



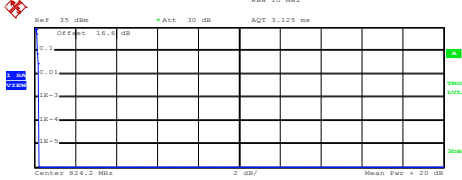
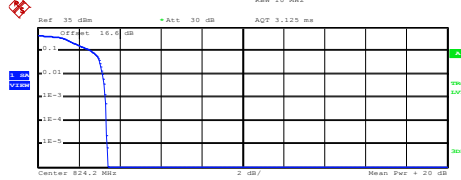
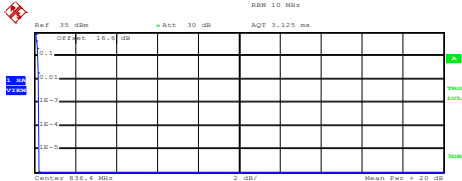
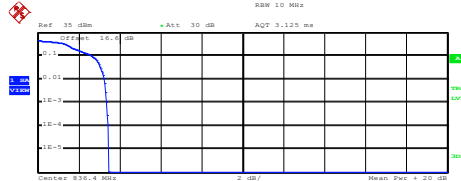
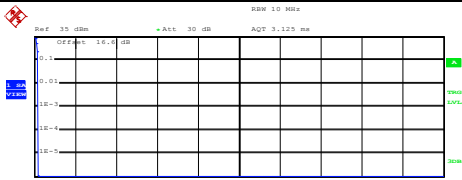
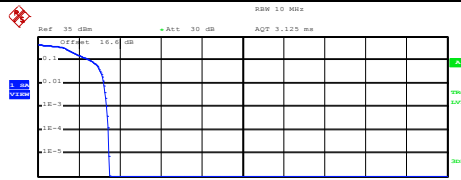
A1. GSM

Peak-to-Average Ratio

| Mode | GSM850 | | Limit: 13dB |
|------------|--------|--------------|-------------|
| Mod. | GSM | EDGE class 8 | Result |
| Lowest CH | 0.24 | 3.32 | PASS |
| Middle CH | 0.24 | 3.36 | |
| Highest CH | 0.20 | 3.36 | |

| Mode | GSM1900 | | Limit: 13dB |
|------------|--------------|--------------|-------------|
| Mod. | GPRS class 8 | EDGE class 8 | Result |
| Lowest CH | 0.24 | 3.52 | PASS |
| Middle CH | 0.20 | 3.44 | |
| Highest CH | 0.20 | 3.40 | |



| GSM850 (GSM) | GSM850 (EDGE class 8) | | | | | | | | | | | | | | | | |
|---|-----------------------|---------|-----|---------|------|---------|-------|---------|--|------|---------|-----|---------|------|---------|-------|---------|
| <p align="center">Lowest Channel</p>  <p>Center 824.2 MHz 2 dB/ Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 33.26 dBm Peak 33.49 dBm Crest 0.23 dB</p> <table border="1"> <tr><td>10 %</td><td>0.16 dB</td></tr> <tr><td>1 %</td><td>0.24 dB</td></tr> <tr><td>.1 %</td><td>0.24 dB</td></tr> <tr><td>.01 %</td><td>0.24 dB</td></tr> </table> <p>Date: 3.NOV.2015 11:04:20</p> | 10 % | 0.16 dB | 1 % | 0.24 dB | .1 % | 0.24 dB | .01 % | 0.24 dB | <p align="center">Lowest Channel</p>  <p>Center 824.2 MHz 2 dB/ Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 27.32 dBm Peak 30.73 dBm Crest 3.41 dB</p> <table border="1"> <tr><td>10 %</td><td>2.60 dB</td></tr> <tr><td>1 %</td><td>3.16 dB</td></tr> <tr><td>.1 %</td><td>3.32 dB</td></tr> <tr><td>.01 %</td><td>3.36 dB</td></tr> </table> <p>Date: 3.NOV.2015 11:21:39</p> | 10 % | 2.60 dB | 1 % | 3.16 dB | .1 % | 3.32 dB | .01 % | 3.36 dB |
| 10 % | 0.16 dB | | | | | | | | | | | | | | | | |
| 1 % | 0.24 dB | | | | | | | | | | | | | | | | |
| .1 % | 0.24 dB | | | | | | | | | | | | | | | | |
| .01 % | 0.24 dB | | | | | | | | | | | | | | | | |
| 10 % | 2.60 dB | | | | | | | | | | | | | | | | |
| 1 % | 3.16 dB | | | | | | | | | | | | | | | | |
| .1 % | 3.32 dB | | | | | | | | | | | | | | | | |
| .01 % | 3.36 dB | | | | | | | | | | | | | | | | |
| <p align="center">Middle Channel</p>  <p>Center 836.4 MHz 2 dB/ Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 33.35 dBm Peak 33.56 dBm Crest 0.20 dB</p> <table border="1"> <tr><td>10 %</td><td>0.20 dB</td></tr> <tr><td>1 %</td><td>0.24 dB</td></tr> <tr><td>.1 %</td><td>0.24 dB</td></tr> <tr><td>.01 %</td><td>0.24 dB</td></tr> </table> <p>Date: 3.NOV.2015 11:04:42</p> | 10 % | 0.20 dB | 1 % | 0.24 dB | .1 % | 0.24 dB | .01 % | 0.24 dB | <p align="center">Middle Channel</p>  <p>Center 836.4 MHz 2 dB/ Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 26.77 dBm Peak 30.24 dBm Crest 3.47 dB</p> <table border="1"> <tr><td>10 %</td><td>2.64 dB</td></tr> <tr><td>1 %</td><td>3.24 dB</td></tr> <tr><td>.1 %</td><td>3.36 dB</td></tr> <tr><td>.01 %</td><td>3.44 dB</td></tr> </table> <p>Date: 3.NOV.2015 11:22:00</p> | 10 % | 2.64 dB | 1 % | 3.24 dB | .1 % | 3.36 dB | .01 % | 3.44 dB |
| 10 % | 0.20 dB | | | | | | | | | | | | | | | | |
| 1 % | 0.24 dB | | | | | | | | | | | | | | | | |
| .1 % | 0.24 dB | | | | | | | | | | | | | | | | |
| .01 % | 0.24 dB | | | | | | | | | | | | | | | | |
| 10 % | 2.64 dB | | | | | | | | | | | | | | | | |
| 1 % | 3.24 dB | | | | | | | | | | | | | | | | |
| .1 % | 3.36 dB | | | | | | | | | | | | | | | | |
| .01 % | 3.44 dB | | | | | | | | | | | | | | | | |
| <p align="center">Highest Channel</p>  <p>Center 848.8 MHz 2 dB/ Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 33.58 dBm Peak 33.77 dBm Crest 0.19 dB</p> <table border="1"> <tr><td>10 %</td><td>0.20 dB</td></tr> <tr><td>1 %</td><td>0.20 dB</td></tr> <tr><td>.1 %</td><td>0.20 dB</td></tr> <tr><td>.01 %</td><td>0.20 dB</td></tr> </table> <p>Date: 3.NOV.2015 11:05:00</p> | 10 % | 0.20 dB | 1 % | 0.20 dB | .1 % | 0.20 dB | .01 % | 0.20 dB | <p align="center">Highest Channel</p>  <p>Center 848.8 MHz 2 dB/ Mean Pwr + 20 dB</p> <p>Complementary Cumulative Distribution Function (100000 samples) Trace 1 Mean 26.48 dBm Peak 29.96 dBm Crest 3.48 dB</p> <table border="1"> <tr><td>10 %</td><td>2.60 dB</td></tr> <tr><td>1 %</td><td>3.24 dB</td></tr> <tr><td>.1 %</td><td>3.36 dB</td></tr> <tr><td>.01 %</td><td>3.44 dB</td></tr> </table> <p>Date: 3.NOV.2015 11:22:23</p> | 10 % | 2.60 dB | 1 % | 3.24 dB | .1 % | 3.36 dB | .01 % | 3.44 dB |
| 10 % | 0.20 dB | | | | | | | | | | | | | | | | |
| 1 % | 0.20 dB | | | | | | | | | | | | | | | | |
| .1 % | 0.20 dB | | | | | | | | | | | | | | | | |
| .01 % | 0.20 dB | | | | | | | | | | | | | | | | |
| 10 % | 2.60 dB | | | | | | | | | | | | | | | | |
| 1 % | 3.24 dB | | | | | | | | | | | | | | | | |
| .1 % | 3.36 dB | | | | | | | | | | | | | | | | |
| .01 % | 3.44 dB | | | | | | | | | | | | | | | | |



| GSM1900 (GPRS class 8) | GSM1900 (EDGE class 8) |
|--|--|
| <p align="center">Lowest Channel</p> <p align="center">Date: 3.NOV.2015 11:46:52</p> | <p align="center">Lowest Channel</p> <p align="center">Date: 3.NOV.2015 13:07:25</p> |
| <p align="center">Middle Channel</p> <p align="center">Date: 3.NOV.2015 11:47:20</p> | <p align="center">Middle Channel</p> <p align="center">Date: 3.NOV.2015 13:07:42</p> |
| <p align="center">Highest Channel</p> <p align="center">Date: 3.NOV.2015 11:47:36</p> | <p align="center">Highest Channel</p> <p align="center">Date: 3.NOV.2015 13:08:03</p> |



