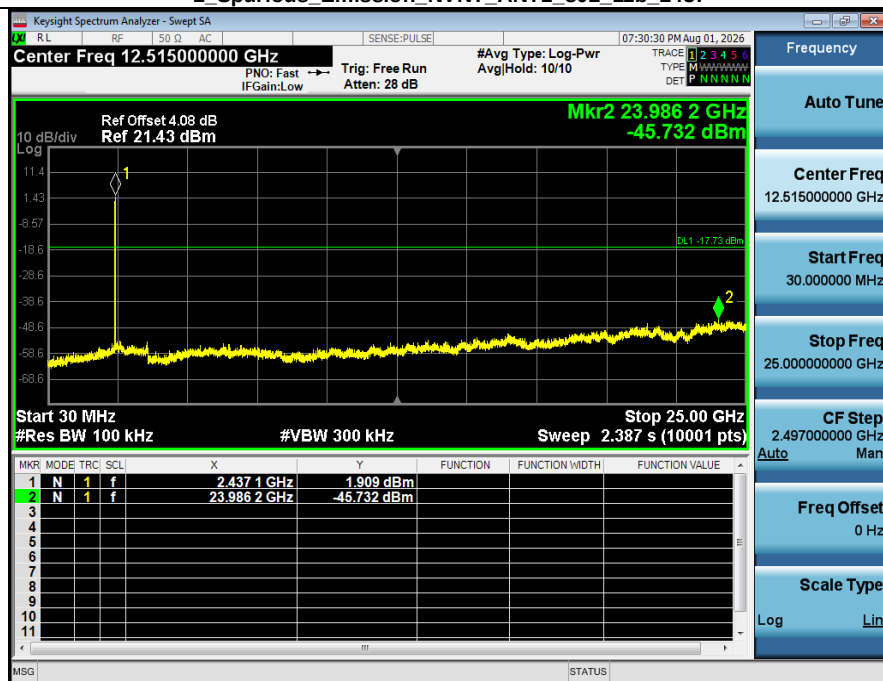
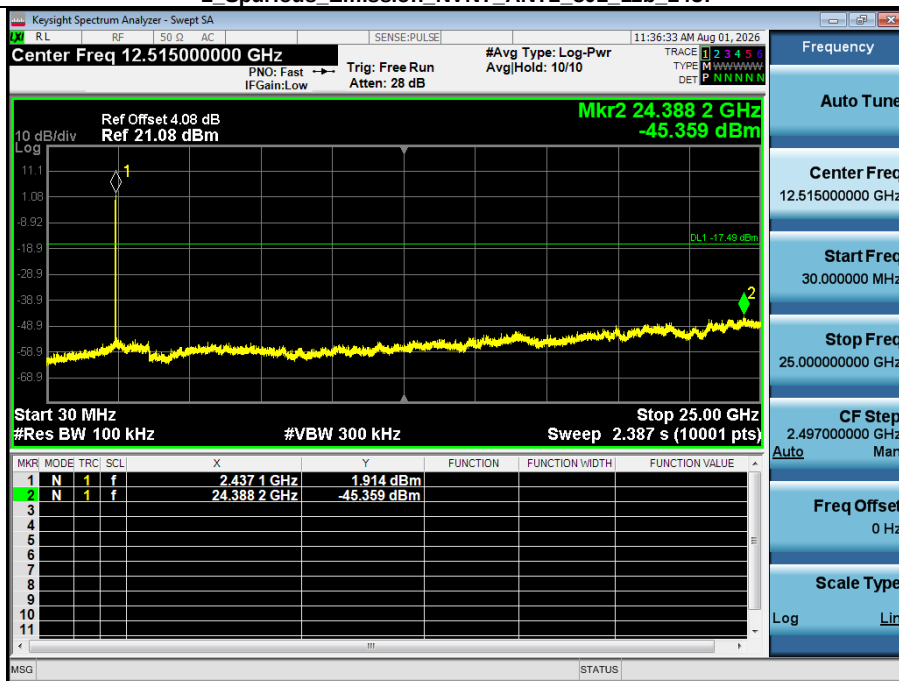


2 Spurious Emission NVNT ANT1_802_11b_2437



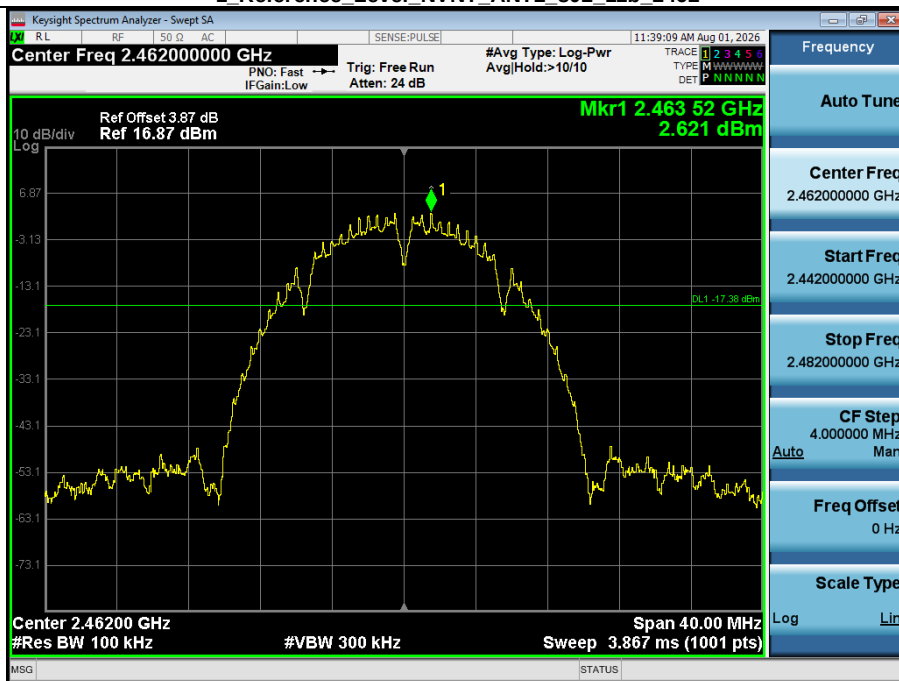
2 Spurious Emission NVNT ANT2_802_11b_2437

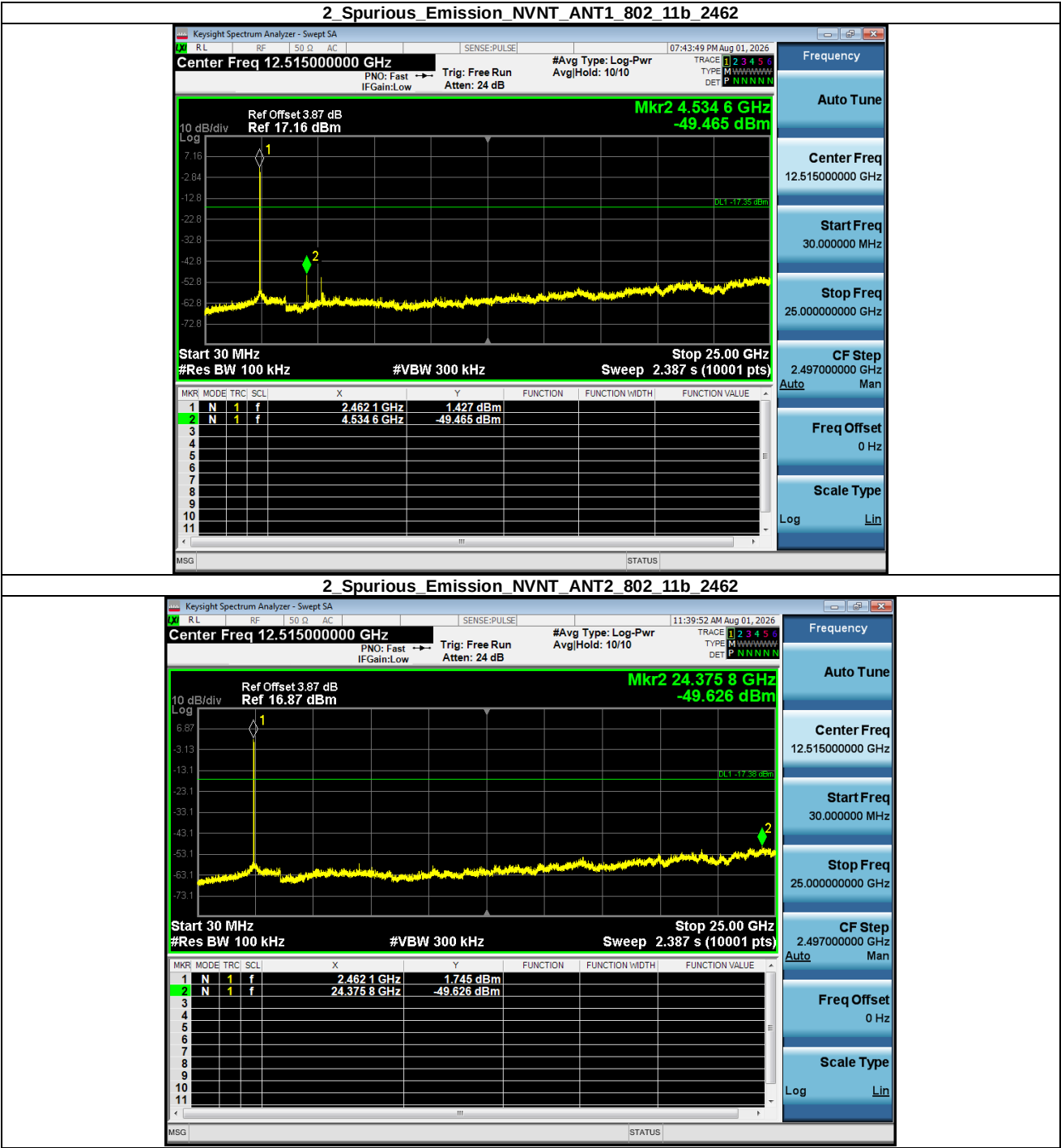


1 Reference Level NVNT ANT1 802 11b 2462

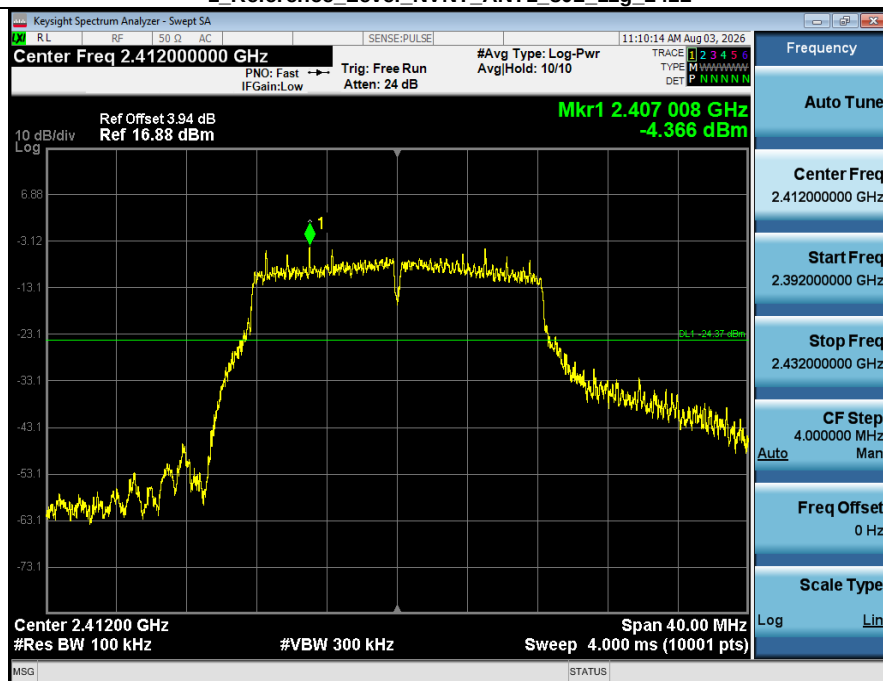


1 Reference Level NVNT ANT2 802 11b 2462



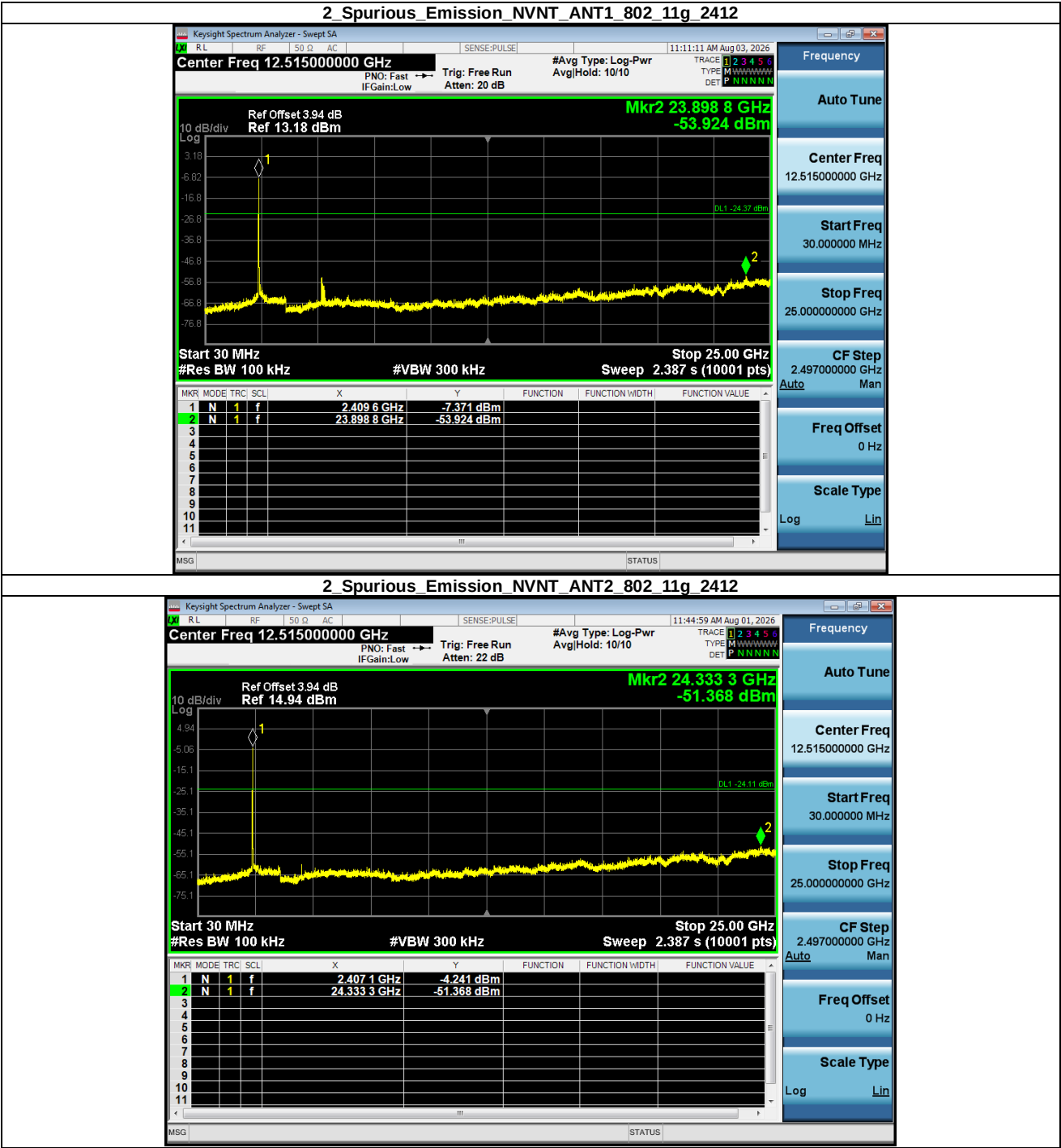


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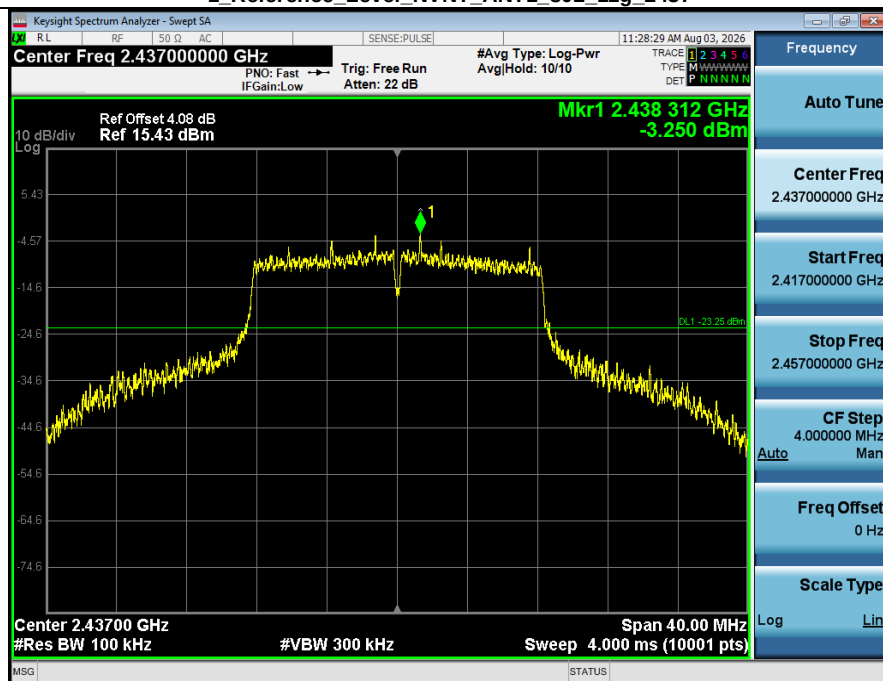


