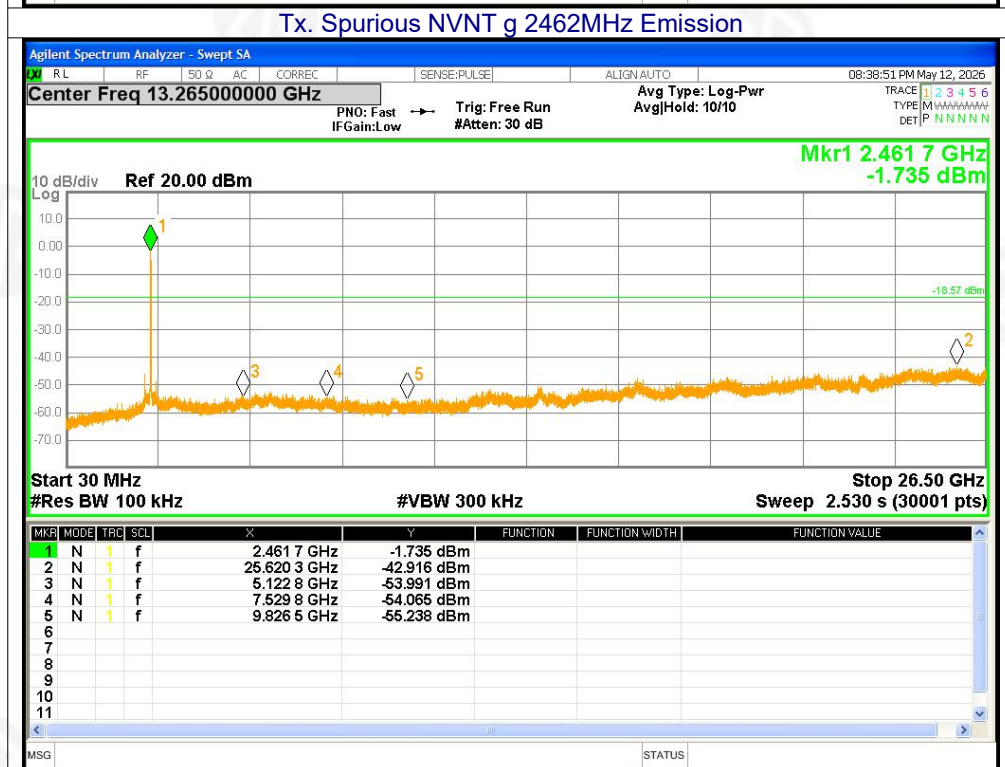
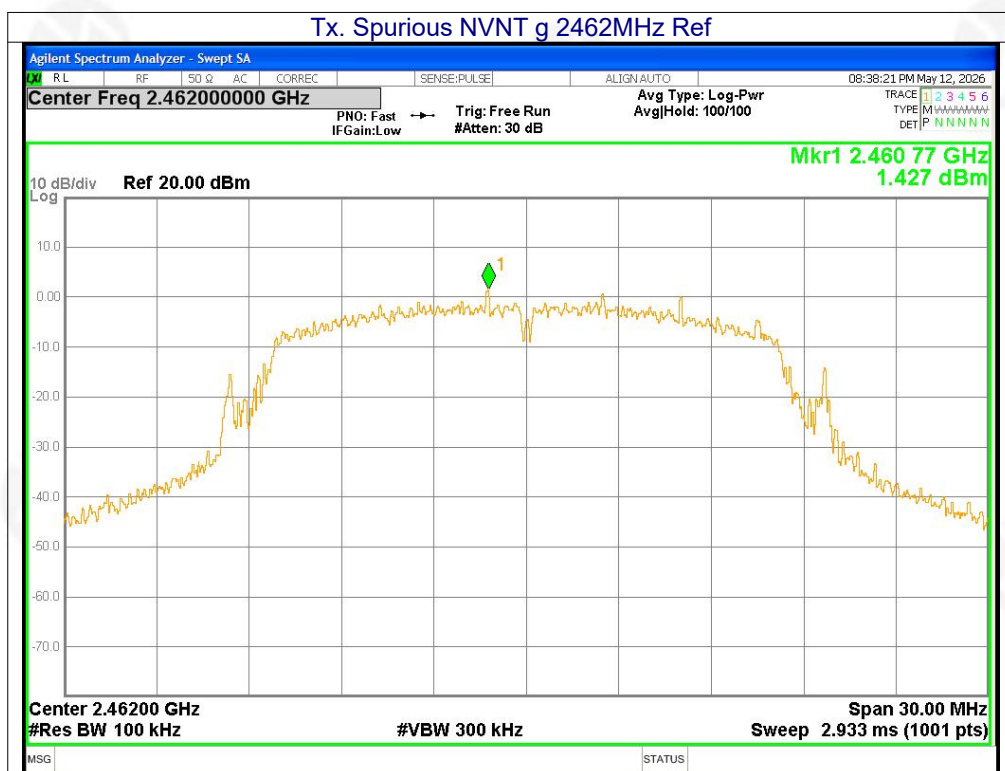
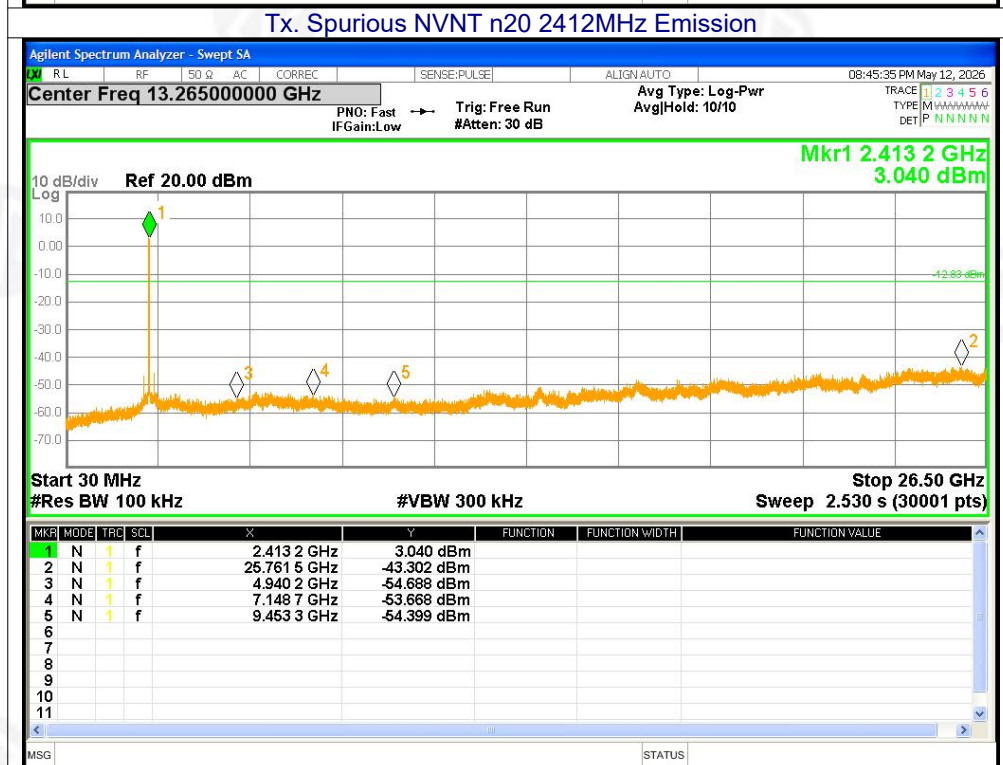
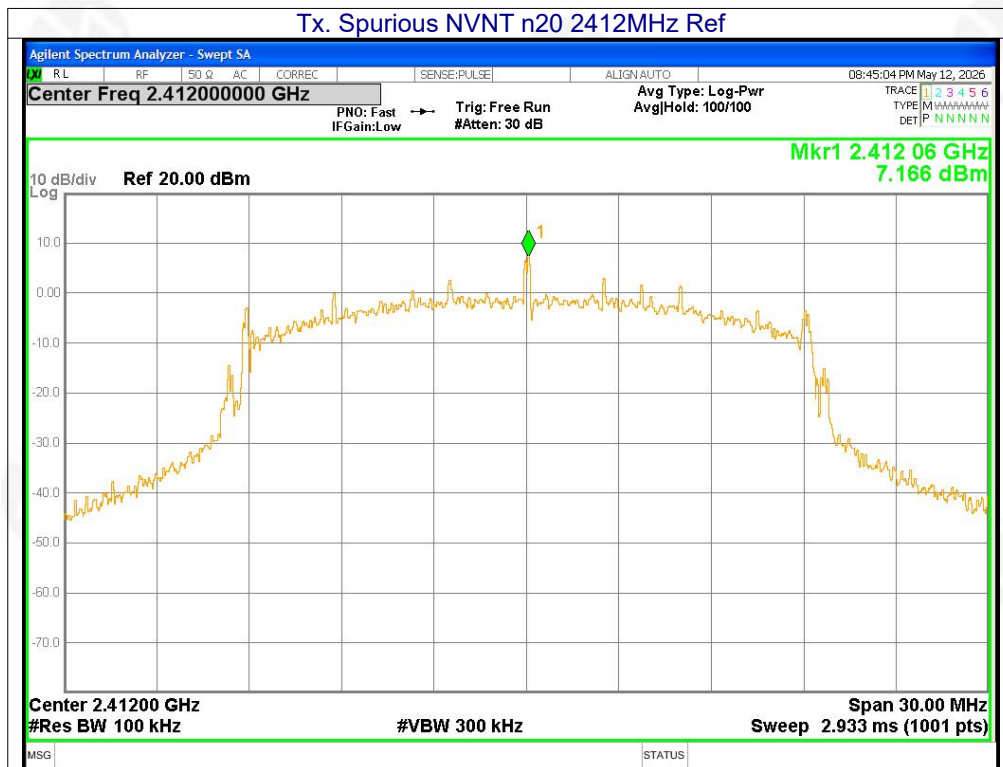
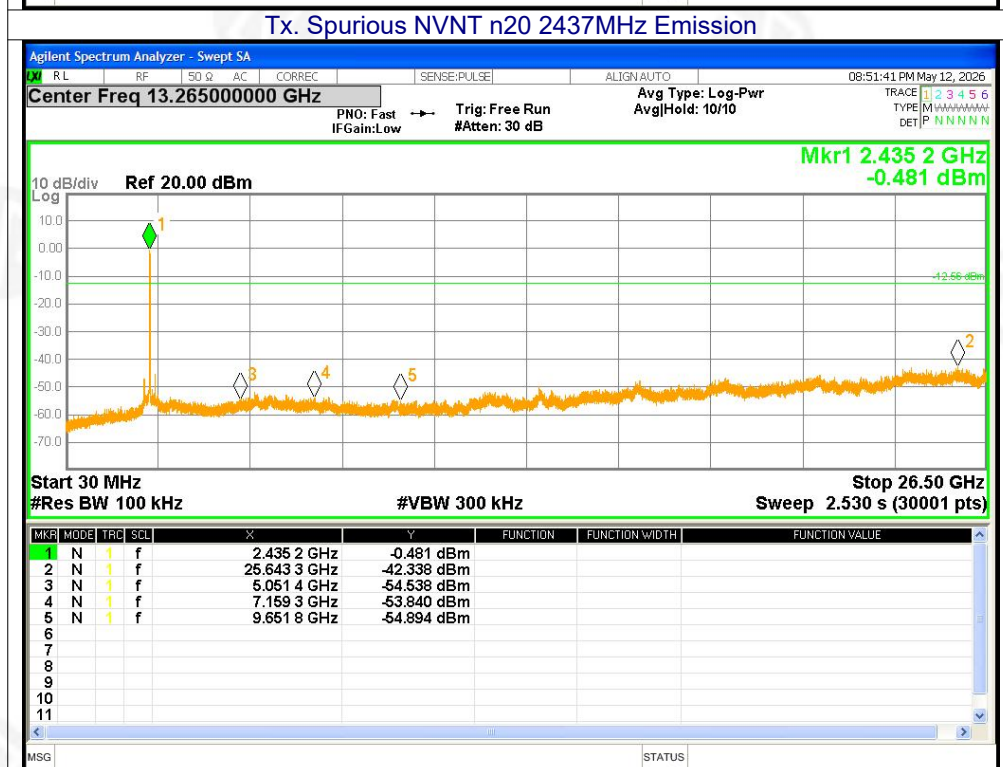
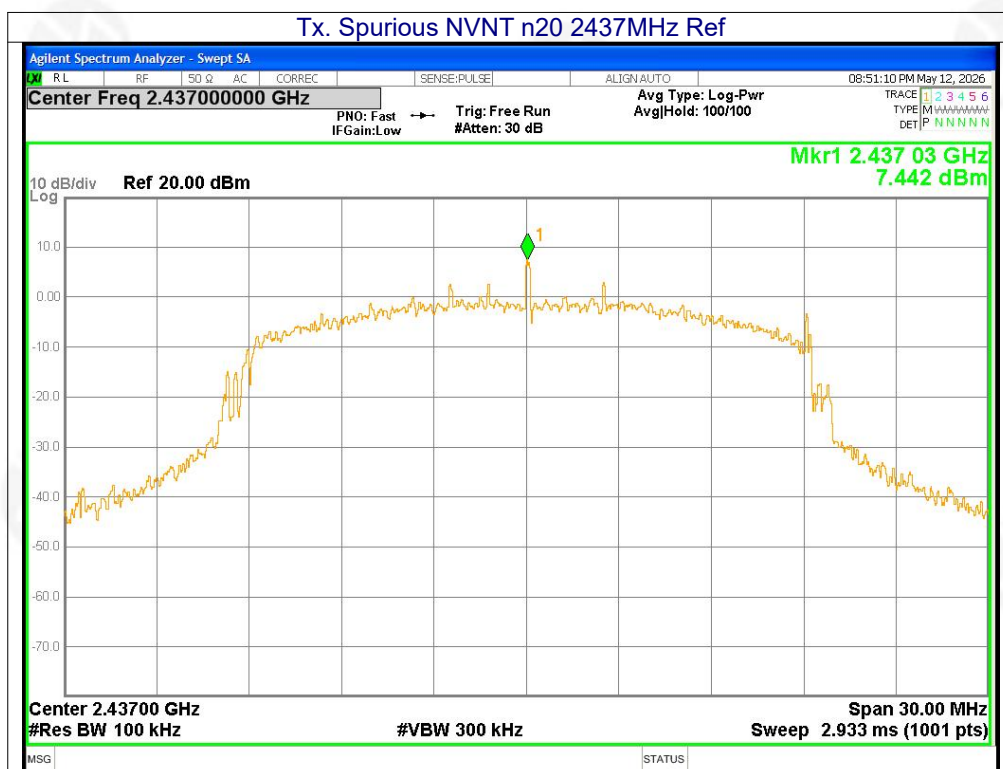
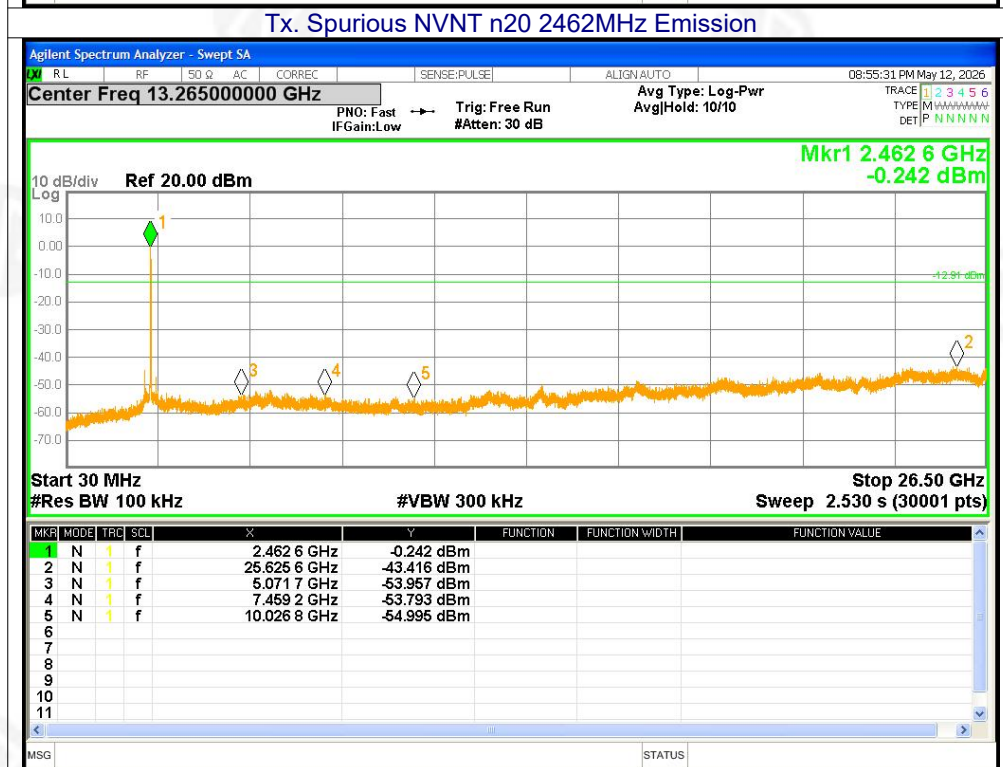
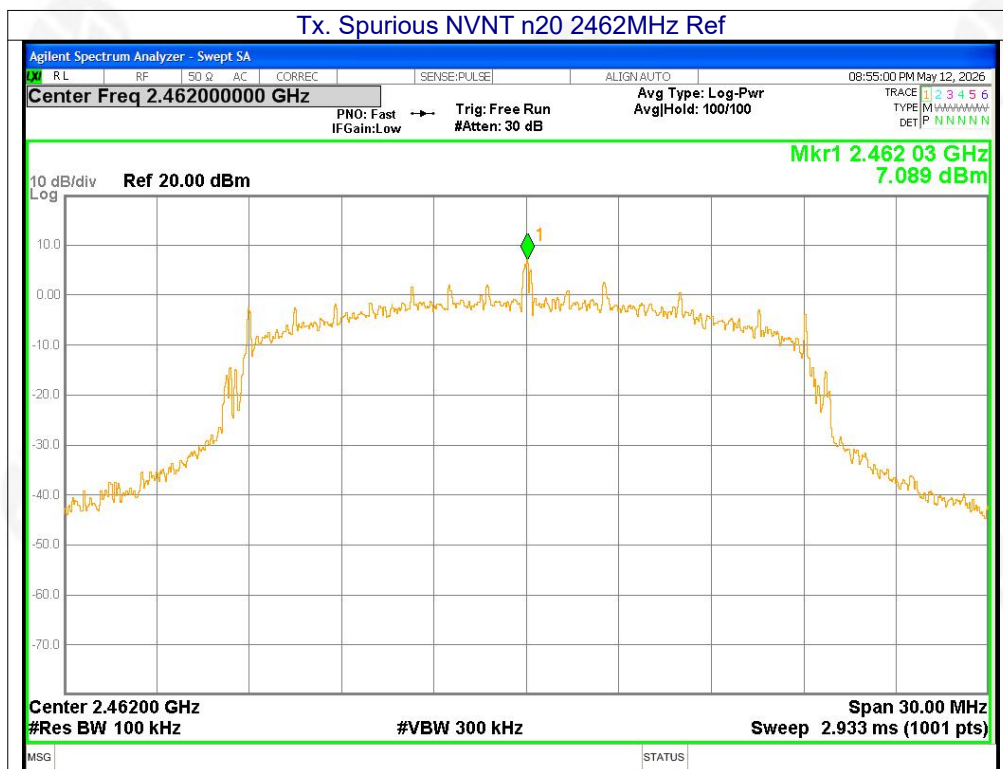
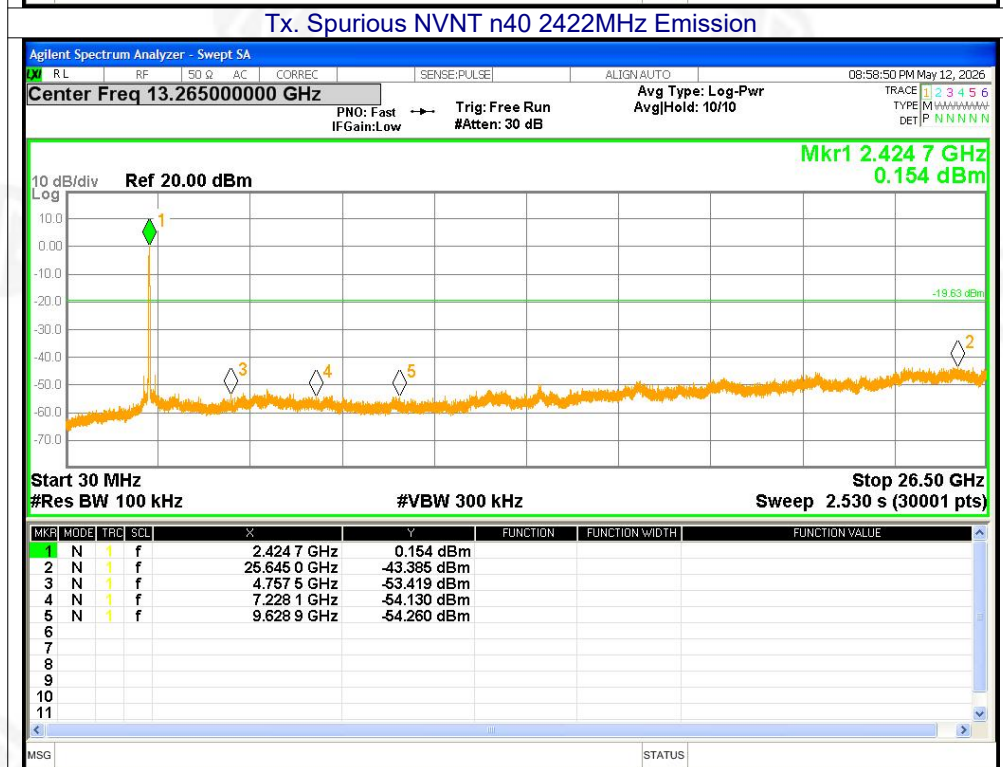
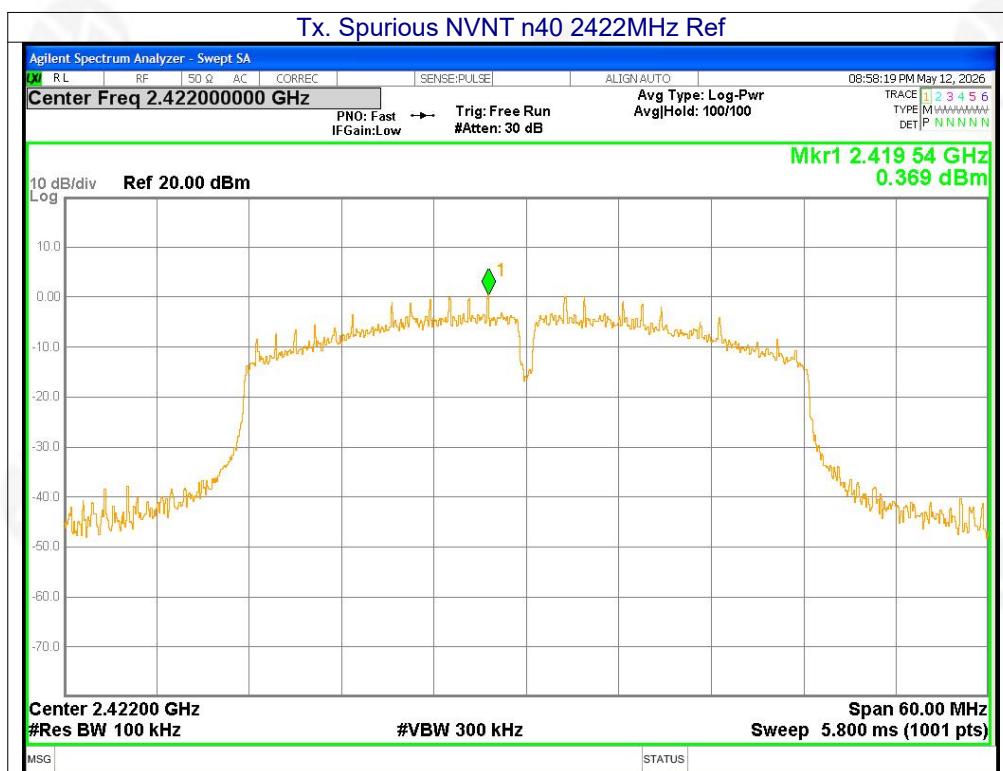


