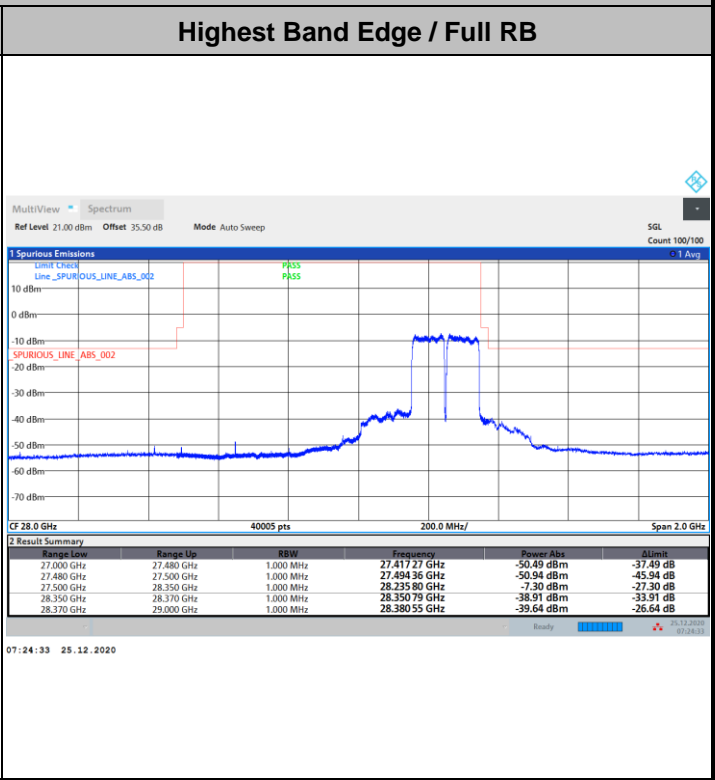
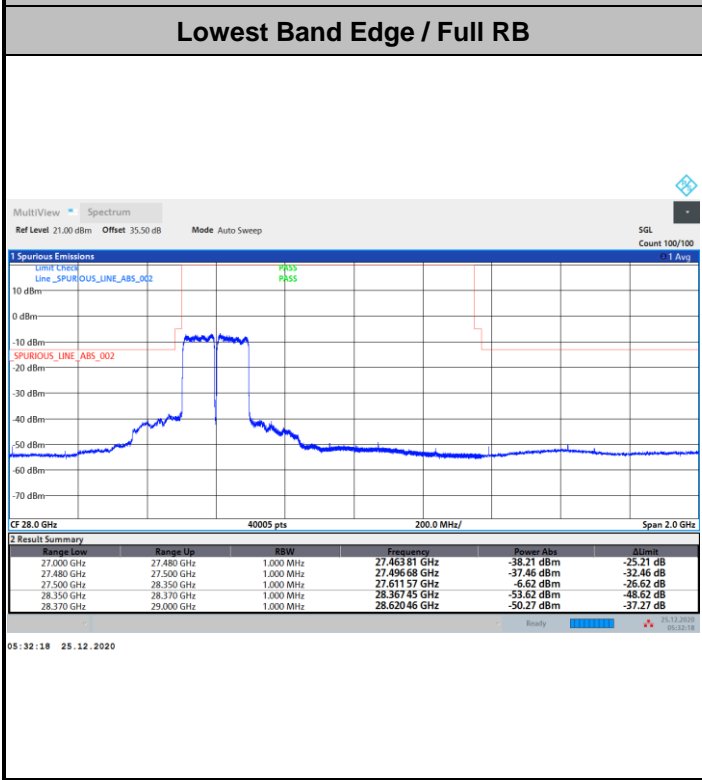


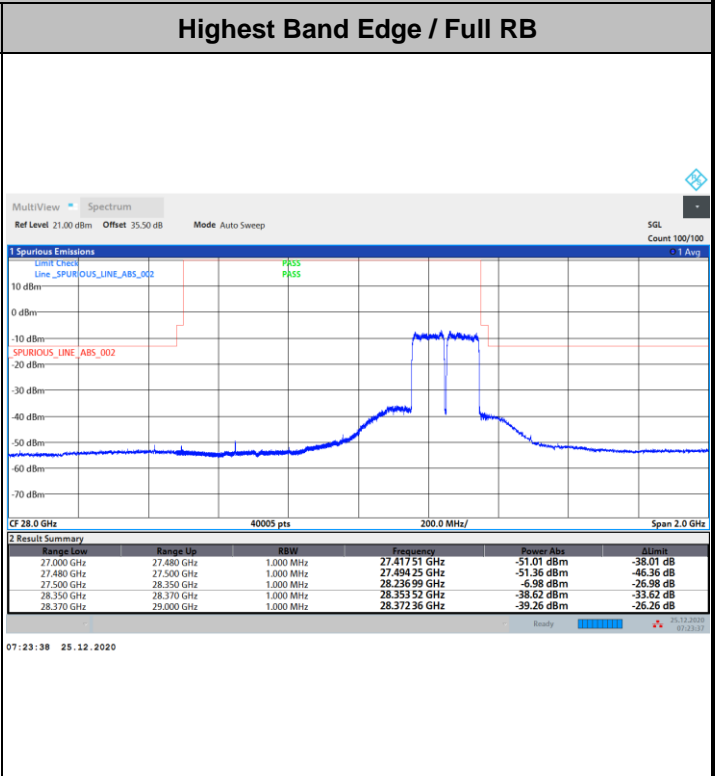
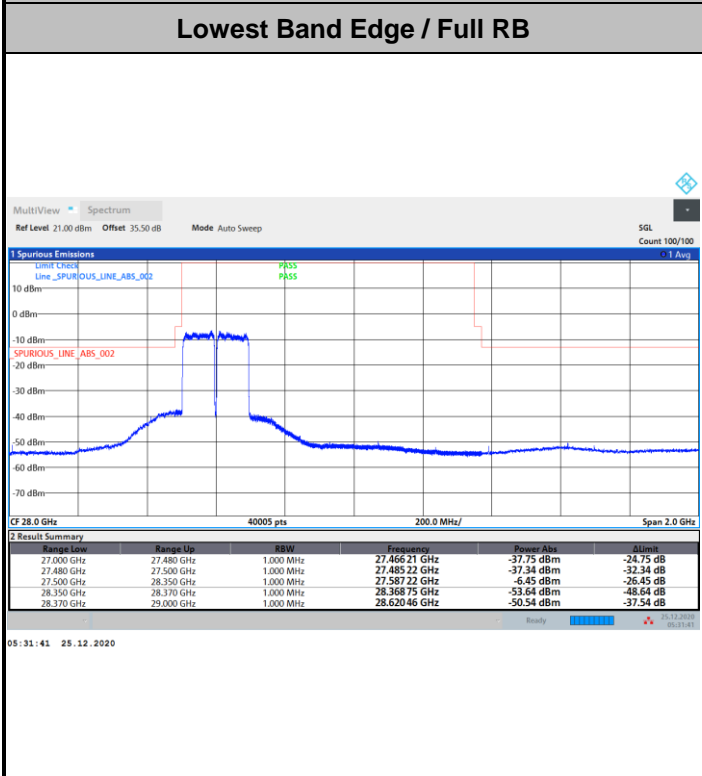


DFT-s-OFDM Module 0

NR Band n261 / 200MHz / BPSK



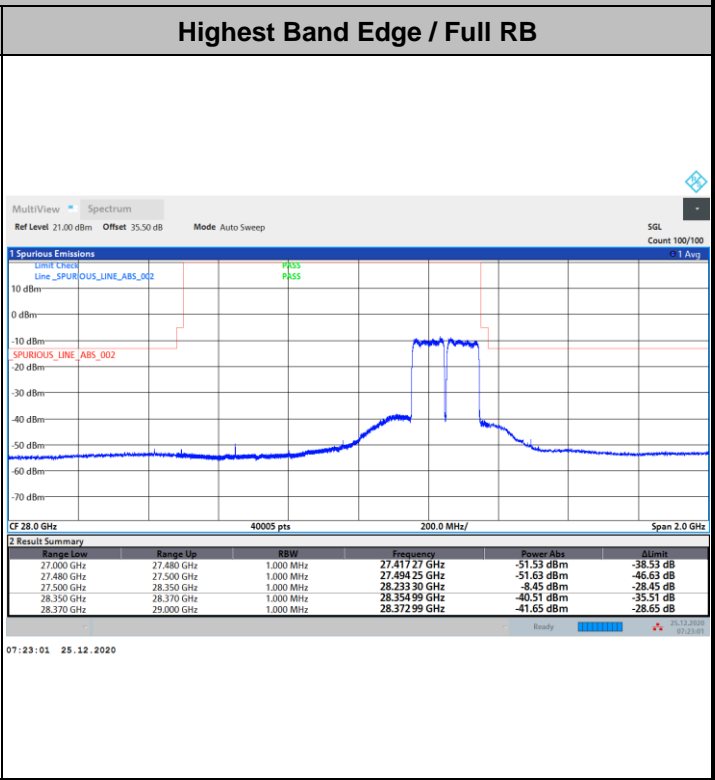
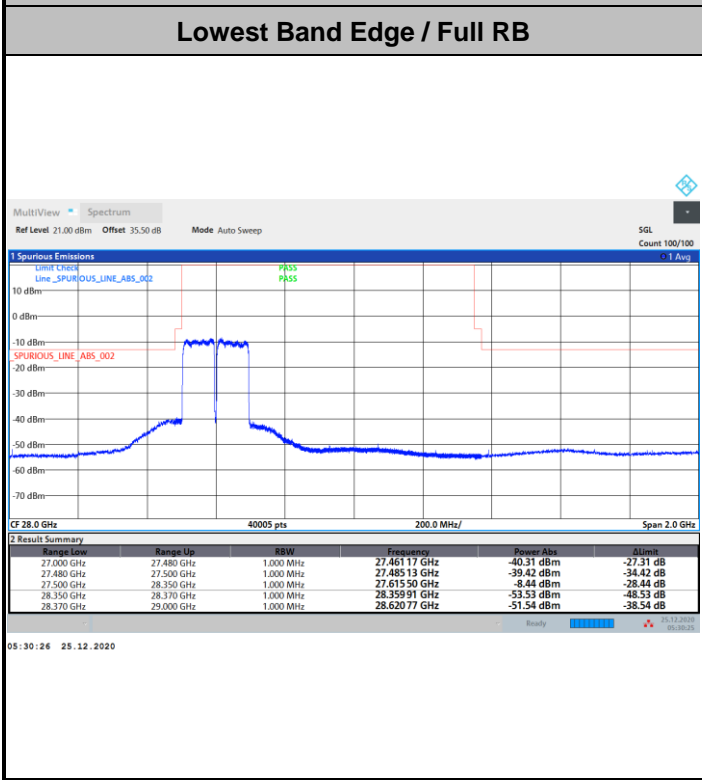
NR Band n261 / 50MHz / QPSK



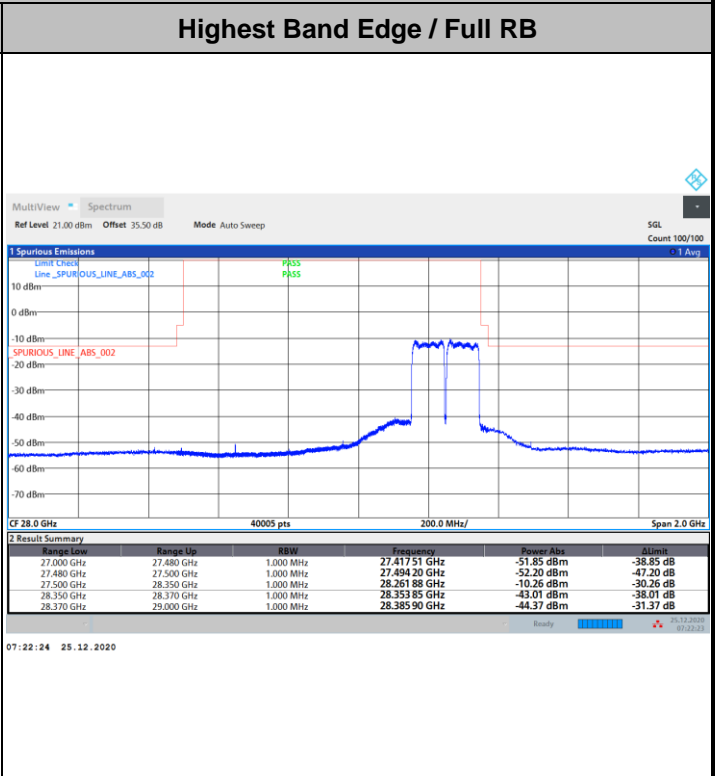
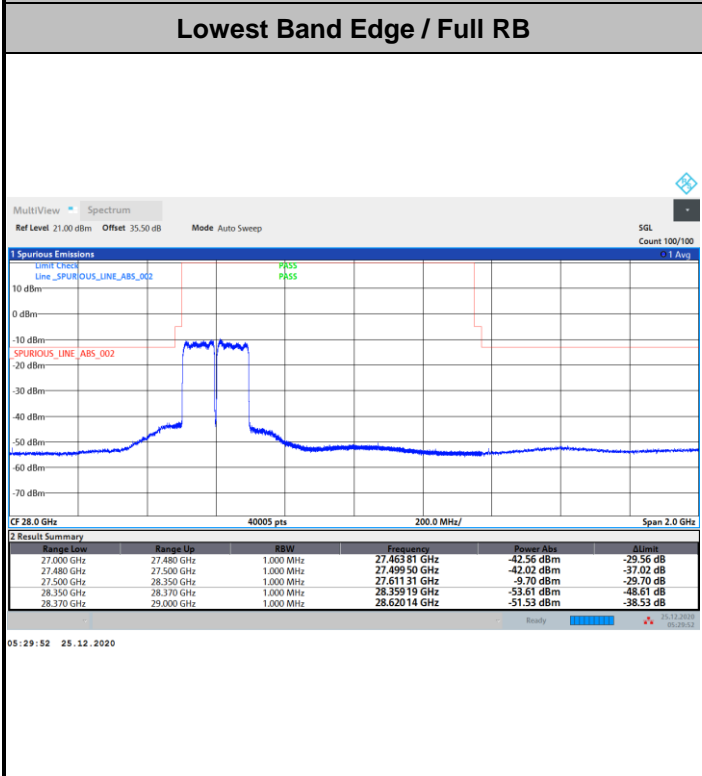


