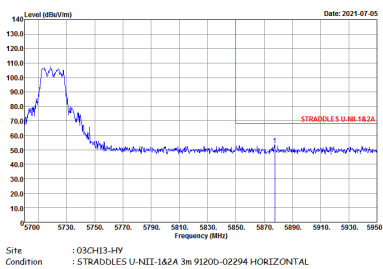




Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HY Condition : STRADDLES U-NII-1&2A 3m 9120D-02294 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(U) 3m 9120D-02294 HORIZONTAL</p>
Avg.	<p>Site : 03CH13-HY Condition : U-NII-1&2A AVERAGE 3m 9120D-02294 HORIZONTAL</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : STRADDLES U-NII-1&2A 3m 9120D-02294 HORIZONTAL</p>	Left blank



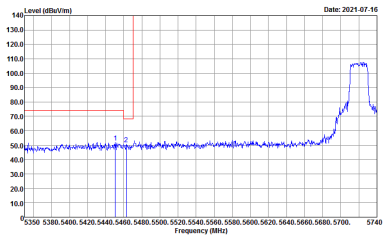
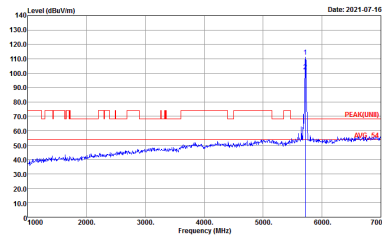
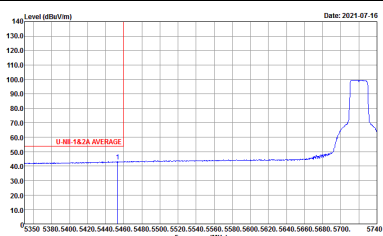
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
7+3	Vertical	Fundamental
Peak	<p>Date: 2021-07-05</p> <p>Site : 03CH13-HY Condition : STRADDLES U-NII-142A 3m 9120D-02294 VERTICAL</p>	<p>Date: 2021-07-05</p> <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 VERTICAL</p>
Avg.	<p>Date: 2021-07-05</p> <p>Site : 03CH13-HY Condition : U-NII-142A AVERAGE 3m 9120D-02294 VERTICAL</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
7+3	Vertical	Fundamental
Peak	<p>Site : 03CH13-HY Condition : STRADDLES U-NIT-1A2A 3m 9120D-02294 VERTICAL</p>	Left blank



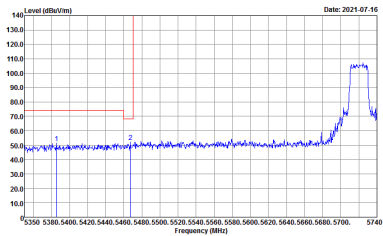
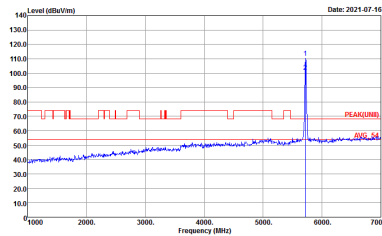
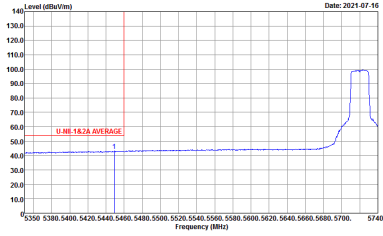
Band 3 – Straddle Channel
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - L	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : STRADDLES U-NII-1A2A 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : U-NII-1A2A AVERAGE 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - R	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HV Condition : STRADOLE'S U-NIT 142A 3m 91200-02294 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	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : STRADDOLES U-NIT-1A2A 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : U-NIT-1A2A AVERAGE 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - R	
7+3	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : U-NII-182A AVERAGE 3m 9120D-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



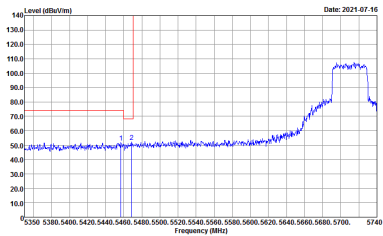
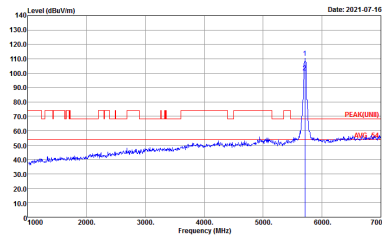
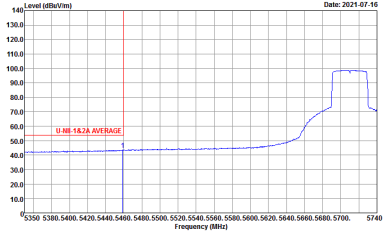
Band 3 - Straddle Channel
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - L	
7+3	Horizontal	Fundamental
<p align="center">Peak</p>	<p>Date: 2021-07-16</p> <p>Site : 03CH13-HY Condition : STRADDLES U-NII-1A2A 3m 9120D-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Date: 2021-07-16</p> <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 9120D-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	<p>Date: 2021-07-16</p> <p>Site : 03CH13-HY Condition : U-NII-1A2A AVERAGE 3m 9120D-02294 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	<p align="center">Left blank</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - R	
7+3	Horizontal	Fundamental
Peak	<p>Site : 03CH13-HV Condition : STRADDOLES U-NIT-142A 3m 91200-02294 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	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : STRADDOLES U-NIT-1A2A 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : U-NIT-1A2A AVERAGE 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto</p>	Left blank



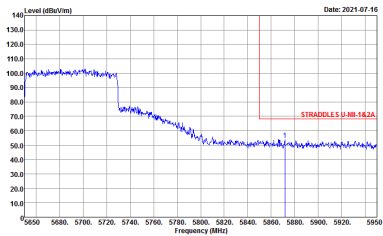
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - R	
7+3	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : STRADOLE'S U-NIT 142A 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



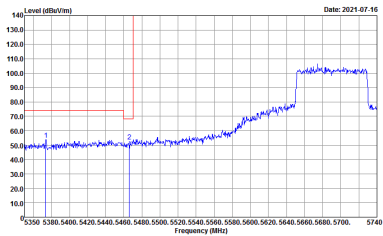
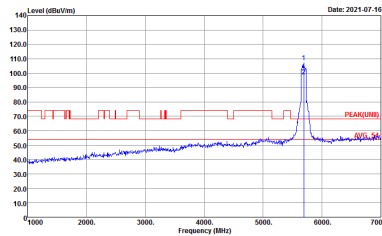
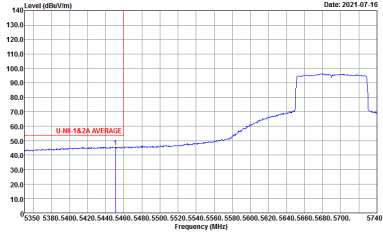
Band 3 – Straddle Channel
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - L	
7+3	Horizontal	Fundamental
<p align="center">Peak</p>	<p>Date: 2021-07-16</p> <p>Site : 03CH13-HY Condition : STRADDLES U-NII-1A2A 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Date: 2021-07-16</p> <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
<p align="center">Avg.</p>	<p>Date: 2021-07-16</p> <p>Site : 03CH13-HY Condition : U-NII-1A2A AVERAGE 3m 91200-02294 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto</p>	<p align="center">Left blank</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - R	
7+3	Horizontal	Fundamental
Peak	 <p>Site : 03CH13-HV Condition : STRADDOLES U-NIT-142A 3m 91200-02294 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - L	
7+3	Vertical	Fundamental
Peak	 <p>Site : 03CH13-HY Condition : STRADDLES U-NIT-1A2A 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH13-HY Condition : PEAK(LINE) 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH13-HY Condition : U-NIT-1A2A AVERAGE 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - R	
7+3	Vertical	Fundamental
Peak	<p>Site : 03CH13-HV Condition : STRADDOLES U-NB 142A 3m 91200-02294 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



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

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
7+3	Horizontal	Vertical
Peak		
Avg.		



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

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz	
7+3	Horizontal	Vertical
Peak		
Avg.		



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	
7+3	Horizontal	Vertical
Peak	<p>Site : 03CH12-44Y Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL</p>	<p>Site : 03CH12-44Y Condition : PEAK(UNII) 3m 91200-02294 VERTICAL</p>
Avg.	<p>Site : 03CH12-44Y Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL</p>	<p>Site : 03CH12-44Y Condition : PEAK(UNII) 3m 91200-02294 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	
7+3	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH13-4# Condition : PEAK(UNII) 3m 91200-02294 HORIZONTAL</p>	<p>Site : 03CH13-4# Condition : PEAK(UNII) 3m 91200-02294 VERTICAL</p>



Emission above 18GHz
5GHz WIFI 802.11ax HE80 Full (SHF)

WIFI	5GHz WIFI	
ANT	802.11ax HE80 Full SHF	
7+3	Horizontal	Vertical
Peak	<p>Site : 03CH13-HY Condition : PEAK(UNII) 1m SHF_00991_210512 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : PEAK(UNII) 1m SHF_00991_210512 VERTICAL</p>



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

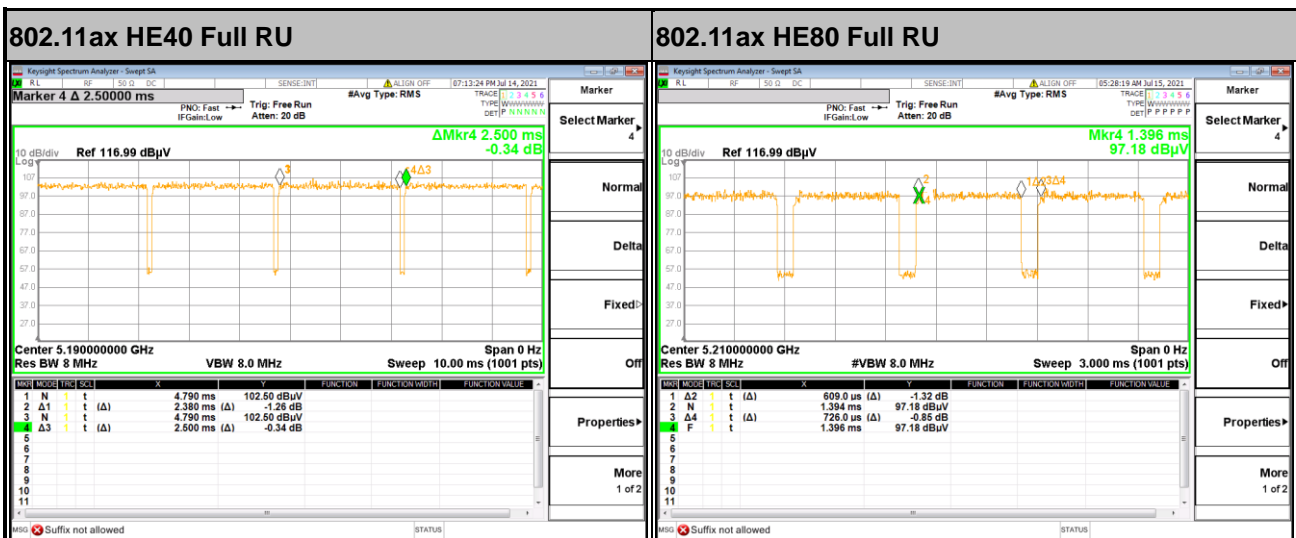
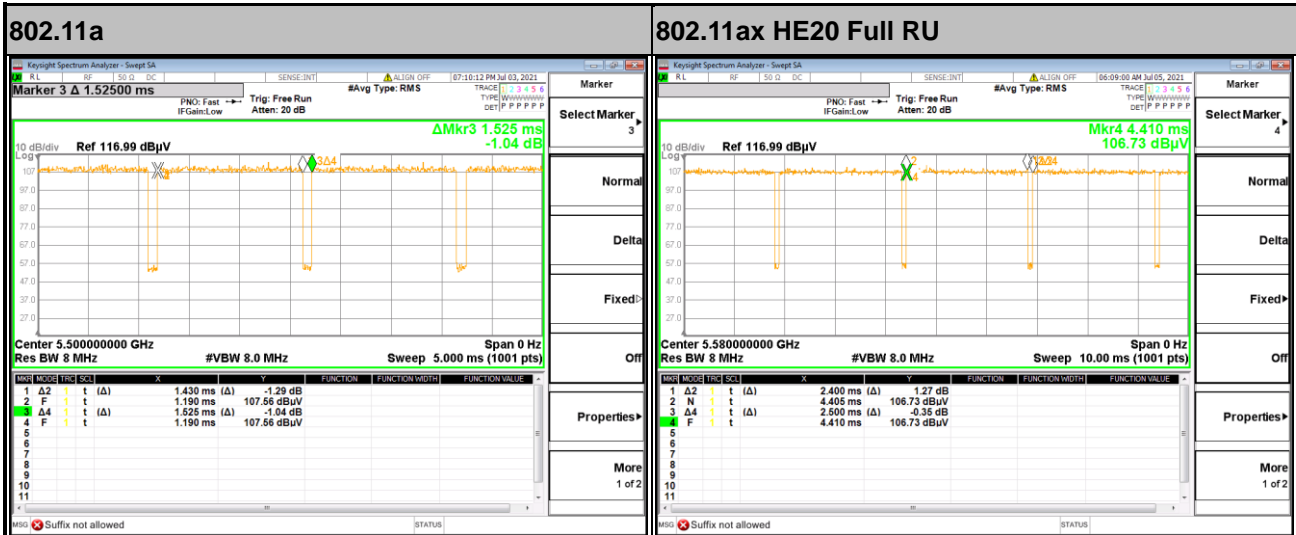
WIFI	5GHz WIFI	
ANT	802.11ax HE80 Full LF	
7+3	Horizontal	Vertical
QP / Peak	<p>Site : 03CH13-HY Condition : QP 3m BIL06_40103 HORIZONTAL</p>	<p>Site : 03CH13-HY Condition : QP 3m BIL06_40103 VERTICAL</p>

