



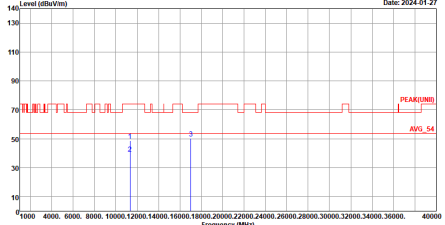
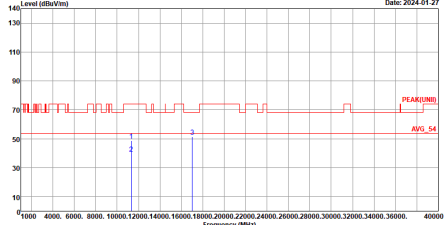
**Band 3 - 5470~5725MHz**  
**WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH102 5510MHz	
0+1	Horizontal	Vertical
<p><b>Peak</b></p> <p><b>Avg.</b></p>	<p>Site : 03CH2-4FY            Condition : PEAQ(UNII) 3m HORN_9120D_02114 HORIZONTAL</p>	<p>Site : 03CH2-4FY            Condition : PEAQ(UNII) 3m HORN_9120D_02114 VERTICAL</p>



<b>WIFI</b>	<b>Band 3 5470~5725MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11ax HE40 Full CH110 5550MHz</b>	
<b>0+1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_02114 HORIZONTAL</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_02114 VERTICAL</p>



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH134 5670MHz	
0+1	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_02114 HORIZONTAL</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_02114 VERTICAL</p>



**Band 3 5470~5725MHz**  
**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH106 5530MHz	
0+1	Horizontal	Vertical
<p><b>Peak</b> <b>Avg.</b></p>	<p>Site : 03CH2-4FY            Condition : PEAK(UNIT) 3m HORN_9120D_02114 HORIZONTAL</p>	<p>Site : 03CH2-4FY            Condition : PEAK(UNIT) 3m HORN_9120D_02114 VERTICAL</p>



<b>WIFI</b>	<b>Band 3 5470~5725MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11ax HE80 Full CH122 5610MHz</b>	
<b>0+1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_02114 HORIZONTAL</p>	<p>Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_02114 VERTICAL</p>

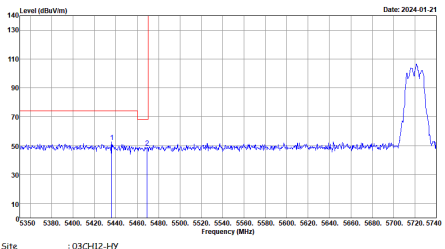
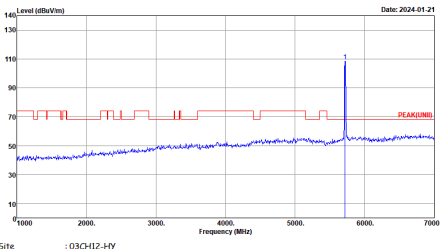
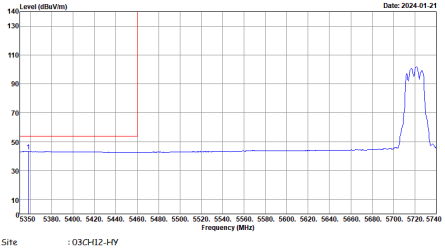
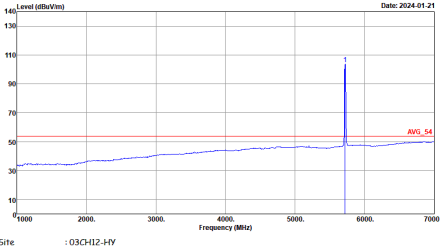


Band 3 5470~5725MHz
WIFI 802.11ax HE160 Full (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Each column contains a graph of Level (dBuV/m) vs Frequency (MHz) with Peak and Avg. markers. Includes site and condition details for both orientations.



