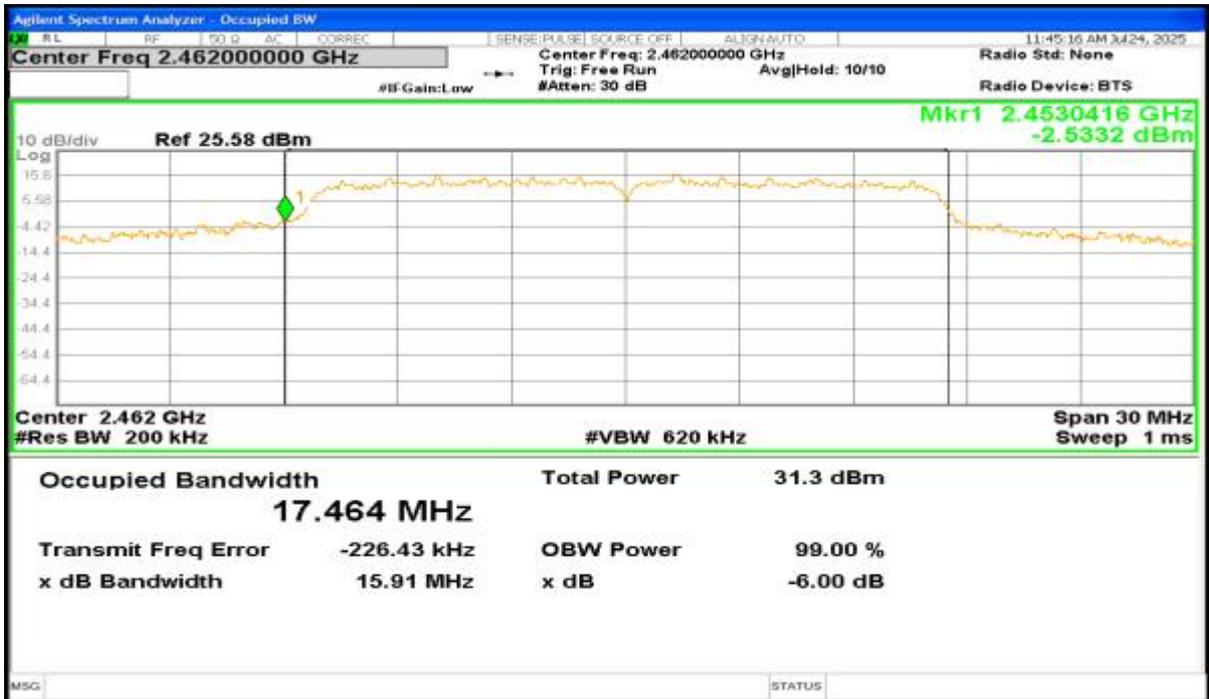


6BW,11g(HT20),Highest



OCB,11g(HT20),Highest



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6BW,11n(HT20),Lowest



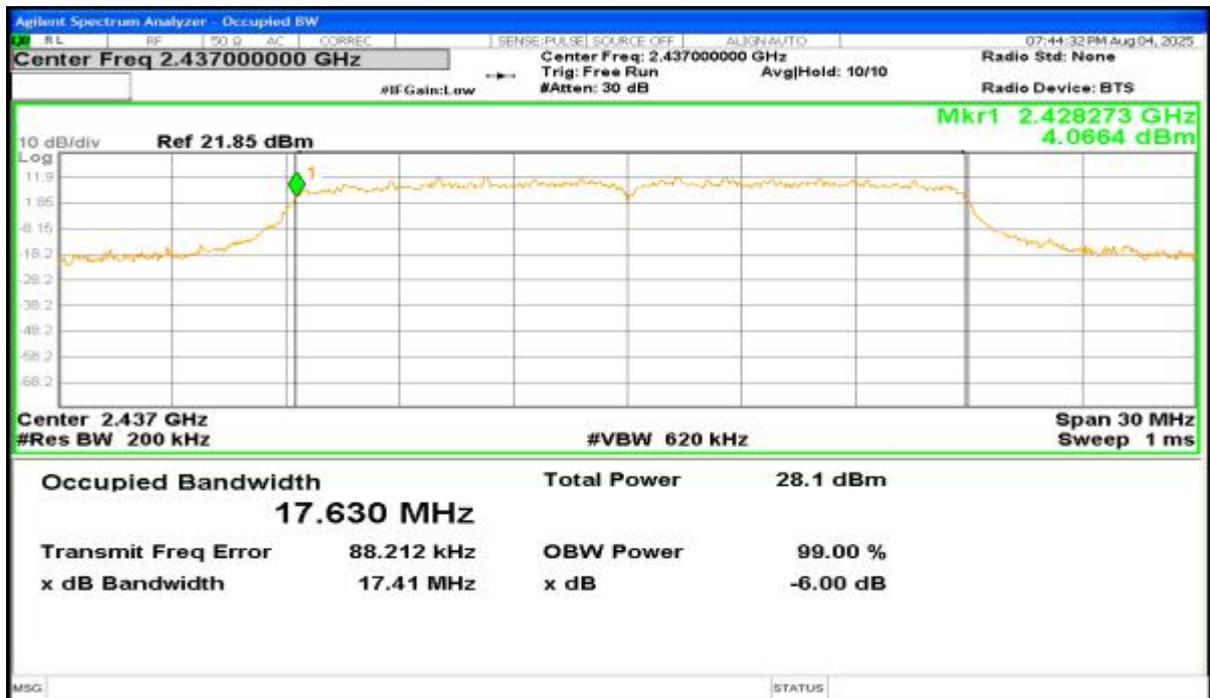
OCB,11n(HT20),Lowest



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6BW,11n(HT20),Middle

OCB,11n(HT20),Middle


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6BW,11n(HT20),Highest



OCB,11n(HT20),Highest



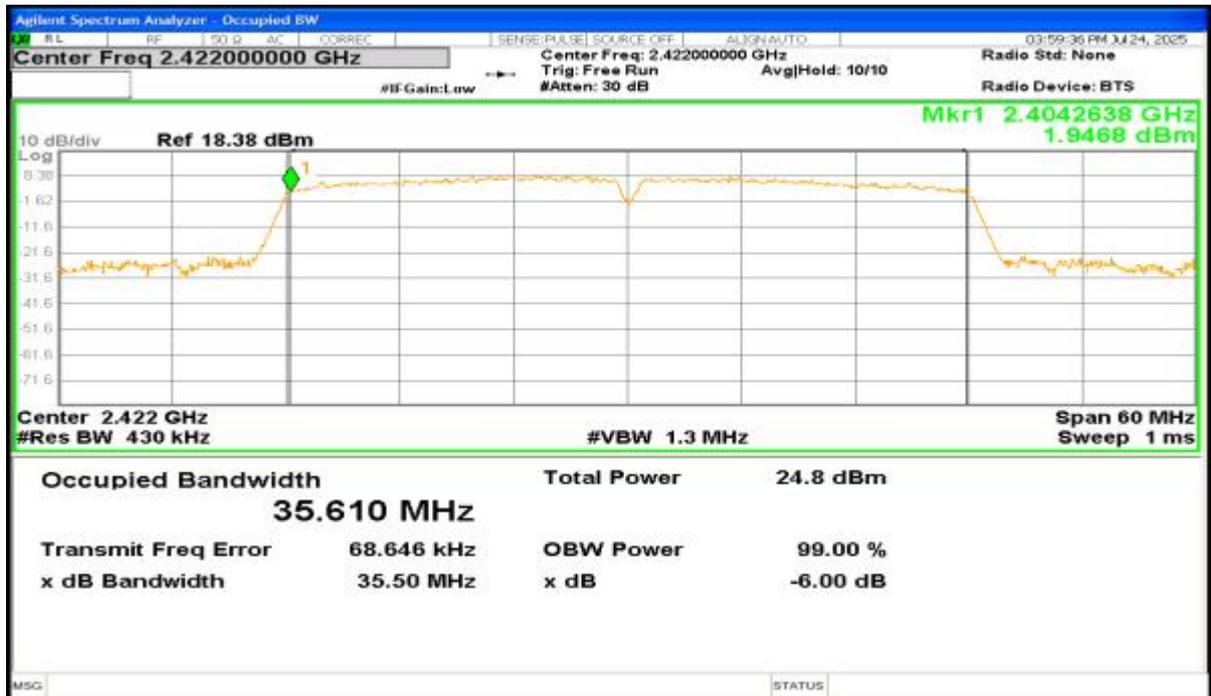
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6BW,11n(HT40),Lowest



