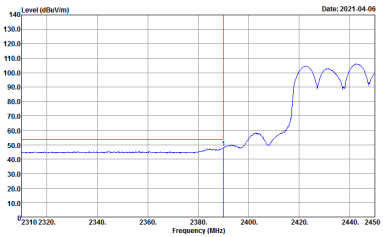
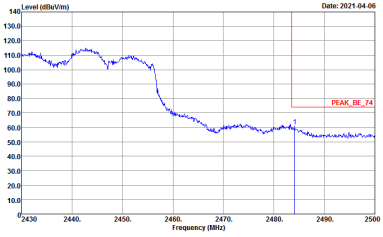
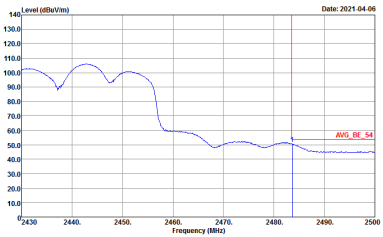




WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
6+7+8+9	Vertical	Fundamental
Peak	 <p>Level (dBm/1m) vs Frequency (MHz) plot for Vertical Peak. The plot shows a rising signal level starting around 2380 MHz, reaching approximately 110 dBm/1m at 2440 MHz. A red vertical line is at 2437 MHz. Metadata: Date: 2021-04-06, Site: 03CH16-HY, Condition: PEAK_BE_74 3m 91200_1522 VERTICAL, RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Fundamental Peak Spectrum Plot showing a sharp peak at 2437 MHz with a level of approximately 110 dBm/1m. Metadata: Date: 2021-04-06, Site: 03CH16-HY, Condition: PEAK_74 3m 91200_1522 VERTICAL, RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Vertical Average Spectrum Plot showing the average signal level. The level rises from about 40 dBm/1m at 2380 MHz to about 100 dBm/1m at 2440 MHz. Metadata: Date: 2021-04-06, Site: 03CH16-HY, Condition: AVG_BE_54 3m 91200_1522 VERTICAL, RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>	 <p>Fundamental Average Spectrum Plot showing a sharp peak at 2437 MHz with an average level of approximately 60 dBm/1m. Metadata: Date: 2021-04-06, Site: 03CH16-HY, Condition: AVG_54 3m 91200_1522 VERTICAL, RBW:1000.000kHz VBW:1000kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
6+7+8+9	Vertical	Fundamental
<p style="text-align: center;"><b>Peak</b></p>	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>
<p style="text-align: center;"><b>Avg.</b></p>	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p style="text-align: center;">Left blank</p>

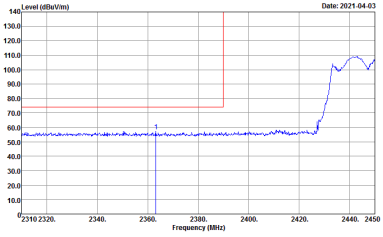
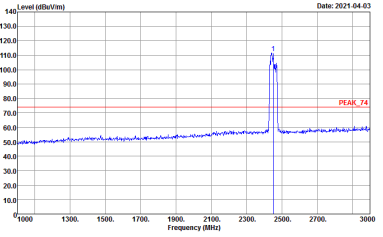
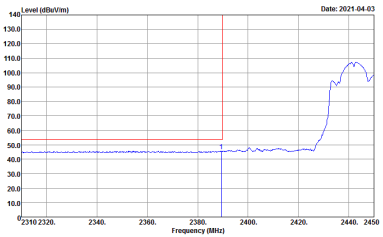
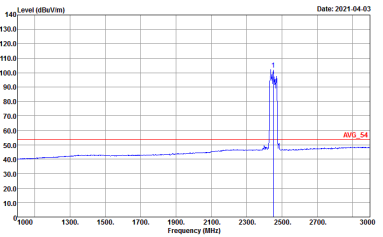


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
6+7+8+9	Horizontal	Fundamental
Peak	<p>Date: 2021-04-03</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Date: 2021-04-03</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Date: 2021-04-03</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Date: 2021-04-03</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>

