



Appendix A

Modulation Characteristic Measurement According to FCC part 2.1047 and part 27 subpart C



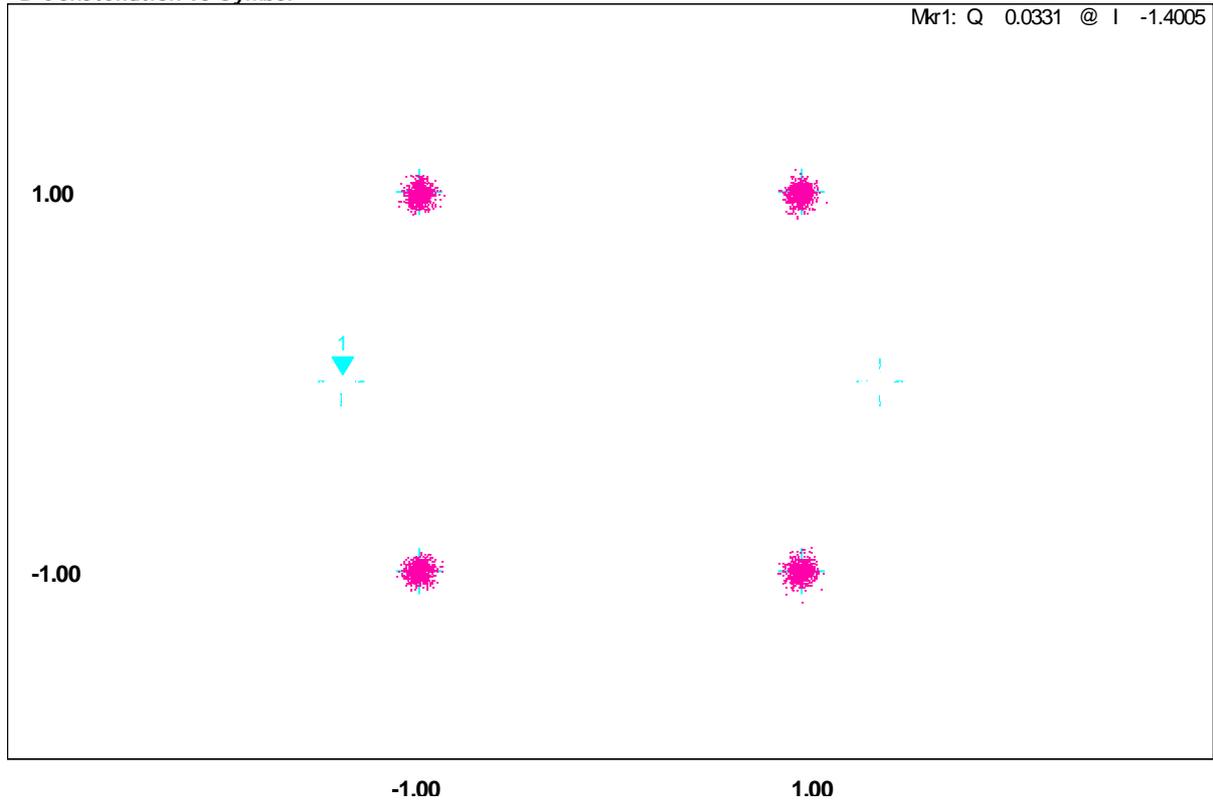
1. Channel Bandwidth = 5 MHz

1) TM 1

B

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.4985 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At 12.1 dBm / 11.6 dB	Capture Time/No.Samples: 2.3 ms / 12881
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 15 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

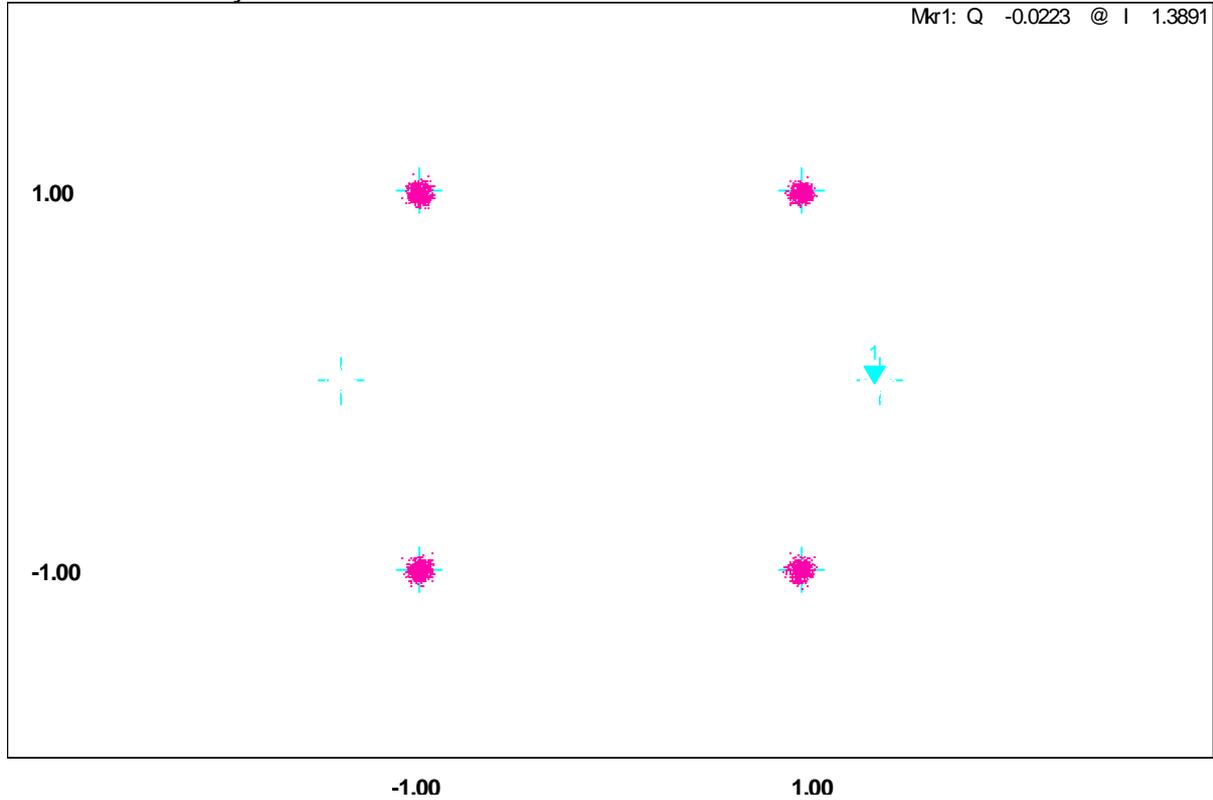
Date: 20.JAN.2010 16:08:45



M

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.593 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At 11.7 dBm / 11.6 dB	Capture Time/No.Samples: 2.3 ms / 12881
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 15 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

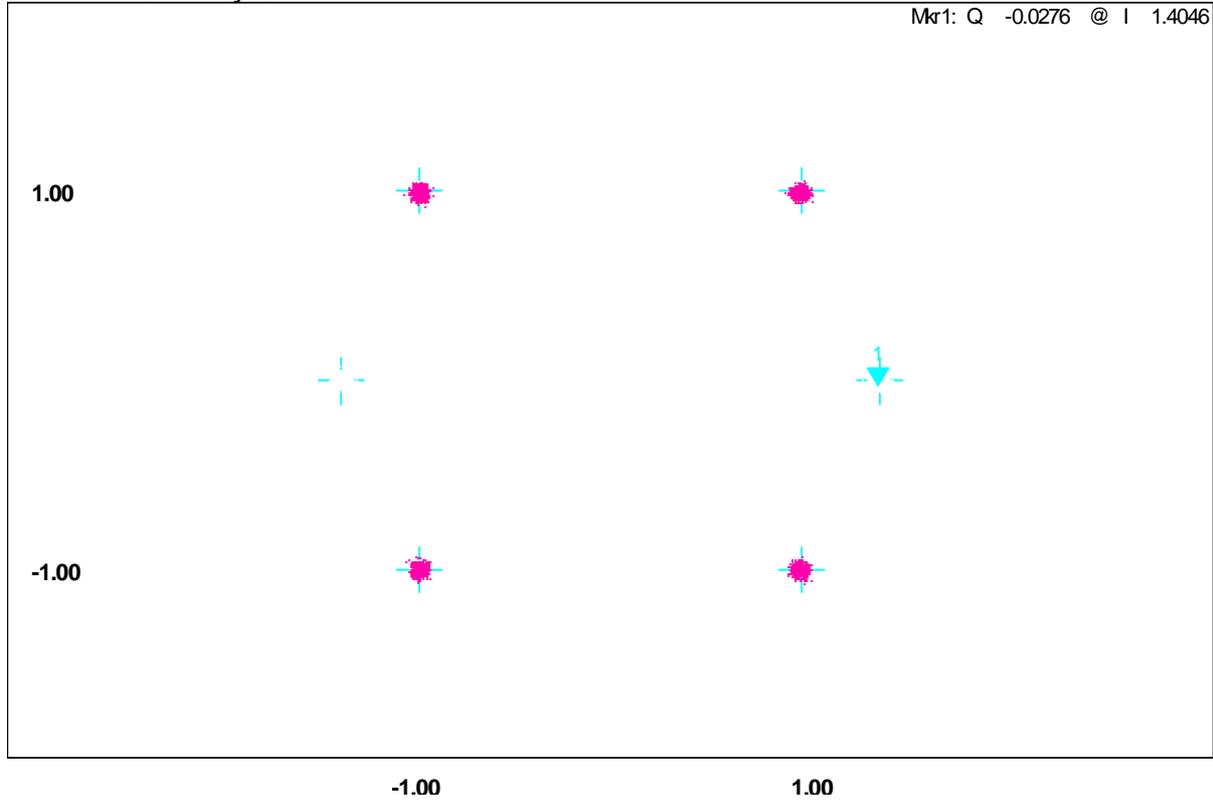
Date: 20.JAN.2010 16:17:04



T

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.6875 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At 11.2 dBm / 11.6 dB	Capture Time/No.Samples: 2.3 ms / 12881
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 15 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

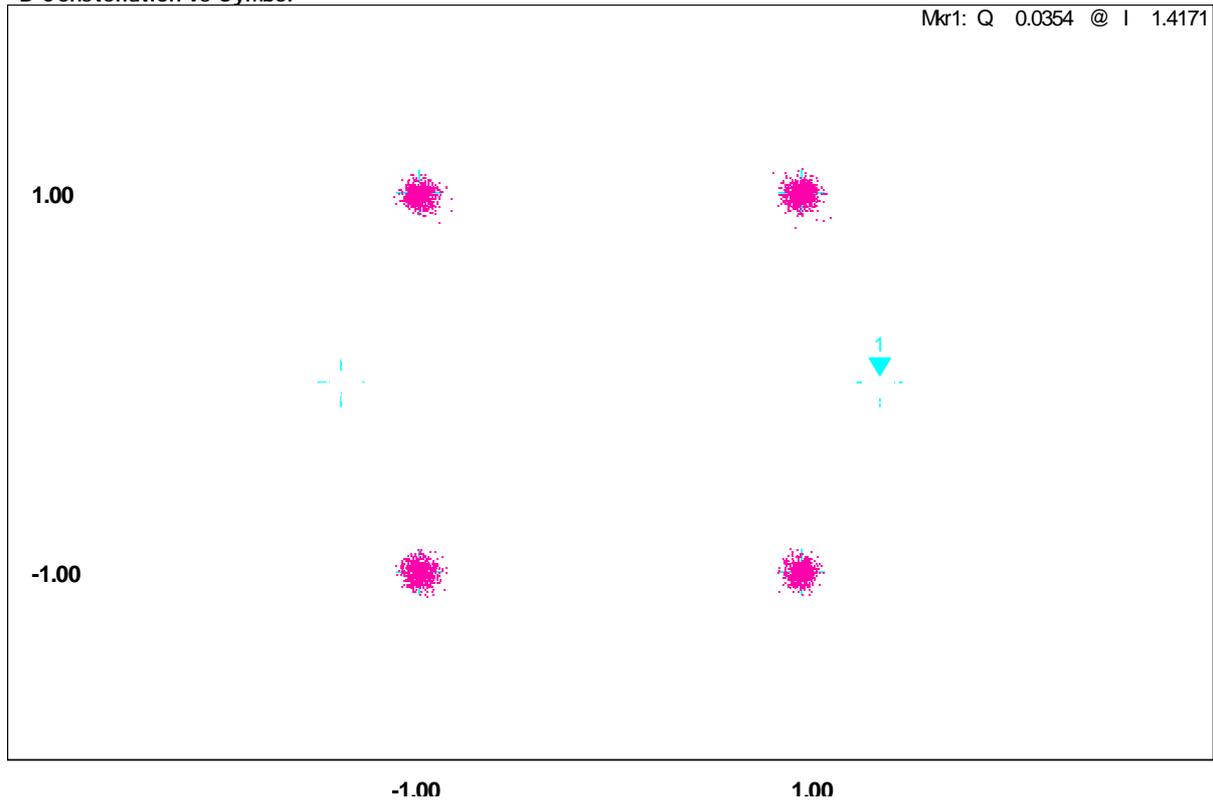
Date: 20.JAN.2010 16:26:35

2) TM 2

B

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.4985 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At 11.9 dBm / 11.6 dB	Capture Time/No.Samples: 2.3 ms / 12881
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 15 Symbols
SINGLE	TRG : POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

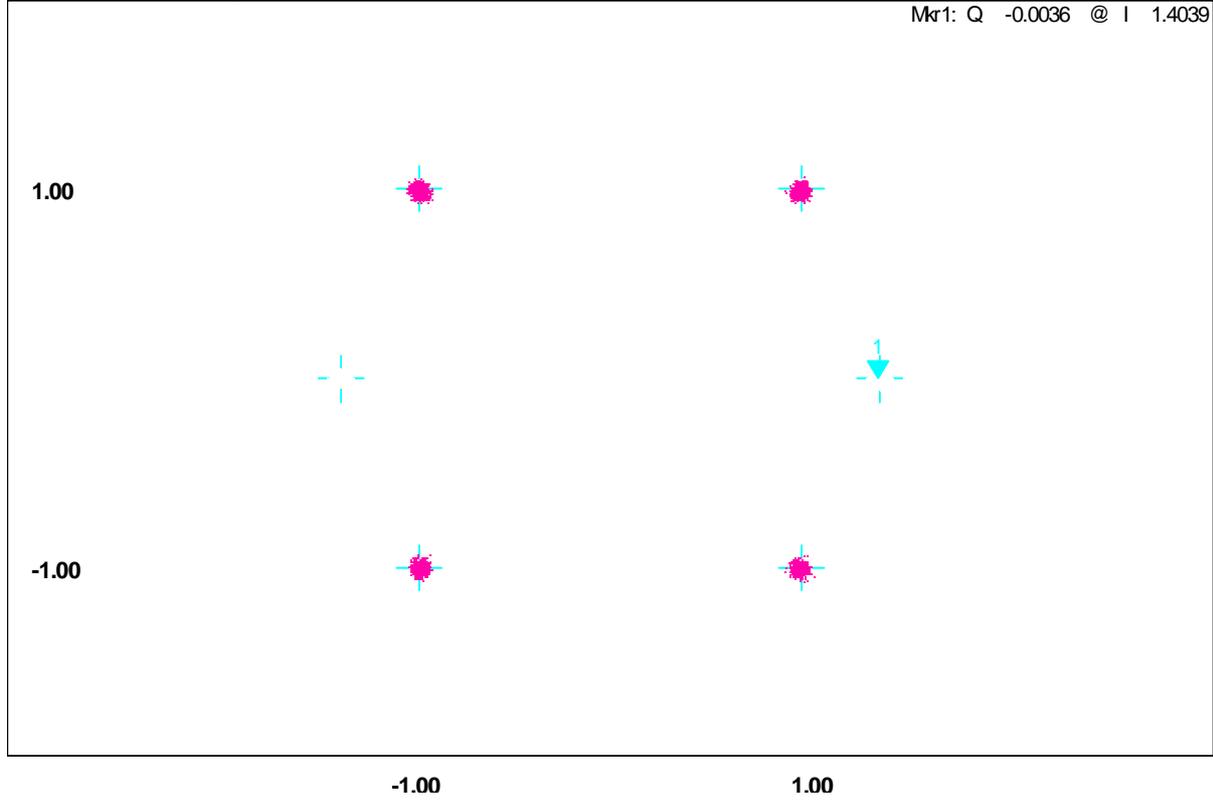
Date: 20.JAN.2010 16:10:16



M

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.593 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At 11.3 dBm / 11.6 dB	Capture Time/No.Samples: 2.3 ms / 12881
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 15 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

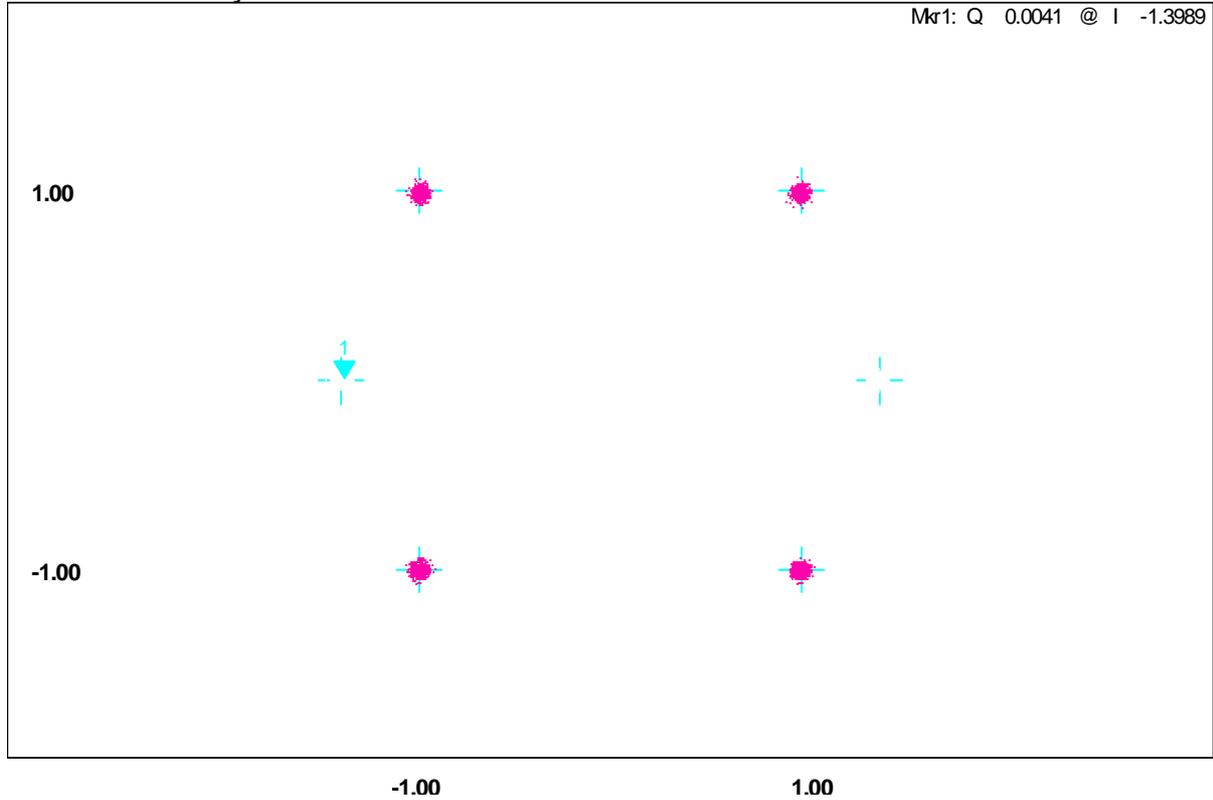
Date: 20.JAN.2010 16:18:23



T

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.6875 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At 11.2 dBm / 11.6 dB	Capture Time/No.Samples: 2.3 ms / 12881
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 15 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

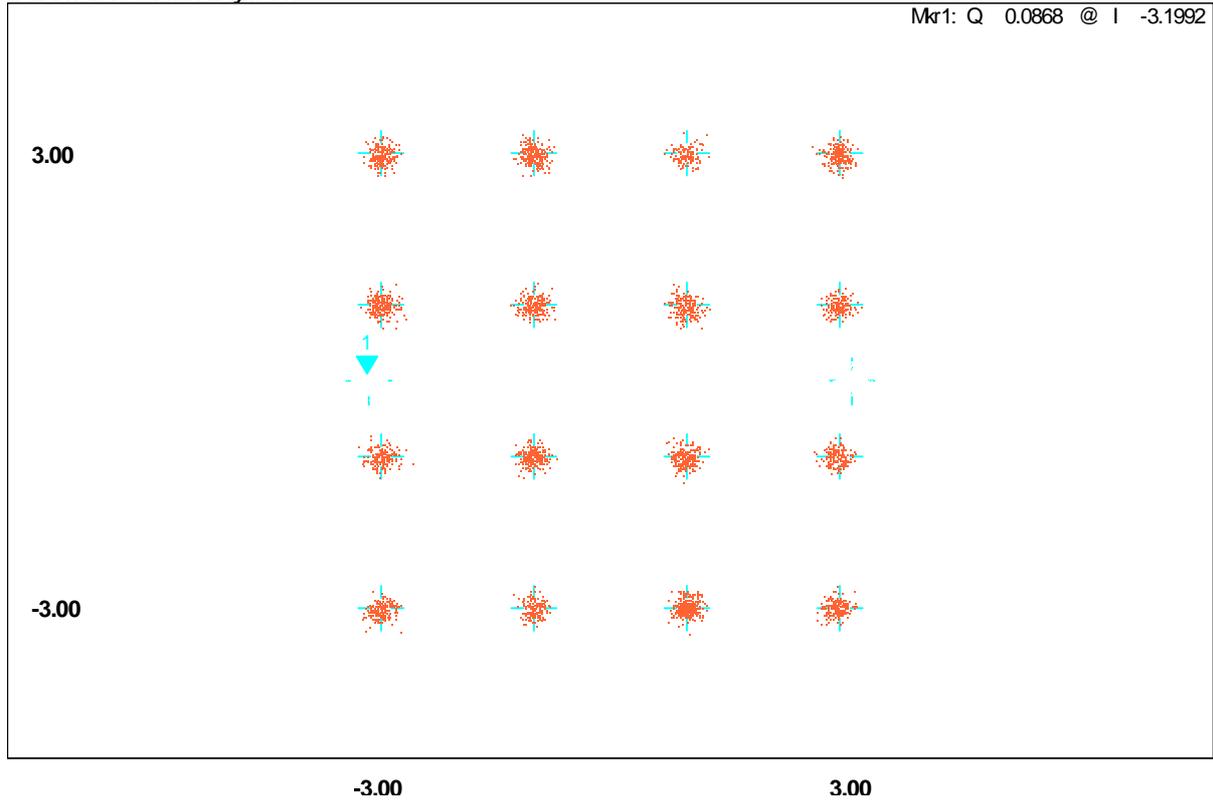
Date: 20.JAN.2010 16:25:57

3) TM 3

B

IEEE 802.16e-2005 OFDMA			
Frequency/Fs: 2.4985 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At 11.9 dBm / 11.6 dB	Capture Time/No.Samples: 2.3 ms / 12881	
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 15 Symbols	
SINGLE	TRG: POWER	RF	

B Constellation vs Symbol



Measurement Complete

PO

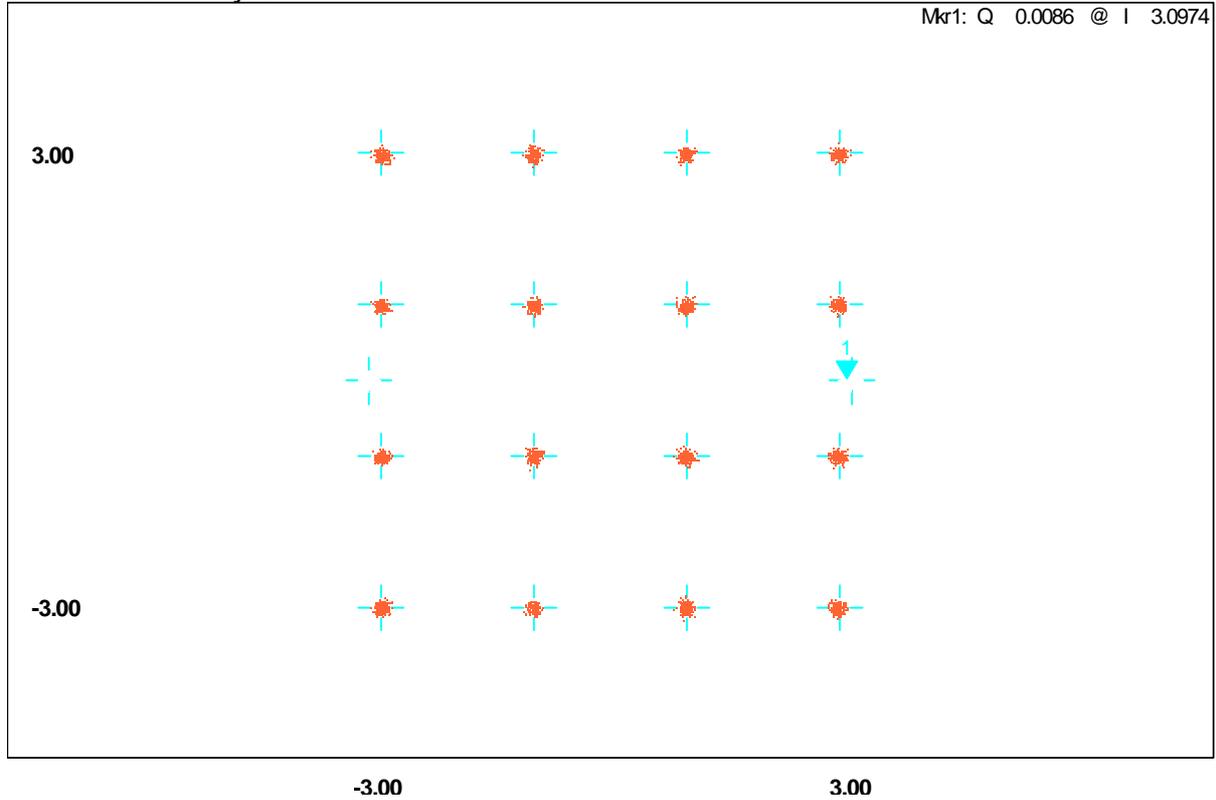
Date: 20.JAN.2010 16:12:47



M

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.593 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At 10.4 dBm / 11.6 dB	Capture Time/No.Samples: 2.3 ms / 12881
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 15 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol

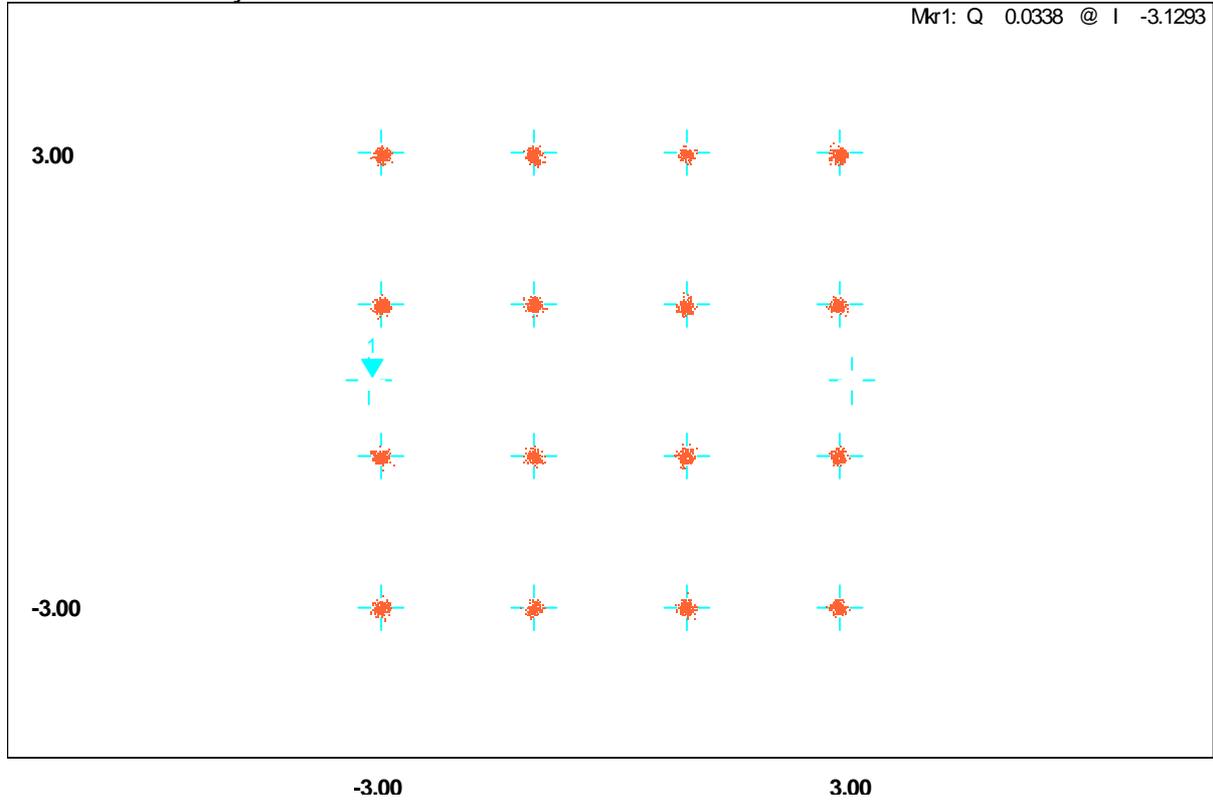




T

IEEE 802.16e-2005 OFDMA			
Frequency/Fs: 2.6875 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At 10.4 dBm / 11.6 dB	Capture Time/No.Samples: 2.3 ms / 12881	
Seg=0, UL-PUSC, ID=A	1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 15 Symbols
SINGLE	TRG: POWER	RF	

B Constellation vs Symbol



Measurement Complete

PO

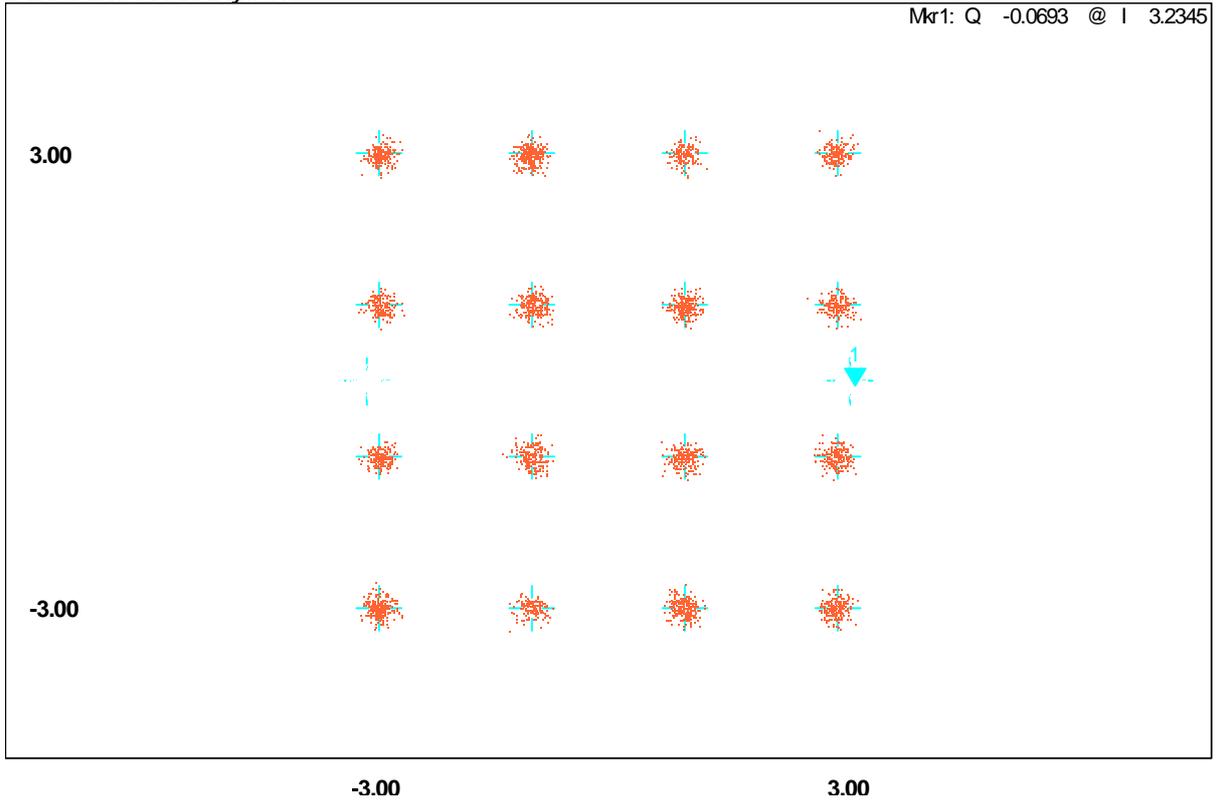
Date: 20.JAN.2010 16:24:10

4) TM 4

B

IEEE 802.16e-2005 OFDMA			
Frequency/Fs: 2.4985 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At 11.9 dBm / 11.6 dB	Capture Time/No.Samples: 2.3 ms / 12881	
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 15 Symbols	
SINGLE	TRG: POWER	RF	

B Constellation vs Symbol



Measurement Complete

PO

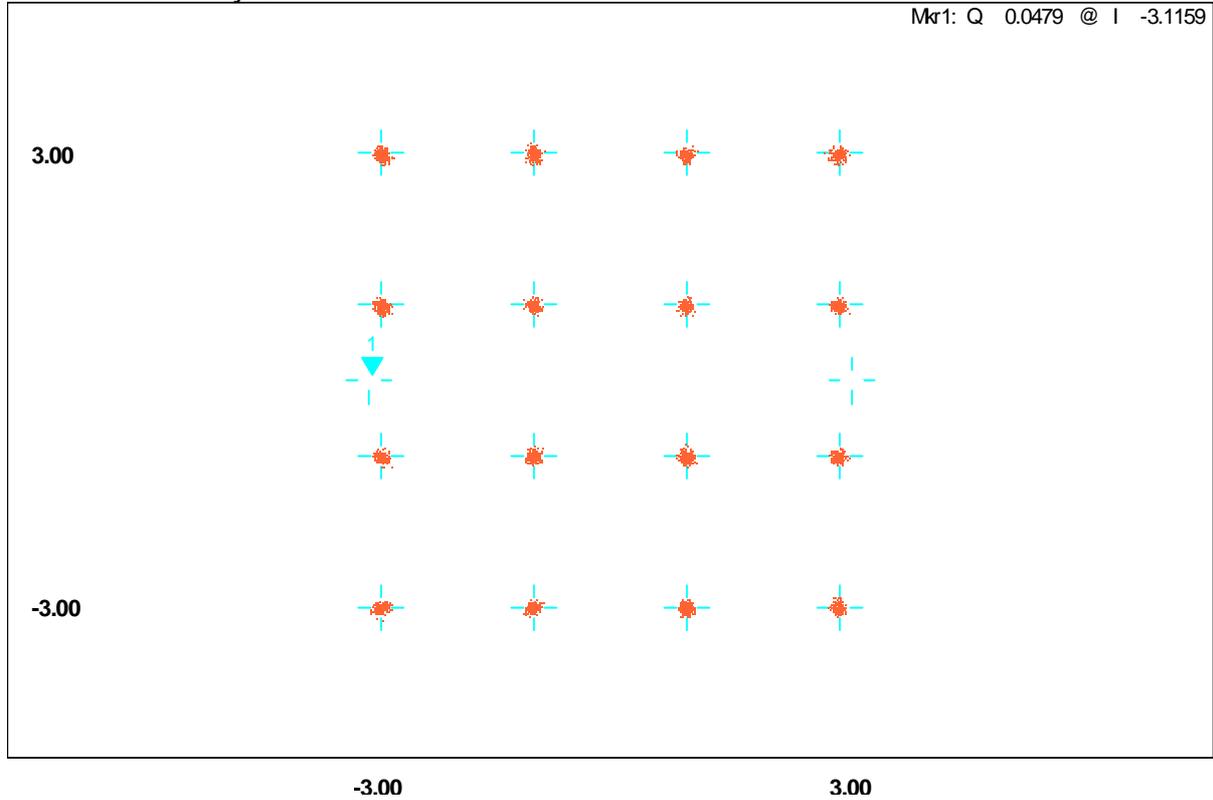
Date: 20.JAN.2010 16:13:52



M

IEEE 802.16e-2005 OFDMA			
Frequency/Fs:	2.593 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At	10.4 dBm / 11.6 dB
Capture Time/No.Samples:		2.3 ms / 12881	
Seg=0, UL-PUSC, ID=A	1/1 (1)	Meas Setup:	1 TX x 1 RX
Zone Offset / Len:		0 / 15 Symbols	
SINGLE	TRG: POWER	RF	

B Constellation vs Symbol



Measurement Complete

PO

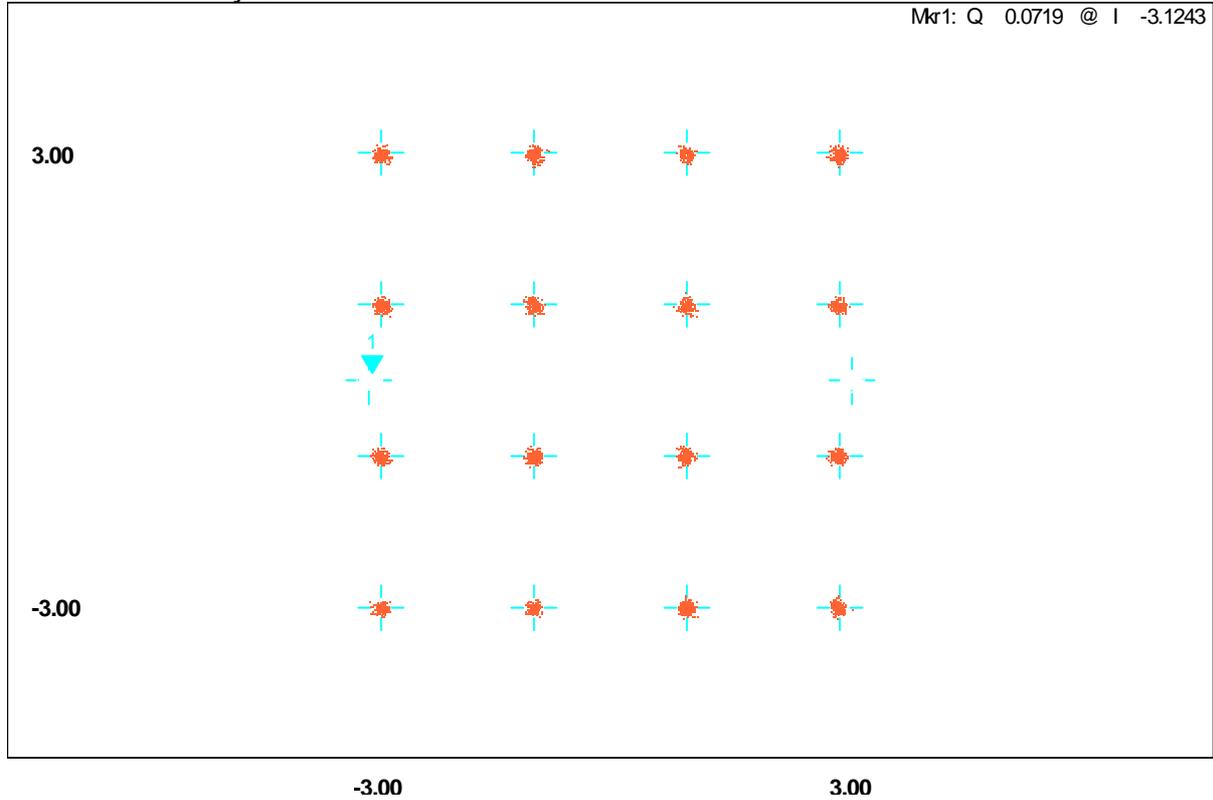
Date: 20.JAN.2010 16:20:59



T

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.6875 GHz / 5.6 MHz	Signal Lvl. Setting/Ext. At 10.4 dBm / 11.6 dB	Capture Time/No.Samples: 2.3 ms / 12881
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 15 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

Date: 20.JAN.2010 16:22:38

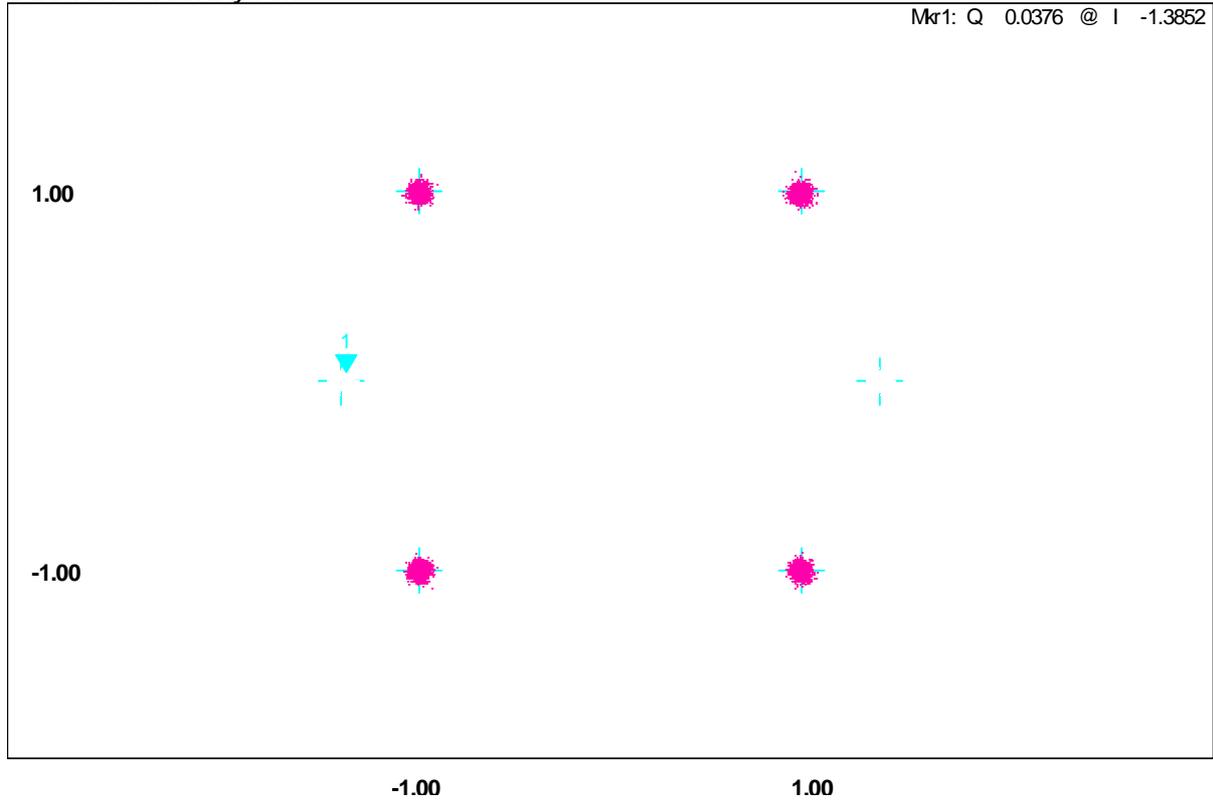
2. Channel Bandwidth = 10 MHz

1) TM 1

B

IEEE 802.16e-2005 OFDMA			
Frequency/Fs: 2.501 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. At 12.2 dBm / 11.6 dB	Capture Time/No.Samples: 2 ms / 22401	
Seg=0, UL-PUSC, ID=A	1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 12 Symbols
SINGLE	TRG: POWER	RF	

B Constellation vs Symbol



Measurement Complete

PO

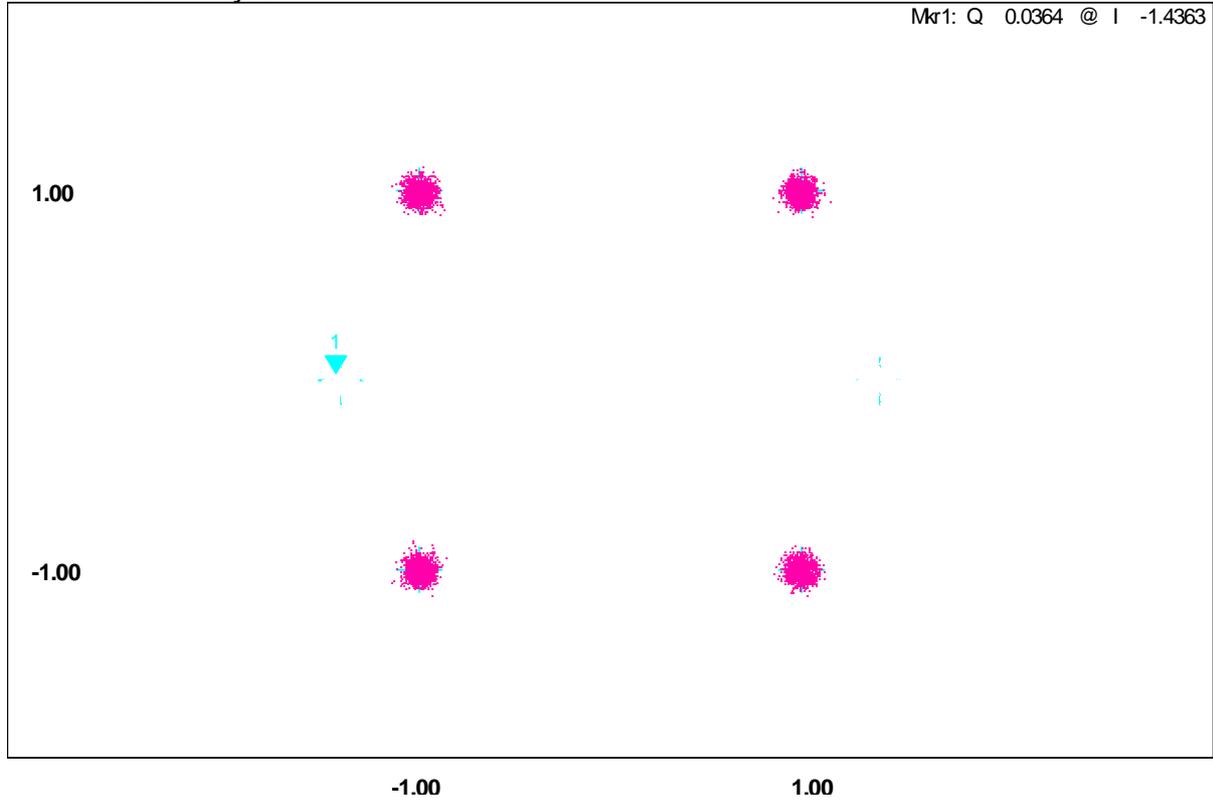
Date: 20.JAN.2010 15:13:06



M

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.593 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. Att: 12 dBm / 11.6 dB	Capture Time/No.Samples: 2 ms / 22401
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 12 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

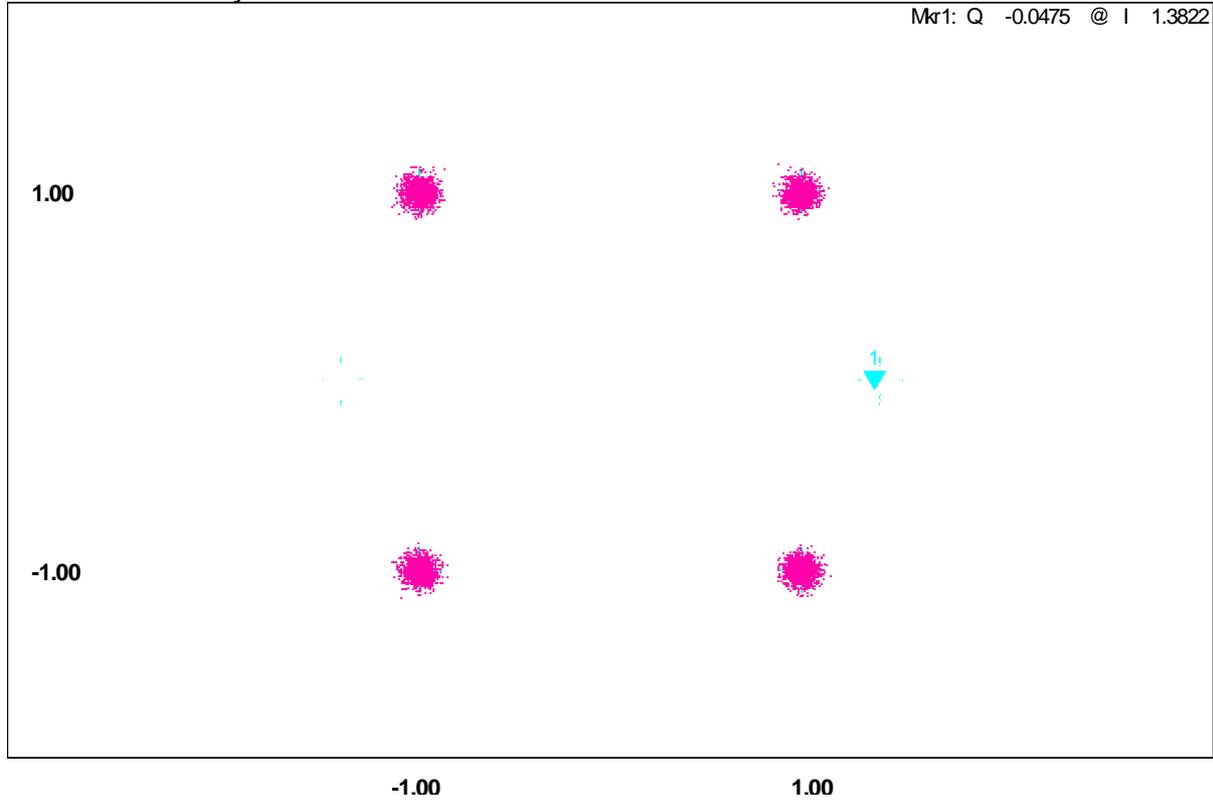
Date: 20.JAN.2010 15:14:41



T

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.685 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. Att: 12 dBm / 11.6 dB	Capture Time/No.Samples: 2 ms / 22401
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 12 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

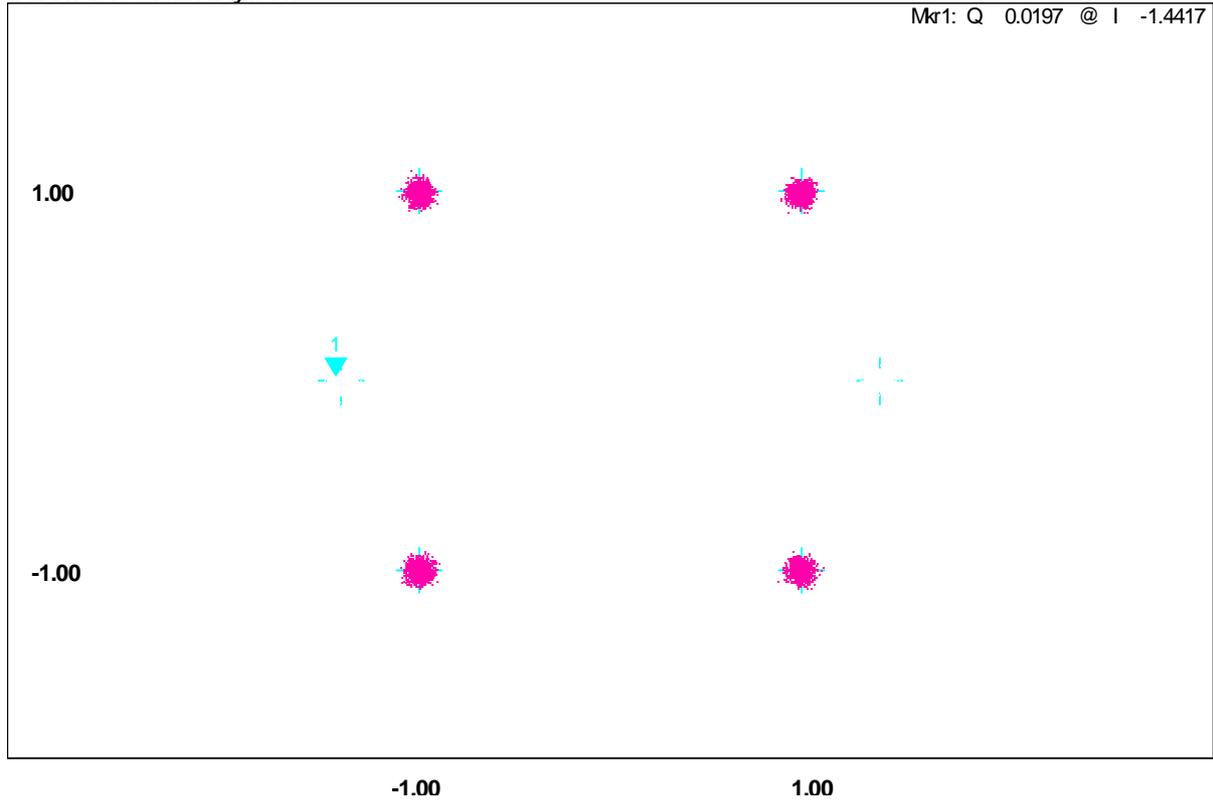
Date: 20.JAN.2010 16:06:45

2) TM 2

B

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.501 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. At 12.2 dBm / 11.6 dB	Capture Time/No.Samples: 2 ms / 22401
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 12 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

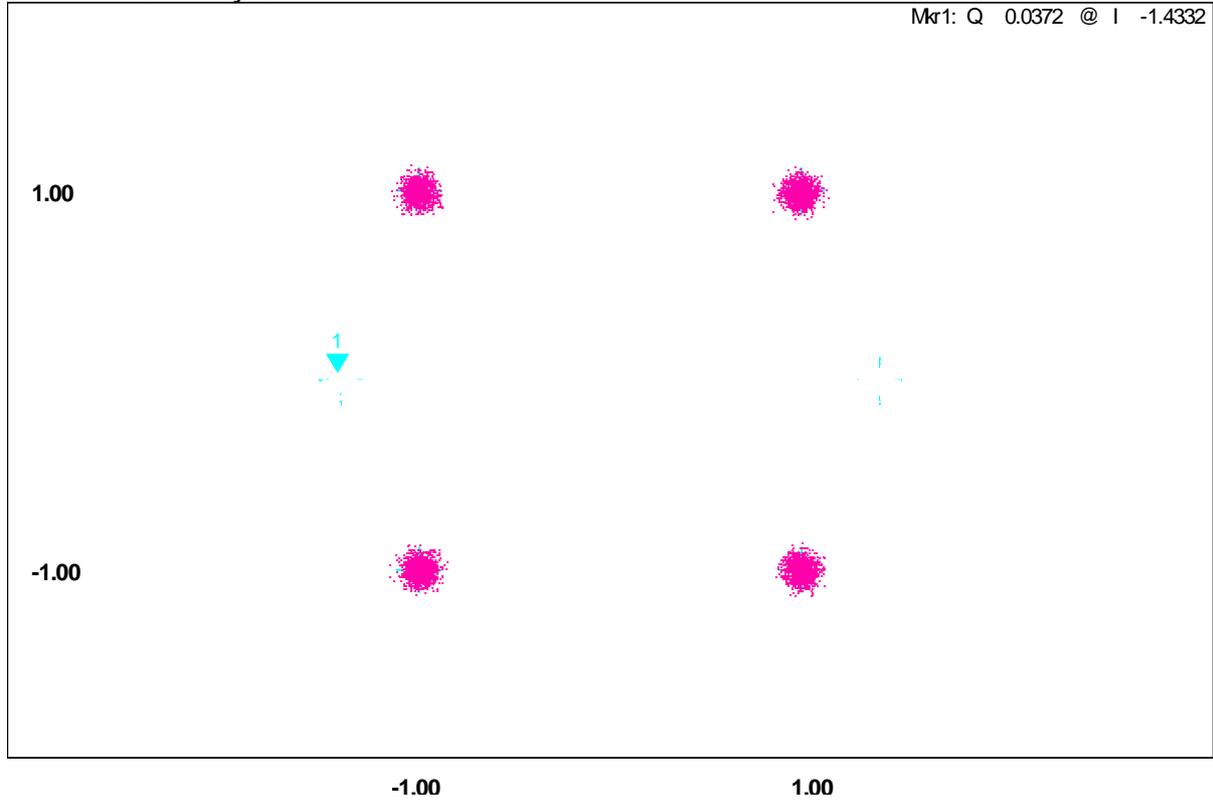
Date: 20.JAN.2010 15:01:46



M

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.593 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. At 12.1 dBm / 11.6 dB	Capture Time/No.Samples: 2 ms / 22401
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 12 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

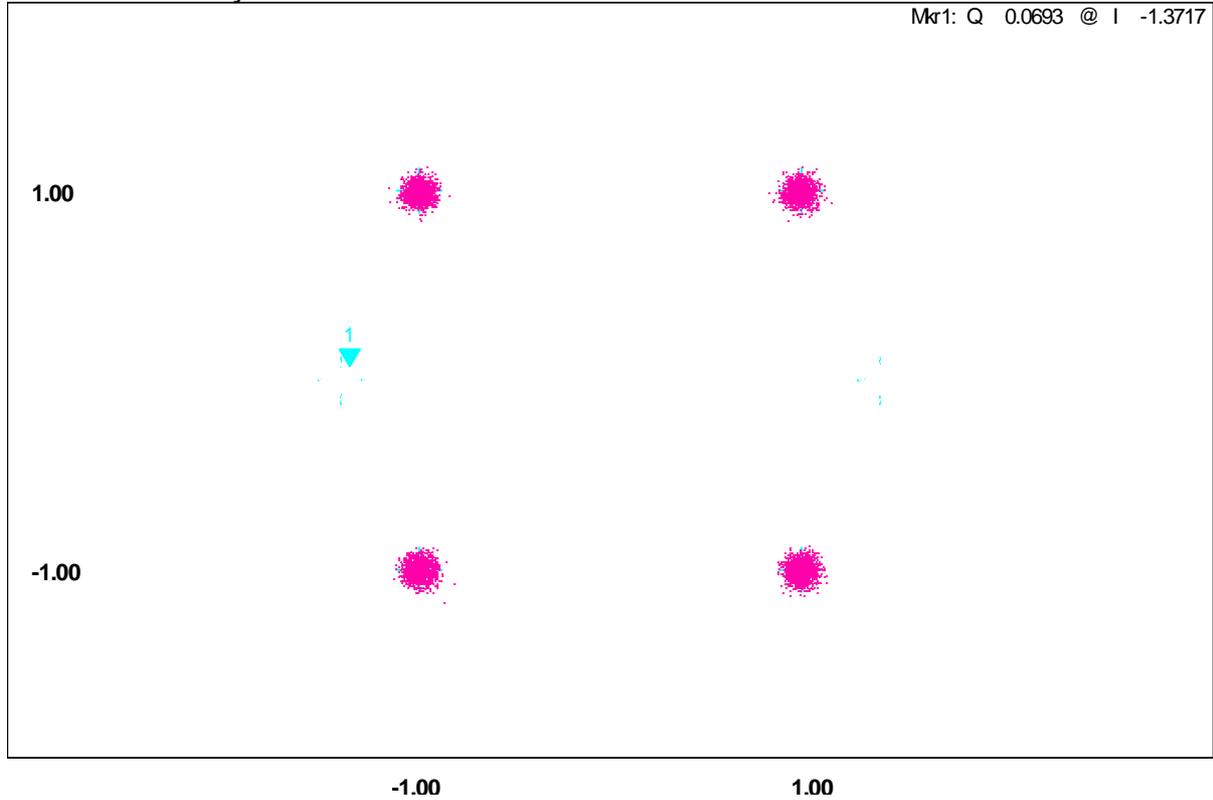
Date: 20.JAN.2010 15:15:59



T

IEEE 802.16e-2005 OFDMA		
Frequency/Fs: 2.685 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. Att: 12 dBm / 11.6 dB	Capture Time/No.Samples: 2 ms / 22401
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 12 Symbols
SINGLE	TRG: POWER	RF

B Constellation vs Symbol



Measurement Complete

PO

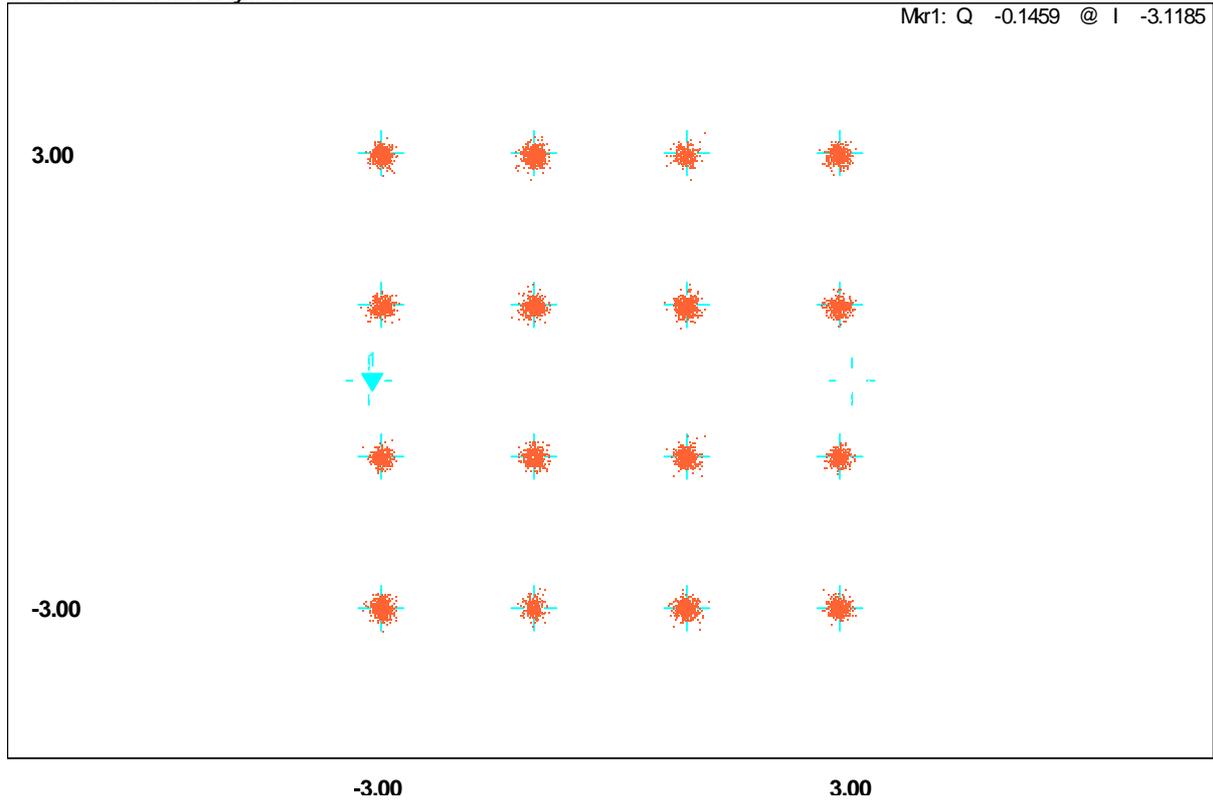
Date: 20.JAN.2010 16:06:20

3) TM 3

B

IEEE 802.16e-2005 OFDMA			
Frequency/Fs:	2.501 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. At 12.3 dBm / 11.6 dB	Capture Time/No.Samples: 2 ms / 22401
Seg=0, UL-PUSC, ID=A	1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 12 Symbols
SINGLE	TRG: POWER	RF	

B Constellation vs Symbol



Measurement Complete

PO

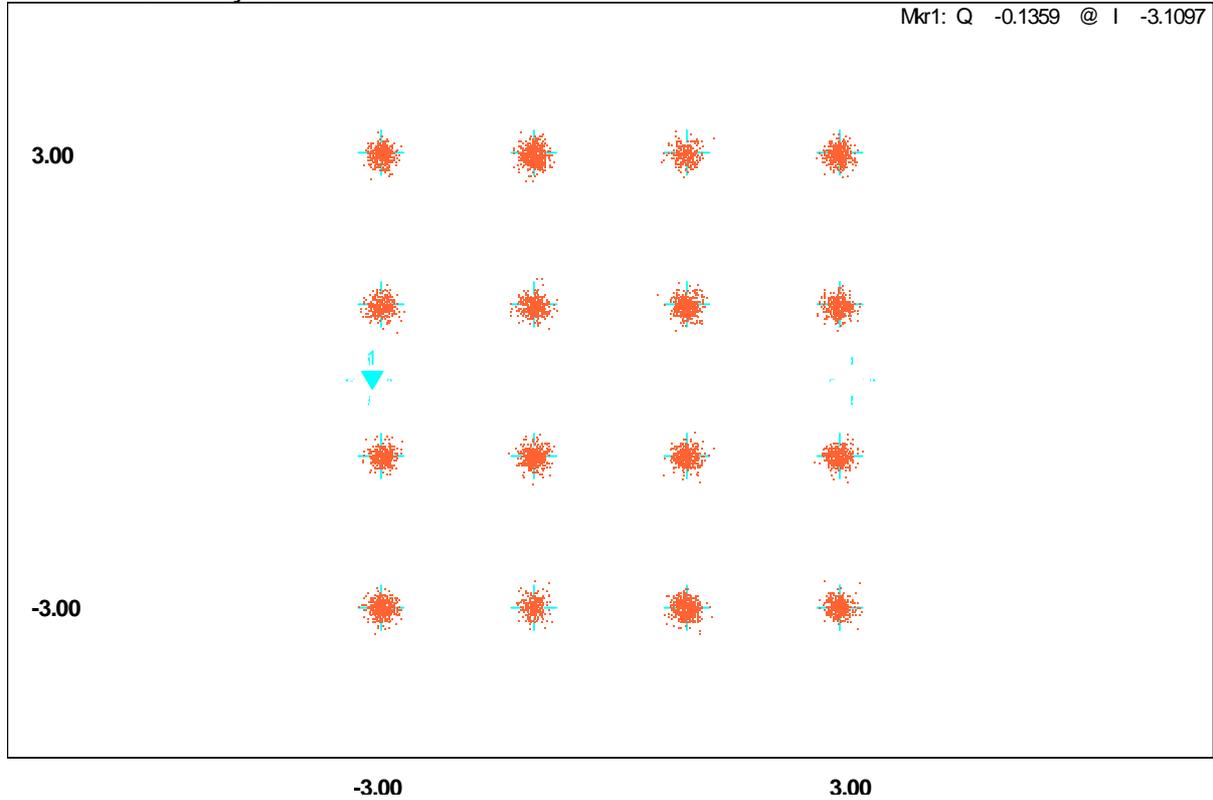
Date: 20.JAN.2010 15:03:53



M

IEEE 802.16e-2005 OFDMA			
Frequency/Fs: 2.593 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. At 12.2 dBm / 11.6 dB	Capture Time/No.Samples: 2 ms / 22401	
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 12 Symbols	
SINGLE	TRG: POWER	RF	

