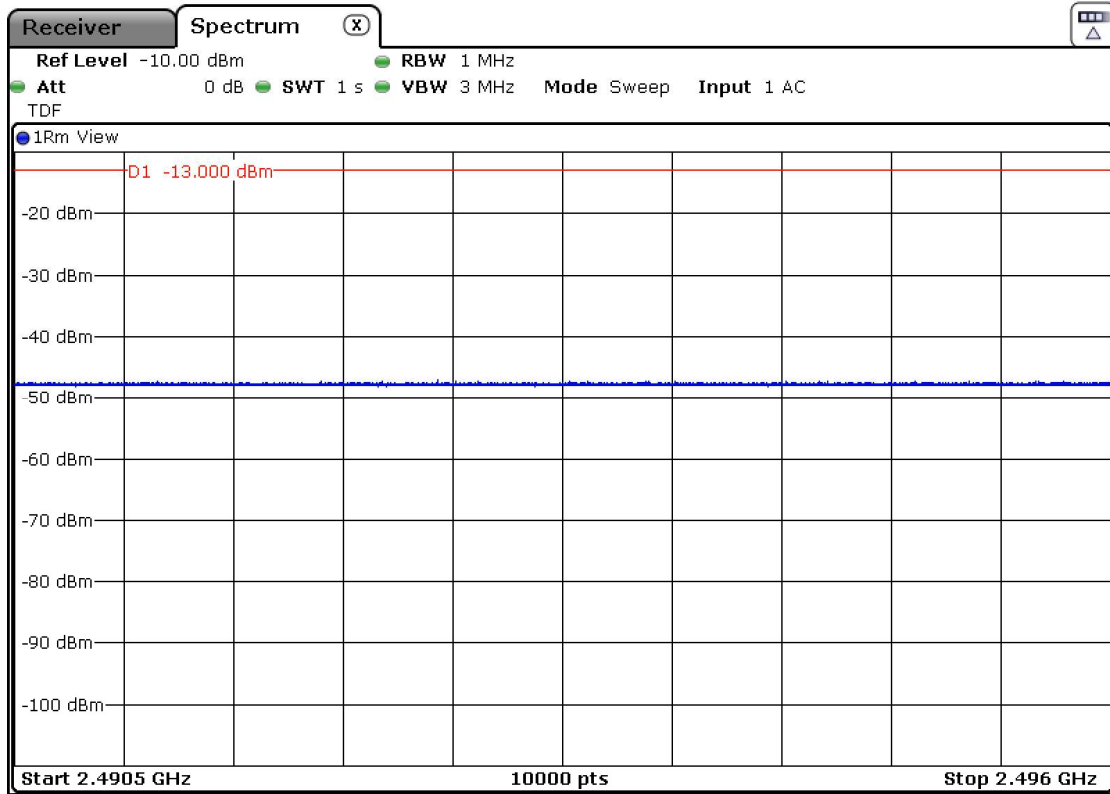
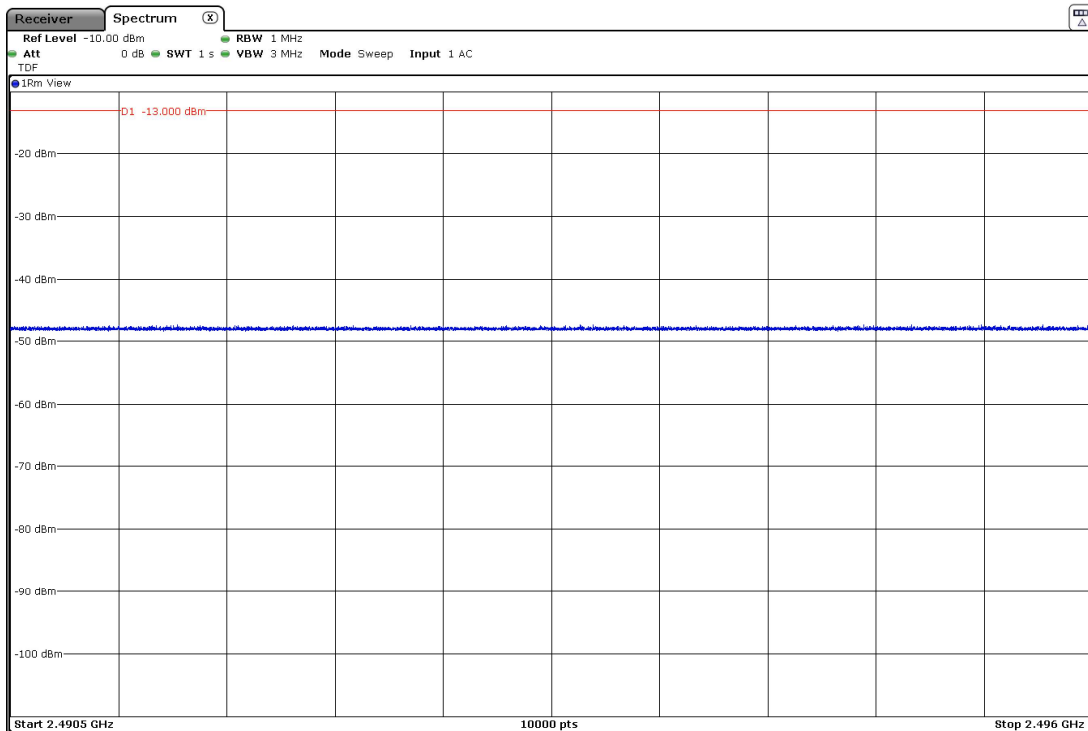


- Middle Channel:



- High Channel:



- **DC\_5A\_n66A + LTE Band 66:**

A preliminary scan determined the worst-case:

- 1) DC\_5A\_n66A (Module NAD2):
  - 5A: QPSK, BW=10 MHz, RB=1, Offset=0.
  - n66A: Pi/2 BPSK, BW=5 MHz, SCS=15 kHz, RB=12, Offset=13.
- 2) LTE Band 66 (Module NAD1):
  - 66: QPSK, BW=3 MHz, RB=1, Offset=0.

The following results are the ones of the worst-case.