1 Reference Level NVNT_ANT2_802_11g_2412



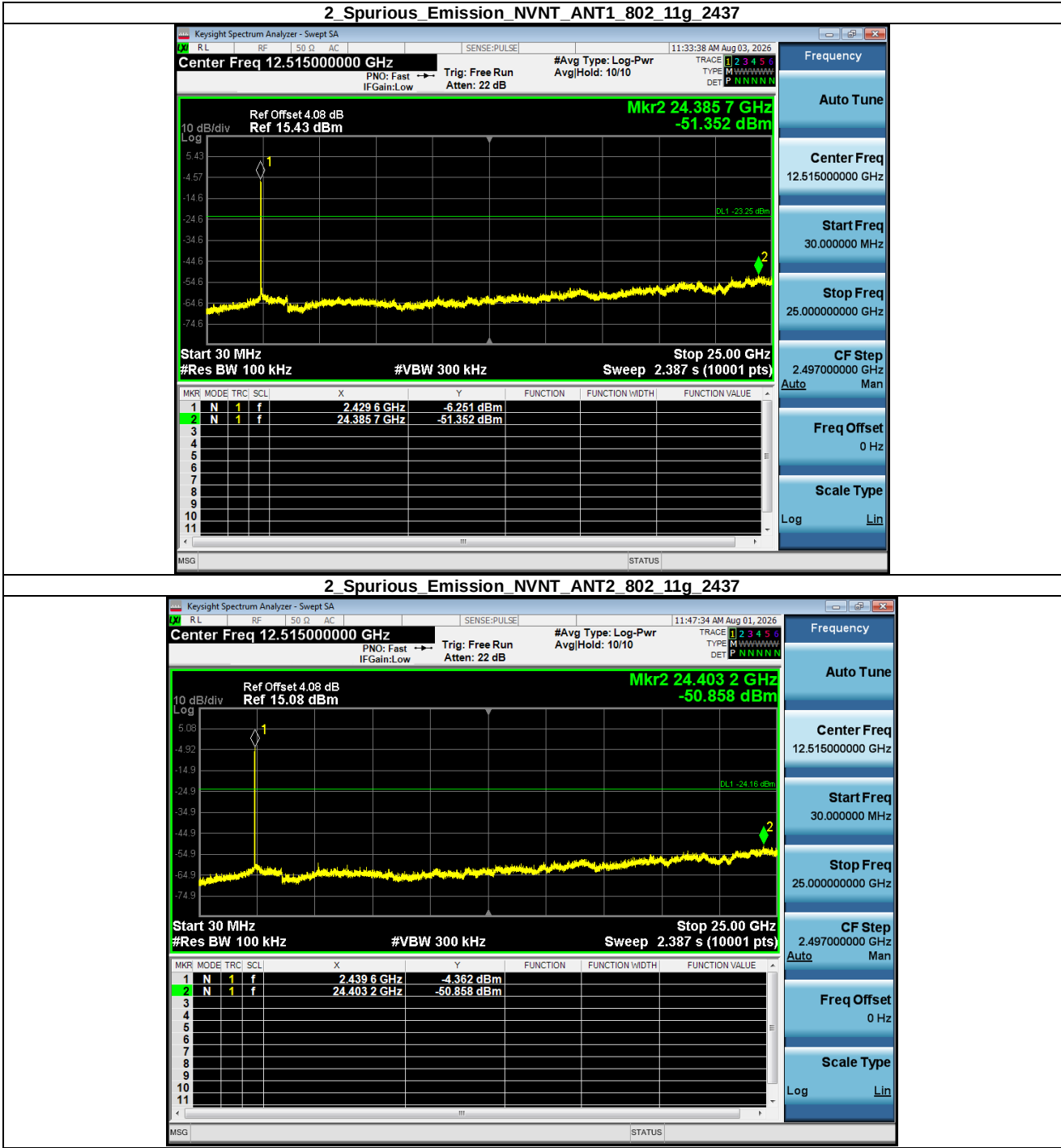


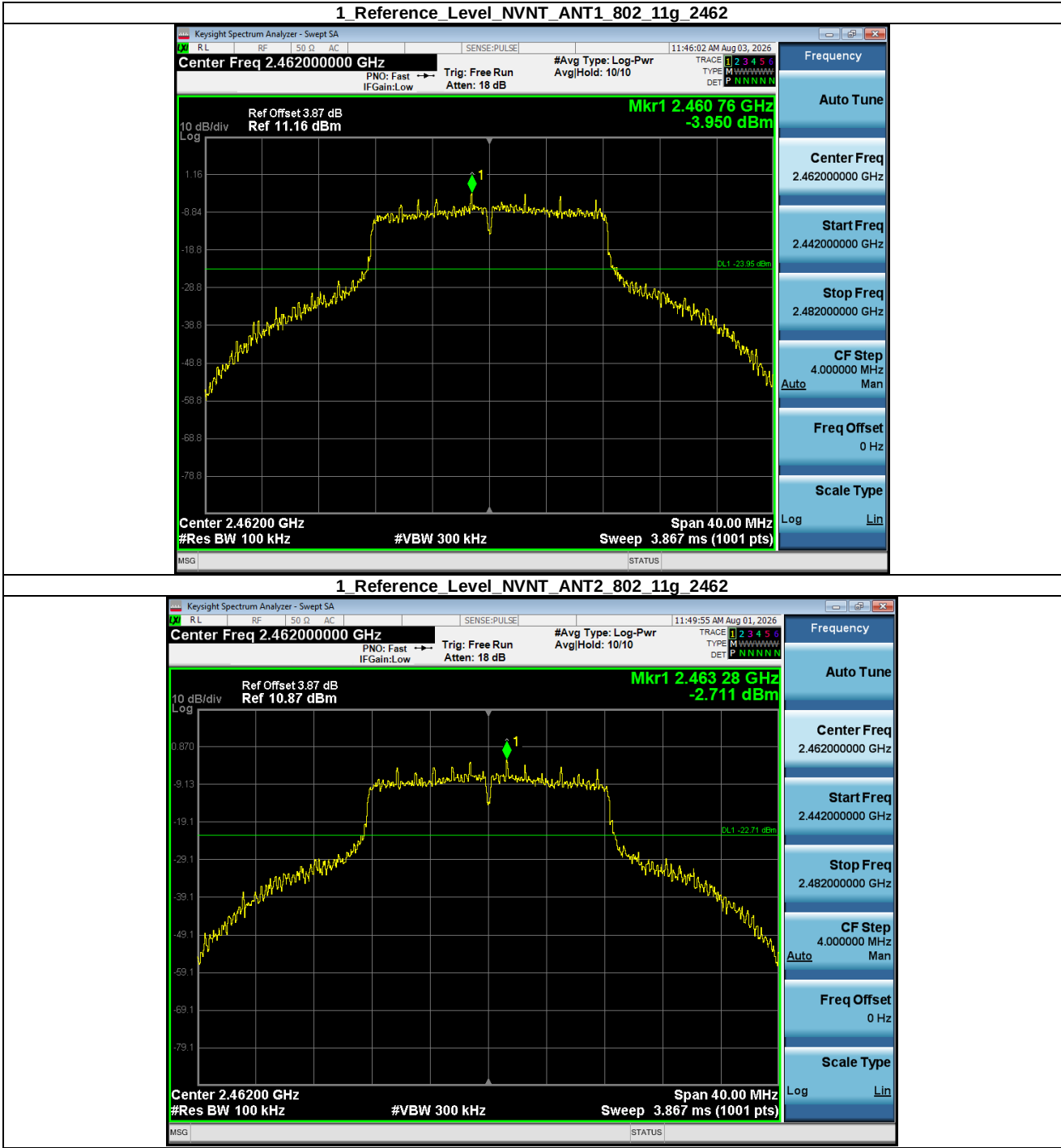
1 Reference_Level_NVNT_ANT1_802_11g_2437

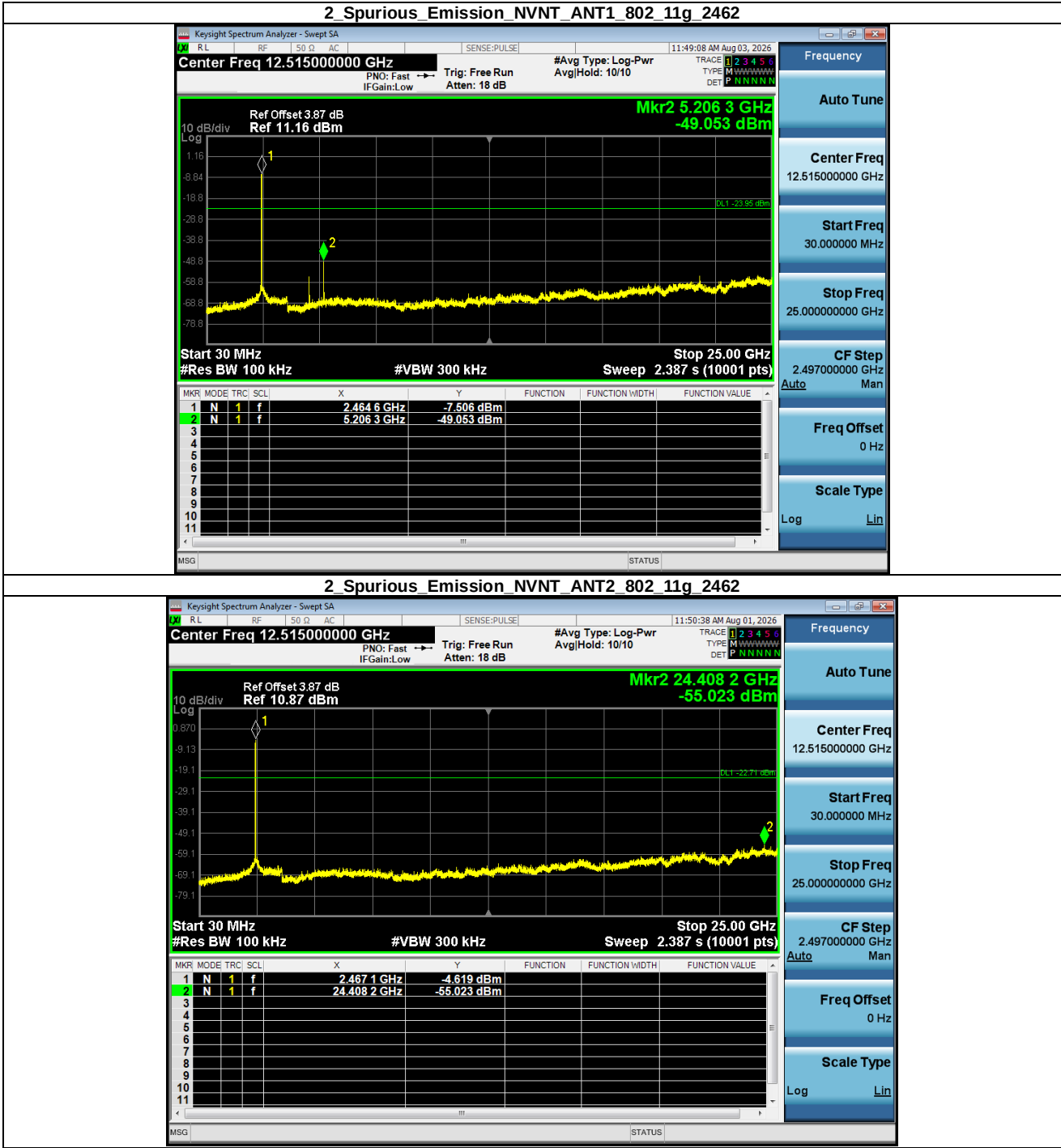


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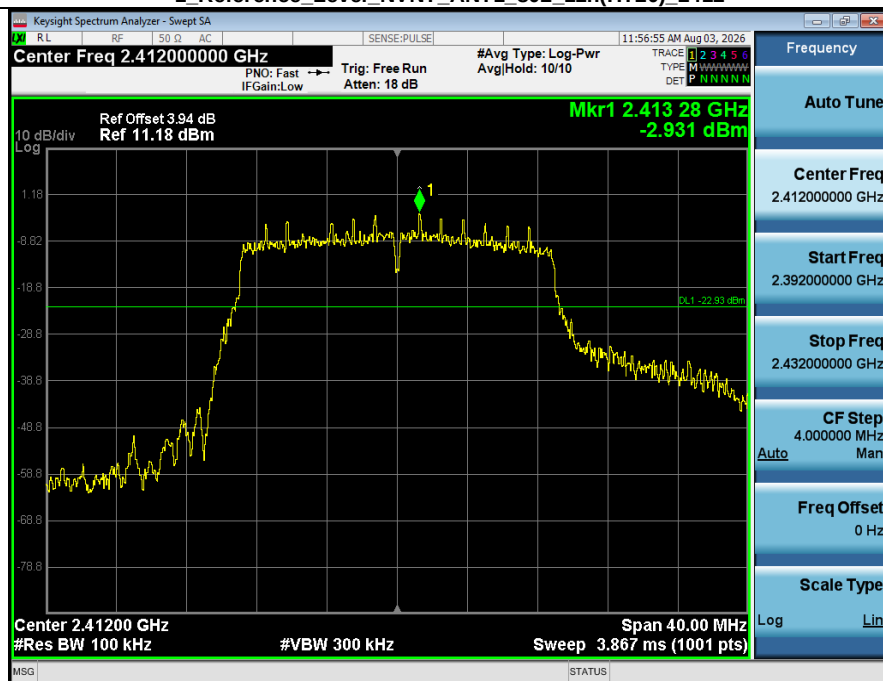






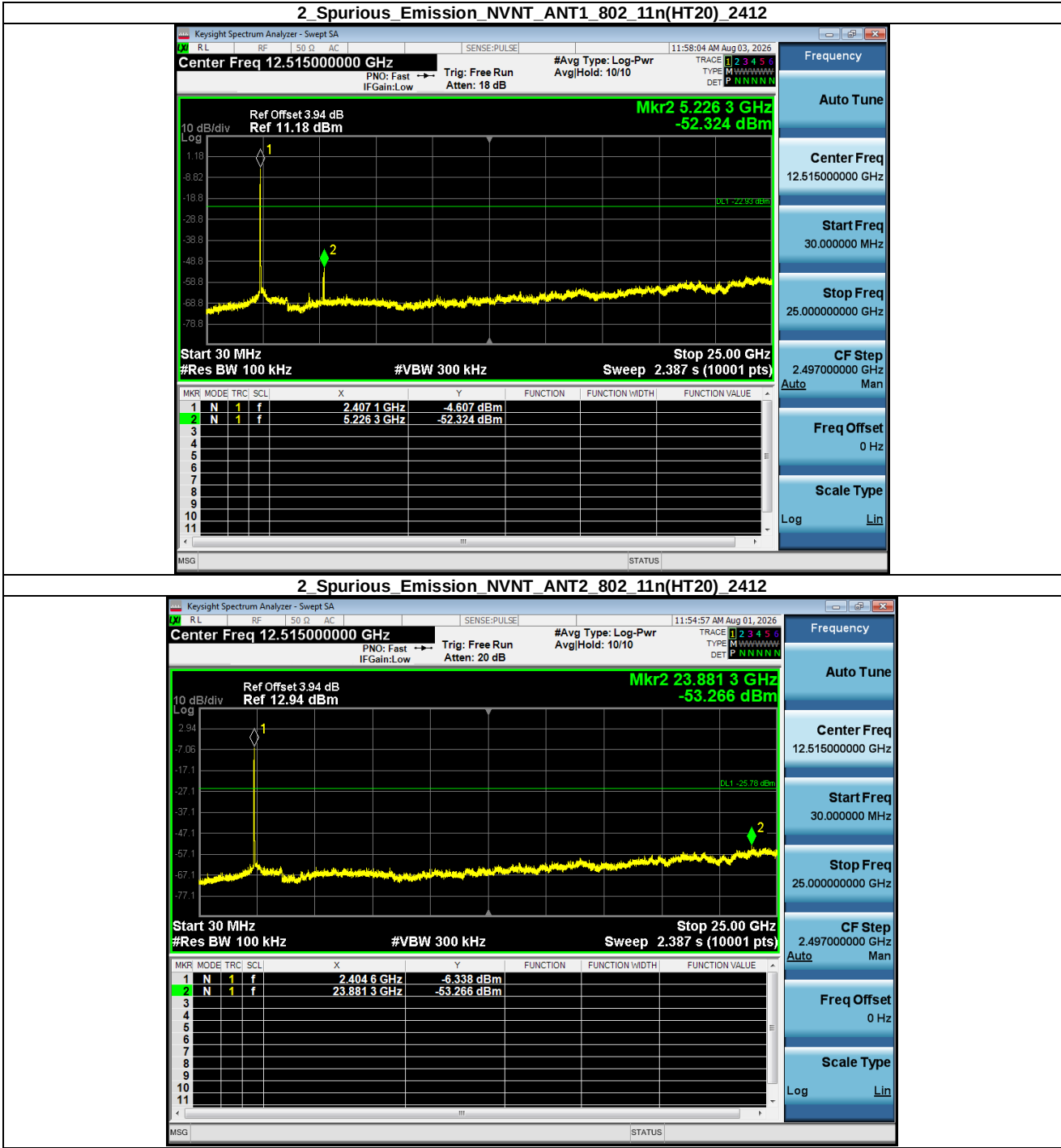


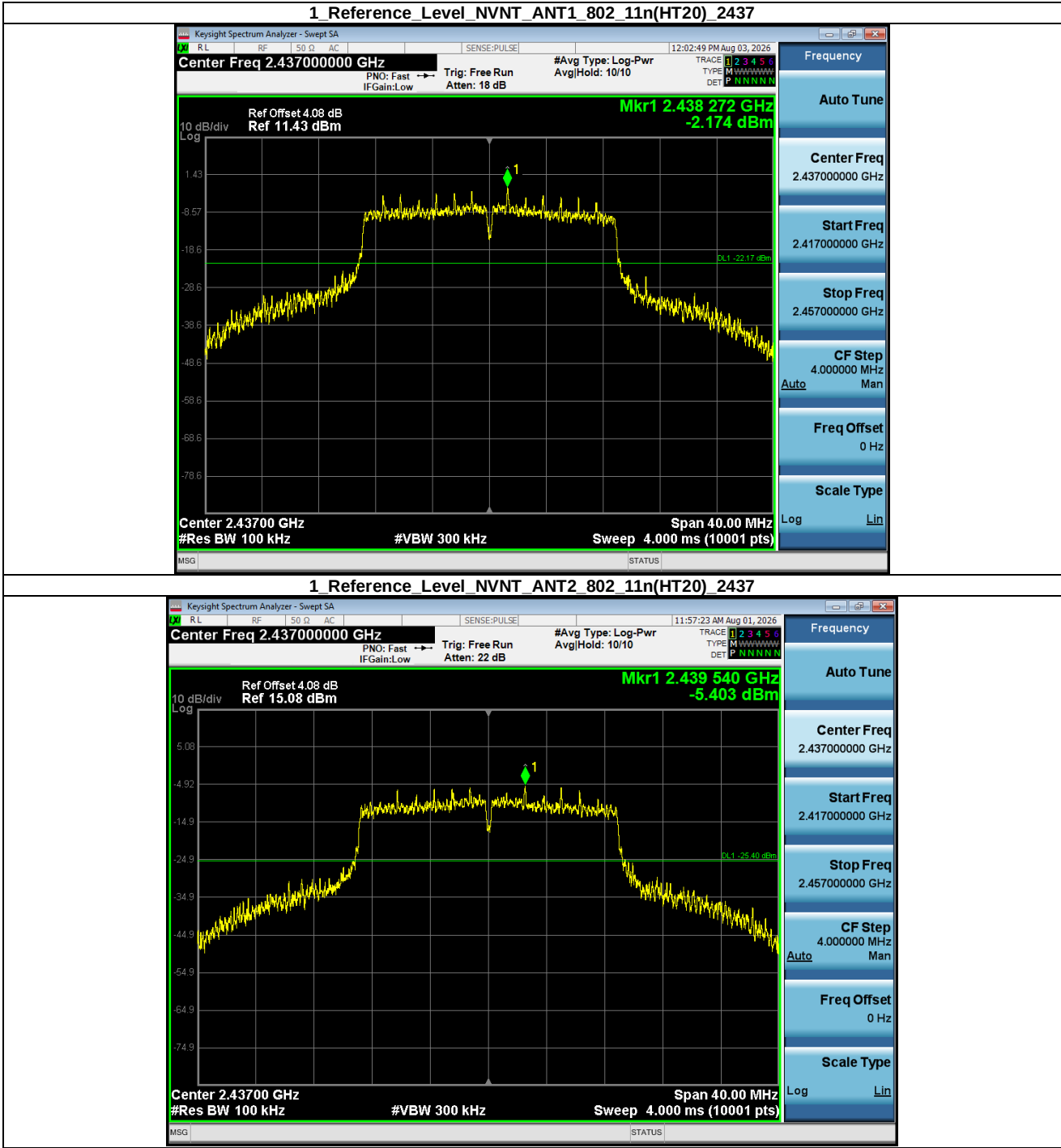
1 Reference_Level_NVNT_ANT1_802_11n(HT20)_2412



