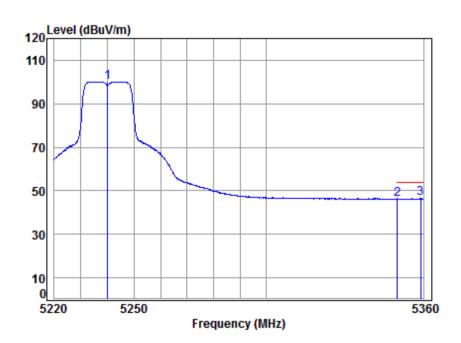


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| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5240 | Average | Vertical |
|------------|---------------|-----------------|------|---------|----------|
|------------|---------------|-----------------|------|---------|----------|



Site : chamber Condition: 3m VERTICAL Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11N 20

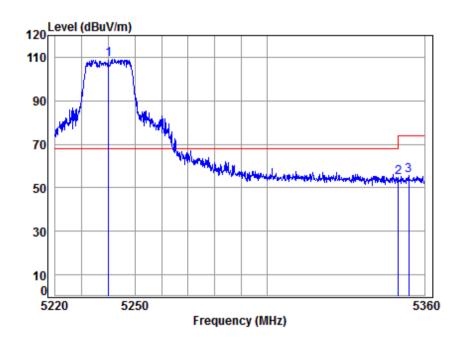
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|---|----|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 |    | 5240.000 | 8.46 | 34.40 | 42.27            | 99.55 | 100.14 |        |       | Average |
| 2 |    | 5350.020 | 8.63 | 34.48 | 42.17            | 45.28 | 46.22  | 54.00  | -7.78 | Average |
| 3 | pp | 5358.865 | 8.64 | 34.49 | 42.16            | 45.48 | 46.45  | 54.00  | -7.55 | Average |



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| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5240 | Peak | Horizontal |
|------------|---------------|-----------------|------|------|------------|
|------------|---------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11N 20

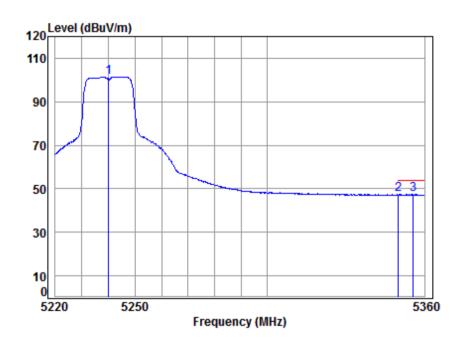
|      | Freq     |      |       |       |        |        | Limit<br>Line |        | Remark |
|------|----------|------|-------|-------|--------|--------|---------------|--------|--------|
| -    | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m        | dB     |        |
| 1 pp | 5240.000 | 8.46 | 34.40 | 42.27 | 108.37 | 108.96 | 68.20         | 40.76  | peak   |
| 2    | 5350.020 | 8.63 | 34.48 | 42.17 | 53.66  | 54.60  | 74.00         | -19.40 | peak   |
| 3    | 5353.903 | 8.64 | 34.49 | 42.17 | 54.82  | 55.78  | 74.00         | -18.22 | peak   |



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| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5240 | Average | Horizontal |
|------------|---------------|-----------------|------|---------|------------|
|------------|---------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11N 20

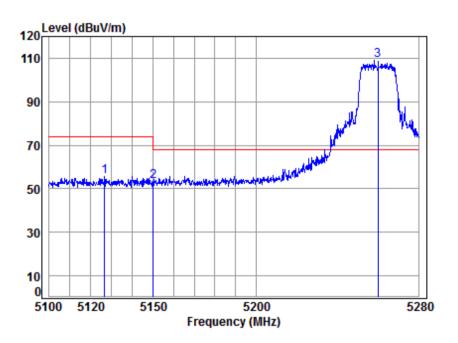
|   |    | Freq     |      |       |       |        |        | Limit<br>Line |       | Remark  |
|---|----|----------|------|-------|-------|--------|--------|---------------|-------|---------|
|   | -  | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m        | dB    |         |
| 1 |    | 5240.000 | 8.46 | 34.40 | 42.27 | 100.88 | 101.47 |               |       | Average |
| 2 |    | 5350.020 | 8.63 | 34.48 | 42.17 | 46.36  | 47.30  | 54.00         | -6.70 | Average |
| 3 | pp | 5355.604 | 8.64 | 34.49 | 42.16 | 46.39  | 47.36  | 54.00         | -6.64 | Average |



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Test mode: 802.11n(HT20) Frequency(MHz): 5260 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5260 Band edge Note : 5G WiFi 11N 20

