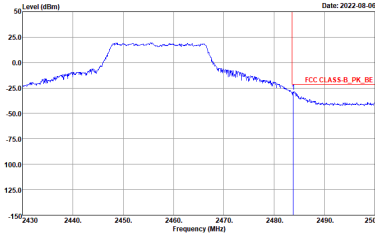
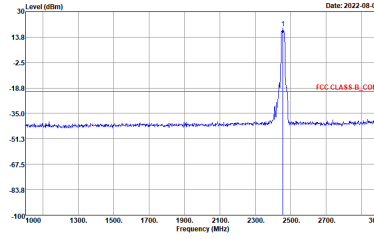
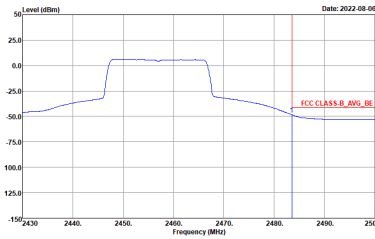
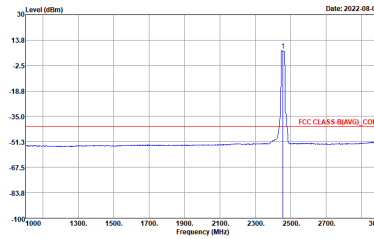
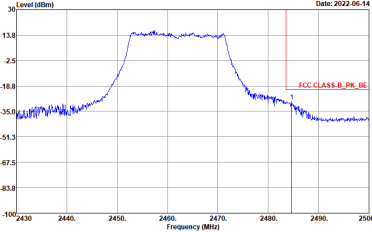
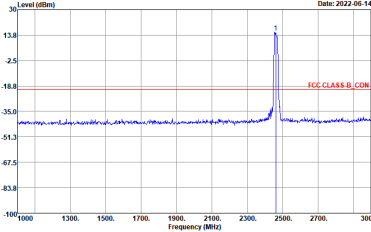
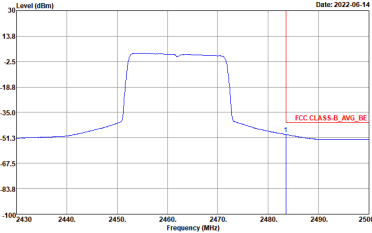
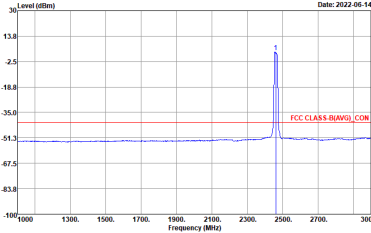


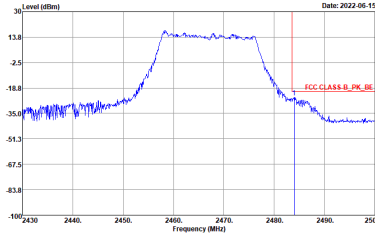
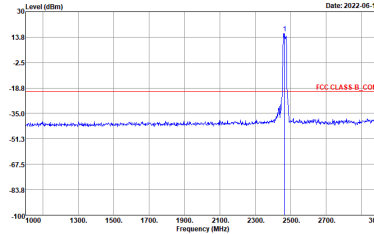
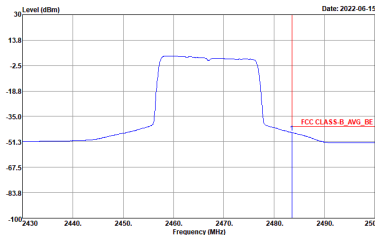
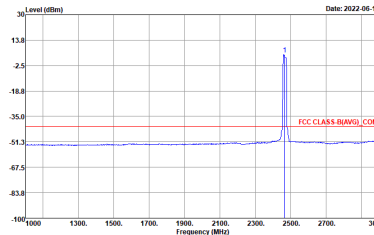


WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE20 Partial 242/61 CH10 2457MHz	
5	CSE	Fundamental
Peak	 <p>Level (dBm) vs Frequency (MHz) plot for CSE Peak. The plot shows a signal level between -25.0 and 25.0 dBm from 2430 to 2500 MHz. A red vertical line at approximately 2483.5 MHz is labeled 'FCC CLASS-B_PK_BE'. The date is 2022-08-06.</p> <p>Site : TH05-HY Condition : FCC CLASS-B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	 <p>Level (dBm) vs Frequency (MHz) plot for Fundamental Peak. The plot shows a sharp peak at 2457 MHz with a level of approximately 13.8 dBm. A red horizontal line at -18.8 dBm is labeled 'FCC CLASS-B_CON'. The date is 2022-08-06.</p> <p>Site : TH05-HY Condition : FCC CLASS-B_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>
Avg.	 <p>Level (dBm) vs Frequency (MHz) plot for CSE Avg. The plot shows a signal level between -50.0 and 25.0 dBm from 2430 to 2500 MHz. A red vertical line at approximately 2483.5 MHz is labeled 'FCC CLASS-B_AVG_BE'. The date is 2022-08-06.</p> <p>Site : TH05-HY Condition : FCC CLASS-B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>	 <p>Level (dBm) vs Frequency (MHz) plot for Fundamental Avg. The plot shows a sharp peak at 2457 MHz with a level of approximately 13.8 dBm. A red horizontal line at -35.0 dBm is labeled 'FCC CLASS-B(AVG)_CON'. The date is 2022-08-06.</p> <p>Site : TH05-HY Condition : FCC CLASS-B(AVG)_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE20 Partial 242/61 CH11 2462MHz	
5	CSE	Fundamental
Peak	 <p>Level (dBm) vs Frequency (MHz) plot for CSE Peak. The plot shows a signal level between 2450 MHz and 2475 MHz, peaking at approximately 13.8 dBm. A red horizontal line indicates the FCC CLASS B, PK_BE limit at -18.8 dBm. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from -100 to 30 dBm.</p> <p>Site : TH05-HY            Condition : FCC CLASS B, PK_BE ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 3000.000kHz</p>	 <p>Level (dBm) vs Frequency (MHz) plot for Fundamental Peak. The plot shows a sharp peak at 2462 MHz with a level of approximately 13.8 dBm. A red horizontal line indicates the FCC CLASS B, CON limit at -18.8 dBm. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from -100 to 30 dBm.</p> <p>Site : TH05-HY            Condition : FCC CLASS B, CON ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 3000.000kHz</p>
Avg.	 <p>Level (dBm) vs Frequency (MHz) plot for CSE Avg. The plot shows a signal level between 2450 MHz and 2475 MHz, peaking at approximately 13.8 dBm. A red horizontal line indicates the FCC CLASS B, AVG_BE limit at -18.8 dBm. The x-axis ranges from 2430 to 2500 MHz, and the y-axis ranges from -100 to 30 dBm.</p> <p>Site : TH05-HY            Condition : FCC CLASS B, AVG_BE ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 0.010kHz</p>	 <p>Level (dBm) vs Frequency (MHz) plot for Fundamental Avg. The plot shows a sharp peak at 2462 MHz with a level of approximately 13.8 dBm. A red horizontal line indicates the FCC CLASS B(AVG), CON limit at -18.8 dBm. The x-axis ranges from 1000 to 3000 MHz, and the y-axis ranges from -100 to 30 dBm.</p> <p>Site : TH05-HY            Condition : FCC CLASS B(AVG), CON ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 0.010kHz</p>



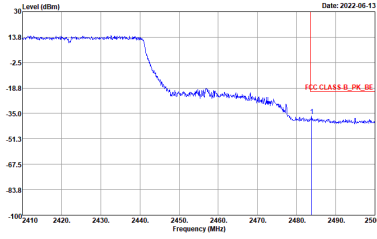
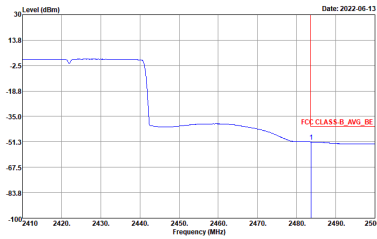
WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE20 Partial 242/61 CH12 2467MHz	
5	CSE	Fundamental
Peak	 <p>Level (dBm) vs Frequency (MHz) plot for CSE Peak. The plot shows a signal level rising from -35.0 dBm at 2430 MHz to a peak of approximately 13.8 dBm between 2460 MHz and 2475 MHz, then falling back to -35.0 dBm by 2480 MHz. A red vertical line is at 2483.5 MHz, and a red horizontal line is at -18.8 dBm. The label 'FCC CLASS B_PK_BE' is present.</p> <p>Site : TH05-HY            Condition : FCC CLASS B_PK_BE ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 3000.000kHz</p>	 <p>Level (dBm) vs Frequency (MHz) plot for Fundamental Peak. The plot shows a sharp peak at 2467 MHz reaching approximately 13.8 dBm. A red horizontal line is at -18.8 dBm. The label 'FCC CLASS B_CON' is present.</p> <p>Site : TH05-HY            Condition : FCC CLASS B_CON ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 3000.000kHz</p>
Avg.	 <p>Level (dBm) vs Frequency (MHz) plot for CSE Avg. The plot shows a smoothed signal level rising from -51.3 dBm at 2430 MHz to a plateau of approximately -2.5 dBm between 2460 MHz and 2475 MHz, then falling back to -51.3 dBm by 2480 MHz. A red vertical line is at 2483.5 MHz, and a red horizontal line is at -18.8 dBm. The label 'FCC CLASS B_AVG_BE' is present.</p> <p>Site : TH05-HY            Condition : FCC CLASS B_AVG_BE ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 0.010kHz</p>	 <p>Level (dBm) vs Frequency (MHz) plot for Fundamental Avg. The plot shows a sharp peak at 2467 MHz reaching approximately 13.8 dBm. A red horizontal line is at -35.0 dBm. The label 'FCC CLASS B_AVG_CON' is present.</p> <p>Site : TH05-HY            Condition : FCC CLASS B_AVG_CON ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 0.010kHz</p>



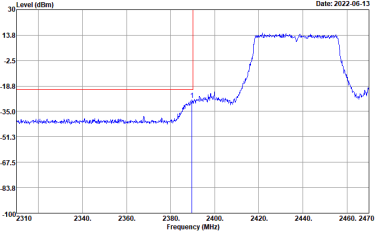
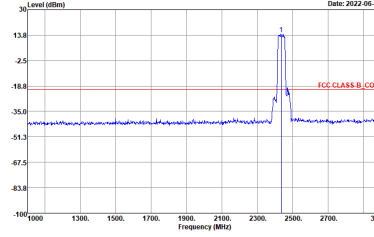
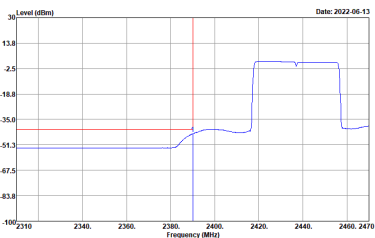
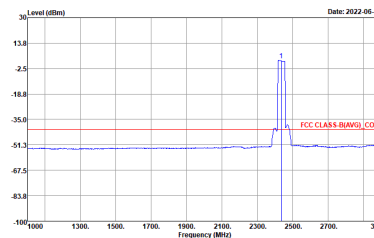
2.4GHz 2400~2483.5MHz  
WIFI 802.11ax HE40 Full (Band Edge)

WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Full CH03 2422MHz - L	
5	<b>CSE</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Site : TH05-HY Condition : FCC CLASS B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	<p>Site : TH05-HY Condition : FCC CLASS B_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>
<b>Avg.</b>	<p>Site : TH05-HY Condition : FCC CLASS B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>	<p>Site : TH05-HY Condition : FCC CLASS B(AVG)_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>

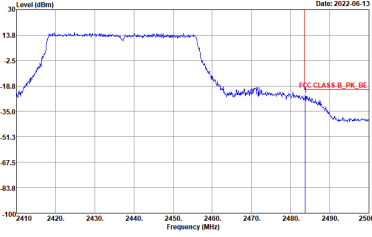
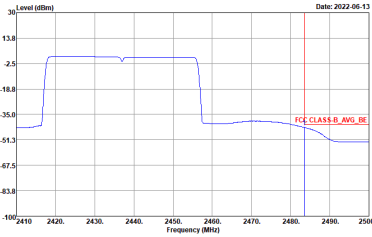


WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Full CH03 2422MHz - R	
5	CSE	Fundamental
Peak	 <p>Site : TH05-HY Condition : FCC CLASS B, PK, BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3000.000kHz</p>	Left blank
Avg.	 <p>Site : TH05-HY Condition : FCC CLASS B, AVG, BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3.019kHz</p>	Left blank

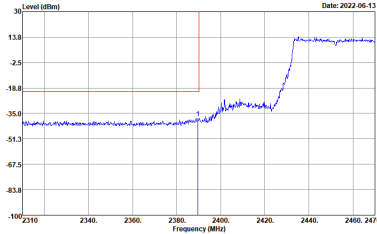
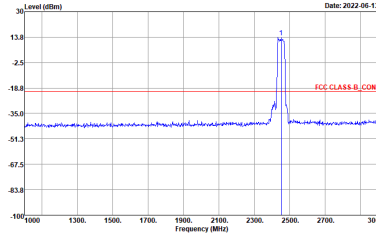
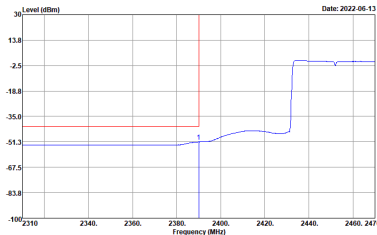
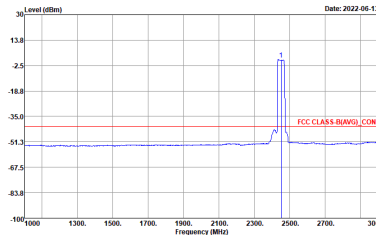


WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Full CH06 2437MHz - L	
5	CSE	Fundamental
Peak	 <p>Level (dBm) vs Frequency (MHz) plot for CSE. The y-axis ranges from -100 to 30 dBm, and the x-axis ranges from 2310 to 2470 MHz. A red horizontal line is at -18.8 dBm. A blue trace shows a signal rising from -51.3 dBm at 2380 MHz to -2.5 dBm at 2437 MHz, then falling back to -18.8 dBm. A vertical red line is at 2437 MHz.</p> <p>Site : TH05-HY            Condition : FCC CLASS-B_PK_BE ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 3000.000kHz</p>	 <p>Level (dBm) vs Frequency (MHz) plot for Fundamental. The y-axis ranges from -100 to 30 dBm, and the x-axis ranges from 1000 to 3000 MHz. A red horizontal line is at -18.8 dBm. A blue trace shows a sharp peak at 2437 MHz reaching approximately 13.8 dBm. A vertical red line is at 2437 MHz.</p> <p>Site : TH05-HY            Condition : FCC CLASS-B_CON ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 3000.000kHz</p>
Avg.	 <p>Level (dBm) vs Frequency (MHz) plot for CSE (Average). The y-axis ranges from -100 to 30 dBm, and the x-axis ranges from 2310 to 2470 MHz. A red horizontal line is at -18.8 dBm. A blue trace shows a signal rising from -51.3 dBm at 2380 MHz to -2.5 dBm at 2437 MHz, then falling back to -18.8 dBm. A vertical red line is at 2437 MHz.</p> <p>Site : TH05-HY            Condition : FCC CLASS-B_AVG_BE ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 0.010kHz</p>	 <p>Level (dBm) vs Frequency (MHz) plot for Fundamental (Average). The y-axis ranges from -100 to 30 dBm, and the x-axis ranges from 1000 to 3000 MHz. A red horizontal line is at -18.8 dBm. A blue trace shows a sharp peak at 2437 MHz reaching approximately 13.8 dBm. A vertical red line is at 2437 MHz.</p> <p>Site : TH05-HY            Condition : FCC CLASS-B(AVG)_CON ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VBW: 0.010kHz</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Full CH06 2437MHz - R	
5	CSE	Fundamental
Peak	 <p>Site : TH05-HY Condition : FCC CLASS B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3000.000kHz</p>	Left blank
Avg.	 <p>Site : TH05-HY Condition : FCC CLASS B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3.010kHz</p>	Left blank



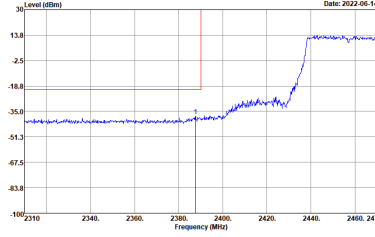
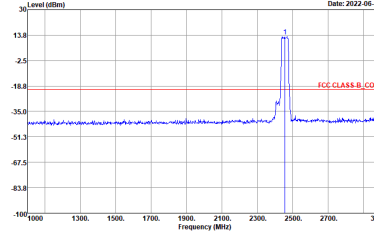
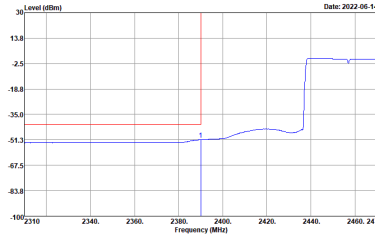
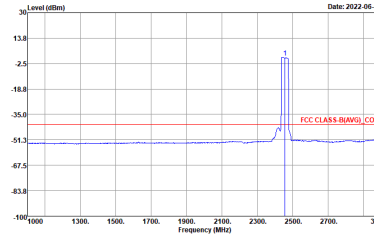
WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Full CH09 2452MHz - L	
5	CSE	Fundamental
Peak	 <p>Date: 2022-06-13</p> <p>Site Condition : THIS-HY : FCC CLASS-B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	 <p>Date: 2022-06-13</p> <p>Site Condition : THIS-HY : FCC CLASS-B_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>
Avg.	 <p>Date: 2022-06-13</p> <p>Site Condition : THIS-HY : FCC CLASS-B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>	 <p>Date: 2022-06-13</p> <p>Site Condition : THIS-HY : FCC CLASS-B(AVG)_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>





WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Full CH09 2452MHz - R	
5	CSE	Fundamental
Peak	<p>Site : TH05-HY Condition : FCC CLASS B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3000.000kHz</p>	Left blank
Avg.	<p>Site : TH05-HY Condition : FCC CLASS B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3.019kHz</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Full CH10 2457MHz - L	
5	CSE	Fundamental
Peak	 <p>Date: 2022-06-14</p> <p>Site Condition : TH05-HY : FCC CLASS-B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	 <p>Date: 2022-06-14</p> <p>Site Condition : TH05-HY : FCC CLASS-B_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>
Avg.	 <p>Date: 2022-06-14</p> <p>Site Condition : TH05-HY : FCC CLASS-B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>	 <p>Date: 2022-06-14</p> <p>Site Condition : TH05-HY : FCC CLASS-B(AVG)_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>

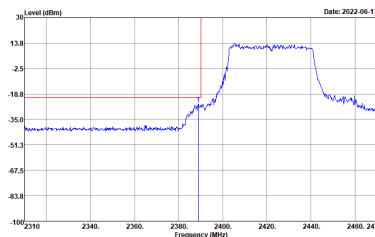
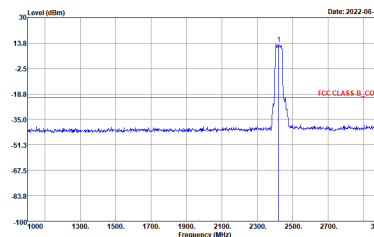
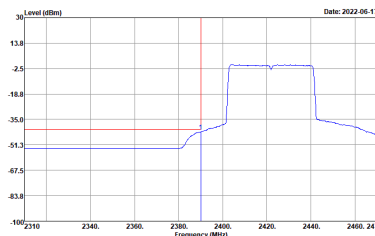
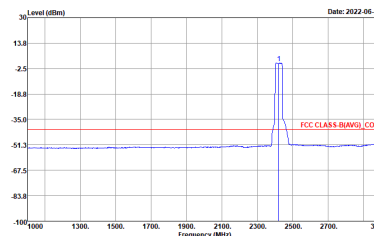


WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Full CH10 2457MHz - R	
5	CSE	Fundamental
Peak	<p>Site : TH05-HY            Condition : FCC CLASS B_PK_BE ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VSW: 3000.000kHz</p>	Left blank
Avg.	<p>Site : TH05-HY            Condition : FCC CLASS B_AVG_BE ANT GAIN+6.54 HORIZONTAL            : RBW: 1000.000kHz VSW: 3.019kHz</p>	Left blank

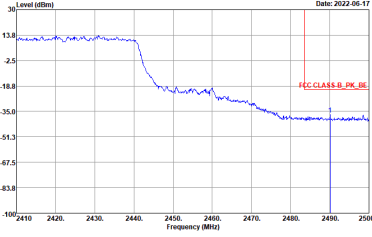
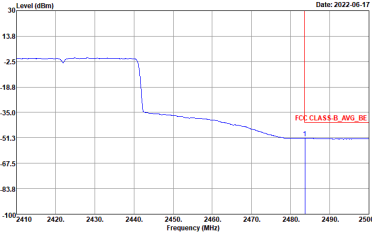


2.4GHz 2400~2483.5MHz

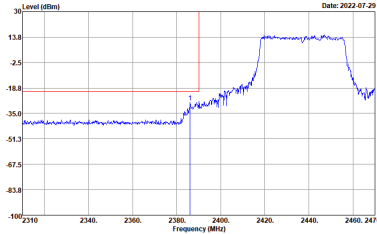
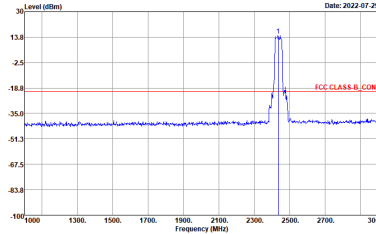
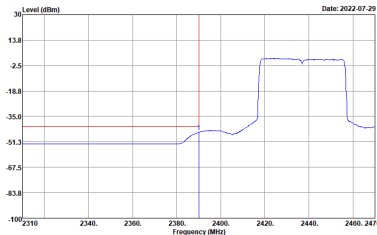
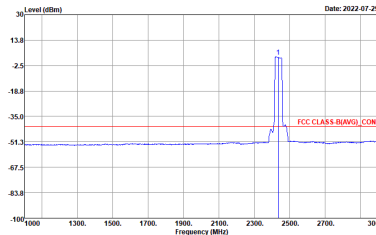
WIFI 802.11ax HE40 Partial 484 (Band Edge)

WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Partial 484/65 CH03 2422MHz - L	
5	CSE	Fundamental
Peak	 <p>Date: 2022-06-17</p> <p>Site Condition : TH05-HY : FCC CLASS-B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	 <p>Date: 2022-06-17</p> <p>Site Condition : TH05-HY : FCC CLASS-B_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>
Avg.	 <p>Date: 2022-06-17</p> <p>Site Condition : TH05-HY : FCC CLASS-B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>	 <p>Date: 2022-06-17</p> <p>Site Condition : TH05-HY : FCC CLASS-B(AVG)_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>

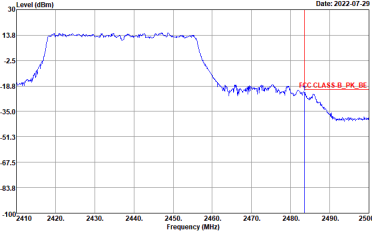
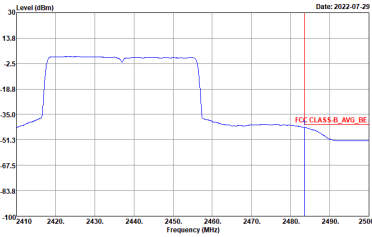


WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Partial 484/65 CH03 2422MHz - R	
5	CSE	Fundamental
Peak	 <p>Site : TH05-HY Condition : FCC CLASS B, PK, BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3000.000kHz</p>	Left blank
Avg.	 <p>Site : TH05-HY Condition : FCC CLASS B, AVG, BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3.019kHz</p>	Left blank

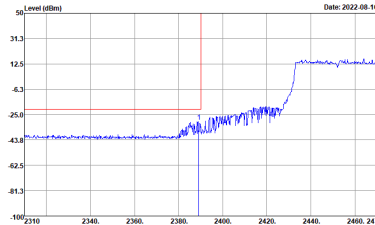
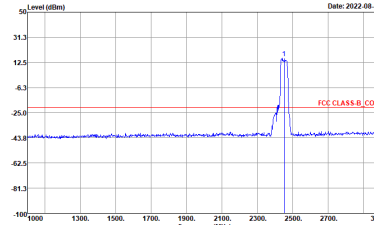
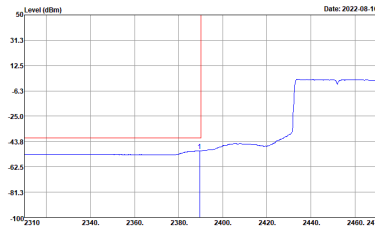
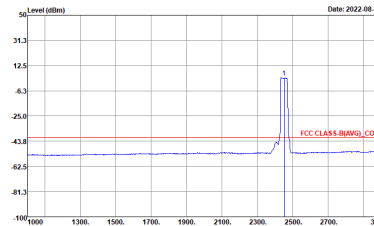


WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Partial 484/65 CH06 2437MHz - L	
5	CSE	Fundamental
Peak	 <p>Date: 2022-07-29</p> <p>Site Condition : THIS-HY : FCC CLASS-B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	 <p>Date: 2022-07-29</p> <p>Site Condition : THIS-HY : FCC CLASS-B_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>
Avg.	 <p>Date: 2022-07-29</p> <p>Site Condition : THIS-HY : FCC CLASS-B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>	 <p>Date: 2022-07-29</p> <p>Site Condition : THIS-HY : FCC CLASS-B(AVG)_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Partial 484/65 CH06 2437MHz - R	
5	CSE	Fundamental
Peak	 <p>Site : TH05-HY Condition : FCC CLASS B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3000.000kHz</p>	Left blank
Avg.	 <p>Site : TH05-HY Condition : FCC CLASS B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3.016kHz</p>	Left blank



