AppendixA1:EmissionBandwidth

Test Result

| TestMode | Antenna | Channel | 26db EBW [MHz] | Limit[MHz] | Verdict |
|-----------|---------|--------------|----------------|------------|---------|
| | Ant1 | 5180 | 18.680 | | PASS |
| | Ant2 | 5180 | 18.840 | | PASS |
| | Ant1 | 5200 | 19.080 | | PASS |
| | Ant2 | 5200 | 18.840 | | PASS |
| | Ant1 | 5240 | 18.720 | | PASS |
| | Ant2 | 5240 | 18.920 | | PASS |
| | Ant1 | 5260 | 18.720 | | PASS |
| | Ant2 | 5260 | 19.000 | | PASS |
| | Ant1 | 5280 | 18.880 | | PASS |
| | Ant2 | 5280 | 18.800 | | PASS |
| 44 - | Ant1 | 5320 | 18.840 | | PASS |
| 11a | Ant2 | 5320 | 18.760 | | PASS |
| | Ant1 | 5500 | 18.720 | | PASS |
| | Ant2 | 5500 | 18.760 | | PASS |
| | Ant1 | 5600 | 18.600 | | PASS |
| | Ant2 | 5600 | 18.880 | | PASS |
| | Ant1 | 5720 | 18.760 | | PASS |
| | Ant2 | 5720 | 18.800 | | PASS |
| | Ant1 | 5720_UNII-2C | 14.4 | | PASS |
| | Ant2 | 5720_UNII-2C | 14.44 | | PASS |
| | Ant1 | 5720_UNII-3 | 4.36 | | PASS |
| | Ant2 | 5720_UNII-3 | 4.36 | | PASS |
| | Ant1 | 5180 | 18.720 | | PASS |
| | Ant2 | 5180 | 18.880 | | PASS |
| | Ant1 | 5200 | 18.760 | | PASS |
| | Ant2 | 5200 | 18.920 | | PASS |
| | Ant1 | 5240 | 18.920 | | PASS |
| | Ant2 | 5240 | 18.840 | | PASS |
| | Ant1 | 5260 | 19.880 | | PASS |
| | Ant2 | 5260 | 20.000 | | PASS |
| 11N20MIMO | Ant1 | 5280 | 19.720 | | PASS |
| | Ant2 | 5280 | 19.640 | | PASS |
| | Ant1 | 5320 | 19.640 | | PASS |
| | Ant2 | 5320 | 19.800 | | PASS |
| | Ant1 | 5500 | 19.760 | | PASS |
| | Ant2 | 5500 | 20.080 | | PASS |
| | Ant1 | 5600 | 19.920 | | PASS |
| | Ant2 | 5600 | 19.720 | | PASS |
| | Ant1 | 5720 | 19.880 | | PASS |

Report No.: RSZ200526008-00C

| Report No.: | RSZ200 |)526008- | 00C |
|-------------|---------------|----------|-----|
|-------------|---------------|----------|-----|

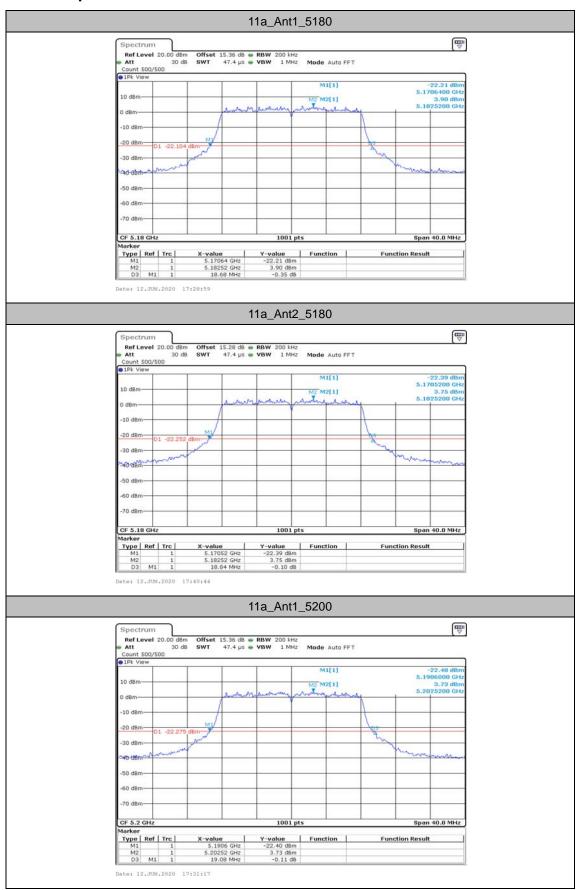
| Buy Thea C | _ | boratories corp. (| | NO KSZ200320 | |
|---------------|------|--------------------|--------|--------------|------|
| | Ant2 | 5720 | 19.840 | | PASS |
| | Ant1 | 5720_UNII-2C | 15 | | PASS |
| | Ant2 | 5720_UNII-2C | 14.84 | | PASS |
| | Ant1 | 5720_UNII-3 | 4.88 | | PASS |
| | Ant2 | 5720_UNII-3 | 5 | | PASS |
| | Ant1 | 5190 | 39.760 | | PASS |
| | Ant2 | 5190 | 39.360 | | PASS |
| | Ant1 | 5230 | 39.920 | | PASS |
| | Ant2 | 5230 | 39.280 | | PASS |
| | Ant1 | 5270 | 39.920 | | PASS |
| | Ant2 | 5270 | 39.600 | | PASS |
| | Ant1 | 5310 | 40.240 | | PASS |
| | Ant2 | 5310 | 39.440 | | PASS |
| 11N40MIMO | Ant1 | 5510 | 40.000 | | PASS |
| 11N40IVIIIVIO | Ant2 | 5510 | 39.280 | | PASS |
| | Ant1 | 5550 | 40.000 | | PASS |
| | Ant2 | 5550 | 39.440 | | PASS |
| | Ant1 | 5710 | 39.840 | | PASS |
| | Ant2 | 5710 | 39.360 | | PASS |
| | Ant1 | 5710_UNII-2C | 34.92 | | PASS |
| | Ant2 | 5710_UNII-2C | 34.68 | | PASS |
| | Ant1 | 5710_UNII-3 | 4.92 | | PASS |
| | Ant2 | 5710_UNII-3 | 4.68 | | PASS |
| | Ant1 | 5180 | 19.800 | | PASS |
| | Ant2 | 5180 | 19.920 | | PASS |
| | Ant1 | 5200 | 19.760 | | PASS |
| | Ant2 | 5200 | 19.840 | | PASS |
| | Ant1 | 5240 | 19.840 | | PASS |
| | Ant2 | 5240 | 19.880 | | PASS |
| | Ant1 | 5260 | 19.880 | | PASS |
| | Ant2 | 5260 | 19.800 | | PASS |
| | Ant1 | 5280 | 19.920 | | PASS |
| | Ant2 | 5280 | 19.840 | | PASS |
| 11ac20MIMO | Ant1 | 5320 | 20.000 | | PASS |
| | Ant2 | 5320 | 20.080 | | PASS |
| | Ant1 | 5500 | 20.000 | | PASS |
| | Ant2 | 5500 | 20.000 | | PASS |
| | Ant1 | 5600 | 19.840 | | PASS |
| | Ant2 | 5600 | 19.800 | | PASS |
| | Ant1 | 5720 | 19.680 | | PASS |
| | Ant2 | 5720 | 19.600 | | PASS |
| | Ant1 | 5720_UNII-2C | 14.88 | | PASS |
| | Ant2 | 5720_UNII-2C | 14.8 | | PASS |
| | Ant1 | 5720_UNII-3 | 4.8 | | PASS |
| | | | | l . | 1 |

