

**Conducted Power Measurement Results**

| Channel Frequency (MHz) | Nominal Channel BW (MHz) | EARFCN | Resource Blocks | RB Offset | Modulation | Measured Conducted Power (dBm) | Dut Antenna Gain (dBi) | e.i.r.p. (dBm) | e.i.r.p. (W) | Limit (W) | Margin (dB) |
|-------------------------|--------------------------|--------|-----------------|-----------|------------|--------------------------------|------------------------|----------------|--------------|-----------|-------------|
| 1880                    | 1.4                      | 18900  | 1               | 3         | QPSK       | 21.24                          | -2.15                  | 19.09          | 0.081        | 2.00      | 13.9        |
| 1880                    | 1.4                      | 18900  | 1               | 3         | 16QAM      | 20.42                          |                        | 18.27          | 0.067        |           | 14.7        |
| 1880                    | 1.4                      | 18900  | 1               | 3         | 64QAM      | 19.37                          |                        | 17.22          | 0.053        |           | 15.8        |
| 1880                    | 1.4                      | 18900  | 6               | 0         | QPSK       | 18.58                          |                        | 16.43          | 0.044        |           | 16.6        |
| 1880                    | 1.4                      | 18900  | 6               | 0         | 16QAM      | 19.48                          |                        | 17.33          | 0.054        |           | 15.7        |
| 1880                    | 1.4                      | 18900  | 6               | 0         | 64QAM      | 18.44                          |                        | 16.29          | 0.043        |           | 16.7        |
| 1880                    | 3                        | 18900  | 15              | 0         | QPSK       | 20.45                          |                        | 18.30          | 0.068        |           | 14.7        |
| 1880                    | 3                        | 18900  | 15              | 0         | 16QAM      | 19.37                          |                        | 17.22          | 0.053        |           | 15.8        |
| 1880                    | 3                        | 18900  | 15              | 0         | 64QAM      | 18.45                          |                        | 16.30          | 0.043        |           | 16.7        |
| 1880                    | 5                        | 18900  | 25              | 0         | QPSK       | 20.71                          |                        | 18.56          | 0.072        |           | 14.5        |
| 1880                    | 5                        | 18900  | 25              | 0         | 16QAM      | 19.79                          |                        | 17.64          | 0.058        |           | 15.4        |
| 1880                    | 5                        | 18900  | 25              | 0         | 64QAM      | 18.84                          |                        | 16.69          | 0.047        |           | 16.3        |
| 1880                    | 10                       | 18900  | 50              | 0         | QPSK       | 20.70                          |                        | 18.55          | 0.072        |           | 14.5        |
| 1880                    | 10                       | 18900  | 50              | 0         | 16QAM      | 18.71                          |                        | 16.56          | 0.045        |           | 16.5        |
| 1880                    | 10                       | 18900  | 50              | 0         | 64QAM      | 18.78                          |                        | 16.63          | 0.046        |           | 16.4        |
| 1880                    | 15                       | 18900  | 75              | 0         | QPSK       | 20.67                          |                        | 18.52          | 0.071        |           | 14.5        |
| 1880                    | 15                       | 18900  | 75              | 0         | 16QAM      | 19.65                          |                        | 17.50          | 0.056        |           | 15.5        |
| 1880                    | 15                       | 18900  | 75              | 0         | 64QAM      | 18.74                          |                        | 16.59          | 0.046        |           | 16.4        |
| 1880                    | 20                       | 18900  | 100             | 0         | QPSK       | 20.61                          |                        | 18.46          | 0.070        |           | 14.6        |
| 1880                    | 20                       | 18900  | 100             | 0         | 16QAM      | 19.70                          |                        | 17.55          | 0.057        |           | 15.5        |
| 1880                    | 20                       | 18900  | 100             | 0         | 64QAM      | 18.75                          | 16.60                  | 0.046          | 16.4         |           |             |
| <b>Complies</b>         |                          |        |                 |           |            |                                |                        |                |              |           |             |

# Conducted Power: LTE Band 2



\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    14.32 dBm  
 \*Att 10 dB    1.879580000 GHz

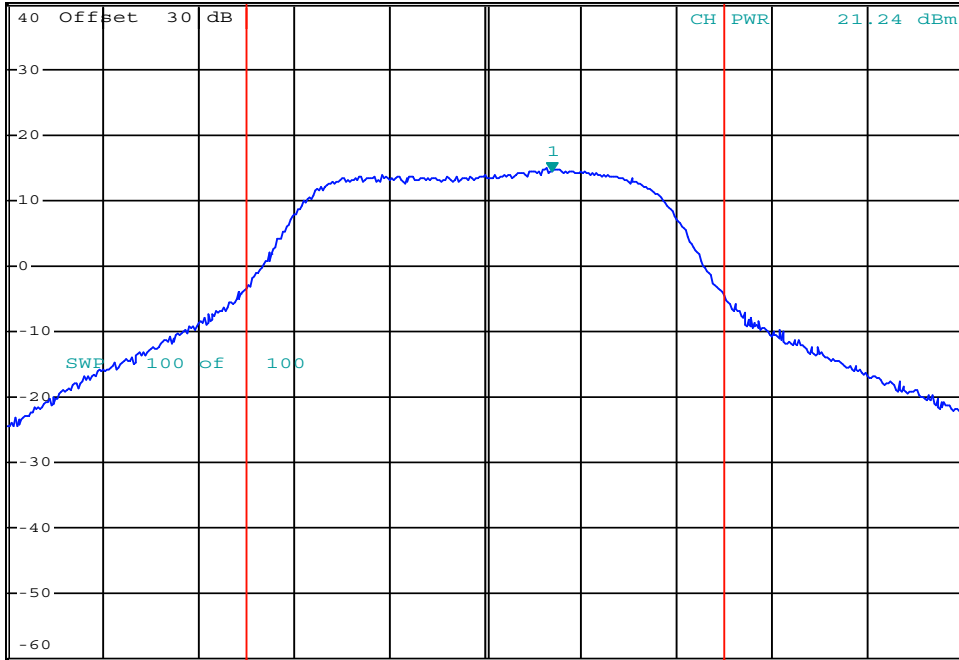
Ref 40 dBm

\*Att 10 dB

\*SWT 50 ms

1.879580000 GHz

1 RM  
 VIEW



CH PWR 21.24 dBm

LVL

3DB

Center 1.879545 GHz

50 kHz/

Span 500 kHz

Date: 21.APR.2021 15:17:22

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **1.4**

EARFCN: **18900**

Resource Blocks (RB): **1**

RB Offset: **3**

Modulation: **QPSK**

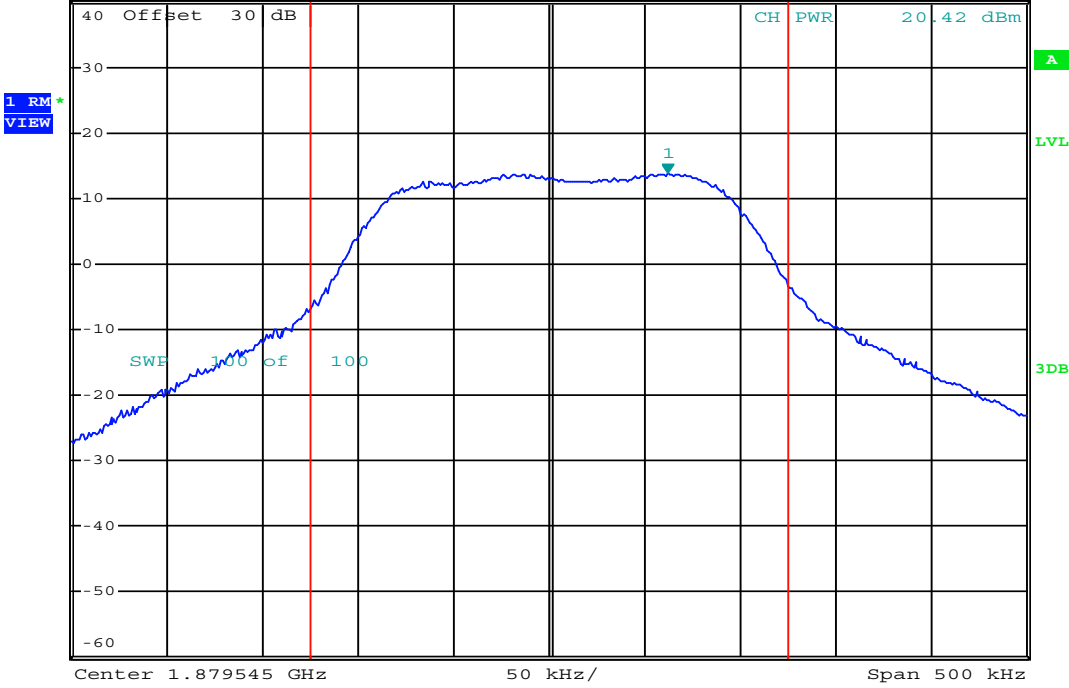
Conducted Power (dBm): **21.24**

# Conducted Power: LTE Band 2



\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    13.82 dBm  
 \*SWT 50 ms    1.879607000 GHz

Ref 40 dBm    \*Att 10 dB



Date: 21.APR.2021 15:18:24

|  |                                     |                                     |
|--|-------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>1880.0</b> | Channel Bandwidth (MHz): <b>1.4</b> | Conducted Power (dBm): <b>20.42</b> |
| EARFCN: <b>18900</b>                   | Resource Blocks (RB): <b>1</b>      |                                     |
| RB Offset: <b>3</b>                    | Modulation: <b>16QAM</b>            |                                     |

# Conducted Power: LTE Band 2

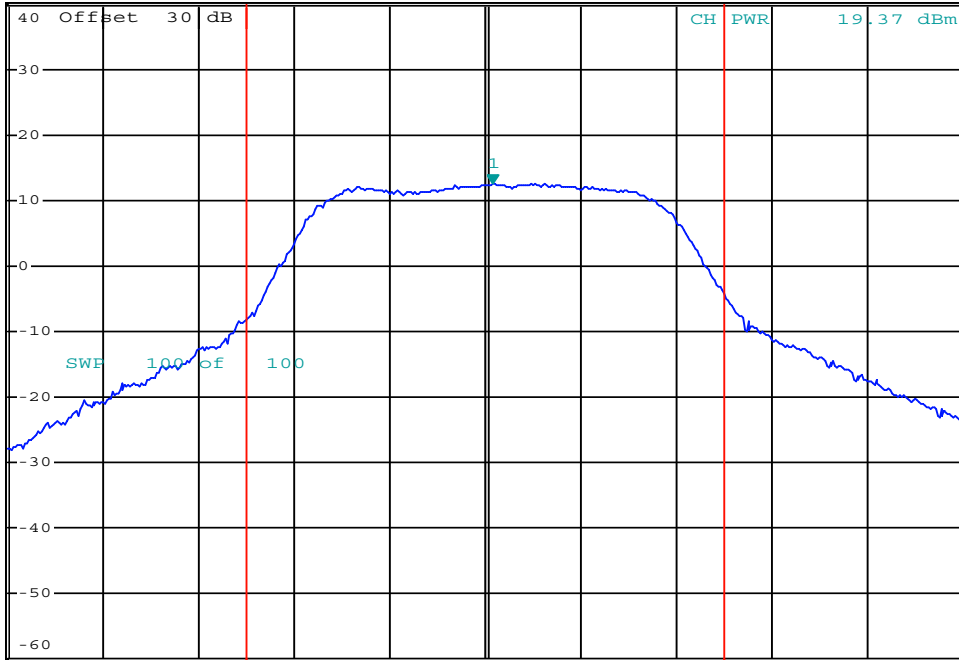


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    12.59 dBm  
 \*SWT 50 ms    1.879549000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



Center 1.879545 GHz    50 kHz/    Span 500 kHz

Date: 21.APR.2021 15:19:22

|                          |               |                          |              |                        |              |
|--------------------------|---------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>1880.0</b> | Channel Bandwidth (MHz): | <b>1.4</b>   | Conducted Power (dBm): | <b>19.37</b> |
| EARFCN:                  | <b>18900</b>  | Resource Blocks (RB):    | <b>1</b>     |                        |              |
| RB Offset:               | <b>3</b>      | Modulation:              | <b>64QAM</b> |                        |              |

# Conducted Power: LTE Band 2

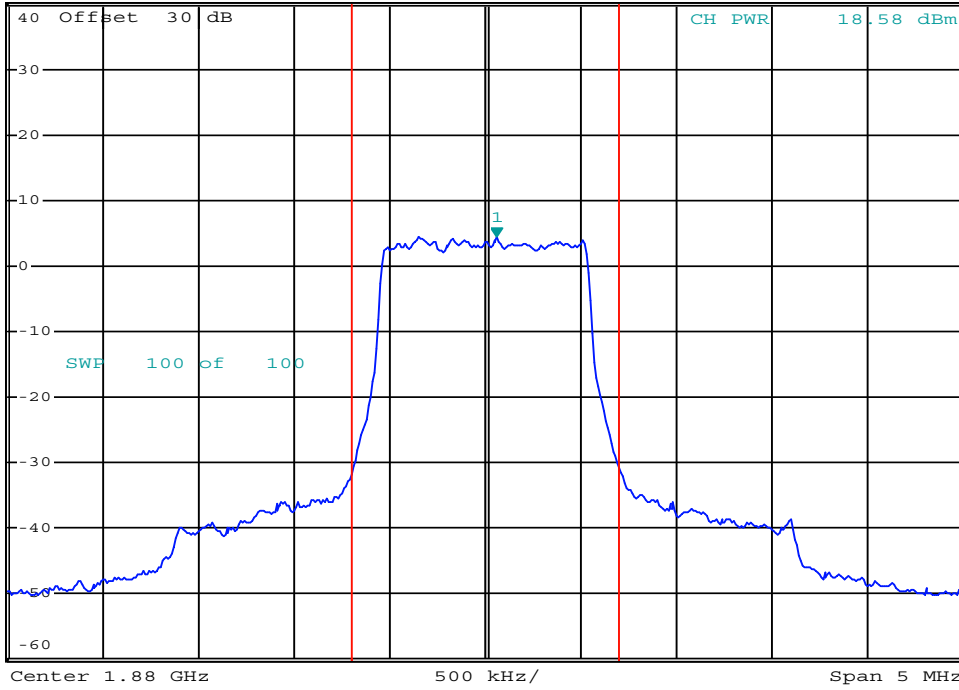


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    4.46 dBm  
 \*SWT 50 ms    1.880060000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 21.APR.2021 15:37:03

|                          |               |                          |             |                        |              |
|--------------------------|---------------|--------------------------|-------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>1880.0</b> | Channel Bandwidth (MHz): | <b>1.4</b>  | Conducted Power (dBm): | <b>18.58</b> |
| EARFCN:                  | <b>18900</b>  | Resource Blocks (RB):    | <b>6</b>    |                        |              |
| RB Offset:               | <b>0</b>      | Modulation:              | <b>QPSK</b> |                        |              |

# Conducted Power: LTE Band 2

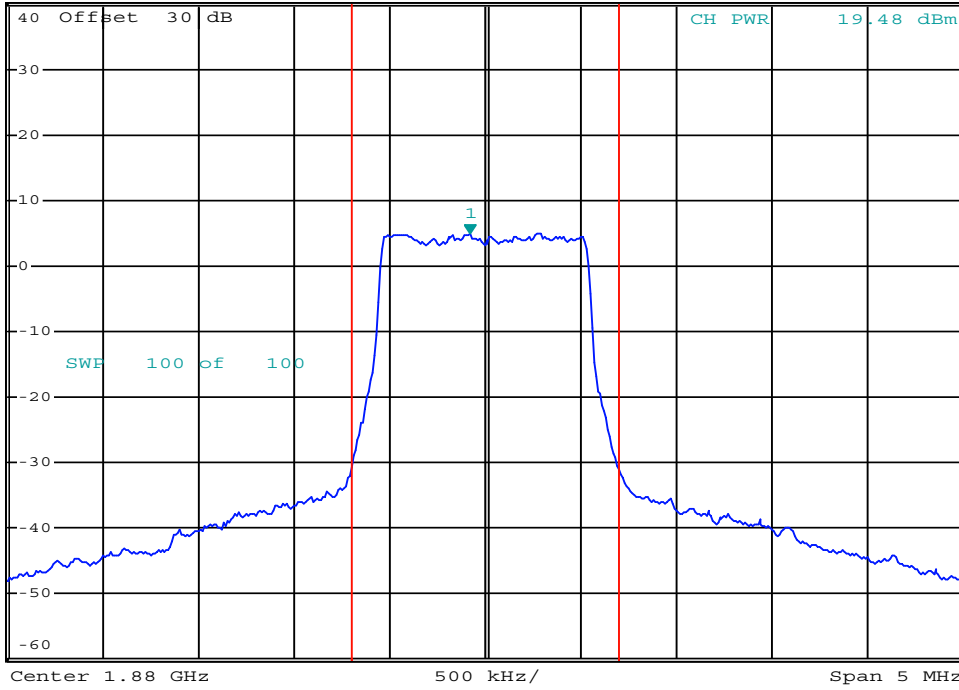


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    4.94 dBm  
 \*SWT 50 ms    1.879920000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 21.APR.2021 15:36:00

|                          |               |                          |              |                        |              |
|--------------------------|---------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>1880.0</b> | Channel Bandwidth (MHz): | <b>1.4</b>   | Conducted Power (dBm): | <b>19.48</b> |
| EARFCN:                  | <b>18900</b>  | Resource Blocks (RB):    | <b>6</b>     |                        |              |
| RB Offset:               | <b>0</b>      | Modulation:              | <b>16QAM</b> |                        |              |

# Conducted Power: LTE Band 2

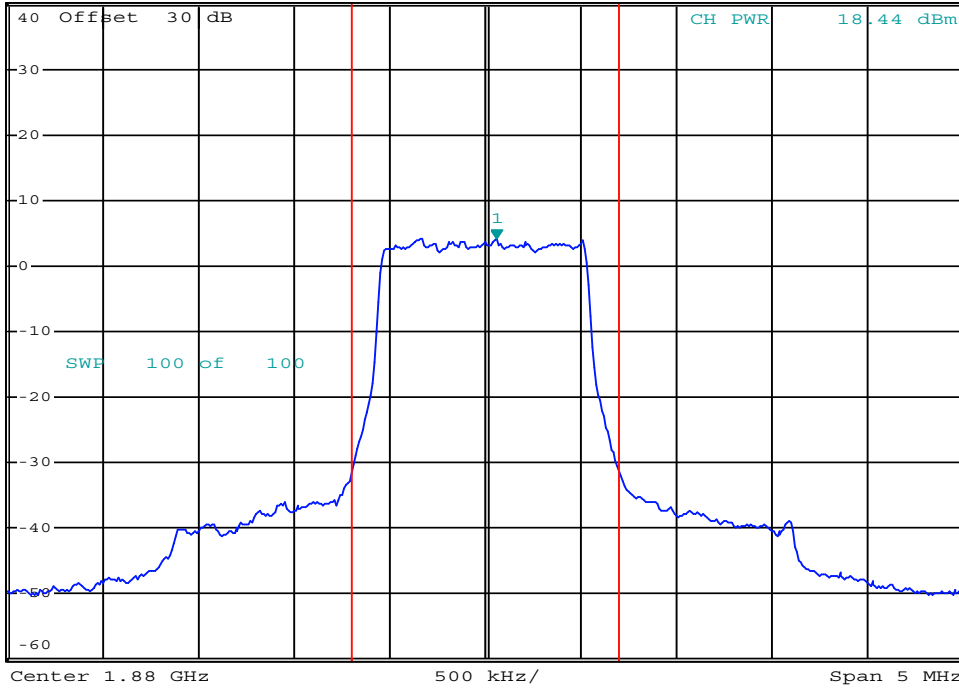


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    4.27 dBm  
 \*SWT 50 ms    1.880060000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 21.APR.2021 15:34:49

