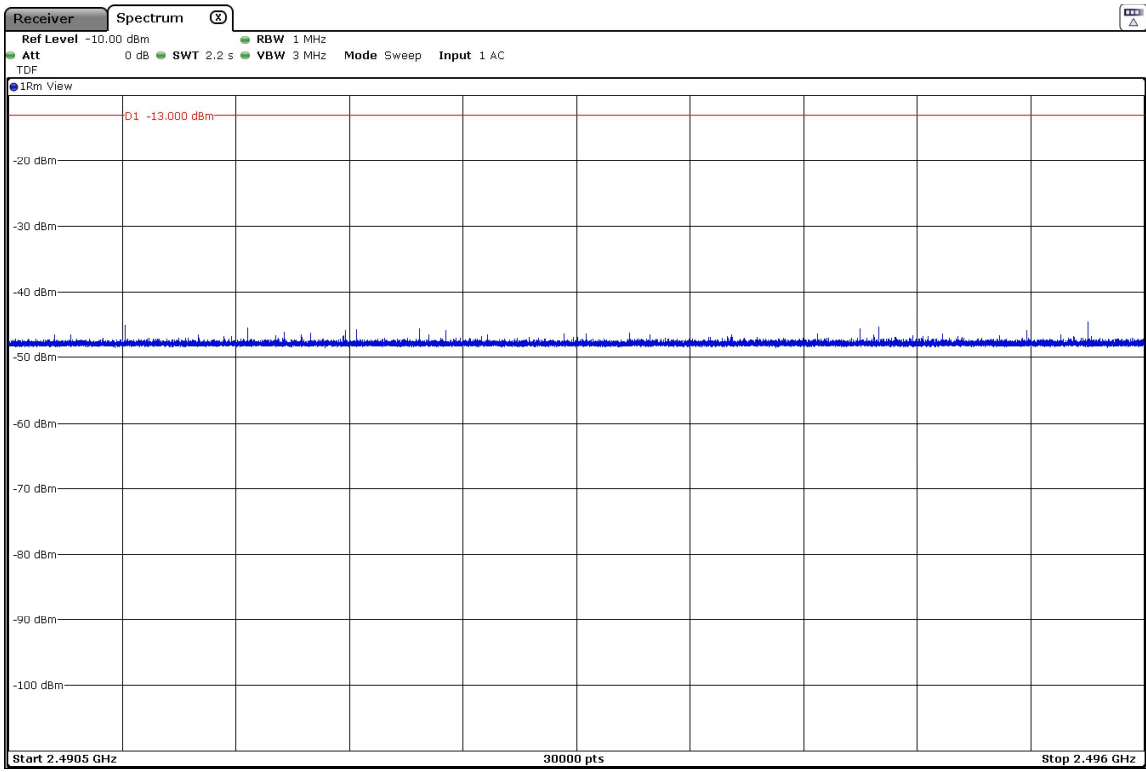
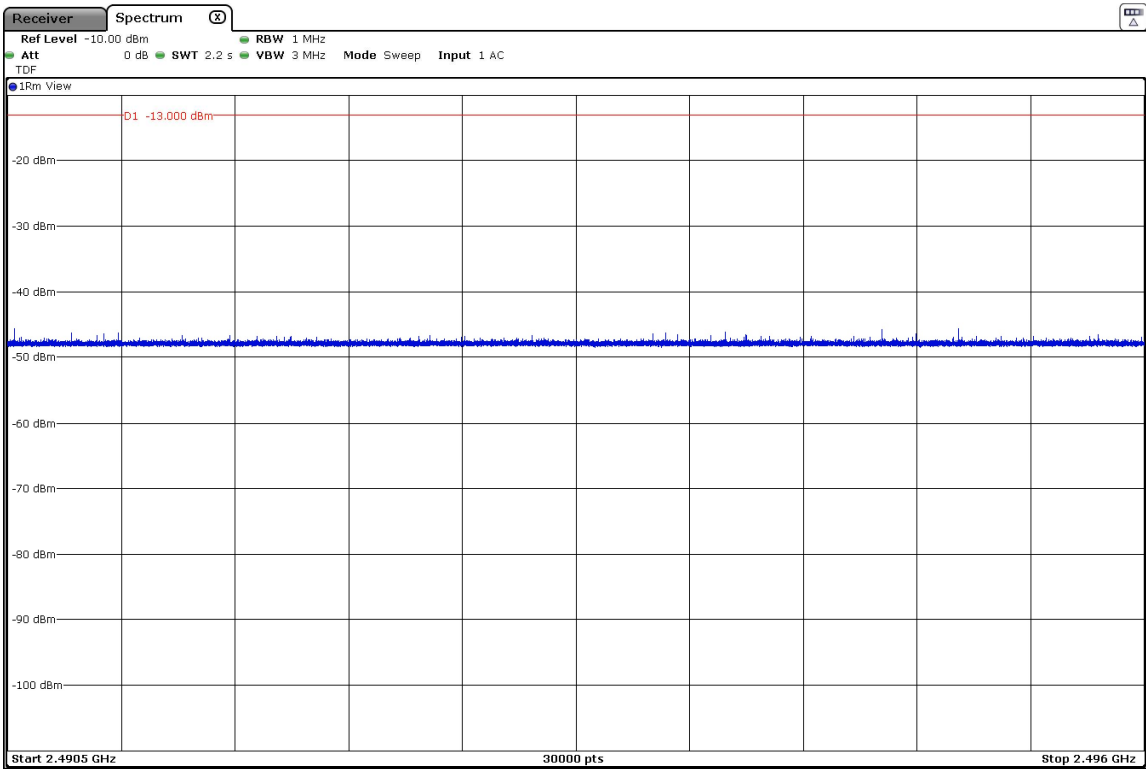


FREQUENCY RANGE 2490.5 - 2496 MHz (worst-case):