| Report | No . | RS72 | 00526 | 5008- | .00C |
|--------|------|--------|-------|-------|------|
| Kebon | INU | 100/42 | いいしょし | ハハハつー | ハハハ |

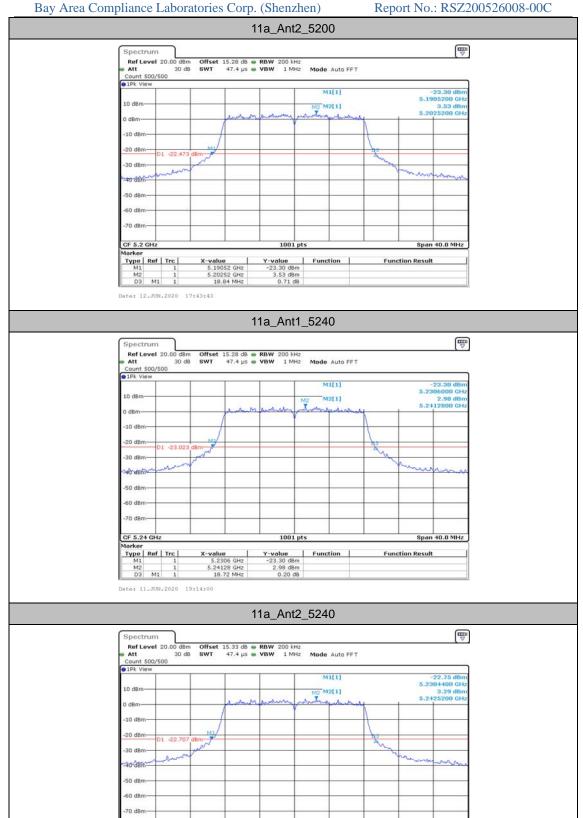
| | | 1 | | |
|----------------|-------|-------------------|---------------------|-----------|
| | Ant2 | 5720_UNII-3 | 4.8 | PASS |
| | Ant1 | 5190 | 39.920 | PASS |
| | Ant2 | 5190 | 39.360 | PASS |
| | Ant1 | 5230 | 40.080 | PASS |
| | Ant2 | 5230 | 39.360 | PASS |
| | Ant1 | 5270 | 40.240 | PASS |
| | Ant2 | 5270 | 39.440 | PASS |
| | Ant1 | 5310 | 40.160 | PASS |
| | Ant2 | 5310 | 39.360 | PASS |
| 11ac40MIMO | Ant1 | 5510 | 40.080 | PASS |
| Trac40IVIIIVIO | Ant2 | 5510 | 39.200 | PASS |
| | Ant1 | 5550 | 40.240 | PASS |
| | Ant2 | 5550 | 39.200 | PASS |
| | Ant1 | 5710 | 40.240 | PASS |
| | Ant2 | 5710 | 39.520 | PASS |
| | Ant1 | 5710_UNII-2C | 35.16 | PASS |
| | Ant2 | 5710_UNII-2C | 34.76 | PASS |
| | Ant1 | 5710_UNII-3 | 5.08 | PASS |
| | Ant2 | 5710_UNII-3 | 4.76 | PASS |
| | Ant1 | 5210 | 83.200 | PASS |
| | Ant2 | 5210 | 82.240 | PASS |
| | Ant1 | 5290 | 83.040 | PASS |
| | Ant2 | 5290 | 83.040 | PASS |
| | Ant1 | 5530 | 82.880 | PASS |
| | Ant2 | 5530 | 82.400 | PASS |
| | Ant1 | 5610 | 83.200 | PASS |
| 11ac80MIMO | Ant2 | 5610 | 82.080 | PASS |
| | Ant1 | 5690 | 82.720 | PASS |
| | Ant2 | 5690 | 81.920 | PASS |
| | Ant1 | 5690_UNII-2C | 76.44 | PASS |
| | Ant2 | 5690_UNII-2C | 75.8 | PASS |
| | Ant1 | 5690_UNII-3 | 6.28 | PASS |
| | Ant2 | 5690_UNII-3 | 6.12 | PASS |
| | Ant1 | 5180 | 20.640 | PASS |
| 11ax20MIMO | Ant2 | 5180 | 20.720 | PASS |
| 11ax40MIMO | Ant1 | 5190 | 44.320 | PASS |
| | Ant2 | 5190 | 44.480 | PASS |
| 11ax20MIMO | Ant1 | 5200 | 20.760 | PASS |
| | Ant2 | 5200 | 20.760 | PASS |
| 11ax80MIMO | Ant1 | 5210 | 82.560 | PASS |
| | Ant2 | 5210 | 82.560 | PASS |
| 11ax40MIMO | Ant1 | 5230 | 44.800 | PASS |
| | Ant2 | 5230 | 44.240 | PASS |
| 11ax20MIMO | Ant1 | 5240 | 20.640 | PASS |
| ΙΙαλΔΟΙΝΠΝΙΟ | AIILI | J2 4 0 | ZU.U 4 U | 1 400 |