**- 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:**

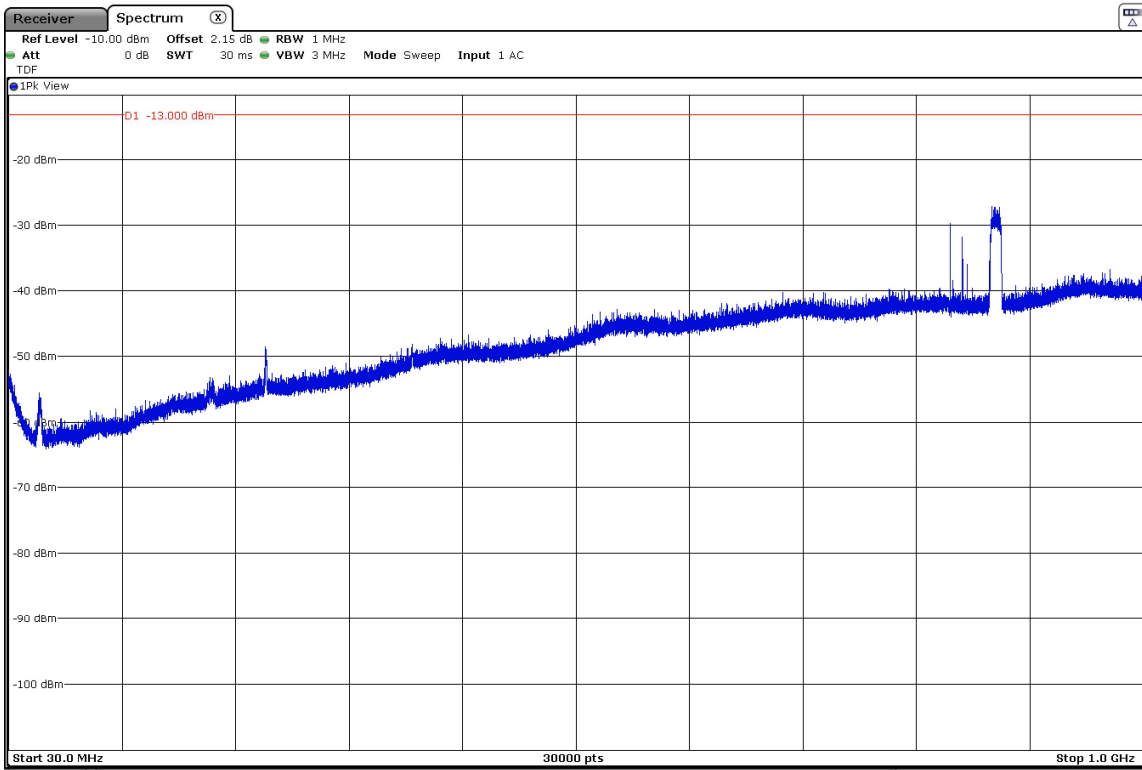
No spurious frequencies at less than 20 dB below the limit.

Measurement Uncertainty (dB)  $< \pm 4.99$  for  $f < 1$  GHz  
 $< \pm 4.98$  for  $f \geq 1$  GHz up to 17 GHz  
 $< \pm 5.08$  for  $f \geq 17$  GHz up to 18 GHz

Verdict: PASS

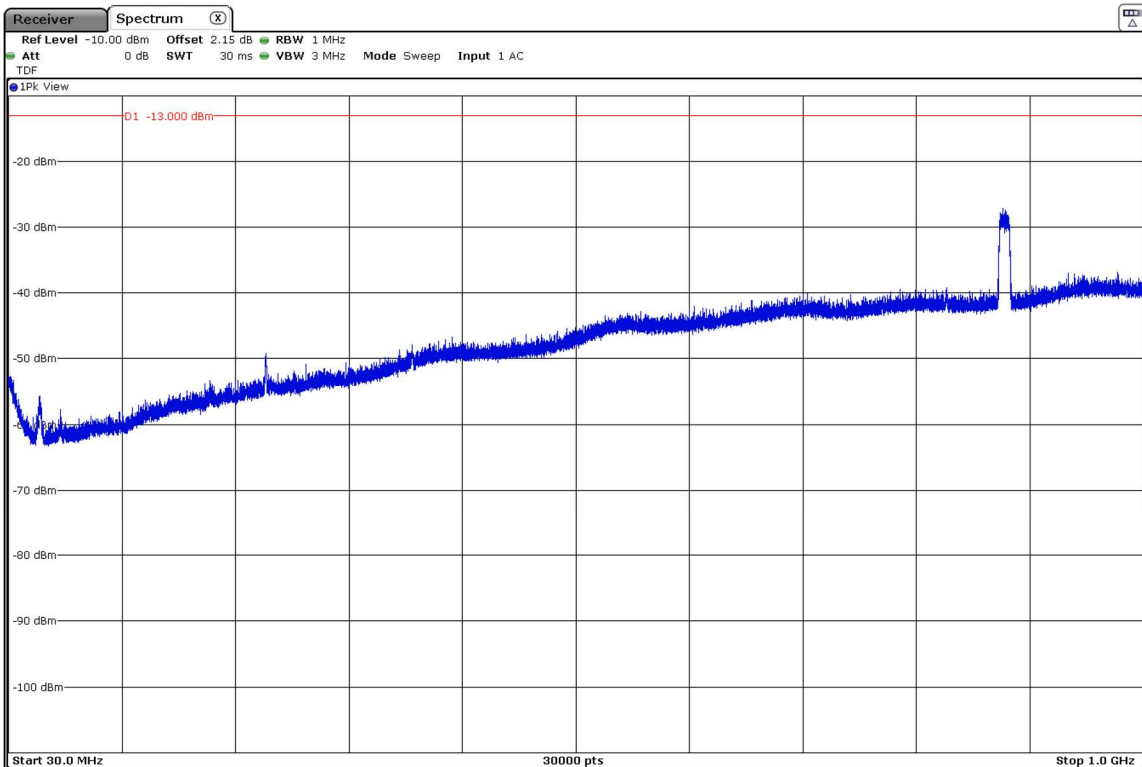
### FREQUENCY RANGE 30 MHz - 1 GHz (worst-case):

- Low Channel:



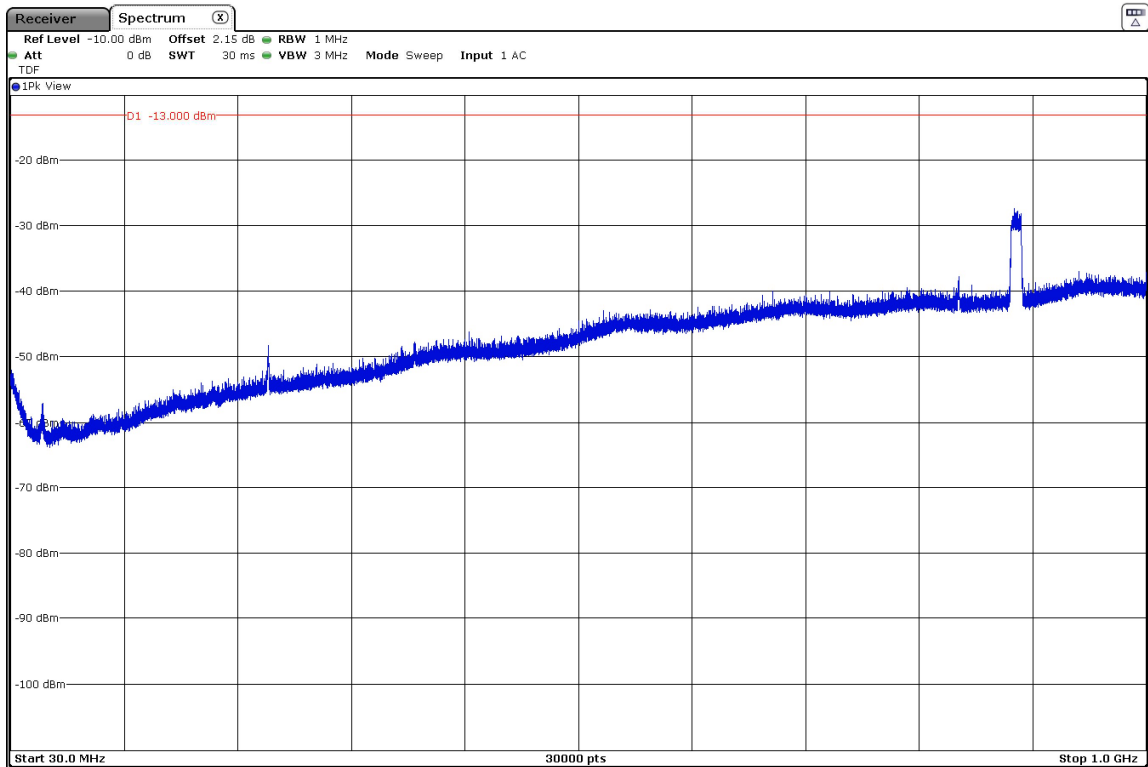
The peaks correspond to the LTE signal downlink and uplink of DC\_5A\_n66A.