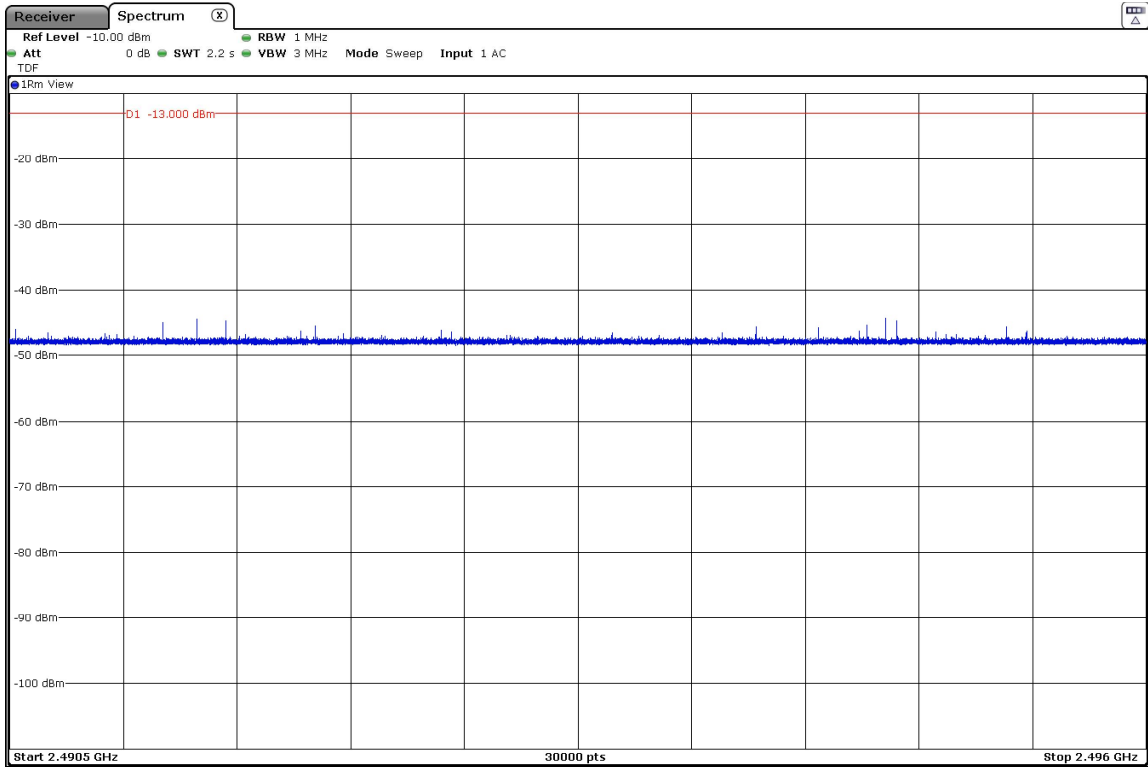
- Low Channel:



- Middle Channel:



- High Channel:



• **5G NR SA Band n41A + LTE Band 41:**

A preliminary scan determined the worst-case:

- 1) 5G NR SA Band n41A (Module NAD2):
 n41A: Pi/2 BPSK, BW=100 MHz, SCS=30 kHz, RB=136, Offset=0.
- 2) LTE Band 41 (Module NAD1):
 41: QPSK, BW=20 MHz, RB=1, Offset=50.

- LOW CHANNEL:

Frequency range 30 MHz - 1 GHz:

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

Frequency range 1 - 27 GHz:

Spurious frequencies at less than 20 dB below the limit:

Spurious frequency (GHz)	E.I.R.P (dBm)	Polarization	Detector
7.79075	-36.58	V	RMS

Frequency range 2490.5 - 2496 MHz:

Spurious frequency (GHz)	E.I.R.P (dBm)	Polarization	Detector
2.49482548	-31.52	H	RMS
2.49527648	-28.78	H	RMS
2.49540903	-22.99	H	RMS
2.49559493	-20.13	H	RMS
2.49597993	-23.71	V	RMS

- MIDDLE CHANNEL:

Frequency range 30 MHz - 1 GHz:

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

Frequency range 1 - 27 GHz:

Spurious frequencies at less than 20 dB below the limit:

Spurious frequency (GHz)	E.I.R.P (dBm)	Polarization	Detector
7.93175	-32.84	V	RMS

Frequency range 2490.5 - 2496 MHz:

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 - 27 GHz:

Spurious frequencies at less than 20 dB below the limit:

Spurious frequency (GHz)	E.I.R.P (dBm)	Polarization	Detector
7.71325	-32.26	V	RMS

Frequency range 2490.5 - 2496 MHz:

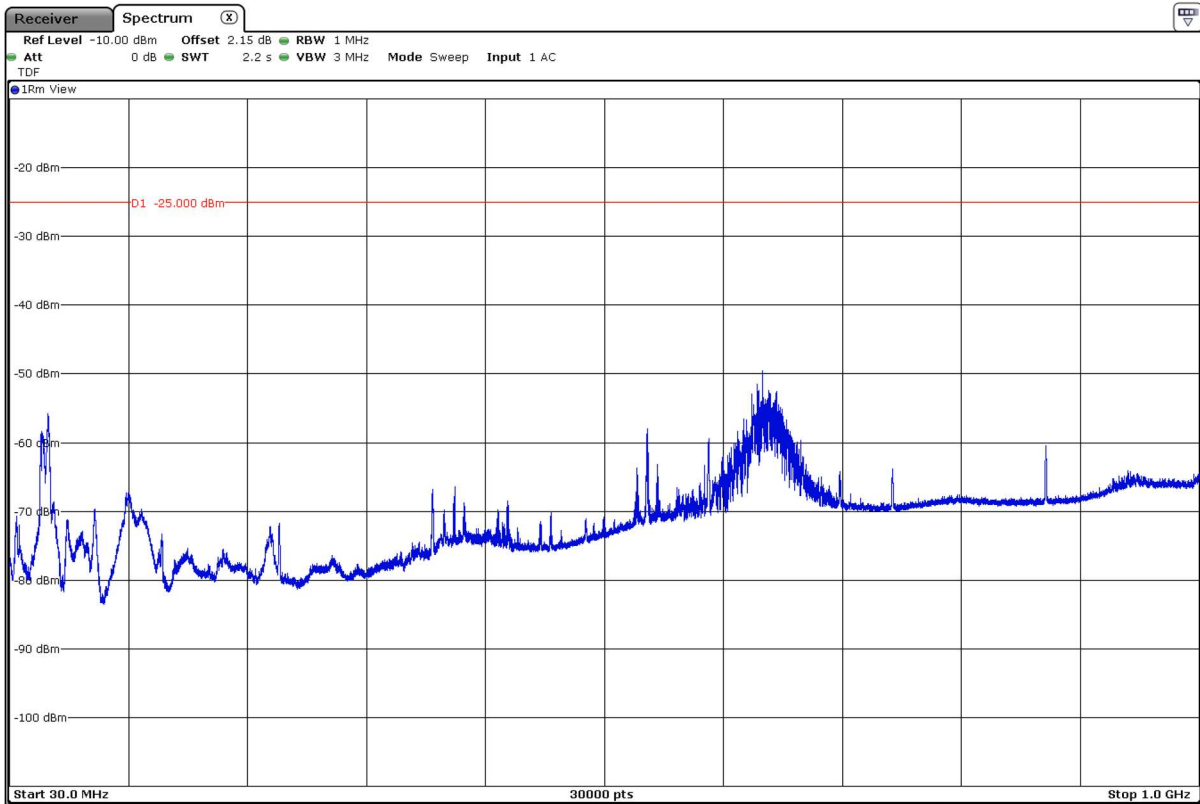
No spurious frequencies at less than 20 dB below the limit.

Measurement Uncertainty (dB) <math><\pm 5.08</math> for $f < 1</math> GHz
<math><\pm 5.13</math> for $f \geq 1</math> GHz up to 17 GHz
<math><\pm 4.82</math> for $f \geq 17</math> GHz up to 26 GHz$$$

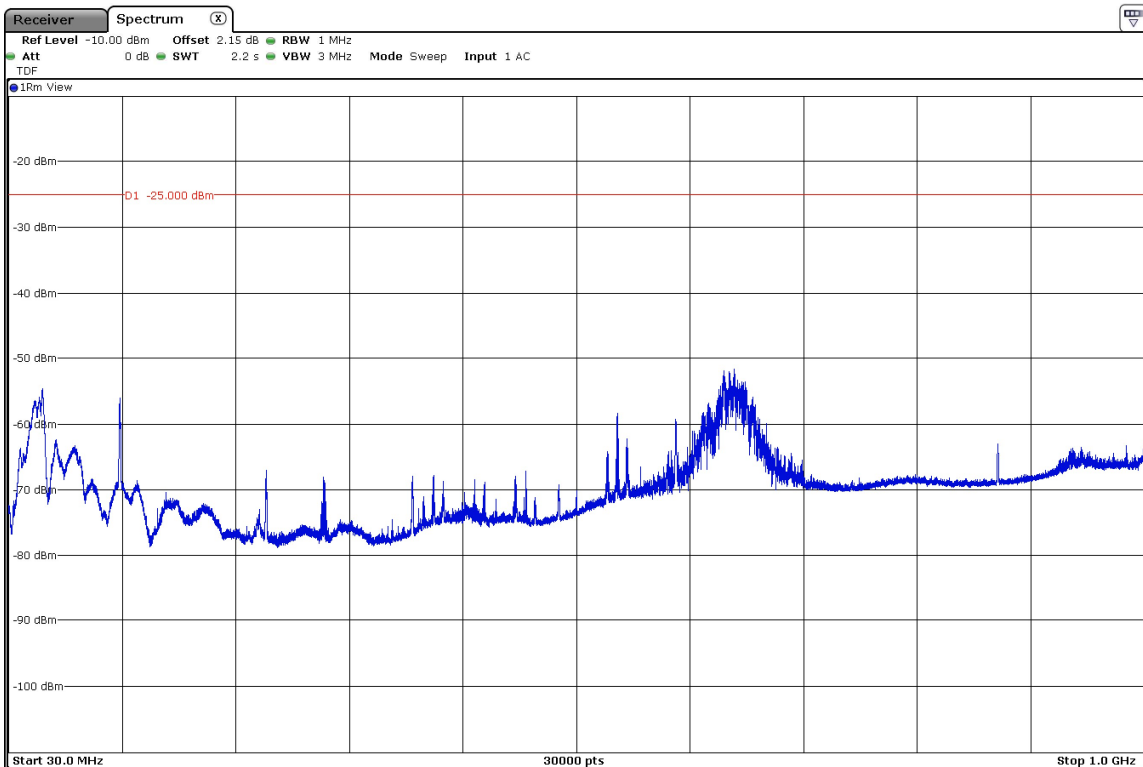
Verdict: PASS

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

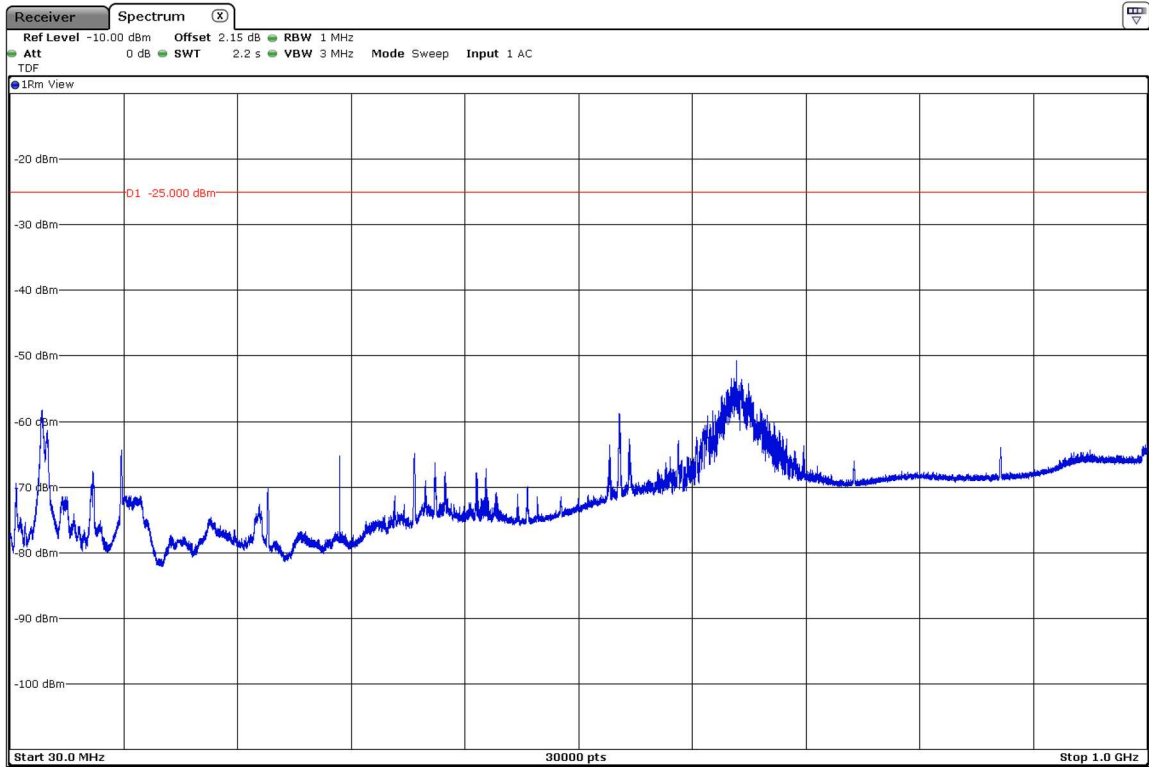
- Low Channel:



- Middle Channel:

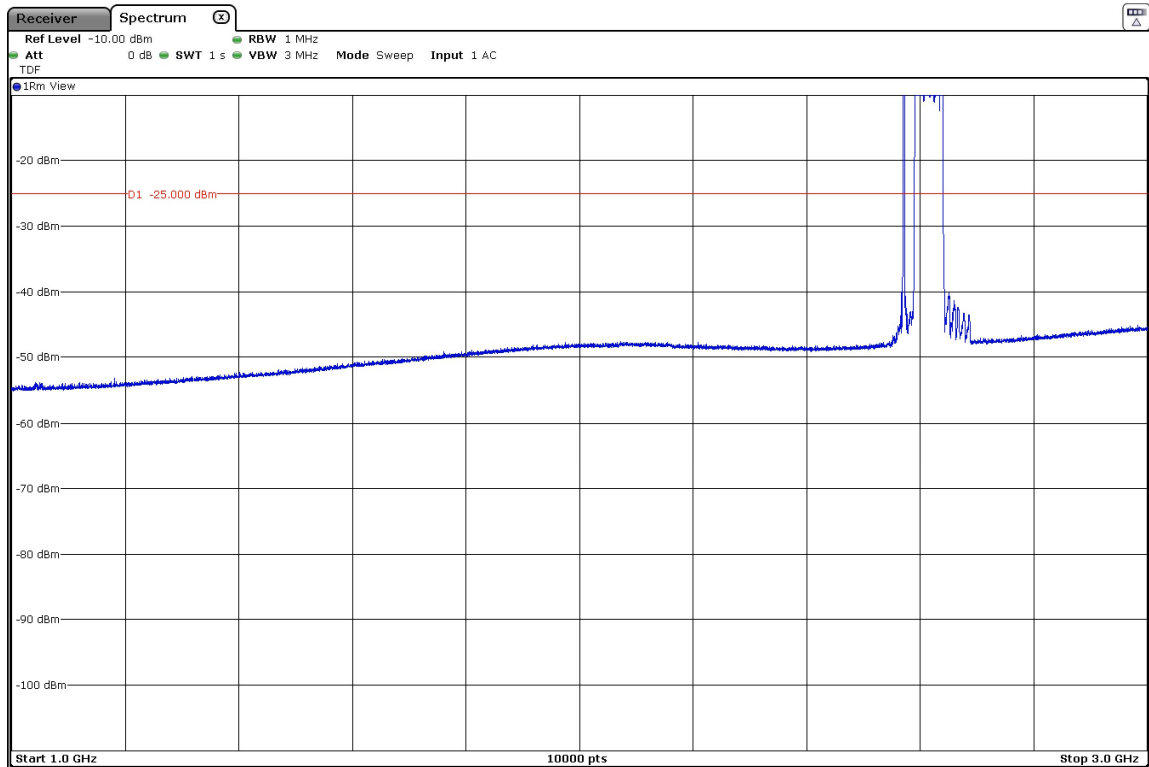


- High Channel:



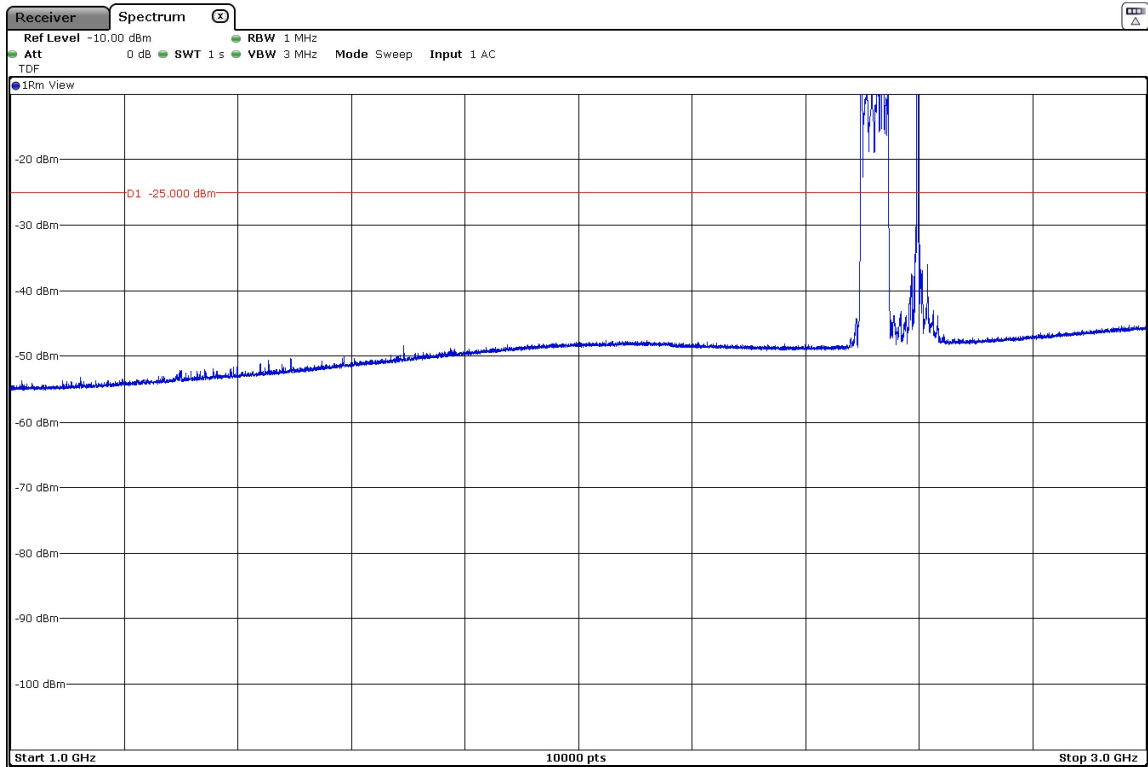
FREQUENCY RANGE 1 - 3 GHz (worst-case):