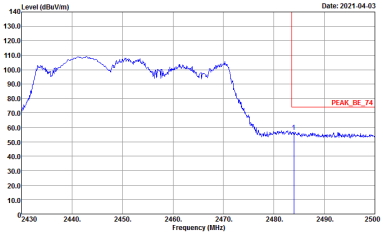
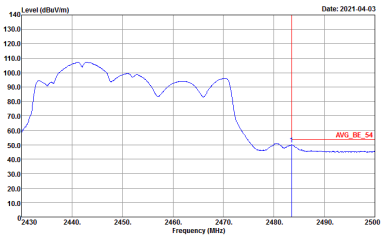


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
6+7+8+9	Horizontal	Fundamental
<p><b>Peak</b></p>	<p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	<p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
6+7+8+9	Vertical	Fundamental
Peak	 <p>Date: 2021-04-03</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2021-04-03</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2021-04-03</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	 <p>Date: 2021-04-03</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
6+7+8+9	Vertical	Fundamental
<p><b>Peak</b></p>	 <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Left blank</p>
<p><b>Avg.</b></p>	 <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto</p>	<p>Left blank</p>



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH01 2412MHz	
6+7+8+9	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL</p>	<p>Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH06 2437MHz	
6+7+8+9	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>





WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH11 2462MHz	
6+7+8+9	Horizontal	Vertical
<p>Peak Avg.</p>		



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH03 2422MHz	
6+7+8+9	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH06 2437MHz	
6+7+8+9	Horizontal	Vertical
<p>Peak Avg.</p>		



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH09 2452MHz	
6+7+8+9	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 91200_1522 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH16-HY Condition : PEAK_T4 3m 91200_1522 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>