**Band 3 - Straddle Channel**  
**WIFI 802.11a (Band Edge @ 3m)**

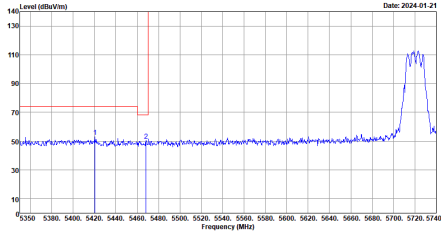
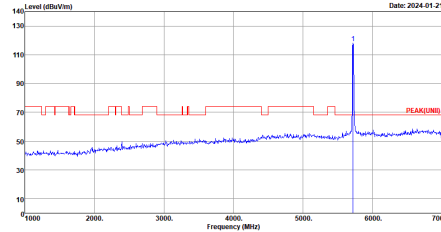
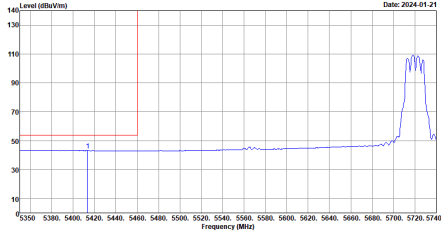
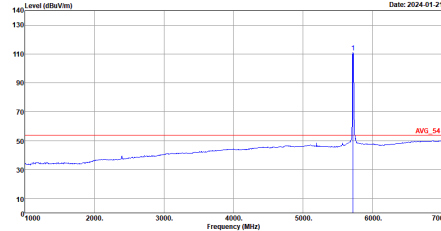
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
0+1	Horizontal	Fundamental
<b>Peak</b>	 <p>Site : 03CH12-HY Condition : STRADDLES U-NIT-1A2A 3m HORN_91200_02114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_02114 HORIZONTAL : BBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
<b>Avg.</b>	 <p>Site : 03CH12-HY Condition : U-NIT-1A2A AVERAGE 3m HORN_91200_02114 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : AV6_54 3m HORN_91200_02114 HORIZONTAL : BBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
0+1	Horizontal	Fundamental
Peak	<p>Site : 03CHZ-FY Condition : STRADDSLES U-NR-142A 3m HORN_91200_02114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank





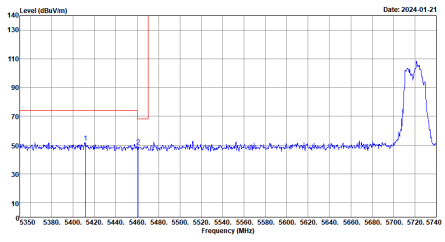
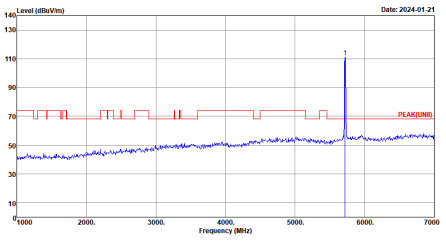
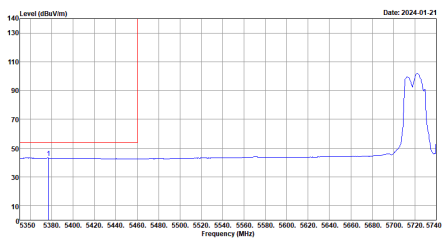
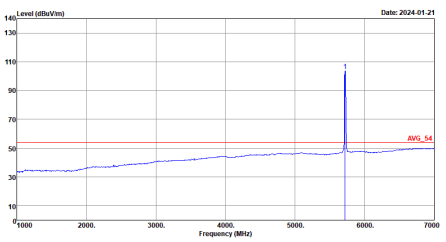
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
0+1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : STRADDLES U-NIT-1A2A 3m HORN_9120D_02114 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_02114 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH12-HY Condition : U-NIT-1A2A AVERAGE 3m HORN_9120D_02114 VERTICAL :RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_02114 VERTICAL :RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
0+1	Vertical	Fundamental
Peak	<p>Site : 03CHZ-FY Condition : STRADDLES U-NET-1A2A 3m HORN_9120D_02114 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



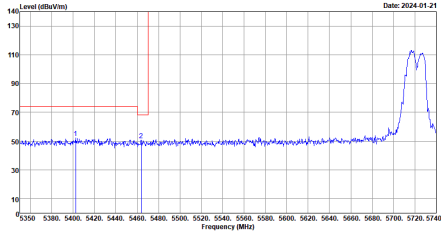
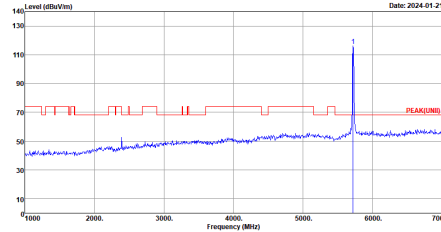
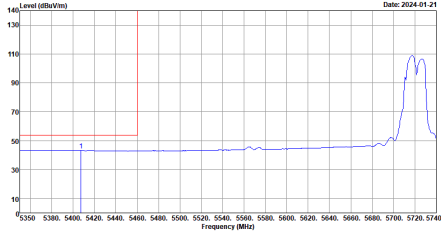
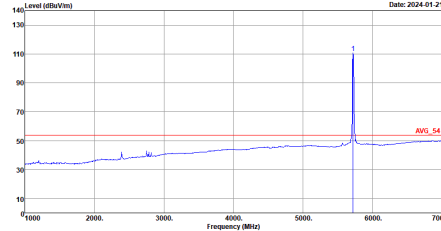
**Band 3 – Straddle Channel**  
**WIFI 802.11ax HE20 Full (Band Edge @ 3m)**

