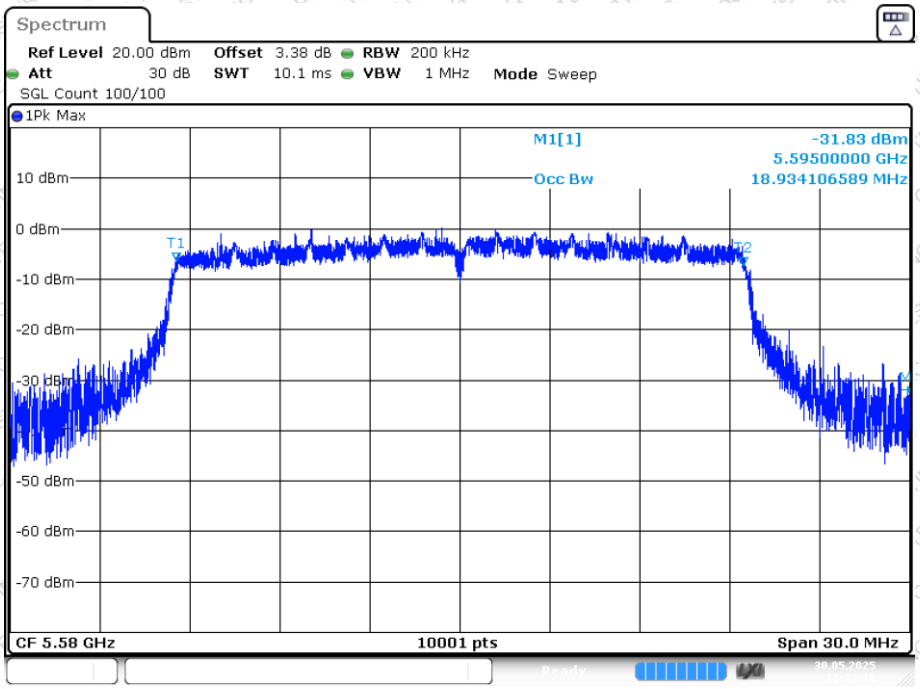
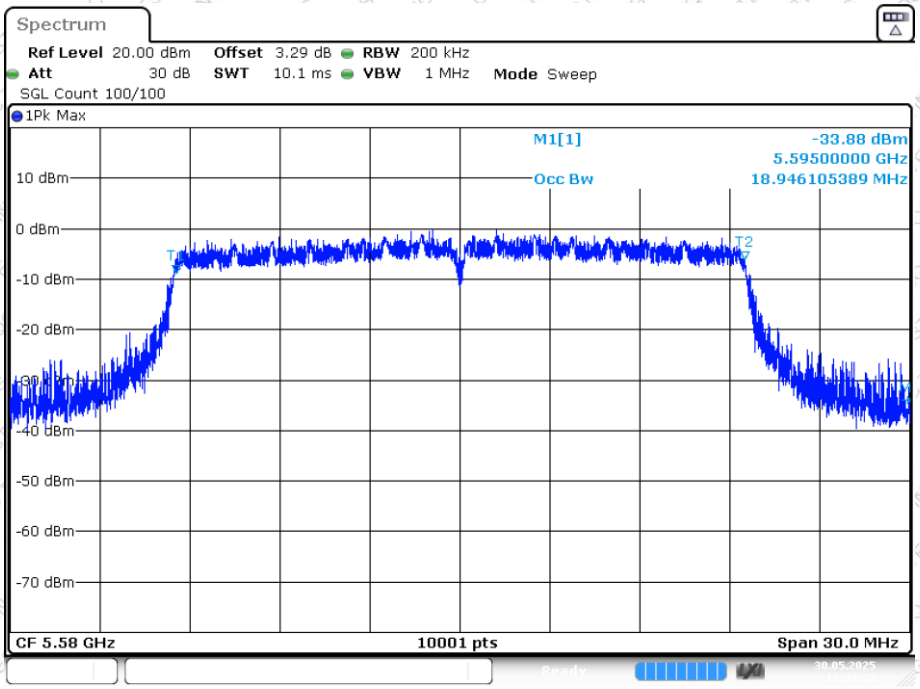
OBW NVNT ax20 5580MHz Ant1




Date: 30.MAY.2025 11:23:19

OBW NVNT ax20 5580MHz Ant2




Date: 30.MAY.2025 11:23:23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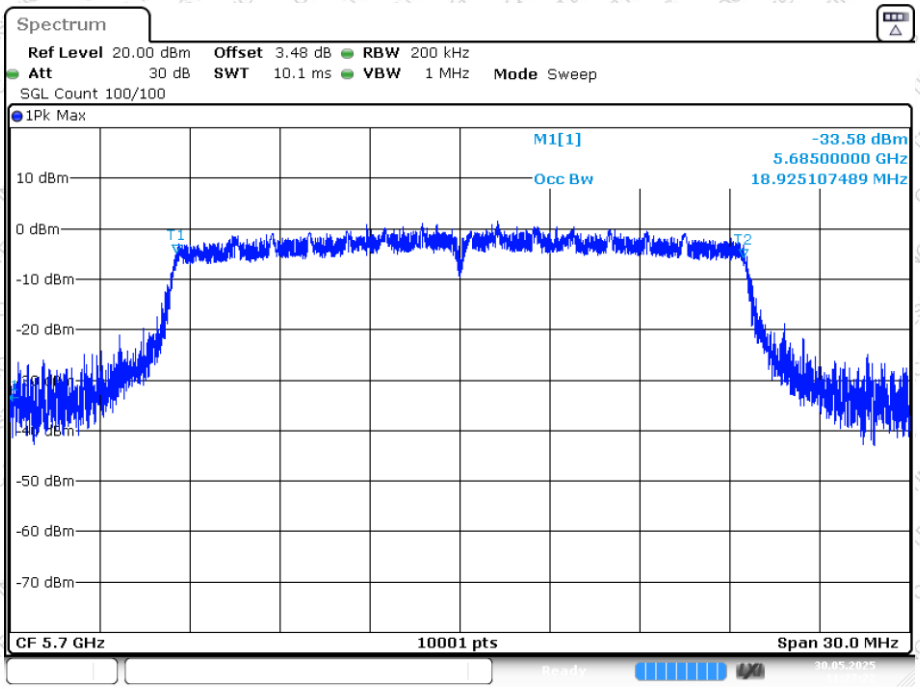
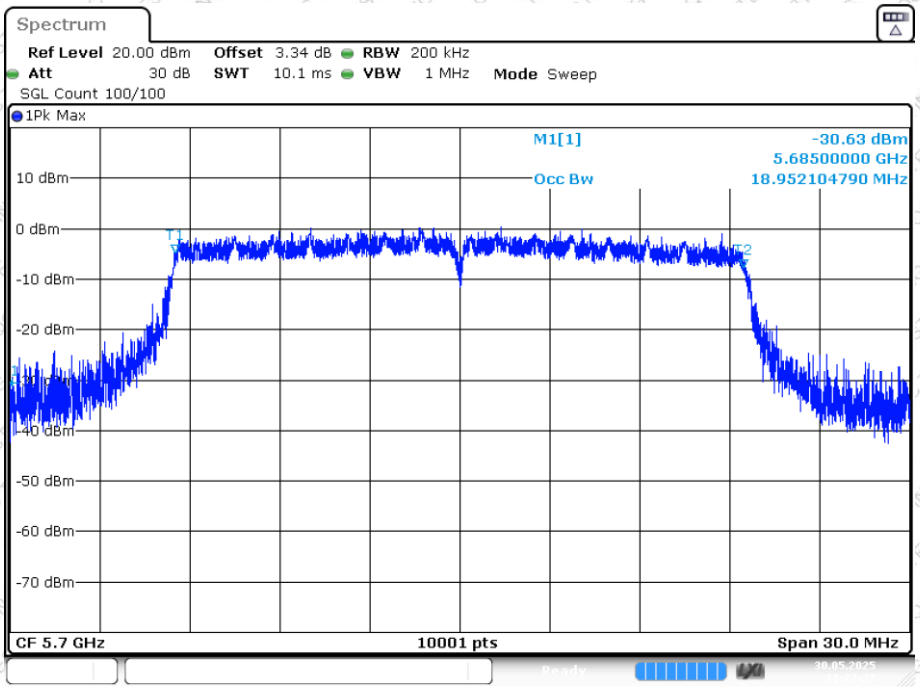
OBW NVNT ax20 5700MHz Ant1




Date: 30.MAY.2025 11:27:22

OBW NVNT ax20 5700MHz Ant2




Date: 30.MAY.2025 11:27:27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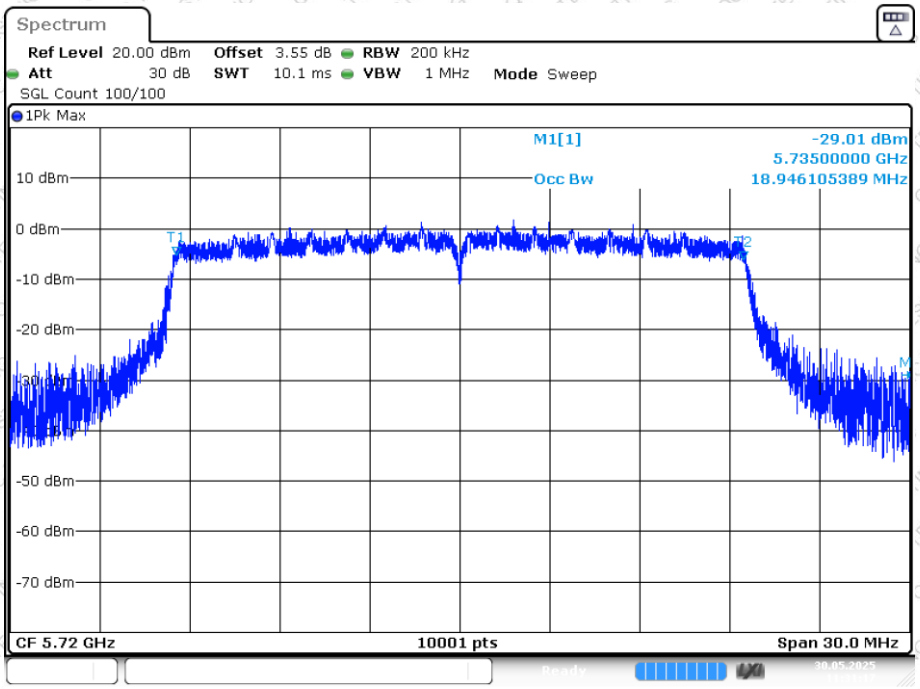
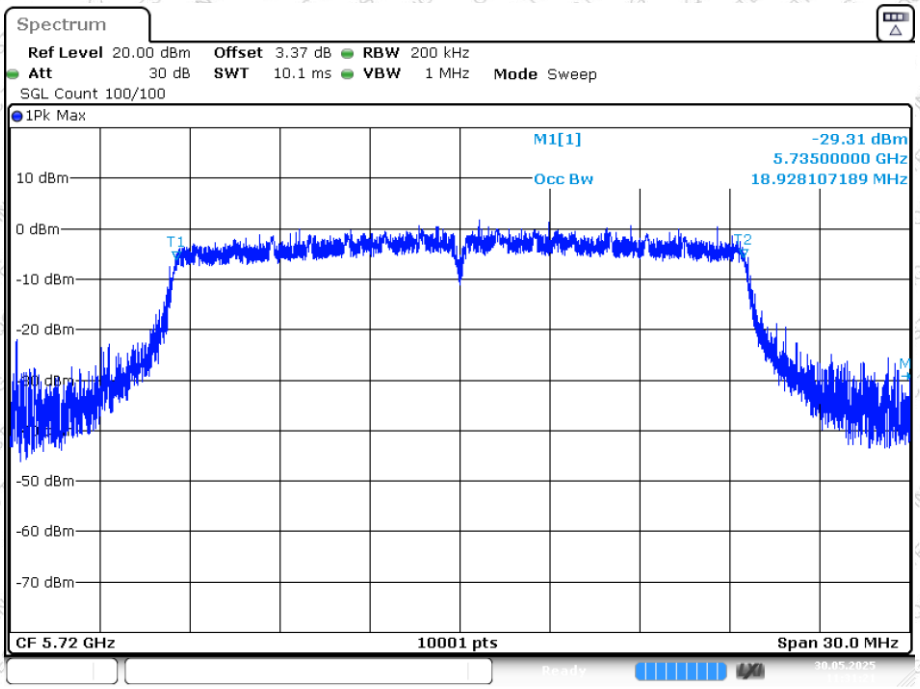
OBW NVNT ax20 5720MHz Ant1




Date: 30.MAY.2025 11:31:18

OBW NVNT ax20 5720MHz Ant2




Date: 30.MAY.2025 11:31:22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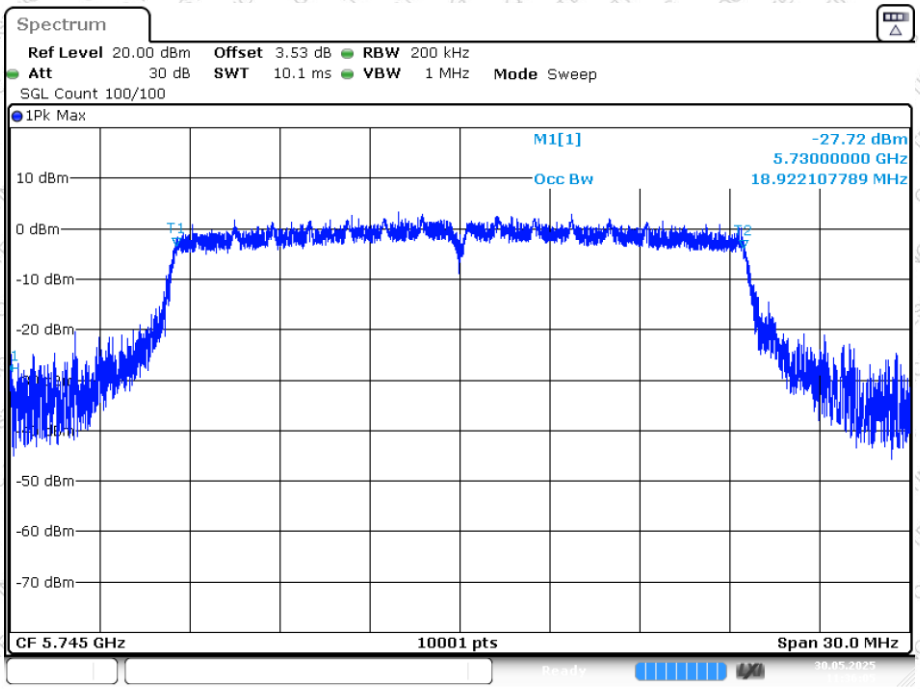
OBW NVNT ax20 5745MHz Ant1




Date: 30.MAY.2025 11:36:06

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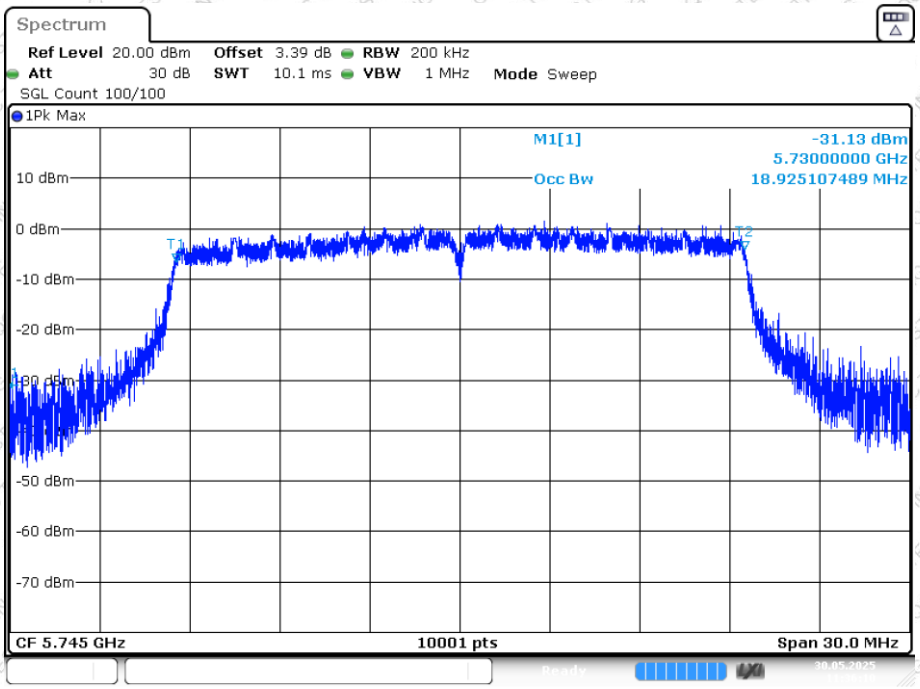


Date: 30.MAY.2025 11:36:10


Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
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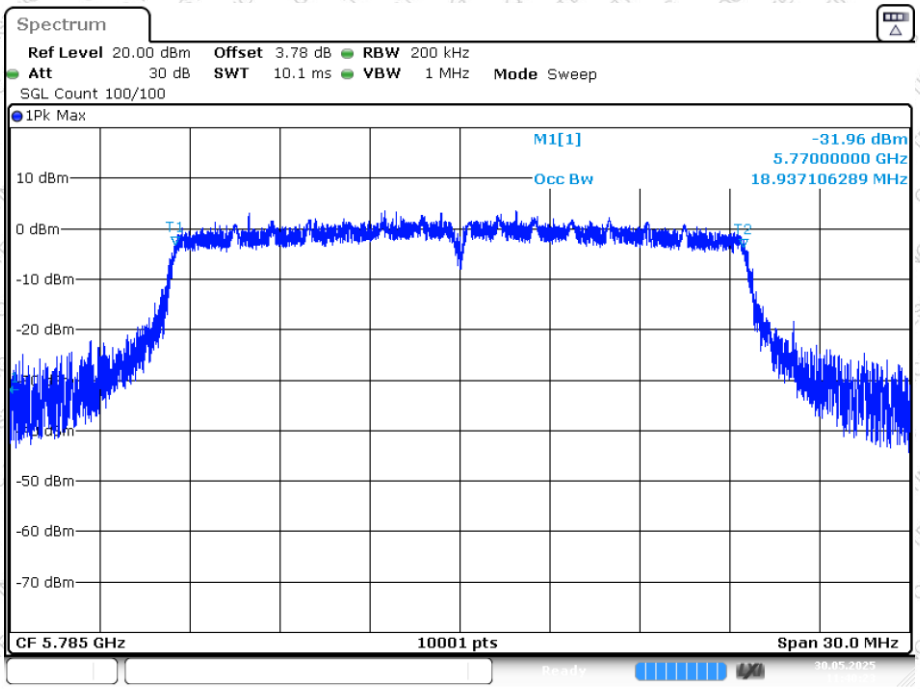
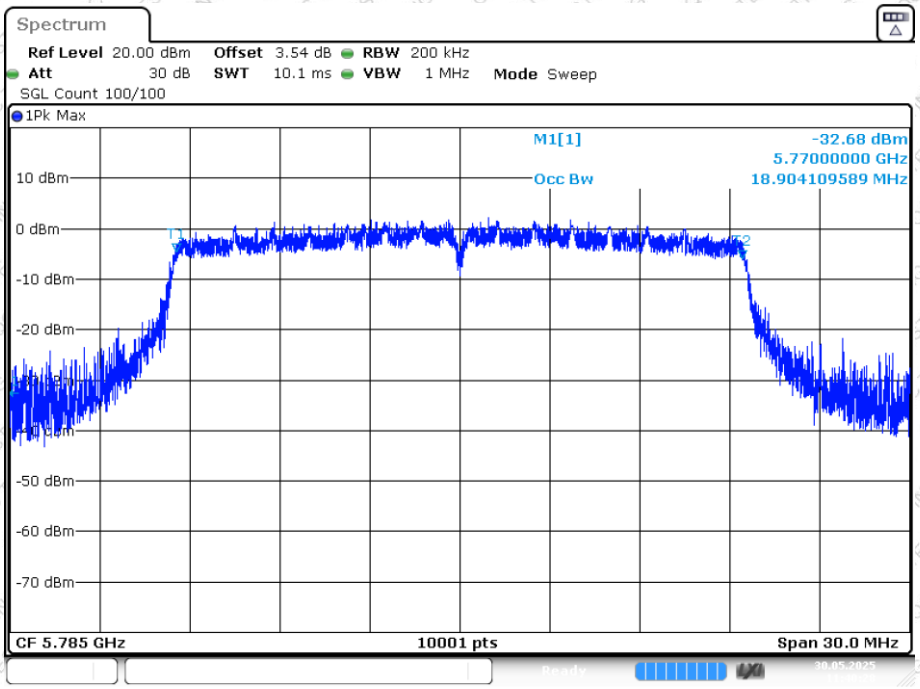
OBW NVNT ax20 5785MHz Ant1