| Ant2 5240 20.800 | | PASS |
|------------------------------------|--|------|
| Ant1 5260 20.920 | | PASS |
| Ant2 5260 20.760 | | PASS |
| 11ax40MIMO Ant1 5270 40.640 | | PASS |
| Ant2 5270 40.400 | | PASS |
| 11ax20MIMO Ant1 5280 20.680 | | PASS |
| Ant2 5280 20.840 | | PASS |
| 11ax80MIMO Ant1 5290 82.880 | | PASS |
| Ant2 5290 82.400 | | PASS |
| 11ax40MIMO Ant1 5310 40.880 | | PASS |
| Ant2 5310 40.720 | | PASS |
| Ant1 5320 20.840 | | PASS |
| 11ax20MIMO Ant2 5320 20.800 | | PASS |
| Ant1 5500 20.920 | | PASS |
| Ant2 5500 20.520 | | PASS |
| 11ax40MIMO Ant1 5510 40.400 | | PASS |
| Ant2 5510 40.480 | | PASS |
| 11ax80MIMO Ant1 5530 82.880 | | PASS |
| Ant2 5530 82.720 | | PASS |
| 11ax40MIMO Ant1 5550 40.640 | | PASS |
| Ant2 5550 40.480 | | PASS |
| 11ax20MIMO Ant1 5600 20.600 | | PASS |
| Ant2 5600 20.880 | | PASS |
| Ant1 5610 83.040 | | PASS |
| Ant2 5610 82.560 | | PASS |
| Ant1 5690 82.400 | | PASS |
| 11ax80MIMO Ant2 5690 82.560 | | PASS |
| Ant1 5690_UNII-2C 76.12 | | PASS |
| Ant2 5690_UNII-2C 76.12 | | PASS |
| Ant1 5690_UNII-3 6.28 | | PASS |
| Ant2 5690_UNII-3 6.44 | | PASS |
| Ant1 5710 40.480 | | PASS |
| Ant2 5710 40.880 | | PASS |
| Ant1 5710_UNII-2C 35.24 | | PASS |
| 11ax40MIMO Ant2 5710_UNII-2C 35.48 | | PASS |
| Ant1 5710_UNII-3 5.24 | | PASS |
| Ant2 5710_UNII-3 5.4 | | PASS |
| Ant1 5720 20.680 | | PASS |
| Ant2 5720 20.840 | | PASS |
| Ant1 5720_UNII-2C 15.44 | | PASS |
| 11ax20MIMO Ant2 5720_UNII-2C 15.52 | | PASS |
| Ant1 5720_UNII-3 5.24 | | PASS |
| Ant2 5720_UNII-3 5.32 | | PASS |

Test Graphs



Report No.: RSZ200526008-00C



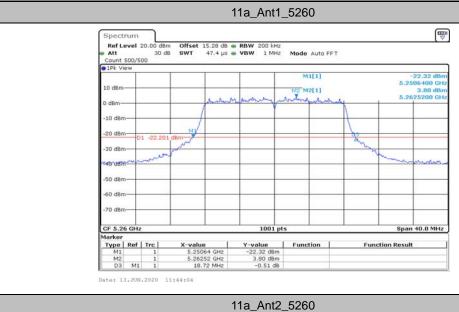
Y-value Function
2 -22.75 dBm
2 3.29 dBm
2 -0.50 dB

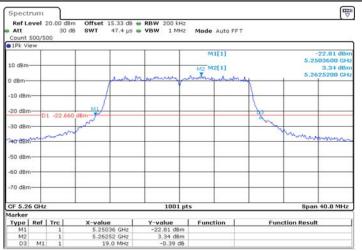
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Date: 11.JUN.2020 19:08:45

