



Appendix C. Radiated Spurious Emission Band-Edge Test Data for U-NII-1/U-NII-2A/U-NII-2C

Table of Contents

<CDD mode>C2-3

<OFDMA mode>C2-151

<Puncturing mode>C2-167

<TX Beamformin mode>C2-207



Test Engineer:	Smile Wang	Relative Humidity :	22 ~ 23°C
		Temperature :	41 ~ 42%

Remark: Only the U-NII-1/U-NII-2A/U-NII-2C RSE band-edge use Conducted measurement;
The MIMO factor $10\log(N=4)$ and Directional Gain have been compensated in the offset of the graph

The limit for band-edge are used as follows:

$$EIRP[dBm] = E[dB\mu V/m] - 95.2$$

For restricted band:

$$EIRP[dBm] = E[dB\mu V/m] - 95.2 = 74 - 95.2 = -21.2 \text{ dBm for Peak};$$

$$EIRP[dBm] = E[dB\mu V/m] - 95.2 = 54 - 95.2 = -41.2 \text{ dBm for Average};$$

For non-restricted band:

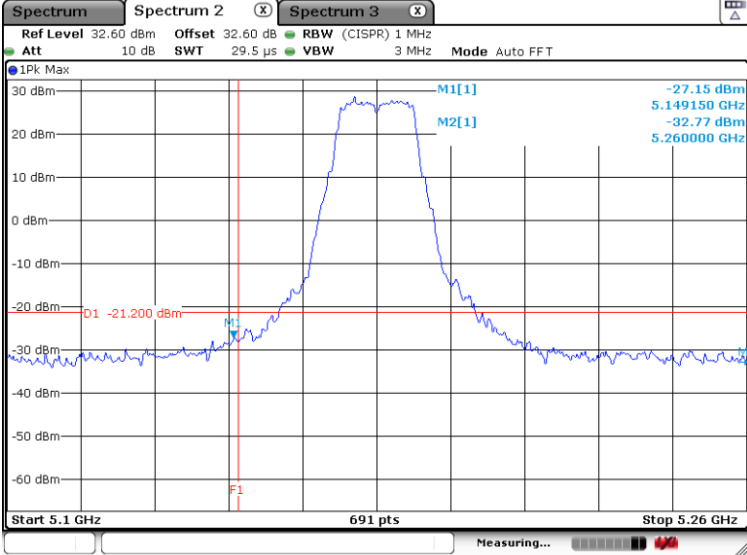
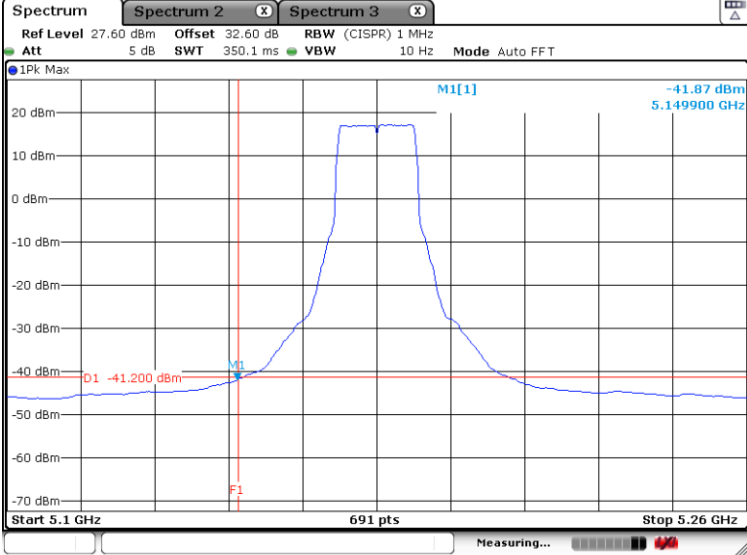
$$EIRP[dBm] = E[dB\mu V/m] - 95.2 = 68.2 - 95.2 = -27 \text{ dBm for Peak};$$

Worst case:

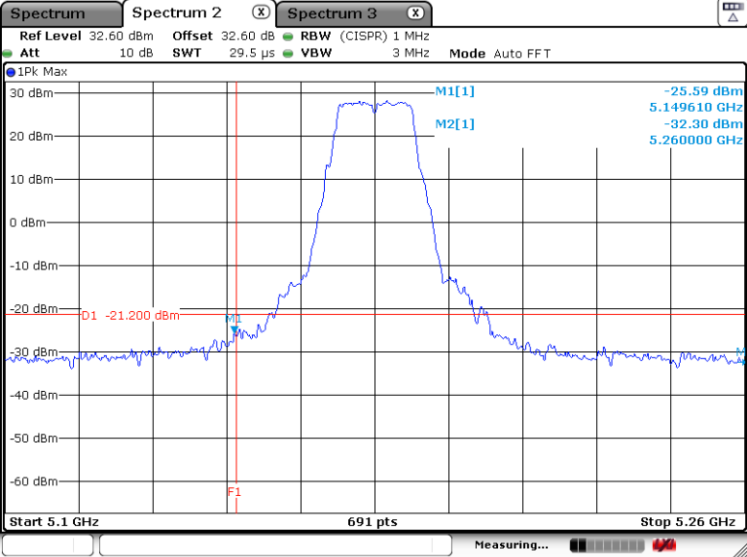
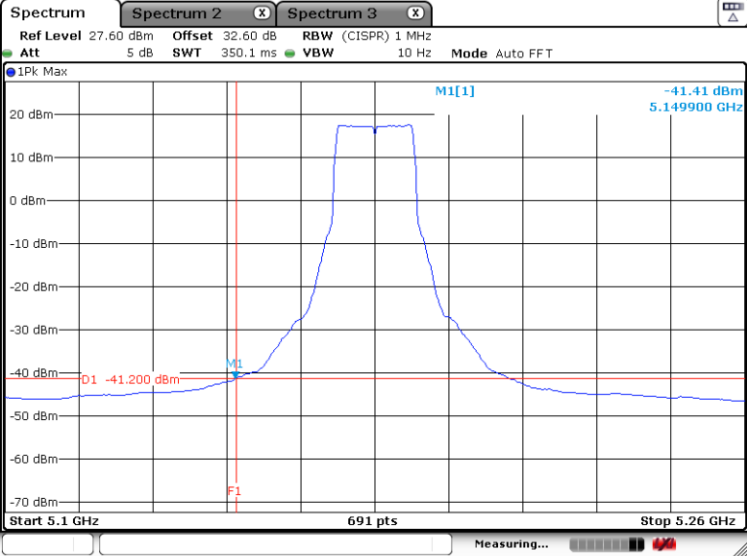
Modulation	Ch.	Freq. (MHz)	Margin (dB)	Result	Remark
802.11be	157	5624.55	-0.03	Pass	TXBF



<CDD mode>

Mode	Band Edge 802.11a_CH36
ANT	1
Peak	 <p>The spectrum plot shows a signal centered at 5.149150 GHz. The y-axis represents power in dBm, ranging from -60 to 30. The x-axis represents frequency in GHz, ranging from 5.1 to 5.26. A peak is identified at 5.149150 GHz with a power of -27.15 dBm. A second peak is identified at 5.260000 GHz with a power of -32.77 dBm. A reference level D1 is set at -21.200 dBm. The plot includes parameters: Ref Level 32.60 dBm, Offset 32.60 dB, RBW (CISPR) 1 MHz, Att 10 dB, SWT 29.5 μs, VBW 3 MHz, Mode Auto FFT. The start frequency is 5.1 GHz and the stop frequency is 5.26 GHz. The plot contains 691 points.</p>
Avg	 <p>The spectrum plot shows a signal centered at 5.149900 GHz. The y-axis represents power in dBm, ranging from -70 to 20. The x-axis represents frequency in GHz, ranging from 5.1 to 5.26. A peak is identified at 5.149900 GHz with a power of -41.87 dBm. A reference level D1 is set at -41.200 dBm. The plot includes parameters: Ref Level 27.60 dBm, Offset 32.60 dB, RBW (CISPR) 1 MHz, Att 5 dB, SWT 350.1 ms, VBW 10 Hz, Mode Auto FFT. The start frequency is 5.1 GHz and the stop frequency is 5.26 GHz. The plot contains 691 points.</p>



ANT	2
Peak	 <p>The spectrum plot shows a signal peak between 5.1 GHz and 5.26 GHz. The y-axis represents power in dBm, ranging from -60 to 30. The x-axis represents frequency in GHz. A red horizontal line is drawn at -21.200 dBm, labeled 'D1'. A vertical red line is at 5.149610 GHz, labeled 'F1'. Two measurement points are marked: M1[1] at -25.59 dBm and 5.149610 GHz, and M2[1] at -32.30 dBm and 5.260000 GHz. The plot shows a peak around 5.15 GHz with a bandwidth of approximately 150 kHz. The background noise floor is around -30 dBm.</p> <p>Date: 24.JUN.2024 01:54:55</p>
Avg	 <p>The spectrum plot shows the same signal peak as the Peak measurement. The y-axis represents power in dBm, ranging from -70 to 20. The x-axis represents frequency in GHz. A red horizontal line is drawn at -41.200 dBm, labeled 'D1'. A vertical red line is at 5.149900 GHz, labeled 'F1'. A measurement point M1[1] is marked at -41.41 dBm and 5.149900 GHz. The plot shows a peak around 5.15 GHz with a bandwidth of approximately 150 kHz. The background noise floor is around -45 dBm.</p> <p>Date: 24.JUN.2024 01:53:21</p>

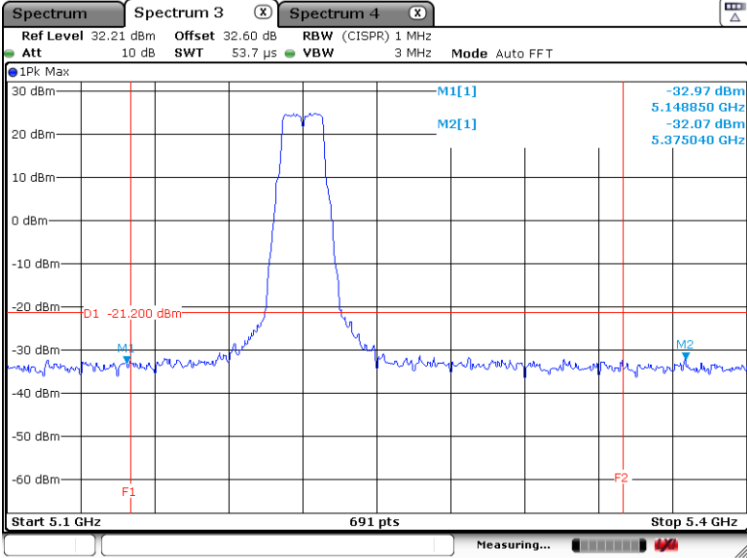
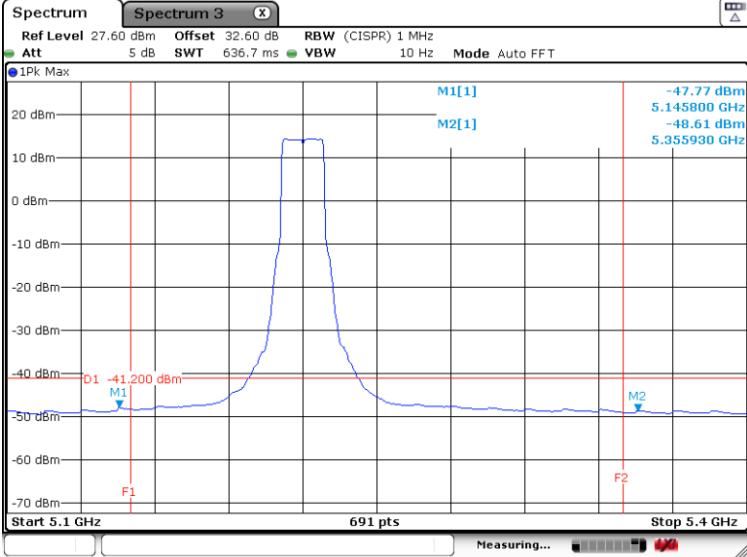


ANT	3
Peak	<p>Spectrum 2 Spectrum 3</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 29.5 μs VBW 3 MHz Mode Auto FFT</p> <p>1Pk Max</p> <p>M1[1] -26.89 dBm 5.147060 GHz M2[1] -32.02 dBm 5.260000 GHz</p> <p>D1 -41.200 dBm</p> <p>F1</p> <p>Start 5.1 GHz 691 pts Stop 5.26 GHz</p> <p>Date: 24.JUN.2024 01:58:48</p>
Avg	<p>Spectrum 2 Spectrum 3</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 5 dB SWT 350.1 ms VBW 10 Hz Mode Auto FFT</p> <p>1Pk Max</p> <p>M1[1] -41.53 dBm 5.149900 GHz</p> <p>D1 -41.200 dBm</p> <p>F1</p> <p>Start 5.1 GHz 691 pts Stop 5.26 GHz</p> <p>Date: 24.JUN.2024 01:55:59</p>



ANT	4
Peak	<p>Date: 23.JUN.2024 19:13:20</p>
Avg	<p>Date: 24.JUN.2024 01:57:45</p>



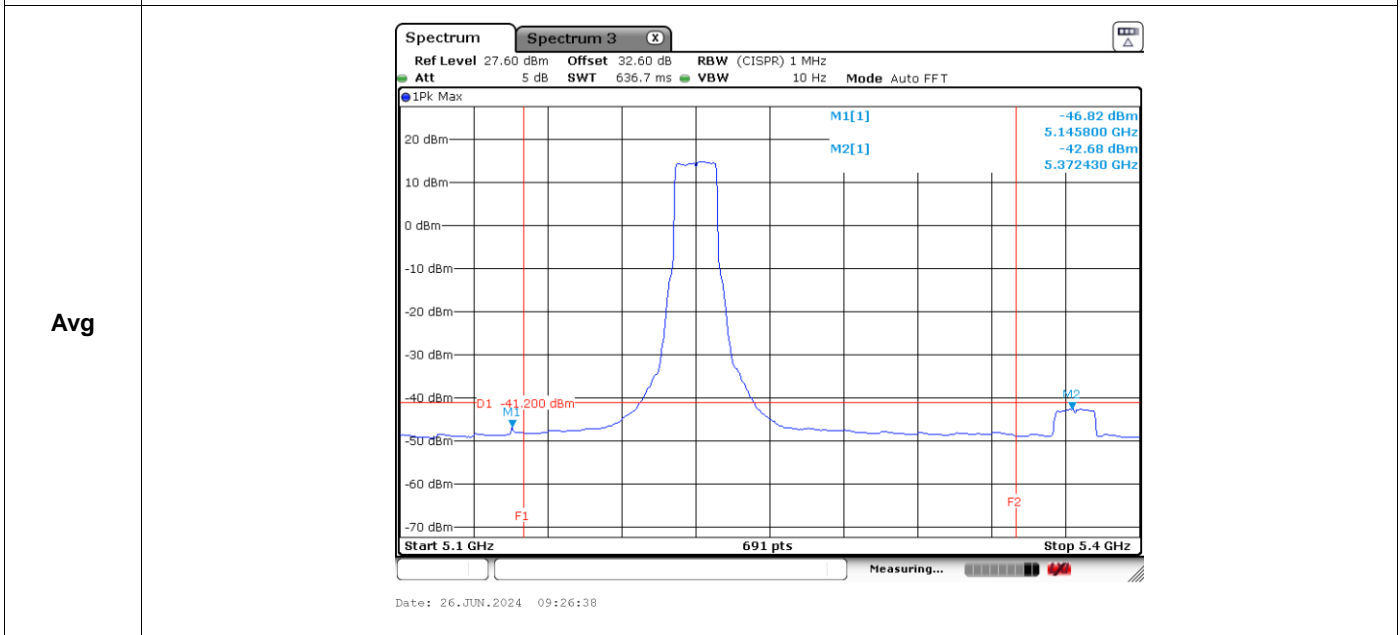
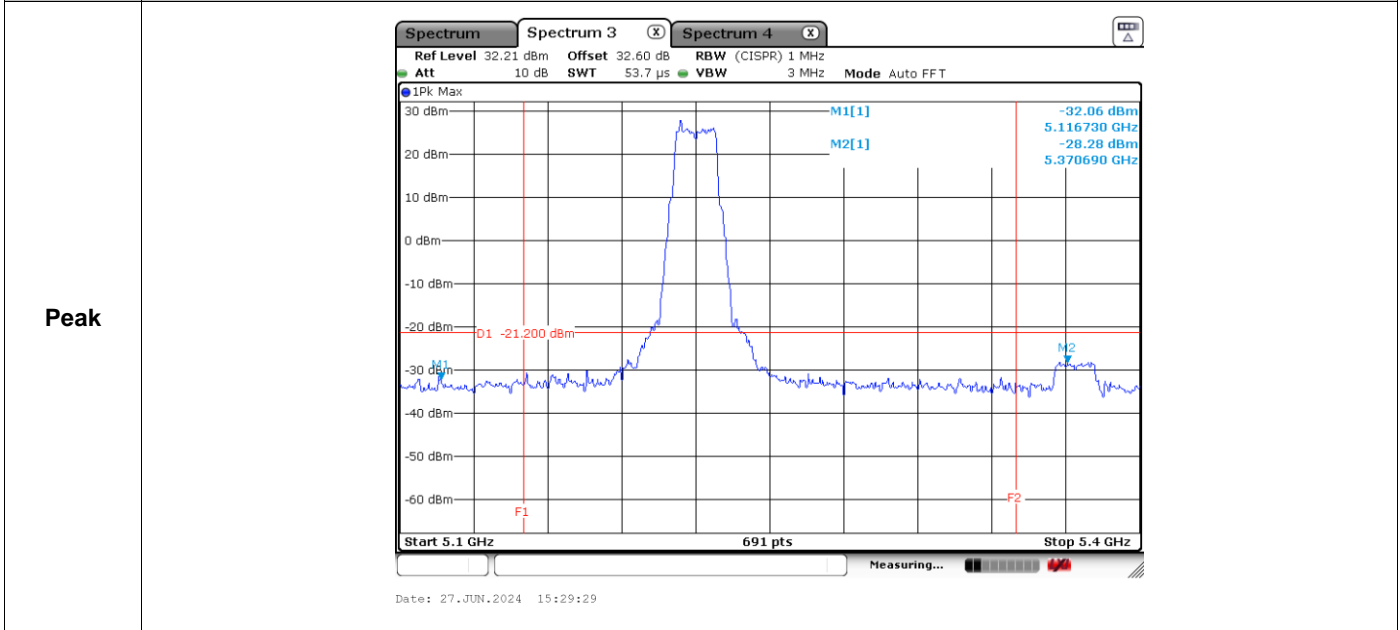
Mode	Band Edge 802.11a_CH44
ANT	1
Peak	 <p>The spectrum plot shows a signal peak between 5.1 GHz and 5.4 GHz. The y-axis represents power in dBm, ranging from -60 to 30. The x-axis represents frequency in GHz. A red horizontal line at -21.200 dBm is labeled D1. Two vertical red lines, F1 and F2, are positioned at the edges of the signal. Two measurement points, M1[1] and M2[1], are marked on the signal. M1[1] is at 5.148850 GHz with a power of -32.97 dBm. M2[1] is at 5.375040 GHz with a power of -32.07 dBm. The plot title is 'Spectrum 4'.</p> <p>Date: 27.JUN.2024 15:31:29</p>
Avg	 <p>The spectrum plot shows the same signal peak as the Peak measurement. The y-axis represents power in dBm, ranging from -70 to 20. The x-axis represents frequency in GHz. A red horizontal line at -41.200 dBm is labeled D1. Two vertical red lines, F1 and F2, are positioned at the edges of the signal. Two measurement points, M1[1] and M2[1], are marked on the signal. M1[1] is at 5.145800 GHz with a power of -47.77 dBm. M2[1] is at 5.355930 GHz with a power of -48.61 dBm. The plot title is 'Spectrum 3'.</p> <p>Date: 26.JUN.2024 09:35:27</p>



