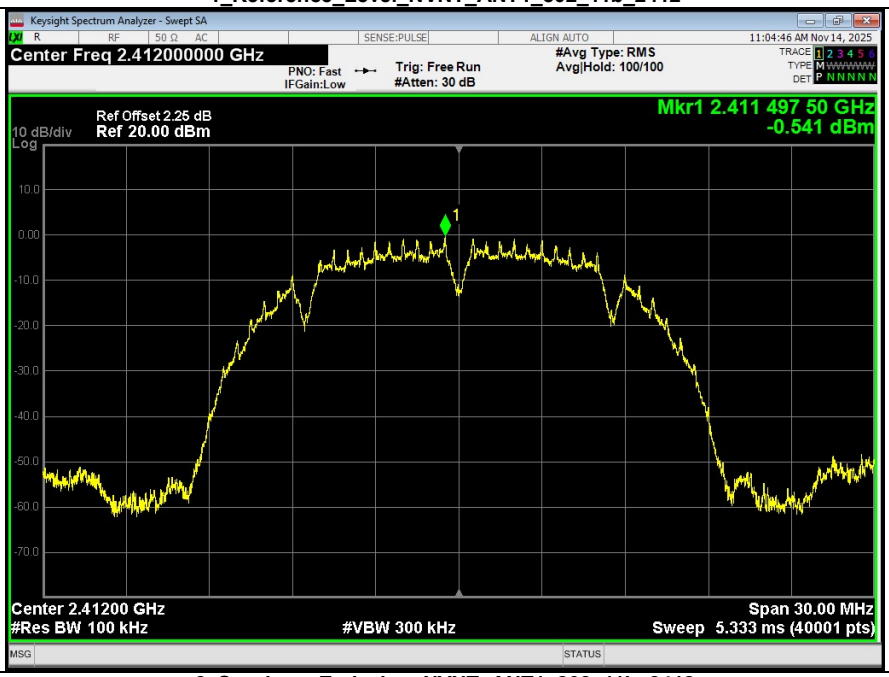
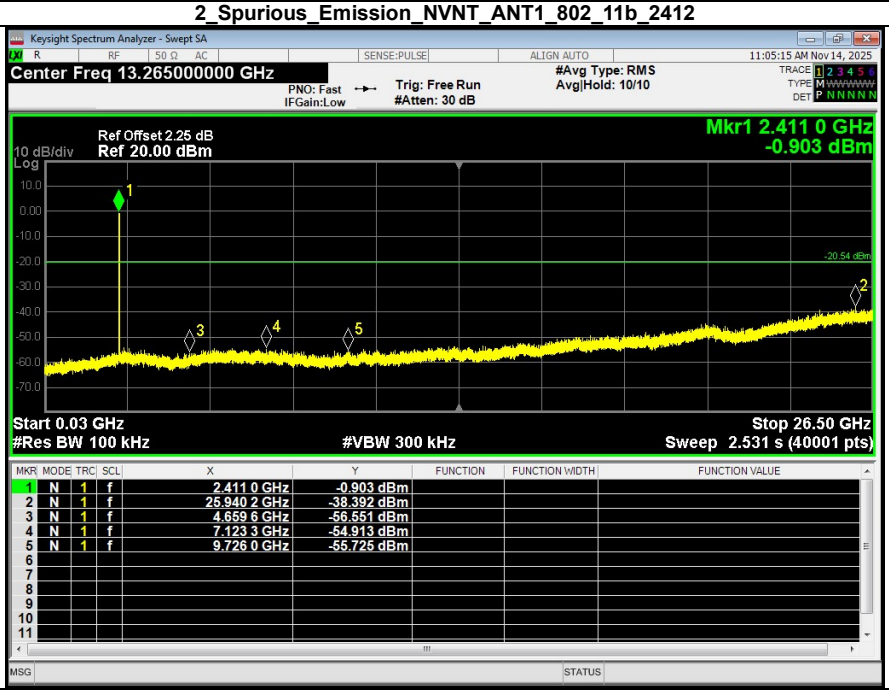
Conducted spurious emission: Pass.

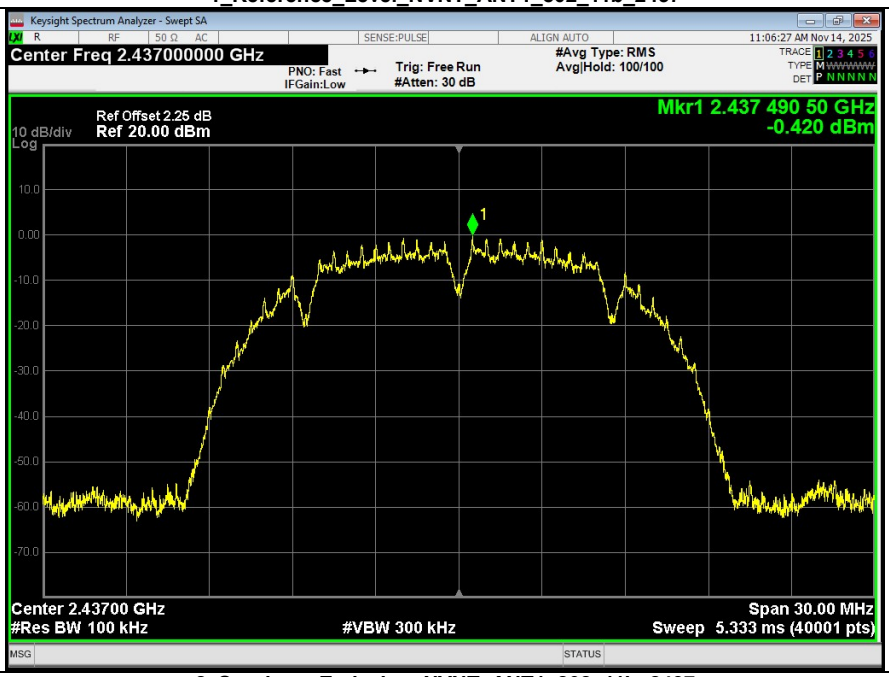
1_Reference_Level_NVNT_ANT1_802_11b_2412



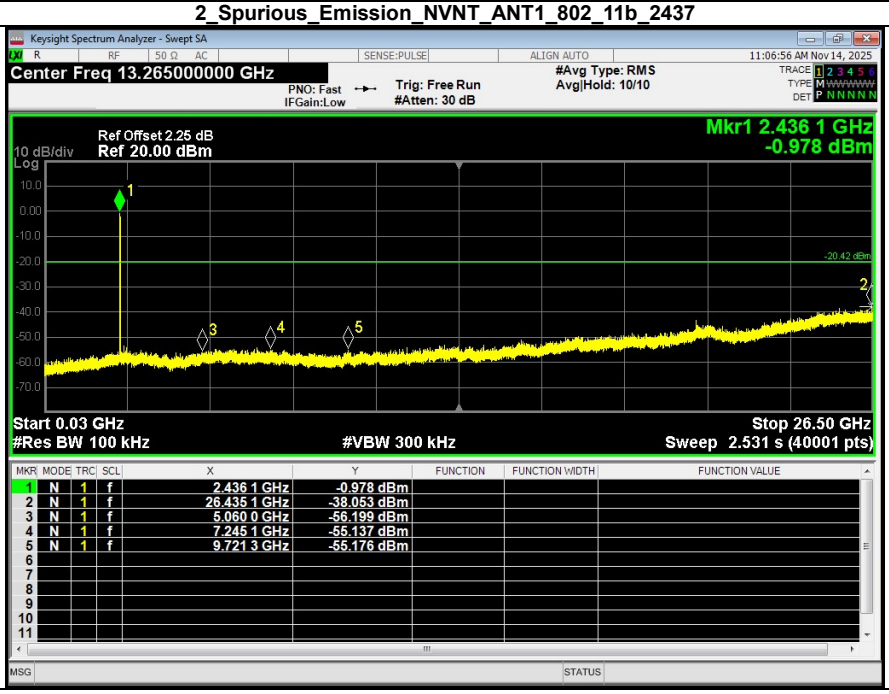
2_Spurious_Emission_NVNT_ANT1_802_11b_2412



