



WIFI	Band 3 5470~5725MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH122 5610MHz	
4+5	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_0007596Z HORIZONTAL Detector : Peak Project : 072112 Mode : Z9</p>	<p>Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_0007596Z VERTICAL Detector : Peak Project : 072112 Mode : Z9</p>



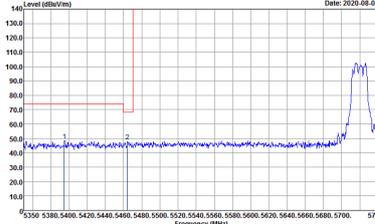
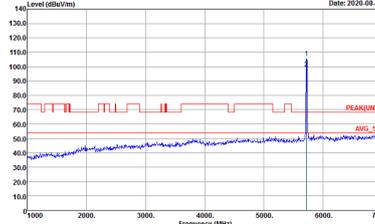
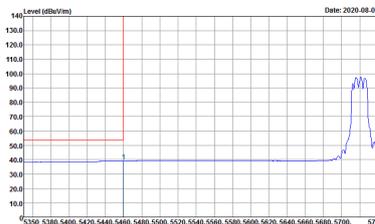
Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
4+5	Horizontal	Fundamental
Peak	<p>Date: 2020-08-01</p> <p>Site : 03CH07-HY Condition : STRADDLES U-NII-18.2A 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 072112 Mode : 30</p>	<p>Date: 2020-08-01</p> <p>Site : 03CH07-HY Condition : PEAK(LINB) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 072112 Mode : 30</p>
Avg.	<p>Date: 2020-08-01</p> <p>Site : 03CH07-HY Condition : U-NII-18.2A AVERAGE 3m HF_ANT_00070962 HORIZONTAL Detector : Peak Project : 072112 Mode : 30</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz – R	
4+5	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : STRADOLE'S U-NII-18.2A 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 072112 Mode : 30</p>	Left blank



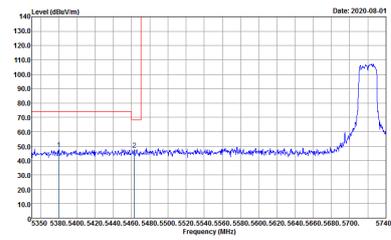
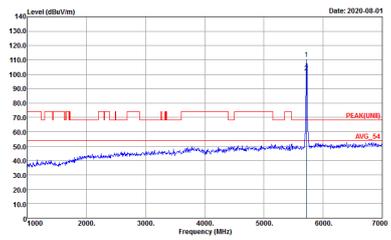
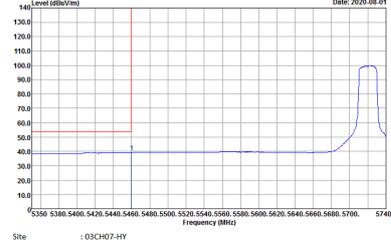
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - L	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : STRADOLIS U-NII-18.2A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 30</p>	 <p>Site : 03CH07-HY Condition : PEAK(U-NII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 30</p>
Avg.	 <p>Site : 03CH07-HY Condition : U-NII-18.2A AVERAGE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 30</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11a CH144 5720MHz - R	
4+5	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : STRADOLE'S U-NII-18.2A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 30</p>	Left blank



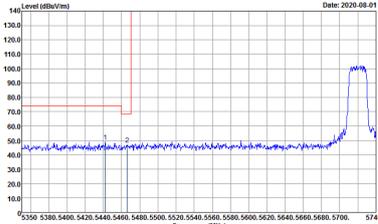
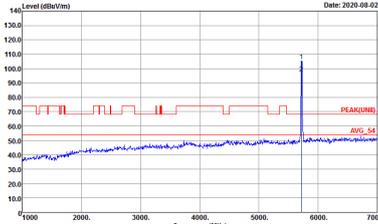
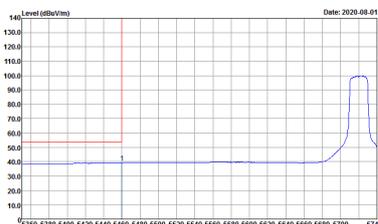
Band 3 – Straddle Channel
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - L	
4+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : STRADDLES U-NII-1&2A 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto Detector : Peak Project : 072112 Mode : 31</p>	 <p>Site : 03CH07-HY Condition : PEAK(U-NII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto Detector : Peak Project : 072112 Mode : 31</p>
Avg.	 <p>Site : 03CH07-HY Condition : U-NII-1&2A AVERAGE 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWF:Auto Detector : Peak Project : 072112 Mode : 31</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - R	
4+5	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : STRADLES U-NII-18.2A 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 072112 Mode : 31</p>	Left blank



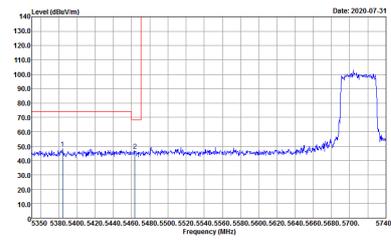
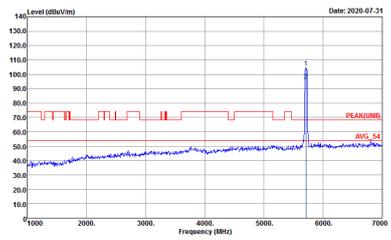
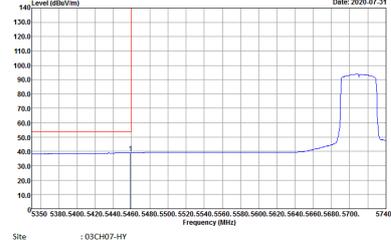
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - L	
4+5	Vertical	Fundamental
<p>Peak</p>	 <p>Date: 2020-08-01</p> <p>Site : 03CH07-HY Condition : STRADOLIS U-NII-18.2A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 31</p>	 <p>Date: 2020-08-02</p> <p>Site : 03CH07-HY Condition : PEAK(U-NII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 31</p>
<p>Avg.</p>	 <p>Date: 2020-08-01</p> <p>Site : 03CH07-HY Condition : U-NII-18.2A AVERAGE 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 072112 Mode : 31</p>	<p>Left blank</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE20 Full CH144 5720MHz - R	
4+5	Vertical	Fundamental
Peak	<p>Site : 09CH07-HY Condition : STRADDOLES U-NII-18.2A 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 072112 Mode : 31</p>	Left blank



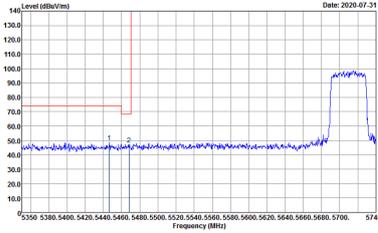
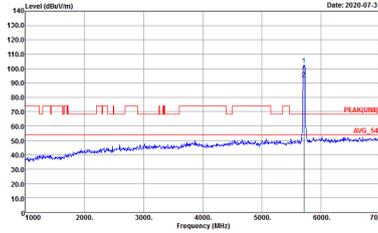
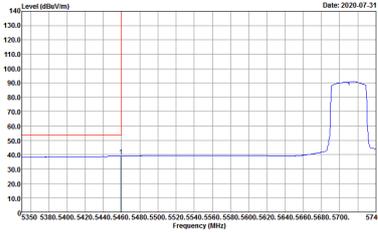
Band 3 - Straddle Channel
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - L	
4+5	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : STRADDLES U-NII-1&2A 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto Detector : Peak Project : 072112 Mode : 32</p>	 <p>Site : 03CH07-HY Condition : PEAK(U-NII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto Detector : Peak Project : 072112 Mode : 32</p>
Avg.	 <p>Site : 03CH07-HY Condition : U-NII-1&2A AVERAGE 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWF:Auto Detector : Peak Project : 072112 Mode : 32</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - R	
4+5	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : STRADOLE'S U-NII-18.2A 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 072112 Mode : 32</p>	Left blank



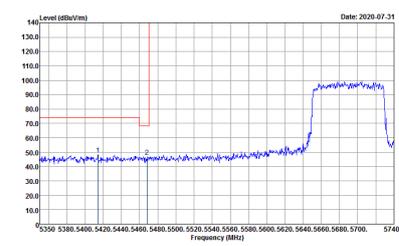
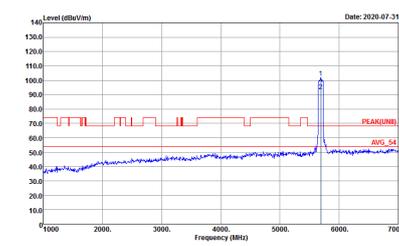
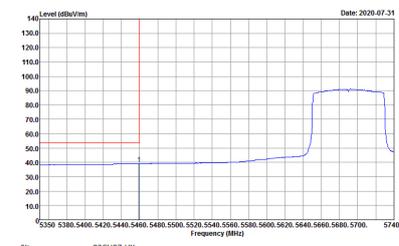
WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - L	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : STRADOLIS U-NII-18.2A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 32</p>	 <p>Site : 03CH07-HY Condition : PEAK(U-NII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 32</p>
Avg.	 <p>Site : 03CH07-HY Condition : U-NII-18.2A AVERAGE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 32</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax HE40 Full CH142 5710MHz - R	
4+5	Vertical	Fundamental
Peak	<p> Site : 03CH07-HY Condition : STRADOL'S U-NII-18.2A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 32 </p>	Left blank



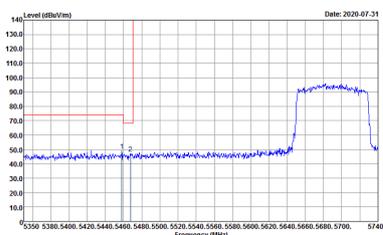
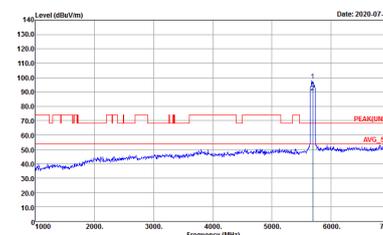
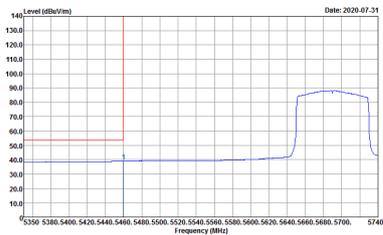
Band 3 – Straddle Channel
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - L	
4+5	Horizontal	Fundamental
<p align="center">Peak</p>	 <p>Site : 03CH07-HY Condition : STRADDLES U-NII-1&2A 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto Detector : Peak Project : 072112 Mode : 33</p>	 <p>Site : 03CH07-HY Condition : PEAK(U-NII) 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWF:Auto Detector : Peak Project : 072112 Mode : 33</p>
<p align="center">Avg.</p>	 <p>Site : 03CH07-HY Condition : U-NII-1&2A AVERAGE 3m HF_ANT_00075962 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWF:Auto Detector : Peak Project : 072112 Mode : 33</p>	<p align="center">Left blank</p>



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - R	
4+5	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : STRADDOLES U-NII-18.2A 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 072112 Mode : 33</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - L	
4+5	Vertical	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : STRADOLIS U-NII-18.2A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 33</p>	 <p>Site : 03CH07-HY Condition : PEAK(U-NII) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 33</p>
Avg.	 <p>Site : 03CH07-HY Condition : U-NII-18.2A AVERAGE 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 33</p>	Left blank