Date: 30.MAY.2025 11:40:23

OBW NVNT ax20 5785MHz Ant2




Date: 30.MAY.2025 11:40:28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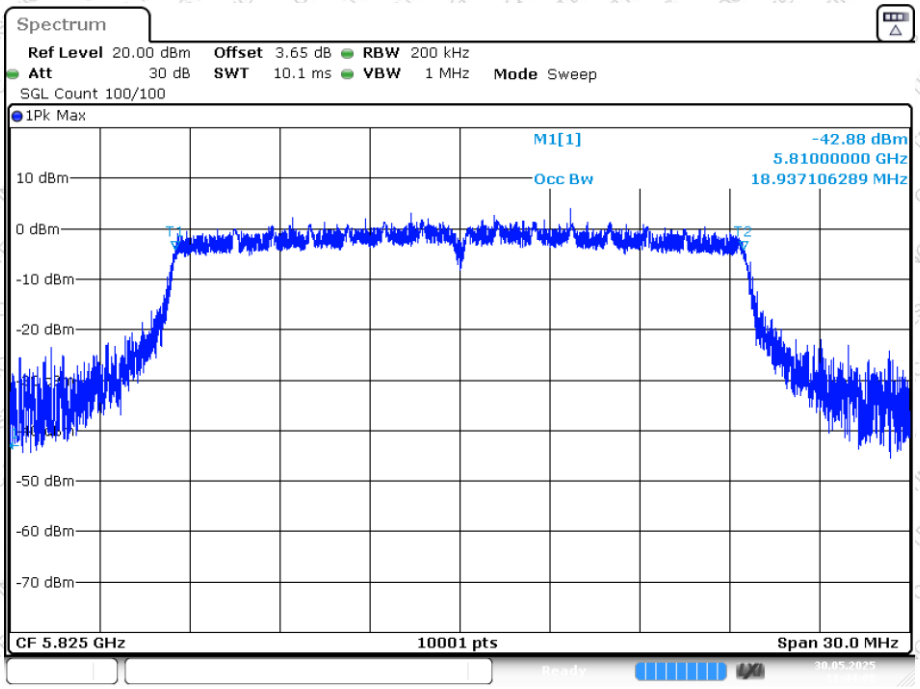
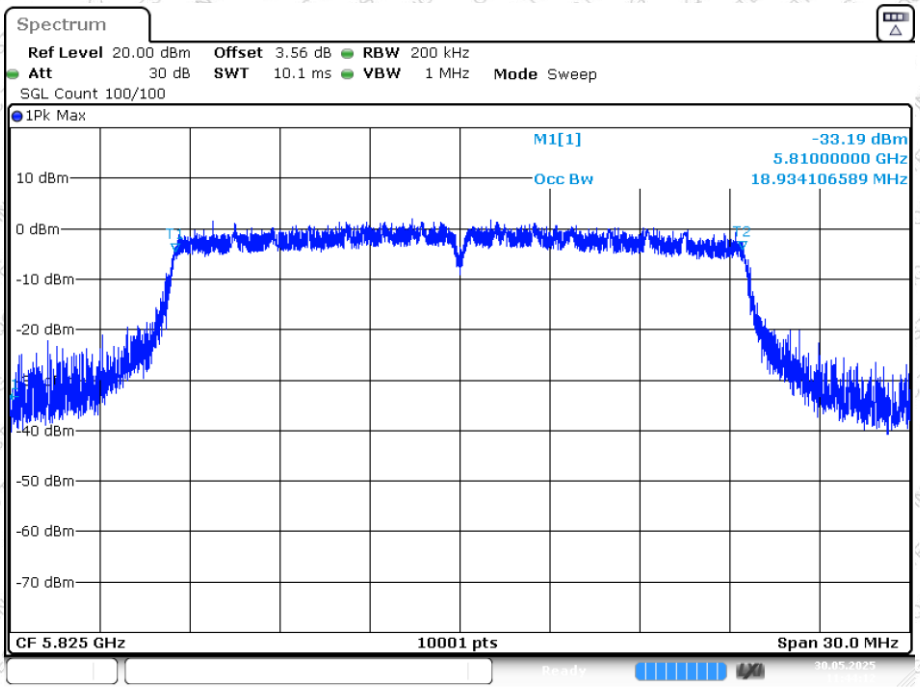
OBW NVNT ax20 5825MHz Ant1




Date: 30.MAY.2025 11:44:08

OBW NVNT ax20 5825MHz Ant2




Date: 30.MAY.2025 11:44:12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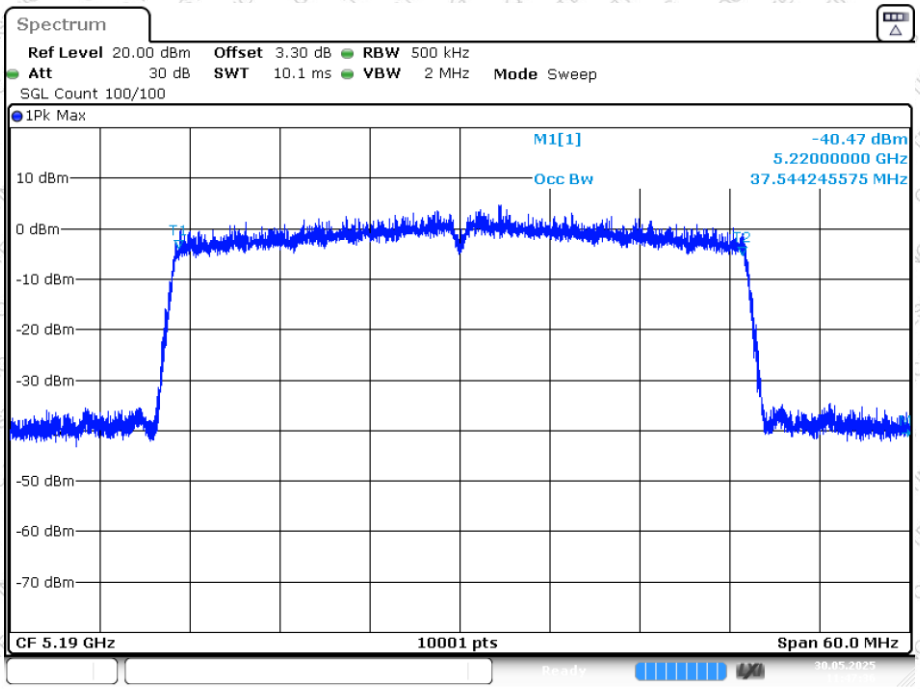
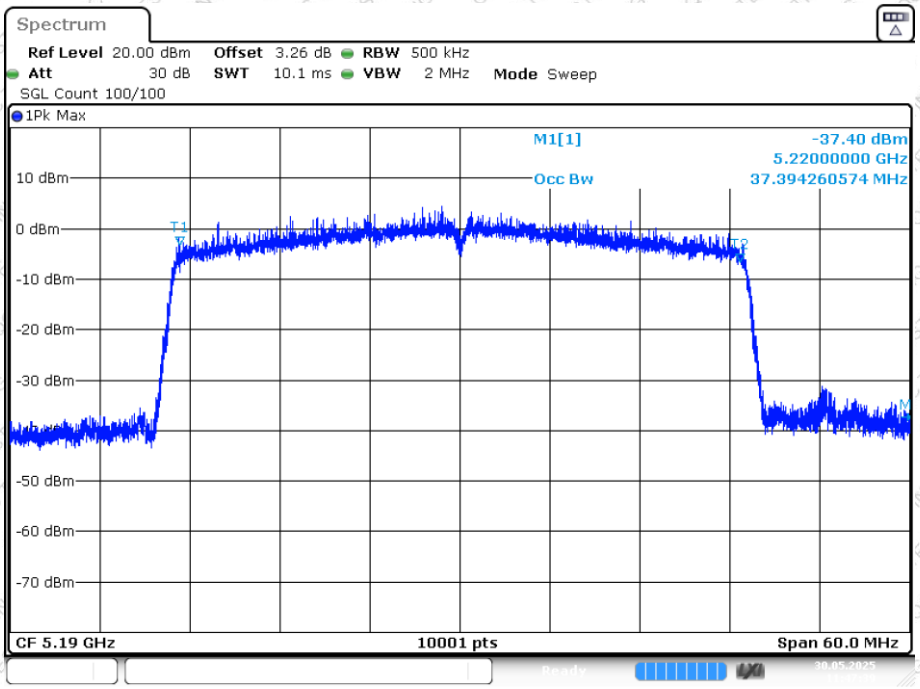
OBW NVNT ax40 5190MHz Ant1




Date: 30.MAY.2025 11:47:37

OBW NVNT ax40 5190MHz Ant2




Date: 30.MAY.2025 11:47:40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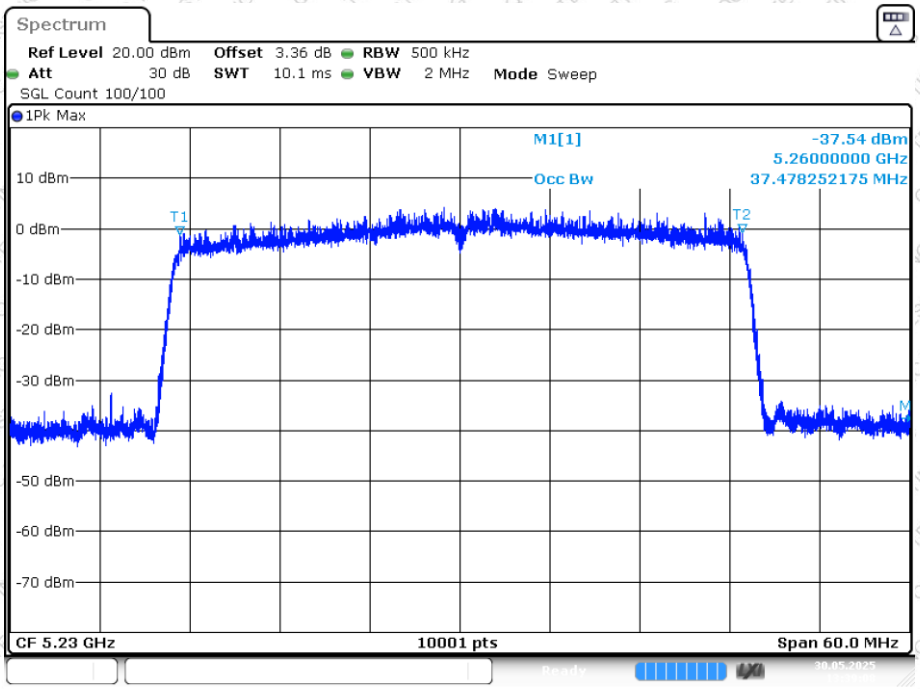
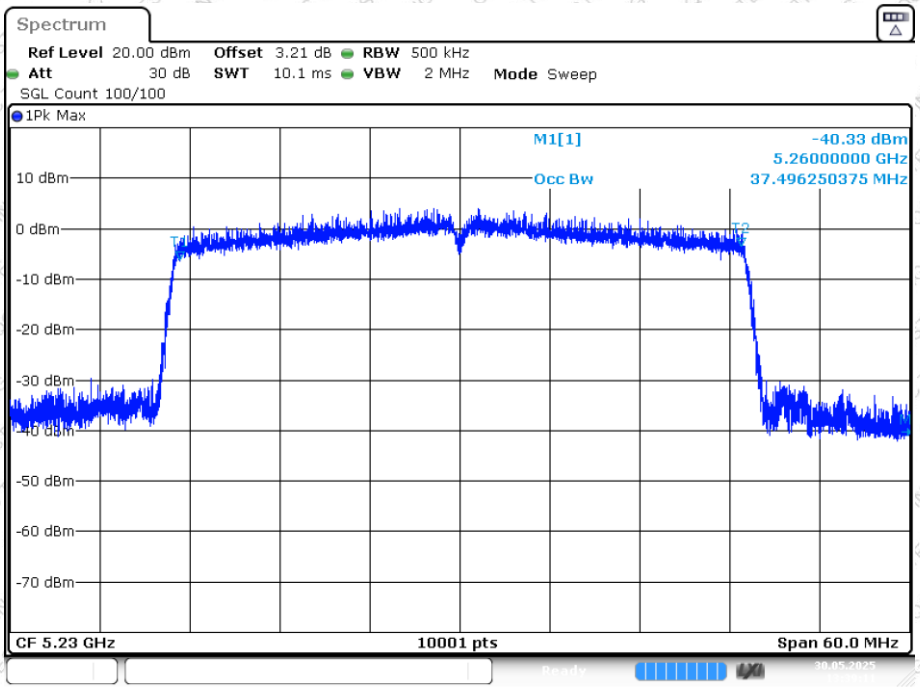
OBW NVNT ax40 5230MHz Ant1




Date: 30.MAY.2025 13:39:08

OBW NVNT ax40 5230MHz Ant2




Date: 30.MAY.2025 13:39:12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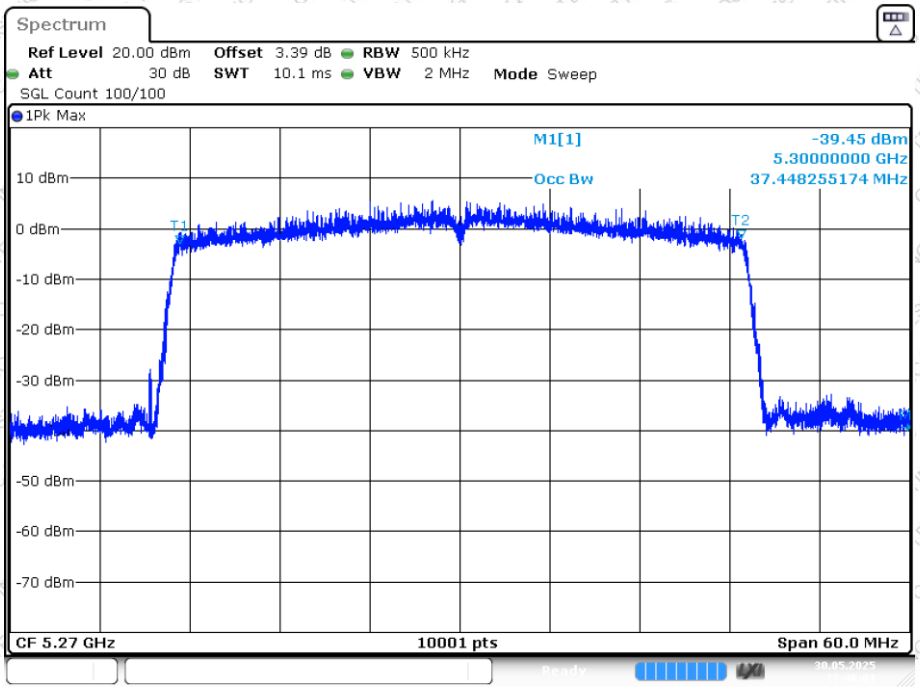
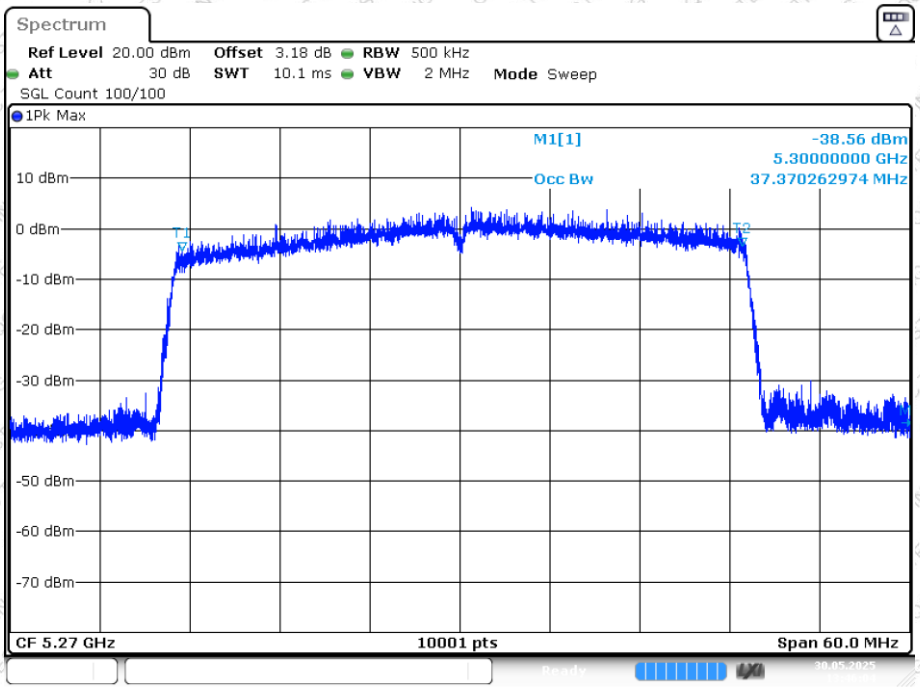
OBW NVNT ax40 5270MHz Ant1




Date: 30.MAY.2025 13:46:01

OBW NVNT ax40 5270MHz Ant2




Date: 30.MAY.2025 13:46:04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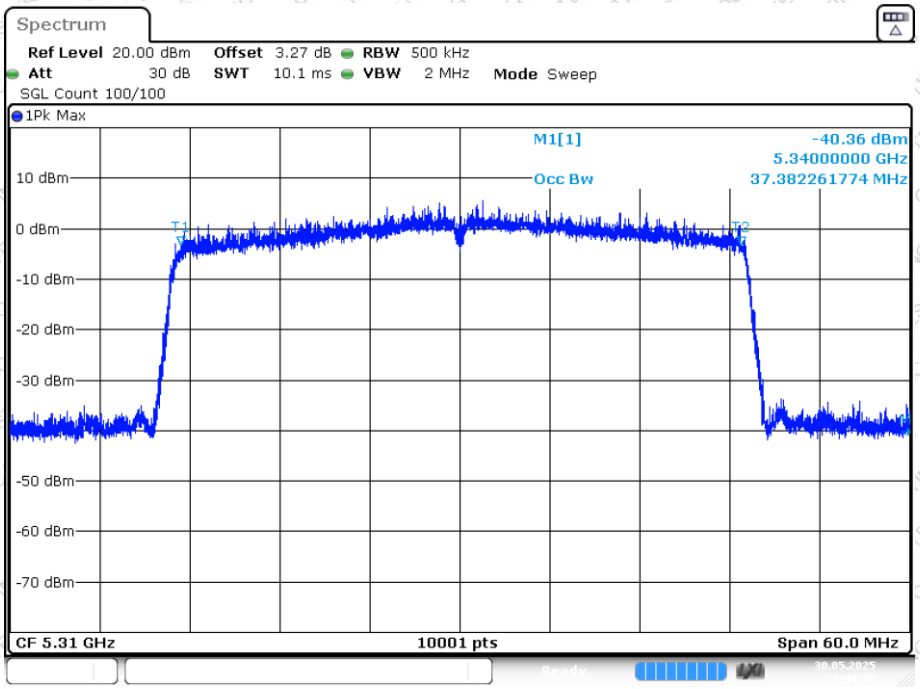
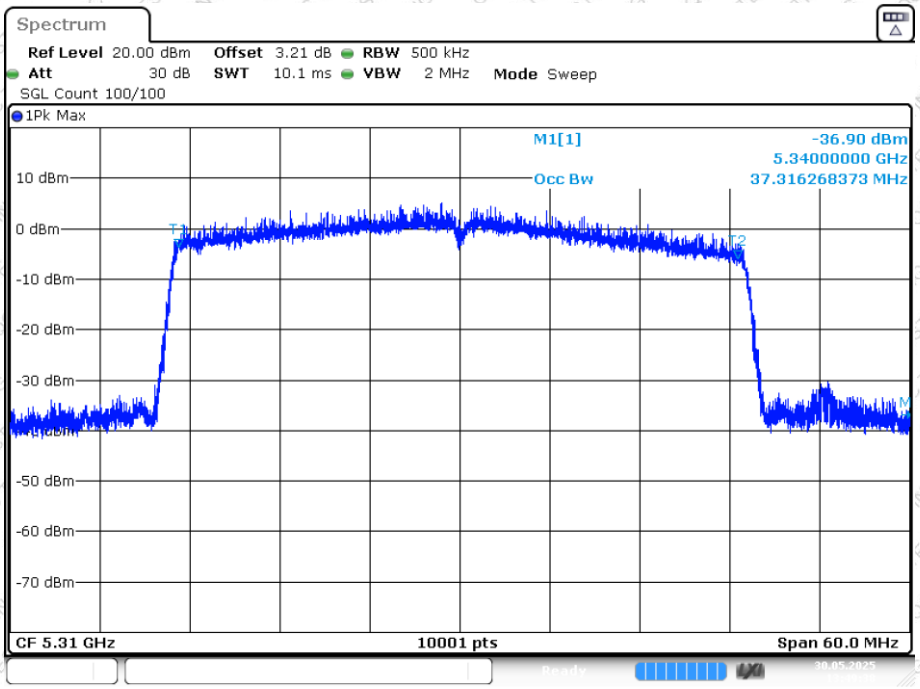
OBW NVNT ax40 5310MHz Ant1