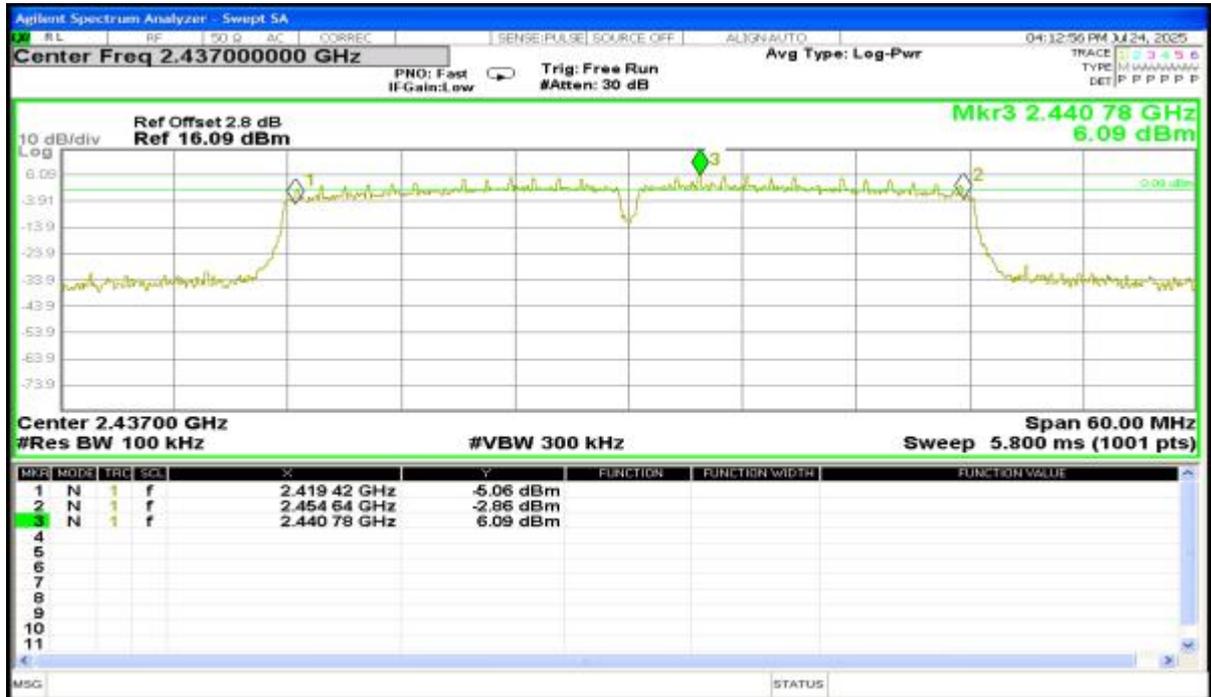
OCB,11n(HT40),Lowest



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6BW,11n(HT40),Middle



OCB,11n(HT40),Middle



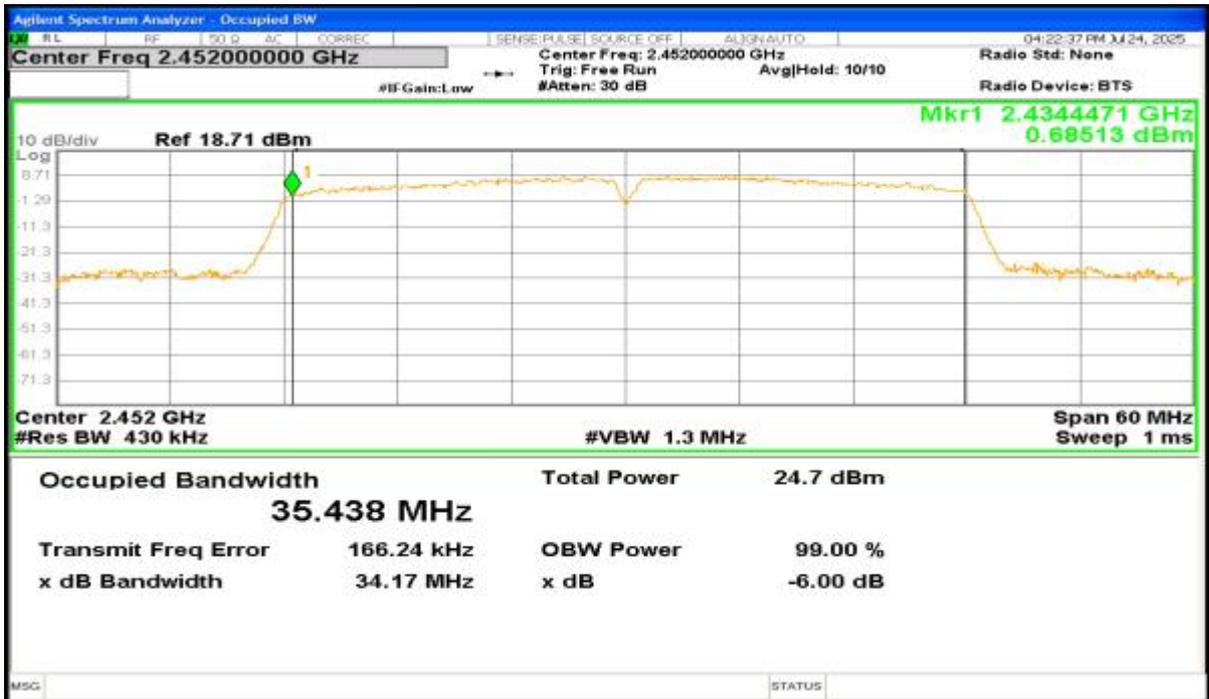
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6BW,11n(HT40),Highest



OCB,11n(HT40),Highest



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A4. Power Spectral Density

Test Result

Condition	Mode	Frequency (MHz)	Antenna 1 Power Density (dBm/3kHz)	Antenna 2 Power Density (dBm/3kHz)	Total (dBm/3kHz)	Limit (dBm/3kHz)	Results
NVNT	11b	2412	-2.520	2.340	3.567	7.27	Pass
NVNT	11b	2437	-0.100	3.090	4.792	7.27	Pass
NVNT	11b	2462	0.870	2.650	4.861	7.27	Pass
NVNT	11g	2412	-10.280	-9.110	-6.645	7.27	Pass
NVNT	11g	2437	-10.960	-11.440	-8.183	7.27	Pass
NVNT	11g	2462	-10.300	-9.110	-6.654	7.27	Pass
NVNT	11n20	2412	-9.380	-7.540	-5.353	7.27	Pass
NVNT	11n20	2437	-12.640	-7.950	-6.680	7.27	Pass
NVNT	11n20	2462	-8.860	-7.880	-5.332	7.27	Pass
NVNT	11n40	2422	-11.690	-10.740	-8.179	7.27	Pass
NVNT	11n40	2437	-11.520	-10.680	-8.069	7.27	Pass
NVNT	11n40	2452	-11.630	-10.790	-8.179	7.27	Pass

Note:

1. The power density of Antenna 1 and antenna 2 is converted into milliwatt units, and the added power density is taken logarithmically and multiplied by 10.

2. KDB662911 D01

(1) The EUT supports Cyclic Delay Diversity (CDD) mode, and CDD signals are correlated.

- For power measurements on IEEE 802.11 devices,^{1,2}

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less, for 20-MHz channel widths with $N_{ANT} \geq 5$.

(2) For CDD transmissions, directional gain is calculated as follows, $N_{ANT} = 2$, $N_{SS} = 1$.

If all antennas have the different gain, G_{ANT} , Directional gain = $G_{ANT} + \text{Array Gain}$, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,