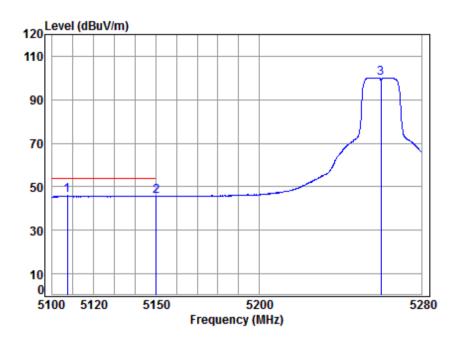
|               | Cable    | Ant Preamp | Read   |        | Limit  | 0ver   |        |
|---------------|----------|------------|--------|--------|--------|--------|--------|
| Freq          | Loss Fac | tor Factor | Level  | Level  | Line   | Limit  | Remark |
|               |          |            |        |        |        |        |        |
| MHz           | dB d     | B∕m dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|               |          |            |        |        |        |        |        |
| 1 5126.604    | 8.29 34  | 1.30 42.38 | 55.57  | 55.78  | 74.00  | -18.22 | peak   |
| 2 5149.980    | 8.33 34  | 1.32 42.36 | 53.01  | 53.30  | 74.00  | -20.70 | peak   |
| 3 pp 5260.000 | 8.49 34  | 42.25      | 108.21 | 108.86 | 68.20  | 40.66  | peak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5260 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5260 Band edge Note : 5G WiFi 11N 20

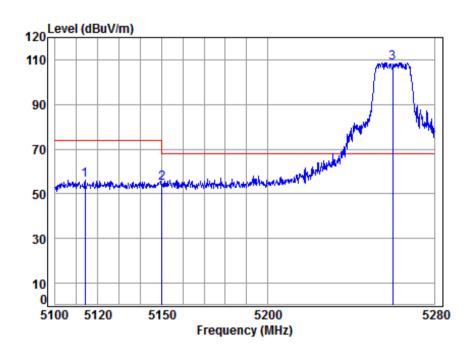
| • |      |          | _     |        |        |       |        |        |       |         |   |
|---|------|----------|-------|--------|--------|-------|--------|--------|-------|---------|---|
|   |      |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver  |         |   |
|   |      | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit | Remark  |   |
|   | _    |          |       |        |        |       |        |        |       |         | _ |
|   |      | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |   |
|   |      |          |       |        |        |       |        |        |       |         |   |
|   | 1 pp | 5107.258 | 8.26  | 34.29  | 42.40  | 45.77 | 45.92  | 54.00  | -8.08 | Average |   |
|   | 2    | 5149.980 | 8.33  | 34.32  | 42.36  | 45.40 | 45.69  | 54.00  | -8.31 | Average |   |
|   | 3    | 5260.000 | 8.49  | 34.41  | 42.25  | 99.44 | 100.09 |        |       | Average |   |
|   |      |          |       |        |        |       |        |        |       |         |   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5260 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5260 Band edge Note : 5G WiFi 11N 20

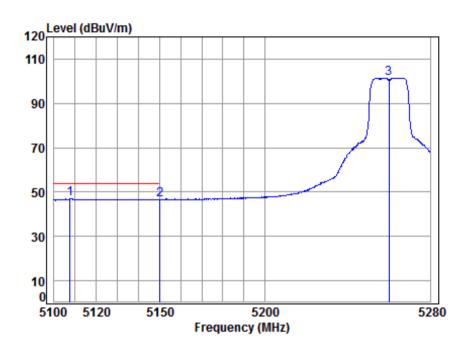
|   |    | Freq     |      |       |       |        | Level  |        |        | Remark |
|---|----|----------|------|-------|-------|--------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5113.994 | 8.27 | 34.29 | 42.39 | 56.00  | 56.17  | 74.00  | -17.83 | peak   |
| 2 |    | 5149.980 | 8.33 | 34.32 | 42.36 | 54.66  | 54.95  | 74.00  | -19.05 | peak   |
| 3 | pp | 5260.000 | 8.49 | 34.41 | 42.25 | 108.13 | 108.78 | 68.20  | 40.58  | peak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5260 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5260 Band edge Note : 5G WiFi 11N 20

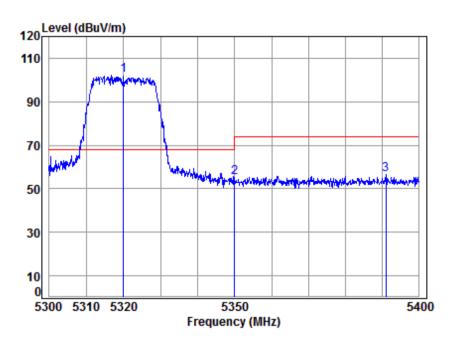
|   |    |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver  |         |
|---|----|----------|-------|--------|--------|--------|--------|--------|-------|---------|
|   |    | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit | Remark  |
|   |    |          |       |        |        |        |        |        |       |         |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB    |         |
|   |    |          |       |        |        |        |        |        |       |         |
| 1 | pp | 5107.435 | 8.26  | 34.29  | 42.40  | 46.78  | 46.93  | 54.00  | -7.07 | Average |
| 2 |    | 5149.980 | 8.33  | 34.32  | 42.36  | 46.37  | 46.66  | 54.00  | -7.34 | Average |
| 3 |    | 5260.000 | 8.49  | 34.41  | 42.25  | 100.79 | 101.44 |        |       | Average |