DFT-s-OFDM Module 0

NR Band n261 / 200MHz / 16QAM



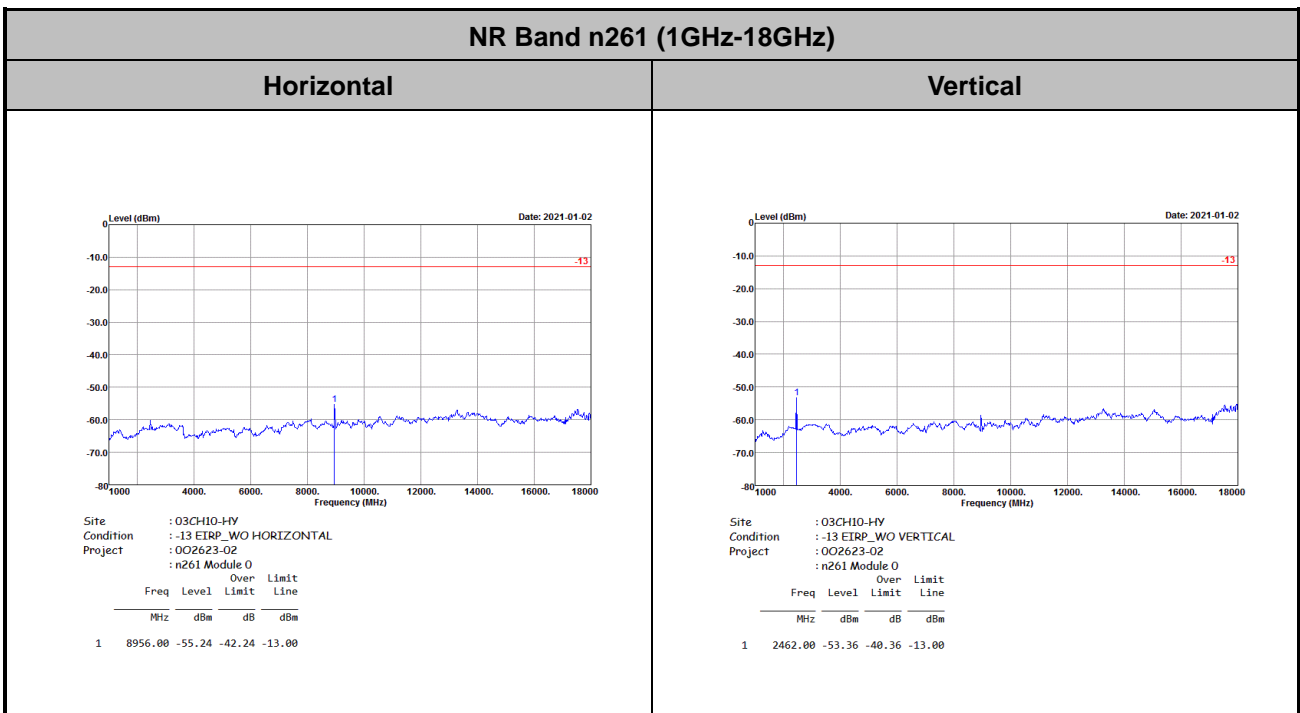
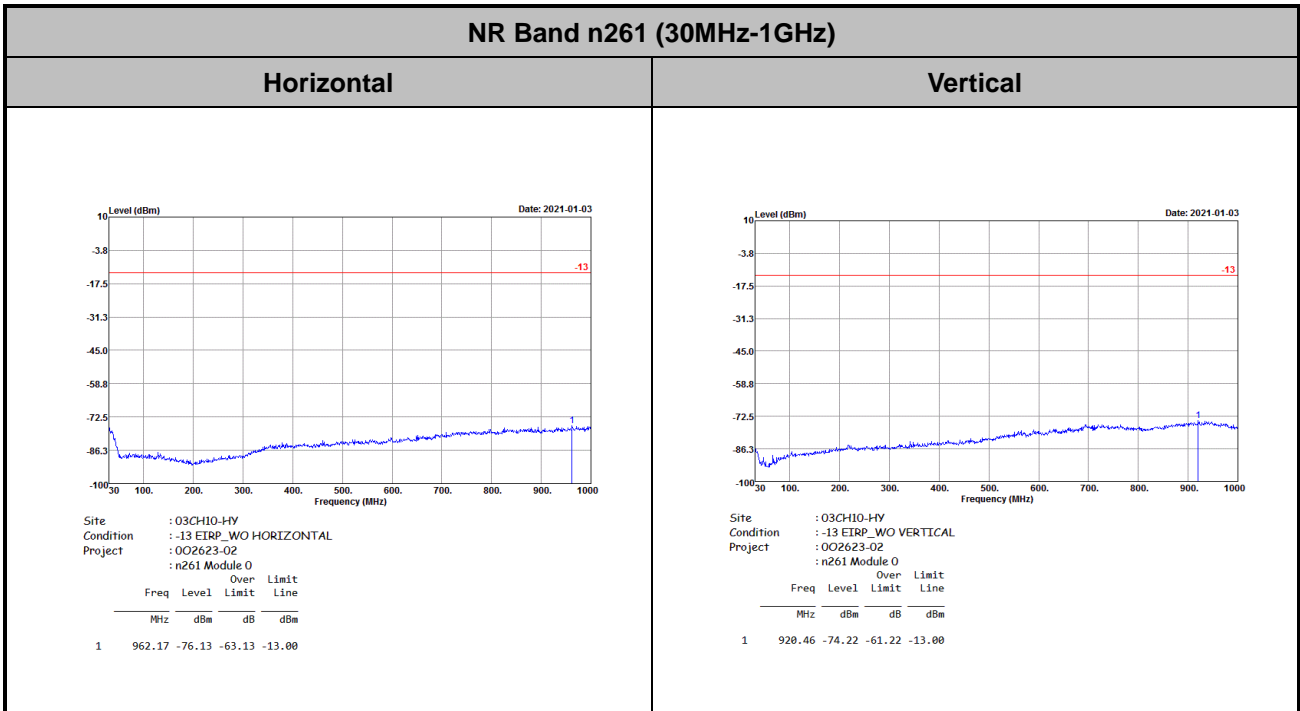
NR Band n261 / 200MHz / 64QAM





Spurious Emission

There is no significant spurious emission signal found for frequency started from 30MHz up to 18GHz. Only the noise floor is reported.



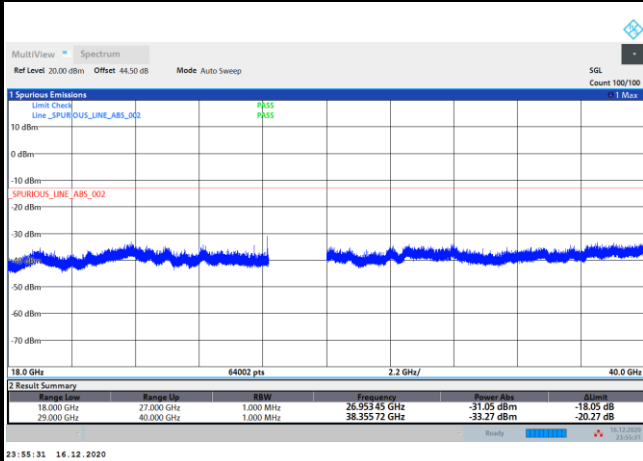


Spurious emission between 18GHz to 40GHz worst case plot is reported as following.

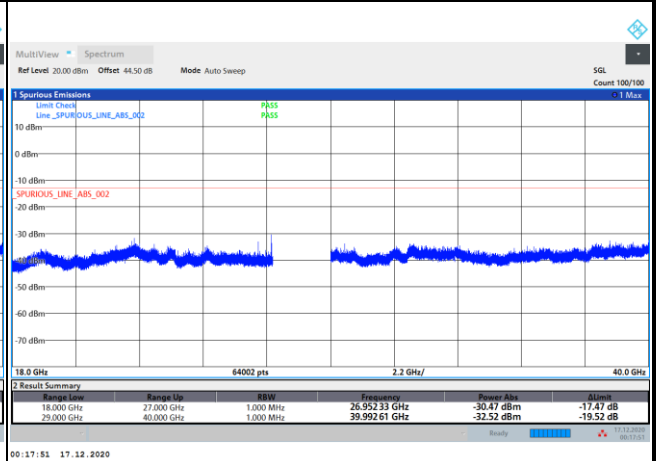
AG0 DFT-s-OFDM Module 0

NR Band n261 BPSK (18-40GHz)

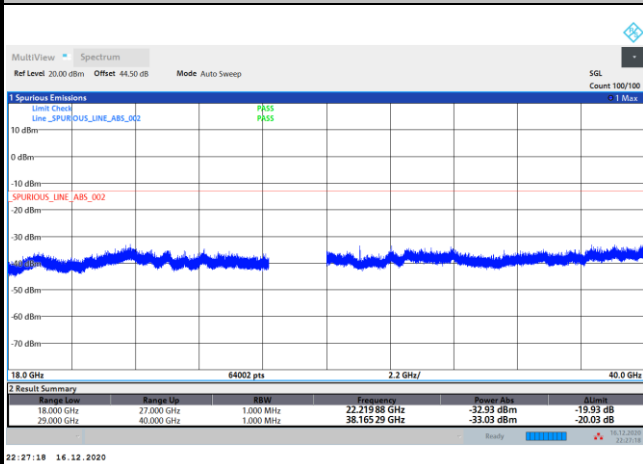
Lowest Channel / 50MHz



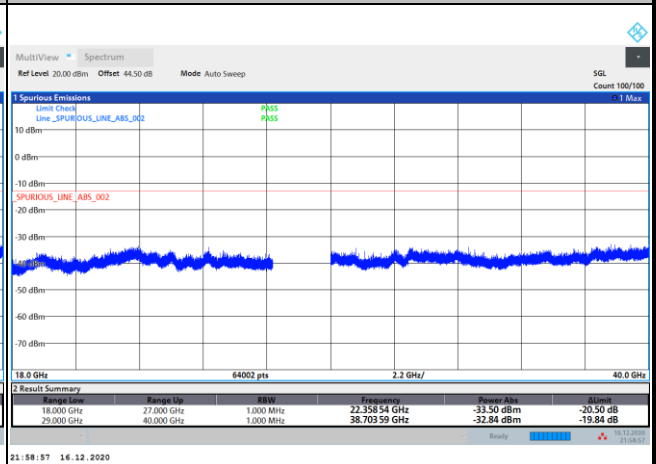
Lowest Channel / 100MHz



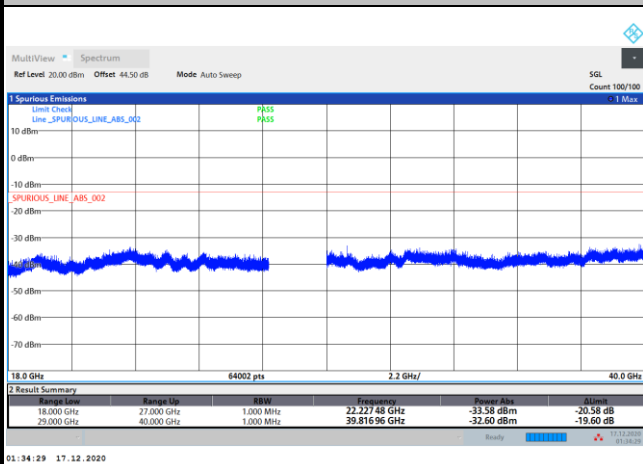
Middle Channel / 50MHz



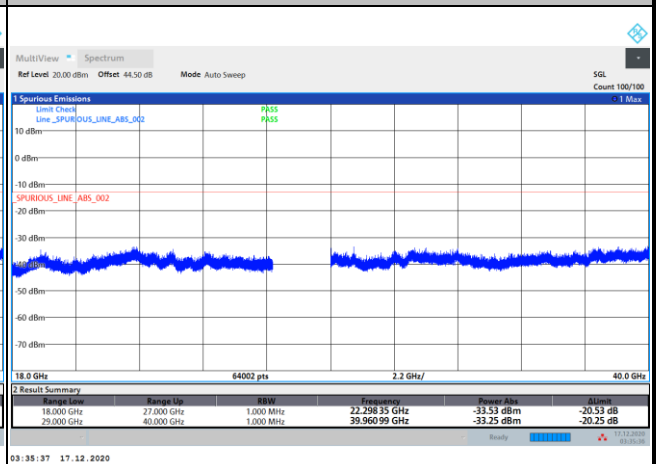
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



Remark: In band and out of band frequencies are omitted.



AG0 DFT-s-OFDM Module 0

| NR Band n261 BPSK (18-40GHz) | | | | | | | | | | | | | | | | | | | |
|--|------------|-----------|---------------|------------|-----------|-------|------------|------------|-----------|---------------|------------|-----------|------------|------------|-----------|---------------|------------|-----------|----------------------------|
| <p>Lowest Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>Δlimb</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>22,195 98 GHz</td> <td>-32.99 dBm</td> <td>-19.99 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>29,500 66 GHz</td> <td>-32.97 dBm</td> <td>-19.97 dB</td> </tr> </tbody> </table> | Range Low | Range Up | RBW | Frequency | Power Abs | Δlimb | 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,195 98 GHz | -32.99 dBm | -19.99 dB | 29,000 GHz | 40,000 GHz | 1,000 MHz | 29,500 66 GHz | -32.97 dBm | -19.97 dB | <p>intentionally blank</p> |
| Range Low | Range Up | RBW | Frequency | Power Abs | Δlimb | | | | | | | | | | | | | | |
| 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,195 98 GHz | -32.99 dBm | -19.99 dB | | | | | | | | | | | | | | |
| 29,000 GHz | 40,000 GHz | 1,000 MHz | 29,500 66 GHz | -32.97 dBm | -19.97 dB | | | | | | | | | | | | | | |
| <p>Middle Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>Δlimb</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>22,210 60 GHz</td> <td>-33.69 dBm</td> <td>-20.69 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>29,519 28 GHz</td> <td>-32.97 dBm</td> <td>-19.97 dB</td> </tr> </tbody> </table> | Range Low | Range Up | RBW | Frequency | Power Abs | Δlimb | 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,210 60 GHz | -33.69 dBm | -20.69 dB | 29,000 GHz | 40,000 GHz | 1,000 MHz | 29,519 28 GHz | -32.97 dBm | -19.97 dB | <p>intentionally blank</p> |
| Range Low | Range Up | RBW | Frequency | Power Abs | Δlimb | | | | | | | | | | | | | | |
| 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,210 60 GHz | -33.69 dBm | -20.69 dB | | | | | | | | | | | | | | |
| 29,000 GHz | 40,000 GHz | 1,000 MHz | 29,519 28 GHz | -32.97 dBm | -19.97 dB | | | | | | | | | | | | | | |
| <p>Highest Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>Δlimb</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>22,081 23 GHz</td> <td>-32.58 dBm</td> <td>-19.58 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>29,030 42 GHz</td> <td>-31.83 dBm</td> <td>-18.83 dB</td> </tr> </tbody> </table> | Range Low | Range Up | RBW | Frequency | Power Abs | Δlimb | 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,081 23 GHz | -32.58 dBm | -19.58 dB | 29,000 GHz | 40,000 GHz | 1,000 MHz | 29,030 42 GHz | -31.83 dBm | -18.83 dB | <p>intentionally blank</p> |
| Range Low | Range Up | RBW | Frequency | Power Abs | Δlimb | | | | | | | | | | | | | | |
| 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,081 23 GHz | -32.58 dBm | -19.58 dB | | | | | | | | | | | | | | |
| 29,000 GHz | 40,000 GHz | 1,000 MHz | 29,030 42 GHz | -31.83 dBm | -18.83 dB | | | | | | | | | | | | | | |

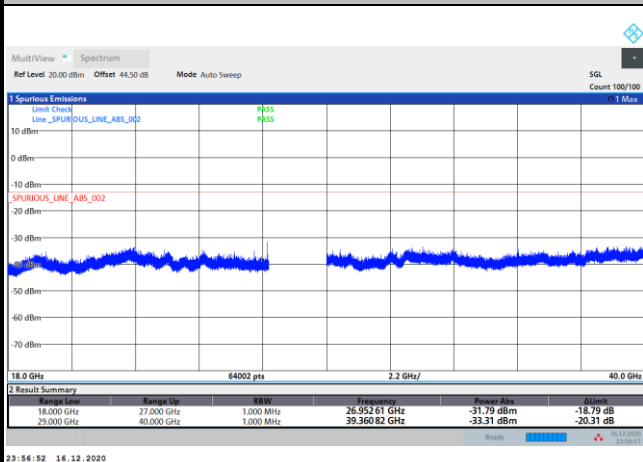
Remark: In band and out of band frequencies are omitted.