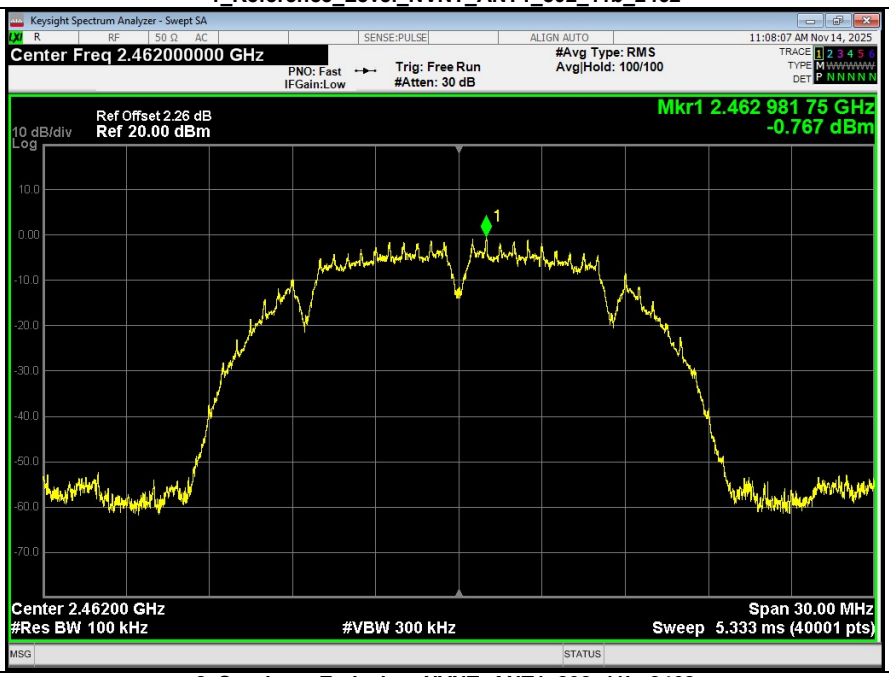
1_Reference_Level_NVNT_ANT1_802_11b_2437



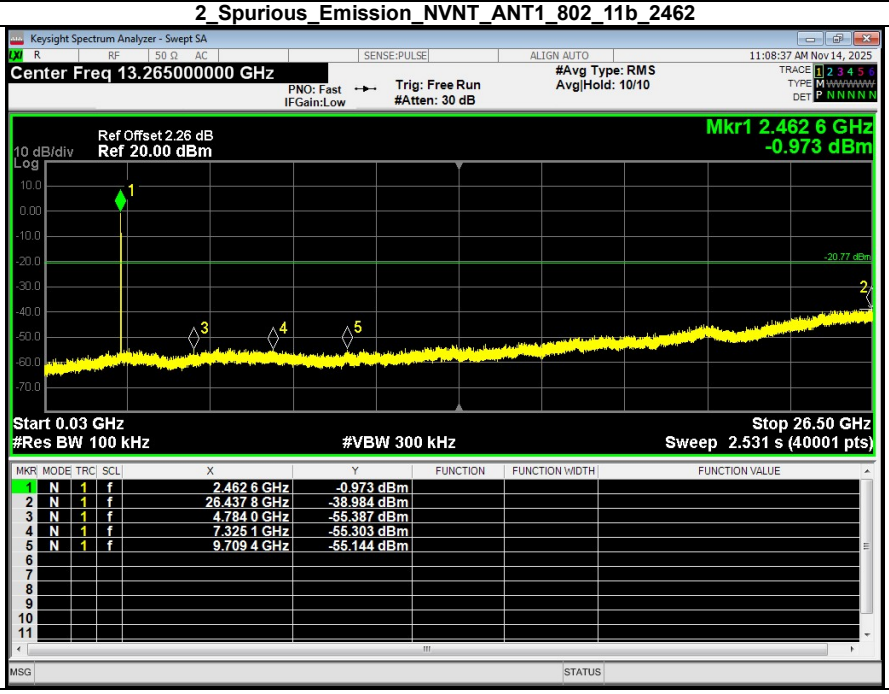
2_Spurious_Emission_NVNT_ANT1_802_11b_2437



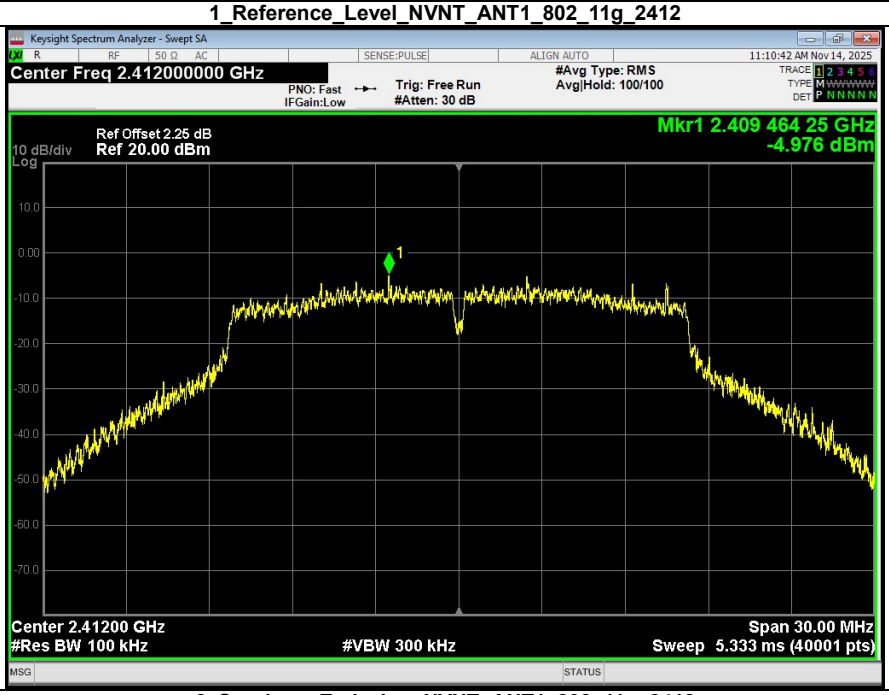
1_Reference_Level_NVNT_ANT1_802_11b_2462