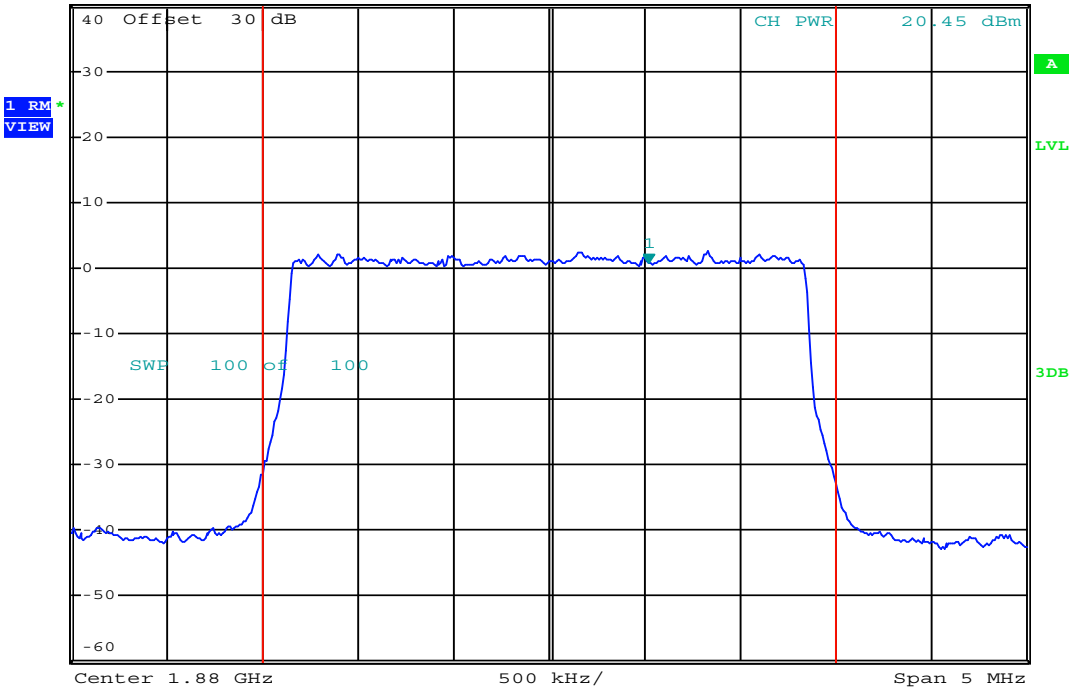
|  |                                     |                                     |
|--|-------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>1880.0</b> | Channel Bandwidth (MHz): <b>1.4</b> | Conducted Power (dBm): <b>18.44</b> |
| EARFCN: <b>18900</b>                   | Resource Blocks (RB): <b>6</b>      |                                     |
| RB Offset: <b>0</b>                    | Modulation: <b>64QAM</b>            |                                     |

# Conducted Power: LTE Band 2



\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    0.70 dBm  
 \*SWT 50 ms    1.880520000 GHz

Ref 40 dBm    \*Att 10 dB



Date: 21.APR.2021 15:43:54

|                          |               |                          |             |                        |              |
|--------------------------|---------------|--------------------------|-------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>1880.0</b> | Channel Bandwidth (MHz): | <b>3.0</b>  | Conducted Power (dBm): | <b>20.45</b> |
| EARFCN:                  | <b>18900</b>  | Resource Blocks (RB):    | <b>15</b>   |                        |              |
| RB Offset:               | <b>0</b>      | Modulation:              | <b>QPSK</b> |                        |              |

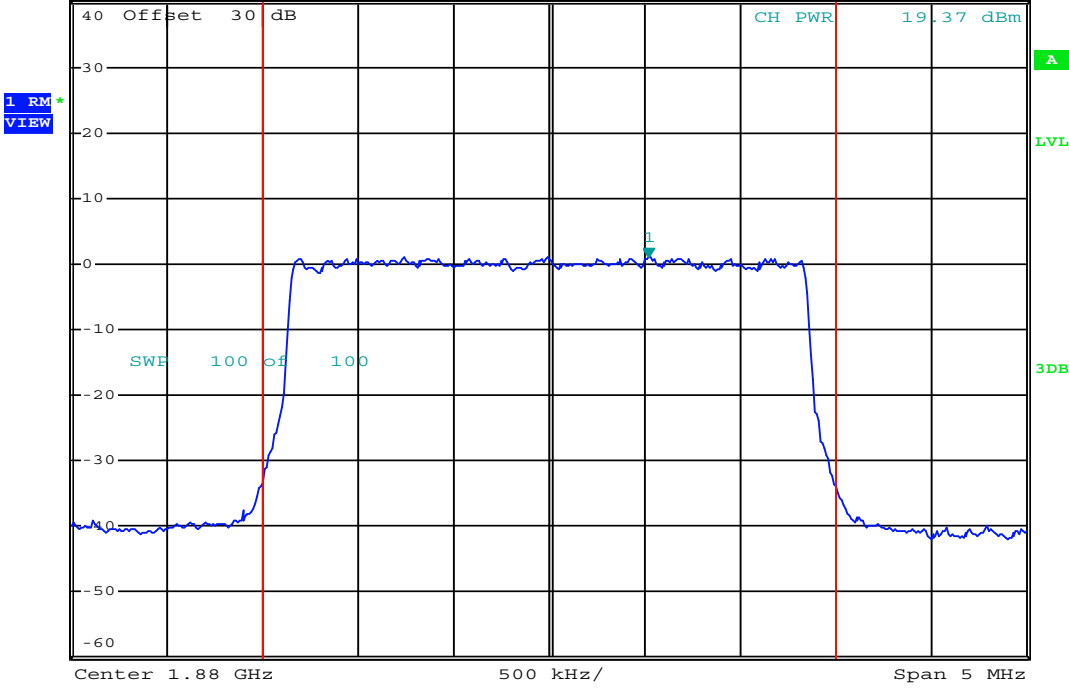


# Conducted Power: LTE Band 2



\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    1.07 dBm  
 \*SWT 50 ms    1.880520000 GHz

Ref 40 dBm    \*Att 10 dB



Date: 21.APR.2021 15:42:49

|                          |               |                          |              |                        |              |
|--------------------------|---------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>1880.0</b> | Channel Bandwidth (MHz): | <b>3.0</b>   | Conducted Power (dBm): | <b>19.37</b> |
| EARFCN:                  | <b>18900</b>  | Resource Blocks (RB):    | <b>15</b>    |                        |              |
| RB Offset:               | <b>0</b>      | Modulation:              | <b>16QAM</b> |                        |              |

# Conducted Power: LTE Band 2

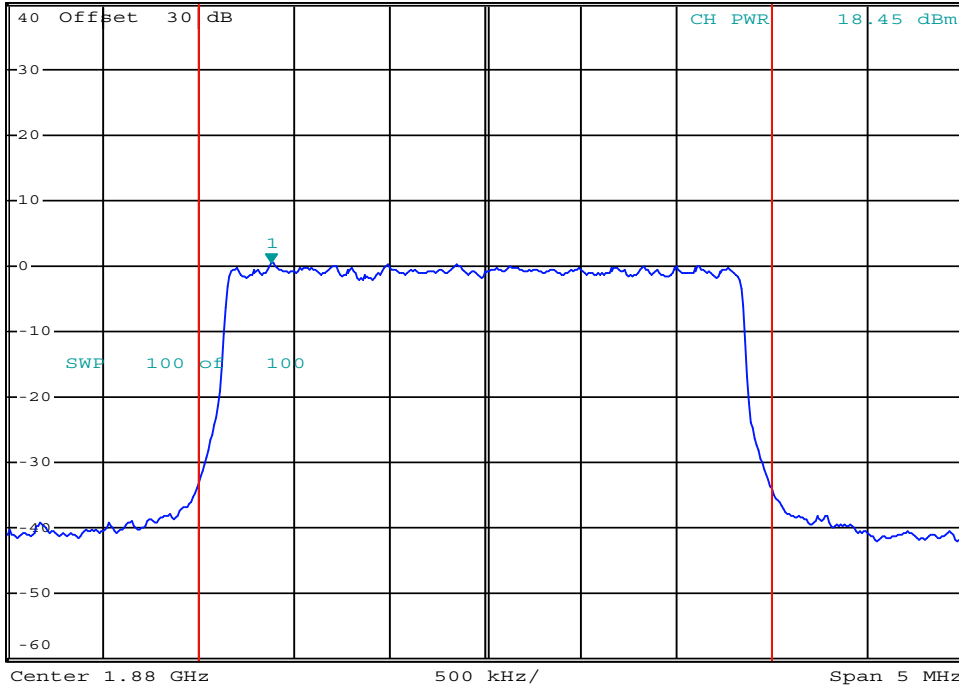


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    0.55 dBm  
 \*SWT 50 ms    1.878880000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



Date: 21.APR.2021 15:41:51

|                          |               |                          |              |                        |              |
|--------------------------|---------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>1880.0</b> | Channel Bandwidth (MHz): | <b>3.0</b>   | Conducted Power (dBm): | <b>18.45</b> |
| EARFCN:                  | <b>18900</b>  | Resource Blocks (RB):    | <b>15</b>    |                        |              |
| RB Offset:               | <b>0</b>      | Modulation:              | <b>64QAM</b> |                        |              |

# Conducted Power: LTE Band 2



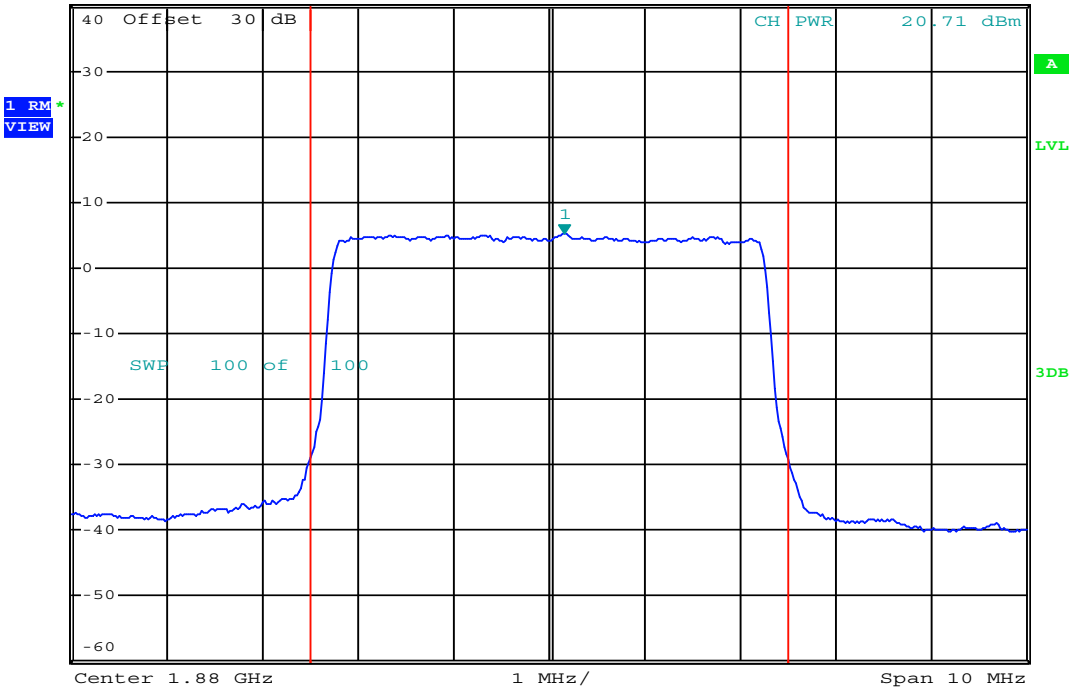
\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 1 MHz                      5.23 dBm  
 \*Att 10 dB                      1.880160000 GHz

Ref 40 dBm

\*Att 10 dB

\*SWT 50 ms

1.880160000 GHz



Date: 21.APR.2021 15:48:38

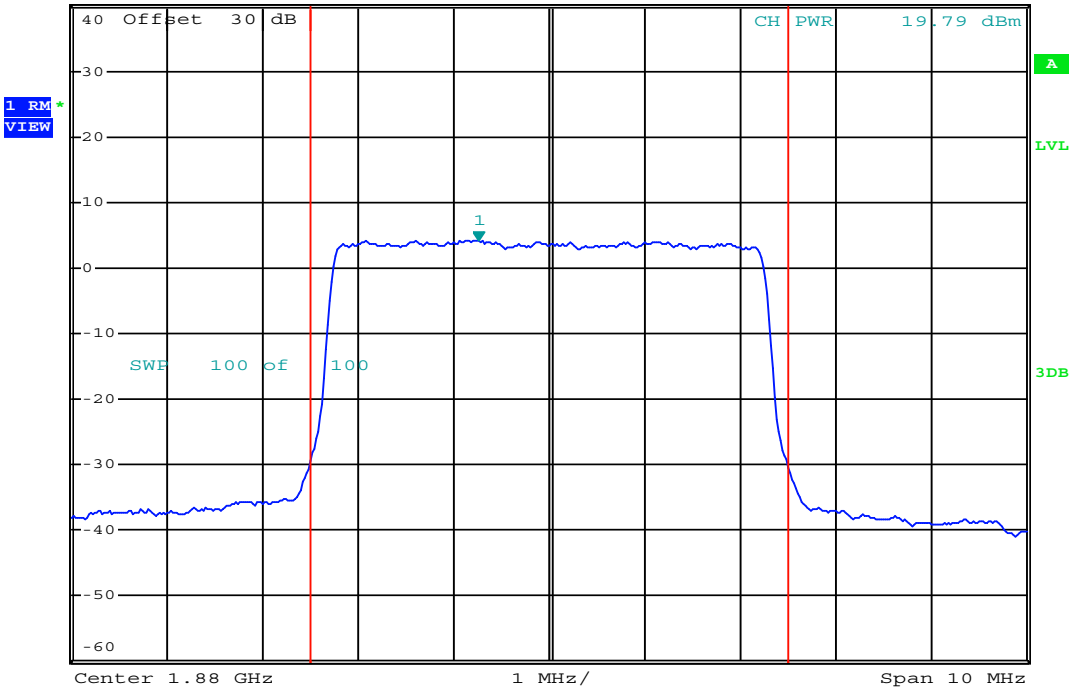
|                          |               |                          |             |                        |              |
|--------------------------|---------------|--------------------------|-------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>1880.0</b> | Channel Bandwidth (MHz): | <b>5.0</b>  | Conducted Power (dBm): | <b>20.71</b> |
| EARFCN:                  | <b>18900</b>  | Resource Blocks (RB):    | <b>25</b>   |                        |              |
| RB Offset:               | <b>0</b>      | Modulation:              | <b>QPSK</b> |                        |              |

# Conducted Power: LTE Band 2



\*RBW 100 kHz    Marker 1 [T1 ]  
VBW 1 MHz                            4.22 dBm  
\*SWT 50 ms                            1.879260000 GHz

Ref 40 dBm                            \*Att 10 dB



Date: 21.APR.2021 15:49:36

Channel Frequency (MHz): **1880.0**

Channel Bandwidth (MHz): **5.0**

EARFCN: **18900**

Resource Blocks (RB): **25**

Conducted Power (dBm): **19.79**

RB Offset: **0**

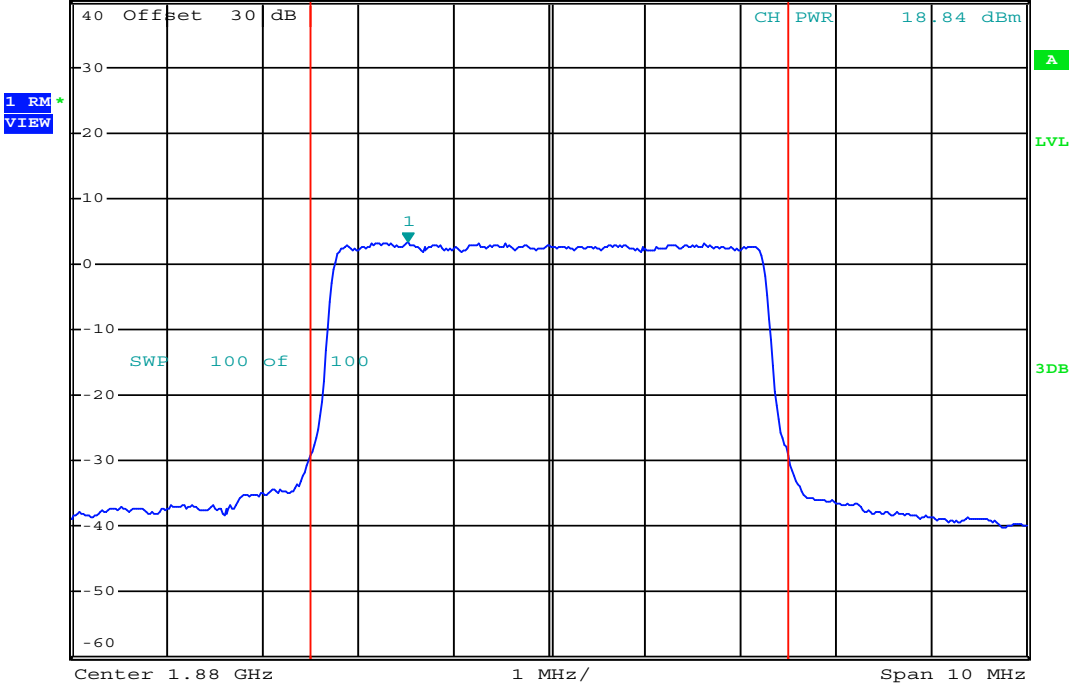
Modulation: **16QAM**

# Conducted Power: LTE Band 2



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz 3.26 dBm  
 \*Att 10 dB 1.878520000 GHz  
 \*SWT 50 ms

Ref 40 dBm



Date: 21.APR.2021 15:50:38

|  |                                     |                                     |
|--|-------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>1880.0</b> | Channel Bandwidth (MHz): <b>5.0</b> | Conducted Power (dBm): <b>18.84</b> |
| EARFCN: <b>18900</b>                   | Resource Blocks (RB): <b>25</b>     |                                     |
| RB Offset: <b>0</b>                    | Modulation: <b>64QAM</b>            |                                     |

# Conducted Power: LTE Band 2

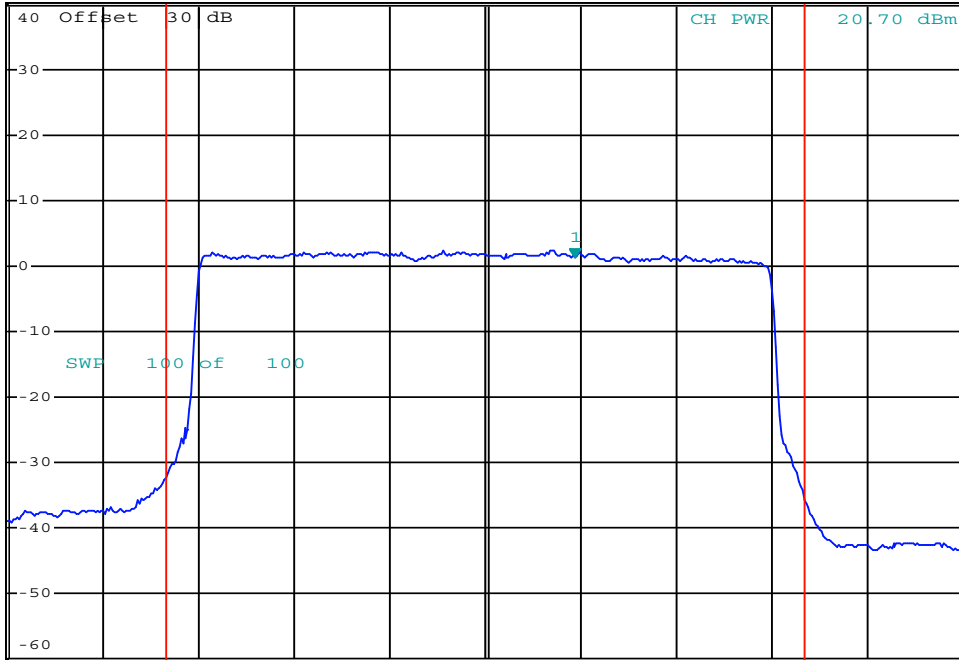


\*RBW 100 kHz Marker 1 [T1 ]  
VBW 1 MHz 1.42 dBm  
\*SWT 50 ms 1.881410000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