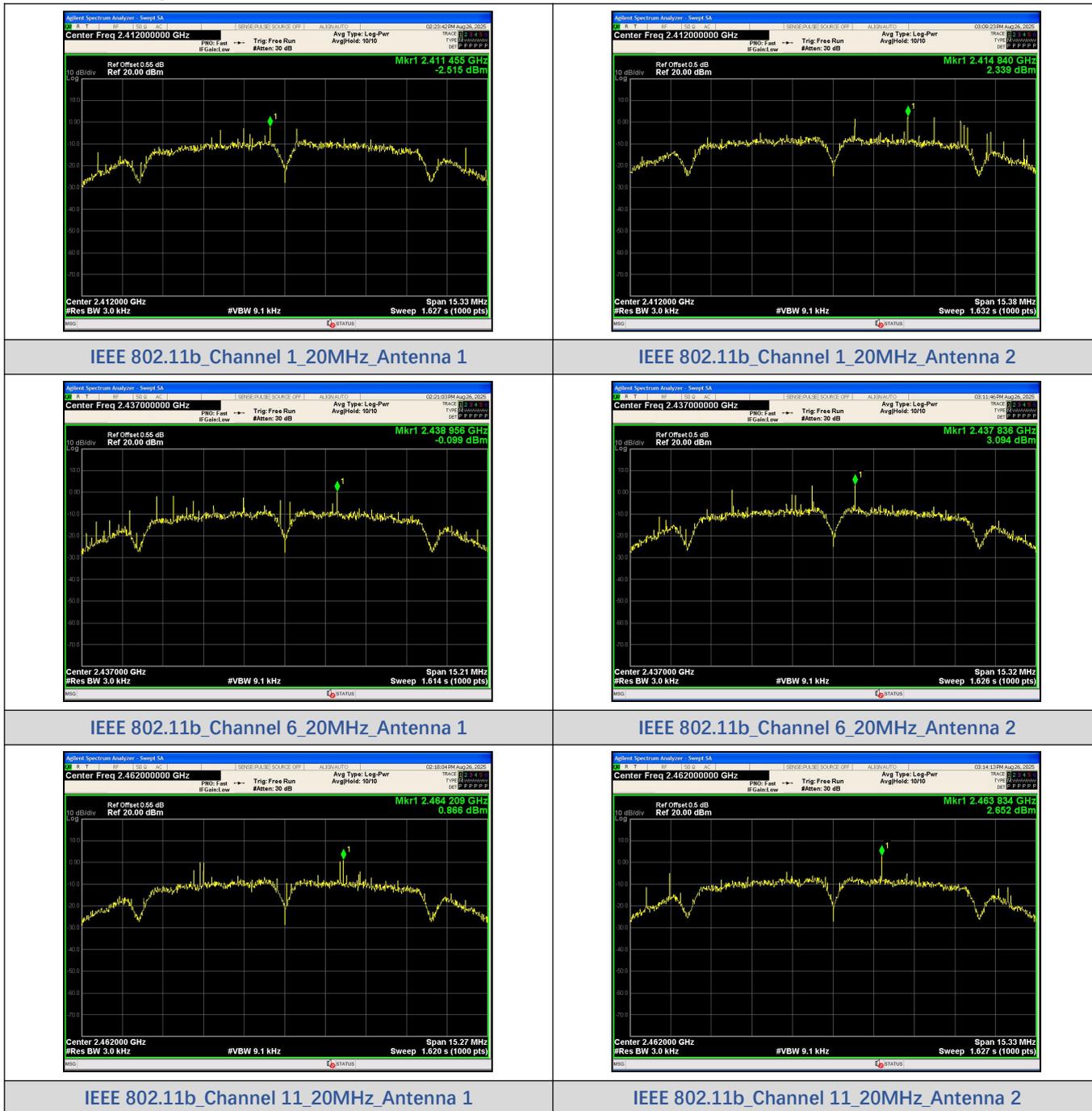
Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB = 3.01;

Directional gain = $G_{ANT} + \text{Array Gain} = 3.72 + 3.01 = 6.73$ dB = $8 - (6 - 6.73) = 7.27$ dB/MHz

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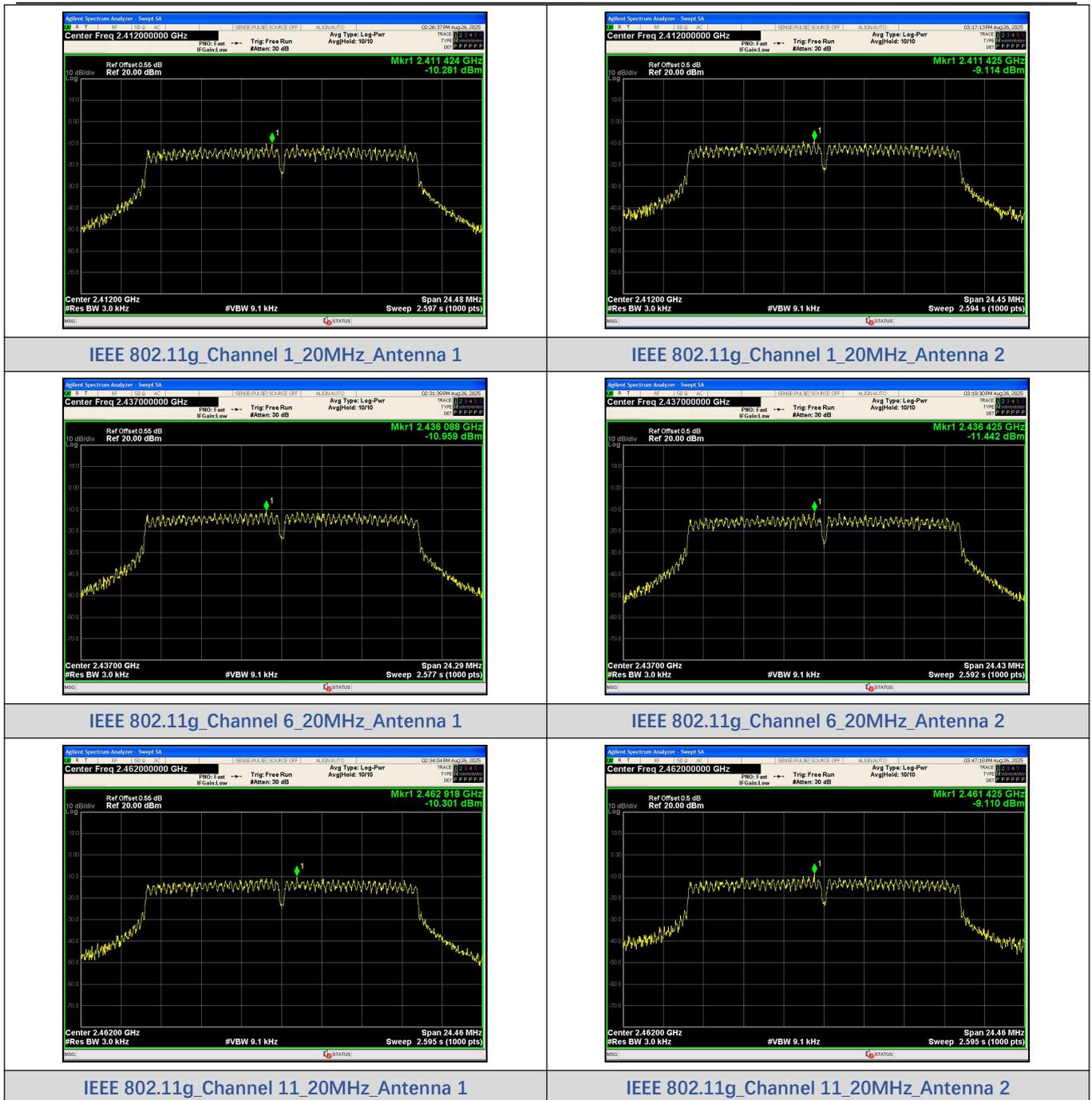


The test image is as follows:



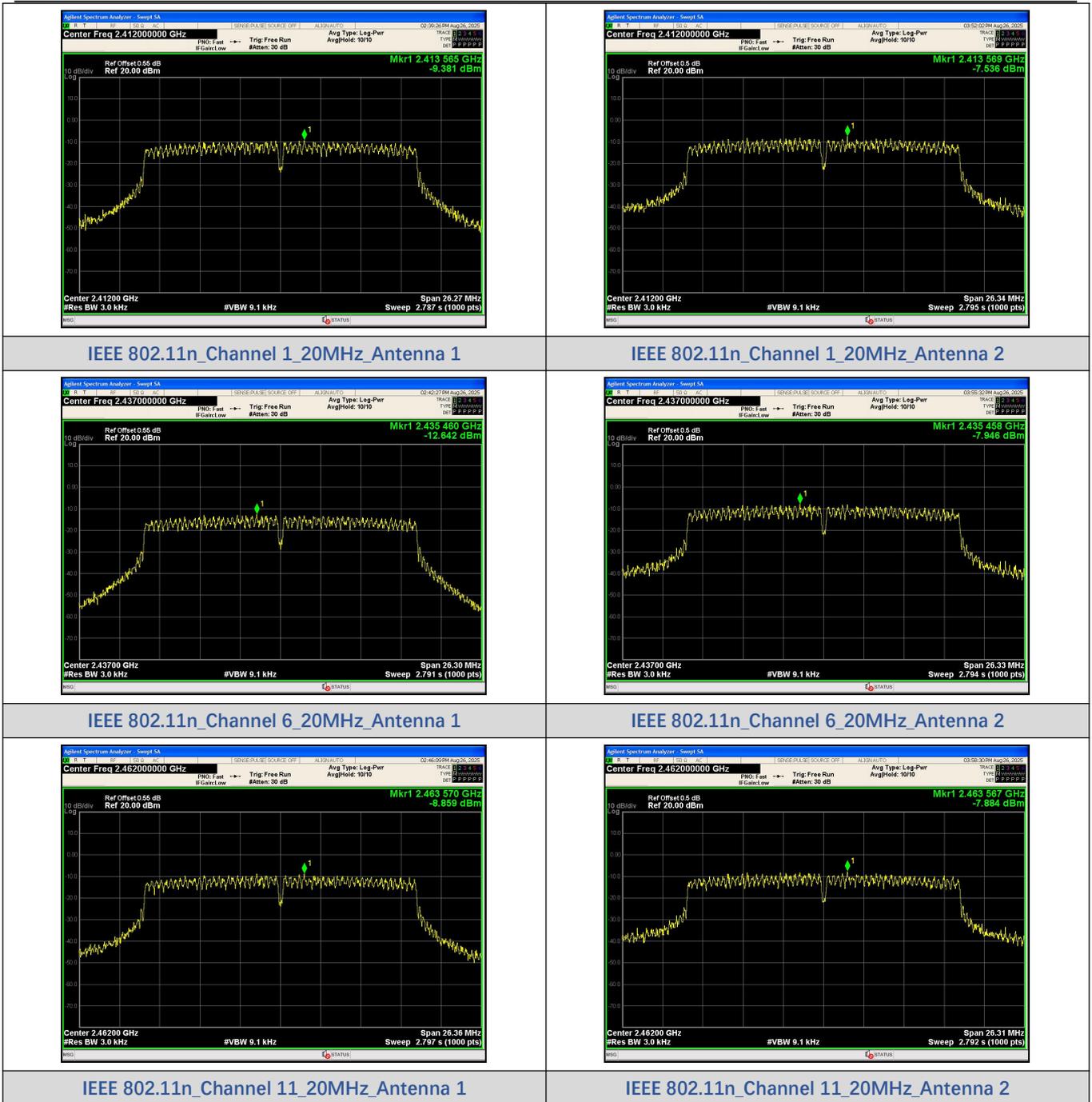
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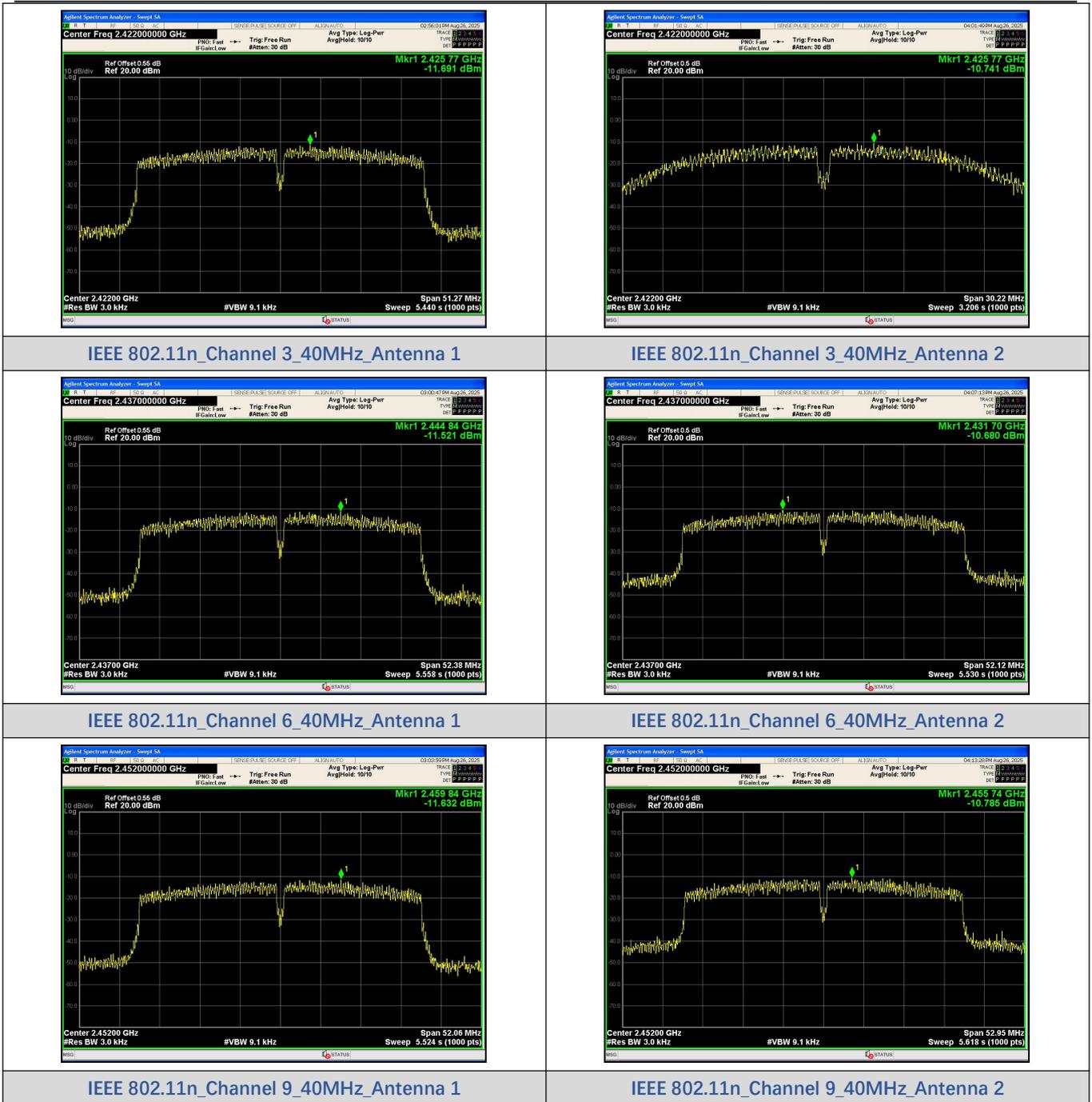
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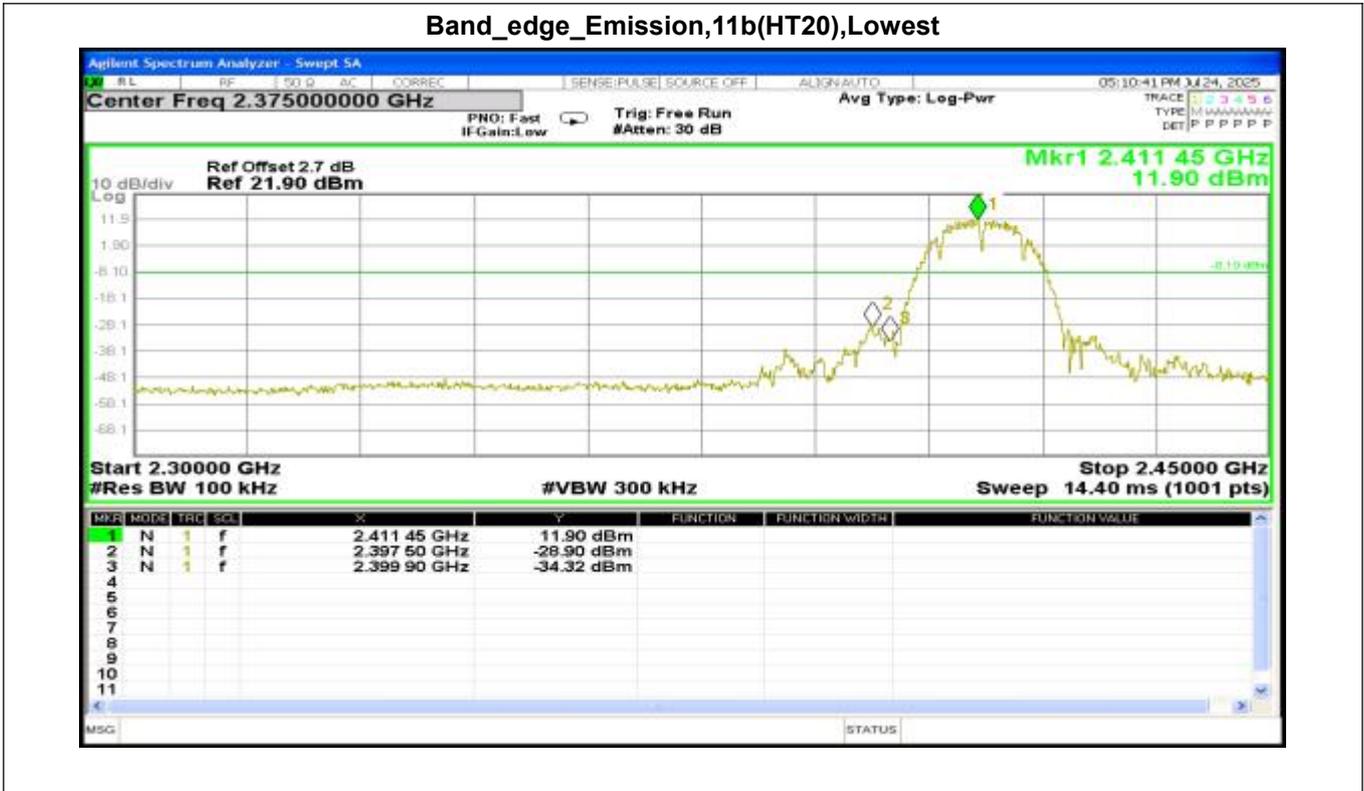
A5. Conducted Band Edge and Conducted Spurious Emission

Note:

Only the worst data ANT.1 is represented in the report.

