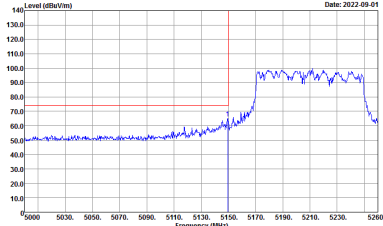
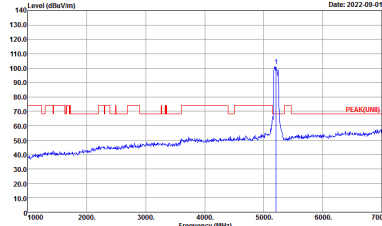
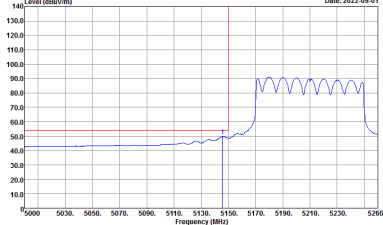
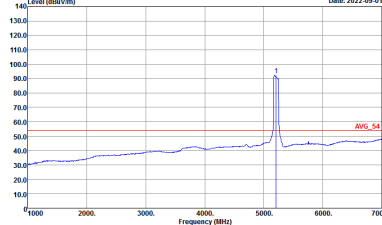
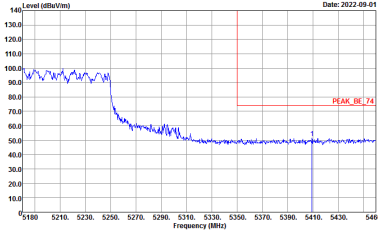
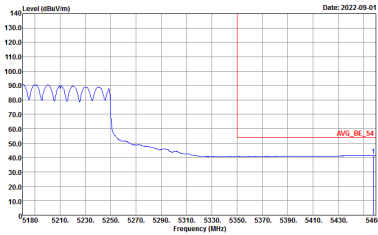




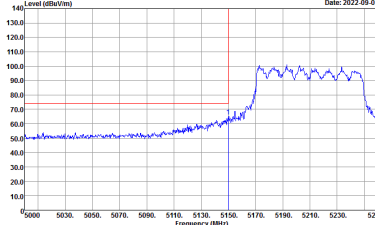
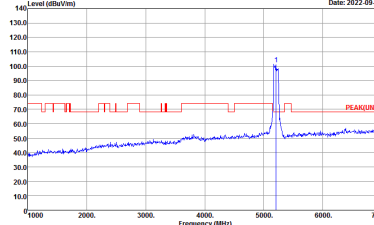
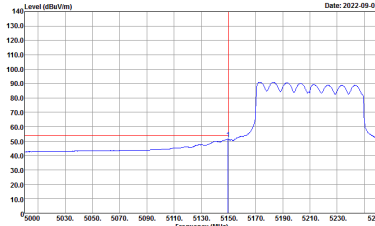
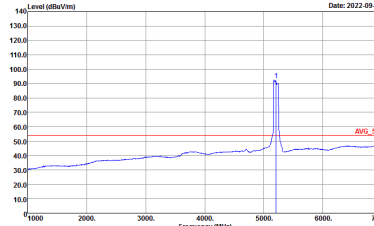
Band 1 5150~5250MHz
WIFI 802.11ax HE80 Partial 996 (Band Edge @ 3m)

| WIFI | Band 1 5150~5250MHz Band Edge @ 3m | |
|-------------|--|--|
| ANT | 802.11ax HE80 Partial 996/67 CH42 5210MHz - L | |
| 0+1 | Horizontal | Fundamental |
| Peak |  <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5150 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the peak at 5150 MHz.</p> <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Level (dBuV/m) vs Frequency (MHz) plot showing a peak at 5150 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 4000 to 7000 MHz. A red vertical line marks the peak at 5150 MHz.</p> <p>Site : 03CH13-HY Condition : PEAK(U)II 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Level (dBuV/m) vs Frequency (MHz) plot showing an average level at 5150 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 5000 to 5260 MHz. A red vertical line marks the average level at 5150 MHz.</p> <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p> |  <p>Level (dBuV/m) vs Frequency (MHz) plot showing an average level at 5150 MHz. The y-axis ranges from 10.0 to 140.0 dBuV/m, and the x-axis ranges from 4000 to 7000 MHz. A red vertical line marks the average level at 5150 MHz.</p> <p>Site : 03CH13-HY Condition : AVG_54 3m HORN_91200_1241 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto</p> |