26dB Bandwidth

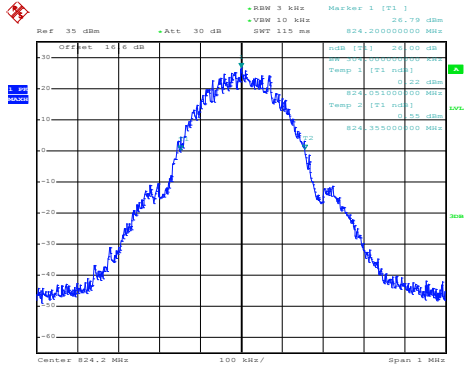
| Mode | GSM850 | |
|------------|--------|--------------|
| Mod. | GSM | EDGE class 8 |
| Lowest CH | 0.304 | 0.310 |
| Middle CH | 0.311 | 0.308 |
| Highest CH | 0.311 | 0.303 |

| Mode | GSM1900 | |
|------------|--------------|--------------|
| Mod. | GPRS class 8 | EDGE class 8 |
| Lowest CH | 0.315 | 0.292 |
| Middle CH | 0.317 | 0.307 |
| Highest CH | 0.313 | 0.299 |



GSM850 (GSM)

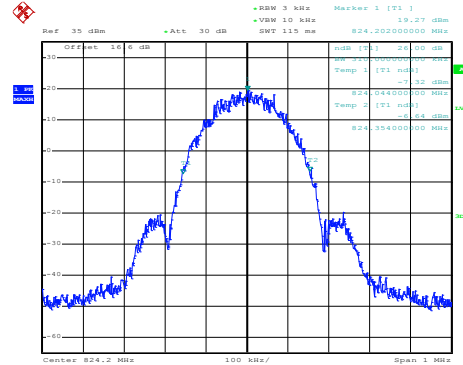
Lowest Channel



Date: 3.NOV.2015 10:45:47

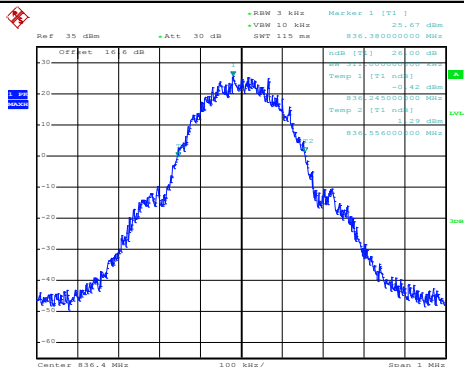
GSM850 (EDGE class 8)