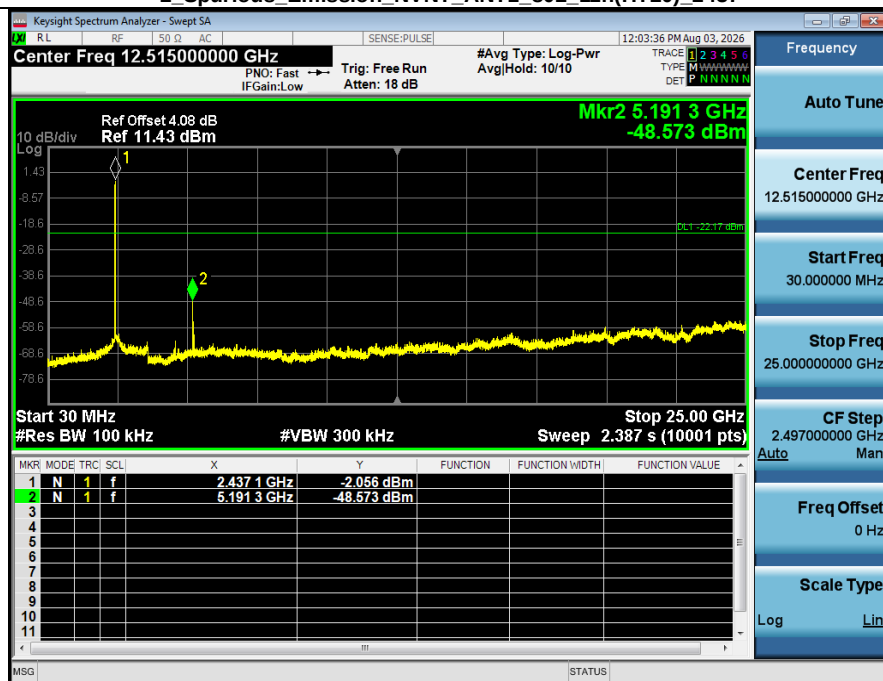
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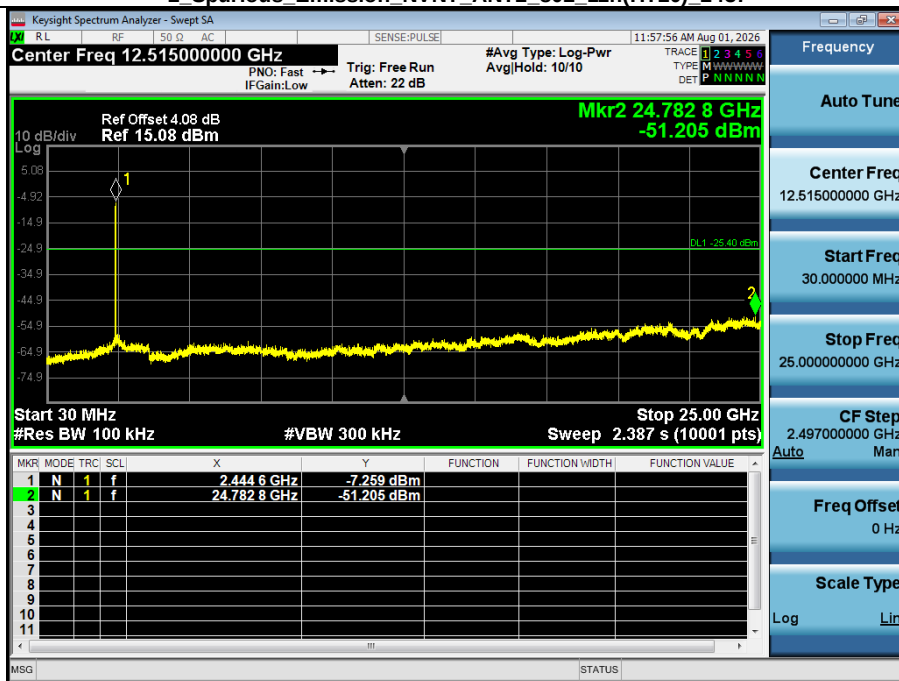




2_Spurious_Emission_NVNT_ANT1_802_11n(HT20)_2437



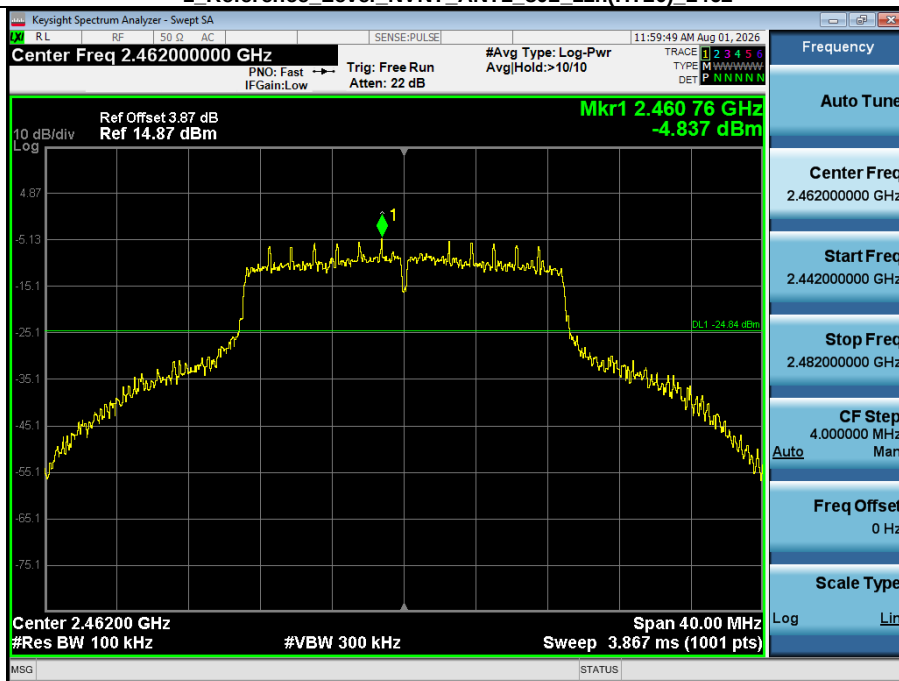
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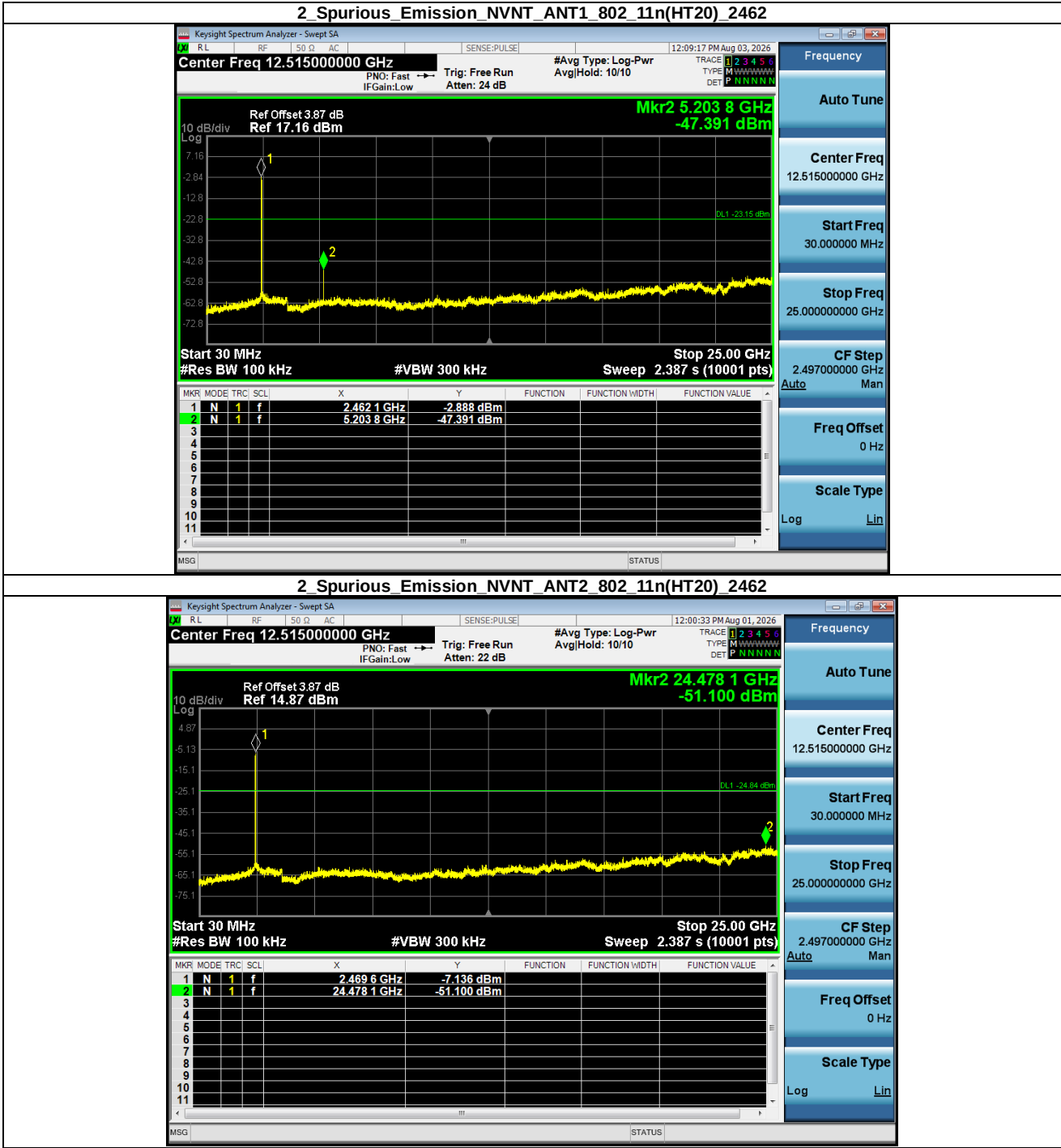


1 Reference_Level_NVNT_ANT1_802_11n(HT20)_2462

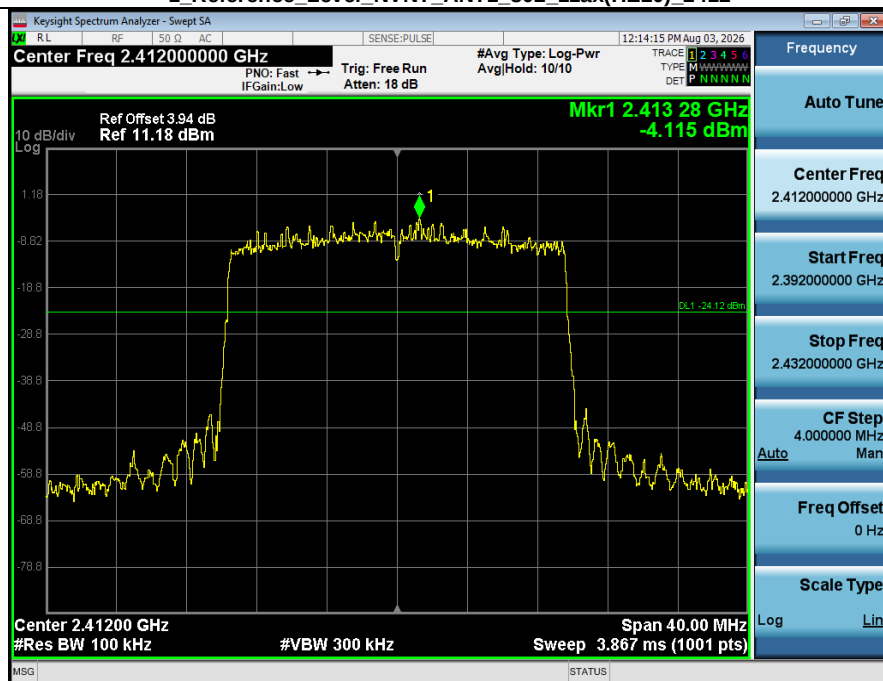


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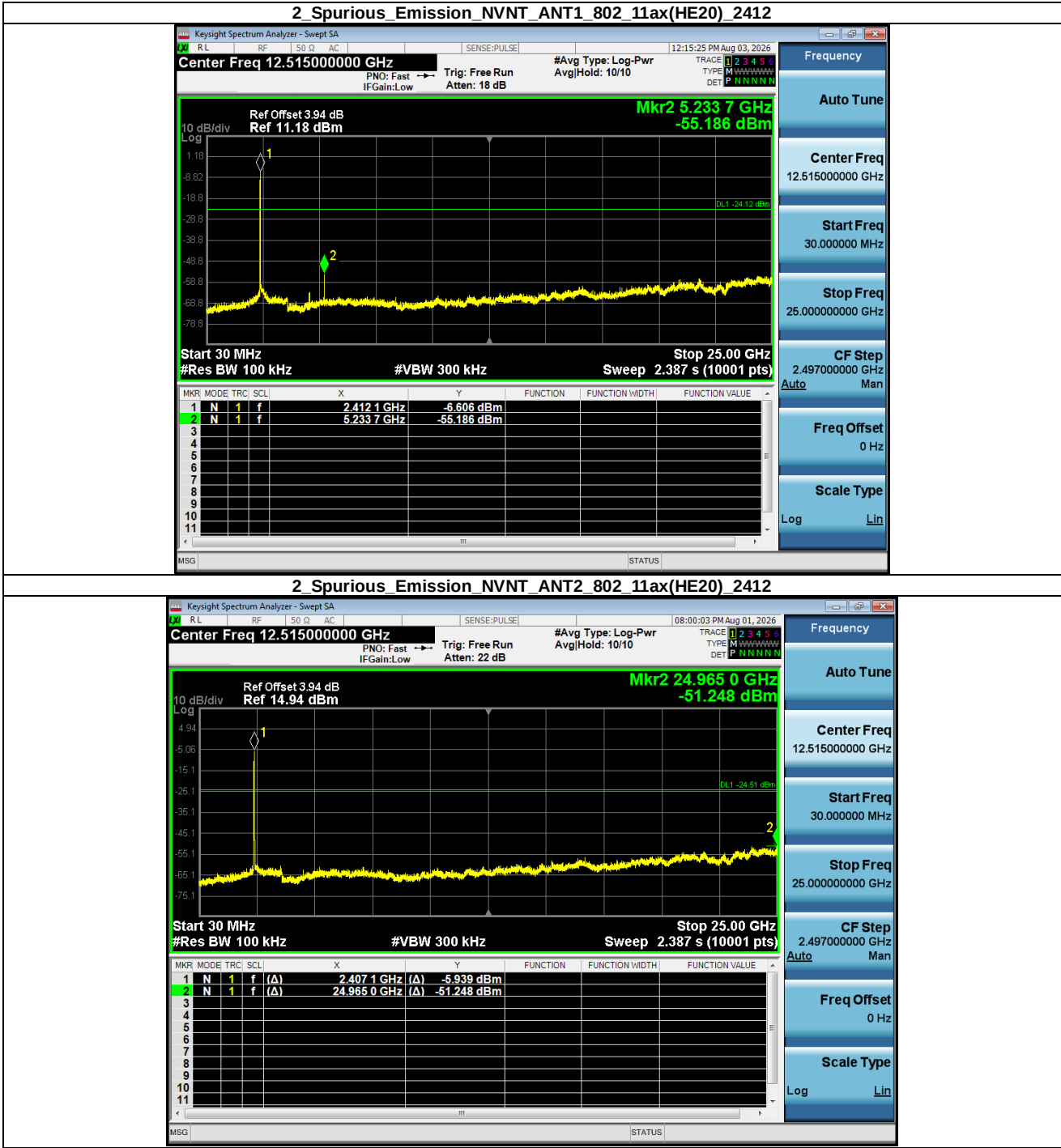


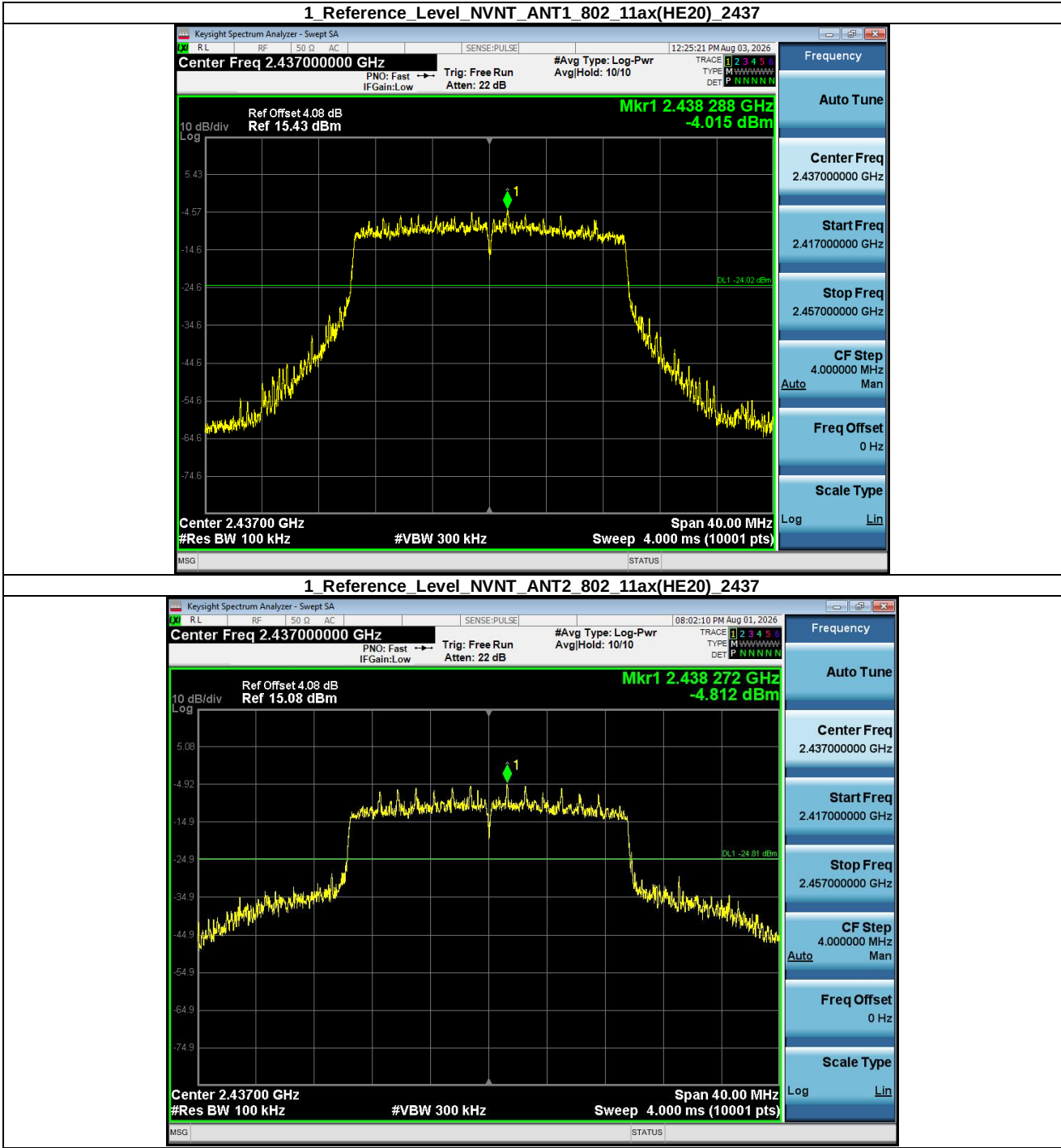
1 Reference Level NVNT ANT1 802 11ax(HE20) 2412