- Middle Channel:



The peak corresponds to the LTE signal downlink of DC\_5A\_n66A.

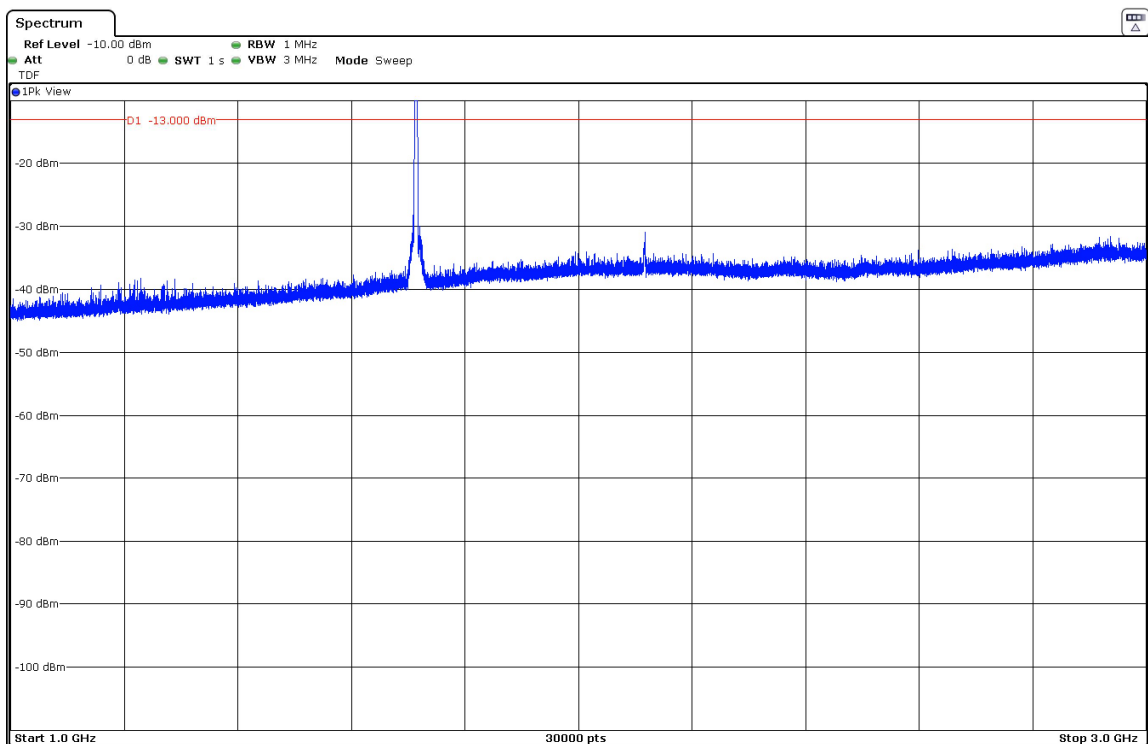
- High Channel:



The peak corresponds to the LTE signal downlink of DC\_5A\_n66A.

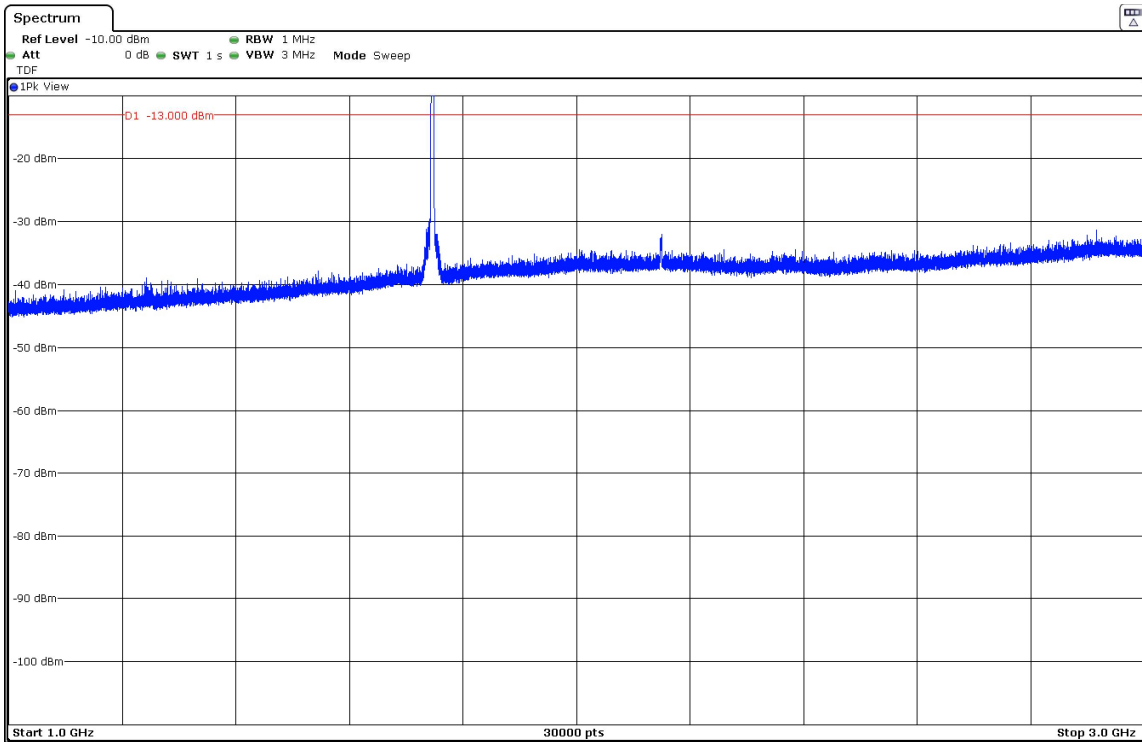
**FREQUENCY RANGE 1 - 3 GHz (worst-case):**

- Low Channel:



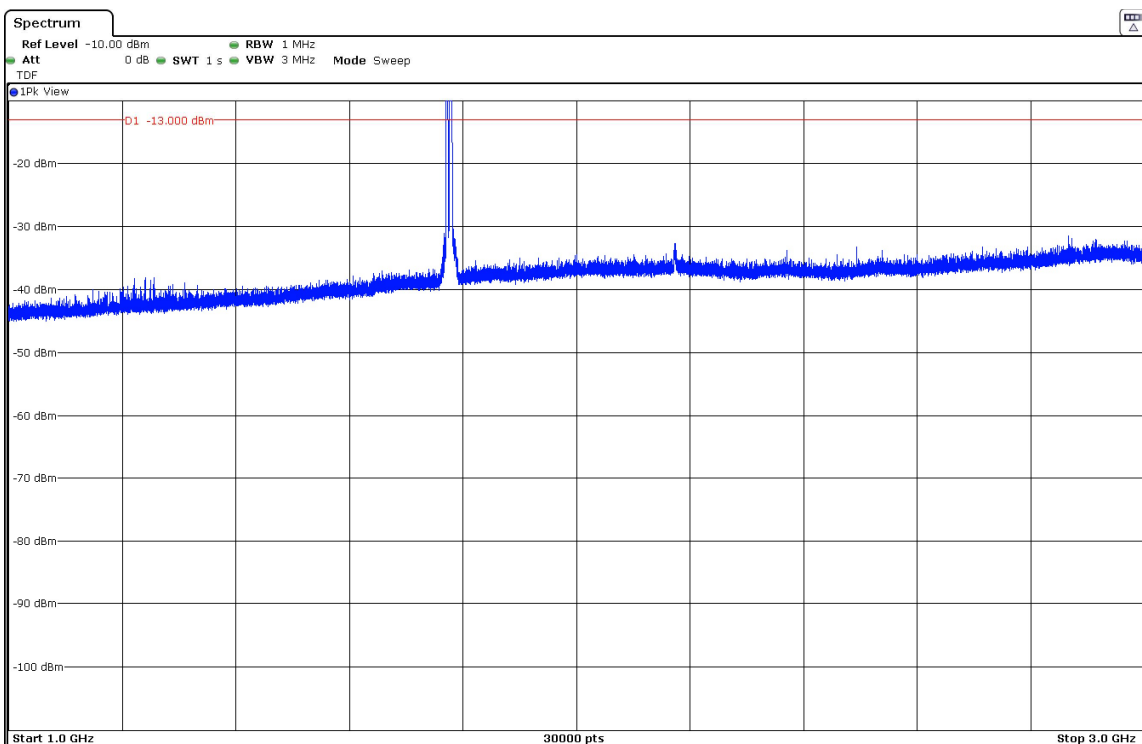
The peaks at 1712.5 MHz (n66A) and 1716.5 MHz (LTE 66) to above the limit are the carrier frequencies. The peak at 2112.5MHz corresponds to the downlink signal of DC\_5A\_n66A.

- Middle Channel:



The peaks at 1745 MHz (n66A) and 1749 MHz (LTE 66) to above the limit are the carrier frequencies. The peak at 2145MHz corresponds to the downlink signal of DC\_5A\_n66A.

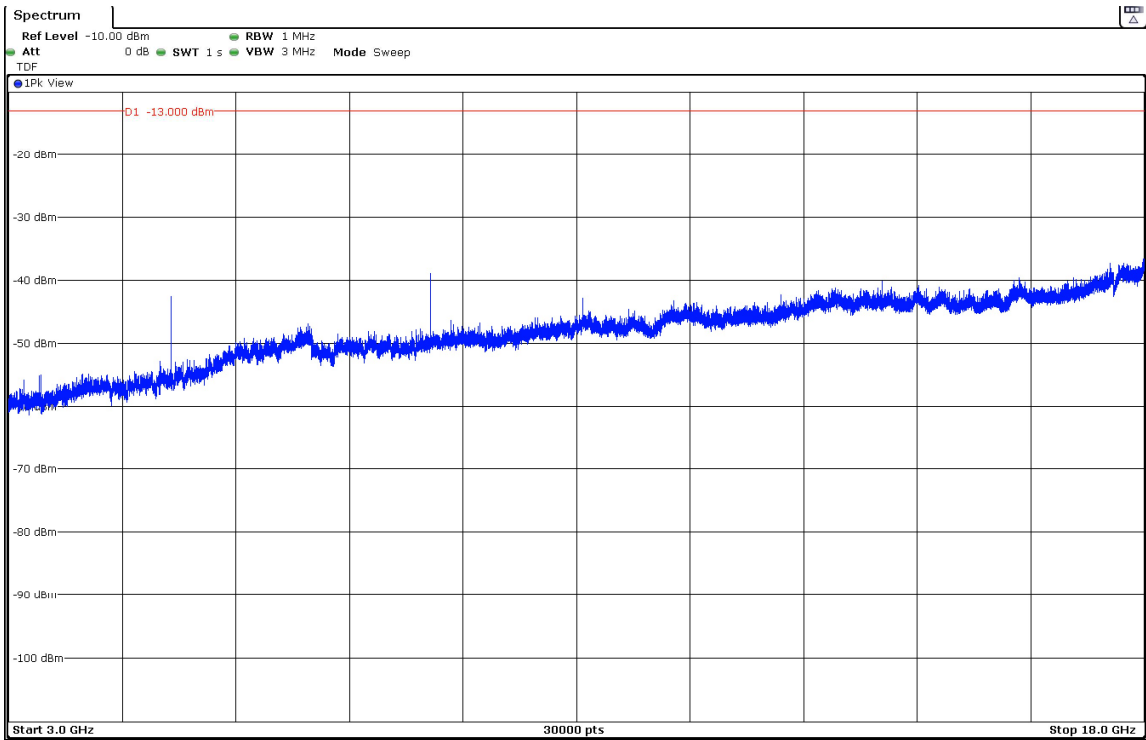
- High Channel:



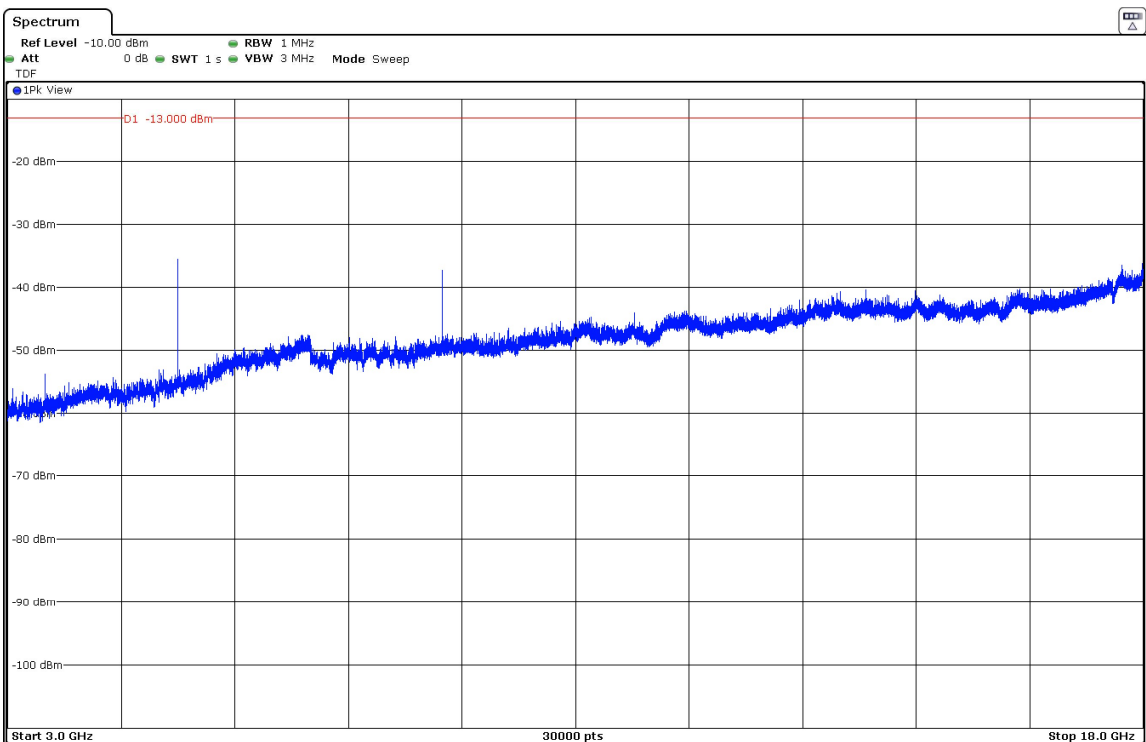
The peaks at 1777.5 MHz (n66A) and 1773.5 MHz (LTE 66) to above the limit are the carrier frequencies. The peak at 2177.5MHz corresponds to the downlink signal of DC\_5A\_n66A.

### FREQUENCY RANGE 3 - 18 GHz (worst-case):

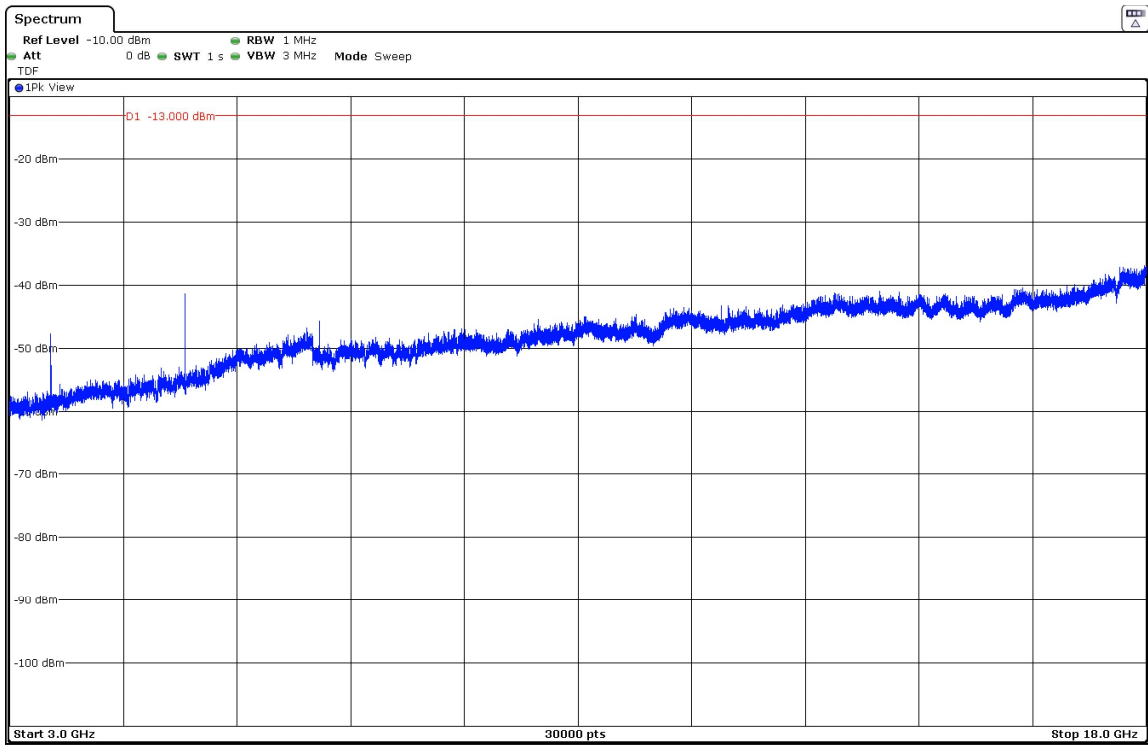
- Low Channel:



- Middle Channel:



- High Channel:



• **DC\_2A\_n71A + LTE Band 71:**

A preliminary scan determined the worst-case:

- 1) DC\_2A\_n71A (Module NAD2):
  - 2A: QPSK, BW=20 MHz, RB=1, Offset=99.
  - n71A: Pi/2 BPSK, BW=15 MHz, SCS=15 kHz, RB=39, Offset=40.
- 2) LTE Band 71 (Module NAD1):
  - 71: QPSK, BW=20 MHz (for Low and High Channels), BW=10 MHz (for Middle Channel), RB=1, Offset=0.

The following results are the ones of the worst-case.

**- LOW 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.

**- MIDDLE CHANNEL:**

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

Spurious frequencies at less than 20 dB below the limit:

Spurious frequency (GHz)	E.I.R.P (dBm)	Polarization	Detector
703.875	-27.49	V	Peak

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

Spurious frequencies at less than 20 dB below the limit:

Spurious frequency (GHz)	E.I.R.P (dBm)	Polarization	Detector
1.9926333	-28.69	V	Peak

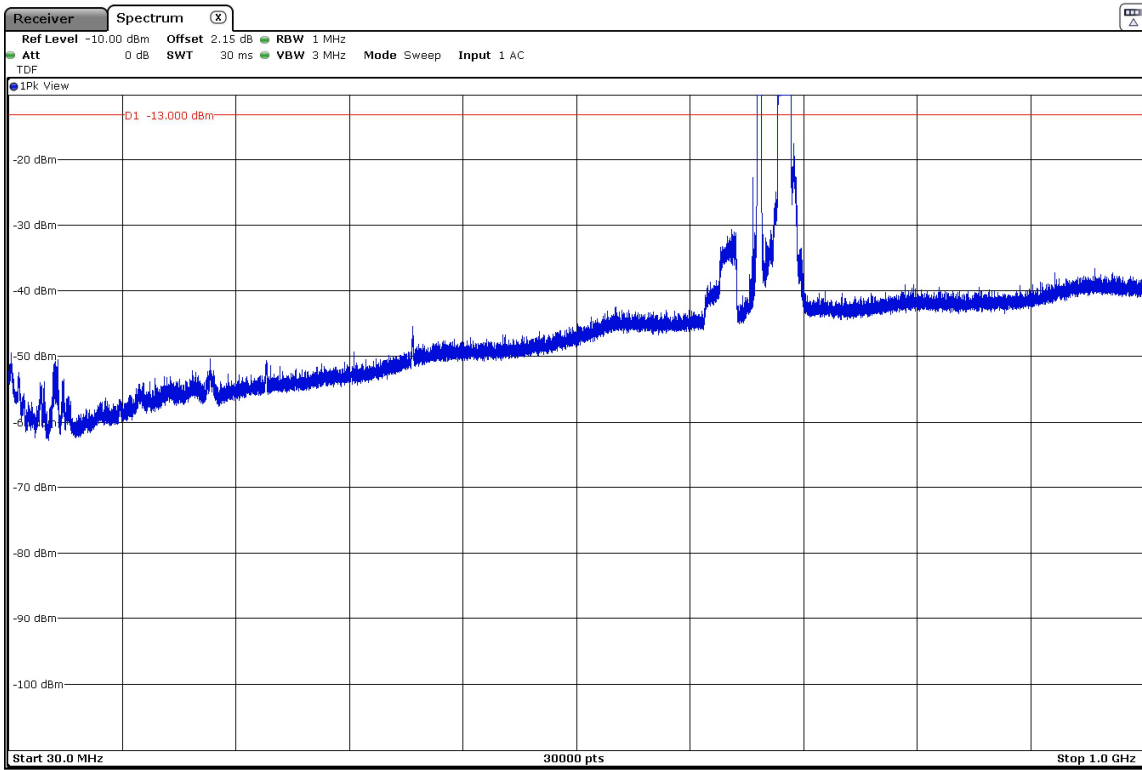
Measurement Uncertainty (dB) <math>\leq \pm 4.99</math> for  $f < 1$  GHz  
 <math>\leq \pm 4.98</math> for  $f \geq 1$  GHz up to 17 GHz  
 <math>\leq \pm 5.08</math> for  $f \geq 17$  GHz up to 18 GHz

Verdict: PASS



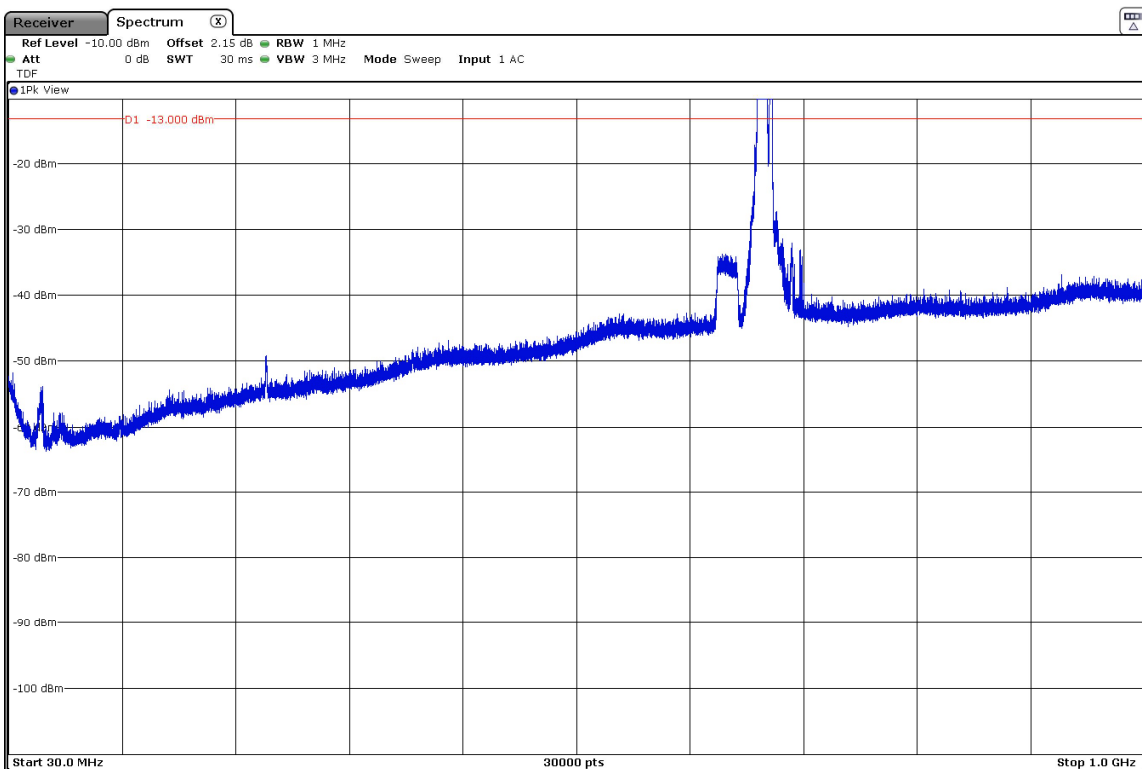
### FREQUENCY RANGE 30 MHz - 1 GHz (worst-case):

- Low Channel:



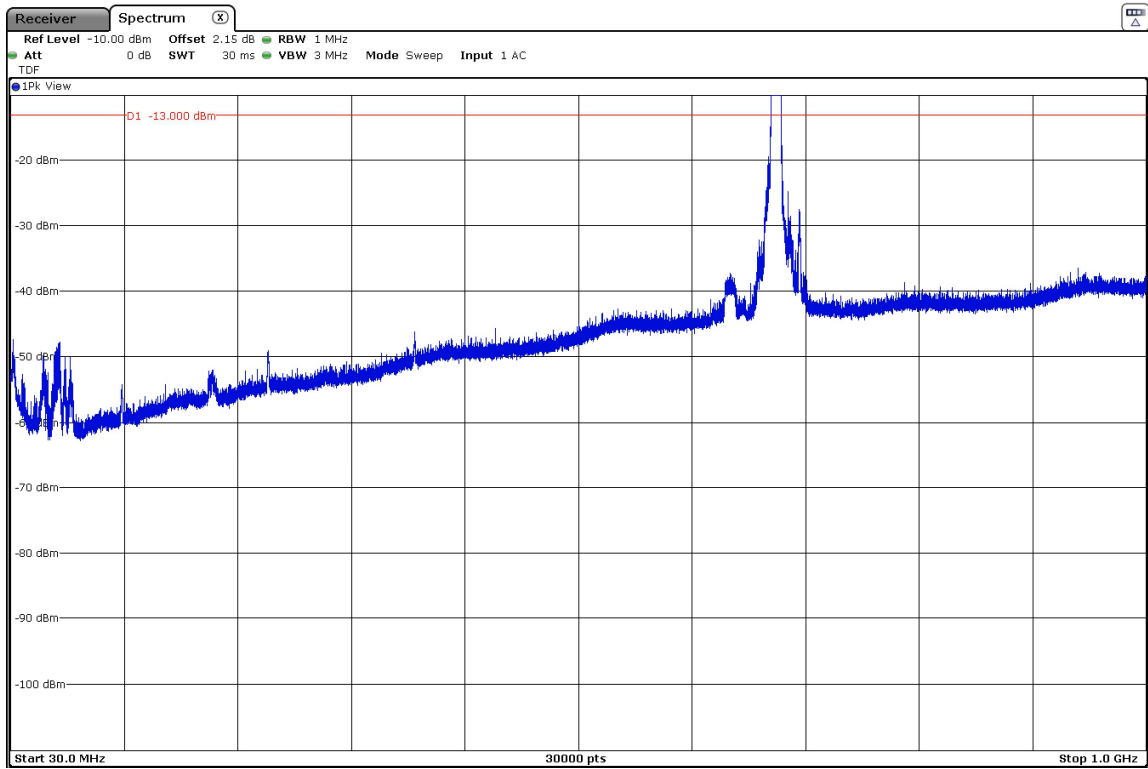
The peaks at 670.5 MHz (n71A) and 688 MHz (LTE 71) above the limit are the carrier frequencies. The peak at 642MHz corresponds to the downlink signal of LTE 71.

- Middle Channel:



The peaks at 680.5 MHz (n71A) and 693 MHz (LTE 71) above the limit are the carrier frequencies. The peak at 647MHz corresponds to the downlink signal of LTE 71.

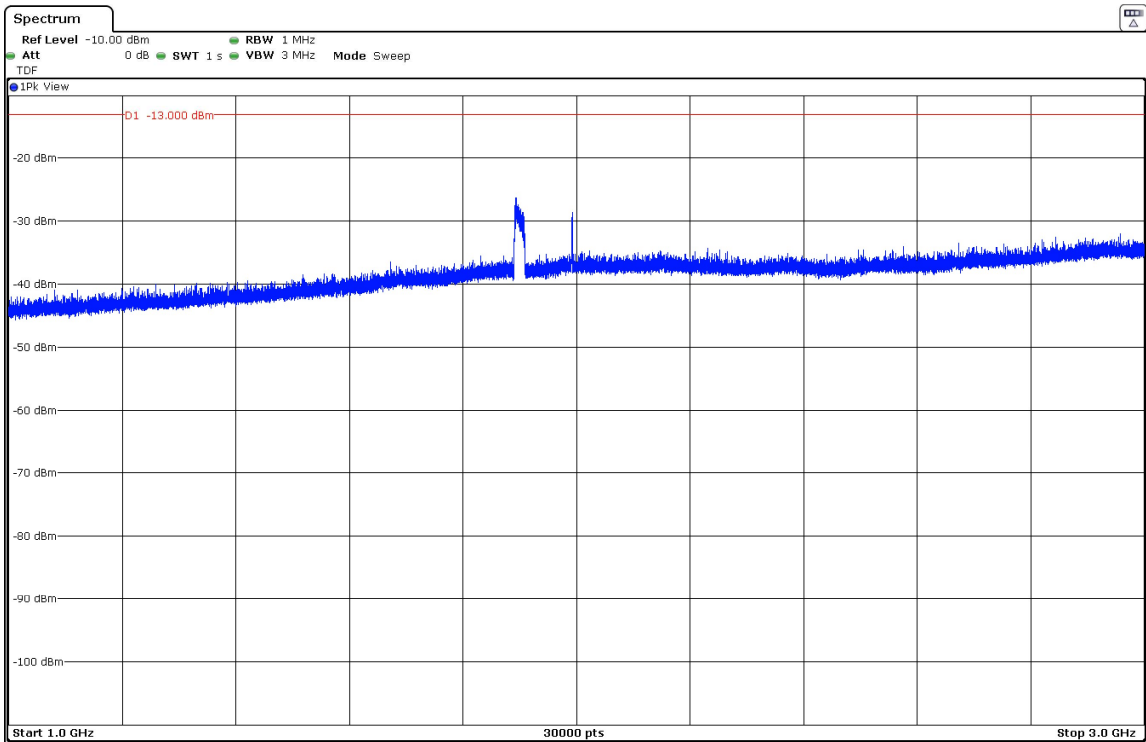
- High Channel:



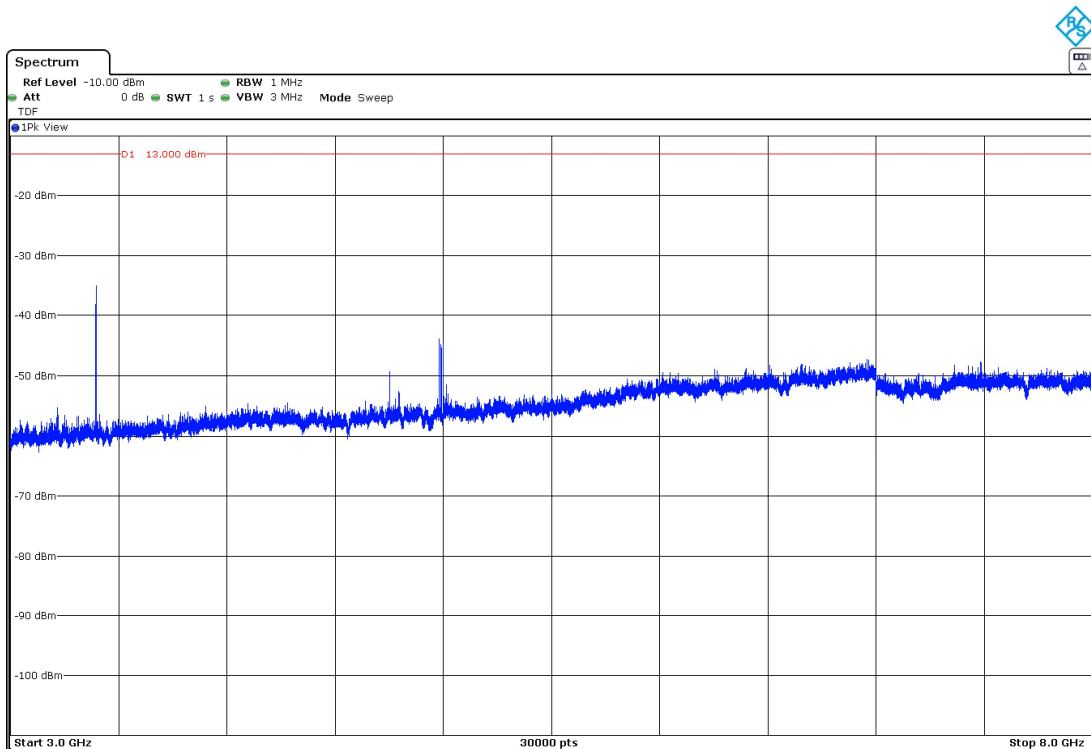
The peaks at 690.5 MHz (n71A) and 673 MHz (LTE 71) above the limit are the carrier frequencies.