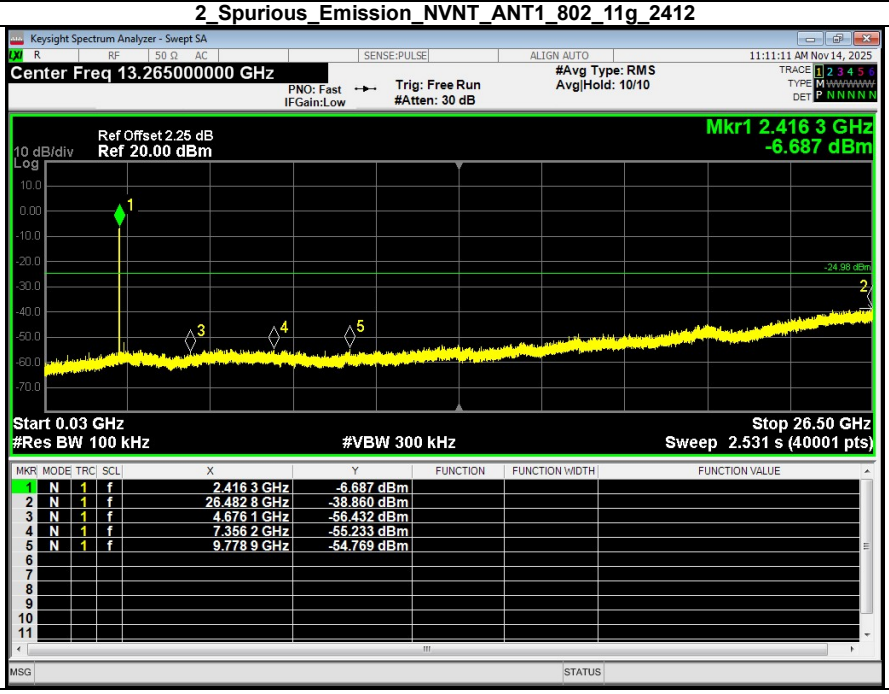
2_Spurious_Emission_NVNT_ANT1_802_11b_2462



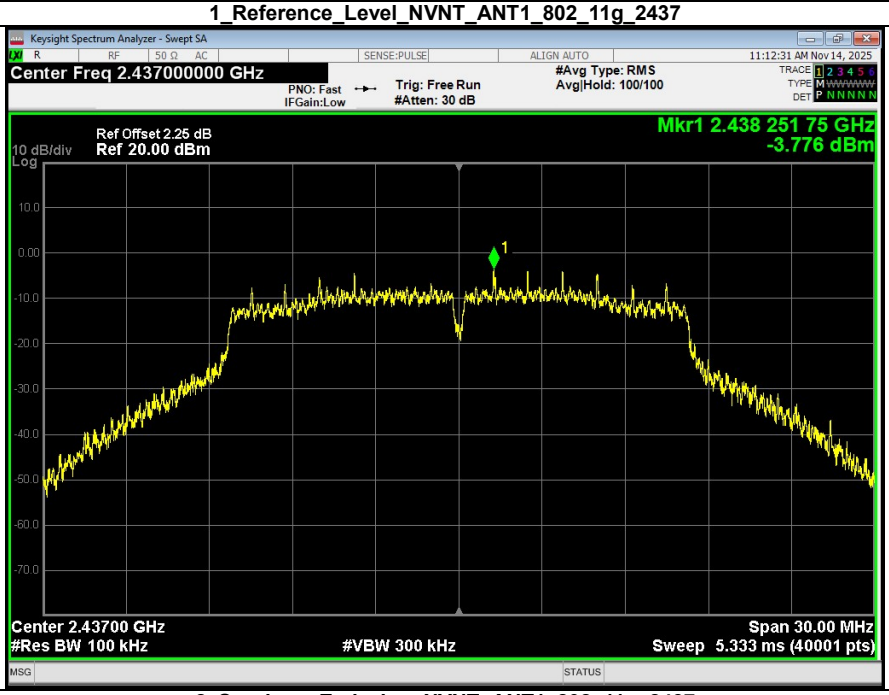
1_Reference_Level_NVNT_ANT1_802_11g_2412



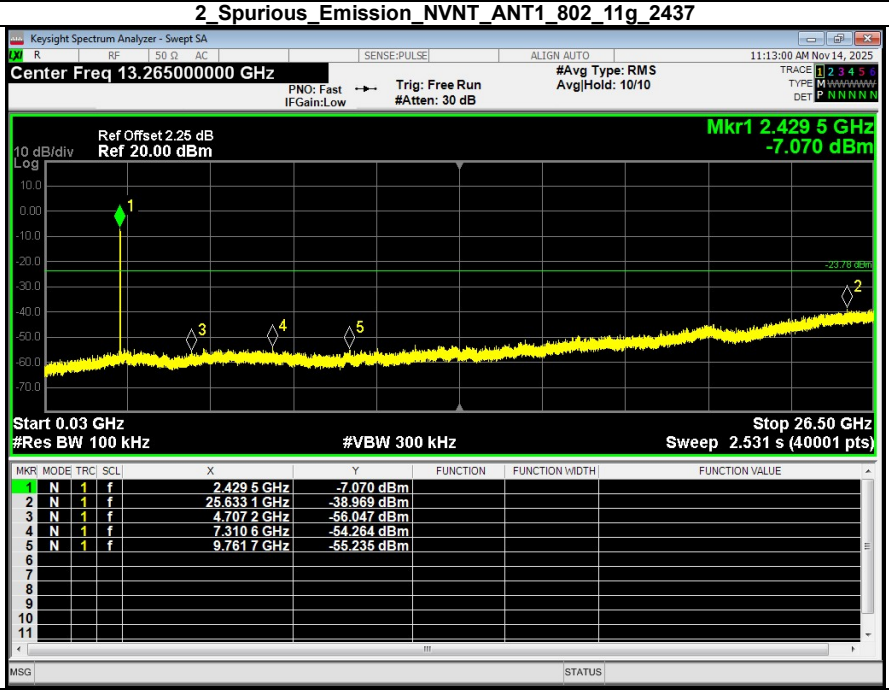
2_Spurious_Emission_NVNT_ANT1_802_11g_2412