A

LVL

3DB

Date: 21.APR.2021 15:57:37

|  |                                      |                                    |
|--|--------------------------------------|------------------------------------|
| Channel Frequency (MHz): <b>1880.0</b> | Channel Bandwidth (MHz): <b>10.0</b> | Conducted Power (dBm): <b>20.7</b> |
| EARFCN: <b>18900</b>                   | Resource Blocks (RB): <b>50</b>      |                                    |
| RB Offset: <b>0</b>                    | Modulation: <b>QPSK</b>              |                                    |

# Conducted Power: LTE Band 2

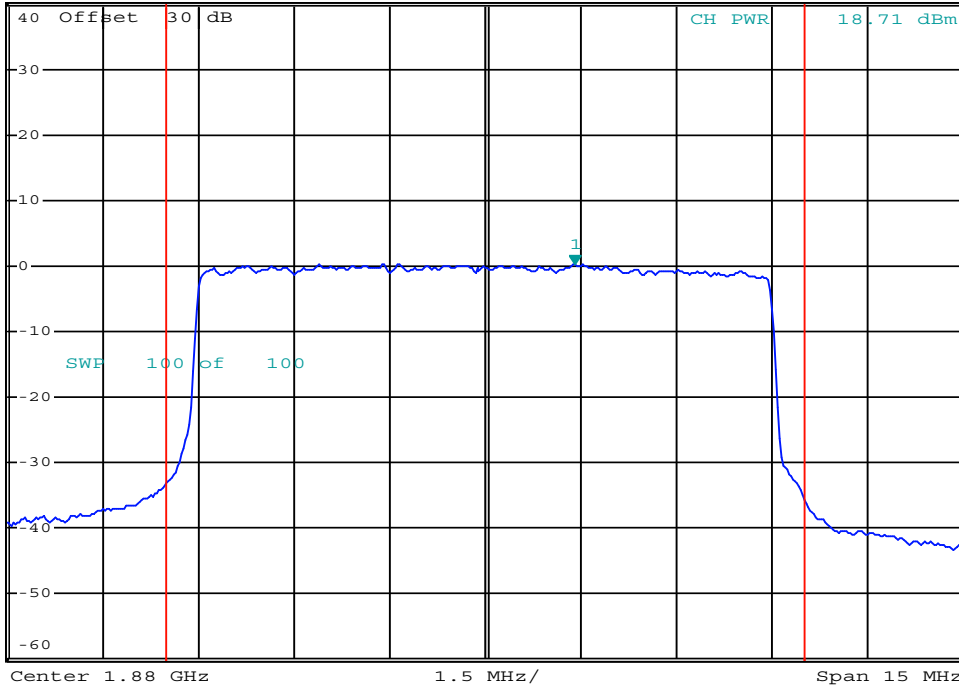


\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz 0.34 dBm  
 \*SWT 50 ms 1.881410000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 21.APR.2021 15:56:01

|  |                                      |                                     |
|--|--------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>1880.0</b> | Channel Bandwidth (MHz): <b>10.0</b> | Conducted Power (dBm): <b>18.71</b> |
| EARFCN: <b>18900</b>                   | Resource Blocks (RB): <b>50</b>      |                                     |
| RB Offset: <b>0</b>                    | Modulation: <b>16QAM</b>             |                                     |

# Conducted Power: LTE Band 2

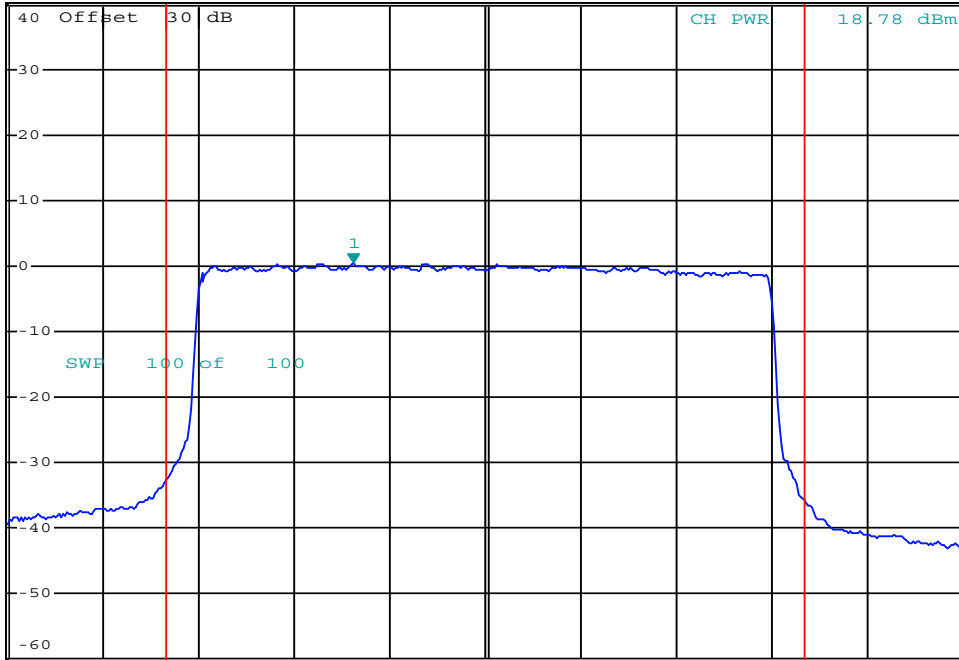


\*RBW 100 kHz Marker 1 [T1 ]  
VBW 1 MHz 0.42 dBm  
\*SWT 50 ms 1.877930000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



A

LVL

3DB

Date: 21.APR.2021 15:52:26

|  |                                      |                                     |
|--|--------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>1880.0</b> | Channel Bandwidth (MHz): <b>10.0</b> | Conducted Power (dBm): <b>18.78</b> |
| EARFCN: <b>18900</b>                   | Resource Blocks (RB): <b>50</b>      |                                     |
| RB Offset: <b>0</b>                    | Modulation: <b>64QAM</b>             |                                     |



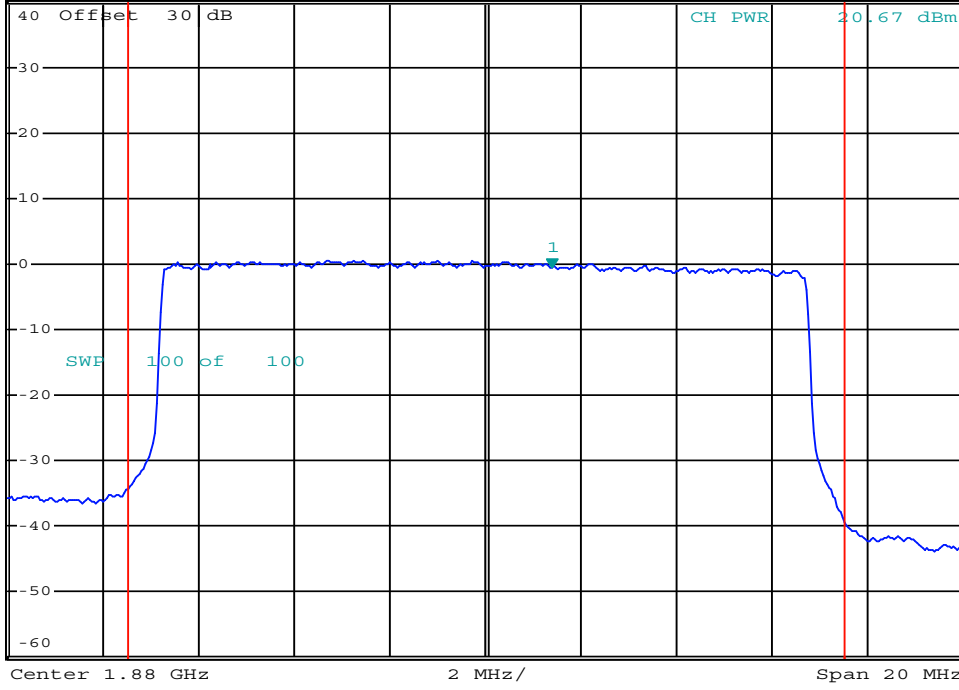
# Conducted Power: LTE Band 2



\*RBW 100 kHz    Marker 1 [T1 ]  
VBW 1 MHz                                        -0.51 dBm  
\*Att 10 dB                                        1.881410000 GHz  
\*SWT 50 ms

Ref 40 dBm

1 RM\*  
VIEW



Date: 21.APR.2021 15:59:46

|  |                                      |                                     |
|--|--------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>1880.0</b> | Channel Bandwidth (MHz): <b>15.0</b> | Conducted Power (dBm): <b>20.67</b> |
| EARFCN: <b>18900</b>                   | Resource Blocks (RB): <b>75</b>      |                                     |
| RB Offset: <b>0</b>                    | Modulation: <b>QPSK</b>              |                                     |

# Conducted Power: LTE Band 2

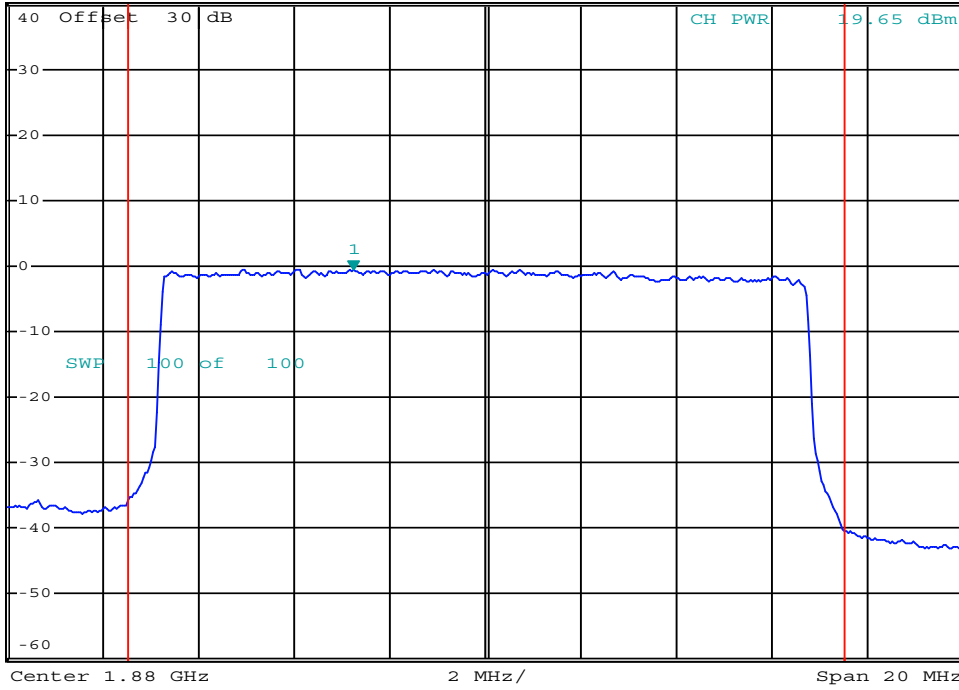


\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -0.45 dBm  
 \*SWT 50 ms 1.877240000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 21.APR.2021 16:00:42

|                          |               |                          |              |                        |              |
|--------------------------|---------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>1880.0</b> | Channel Bandwidth (MHz): | <b>15.0</b>  | Conducted Power (dBm): | <b>19.65</b> |
| EARFCN:                  | <b>18900</b>  | Resource Blocks (RB):    | <b>75</b>    |                        |              |
| RB Offset:               | <b>0</b>      | Modulation:              | <b>16QAM</b> |                        |              |

# Conducted Power: LTE Band 2

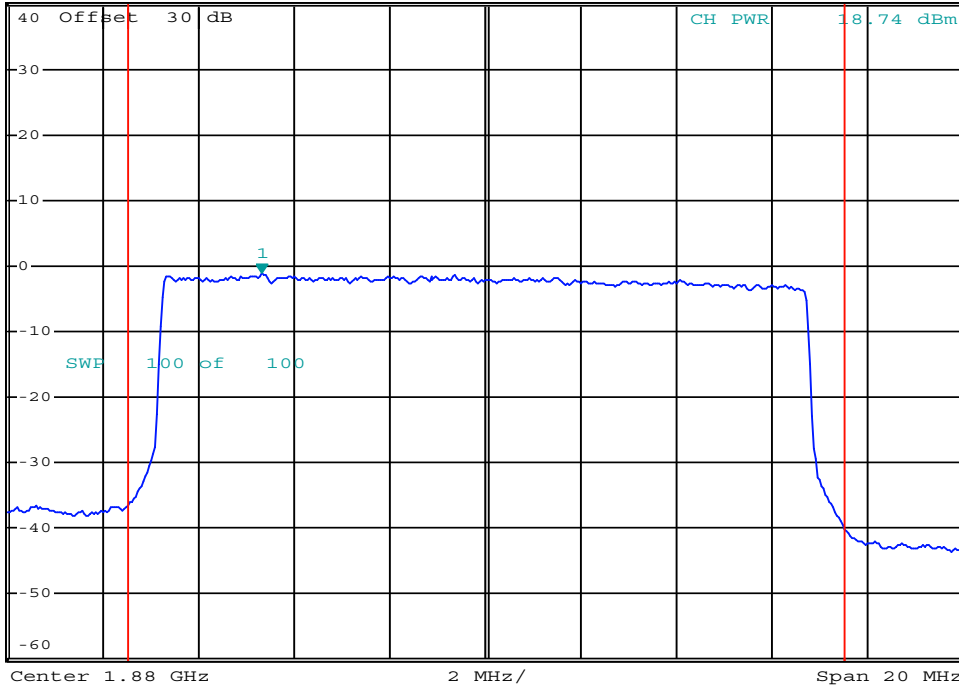


\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -1.12 dBm  
 \*SWT 50 ms 1.875320000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 21.APR.2021 16:04:08

|  |                                      |                                     |
|--|--------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>1880.0</b> | Channel Bandwidth (MHz): <b>15.0</b> | Conducted Power (dBm): <b>18.74</b> |
| EARFCN: <b>18900</b>                   | Resource Blocks (RB): <b>75</b>      |                                     |
| RB Offset: <b>0</b>                    | Modulation: <b>64QAM</b>             |                                     |

# Conducted Power: LTE Band 2

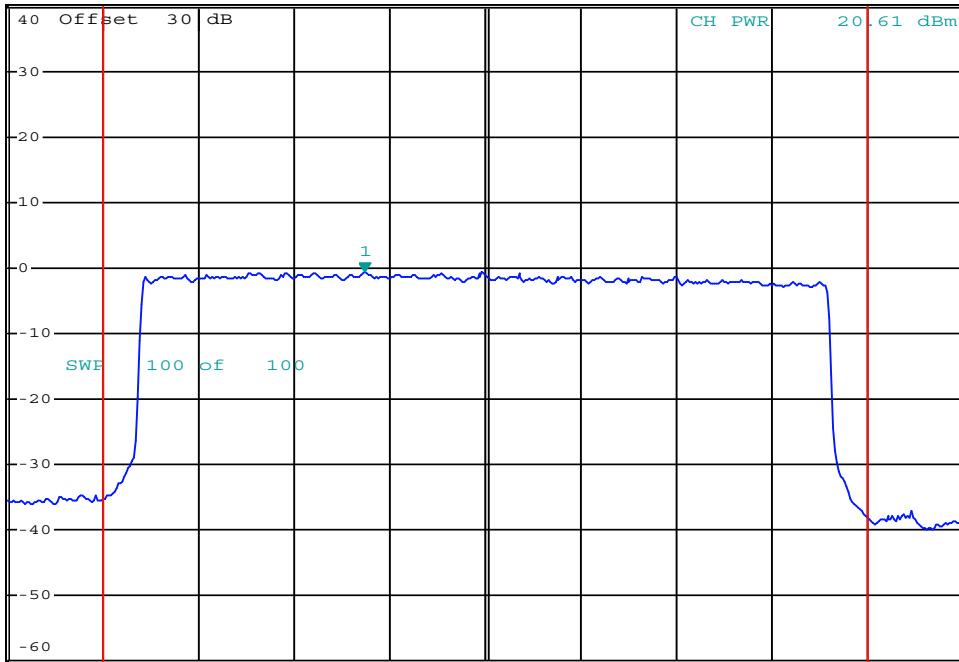


\*RBW 100 kHz Marker 1 [T1 ]  
VBW 1 MHz -0.55 dBm  
\*SWT 50 ms 1.876850000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



Date: 21.APR.2021 16:09:19

|  |                                      |                                     |
|--|--------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>1880.0</b> | Channel Bandwidth (MHz): <b>20.0</b> | Conducted Power (dBm): <b>20.61</b> |
| EARFCN: <b>18900</b>                   | Resource Blocks (RB): <b>100</b>     |                                     |
| RB Offset: <b>0</b>                    | Modulation: <b>QPSK</b>              |                                     |

# Conducted Power: LTE Band 2

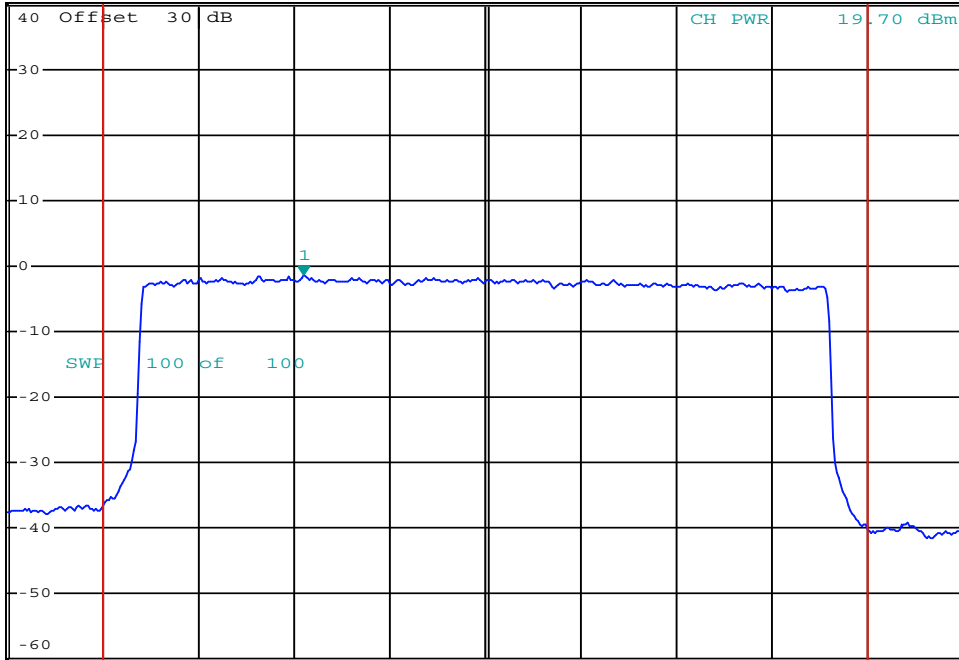


\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -1.41 dBm  
 \*SWT 50 ms 1.875250000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Center 1.88 GHz 2.5 MHz/ Span 25 MHz