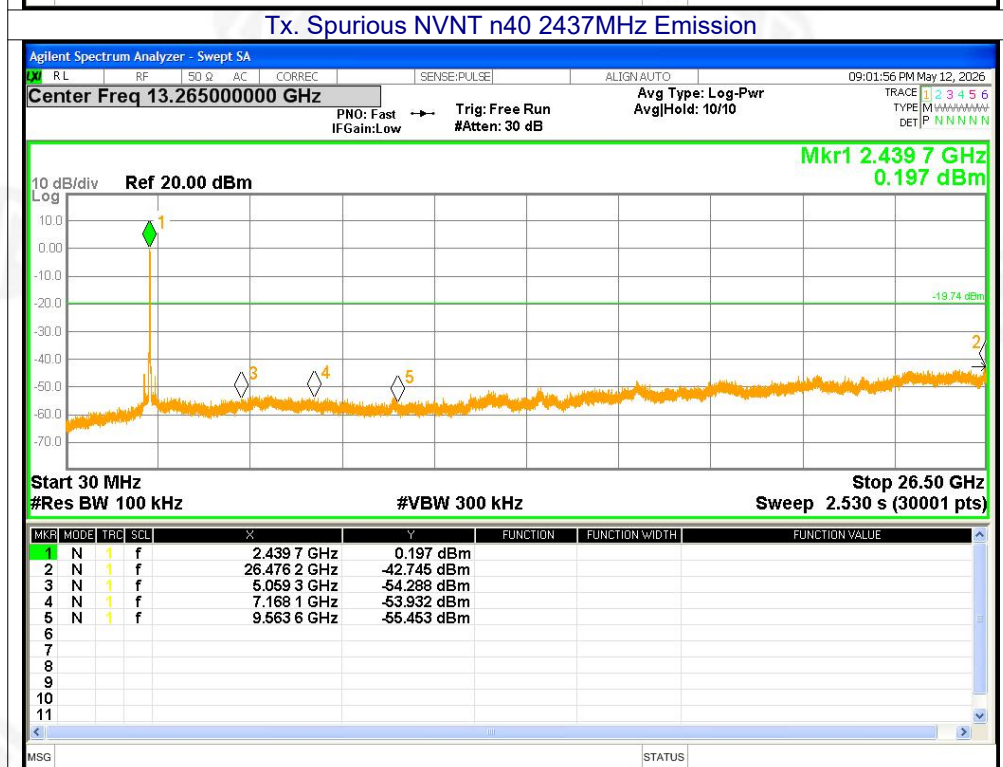
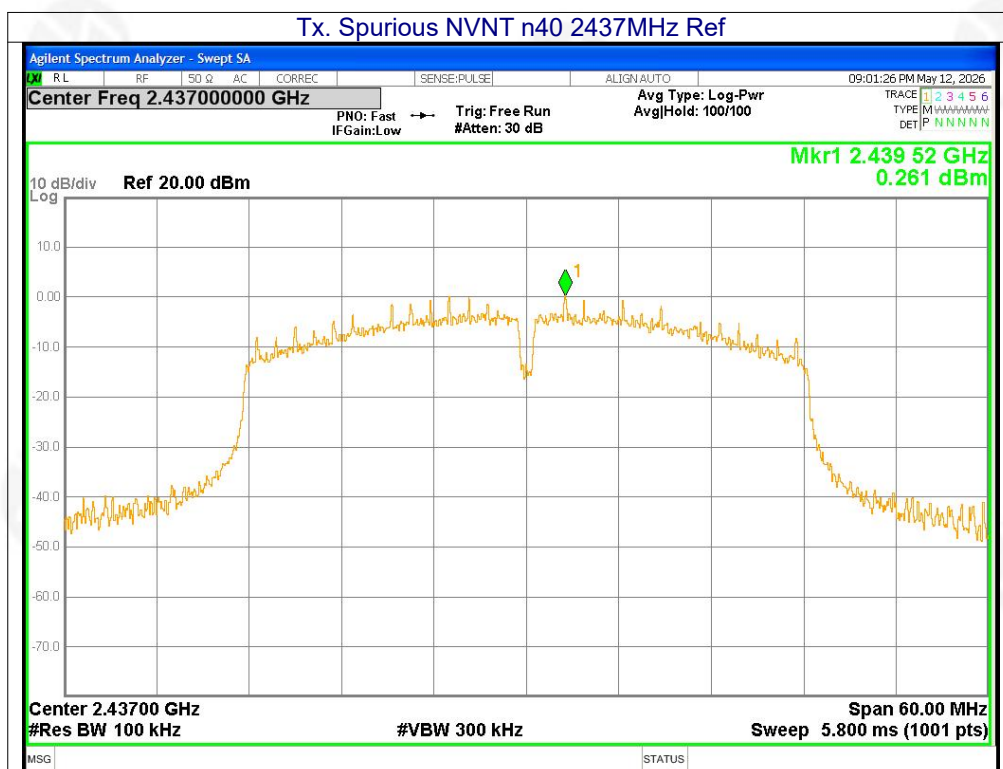