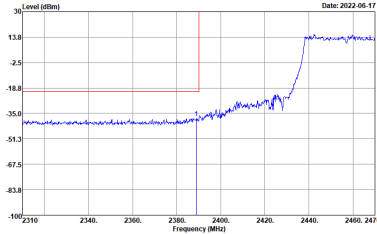
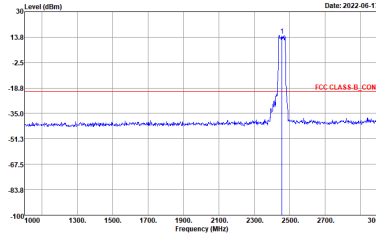
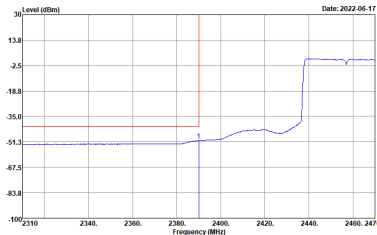
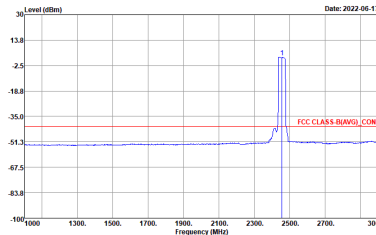
WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Partial 484/65 CH09 2452MHz - L	
5	CSE	Fundamental
Peak	 <p>Date: 2022-08-16</p> <p>Site : TH05-HY Condition : FCC CLASS-B_PN_BE ANT GAIN+5.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3000.000kHz</p>	 <p>Date: 2022-08-16</p> <p>Site : TH05-HY Condition : FCC CLASS-B_CON ANT GAIN+5.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3000.000kHz</p>
Avg.	 <p>Date: 2022-08-16</p> <p>Site : TH05-HY Condition : FCC CLASS-B_AVG_BE ANT GAIN+5.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 0.010kHz</p>	 <p>Date: 2022-08-16</p> <p>Site : TH05-HY Condition : FCC CLASS-B_AVG_CON ANT GAIN+5.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 0.010kHz</p>





WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Partial 484/65 CH09 2452MHz - R	
5	CSE	Fundamental
Peak	<p>Site : TH05-HY Condition : FCC CLASS-B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW:1000.000kHz VSW:3.000kHz</p>	Left blank
Avg.	<p>Site : TH05-HY Condition : FCC CLASS-B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW:1000.000kHz VSW:3.010kHz</p>	Left blank

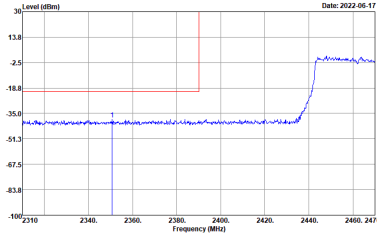
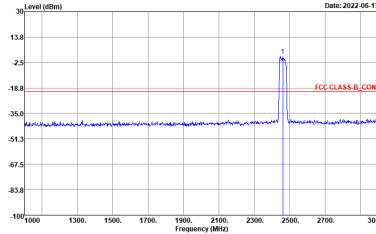
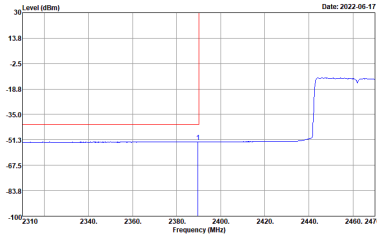
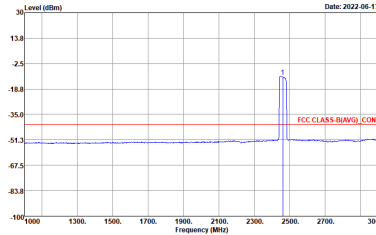


WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Partial 484/65 CH10 2457MHz - L	
5	CSE	Fundamental
Peak	 <p>Date: 2022-06-17</p> <p>Site Condition : TH05-HY : FCC CLASS-B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	 <p>Date: 2022-06-17</p> <p>Site Condition : TH05-HY : FCC CLASS-B_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>
Avg.	 <p>Date: 2022-06-17</p> <p>Site Condition : TH05-HY : FCC CLASS-B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>	 <p>Date: 2022-06-17</p> <p>Site Condition : TH05-HY : FCC CLASS-B(AVG)_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>

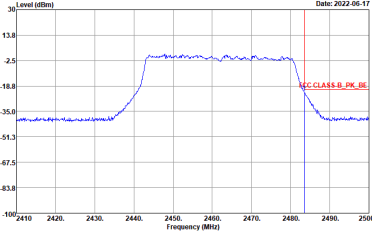
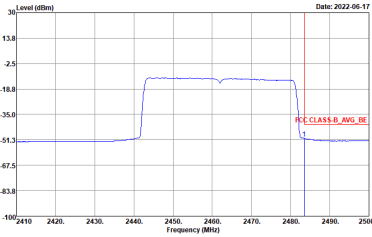


WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Partial 484/65 CH10 2457MHz - R	
5	CSE	Fundamental
Peak	<p>Level (dBm)</p> <p>Date: 2022-06-17</p> <p>Site : TH05-HY Condition : FCC CLASS B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3000.000kHz</p>	Left blank
Avg.	<p>Level (dBm)</p> <p>Date: 2022-06-17</p> <p>Site : TH05-HY Condition : FCC CLASS B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3.019kHz</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Partial 484/65 CH11 2462MHz - L	
5	CSE	Fundamental
Peak	 <p>Date: 2022-06-17</p> <p>Site Condition : THIS-HY : FCC CLASS-B_PK_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	 <p>Date: 2022-06-17</p> <p>Site Condition : THIS-HY : FCC CLASS-B_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>
Avg.	 <p>Date: 2022-06-17</p> <p>Site Condition : THIS-HY : FCC CLASS-B_AVG_BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>	 <p>Date: 2022-06-17</p> <p>Site Condition : THIS-HY : FCC CLASS-B(AVG)_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 0.010kHz</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge	
ANT	802.11ax HE40 Partial 484/65 CH11 2462MHz - R	
5	CSE	Fundamental
Peak	 <p>Site : TH05-HY Condition : FCC CLASS B, PK, BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3000.000kHz</p>	Left blank
Avg.	 <p>Site : TH05-HY Condition : FCC CLASS B, AVG, BE ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VIEW: 3.019kHz</p>	Left blank



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic)

WIFI	2.4GHz 2400~2483.5MHz Harmonic	
ANT	802.11b	
5	CH01 2412MHz	CH06 2437MHz
<p><b>Peak</b></p> <p><b>Avg.</b></p>	<p>Date: 2022-06-17</p> <p>Site : THIS HY Condition : FCC CLASS-B_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	<p>Date: 2022-06-17</p> <p>Site : THIS HY Condition : FCC CLASS-B_CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic	
ANT	802.11b	
5	CH11 2462MHz	-
Peak Avg.	<p>Site : TING-HY Condition : FCC CLASS B_CON ANT GAIN+5.4 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	Left blank



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic)

WIFI	2.4GHz 2400~2483.5MHz Harmonic	
ANT	802.11g	
5	CH01 2412MHz	CH06 2437MHz
Peak Avg.	<p>Site : THIS-RT Condition : FCC CLASS-B_CON ANT GAIN+5.54 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz</p>	<p>Site : THIS-RT Condition : FCC CLASS-B_CON ANT GAIN+5.54 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz</p>





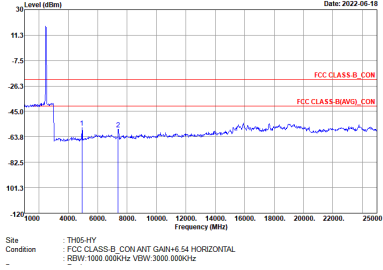
WIFI	2.4GHz 2400~2483.5MHz Harmonic	
ANT	802.11g	
5	CH11 2462MHz	-
Peak Avg.	<p>Site : TING-HY Condition : FCC CLASS B_CON ANT GAIN+54 HORIZONTAL - : RBW: 1000.000kHz VBW: 3000.000kHz</p>	Left blank



2.4GHz 2400~2483.5MHz  
WIFI 802.11ax HE20 Full (Harmonic)

WIFI	2.4GHz 2400~2483.5MHz Harmonic	
ANT	802.11ax HE20 Full	
5	CH01 2412MHz	CH06 2437MHz
Peak Avg.	<p>Site : TH05-HY Condition : FCC CLASS B_CON ANT GAIN+6.54 HORIZONTAL SRW: 1000.0000Hz VSW: 3000.0000Hz</p>	<p>Site : TH05-HY Condition : FCC CLASS B_CON ANT GAIN+6.54 HORIZONTAL SRW: 1000.0000Hz VSW: 3000.0000Hz</p>



<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Harmonic</b>	
<b>ANT</b>	<b>802.11ax HE20 Full</b>	
<b>5</b>	<b>CH11 2462MHz</b>	<b>-</b>
<b>Peak Avg.</b>		<b>Left blank</b>



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic)

WIFI	2.4GHz 2400~2483.5MHz Harmonic	
ANT	802.11ax HE20 Partial 26	
5	Partial 26/0 CH01 2412MHz	Partial 26/4 CH06 2437MHz
Peak Avg.	<p>Date: 2022-06-18</p> <p>Site : TH05-HY Condition : FCC CLASS-B_CON ANT GAIN=6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	<p>Date: 2022-08-12</p> <p>Site : TH05-HY Condition : FCC CLASS-B_CON ANT GAIN=6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>

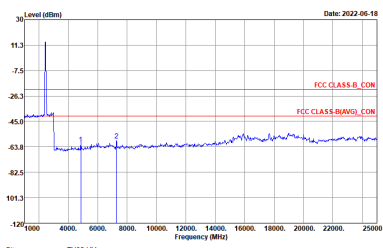
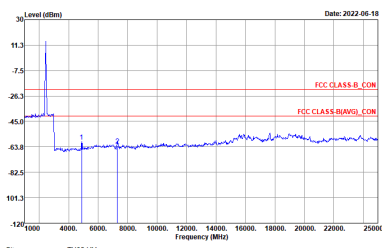


WIFI	2.4GHz 2400~2483.5MHz Harmonic	
ANT	802.11ax HE20 Partial 26	
5	Partial 26/8 CH11 2462MHz	-
Peak Avg.	<p>The spectrum plot displays the signal level in dBm across a frequency range from 4000 to 2500 MHz. The y-axis ranges from -120 to 11.3 dBm. Two horizontal red lines indicate the FCC Class B limits: the upper line is at -7.5 dBm (labeled 'FCC CLASS B_CON') and the lower line is at -26.3 dBm (labeled 'FCC CLASS B_AVG_CON'). The signal level is consistently below the -26.3 dBm limit, with a noise floor around -45 dBm. A small peak is visible at approximately 4200 MHz. The plot title is 'Partial 26/8 CH11 2462MHz' and the date is '2022-08-12'. Test conditions include: TH05-HY, FCC CLASS B, CON ANT GAIN+6.54 HORIZONTAL, RBW: 1000.000kHz, VBW: 3000.000kHz.</p>	Left blank



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Full (Harmonic)

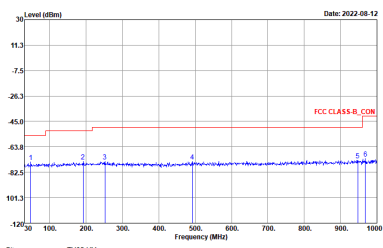
WIFI	2.4GHz 2400~2483.5MHz Harmonic	
ANT	802.11ax HE40 Full	
5	CH03 2422MHz	CH06 2437MHz
<p>Peak Avg.</p>	 <p>Date: 2022-06-18</p> <p>Site : TH05-HY Condition : FCC CLASS B_CON ANT GAIN+6.54 HORIZONTAL : SRW: 1000.0000Hz VIEW: 3000.0000Hz</p>	 <p>Date: 2022-06-18</p> <p>Site : TH05-HY Condition : FCC CLASS B_CON ANT GAIN+6.54 HORIZONTAL : SRW: 1000.0000Hz VIEW: 3000.0000Hz</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic	
ANT	802.11ax HE40 Full	
5	CH09 2452MHz	-
Peak Avg.	<p>The spectrum plot displays the signal level in dBm across a frequency range from 4000 to 2500 MHz. The y-axis ranges from -120 to 30 dBm. Two horizontal red lines indicate the FCC Class B limits: -75 dBm (CON) and -26.3 dBm (BWAQ). The signal level is consistently below these limits, with a noise floor around -45 dBm. A small peak is visible at approximately 4500 MHz.</p> <p>Site : TH05-HY Condition : FCC CLASS B, CON ANT GAIN+6.54 HORIZONTAL : RBW: 1000.000kHz VBW: 3000.000kHz</p>	Left blank



Emission below 1GHz  
WIFI 802.11ax HE40 Partial 484 (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11ax HE40 Partial 484/65	
5	LF	-
QP / Peak	 <p>Site : TH05-HY Condition : FCC CLASS B, CON ANT GAIN+6.54 HORIZONTAL : SRW : 120.0000Hz VIEW 300.0000Hz</p>	Left blank





## Appendix D. Cabinet Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11b CH 01 2412MHz		2386.125	50.81	-23.19	74	43.74	27.34	16.56	36.83	100	58	P	H	
		2386.86	40.15	-13.85	54	33.07	27.35	16.56	36.83	100	58	A	H	
	*	2412	80.91	-	-	73.71	27.42	16.6	36.82	100	58	P	H	
	*	2412	77.65	-	-	70.45	27.42	16.6	36.82	100	58	A	H	
													H	
														H
			2319.45	50.71	-23.29	74	44.04	27.08	16.45	36.86	400	24	P	V
			2389.275	40.09	-13.91	54	33	27.36	16.56	36.83	400	24	A	V
	*		2412	75.98	-	-	68.78	27.42	16.6	36.82	400	24	P	V
	*		2412	72.65	-	-	65.45	27.42	16.6	36.82	400	24	A	V
														V
														V
802.11b CH 06 2437MHz		2362.32	50.55	-23.45	74	43.62	27.25	16.52	36.84	100	56	P	H	
		2389.04	40.11	-13.89	54	33.02	27.36	16.56	36.83	100	56	A	H	
	*	2437	84.51	-	-	77.21	27.47	16.64	36.81	100	56	P	H	
	*	2437	81.33	-	-	74.03	27.47	16.64	36.81	100	56	A	H	
			2494.51	51.38	-22.62	74	43.75	27.68	16.73	36.78	100	56	P	H
			2488.39	40.55	-13.45	54	32.97	27.65	16.72	36.79	100	56	A	H
			2345.84	50.61	-23.39	74	43.79	27.18	16.49	36.85	400	22	P	V
			2388.24	40.09	-13.91	54	33.01	27.35	16.56	36.83	400	22	A	V
	*		2437	80.39	-	-	73.09	27.47	16.64	36.81	400	22	P	V
	*		2437	77.15	-	-	69.85	27.47	16.64	36.81	400	22	A	V
			2484.97	50.91	-23.09	74	43.35	27.64	16.71	36.79	400	22	P	V
			2498.92	40.52	-13.48	54	32.87	27.7	16.73	36.78	400	22	A	V