Date: 21.APR.2021 16:08:19

|  |                                      |                                    |
|--|--------------------------------------|------------------------------------|
| Channel Frequency (MHz): <b>1880.0</b> | Channel Bandwidth (MHz): <b>20.0</b> | Conducted Power (dBm): <b>19.7</b> |
| EARFCN: <b>18900</b>                   | Resource Blocks (RB): <b>100</b>     |                                    |
| RB Offset: <b>0</b>                    | Modulation: <b>16QAM</b>             |                                    |

# Conducted Power: LTE Band 2

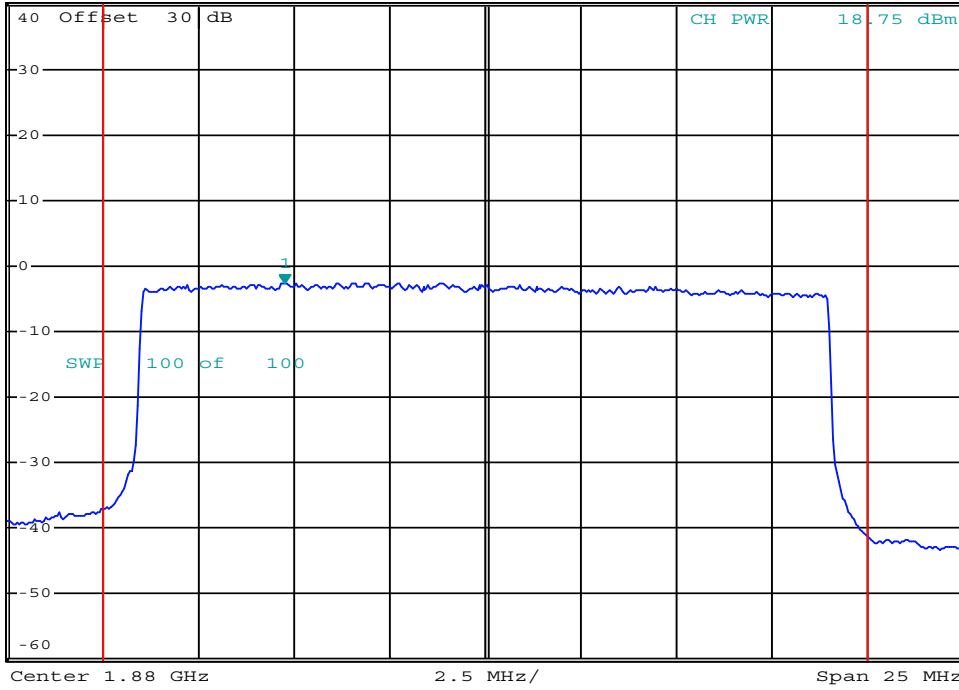


\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz -2.52 dBm  
 \*SWT 50 ms 1.874750000 GHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 21.APR.2021 16:07:17

|  |                                      |                                     |
|--|--------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>1880.0</b> | Channel Bandwidth (MHz): <b>20.0</b> | Conducted Power (dBm): <b>18.75</b> |
| EARFCN: <b>18900</b>                   | Resource Blocks (RB): <b>100</b>     |                                     |
| RB Offset: <b>0</b>                    | Modulation: <b>64QAM</b>             |                                     |

**Conducted Power Measurement Results**

| Channel Frequency (MHz) | Nominal Channel BW (MHz) | EARFCN | Resource Blocks | RB Offset | Modulation | Measured Conducted Power (dBm) | Dut Antenna Gain (dBi) | e.i.r.p. (dBm) | e.i.r.p. (W) | Limit (W) | Margin (dB) |
|-------------------------|--------------------------|--------|-----------------|-----------|------------|--------------------------------|------------------------|----------------|--------------|-----------|-------------|
| 836.5                   | 1.4                      | 20525  | 1               | 3         | QPSK       | 21.63                          | 0.60                   | 22.23          | 0.167        | 7.00      | 16.2        |
| 836.5                   | 1.4                      | 20525  | 1               | 3         | 16QAM      | 21.07                          |                        | 21.67          | 0.147        |           | 16.8        |
| 836.5                   | 1.4                      | 20525  | 1               | 3         | 64QAM      | 20.31                          |                        | 20.91          | 0.123        |           | 17.5        |
| 836.5                   | 1.4                      | 20525  | 6               | 0         | QPSK       | 21.28                          |                        | 21.88          | 0.154        |           | 16.6        |
| 836.5                   | 1.4                      | 20525  | 6               | 0         | 16QAM      | 19.92                          |                        | 20.52          | 0.113        |           | 17.9        |
| 836.5                   | 1.4                      | 20525  | 6               | 0         | 64QAM      | 19.26                          |                        | 19.86          | 0.097        |           | 18.6        |
| 836.5                   | 3                        | 20525  | 15              | 0         | QPSK       | 21.23                          |                        | 21.83          | 0.152        |           | 16.6        |
| 836.5                   | 3                        | 20525  | 15              | 0         | 16QAM      | 20.29                          |                        | 20.89          | 0.123        |           | 17.6        |
| 836.5                   | 3                        | 20525  | 15              | 0         | 64QAM      | 19.25                          |                        | 19.85          | 0.097        |           | 18.6        |
| 836.5                   | 5                        | 20525  | 25              | 0         | QPSK       | 21.44                          |                        | 22.04          | 0.160        |           | 16.4        |
| 836.5                   | 5                        | 20525  | 25              | 0         | 16QAM      | 20.30                          |                        | 20.90          | 0.123        |           | 17.6        |
| 836.5                   | 5                        | 20525  | 25              | 0         | 64QAM      | 19.49                          |                        | 20.09          | 0.102        |           | 18.4        |
| 836.5                   | 10                       | 20525  | 50              | 0         | QPSK       | 21.50                          |                        | 22.10          | 0.162        |           | 16.4        |
| 836.5                   | 10                       | 20525  | 50              | 0         | 16QAM      | 20.43                          |                        | 21.03          | 0.127        |           | 17.4        |
| 836.5                   | 10                       | 20525  | 50              | 0         | 64QAM      | 19.54                          |                        | 20.14          | 0.103        |           | 18.3        |
| <b>Complies</b>         |                          |        |                 |           |            |                                |                        |                |              |           |             |

# Conducted Power: LTE Band 5

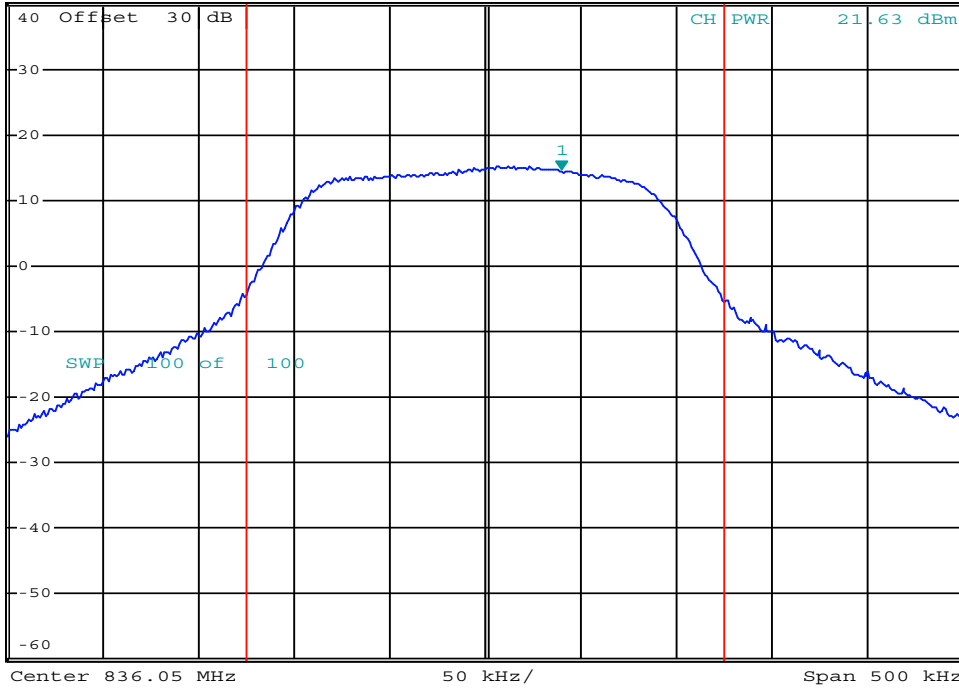


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    14.65 dBm  
 \*SWT 50 ms    836.09000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 22.APR.2021 09:26:10

|                          |              |                          |             |                        |              |
|--------------------------|--------------|--------------------------|-------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>1.4</b>  | Conducted Power (dBm): | <b>21.63</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>1</b>    |                        |              |
| RB Offset:               | <b>3</b>     | Modulation:              | <b>QPSK</b> |                        |              |



# Conducted Power: LTE Band 5

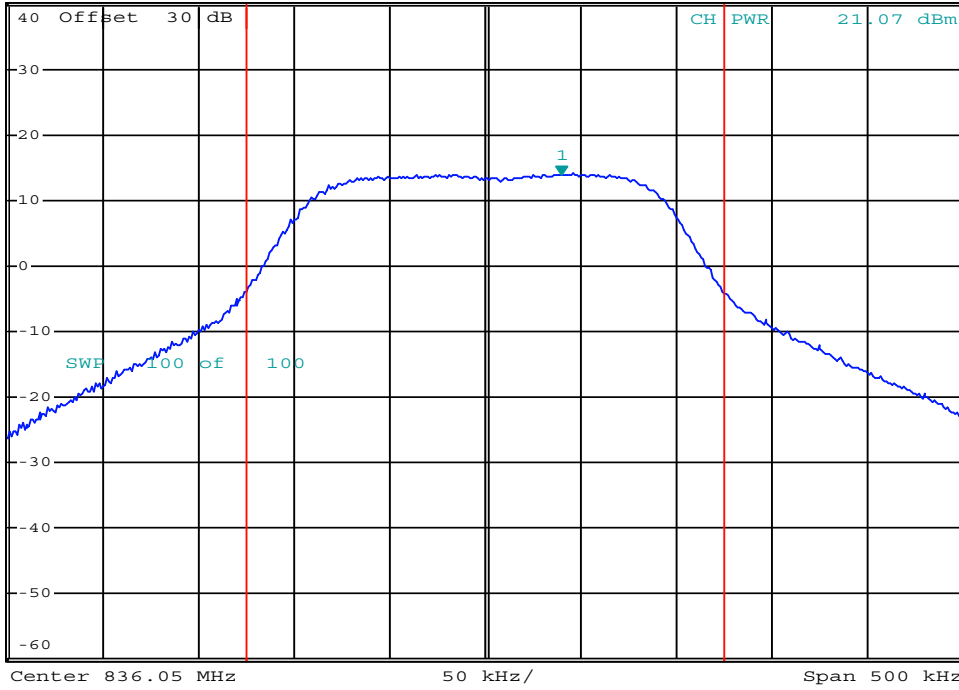


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    13.91 dBm  
 \*SWT 50 ms    836.09000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 22.APR.2021 09:27:23

|                          |              |                          |              |                        |              |
|--------------------------|--------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>1.4</b>   | Conducted Power (dBm): | <b>21.07</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>1</b>     |                        |              |
| RB Offset:               | <b>3</b>     | Modulation:              | <b>16QAM</b> |                        |              |

# Conducted Power: LTE Band 5

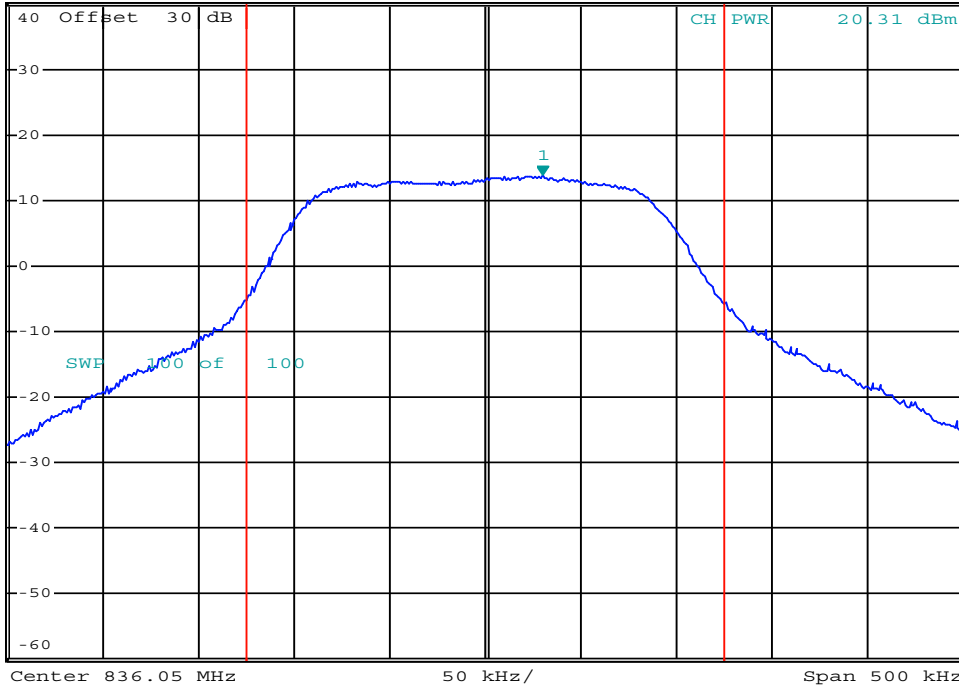


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    13.78 dBm  
 \*SWT 50 ms    836.08000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



Date: 22.APR.2021 09:28:26

|                          |              |                          |              |                        |              |
|--------------------------|--------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>1.4</b>   | Conducted Power (dBm): | <b>20.31</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>1</b>     |                        |              |
| RB Offset:               | <b>3</b>     | Modulation:              | <b>64QAM</b> |                        |              |

# Conducted Power: LTE Band 5

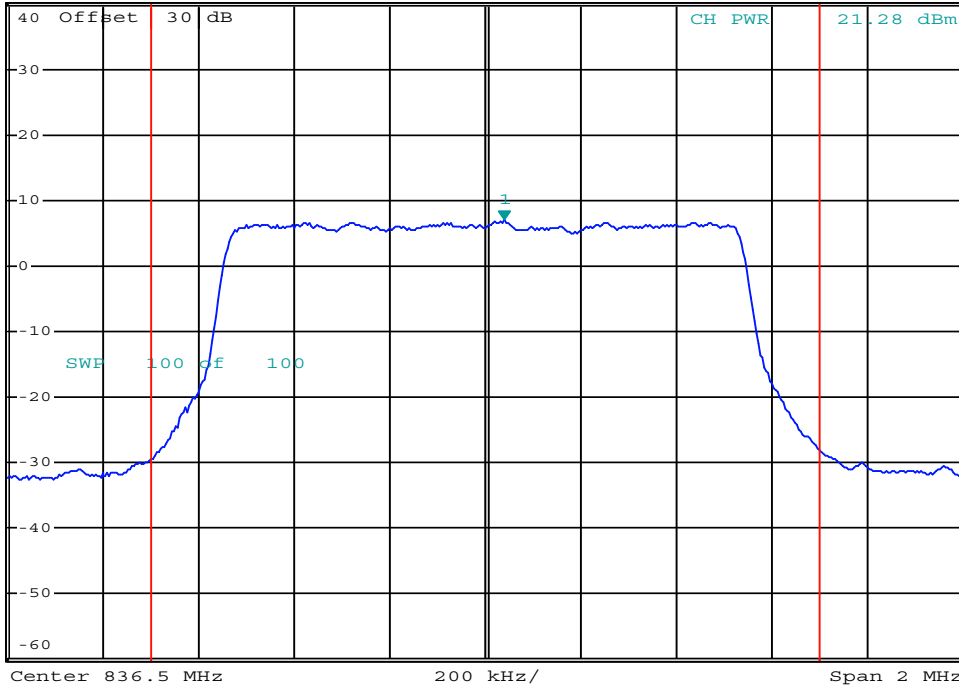


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    6.97 dBm  
 \*SWT 50 ms    836.540000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



Date: 22.APR.2021 09:34:55

|                          |              |                          |             |                        |              |
|--------------------------|--------------|--------------------------|-------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>1.4</b>  | Conducted Power (dBm): | <b>21.28</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>6</b>    |                        |              |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>QPSK</b> |                        |              |

# Conducted Power: LTE Band 5

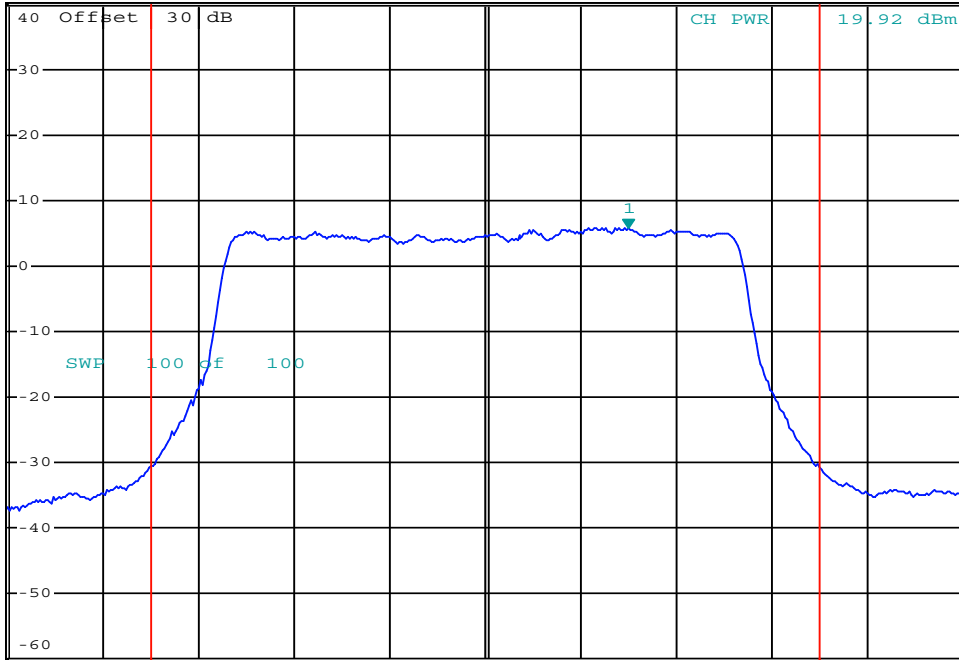


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    5.79 dBm  
 \*SWT 50 ms    836.80000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Center 836.5 MHz      200 kHz/      Span 2 MHz

Date: 22.APR.2021 09:33:25

|                                       |                                     |                                     |
|---------------------------------------|-------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>836.5</b> | Channel Bandwidth (MHz): <b>1.4</b> | Conducted Power (dBm): <b>19.92</b> |
| EARFCN: <b>20525</b>                  | Resource Blocks (RB): <b>6</b>      |                                     |
| RB Offset: <b>0</b>                   | Modulation: <b>16QAM</b>            |                                     |