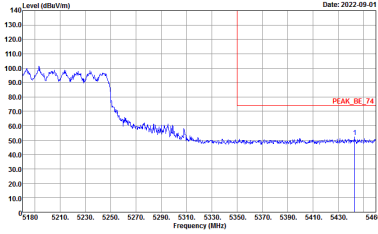
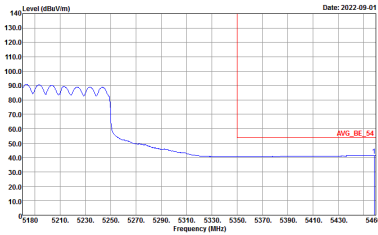


| WIFI | Band 1 5150~5250MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11ax HE80 Partial 996/67 CH42 5210MHz - R | |
| 0+1 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank |
| Avg. |  <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p> | Left blank |



| WIFI | Band 1 5150~5250MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11ax HE80 Partial 996/67 CH42 5210MHz - L | |
| 0+1 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH13-HY Condition : PEAK(UNI) 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p> |  <p>Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto</p> |



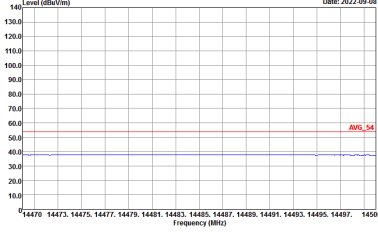
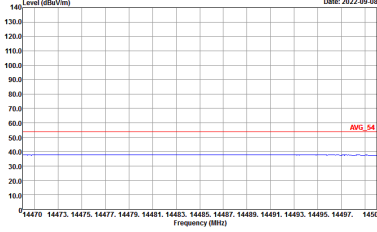
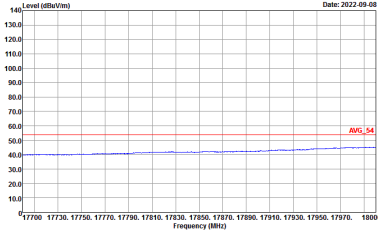
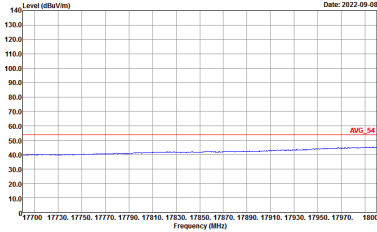
| WIFI | Band 1 5150~5250MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11ax HE80 Partial 996/67 CH42 5210MHz - R | |
| 0+1 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank |
| Avg. |  <p>Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3.010KHz SWT:Auto</p> | Left blank |



Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

Table with 2 columns: Horizontal and Vertical. Rows include: WIFI (Band 1 5150~5250MHz Harmonic @ 3m), ANT (802.11a CH36 5180MHz), 0+1 (Peak, Avg.), and two graphs showing Level (dBu/m) vs Frequency (MHz) for Horizontal and Vertical orientations.

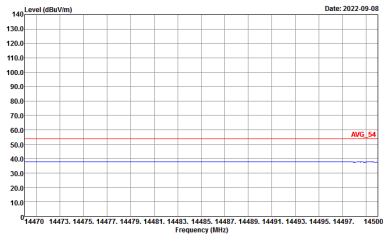
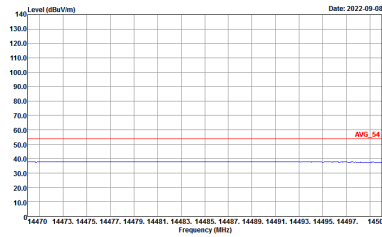
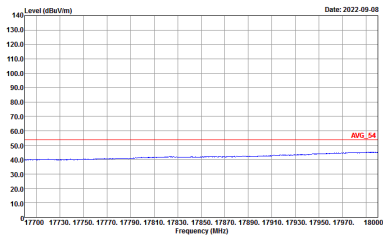
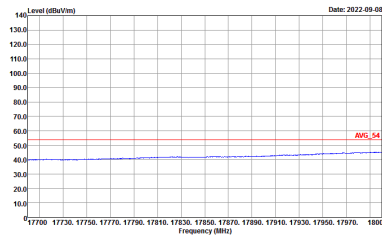


| | | |
|------|--|---|
| WIFI | Band 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11a CH36 5180MHz | |
| 0+1 | Horizontal | Vertical |
| Avg. |  <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> |  <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |
| Avg. |  <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> |  <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |



| | | |
|--------------|--|--|
| WIFI | Band 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11a CH44 5220MHz | |
| 0+1 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p> | <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p> |

