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# Plot 6.4.21) Out of Band Emissions at Antenna Terminals

GMSK, Low channel, 1850.2 MHz, 1 GHz to 20 GHz

🔆 Agilent 11:24:16	May 29, 2012	Trace
Ref 40 dBm	#Atten 30 dB	<b>Trace</b> 1 2 3
#Peak Log 10 dB/	Ext Ref	Clear Write
0ffst 21.3 dB DI		Max Hold
-13.0 dBm LgAv		Min Hold
and the second sec	warman although althous and and and and and and and all and and all all and and all all and and all all and all	View
€(f): FTun Swp		Blank
Start 1.00 GHz #Res BW 1 MHz	Stop 20.00 GHz #VBW 1 MHz #Sweep 110 ms (601 pts)	More 1 of 2
Copyright 2000-2	008 Agilent Technologies	

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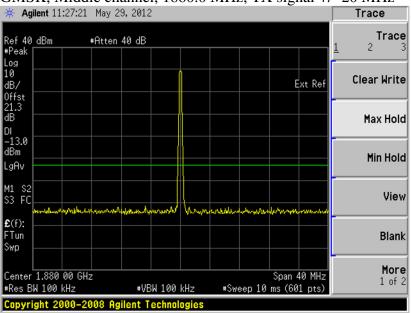
# Plot 6.4.22) Out of Band Emissions at Antenna Terminals

GMSK, Middle channel, 1880.0 MHz, 30 MHz to 1 GHz

🔆 Agilent 11:26	30 May 29,201	2			Trace
Ref 40 dBm •Peak	#Atten 40 dB				<b>Trace</b> <u>1</u> 2 3
.0g .0 IB/				Ext Ref	Clear Write
lffst 1.3 B					 Max Holo
l 13.0 Bm					
gAv					Min Hold
1 S2 3 FC	and the second and the second	appention of a pathon followed	here and the state of the state	naputerherseethersetuljeterst	Viev
(f): Tun wp					Blanl
itart 30.0 MHz				o 1.000 0 GHz	More 1 of 2
Res BW 100 kHz	+۷ ^ 2008 Agilent	BW 100 kHz Cechnologies	#Sweep 120	ms (601 pts)	1011

#### Plot 6.4.23) Out of Band Emissions at Antenna Terminals

GMSK, Middle channel, 1880.0 MHz, TX signal +/- 20 MHz



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### Plot 6.4.24) Out of Band Emissions at Antenna Terminals

GMSK, Middle channel, 1880.0 MHz, 1 GHz to 20 GHz

🔆 Agilent 11:28:	55 May 29, 2012	Trace
Ref 40 dBm #Peak	•Atten 30 dB	<b>Trace</b> <u>1</u> 2 3
Log 10 dB/ Offst	Ext Ref	Clear Write
21.3 dB DI		Max Hold
-13.0 dBm _gAv		Min Hold
41 S2 53 FC	www.warman.	View
E(f): Tun Swp		Blank
Start 1.00 GHz #Res BW 1 MHz	Stop 20.00 GHz #VBW 1 MHz #Sweep 110 ms (601 pts)	More 1 of 2
	*VBW 1 MHz *Sweep 110 ms (601 pts) -2008 Agilent Technologies	

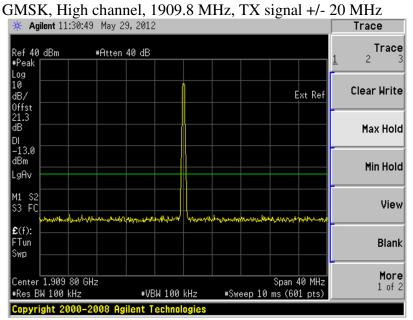
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TCC Fall 22, 247 KSS 152, 155	Q2090	May 50, 2012	r age 44 01 74