Date: 30.MAY.2025 13:49:35

OBW NVNT ax40 5310MHz Ant2




Date: 30.MAY.2025 13:49:38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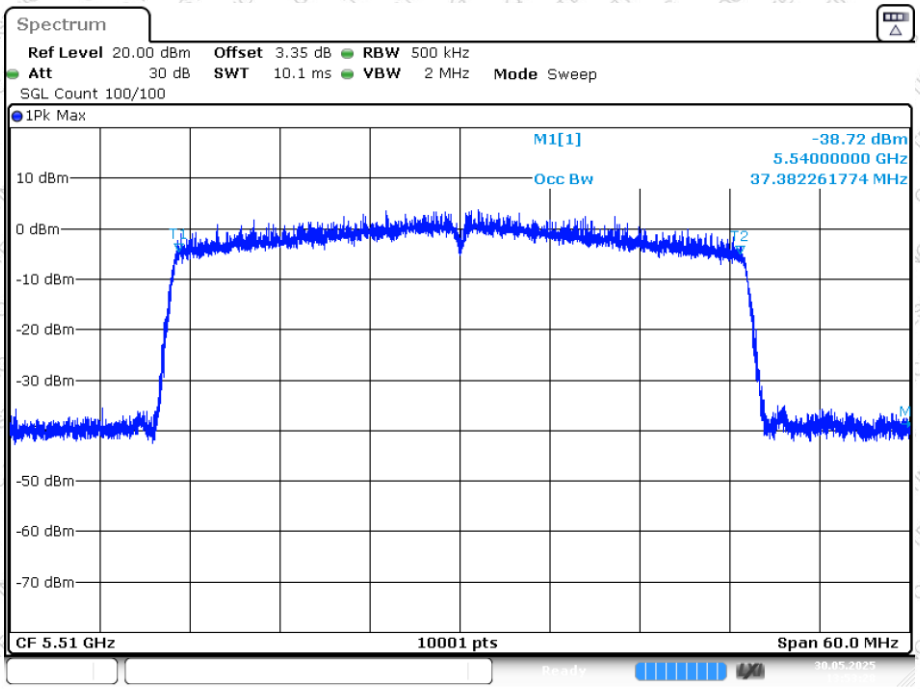
OBW NVNT ax40 5510MHz Ant1

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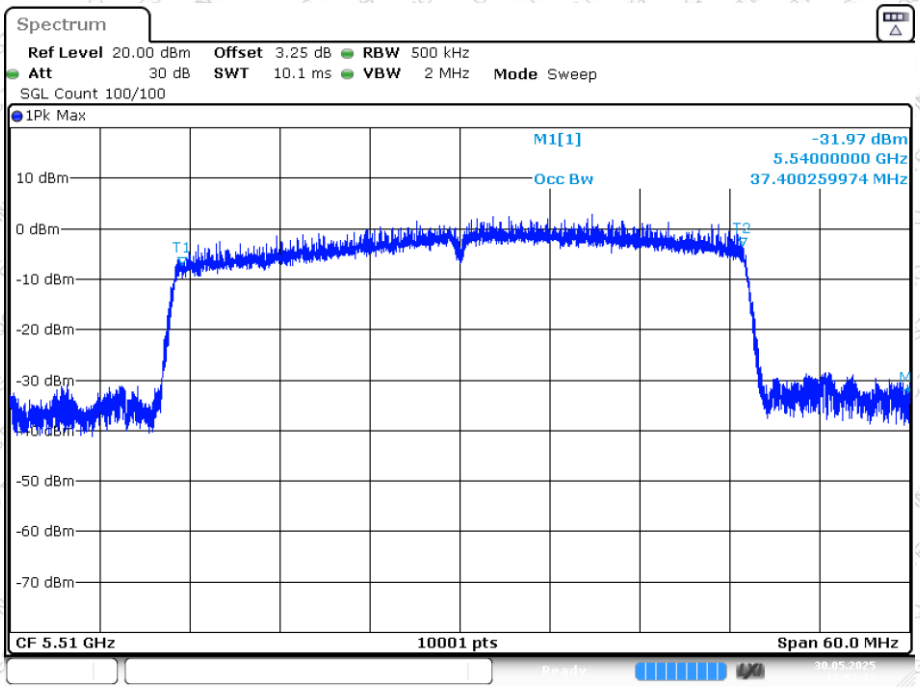
OBW NVNT ax40 5510MHz Ant2




Date: 30.MAY.2025 13:53:32



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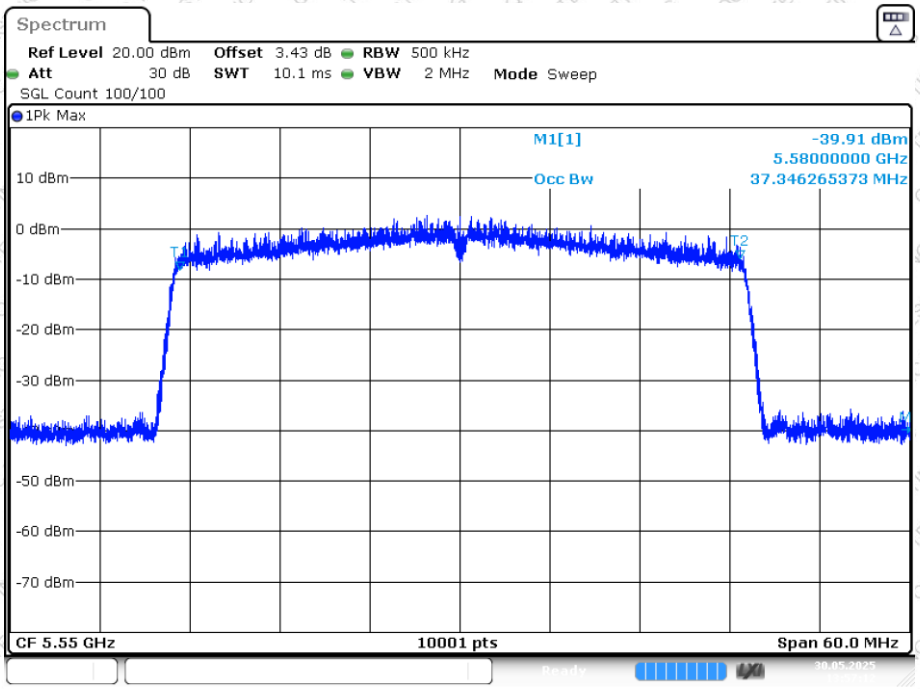
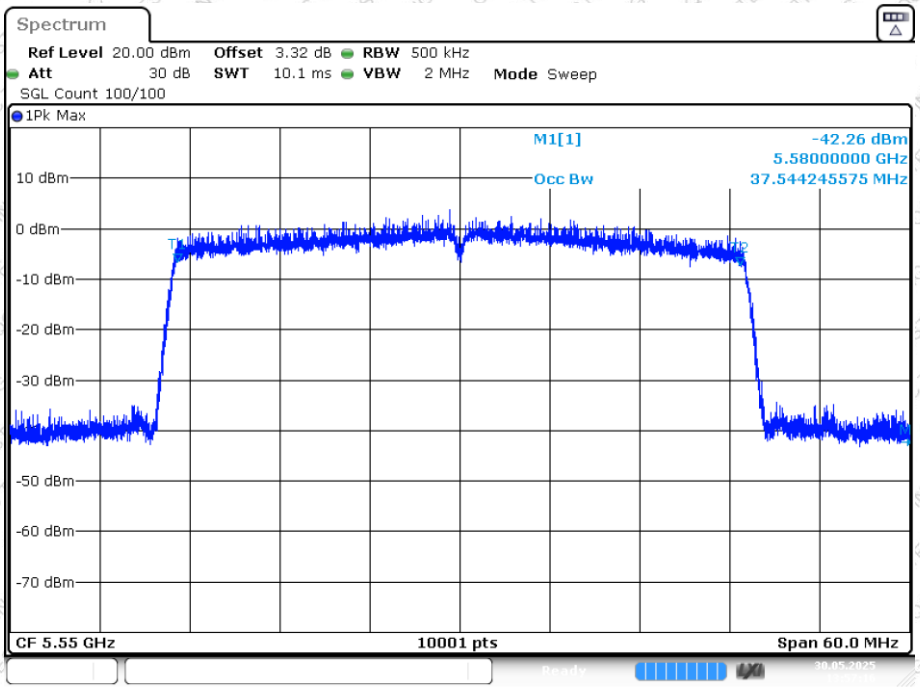
OBW NVNT ax40 5550MHz Ant1




OBW NVNT ax40 5550MHz Ant2





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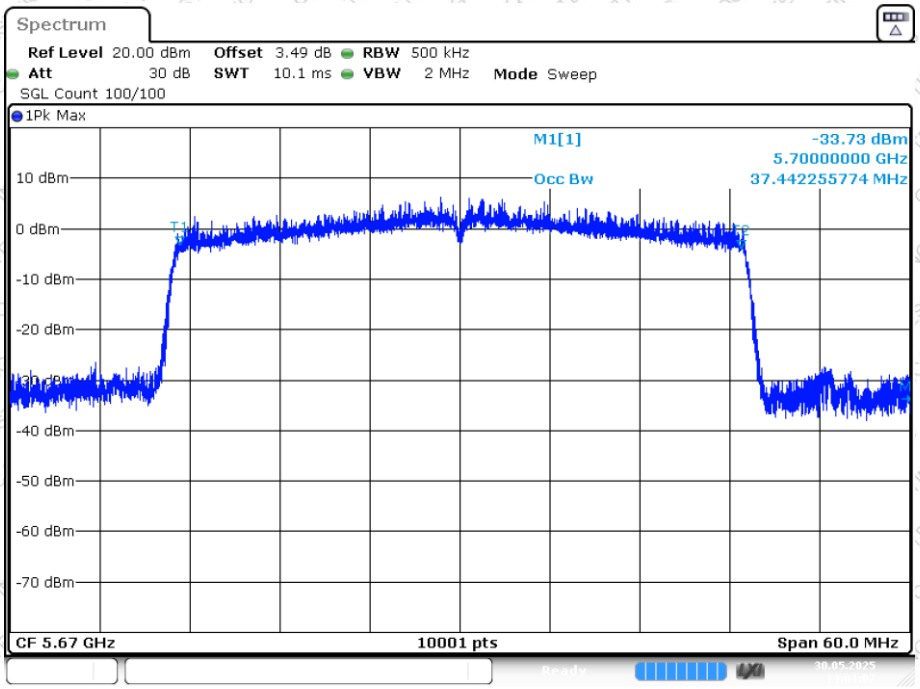
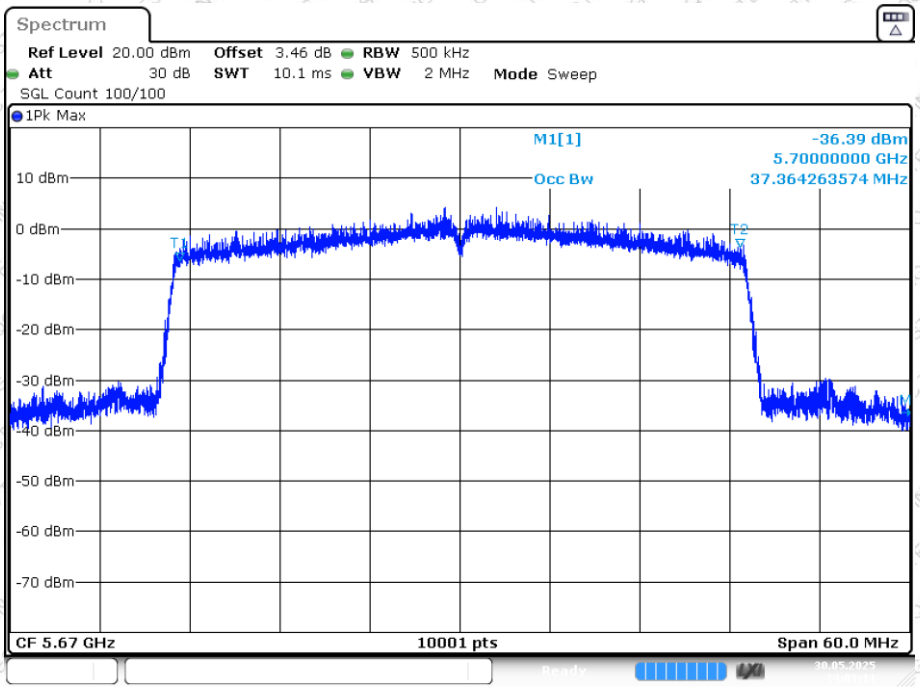
OBW NVNT ax40 5670MHz Ant1




Date: 30.MAY.2025 14:01:08

OBW NVNT ax40 5670MHz Ant2




Date: 30.MAY.2025 14:01:11



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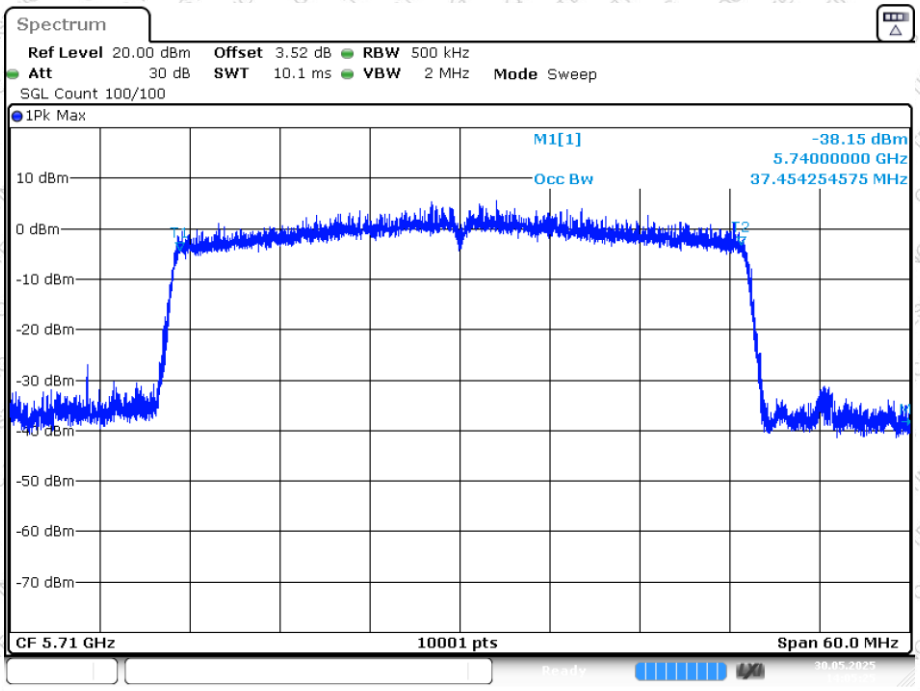
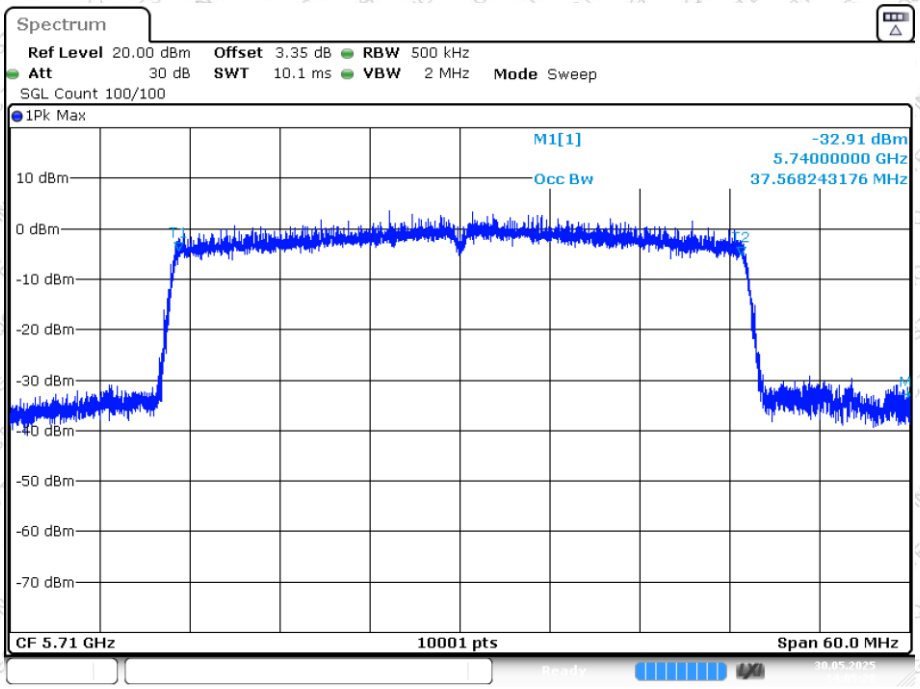
OBW NVNT ax40 5710MHz Ant1




Date: 30.MAY.2025 14:05:25

OBW NVNT ax40 5710MHz Ant2




Date: 30.MAY.2025 14:05:28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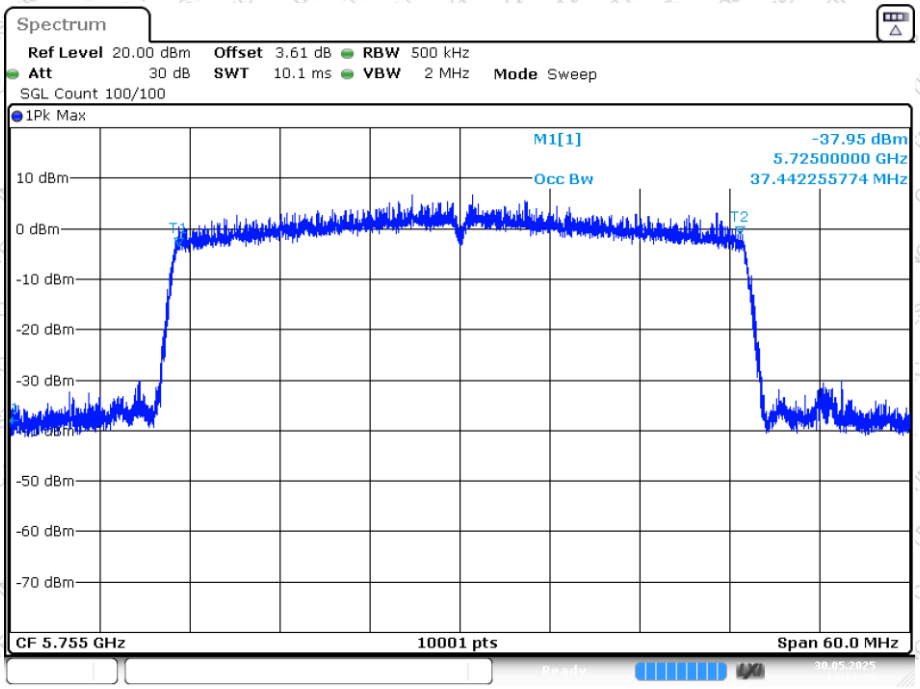
OBW NVNT ax40 5755MHz Ant1

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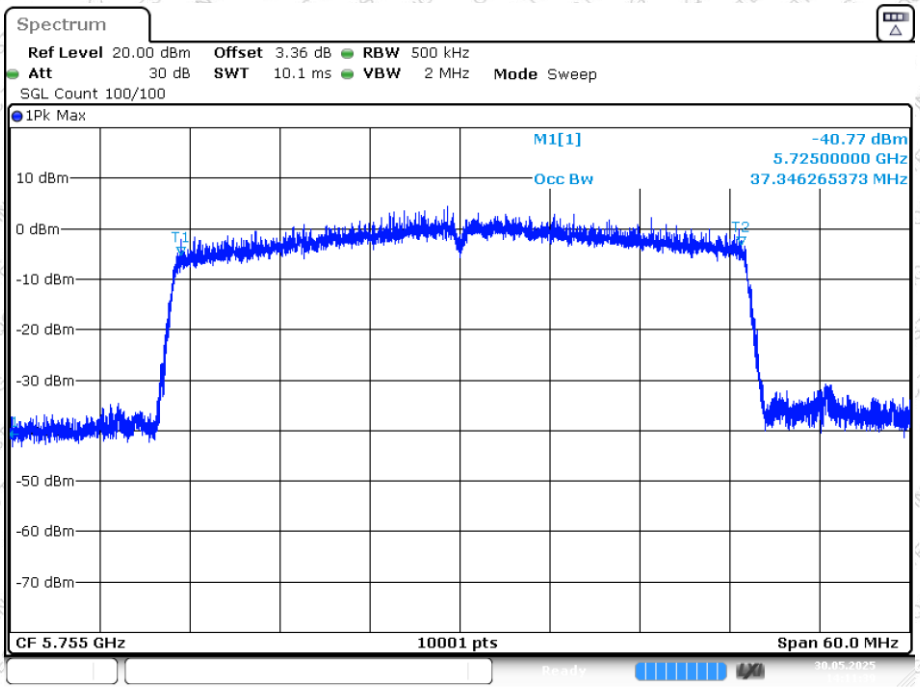
OBW NVNT ax40 5755MHz Ant2




