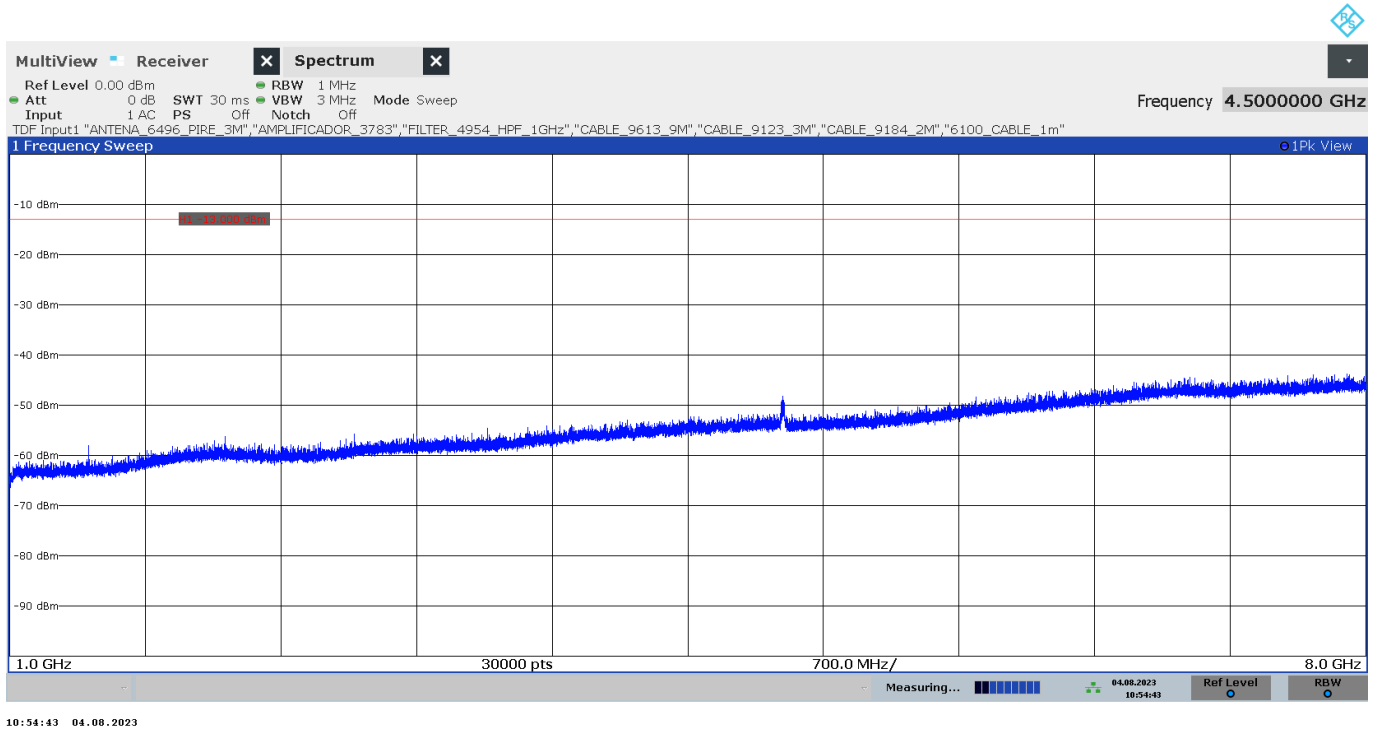
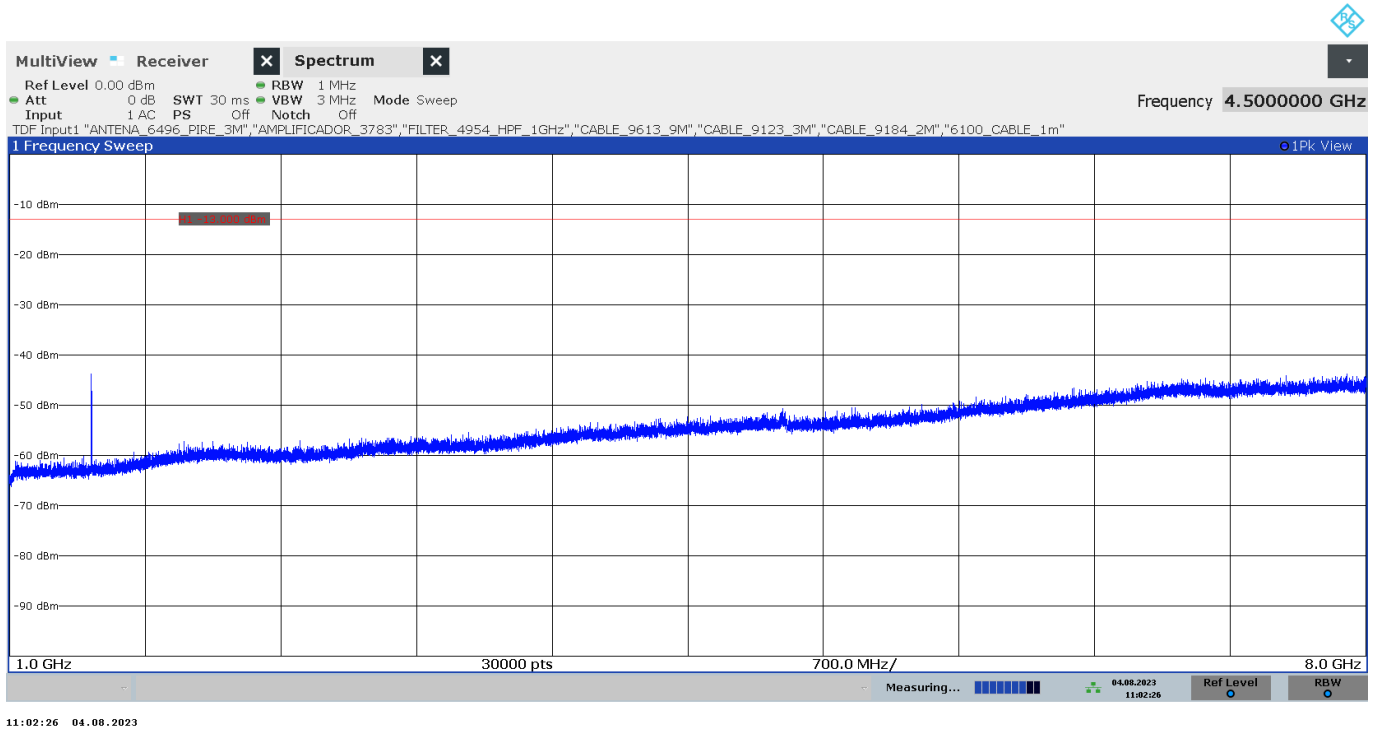


### FREQUENCY RANGE 1 GHz - 8 GHz

- LOW CHANNEL:



- HIGH CHANNEL:



### **LTE Cat-4 Band 13:**

A preliminary scan determined the QPSK, BW=10 MHz, RB=1, Offset=24 as the worst case. The next results are for this worst-case configuration.