Lowest Channel



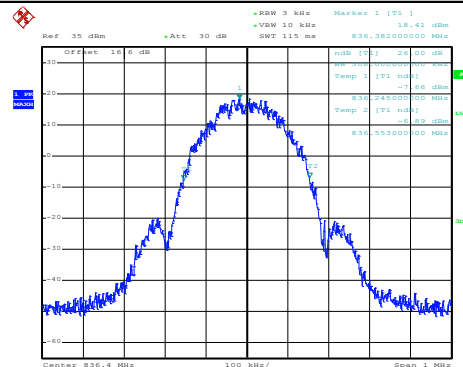
Date: 3.NOV.2015 11:09:54

Middle Channel



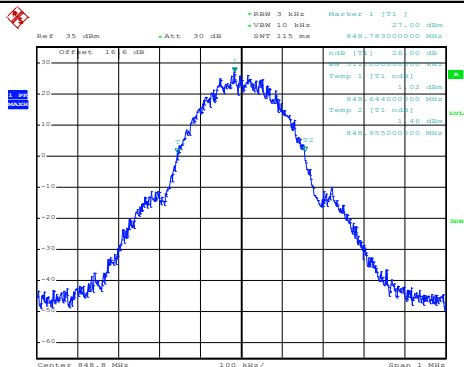
Date: 3.NOV.2015 10:46:23

Middle Channel



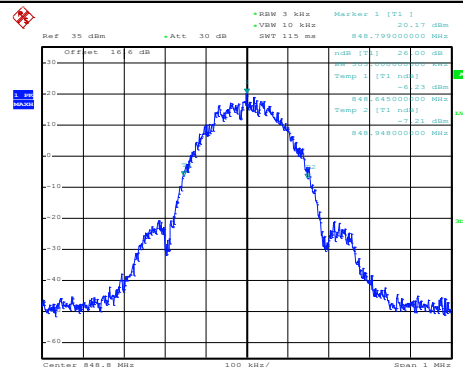
Date: 3.NOV.2015 11:10:36

Highest Channel

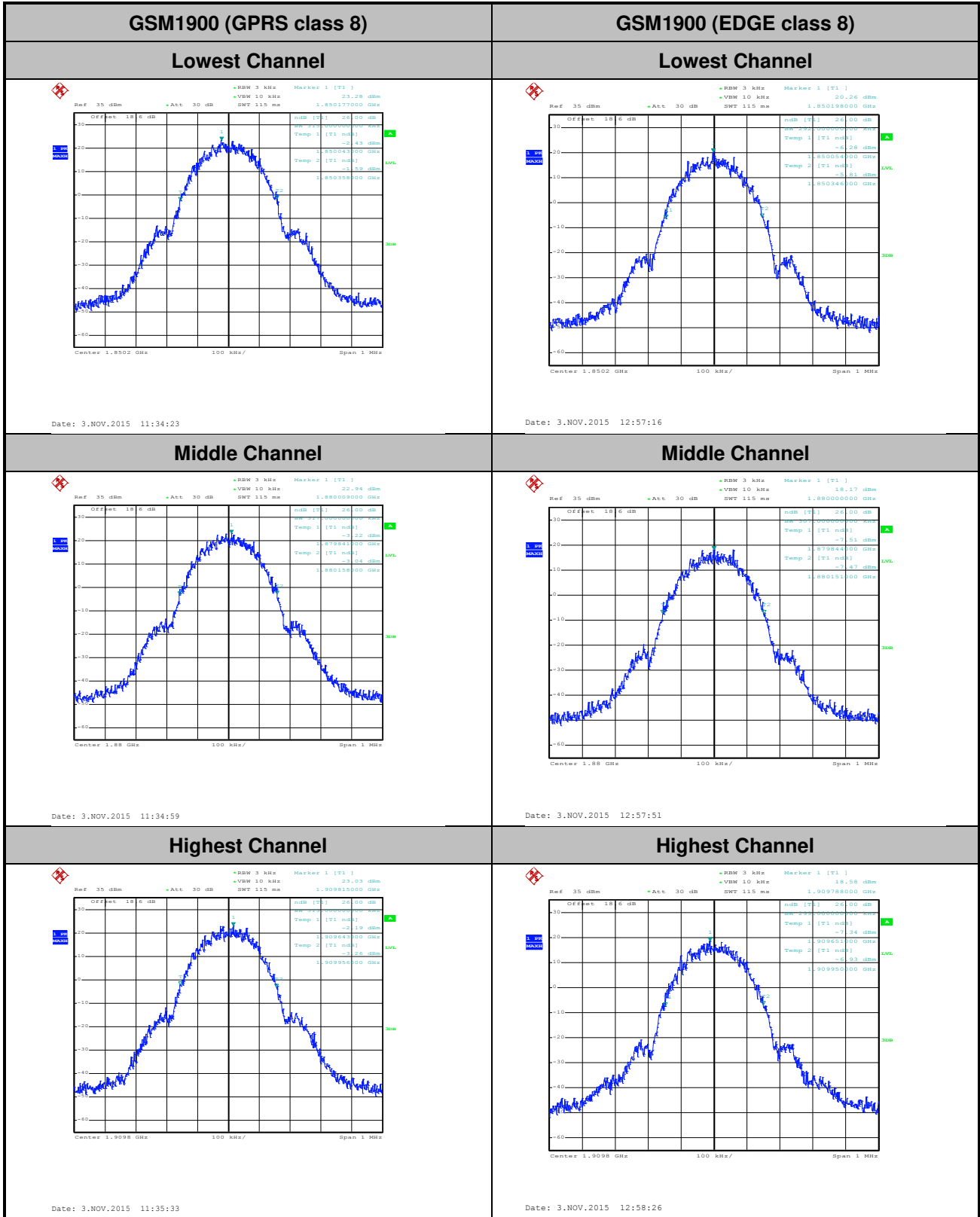


Date: 3.NOV.2015 10:47:05

Highest Channel



Date: 3.NOV.2015 11:11:28





Occupied Bandwidth

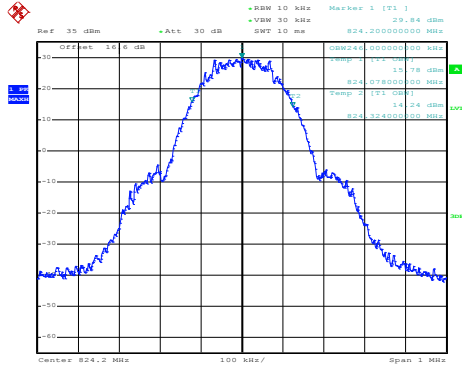
| Mode | GSM850 | |
|------------|--------|--------------|
| Mod. | GSM | EDGE class 8 |
| Lowest CH | 0.246 | 0.247 |
| Middle CH | 0.246 | 0.248 |
| Highest CH | 0.243 | 0.247 |

| Mode | GSM1900 | |
|------------|--------------|--------------|
| Mod. | GPRS class 8 | EDGE class 8 |
| Lowest CH | 0.248 | 0.247 |
| Middle CH | 0.243 | 0.250 |
| Highest CH | 0.244 | 0.249 |



GSM850 (GSM)

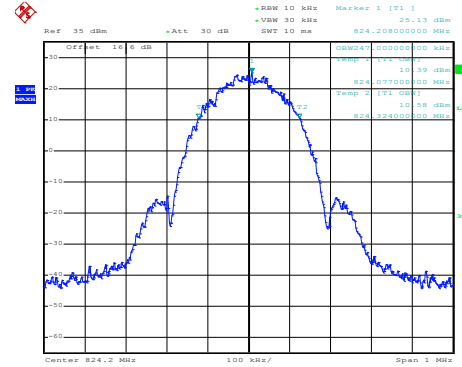
Lowest Channel



Date: 3.NOV.2015 10:52:10

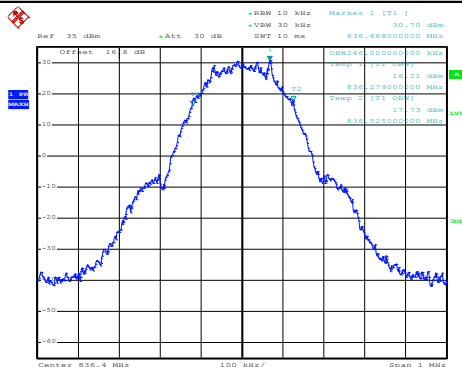
GSM850 (EDGE class 8)

Lowest Channel



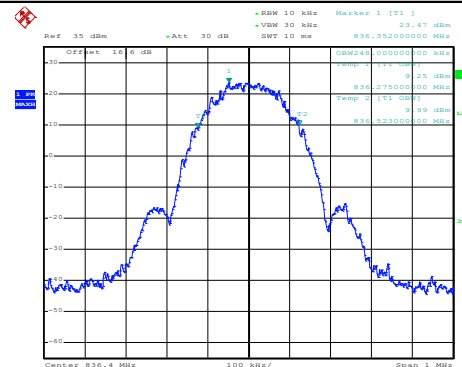
Date: 3.NOV.2015 11:12:25

Middle Channel



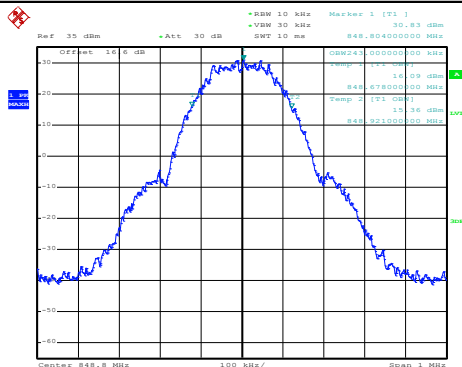
Date: 3.NOV.2015 10:53:24

Middle Channel



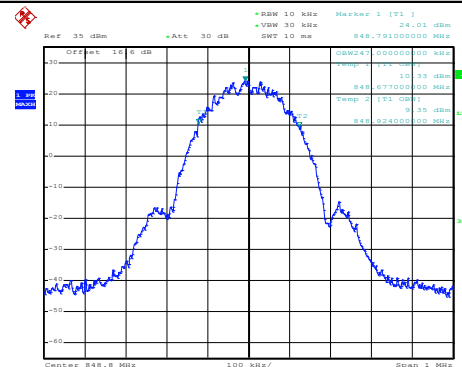
Date: 3.NOV.2015 11:13:02

Highest Channel



Date: 3.NOV.2015 10:54:00

Highest Channel

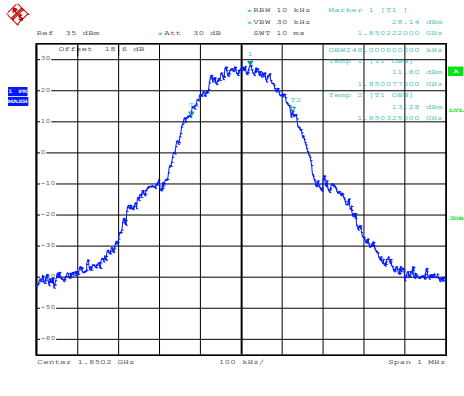


Date: 3.NOV.2015 11:13:36



GSM1900 (GPRS class 8)

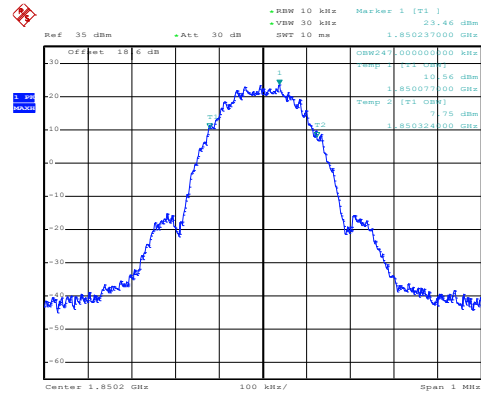
Lowest Channel



Date: 3.NOV.2015 11:36:56

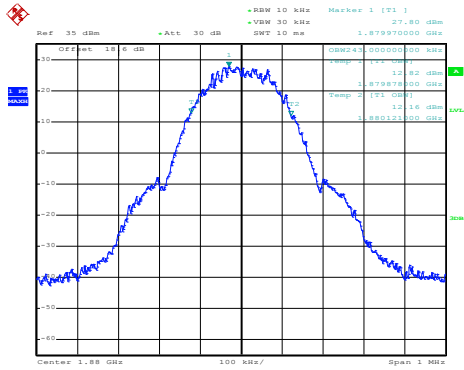
GSM1900 (EDGE class 8)