Type Ref Trc

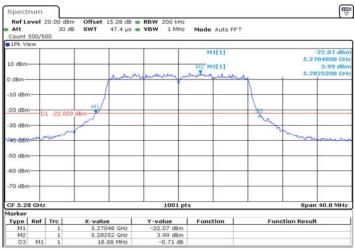
M1 1 M2 1 D3 M1 1



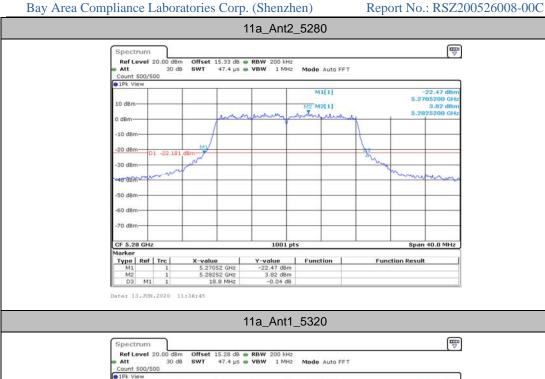


Date: 13.JUN.2020 11:34:58

11a_Ant1_5280



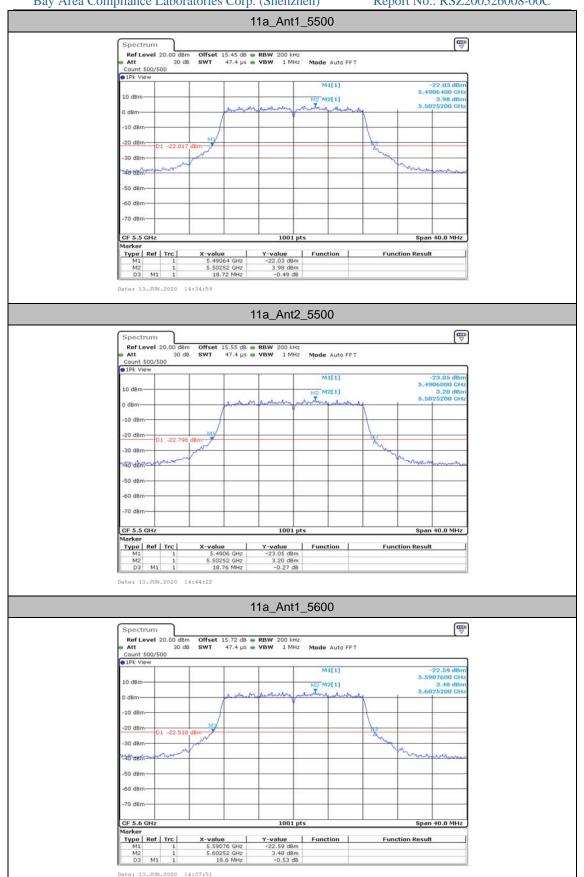
Date: 13.JUN.2020 11:46:50

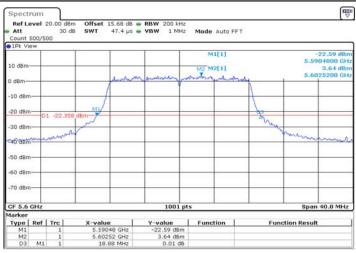








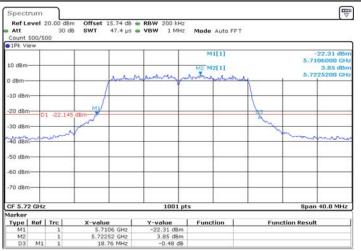




11a_Ant2_5600

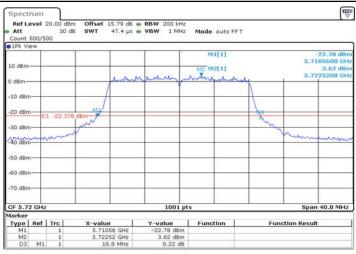
Date: 13.JUN.2020 14:46:34

11a_Ant1_5720



Date: 13.JUN.2020 14:39:48

11a_Ant2_5720



Date: 13.JUN.2020 15:19:21

Y-value Function
2 -24.49 dBm
2 1.67 dBm
3 -0.01 dB

Function Result

Type Ref Trc

M1 1 5. M2 1 5. D3 M1 1 Date: 12.JUN.2020 18:04:12

Y-value Function
2 -24.70 dBm
2 1.46 dBm
4 -0.47 dB

Function Result

-70 dBm

Type | Ref | Trc |

M1 1 5... M2 1 5... D3 M1 1 Date: 12.JUN.2020 18:16:19

Y-value Function
2 -23.92 dBm
2 2.09 dBm
3 -0.23 dB

Function Result

-70 dBm

Type Ref Trc

M1 1 5 M2 1 5.0 D3 M1 1 Date: 13.JUN.2020 11:57:25

-30 dBm-

-50 dBm -60 dBm -70 dBm CF 5.28 GH

Type | Ref | Trc |

Ref Level 20,00 dBm
Att 30 dB
Count 500/500

1Pk View

D1 -23.340

-10 d8m--20 dBm-

-30 dBmed asm -50 dBm--60 dBm--70 dBm

CF 5.32 GH

Date: 13.JUN.2020 12:00:57

M2 D3 M1 Date: 13.JUN.2020 11:58:40

11N20MIMO_Ant2_5320



-30 dBm-

-50 dBm -60 dBm -70 dBm CF 5.5 GH:

Type | Ref | Trc |

Ref Level 20,00 dBm
Att 30 dB
Count 500/500

1Pk View

-10 d8m--20 dBm--30 dBm-10 asu -50 dBm--60 dBm--70 dBm CF 5.5 GH

Date: 13.JUN.2020 14:54:17

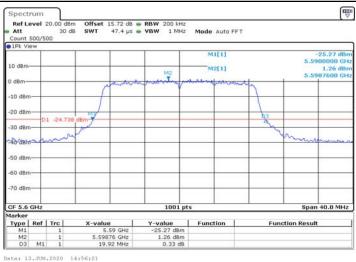
M2 D3 M1 Date: 13.JUN.2020 14:52:56

D1 -24.18

1001 pts

1001 pt

X-value Y 5.49012 GHz 5.49876 GHz 19.76 MHz



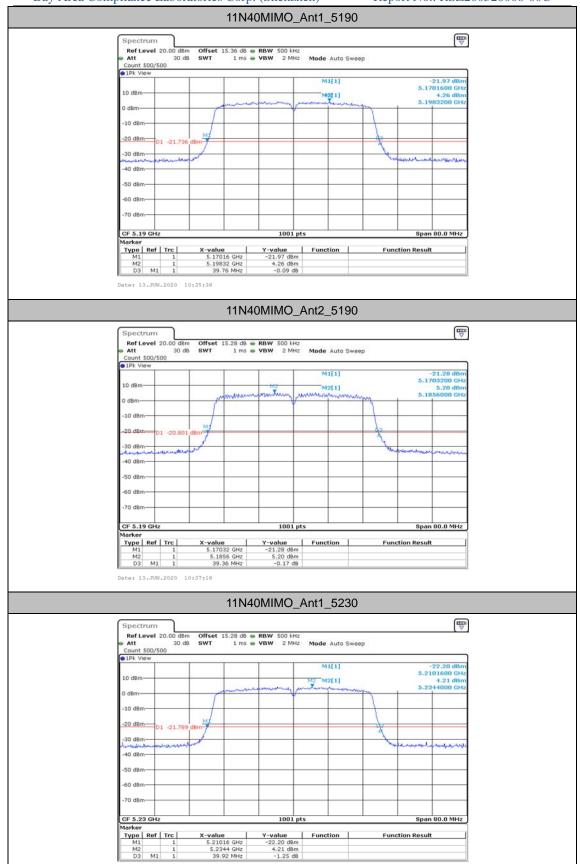
Y-value Function
2 -24.71 dBm
3 1.69 dBm
4 0.03 dB

Function Result

Type | Ref | Trc |

M1 1 5. M2 1 5. D3 M1 1 Date: 13.JUN.2020 15:29:10

Date: 13.JUN.2020 10:40:30



-30 dBm--40 dBm -50 dBm -60 dBm -70 dBm CF 5.23 GH

Type | Ref | Trc |

Ref Level 20,00 dBm
Att 30 dB
Count 500/500

1Pk View

-10 dBm--20 dBm--30 dBm--40 dBm--50 dBm--60 dBm--70 dBm-CF 5.27 GH

Date: 13.JUN.2020 12:47:26

M2 D3 M1 Date: 13.JUN.2020 10:41:56



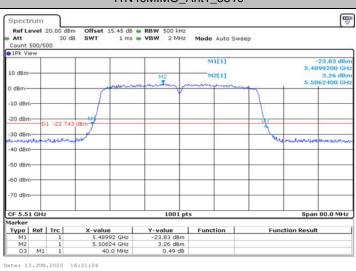
1001 pts

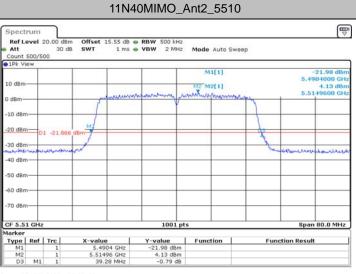
1001 pt

X-value Y 5.2104 GHz 5.2256 GHz 39.28 MHz

X-value 5.25 GHz 5.27432 GHz 39.92 MHz

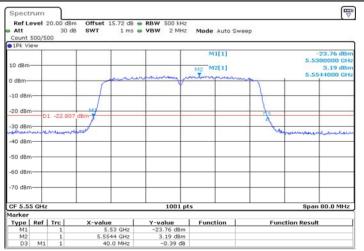






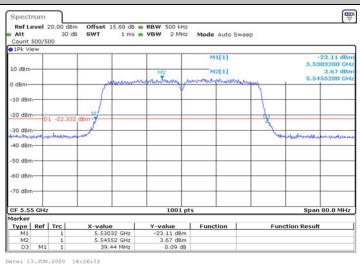
Date: 13.JUN.2020 16:23:08

11N40MIMO_Ant1_5550



Date: 13.JUN.2020 16:25:27

11N40MIMO_Ant2_5550



-20 dBm--30 dBm -40 dBm -50 dBm -60 dBm -70 dBm CF 5.71 GH:

Date: 13.JUN.2020 16:28:55

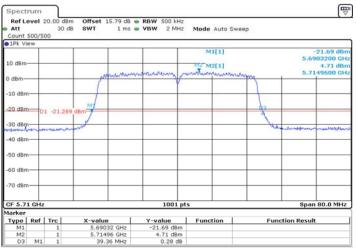
Type | Ref | Trc |

M2 D3 M1

11N40MIMO_Ant2_5710

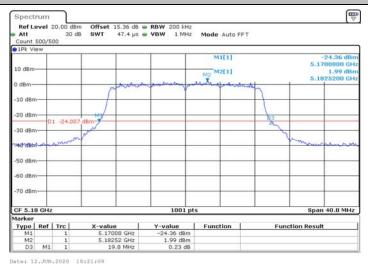
1001 pt

M1[1] M2[1]