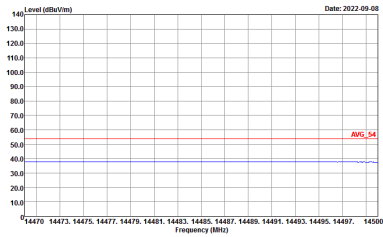
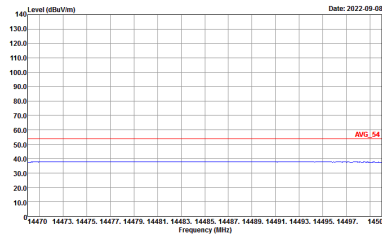
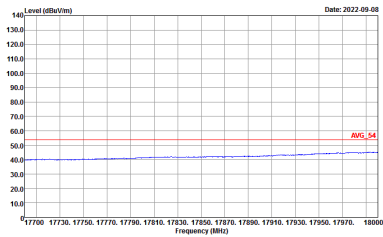
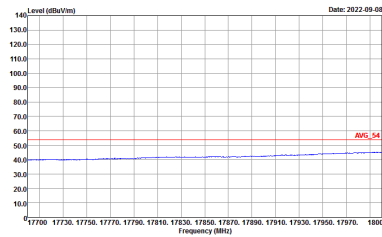


| | | |
|------|--|---|
| WIFI | Band 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11a CH44 5220MHz | |
| 0+1 | Horizontal | Vertical |
| Avg. |  <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> |  <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |
| Avg. |  <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> |  <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |



| | | |
|----------------------|--|--|
| WIFI | Band 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11a CH48 5240MHz | |
| 0+1 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p> | <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p> |



| WIFI | Band 1 5150~5250MHz Harmonic @ 3m | |
|------|--|---|
| ANT | 802.11a CH48 5240MHz | |
| 0+1 | Horizontal | Vertical |
| Avg. |  <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> |  <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |
| Avg. |  <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> |  <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |



Band 1 5150~5250MHz
WIFI 802.11ax HE20 Full (Harmonic @ 3m)

| | | |
|--------------|--|--|
| WIFI | Band 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11ax HE20 Full CH36 5180MHz | |
| 0+1 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p> | <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p> |



| | | |
|------|--|--|
| WIFI | Band 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11ax HE20 Full CH36 5180MHz | |
| 0+1 | Horizontal | Vertical |
| Avg. | <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> | <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |
| Avg. | <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> | <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |



| | | |
|--------------|--|--|
| WIFI | Band 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11ax HE20 Full CH44 5220MHz | |
| 0+1 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p> | <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p> |

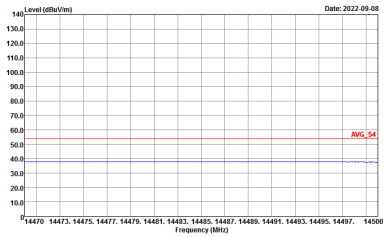
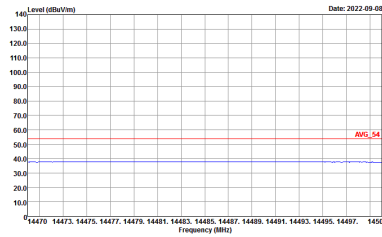
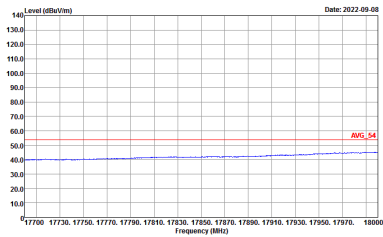
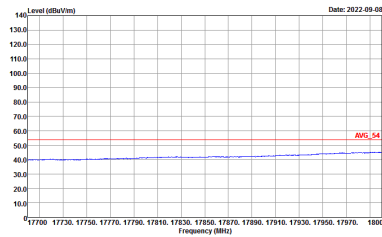