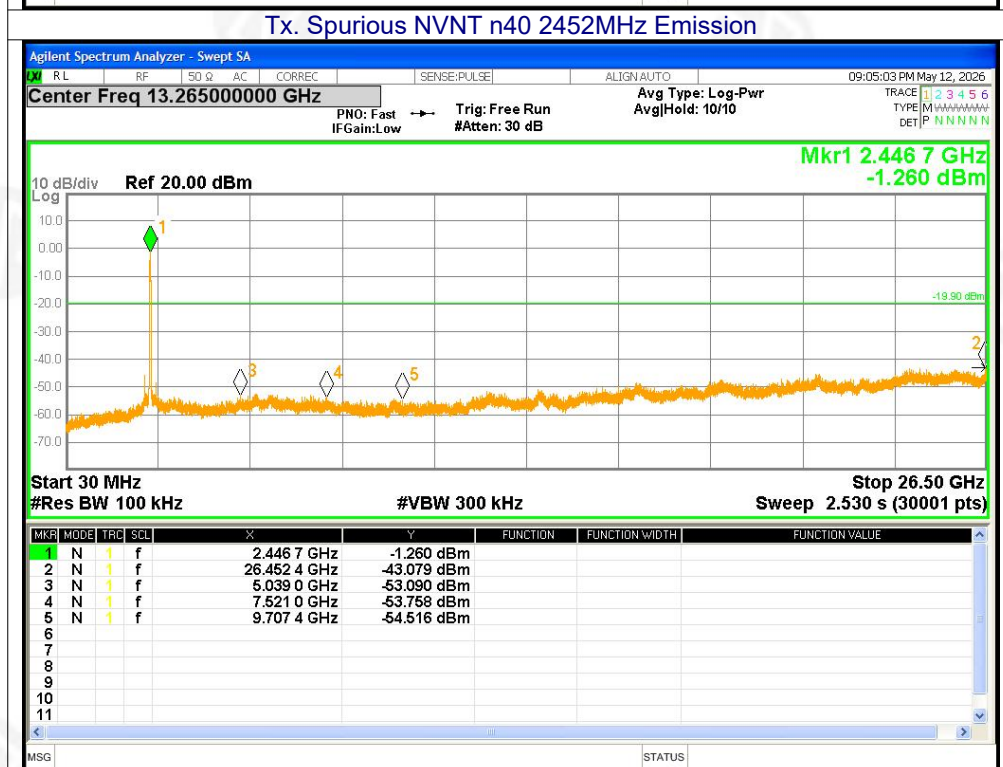
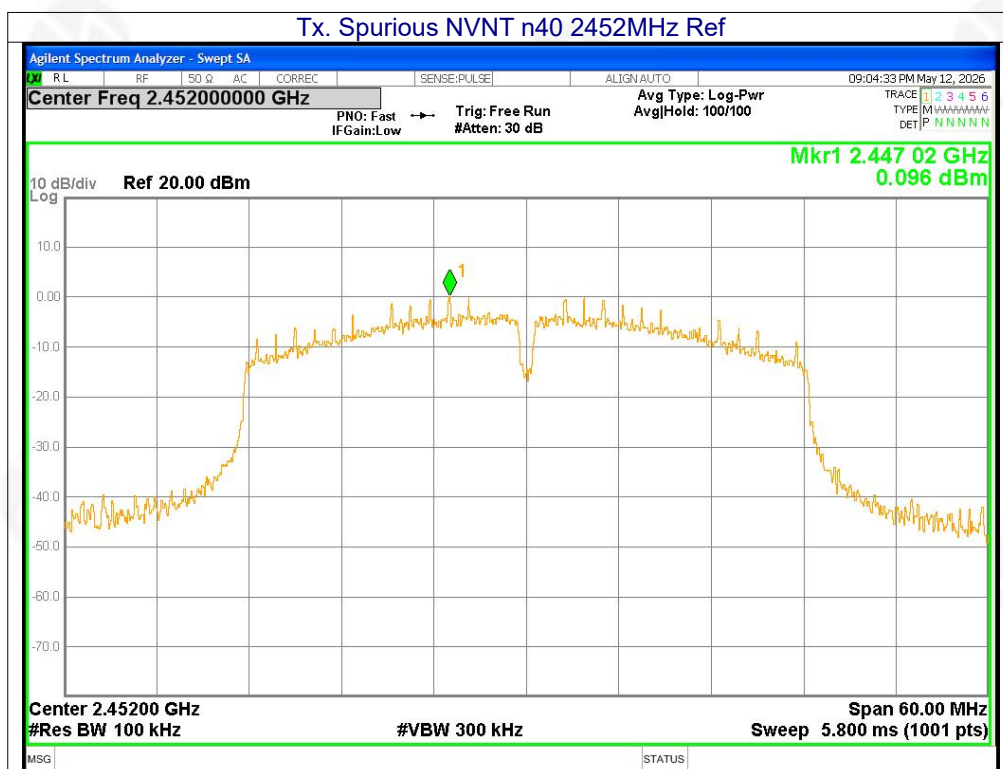