Date: 13.JUN.2020 16:30:29

11ac20MIMO_Ant1_5180

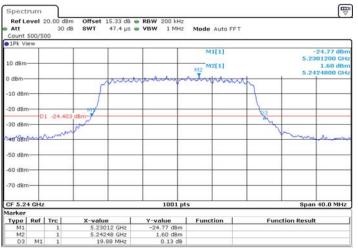




Date: 12.JUN.2020 18:30:30

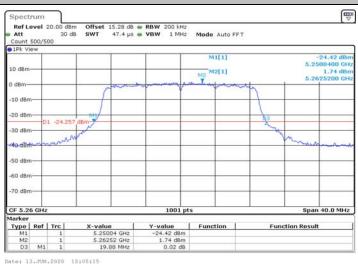


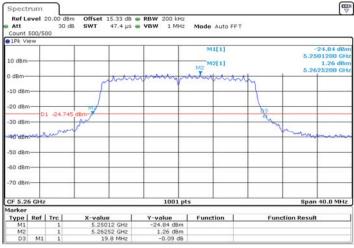
11ac20MIMO_Ant2_5240



Date: 12.JUN.2020 18:42:49

11ac20MIMO_Ant1_5260





11ac20MIMO_Ant2_5260

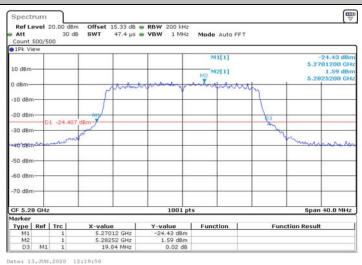
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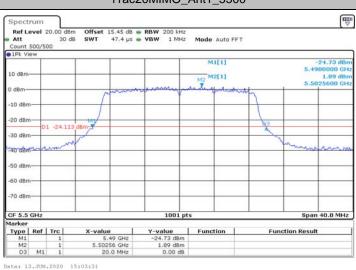
11ac20MIMO_Ant1_5280



Date: 13.JUN.2020 12:13:16

11ac20MIMO_Ant2_5280





Y-value Function
2 -24.70 dBm
3 1.49 dBm
4 0.15 dB

Function Result

-70 dBm

Type Ref Trc

M2 1 5...

M2 1 1 5...

D3 M1 1

Date: 13.JUN.2020 15:08:30

D1 -23.85

-20 dBm-

-30 dBm-

-50 dBm -60 dBm -70 dBm CF 5.72 GHz

Type | Ref | Trc |

Ref Level 20.00 dBm
Att 30 dB
Count 500/500

1Pk View

D1 -24.27

-10 dBm--20 dBm-

-30 dBm--40 d8mm -50 dBm--60 dBm--70 dBm-CF 5.72 GHz

Date: 13.JUN.2020 15:15:38

M2 D3 M1 Date: 13.JUN.2020 15:13:59

11ac40MIMO_Ant1_5190

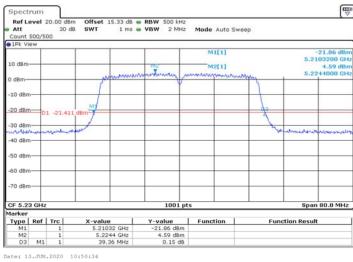
1001 pts

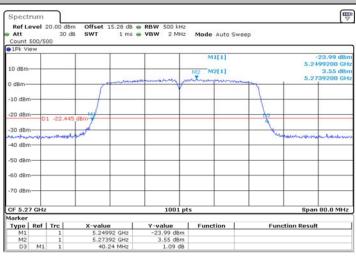
1001 pt

X-value Y 5.71012 GHz -5.7226 GHz 19.68 MHz

X-value 5.7102 GHz 5.72124 GHz 19.6 MHz



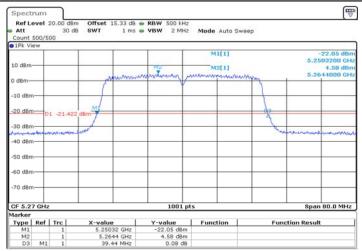




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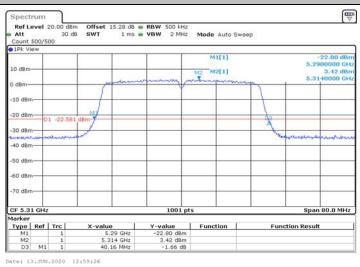
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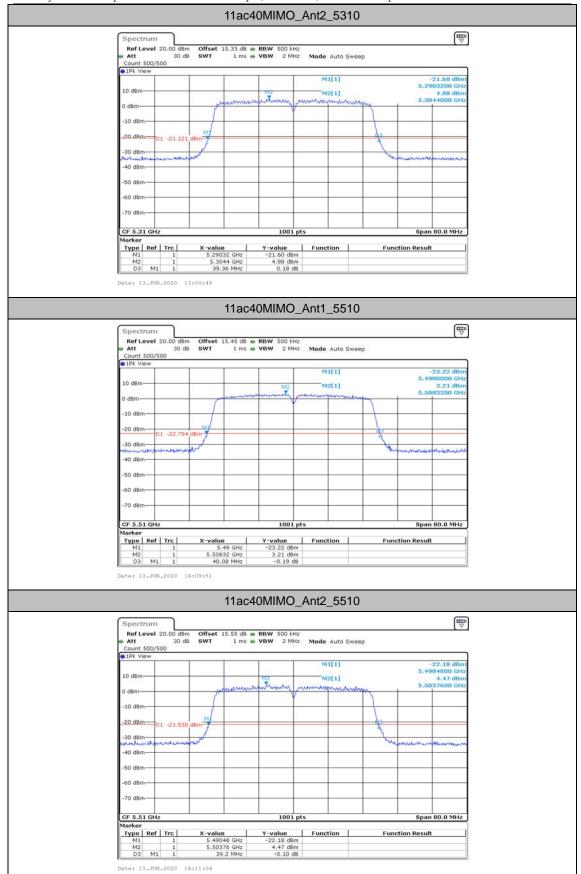
11ac40MIMO_Ant2_5270