| | | |
|------|--|--|
| WIFI | Band 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11ax HE20 Full CH44 5220MHz | |
| 0+1 | Horizontal | Vertical |
| Avg. | <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> | <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |
| Avg. | <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> | <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |



| | | |
|----------------------------|--|--|
| WIFI | Band 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11ax HE20 Full CH48 5240MHz | |
| 0+1 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 HORIZONTAL</p> | <p>Site : 03CH13-HY Condition : PEAK(UNII) 3m HORN_91200_1241 VERTICAL</p> |



| | | |
|------|--|---|
| WIFI | Band 1 5150~5250MHz Harmonic @ 3m | |
| ANT | 802.11ax HE20 Full CH48 5240MHz | |
| 0+1 | Horizontal | Vertical |
| Avg. |  <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> |  <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |
| Avg. |  <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 HORIZONTAL</p> |  <p>Date: 2022-09-08</p> <p>Site : 03CH13-HY Condition : AV6_54 3m HORN_91200_1241 VERTICAL</p> |



Emission above 18GHz
 5GHz WIFI 802.11ax HE80 Full (SHF @ 1m)

| WIFI | 5GHz WIFI | |
|--------------|--|--|
| ANT | 802.11ax HE80 Full SHF | |
| 0+1 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH15-HY Condition : PEAK(UNII) 1m SHF ANT_9170_00993 HORIZONTAL</p> | <p>Site : 03CH15-HY Condition : PEAK(UNII) 1m SHF ANT_9170_00993 HORIZONTAL</p> |



Emission below 1GHz
5GHz WIFI 802.11ax HE80 Full (LF)

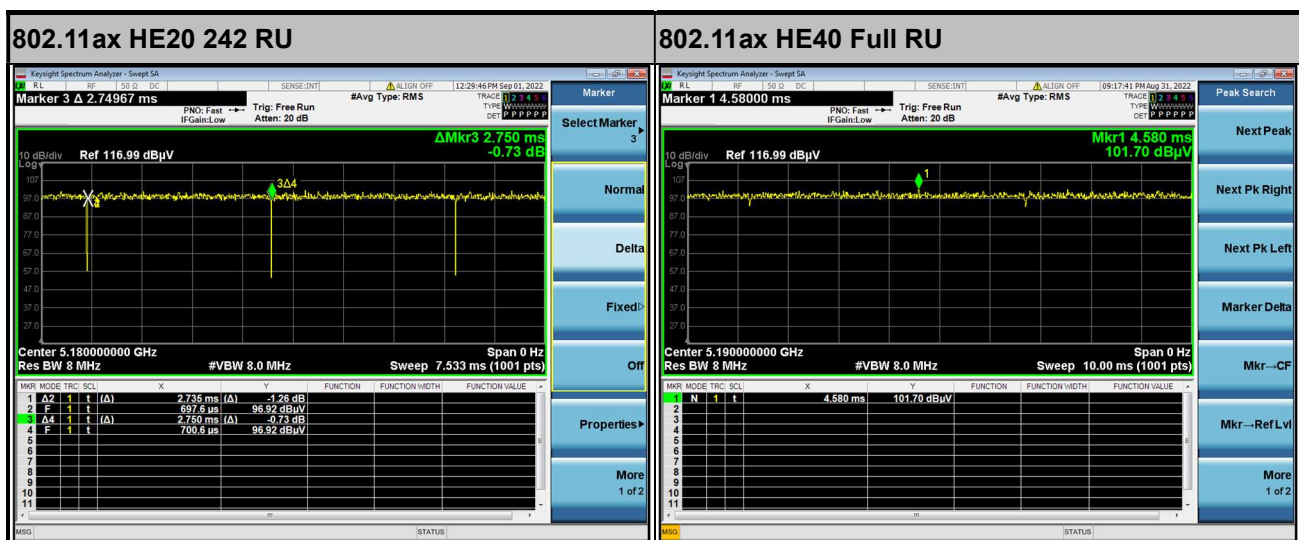
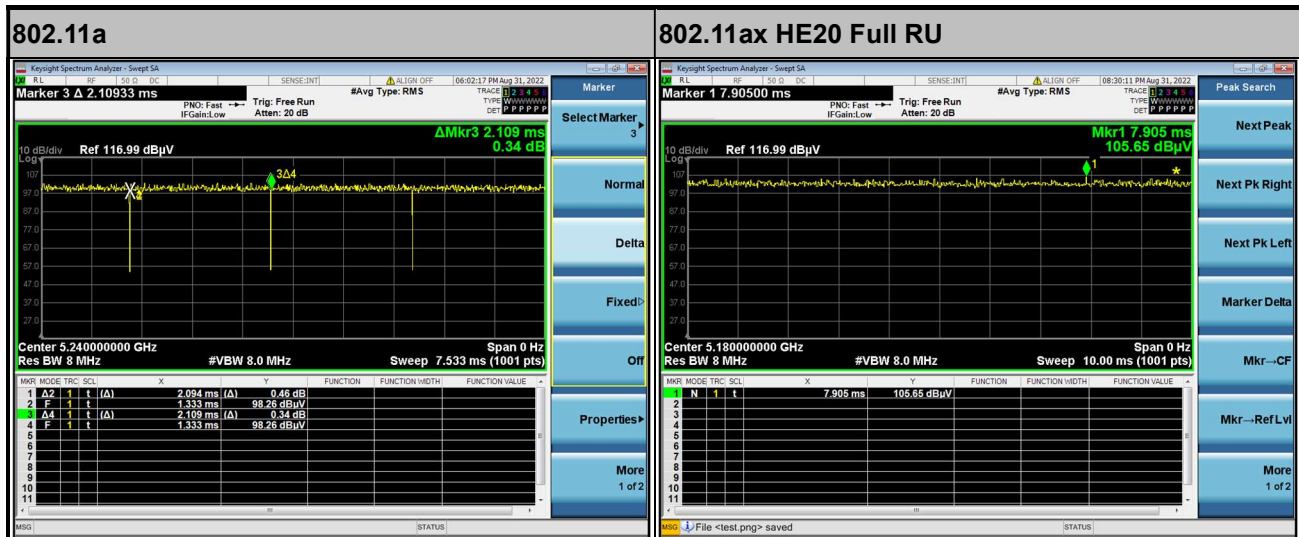
| | | |
|----------------------|--|--|
| WIFI | 5GHz WIFI | |
| ANT | 802.11ax HE80 Full LF | |
| 0+1 | Horizontal | Vertical |
| QP / Peak | <p>Site : 03CH13-HY Condition : QP 3m BILOG_40103 HORIZONTAL</p> | <p>Site : 03CH13-HY Condition : QP 3m BILOG_40103 VERTICAL</p> |

