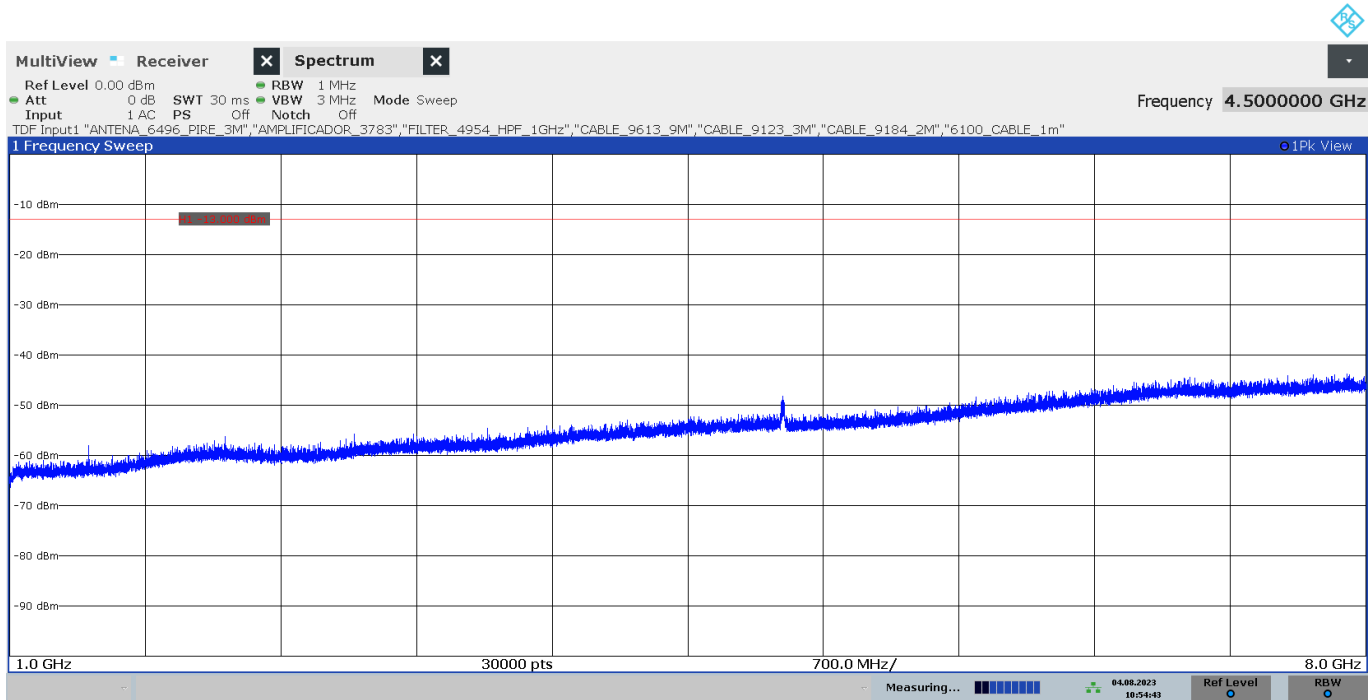


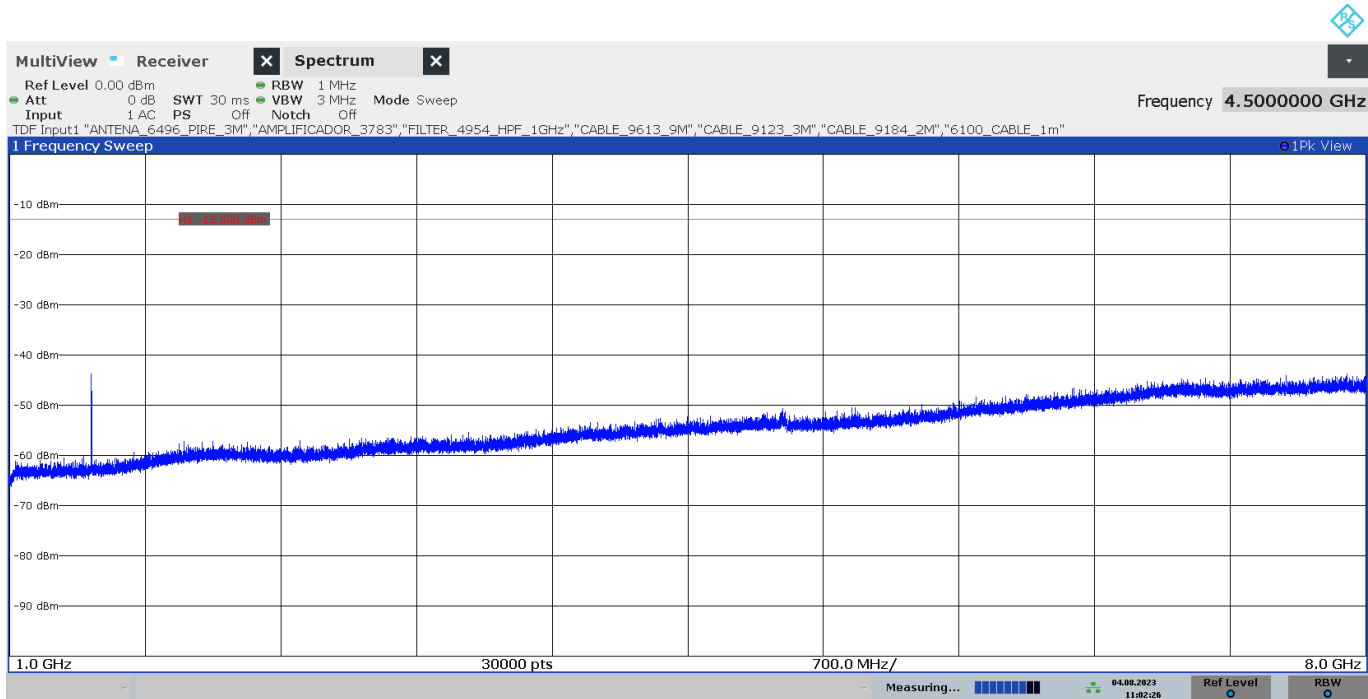
FREQUENCY RANGE 1 GHz - 8 GHz

- LOW CHANNEL:



10:54:43 04.08.2023

- HIGH CHANNEL:



11:02:26 04.08.2023

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

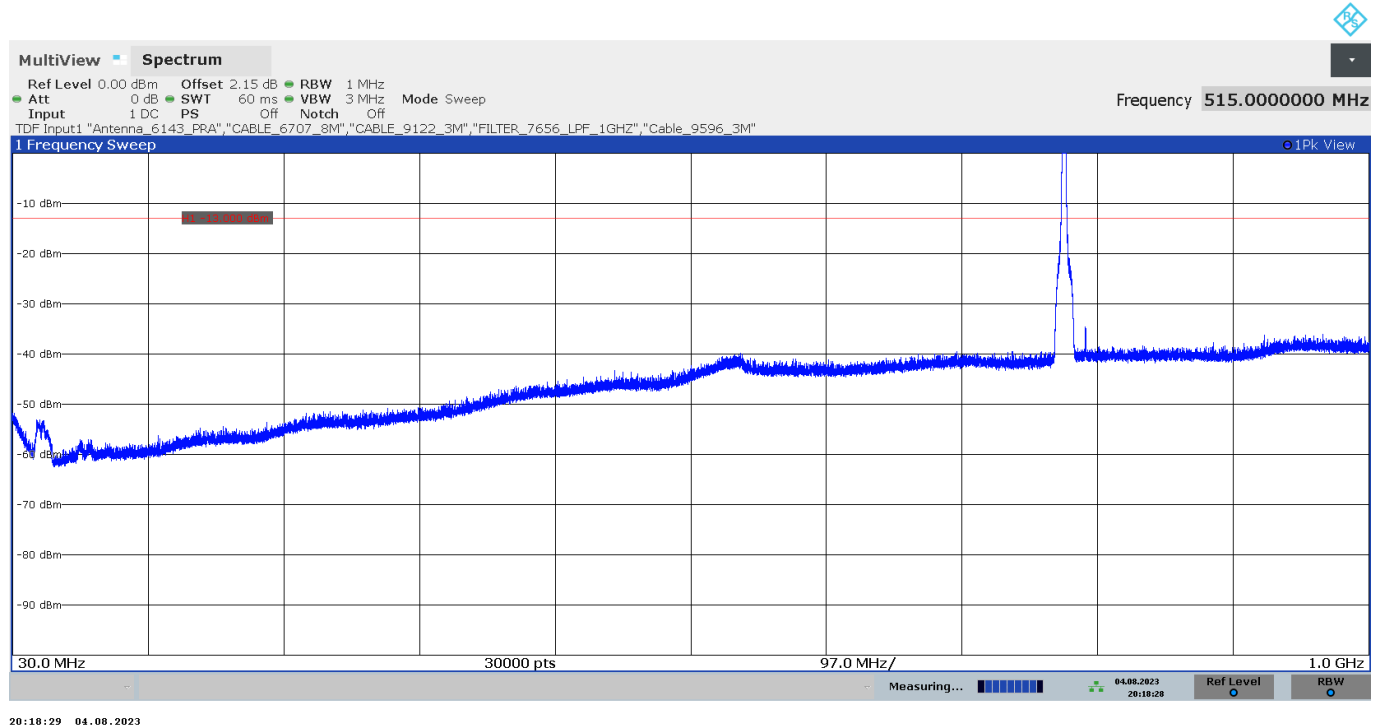
Verdict

Pass

LTE Cat-4 Band 13:

FREQUENCY RANGE 30 MHz - 1 GHz:

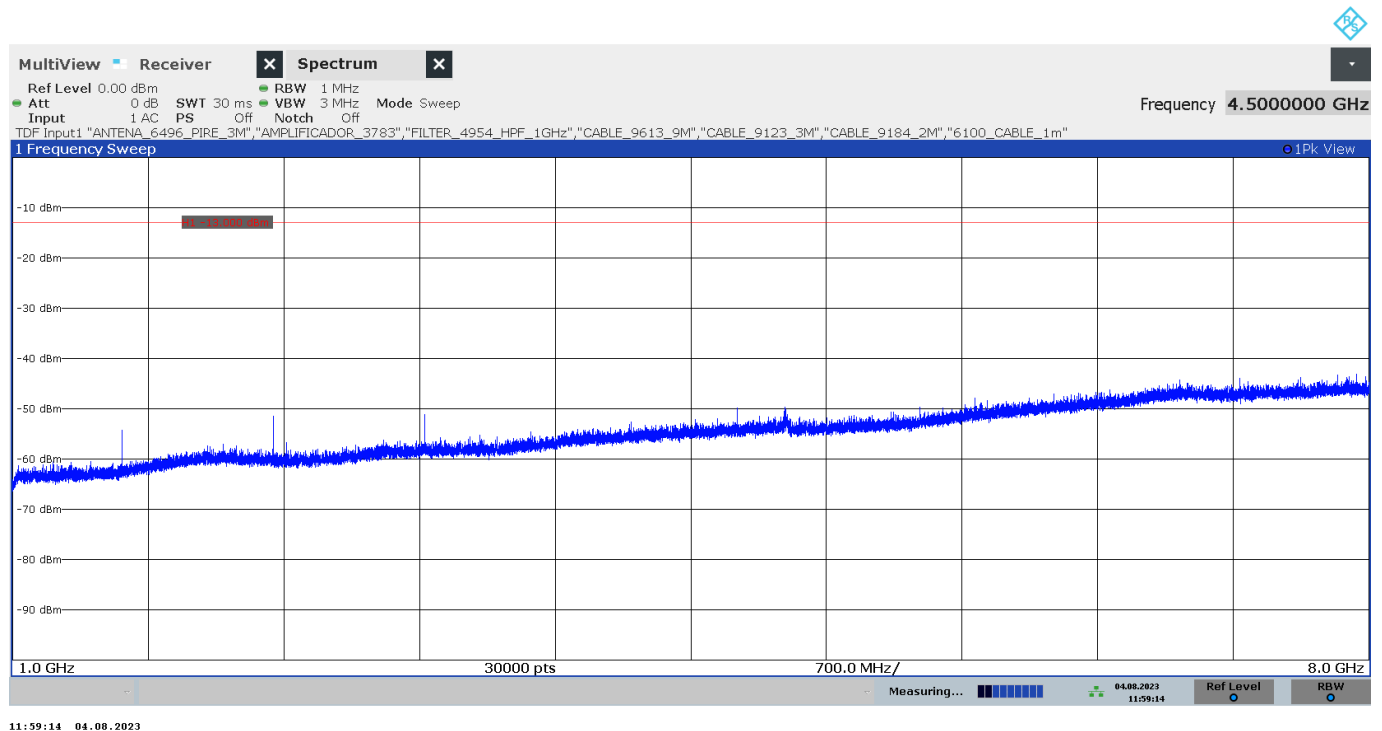
- MIDDLE CHANNEL:



The peak above the limit is the carrier frequency.