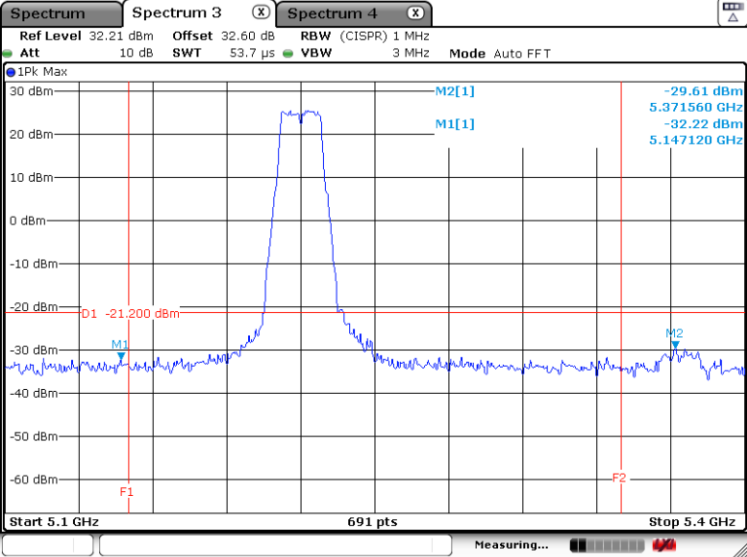
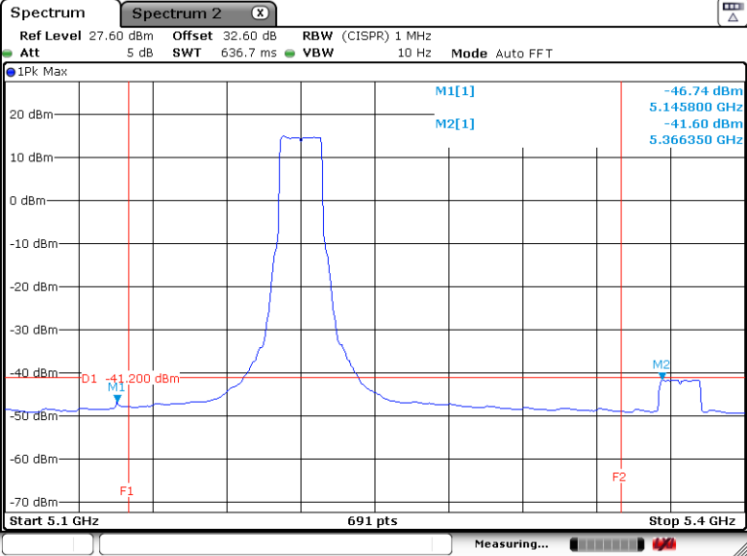
ANT	2
Peak	<p>Ref Level 32.21 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 53.7 μs VBW 3 MHz Mode Auto FFT</p> <p>M1[1] -32.19 dBm 5.139300 GHz M2[1] -33.02 dBm 5.372000 GHz</p> <p>D1 -21.200 dBm</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 27.JUN.2024 15:30:31</p>
Avg	<p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 5 dB SWT 636.7 ms VBW 10 Hz Mode Auto FFT</p> <p>M1[1] -46.98 dBm 5.146670 GHz M2[1] -48.29 dBm 5.355930 GHz</p> <p>D1 -41.200 dBm</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 09:28:23</p>



ANT 3





ANT	4																												
Peak	 <p>The spectrum plot shows a peak at approximately 5.37 GHz. The y-axis represents power in dBm, ranging from -60 to 30. The x-axis represents frequency in GHz, ranging from 5.1 to 5.4. The plot includes a red horizontal line at -21.200 dBm and two vertical red lines labeled F1 and F2. The peak is labeled M1[1] and M2[1].</p> <table border="1"><thead><tr><th>Measurement</th><th>Value</th></tr></thead><tbody><tr><td>Ref Level</td><td>32.21 dBm</td></tr><tr><td>Att</td><td>10 dB</td></tr><tr><td>Offset</td><td>32.60 dB</td></tr><tr><td>RBW (CISPR)</td><td>1 MHz</td></tr><tr><td>SWT</td><td>53.7 μs</td></tr><tr><td>VBW</td><td>3 MHz</td></tr><tr><td>Mode</td><td>Auto FFT</td></tr><tr><td>Start</td><td>5.1 GHz</td></tr><tr><td>Stop</td><td>5.4 GHz</td></tr><tr><td>Points</td><td>691 pts</td></tr><tr><td>Peak 1 (M1[1])</td><td>-32.22 dBm @ 5.147120 GHz</td></tr><tr><td>Peak 2 (M2[1])</td><td>-29.61 dBm @ 5.371560 GHz</td></tr><tr><td>Reference Line (D1)</td><td>-21.200 dBm</td></tr></tbody></table> <p>Date: 27.JUN.2024 15:28:19</p>	Measurement	Value	Ref Level	32.21 dBm	Att	10 dB	Offset	32.60 dB	RBW (CISPR)	1 MHz	SWT	53.7 μ s	VBW	3 MHz	Mode	Auto FFT	Start	5.1 GHz	Stop	5.4 GHz	Points	691 pts	Peak 1 (M1[1])	-32.22 dBm @ 5.147120 GHz	Peak 2 (M2[1])	-29.61 dBm @ 5.371560 GHz	Reference Line (D1)	-21.200 dBm
Measurement	Value																												
Ref Level	32.21 dBm																												
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VBW	3 MHz																												
Mode	Auto FFT																												
Start	5.1 GHz																												
Stop	5.4 GHz																												
Points	691 pts																												
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Peak 2 (M2[1])	-29.61 dBm @ 5.371560 GHz																												
Reference Line (D1)	-21.200 dBm																												
Avg	 <p>The spectrum plot shows a peak at approximately 5.145 GHz. The y-axis represents power in dBm, ranging from -70 to 20. The x-axis represents frequency in GHz, ranging from 5.1 to 5.4. The plot includes a red horizontal line at -41.200 dBm and two vertical red lines labeled F1 and F2. The peak is labeled M1[1] and M2[1].</p> <table border="1"><thead><tr><th>Measurement</th><th>Value</th></tr></thead><tbody><tr><td>Ref Level</td><td>27.60 dBm</td></tr><tr><td>Att</td><td>5 dB</td></tr><tr><td>Offset</td><td>32.60 dB</td></tr><tr><td>RBW (CISPR)</td><td>1 MHz</td></tr><tr><td>SWT</td><td>636.7 ms</td></tr><tr><td>VBW</td><td>10 Hz</td></tr><tr><td>Mode</td><td>Auto FFT</td></tr><tr><td>Start</td><td>5.1 GHz</td></tr><tr><td>Stop</td><td>5.4 GHz</td></tr><tr><td>Points</td><td>691 pts</td></tr><tr><td>Peak 1 (M1[1])</td><td>-41.60 dBm @ 5.145800 GHz</td></tr><tr><td>Peak 2 (M2[1])</td><td>-46.74 dBm @ 5.366350 GHz</td></tr><tr><td>Reference Line (D1)</td><td>-41.200 dBm</td></tr></tbody></table> <p>Date: 26.JUN.2024 09:15:09</p>	Measurement	Value	Ref Level	27.60 dBm	Att	5 dB	Offset	32.60 dB	RBW (CISPR)	1 MHz	SWT	636.7 ms	VBW	10 Hz	Mode	Auto FFT	Start	5.1 GHz	Stop	5.4 GHz	Points	691 pts	Peak 1 (M1[1])	-41.60 dBm @ 5.145800 GHz	Peak 2 (M2[1])	-46.74 dBm @ 5.366350 GHz	Reference Line (D1)	-41.200 dBm
Measurement	Value																												
Ref Level	27.60 dBm																												
Att	5 dB																												
Offset	32.60 dB																												
RBW (CISPR)	1 MHz																												
SWT	636.7 ms																												
VBW	10 Hz																												
Mode	Auto FFT																												
Start	5.1 GHz																												
Stop	5.4 GHz																												
Points	691 pts																												
Peak 1 (M1[1])	-41.60 dBm @ 5.145800 GHz																												
Peak 2 (M2[1])	-46.74 dBm @ 5.366350 GHz																												
Reference Line (D1)	-41.200 dBm																												



Mode	Band Edge 802.11a_CH48
ANT	1
Peak	<p>Spectrum 3 (X)</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 53.7 μs VBW 3 MHz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -32.17 dBm 5.145980 GHz M2[1] -32.21 dBm 5.355930 GHz</p> <p>D1 -21.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 21:58:17</p>
Avg	<p>Spectrum 3 (X)</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 636.7 ms VBW 10 Hz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -44.84 dBm 5.145980 GHz M2[1] -45.18 dBm 5.370690 GHz</p> <p>D1 -41.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 21:57:29</p>



ANT	2
Peak	<p>Spectrum Spectrum 3</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 53.7 μs VBW 3 MHz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -31.15 dBm 5.146410 GHz M2[1] -32.22 dBm 5.357670 GHz</p> <p>D1 -21.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 21:56:49</p>
Avg	<p>Spectrum Spectrum 3</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 636.7 ms VBW 10 Hz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -44.78 dBm 5.145980 GHz M2[1] -45.37 dBm 5.385890 GHz</p> <p>D1 -41.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 21:56:03</p>



ANT	3
Peak	<p>Spectrum 3</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 53.7 μs VBW 3 MHz Mode Auto FFT</p> <p>1Pk Max</p> <p>M1[1] -32.09 dBm 5.132520 GHz M2[1] -30.31 dBm 5.387190 GHz</p> <p>D1 -21.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 21:55:37</p>
Avg	<p>Spectrum 3</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 636.7 ms VBW 10 Hz Mode Auto FFT</p> <p>1Pk Max</p> <p>M1[1] -44.55 dBm 5.145980 GHz M2[1] -42.23 dBm 5.385890 GHz</p> <p>D1 -41.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 21:55:07</p>

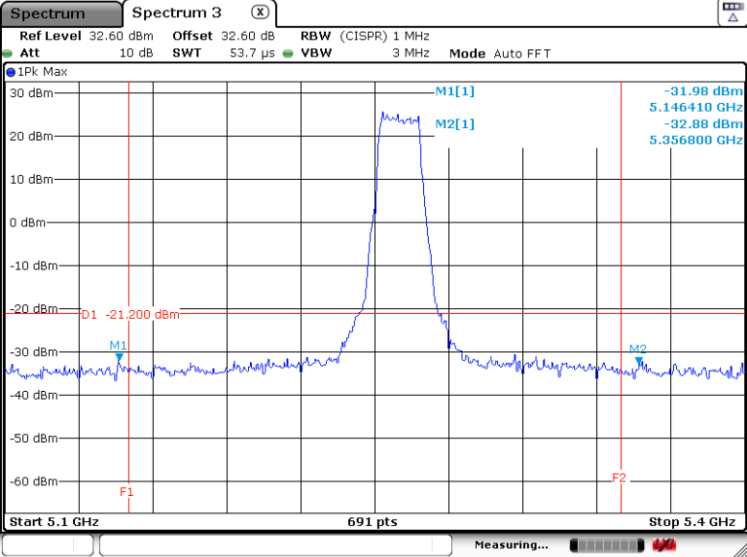
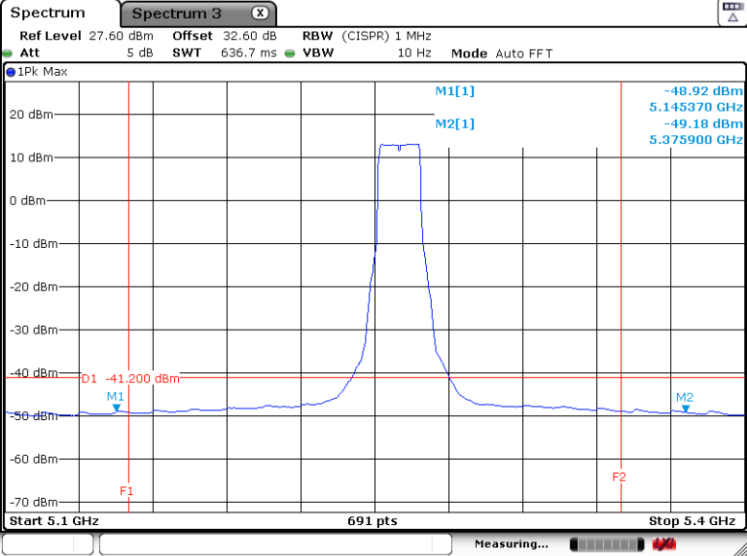


ANT	4
Peak	<p>Spectrum 3</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 53.7 μs VBW 3 MHz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -31.72 dBm 5.147710 GHz M2[1] -28.33 dBm 5.386320 GHz</p> <p>D1 -21.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 21:53:55</p>
Avg	<p>Spectrum 3</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 636.7 ms VBW 10 Hz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -44.60 dBm 5.145980 GHz M2[1] -41.31 dBm 5.387190 GHz</p> <p>D1 -41.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 21:52:52</p>



Mode	Band Edge
	802.11a_CH52
ANT	1
Peak	<p>Spectrum 3 (X)</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 53.7 μs VBW 3 MHz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -32.93 dBm 5.148150 GHz M2[1] -32.69 dBm 5.371560 GHz</p> <p>D1 -21.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26 JUN 2024 22:07:22</p>
Avg	<p>Spectrum 3 (X)</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 5 dB SWT 636.7 ms VBW 10 Hz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -48.71 dBm 5.145370 GHz M2[1] -48.39 dBm 5.355500 GHz</p> <p>D1 -41.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 27 JUN 2024 02:42:14</p>



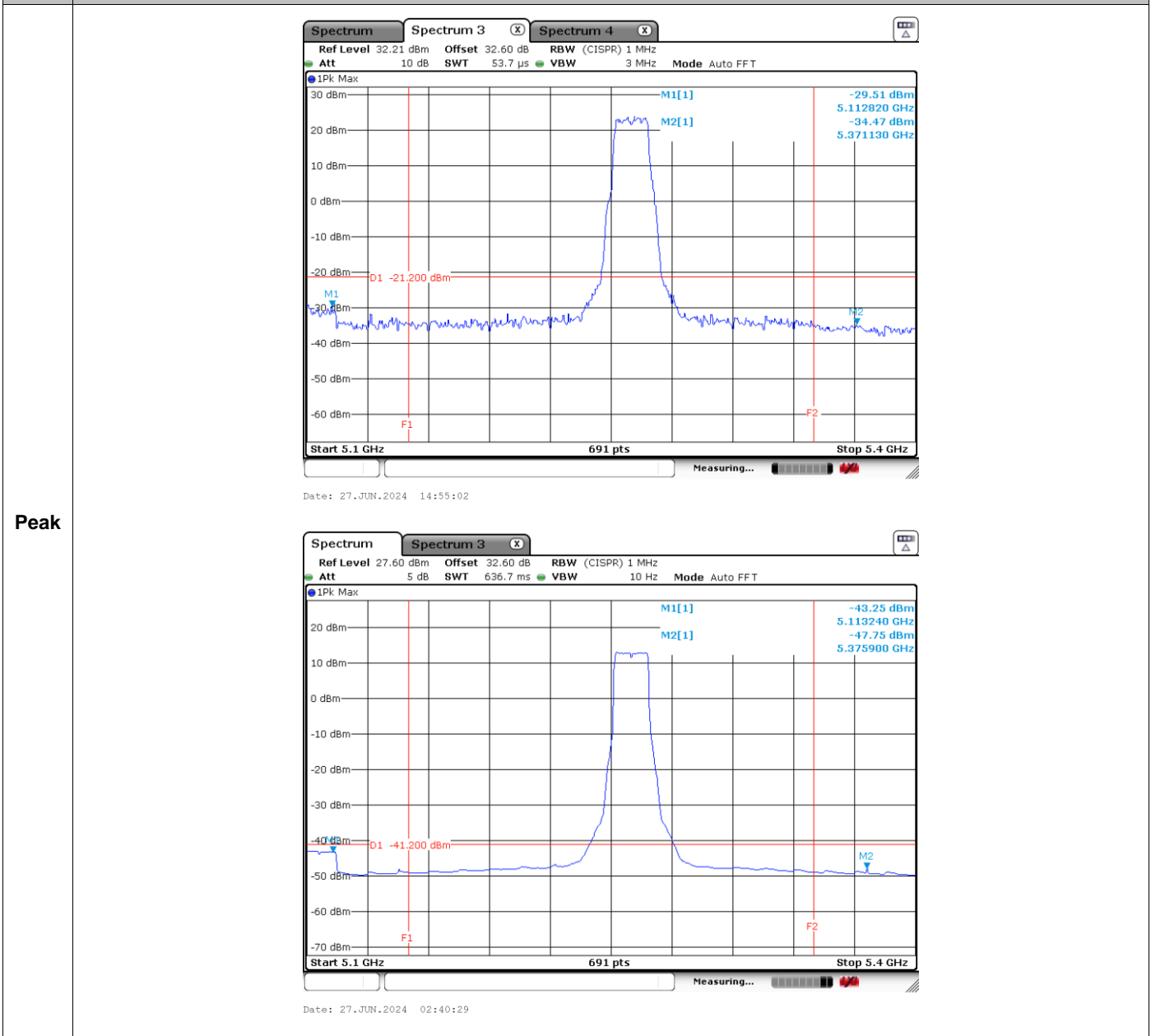
ANT	2
Peak	 <p>Spectrum Spectrum 3 (X)</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 53.7 μs VBW 3 MHz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -31.98 dBm 5.146410 GHz M2[1] -32.88 dBm 5.356800 GHz</p> <p>D1 -21.200 dBm</p> <p>M1 M2</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 22:06:08</p>
Avg	 <p>Spectrum Spectrum 3 (X)</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 5 dB SWT 636.7 ms VBW 10 Hz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -48.92 dBm 5.145370 GHz M2[1] -49.18 dBm 5.375900 GHz</p> <p>D1 -41.200 dBm</p> <p>M1 M2</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 27.JUN.2024 02:41:40</p>



ANT	3
Peak	<p>Spectrum Spectrum 3 (X)</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 53.7 μs VBW 3 MHz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -31.96 dBm 5.146850 GHz M2[1] -33.05 dBm 5.356800 GHz</p> <p>D1 -21.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 22:04:36</p>
Avg	<p>Spectrum Spectrum 3 (X)</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 5 dB SWT 636.7 ms VBW 10 Hz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -46.79 dBm 5.113240 GHz M2[1] -46.12 dBm 5.375900 GHz</p> <p>D1 -41.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 27.JUN.2024 02:41:10</p>