WIFI	Band 3 Straddle Channel Band Edge @ 3m	
ANT	802.11ax CH138 5690MHz - R	
4+5	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : STRADDOLES U-NII-18.2A 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 33</p>	Left blank

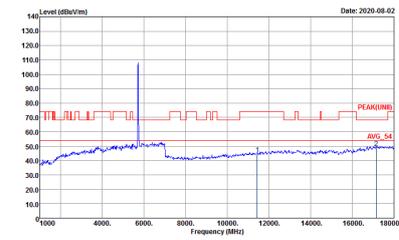
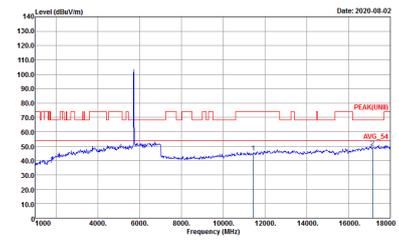


Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 3 Straddle Channel Harmonic @ 3m	
ANT	802.11a CH144 5720MHz	
4+5	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 072112 Mode : 30</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 30</p>



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	
4+5	Horizontal	Vertical
Peak Avg.	 <p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 072112 Mode : 31</p>	 <p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 31</p>



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	
4+5	Horizontal	Vertical
Peak Avg.		



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	
4+5	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 HORIZONTAL Detector : Peak Project : 072112 Mode : 33</p>	<p>Site : 03CH07-HY Condition : PEAK(UNI) 3m HF_ANT_00075962 VERTICAL Detector : Peak Project : 072112 Mode : 33</p>



Emission above 18GHz
5GHz WIFI 802.11ax HE40 Full (SHF)

WIFI	5GHz WIFI	
ANT	802.11ax HE40 Full SHF	
4+5	Horizontal	Vertical
QP / Peak	<p>Site : 03CM07-MY Condition : PEAK(UNII) 1m SHF_EHF_9170584 HORIZONTAL Detector : Peak Project : 072112 Mode : 78</p>	<p>Site : 03CM07-MY Condition : PEAK(UNII) 1m SHF_EHF_9170584 VERTICAL Detector : Peak Project : 072112 Mode : 78</p>



Emission below 1GHz
5GHz WIFI 802.11ax HE40 Full (LF)

WIFI	5GHz WIFI	
ANT	802.11ax HE40 Full LF	
4+5	Horizontal	Vertical
QP / Peak	<p>Site : 03CH07-11Y Condition : QP 3m LF-ANT-35419(G) HORIZONTAL Detector : Peak Project : 072112 Mode : 73</p>	<p>Site : 03CH07-11Y Condition : QP 3m LF-ANT-35419(G) VERTICAL Detector : Peak Project : 072112 Mode : 73</p>



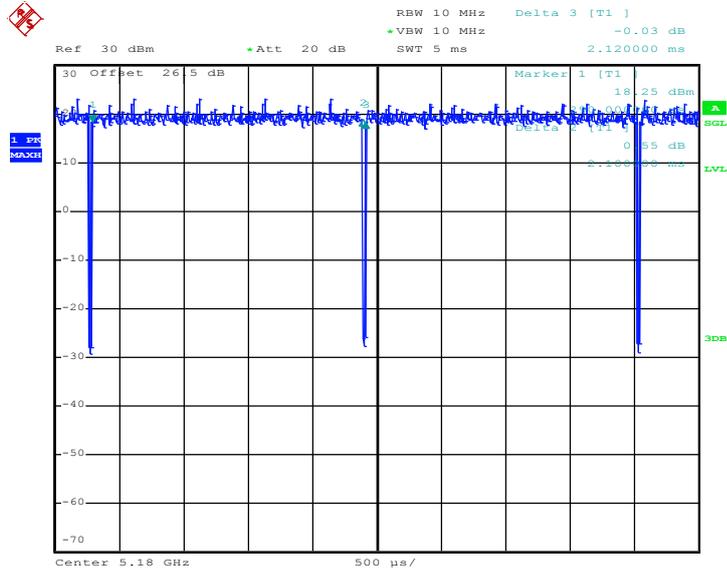
Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
4+5	802.11a for Ant. 4	99.06	-	-	10Hz	0.04
4+5	802.11a for Ant. 5	98.82	-	-	10Hz	0.05
4+5	5GHz 802.11ax HE20 Full RU for Ant. 4	100.00	-	-	10Hz	0.00
4+5	5GHz 802.11ax HE20 Full RU for Ant. 5	100.00	-	-	10Hz	0.00
4+5	5GHz 802.11ax HE40 Full RU for Ant. 4	100.00	-	-	10Hz	0.00
4+5	5GHz 802.11ax HE40 Full RU for Ant. 5	100.00	-	-	10Hz	0.00
4+5	5GHz 802.11ax HE40 242 RU for Ant. 4	100.00	-	-	10Hz	0.00
4+5	5GHz 802.11ax HE40 242 RU for Ant. 5	100.00	-	-	10Hz	0.00
4+5	5GHz 802.11ax HE80 Full RU for Ant. 4	100.00	-	-	10Hz	0.00
4+5	5GHz 802.11ax HE80 Full RU for Ant. 5	100.00	-	-	10Hz	0.00



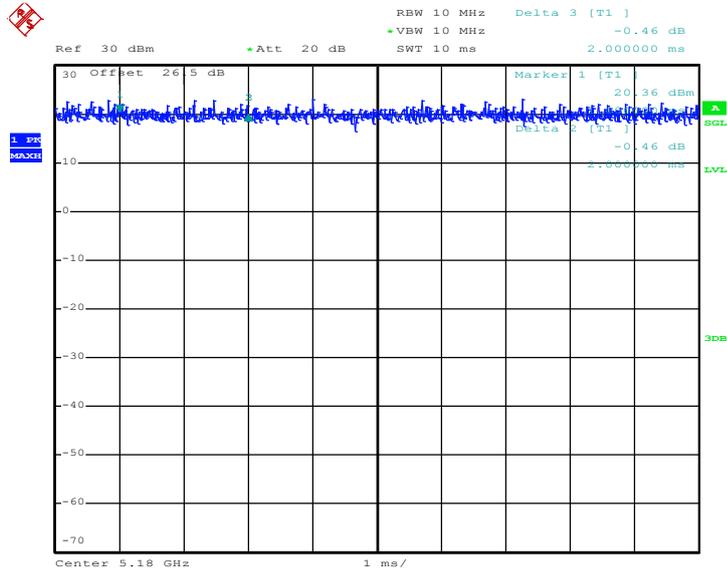
MIMO <Ant. 4>

802.11a



Date: 29.JUL.2020 15:49:39

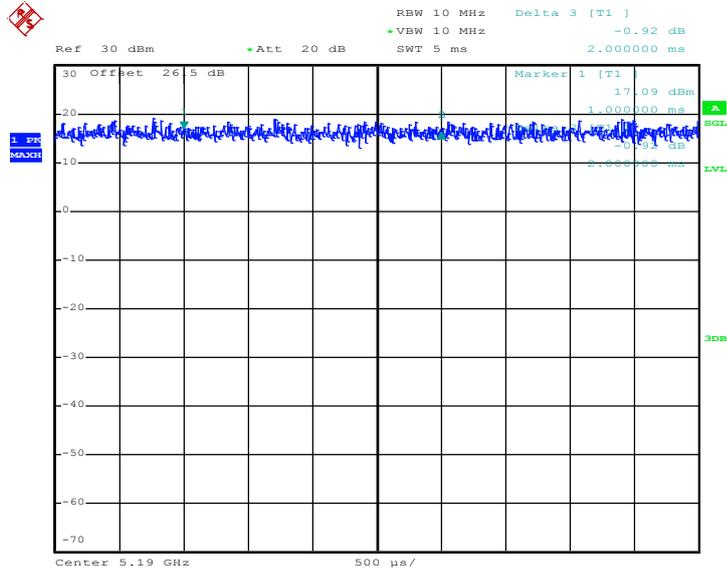
802.11ax HE20 Full RU



Date: 29.JUL.2020 16:45:23

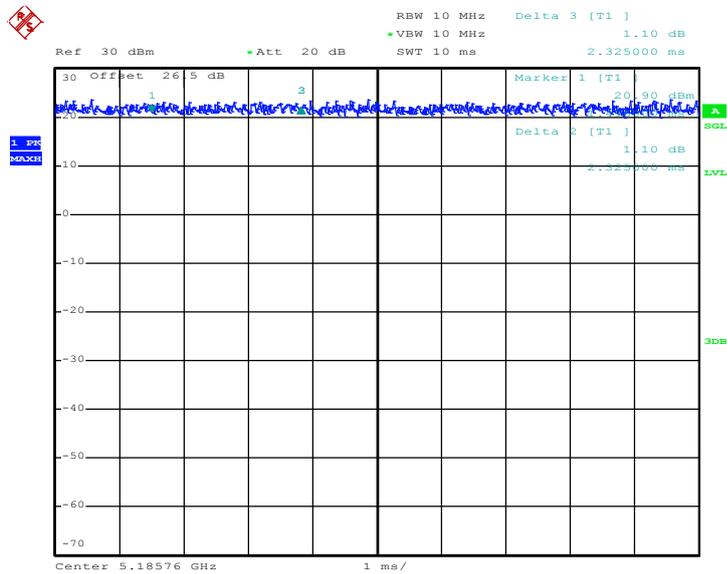


802.11ax HE40 Full RU



Date: 29.JUL.2020 16:54:18

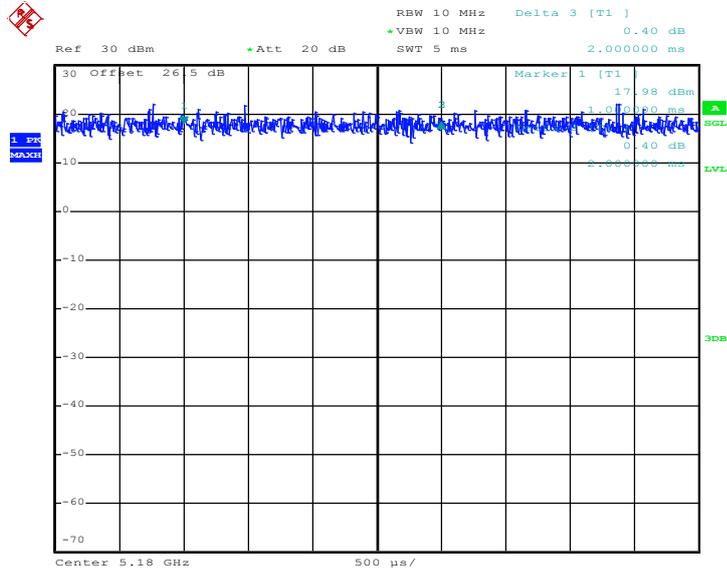
802.11ax HE40 242 RU