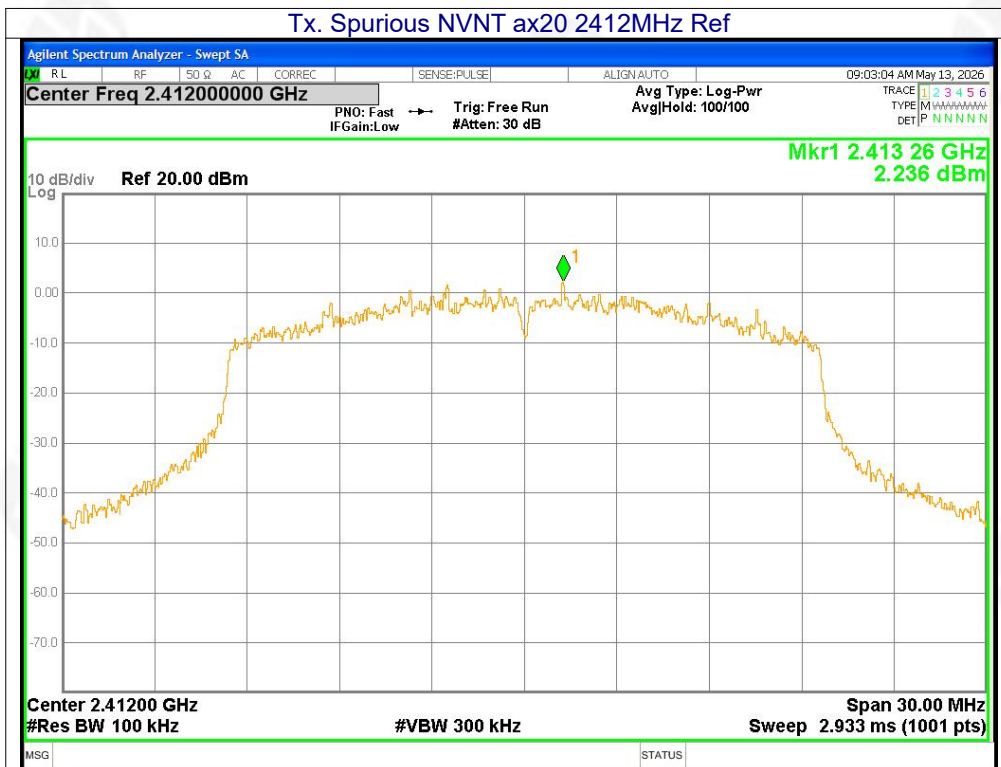




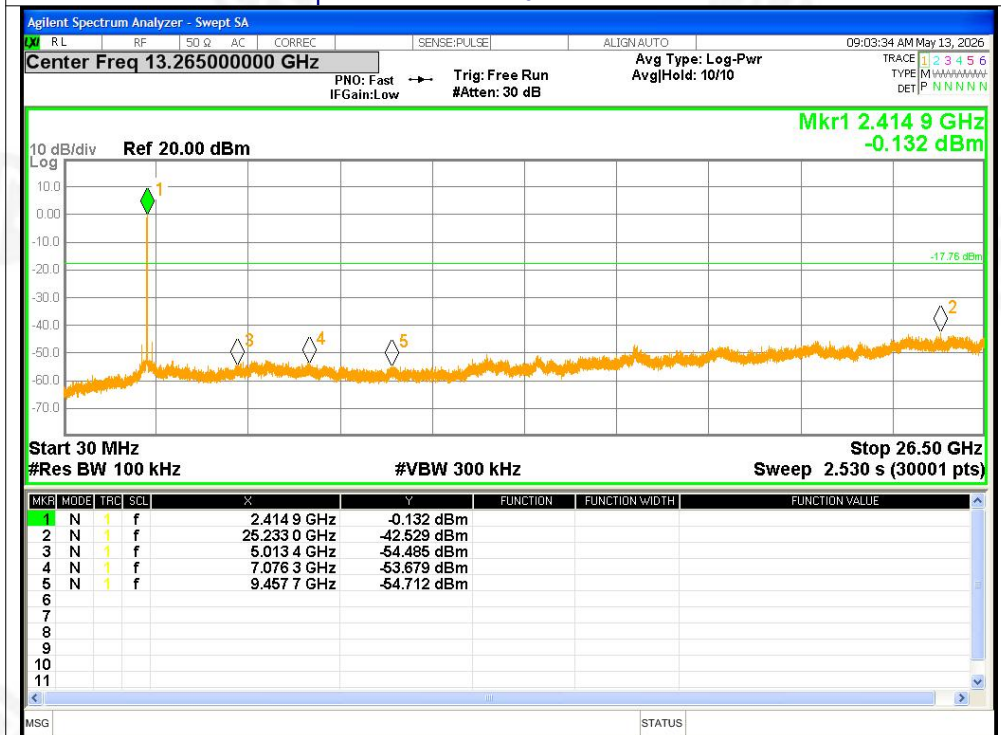


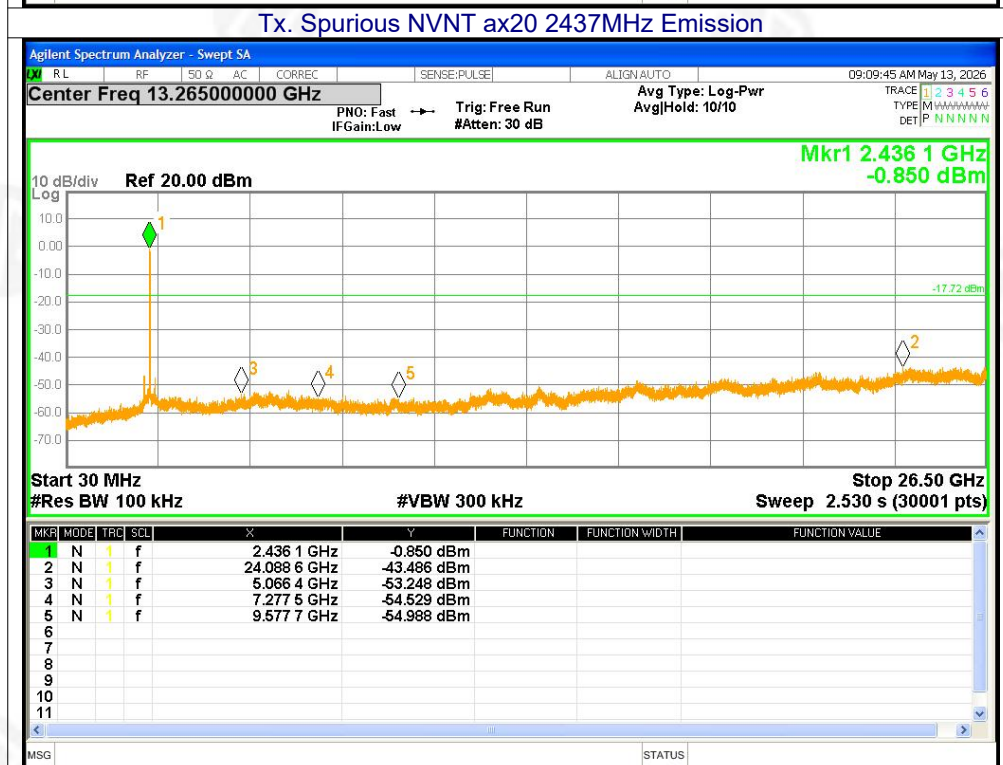
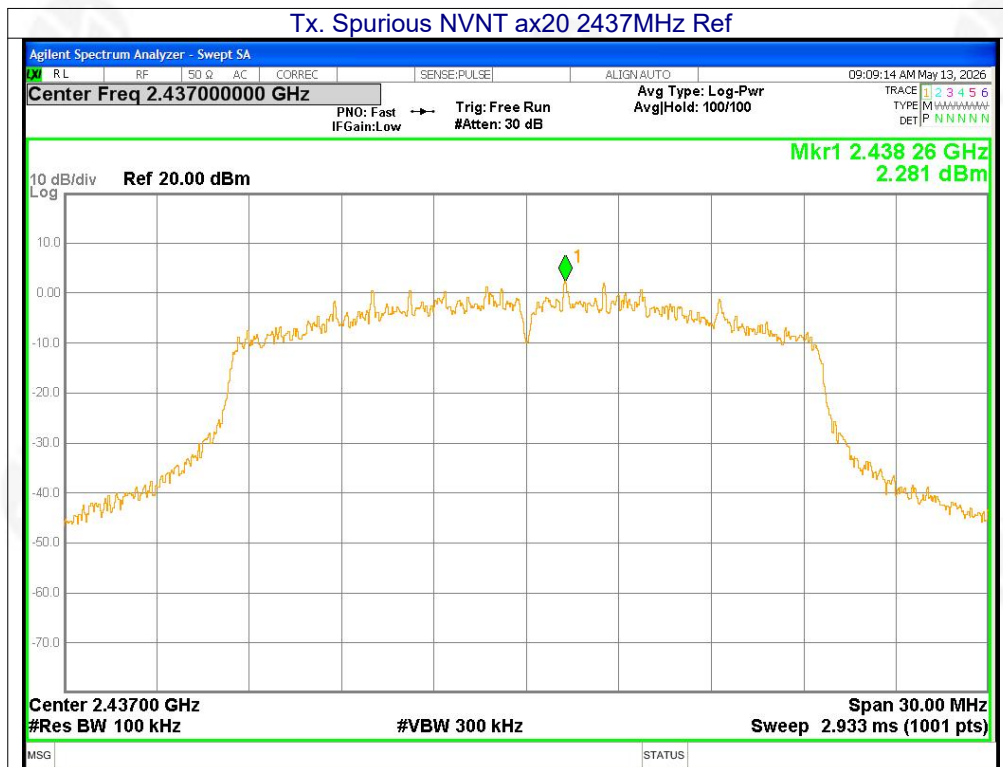