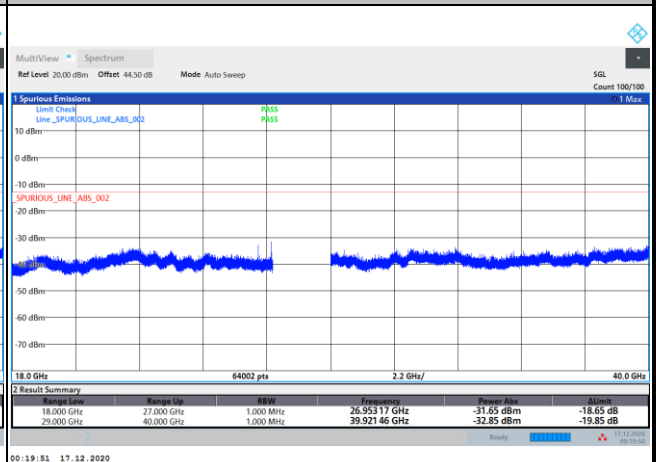
AG0 DFT-s-OFDM Module 0

NR Band n261 QPSK (18-40GHz)

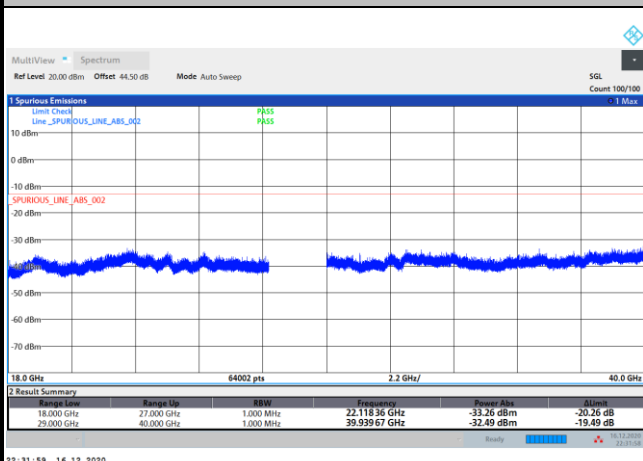
Lowest Channel / 50MHz



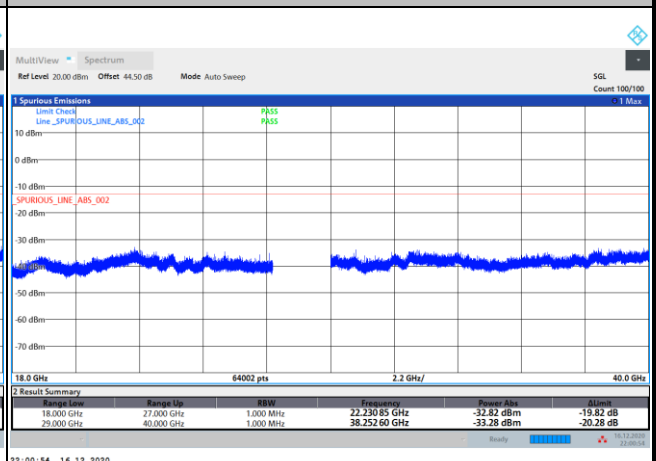
Lowest Channel / 100MHz



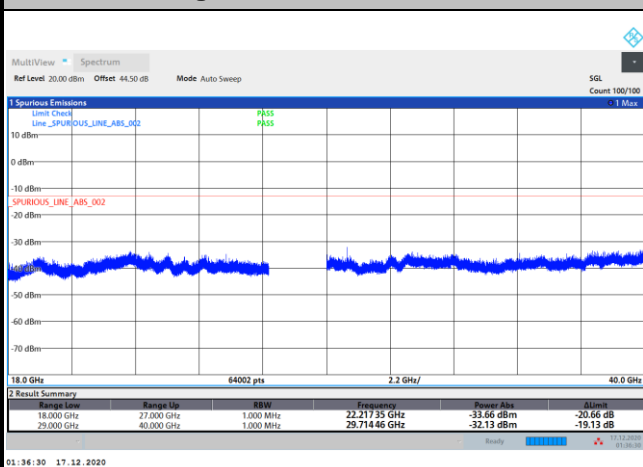
Middle Channel / 50MHz



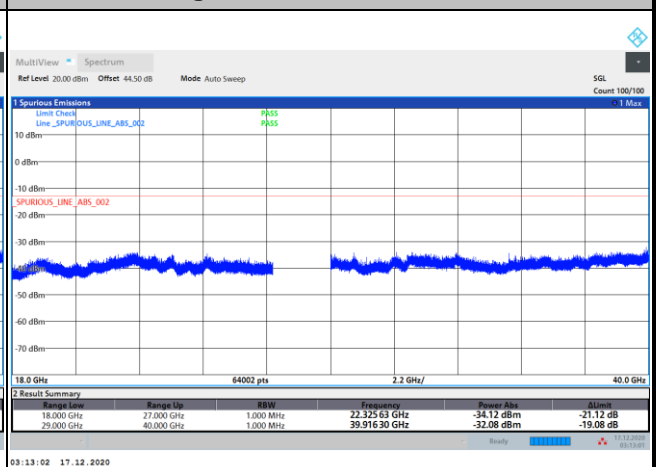
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



Remark: In band and out of band frequencies are omitted.



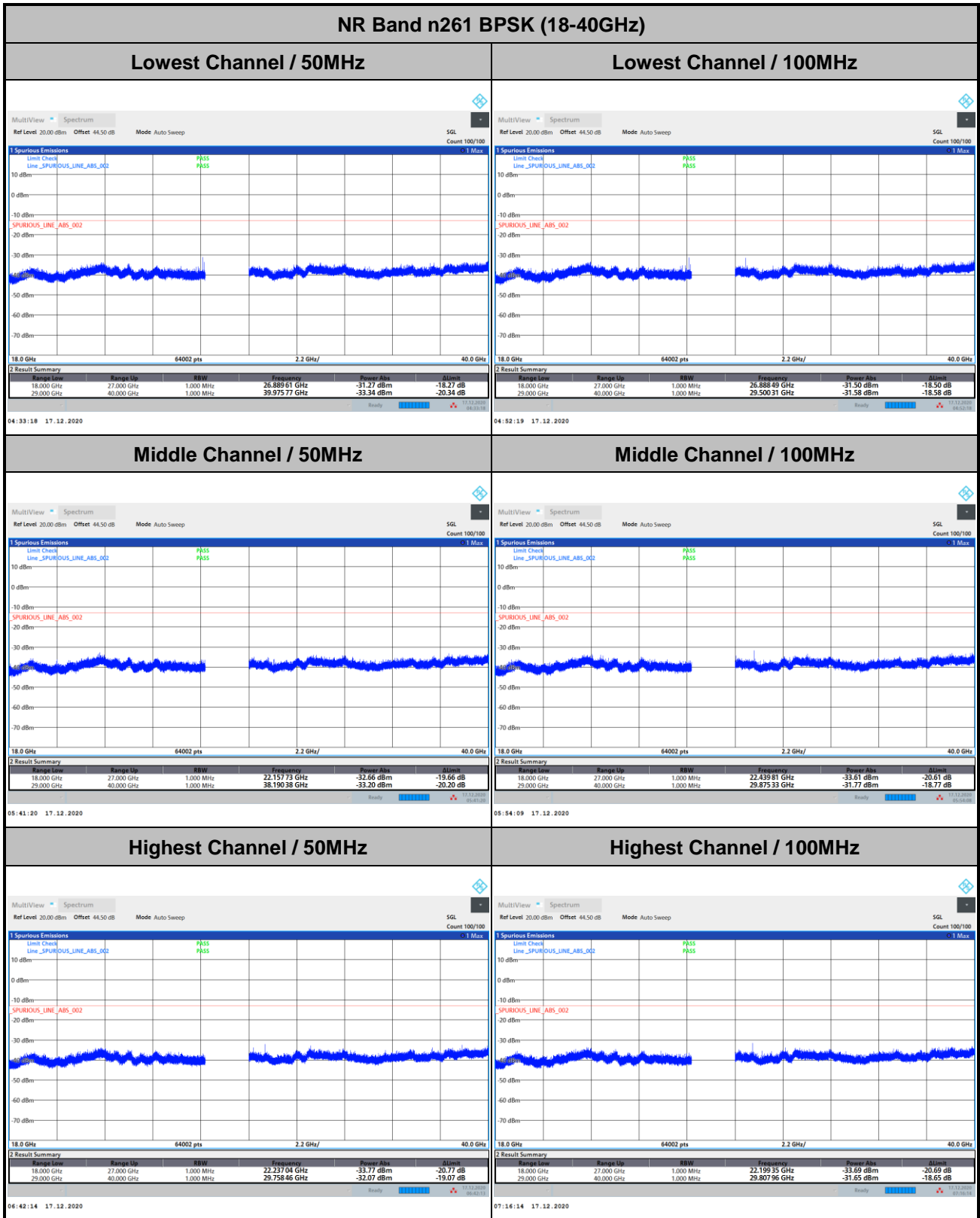
AG0 DFT-s-OFDM Module 0

| NR Band n261 QPSK (18-40GHz) | | | | | | | | | | | | | | | | | | | |
|--|------------|-----------|---------------|------------|-----------|-------|------------|------------|-----------|---------------|------------|-----------|------------|------------|-----------|---------------|------------|-----------|----------------------------|
| <p>Lowest Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>Glimp</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>21,979.99 GHz</td> <td>-33.72 dBm</td> <td>-20.72 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>38,945.92 GHz</td> <td>-33.07 dBm</td> <td>-20.07 dB</td> </tr> </tbody> </table> | Range Low | Range Up | RBW | Frequency | Power Abs | Glimp | 18,000 GHz | 27,000 GHz | 1,000 MHz | 21,979.99 GHz | -33.72 dBm | -20.72 dB | 29,000 GHz | 40,000 GHz | 1,000 MHz | 38,945.92 GHz | -33.07 dBm | -20.07 dB | <p>intentionally blank</p> |
| Range Low | Range Up | RBW | Frequency | Power Abs | Glimp | | | | | | | | | | | | | | |
| 18,000 GHz | 27,000 GHz | 1,000 MHz | 21,979.99 GHz | -33.72 dBm | -20.72 dB | | | | | | | | | | | | | | |
| 29,000 GHz | 40,000 GHz | 1,000 MHz | 38,945.92 GHz | -33.07 dBm | -20.07 dB | | | | | | | | | | | | | | |
| <p>Middle Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>Glimp</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>22,295.25 GHz</td> <td>-33.64 dBm</td> <td>-20.64 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>29,825.15 GHz</td> <td>-32.33 dBm</td> <td>-19.33 dB</td> </tr> </tbody> </table> | Range Low | Range Up | RBW | Frequency | Power Abs | Glimp | 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,295.25 GHz | -33.64 dBm | -20.64 dB | 29,000 GHz | 40,000 GHz | 1,000 MHz | 29,825.15 GHz | -32.33 dBm | -19.33 dB | <p>intentionally blank</p> |
| Range Low | Range Up | RBW | Frequency | Power Abs | Glimp | | | | | | | | | | | | | | |
| 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,295.25 GHz | -33.64 dBm | -20.64 dB | | | | | | | | | | | | | | |
| 29,000 GHz | 40,000 GHz | 1,000 MHz | 29,825.15 GHz | -32.33 dBm | -19.33 dB | | | | | | | | | | | | | | |
| <p>Highest Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>Glimp</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>22,187.82 GHz</td> <td>-33.10 dBm</td> <td>-20.10 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>39,825.21 GHz</td> <td>-32.96 dBm</td> <td>-19.96 dB</td> </tr> </tbody> </table> | Range Low | Range Up | RBW | Frequency | Power Abs | Glimp | 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,187.82 GHz | -33.10 dBm | -20.10 dB | 29,000 GHz | 40,000 GHz | 1,000 MHz | 39,825.21 GHz | -32.96 dBm | -19.96 dB | <p>intentionally blank</p> |
| Range Low | Range Up | RBW | Frequency | Power Abs | Glimp | | | | | | | | | | | | | | |
| 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,187.82 GHz | -33.10 dBm | -20.10 dB | | | | | | | | | | | | | | |
| 29,000 GHz | 40,000 GHz | 1,000 MHz | 39,825.21 GHz | -32.96 dBm | -19.96 dB | | | | | | | | | | | | | | |

Remark: In band and out of band frequencies are omitted.



AG1 DFT-s-OFDM Module 0



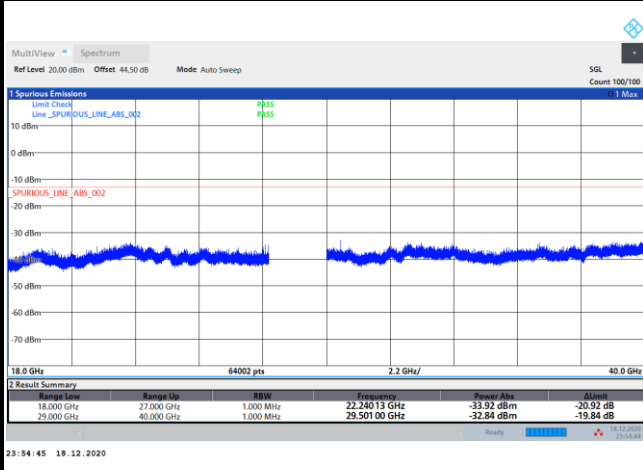
Remark: In band and out of band frequencies are omitted.