ANT 4



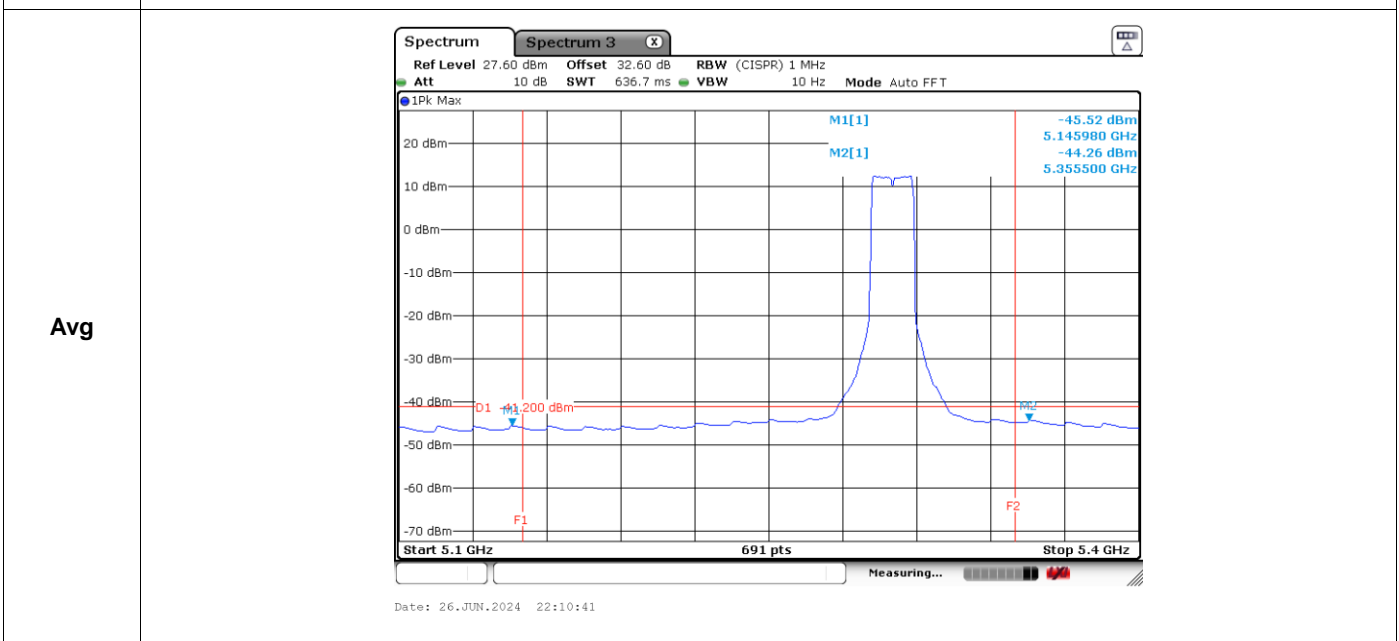
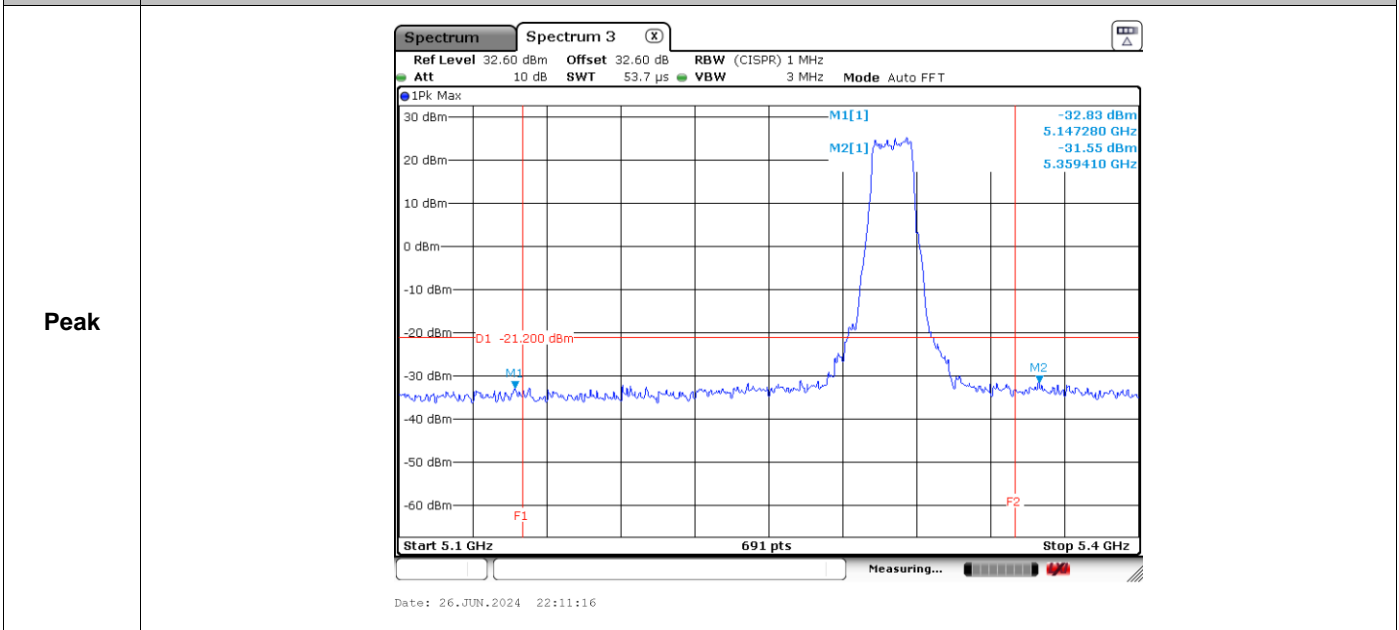
Avg



Mode	Band Edge
	802.11a_CH60
ANT	1
Peak	<p>Spectrum 3</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 53.7 μs VBW 3 MHz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -33.32 dBm 5.147710 GHz M2[1] -32.03 dBm 5.357670 GHz</p> <p>D1 -21.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 22:10:00</p>
Avg	<p>Spectrum 3</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 636.7 ms VBW 10 Hz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -45.53 dBm 5.145980 GHz M2[1] -44.28 dBm 5.355500 GHz</p> <p>D1 -44.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 22:09:23</p>

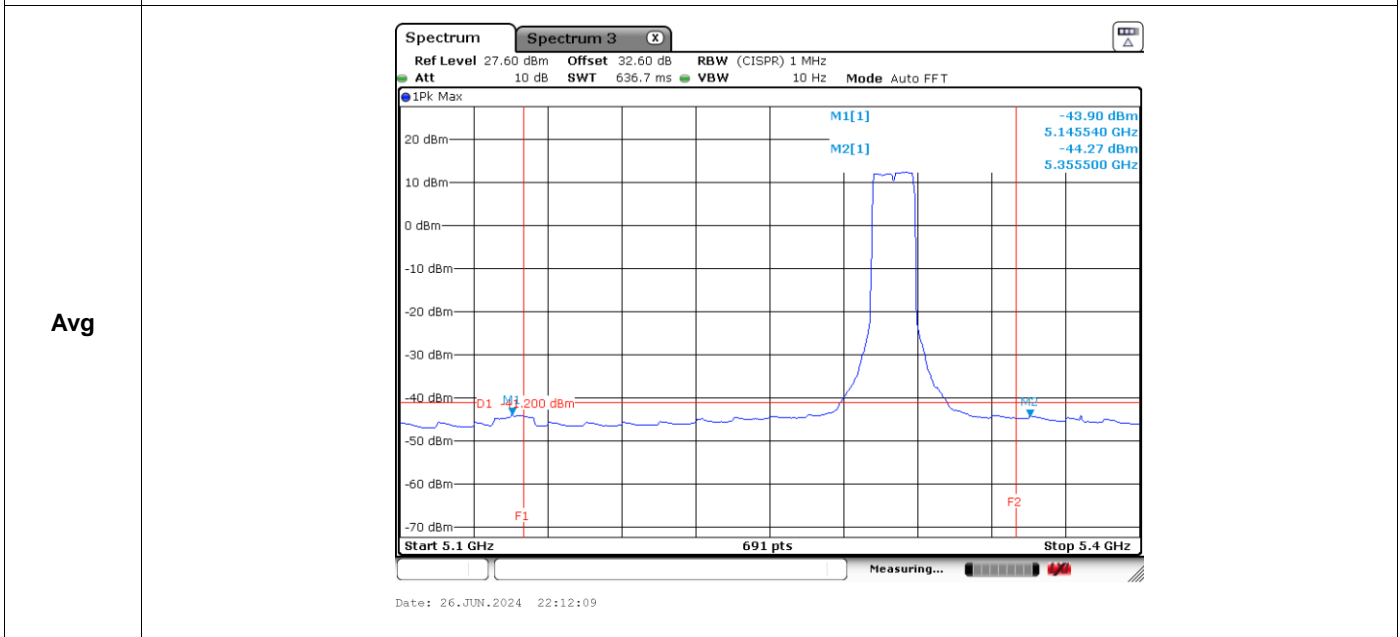
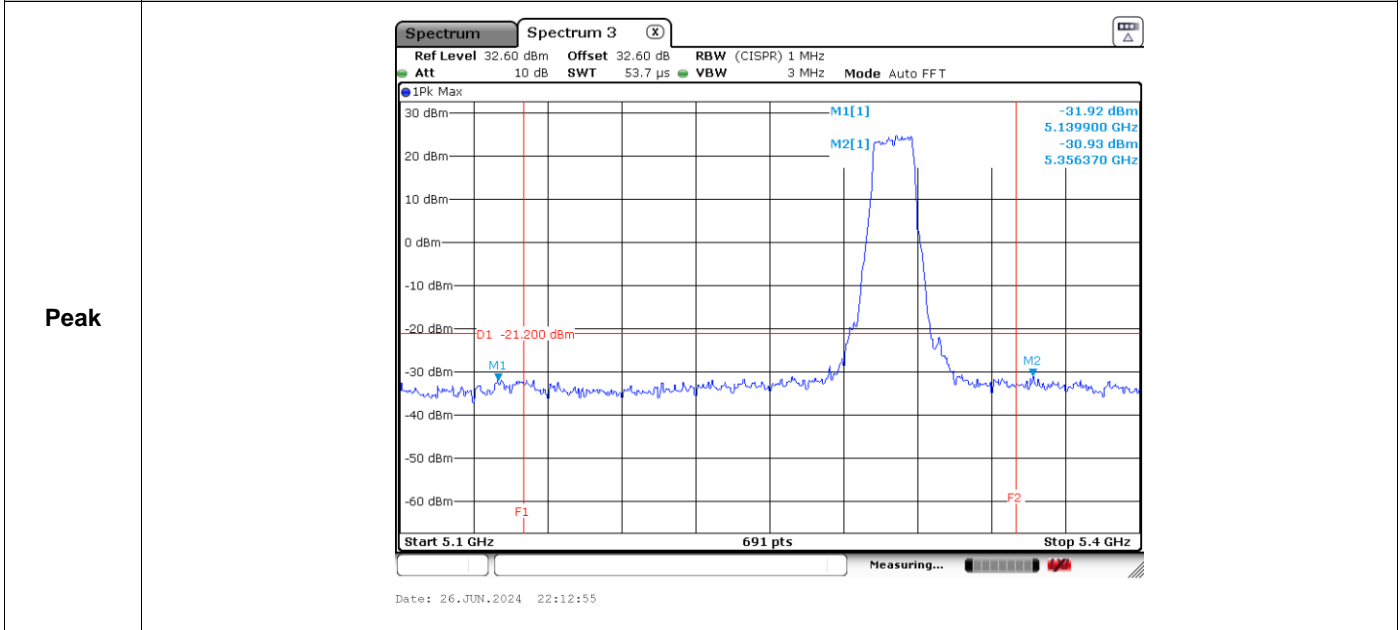


ANT 2



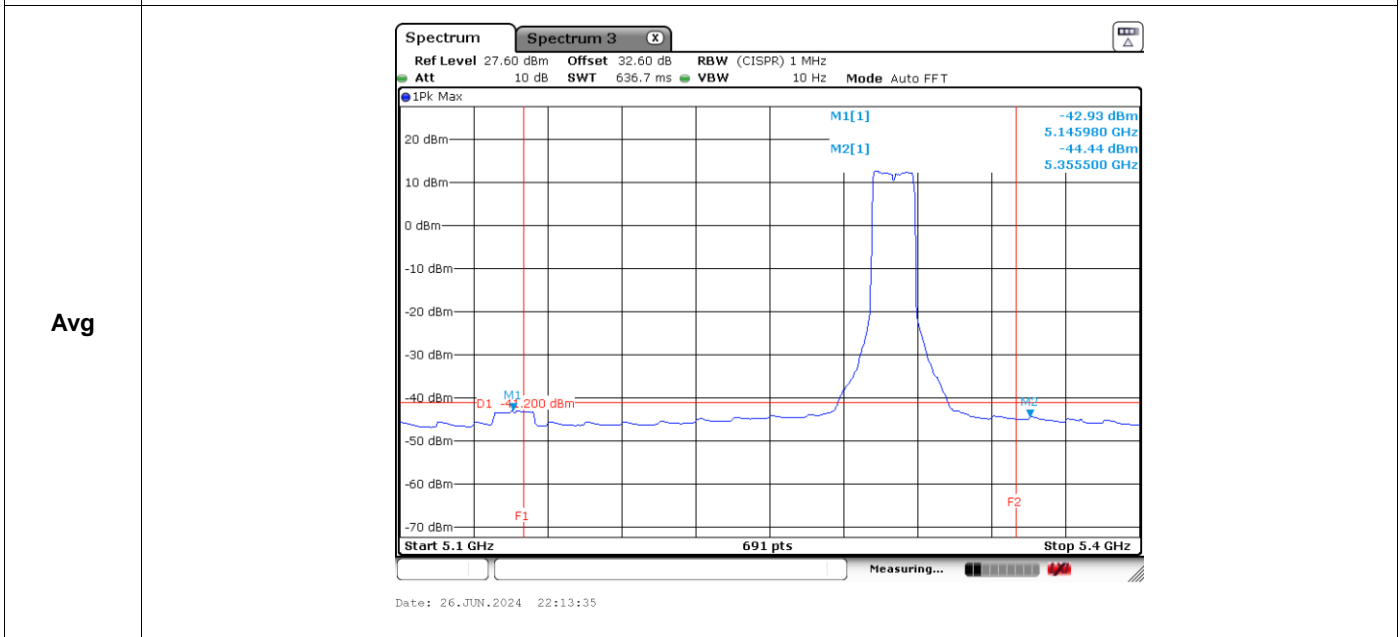
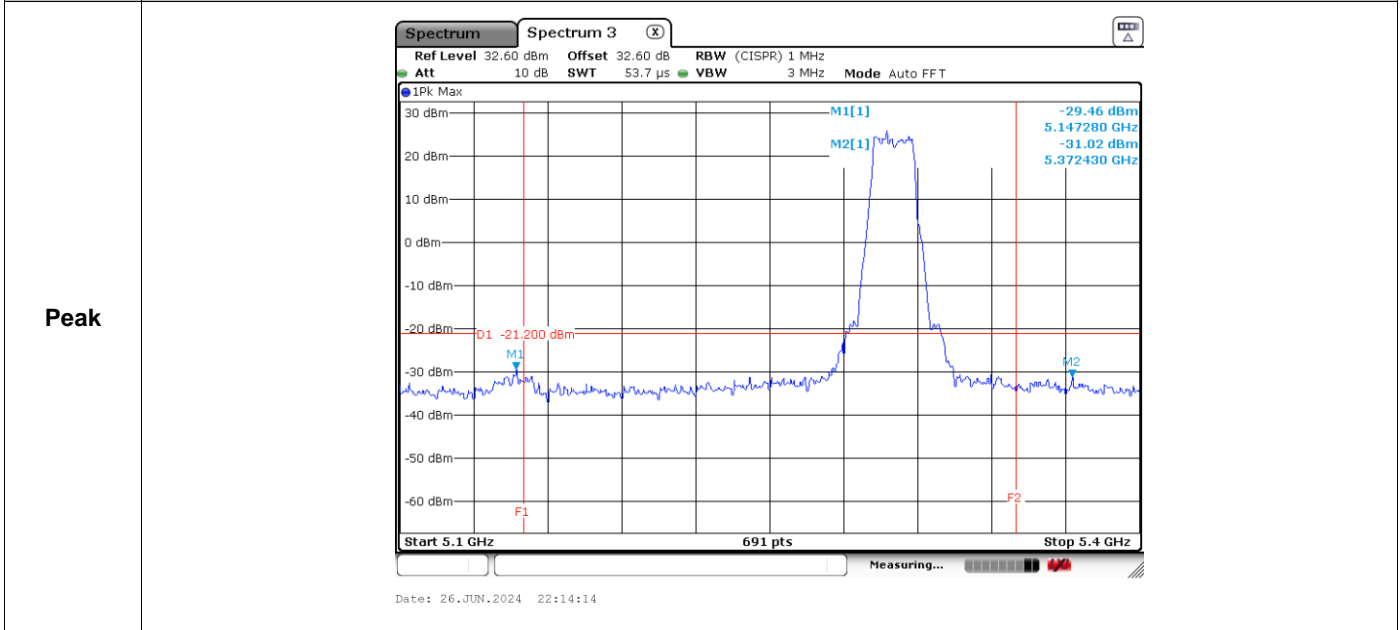


ANT	3
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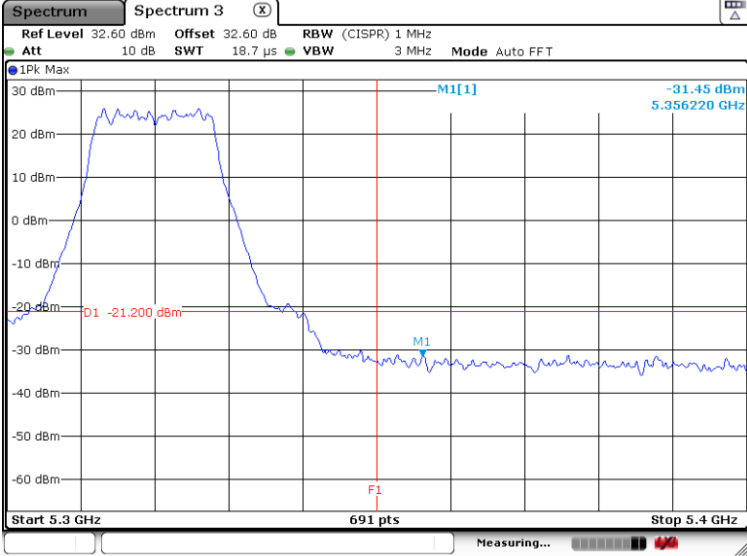
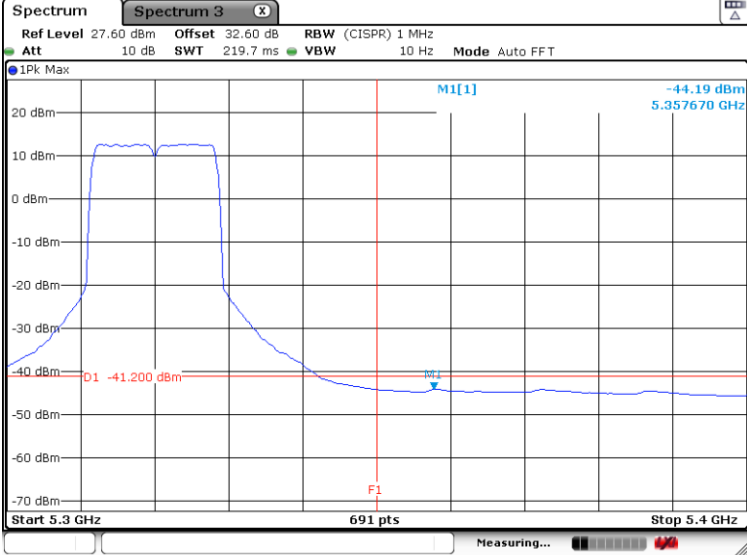




ANT 4





Mode	Band Edge 802.11a_CH64
ANT	1
Peak	 <p>The spectrum plot shows a signal centered at 5.356220 GHz. The peak level is -31.45 dBm. A red horizontal line at -21.200 dBm is labeled D1. A red vertical line at the center is labeled F1. The plot shows a sharp peak with a roll-off on both sides.</p> <p>Date: 26.JUN.2024 22:19:57</p>
Avg	 <p>The spectrum plot shows a signal centered at 5.357670 GHz. The peak level is -44.19 dBm. A red horizontal line at -41.200 dBm is labeled D1. A red vertical line at the center is labeled F1. The plot shows a wider peak compared to the peak measurement.</p> <p>Date: 26.JUN.2024 22:19:28</p>



ANT	2
Peak	<p>Date: 26.JUN.2024 22:19:04</p>
Avg	<p>Date: 26.JUN.2024 22:18:38</p>

