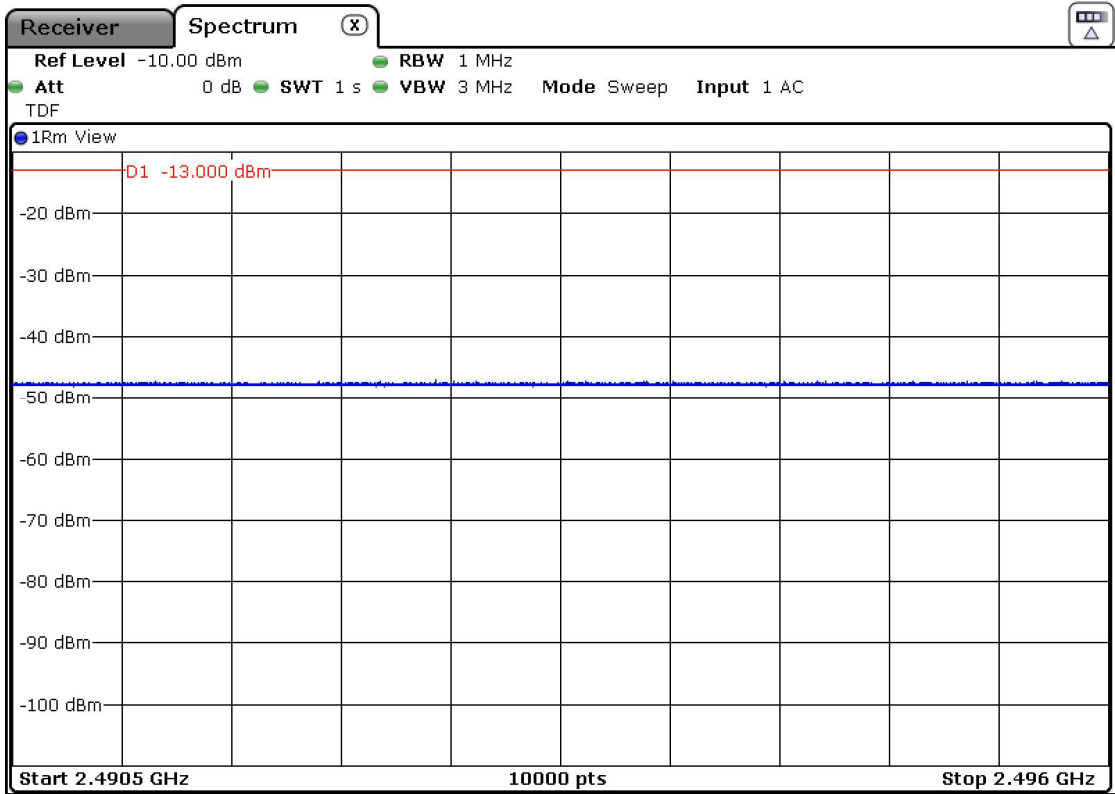
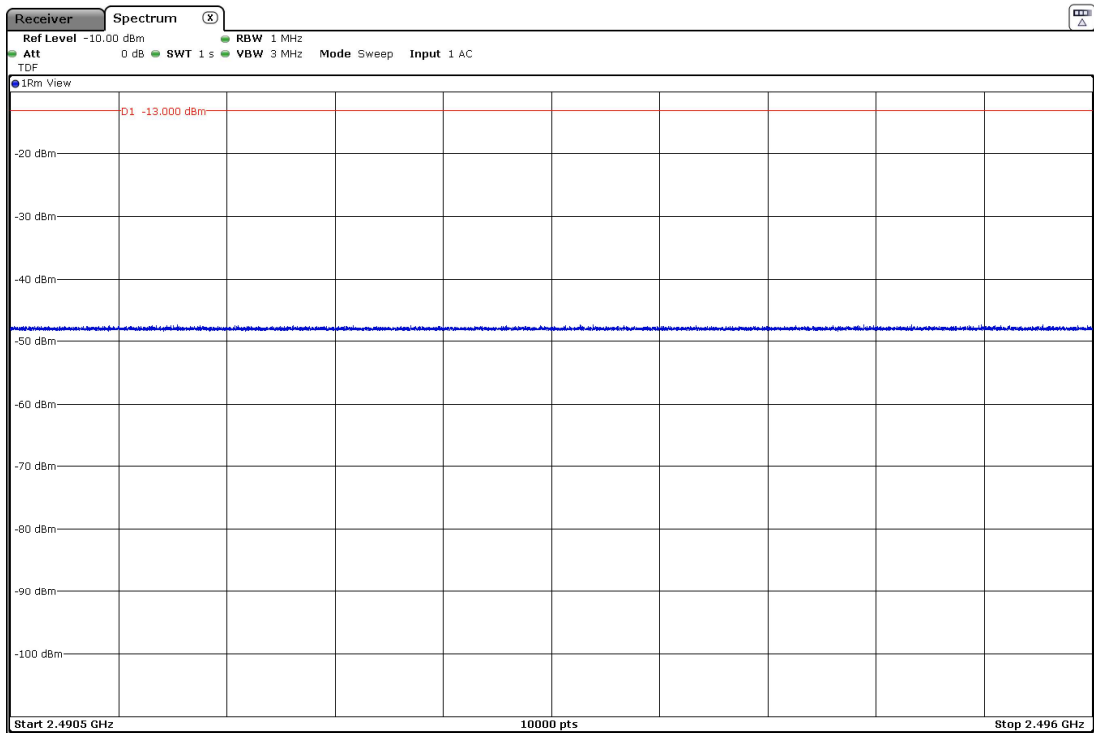


- Middle Channel:



- 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:

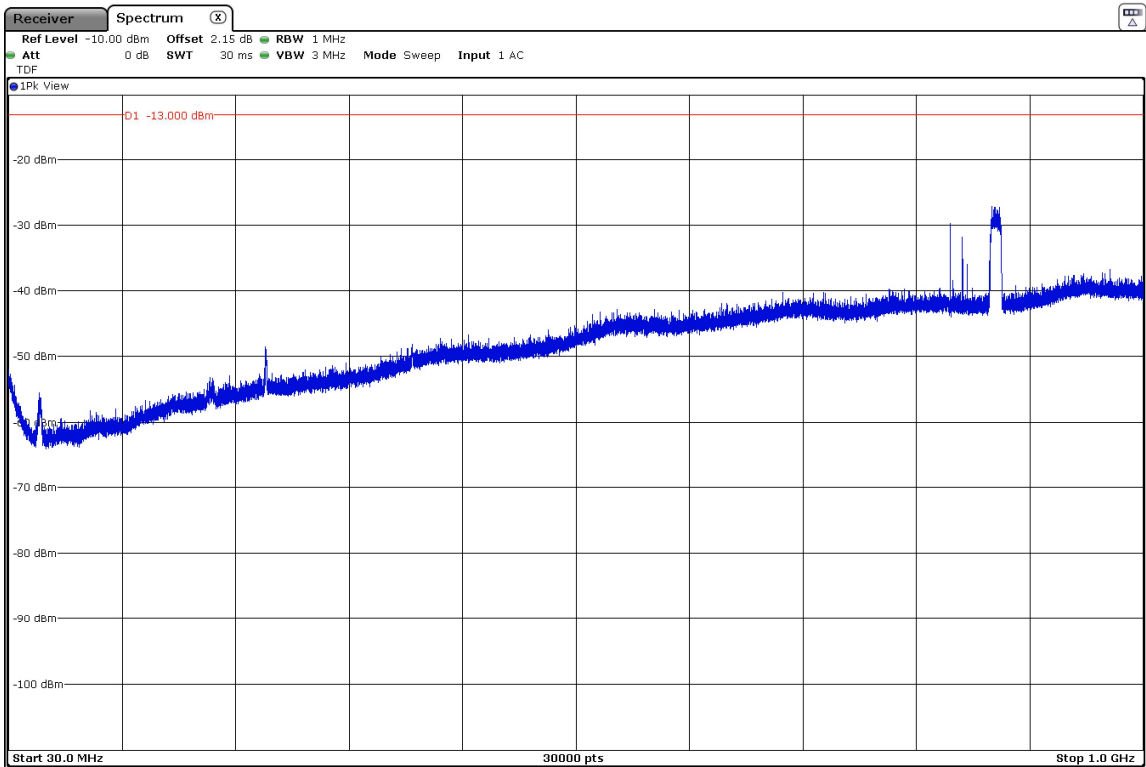
No spurious frequencies at less than 20 dB below the limit.

	<± 4.99 for f < 1 GHz
Measurement Uncertainty (dB)	<± 4.98 for f ≥ 1 GHz up to 17 GHz
	<± 5.08 for f ≥ 17 GHz up to 18 GHz

Verdict: PASS

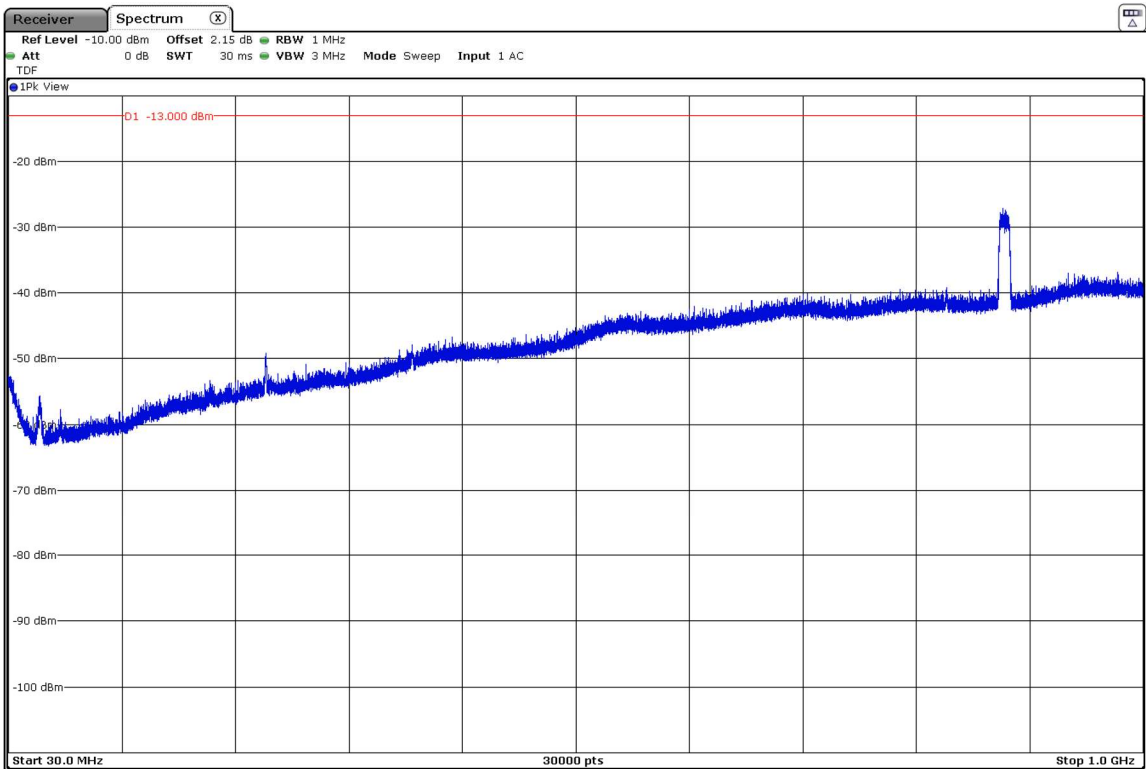
FREQUENCY RANGE 30 MHz - 1 GHz (worst-case):

- Low Channel:



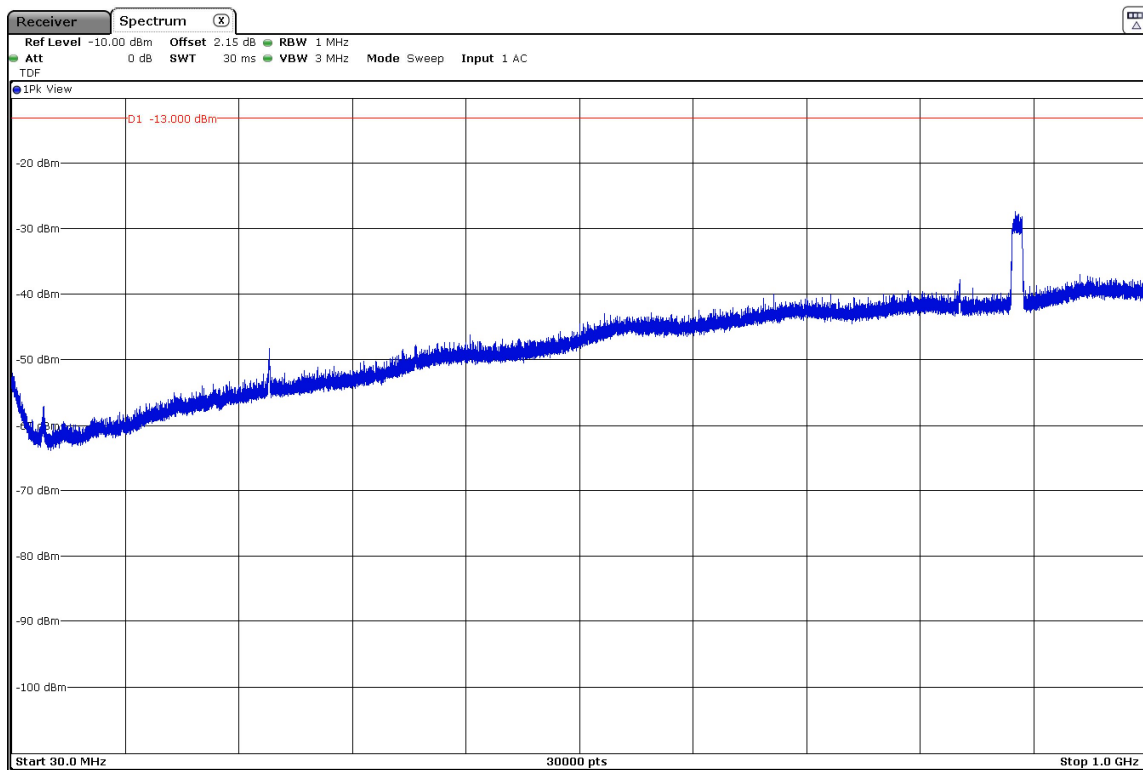
The peaks correspond to the LTE signal downlink and uplink of DC_5A_n66A.