Test Result

Band Edge :



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Band_edge_Emission,11b(HT20),Middle



Band_edge_Emission,11b(HT20),Highest

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Band_edge_Emission,11g(HT20),Lowest



Band_edge_Emission,11g(HT20),Middle



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Band_edge_Emission,11g(HT20),Highest



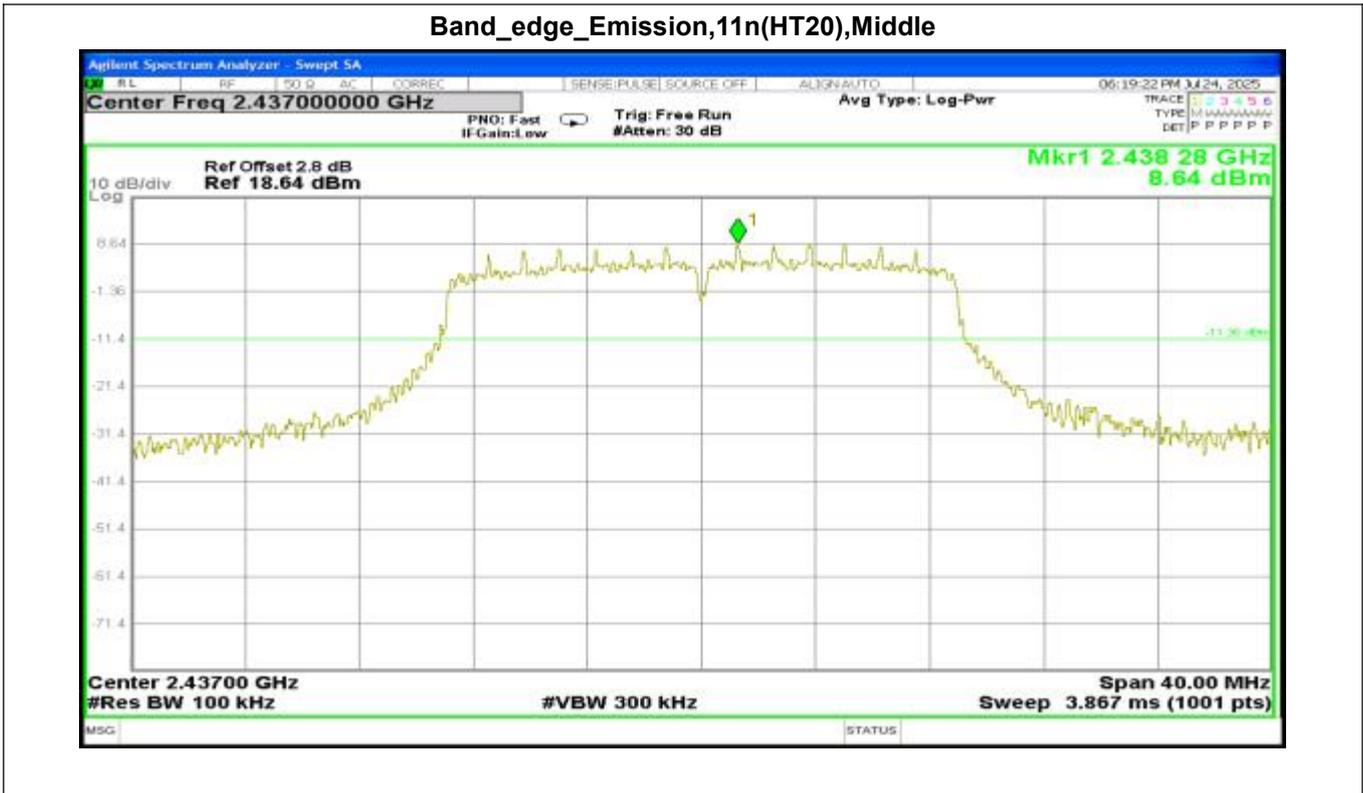
Band_edge_Emission,11n(HT20),Lowest

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Band_edge_Emission,11n(HT20),Middle



Band_edge_Emission,11n(HT20),Highest

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Band_edge_Emission,11n(HT40),Lowest



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Band_edge_Emission,11n(HT40),Middle



Band_edge_Emission,11n(HT40),Highest

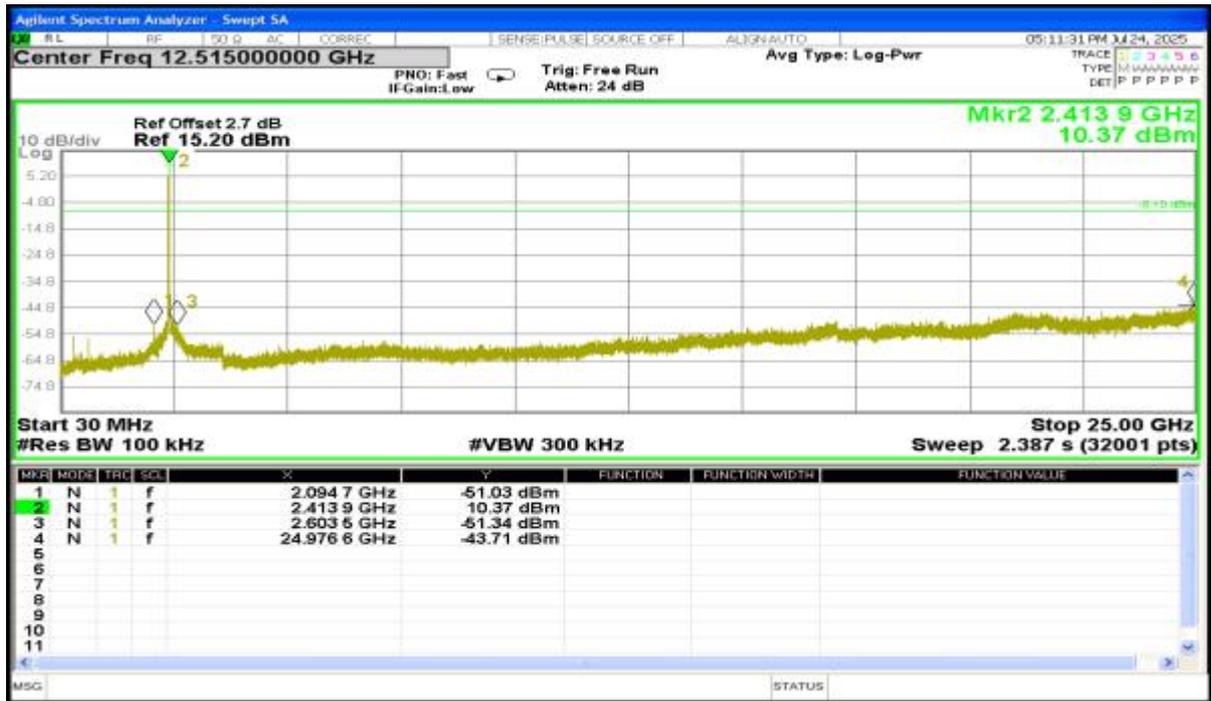


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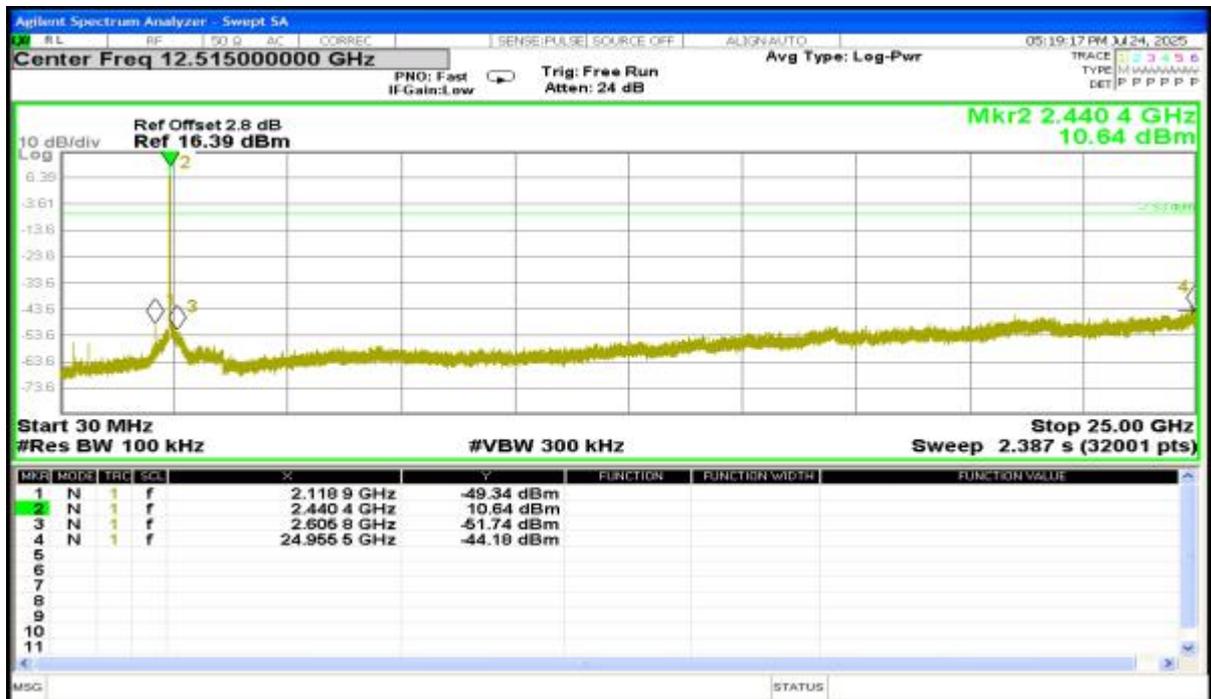