Date: 18.AUG.2020 16:08:35

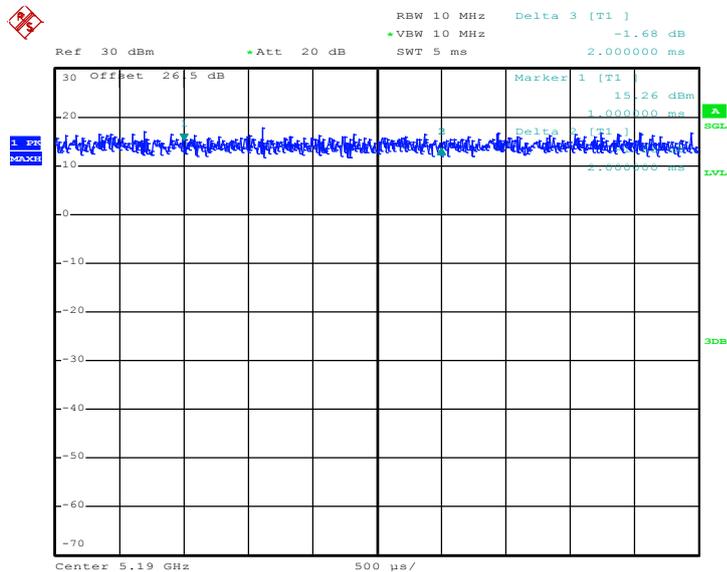


802.11ax HE20 Full RU



Date: 29.JUL.2020 16:48:53

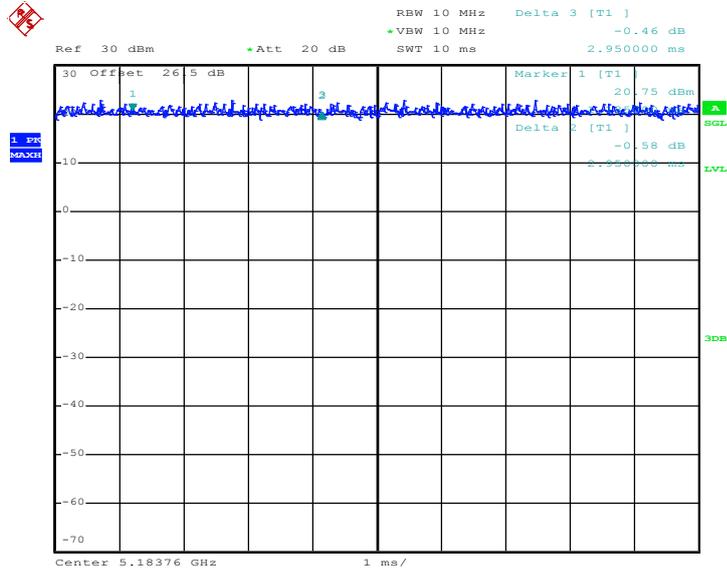
802.11ax HE40 Full RU



Date: 29.JUL.2020 16:55:57

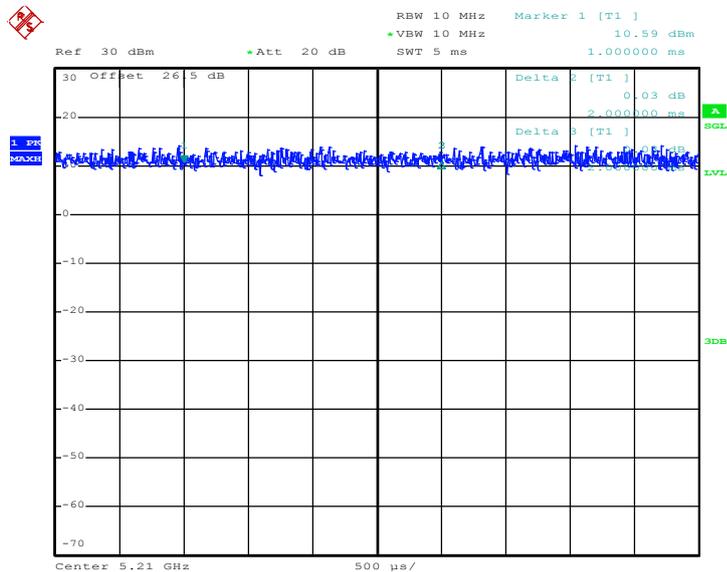


802.11ax HE40 242 RU



Date: 18.AUG.2020 16:10:20

802.11ax HE80 Full RU



Date: 29.JUL.2020 17:46:08