#### **- MIDDLE CHANNEL:**

##### **Frequency range 30 MHz - 1 GHz:**

No spurious frequencies at less than 20 dB below the limit.

##### **Frequency range 1 - 8 GHz:**

No spurious frequencies at less than 20 dB below the limit.

##### **Frequency range 763 - 775 MHz:**

No spurious frequencies at less than 20 dB below the limit.

##### **Frequency range 793 - 806 MHz:**

No spurious frequencies at less than 20 dB below the limit.

##### **Frequency range 1559 - 1610 MHz:**

Spurious frequencies at less than 20 dB below the limit:

Spurious frequency (MHz)	E.I.R.P (dBm)	E.R.P (dBm)	Polarization	Detector
1563.9989	-51.17	-53.32	V	Peak

Measurement uncertainty (dB) <  $\pm 5.35$  for  $f < 1$  GHz  
<  $\pm 4.32$  for  $f \geq 1$  GHz up to 8 GHz

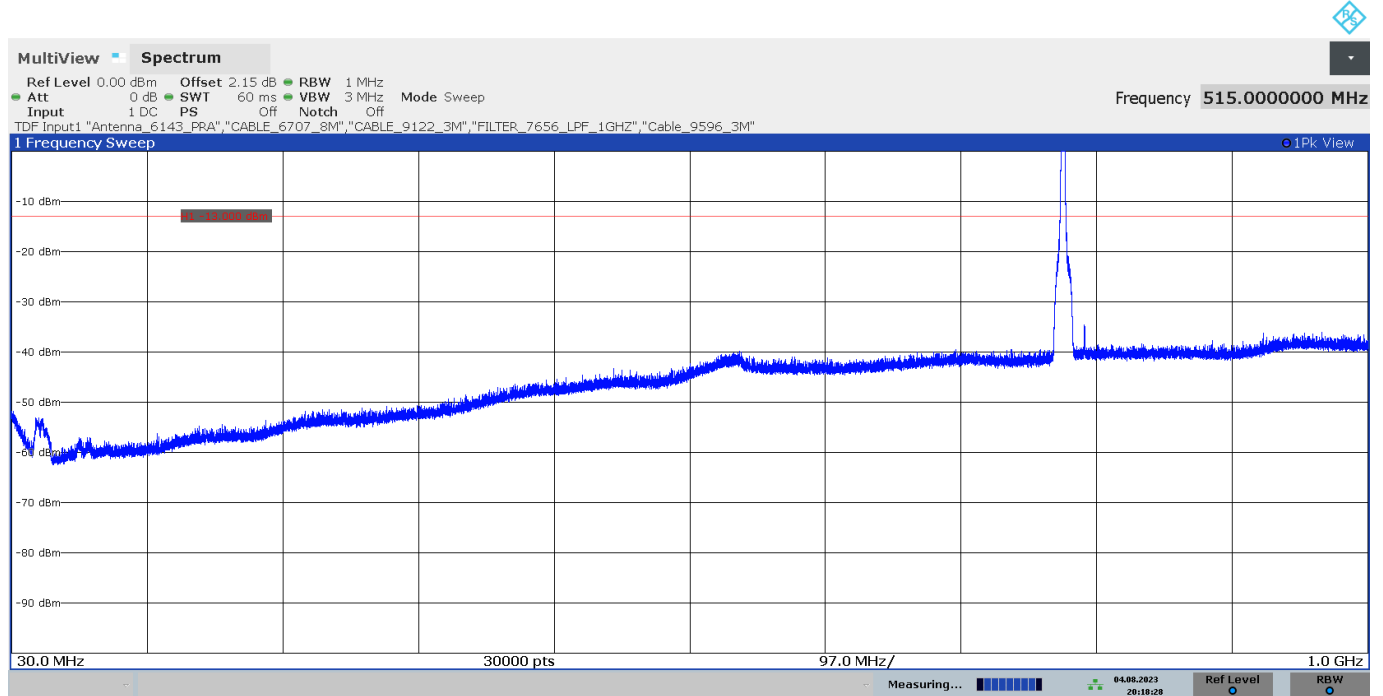
### **Verdict**

Pass

**LTE Cat-4 Band 13:**

**FREQUENCY RANGE 30 MHz - 1 GHz:**

- MIDDLE CHANNEL:

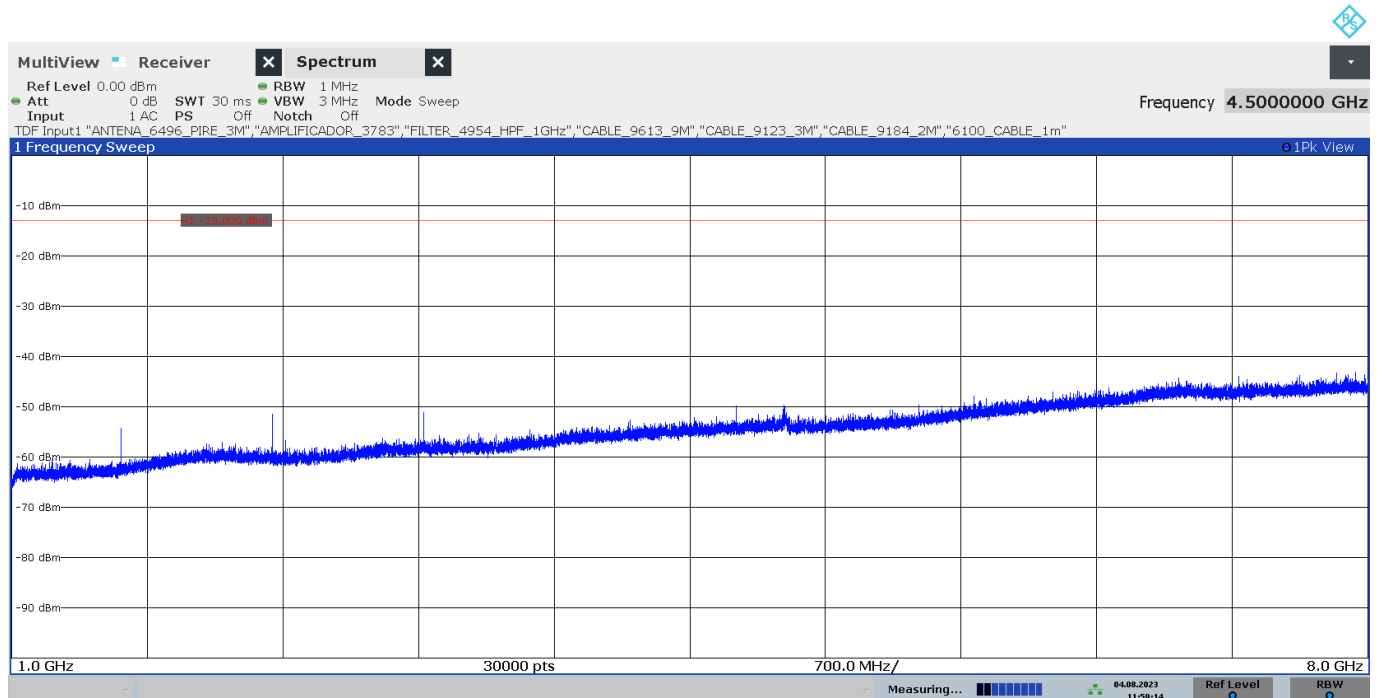


20:18:29 04.08.2023

The peak above the limit is the carrier frequency.