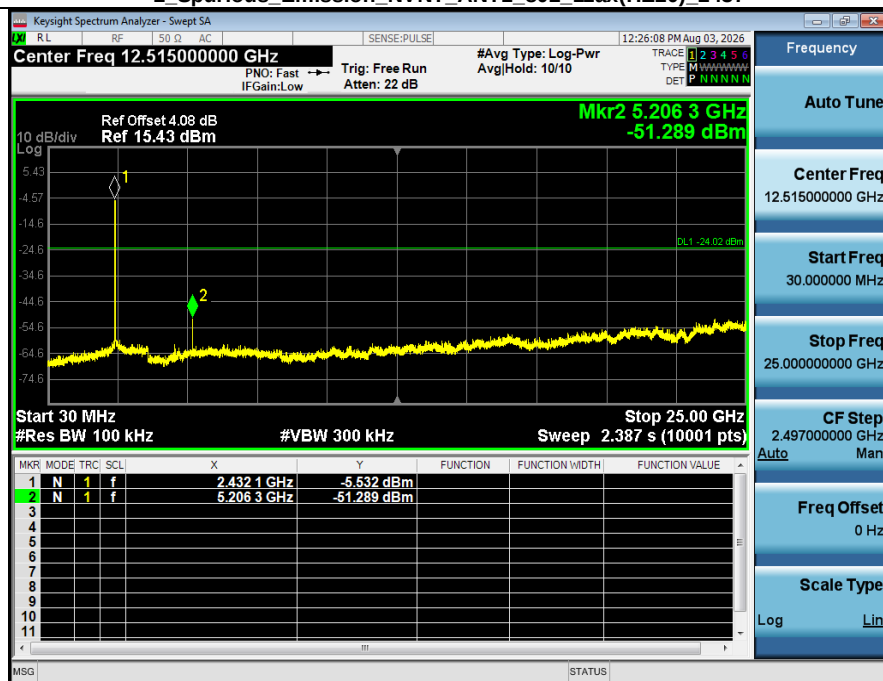
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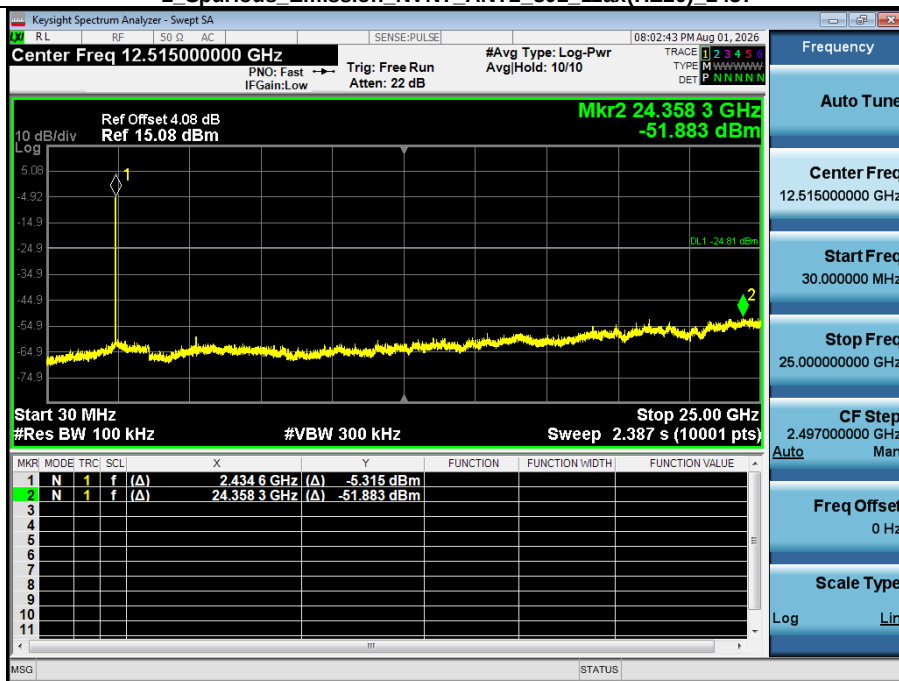




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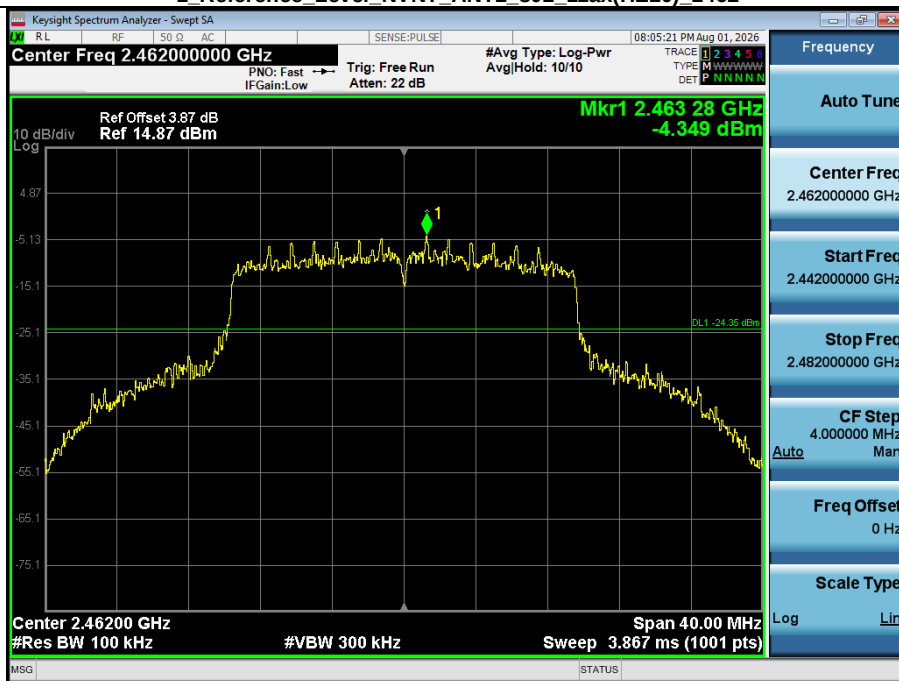
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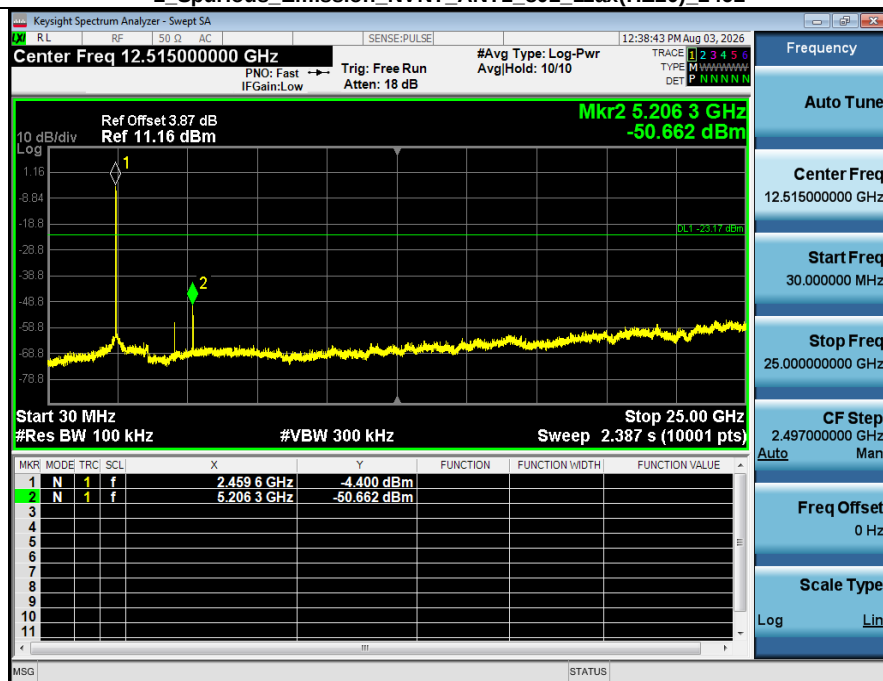
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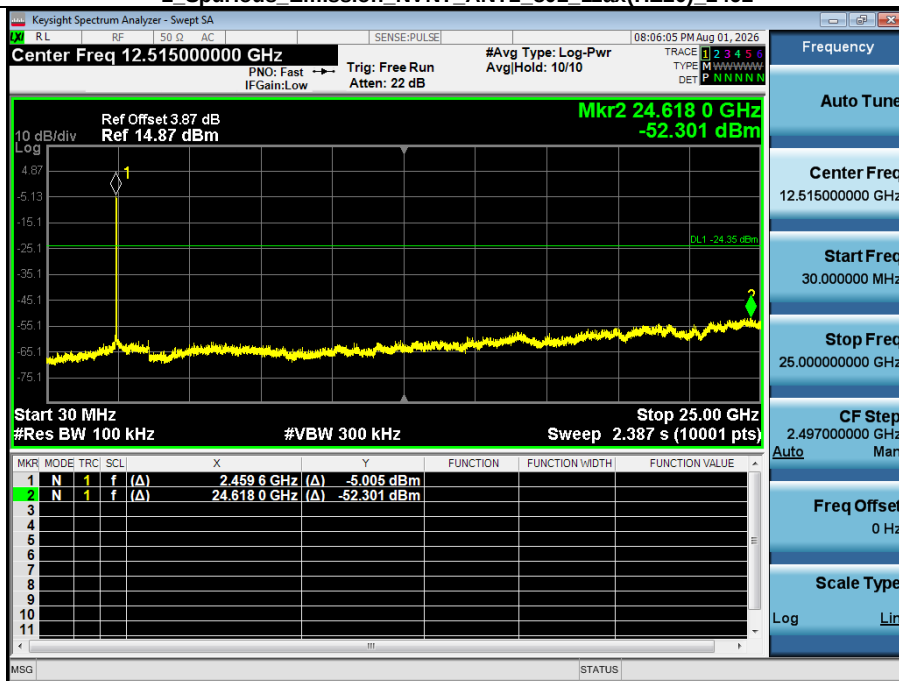
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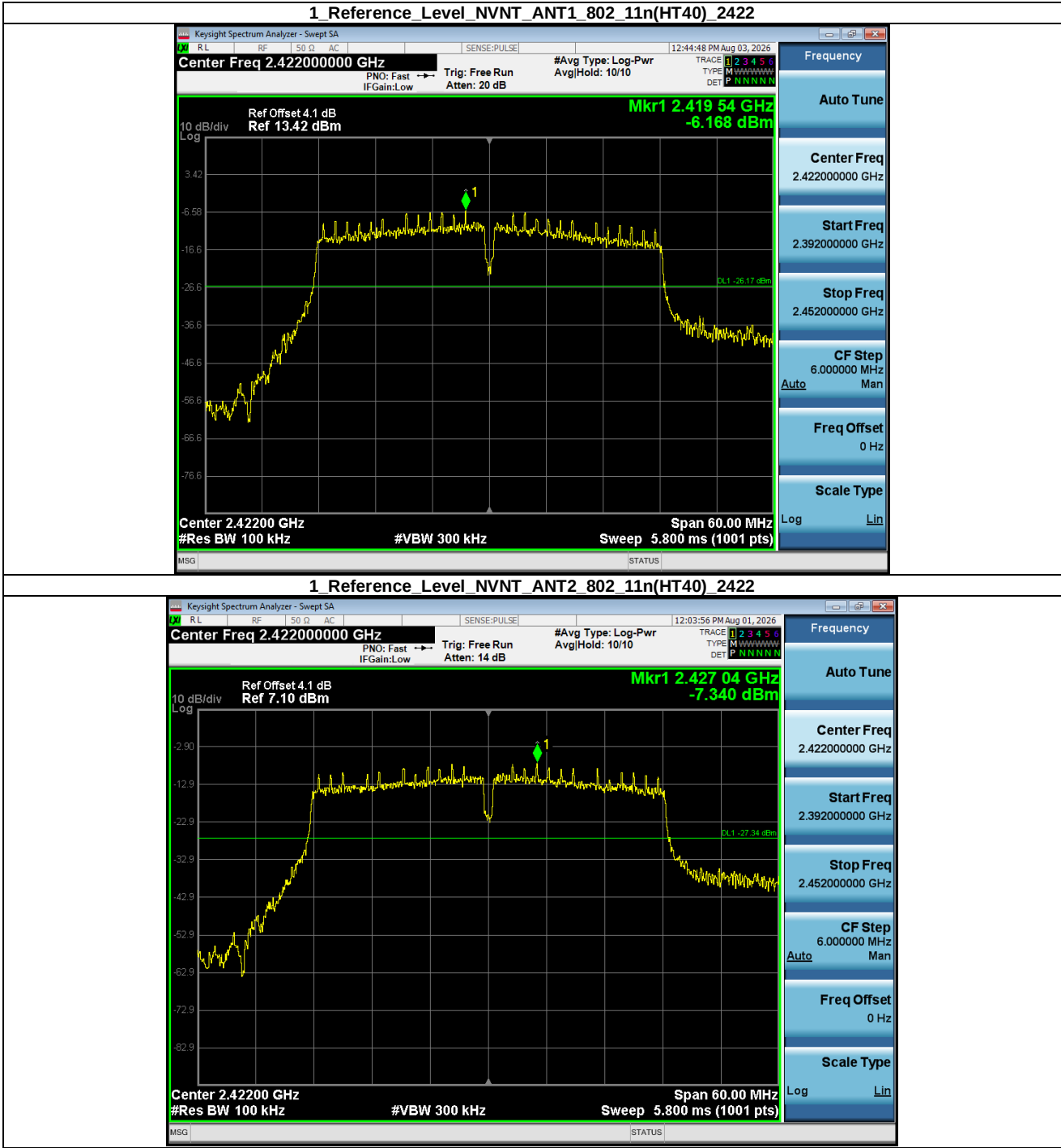