AG1 DFT-s-OFDM Module 0

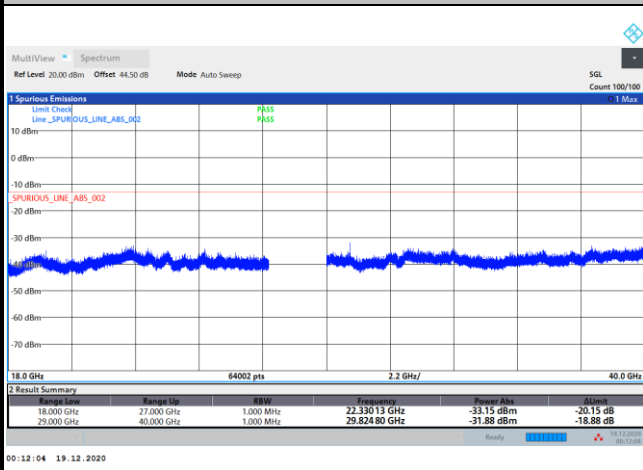
NR Band n261 BPSK (18-40GHz)

Lowest Channel / 200MHz



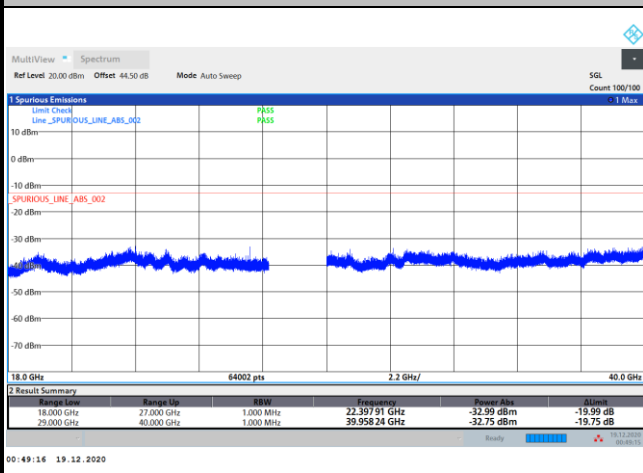
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Middle Channel / 200MHz



intentionally blank

Highest Channel / 200MHz



intentionally blank

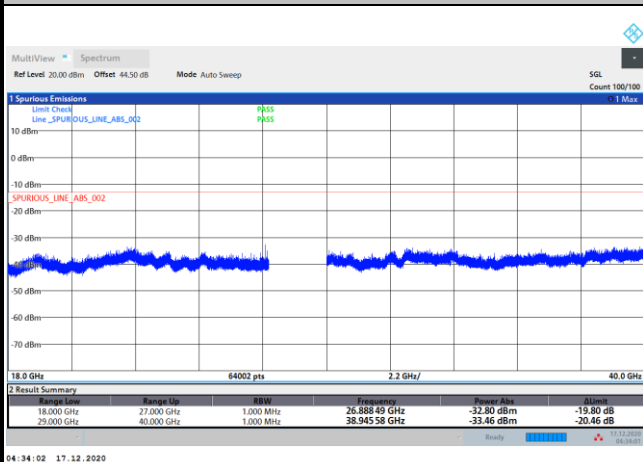
Remark: In band and out of band frequencies are omitted.



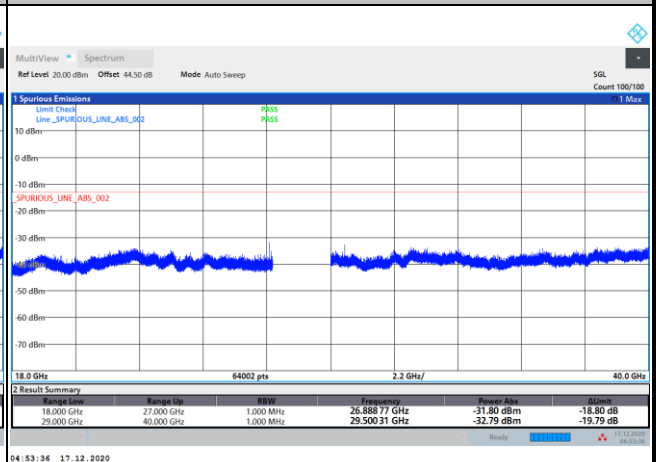
AG1 DFT-s-OFDM Module 0

NR Band n261 QPSK (18-40GHz)

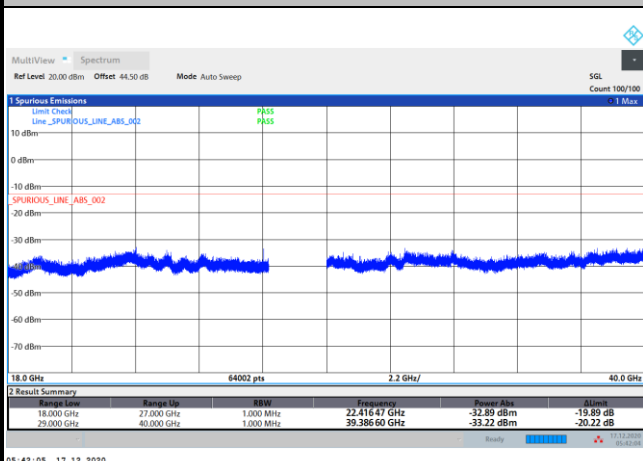
Lowest Channel / 50MHz



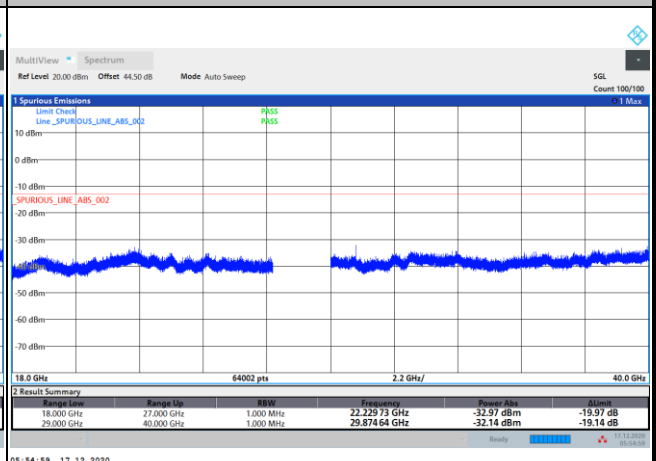
Lowest Channel / 100MHz



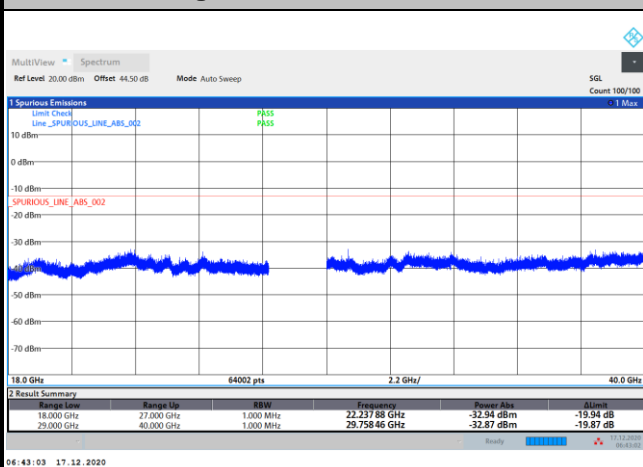
Middle Channel / 50MHz



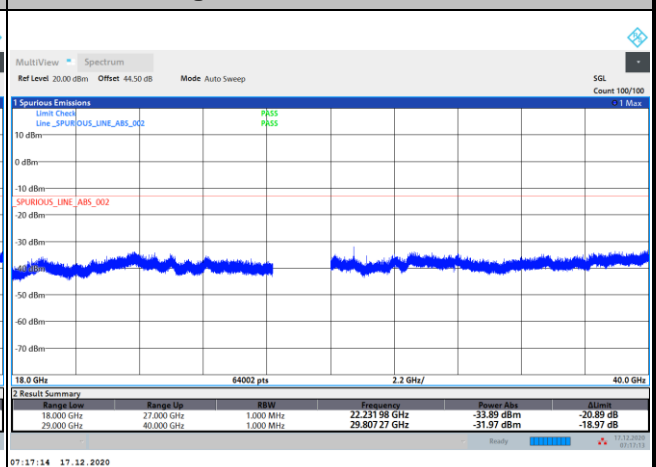
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



Remark: In band and out of band frequencies are omitted.



AG1 DFT-s-OFDM Module 0

| NR Band n261 QPSK (18-40GHz) | | | | | | | | | | | | | | | | | | | |
|--|------------|-----------|---------------|------------|------------|-------|------------|------------|-----------|---------------|------------|-----------|------------|------------|-----------|---------------|------------|-----------|----------------------------|
| <p>Lowest Channel / 200MHz</p> <p>MultiView Spectrum Ref Level 20.00 dBm Offset 44.50 dB Mode Auto Sweep SGL Count 100/100</p> <p>Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS SPURIOUS_LINE_ABS_002</p> <p>18.0 GHz 64002 pts 2.2 GHz/ 40.0 GHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs.</th> <th>Limit</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>22,224 66 GHz</td> <td>-33.18 dBm</td> <td>-20.18 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>39,446 75 GHz</td> <td>-33.16 dBm</td> <td>-20.16 dB</td> </tr> </tbody> </table> <p>23:53:29 18.12.2020</p> | Range Low | Range Up | RBW | Frequency | Power Abs. | Limit | 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,224 66 GHz | -33.18 dBm | -20.18 dB | 29,000 GHz | 40,000 GHz | 1,000 MHz | 39,446 75 GHz | -33.16 dBm | -20.16 dB | <p>intentionally blank</p> |
| Range Low | Range Up | RBW | Frequency | Power Abs. | Limit | | | | | | | | | | | | | | |
| 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,224 66 GHz | -33.18 dBm | -20.18 dB | | | | | | | | | | | | | | |
| 29,000 GHz | 40,000 GHz | 1,000 MHz | 39,446 75 GHz | -33.16 dBm | -20.16 dB | | | | | | | | | | | | | | |
| <p>Middle Channel / 200MHz</p> <p>MultiView Spectrum Ref Level 20.00 dBm Offset 44.50 dB Mode Auto Sweep SGL Count 100/100</p> <p>Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS SPURIOUS_LINE_ABS_002</p> <p>18.0 GHz 64002 pts 2.2 GHz/ 40.0 GHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs.</th> <th>Limit</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>22,173 75 GHz</td> <td>-33.15 dBm</td> <td>-20.15 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>29,825 49 GHz</td> <td>-32.39 dBm</td> <td>-19.39 dB</td> </tr> </tbody> </table> <p>00:14:52 19.12.2020</p> | Range Low | Range Up | RBW | Frequency | Power Abs. | Limit | 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,173 75 GHz | -33.15 dBm | -20.15 dB | 29,000 GHz | 40,000 GHz | 1,000 MHz | 29,825 49 GHz | -32.39 dBm | -19.39 dB | <p>intentionally blank</p> |
| Range Low | Range Up | RBW | Frequency | Power Abs. | Limit | | | | | | | | | | | | | | |
| 18,000 GHz | 27,000 GHz | 1,000 MHz | 22,173 75 GHz | -33.15 dBm | -20.15 dB | | | | | | | | | | | | | | |
| 29,000 GHz | 40,000 GHz | 1,000 MHz | 29,825 49 GHz | -32.39 dBm | -19.39 dB | | | | | | | | | | | | | | |
| <p>Highest Channel / 200MHz</p> <p>MultiView Spectrum Ref Level 20.00 dBm Offset 44.50 dB Mode Auto Sweep SGL Count 100/100</p> <p>Spurious Emissions Limit Check Line_SPURIOUS_LINE_ABS_002 PASS SPURIOUS_LINE_ABS_002</p> <p>18.0 GHz 64002 pts 2.2 GHz/ 40.0 GHz</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs.</th> <th>Limit</th> </tr> </thead> <tbody> <tr> <td>18,000 GHz</td> <td>27,000 GHz</td> <td>1,000 MHz</td> <td>26,349 07 GHz</td> <td>-33.47 dBm</td> <td>-20.47 dB</td> </tr> <tr> <td>29,000 GHz</td> <td>40,000 GHz</td> <td>1,000 MHz</td> <td>39,782 58 GHz</td> <td>-32.92 dBm</td> <td>-19.92 dB</td> </tr> </tbody> </table> <p>00:50:32 19.12.2020</p> | Range Low | Range Up | RBW | Frequency | Power Abs. | Limit | 18,000 GHz | 27,000 GHz | 1,000 MHz | 26,349 07 GHz | -33.47 dBm | -20.47 dB | 29,000 GHz | 40,000 GHz | 1,000 MHz | 39,782 58 GHz | -32.92 dBm | -19.92 dB | <p>intentionally blank</p> |
| Range Low | Range Up | RBW | Frequency | Power Abs. | Limit | | | | | | | | | | | | | | |
| 18,000 GHz | 27,000 GHz | 1,000 MHz | 26,349 07 GHz | -33.47 dBm | -20.47 dB | | | | | | | | | | | | | | |
| 29,000 GHz | 40,000 GHz | 1,000 MHz | 39,782 58 GHz | -32.92 dBm | -19.92 dB | | | | | | | | | | | | | | |

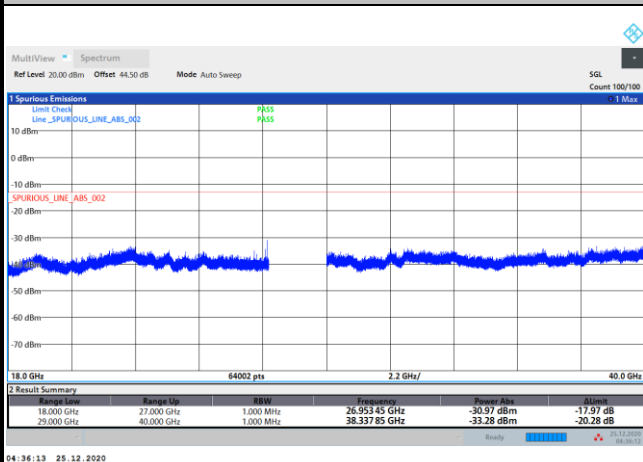
Remark: In band and out of band frequencies are omitted.



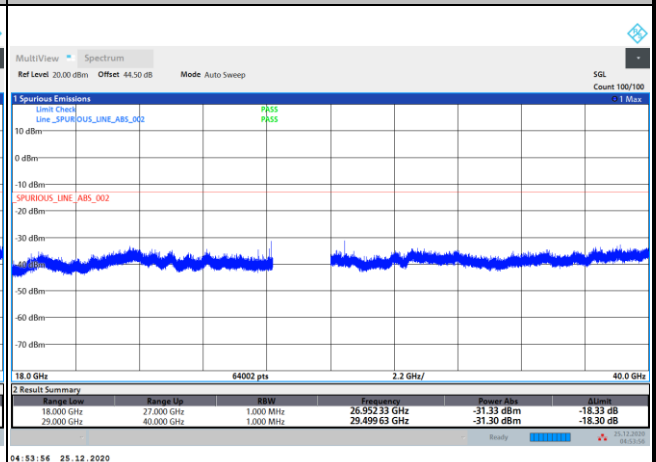
AG0+1 DFT-s-OFDM Module 0

NR Band n261 BPSK (18-40GHz)