# Conducted Power: LTE Band 5

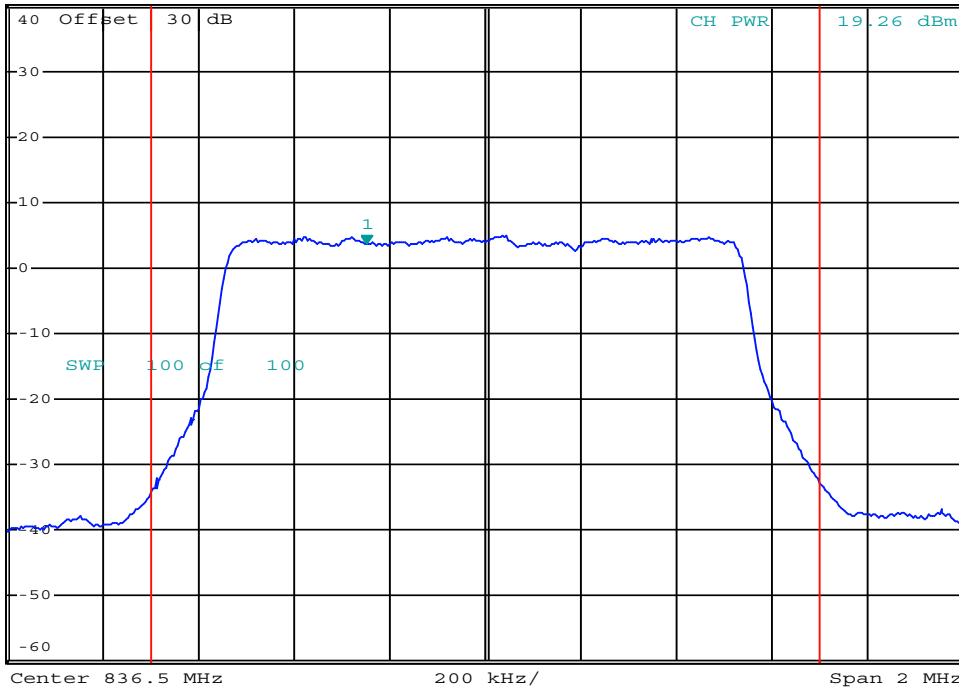


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    3.76 dBm  
 \*SWT 50 ms    836.25000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 22.APR.2021 09:32:17

Channel Frequency (MHz): **836.5**

Channel Bandwidth (MHz): **1.4**

EARFCN: **20525**

Resource Blocks (RB): **6**

Conducted Power (dBm): **19.26**

RB Offset: **0**

Modulation: **64QAM**

# Conducted Power: LTE Band 5

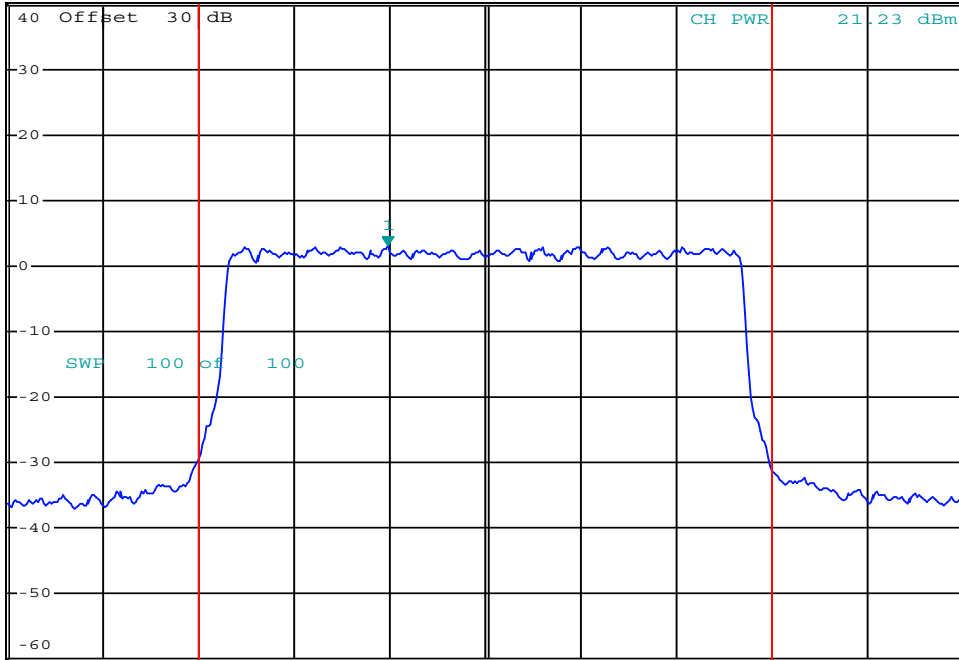


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    3.01 dBm  
 \*SWT 50 ms    835.990000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Center 836.5 MHz    500 kHz/    Span 5 MHz

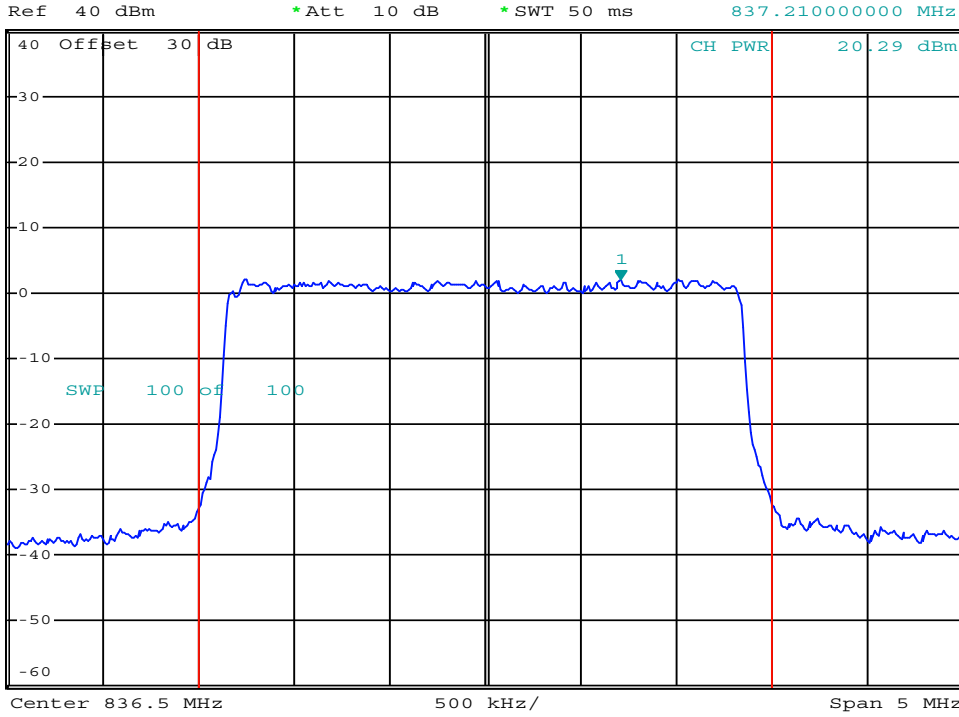
Date: 22.APR.2021 09:36:38

|                          |              |                          |             |                        |              |
|--------------------------|--------------|--------------------------|-------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>3.0</b>  | Conducted Power (dBm): | <b>21.23</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>15</b>   |                        |              |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>QPSK</b> |                        |              |

# Conducted Power: LTE Band 5



\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    2.19 dBm  
 \*SWT 50 ms    837.21000000 MHz



Date: 22.APR.2021 09:37:44

|                          |              |                          |              |                        |              |
|--------------------------|--------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>3.0</b>   | Conducted Power (dBm): | <b>20.29</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>15</b>    |                        |              |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>16QAM</b> |                        |              |

# Conducted Power: LTE Band 5

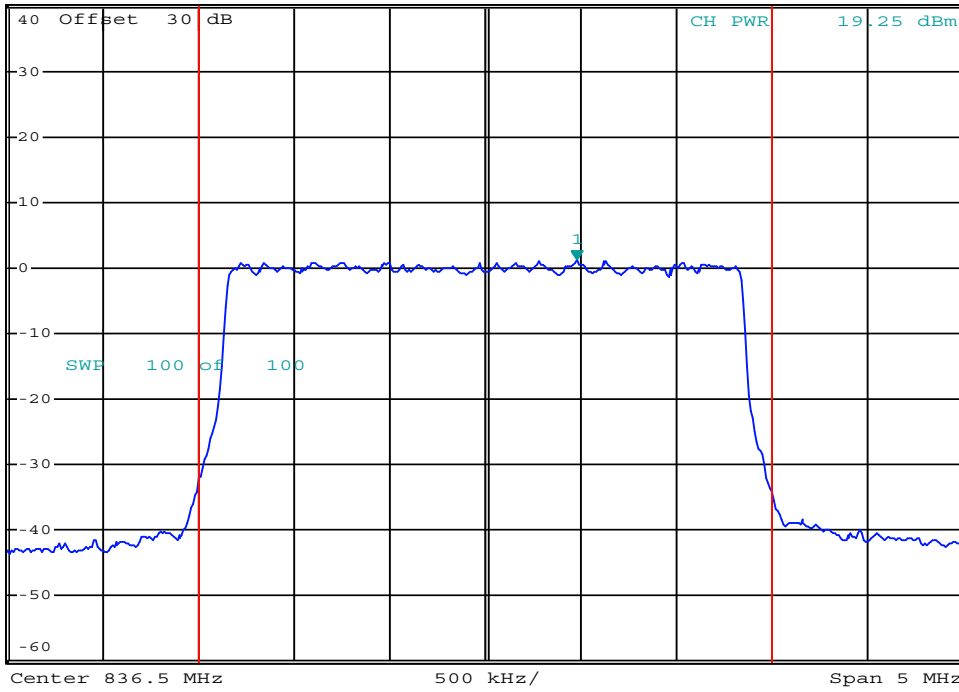


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    1.17 dBm  
 \*SWT 50 ms    836.980000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



Date: 22.APR.2021 09:38:40

|                          |              |                          |              |                        |              |
|--------------------------|--------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>3.0</b>   | Conducted Power (dBm): | <b>19.25</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>15</b>    |                        |              |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>64QAM</b> |                        |              |



# Conducted Power: LTE Band 5

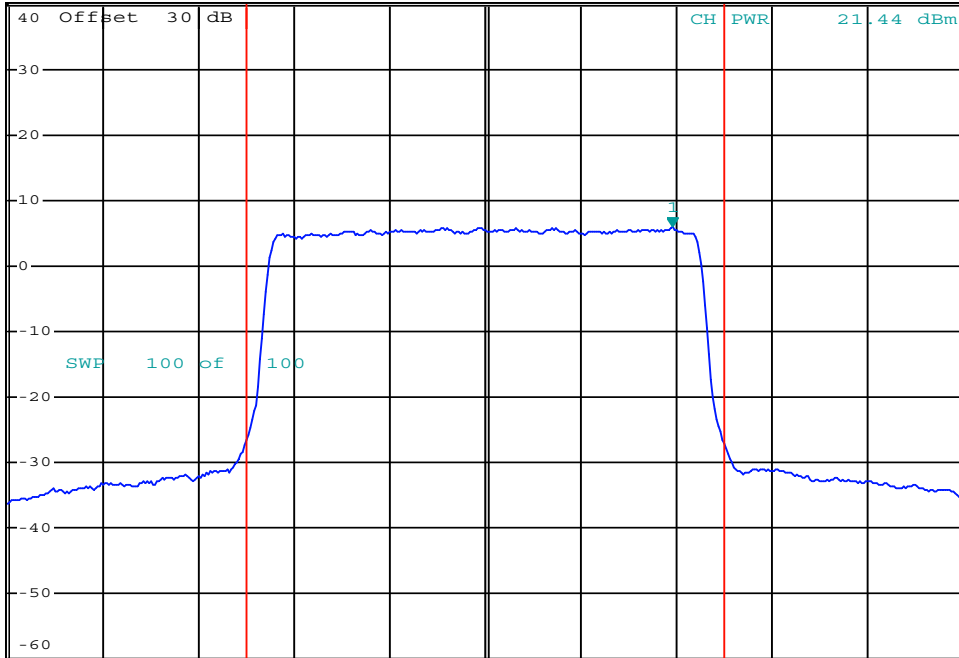


\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 1 MHz                    5.88 dBm  
 \*SWT 50 ms                    838.46000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



A

LVL

3DB

Center 836.5 MHz

1 MHz/

Span 10 MHz

Date: 22.APR.2021 09:42:57

|                          |              |                          |             |                        |              |
|--------------------------|--------------|--------------------------|-------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>5.0</b>  | Conducted Power (dBm): | <b>21.44</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>25</b>   |                        |              |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>QPSK</b> |                        |              |

# Conducted Power: LTE Band 5

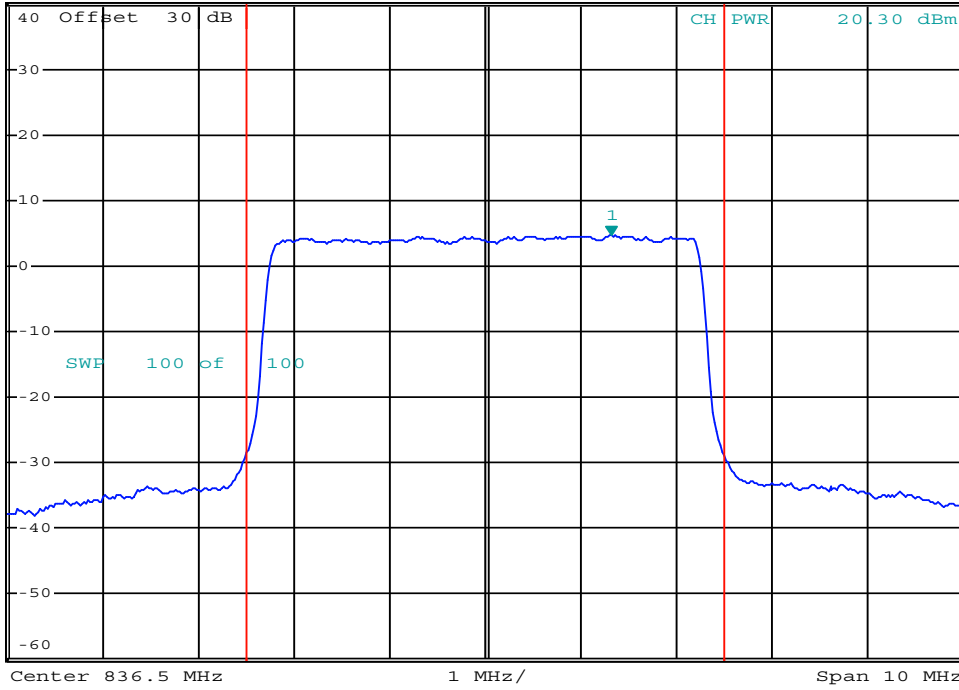


\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz 4.77 dBm  
 \*SWT 50 ms 837.82000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 22.APR.2021 09:41:58

|                          |              |                          |              |                        |             |
|--------------------------|--------------|--------------------------|--------------|------------------------|-------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>5.0</b>   | Conducted Power (dBm): | <b>20.3</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>25</b>    |                        |             |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>16QAM</b> |                        |             |

# Conducted Power: LTE Band 5

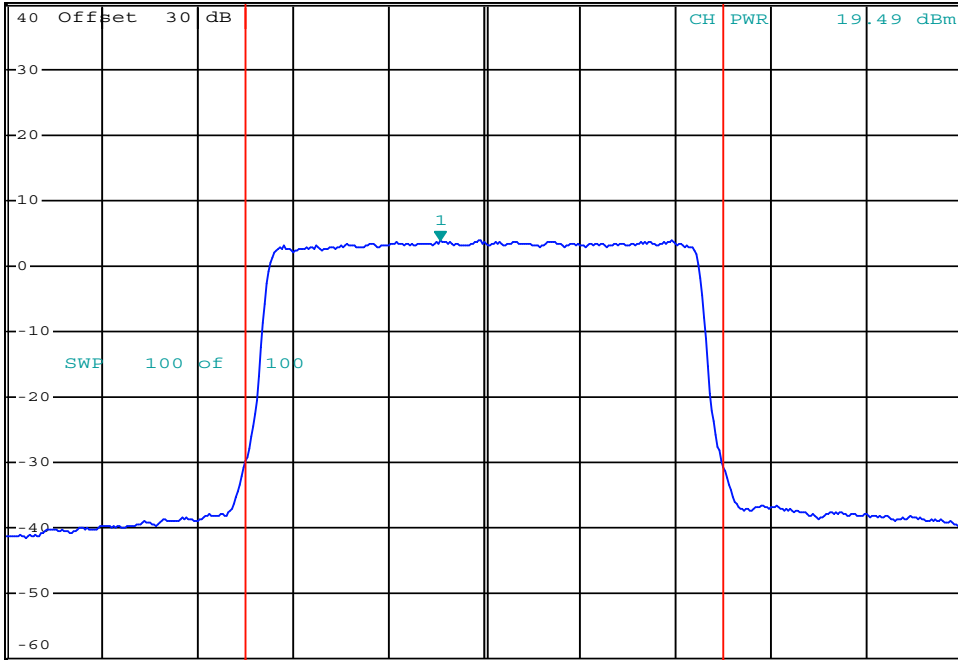


\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 1 MHz                      3.86 dBm  
 \*SWT 50 ms                      836.04000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



A

LVL

3DB

Center 836.5 MHz

1 MHz/

Span 10 MHz

Date: 22.APR.2021 09:41:03

|                          |              |                          |              |                        |              |
|--------------------------|--------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>5.0</b>   | Conducted Power (dBm): | <b>19.49</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>25</b>    |                        |              |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>64QAM</b> |                        |              |

# Conducted Power: LTE Band 5

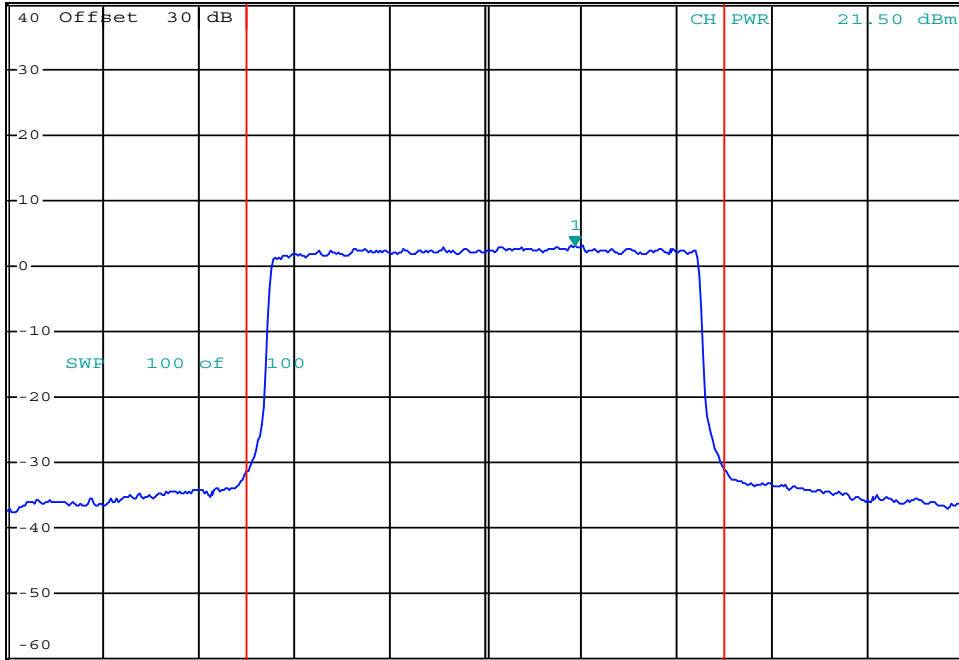


\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz 3.13 dBm  
 \*SWT 50 ms 838.38000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Center 836.5 MHz 2 MHz/ Span 20 MHz

Date: 22.APR.2021 09:45:07

|                          |              |                          |             |                        |             |
|--------------------------|--------------|--------------------------|-------------|------------------------|-------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>10.0</b> | Conducted Power (dBm): | <b>21.5</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>50</b>   |                        |             |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>QPSK</b> |                        |             |