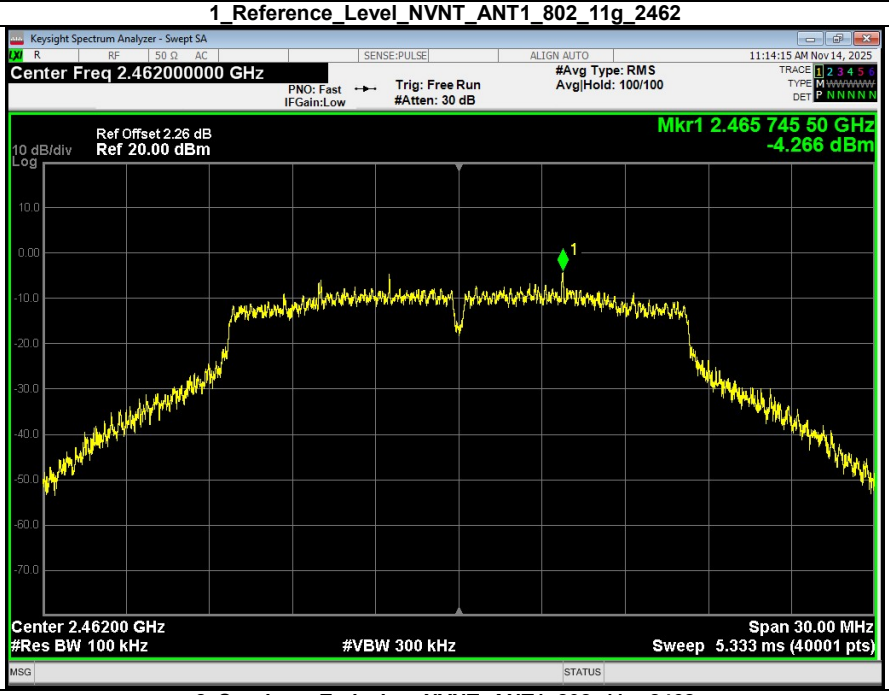
1_Reference_Level_NVNT_ANT1_802_11g_2437



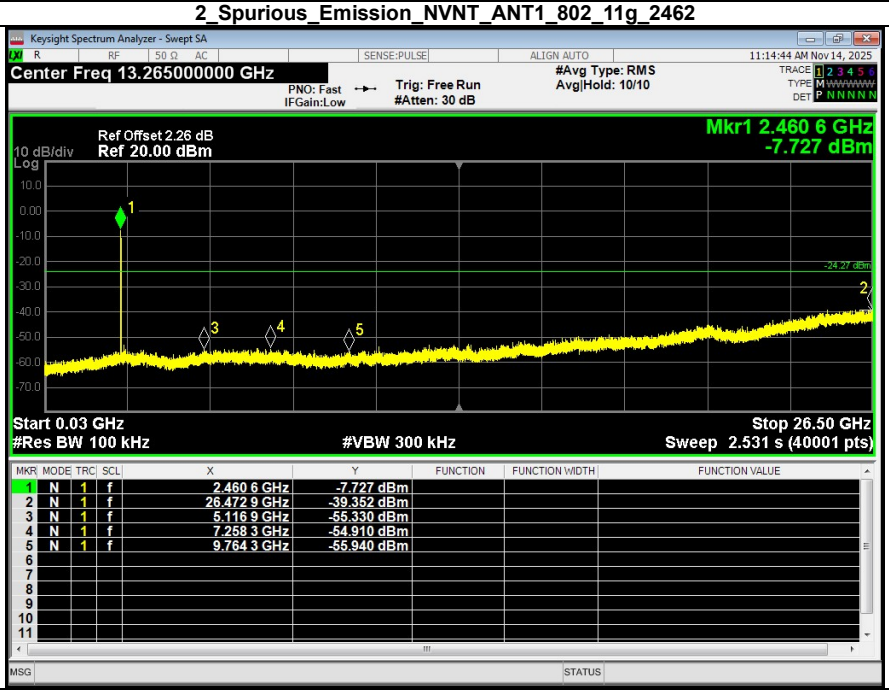
2_Spurious_Emission_NVNT_ANT1_802_11g_2437



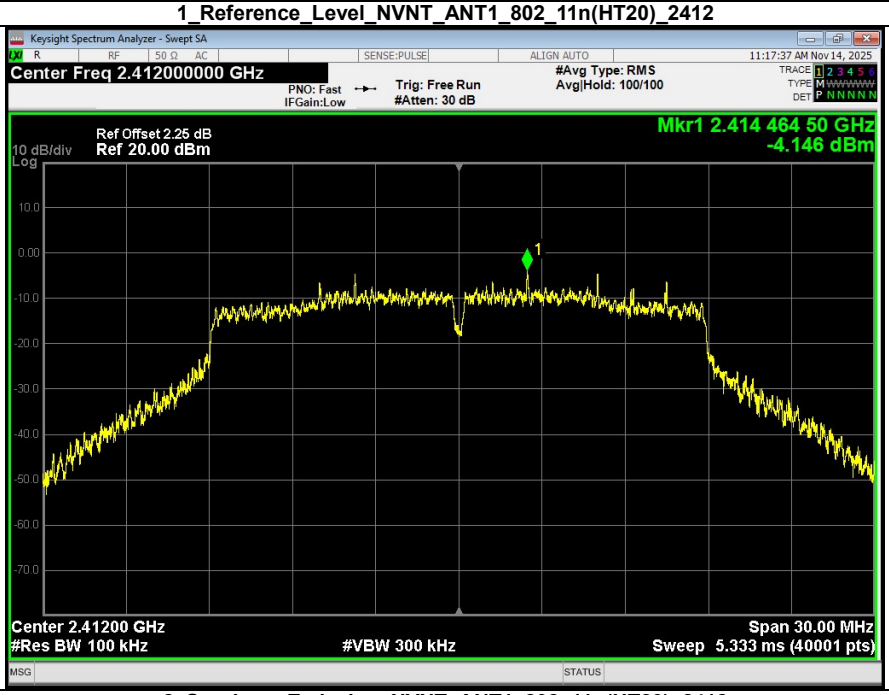
1_Reference_Level_NVNT_ANT1_802_11g_2462



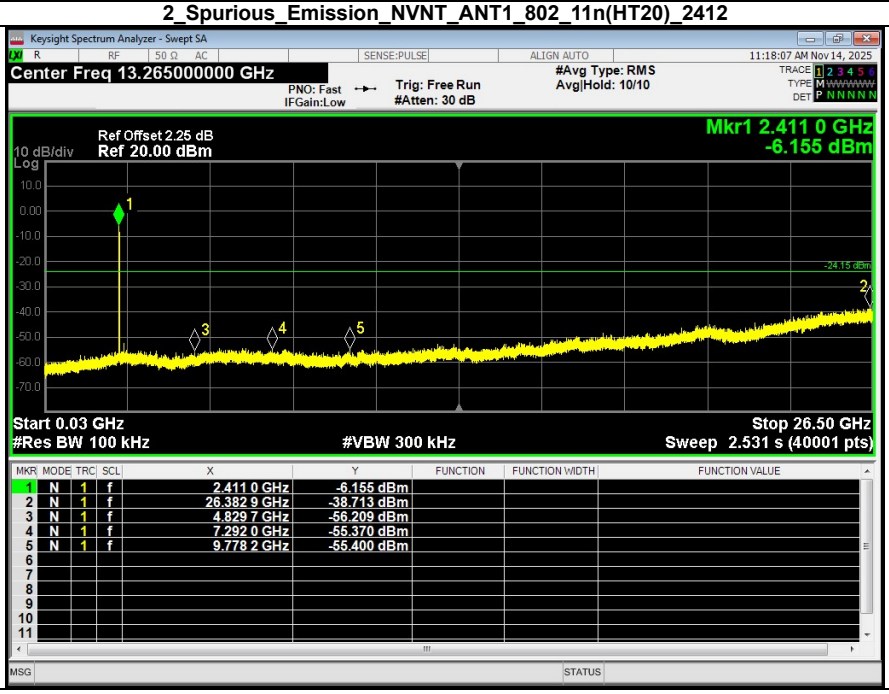
2_Spurious_Emission_NVNT_ANT1_802_11g_2462



