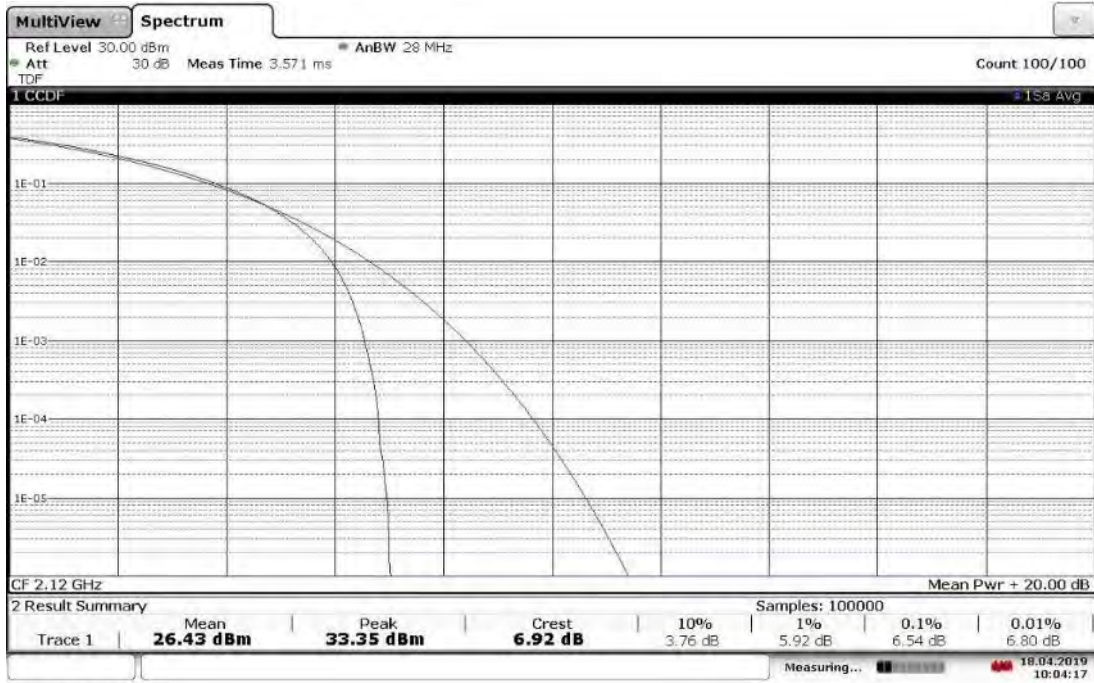


TM3.1-64QAM\_20 MHz Bandwidth

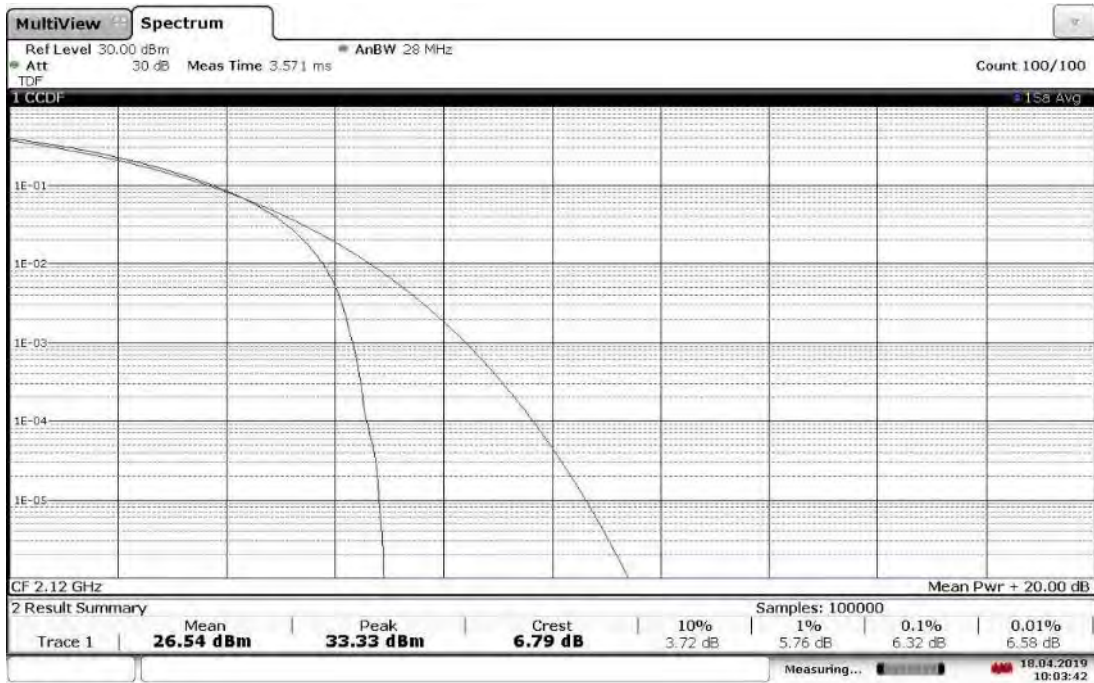
Slot 1 (Band 66), ANT0, Low Channel 2120 MHz, PAPR = 6.92 dB



10:04:17 18.04.2019

TM3.1-64QAM\_20 MHz Bandwidth

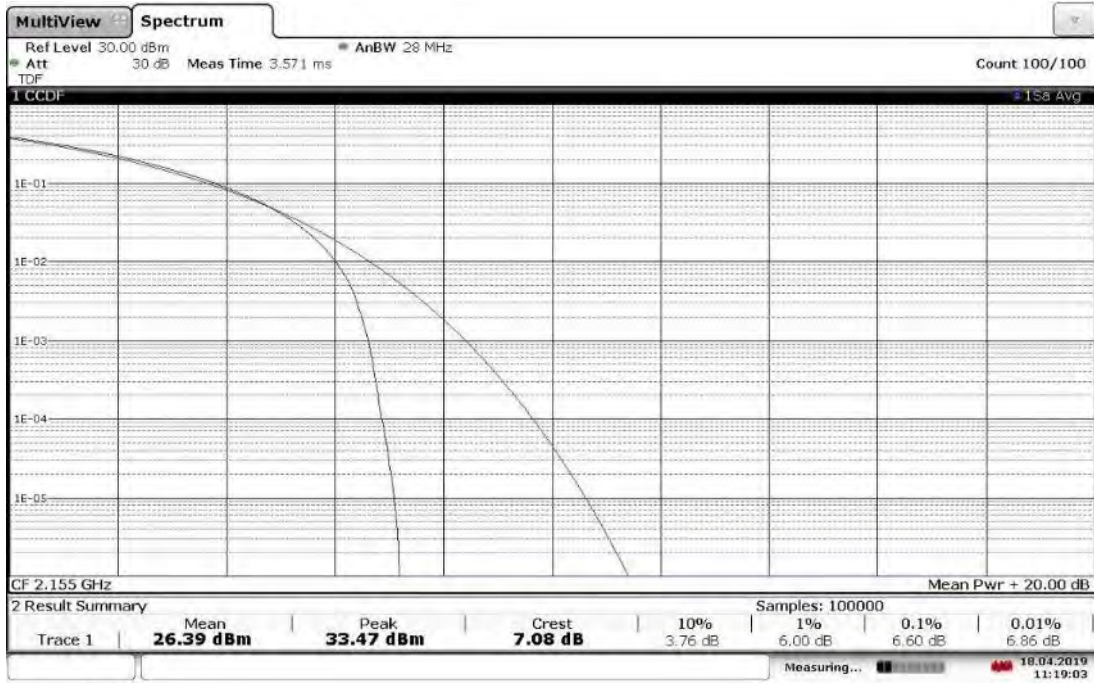
Slot 1 (Band 66), ANT1, Low Channel 2120 MHz, PAPR = 6.79 dB



10:03:42 18.04.2019

TM3.1-64QAM\_20 MHz Bandwidth

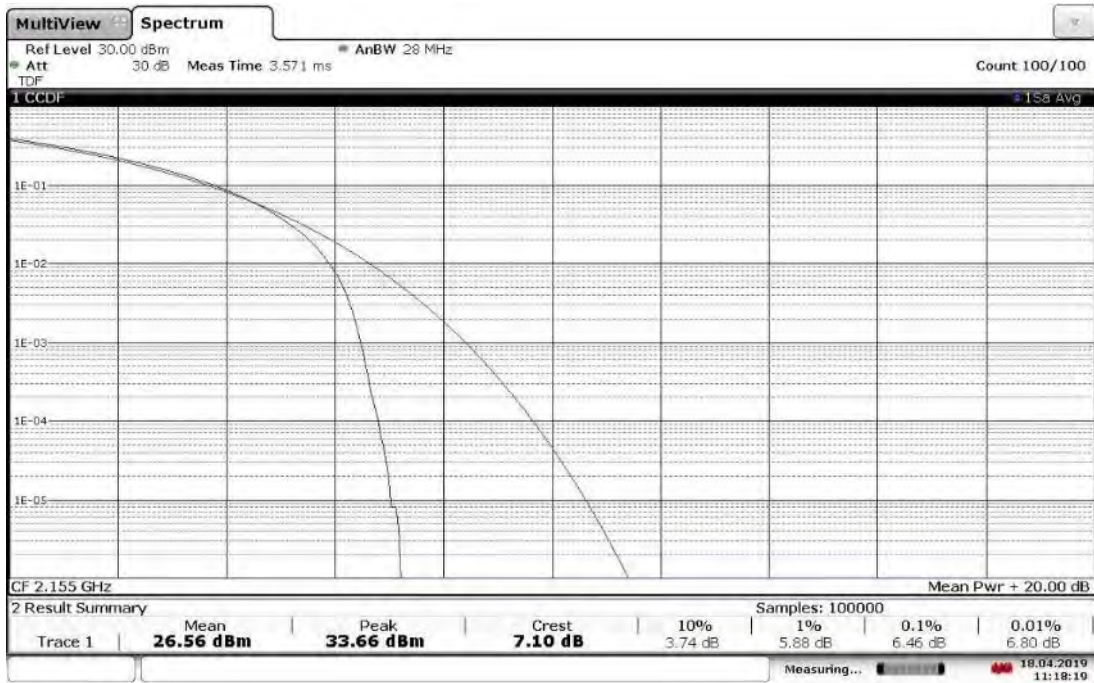
Slot 1 (Band 66), ANT0, Mid Channel 2155 MHz, PAPR = 7.08 dB



11:19:03 18.04.2019

TM3.1-64QAM\_20 MHz Bandwidth

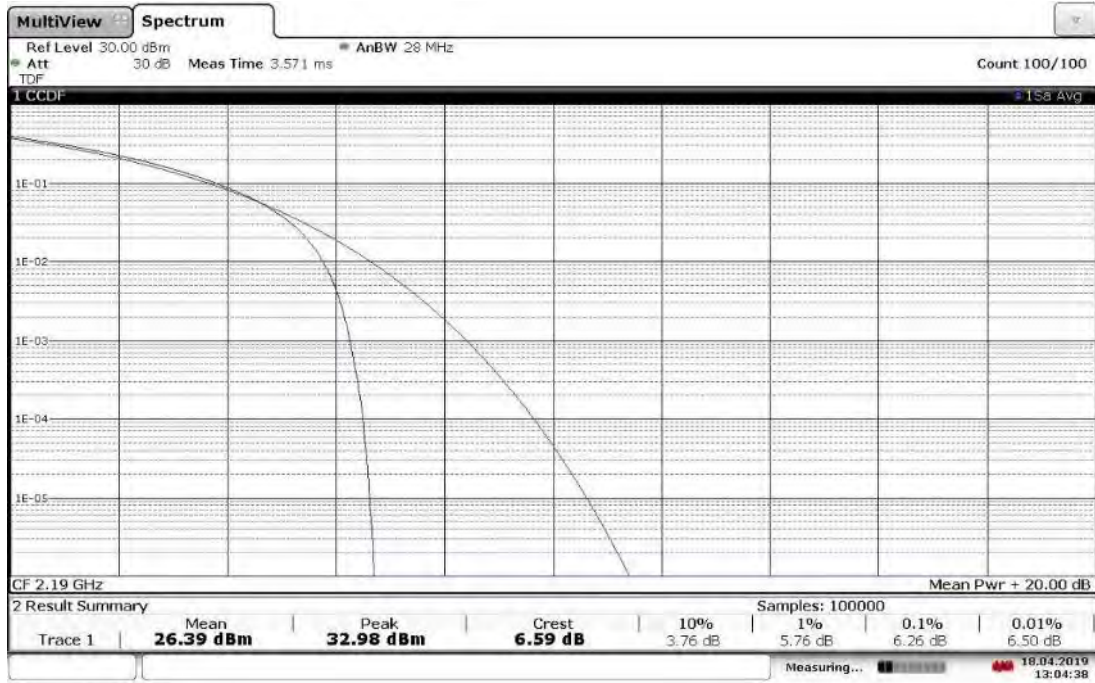
Slot 1 (Band 66), ANT1, Mid Channel 2155 MHz, PAPR = 7.10 dB



11:18:20 18.04.2019

TM3.1-64QAM\_20 MHz Bandwidth

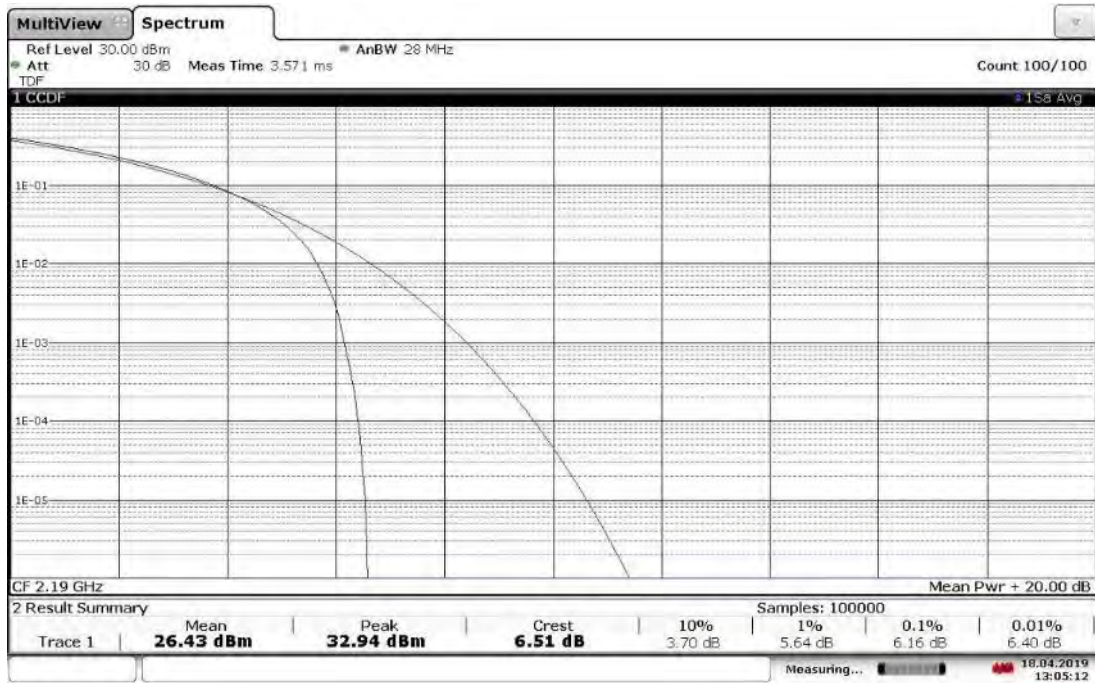
Slot 1 (Band 66), ANT0, High Channel 2190MHz, PAPR = 6.59 dB



13:04:39 18.04.2019

TM3.1-64QAM\_20 MHz Bandwidth

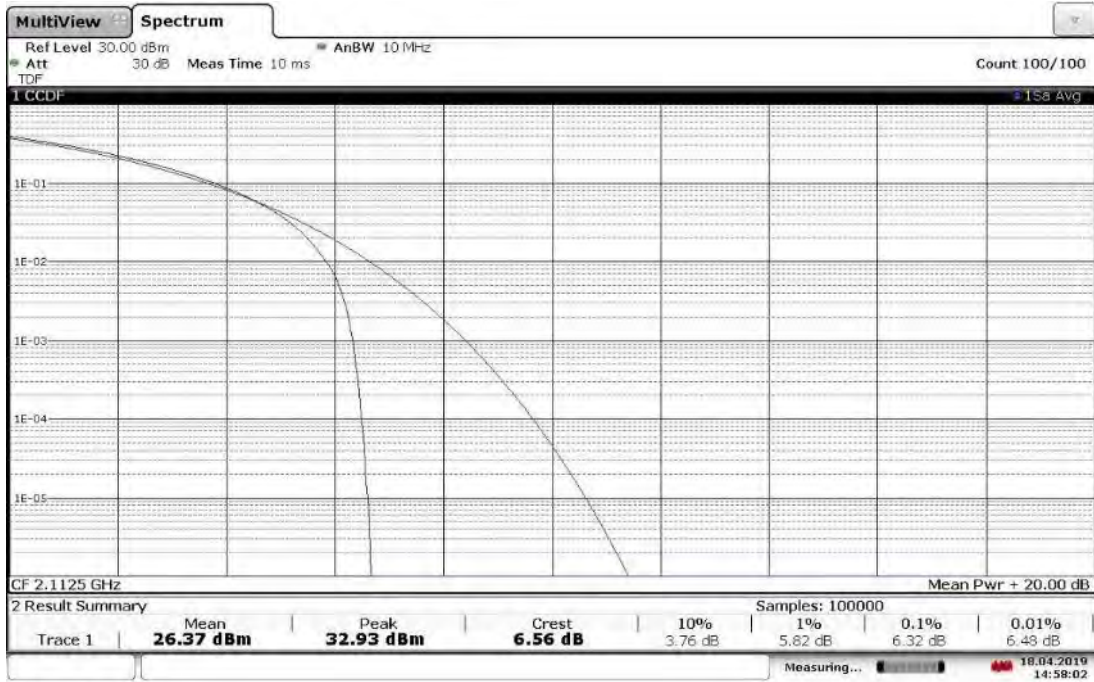
Slot 1 (Band 66), ANT1, High Channel 2190 MHz, PAPR = 6.51 dB



13:05:12 18.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

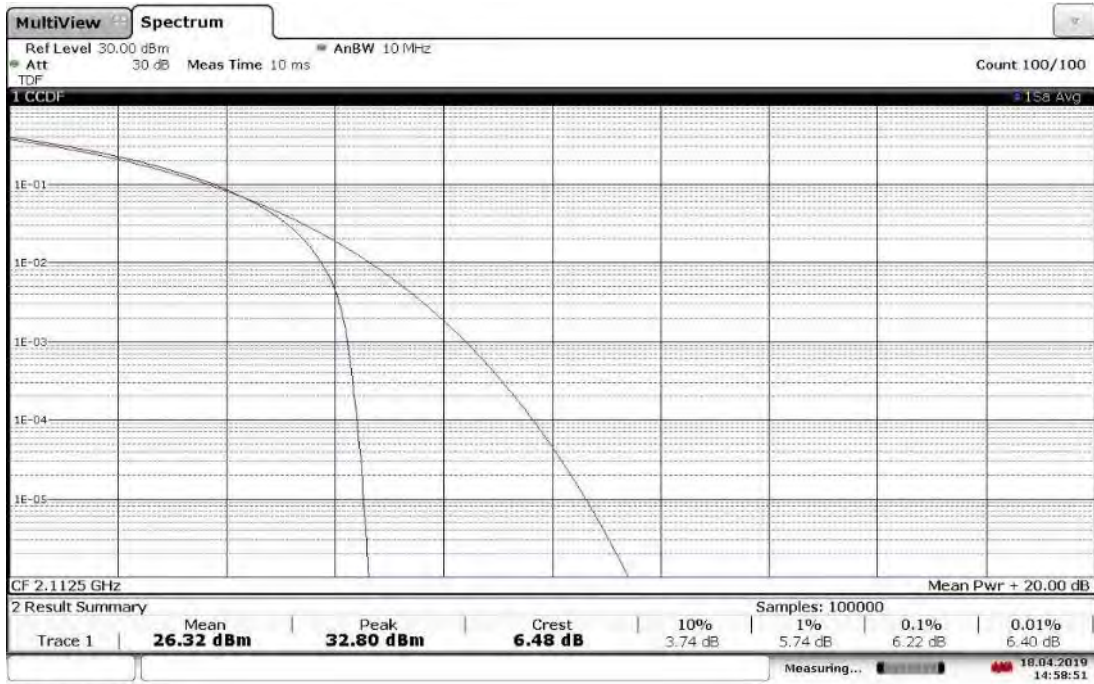
Slot 1 (Band 66), ANT0, Low Channel 2112.5 MHz, PAPR = 6.56 dB



14:58:03 18.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

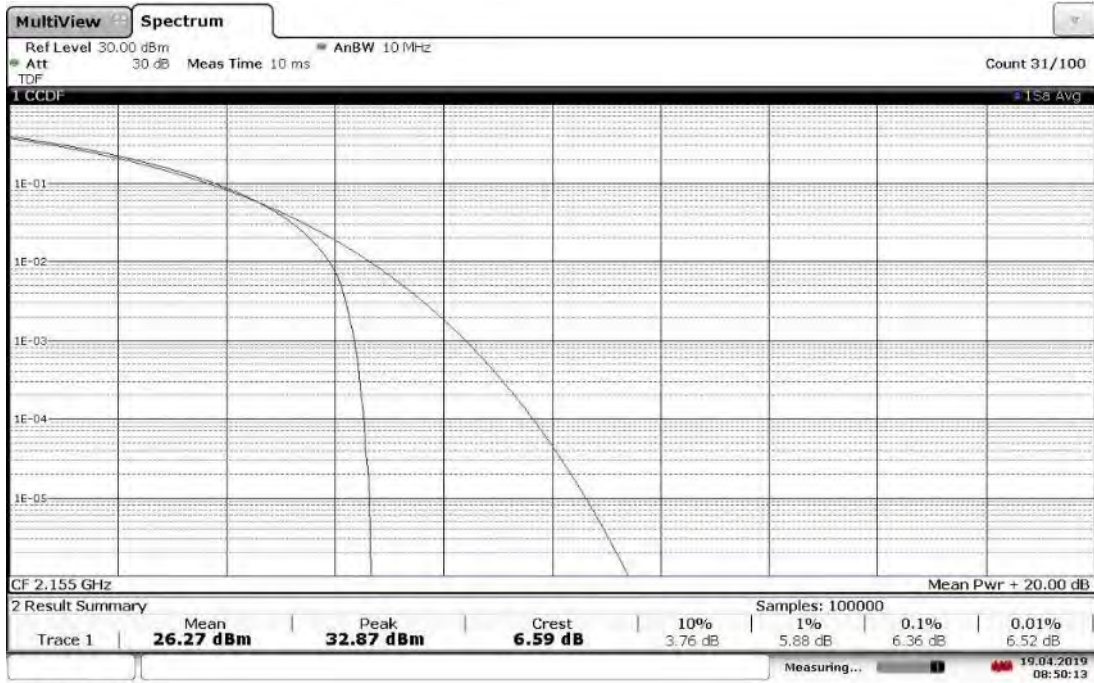
Slot 1 (Band 66), ANT1, Low Channel 2112.5 MHz, PAPR = 6.48 dB



14:58:52 18.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

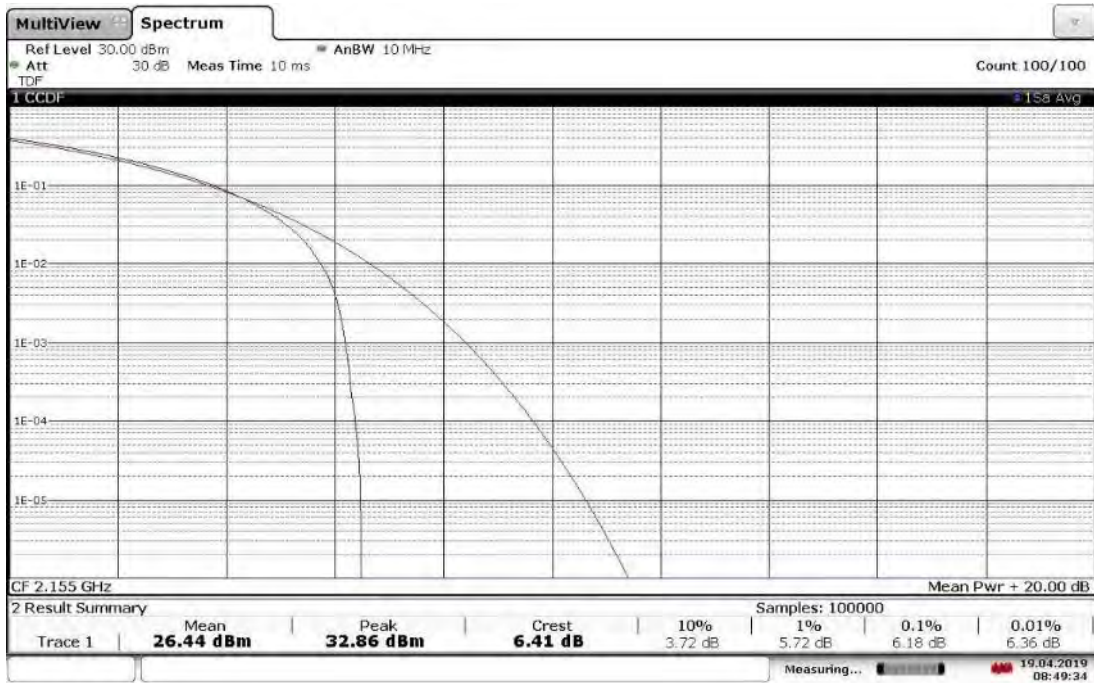
Slot 1 (Band 66), ANT0, Mid Channel 2155 MHz, PAPR = 6.59 dB



08:50:13 19.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

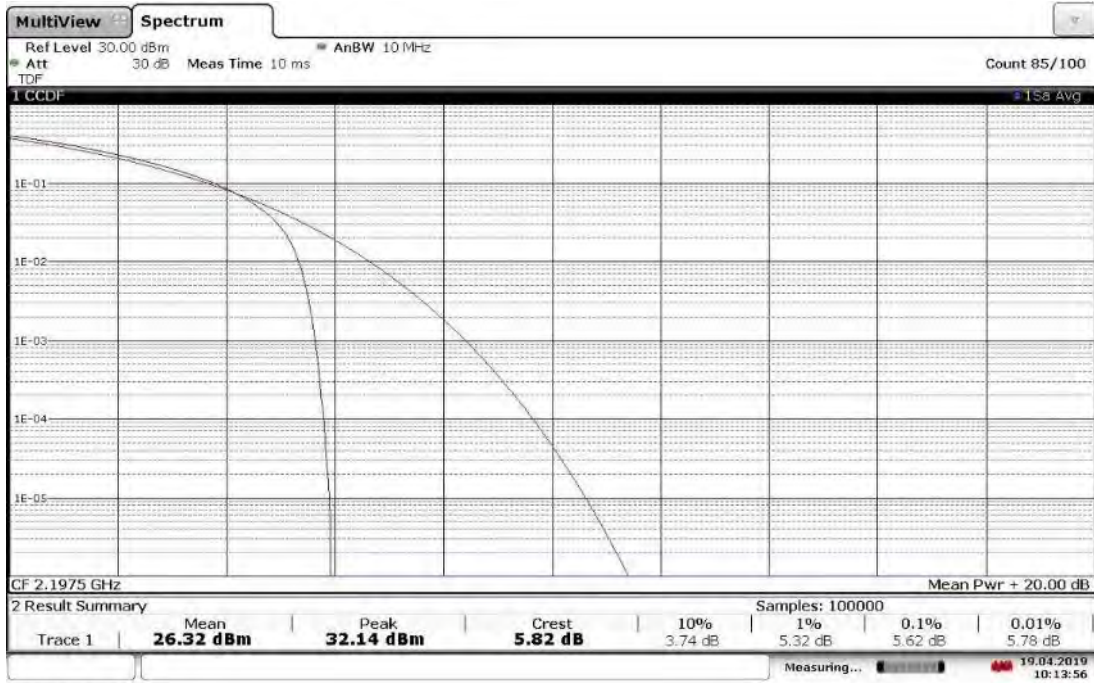
Slot 1 (Band 66), ANT1, Mid Channel 2155 MHz, PAPR = 6.41 dB



08:49:35 19.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

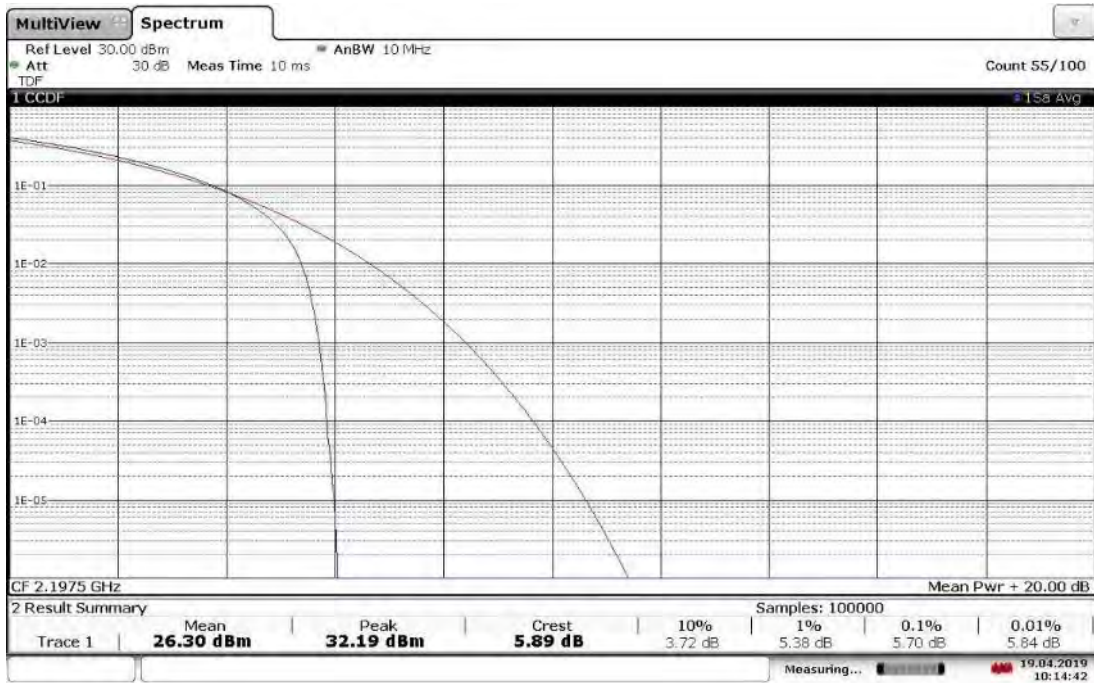
Slot 1 (Band 66), ANT0, High Channel 2197.5 MHz, PAPR = 5.82 dB



10:13:57 19.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

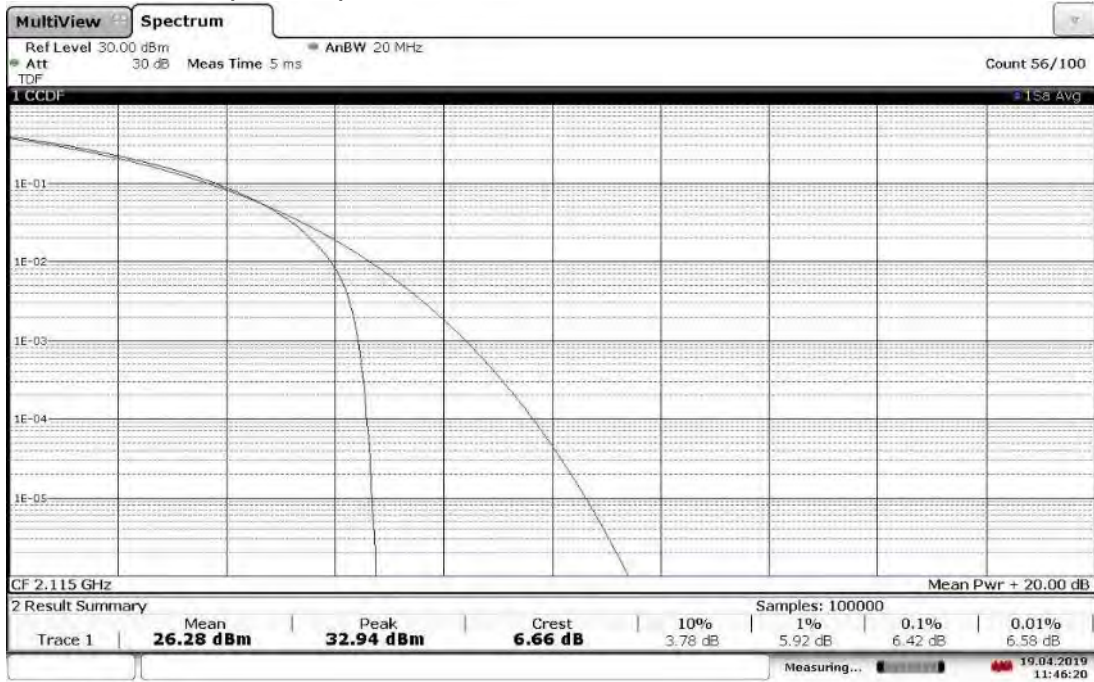
Slot 1 (Band 66), ANT1, High Channel 2197.5 MHz, PAPR = 5.89 dB



10:14:42 19.04.2019

TM3.1a-256QAM\_10 MHz Bandwidth

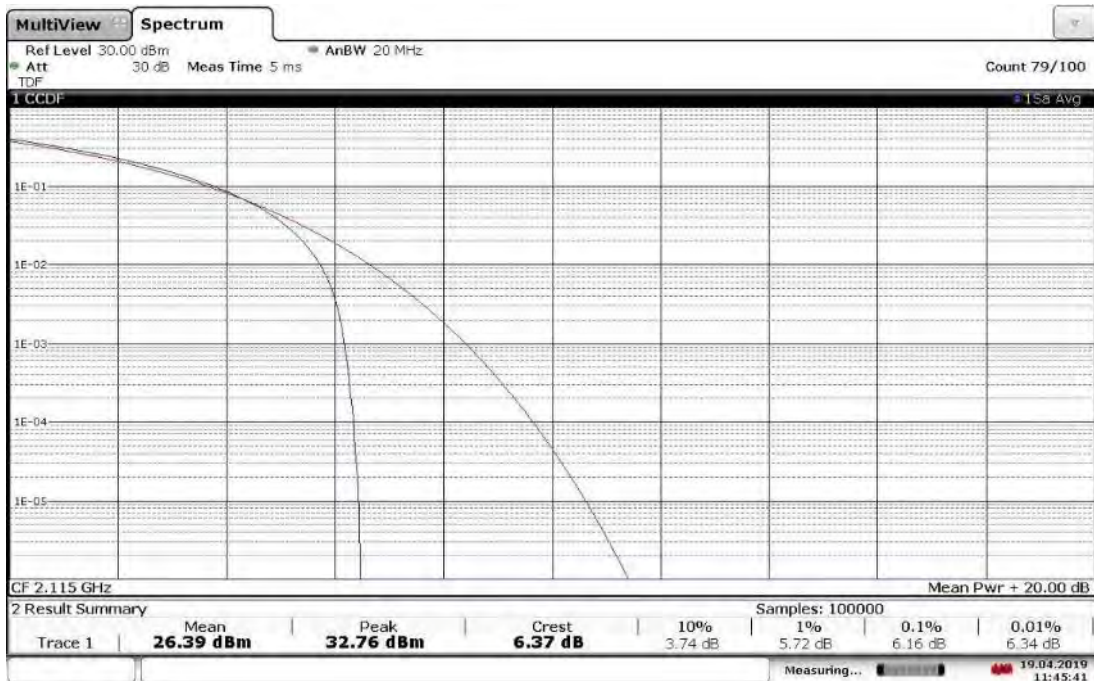
Slot 1 (Band 66), ANT0, Low Channel 2115 MHz, PAPR = 6.66 dB



11:46:20 19.04.2019

TM3.1a-256QAM\_10 MHz Bandwidth

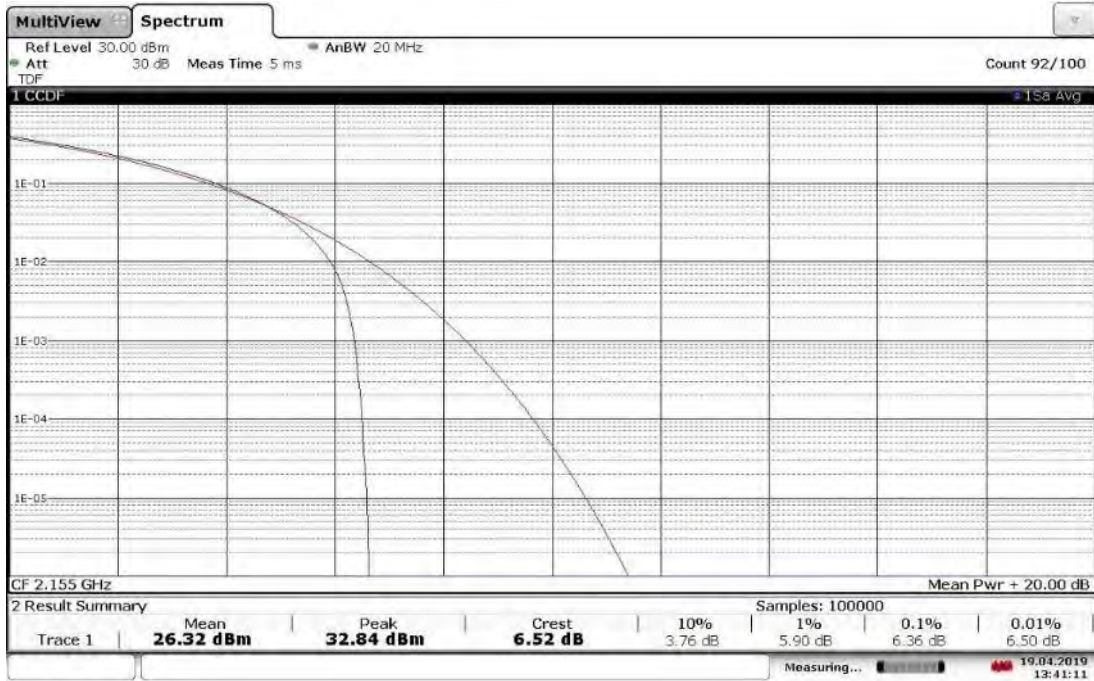
Slot 1 (Band 66), ANT1, Low Channel 2115 MHz, PAPR = 6.37 dB



11:45:41 19.04.2019

TM3.1a-256QAM\_10 MHz Bandwidth

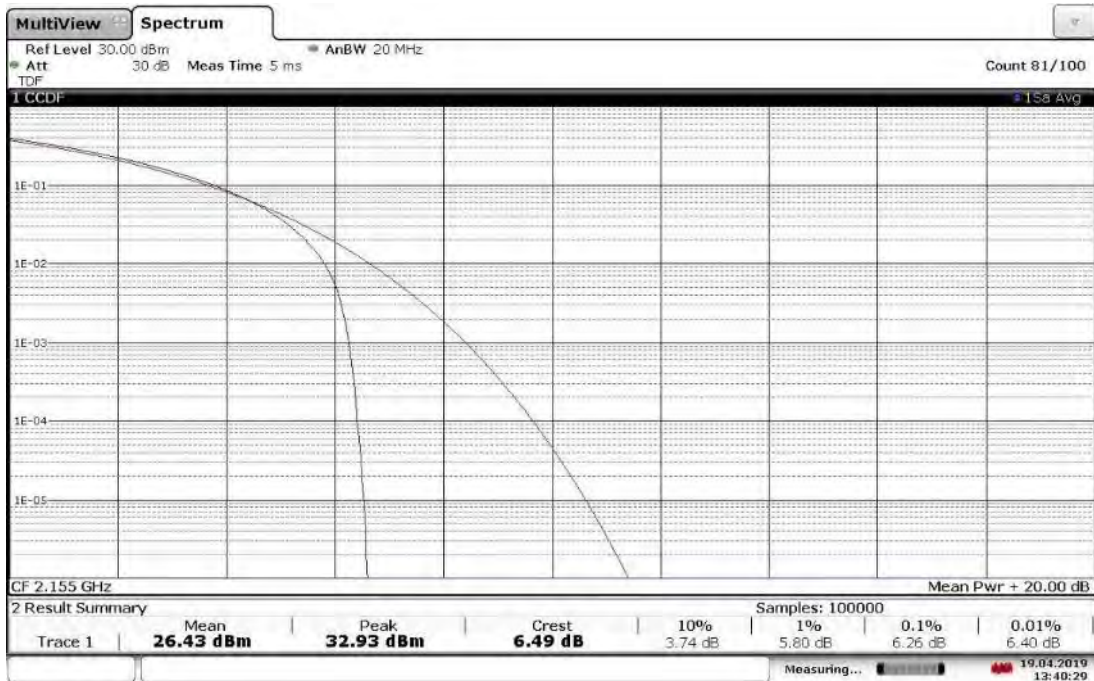
Slot 1 (Band 66), ANT0, Mid Channel 2155 MHz, PAPR = 6.52 dB



13:41:12 19.04.2019

TM3.1a-256QAM\_10 MHz Bandwidth

Slot 1 (Band 66), ANT1, Mid Channel 2155 MHz, PAPR = 6.49 dB

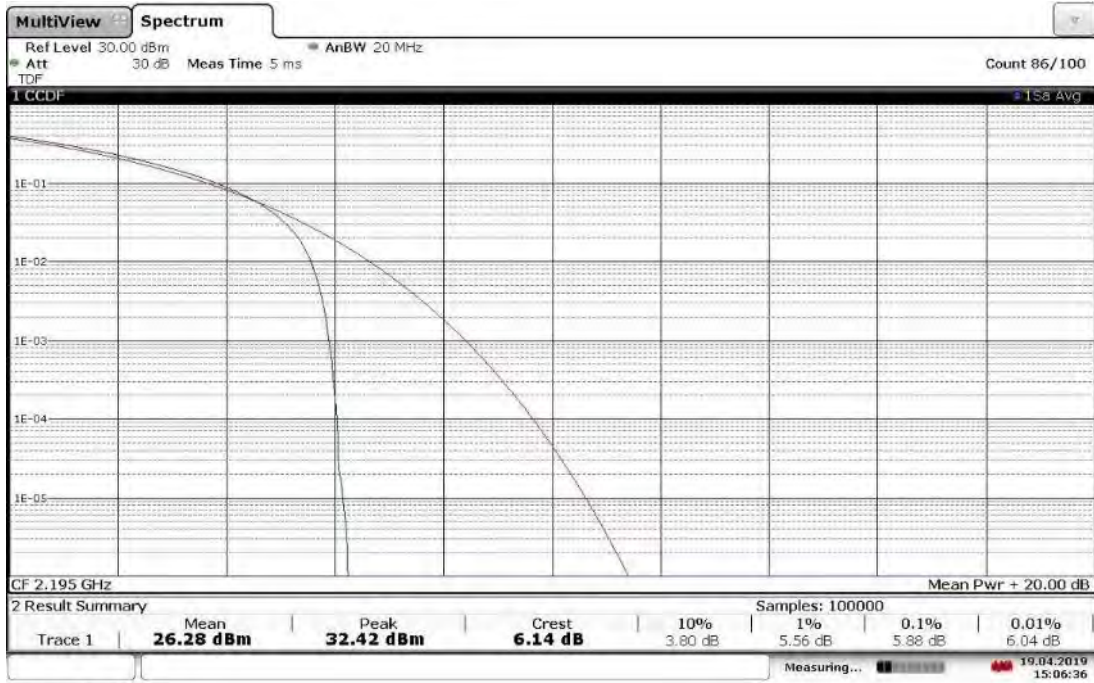


13:40:30 19.04.2019



TM3.1a-256QAM\_10 MHz Bandwidth

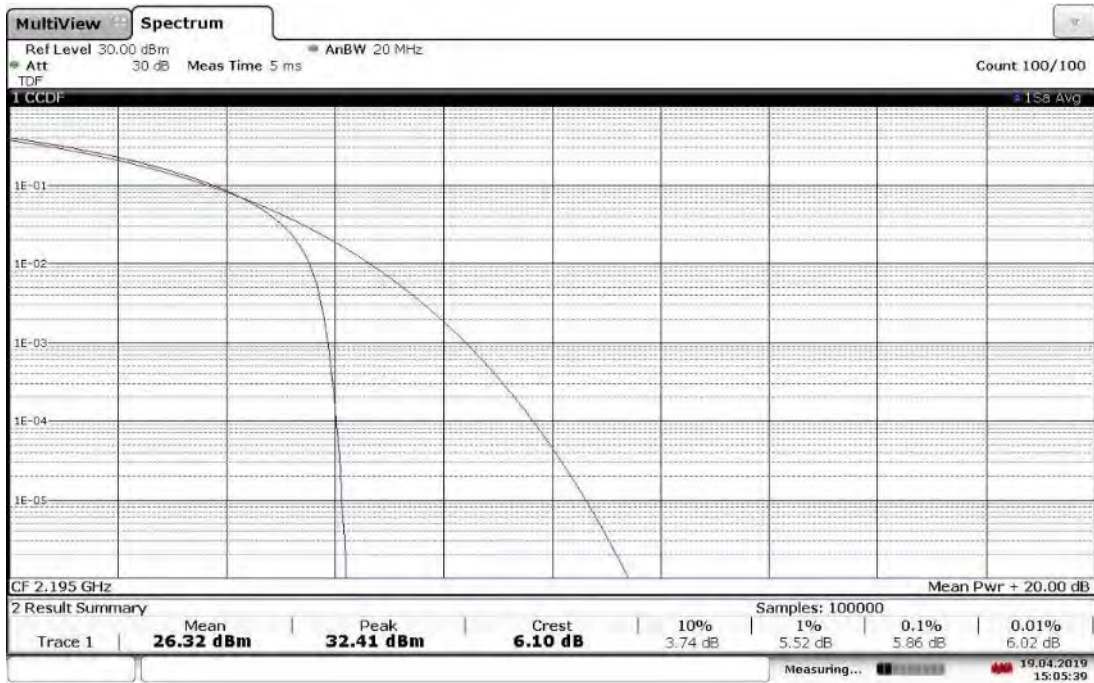
Slot 1 (Band 66), ANT0, High Channel 2195 MHz, PAPR = 6.14 dB



15:06:36 19.04.2019

TM3.1a-256QAM\_10 MHz Bandwidth

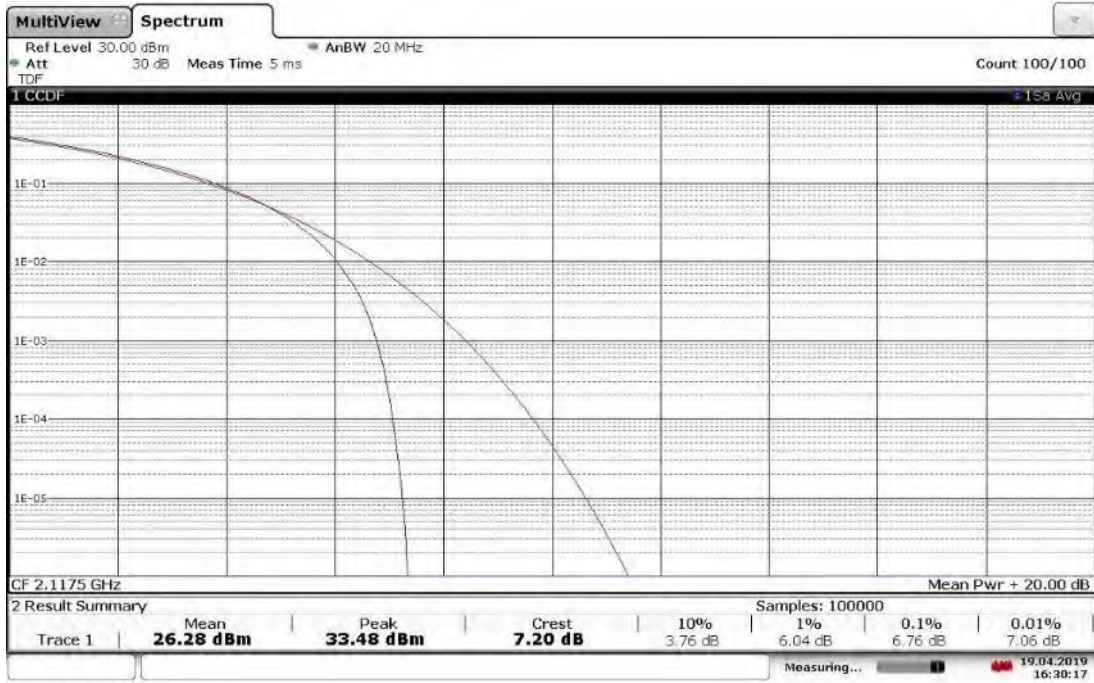
Slot 1 (Band 66), ANT1, High Channel 2195 MHz, PAPR = 6.10 dB



15:05:39 19.04.2019

TM3.1a-256QAM\_15 MHz Bandwidth

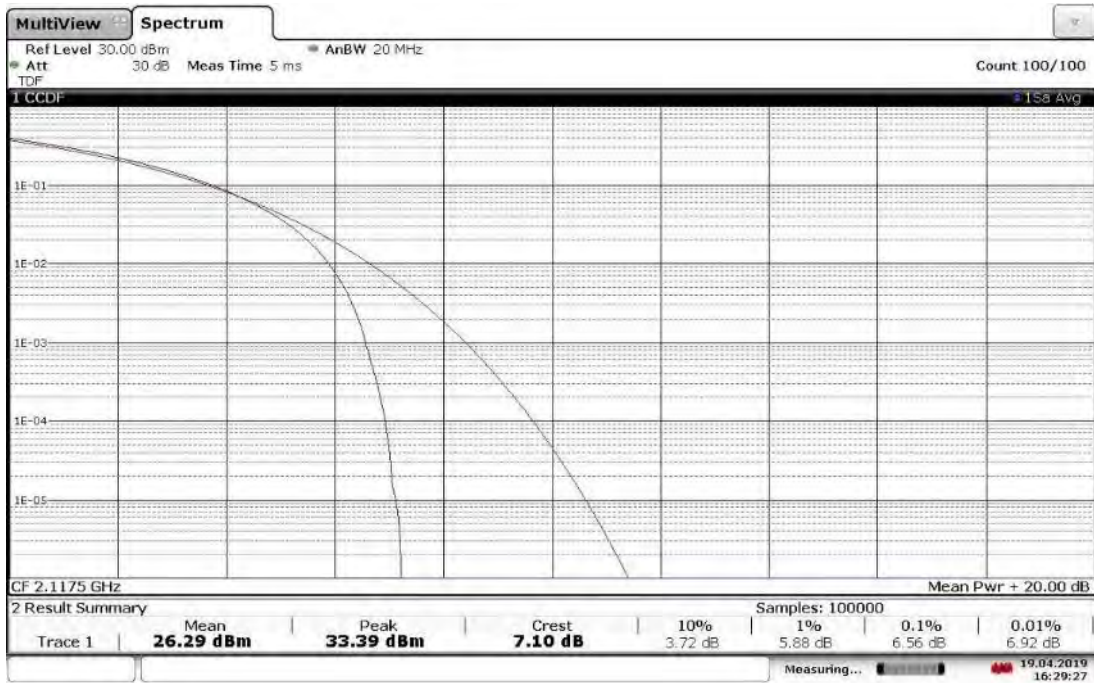
Slot 1 (Band 66), ANT0, Low Channel 2117.5 MHz, PAPR = 7.20 dB



16:30:17 19.04.2019

TM3.1a-256QAM\_15 MHz Bandwidth

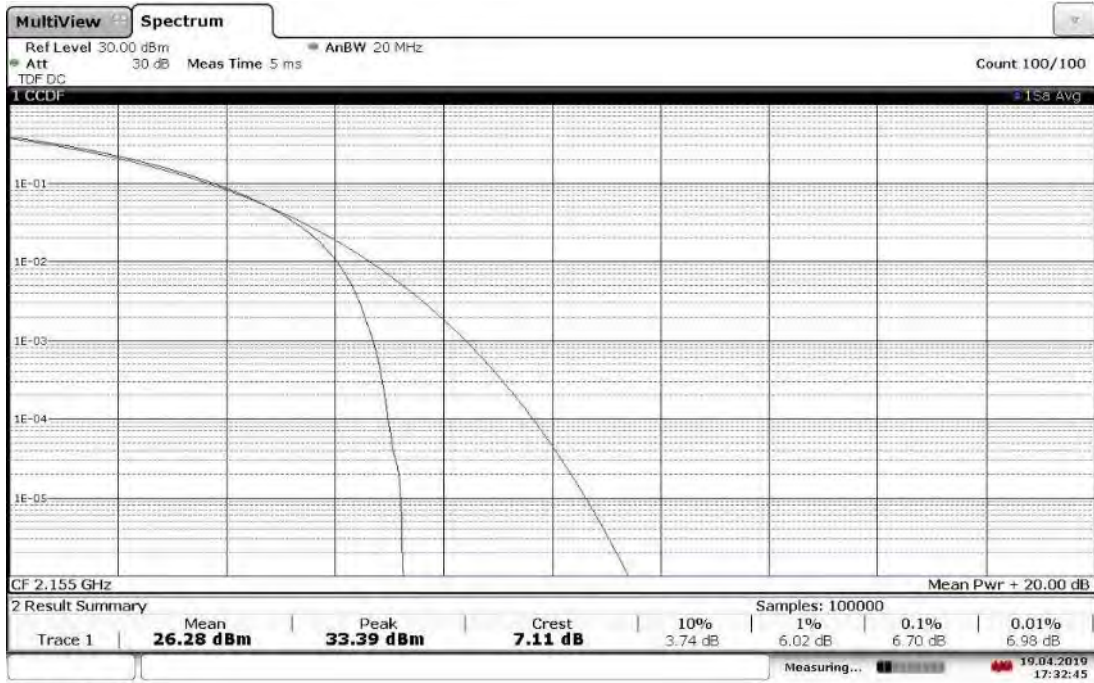
Slot 1 (Band 66), ANT1, Low Channel 2117.5 MHz, PAPR = 7.10 dB



16:29:28 19.04.2019

TM3.1a-256QAM\_15 MHz Bandwidth

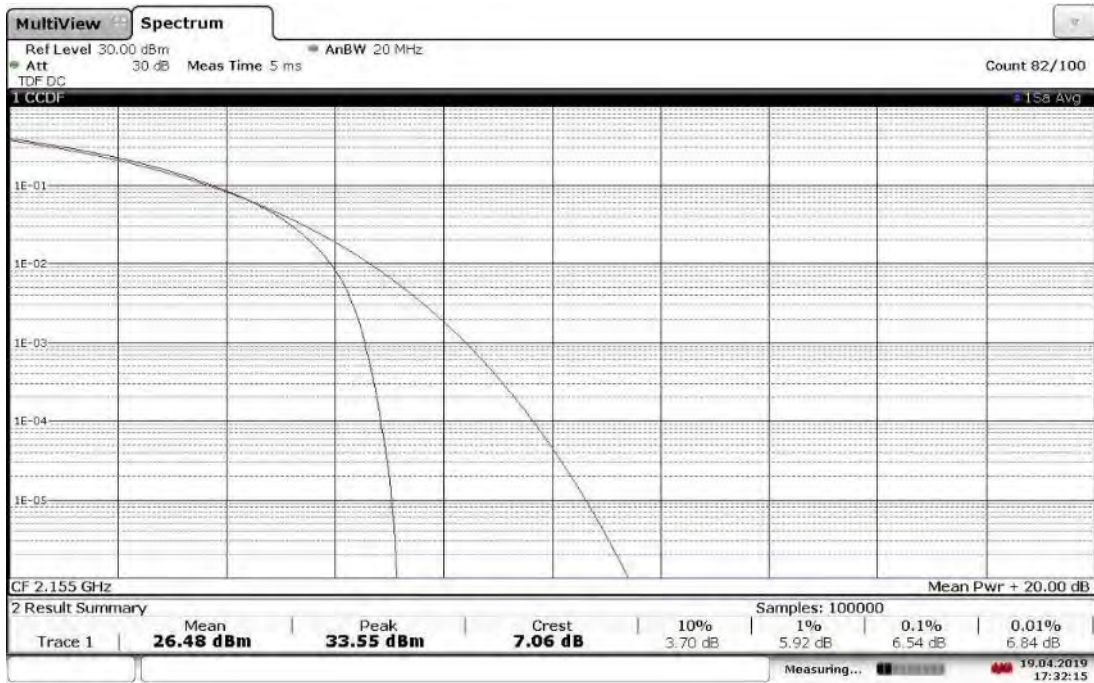
Slot 1 (Band 66), ANT0, Mid Channel 2155 MHz, PAPR = 7.11 dB



17:32:45 19.04.2019

TM3.1a-256QAM\_15 MHz Bandwidth

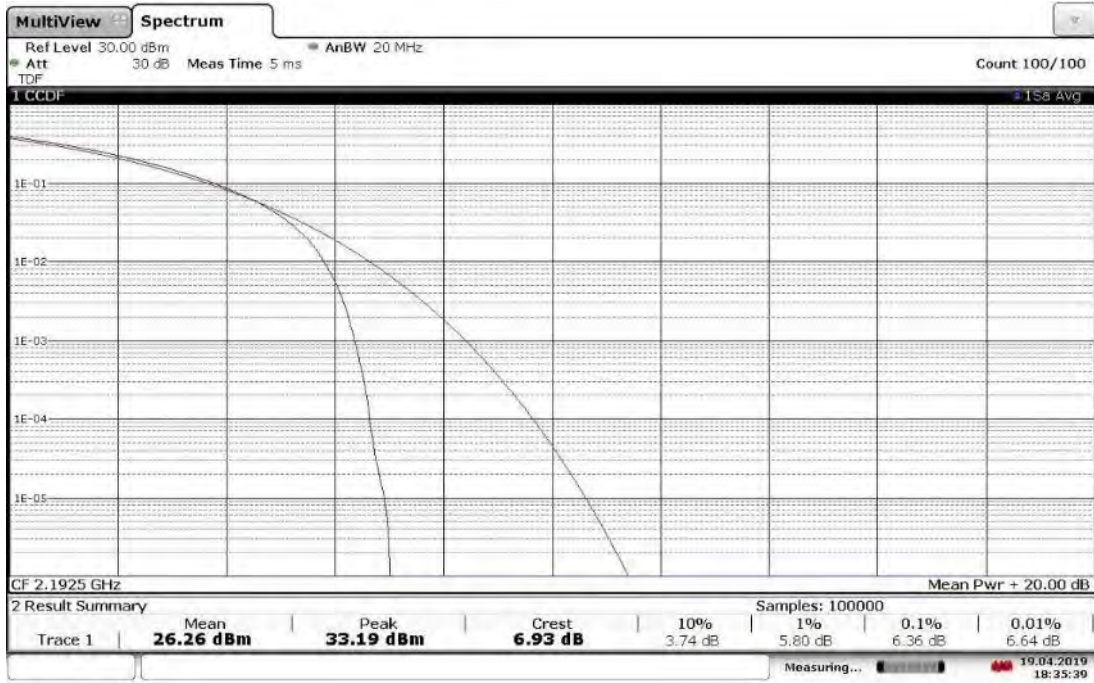
Slot 1 (Band 66), ANT1, Mid Channel 2155 MHz, PAPR = 7.06 dB