2 Spurious Emission NVNT ANT1 802 11ax(HE20) 2462

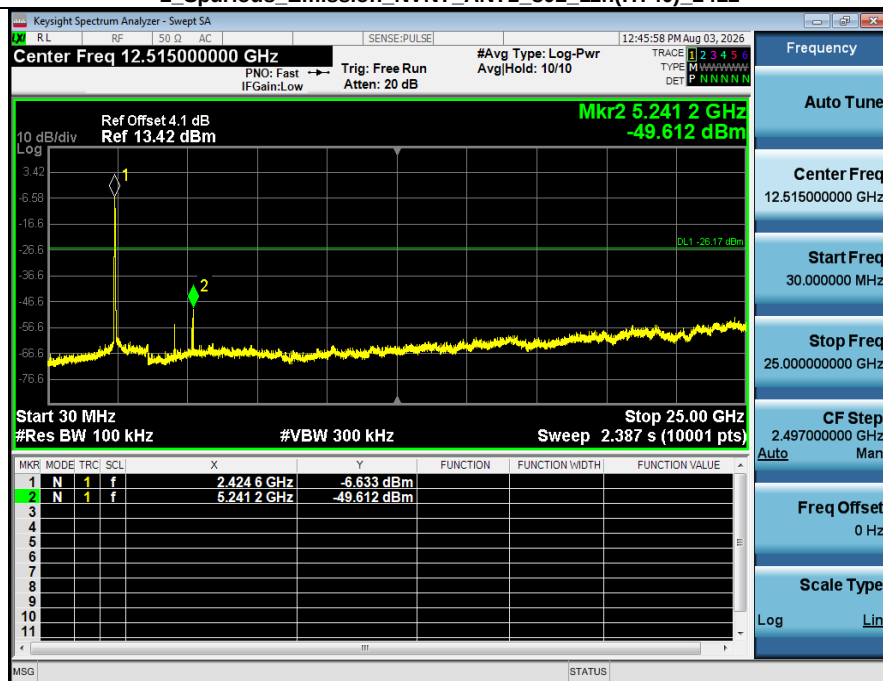


2 Spurious Emission NVNT ANT2 802 11ax(HE20) 2462

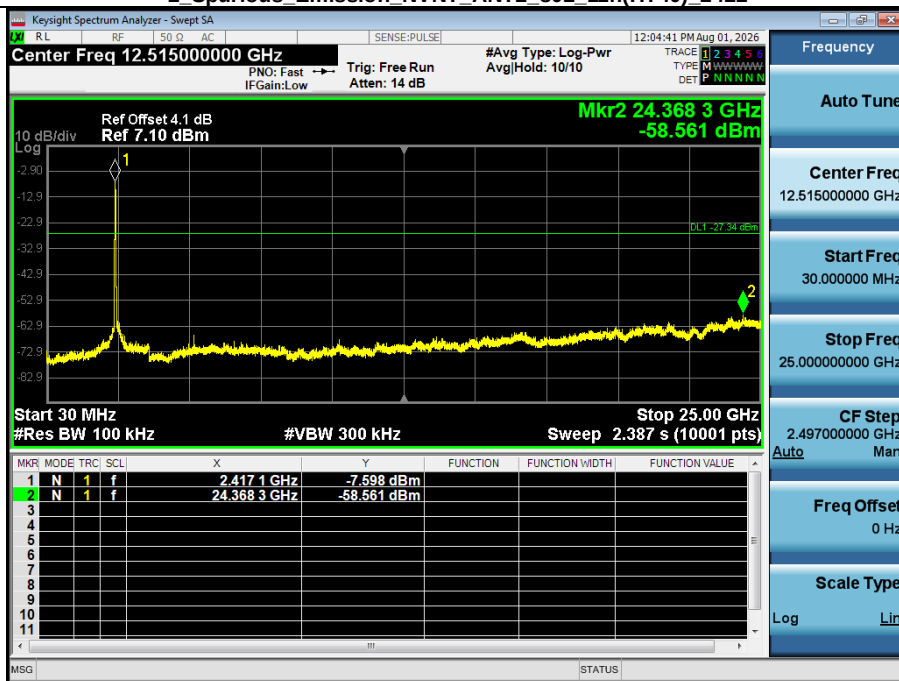




2_Spurious_Emission_NVNT_ANT1_802_11n(HT40)_2422



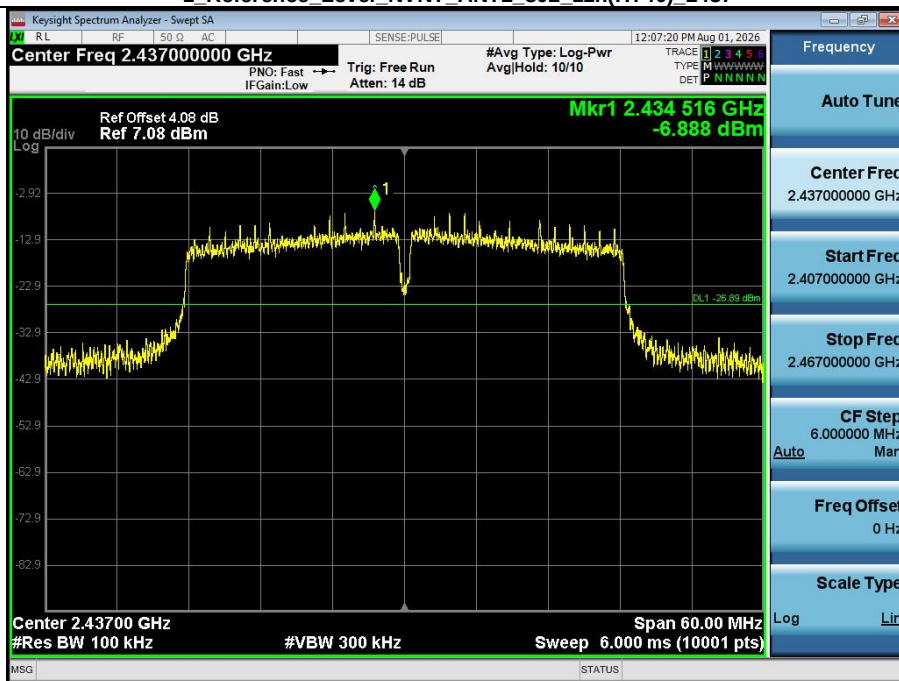
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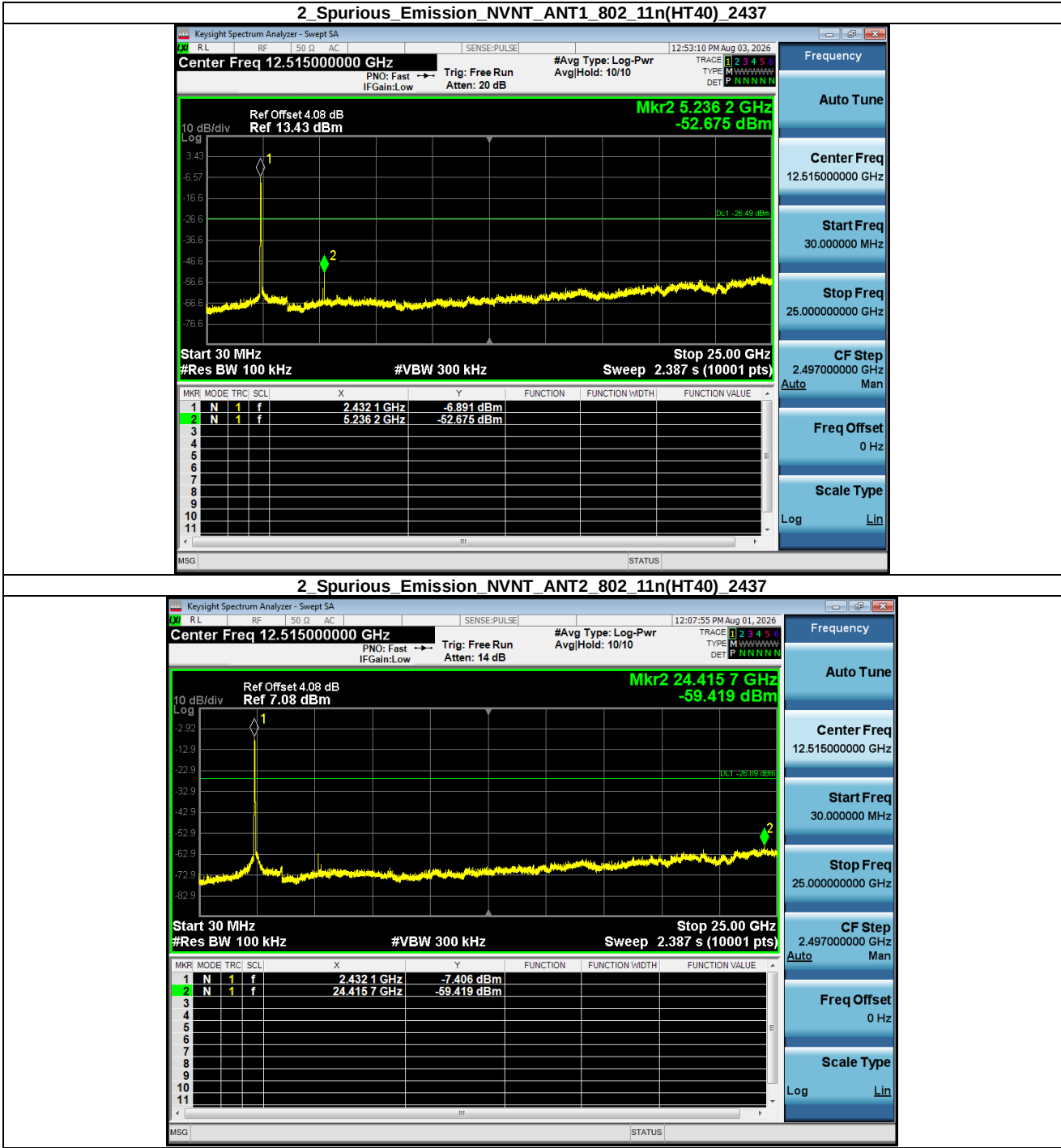


1 Reference Level NVNT_ANT1_802_11n(HT40)_2437

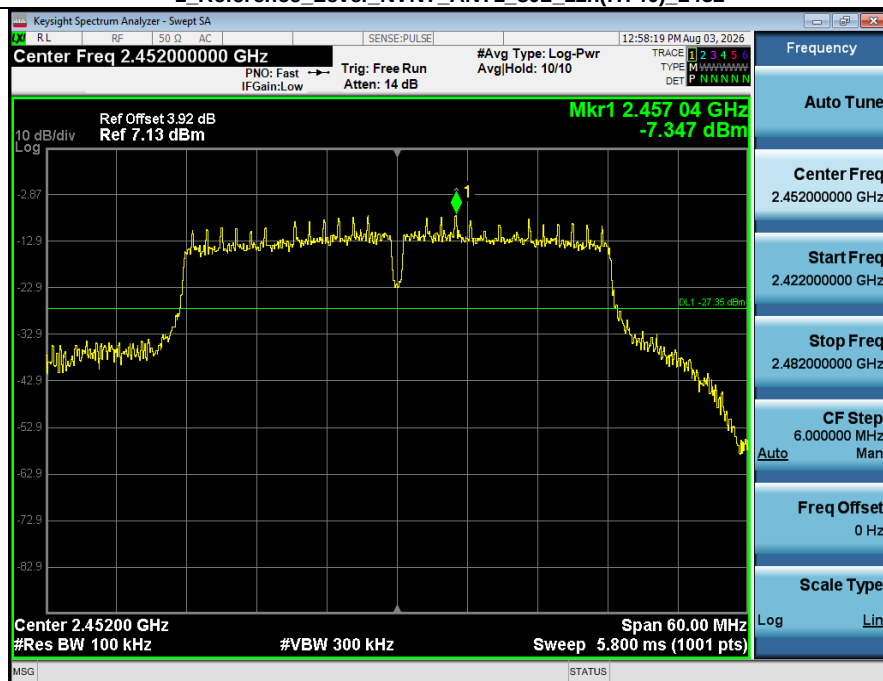


1 Reference Level NVNT_ANT2_802_11n(HT40)_2437

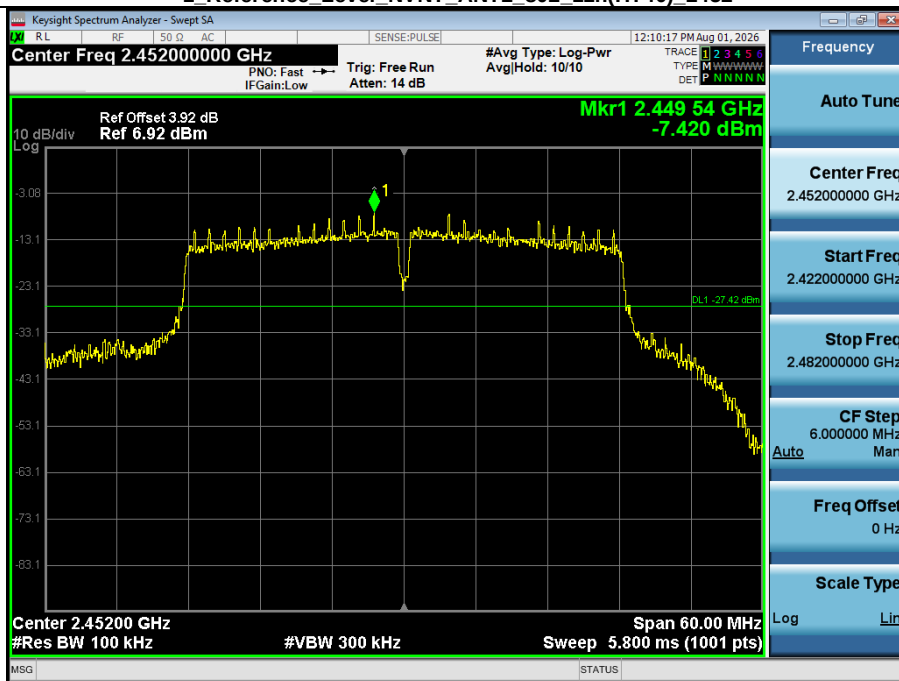


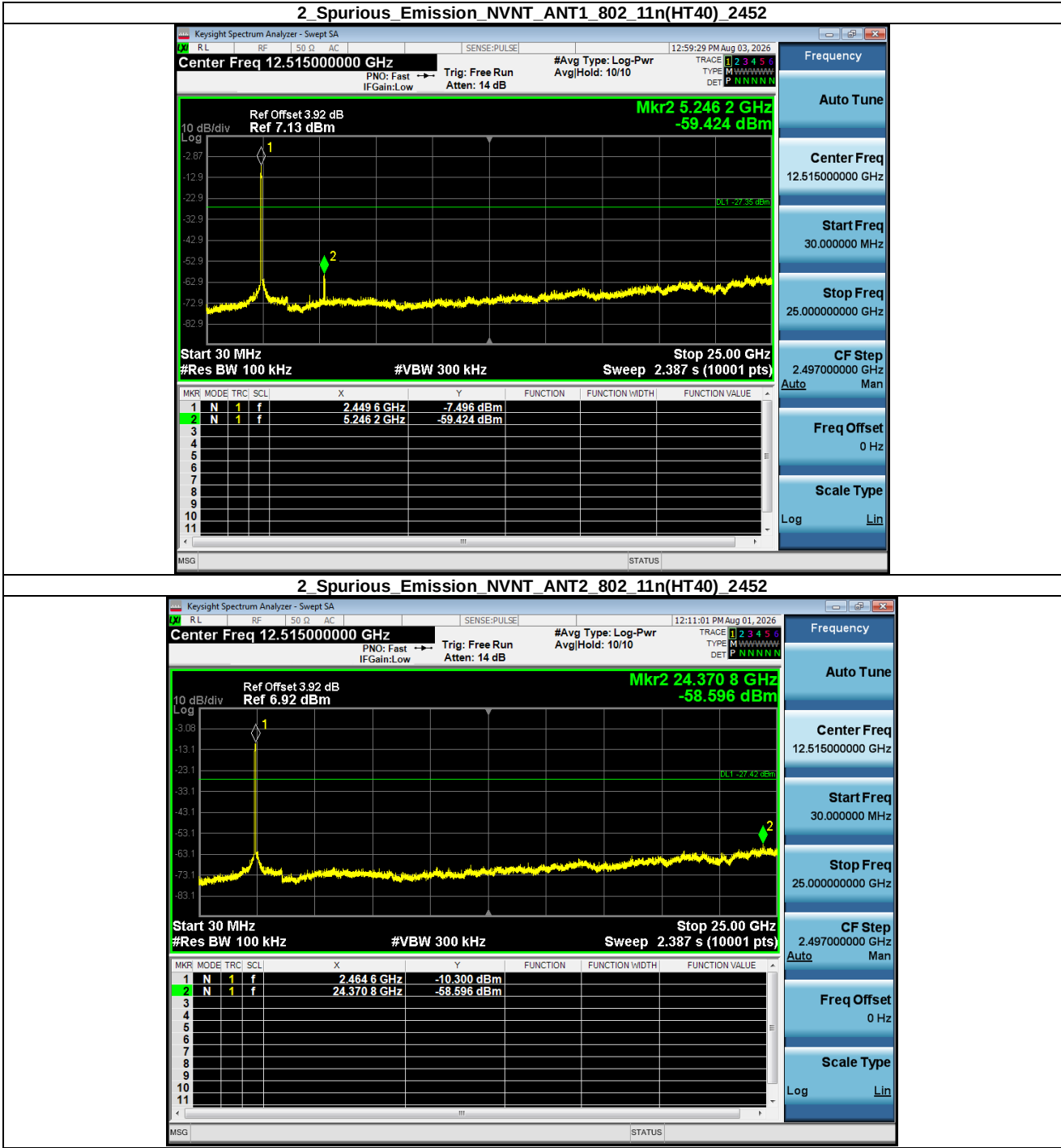


1 Reference_Level_NVNT_ANT1_802_11n(HT40)_2452

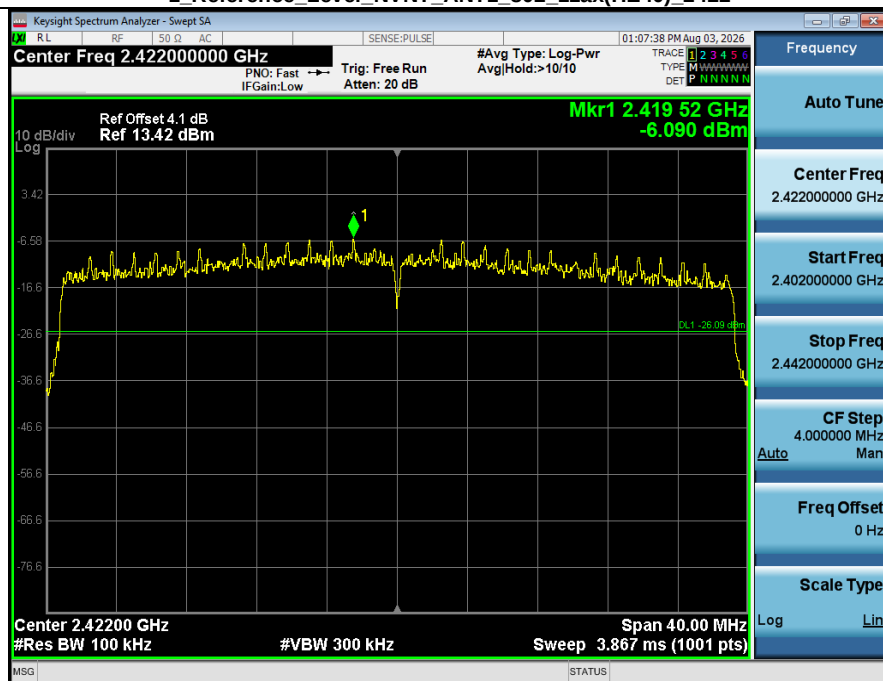


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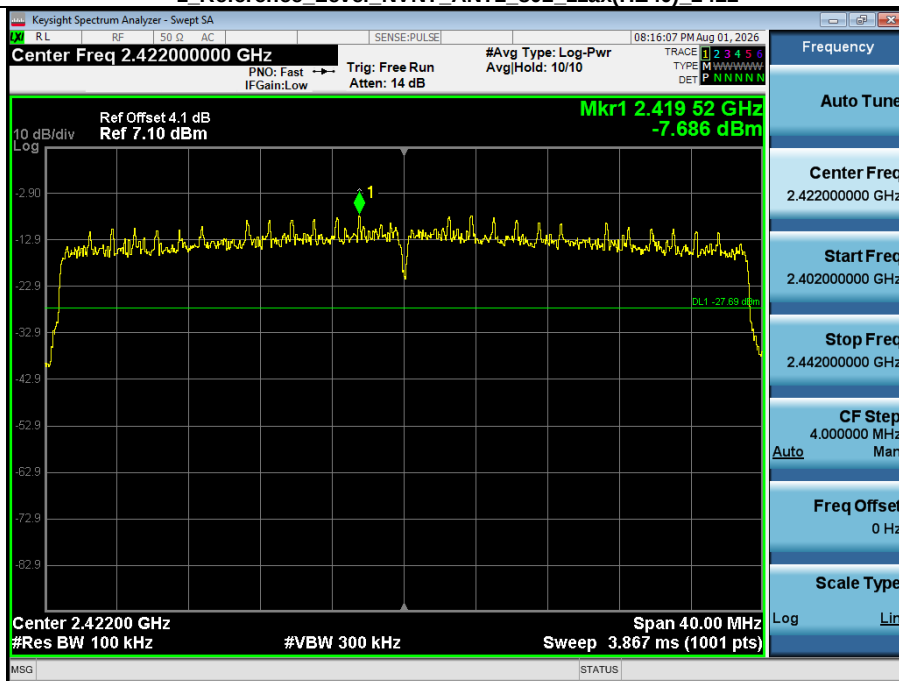