## Appendix E. Duty Cycle Plots

### <STBC Mode>

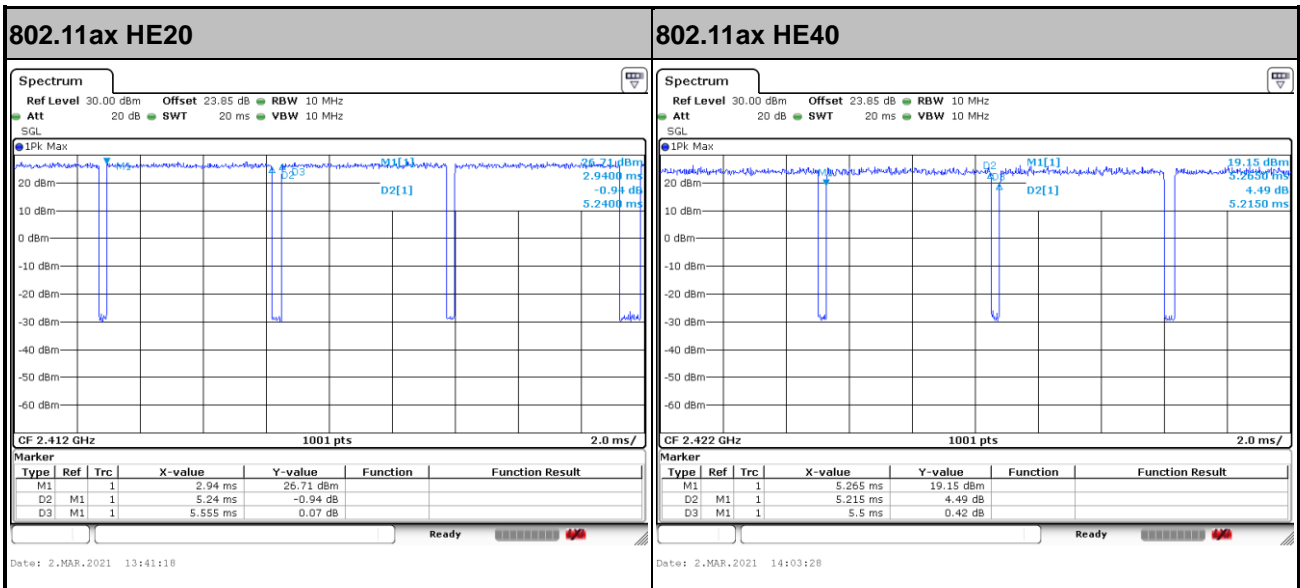
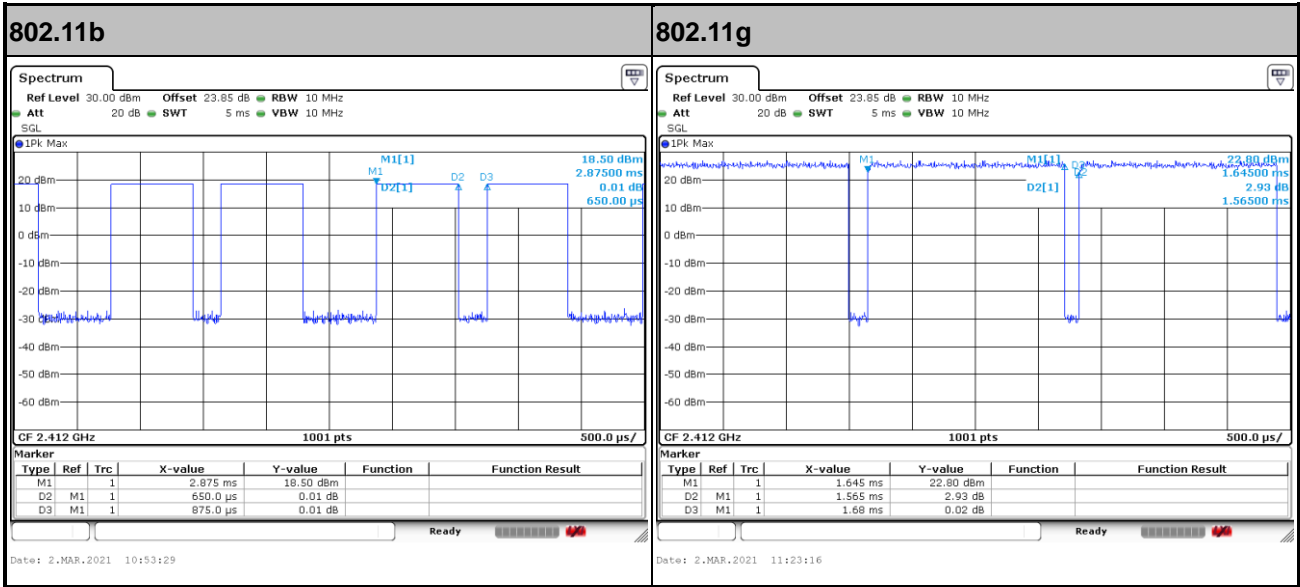
Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
6+7+8+9	802.11b for Ant 6	74.29	650	1.54	3kHz	1.29
6+7+8+9	802.11b for Ant 7	74.29	650	1.54	3kHz	1.29
6+7+8+9	802.11b for Ant 8	74.29	650	1.54	3kHz	1.29
6+7+8+9	802.11b for Ant 9	74.29	650	1.54	3kHz	1.29
6+7+8+9	802.11g for Ant 6	93.15	1565	0.64	1kHz	0.31
6+7+8+9	802.11g for Ant 7	93.41	1560	0.64	1kHz	0.30
6+7+8+9	802.11g for Ant 8	92.86	1560	0.64	1kHz	0.32
6+7+8+9	802.11g for Ant 9	92.60	1565	0.64	1kHz	0.33
6+7+8+9	2.4GHz 802.11ax HE20 for Ant 6	94.33	5240	0.19	300Hz	0.25
6+7+8+9	2.4GHz 802.11ax HE20 for Ant 7	95.19	5240	0.19	300Hz	0.21
6+7+8+9	2.4GHz 802.11ax HE20 for Ant 8	95.10	5235	0.19	300Hz	0.22
6+7+8+9	2.4GHz 802.11ax HE20 for Ant 9	94.41	5240	0.19	300Hz	0.25
6+7+8+9	2.4GHz 802.11ax HE40 for Ant 6	94.82	5215	0.19	300Hz	0.23
6+7+8+9	2.4GHz 802.11ax HE40 for Ant 7	93.90	5235	0.19	300Hz	0.27
6+7+8+9	2.4GHz 802.11ax HE40 for Ant 8	94.76	5240	0.19	300Hz	0.23
6+7+8+9	2.4GHz 802.11ax HE40 for Ant 9	94.50	5245	0.19	300Hz	0.25