### FREQUENCY RANGE 1 - 8 GHz (worst-case):

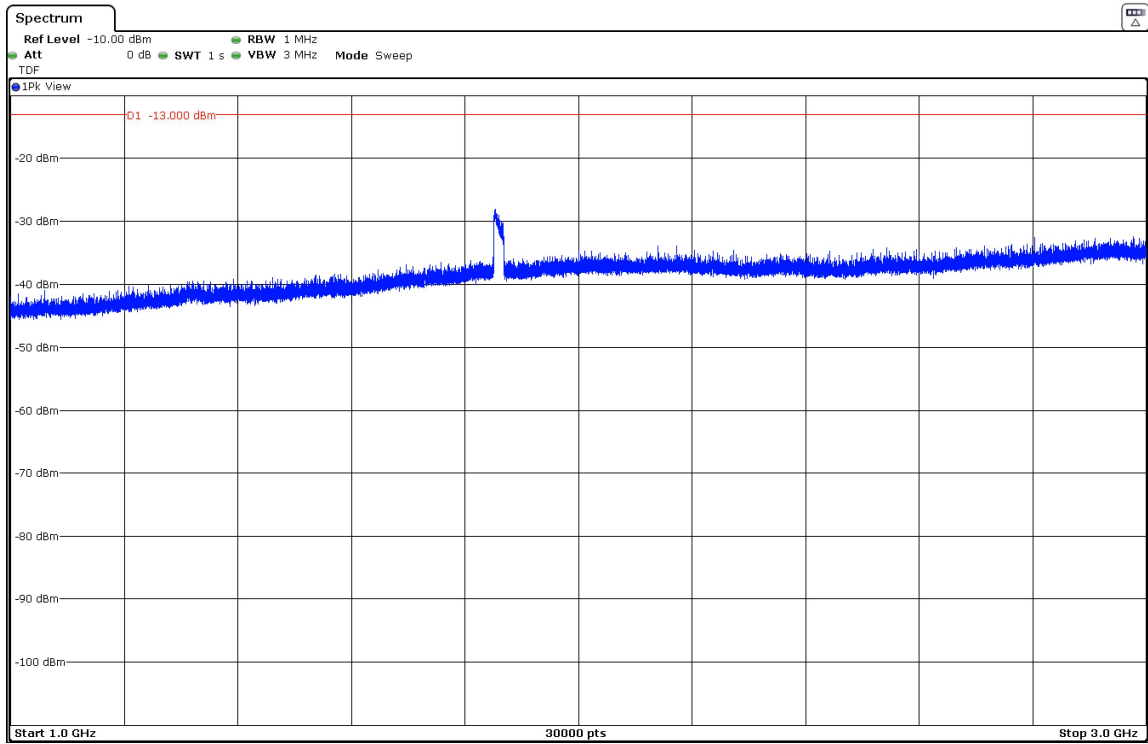
- Low Channel:



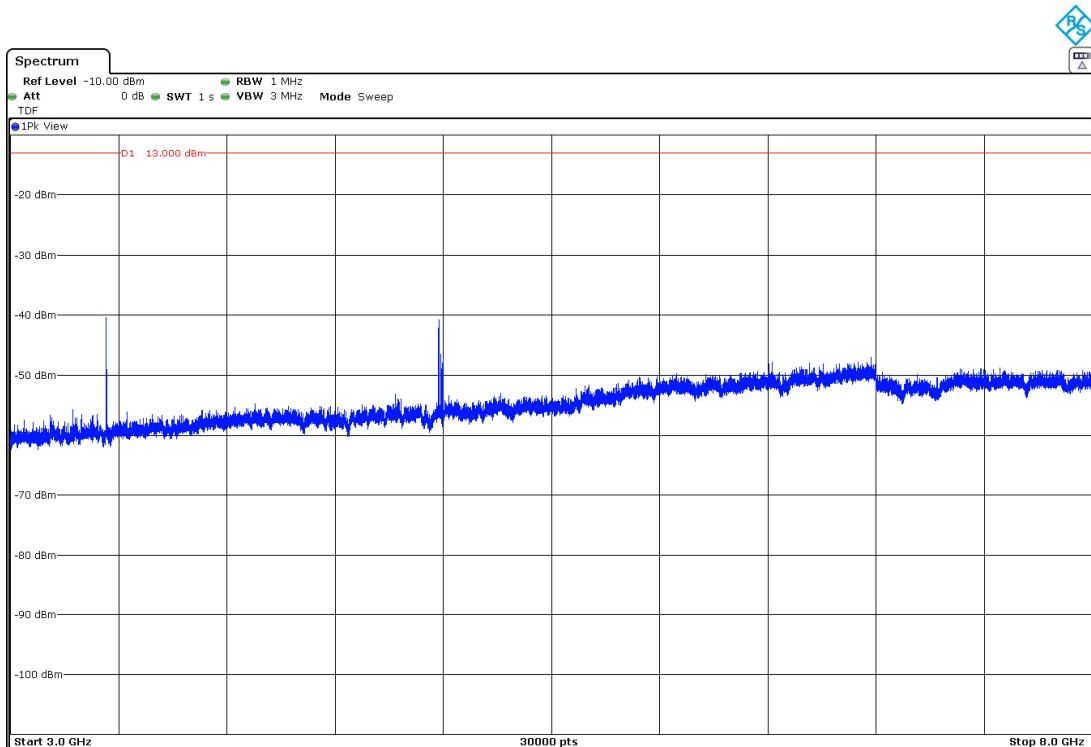
The peaks at 1860 MHz and 1940 MHz are the LTE UL and DL of DC\_2A\_n71A.



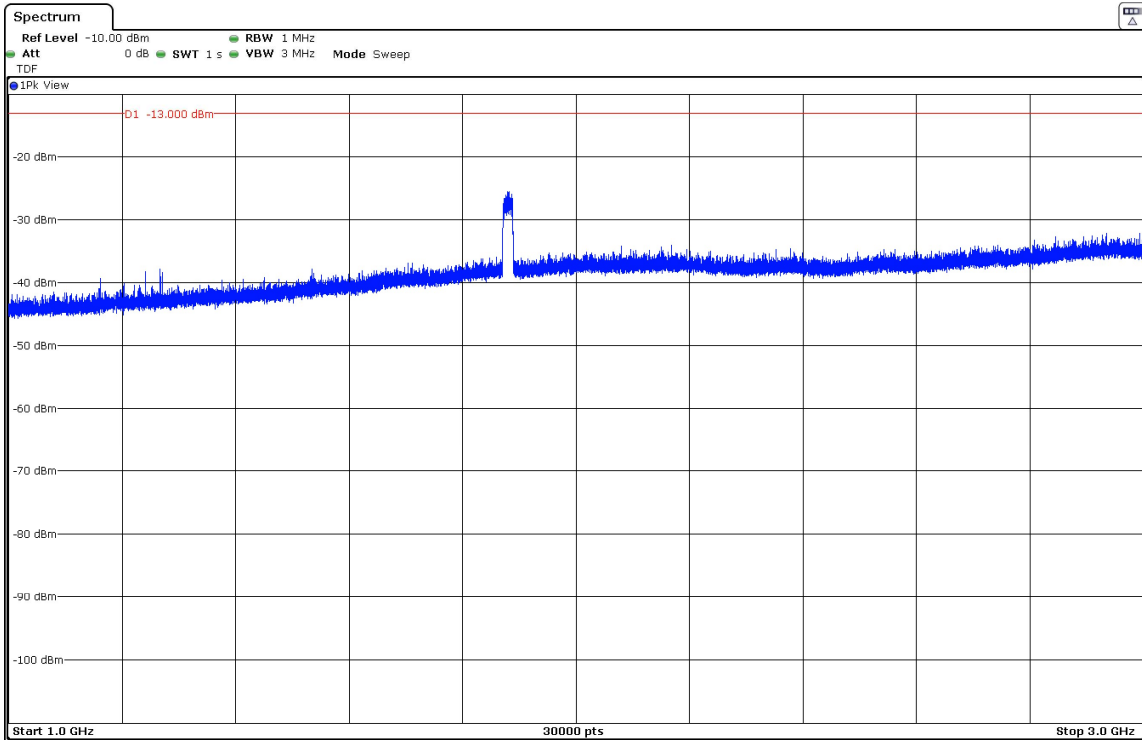
- Middle Channel:



The peak at 1880 MHz is the LTE UL and DL of DC\_2A\_n71A.



- High Channel:



The peaks at 1900 MHz corresponds to the UL of DC\_2A\_n71A.