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - L	
0+1	Horizontal	Fundamental
<b>Peak</b>	 <p>Site : 03CH12-HY            Condition : STRADDLES U-NII-1&amp;2A 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH12-HY            Condition : PEAK(U-NII) 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<b>Avg.</b>	 <p>Site : 03CH12-HY            Condition : U-NII-1&amp;2A AVERAGE 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH12-HY            Condition : AVG_54 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - R	
0+1	Horizontal	Fundamental
Peak	<p>Site : 03CHZ-FY Condition : STRADDOLES U-NR-1A2A 3m HORN_91200_02114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



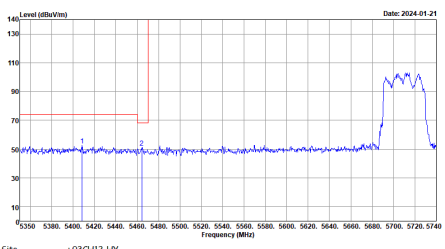
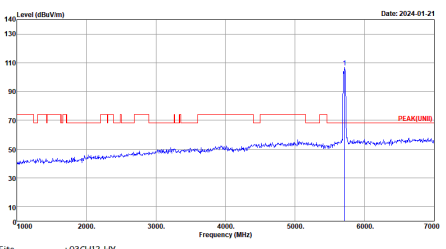
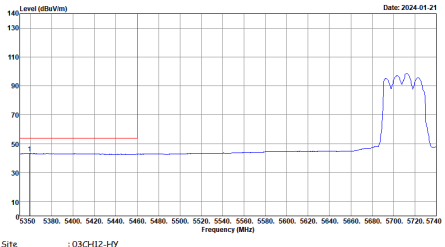
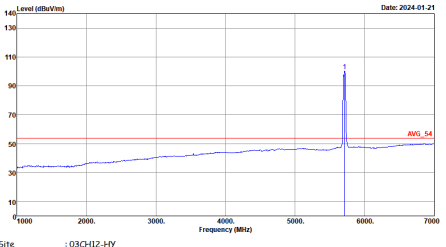
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - L	
0+1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : STRADDLES U-NET-1A2A 3m HORN_9120D_02114 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_02114 VERTICAL :RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH12-HY Condition : U-NET-1A2A AVERAGE 3m HORN_9120D_02114 VERTICAL :RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_02114 VERTICAL :RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - R	
0+1	Vertical	Fundamental
Peak	<p>Site : 03CHZ-FY Condition : STRADDLES U-NET-1A2A 3m HORN_9120D_02114 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



**Band 3 - Straddle Channel**  
**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

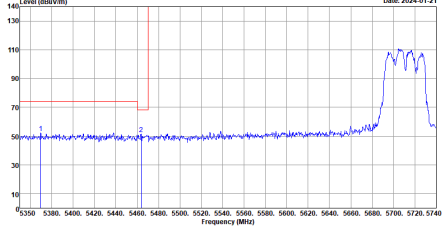
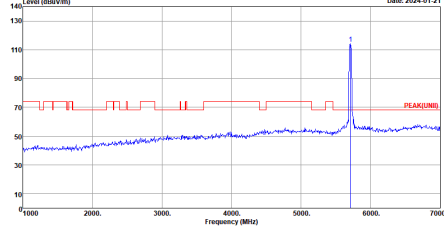
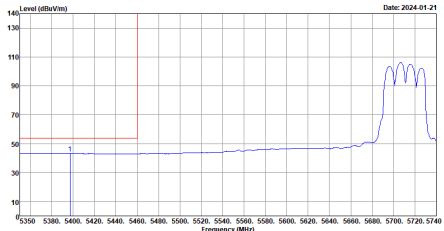
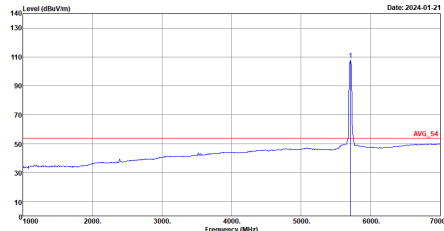
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - L	
0+1	Horizontal	Fundamental
<b>Peak</b>	 <p>Site : 03CH12-HY            Condition : STRADDLES U-NII-1&amp;2A 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY            Condition : PEAK(U-NII) 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
<b>Avg.</b>	 <p>Site : 03CH12-HY            Condition : U-NII-1&amp;2A AVERAGE 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Site : 03CH12-HY            Condition : AVG_54 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - R	
0+1	Horizontal	Fundamental
Peak	<p>Site : 03CHZ-FY Condition : STRADDLES U-NB-142A 3m HORN_9120D_02114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank





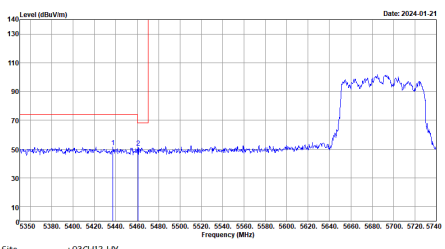
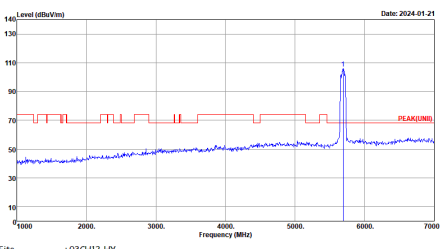
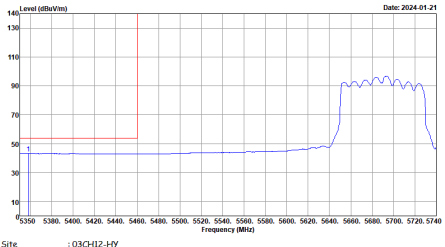
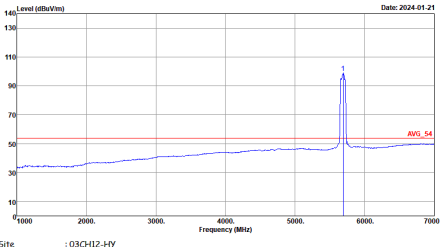
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - L	
0+1	Vertical	Fundamental
Peak	 <p>Level (dBm/100kHz) vs Frequency (MHz) plot for Peak Vertical. The plot shows a signal level around 70 dBm/100kHz with a significant peak at approximately 5710 MHz reaching about 130 dBm/100kHz. The x-axis ranges from 5350 to 5740 MHz, and the y-axis ranges from 10 to 140 dBm/100kHz.</p> <p>Site : 03CH12-HY            Condition : STRADDLES U-NIT-1A2A 3m HORN_9120D_02114 VERTICAL            : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Level (dBm/100kHz) vs Frequency (MHz) plot for Peak Fundamental. The plot shows a signal level around 70 dBm/100kHz with a sharp peak at approximately 5710 MHz reaching about 130 dBm/100kHz. The x-axis ranges from 1000 to 7000 MHz, and the y-axis ranges from 10 to 140 dBm/100kHz.</p> <p>Site : 03CH12-HY            Condition : PEAK(UNIT) 3m HORN_9120D_02114 VERTICAL            : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Level (dBm/100kHz) vs Frequency (MHz) plot for Avg Vertical. The plot shows a signal level around 50 dBm/100kHz with a peak at approximately 5710 MHz reaching about 110 dBm/100kHz. The x-axis ranges from 5350 to 5740 MHz, and the y-axis ranges from 10 to 140 dBm/100kHz.</p> <p>Site : 03CH12-HY            Condition : U-NIT-1A2A AVERAGE 3m HORN_9120D_02114 VERTICAL            : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Level (dBm/100kHz) vs Frequency (MHz) plot for Avg Fundamental. The plot shows a signal level around 50 dBm/100kHz with a peak at approximately 5710 MHz reaching about 110 dBm/100kHz. The x-axis ranges from 1000 to 7000 MHz, and the y-axis ranges from 10 to 140 dBm/100kHz.</p> <p>Site : 03CH12-HY            Condition : AVG_54 3m HORN_9120D_02114 VERTICAL            : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - R	
0+1	Vertical	Fundamental
Peak	<p>Site : 03CHZ-FY Condition : STRADDLES U-NB-142A 3m HORN_91200_02114 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