Tx. Spurious NVNT ax20 2412MHz Ref



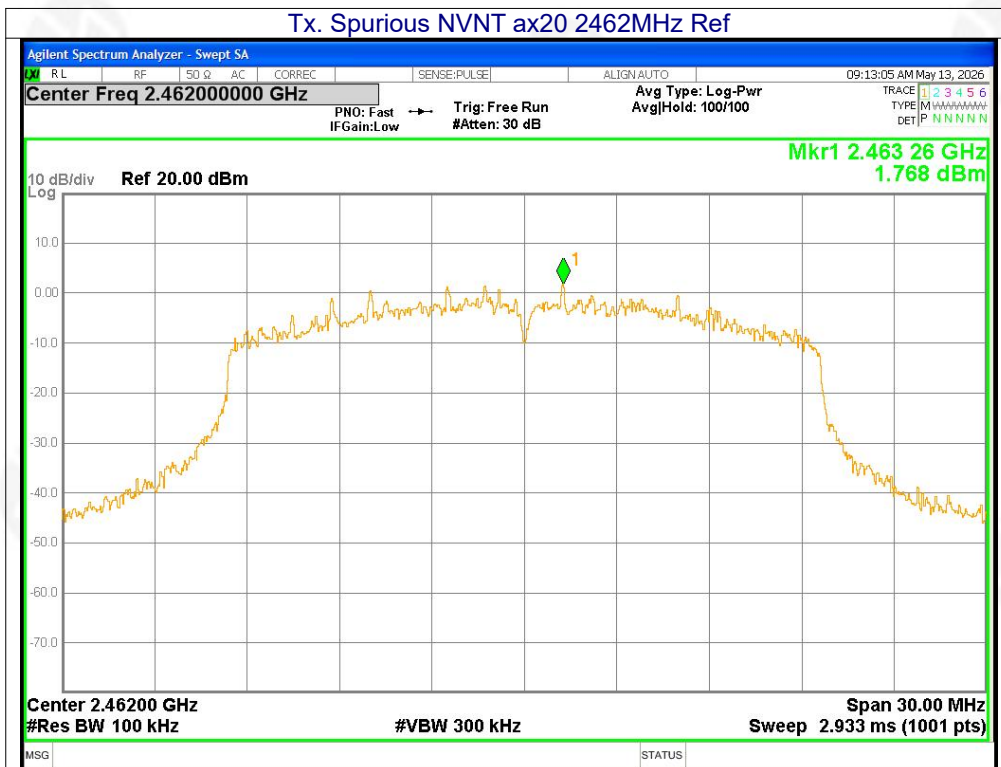
Tx. Spurious NVNT ax20 2412MHz Emission



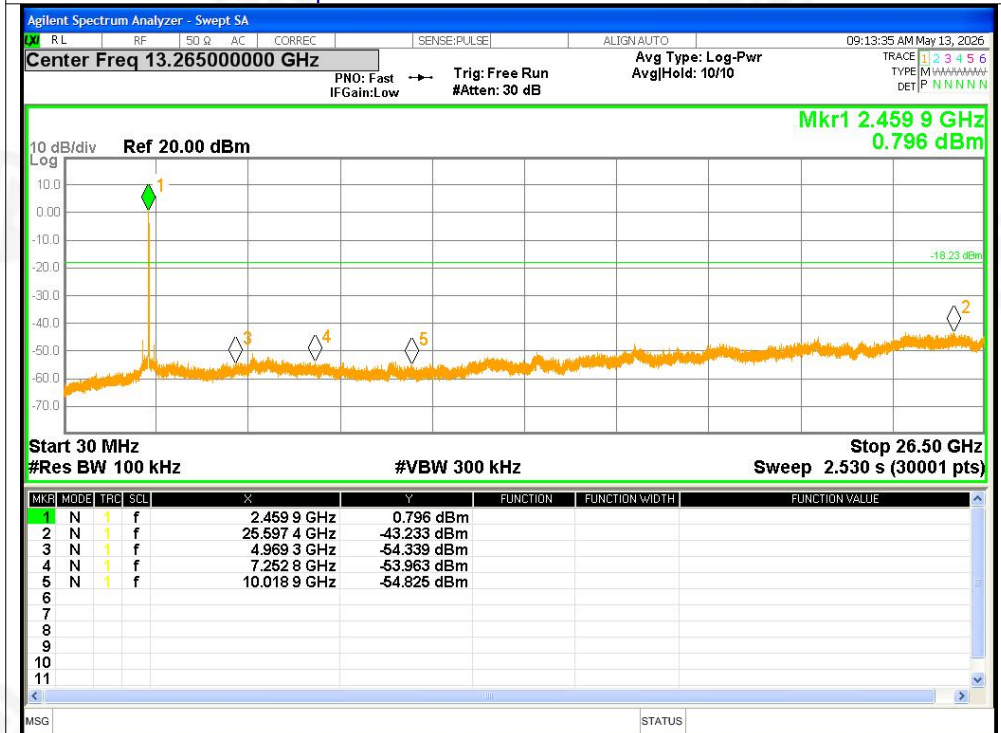




Tx. Spurious NVNT ax20 2462MHz Ref

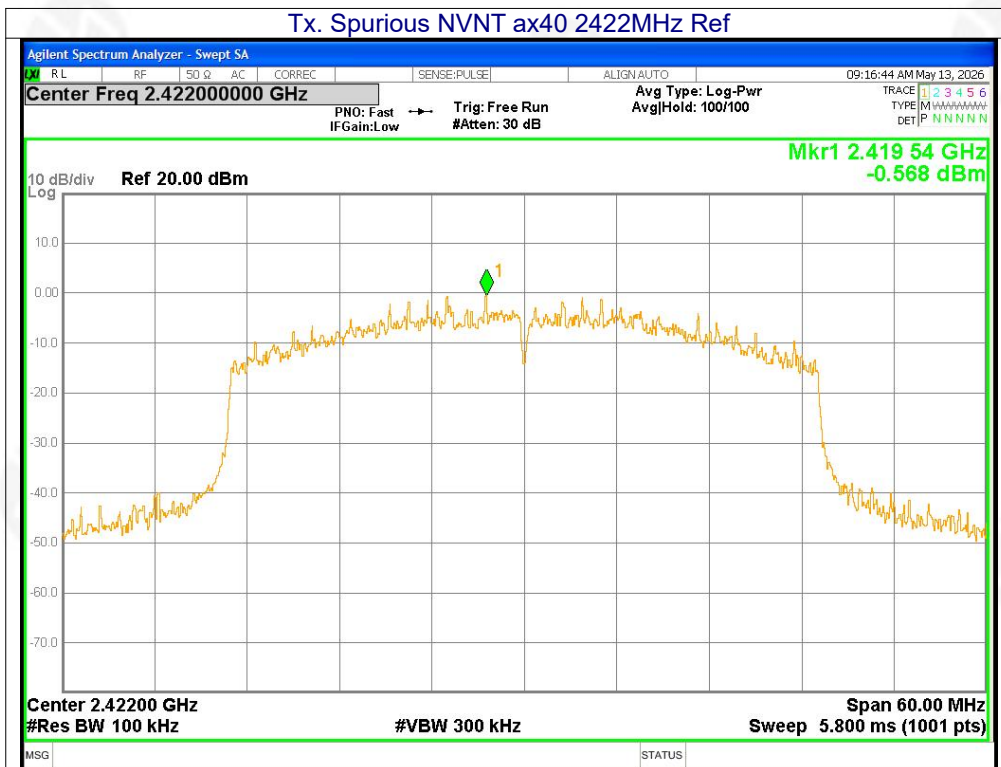


Tx. Spurious NVNT ax20 2462MHz Emission

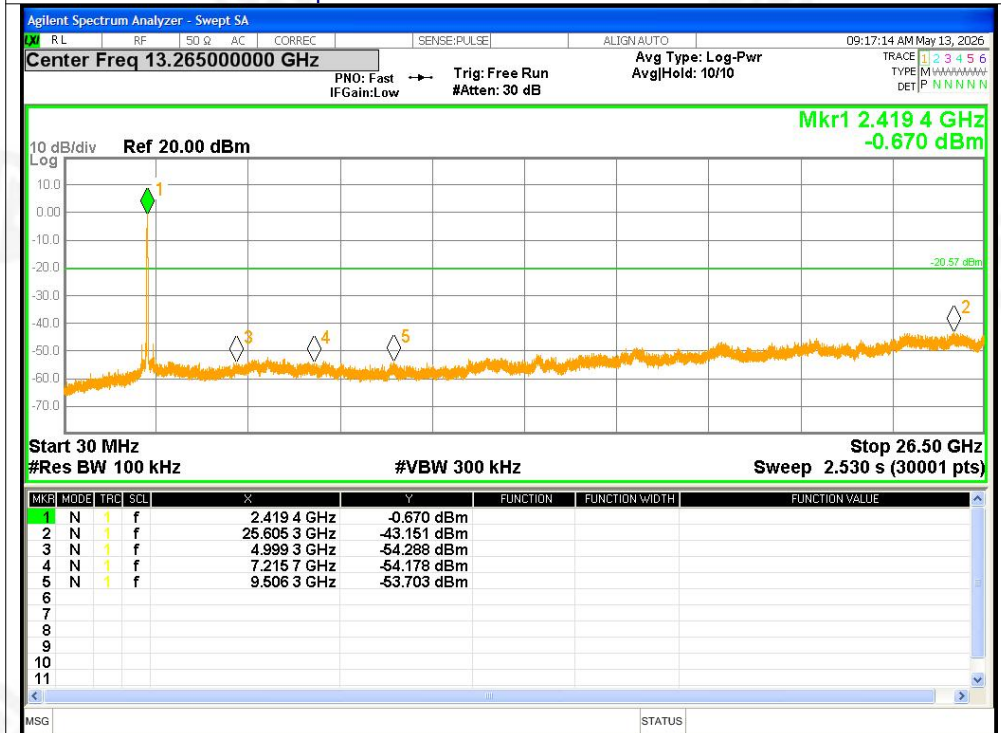




Tx. Spurious NVNT ax40 2422MHz Ref

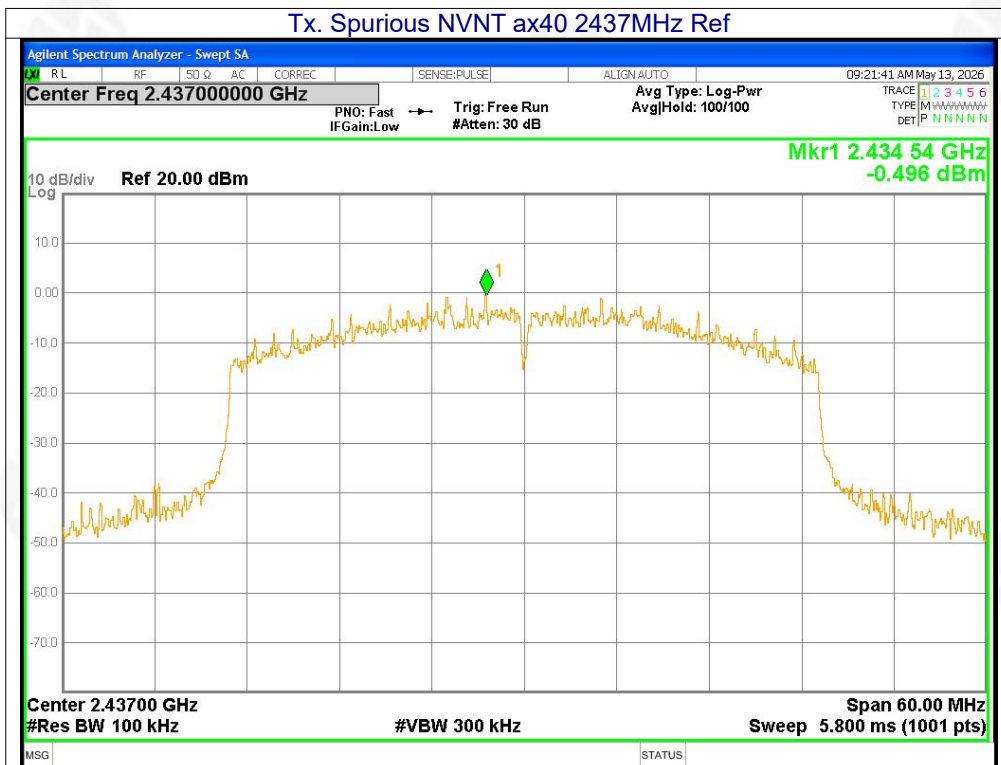


Tx. Spurious NVNT ax40 2422MHz Emission

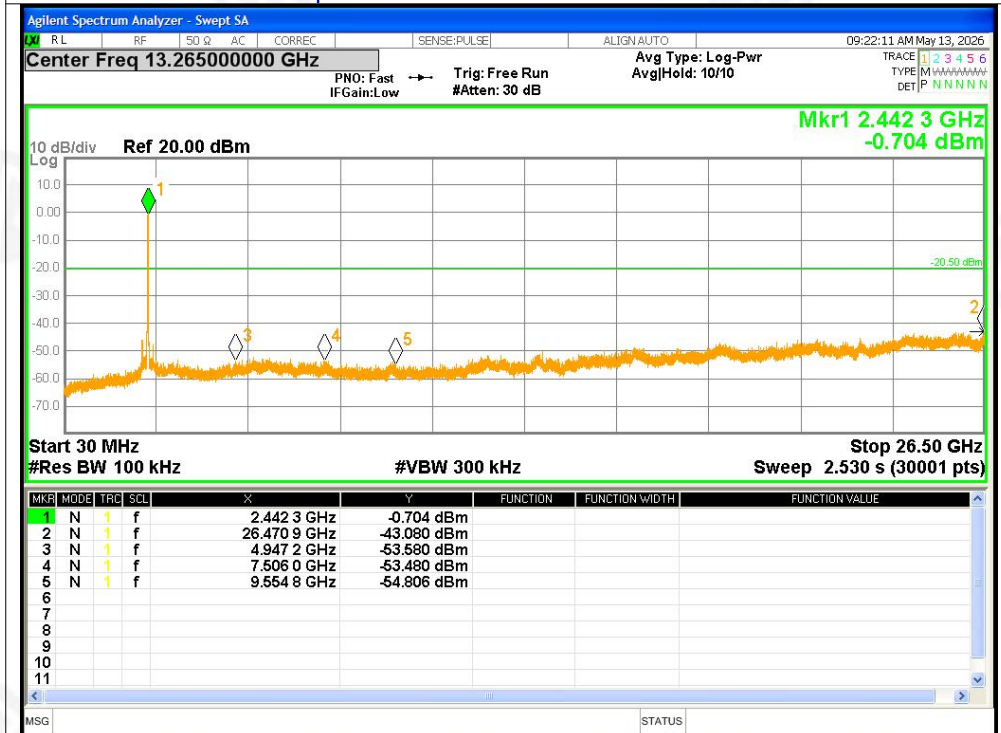


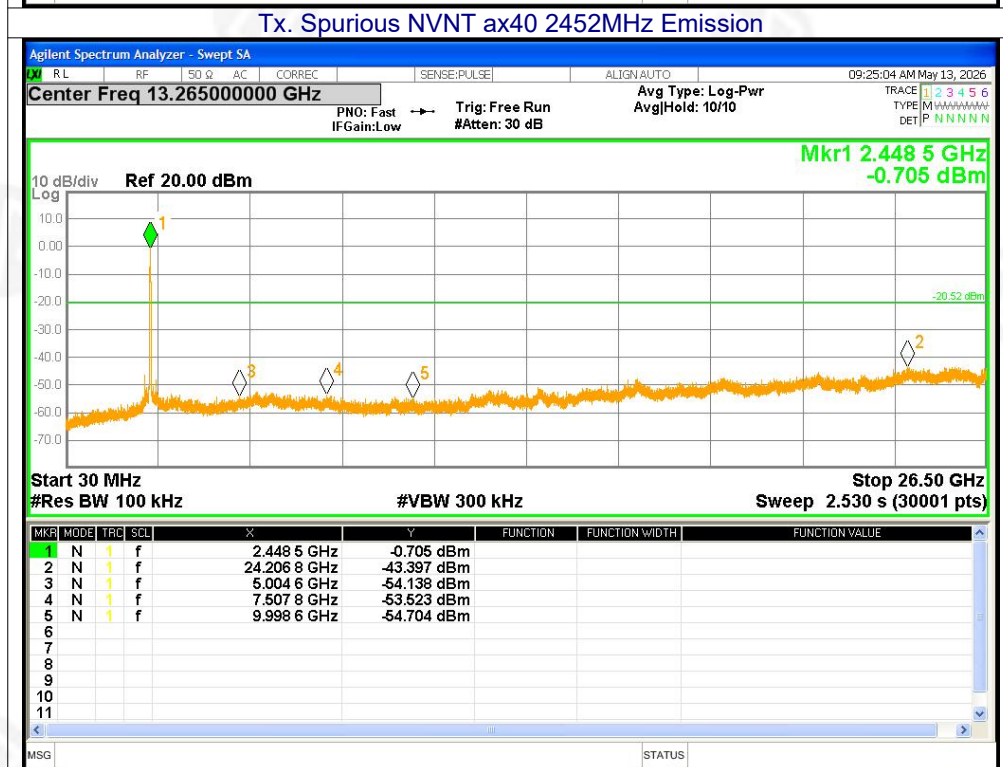
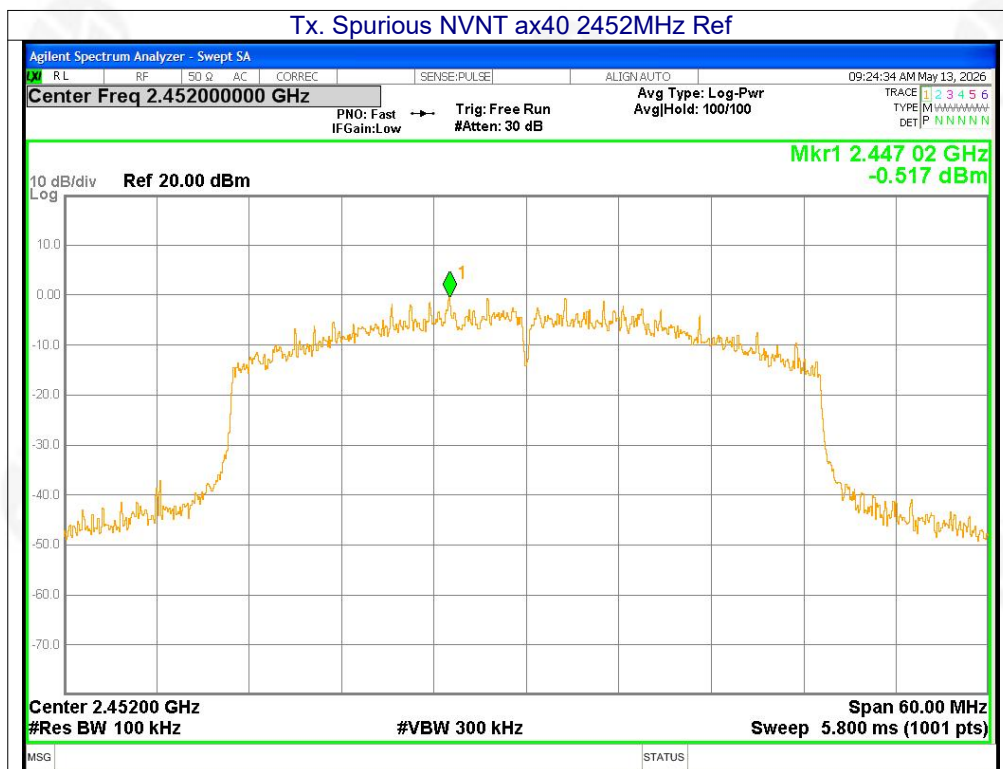


Tx. Spurious NVNT ax40 2437MHz Ref



Tx. Spurious NVNT ax40 2437MHz Emission







10. DUTY CYCLE

Test Method:	ANSI C63.10-2020+Cor 1-2023
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10.1 APPLIED PROCEDURES / LIMIT

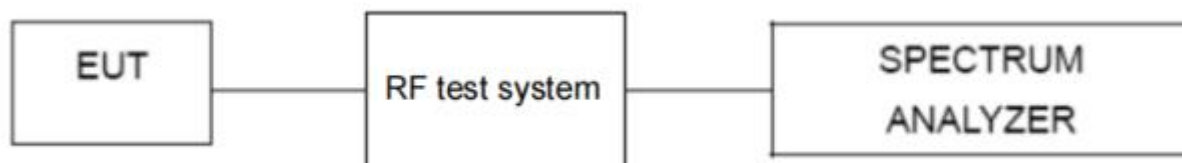
Measurements of duty cycle and transmission duration shall be performed using one of the following techniques:

- a) A diode detector and an oscilloscope that together have a sufficiently short response time to permit accurate measurements of the ON and OFF times of the transmitted signal.
- b) 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:
 - 1) Set the center frequency of the instrument to the center frequency of the transmission.
 - 2) Set $RBW \geq OBW$ if possible; otherwise, set RBW to the largest available value.
 - 3) Set $VBW \geq RBW$. Set detector = peak or average.
 - 4) The zero-span measurement method shall not be used unless both RBW and VBW are $> 50/T$ 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 the duty cycle shall not be used if $T \leq 16.7 \mu s$.)

10.2 DEVIATION FROM STANDARD

No deviation.

10.3 TEST SETUP



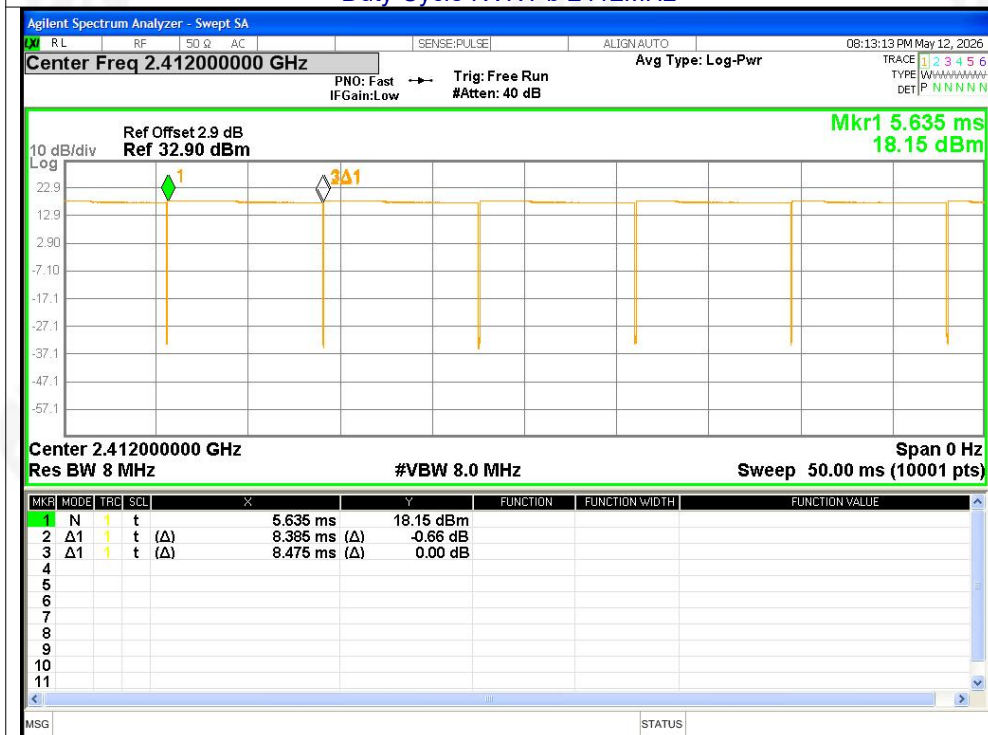


10.4 TEST RESULTS

Condition	Mode	Frequency (MHz)	On Time (ms)	Period (ms)	Duty Cycle (%)	Correction Factor (dB)	1/T (kHz)
NVNT	b	2412	8.385	8.475	98.94	0.05	0.12
NVNT	b	2437	8.385	8.47	99	0.04	0.12
NVNT	b	2462	8.385	8.475	98.94	0.05	0.12
NVNT	g	2412	1.395	1.41	98.94	0.05	0.72
NVNT	g	2437	1.395	1.41	98.94	0.05	0.72
NVNT	g	2462	1.395	1.41	98.94	0.05	0.72
NVNT	n20	2412	1.299	1.317	98.63	0.06	0.77
NVNT	n20	2437	1.302	1.317	98.86	0.05	0.77
NVNT	n20	2462	1.302	1.317	98.86	0.05	0.77
NVNT	n40	2422	0.65	0.658	98.78	0.05	1.54
NVNT	n40	2437	0.65	0.658	98.78	0.05	1.54
NVNT	n40	2452	0.648	0.658	98.48	0.07	1.54
NVNT	ax20	2412	1.068	1.122	95.19	0.21	0.94
NVNT	ax20	2437	1.068	1.122	95.19	0.21	0.94
NVNT	ax20	2462	1.068	1.122	95.19	0.21	0.94
NVNT	ax40	2422	0.564	0.618	91.26	0.4	1.77
NVNT	ax40	2437	0.564	0.616	91.56	0.38	1.77
NVNT	ax40	2452	0.564	0.618	91.26	0.4	1.77