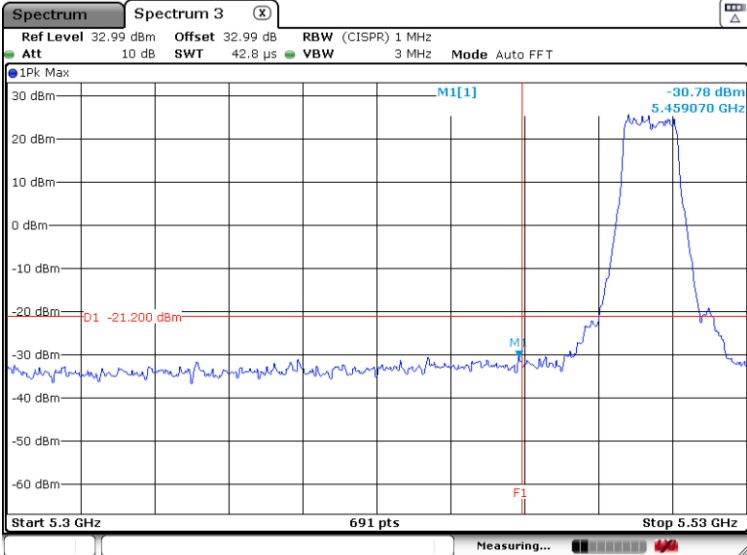
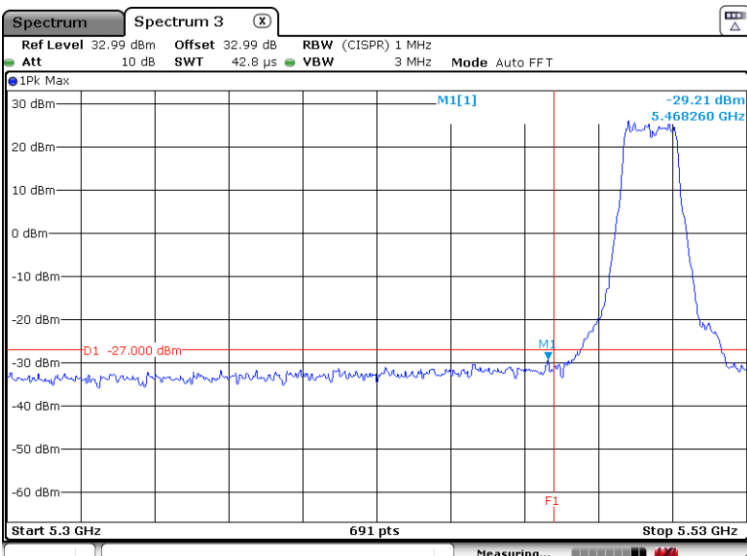


ANT	3
Peak	<p>Spectrum 3 (X)</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 18.7 μs VBW 3 MHz Mode Auto FFT</p> <p>IPk Max</p> <p>30 dBm</p> <p>20 dBm</p> <p>10 dBm</p> <p>0 dBm</p> <p>-10 dBm</p> <p>-20 dBm</p> <p>-30 dBm</p> <p>-40 dBm</p> <p>-50 dBm</p> <p>-60 dBm</p> <p>M1[1] -30.97 dBm 5.361720 GHz</p> <p>D1 -21.200 dBm</p> <p>M1</p> <p>F1</p> <p>Start 5.3 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 22:18:05</p>
Avg	<p>Spectrum 3 (X)</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 219.7 ms VBW 10 Hz Mode Auto FFT</p> <p>IPk Max</p> <p>20 dBm</p> <p>10 dBm</p> <p>0 dBm</p> <p>-10 dBm</p> <p>-20 dBm</p> <p>-30 dBm</p> <p>-40 dBm</p> <p>-50 dBm</p> <p>-60 dBm</p> <p>-70 dBm</p> <p>M1[1] -44.08 dBm 5.357670 GHz</p> <p>D1 -41.200 dBm</p> <p>M1</p> <p>F1</p> <p>Start 5.3 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 22:17:28</p>



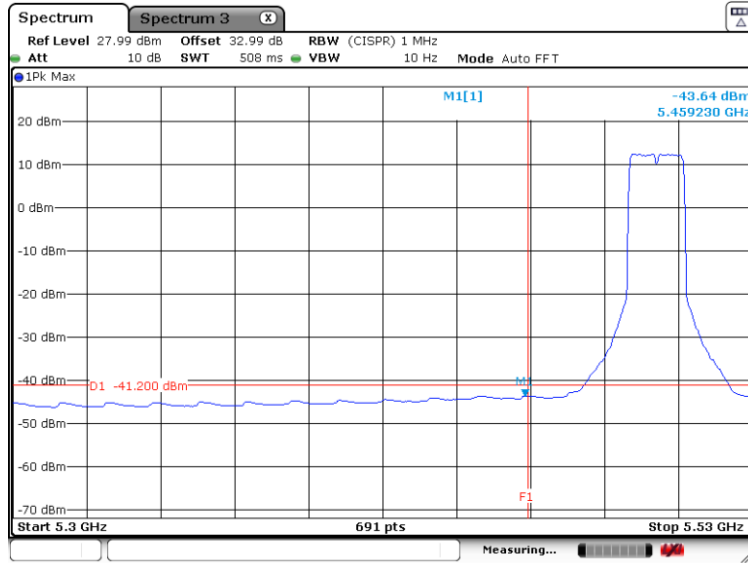
ANT	4
Peak	<p>Spectrum 3 (X)</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 18.7 μs VBW 3 MHz Mode Auto FFT</p> <p>IPk Max</p> <p>30 dBm</p> <p>20 dBm</p> <p>10 dBm</p> <p>0 dBm</p> <p>-10 dBm</p> <p>-20 dBm</p> <p>-30 dBm</p> <p>-40 dBm</p> <p>-50 dBm</p> <p>-60 dBm</p> <p>M1[1] -30.09 dBm 5.358100 GHz</p> <p>D1 -21.200 dBm</p> <p>M1</p> <p>F1</p> <p>Start 5.3 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 22:16:59</p>
Avg	<p>Spectrum 3 (X)</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 219.7 ms VBW 10 Hz Mode Auto FFT</p> <p>IPk Max</p> <p>20 dBm</p> <p>10 dBm</p> <p>0 dBm</p> <p>-10 dBm</p> <p>-20 dBm</p> <p>-30 dBm</p> <p>-40 dBm</p> <p>-50 dBm</p> <p>-60 dBm</p> <p>-70 dBm</p> <p>M1[1] -44.22 dBm 5.357670 GHz</p> <p>D1 -41.200 dBm</p> <p>M1</p> <p>F1</p> <p>Start 5.3 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 22:16:27</p>



Mode	Band Edge
	802.11a_CH100
ANT	1
Peak	 <p>Date: 26.JUN.2024 22:33:32</p>
Peak	 <p>Date: 27.JUN.2024 01:21:17</p>



Avg

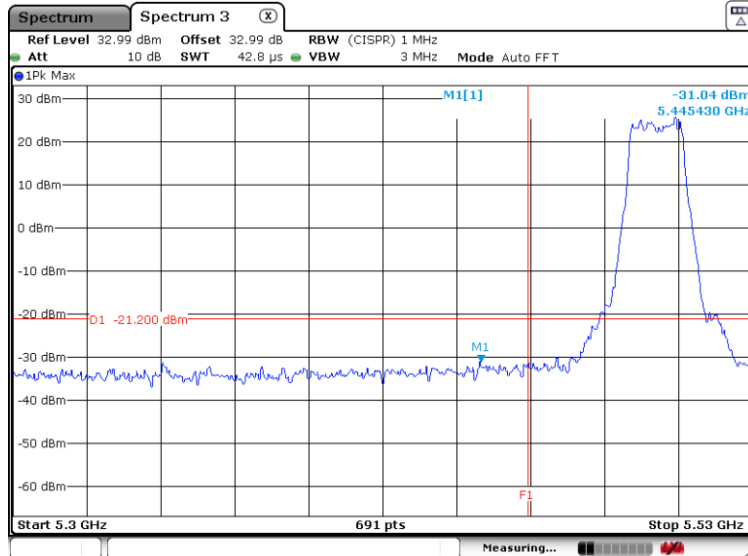


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ANT

2

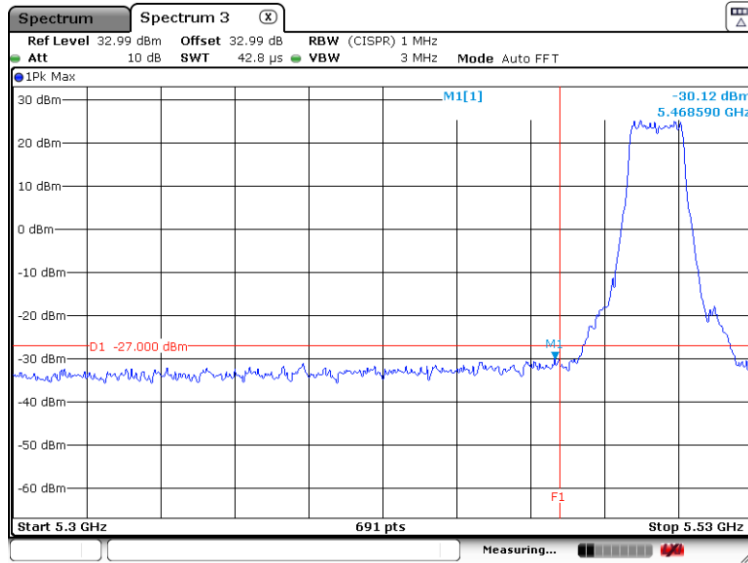
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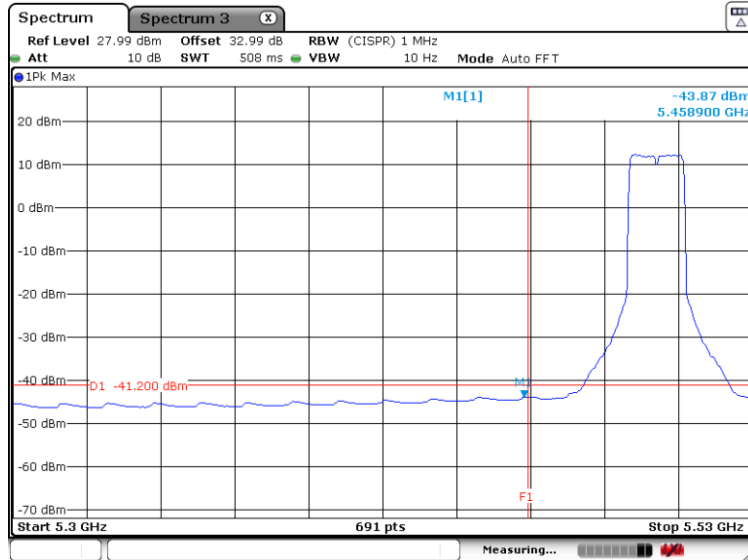


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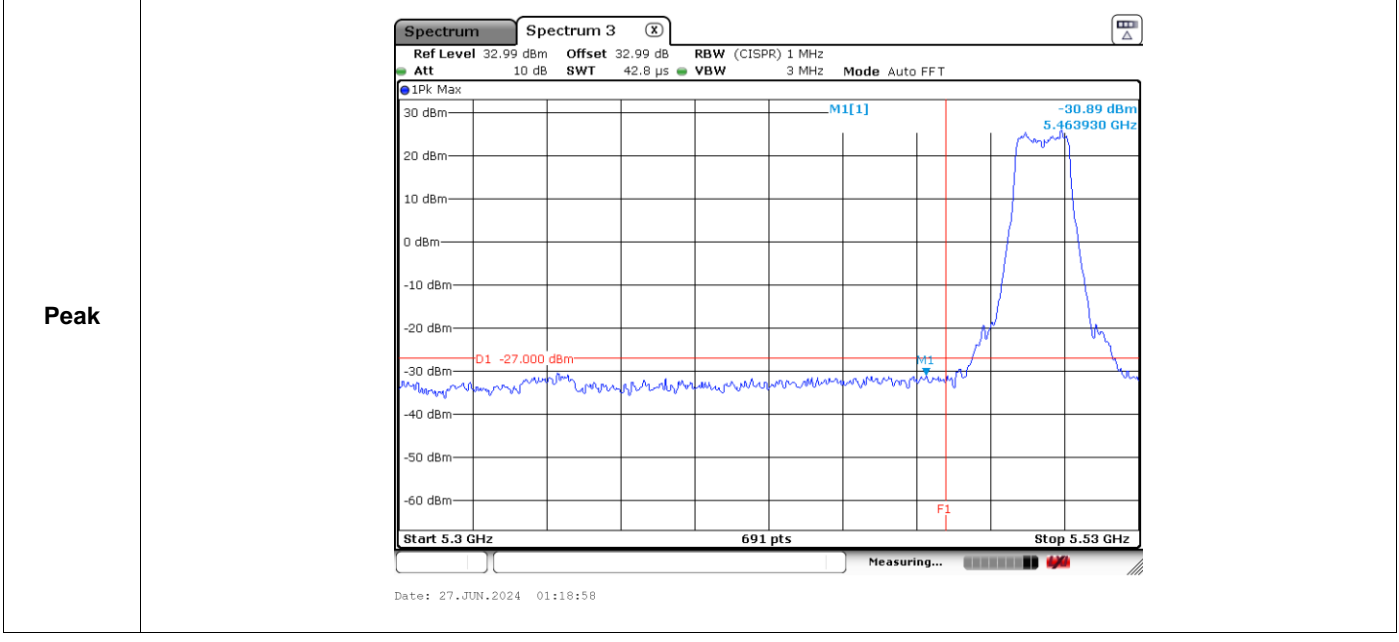
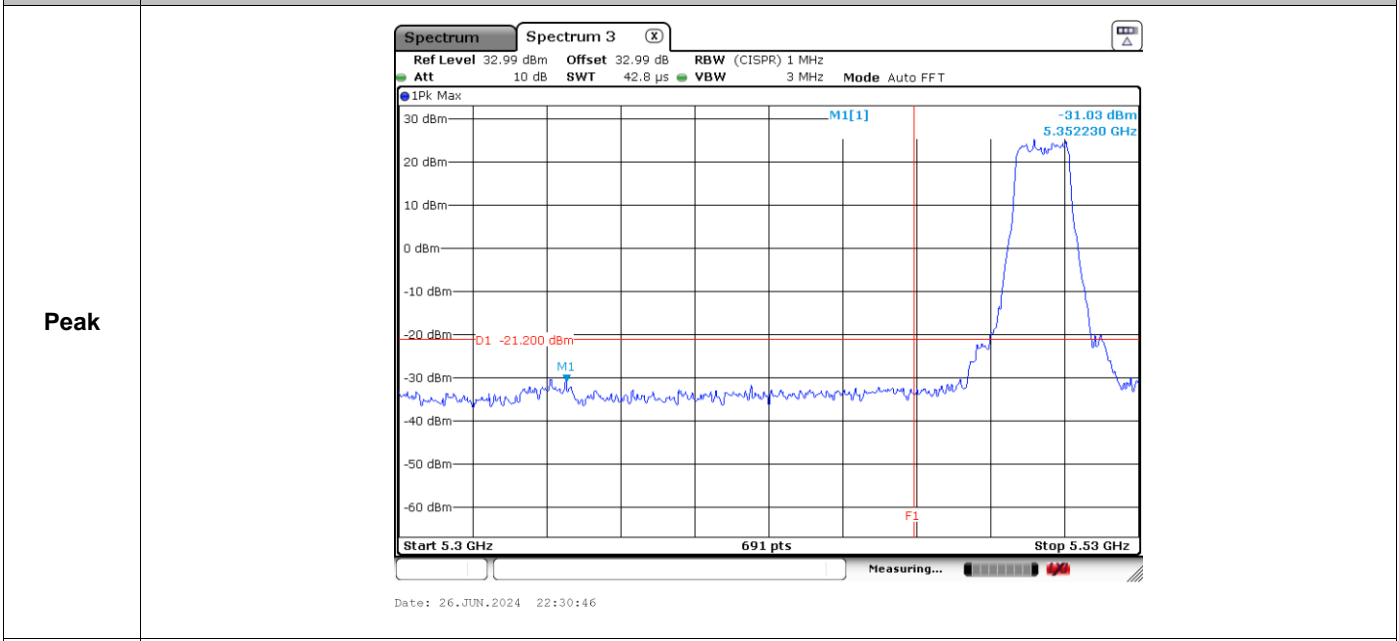
Avg



Date: 26.JUN.2024 22:31:49

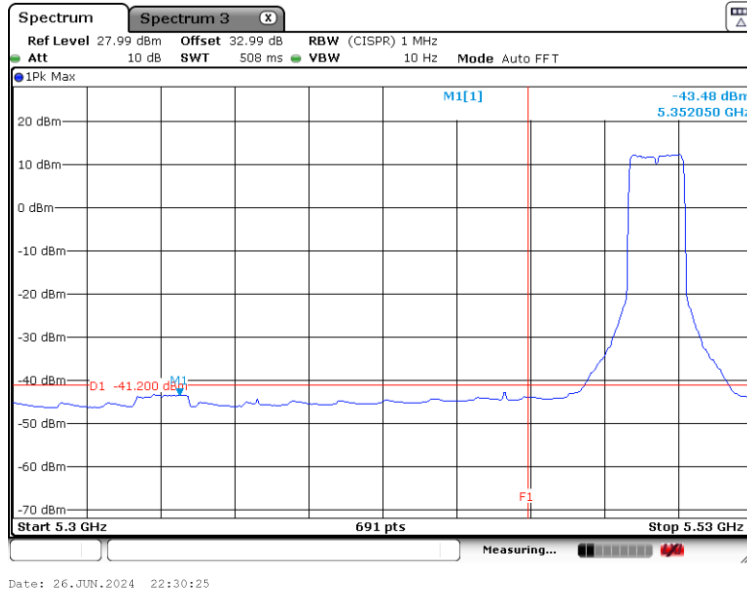


ANT	3
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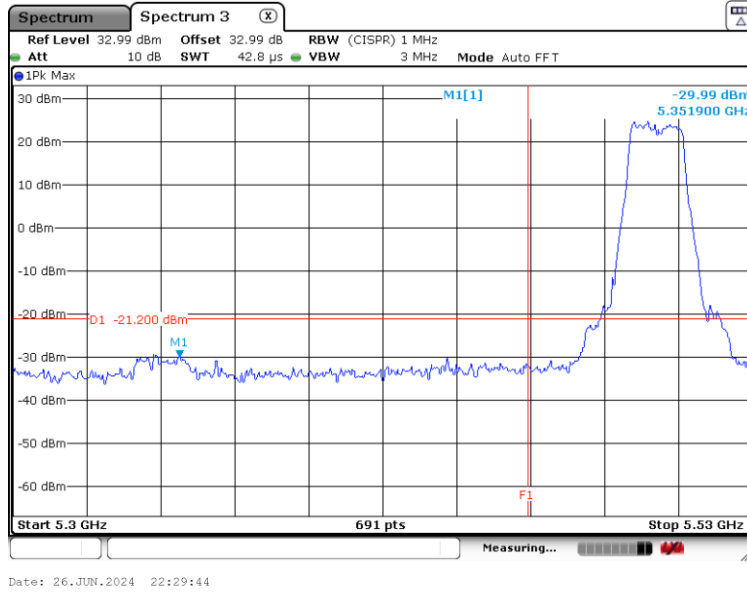
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ANT

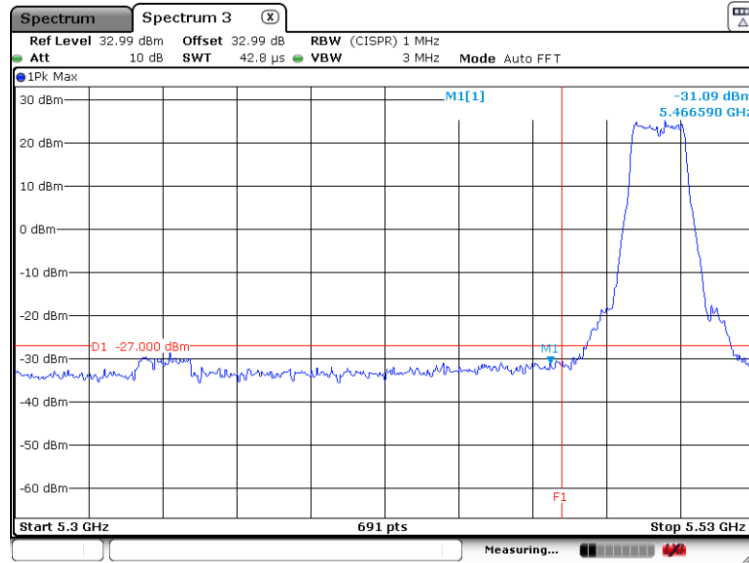
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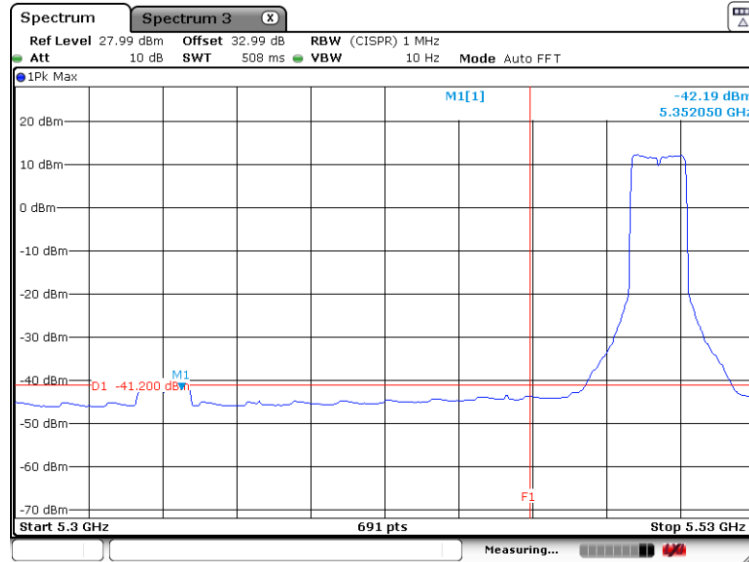