B Constellation vs Symbol



Measurement Complete

PO

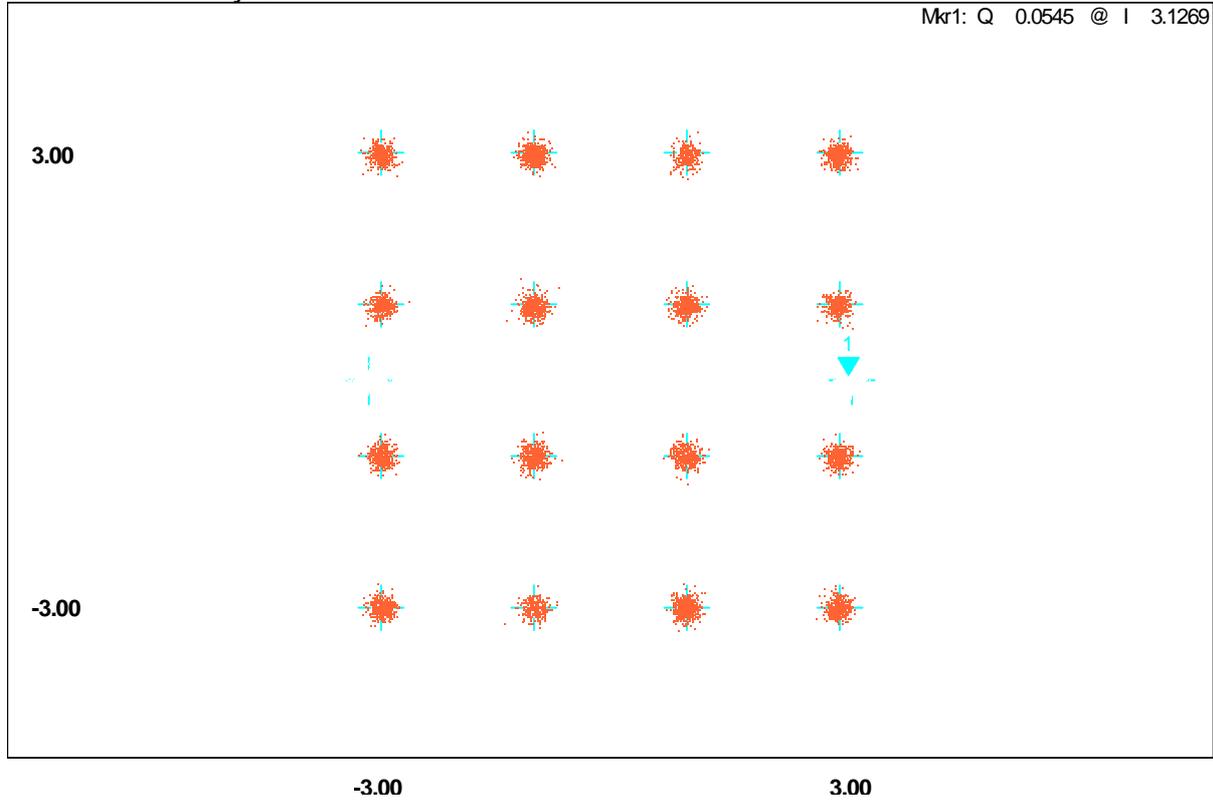
Date: 20.JAN.2010 15:54:22



T

IEEE 802.16e-2005 OFDMA			
Frequency/Fs:	2.685 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. At	11.9 dBm / 11.6 dB
Capture Time/No.Samples:		2 ms / 22401	
Seg=0, UL-PUSC, ID=A	1/1 (1)	Meas Setup:	1 TX x 1 RX
Zone Offset / Len:		0 / 12 Symbols	
SINGLE	TRG: POWER	RF	

B Constellation vs Symbol



Measurement Complete

PO

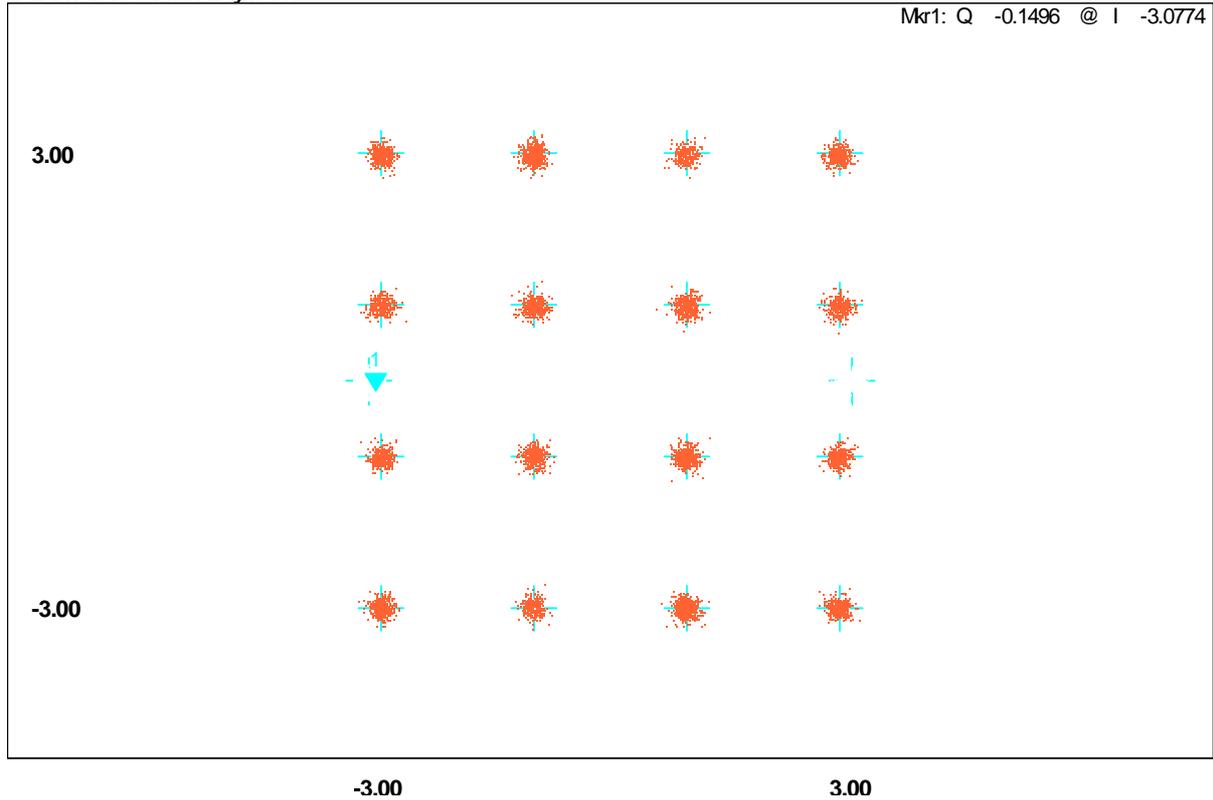
Date: 20.JAN.2010 16:03:10

4) TM 4

B

IEEE 802.16e-2005 OFDMA			
Frequency/Fs: 2.501 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. At 12.3 dBm / 11.6 dB	Capture Time/No.Samples: 2 ms / 22401	
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 12 Symbols	
SINGLE	TRG: POWER	RF	

B Constellation vs Symbol



Measurement Complete

PO

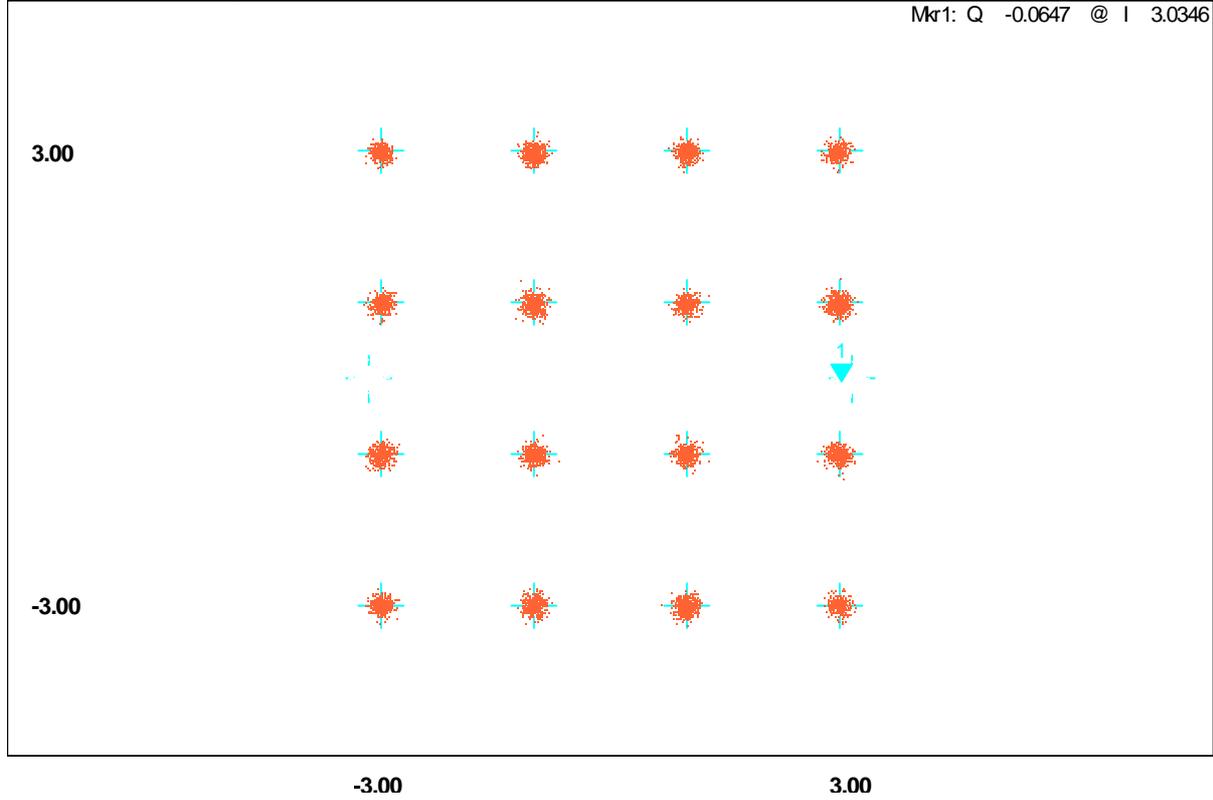
Date: 20.JAN.2010 15:05:31



M

IEEE 802.16e-2005 OFDMA			
Frequency/Fs: 2.593 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. Att: 12 dBm / 11.6 dB	Capture Time/No.Samples: 2 ms / 22401	
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 12 Symbols	
SINGLE	TRG: POWER	RF	

B Constellation vs Symbol



Measurement Complete

PO

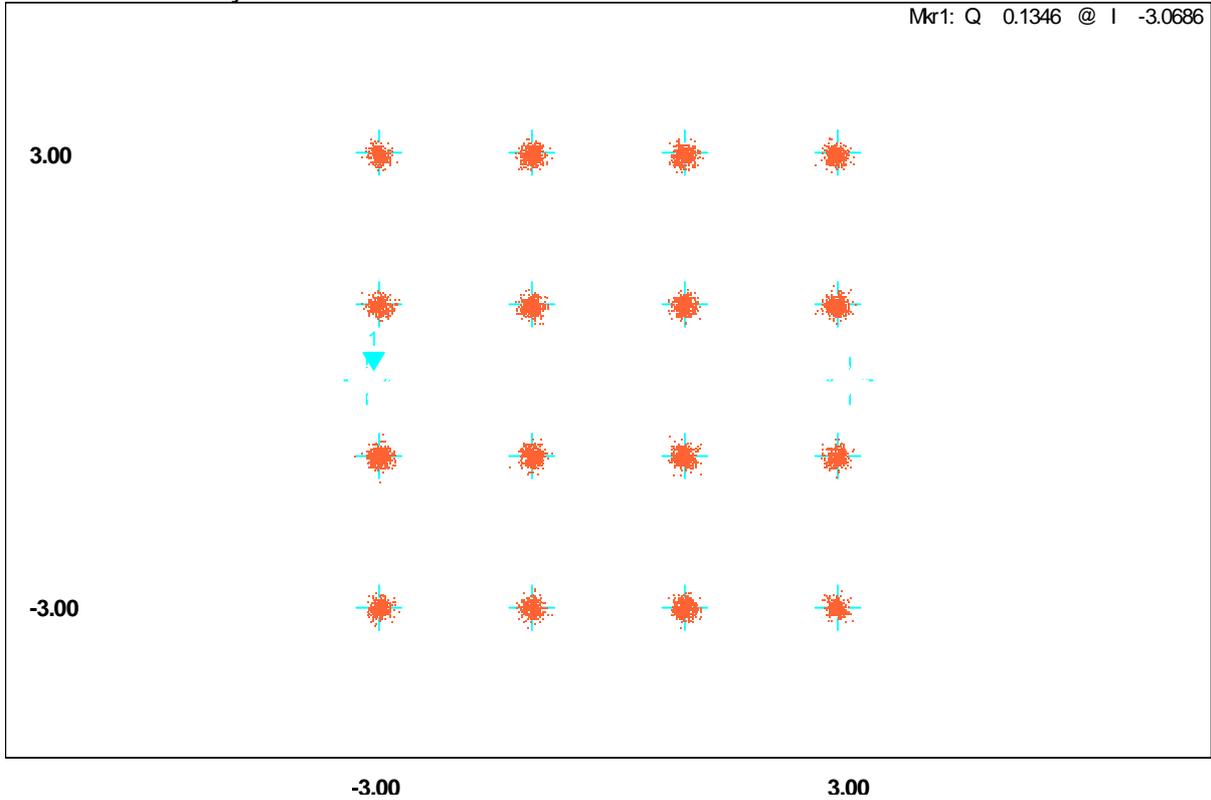
Date: 20.JAN.2010 15:59:10



T

IEEE 802.16e-2005 OFDMA			
Frequency/Fs: 2.685 GHz / 11.2 MHz	Signal Lvl. Setting/Ext. At 11.8 dBm / 11.6 dB	Capture Time/No.Samples: 2 ms / 22401	
Seg=0, UL-PUSC, ID=A 1/1 (1)	Meas Setup: 1 TX x 1 RX	Zone Offset / Len: 0 / 12 Symbols	
SINGLE	TRG: POWER	RF	

B Constellation vs Symbol



Measurement Complete

PO

Date: 20.JAN.2010 16:00:28



Appendix B

Occupied Bandwidth Measurement

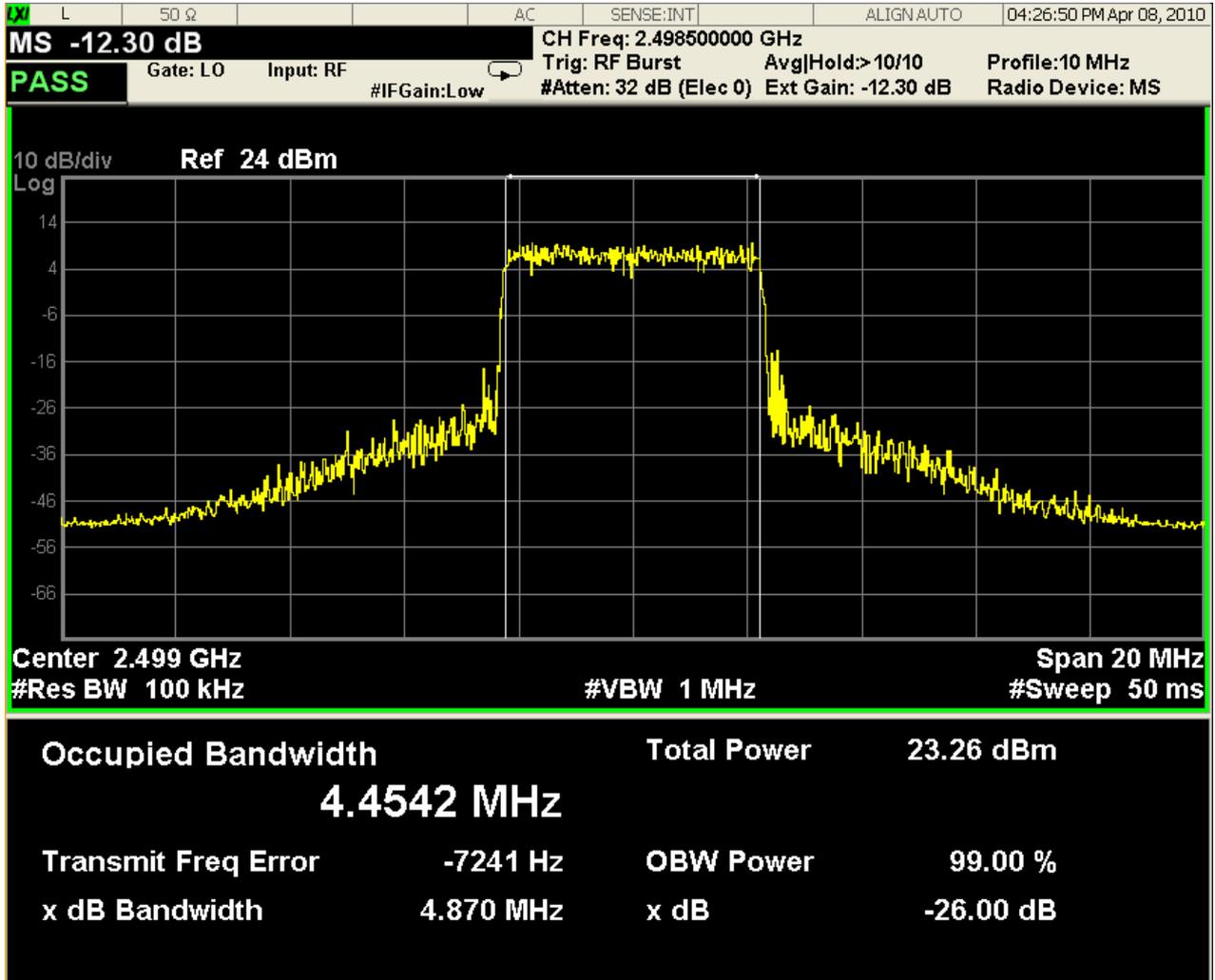
According to FCC part 2.1049 and part 27 subpart C & M



1. Channel Bandwidth = 5 MHz

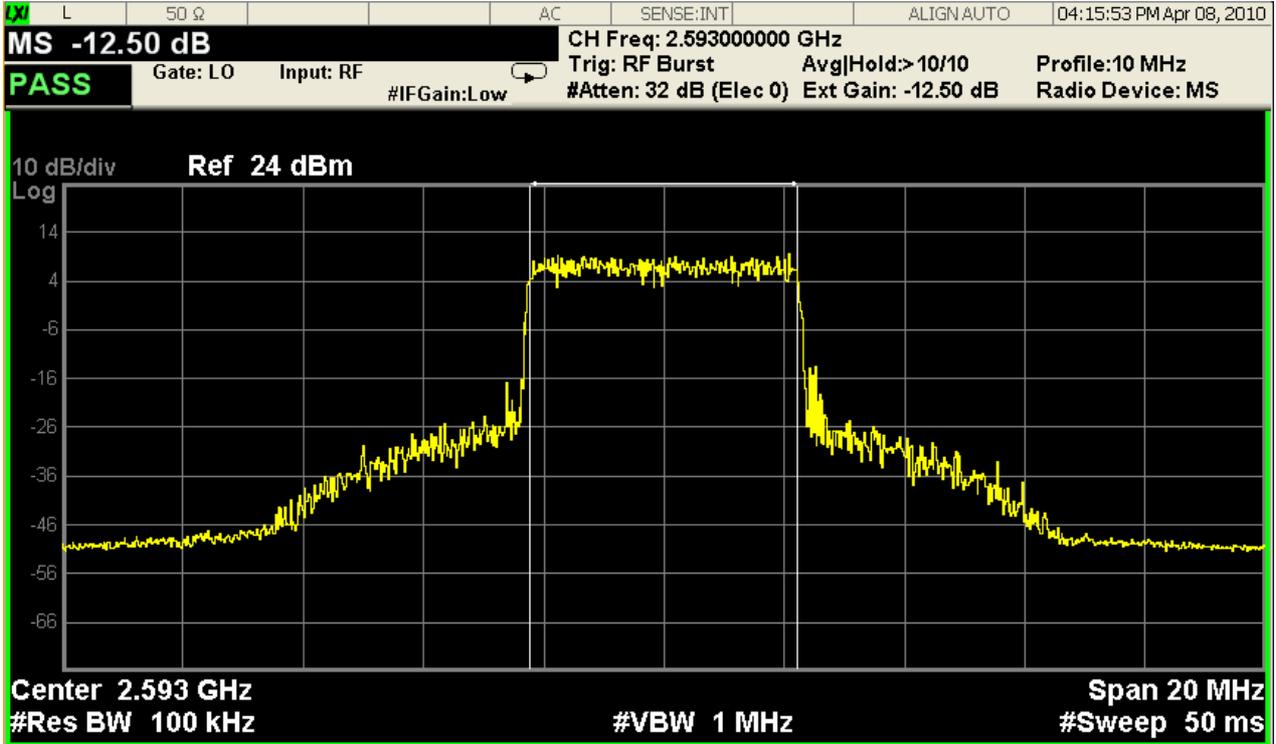
1) TM 1

B





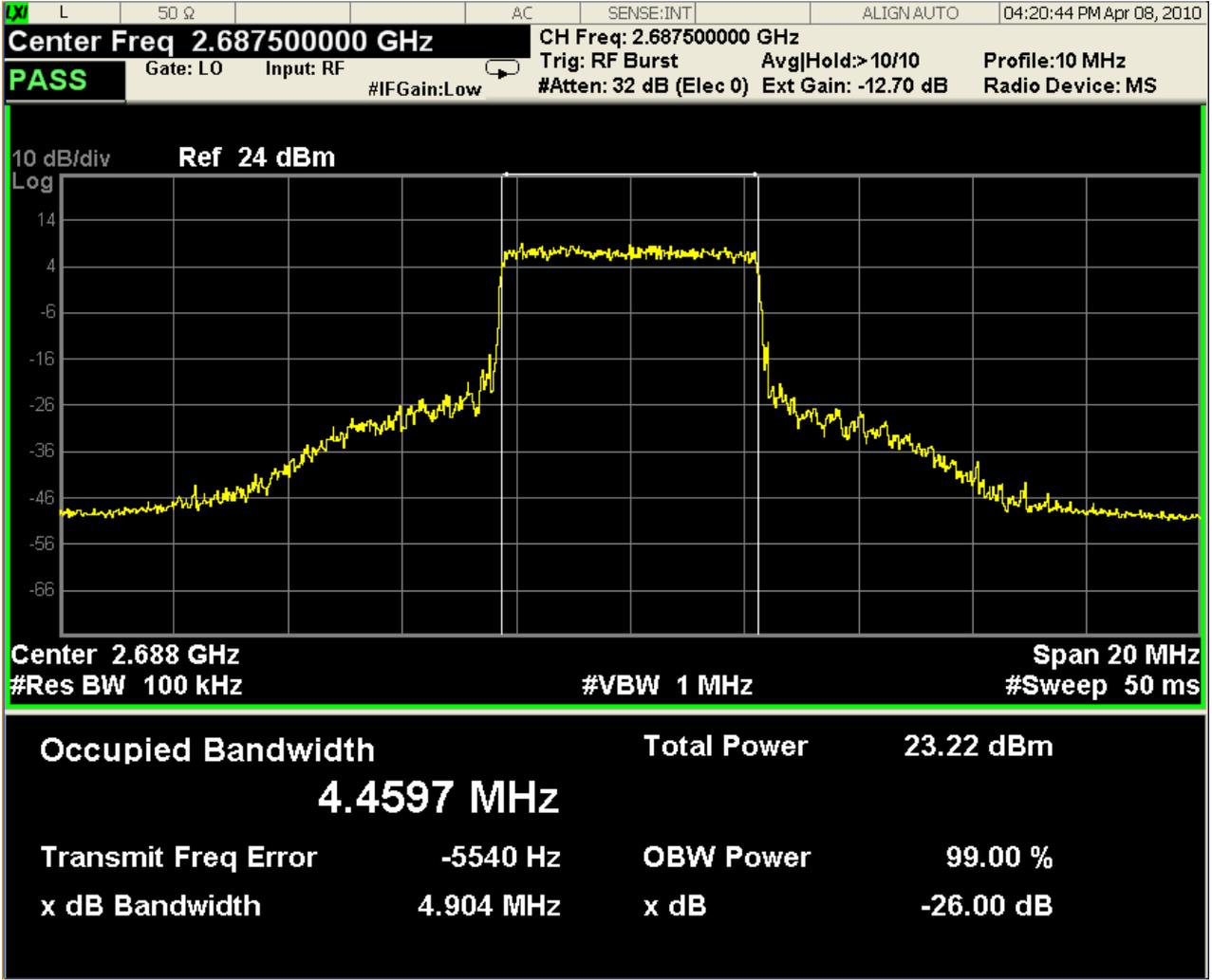
M



Occupied Bandwidth		Total Power	23.19 dBm
	4.4564 MHz		
Transmit Freq Error	-5873 Hz	OBW Power	99.00 %
x dB Bandwidth	4.891 MHz	x dB	-26.00 dB

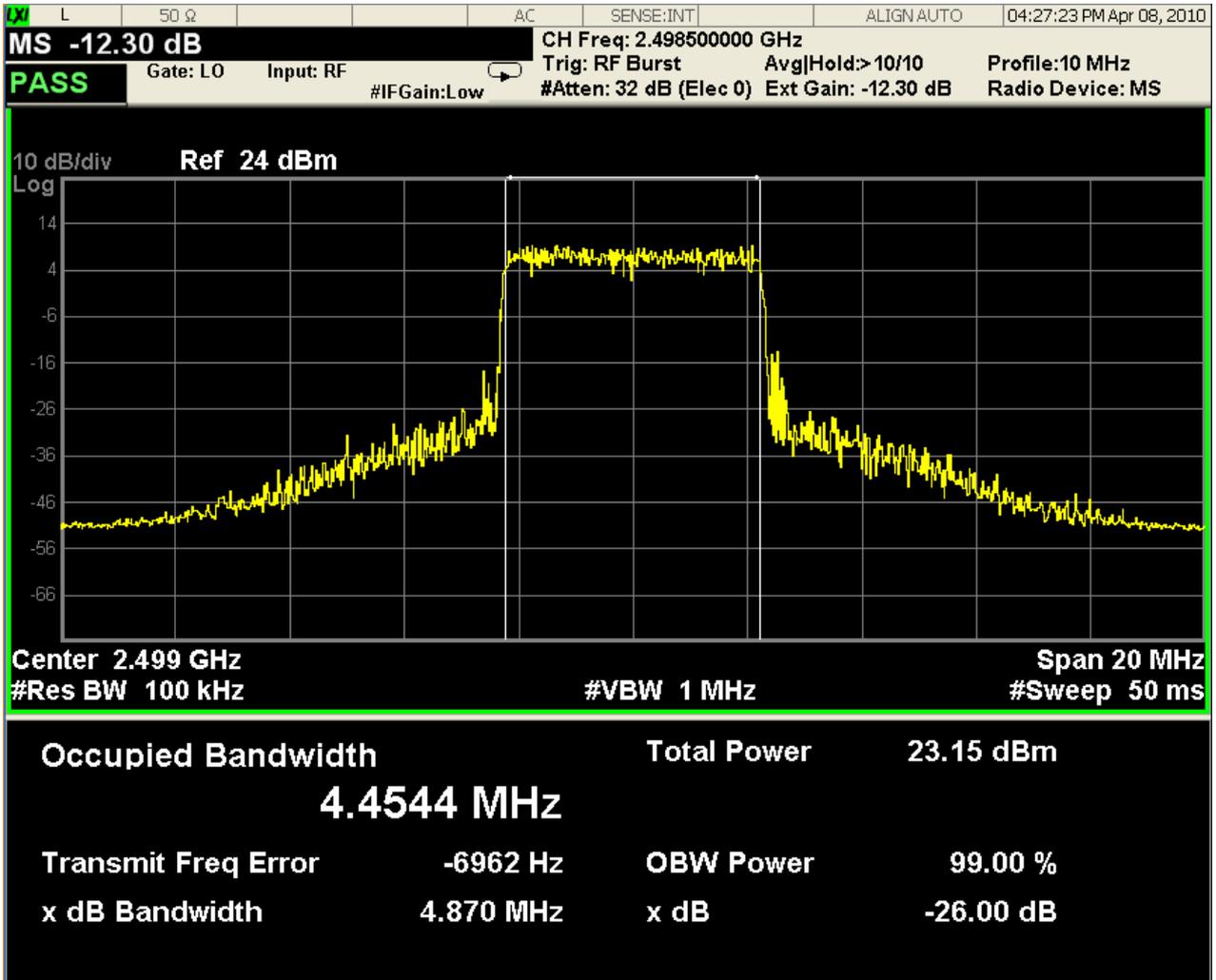


T



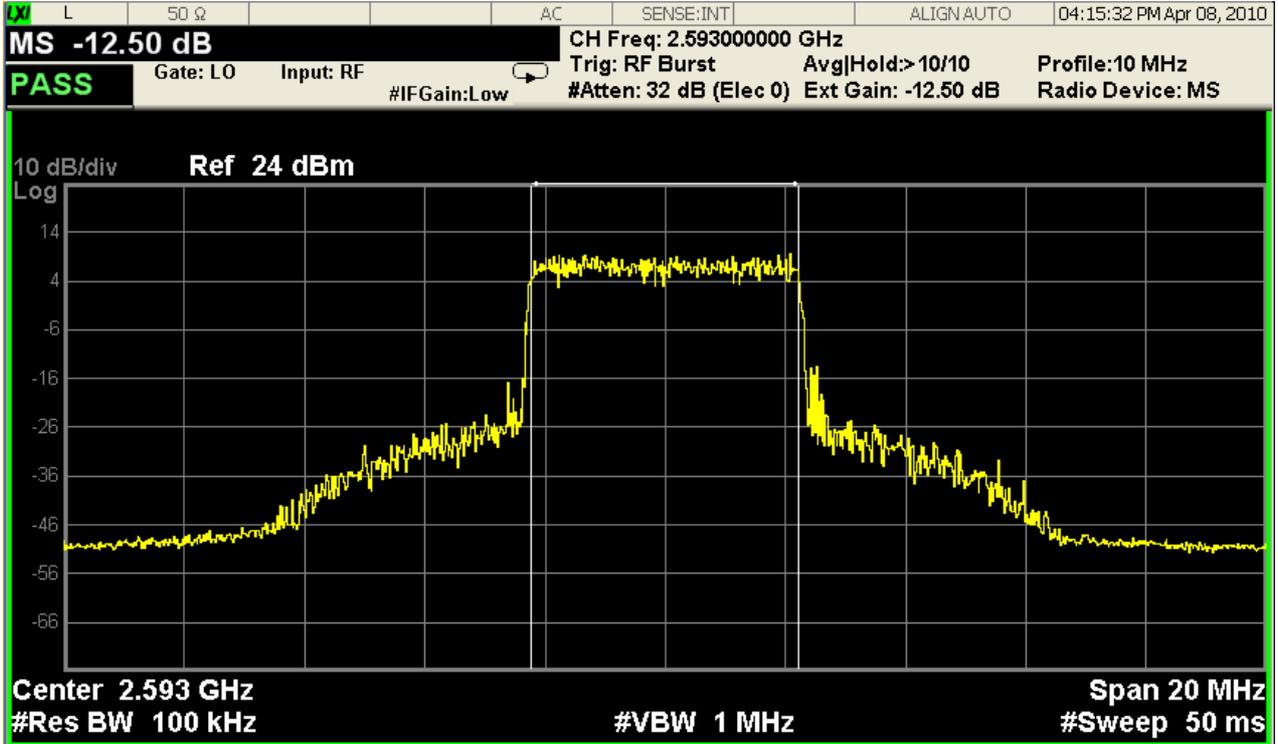
2) TM 2

B





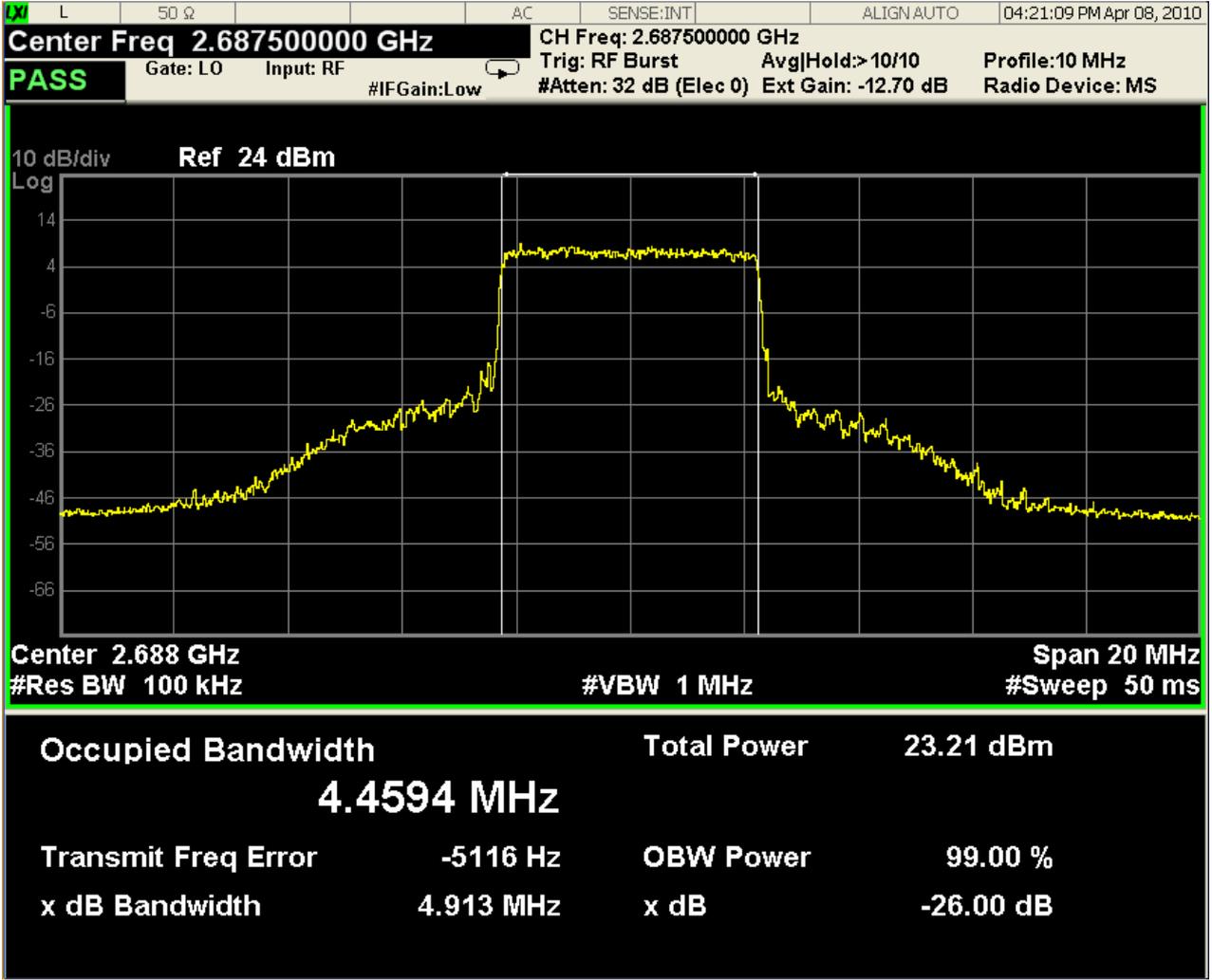
M



Occupied Bandwidth	Total Power	23.24 dBm
4.4563 MHz		
Transmit Freq Error	OBW Power	99.00 %
-5914 Hz		
x dB Bandwidth	x dB	-26.00 dB
4.891 MHz		

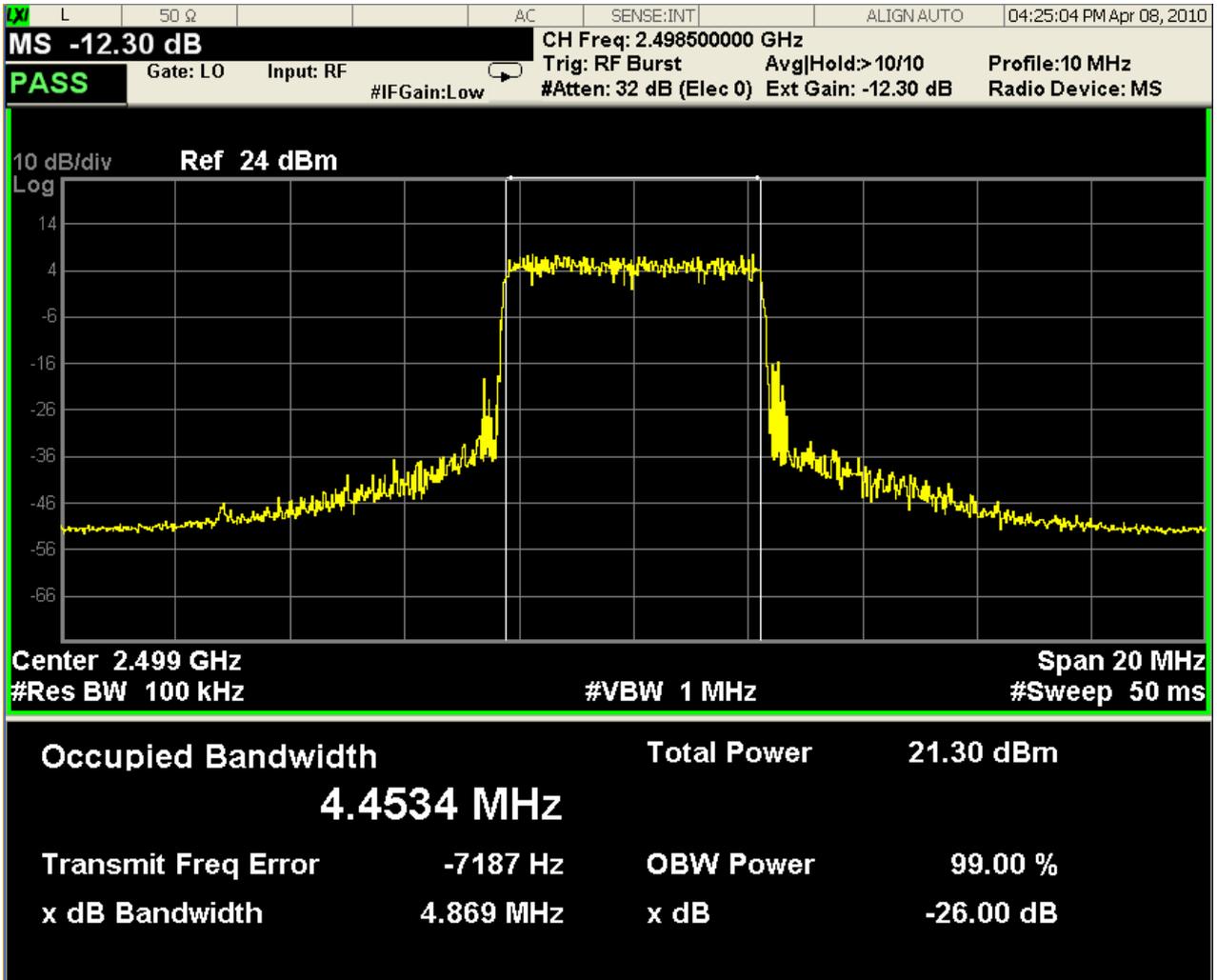


T



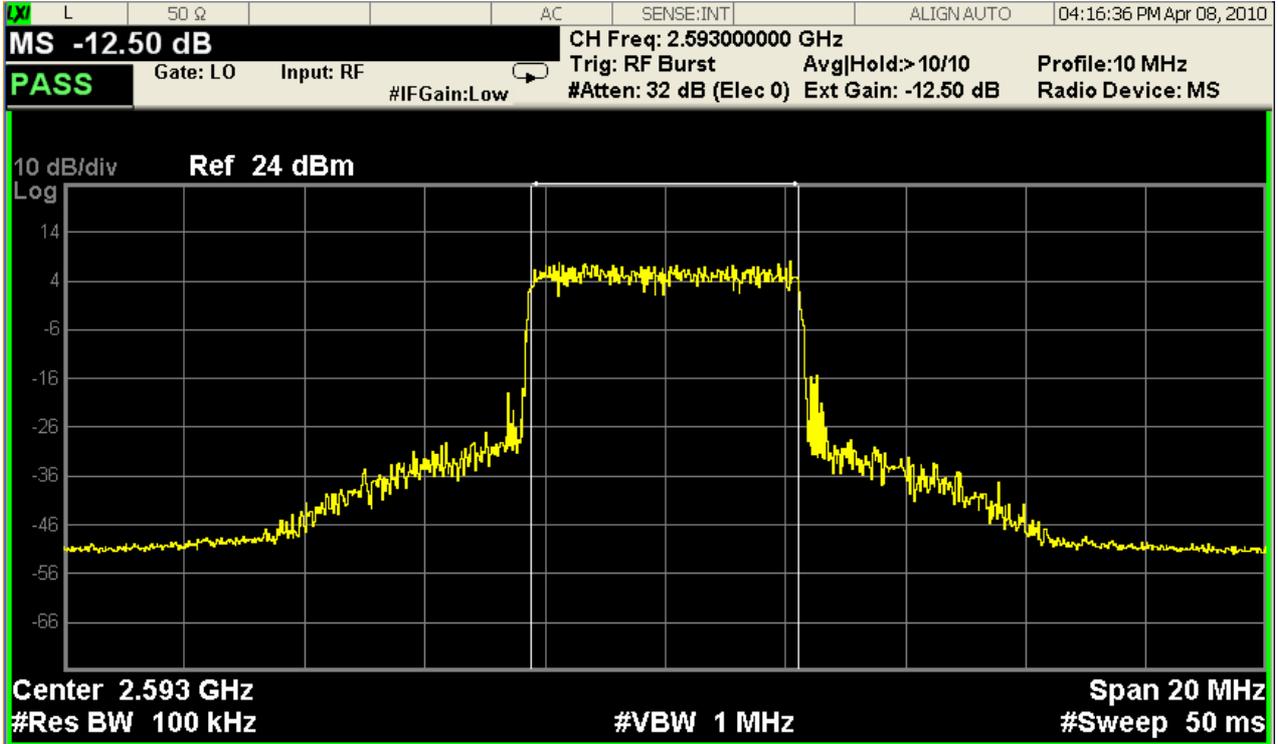
3) TM 3

B





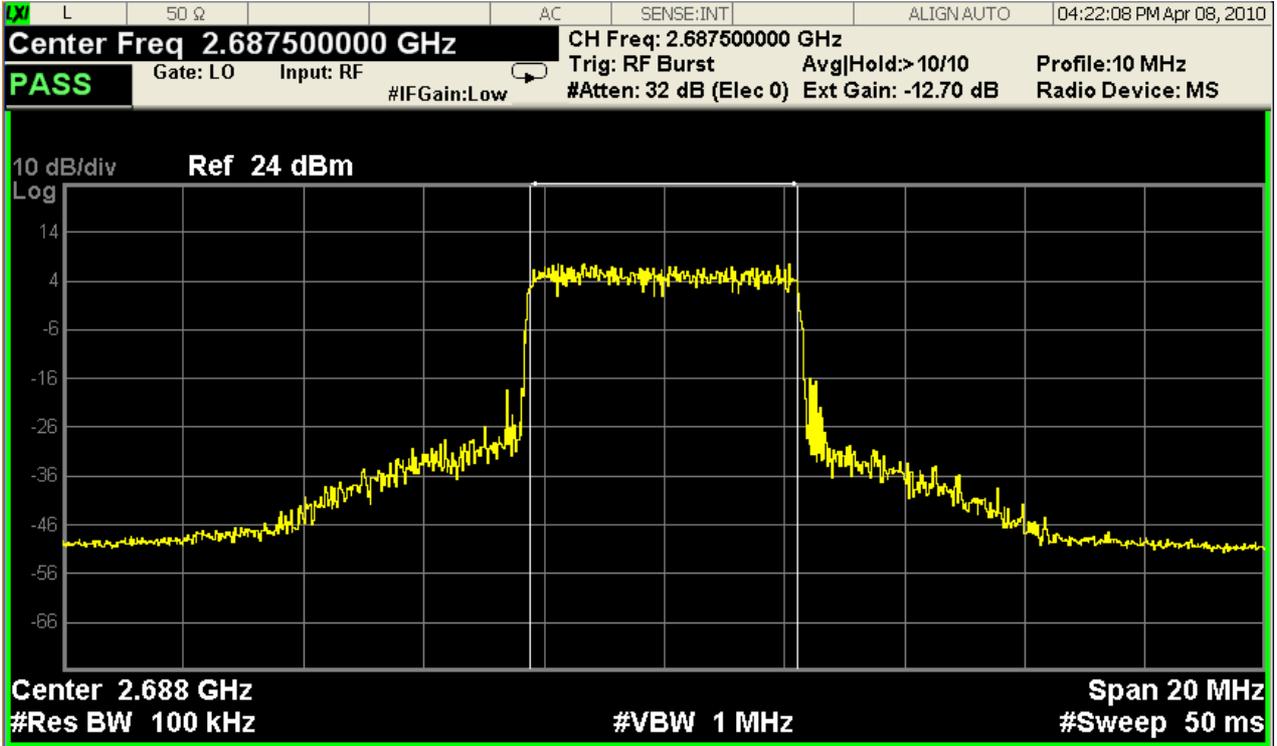
M



Occupied Bandwidth	Total Power	21.57 dBm
4.4549 MHz		
Transmit Freq Error	OBW Power	99.00 %
-6211 Hz	x dB	-26.00 dB
x dB Bandwidth		
4.869 MHz		



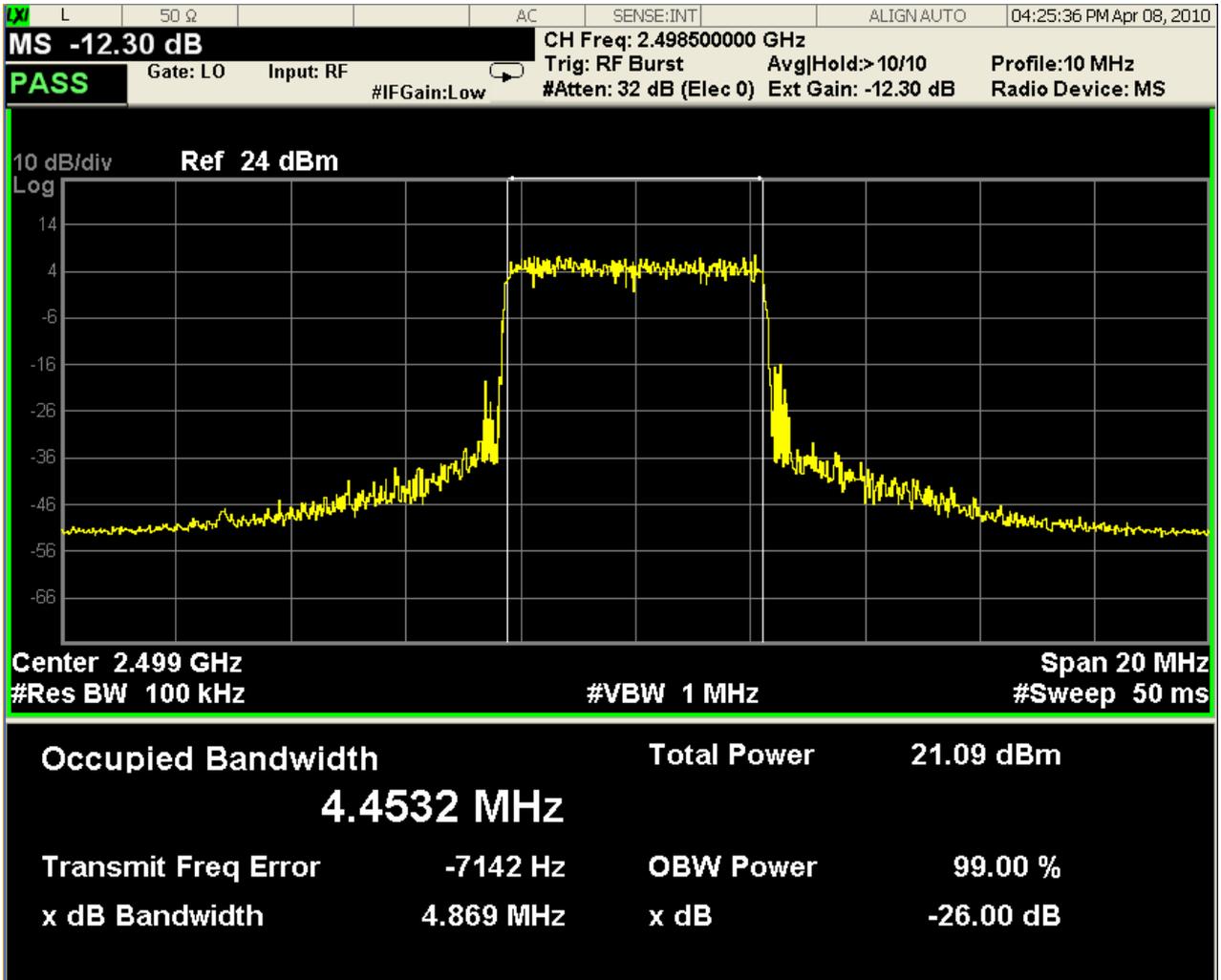
T



Occupied Bandwidth	Total Power	21.36 dBm
4.4540 MHz		
Transmit Freq Error	OBW Power	99.00 %
-8165 Hz	x dB	-26.00 dB
x dB Bandwidth		
4.890 MHz		

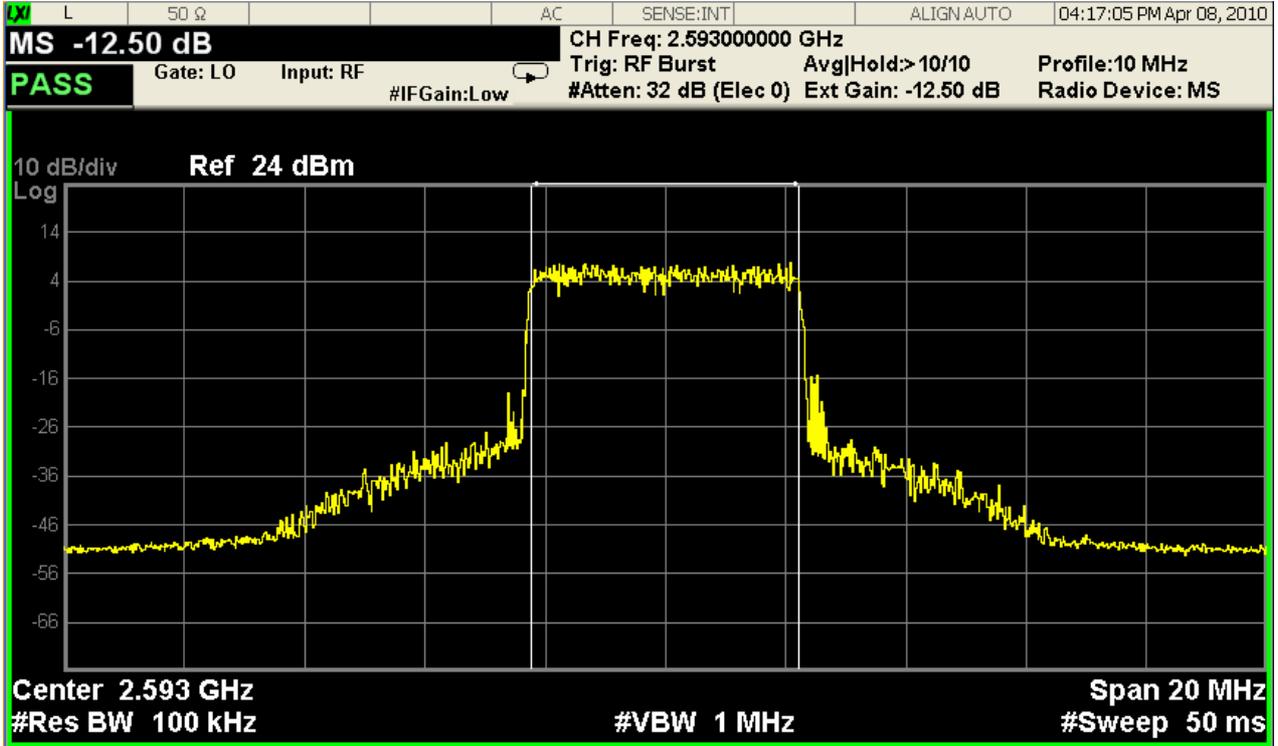
4) TM 4

B





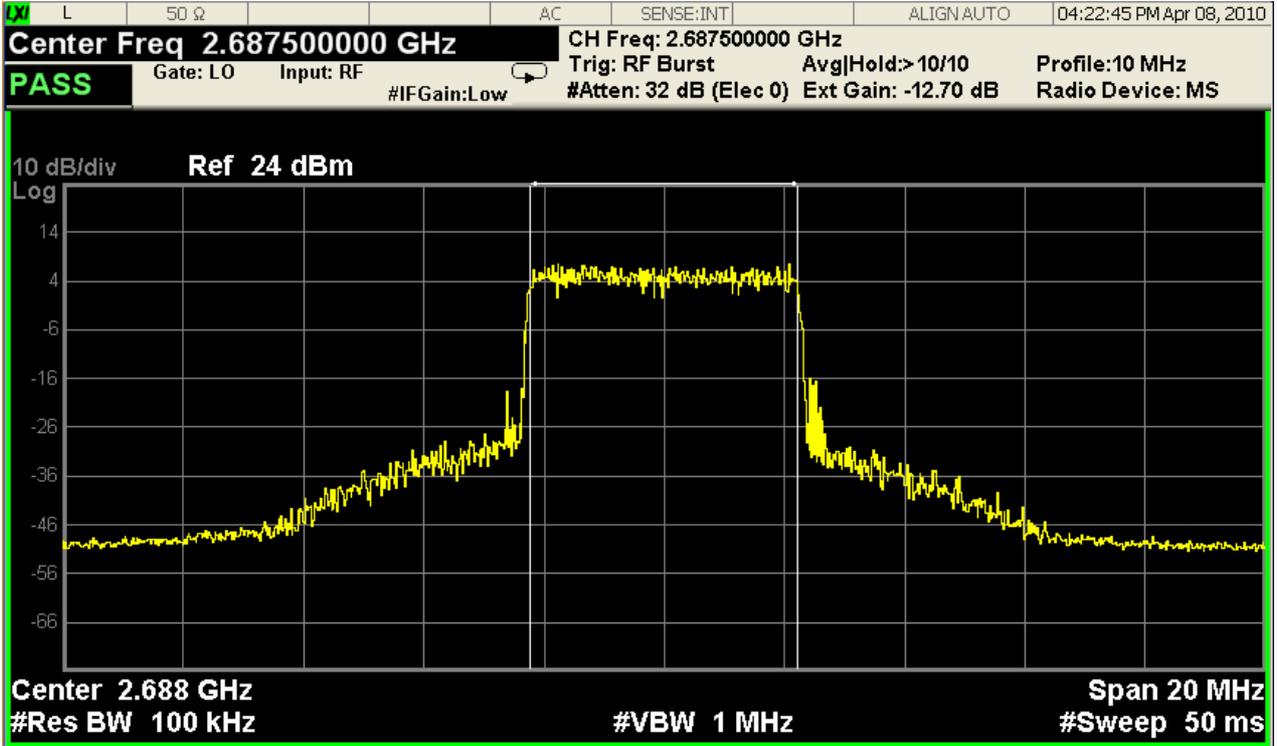
M



Occupied Bandwidth	Total Power	21.51 dBm
4.4548 MHz		
Transmit Freq Error	OBW Power	99.00 %
-6183 Hz	x dB	-26.00 dB
x dB Bandwidth		
4.869 MHz		



T

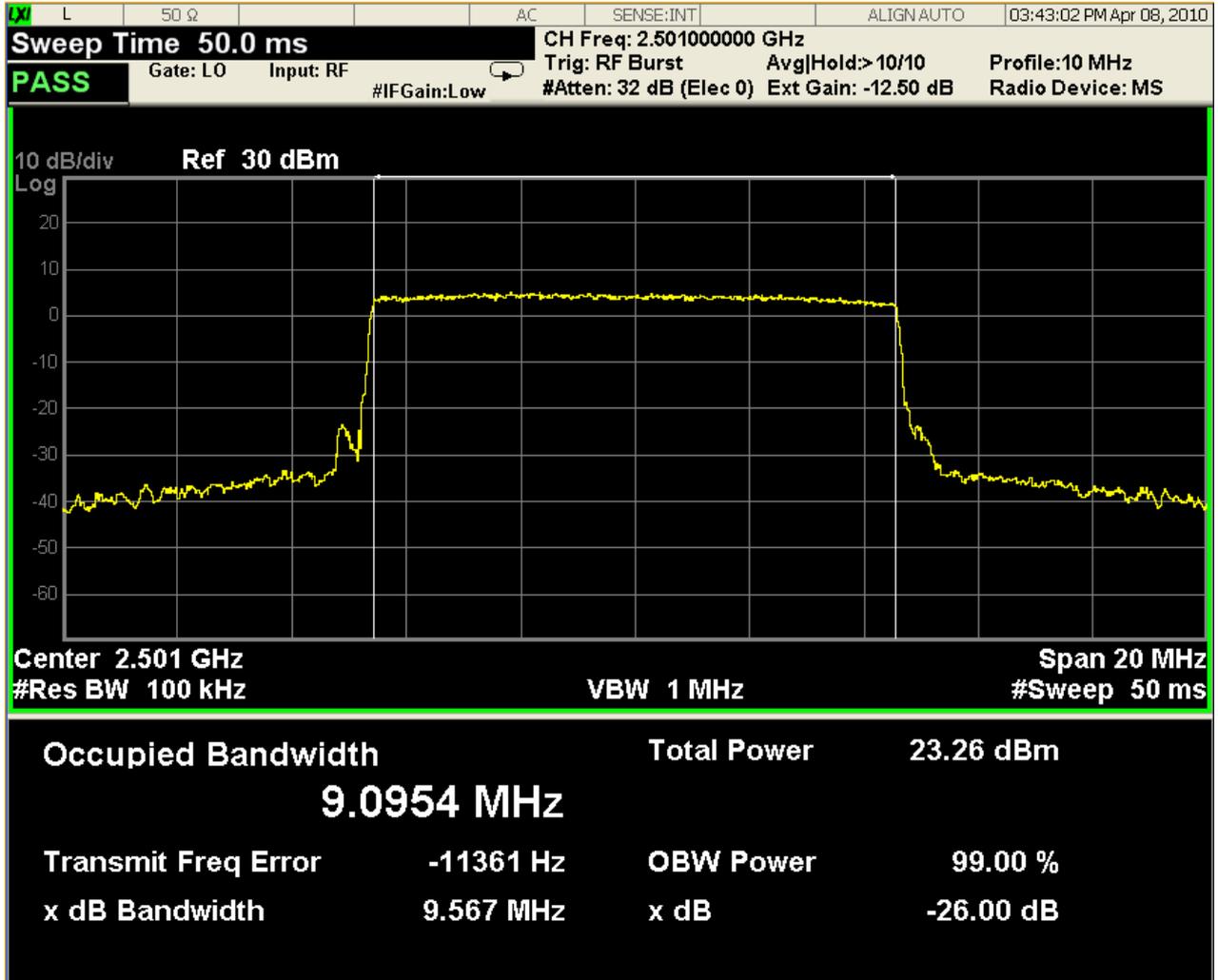


Occupied Bandwidth	Total Power	21.22 dBm
4.4542 MHz		
Transmit Freq Error	OBW Power	99.00 %
-8089 Hz	x dB	-26.00 dB
x dB Bandwidth		
4.890 MHz		