Date: 30.MAY.2025 14:11:39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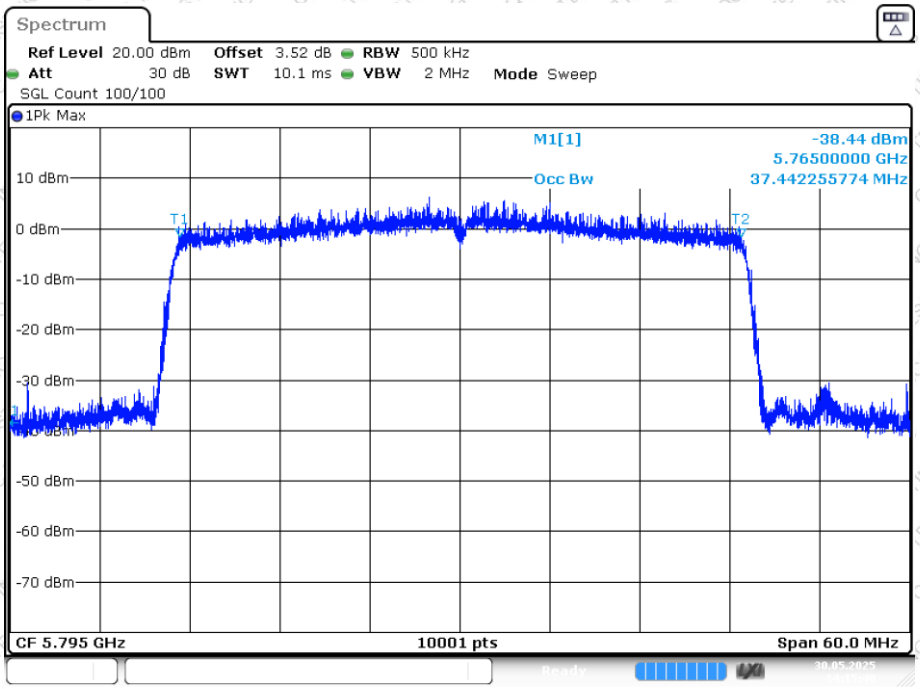
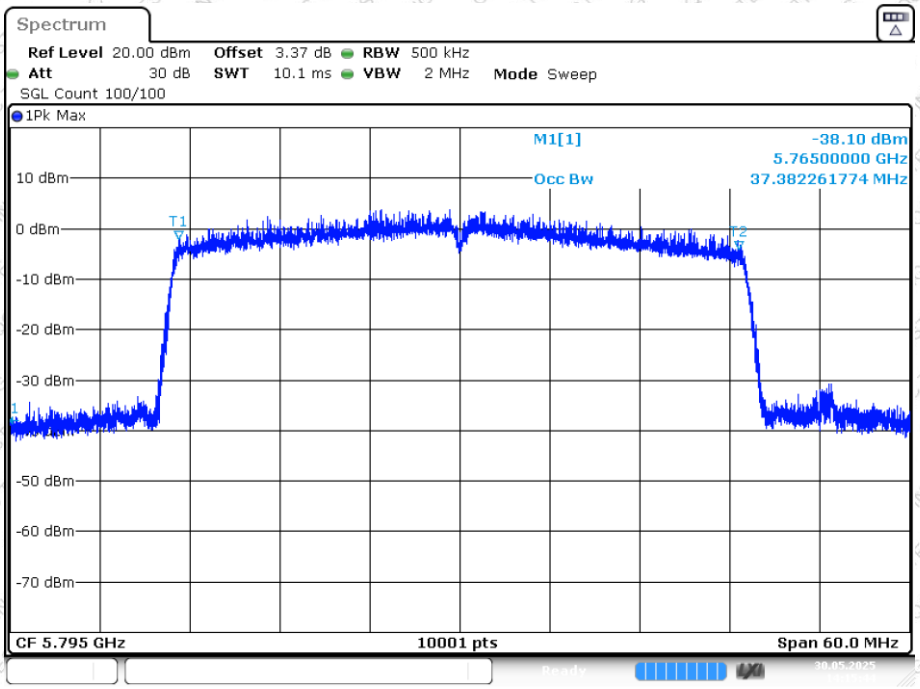
OBW NVNT ax40 5795MHz Ant1




Date: 30.MAY.2025 14:15:41

OBW NVNT ax40 5795MHz Ant2




Date: 30.MAY.2025 14:15:44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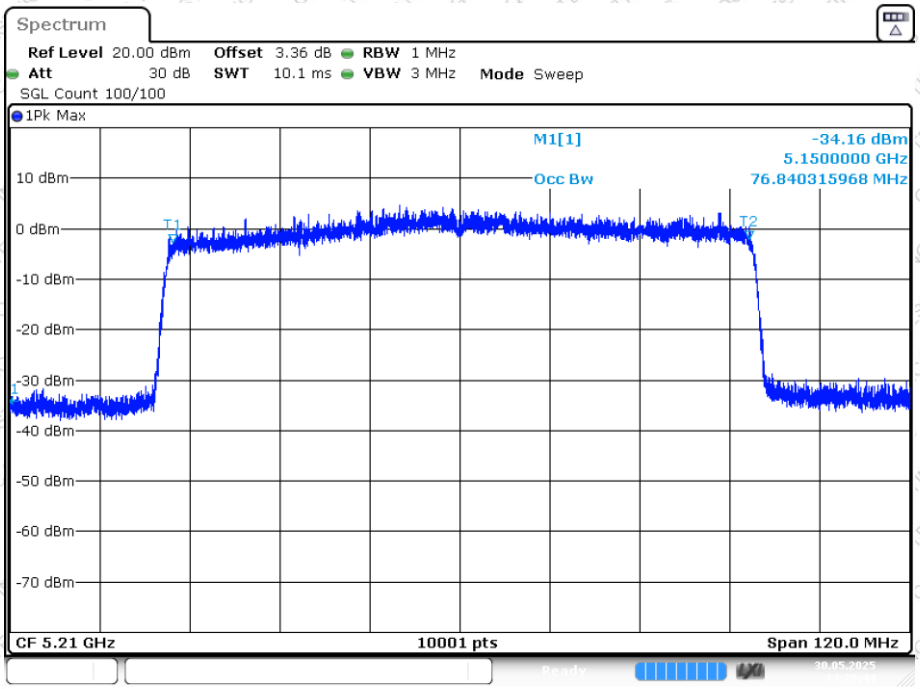
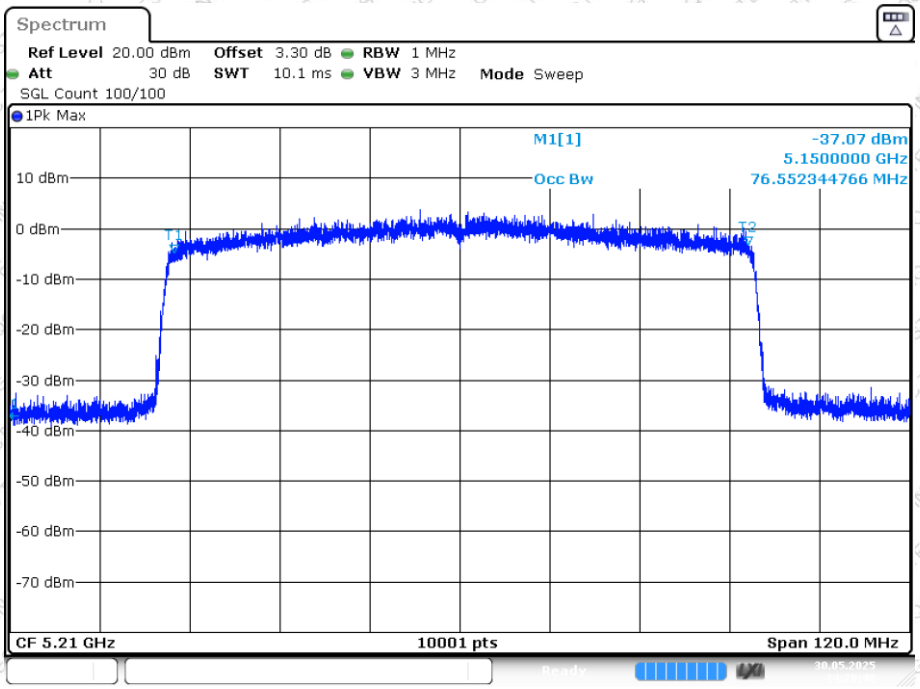
OBW NVNT ax80 5210MHz Ant1




Date: 30.MAY.2025 14:20:45

OBW NVNT ax80 5210MHz Ant2




Date: 30.MAY.2025 14:20:49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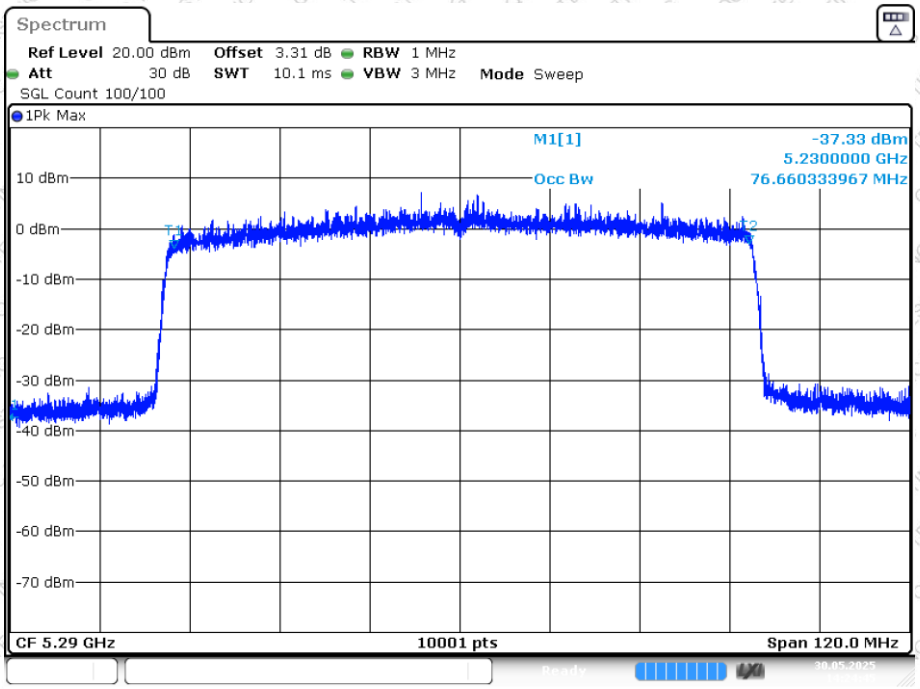
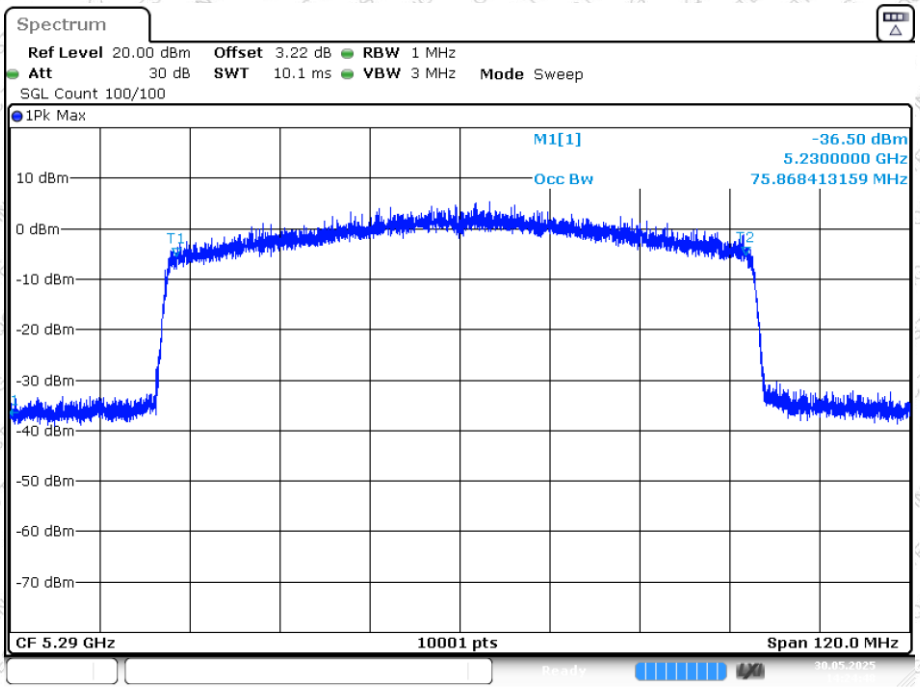
OBW NVNT ax80 5290MHz Ant1




Date: 30.MAY.2025 14:24:45

OBW NVNT ax80 5290MHz Ant2




Date: 30.MAY.2025 14:24:48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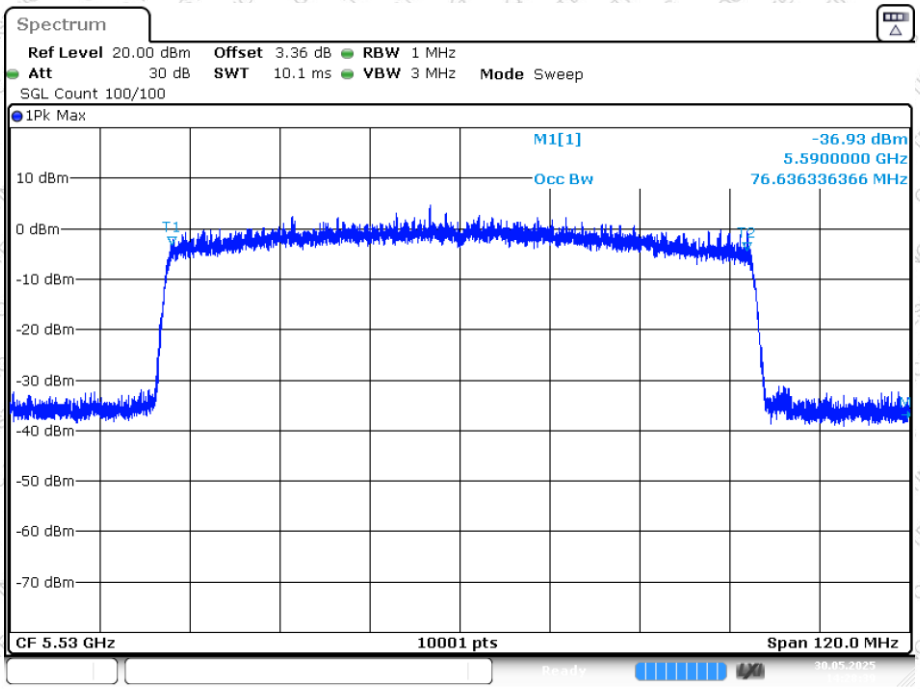
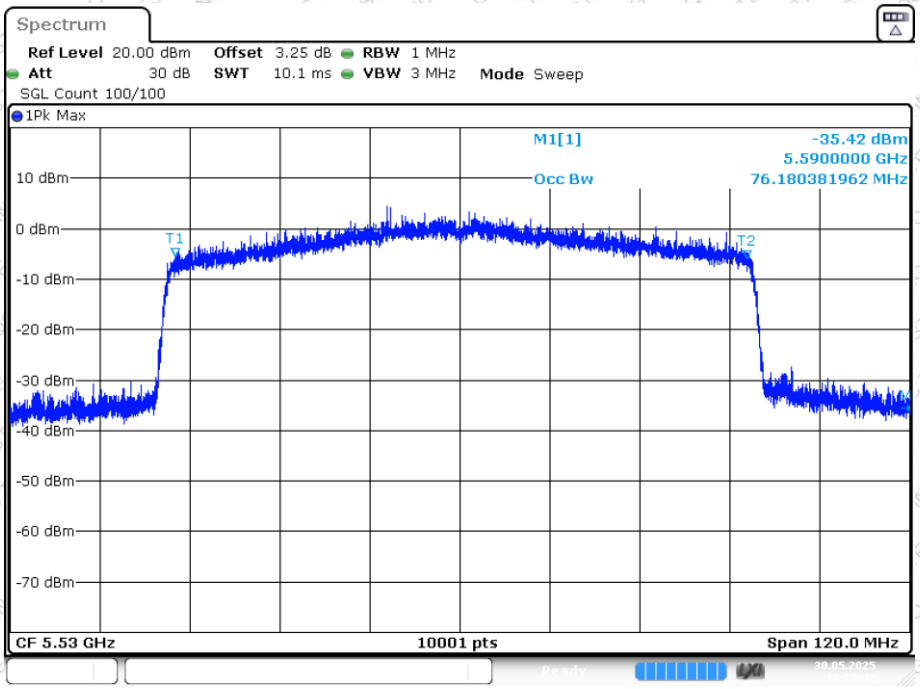
OBW NVNT ax80 5530MHz Ant1




Date: 30.MAY.2025 14:28:39

OBW NVNT ax80 5530MHz Ant2

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Address: East of 1/F., Building E, Xinghong Science Park, No.111, Shuiku Road, Fenghuanggang, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China
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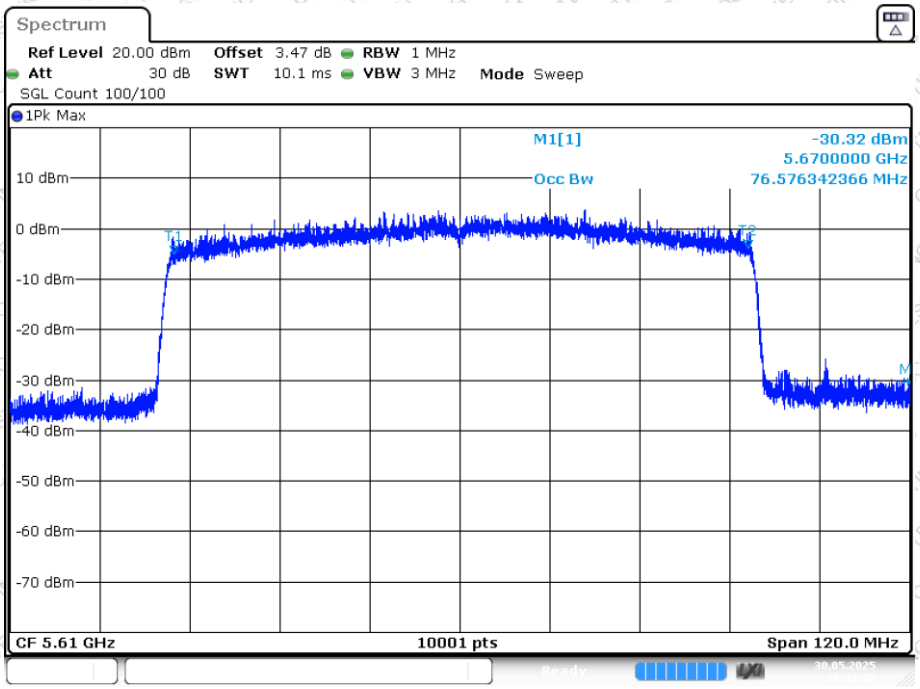
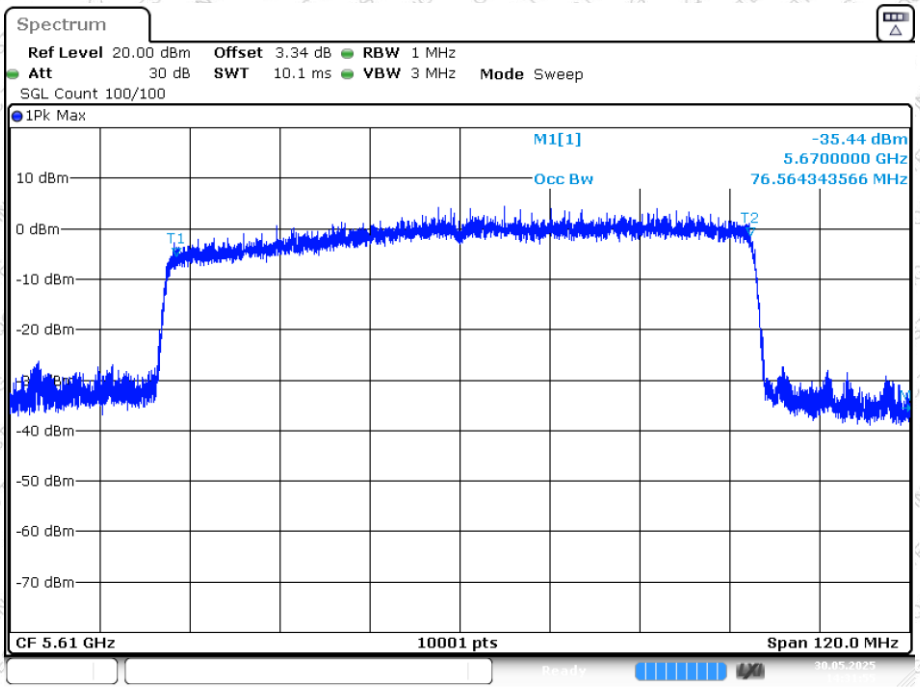
OBW NVNT ax80 5610MHz Ant1