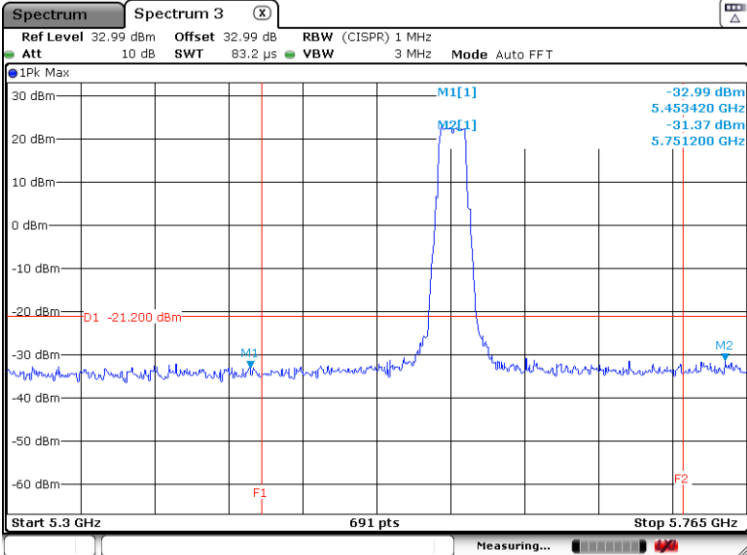
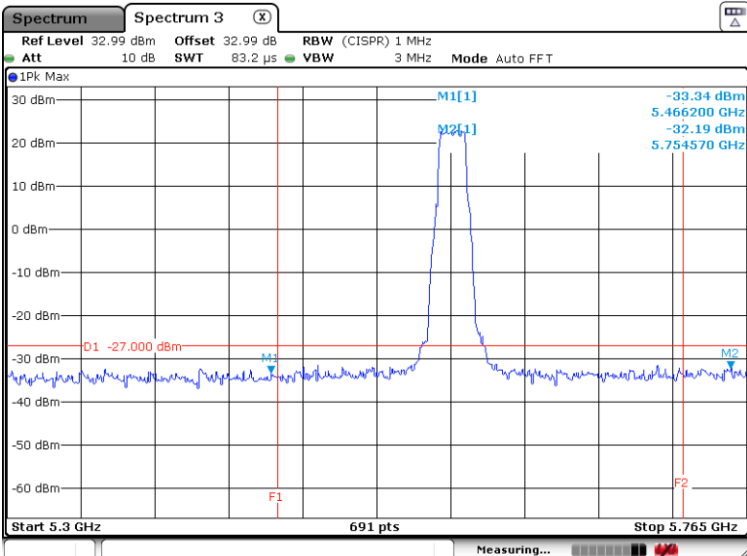
Peak



Avg

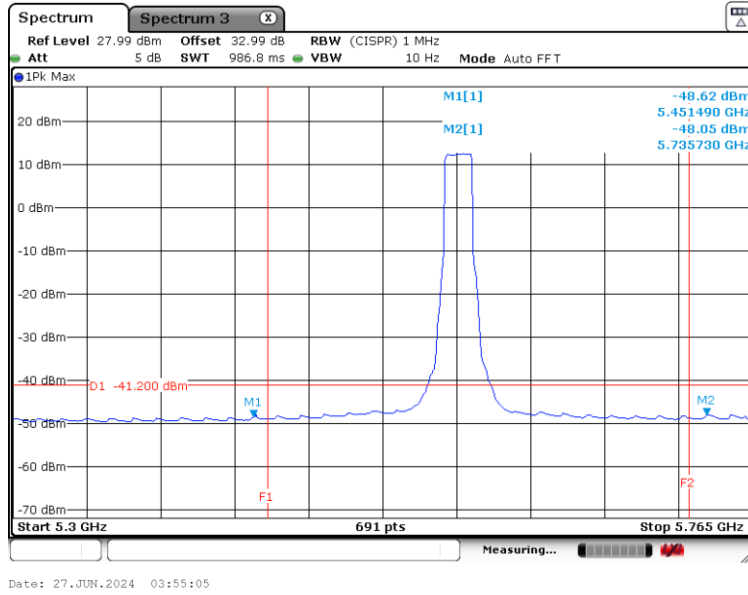




Mode	Band Edge
	802.11a_CH116
ANT	1
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Peak	 <p>Date: 27.JUN.2024 03:57:26</p>



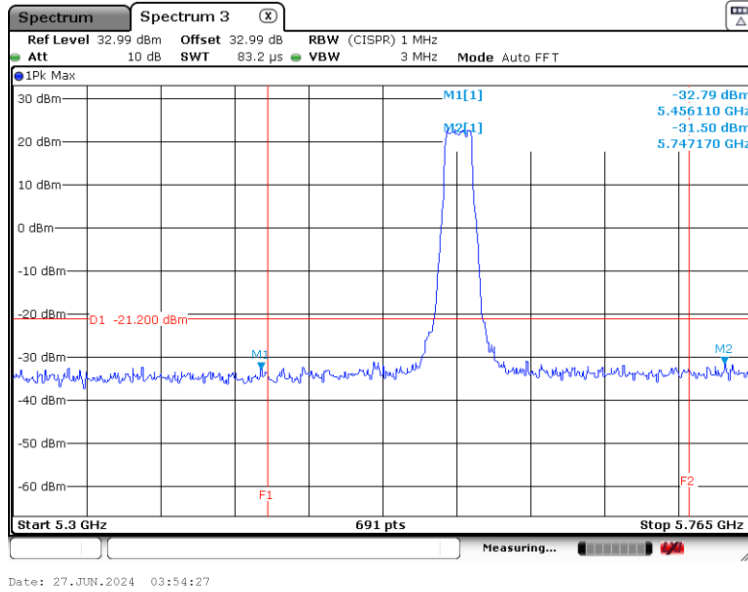
Avg



ANT

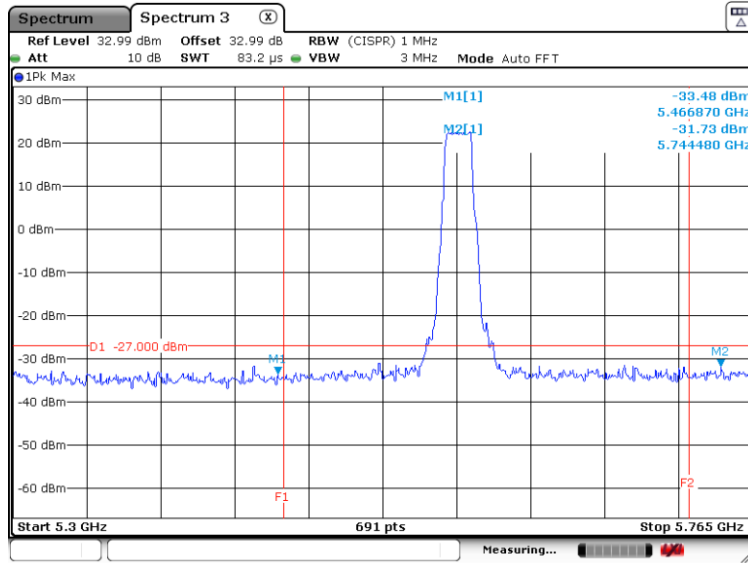
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Peak

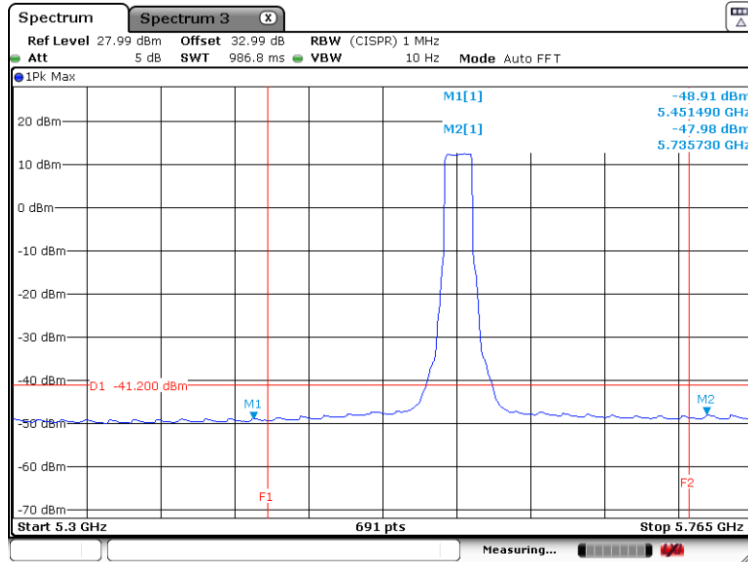




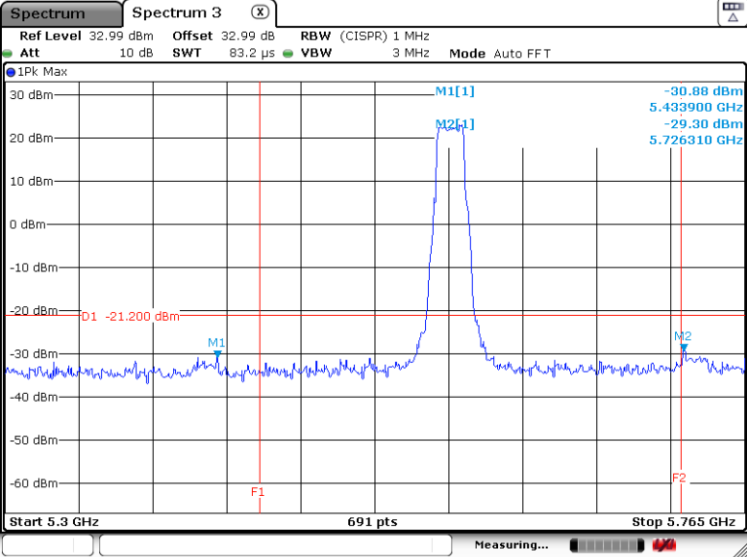
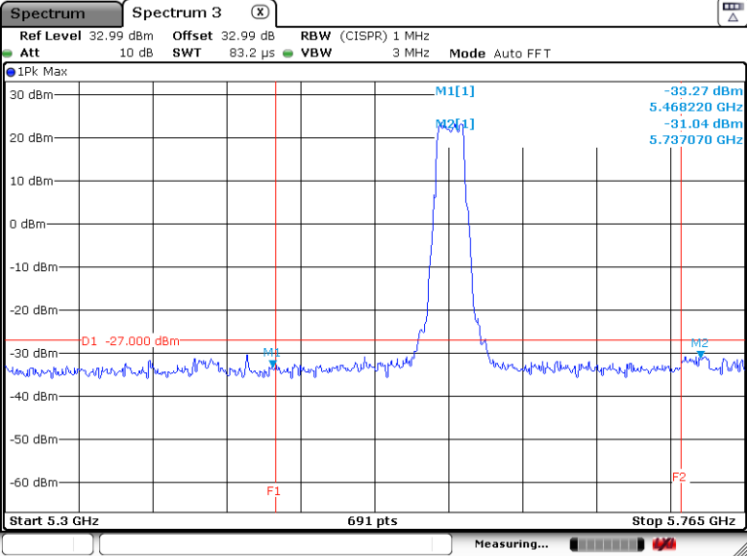
Peak



Avg

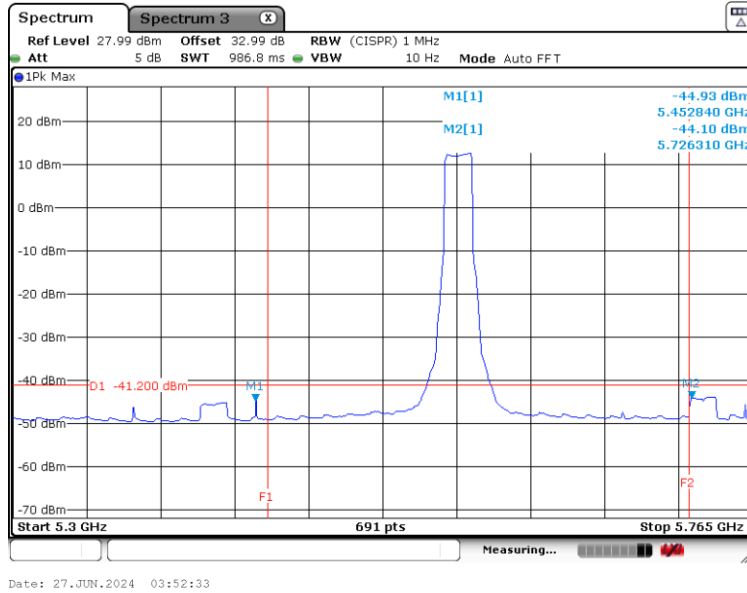




ANT	3												
Peak	 <p>Spectrum 3 (X)</p> <p>Ref Level 32.99 dBm Offset 32.99 dB RBW (CISPR) 1 MHz Att 10 dB SWT 83.2 μs VBW 3 MHz Mode Auto FFT</p> <p>IPk Max</p> <table border="1"><thead><tr><th>Label</th><th>Value</th></tr></thead><tbody><tr><td>M1</td><td>-21.200 dBm</td></tr><tr><td>M1[1]</td><td>-30.88 dBm</td></tr><tr><td>M2[1]</td><td>5.433900 GHz</td></tr><tr><td>M2</td><td>-29.30 dBm</td></tr><tr><td>M2</td><td>5.726310 GHz</td></tr></tbody></table> <p>Start 5.3 GHz 691 pts Stop 5.765 GHz</p> <p>Date: 27.JUN.2024 03:53:16</p>	Label	Value	M1	-21.200 dBm	M1[1]	-30.88 dBm	M2[1]	5.433900 GHz	M2	-29.30 dBm	M2	5.726310 GHz
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M1	-21.200 dBm												
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M2[1]	5.433900 GHz												
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M2	5.726310 GHz												
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M1[1]	-33.27 dBm												
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M2	-31.04 dBm												
M2	5.737070 GHz												



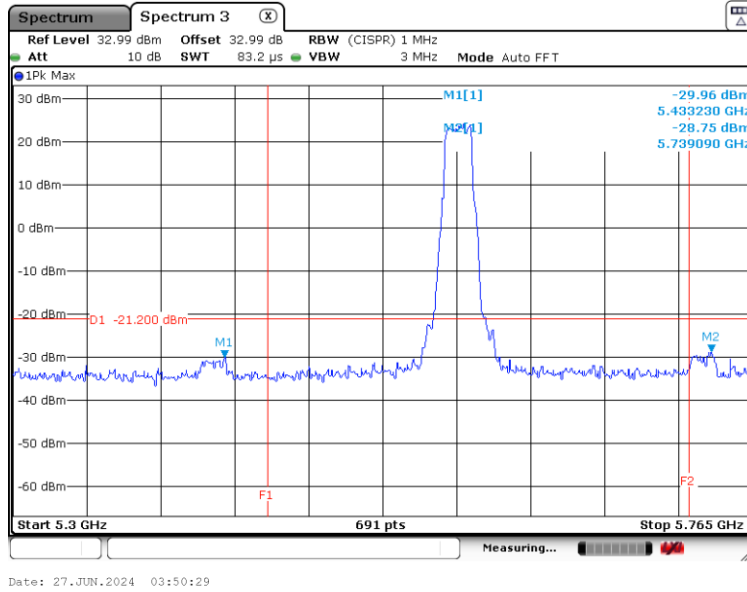
Avg



ANT

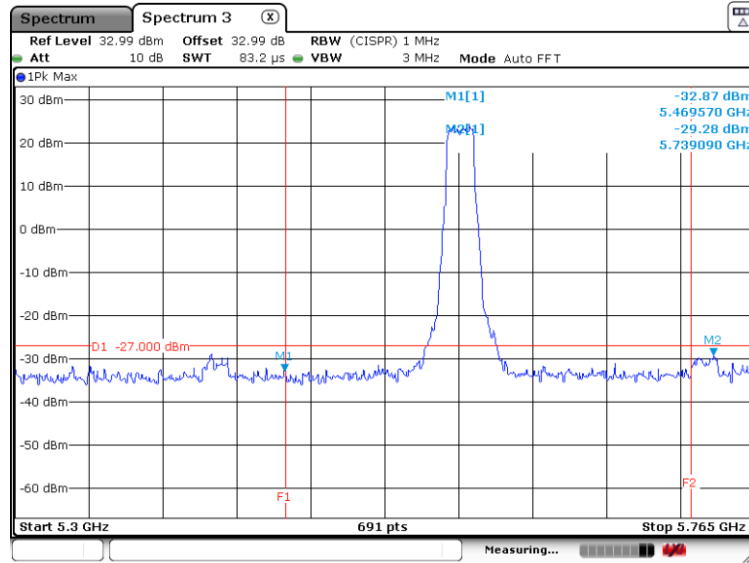
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Peak