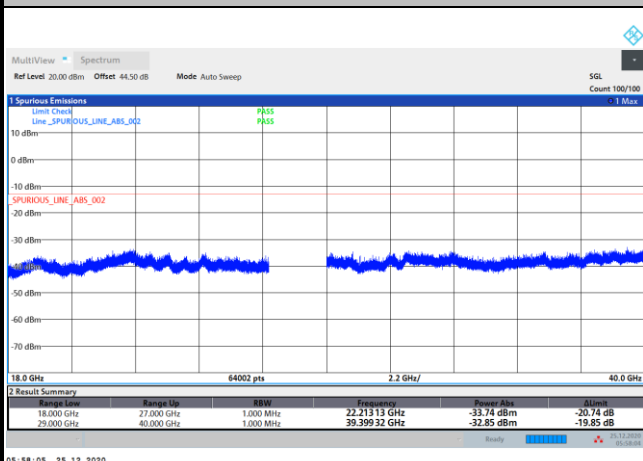
Lowest Channel / 50MHz



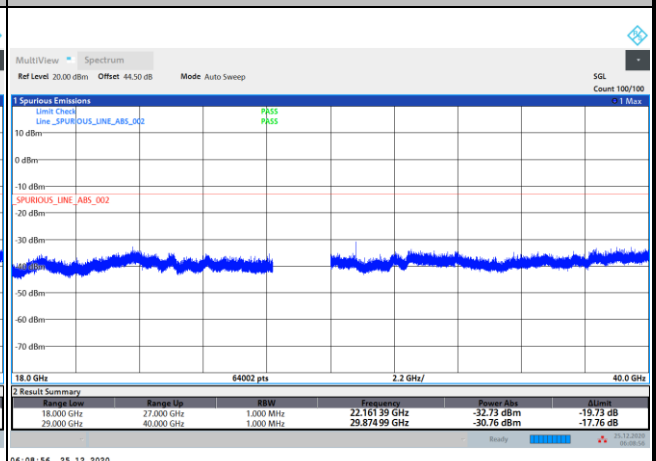
Lowest Channel / 100MHz



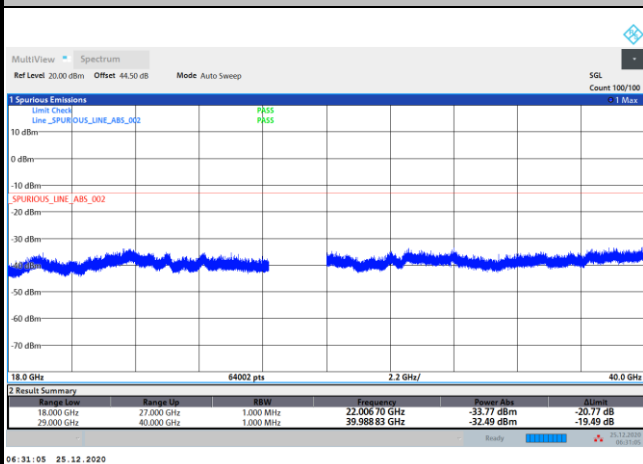
Middle Channel / 50MHz



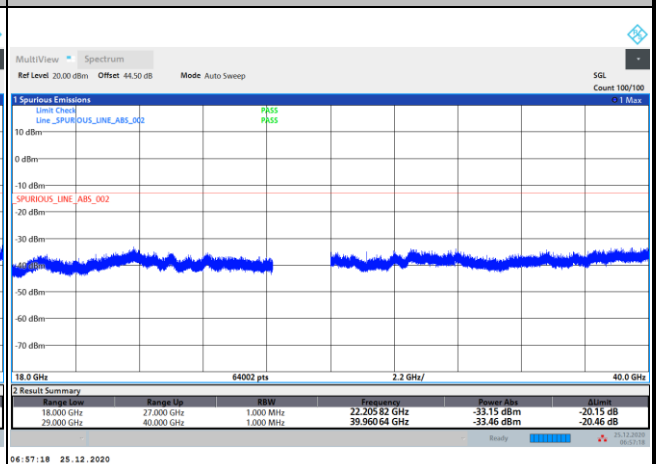
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



Remark: In band and out of band frequencies are omitted.



AG0+1 DFT-s-OFDM Module 0

| NR Band n261 BPSK (18-40GHz) | | | | | | | | | | | | | |
|--|-----------------------|---------------|------------|--------|---|-----------------------|---------|------------|---|-----------------------|---------|------------|----------------------------|
| <p>Lowest Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Line</th> <th>Spurious Line</th> <th>Limit</th> <th>Actual</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>SPURIOUS_LINE_ABS_002</td> <td>-10 dBm</td> <td>-32.56 dBm</td> </tr> <tr> <td>2</td> <td>SPURIOUS_LINE_ABS_002</td> <td>-10 dBm</td> <td>-31.59 dBm</td> </tr> </tbody> </table> <p>06:35:03 25.12.2020</p> | Line | Spurious Line | Limit | Actual | 1 | SPURIOUS_LINE_ABS_002 | -10 dBm | -32.56 dBm | 2 | SPURIOUS_LINE_ABS_002 | -10 dBm | -31.59 dBm | <p>intentionally blank</p> |
| Line | Spurious Line | Limit | Actual | | | | | | | | | | |
| 1 | SPURIOUS_LINE_ABS_002 | -10 dBm | -32.56 dBm | | | | | | | | | | |
| 2 | SPURIOUS_LINE_ABS_002 | -10 dBm | -31.59 dBm | | | | | | | | | | |
| <p>Middle Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Line</th> <th>Spurious Line</th> <th>Limit</th> <th>Actual</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>SPURIOUS_LINE_ABS_002</td> <td>-10 dBm</td> <td>-33.34 dBm</td> </tr> <tr> <td>2</td> <td>SPURIOUS_LINE_ABS_002</td> <td>-10 dBm</td> <td>-31.88 dBm</td> </tr> </tbody> </table> <p>06:21:18 25.12.2020</p> | Line | Spurious Line | Limit | Actual | 1 | SPURIOUS_LINE_ABS_002 | -10 dBm | -33.34 dBm | 2 | SPURIOUS_LINE_ABS_002 | -10 dBm | -31.88 dBm | <p>intentionally blank</p> |
| Line | Spurious Line | Limit | Actual | | | | | | | | | | |
| 1 | SPURIOUS_LINE_ABS_002 | -10 dBm | -33.34 dBm | | | | | | | | | | |
| 2 | SPURIOUS_LINE_ABS_002 | -10 dBm | -31.88 dBm | | | | | | | | | | |
| <p>Highest Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Line</th> <th>Spurious Line</th> <th>Limit</th> <th>Actual</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>SPURIOUS_LINE_ABS_002</td> <td>-10 dBm</td> <td>-33.90 dBm</td> </tr> <tr> <td>2</td> <td>SPURIOUS_LINE_ABS_002</td> <td>-10 dBm</td> <td>-33.04 dBm</td> </tr> </tbody> </table> <p>07:15:13 25.12.2020</p> | Line | Spurious Line | Limit | Actual | 1 | SPURIOUS_LINE_ABS_002 | -10 dBm | -33.90 dBm | 2 | SPURIOUS_LINE_ABS_002 | -10 dBm | -33.04 dBm | <p>intentionally blank</p> |
| Line | Spurious Line | Limit | Actual | | | | | | | | | | |
| 1 | SPURIOUS_LINE_ABS_002 | -10 dBm | -33.90 dBm | | | | | | | | | | |
| 2 | SPURIOUS_LINE_ABS_002 | -10 dBm | -33.04 dBm | | | | | | | | | | |

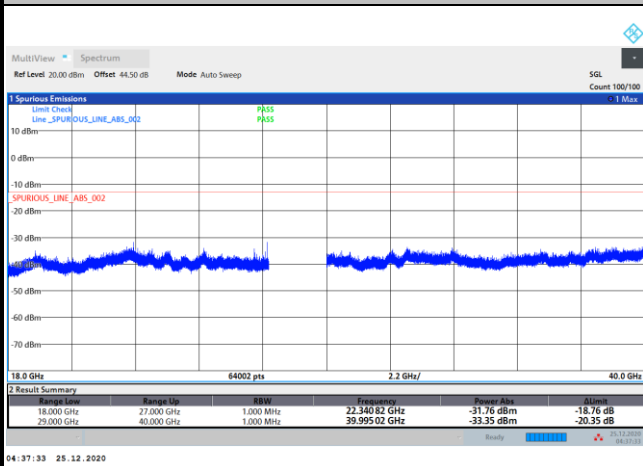
Remark: In band and out of band frequencies are omitted.



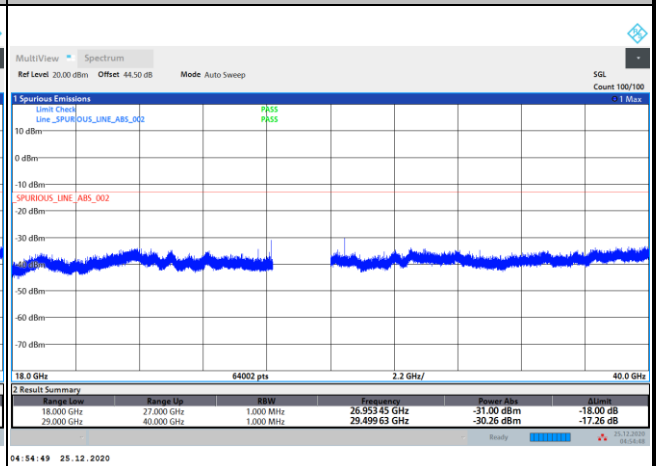
AG0+1 DFT-s-OFDM Module 0

NR Band n261 QPSK (18-40GHz)

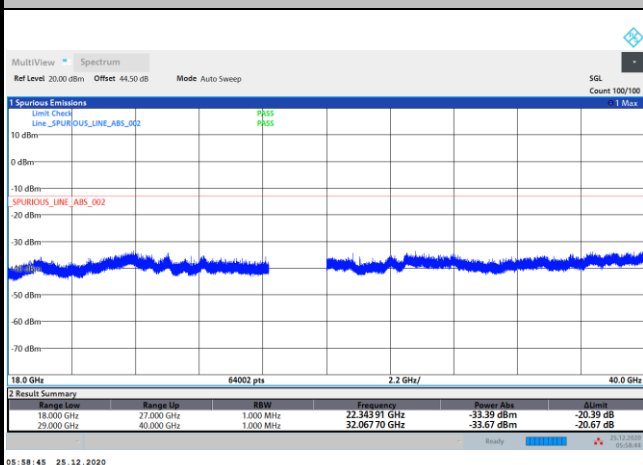
Lowest Channel / 50MHz



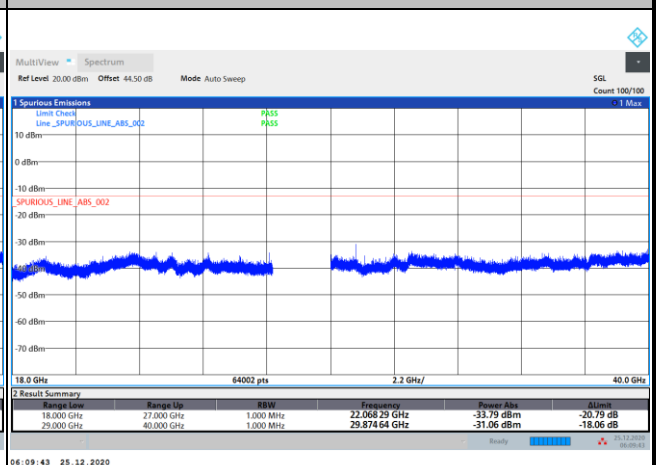
Lowest Channel / 100MHz



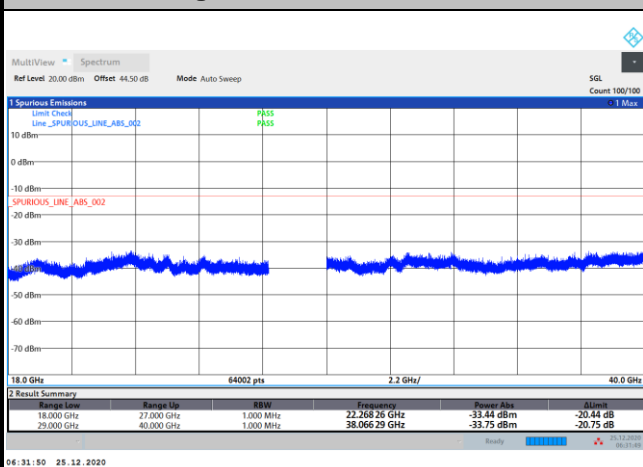
Middle Channel / 50MHz



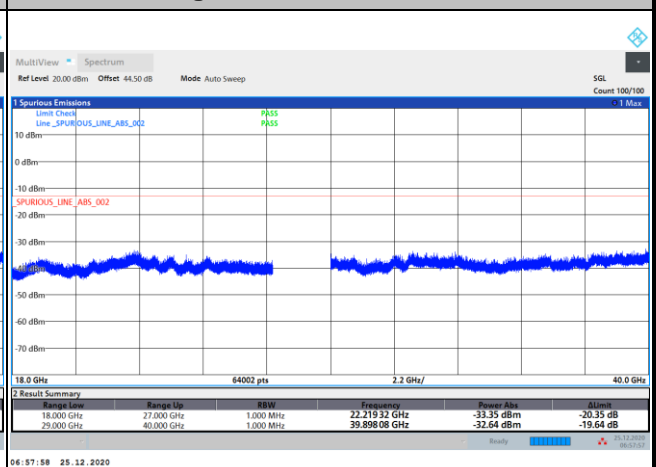
Middle Channel / 100MHz



Highest Channel / 50MHz



Highest Channel / 100MHz



Remark: In band and out of band frequencies are omitted.