### <TXBF Mode>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
6+7+8+9	2.4GHz 802.11ax HE20	91.97	1775	0.56	1kHz	0.36
6+7+8+9	2.4GHz 802.11ax HE40	73.60	1770	0.56	1kHz	1.33

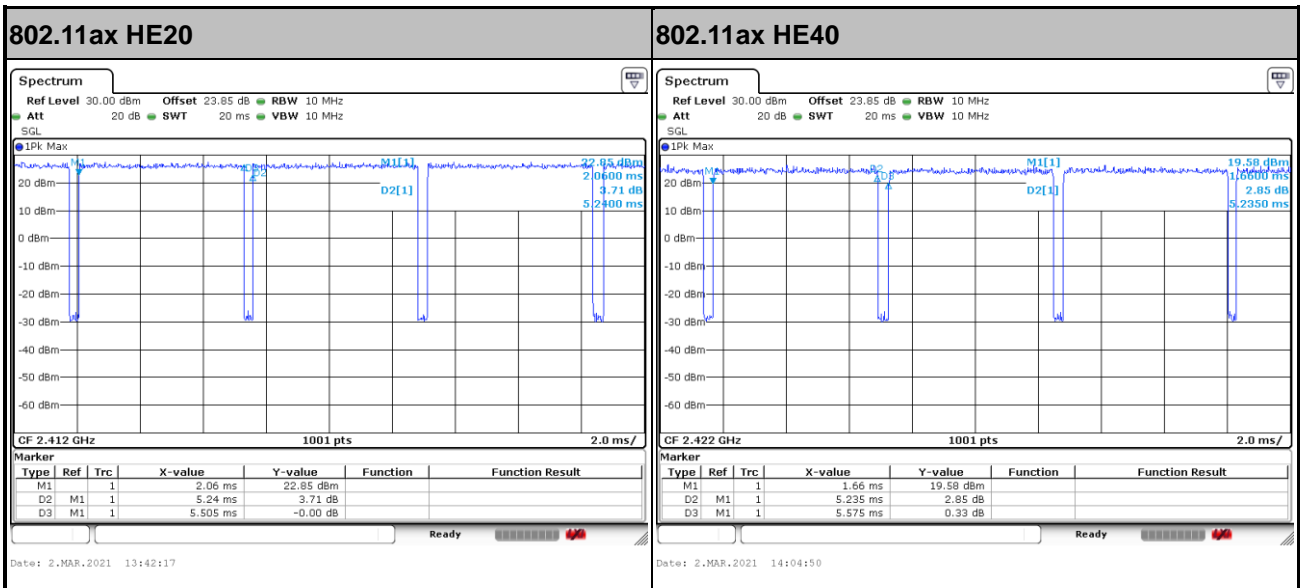
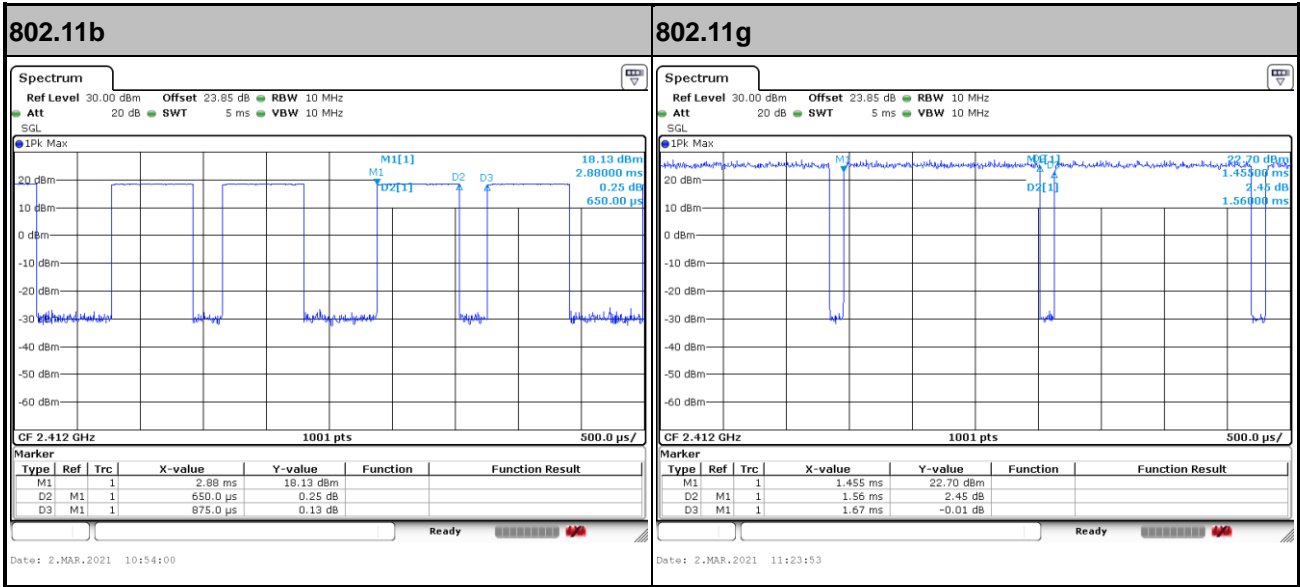