**FREQUENCY RANGE 1 - 8 GHz:**

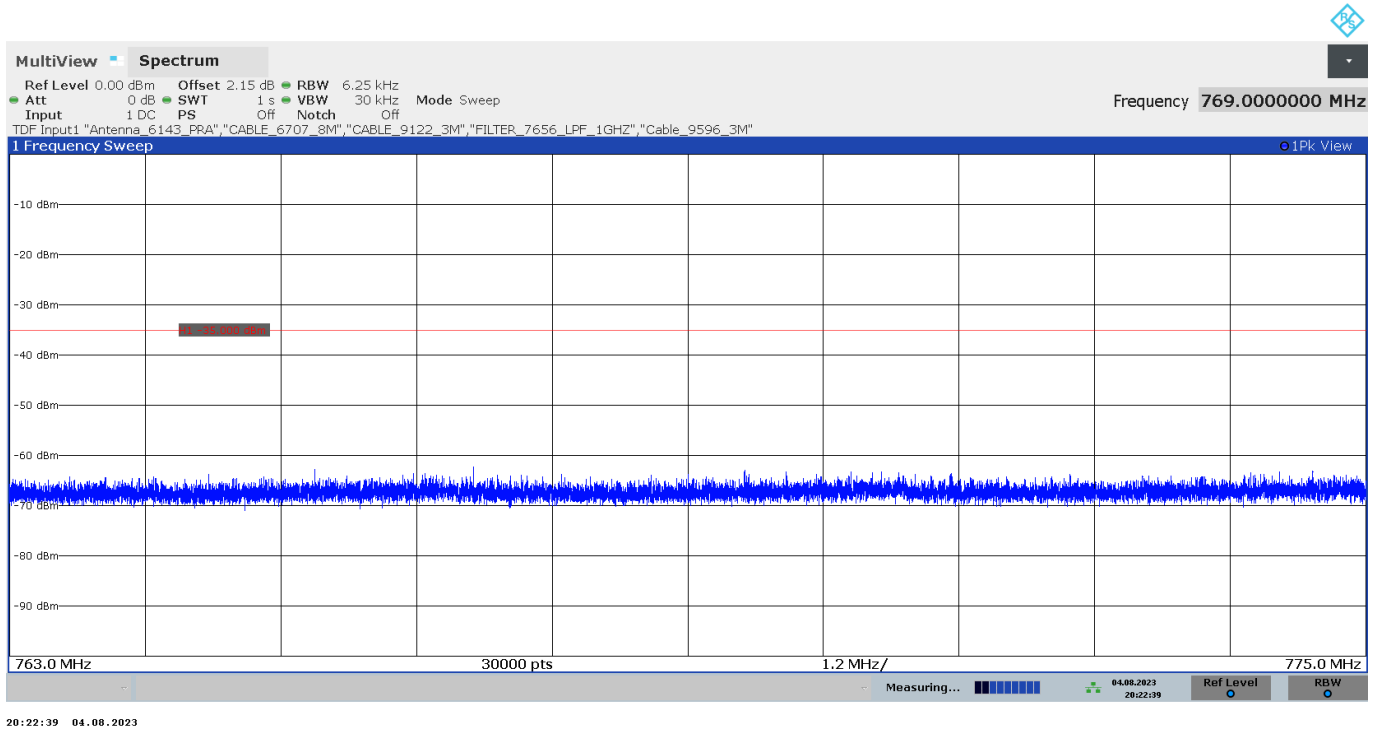
- MIDDLE CHANNEL:



11:59:14 04.08.2023

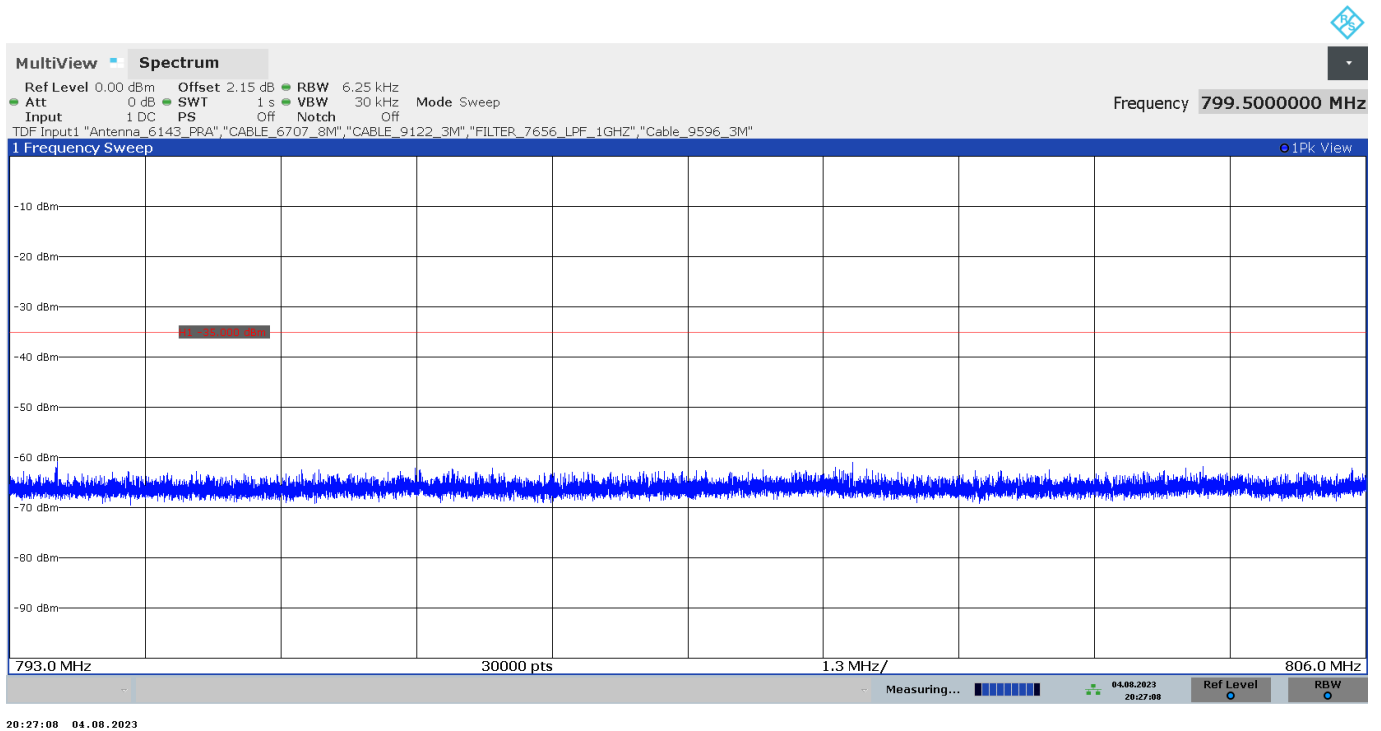
### FREQUENCY RANGE 763 - 775 MHz:

- MIDDLE CHANNEL:



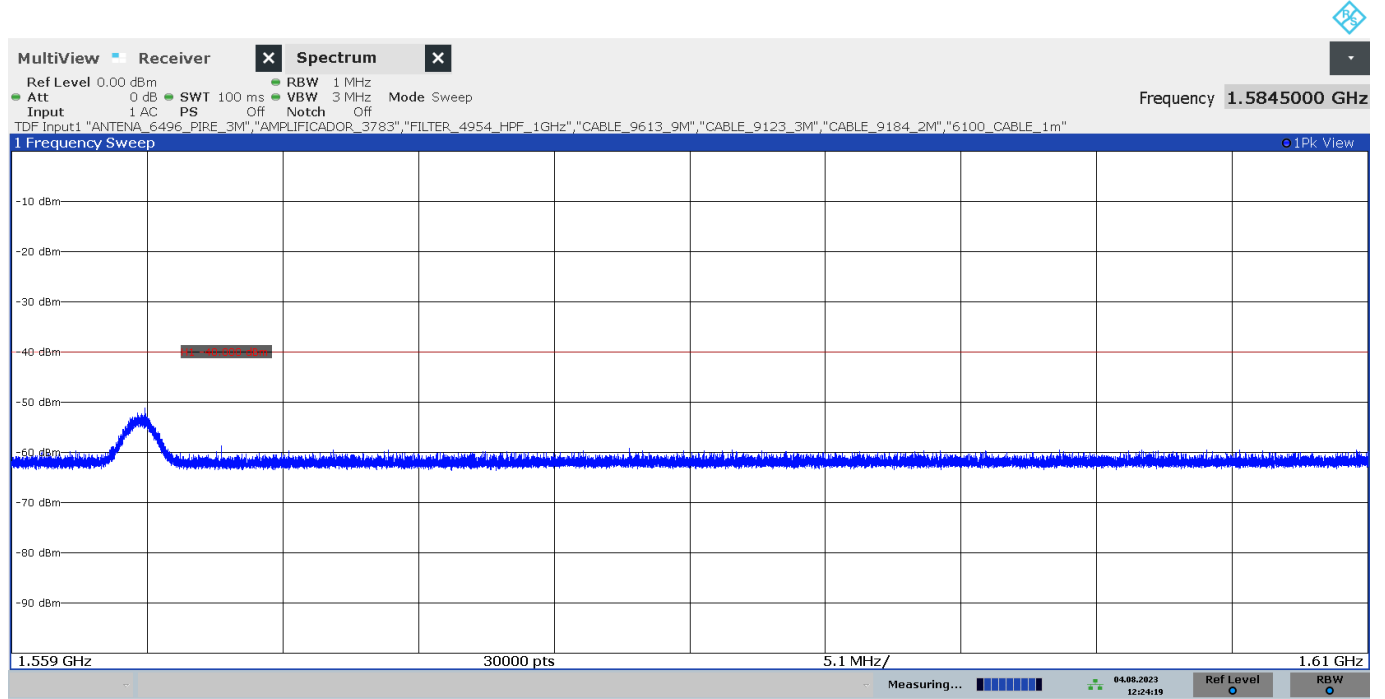
### FREQUENCY RANGE 793 - 806 MHz:

- MIDDLE CHANNEL:



### FREQUENCY RANGE 1559 - 1610 MHz:

- MIDDLE CHANNEL:



12:24:19 04.08.2023

### **LTE Cat-4 Band 66:**

A preliminary scan determined the QPSK modulation, BW=5 MHz, RB=1, RB Offset=12 as the worst-case. The next results are for this worst-case configuration.

#### **- LOW CHANNEL:**

##### **Frequency range 30 MHz - 1 GHz:**

No spurious frequencies at less than 20 dB below the limit.

##### **Frequency range 1 - 18 GHz:**

No spurious frequencies at less than 20 dB below the limit.

#### **- MIDDLE CHANNEL:**

##### **Frequency range 30 MHz - 1 GHz:**

No spurious frequencies at less than 20 dB below the limit.

##### **Frequency range 1 - 18 GHz:**

No spurious frequencies at less than 20 dB below the limit.

#### **- HIGH CHANNEL:**

##### **Frequency range 30 MHz - 1 GHz:**

No spurious frequencies at less than 20 dB below the limit.

##### **Frequency range 1 - 18 GHz:**

No spurious frequencies at less than 20 dB below the limit.

Measurement Uncertainty (dB)  $< \pm 5.35$  for  $f < 1$  GHz  
 $< \pm 4.32$  for  $f \geq 1$  GHz up to 18 GHz