Lowest Channel



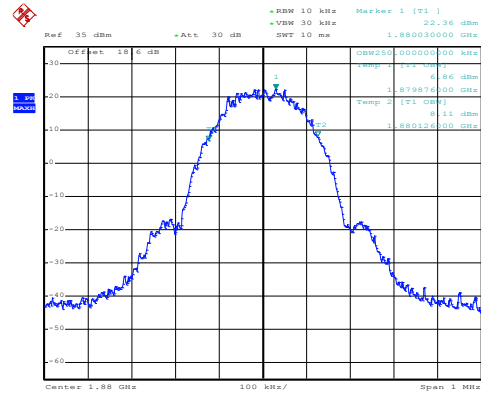
Date: 3.NOV.2015 12:59:30

Middle Channel



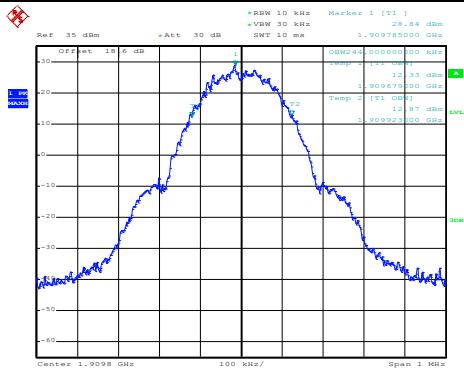
Date: 3.NOV.2015 11:37:35

Middle Channel



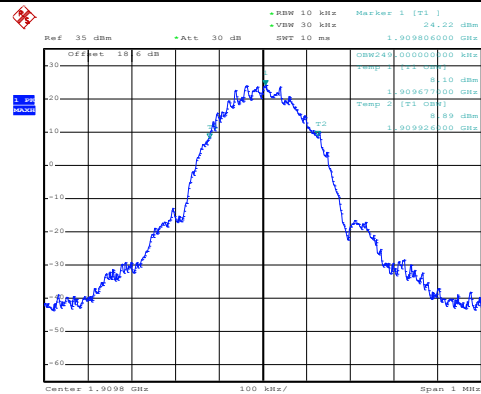
Date: 3.NOV.2015 13:00:04

Highest Channel



Date: 3.NOV.2015 11:38:11

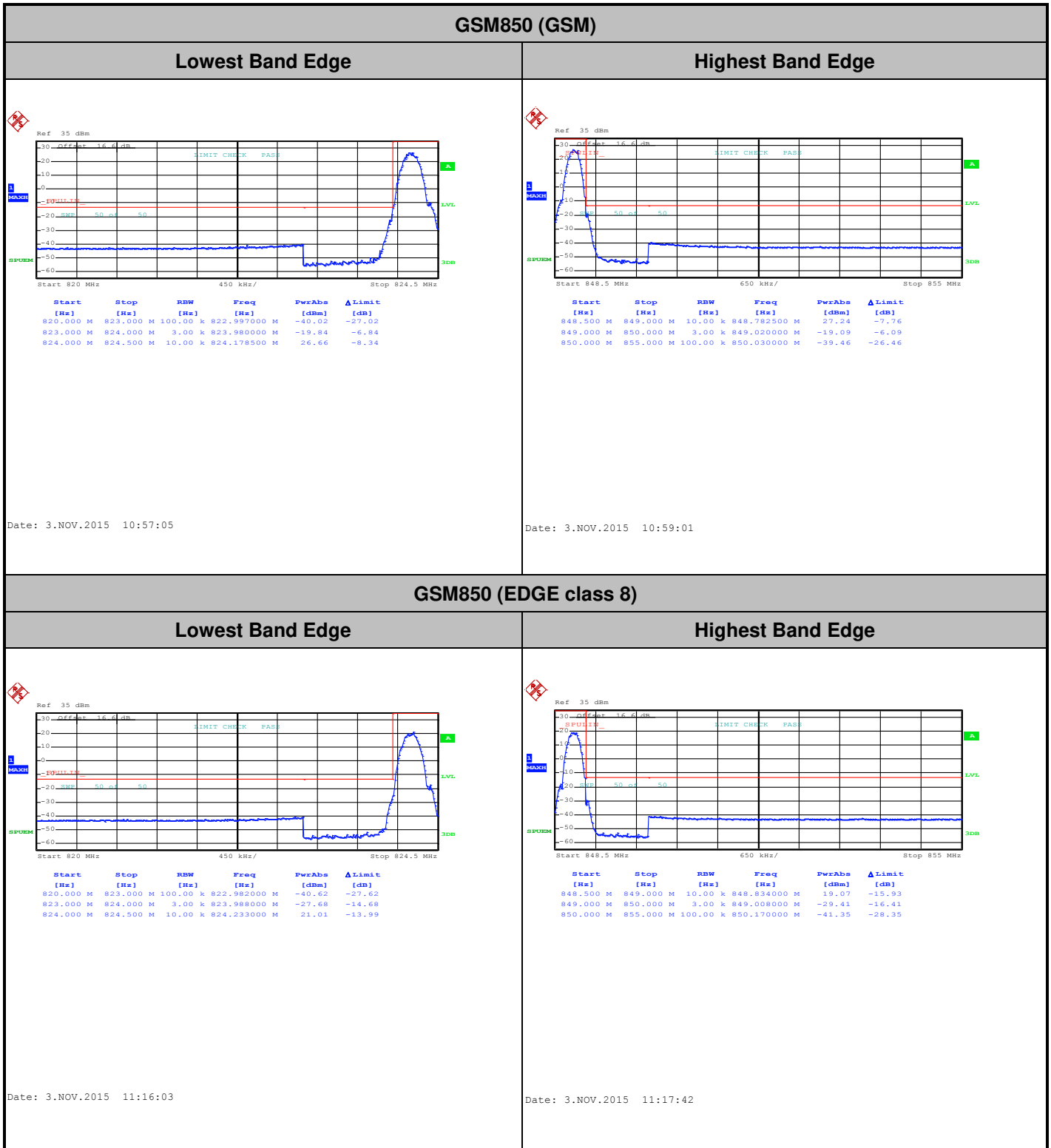
Highest Channel



Date: 3.NOV.2015 13:00:39



Conducted Band Edge

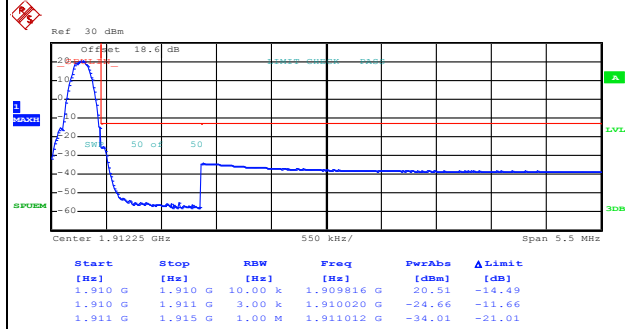
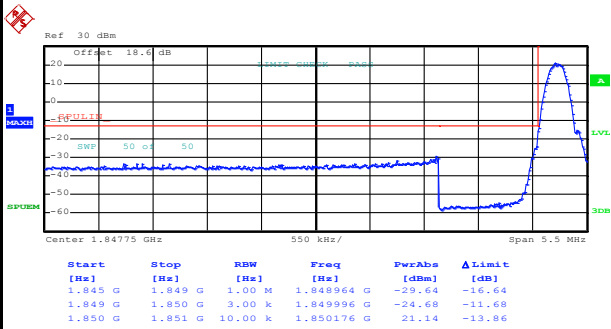




GSM1900 (GPRS class 8)

Lowest Band Edge

Highest Band Edge



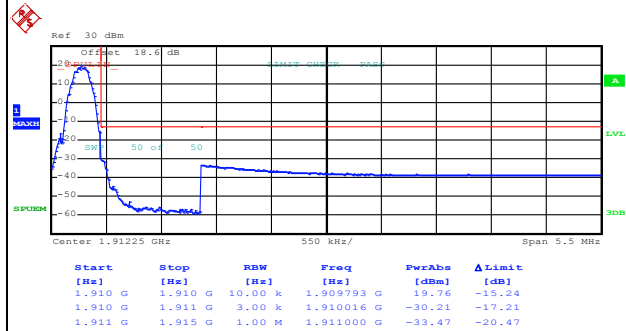
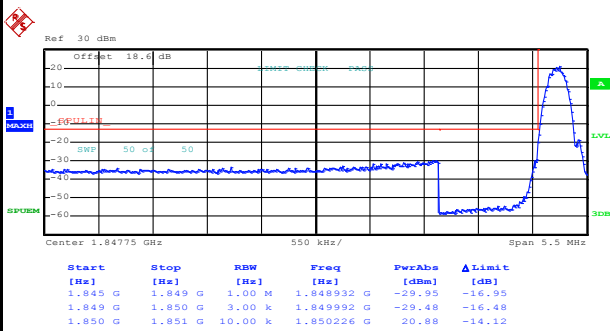
Date: 3.NOV.2015 12:02:01

Date: 3.NOV.2015 12:03:29

GSM1900 (EDGE class 8)

Lowest Band Edge

Highest Band Edge

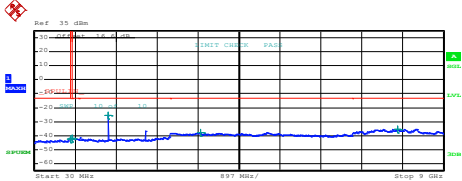
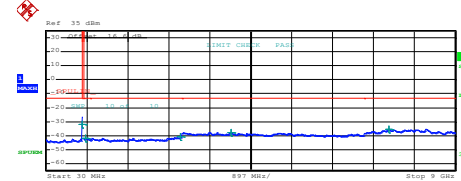
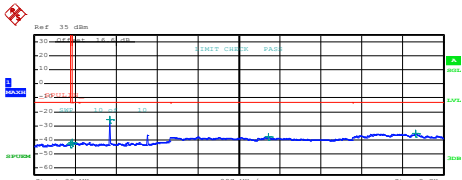
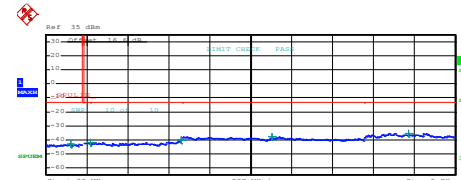
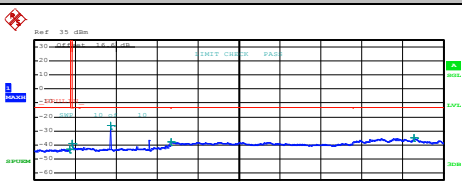
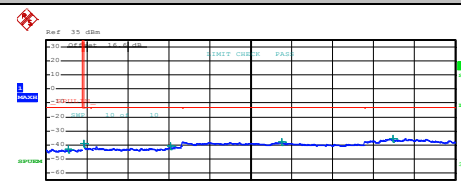


Date: 3.NOV.2015 13:02:16

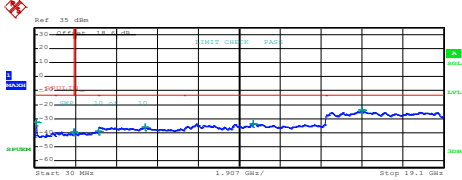
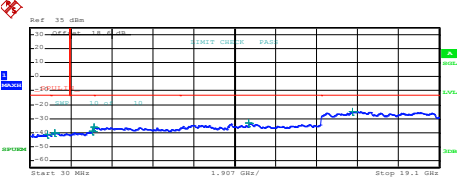
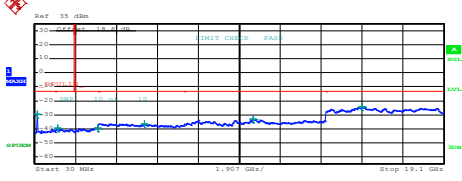
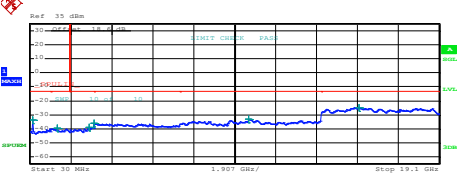
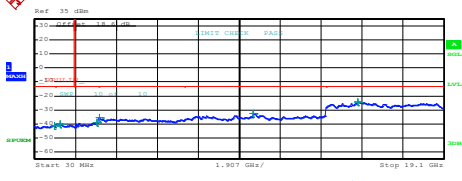
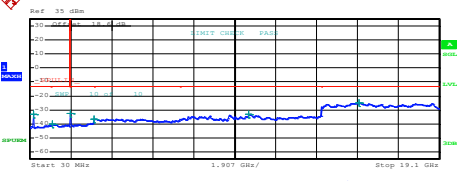
Date: 3.NOV.2015 13:03:53



Conducted Spurious Emission

| GSM850 (GSM) | GSM850 (EDGE class 8) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------|-----------|--------------|--------------|--------------|-------------|----------|-----------|--------|--------------|--------|--------|-----------|---------|--------|--------------|--------|--------|---------|---------|--------|-------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|--|------------|-----------|----------|-----------|--------------|-------------|----------|-----------|--------|--------------|--------|--------|-----------|---------|--------|--------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|---------|---------|--------|------------|--------|--------|
| Lowest Channel | Lowest Channel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  <table border="1" data-bbox="239 660 654 739"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>35,000 M</td> <td>825,000 M</td> <td>1,00 M</td> <td>817,235000 M</td> <td>-42.91</td> <td>-29.93</td> </tr> <tr> <td>855,000 M</td> <td>1,000 G</td> <td>1,00 M</td> <td>857,102500 M</td> <td>-42.10</td> <td>-29.10</td> </tr> <tr> <td>1,000 G</td> <td>3,000 G</td> <td>1,00 M</td> <td>1,1688000 G</td> <td>-23.36</td> <td>-22.36</td> </tr> <tr> <td>3,000 G</td> <td>7,000 G</td> <td>1,00 M</td> <td>3,668000 G</td> <td>-37.91</td> <td>-24.91</td> </tr> <tr> <td>7,000 G</td> <td>9,000 G</td> <td>1,00 M</td> <td>8,389000 G</td> <td>-35.19</td> <td>-22.19</td> </tr> </tbody> </table> <p>Date: 3.NOV.2015 11:01:40</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 35,000 M | 825,000 M | 1,00 M | 817,235000 M | -42.91 | -29.93 | 855,000 M | 1,000 G | 1,00 M | 857,102500 M | -42.10 | -29.10 | 1,000 G | 3,000 G | 1,00 M | 1,1688000 G | -23.36 | -22.36 | 3,000 G | 7,000 G | 1,00 M | 3,668000 G | -37.91 | -24.91 | 7,000 G | 9,000 G | 1,00 M | 8,389000 G | -35.19 | -22.19 |  <table border="1" data-bbox="877 660 1292 739"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>35,000 M</td> <td>825,000 M</td> <td>1,00 M</td> <td>819,802500 M</td> <td>-42.11</td> <td>-29.11</td> </tr> <tr> <td>855,000 M</td> <td>1,000 G</td> <td>1,00 M</td> <td>896,470003 M</td> <td>-41.84</td> <td>-28.84</td> </tr> <tr> <td>1,000 G</td> <td>3,000 G</td> <td>1,00 M</td> <td>2,974000 G</td> <td>-40.80</td> <td>-27.80</td> </tr> <tr> <td>3,000 G</td> <td>7,000 G</td> <td>1,00 M</td> <td>4,076000 G</td> <td>-37.72</td> <td>-24.72</td> </tr> <tr> <td>7,000 G</td> <td>9,000 G</td> <td>1,00 M</td> <td>7,540500 G</td> <td>-35.18</td> <td>-22.18</td> </tr> </tbody> </table> <p>Date: 3.NOV.2015 11:19:26</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 35,000 M | 825,000 M | 1,00 M | 819,802500 M | -42.11 | -29.11 | 855,000 M | 1,000 G | 1,00 M | 896,470003 M | -41.84 | -28.84 | 1,000 G | 3,000 G | 1,00 M | 2,974000 G | -40.80 | -27.80 | 3,000 G | 7,000 G | 1,00 M | 4,076000 G | -37.72 | -24.72 | 7,000 G | 9,000 G | 1,00 M | 7,540500 G | -35.18 | -22.18 |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35,000 M | 825,000 M | 1,00 M | 817,235000 M | -42.91 | -29.93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 855,000 M | 1,000 G | 1,00 M | 857,102500 M | -42.10 | -29.10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 3,000 G | 1,00 M | 1,1688000 G | -23.36 | -22.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,00 M | 3,668000 G | -37.91 | -24.91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 9,000 G | 1,00 M | 8,389000 G | -35.19 | -22.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35,000 M | 825,000 M | 1,00 M | 819,802500 M | -42.11 | -29.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 855,000 M | 1,000 G | 1,00 M | 896,470003 M | -41.84 | -28.84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 3,000 G | 1,00 M | 2,974000 G | -40.80 | -27.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,00 M | 4,076000 G | -37.72 | -24.72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 9,000 G | 1,00 M | 7,540500 G | -35.18 | -22.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Middle Channel | Middle Channel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  <table border="1" data-bbox="239 1176 654 1254"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>35,000 M</td> <td>825,000 M</td> <td>1,00 M</td> <td>816,642500 M</td> <td>-42.93</td> <td>-29.93</td> </tr> <tr> <td>855,000 M</td> <td>1,000 G</td> <td>1,00 M</td> <td>861,265001 M</td> <td>-43.97</td> <td>-28.97</td> </tr> <tr> <td>1,000 G</td> <td>3,000 G</td> <td>1,00 M</td> <td>1,673000 G</td> <td>-25.78</td> <td>-12.78</td> </tr> <tr> <td>3,000 G</td> <td>7,000 G</td> <td>1,00 M</td> <td>5,153000 G</td> <td>-37.96</td> <td>-24.96</td> </tr> <tr> <td>7,000 G</td> <td>9,000 G</td> <td>1,00 M</td> <td>8,389000 G</td> <td>-35.68</td> <td>-22.68</td> </tr> </tbody> </table> <p>Date: 3.NOV.2015 11:02:18</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 35,000 M | 825,000 M | 1,00 M | 816,642500 M | -42.93 | -29.93 | 855,000 M | 1,000 G | 1,00 M | 861,265001 M | -43.97 | -28.97 | 1,000 G | 3,000 G | 1,00 M | 1,673000 G | -25.78 | -12.78 | 3,000 G | 7,000 G | 1,00 M | 5,153000 G | -37.96 | -24.96 | 7,000 G | 9,000 G | 1,00 M | 8,389000 G | -35.68 | -22.68 |  <table border="1" data-bbox="877 1176 1292 1254"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>35,000 M</td> <td>825,000 M</td> <td>1,00 M</td> <td>870,537500 M</td> <td>-42.81</td> <td>-29.81</td> </tr> <tr> <td>855,000 M</td> <td>1,000 G</td> <td>1,00 M</td> <td>898,286200 M</td> <td>-41.87</td> <td>-28.87</td> </tr> <tr> <td>1,000 G</td> <td>3,000 G</td> <td>1,00 M</td> <td>2,998000 G</td> <td>-40.26</td> <td>-27.26</td> </tr> <tr> <td>3,000 G</td> <td>7,000 G</td> <td>1,00 M</td> <td>4,998000 G</td> <td>-37.80</td> <td>-24.80</td> </tr> <tr> <td>7,000 G</td> <td>9,000 G</td> <td>1,00 M</td> <td>7,983500 G</td> <td>-35.30</td> <td>-22.30</td> </tr> </tbody> </table> <p>Date: 3.NOV.2015 11:20:03</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 35,000 M | 825,000 M | 1,00 M | 870,537500 M | -42.81 | -29.81 | 855,000 M | 1,000 G | 1,00 M | 898,286200 M | -41.87 | -28.87 | 1,000 G | 3,000 G | 1,00 M | 2,998000 G | -40.26 | -27.26 | 3,000 G | 7,000 G | 1,00 M | 4,998000 G | -37.80 | -24.80 | 7,000 G | 9,000 G | 1,00 M | 7,983500 G | -35.30 | -22.30 |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35,000 M | 825,000 M | 1,00 M | 816,642500 M | -42.93 | -29.93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 855,000 M | 1,000 G | 1,00 M | 861,265001 M | -43.97 | -28.97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 3,000 G | 1,00 M | 1,673000 G | -25.78 | -12.78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,00 M | 5,153000 G | -37.96 | -24.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 9,000 G | 1,00 M | 8,389000 G | -35.68 | -22.68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35,000 M | 825,000 M | 1,00 M | 870,537500 M | -42.81 | -29.81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 855,000 M | 1,000 G | 1,00 M | 898,286200 M | -41.87 | -28.87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 3,000 G | 1,00 M | 2,998000 G | -40.26 | -27.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,00 M | 4,998000 G | -37.80 | -24.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 9,000 G | 1,00 M | 7,983500 G | -35.30 | -22.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Highest Channel | Highest Channel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  <table border="1" data-bbox="239 1691 654 1769"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>35,000 M</td> <td>825,000 M</td> <td>1,00 M</td> <td>801,435000 M</td> <td>-42.93</td> <td>-29.93</td> </tr> <tr> <td>855,000 M</td> <td>1,000 G</td> <td>1,00 M</td> <td>855,473250 M</td> <td>-38.79</td> <td>-25.79</td> </tr> <tr> <td>1,000 G</td> <td>3,000 G</td> <td>1,00 M</td> <td>1,697500 G</td> <td>-24.24</td> <td>-12.24</td> </tr> <tr> <td>3,000 G</td> <td>7,000 G</td> <td>1,00 M</td> <td>3,027000 G</td> <td>-37.88</td> <td>-24.88</td> </tr> <tr> <td>7,000 G</td> <td>9,000 G</td> <td>1,00 M</td> <td>8,389000 G</td> <td>-35.00</td> <td>-22.00</td> </tr> </tbody> </table> <p>Date: 3.NOV.2015 11:03:16</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 35,000 M | 825,000 M | 1,00 M | 801,435000 M | -42.93 | -29.93 | 855,000 M | 1,000 G | 1,00 M | 855,473250 M | -38.79 | -25.79 | 1,000 G | 3,000 G | 1,00 M | 1,697500 G | -24.24 | -12.24 | 3,000 G | 7,000 G | 1,00 M | 3,027000 G | -37.88 | -24.88 | 7,000 G | 9,000 G | 1,00 M | 8,389000 G | -35.00 | -22.00 |  <table border="1" data-bbox="877 1691 1292 1769"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAbs [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr> <td>35,000 M</td> <td>825,000 M</td> <td>1,00 M</td> <td>812,652500 M</td> <td>-43.31</td> <td>-30.31</td> </tr> <tr> <td>855,000 M</td> <td>1,000 G</td> <td>1,00 M</td> <td>855,072500 M</td> <td>-38.82</td> <td>-25.82</td> </tr> <tr> <td>1,000 G</td> <td>3,000 G</td> <td>1,00 M</td> <td>2,730500 G</td> <td>-40.67</td> <td>-27.67</td> </tr> <tr> <td>3,000 G</td> <td>7,000 G</td> <td>1,00 M</td> <td>5,191000 G</td> <td>-37.96</td> <td>-24.96</td> </tr> <tr> <td>7,000 G</td> <td>9,000 G</td> <td>1,00 M</td> <td>7,637500 G</td> <td>-35.59</td> <td>-22.59</td> </tr> </tbody> </table> <p>Date: 3.NOV.2015 11:20:52</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | 35,000 M | 825,000 M | 1,00 M | 812,652500 M | -43.31 | -30.31 | 855,000 M | 1,000 G | 1,00 M | 855,072500 M | -38.82 | -25.82 | 1,000 G | 3,000 G | 1,00 M | 2,730500 G | -40.67 | -27.67 | 3,000 G | 7,000 G | 1,00 M | 5,191000 G | -37.96 | -24.96 | 7,000 G | 9,000 G | 1,00 M | 7,637500 G | -35.59 | -22.59 |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35,000 M | 825,000 M | 1,00 M | 801,435000 M | -42.93 | -29.93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 855,000 M | 1,000 G | 1,00 M | 855,473250 M | -38.79 | -25.79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 3,000 G | 1,00 M | 1,697500 G | -24.24 | -12.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,00 M | 3,027000 G | -37.88 | -24.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 9,000 G | 1,00 M | 8,389000 G | -35.00 | -22.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAbs [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35,000 M | 825,000 M | 1,00 M | 812,652500 M | -43.31 | -30.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 855,000 M | 1,000 G | 1,00 M | 855,072500 M | -38.82 | -25.82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 3,000 G | 1,00 M | 2,730500 G | -40.67 | -27.67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,00 M | 5,191000 G | -37.96 | -24.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 9,000 G | 1,00 M | 7,637500 G | -35.59 | -22.59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