- Low Channel:



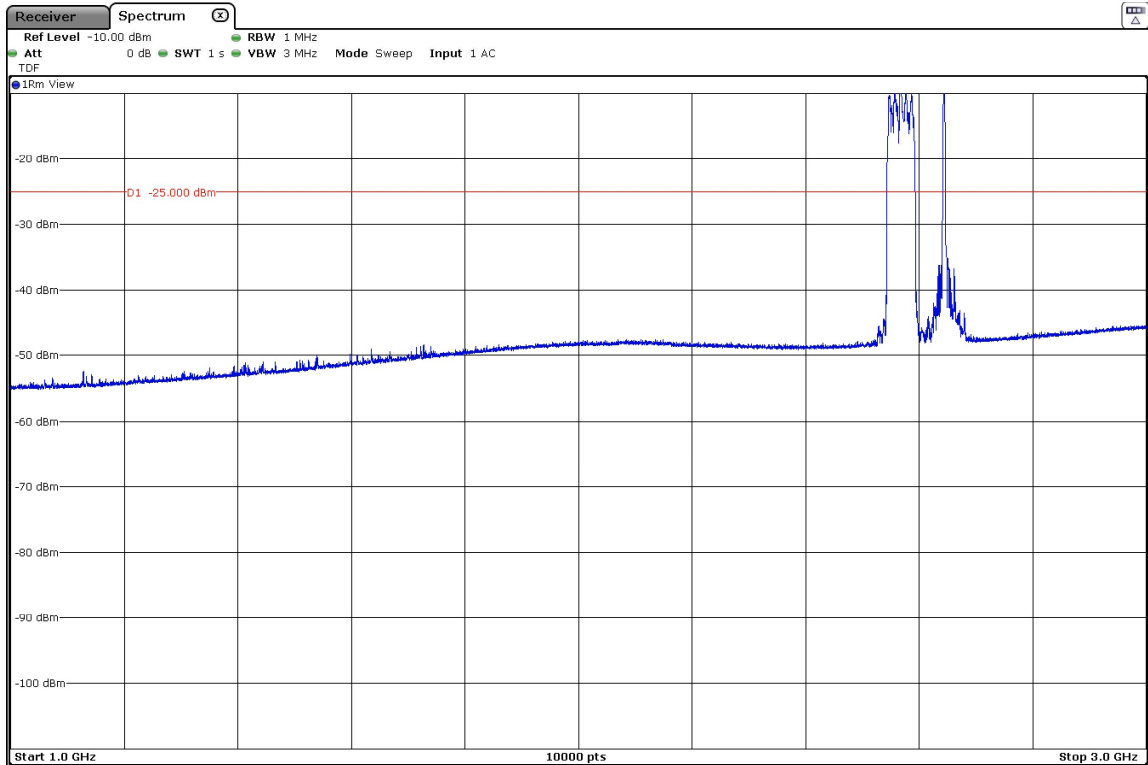
The peaks above the limit are the carriers.

- Middle Channel:



The peaks above the limit are the carriers.

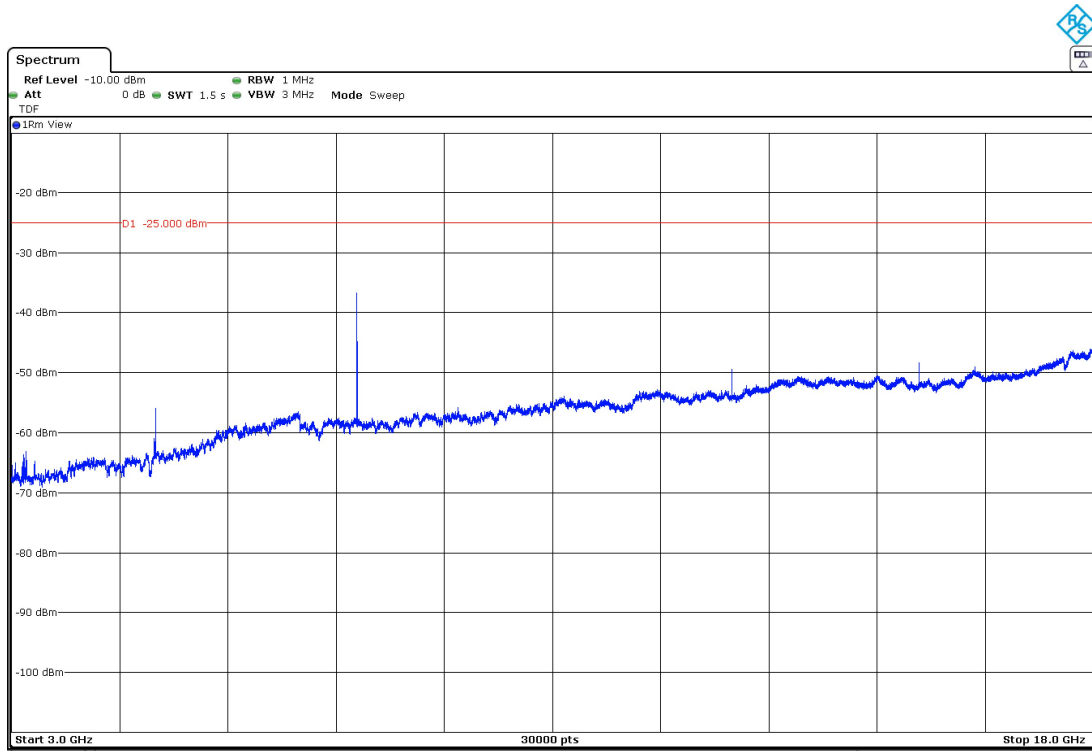
- High Channel:



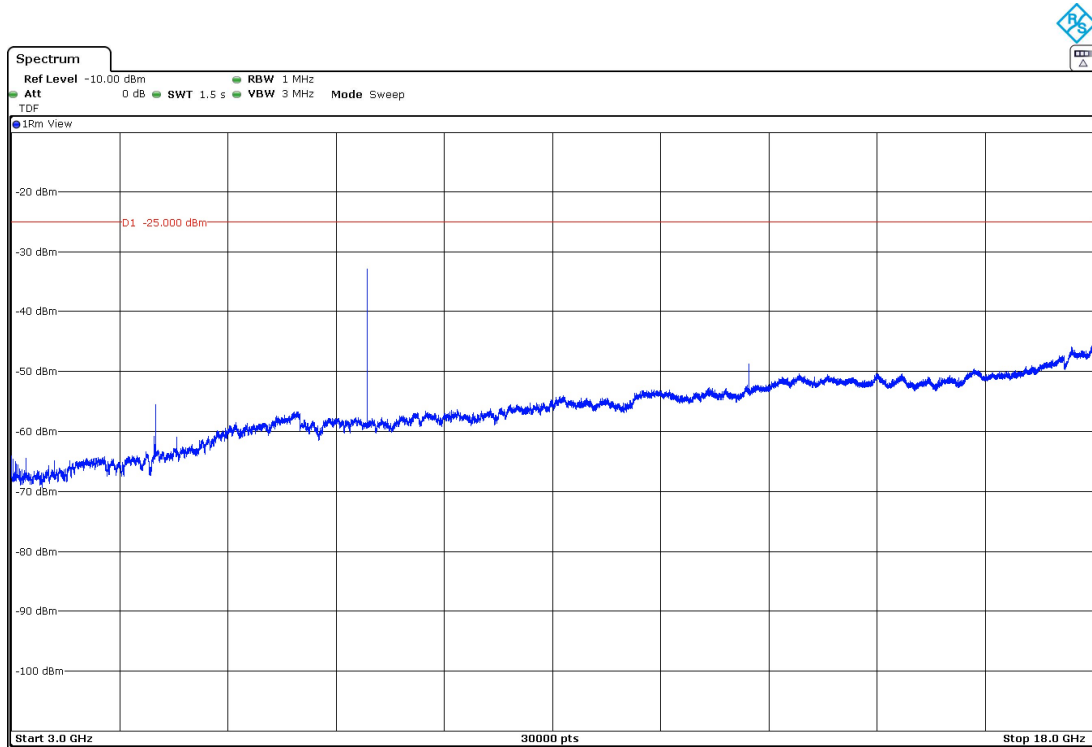
The peaks above the limit are the carriers.

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

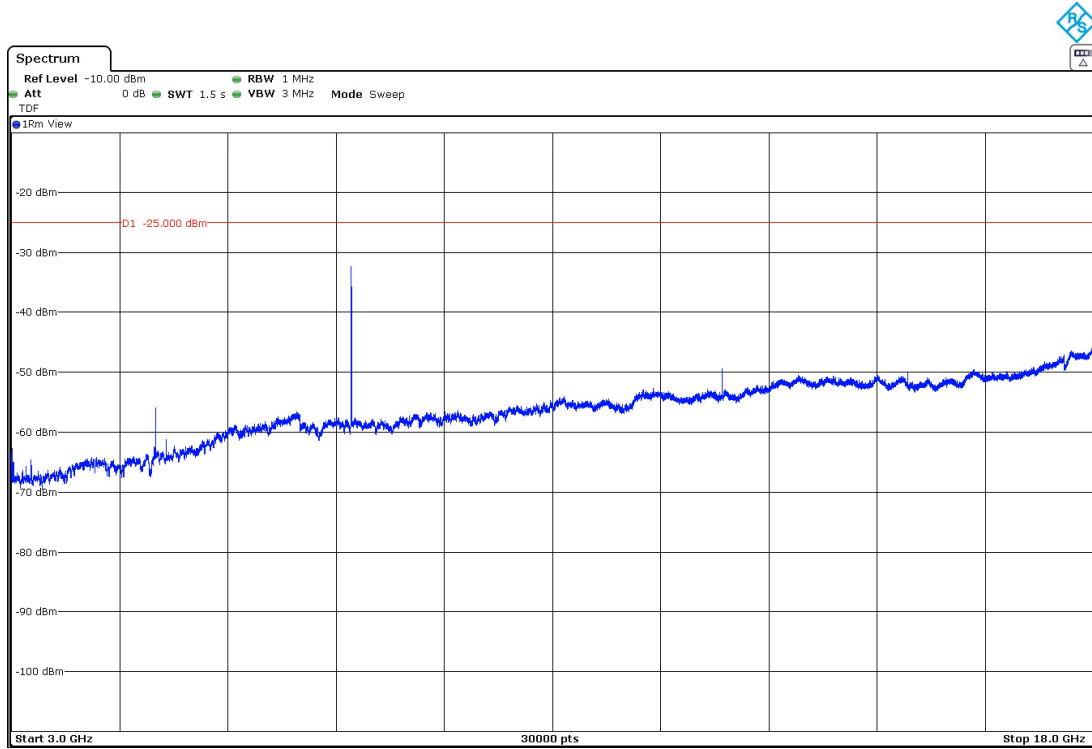
- Low Channel:



- Middle Channel:

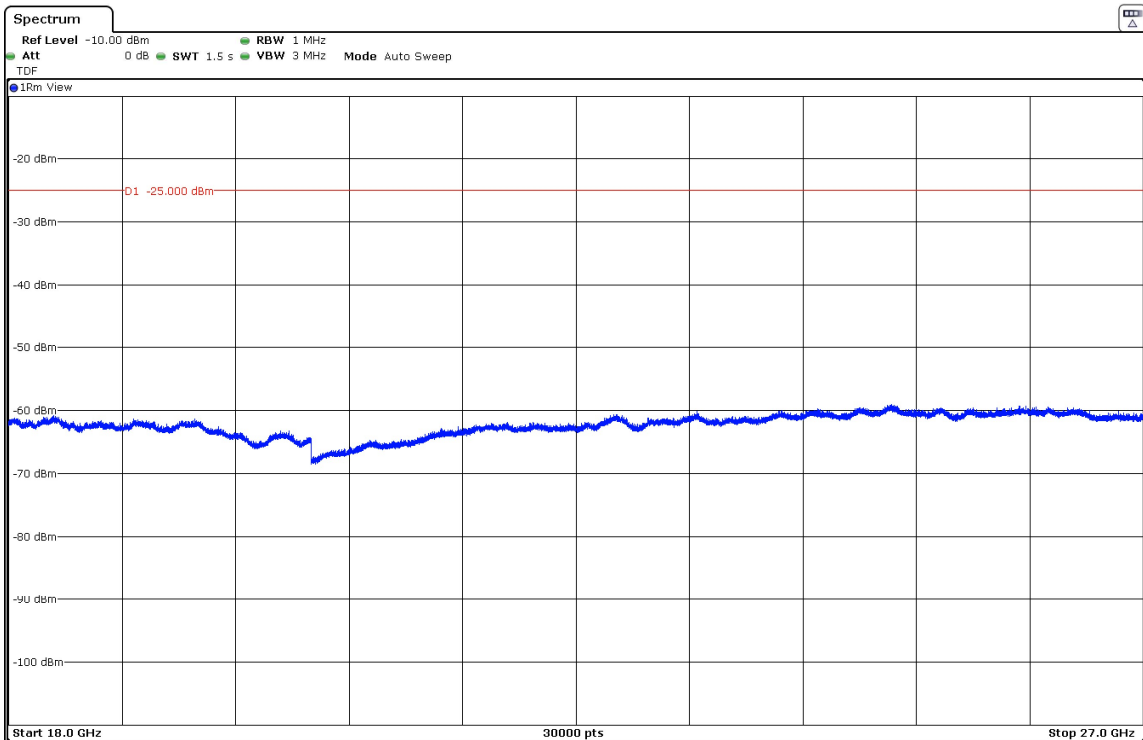


- High Channel:

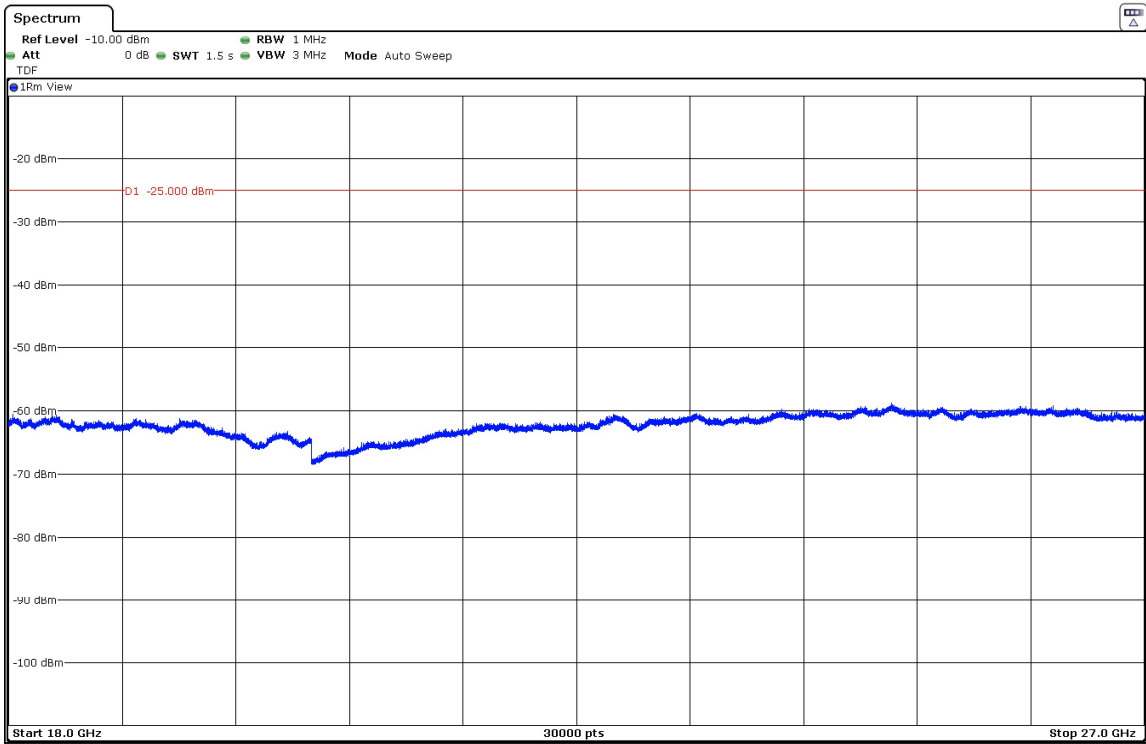


FREQUENCY RANGE 18 - 27 GHz (worst-case):

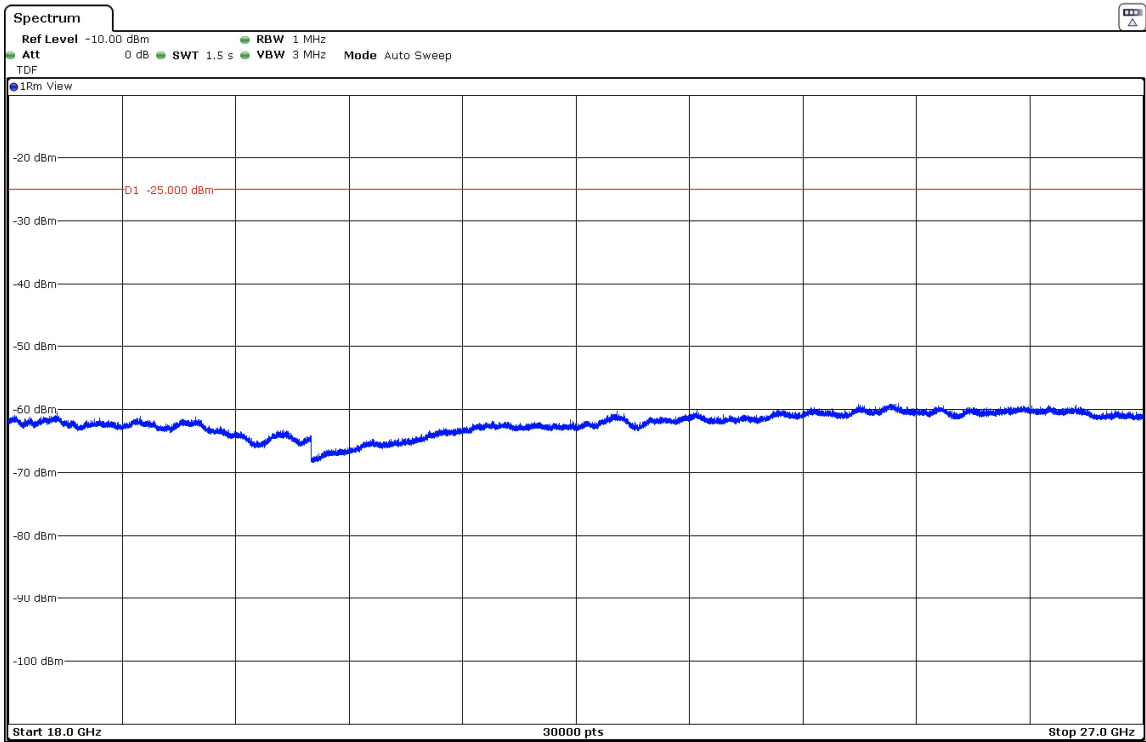
- Low Channel:



- Middle Channel:

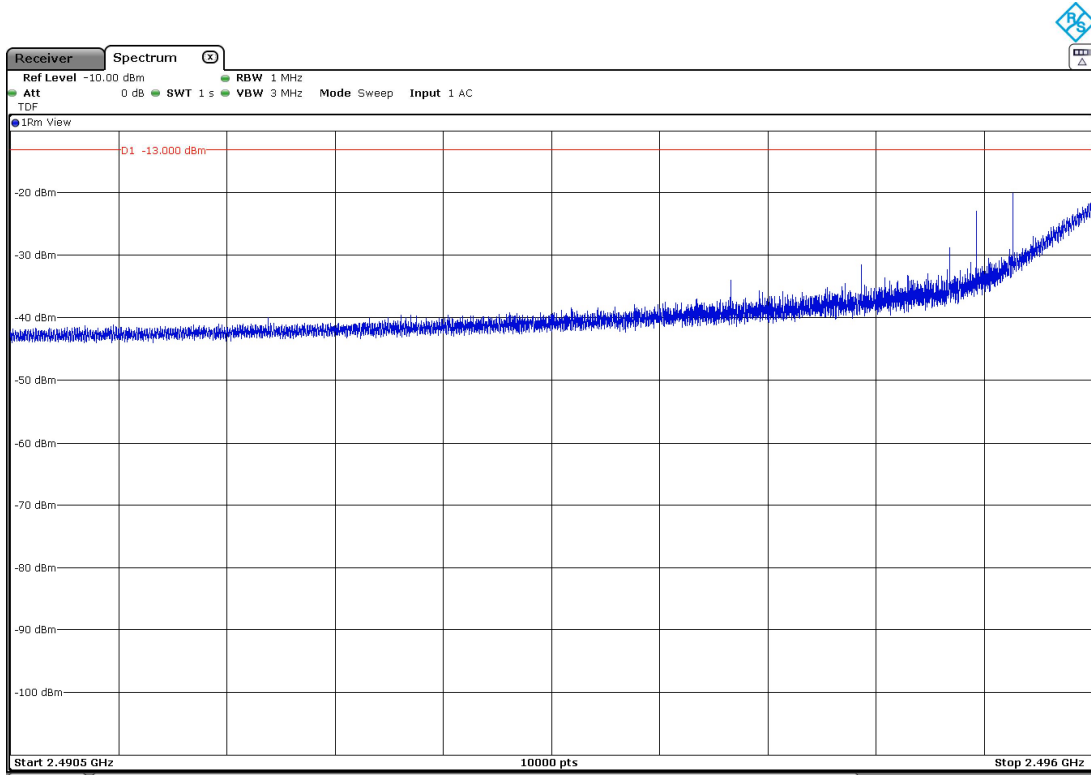


- High Channel:

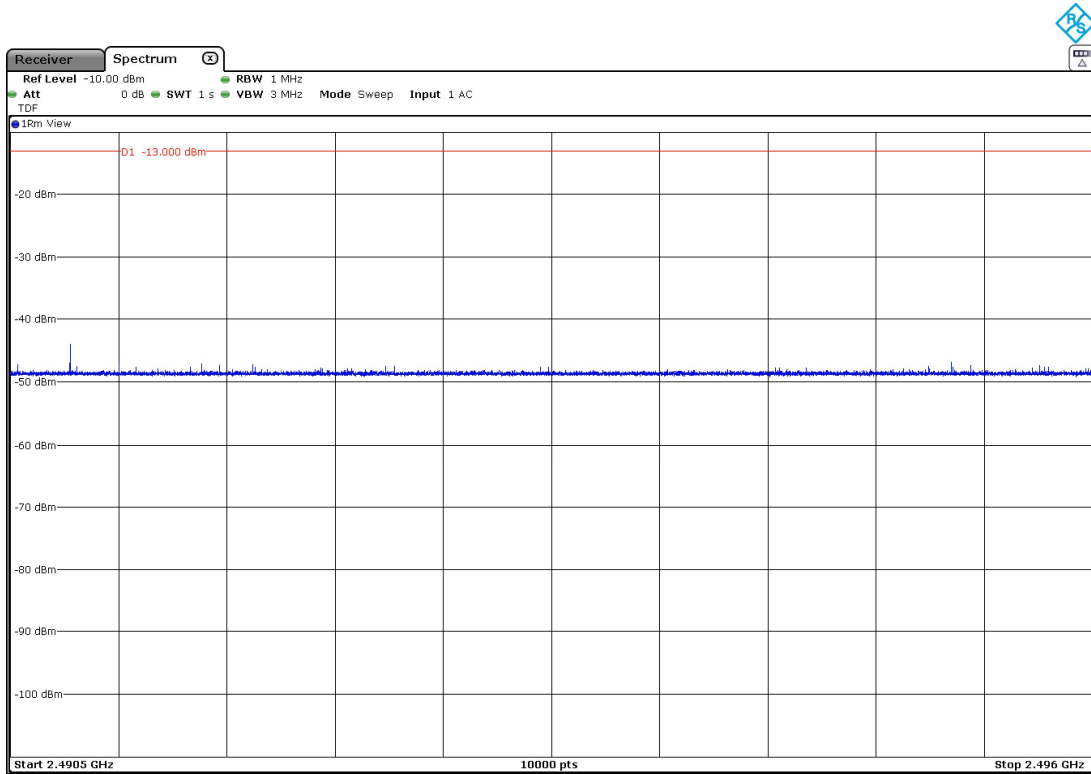


FREQUENCY RANGE 2490.5 - 2496 MHz (worst-case):

- Low Channel:



- Middle Channel:



- High Channel:

