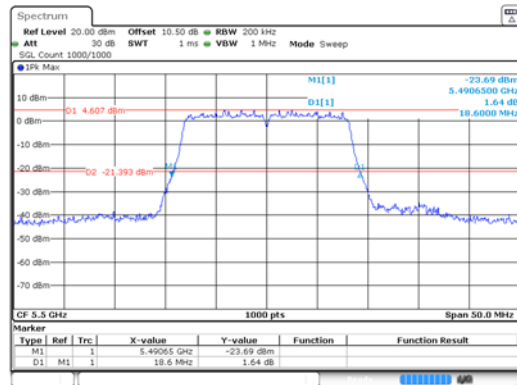
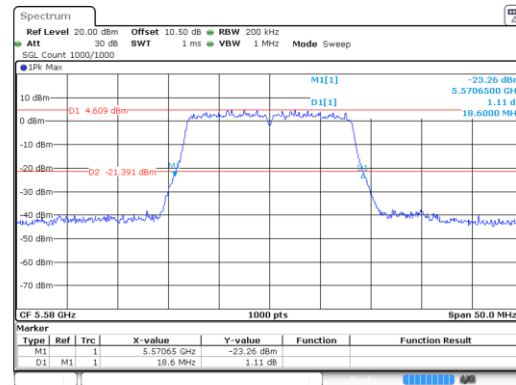
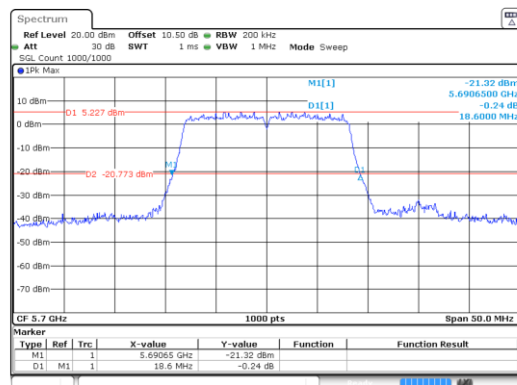


**5470-5725 MHz Band:  
802.11a mode, 5500MHz**

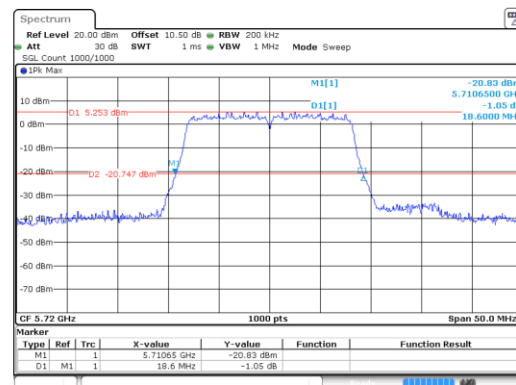
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:58:02

**802.11a mode, 5580MHz**

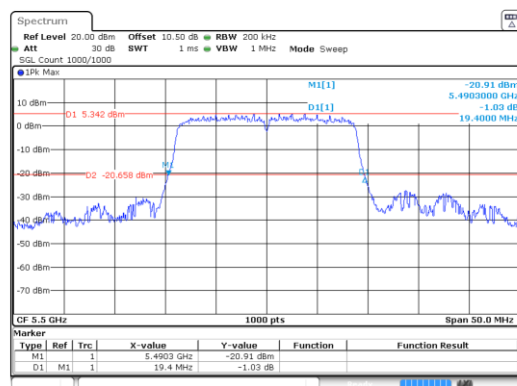
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:00:05

**802.11a mode, 5700MHz**

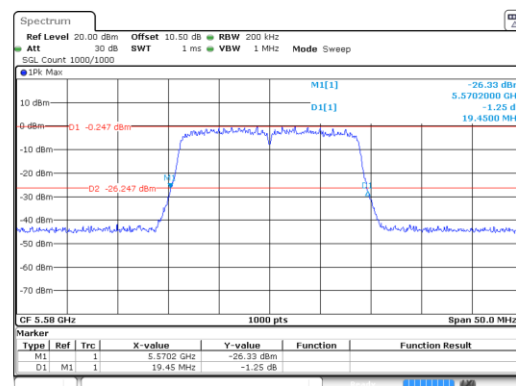
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:02:43

**802.11a mode, 5720MHz**

ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:04:40

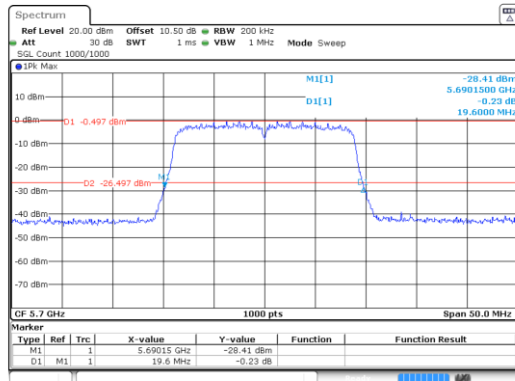
**802.11 ac20 mode, 5500MHz**

ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:07:10

**802.11 ac20 mode, 5580MHz**

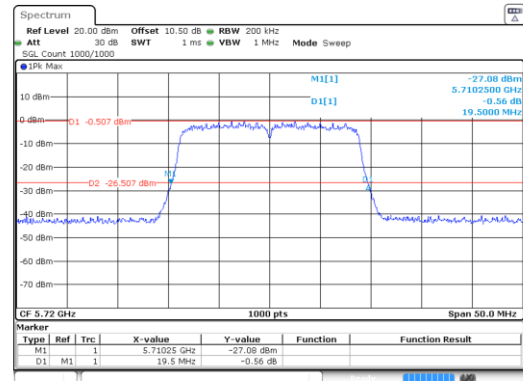
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:09:08

## 802.11 ac20 mode, 5700MHz



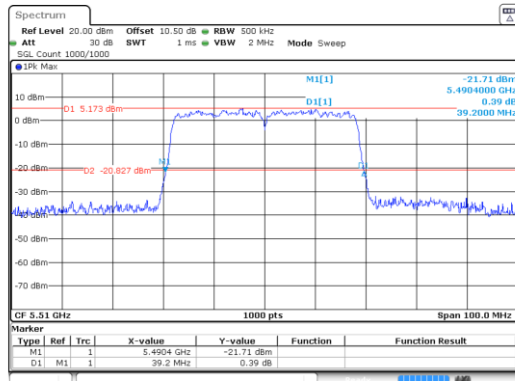
ProjectNo. RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:11:07

## 802.11 ac20 mode, 5720MHz



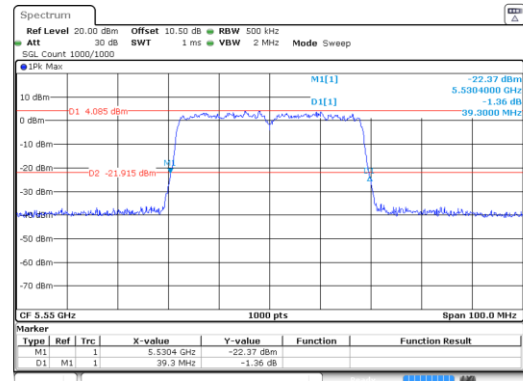
ProjectNo. RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:13:04

## 802.11ac40 mode, 5510MHz



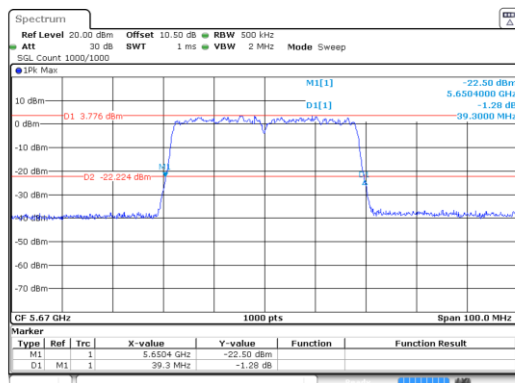
ProjectNo. RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:15:23

## 802.11ac40 mode, 5550MHz



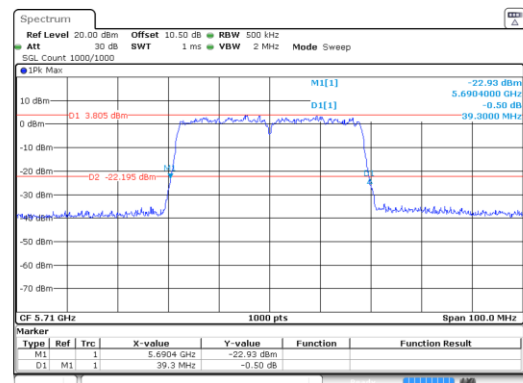
ProjectNo. RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:17:29

## 802.11 ac40 mode, 5670MHz



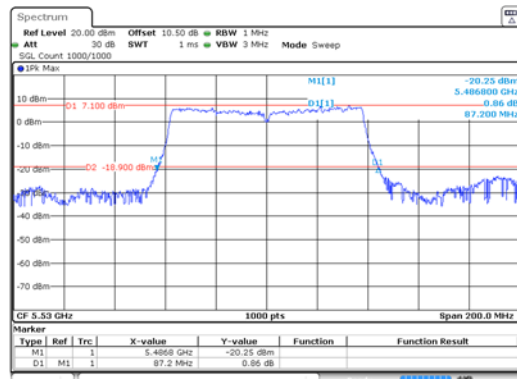
ProjectNo. RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:19:02

## 802.11 ac40 mode, 5710MHz



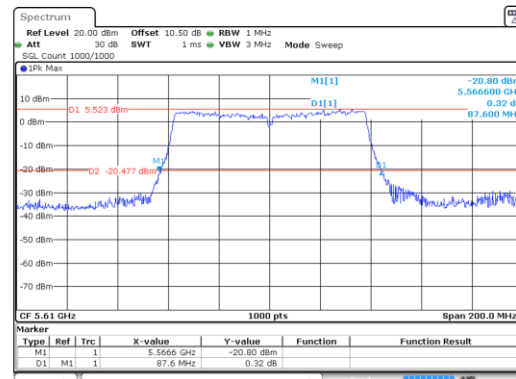
ProjectNo. RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:21:53

## 802.11ac80 mode, 5530MHz



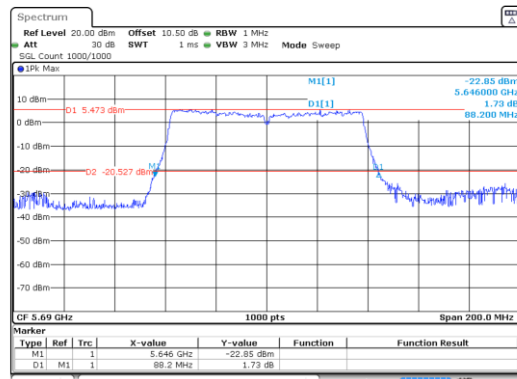
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:24:44

## 802.11ac80 mode, 5610MHz



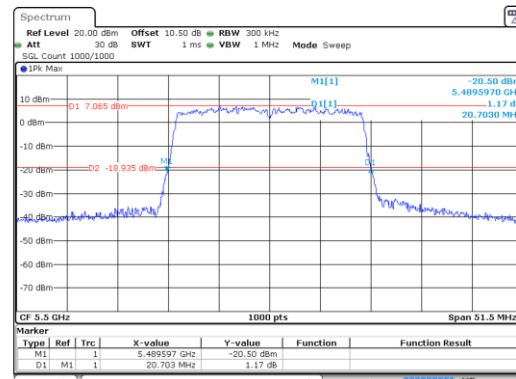
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:26:29

## 802.11ac80 mode, 5690MHz



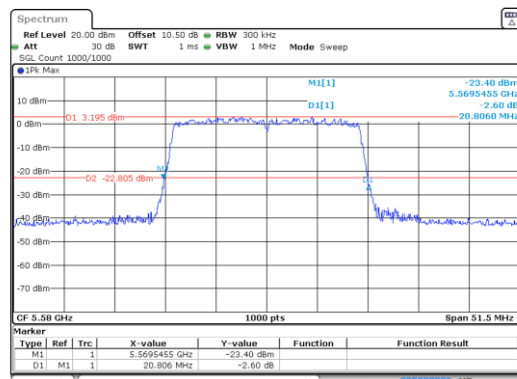
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:28:04