Test Graphs Duty Cycle NVNT b 2412MHz

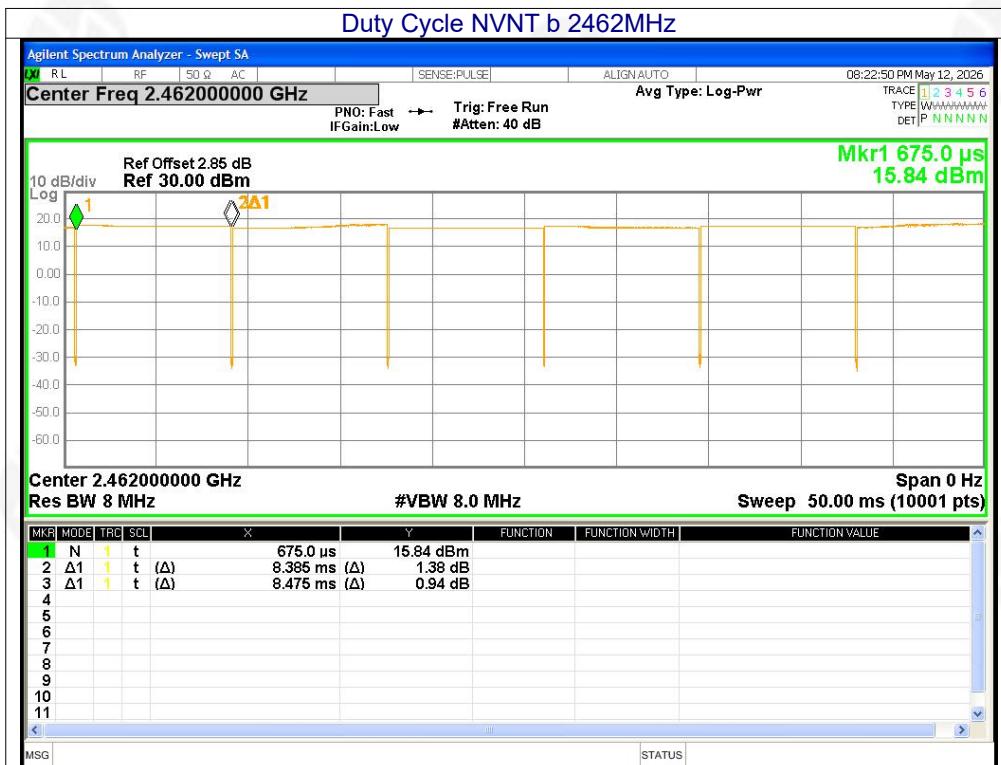


Duty Cycle NVNT b 2437MHz

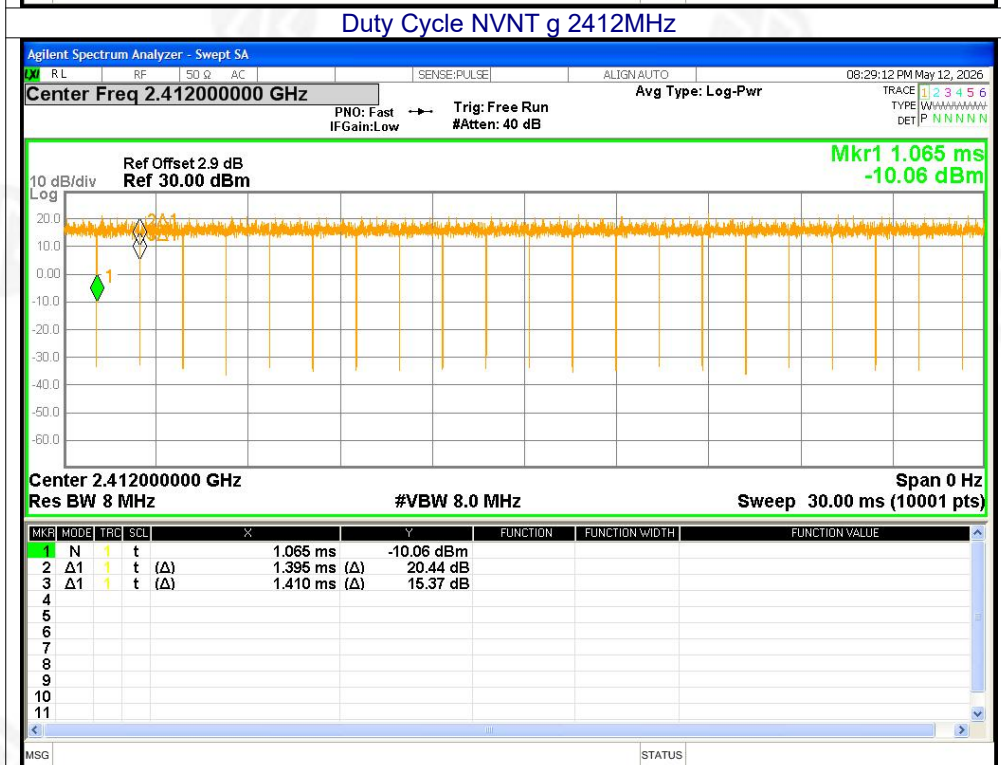




Duty Cycle NVNT b 2462MHz

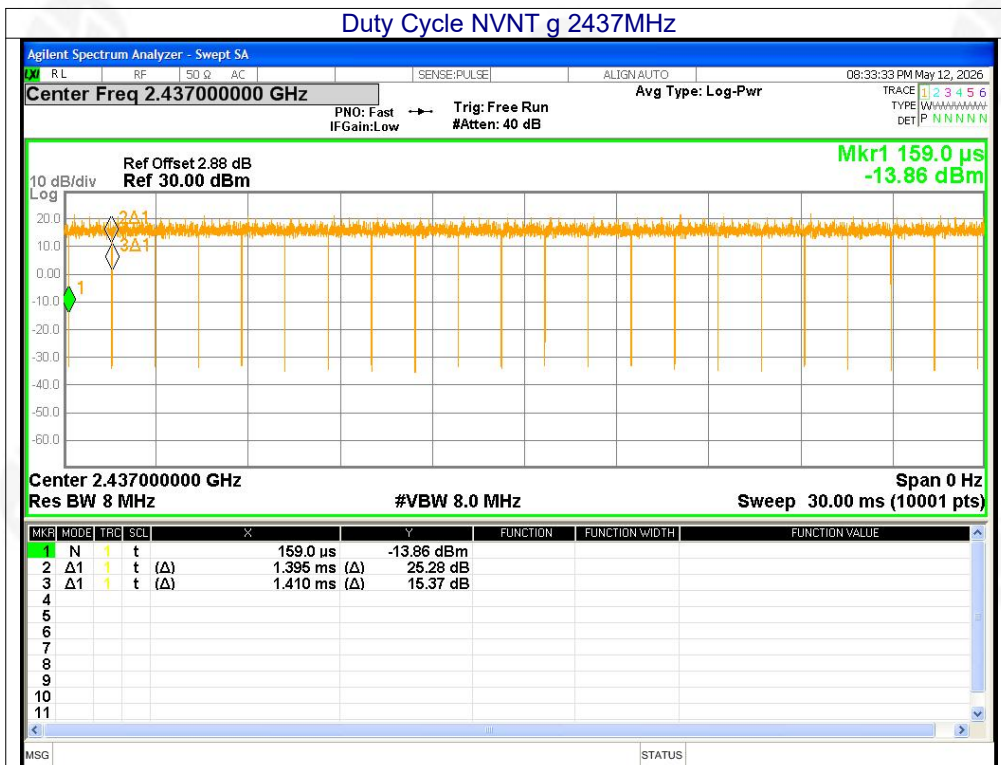


Duty Cycle NVNT g 2412MHz

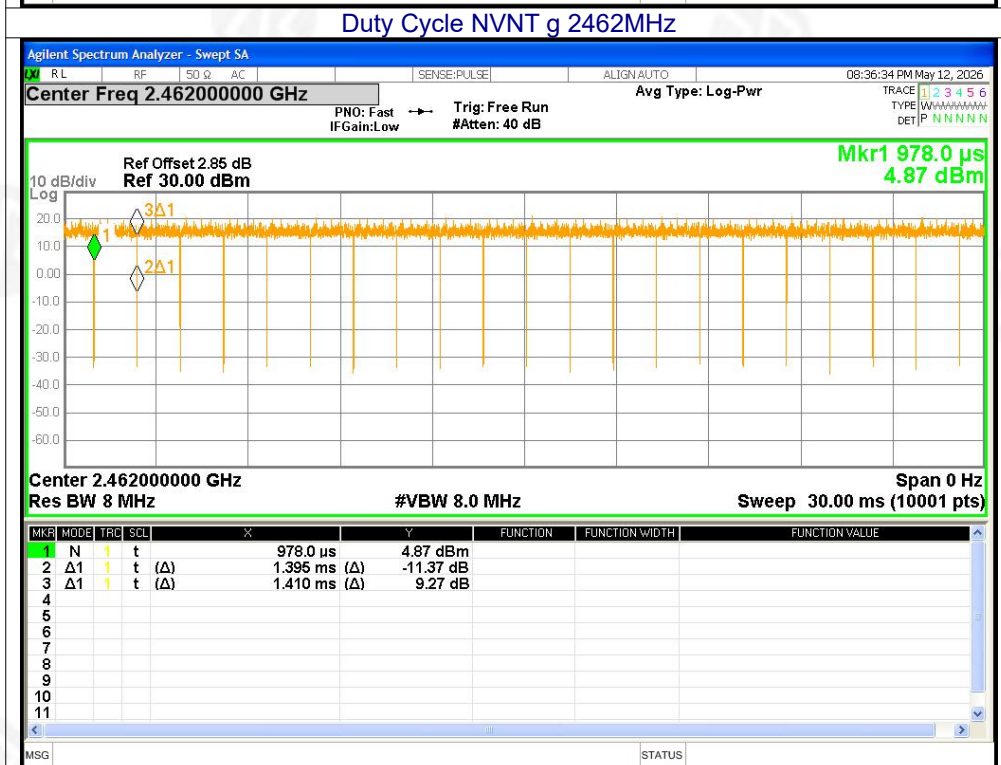


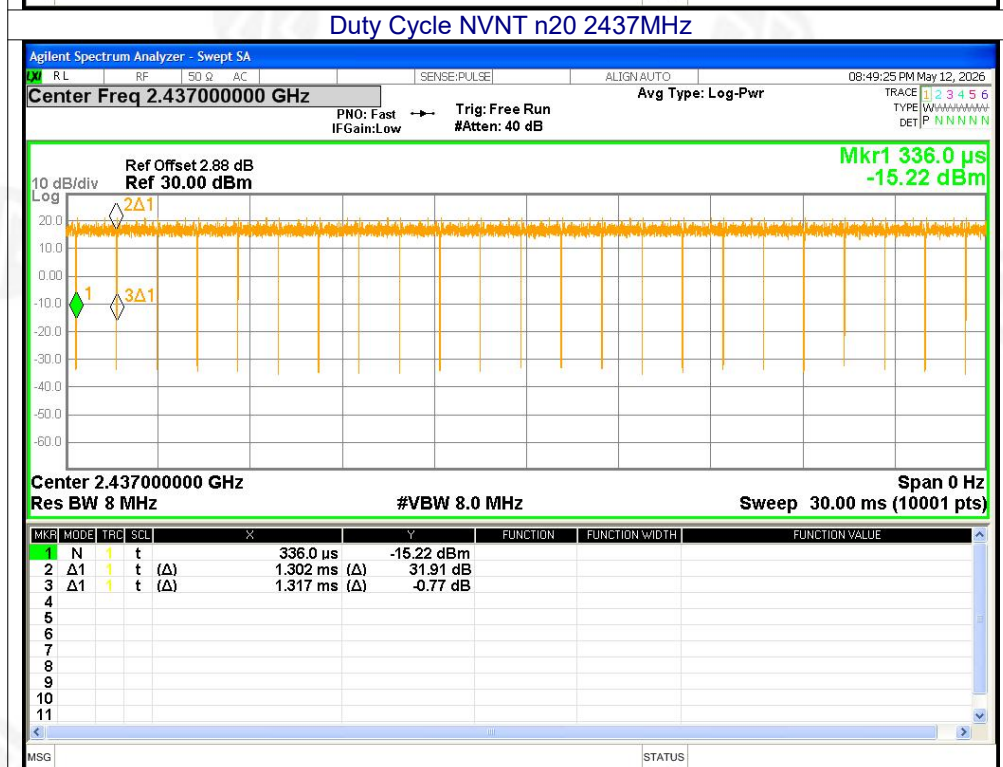
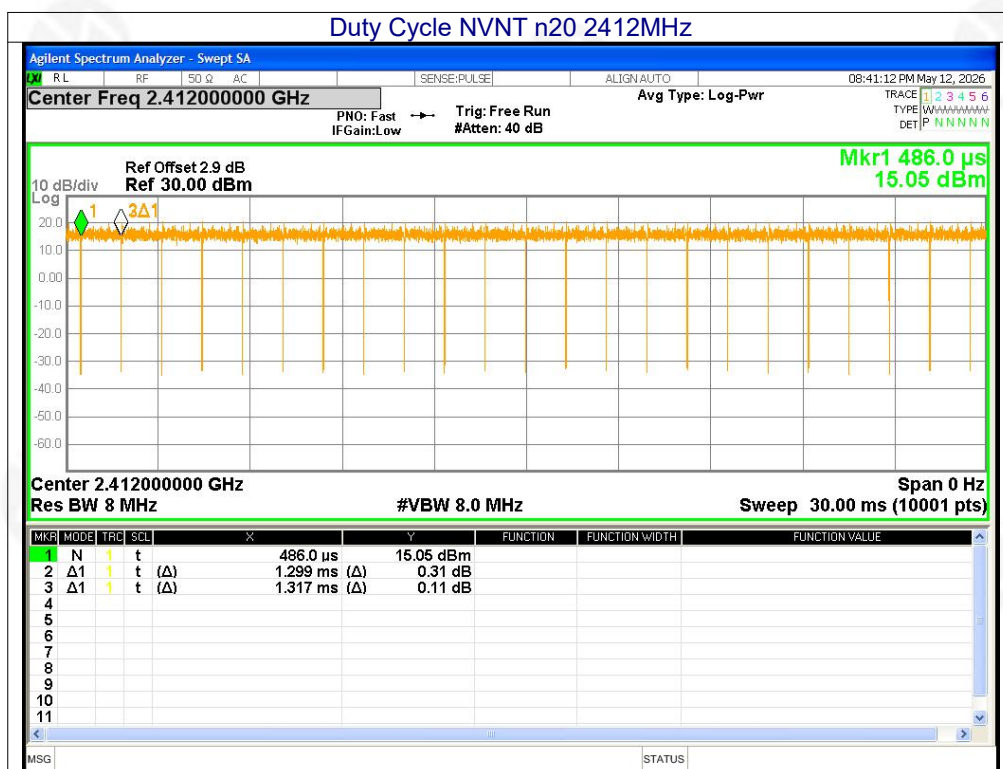