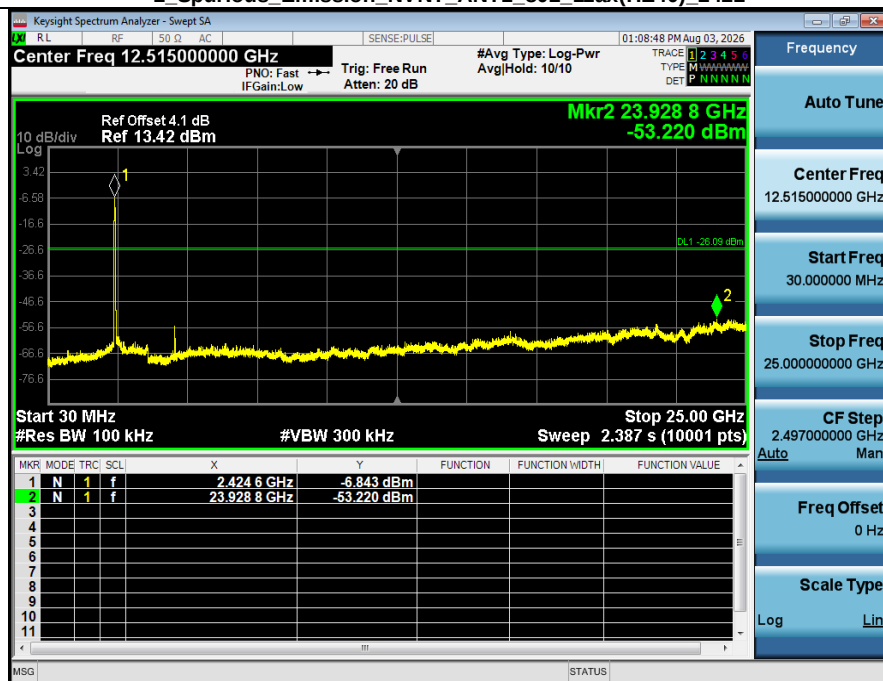
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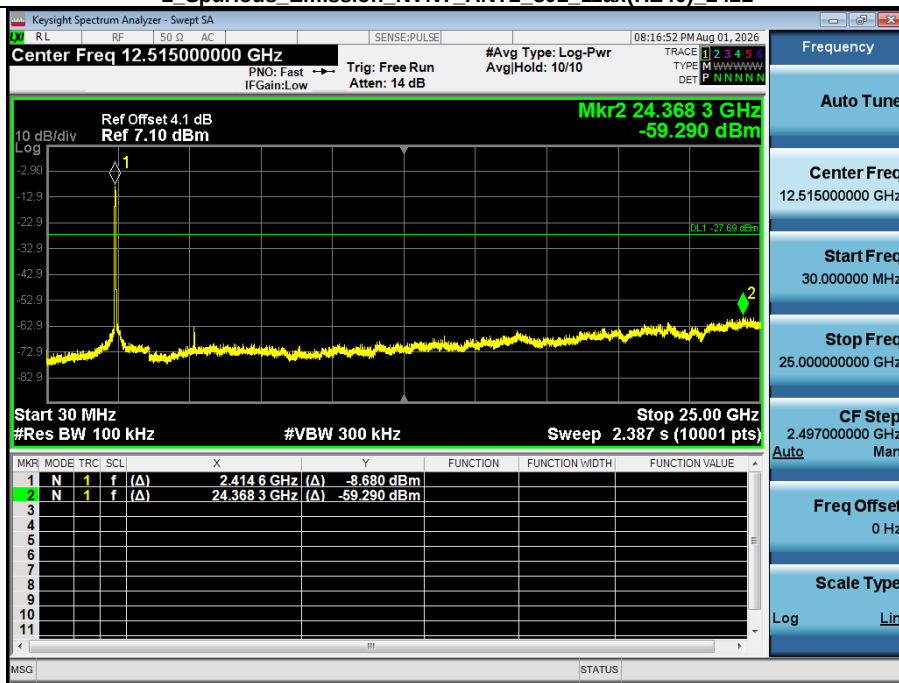
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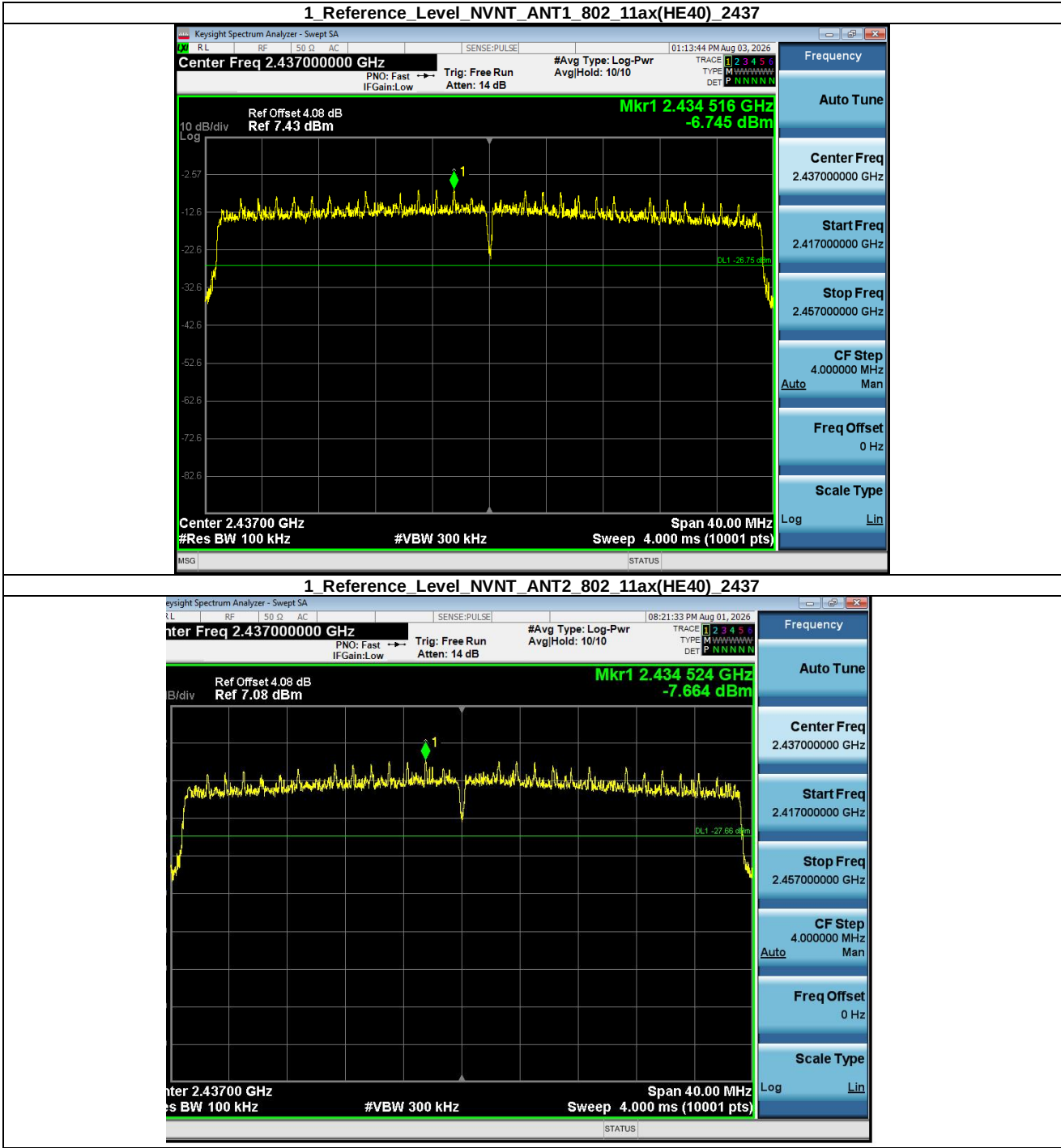


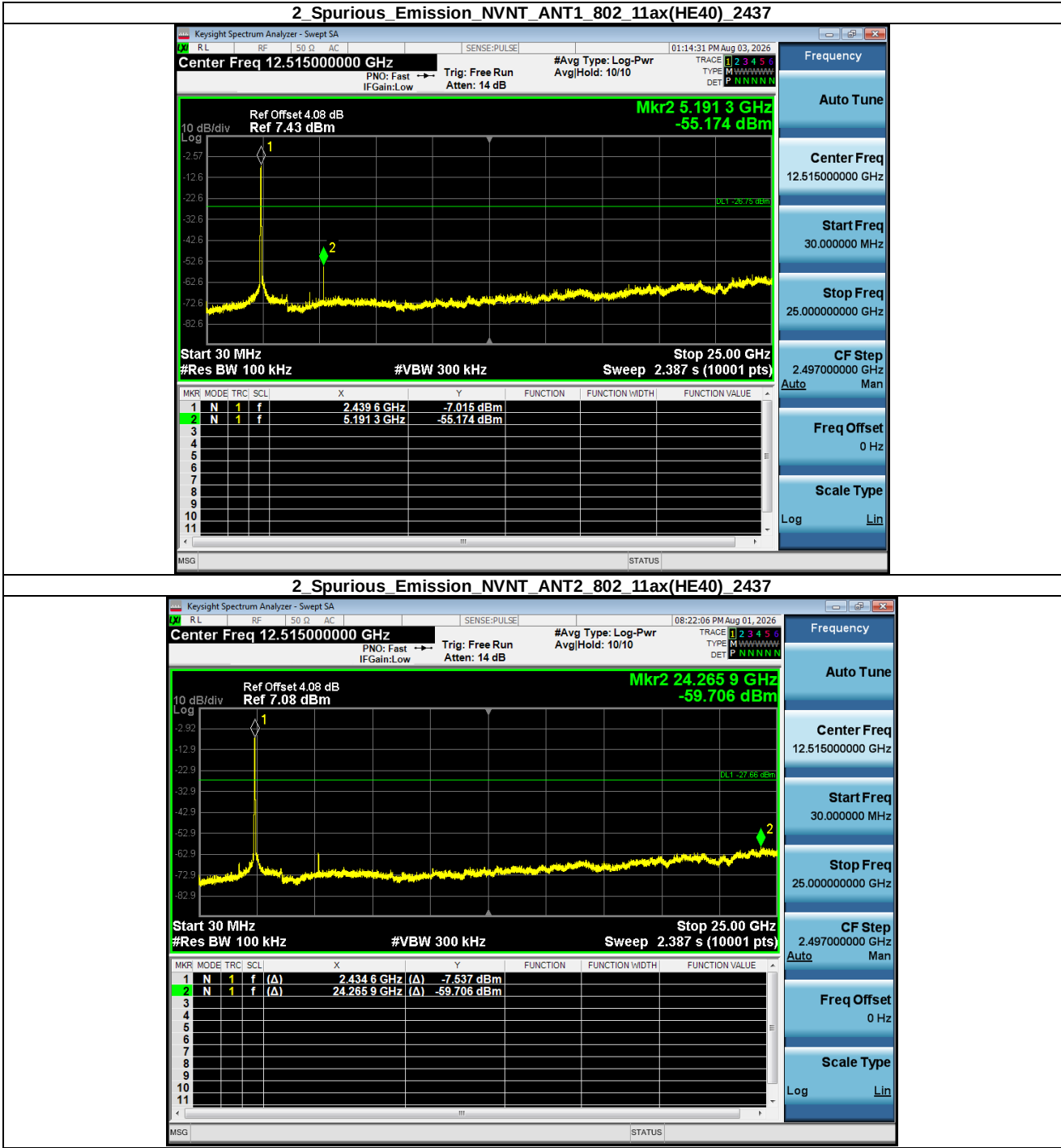
2 Spurious Emission NVNT ANT1 802_11ax(HE40) 2422

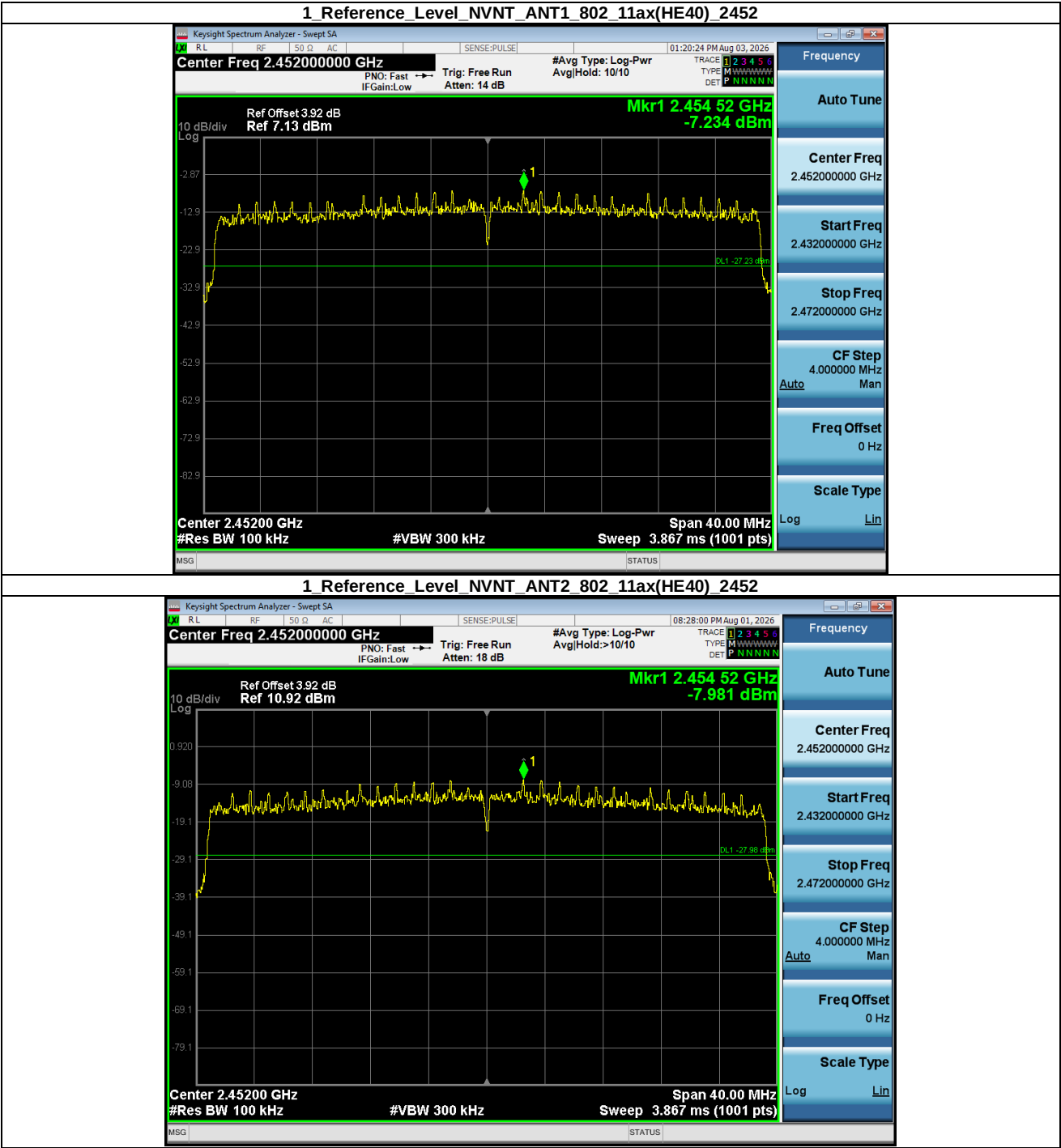


2 Spurious Emission NVNT ANT2 802_11ax(HE40) 2422

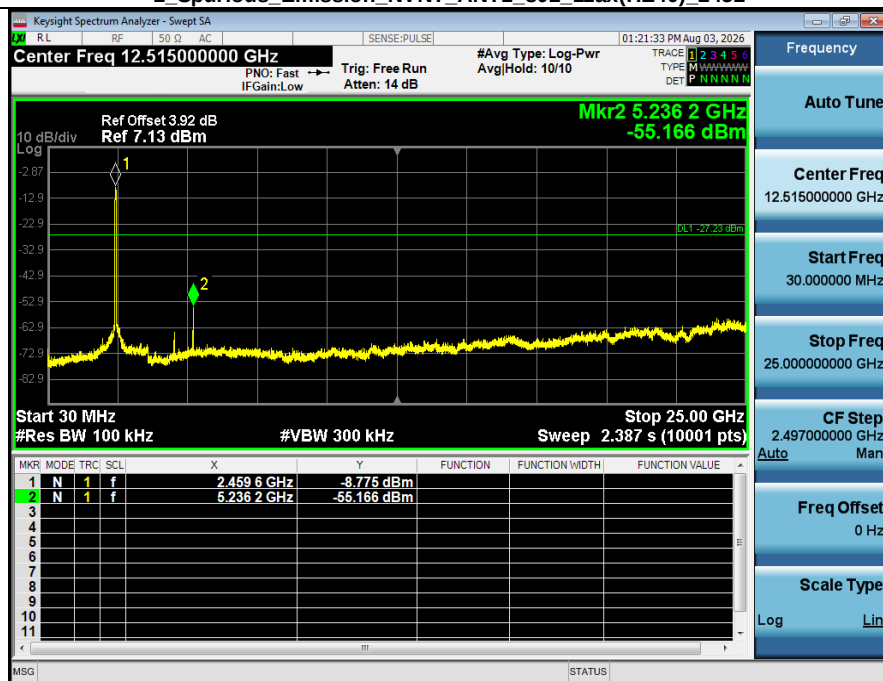




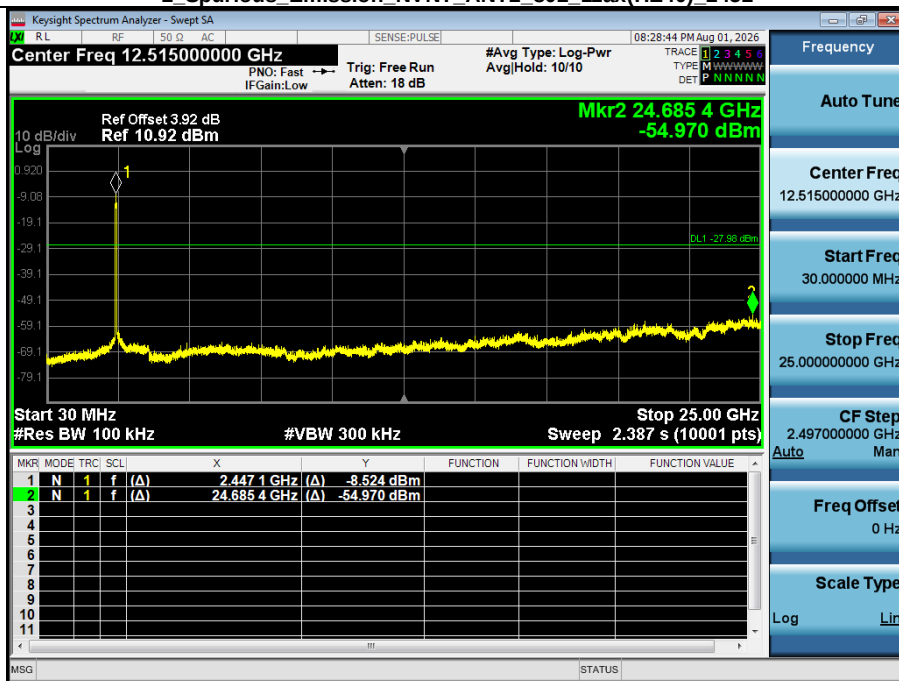




2 Spurious Emission NVNT ANT1 802 11ax(HE40) 2452



2 Spurious Emission NVNT ANT2 802 11ax(HE40) 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)

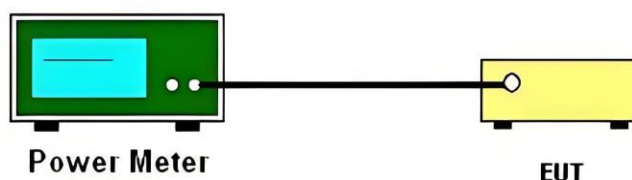
6.2. Test Procedure

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.
3. Measure out each mode and each bands peak output power of EUT.

