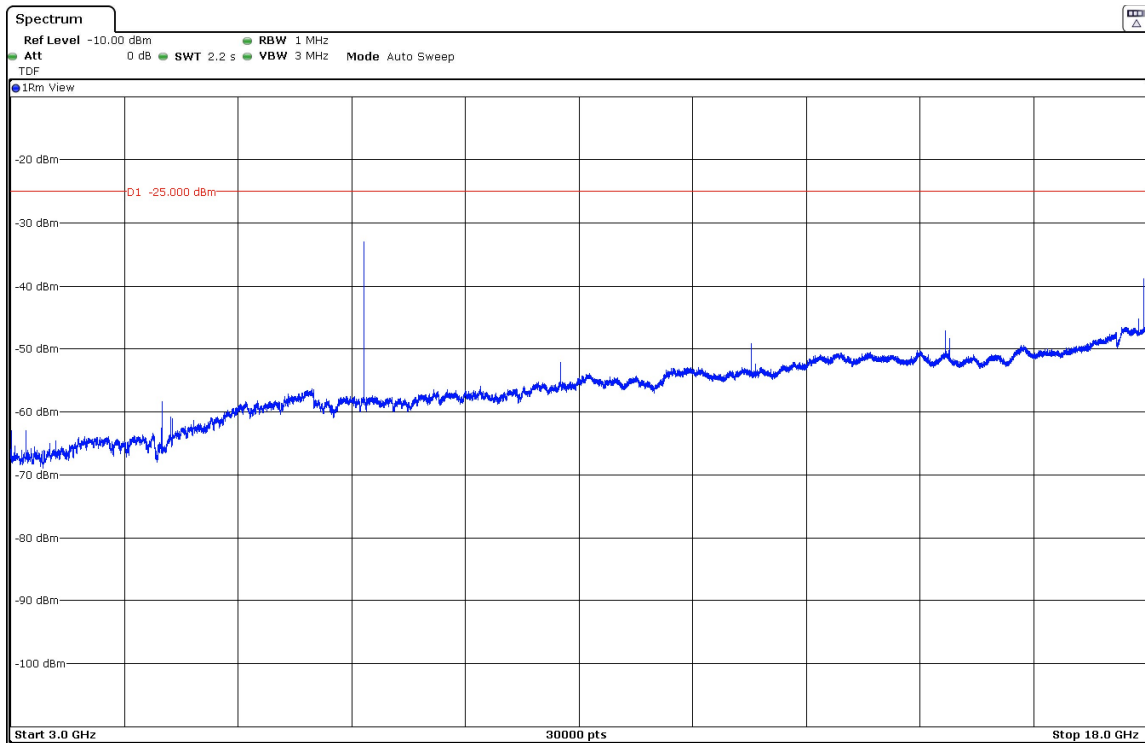
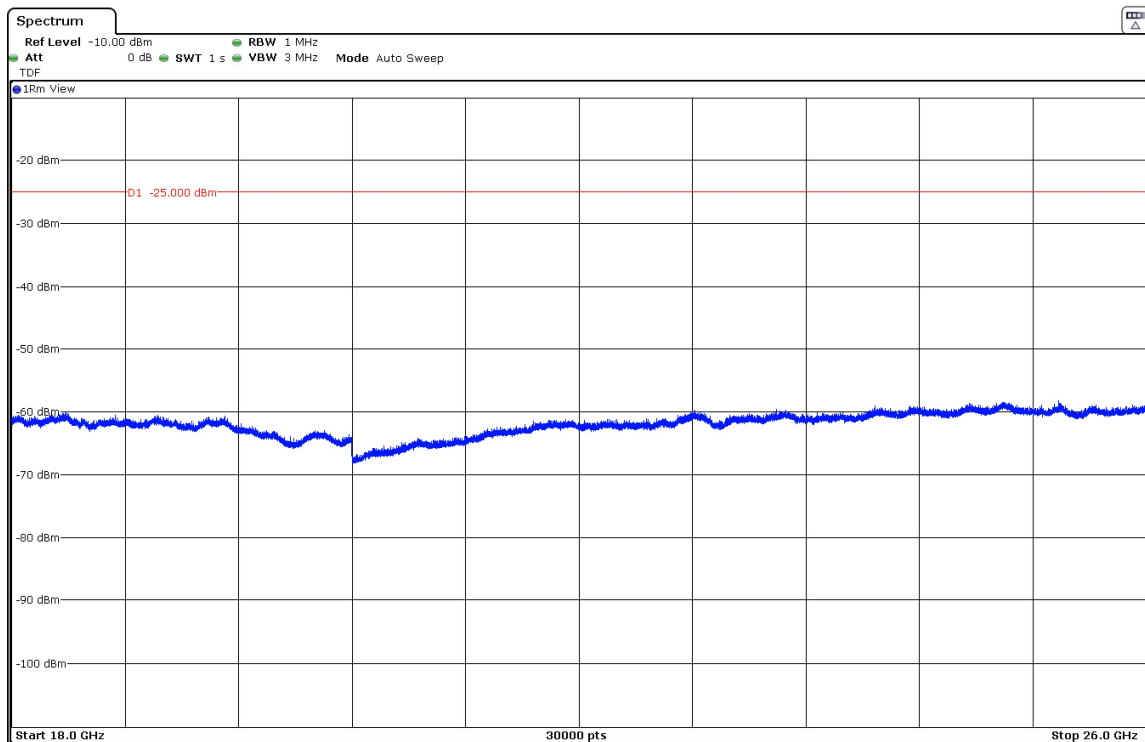


- High Channel:

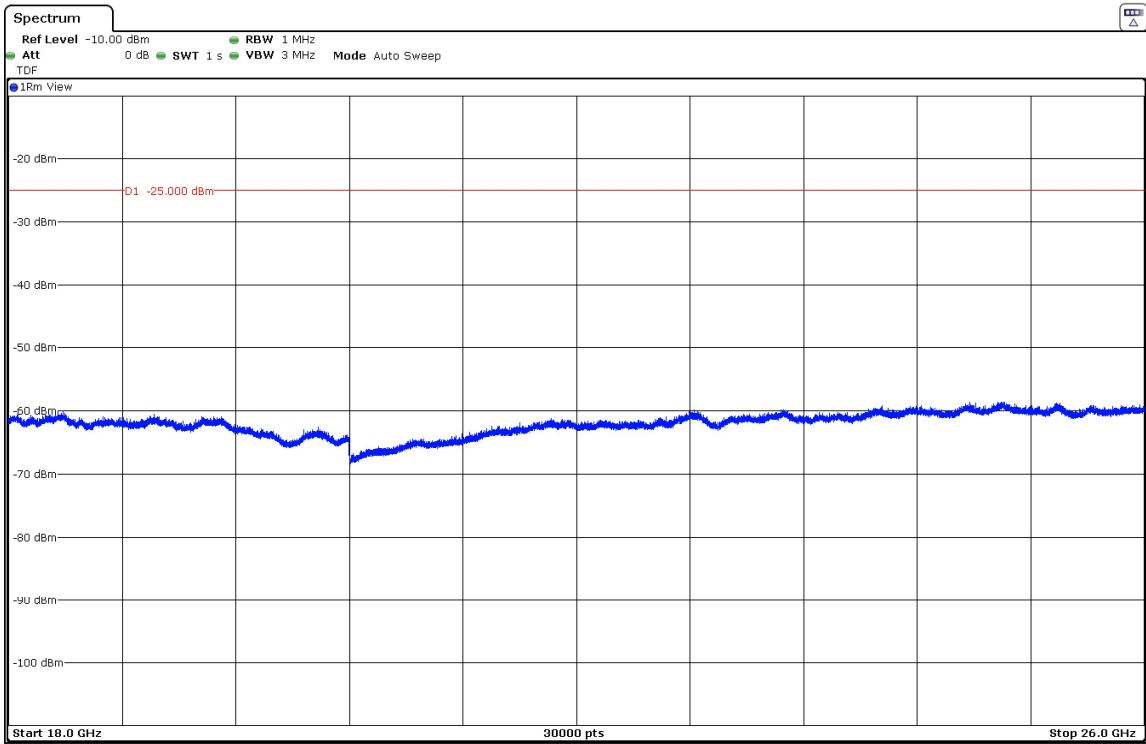


FREQUENCY RANGE 18 - 26 GHz (worst-case):

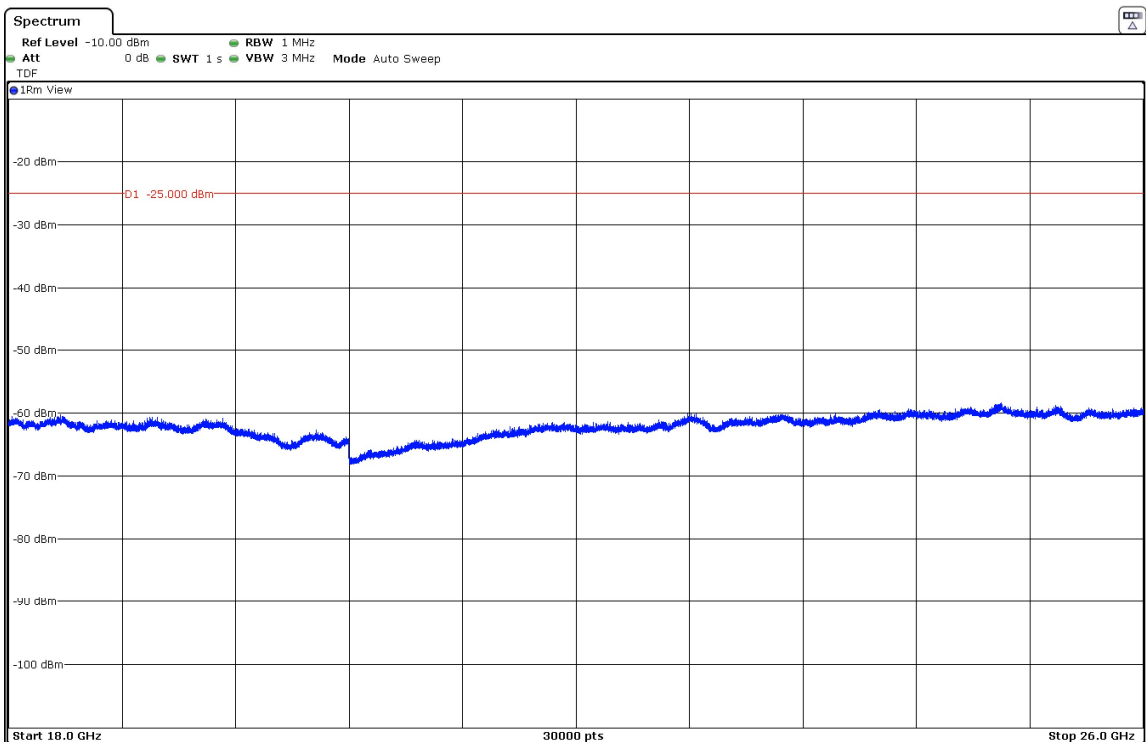
- Low Channel:



- Middle Channel:

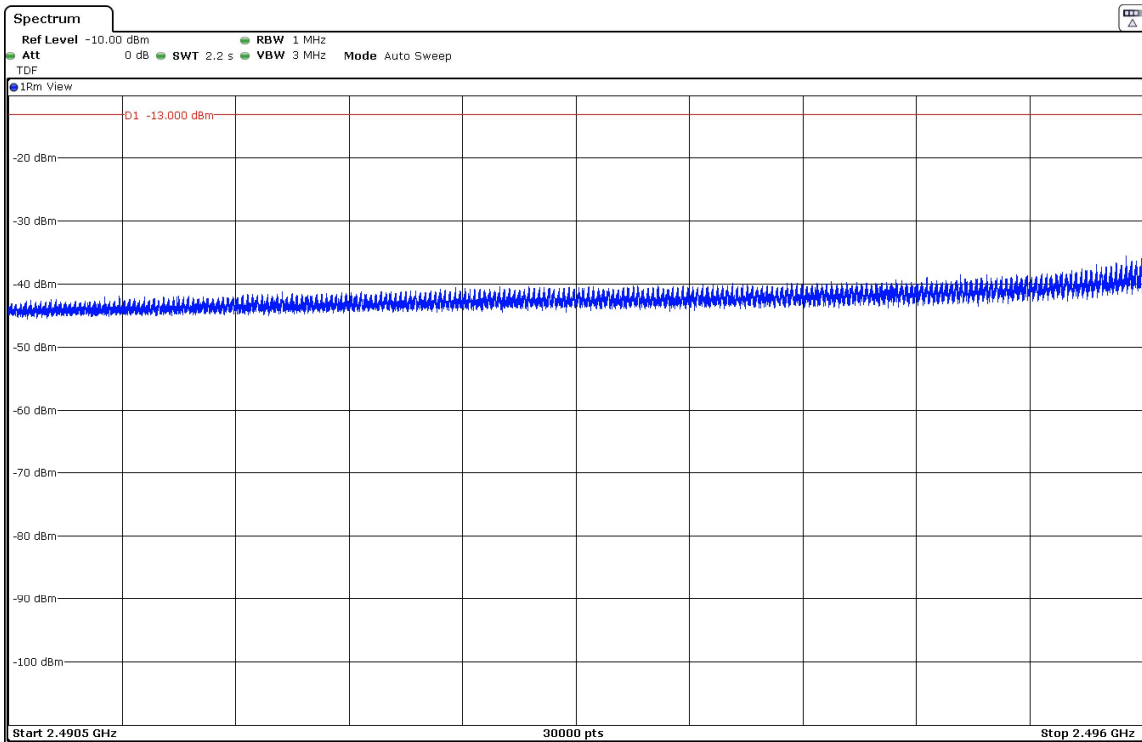


- High Channel:

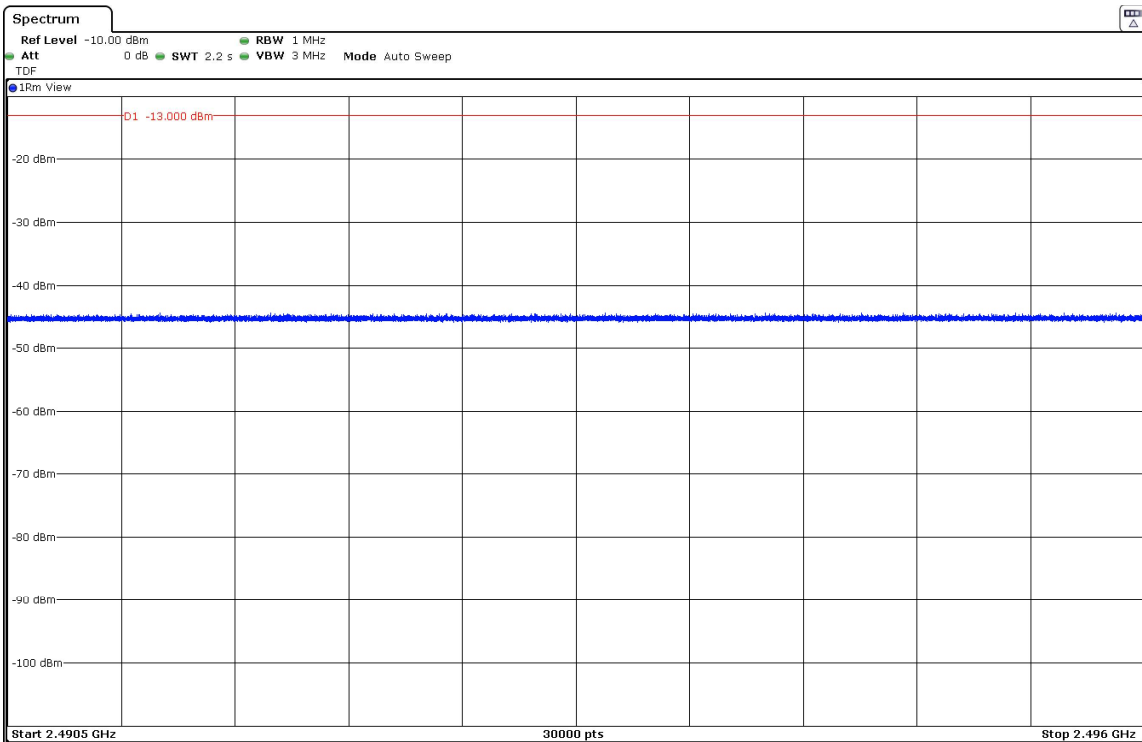


FREQUENCY RANGE 2490.5 - 2496 MHz (worst-case):

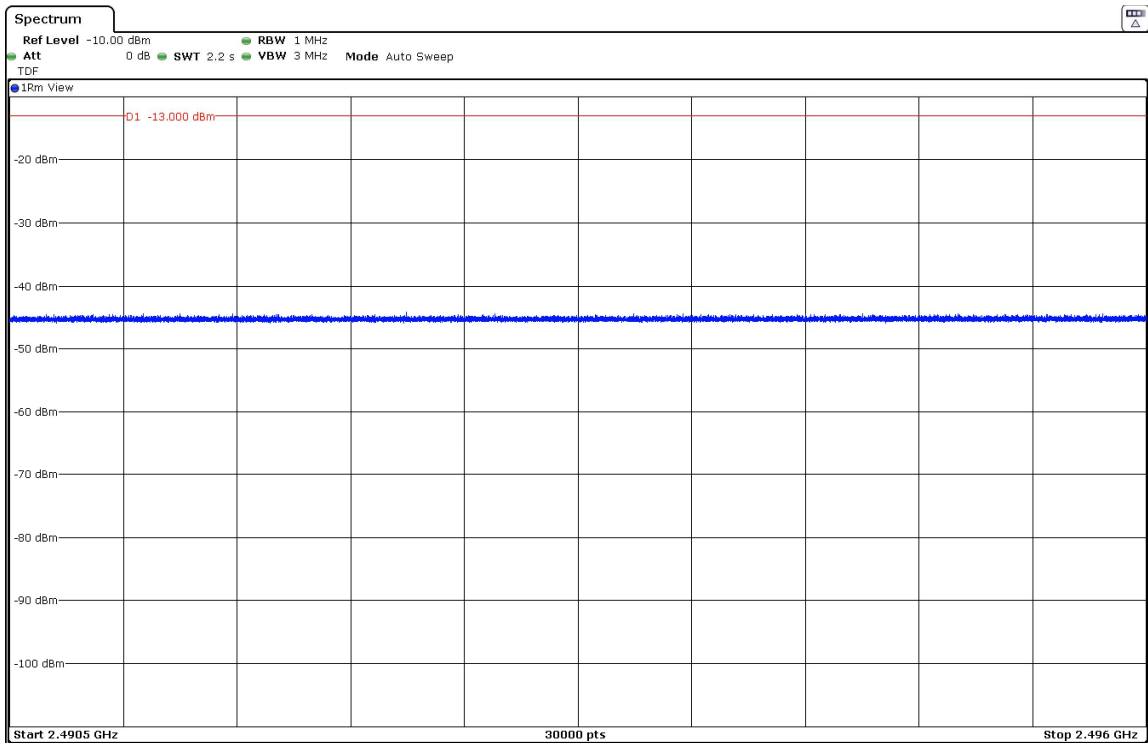
- Low Channel:



- Middle Channel:



- High Channel:



- **5G NR SA Band n38A + LTE Band 38:**

A preliminary scan determined the worst-case:

- 1) 5G NR SA Band n38A (Module NAD2):
n38A: Pi/2 BPSK, BW=20 MHz, SCS=15 kHz, RB=1, Offset=0.
- 2) LTE Band 38 (Module NAD1):
38: QPSK, BW=5 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 - 27 GHz:

Spurious frequencies at less than 20 dB below the limit:

Spurious frequency (GHz)	E.I.R.P (dBm)	Polarization	Detector
7.77075	-33.45	V	RMS

Frequency range 2490.5 - 2496 MHz:

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 - 27 GHz:

Spurious frequencies at less than 20 dB below the limit:

Spurious frequency (GHz)	E.I.R.P (dBm)	Polarization	Detector
7.82625	-32.09	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
7.77825	-34.87	V	RMS

Frequency range 2490.5 - 2496 MHz:

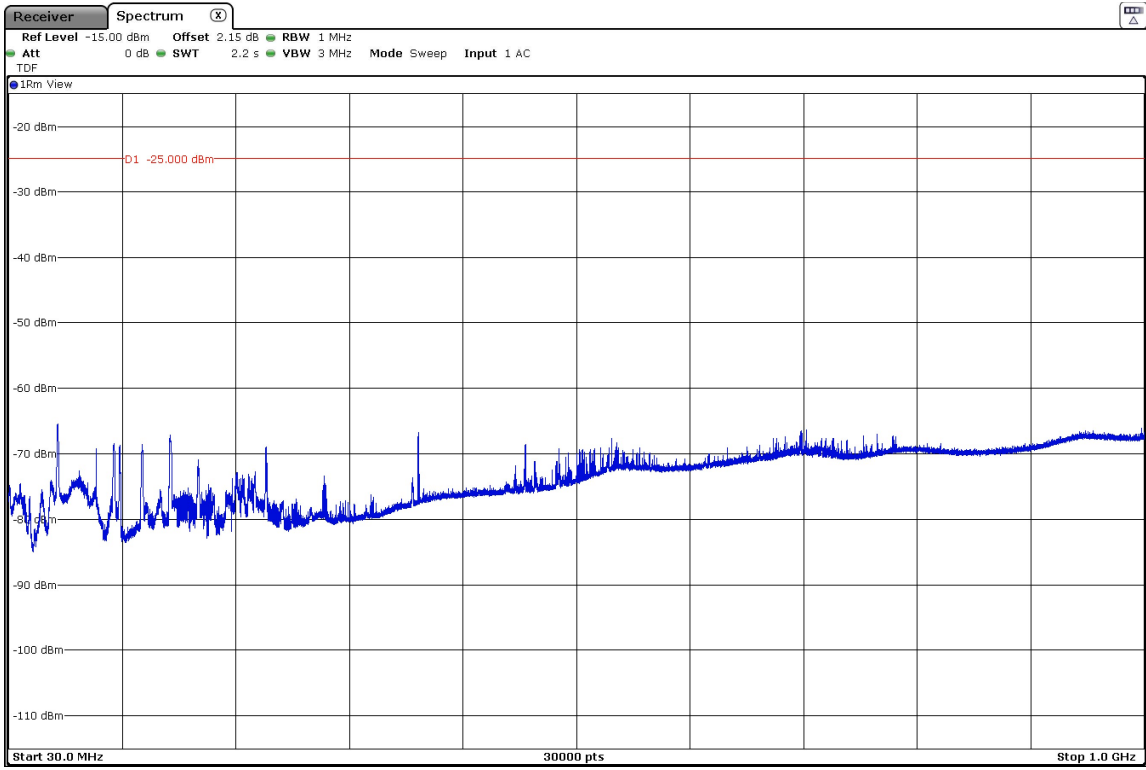
No spurious frequencies at less than 20 dB below the limit.

Measurement Uncertainty (dB)	<± 5.08 for f < 1 GHz
	<± 5.13 for f ≥ 1 GHz up to 17 GHz
	<± 4.82 for f ≥ 17 GHz up to 26.5 GHz
	<± 5.14 for f ≥ 26.5 GHz up to 27 GHz