2. Channel Bandwidth = 10 MHz

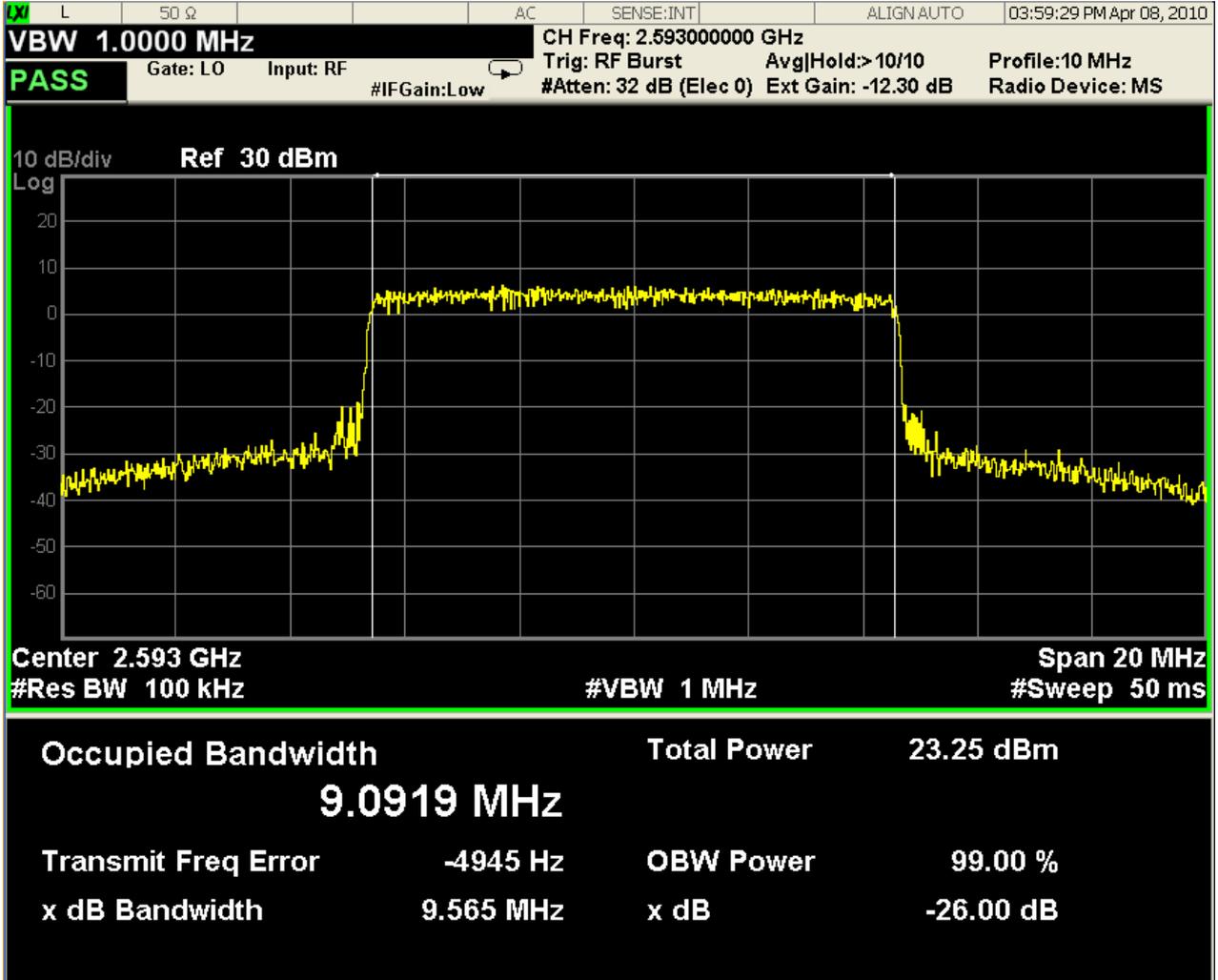
1) TM 1

B



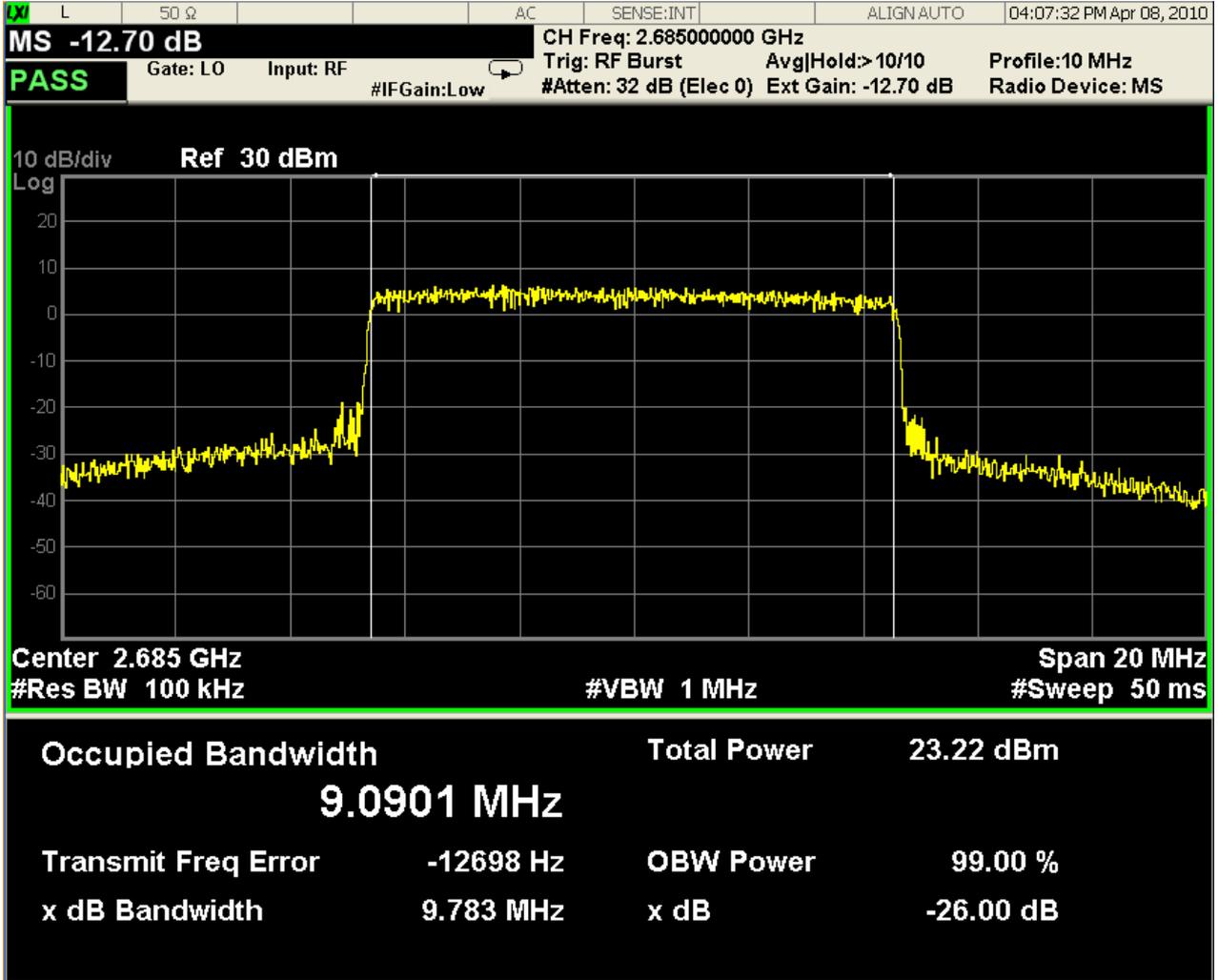


M





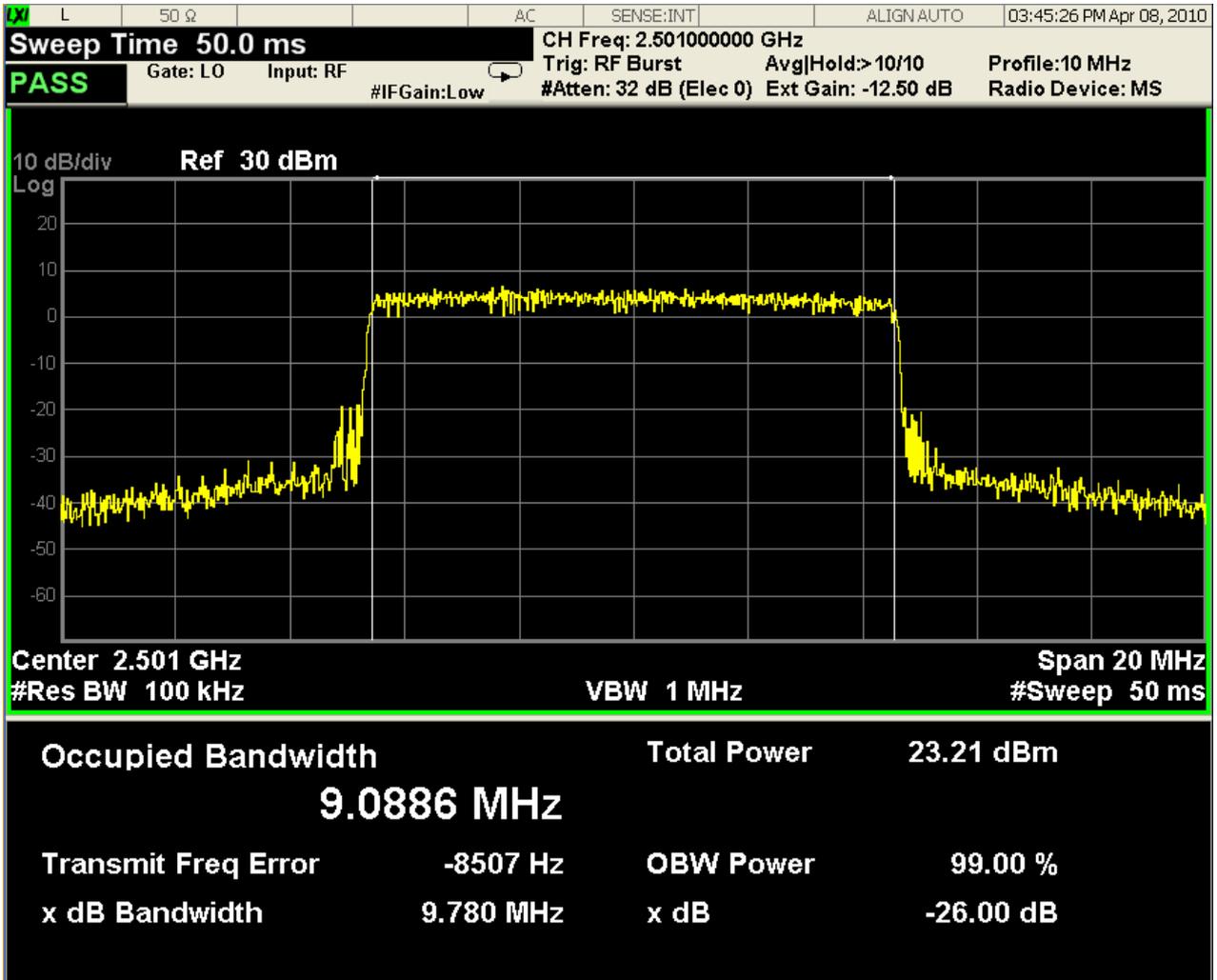
T





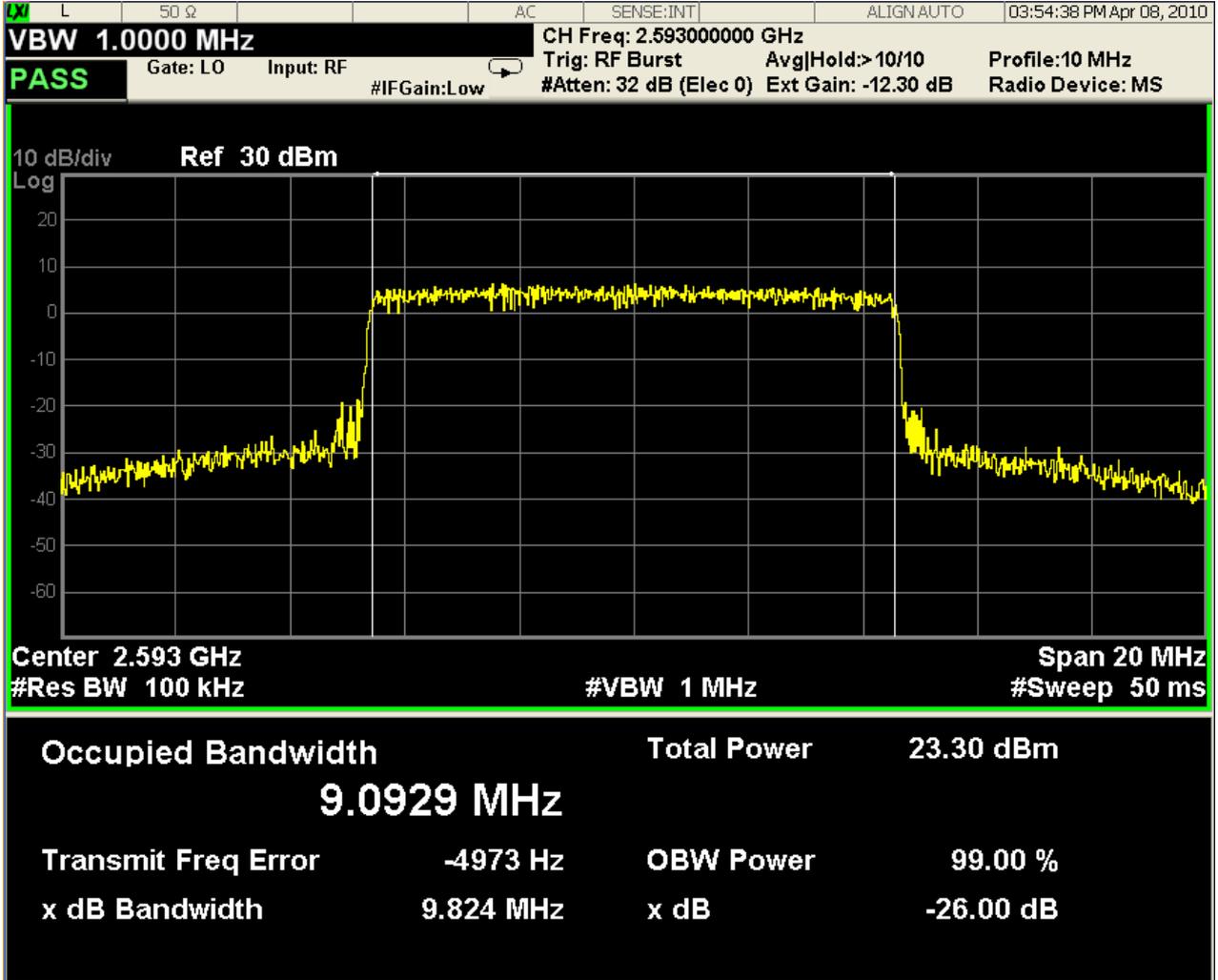
2) TM 2

B



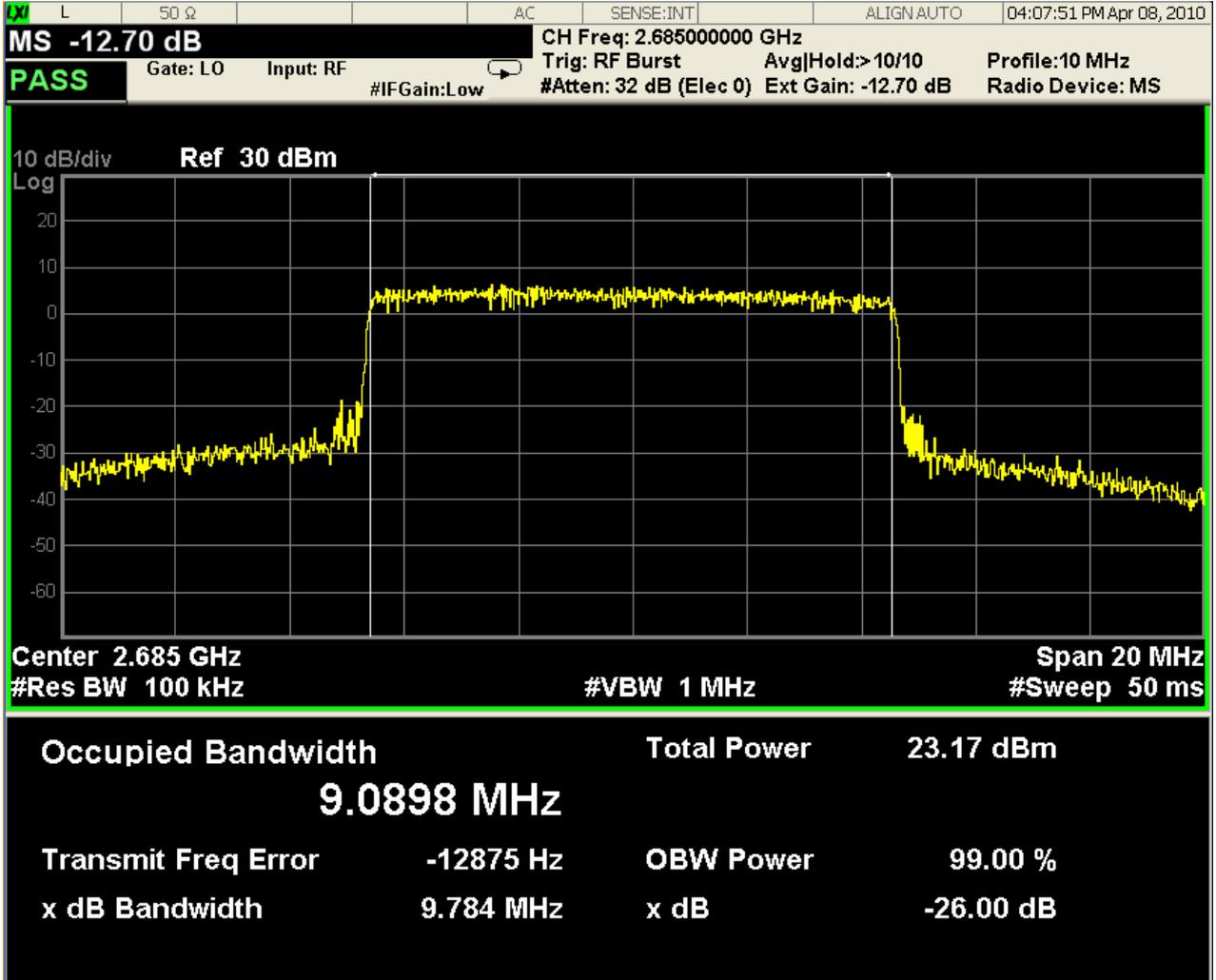


M



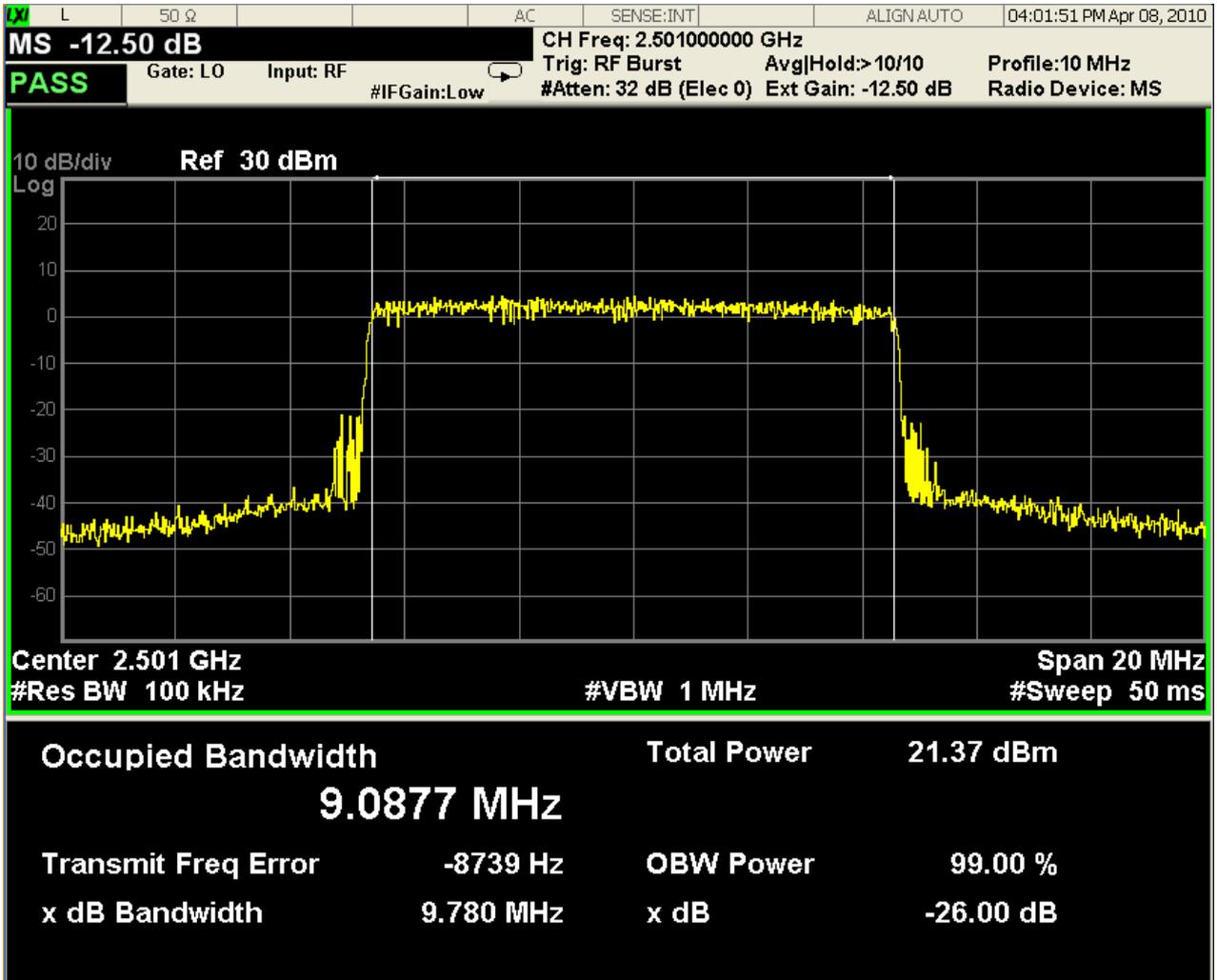


T



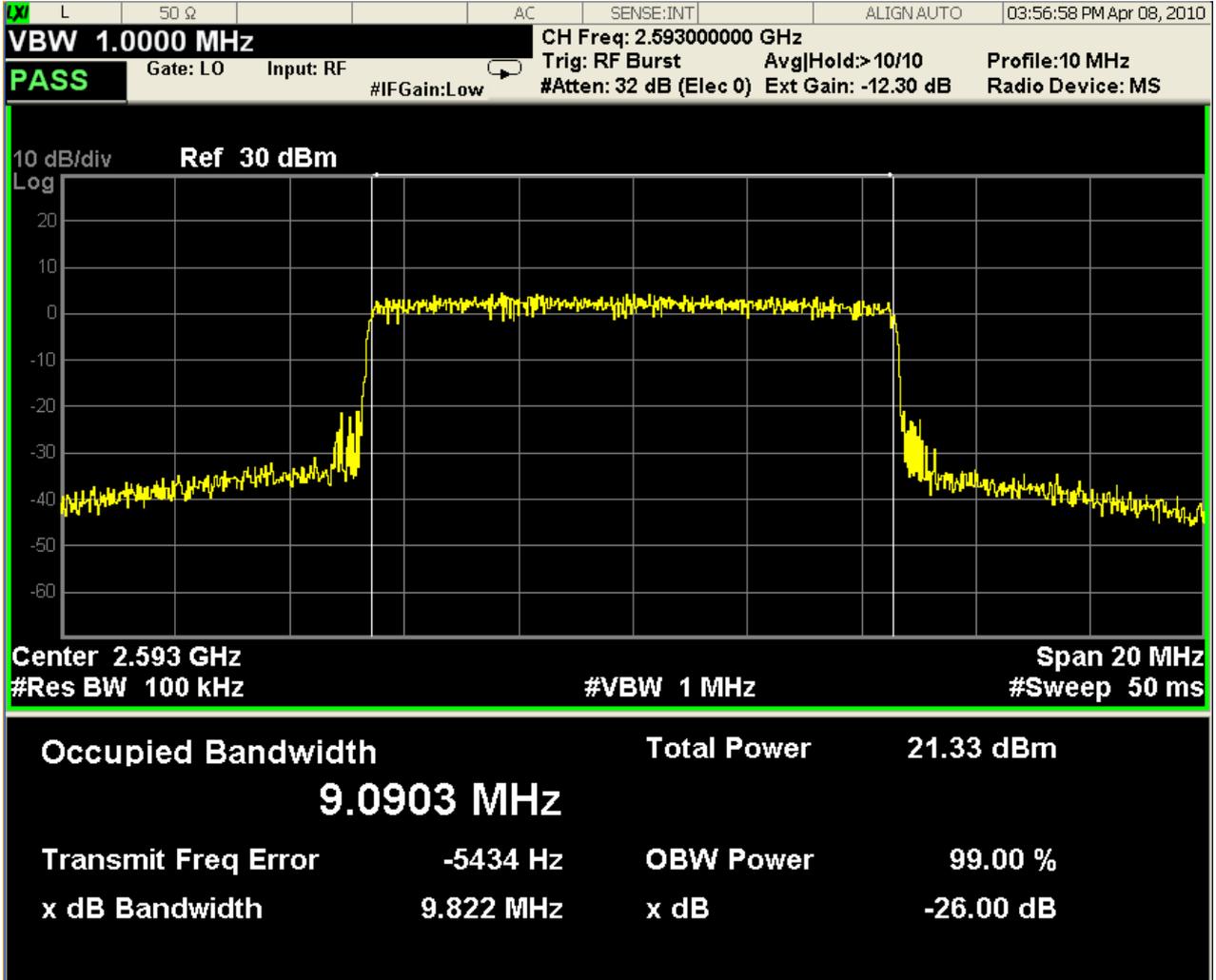
3) TM 3

B



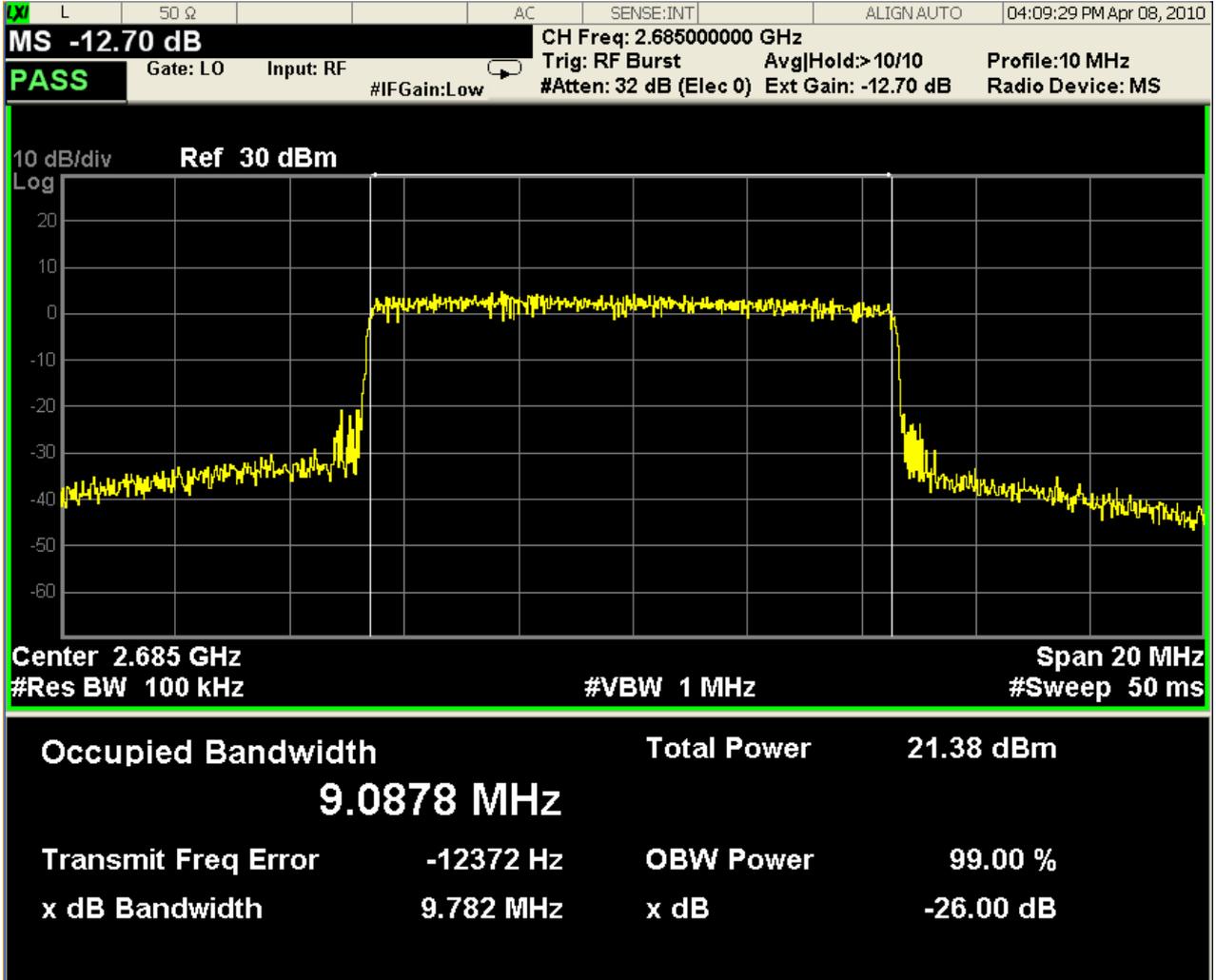


M



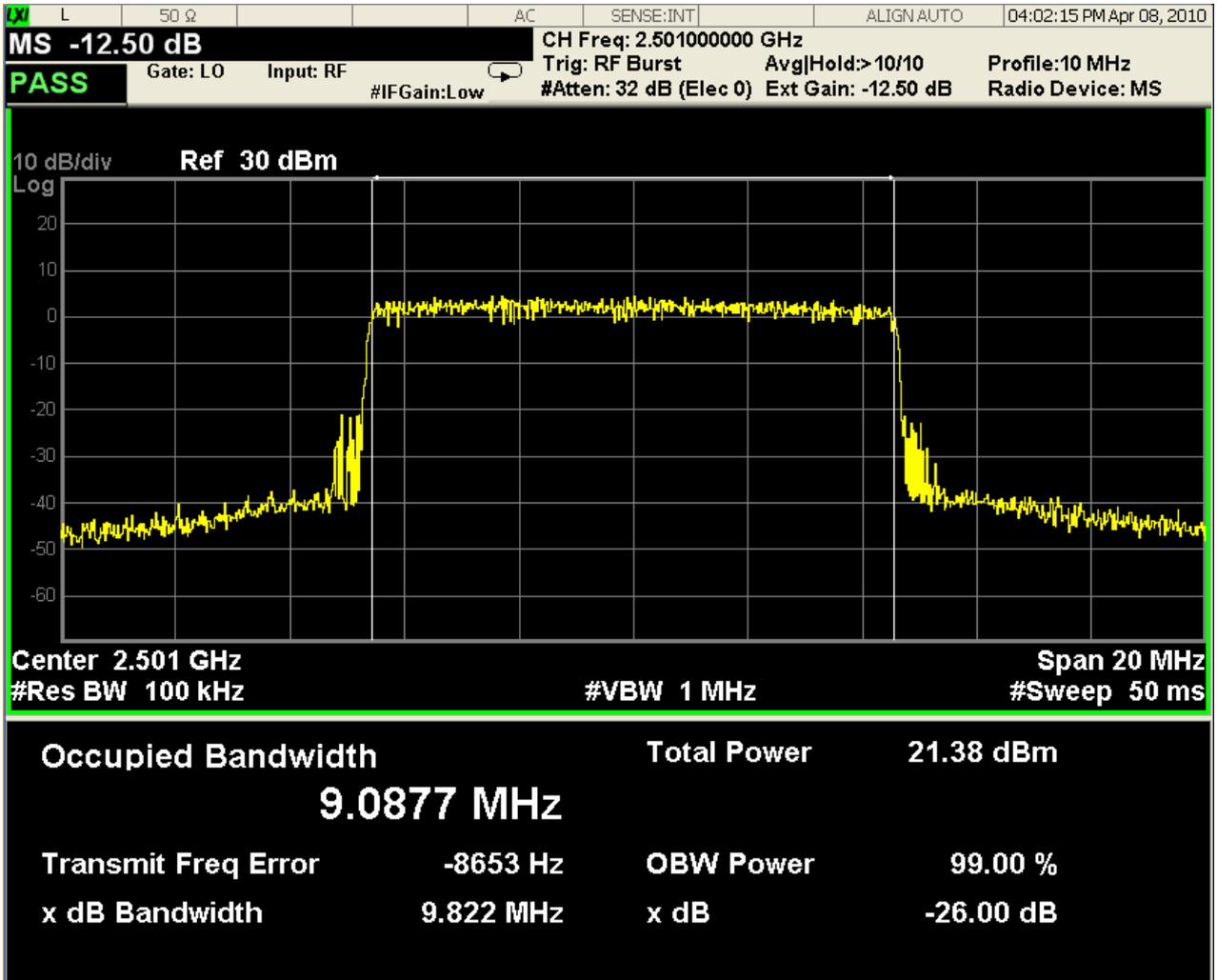


T



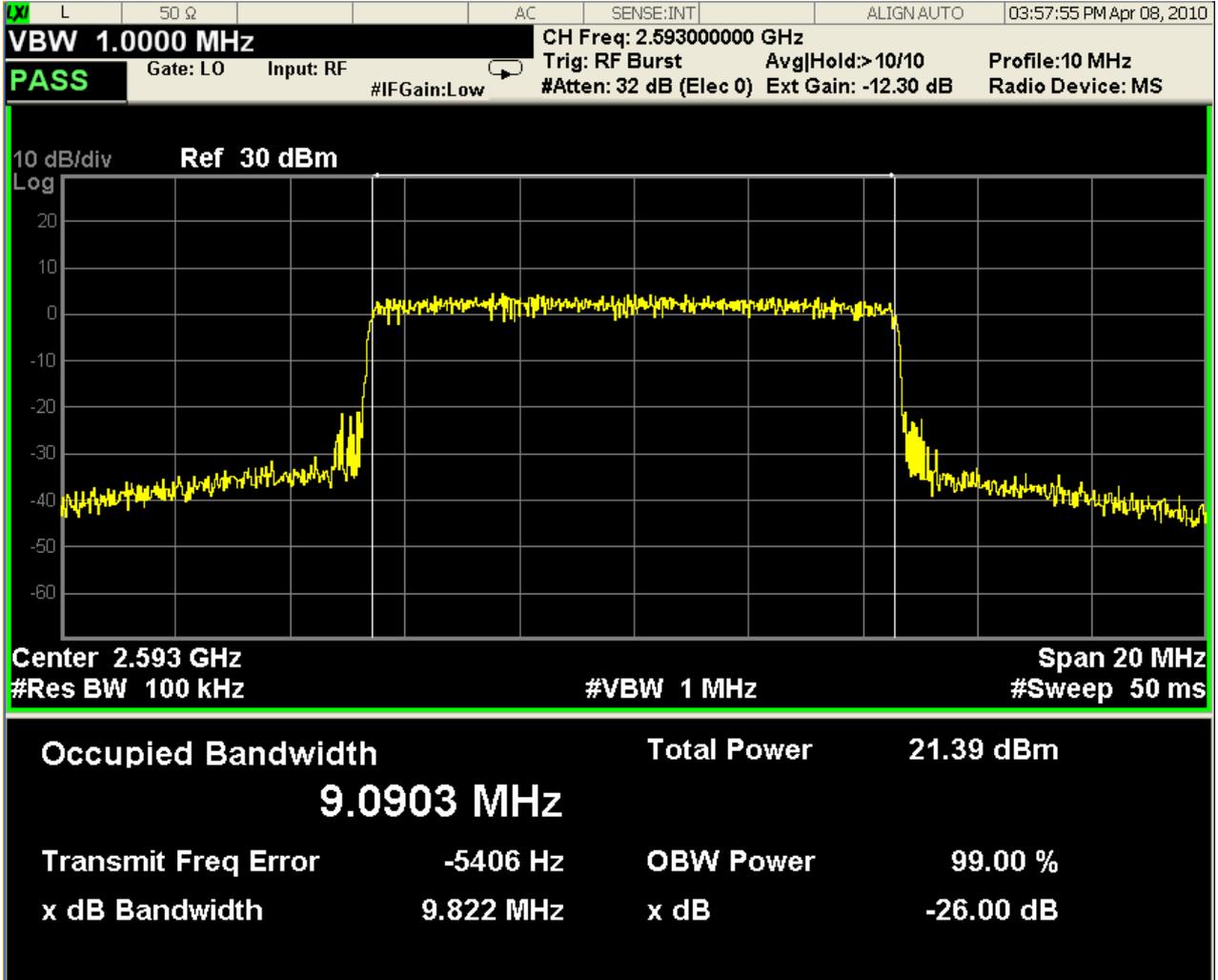
4) TM 4

B



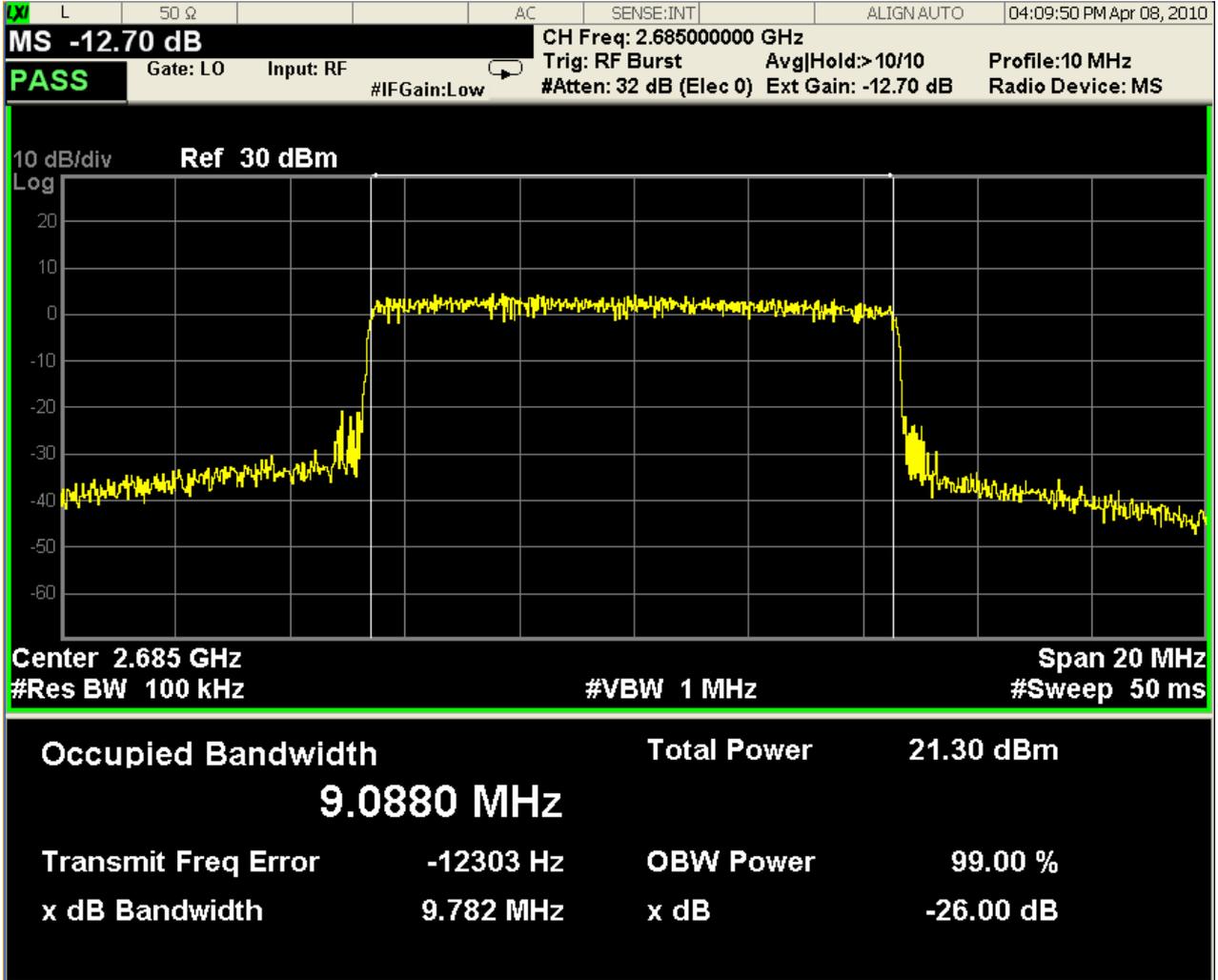


M





T





Appendix C

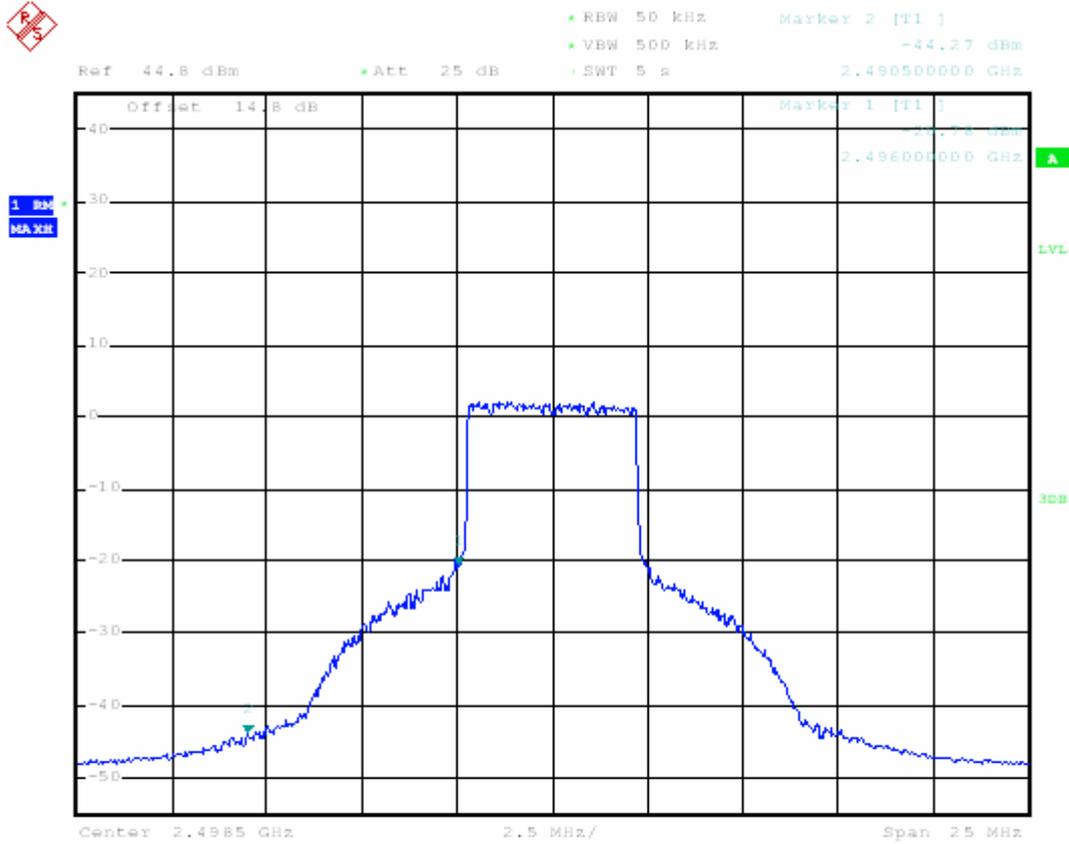
Band Edge Measurement

According to FCC part 2.1051 and part 27.53(m)(4) and part 27.53(m)(6)