Conducted_Spurious:

Conducted_Spurious,11b(HT20),Lowest

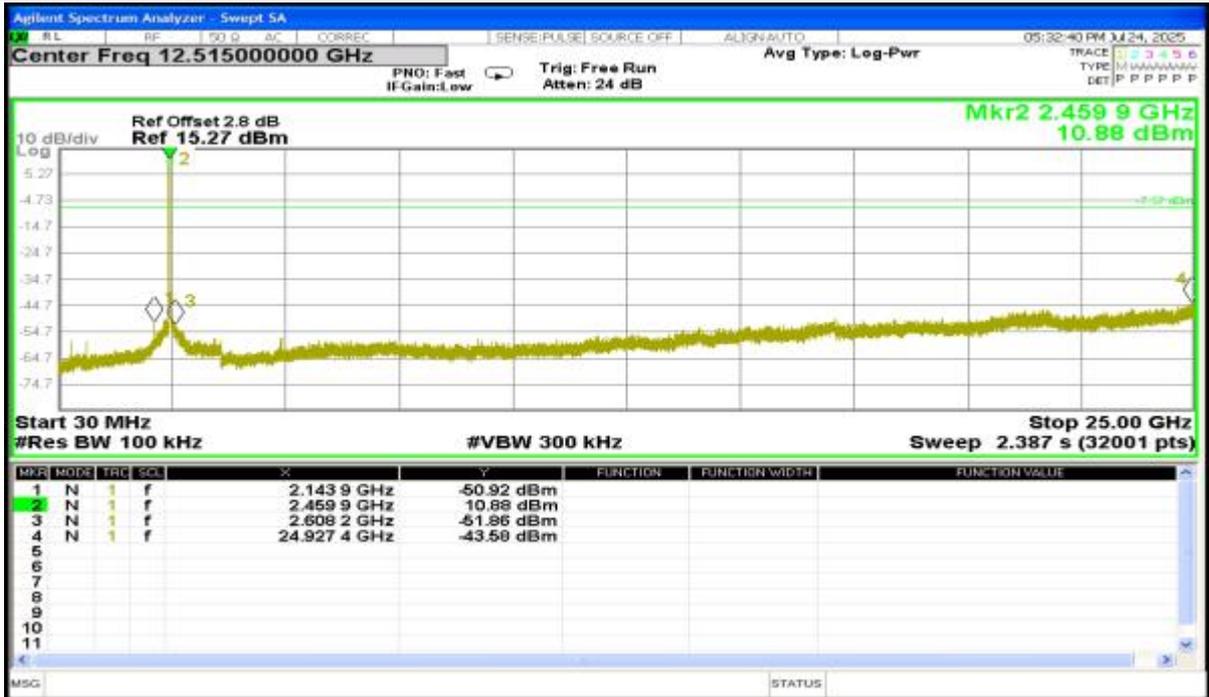


Conducted_Spurious,11b(HT20),Middle

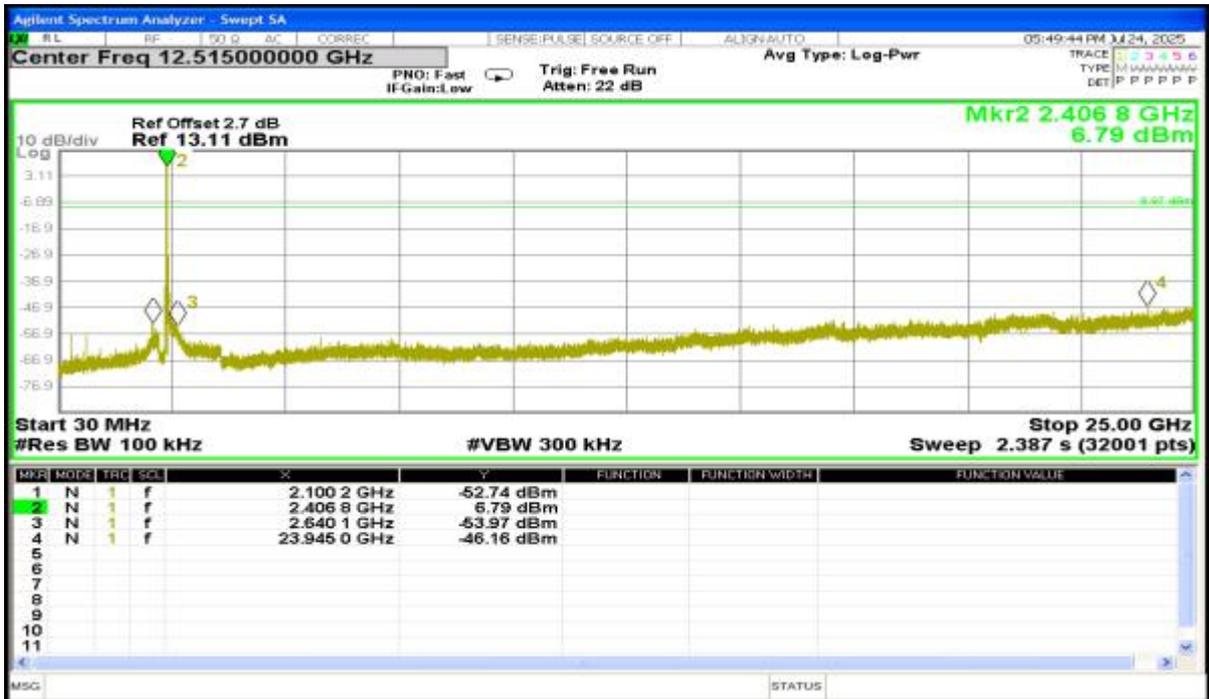


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Conducted_Spurious,11b(HT20),Highest

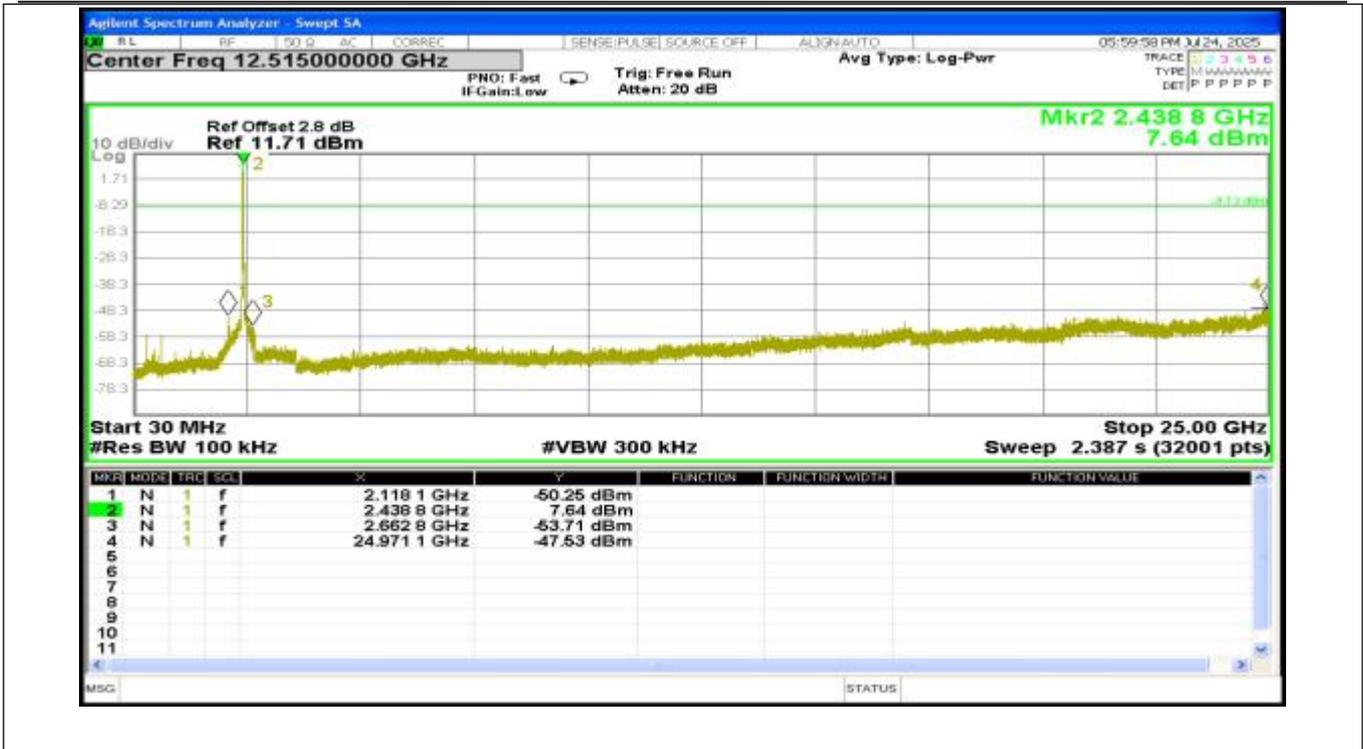


Conducted_Spurious,11g(HT20),Lowest

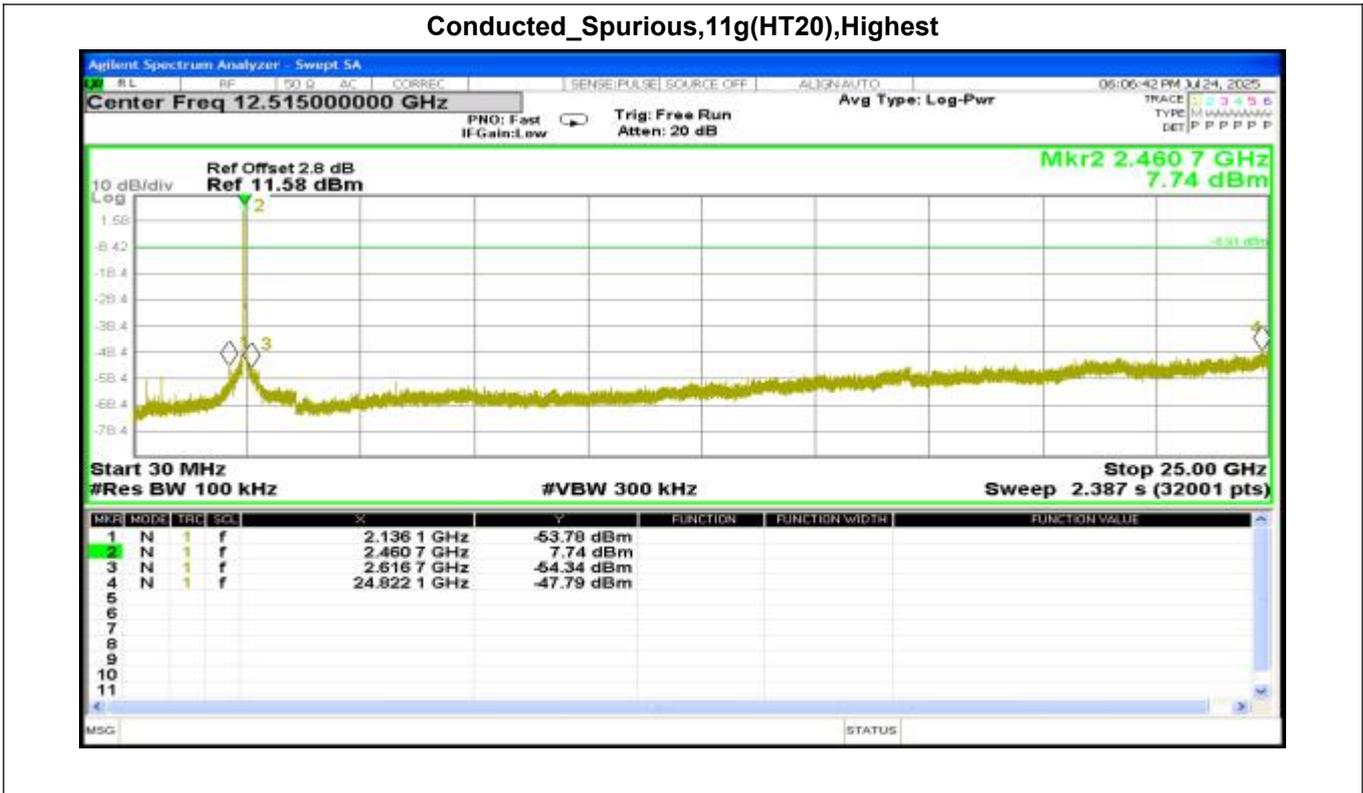
Conducted_Spurious,11g(HT20),Middle

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Conducted_Spurious,11g(HT20),Highest



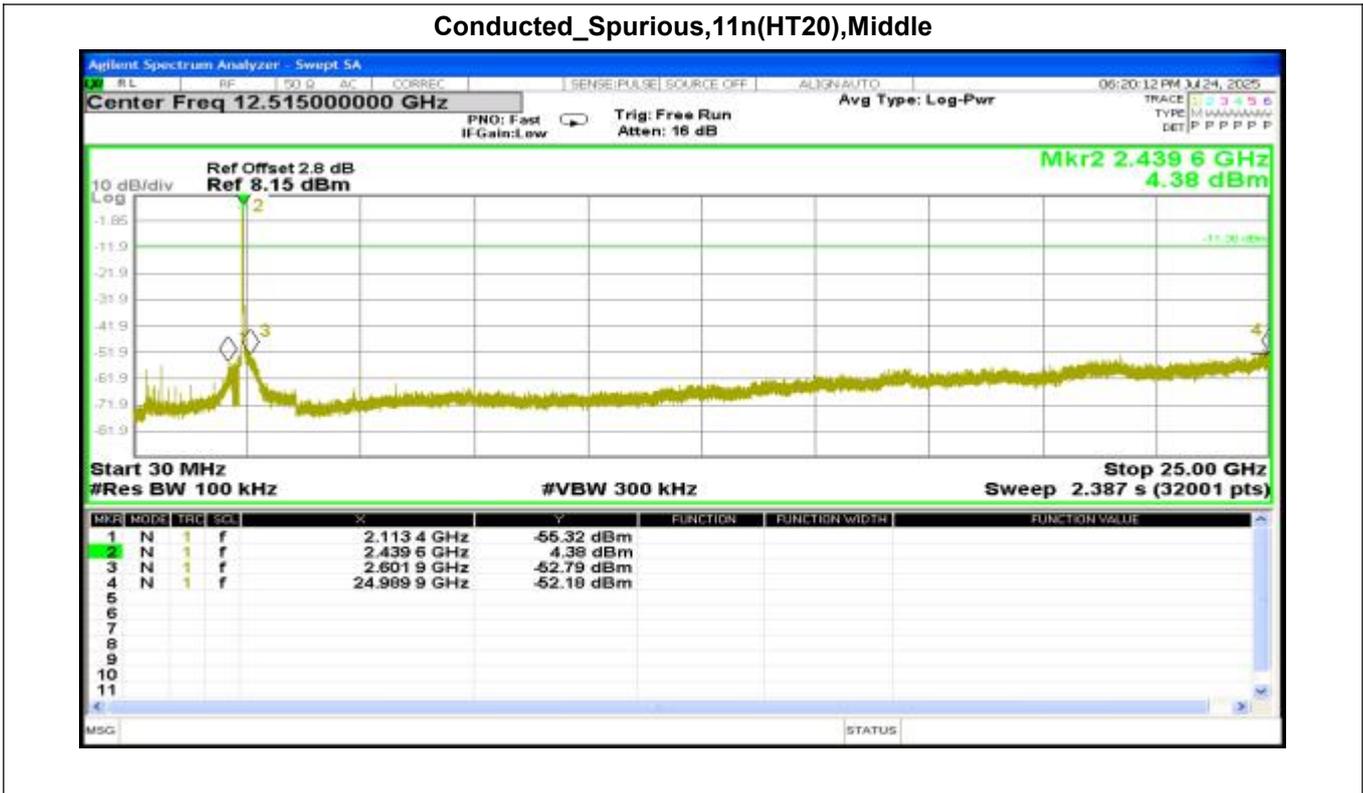
Conducted_Spurious,11n(HT20),Lowest

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Conducted_Spurious,11n(HT20),Middle