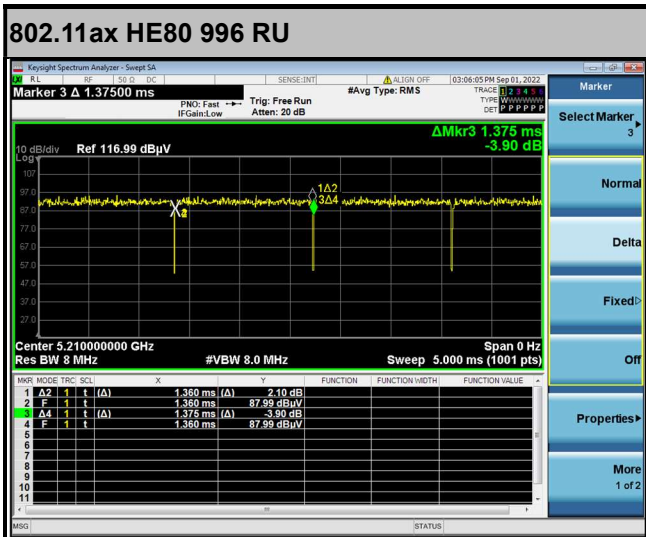
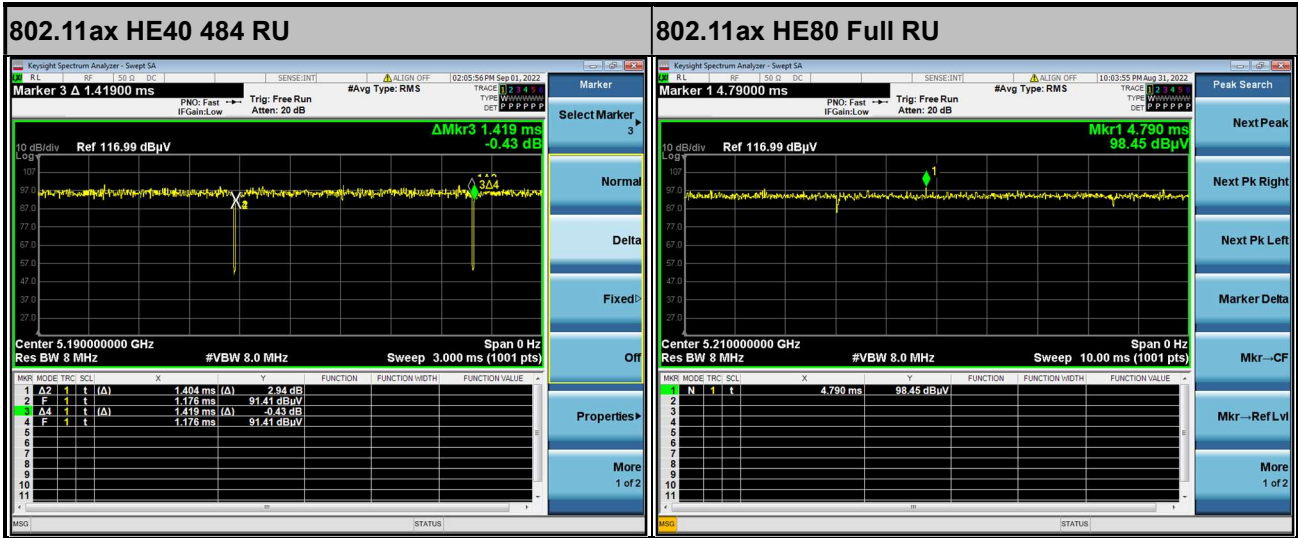