Duty Cycle NVNT g 2437MHz



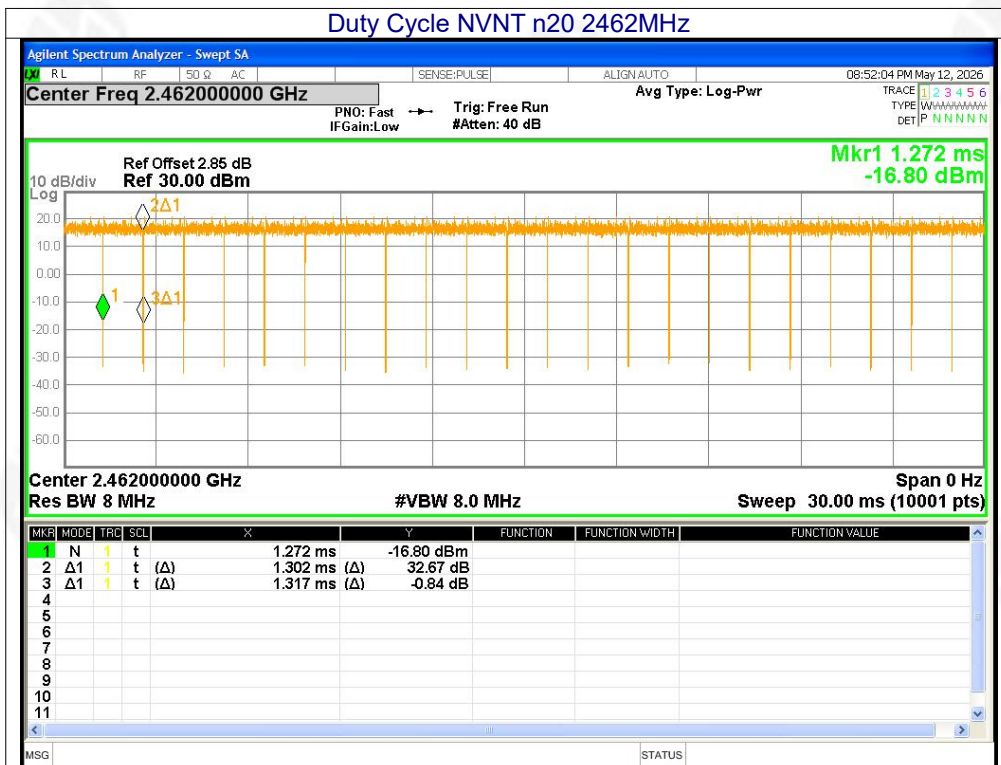
Duty Cycle NVNT g 2462MHz



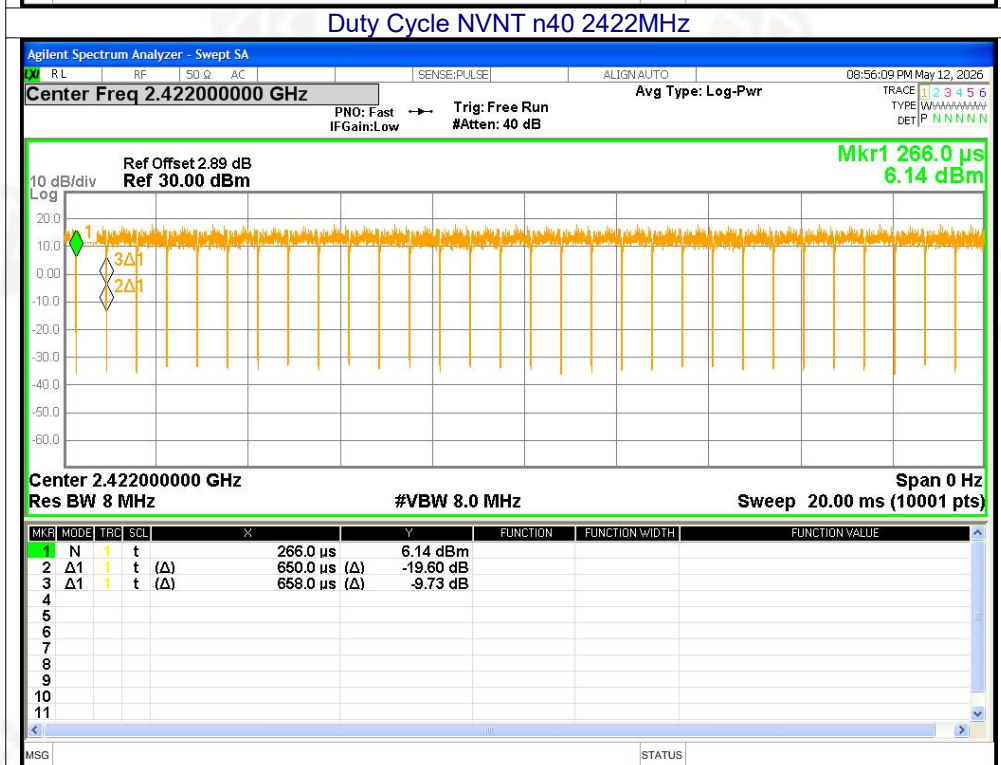


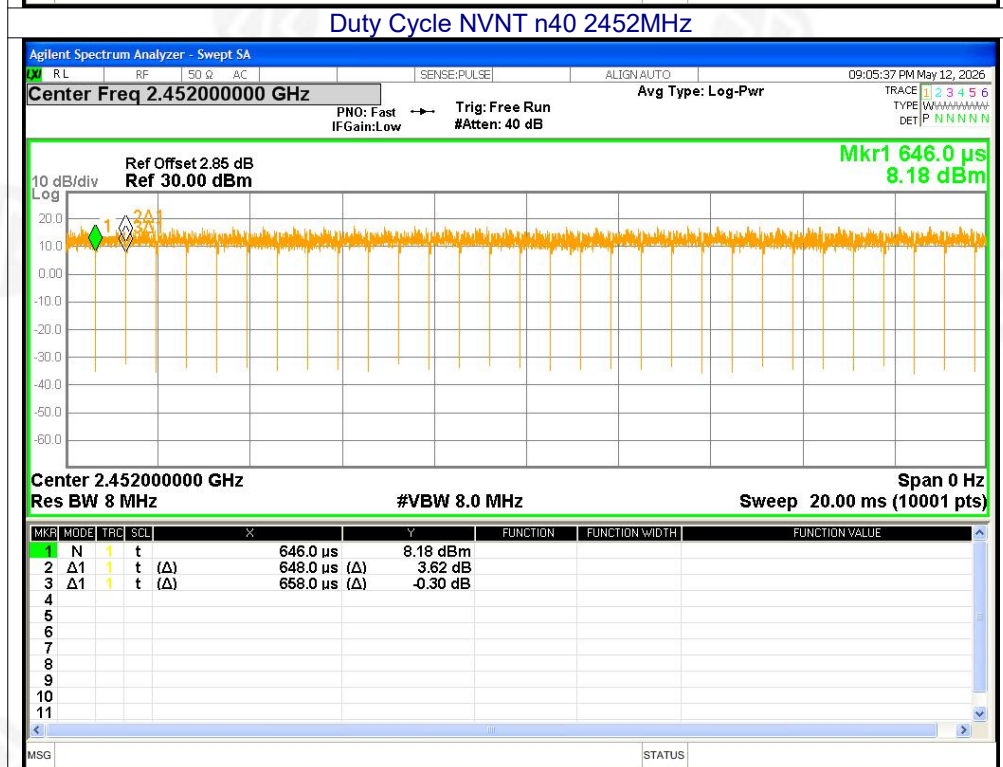
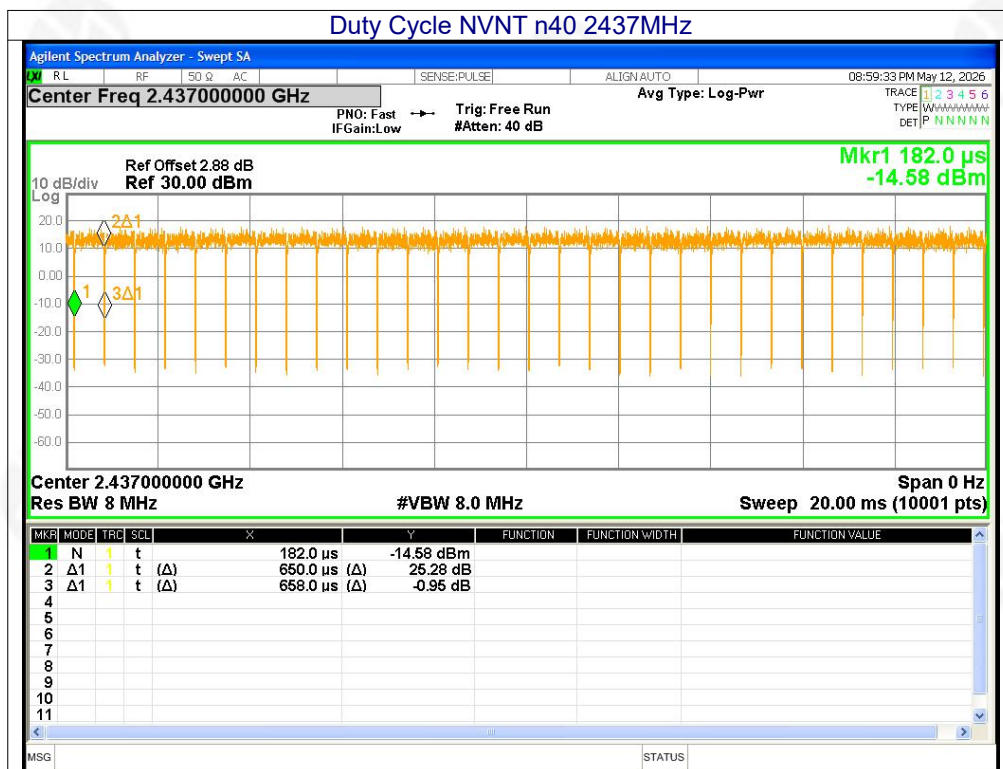


Duty Cycle NVNT n20 2462MHz



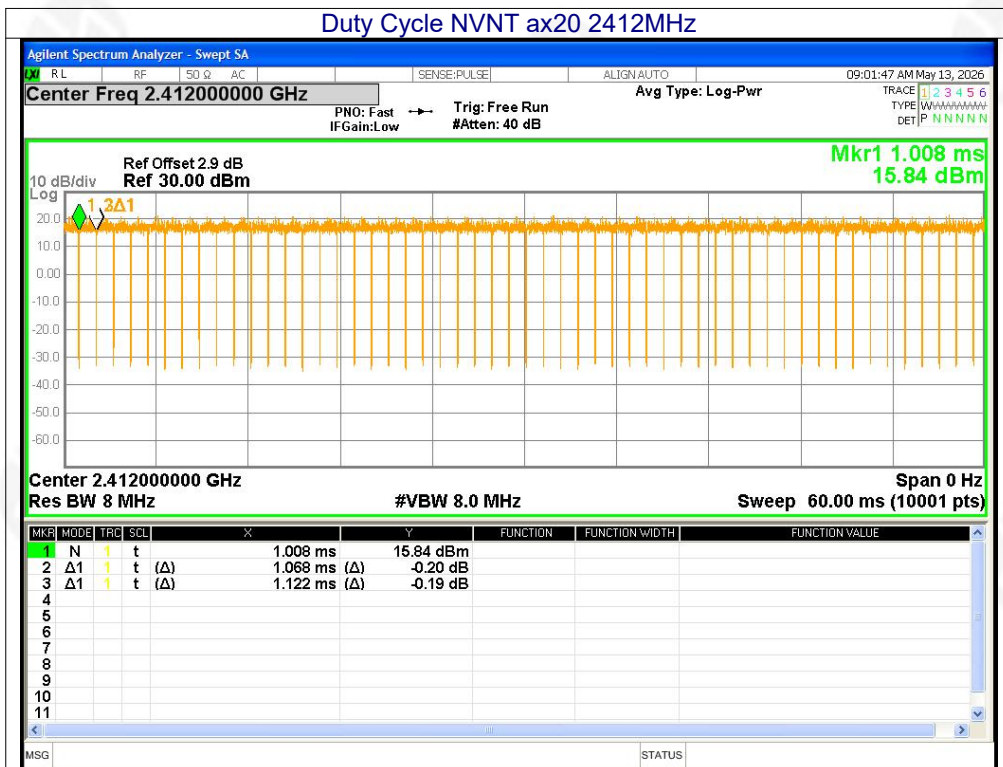
Duty Cycle NVNT n40 2422MHz







Duty Cycle NVNT ax20 2412MHz



Duty Cycle NVNT ax20 2437MHz