## 802.11ax20 mode, 5500MHz



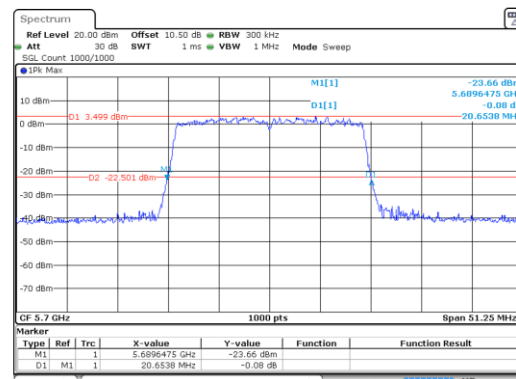
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:43:11

## 802.11ax20 mode, 5580MHz



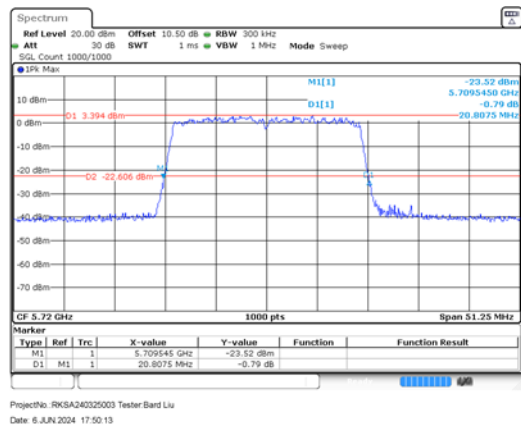
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:45:47

## 802.11ax20 mode, 5700MHz

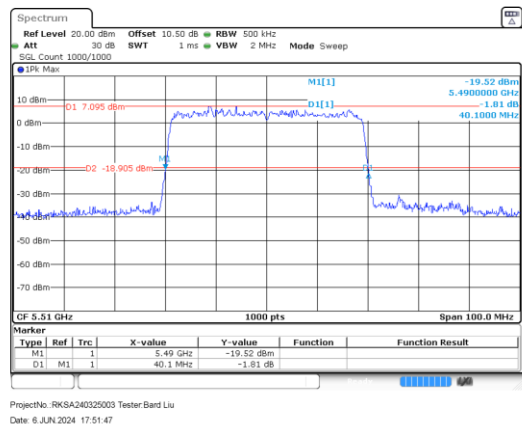


ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:48:14

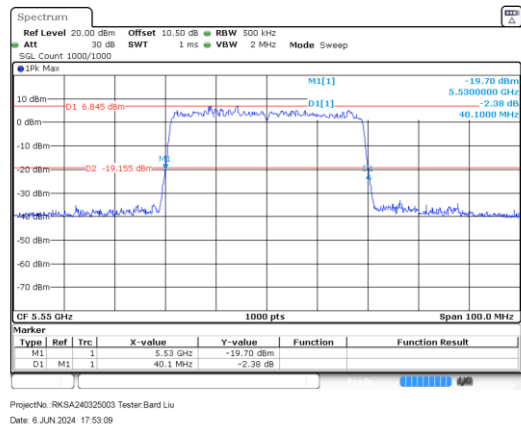
802.11ax20 mode, 5720MHz



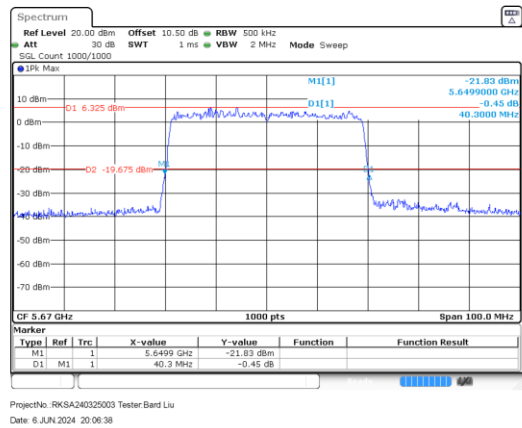
802.11ax40 mode, 5510MHz



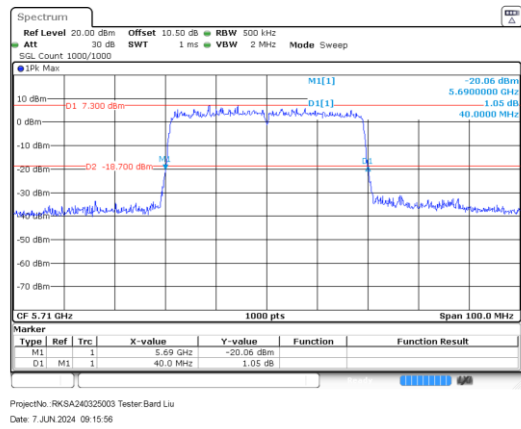
802.11ax40 mode, 5550MHz



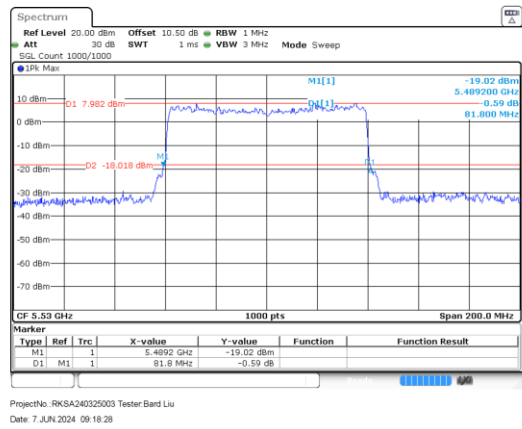
802.11ax40 mode, 5670MHz



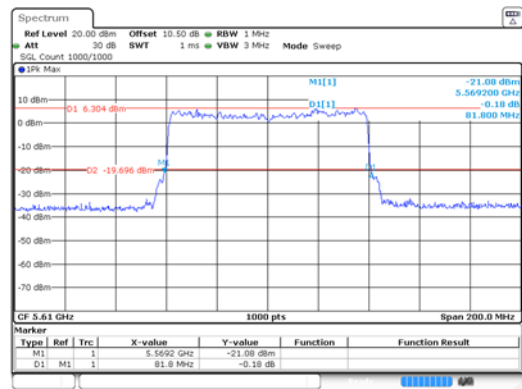
802.11ax40 mode, 5710MHz



802.11ax80 mode, 5530MHz

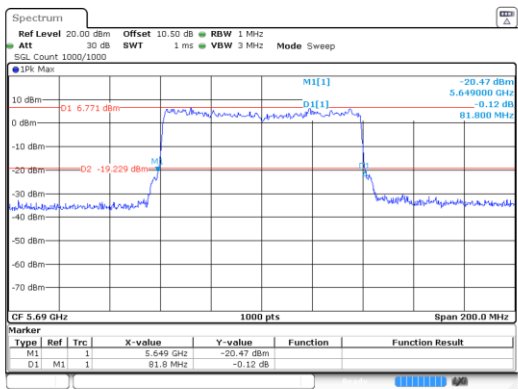


802.11ax80 mode, 5610MHz

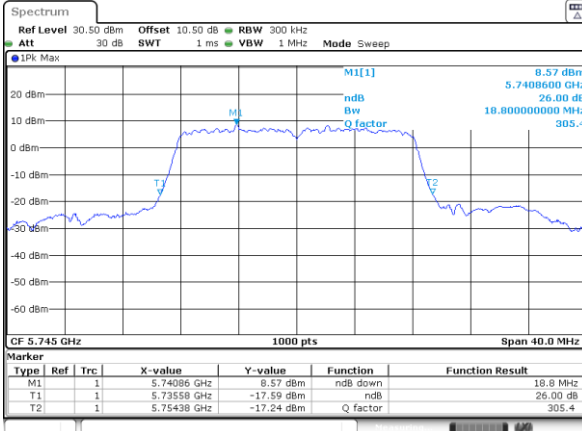


ProjectNo.: RKSA240325003 Tester: Band Liu  
Date: 7 JUN 2024 09:21:25

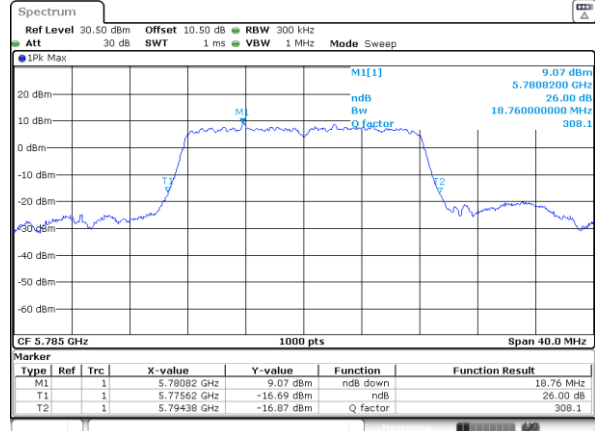
802.11ax80 mode, 5690MHz



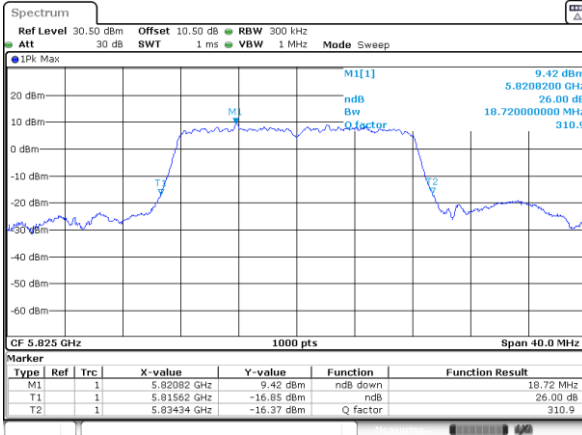
ProjectNo.: RKSA240325003 Tester: Band Liu  
Date: 7 JUN 2024 09:23:08

**5725-5850 MHz Band:  
802.11a mode, 5745MHz**

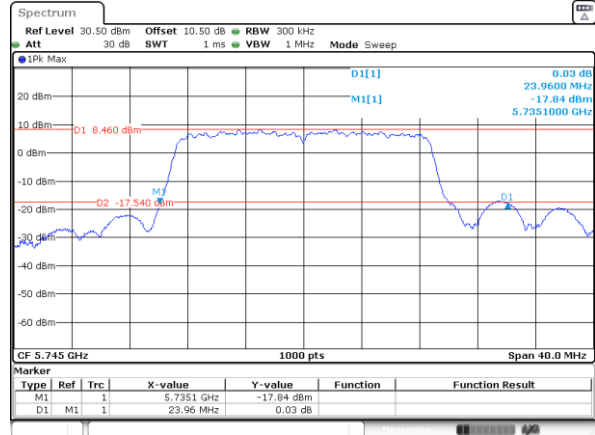
ProjectNo: RKSA240325003 Tester:Barb Liu  
Date: 7 JUN 2024 10:51:07

**802.11a mode, 5785MHz**

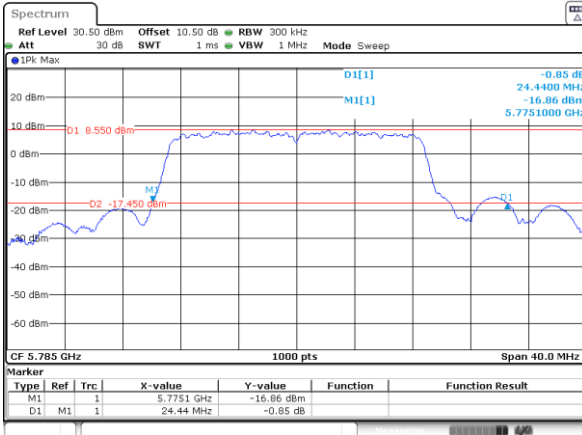
ProjectNo: RKSA240325003 Tester:Barb Liu  
Date: 7 JUN 2024 10:52:26