Date: 30.MAY.2025 14:31:52

OBW NVNT ax80 5610MHz Ant2




Date: 30.MAY.2025 14:31:55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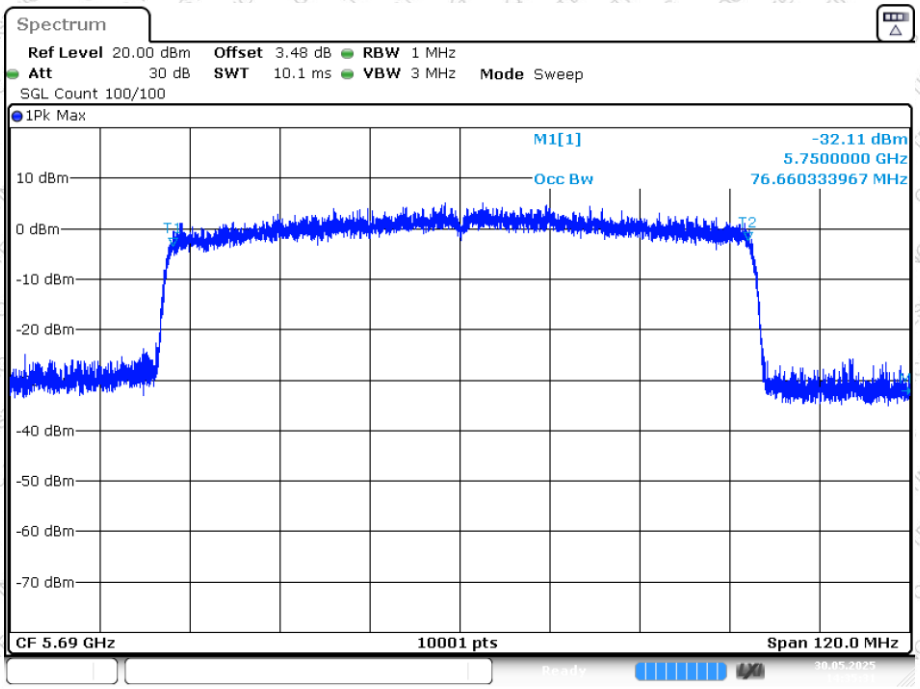
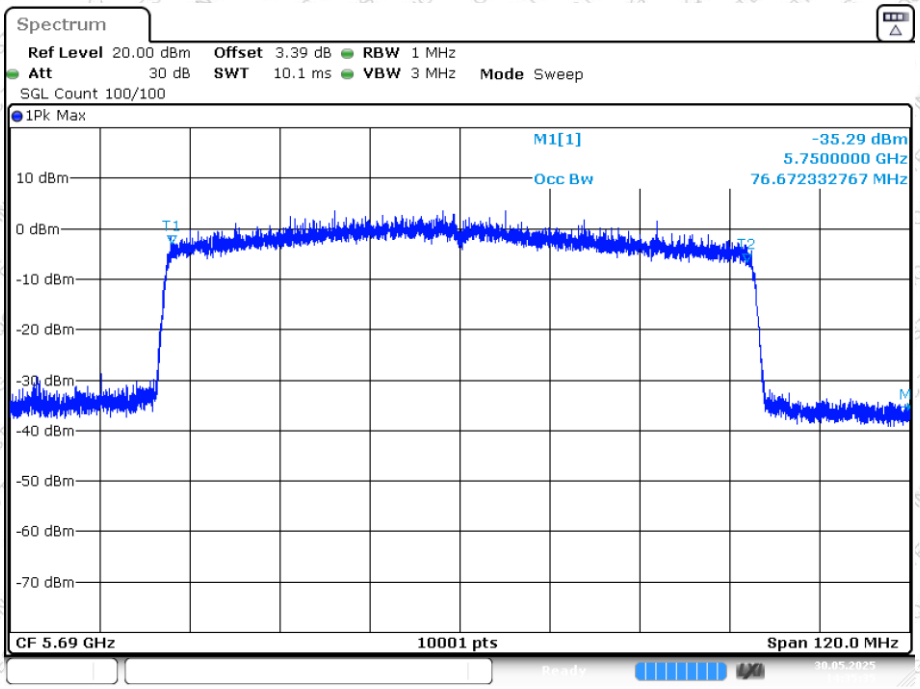
OBW NVNT ax80 5690MHz Ant1




Date: 30.MAY.2025 14:35:31

OBW NVNT ax80 5690MHz Ant2




Date: 30.MAY.2025 14:35:35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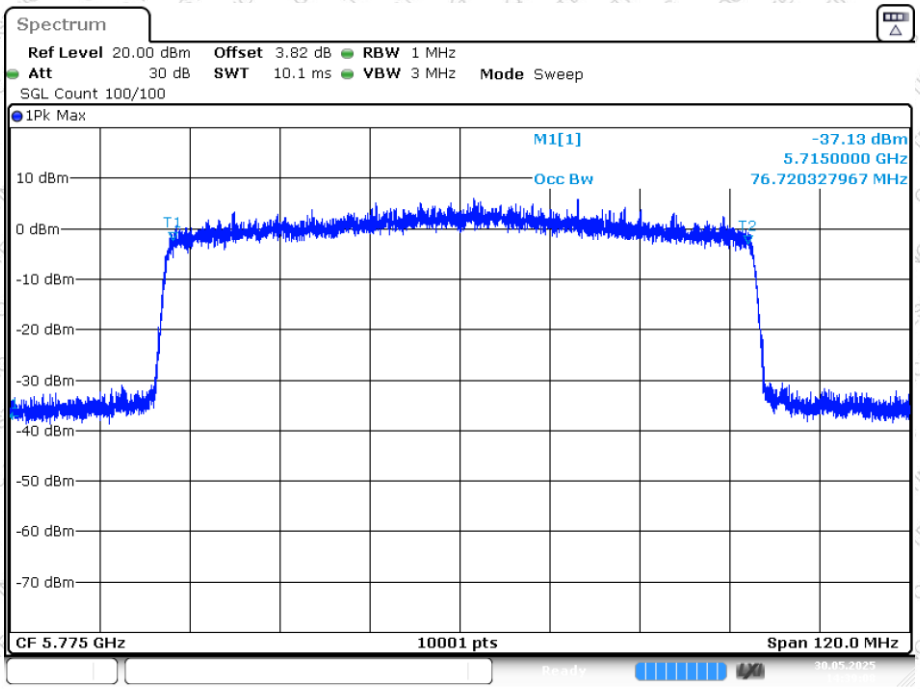
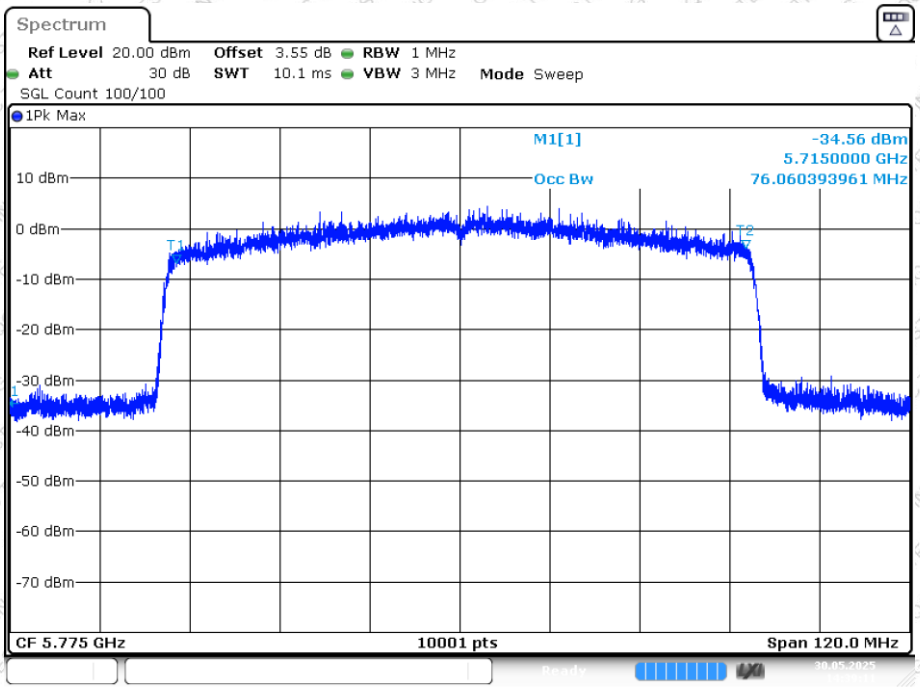
OBW NVNT ax80 5775MHz Ant1




Date: 30.MAY.2025 14:39:08

OBW NVNT ax80 5775MHz Ant2




Date: 30.MAY.2025 14:39:11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# 7. Maximum conducted output power

## 7.1. Test Method

According to KDB789033 D02

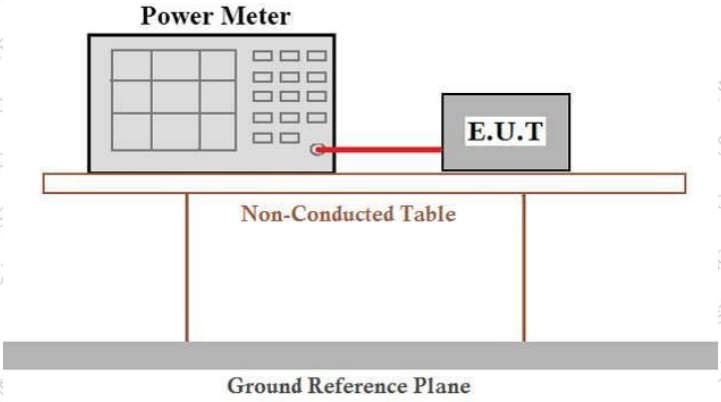
## 7.2. Limit

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26dB emission bandwidth in megahertz.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

## 7.3. Test setup




## 7.4. Test Procedure

**Measurement using an RF average power meter**

(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the conditions listed below are satisfied

a) The EUT is configured to transmit continuously or to transmit with a constant duty cycle.

b) At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.

c) The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.

(ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in section B).

(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.

(iv) Adjust the measurement in dBm by adding 10 log(1/x) where x is the duty cycle (e.g., 10log(1/0.25) if the duty cycle is 25 percent).

## 7.5. Test Data

| | | | |
|---|---|---|---|
| Temperature | 21.9 ℃ | Humidity | 52% |
| ATM Pressure | 101.1kPa | Antenna Gain | see page 5 |
| Test by | LBi Li | Test result | PASS |



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**Test result as below table**

**Maximum conducted power:**

| Mode | Frequency (MHz) | Measured Power (dBm) | | Duty Factor | | Conducted Power (dBm) | | | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Ant1 | Ant2 | Ant1 | Ant2 | Ant1 | Ant2 | Sum | | |
| a | 5180 | 11.76 | 12.18 | 0.81 | 0.81 | 12.57 | 12.99 | --- | 23.98 | Pass |
| a | 5200 | 12.21 | 12.44 | 0.83 | 0.83 | 13.04 | 13.27 | --- | 23.98 | Pass |
| a | 5240 | 11.93 | 12.75 | 0.73 | 0.73 | 12.66 | 13.48 | --- | 23.98 | Pass |
| a | 5260 | 13.38 | 13.44 | 0.62 | 0.62 | 14 | 14.06 | --- | 23.98 | Pass |
| a | 5300 | 12.44 | 14.16 | 0.49 | 0.49 | 12.93 | 14.65 | --- | 23.98 | Pass |
| a | 5320 | 13.12 | 13.76 | 0.55 | 0.55 | 13.67 | 14.31 | --- | 23.98 | Pass |
| a | 5500 | 12.06 | 10.99 | 0.53 | 0.53 | 12.59 | 11.52 | --- | 22.28 | Pass |
| a | 5580 | 11.44 | 11.19 | 0.7 | 0.7 | 12.14 | 11.89 | --- | 22.28 | Pass |
| a | 5700 | 12.18 | 11.81 | 0.71 | 0.71 | 12.89 | 12.52 | --- | 22.28 | Pass |
| a | 5720 | 12.37 | 12.06 | 0.59 | 0.59 | 12.96 | 12.65 | --- | 22.28 | Pass |
| a | 5745 | 14.42 | 13.12 | 0.56 | 0.56 | 14.98 | 13.68 | --- | 28.3 | Pass |
| a | 5785 | 14.43 | 14.15 | 0.46 | 0.46 | 14.89 | 14.61 | --- | 28.3 | Pass |
| a | 5825 | 13.73 | 13.62 | 0.5 | 0.5 | 14.23 | 14.12 | --- | 28.3 | Pass |
| n20 | 5180 | 11.12 | 10.87 | 0.84 | 0.84 | 11.96 | 11.71 | 14.85 | 23.98 | Pass |
| n20 | 5200 | 11.2 | 11.54 | 0.83 | 0.83 | 12.03 | 12.37 | 15.21 | 23.98 | Pass |
| n20 | 5240 | 10.84 | 11.79 | 0.79 | 0.79 | 11.63 | 12.58 | 15.14 | 23.98 | Pass |
| n20 | 5260 | 13.6 | 13.21 | 0.62 | 0.62 | 14.22 | 13.83 | 17.04 | 23.98 | Pass |
| n20 | 5300 | 12.18 | 13.41 | 0.52 | 0.52 | 12.7 | 13.93 | 16.37 | 23.98 | Pass |
| n20 | 5320 | 12.59 | 13.14 | 0.59 | 0.59 | 13.18 | 13.73 | 16.47 | 23.98 | Pass |
| n20 | 5500 | 11.27 | 10.05 | 0.54 | 0.54 | 11.81 | 10.59 | 14.25 | 22.28 | Pass |
| n20 | 5580 | 10.44 | 10.6 | 0.74 | 0.74 | 11.18 | 11.34 | 14.27 | 22.28 | Pass |
| n20 | 5700 | 11.6 | 11.19 | 0.68 | 0.68 | 12.28 | 11.87 | 15.09 | 22.28 | Pass |
| n20 | 5720 | 11.69 | 11.4 | 0.6 | 0.6 | 12.29 | 12 | 15.16 | 22.28 | Pass |
| n20 | 5745 | 11.41 | 9.89 | 0.55 | 0.55 | 11.96 | 10.44 | 14.28 | 28.3 | Pass |
| n20 | 5785 | 11.58 | 10.66 | 0.49 | 0.49 | 12.07 | 11.15 | 14.64 | 28.3 | Pass |
| n20 | 5825 | 10.7 | 10.62 | 0.54 | 0.54 | 11.24 | 11.16 | 14.21 | 28.3 | Pass |
| n40 | 5190 | 10.92 | 10.35 | 1.46 | 1.46 | 12.38 | 11.81 | 15.11 | 23.98 | Pass |
| n40 | 5230 | 10.18 | 10.96 | 1.21 | 1.21 | 11.39 | 12.17 | 14.81 | 23.98 | Pass |
| n40 | 5260 | 12.3 | 11.71 | 0.99 | 0.99 | 13.29 | 12.7 | 16.02 | 23.98 | Pass |
| n40 | 5310 | 11.13 | 11.9 | 0.81 | 0.81 | 11.94 | 12.71 | 15.35 | 23.98 | Pass |
| n40 | 5510 | 9.89 | 8.52 | 1.03 | 1.03 | 10.92 | 9.55 | 13.3 | 22.28 | Pass |
| n40 | 5550 | 8.09 | 9.29 | 1.17 | 1.17 | 9.26 | 10.46 | 12.91 | 22.28 | Pass |
| n40 | 5670 | 11.29 | 9.24 | 1.2 | 1.2 | 12.49 | 10.44 | 14.6 | 22.28 | Pass |
| n40 | 5710 | 10.51 | 9.54 | 1.1 | 1.1 | 11.61 | 10.64 | 14.16 | 22.28 | Pass |
| n40 | 5755 | 10.79 | 9.06 | 0.95 | 0.95 | 11.74 | 10.01 | 13.97 | 28.3 | Pass |
| n40 | 5795 | 10.54 | 9.58 | 0.93 | 0.93 | 11.47 | 10.51 | 14.03 | 28.3 | Pass |
| ac20 | 5180 | 10.12 | 10.12 | 1.37 | 1.37 | 11.49 | 11.49 | 14.5 | 23.98 | Pass |
| ac20 | 5200 | 10.35 | 10.78 | 1.34 | 1.34 | 11.69 | 12.12 | 14.92 | 23.98 | Pass |



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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ac20 | 5240 | 9.78 | 11.17 | 1.18 | 1.18 | 10.96 | 12.35 | 14.72 | 23.98 | Pass |
| ac20 | 5260 | 11.16 | 11.11 | 1.04 | 1.04 | 12.2 | 12.15 | 15.19 | 23.98 | Pass |
| ac20 | 5300 | 10.9 | 11.87 | 0.84 | 0.84 | 11.74 | 12.71 | 15.26 | 23.98 | Pass |
| ac20 | 5320 | 11.18 | 11.19 | 0.95 | 0.95 | 12.13 | 12.14 | 15.15 | 23.98 | Pass |
| ac20 | 5500 | 9.45 | 8.22 | 0.91 | 0.91 | 10.36 | 9.13 | 12.8 | 22.28 | Pass |
| ac20 | 5580 | 8.21 | 8.78 | 1.25 | 1.25 | 9.46 | 10.03 | 12.76 | 22.28 | Pass |
| ac20 | 5700 | 8.66 | 8.19 | 1.06 | 1.06 | 9.72 | 9.25 | 12.5 | 22.28 | Pass |
| ac20 | 5720 | 8.99 | 8.49 | 1.04 | 1.04 | 10.03 | 9.53 | 12.8 | 22.28 | Pass |
| ac20 | 5745 | 9.84 | 8.11 | 0.99 | 0.99 | 10.83 | 9.1 | 13.06 | 28.3 | Pass |
| ac20 | 5785 | 9.84 | 9.02 | 0.74 | 0.74 | 10.58 | 9.76 | 13.2 | 28.3 | Pass |
| ac20 | 5825 | 8.85 | 8.83 | 0.85 | 0.85 | 9.7 | 9.68 | 12.7 | 28.3 | Pass |
| ac40 | 5190 | 8.06 | 7.97 | 2.26 | 2.26 | 10.32 | 10.23 | 13.29 | 23.98 | Pass |
| ac40 | 5230 | 8.3 | 8.51 | 1.9 | 1.9 | 10.2 | 10.41 | 13.32 | 23.98 | Pass |
| ac40 | 5260 | 10.52 | 9.07 | 1.56 | 1.56 | 12.08 | 10.63 | 14.43 | 23.98 | Pass |
| ac40 | 5310 | 9.64 | 10.04 | 1.25 | 1.25 | 10.89 | 11.29 | 14.1 | 23.98 | Pass |
| ac40 | 5510 | 8.29 | 6.77 | 1.57 | 1.57 | 9.86 | 8.34 | 12.18 | 22.28 | Pass |
| ac40 | 5550 | 6.43 | 7.38 | 1.76 | 1.76 | 8.19 | 9.14 | 11.7 | 22.28 | Pass |
| ac40 | 5670 | 9.82 | 7.17 | 1.86 | 1.86 | 11.68 | 9.03 | 13.56 | 22.28 | Pass |
| ac40 | 5710 | 8.88 | 8.03 | 1.65 | 1.65 | 10.53 | 9.68 | 13.14 | 22.28 | Pass |
| ac40 | 5755 | 8.57 | 6.86 | 1.4 | 1.4 | 9.97 | 8.26 | 12.21 | 28.3 | Pass |
| ac40 | 5795 | 8.2 | 7.12 | 1.4 | 1.4 | 9.6 | 8.52 | 12.1 | 28.3 | Pass |
| ac80 | 5210 | 5.67 | 5.06 | 2.9 | 2.9 | 8.57 | 7.96 | 11.29 | 23.98 | Pass |
| ac80 | 5290 | 7.12 | 6.31 | 1.82 | 1.82 | 8.94 | 8.13 | 11.56 | 23.98 | Pass |
| ac80 | 5530 | 5.3 | 4.69 | 2.37 | 2.37 | 7.67 | 7.06 | 10.39 | 22.28 | Pass |
| ac80 | 5610 | 5.94 | 6.2 | 2.8 | 2.8 | 8.74 | 9 | 11.88 | 22.28 | Pass |
| ac80 | 5690 | 7.42 | 5.12 | 2.43 | 2.43 | 9.85 | 7.55 | 11.86 | 22.28 | Pass |
| ac80 | 5775 | 7.52 | 6.05 | 1.69 | 1.69 | 9.21 | 7.74 | 11.55 | 28.3 | Pass |
| ax20 | 5180 | 6.7 | 6.87 | 2.04 | 2.04 | 8.74 | 8.91 | 11.84 | 23.98 | Pass |
| ax20 | 5200 | 7.04 | 7.09 | 1.98 | 1.98 | 9.02 | 9.07 | 12.06 | 23.98 | Pass |
| ax20 | 5240 | 7.3 | 7.3 | 1.74 | 1.74 | 9.04 | 9.04 | 12.05 | 23.98 | Pass |
| ax20 | 5260 | 8.08 | 7.2 | 1.49 | 1.49 | 9.57 | 8.69 | 12.16 | 23.98 | Pass |
| ax20 | 5300 | 8.15 | 9.14 | 1.19 | 1.19 | 9.34 | 10.33 | 12.87 | 23.98 | Pass |
| ax20 | 5320 | 8.82 | 8.98 | 1.36 | 1.36 | 10.18 | 10.34 | 13.27 | 23.98 | Pass |
| ax20 | 5500 | 6.97 | 5.65 | 1.25 | 1.25 | 8.22 | 6.9 | 10.62 | 22.28 | Pass |
| ax20 | 5580 | 6.16 | 6.2 | 1.73 | 1.73 | 7.89 | 7.93 | 10.92 | 22.28 | Pass |
| ax20 | 5700 | 7.53 | 6.77 | 1.55 | 1.55 | 9.08 | 8.32 | 11.73 | 22.28 | Pass |
| ax20 | 5720 | 7.56 | 7.08 | 1.46 | 1.46 | 9.02 | 8.54 | 11.8 | 22.28 | Pass |
| ax20 | 5745 | 9.57 | 7.81 | 1.34 | 1.34 | 10.91 | 9.15 | 13.13 | 28.3 | Pass |
| ax20 | 5785 | 9.52 | 8.59 | 1.09 | 1.09 | 10.61 | 9.68 | 13.18 | 28.3 | Pass |
| ax20 | 5825 | 8.91 | 8.54 | 1.21 | 1.21 | 10.12 | 9.75 | 12.95 | 28.3 | Pass |
| ax40 | 5190 | 7.54 | 6.91 | 1.98 | 1.98 | 9.52 | 8.89 | 12.23 | 23.98 | Pass |
| ax40 | 5230 | 7.82 | 7.54 | 1.69 | 1.69 | 9.51 | 9.23 | 12.38 | 23.98 | Pass |
| ax40 | 5260 | 8.94 | 7.45 | 1.34 | 1.34 | 10.28 | 8.79 | 12.61 | 23.98 | Pass |



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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ax40 | 5310 | 8.09 | 8.12 | 1.09 | 1.09 | 9.18 | 9.21 | 12.21 | 23.98 | Pass |
| ax40 | 5510 | 6.98 | 5.8 | 1.36 | 1.36 | 8.34 | 7.16 | 10.8 | 22.28 | Pass |
| ax40 | 5550 | 5.53 | 6.34 | 1.57 | 1.57 | 7.1 | 7.91 | 10.53 | 22.28 | Pass |
| ax40 | 5670 | 8.89 | 6.66 | 1.66 | 1.66 | 10.55 | 8.32 | 12.59 | 22.28 | Pass |
| ax40 | 5710 | 8.14 | 6.91 | 1.5 | 1.5 | 9.64 | 8.41 | 12.08 | 22.28 | Pass |
| ax40 | 5755 | 8.93 | 7.04 | 1.28 | 1.28 | 10.21 | 8.32 | 12.38 | 28.3 | Pass |
| ax40 | 5795 | 8.9 | 7.54 | 1.3 | 1.3 | 10.2 | 8.84 | 12.58 | 28.3 | Pass |
| ax80 | 5210 | 7.61 | 6.78 | 2.13 | 2.13 | 9.74 | 8.91 | 12.36 | 23.98 | Pass |
| ax80 | 5290 | 8.42 | 7.17 | 1.45 | 1.45 | 9.87 | 8.62 | 12.3 | 23.98 | Pass |
| ax80 | 5530 | 5.71 | 5.58 | 1.77 | 1.77 | 7.48 | 7.35 | 10.43 | 22.28 | Pass |
| ax80 | 5610 | 6.6 | 6.93 | 2.19 | 2.19 | 8.79 | 9.12 | 11.97 | 22.28 | Pass |
| ax80 | 5690 | 8.2 | 5.83 | 1.86 | 1.86 | 10.06 | 7.69 | 12.05 | 22.28 | Pass |
| ax80 | 5775 | 8.4 | 6.87 | 1.25 | 1.25 | 9.65 | 8.12 | 11.96 | 28.3 | Pass |

**Remark:**

1. $Power^{SUM}= 10*Log(10^{*(PowerANT1/10)} +10^{*(PowerANT2/10)})$
2. Conducted Output Power=Measured Output Power+Duty Factor
3. For MIMO devices refer to KDB Publication 662911 D01.
4. UNII-2C/ UNII-3: Directional Gain=7.70
   So UNII-2C Limit=23.98-1.70=22.28dBm
   So UNII-3 Limit=30-1.70=28.3dBm


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**Duty Cycle:**

| Mode | Frequency (MHz) | Antenna | Duty Cycle (%) | Correction Factor | Antenna | Duty Cycle (%) | Correction Factor |
|---|---|---|---|---|---|---|---|
| a | 5180 | Ant1 | 83 | 0.81 | Ant2 | 83 | 0.81 |
| a | 5200 | Ant1 | 82.56 | 0.83 | Ant2 | 82.56 | 0.83 |
| a | 5240 | Ant1 | 84.46 | 0.73 | Ant2 | 84.46 | 0.73 |
| a | 5260 | Ant1 | 86.71 | 0.62 | Ant2 | 86.71 | 0.62 |
| a | 5300 | Ant1 | 89.31 | 0.49 | Ant2 | 89.31 | 0.49 |
| a | 5320 | Ant1 | 88.08 | 0.55 | Ant2 | 88.08 | 0.55 |
| a | 5500 | Ant1 | 88.46 | 0.53 | Ant2 | 88.46 | 0.53 |
| a | 5580 | Ant1 | 85.16 | 0.7 | Ant2 | 85.16 | 0.7 |
| a | 5700 | Ant1 | 84.91 | 0.71 | Ant2 | 84.91 | 0.71 |
| a | 5720 | Ant1 | 87.2 | 0.59 | Ant2 | 87.2 | 0.59 |
| a | 5745 | Ant1 | 87.8 | 0.56 | Ant2 | 87.8 | 0.56 |
| a | 5785 | Ant1 | 90.02 | 0.46 | Ant2 | 90.02 | 0.46 |
| a | 5825 | Ant1 | 89.1 | 0.5 | Ant2 | 89.1 | 0.5 |
| n20 | 5180 | Ant1 | 82.47 | 0.84 | Ant2 | 82.47 | 0.84 |
| n20 | 5200 | Ant1 | 82.53 | 0.83 | Ant2 | 82.53 | 0.83 |
| n20 | 5240 | Ant1 | 83.35 | 0.79 | Ant2 | 83.35 | 0.79 |
| n20 | 5260 | Ant1 | 86.66 | 0.62 | Ant2 | 86.66 | 0.62 |
| n20 | 5300 | Ant1 | 88.65 | 0.52 | Ant2 | 88.65 | 0.52 |
| n20 | 5320 | Ant1 | 87.29 | 0.59 | Ant2 | 87.29 | 0.59 |
| n20 | 5500 | Ant1 | 88.37 | 0.54 | Ant2 | 88.37 | 0.54 |
| n20 | 5580 | Ant1 | 84.4 | 0.74 | Ant2 | 84.4 | 0.74 |
| n20 | 5700 | Ant1 | 85.47 | 0.68 | Ant2 | 85.47 | 0.68 |
| n20 | 5720 | Ant1 | 87.07 | 0.6 | Ant2 | 87.07 | 0.6 |
| n20 | 5745 | Ant1 | 88.01 | 0.55 | Ant2 | 88.01 | 0.55 |
| n20 | 5785 | Ant1 | 89.43 | 0.49 | Ant2 | 89.43 | 0.49 |
| n20 | 5825 | Ant1 | 88.33 | 0.54 | Ant2 | 88.33 | 0.54 |
| n40 | 5190 | Ant1 | 71.38 | 1.46 | Ant2 | 71.38 | 1.46 |
| n40 | 5230 | Ant1 | 75.62 | 1.21 | Ant2 | 75.62 | 1.21 |
| n40 | 5270 | Ant1 | 79.56 | 0.99 | Ant2 | 79.56 | 0.99 |
| n40 | 5310 | Ant1 | 82.93 | 0.81 | Ant2 | 82.93 | 0.81 |
| n40 | 5510 | Ant1 | 78.94 | 1.03 | Ant2 | 78.94 | 1.03 |
| n40 | 5550 | Ant1 | 76.38 | 1.17 | Ant2 | 76.38 | 1.17 |
| n40 | 5670 | Ant1 | 75.84 | 1.2 | Ant2 | 75.84 | 1.2 |
| n40 | 5710 | Ant1 | 77.54 | 1.1 | Ant2 | 77.54 | 1.1 |
| n40 | 5755 | Ant1 | 80.37 | 0.95 | Ant2 | 80.37 | 0.95 |
| n40 | 5795 | Ant1 | 80.42 | 0.95 | Ant2 | 80.42 | 0.95 |
| ac20 | 5180 | Ant1 | 72.93 | 1.37 | Ant2 | 72.93 | 1.37 |
| ac20 | 5200 | Ant1 | 73.43 | 1.34 | Ant2 | 73.43 | 1.34 |
| ac20 | 5240 | Ant1 | 76.27 | 1.18 | Ant2 | 76.27 | 1.18 |
| ac20 | 5260 | Ant1 | 78.68 | 1.04 | Ant2 | 78.68 | 1.04 |



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ac20 | 5300 | Ant1 | 82.45 | 0.84 | Ant2 | 82.45 | 0.84 |
| ac20 | 5320 | Ant1 | 80.33 | 0.95 | Ant2 | 80.33 | 0.95 |
| ac20 | 5500 | Ant1 | 81.31 | 0.9 | Ant2 | 81.31 | 0.9 |
| ac20 | 5580 | Ant1 | 75.07 | 1.25 | Ant2 | 75.07 | 1.25 |
| ac20 | 5700 | Ant1 | 78.28 | 1.06 | Ant2 | 78.28 | 1.06 |
| ac20 | 5720 | Ant1 | 78.67 | 1.04 | Ant2 | 78.67 | 1.04 |
| ac20 | 5745 | Ant1 | 79.59 | 0.99 | Ant2 | 79.59 | 0.99 |
| ac20 | 5785 | Ant1 | 84.35 | 0.74 | Ant2 | 84.35 | 0.74 |
| ac20 | 5825 | Ant1 | 82.22 | 0.85 | Ant2 | 82.22 | 0.85 |
| ac40 | 5190 | Ant1 | 59.45 | 2.26 | Ant2 | 59.45 | 2.26 |
| ac40 | 5230 | Ant1 | 64.58 | 1.9 | Ant2 | 64.58 | 1.9 |
| ac40 | 5270 | Ant1 | 70.28 | 1.53 | Ant2 | 70.28 | 1.53 |
| ac40 | 5310 | Ant1 | 75.05 | 1.25 | Ant2 | 75.05 | 1.25 |
| ac40 | 5510 | Ant1 | 69.59 | 1.57 | Ant2 | 69.59 | 1.57 |
| ac40 | 5550 | Ant1 | 66.65 | 1.76 | Ant2 | 66.65 | 1.76 |
| ac40 | 5670 | Ant1 | 65.21 | 1.86 | Ant2 | 65.21 | 1.86 |
| ac40 | 5710 | Ant1 | 68.32 | 1.65 | Ant2 | 68.32 | 1.65 |
| ac40 | 5755 | Ant1 | 72.47 | 1.4 | Ant2 | 72.47 | 1.4 |
| ac40 | 5795 | Ant1 | 72.5 | 1.4 | Ant2 | 72.5 | 1.4 |
| ac80 | 5210 | Ant1 | 51.23 | 2.9 | Ant2 | 51.23 | 2.9 |
| ac80 | 5290 | Ant1 | 65.8 | 1.82 | Ant2 | 65.8 | 1.82 |
| ac80 | 5530 | Ant1 | 58.51 | 2.33 | Ant2 | 58.51 | 2.33 |
| ac80 | 5610 | Ant1 | 52.47 | 2.8 | Ant2 | 52.47 | 2.8 |
| ac80 | 5690 | Ant1 | 57.17 | 2.43 | Ant2 | 57.17 | 2.43 |
| ac80 | 5775 | Ant1 | 67.8 | 1.69 | Ant2 | 67.8 | 1.69 |
| ax20 | 5180 | Ant1 | 62.51 | 2.04 | Ant2 | 62.51 | 2.04 |
| ax20 | 5200 | Ant1 | 63.45 | 1.98 | Ant2 | 63.45 | 1.98 |
| ax20 | 5240 | Ant1 | 68.44 | 1.65 | Ant2 | 68.44 | 1.65 |
| ax20 | 5260 | Ant1 | 71.02 | 1.49 | Ant2 | 71.02 | 1.49 |
| ax20 | 5300 | Ant1 | 76.07 | 1.19 | Ant2 | 76.07 | 1.19 |
| ax20 | 5320 | Ant1 | 73.1 | 1.36 | Ant2 | 73.1 | 1.36 |
| ax20 | 5500 | Ant1 | 75.04 | 1.25 | Ant2 | 75.04 | 1.25 |
| ax20 | 5580 | Ant1 | 67.07 | 1.73 | Ant2 | 67.07 | 1.73 |
| ax20 | 5700 | Ant1 | 70.05 | 1.55 | Ant2 | 70.05 | 1.55 |
| ax20 | 5720 | Ant1 | 71.37 | 1.46 | Ant2 | 71.37 | 1.46 |
| ax20 | 5745 | Ant1 | 73.41 | 1.34 | Ant2 | 73.41 | 1.34 |
| ax20 | 5785 | Ant1 | 77.84 | 1.09 | Ant2 | 77.84 | 1.09 |
| ax20 | 5825 | Ant1 | 75.64 | 1.21 | Ant2 | 75.64 | 1.21 |
| ax40 | 5190 | Ant1 | 63.43 | 1.98 | Ant2 | 63.43 | 1.98 |
| ax40 | 5230 | Ant1 | 67.77 | 1.69 | Ant2 | 67.77 | 1.69 |
| ax40 | 5270 | Ant1 | 73.41 | 1.34 | Ant2 | 73.41 | 1.34 |
| ax40 | 5310 | Ant1 | 77.79 | 1.09 | Ant2 | 77.79 | 1.09 |



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ax40 | 5510 | Ant1 | 73.14 | 1.36 | Ant2 | 73.14 | 1.36 |
| ax40 | 5550 | Ant1 | 69.61 | 1.57 | Ant2 | 69.61 | 1.57 |
| ax40 | 5670 | Ant1 | 68.56 | 1.64 | Ant2 | 68.56 | 1.64 |
| ax40 | 5710 | Ant1 | 70.73 | 1.5 | Ant2 | 70.73 | 1.5 |
| ax40 | 5755 | Ant1 | 74.5 | 1.28 | Ant2 | 74.5 | 1.28 |
| ax40 | 5795 | Ant1 | 74.07 | 1.3 | Ant2 | 74.07 | 1.3 |
| ax80 | 5210 | Ant1 | 61.29 | 2.13 | Ant2 | 61.29 | 2.13 |
| ax80 | 5290 | Ant1 | 71.61 | 1.45 | Ant2 | 71.61 | 1.45 |
| ax80 | 5530 | Ant1 | 66.53 | 1.77 | Ant2 | 66.53 | 1.77 |
| ax80 | 5610 | Ant1 | 61.81 | 2.09 | Ant2 | 61.81 | 2.09 |
| ax80 | 5690 | Ant1 | 65.16 | 1.86 | Ant2 | 65.16 | 1.86 |
| ax80 | 5775 | Ant1 | 74.92 | 1.25 | Ant2 | 74.92 | 1.25 |

**Remark:** Duty Factor=10log(1/duty Cycle)


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# 8. Maximum power spectral density

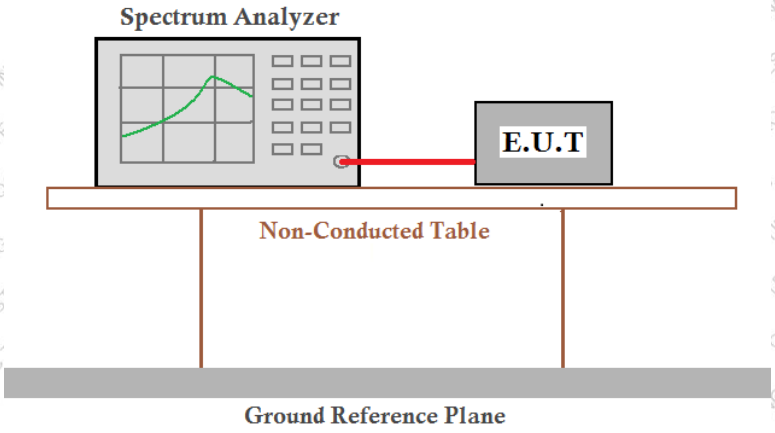
## 8.1. Applicable Standard

FCC Part15 E Section 15.407(a)(3)

## 8.2. Limit

The maximum power spectral density shall not exceed 11dBm for the 5.15-5.25GHz. 5.255.35GHz, 5.47-5.725 GHz Band in any 1 megahertz band.
For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500kHz band.

## 8.3. Test setup




## 8.4. Test Procedure

i. Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, “Compute power…”.
ii. Use the peak search function on the instrument to find the peak of the spectrum.
iii. Make the following adjustments to the peak value of the spectrum, if applicable:
iv. a) If Method SA-2 or SA-2 Alternative was used, add 10 log(1/x), where x is the duty cycle, to the peak of the spectrum.
v. b) If Method SA-3 Alternative was used and the linear mode was used in step E)2)g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging.
vi. The result is the PSD.

## 8.5. Test Data

| | | | |
|---|---|---|---|
| Temperature | 21.9 ℃ | Humidity | 52% |
| ATM Pressure | 101.1kPa | Antenna Gain | see page 5 |
| Test by | LBi Li | Test result | PASS |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**Test Result**

**UNII-1/ UNII-2A/ UNII-2C:**

| Mode | Frequency (MHz) | Measured PSD (dBm/MHz) | | Duty Factor | | Total PSD Power(dBm/MHz) | | | Limit (dBm/ MHz) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Ant1 | Ant2 | Ant1 | Ant2 | Ant1 | Ant2 | Sum | | |
| a | 5180 | 1.54 | 2.33 | 0.81 | 0.81 | 2.35 | 3.14 | --- | 11 | Pass |
| a | 5200 | 2.22 | 2.54 | 0.83 | 0.83 | 3.05 | 3.37 | --- | 11 | Pass |
| a | 5240 | 2.27 | 2.83 | 0.73 | 0.73 | 3 | 3.56 | --- | 11 | Pass |
| a | 5260 | 3.67 | 3.61 | 0.62 | 0.62 | 4.29 | 4.23 | --- | 11 | Pass |
| a | 5300 | 2.23 | 4.3 | 0.49 | 0.49 | 2.72 | 4.79 | --- | 11 | Pass |
| a | 5320 | 3.24 | 3.81 | 0.55 | 0.55 | 3.79 | 4.36 | --- | 11 | Pass |
| a | 5500 | 2.1 | 0.97 | 0.53 | 0.53 | 2.63 | 1.5 | --- | 9.3 | Pass |
| a | 5580 | 1.32 | 1.4 | 0.7 | 0.7 | 2.02 | 2.1 | --- | 9.3 | Pass |
| a | 5700 | 2.24 | 1.93 | 0.71 | 0.71 | 2.95 | 2.64 | --- | 9.3 | Pass |
| a | 5720 | 2.42 | 2.07 | 0.59 | 0.59 | 3.01 | 2.66 | --- | 9.3 | Pass |
| n20 | 5180 | 0.83 | 0.89 | 0.84 | 0.84 | 1.67 | 1.73 | 4.71 | 11 | Pass |
| n20 | 5200 | 1.1 | 1.26 | 0.83 | 0.83 | 1.93 | 2.09 | 5.02 | 11 | Pass |
| n20 | 5240 | 1.34 | 1.68 | 0.79 | 0.79 | 2.13 | 2.47 | 5.31 | 11 | Pass |
| n20 | 5260 | 3.43 | 3.32 | 0.62 | 0.62 | 4.05 | 3.94 | 7.01 | 11 | Pass |
| n20 | 5300 | 2.05 | 3.11 | 0.52 | 0.52 | 2.57 | 3.63 | 6.14 | 11 | Pass |
| n20 | 5320 | 2.57 | 2.82 | 0.59 | 0.59 | 3.16 | 3.41 | 6.3 | 11 | Pass |
| n20 | 5500 | 1.16 | -0.38 | 0.54 | 0.54 | 1.7 | 0.16 | 4.01 | 9.3 | Pass |
| n20 | 5580 | 0.72 | 0.19 | 0.74 | 0.74 | 1.46 | 0.93 | 4.21 | 9.3 | Pass |
| n20 | 5700 | 1.54 | 0.9 | 0.68 | 0.68 | 2.22 | 1.58 | 4.92 | 9.3 | Pass |
| n20 | 5720 | 1.27 | 1.51 | 0.6 | 0.6 | 1.87 | 2.11 | 5 | 9.3 | Pass |
| n40 | 5190 | -1.66 | -1.61 | 1.46 | 1.46 | -0.2 | -0.15 | 2.84 | 11 | Pass |
| n40 | 5230 | -2.06 | -1.44 | 1.21 | 1.21 | -0.85 | -0.23 | 2.48 | 11 | Pass |
| n40 | 5260 | 0.07 | 0.03 | 0.99 | 0.99 | 1.06 | 1.02 | 4.05 | 11 | Pass |
| n40 | 5310 | -0.78 | 0.02 | 0.81 | 0.81 | 0.03 | 0.83 | 3.46 | 11 | Pass |
| n40 | 5510 | -2.05 | -3.16 | 1.03 | 1.03 | -1.02 | -2.13 | 1.47 | 9.3 | Pass |
| n40 | 5550 | -4.18 | -3.33 | 1.17 | 1.17 | -3.01 | -2.16 | 0.45 | 9.3 | Pass |
| n40 | 5670 | -0.91 | -2.85 | 1.2 | 1.2 | 0.29 | -1.65 | 2.44 | 9.3 | Pass |
| n40 | 5710 | -1.91 | -3.05 | 1.1 | 1.1 | -0.81 | -1.95 | 1.67 | 9.3 | Pass |
| ac20 | 5180 | 0.33 | 0.76 | 1.37 | 1.37 | 1.7 | 2.13 | 4.93 | 11 | Pass |
| ac20 | 5200 | 0.21 | 0.91 | 1.34 | 1.34 | 1.55 | 2.25 | 4.92 | 11 | Pass |
| ac20 | 5240 | 0.3 | 1.26 | 1.18 | 1.18 | 1.48 | 2.44 | 5 | 11 | Pass |
| ac20 | 5260 | 1.13 | 1.13 | 1.04 | 1.04 | 2.17 | 2.17 | 5.18 | 11 | Pass |
| ac20 | 5300 | 0.69 | 1.94 | 0.84 | 0.84 | 1.53 | 2.78 | 5.21 | 11 | Pass |
| ac20 | 5320 | 0.99 | 1.35 | 0.95 | 0.95 | 1.94 | 2.3 | 5.13 | 11 | Pass |
| ac20 | 5500 | -0.68 | -1.8 | 0.91 | 0.91 | 0.23 | -0.89 | 2.72 | 9.3 | Pass |
| ac20 | 5580 | -1.14 | -1.72 | 1.25 | 1.25 | 0.11 | -0.47 | 2.84 | 9.3 | Pass |
| ac20 | 5700 | -0.91 | -1.96 | 1.06 | 1.06 | 0.15 | -0.9 | 2.67 | 9.3 | Pass |
| ac20 | 5720 | -1.1 | -1.39 | 1.04 | 1.04 | -0.06 | -0.35 | 2.81 | 9.3 | Pass |
| ac40 | 5190 | -3.81 | -3.9 | 2.26 | 2.26 | -1.55 | -1.64 | 1.42 | 11 | Pass |



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| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ac40 | 5230 | -4.17 | -3.28 | 1.9 | 1.9 | -2.27 | -1.38 | 1.21 | 11 | Pass |
| ac40 | 5260 | -1.55 | -2.83 | 1.56 | 1.56 | 0.01 | -1.27 | 2.43 | 11 | Pass |
| ac40 | 5310 | -1.87 | -1.96 | 1.25 | 1.25 | -0.62 | -0.71 | 2.35 | 11 | Pass |
| ac40 | 5510 | -4 | -5.18 | 1.57 | 1.57 | -2.43 | -3.61 | 0.03 | 9.3 | Pass |
| ac40 | 5550 | -5.49 | -4.92 | 1.76 | 1.76 | -3.73 | -3.16 | -0.43 | 9.3 | Pass |
| ac40 | 5670 | -2.59 | -4.63 | 1.86 | 1.86 | -0.73 | -2.77 | 1.38 | 9.3 | Pass |
| ac40 | 5710 | -2.36 | -4.57 | 1.65 | 1.65 | -0.71 | -2.92 | 1.33 | 9.3 | Pass |
| ac80 | 5210 | -9.38 | -10.08 | 2.9 | 2.9 | -6.48 | -7.18 | -3.81 | 11 | Pass |
| ac80 | 5290 | -7.89 | -7.47 | 1.82 | 1.82 | -6.07 | -5.65 | -2.84 | 11 | Pass |
| ac80 | 5530 | -9.72 | -9.75 | 2.37 | 2.37 | -7.35 | -7.38 | -4.35 | 9.3 | Pass |
| ac80 | 5610 | -9.37 | -9.24 | 2.8 | 2.8 | -6.57 | -6.44 | -3.49 | 9.3 | Pass |
| ac80 | 5690 | -7.18 | -9.81 | 2.43 | 2.43 | -4.75 | -7.38 | -2.86 | 9.3 | Pass |
| ax20 | 5180 | -3.56 | -3.34 | 2.04 | 2.04 | -1.52 | -1.3 | 1.6 | 11 | Pass |
| ax20 | 5200 | -2.39 | -3.25 | 1.98 | 1.98 | -0.41 | -1.27 | 2.19 | 11 | Pass |
| ax20 | 5240 | -1.8 | -2.33 | 1.74 | 1.74 | -0.06 | -0.59 | 2.69 | 11 | Pass |
| ax20 | 5260 | -2.09 | -2.35 | 1.49 | 1.49 | -0.6 | -0.86 | 2.28 | 11 | Pass |
| ax20 | 5300 | -1.57 | -0.72 | 1.19 | 1.19 | -0.38 | 0.47 | 3.08 | 11 | Pass |
| ax20 | 5320 | -0.95 | -1.13 | 1.36 | 1.36 | 0.41 | 0.23 | 3.33 | 11 | Pass |
| ax20 | 5500 | -3.11 | -4.5 | 1.25 | 1.25 | -1.86 | -3.25 | 0.51 | 9.3 | Pass |
| ax20 | 5580 | -3.58 | -4.14 | 1.73 | 1.73 | -1.85 | -2.41 | 0.89 | 9.3 | Pass |
| ax20 | 5700 | -2.59 | -3.43 | 1.55 | 1.55 | -1.04 | -1.88 | 1.57 | 9.3 | Pass |
| ax20 | 5720 | -2.63 | -3.01 | 1.46 | 1.46 | -1.17 | -1.55 | 1.65 | 9.3 | Pass |
| ax40 | 5190 | -4.83 | -5.34 | 1.98 | 1.98 | -2.85 | -3.36 | -0.09 | 11 | Pass |
| ax40 | 5230 | -4.5 | -4.74 | 1.69 | 1.69 | -2.81 | -3.05 | 0.08 | 11 | Pass |
| ax40 | 5260 | -3.51 | -4.84 | 1.34 | 1.34 | -2.17 | -3.5 | 0.23 | 11 | Pass |
| ax40 | 5310 | -3.95 | -4.03 | 1.09 | 1.09 | -2.86 | -2.94 | 0.11 | 11 | Pass |
| ax40 | 5510 | -4.81 | -6.35 | 1.36 | 1.36 | -3.45 | -4.99 | -1.14 | 9.3 | Pass |
| ax40 | 5550 | -6.64 | -5.85 | 1.57 | 1.57 | -5.07 | -4.28 | -1.65 | 9.3 | Pass |
| ax40 | 5670 | -3.42 | -5.51 | 1.66 | 1.66 | -1.76 | -3.85 | 0.33 | 9.3 | Pass |
| ax40 | 5710 | -4.29 | -5.59 | 1.5 | 1.5 | -2.79 | -4.09 | -0.38 | 9.3 | Pass |
| ax80 | 5210 | -7.68 | -8.85 | 2.13 | 2.13 | -5.55 | -6.72 | -3.09 | 11 | Pass |
| ax80 | 5290 | -7.51 | -7.48 | 1.45 | 1.45 | -6.06 | -6.03 | -3.03 | 11 | Pass |
| ax80 | 5530 | -9.89 | -8.96 | 1.77 | 1.77 | -8.12 | -7.19 | -4.62 | 9.3 | Pass |
| ax80 | 5610 | -8.3 | -8.74 | 2.19 | 2.19 | -6.11 | -6.55 | -3.31 | 9.3 | Pass |
| ax80 | 5690 | -7.48 | -8.43 | 1.86 | 1.86 | -5.62 | -6.57 | -3.06 | 9.3 | Pass |



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**UNII-3:**

| Mode | Frequency (MHz) | Maximum PSD (30dBm/500kHz) | | Duty Factor | | Maximum PSD (30dBm/500kHz) | | | Limit (dBm/ 500kHz) | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Ant1 | Ant2 | Ant1 | Ant2 | Ant1 | Ant2 | Sum | | |
| a | 5745 | 1.5 | 0.11 | 0.56 | 0.56 | 2.06 | 0.67 | --- | 28.3 | Pass |
| a | 5785 | 1.77 | 1.41 | 0.46 | 0.46 | 2.23 | 1.87 | --- | 28.3 | Pass |
| a | 5825 | 0.87 | 1.17 | 0.5 | 0.5 | 1.37 | 1.67 | --- | 28.3 | Pass |
| n20 | 5745 | -1.32 | -2.86 | 0.55 | 0.55 | -0.77 | -2.31 | 1.54 | 28.3 | Pass |
| n20 | 5785 | -1.3 | -2.12 | 0.49 | 0.49 | -0.81 | -1.63 | 1.81 | 28.3 | Pass |
| n20 | 5825 | -2.58 | -2.02 | 0.54 | 0.54 | -2.04 | -1.48 | 1.26 | 28.3 | Pass |
| n40 | 5755 | -4.17 | -5.69 | 0.95 | 0.95 | -3.22 | -4.74 | -0.9 | 28.3 | Pass |
| n40 | 5795 | -4.46 | -5.33 | 0.93 | 0.93 | -3.53 | -4.4 | -0.93 | 28.3 | Pass |
| ac20 | 5745 | -3.1 | -4.24 | 0.99 | 0.99 | -2.11 | -3.25 | 0.37 | 28.3 | Pass |
| ac20 | 5785 | -2.78 | -3.58 | 0.74 | 0.74 | -2.04 | -2.84 | 0.59 | 28.3 | Pass |
| ac20 | 5825 | -3.79 | -4.1 | 0.85 | 0.85 | -2.94 | -3.25 | -0.08 | 28.3 | Pass |
| ac40 | 5755 | -6.43 | -7.69 | 1.4 | 1.4 | -5.03 | -6.29 | -2.6 | 28.3 | Pass |
| ac40 | 5795 | -6.68 | -7.46 | 1.4 | 1.4 | -5.28 | -6.06 | -2.64 | 28.3 | Pass |
| ac80 | 5775 | -9.55 | -11.53 | 1.69 | 1.69 | -7.86 | -9.84 | -5.73 | 28.3 | Pass |
| ax20 | 5745 | -3.26 | -5.13 | 1.34 | 1.34 | -1.92 | -3.79 | 0.26 | 28.3 | Pass |
| ax20 | 5785 | -3.07 | -3.82 | 1.09 | 1.09 | -1.98 | -2.73 | 0.67 | 28.3 | Pass |
| ax20 | 5825 | -3.81 | -4.46 | 1.21 | 1.21 | -2.6 | -3.25 | 0.1 | 28.3 | Pass |
| ax40 | 5755 | -5.99 | -7.78 | 1.28 | 1.28 | -4.71 | -6.5 | -2.5 | 28.3 | Pass |
| ax40 | 5795 | -6.58 | -7.51 | 1.3 | 1.3 | -5.28 | -6.21 | -2.71 | 28.3 | Pass |
| ax80 | 5775 | -9.81 | -10.82 | 1.25 | 1.25 | -8.56 | -9.57 | -6.03 | 28.3 | Pass |

**Remark:**

1. $PSD^{SUM}= 10*Log(10^{*(PSDANT1/10)} +10^{*(PSDANT2/10)})$
2. Maximum PSD=Measured PSD+Duty Factor
3. Line loss and duty factor have been added to the map
4. For MIMO devices refer to KDB Publication 662911 D01.
5. UNII-2C/ UNII-3: Directional gain=7.70dBi,
   So UNII-2C Limit=11-1.70=9.3dBm
   So UNII-3 Limit=30-1.70=28.3dBm


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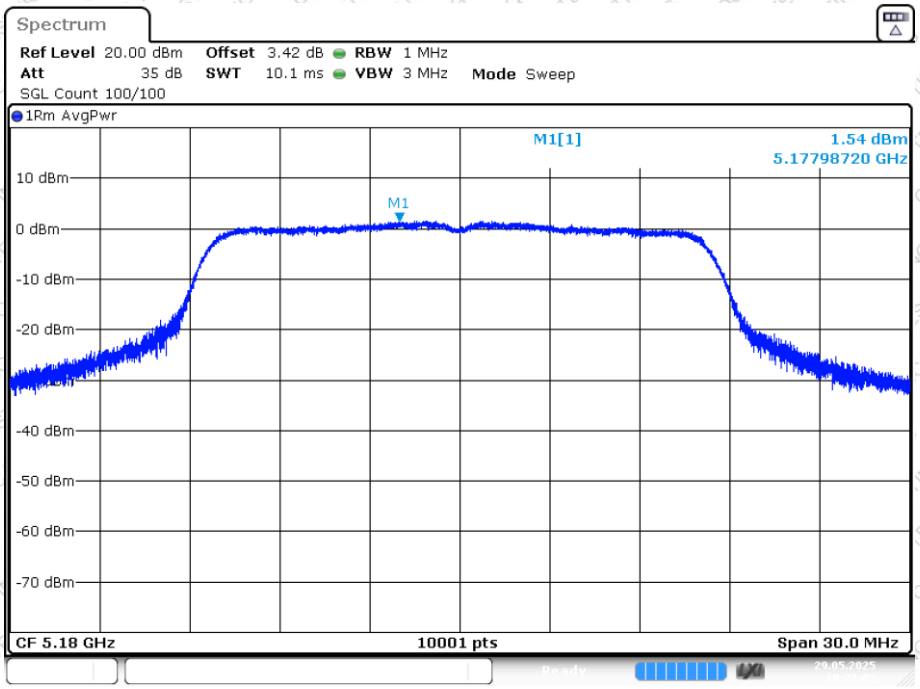
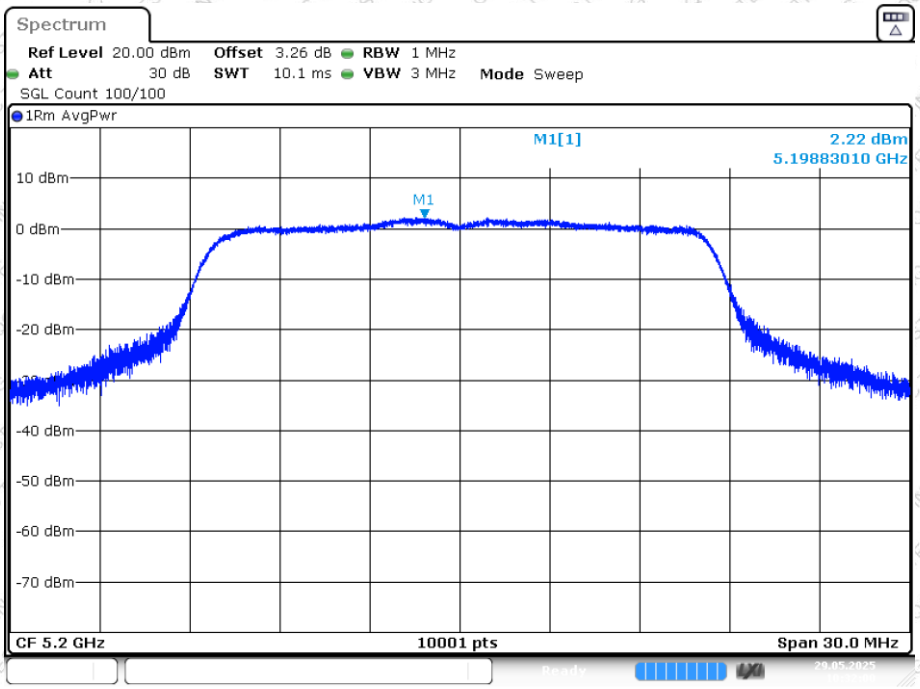
PSD NVNT a 5180MHz Ant1




Date: 29.MAY.2025 10:27:02

PSD NVNT a 5200MHz Ant1




Date: 29.MAY.2025 10:32:01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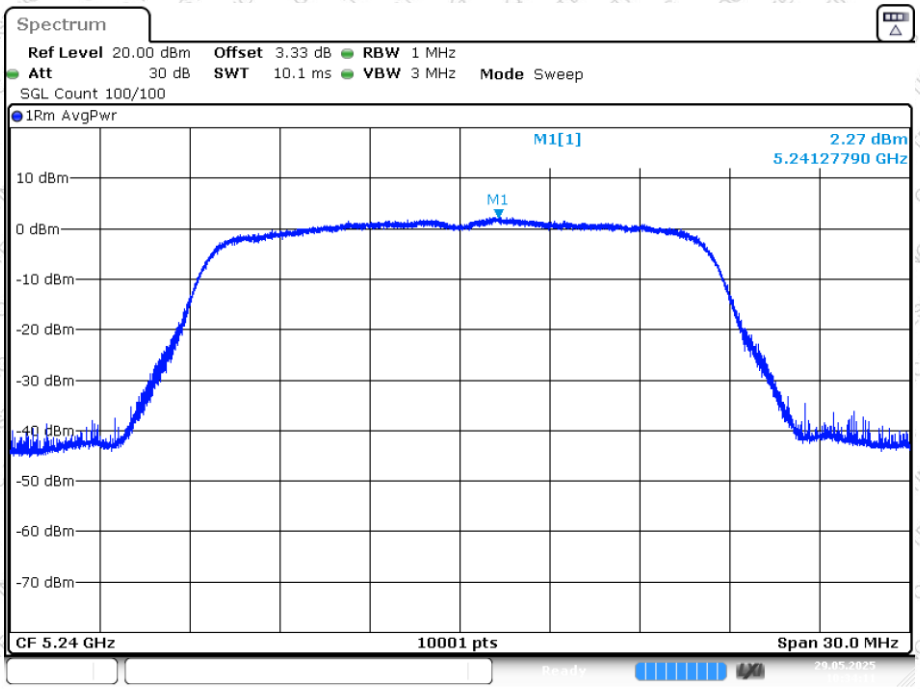
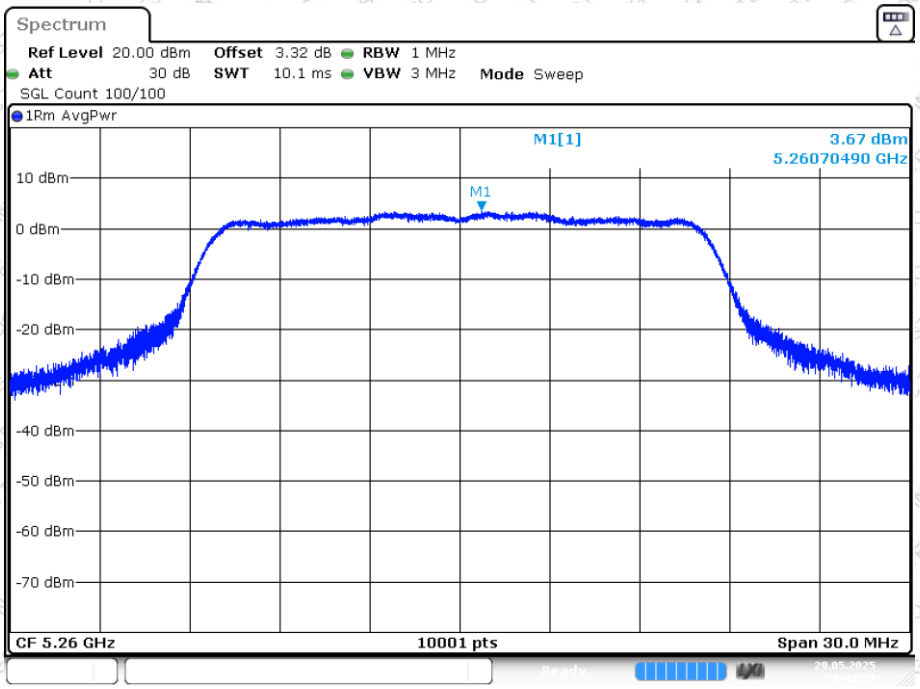
PSD NVNT a 5240MHz Ant1




Date: 29.MAY.2025 10:34:11

PSD NVNT a 5260MHz Ant1




Date: 29.MAY.2025 10:42:52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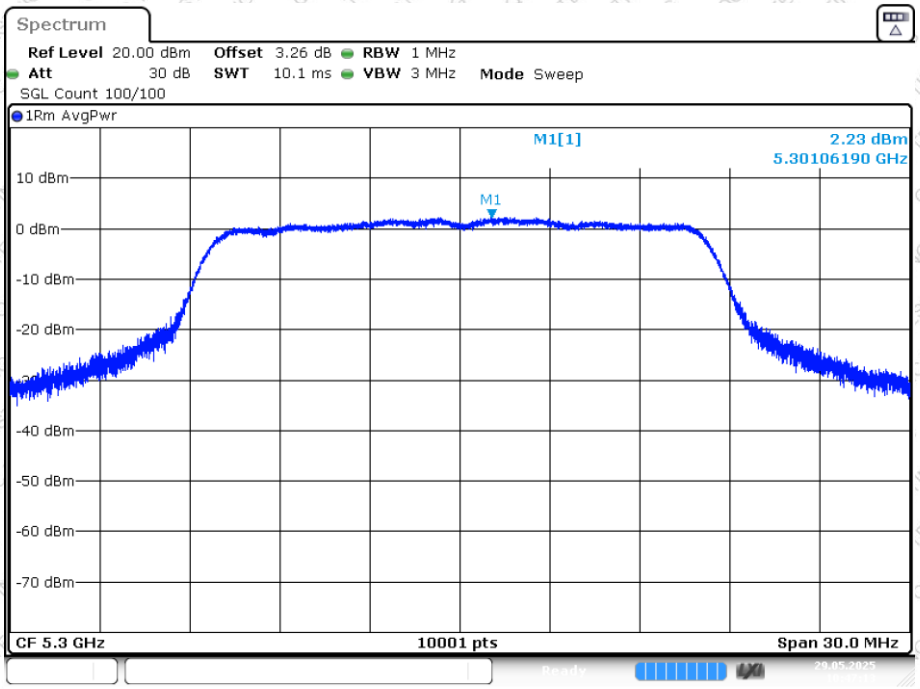
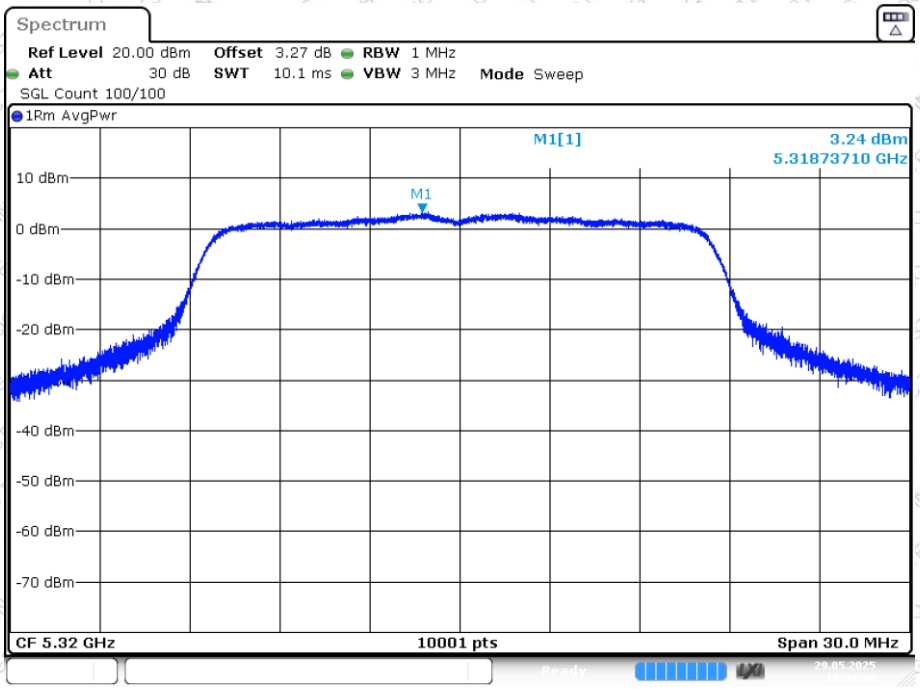
PSD NVNT a 5300MHz Ant1




Date: 29.MAY.2025 10:47:13

PSD NVNT a 5320MHz Ant1




Date: 29.MAY.2025 10:44:46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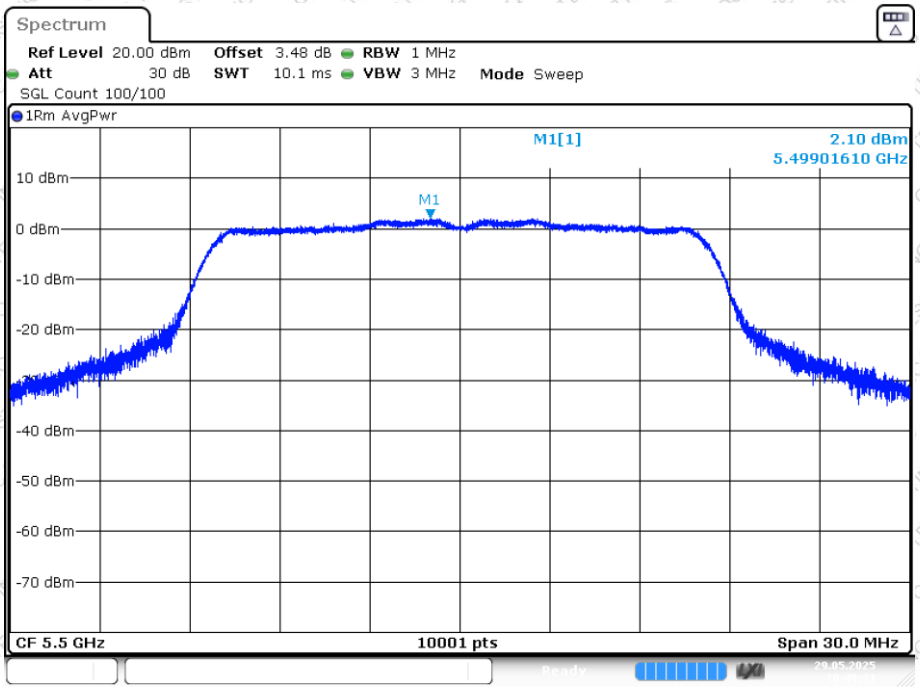
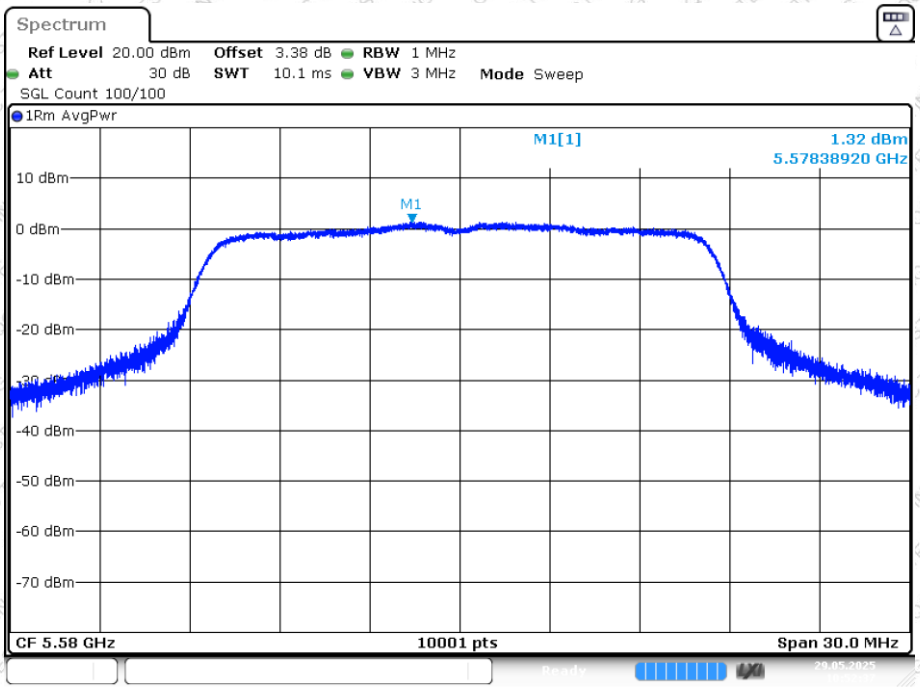
PSD NVNT a 5500MHz Ant1




Date: 29.MAY.2025 10:49:32

PSD NVNT a 5580MHz Ant1




Date: 29.MAY.2025 10:52:38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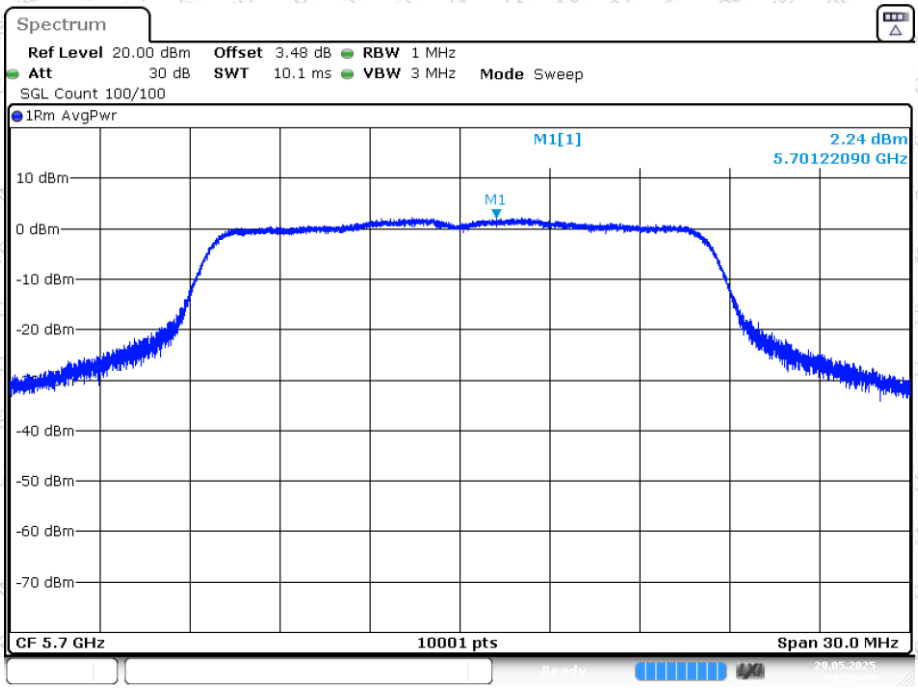
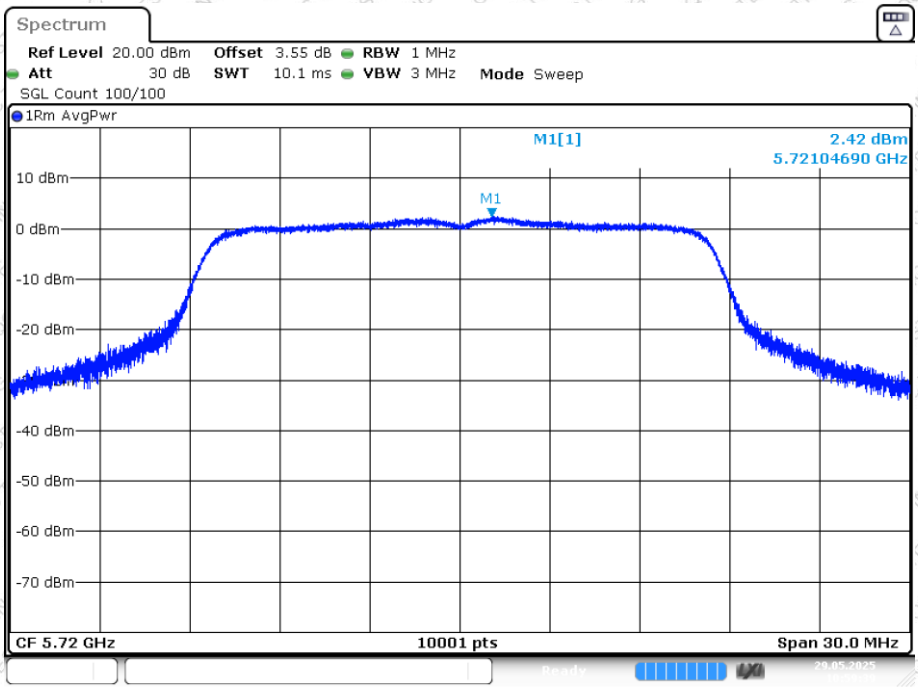
PSD NVNT a 5700MHz Ant1




Date: 29.MAY.2025 10:55:44

PSD NVNT a 5720MHz Ant1




Date: 29.MAY.2025 10:59:39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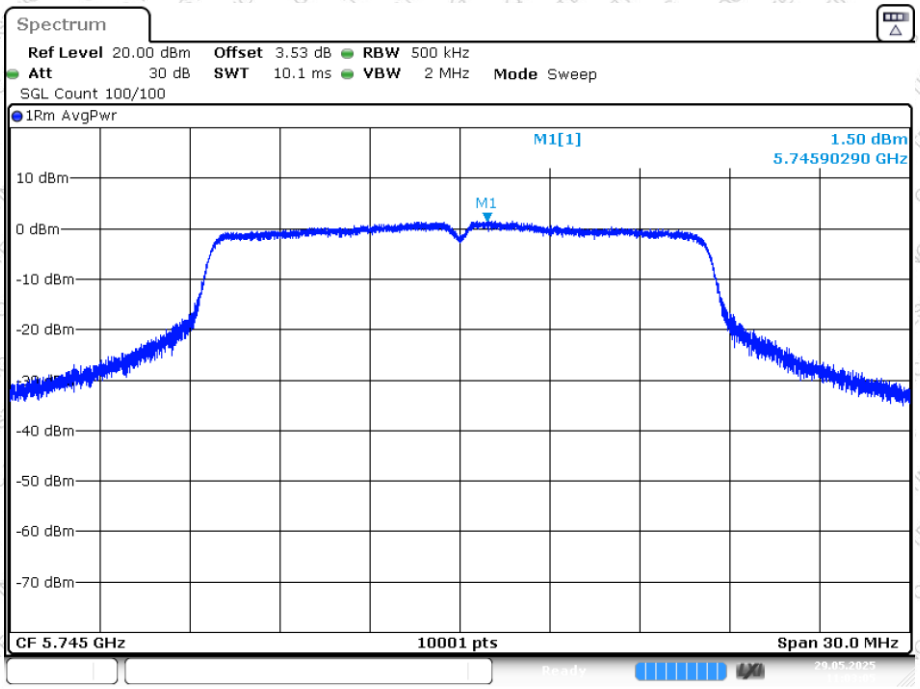
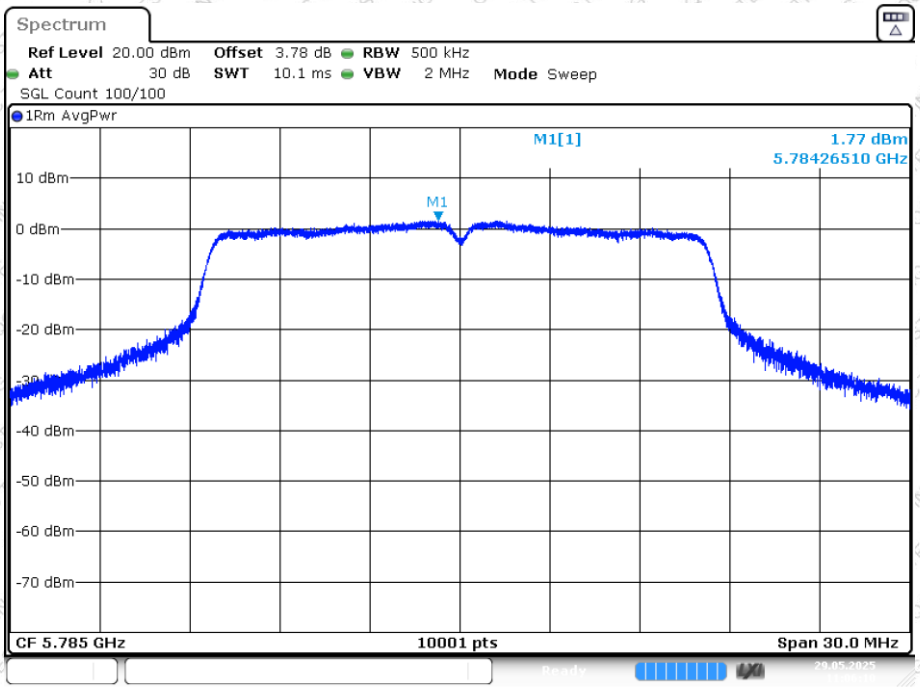
PSD NVNT a 5745MHz Ant1




Date: 29.MAY.2025 11:03:05

PSD NVNT a 5785MHz Ant1




Date: 29.MAY.2025 11:06:10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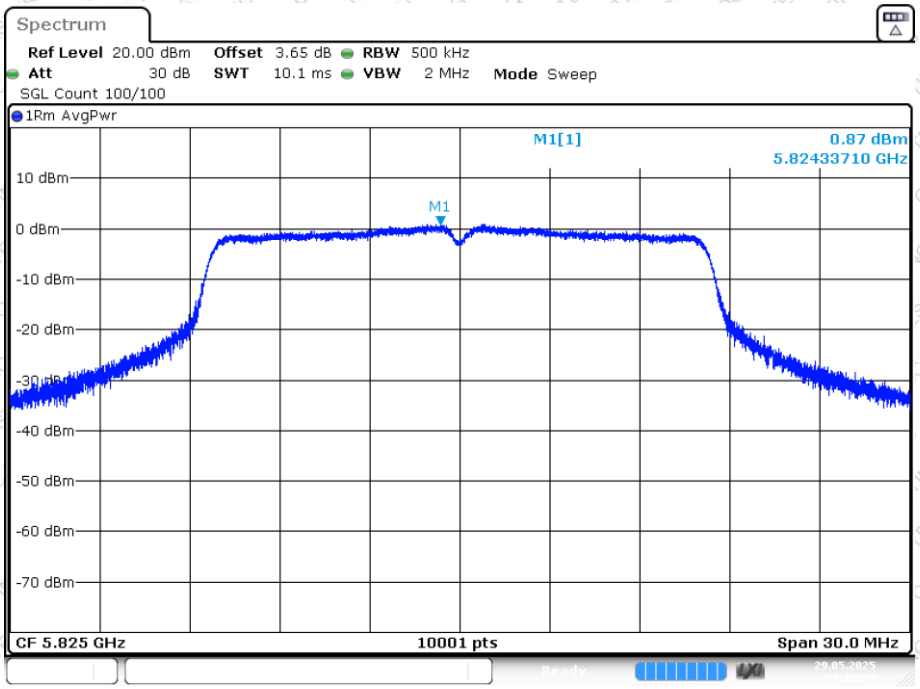
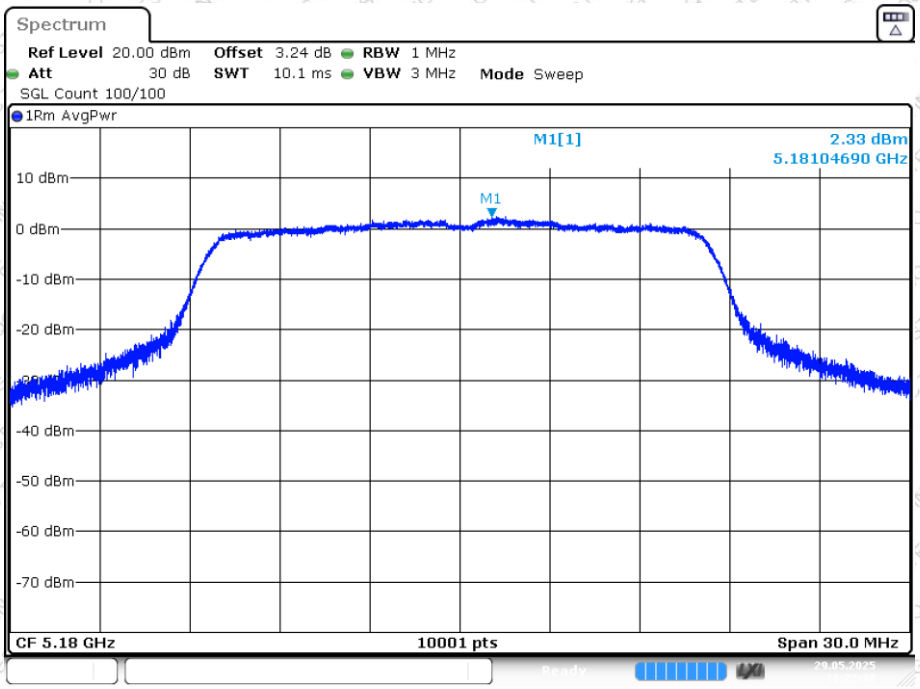
PSD NVNT a 5825MHz Ant1




Date: 29.MAY.2025 11:19:24

PSD NVNT a 5180MHz Ant2




Date: 29.MAY.2025 11:22:39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