1. Channel Bandwidth = 5 MHz

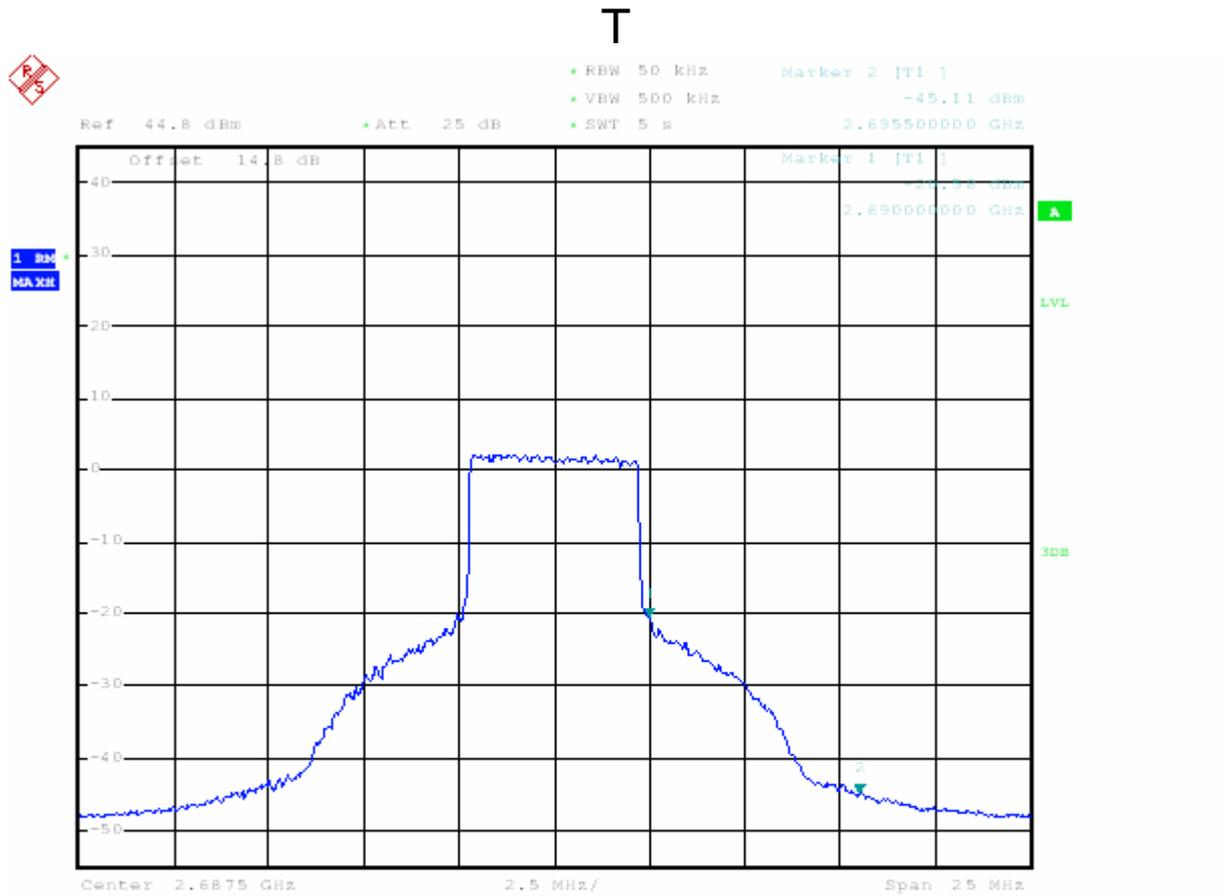
1) TM 1

B



F0

Date: 24.FEB.2010 13:35:00

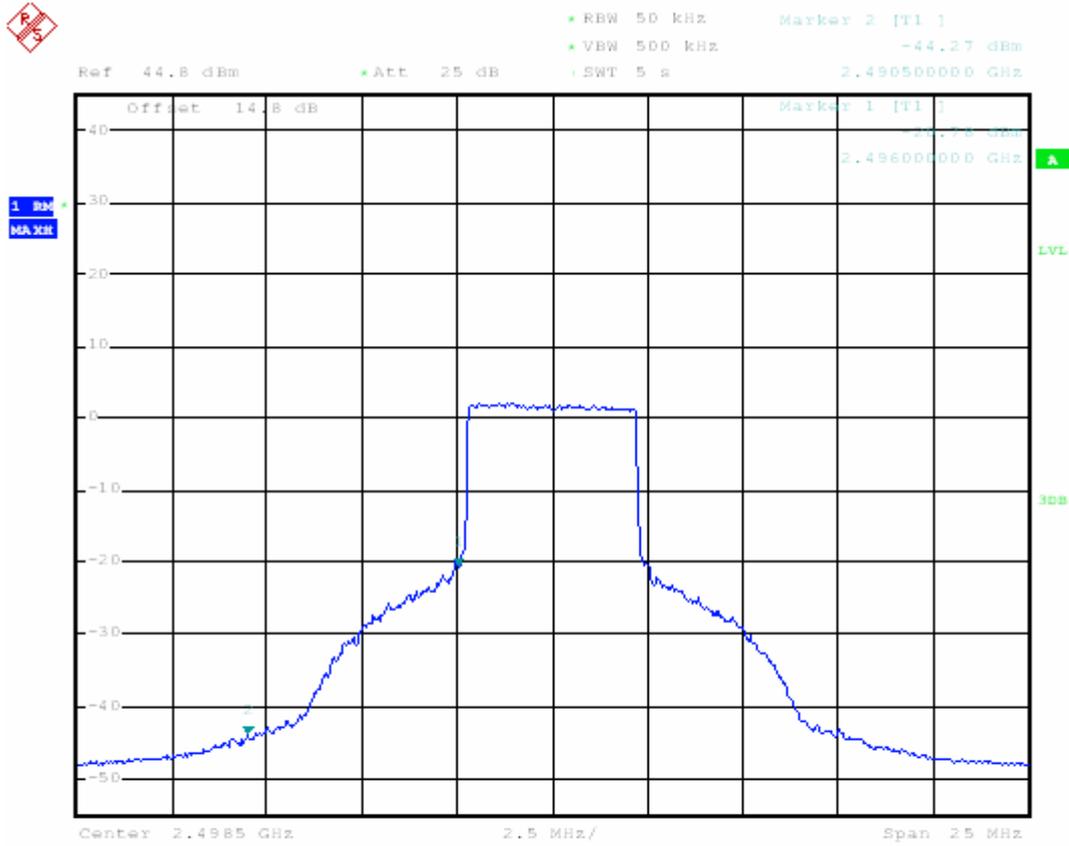


P0

Date: 24.FEB.2010 13:39:28

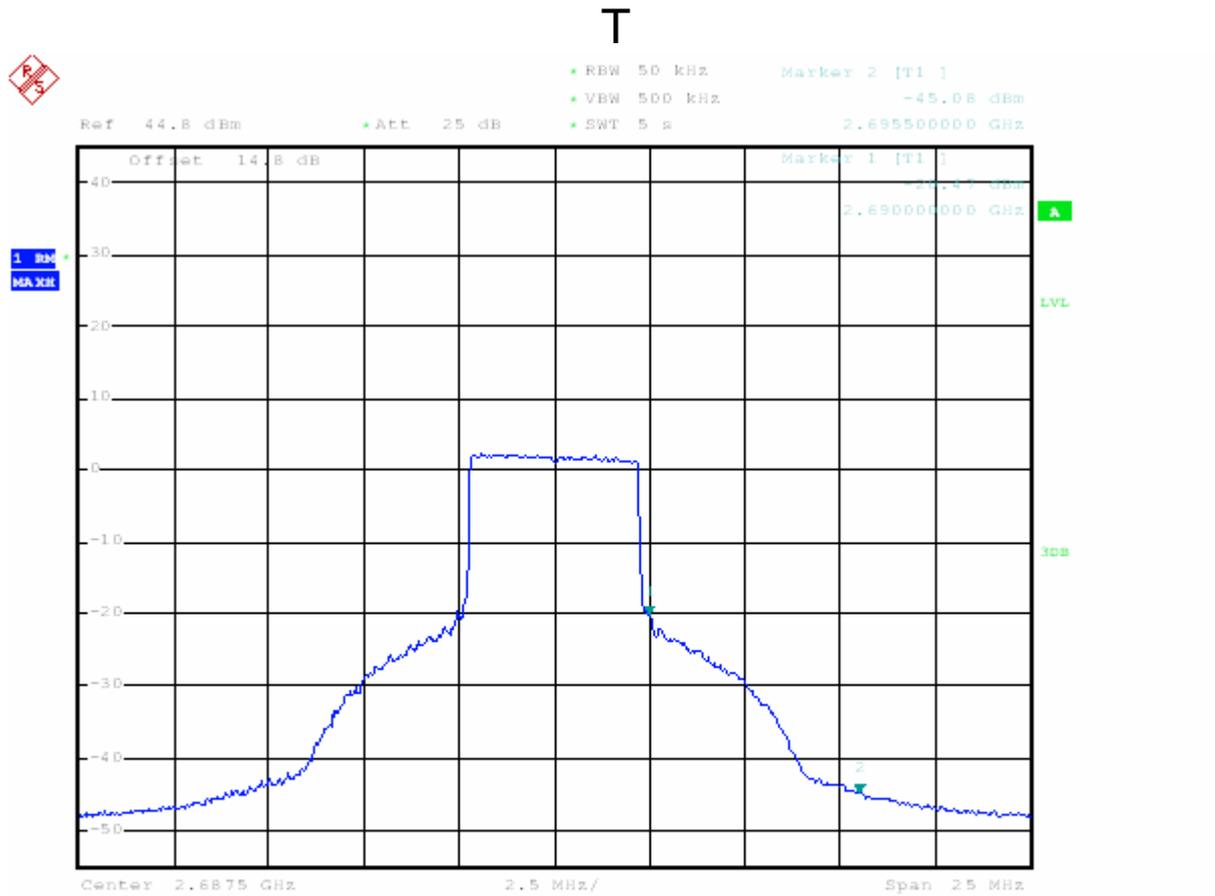
2) TM 2

B



P0

Date: 24.FEB.2010 13:35:09

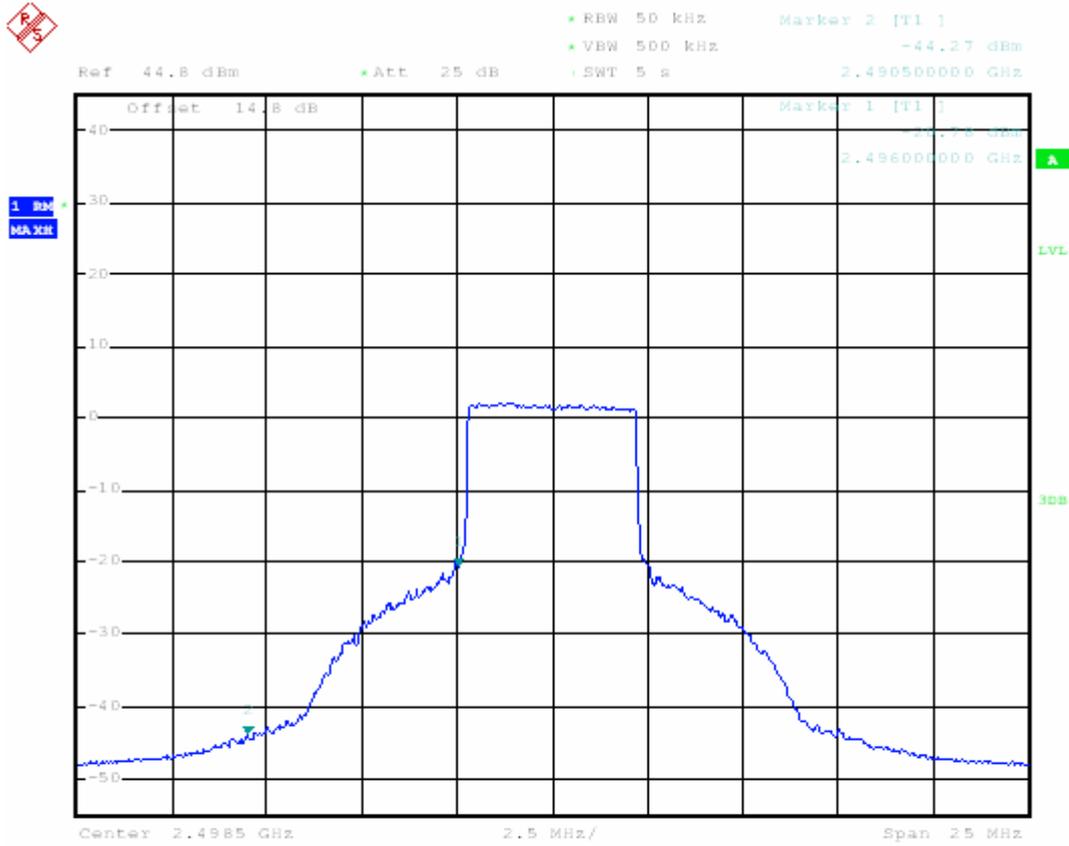


P0

Date: 24.FEB.2010 13:40:05

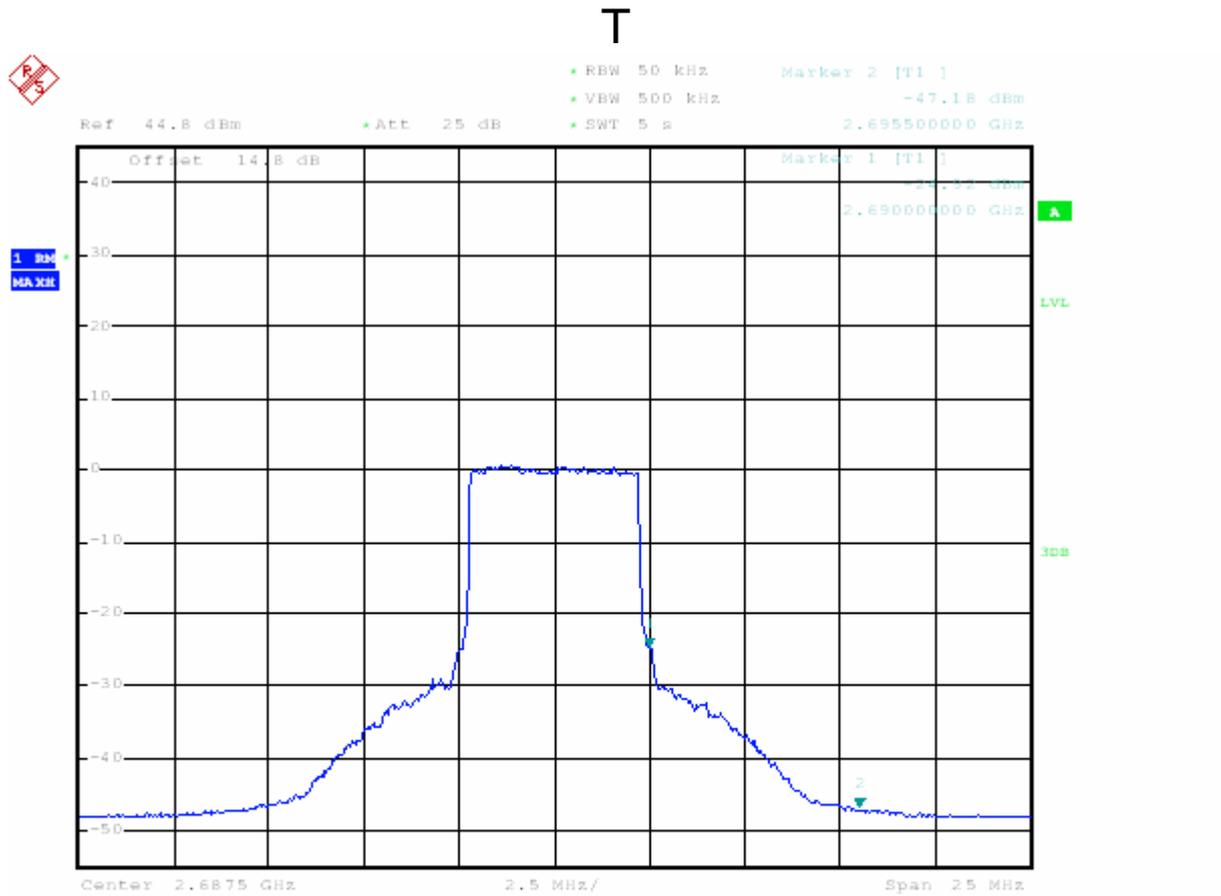
3) TM 3

B



F0

Date: 24.FEB.2010 13:36:47

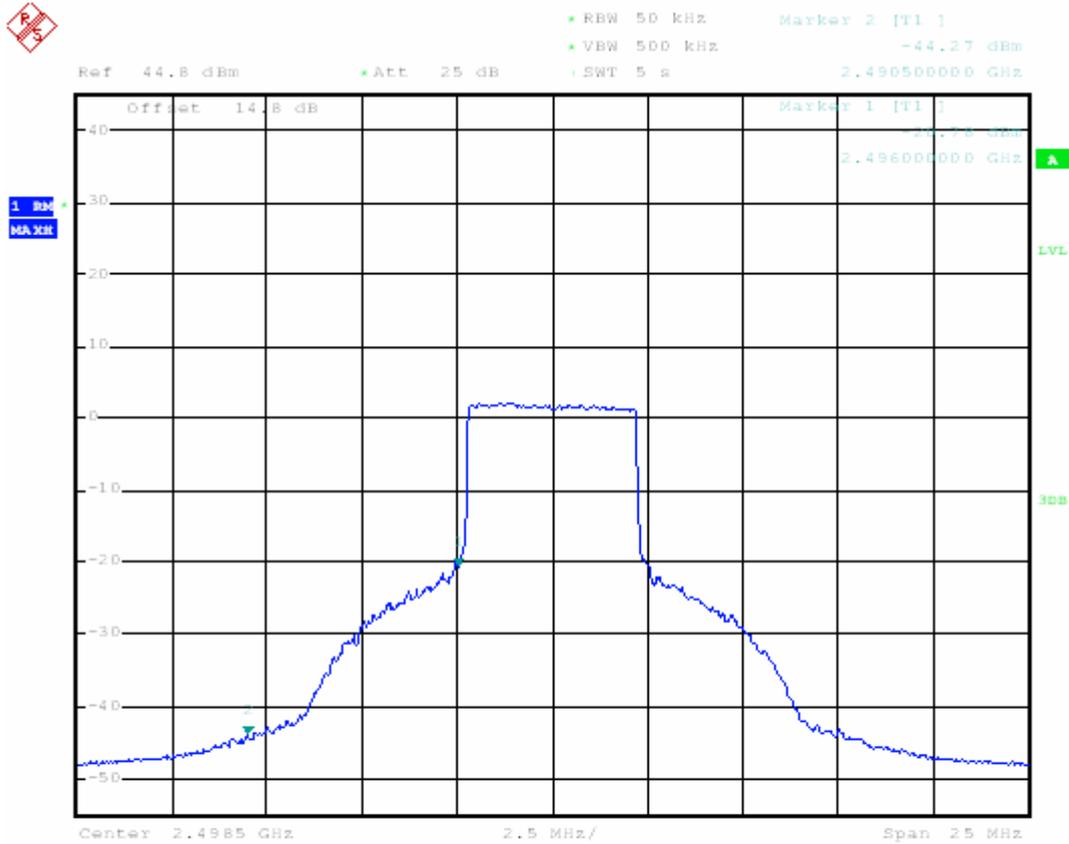


P0

Date: 24.FEB.2010 13:38:44

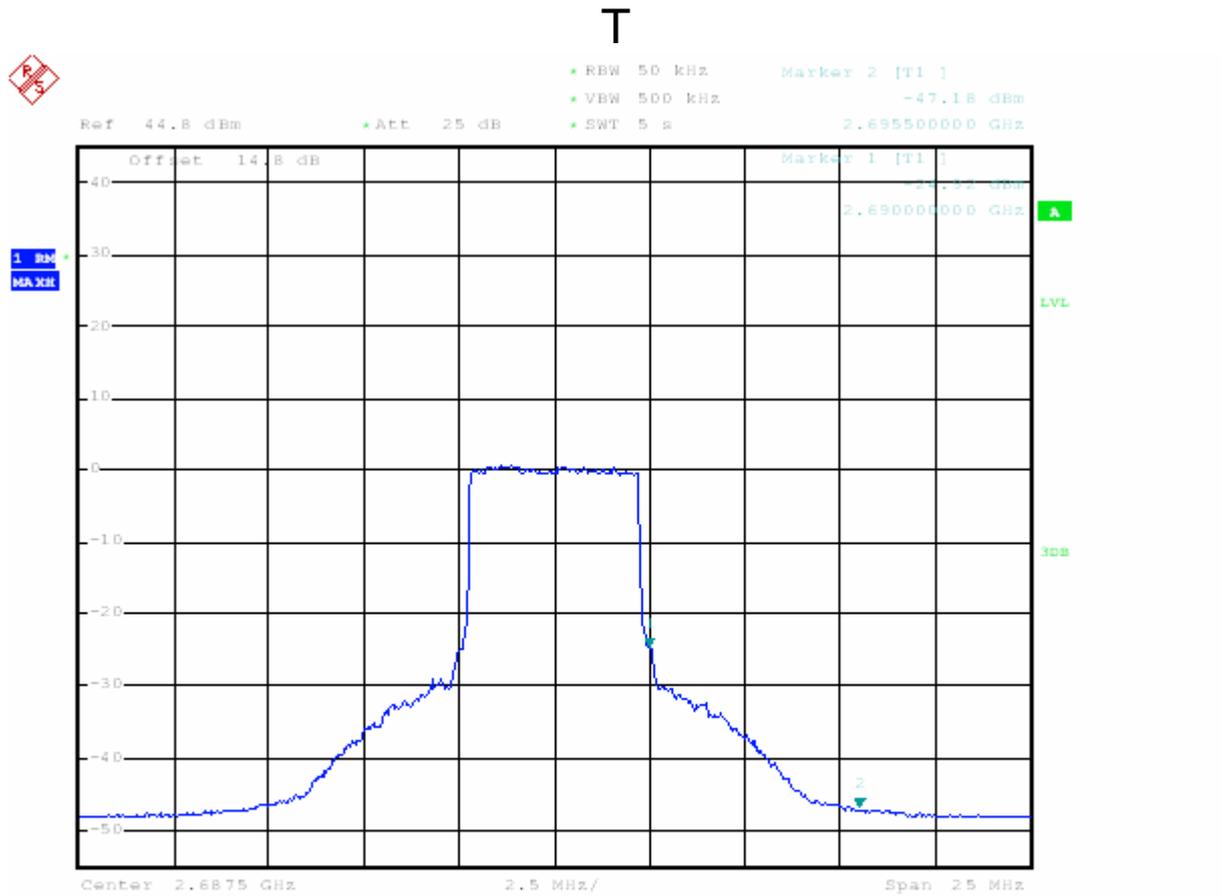
4) TM 4

B



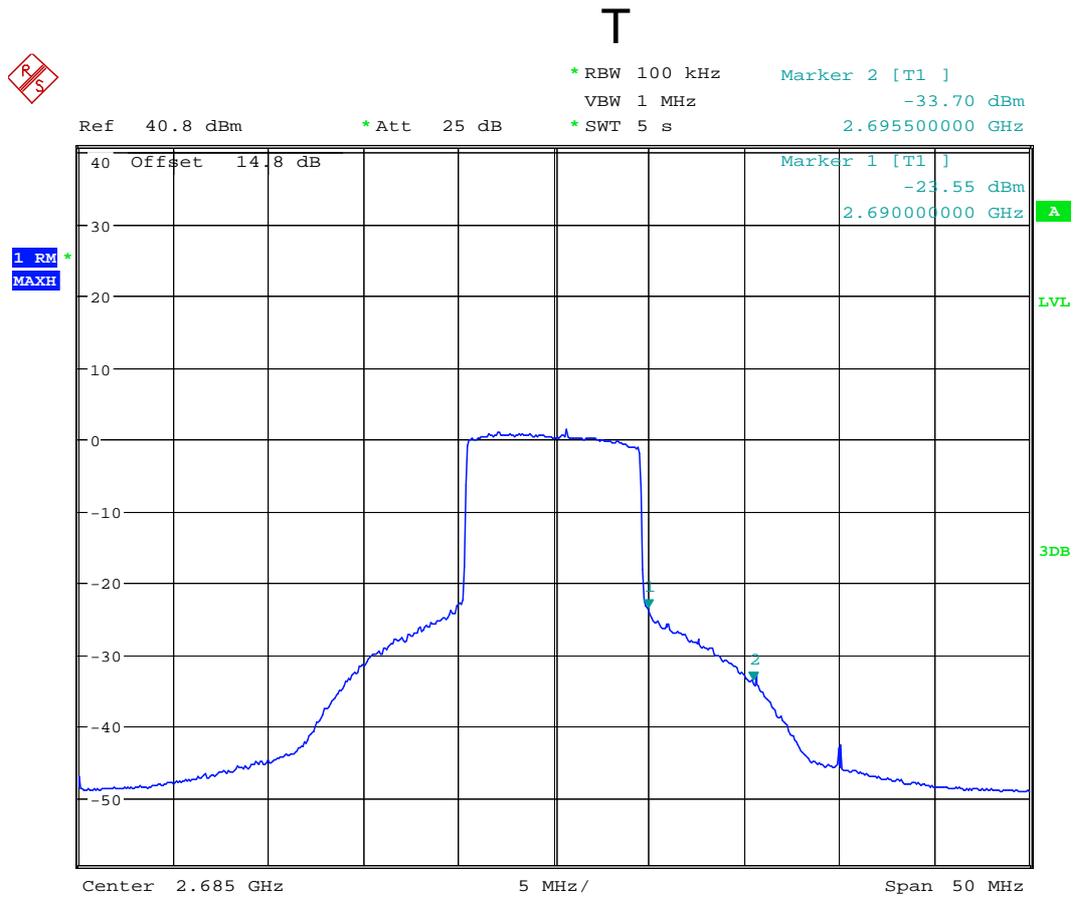
P0

Date: 24.FEB.2010 13:36:56



P0

Date: 24.FEB.2010 13:38:52

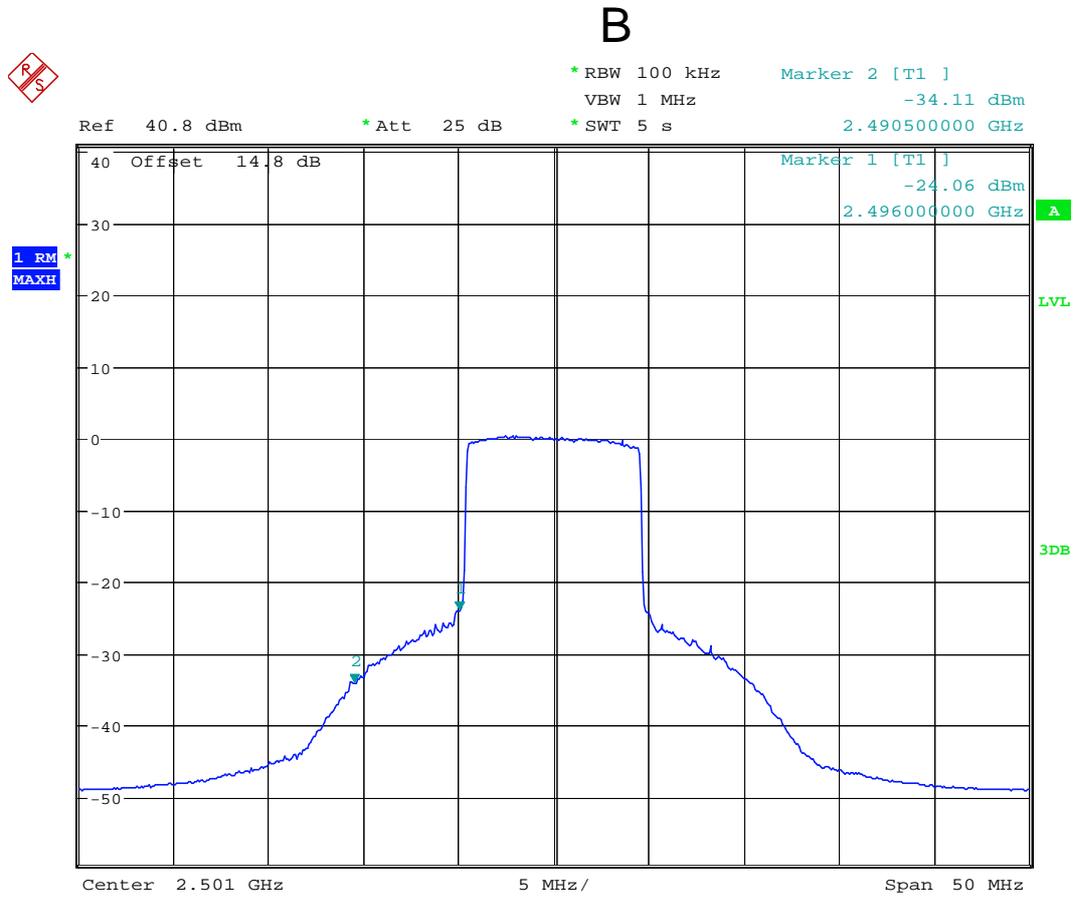


PO

Date: 24.FEB.2010 13:23:32

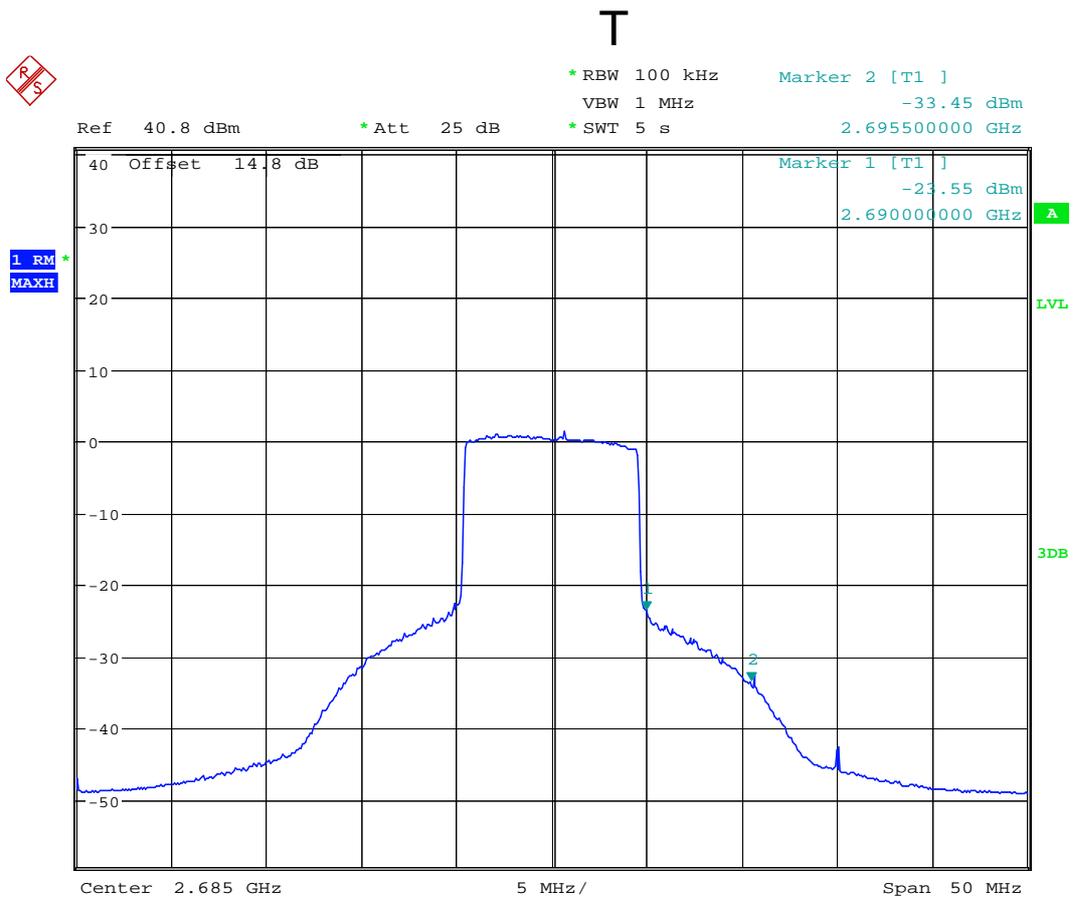


2) TM 2



PO

Date: 24.FEB.2010 13:19:53

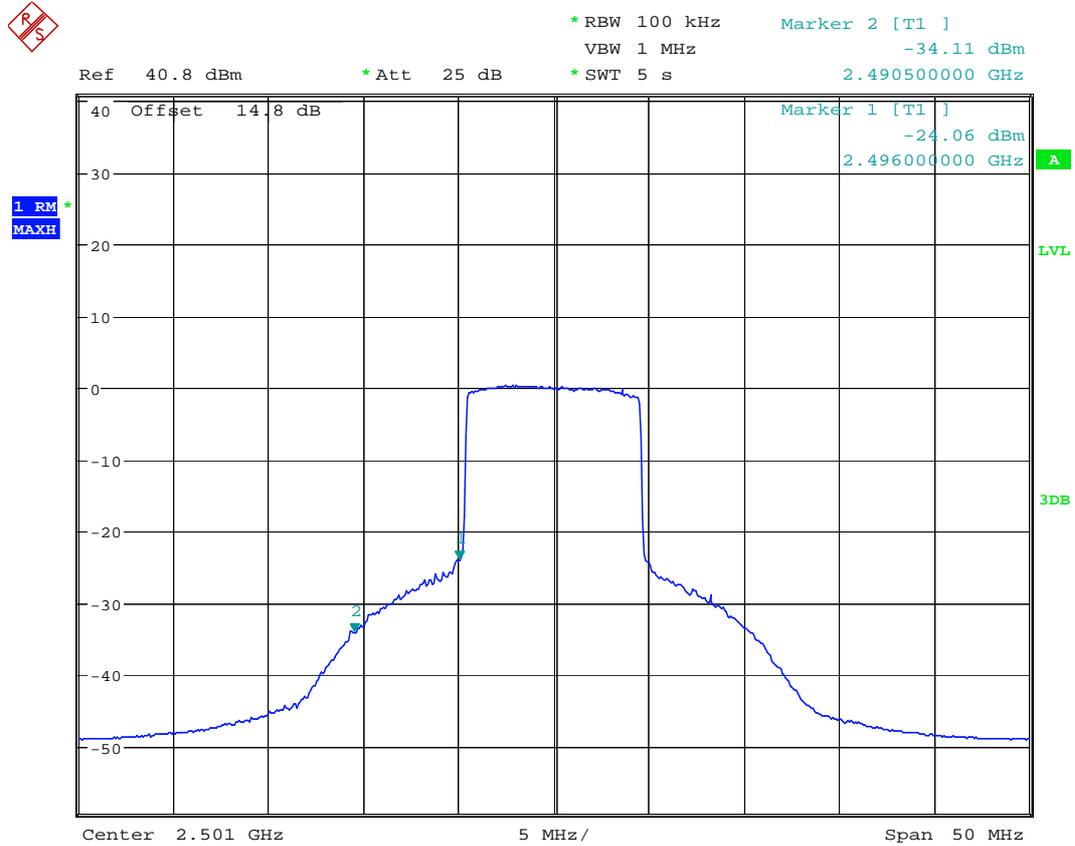


PO

Date: 24.FEB.2010 13:23:54

3) TM 3

B

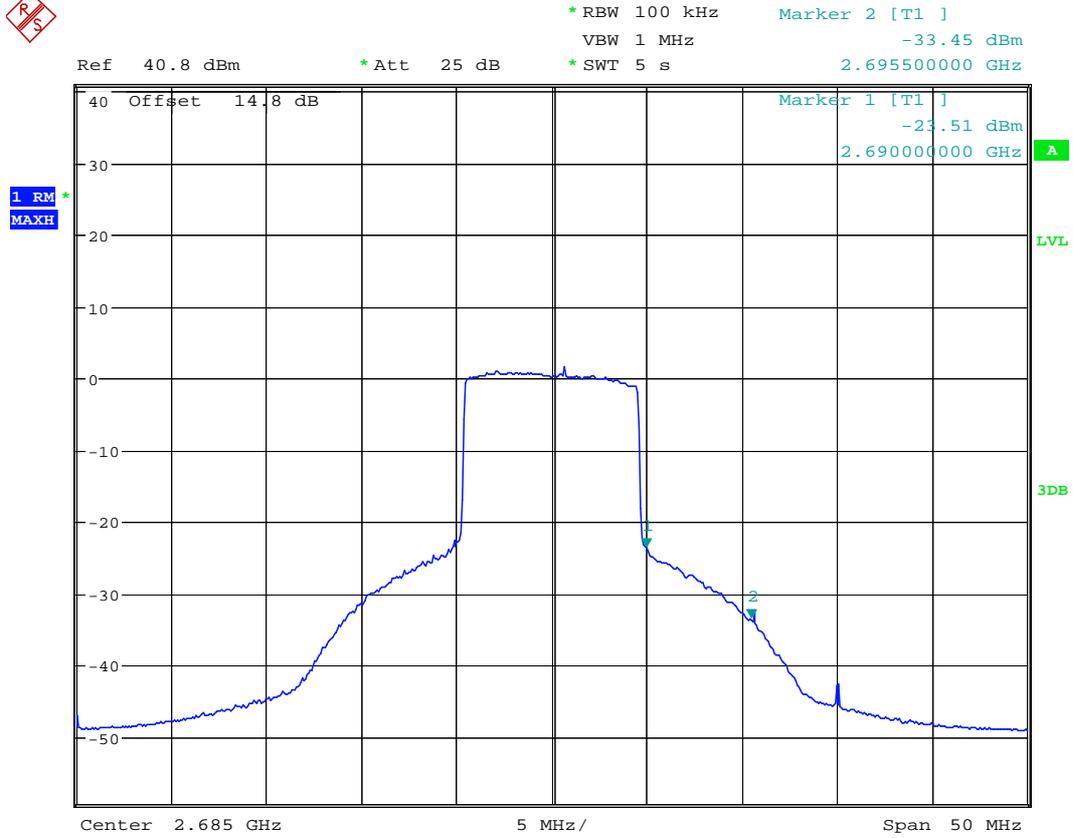


PO

Date: 24.FEB.2010 13:20:30



T

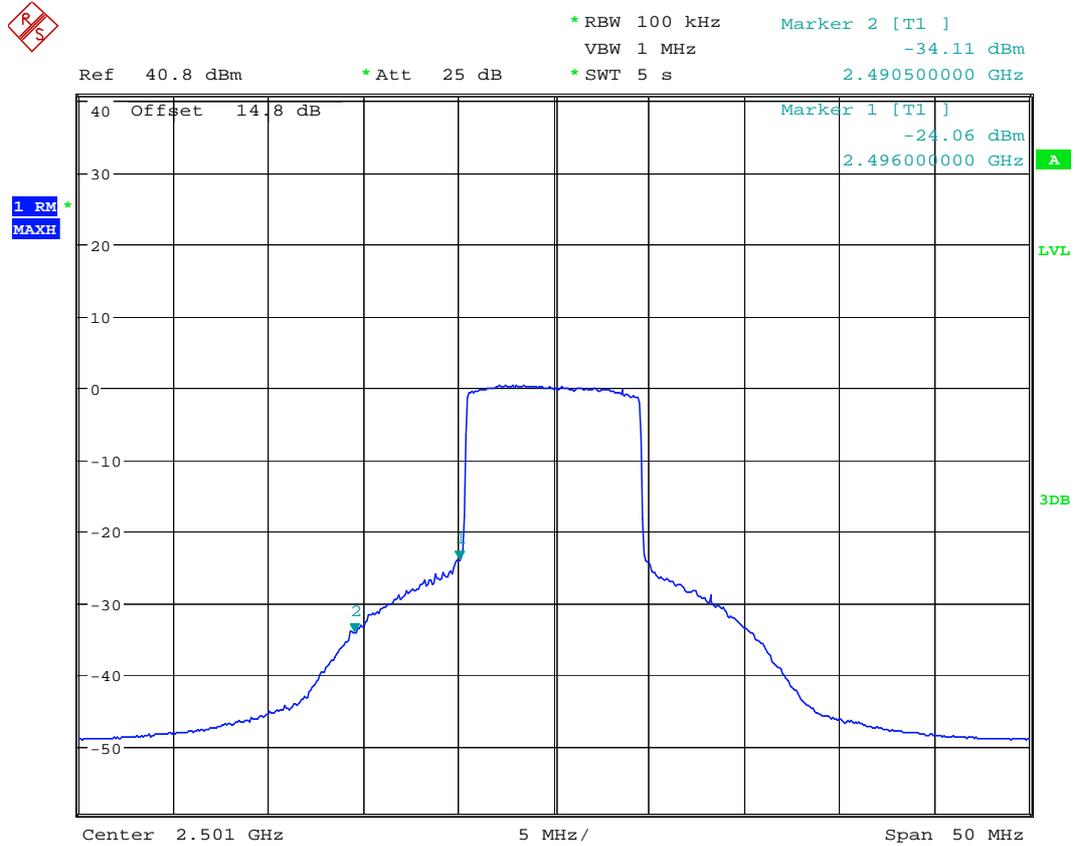


PO

Date: 24.FEB.2010 13:25:07

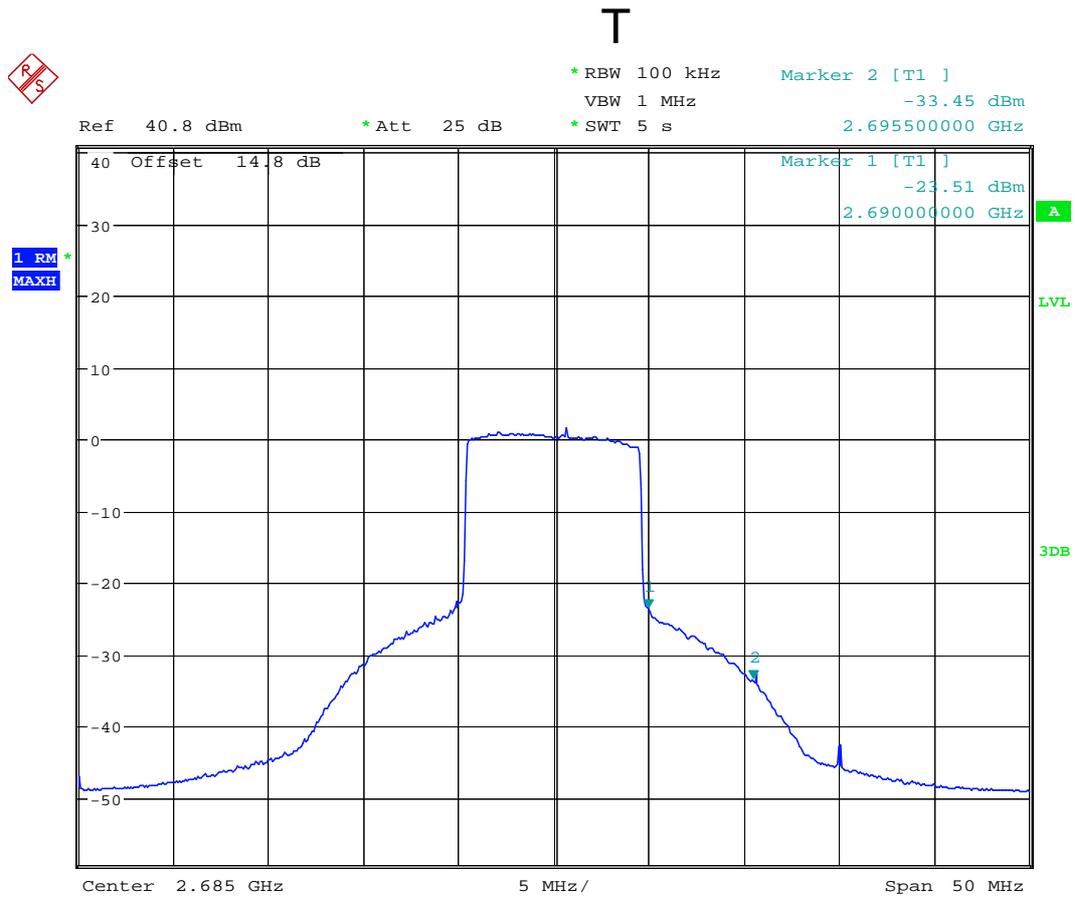
4) TM 4

B



PO

Date: 24.FEB.2010 13:21:02



PO

Date: 24.FEB.2010 13:25:37



Appendix D

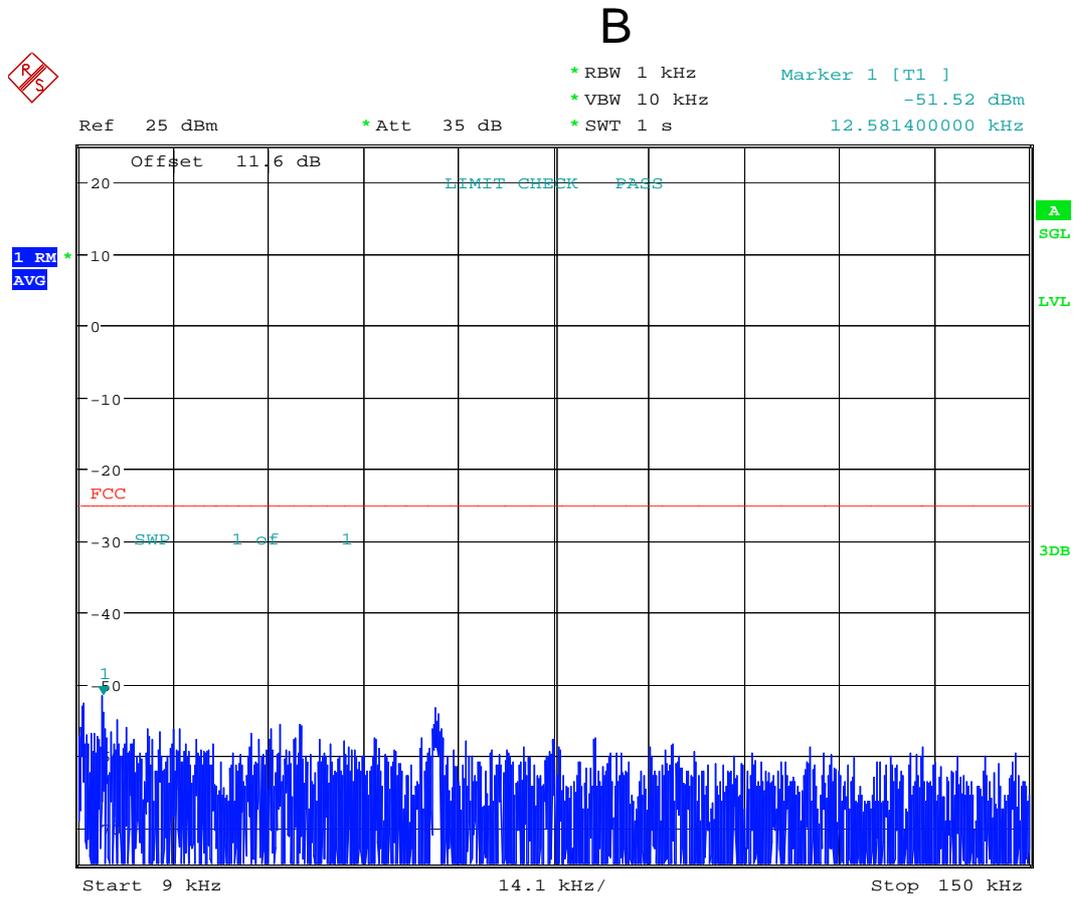
Spurious Emission at Antenna Terminal Measurement

According to FCC part 2.1051 and part 27.53(m)(4) and part
27.53(m)(6)



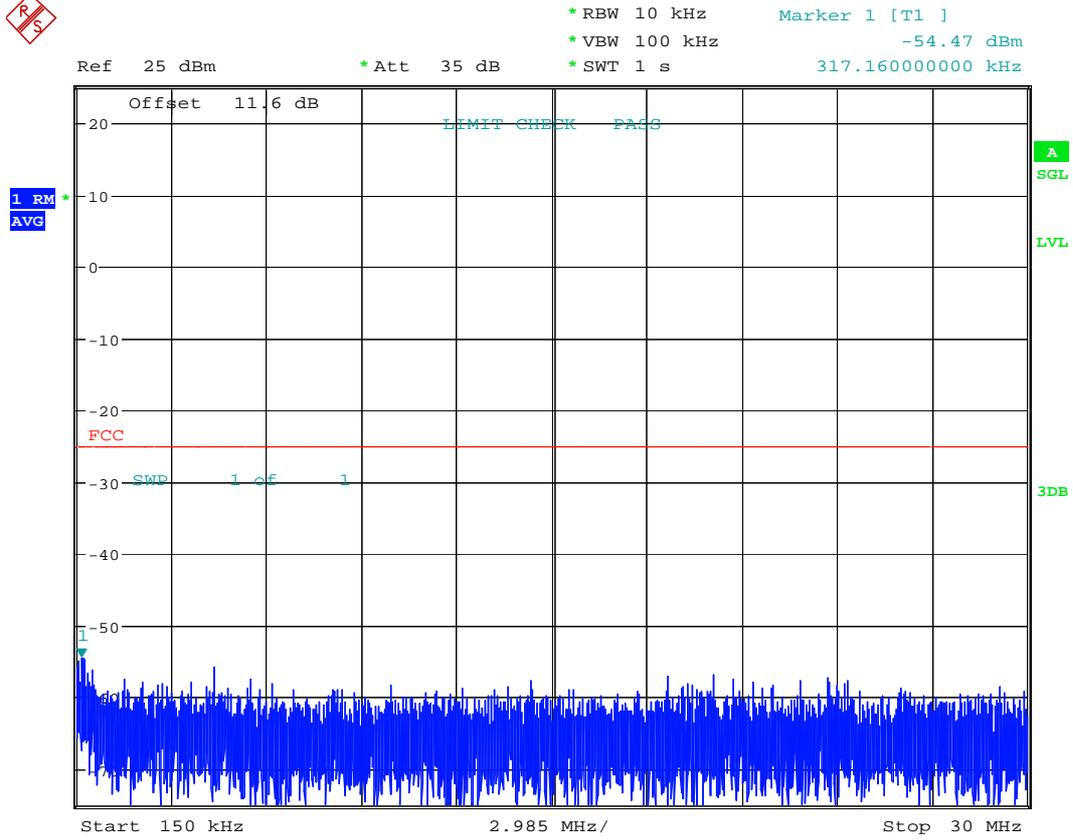
1. Channel Bandwidth = 5 MHz

1) TM 1



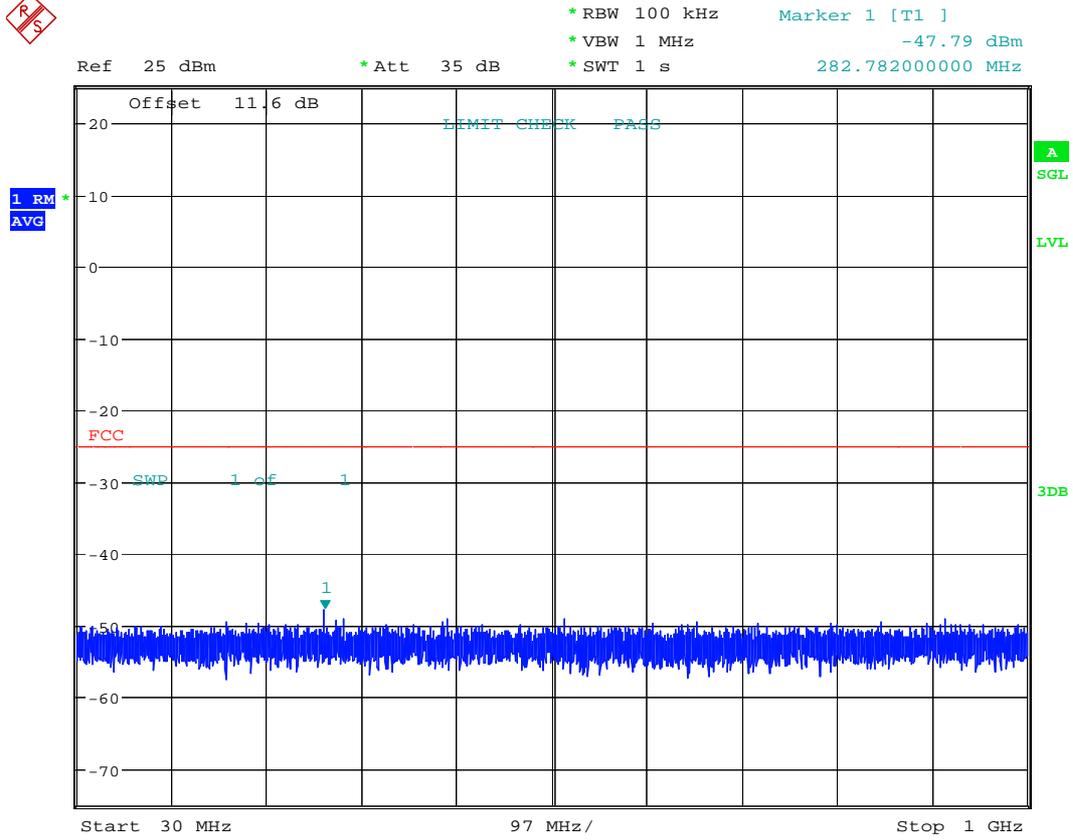
PO

Date: 27.JAN.2010 16:06:50



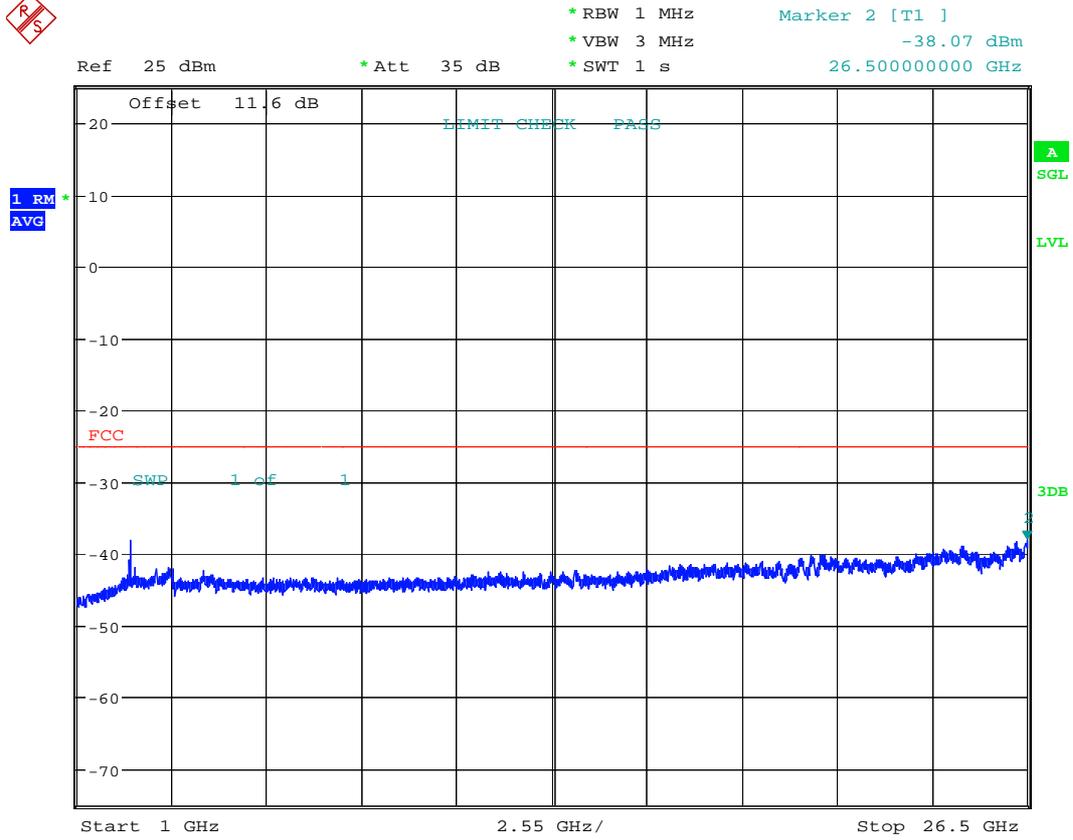
PO

Date: 27.JAN.2010 16:06:55



PO

Date: 27.JAN.2010 16:06:59

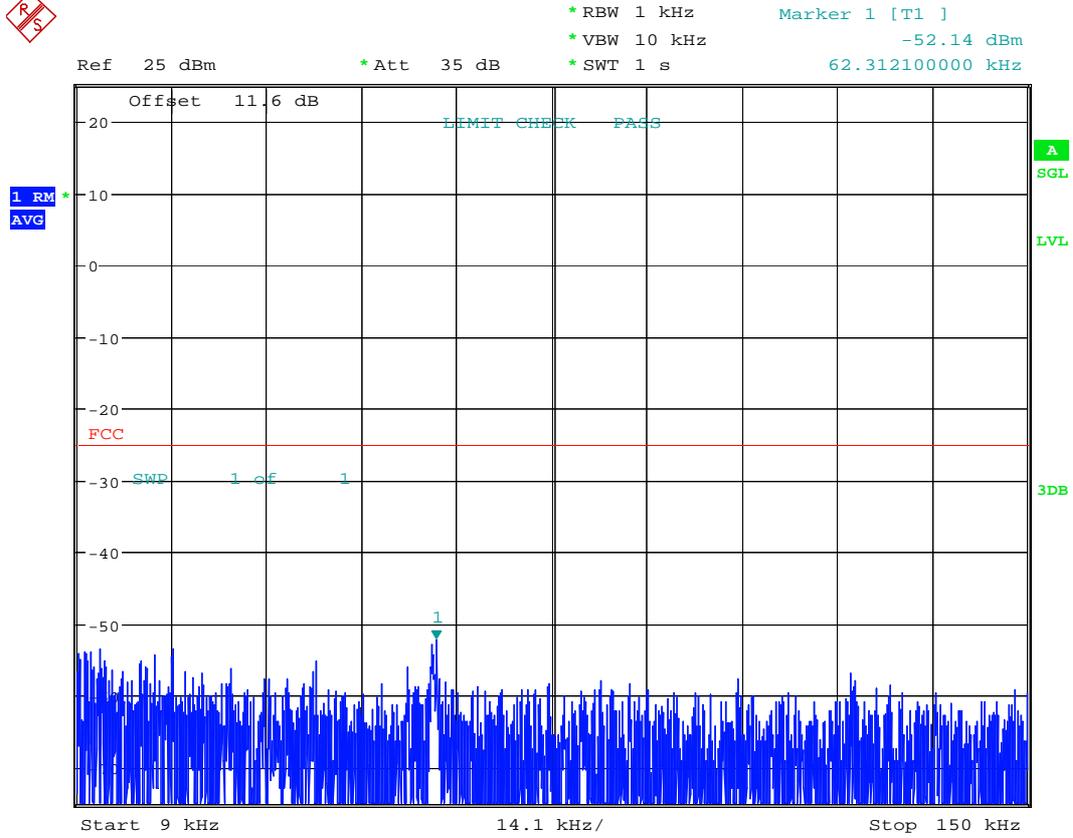


PO

Date: 27.JAN.2010 16:29:59

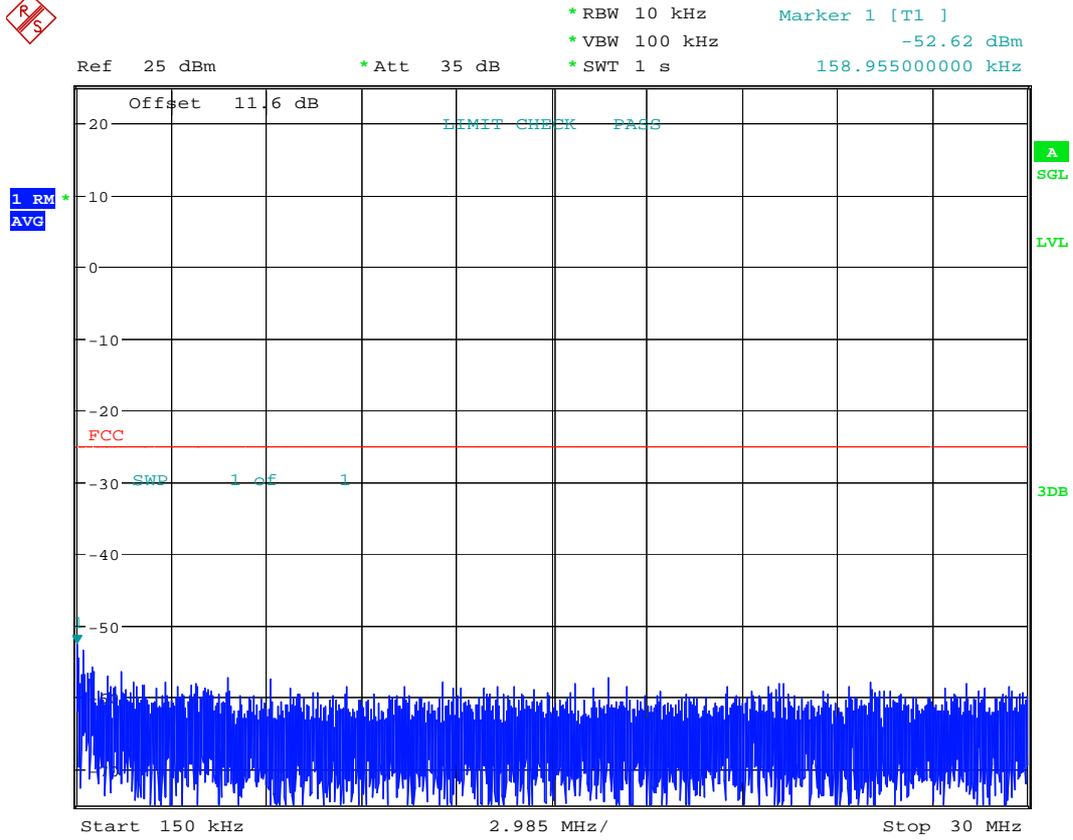


M



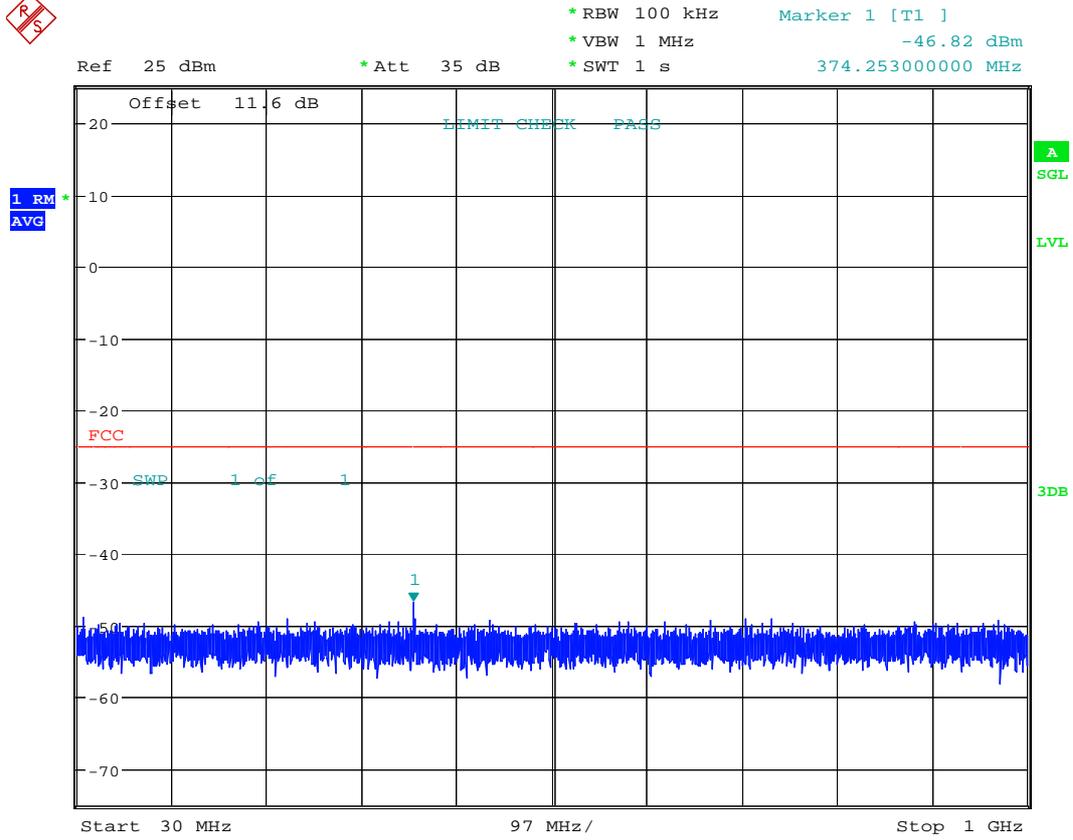
PO

Date: 27.JAN.2010 15:56:51



PO

Date: 27.JAN.2010 15:56:56

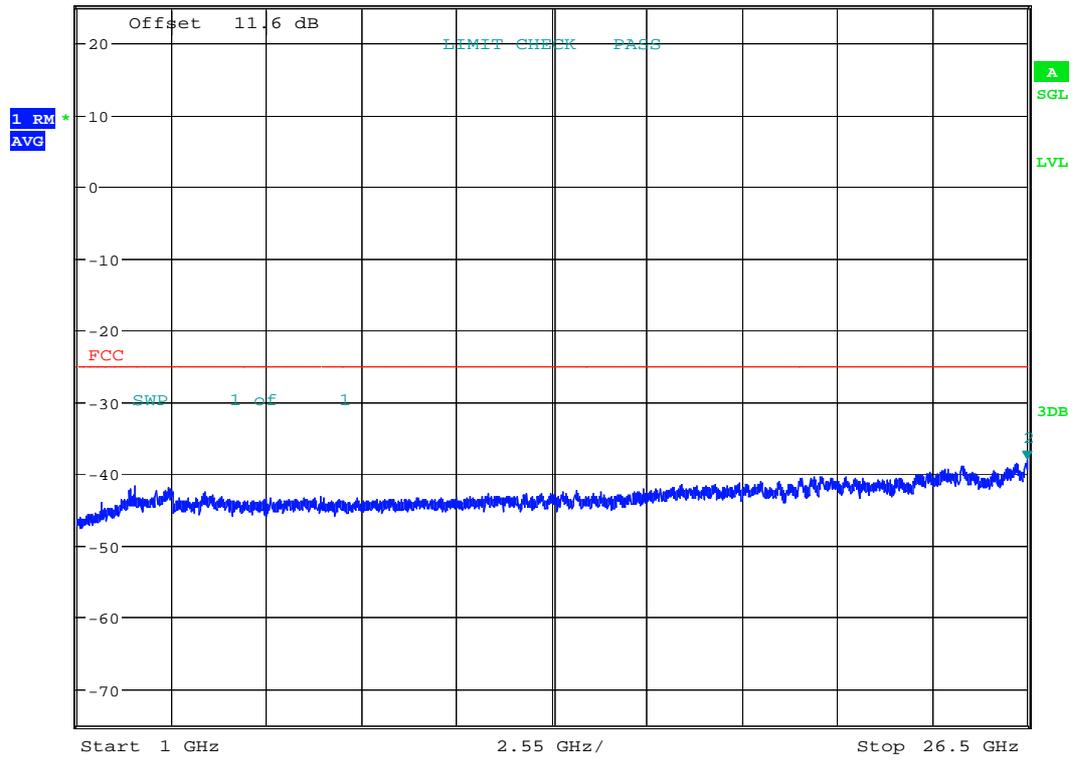


PO

Date: 27.JAN.2010 15:57:01



Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 2 [T1]
 * VBW 3 MHz -38.16 dBm
 * SWT 1 s 26.492350000 GHz



PO

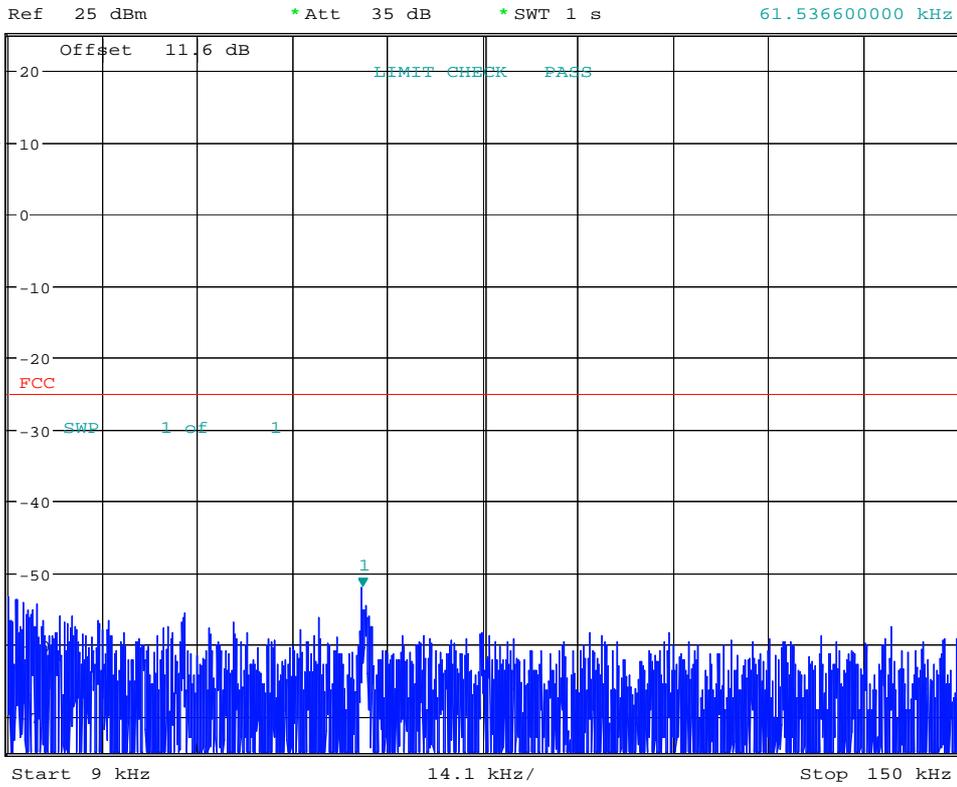
Date: 27.JAN.2010 16:18:04



T

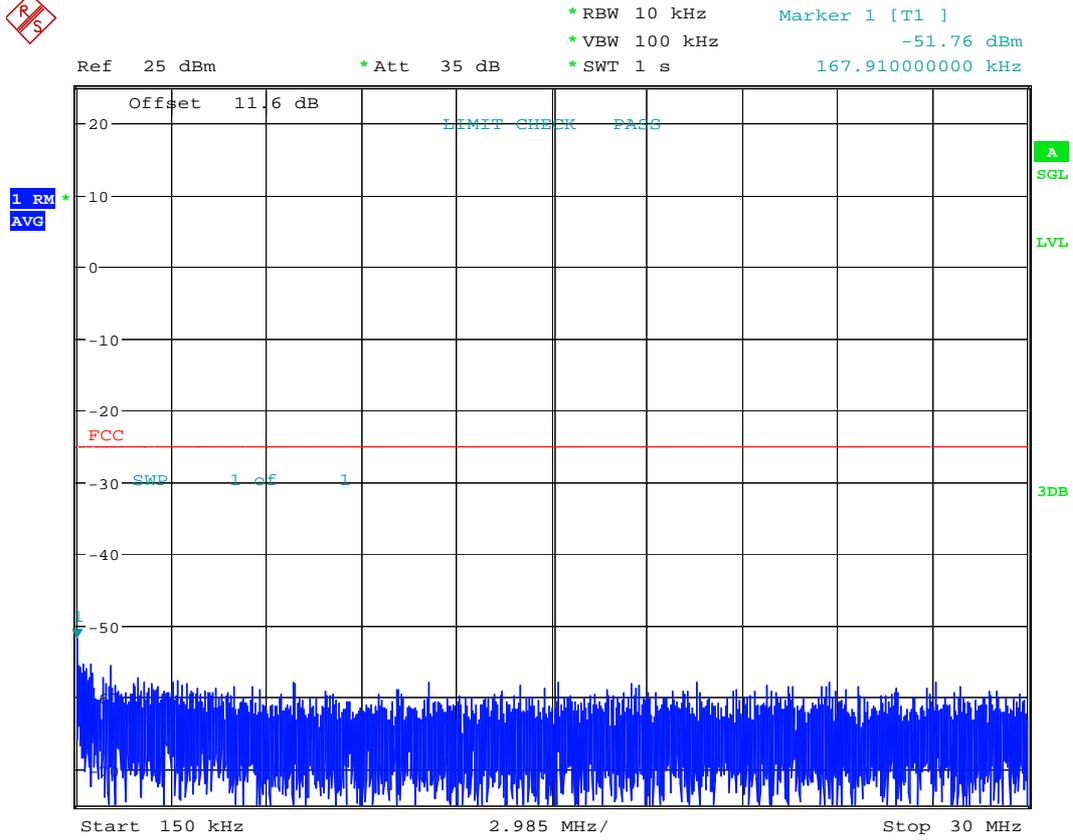


*RBW 1 kHz
*VBW 10 kHz
*SWT 1 s
Marker 1 [T1]
-51.98 dBm
61.536600000 kHz



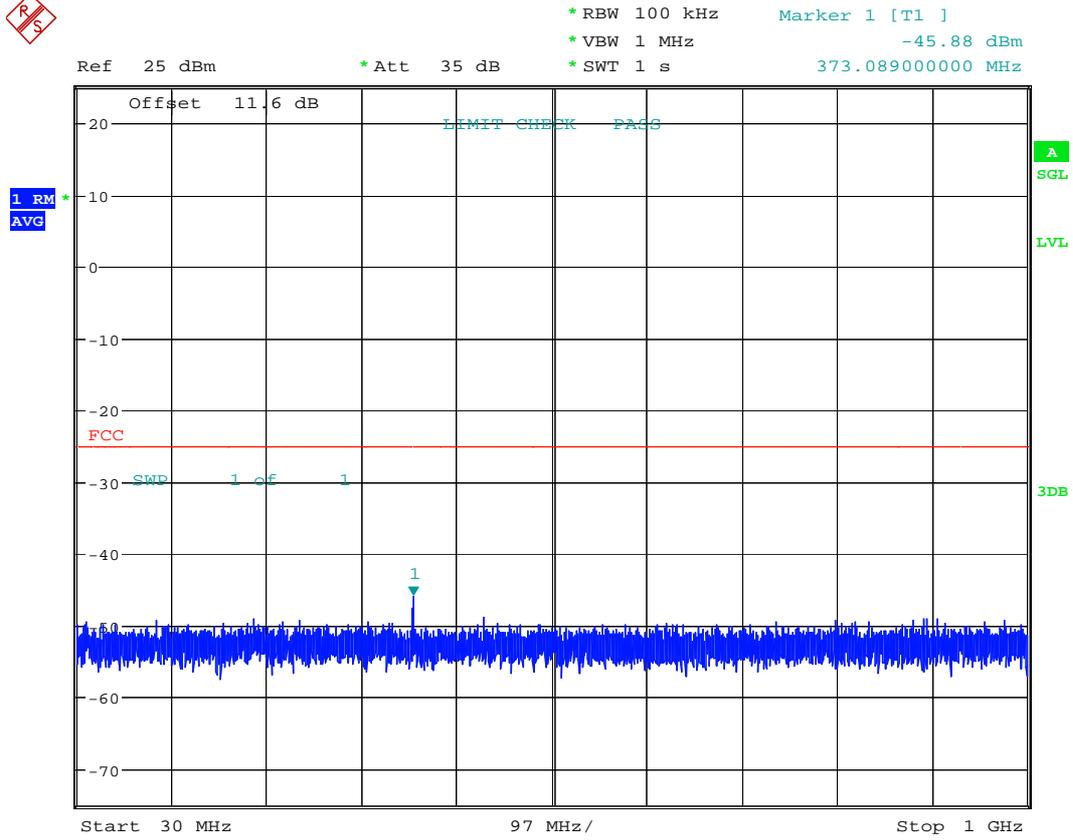
PO

Date: 27.JAN.2010 16:08:53



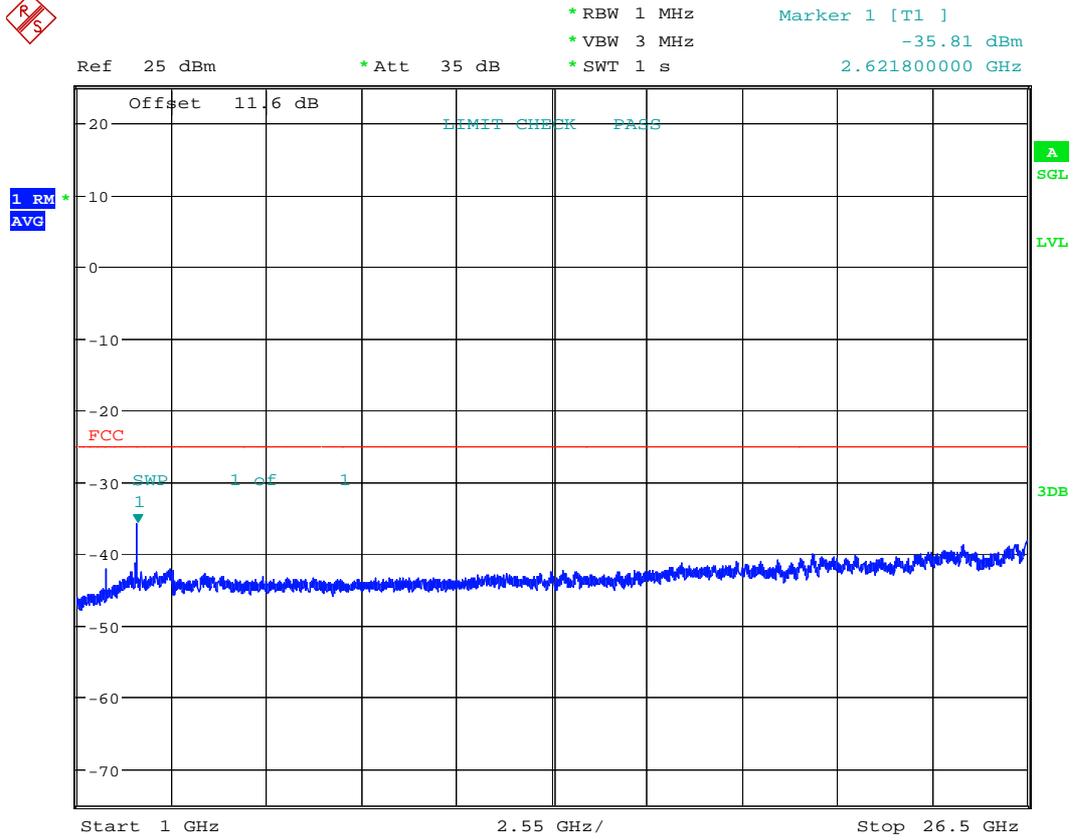
PO

Date: 27.JAN.2010 16:08:58



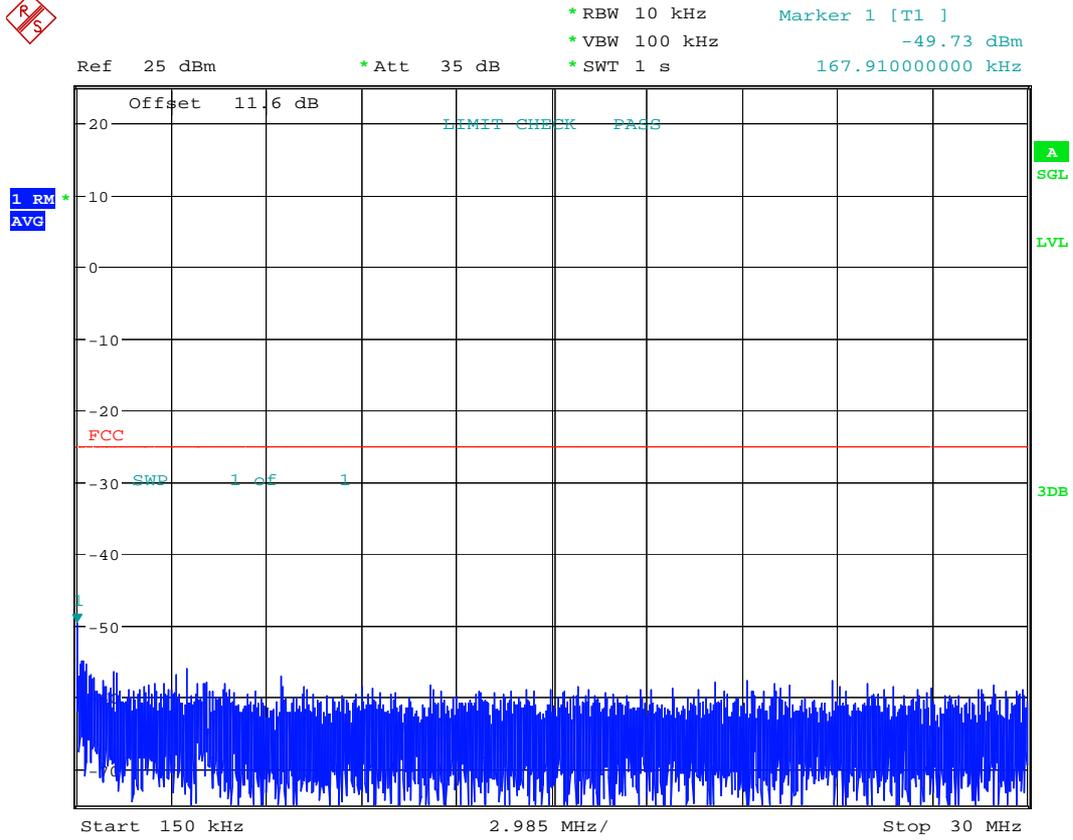
PO

Date: 27.JAN.2010 16:09:03



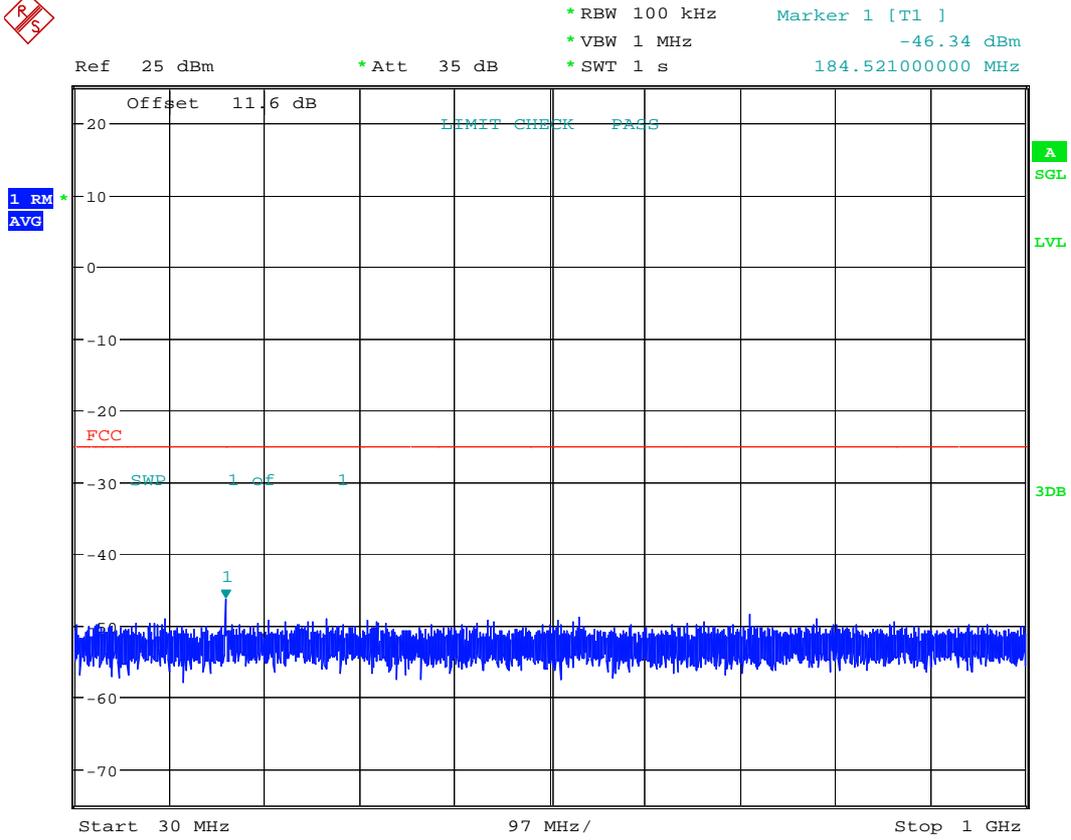
PO

Date: 27.JAN.2010 16:09:08



PO

Date: 27.JAN.2010 16:05:13

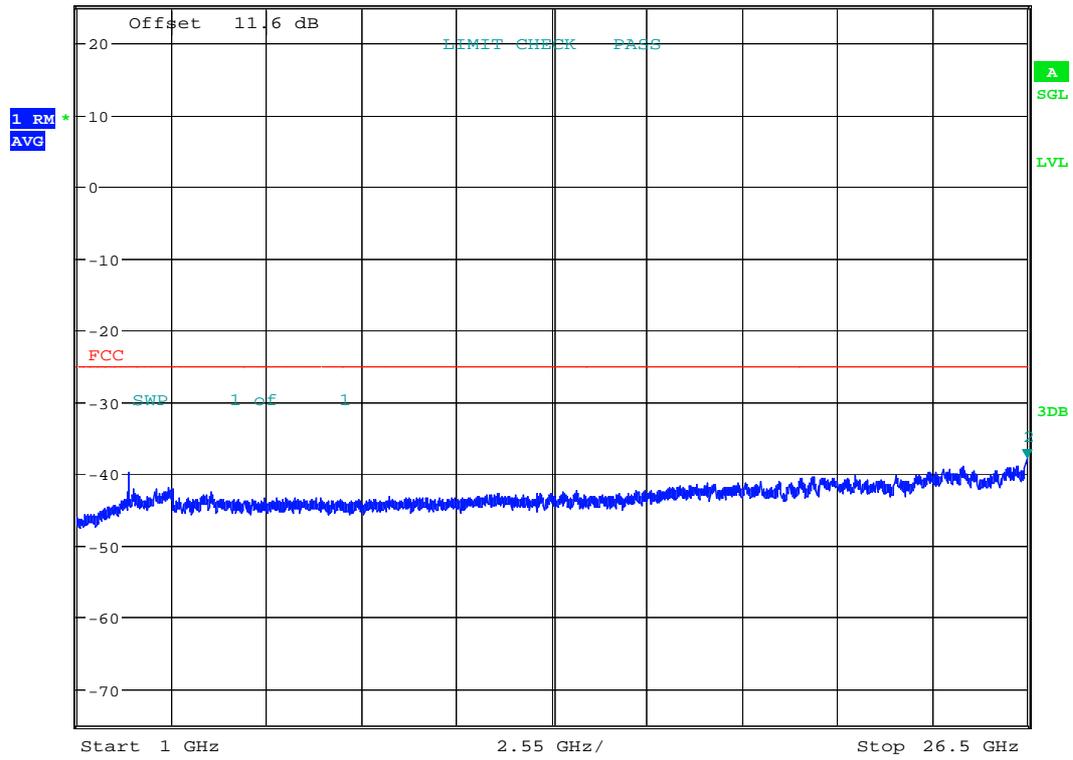


PO

Date: 27.JAN.2010 16:05:17



Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 2 [T1]
 * VBW 3 MHz -37.82 dBm
 * SWT 1 s 26.497450000 GHz