Note: The cable 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	13.63	N/A	13.63	30	Pass
NVNT	ANT2	802.11b	2412.00	Peak	13.28	N/A	13.28	30	Pass
NVNT	ANT1	802.11b	2437.00	Peak	13.51	N/A	13.51	30	Pass
NVNT	ANT2	802.11b	2437.00	Peak	13.69	N/A	13.69	30	Pass
NVNT	ANT1	802.11b	2462.00	Peak	13.62	N/A	13.62	30	Pass
NVNT	ANT2	802.11b	2462.00	Peak	13.22	N/A	13.22	30	Pass
NVNT	ANT1	802.11g	2412.00	Peak	13.79	N/A	13.79	30	Pass
NVNT	ANT2	802.11g	2412.00	Peak	12.91	N/A	12.91	30	Pass
NVNT	ANT1	802.11g	2437.00	Peak	14.12	N/A	14.12	30	Pass
NVNT	ANT2	802.11g	2437.00	Peak	13.75	N/A	13.75	30	Pass
NVNT	ANT1	802.11g	2462.00	Peak	13.55	N/A	13.55	30	Pass
NVNT	ANT2	802.11g	2462.00	Peak	13.35	N/A	13.35	30	Pass
NVNT	ANT1	802.11n(HT20)	2412.00	Peak	13.78	N/A	13.78	30	Pass
NVNT	ANT2	802.11n(HT20)	2412.00	Peak	14.47	N/A	14.47	30	Pass
NVNT	ANT1	802.11n(HT20)	2437.00	Peak	14.59	N/A	14.59	30	Pass
NVNT	ANT2	802.11n(HT20)	2437.00	Peak	15.21	N/A	15.21	30	Pass
NVNT	ANT1	802.11n(HT20)	2462.00	Peak	14.12	N/A	14.12	30	Pass
NVNT	ANT2	802.11n(HT20)	2462.00	Peak	14.89	N/A	14.89	30	Pass
NVNT	ANT1	802.11ax(HE20)	2412.00	Peak	14.75	N/A	14.75	30	Pass
NVNT	ANT2	802.11ax(HE20)	2412.00	Peak	14.55	N/A	14.55	30	Pass
NVNT	ANT1	802.11ax(HE20)	2437.00	Peak	14.10	N/A	14.10	30	Pass
NVNT	ANT2	802.11ax(HE20)	2437.00	Peak	14.30	N/A	14.30	30	Pass
NVNT	ANT1	802.11ax(HE20)	2462.00	Peak	13.35	N/A	13.35	30	Pass
NVNT	ANT2	802.11ax(HE20)	2462.00	Peak	13.97	N/A	13.97	30	Pass
NVNT	ANT1	802.11n(HT40)	2422.00	Peak	13.39	N/A	13.39	30	Pass
NVNT	ANT2	802.11n(HT40)	2422.00	Peak	13.52	N/A	13.52	30	Pass
NVNT	ANT1	802.11n(HT40)	2437.00	Peak	13.55	N/A	13.55	30	Pass
NVNT	ANT2	802.11n(HT40)	2437.00	Peak	14.13	N/A	14.13	30	Pass
NVNT	ANT1	802.11n(HT40)	2452.00	Peak	13.35	N/A	13.35	30	Pass

NVNT	ANT2	802.11n(HT40)	2452.00	Peak	14.07	N/A	14.07	30	Pass
NVNT	ANT1	802.11ax(HE40)	2422.00	Peak	14.79	N/A	14.79	30	Pass
NVNT	ANT2	802.11ax(HE40)	2422.00	Peak	14.08	N/A	14.08	30	Pass
NVNT	ANT1	802.11ax(HE40)	2437.00	Peak	14.45	N/A	14.45	30	Pass
NVNT	ANT2	802.11ax(HE40)	2437.00	Peak	14.25	N/A	14.25	30	Pass
NVNT	ANT1	802.11ax(HE40)	2452.00	Peak	14.41	N/A	14.41	30	Pass
NVNT	ANT2	802.11ax(HE40)	2452.00	Peak	14.63	N/A	14.63	30	Pass

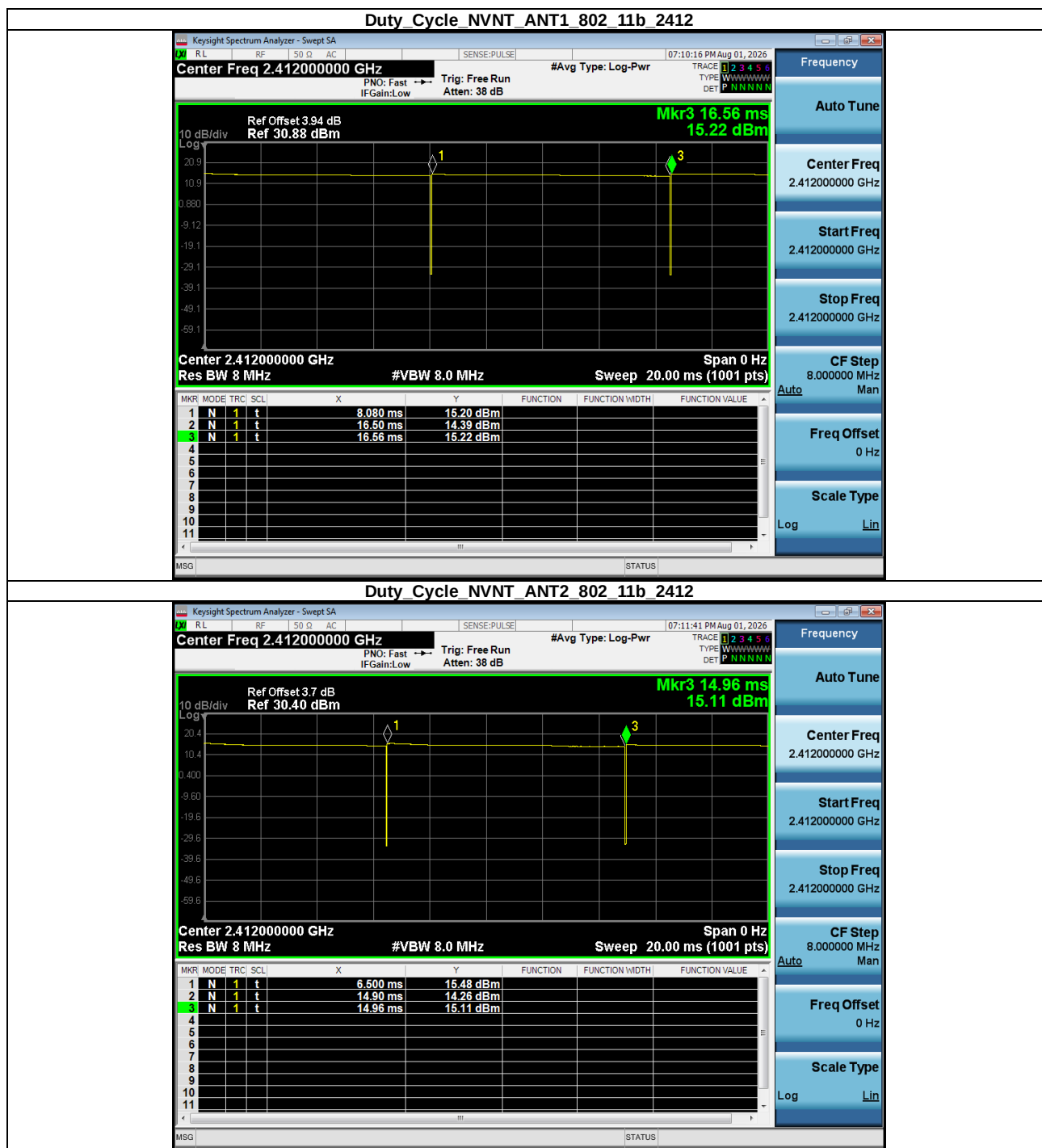
Condition	Antenna	Mode	Frequency(MHz)	MIMO_Conducted_Power(dBm)	Limit(dBm)	Result
NVNT	MIMO_TX	802.11n(HT20)	2412.00	17.15	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	2437.00	17.92	30	Pass
NVNT	MIMO_TX	802.11n(HT20)	2462.00	17.53	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	2412.00	17.66	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	2437.00	17.21	30	Pass
NVNT	MIMO_TX	802.11ax(HE20)	2462.00	16.68	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	2422.00	16.47	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	2437.00	16.86	30	Pass
NVNT	MIMO_TX	802.11n(HT40)	2452.00	16.74	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	2422.00	17.46	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	2437.00	17.36	30	Pass
NVNT	MIMO_TX	802.11ax(HE40)	2452.00	17.53	30	Pass

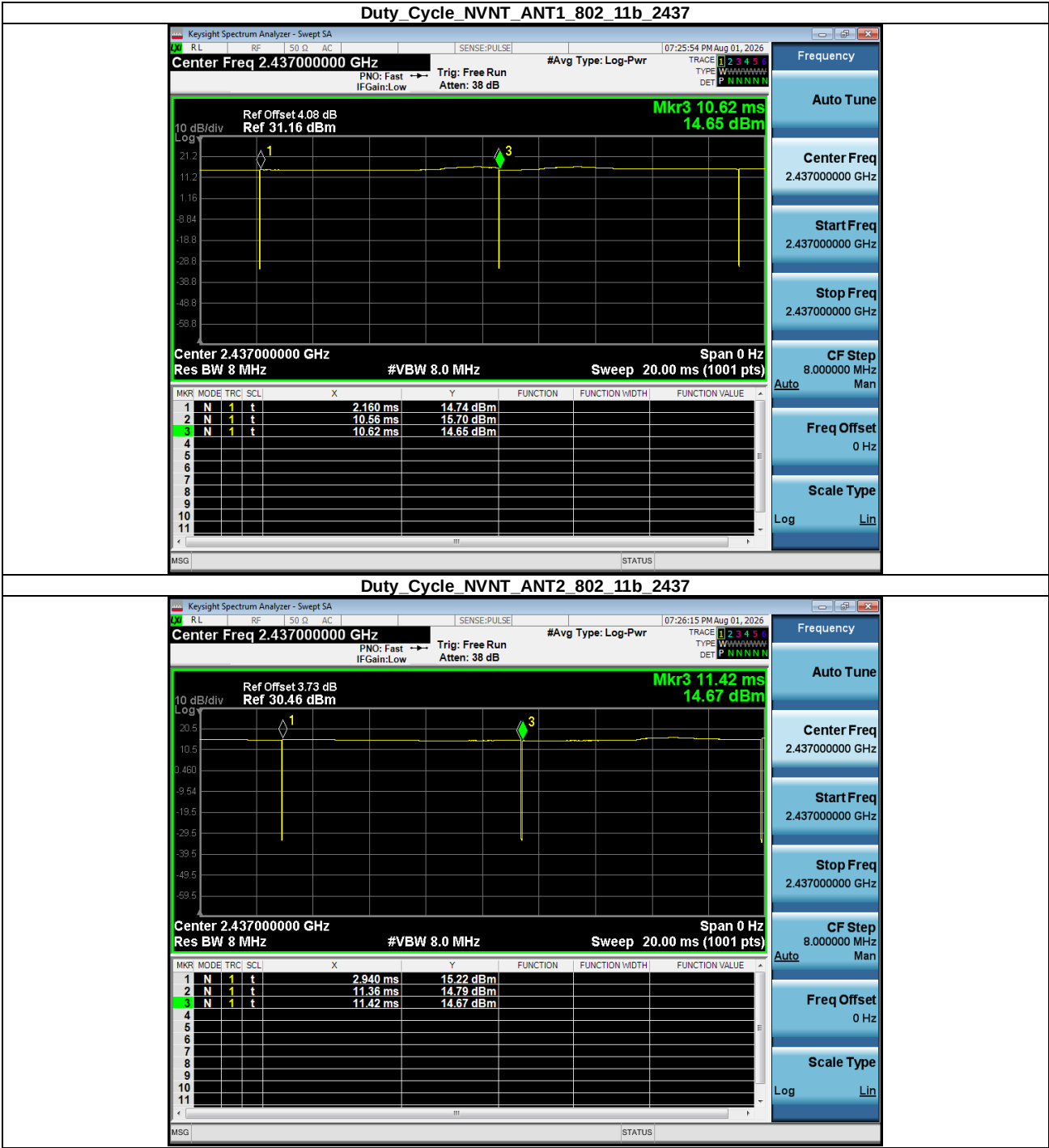
Note: 1. The measure-and-sum technique shall be used for measuring in-band transmit power of a device. Total power is the sum of the conducted power levels measured at the various output ports.

(First measure the power (mW) of each antenna separately, and the total power is equal to Ant1mW + Ant2mW+....)

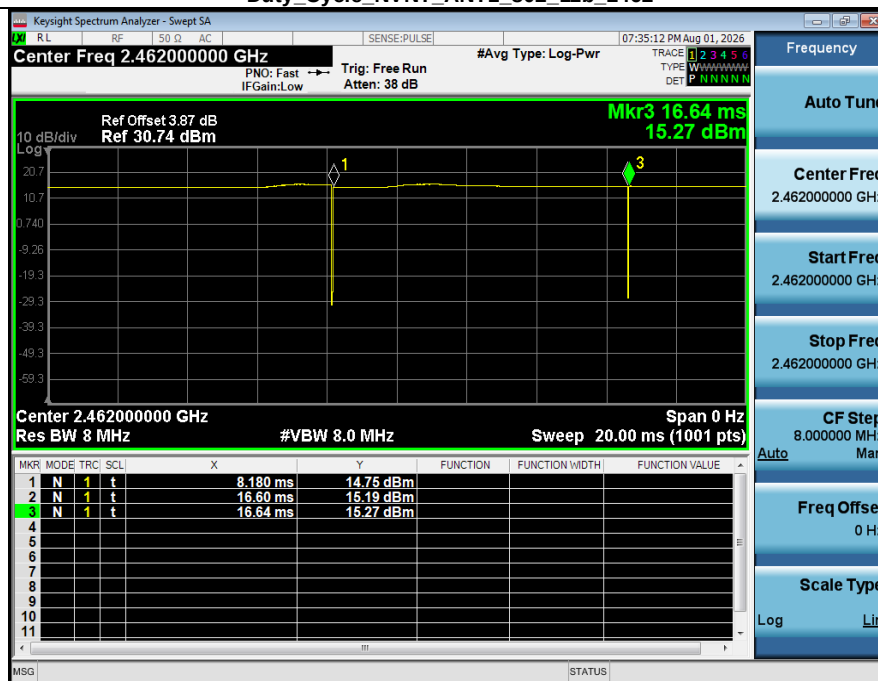
Duty cycle

Condition	Antenna	Modulation	Frequency (MHz)	Duty cycle(%)	Duty factor(dB)
NVNT	ANT1	802.11b	2412.00	99.53	0.00
NVNT	ANT2	802.11b	2412.00	99.53	0.00
NVNT	ANT1	802.11b	2437.00	99.53	0.00
NVNT	ANT2	802.11b	2437.00	99.53	0.00
NVNT	ANT1	802.11b	2462.00	99.76	0.00
NVNT	ANT2	802.11b	2462.00	99.53	0.00
NVNT	ANT1	802.11g	2412.00	97.22	0.12
NVNT	ANT2	802.11g	2412.00	97.26	0.12
NVNT	ANT1	802.11g	2437.00	97.26	0.12
NVNT	ANT2	802.11g	2437.00	98.61	0.00
NVNT	ANT1	802.11g	2462.00	97.26	0.12
NVNT	ANT2	802.11g	2462.00	97.26	0.12
NVNT	ANT1	802.11n(HT20)	2412.00	94.59	0.24
NVNT	ANT2	802.11n(HT20)	2412.00	94.44	0.25
NVNT	ANT1	802.11n(HT20)	2437.00	94.59	0.24
NVNT	ANT2	802.11n(HT20)	2437.00	94.59	0.24
NVNT	ANT1	802.11n(HT20)	2462.00	94.59	0.24
NVNT	ANT2	802.11n(HT20)	2462.00	97.22	0.12
NVNT	ANT1	802.11ax(HE20)	2412.00	91.30	0.40
NVNT	ANT2	802.11ax(HE20)	2412.00	95.45	0.20
NVNT	ANT1	802.11ax(HE20)	2437.00	91.30	0.40
NVNT	ANT2	802.11ax(HE20)	2437.00	91.30	0.40
NVNT	ANT1	802.11ax(HE20)	2462.00	94.59	0.24
NVNT	ANT2	802.11ax(HE20)	2462.00	94.59	0.24
NVNT	ANT1	802.11n(HT40)	2422.00	90.00	0.46
NVNT	ANT2	802.11n(HT40)	2422.00	90.48	0.43
NVNT	ANT1	802.11n(HT40)	2437.00	90.48	0.43
NVNT	ANT2	802.11n(HT40)	2437.00	95.00	0.22
NVNT	ANT1	802.11n(HT40)	2452.00	90.48	0.43
NVNT	ANT2	802.11n(HT40)	2452.00	85.00	0.71
NVNT	ANT1	802.11ax(HE40)	2422.00	84.62	0.73
NVNT	ANT2	802.11ax(HE40)	2422.00	84.62	0.73
NVNT	ANT1	802.11ax(HE40)	2437.00	84.62	0.73
NVNT	ANT2	802.11ax(HE40)	2437.00	84.62	0.73
NVNT	ANT1	802.11ax(HE40)	2452.00	84.62	0.73
NVNT	ANT2	802.11ax(HE40)	2452.00	84.62	0.73