<b>802.11b</b> <b>CH 11</b> <b>2462MHz</b>	*	2462	84.67	-	-	77.24	27.55	16.68	36.8	100	60	P	H
	*	2462	81.42	-	-	73.99	27.55	16.68	36.8	100	60	A	H
		2498	51.97	-22.03	74	44.33	27.69	16.73	36.78	100	60	P	H
		2487.84	40.55	-13.45	54	32.97	27.65	16.72	36.79	100	60	A	H
													H
													H
	*	2462	81.25	-	-	73.82	27.55	16.68	36.8	400	23	P	V
	*	2462	77.99	-	-	70.56	27.55	16.68	36.8	400	23	A	V
		2490.8	52.63	-21.37	74	45.03	27.66	16.72	36.78	400	23	P	V
		2488.3	40.57	-13.43	54	32.99	27.65	16.72	36.79	400	23	A	V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11b CH 01 2412MHz		4824	38.3	-35.7	74	54.66	32.35	10.15	58.86	-	-	P	H	
		10725	48.04	-25.96	74	55.47	38.85	14.62	60.9	-	-	P	H	
		10725	38.26	-15.74	54	45.69	38.85	14.62	60.9	-	-	A	H	
		14475	48.69	-25.31	74	54.49	40.53	16.85	63.18	-	-	P	H	
		14475	39.91	-14.09	54	45.71	40.53	16.85	63.18	-	-	A	H	
		18000	52.41	-21.59	74	47.6	43.1	18.95	57.24	-	-	P	H	
		18000	42.63	-11.37	54	37.82	43.1	18.95	57.24	-	-	A	H	
														H
														H
														H
														H
														H
			4824	39.1	-34.9	74	55.46	32.35	10.15	58.86	-	-	P	V
			10875	47.67	-26.33	74	55.08	38.78	14.69	60.88	-	-	P	V
			10875	37.89	-16.11	54	45.3	38.78	14.69	60.88	-	-	A	V
			14475	48.39	-25.61	74	54.19	40.53	16.85	63.18	-	-	P	V
			14475	39.61	-14.39	54	45.41	40.53	16.85	63.18	-	-	A	V
			17985	52.18	-21.82	74	47.54	42.97	18.94	57.27	-	-	P	V
		17985	42.4	-11.6	54	37.76	42.97	18.94	57.27	-	-	A	V	
													V	
													V	
													V	
													V	
													V	



WIFI Ant. 5+4	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11b CH 06 2437MHz		4874	39.21	-34.79	74	55.41	32.5	10.2	58.9	-	-	P	H	
		7311	43.69	-30.31	74	53.14	36.56	12.42	58.43	-	-	P	H	
		11085	48.44	-25.56	74	55.9	38.6	14.8	60.86	-	-	P	H	
		11085	38.66	-15.34	54	46.12	38.6	14.8	60.86	-	-	A	H	
		14475	48.21	-25.79	74	54.01	40.53	16.85	63.18	-	-	P	H	
		14475	39.43	-14.57	54	45.23	40.53	16.85	63.18	-	-	A	H	
		18000	51.71	-22.29	74	46.9	43.1	18.95	57.24	-	-	P	H	
		18000	41.93	-12.07	54	37.12	43.1	18.95	57.24	-	-	A	H	
														H
														H
														H
														H
			4874	39.84	-34.16	74	56.04	32.5	10.2	58.9	-	-	P	V
			7311	42.92	-31.08	74	52.37	36.56	12.42	58.43	-	-	P	V
			10635	48.09	-25.91	74	55.63	38.8	14.57	60.91	-	-	P	V
			10635	38.31	-15.69	54	45.85	38.8	14.57	60.91	-	-	A	V
			14505	48.09	-25.91	74	53.9	40.49	16.87	63.17	-	-	P	V
			14505	39.31	-14.69	54	45.12	40.49	16.87	63.17	-	-	A	V
			18000	52.29	-21.71	74	47.48	43.1	18.95	57.24	-	-	P	V
			18000	42.51	-11.49	54	37.7	43.1	18.95	57.24	-	-	A	V
													V	
													V	
													V	
													V	



WiFi Ant. 5+4	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11b CH 11 2462MHz		4924	42.92	-31.08	74	58.92	32.7	10.25	58.95	-	-	P	H	
		7386	43.37	-30.63	74	53.04	36.18	12.44	58.29	-	-	P	H	
		11040	47.75	-26.25	74	55.23	38.6	14.78	60.86	-	-	P	H	
		11040	37.97	-16.03	54	45.45	38.6	14.78	60.86	-	-	A	H	
		14475	48.64	-25.36	74	54.44	40.53	16.85	63.18	-	-	P	H	
		14475	39.86	-14.14	54	45.66	40.53	16.85	63.18	-	-	A	H	
		18000	51.17	-22.83	74	46.36	43.1	18.95	57.24	-	-	P	H	
		18000	41.39	-12.61	54	36.58	43.1	18.95	57.24	-	-	A	H	
														H
														H
														H
														H
			4924	41.23	-32.77	74	57.23	32.7	10.25	58.95	-	-	P	V
			7386	43.68	-30.32	74	53.35	36.18	12.44	58.29	-	-	P	V
			11385	48.15	-25.85	74	55	39.07	14.95	60.87	-	-	P	V
			11385	38.37	-15.63	54	45.22	39.07	14.95	60.87	-	-	A	V
			14475	48.23	-25.77	74	54.03	40.53	16.85	63.18	-	-	P	V
			14475	39.45	-14.55	54	45.25	40.53	16.85	63.18	-	-	A	V
			17955	52.03	-21.97	74	47.76	42.69	18.92	57.34	-	-	P	V
			17955	42.25	-11.75	54	37.98	42.69	18.92	57.34	-	-	A	V
													V	
													V	
													V	
													V	
<b>Remark</b>	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against Peak and Average limit line.</li> <li>The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.</li> <li>The emission level close to 18GHz is checked that the average emission level is noise floor only.</li> </ol>													



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4874	39.75	-34.25	74	55.95	32.5	10.2	58.9	-	-	P	H
		7311	42.78	-31.22	74	52.23	36.56	12.42	58.43	-	-	P	H
		11340	48.15	-25.85	74	55.11	38.98	14.93	60.87	-	-	P	H
		11340	38.37	-15.63	54	45.33	38.98	14.93	60.87	-	-	A	H
		14505	48.78	-25.22	74	54.59	40.49	16.87	63.17	-	-	P	H
		14505	40	-14	54	45.81	40.49	16.87	63.17	-	-	A	H
		18000	52.11	-21.89	74	47.3	43.1	18.95	57.24	-	-	P	H
		18000	42.33	-11.67	54	37.52	43.1	18.95	57.24	-	-	A	H
													H
													H
													H
													H
802.11g CH 06 2437MHz		4874	38.54	-35.46	74	54.74	32.5	10.2	58.9	-	-	P	V
		7311	43.03	-30.97	74	52.48	36.56	12.42	58.43	-	-	P	V
		10815	48.09	-25.91	74	55.36	38.96	14.66	60.89	-	-	P	V
		10815	38.31	-15.69	54	45.58	38.96	14.66	60.89	-	-	A	V
		14490	48.79	-25.21	74	54.59	40.51	16.86	63.17	-	-	P	V
		14490	40.01	-13.99	54	45.81	40.51	16.86	63.17	-	-	A	V
		18000	52.49	-21.51	74	47.68	43.1	18.95	57.24	-	-	P	V
		18000	42.71	-11.29	54	37.9	43.1	18.95	57.24	-	-	A	V
													V
													V
													V
													V

**Remark**

- No other spurious found.
- All results are PASS against Peak and Average limit line.
- The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
- The emission level close to 18GHz is checked that the average emission level is noise floor only.



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4874	39.05	-34.95	74	54.93	32.5	10.2	58.58	-	-	P	H
		7311	44.35	-29.65	74	53.45	36.56	12.42	58.08	-	-	P	H
		10605	47.74	-26.26	74	55.18	38.8	14.56	60.8	-	-	P	H
		10605	38.95	-15.05	54	46.39	38.8	14.56	60.8	-	-	A	H
		14490	48.01	-25.99	74	54.12	40.51	16.86	63.48	-	-	P	H
		14490	39.22	-14.78	54	45.33	40.51	16.86	63.48	-	-	A	H
		17970	51.67	-22.33	74	47.12	42.83	18.93	57.21	-	-	P	H
		17970	42.88	-11.12	54	38.33	42.83	18.93	57.21	-	-	A	H
													H
													H
802.11ax													H
HE20 Full													H
CH 06													
2437MHz		4874	38.85	-35.15	74	54.73	32.5	10.2	58.58	-	-	P	V
		7311	42.69	-31.31	74	51.79	36.56	12.42	58.08	-	-	P	V
		10800	47.87	-26.13	74	55.14	39	14.65	60.92	-	-	P	V
		10800	39.08	-14.92	54	46.35	39	14.65	60.92	-	-	A	V
		14490	48.46	-25.54	74	54.57	40.51	16.86	63.48	-	-	P	V
		14490	39.67	-14.33	54	45.78	40.51	16.86	63.48	-	-	A	V
		17940	51.59	-22.41	74	47.37	42.56	18.91	57.25	-	-	P	V
		17940	42.8	-11.2	54	38.58	42.56	18.91	57.25	-	-	A	V
													V
													V
													V
													V

**Remark**

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.
3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
4. The emission level close to 18GHz is checked that the average emission level is noise floor only.



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 5+4	Note	Frequency ( MHz )	Level ( dBμV/m )	Margin ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
		4874	38.92	-35.08	74	54.8	32.5	10.2	58.58	-	-	P	H
		7311	43.09	-30.91	74	52.19	36.56	12.42	58.08	-	-	P	H
		11505	48.16	-25.84	74	55.13	38.79	15	60.76	-	-	P	H
		11505	39.37	-14.63	54	46.34	38.79	15	60.76	-	-	A	H
		14490	48.64	-25.36	74	54.75	40.51	16.86	63.48	-	-	P	H
		14490	39.85	-14.15	54	45.96	40.51	16.86	63.48	-	-	A	H
		18000	51.72	-22.28	74	46.84	43.1	18.95	57.17	-	-	P	H
		18000	42.93	-11.07	54	38.05	43.1	18.95	57.17	-	-	A	H
													H
													H
802.11ax													H
HE40 Full													H
CH 06		4874	39.26	-34.74	74	55.14	32.5	10.2	58.58	-	-	P	V
2437MHz		7311	43.61	-30.39	74	52.71	36.56	12.42	58.08	-	-	P	V
		10740	47.98	-26.02	74	55.36	38.88	14.62	60.88	-	-	P	V
		10740	39.19	-14.81	54	46.57	38.88	14.62	60.88	-	-	A	V
		14475	48.9	-25.1	74	54.98	40.53	16.85	63.46	-	-	P	V
		14475	40.11	-13.89	54	46.19	40.53	16.85	63.46	-	-	A	V
		18000	51.82	-22.18	74	46.94	43.1	18.95	57.17	-	-	P	V
		18000	43.03	-10.97	54	38.15	43.1	18.95	57.17	-	-	A	V
													V
													V
													V
													V

**Remark**

- No other spurious found.
- All results are PASS against Peak and Average limit line.
- The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.
- The emission level close to 18GHz is checked that the average emission level is noise floor only.





Emission above 18GHz

2.4GHz WIFI 802.11b (SHF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
2.4GHz 802.11b SHF		24896	41.23	-32.77	74	57.26	39.12	-2.17	52.98	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
			21448	42.23	-31.77	74	61.53	38	-2.6	54.7	-	-	P
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Emission below 1GHz

2.4GHz WIFI 802.11b (LF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)	
2.4GHz 802.11b LF		30.97	23.49	-16.51	40	31.34	24.01	0.62	32.48	-	-	P	H	
		82.38	25.14	-14.86	40	42.91	13.5	1.21	32.48	-	-	P	H	
		97.9	23.28	-20.22	43.5	38.86	15.59	1.3	32.47	-	-	P	H	
		143.49	21.86	-21.64	43.5	35.33	17.28	1.74	32.49	-	-	P	H	
		315.18	22.86	-23.14	46	33.6	19.26	2.41	32.41	-	-	P	H	
		909.79	31.63	-14.37	46	29.93	29.02	4.13	31.45	-	-	P	H	
														H
														H
														H
														H
														H
														H
			30.97	30.26	-9.74	40	38.11	24.01	0.62	32.48	-	-	P	V
			58.13	30.24	-9.76	40	49.96	11.82	1.01	32.55	-	-	P	V
			81.41	27.54	-12.46	40	45.44	13.38	1.2	32.48	-	-	P	V
			98.87	24.12	-19.38	43.5	39.59	15.69	1.31	32.47	-	-	P	V
			200.72	23.71	-19.79	43.5	39.41	14.86	1.94	32.5	-	-	P	V
			905.91	31.74	-14.26	46	30.2	28.9	4.12	31.48	-	-	P	V
														V
														V
													V	
													V	
													V	

**Remark**

- No other spurious found.
- All results are PASS against limit line.
- The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.



**Note symbol**

*	<b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is <b>over limit</b> line.
P/A	<b>Peak</b> or <b>Average</b>
H/V	<b>Horizontal</b> or <b>Vertical</b>



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =  
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)  
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)  
= 55.45 (dBμV/m)
2. Over Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 55.45(dBμV/m) – 74(dBμV/m)  
= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)  
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)  
= 43.54 (dBμV/m)
2. Over Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 43.54(dBμV/m) – 54(dBμV/m)  
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is "PASS".



## Appendix E. Cabinet Radiated Spurious Emission Plots

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

### Note symbol

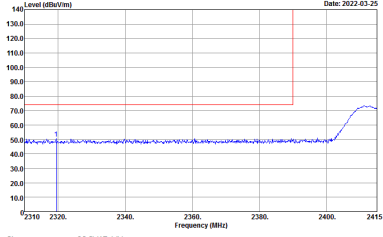
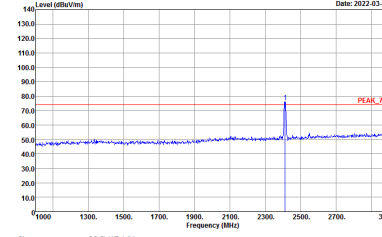
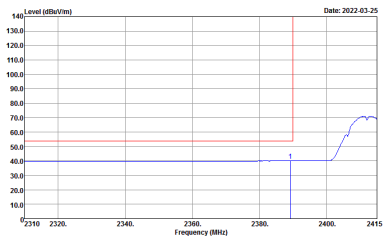
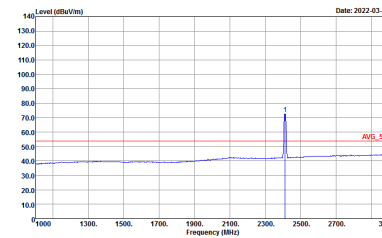
-L	Low channel location
-R	High channel location



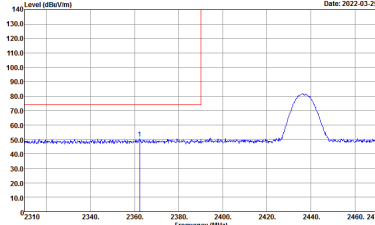
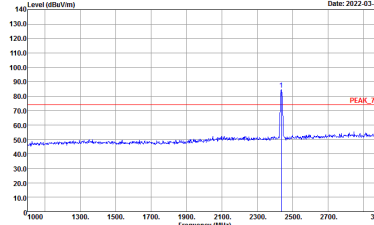
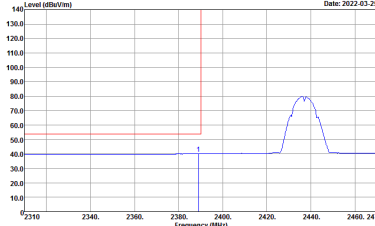
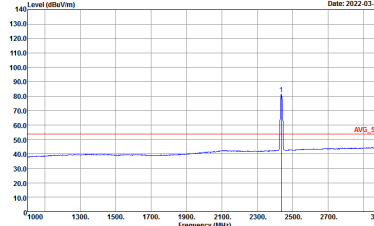
2.4GHz 2400~2483.5MHz  
WIFI 802.11b (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
5+4	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



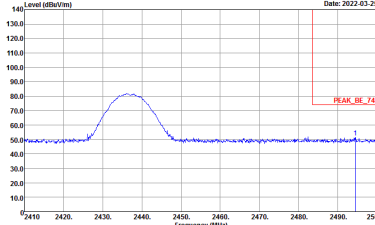
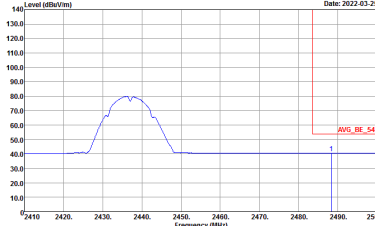
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
5+4	Vertical	Fundamental
Peak	 <p>Level (dBm/Vm) vs Frequency (MHz) plot for Vertical Peak. The y-axis ranges from 10.0 to 140.0 dBm/Vm, and the x-axis ranges from 2310 to 2415 MHz. A sharp peak is visible at approximately 2412 MHz, reaching a level of about 135 dBm/Vm. A red horizontal line indicates the peak level at approximately 135 dBm/Vm.</p> <p>Site : 03CH15-HY            Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Level (dBm/Vm) vs Frequency (MHz) plot for Fundamental Peak. The y-axis ranges from 10.0 to 140.0 dBm/Vm, and the x-axis ranges from 1000 to 3000 MHz. A sharp peak is visible at approximately 2412 MHz, reaching a level of about 80 dBm/Vm. A red horizontal line indicates the peak level at approximately 80 dBm/Vm, labeled 'PEAK_74'.</p> <p>Site : 03CH15-HY            Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL            : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Level (dBm/Vm) vs Frequency (MHz) plot for Vertical Average. The y-axis ranges from 10.0 to 140.0 dBm/Vm, and the x-axis ranges from 2310 to 2415 MHz. A broad peak is visible at approximately 2412 MHz, reaching a level of about 70 dBm/Vm. A red horizontal line indicates the average level at approximately 70 dBm/Vm.</p> <p>Site : 03CH15-HY            Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL            : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Level (dBm/Vm) vs Frequency (MHz) plot for Fundamental Average. The y-axis ranges from 10.0 to 140.0 dBm/Vm, and the x-axis ranges from 1000 to 3000 MHz. A broad peak is visible at approximately 2412 MHz, reaching a level of about 50 dBm/Vm. A red horizontal line indicates the average level at approximately 50 dBm/Vm, labeled 'AVG_54'.</p> <p>Site : 03CH15-HY            Condition : AVG_54 3m 90120_02038_20210804 VERTICAL            : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



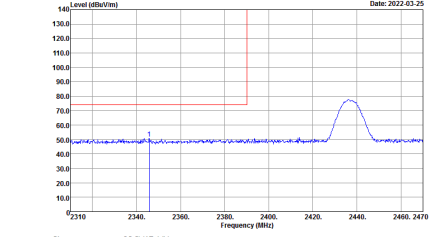
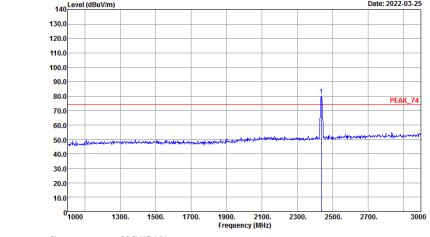
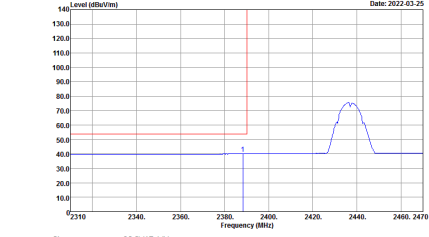
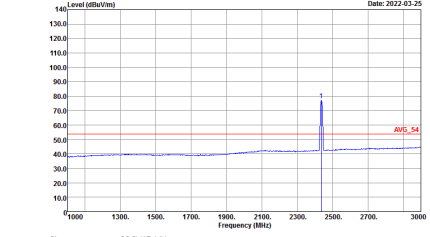
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
5+4	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



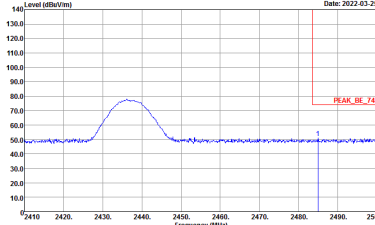
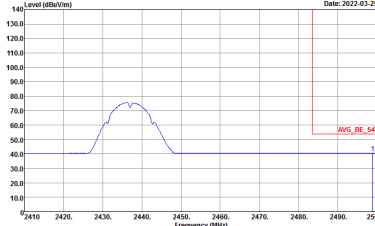


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
5+4	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank

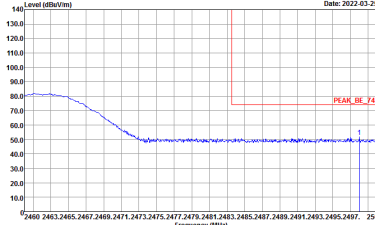
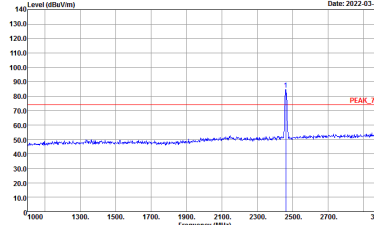
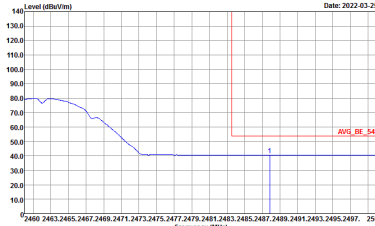
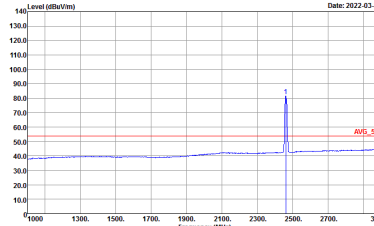


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

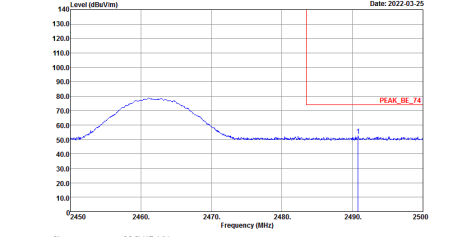
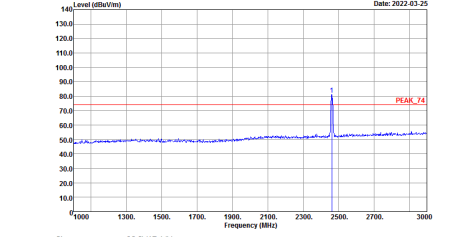
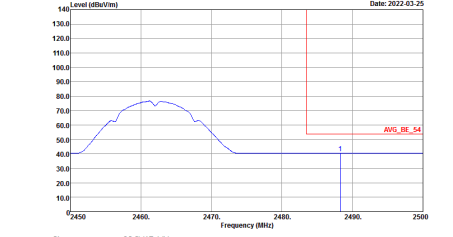
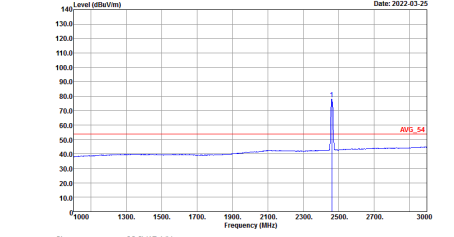


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
5+4	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Rows include: WIFI (2.4GHz 2400~2483.5MHz Harmonic @ 3m), ANT (802.11b CH01 2412MHz), 5+4, and Peak/Avg. Each column contains a spectral plot with Level (dBuV/m) vs Frequency (MHz) and associated site/condition/detector details.



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
5+4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK_74 3m 9D120_02038_20210804 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 9D120_02038_20210804 VERTICAL</p>



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
5+4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-HY Condition : PEAK_74 3m 9D120_02038_20210804 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 9D120_02038_20210804 VERTICAL</p>





2.4GHz 2400~2483.5MHz  
 WIFI 802.11g (Harmonic @ 3m)

<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11g CH06 2437MHz</b>	
<b>5+4</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak Avg.</b>	<p>Site : 03CH15-IY          Condition : PEAK_74 3m 9D120_02038_20210804 HORIZONTAL</p>	<p>Site : 03CH15-IY          Condition : PEAK_74 3m 9D120_02038_20210804 VERTICAL</p>



2.4GHz 2400~2483.5MHz  
WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11 ax HE20 Full CH06 2437MHz	
5+4	Horizontal	Vertical
Peak Avg.	<p>Site : 03CH15-IY Condition : PEAK_74 3m 9D120_02038_20210804 HORIZONTAL</p>	<p>Site : 03CH15-IY Condition : PEAK_74 3m 9D120_02038_20210804 VERTICAL</p>



2.4GHz 2400~2483.5MHz  
WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Harmonic @ 3m</b>	
<b>ANT</b>	<b>802.11 ax HE40 Full CH06 2437MHz</b>	
<b>5+4</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak Avg.</b>	<p>Site : 03CH15-IY Condition : PEAK_74 3m 9D120_02038_20210804 HORIZONTAL</p>	<p>Site : 03CH15-IY Condition : PEAK_74 3m 9D120_02038_20210804 VERTICAL</p>



Emission above 18GHz  
2.4GHz WIFI 802.11b (SHF)

<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz</b>	
<b>ANT</b>	<b>802.11b SHF</b>	
<b>5+4</b>	<b>Horizontal</b>	<b>Vertical</b>
<b>Peak</b>	<p>Site : 03CH15-HY Condition : PEAK_74 1m SHF ANT_9170_00993 HORIZONTAL</p>	<p>Site : 03CH15-HY Condition : PEAK_74 1m SHF ANT_9170_00993 VERTICAL</p>
<b>Avg</b>		



Emission below 1GHz  
2.4GHz WIFI 802.11b (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11b LF	
5+4	Horizontal	Vertical
QP / Peak	<p>Site : 03CH15-IHY Condition : QP 3m BELOG_41912_20220206 HORIZONTAL</p>	<p>Site : 03CH15-IHY Condition : QP 3m BELOG_41912_20220206 VERTICAL</p>



## Appendix F. Radiated Spurious Emission

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

<Antenna A>

2.4GHz 2400~2483.5MHz

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11ax HE20 Full CH 13 2472MHz	*	2472	99.76	-	-	90.91	27.59	6.24	24.98	296	213	P	H	
	*	2472	90.1	-	-	81.25	27.59	6.24	24.98	296	213	A	H	
		2483.6	72.09	-1.91	74	63.18	27.63	6.26	24.98	296	213	P	H	
		2483.5	52.13	-1.87	54	43.22	27.63	6.26	24.98	296	213	A	H	
													H	
														H
	*	2472	89.24	-	-	80.39	27.59	6.24	24.98	276	209	P	V	
	*	2472	80.89	-	-	72.04	27.59	6.24	24.98	276	209	A	V	
		2483.55	61.89	-12.11	74	52.98	27.63	6.26	24.98	276	209	P	V	
		2483.5	45.01	-8.99	54	36.1	27.63	6.26	24.98	276	209	A	V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE20 Partial 26/8 CH 13 2472MHz	*	2472	99.15	-	-	90.3	27.59	6.24	24.98	301	214	P	H
	*	2472	90.05	-	-	81.2	27.59	6.24	24.98	301	214	A	H
		2483.5	72.45	-1.55	74	63.54	27.63	6.26	24.98	301	214	P	H
		2483.5	52.25	-1.75	54	43.34	27.63	6.26	24.98	301	214	A	H
													H
													H
	*	2472	91	-	-	82.11	27.62	6.25	24.98	398	228	P	V
	*	2472	82.11	-	-	73.22	27.62	6.25	24.98	398	228	A	V
		2483.5	63.47	-10.53	74	54.56	27.63	6.26	24.98	398	228	P	V
		2483.5	45.2	-8.8	54	36.29	27.63	6.26	24.98	398	228	A	V
												V	
												V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11ax HE20 Partial 52/40 CH 13 2472MHz	*	2472	101.63	-	-	92.78	27.59	6.24	24.98	299	212	P	H	
	*	2472	90.94	-	-	82.09	27.59	6.24	24.98	299	212	A	H	
		2483.55	72.31	-1.69	74	63.4	27.63	6.26	24.98	299	212	P	H	
		2483.5	52.31	-1.69	54	43.4	27.63	6.26	24.98	299	212	A	H	
													H	
														H
	*	2472	92.27	-	-	83.42	27.59	6.24	24.98	100	206	P	V	
	*	2472	82.55	-	-	73.7	27.59	6.24	24.98	100	206	A	V	
		2483.55	63.97	-10.03	74	55.06	27.63	6.26	24.98	100	206	P	V	
		2483.5	45.16	-8.84	54	36.25	27.63	6.26	24.98	100	206	A	V	
													V	
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													





**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11ax HE20 Partial 106/54 CH 13 2472MHz	*	2472	99.52	-	-	90.67	27.59	6.24	24.98	312	214	P	H	
	*	2472	89.92	-	-	81.07	27.59	6.24	24.98	312	214	A	H	
		2483.5	72.37	-1.63	74	63.46	27.63	6.26	24.98	312	214	P	H	
		2483.5	52.27	-1.73	54	43.36	27.63	6.26	24.98	312	214	A	H	
													H	
														H
	*	2472	91.3	-	-	82.45	27.59	6.24	24.98	400	225	P	V	
	*	2472	81.83	-	-	72.98	27.59	6.24	24.98	400	225	A	V	
		2483.5	64.9	-9.1	74	55.99	27.63	6.26	24.98	400	225	P	V	
		2483.5	45.53	-8.47	54	36.62	27.63	6.26	24.98	400	225	A	V	
													V	
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE20 Partial 242/61 CH 13 2472MHz	*	2472	97.83	-	-	88.98	27.59	6.24	24.98	294	213	P	H
	*	2472	88.56	-	-	79.71	27.59	6.24	24.98	294	213	A	H
		2483.5	69.14	-4.86	74	60.23	27.63	6.26	24.98	294	213	P	H
		2483.5	49.31	-4.69	54	40.4	27.63	6.26	24.98	294	213	A	H
													H
													H
	*	2472	88.88	-	-	80.03	27.59	6.24	24.98	100	207	P	V
	*	2472	79.84	-	-	70.99	27.59	6.24	24.98	100	207	A	V
		2483.5	61	-13	74	52.09	27.63	6.26	24.98	100	207	P	V
		2483.5	43.02	-10.98	54	34.11	27.63	6.26	24.98	100	207	A	V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
<b>802.11ax HE40 Full CH 11 2462MHz</b>		2362.812	50.63	-23.37	74	42.35	27.25	6.06	25.03	301	209	P	H
		2390	38.98	-15.02	54	30.53	27.36	6.11	25.02	301	209	A	H
	*	2462	101.17	-	-	92.38	27.55	6.23	24.99	301	209	P	H
	*	2462	91.65	-	-	82.86	27.55	6.23	24.99	301	209	A	H
		2483.68	72.13	-1.87	74	63.22	27.63	6.26	24.98	301	209	P	H
		2483.5	51.87	-2.13	54	42.96	27.63	6.26	24.98	301	209	A	H
		2390	50.74	-23.26	74	42.29	27.36	6.11	25.02	100	201	P	V
		2389.38	38.75	-15.25	54	30.3	27.36	6.11	25.02	100	201	A	V
	*	2462	91.01	-	-	82.22	27.55	6.23	24.99	100	201	P	V
	*	2462	81.9	-	-	73.11	27.55	6.23	24.99	100	201	A	V
		2483.5	65.78	-8.22	74	56.87	27.63	6.26	24.98	100	201	P	V
		2483.5	45.32	-8.68	54	36.41	27.63	6.26	24.98	100	201	A	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



<Antenna C>

2.4GHz 2400~2483.5MHz

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

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11ax HE20 Full CH 13 2472MHz	*	2472	97.73	-	-	88.88	27.59	6.24	24.98	260	227	P	H
	*	2472	88.08	-	-	79.23	27.59	6.24	24.98	260	227	A	H
		2483.6	71.62	-2.38	74	62.71	27.63	6.26	24.98	260	227	P	H
		2483.5	51.27	-2.73	54	42.36	27.63	6.26	24.98	260	227	A	H
													H
													H
	*	2472	92.48	-	-	83.63	27.59	6.24	24.98	130	10	P	V
	*	2472	82.46	-	-	73.61	27.59	6.24	24.98	130	10	A	V
		2483.5	65.55	-8.45	74	56.64	27.63	6.26	24.98	130	10	P	V
		2483.5	45.95	-8.05	54	37.04	27.63	6.26	24.98	130	10	A	V

<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.
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2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI Ant. 5+4	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE20 Partial 26/8 CH 13 2472MHz	*	2472	97.3	-	-	88.45	27.59	6.24	24.98	243	231	P	H
	*	2472	88.53	-	-	79.68	27.59	6.24	24.98	243	231	A	H
		2483.5	70.22	-3.78	74	61.31	27.63	6.26	24.98	243	231	P	H
		2483.5	51.61	-2.39	54	42.7	27.63	6.26	24.98	243	231	A	H
													H
													H
	*	2472	90.63	-	-	81.78	27.59	6.24	24.98	252	161	P	V
	*	2472	82.3	-	-	73.45	27.59	6.24	24.98	252	161	A	V
		2483.5	64.52	-9.48	74	55.61	27.63	6.26	24.98	252	161	P	V
		2483.5	46.13	-7.87	54	37.22	27.63	6.26	24.98	252	161	A	V
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)**

WIFI Ant. 5+4	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE20 Partial 52/40 CH 13 2472MHz	*	2472	99.87	-	-	91.02	27.59	6.24	24.98	247	224	P	H
	*	2472	89.79	-	-	80.94	27.59	6.24	24.98	247	224	A	H
		2483.5	71.82	-2.18	74	62.91	27.63	6.26	24.98	247	224	P	H
		2483.5	52.22	-1.78	54	43.31	27.63	6.26	24.98	247	224	A	H
													H
													H
	*	2472	92.36	-	-	83.51	27.59	6.24	24.98	250	161	P	V
	*	2472	83.59	-	-	74.74	27.59	6.24	24.98	250	161	A	V
		2483.5	66.45	-7.55	74	57.54	27.63	6.26	24.98	250	161	P	V
		2483.5	47.07	-6.93	54	38.16	27.63	6.26	24.98	250	161	A	V
												V	
												V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)**

WIFI Ant. 5+4	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE20 Partial 106/54 CH 13 2472MHz	*	2472	95.81	-	-	86.96	27.59	6.24	24.98	248	233	P	H
	*	2472	87.75	-	-	78.9	27.59	6.24	24.98	248	233	A	H
		2483.5	72.31	-1.69	74	63.4	27.63	6.26	24.98	248	233	P	H
		2483.5	51.49	-2.51	54	42.58	27.63	6.26	24.98	248	233	A	H
													H
													H
	*	2472	89.77	-	-	80.92	27.59	6.24	24.98	250	163	P	V
	*	2472	82.07	-	-	73.22	27.59	6.24	24.98	250	163	A	V
		2483.5	66.39	-7.61	74	57.48	27.63	6.26	24.98	250	163	P	V
		2483.5	46.53	-7.47	54	37.62	27.63	6.26	24.98	250	163	A	V
												V	
												V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)**

WIFI Ant. 5+4	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11ax HE20 Partial 242/61 CH 13 2472MHz	*	2472	99.35	-	-	90.5	27.59	6.24	24.98	247	227	P	H
	*	2472	89.78	-	-	80.93	27.59	6.24	24.98	247	227	A	H
		2483.5	71.17	-2.83	74	62.26	27.63	6.26	24.98	247	227	P	H
		2483.5	52	-2	54	43.09	27.63	6.26	24.98	247	227	A	H
													H
													H
	*	2472	92.94	-	-	84.09	27.59	6.24	24.98	250	163	P	V
	*	2472	83.69	-	-	74.84	27.59	6.24	24.98	250	163	A	V
		2483.5	66.01	-7.99	74	57.1	27.63	6.26	24.98	250	163	P	V
		2483.5	46.92	-7.08	54	38.01	27.63	6.26	24.98	250	163	A	V
												V	
												V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

WIFI Ant. 5+4	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
<b>802.11ax HE40 Full CH 11 2462MHz</b>		2342.68	50.53	-23.47	74	42.37	27.17	6.03	25.04	213	210	P	H
		2389.808	39.48	-14.52	54	31.03	27.36	6.11	25.02	213	210	A	H
	*	2462	100.84	-	-	92.05	27.55	6.23	24.99	213	210	P	H
	*	2462	91.5	-	-	82.71	27.55	6.23	24.99	213	210	A	H
		2483.644	71.32	-2.68	74	62.41	27.63	6.26	24.98	213	210	P	H
		2483.528	50.92	-3.08	54	42.01	27.63	6.26	24.98	213	210	A	H
		2339.928	50.21	-23.79	74	42.07	27.16	6.02	25.04	251	162	P	V
		2389.98	38.88	-15.12	54	30.43	27.36	6.11	25.02	251	162	A	V
	*	2462	92.51	-	-	83.72	27.55	6.23	24.99	251	162	P	V
	*	2462	83.18	-	-	74.39	27.55	6.23	24.99	251	162	A	V
	2483.586	66.06	-7.94	74	57.15	27.63	6.26	24.98	251	162	P	V	
	2483.528	46.04	-7.96	54	37.13	27.63	6.26	24.98	251	162	A	V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Note symbol**

*	<b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is <b>over limit</b> line.
P/A	<b>Peak</b> or <b>Average</b>
H/V	<b>Horizontal</b> or <b>Vertical</b>



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
5+4		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H
2412MHz													

- Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
- Level(dBμV/m) =  
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

- Level(dBμV/m)  
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)  
= 55.45 (dBμV/m)
- Over Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 55.45(dBμV/m) – 74(dBμV/m)  
= -18.55(dB)

**For Average Limit @ 2390MHz:**

- Level(dBμV/m)  
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)  
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)  
= 43.54 (dBμV/m)
- Over Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 43.54(dBμV/m) – 54(dBμV/m)  
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is "PASS".