### Plot 6.4.25) Out of Band Emissions at Antenna Terminals

GMSK, High channel, 1909.8 MHz, 30 MHz to 1 GHz

🔆 Agilent 11:3	0:04 May 29, 2012	Trace
Ref 40 dBm	#Atten 40 dB	Trace
#Peak Log		<u>1</u> 2 3
10 dB/	Ext Ref	Clear Write
Offst 21.3 dB DI		Max Hold
-13.0 dBm LgAv		Min Hold
41 S2		View
E(f): Tun Swp	after an	Blank
Start 30.0 MHz #Res BW 100 kH	Stop 1.000 0 GHz iz •VBW 100 kHz •Sweep 120 ms (601 pts)	<b>More</b> 1 of 2
	0-2008 Agilent Technologies	

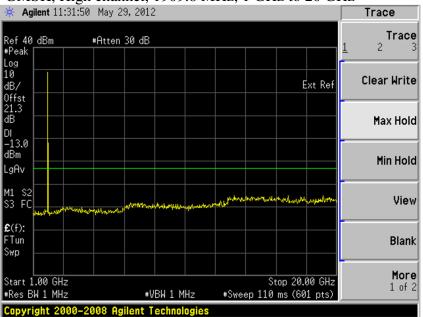
#### Plot 6.4.26) Out of Band Emissions at Antenna Terminals



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### Plot 6.4.27) Out of Band Emissions at Antenna Terminals

GMSK, High channel, 1909.8 MHz, 1 GHz to 20 GHz



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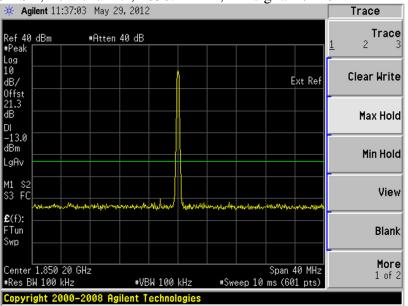
### Plot 6.4.28) Out of Band Emissions at Antenna Terminals

8-PSK, Low channel, 1850.2 MHz, 30 MHz to 1 GHz

🔆 Agilent 11:36:1	l6 May 29, 2012	Trace
Ref 40 dBm	#Atten 40 dB	<b>Trace</b>
#Peak Log		
10 dB/	Ext Re	f Clear Write
Offst 21.3		-
dB DI		Max Hold
-13.0 dBm		-
∟gAv		Min Hold
M1 S2		View
Anna shaliye and a shall a shall a shall a shall be a shi	waran wa	~••
€(f): FTun		Blank
Swp		
Start 30.0 MHz	Stop 1.000 0 GH	Z More
Res BW 100 kHz	#VBW 100 kHz #Sweep 120 ms (601 pts	

#### Plot 6.4.29) Out of Band Emissions at Antenna Terminals

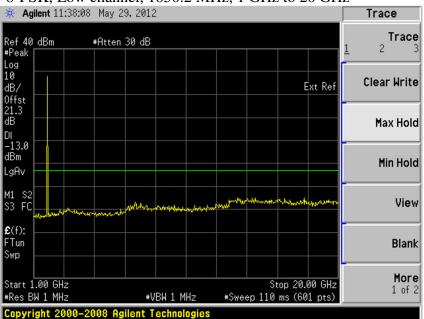
8-PSK, Low channel, 1850.2 MHz, TX signal +/- 20 MHz



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# Plot 6.4.30) Out of Band Emissions at Antenna Terminals

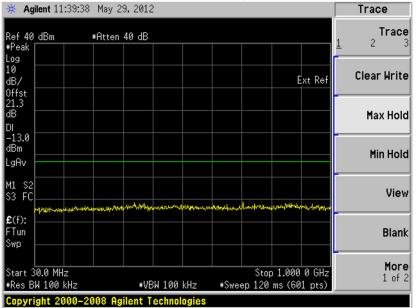
8-PSK, Low channel, 1850.2 MHz, 1 GHz to 20 GHz



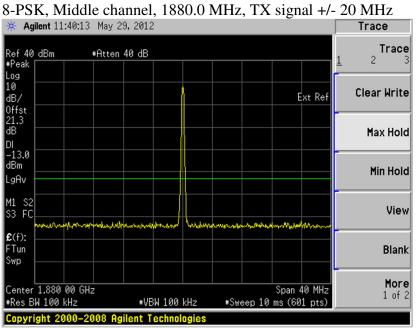
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### Plot 6.4.31) Out of Band Emissions at Antenna Terminals

8-PSK, Middle channel, 1880.0 MHz, 30 MHz to 1 GHz



#### Plot 6.4.32) Out of Band Emissions at Antenna Terminals



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## Plot 6.4.33) Out of Band Emissions at Antenna Terminals

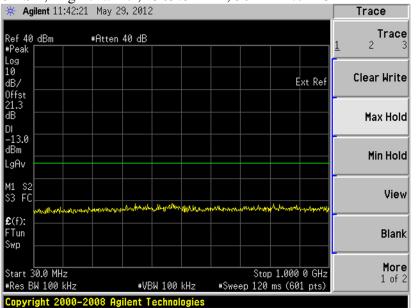
8-PSK, Middle channel, 1880.0 MHz, 1 GHz to 20 GHz

🔆 Agilent 11:41:	27 May 29, 2012	Trace
Ref 40 dBm #Peak	#Atten 30 dB	<b>Trace</b> 1 2 3
.og LØ dB/	Ext Ref	Clear Write
Offst 21.3 JB		Max Hold
-13.0 IBm .gAv		Min Hold
11 S2 53 FC	Non with the man which and the second and the secon	View
C(f):		Blank
Start 1.00 GHz +Res BW 1 MHz	Stop 20.00 GHz #VBW 1 MHz #Sweep 110 ms (601 pts)	More 1 of 2
	-2008 Agilent Technologies	

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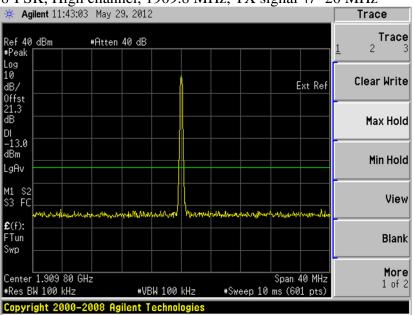
### Plot 6.4.34) Out of Band Emissions at Antenna Terminals

8-PSK, High channel, 1909.8 MHz, 30 MHz to 1 GHz



#### Plot 6.4.35) Out of Band Emissions at Antenna Terminals

8-PSK, High channel, 1909.8 MHz, TX signal +/- 20 MHz



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# Plot 6.4.36) Out of Band Emissions at Antenna Terminals

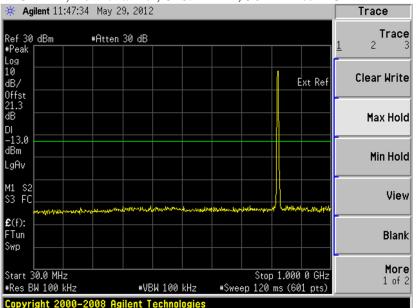
8-PSK, High channel, 1909.8 MHz, 1 GHz to 20 GHz

Agilent 11:44	1:32 May 29, 2012					Trace
Ref 40 dBm +Peak	#Atten 30 dB				1	Trace
.og					r i	
IØ JB/				Ex	t Ref	Clear Write
)ffst /1.3 IB						
dB DI						Max Hold
-13.0 IBm						Min Hold
.gAv						nin holu
11 S2 53 FC	magana	where any provident starts	mpunture		nan der van de	View
C(f):						Blank
Śwp						Didlik
						More
tart 1.00 GHz Res BW 1 MHz	#VB	W 1 MHz	#Sweep 11	Stop 20.00 0 ms (601		1 of 2
	-2008 Agilent Te				_	

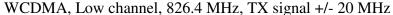
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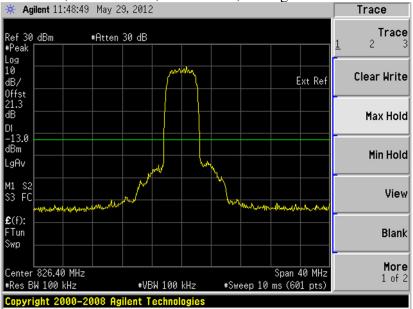
### Plot 6.4.37) Out of Band Emissions at Antenna Terminals

WCDMA, Low channel, 826.4 MHz, 30 MHz to 1 GHz



#### Plot 6.4.38) Out of Band Emissions at Antenna Terminals





The strong emission shown in each case is the carrier signal.