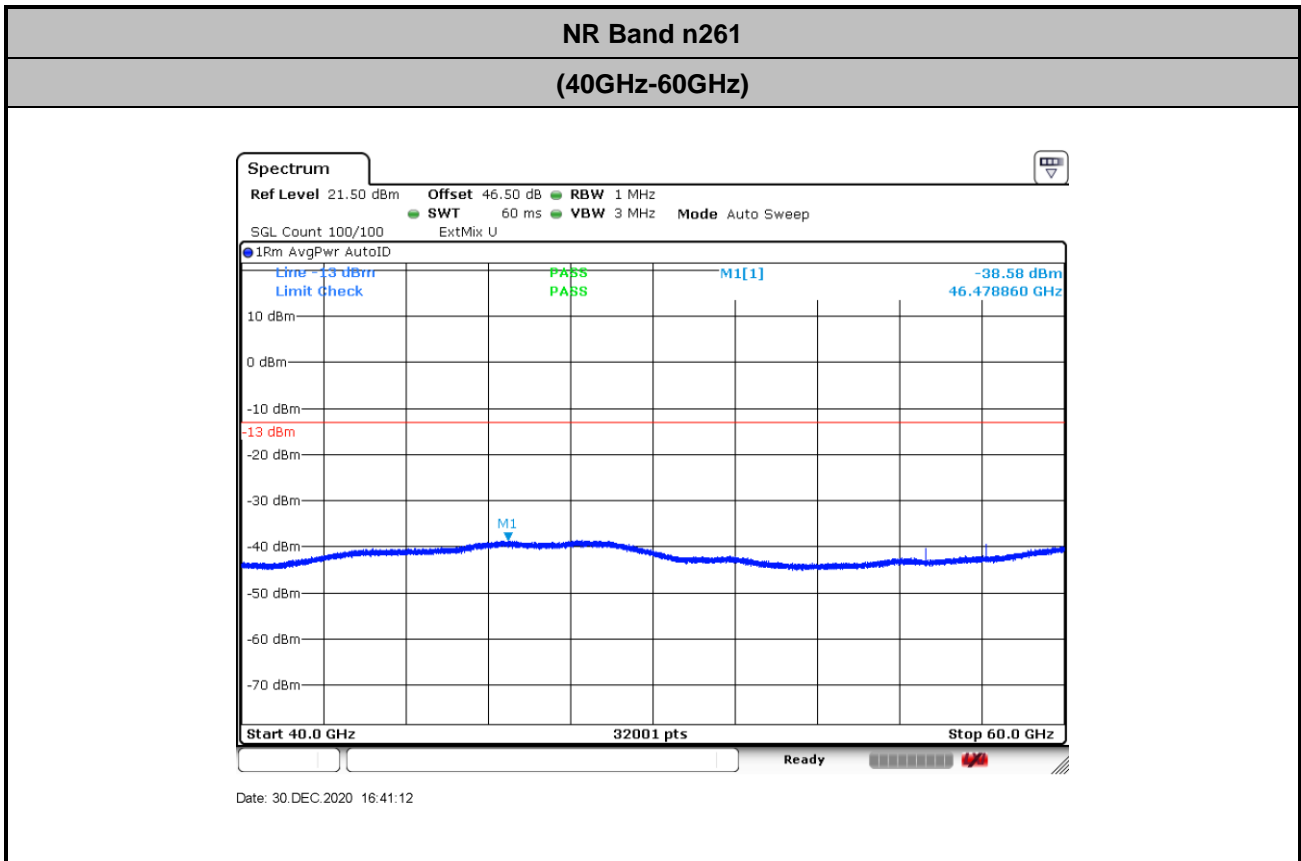
AG0+1 DFT-s-OFDM Module 0

| NR Band n261 QPSK (18-40GHz) | | | | | | | | | | | | | |
|---|--------|------------|--------|--------|----------------------------|--------|------------|------|-----------------------|--------|------------|------|----------------------------|
| <p>Lowest Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Line</th> <th>Limit</th> <th>Value</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>Line_SPURIOUS_LINE_ABS_002</td> <td>10 dBm</td> <td>-32.94 dBm</td> <td>PASS</td> </tr> <tr> <td>SPURIOUS_LINE_ABS_002</td> <td>20 dBm</td> <td>-31.77 dBm</td> <td>PASS</td> </tr> </tbody> </table> <p>05:18:25 25.12.2020</p> | Line | Limit | Value | Status | Line_SPURIOUS_LINE_ABS_002 | 10 dBm | -32.94 dBm | PASS | SPURIOUS_LINE_ABS_002 | 20 dBm | -31.77 dBm | PASS | <p>intentionally blank</p> |
| Line | Limit | Value | Status | | | | | | | | | | |
| Line_SPURIOUS_LINE_ABS_002 | 10 dBm | -32.94 dBm | PASS | | | | | | | | | | |
| SPURIOUS_LINE_ABS_002 | 20 dBm | -31.77 dBm | PASS | | | | | | | | | | |
| <p>Middle Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Line</th> <th>Limit</th> <th>Value</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>Line_SPURIOUS_LINE_ABS_002</td> <td>10 dBm</td> <td>-32.22 dBm</td> <td>PASS</td> </tr> <tr> <td>SPURIOUS_LINE_ABS_002</td> <td>20 dBm</td> <td>-31.60 dBm</td> <td>PASS</td> </tr> </tbody> </table> <p>04:22:15 25.12.2020</p> | Line | Limit | Value | Status | Line_SPURIOUS_LINE_ABS_002 | 10 dBm | -32.22 dBm | PASS | SPURIOUS_LINE_ABS_002 | 20 dBm | -31.60 dBm | PASS | <p>intentionally blank</p> |
| Line | Limit | Value | Status | | | | | | | | | | |
| Line_SPURIOUS_LINE_ABS_002 | 10 dBm | -32.22 dBm | PASS | | | | | | | | | | |
| SPURIOUS_LINE_ABS_002 | 20 dBm | -31.60 dBm | PASS | | | | | | | | | | |
| <p>Highest Channel / 200MHz</p> <table border="1"> <thead> <tr> <th>Line</th> <th>Limit</th> <th>Value</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>Line_SPURIOUS_LINE_ABS_002</td> <td>10 dBm</td> <td>-33.81 dBm</td> <td>PASS</td> </tr> <tr> <td>SPURIOUS_LINE_ABS_002</td> <td>20 dBm</td> <td>-32.82 dBm</td> <td>PASS</td> </tr> </tbody> </table> <p>07:16:01 25.12.2020</p> | Line | Limit | Value | Status | Line_SPURIOUS_LINE_ABS_002 | 10 dBm | -33.81 dBm | PASS | SPURIOUS_LINE_ABS_002 | 20 dBm | -32.82 dBm | PASS | <p>intentionally blank</p> |
| Line | Limit | Value | Status | | | | | | | | | | |
| Line_SPURIOUS_LINE_ABS_002 | 10 dBm | -33.81 dBm | PASS | | | | | | | | | | |
| SPURIOUS_LINE_ABS_002 | 20 dBm | -32.82 dBm | PASS | | | | | | | | | | |

Remark: In band and out of band frequencies are omitted.



There is no significant spurious emission signal found for frequency started from 40GHz up to 100GHz. Only the noise floor is reported.

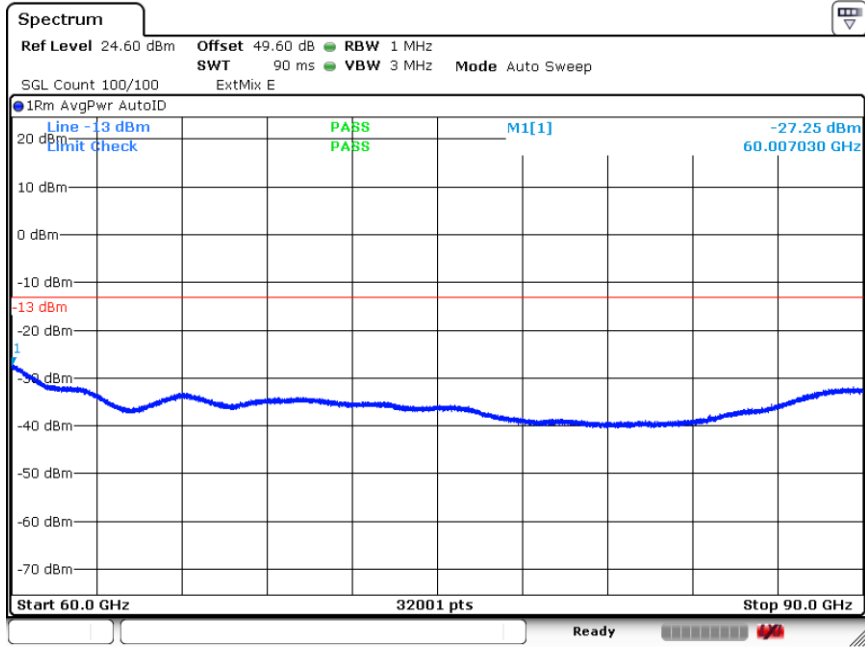


Remark: Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8
= 42.3 + 2 + 107 + 20log(1) – 104.8 = 46.5 (dB)



NR Band n261

(60GHz-90GHz)



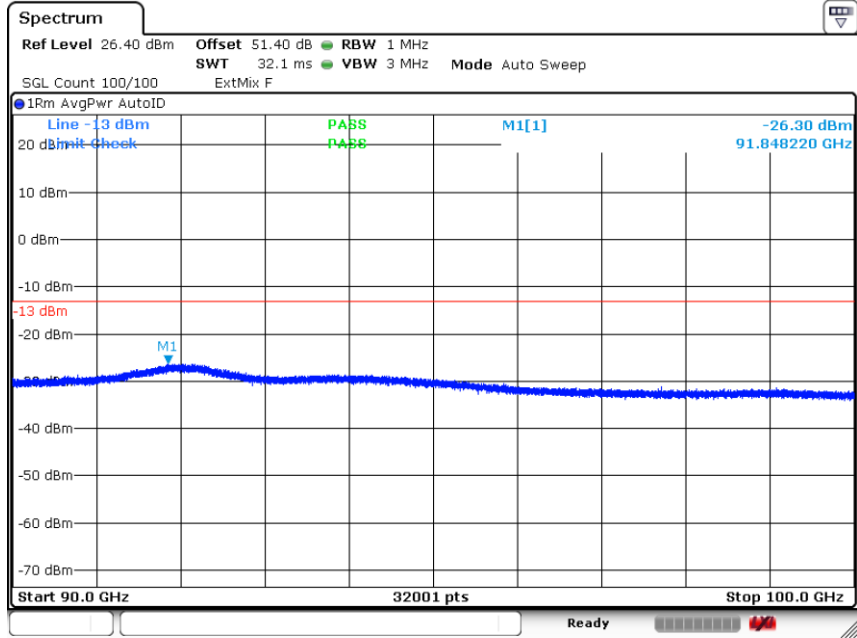
Date: 30.DEC.2020 17:14:08

Remark: Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8
 = 45.4 + 2 + 107 + 20log(1) – 104.8 = 49.6 (dB)



NR Band n261

(90GHz-100GHz)



Date: 30.DEC.2020 17:29:32

Remark: Offset = Antenna Factor (dB/m) + Cable Loss (dB) + 107 + 20log (D) – 104.8
= 47.2 + 2 + 107 + 20log(1) – 104.8 = 51.4 (dB)



Frequency Stability

| Test Conditions | | NR Band n261 / Middle Channel | | | Limit |
|------------------|-------------------|-------------------------------|-----------------|-----------------|---------|
| Temperature (°C) | Voltage (Volt) | CW tone | | | Note 2. |
| | | Frequency (GHz) | Deviation (kHz) | Deviation (ppm) | Result |
| 50 | Normal Voltage | 27.92507892 | -78.420 | 2.808 | Pass |
| 40 | Normal Voltage | 27.92505544 | -54.940 | 1.967 | |
| 30 | Normal Voltage | 27.92503896 | -38.460 | 1.377 | |
| 20(Ref.) | Normal Voltage | 27.9250005 | 0.000 | 0.000 | |
| 10 | Normal Voltage | 27.92497453 | 25.970 | 0.930 | |
| 0 | Normal Voltage | 27.92495005 | 50.450 | 1.807 | |
| -10 | Normal Voltage | 27.92493157 | 68.930 | 2.468 | |
| -20 | Normal Voltage | 27.92490859 | 91.910 | 3.291 | |
| -30 | Normal Voltage | 27.92488412 | 116.380 | 4.168 | |
| 20 | Maximum Voltage | 27.92501149 | -10.990 | 0.394 | |
| 20 | Normal Voltage | 27.925004 | -3.500 | 0.125 | |
| 20 | Battery End Point | 27.92498601 | 14.490 | 0.519 | |

Note:

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.9 V.
2. The frequency fundamental emissions stay within the operation band.



NR Band n261 Module 1

Occupied Bandwidth

AG0

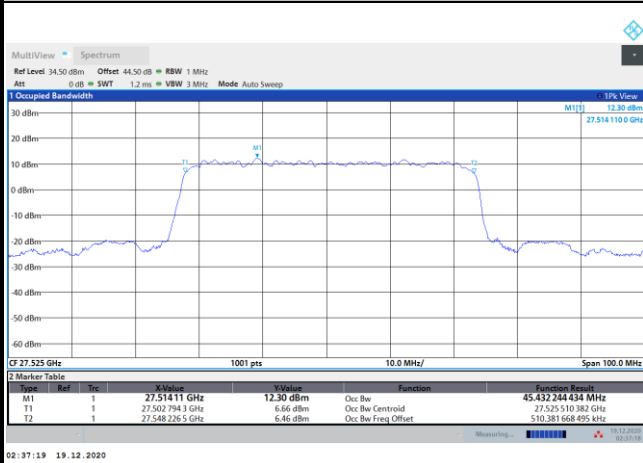
| Mode | DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|--|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|--------|
| BW | 50MHz | | | | 100MHz | | | | 200MHz | | | |
| Mod. | BPSK | QPSK | 16QAM | 64QAM | BPSK | QPSK | 16QAM | 64QAM | BPSK | QPSK | 16QAM | 64QAM |
| Lowest CH | 45.43 | 45.55 | 45.28 | 45.39 | 90.48 | 90.78 | 90.33 | 90.65 | 188.83 | 188.63 | 188.13 | 188.65 |
| Middle CH | 45.43 | 45.76 | 45.56 | 45.18 | 90.55 | 90.72 | 90.34 | 90.65 | 188.34 | 188.19 | 187.56 | 188.12 |
| Highest CH | 45.41 | 45.70 | 45.53 | 45.17 | 90.44 | 90.55 | 90.19 | 90.59 | 188.27 | 188.95 | 188.83 | 188.10 |



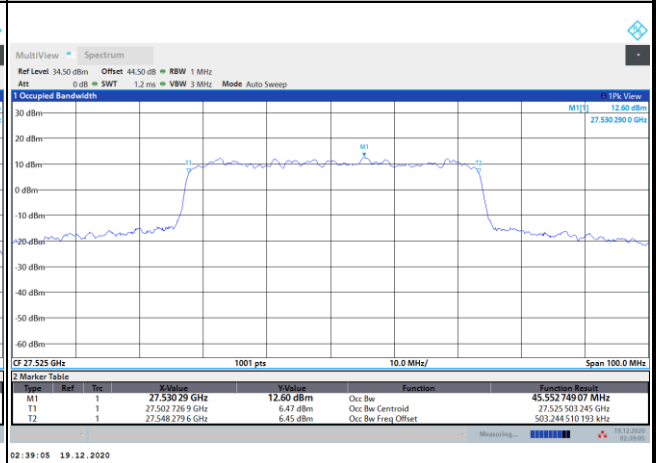
DFT-s-OFDM Module 1

NR Band n261

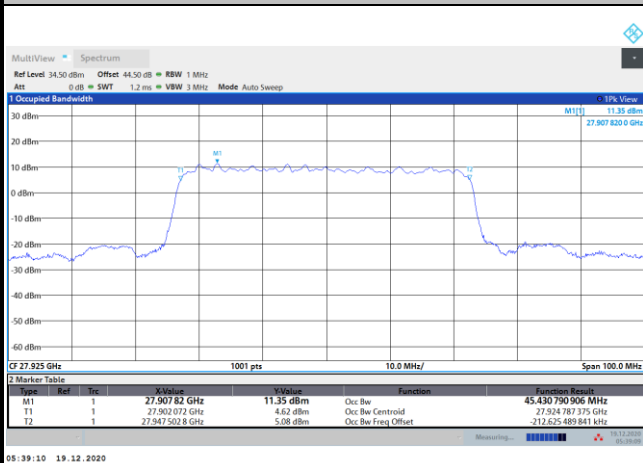
Lowest Channel / 50MHz / BPSK



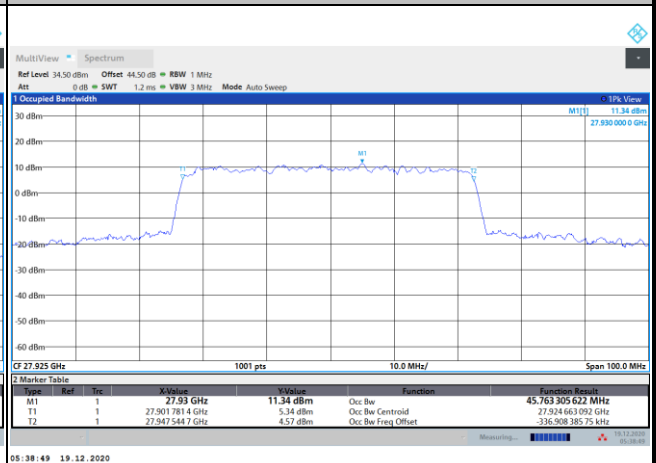
Lowest Channel / 50MHz / QPSK



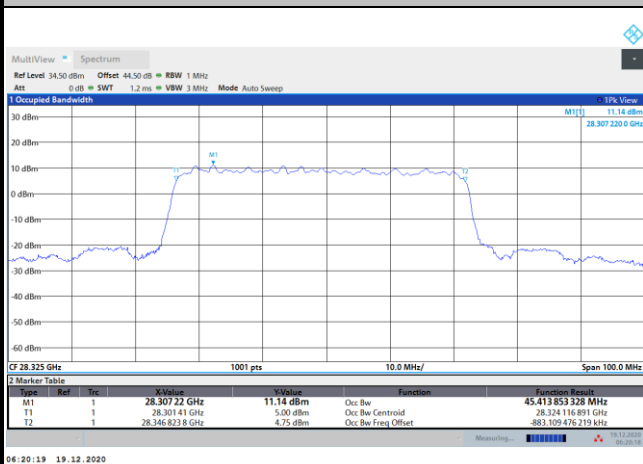
Middle Channel / 50MHz / BPSK



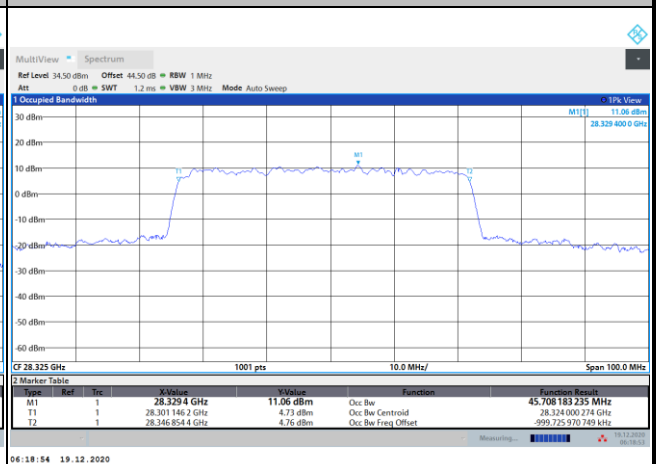
Middle Channel / 50MHz / QPSK



Highest Channel / 50MHz / BPSK



Highest Channel / 50MHz / QPSK

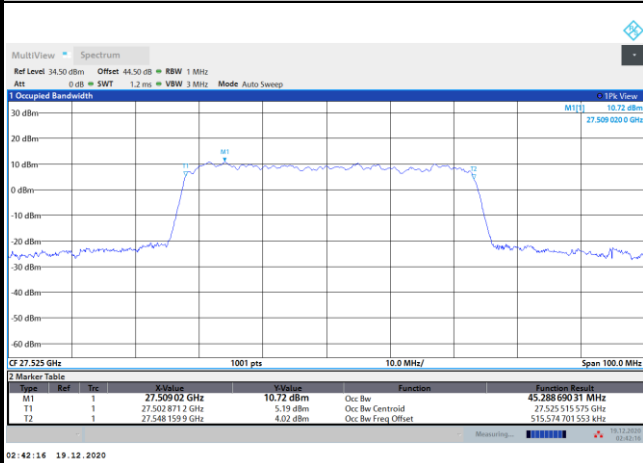




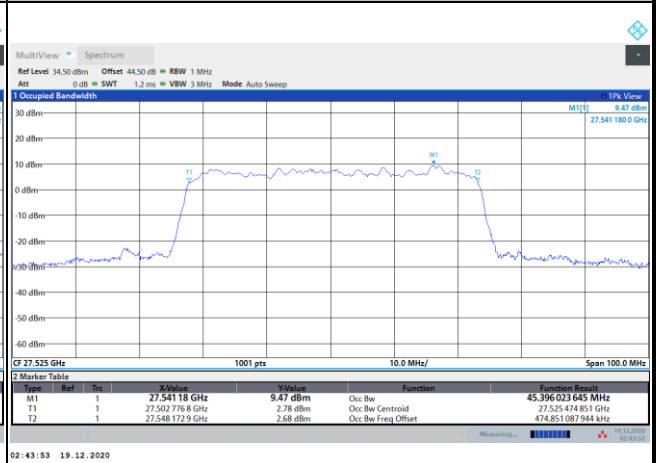
DFT-s-OFDM Module 1

NR Band n261

Lowest Channel / 50MHz / 16QAM



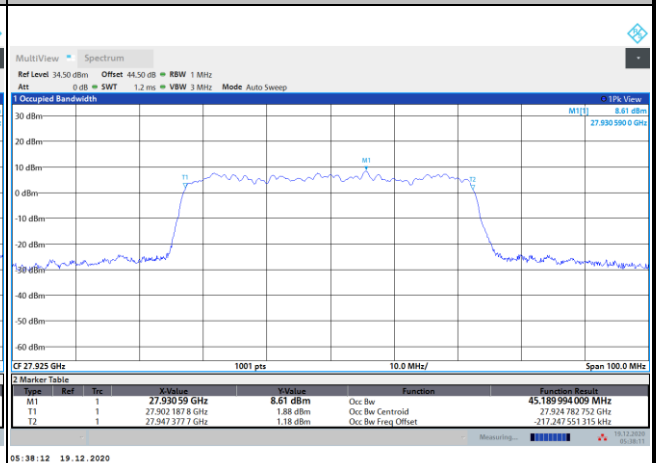
Lowest Channel / 50MHz / 64QAM



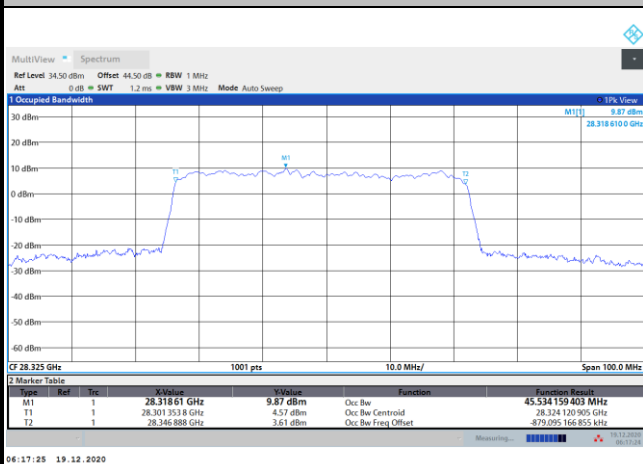
Middle Channel / 50MHz / 16QAM



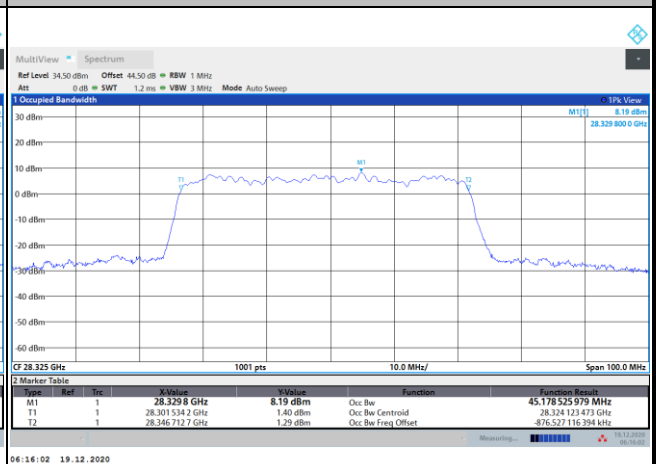
Middle Channel / 50MHz / 64QAM



Highest Channel / 50MHz / 16QAM



Highest Channel / 50MHz / 64QAM

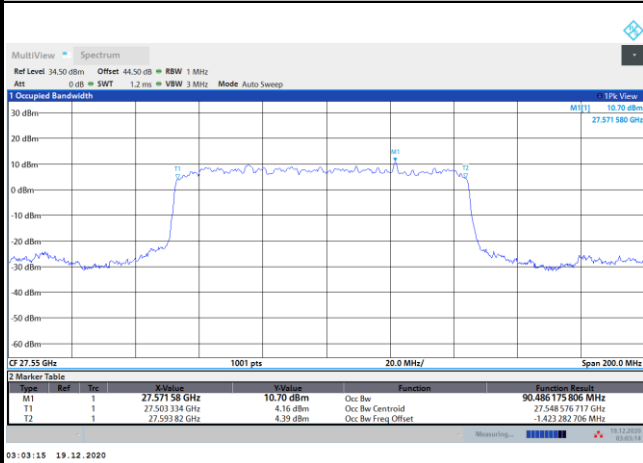




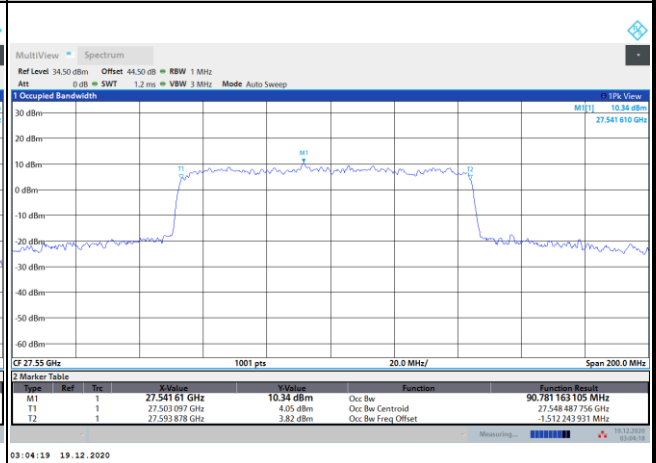
DFT-s-OFDM Module 1

NR Band n261

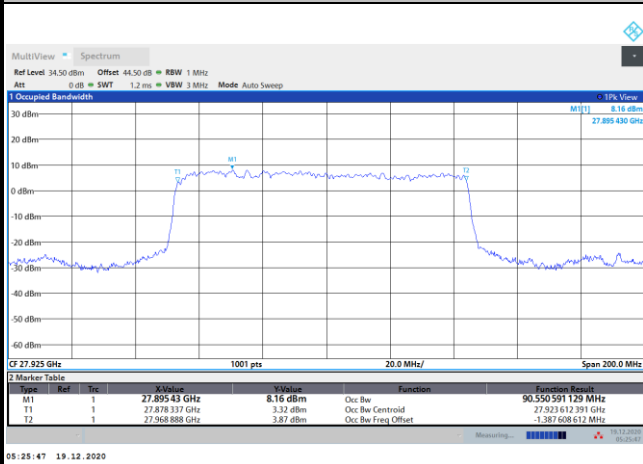
Lowest Channel / 100MHz / BPSK



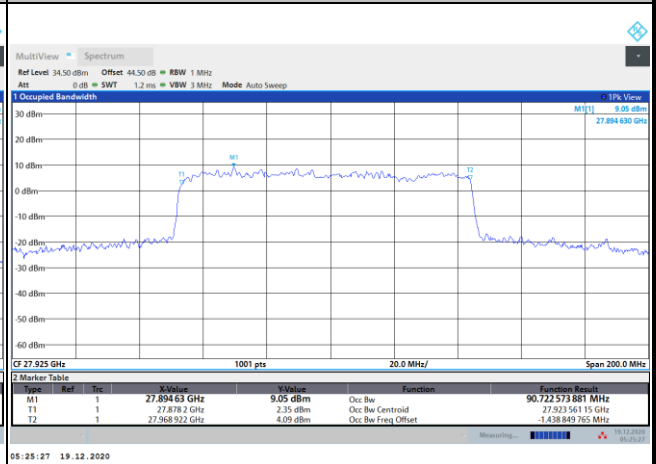
Lowest Channel / 100MHz / QPSK



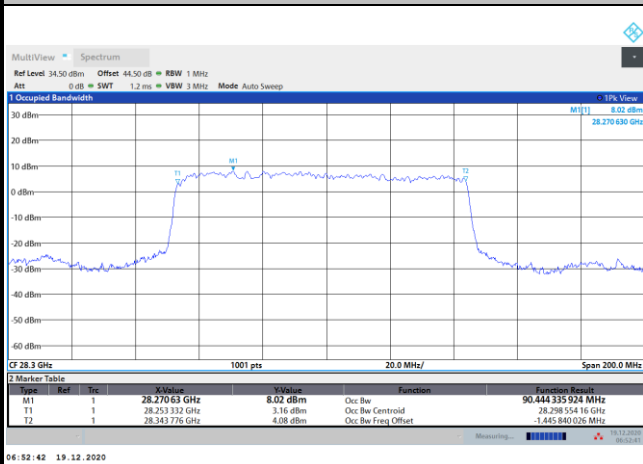
Middle Channel / 100MHz / BPSK



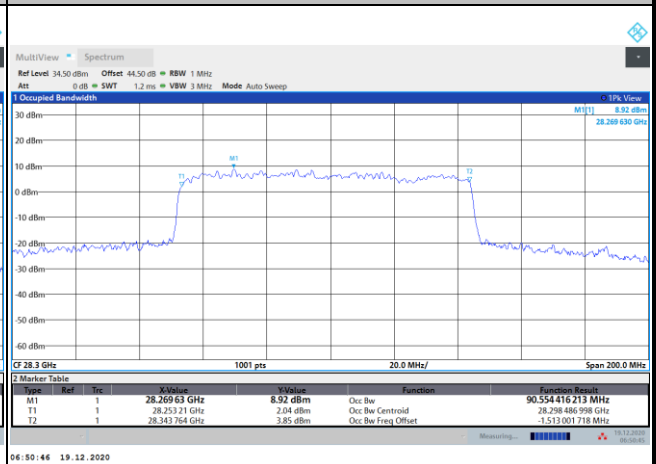
Middle Channel / 100MHz / QPSK



Highest Channel / 100MHz / BPSK



Highest Channel / 100MHz / QPSK

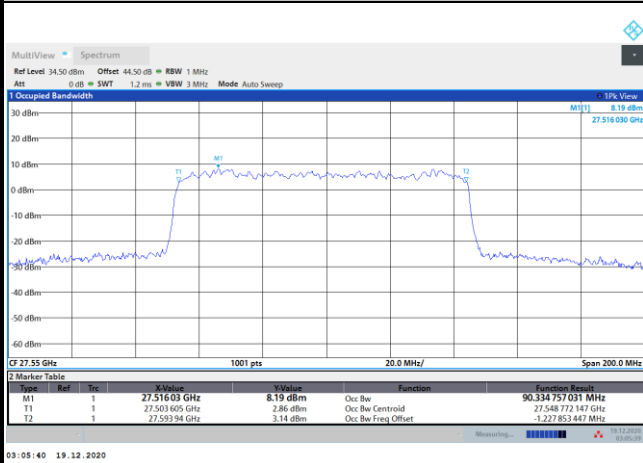




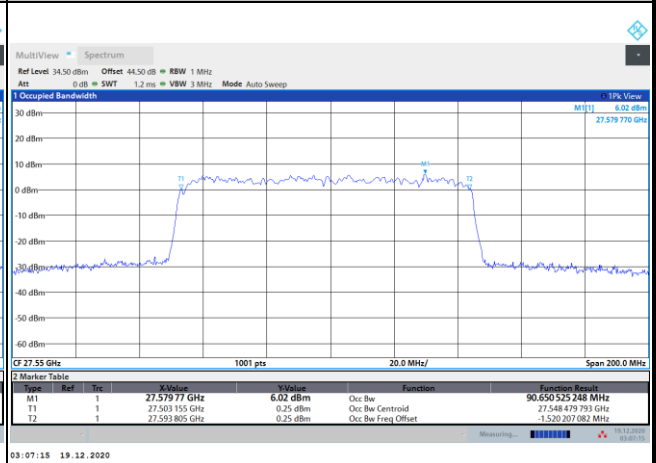
DFT-s-OFDM Module 1

NR Band n261

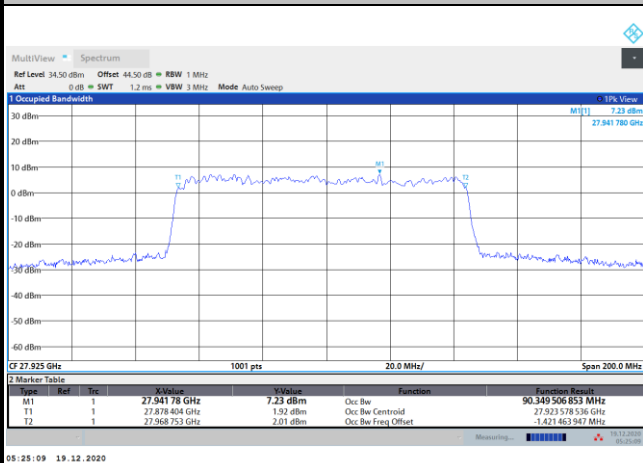