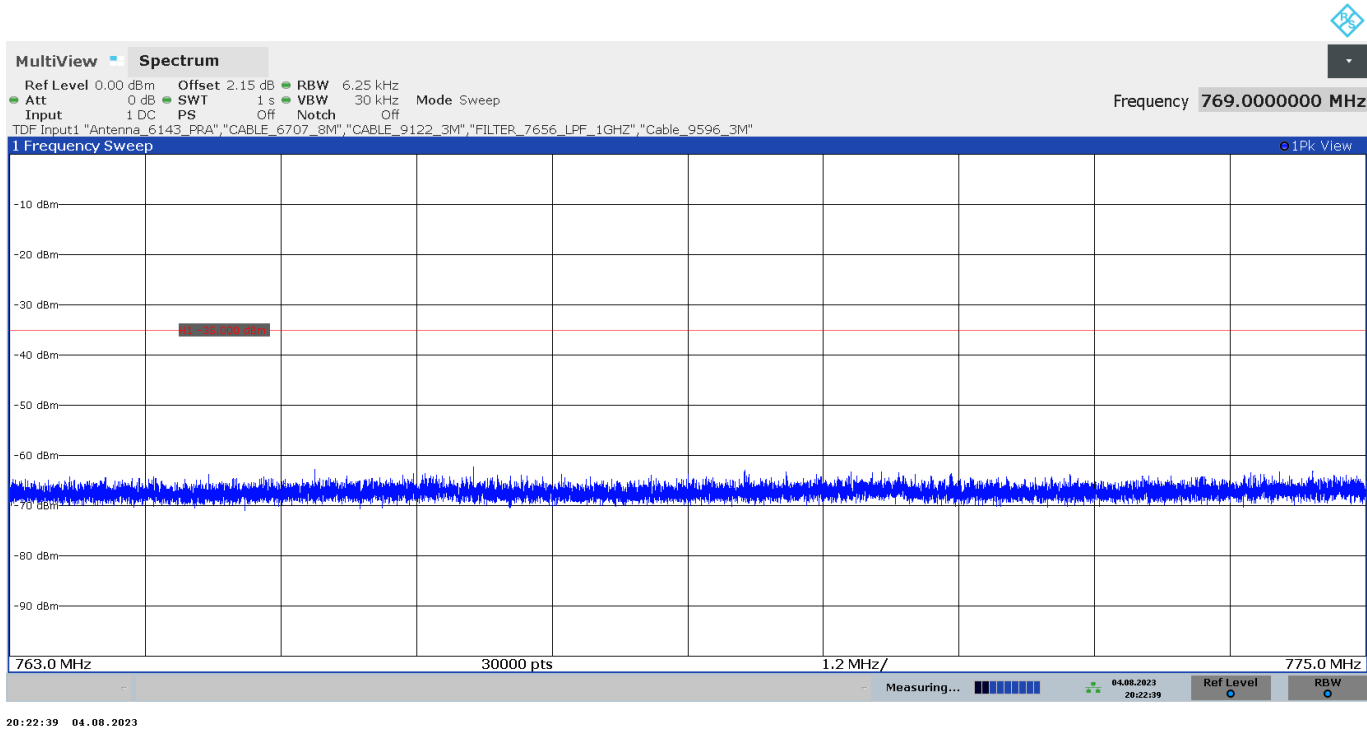
FREQUENCY RANGE 1 - 8 GHz:

- MIDDLE CHANNEL:



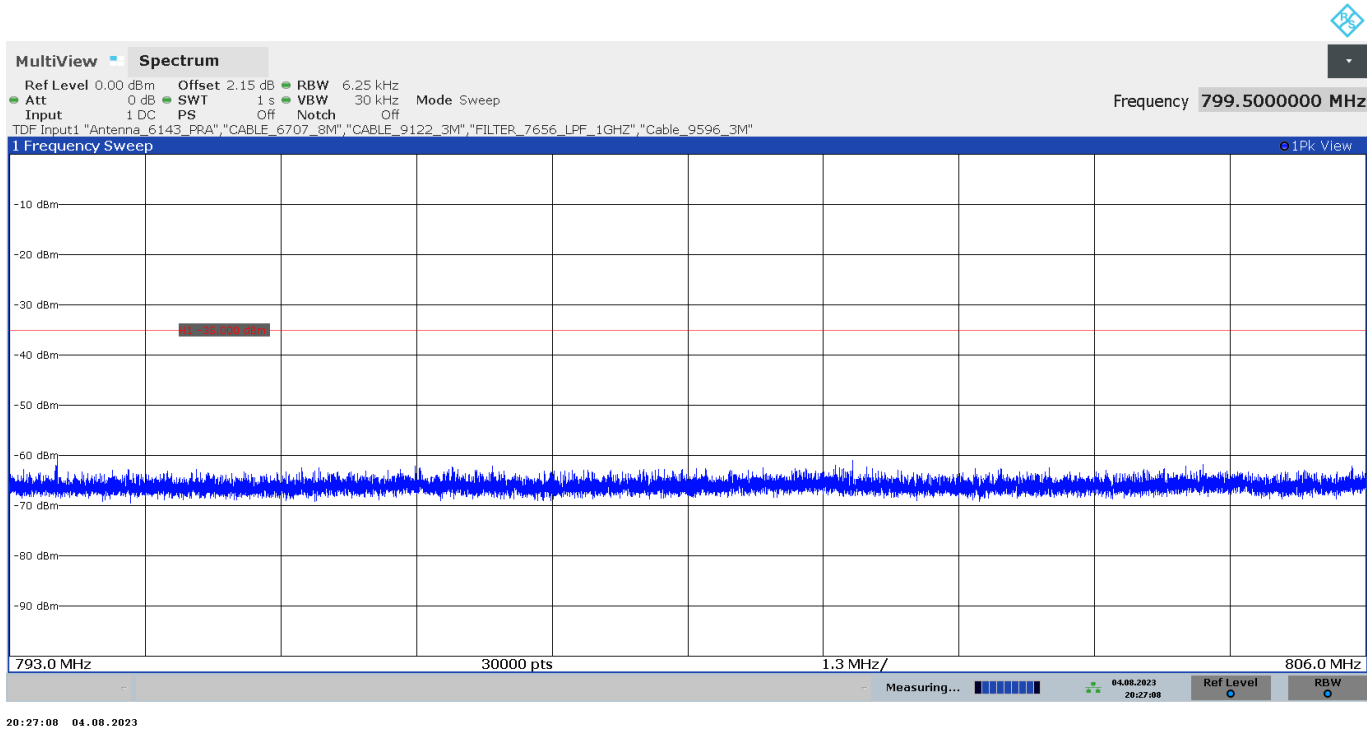
FREQUENCY RANGE 763 - 775 MHz:

- MIDDLE CHANNEL:



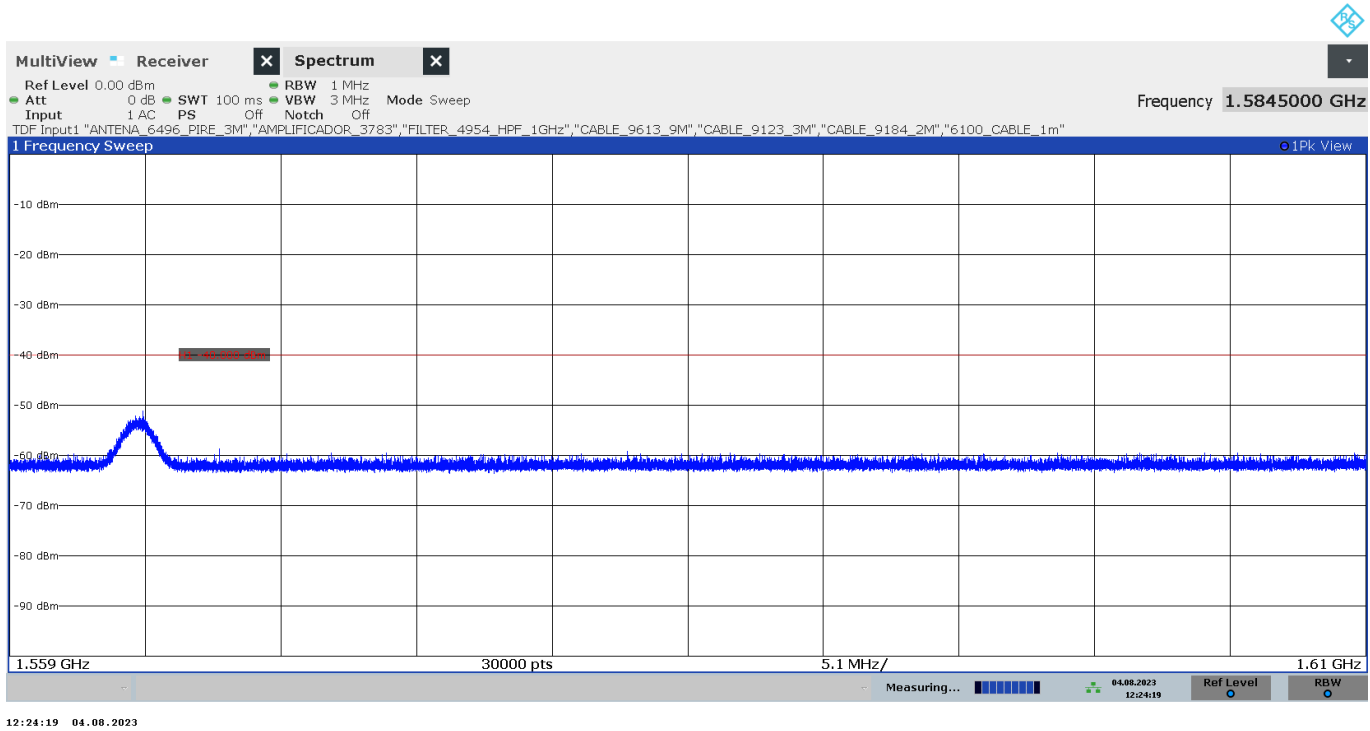
FREQUENCY RANGE 793 - 806 MHz:

- MIDDLE CHANNEL:



FREQUENCY RANGE 1559 - 1610 MHz:

- MIDDLE CHANNEL:



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) $\leq \pm 5.35$ for $f < 1$ GHz
 $\leq \pm 4.32$ for $f \geq 1$ GHz up to 18 GHz