**802.11a mode, 5825MHz**

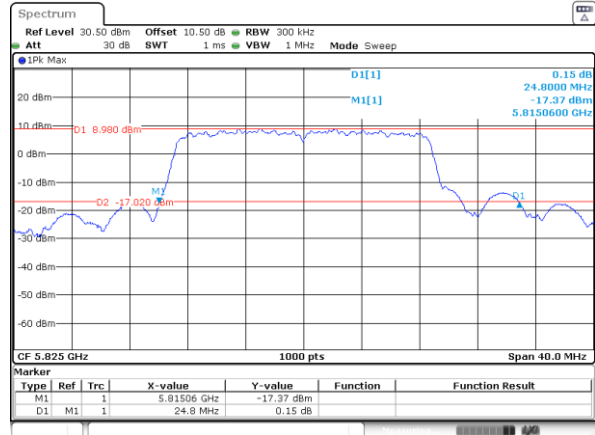
ProjectNo: RKSA240325003 Tester:Barb Liu  
Date: 7 JUN 2024 10:52:57

**802.11ac20 mode, 5745MHz**

ProjectNo: RKSA240325003 Tester:Barb Liu  
Date: 7 JUN 2024 13:17:37

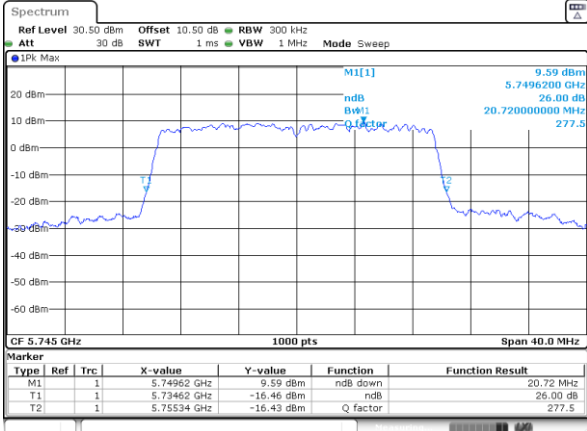
**802.11 ac20 mode, 5785MHz**

ProjectNo: RKSA240325003 Tester:Barb Liu  
Date: 7 JUN 2024 13:18:38

**802.11 ac20 mode, 5825MHz**

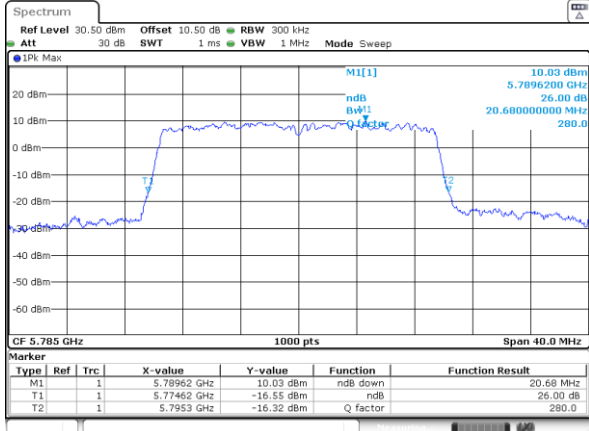
ProjectNo: RKSA240325003 Tester:Barb Liu  
Date: 7 JUN 2024 13:19:58

802.11ax20 mode, 5745MHz



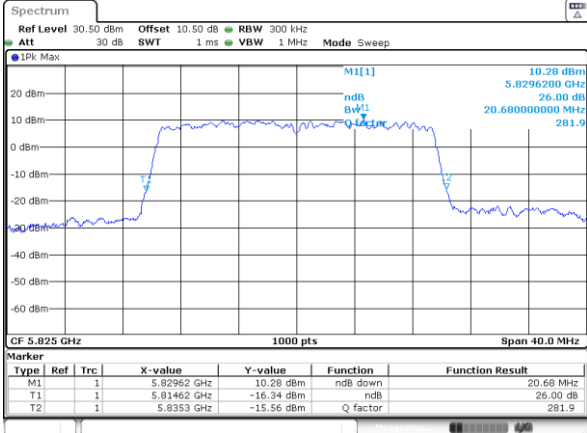
ProjectNo: RKSA240325003 Tester: Bard Liu  
Date: 7 JUN 2024 10:58:43

802.11ax20 mode, 5785MHz



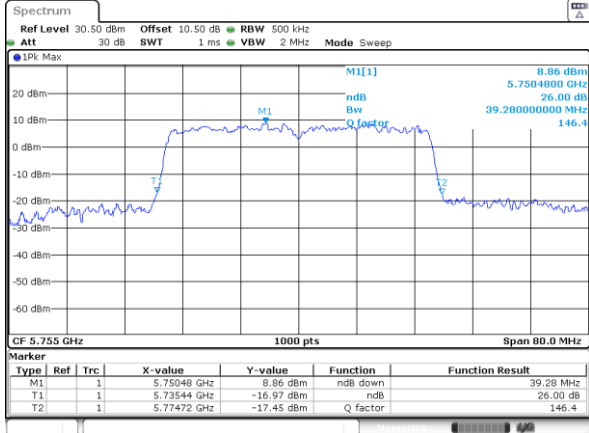
ProjectNo: RKSA240325003 Tester: Bard Liu  
Date: 7 JUN 2024 10:56:40

802.11ax20 mode, 5825MHz



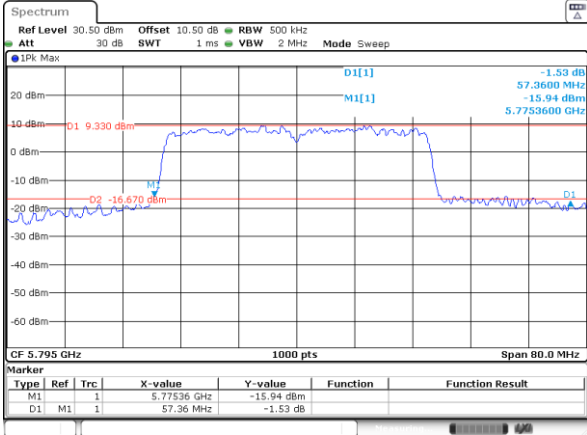
ProjectNo: RKSA240325003 Tester: Bard Liu  
Date: 7 JUN 2024 10:55:27

802.11ac40 mode, 5755MHz



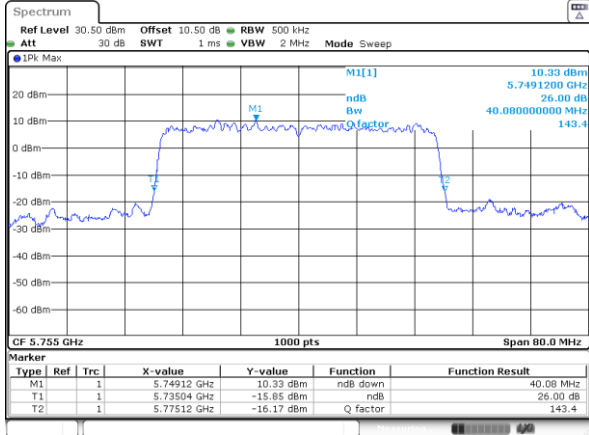
ProjectNo: RKSA240325003 Tester: Bard Liu  
Date: 7 JUN 2024 11:00:55

802.11 ac40 mode, 5795MHz



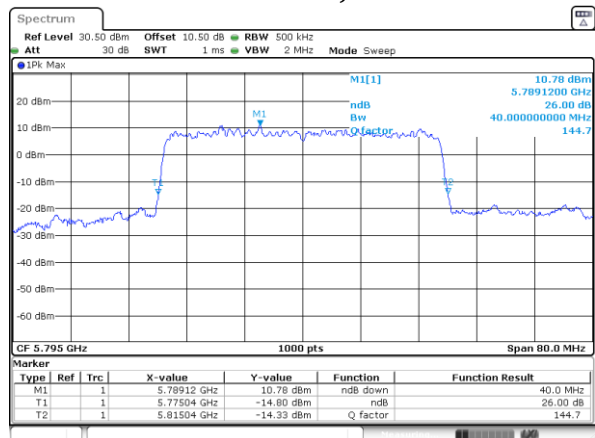
ProjectNo: RKSA240325003 Tester: Bard Liu  
Date: 7 JUN 2024 11:09:53

802.11ax40 mode, 5755MHz



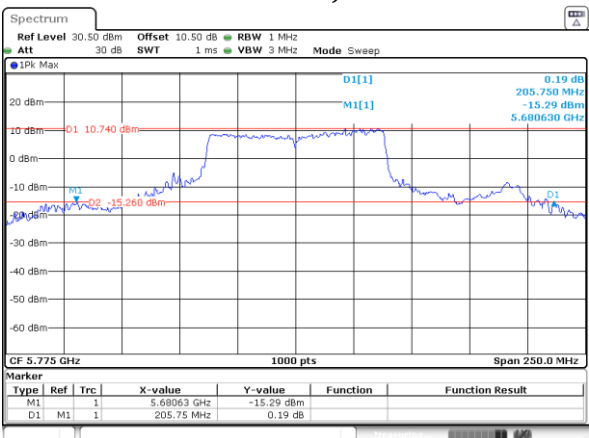
ProjectNo: RKSA240325003 Tester: Bard Liu  
Date: 7 JUN 2024 11:01:26

802.11ax40 mode, 5795MHz



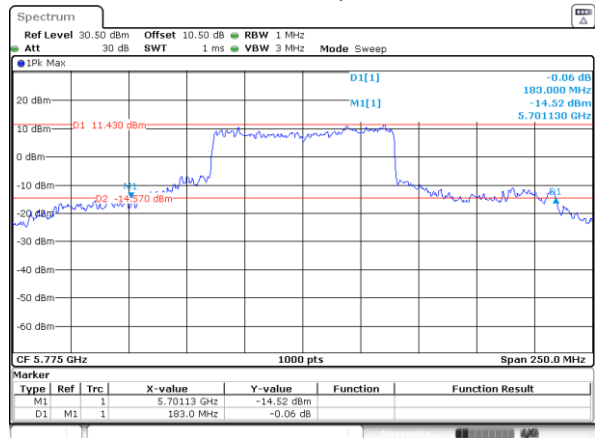
ProjectNo: RKSA240325003 Tester:Band Liu  
Date: 7 JUN 2024 11:02:00