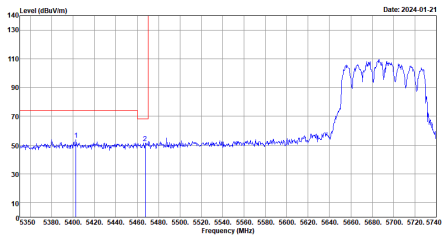
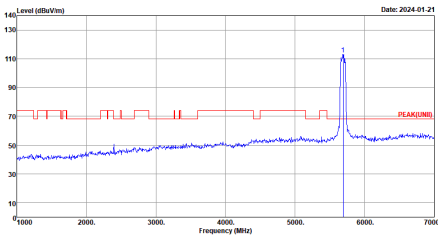
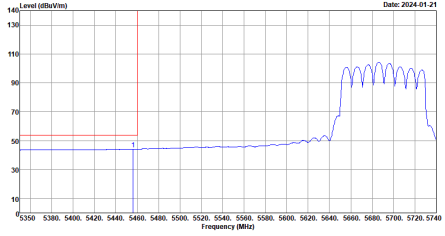
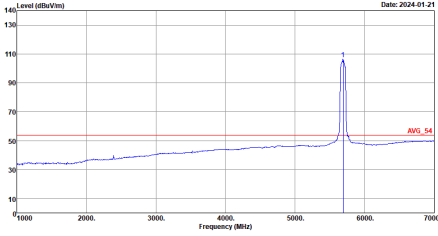
**Band 3 – Straddle Channel**  
**WIFI 802.11ax HE80 Full (Band Edge @ 3m)**

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz - L	
0+1	Horizontal	Fundamental
<b>Peak</b>	 <p>Site : 03CH12-HY            Condition : STRADDLES U-NIE-1A2A 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH12-HY            Condition : PEAK(UNII) 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<b>Avg.</b>	 <p>Site : 03CH12-HY            Condition : U-NIE-1A2A AVERAGE 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH12-HY            Condition : AVG_54 3m HORN_9120D_02114 HORIZONTAL            : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz - R	
0+1	Horizontal	Fundamental
Peak	<p>Site : 03CHZ-FHY Condition : STRADDOLES U-NET-1A2A 3m HORN_9120D_02114 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz - L	
0+1	Vertical	Fundamental
Peak	 <p>Site : 03CH12-HY Condition : STRADDLES U-NET-1A2A 3m HORN_9120D_02114 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : PEAK(NEE) 3m HORN_9120D_02114 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH12-HY Condition : U-NET-1A2A AVERAGE 3m HORN_9120D_02114 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Site : 03CH12-HY Condition : AVG_54 3m HORN_9120D_02114 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz - R	
0+1	Vertical	Fundamental
Peak	<p>Site : 03CHZ-FY Condition : STRADDLES U-NET-1A2A 3m HORN_91200_02114 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



Band 3 – Straddle Channel  
WIFI 802.11a (Harmonic @ 3m)

<b>WIFI</b>	<b>Band 3 Straddle Channel Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11a CH144 5720MHz</b>	
<b>0+1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak Avg.</b>	<p>Site : 03CH2-4FY Condition : PEAK(UNII) 3m HORN_9120D_02114 HORIZONTAL</p>	<p>Site : 03CH2-4FY Condition : PEAK(UNII) 3m HORN_9120D_02114 VERTICAL</p>



Band 3 – Straddle Channel
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Rows include WIFI (Band 3 Straddle Channel Harmonic @ 3m), ANT (802.11ax HE20 Full CH144 5720MHz), and 0+1 (Peak and Avg. levels). Each cell contains a spectral plot of Level (dBuV/m) vs Frequency (MHz) with peak and average markers.





**Band 3 - Straddle Channel**  
**WIFI 802.11ax HE40 Full (Harmonic @ 3m)**

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz	
0+1	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH2-4FY            Condition : PEAK(UNII) 3m HORN_9120D_02114 HORIZONTAL</p>	<p>Site : 03CH2-4FY            Condition : PEAK(UNII) 3m HORN_9120D_02114 VERTICAL</p>



**Band 3 – Straddle Channel**  
**WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE80 Full CH138 5690MHz	
0+1	Horizontal	Vertical
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH2-4FY Condition : PEAQ(UNII) 3m HORN_9120D_02114 HORIZONTAL</p>	<p>Site : 03CH2-4FY Condition : PEAQ(UNII) 3m HORN_9120D_02114 VERTICAL</p>



Emission below 1GHz  
5GHz WIFI 802.11ax HE80 (LF)

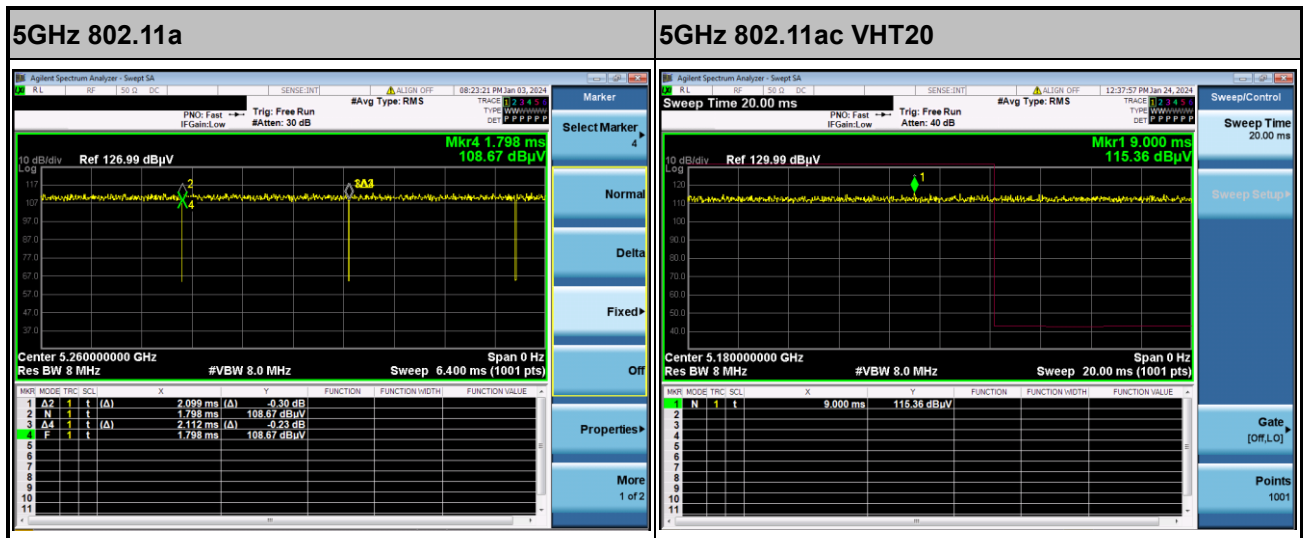
WIFI	5GHz WIFI	
ANT	802.11ax HE80 LF	
0+1	Horizontal	Vertical
QP / Peak	<p>Site : 03CH12-HY Condition : QP 3m 81L06_37059_231103_H HORIZONTAL</p>	<p>Site : 03CH12-HY Condition : QP 3m 81L06_37059_231103_H VERTICAL</p>



### Appendix E. Duty Cycle Plots

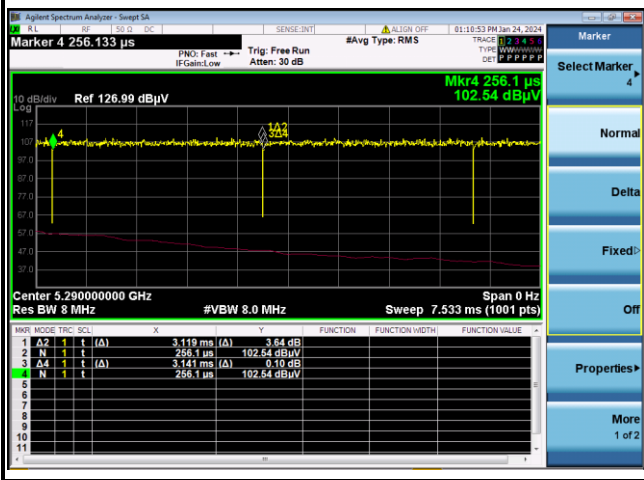
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
0+1	802.11a	99.38	-	-	10Hz
0+1	5GHz 802.11ac VHT20	100.00	-	-	10Hz
0+1	5GHz 802.11ac VHT80	99.33	-	-	10Hz
0+1	5GHz 802.11ac VHT160	99.10	-	-	10Hz
0+1	5GHz 802.11ax HE20 Full RU	99.46	-	-	10Hz
0+1	5GHz 802.11ax HE20 106 RU	100.00	-	-	10Hz
0+1	5GHz 802.11ax HE40 Full RU	98.75	-	-	10Hz
0+1	5GHz 802.11ax HE40 242 RU	98.19	-	-	10Hz
0+1	5GHz 802.11ax HE80 Full RU	98.45	-	-	10Hz
0+1	5GHz 802.11ax HE80 484 RU	98.52	-	-	10Hz
0+1	5GHz 802.11ax HE160 Full RU	98.52	-	-	10Hz
0+1	5GHz 802.11ax HE160 996 RU	98.69	-	-	10Hz

MIMO <Ant. 0+1>

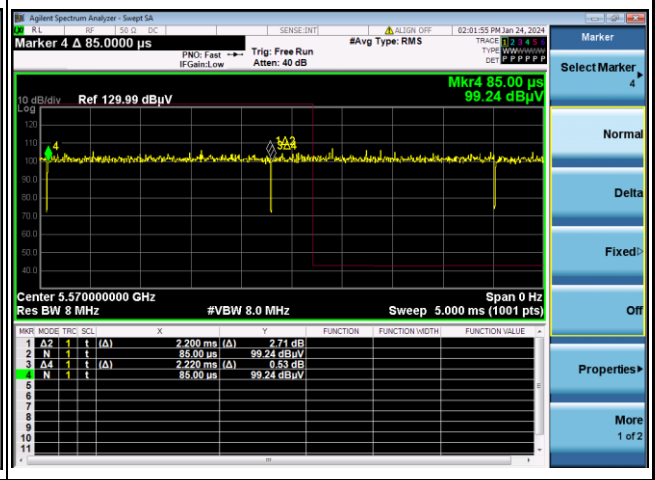




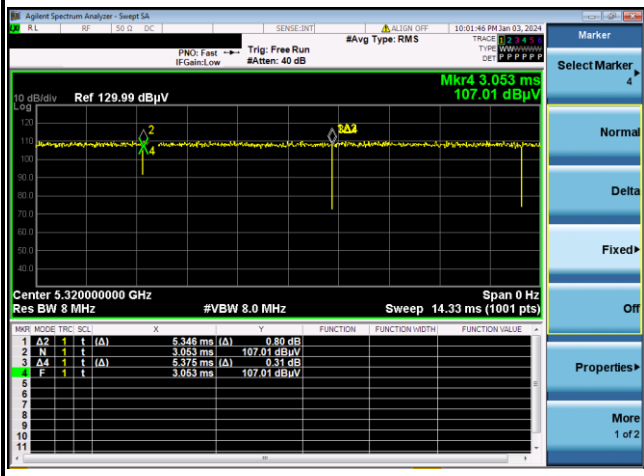
5GHz 802.11ac VHT80



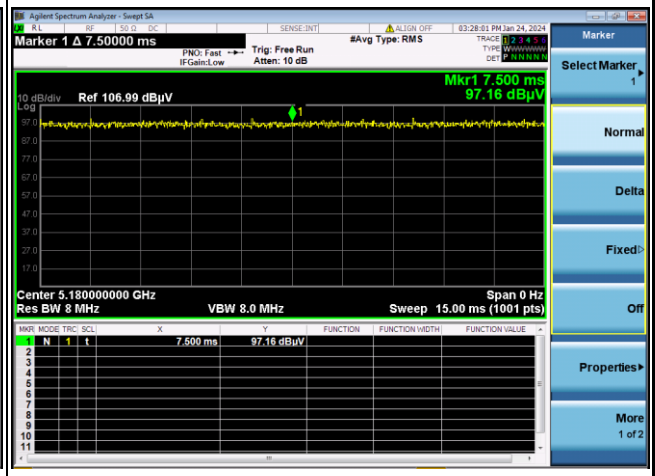
5GHz 802.11ac VHT160



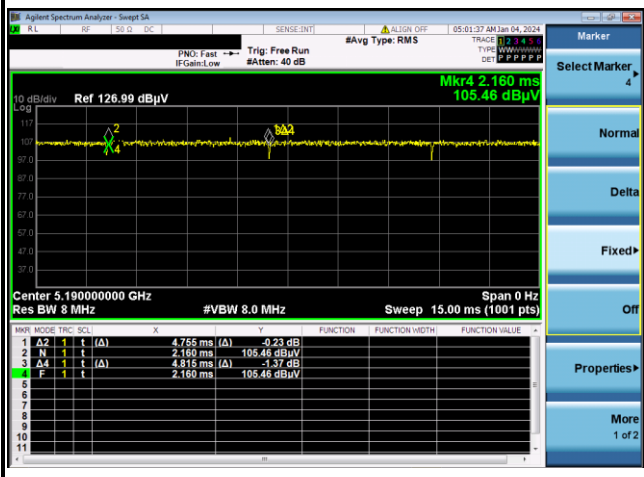
5GHz 802.11ax HE20 Full RU



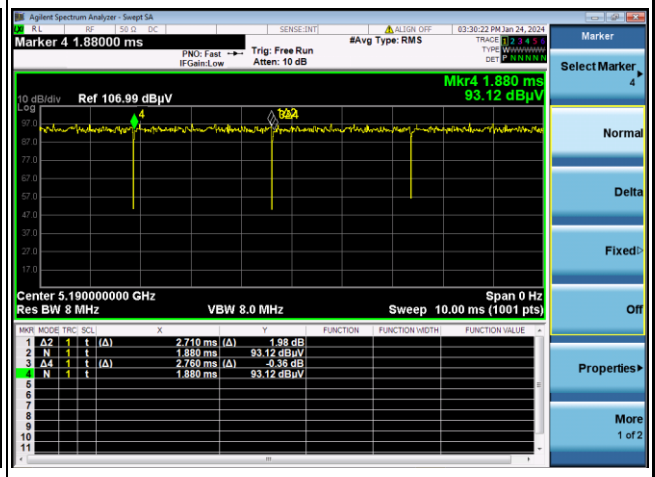
5GHz 802.11ax HE20 106 RU



5GHz 802.11ax HE40 Full RU

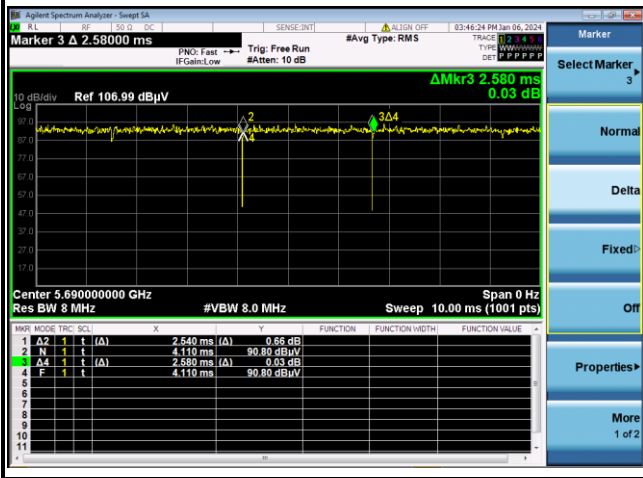


5GHz 802.11ax HE40 242 RU

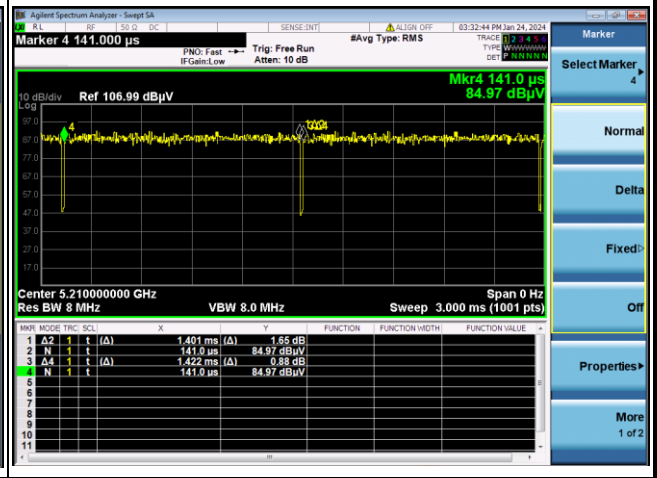




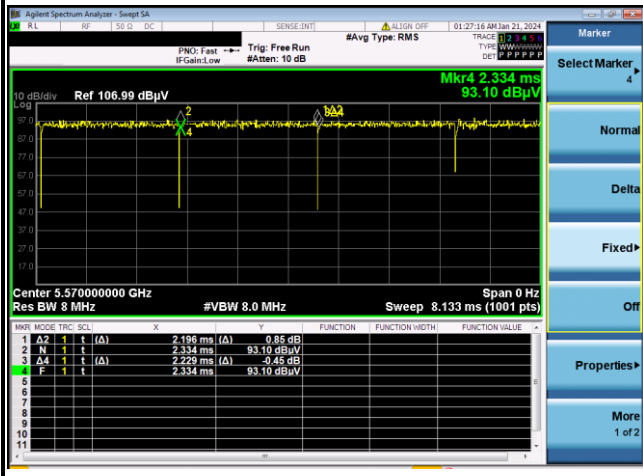
5GHz 802.11ax HE80 Full RU



5GHz 802.11ax HE80 484 RU



5GHz 802.11ax HE160 Full RU



5GHz 802.11ax HE160 996 RU