17:32:16 19.04.2019

TM3.1a-256QAM\_15 MHz Bandwidth

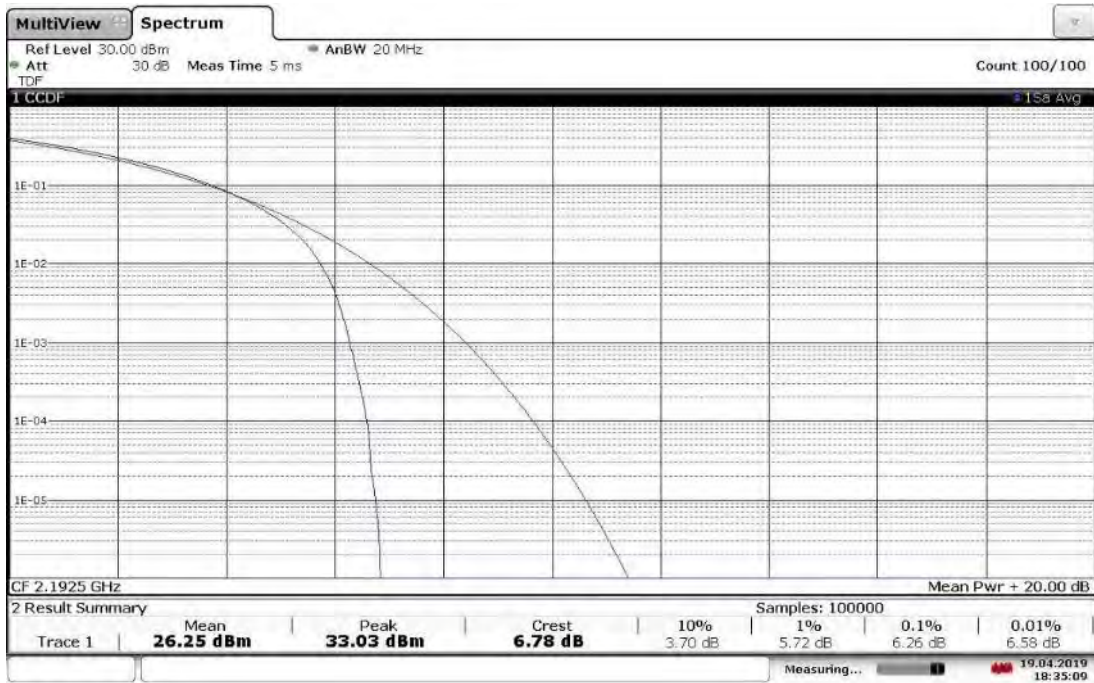
Slot 1 (Band 66), ANT0, High Channel 2192.5 MHz, PAPR = 6.93 dB



18:35:39 19.04.2019

TM3.1a-256QAM\_15 MHz Bandwidth

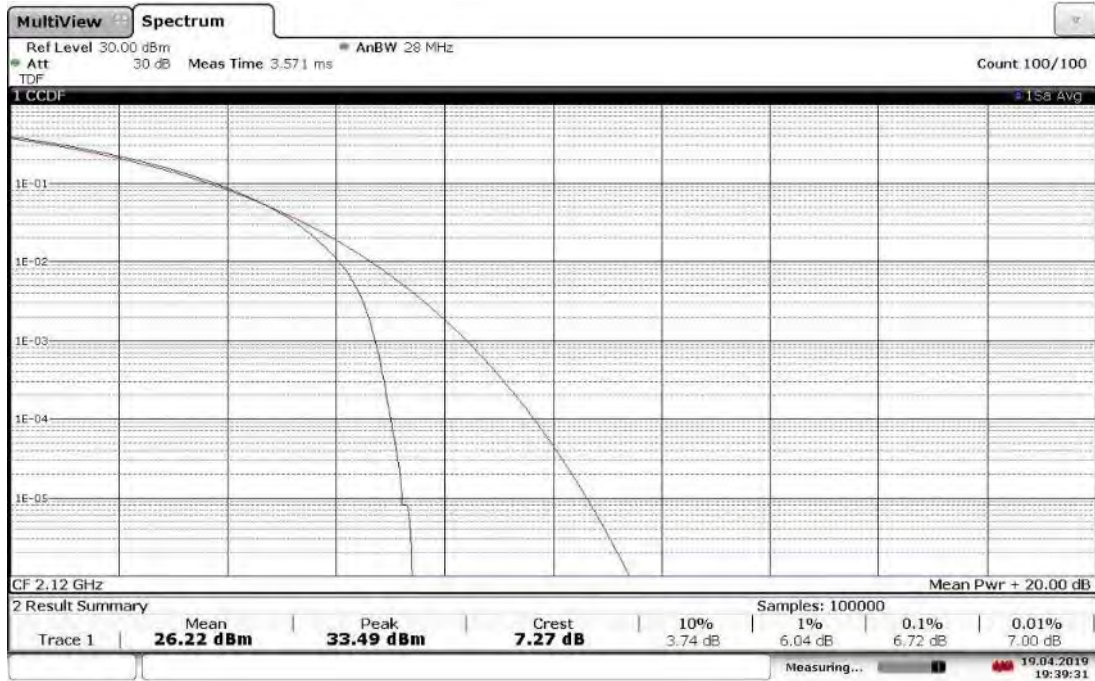
Slot 1 (Band 66), ANT1, High Channel 2192.5 MHz, PAPR = 6.78 dB



18:35:10 19.04.2019

TM3.1a-256QAM\_20 MHz Bandwidth

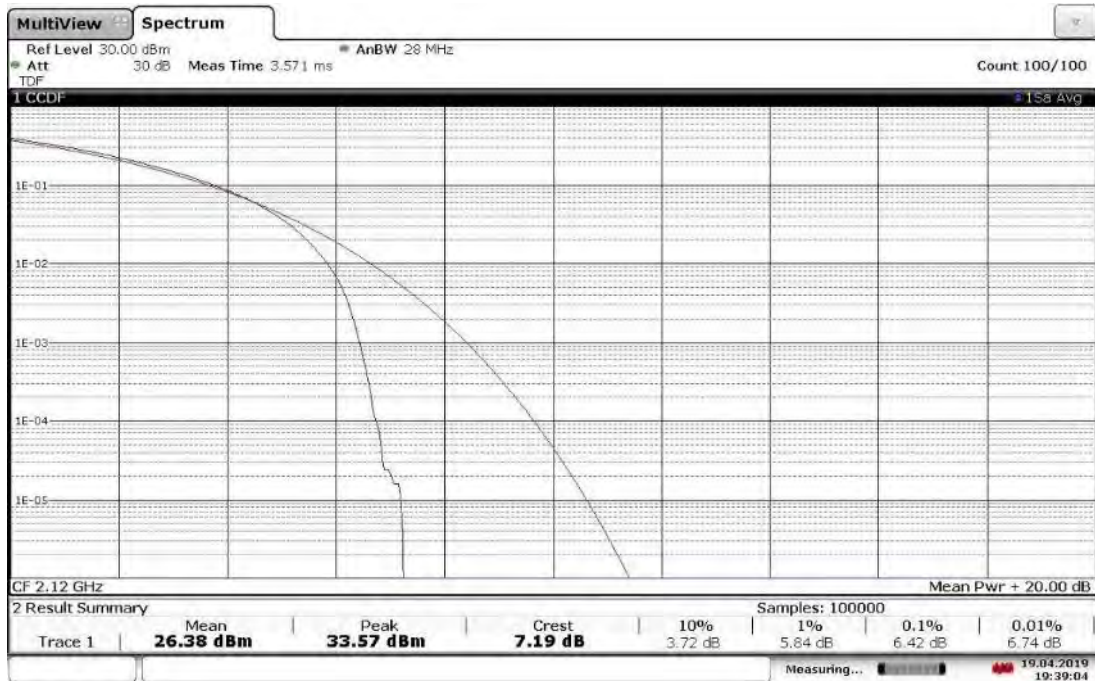
Slot 1 (Band 66), ANT0, Low Channel 2120 MHz, PAPR = 7.27 dB



19:39:32 19.04.2019

TM3.1a-256QAM\_20 MHz Bandwidth

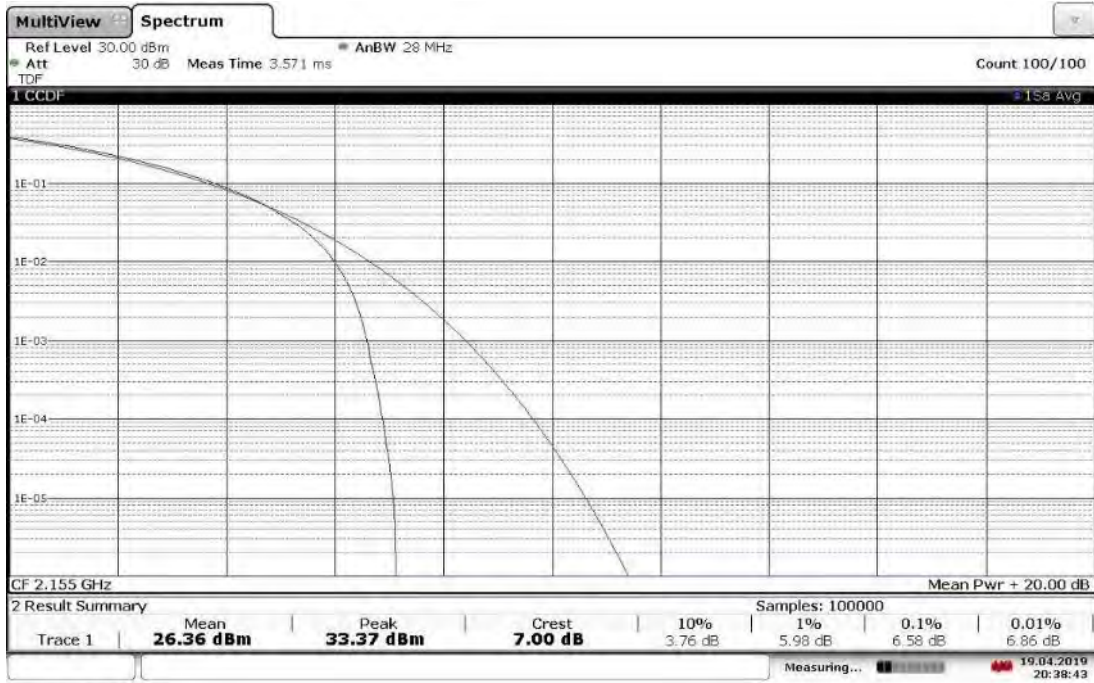
Slot 1 (Band 66), ANT1, Low Channel 2120 MHz, PAPR = 7.19 dB



19:39:05 19.04.2019

TM3.1a-256QAM\_20 MHz Bandwidth

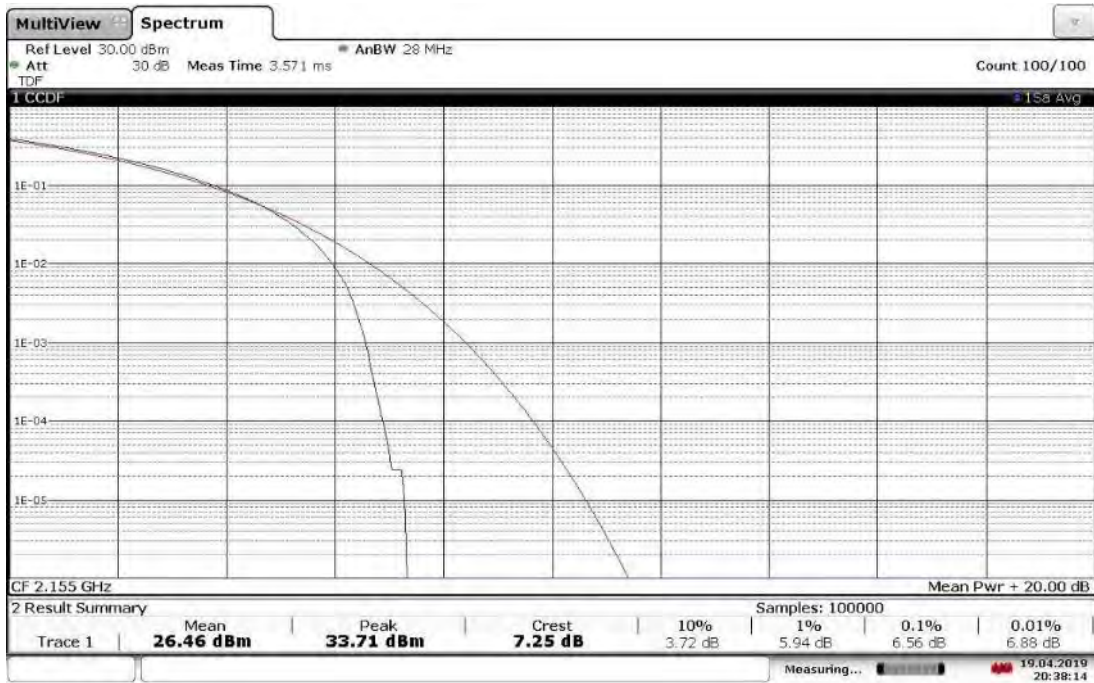
Slot 1 (Band 66), ANT0, Mid Channel 2155 MHz, PAPR = 7.00 dB



20:38:43 19.04.2019

TM3.1a-256QAM\_20 MHz Bandwidth

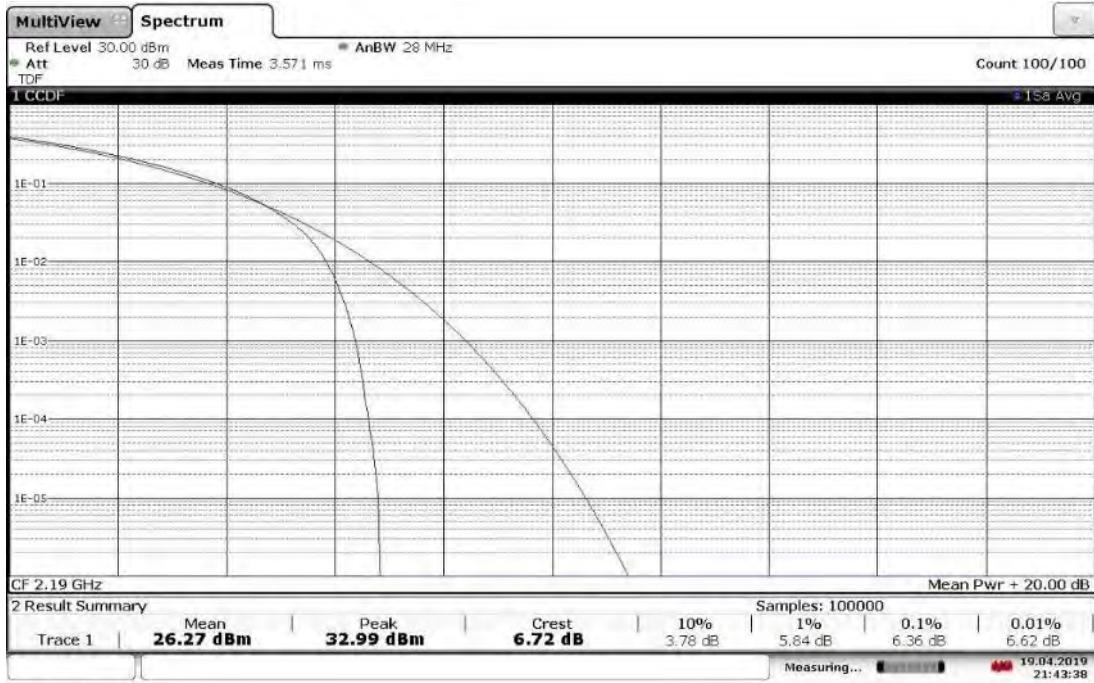
Slot 1 (Band 66), ANT1, Mid Channel 2155 MHz, PAPR = 7.25 dB



20:38:15 19.04.2019

TM3.1a-256QAM\_20 MHz Bandwidth

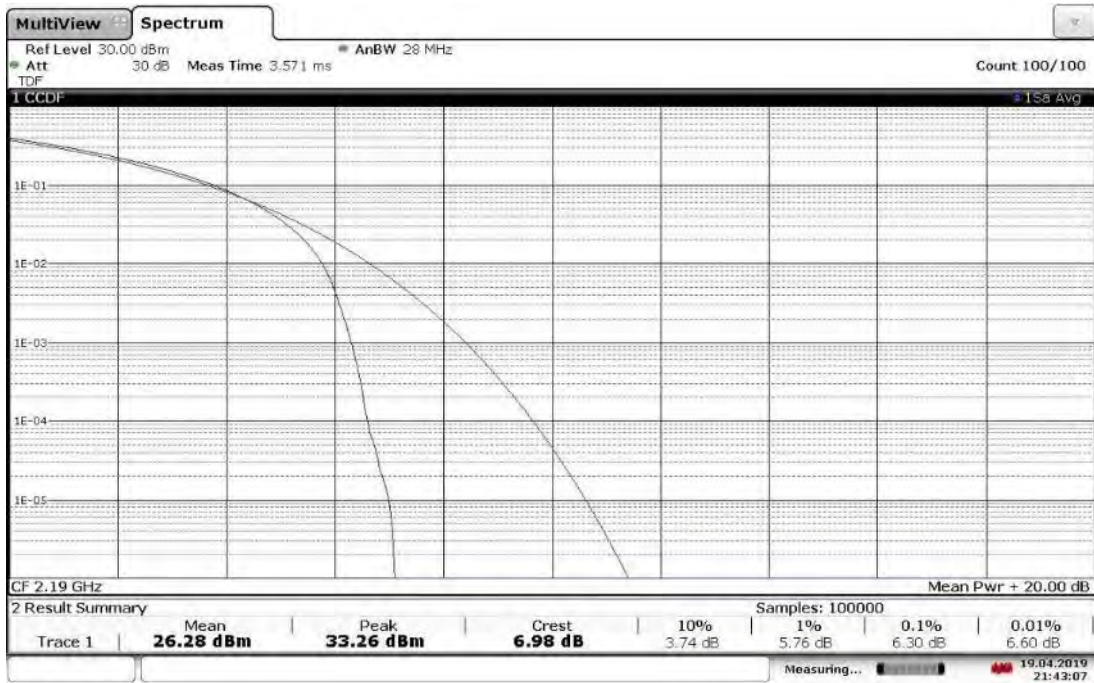
Slot 1 (Band 66), ANT0, High Channel 2190 MHz, PAPR = 6.72 dB



21:43:38 19.04.2019

TM3.1a-256QAM\_20 MHz Bandwidth

Slot 1 (Band 66), ANT1, High Channel 2190 MHz, PAPR = 6.98 dB



21:43:07 19.04.2019

|   |                              |                       |   |
|---|------------------------------|-----------------------|---|
| Test Personnel:   | <u>Kouma Sinn <i>KPS</i></u> | Test Date:            | <u>04/10/2019, 04/11/2019, 04/12/2019,<br/>04/15/2019, 04/16/2019, 04/17/2019,<br/>04/18/2019, 04/19/2019, 04/26/2019,<br/>04/30/2019</u> |
| Supervising/Reviewing<br>Engineer:<br>(Where Applicable)    | <u>N/A</u>                   | Limit Applied:        | <u>See report section 7.3</u>   |
| Product Standard:   | <u>FCC Part 27</u>           | Ambient Temperature:  | <u>22, 23, 23, 23, 23, 22, 22, 22, 20, 22<br/>°C</u>  |
| Input Voltage:  | <u>48 VDC (POE)</u>          | Relative Humidity:    | <u>21, 15, 26, 47, 20, 22, 23, 47, 42,<br/>35 %</u>   |
| Pretest Verification w/<br>Ambient Signals or<br>BB Source: | <u>N/A</u>                   | Atmospheric Pressure: | <u>1004, 1013, 1004, 980, 1001, 1011,<br/>1014, 1000, 996, 1017 mbars</u>   |

Deviations, Additions, or Exclusions: None



## 8 26 dB Bandwidth and Occupied Bandwidth

### 8.1 Method

Tests are performed in accordance with ANSI C63.26 and CFR47 FCC Parts 2.1049 and 27.

**TEST SITE:** EMC Lab

**The EMC Lab** has one Semi-anechoic Chamber and one Shielded Chamber. AC Mains Power is available at 120, 230, and 277 Single Phase; 208, 400, and 480 3-Phase. Large reference ground-planes are installed in the general lab area to facilitate EMC work not requiring a shielded environment.

### 8.2 Test Equipment Used:

| Asset           | Description                        | Manufacturer    | Model    | Serial    | Cal Date   | Cal Due    |
|-----------------|------------------------------------|-----------------|----------|-----------|------------|------------|
| CEN001'         | DC-40GHz attenuator 20dB           | Centric RF      | C411-20  | CEN001    | 02/01/2019 | 02/01/2020 |
| CBLHF2012-2M-1' | 2m 9kHz-40GHz Coaxial Cable - SET1 | Huber & Suhner  | SF102    | 252675001 | 02/01/2019 | 02/01/2020 |
| ROS005-1'       | Signal and Spectrum Analyzer       | Rohde & Schwarz | FSW43    | 100646    | 10/15/2018 | 10/15/2019 |
| DS40'           | Temp, humidity, pressure gauge     | Digi Sense      | 68000-49 | 181717625 | 11/06/2018 | 11/06/2019 |

#### Software Utilized:

| Name | Manufacturer | Version |
|------|--------------|---------|
| None | --           | --      |

### 8.3 Results:

The sample tested was found to Comply.

§27.53(h)(3): The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

§2.1049: The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission.

# Intertek

Report Number: 103866582BOX-010b

Issued: 07/19/2019

### Slot 1 (Band 66), Bandwidth: 5 MHz, Modulation: TM1.1-QPSK

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2112.50         | ANT0         | 4.531             | 5.21           |
|         |                 | ANT1         | 4.541             | 5.01           |
| Mid     | 2155.00         | ANT0         | 4.542             | 5.00           |
|         |                 | ANT1         | 4.532             | 5.05           |
| High    | 2197.50         | ANT0         | 4.531             | 5.26           |
|         |                 | ANT1         | 4.547             | 5.08           |

### Slot 1 (Band 66), Bandwidth: 10 MHz, Modulation: TM1.1-QPSK

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2115.00         | ANT0         | 8.999             | 9.95           |
|         |                 | ANT1         | 8.992             | 9.98           |
| Mid     | 2155.00         | ANT0         | 8.996             | 9.94           |
|         |                 | ANT1         | 9.007             | 9.89           |
| High    | 2195.00         | ANT0         | 8.983             | 10.01          |
|         |                 | ANT1         | 9.006             | 10.01          |

### Slot 1 (Band 66), Bandwidth: 15 MHz, Modulation: TM1.1-QPSK

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2117.50         | ANT0         | 13.510            | 14.77          |
|         |                 | ANT1         | 13.475            | 14.72          |
| Mid     | 2155.00         | ANT0         | 13.551            | 14.80          |
|         |                 | ANT1         | 13.526            | 14.79          |
| High    | 2192.50         | ANT0         | 13.518            | 14.80          |
|         |                 | ANT1         | 13.467            | 14.77          |

### Slot 1 (Band 66), Bandwidth: 20 MHz, Modulation: TM1.1-QPSK

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2120.00         | ANT0         | 17.939            | 19.39          |
|         |                 | ANT1         | 17.907            | 19.31          |
| Mid     | 2155.00         | ANT0         | 17.911            | 19.72          |
|         |                 | ANT1         | 17.911            | 19.61          |
| High    | 2190.00         | ANT0         | 17.905            | 19.49          |
|         |                 | ANT1         | 17.905            | 19.74          |

### Slot 1 (Band 66), Bandwidth: 5 MHz, Modulation: TM3.2-16QAM

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2112.50         | ANT0         | 4.544             | 5.14           |
|         |                 | ANT1         | 4.556             | 5.23           |
| Mid     | 2155.00         | ANT0         | 4.553             | 5.16           |
|         |                 | ANT1         | 4.516             | 4.55           |
| High    | 2197.50         | ANT0         | 4.539             | 5.11           |
|         |                 | ANT1         | 4.560             | 5.49           |

# Intertek

Report Number: 103866582BOX-010b

Issued: 07/19/2019

### Slot 1 (Band 66), Bandwidth: 10 MHz, Modulation: TM3.2-16QAM

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2115.00         | ANT0         | 9.014             | 9.91           |
|         |                 | ANT1         | 8.985             | 9.91           |
| Mid     | 2155.00         | ANT0         | 9.004             | 9.91           |
|         |                 | ANT1         | 9.018             | 9.89           |
| High    | 2195.00         | ANT0         | 9.021             | 9.91           |
|         |                 | ANT1         | 9.023             | 9.94           |

### Slot 1 (Band 66), Bandwidth: 15 MHz, Modulation: TM3.2-16QAM

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2117.50         | ANT0         | 13.524            | 14.48          |
|         |                 | ANT1         | 13.453            | 14.47          |
| Mid     | 2155.00         | ANT0         | 13.488            | 14.47          |
|         |                 | ANT1         | 13.548            | 14.51          |
| High    | 2192.50         | ANT0         | 13.485            | 14.37          |
|         |                 | ANT1         | 13.466            | 14.58          |

### Slot 1 (Band 66), Bandwidth: 20 MHz, Modulation: TM3.2-16QAM

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2120.00         | ANT0         | 17.945            | 19.11          |
|         |                 | ANT1         | 17.892            | 19.51          |
| Mid     | 2155.00         | ANT0         | 17.868            | 19.62          |
|         |                 | ANT1         | 17.933            | 19.48          |
| High    | 2190.00         | ANT0         | 17.933            | 19.03          |
|         |                 | ANT1         | 17.910            | 19.56          |

### Slot 1 (Band 66), Bandwidth: 5 MHz, Modulation: TM3.1-64QAM

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2112.50         | ANT0         | 4.567             | 4.99           |
|         |                 | ANT1         | 4.520             | 5.08           |
| Mid     | 2155.00         | ANT0         | 4.524             | 5.06           |
|         |                 | ANT1         | 4.580             | 5.04           |
| High    | 2197.50         | ANT0         | 4.585             | 5.31           |
|         |                 | ANT1         | 4.579             | 5.49           |

### Slot 1 (Band 66), Bandwidth: 10 MHz, Modulation: TM3.1-64QAM

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2115.00         | ANT0         | 8.996             | 9.90           |
|         |                 | ANT1         | 9.022             | 9.92           |
| Mid     | 2155.00         | ANT0         | 8.993             | 9.90           |
|         |                 | ANT1         | 8.982             | 9.90           |
| High    | 2195.00         | ANT0         | 8.996             | 9.94           |
|         |                 | ANT1         | 9.000             | 9.98           |

# Intertek

Report Number: 103866582BOX-010b

Issued: 07/19/2019

### Slot 1 (Band 66), Bandwidth: 15 MHz, Modulation: TM3.1-64QAM

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2117.50         | ANT0         | 13.518            | 14.59          |
|         |                 | ANT1         | 13.501            | 14.65          |
| Mid     | 2155.00         | ANT0         | 13.468            | 14.70          |
|         |                 | ANT1         | 13.440            | 14.67          |
| High    | 2192.50         | ANT0         | 13.479            | 14.62          |
|         |                 | ANT1         | 13.470            | 14.82          |

### Slot 1 (Band 66), Bandwidth: 20 MHz, Modulation: TM3.1-64QAM

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2120.00         | ANT0         | 17.865            | 19.53          |
|         |                 | ANT1         | 17.913            | 19.46          |
| Mid     | 2150.00         | ANT0         | 17.869            | 19.30          |
|         |                 | ANT1         | 17.911            | 19.38          |
| High    | 2190.00         | ANT0         | 17.915            | 19.48          |
|         |                 | ANT1         | 17.930            | 19.65          |

### Slot 1 (Band 66), Bandwidth: 5 MHz, Modulation: TM3.1a-256QAM

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2112.50         | ANT0         | 4.553             | 5.04           |
|         |                 | ANT1         | 4.551             | 5.08           |
| Mid     | 2155.00         | ANT0         | 4.536             | 5.10           |
|         |                 | ANT1         | 4.575             | 5.04           |
| High    | 2197.50         | ANT0         | 4.557             | 5.19           |
|         |                 | ANT1         | 4.550             | 5.14           |

### Slot 1 (Band 66), Bandwidth: 10 MHz, Modulation: TM3.1a-256QAM

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2115.00         | ANT0         | 8.967             | 9.85           |
|         |                 | ANT1         | 9.007             | 9.84           |
| Mid     | 2155.00         | ANT0         | 8.983             | 9.79           |
|         |                 | ANT1         | 8.963             | 9.87           |
| High    | 2195.00         | ANT0         | 8.989             | 9.90           |
|         |                 | ANT1         | 8.968             | 9.84           |

### Slot 1 (Band 66), Bandwidth: 15 MHz, Modulation: TM3.1a-256QAM

| Channel | Frequency (MHz) | Antenna Port | Occupied BW (MHz) | 26 dB BW (MHz) |
|---------|-----------------|--------------|-------------------|----------------|
| Low     | 2117.50         | ANT0         | 13.445            | 14.70          |
|         |                 | ANT1         | 13.505            | 14.23          |
| Mid     | 2155.00         | ANT0         | 13.495            | 14.53          |
|         |                 | ANT1         | 13.440            | 14.67          |
| High    | 2192.50         | ANT0         | 13.479            | 14.75          |
|         |                 | ANT1         | 13.470            | 14.73          |

**Slot 1 (Band 66), Bandwidth: 20 MHz, Modulation: TM3.1a-256QAM**

| <b>Channel</b> | <b>Frequency (MHz)</b> | <b>Antenna Port</b> | <b>Occupied BW (MHz)</b> | <b>26 dB BW (MHz)</b> |
|----------------|------------------------|---------------------|--------------------------|-----------------------|
| Low            | 2120.00                | ANT0                | 17.848                   | 19.42                 |
|                |                        | ANT1                | 17.928                   | 19.49                 |
| Mid            | 2150.00                | ANT0                | 17.971                   | 19.65                 |
|                |                        | ANT1                | 17.915                   | 19.58                 |
| High           | 2190.00                | ANT0                | 17.913                   | 19.57                 |
|                |                        | ANT1                | 17.871                   | 20.03                 |

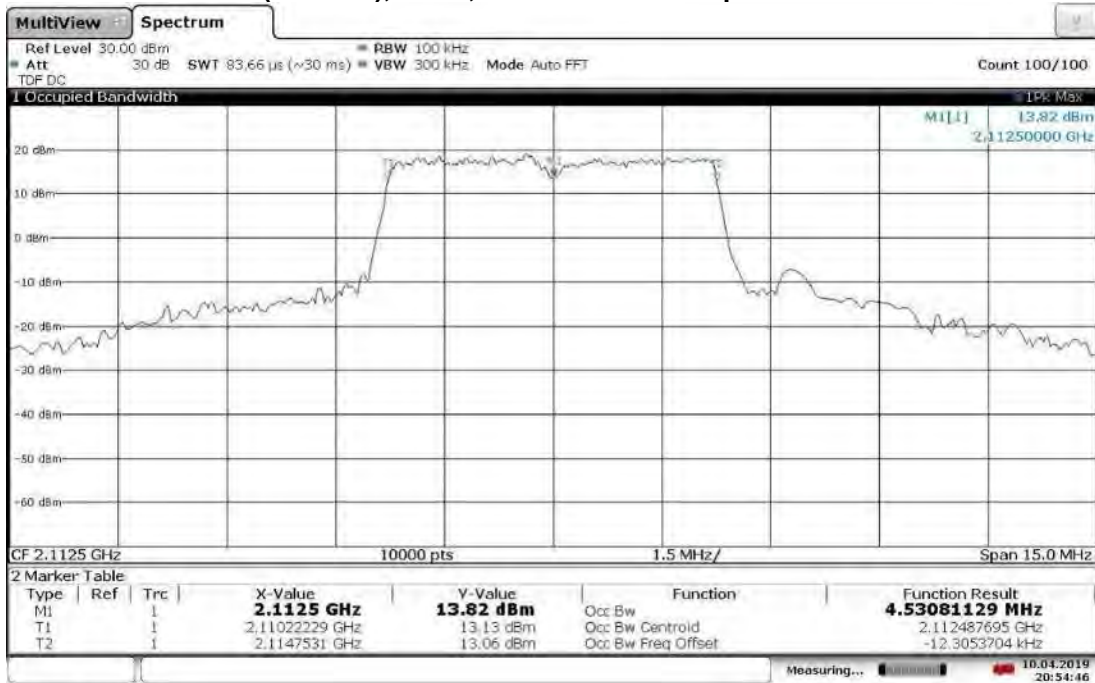
8.4 Setup Photograph:



8.5 Plots/Data:

TM1.1-QPSK\_5 MHz Bandwidth

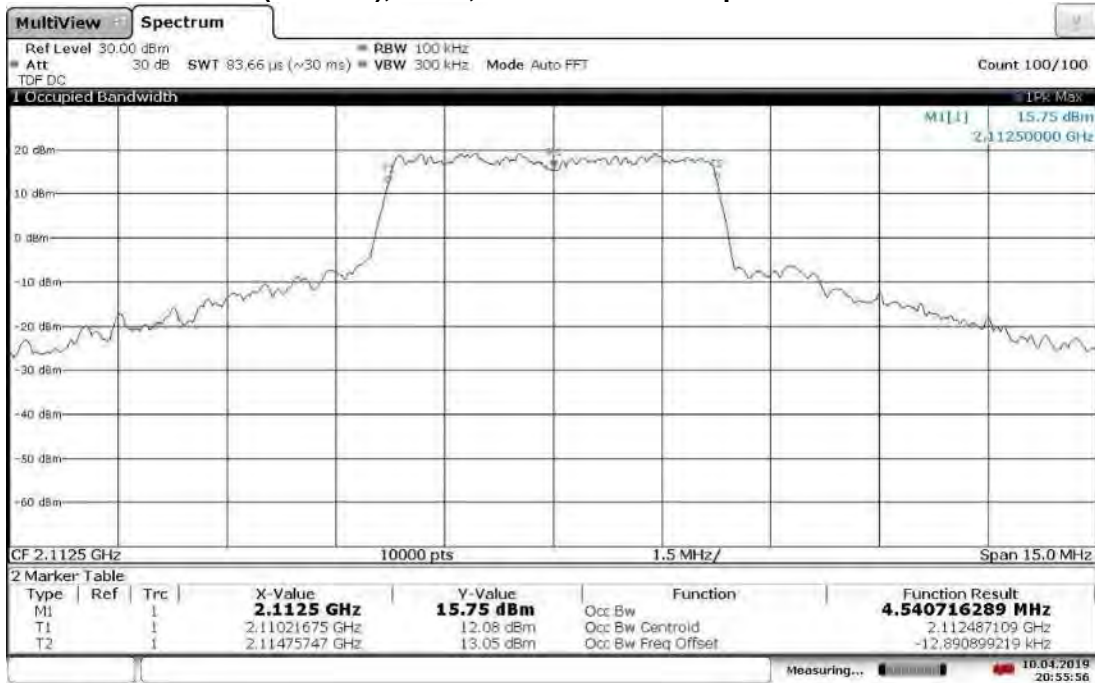
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



20:54:46 10.04.2019

TM1.1-QPSK\_5 MHz Bandwidth

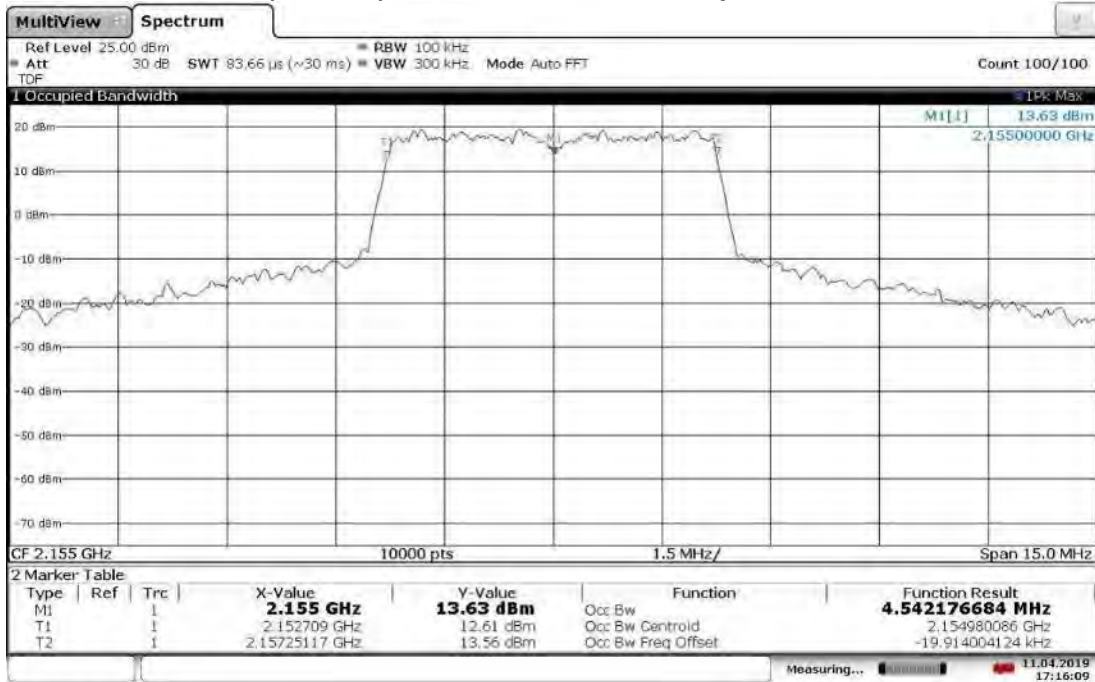
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



20:55:57 10.04.2019

TM1.1-QPSK\_5 MHz Bandwidth

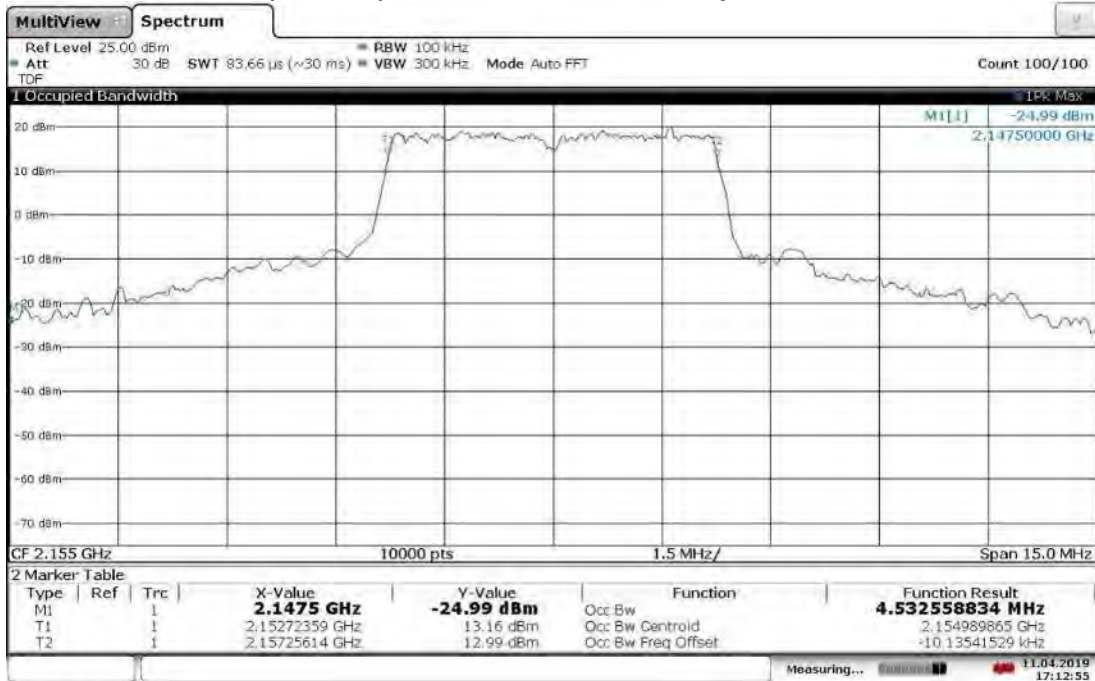
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



17:16:10 11.04.2019

TM1.1-QPSK\_5 MHz Bandwidth

Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth

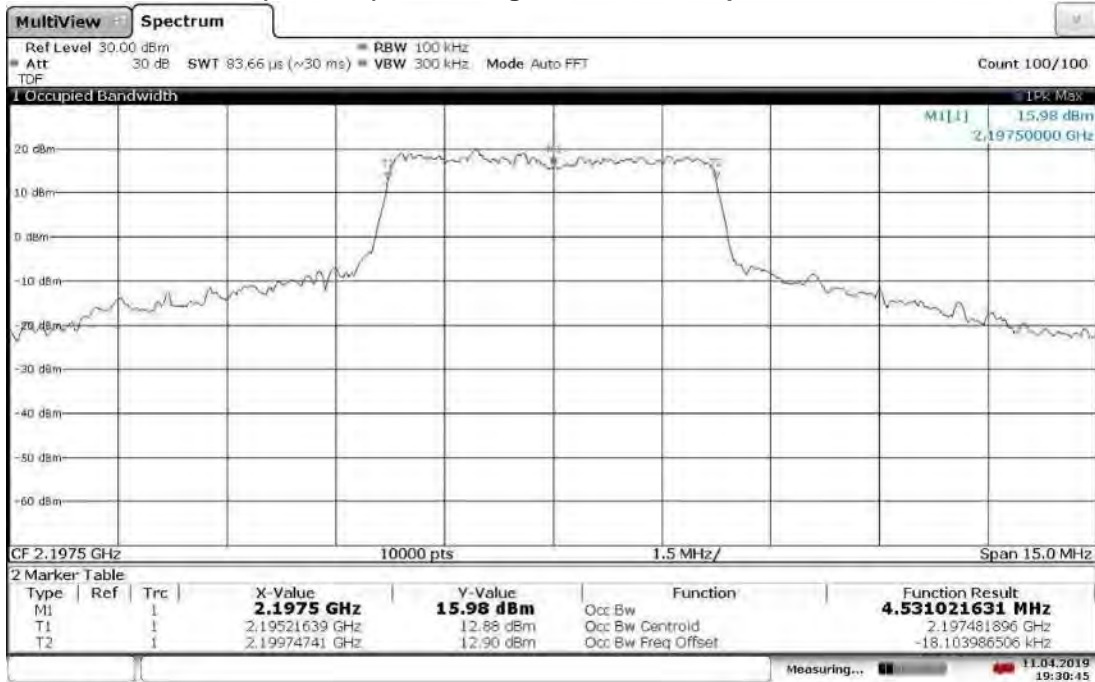


17:12:56 11.04.2019



TM1.1-QPSK\_5 MHz Bandwidth

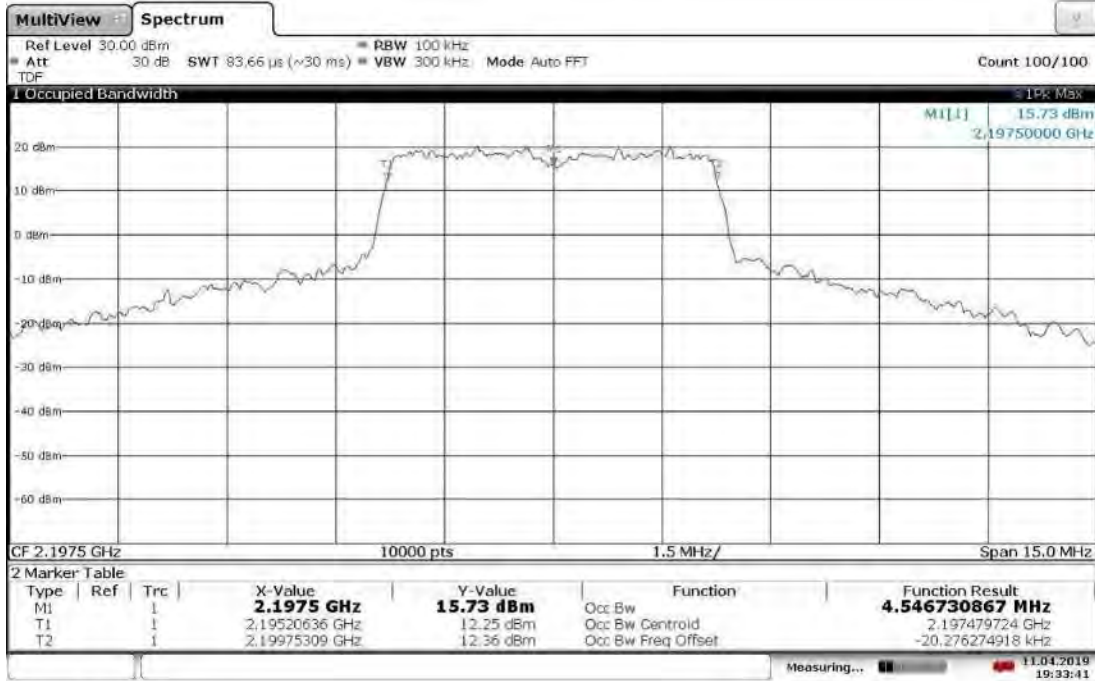
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19:30:46 11.04.2019

TM1.1-QPSK\_5 MHz Bandwidth

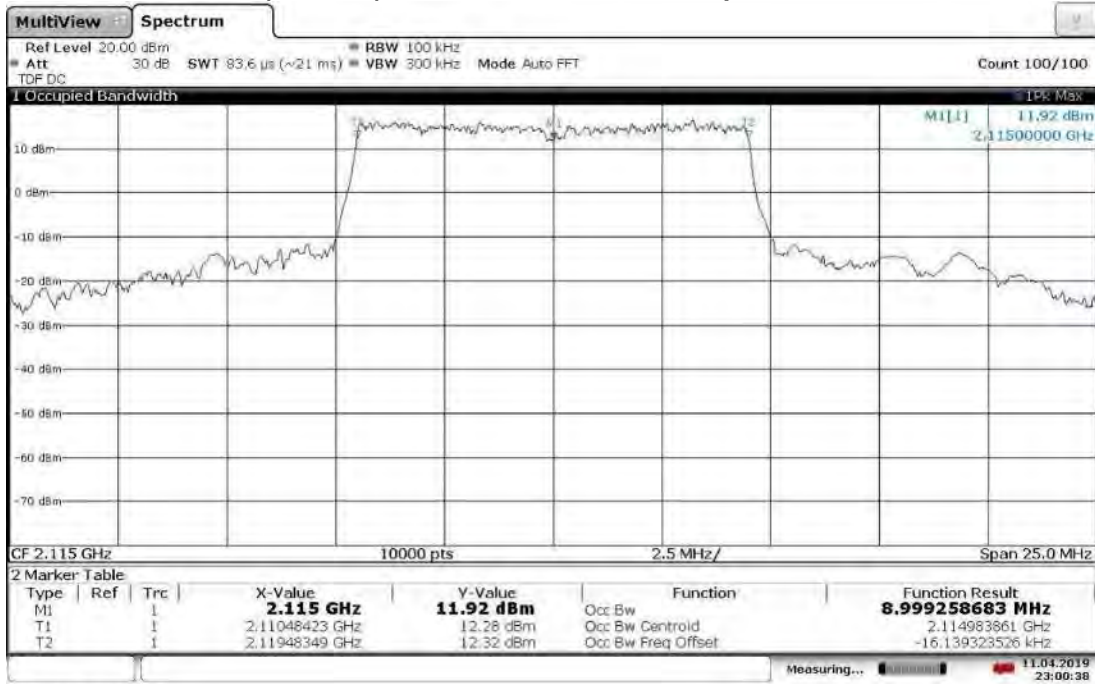
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



19:33:42 11.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

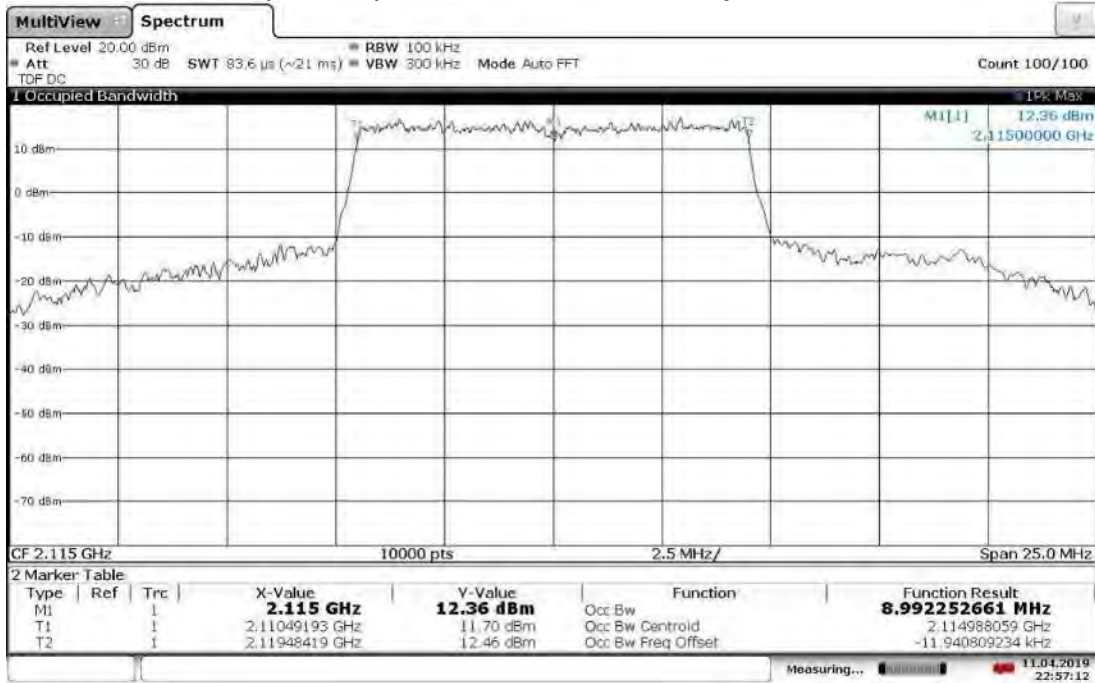
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



23:00:39 11.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

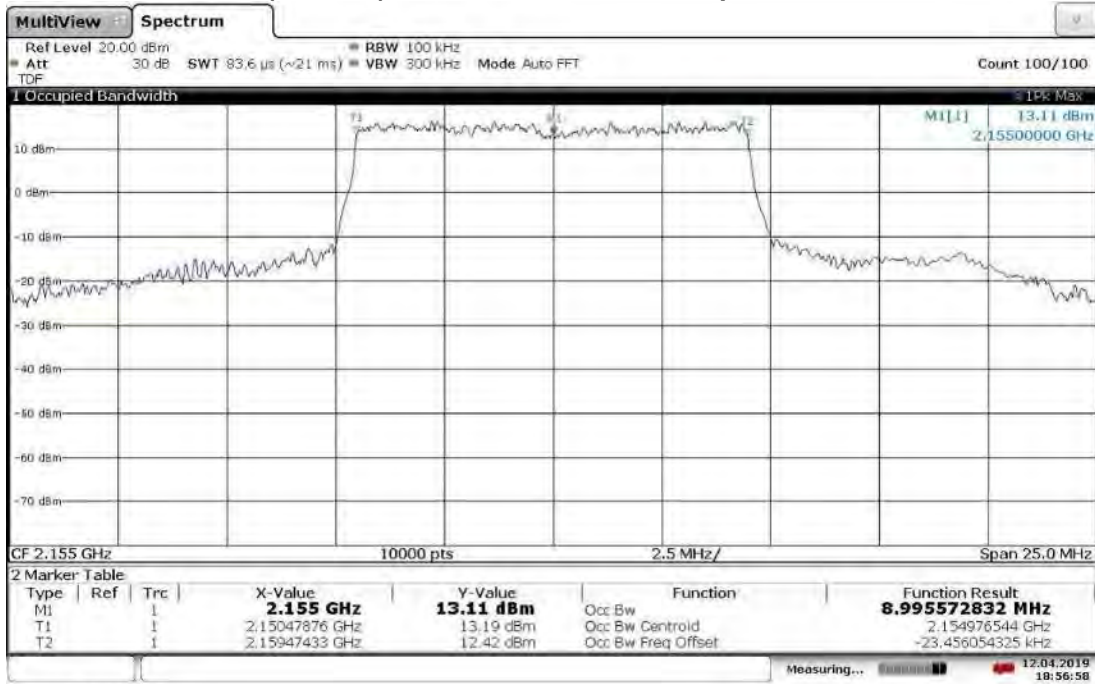
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



22:57:13 11.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

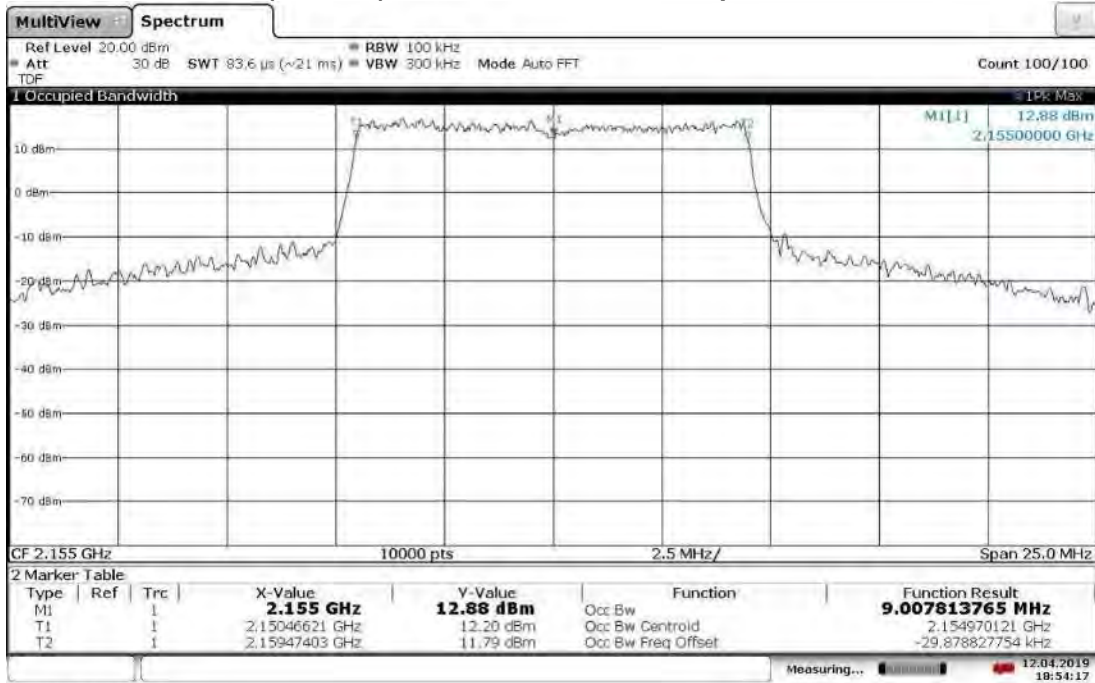
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



18:56:58 12.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

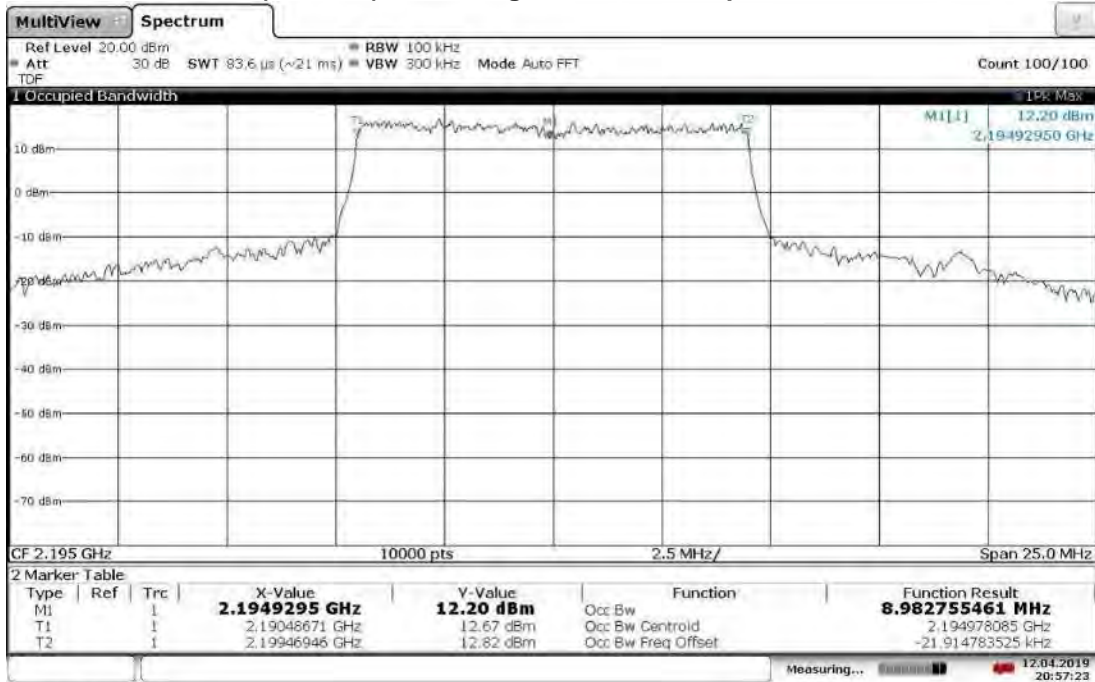
Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth



18:54:19 12.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

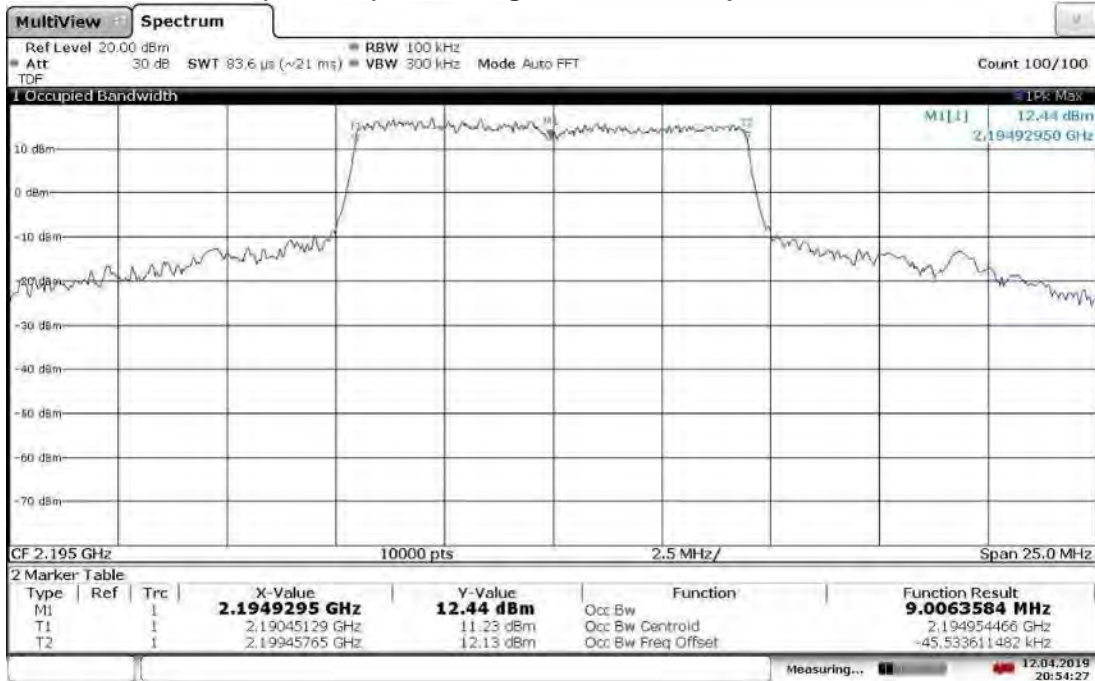
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



20:57:23 12.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

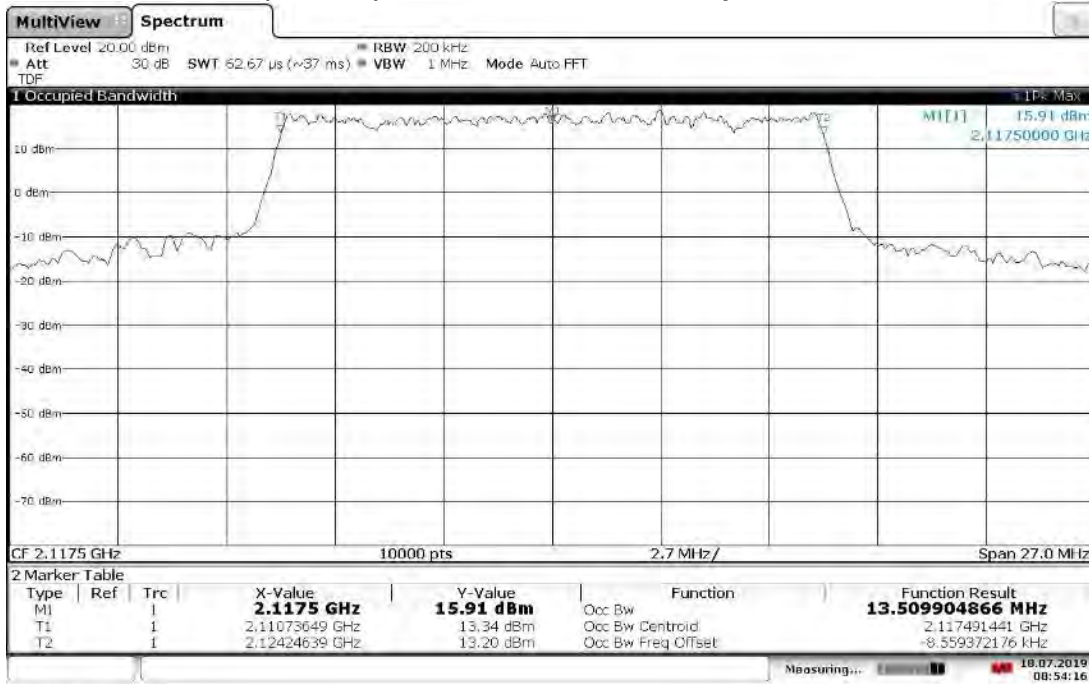
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



20:54:28 12.04.2019

TM1.1-QPSK\_15 MHz Bandwidth

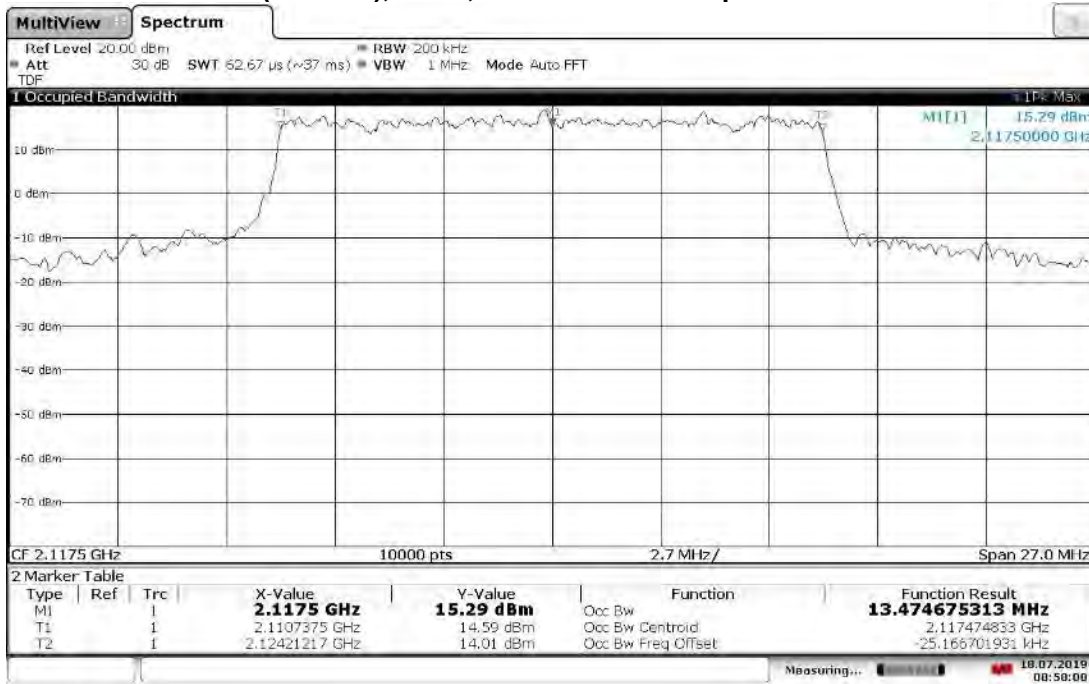
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



08:54:16 18.07.2019

TM1.1-QPSK\_15 MHz Bandwidth

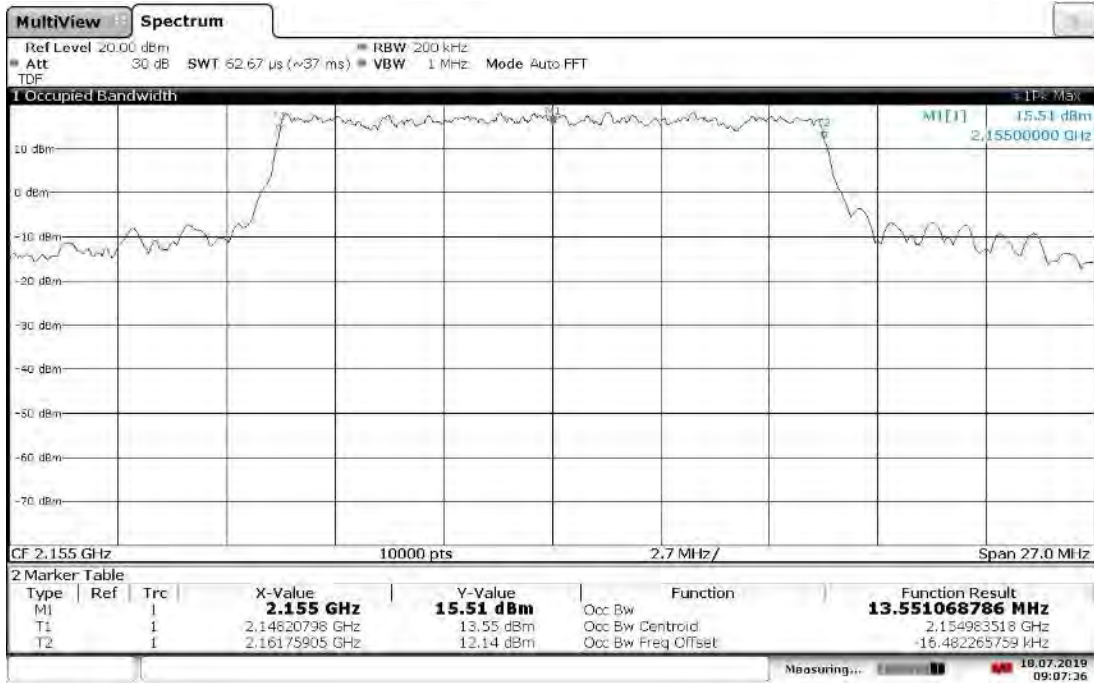
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



08:58:08 18.07.2019

TM1.1-QPSK\_15 MHz Bandwidth

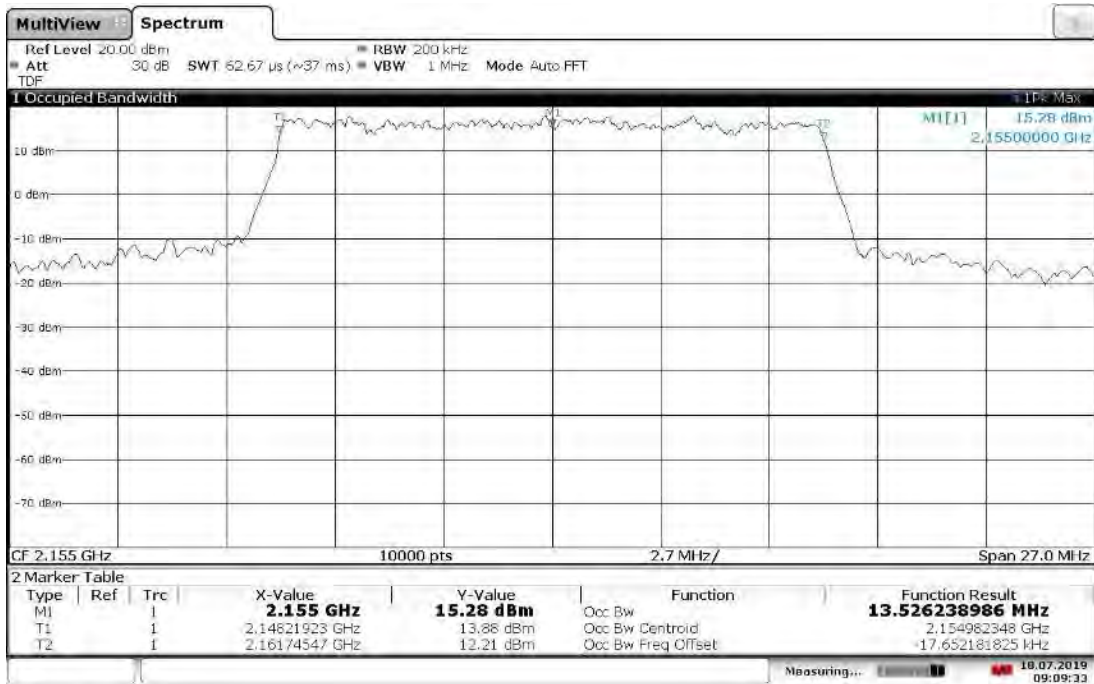
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



09:07:36 18.07.2019

TM1.1-QPSK\_15 MHz Bandwidth

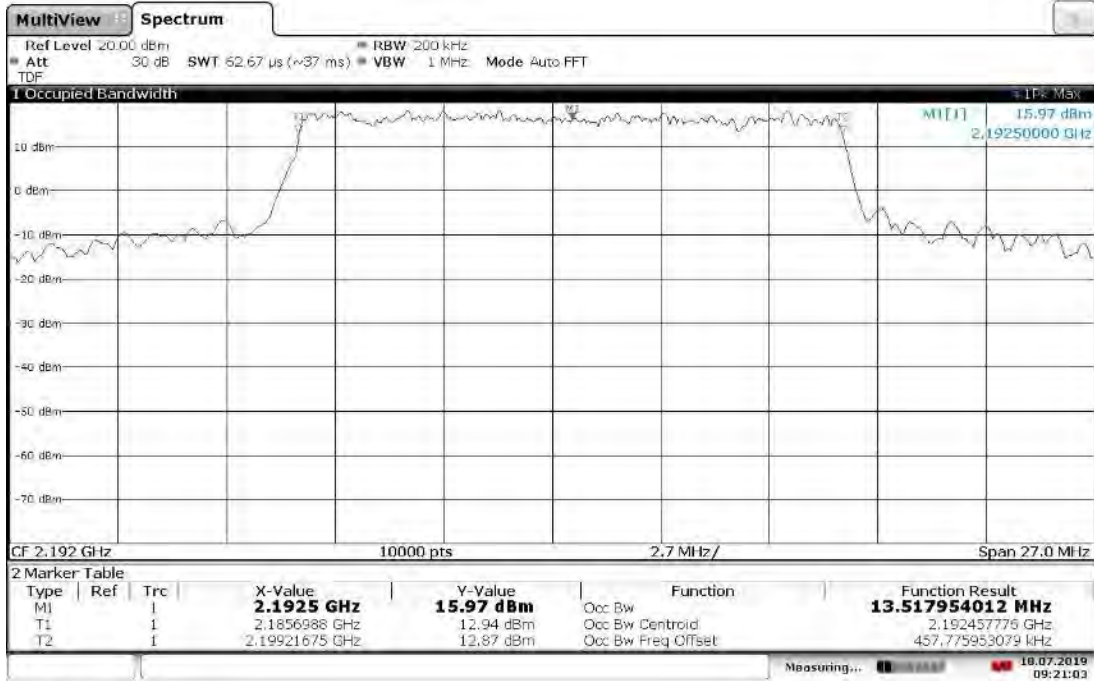
Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth



09:09:34 18.07.2019

TM1.1-QPSK\_15 MHz Bandwidth

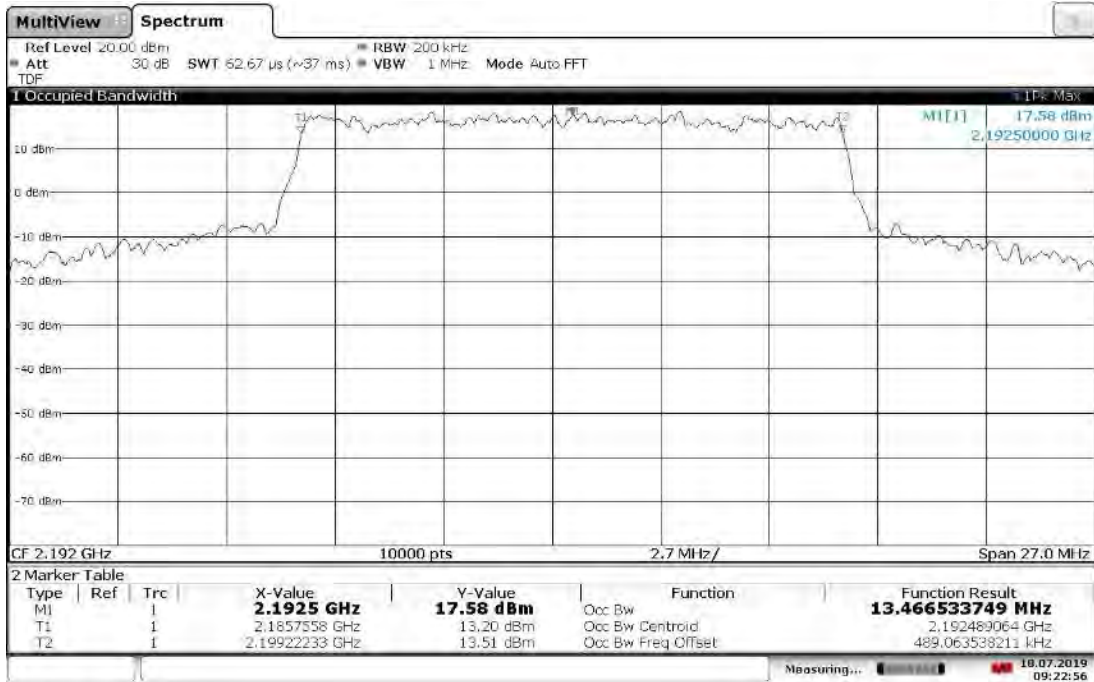
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



09:21:03 18.07.2019

TM1.1-QPSK\_15 MHz Bandwidth

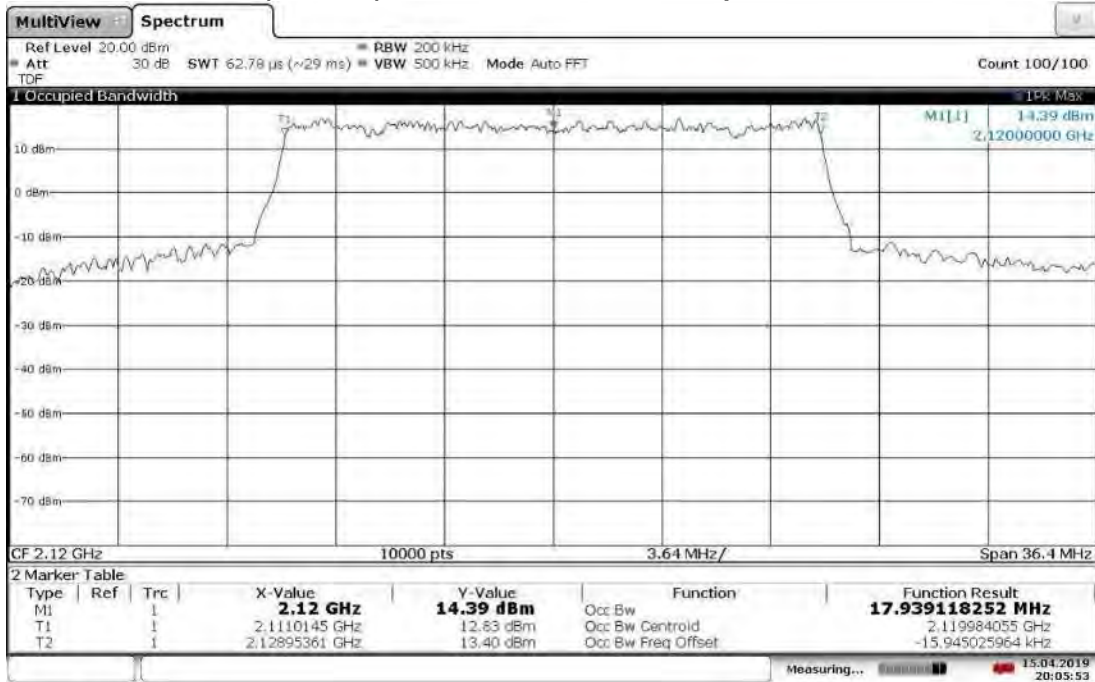
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



09:22:56 18.07.2019

TM1.1-QPSK\_20 MHz Bandwidth

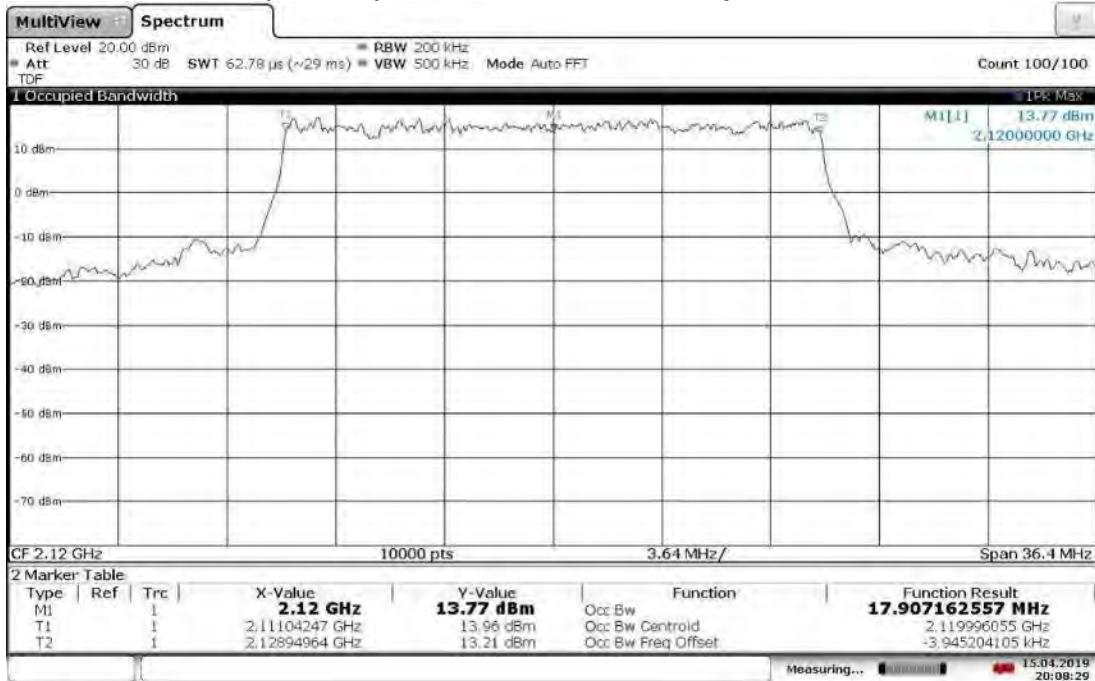
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



20:05:54 15.04.2019

TM1.1-QPSK\_20 MHz Bandwidth

Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth

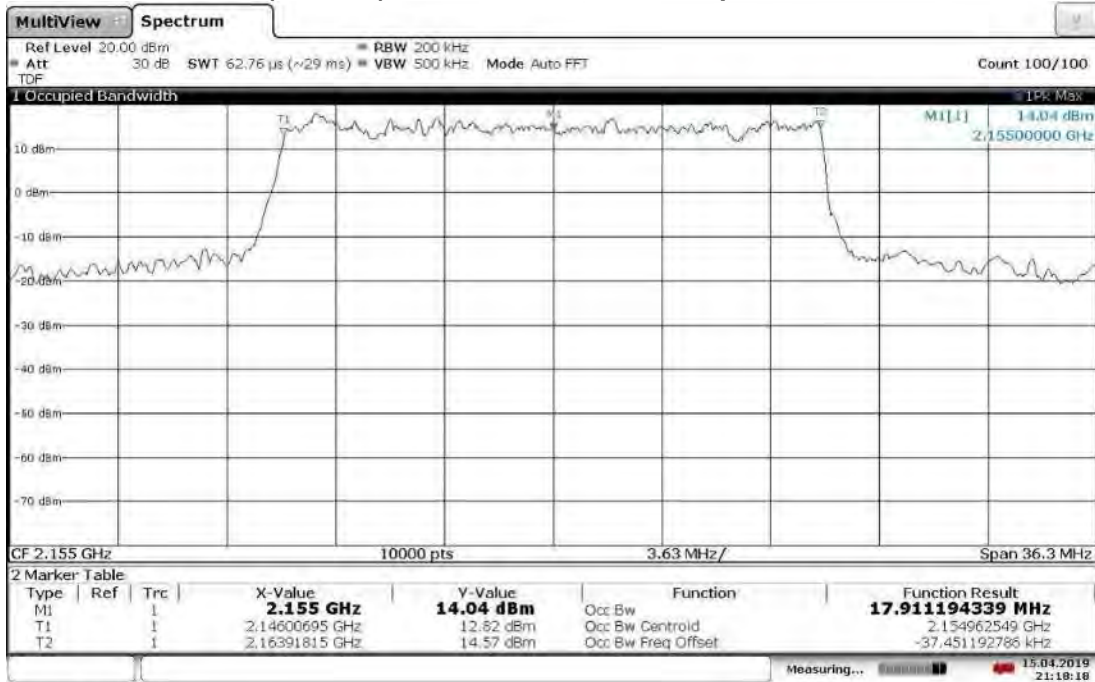


20:08:29 15.04.2019



TM1.1-QPSK\_20 MHz Bandwidth

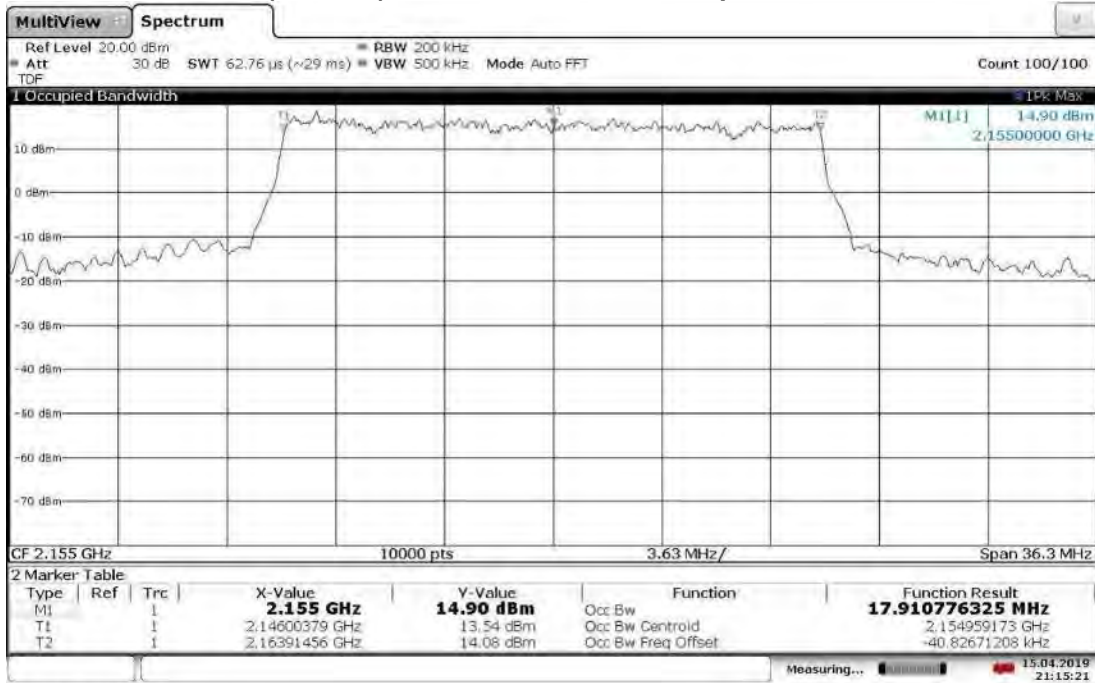
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



21:18:19 15.04.2019

TM1.1-QPSK\_20 MHz Bandwidth

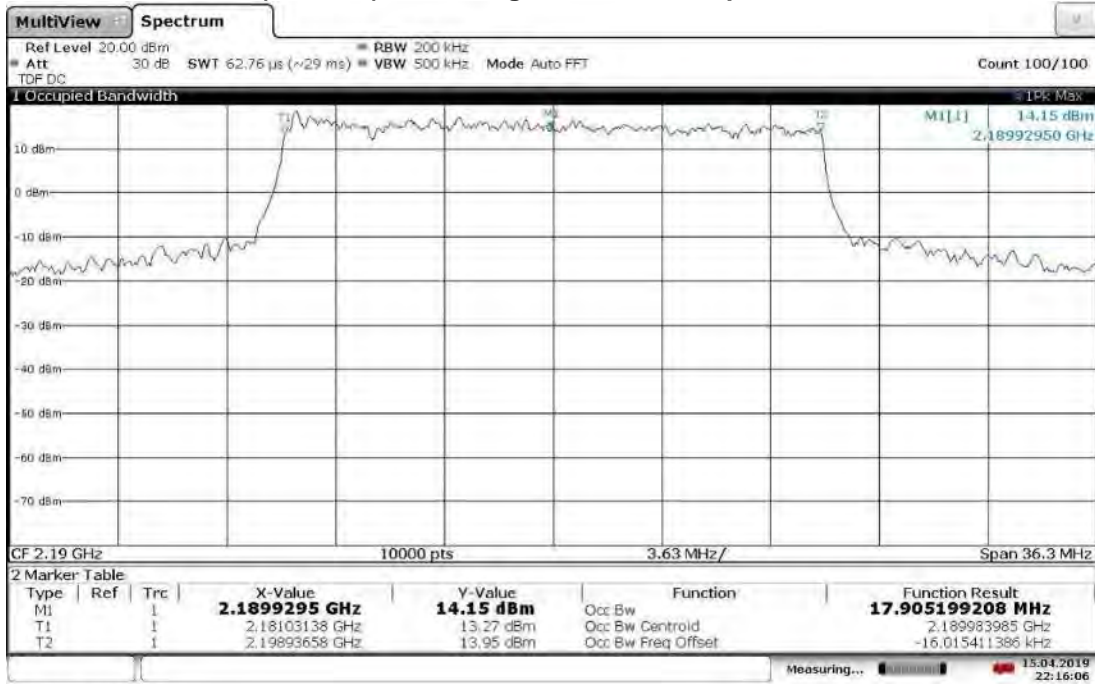
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21:15:21 15.04.2019

TM1.1-QPSK\_20 MHz Bandwidth

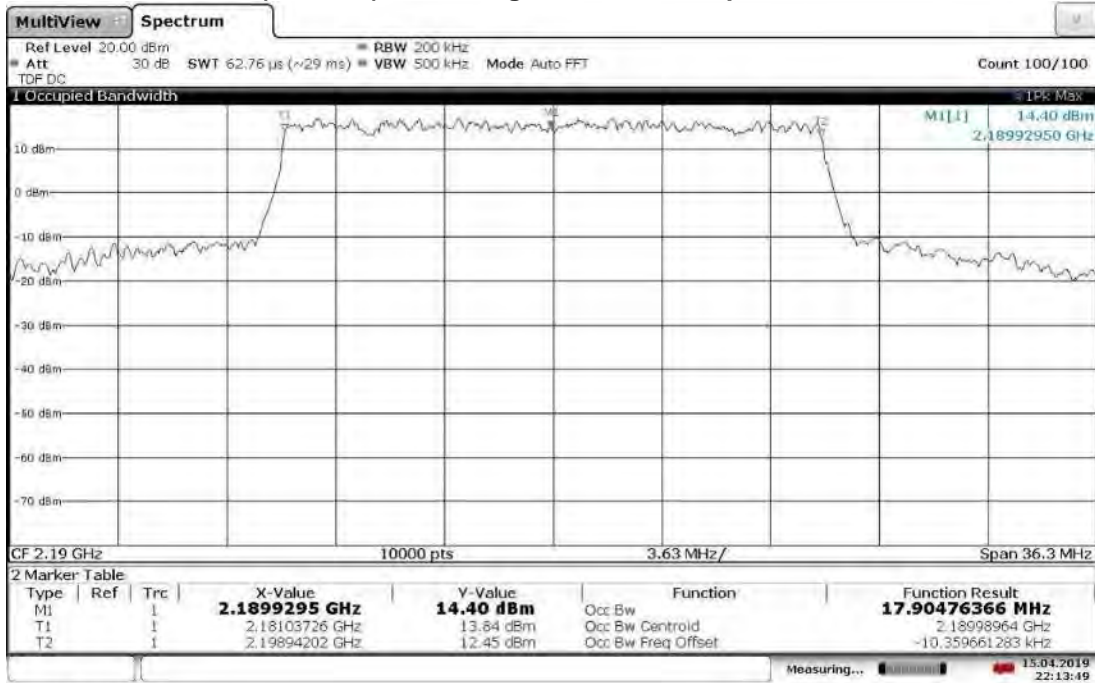
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



22:16:07 15.04.2019

TM1.1-QPSK\_20 MHz Bandwidth

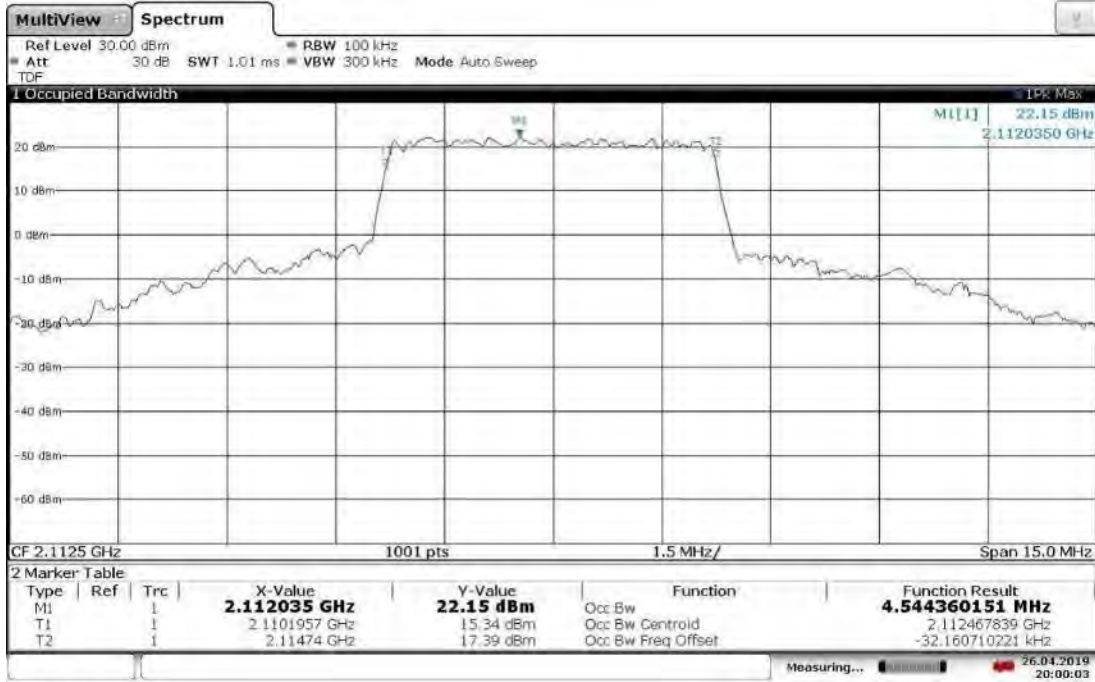
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



22:13:50 15.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



20:00:03 26.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

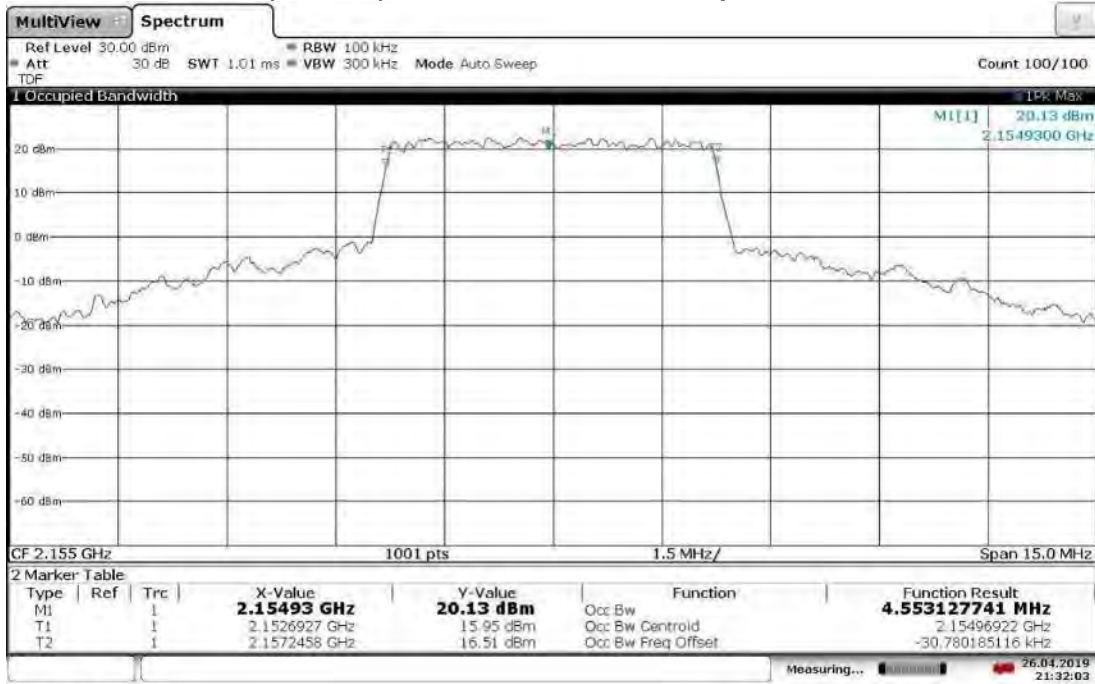
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



20:43:59 26.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

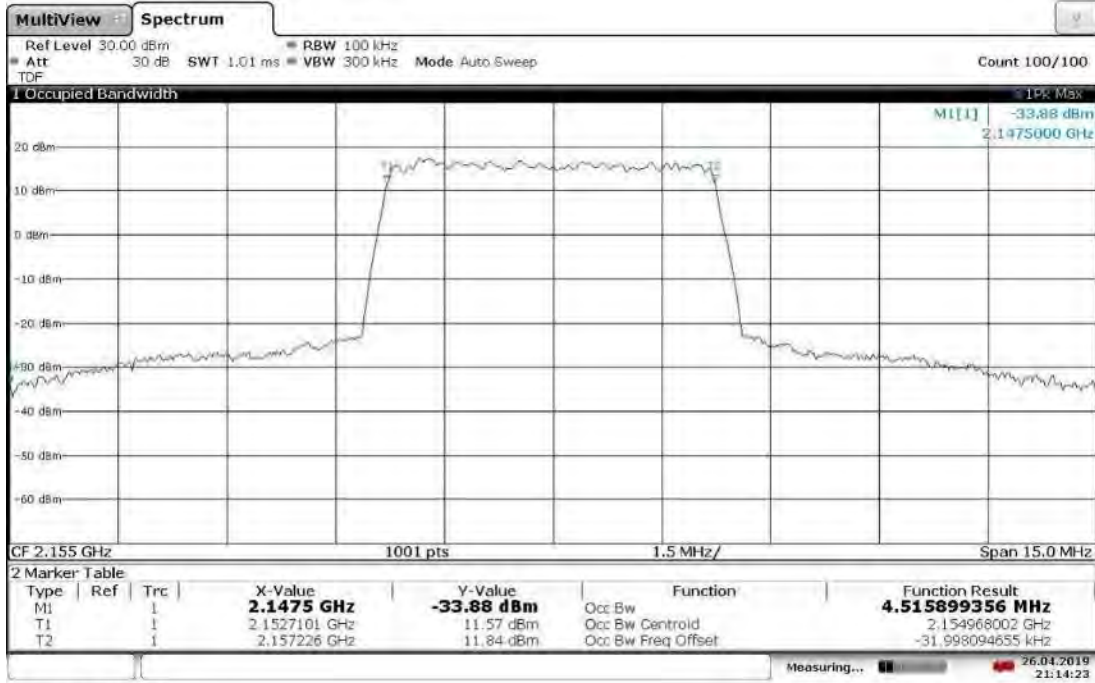
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



21:32:03 26.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

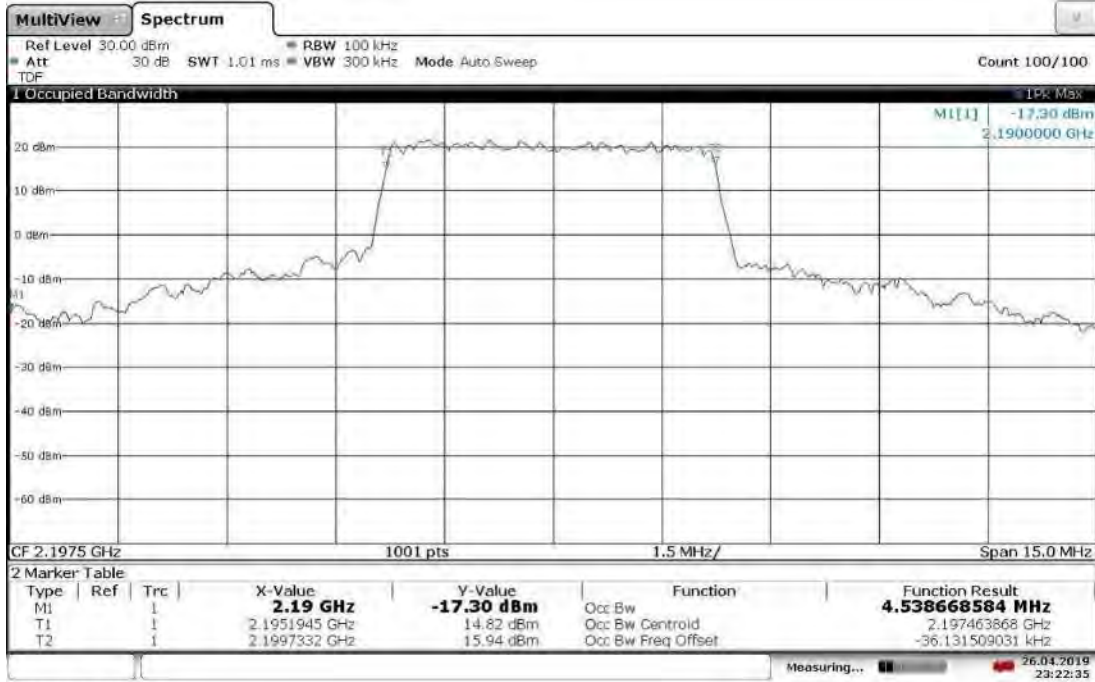
Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth



21:14:23 26.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

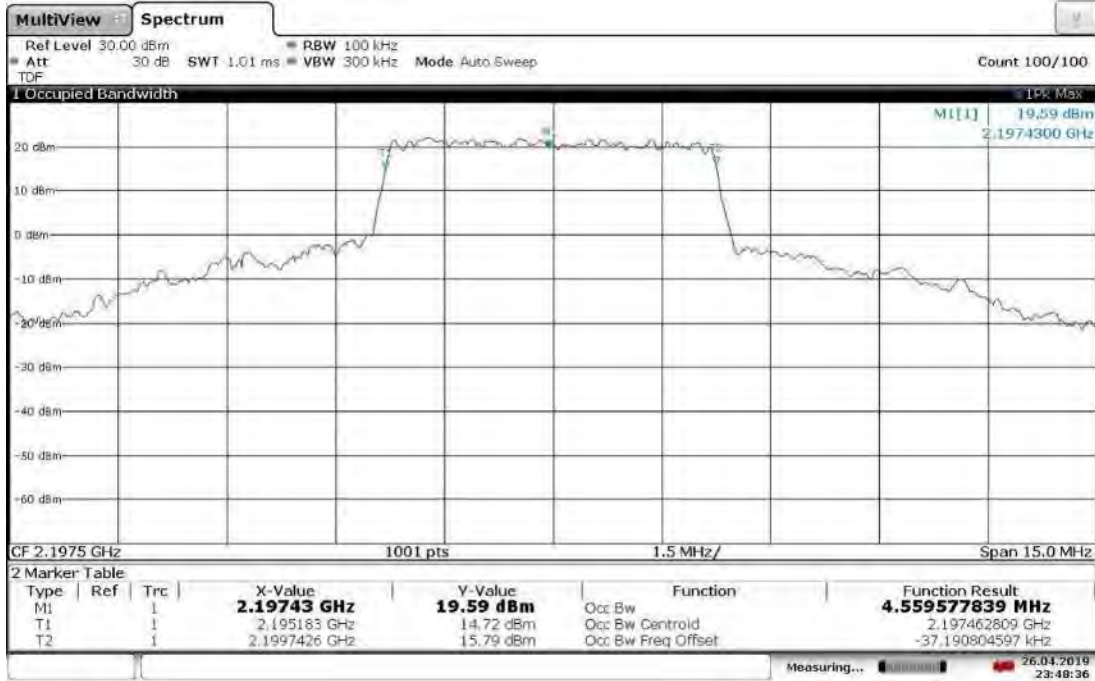
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



23:22:36 26.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

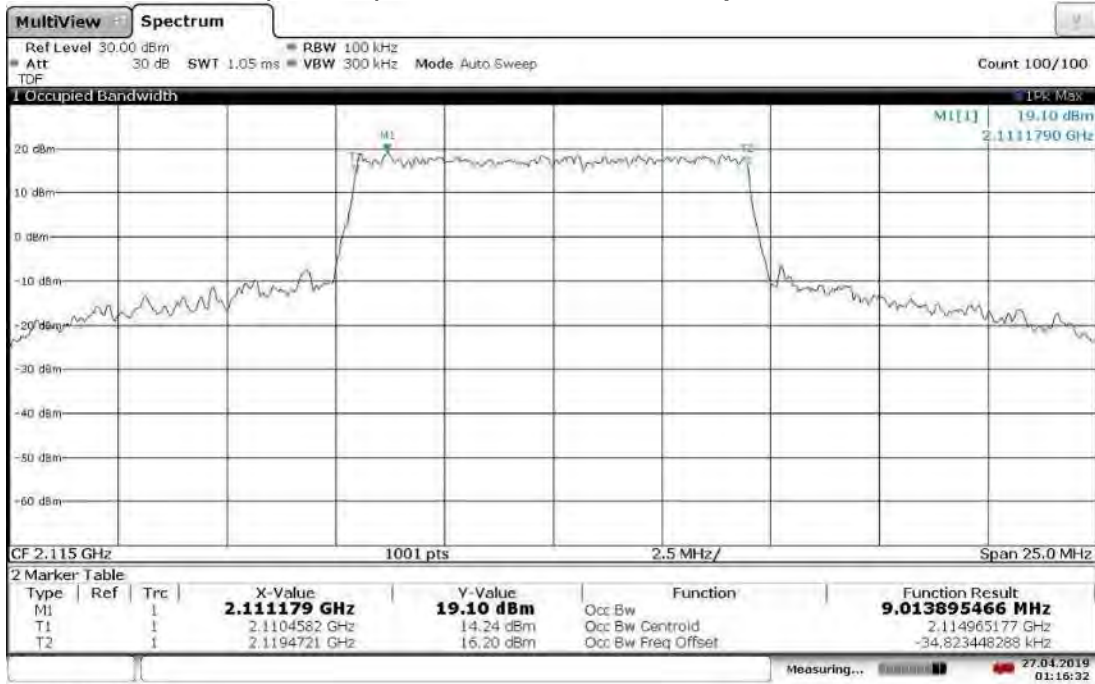
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



23:48:37 26.04.2019

TM3.2-16QAM\_10 MHz Bandwidth

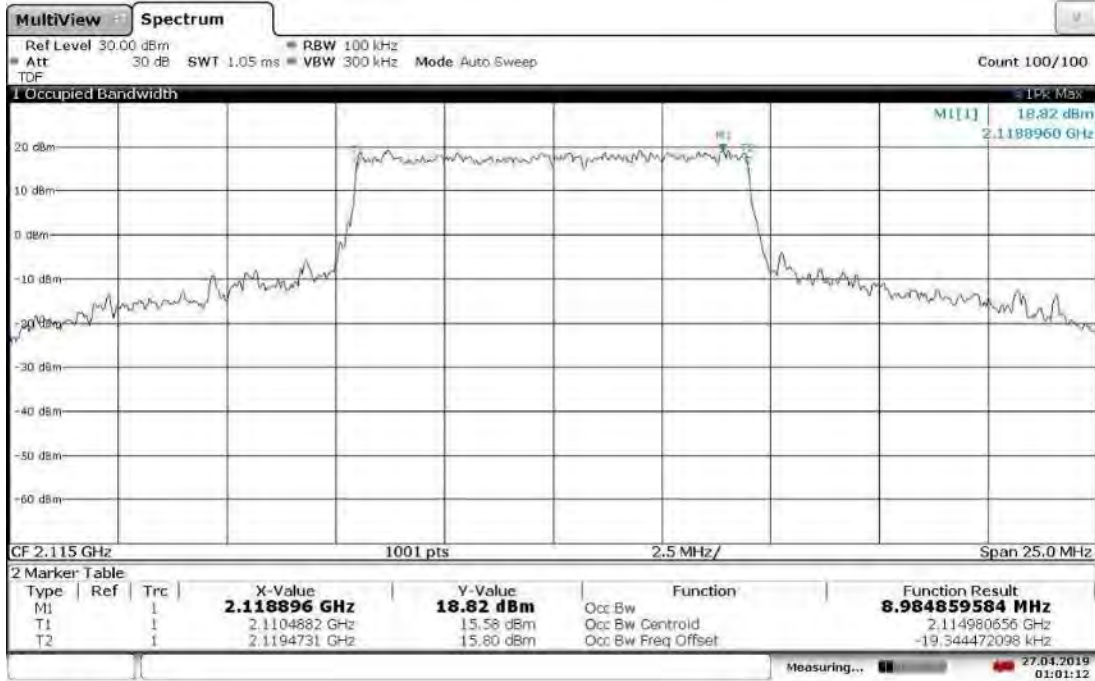
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



01:16:32 27.04.2019

TM3.2-16QAM\_10 MHz Bandwidth

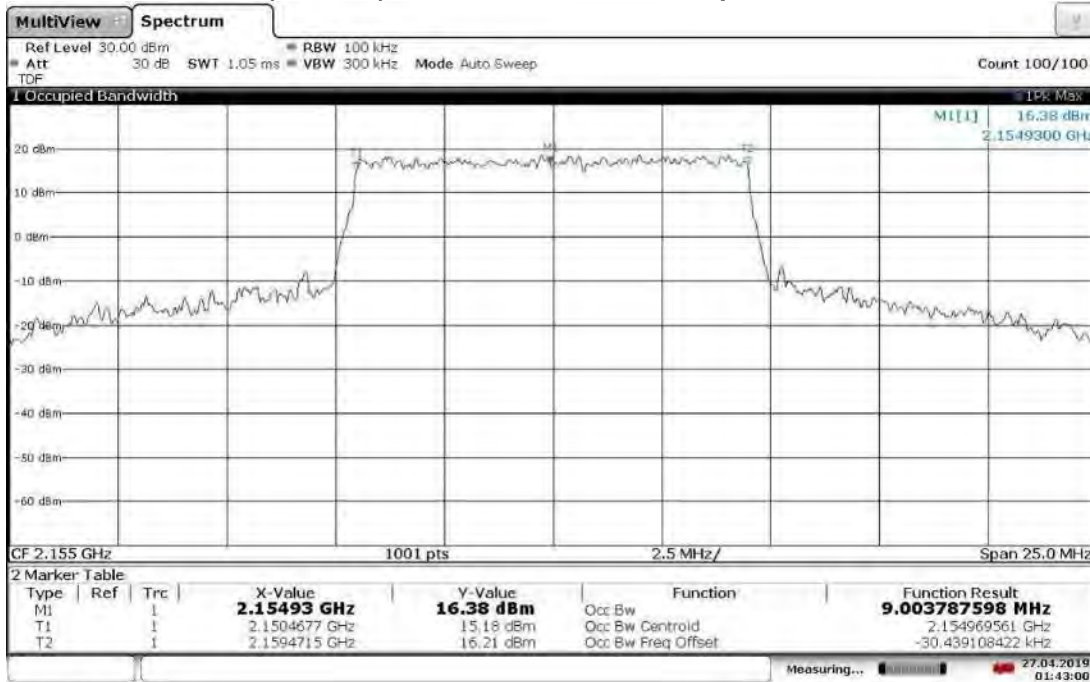
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



01:01:12 27.04.2019

TM3.2-16QAM\_10 MHz Bandwidth

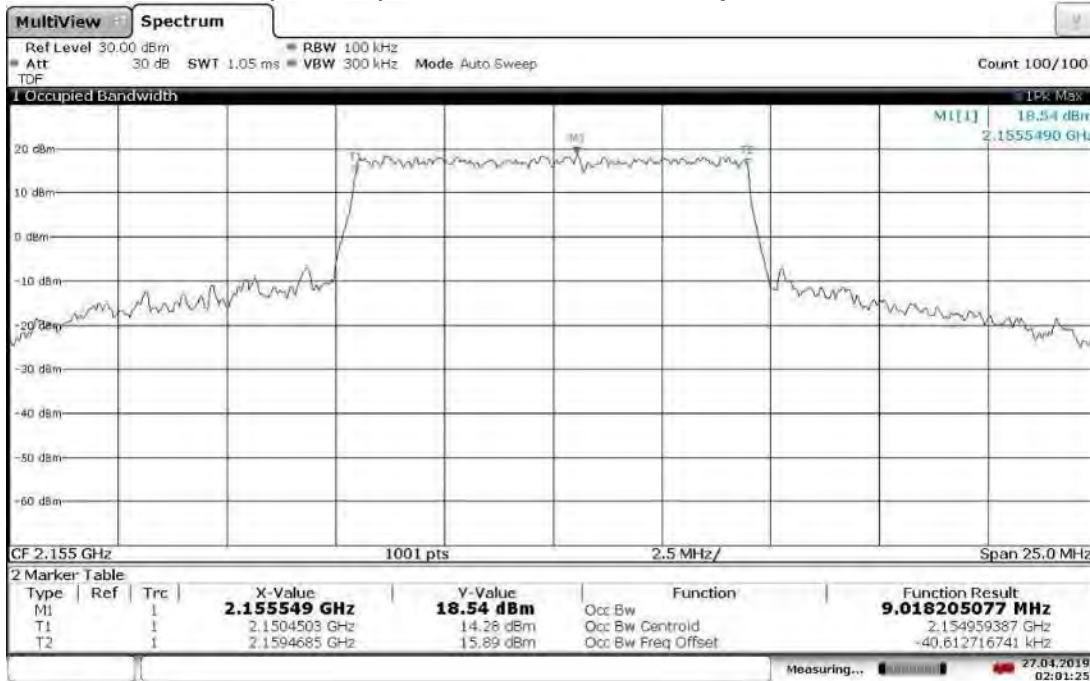
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



01:43:00 27.04.2019

TM3.2-16QAM\_10 MHz Bandwidth

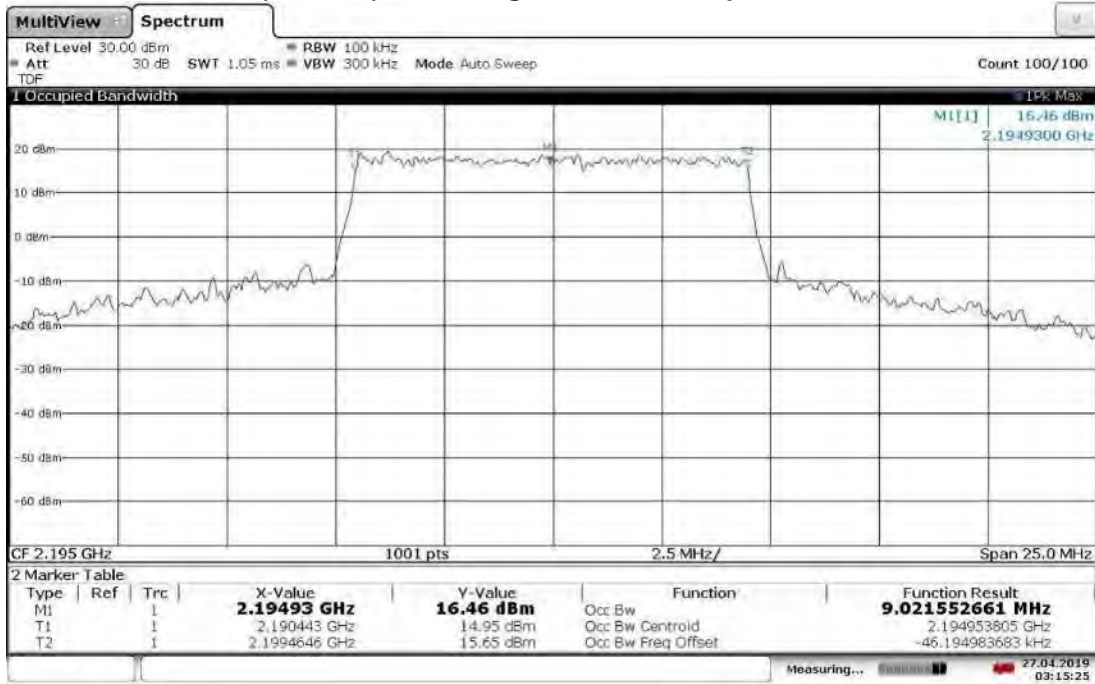
Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth



02:01:25 27.04.2019

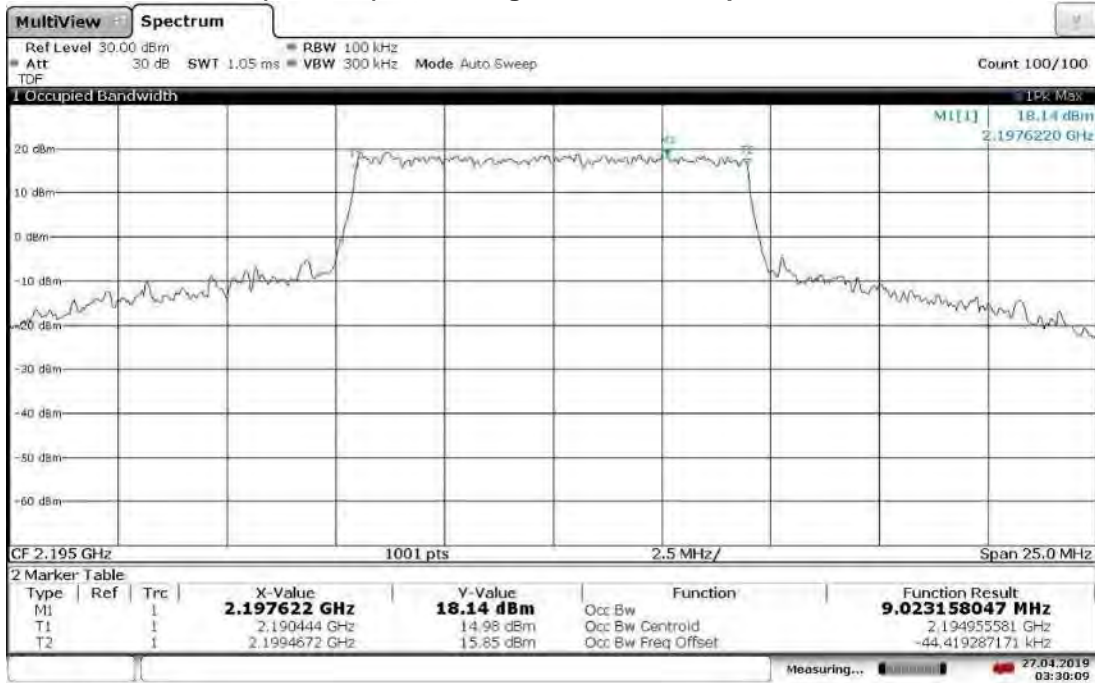
TM3.2-16QAM\_10 MHz Bandwidth

Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



TM3.2-16QAM\_10 MHz Bandwidth

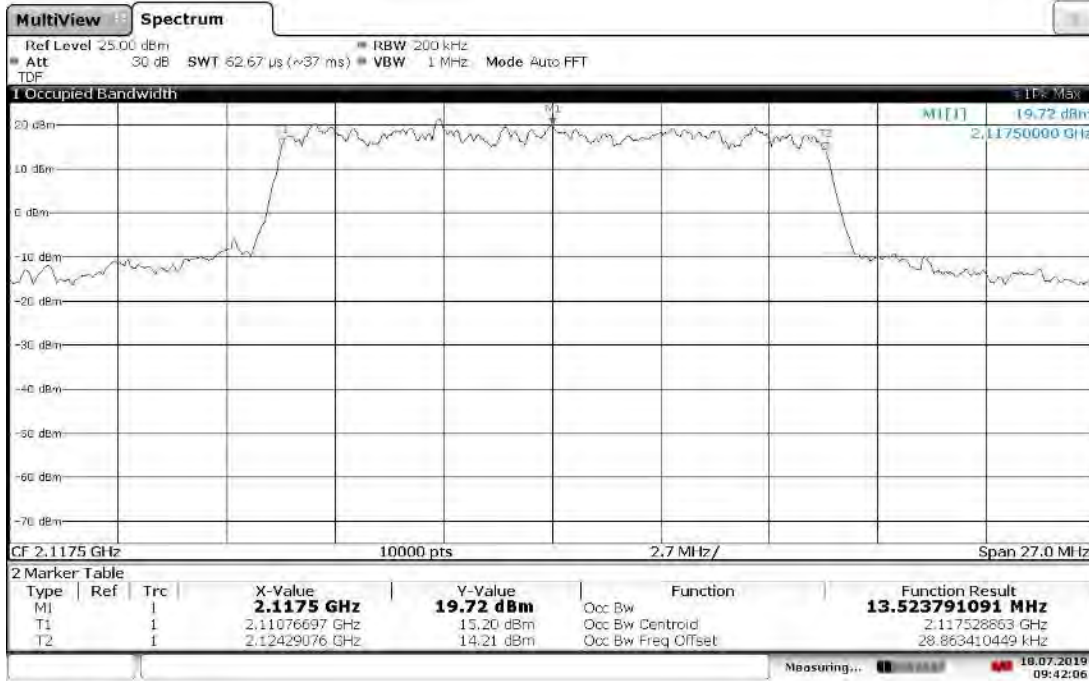
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth





TM3.2-16QAM\_15 MHz Bandwidth

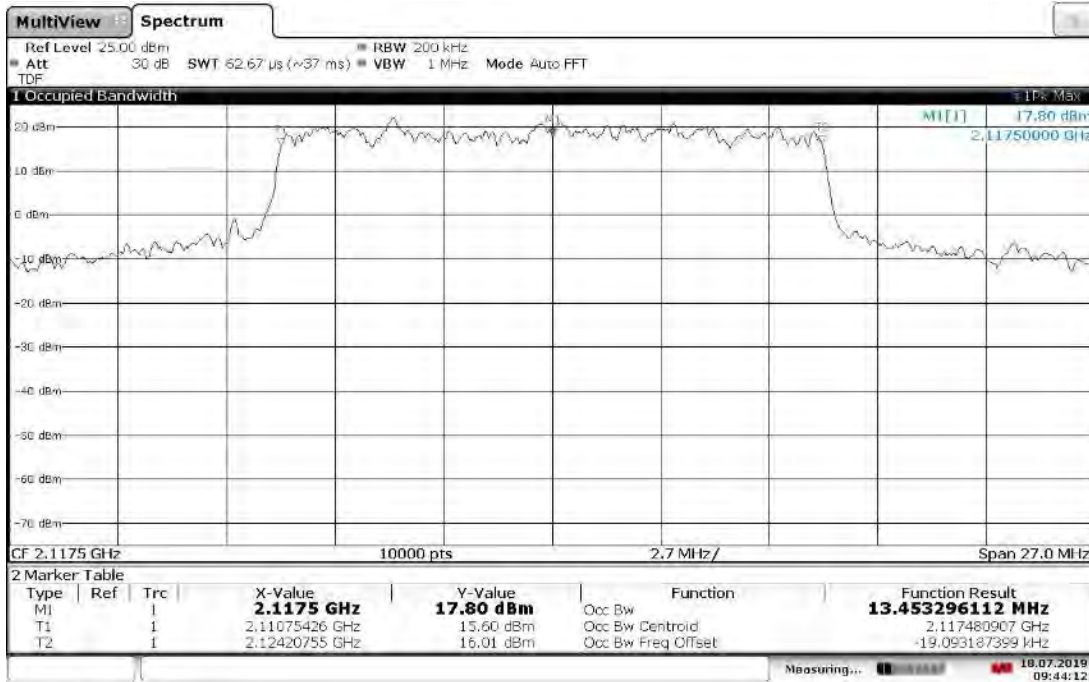
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



09:42:06 18.07.2019

TM3.2-16QAM\_15 MHz Bandwidth

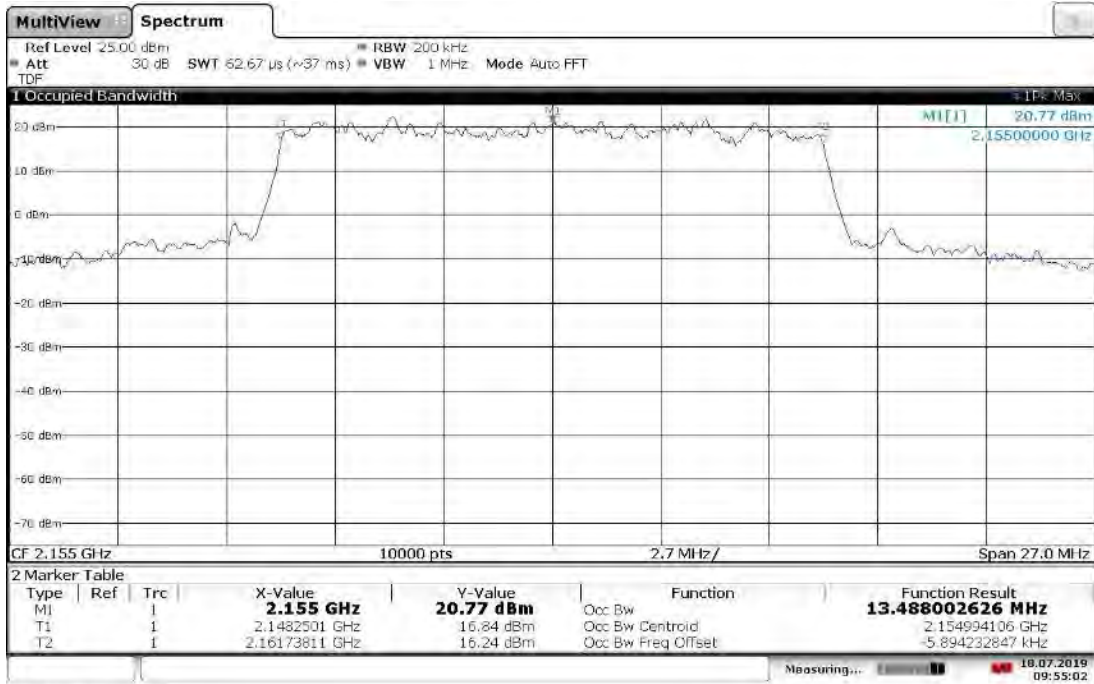
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



09:44:13 18.07.2019

TM3.2-16QAM\_15 MHz Bandwidth

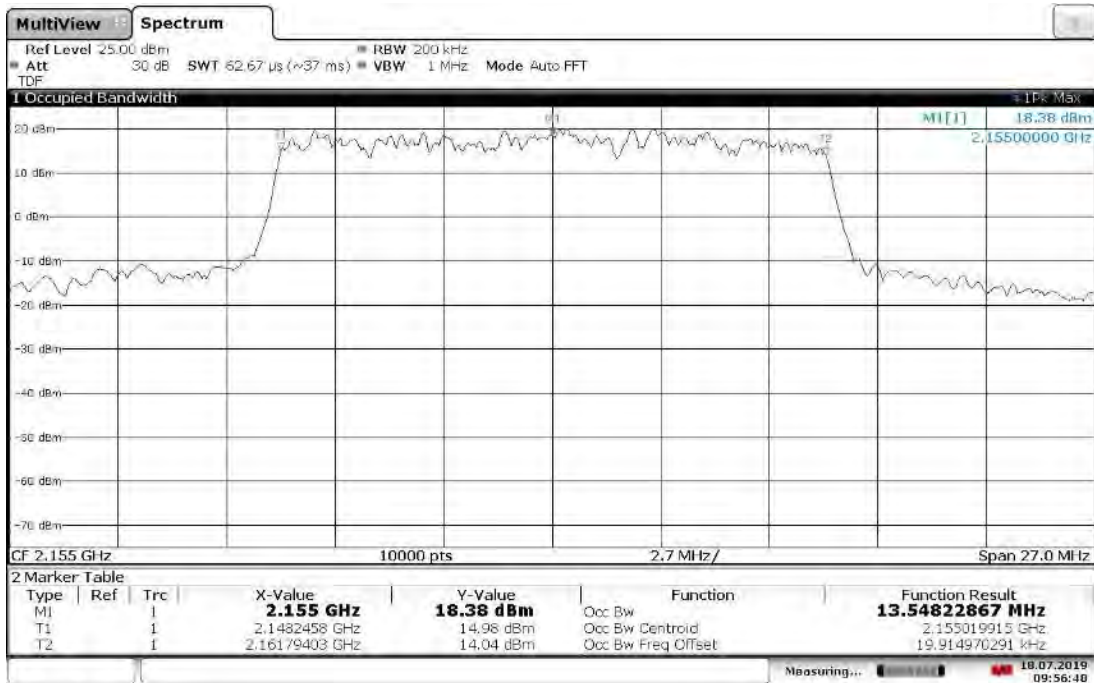
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



09:55:02 18.07.2019

TM3.2-16QAM\_15 MHz Bandwidth

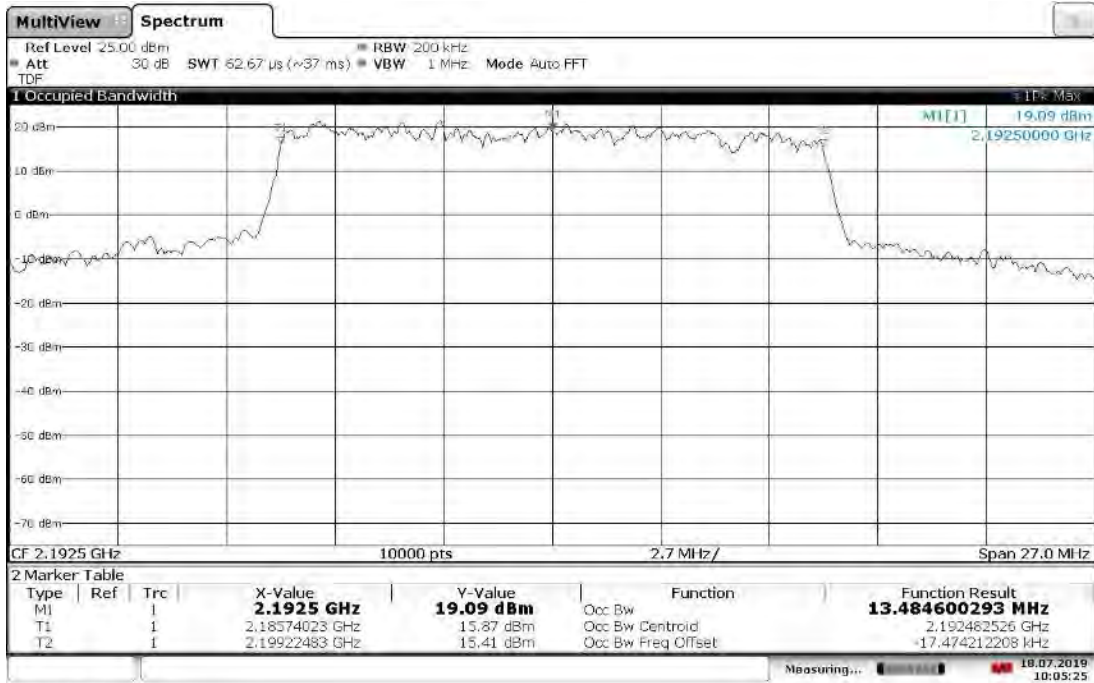
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09:56:48 18.07.2019

TM3.2-16QAM\_15 MHz Bandwidth

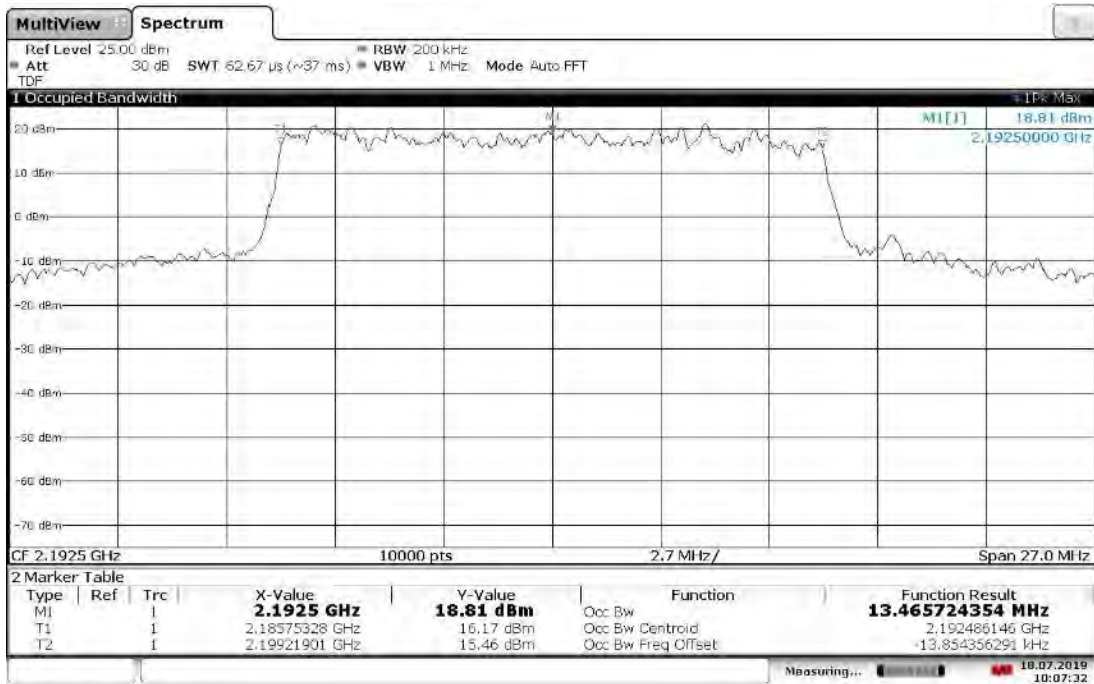
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



10:05:25 18.07.2019

TM3.2-16QAM\_15 MHz Bandwidth

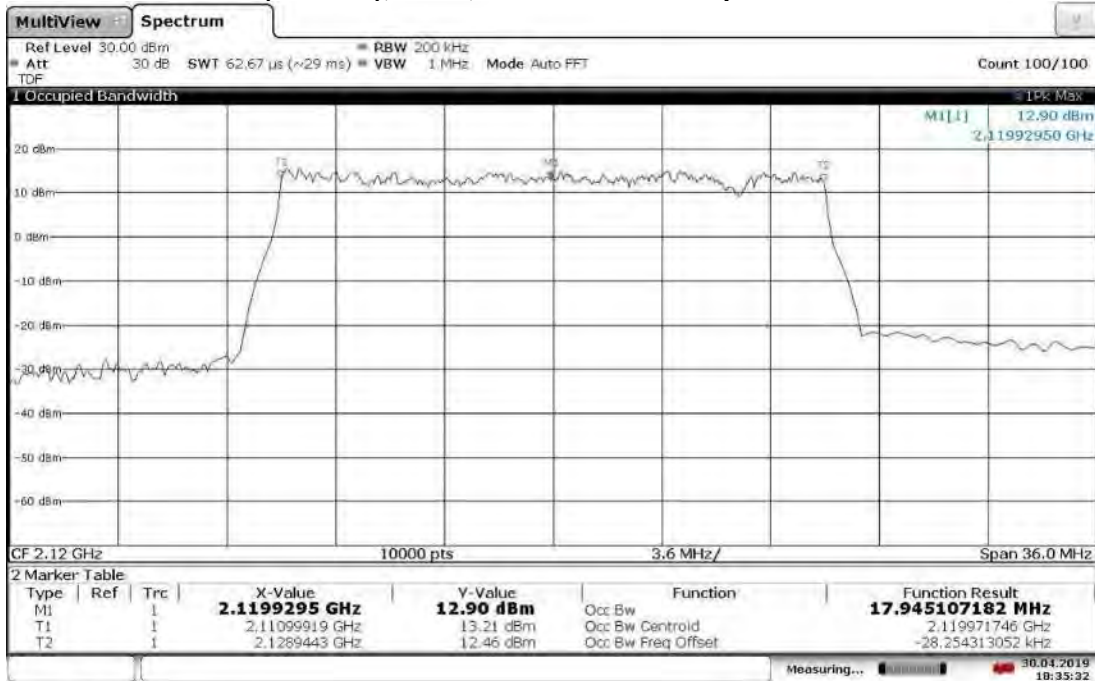
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



10:07:32 18.07.2019

TM3.2-16QAM\_20 MHz Bandwidth

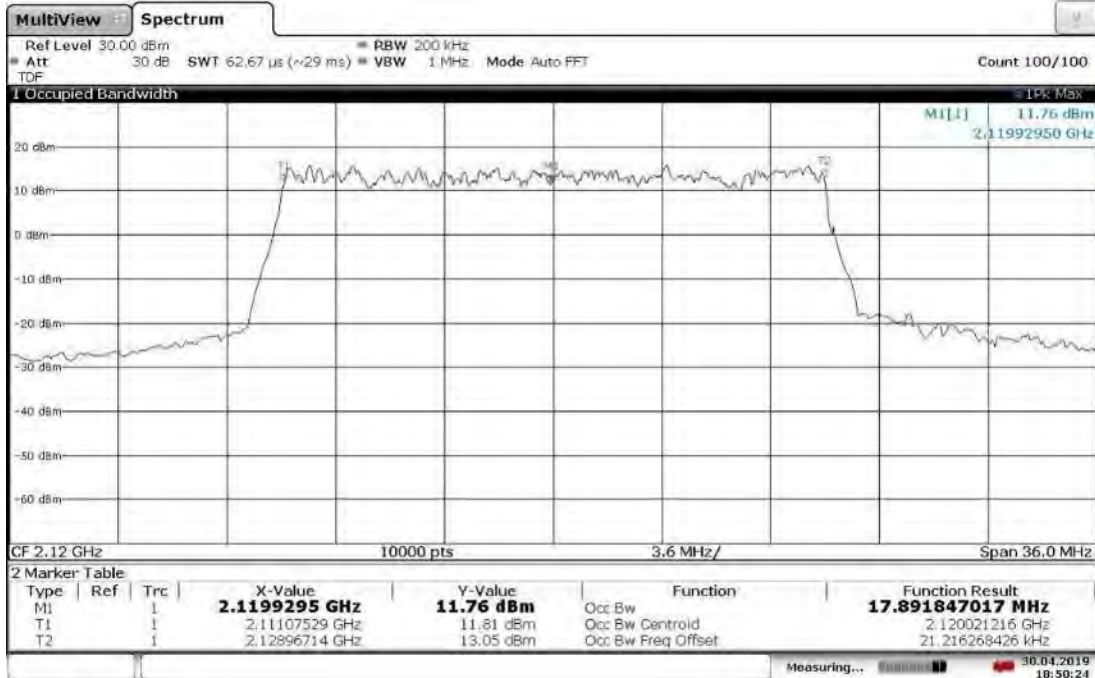
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



18:35:33 30.04.2019

TM3.2-16QAM\_20 MHz Bandwidth

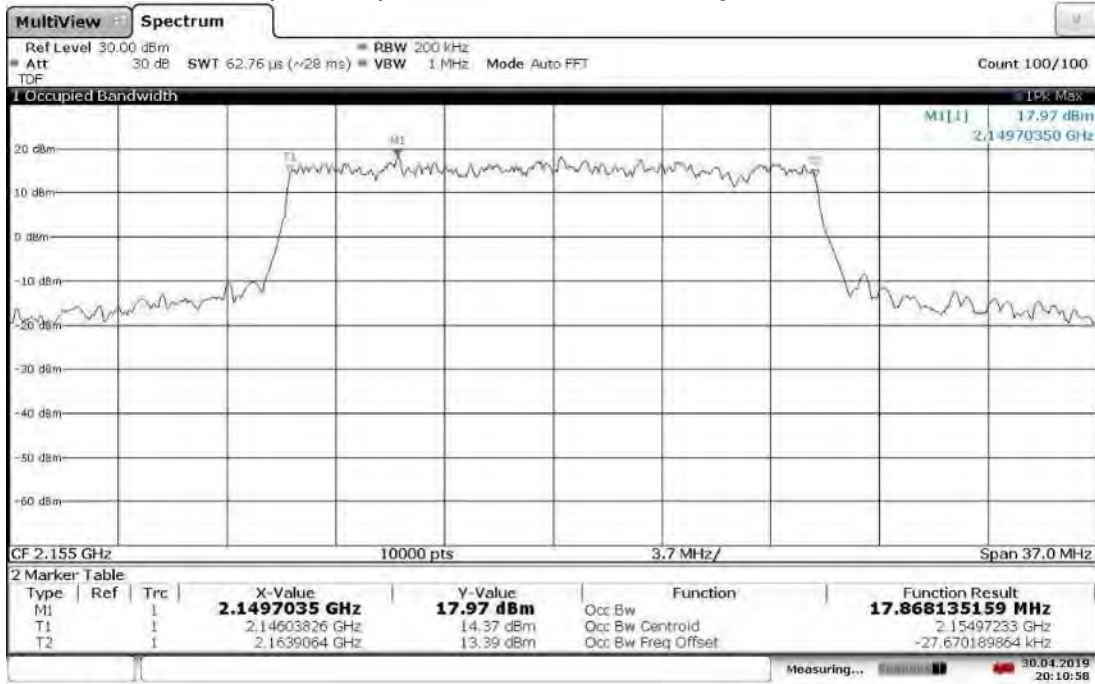
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



18:50:24 30.04.2019

TM3.2-16QAM\_20 MHz Bandwidth

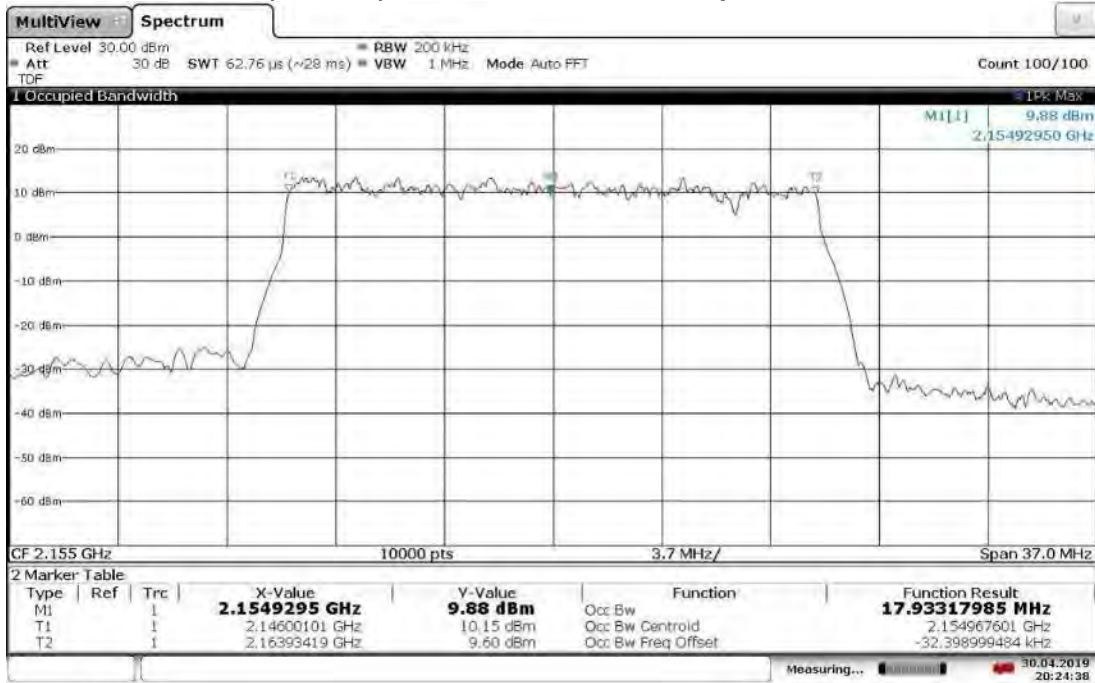
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



20:10:58 30.04.2019

TM3.2-16QAM\_20 MHz Bandwidth

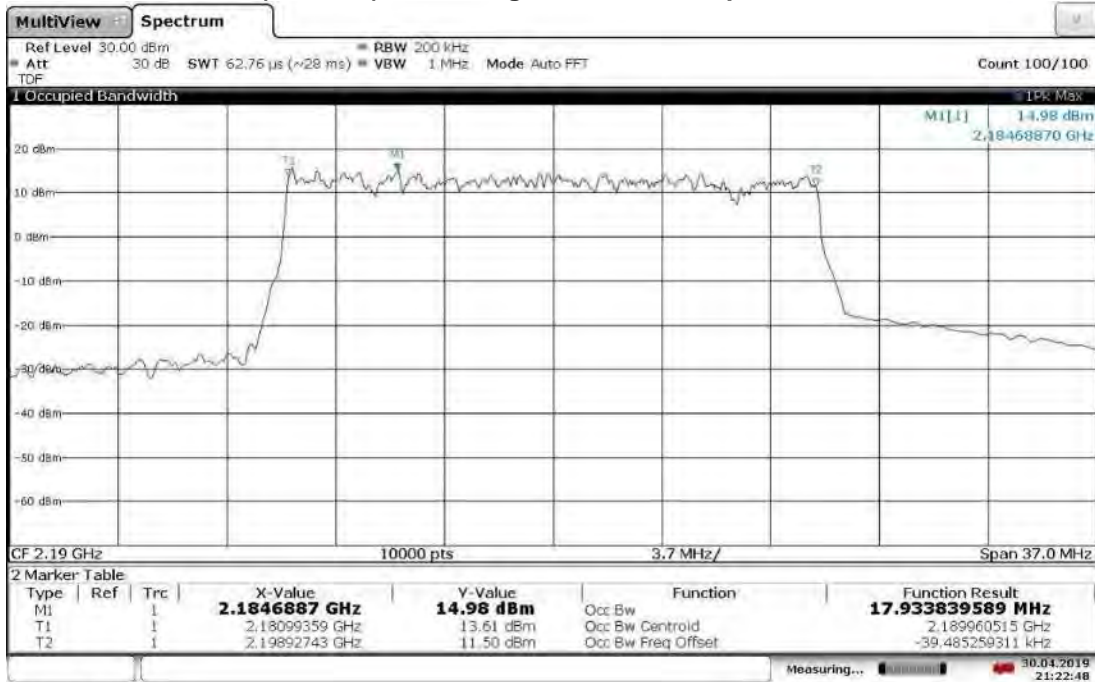
Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth



20:24:38 30.04.2019

TM3.2-16QAM\_20 MHz Bandwidth

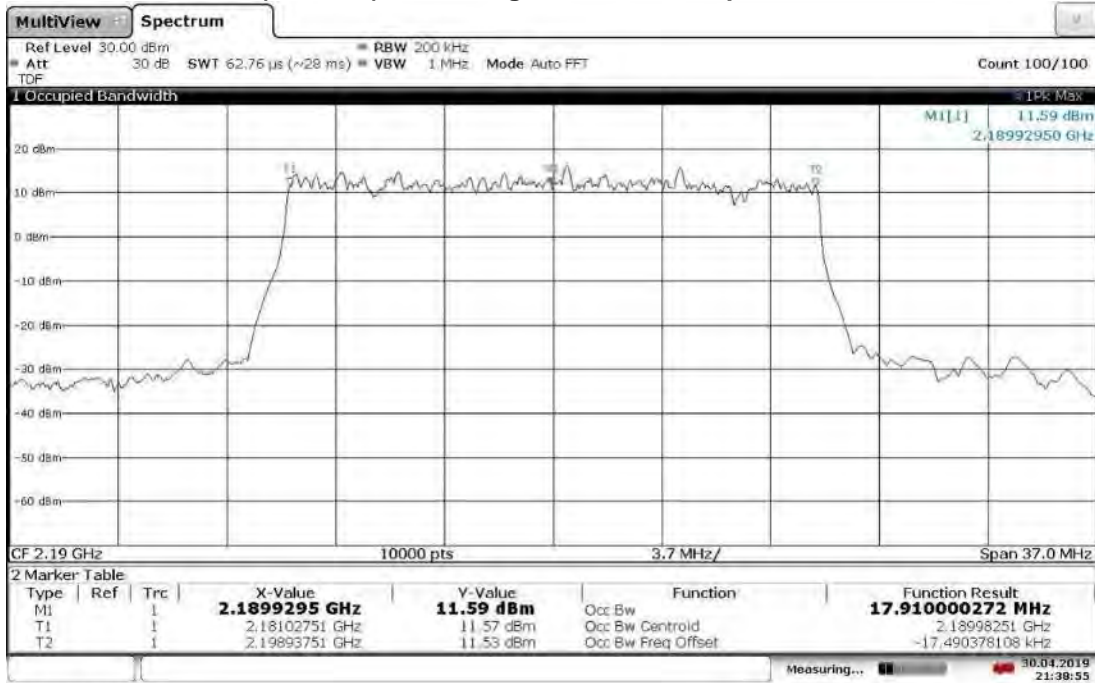
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21:22:49 30.04.2019

TM3.2-16QAM\_20 MHz Bandwidth

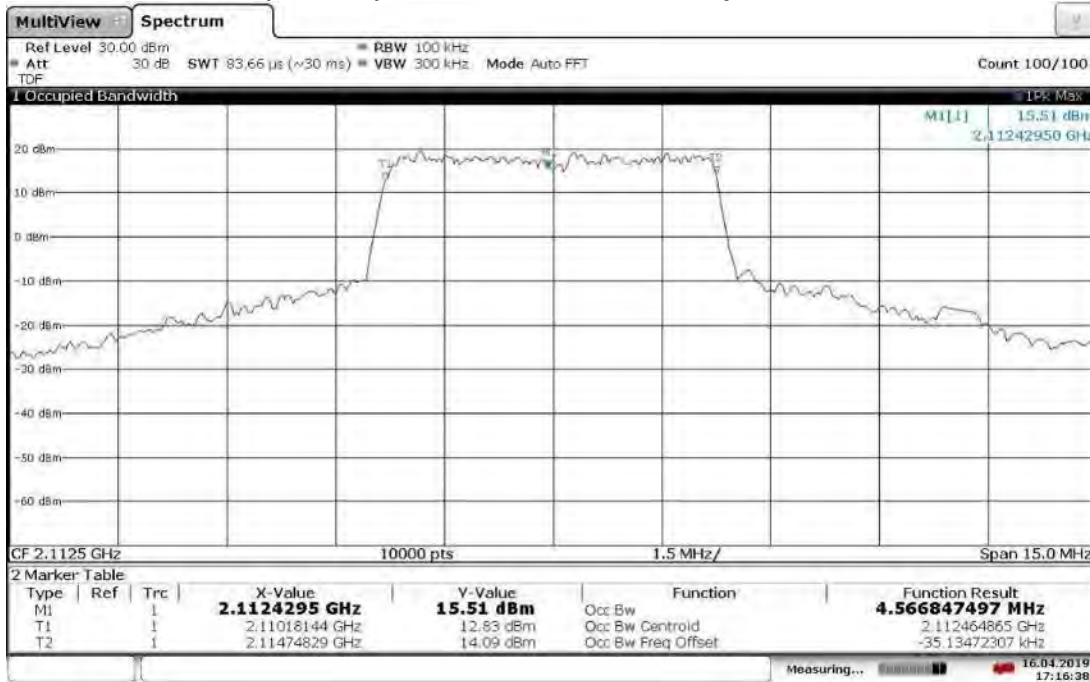
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



21:38:56 30.04.2019

TM3.1-64QAM\_5 MHz Bandwidth

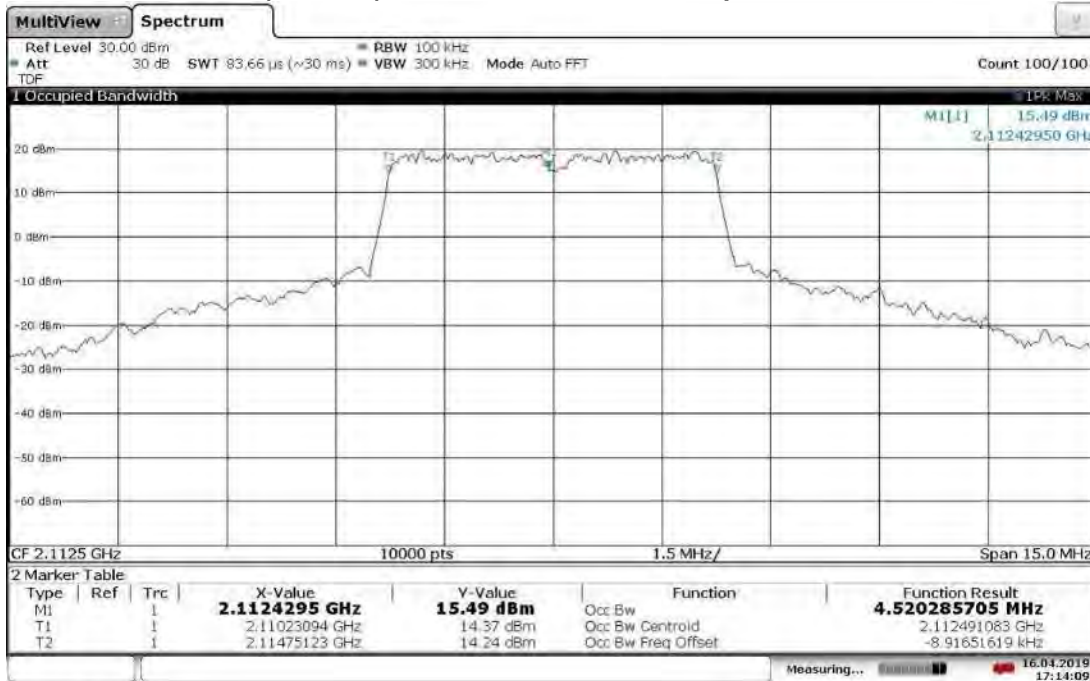
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



17:16:39 16.04.2019

TM3.1-64QAM\_5 MHz Bandwidth

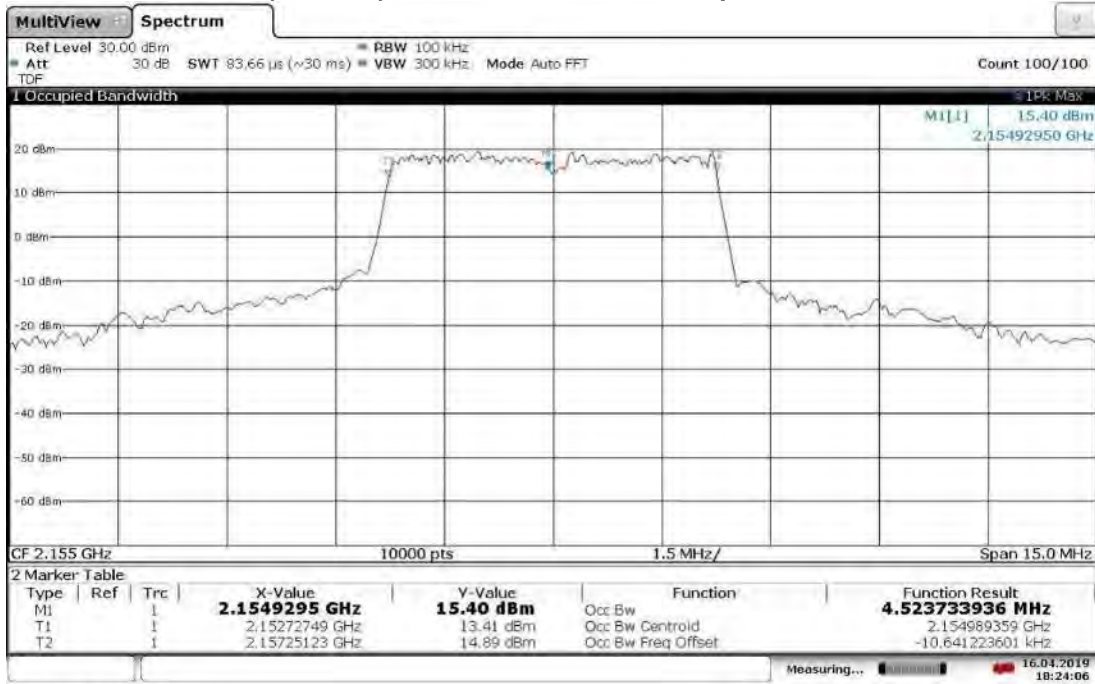
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



17:14:10 16.04.2019

TM3.1-64QAM\_5 MHz Bandwidth

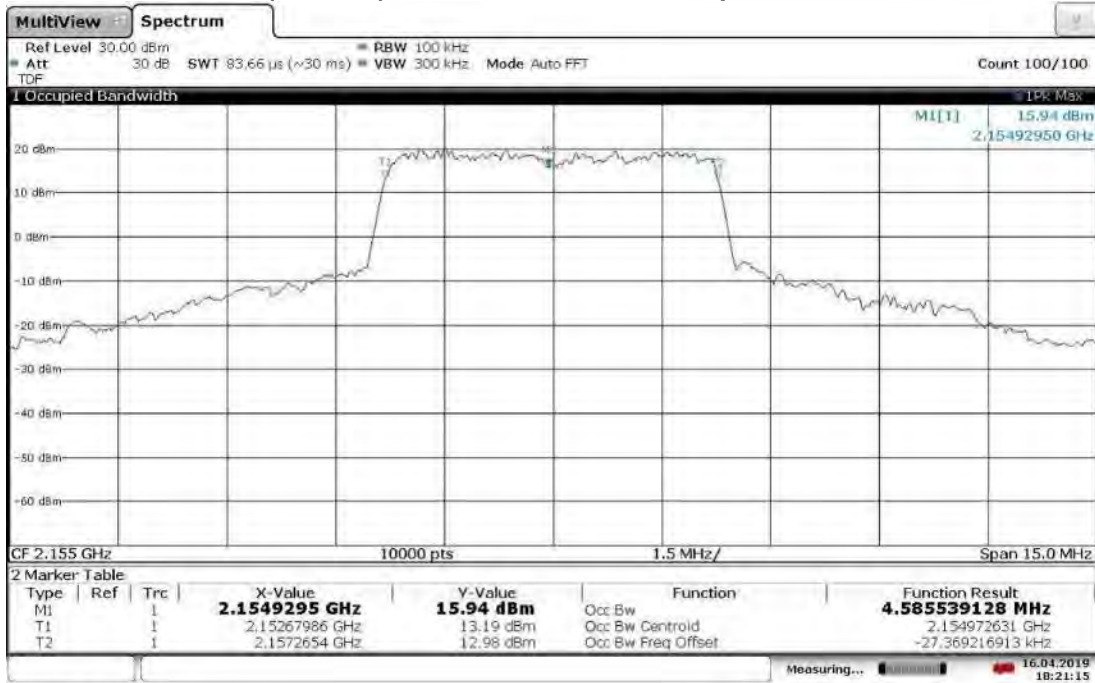
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



18:24:06 16.04.2019

TM3.1-64QAM\_5 MHz Bandwidth

Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth

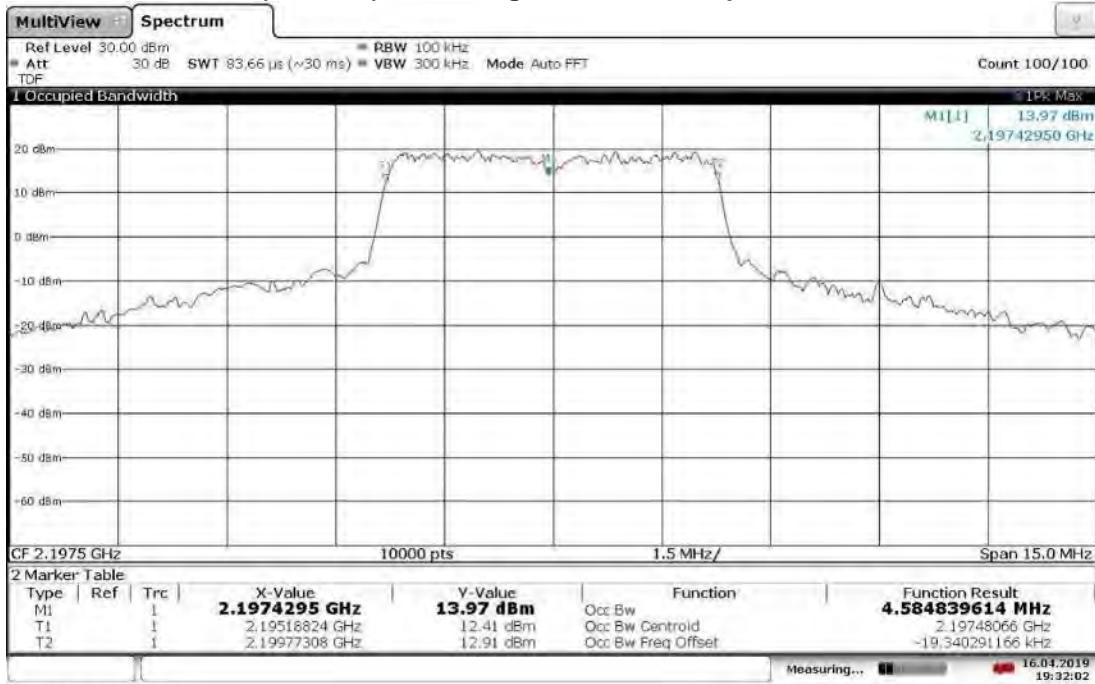


18:21:16 16.04.2019



TM3.1-64QAM\_5 MHz Bandwidth

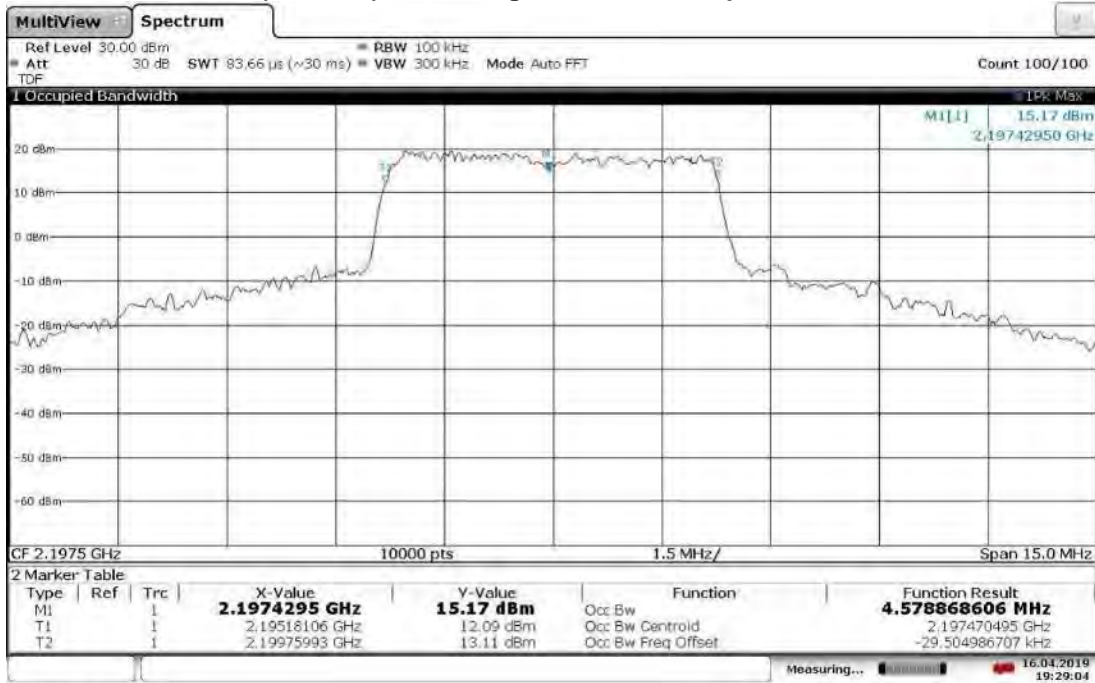
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



19:32:03 16.04.2019

TM3.1-64QAM\_5 MHz Bandwidth

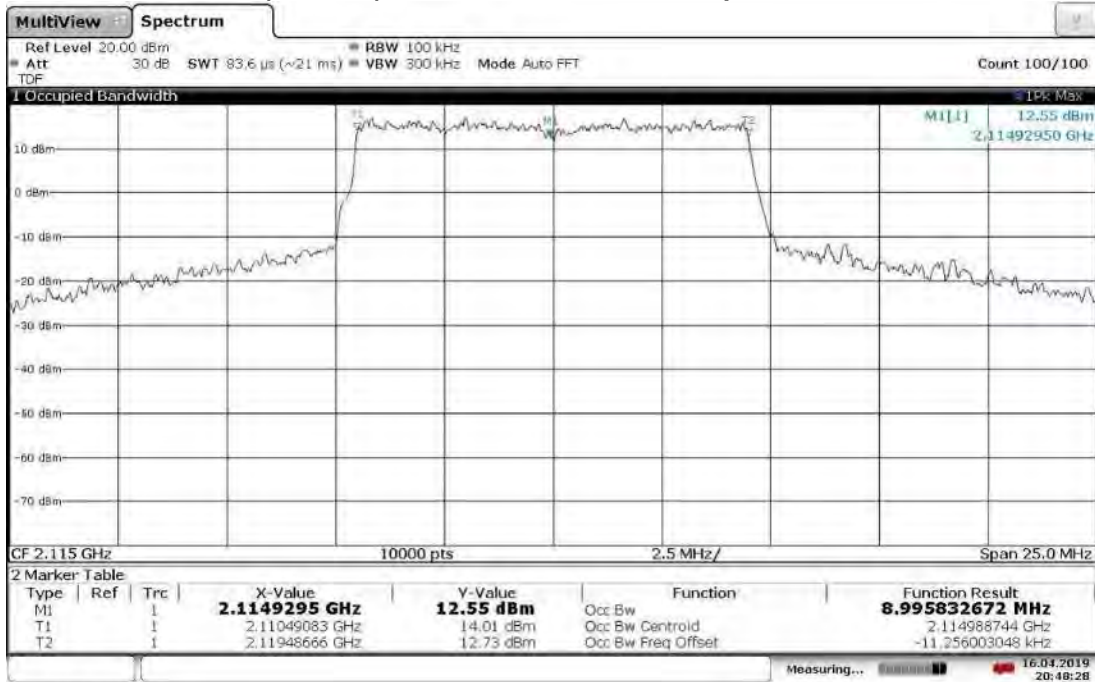
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



19:29:04 16.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

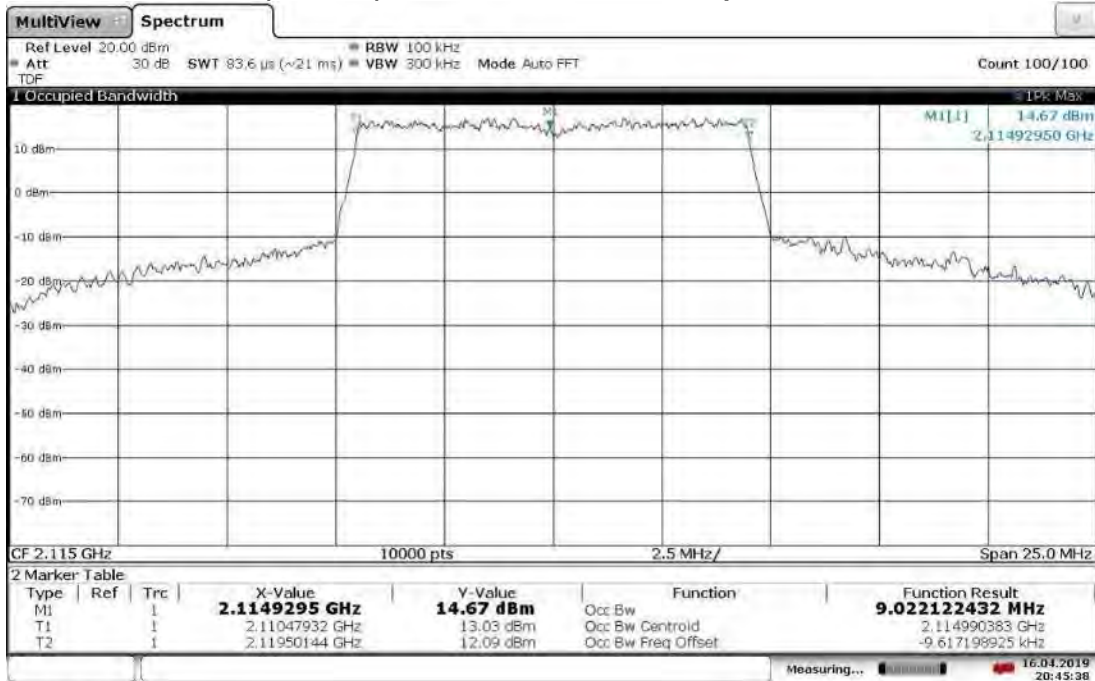
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



20:48:29 16.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

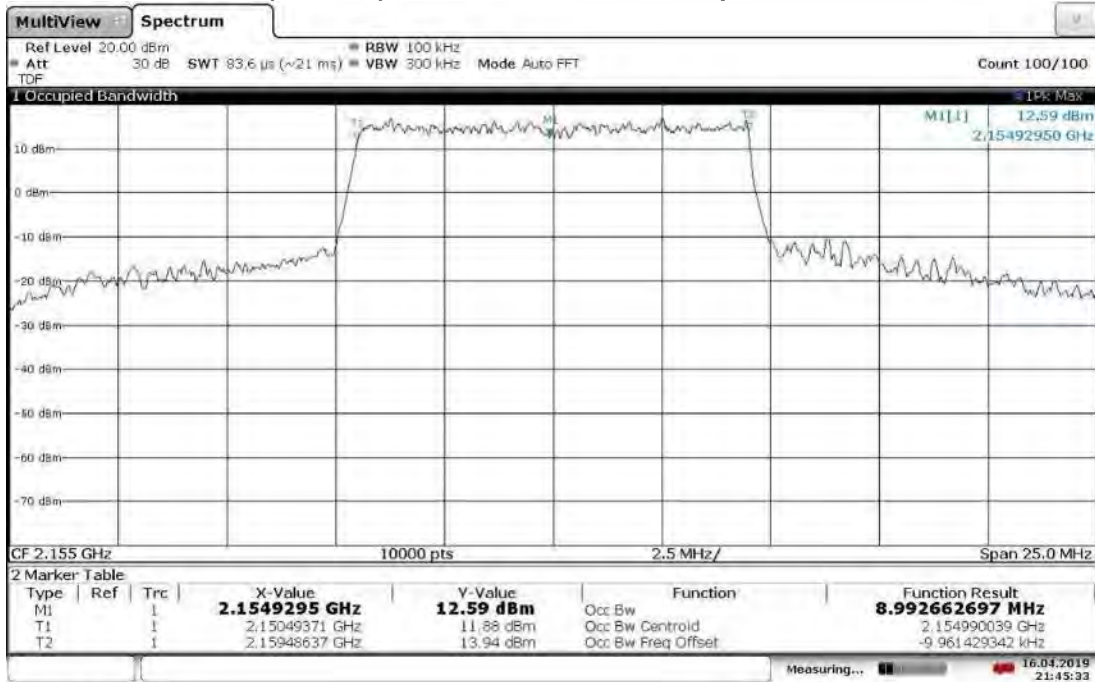
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



20:45:39 16.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

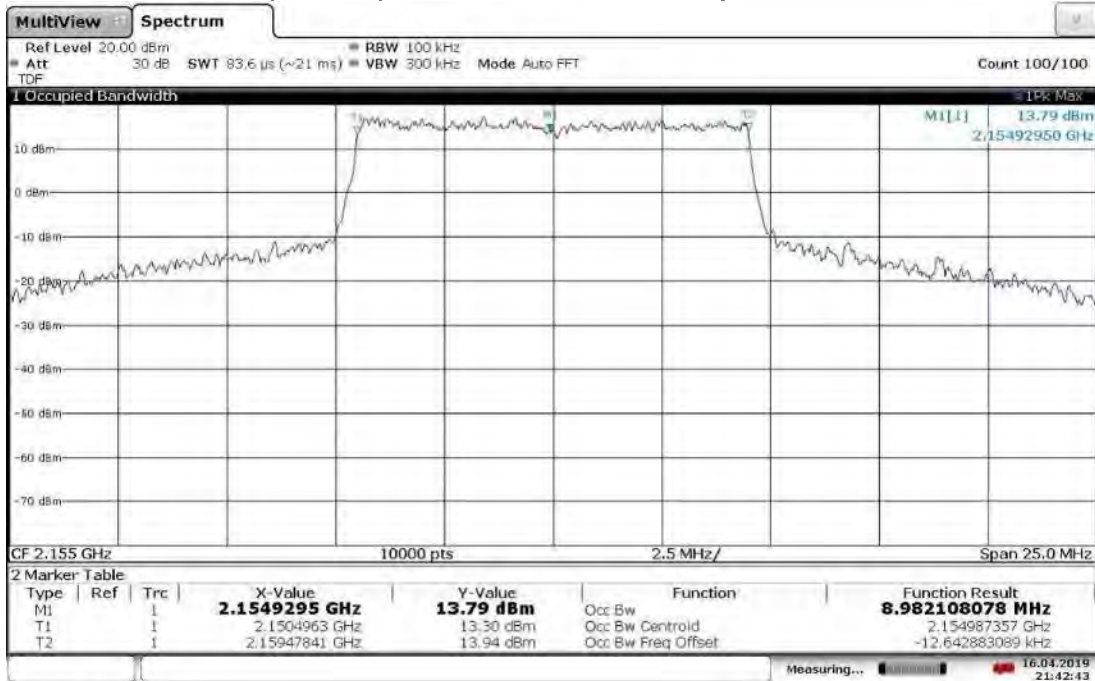
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



21:45:33 16.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

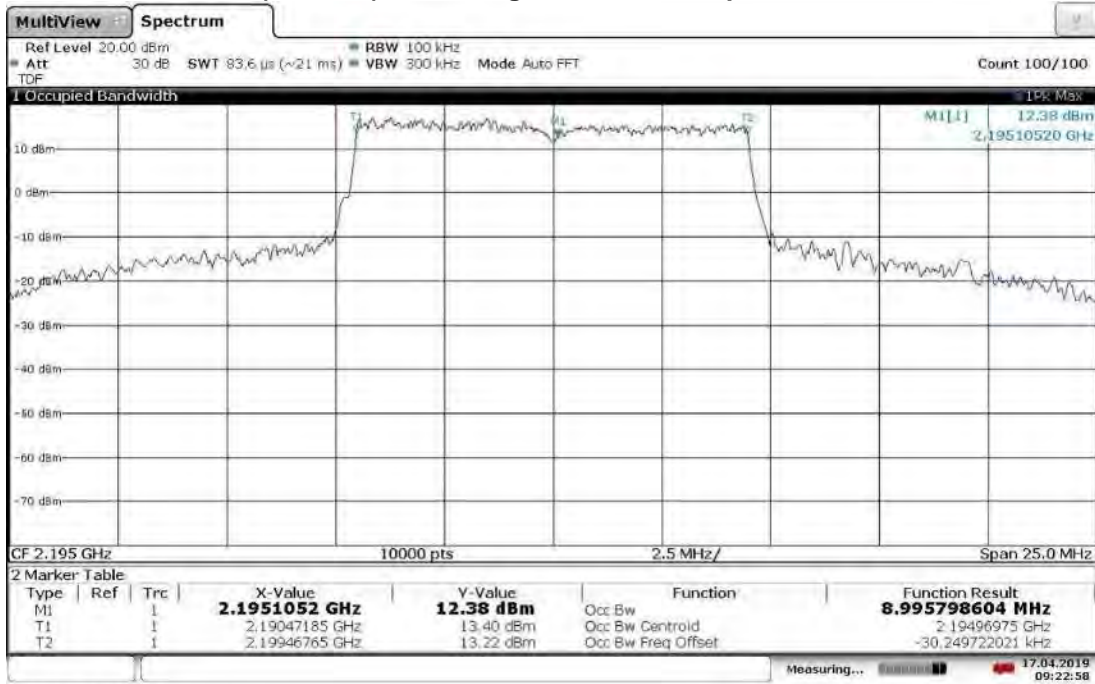
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21:42:44 16.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

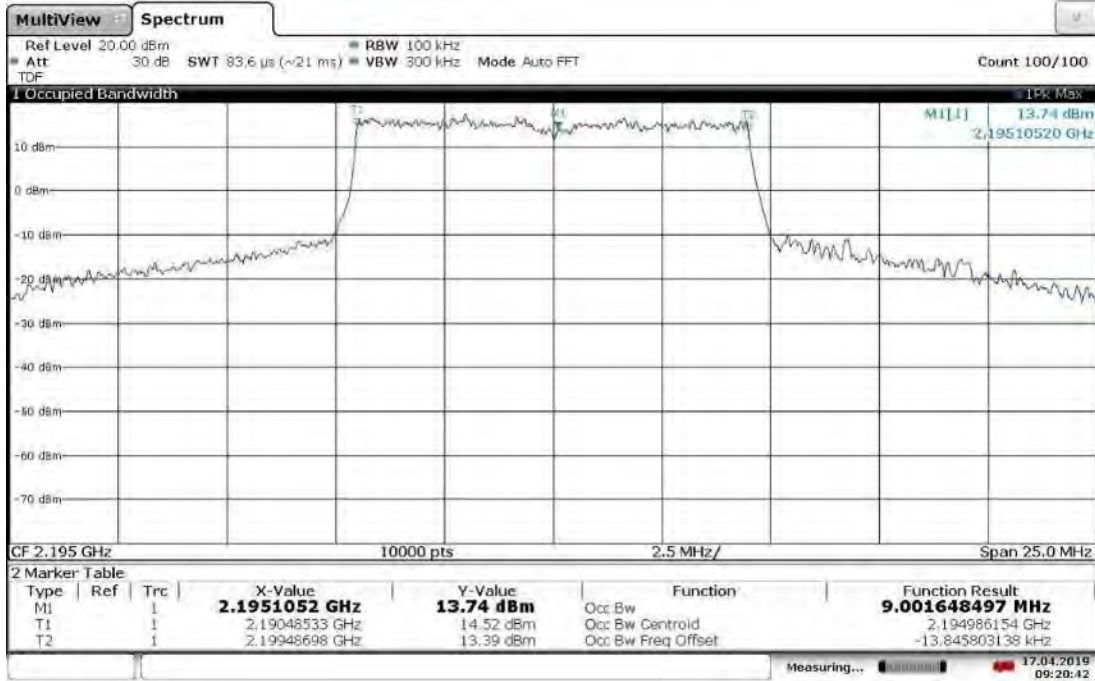
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



09:22:59 17.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

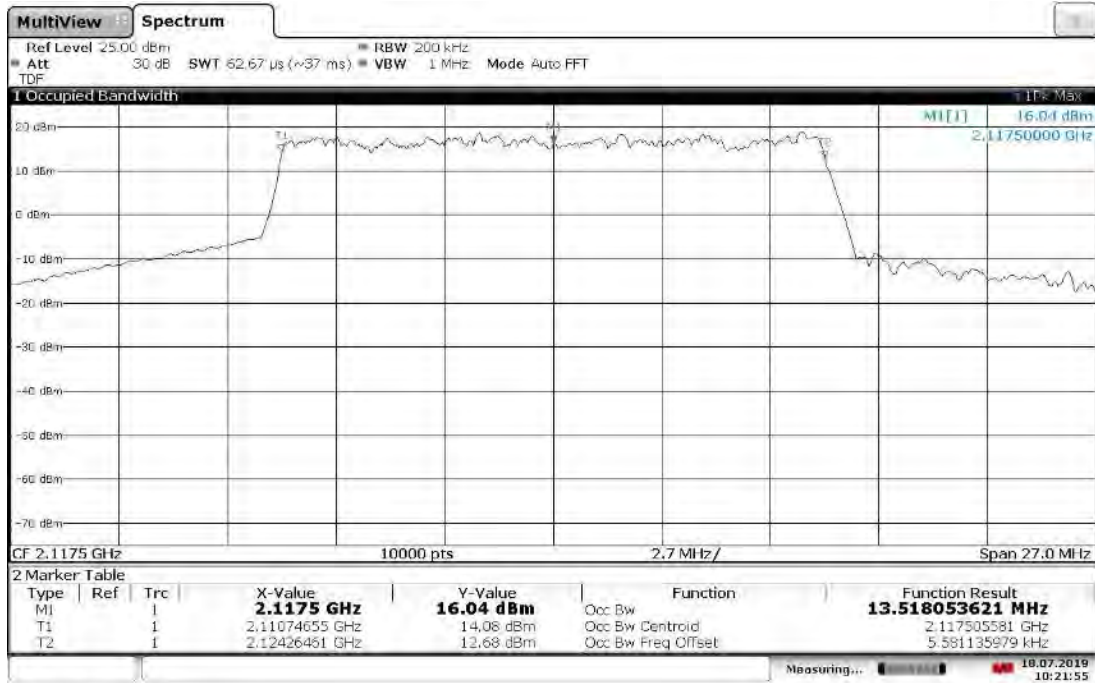
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