- Middle Channel:



The peak corresponds to the LTE signal downlink of DC_5A_n66A.

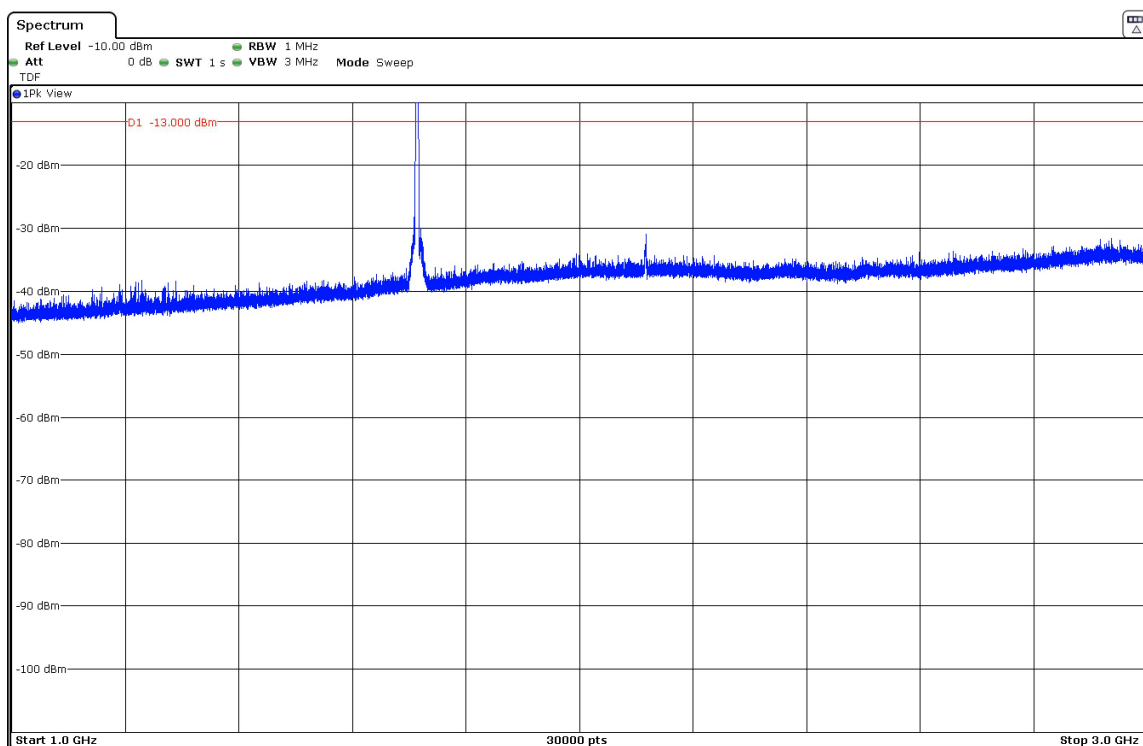
- High Channel:



The peak corresponds to the LTE signal downlink of DC_5A_n66A.

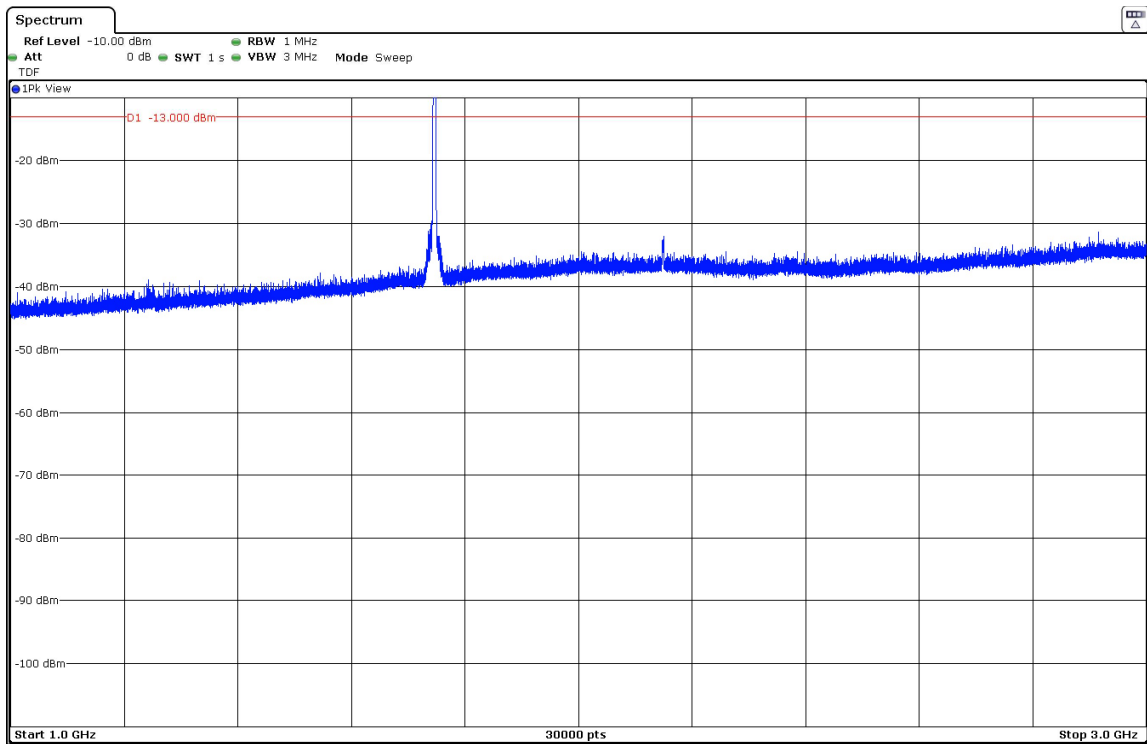
FREQUENCY RANGE 1 - 3 GHz (worst-case):

- Low Channel:



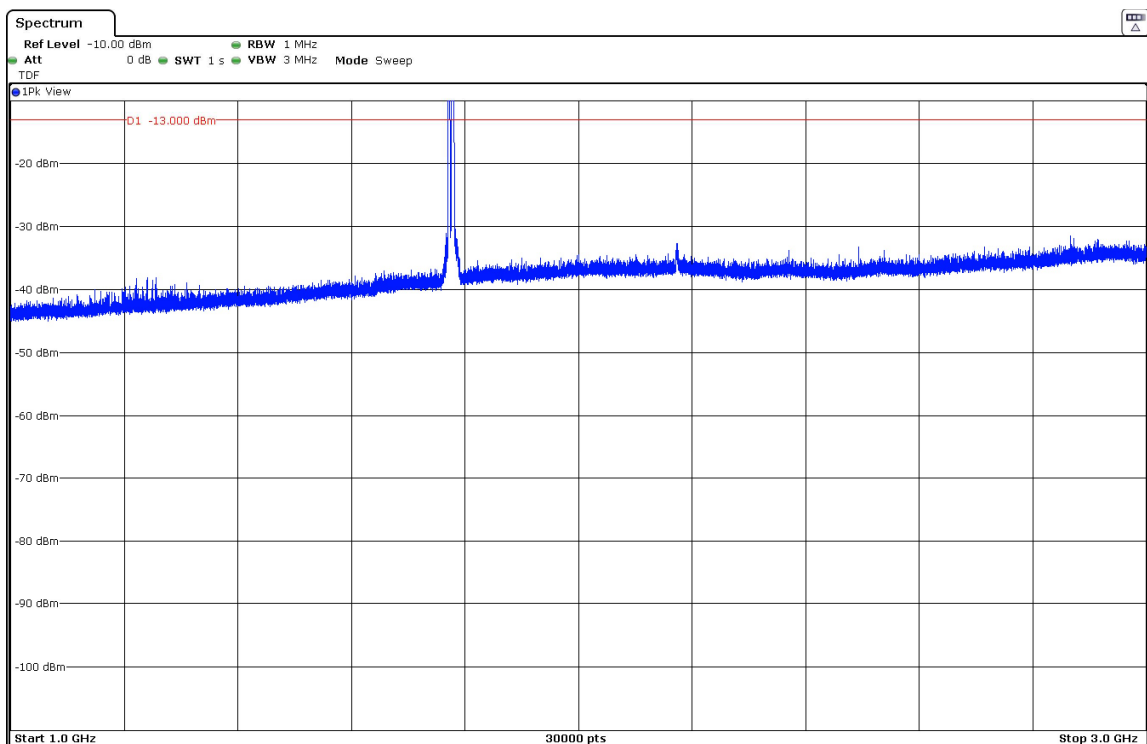
The peaks at 1712.5 MHz (n66A) and 1716.5 MHz (LTE 66) to above the limit are the carrier frequencies. The peak at 2112.5MHz corresponds to the downlink signal of DC_5A_n66A.

- 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.

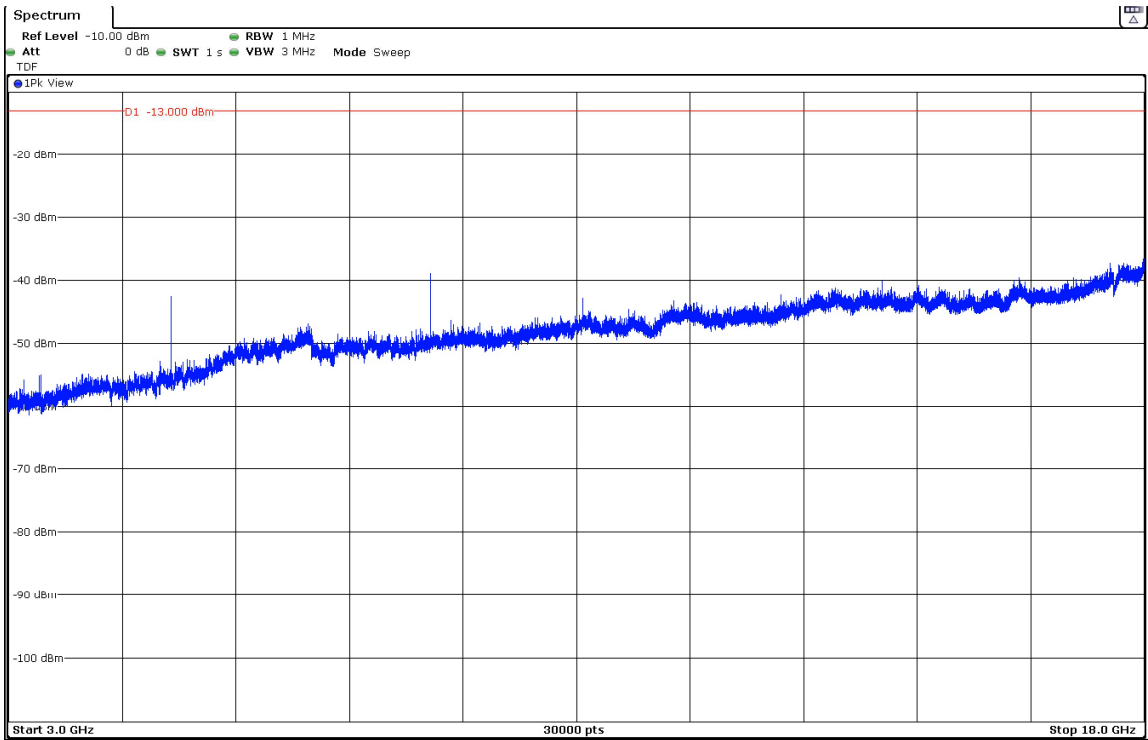
- High Channel:



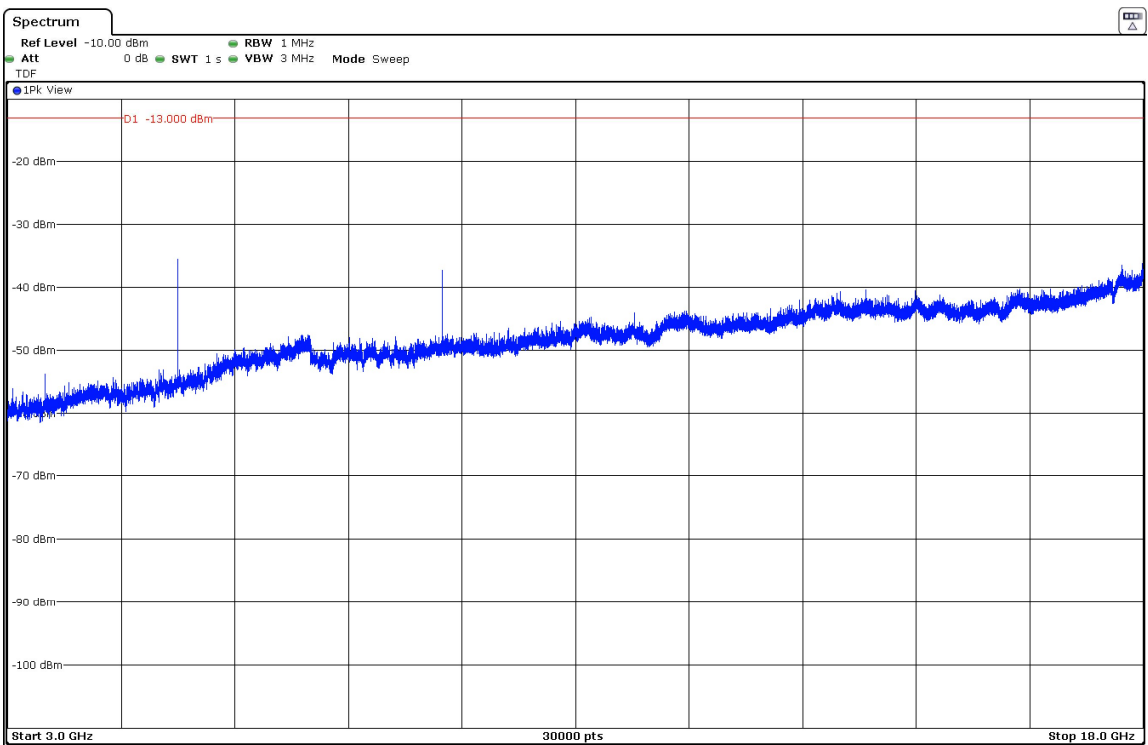
The peaks at 1777.5 MHz (n66A) and 1773.5 MHz (LTE 66) to above the limit are the carrier frequencies. The peak at 2177.5MHz corresponds to the downlink signal of DC_5A_n66A.

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

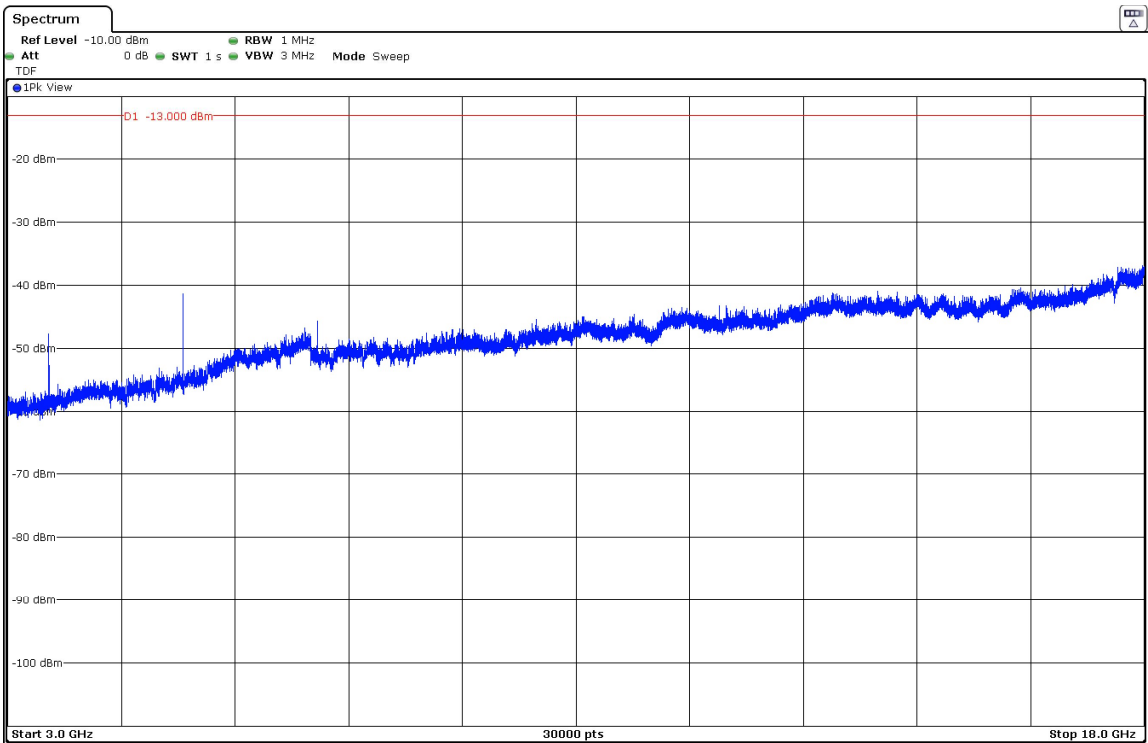
- Low Channel:



- 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:

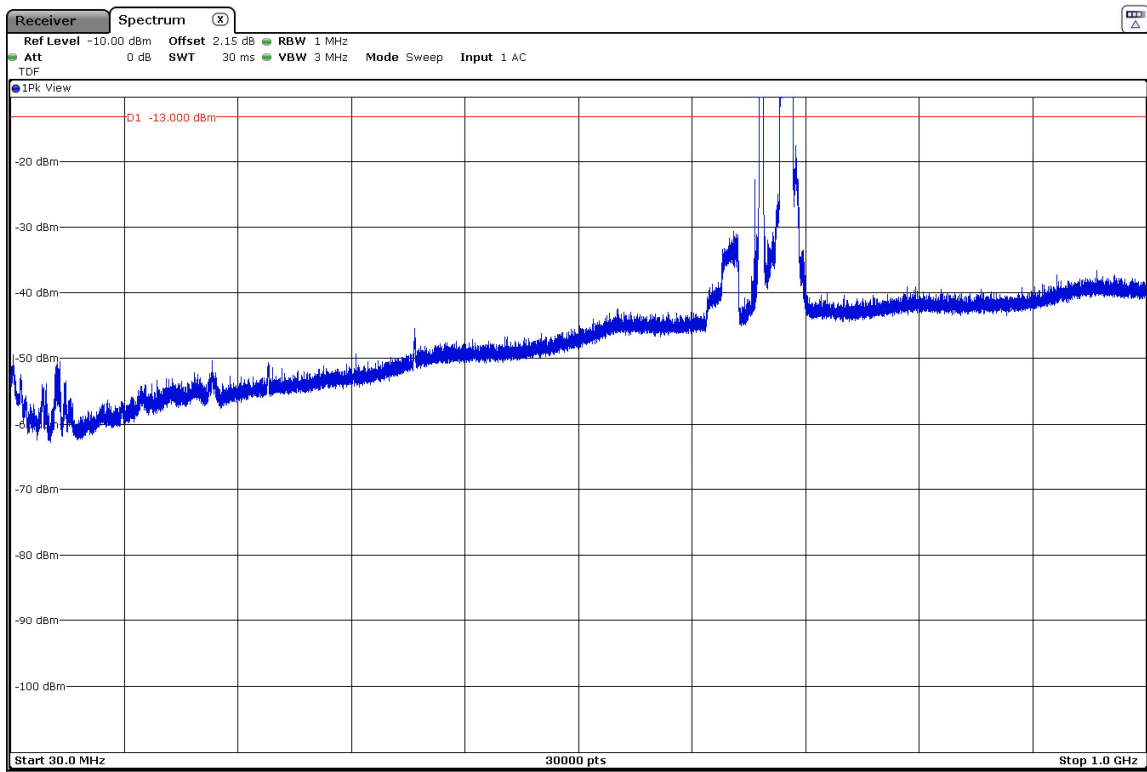
Spurious frequency (GHz)	E.I.R.P (dBm)	Polarization	Detector
1.9926333	-28.69	V	Peak

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

Verdict: PASS

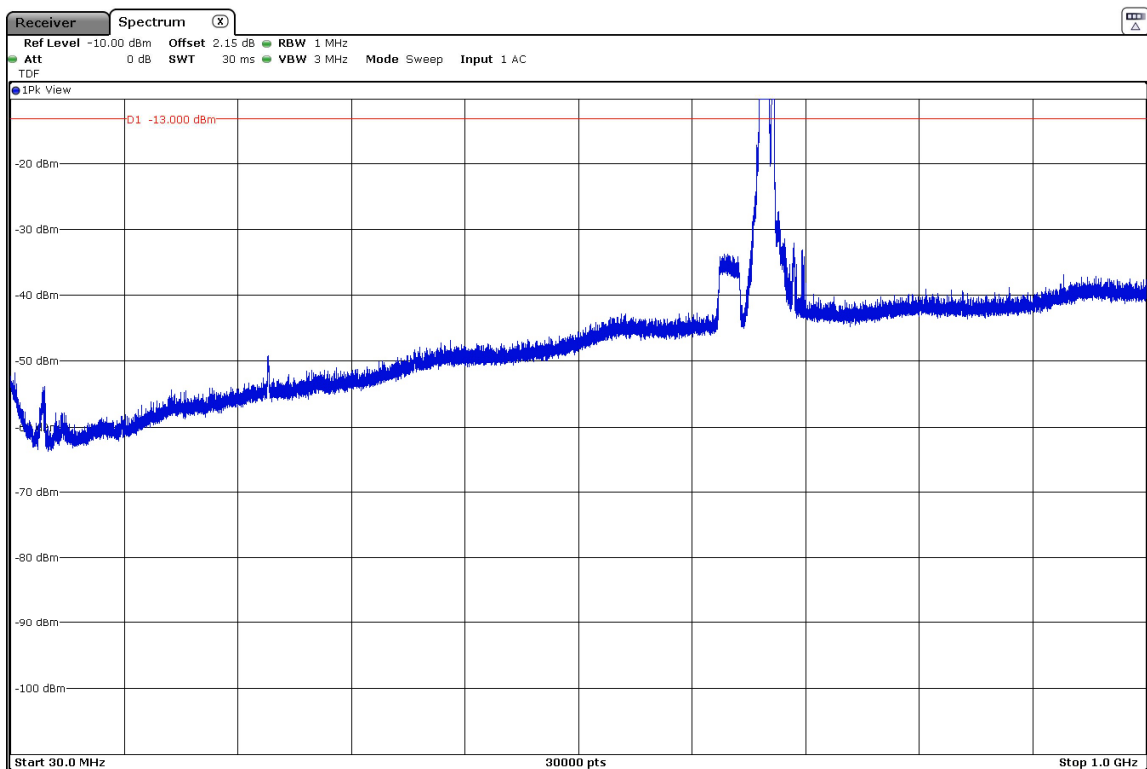
FREQUENCY RANGE 30 MHz - 1 GHz (worst-case):

- Low Channel:



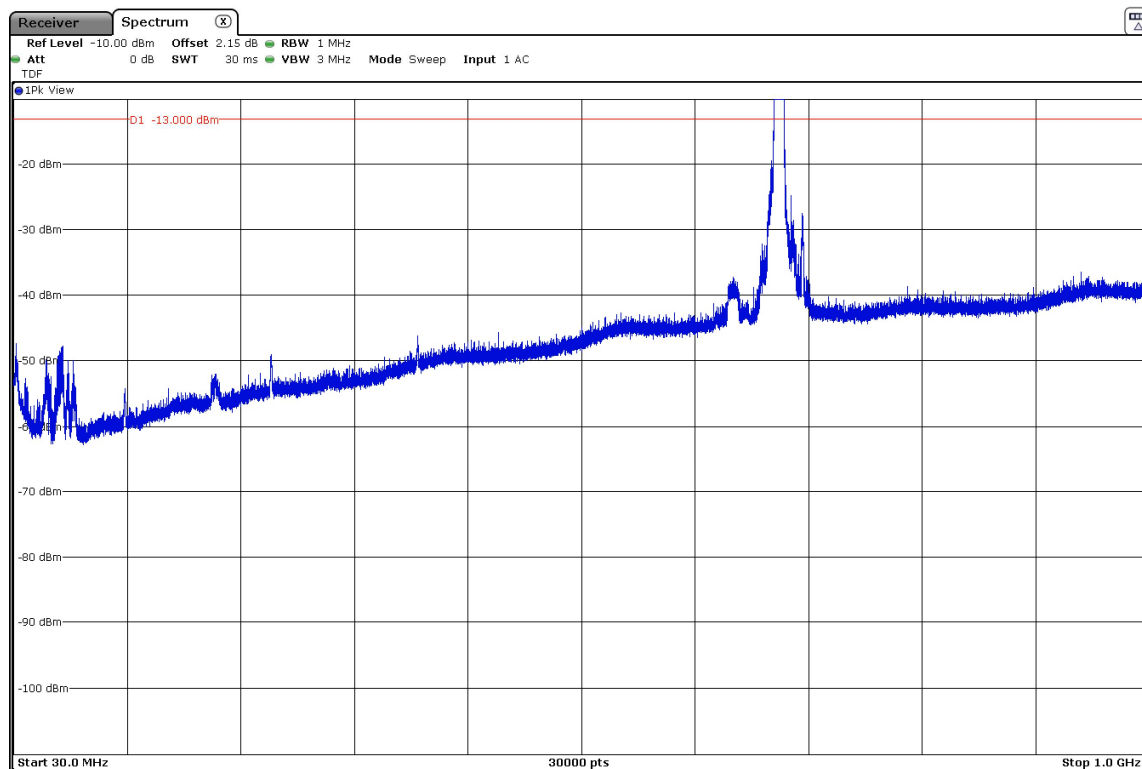
The peaks at 670.5 MHz (n71A) and 688 MHz (LTE 71) above the limit are the carrier frequencies. The peak at 642MHz corresponds to the downlink signal of LTE 71.

- 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.