# Conducted Power: LTE Band 5

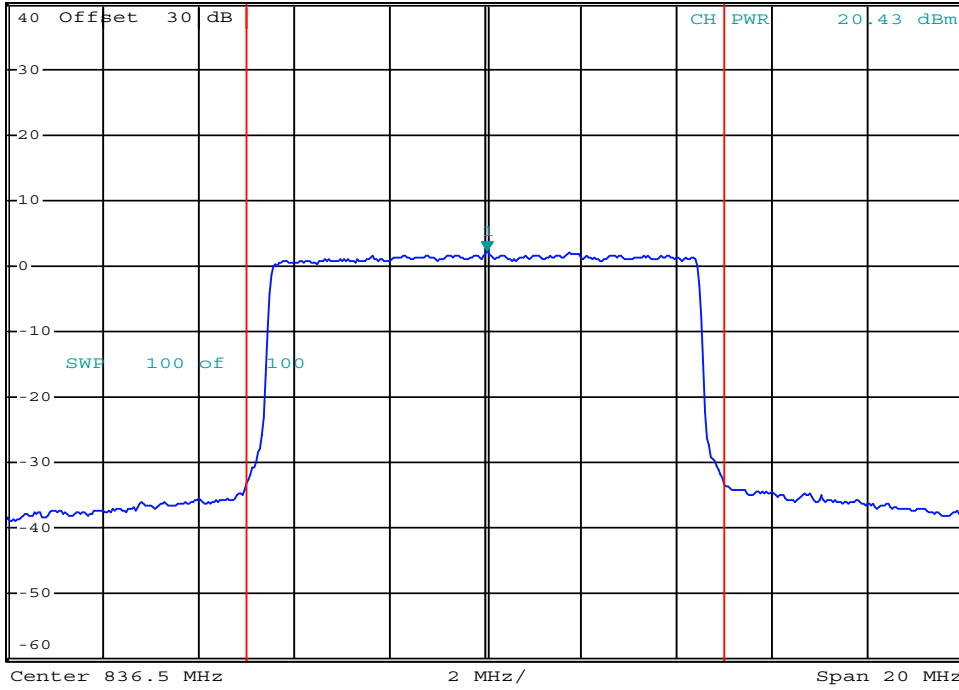


\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz 2.27 dBm  
 \*SWT 50 ms 836.54000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



A

LVL

3DB

Date: 22.APR.2021 09:46:04

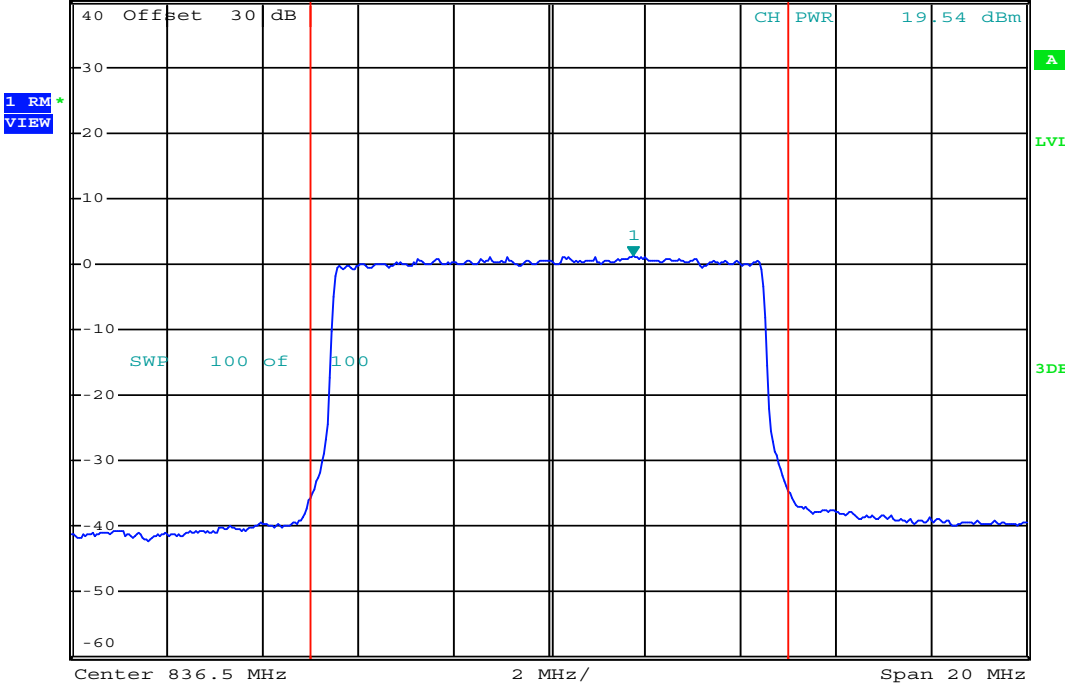
|                          |              |                          |              |                        |              |
|--------------------------|--------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>836.5</b> | Channel Bandwidth (MHz): | <b>10.0</b>  | Conducted Power (dBm): | <b>20.43</b> |
| EARFCN:                  | <b>20525</b> | Resource Blocks (RB):    | <b>50</b>    |                        |              |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>16QAM</b> |                        |              |

# Conducted Power: LTE Band 5



\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz 1.16 dBm  
 \*Att 10 dB  
 \*SWT 50 ms 838.260000000 MHz

Ref 40 dBm



Date: 22.APR.2021 09:46:59

|                                       |                                      |                                     |
|---------------------------------------|--------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>836.5</b> | Channel Bandwidth (MHz): <b>10.0</b> | Conducted Power (dBm): <b>19.54</b> |
| EARFCN: <b>20525</b>                  | Resource Blocks (RB): <b>50</b>      |                                     |
| RB Offset: <b>0</b>                   | Modulation: <b>64QAM</b>             |                                     |

**Conducted Power Measurement Results**

| Channel Frequency (MHz) | Nominal Channel BW (MHz) | EARFCN | Resource Blocks | RB Offset | Modulation | Measured Conducted Power (dBm) | Dut Antenna Gain (dBi) | e.i.r.p. (dBm) | e.i.r.p. (W) | Limit (W) | Margin (dB) |
|-------------------------|--------------------------|--------|-----------------|-----------|------------|--------------------------------|------------------------|----------------|--------------|-----------|-------------|
| 707.5                   | 1.4                      | 23095  | 1               | 3         | QPSK       | 22.02                          | 0.60                   | 22.62          | 0.183        | 3.00      | 12.2        |
| 707.5                   | 1.4                      | 23095  | 1               | 3         | 16QAM      | 21.42                          |                        | 22.02          | 0.159        |           | 12.8        |
| 707.5                   | 1.4                      | 23095  | 1               | 3         | 64QAM      | 20.58                          |                        | 21.18          | 0.131        |           | 13.6        |
| 707.5                   | 1.4                      | 23095  | 6               | 0         | QPSK       | 21.29                          |                        | 21.89          | 0.155        |           | 12.9        |
| 707.5                   | 1.4                      | 23095  | 6               | 0         | 16QAM      | 20.23                          |                        | 20.83          | 0.121        |           | 13.9        |
| 707.5                   | 1.4                      | 23095  | 6               | 0         | 64QAM      | 19.44                          |                        | 20.04          | 0.101        |           | 14.7        |
| 707.5                   | 3                        | 23095  | 15              | 0         | QPSK       | 21.29                          |                        | 21.89          | 0.155        |           | 12.9        |
| 707.5                   | 3                        | 23095  | 15              | 0         | 16QAM      | 20.38                          |                        | 20.98          | 0.125        |           | 13.8        |
| 707.5                   | 3                        | 23095  | 15              | 0         | 64QAM      | 19.42                          |                        | 20.02          | 0.100        |           | 14.8        |
| 707.5                   | 5                        | 23095  | 25              | 0         | QPSK       | 21.55                          |                        | 22.15          | 0.164        |           | 12.6        |
| 707.5                   | 5                        | 23095  | 25              | 0         | 16QAM      | 20.45                          |                        | 21.05          | 0.127        |           | 13.7        |
| 707.5                   | 5                        | 23095  | 25              | 0         | 64QAM      | 19.65                          |                        | 20.25          | 0.106        |           | 14.5        |
| 707.5                   | 10                       | 23095  | 50              | 0         | QPSK       | 21.50                          |                        | 22.10          | 0.162        |           | 12.7        |
| 707.5                   | 10                       | 23095  | 50              | 0         | 16QAM      | 20.55                          |                        | 21.15          | 0.130        |           | 13.6        |
| 707.5                   | 10                       | 23095  | 50              | 0         | 64QAM      | 19.58                          |                        | 20.18          | 0.104        |           | 14.6        |
| <b>Complies</b>         |                          |        |                 |           |            |                                |                        |                |              |           |             |

# Conducted Power: LTE Band 12

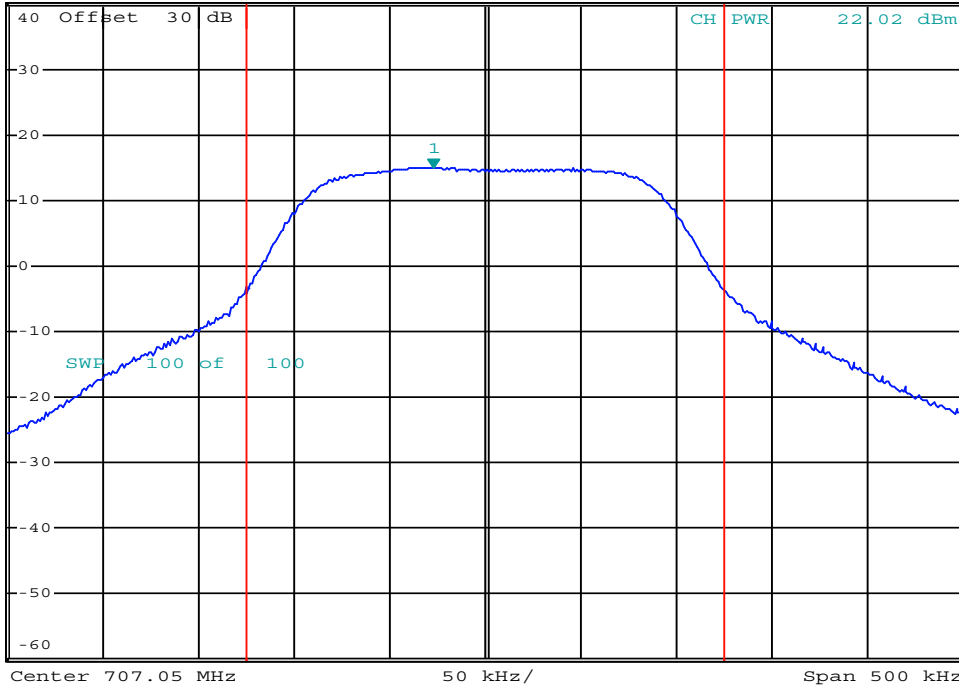


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    15.03 dBm  
 \*SWT 50 ms    707.023000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 22.APR.2021 10:07:41

|                                       |                                     |                                     |
|---------------------------------------|-------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>707.5</b> | Channel Bandwidth (MHz): <b>1.4</b> | Conducted Power (dBm): <b>22.02</b> |
| EARFCN: <b>23095</b>                  | Resource Blocks (RB): <b>1</b>      |                                     |
| RB Offset: <b>3</b>                   | Modulation: <b>QPSK</b>             |                                     |



# Conducted Power: LTE Band 12

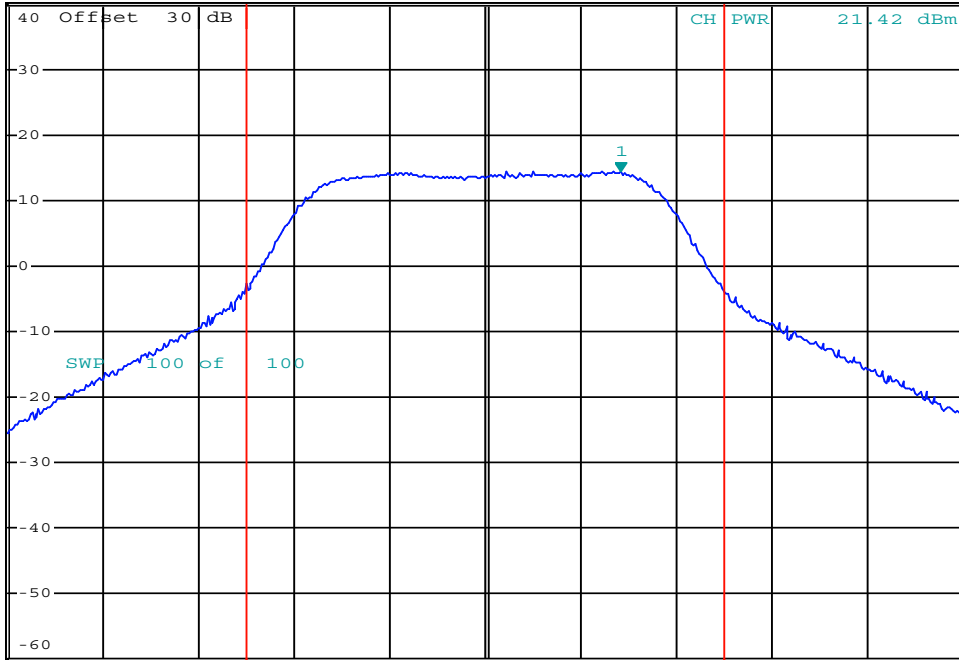


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    14.42 dBm  
 \*SWT 50 ms    707.121000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



A

LVL

3DB

Date: 22.APR.2021 10:05:05

|                          |              |                          |              |                        |              |
|--------------------------|--------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>707.5</b> | Channel Bandwidth (MHz): | <b>1.4</b>   | Conducted Power (dBm): | <b>21.42</b> |
| EARFCN:                  | <b>23095</b> | Resource Blocks (RB):    | <b>1</b>     |                        |              |
| RB Offset:               | <b>3</b>     | Modulation:              | <b>16QAM</b> |                        |              |

# Conducted Power: LTE Band 12

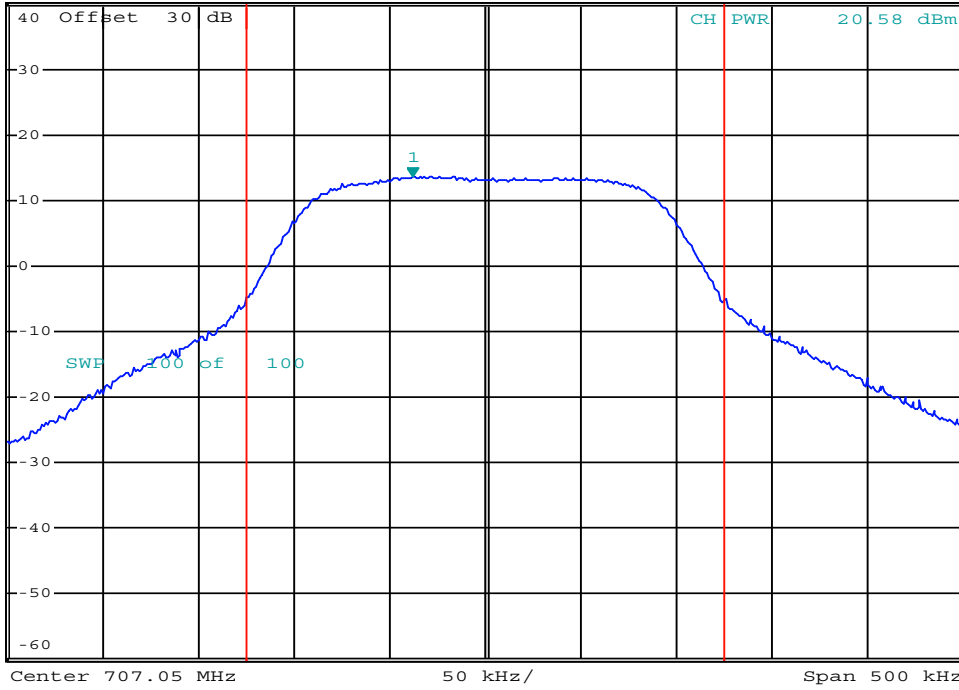


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    13.66 dBm  
 \*SWT 50 ms    707.012000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



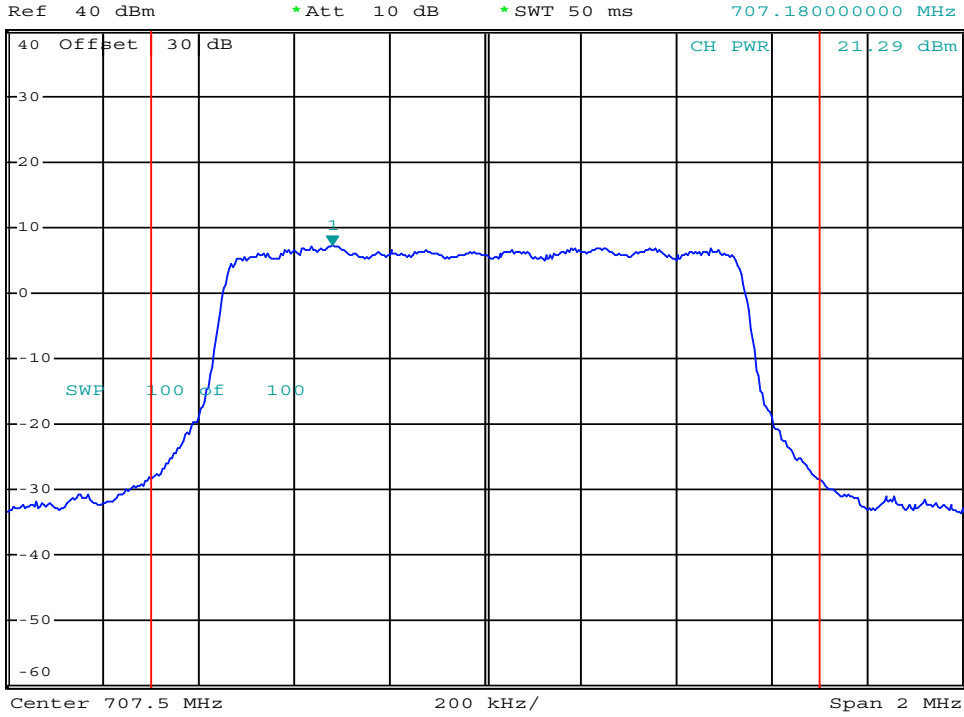
Date: 22.APR.2021 10:06:02

|                                       |                                     |                                     |
|---------------------------------------|-------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>707.5</b> | Channel Bandwidth (MHz): <b>1.4</b> | Conducted Power (dBm): <b>20.58</b> |
| EARFCN: <b>23095</b>                  | Resource Blocks (RB): <b>1</b>      |                                     |
| RB Offset: <b>3</b>                   | Modulation: <b>64QAM</b>            |                                     |

# Conducted Power: LTE Band 12



\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    7.36 dBm  
 \*SWT 50 ms    707.18000000 MHz



Date: 22.APR.2021 10:09:27

|                                       |                                     |                                     |
|---------------------------------------|-------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>707.5</b> | Channel Bandwidth (MHz): <b>1.4</b> | Conducted Power (dBm): <b>21.29</b> |
| EARFCN: <b>23095</b>                  | Resource Blocks (RB): <b>6</b>      |                                     |
| RB Offset: <b>0</b>                   | Modulation: <b>QPSK</b>             |                                     |

# Conducted Power: LTE Band 12

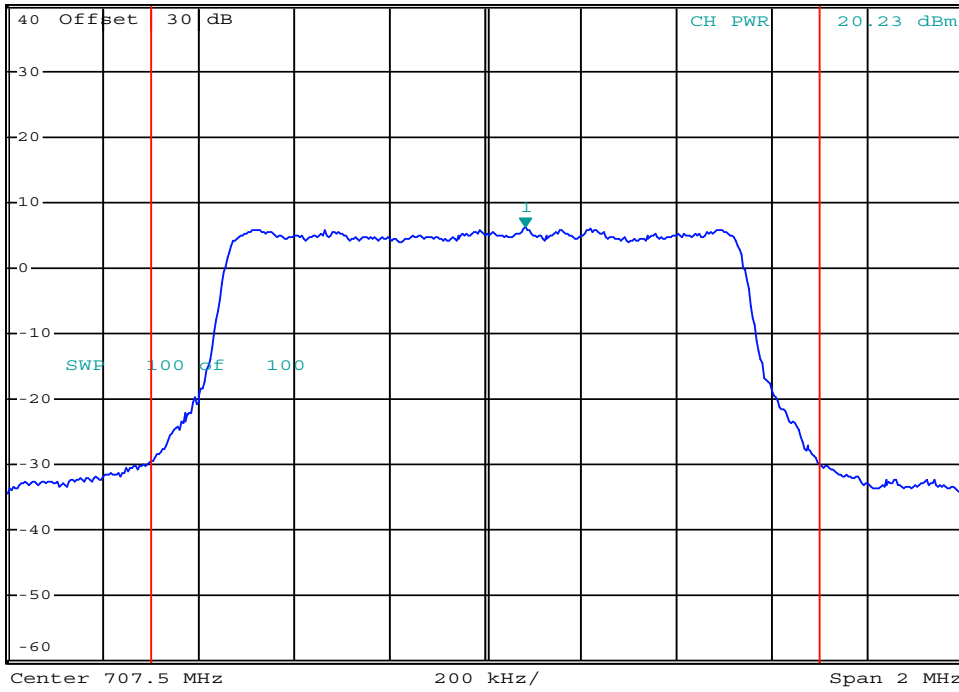


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    6.22 dBm  
 \*SWT 50 ms    707.584000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



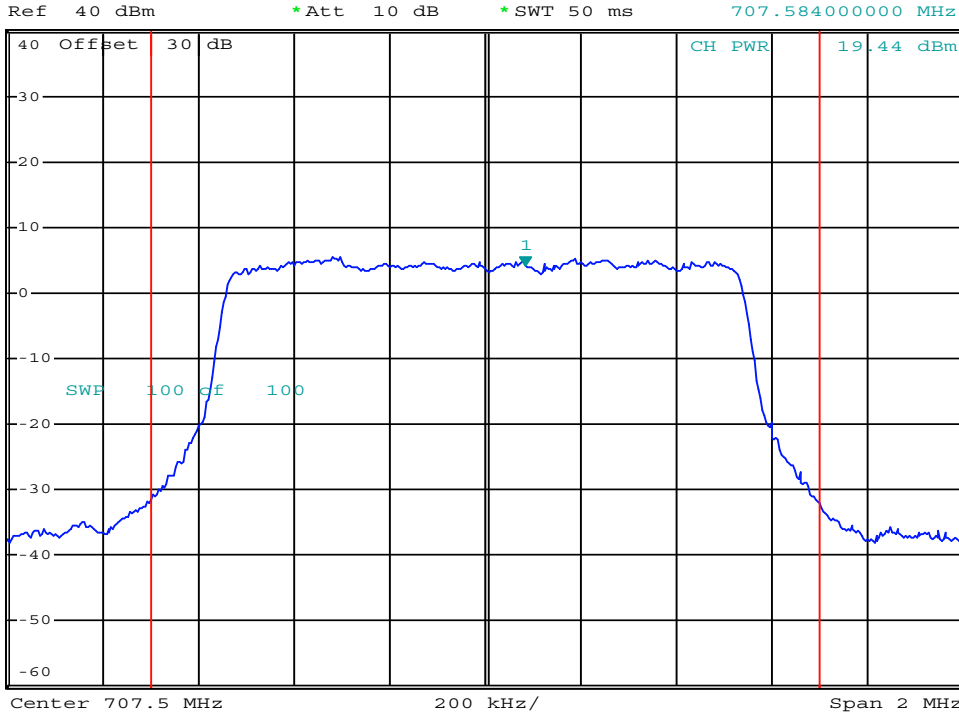
Date: 22.APR.2021 10:10:23

|                                       |                                     |                                     |
|---------------------------------------|-------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>707.5</b> | Channel Bandwidth (MHz): <b>1.4</b> | Conducted Power (dBm): <b>20.23</b> |
| EARFCN: <b>23095</b>                  | Resource Blocks (RB): <b>6</b>      |                                     |
| RB Offset: <b>0</b>                   | Modulation: <b>16QAM</b>            |                                     |

# Conducted Power: LTE Band 12



\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    4.15 dBm  
 \*SWT 50 ms    707.584000000 MHz



Date: 22.APR.2021 10:11:16

|                          |              |                          |              |                        |              |
|--------------------------|--------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>707.5</b> | Channel Bandwidth (MHz): | <b>1.4</b>   | Conducted Power (dBm): | <b>19.44</b> |
| EARFCN:                  | <b>23095</b> | Resource Blocks (RB):    | <b>6</b>     |                        |              |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>64QAM</b> |                        |              |

# Conducted Power: LTE Band 12

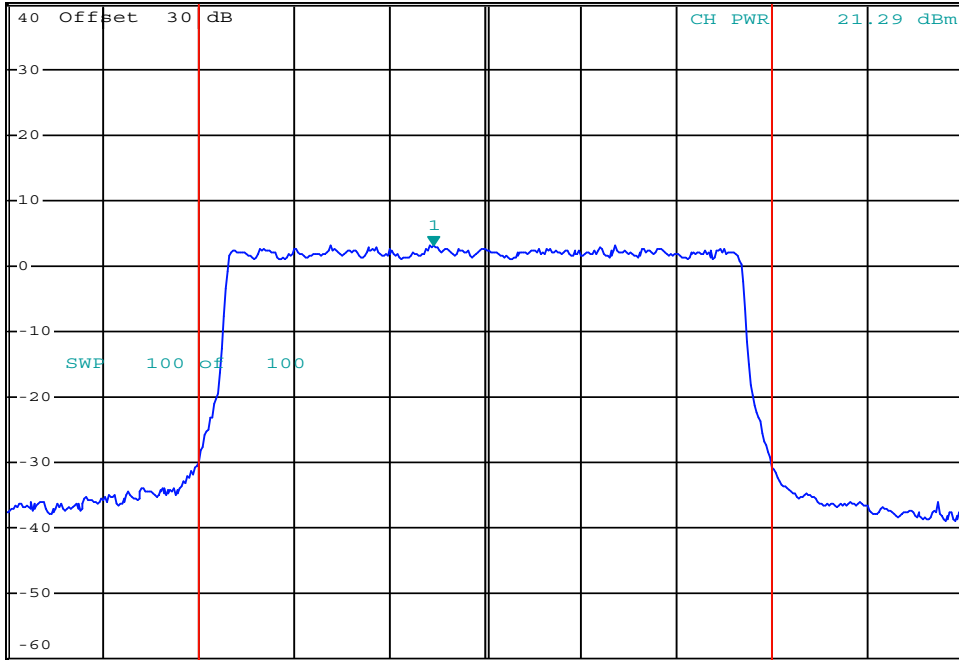


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    3.22 dBm  
 \*SWT 50 ms    707.230000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Center 707.5 MHz    500 kHz/    Span 5 MHz

Date: 22.APR.2021 10:14:47

|                                       |                                     |                                     |
|---------------------------------------|-------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>707.5</b> | Channel Bandwidth (MHz): <b>3.0</b> | Conducted Power (dBm): <b>21.29</b> |
| EARFCN: <b>23095</b>                  | Resource Blocks (RB): <b>15</b>     |                                     |
| RB Offset: <b>0</b>                   | Modulation: <b>QPSK</b>             |                                     |

# Conducted Power: LTE Band 12

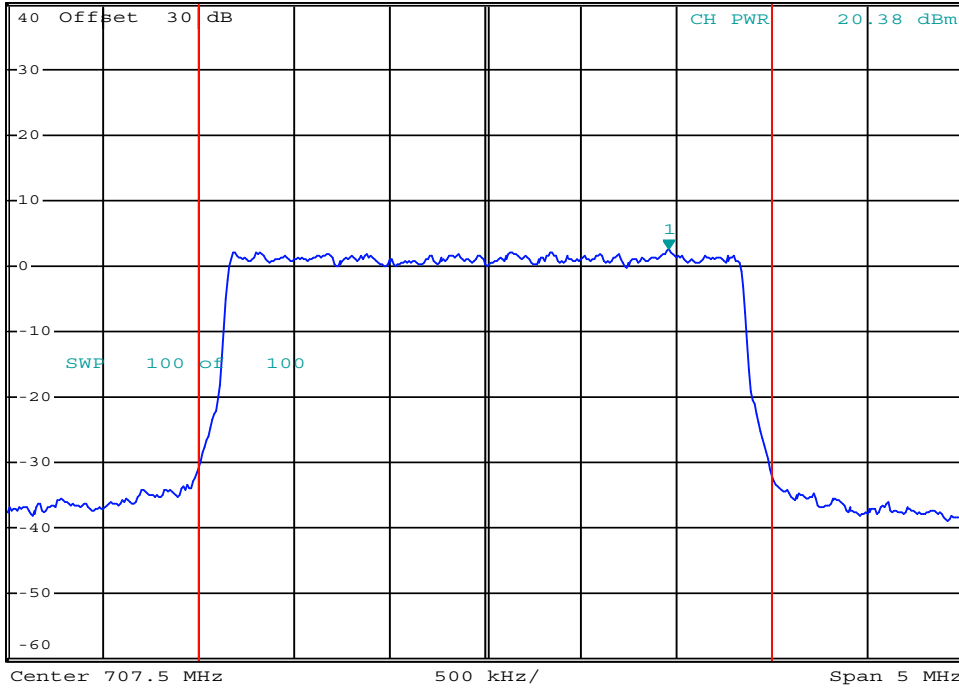


\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    2.55 dBm  
 \*SWT 50 ms    708.460000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 22.APR.2021 10:13:56

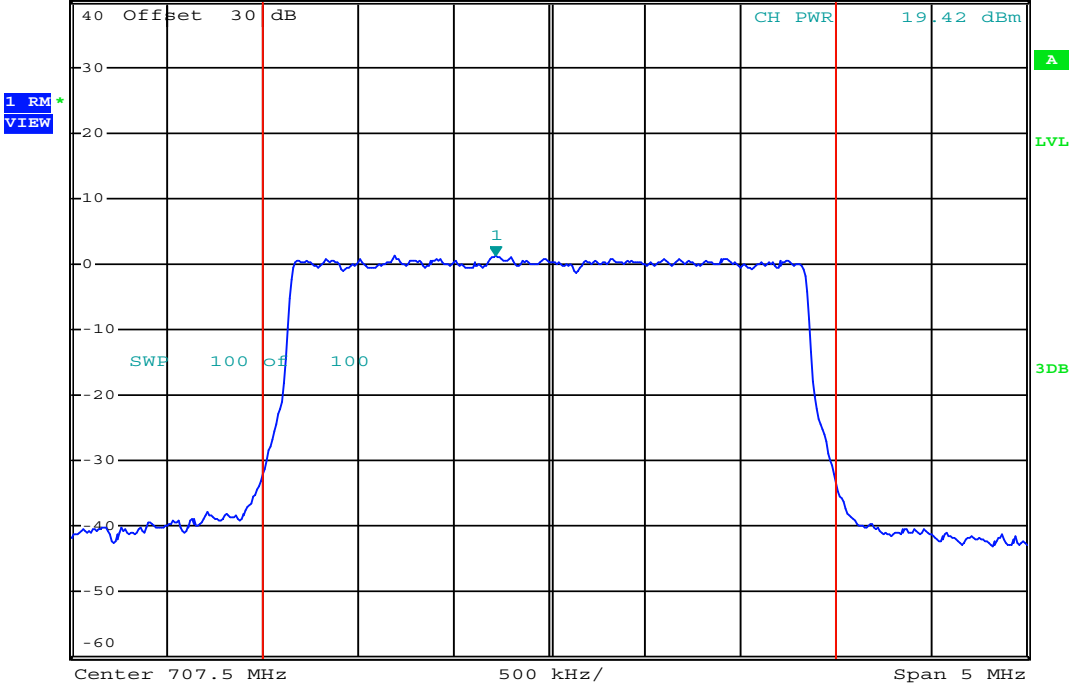
|                                       |                                     |                                     |
|---------------------------------------|-------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>707.5</b> | Channel Bandwidth (MHz): <b>3.0</b> | Conducted Power (dBm): <b>20.38</b> |
| EARFCN: <b>23095</b>                  | Resource Blocks (RB): <b>15</b>     |                                     |
| RB Offset: <b>0</b>                   | Modulation: <b>16QAM</b>            |                                     |

# Conducted Power: LTE Band 12



\*RBW 30 kHz    Marker 1 [T1 ]  
 VBW 300 kHz    1.20 dBm  
 \*SWT 50 ms    707.22000000 MHz

Ref 40 dBm    \*Att 10 dB



Date: 22.APR.2021 10:13:01

|                          |              |                          |              |                        |              |
|--------------------------|--------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>707.5</b> | Channel Bandwidth (MHz): | <b>3.0</b>   | Conducted Power (dBm): | <b>19.42</b> |
| EARFCN:                  | <b>23095</b> | Resource Blocks (RB):    | <b>15</b>    |                        |              |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>64QAM</b> |                        |              |



# Conducted Power: LTE Band 12



\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 1 MHz                    6.37 dBm  
 \*Att 10 dB                    708.20000000 MHz

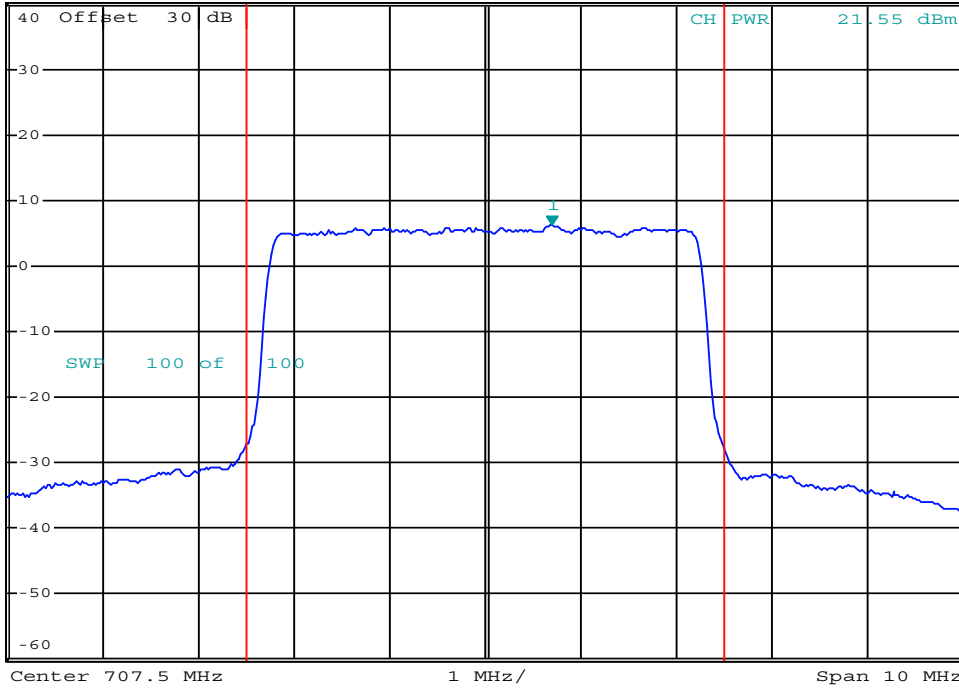
Ref 40 dBm

\*Att 10 dB

\*SWT 50 ms

708.20000000 MHz

1 RM\*  
VIEW



Date: 22.APR.2021 10:23:23

|                                       |                                     |                                     |
|---------------------------------------|-------------------------------------|-------------------------------------|
| Channel Frequency (MHz): <b>707.5</b> | Channel Bandwidth (MHz): <b>5.0</b> | Conducted Power (dBm): <b>21.55</b> |
| EARFCN: <b>23095</b>                  | Resource Blocks (RB): <b>25</b>     |                                     |
| RB Offset: <b>0</b>                   | Modulation: <b>QPSK</b>             |                                     |

# Conducted Power: LTE Band 12

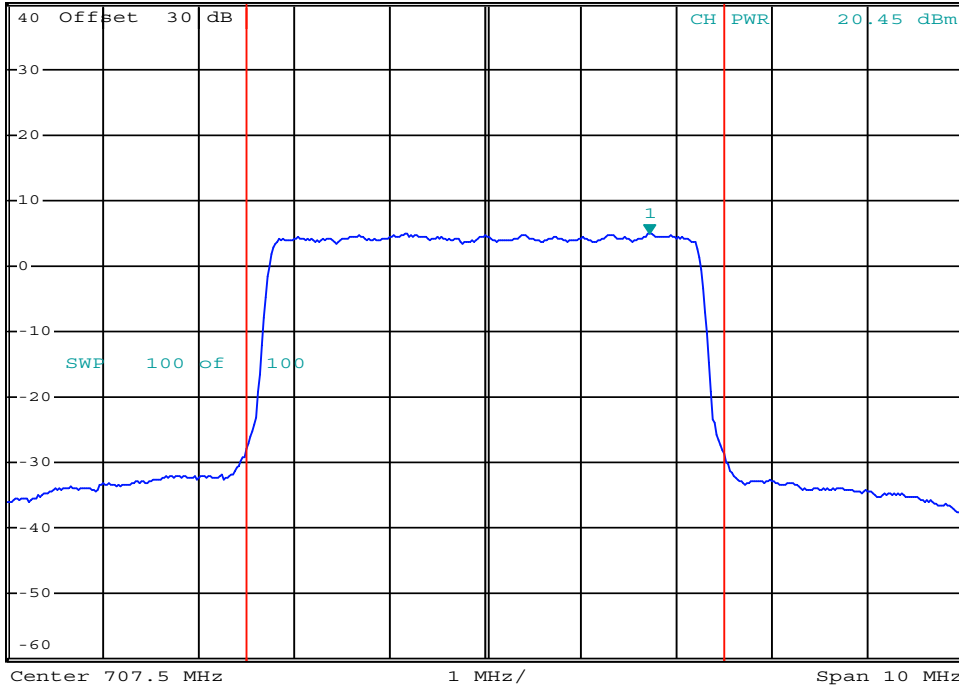


\*RBW 100 kHz Marker 1 [T1 ]  
VBW 1 MHz 4.98 dBm  
\*SWT 50 ms 709.22000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