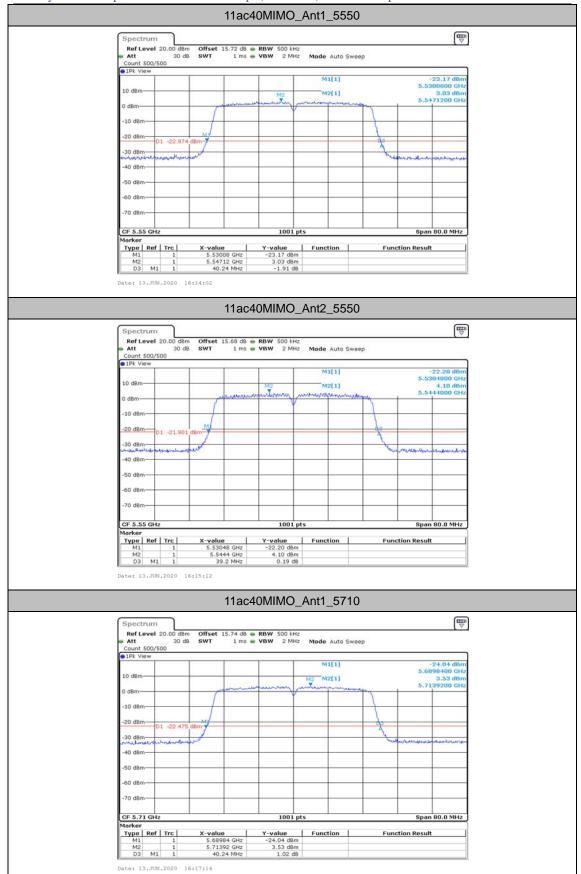


Date: 13.JUN.2020 12:57:21

11ac40MIMO_Ant1_5310







Y-value Function
2 -24.00 dBm
2 2.55 dBm
3 0.26 dB

Function Result

Type | Ref | Trc |

M2 1 5.2 M2 1 5.2 D3 M1 1 8

Y-value 2 -25.51 dBm 2 2.95 dBm 2 1.66 dB

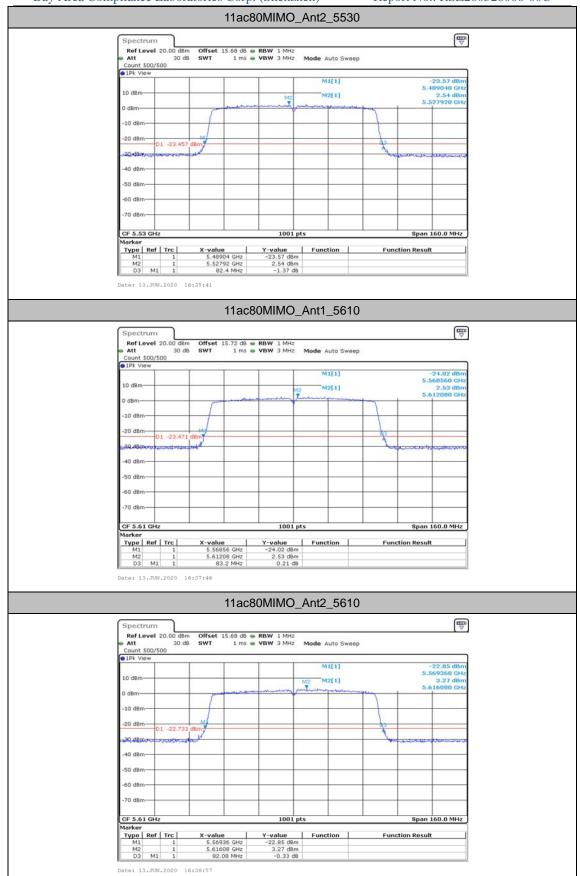
Function

Function Result

-70 dBm

Type Ref Trc

M2 1 5 D3 M1 1 5 Date: 13.JUN.2020 16:34:29

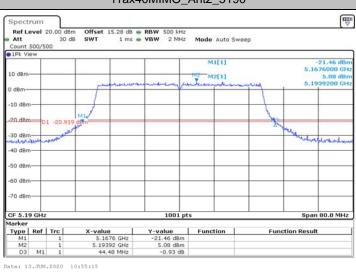


Y-value Function
2 -23.60 dBm
2 2.58 dBm
3 0.05 dB

Function Result

Type Ref Trc

M1 1 5. M2 1 5. D3 M1 1 Date: 12.JUN.2020 18:55:06



Y-value Function
2 -23.90 dBm
2 2.19 dBm
3 -0.19 dB

Function Result

Type | Ref | Trc |

M2 1 5. M2 1 5. D3 M1 1 Date: 13.JUN.2020 11:25:17 Ref Level 20.00 dBm Offset Att 30 dB SWT

D1 -23.36

int 500/500

-20 dBm-

43Q.dBro:: -40 dBm -50 dBm -60 dBm -70 dBm CF 5.21 GH

X-value Y 5.16872 GHz 5.21592 GHz 82.56 MHz Date: 13.JUN.2020 11:28:24

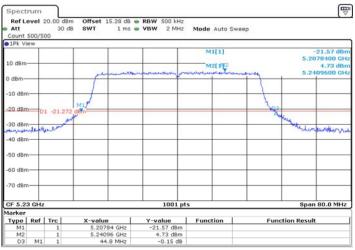
Type | Ref | Trc |

M2 D3 M1

11ax40MIMO_Ant1_5230

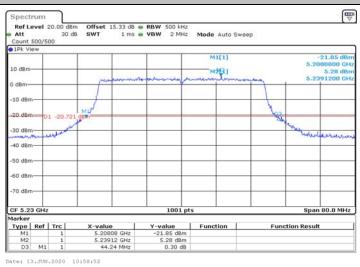
1001 pt

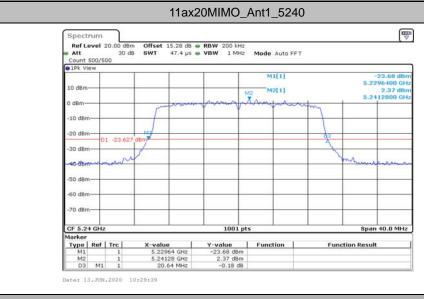
M2[1]