09:20:43 17.04.2019

TM3.1-64QAM\_15 MHz Bandwidth

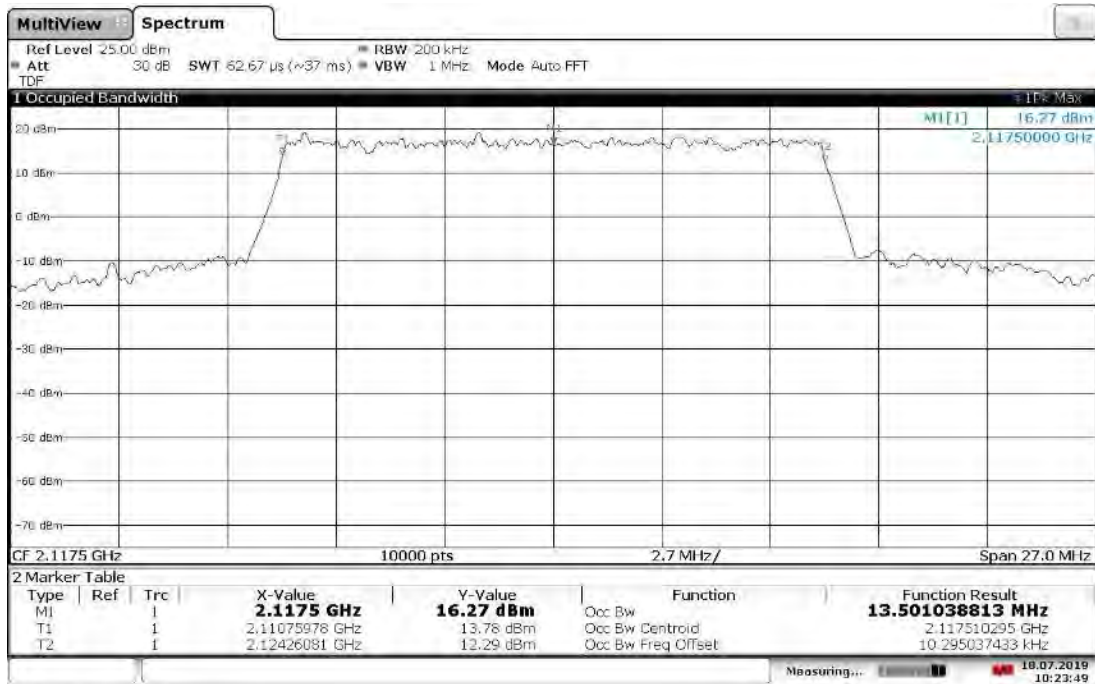
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



10:21:55 18.07.2019

TM3.1-64QAM\_15 MHz Bandwidth

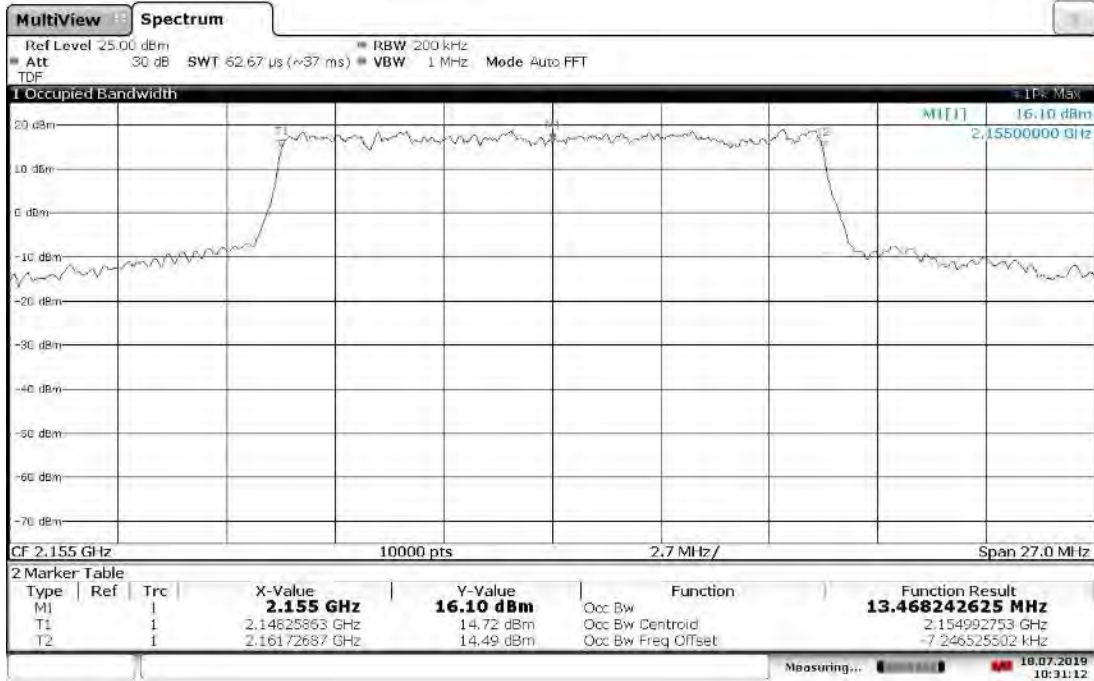
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



10:23:50 18.07.2019

TM3.1-64QAM\_15 MHz Bandwidth

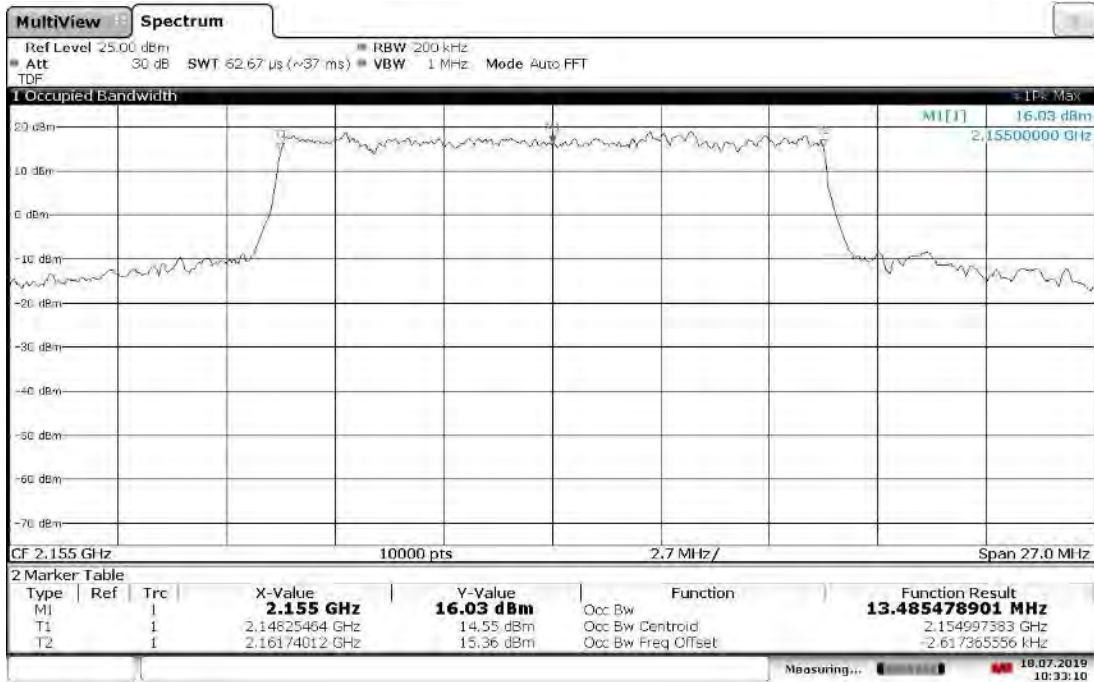
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



10:31:13 18.07.2019

TM3.1-64QAM\_15 MHz Bandwidth

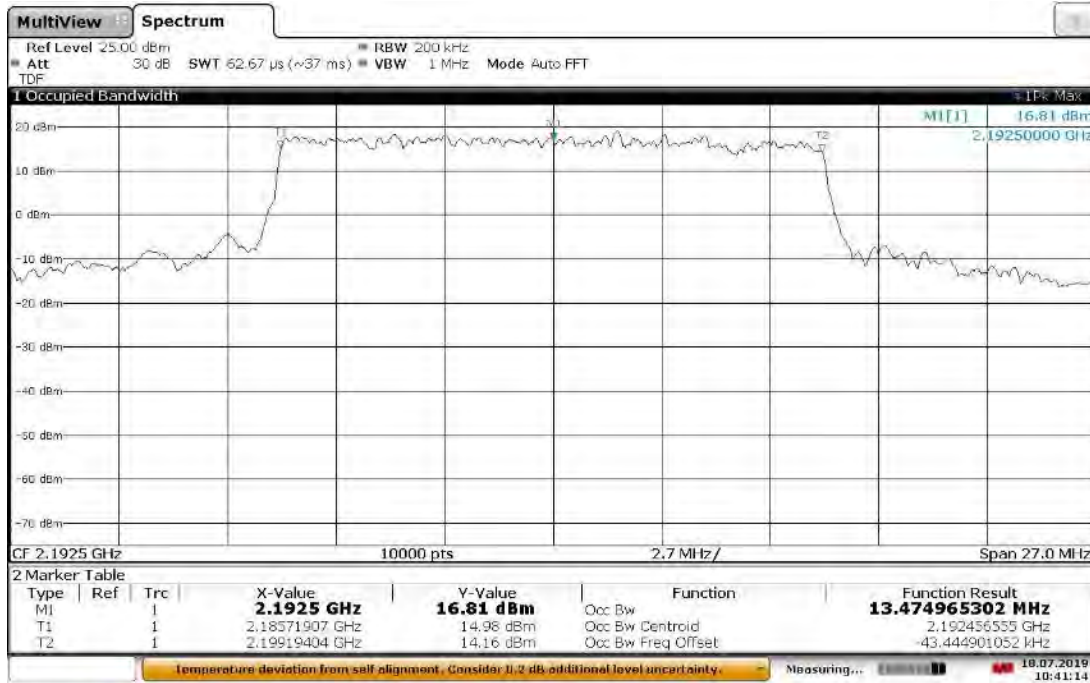
Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth



10:33:10 18.07.2019

TM3.1-64QAM\_15 MHz Bandwidth

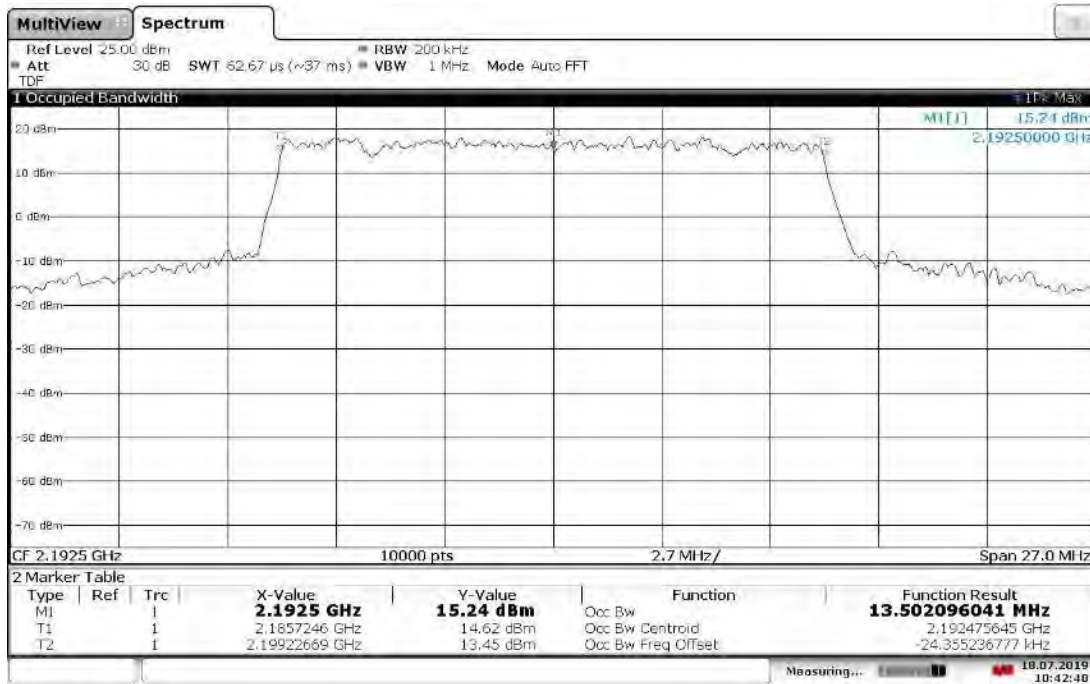
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



10:41:14 18.07.2019

TM3.1-64QAM\_15 MHz Bandwidth

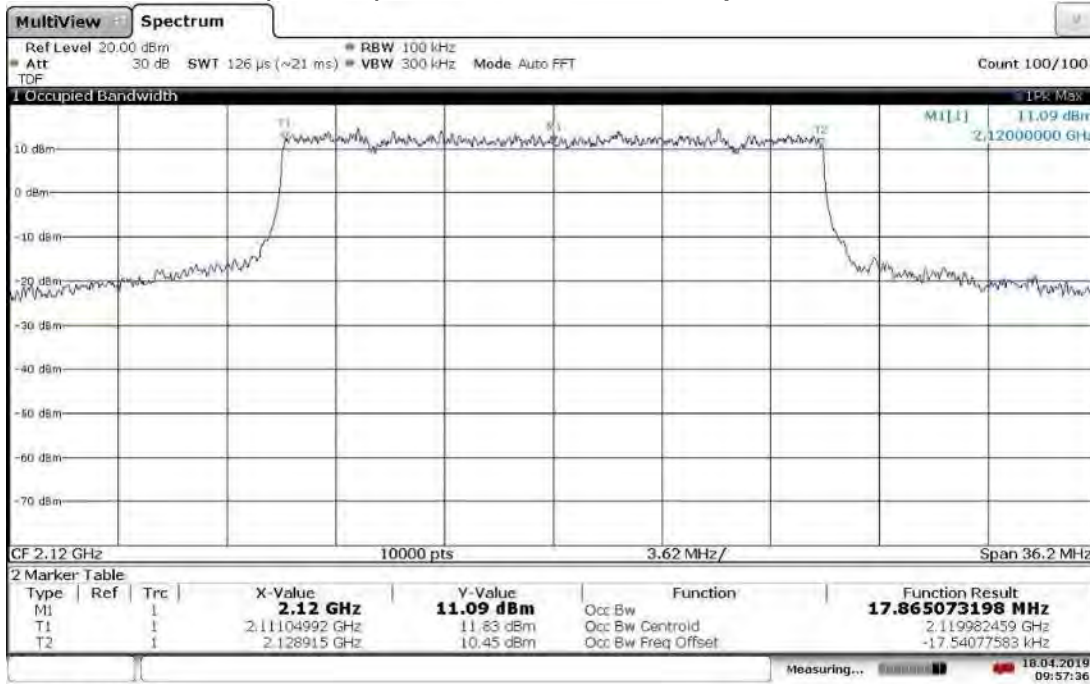
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



10:42:48 18.07.2019

TM3.1-64QAM\_20 MHz Bandwidth

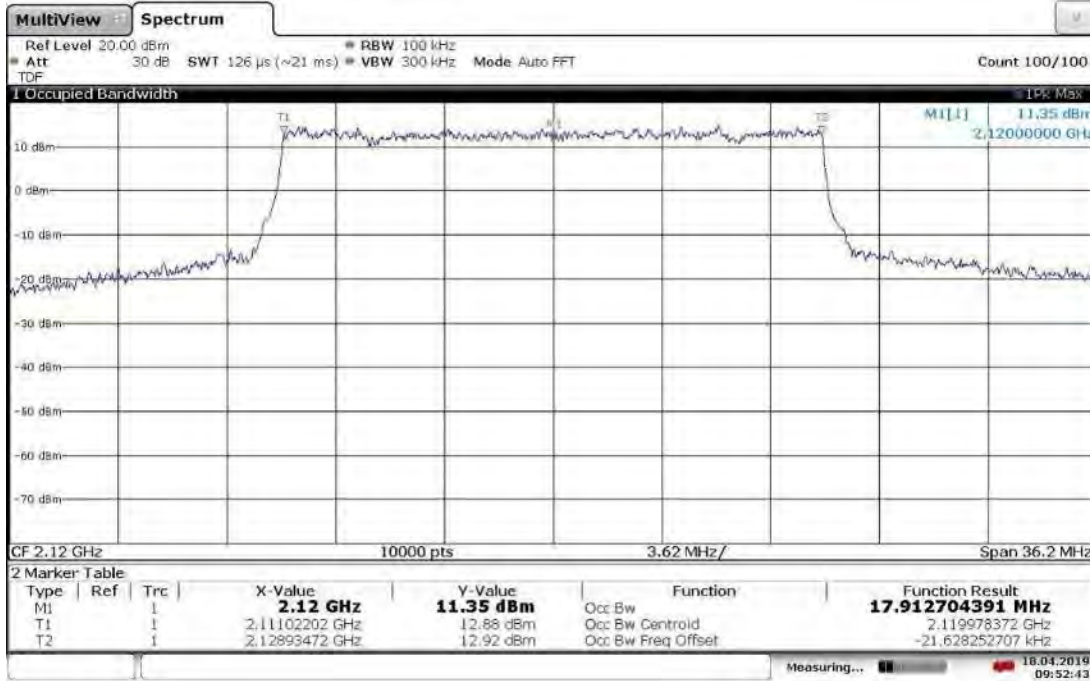
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



09:57:37 18.04.2019

TM3.1-64QAM\_20 MHz Bandwidth

Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth

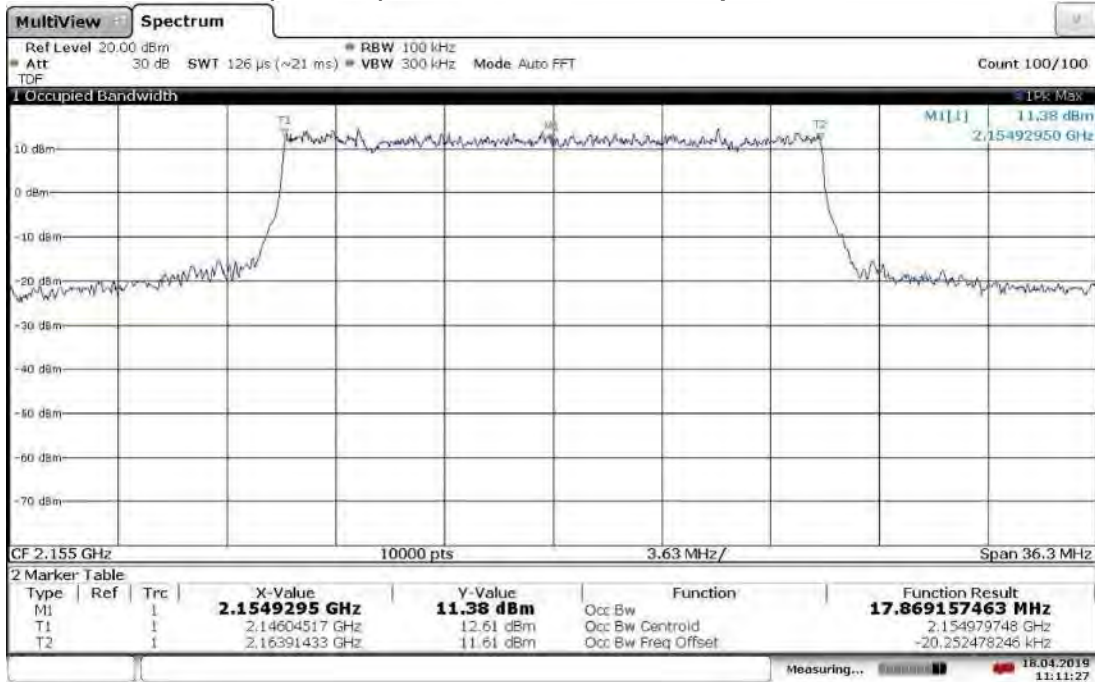


09:52:43 18.04.2019



TM3.1-64QAM\_20 MHz Bandwidth

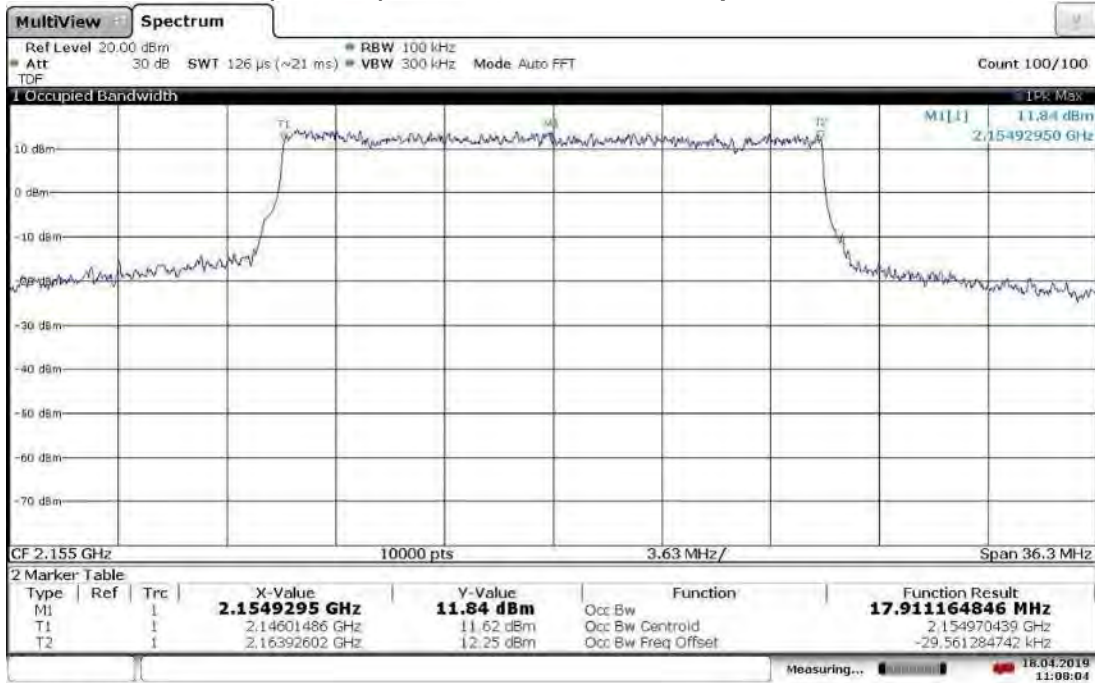
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



11:11:28 18.04.2019

TM3.1-64QAM\_20 MHz Bandwidth

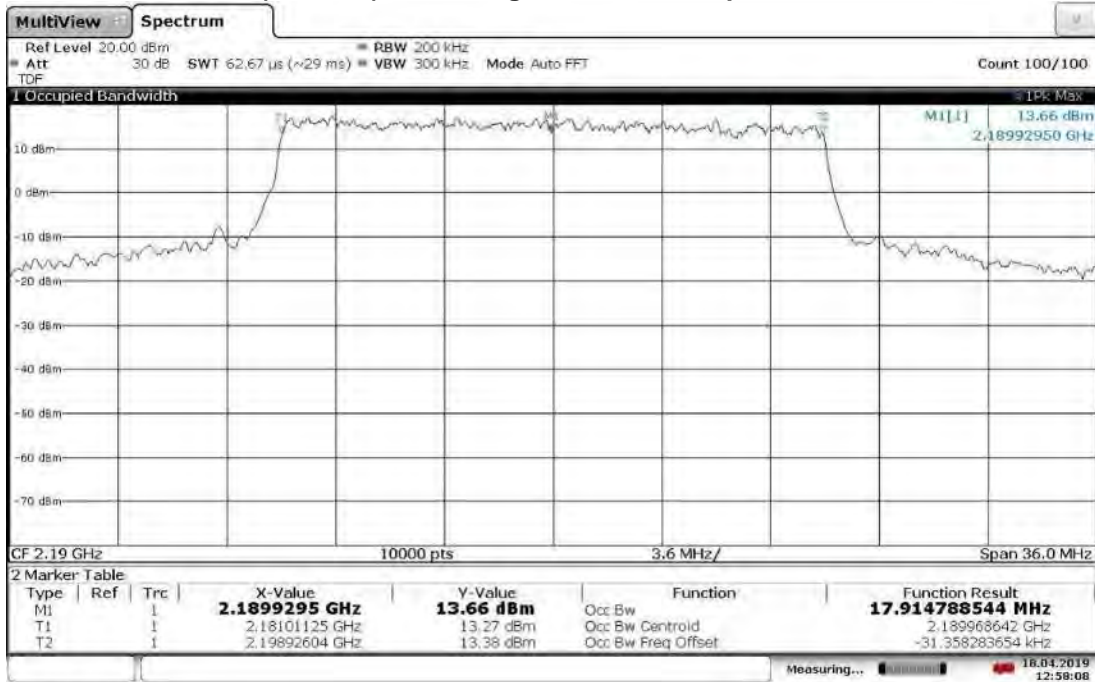
Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth



11:08:04 18.04.2019

TM3.1-64QAM\_20 MHz Bandwidth

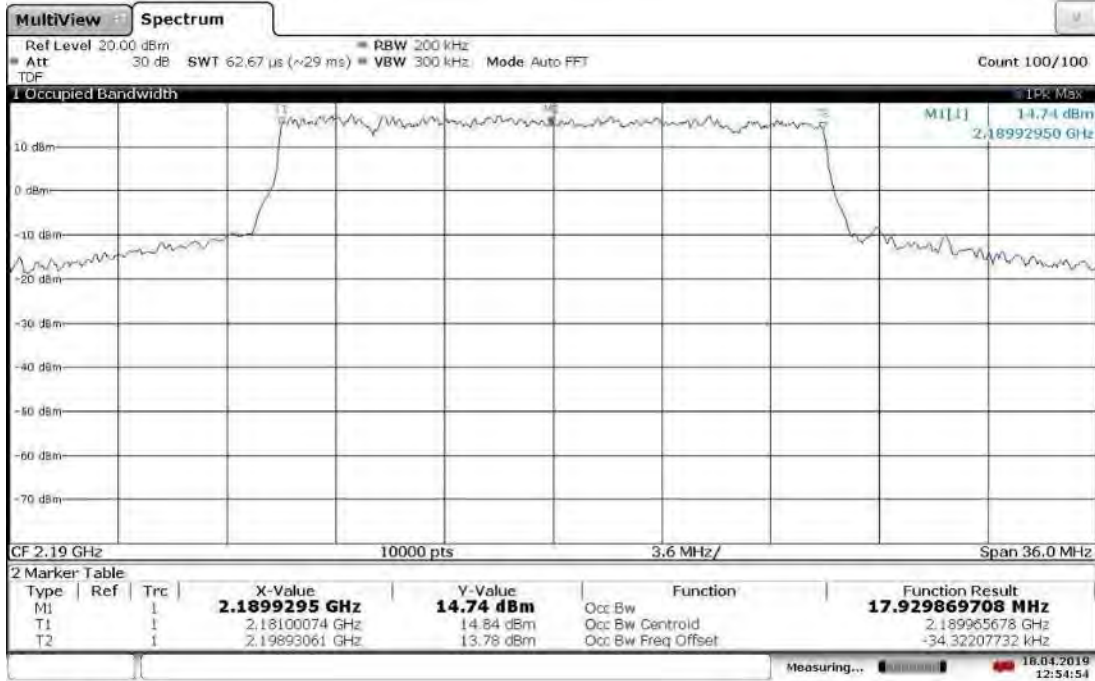
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



12:58:08 18.04.2019

TM3.1-64QAM\_20 MHz Bandwidth

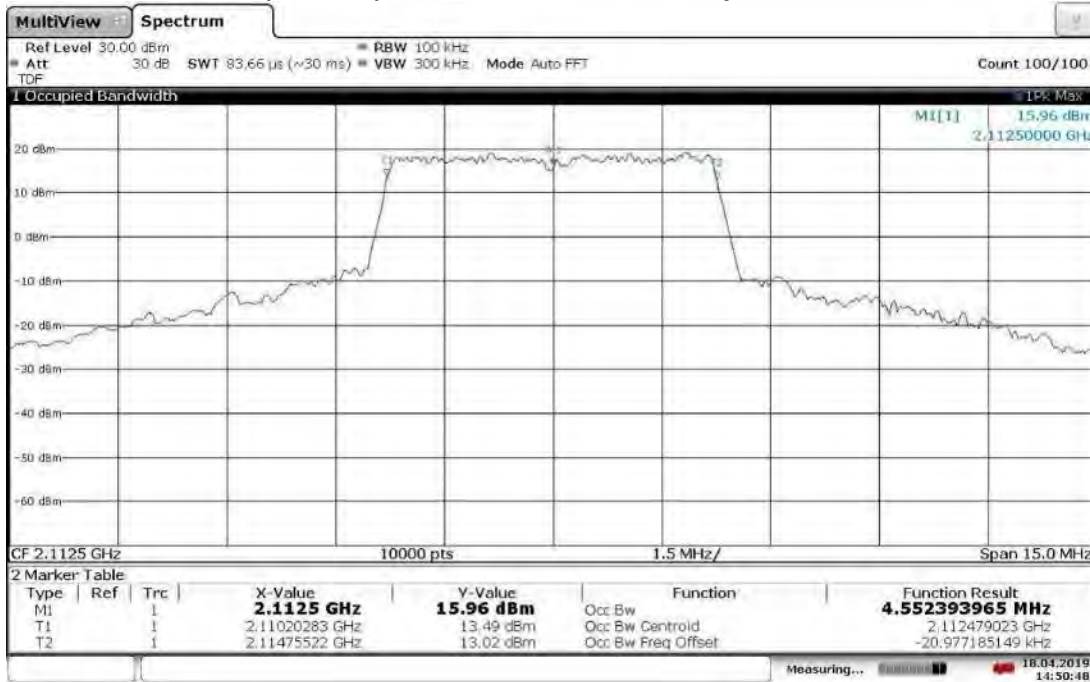
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



12:54:55 18.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

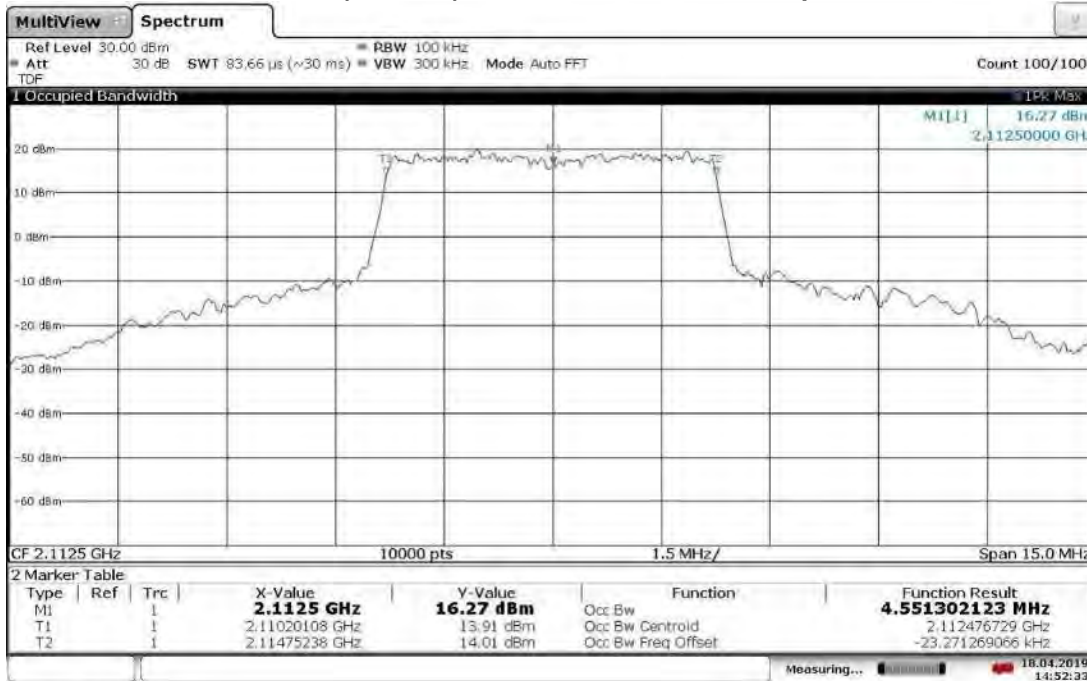
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



14:50:49 18.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

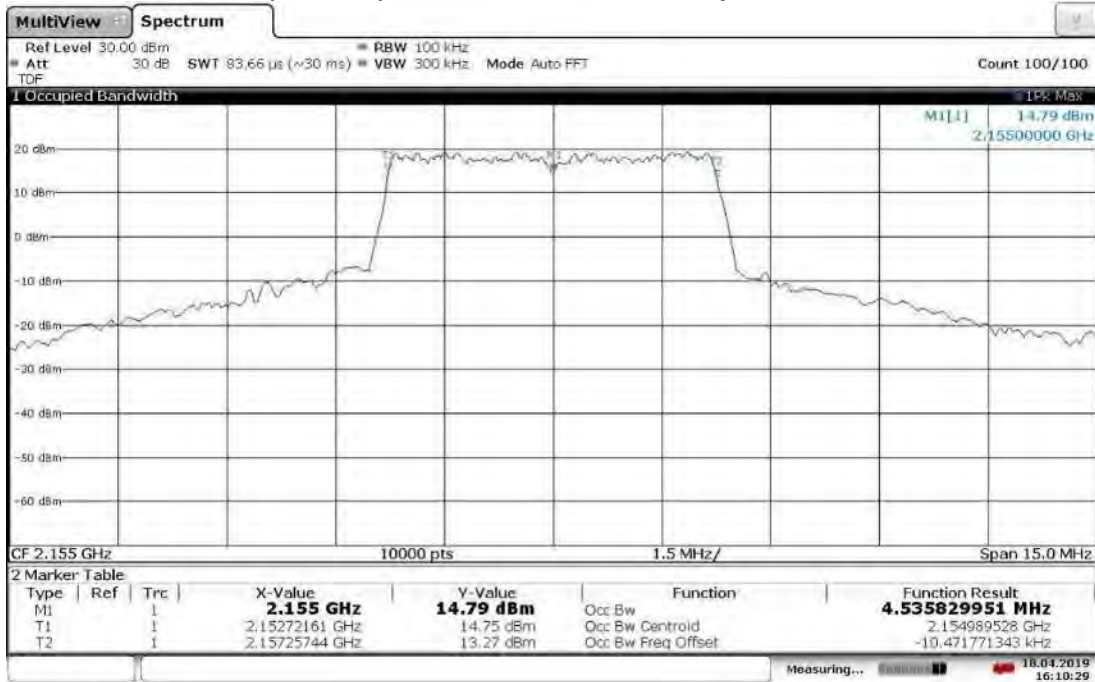
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



14:52:33 18.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

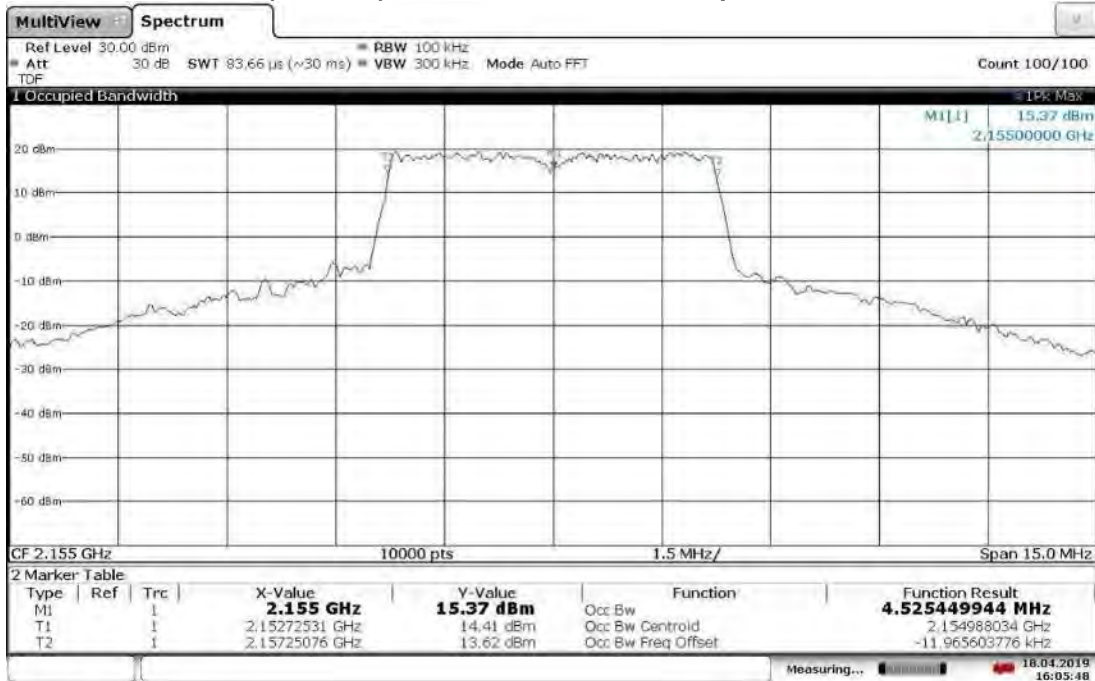
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



16:10:30 18.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

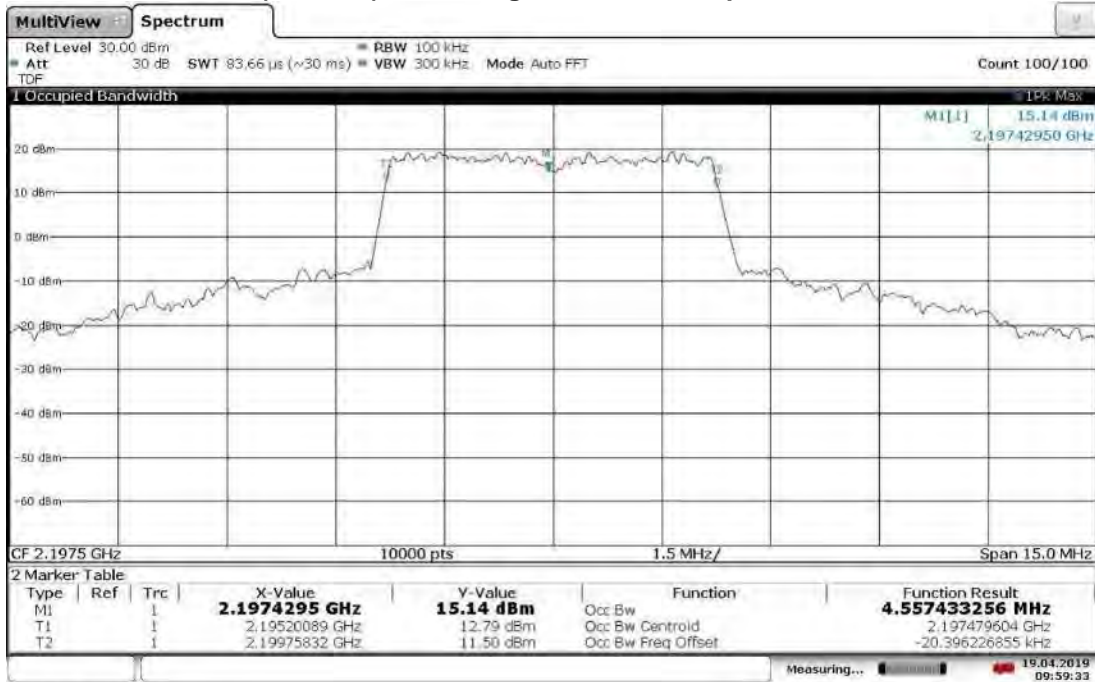
Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth



16:05:49 18.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

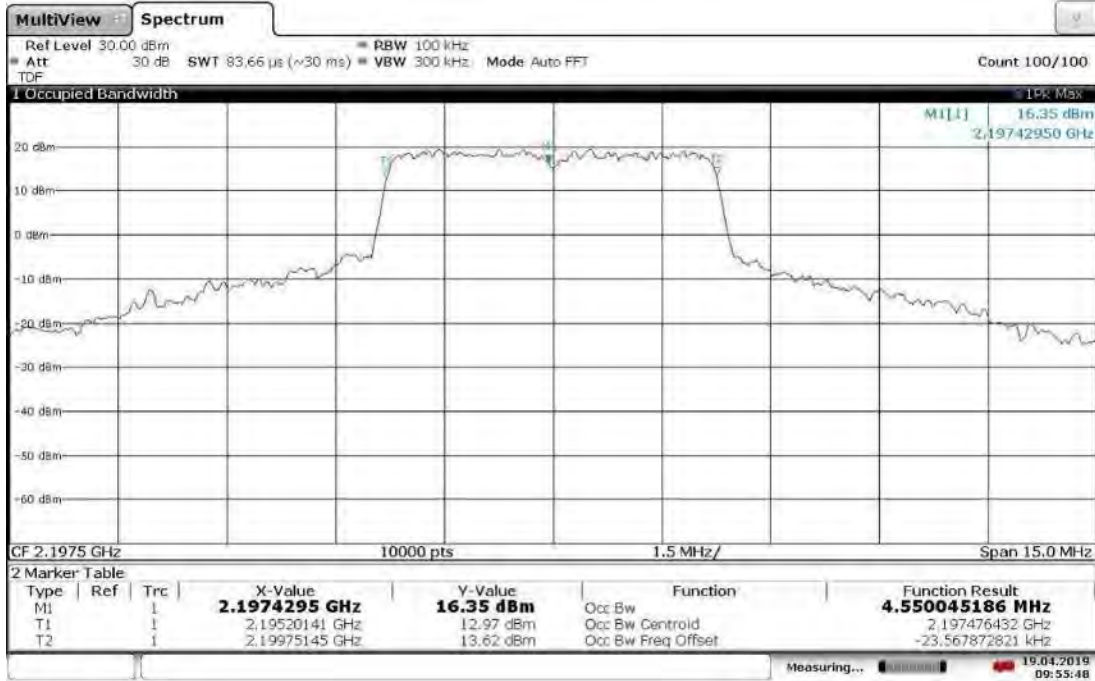
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



09:59:34 19.04.2019

TM3.1a-256QAM\_5 MHz Bandwidth

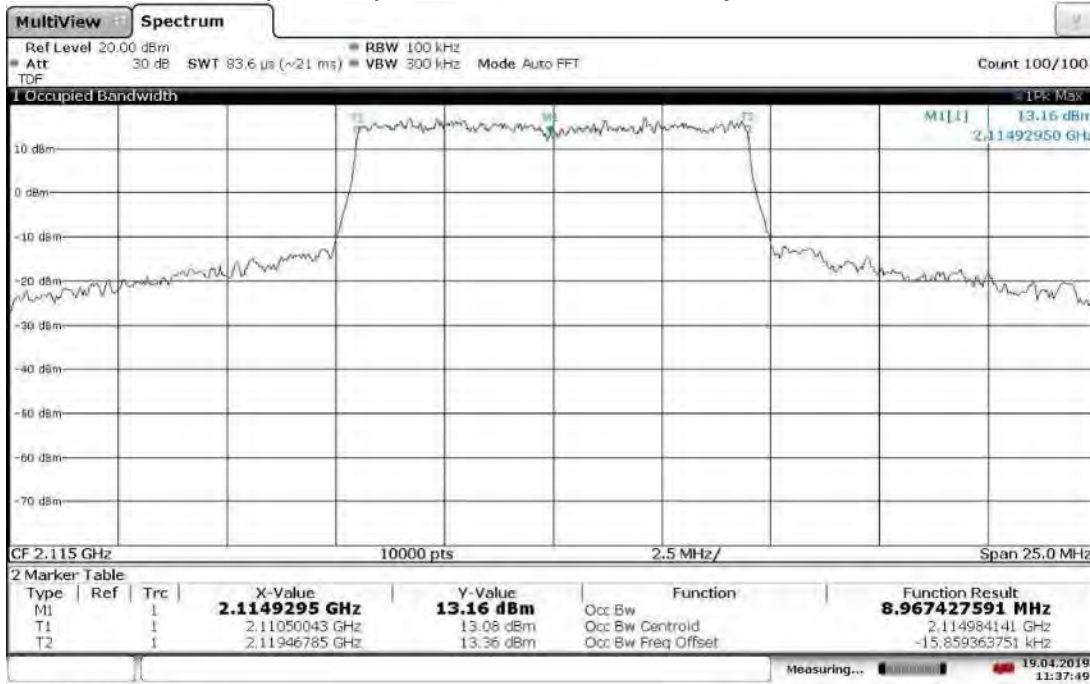
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



09:55:49 19.04.2019

TM3.1a-256QAM\_10 MHz Bandwidth

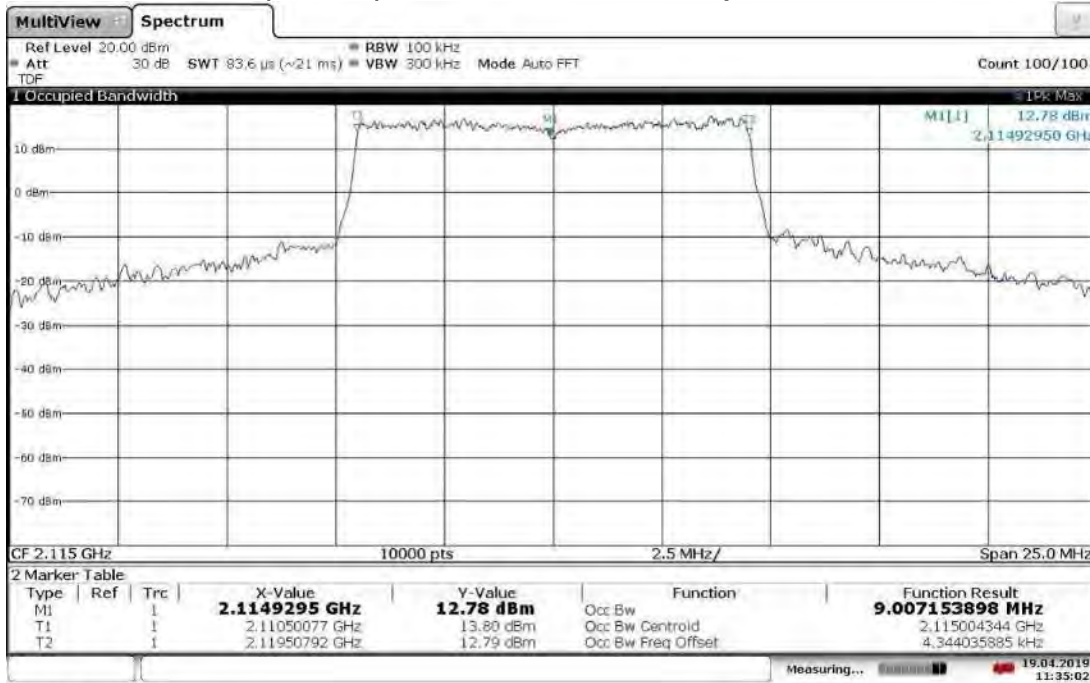
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



11:37:50 19.04.2019

TM3.1a-256QAM\_10 MHz Bandwidth

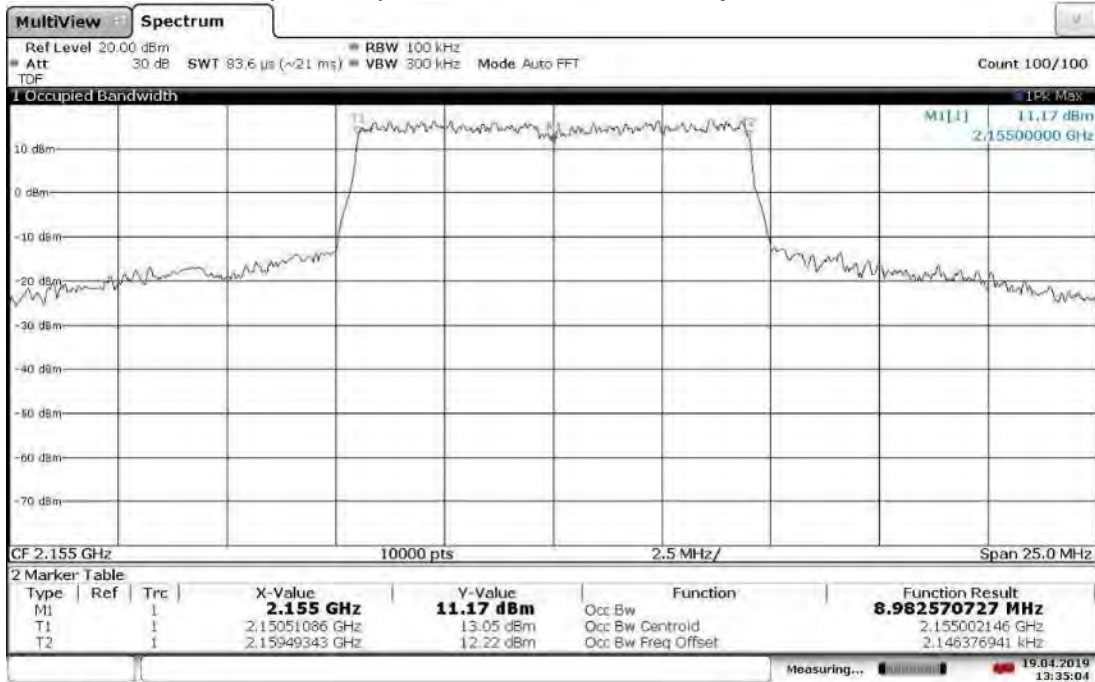
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



11:35:03 19.04.2019

TM3.1a-256QAM\_10 MHz Bandwidth

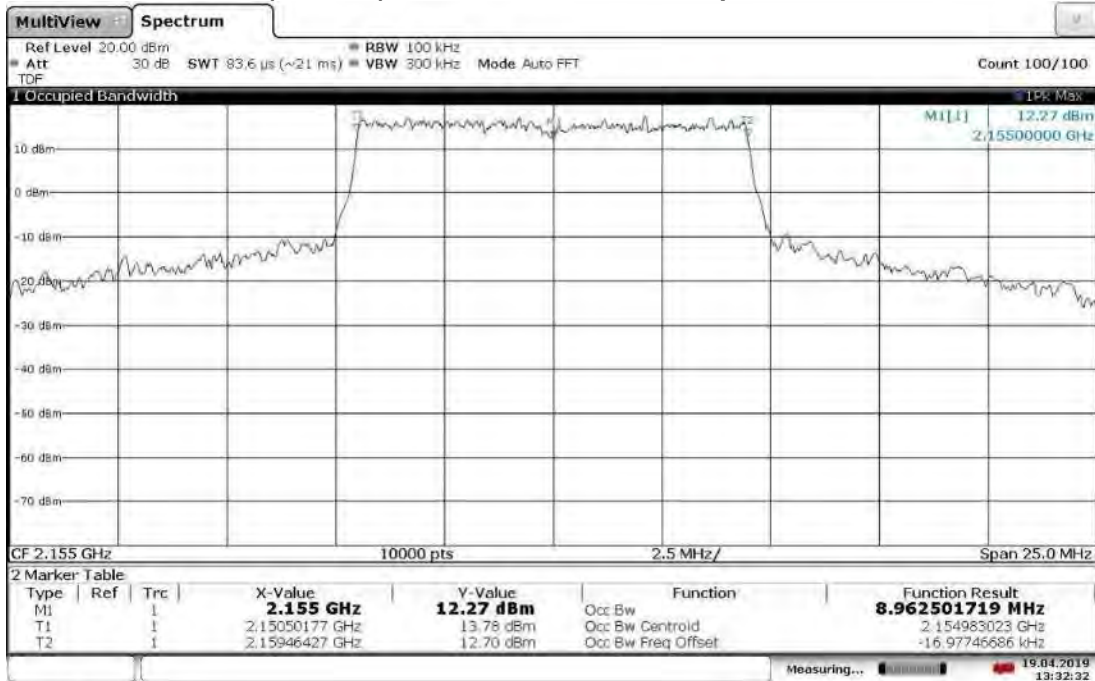
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



13:35:04 19.04.2019

TM3.1a-256QAM\_10 MHz Bandwidth

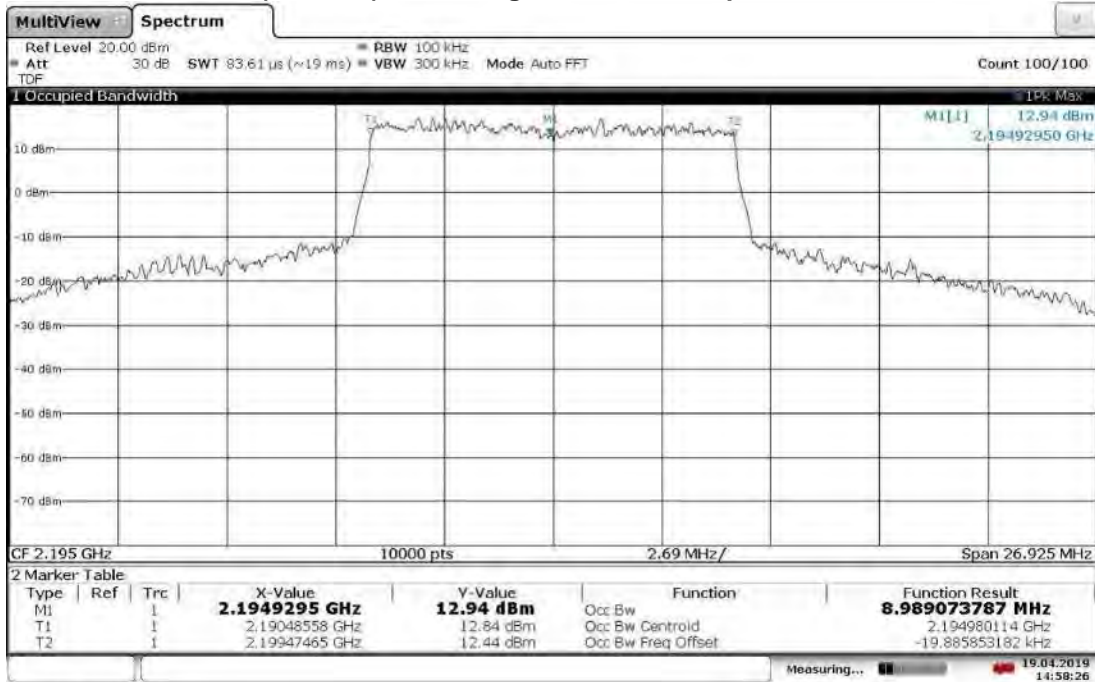
Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth



13:32:32 19.04.2019

TM3.1a-256QAM\_10 MHz Bandwidth

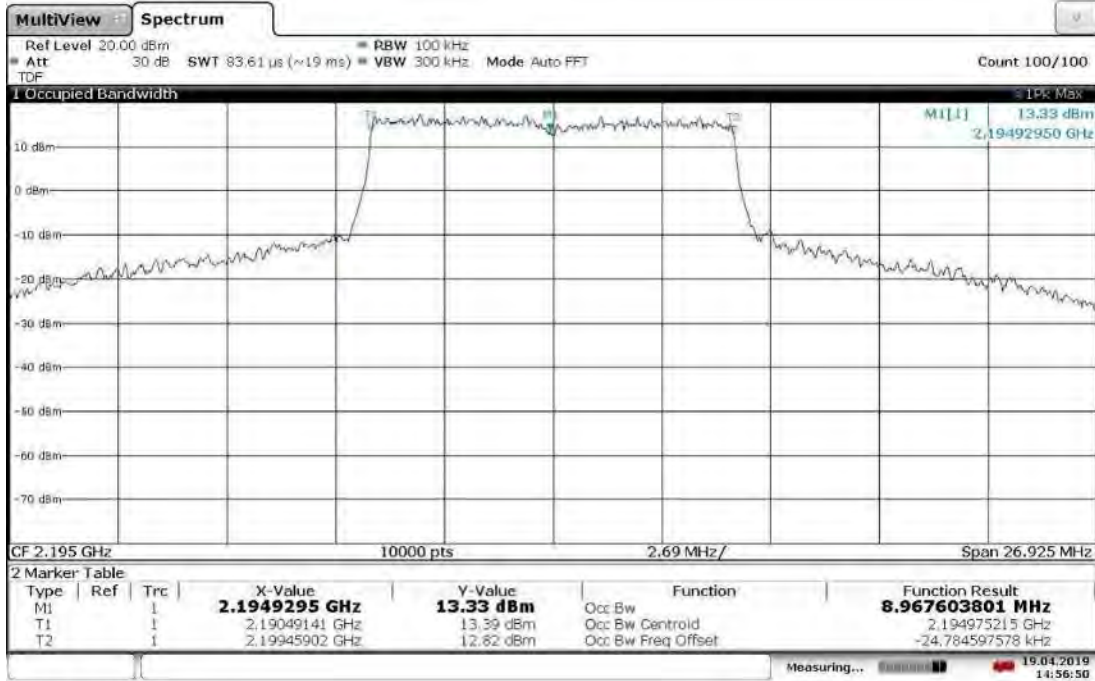
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



14:58:26 19.04.2019

TM3.1a-256QAM\_10 MHz Bandwidth

Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth

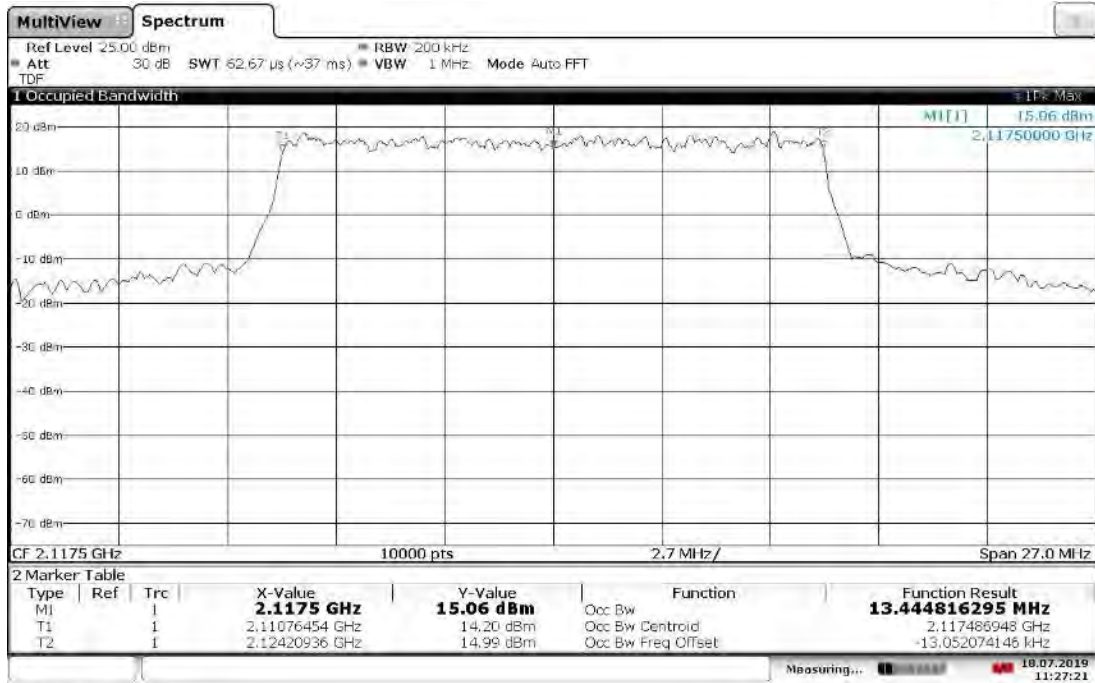


14:56:51 19.04.2019



TM3.1a-256QAM\_15 MHz Bandwidth

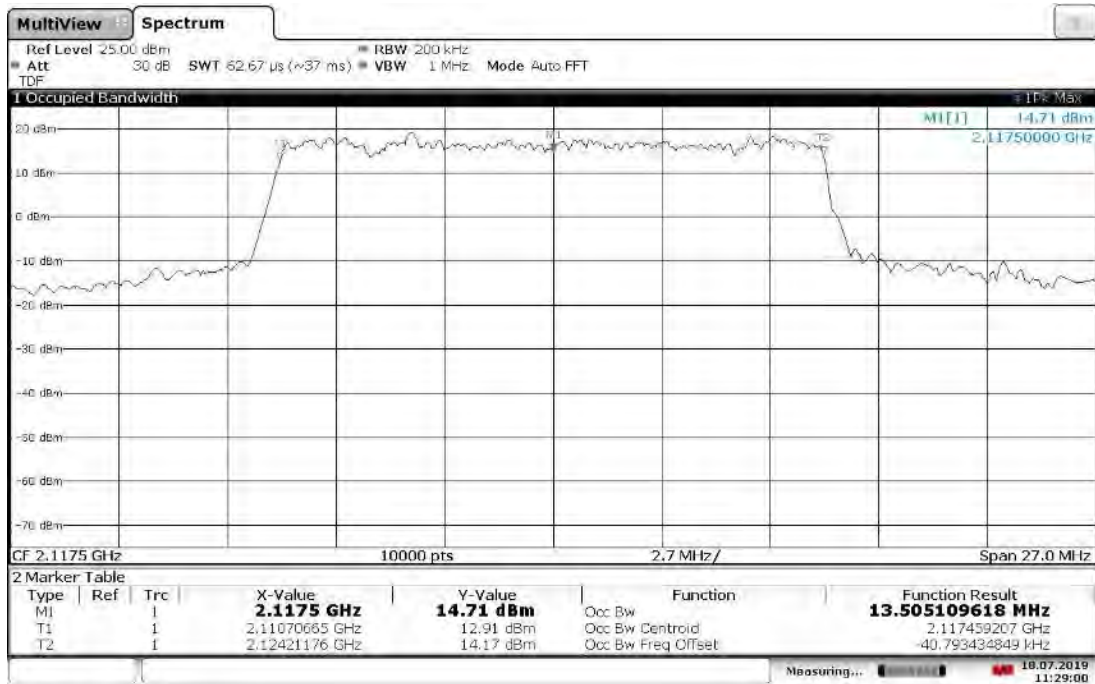
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



11:27:21 18.07.2019

TM3.1a-256QAM\_15 MHz Bandwidth

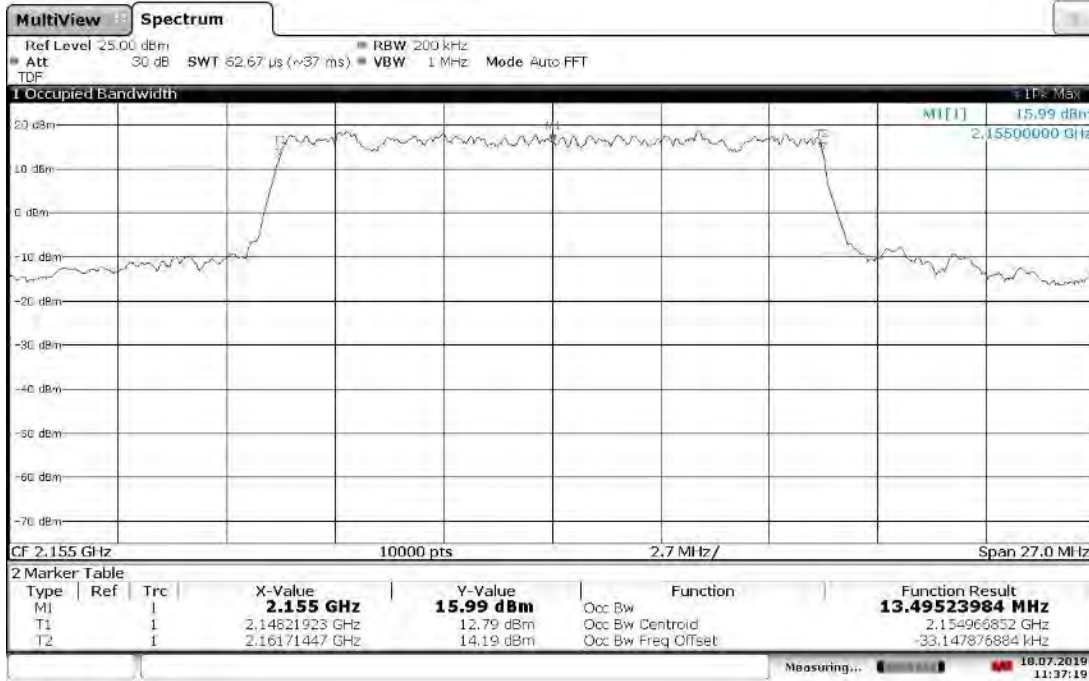
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



11:29:00 18.07.2019

TM3.1a-256QAM\_15 MHz Bandwidth

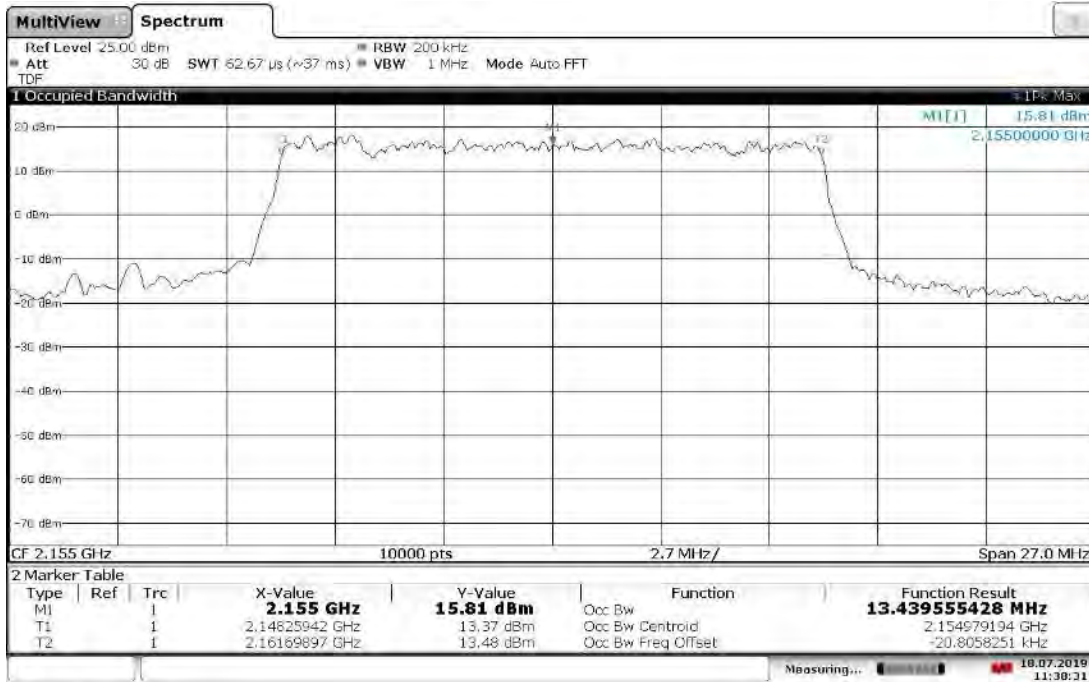
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



11:37:19 18.07.2019

TM3.1a-256QAM\_15 MHz Bandwidth

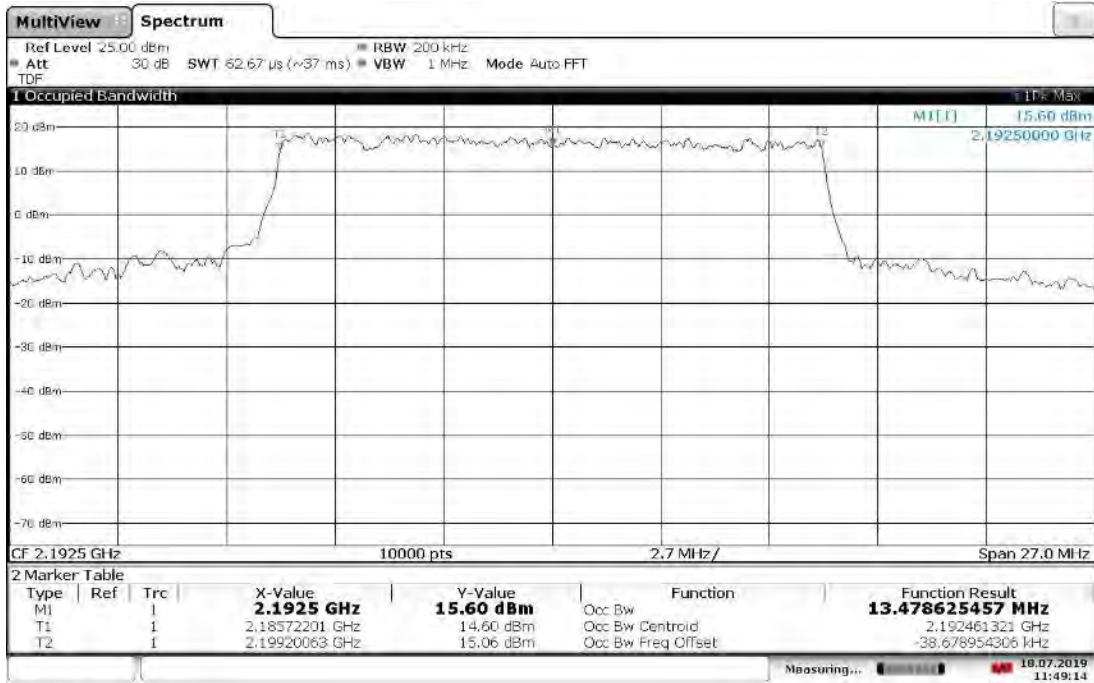
Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth



11:38:32 18.07.2019

TM3.1a-256QAM\_15 MHz Bandwidth

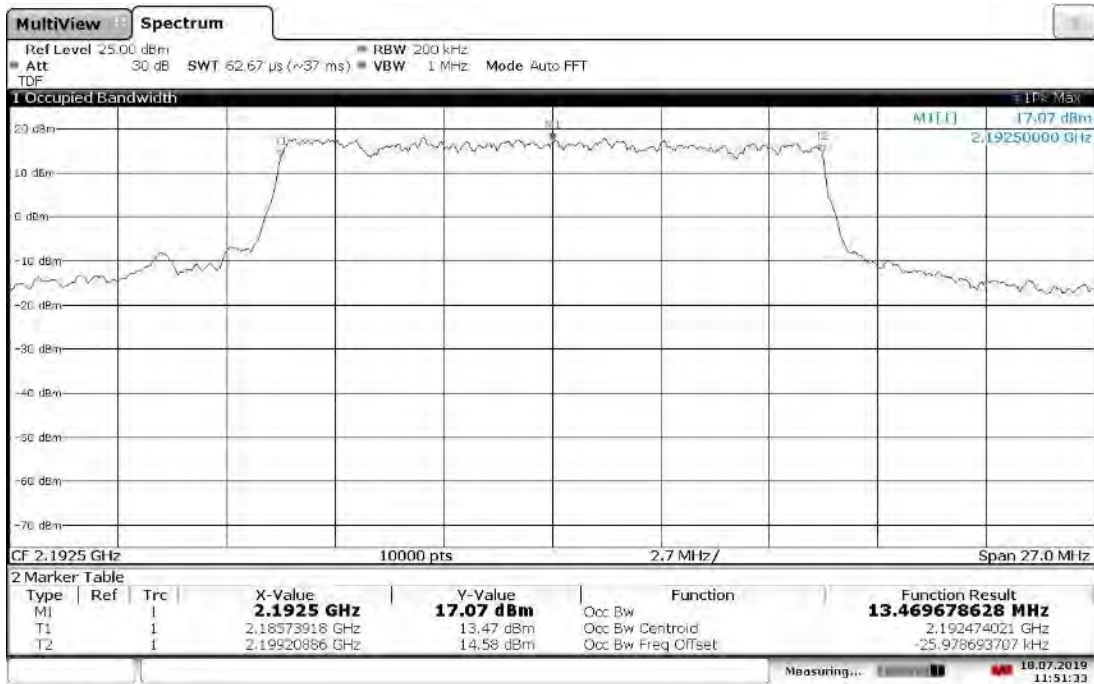
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



11:49:15 18.07.2019

TM3.1a-256QAM\_15 MHz Bandwidth

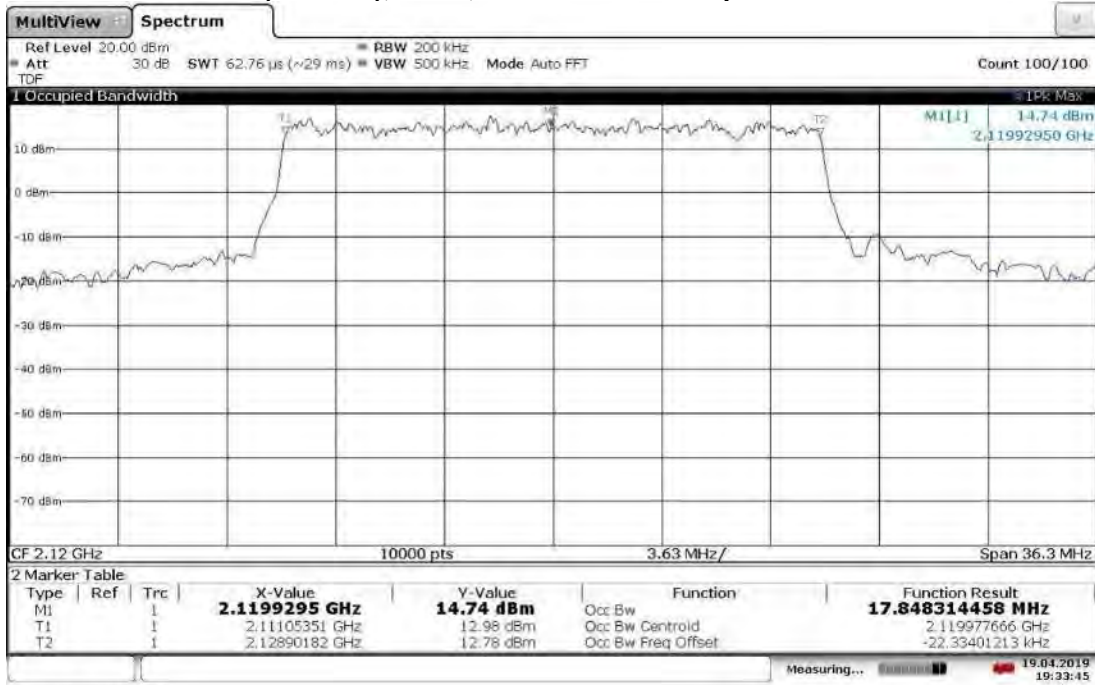
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



11:51:34 18.07.2019

TM3.1a-256QAM\_20 MHz Bandwidth

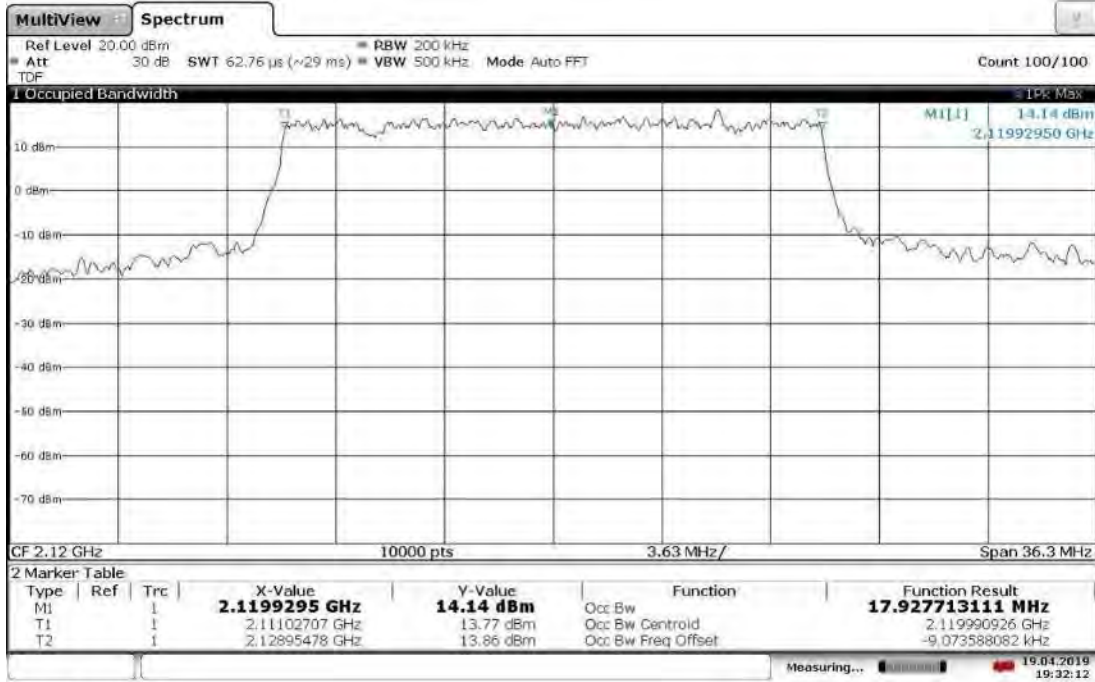
Slot 1 (Band 66), ANT0, Low Channel Occupied Bandwidth



19:33:45 19.04.2019

TM3.1a-256QAM\_20 MHz Bandwidth

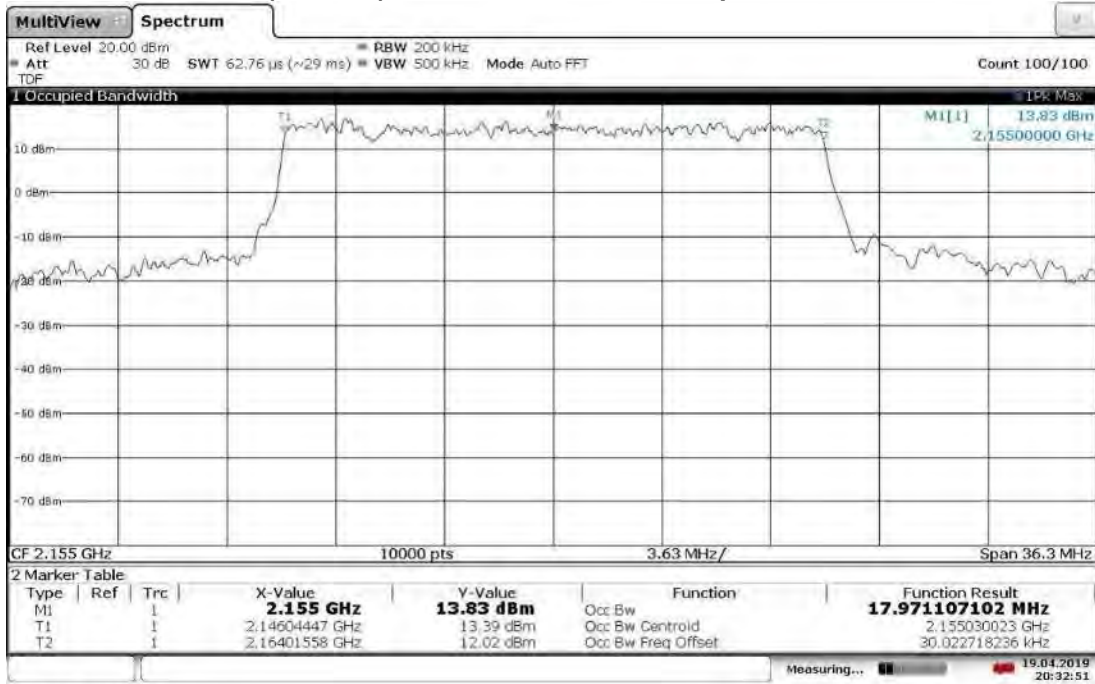
Slot 1 (Band 66), ANT1, Low Channel Occupied Bandwidth



19:32:12 19.04.2019

TM3.1a-256QAM\_20 MHz Bandwidth

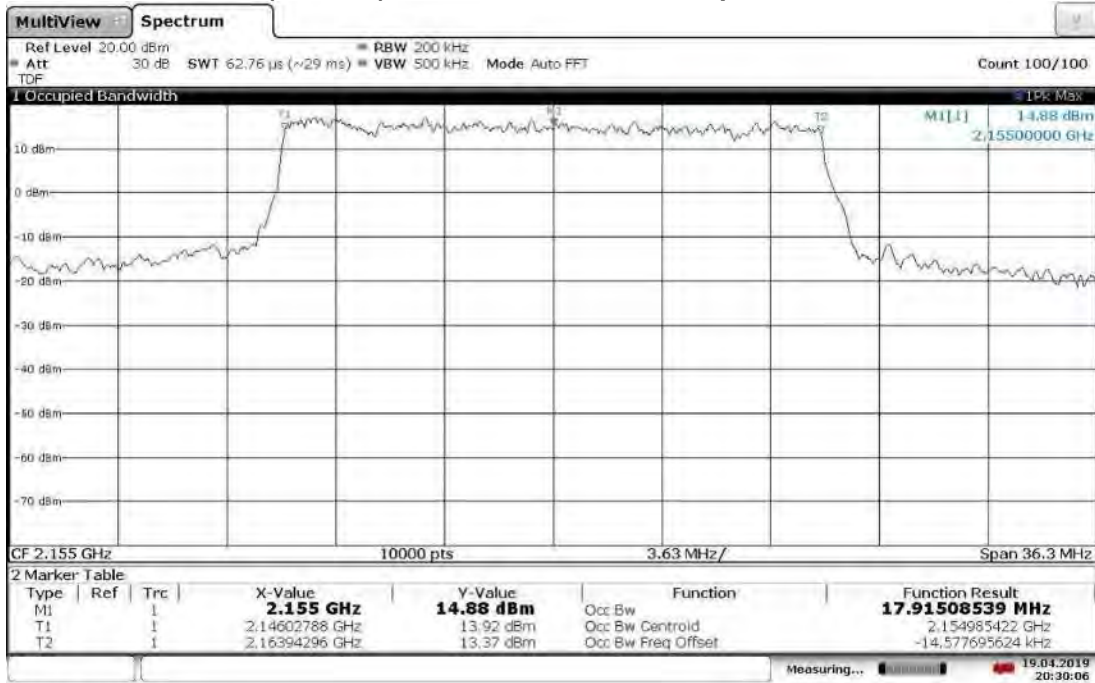
Slot 1 (Band 66), ANT0, Mid Channel Occupied Bandwidth



20:32:51 19.04.2019

TM3.1a-256QAM\_20 MHz Bandwidth

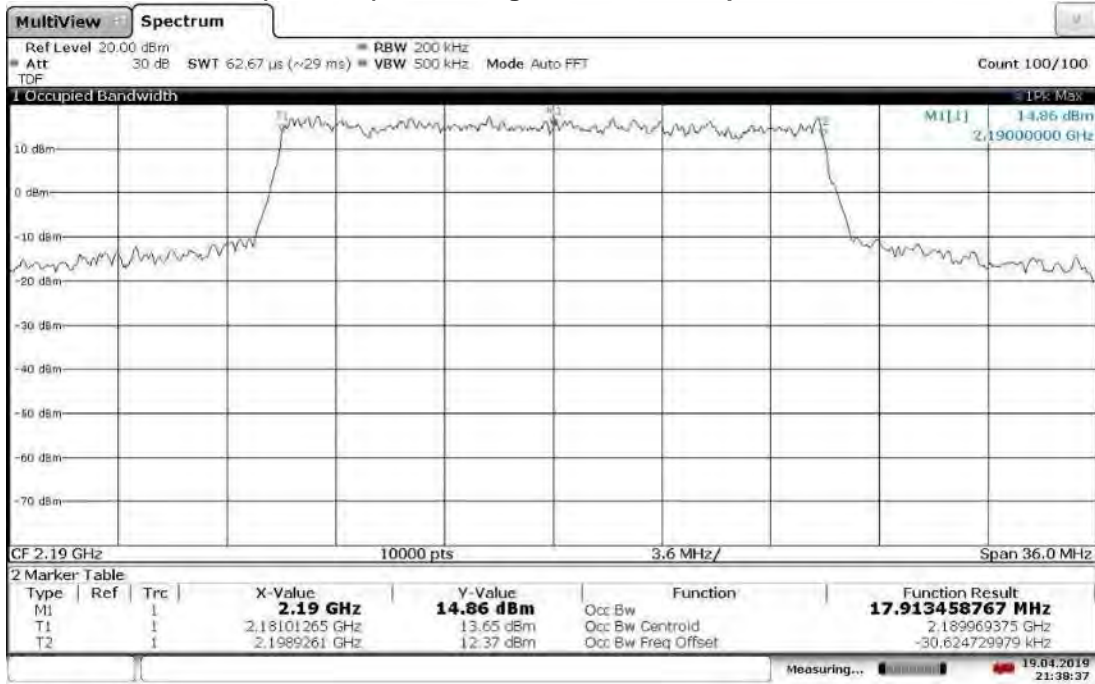
Slot 1 (Band 66), ANT1, Mid Channel Occupied Bandwidth



20:30:06 19.04.2019

TM3.1a-256QAM\_20 MHz Bandwidth

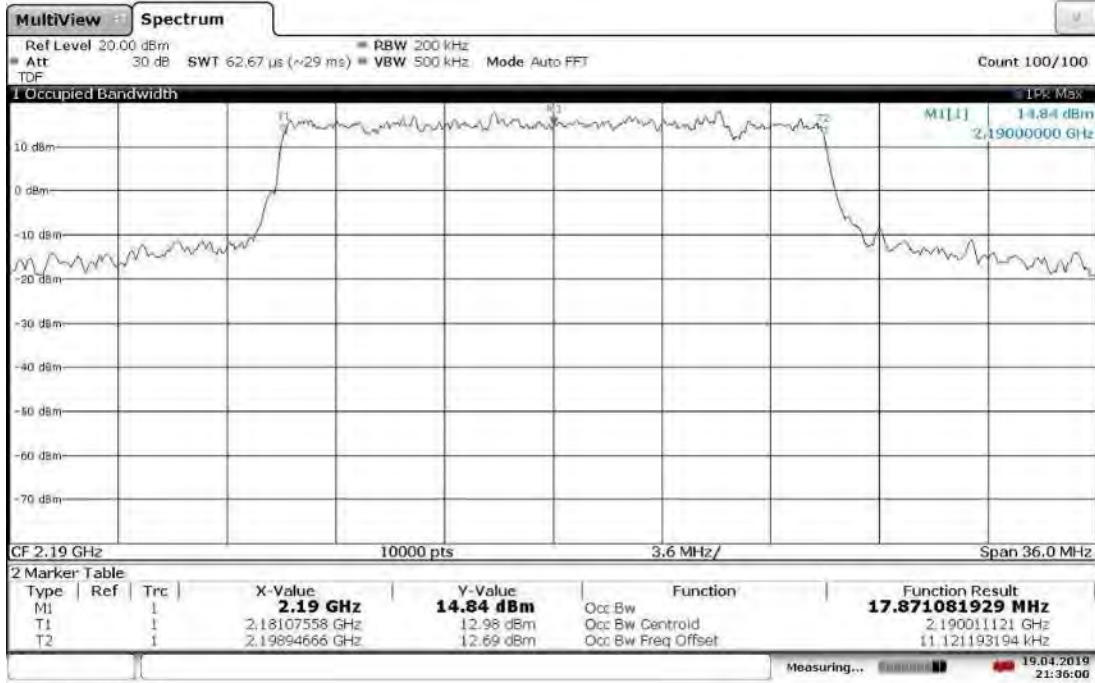
Slot 1 (Band 66), ANT0, High Channel Occupied Bandwidth



21:38:38 19.04.2019

TM3.1a-256QAM\_20 MHz Bandwidth

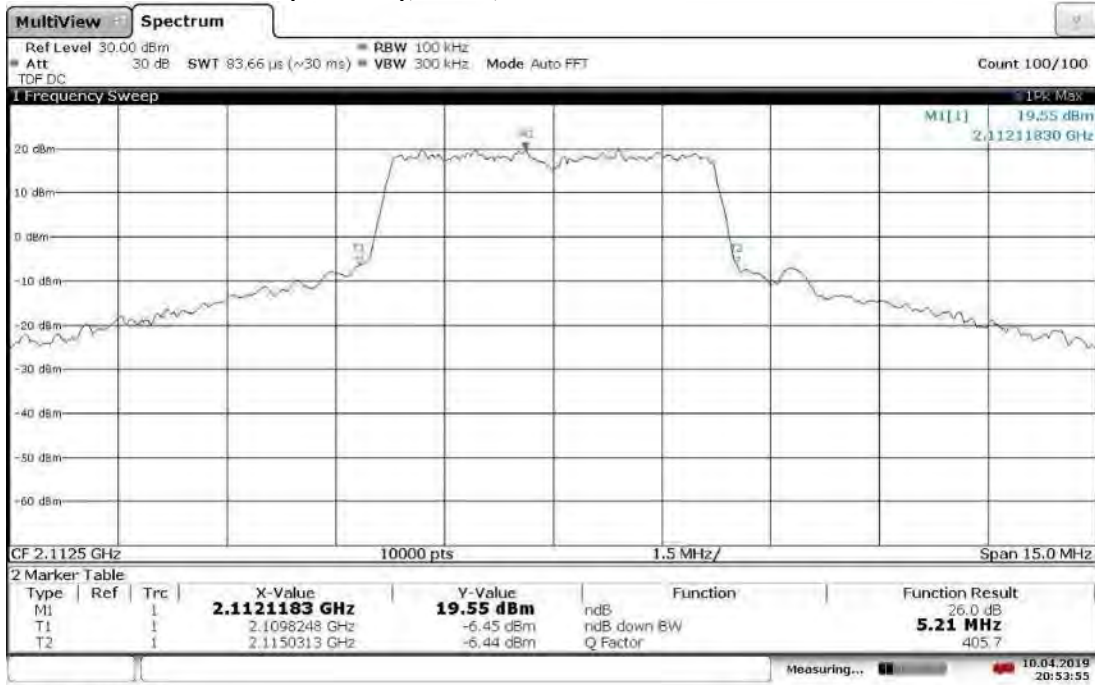
Slot 1 (Band 66), ANT1, High Channel Occupied Bandwidth



21:36:01 19.04.2019

TM1.1-QPSK\_5 MHz Bandwidth

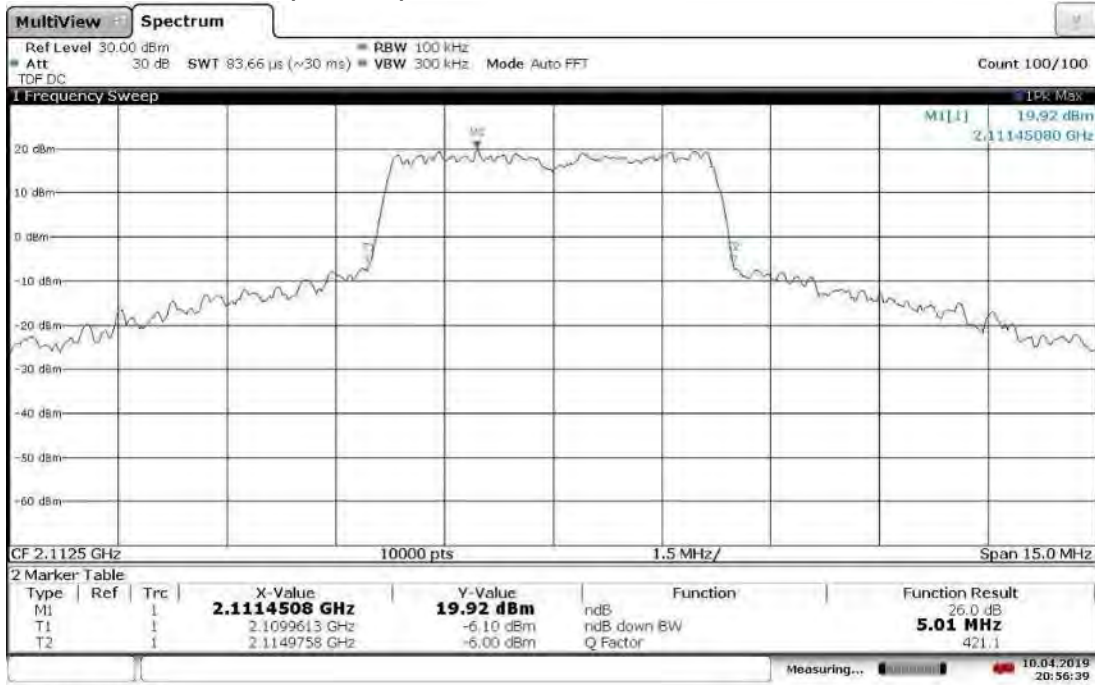
Slot 1 (Band 66), ANT0, Low Channel 26 dB Bandwidth



20:53:55 10.04.2019

TM1.1-QPSK\_5 MHz Bandwidth

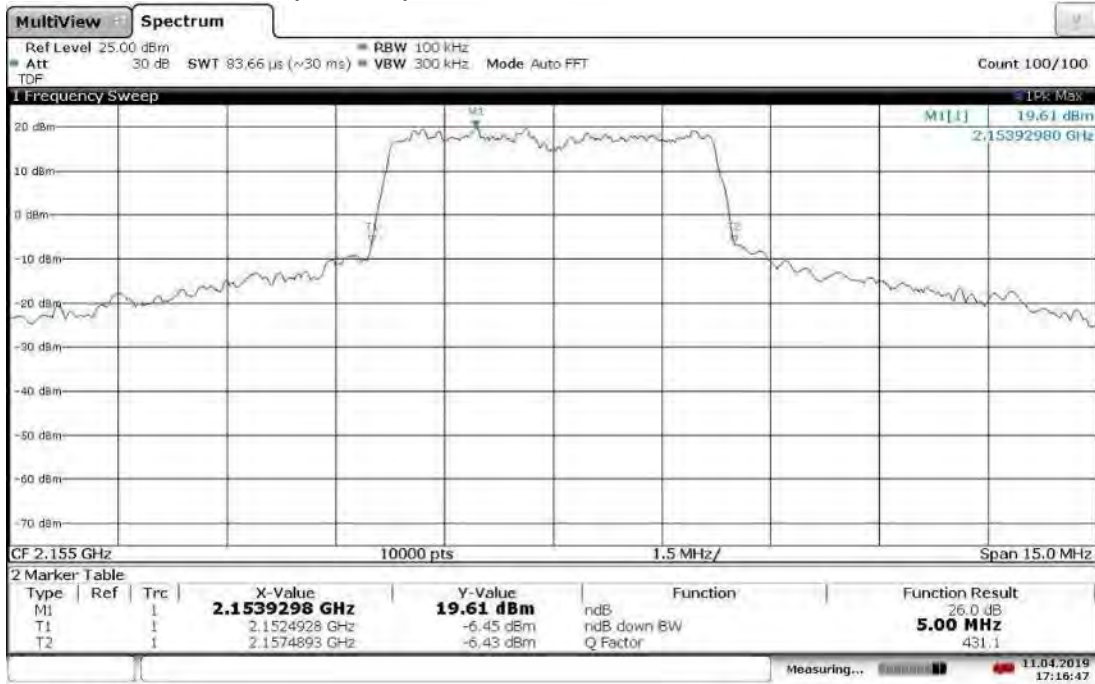
Slot 1 (Band 66), ANT1, Low Channel 26 dB Bandwidth



20:56:39 10.04.2019

TM1.1-QPSK\_5 MHz Bandwidth

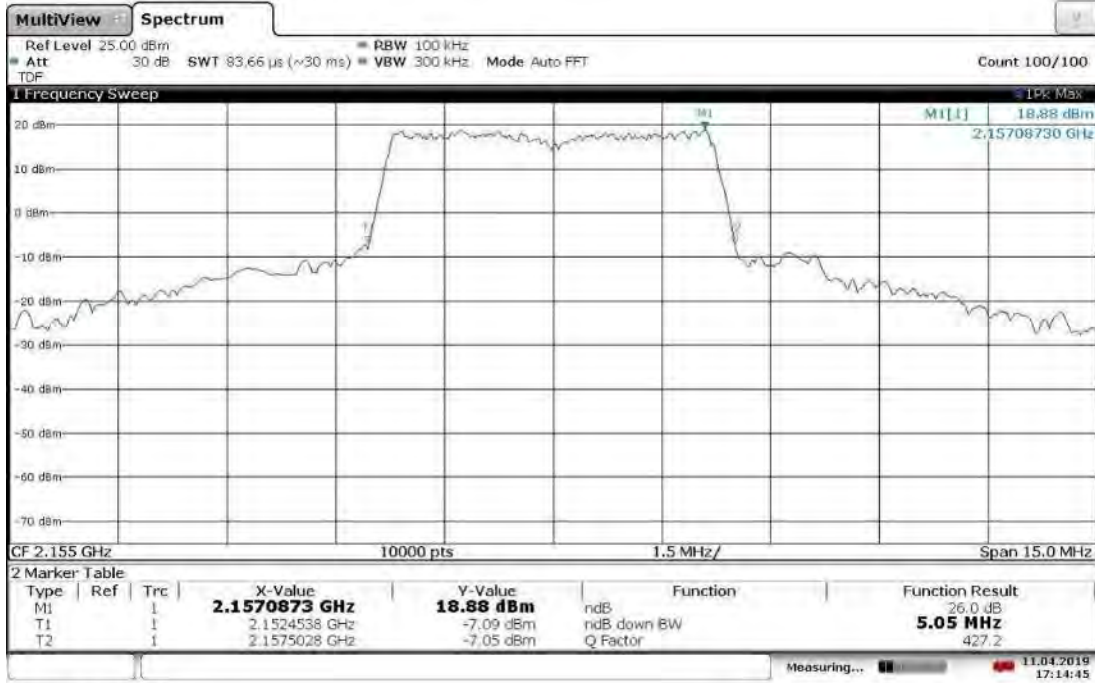
Slot 1 (Band 66), ANT0, Mid Channel 26 dB Bandwidth



17:16:48 11.04.2019

TM1.1-QPSK\_5 MHz Bandwidth

Slot 1 (Band 66), ANT1, Mid Channel 26 dB Bandwidth

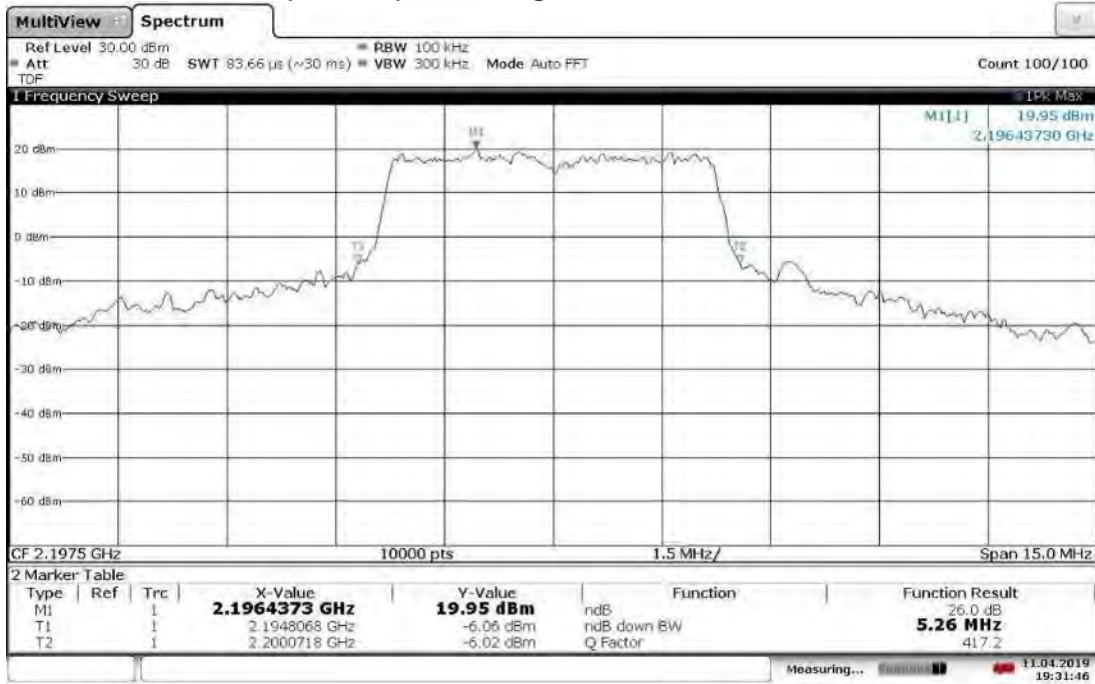


17:14:45 11.04.2019



TM1.1-QPSK\_5 MHz Bandwidth

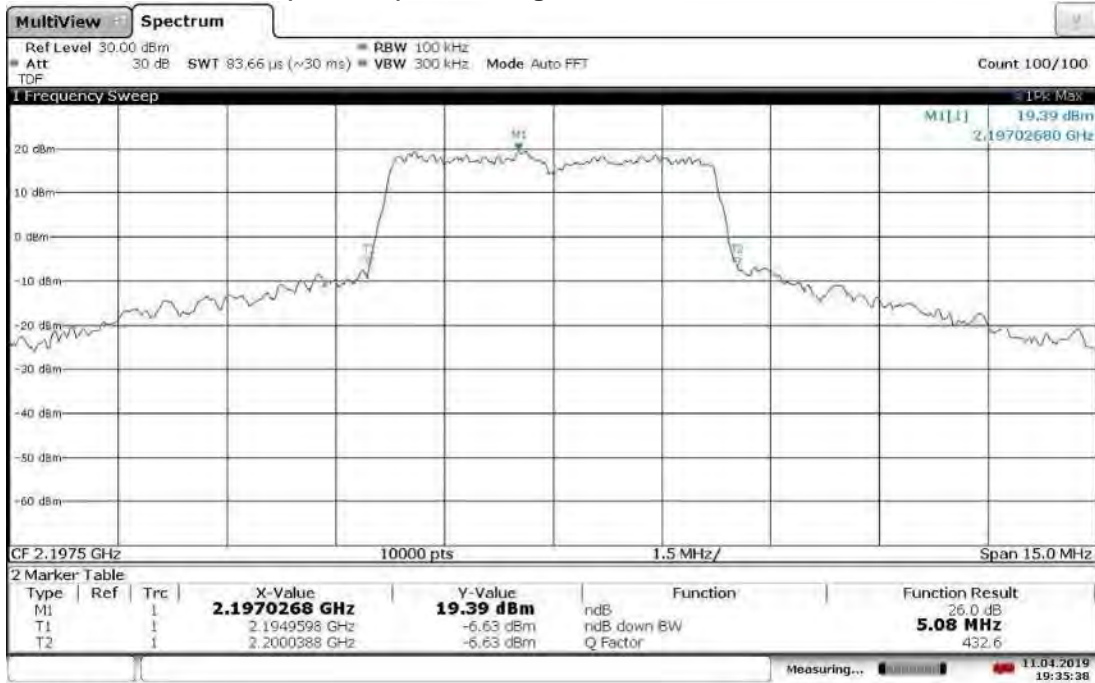
Slot 1 (Band 66), ANT0, High Channel 26 dB Bandwidth



19:31:47 11.04.2019

TM1.1-QPSK\_5 MHz Bandwidth

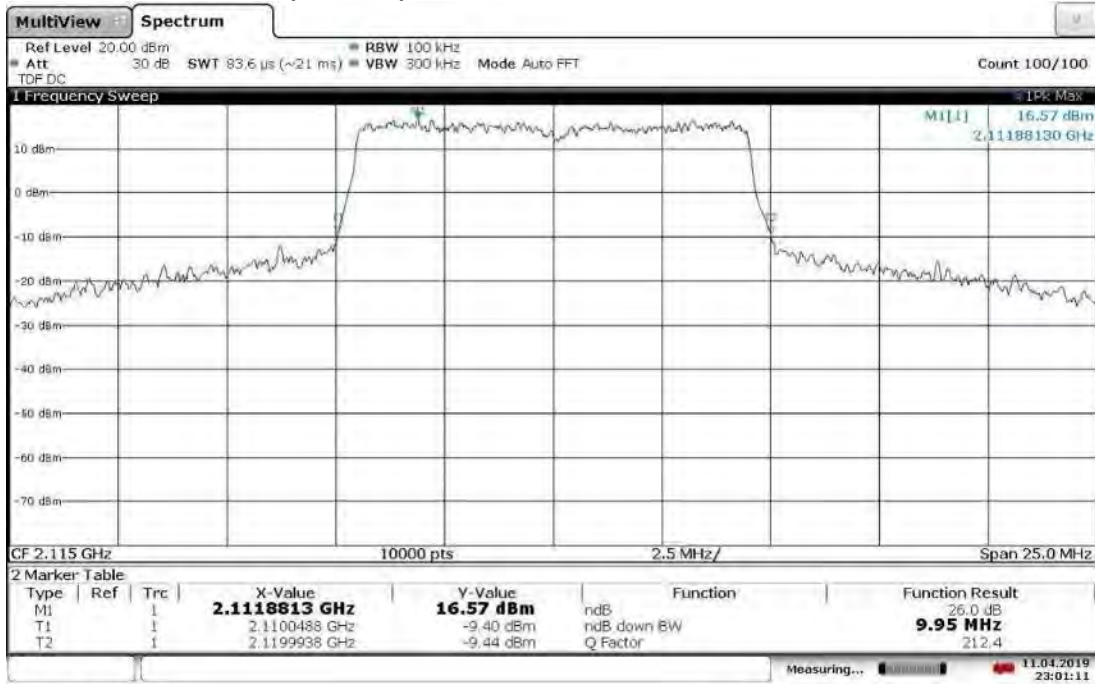
Slot 1 (Band 66), ANT1, High Channel 26 dB Bandwidth



19:35:39 11.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

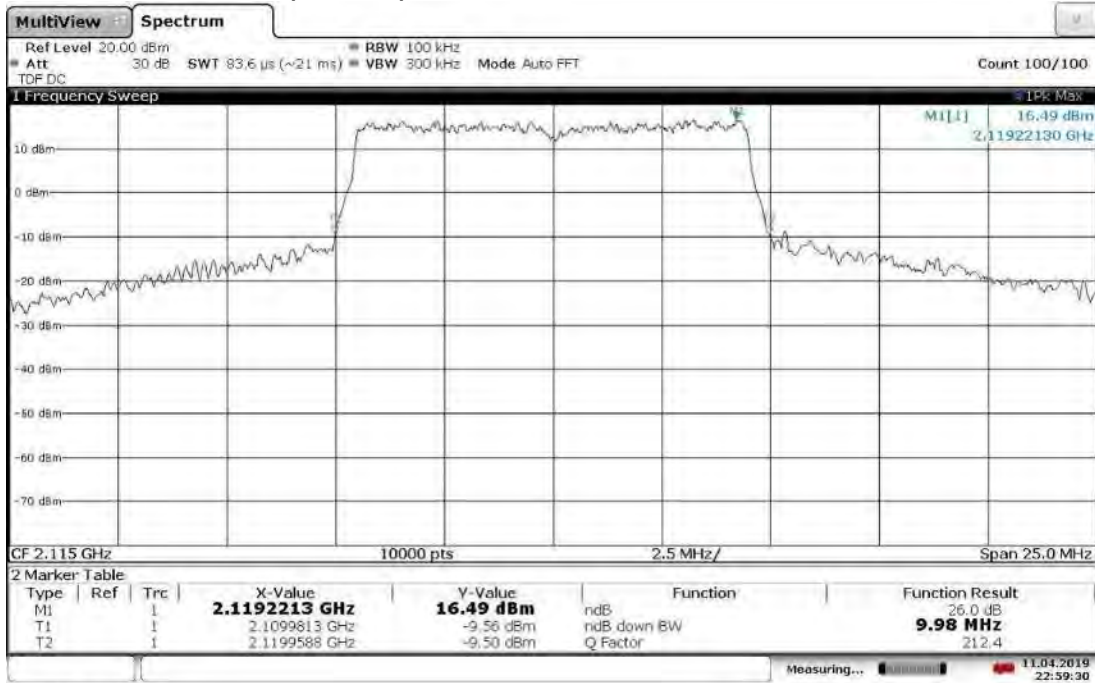
Slot 1 (Band 66), ANT0, Low Channel 26 dB Bandwidth



23:01:12 11.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

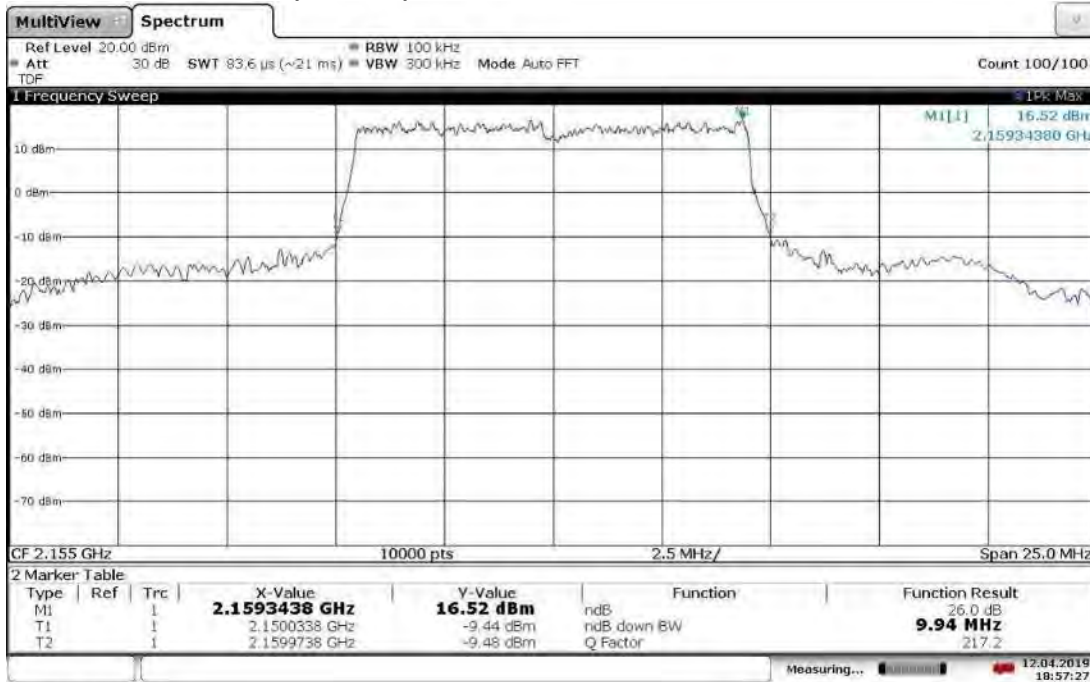
Slot 1 (Band 66), ANT1, Low Channel 26 dB Bandwidth



22:59:31 11.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

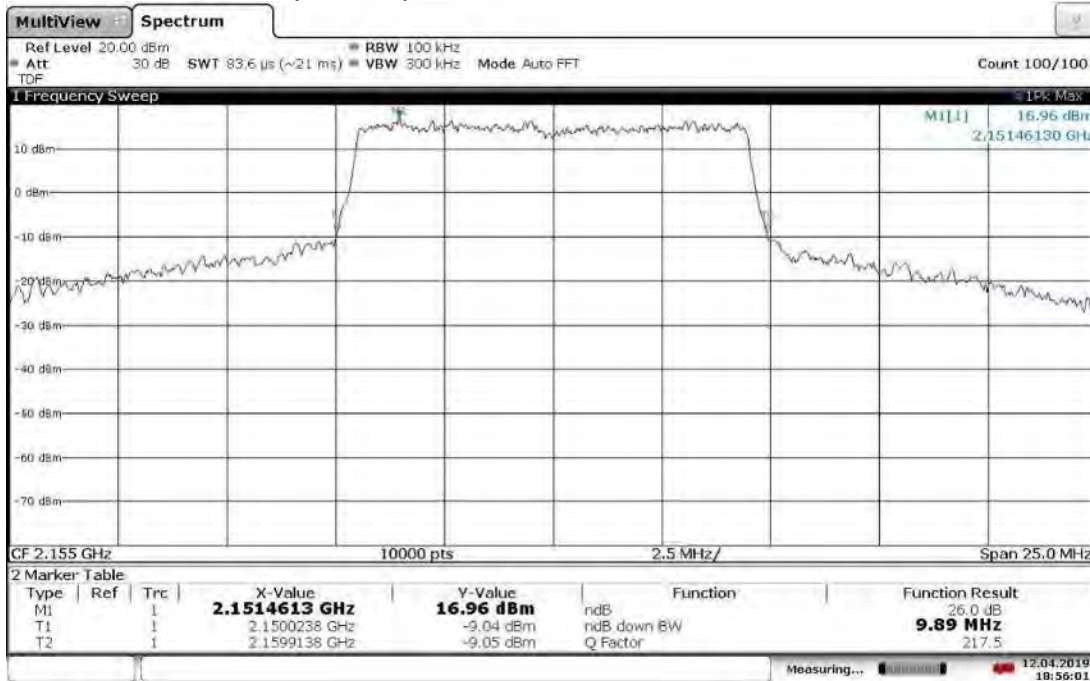
Slot 1 (Band 66), ANT0, Mid Channel 26 dB Bandwidth



18:57:27 12.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

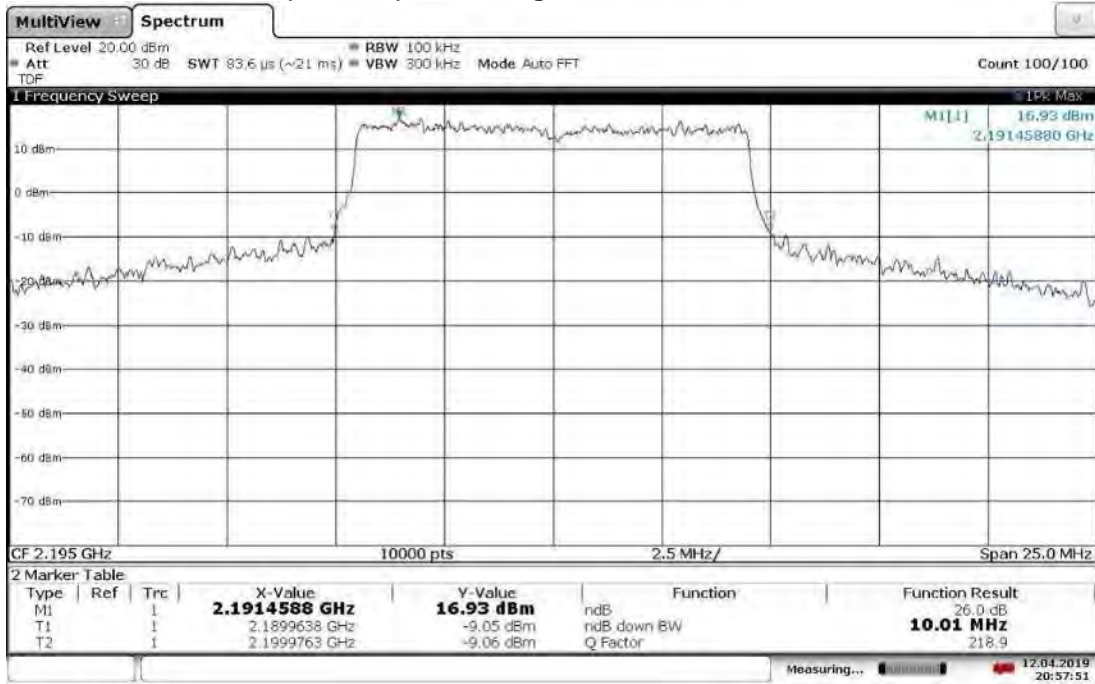
Slot 1 (Band 66), ANT1, Mid Channel 26 dB Bandwidth



18:56:02 12.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

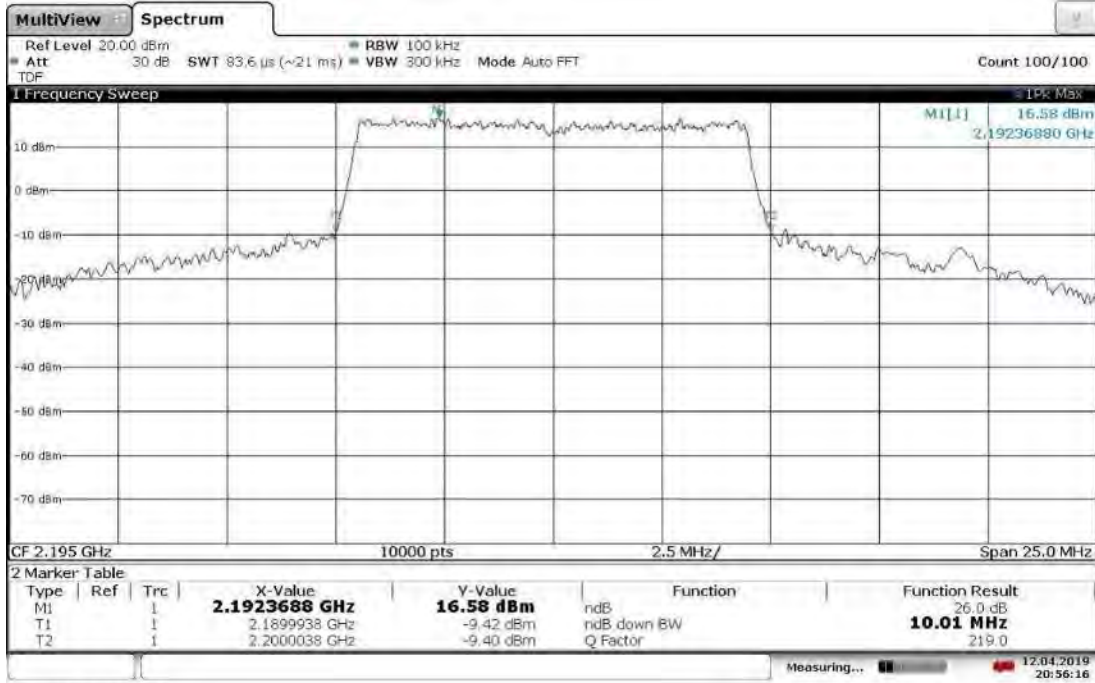
Slot 1 (Band 66), ANT0, High Channel 26 dB Bandwidth



20:57:52 12.04.2019

TM1.1-QPSK\_10 MHz Bandwidth

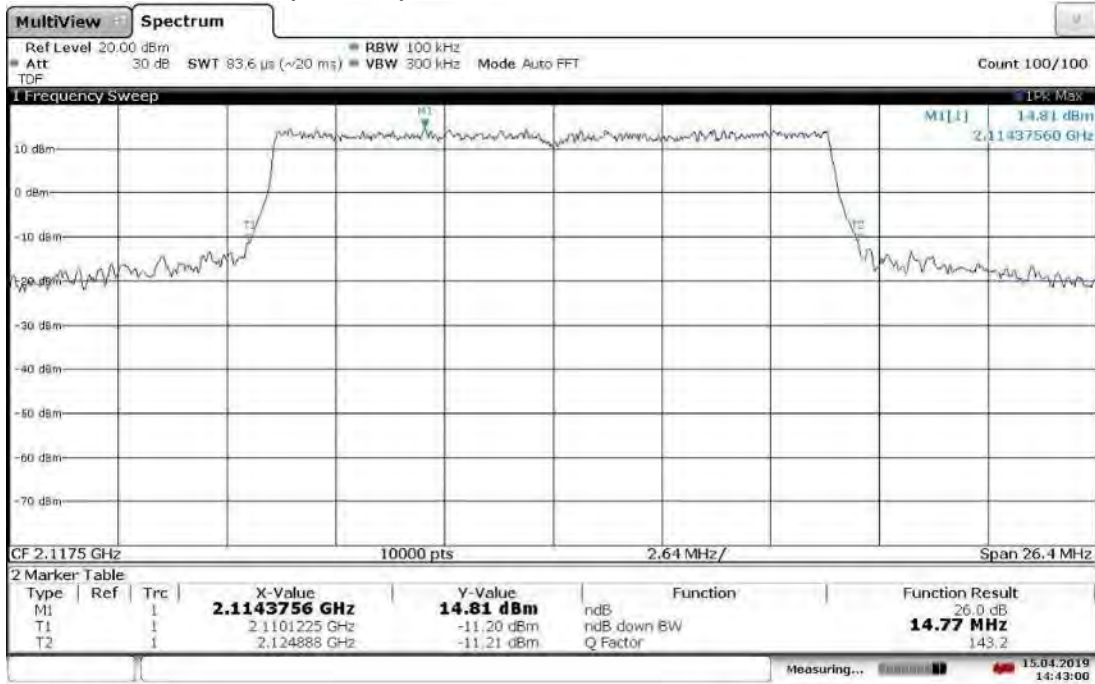
Slot 1 (Band 66), ANT1, High Channel 26 dB Bandwidth



20:56:16 12.04.2019

TM1.1-QPSK\_15 MHz Bandwidth

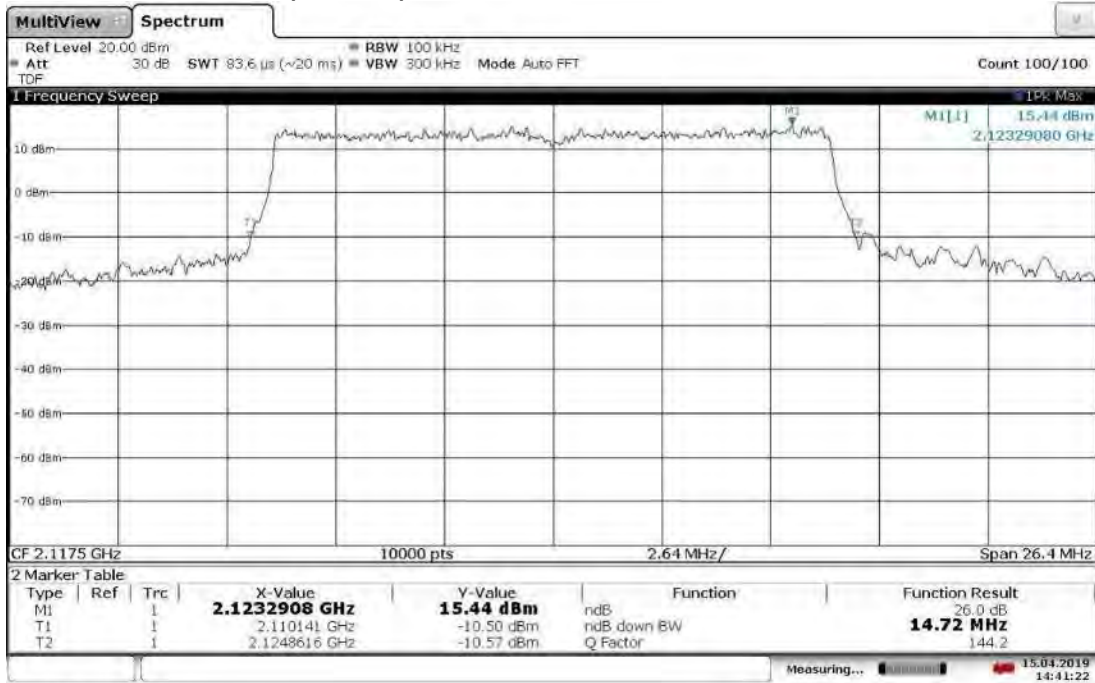
Slot 1 (Band 66), ANT0, Low Channel 26 dB Bandwidth



14:43:00 15.04.2019

TM1.1-QPSK\_15 MHz Bandwidth

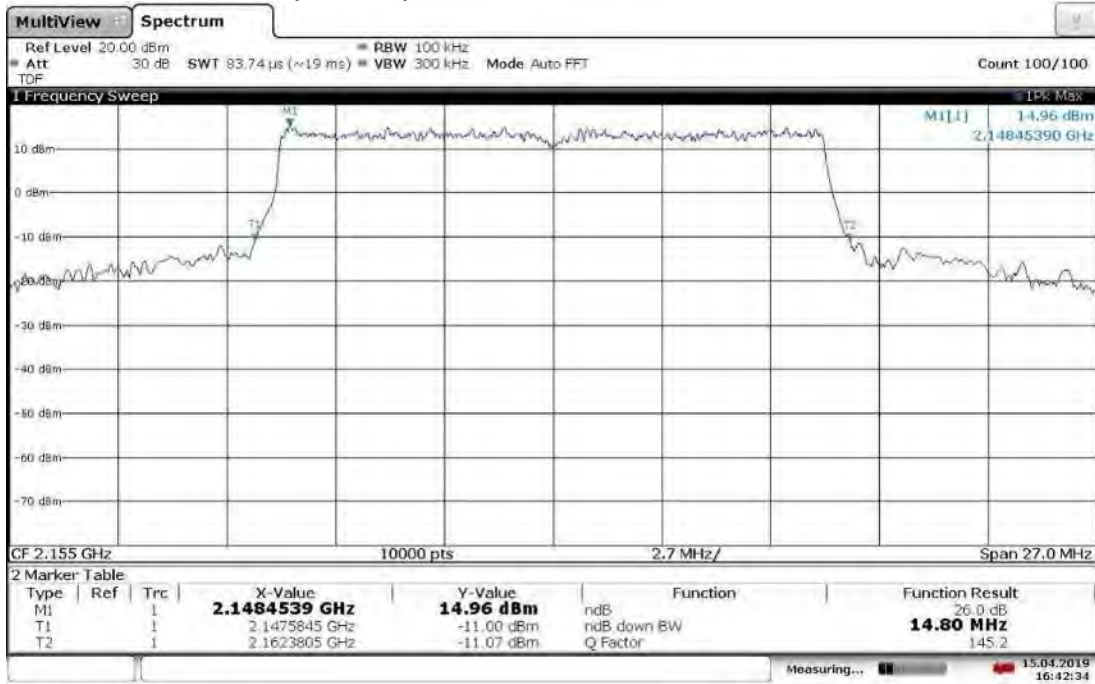
Slot 1 (Band 66), ANT1, Low Channel 26 dB Bandwidth



14:41:23 15.04.2019

TM1.1-QPSK\_15 MHz Bandwidth

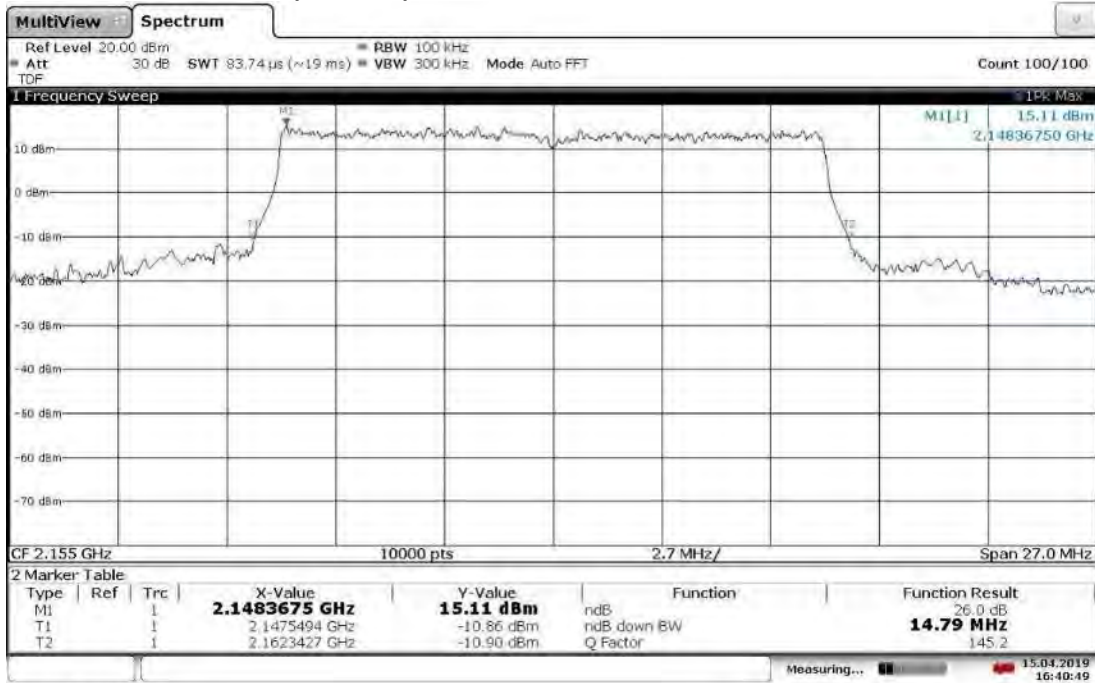
Slot 1 (Band 66), ANT0, Mid Channel 26 dB Bandwidth



16:42:34 15.04.2019

TM1.1-QPSK\_15 MHz Bandwidth

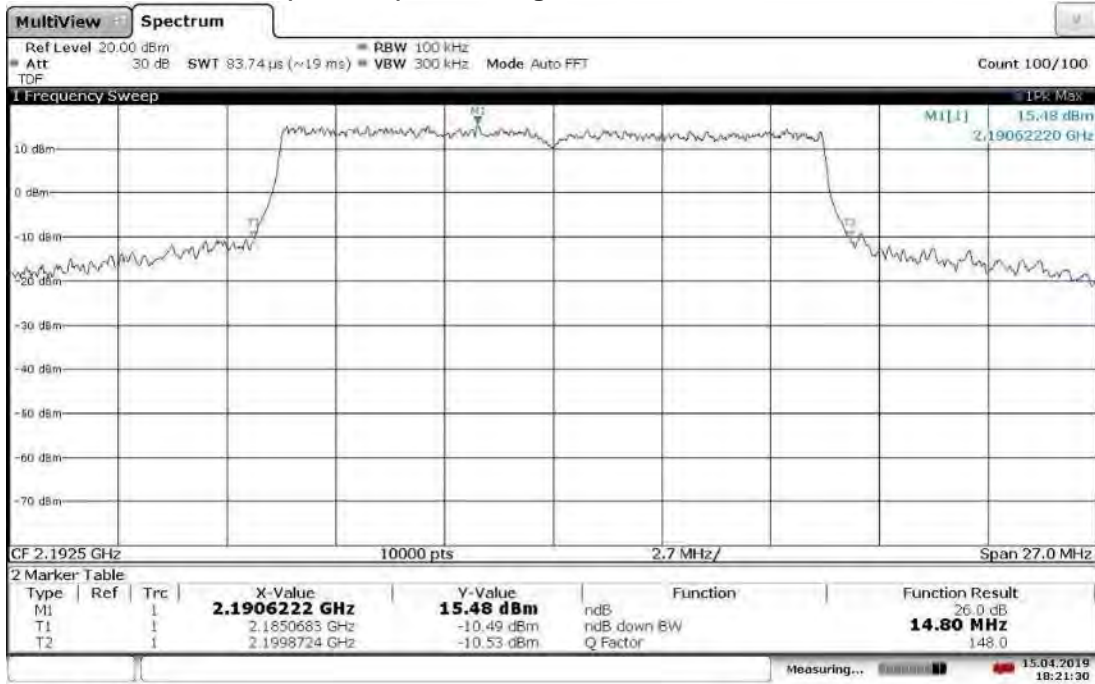
Slot 1 (Band 66), ANT1, Mid Channel 26 dB Bandwidth



16:40:50 15.04.2019

TM1.1-QPSK\_15 MHz Bandwidth

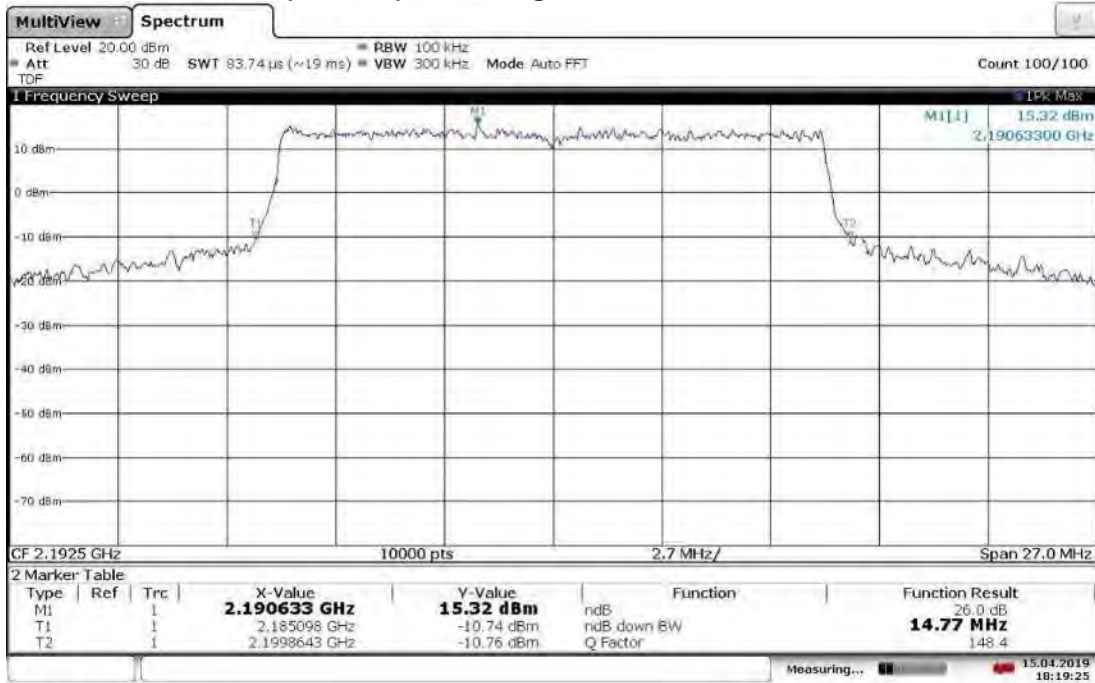
Slot 1 (Band 66), ANT0, High Channel 26 dB Bandwidth



18:21:30 15.04.2019

TM1.1-QPSK\_15 MHz Bandwidth

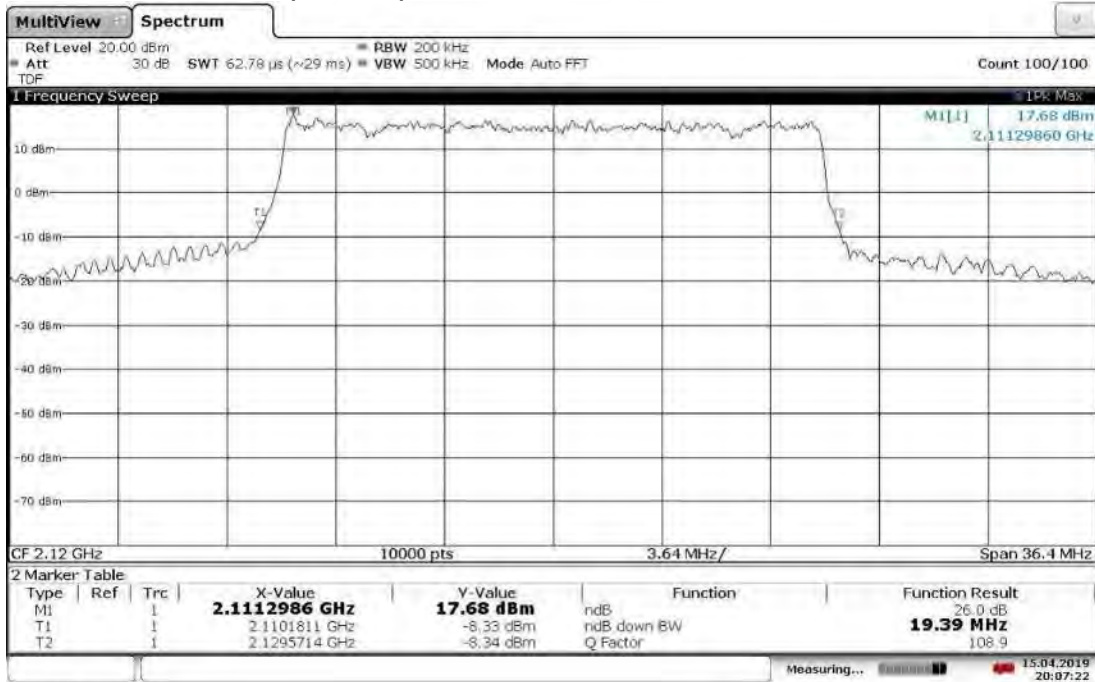
Slot 1 (Band 66), ANT1, High Channel 26 dB Bandwidth



18:19:25 15.04.2019

TM1.1-QPSK\_20 MHz Bandwidth

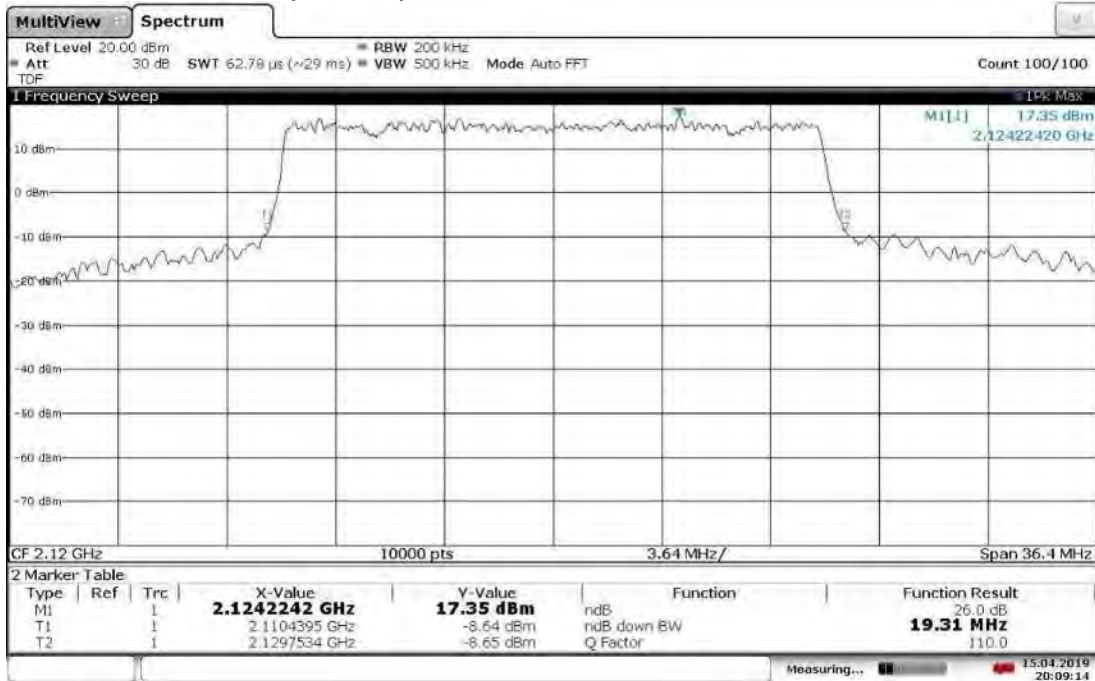
Slot 1 (Band 66), ANT0, Low Channel 26 dB Bandwidth



20:07:22 15.04.2019

TM1.1-QPSK\_20 MHz Bandwidth

Slot 1 (Band 66), ANT1, Low Channel 26 dB Bandwidth

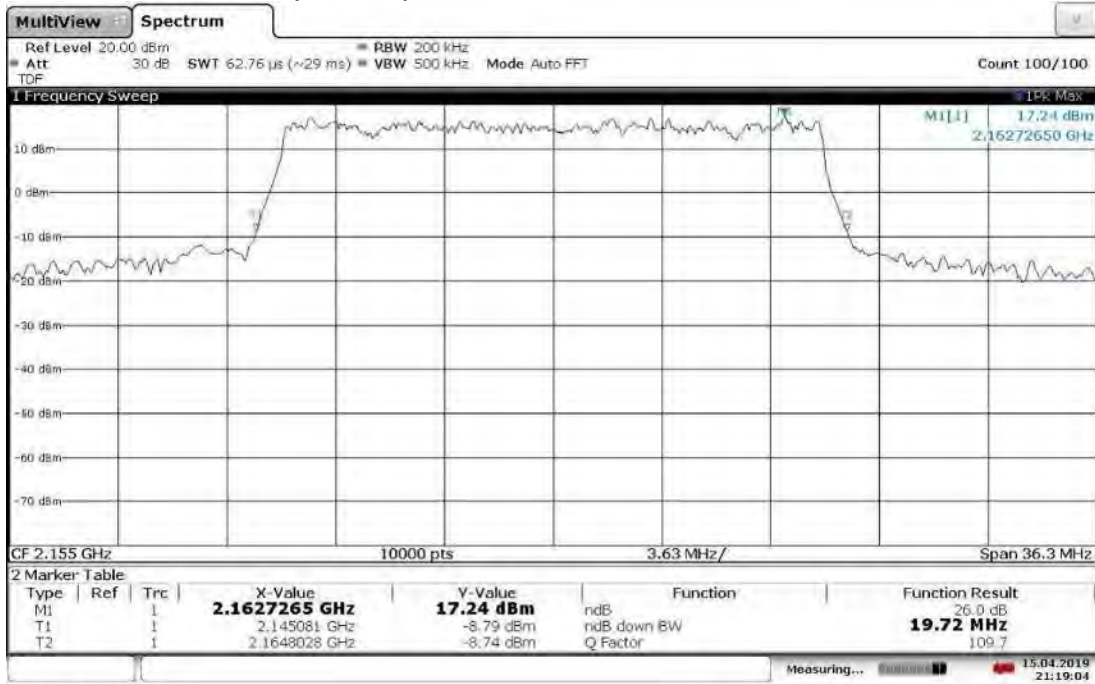


20:09:15 15.04.2019



TM1.1-QPSK\_20 MHz Bandwidth

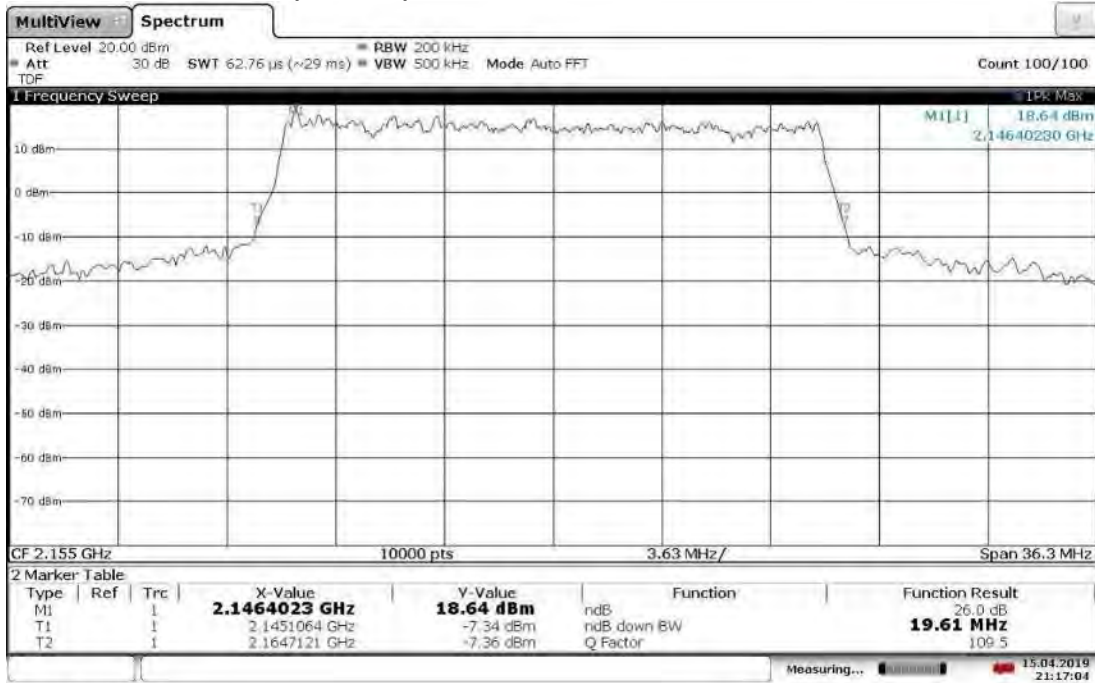
Slot 1 (Band 66), ANT0, Mid Channel 26 dB Bandwidth



21:19:05 15.04.2019

TM1.1-QPSK\_20 MHz Bandwidth

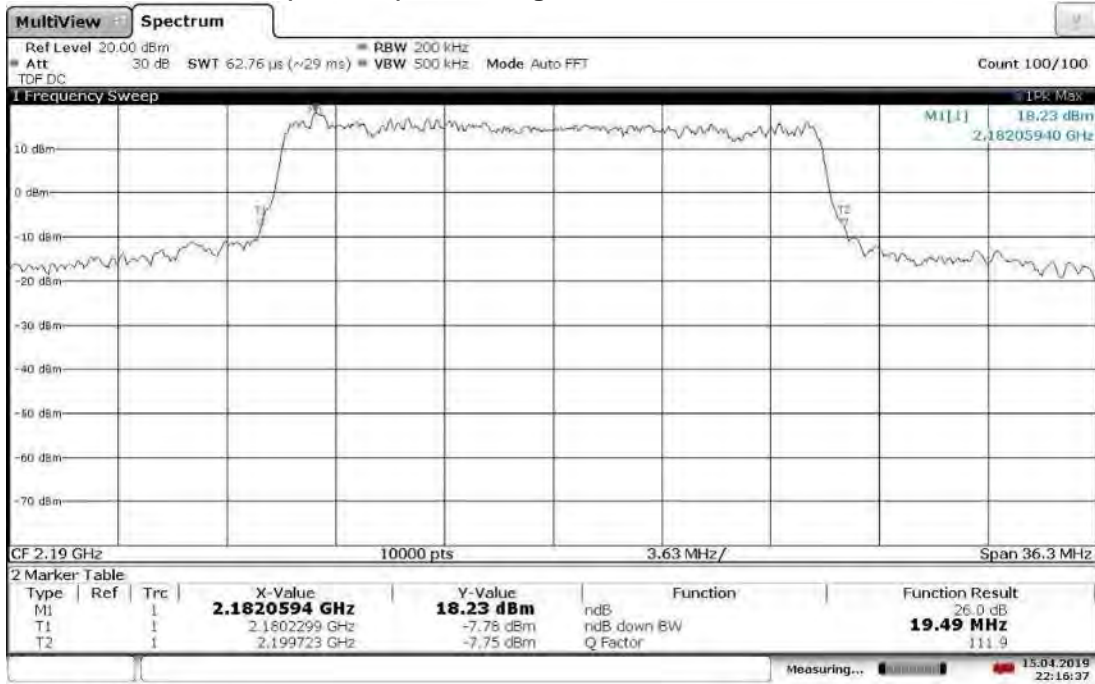
Slot 1 (Band 66), ANT1, Mid Channel 26 dB Bandwidth



21:17:05 15.04.2019

TM1.1-QPSK\_20 MHz Bandwidth

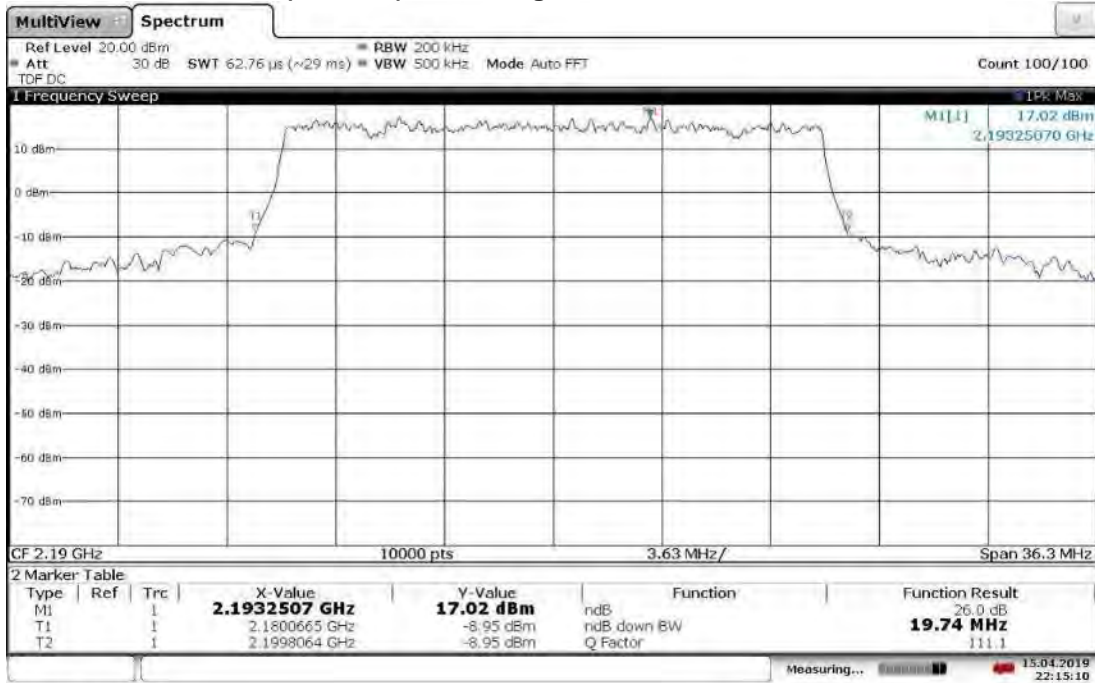
Slot 1 (Band 66), ANT0, High Channel 26 dB Bandwidth



22:16:38 15.04.2019

TM1.1-QPSK\_20 MHz Bandwidth

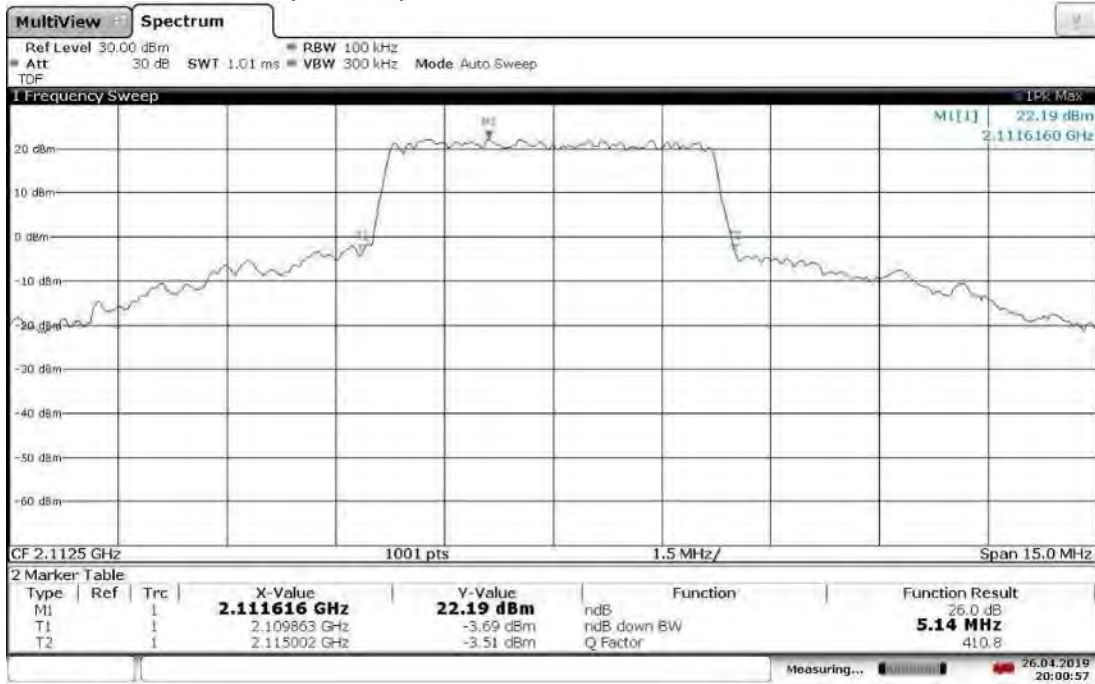
Slot 1 (Band 66), ANT1, High Channel 26 dB Bandwidth



22:15:11 15.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

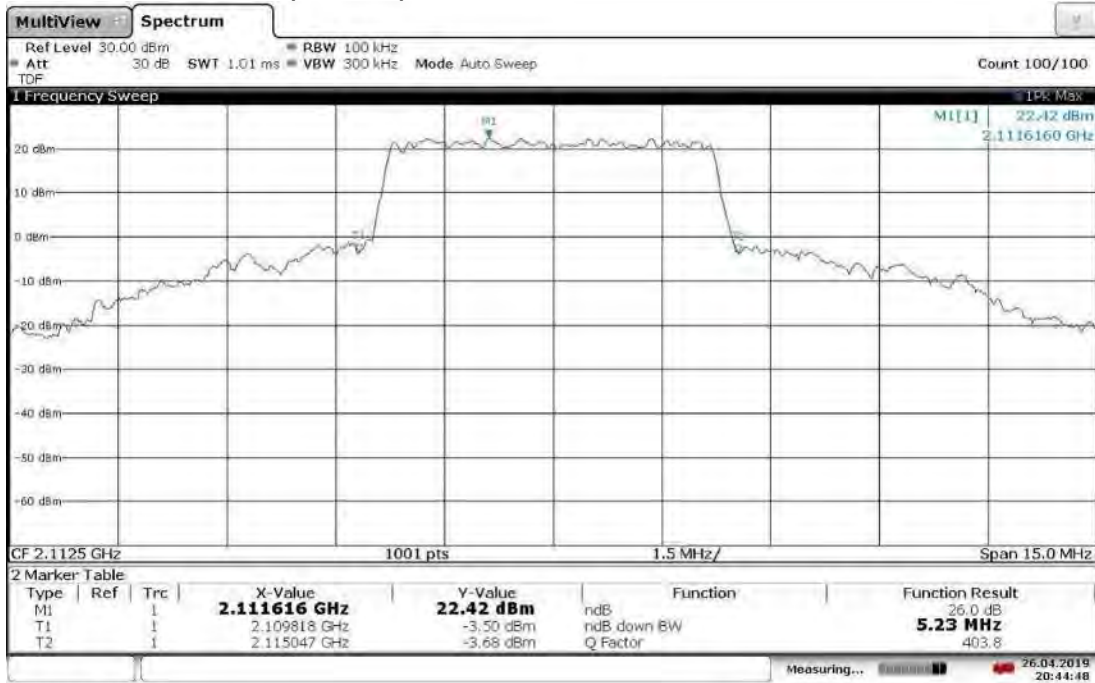
Slot 1 (Band 66), ANT0, Low Channel 26 dB Bandwidth



20:00:58 26.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

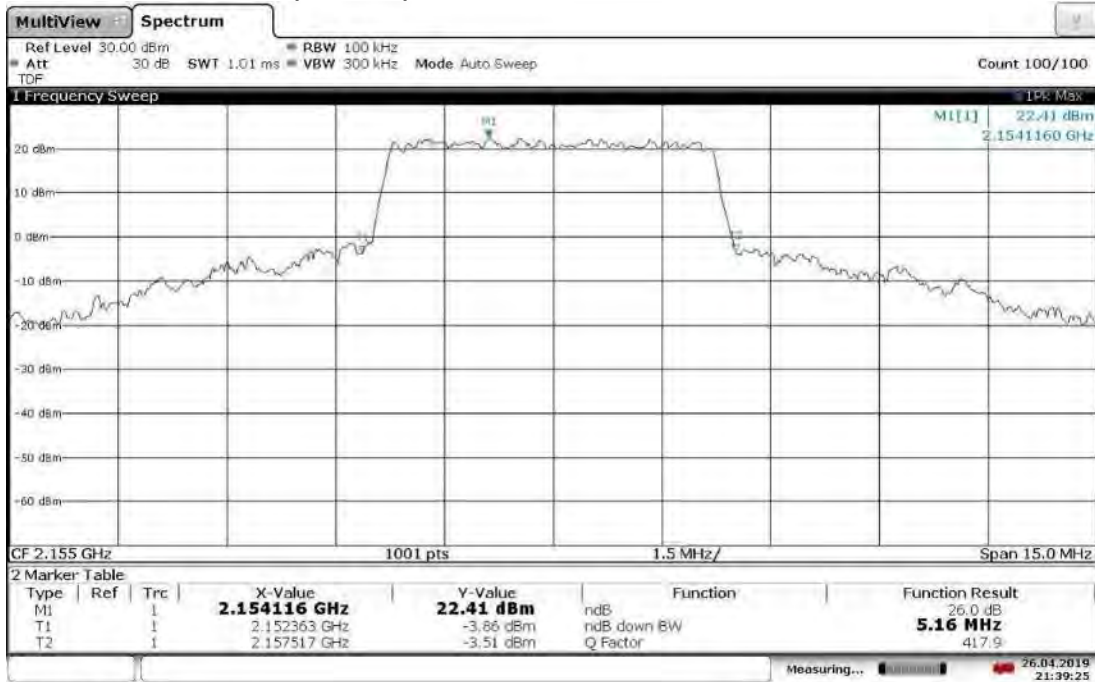
Slot 1 (Band 66), ANT1, Low Channel 26 dB Bandwidth



20:44:48 26.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

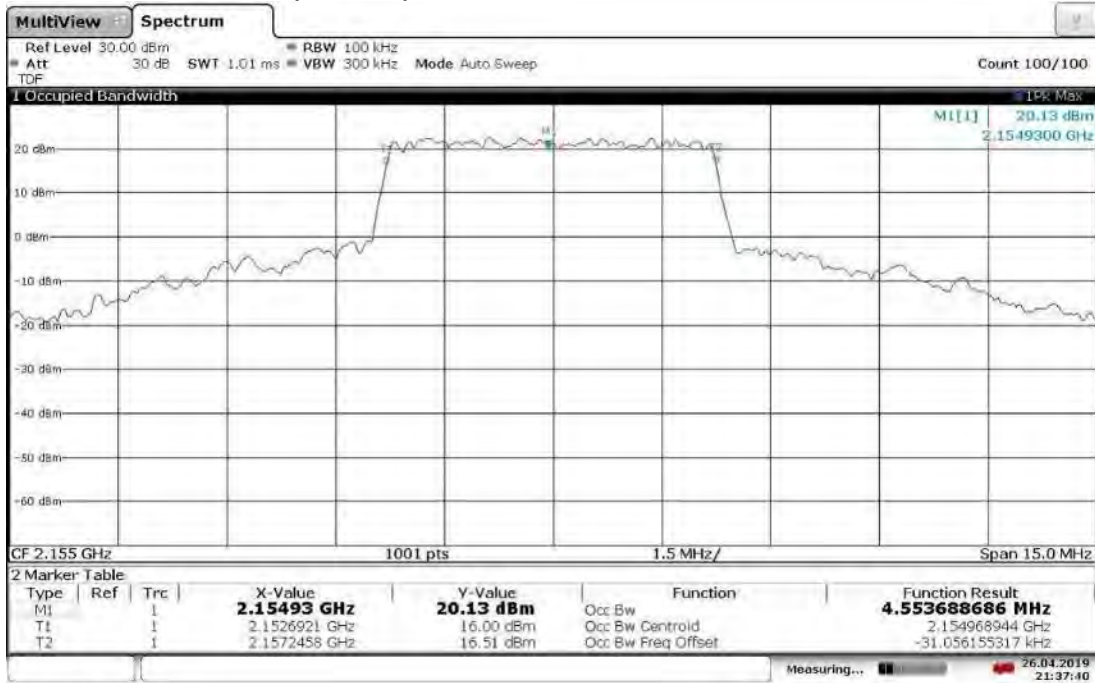
Slot 1 (Band 66), ANT0, Mid Channel 26 dB Bandwidth



21:39:26 26.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

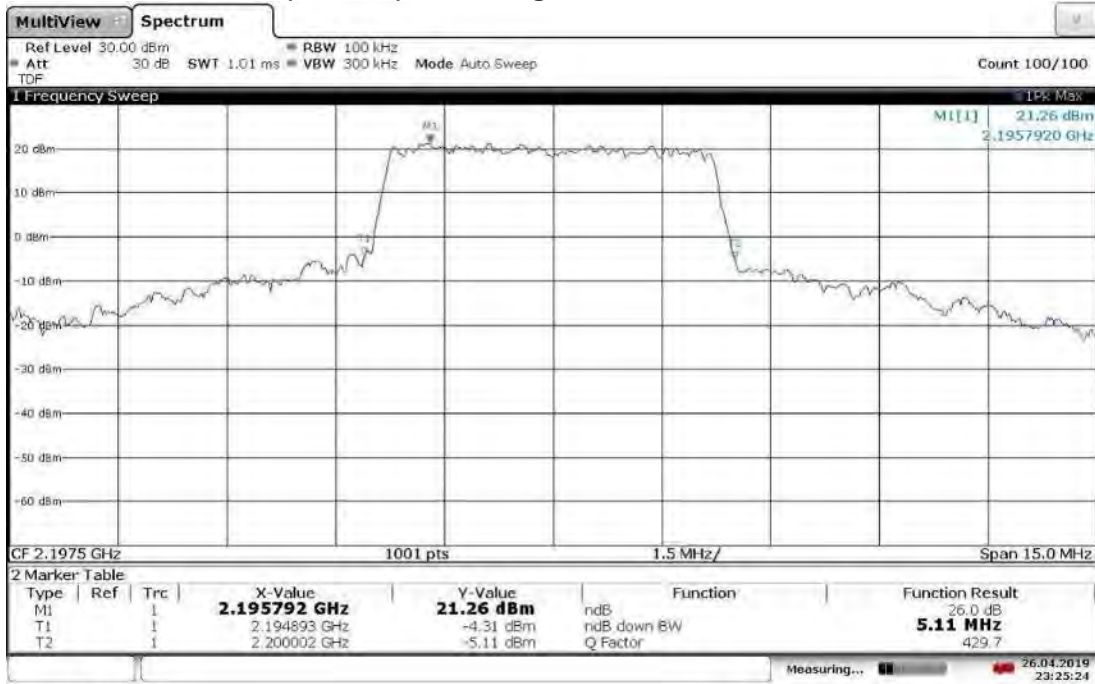
Slot 1 (Band 66), ANT1, Mid Channel 26 dB Bandwidth



21:37:40 26.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

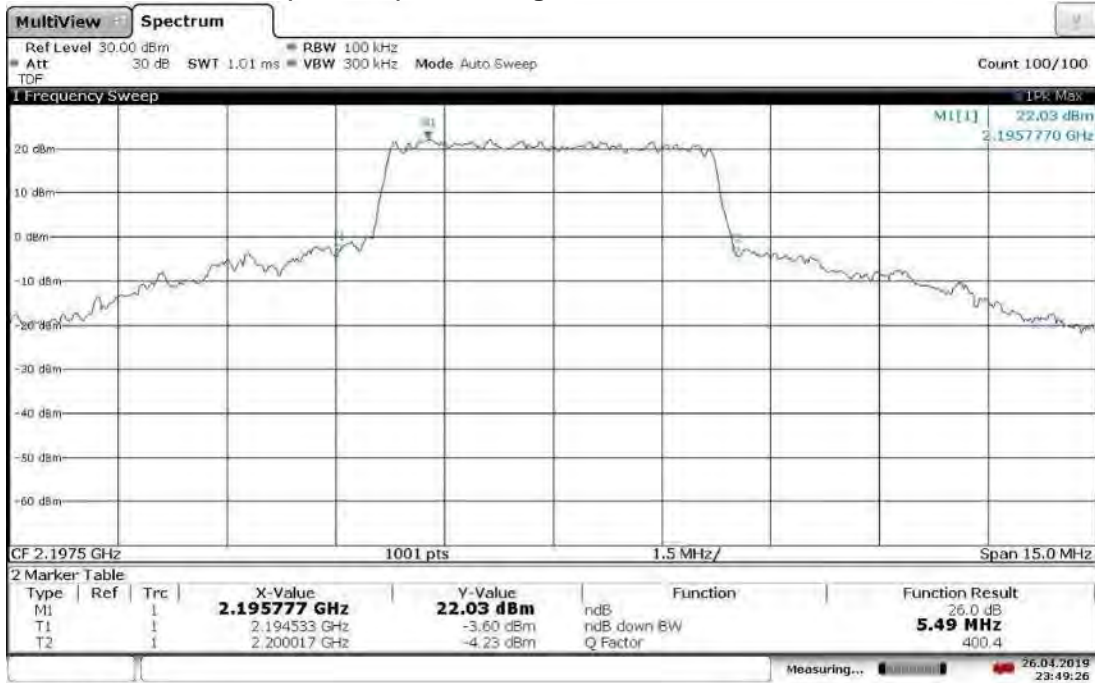
Slot 1 (Band 66), ANT0, High Channel 26 dB Bandwidth



23:25:25 26.04.2019

TM3.2-16QAM\_5 MHz Bandwidth

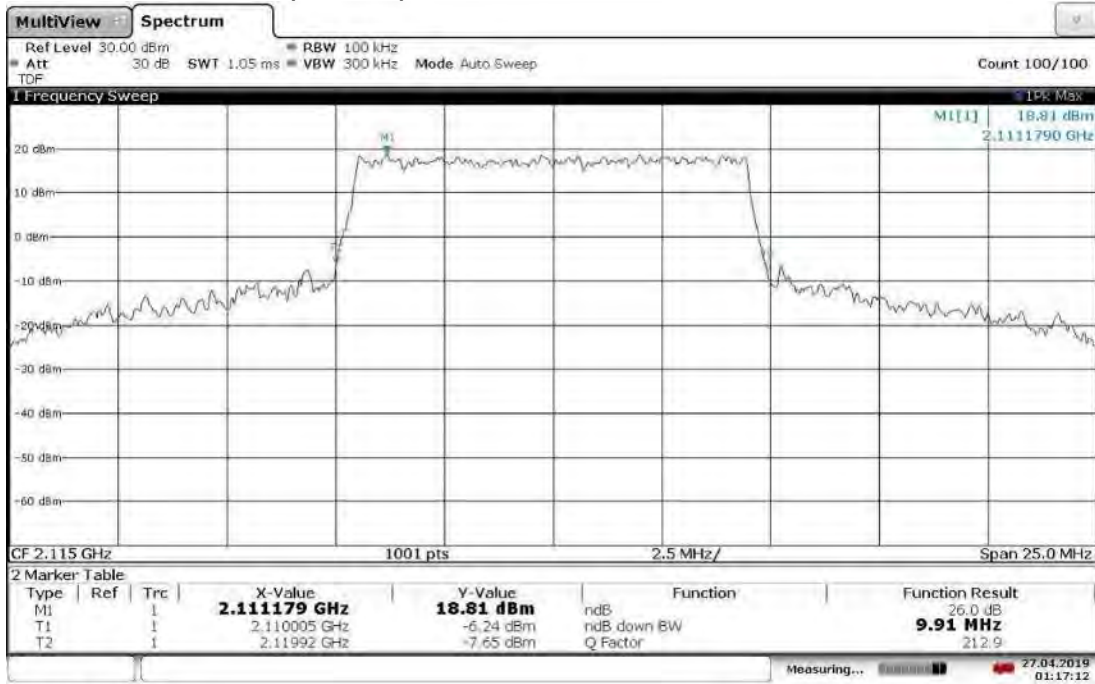
Slot 1 (Band 66), ANT1, High Channel 26 dB Bandwidth



23:49:26 26.04.2019

TM3.2-16QAM\_10 MHz Bandwidth

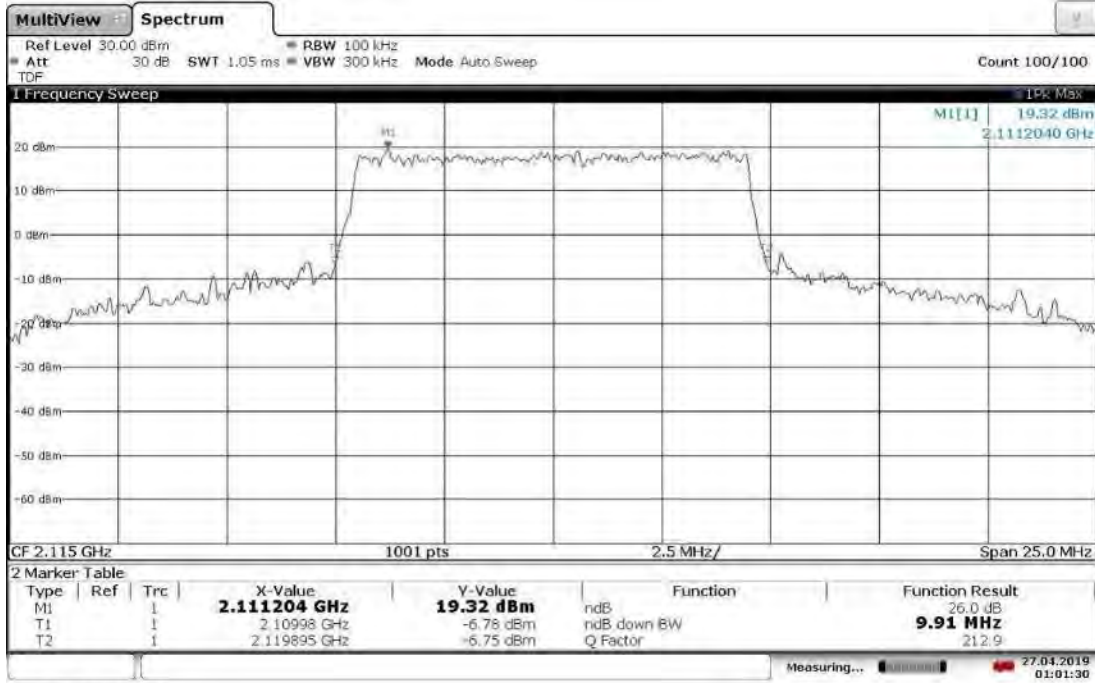
Slot 1 (Band 66), ANT0, Low Channel 26 dB Bandwidth



01:17:12 27.04.2019

TM3.2-16QAM\_10 MHz Bandwidth

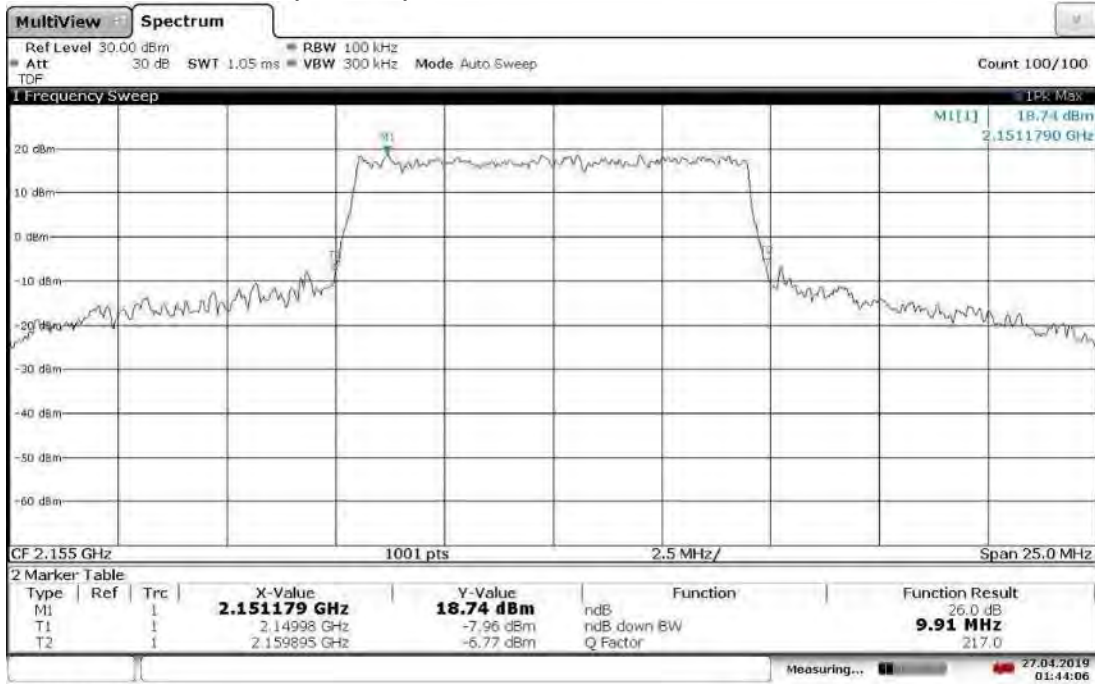
Slot 1 (Band 66), ANT1, Low Channel 26 dB Bandwidth



01:01:30 27.04.2019

TM3.2-16QAM\_10 MHz Bandwidth

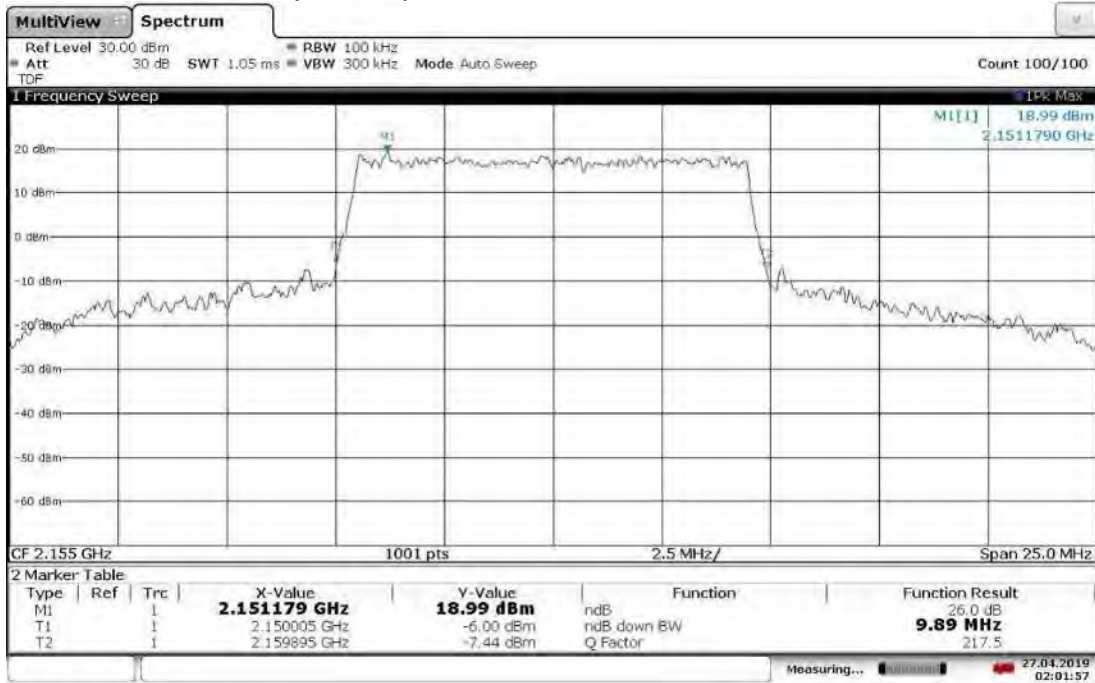
Slot 1 (Band 66), ANT0, Mid Channel 26 dB Bandwidth



01:44:06 27.04.2019

TM3.2-16QAM\_10 MHz Bandwidth

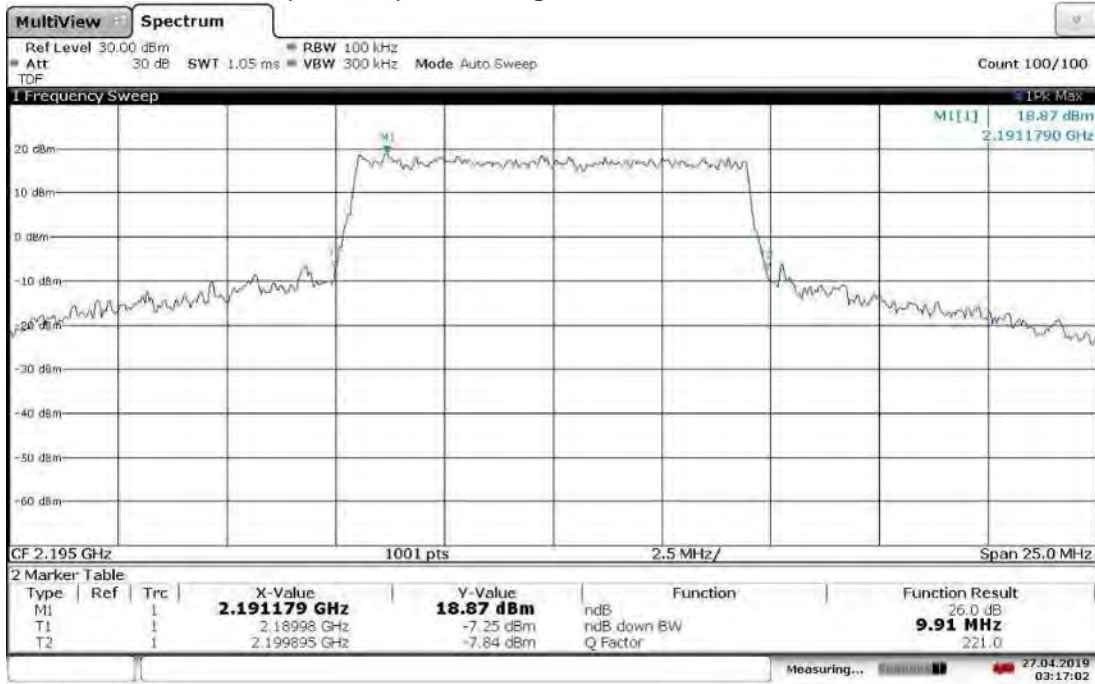
Slot 1 (Band 66), ANT1, Mid Channel 26 dB Bandwidth



02:01:57 27.04.2019

TM3.2-16QAM\_10 MHz Bandwidth

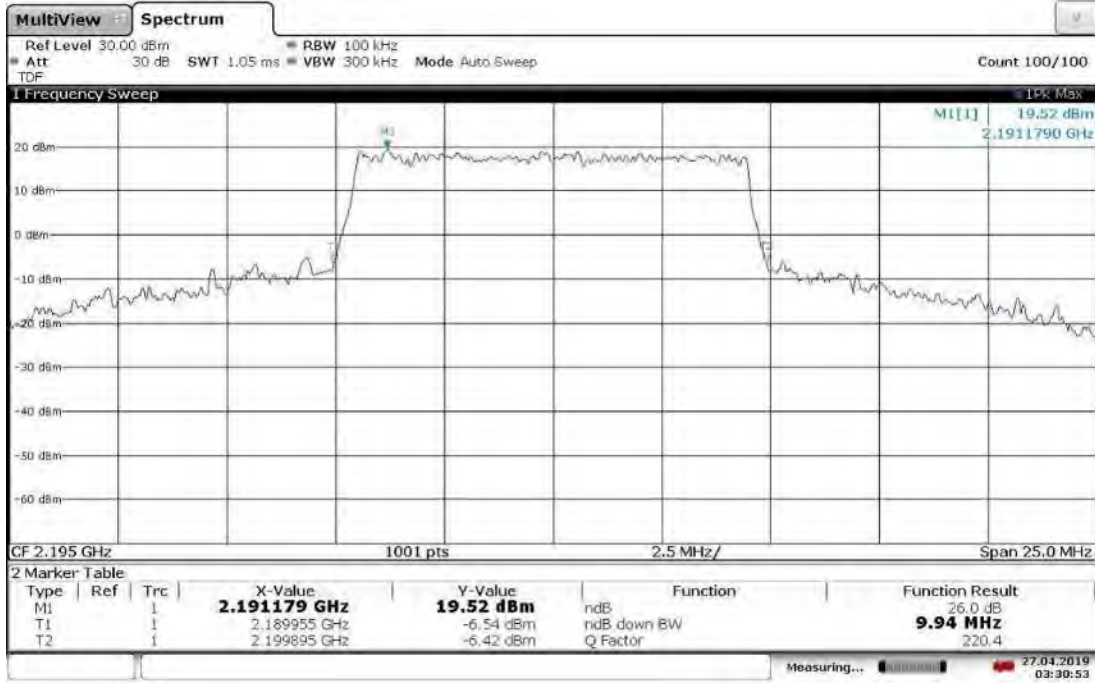
Slot 1 (Band 66), ANT0, High Channel 26 dB Bandwidth