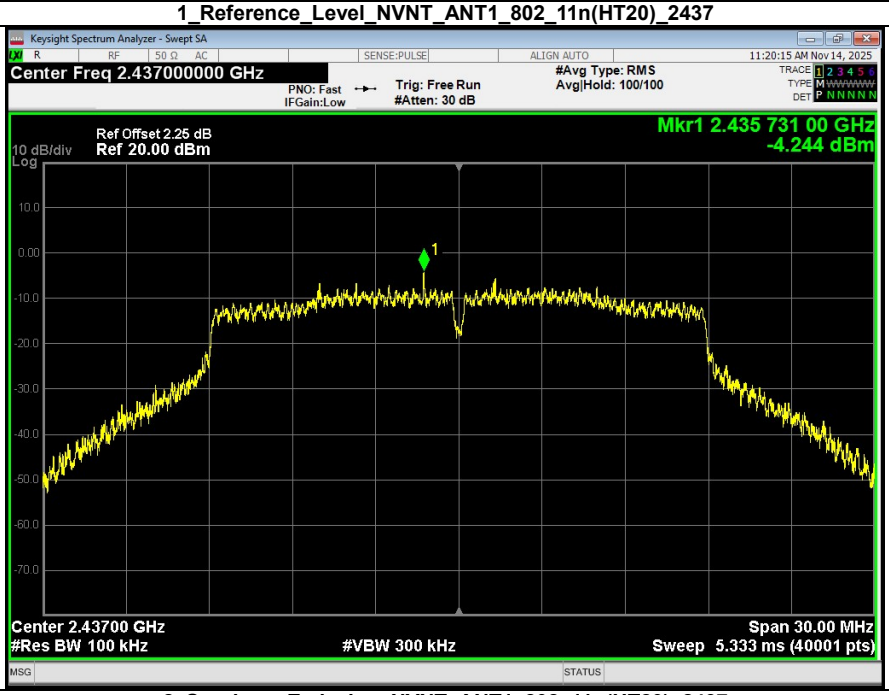
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



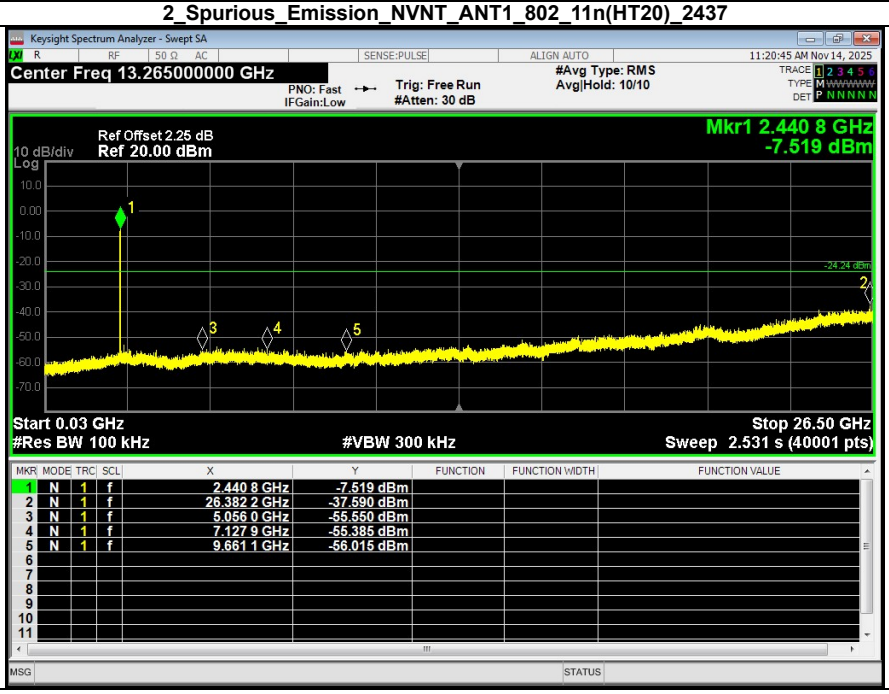
2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2412



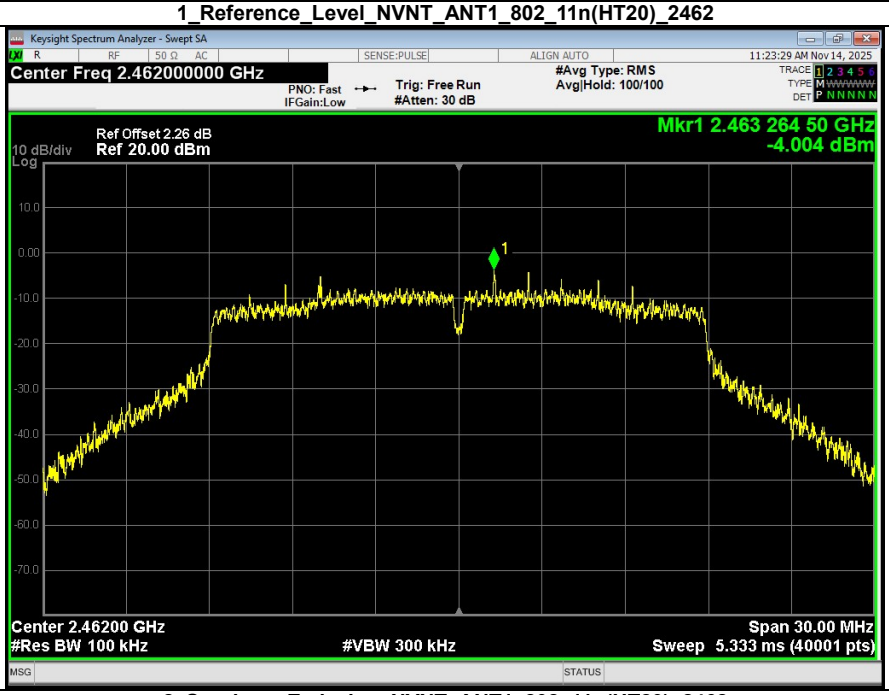
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2437