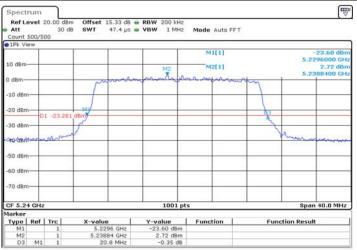
Date: 13.JUN.2020 10:57:34

11ax40MIMO_Ant2_5230



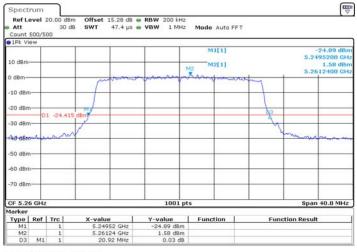


11AX20MIMO_Ant2_5240

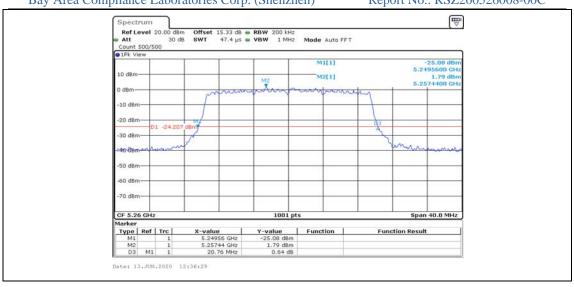


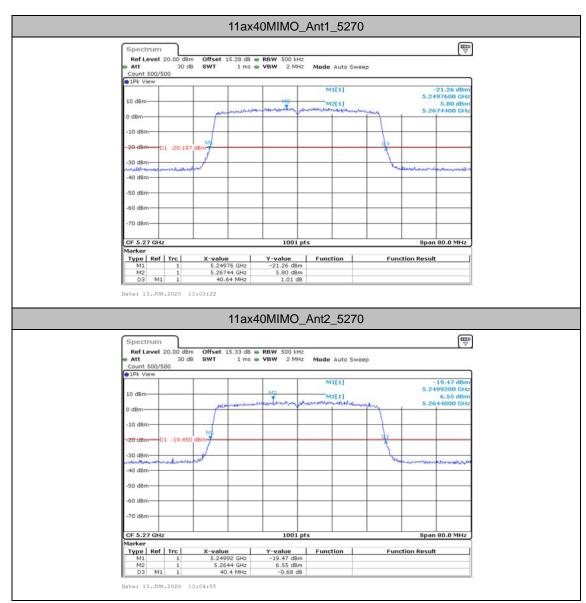
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11ax20MIMO_Ant1_5260