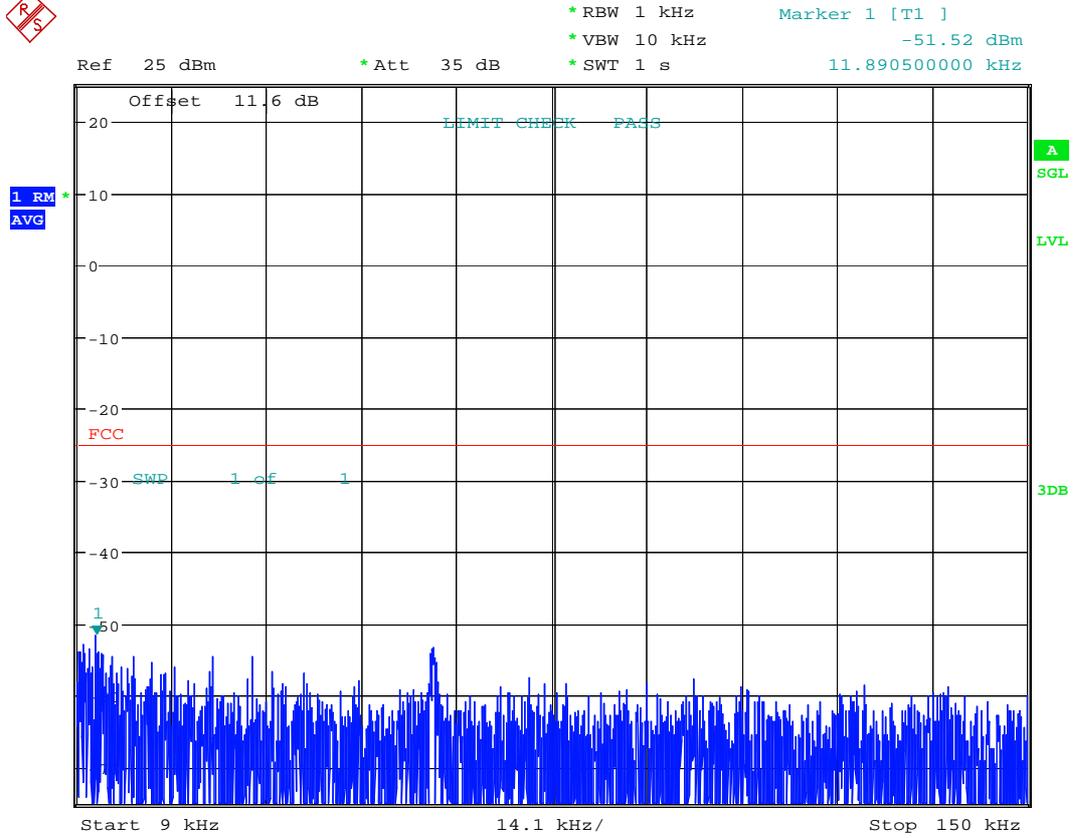


PO

Date: 27.JAN.2010 16:05:23

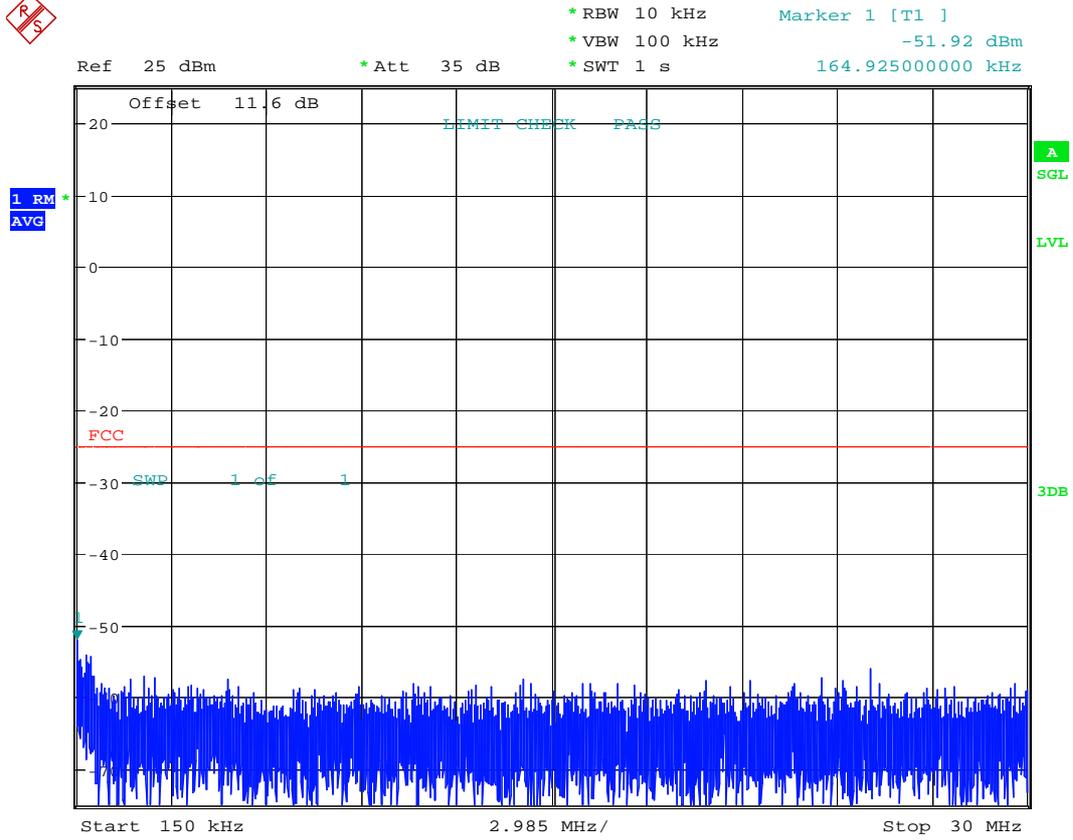


M



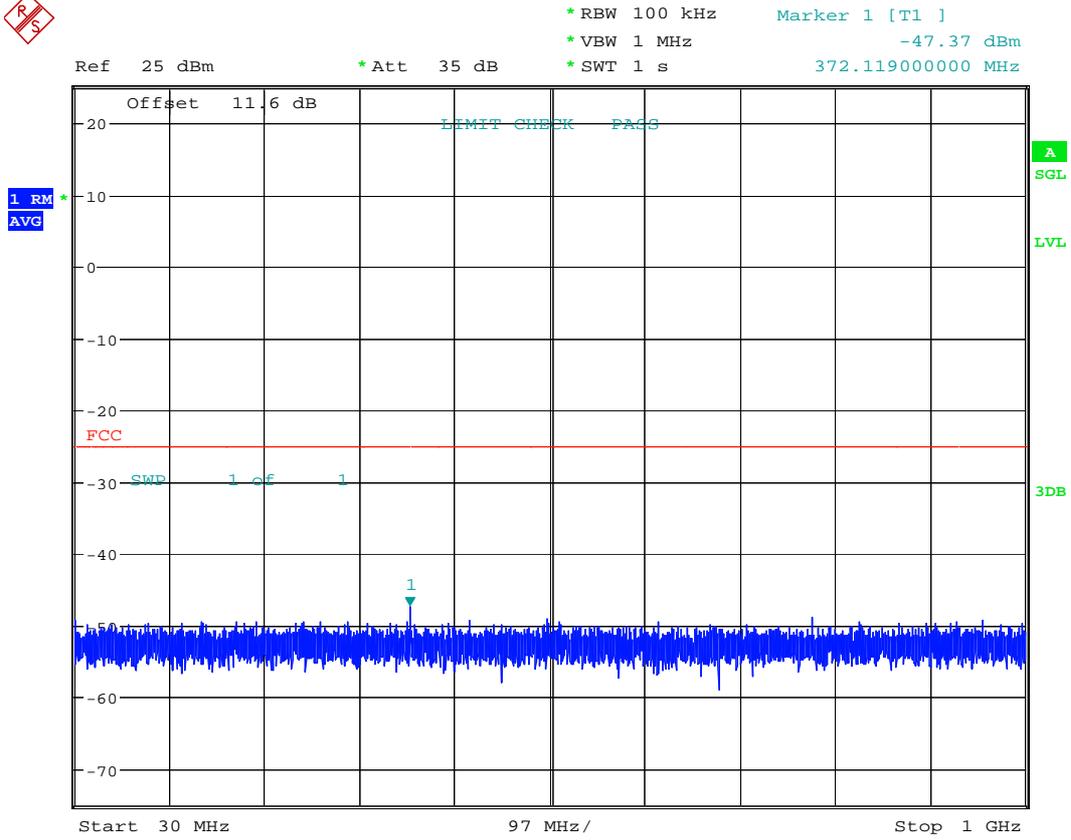
PO

Date: 27.JAN.2010 16:01:33



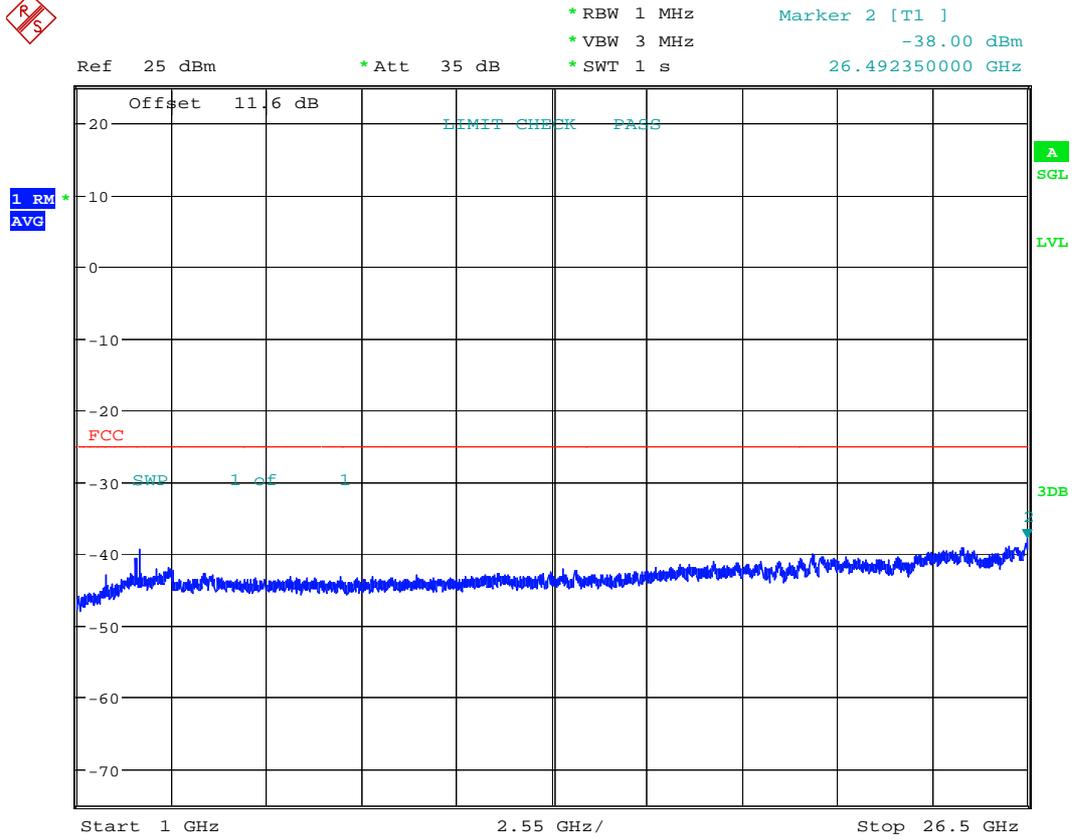
PO

Date: 27.JAN.2010 16:01:37



PO

Date: 27.JAN.2010 16:01:42



PO

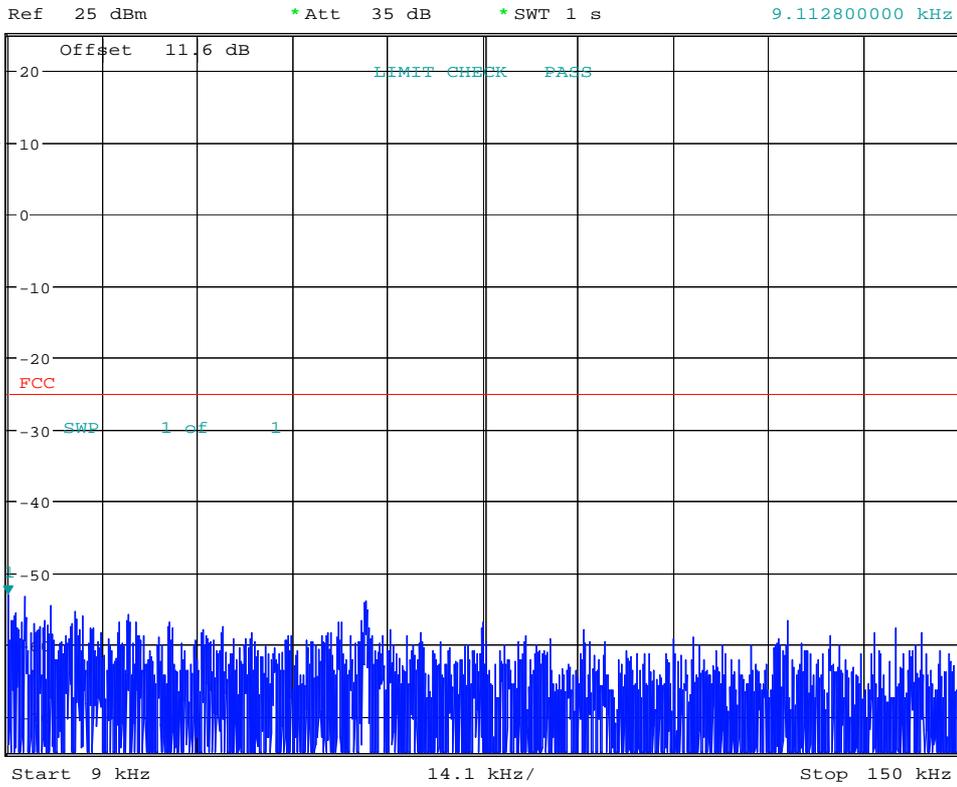
Date: 27.JAN.2010 16:01:48



T

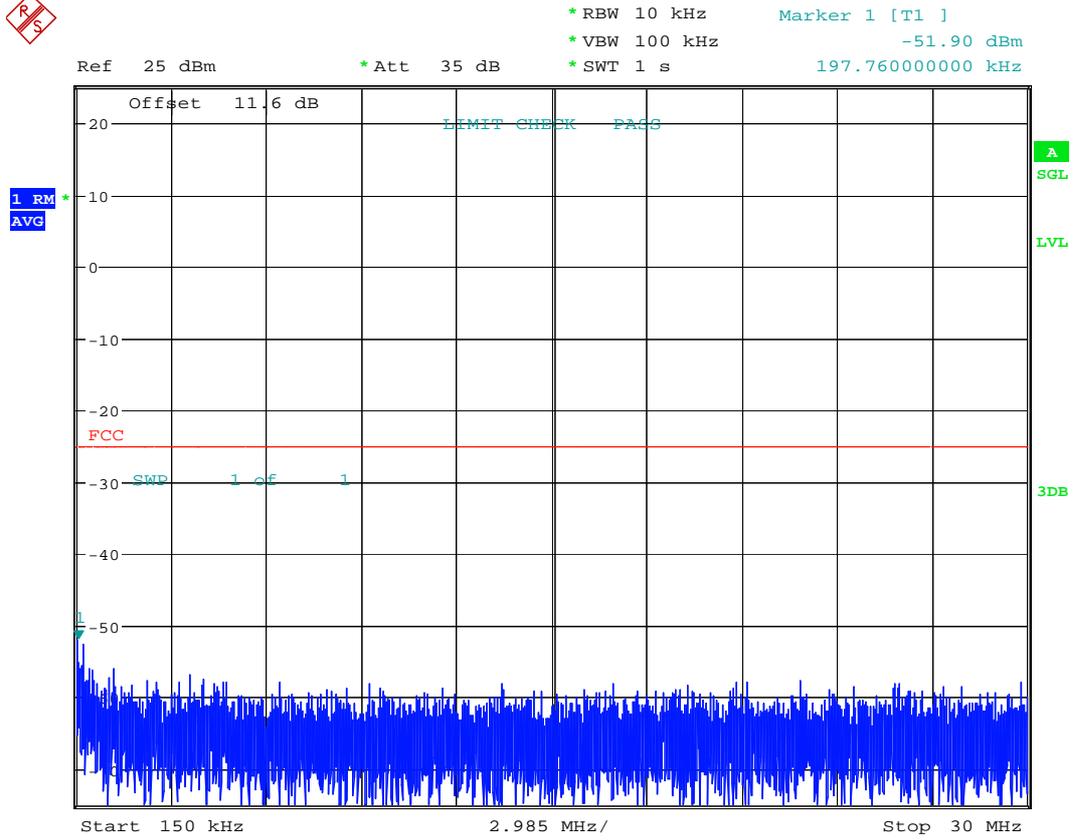


*RBW 1 kHz
*VBW 10 kHz
*SWT 1 s
Marker 1 [T1]
-53.13 dBm
9.112800000 kHz



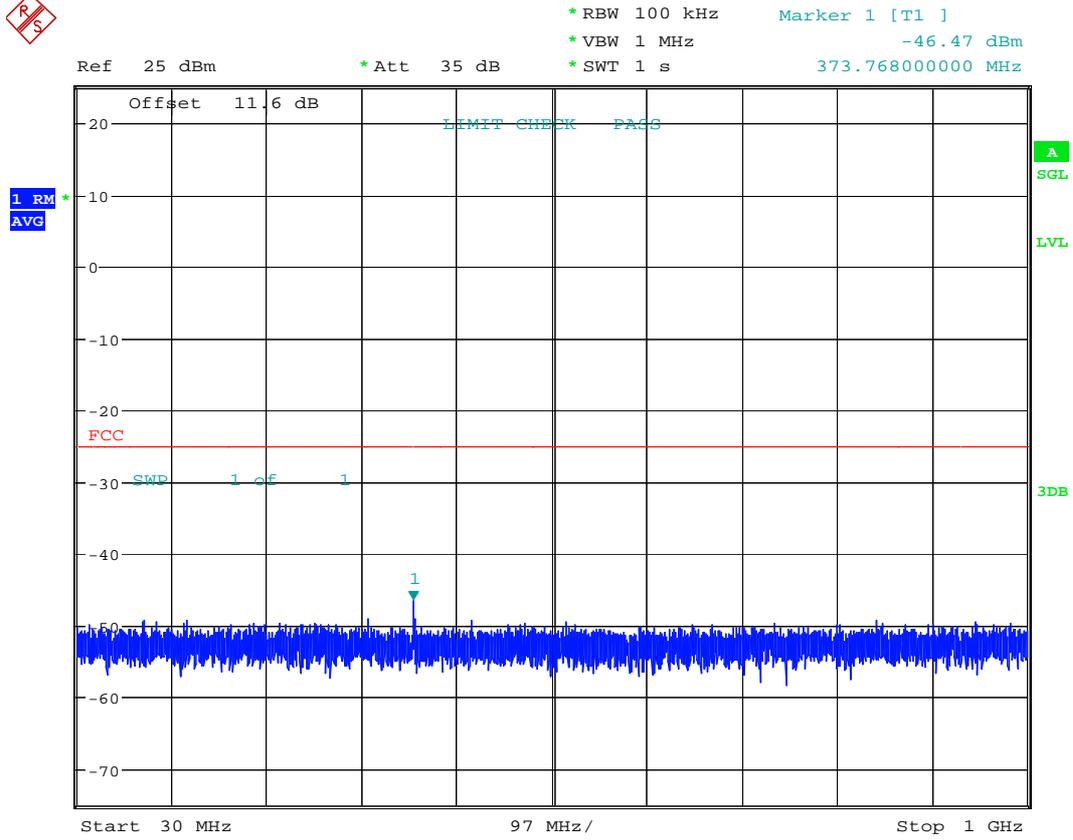
PO

Date: 27.JAN.2010 16:02:57



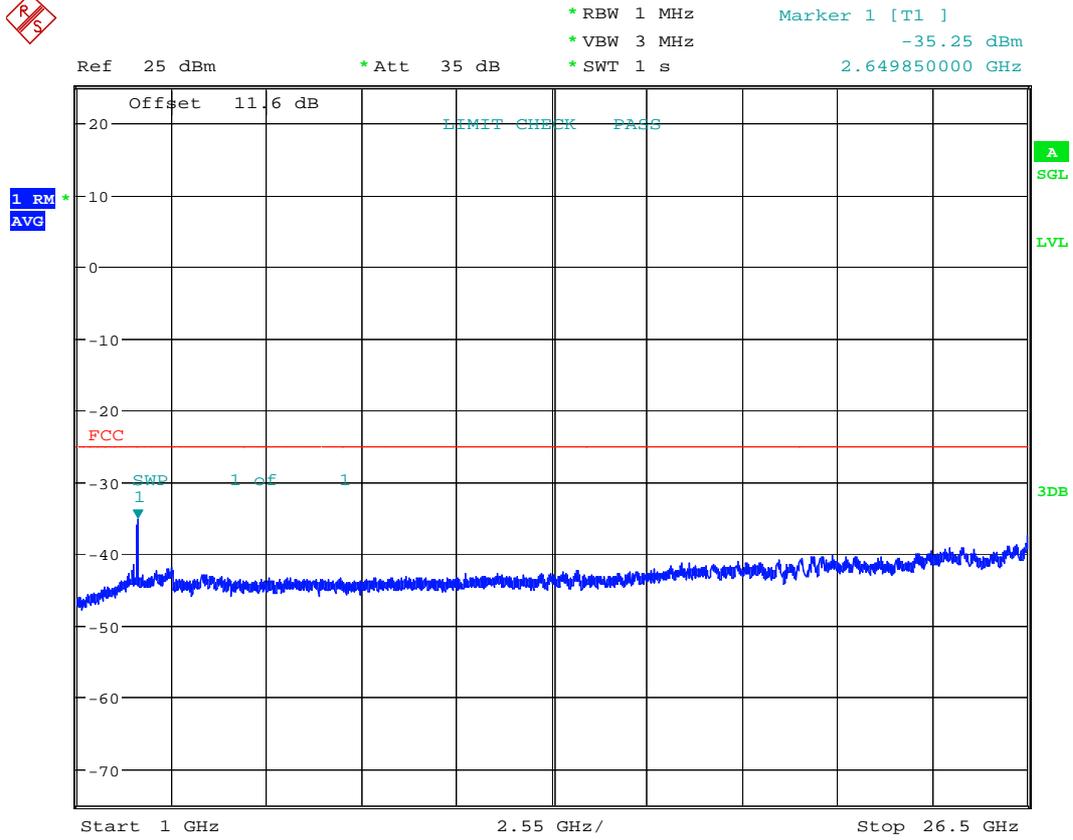
PO

Date: 27.JAN.2010 16:03:02



PO

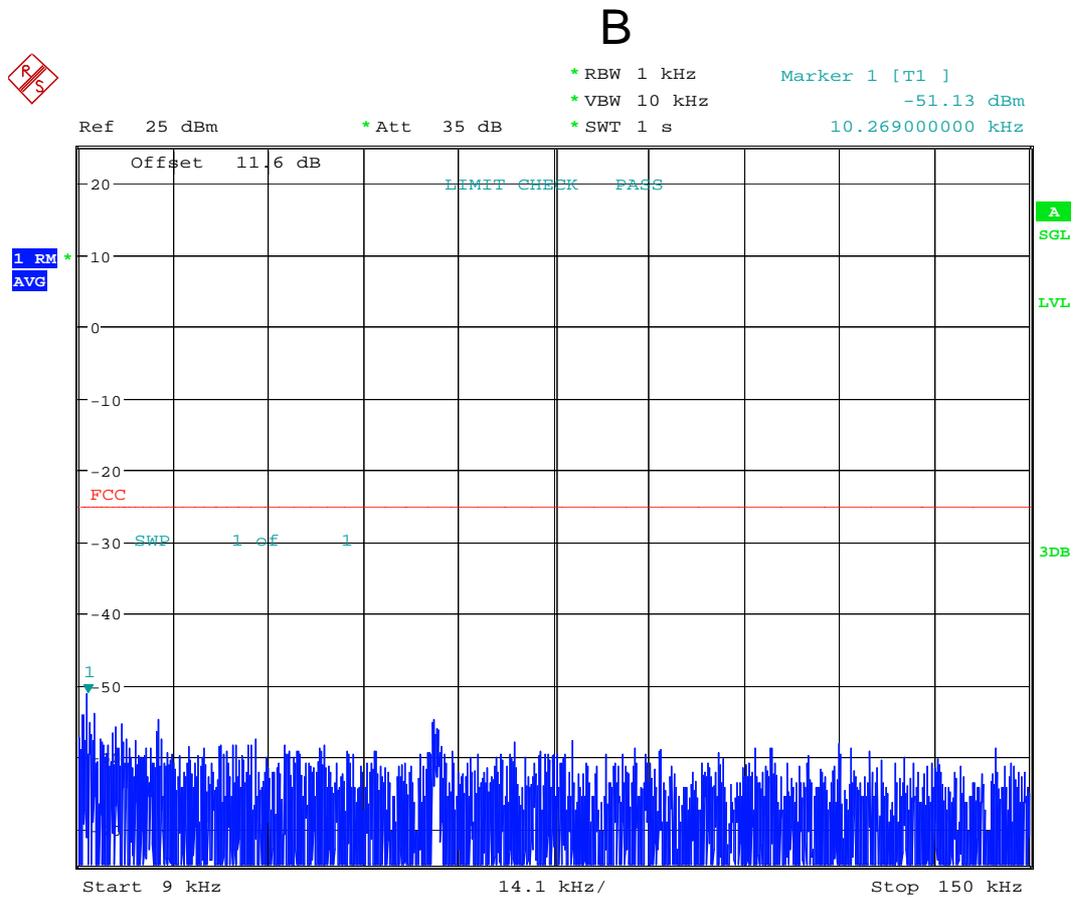
Date: 27.JAN.2010 16:03:06



PO

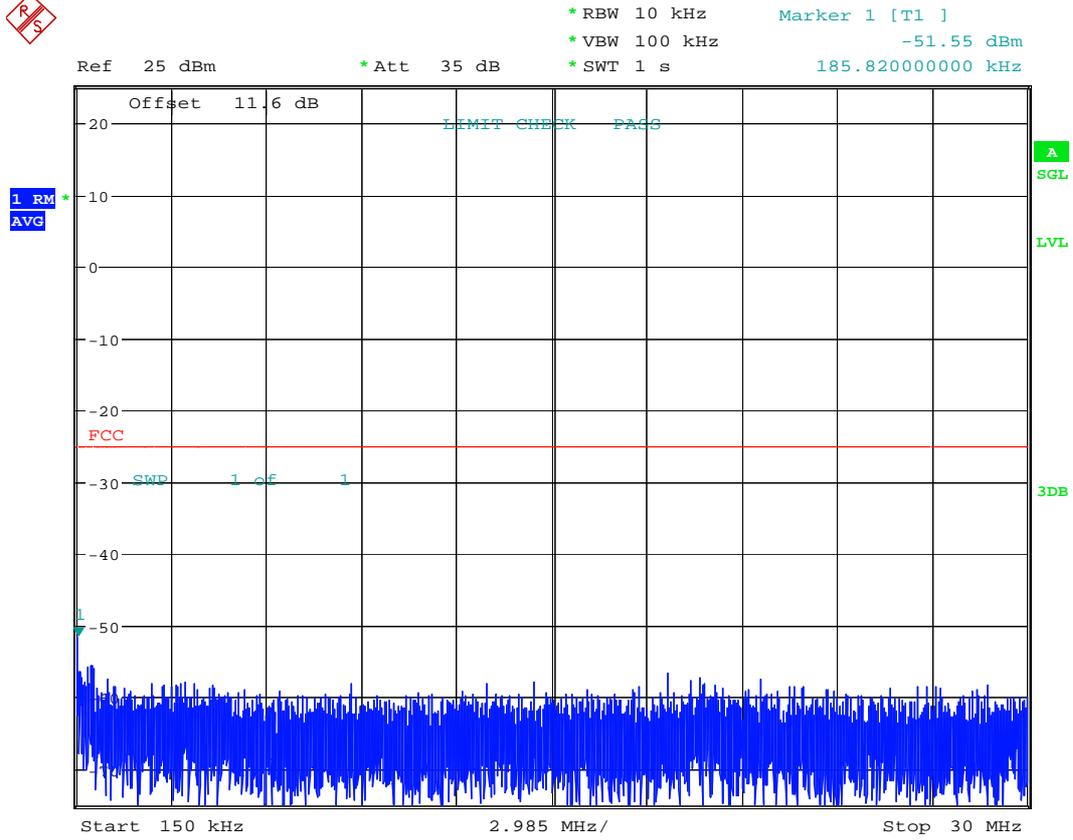
Date: 27.JAN.2010 16:03:12

3) TM 3



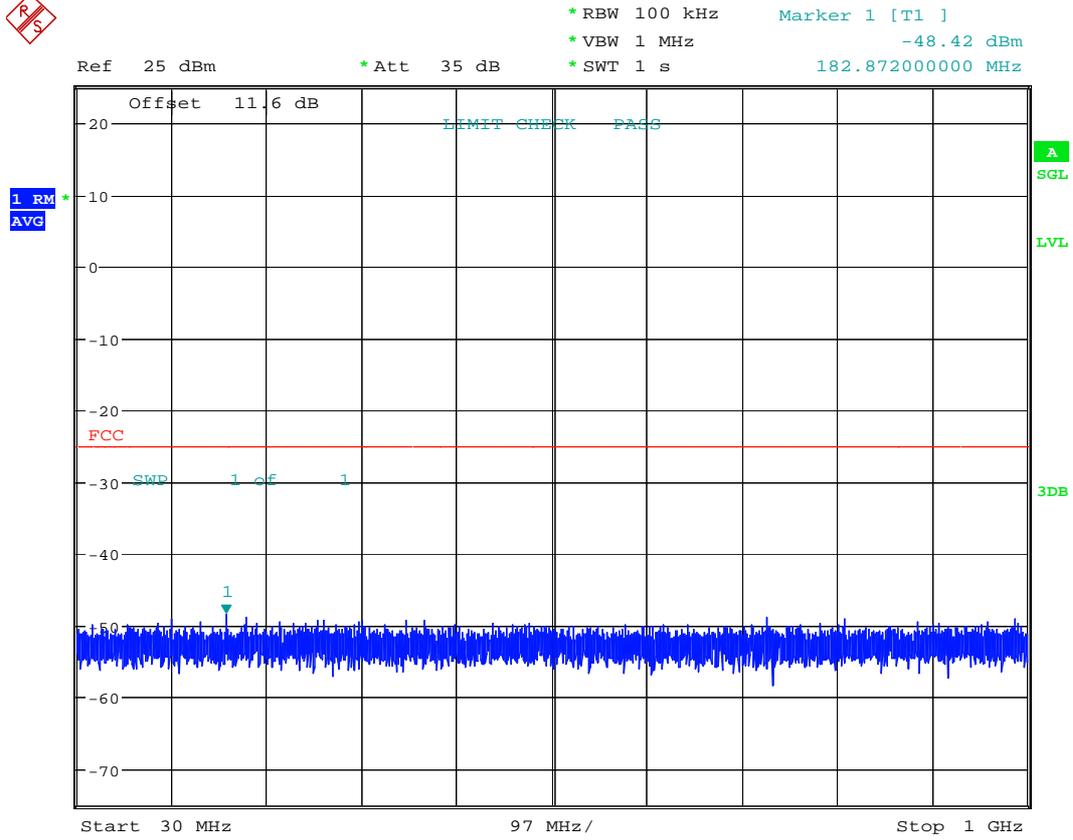
PO

Date: 27.JAN.2010 16:37:58



PO

Date: 27.JAN.2010 16:38:02

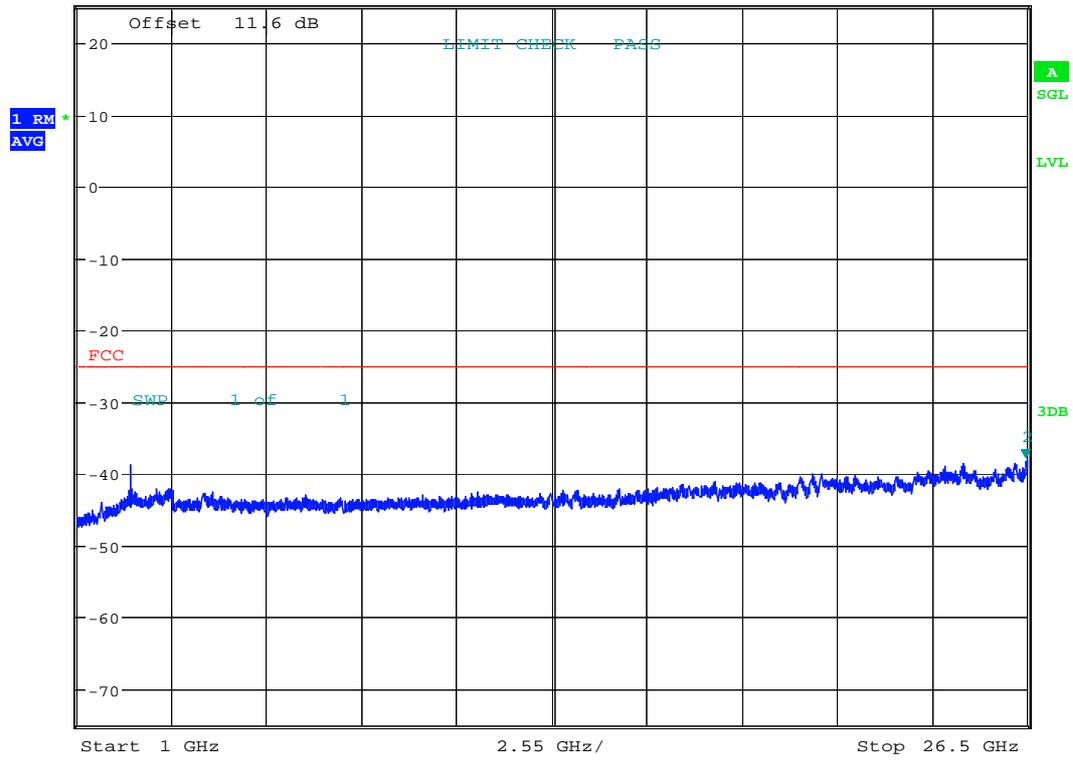


PO

Date: 27.JAN.2010 16:38:07



Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 2 [T1]
 * VBW 3 MHz -37.92 dBm
 * SWT 1 s 26.464300000 GHz



PO

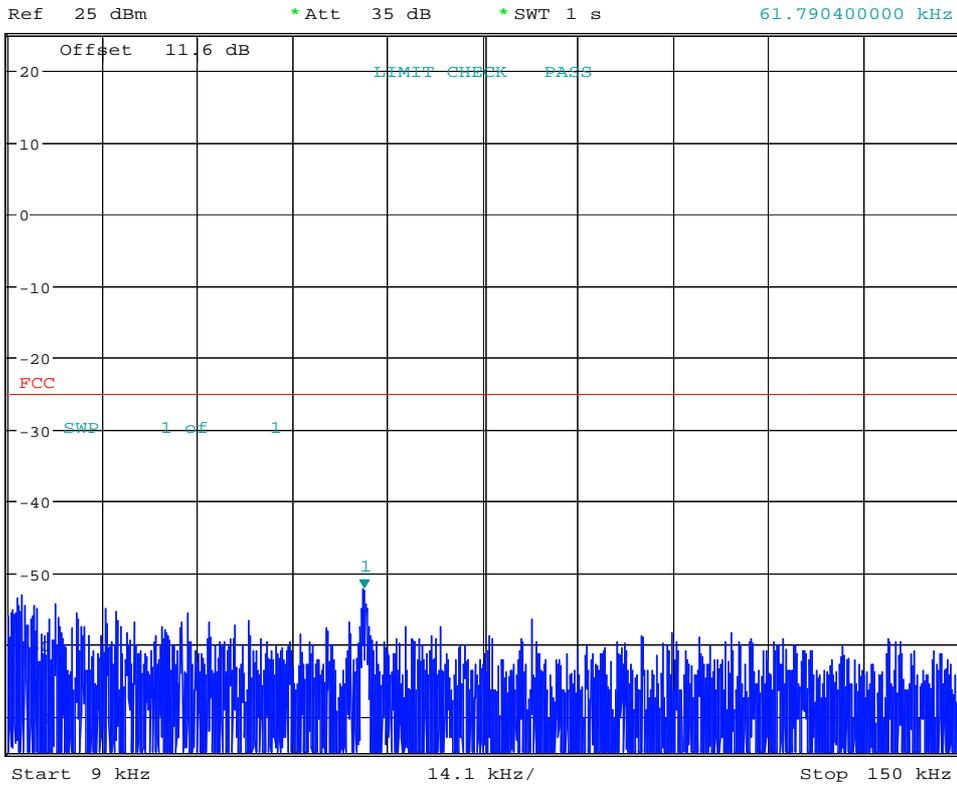
Date: 27.JAN.2010 16:38:13



M

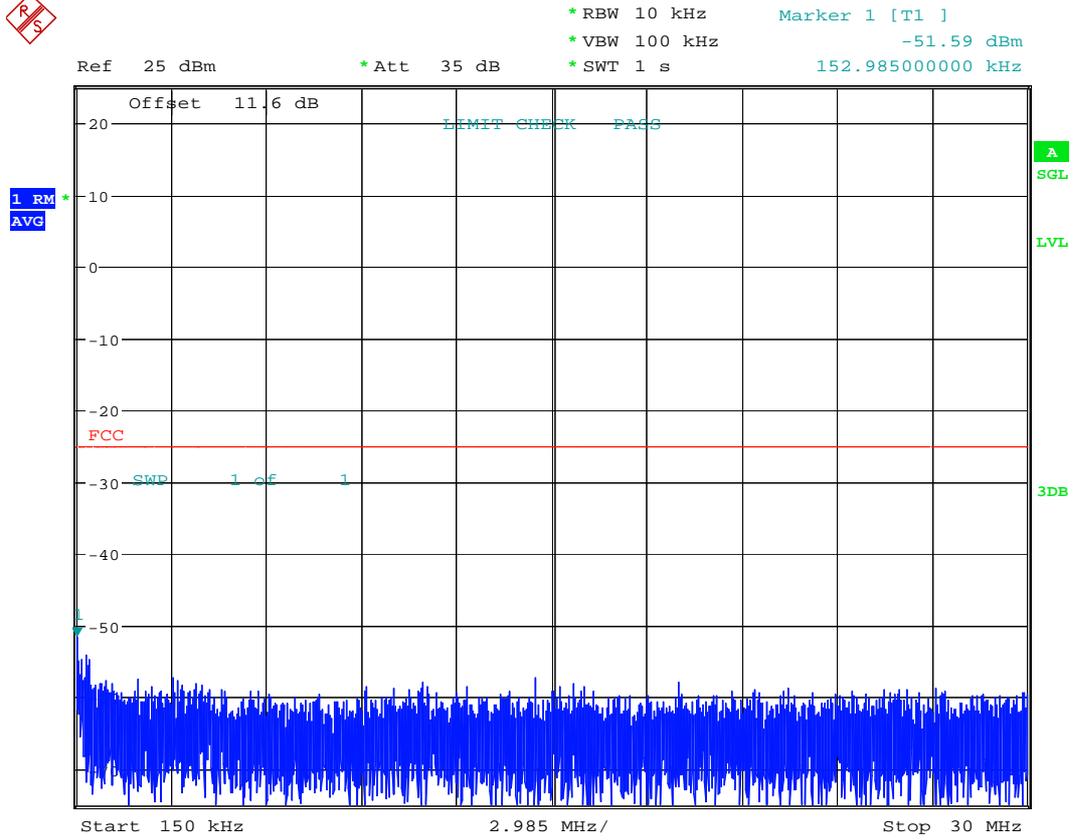


*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -52.28 dBm
*SWT 1 s 61.790400000 kHz



PO

Date: 27.JAN.2010 16:24:14

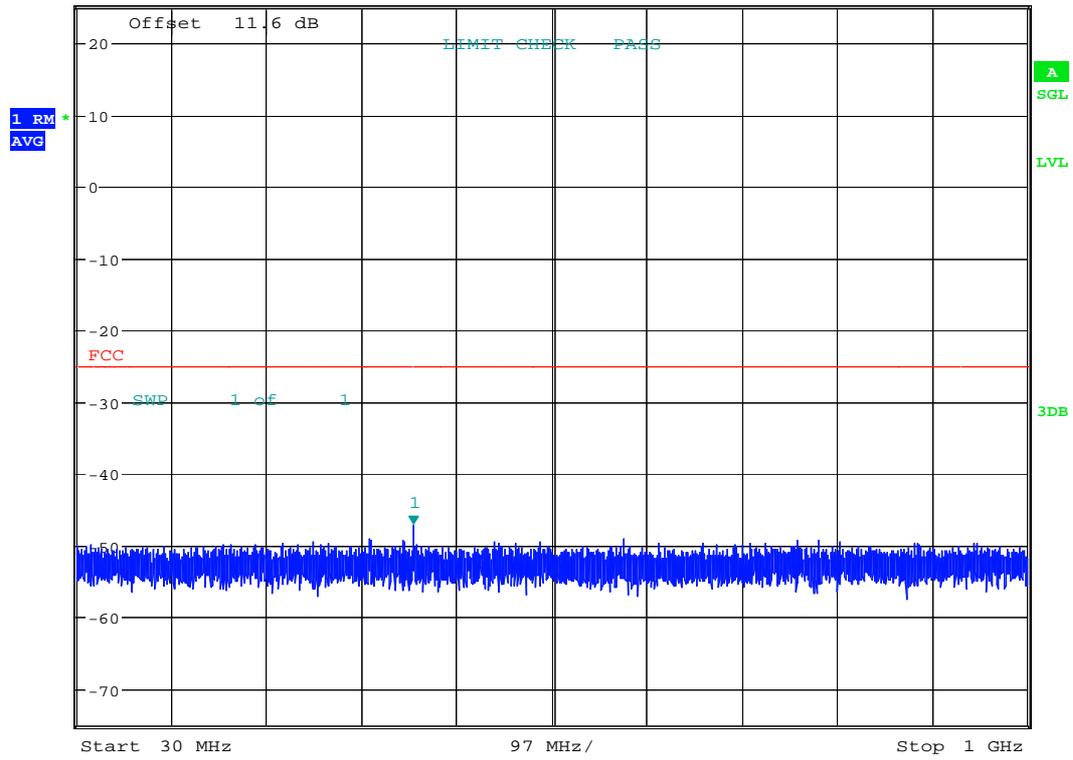


PO

Date: 27.JAN.2010 16:24:19



Ref 25 dBm * Att 35 dB * RBW 100 kHz Marker 1 [T1]
 * VBW 1 MHz -47.15 dBm
 * SWT 1 s 373.574000000 MHz

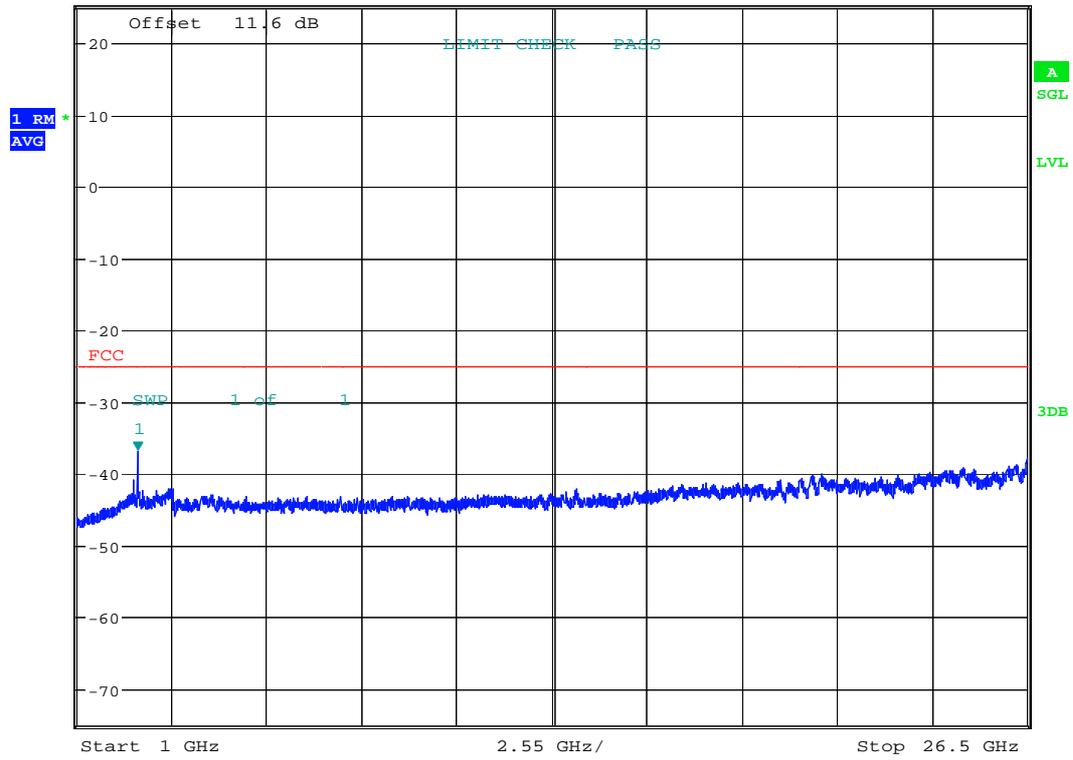


PO

Date: 27.JAN.2010 16:24:24



Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 1 [T1]
 * VBW 3 MHz -36.91 dBm
 * SWT 1 s 2.649850000 GHz



PO

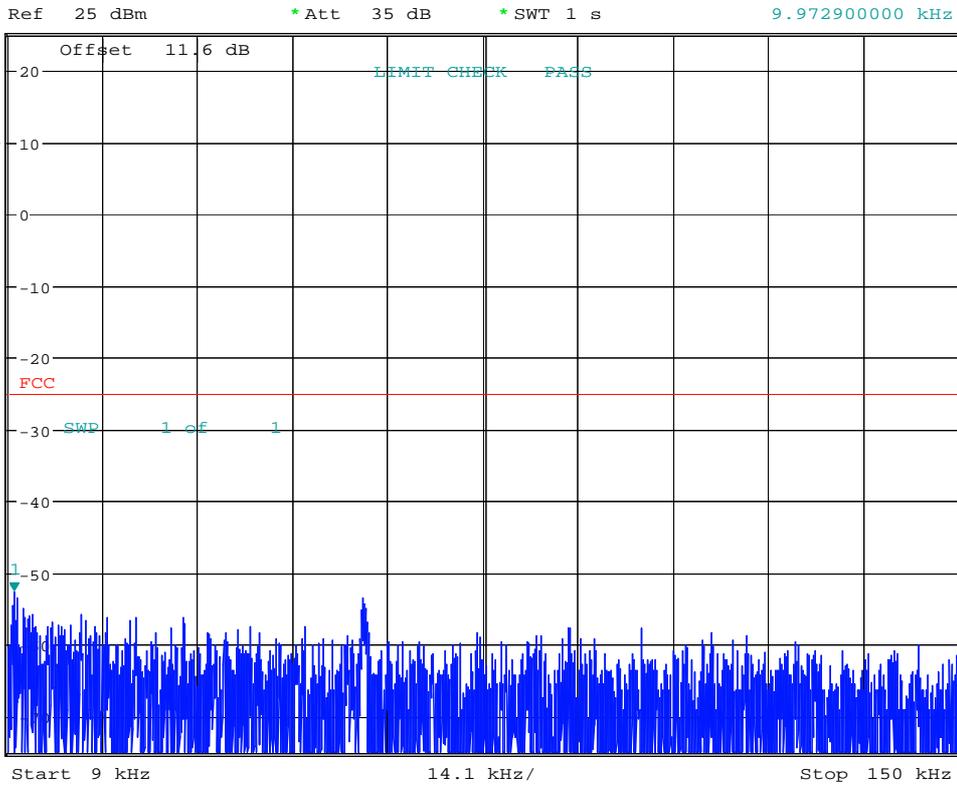
Date: 27.JAN.2010 16:24:29



T

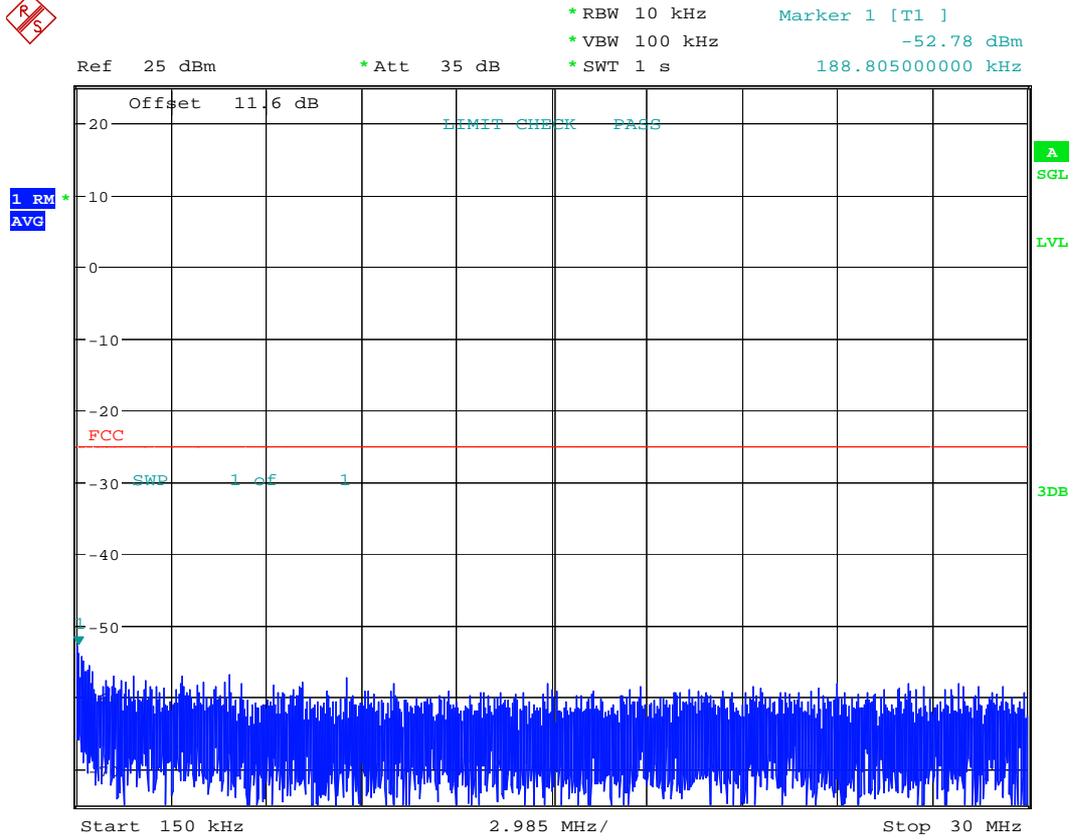


*RBW 1 kHz
*VBW 10 kHz
*SWT 1 s
Marker 1 [T1]
-52.65 dBm
9.972900000 kHz



PO

Date: 27.JAN.2010 16:33:13

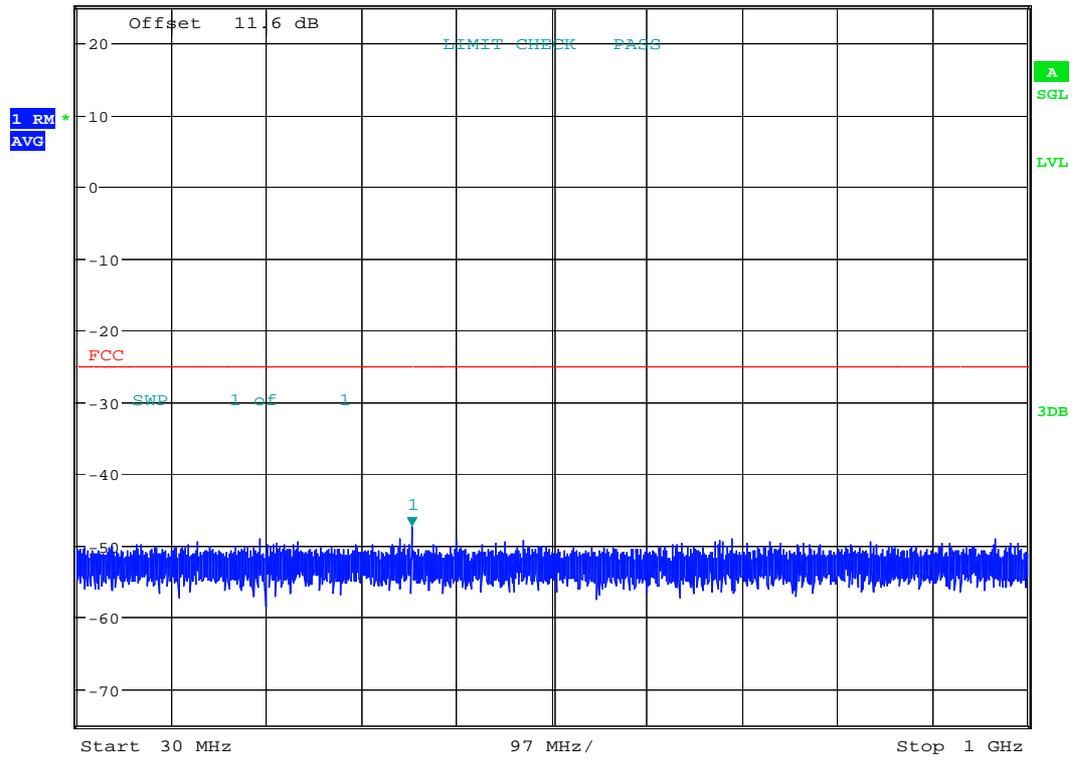


PO

Date: 27.JAN.2010 16:33:17



Ref 25 dBm * Att 35 dB * RBW 100 kHz Marker 1 [T1]
 * VBW 1 MHz -47.30 dBm
 * SWT 1 s 372.507000000 MHz

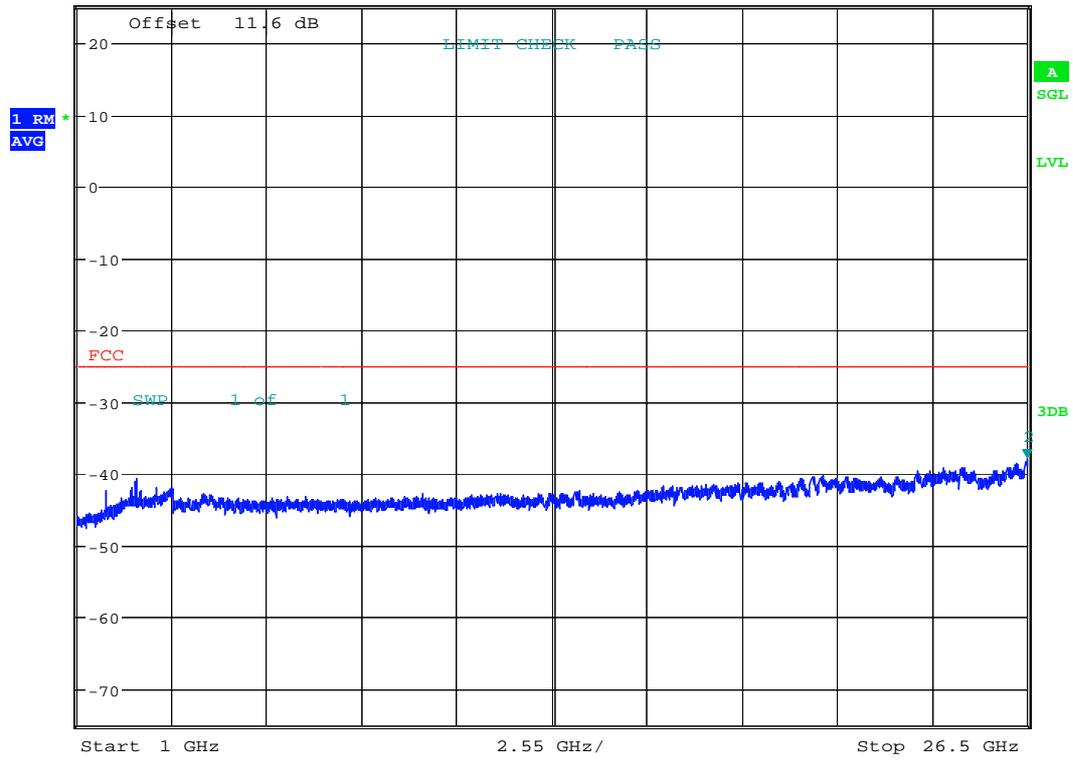


PO

Date: 27.JAN.2010 16:33:22



Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 2 [T1]
 * VBW 3 MHz -37.93 dBm
 * SWT 1 s 26.497450000 GHz

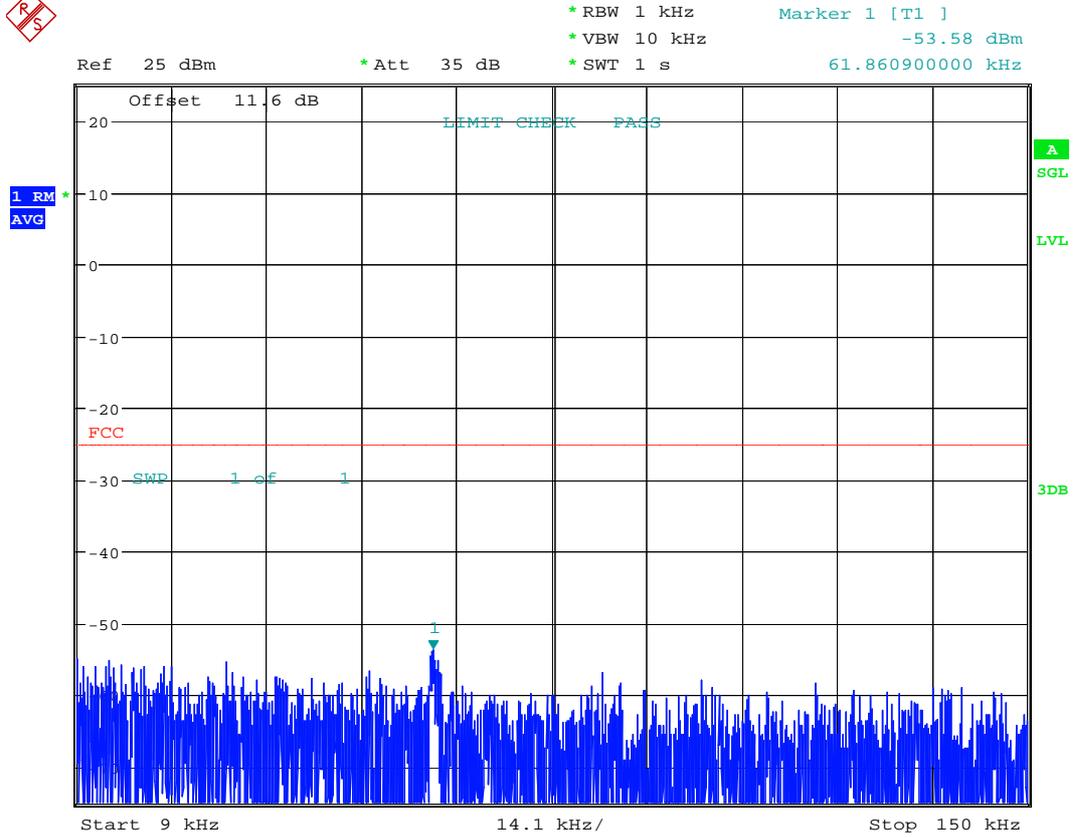


PO

Date: 27.JAN.2010 16:33:28

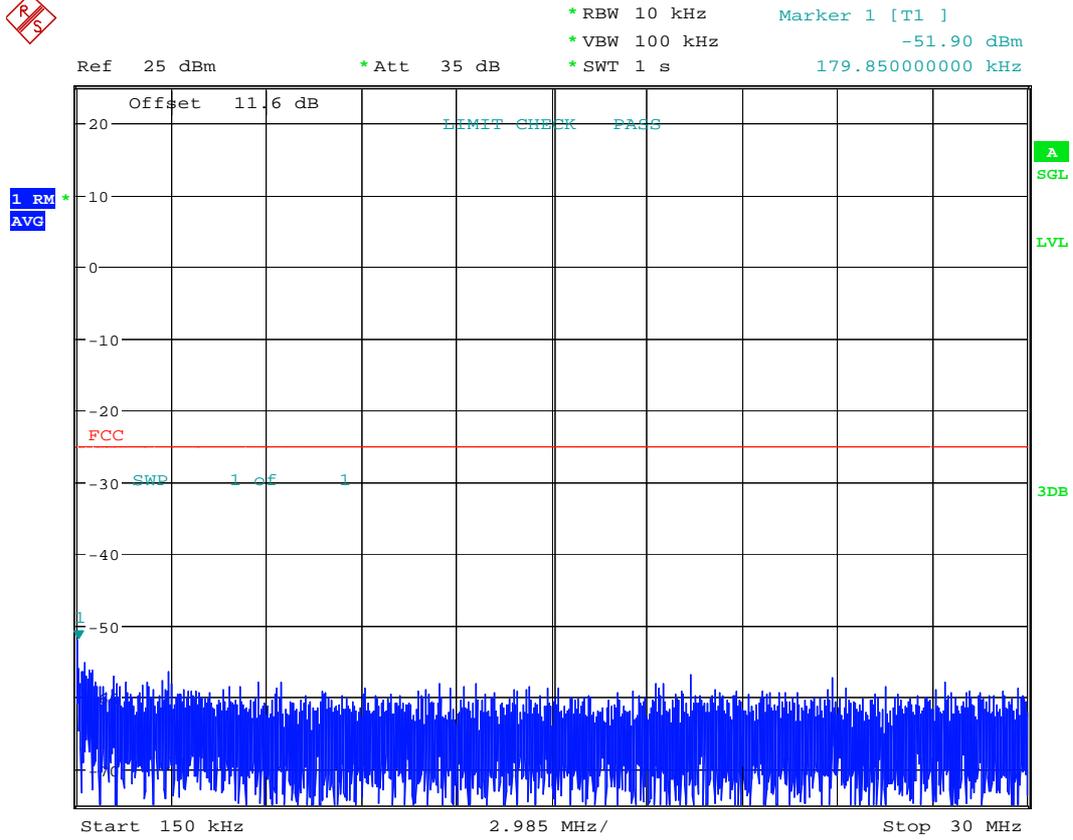
4) TM 4

B



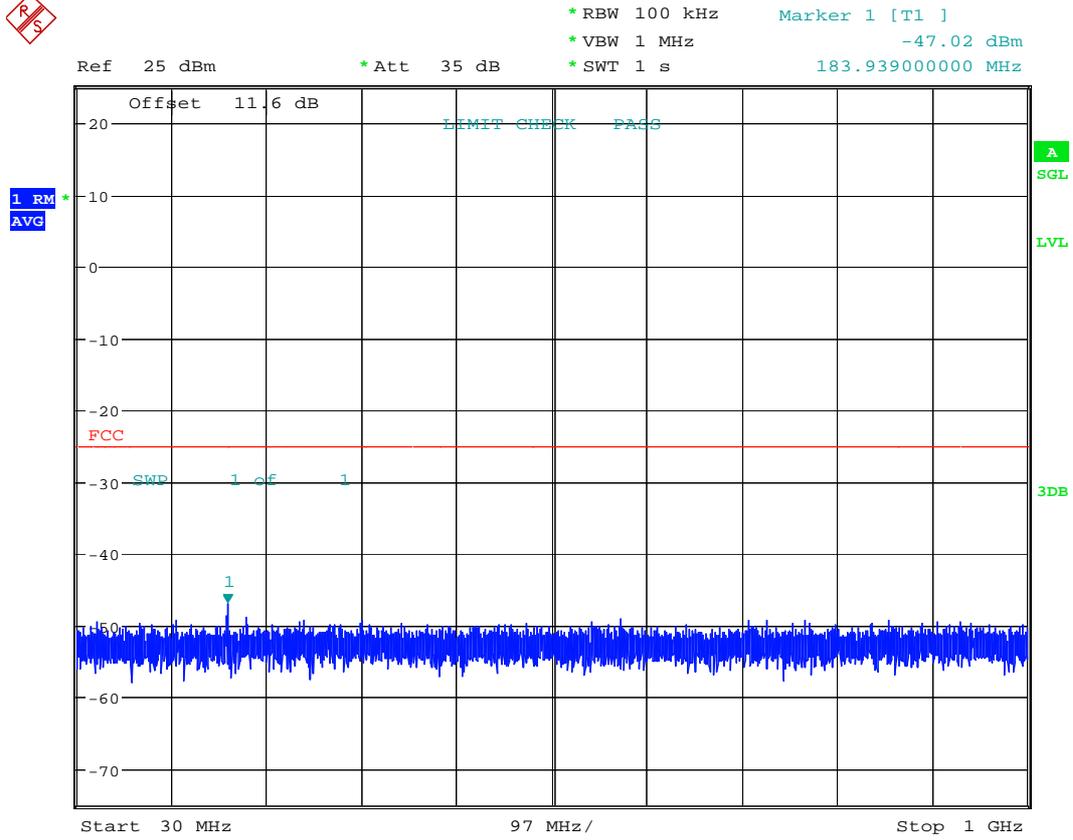
PO

Date: 27.JAN.2010 16:29:44



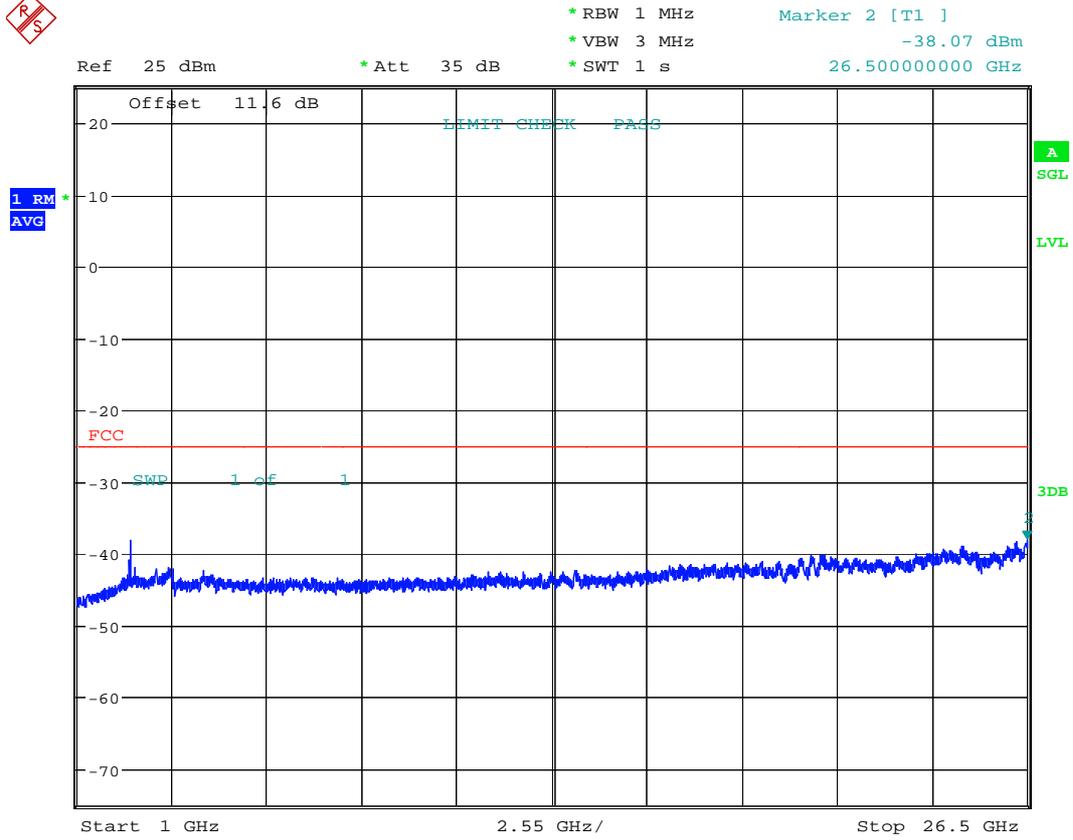
PO

Date: 27.JAN.2010 16:29:49



PO

Date: 27.JAN.2010 16:29:54



PO

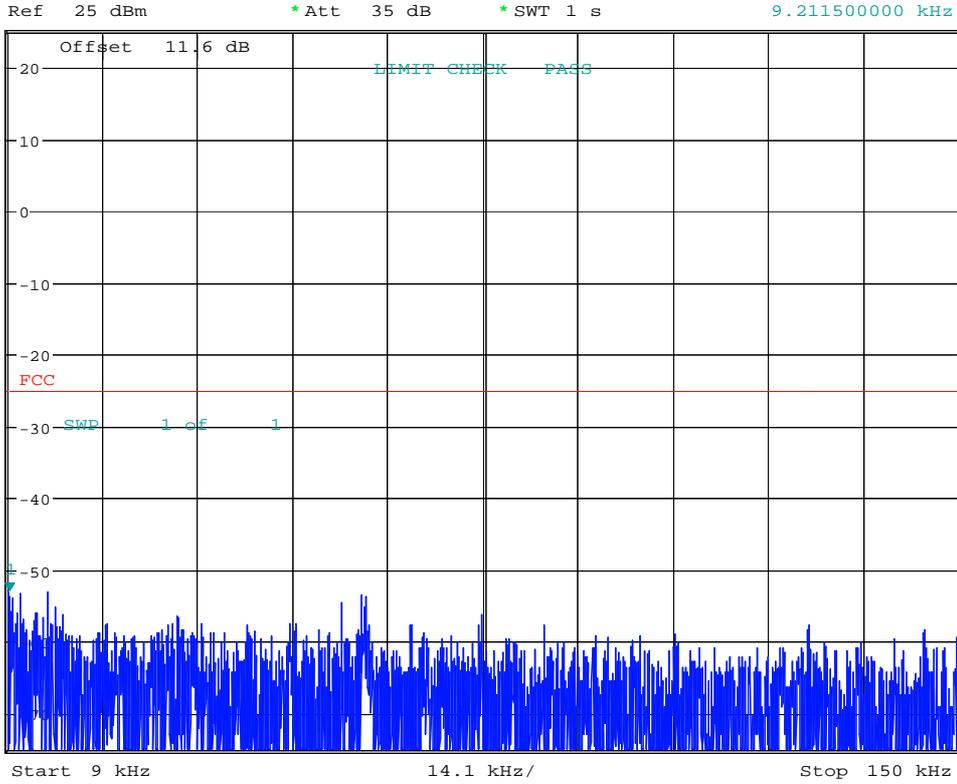
Date: 27.JAN.2010 16:29:59



M

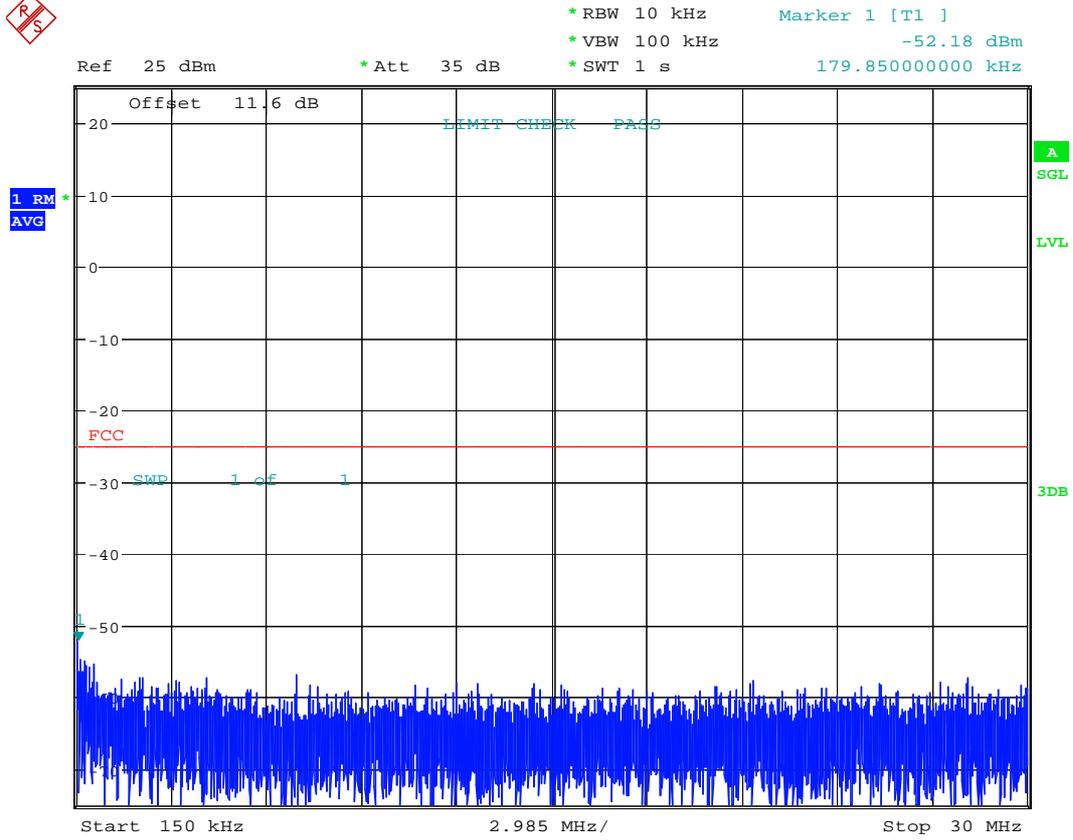


*RBW 1 kHz Marker 1 [T1]
*VBW 10 kHz -53.14 dBm
*SWT 1 s 9.211500000 kHz



PO

Date: 27.JAN.2010 16:26:03

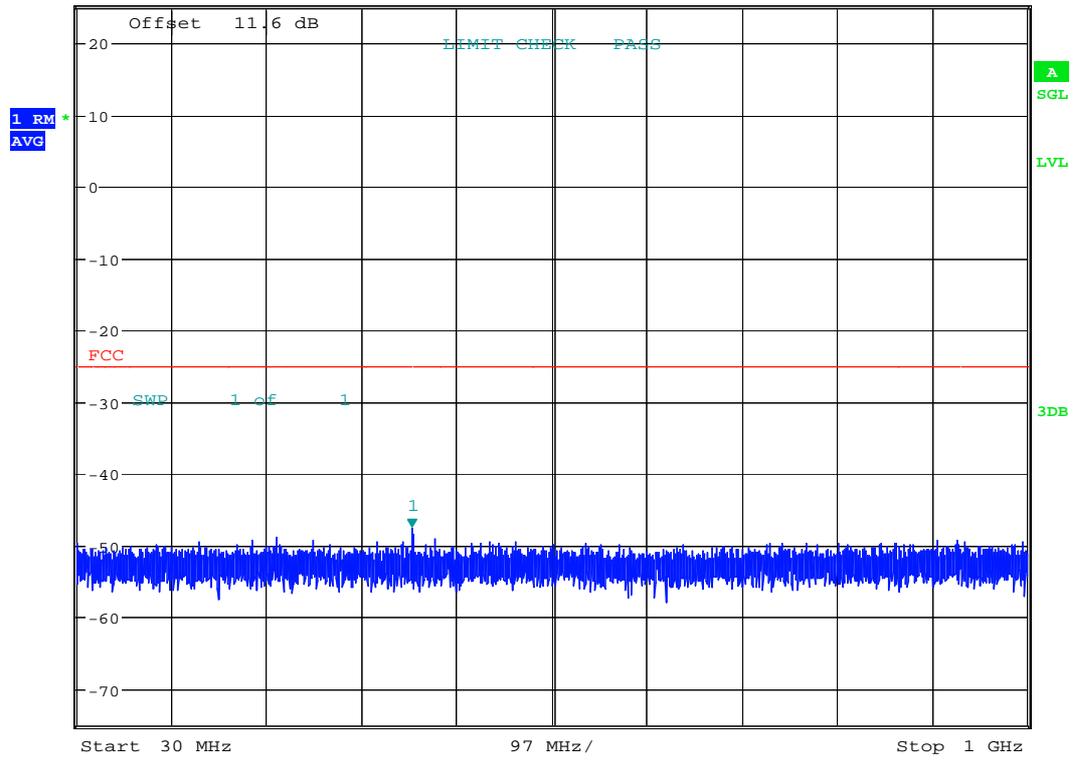


PO

Date: 27.JAN.2010 16:26:07

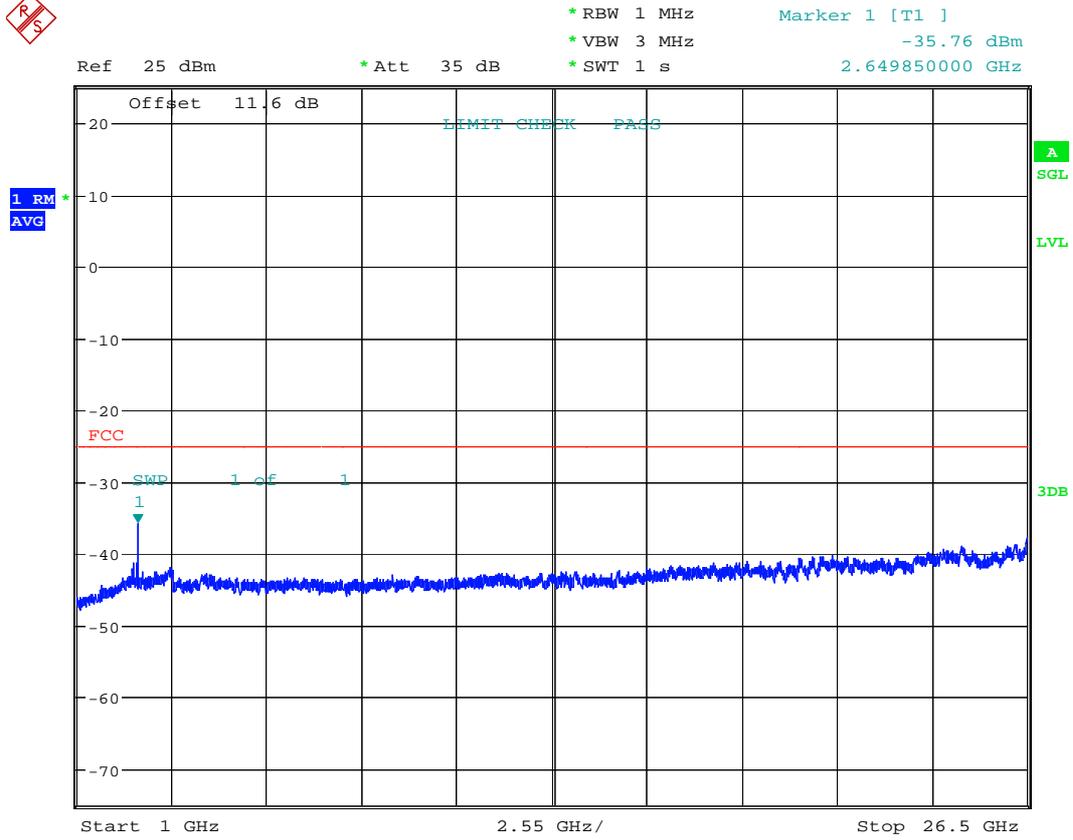


Ref 25 dBm * Att 35 dB * RBW 100 kHz Marker 1 [T1]
 * VBW 1 MHz -47.48 dBm
 * SWT 1 s 372.41000000 MHz