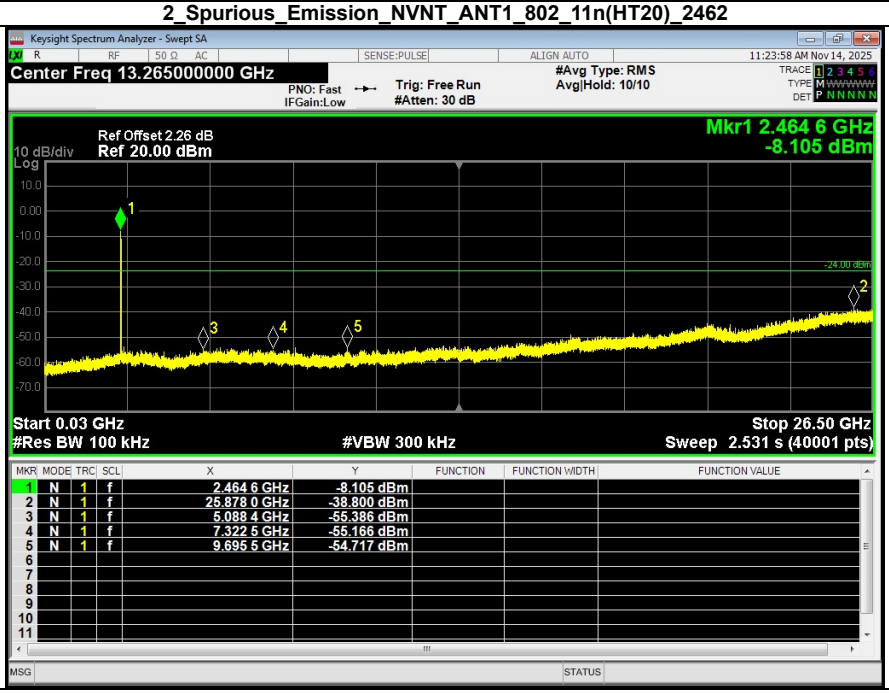
2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2437



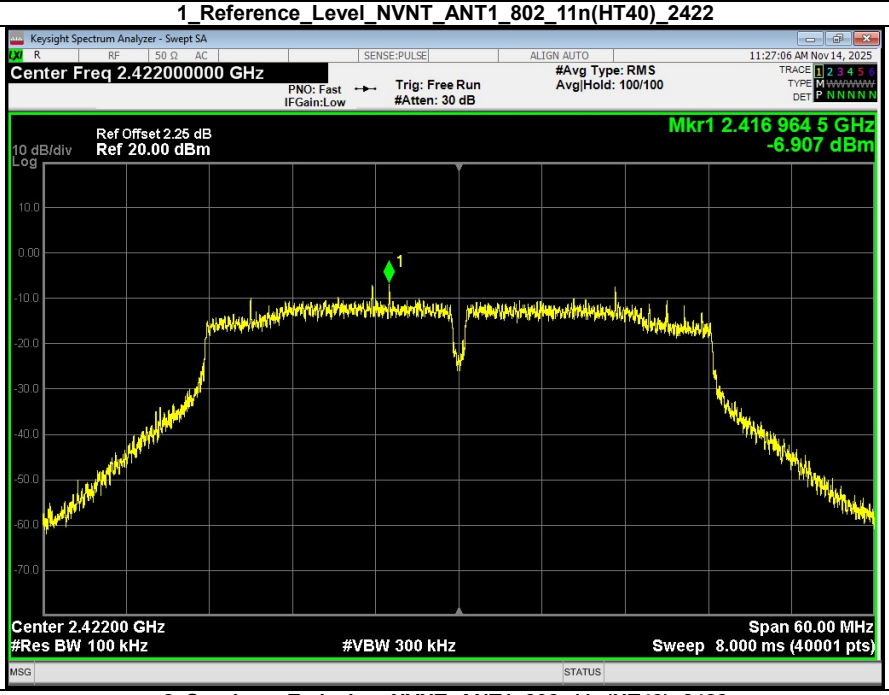
1_Reference_Level_NVNT_ANT1_802_11n(HT20)_2462



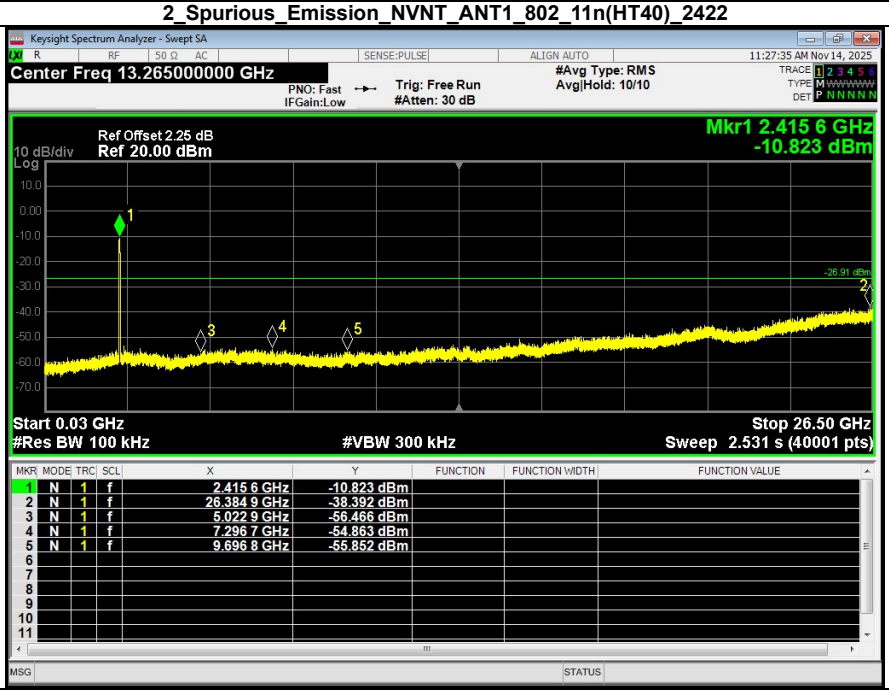
2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2462



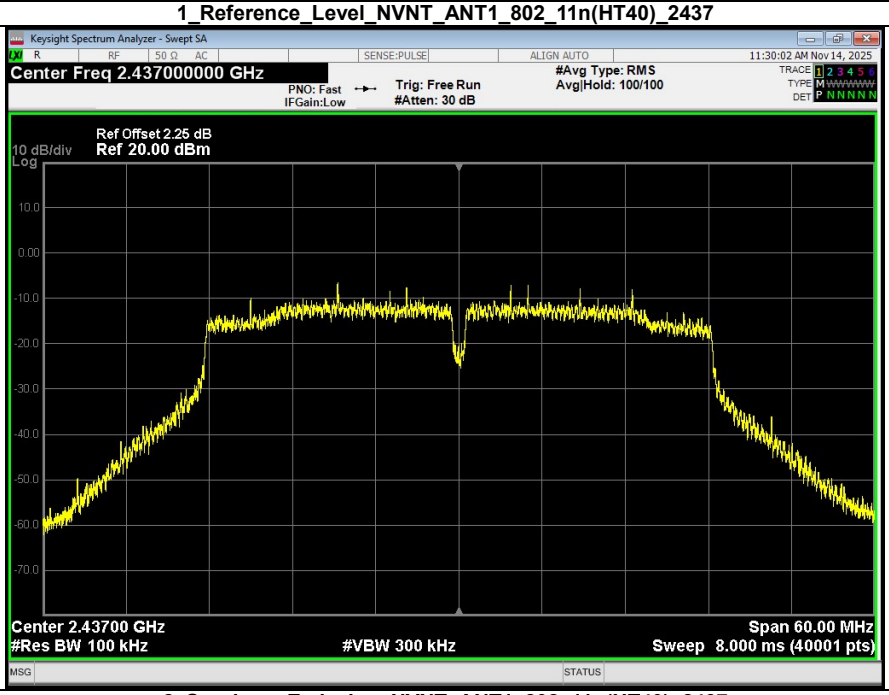
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2422