802.11ac80 mode, 5775MHz

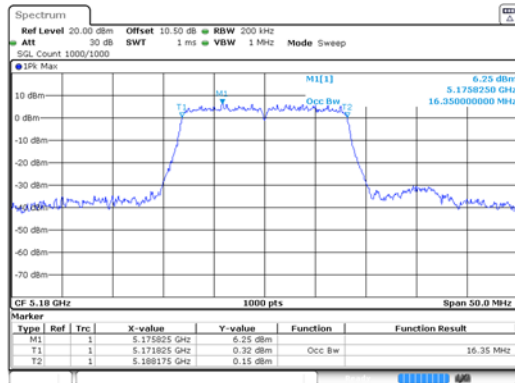
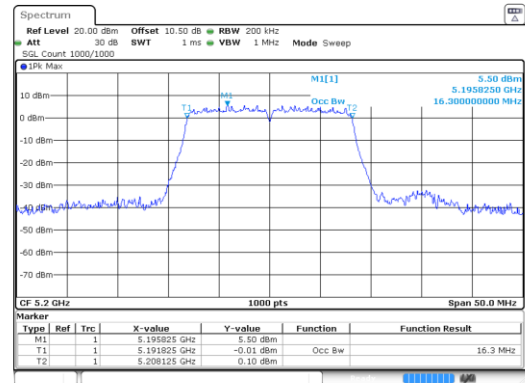
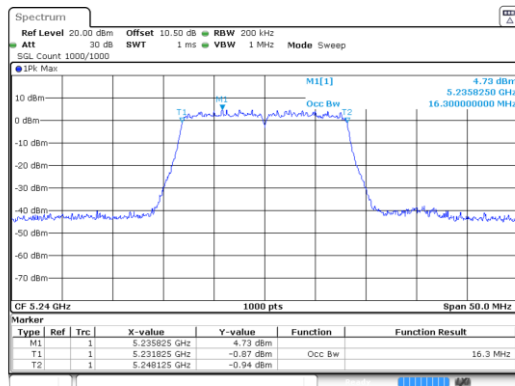
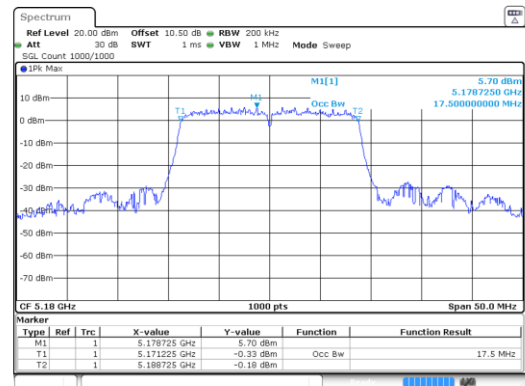
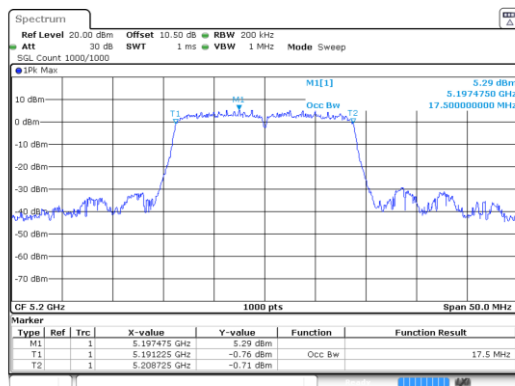
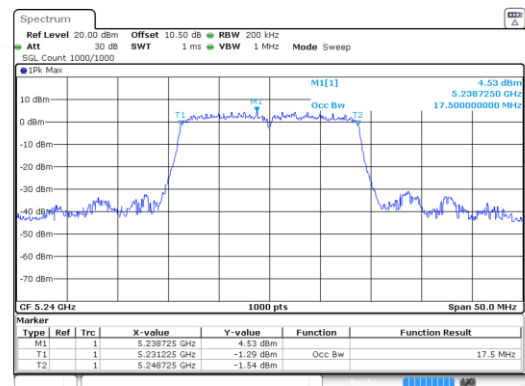


ProjectNo: RKSA240325003 Tester:Band Liu  
Date: 7 JUN 2024 13:03:23

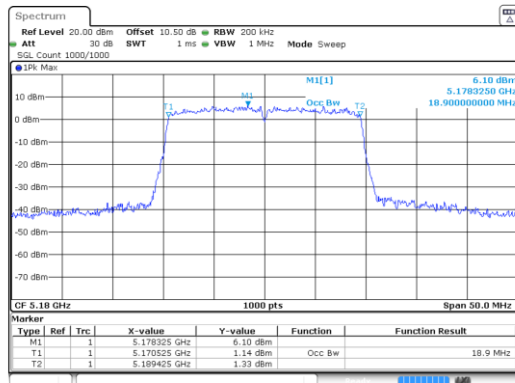
802.11ax80 mode, 5775MHz



ProjectNo: RKSA240325003 Tester:Band Liu  
Date: 7 JUN 2024 13:05:19

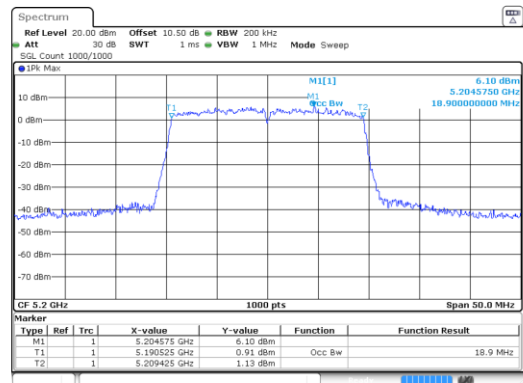
**99% Occupied Bandwidth****5150-5250 MHz Band:****802.11a mode, 5180MHz**ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 15:30:50**802.11a mode, 5200MHz**ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 15:33:48**802.11a mode, 5240MHz**ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 15:35:45**802.11ac20 mode, 5180MHz**ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 15:40:07**802.11 ac20 mode, 5200MHz**ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 15:43:04**802.11 ac20 mode, 5240MHz**ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 15:46:20

## 802.11ax20 mode, 5180MHz



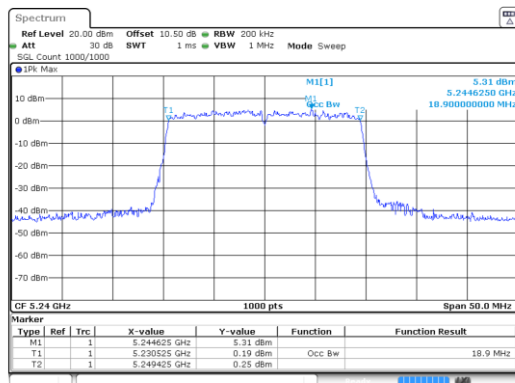
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:03:09

## 802.11ax20 mode, 5200MHz



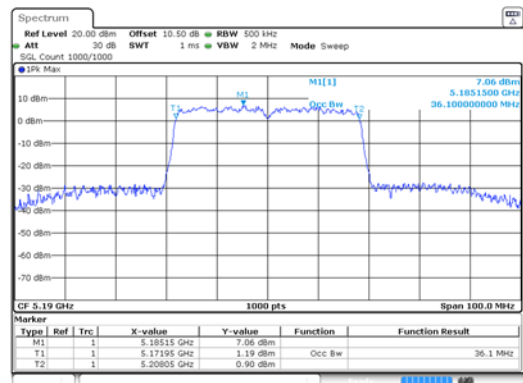
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:04:55

## 802.11ax20 mode, 5240MHz



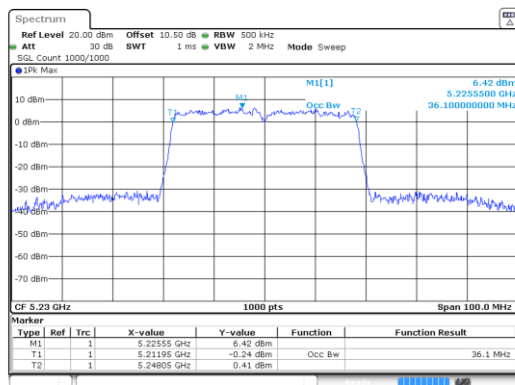
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:06:34

## 802.11ac40 mode, 5190MHz



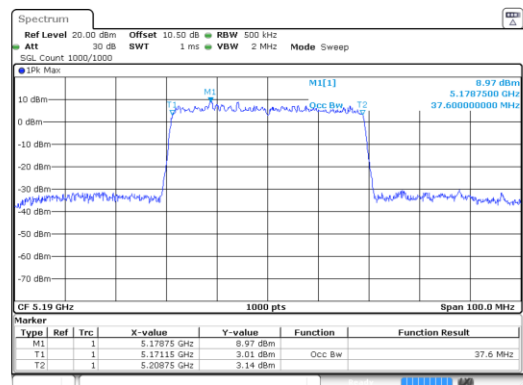
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 15:53:13

## 802.11 ac40 mode, 5230MHz



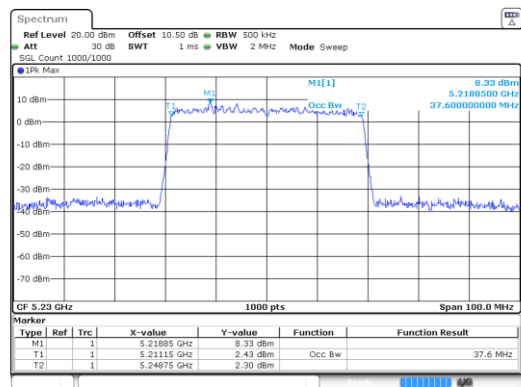
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 15:58:15

## 802.11ax40 mode, 5190MHz



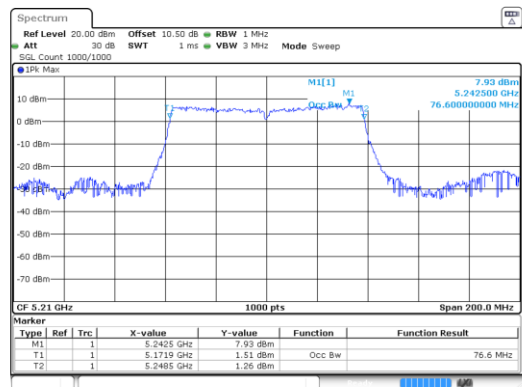
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:09:24

802.11ax40 mode, 5230MHz



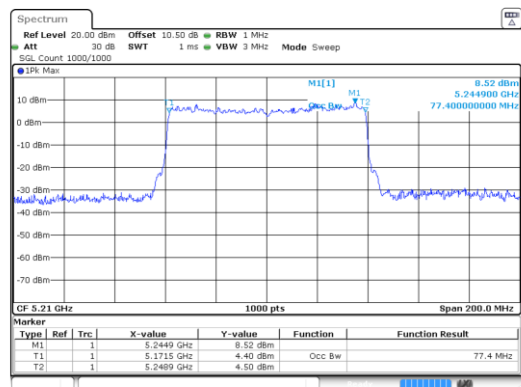
ProjectNo.:RKSA240325003 Tester:Bard Liu  
Date: 6 JUN 2024 16:11:19

802.11ac80 mode, 5210MHz

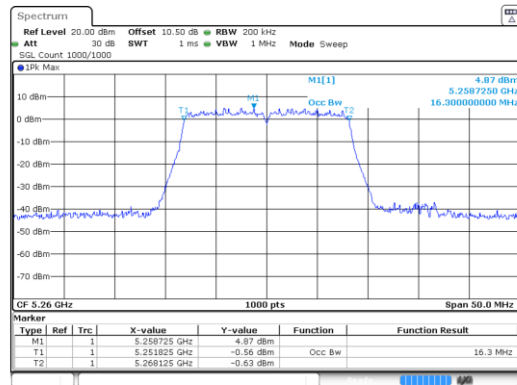


ProjectNo.:RKSA240325003 Tester:Bard Liu  
Date: 6 JUN 2024 16:01:30

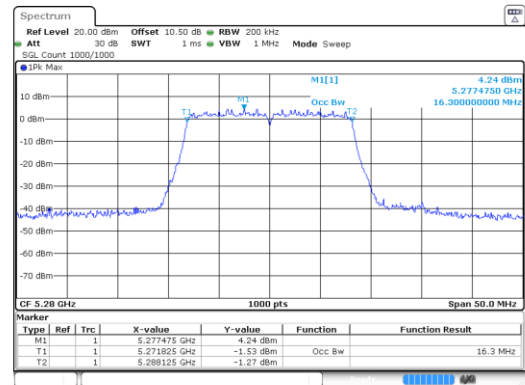
802.11ax80 mode, 5210MHz



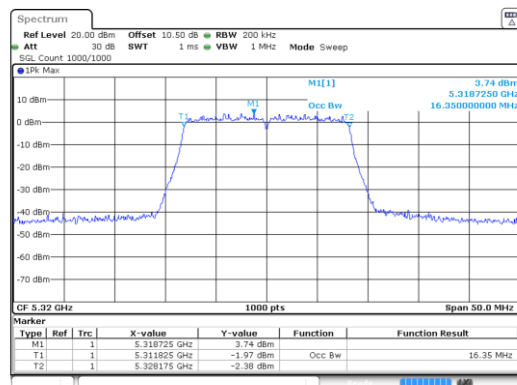
ProjectNo.:RKSA240325003 Tester:Bard Liu  
Date: 6 JUN 2024 16:12:48

**5250-5350 MHz Band:  
802.11a mode, 5260MHz**

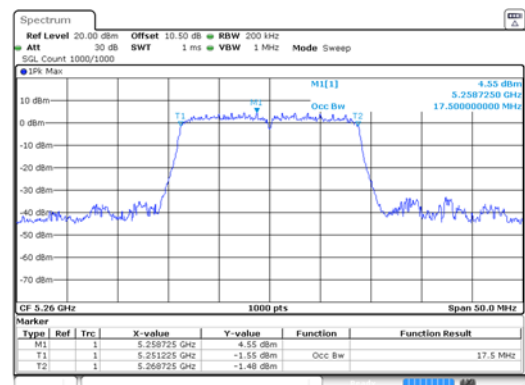
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:14:45