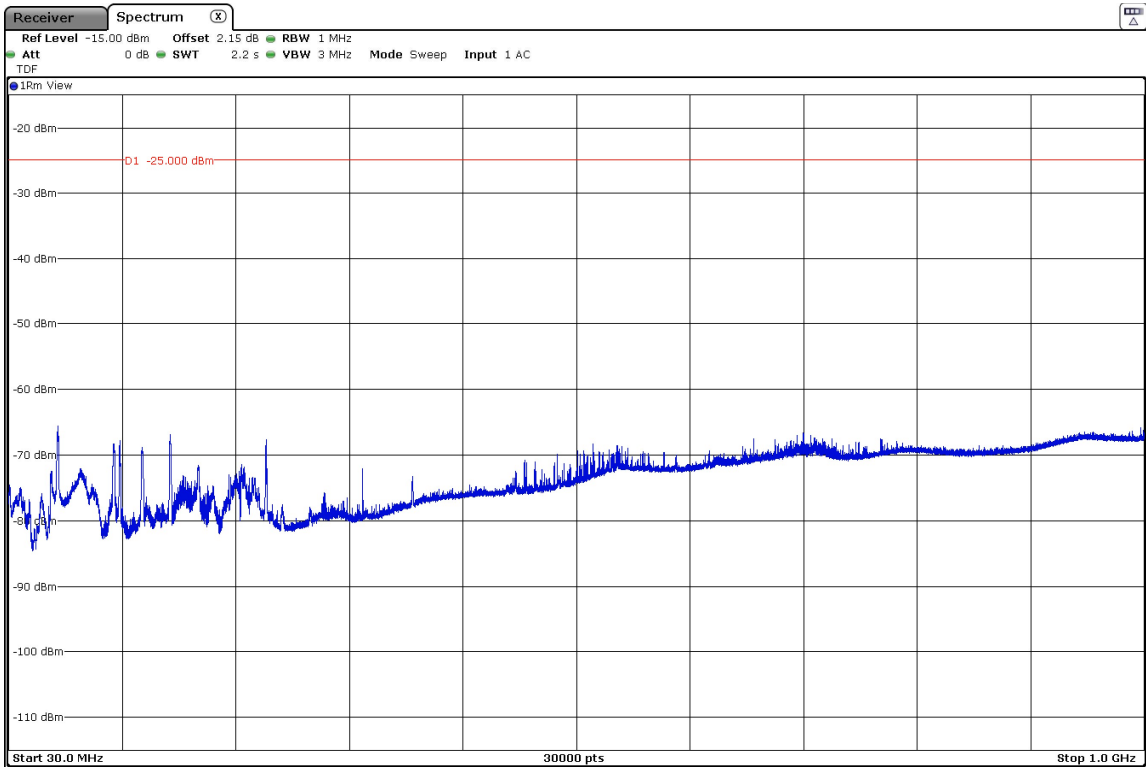
Verdict: PASS

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

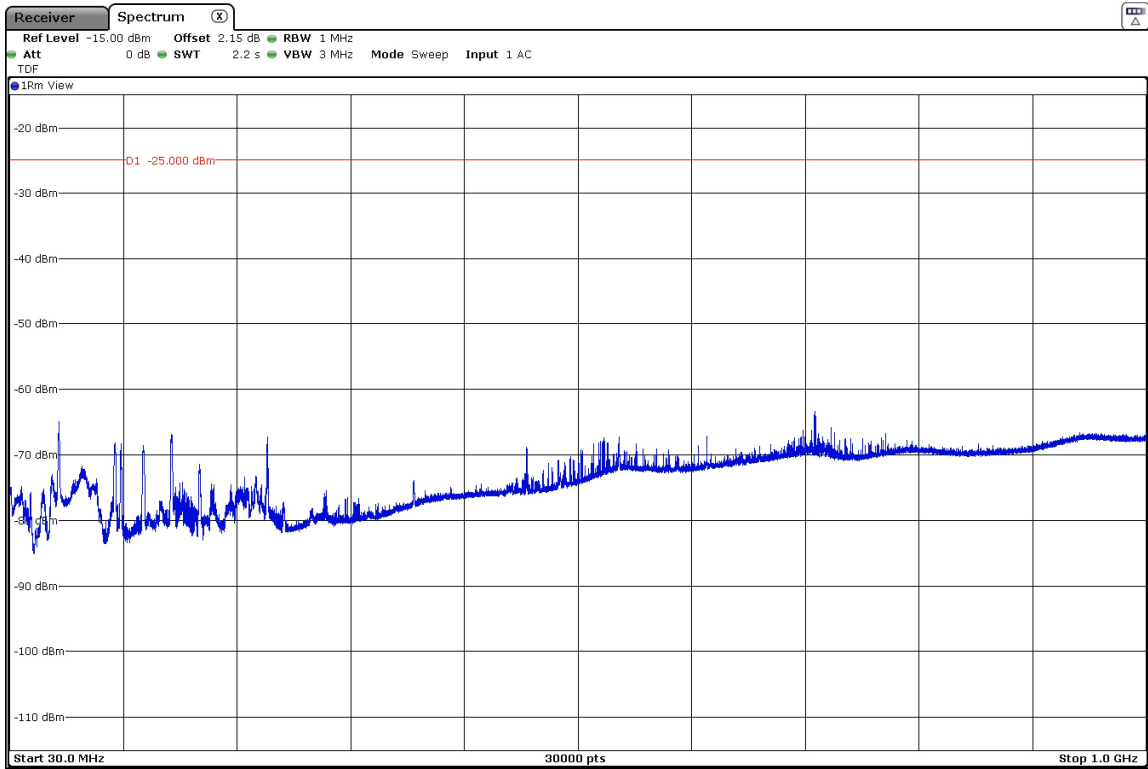
- Low Channel:



- Middle Channel:

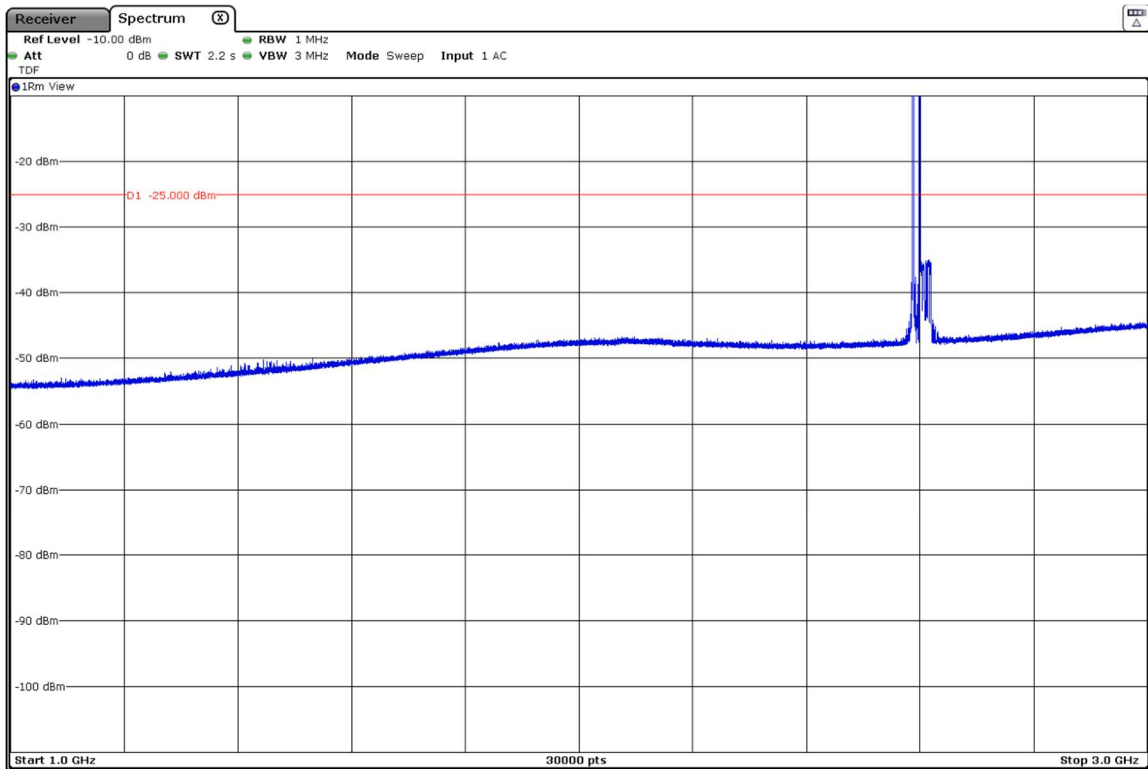


- High Channel:



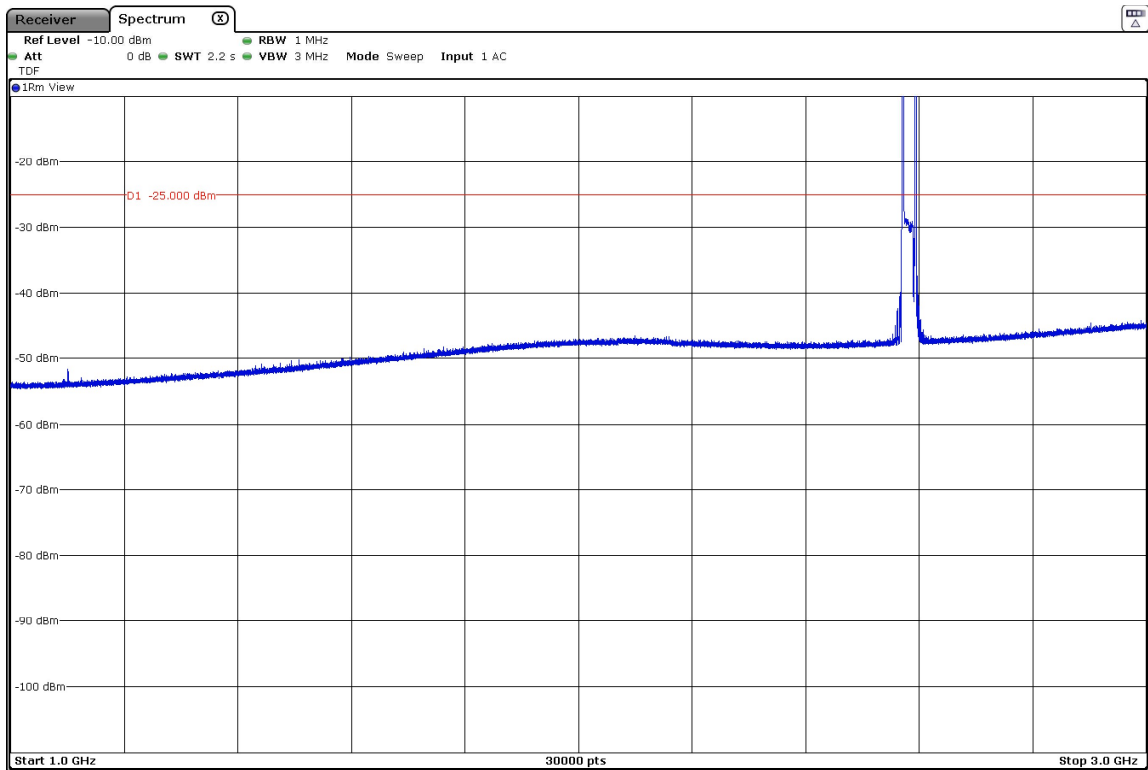
FREQUENCY RANGE 1 - 3 GHz (worst-case):

- Low Channel:



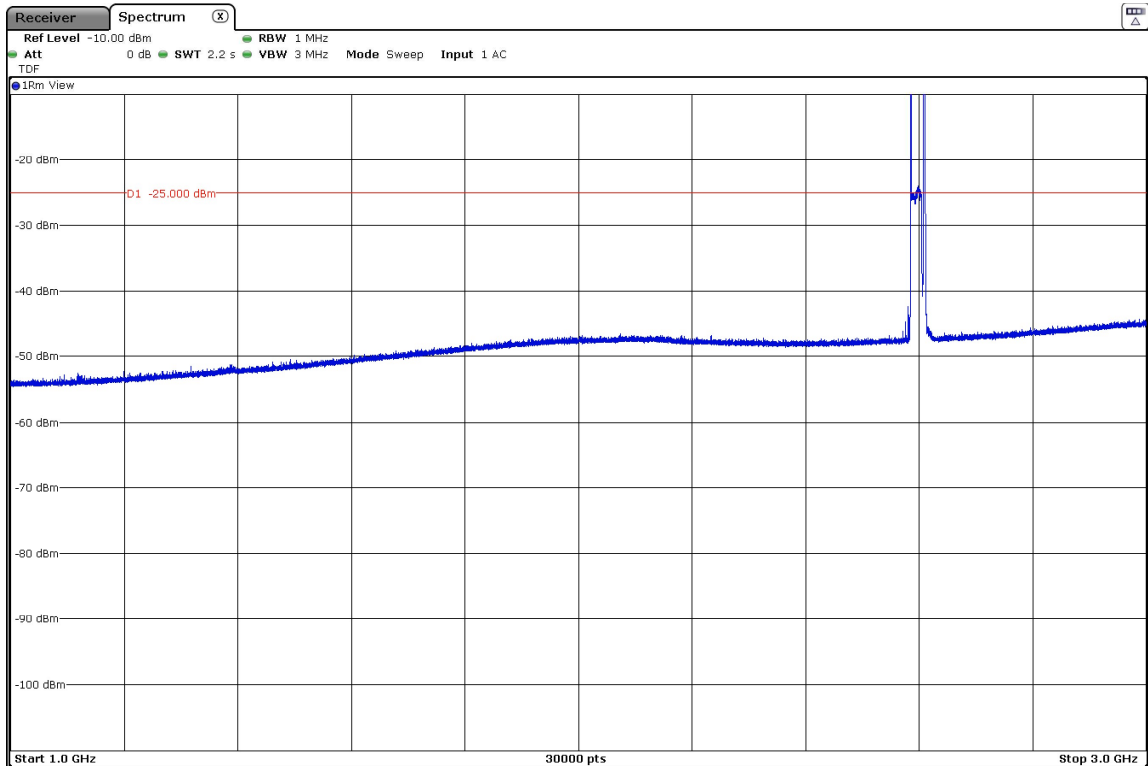
The peak above the limit are the carriers.

- Middle Channel:



The peak above the limit are the carriers.