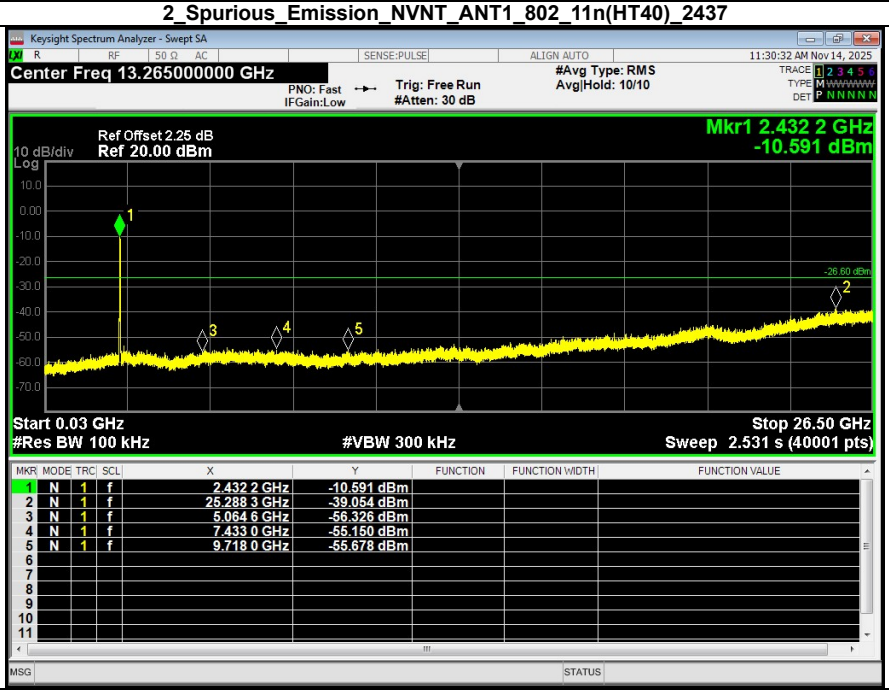
2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2422



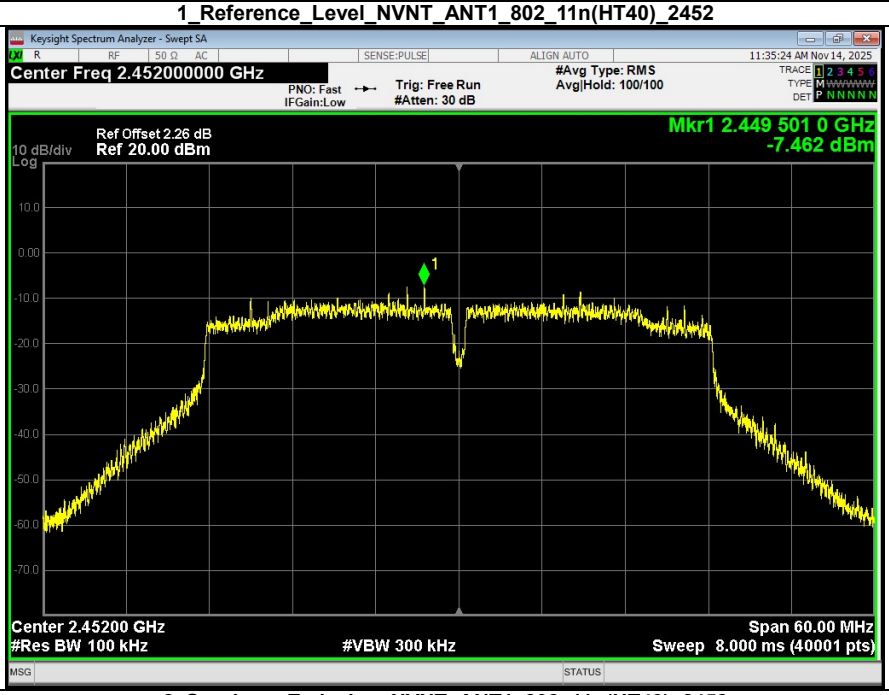
1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2437



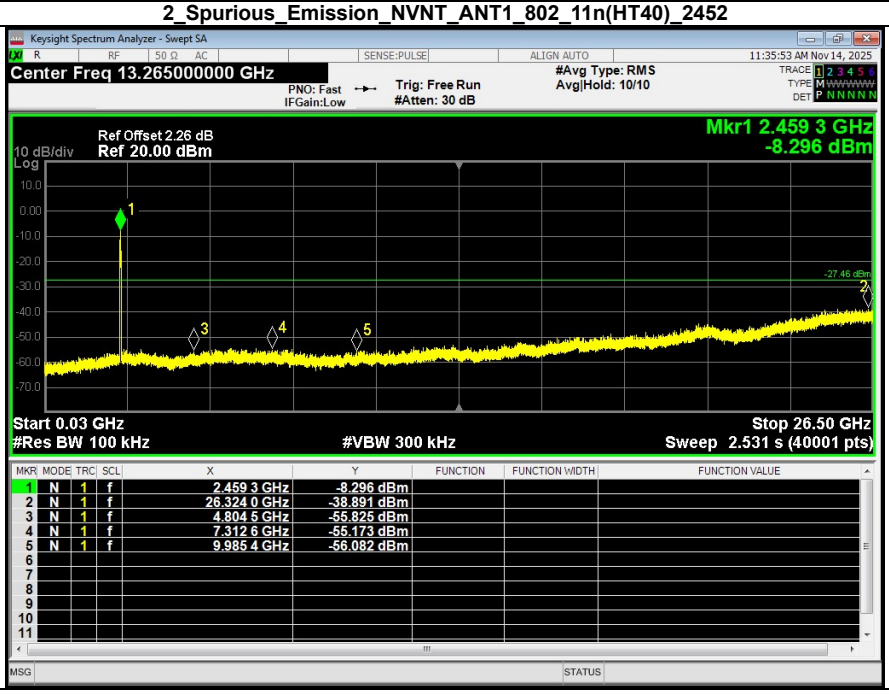
2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2437



1_Reference_Level_NVNT_ANT1_802_11n(HT40)_2452



2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2452



6. Conducted Maximum Output Power

6.1. Test limits

Please refer RSS-247 & FCC PART 15.247.

Regulation 15.247(b) The limit of Maximum Peak Output Power Measurement is 1 W(30dBm)

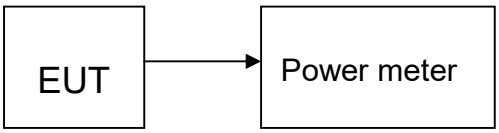
6.2. Test Procedure

Details see the KDB558074 D01 Meas Guidance v05r02

1. Place the EUT on the table and set it in transmitting mode.
2. Connected the EUT's antenna port to peak power meter by 20dB attenuator.
3. Measure out each mode and each bands peak output power of EUT.

Note: The cable loss and attenuator loss were offset into measure device as amplitude offset.