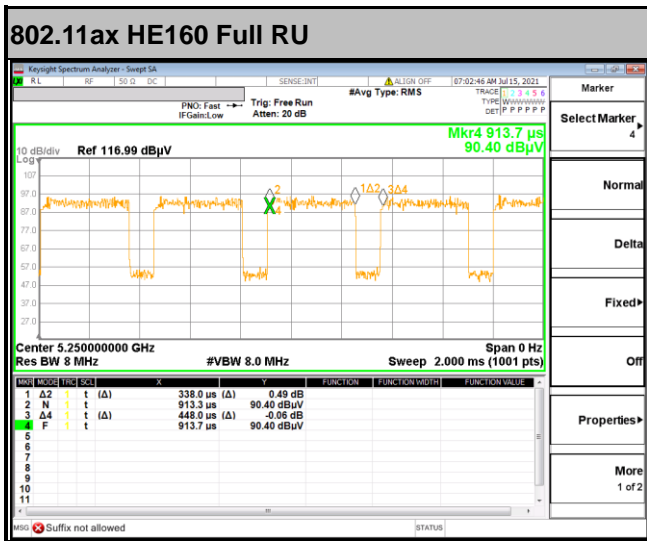


Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
7+3	802.11a	93.77	1430	0.70	1kHz
7+3	5GHz 802.11ax HE20 Full RU	96.00	2400	0.42	1kHz
7+3	5GHz 802.11ax HE40 Full RU	95.20	2380	0.42	1kHz
7+3	5GHz 802.11ax HE80 Full RU	83.88	609	1.64	3kHz
7+3	5GHz 802.11ax HE160 Full RU	75.45	338	2.96	3kHz

MIMO <Ant. 7+3>





—THE END—