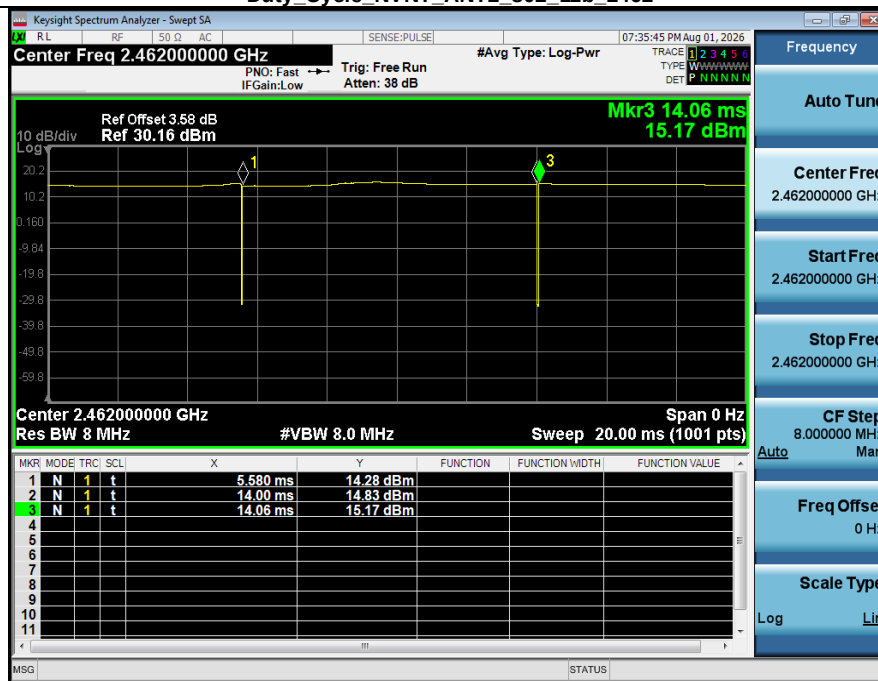


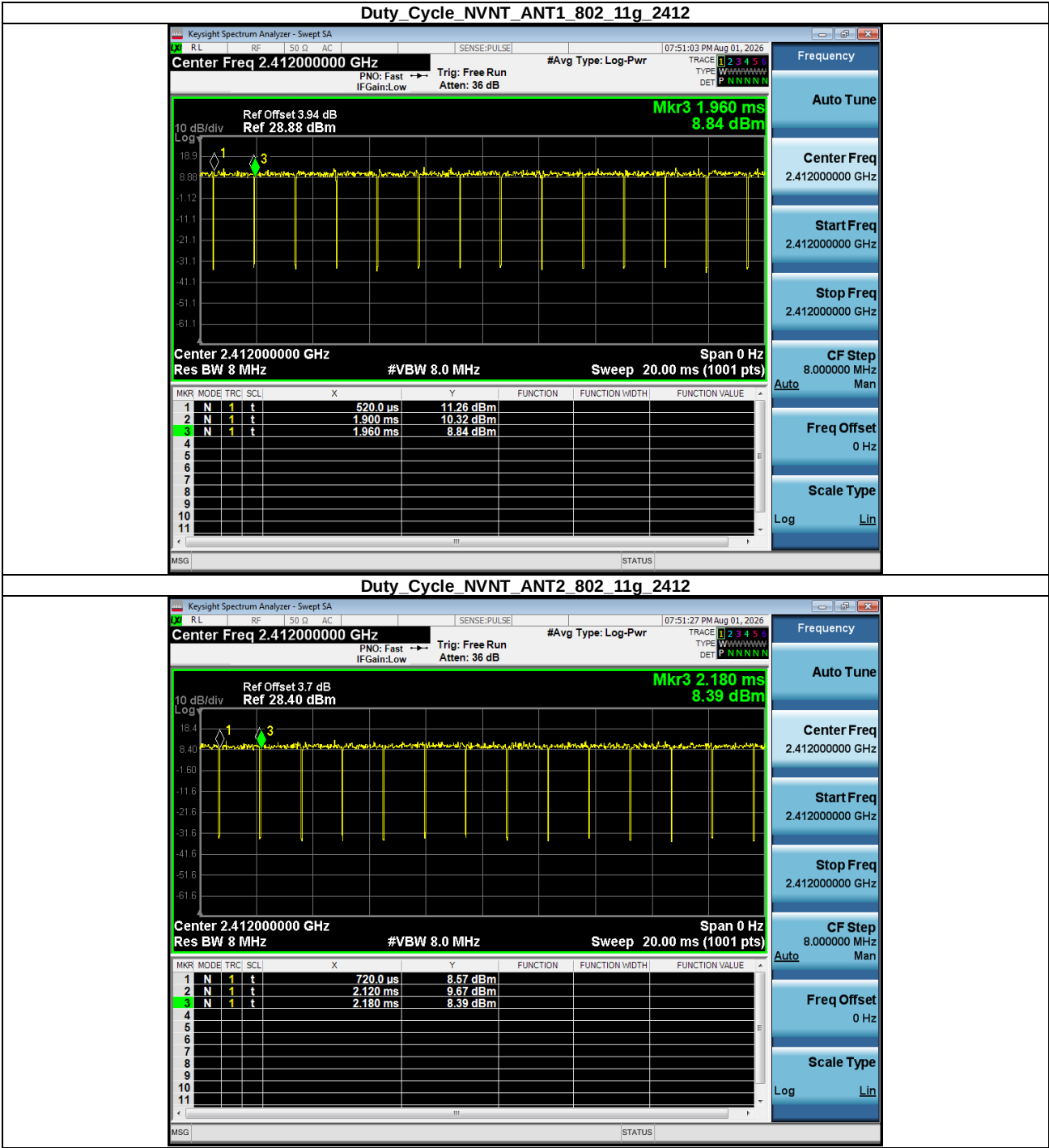


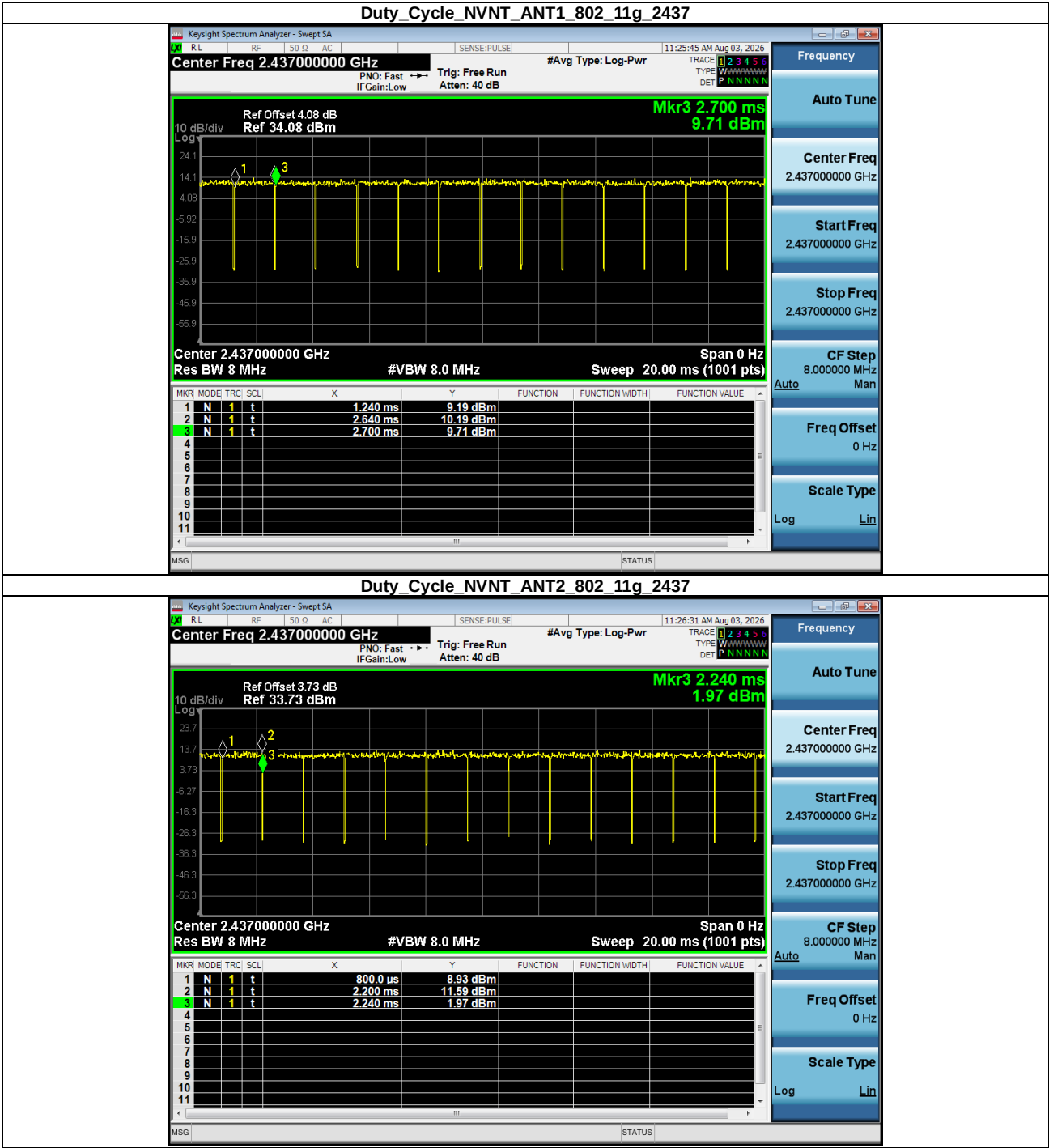
Duty Cycle NVNT ANT1 802 11b 2462



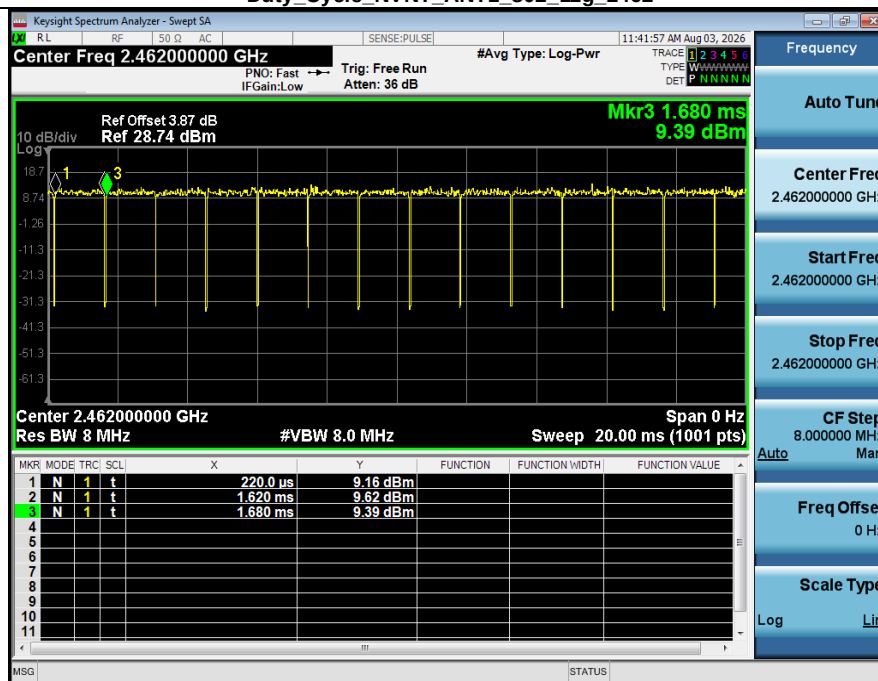
Duty Cycle NVNT ANT2 802 11b 2462



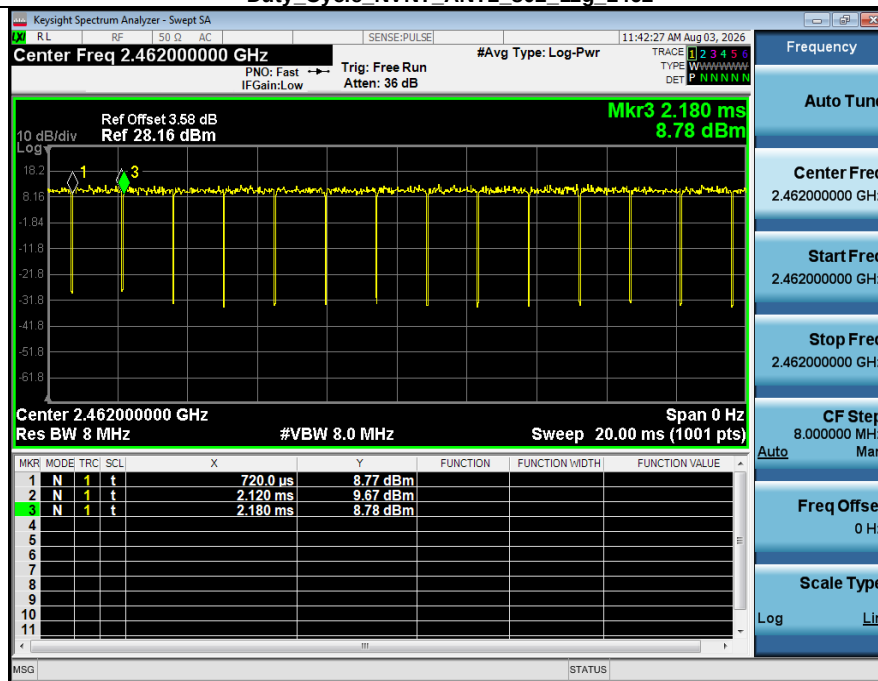


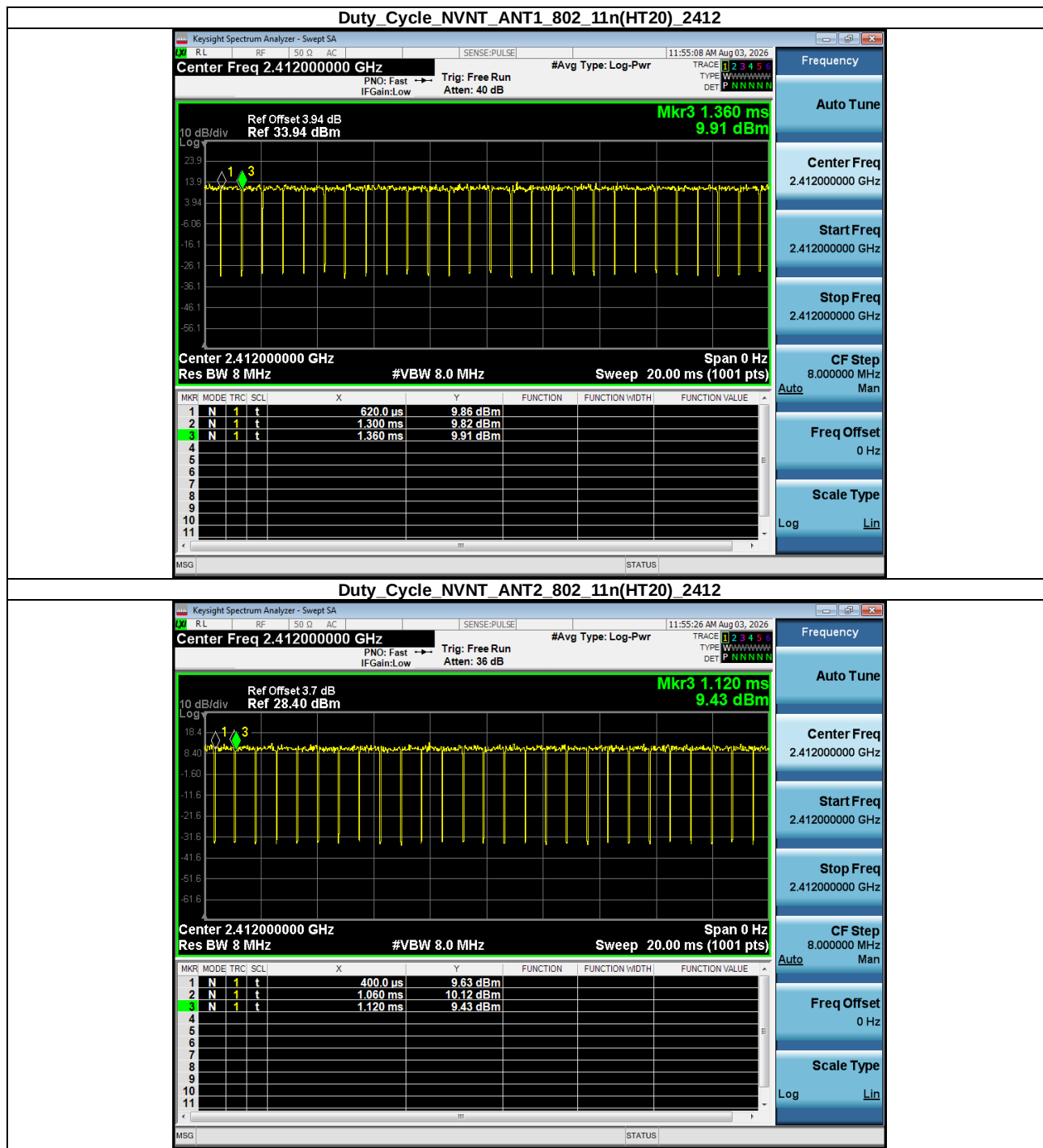


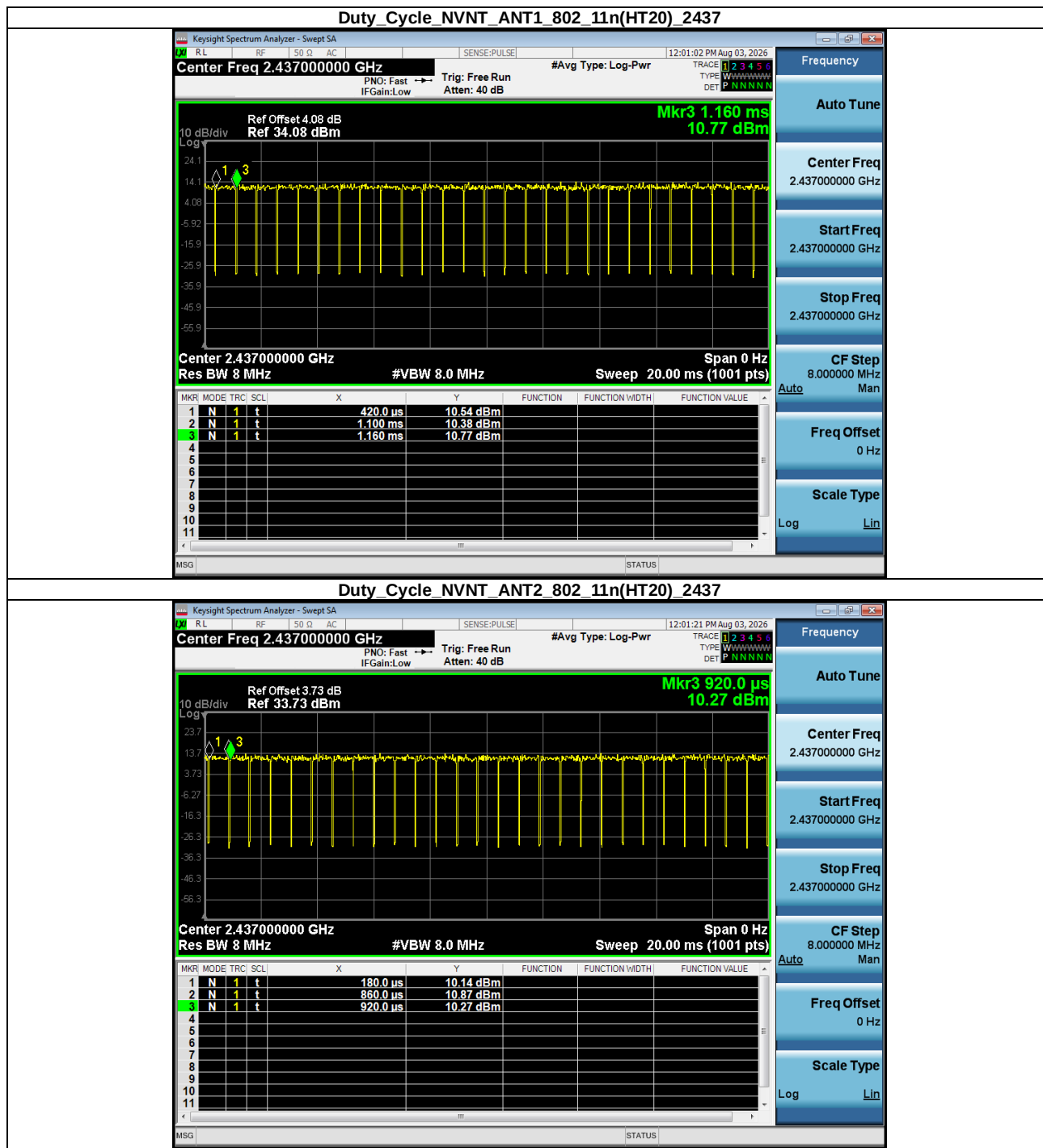
Duty Cycle NVNT ANT1 802 11g 2462



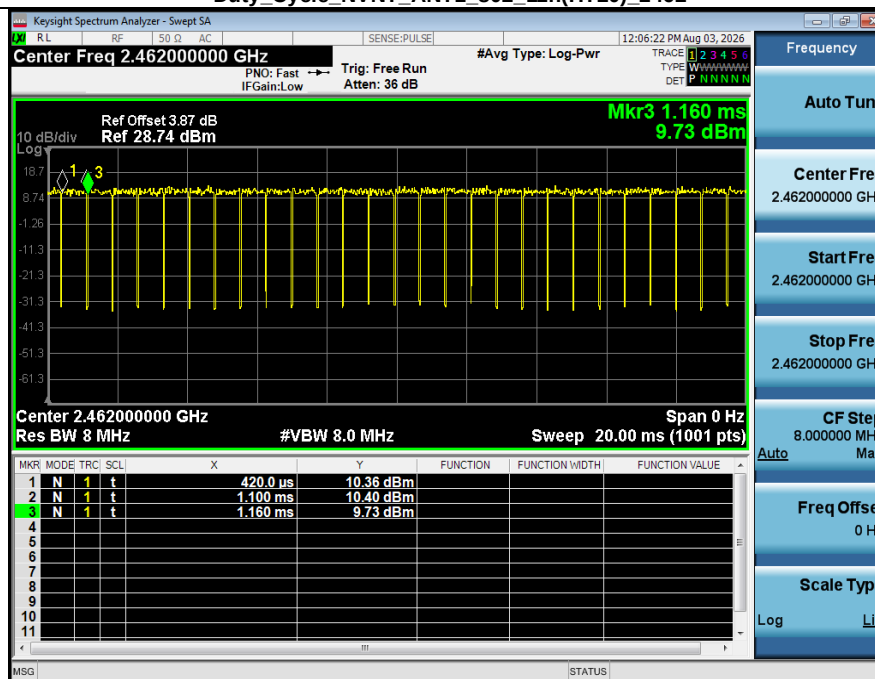
Duty Cycle NVNT ANT2 802 11g 2462







Duty Cycle NVNT ANT1 802_11n(HT20) 2462



Duty Cycle NVNT ANT2 802_11n(HT20) 2462