Appendix E. Duty Cycle Plots

| Antenna | Band | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting |
|---------|----------------------------|---------------|-------|----------|-------------|
| 0+1 | 5GHz 802.11a | 99.29 | - | - | 10Hz |
| 0+1 | 5GHz 802.11ax HE20 Full RU | 100.00 | - | - | 10Hz |
| 0+1 | 5GHz 802.11ax HE20 242 RU | 99.45 | - | - | 10Hz |
| 0+1 | 5GHz 802.11ax HE40 Full RU | 100.00 | - | - | 10Hz |
| 0+1 | 5GHz 802.11ax HE40 484 RU | 98.94 | - | - | 10Hz |
| 0+1 | 5GHz 802.11ax HE80 Full RU | 100.00 | - | - | 10Hz |
| 0+1 | 5GHz 802.11ax HE80 996 RU | 98.91 | - | - | 10Hz |

MIMO <Ant. 0+1>





Appendix F. Setup Photographs

<Conducted Emission>

Remote View





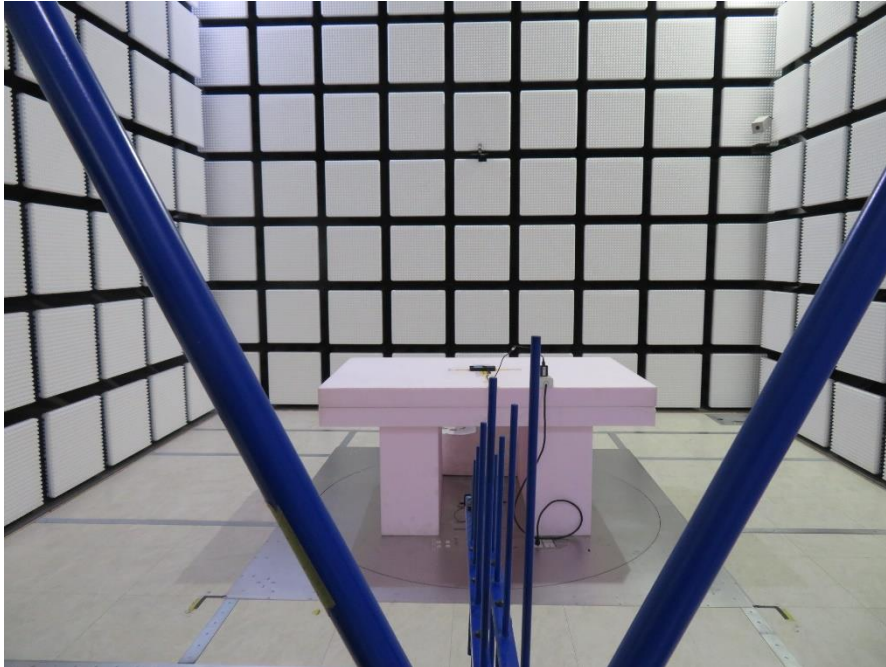
Rear View



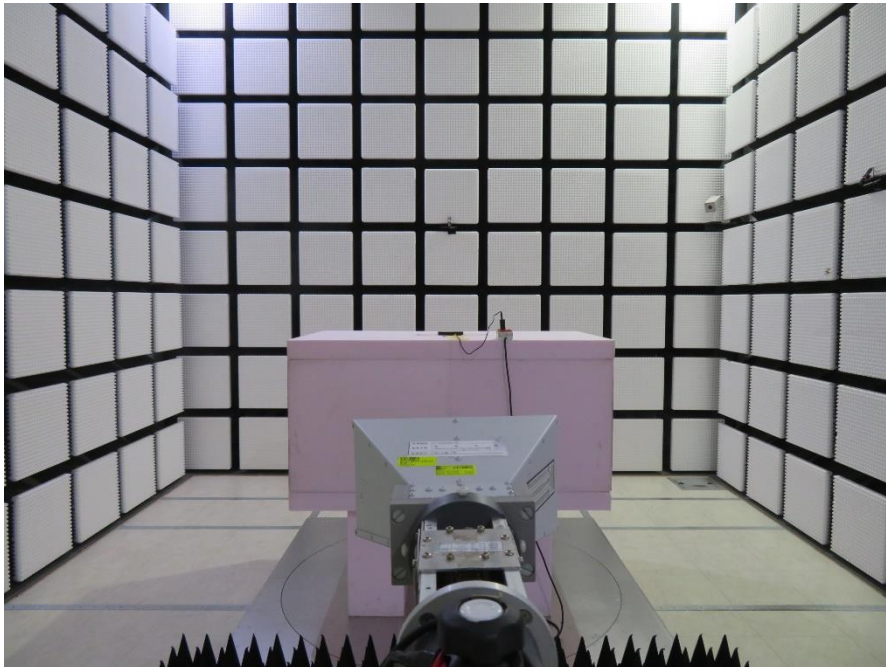
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X Plane

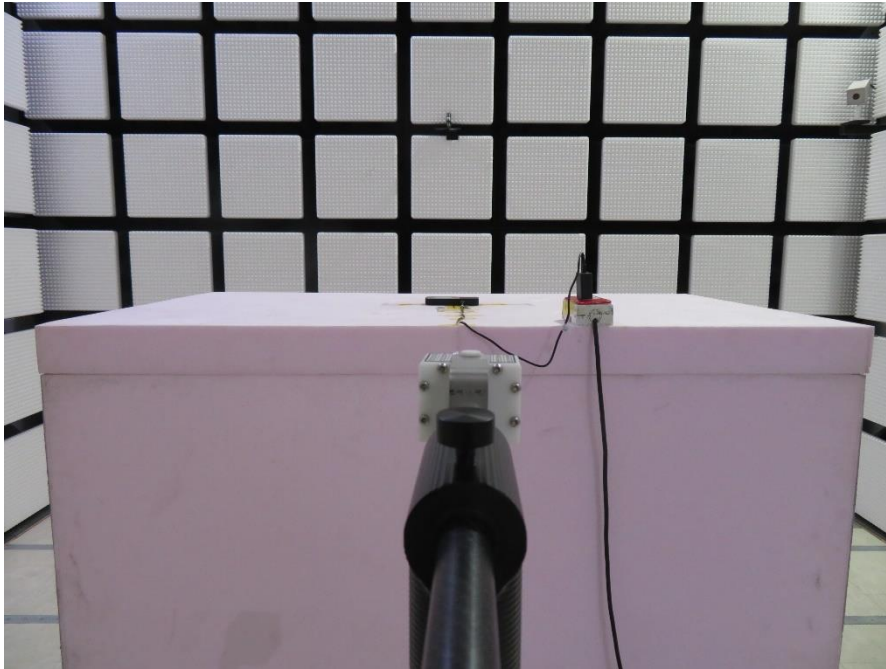
LF



HF



SHF



————THE END————