



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
0+1	Horizontal	Fundamental
Peak	<p>Site : 03CH16-HV Condition : STRADDLES U-NII-142A 3m 9120_1212 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector : Peak Project : 040941-01</p>	Left blank



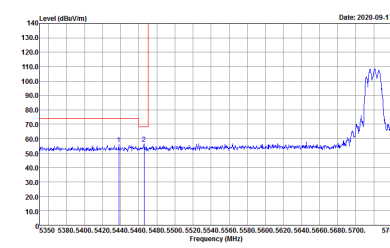
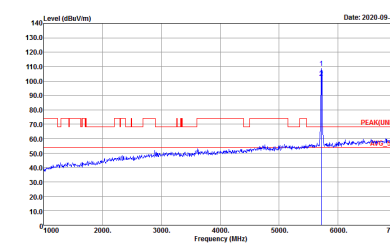
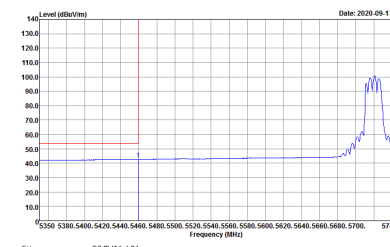
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
0+1	Vertical	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH16-HY            Condition : STRADDLES U-NII-142A 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>	<p>Site : 03CH16-HY            Condition : PEAK(UNII) 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>
<p><b>Avg.</b></p>	<p>Site : 03CH16-HY            Condition : U-NII-142A AVERAGE 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>	<p><b>Left blank</b></p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
0+1	Vertical	Fundamental
Peak	<p>Site : 03CH16-HV Condition : STRADDLES U-NII-142A 3m 9120D_1212 VERTICAL Detector : Peak Project : 040941-01</p>	Left blank



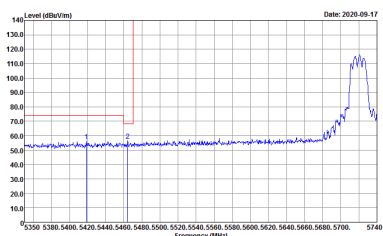
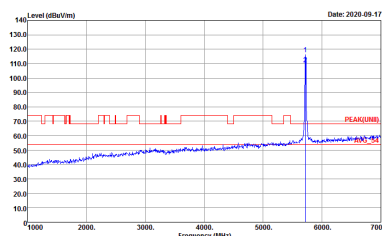
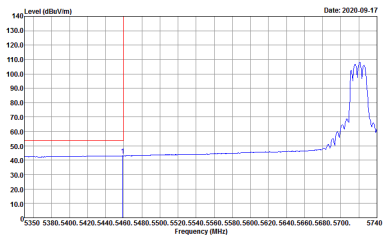
**Band 3 – Straddle Channel  
WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
0+1	Horizontal	Fundamental
<p align="center"><b>Peak</b></p>	 <p>Site : 03CH16-HY Condition : STRADDOLES U-NET-1A2A 3m 91200_1212 HORIZONTAL Detector : Peak Project : 040941-01</p>	 <p>Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1212 HORIZONTAL Detector : Peak Project : 040941-01</p>
<p align="center"><b>Avg.</b></p>	 <p>Site : 03CH16-HY Condition : U-NET-1A2A AVERAGE 3m 91200_1212 HORIZONTAL Detector : Peak Project : 040941-01</p>	<p align="center"><b>Left blank</b></p>



<b>WIFI</b>	<b>Band 3 Straddle Channel Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11n CH144 5720MHz - R</b>	
<b>0+1</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Site : 03CH16-HV          Condition : STRADDLES U-NII-142A 3m 9120D_1212 HORIZONTAL          RBW:1000.000KHz VBW:3000.000KHz SWF:Auto          Detector : Peak          Project : 040941-01</p>	<b>Left blank</b>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - L	
0+1	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH16-HY            Condition : STRADDLES U-NII-142A 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>	 <p>Site : 03CH16-HY            Condition : PEAK(UNII) 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH16-HY            Condition : U-NII-142A AVERAGE 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>	<p><b>Left blank</b></p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH144 5720MHz - R	
0+1	Vertical	Fundamental
Peak	<p>Site : 03CH16-HV Condition : STRADDLES U-NII-142A 3m 91200_1212 VERTICAL Detector : Peak Project : 040941-01</p>	Left blank



