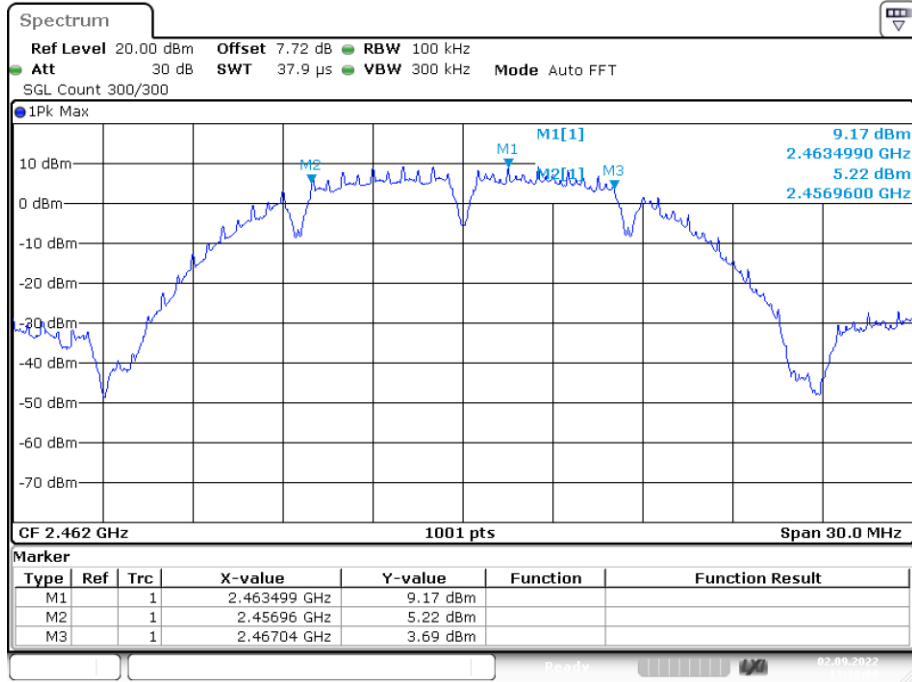
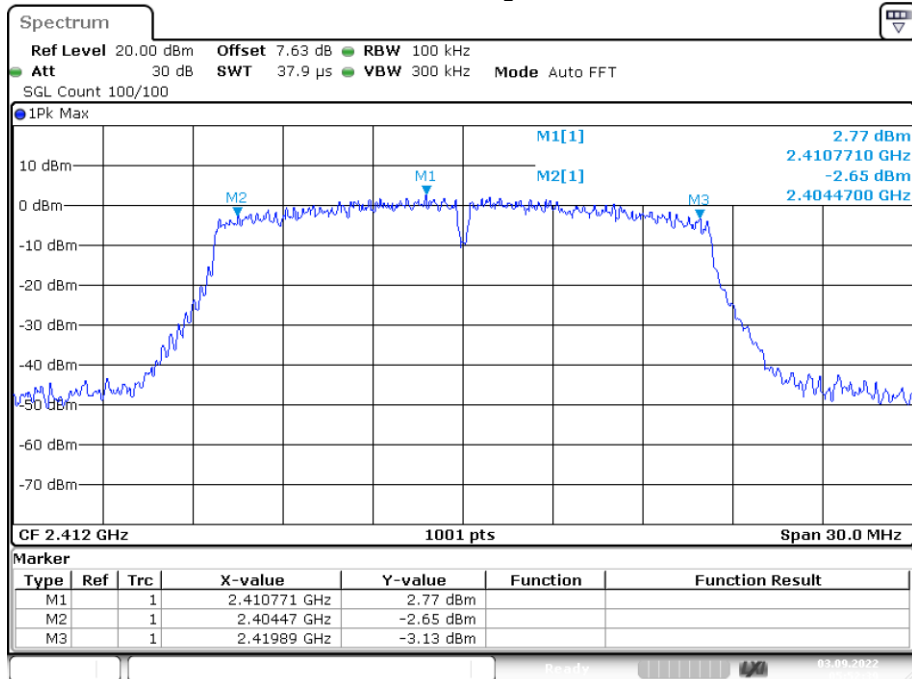


-6dB Bandwidth NVNT b 2462MHz Ant1



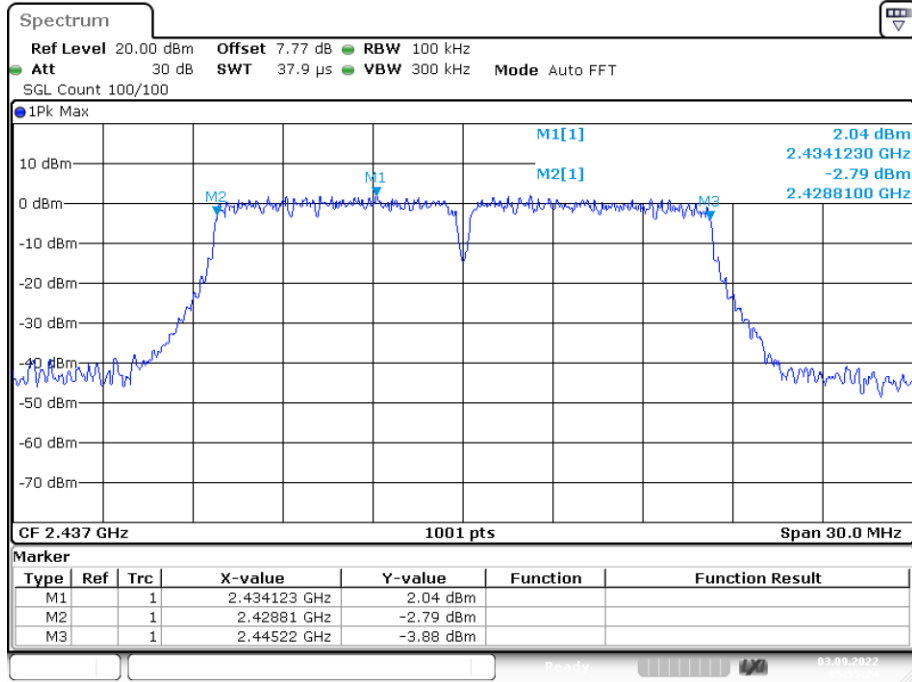
Date: 2.SEP.2022 13:18:07

-6dB Bandwidth NVNT g 2412MHz Ant1



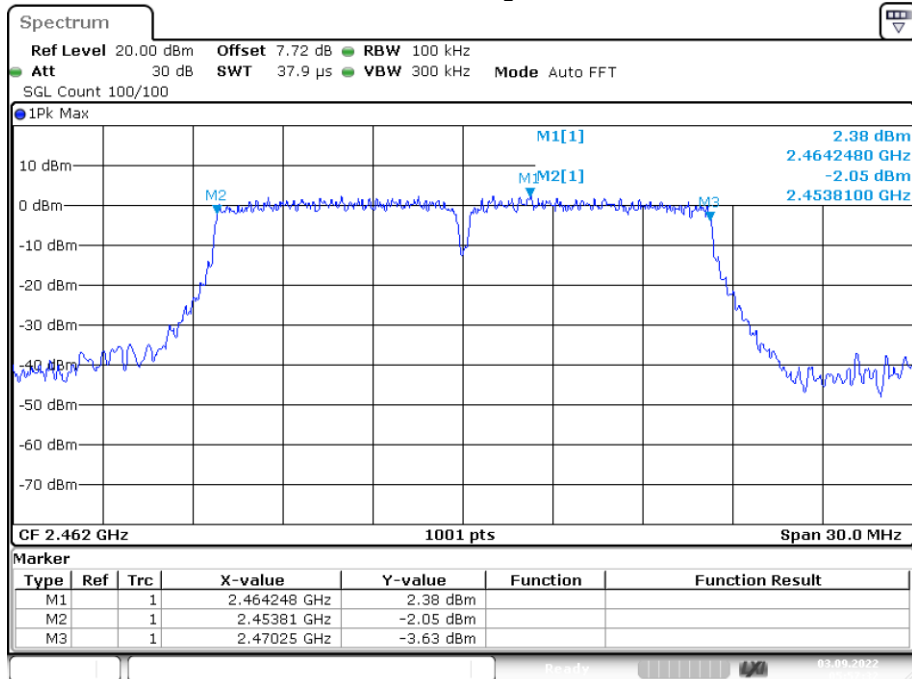
Date: 3.SEP.2022 05:52:38

-6dB Bandwidth NVNT g 2437MHz Ant1



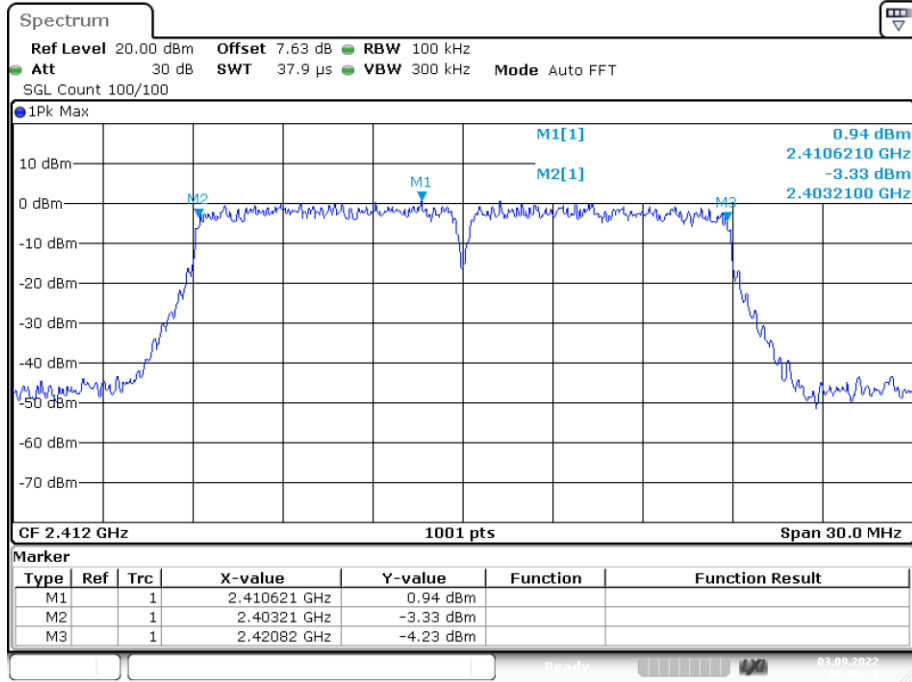
Date: 3.SEP.2022 05:55:24

-6dB Bandwidth NVNT g 2462MHz Ant1



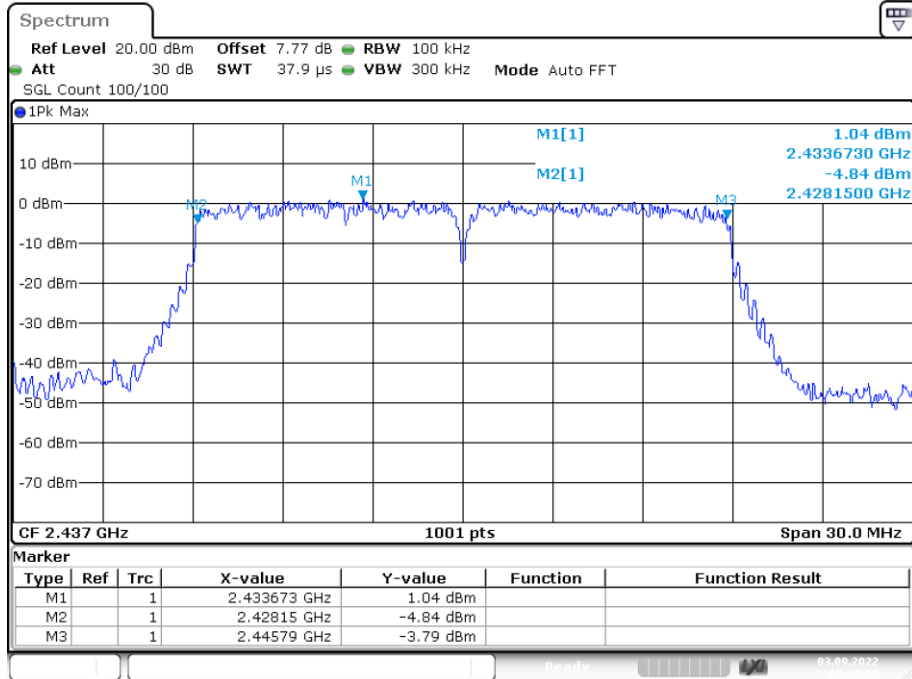
Date: 3.SEP.2022 05:57:31

-6dB Bandwidth NVNT n20 2412MHz Ant1



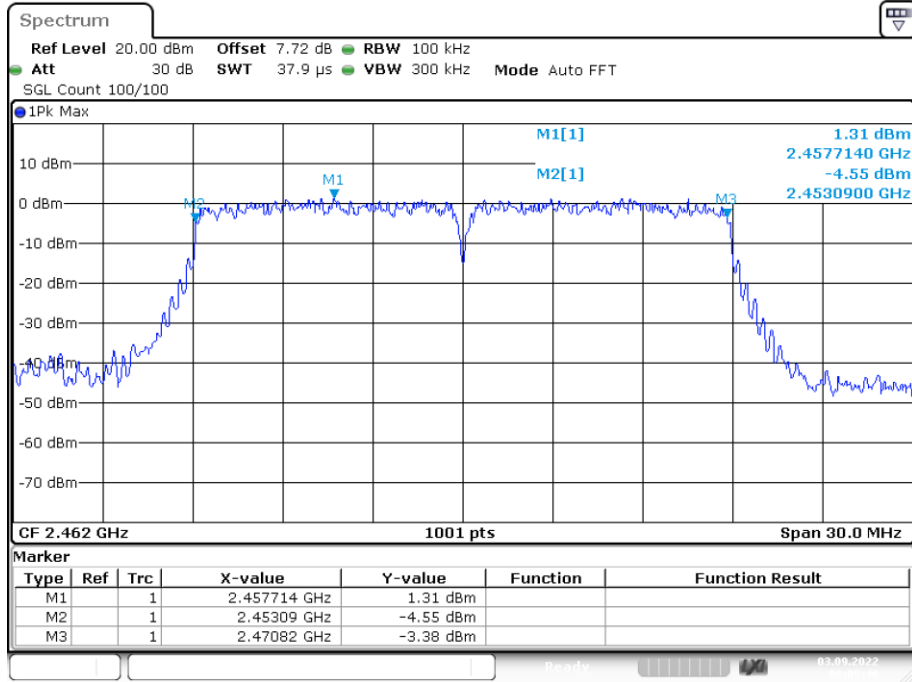
Date: 3.SEP.2022 06:00:28

-6dB Bandwidth NVNT n20 2437MHz Ant1



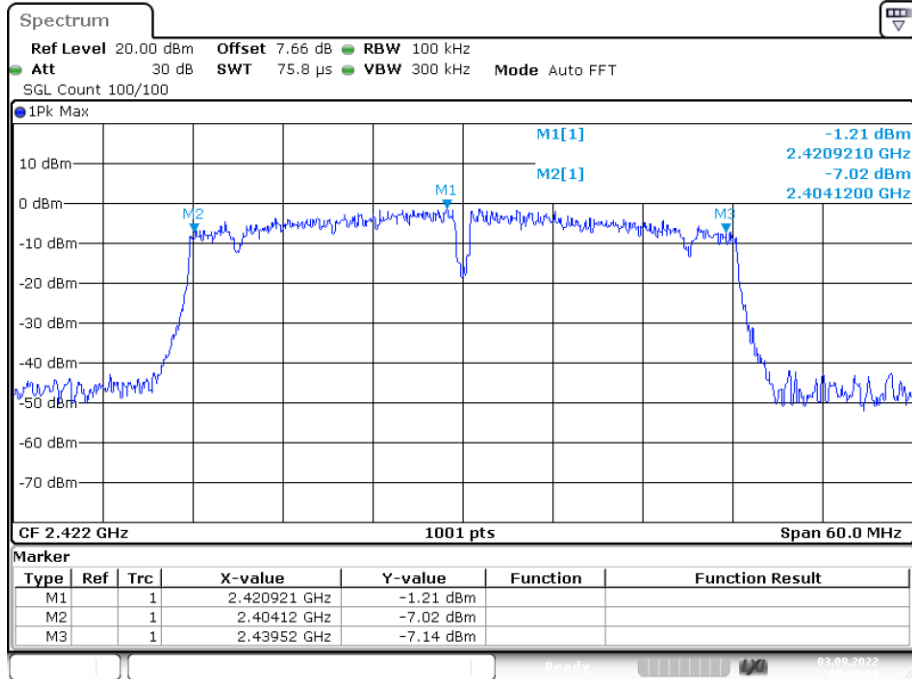
Date: 3.SEP.2022 06:02:54

-6dB Bandwidth NVNT n20 2462MHz Ant1



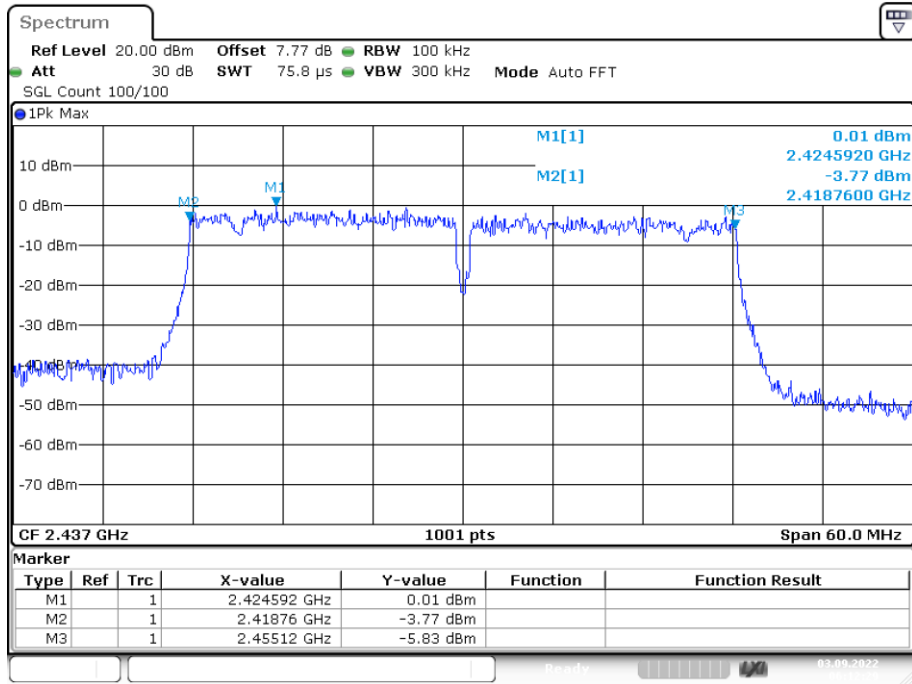
Date: 3.SEP.2022 06:05:39

-6dB Bandwidth NVNT n40 2422MHz Ant1



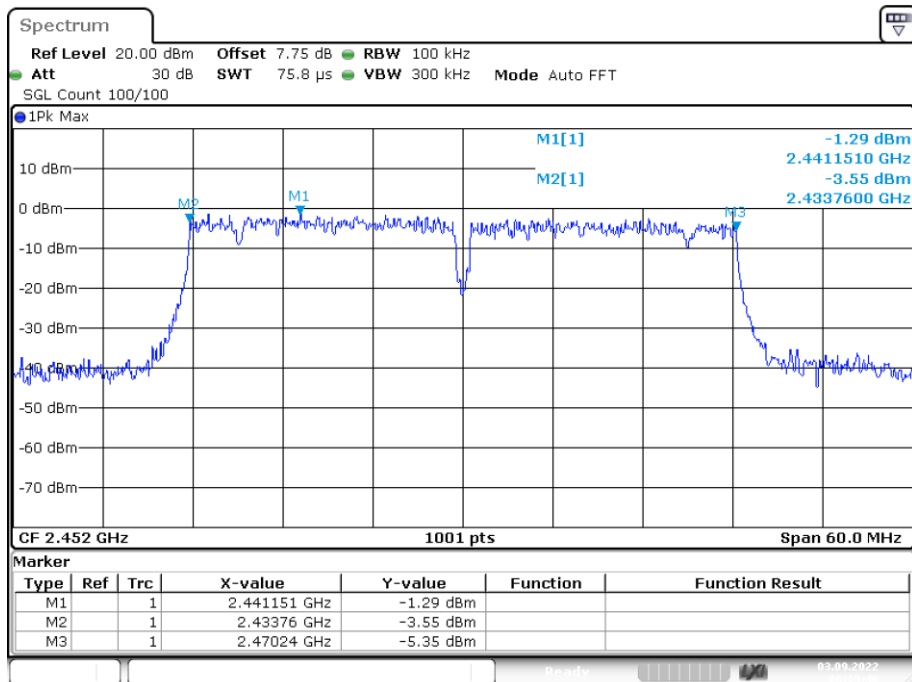
Date: 3.SEP.2022 06:09:01

-6dB Bandwidth NVNT n40 2437MHz Ant1



Date: 3.SEP.2022 06:12:28

-6dB Bandwidth NVNT n40 2452MHz Ant1

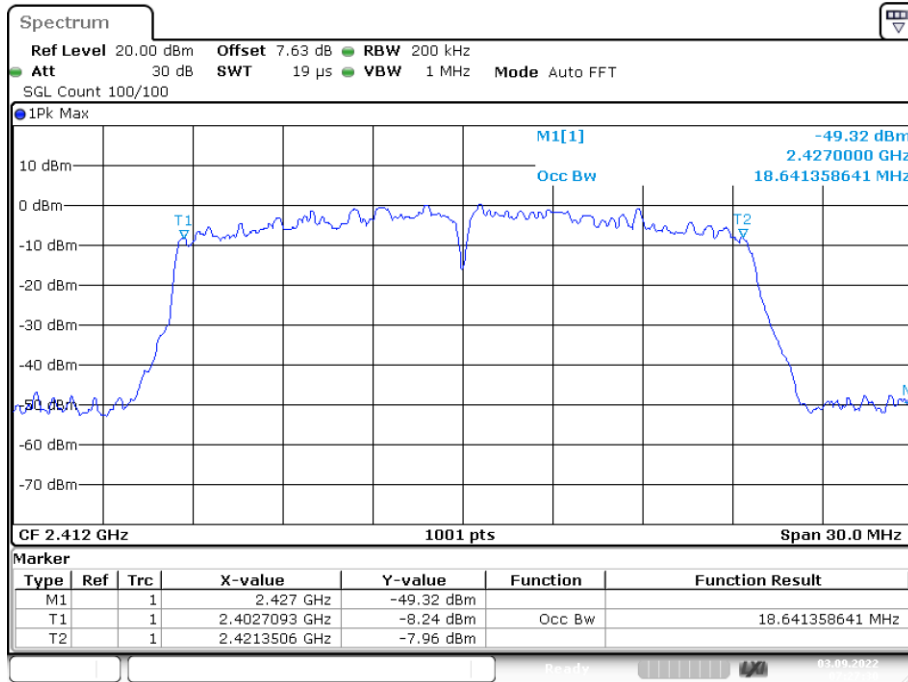


Date: 3.SEP.2022 06:15:46

**Occupied Channel Bandwidth**

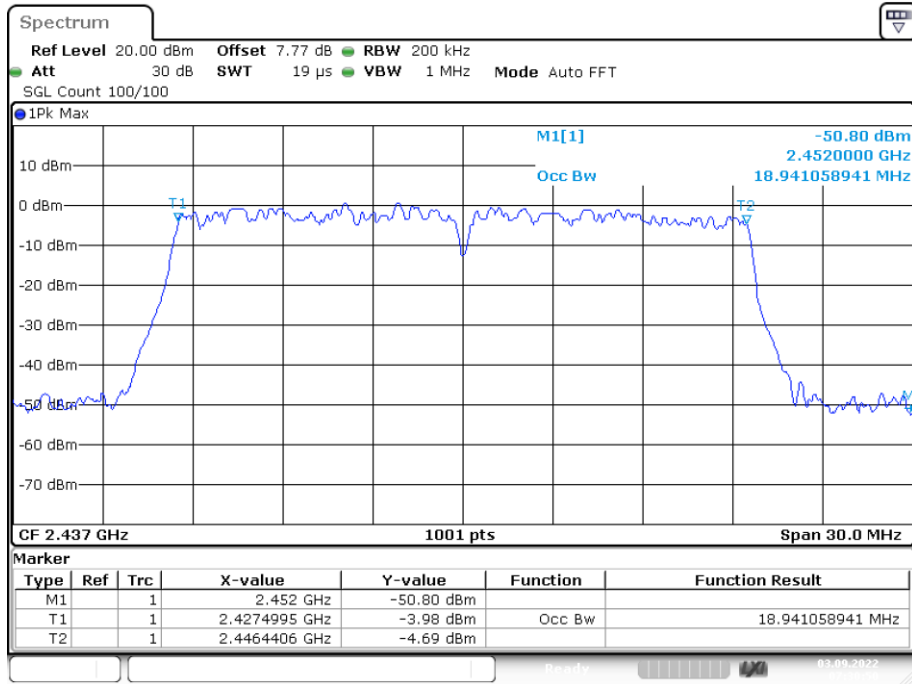
Condition	Mode	Frequency (MHz)	Antenna	99% OBW (MHz)
NVNT	ax20	2412	Ant1	18.641
NVNT	ax20	2437	Ant1	18.941
NVNT	ax20	2462	Ant1	18.881
NVNT	ax40	2422	Ant1	37.103
NVNT	ax40	2437	Ant1	37.642
NVNT	ax40	2452	Ant1	37.882
NVNT	b	2412	Ant1	13.906
NVNT	b	2437	Ant1	14.955
NVNT	b	2462	Ant1	14.955
NVNT	g	2412	Ant1	16.184
NVNT	g	2437	Ant1	16.394
NVNT	g	2462	Ant1	16.334
NVNT	n20	2412	Ant1	17.562
NVNT	n20	2437	Ant1	17.562
NVNT	n20	2462	Ant1	17.622
NVNT	n40	2422	Ant1	35.604
NVNT	n40	2437	Ant1	36.204
NVNT	n40	2452	Ant1	36.264

OBW NVNT ax20 2412MHz Ant1



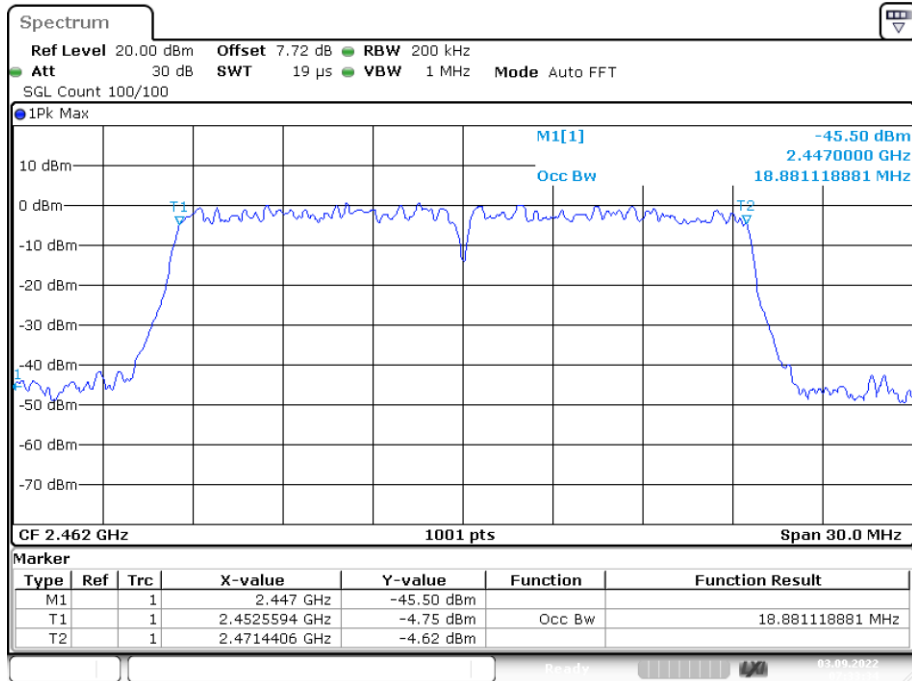
Date: 3.SEP.2022 07:27:30

OBW NVNT ax20 2437MHz Ant1



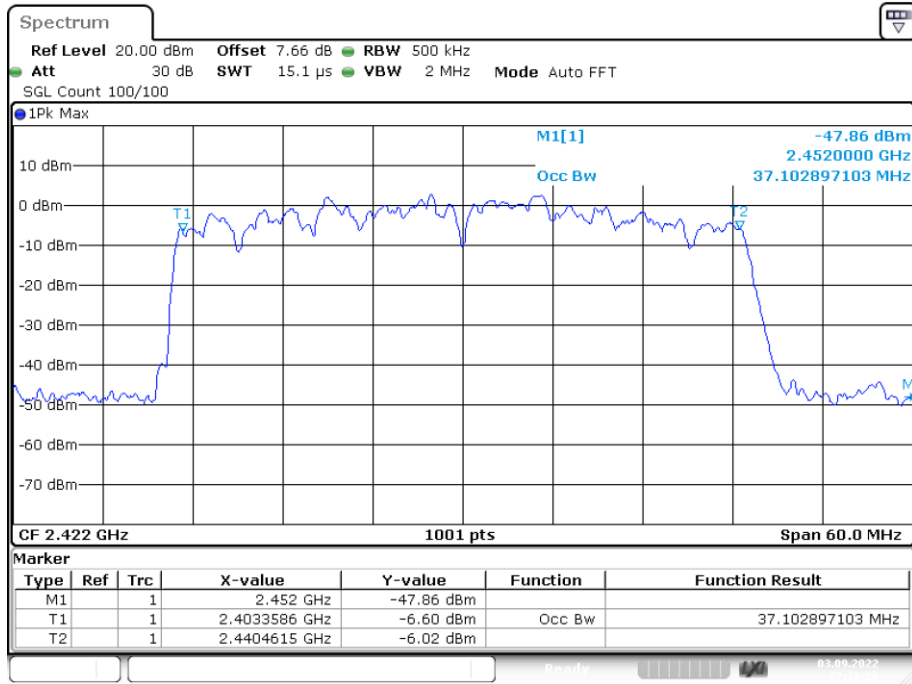
Date: 3.SEP.2022 07:30:50

OBW NVNT ax20 2462MHz Ant1



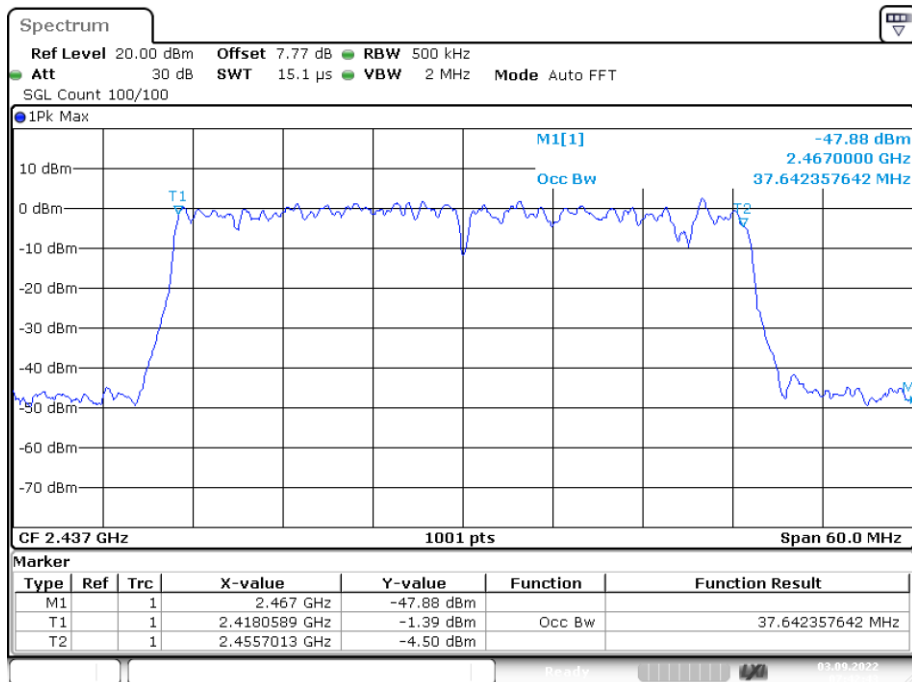
Date: 3.SEP.2022 07:33:33

OBW NVNT ax40 2422MHz Ant1



Date: 3.SEP.2022 07:38:28

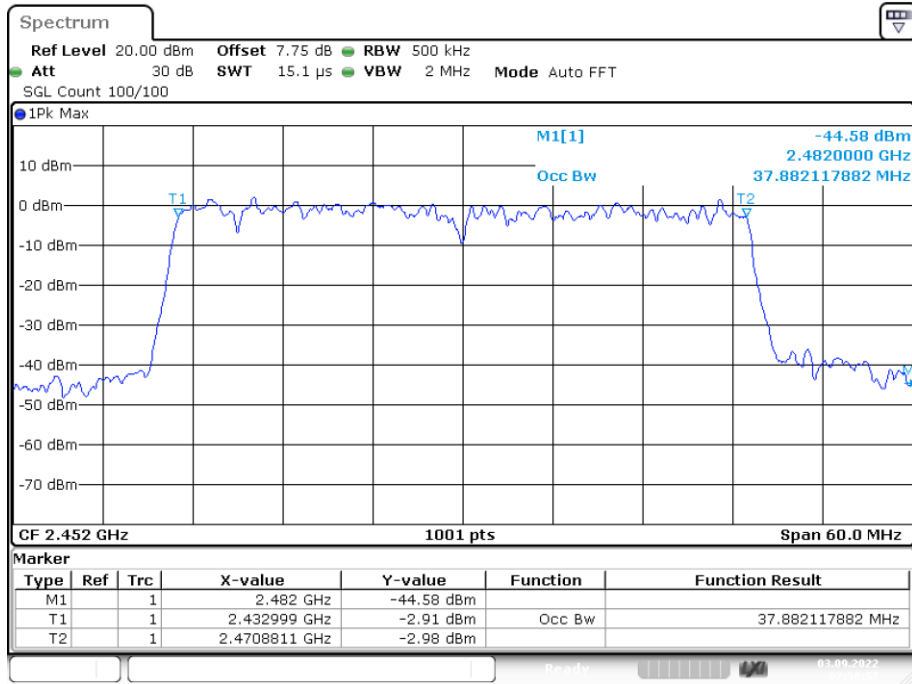
OBW NVNT ax40 2437MHz Ant1



Date: 3.SEP.2022 07:42:43

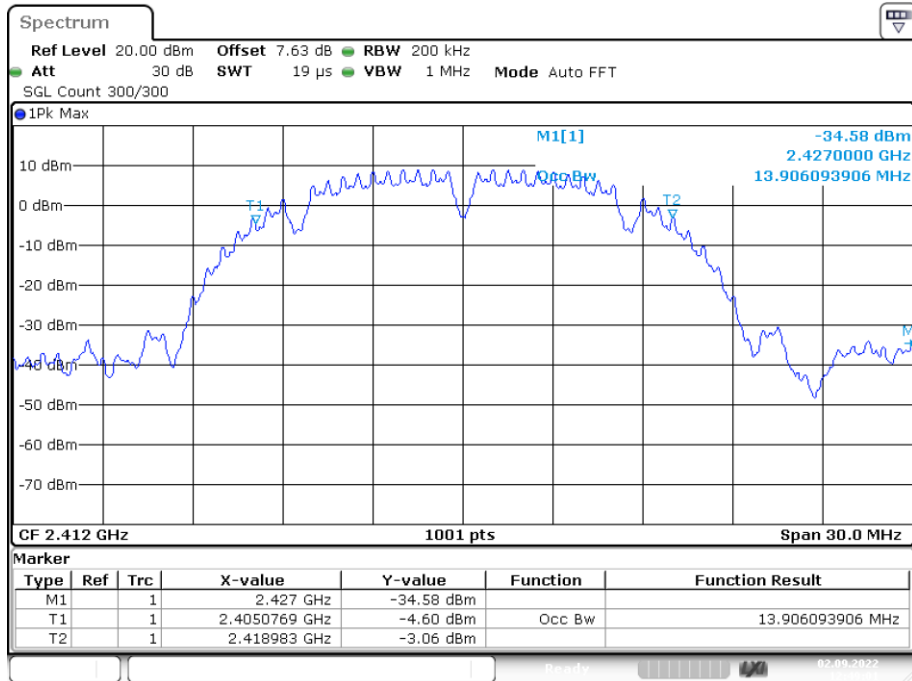


OBW NVNT ax40 2452MHz Ant1



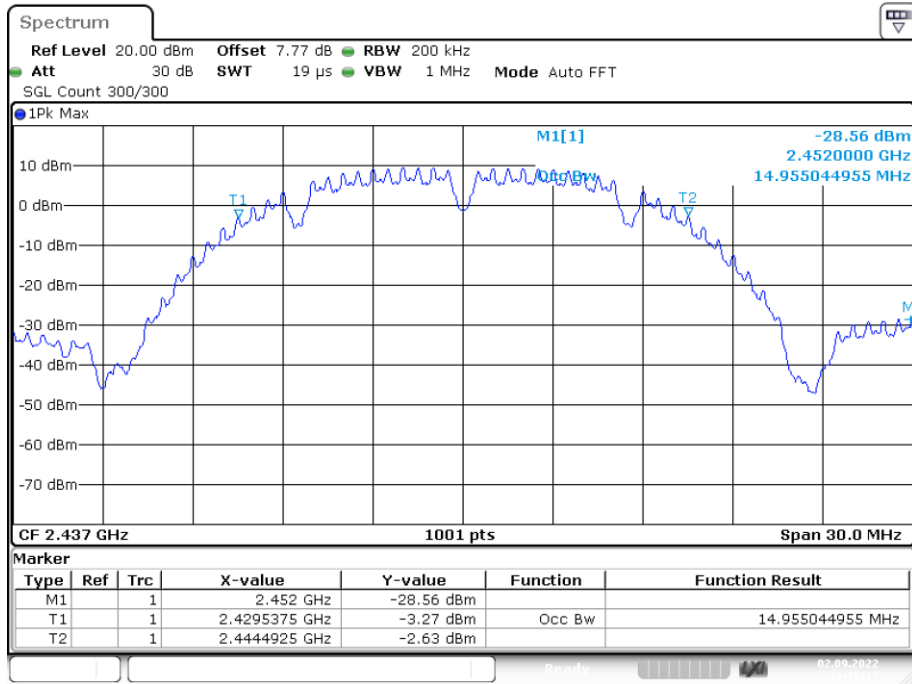
Date: 3.SEP.2022 07:50:57

OBW NVNT b 2412MHz Ant1



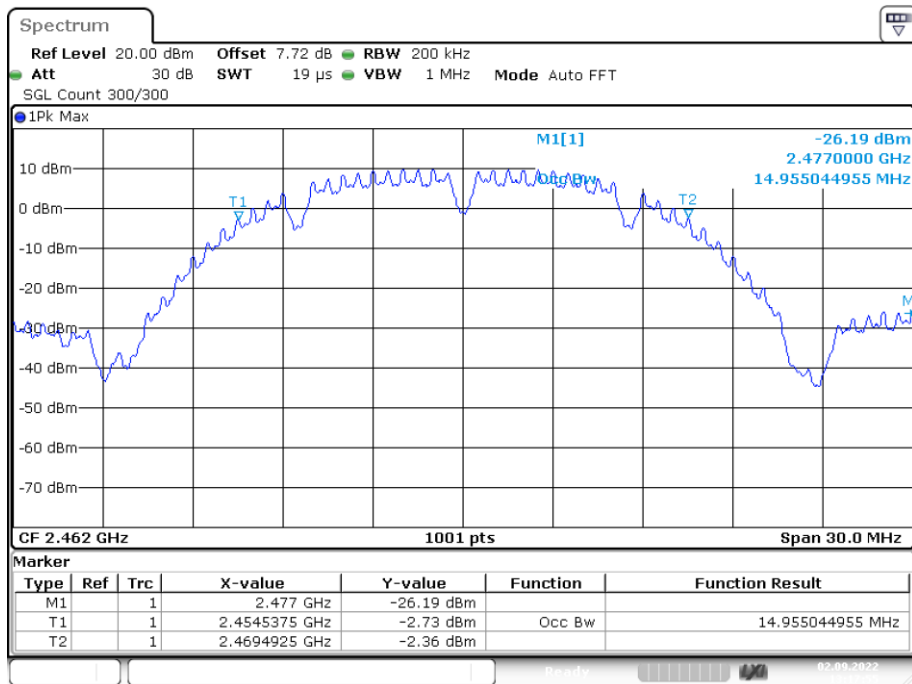
Date: 2.SEP.2022 12:49:01

OBW NVNT b 2437MHz Ant1



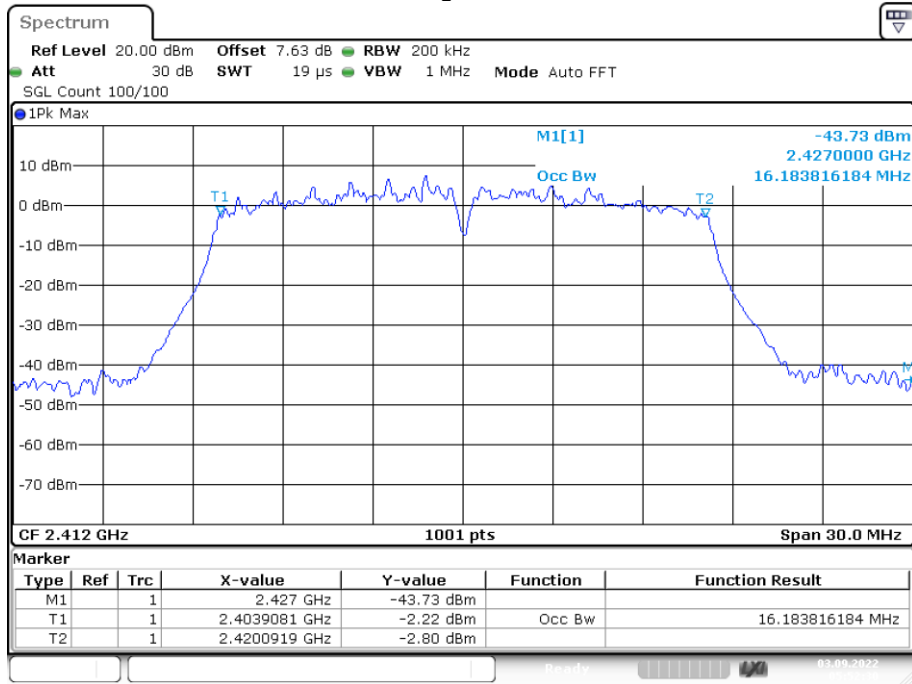
Date: 2.SEP.2022 13:15:17

OBW NVNT b 2462MHz Ant1



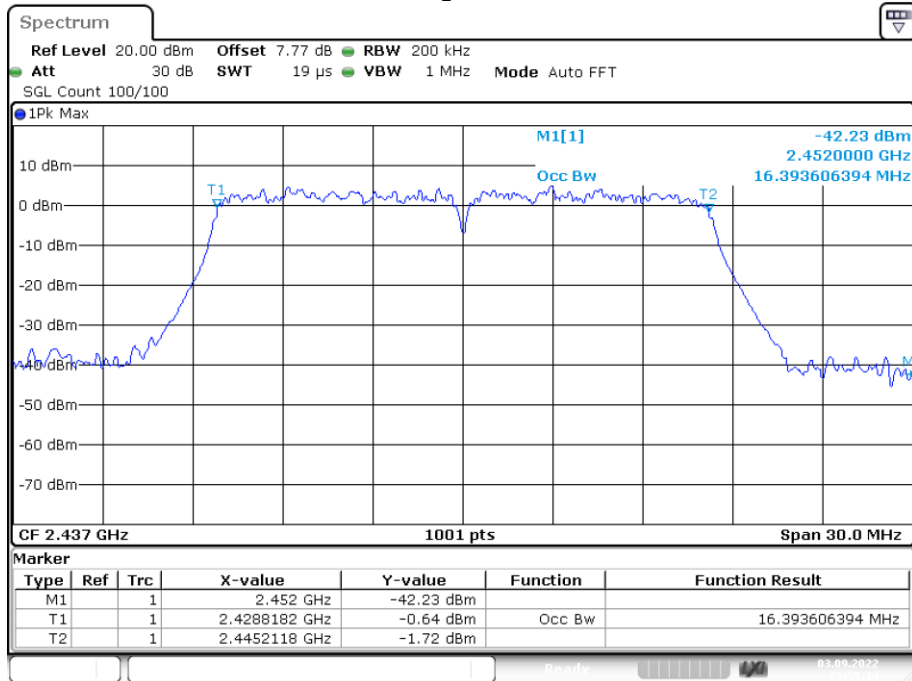
Date: 2.SEP.2022 13:17:55

OBW NVNT g 2412MHz Ant1



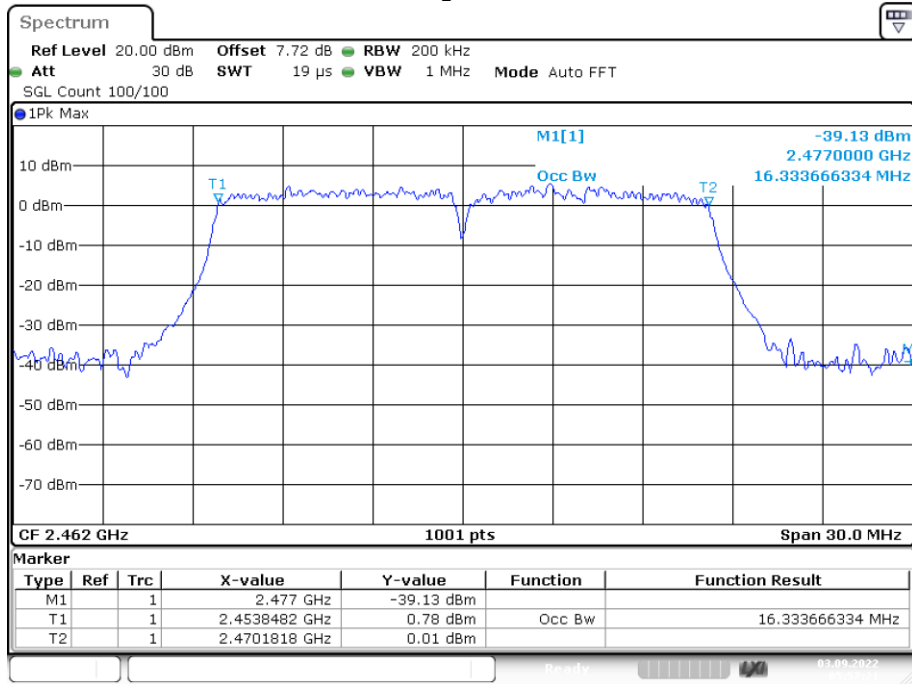
Date: 3.SEP.2022 05:52:29

OBW NVNT g 2437MHz Ant1



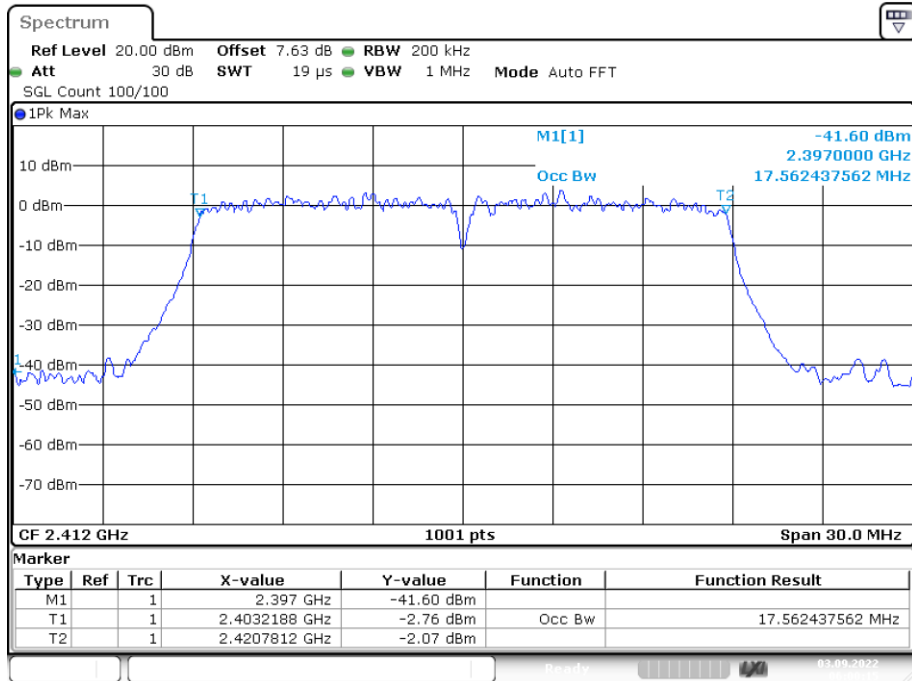
Date: 3.SEP.2022 05:55:13

OBW NVNT g 2462MHz Ant1



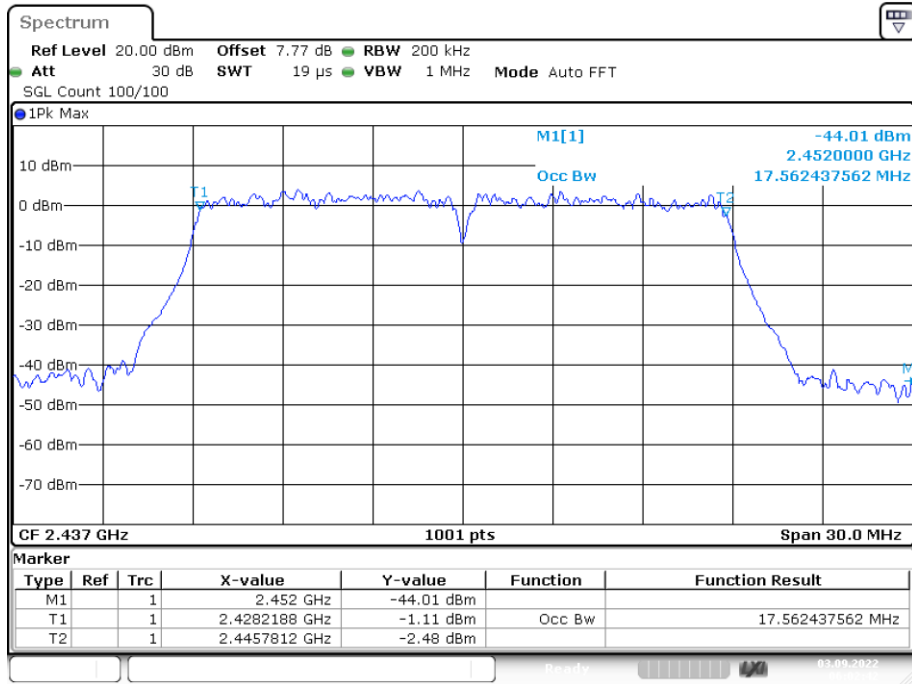
Date: 3.SEP.2022 05:57:21

OBW NVNT n20 2412MHz Ant1



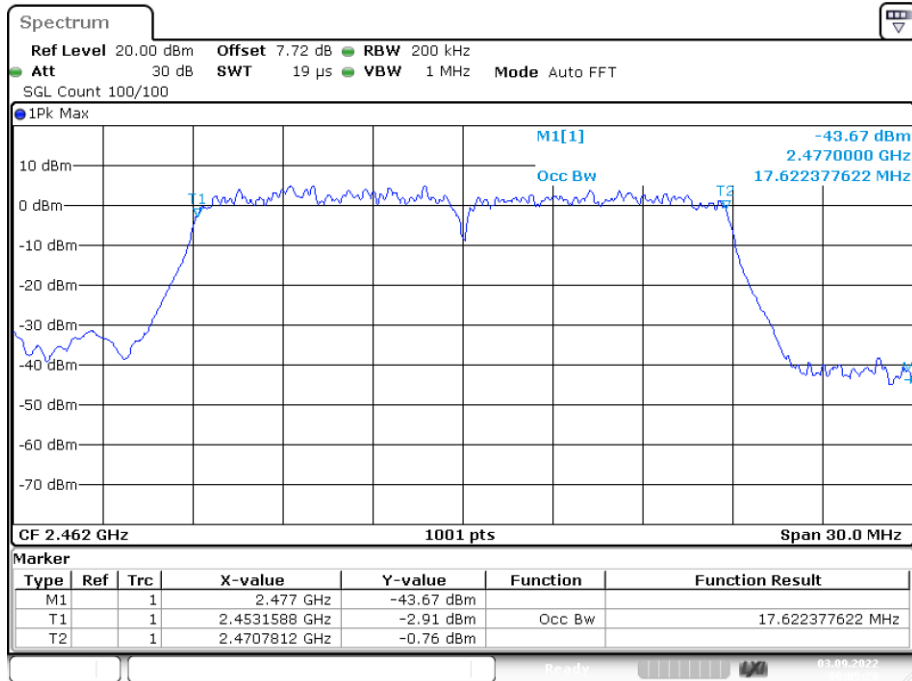
Date: 3.SEP.2022 06:00:15

OBW NVNT n20 2437MHz Ant1



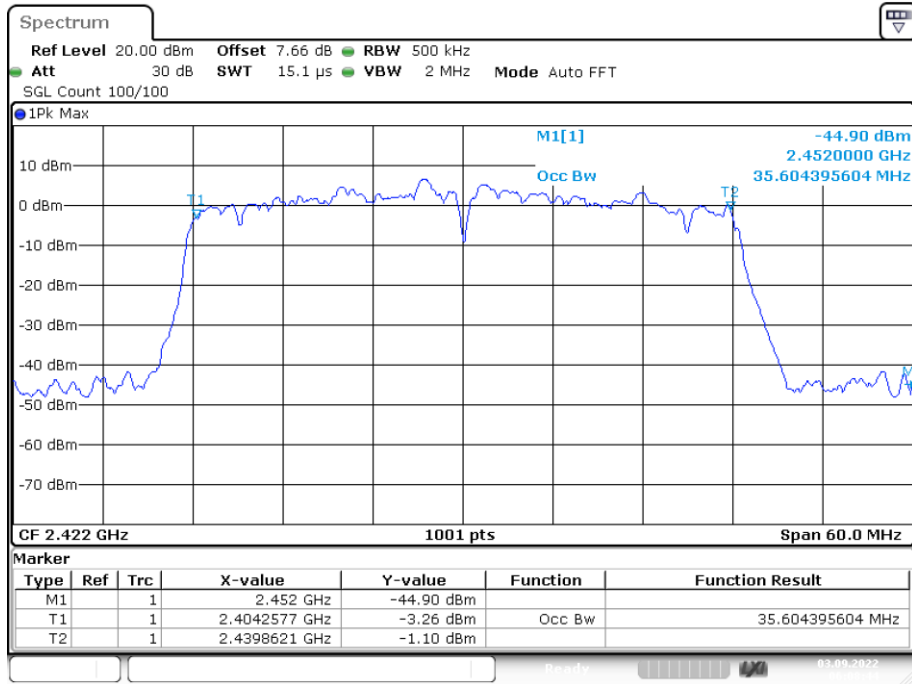
Date: 3.SEP.2022 06:02:41

OBW NVNT n20 2462MHz Ant1



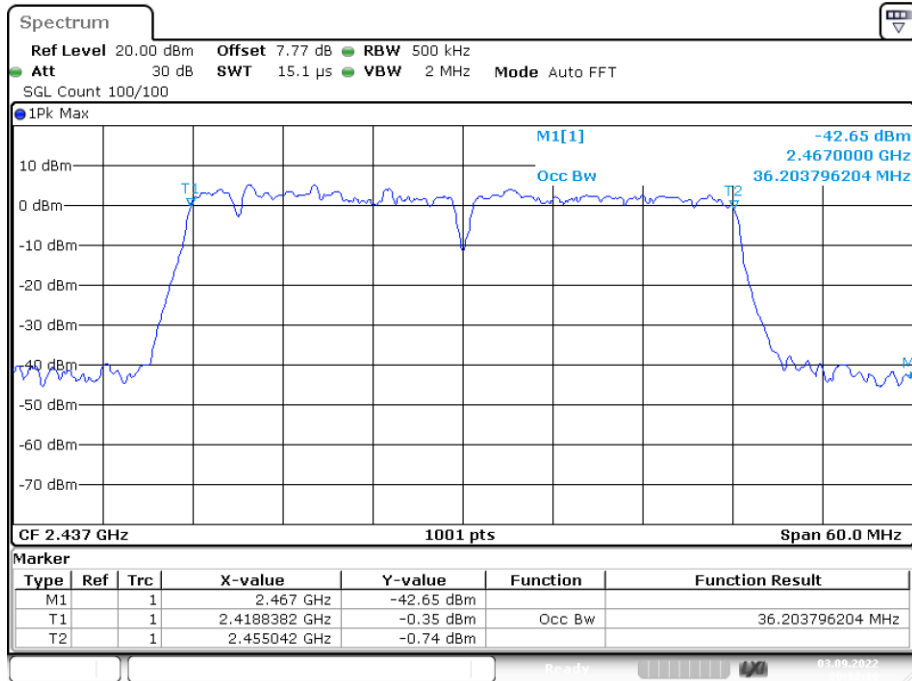
Date: 3.SEP.2022 06:05:25

OBW NVNT n40 2422MHz Ant1



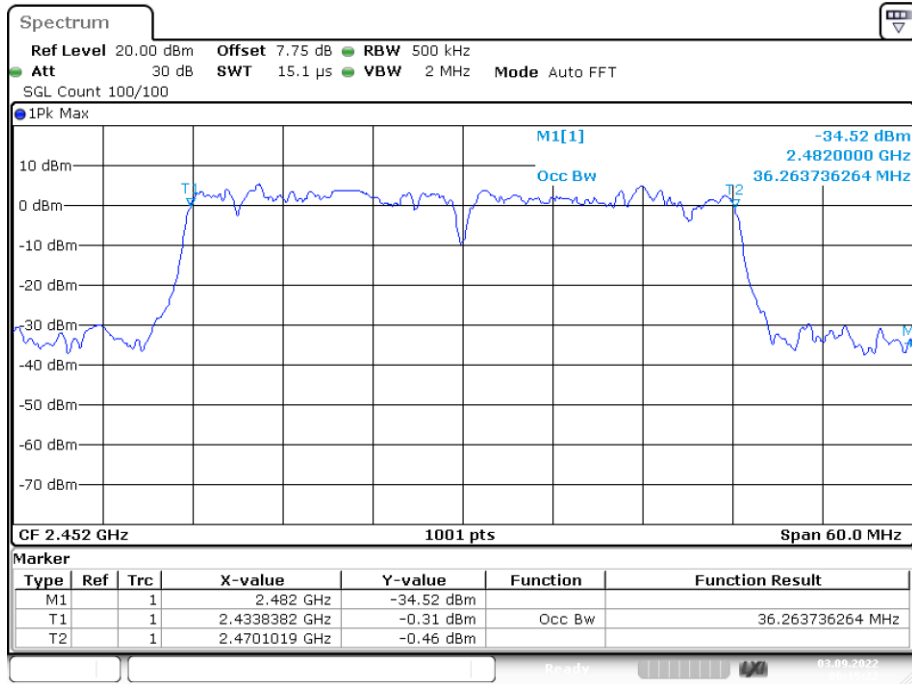
Date: 3.SEP.2022 06:08:44

OBW NVNT n40 2437MHz Ant1



Date: 3.SEP.2022 06:12:10

OBW NVNT n40 2452MHz Ant1



Date: 3.SEP.2022 06:15:22

Note: Both antennas have been tested and only the worst data of antenna 1 is shown.

## **8. BAND EDGE CHECK**

### **8.1. Test limits**

Please refer RSS-GEN & FCC PART 15: 15.247

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits and RSS-GEN limits.

### **8.2. Test Procedure**

Details see the KDB558074 D01 Meas Guidance v05r02

8.2.1 Put the EUT on a 1.5m high table, power on the EUT. Emissions were scanned and measured rotating the EUT to 360 degrees, Find the maximum Emission

8.2.2 Check the spurious emissions out of band.

8.2.3 RBW 1MHz, VBW 3MHz, peak detector for peak value, RBW 1MHz, VBW 10Hz, RMS detector for AV value.

### **8.3. Test Setup**

Same as 5.2.2.

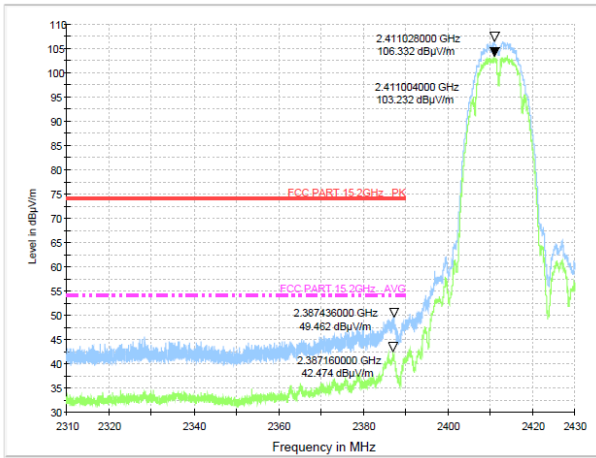
### **8.4. Test Results**

PASS.

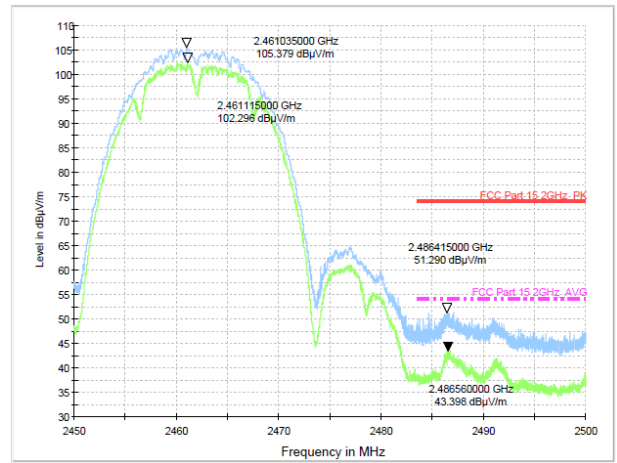
Detailed information please see the following page.



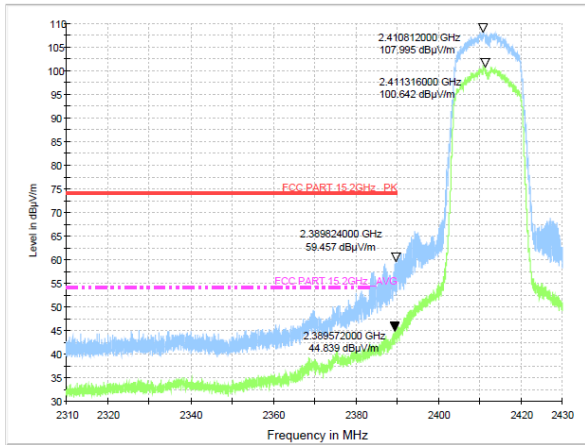
Test Mode: IEEE 802.11b-Low



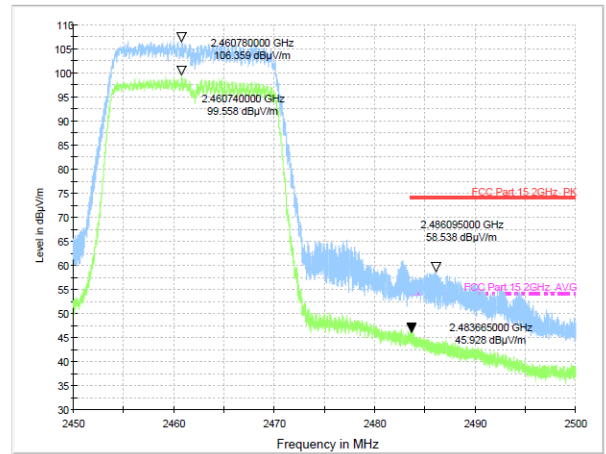
Test Mode: IEEE 802.11b-High



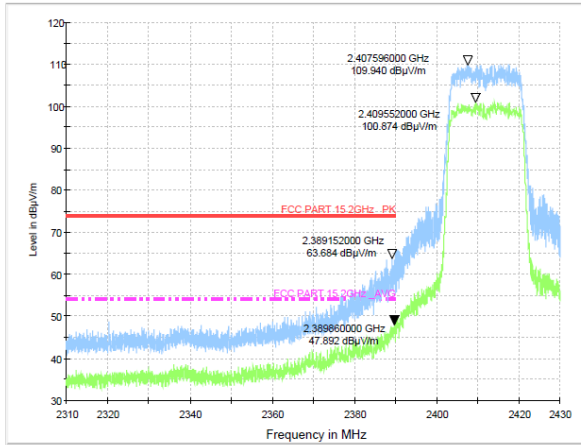
Test Mode: IEEE 802.11g-Low



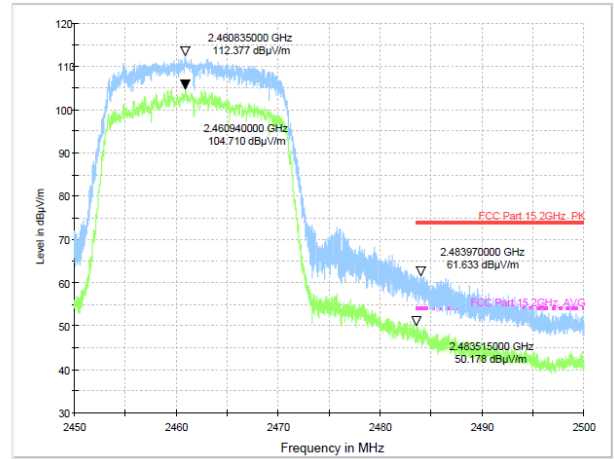
Test Mode: IEEE 802.11g-High



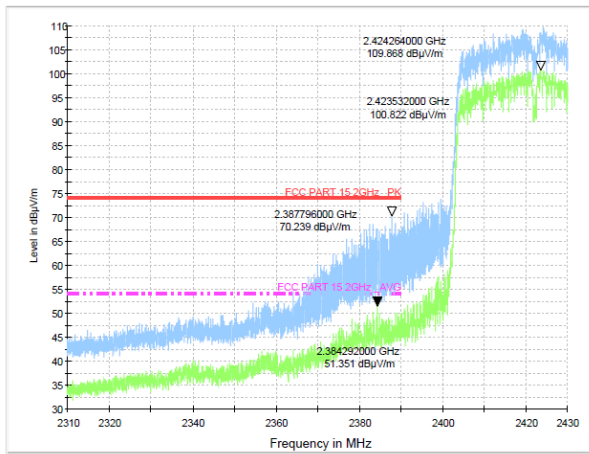
Test Mode: IEEE 802.11n20-Low



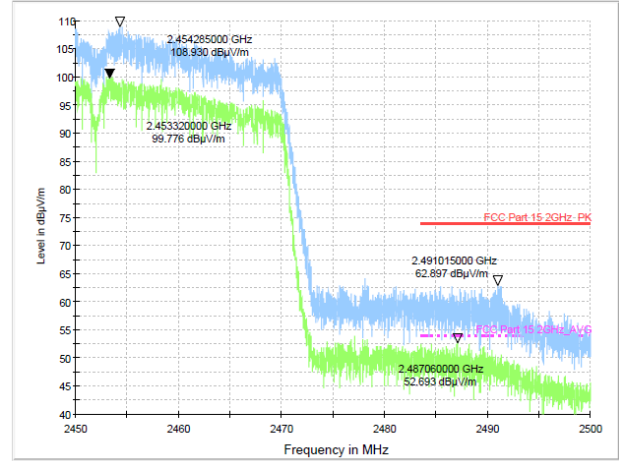
Test Mode: IEEE 802.11n20-High



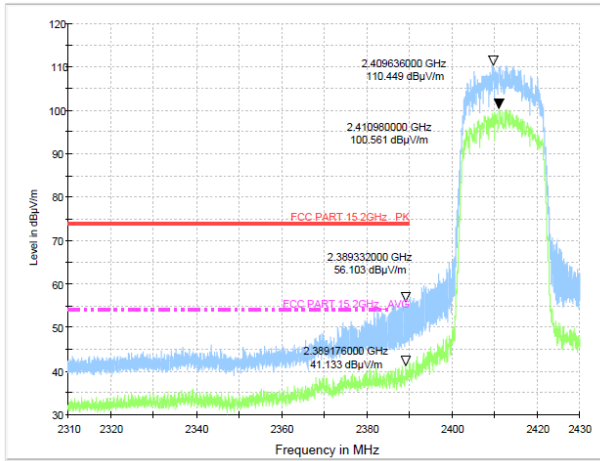
Test Mode: IEEE 802.11n40-Low



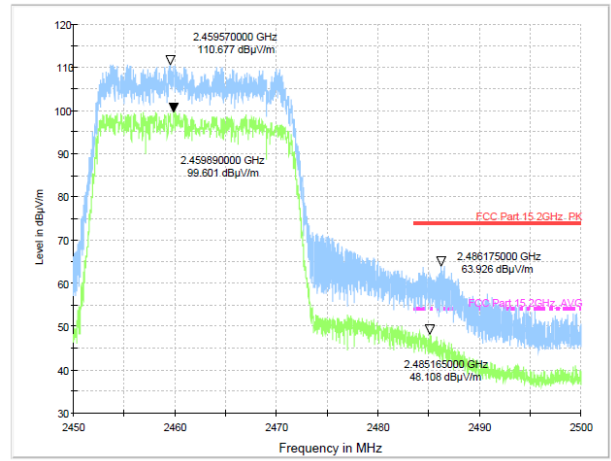
Test Mode: IEEE 802.11n40-High



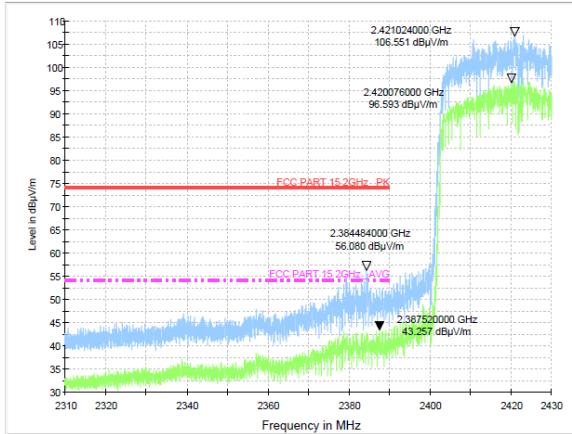
Test Mode: IEEE 802.11ax20-Low



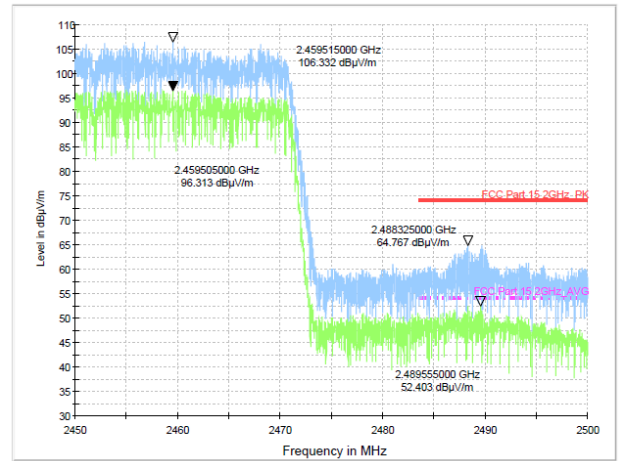
Test Mode: IEEE 802.11ax20-High



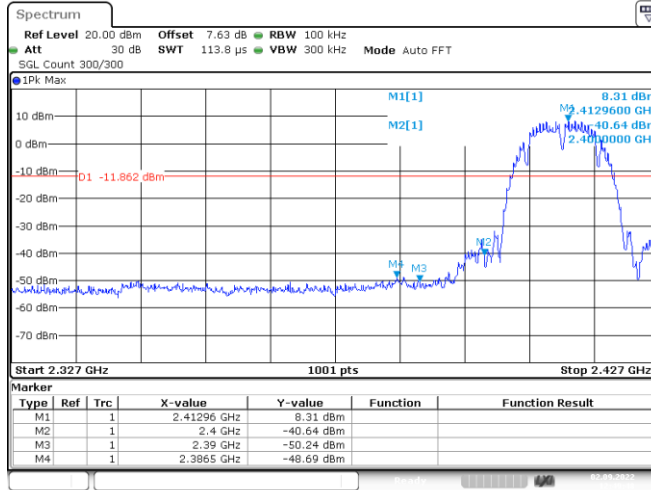
Test Mode: IEEE 802.11ax40-Low



Test Mode: IEEE 802.11ax40-High

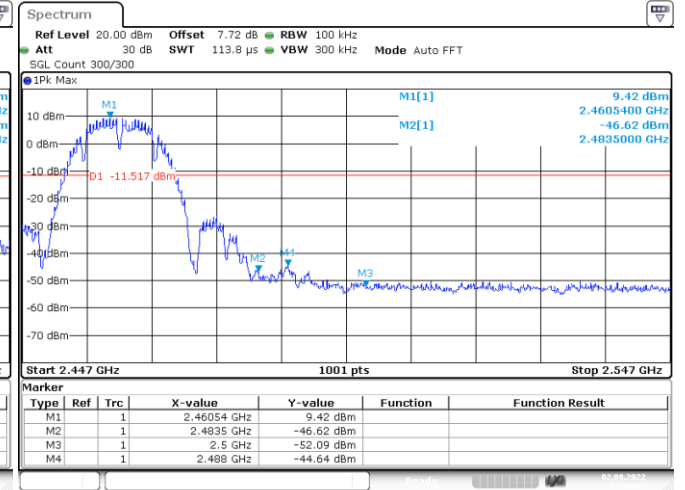


Test mode: 802.11b



Date: 2.SEP.2022 12:49:48

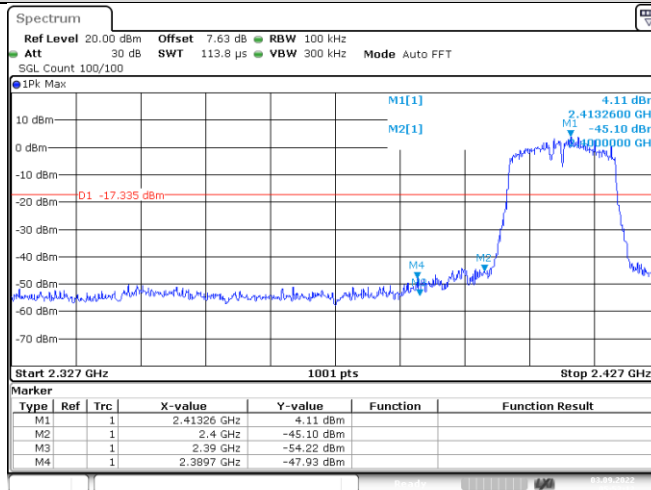
Lowest channel



Date: 2.SEP.2022 13:18:47

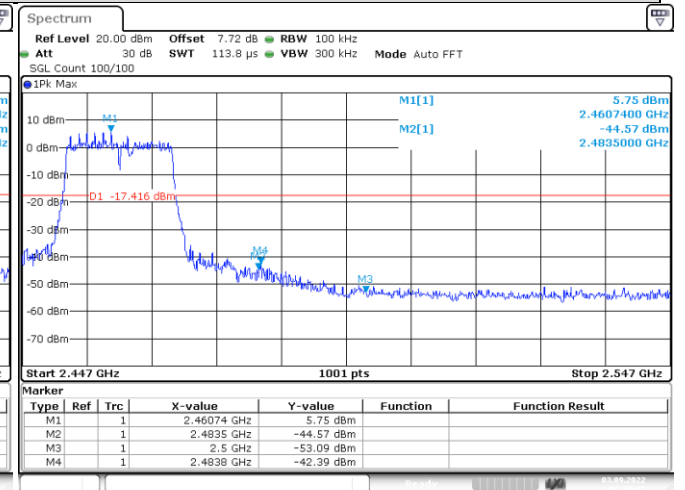
Highest channel

Test mode: 802.11g



Date: 3.SEP.2022 05:53:11

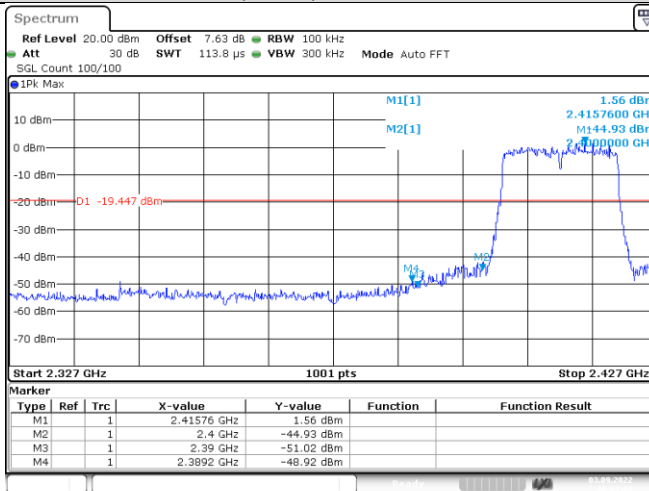
Lowest channel



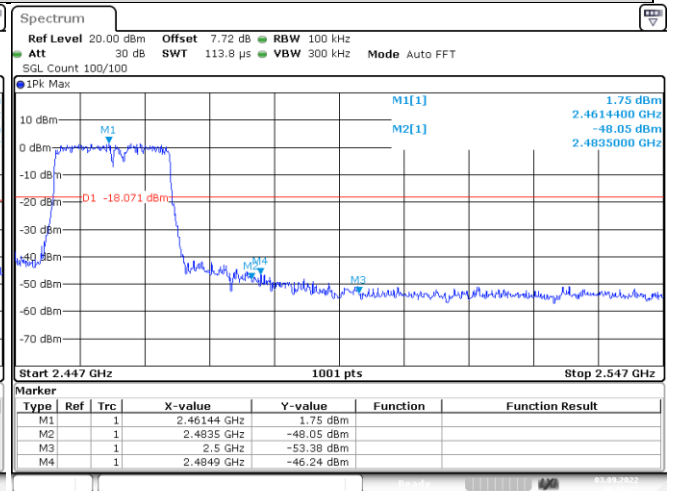
Date: 3.SEP.2022 05:58:08

Highest channel

Test mode: 802.11n(HT20)

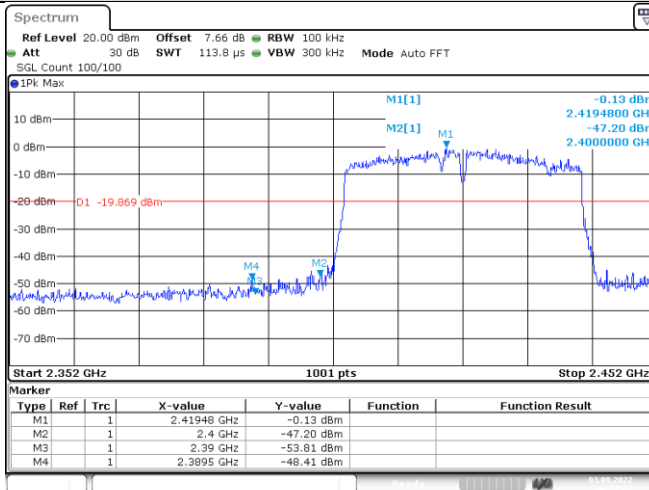


Lowest channel

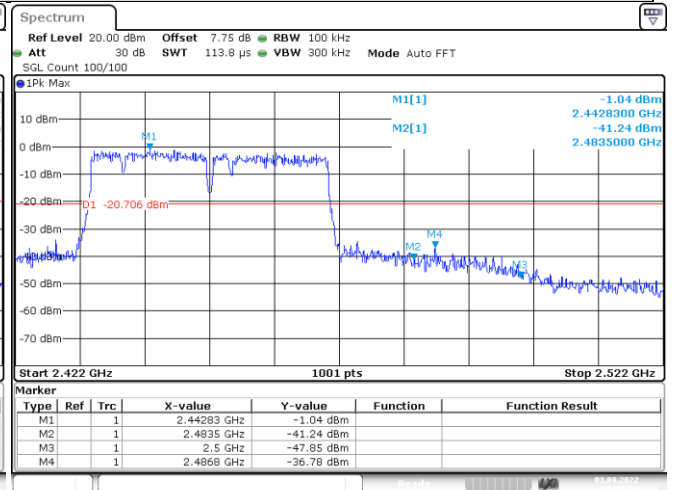


Highest channel

Test mode: 802.11n(HT40)

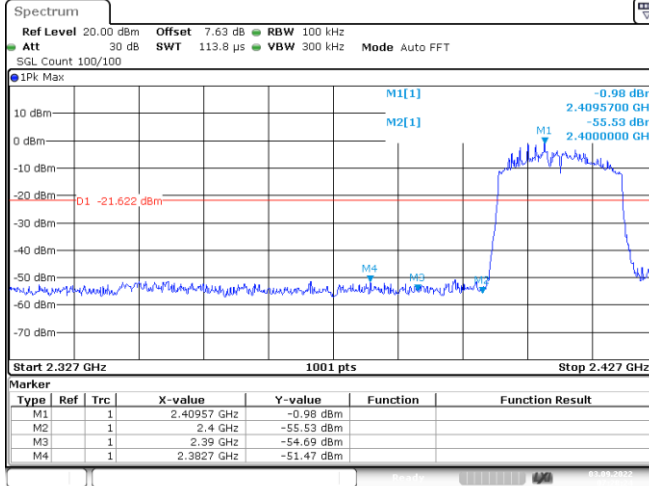


Lowest channel

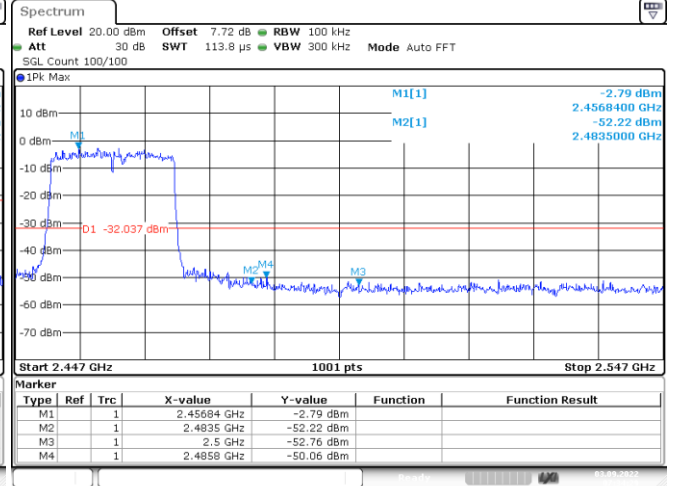


Highest channel

Test mode: 802.11ax(HT20)

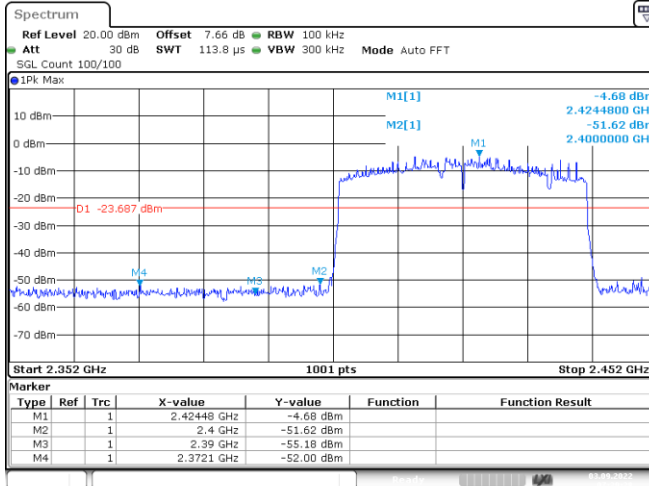


Lowest channel

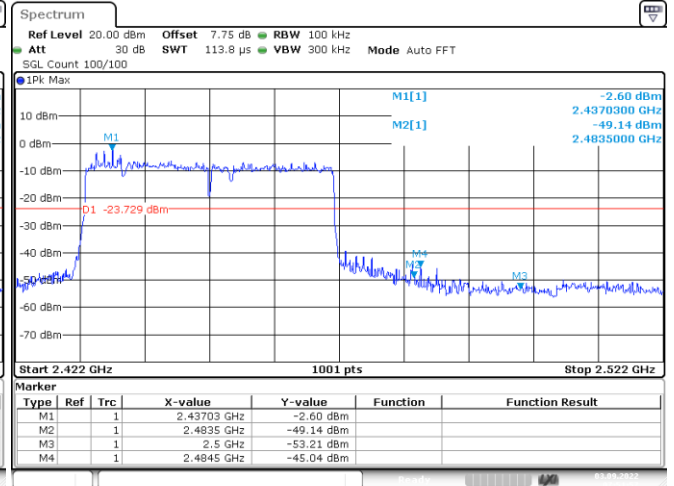


Highest channel

Test mode: 802.11ax(HT40)



Lowest channel



Highest channel

Note: 1. Except for mode b/g, other modes test the MIMO status.  
 2. Only the worst data of each pattern is reflected.

## **9. ANTENNA REQUIREMENT**

### **9.1. Standard Requirement**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

### **9.2. Antenna Connected Construction**

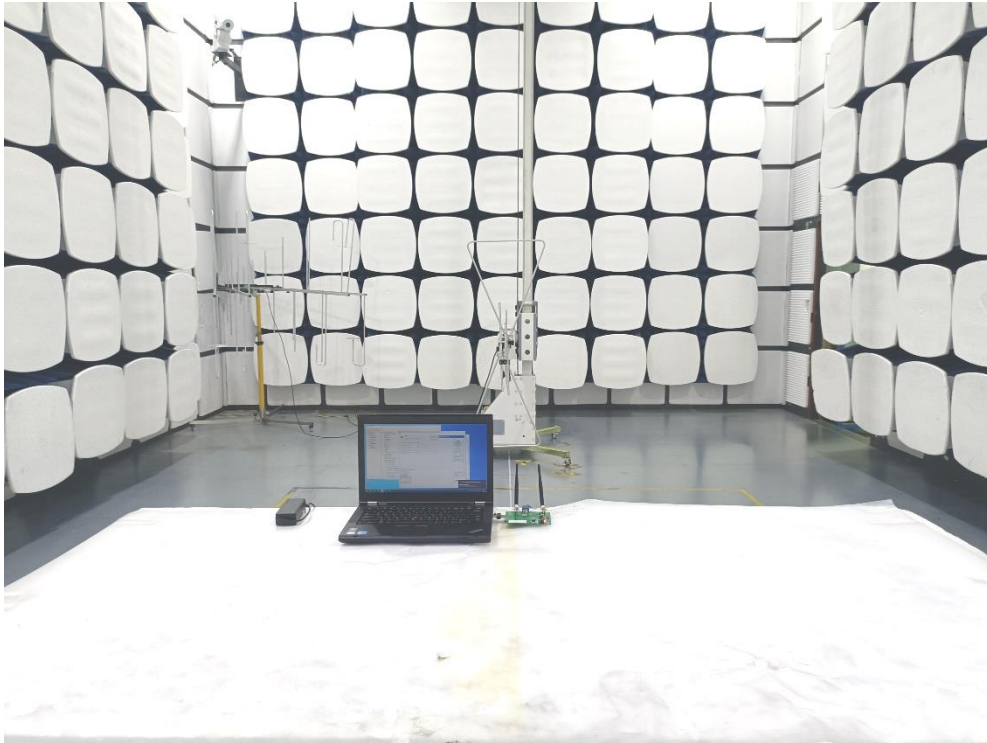
The antenna connector is unique antenna and no consideration of replacement. Please see EUT photo for details.

### **9.3. Results**

The use of an antenna that is uniquely coupled to the intended radiator shall be considered sufficient to comply with the provisions of this section.

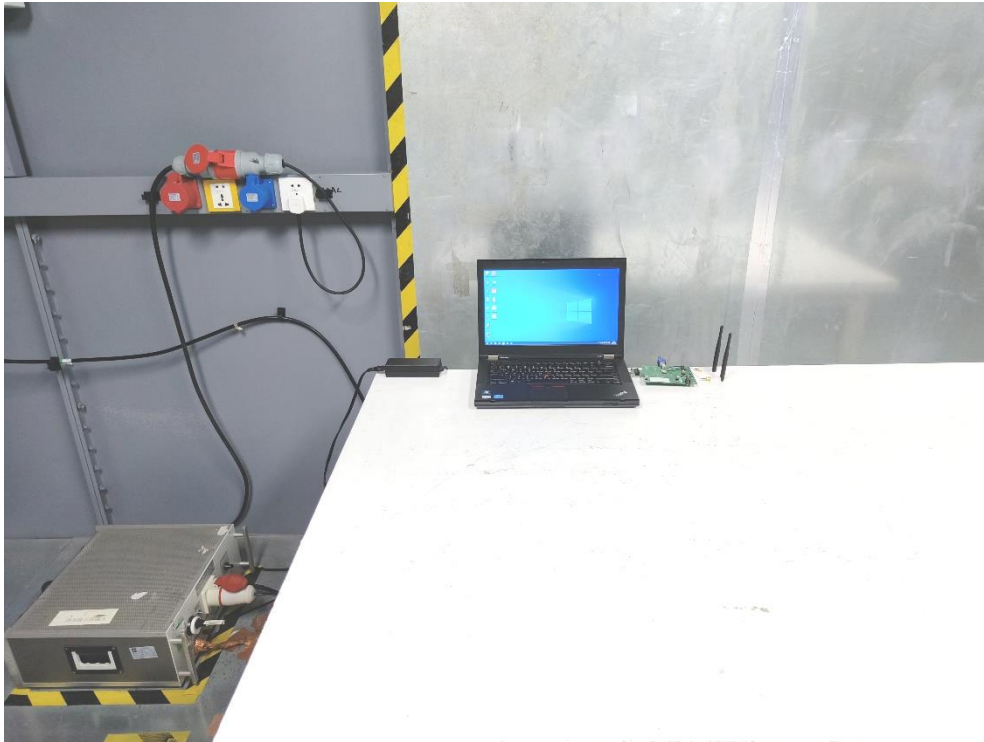
## 10. TEST SETUP PHOTO

### 10.1. Photos of Radiated emission





10.2.Photos of Conducted Emission test



-----END OF REPORT-----