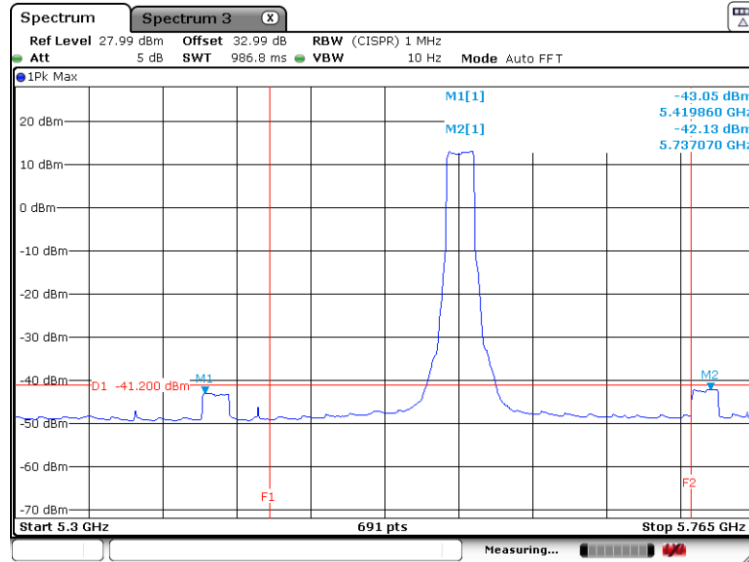




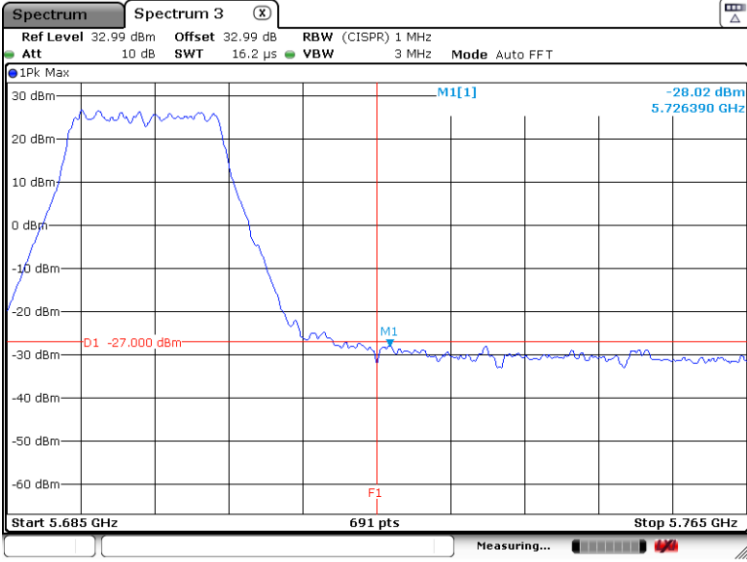
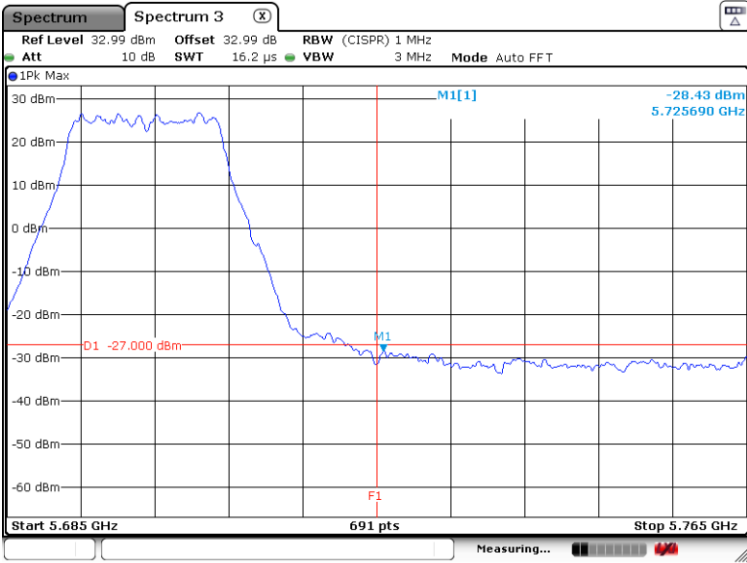
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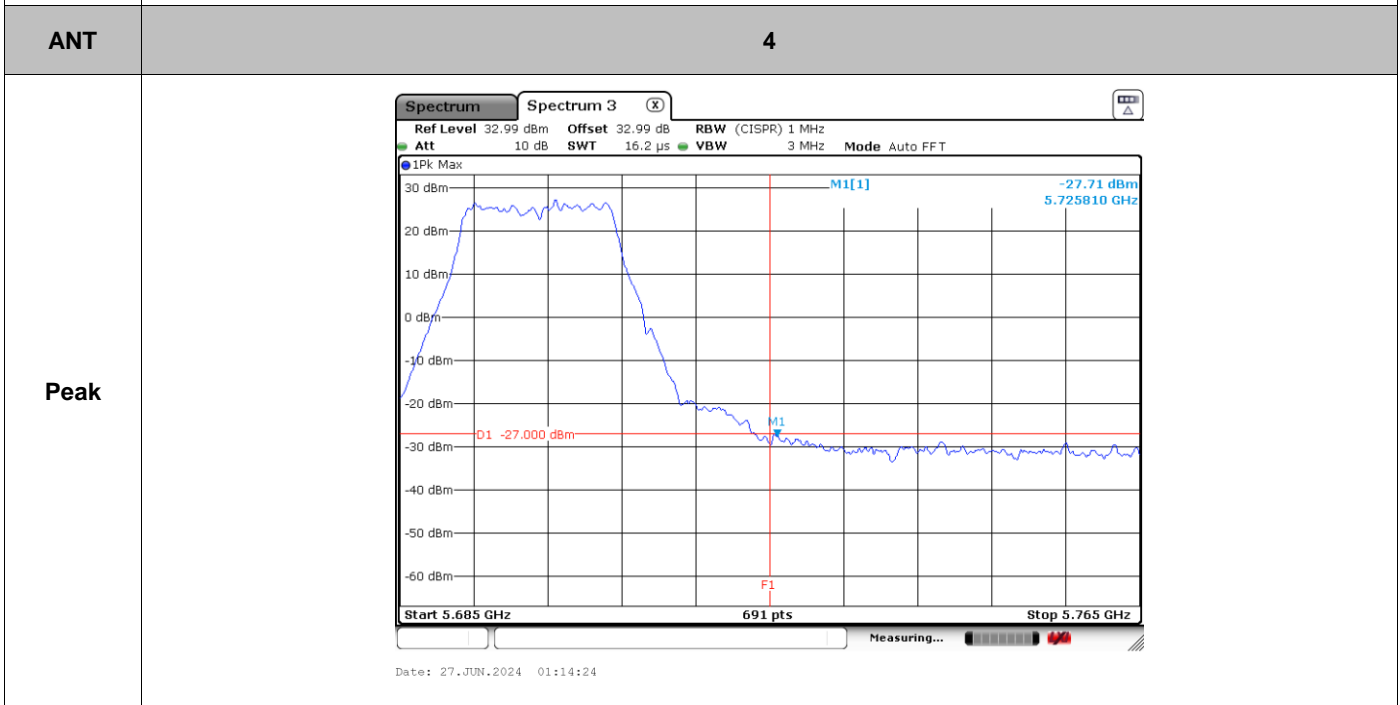
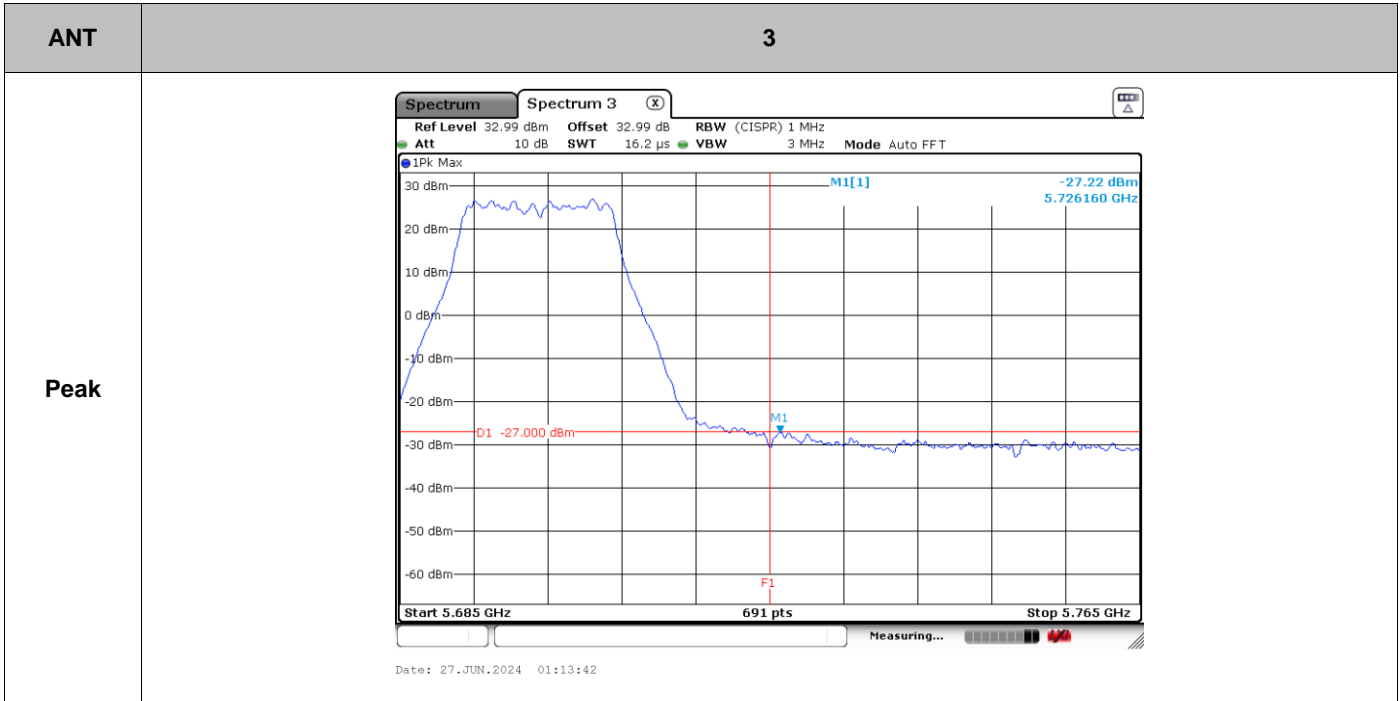


Avg

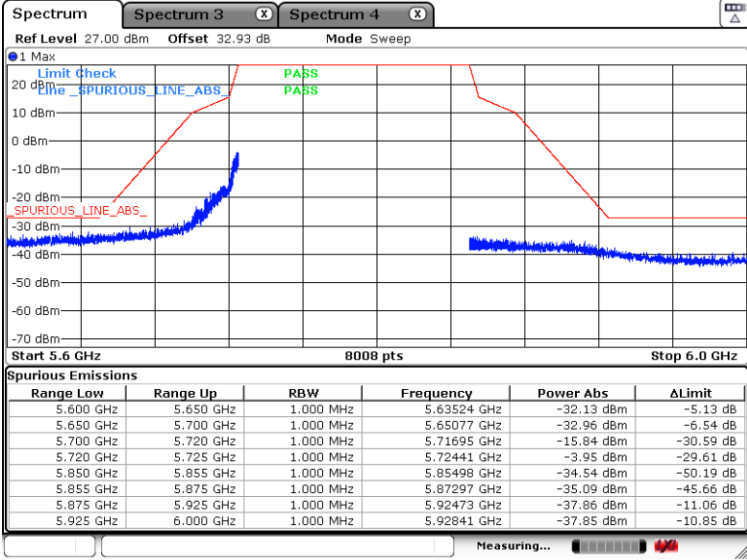
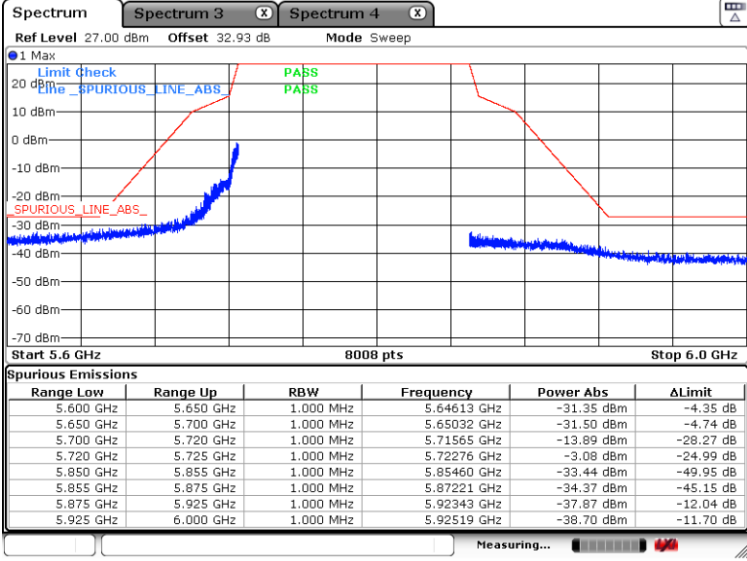




Mode	Band Edge
	802.11a_CH140
ANT	1
Peak	 <p>Date: 27.JUN.2024 01:11:25</p>
ANT	2
Peak	 <p>Date: 27.JUN.2024 01:10:23</p>





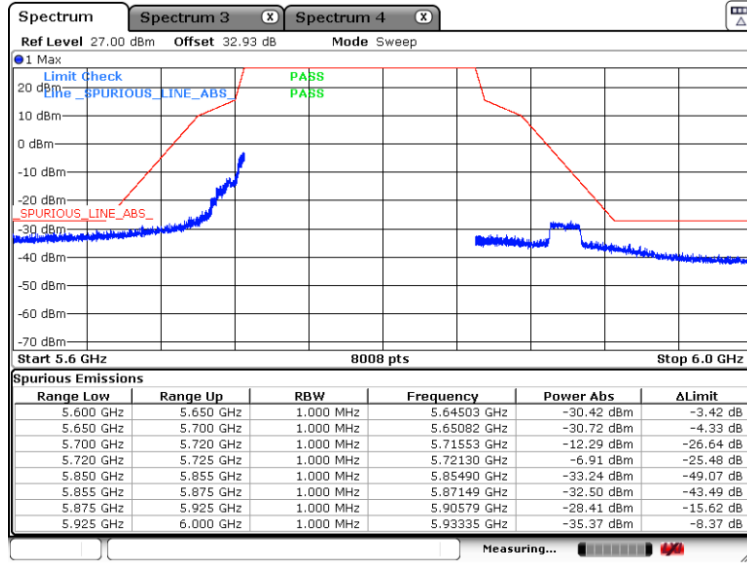
Mode	Band Edge 802.11a_CH149																																																						
ANT	1																																																						
Peak	 <p>Spurious Emissions</p> <table border="1"> <thead> <tr> <th>Range Low</th> <th>Range Up</th> <th>RBW</th> <th>Frequency</th> <th>Power Abs</th> <th>ΔLimit</th> </tr> </thead> <tbody> <tr><td>5.600 GHz</td><td>5.650 GHz</td><td>1.000 MHz</td><td>5.63524 GHz</td><td>-32.13 dBm</td><td>-5.13 dB</td></tr> <tr><td>5.650 GHz</td><td>5.700 GHz</td><td>1.000 MHz</td><td>5.65077 GHz</td><td>-32.96 dBm</td><td>-6.54 dB</td></tr> <tr><td>5.700 GHz</td><td>5.720 GHz</td><td>1.000 MHz</td><td>5.71695 GHz</td><td>-15.84 dBm</td><td>-30.59 dB</td></tr> <tr><td>5.720 GHz</td><td>5.725 GHz</td><td>1.000 MHz</td><td>5.72441 GHz</td><td>-3.95 dBm</td><td>-29.61 dB</td></tr> <tr><td>5.850 GHz</td><td>5.855 GHz</td><td>1.000 MHz</td><td>5.85498 GHz</td><td>-34.54 dBm</td><td>-50.19 dB</td></tr> <tr><td>5.855 GHz</td><td>5.875 GHz</td><td>1.000 MHz</td><td>5.87297 GHz</td><td>-35.09 dBm</td><td>-45.66 dB</td></tr> <tr><td>5.875 GHz</td><td>5.925 GHz</td><td>1.000 MHz</td><td>5.92473 GHz</td><td>-37.86 dBm</td><td>-11.06 dB</td></tr> <tr><td>5.925 GHz</td><td>6.000 GHz</td><td>1.000 MHz</td><td>5.92841 GHz</td><td>-37.85 dBm</td><td>-10.85 dB</td></tr> </tbody> </table> <p>Date: 27.JUN.2024 11:35:35</p>	Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit	5.600 GHz	5.650 GHz	1.000 MHz	5.63524 GHz	-32.13 dBm	-5.13 dB	5.650 GHz	5.700 GHz	1.000 MHz	5.65077 GHz	-32.96 dBm	-6.54 dB	5.700 GHz	5.720 GHz	1.000 MHz	5.71695 GHz	-15.84 dBm	-30.59 dB	5.720 GHz	5.725 GHz	1.000 MHz	5.72441 GHz	-3.95 dBm	-29.61 dB	5.850 GHz	5.855 GHz	1.000 MHz	5.85498 GHz	-34.54 dBm	-50.19 dB	5.855 GHz	5.875 GHz	1.000 MHz	5.87297 GHz	-35.09 dBm	-45.66 dB	5.875 GHz	5.925 GHz	1.000 MHz	5.92473 GHz	-37.86 dBm	-11.06 dB	5.925 GHz	6.000 GHz	1.000 MHz	5.92841 GHz	-37.85 dBm	-10.85 dB
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit																																																		
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Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit																																																		
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5.850 GHz	5.855 GHz	1.000 MHz	5.85460 GHz	-33.44 dBm	-49.95 dB																																																		
5.855 GHz	5.875 GHz	1.000 MHz	5.87221 GHz	-34.37 dBm	-45.15 dB																																																		
5.875 GHz	5.925 GHz	1.000 MHz	5.92343 GHz	-37.87 dBm	-12.04 dB																																																		
5.925 GHz	6.000 GHz	1.000 MHz	5.92519 GHz	-38.70 dBm	-11.70 dB																																																		