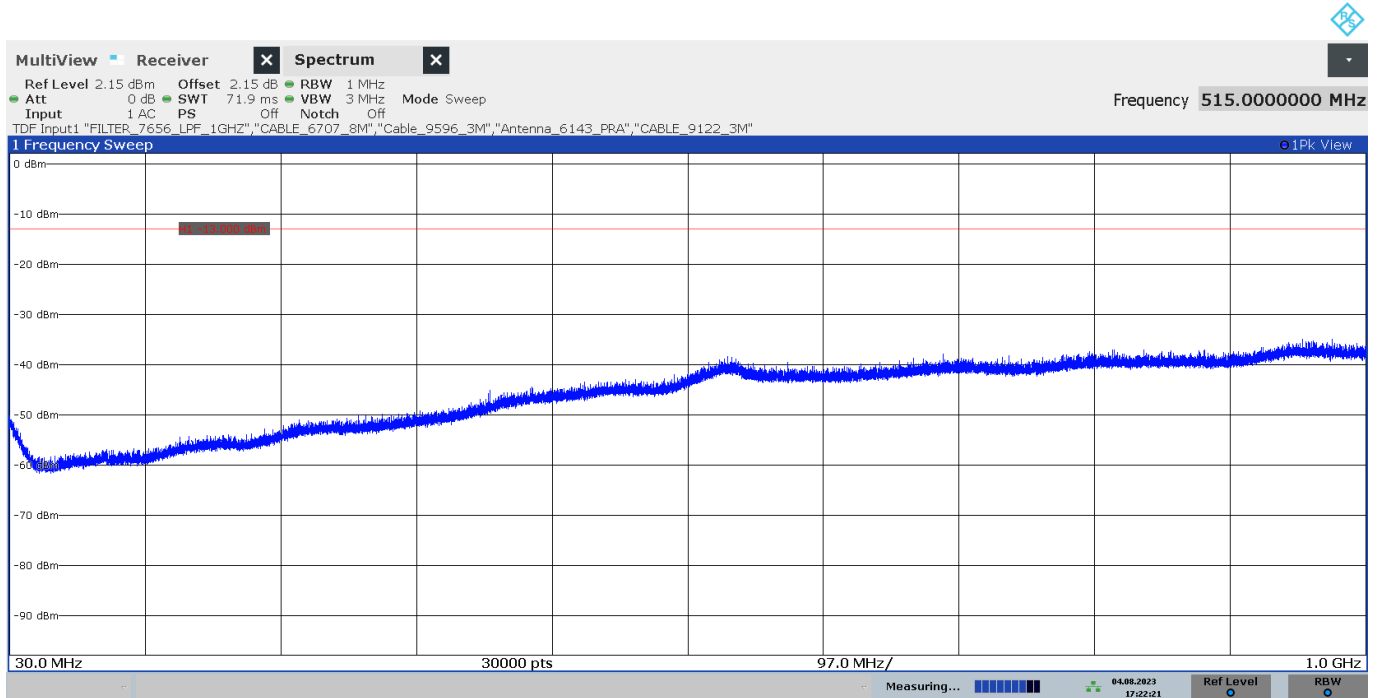
### ***Verdict***

Pass

**LTE Cat-4 Band 66:**

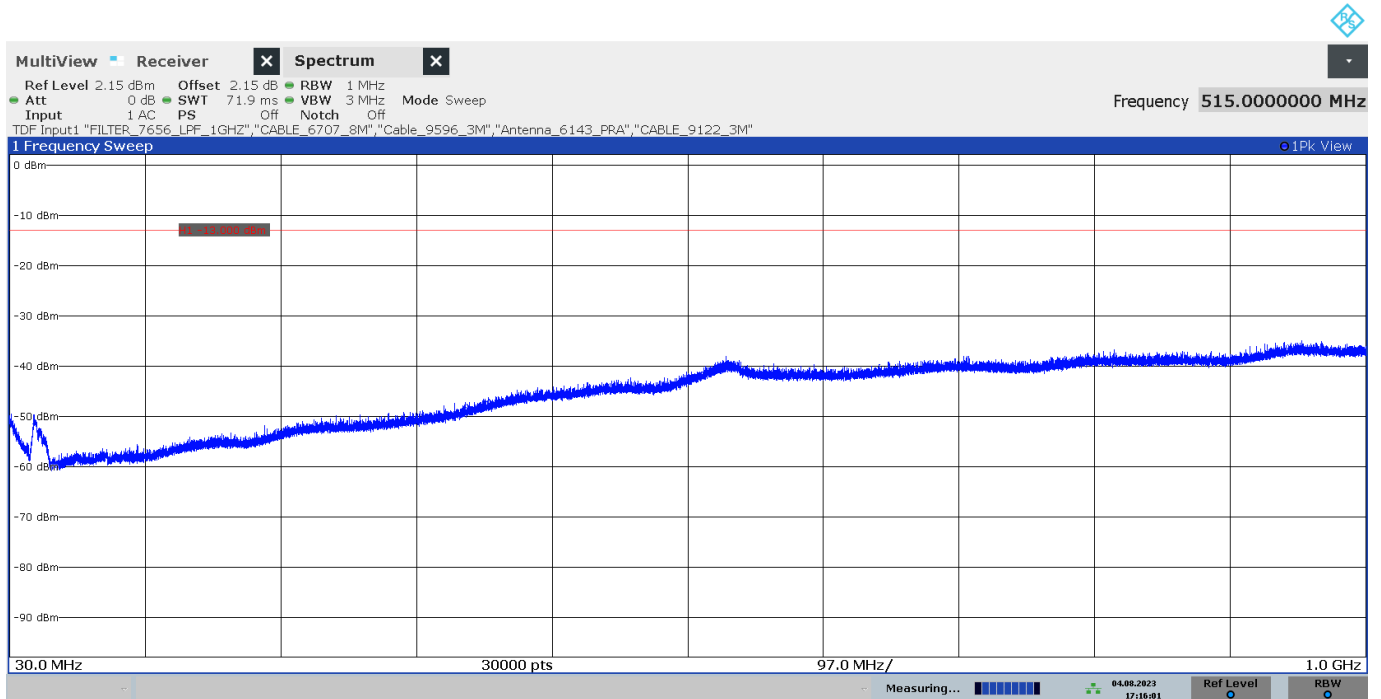
**FREQUENCY RANGE 30 MHz - 1 GHz:**

**- LOW CHANNEL:**



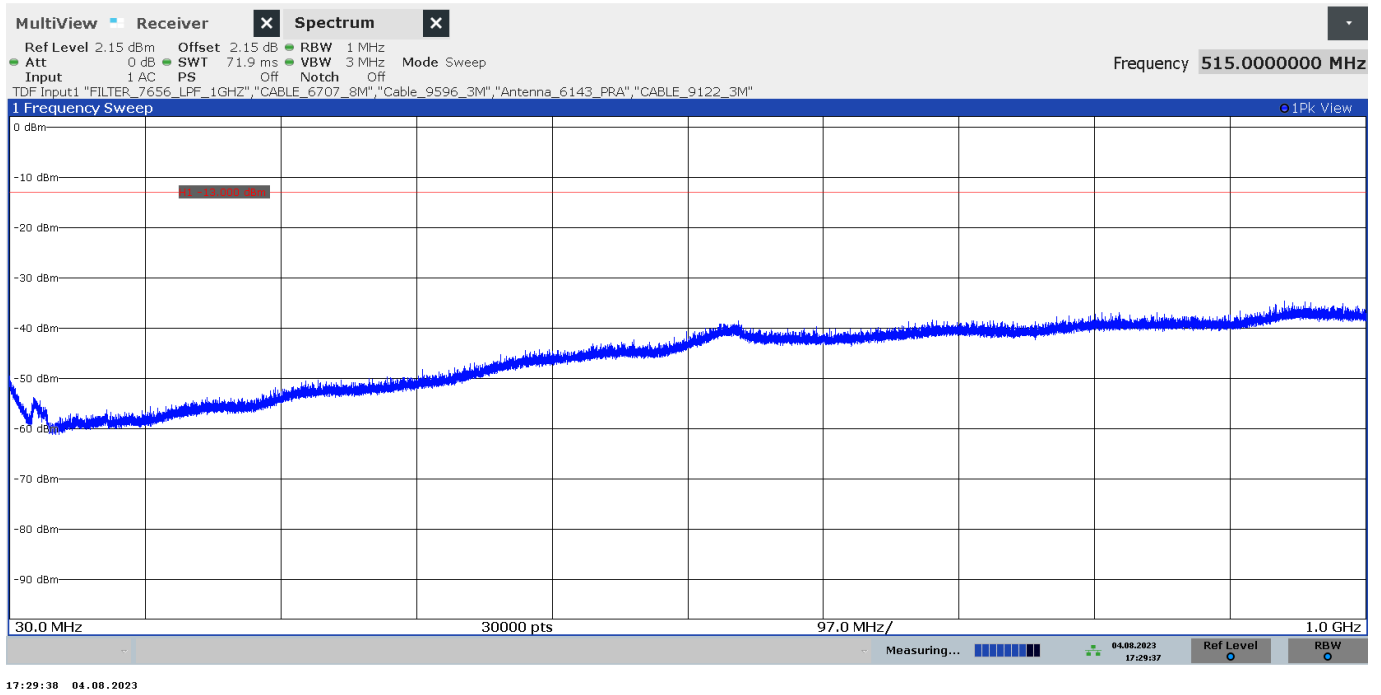
17:22:22 04.08.2023

**- MIDDLE CHANNEL:**



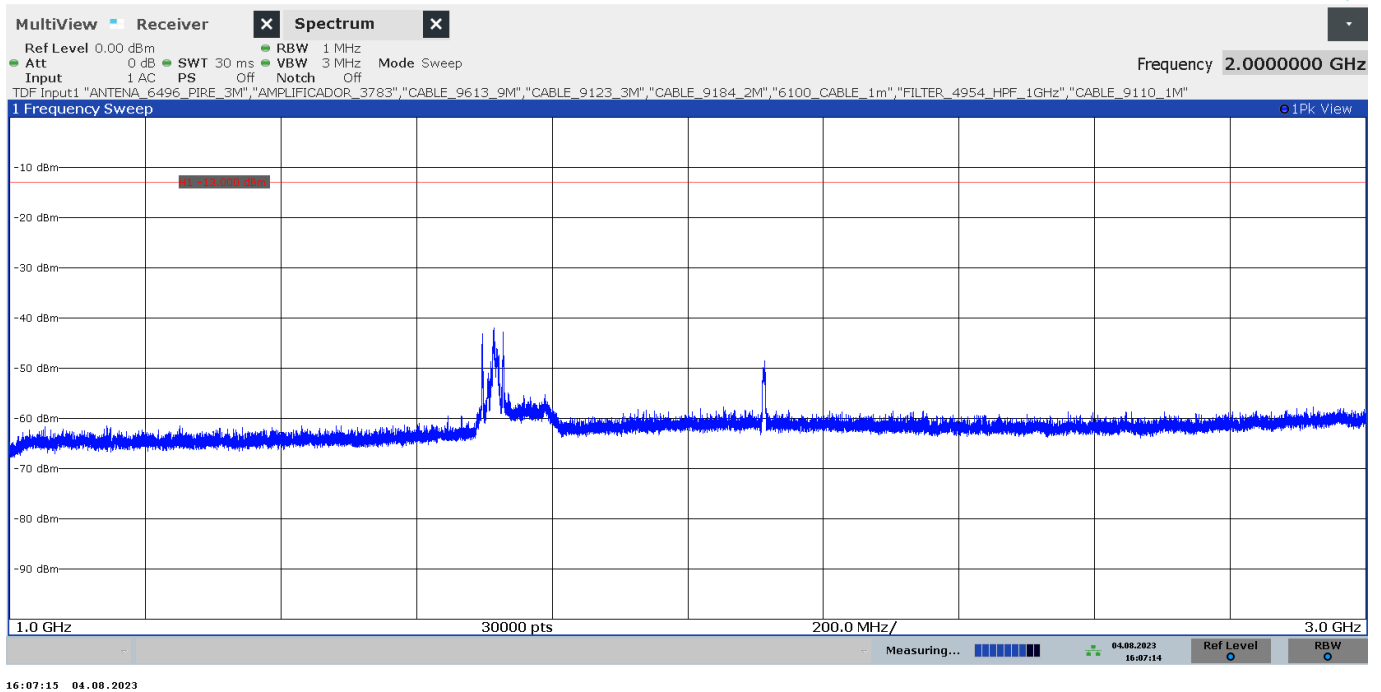
17:16:02 04.08.2023

- HIGH CHANNEL:



FREQUENCY RANGE 1 - 3 GHz:

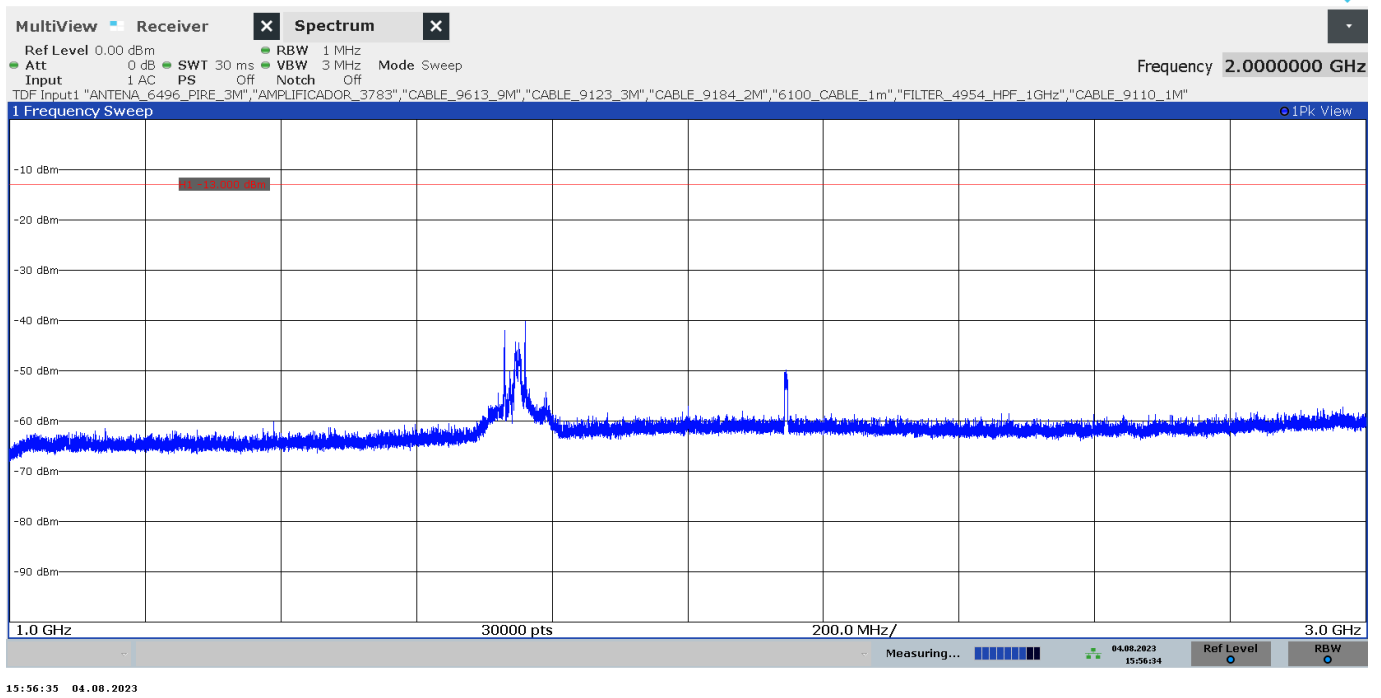
- LOW CHANNEL:



The highest peak is the carrier frequency suppressed with a notch filter.

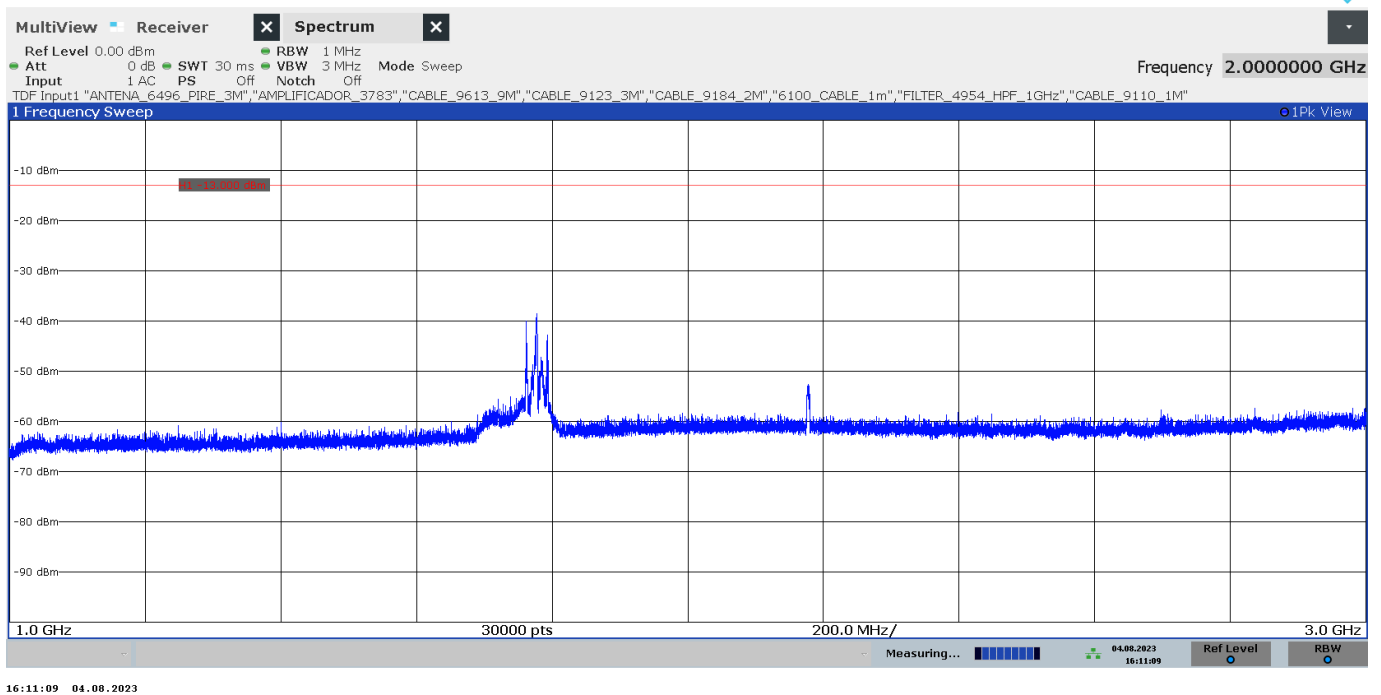


- MIDDLE CHANNEL:



The highest peak is the carrier frequency suppressed with a notch filter.

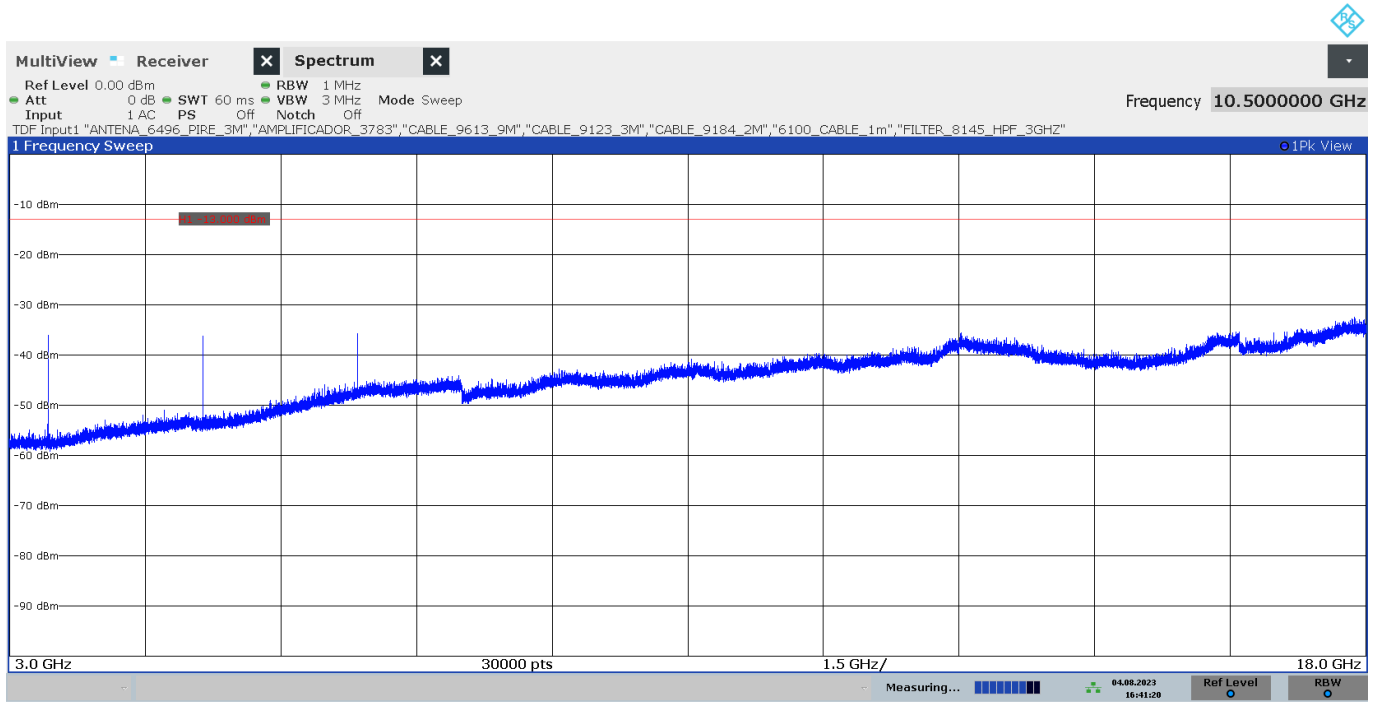
- HIGH CHANNEL:



The highest peak is the carrier frequency suppressed with a notch filter.

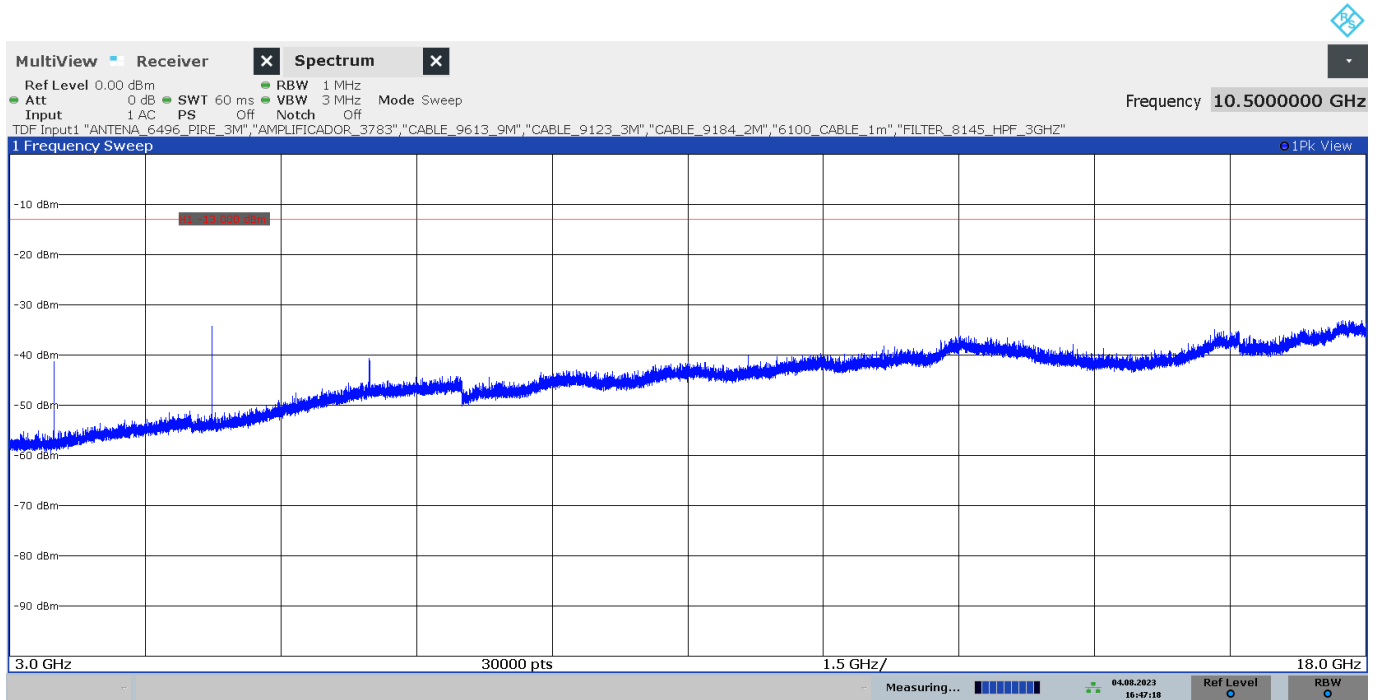
### FREQUENCY RANGE 3 - 18 GHz:

#### - LOW CHANNEL:



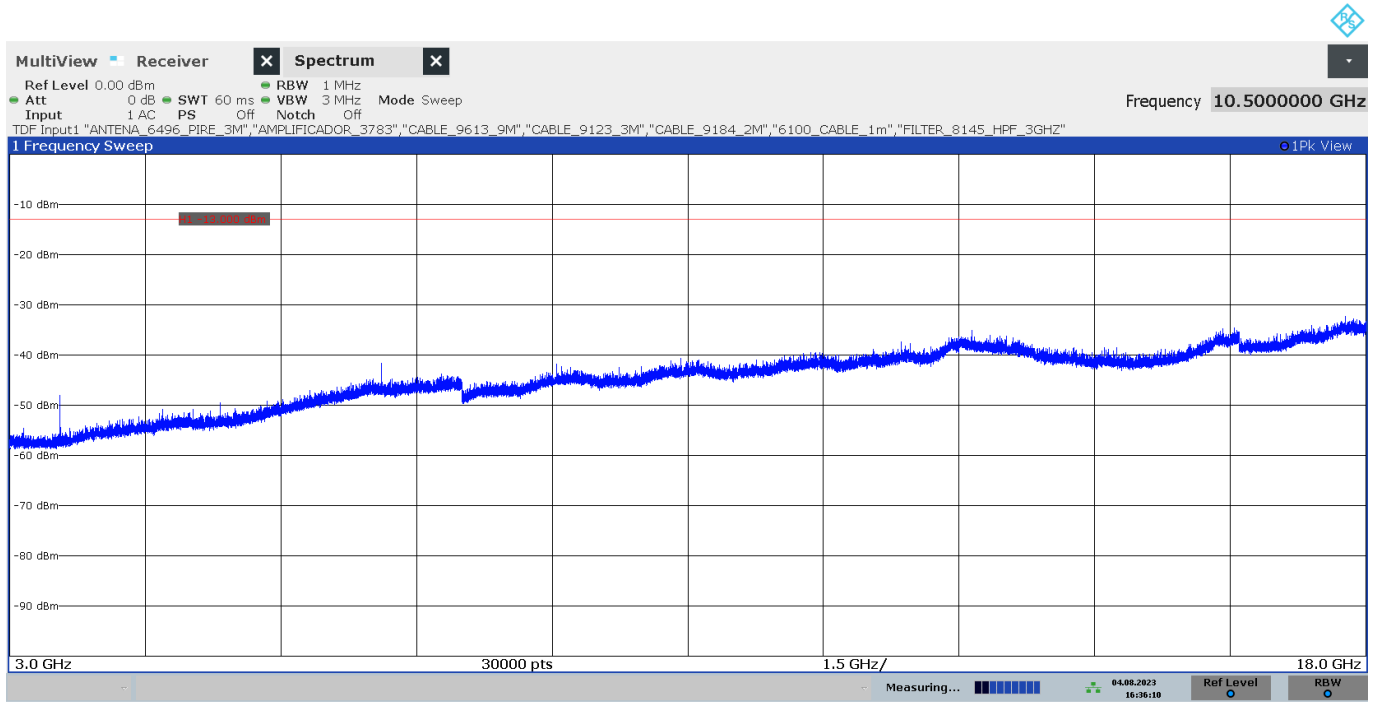
16:41:20 04.08.2023

#### - MIDDLE CHANNEL:



16:47:19 04.08.2023

- HIGH CHANNEL:



16:36:10 04.08.2023