**Band 3 – Straddle Channel  
WIFI 802.11n HT40 (Band Edge @ 3m)**

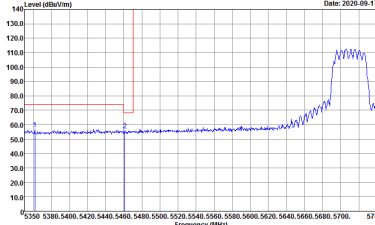
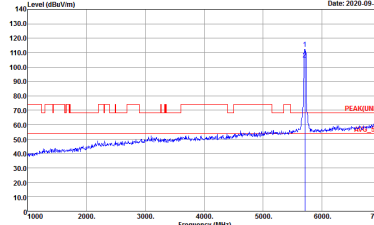
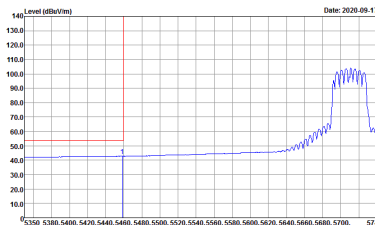
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
0+1	Horizontal	Fundamental
<b>Peak</b>	<p>Site : 03CH16-HY Condition : STRADDOLES U-NII-1A2A 3m 91200_1212 HORIZONTAL Detector : Peak Project : 040941-01</p>	<p>Site : 03CH16-HY Condition : PEAK(UNIT) 3m 91200_1212 HORIZONTAL Detector : Peak Project : 040941-01</p>
<b>Avg.</b>	<p>Site : 03CH16-HY Condition : U-NII-1A2A AVERAGE 3m 91200_1212 HORIZONTAL Detector : Peak Project : 040941-01</p>	<b>Left blank</b>





WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
0+1	Horizontal	Fundamental
Peak	<p>Site : 03CH16-HV Condition : STRADDLES U-NII-142A 3m 91200_1212 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWF:Auto Detector : Peak Project : 040941-01</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - L	
0+1	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY            Condition : STRADDLES U-NII-142A 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>	 <p>Site : 03CH16-HY            Condition : PEAK(UNII) 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>
Avg.	 <p>Site : 03CH16-HY            Condition : U-NII-142A AVERAGE 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11n CH142 5710MHz - R	
0+1	Vertical	Fundamental
Peak	<p>Site : 03CH16-HV Condition : STRADDLES U-NII-142A 3m 9120D_1212 VERTICAL Detector : Peak Project : 040941-01</p>	Left blank



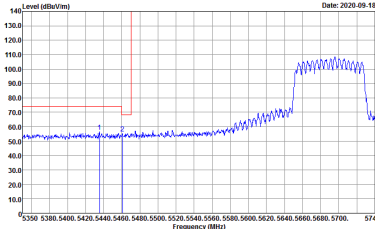
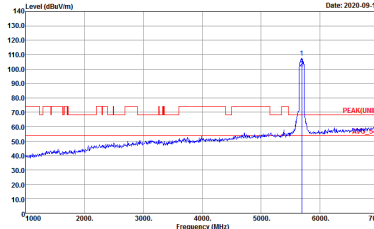
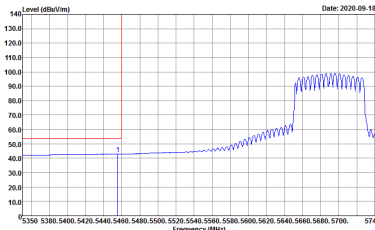
**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT80 (Band Edge @ 3m)**

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
0+1	Horizontal	Fundamental
<b>Peak</b>	<p>Site : 03CH16-HY            Condition : STRADDOLES U-NET-1A2A 3m 91200_1212 HORIZONTAL            Detector : Peak            Project : 040941-01</p>	<p>Site : 03CH16-HY            Condition : PEAK(UNIT) 3m 91200_1212 HORIZONTAL            Detector : Peak            Project : 040941-01</p>
<b>Avg.</b>	<p>Site : 03CH16-HY            Condition : U-NET-1A2A AVERAGE 3m 91200_1212 HORIZONTAL            Detector : Peak            Project : 040941-01</p>	<b>Left blank</b>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
0+1	Horizontal	Fundamental
Peak	<p>Site : 03CH16-HV Condition : STRADDLES U-NI-142A 3m 9120D_1212 HORIZONTAL Detector : Peak Project : 040941-01</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - L	
0+1	Vertical	Fundamental
Peak	 <p>Site : 03CH16-HY            Condition : STRADDLES U-NII-1A2A 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>	 <p>Site : 03CH16-HY            Condition : PEAK(UNII) 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:3000.000KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>
Avg.	 <p>Site : 03CH16-HY            Condition : U-NII-1A2A AVERAGE 3m 91200_1212 VERTICAL            RBW:1000.000KHz VBW:0.010KHz SWT:Auto            Detector : Peak            Project : 040941-01</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ac CH138 5690MHz - R	
0+1	Vertical	Fundamental
Peak	<p>Site : 03CH16-HY Condition : STRADDLES U-NII-142A 3m 91200_1212 VERTICAL Detector : Peak Project : 040941-01</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</b> <b>Avg.</b>	<p>Site : 03CH16-1FY          Condition : PEAK(LINEI) 3m 9120D_1212 HORIZONTAL          Detector : Peak          Project : 040941-01</p>	<p>Site : 03CH16-1FY          Condition : PEAK(LINEI) 3m 9120D_1212 VERTICAL          Detector : Peak          Project : 040941-01</p>





**Band 3 – Straddle Channel  
WIFI 802.11n HT20 (Harmonic @ 3m)**

<b>WIFI</b>	<b>Band 3 Straddle Channel Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11n HT20 CH144 5720MHz</b>	
<b>0+1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH16-HY Condition : PEAK(UNII) 3m 91200_1212 HORIZONTAL Detector : Peak Project : 040941-01</p>	<p>Site : 03CH16-HY Condition : PEAK(UNII) 3m 91200_1212 VERTICAL Detector : Peak Project : 040941-01</p>



**Band 3 – Straddle Channel  
WIFI 802.11n HT40 (Harmonic @ 3m)**

<b>WIFI</b>	<b>Band 3 Straddle Channel Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11n HT40 CH142 5710MHz</b>	
<b>0+1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH16-HY Condition : PEAK(UNII) 3m 91200_1212 HORIZONTAL Detector : Peak Project : 040941-01</p>	<p>Site : 03CH16-HY Condition : PEAK(UNII) 3m 91200_1212 VERTICAL Detector : Peak Project : 040941-01</p>



**Band 3 – Straddle Channel**  
**WIFI 802.11ac VHT80 (Harmonic @ 3m)**

<b>WIFI</b>	<b>Band 3 Straddle Channel Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11ac VHT80 CH138 5690MHz</b>	
<b>0+1</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b> <b>Avg.</b>	<p>Site : 03CH16-HY          Condition : PEAK(UNII) 3m 91200_1212 HORIZONTAL          Detector : Peak          Project : 040941-01</p>	<p>Site : 03CH16-HY          Condition : PEAK(UNII) 3m 91200_1212 VERTICAL          Detector : Peak          Project : 040941-01</p>



Emission above 18GHz  
5GHz WIFI 802.11n HT20 (SHF)

WIFI	5GHz WIFI	
ANT	802.11n HT20 SHF	
0+1	Horizontal	Vertical
QP / Peak	<p>Site : 03CH16-11Y Condition : PEAK(LINE) Im SHF HORN BBH49170584 HORIZONTAL Detector : Peak Project : 040941-01</p>	<p>Site : 03CH16-11Y Condition : PEAK(LINE) Im SHF HORN BBH49170584 VERTICAL Detector : Peak Project : 040941-01</p>



Emission below 1GHz  
5GHz WIFI 802.11n HT20 (LF)

WIFI	5GHz WIFI	
ANT	802.11n HT20 LF	
0+1	Horizontal	Vertical
QP / Peak	<p>Site : 03CH16-FY Condition : QP 3m BTL06_47020406 HORIZONTAL Detector : Peak Project : 040941-01</p>	<p>Site : 03CH16-FY Condition : QP 3m BTL06_47020406 VERTICAL Detector : Peak Project : 040941-01</p>

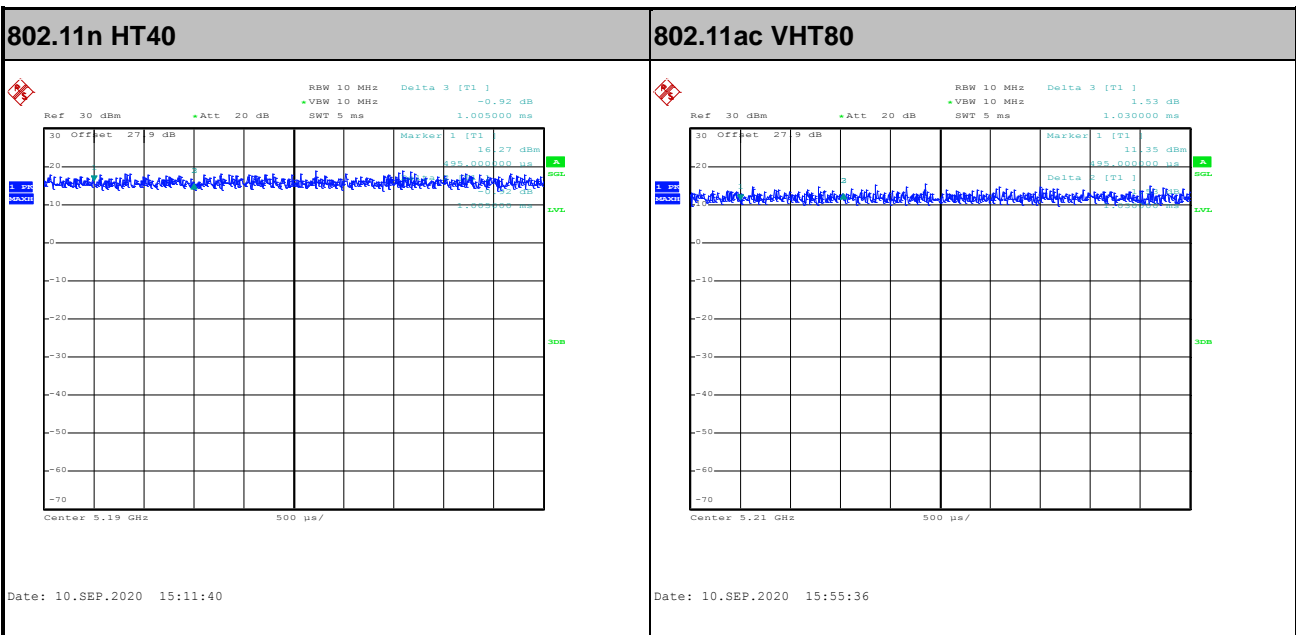
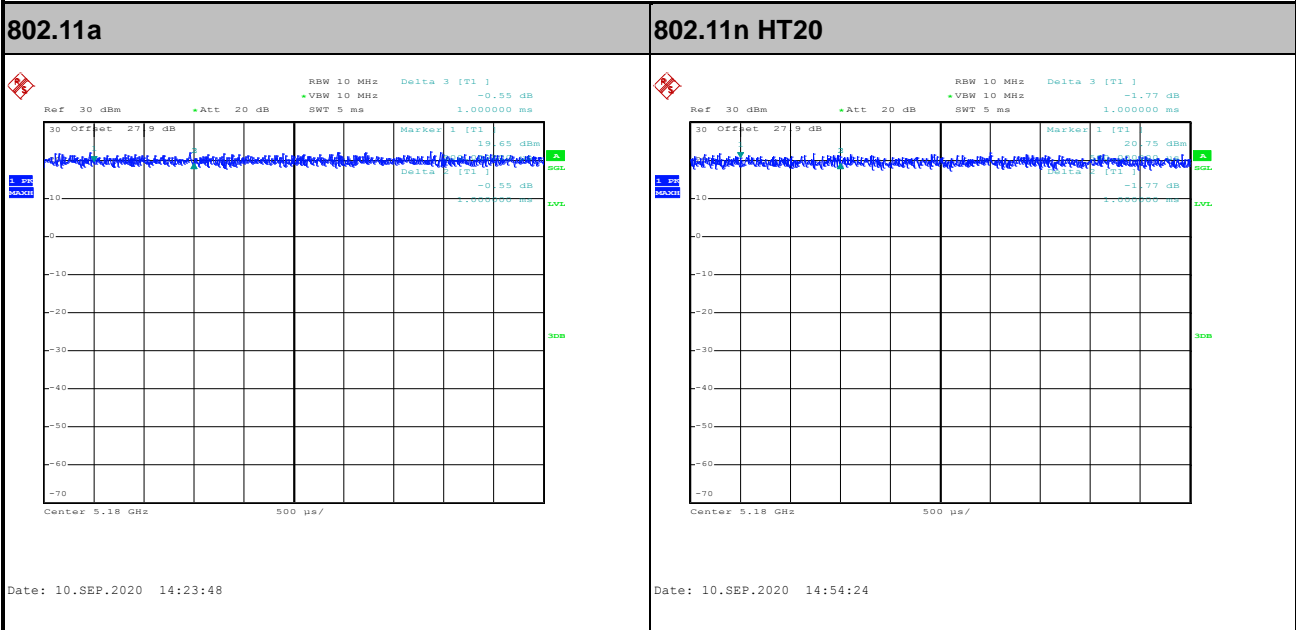


### Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
0+1	802.11a for Ant 0	100.00	-	-	10Hz	0.00
0+1	802.11a for Ant 1	100.00	-	-	10Hz	0.00
0+1	5GHz 802.11n HT20 for Ant 0	100.00	-	-	10Hz	0.00
0+1	5GHz 802.11n HT20 for Ant 1	100.00	-	-	10Hz	0.00
0+1	5GHz 802.11n HT40 for Ant 0	100.00	-	-	10Hz	0.00
0+1	5GHz 802.11n HT40 for Ant 1	100.00	-	-	10Hz	0.00
0+1	5GHz 802.11ac VHT80 for Ant 0	100.00	-	-	10Hz	0.00
0+1	5GHz 802.11ac VHT80 for Ant 1	100.00	-	-	10Hz	0.00



MIMO <Ant. 0>





MIMO <Ant. 1>