MIMO <Ant. 6>



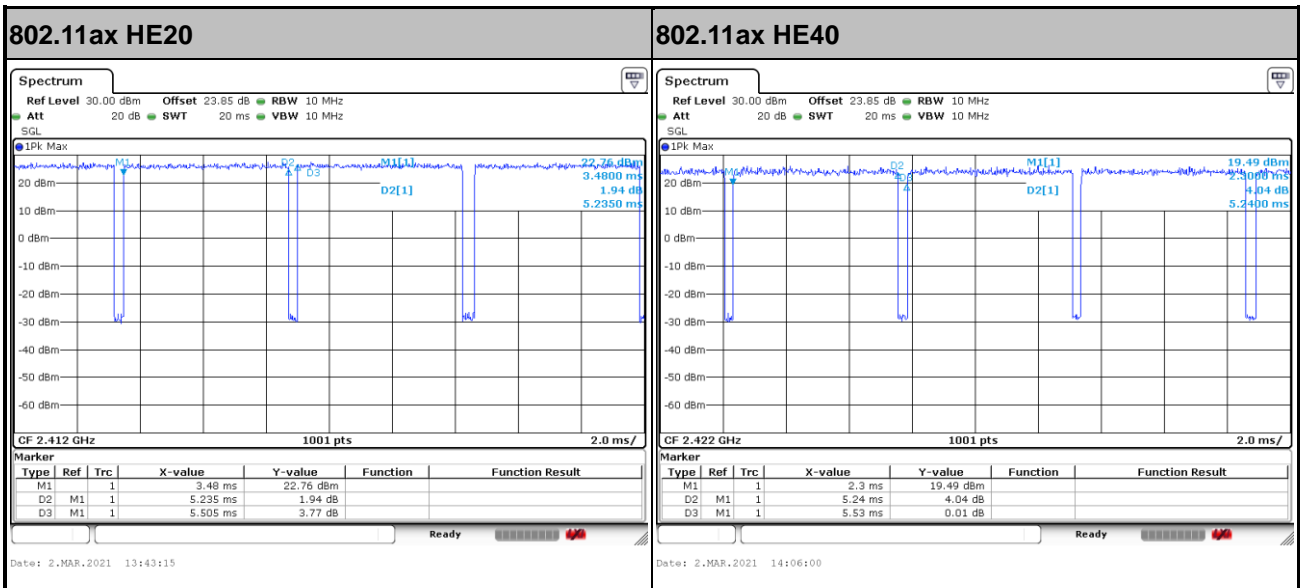
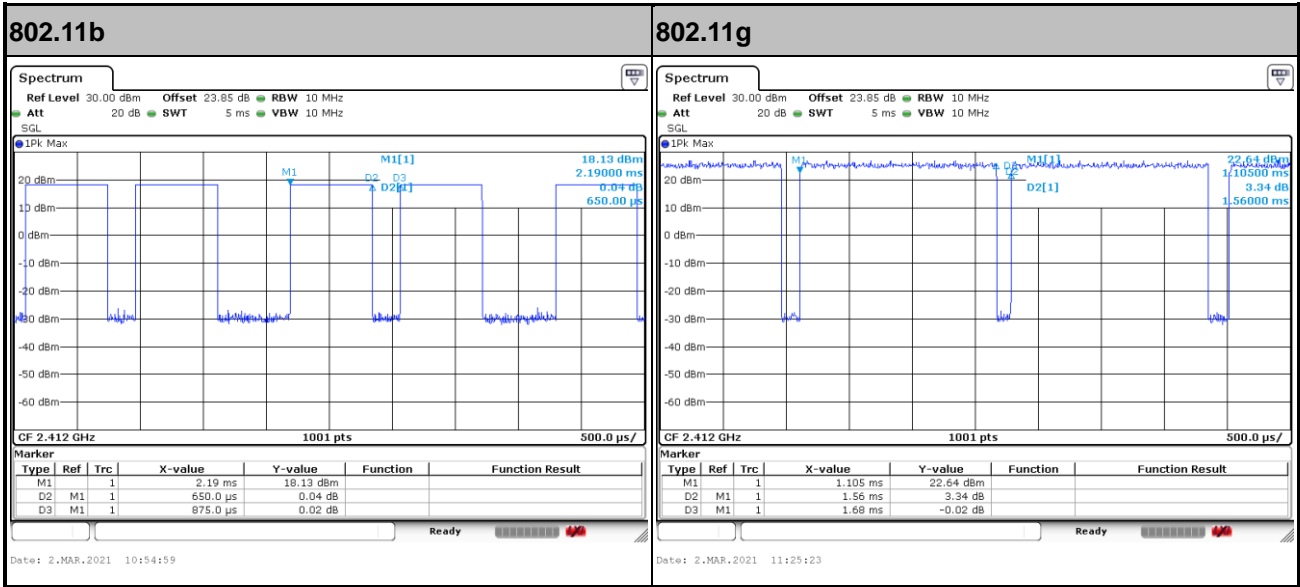


MIMO <Ant. 7>





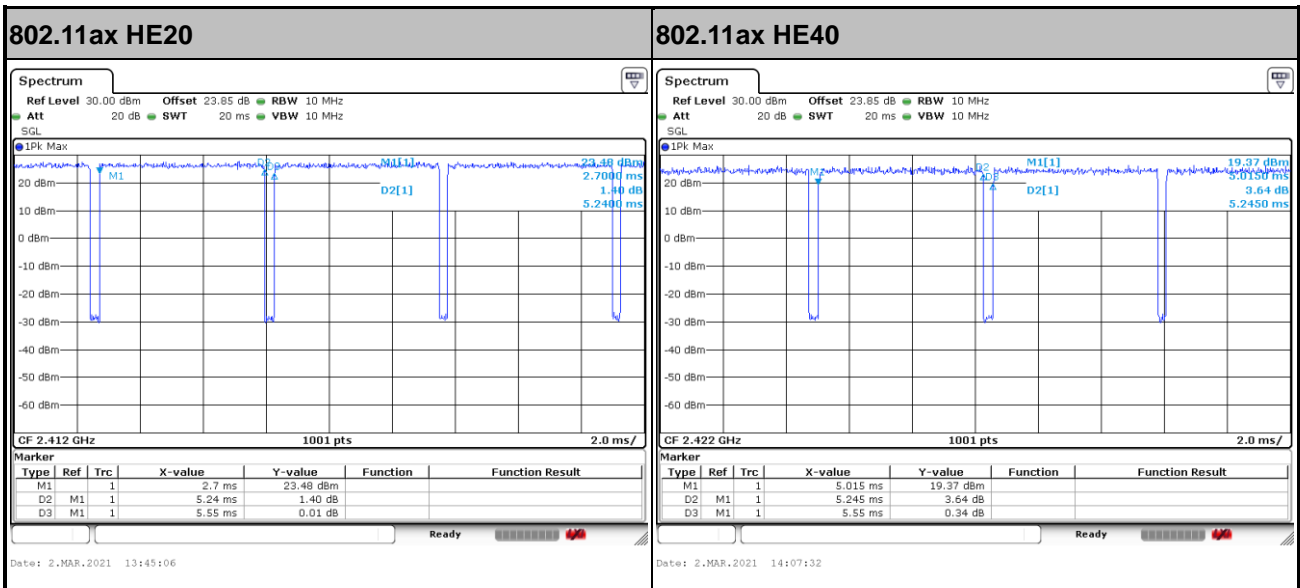
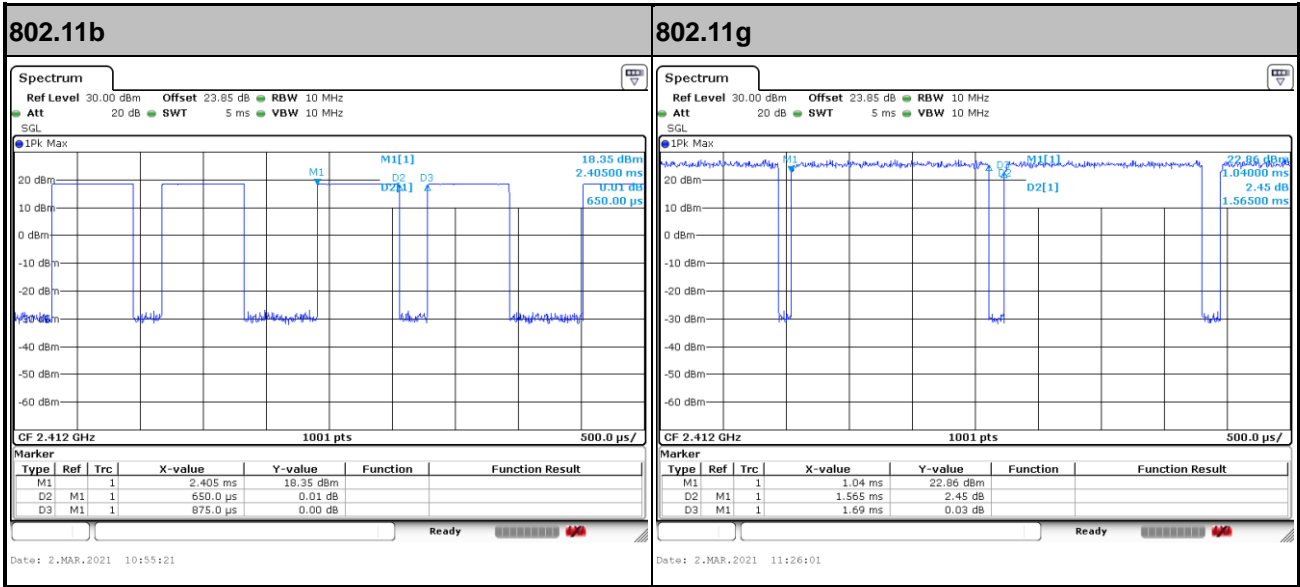
MIMO <Ant. 8>







MIMO <Ant. 9>





<TXBF Mode>