## Appendix G. Radiated Spurious Emission Plots

Test Engineer :	Leo Lee, Mancy Chou and Bigshow Wang	Temperature :	22.1~23.1°C
		Relative Humidity :	55~60%

### Note symbol

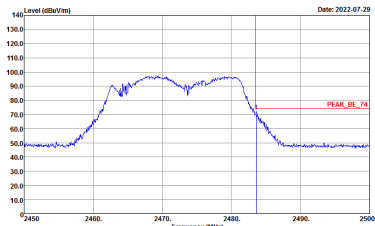
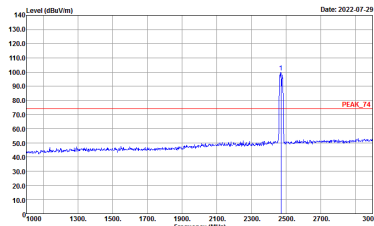
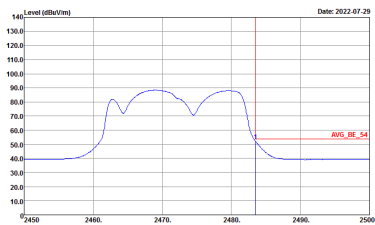
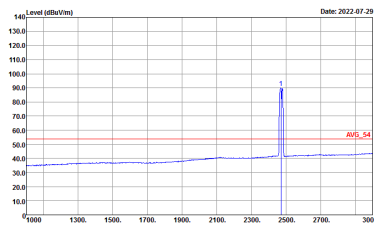
-L	Low channel location
-R	High channel location



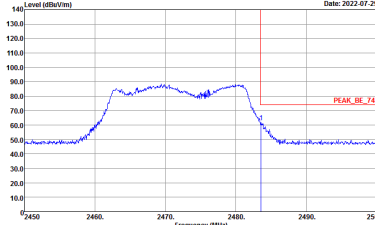
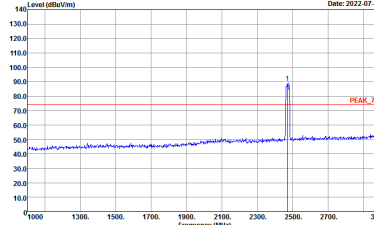
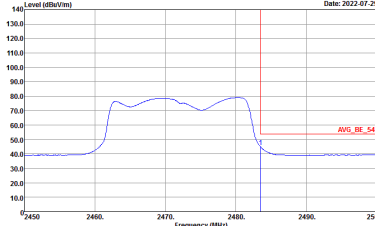
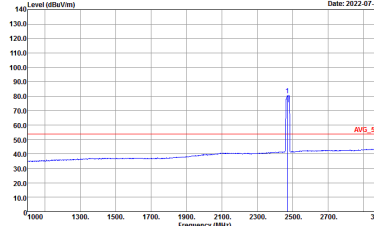
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2.4GHz 2400~2483.5MHz

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH13 2472MHz	
5+4	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH13 2472MHz	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>


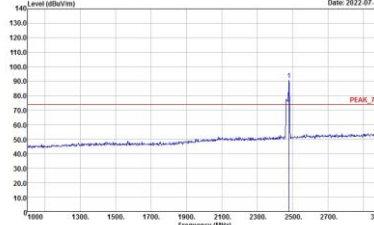

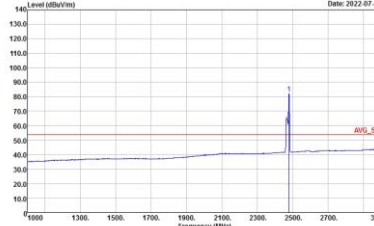


2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH13 2472MHz	
5+4	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 9D120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH13 2472MHz	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>





2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH13 2472MHz	
5+4	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH13 2472MHz	
5+4	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

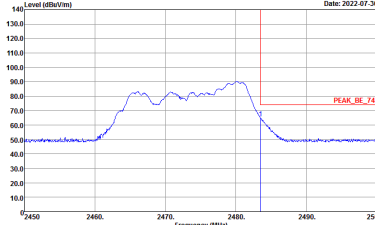
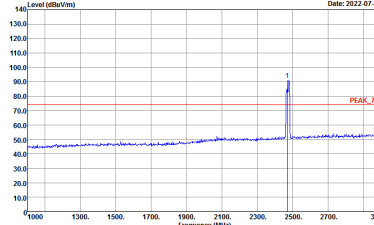
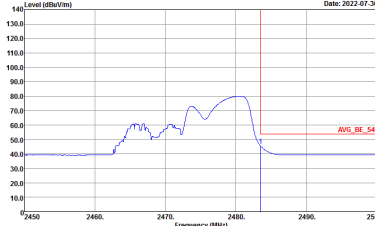
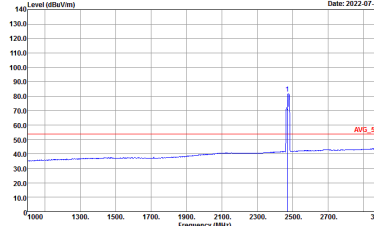


2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH13 2472MHz	
5+4	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

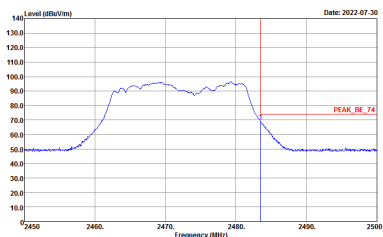
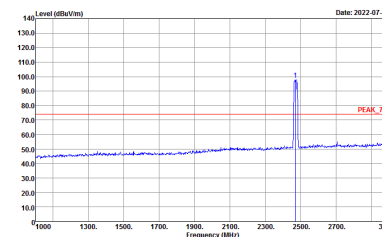
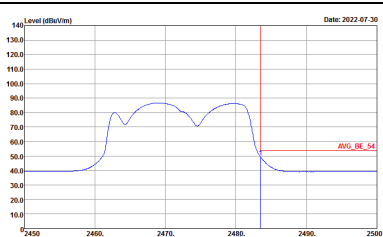
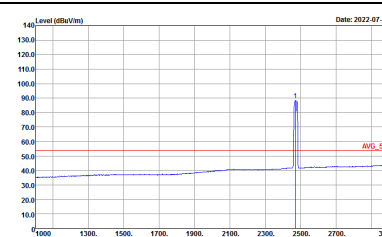


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH13 2472MHz	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

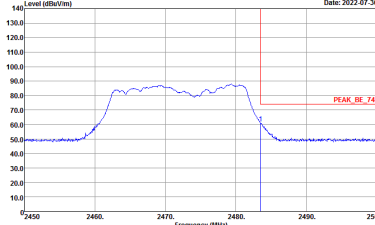
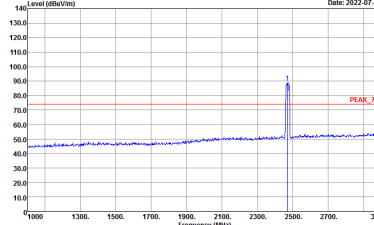
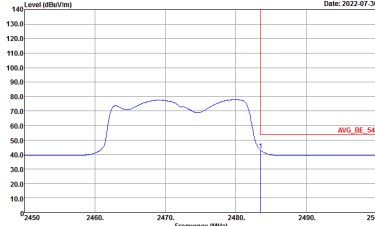
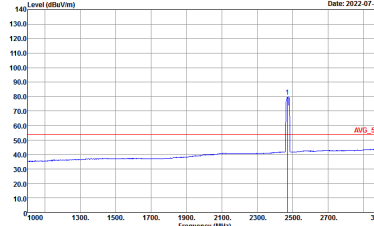


2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH13 2472MHz	
5+4	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH13 2472MHz	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



2.4GHz 2400~2483.5MHz

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

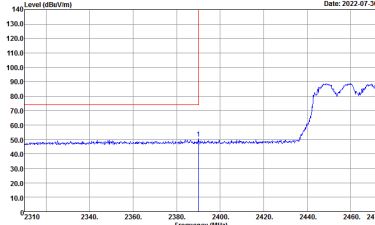
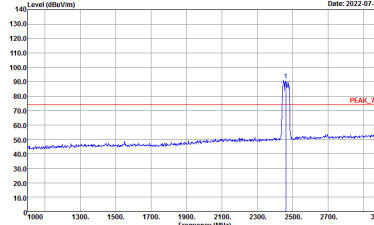
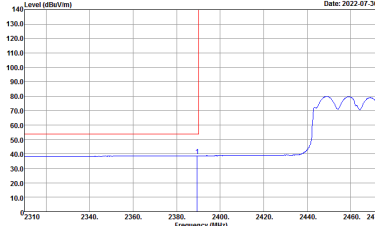
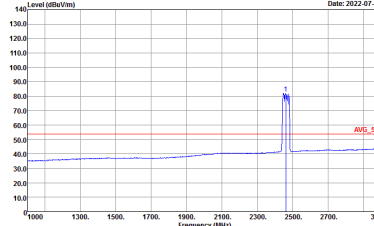
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH11 2462MHz - L	
5+4	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



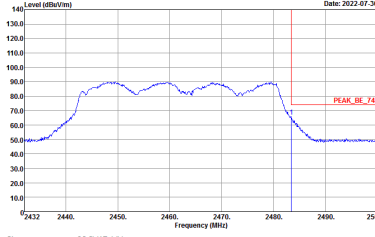
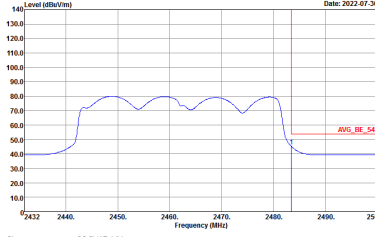
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH11 2462MHz - R	
5+4	Horizontal	Fundamental
<p><b>Peak</b></p>		<p>Left blank</p>
<p><b>Avg.</b></p>		<p>Left blank</p>





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH11 2462MHz - L	
5+4	Vertical	Fundamental
Peak	 <p>Date: 2022-07-30</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Date: 2022-07-30</p> <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Date: 2022-07-30</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Date: 2022-07-30</p> <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH11 2462MHz - R	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank



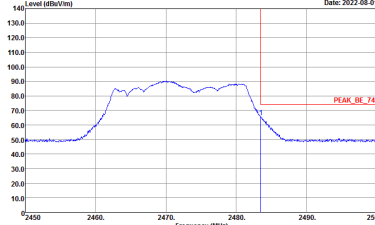
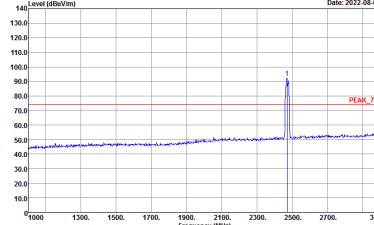
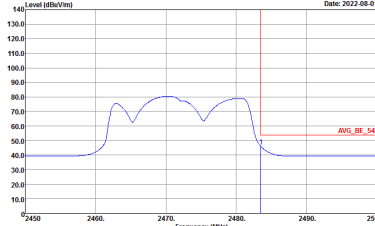
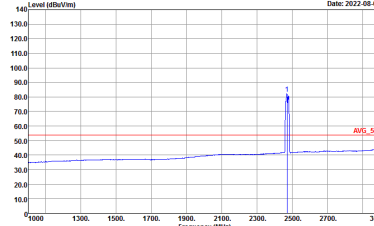
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2.4GHz 2400~2483.5MHz

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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH13 2472MHz	
5+4	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>
Avg.		

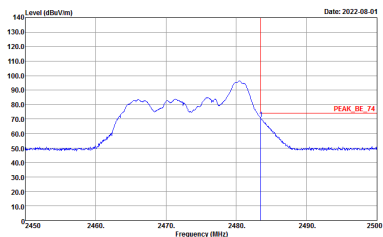
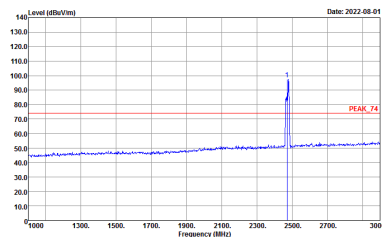
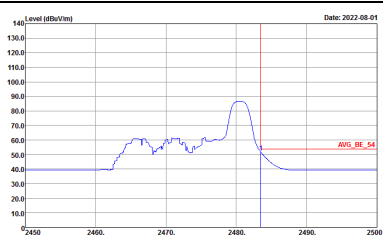
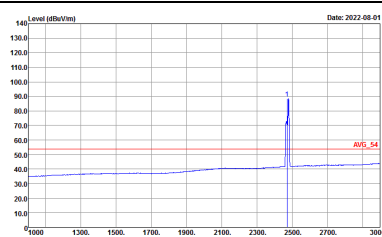


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Full CH13 2472MHz	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

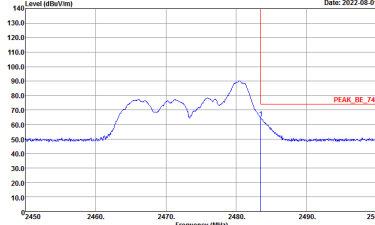
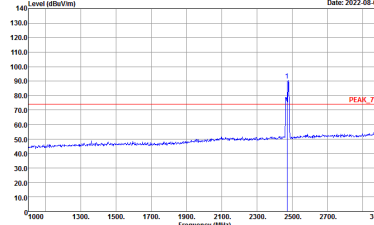
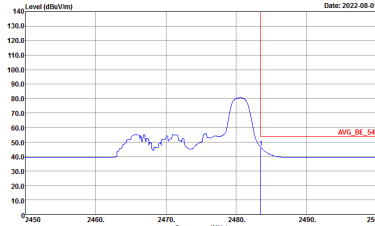
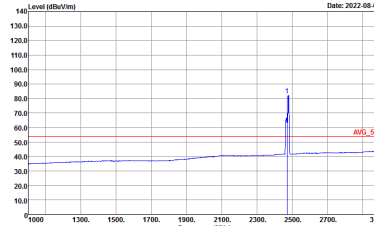


2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 26 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH13 2472MHz	
5+4	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 26/8 CH13 2472MHz	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 52 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH13 2472MHz	
5+4	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11ax HE20 Partial 52/40 CH13 2472MHz	
5+4	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