Lowest Channel / 100MHz / 16QAM



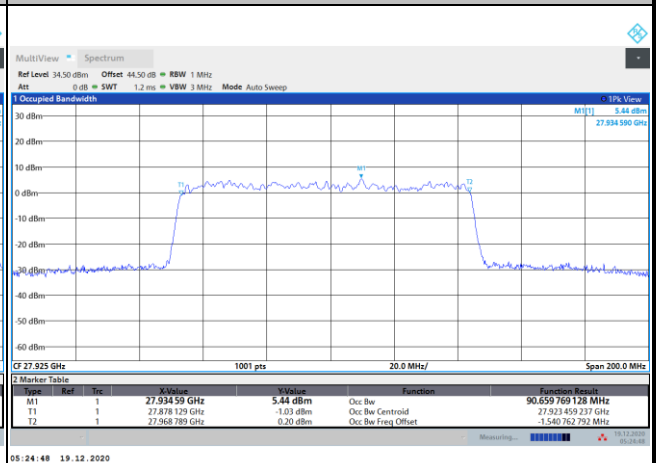
Lowest Channel / 100MHz / 64QAM



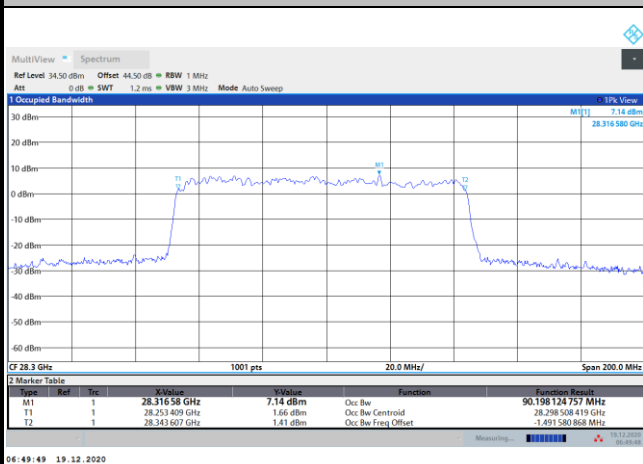
Middle Channel / 100MHz / 16QAM



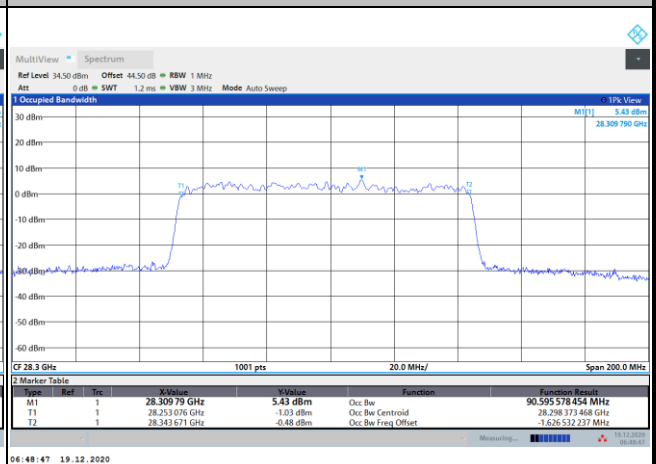
Middle Channel / 100MHz / 64QAM



Highest Channel / 100MHz / 16QAM

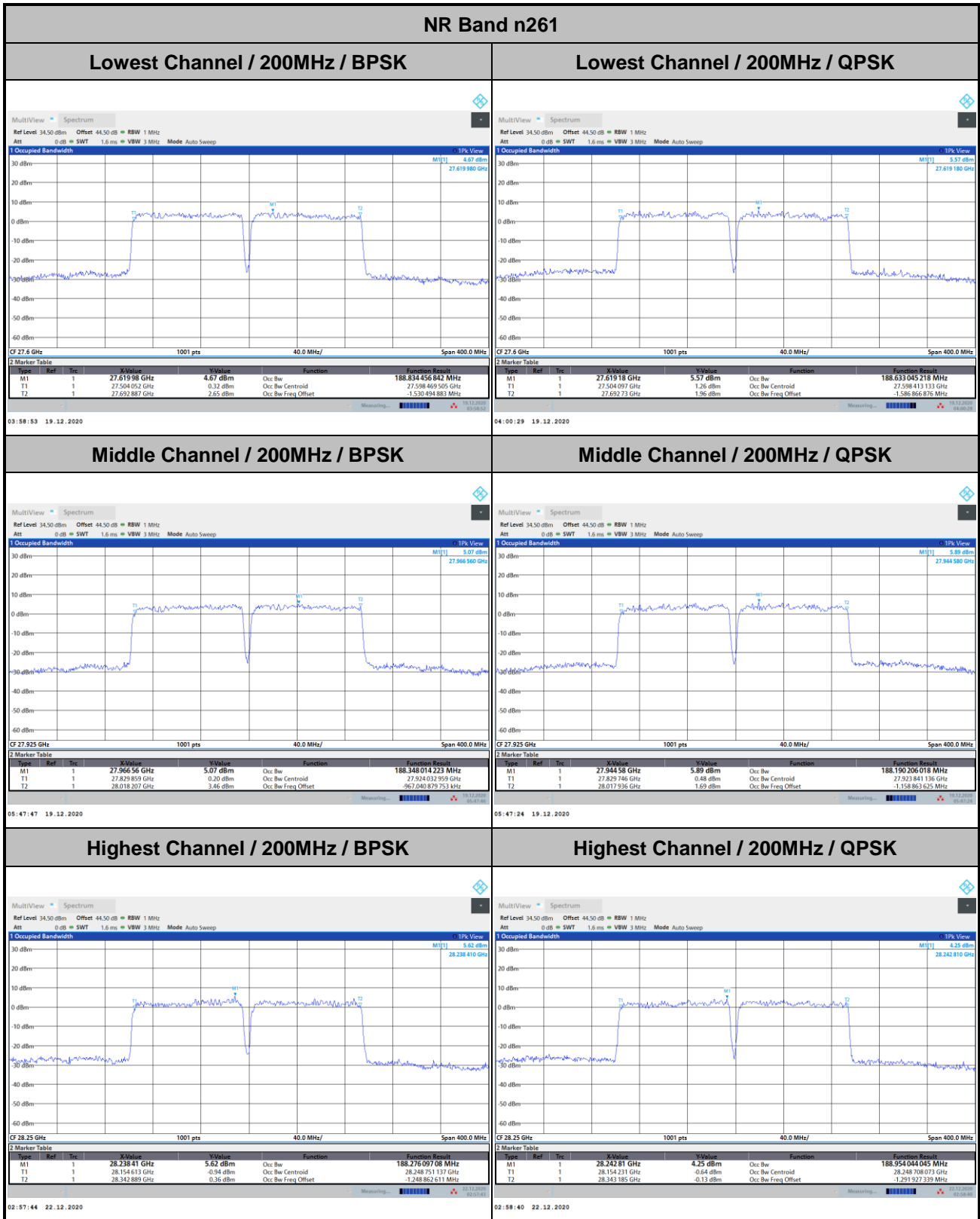


Highest Channel / 100MHz / 64QAM





DFT-s-OFDM Module 1

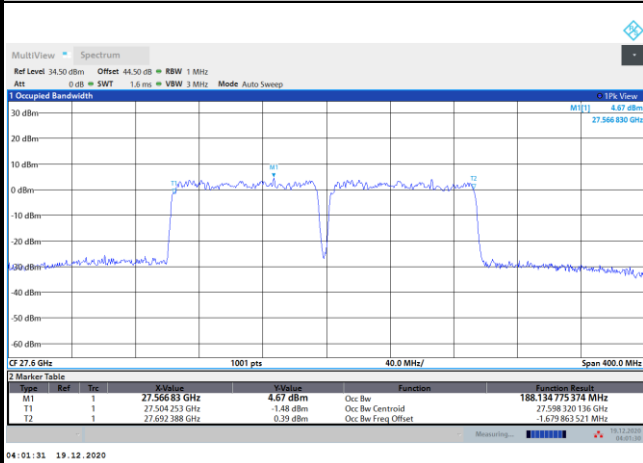




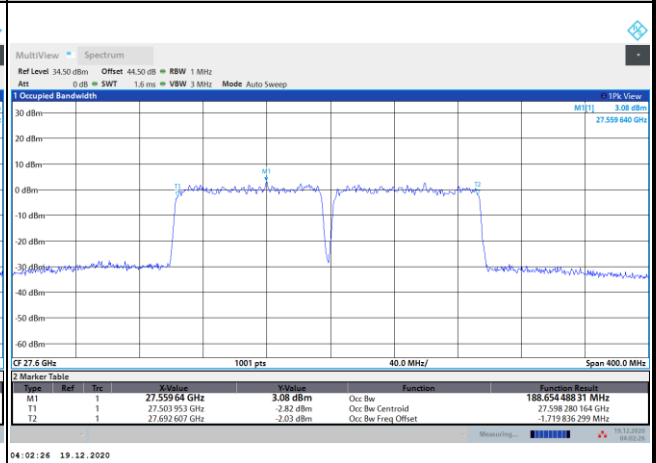
DFT-s-OFDM Module 1

NR Band n261

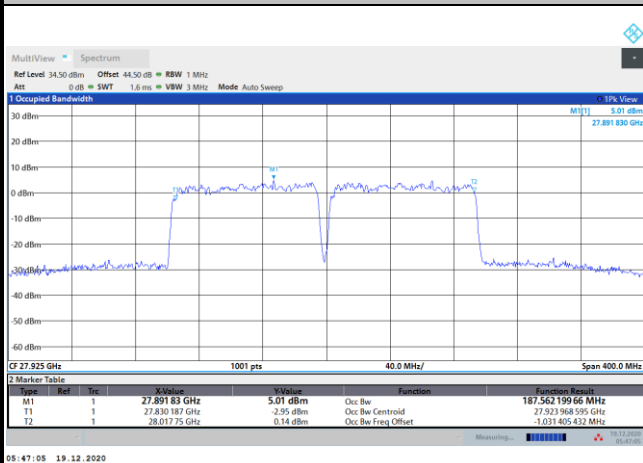
Lowest Channel / 200MHz / 16QAM



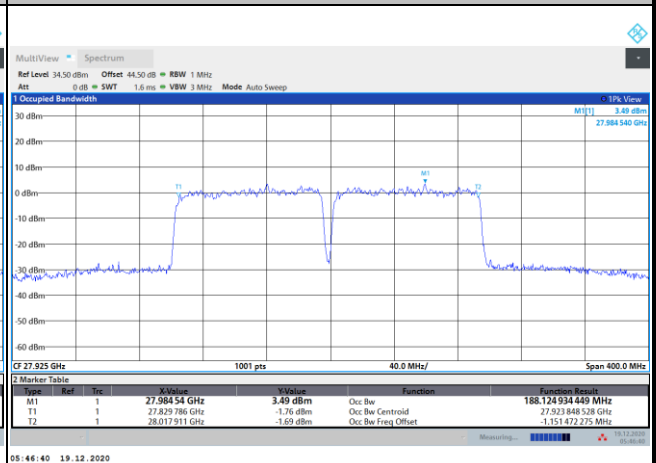
Lowest Channel / 200MHz / 64QAM



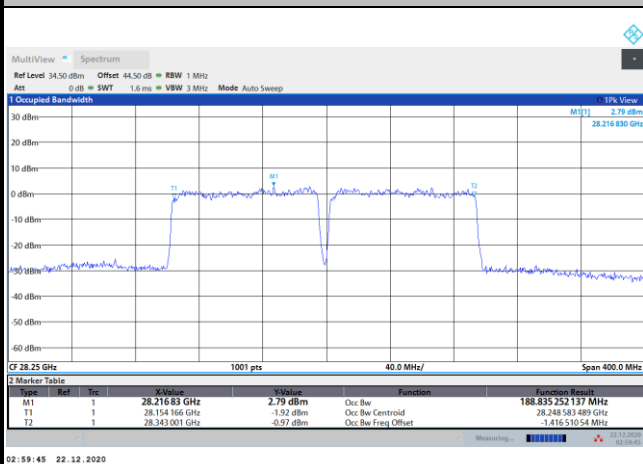
Middle Channel / 200MHz / 16QAM



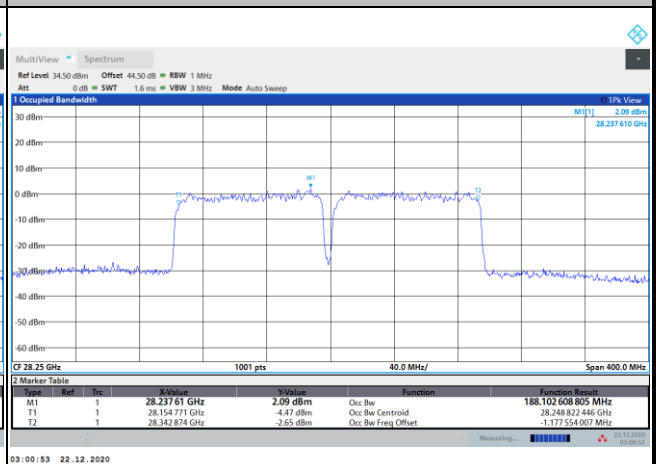
Middle Channel / 200MHz / 64QAM



Highest Channel / 200MHz / 16QAM



Highest Channel / 200MHz / 64QAM





AG1

| Mode | DFT-s-OFDM Module 1 NR Band n261 : 99%OBW(MHz) | | | | | | | | | | | |
|------------|--|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|--------|
| BW | 50MHz | | | | 100MHz | | | | 200MHz | | | |
| Mod. | BPSK | QPSK | 16QAM | 64QAM | BPSK | QPSK | 16QAM | 64QAM | BPSK | QPSK | 16QAM | 64QAM |
| Lowest CH | 45.49 | 45.55 | 45.17 | 45.27 | 90.31 | 90.82 | 90.53 | 90.32 | 188.18 | 189.04 | 188.70 | 188.14 |
| Middle CH | 45.52 | 45.59 | 45.26 | 45.30 | 90.55 | 91.01 | 90.73 | 90.62 | 187.71 | 188.62 | 188.26 | 187.67 |
| Highest CH | 45.31 | 45.45 | 45.09 | 45.38 | 90.35 | 90.33 | 90.25 | 90.65 | 188.62 | 188.39 | 188.25 | 188.44 |