



Emission below 1GHz
5GHz WIFI 802.11ax HE20 Full (LF @ 3m)

WIFI	5GHz WIFI	
ANT	802.11ax HE20 Full LF	
1+2+3+4	Horizontal	Vertical
QP / Peak	<p>Horizontal plot showing Level (dBuV/m) vs Frequency (MHz). The y-axis ranges from 5.7 to 80 dBuV/m. The x-axis ranges from 50 to 1000 MHz. A red line indicates a peak at approximately 900 MHz labeled 'QP'. The blue line shows the emission spectrum with several peaks between 100 and 300 MHz.</p> <p>Site : 03C10714Y Condition : QP 3m LF-ANT-35415(6) HORIZONTAL Detector : Peak</p>	<p>Vertical plot showing Level (dBuV/m) vs Frequency (MHz). The y-axis ranges from 5.7 to 80 dBuV/m. The x-axis ranges from 50 to 1000 MHz. A red line indicates a peak at approximately 900 MHz labeled 'QP'. The blue line shows the emission spectrum with several peaks between 100 and 300 MHz.</p> <p>Site : 03C10714Y Condition : QP 3m LF-ANT-35415(6) VERTICAL Detector : Peak</p>



<TXBF Mode>

Band 4 - 5725~5850MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

Table with 2 columns: Horizontal and Fundamental. It contains two spectral plots showing Level (dBuV/m) vs Frequency (MHz) with various annotations like 'PEAK', 'AVG', and 'Date: 2021-12-20'.

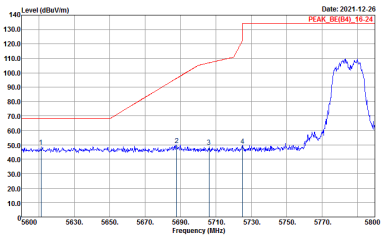
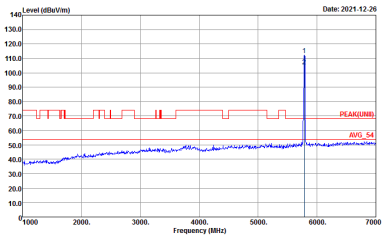
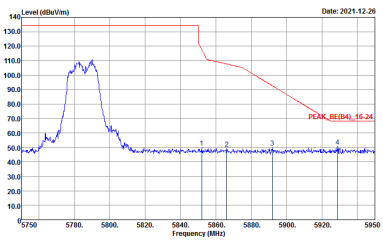


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH149 5745MHz	
1+2+3+4	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : PEAK(LINII) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH157 5785MHz	
1+2+3+4	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH157 5785MHz	
1+2+3+4	Vertical	Fundamental
Peak	 <p>Level (dBm/1m) vs Frequency (MHz) plot showing a peak at approximately 5785 MHz. The plot includes a red line for the peak and a blue line for the noise floor. The peak level is approximately 130 dBm/1m.</p> <p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Level (dBm/1m) vs Frequency (MHz) plot showing a peak at approximately 5785 MHz. The plot includes a red line for the peak and a blue line for the noise floor. The peak level is approximately 130 dBm/1m.</p> <p>Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Peak	 <p>Level (dBm/1m) vs Frequency (MHz) plot showing a peak at approximately 5785 MHz. The plot includes a red line for the peak and a blue line for the noise floor. The peak level is approximately 130 dBm/1m.</p> <p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH165 5825MHz	
1+2+3+4	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN)I 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH165 5825MHz	
1+2+3+4	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : PEAK(LINII) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>



Band 4 5725~5850MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH151 5755MHz	
1+2+3+4	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH151 5755MHz	
1+2+3+4	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full HT40 CH159 5795MHz	
1+2+3+4	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN)1 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
1+2+3+4	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN1) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



Band 4 5725~5850MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

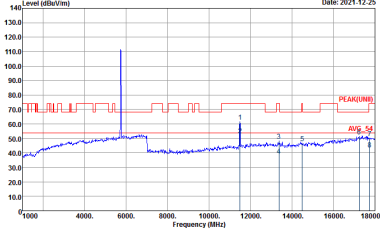
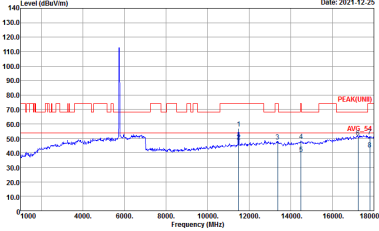
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH155 5775MHz	
1+2+3+4	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	802.11ax HE80 Full CH155 5775MHz	
1+2+3+4	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	<p>Site : 03CH07-HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE(B4)_16-24 3m HF_ANT_00066584 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	Left blank



Band 4 - 5725~5850MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH149 5745MHz	
1+2+3+4	Horizontal	Vertical
<p>Peak Avg.</p>	 <p>Site : 03CH074NY Condition : PEAK(LINII) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak</p>	 <p>Site : 03CH074NY Condition : PEAK(LINII) 3m HF_ANT_00066584 VERTICAL Detector : Peak</p>



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH157 5785MHz	
1+2+3+4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LINII) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH07-HY Condition : PEAK(LINII) 3m HF_ANT_00066584 VERTICAL Detector : Peak</p>



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE20 Full CH165 5825MHz	
1+2+3+4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LINII) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH07-HY Condition : PEAK(LINII) 3m HF_ANT_00066584 VERTICAL Detector : Peak</p>



Band 4 5725~5850MHz
WIFI 802.11ax HE40 Full (Harmonic @ 3m)

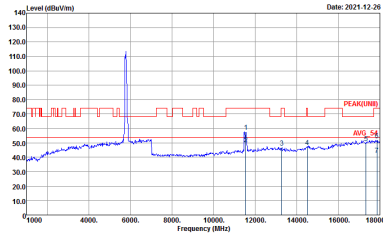
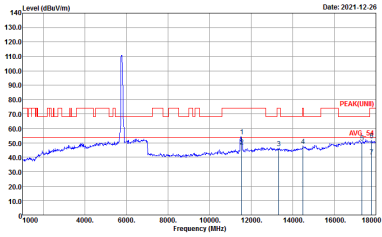
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH151 5755MHz	
1+2+3+4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07.HY Condition : PEAK(UNII) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH07.HY Condition : PEAK(UNII) 3m HF_ANT_00066584 VERTICAL Detector : Peak</p>



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE40 Full CH159 5795MHz	
1+2+3+4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak</p>	<p>Site : 03CH07-HY Condition : PEAK(LIN) 3m HF_ANT_00066584 VERTICAL Detector : Peak</p>



Band 4 5725~5850MHz
WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	802.11ax HE80 Full CH155 5775MHz	
1+2+3+4	Horizontal	Vertical
<p>Peak</p> <p>Avg.</p>	 <p>Site : 03CH07.HY Condition : PEAK(LIN) 3m HF_ANT_00066584 HORIZONTAL Detector : Peak</p>	 <p>Site : 03CH07.HY Condition : PEAK(LIN) 3m HF_ANT_00066584 VERTICAL Detector : Peak</p>

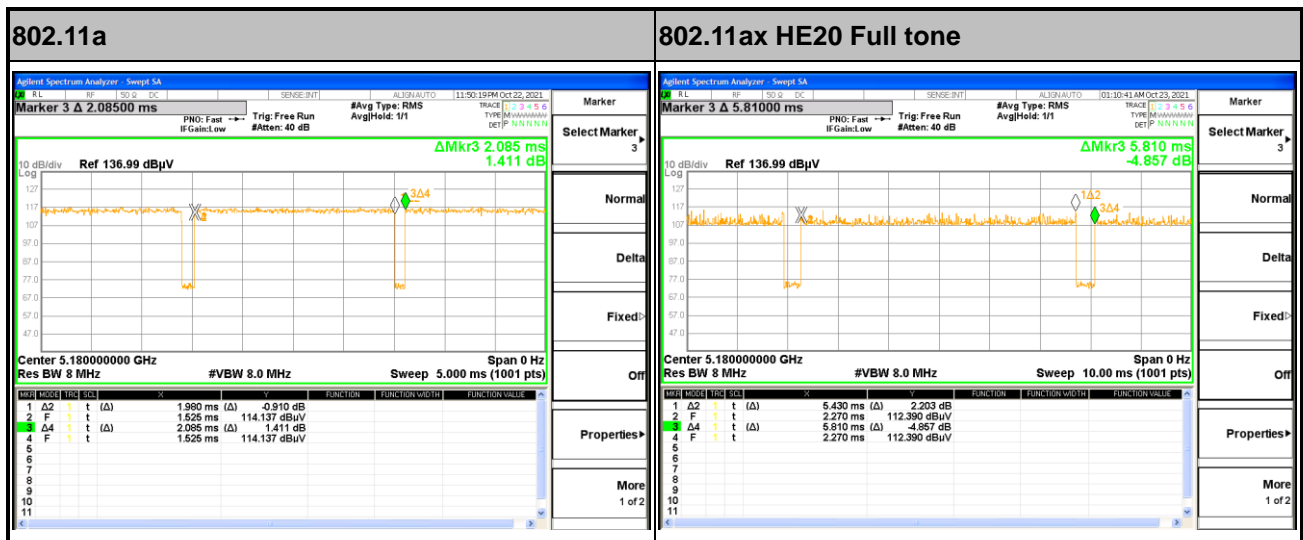


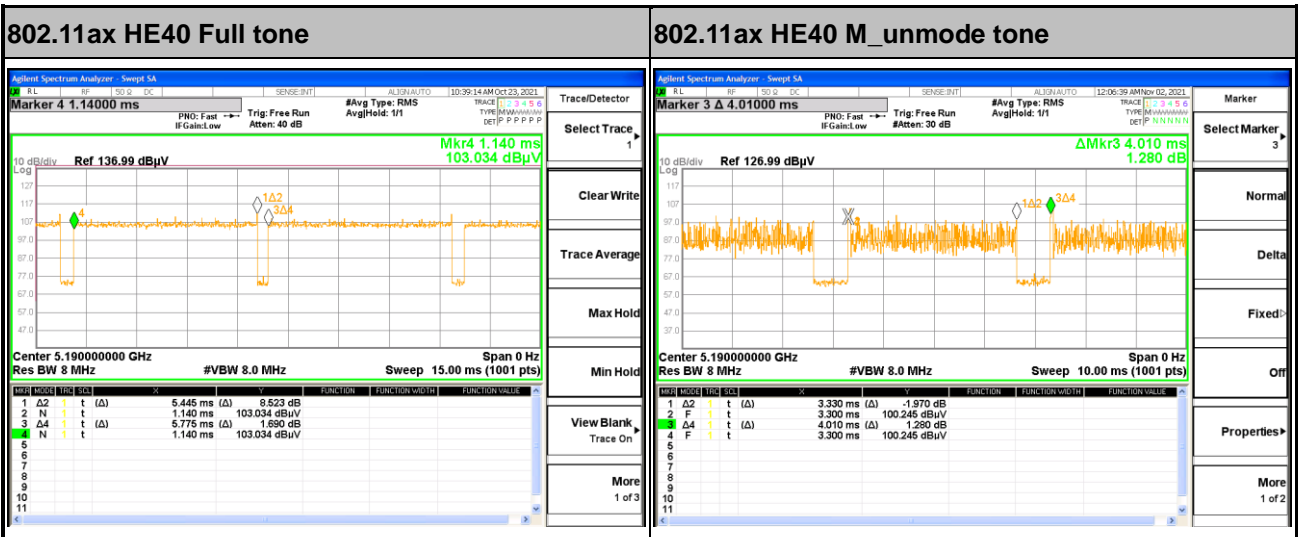
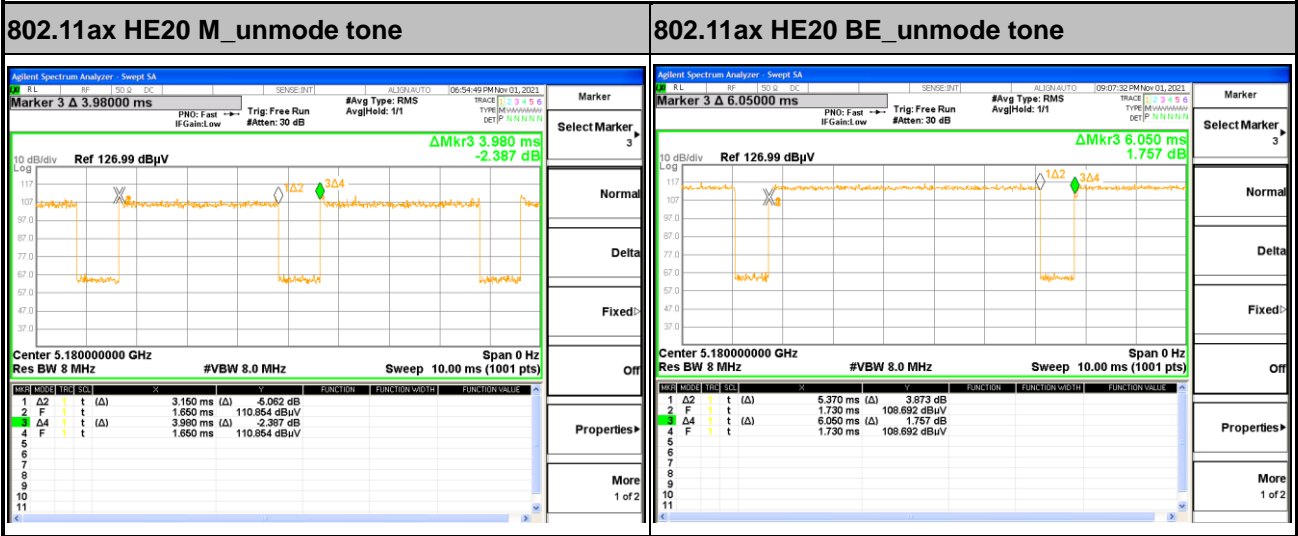
Appendix E. Duty Cycle Plots

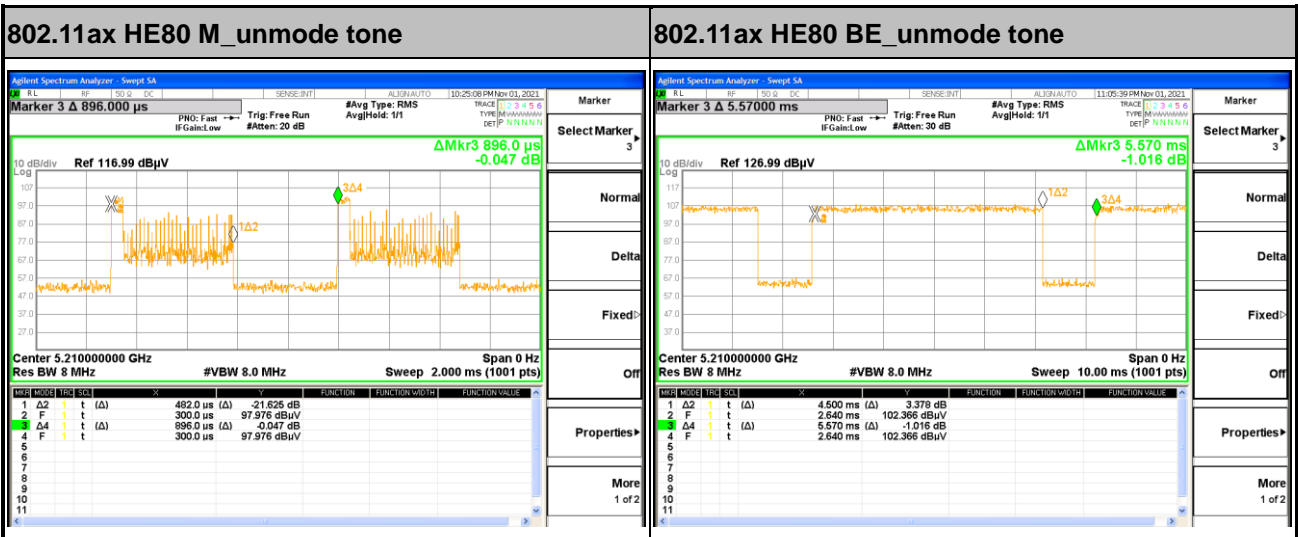
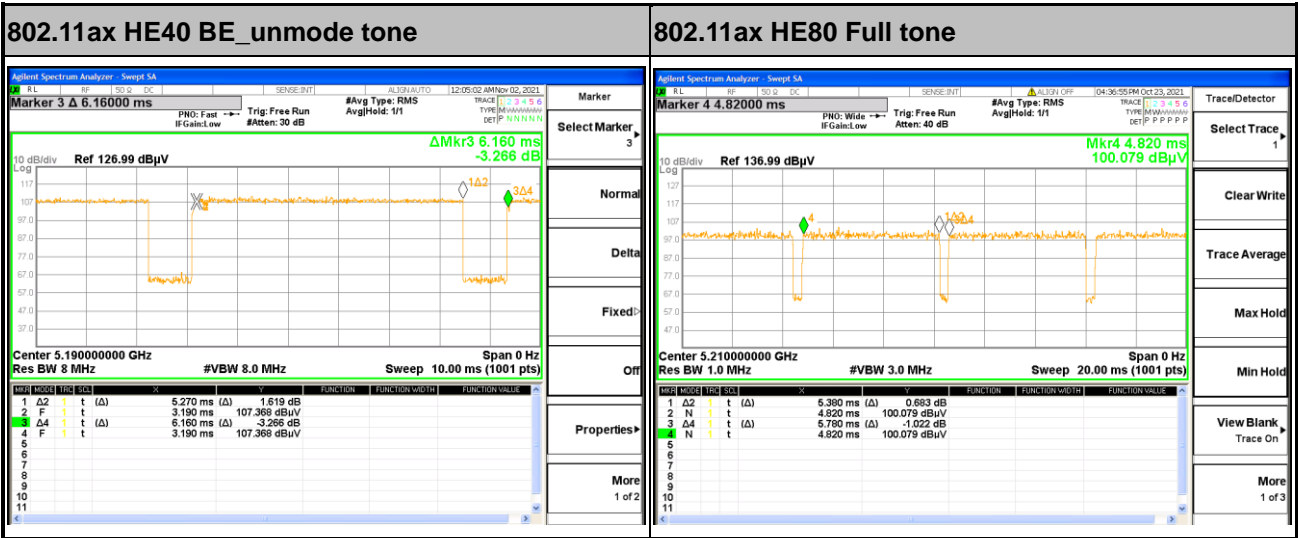
<CDD Mode>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1+2+3+4	5GHz 802.11a	94.96	1980	0.51	1kHz
1+2+3+4	5GHz 802.11ax HE20 Full tone	93.46	5430	0.18	300Hz
1+2+3+4	5GHz 802.11ax HE20 M_unmode tone	79.15	3150	0.32	1kHz
1+2+3+4	5GHz 802.11ax HE20 BE_unmode tone	88.76	5370	0.19	300Hz
1+2+3+4	5GHz 802.11ax HE40 Full tone	94.29	5445	0.18	300Hz
1+2+3+4	5GHz 802.11ax HE40 M_unmode tone	83.04	3330	0.30	1kHz
1+2+3+4	5GHz 802.11ax HE40 BE_unmode tone	85.55	5270	0.19	300Hz
1+2+3+4	5GHz 802.11ax HE80 Full tone	93.08	5380	0.19	300Hz
1+2+3+4	5GHz 802.11ax HE80 M_unmode tone	53.79	482	2.07	3kHz
1+2+3+4	5GHz 802.11ax HE80 BE_unmode tone	80.79	4500	0.22	300Hz

MIMO<Ant. 1+2+3+4>









<TXBF Mode>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1+2+3+4	5GHz 802.11ax HE20 Full tone	92.86	1755	0.57	1kHz
1+2+3+4	5GHz 802.11ax HE40 Full tone	92.00	1656	0.60	1kHz
1+2+3+4	5GHz 802.11ax HE80 Full tone	93.49	1940	0.52	1kHz

MIMO<Ant. 1+2+3+4>