| GSM1900 (GPRS class 8) | GSM1900 (EDGE class 8) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|-----------|--------------|--------------|--------------|-------------|----------|---------|---------|--------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|----------|---------|-------------|--------|--------|----------|----------|---------|-------------|--------|--------|--|------------|-----------|----------|-----------|--------------|-------------|----------|---------|---------|--------------|--------|--------|---------|---------|---------|-------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|---------|---------|------------|--------|--------|---------|----------|---------|-------------|--------|--------|----------|----------|---------|-------------|--------|--------|
| Lowest Channel | Lowest Channel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  <table border="1" data-bbox="239 577 638 672"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30,000 M</td><td>1,000 G</td><td>1,000 M</td><td>111,965000 M</td><td>-32.58</td><td>-19.59</td></tr> <tr><td>1,000 G</td><td>1,845 G</td><td>1,000 M</td><td>1,844578 G</td><td>-39.58</td><td>-26.58</td></tr> <tr><td>1,845 G</td><td>3,000 G</td><td>1,000 M</td><td>2,939389 G</td><td>-39.14</td><td>-26.14</td></tr> <tr><td>3,000 G</td><td>7,000 G</td><td>1,000 M</td><td>5,190000 G</td><td>-36.09</td><td>-23.09</td></tr> <tr><td>7,000 G</td><td>13,600 G</td><td>1,000 M</td><td>10,210075 G</td><td>-33.44</td><td>-20.44</td></tr> <tr><td>13,600 G</td><td>19,100 G</td><td>1,000 M</td><td>15,275438 G</td><td>-23.91</td><td>-10.91</td></tr> </tbody> </table> <p>Date: 3.NOV.2015 11:44:43</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 1,000 G | 1,000 M | 111,965000 M | -32.58 | -19.59 | 1,000 G | 1,845 G | 1,000 M | 1,844578 G | -39.58 | -26.58 | 1,845 G | 3,000 G | 1,000 M | 2,939389 G | -39.14 | -26.14 | 3,000 G | 7,000 G | 1,000 M | 5,190000 G | -36.09 | -23.09 | 7,000 G | 13,600 G | 1,000 M | 10,210075 G | -33.44 | -20.44 | 13,600 G | 19,100 G | 1,000 M | 15,275438 G | -23.91 | -10.91 |  <table border="1" data-bbox="893 577 1292 672"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30,000 M</td><td>1,000 G</td><td>1,000 M</td><td>841,647500 M</td><td>-41.33</td><td>-28.33</td></tr> <tr><td>1,000 G</td><td>1,845 G</td><td>1,000 M</td><td>1,372380 G</td><td>-40.14</td><td>-27.14</td></tr> <tr><td>1,845 G</td><td>3,000 G</td><td>1,000 M</td><td>2,939311 G</td><td>-39.76</td><td>-26.76</td></tr> <tr><td>3,000 G</td><td>7,000 G</td><td>1,000 M</td><td>3,010000 G</td><td>-36.20</td><td>-23.20</td></tr> <tr><td>7,000 G</td><td>13,600 G</td><td>1,000 M</td><td>10,215025 G</td><td>-33.15</td><td>-20.15</td></tr> <tr><td>13,600 G</td><td>19,100 G</td><td>1,000 M</td><td>15,050625 G</td><td>-24.67</td><td>-11.67</td></tr> </tbody> </table> <p>Date: 3.NOV.2015 13:05:09</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 1,000 G | 1,000 M | 841,647500 M | -41.33 | -28.33 | 1,000 G | 1,845 G | 1,000 M | 1,372380 G | -40.14 | -27.14 | 1,845 G | 3,000 G | 1,000 M | 2,939311 G | -39.76 | -26.76 | 3,000 G | 7,000 G | 1,000 M | 3,010000 G | -36.20 | -23.20 | 7,000 G | 13,600 G | 1,000 M | 10,215025 G | -33.15 | -20.15 | 13,600 G | 19,100 G | 1,000 M | 15,050625 G | -24.67 | -11.67 |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30,000 M | 1,000 G | 1,000 M | 111,965000 M | -32.58 | -19.59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 1,845 G | 1,000 M | 1,844578 G | -39.58 | -26.58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,845 G | 3,000 G | 1,000 M | 2,939389 G | -39.14 | -26.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,000 M | 5,190000 G | -36.09 | -23.09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 13,600 G | 1,000 M | 10,210075 G | -33.44 | -20.44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13,600 G | 19,100 G | 1,000 M | 15,275438 G | -23.91 | -10.91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30,000 M | 1,000 G | 1,000 M | 841,647500 M | -41.33 | -28.33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 1,845 G | 1,000 M | 1,372380 G | -40.14 | -27.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,845 G | 3,000 G | 1,000 M | 2,939311 G | -39.76 | -26.76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,000 M | 3,010000 G | -36.20 | -23.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 13,600 G | 1,000 M | 10,215025 G | -33.15 | -20.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13,600 G | 19,100 G | 1,000 M | 15,050625 G | -24.67 | -11.67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Middle Channel | Middle Channel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  <table border="1" data-bbox="239 1102 638 1196"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30,000 M</td><td>1,000 G</td><td>1,000 M</td><td>141,792500 M</td><td>-29.66</td><td>-16.66</td></tr> <tr><td>1,000 G</td><td>1,845 G</td><td>1,000 M</td><td>1,088314 G</td><td>-39.78</td><td>-26.78</td></tr> <tr><td>1,845 G</td><td>3,000 G</td><td>1,000 M</td><td>2,981284 G</td><td>-39.44</td><td>-26.44</td></tr> <tr><td>3,000 G</td><td>7,000 G</td><td>1,000 M</td><td>5,142000 G</td><td>-36.37</td><td>-23.37</td></tr> <tr><td>7,000 G</td><td>13,600 G</td><td>1,000 M</td><td>10,213950 G</td><td>-33.41</td><td>-20.41</td></tr> <tr><td>13,600 G</td><td>19,100 G</td><td>1,000 M</td><td>15,268563 G</td><td>-24.56</td><td>-11.56</td></tr> </tbody> </table> <p>Date: 3.NOV.2015 11:45:33</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 1,000 G | 1,000 M | 141,792500 M | -29.66 | -16.66 | 1,000 G | 1,845 G | 1,000 M | 1,088314 G | -39.78 | -26.78 | 1,845 G | 3,000 G | 1,000 M | 2,981284 G | -39.44 | -26.44 | 3,000 G | 7,000 G | 1,000 M | 5,142000 G | -36.37 | -23.37 | 7,000 G | 13,600 G | 1,000 M | 10,213950 G | -33.41 | -20.41 | 13,600 G | 19,100 G | 1,000 M | 15,268563 G | -24.56 | -11.56 |  <table border="1" data-bbox="893 1102 1292 1196"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30,000 M</td><td>1,000 G</td><td>1,000 M</td><td>141,792500 M</td><td>-35.43</td><td>-20.43</td></tr> <tr><td>1,000 G</td><td>1,845 G</td><td>1,000 M</td><td>1,0287089 G</td><td>-39.67</td><td>-26.67</td></tr> <tr><td>1,845 G</td><td>3,000 G</td><td>1,000 M</td><td>2,759130 G</td><td>-38.96</td><td>-25.96</td></tr> <tr><td>3,000 G</td><td>7,000 G</td><td>1,000 M</td><td>3,010000 G</td><td>-36.33</td><td>-23.33</td></tr> <tr><td>7,000 G</td><td>13,600 G</td><td>1,000 M</td><td>10,213950 G</td><td>-33.48</td><td>-20.48</td></tr> <tr><td>13,600 G</td><td>19,100 G</td><td>1,000 M</td><td>15,344188 G</td><td>-24.68</td><td>-11.68</td></tr> </tbody> </table> <p>Date: 3.NOV.2015 13:05:45</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 1,000 G | 1,000 M | 141,792500 M | -35.43 | -20.43 | 1,000 G | 1,845 G | 1,000 M | 1,0287089 G | -39.67 | -26.67 | 1,845 G | 3,000 G | 1,000 M | 2,759130 G | -38.96 | -25.96 | 3,000 G | 7,000 G | 1,000 M | 3,010000 G | -36.33 | -23.33 | 7,000 G | 13,600 G | 1,000 M | 10,213950 G | -33.48 | -20.48 | 13,600 G | 19,100 G | 1,000 M | 15,344188 G | -24.68 | -11.68 |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30,000 M | 1,000 G | 1,000 M | 141,792500 M | -29.66 | -16.66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 1,845 G | 1,000 M | 1,088314 G | -39.78 | -26.78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,845 G | 3,000 G | 1,000 M | 2,981284 G | -39.44 | -26.44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,000 M | 5,142000 G | -36.37 | -23.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 13,600 G | 1,000 M | 10,213950 G | -33.41 | -20.41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13,600 G | 19,100 G | 1,000 M | 15,268563 G | -24.56 | -11.56 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30,000 M | 1,000 G | 1,000 M | 141,792500 M | -35.43 | -20.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 1,845 G | 1,000 M | 1,0287089 G | -39.67 | -26.67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,845 G | 3,000 G | 1,000 M | 2,759130 G | -38.96 | -25.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,000 M | 3,010000 G | -36.33 | -23.33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 13,600 G | 1,000 M | 10,213950 G | -33.48 | -20.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13,600 G | 19,100 G | 1,000 M | 15,344188 G | -24.68 | -11.68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Highest Channel | Highest Channel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  <table border="1" data-bbox="239 1626 638 1720"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30,000 M</td><td>1,000 G</td><td>1,000 M</td><td>946,630000 M</td><td>-41.25</td><td>-28.25</td></tr> <tr><td>1,000 G</td><td>1,845 G</td><td>1,000 M</td><td>1,196885 G</td><td>-40.26</td><td>-27.26</td></tr> <tr><td>1,845 G</td><td>3,000 G</td><td>1,000 M</td><td>2,940208 G</td><td>-38.75</td><td>-25.75</td></tr> <tr><td>3,000 G</td><td>7,000 G</td><td>1,000 M</td><td>3,010000 G</td><td>-35.60</td><td>-22.60</td></tr> <tr><td>7,000 G</td><td>13,600 G</td><td>1,000 M</td><td>10,216675 G</td><td>-32.80</td><td>-19.80</td></tr> <tr><td>13,600 G</td><td>19,100 G</td><td>1,000 M</td><td>15,106313 G</td><td>-24.90</td><td>-11.90</td></tr> </tbody> </table> <p>Date: 3.NOV.2015 11:46:10</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 1,000 G | 1,000 M | 946,630000 M | -41.25 | -28.25 | 1,000 G | 1,845 G | 1,000 M | 1,196885 G | -40.26 | -27.26 | 1,845 G | 3,000 G | 1,000 M | 2,940208 G | -38.75 | -25.75 | 3,000 G | 7,000 G | 1,000 M | 3,010000 G | -35.60 | -22.60 | 7,000 G | 13,600 G | 1,000 M | 10,216675 G | -32.80 | -19.80 | 13,600 G | 19,100 G | 1,000 M | 15,106313 G | -24.90 | -11.90 |  <table border="1" data-bbox="893 1626 1292 1720"> <thead> <tr> <th>Start [Hz]</th> <th>Stop [Hz]</th> <th>RBW [Hz]</th> <th>Freq [Hz]</th> <th>PwrAve [dBm]</th> <th>ΔLimit [dB]</th> </tr> </thead> <tbody> <tr><td>30,000 M</td><td>1,000 G</td><td>1,000 M</td><td>171,620000 M</td><td>-33.14</td><td>-20.14</td></tr> <tr><td>1,000 G</td><td>1,845 G</td><td>1,000 M</td><td>1,068656 G</td><td>-40.12</td><td>-27.12</td></tr> <tr><td>1,845 G</td><td>3,000 G</td><td>1,000 M</td><td>1,915271 G</td><td>-32.62</td><td>-19.62</td></tr> <tr><td>3,000 G</td><td>7,000 G</td><td>1,000 M</td><td>3,020000 G</td><td>-36.43</td><td>-23.43</td></tr> <tr><td>7,000 G</td><td>13,600 G</td><td>1,000 M</td><td>10,208425 G</td><td>-33.26</td><td>-20.26</td></tr> <tr><td>13,600 G</td><td>19,100 G</td><td>1,000 M</td><td>15,353062 G</td><td>-24.93</td><td>-11.93</td></tr> </tbody> </table> <p>Date: 3.NOV.2015 13:06:22</p> | Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | 30,000 M | 1,000 G | 1,000 M | 171,620000 M | -33.14 | -20.14 | 1,000 G | 1,845 G | 1,000 M | 1,068656 G | -40.12 | -27.12 | 1,845 G | 3,000 G | 1,000 M | 1,915271 G | -32.62 | -19.62 | 3,000 G | 7,000 G | 1,000 M | 3,020000 G | -36.43 | -23.43 | 7,000 G | 13,600 G | 1,000 M | 10,208425 G | -33.26 | -20.26 | 13,600 G | 19,100 G | 1,000 M | 15,353062 G | -24.93 | -11.93 |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30,000 M | 1,000 G | 1,000 M | 946,630000 M | -41.25 | -28.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 1,845 G | 1,000 M | 1,196885 G | -40.26 | -27.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,845 G | 3,000 G | 1,000 M | 2,940208 G | -38.75 | -25.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,000 M | 3,010000 G | -35.60 | -22.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 13,600 G | 1,000 M | 10,216675 G | -32.80 | -19.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13,600 G | 19,100 G | 1,000 M | 15,106313 G | -24.90 | -11.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz] | PwrAve [dBm] | ΔLimit [dB] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30,000 M | 1,000 G | 1,000 M | 171,620000 M | -33.14 | -20.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,000 G | 1,845 G | 1,000 M | 1,068656 G | -40.12 | -27.12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,845 G | 3,000 G | 1,000 M | 1,915271 G | -32.62 | -19.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3,000 G | 7,000 G | 1,000 M | 3,020000 G | -36.43 | -23.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7,000 G | 13,600 G | 1,000 M | 10,208425 G | -33.26 | -20.26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13,600 G | 19,100 G | 1,000 M | 15,353062 G | -24.93 | -11.93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