**802.11a mode, 5280MHz**

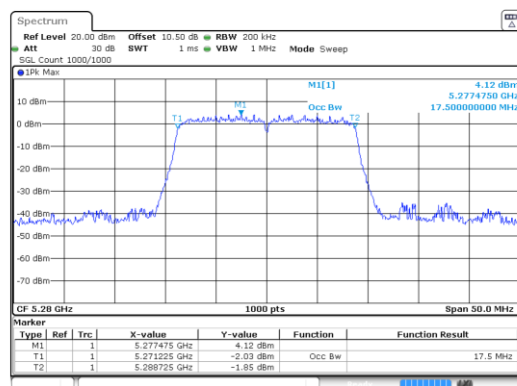
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:27:39

**802.11a mode, 5320MHz**

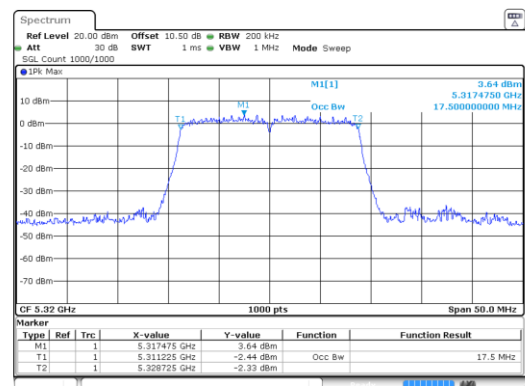
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:29:41

**802.11ac20 mode, 5260MHz**

ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:33:20

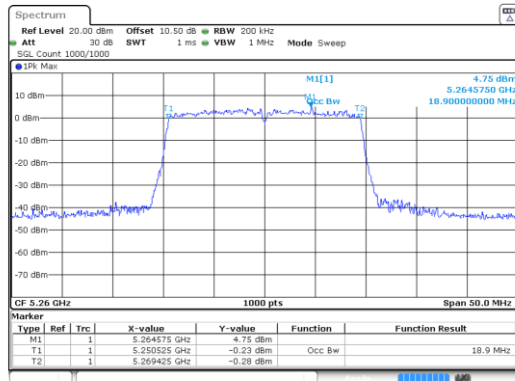
**802.11 ac20 mode, 5280MHz**

ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:35:05

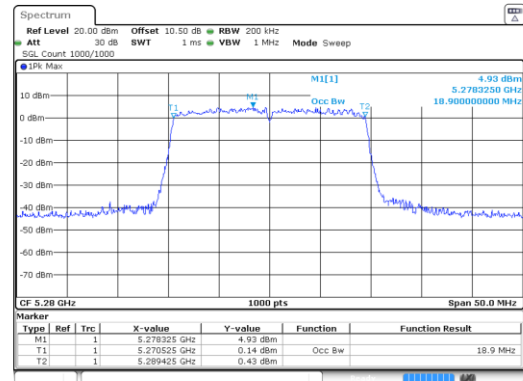
**802.11 ac20 mode, 5320MHz**

ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:36:45

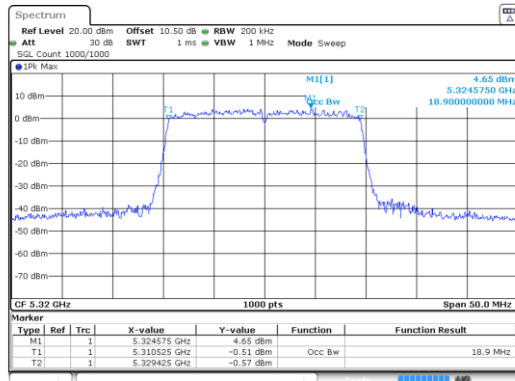
## 802.11ax20 mode, 5260MHz



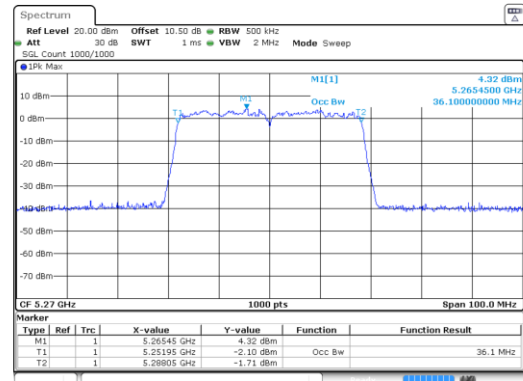
## 802.11ax20 mode, 5280MHz



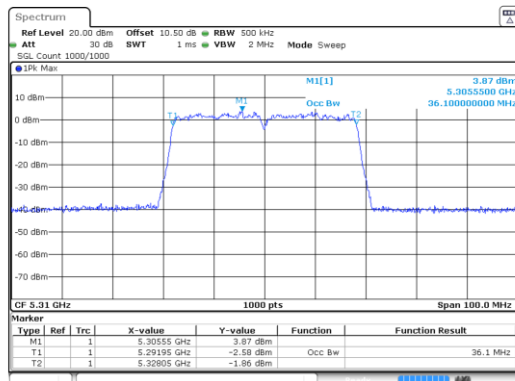
## 802.11ax20 mode, 5320MHz



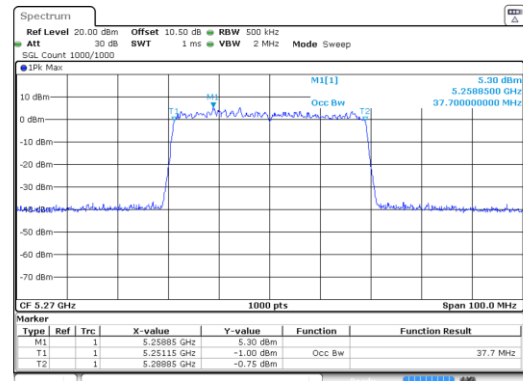
## 802.11ac40 mode, 5270MHz



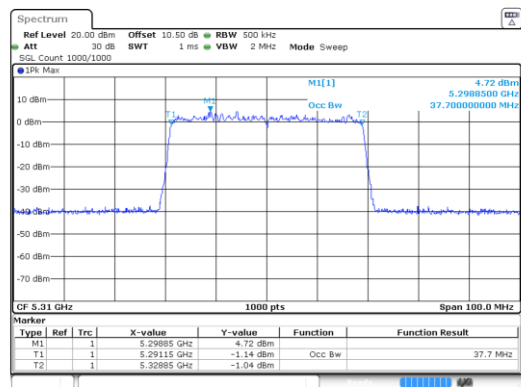
## 802.11 ac40 mode, 5310MHz



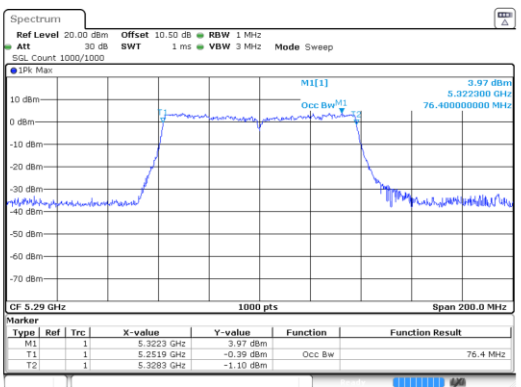
## 802.11ax40 mode, 5270MHz



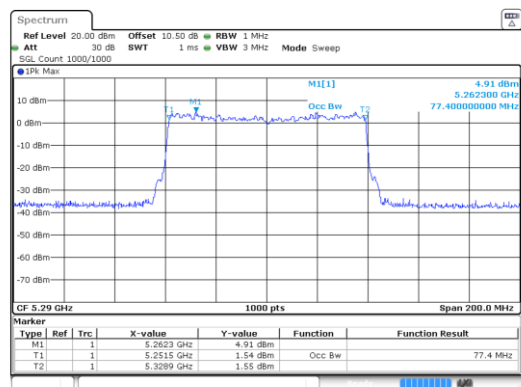
802.11ax40 mode, 5310MHz



802.11ac80 mode, 5290MHz

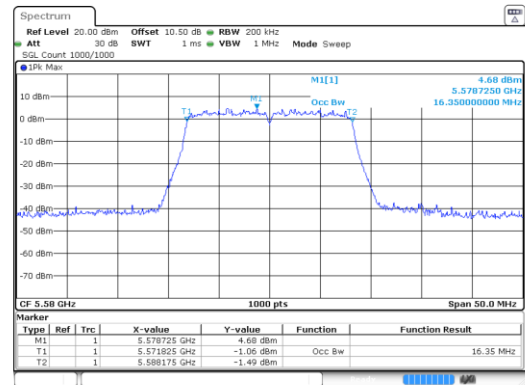


802.11ax80 mode, 5290MHz

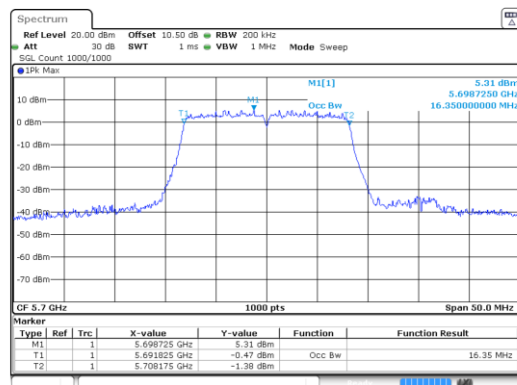


**5470-5725 MHz Band:  
802.11a mode, 5500MHz**

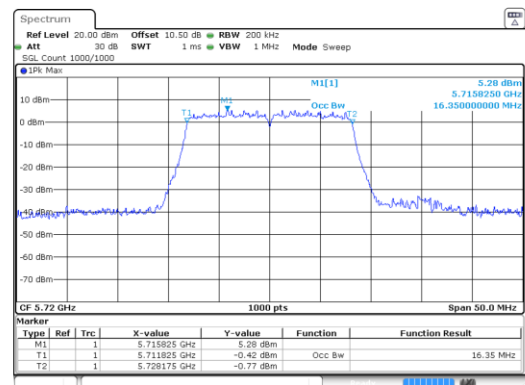
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:57:10

**802.11a mode, 5580MHz**

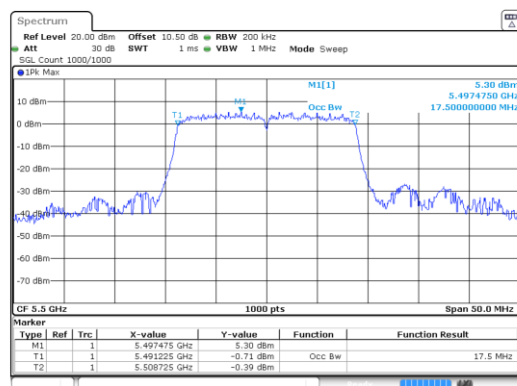
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 16:59:21

**802.11a mode, 5700MHz**

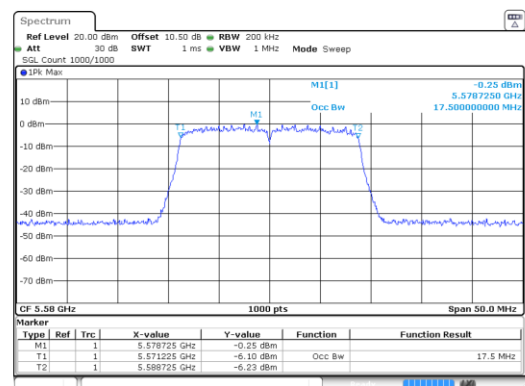
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:01:52

**802.11a mode, 5720MHz**

ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:03:47

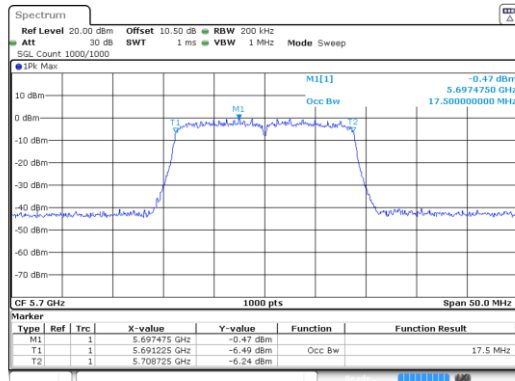
**802.11 ac20 mode, 5500MHz**

ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:08:24

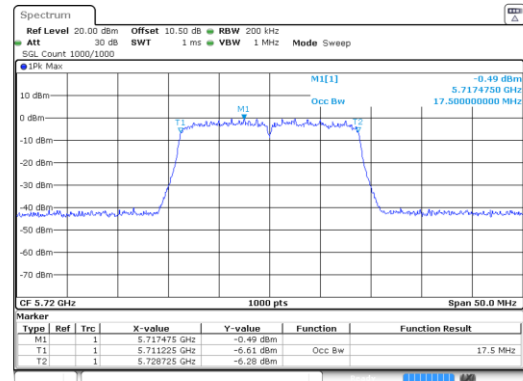
**802.11 ac20 mode, 5580MHz**

ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:08:18

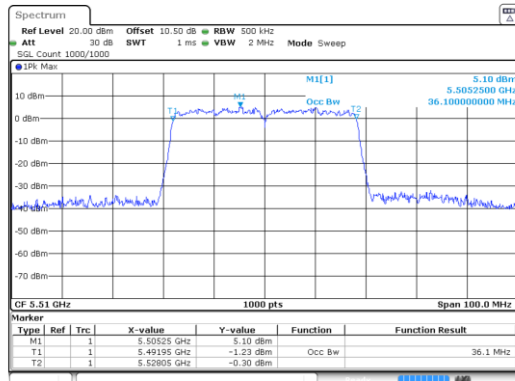
## 802.11 ac20 mode, 5700MHz



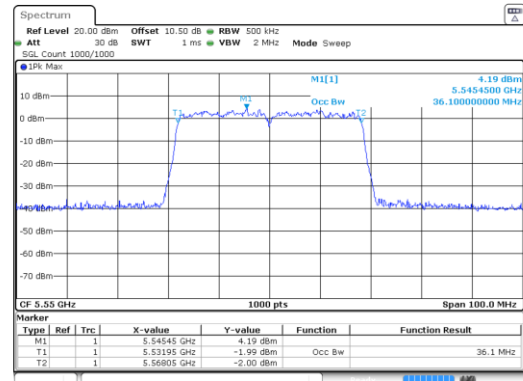
## 802.11 ac20 mode, 5720MHz



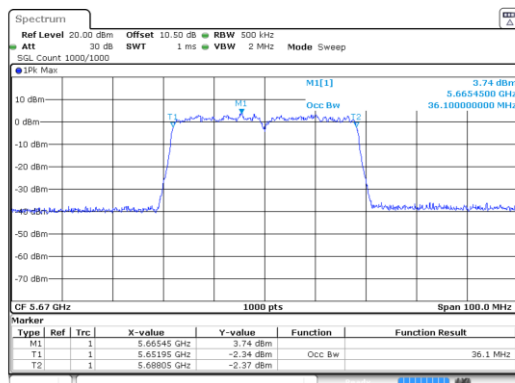
## 802.11ac40 mode, 5510MHz



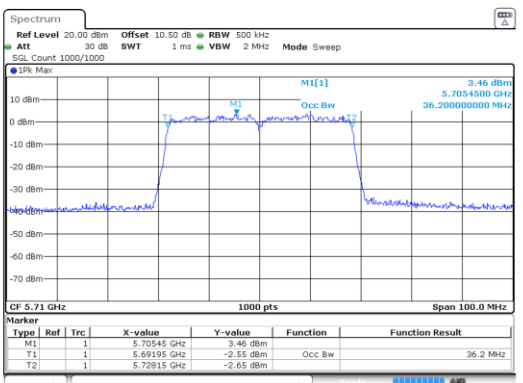
## 802.11ac40 mode, 5550MHz



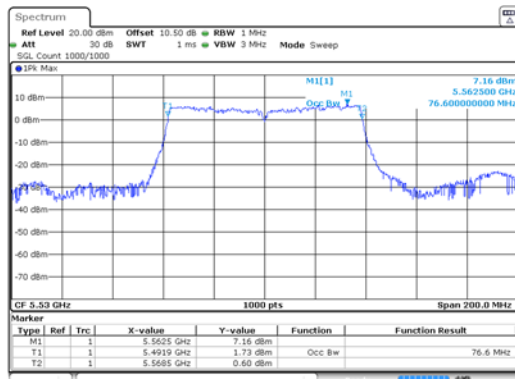
## 802.11 ac40 mode, 5670MHz



## 802.11 ac40 mode, 5710MHz

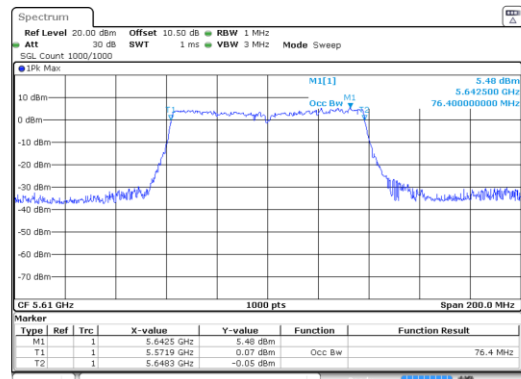


## 802.11ac80 mode, 5530MHz



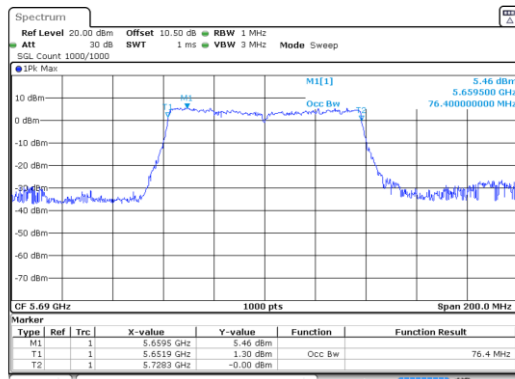
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:23:39

## 802.11ac80 mode, 5610MHz



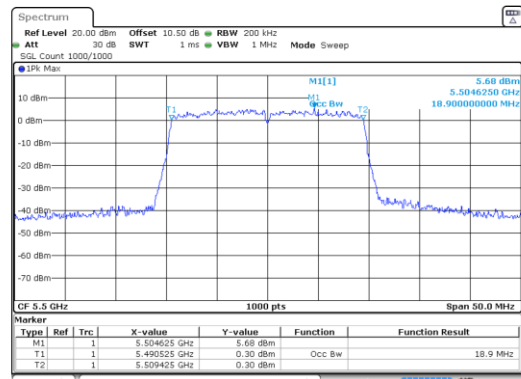
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:25:38

## 802.11ac80 mode, 5690MHz



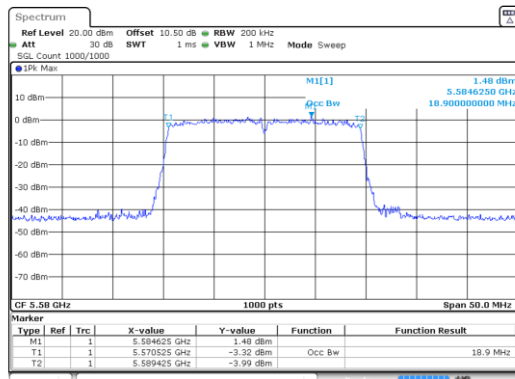
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:27:19

## 802.11ax20 mode, 5500MHz



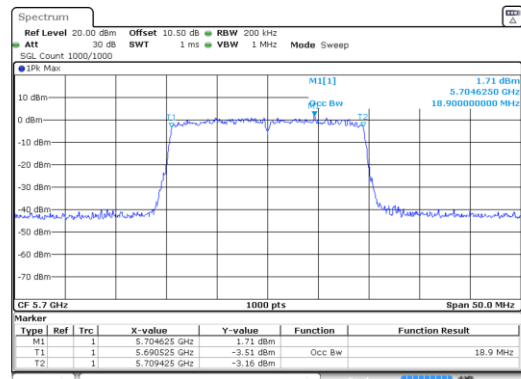
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:42:17

## 802.11ax20 mode, 5580MHz



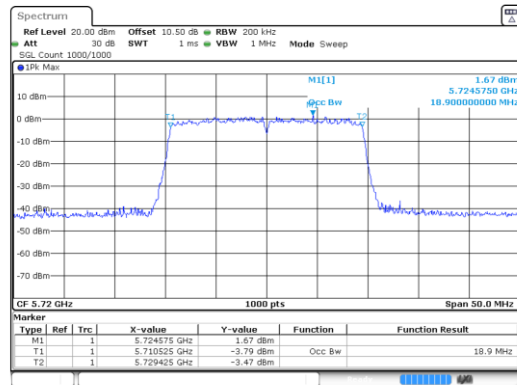
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:44:25

## 802.11ax20 mode, 5700MHz



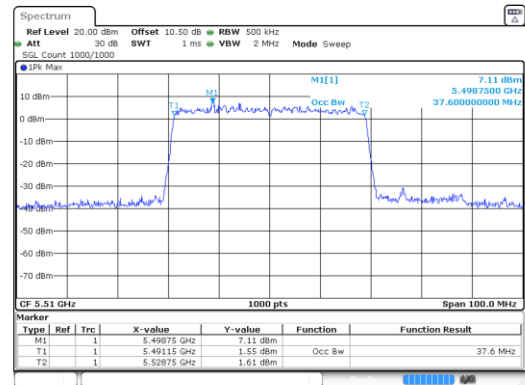
ProjectNo.: RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:47:01

## 802.11ax20 mode, 5720MHz



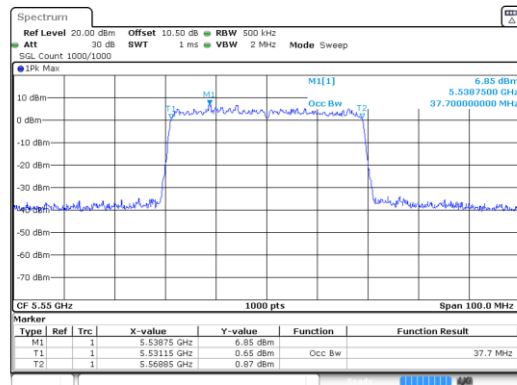
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:49:17

## 802.11ax40 mode, 5510MHz



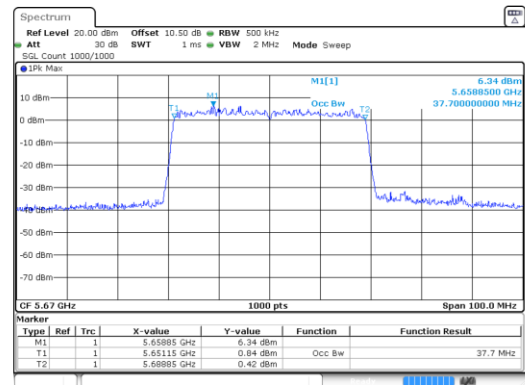
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:51:12

## 802.11ax40 mode, 5550MHz



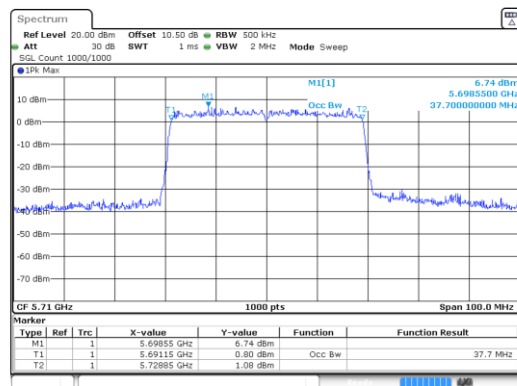
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 17:52:34