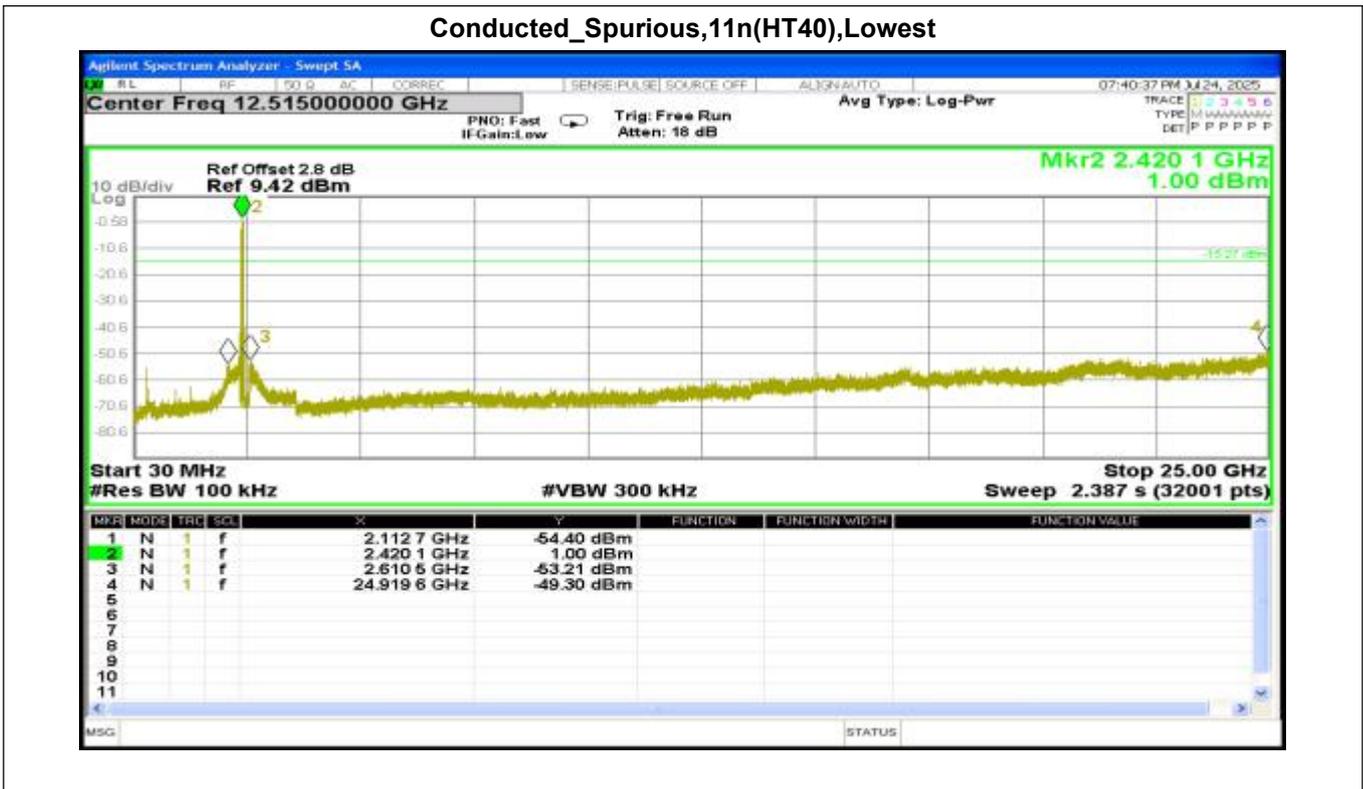
Conducted_Spurious,11n(HT20),Highest

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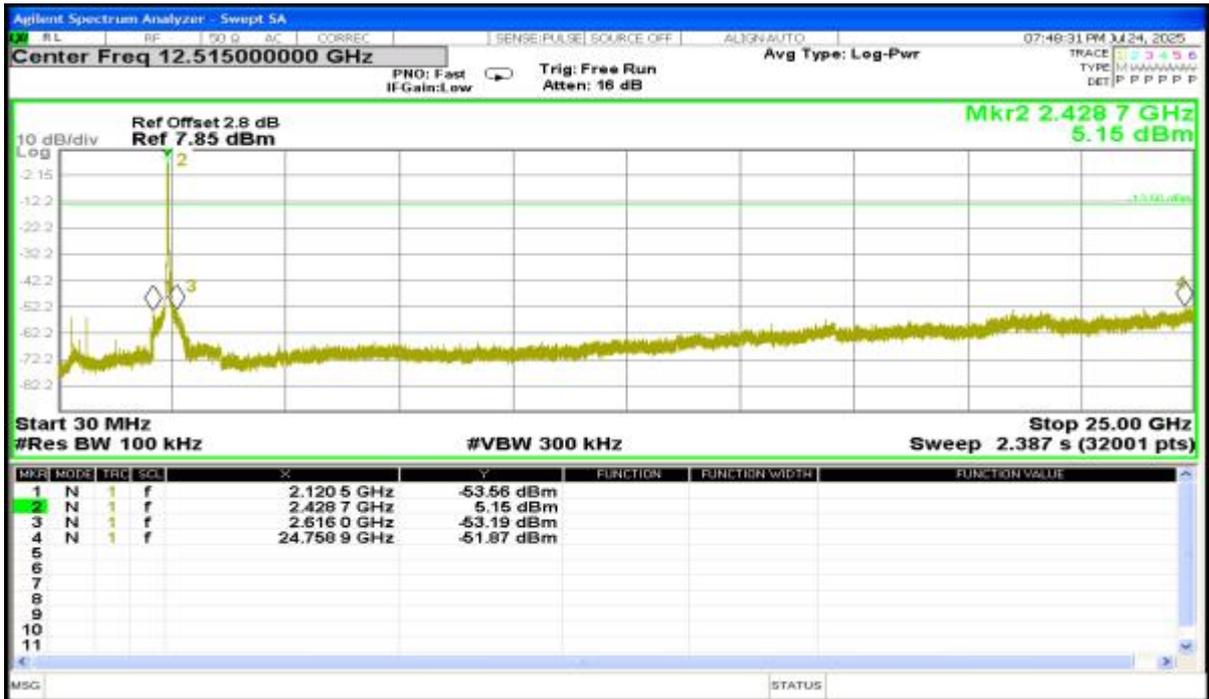
Conducted_Spurious,11n(HT40),Lowest



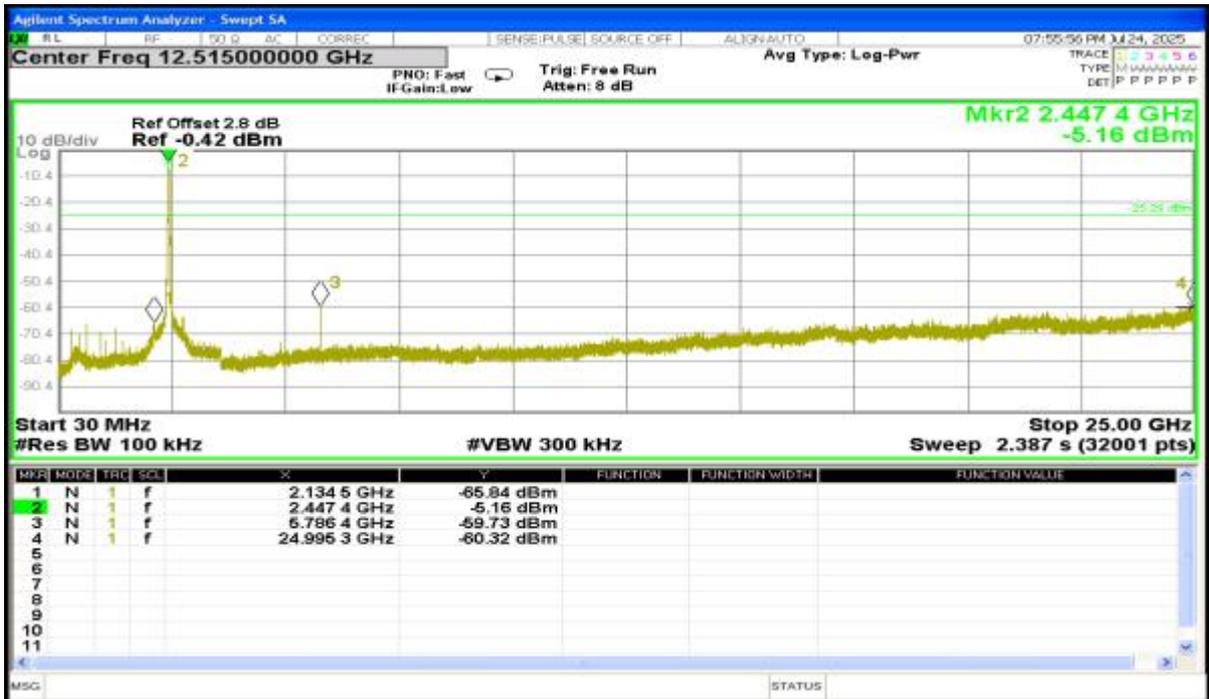
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Conducted_Spurious,11n(HT40),Middle



Conducted_Spurious,11n(HT40),Highest



※※※※END OF THE REPORT※※※※

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