Date: 22.APR.2021 10:22:30

Channel Frequency (MHz): **707.5**

Channel Bandwidth (MHz): **5.0**

EARFCN: **23095**

Resource Blocks (RB): **25**

RB Offset: **0**

Modulation: **16QAM**

Conducted Power (dBm): **20.45**

# Conducted Power: LTE Band 12

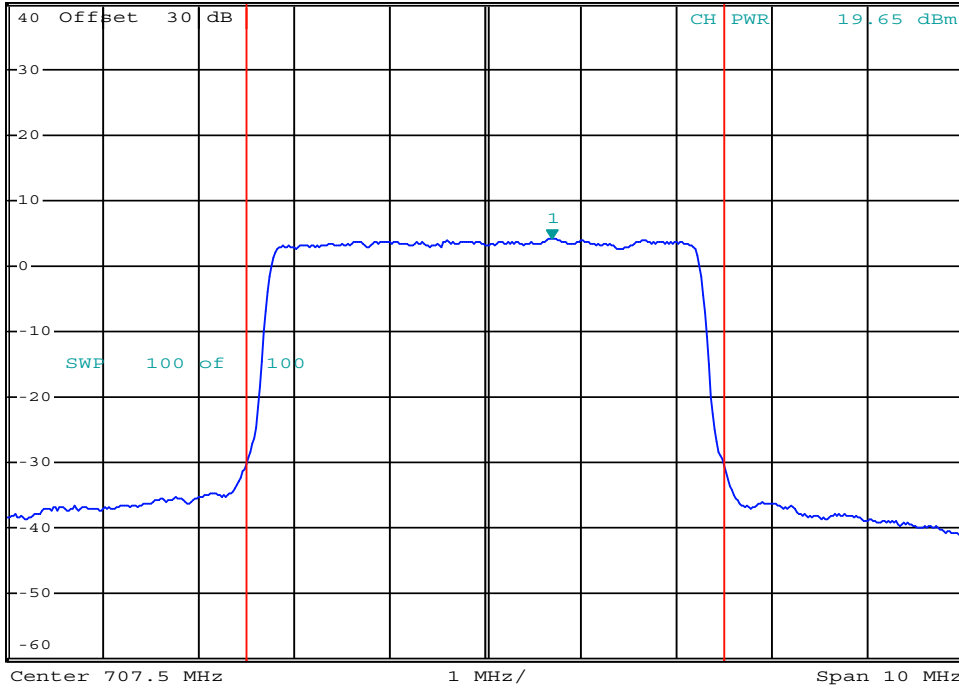


\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 1 MHz                      4.27 dBm  
 \*SWT 50 ms                      708.200000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



Date: 22.APR.2021 10:21:37

|                          |              |                          |              |                        |              |
|--------------------------|--------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>707.5</b> | Channel Bandwidth (MHz): | <b>5.0</b>   | Conducted Power (dBm): | <b>19.65</b> |
| EARFCN:                  | <b>23095</b> | Resource Blocks (RB):    | <b>25</b>    |                        |              |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>64QAM</b> |                        |              |

# Conducted Power: LTE Band 12

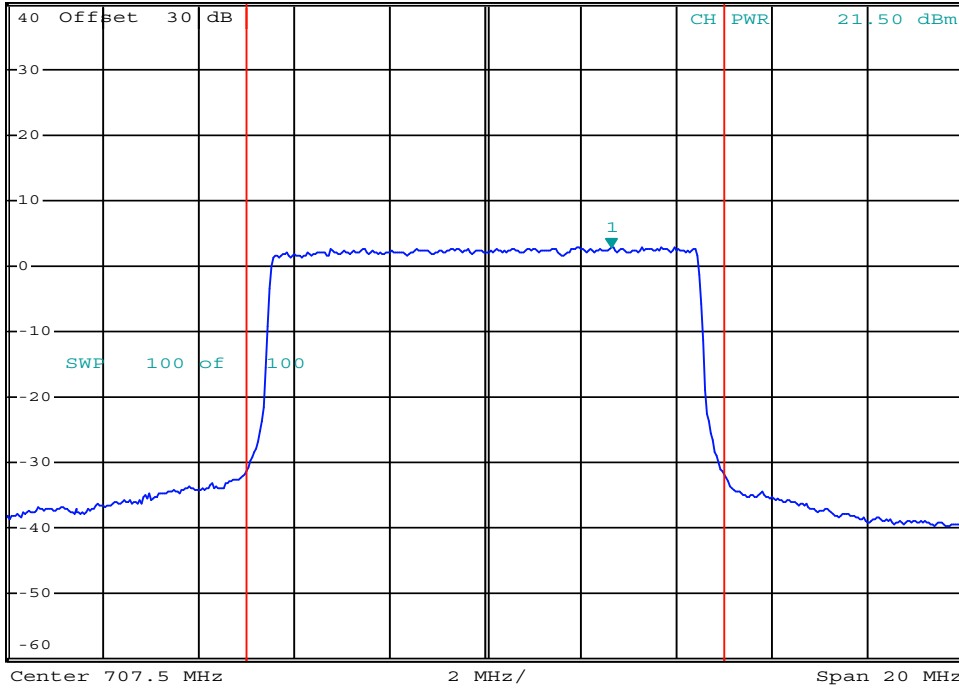


\*RBW 100 kHz Marker 1 [T1 ]  
 VBW 1 MHz 2.83 dBm  
 \*SWT 50 ms 710.14000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
 VIEW



Date: 22.APR.2021 10:25:05

|                          |              |                          |             |                        |             |
|--------------------------|--------------|--------------------------|-------------|------------------------|-------------|
| Channel Frequency (MHz): | <b>707.5</b> | Channel Bandwidth (MHz): | <b>10.0</b> | Conducted Power (dBm): | <b>21.5</b> |
| EARFCN:                  | <b>23095</b> | Resource Blocks (RB):    | <b>50</b>   |                        |             |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>QPSK</b> |                        |             |

# Conducted Power: LTE Band 12



\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 1 MHz                    2.09 dBm  
 \*Att 10 dB                    708.38000000 MHz

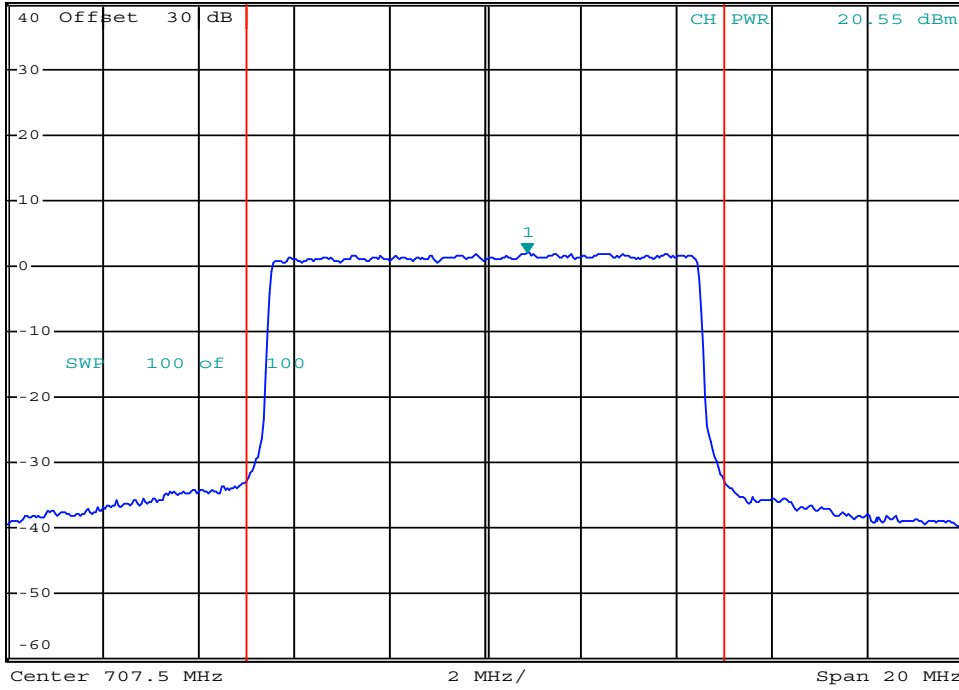
Ref 40 dBm

\*Att 10 dB

\*SWT 50 ms

708.38000000 MHz

1 RM\*  
VIEW



Date: 22.APR.2021 10:26:07

|                          |              |                          |              |                                     |
|--------------------------|--------------|--------------------------|--------------|-------------------------------------|
| Channel Frequency (MHz): | <b>707.5</b> | Channel Bandwidth (MHz): | <b>10.0</b>  | Conducted Power (dBm): <b>20.55</b> |
| EARFCN:                  | <b>23095</b> | Resource Blocks (RB):    | <b>50</b>    |                                     |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>16QAM</b> |                                     |

# Conducted Power: LTE Band 12

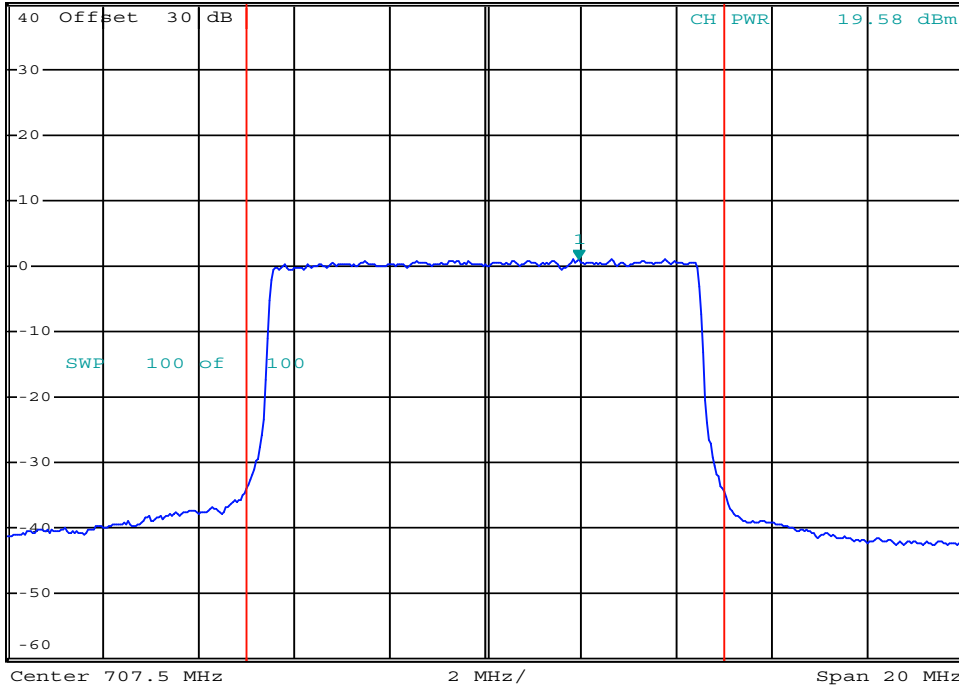


\*RBW 100 kHz    Marker 1 [T1 ]  
 VBW 1 MHz                    1.03 dBm  
 \*SWT 50 ms                    709.460000000 MHz

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



Date: 22.APR.2021 10:26:59

|                          |              |                          |              |                        |              |
|--------------------------|--------------|--------------------------|--------------|------------------------|--------------|
| Channel Frequency (MHz): | <b>707.5</b> | Channel Bandwidth (MHz): | <b>10.0</b>  | Conducted Power (dBm): | <b>19.58</b> |
| EARFCN:                  | <b>23095</b> | Resource Blocks (RB):    | <b>50</b>    |                        |              |
| RB Offset:               | <b>0</b>     | Modulation:              | <b>64QAM</b> |                        |              |

**§15.247(b)(3), RSS-247 (5.4)(d) Channel Output Power (RMS)**

| Frequency<br>(MHz) | BW<br>(MHz) | Modulation | Measured Power<br>[E <sub>Meas</sub> ]<br>(dBm) | Measured Power<br>[E <sub>Meas</sub> ]<br>(W) | Limit<br>(W)    | Margin<br>(dB) |
|--------------------|-------------|------------|---|---|-----------------|----------------|
| 2412.0             | 13          | QPSK       | 13.47   | 0.022   | 1.0             | 16.5           |
| 2442.0             |             |            | 14.56   | 0.029   |                 | 15.4           |
| 2462.0             |             |            | 13.35   | 0.022   |                 | 16.7           |
| <b>Result:</b>     |             |            |   |   | <b>Complies</b> |                |

(1) The output power is factory set to maximum

$$\text{Margin} = 10 * \text{Log}(\text{Limit} / E_{\text{meas}})$$

**RSS-247 (5.4)(d) Channel EIRP (RMS)**

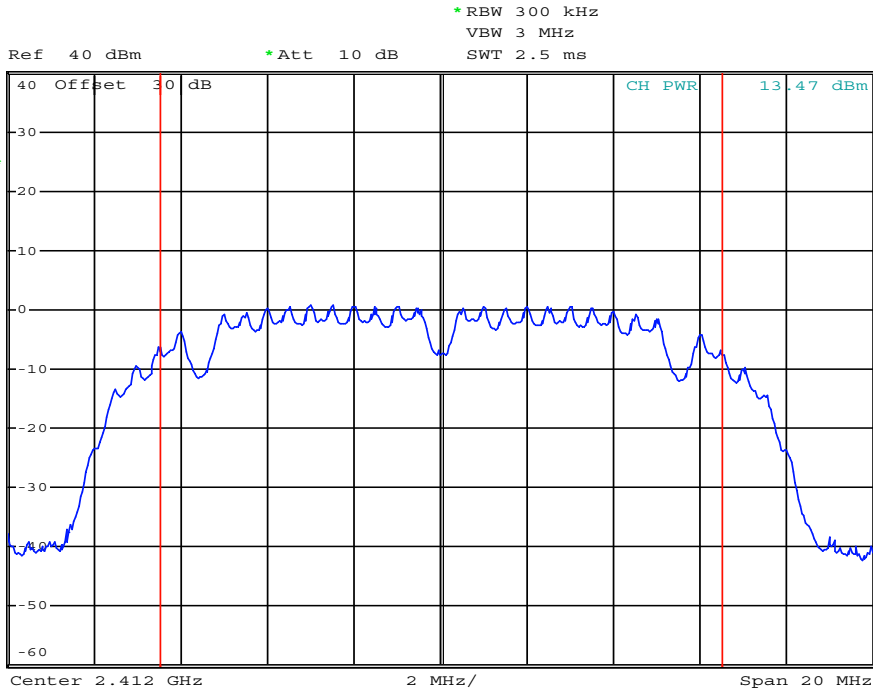
| Frequency<br>(MHz) | BW<br>(MHz) | Modulation | Measured Power<br>[E <sub>Meas</sub> ]<br>(dBm) | Antenna Gain<br>[G <sub>T</sub> ]<br>(dBi) | Cable Loss<br>[L <sub>c</sub> ]<br>(dB) | EIRP<br>(dBm) | EIRP<br>(W) | Limit<br>(W)    | Margin<br>(dB) |
|--------------------|-------------|------------|---|--|---|---------------|-------------|-----------------|----------------|
| 2412.0             | 13          | QPSK       | 13.47   | -2.65                                      | 0.5                                     | 11.32         | 0.014       | 4.0             | 24.7           |
| 2442.0             |             |            | 14.56   |  |   | 12.41         | 0.017       |                 | 23.6           |
| 2462.0             |             |            | 13.35   |  |   | 11.20         | 0.013       |                 | 24.8           |
| <b>Result:</b>     |             |            |   |  |   |               |             | <b>Complies</b> |                |

$$\text{EIRP (dBm)} = E_{\text{Meas}} + G_T + L_C$$

$$\text{Margin} = \text{Limit} - \text{EIRP in dB}$$

(1) The output power is factory set to maximum

# Conducted Power (RMS)



Date: 13.MAY.2021 10:08:49

Channel Frequency:  
**2412.00 MHz**

Channel Bandwidth:  
**13.00 MHz**

Modulation Setting:  
**QPSK**

Measured Channel Power:  
**13.47 dBm**



# Conducted Power (RMS)

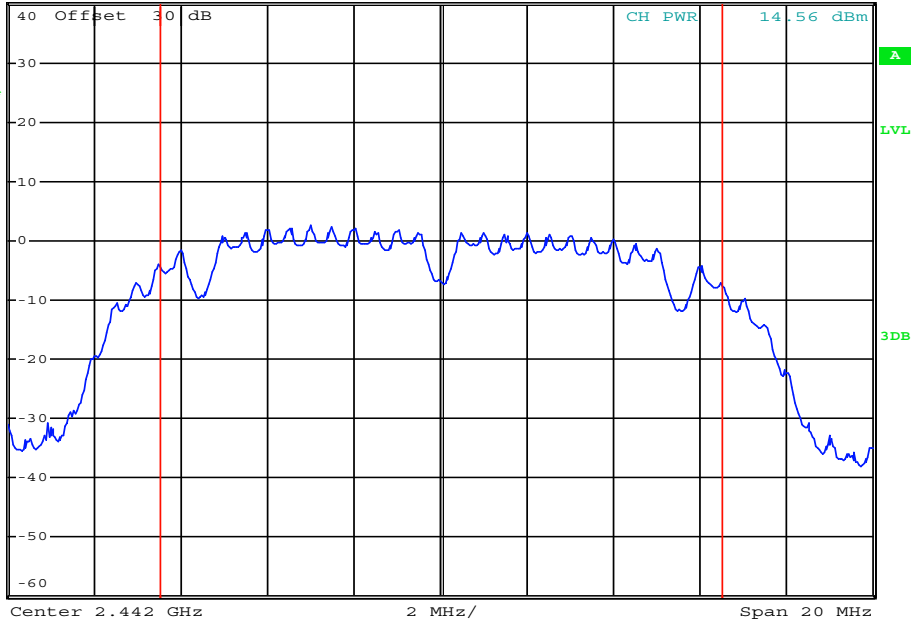


\*RBW 300 kHz  
VBW 3 MHz  
SWT 2.5 ms

Ref 40 dBm

\*Att 10 dB

1 RM  
VIEW



Date: 13.MAY.2021 10:12:55

Channel Frequency:

**2442.00 MHz**

Channel Bandwidth:

**13.00 MHz**

Modulation Setting:

**QPSK**

Measured Channel Power:

**14.56 dBm**

# Conducted Power (RMS)

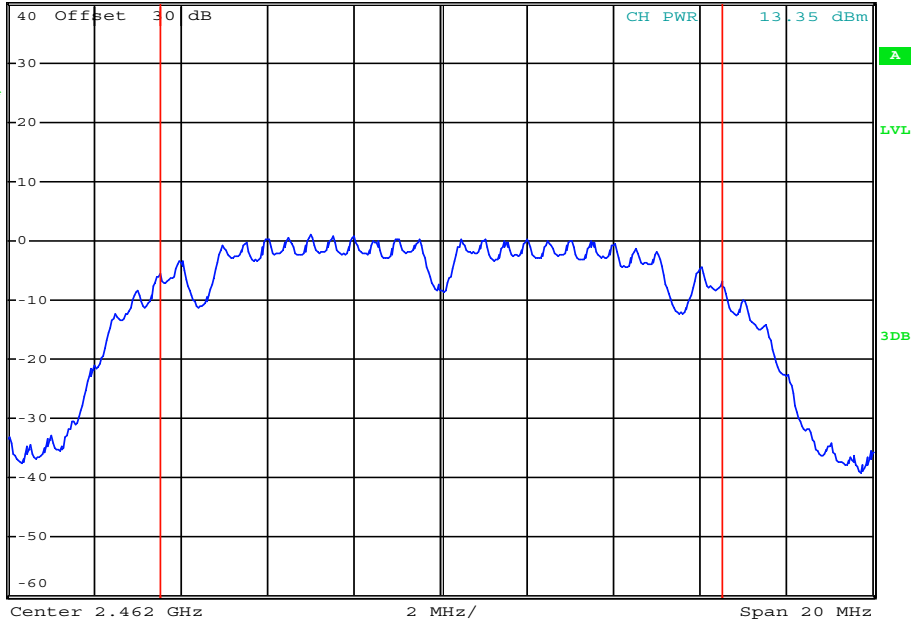


\*RBW 300 kHz  
VBW 3 MHz  
SWT 2.5 ms

Ref 40 dBm

\*Att 10 dB

1 RM\*  
VIEW



Date: 13.MAY.2021 10:13:31

Channel Frequency:

**2462.00 MHz**

Channel Bandwidth:

**13.00 MHz**

Modulation Setting:

**QPSK**

Measured Channel Power:

**13.35 dBm**