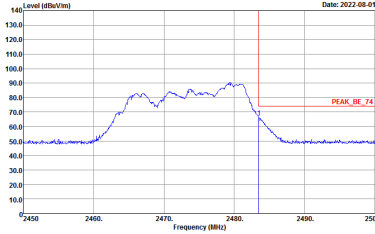
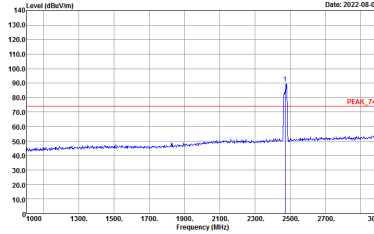
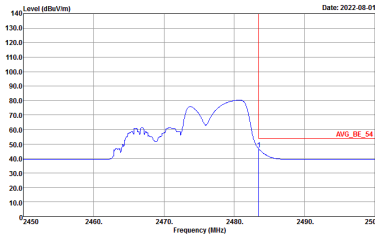
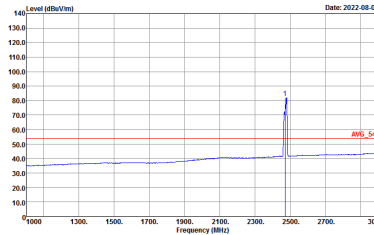


2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH13 2472MHz	
5+4	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	<p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

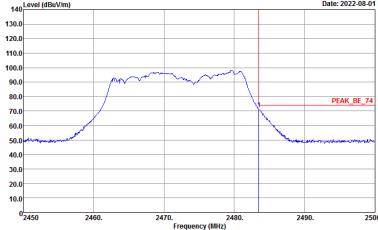
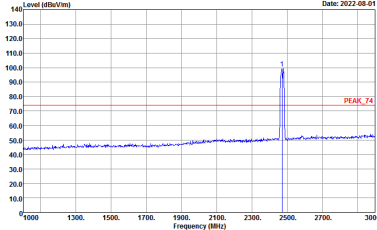
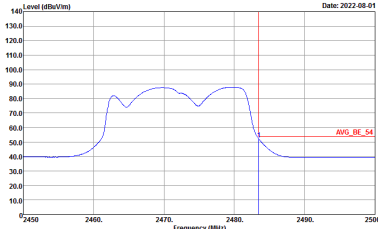
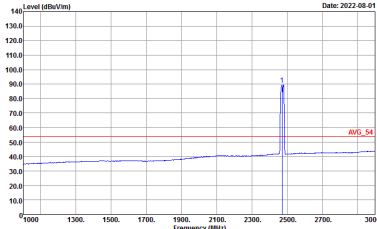


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 106/54 CH13 2472MHz	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

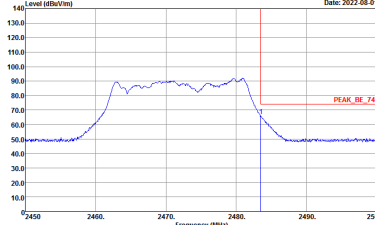
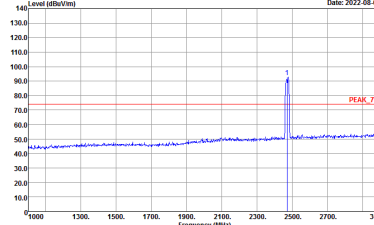
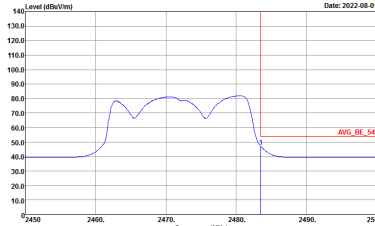
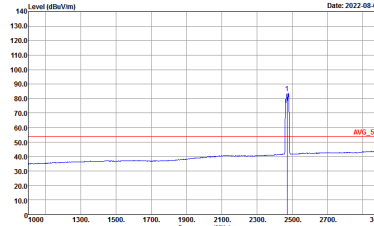


2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial 242 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH13 2472MHz	
5+4	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>
Avg.		

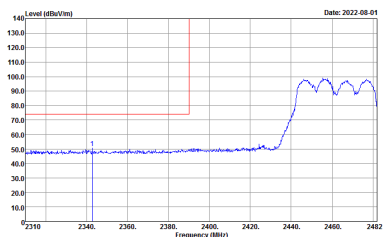
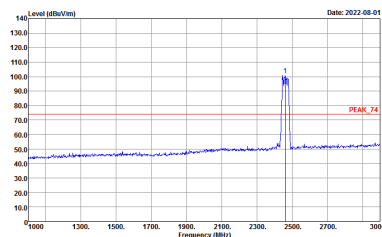
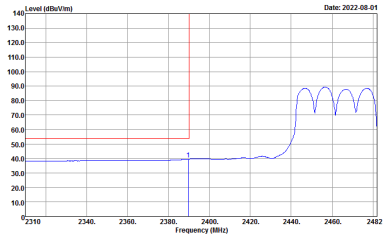
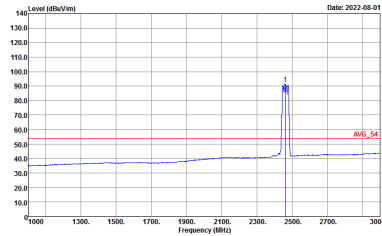


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE20 Partial 242/61 CH13 2472MHz	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

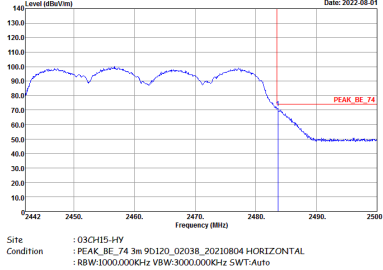
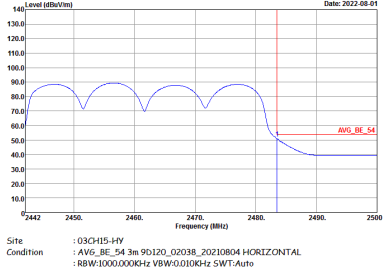


2.4GHz 2400~2483.5MHz

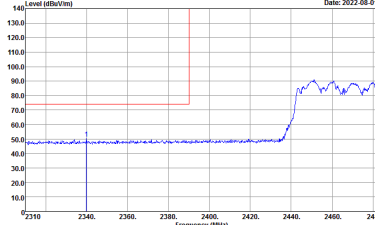
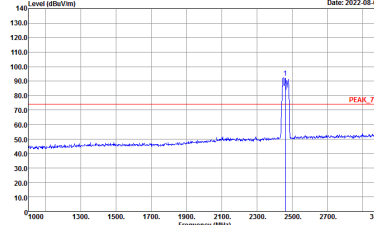
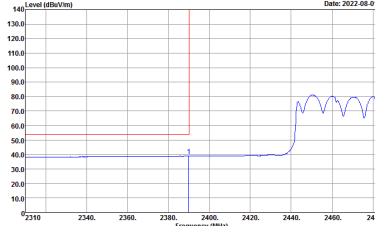
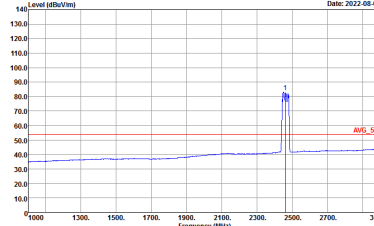
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH11 2462MHz - L	
5+4	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AV6_BE_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AV6_54 3m 90120_02038_20210804 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>

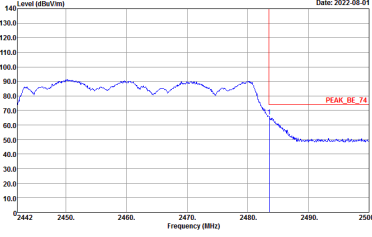
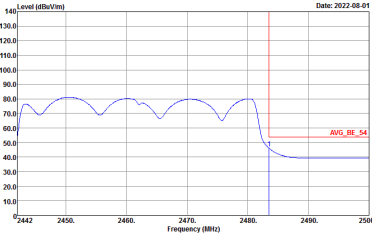


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH11 2462MHz - R	
5+4	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH11 2462MHz - L	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	 <p>Site : 03CH15-HY Condition : AVG_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ax HE40 Full CH11 2462MHz - R	
5+4	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 90120_02038_20210804 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p>	Left blank



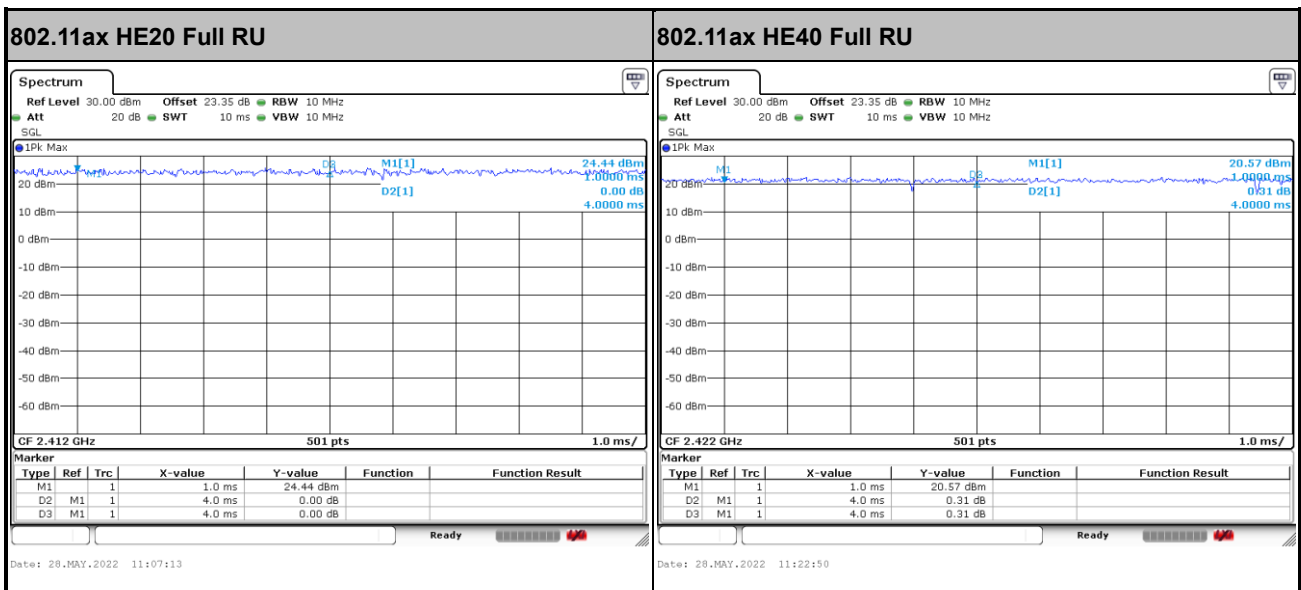
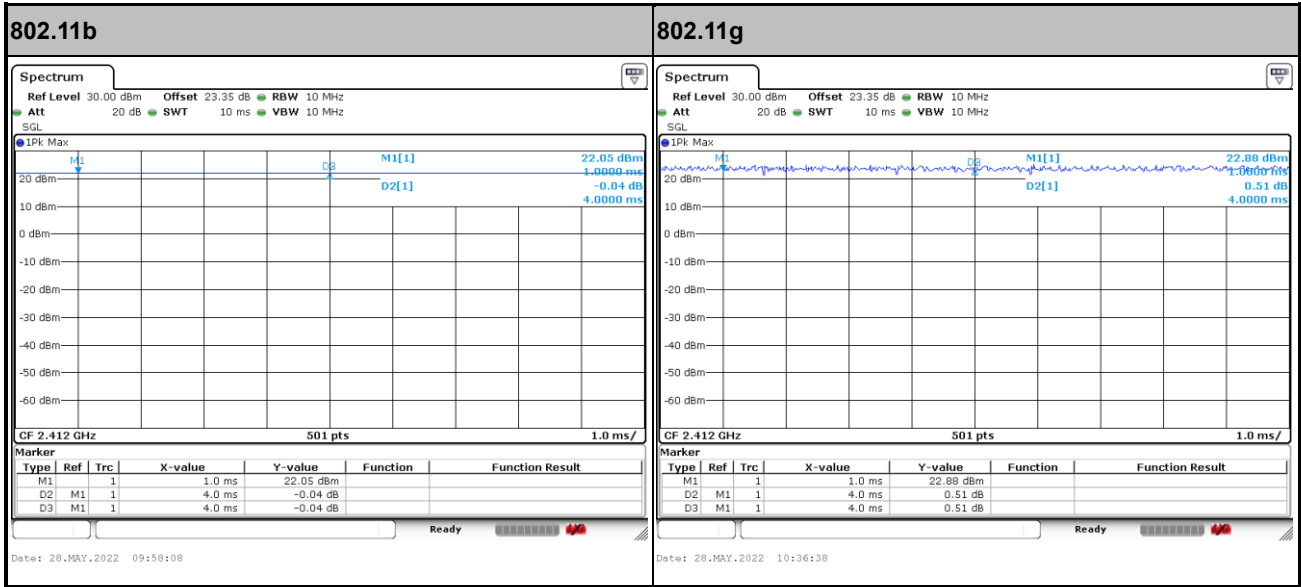


## Appendix H. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
5+4	2.4GHz 802.11b for Ant. 5	100.00	-	-	10Hz
5+4	2.4GHz 802.11b for Ant. 4	100.00	-	-	10Hz
5+4	2.4GHz 802.11g for Ant. 5	100.00	-	-	10Hz
5+4	2.4GHz 802.11g for Ant. 4	100.00	-	-	10Hz
5+4	802.11ax HE20 for Ant. 5 Full RU	100.00	-	-	10Hz
5+4	802.11ax HE20 for Ant. 4 Full RU	100.00	-	-	10Hz
5+4	802.11ax HE40 for Ant. 5 Full RU	100.00	-	-	10Hz
5+4	802.11ax HE40 for Ant. 4 Full RU	100.00	-	-	10Hz



MIMO <Ant. 5>





MIMO <Ant. 4>