## 802.11ax40 mode, 5670MHz



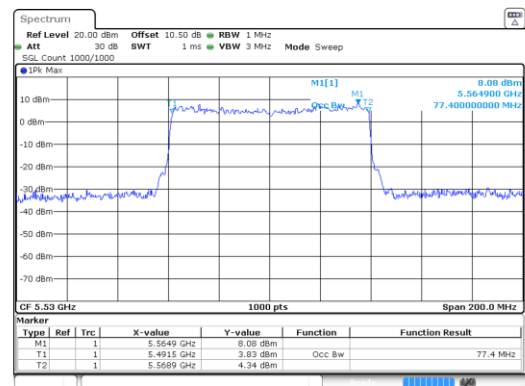
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 6 JUN 2024 20:05:30

## 802.11ax40 mode, 5710MHz



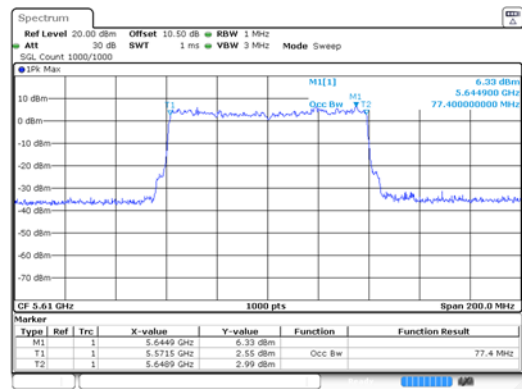
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:14:47

## 802.11ax80 mode, 5530MHz



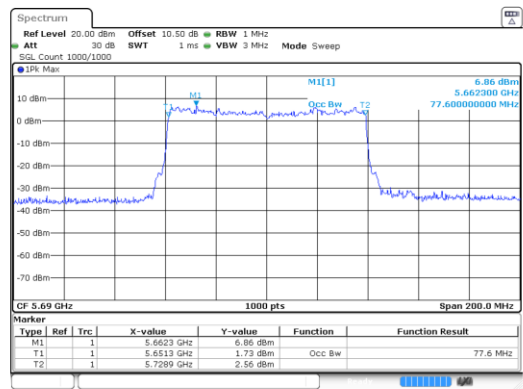
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:17:49

802.11ax80 mode, 5610MHz

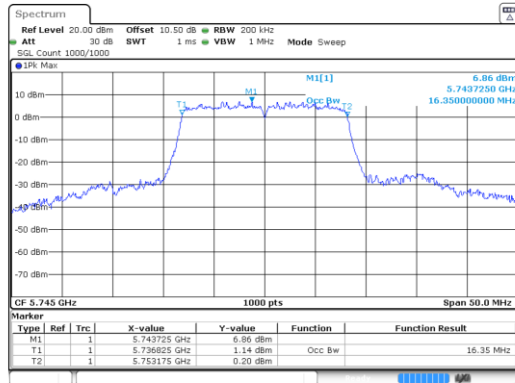


ProjectNo: RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:20:48

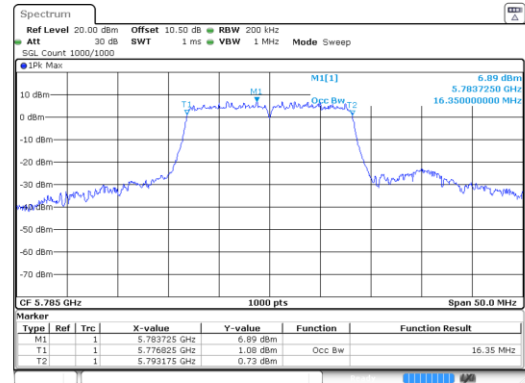
802.11ax80 mode, 5690MHz



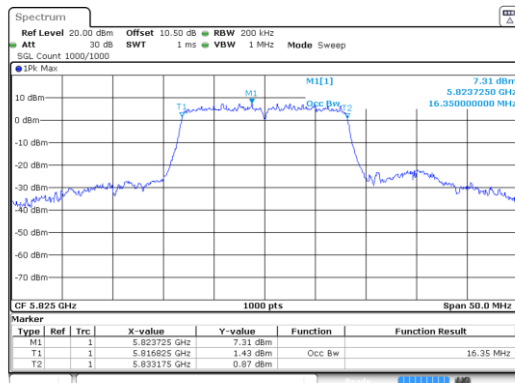
ProjectNo: RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:22:23

**5725-5850 MHz Band:  
802.11a mode, 5745MHz**

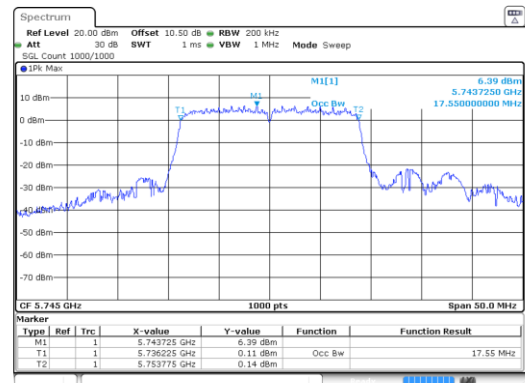
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:24:24

**802.11a mode, 5785MHz**

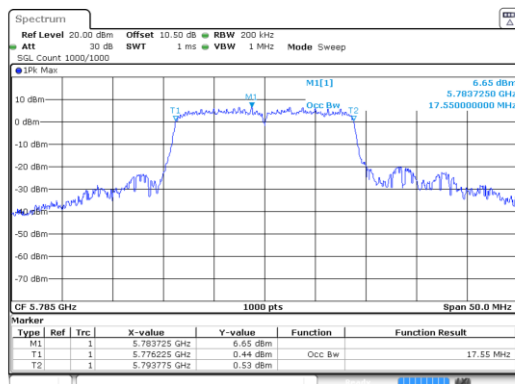
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:26:36

**802.11a mode, 5825MHz**

ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:28:50

**802.11ac20 mode, 5745MHz**

ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:34:15

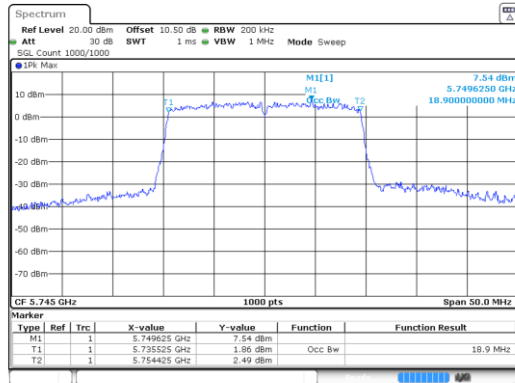
**802.11 ac20 mode, 5785MHz**

ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:37:53

**802.11 ac20 mode, 5825MHz**

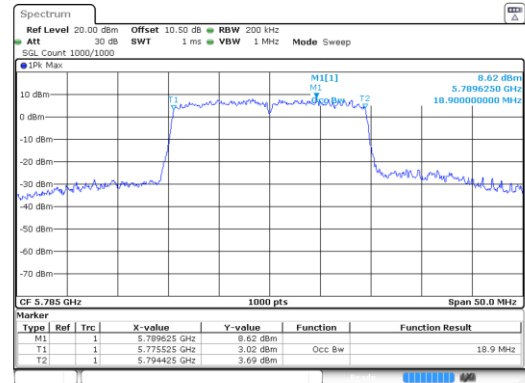
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:55:12

## 802.11ax20 mode, 5745MHz



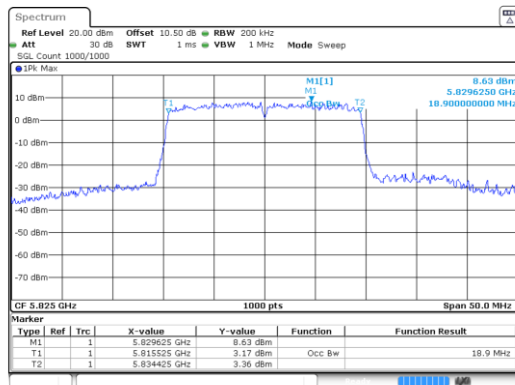
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 10:02:53

## 802.11ax20 mode, 5785MHz



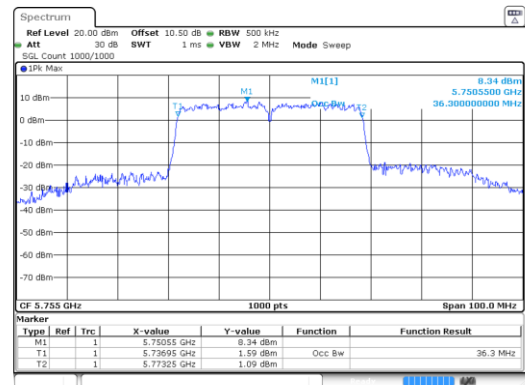
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 10:26:18

## 802.11ax20 mode, 5825MHz



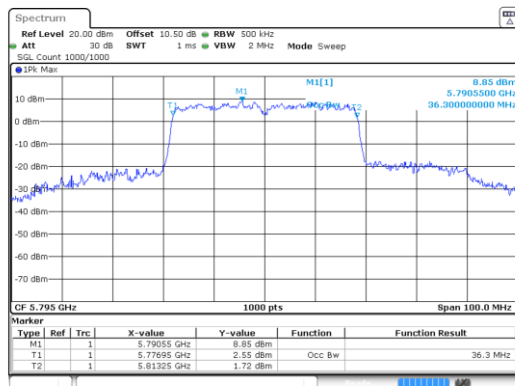
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 10:30:10

## 802.11ac40 mode, 5755MHz



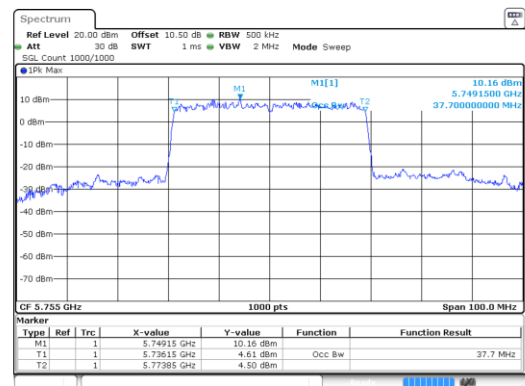
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:57:20

## 802.11 ac40 mode, 5795MHz



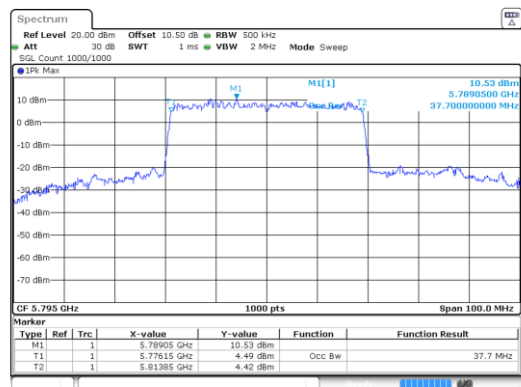
ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 09:59:09