03:17:03 27.04.2019

TM3.2-16QAM\_10 MHz Bandwidth

Slot 1 (Band 66), ANT1, High Channel 26 dB Bandwidth

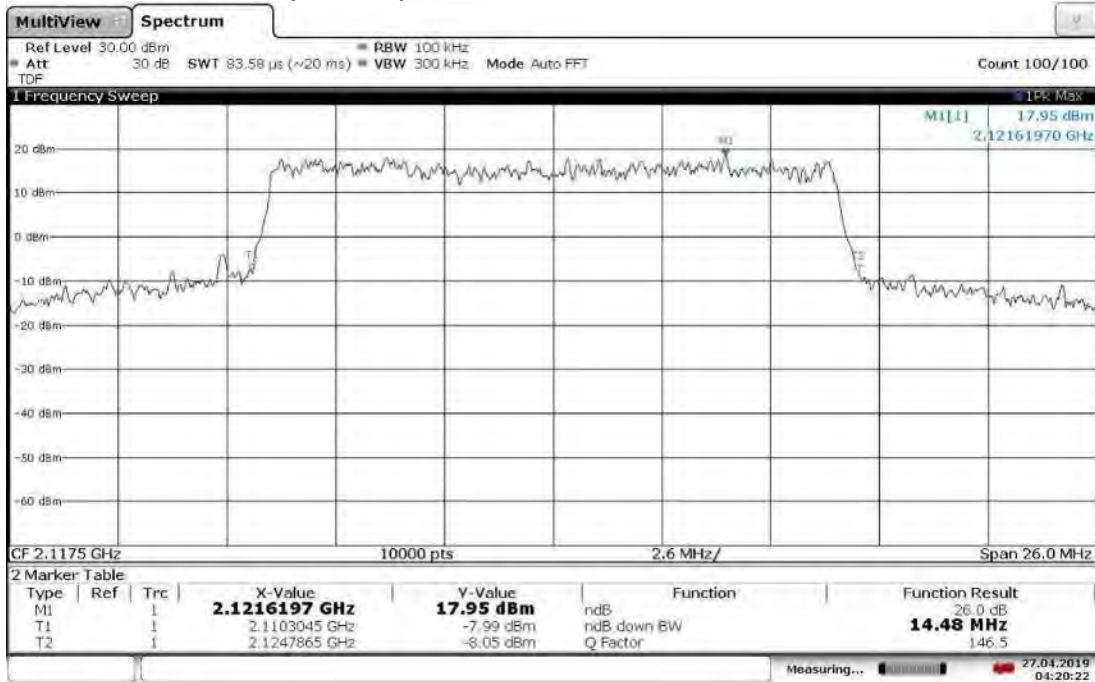


03:30:54 27.04.2019



TM3.2-16QAM\_15 MHz Bandwidth

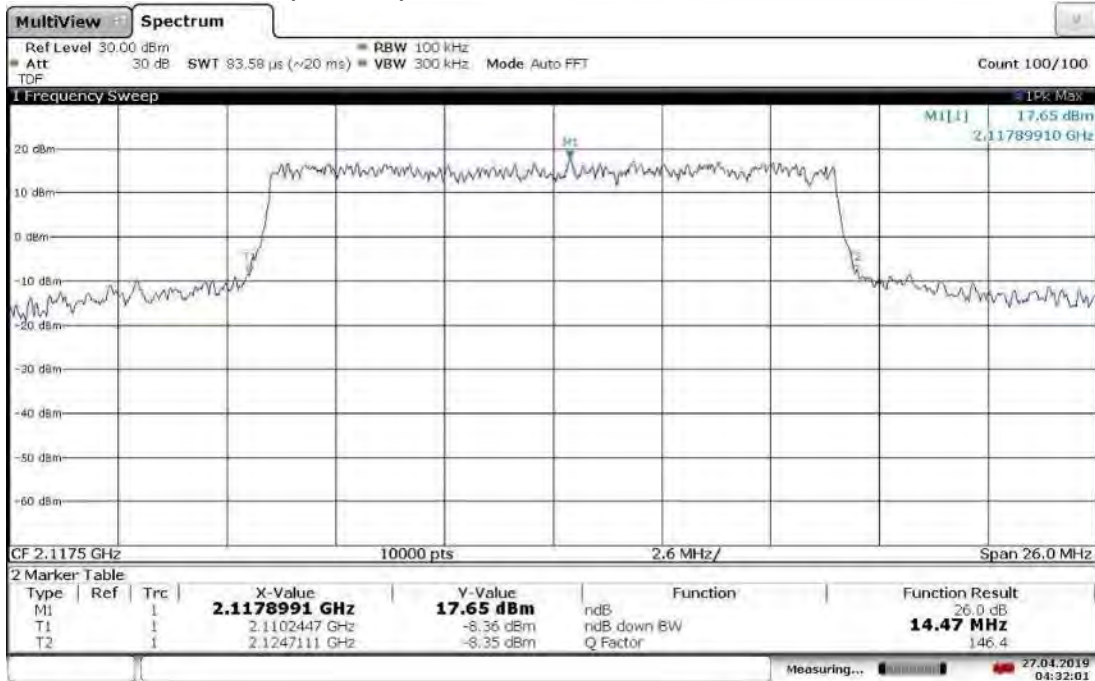
Slot 1 (Band 66), ANT0, Low Channel 26 dB Bandwidth



04:20:22 27.04.2019

TM3.2-16QAM\_15 MHz Bandwidth

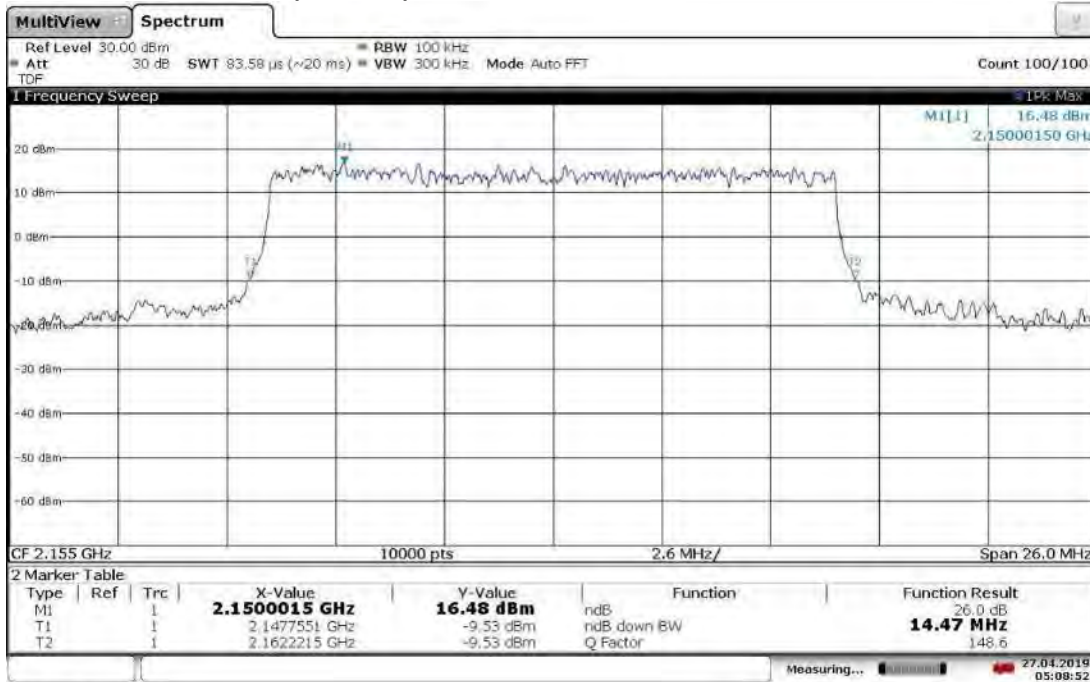
Slot 1 (Band 66), ANT1, Low Channel 26 dB Bandwidth



04:32:02 27.04.2019

TM3.2-16QAM\_15 MHz Bandwidth

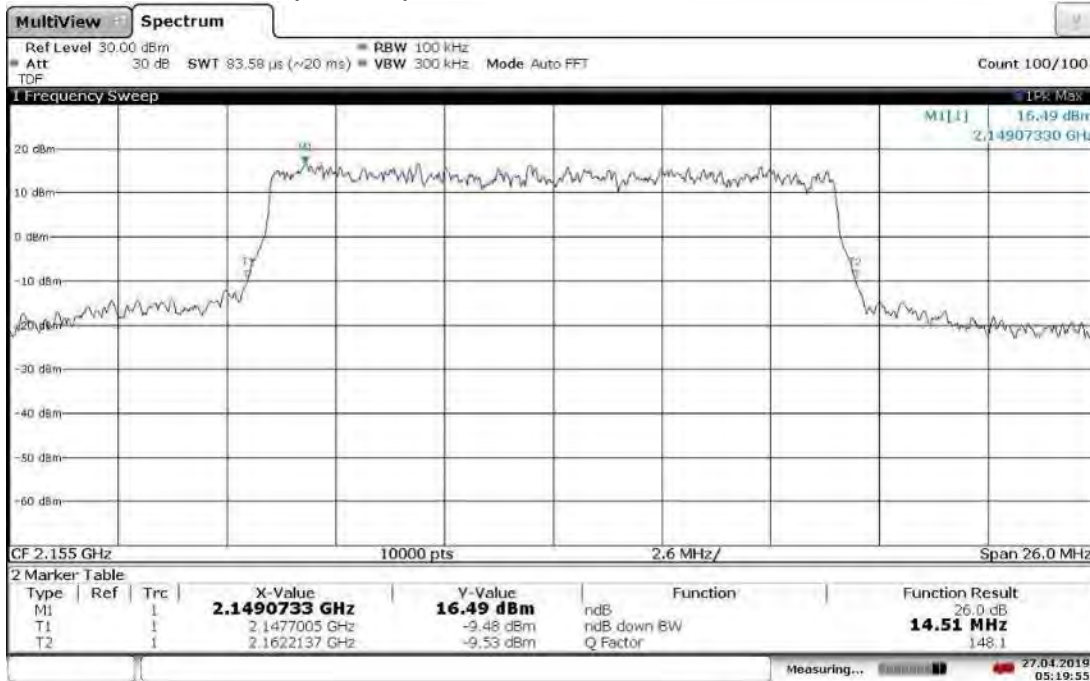
Slot 1 (Band 66), ANT0, Mid Channel 26 dB Bandwidth



05:08:52 27.04.2019

TM3.2-16QAM\_15 MHz Bandwidth

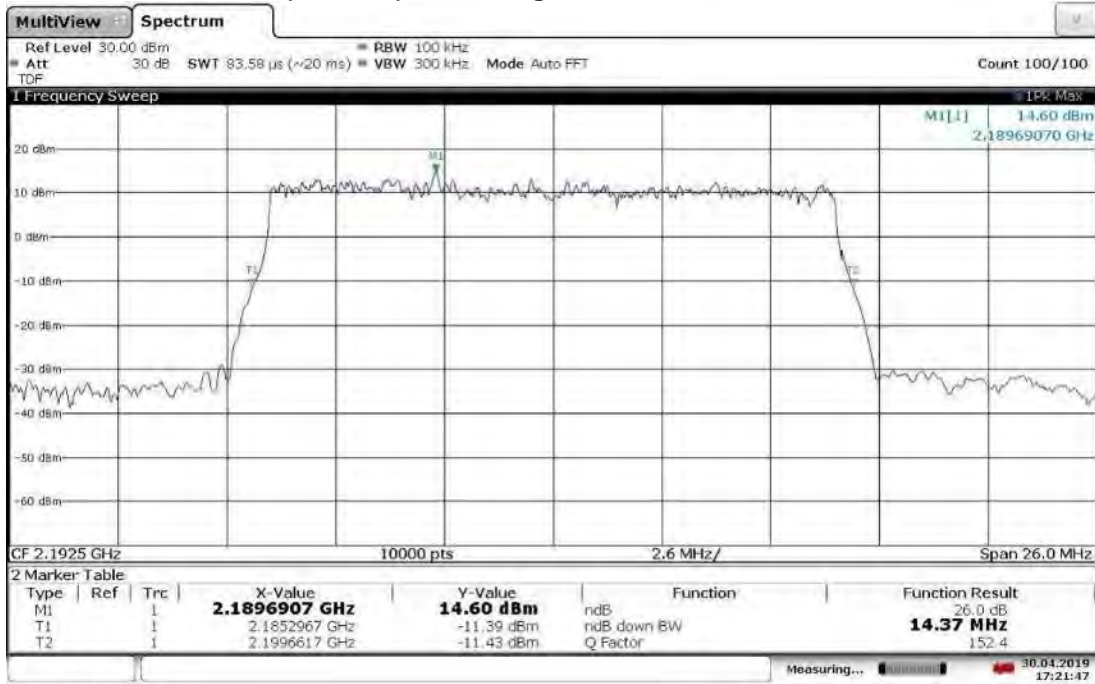
Slot 1 (Band 66), ANT1, Mid Channel 26 dB Bandwidth



05:19:55 27.04.2019

TM3.2-16QAM\_15 MHz Bandwidth

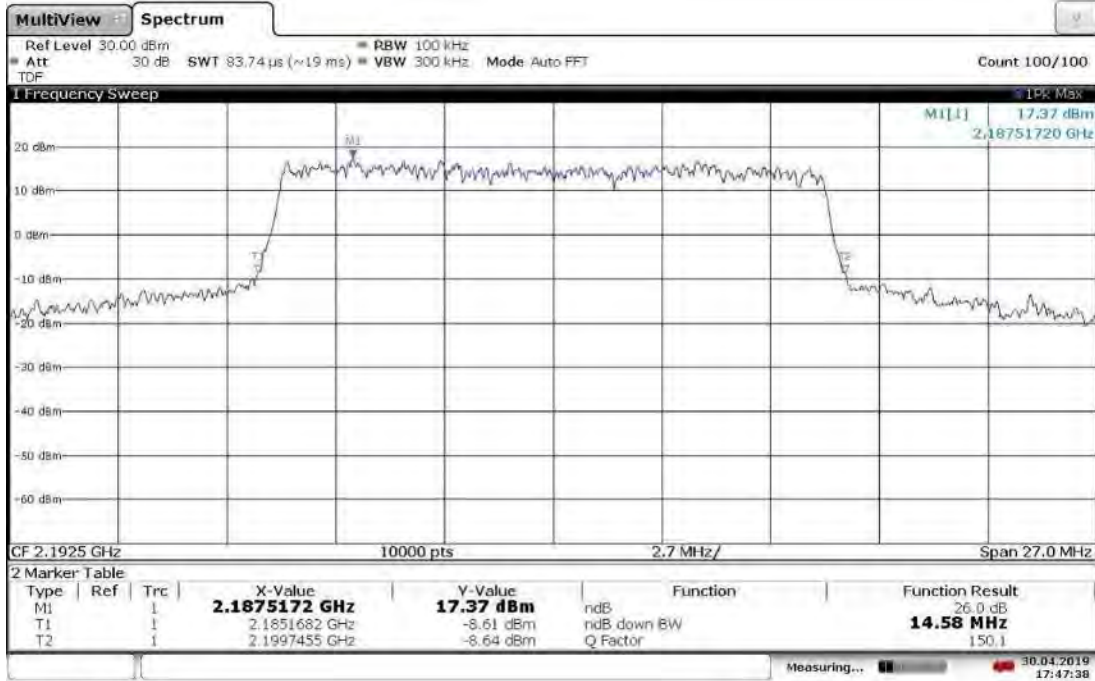
Slot 1 (Band 66), ANT0, High Channel 26 dB Bandwidth



17:21:48 30.04.2019

TM3.2-16QAM\_15 MHz Bandwidth

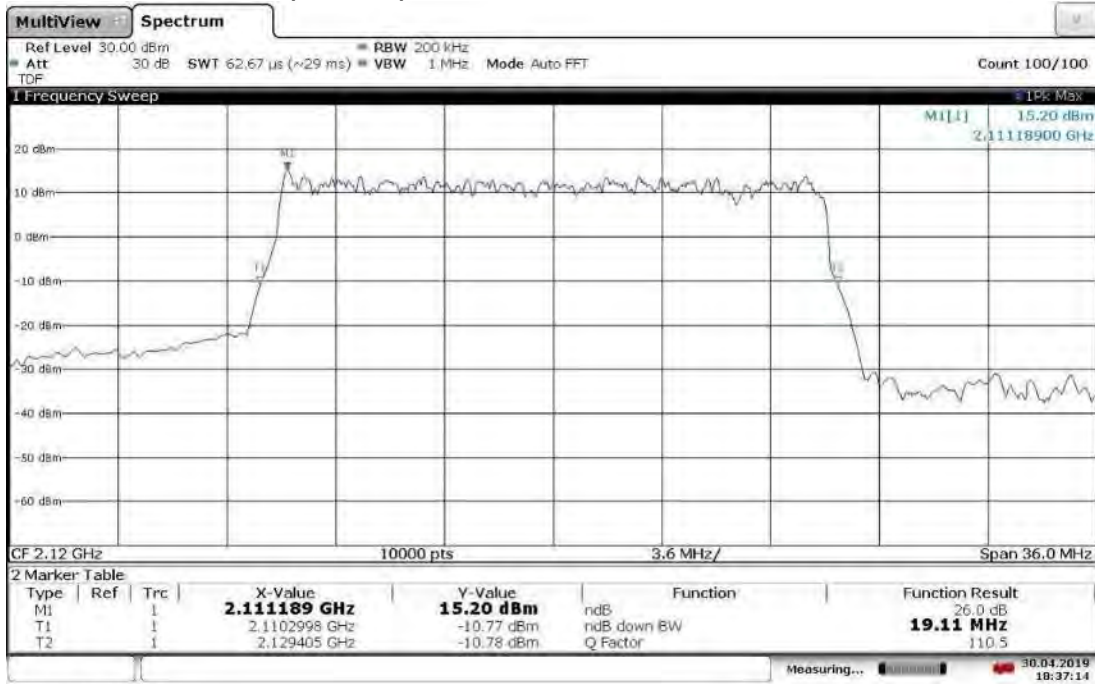
Slot 1 (Band 66), ANT1, High Channel 26 dB Bandwidth



17:47:38 30.04.2019

TM3.2-16QAM\_20 MHz Bandwidth

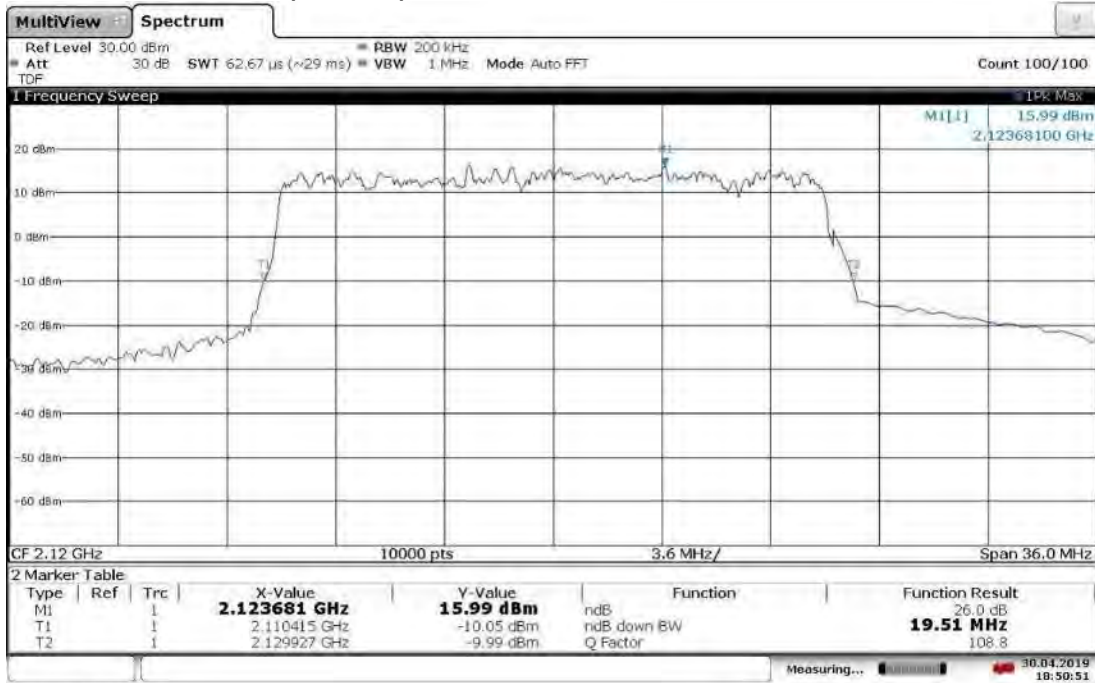
Slot 1 (Band 66), ANT0, Low Channel 26 dB Bandwidth



18:37:15 30.04.2019

TM3.2-16QAM\_20 MHz Bandwidth

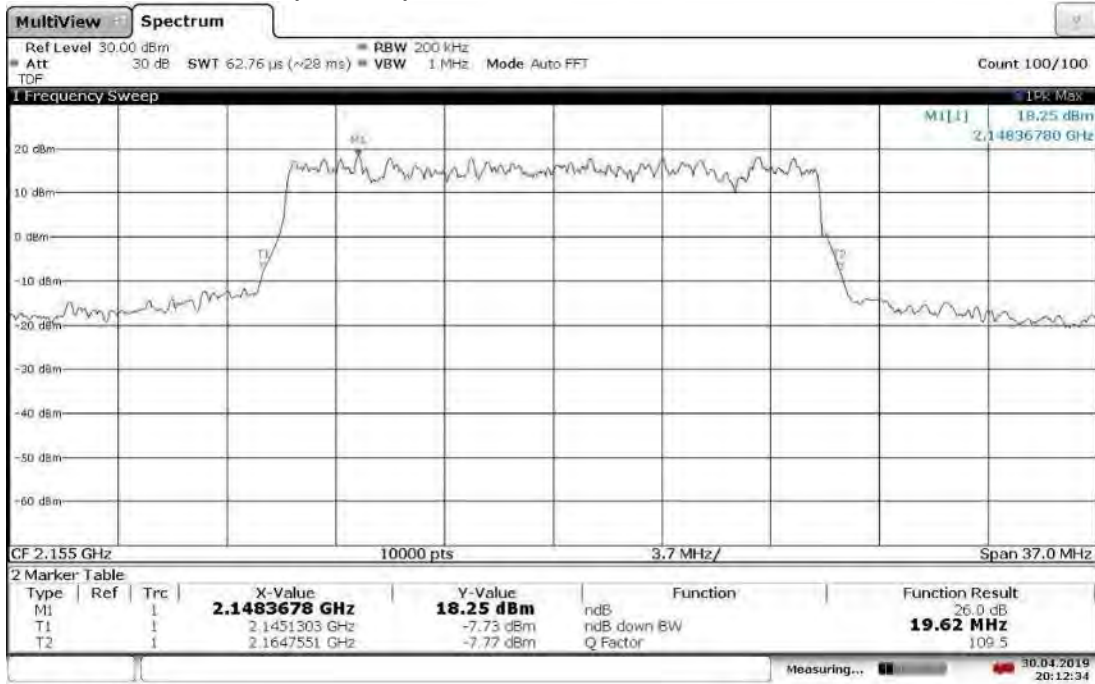
Slot 1 (Band 66), ANT1, Low Channel 26 dB Bandwidth



18:50:52 30.04.2019

TM3.2-16QAM\_20 MHz Bandwidth

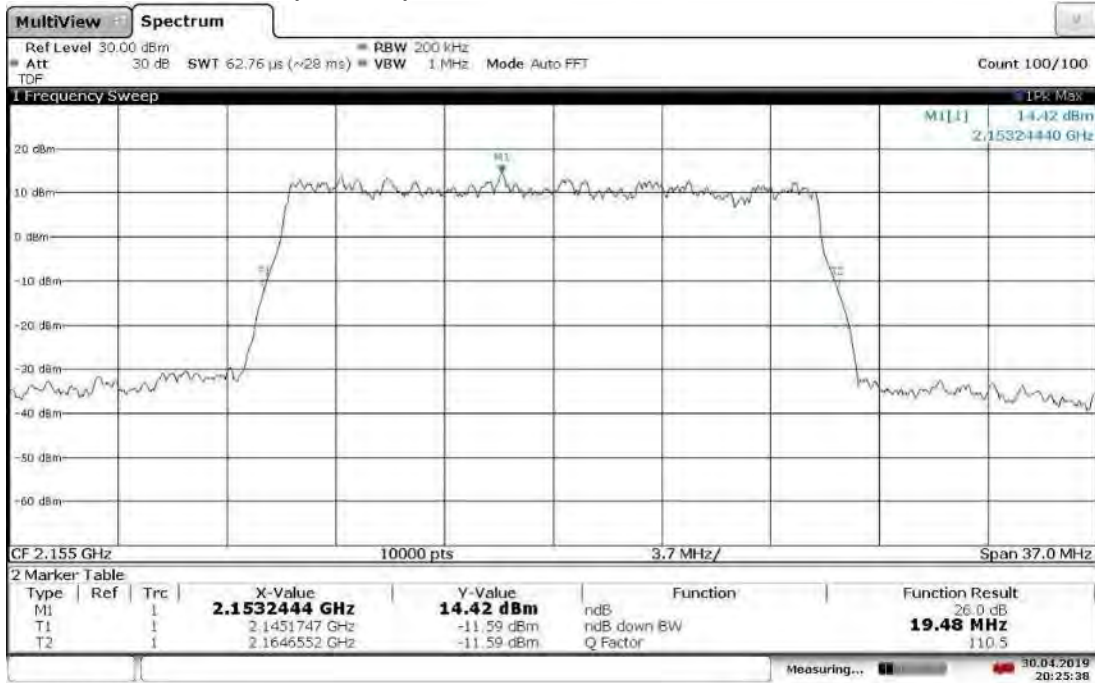
Slot 1 (Band 66), ANT0, Mid Channel 26 dB Bandwidth



20:12:34 30.04.2019

TM3.2-16QAM\_20 MHz Bandwidth

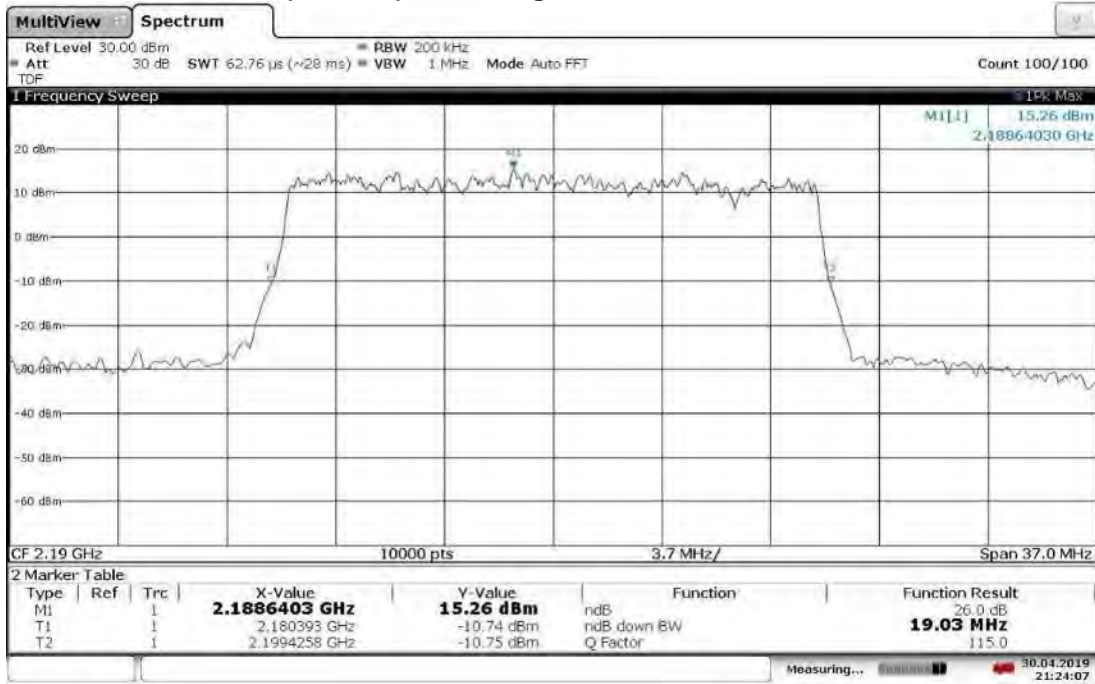
Slot 1 (Band 66), ANT1, Mid Channel 26 dB Bandwidth



20:25:38 30.04.2019

TM3.2-16QAM\_20 MHz Bandwidth

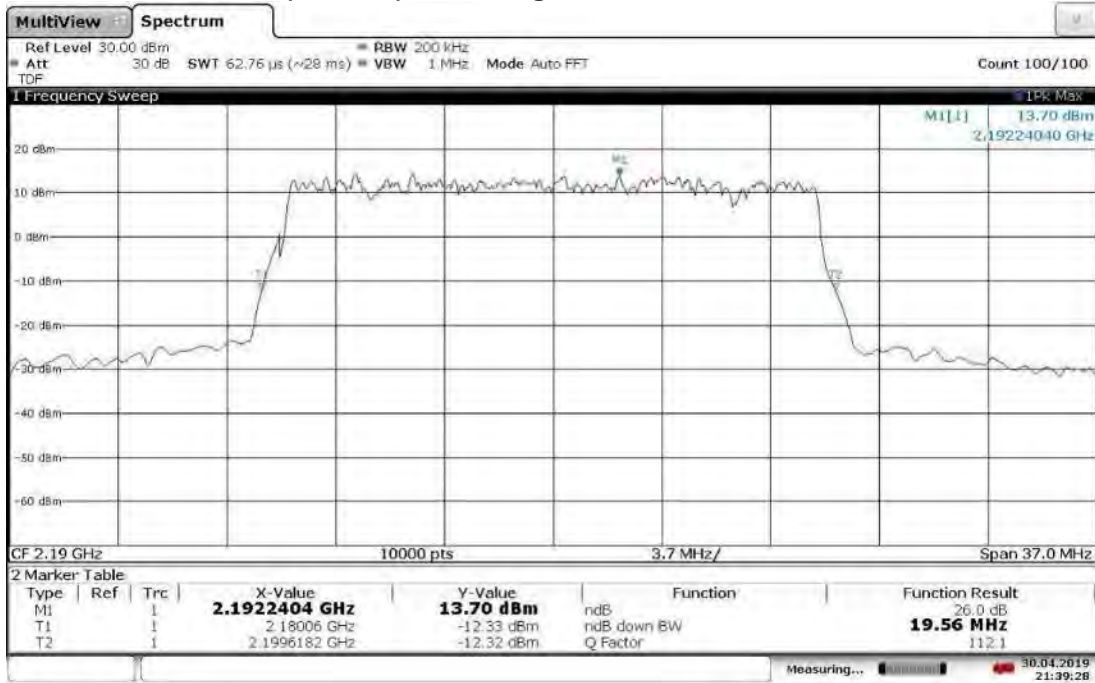
Slot 1 (Band 66), ANT0, High Channel 26 dB Bandwidth



21:24:08 30.04.2019

TM3.2-16QAM\_20 MHz Bandwidth

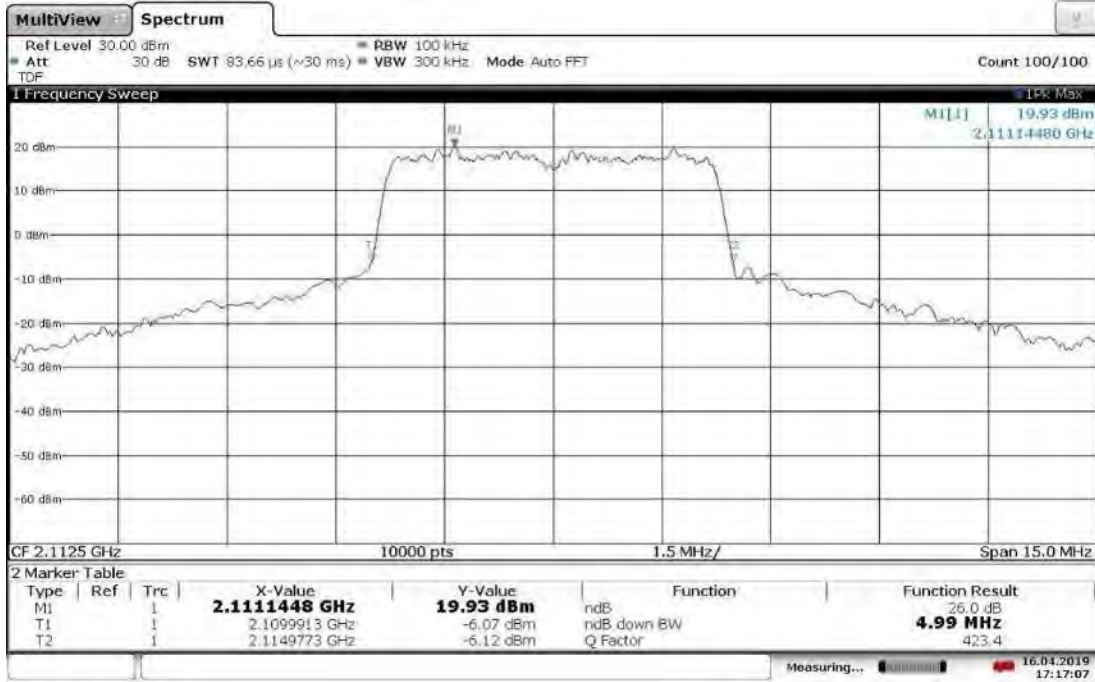
Slot 1 (Band 66), ANT1, High Channel 26 dB Bandwidth



21:39:29 30.04.2019

TM3.1-64QAM\_5 MHz Bandwidth

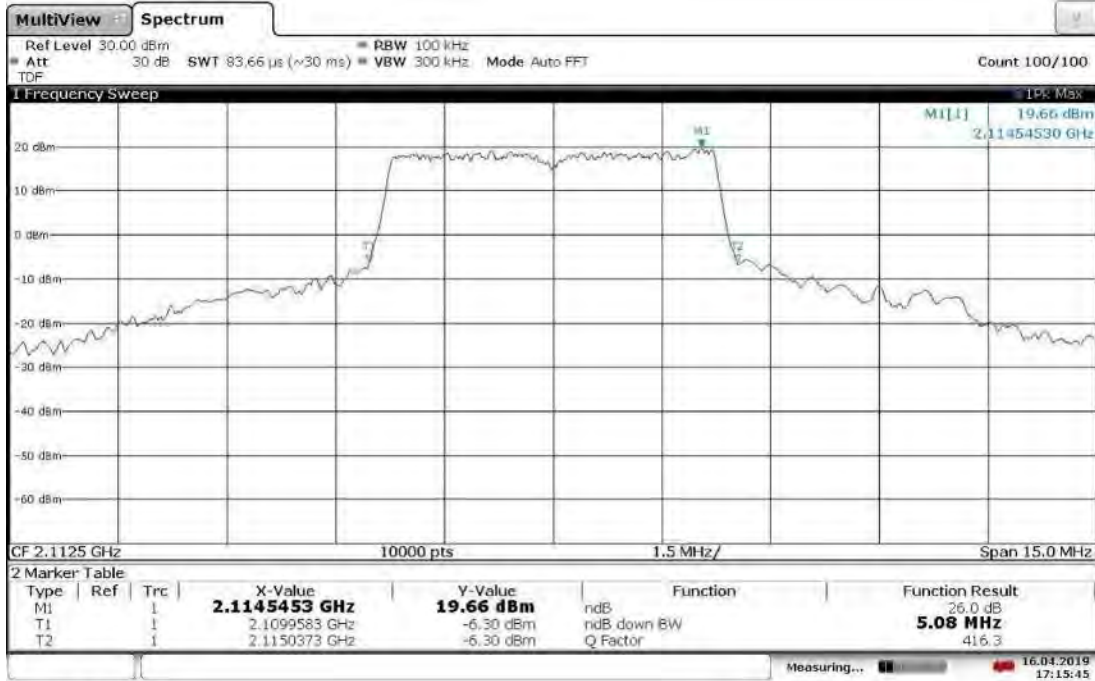
Slot 1 (Band 66), ANT0, Low Channel 26 dB Bandwidth



17:17:08 16.04.2019

TM3.1-64QAM\_5 MHz Bandwidth

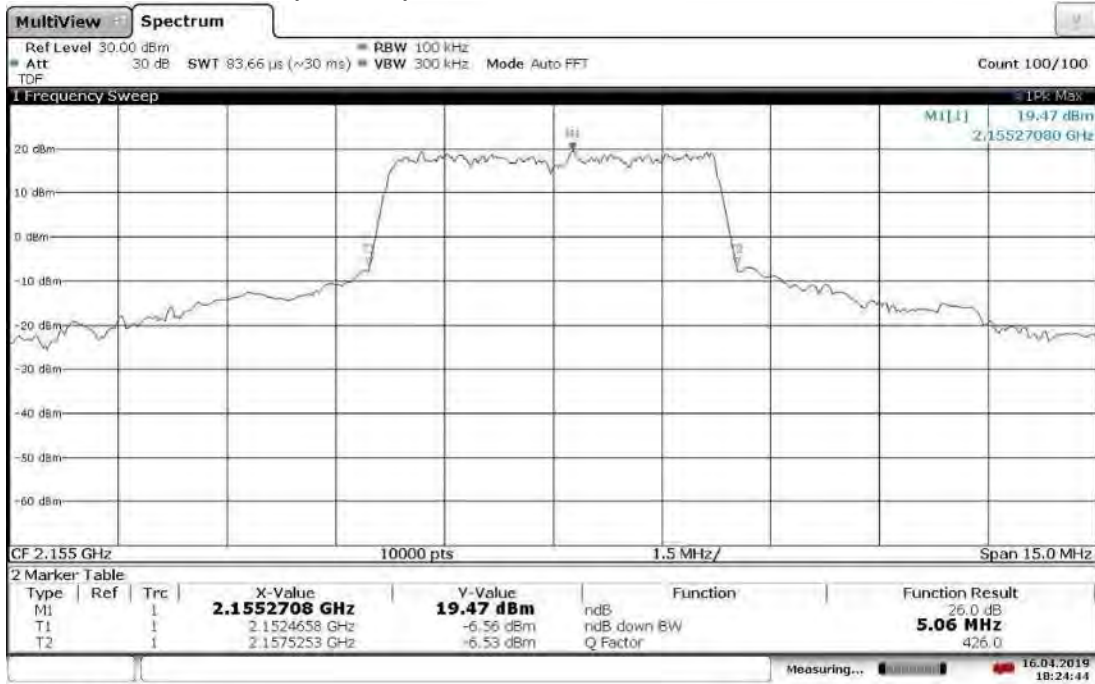
Slot 1 (Band 66), ANT1, Low Channel 26 dB Bandwidth



17:15:45 16.04.2019

TM3.1-64QAM\_5 MHz Bandwidth

Slot 1 (Band 66), ANT0, Mid Channel 26 dB Bandwidth



18:24:45 16.04.2019

TM3.1-64QAM\_5 MHz Bandwidth

Slot 1 (Band 66), ANT1, Mid Channel 26 dB Bandwidth

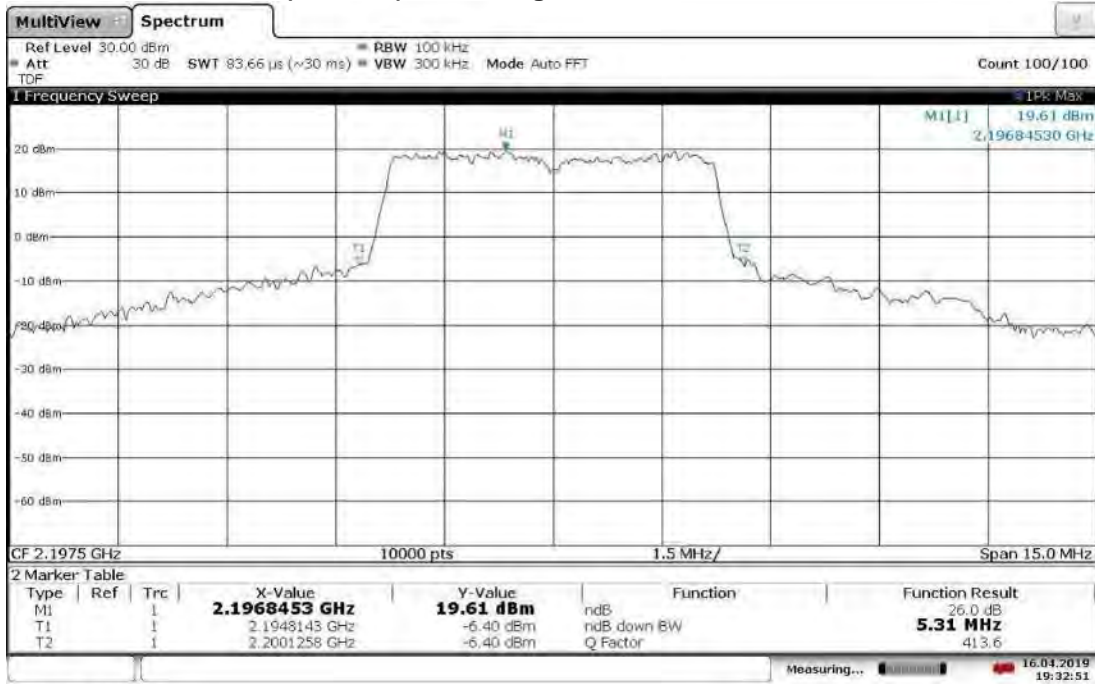


18:23:00 16.04.2019



TM3.1-64QAM\_5 MHz Bandwidth

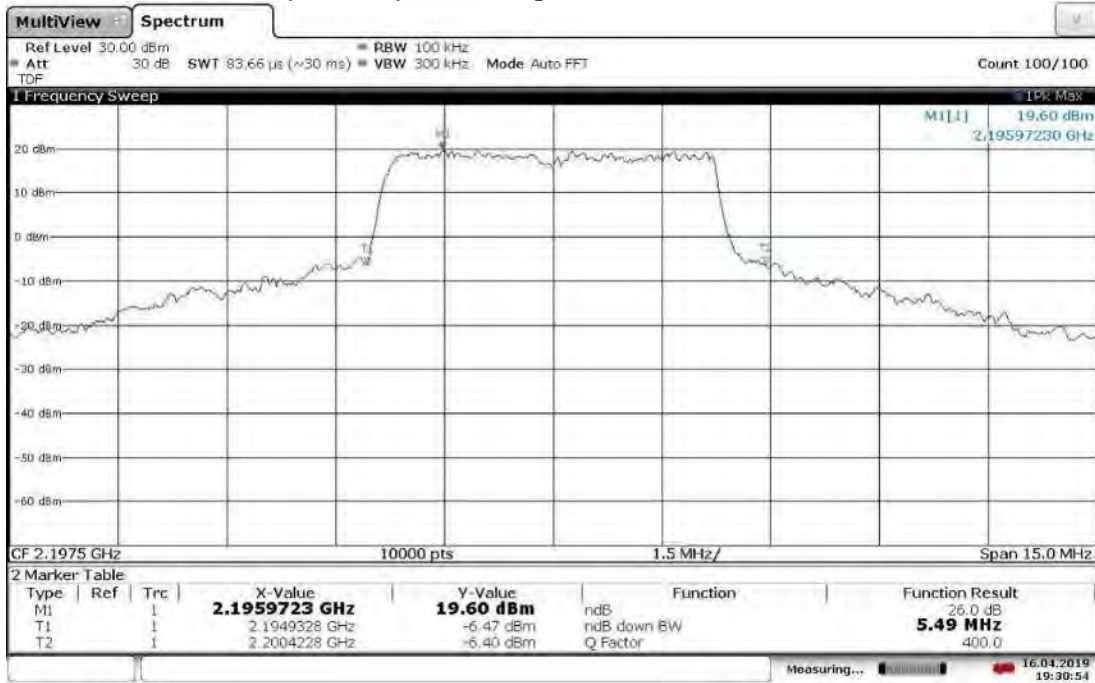
Slot 1 (Band 66), ANT0, High Channel 26 dB Bandwidth



19:32:51 16.04.2019

TM3.1-64QAM\_5 MHz Bandwidth

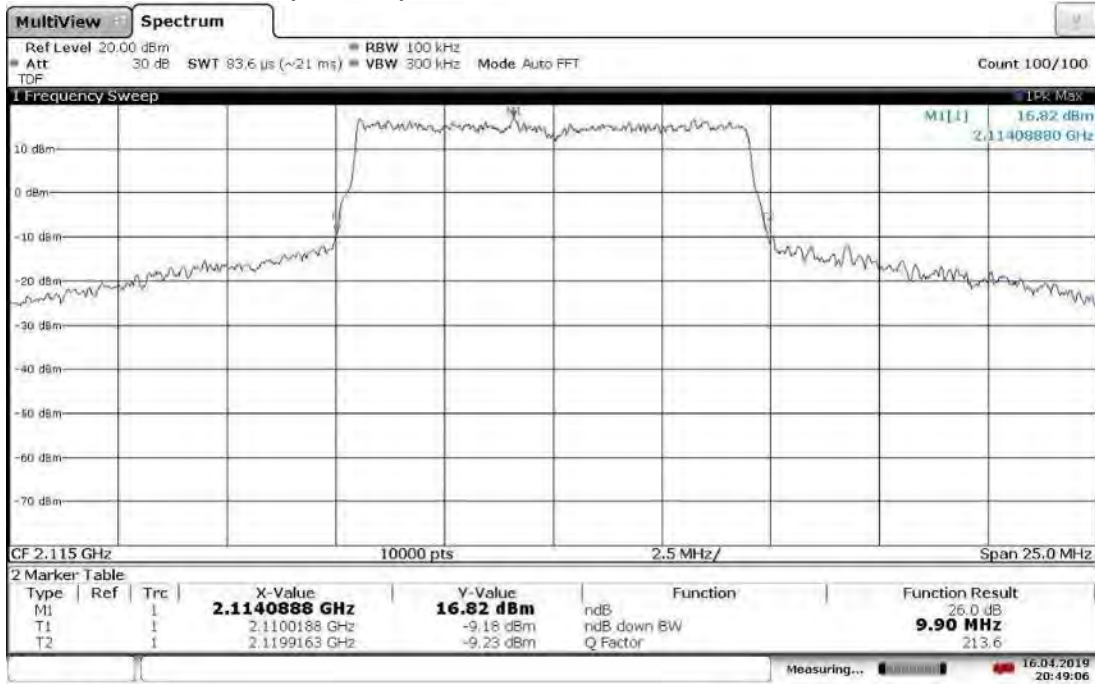
Slot 1 (Band 66), ANT1, High Channel 26 dB Bandwidth



19:30:54 16.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

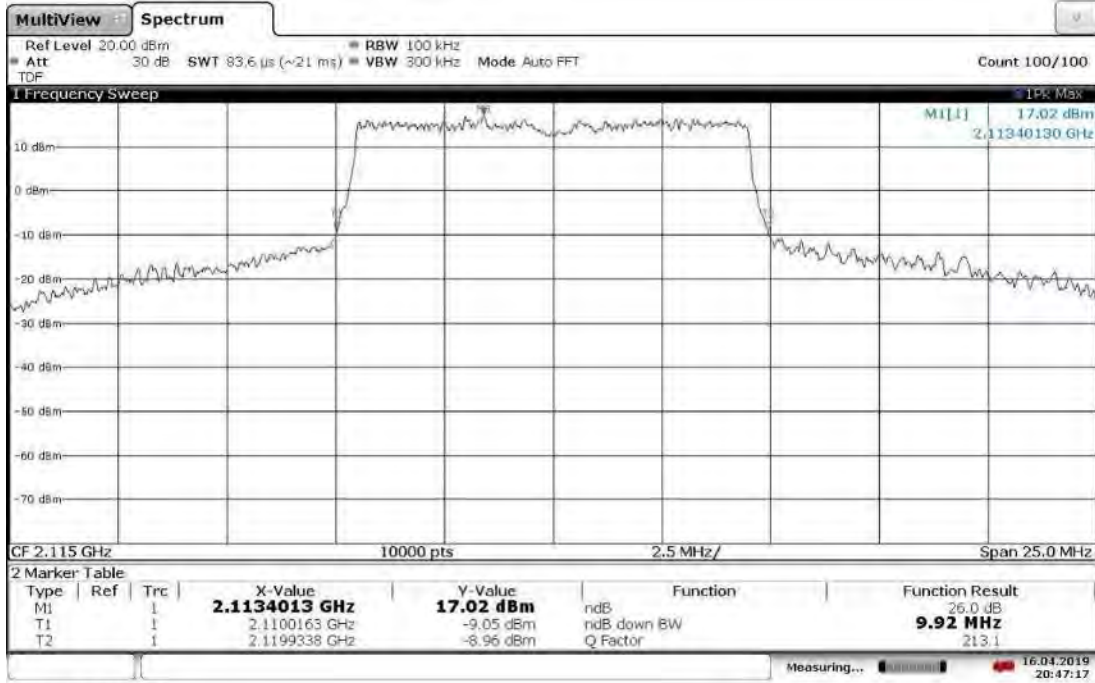
Slot 1 (Band 66), ANT0, Low Channel 26 dB Bandwidth



20:49:06 16.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

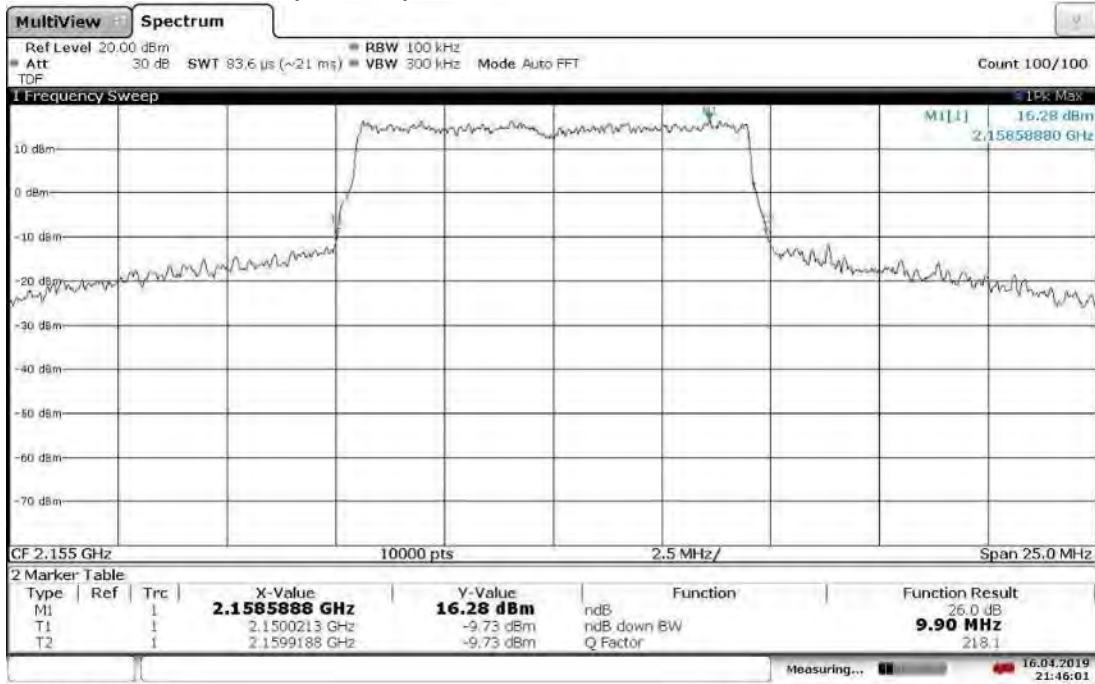
Slot 1 (Band 66), ANT1, Low Channel 26 dB Bandwidth



20:47:18 16.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

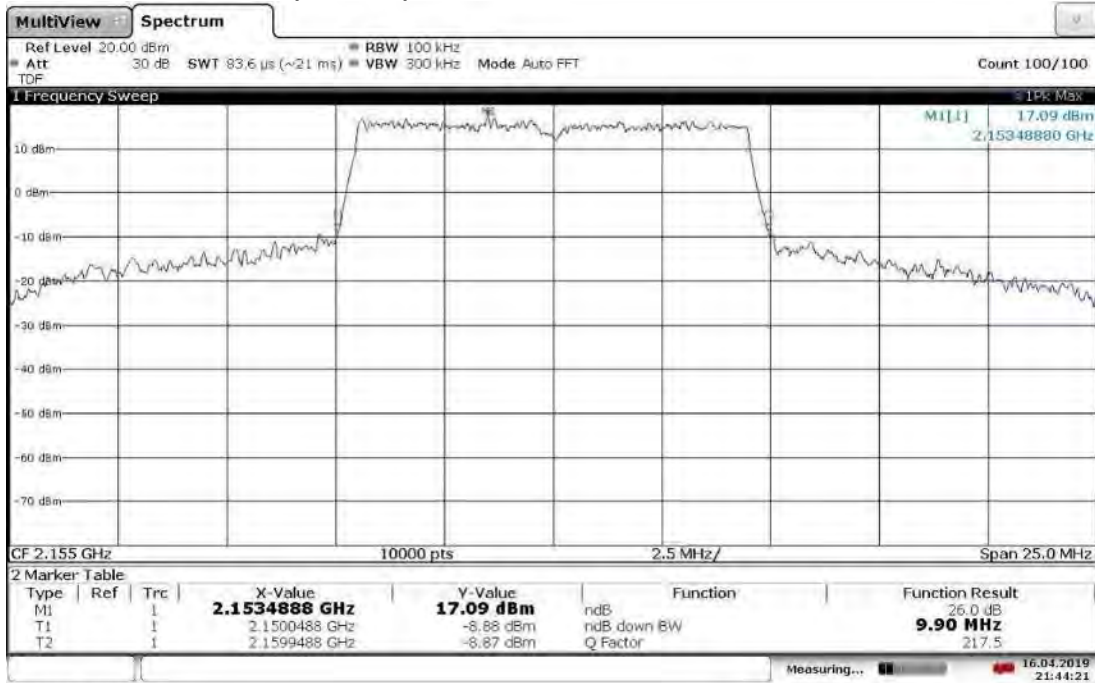
Slot 1 (Band 66), ANT0, Mid Channel 26 dB Bandwidth



21:46:02 16.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

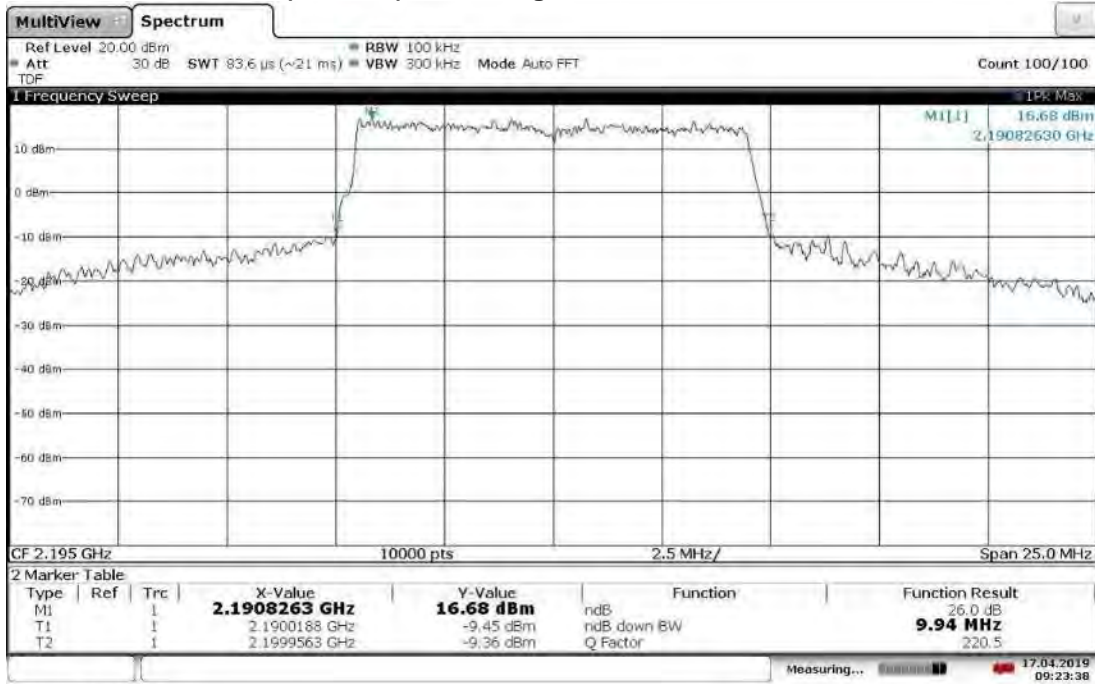
Slot 1 (Band 66), ANT1, Mid Channel 26 dB Bandwidth



21:44:22 16.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

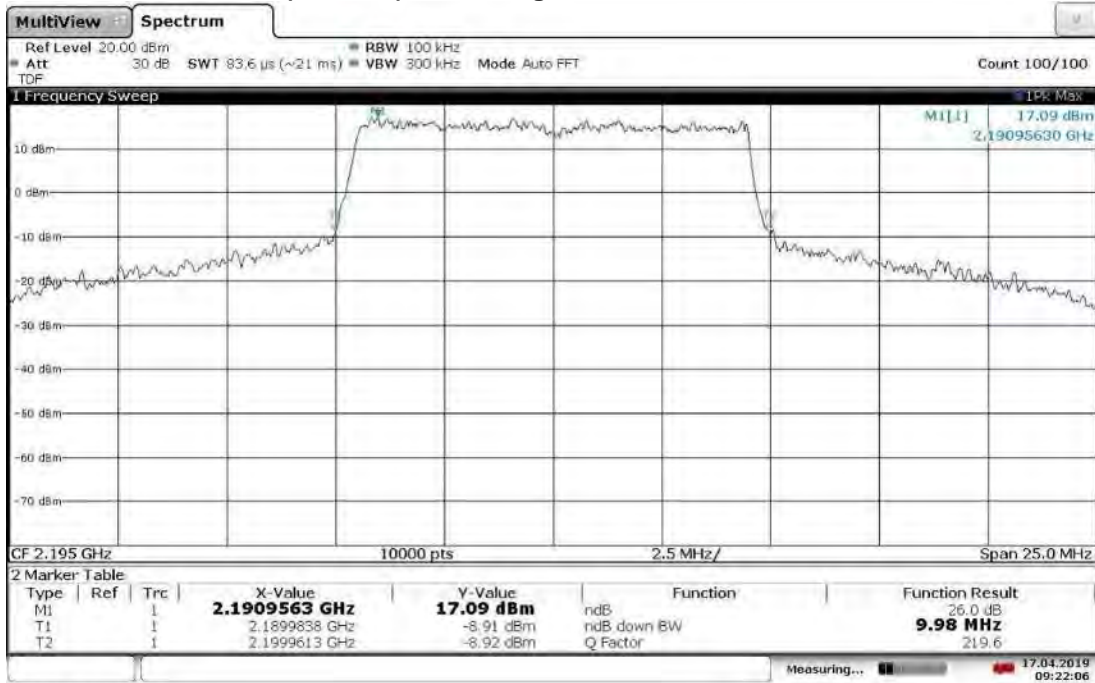
Slot 1 (Band 66), ANT0, High Channel 26 dB Bandwidth



09:23:38 17.04.2019

TM3.1-64QAM\_10 MHz Bandwidth

Slot 1 (Band 66), ANT1, High Channel 26 dB Bandwidth



09:22:06 17.04.2019