ANT

3

Peak

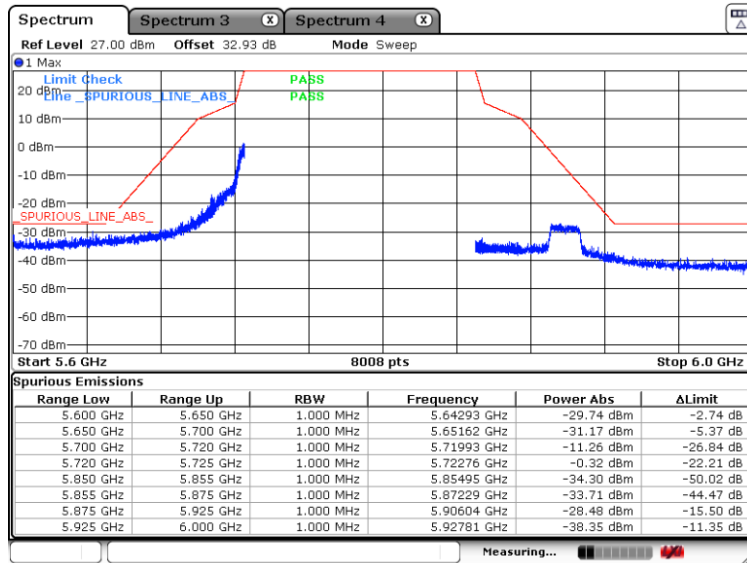


Date: 27.JUN.2024 11:34:43

ANT

4

Peak

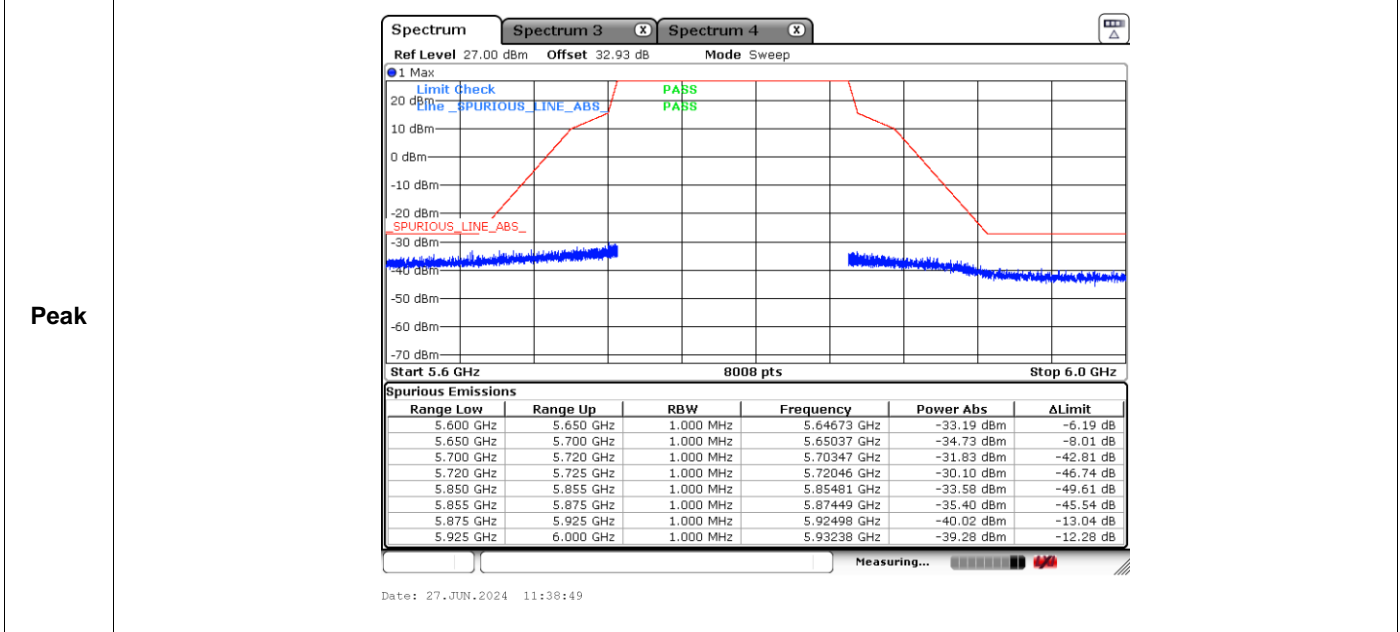


Date: 27.JUN.2024 11:34:01

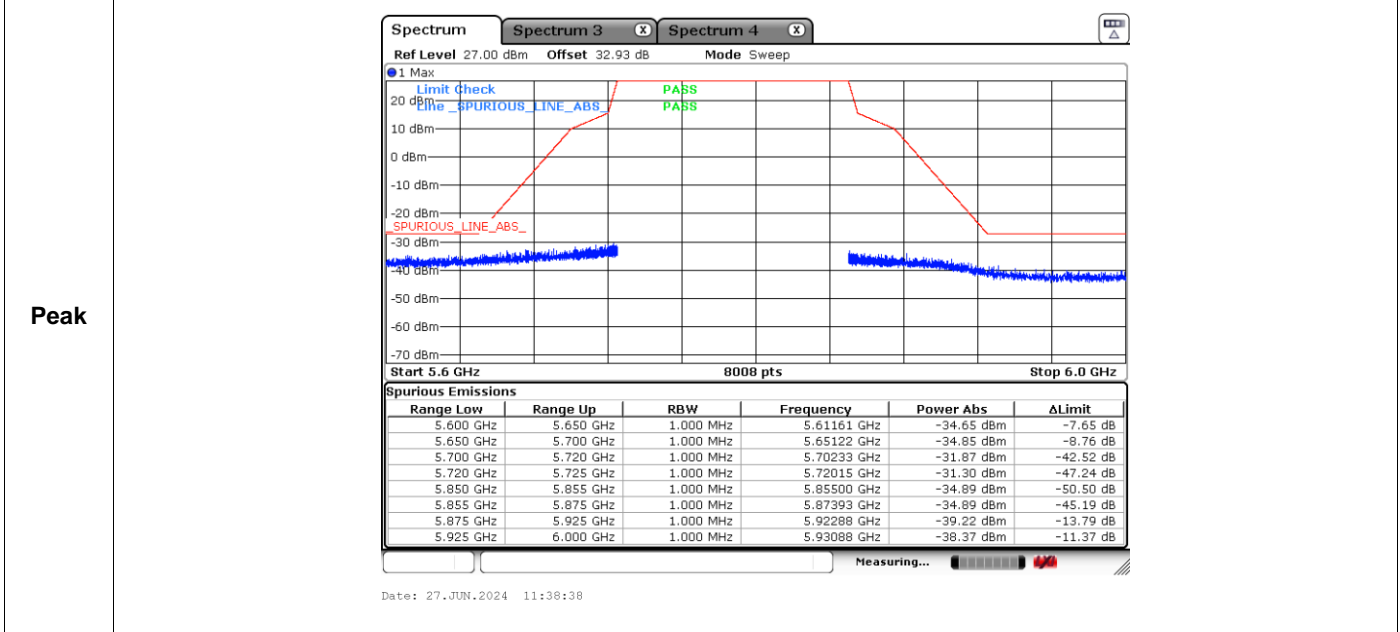


Mode	Band Edge
	802.11a_CH157

ANT	1
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ANT	2
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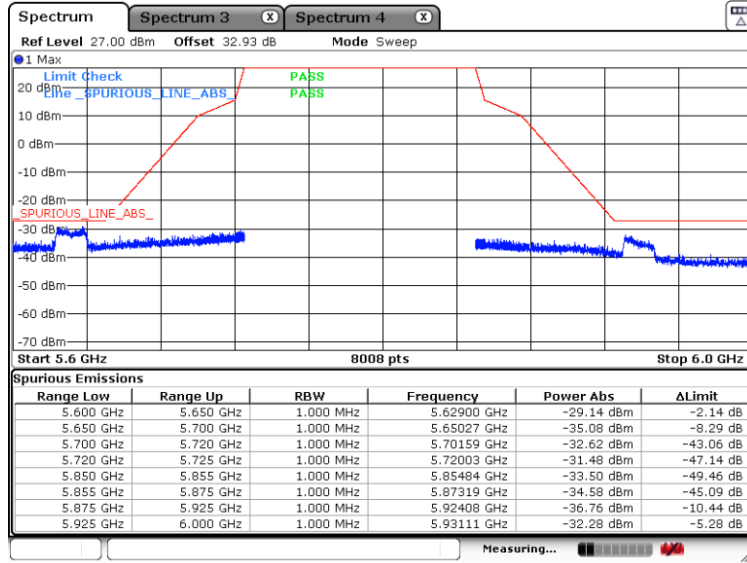




ANT

3

Peak

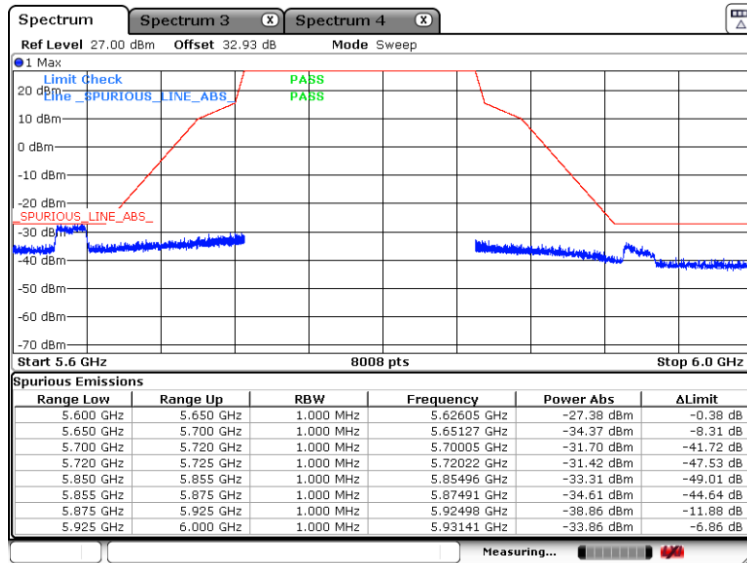


Date: 27.JUN.2024 11:38:18

ANT

4

Peak

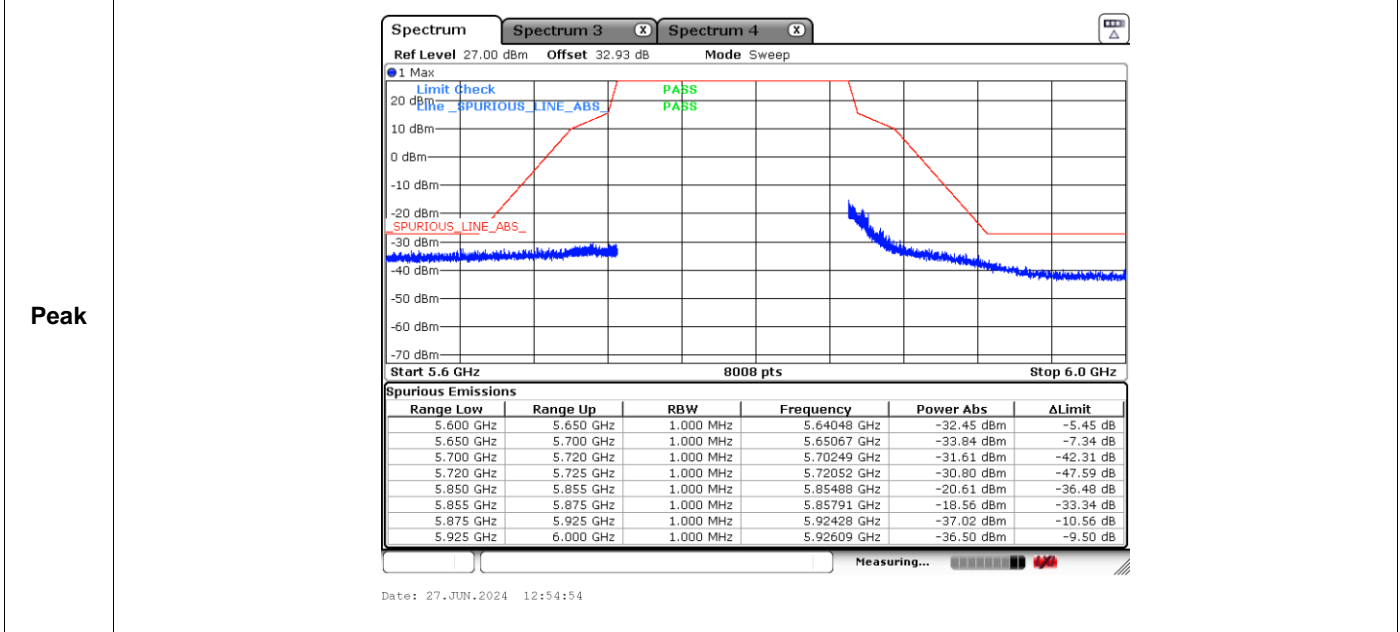


Date: 27.JUN.2024 11:37:37

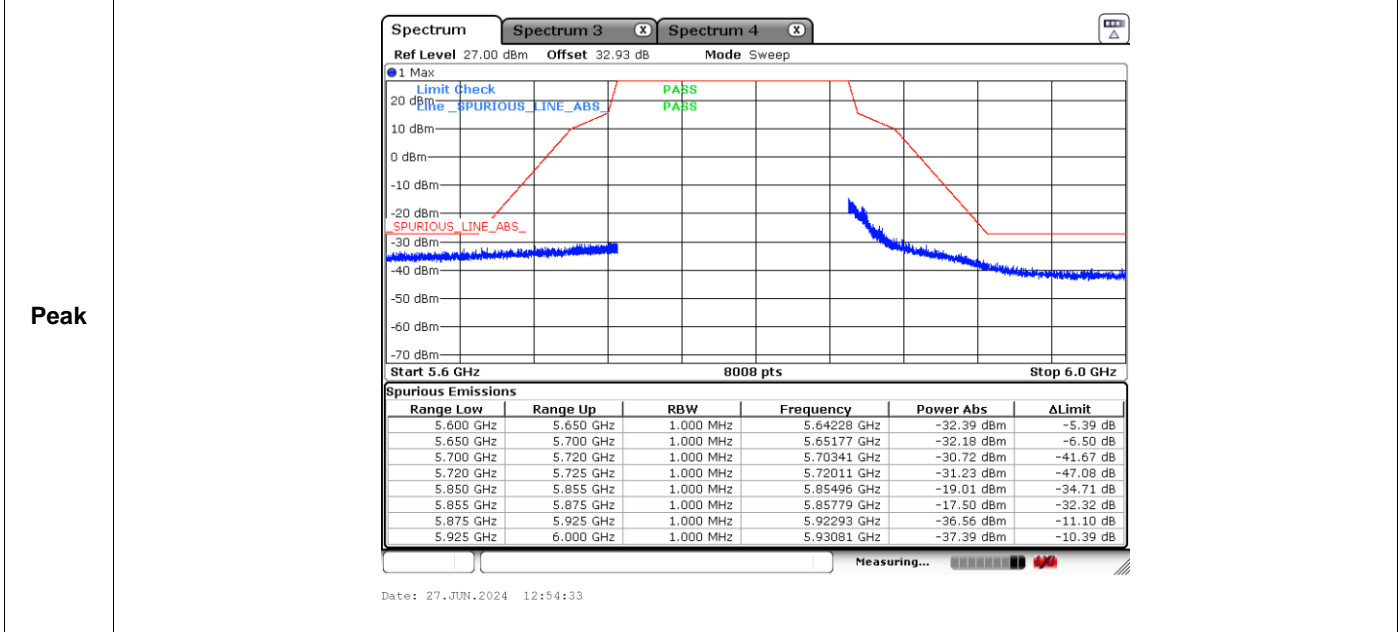


Mode	Band Edge
	802.11a_CH165

ANT	1
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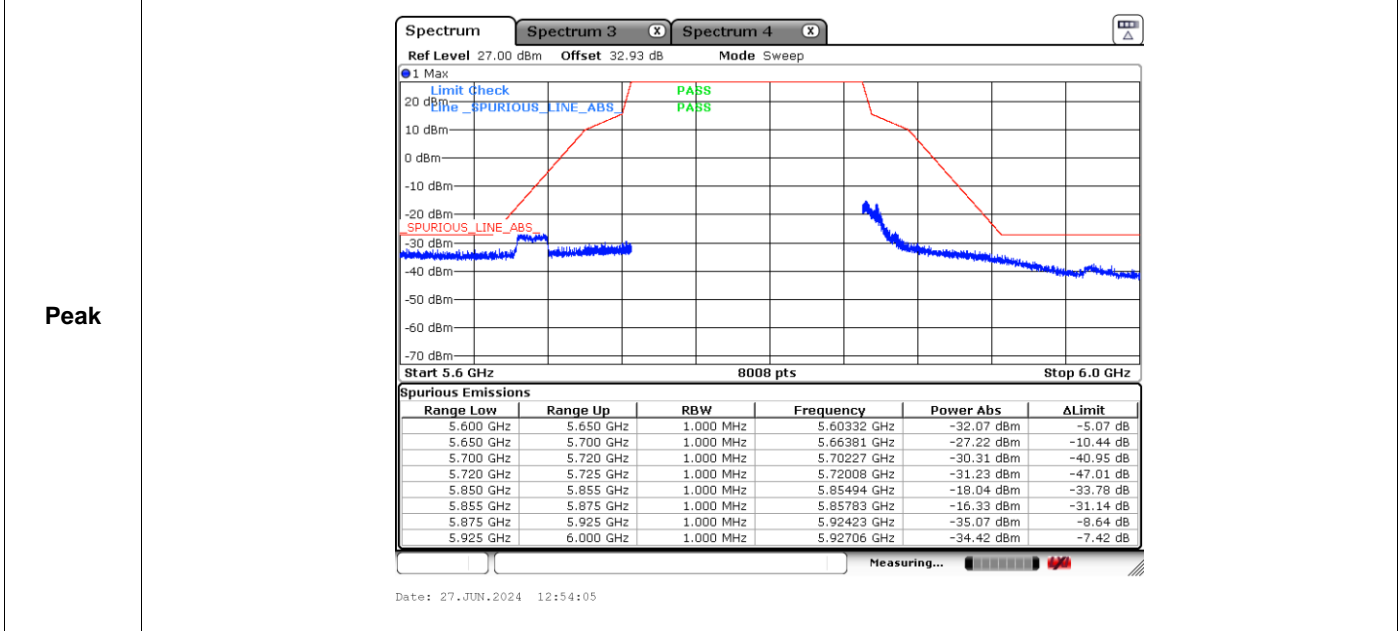


ANT	2
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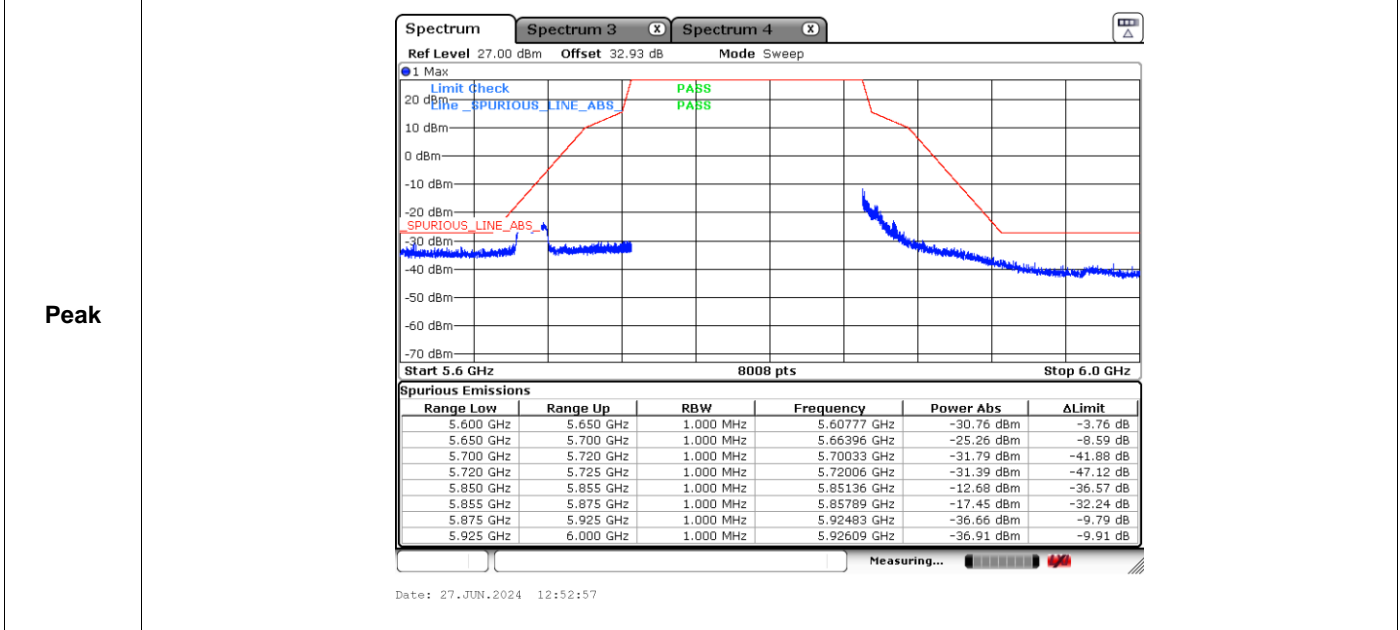




ANT 3



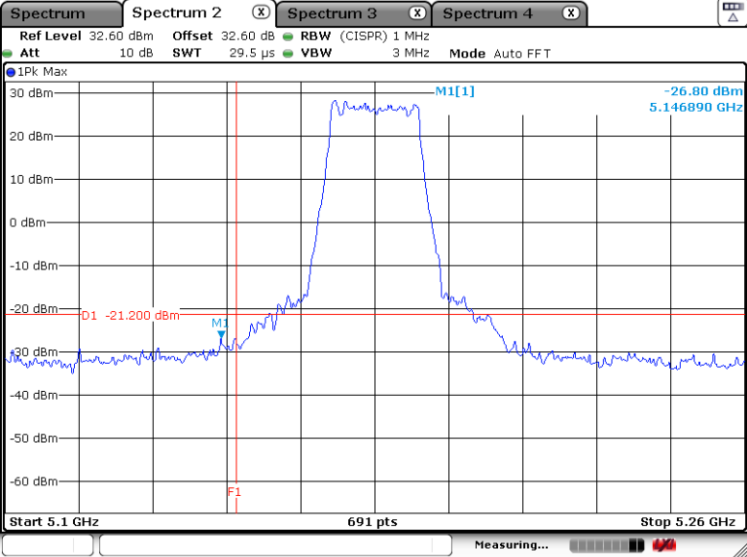
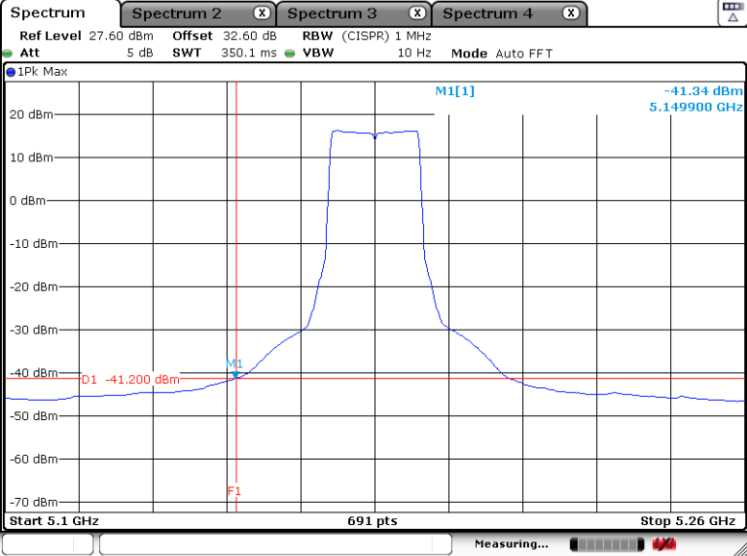
ANT 4





Mode	Band Edge
	802.11 BE20_CH36
ANT	1
Peak	<p>Date: 23.JUN.2024 19:10:22</p>
Avg	<p>Date: 23.JUN.2024 19:10:42</p>