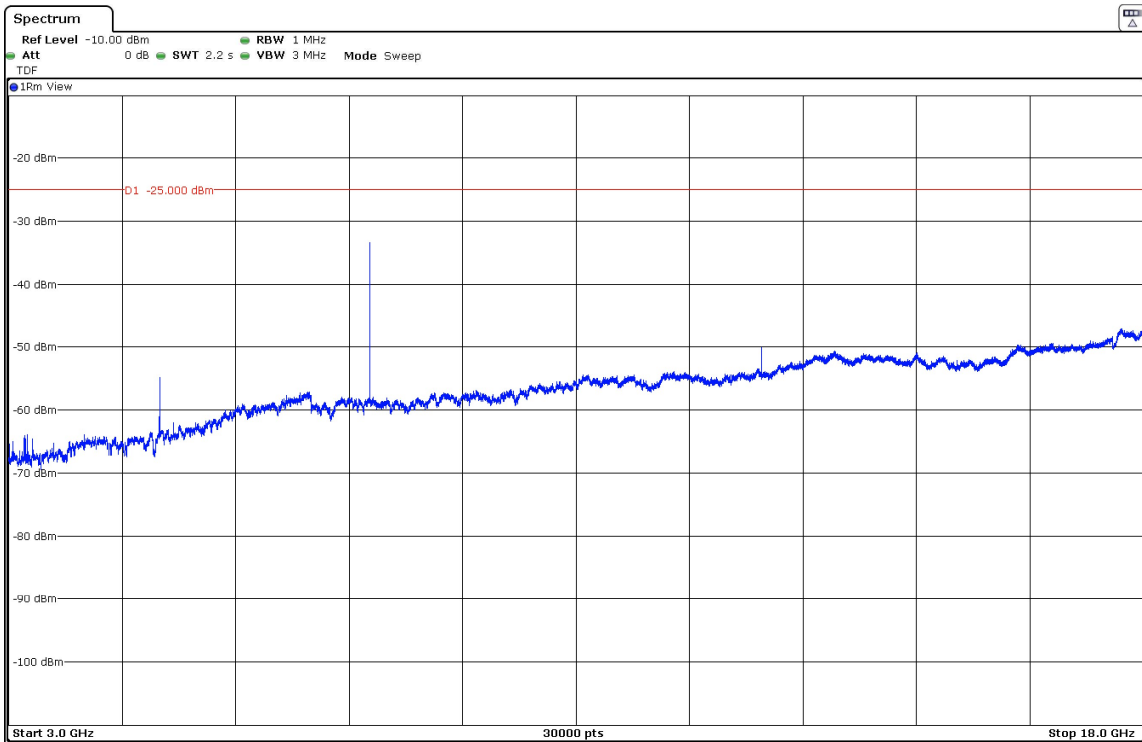
- High Channel:



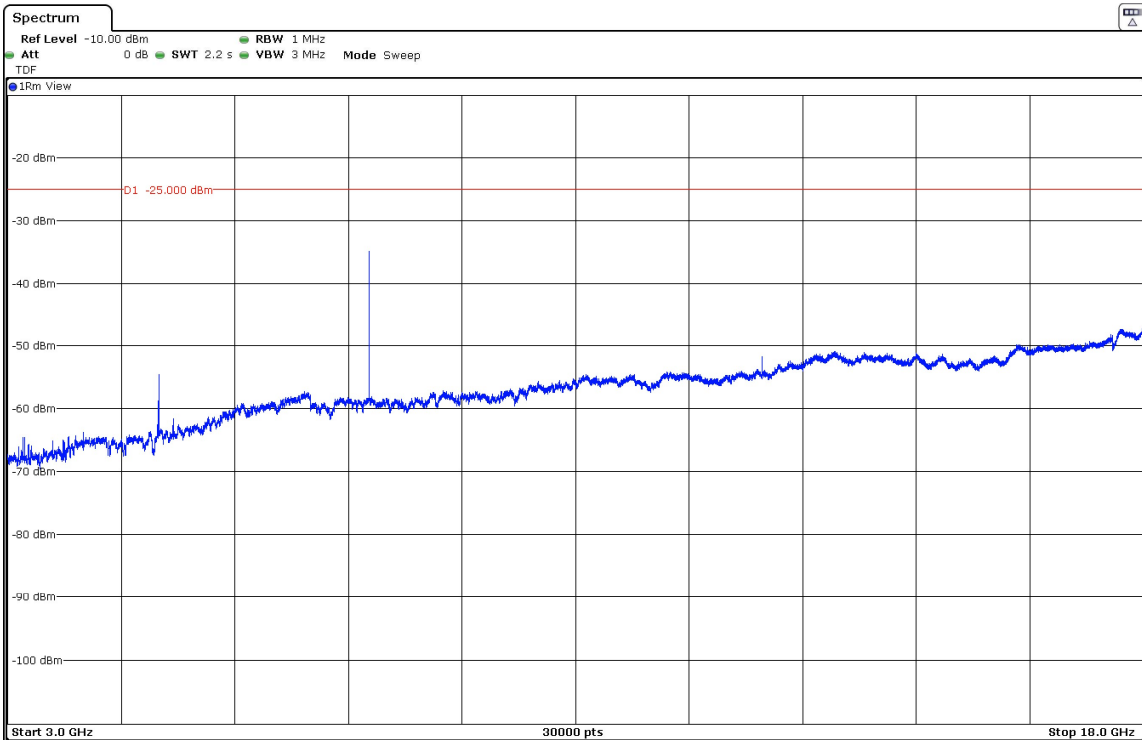
The peak above the limit are the carriers.

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

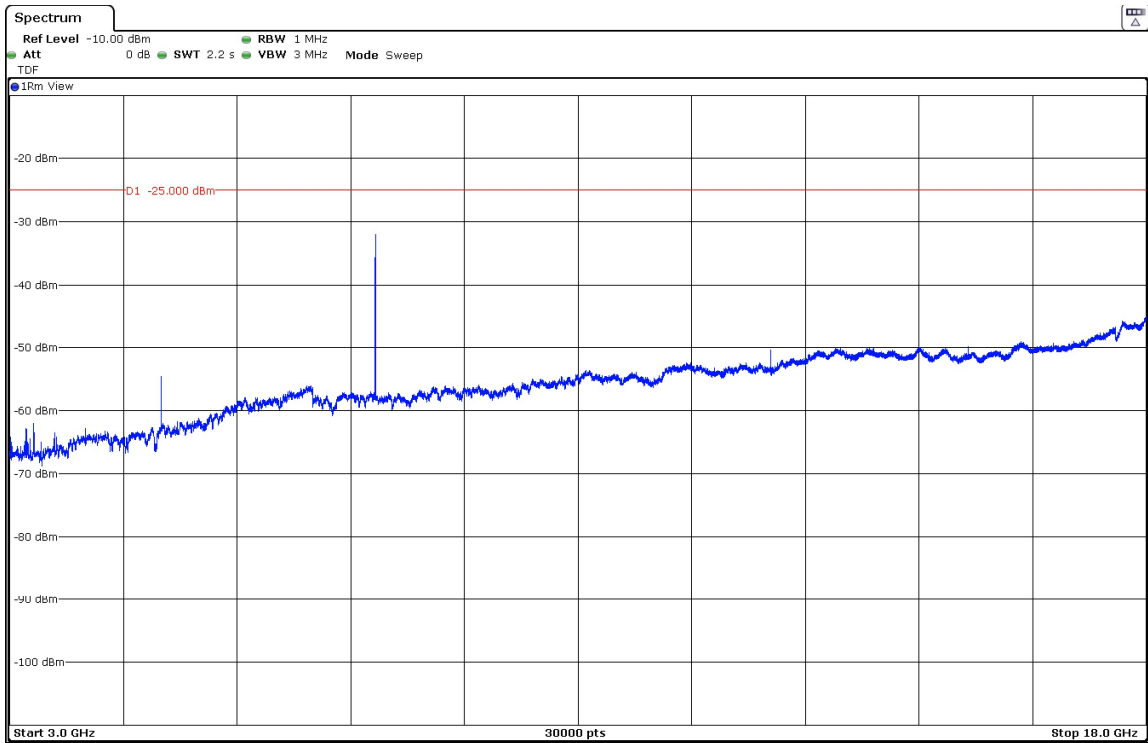
- Low Channel:



- Middle Channel:

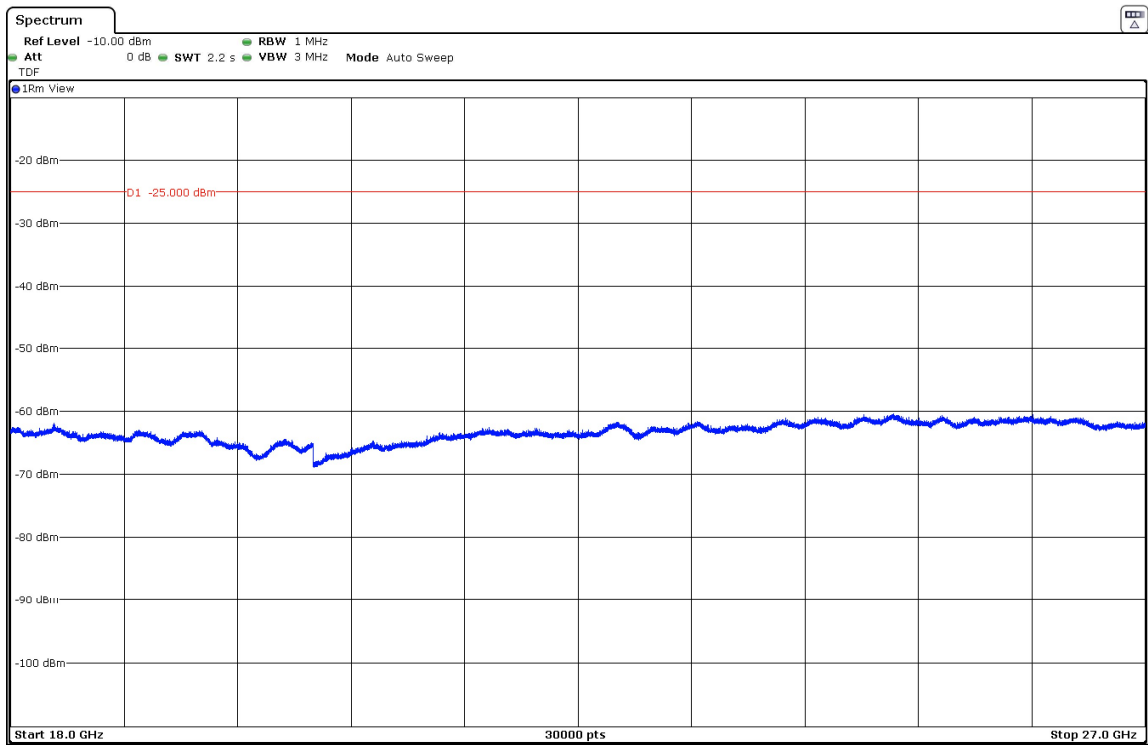


- High Channel:

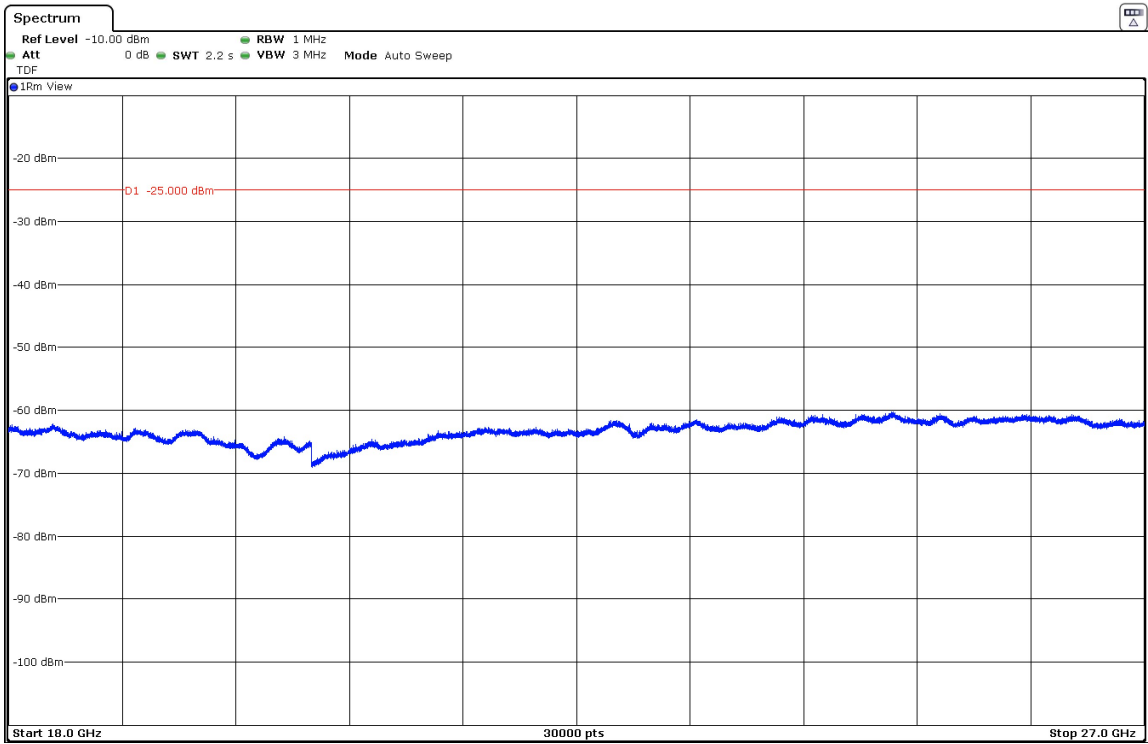


FREQUENCY RANGE 18 - 27 GHz (worst-case):

- Low Channel:



- Middle Channel:



- High Channel:

