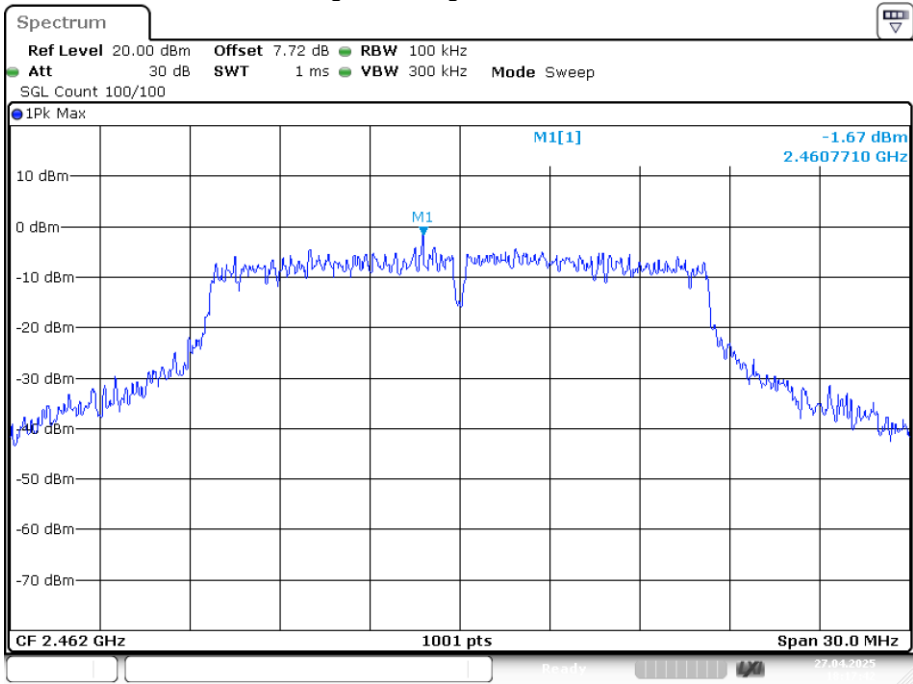
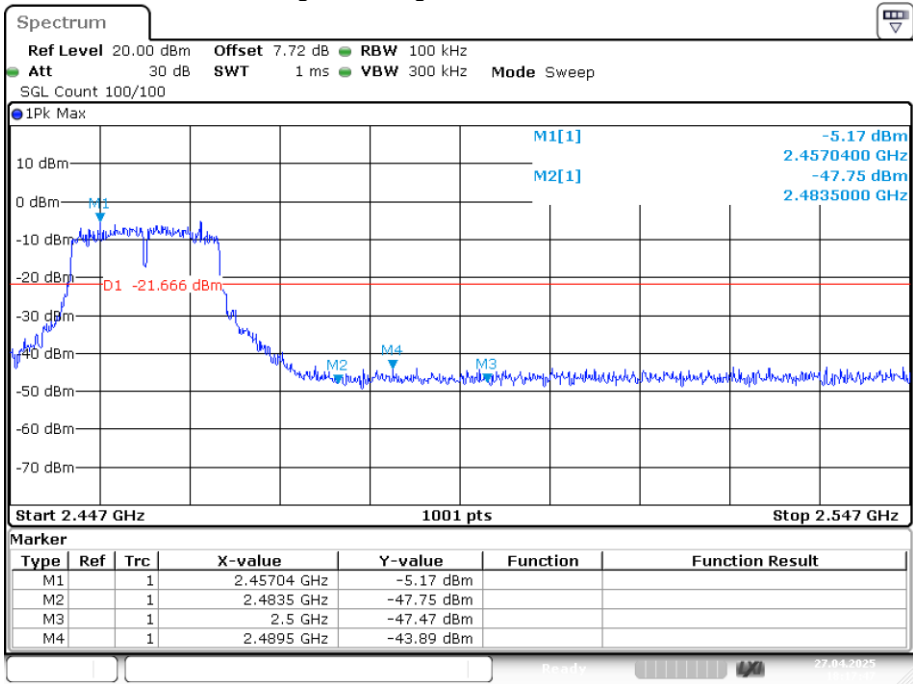


Band Edge NVNT g 2462MHz Ant1 Ref



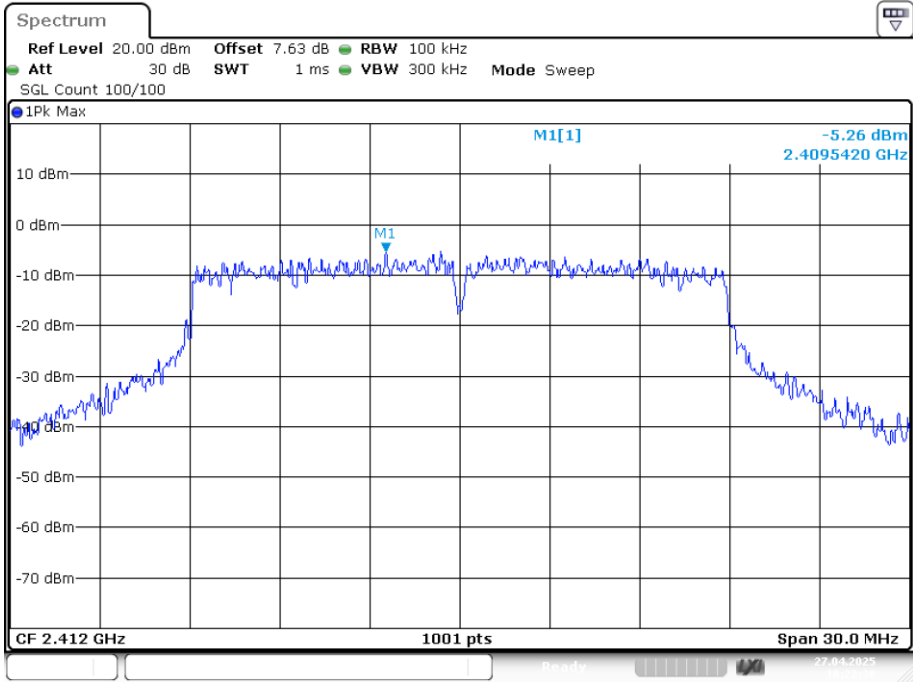
Date: 27.APR.2025 18:17:43

Band Edge NVNT g 2462MHz Ant1 Emission



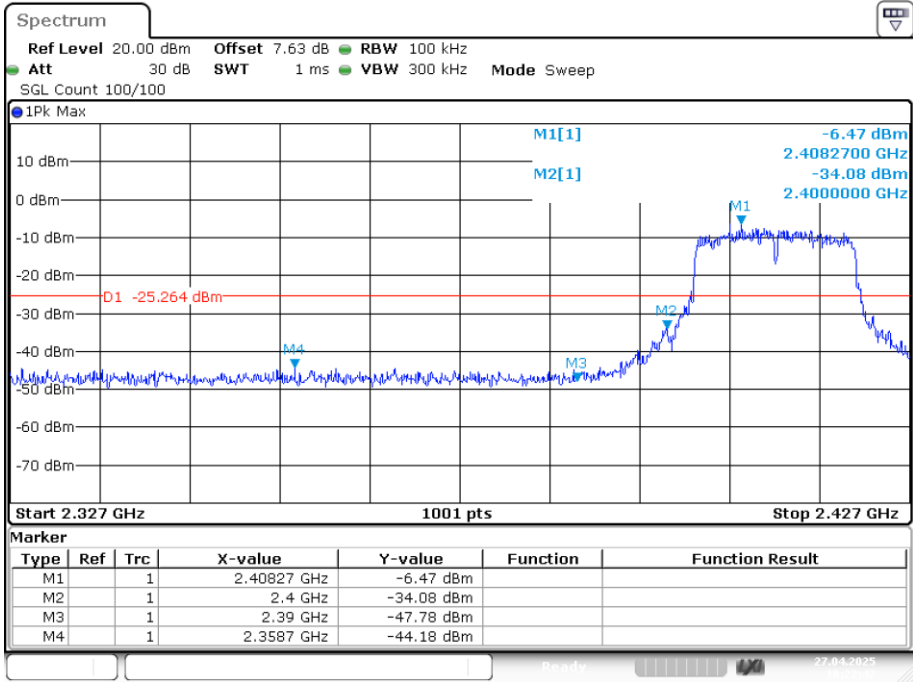
Date: 27.APR.2025 18:17:46

Band Edge NVNT n20 2412MHz Ant1 Ref



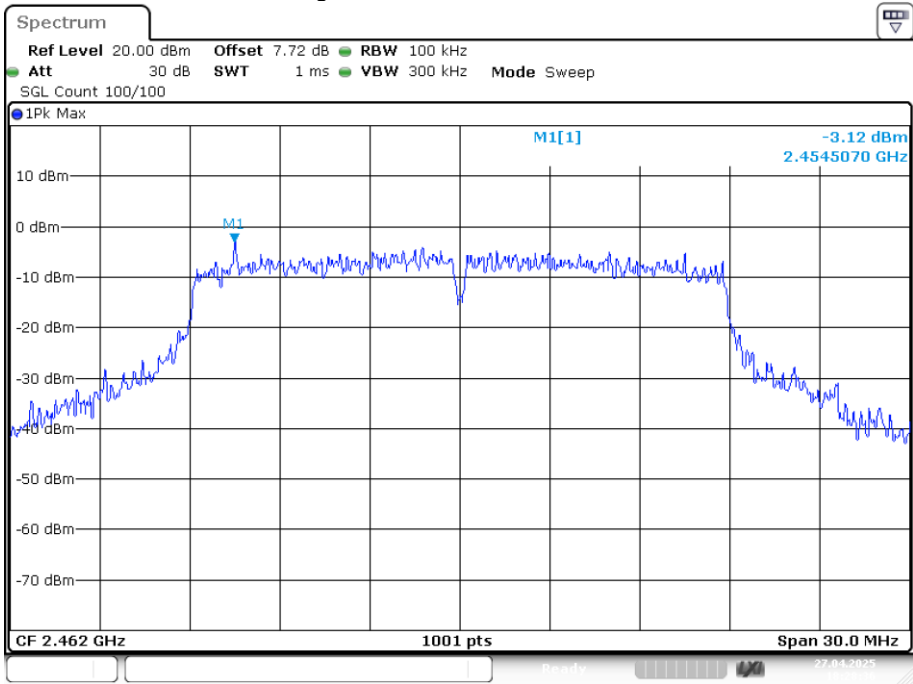
Date: 27.APR.2025 18:22:37

Band Edge NVNT n20 2412MHz Ant1 Emission



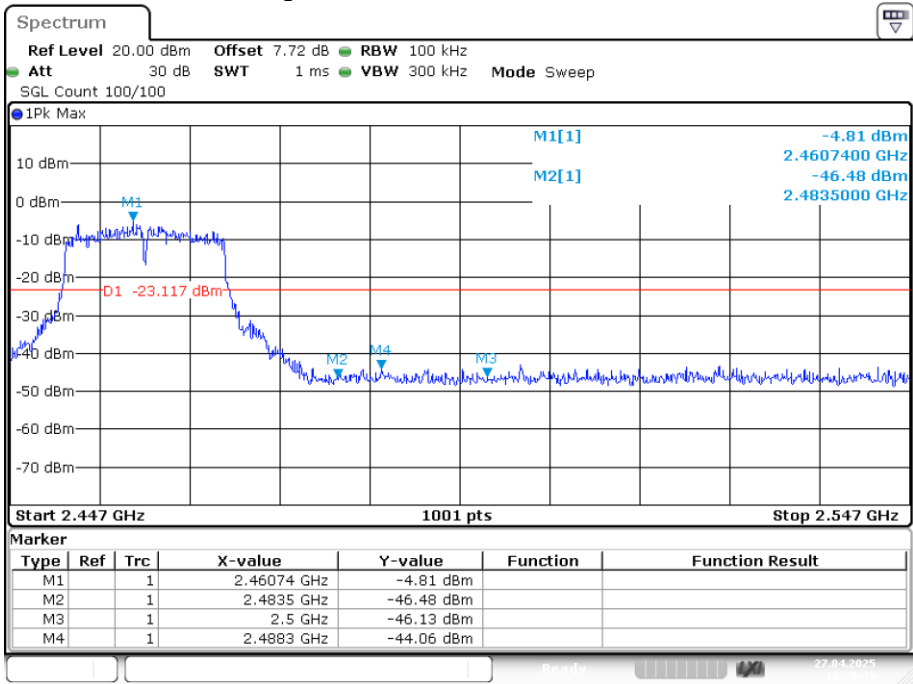
Date: 27.APR.2025 18:22:42

Band Edge NVNT n20 2462MHz Ant1 Ref



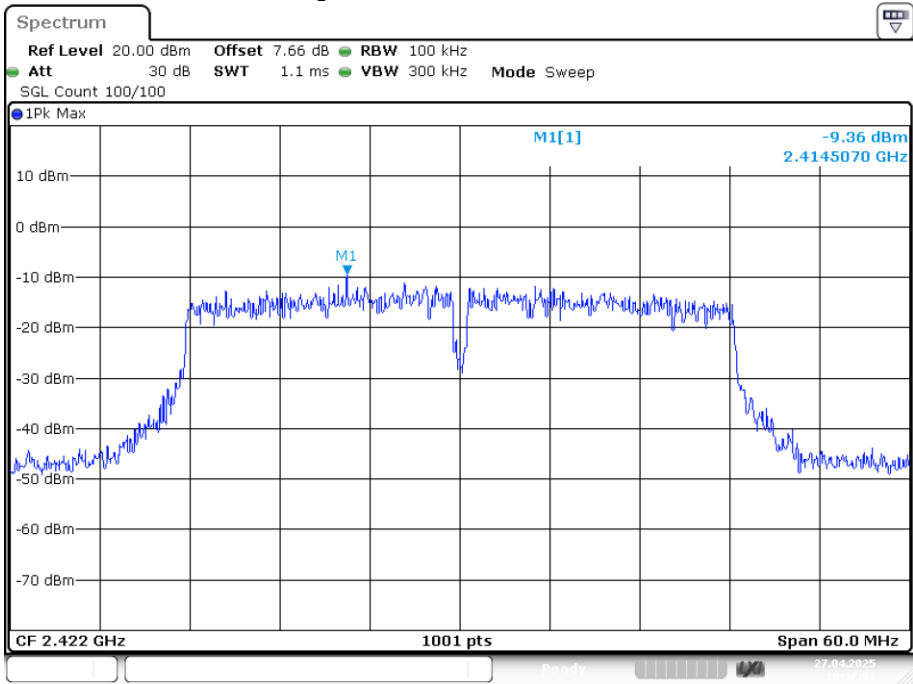
Date: 27.APR.2025 18:28:36

Band Edge NVNT n20 2462MHz Ant1 Emission



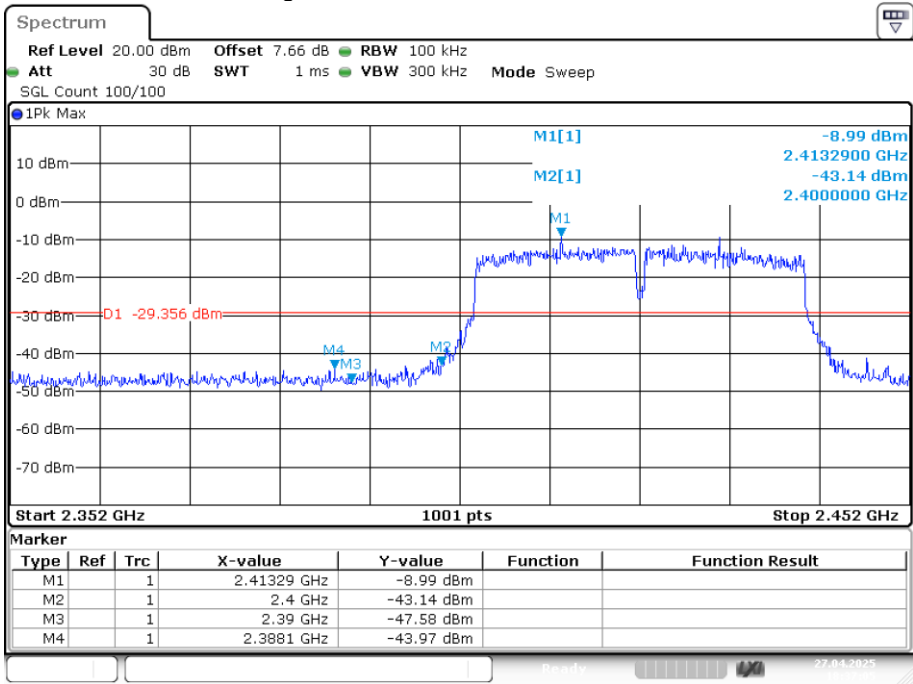
Date: 27.APR.2025 18:28:40

Band Edge NVNT n40 2422MHz Ant1 Ref



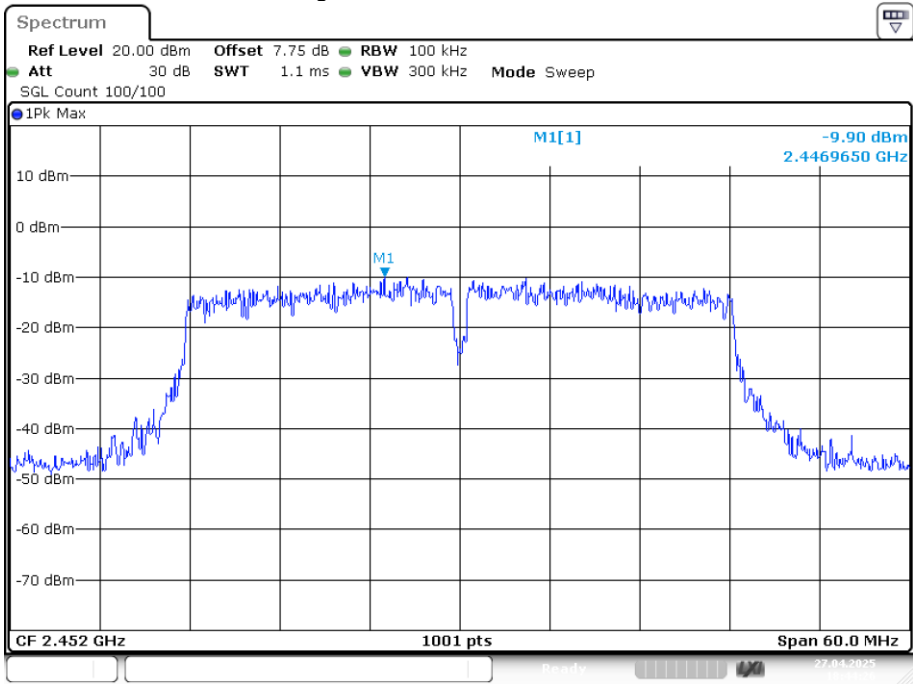
Date: 27.APR.2025 18:37:00

Band Edge NVNT n40 2422MHz Ant1 Emission



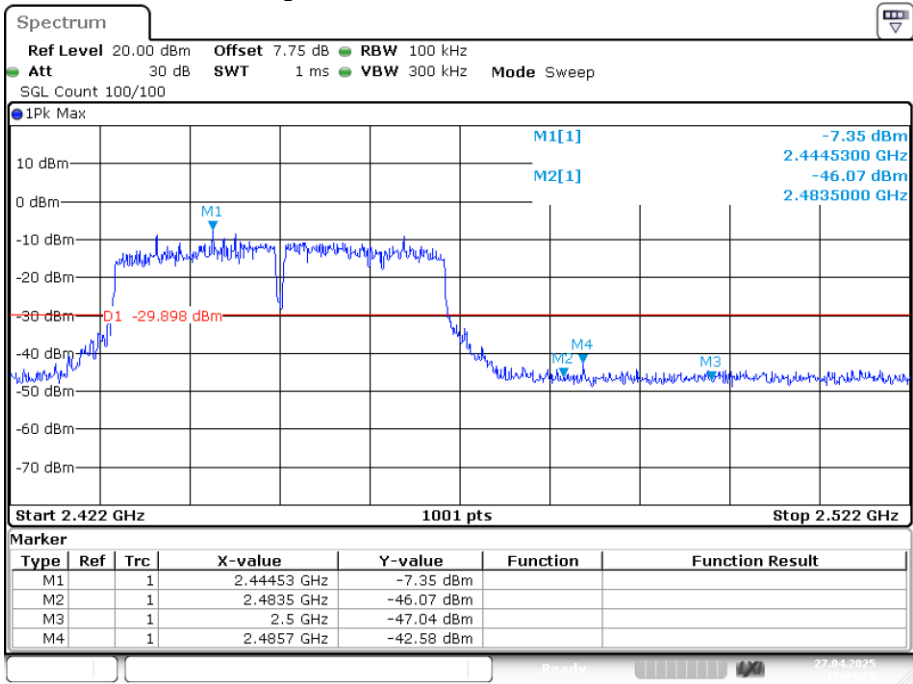
Date: 27.APR.2025 18:37:04

Band Edge NVNT n40 2452MHz Ant1 Ref



Date: 27.APR.2025 18:44:26

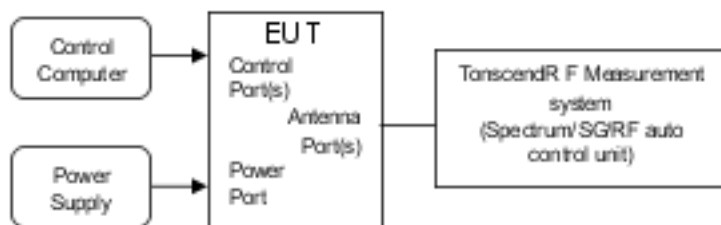
Band Edge NVNT n40 2452MHz Ant1 Emission



Date: 27.APR.2025 18:44:29

11. DUTY CYCLE

11.1. Block diagram of test setup



11.2. Test Procedure

Details see the KDB 558074 D01 15.247 Meas Guidance v05r02

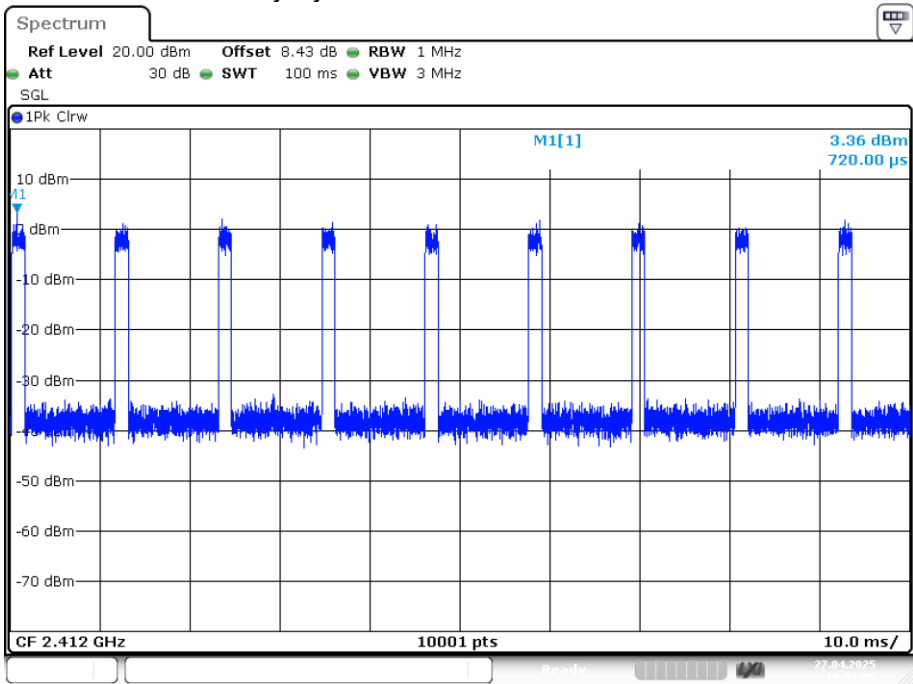
- 11.2.1 A diode detector and an oscilloscope that together have sufficiently short response time to permit accurate measurements of the on and off times of the transmitted signal.
- 11.2.2 The zero-span mode on a spectrum analyzer or EMI receiver, if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal. Set the center frequency of the instrument to the center frequency of the transmission. Set $RBW \geq EBW$ if possible; otherwise, set RBW to the largest available value. Set $VBW \geq RBW$. Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$, where T is defined in II.B.1.a), and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if $T \leq 16.7$ microseconds.)

11.3. Test Results

Pass

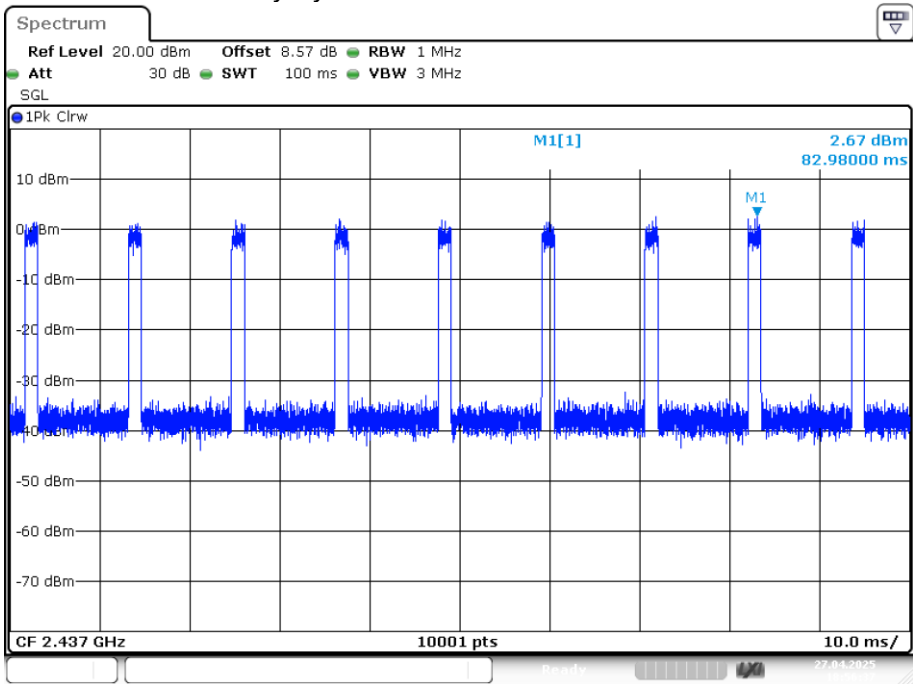
Condition	Mode	Frequency (MHz)	Antenna	Duty Cycle (%)	Correction Factor (dB)
NVNT	ax20	2412	Ant1	13.14	8.81
NVNT	ax20	2437	Ant1	13.14	8.81
NVNT	ax20	2462	Ant1	13.14	8.81
NVNT	ax40	2422	Ant1	6.58	11.82
NVNT	ax40	2437	Ant1	6.58	11.82
NVNT	ax40	2452	Ant1	6.58	11.82
NVNT	b	2412	Ant1	36.73	4.35
NVNT	b	2437	Ant1	38.78	4.11
NVNT	b	2462	Ant1	36.76	4.35
NVNT	g	2412	Ant1	18.24	7.39
NVNT	g	2437	Ant1	16.33	7.87
NVNT	g	2462	Ant1	16.32	7.87
NVNT	n20	2412	Ant1	15.2	8.18
NVNT	n20	2437	Ant1	15.21	8.18
NVNT	n20	2462	Ant1	15.24	8.17
NVNT	n40	2422	Ant1	8.46	10.73
NVNT	n40	2437	Ant1	8.46	10.73
NVNT	n40	2452	Ant1	8.46	10.73

Duty Cycle NVNT ax20 2412MHz Ant1



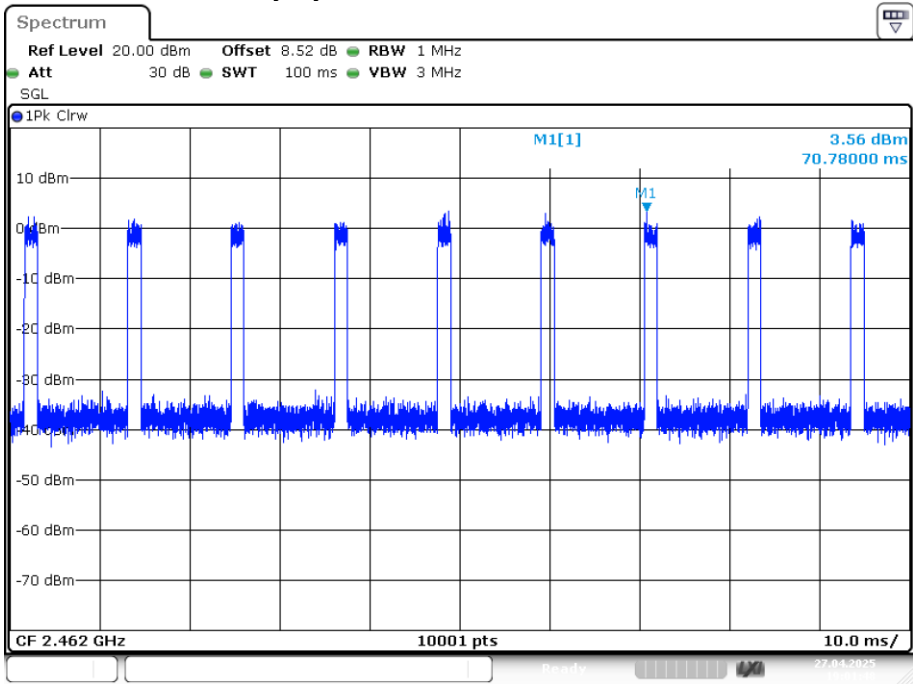
Date: 27.APR.2025 18:51:55

Duty Cycle NVNT ax20 2437MHz Ant1



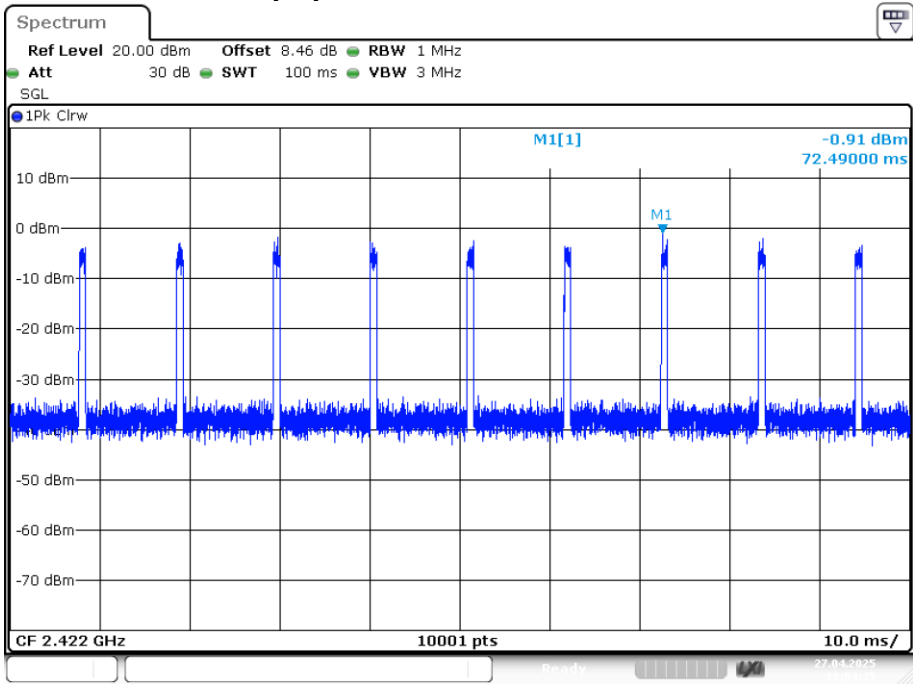
Date: 27.APR.2025 18:56:37

Duty Cycle NVNT ax20 2462MHz Ant1



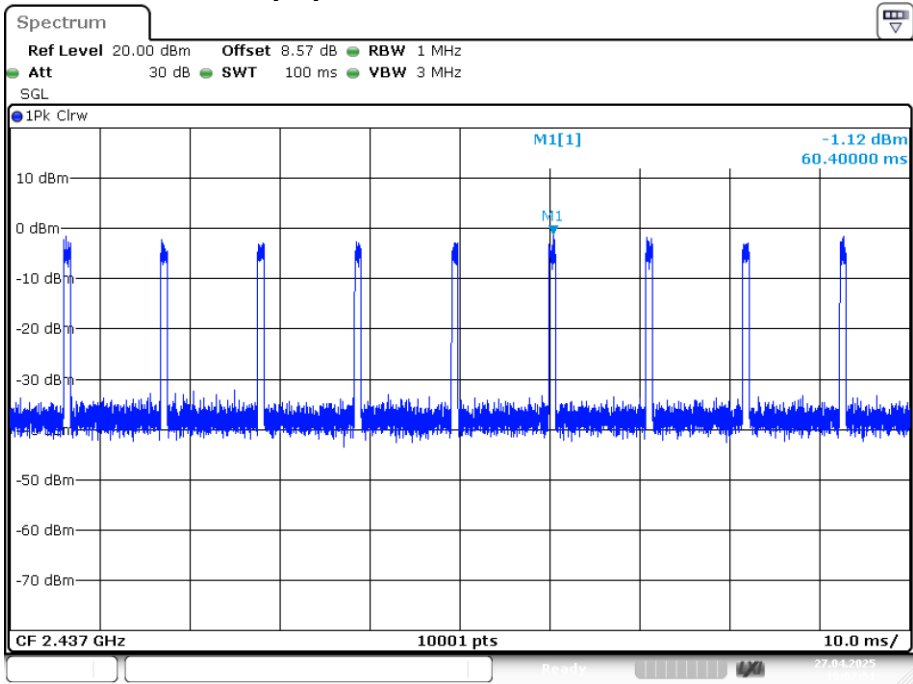
Date: 27.APR.2025 19:01:48

Duty Cycle NVNT ax40 2422MHz Ant1



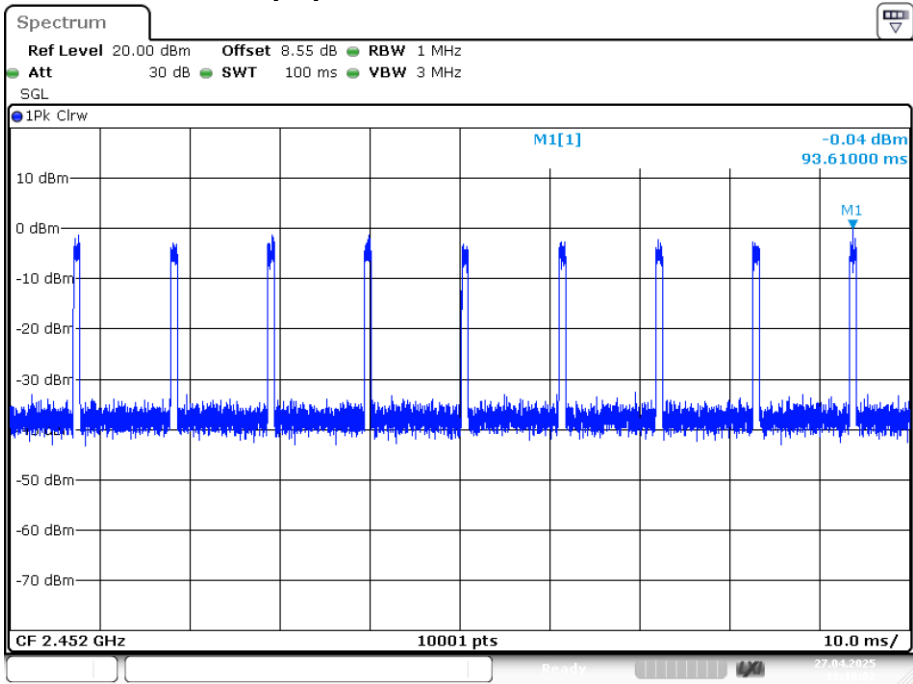
Date: 27.APR.2025 19:04:35

Duty Cycle NVNT ax40 2437MHz Ant1



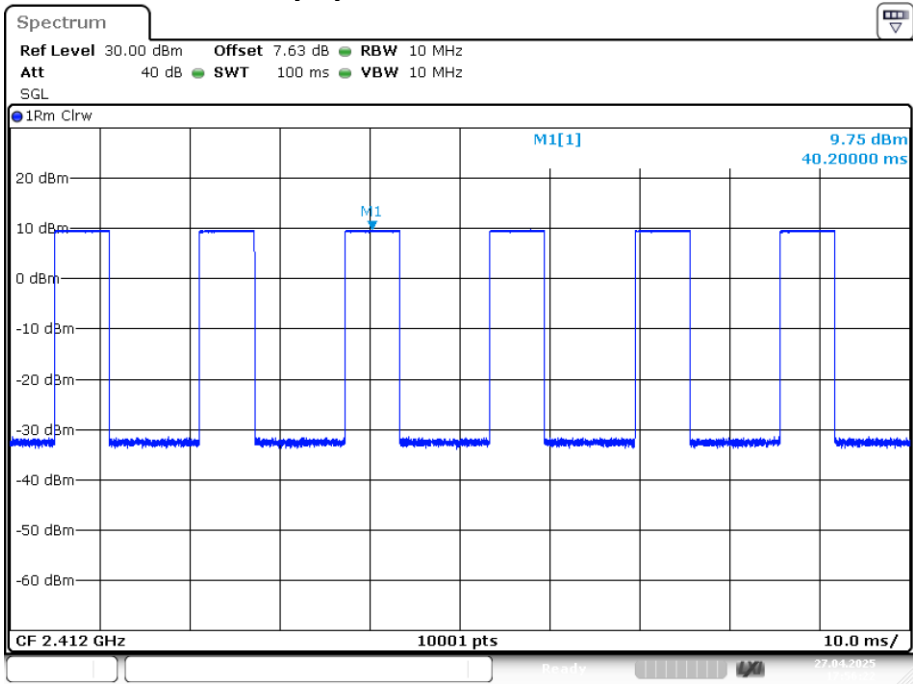
Date: 27.APR.2025 19:07:51

Duty Cycle NVNT ax40 2452MHz Ant1



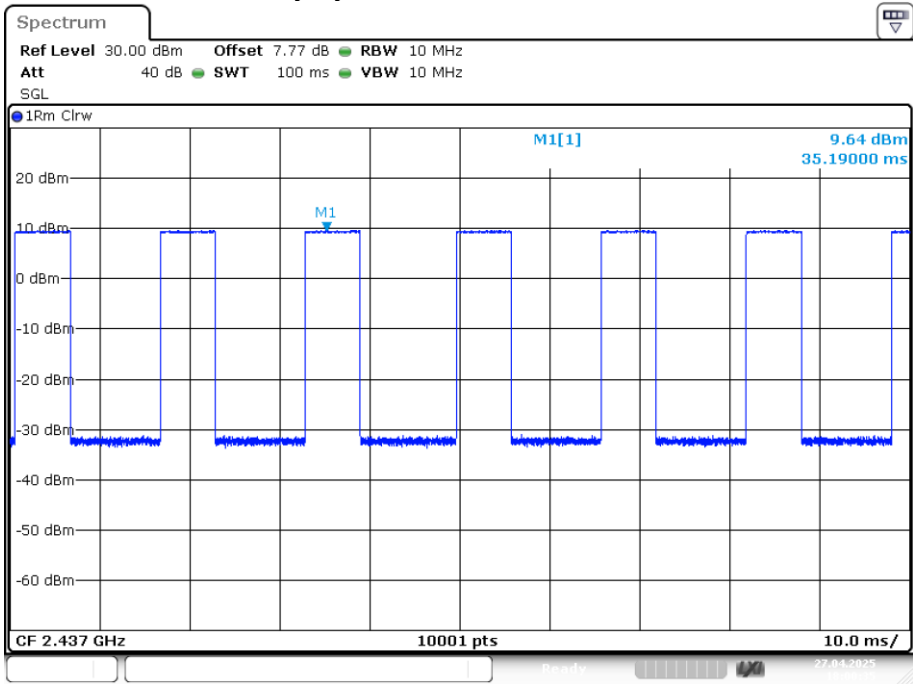
Date: 27.APR.2025 19:10:02

Duty Cycle NVNT b 2412MHz Ant1



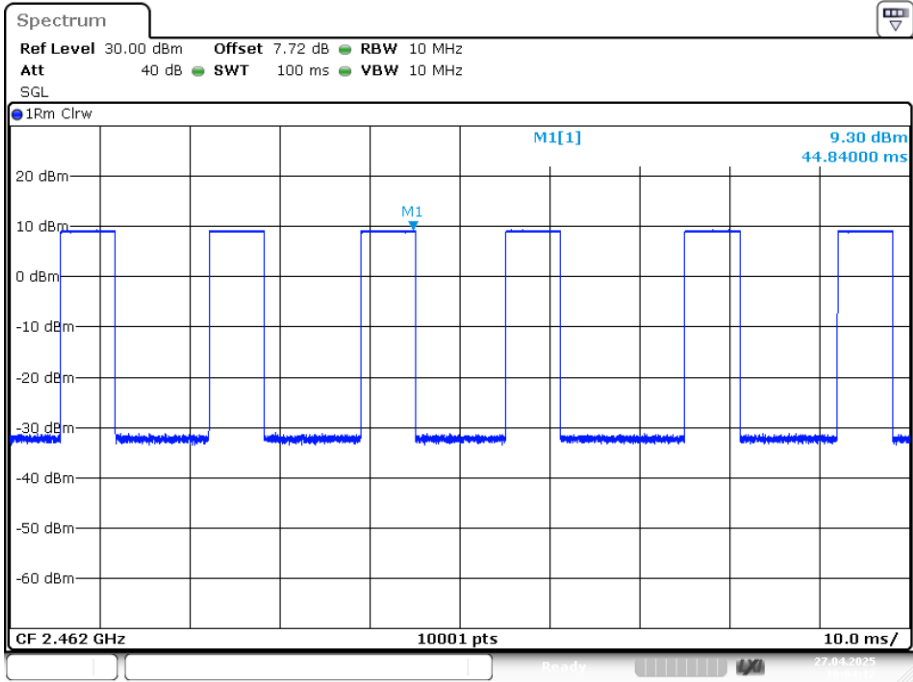
Date: 27.APR.2025 17:56:22

Duty Cycle NVNT b 2437MHz Ant1



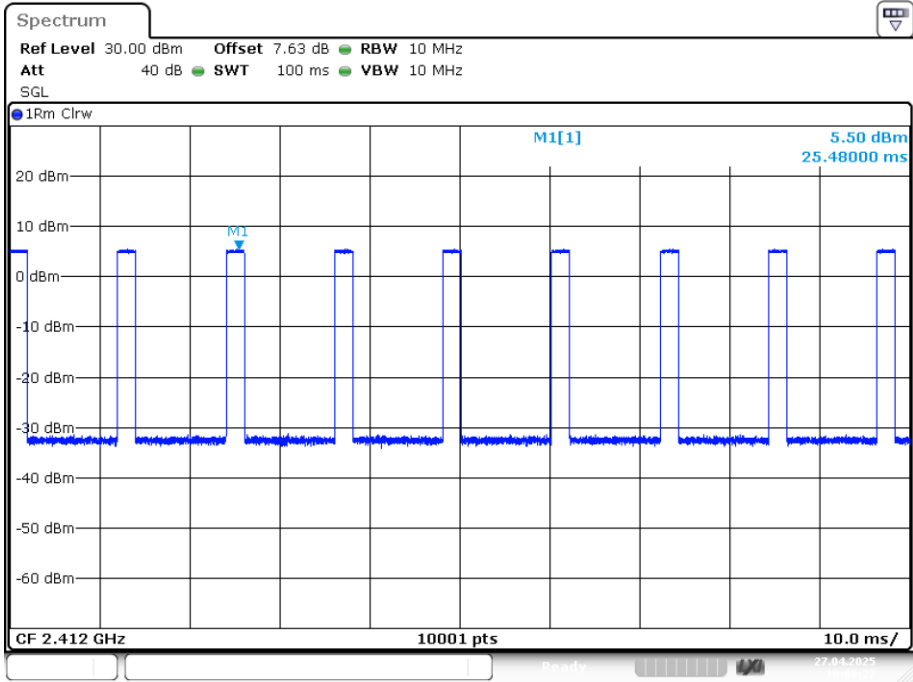
Date: 27.APR.2025 18:00:35

Duty Cycle NVNT b 2462MHz Ant1



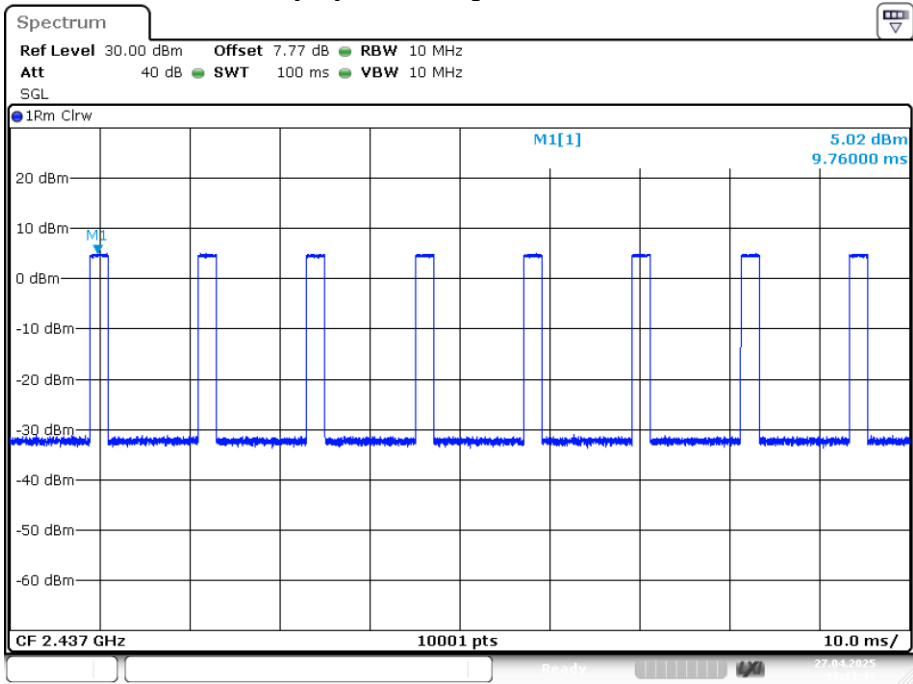
Date: 27.APR.2025 18:04:12

Duty Cycle NVNT g 2412MHz Ant1



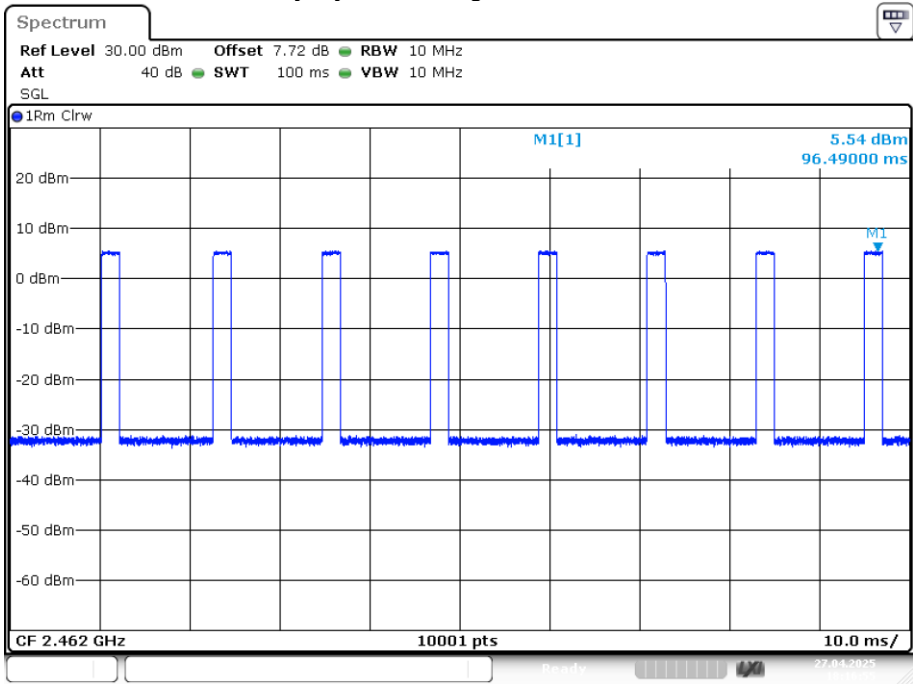
Date: 27.APR.2025 18:08:21

Duty Cycle NVNT g 2437MHz Ant1



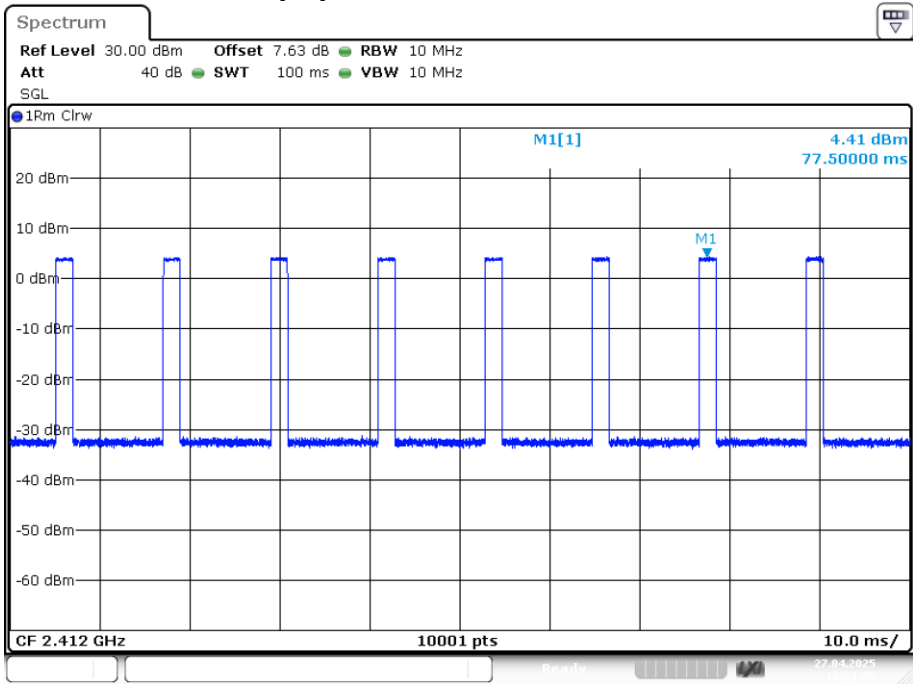
Date: 27.APR.2025 18:13:43

Duty Cycle NVNT g 2462MHz Ant1