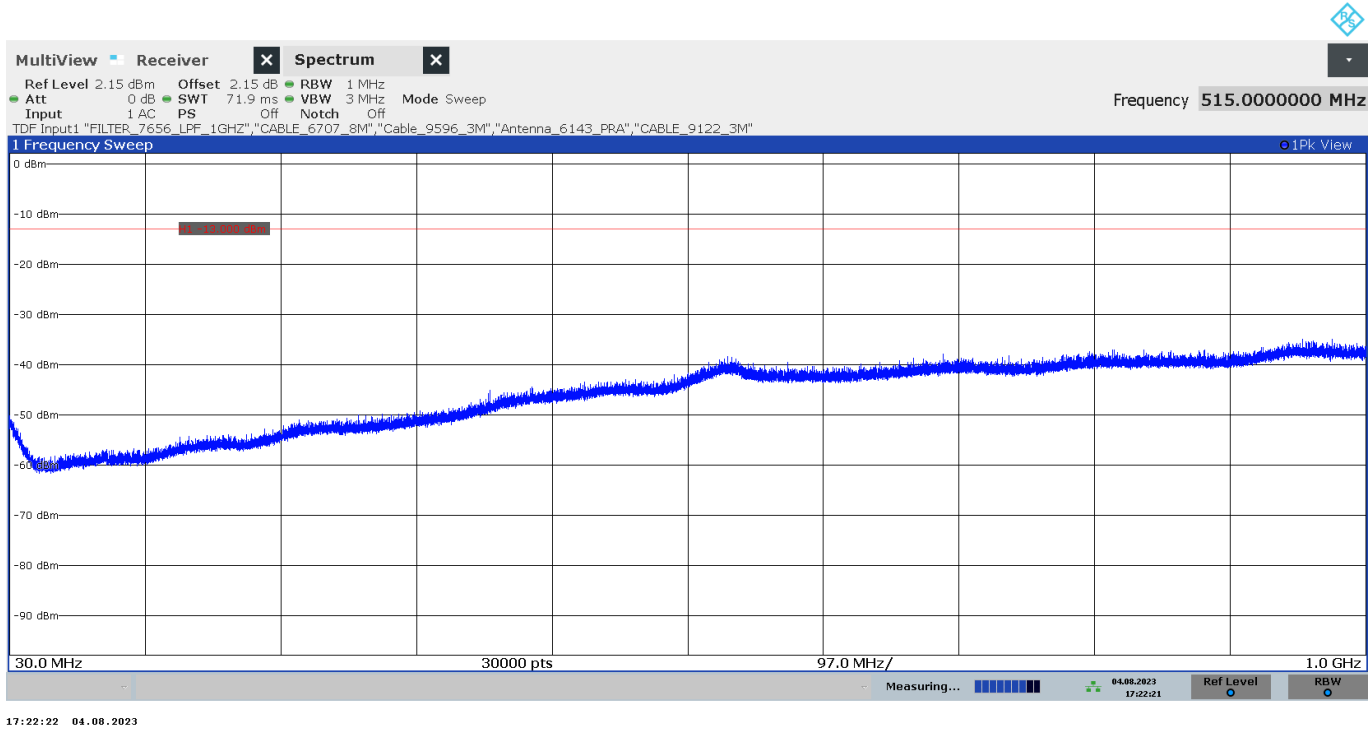
Verdict

Pass

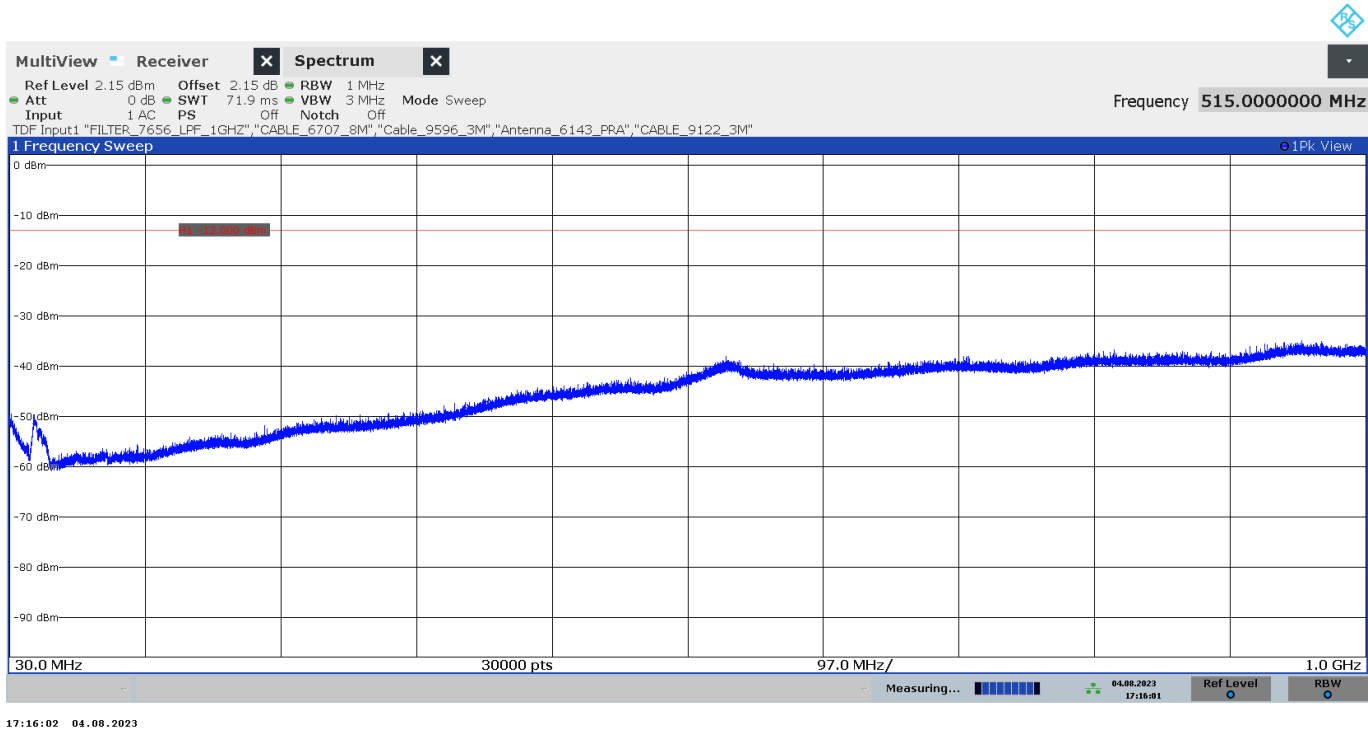
LTE Cat-4 Band 66:

FREQUENCY RANGE 30 MHz - 1 GHz:

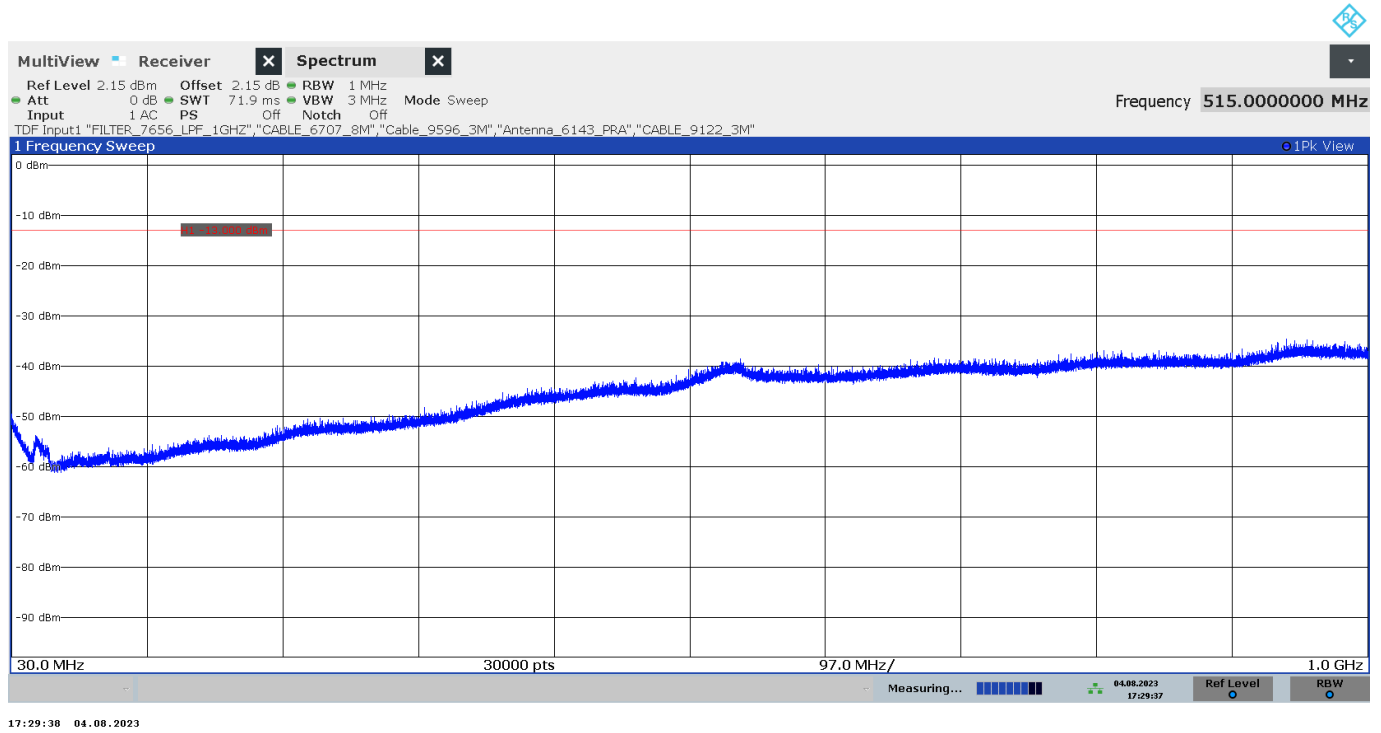
- LOW CHANNEL:



- MIDDLE CHANNEL:

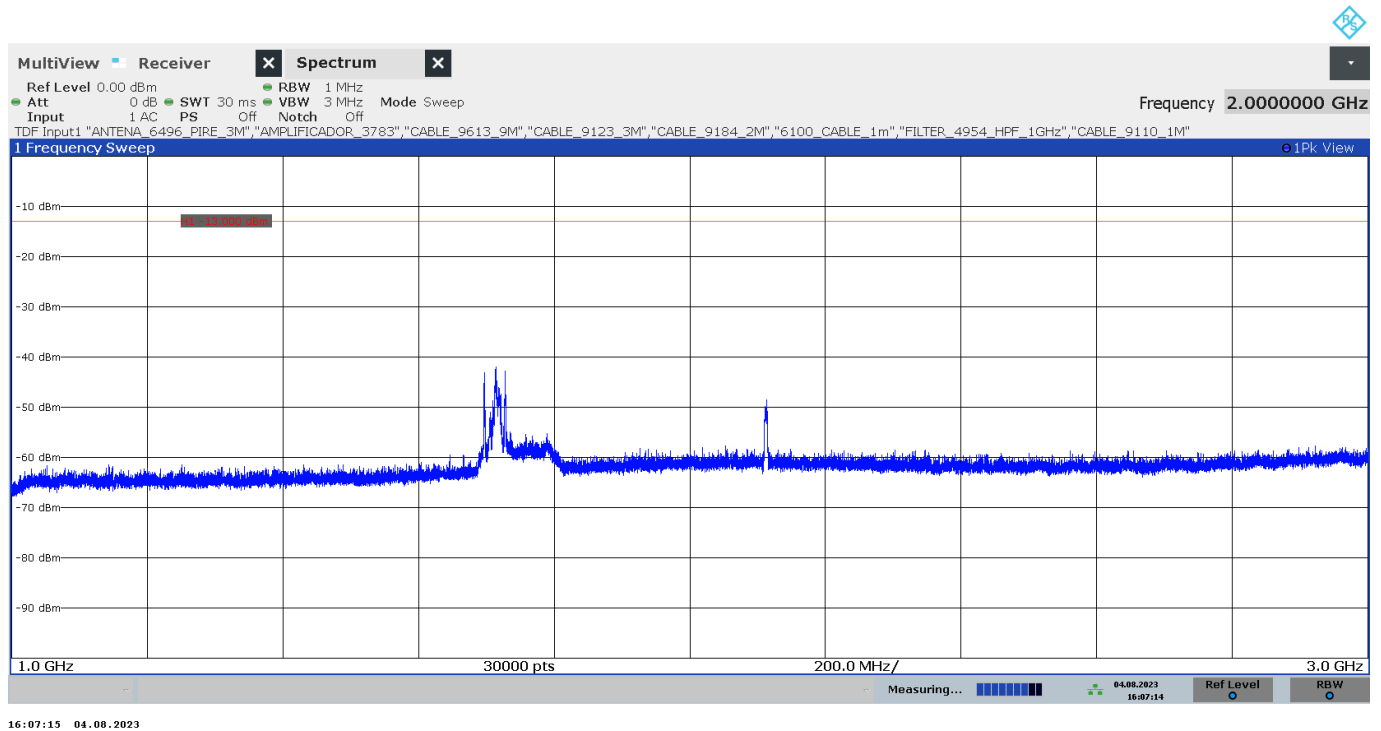


- HIGH CHANNEL:



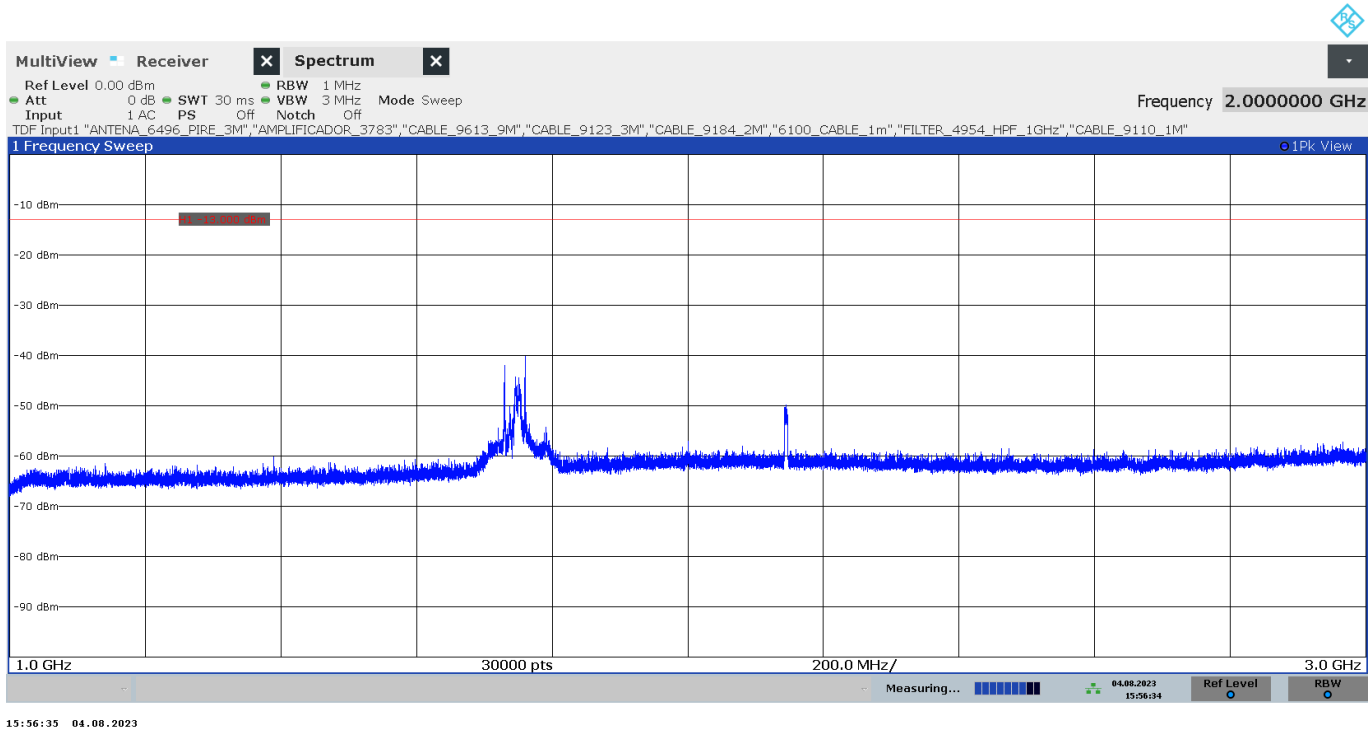
FREQUENCY RANGE 1 - 3 GHz:

- LOW CHANNEL:



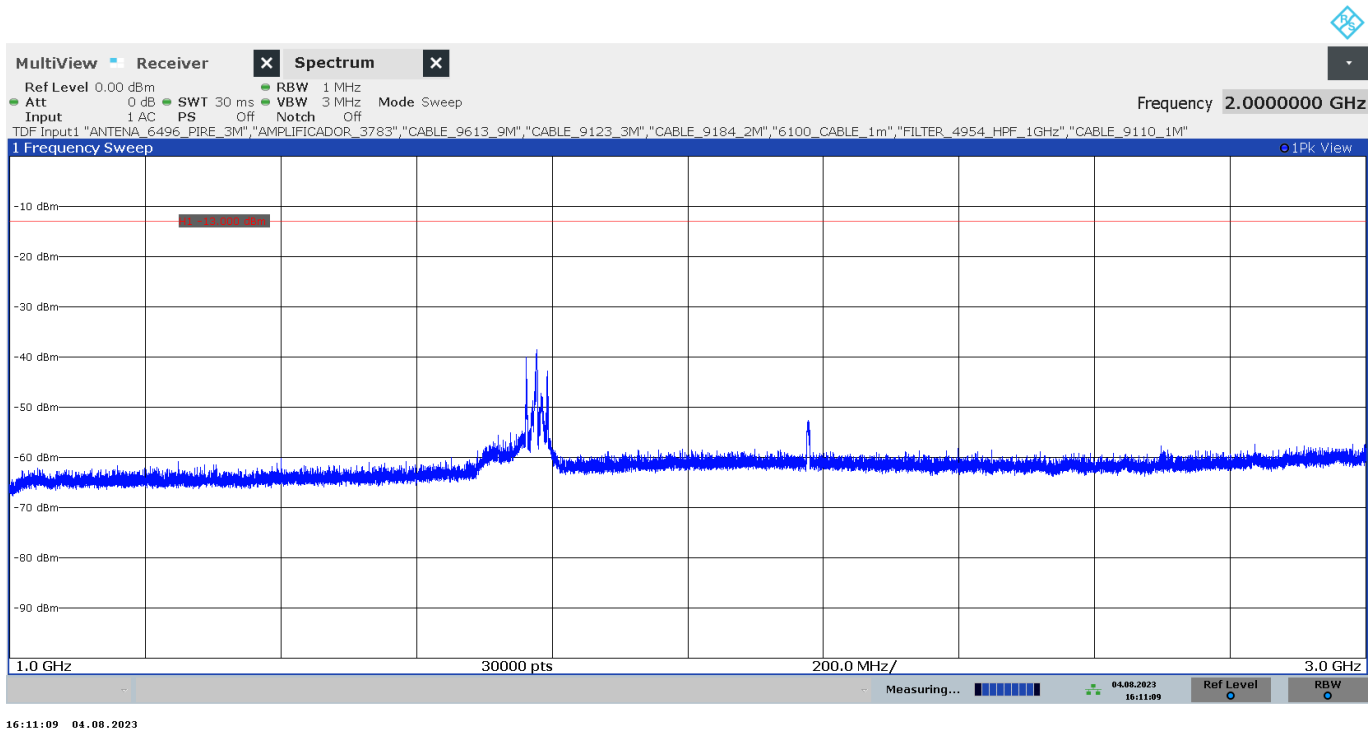
The highest peak is the carrier frequency suppressed with a notch filter.

- MIDDLE CHANNEL:



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

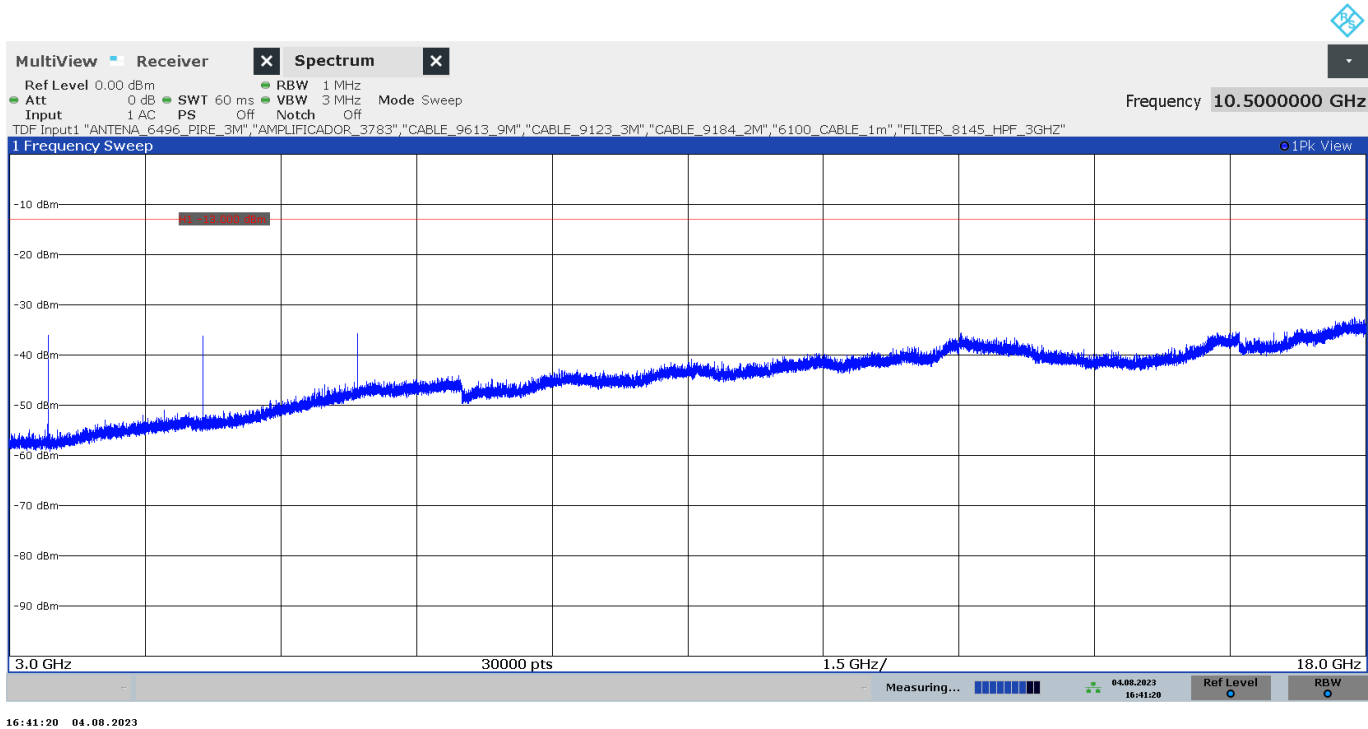
- HIGH CHANNEL:



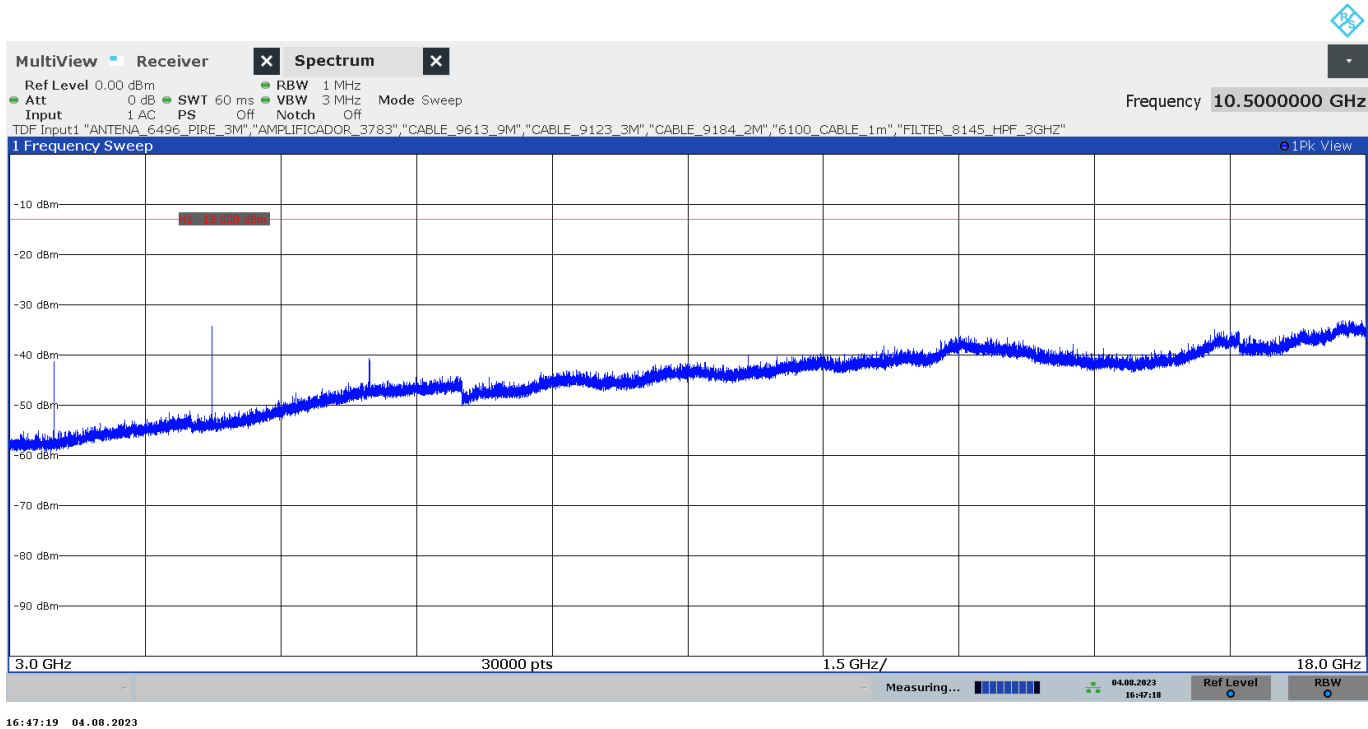
The highest peak is the carrier frequency suppressed with a notch filter.

FREQUENCY RANGE 3 - 18 GHz:

- LOW CHANNEL:



- MIDDLE CHANNEL:



- HIGH CHANNEL:

