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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 | Trace 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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|--------------------------------|-------|-------------|---------------|

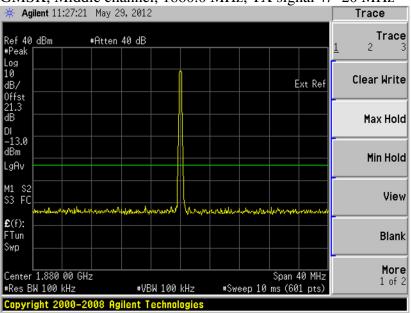
Plot 6.4.22) Out of Band Emissions at Antenna Terminals

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 | | | | Trace <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 | Trace <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 | |

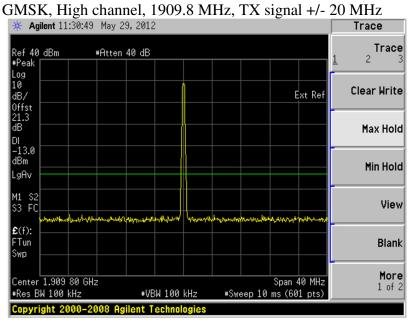
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|--------------------------------|-------|--------------|----------------|
| TCC Fall 22, 247 KSS 152, 155 | Q2090 | May 50, 2012 | r age 44 01 74 |

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) | More 1 of 2 |
| | 0-2008 Agilent Technologies | |

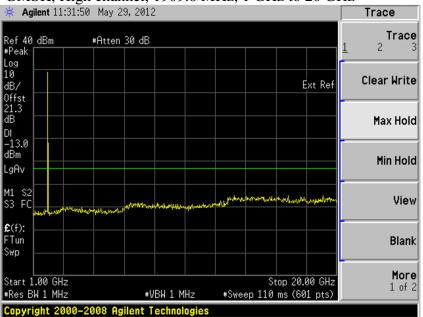
Plot 6.4.26) Out of Band Emissions at Antenna Terminals



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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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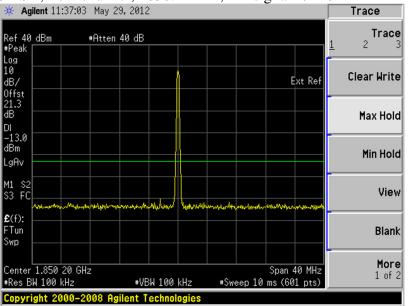
Plot 6.4.28) Out of Band Emissions at Antenna Terminals

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 | Trace |
| #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

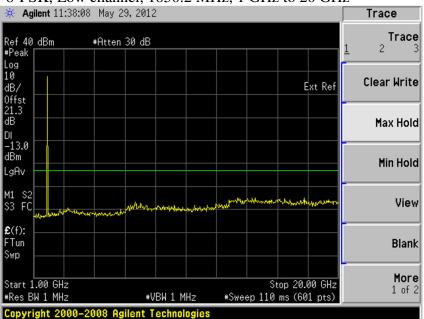
8-PSK, Low channel, 1850.2 MHz, TX signal +/- 20 MHz



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|--------------------------------|-------|-------------|---------------|

Plot 6.4.30) Out of Band Emissions at Antenna Terminals

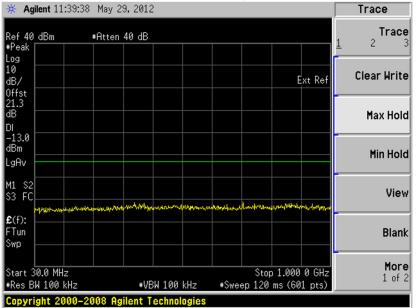
8-PSK, Low channel, 1850.2 MHz, 1 GHz to 20 GHz



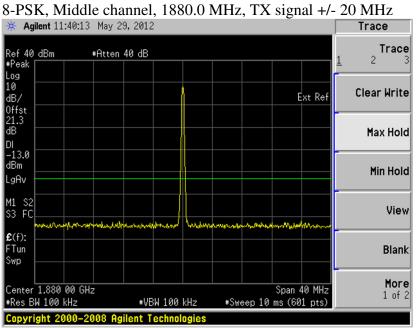
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|--------------------------------------|---------------------------|

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

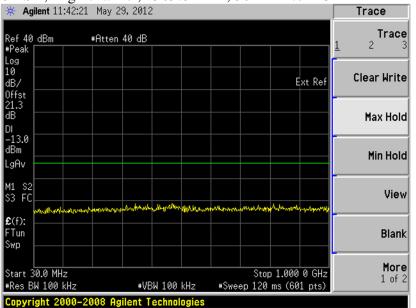
8-PSK, Middle channel, 1880.0 MHz, 1 GHz to 20 GHz

| 🔆 Agilent 11:41: | 27 May 29, 2012 | Trace |
|---------------------------------|--|-----------------------|
| Ref 40 dBm #Peak | #Atten 30 dB | Trace 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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|-------------------------------------|-----------------------------|

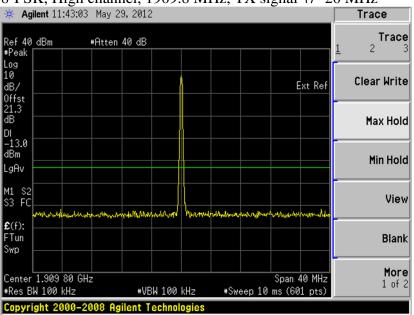
Plot 6.4.34) Out of Band Emissions at Antenna Terminals

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

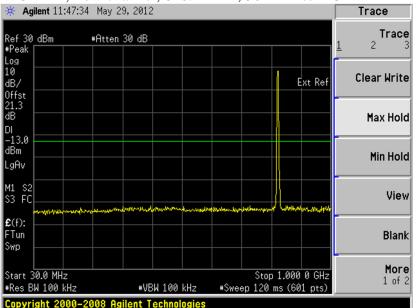
8-PSK, High channel, 1909.8 MHz, 1 GHz to 20 GHz

| 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 | | | | _ | |

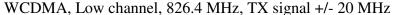
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|--------------------------------|-------|-------------|---------------|

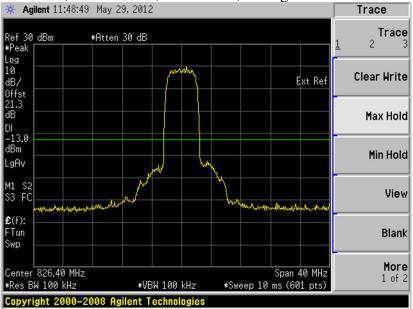
Plot 6.4.37) Out of Band Emissions at Antenna Terminals

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.