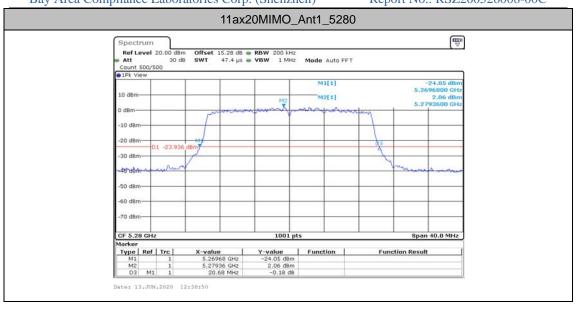


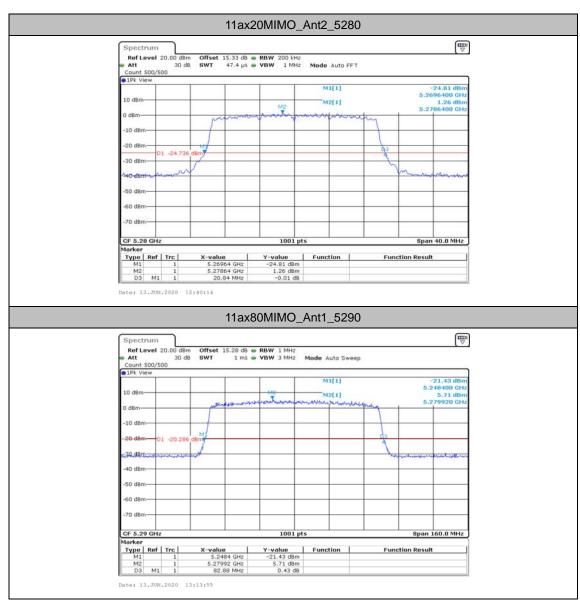
Date: 13.JUN.2020 12:35:06



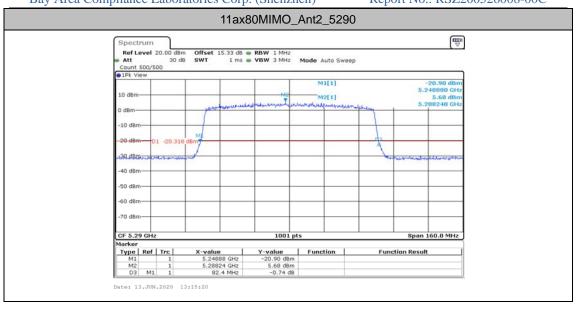


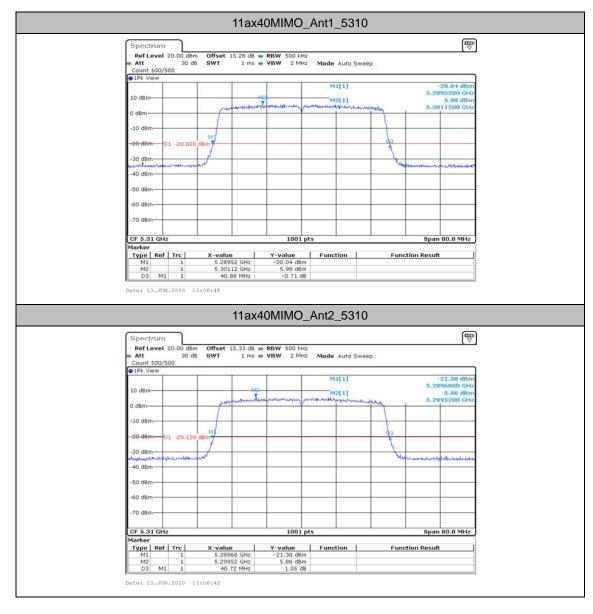






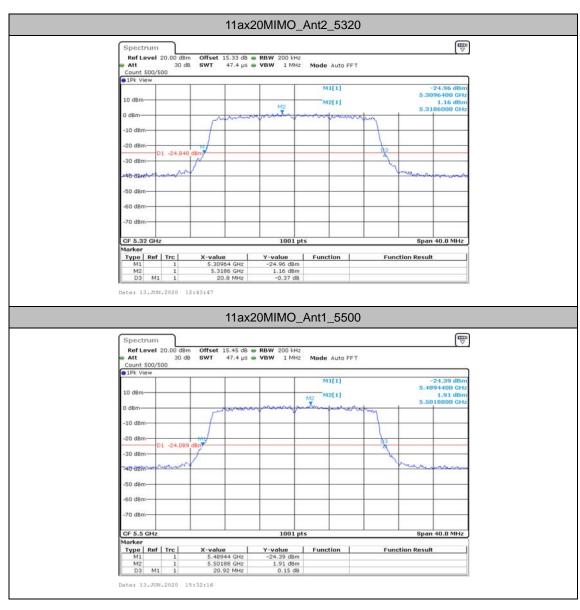






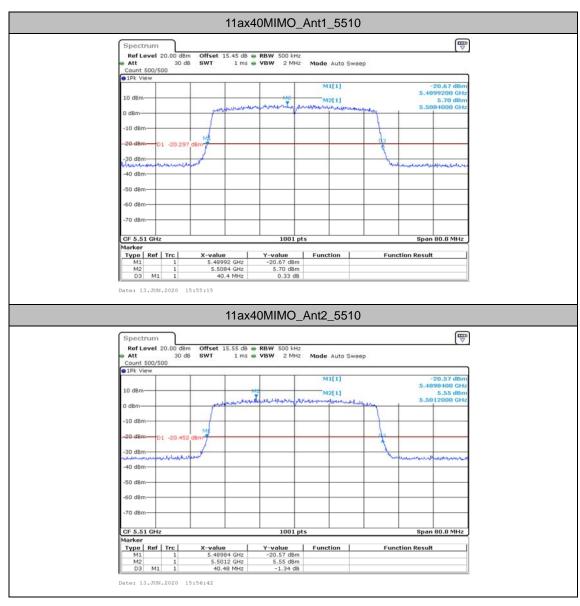




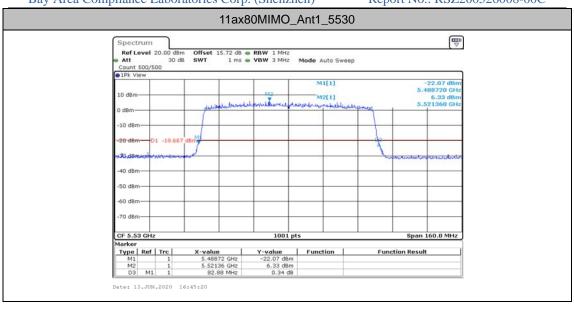


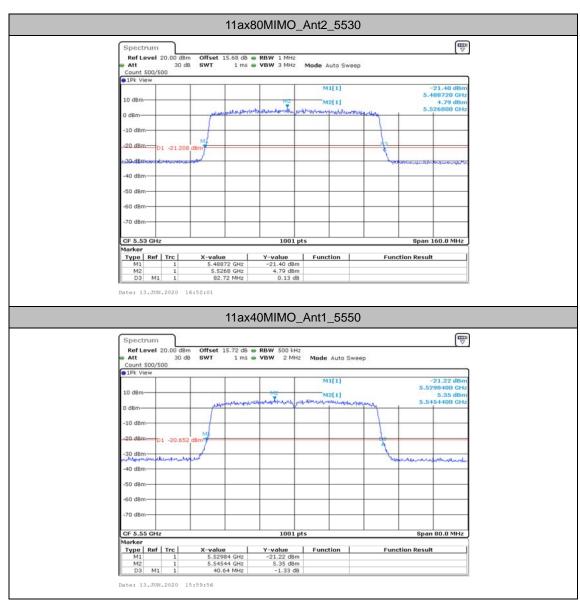






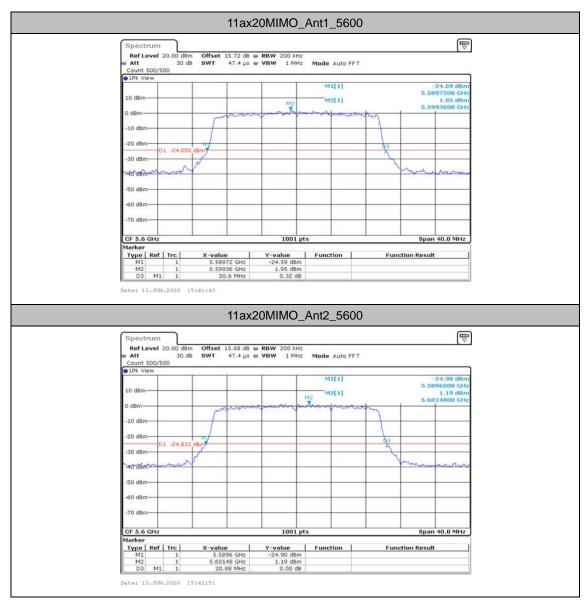




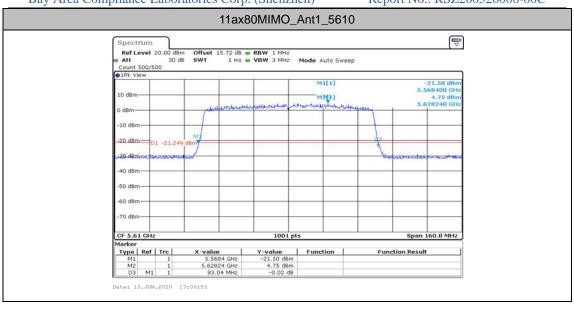


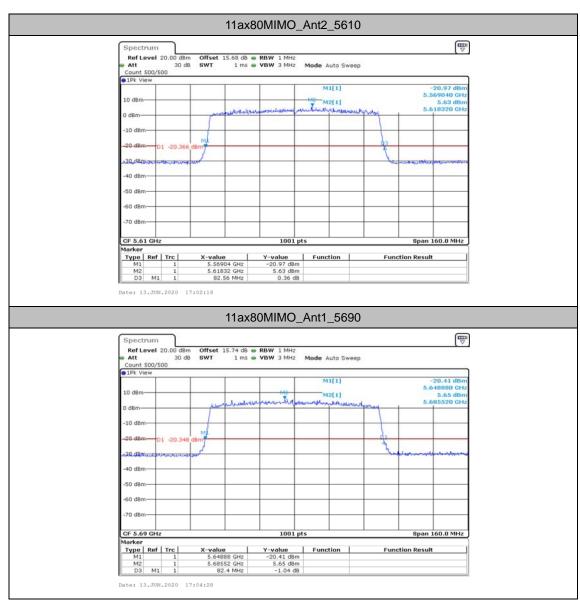






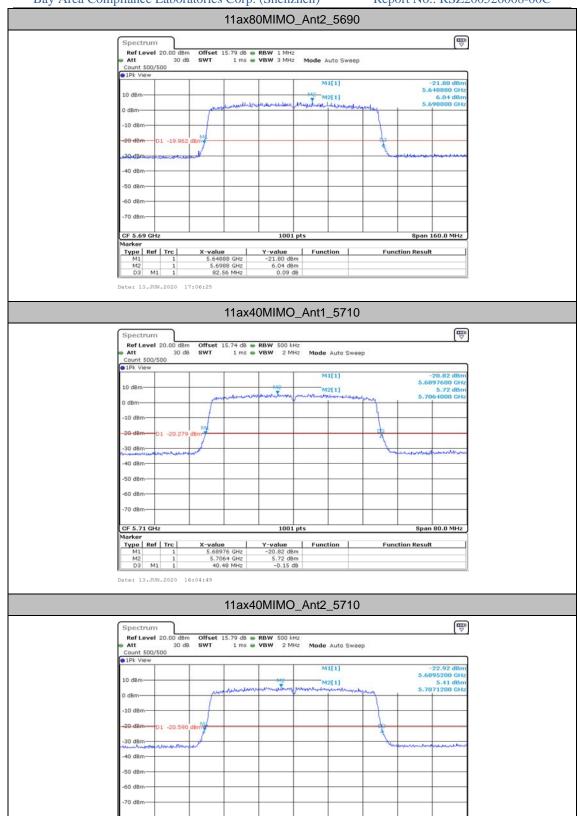






Type | Ref | Trc |

M2 1 5.0 D3 M1 1 Date: 13.JUN.2020 16:06:30



Y-value Function
2 -22.92 dBm
2 5.41 dBm
3 0.54 dB

Function Result