## 802.11ax40 mode, 5755MHz

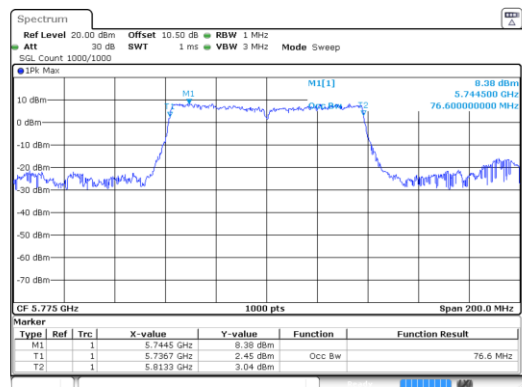


ProjectNo.:RKSA240325003 Tester Band Liu  
Date: 7 JUN 2024 10:31:47

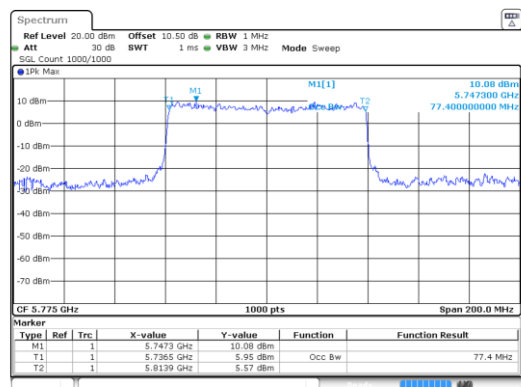
802.11ax40 mode, 5795MHz



802.11ac80 mode, 5775MHz



802.11ax80 mode, 5775MHz



**CONDUCTED TRANSMITTER OUTPUT POWER***Test Mode: Transmitting*

| Band          | Mode       | Frequency (MHz) | Reading (dBm) |         |       | Limit (dBm) |
|---------------|------------|-----------------|---------------|---------|-------|-------------|
|               |            |                 | Chain 0       | Chain 1 | Total |             |
| 5150-5250 MHz | 802.11a    | 5180            | 18.21         | 18.38   | /     | 24          |
|               |            | 5200            | 18.23         | 18.41   | /     |             |
|               |            | 5240            | 17.15         | 17.59   | /     |             |
|               | 802.11ac20 | 5180            | 18.51         | 18.77   | 21.65 |             |
|               |            | 5200            | 18.36         | 18.71   | 21.55 |             |
|               |            | 5240            | 17.59         | 18.22   | 20.93 |             |
|               | 802.11ac40 | 5190            | 18.61         | 17.89   | 21.28 |             |
|               |            | 5230            | 18.03         | 17.18   | 20.64 |             |
|               | 802.11ac80 | 5210            | 18.01         | 18.11   | 21.07 |             |
|               | 802.11ax20 | 5180            | 18.74         | 18.76   | 21.76 |             |
|               |            | 5200            | 18.25         | 18.78   | 21.53 |             |
|               |            | 5240            | 17.38         | 18.23   | 20.84 |             |
|               | 802.11ax40 | 5190            | 18.39         | 17.96   | 21.19 |             |
|               |            | 5230            | 17.61         | 17.21   | 20.42 |             |
|               | 802.11ax80 | 5210            | 18.11         | 18.05   | 21.09 |             |

Note:

The maximum antenna gain is 2.72 dBi, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for  $N_{ANT} \leq 4$ ;

So: Directional gain =  $G_{ANT} + \text{Array Gain} = 2.72 \text{ dBi} < 6 \text{ dBi}$ , no RF output power limit was reduced

| Band          | Mode       | Frequency (MHz) | Reading (dBm) |         |       | Limit (dBm) |
|---------------|------------|-----------------|---------------|---------|-------|-------------|
|               |            |                 | Chain 0       | Chain 1 | Total |             |
| 5250-5350 MHz | 802.11a    | 5260            | 16.77         | 17.97   | /     | 24          |
|               |            | 5280            | 16.95         | 17.48   | /     |             |
|               |            | 5320            | 16.18         | 16.41   | /     |             |
|               | 802.11ac20 | 5260            | 17.37         | 18.06   | 20.74 |             |
|               |            | 5280            | 17.03         | 17.59   | 20.33 |             |
|               |            | 5320            | 16.33         | 16.66   | 19.51 |             |
|               | 802.11ac40 | 5270            | 16.91         | 16.55   | 19.74 |             |
|               |            | 5310            | 14.43         | 13.89   | 17.18 |             |
|               | 802.11ac80 | 5290            | 14.67         | 14.69   | 17.69 |             |
|               | 802.11ax20 | 5260            | 17.38         | 18.14   | 20.79 |             |
|               |            | 5280            | 17.08         | 17.69   | 20.41 |             |
|               |            | 5320            | 16.36         | 16.67   | 19.53 |             |
|               | 802.11ax40 | 5270            | 16.82         | 16.67   | 19.76 |             |
|               |            | 5310            | 15.32         | 15.89   | 18.62 |             |
|               | 802.11ax80 | 5290            | 14.71         | 14.66   | 17.70 |             |

**Note:**

The maximum antenna gain is 2.93 dBi, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;

So: Directional gain = GANT + Array Gain = 2.93 dBi < 6dBi, no RF output power limit was reduced

| Band          | Mode       | Frequency (MHz) | Reading (dBm) |         |       | Limit (dBm) |
|---------------|------------|-----------------|---------------|---------|-------|-------------|
|               |            |                 | Chain 0       | Chain 1 | Total |             |
| 5470-5725 MHz | 802.11a    | 5500            | 15.24         | 16.84   | /     | 24          |
|               |            | 5580            | 15.36         | 16.94   | /     |             |
|               |            | 5700            | 16.09         | 15.93   | /     |             |
|               |            | 5720            | 15.92         | 15.67   | /     |             |
|               | 802.11ac20 | 5500            | 16.52         | 16.98   | 19.77 |             |
|               |            | 5580            | 16.51         | 17.09   | 19.82 |             |
|               |            | 5700            | 10.57         | 11.01   | 13.81 |             |
|               |            | 5720            | 10.49         | 10.75   | 13.63 |             |
|               | 802.11ac40 | 5510            | 14.69         | 14.75   | 17.73 |             |
|               |            | 5550            | 14.24         | 14.91   | 17.60 |             |
|               |            | 5670            | 13.67         | 13.84   | 16.77 |             |
|               |            | 5710            | 13.37         | 13.45   | 16.42 |             |
|               | 802.11ac80 | 5530            | 15.86         | 16.26   | 19.07 |             |
|               |            | 5610            | 14.97         | 15.15   | 18.07 |             |
|               |            | 5690            | 14.21         | 14.55   | 17.39 |             |
|               | 802.11ax20 | 5500            | 15.48         | 16.14   | 18.83 |             |
|               |            | 5580            | 15.68         | 16.29   | 19.01 |             |
|               |            | 5700            | 11.83         | 12.08   | 14.97 |             |
|               |            | 5720            | 11.68         | 12.02   | 14.86 |             |
|               | 802.11ax40 | 5510            | 14.65         | 14.62   | 17.65 |             |
|               |            | 5550            | 14.71         | 14.84   | 17.79 |             |
|               |            | 5670            | 13.52         | 13.62   | 16.58 |             |
|               |            | 5710            | 13.27         | 13.27   | 16.28 |             |
|               | 802.11ax80 | 5530            | 15.84         | 16.32   | 19.10 |             |
|               |            | 5610            | 14.96         | 15.15   | 18.07 |             |
|               |            | 5690            | 14.23         | 14.51   | 17.38 |             |

## Note:

The maximum antenna gain is 3.01 dBi, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for  $N_{ANT} \leq 4$ ;

So: Directional gain = GANT + Array Gain = 3.01 dBi < 6dBi, no RF output power limit was reduced

| Band          | Mode       | Frequency (MHz) | Result (dBm) |         |       | Limit (dBm) |
|---------------|------------|-----------------|--------------|---------|-------|-------------|
|               |            |                 | Chain 0      | Chain 1 | Total |             |
| 5725-5850 MHz | 802.11a    | 5745            | 17.06        | 17.09   | /     | 30          |
|               |            | 5785            | 17.59        | 17.33   | /     |             |
|               |            | 5825            | 18.12        | 18.03   | /     |             |
|               | 802.11ac20 | 5745            | 17.18        | 17.18   | 20.19 |             |
|               |            | 5785            | 17.79        | 17.57   | 20.69 |             |
|               |            | 5825            | 18.32        | 18.23   | 21.29 |             |
|               | 802.11ac40 | 5755            | 17.18        | 16.86   | 20.03 |             |
|               |            | 5795            | 17.68        | 17.29   | 20.50 |             |
|               | 802.11ac80 | 5775            | 19.03        | 17.39   | 21.30 |             |
|               | 802.11ax20 | 5745            | 17.32        | 17.41   | 20.38 |             |
|               |            | 5785            | 17.86        | 17.63   | 20.76 |             |
|               |            | 5825            | 18.44        | 18.31   | 21.39 |             |
|               | 802.11ax40 | 5755            | 17.25        | 16.92   | 20.10 |             |
|               |            | 5795            | 17.79        | 17.42   | 20.62 |             |
|               | 802.11ax80 | 5775            | 19.08        | 17.38   | 21.32 |             |

**Note:**

The maximum antenna gain is 3.11 dBi, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;

So: Directional gain = GANT + Array Gain = 3.11 dBi < 6dBi, no RF output power limit was reduced

**POWER SPECTRAL DENSITY***Test Mode: Transmitting*

| Band             | Mode       | Channel | Frequency<br>(MHz) | PSD                  |                                 |                     |                      |                                 |                     |                    | Limit<br>(dBm/MHz) |
|------------------|------------|---------|--------------------|----------------------|---------------------------------|---------------------|----------------------|---------------------------------|---------------------|--------------------|--------------------|
|                  |            |         |                    | Chain 0              |                                 |                     | Chain 1              |                                 |                     | Total<br>(dBm/MHz) |                    |
|                  |            |         |                    | Reading<br>(dBm/MHz) | Duty<br>Cycle<br>Factor<br>(dB) | Result<br>(dBm/MHz) | Reading<br>(dBm/MHz) | Duty<br>Cycle<br>Factor<br>(dB) | Result<br>(dBm/MHz) |                    |                    |
| 5150-5250<br>MHz | 802.11a    | Low     | 5180               | 3.48                 | 1.37                            | 4.85                | 3.68                 | 1.37                            | 5.05                | /                  | 11                 |
|                  |            | Middle  | 5200               | 3.35                 | 1.37                            | 4.72                | 3.72                 | 1.37                            | 5.09                | /                  |                    |
|                  |            | High    | 5240               | 2.97                 | 1.37                            | 4.34                | 2.77                 | 1.37                            | 4.14                | /                  |                    |
|                  | 802.11ac20 | Low     | 5180               | 3.78                 | 1.58                            | 5.36                | 3.27                 | 1.58                            | 4.85                | 8.12               |                    |
|                  |            | Middle  | 5200               | 3.15                 | 1.58                            | 4.73                | 2.70                 | 1.58                            | 4.28                | 7.52               |                    |
|                  |            | High    | 5240               | 2.78                 | 1.58                            | 4.36                | 2.07                 | 1.58                            | 3.65                | 7.03               |                    |
|                  | 802.11ac40 | Low     | 5190               | -0.11                | 2.75                            | 2.64                | -0.23                | 2.73                            | 2.5                 | 5.58               |                    |
|                  |            | High    | 5230               | -0.94                | 2.75                            | 1.81                | -1.12                | 2.73                            | 1.61                | 4.72               |                    |
|                  | 802.11ac80 | Middle  | 5210               | -3.45                | 4.39                            | 0.94                | -3.54                | 4.39                            | 0.85                | 3.91               |                    |
|                  | 802.11ax20 | Low     | 5180               | 2.94                 | 1.79                            | 4.73                | 2.95                 | 1.79                            | 4.74                | 7.75               |                    |
|                  |            | Middle  | 5200               | 2.82                 | 1.79                            | 4.61                | 2.77                 | 1.79                            | 4.56                | 7.60               |                    |
|                  |            | High    | 5240               | 2.70                 | 1.79                            | 4.49                | 2.72                 | 1.79                            | 4.51                | 7.51               |                    |
|                  | 802.11ax40 | Low     | 5190               | -0.49                | 2.75                            | 2.26                | -0.92                | 2.95                            | 2.03                | 5.16               |                    |
|                  |            | High    | 5230               | -1.09                | 2.75                            | 1.66                | -1.37                | 2.95                            | 1.58                | 4.63               |                    |
|                  | 802.11ax80 | Middle  | 5210               | -3.71                | 4.39                            | 0.68                | -4.15                | 4.49                            | 0.34                | 3.52               |                    |

**Note:**

The maximum antenna gain is 2.72 dBi. The device employed Cyclic Delay Diversity (CDD) for 802.11MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power spectral density (PSD) measurements on the devices:

Array Gain =  $10 \cdot \log(N_{\text{ANT}}/N_{\text{SS}})$  dB.

So: Directional gain = GANT + Array Gain =  $2.72 + 10 \cdot \log(2/1) = 5.72\text{dBi} < 6\text{dBi}$ , so no power spectral density limit was reduced