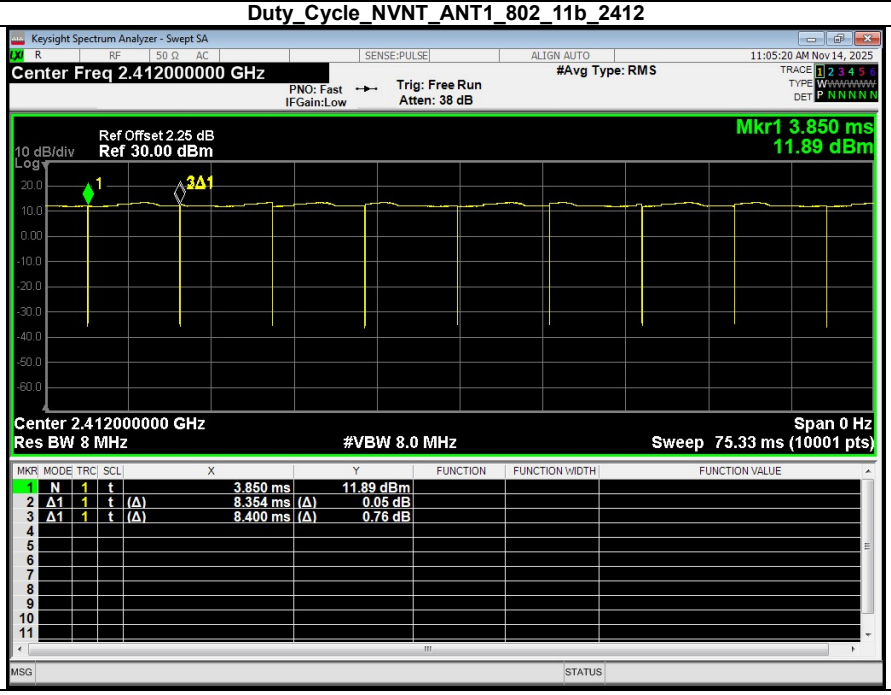
6.3. Test Setup

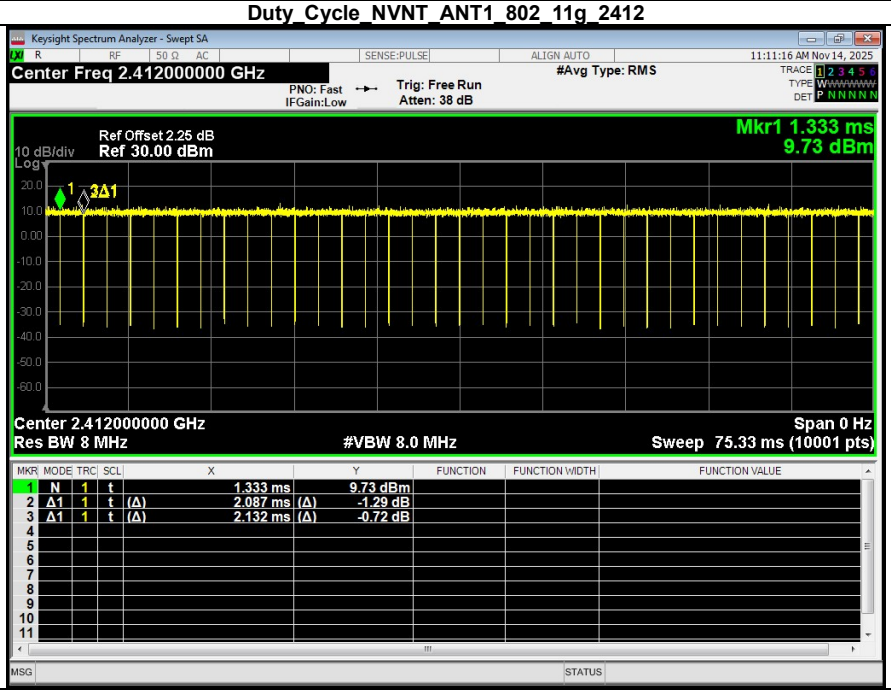


6.4. Test Results

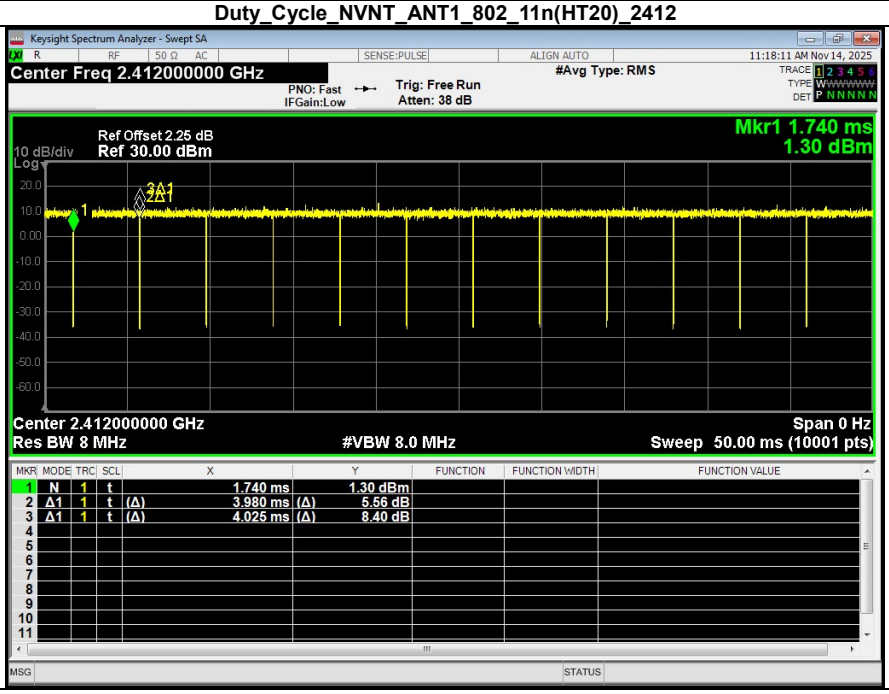
Condition	Antenna	Modulation	Frequency (MHz)	Detector	Conducted Power(dBm)	Duty factor(dB)	Total Power(dBm)	limit(dBm)	Result
NVNT	ANT1	802.11b	2412.00	Peak	10.174	0	10.174	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	10.331	0	10.331	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	10.135	0	10.135	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	10.744	0	10.744	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	10.599	0	10.599	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	10.446	0	10.446	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	10.523	0	10.523	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	10.408	0	10.408	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	10.323	0	10.323	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	10.886	0	10.886	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	10.821	0	10.821	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	10.762	0	10.762	30	Pass

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty factor(dB)
NVNT	ANT1	802.11b	2412.00	99.40	0
NVNT	ANT1	802.11g	2412.00	98.12	0
NVNT	ANT1	802.11n(HT20)	2412.00	98.76	0
NVNT	ANT1	802.11n(HT40)	2422.00	98.76	0

Duty_Cycle_NVNT_ANT1_802_11b_2412


Duty_Cycle_NVNT_ANT1_802_11g_2412


Duty_Cycle_NVNT_ANT1_802_11n(HT20)_2412



Duty_Cycle_NVNT_ANT1_802_11n(HT40)_2422