Frequency Stability

| Test Conditions | Middle Channel | GSM850 (GSM) | GSM850 (EDGE class 8) | Limit 2.5ppm |
|------------------|-------------------|-----------------|-----------------------|--------------|
| Temperature (°C) | Voltage (Volt) | Deviation (ppm) | | Result |
| 50 | Normal Voltage | 0.0072 | 0.0096 | PASS |
| 40 | Normal Voltage | 0.0096 | 0.0048 | |
| 30 | Normal Voltage | 0.0024 | 0.0012 | |
| 20(Ref.) | Normal Voltage | 0.0000 | 0.0000 | |
| 10 | Normal Voltage | 0.0012 | 0.0048 | |
| 0 | Normal Voltage | 0.0012 | 0.0036 | |
| -10 | Normal Voltage | 0.0048 | 0.0024 | |
| -20 | Normal Voltage | 0.0072 | 0.0072 | |
| -30 | Normal Voltage | 0.0060 | 0.0036 | |
| 20 | Maximum Voltage | 0.0072 | 0.0000 | |
| 20 | Normal Voltage | 0.0048 | 0.0024 | |
| 20 | Battery End Point | 0.0024 | 0.0012 | |

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block.



| Test Conditions | Middle Channel | GSM1900 (GPRS class 8) | GSM1900 (EDGE class 8) | Limit Note 2. |
|------------------|-------------------|---------------------------|---------------------------|------------------|
| Temperature (°C) | Voltage (Volt) | Deviation (ppm) | | Result |
| 50 | Normal Voltage | 0.0037 | 0.0053 | PASS |
| 40 | Normal Voltage | 0.0016 | 0.0043 | |
| 30 | Normal Voltage | 0.0011 | 0.0027 | |
| 20(Ref.) | Normal Voltage | 0.0000 | 0.0000 | |
| 10 | Normal Voltage | 0.0005 | 0.0027 | |
| 0 | Normal Voltage | 0.0021 | 0.0016 | |
| -10 | Normal Voltage | 0.0011 | 0.0032 | |
| -20 | Normal Voltage | 0.0005 | 0.0021 | |
| -30 | Normal Voltage | 0.0021 | 0.0037 | |
| 20 | Maximum Voltage | 0.0011 | 0.0037 | |
| 20 | Normal Voltage | 0.0005 | 0.0016 | |
| 20 | Battery End Point | 0.0005 | 0.0027 | |

Note:

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage =4.35 V
2. The frequency fundamental emissions stay within the authorized frequency block.