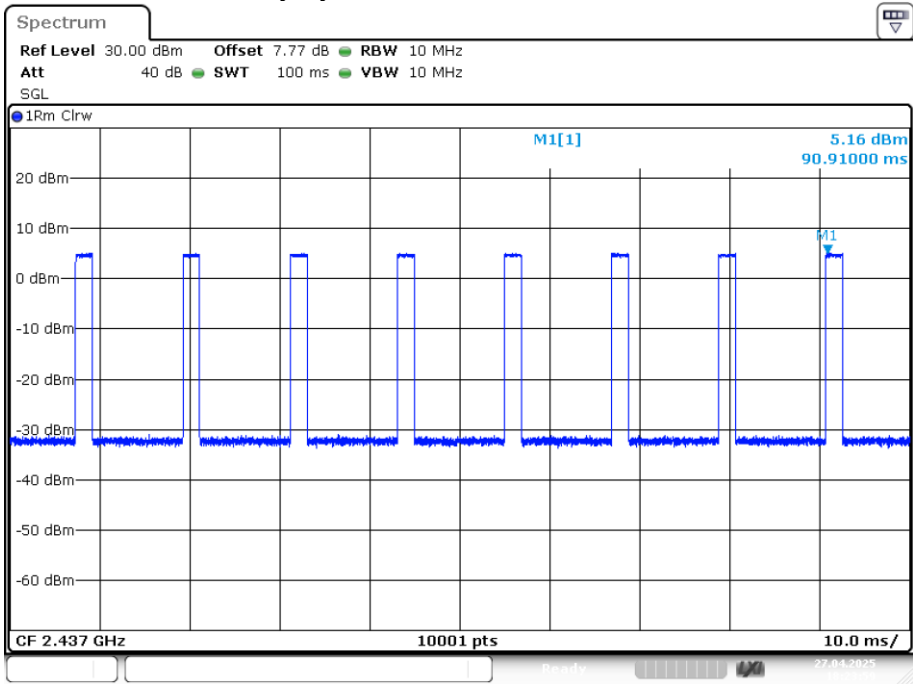
Date: 27.APR.2025 18:16:55

Duty Cycle NVNT n20 2412MHz Ant1



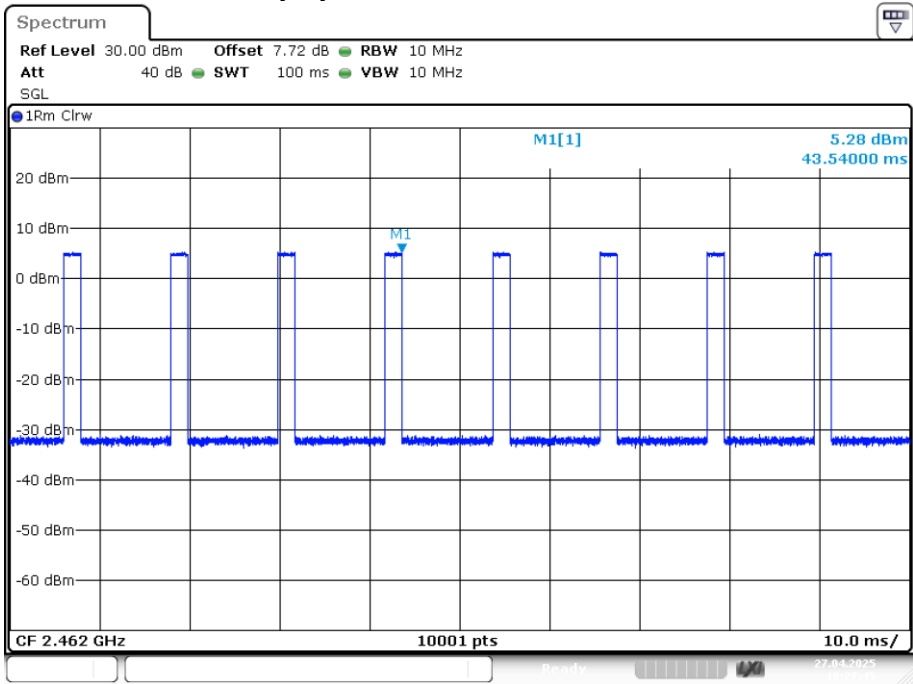
Date: 27.APR.2025 18:21:55

Duty Cycle NVNT n20 2437MHz Ant1



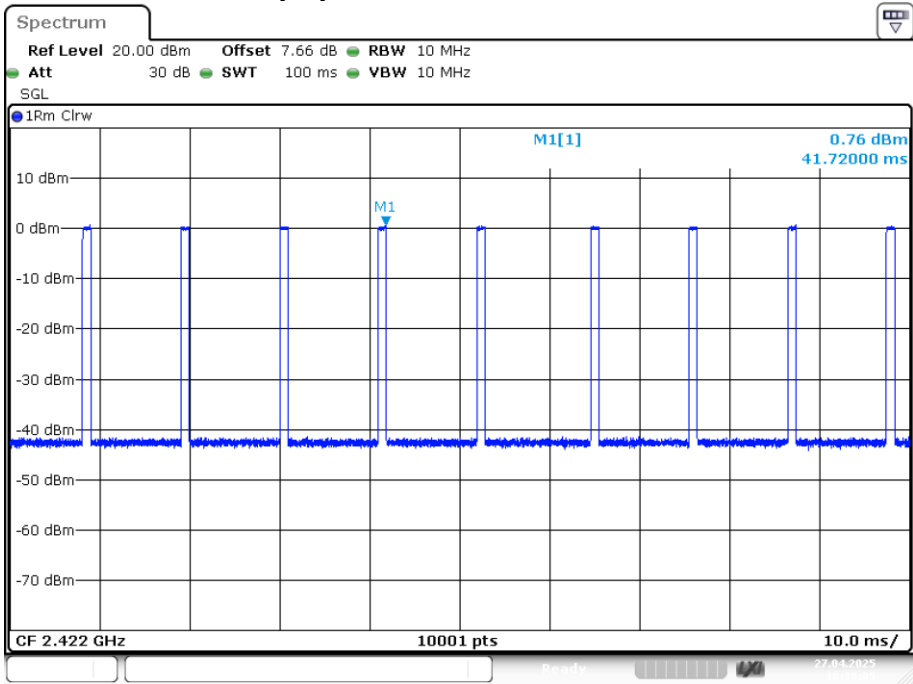
Date: 27.APR.2025 18:23:59

Duty Cycle NVNT n20 2462MHz Ant1



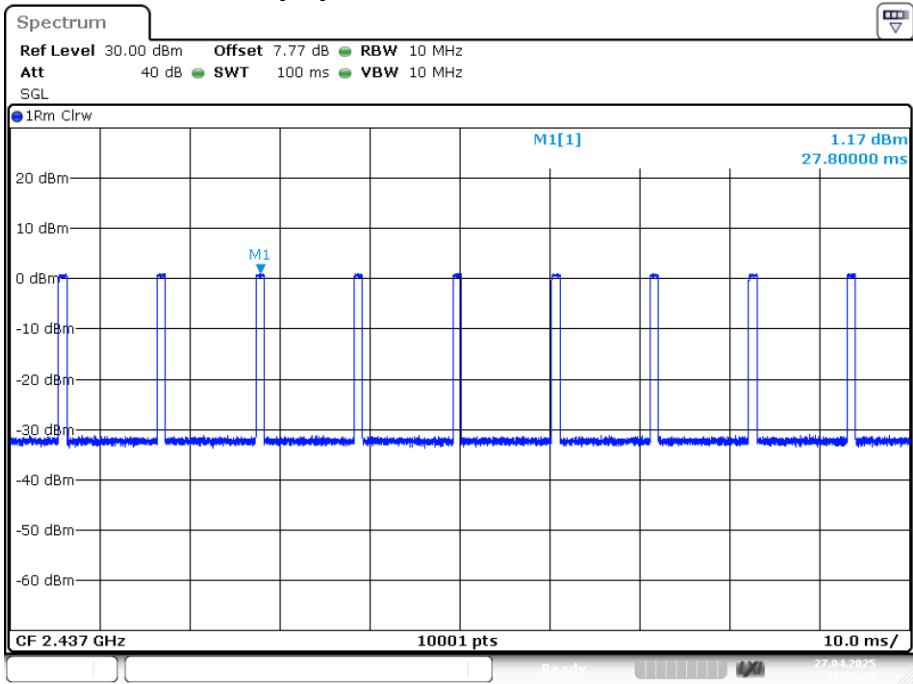
Date: 27.APR.2025 18:27:46

Duty Cycle NVNT n40 2422MHz Ant1



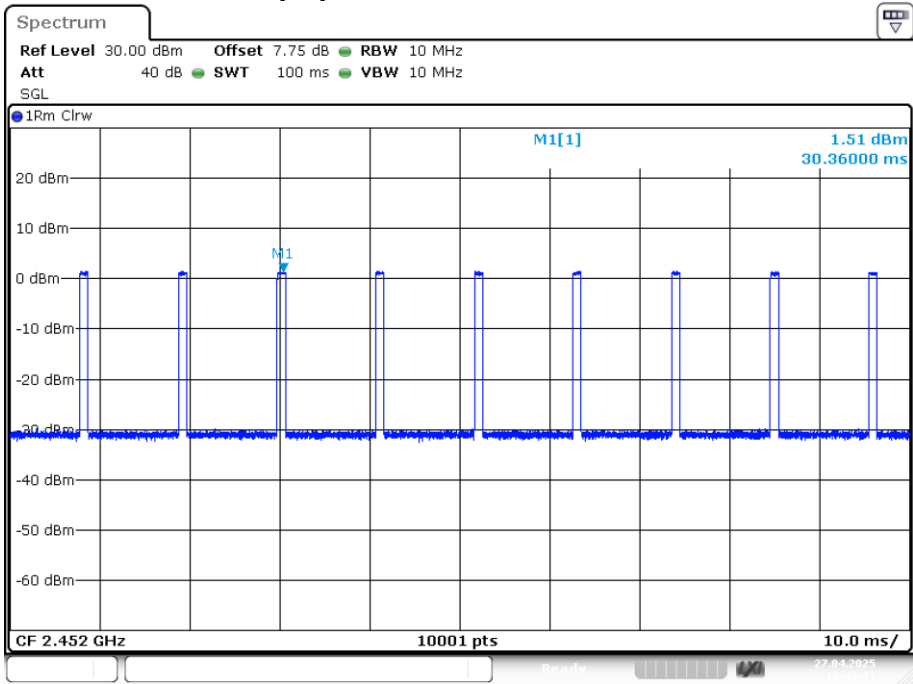
Date: 27.APR.2025 18:36:05

Duty Cycle NVNT n40 2437MHz Ant1



Date: 27.APR.2025 18:38:20

Duty Cycle NVNT n40 2452MHz Ant1



Date: 27.APR.2025 18:43:31

12. ANTENNA REQUIREMENT

12.1. 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.

12.2. Antenna Connected Construction

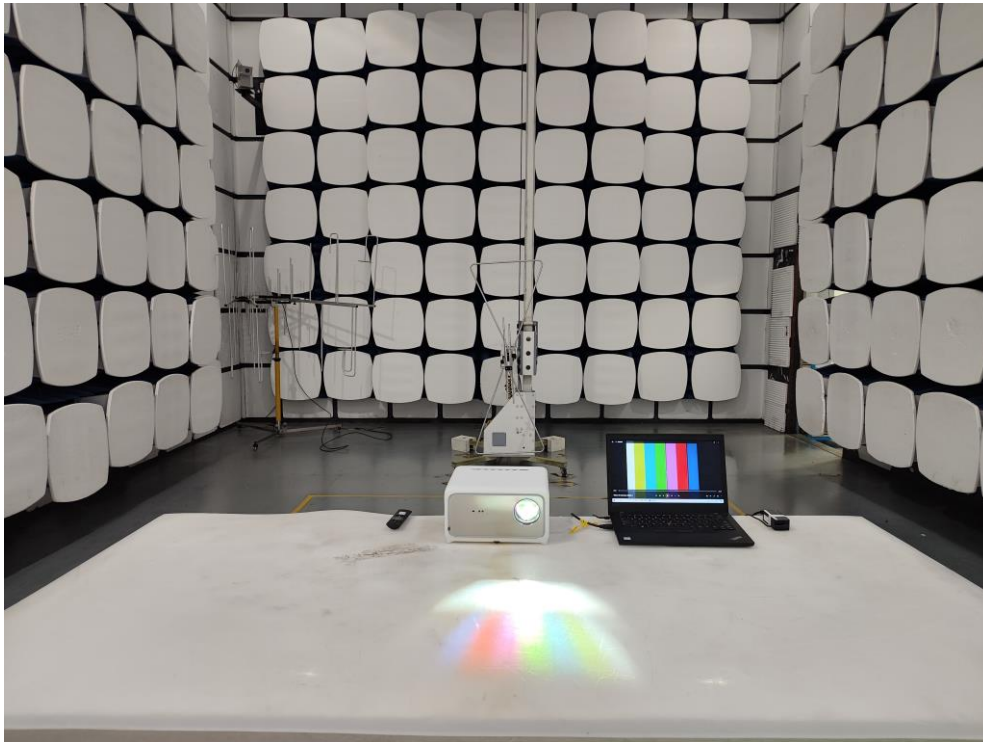
The antenna connector is unique antenna and no consideration of replacement. Please see EUT photo for details.

12.3. Results

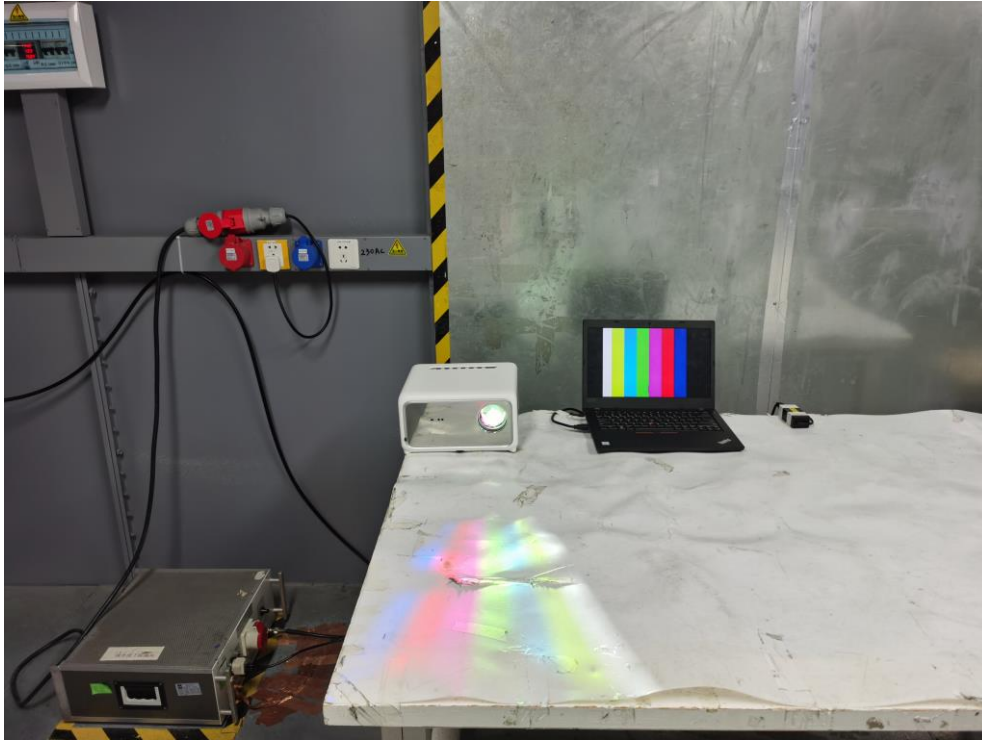
The EUT antenna is integrated antenna. It complies with the standard requirement.

13. TEST SETUP PHOTO

13.1. Photos of Radiated emission



13.2.Photos of Conducted Emission test



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