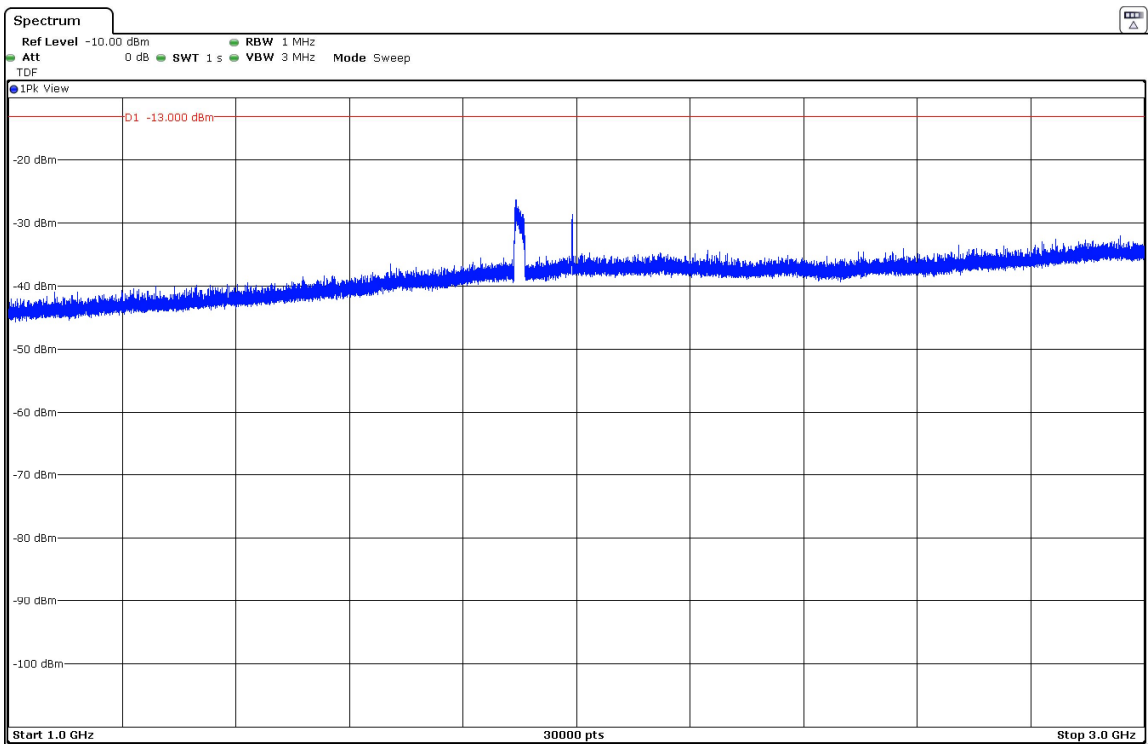
- High Channel:



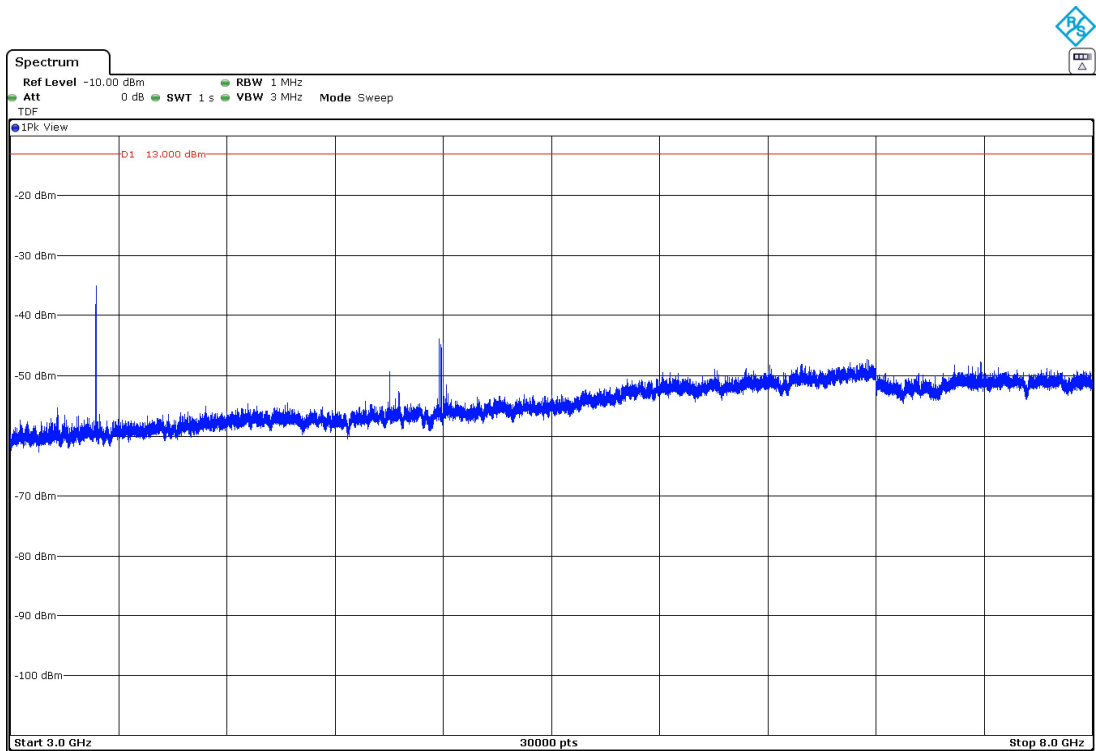
The peaks at 690.5 MHz (n71A) and 673 MHz (LTE 71) above the limit are the carrier frequencies.

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

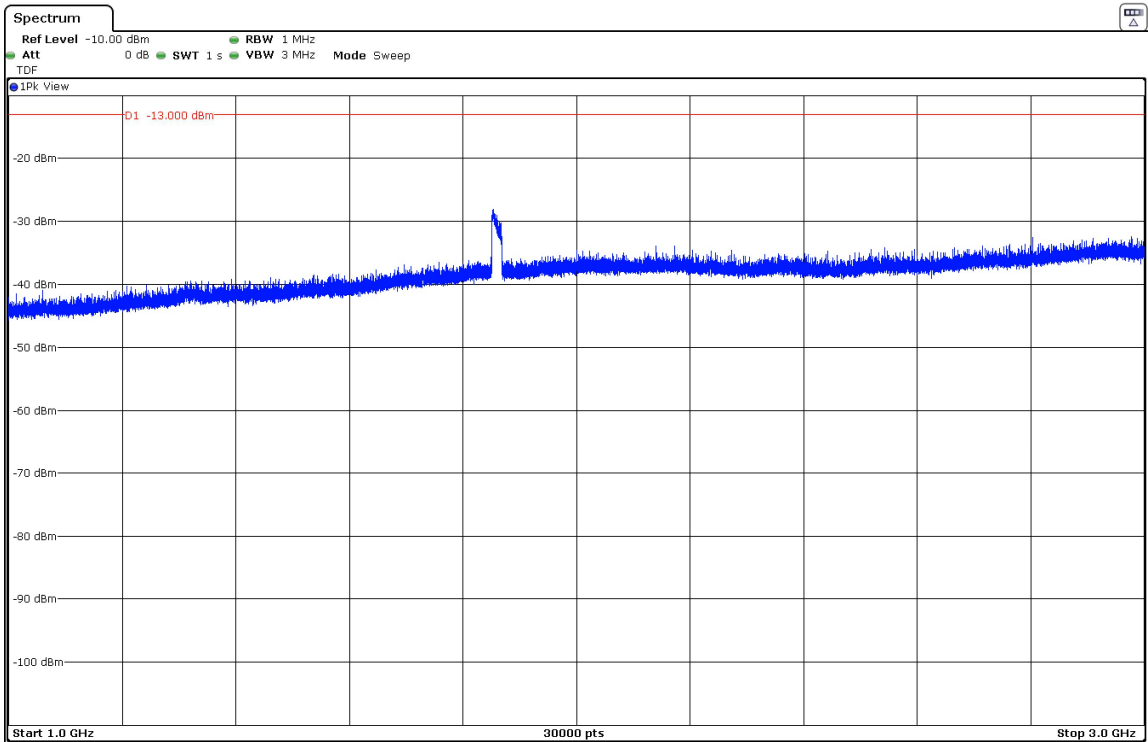
- Low Channel:



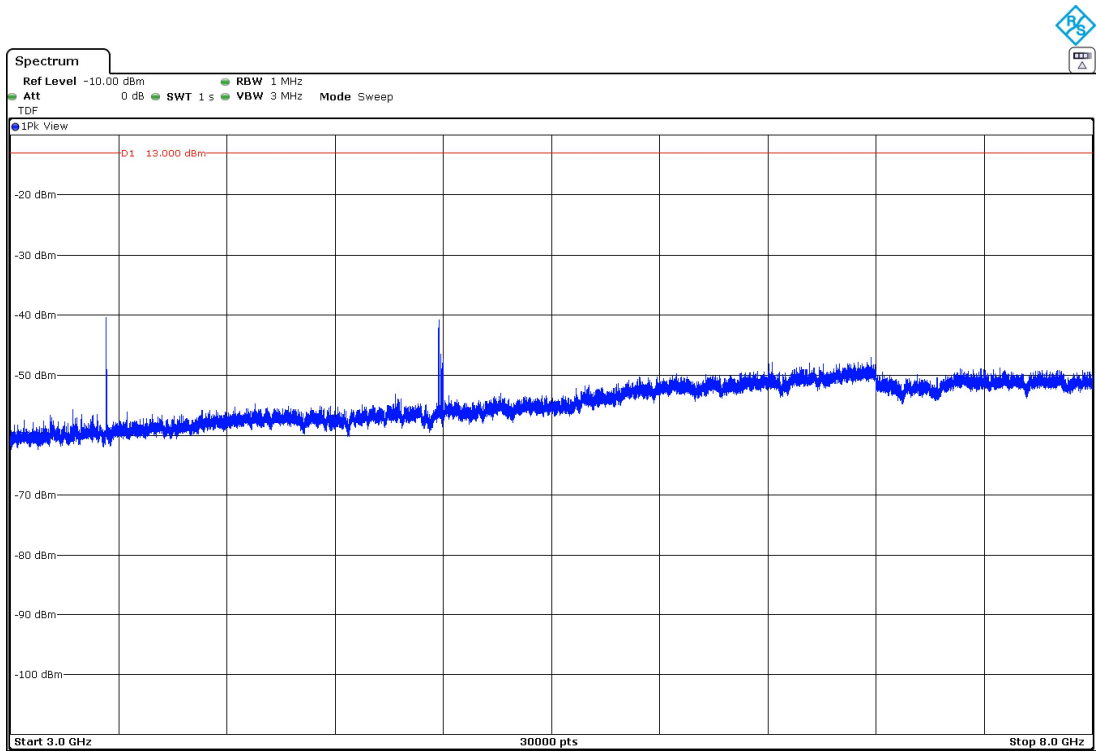
The peaks at 1860 MHz and 1940 MHz are the LTE UL and DL of DC_2A_n71A.



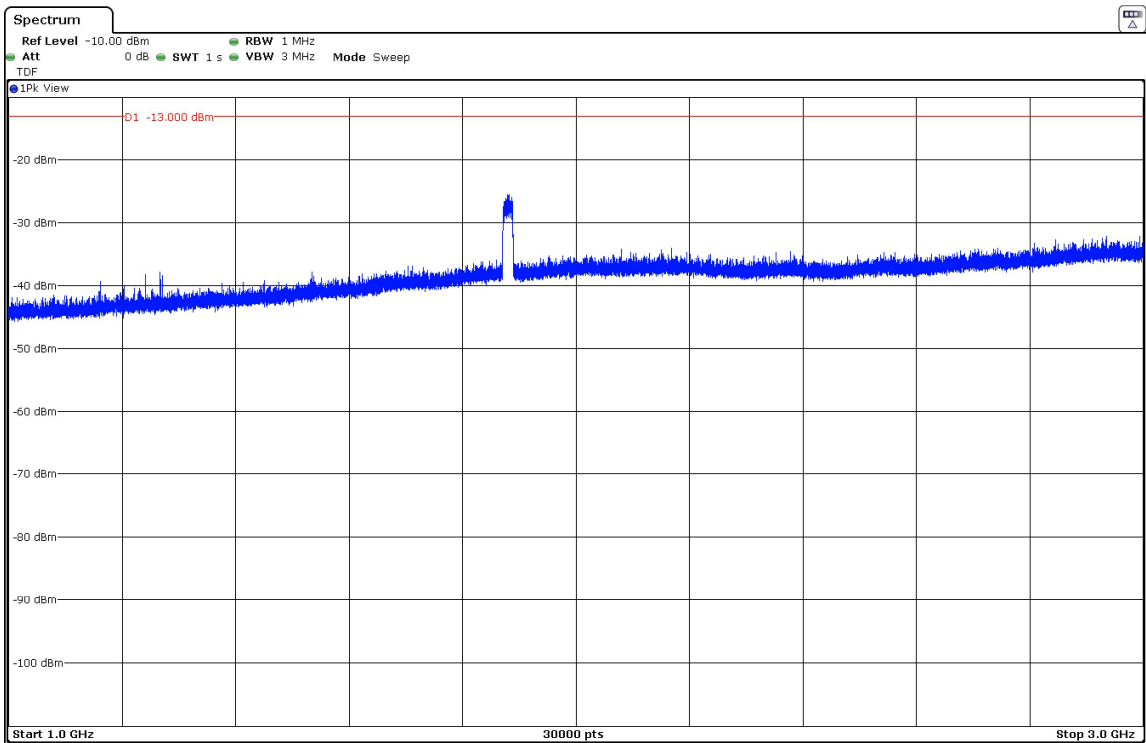
- Middle Channel:



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.