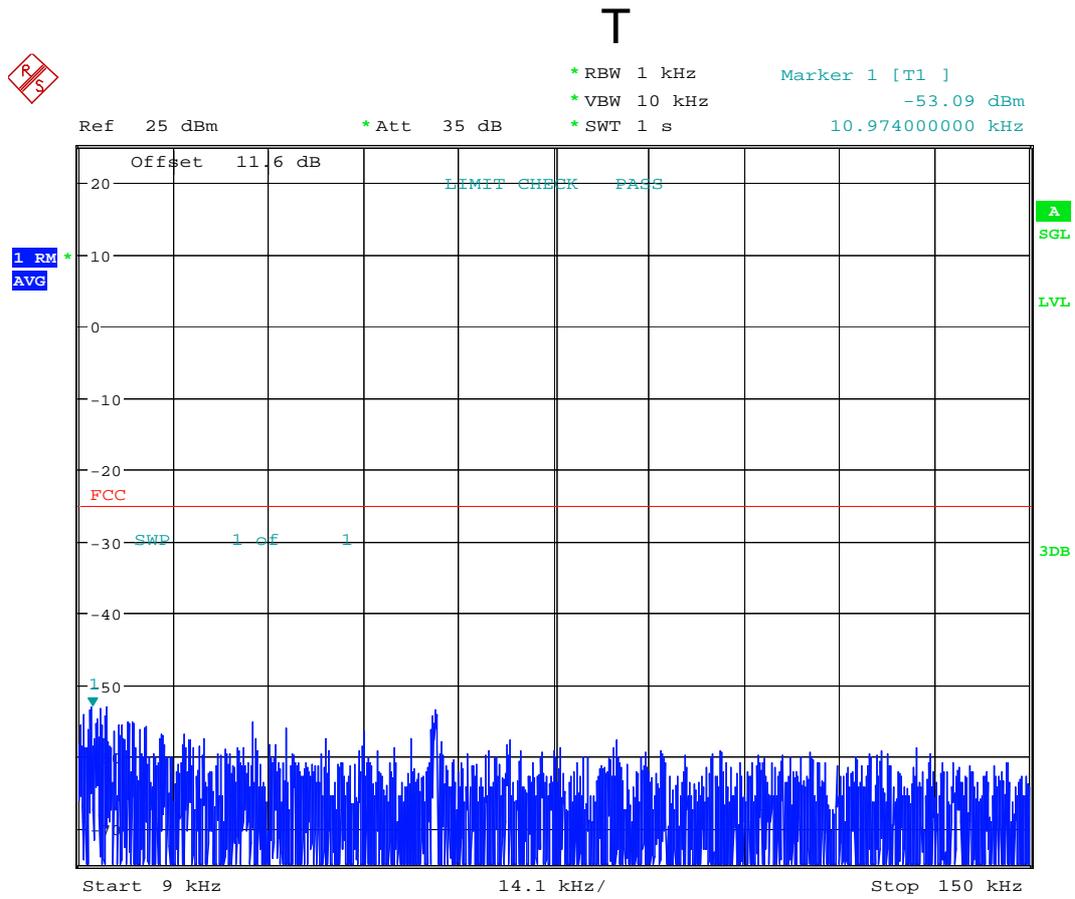
PO

Date: 27.JAN.2010 16:26:12



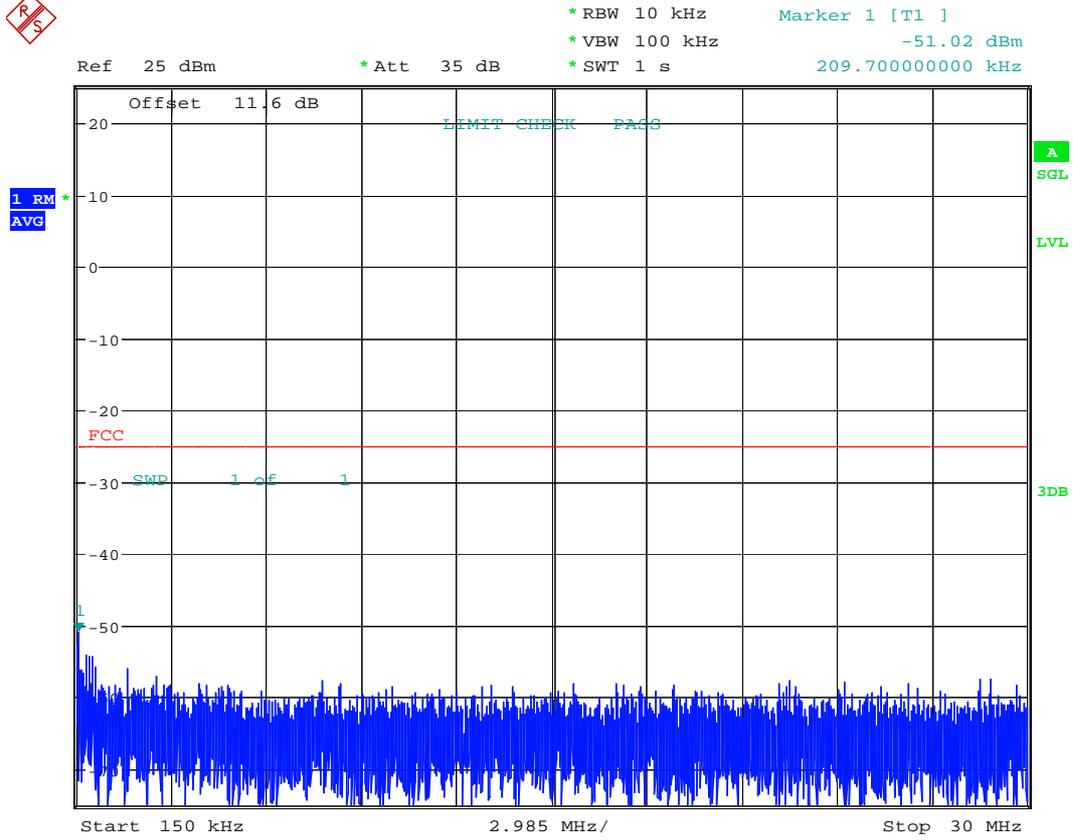
PO

Date: 27.JAN.2010 16:26:18



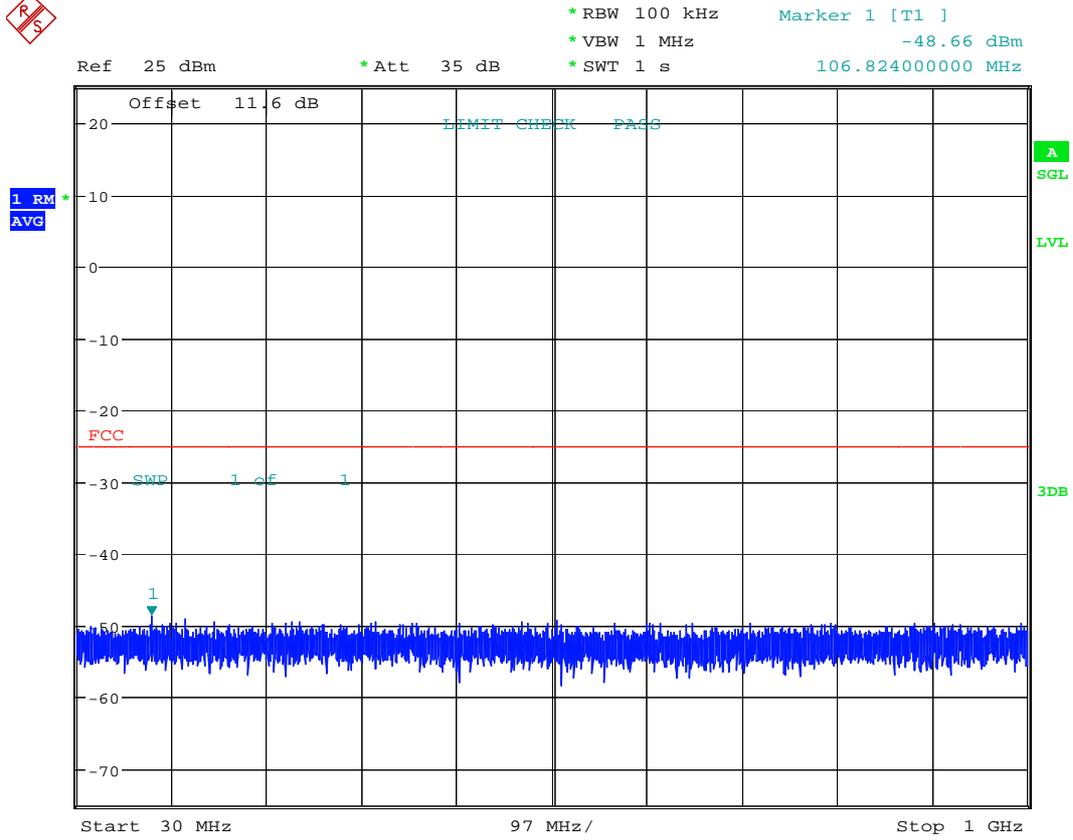
PO

Date: 27.JAN.2010 16:31:14



PO

Date: 27.JAN.2010 16:31:19

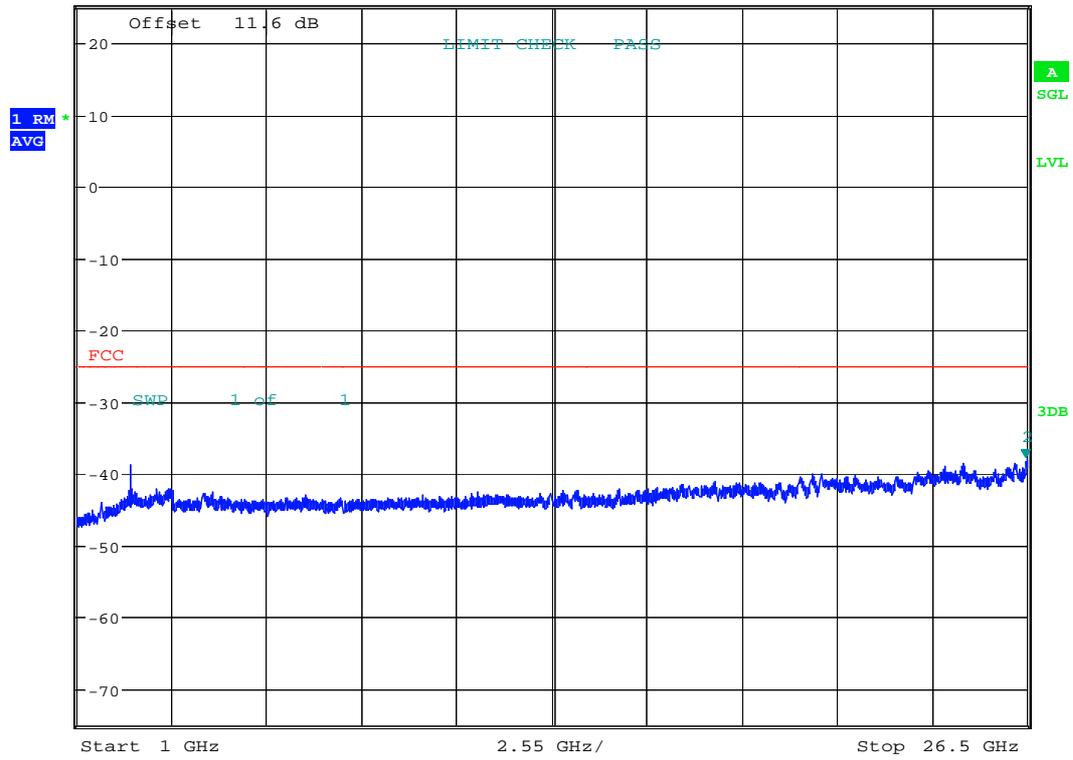


PO

Date: 27.JAN.2010 16:31:24



Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 2 [T1]
 * VBW 3 MHz -37.92 dBm
 * SWT 1 s 26.464300000 GHz



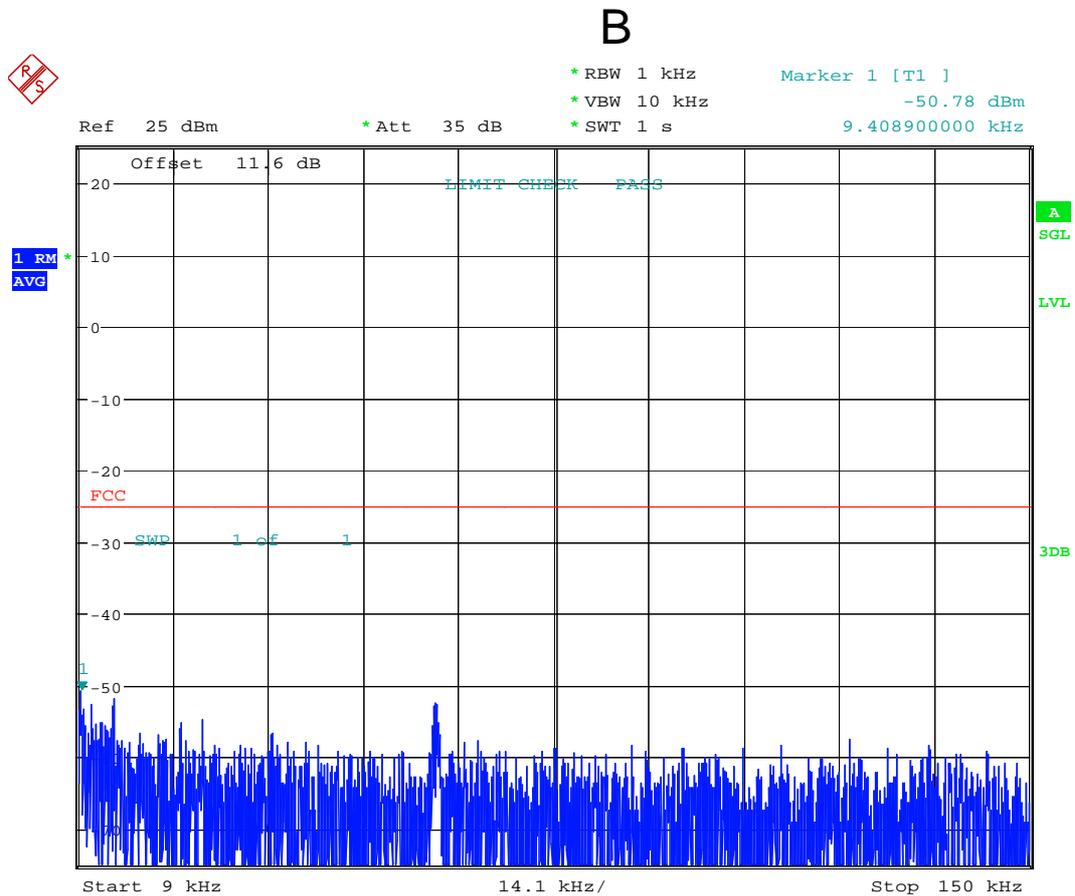
PO

Date: 27.JAN.2010 16:38:13



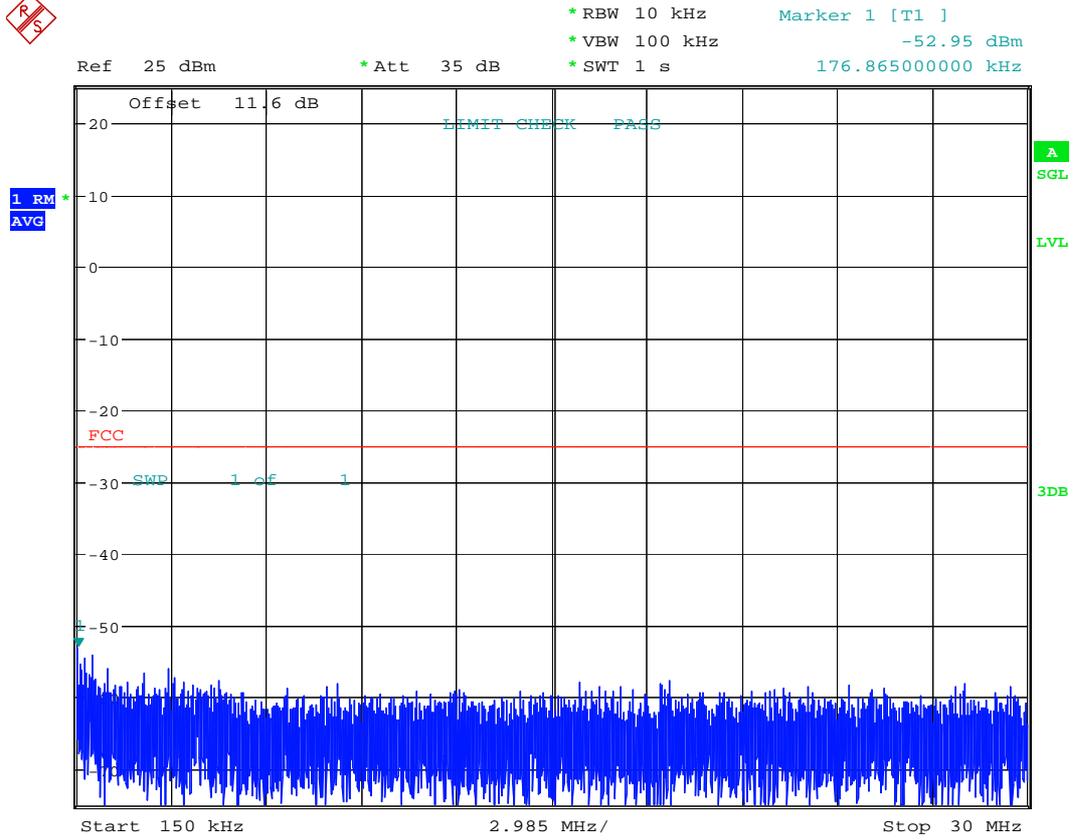
2. Channel Bandwidth = 10 MHz

1) TM 1



PO

Date: 27.JAN.2010 14:36:59

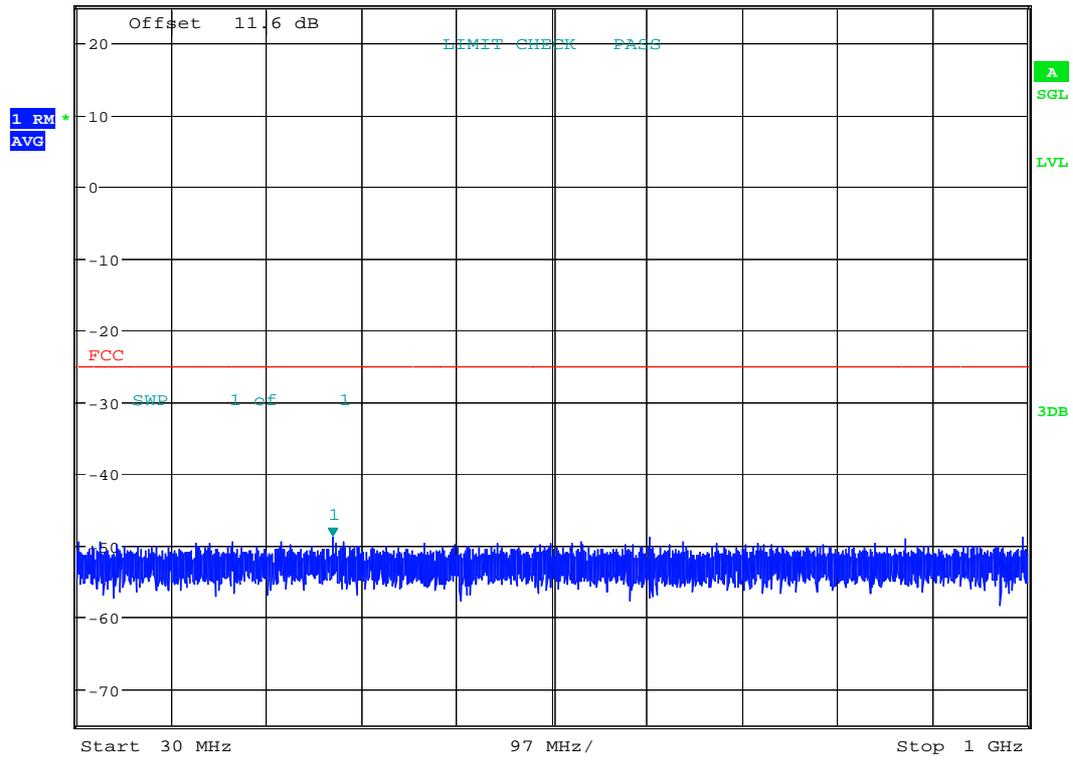


PO

Date: 27.JAN.2010 14:37:04



Ref 25 dBm * Att 35 dB * RBW 100 kHz Marker 1 [T1]
 * VBW 1 MHz -48.75 dBm
 * SWT 1 s 291.609000000 MHz

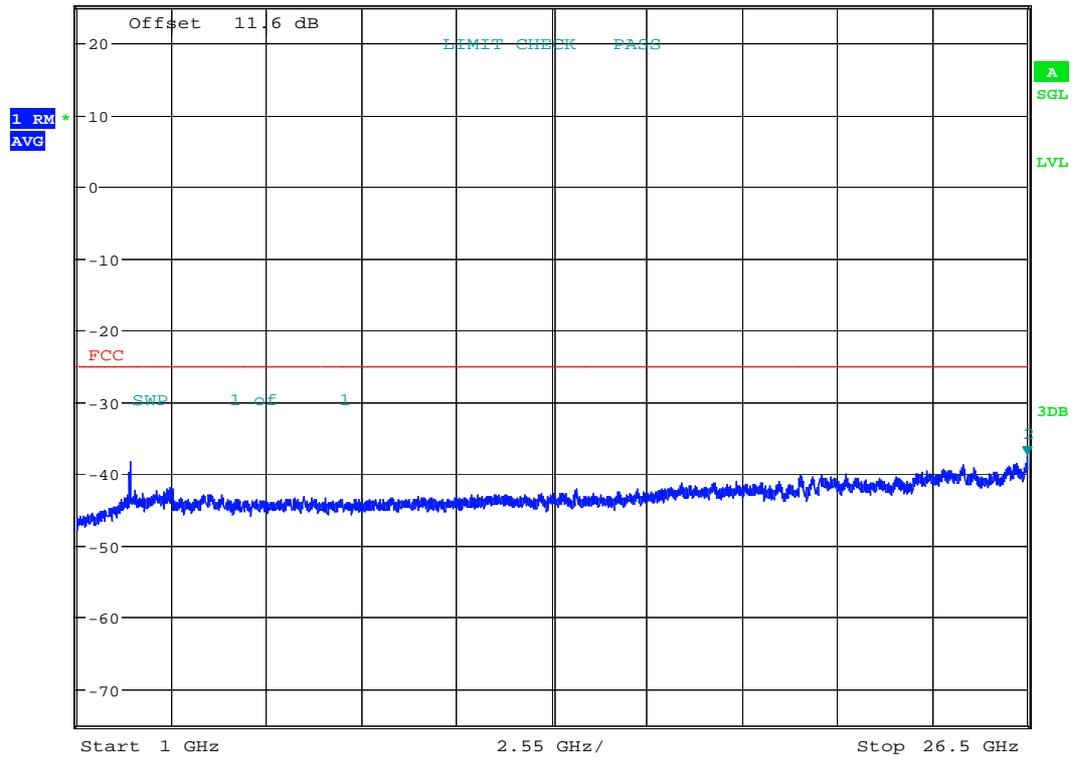


PO

Date: 27.JAN.2010 14:37:08



Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 2 [T1]
 * VBW 3 MHz -37.55 dBm
 * SWT 1 s 26.484700000 GHz

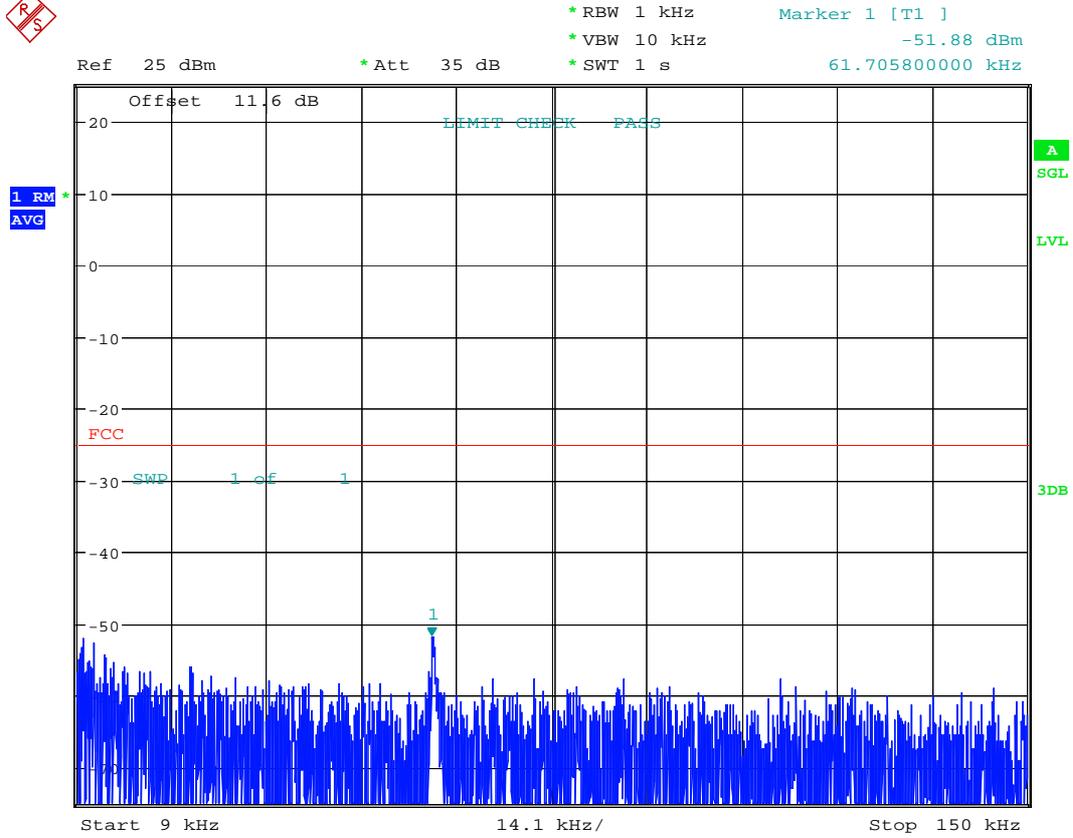


PO

Date: 27.JAN.2010 14:37:14

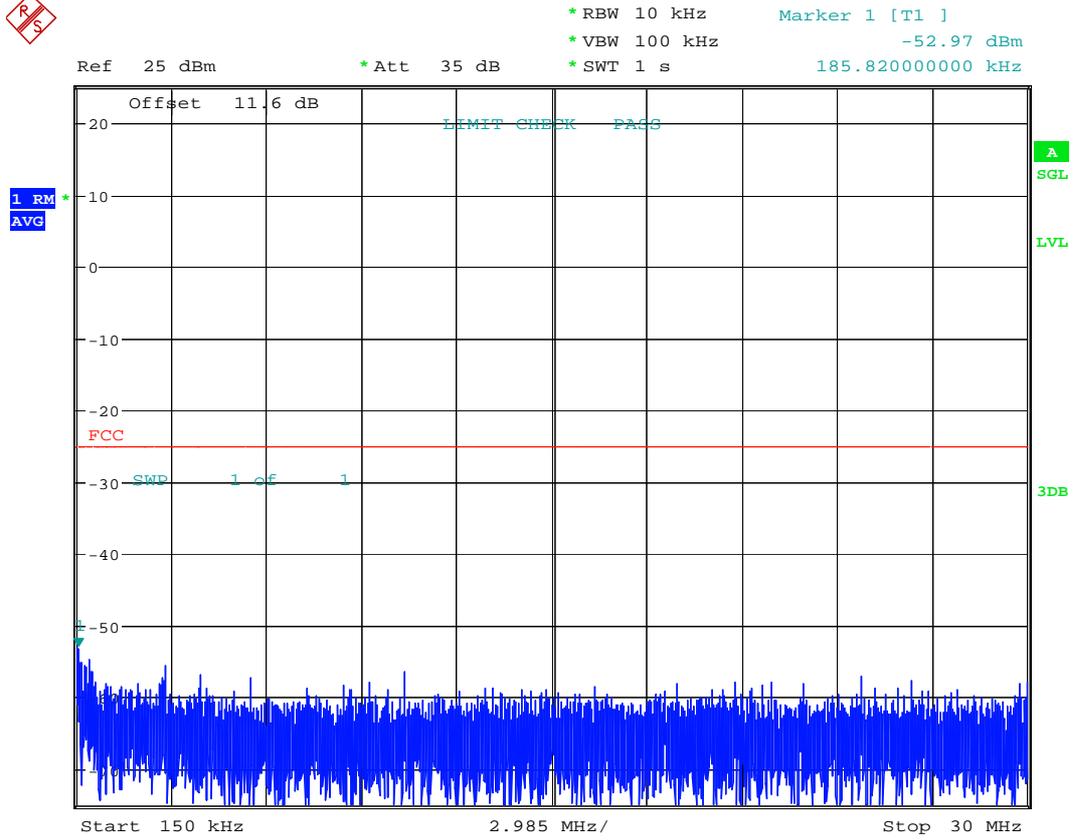


M



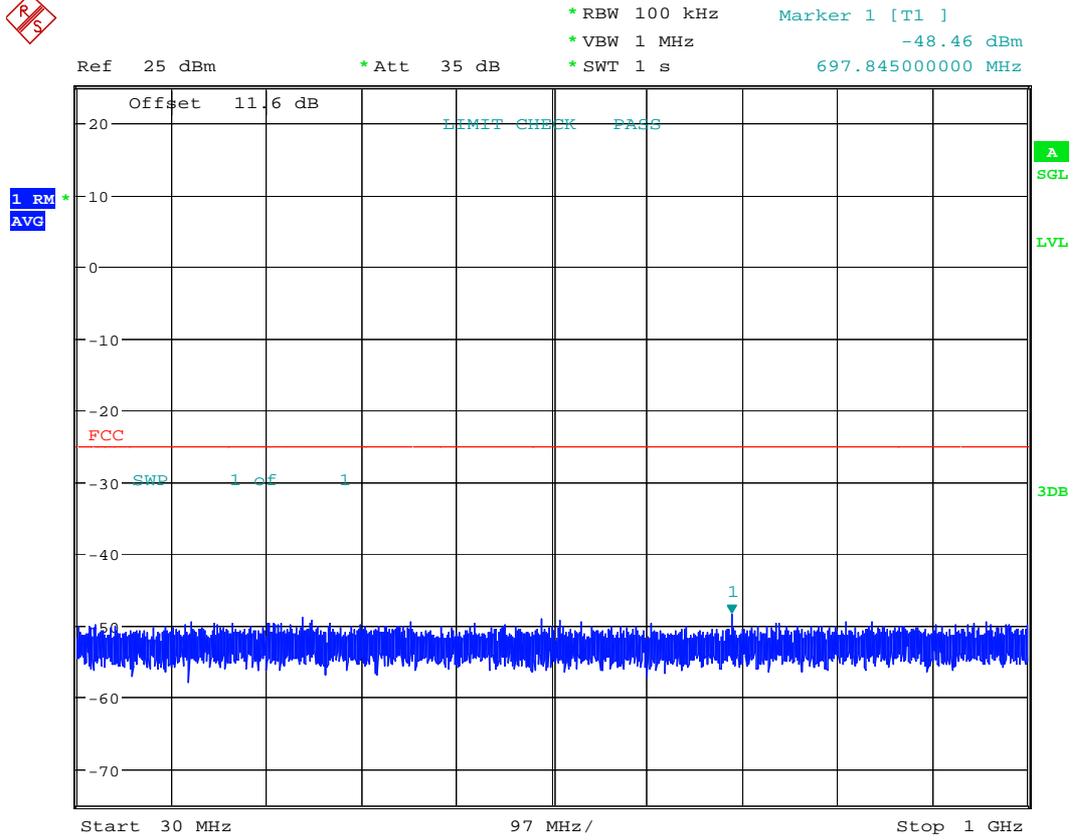
PO

Date: 27.JAN.2010 15:48:07



PO

Date: 27.JAN.2010 15:48:12

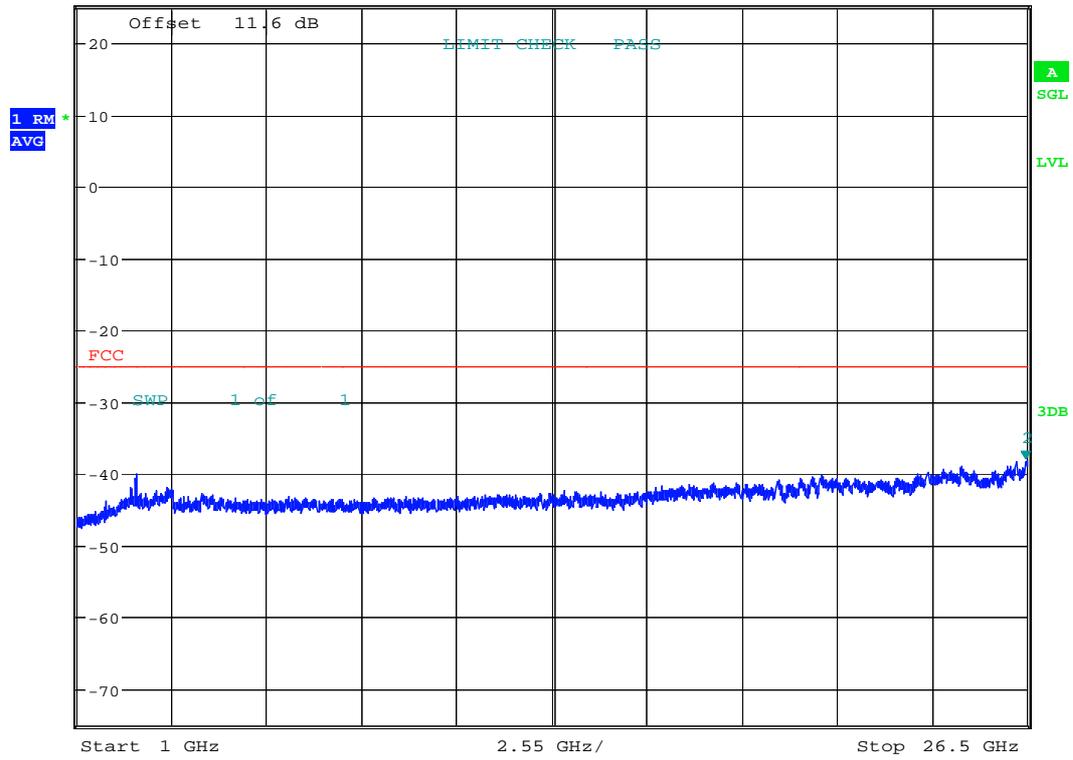


PO

Date: 27.JAN.2010 15:48:16

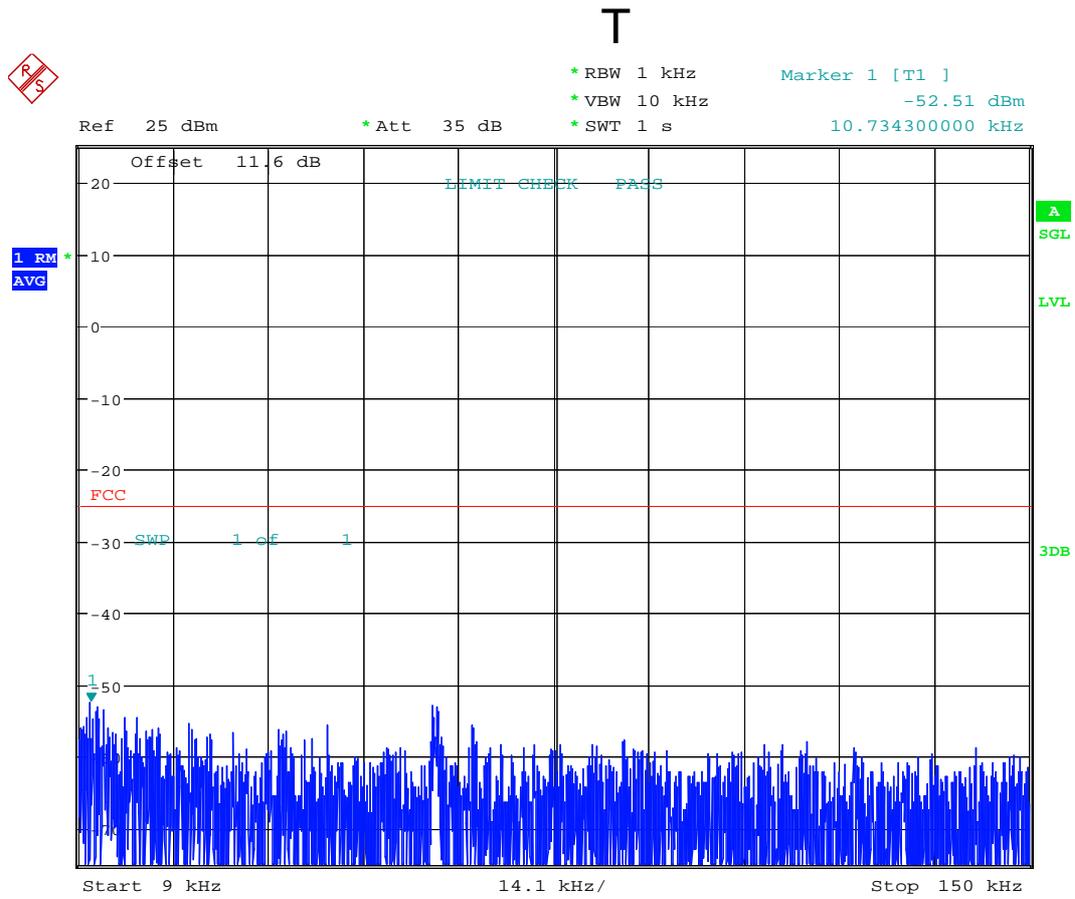


Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 2 [T1]
 * VBW 3 MHz -38.07 dBm
 * SWT 1 s 26.474500000 GHz



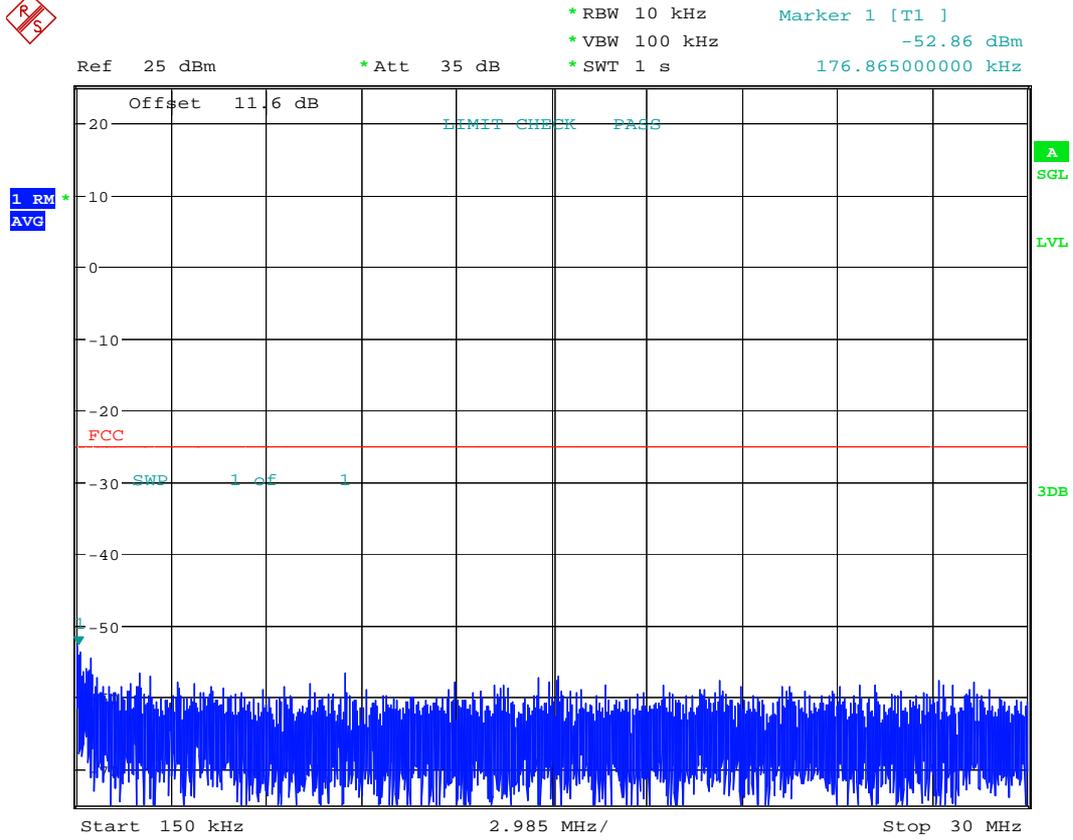
PO

Date: 27.JAN.2010 15:48:22



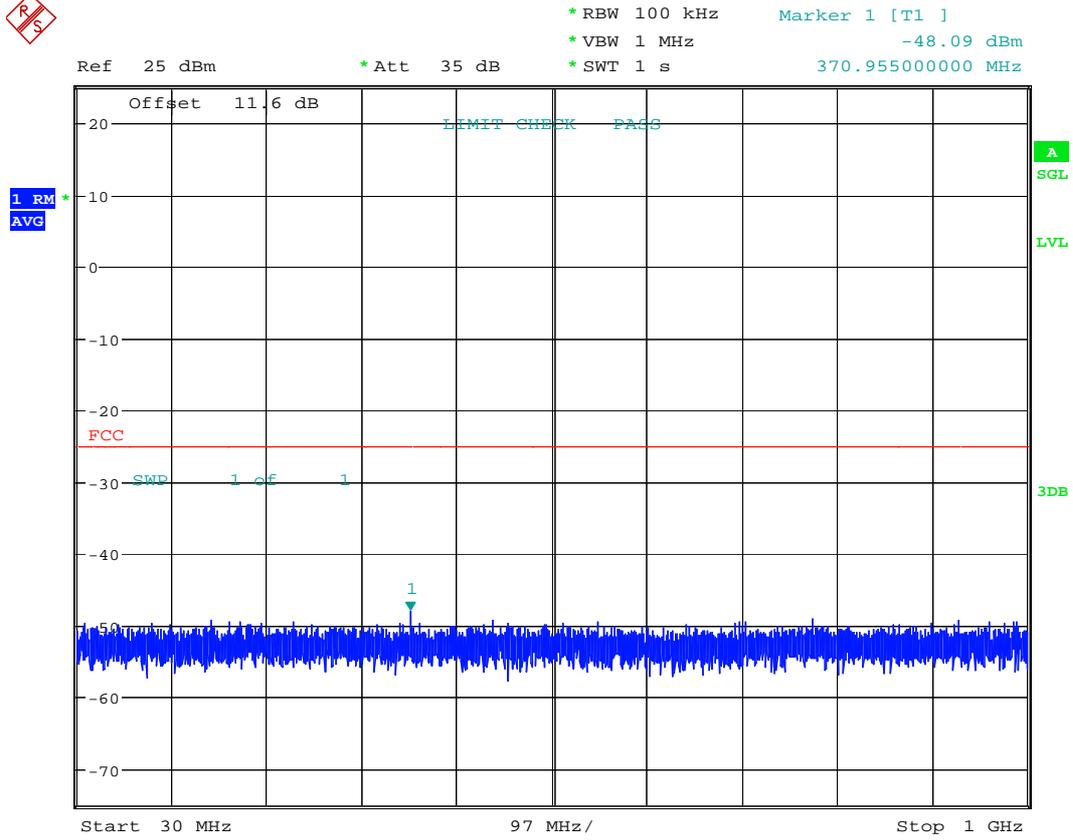
PO

Date: 27.JAN.2010 14:56:36



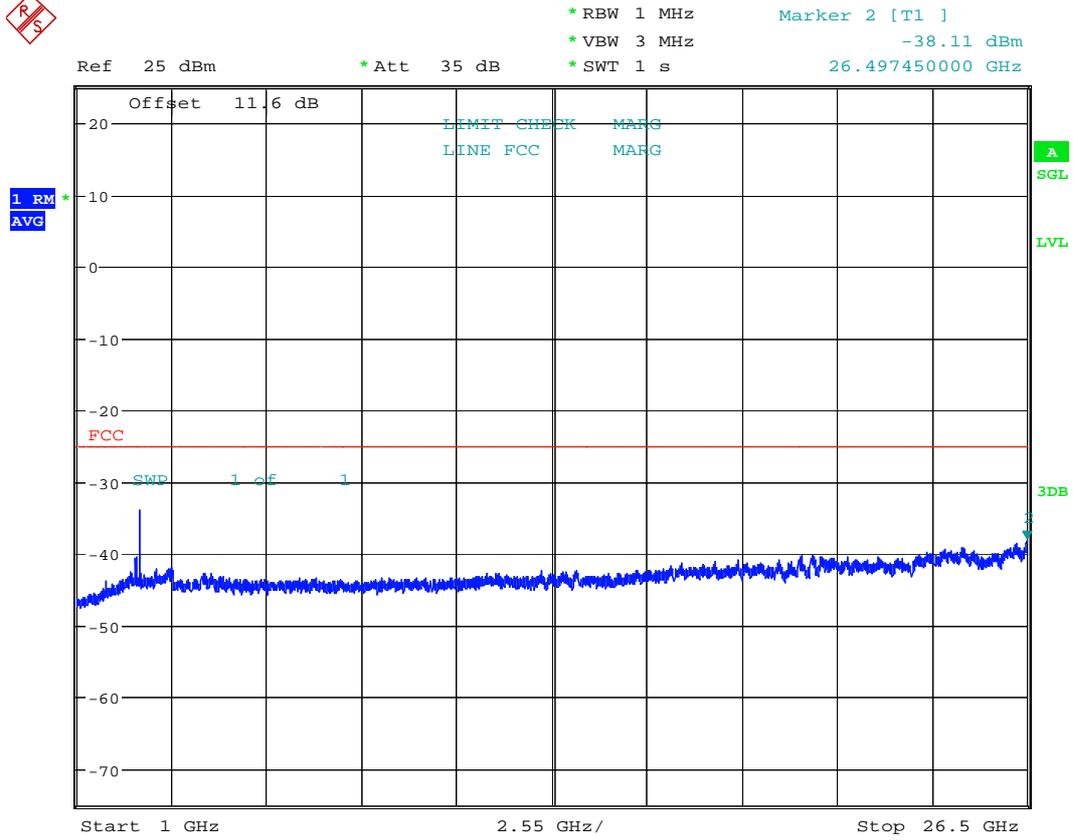
PO

Date: 27.JAN.2010 14:56:40



PO

Date: 27.JAN.2010 14:56:45

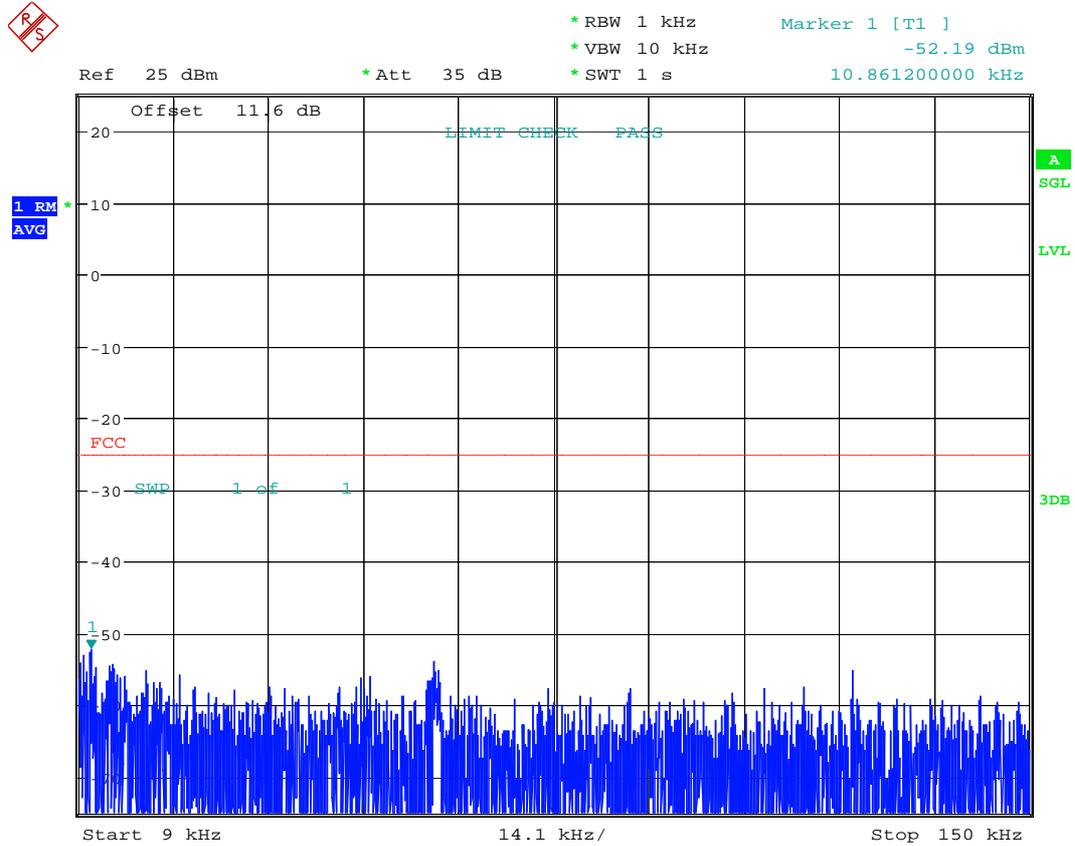


PO

Date: 27.JAN.2010 14:56:51

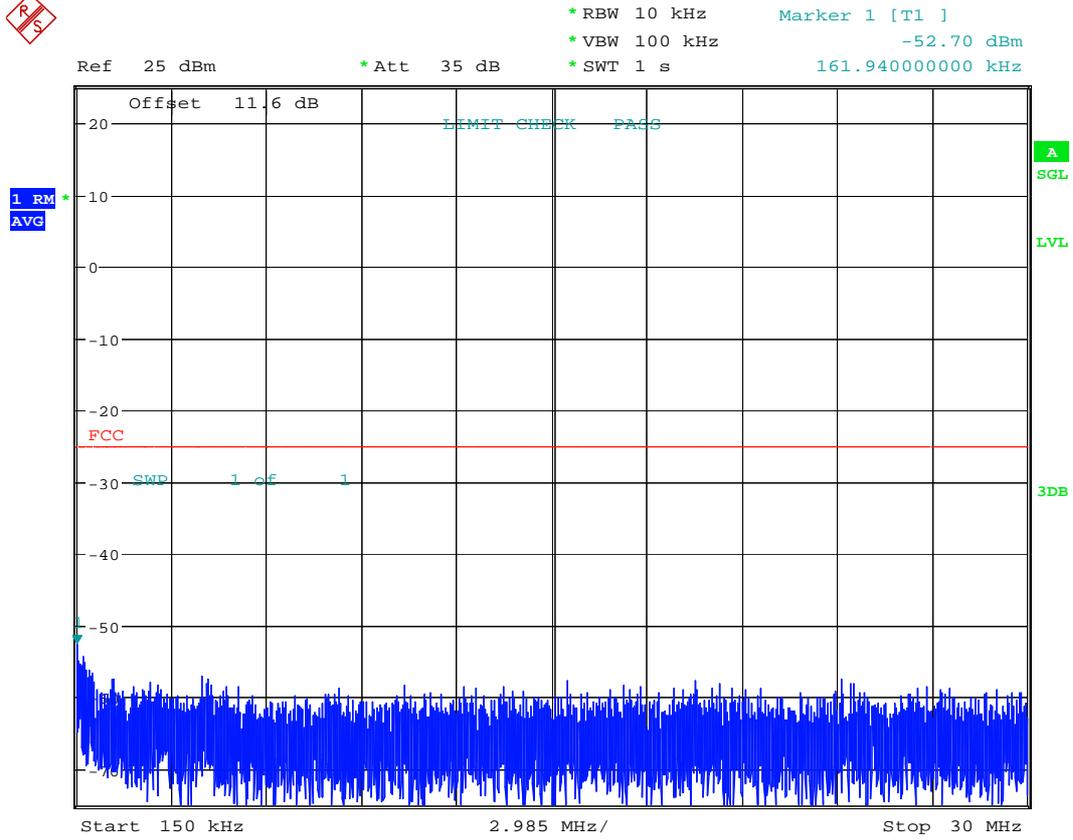
2) TM 2

B



PO

Date: 27.JAN.2010 15:06:02

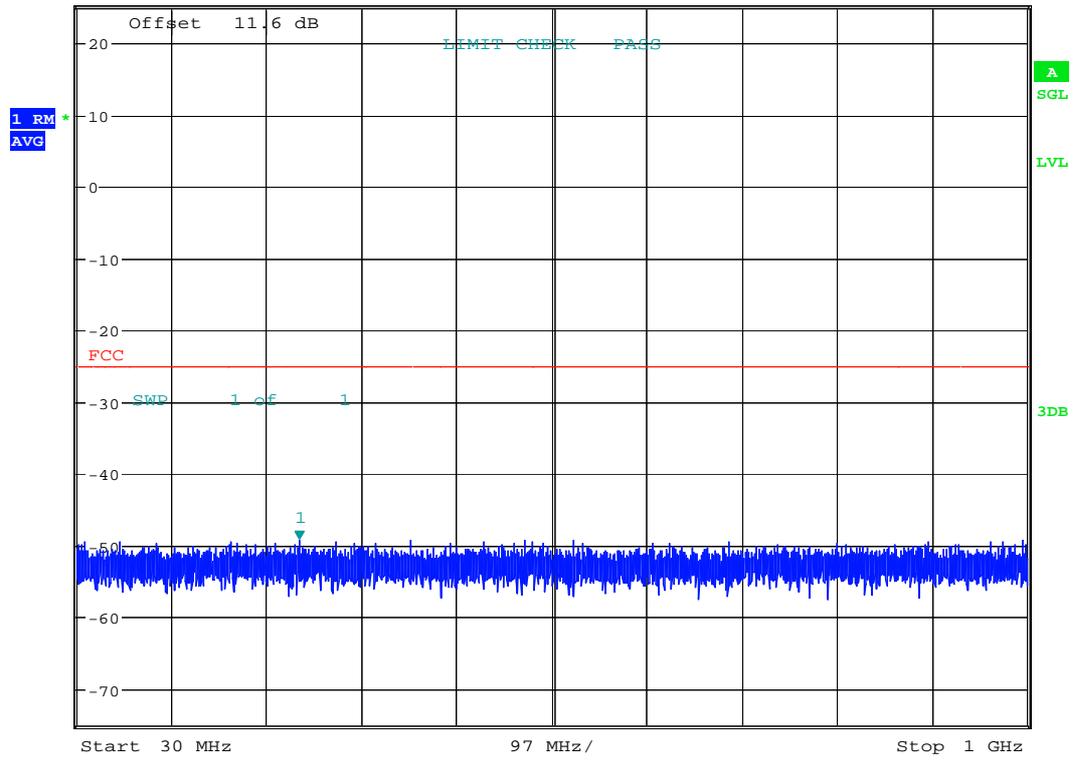


PO

Date: 27.JAN.2010 15:06:07

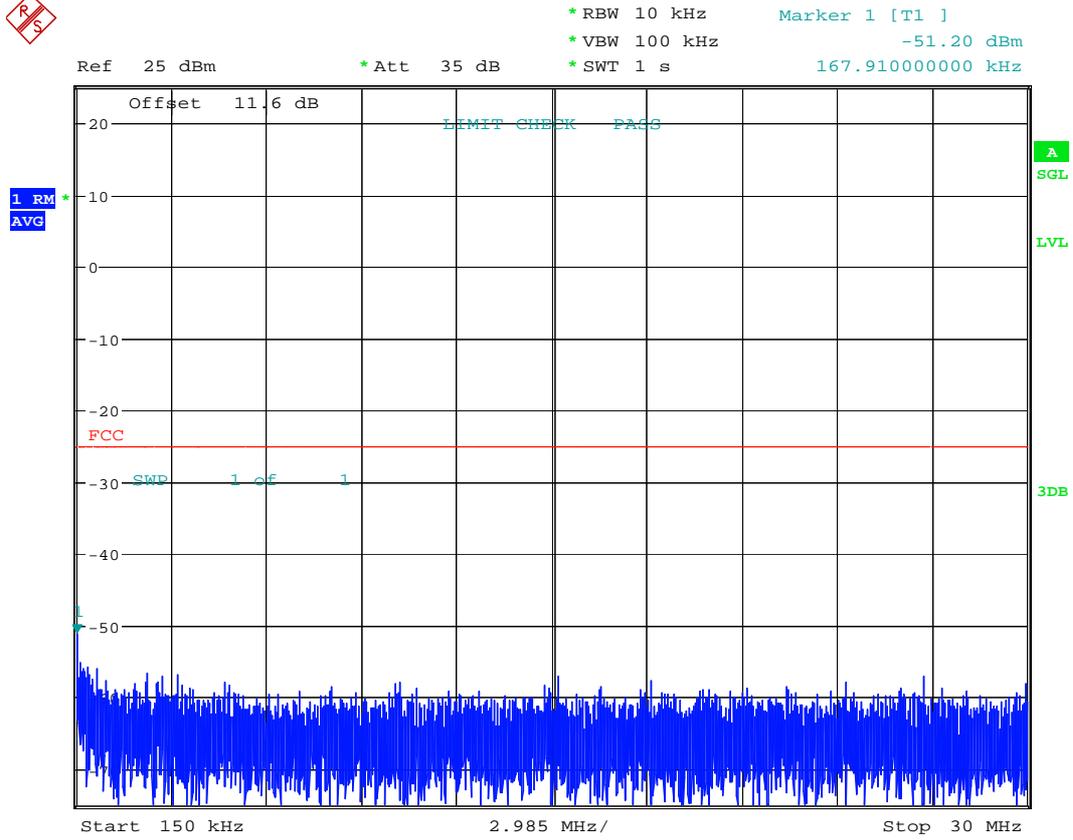


Ref 25 dBm * Att 35 dB * RBW 100 kHz Marker 1 [T1]
 * VBW 1 MHz -49.24 dBm
 * SWT 1 s 256.786000000 MHz



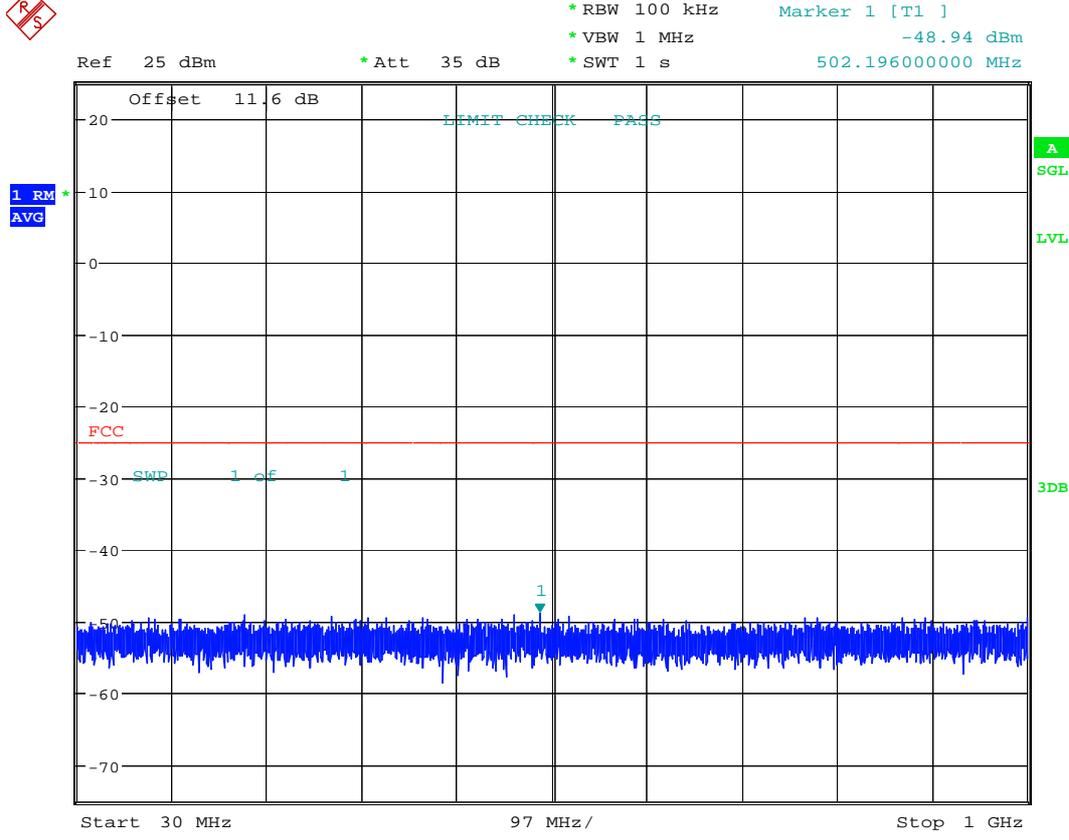
PO

Date: 27.JAN.2010 15:06:12



PO

Date: 27.JAN.2010 15:45:43

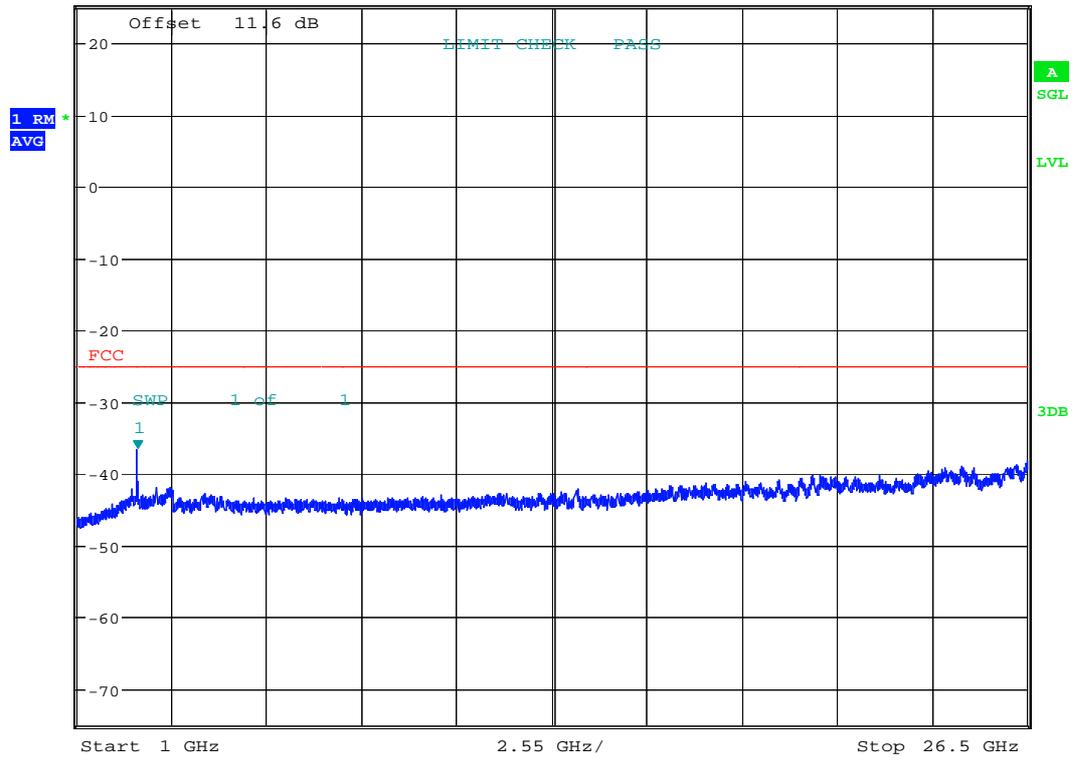


PO

Date: 27.JAN.2010 15:45:48

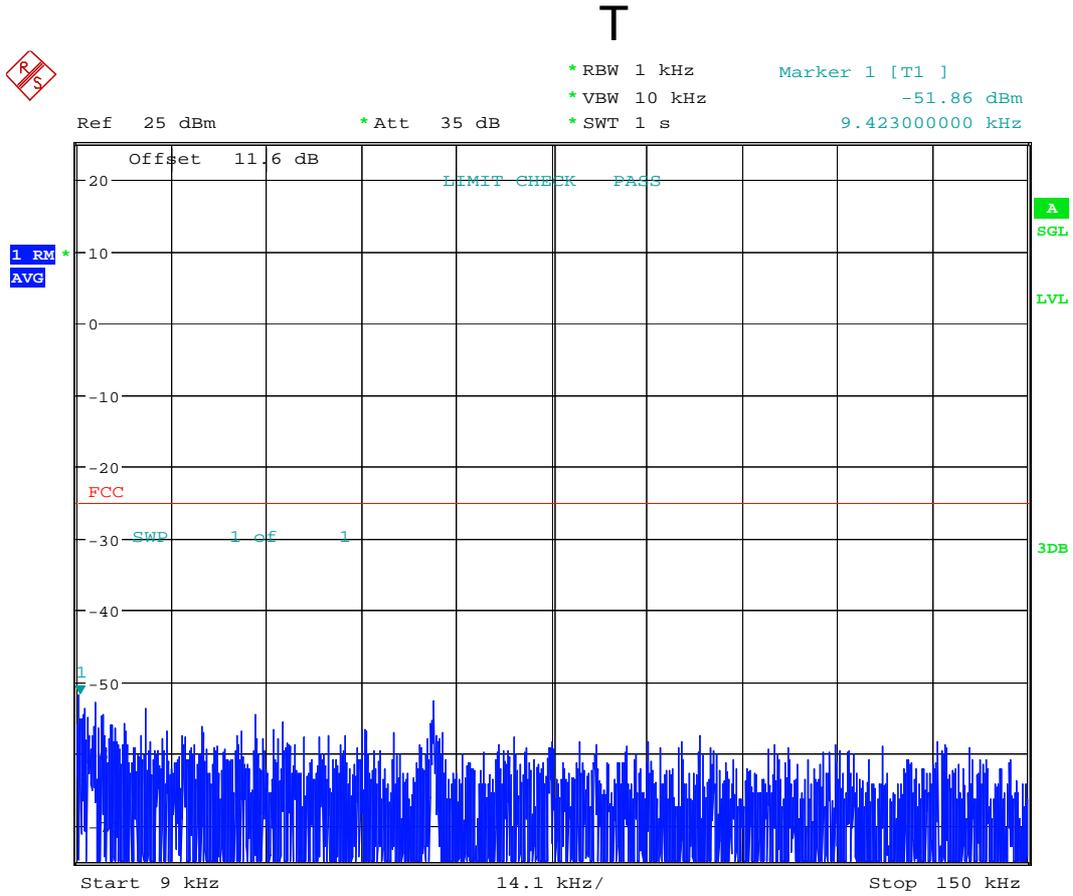


Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 1 [T1]
 * VBW 3 MHz -36.68 dBm
 * SWT 1 s 2.619250000 GHz



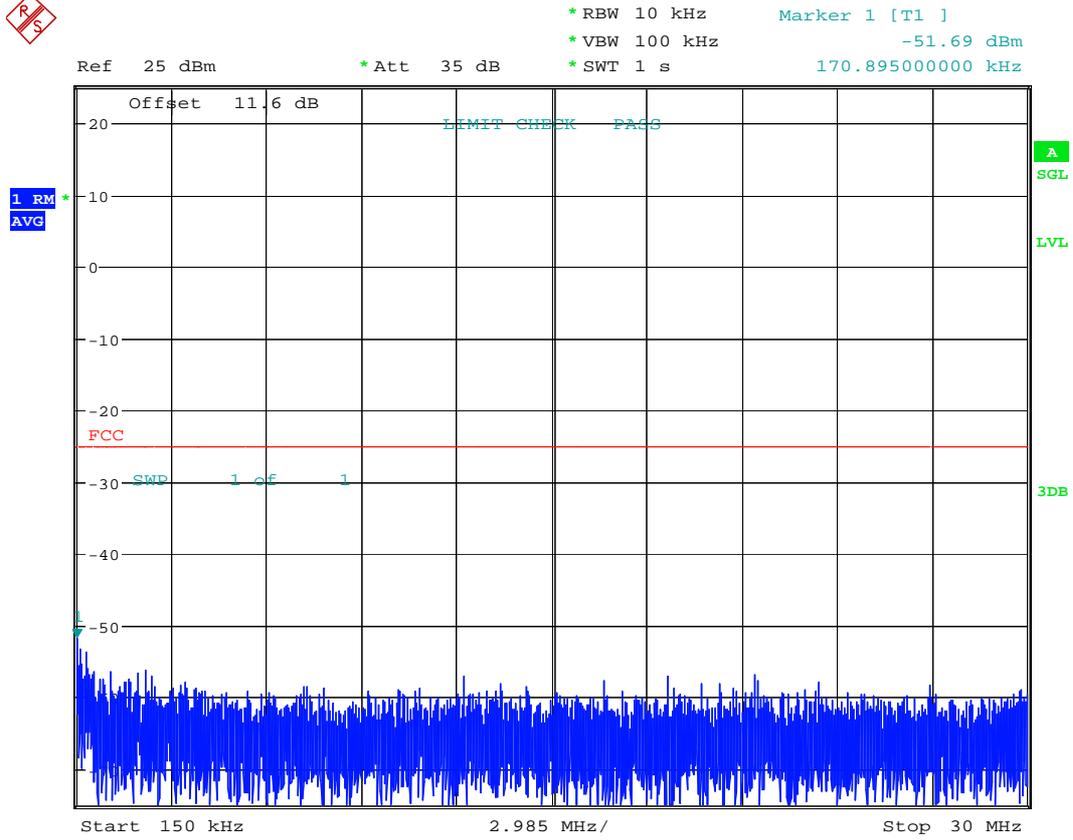
PO

Date: 27.JAN.2010 15:45:53



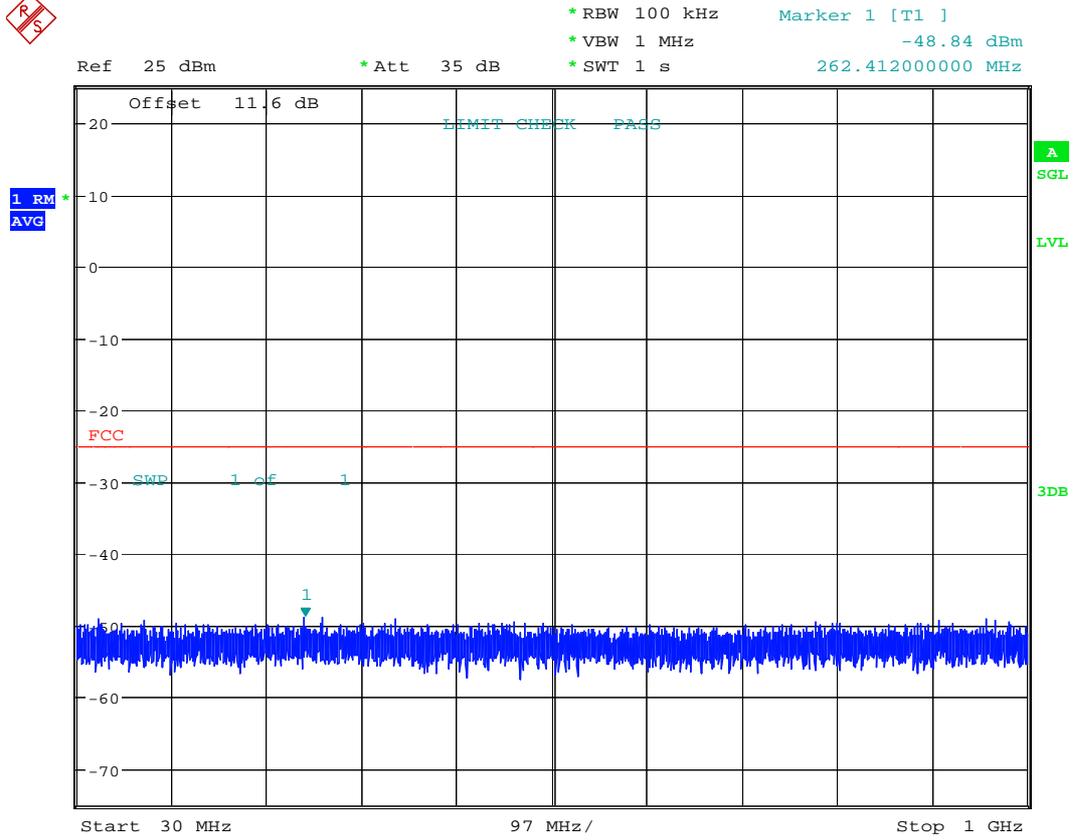
PO

Date: 27.JAN.2010 15:04:27



PO

Date: 27.JAN.2010 15:04:31

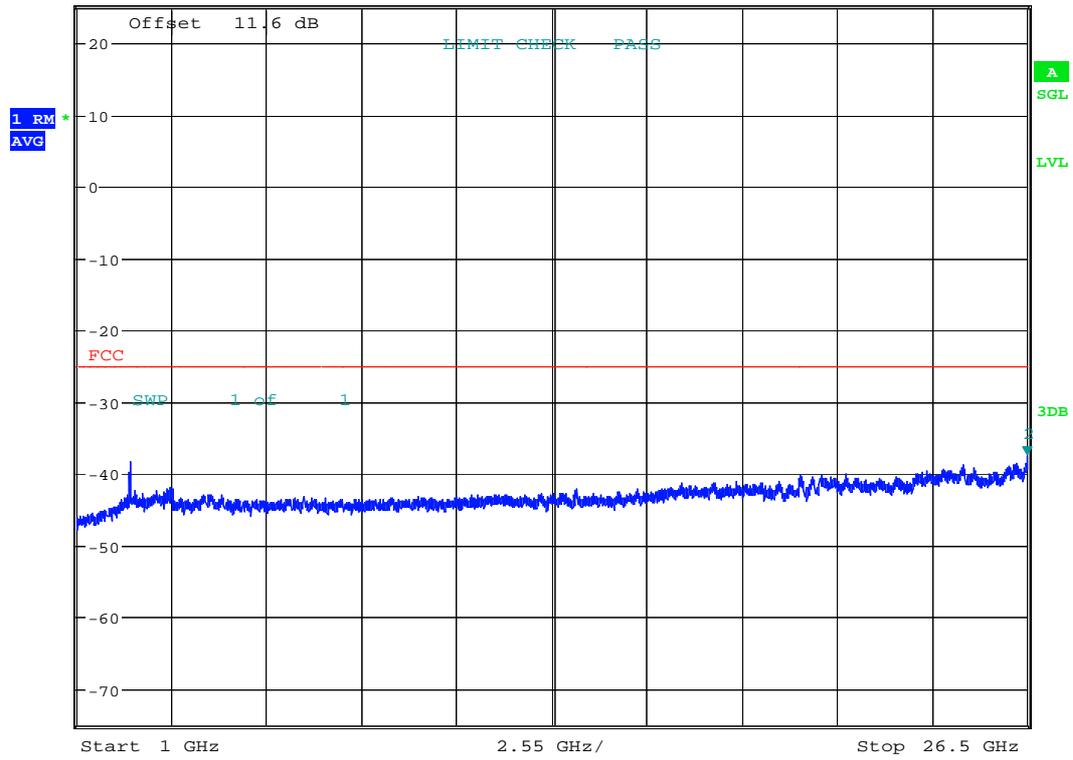


PO

Date: 27.JAN.2010 15:04:36



Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 2 [T1]
 * VBW 3 MHz -37.55 dBm
 * SWT 1 s 26.484700000 GHz

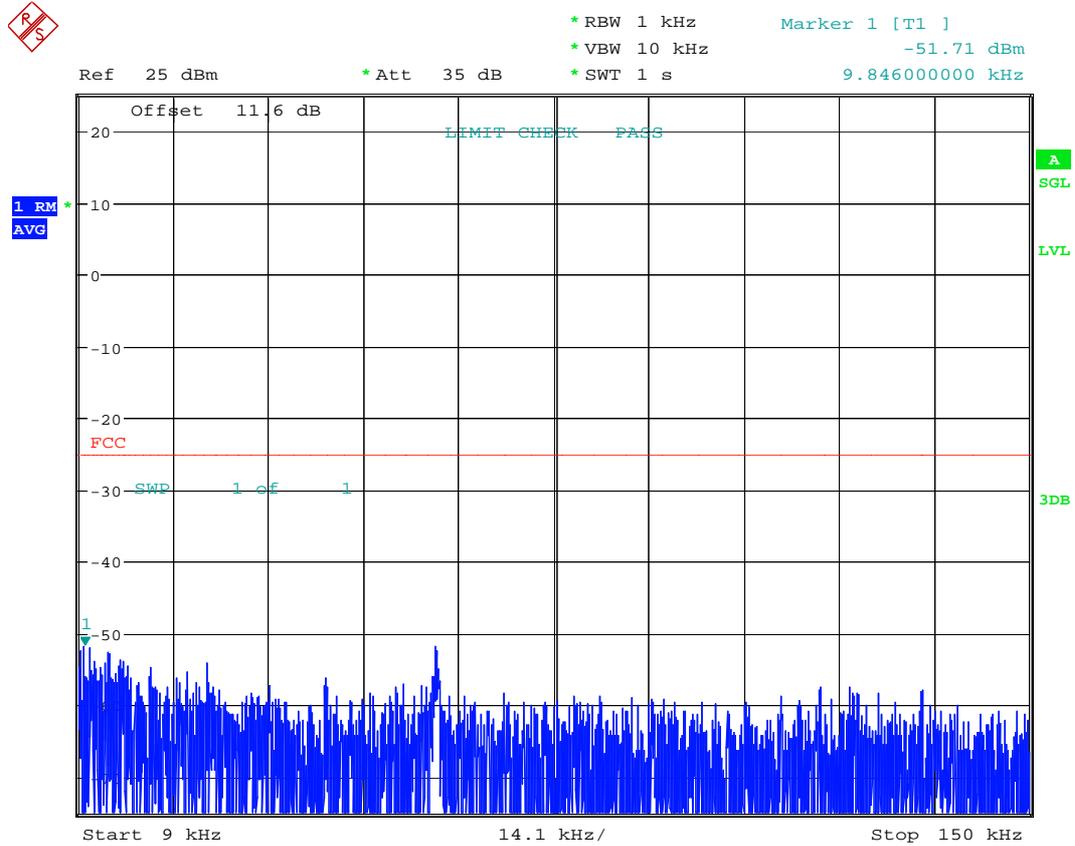


PO

Date: 27.JAN.2010 14:37:14

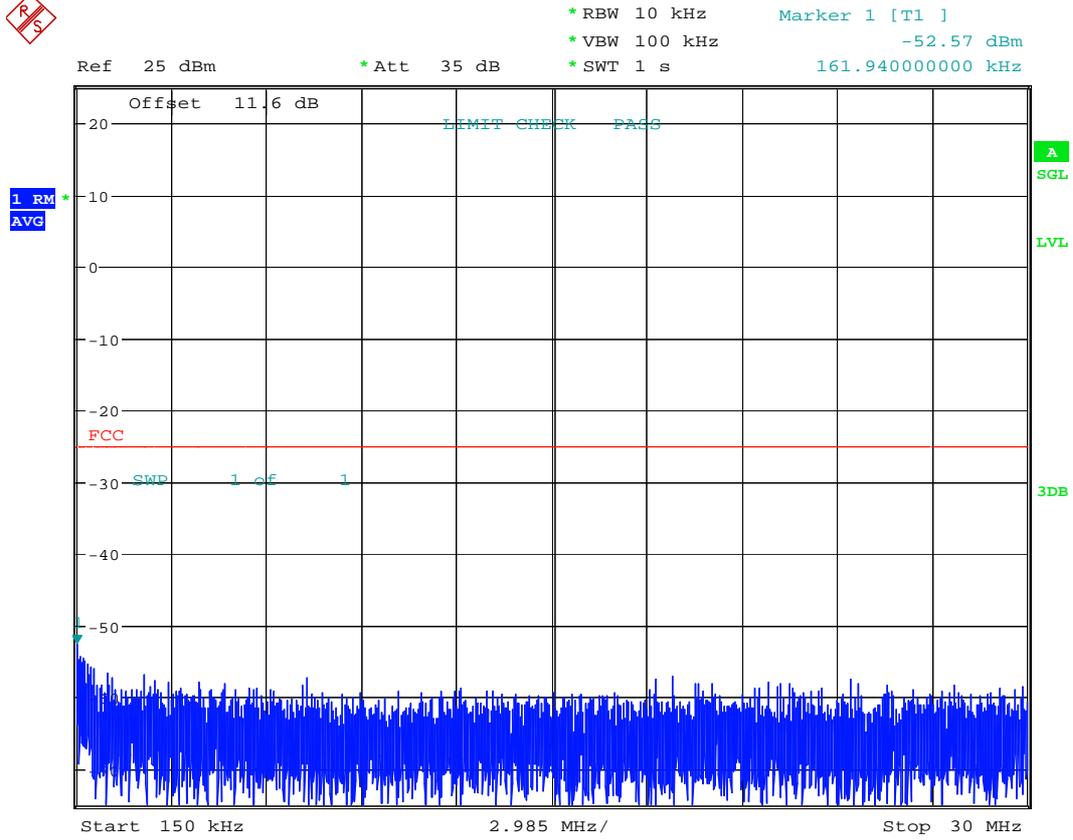
3) TM 3

B



PO

Date: 27.JAN.2010 15:09:28

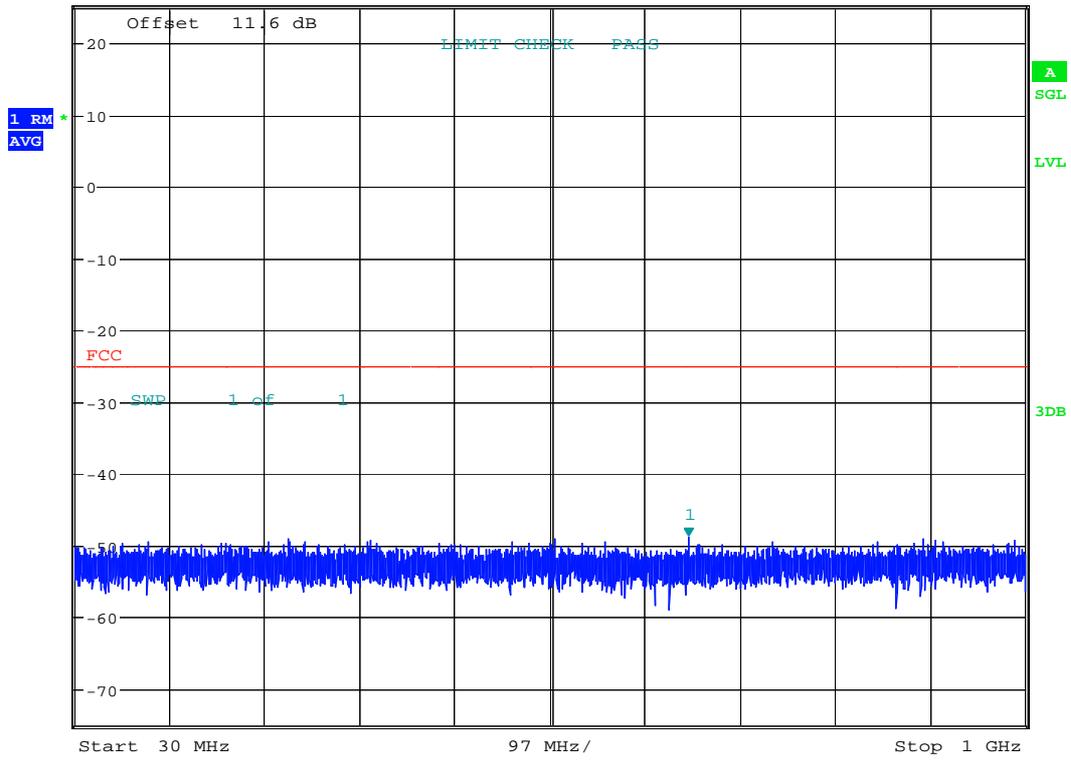


PO

Date: 27.JAN.2010 15:09:33



Ref 25 dBm * Att 35 dB * RBW 100 kHz Marker 1 [T1]
 * VBW 1 MHz -48.94 dBm
 * SWT 1 s 655.844000000 MHz

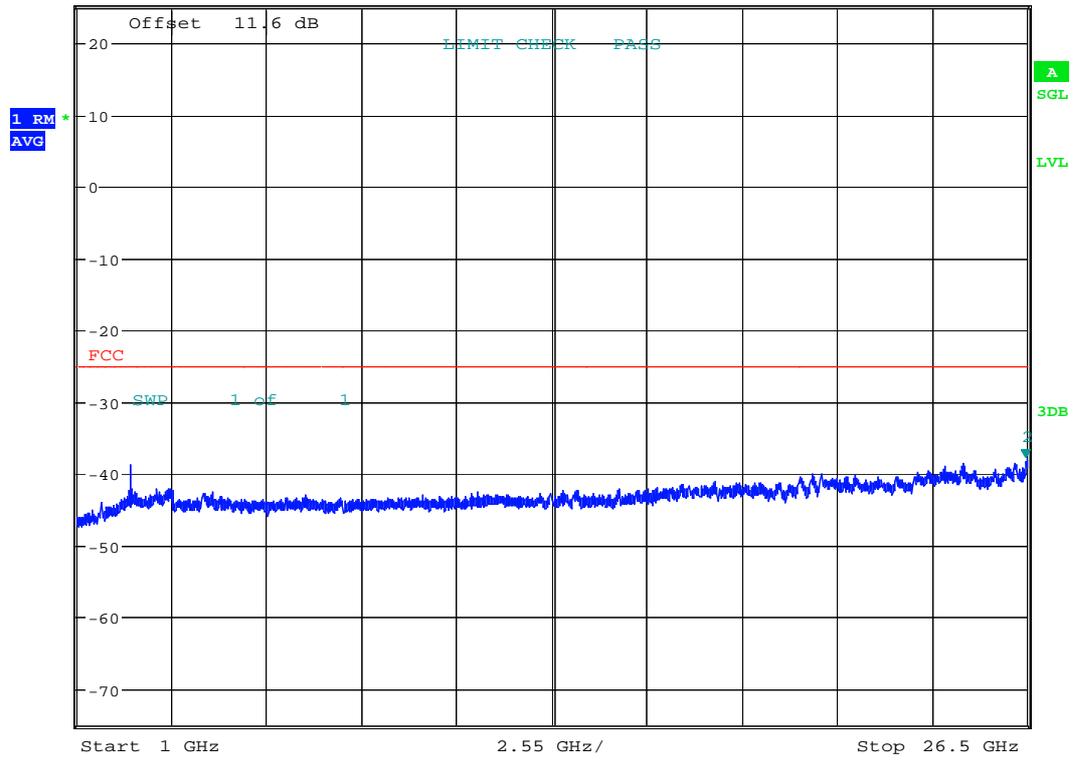


PO

Date: 27.JAN.2010 15:09:37



Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 2 [T1]
 * VBW 3 MHz -37.92 dBm
 * SWT 1 s 26.464300000 GHz

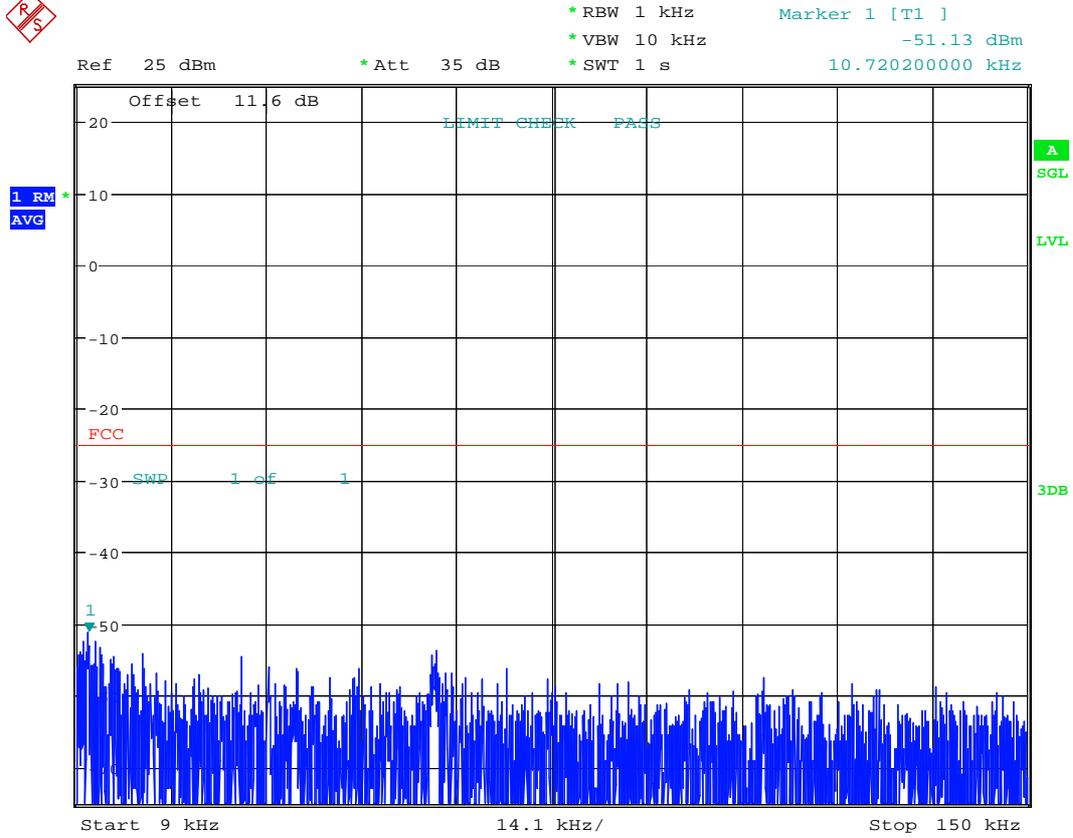


PO

Date: 27.JAN.2010 16:38:13

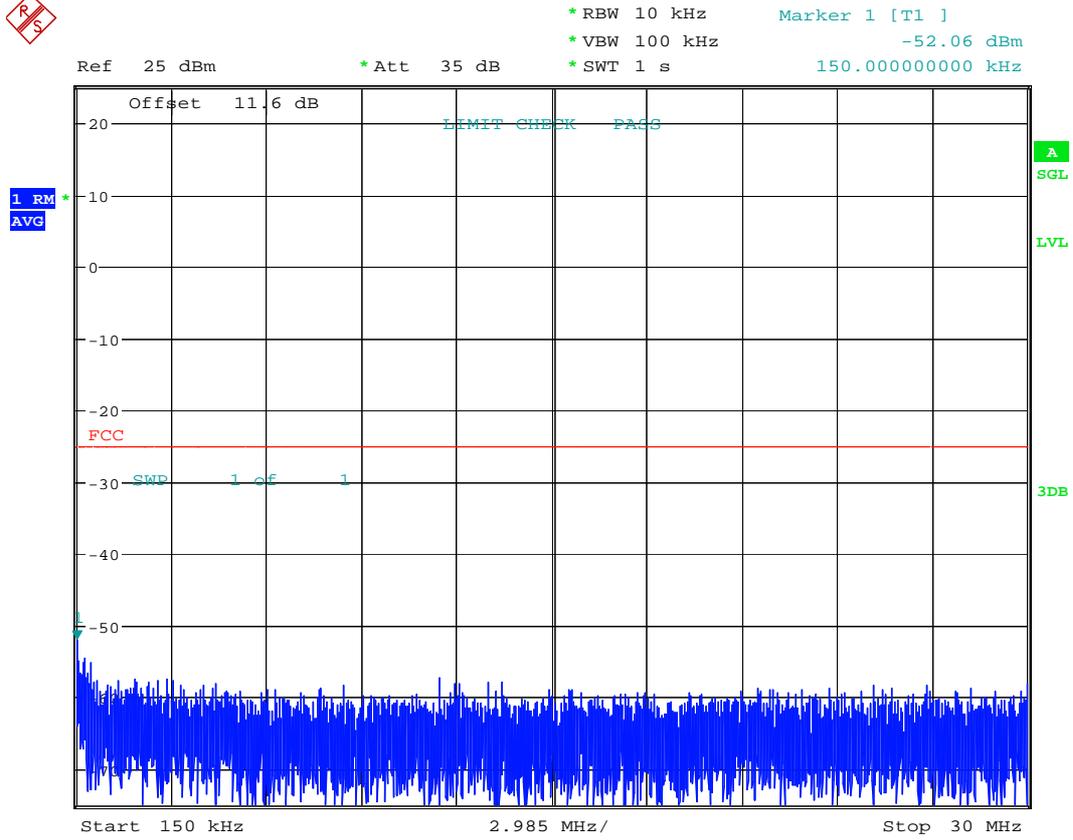


M



PO

Date: 27.JAN.2010 15:38:27

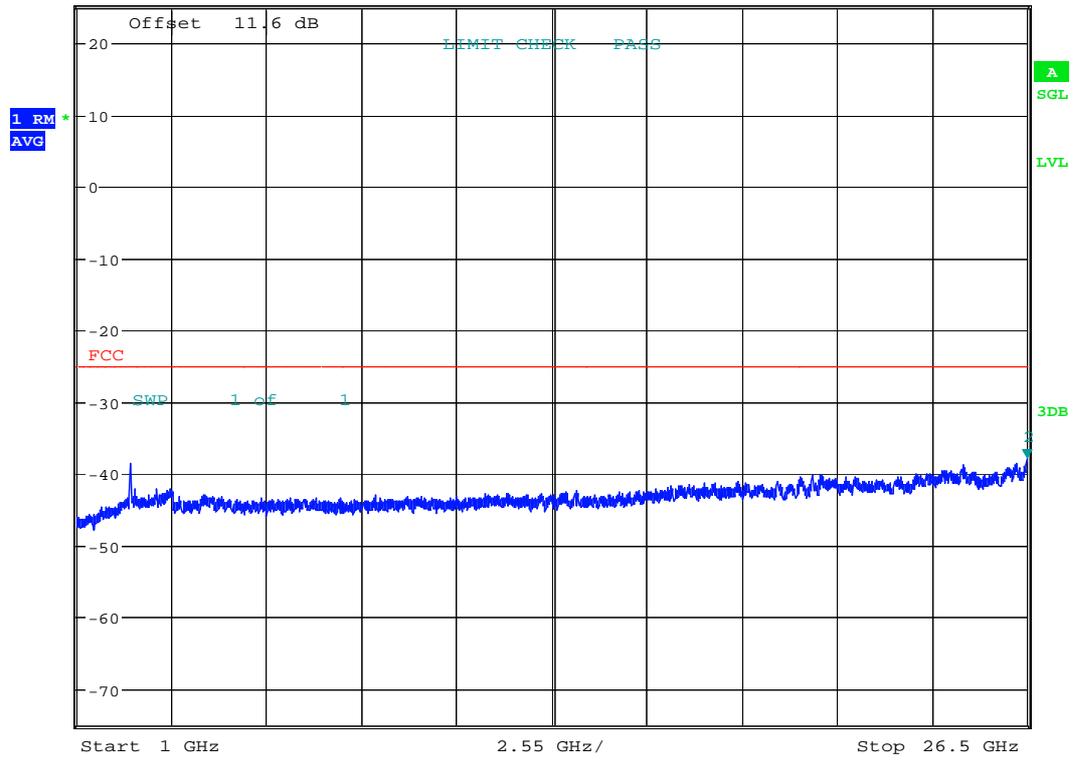


PO

Date: 27.JAN.2010 15:38:32

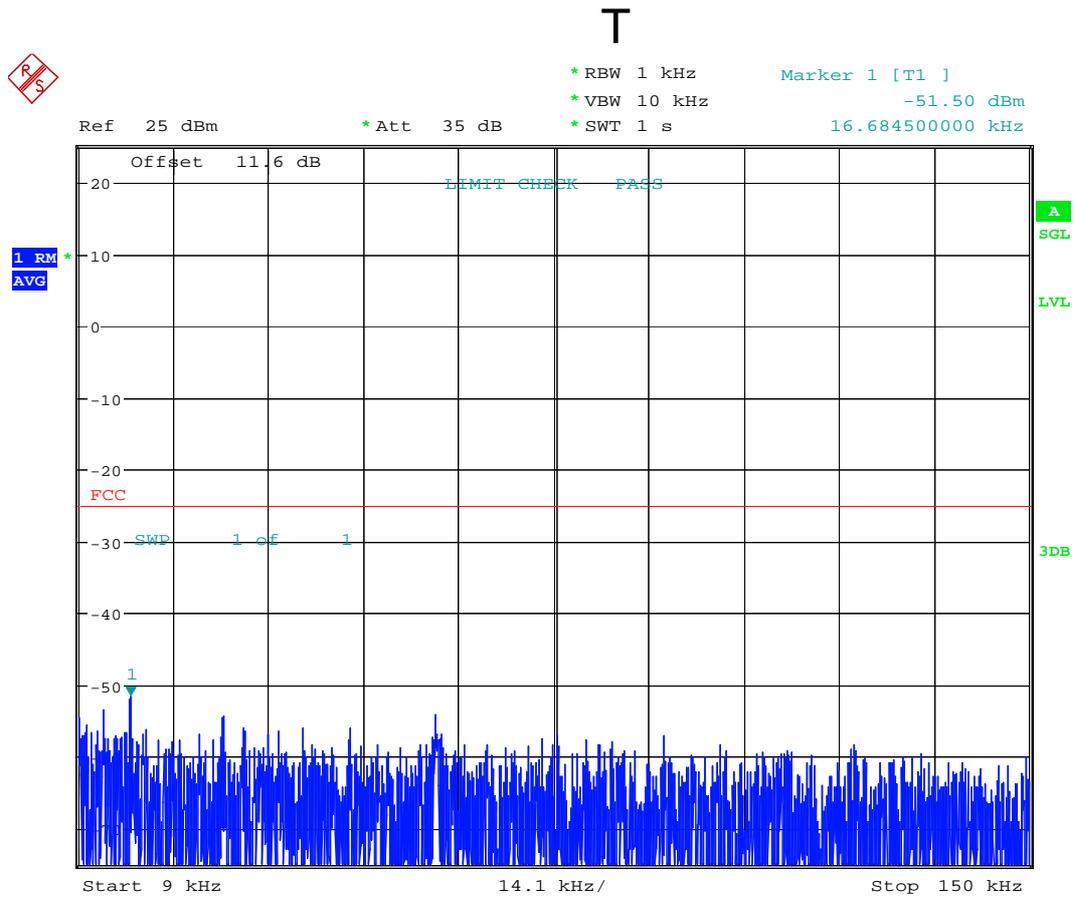


Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 2 [T1]
 * VBW 3 MHz -38.01 dBm
 * SWT 1 s 26.492350000 GHz



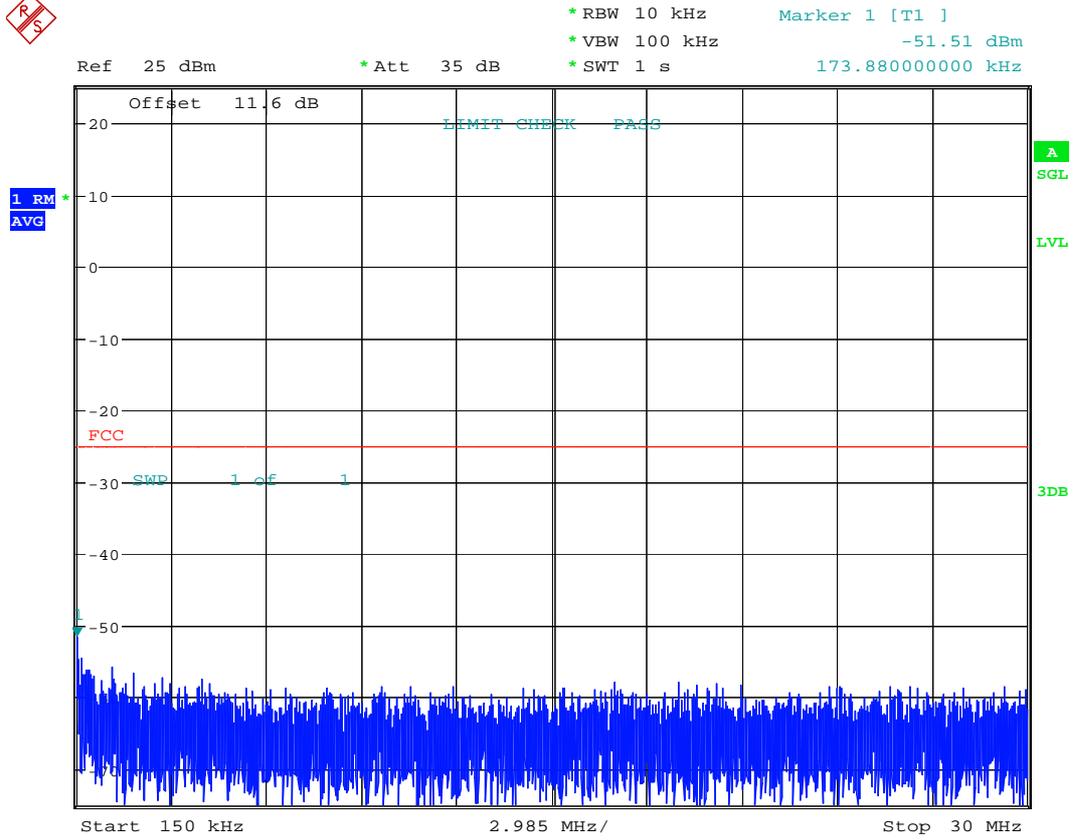
PO

Date: 27.JAN.2010 15:34:08



PO

Date: 27.JAN.2010 15:23:42

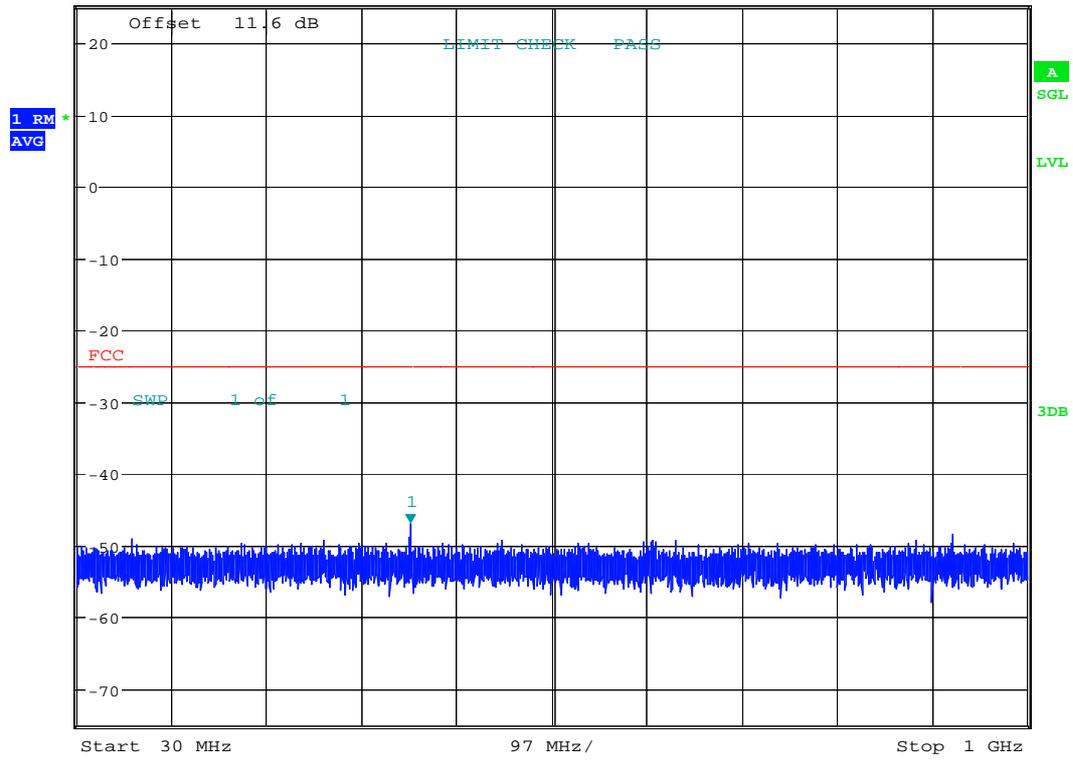


PO

Date: 27.JAN.2010 15:23:47



Ref 25 dBm * Att 35 dB * RBW 100 kHz Marker 1 [T1]
 * VBW 1 MHz -47.03 dBm
 * SWT 1 s 370.955000000 MHz

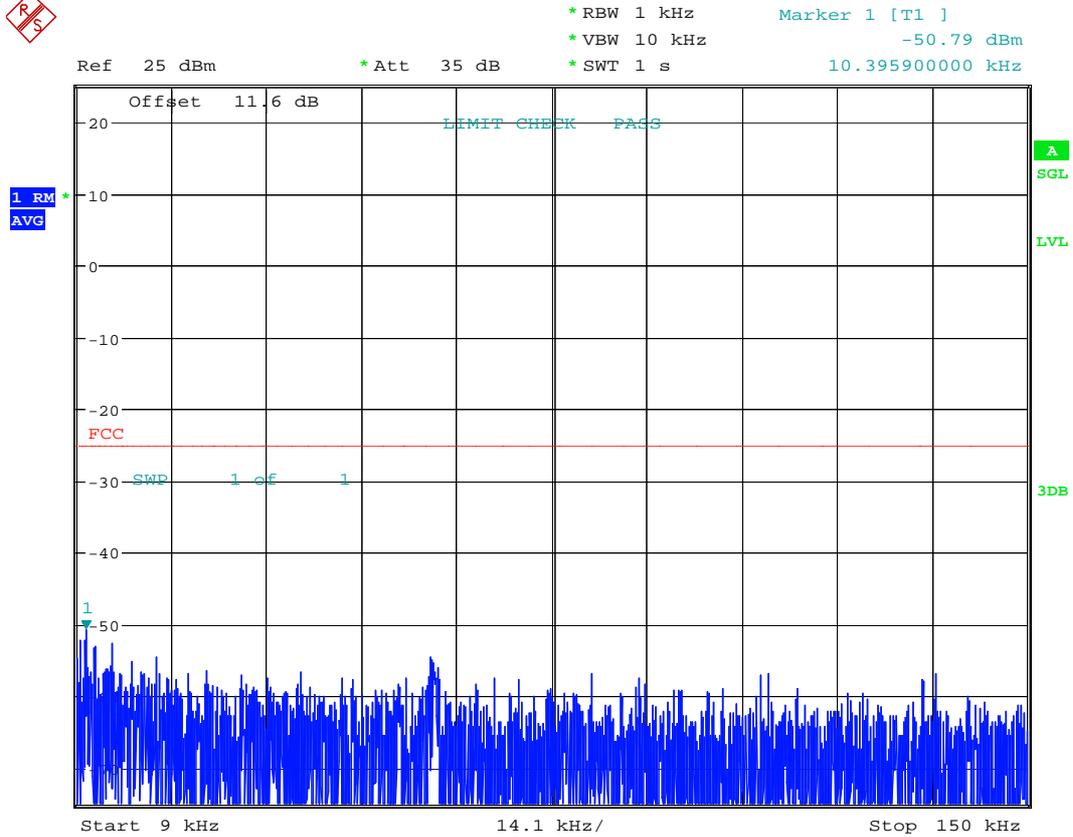


PO

Date: 27.JAN.2010 15:23:52

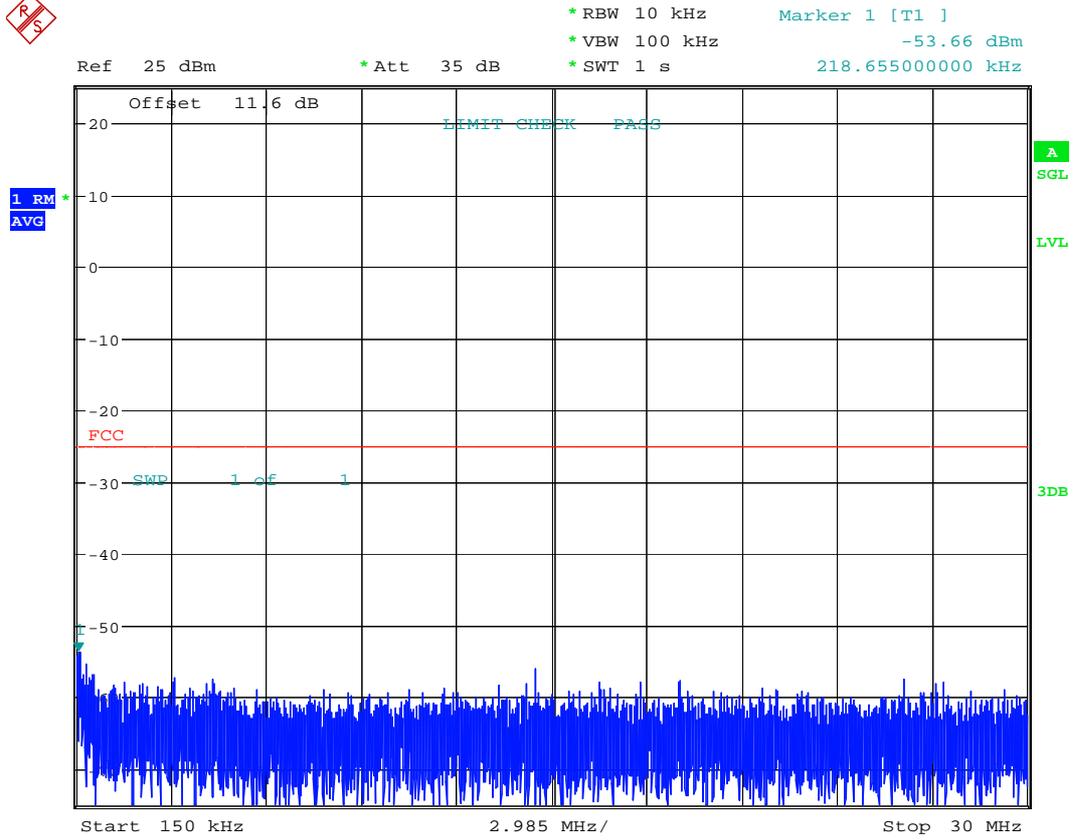
4) TM 4

B



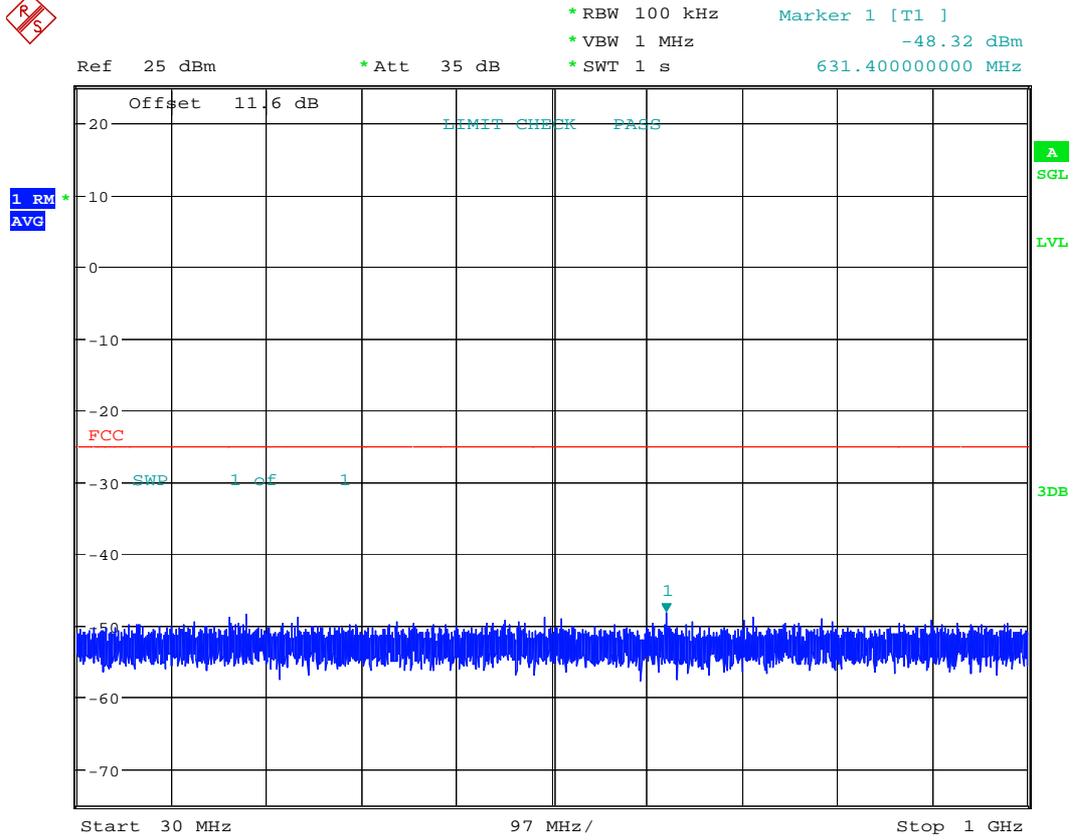
PO

Date: 27.JAN.2010 15:32:09



PO

Date: 27.JAN.2010 15:32:14

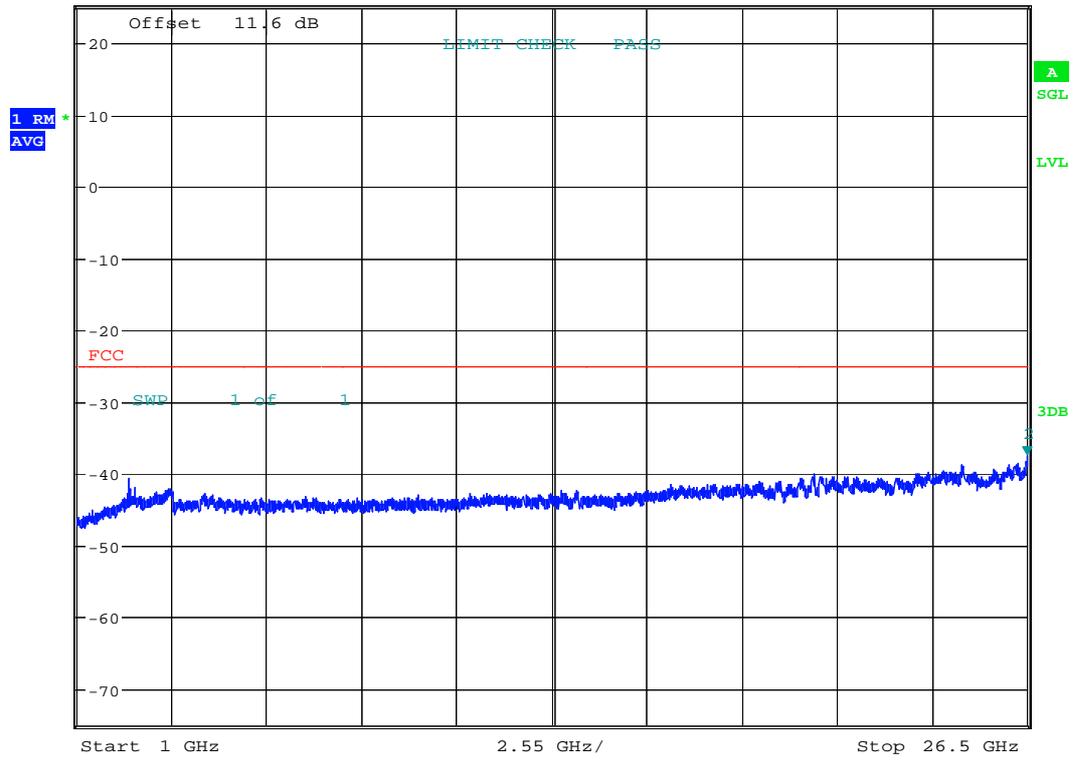


PO

Date: 27.JAN.2010 15:32:18



Ref 25 dBm * Att 35 dB * RBW 1 MHz Marker 2 [T1]
 * VBW 3 MHz -37.45 dBm
 * SWT 1 s 26.487250000 GHz

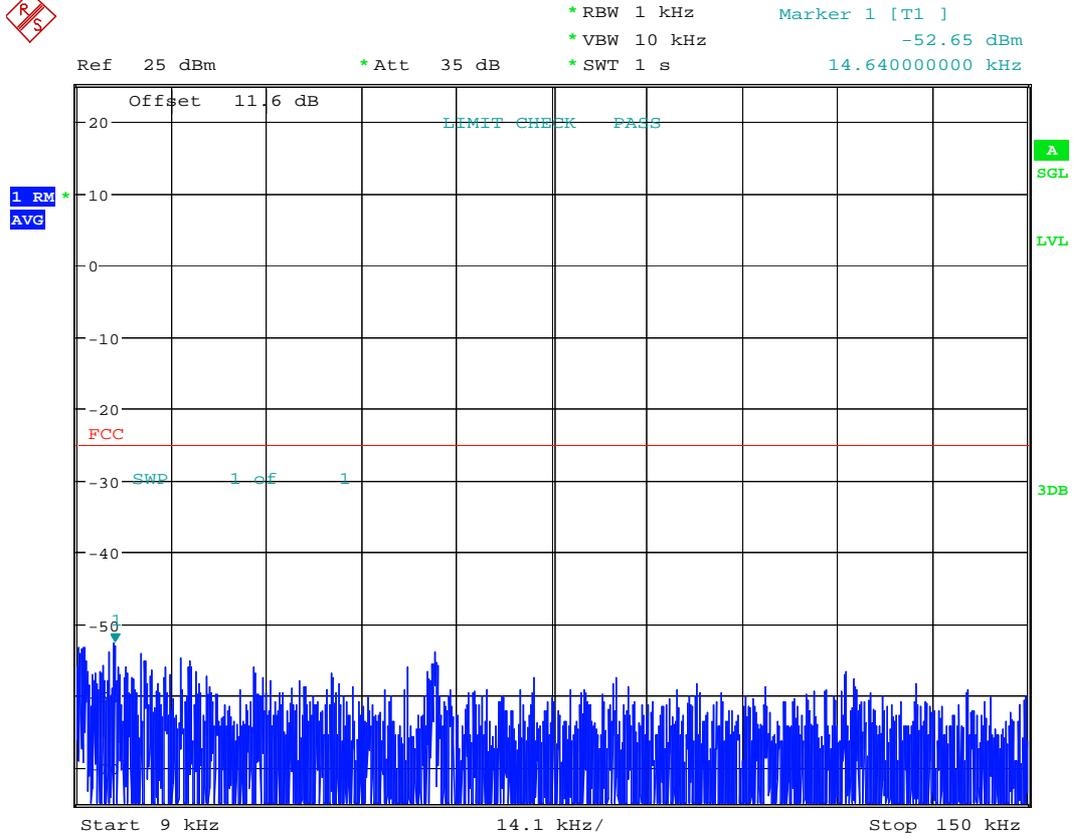


PO

Date: 27.JAN.2010 15:32:24

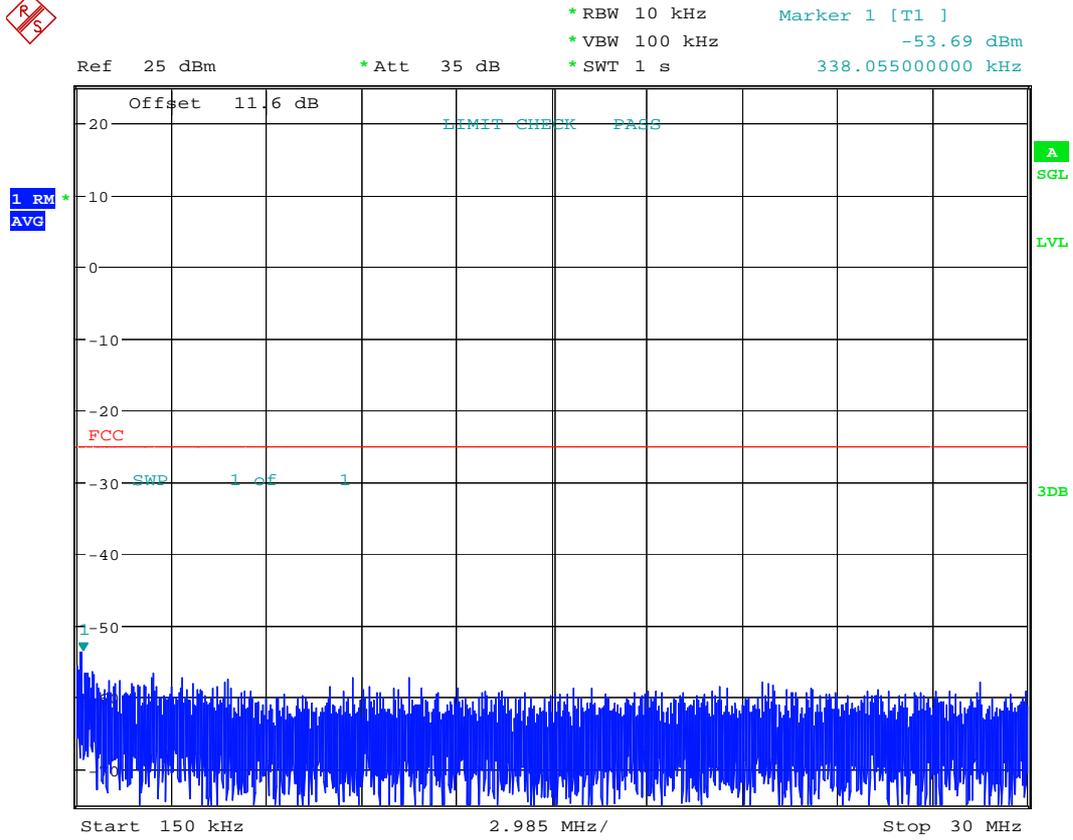


M



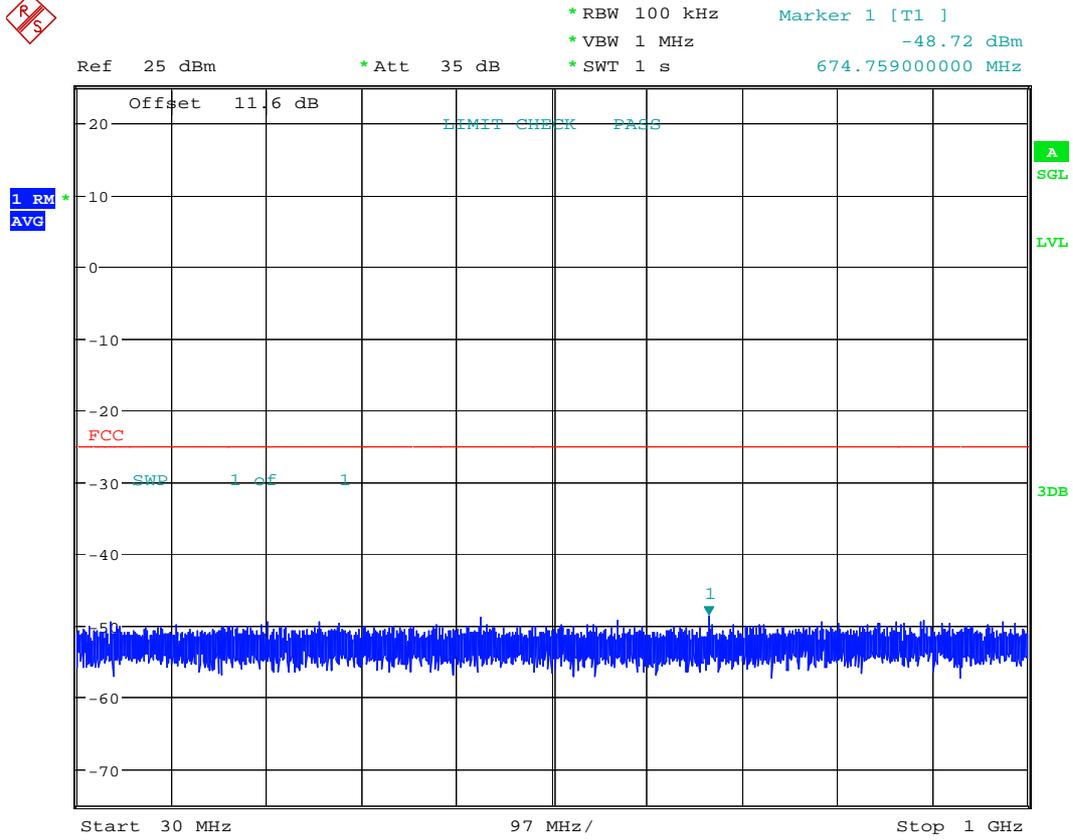
PO

Date: 27.JAN.2010 15:37:02



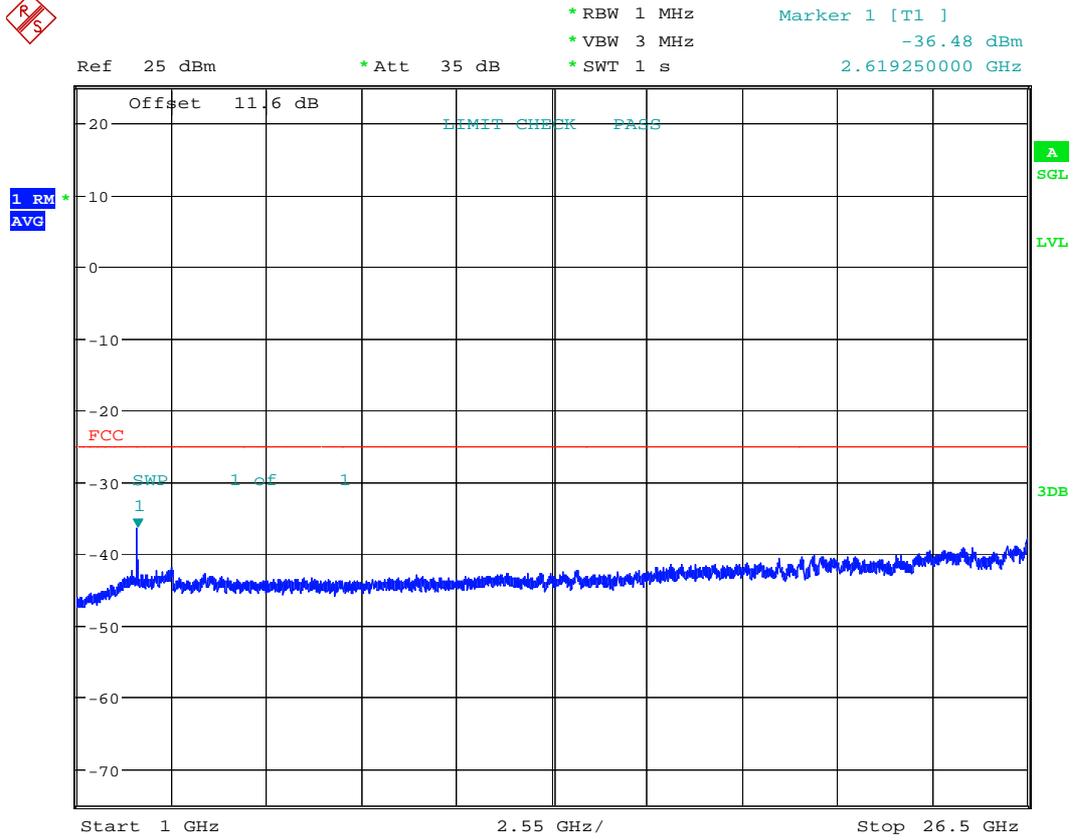
PO

Date: 27.JAN.2010 15:37:07



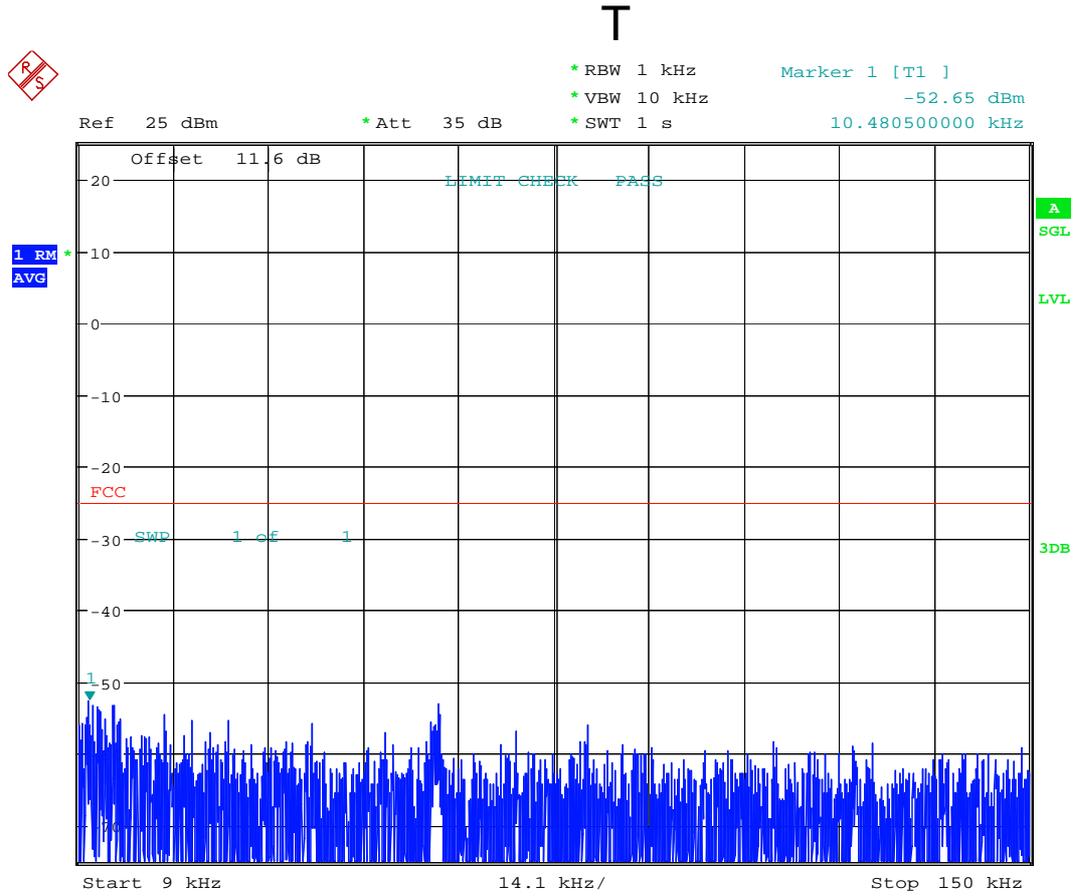
PO

Date: 27.JAN.2010 15:37:11



PO

Date: 27.JAN.2010 15:37:17

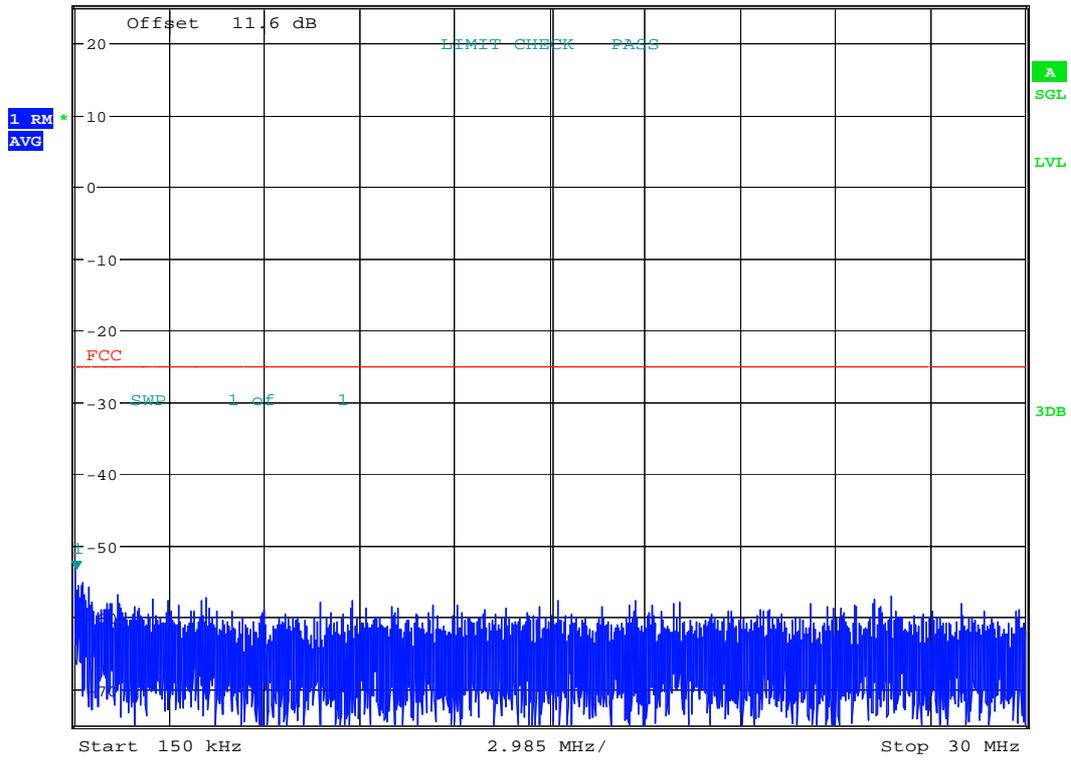


PO

Date: 27.JAN.2010 15:25:11

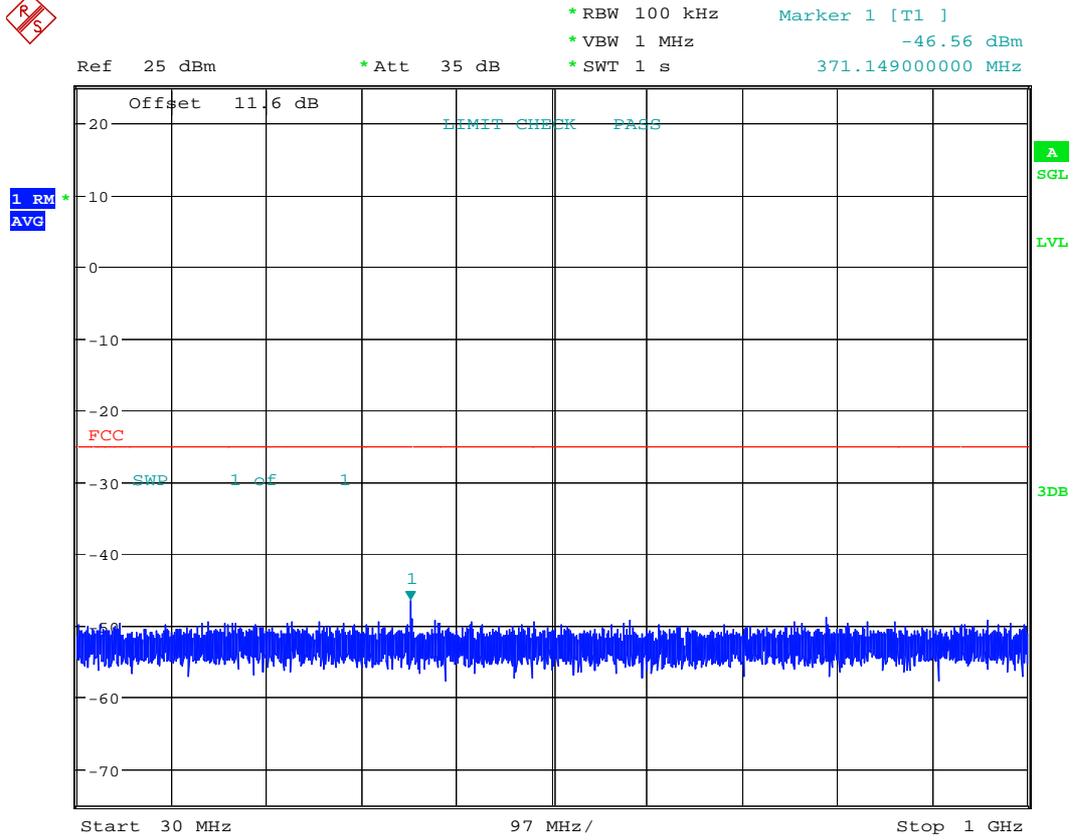


Ref 25 dBm *Att 35 dB *RBW 10 kHz Marker 1 [T1]
 *VBW 100 kHz -53.41 dBm
 *SWT 1 s 179.85000000 kHz



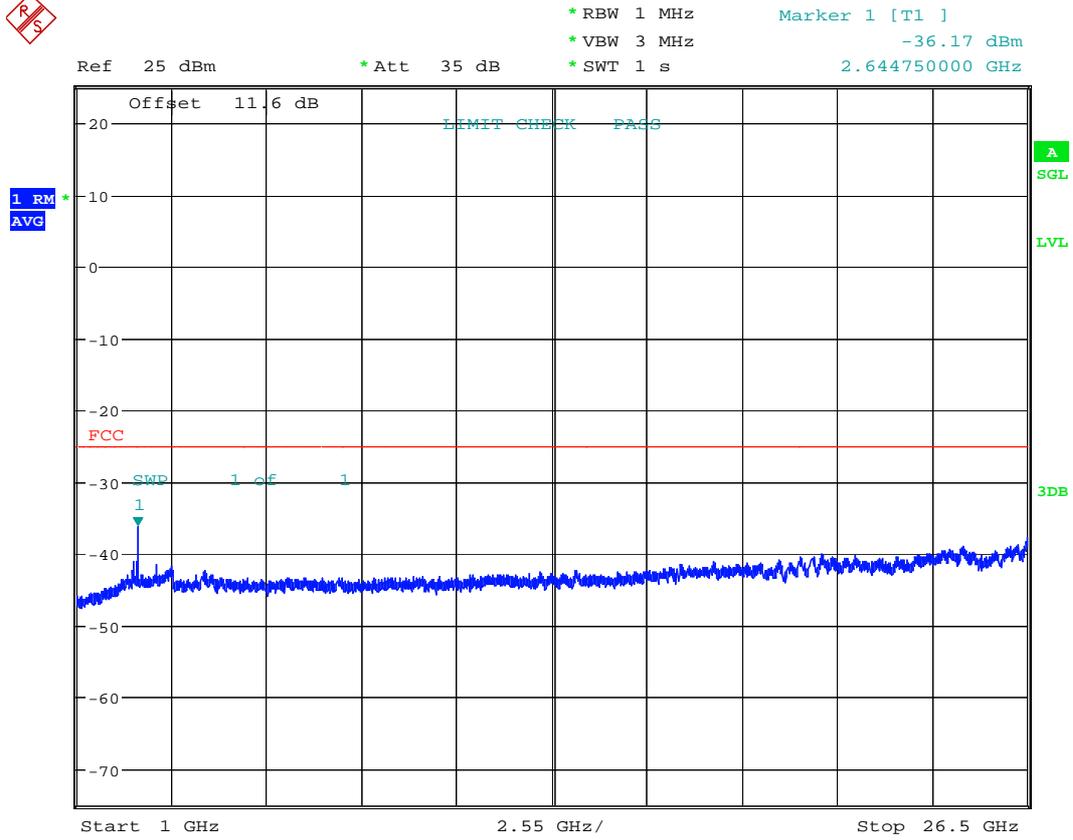
PO

Date: 27.JAN.2010 15:25:16



PO

Date: 27.JAN.2010 15:25:21



PO

Date: 27.JAN.2010 15:25:27



Appendix E

Field Strength of Spurious Radiation Measurement

According to FCC part 2.1053 and part 27.53(m)(4) and part
27.53(m)(6)

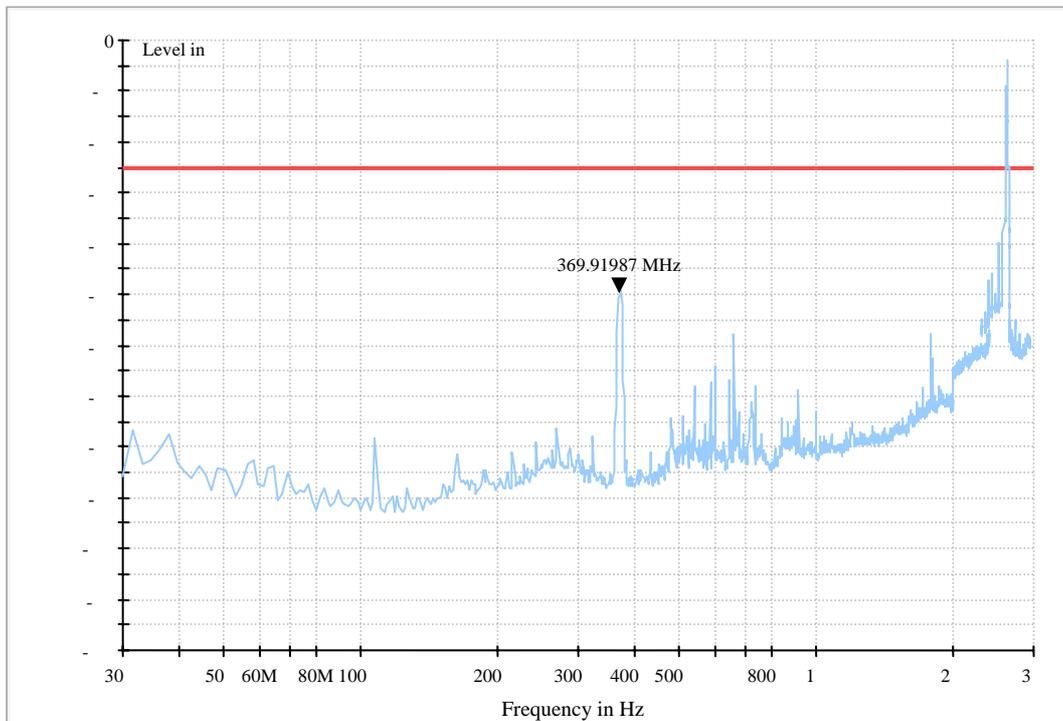
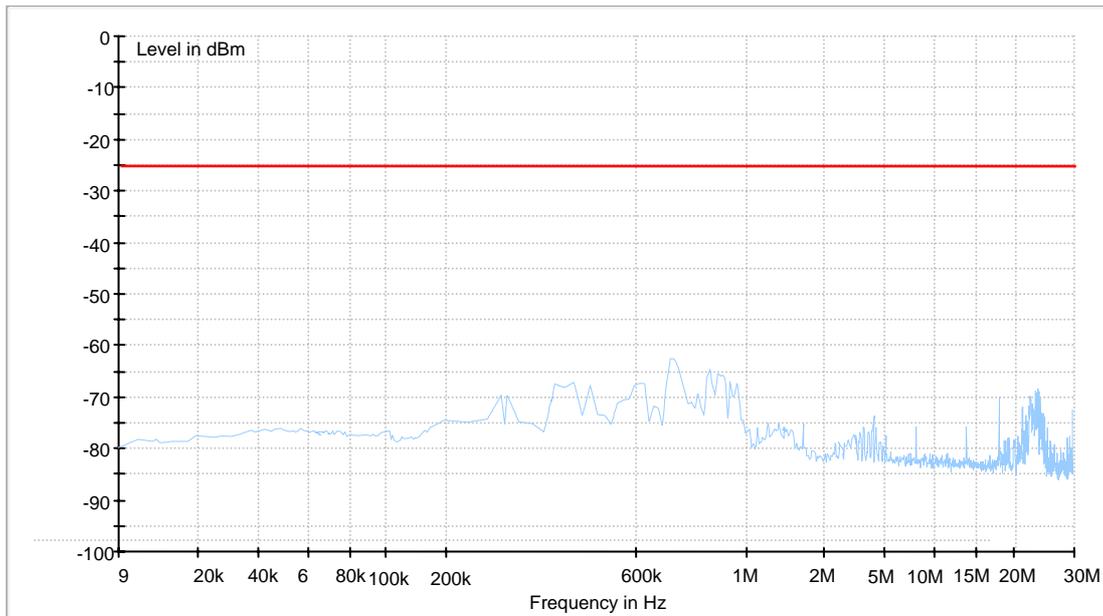
Note 1: In the following plots, the carrier signal is obtained, whose level is higher than the limit, but it doesn't affect the test result.

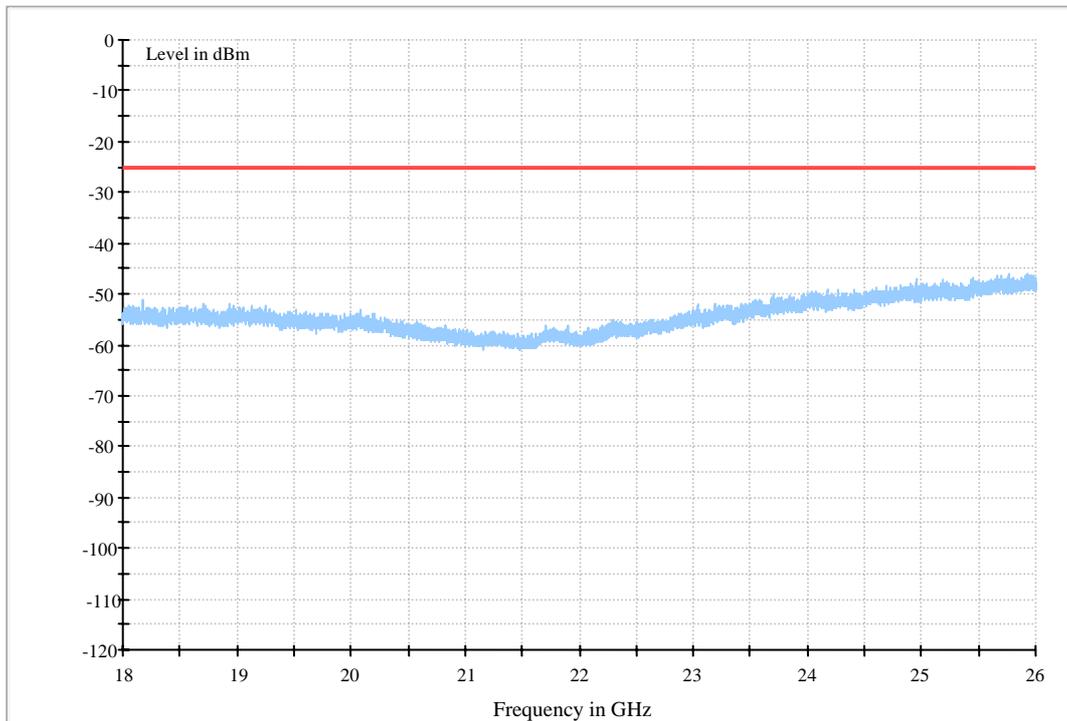
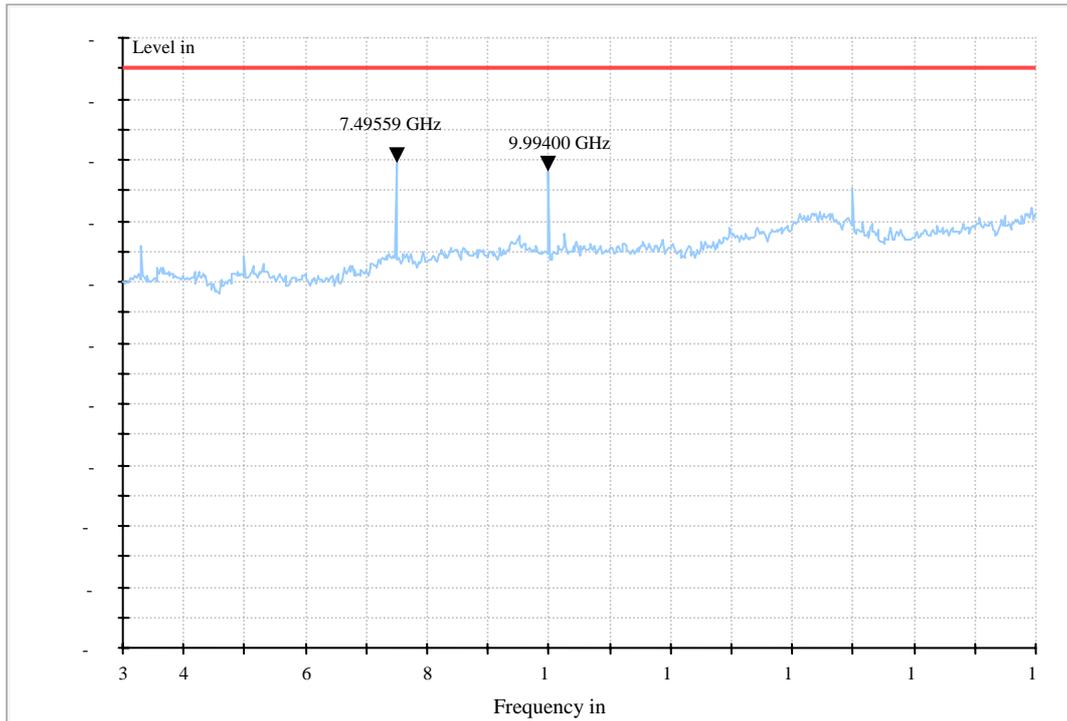
Note 2: The following plots are the combination of horizontal and vertical results for the pre-test and use a maximum hold setting in the test system.

1. Channel Bandwidth = 5 MHz

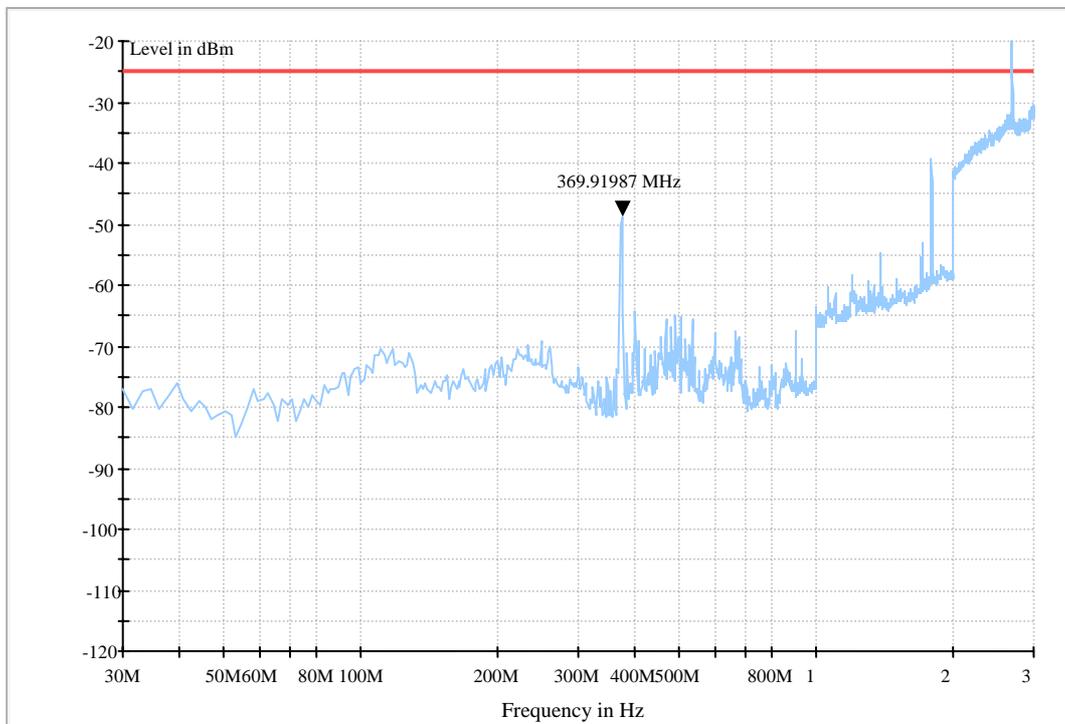
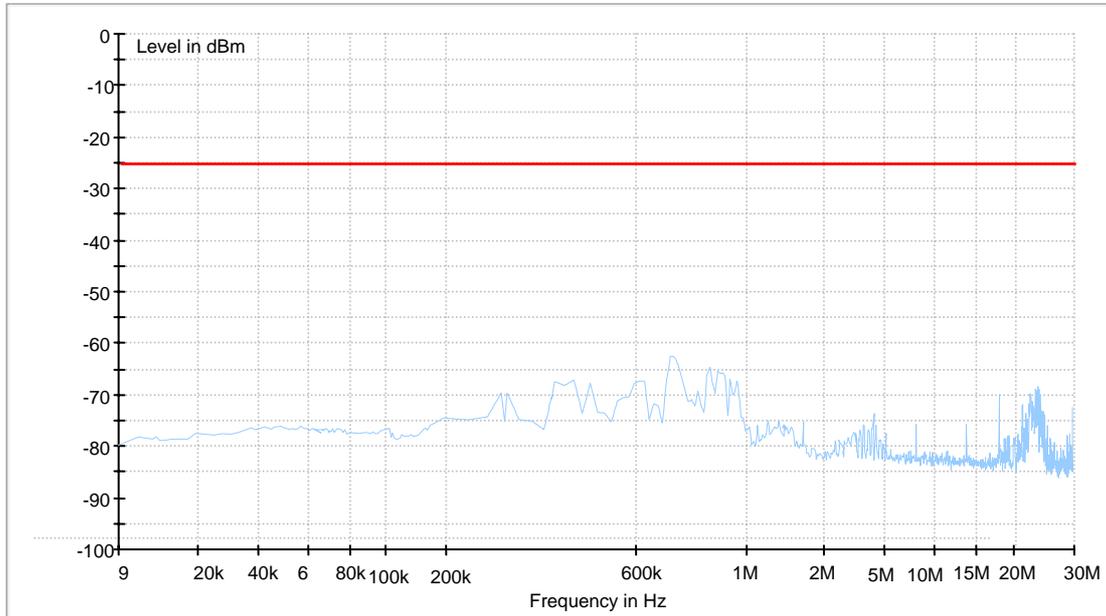
1) TM 1

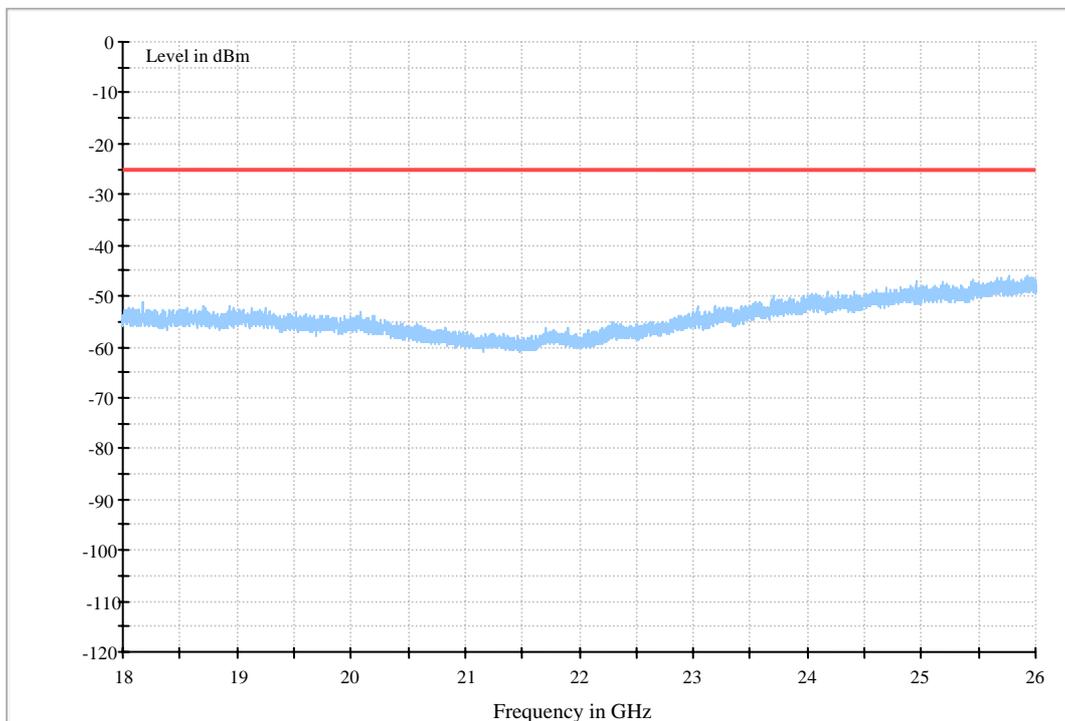
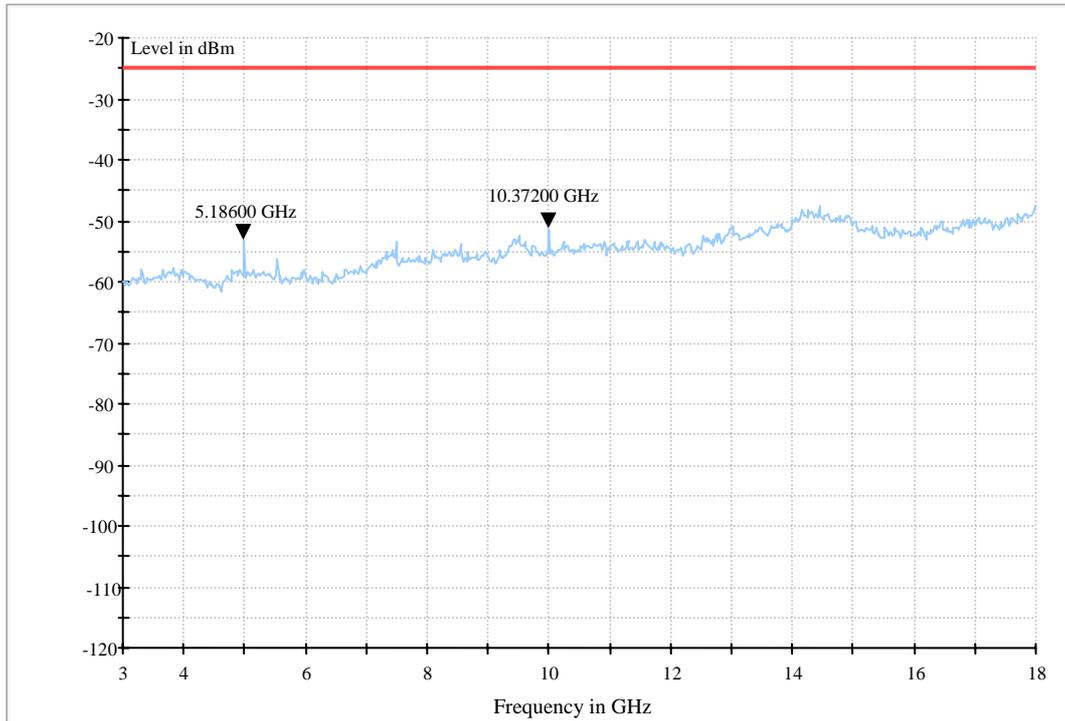
B



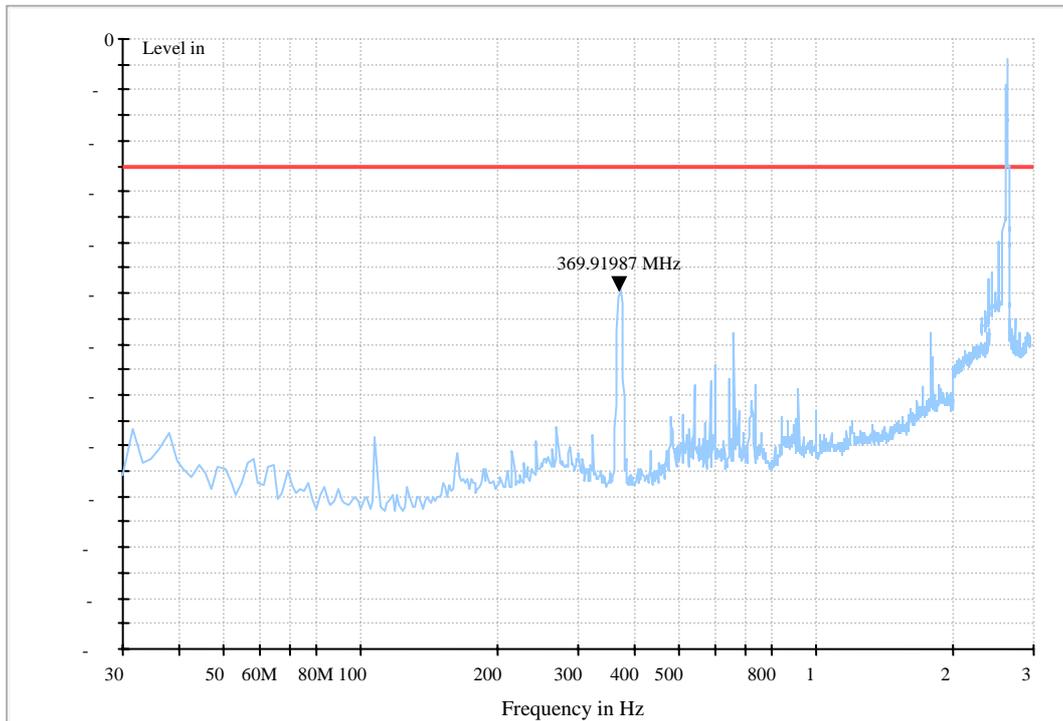
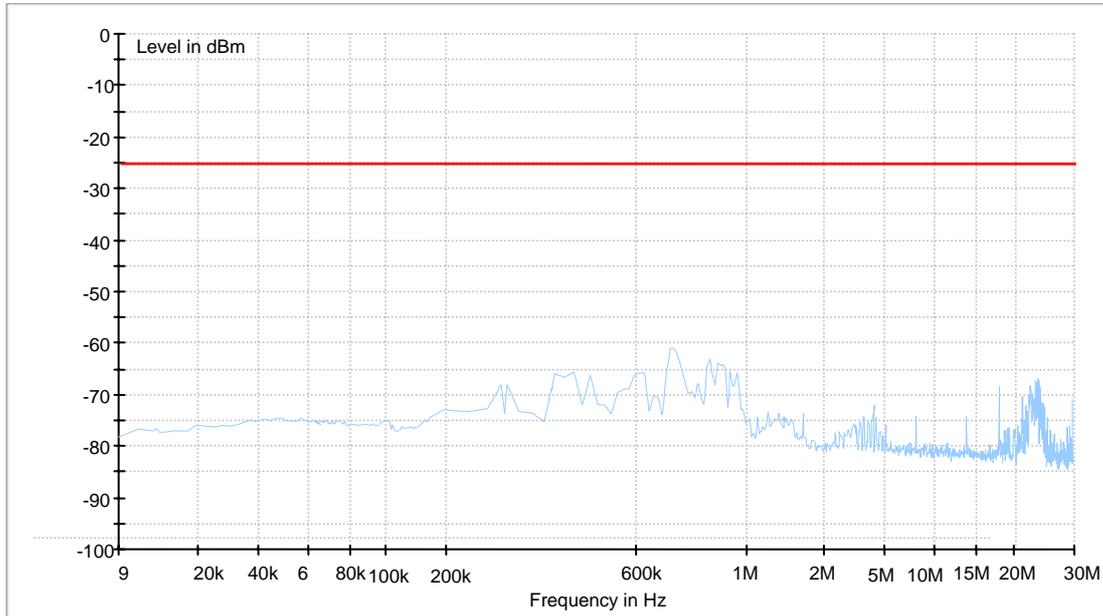


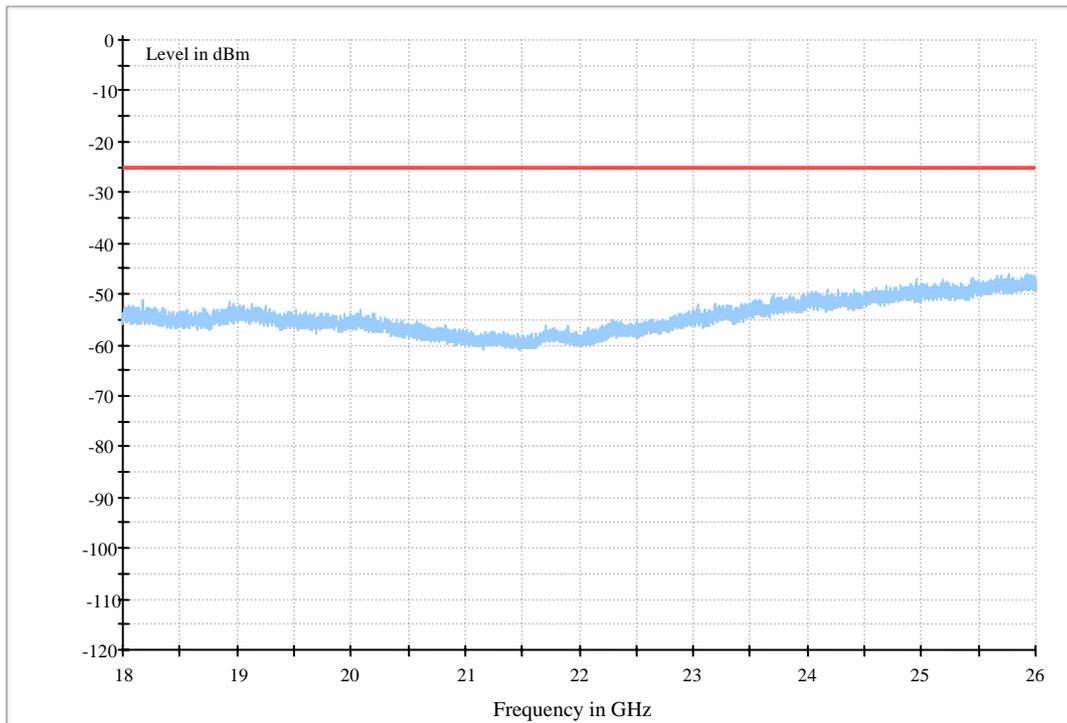
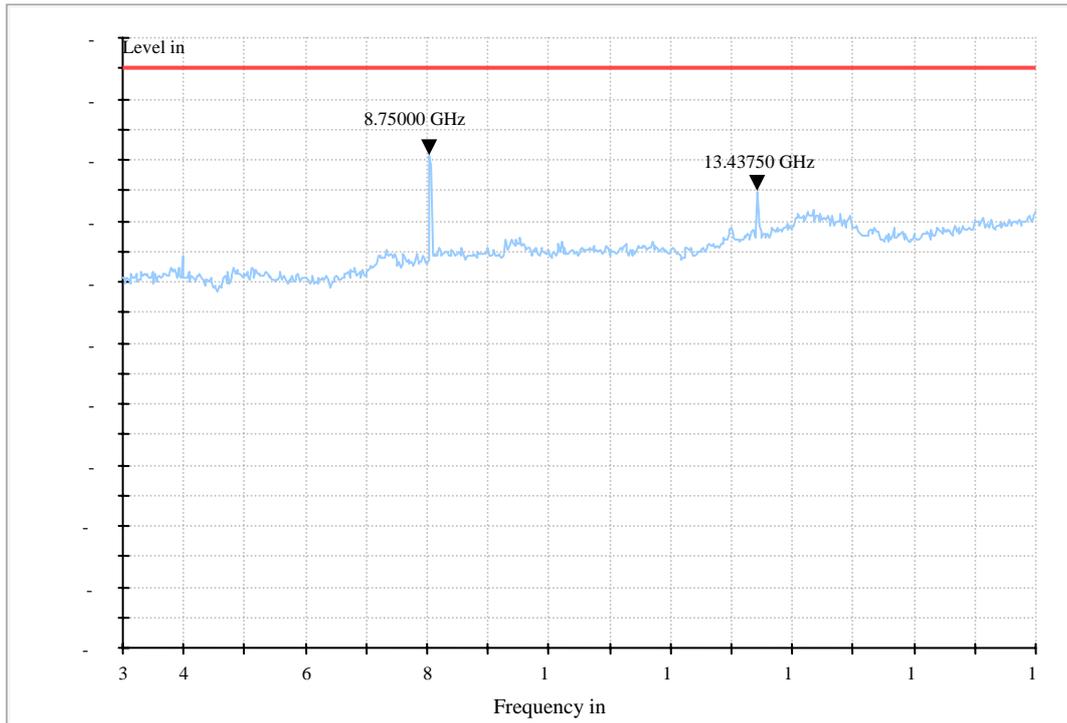
M





T

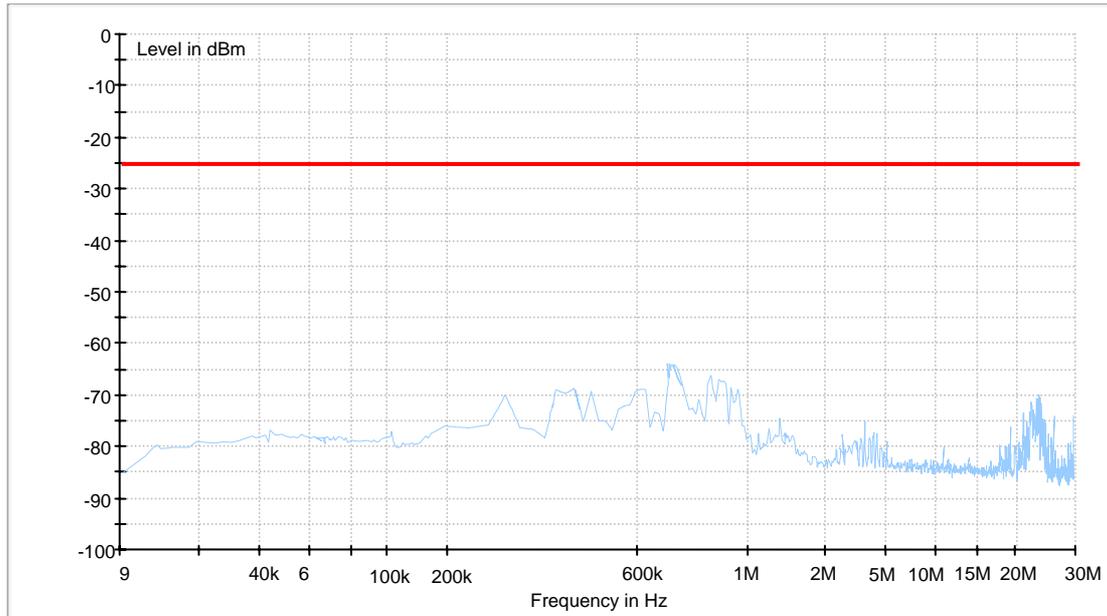


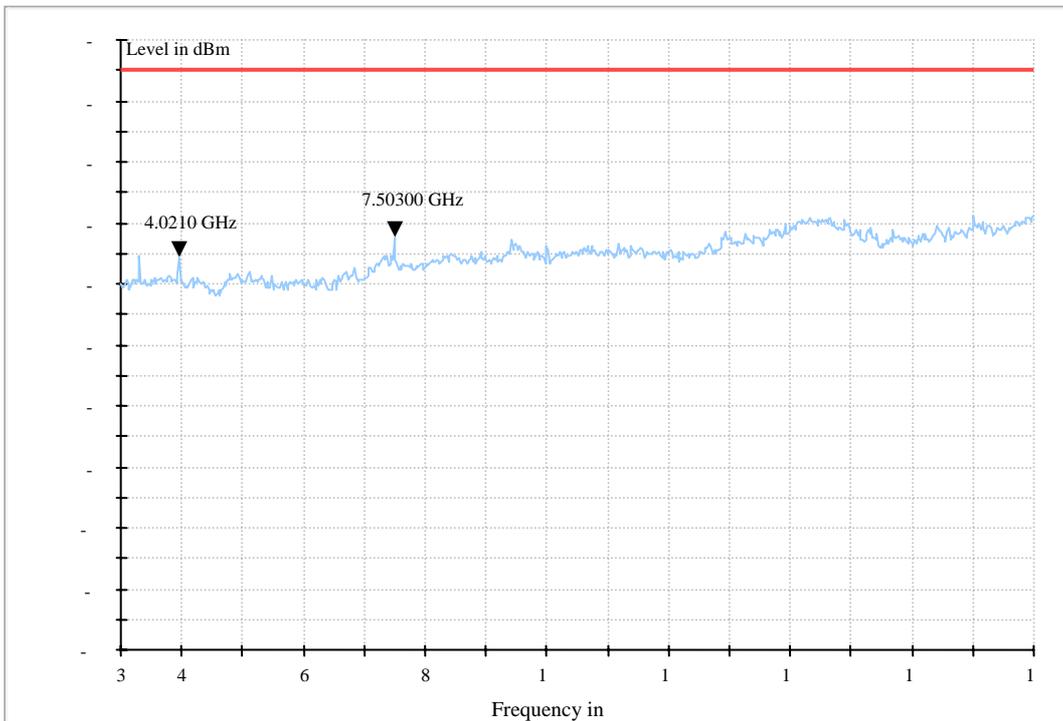
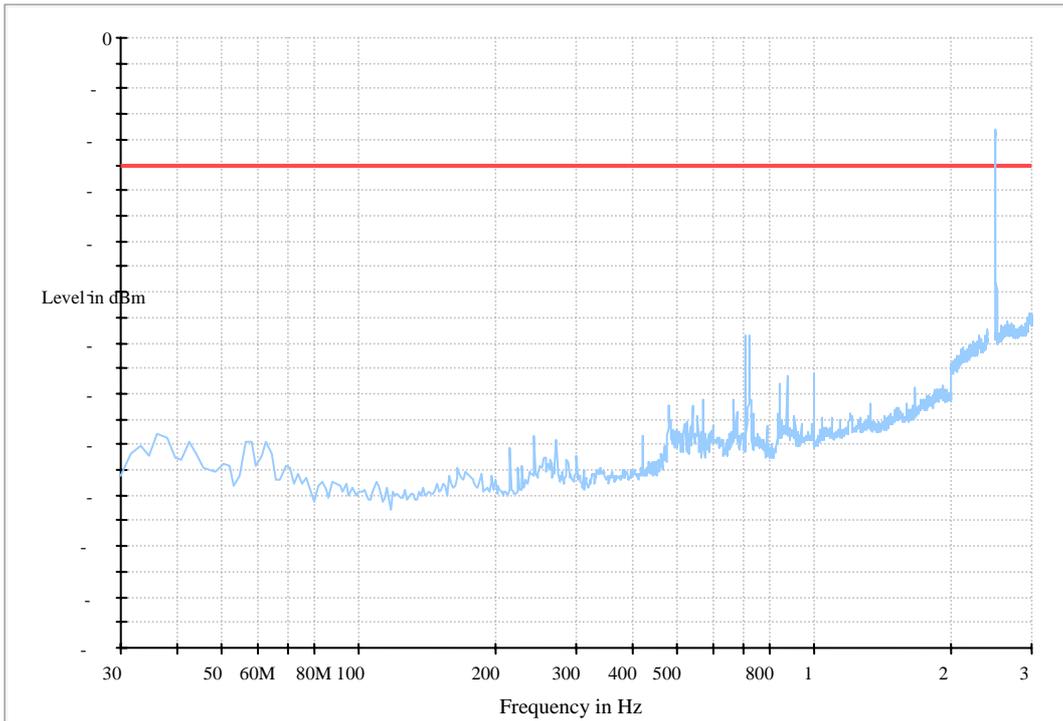


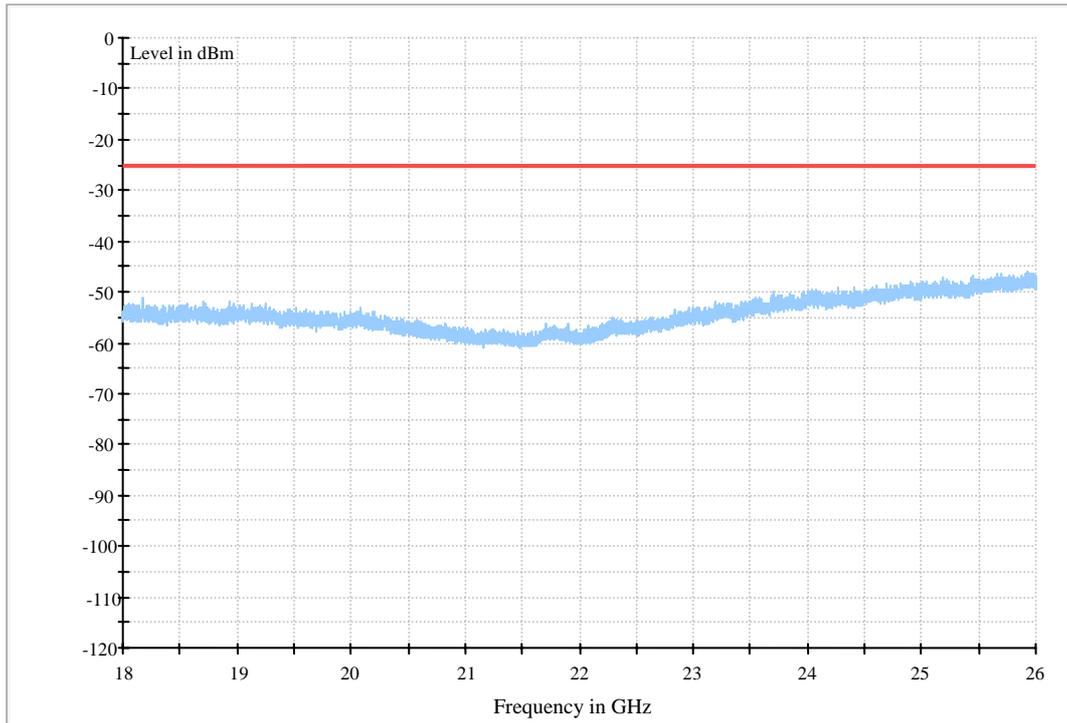
2. Channel Bandwidth = 10 MHz

1) TM 1

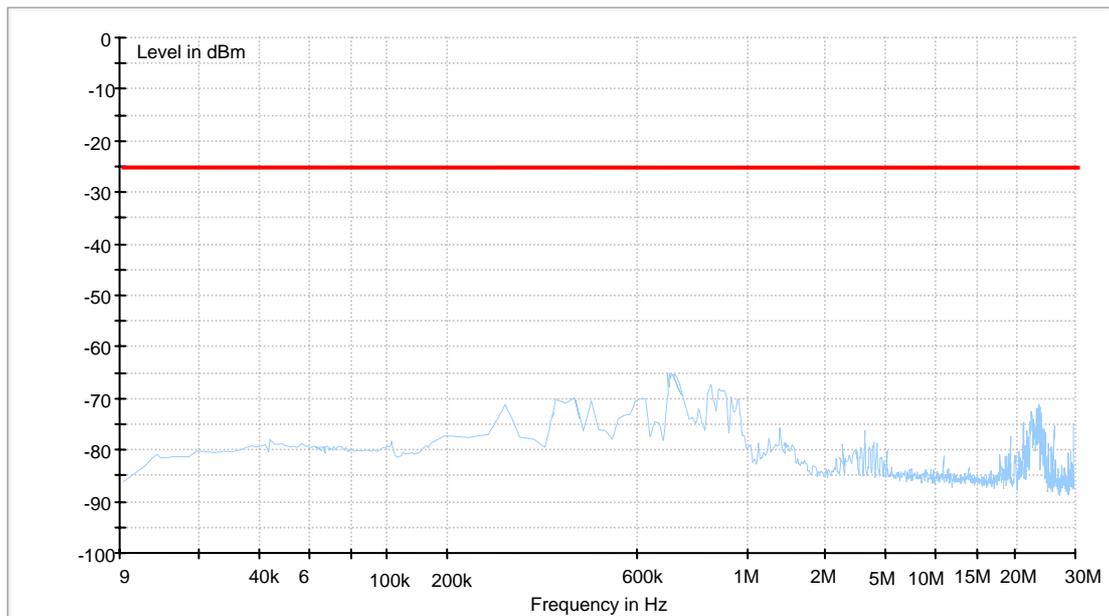
B

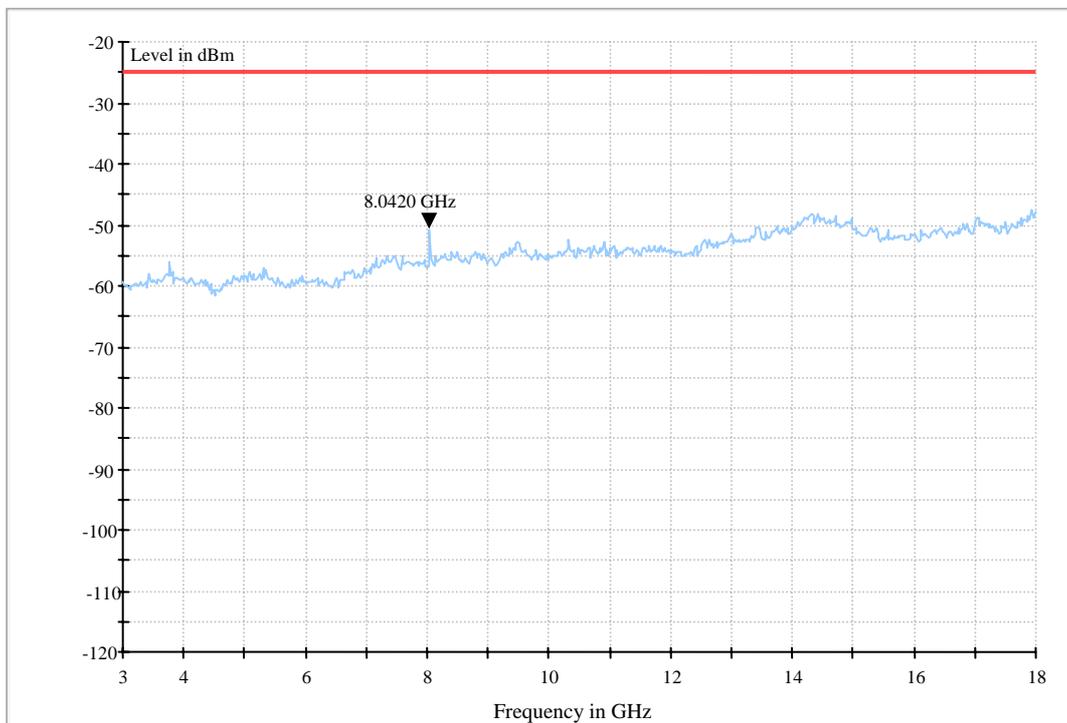
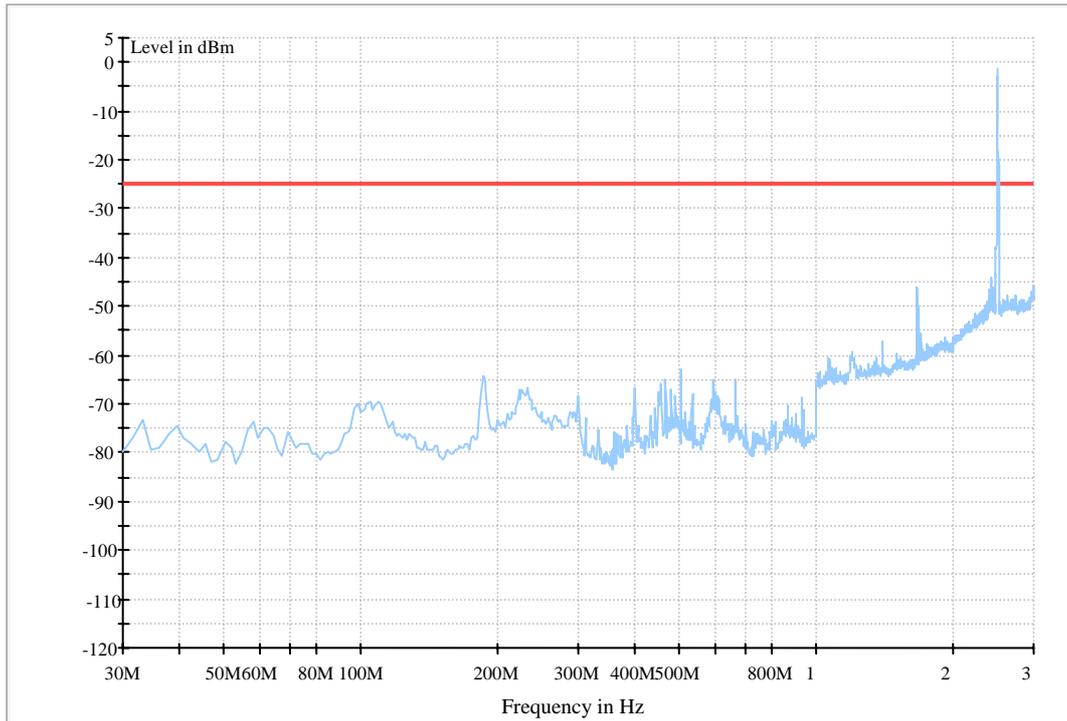


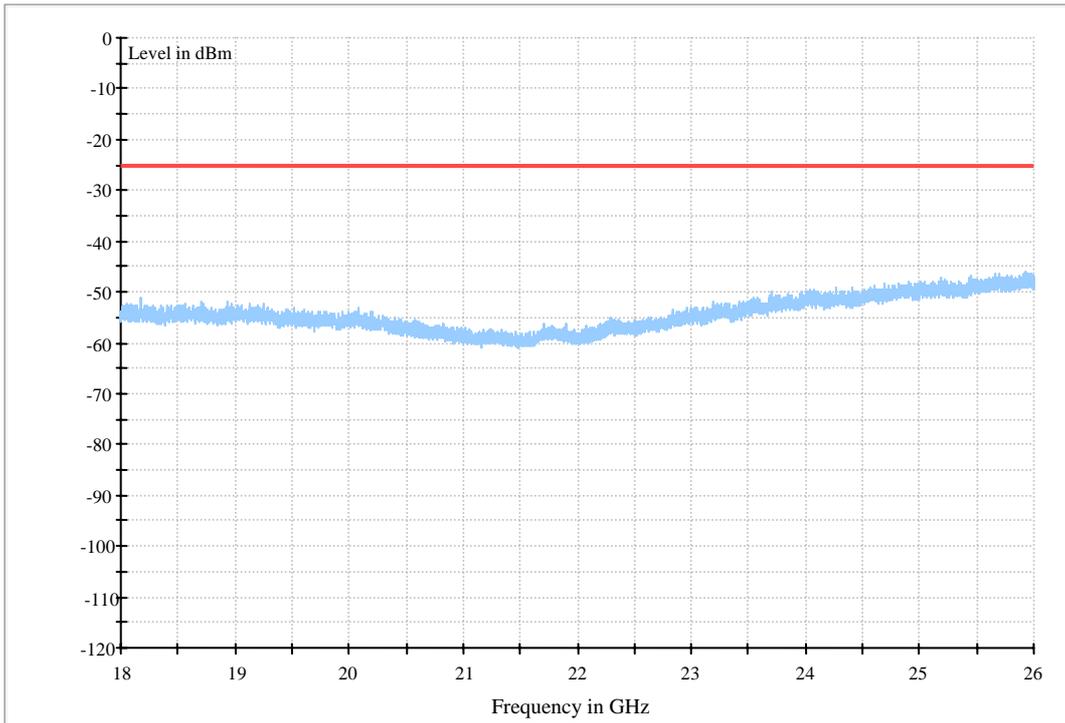




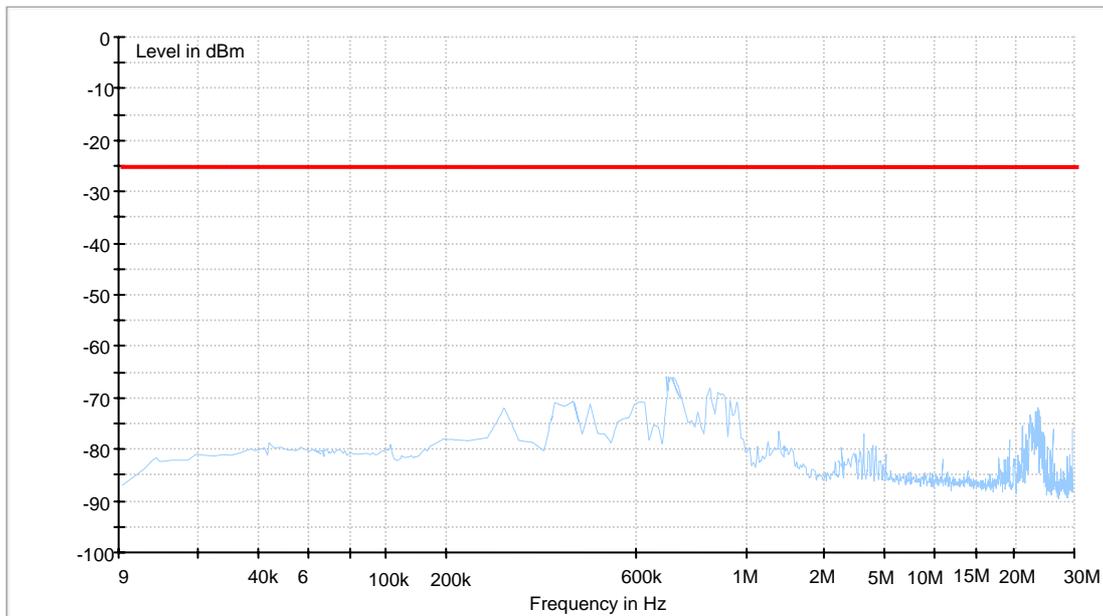
M

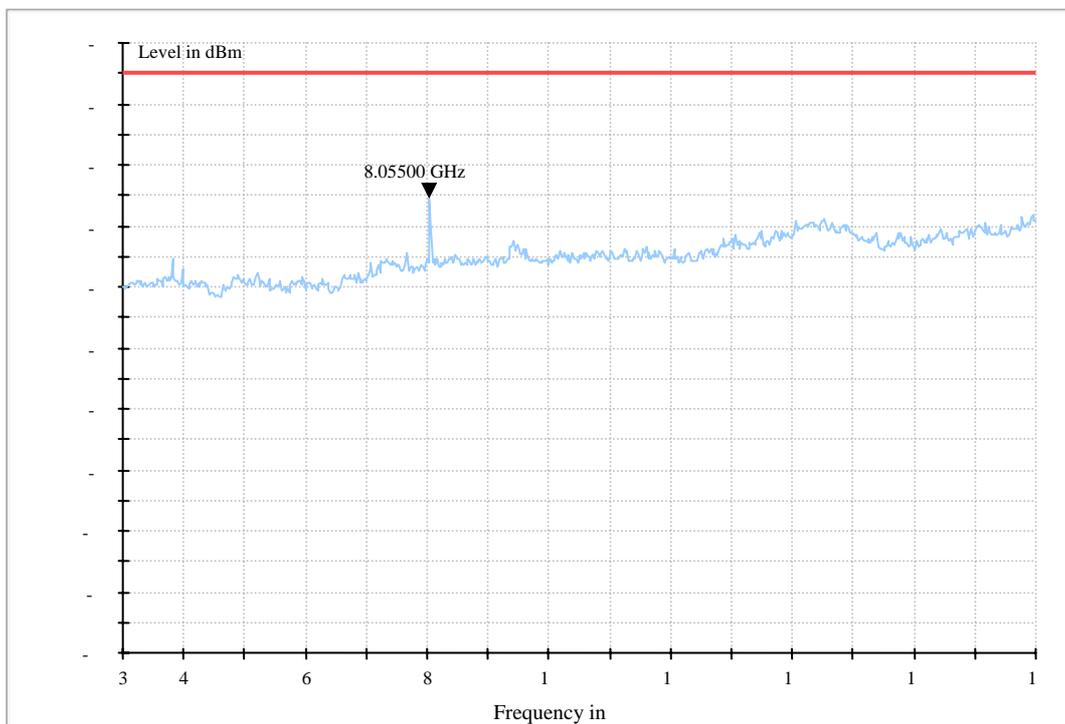
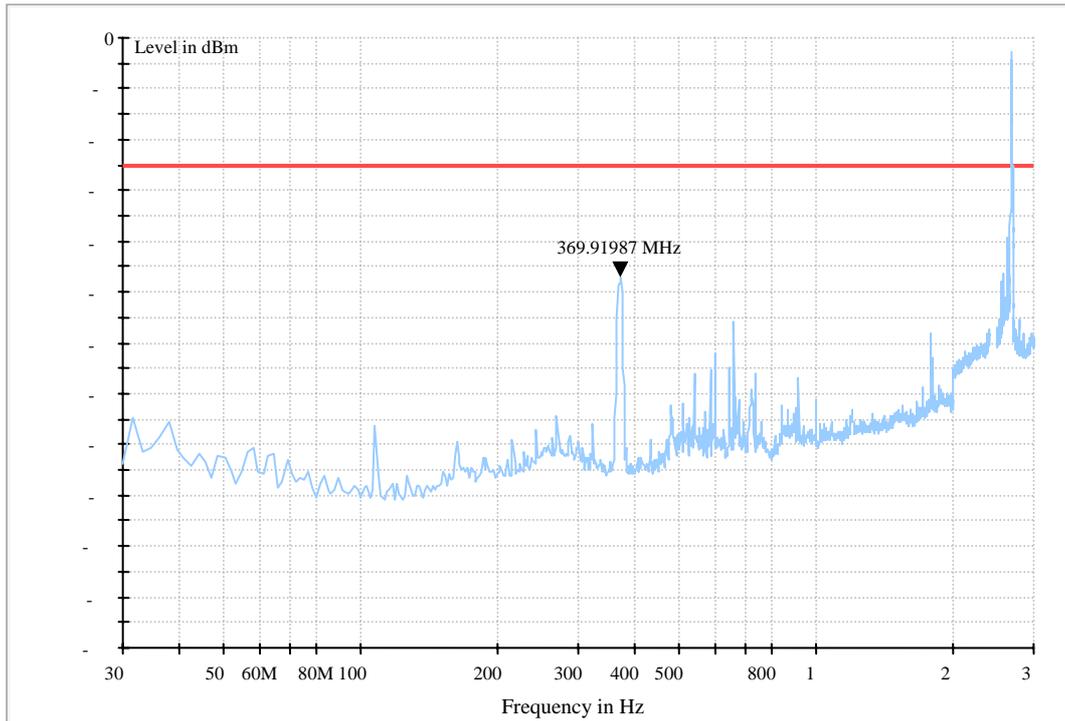


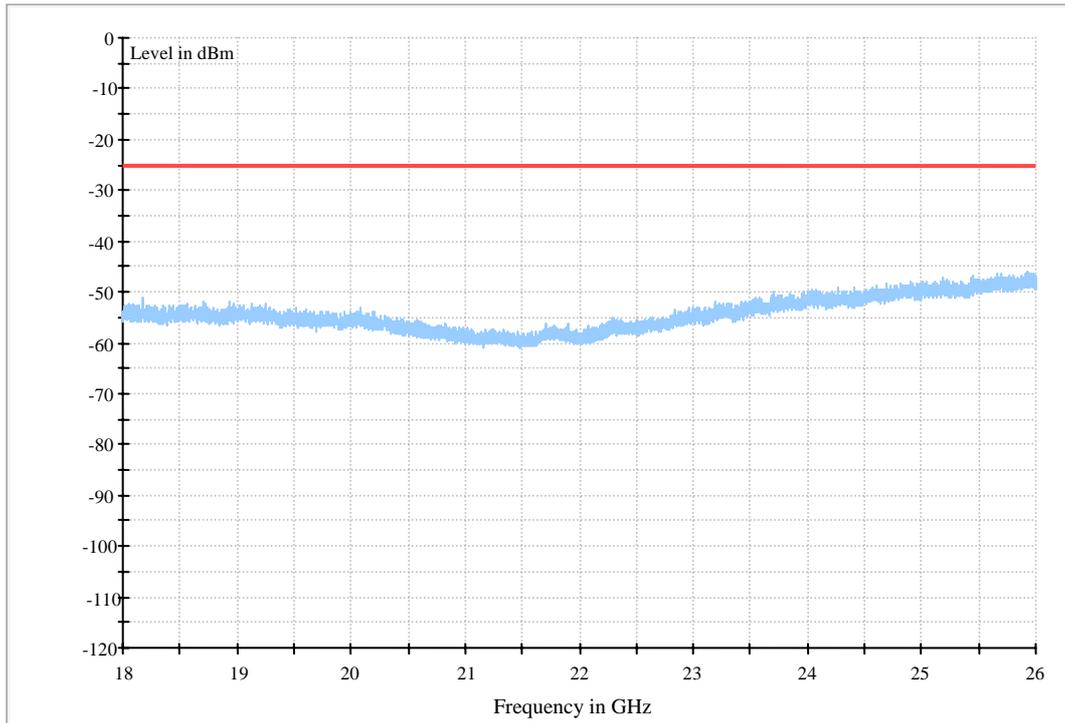




T







End