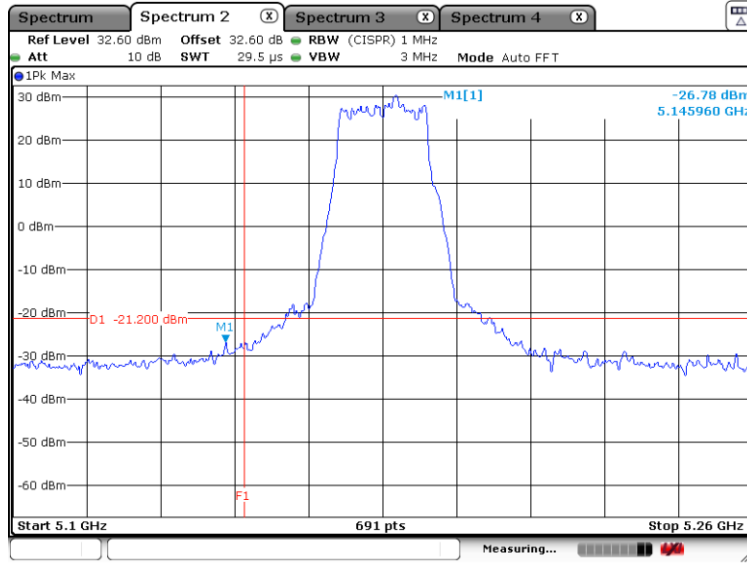
ANT	2
Peak	 <p>The spectrum plot shows a signal centered at 5.146890 GHz. The peak level is -26.80 dBm. The offset is 32.60 dB. The RBW is 1 MHz. The Att is 10 dB. The SWT is 29.5 μs. The VBW is 3 MHz. The mode is Auto FFT. The start frequency is 5.1 GHz and the stop frequency is 5.26 GHz. The plot shows a sharp peak at the center frequency with a noise floor around -30 dBm.</p> <p>Date: 23.JUN.2024 19:09:52</p>
Avg	 <p>The spectrum plot shows a signal centered at 5.149900 GHz. The peak level is -41.34 dBm. The offset is 32.60 dB. The RBW is 1 MHz. The Att is 5 dB. The SWT is 350.1 ms. The VBW is 10 Hz. The mode is Auto FFT. The start frequency is 5.1 GHz and the stop frequency is 5.26 GHz. The plot shows a broader peak at the center frequency with a noise floor around -45 dBm.</p> <p>Date: 23.JUN.2024 19:09:24</p>



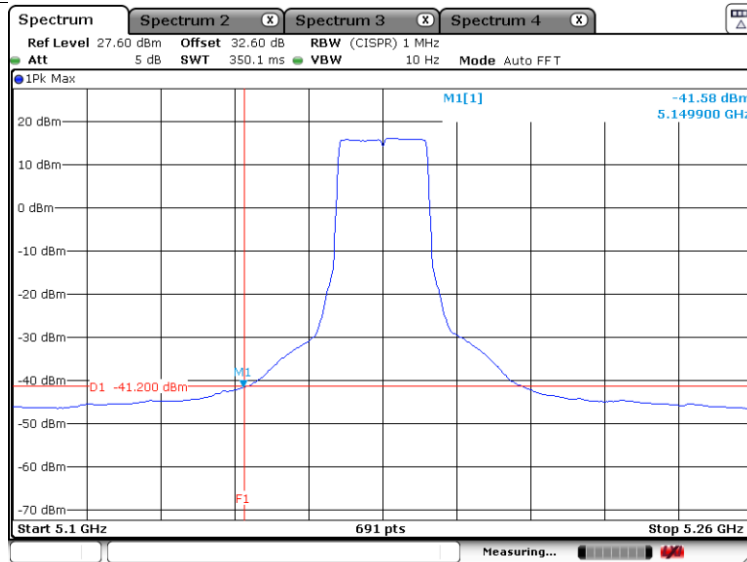
ANT

3

Peak

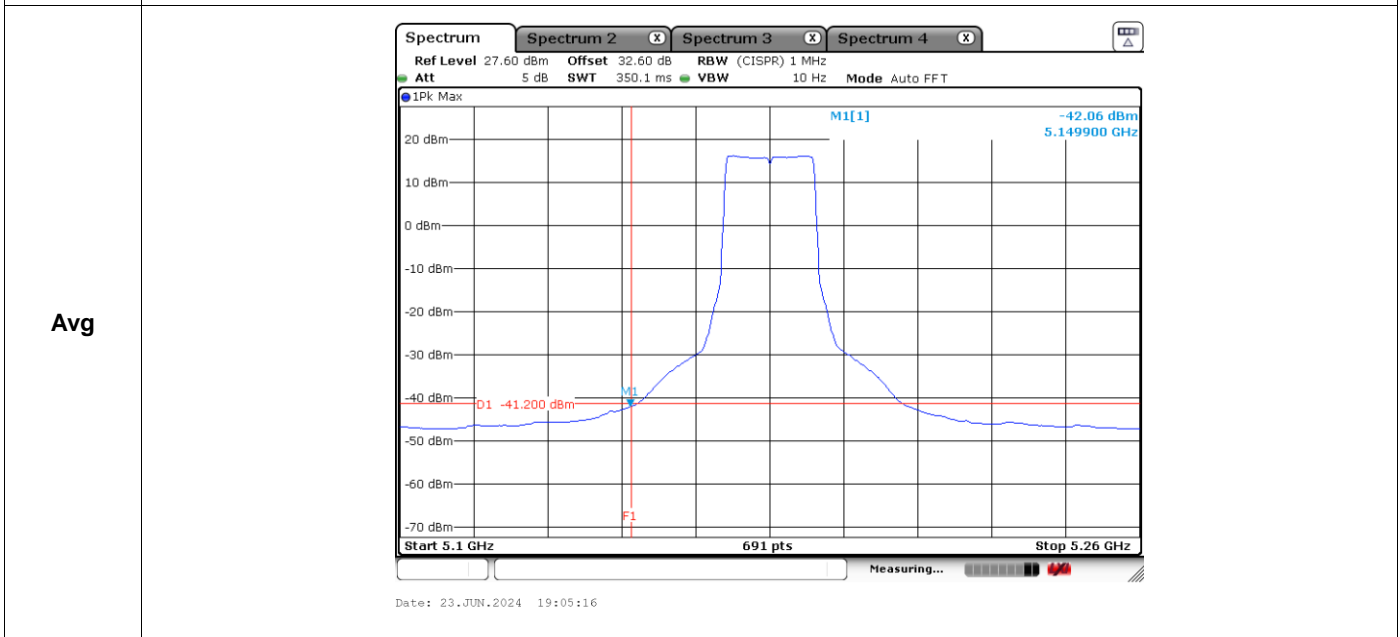
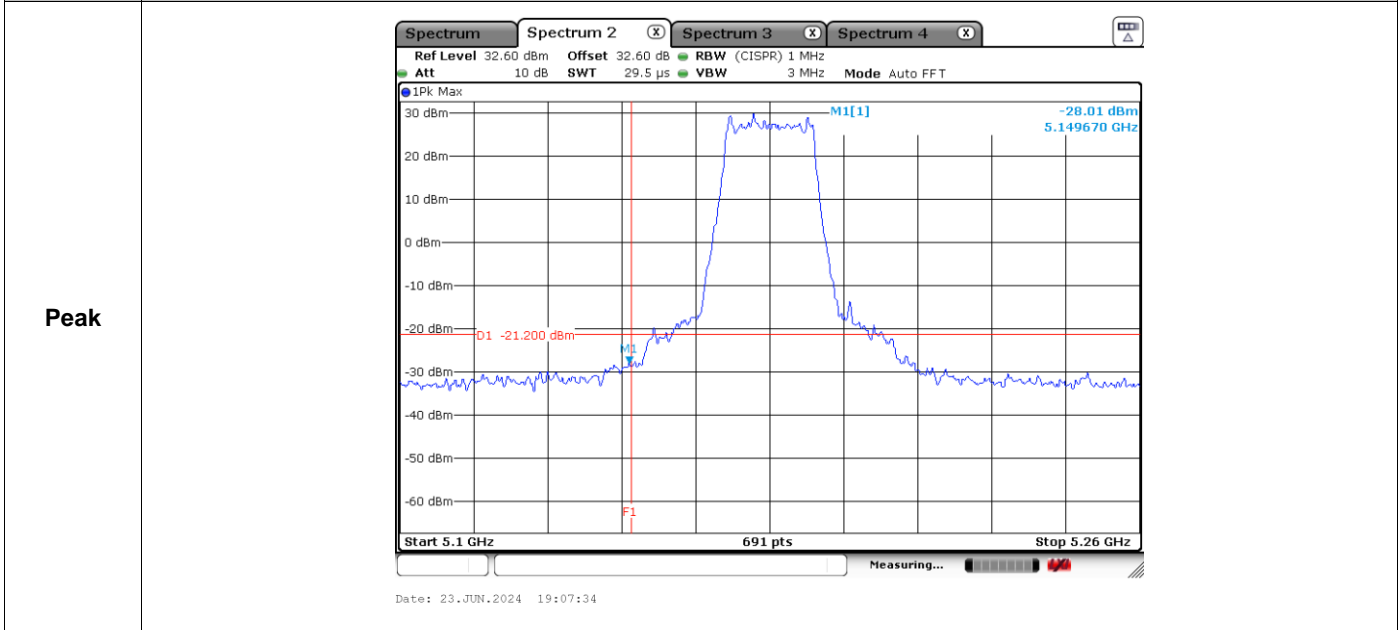


Avg





ANT 4

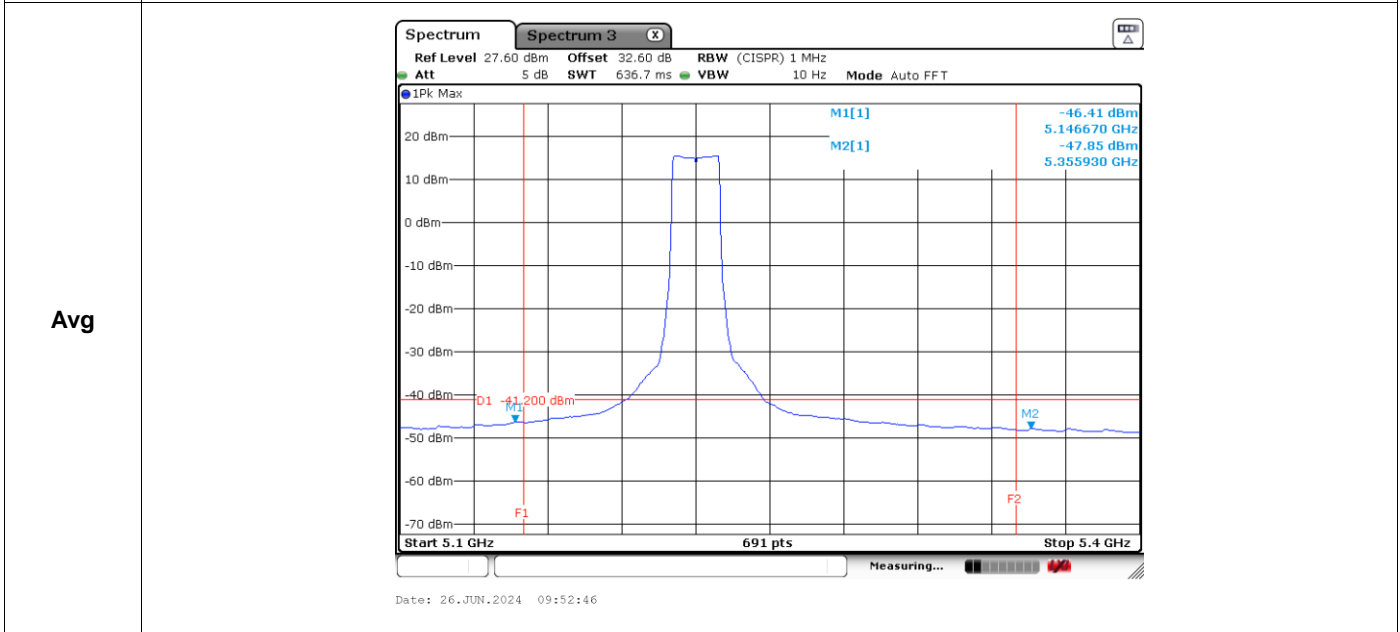
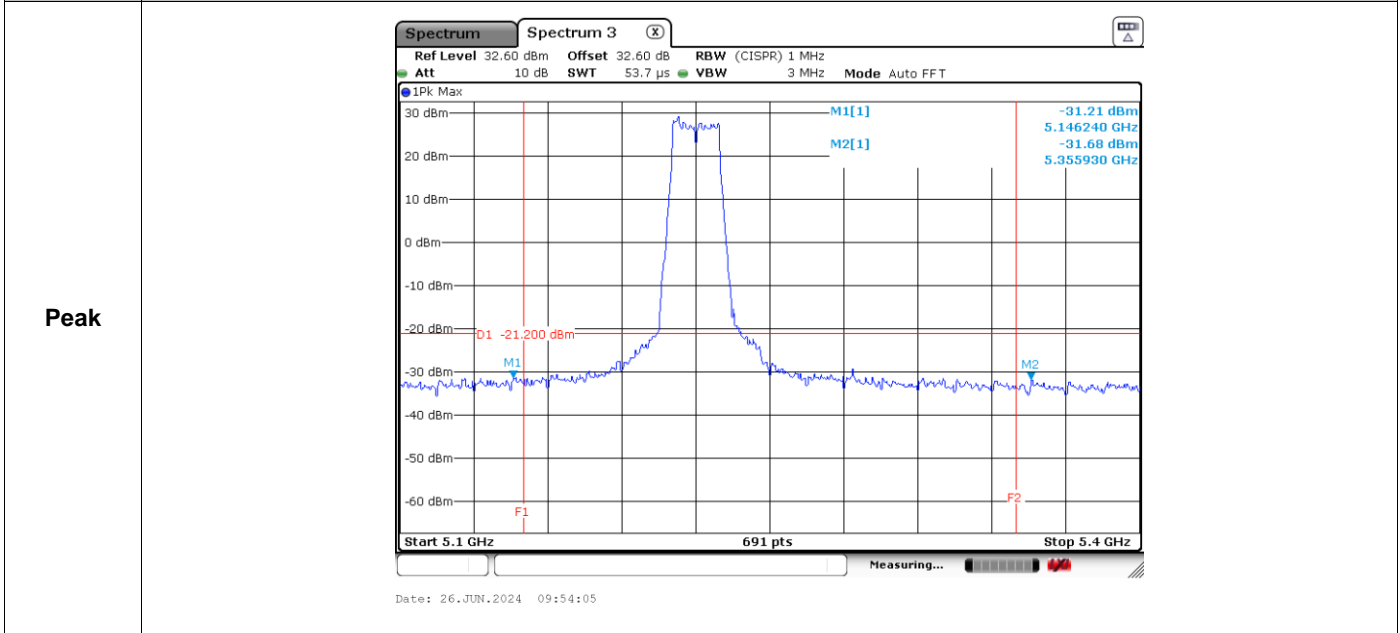




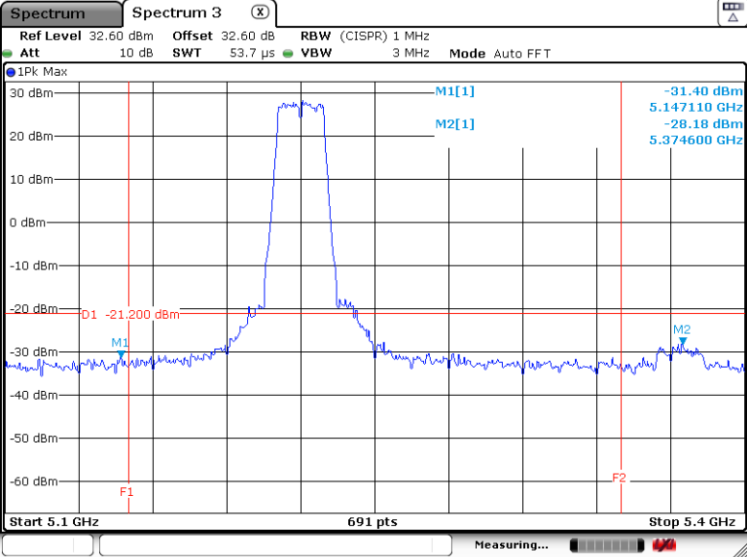
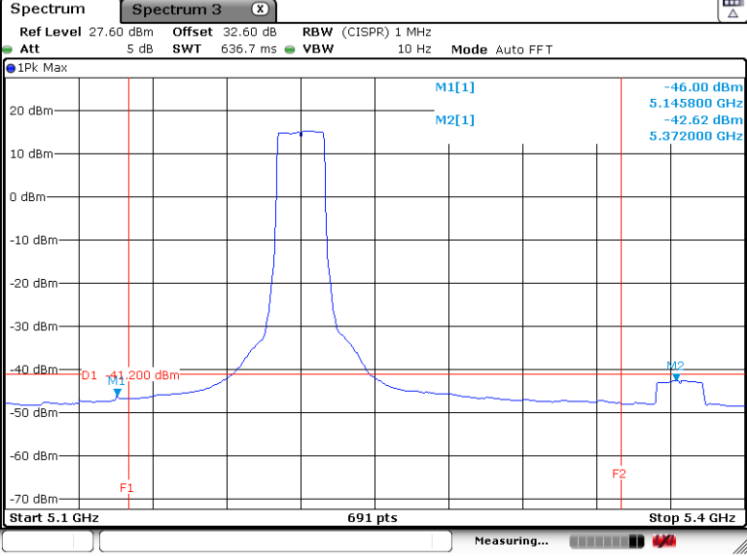
Mode	Band Edge
	802.11 BE20_CH44
ANT	1
Peak	<p>Spectrum 3 (X)</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 53.7 μs VBW 3 MHz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -32.09 dBm 5.144070 GHz M2[1] -31.90 dBm 5.352890 GHz</p> <p>D1 -21.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 09:55:45</p>
Avg	<p>Spectrum 3 (X)</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 5 dB SWT 636.7 ms VBW 10 Hz Mode Auto FFT</p> <p>IPk Max</p> <p>M1[1] -47.30 dBm 5.145800 GHz M2[1] -48.08 dBm 5.355930 GHz</p> <p>D1 -41.200 dBm</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 09:55:17</p>



ANT 2





ANT	3								
Peak	 <p>Spectrum Spectrum 3 (X)</p> <p>Ref Level 32.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 10 dB SWT 53.7 μs VBW 3 MHz Mode Auto FFT</p> <p>1Pk Max</p> <table border="1"><tr><td>M1[1]</td><td>-31.40 dBm</td></tr><tr><td></td><td>5.147110 GHz</td></tr><tr><td>M2[1]</td><td>-28.18 dBm</td></tr><tr><td></td><td>5.374600 GHz</td></tr></table> <p>D1 -21.200 dBm</p> <p>M1 M2</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 09:49:49</p>	M1[1]	-31.40 dBm		5.147110 GHz	M2[1]	-28.18 dBm		5.374600 GHz
M1[1]	-31.40 dBm								
	5.147110 GHz								
M2[1]	-28.18 dBm								
	5.374600 GHz								
Avg	 <p>Spectrum Spectrum 3 (X)</p> <p>Ref Level 27.60 dBm Offset 32.60 dB RBW (CISPR) 1 MHz Att 5 dB SWT 636.7 ms VBW 10 Hz Mode Auto FFT</p> <p>1Pk Max</p> <table border="1"><tr><td>M1[1]</td><td>-46.00 dBm</td></tr><tr><td></td><td>5.145800 GHz</td></tr><tr><td>M2[1]</td><td>-42.62 dBm</td></tr><tr><td></td><td>5.372000 GHz</td></tr></table> <p>D1 -41.200 dBm</p> <p>M1 M2</p> <p>F1 F2</p> <p>Start 5.1 GHz 691 pts Stop 5.4 GHz</p> <p>Date: 26.JUN.2024 09:50:48</p>	M1[1]	-46.00 dBm		5.145800 GHz	M2[1]	-42.62 dBm		5.372000 GHz
M1[1]	-46.00 dBm								
	5.145800 GHz								
M2[1]	-42.62 dBm								
	5.372000 GHz								



ANT 4