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Test mode: 802.11n(HT20) Frequency(MHz): 5320 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5320 Band edge Note : 5G WiFi 11N 20

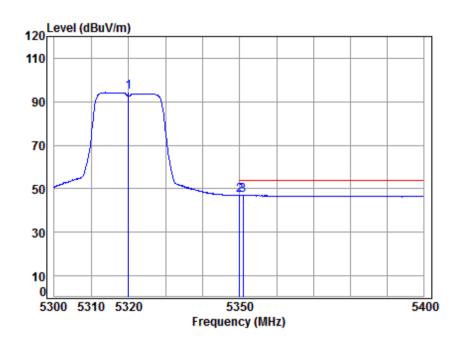
|      |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|------|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|      | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
|      |          |       |        |        |        |        |        |        |        |
|      | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|      |          |       |        |        |        |        |        |        |        |
| 1 pp | 5320.000 | 8.58  | 34.46  | 42.20  | 101.46 | 102.30 | 68.20  | 34.10  | peak   |
| 2    | 5350.020 | 8.63  | 34.48  | 42.17  | 54.43  | 55.37  | 74.00  | -18.63 | peak   |
| 3    | 5391.125 | 8.69  | 34.52  | 42.13  | 55.47  | 56.55  | 74.00  | -17.45 | peak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5320 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5320 Band edge Note : 5G WiFi 11N 20

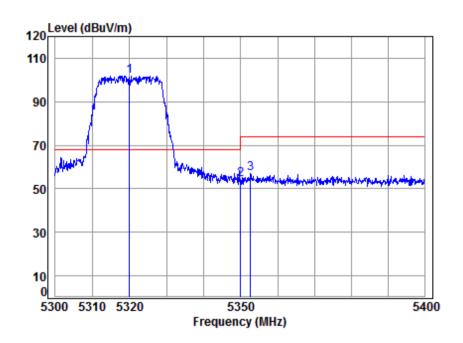
|     |            | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver  |         |
|-----|------------|-------|--------|--------|-------|--------|--------|-------|---------|
|     | Freq       | Loss  | Factor | Factor | Level | Level  | Line   | Limit | Remark  |
|     |            |       |        |        |       |        |        |       |         |
|     | MHz        | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |
|     |            |       |        |        |       |        |        |       |         |
| 1   | 5320.000   | 8.58  | 34.46  | 42.20  | 93.38 | 94.22  |        |       | Average |
| 2 p | p 5350.020 | 8.63  | 34.48  | 42.17  | 46.13 | 47.07  | 54.00  | -6.93 | Average |
| 3   | 5350.866   | 8.63  | 34.48  | 42.17  | 46.06 | 47.00  | 54.00  | -7.00 | Average |



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Test mode: 802.11n(HT20) Frequency(MHz): 5320 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5320 Band edge Note : 5G WiFi 11N 20

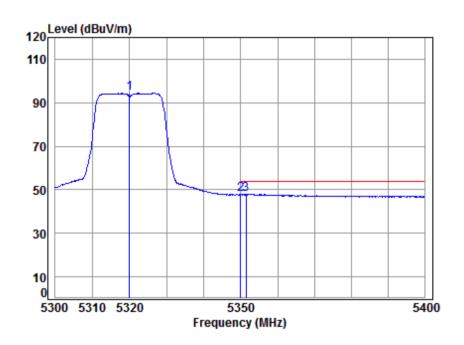
|      |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|------|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|      | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
| _    |          |       |        |        |        |        |        |        |        |
|      | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|      |          |       |        |        |        |        |        |        |        |
| 1 pp | 5320.000 | 8.58  | 34.46  | 42.20  | 100.85 | 101.69 | 68.20  | 33.49  | peak   |
| 2    | 5350.020 | 8.63  | 34.48  | 42.17  | 53.26  | 54.20  | 74.00  | -19.80 | peak   |
| 3    | 5352,667 | 8.63  | 34.49  | 42.17  | 55.95  | 56.90  | 74.00  | -17.10 | neak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5320 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5320 Band edge Note : 5G WiFi 11N 20

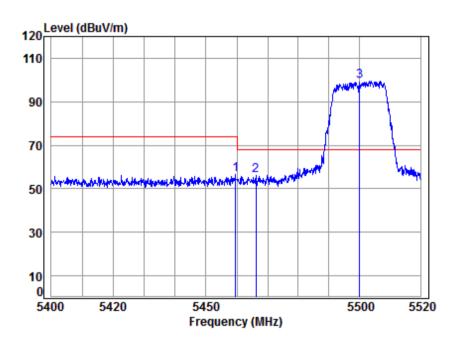
|     |            | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver  |         |
|-----|------------|-------|--------|--------|-------|--------|--------|-------|---------|
|     | Freq       | Loss  | Factor | Factor | Level | Level  | Line   | Limit | Remark  |
|     |            |       |        |        |       |        |        |       |         |
|     | MHz        | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |
|     |            |       |        |        |       |        |        |       |         |
| 1   | 5320.000   | 8.58  | 34.46  | 42.20  | 93.45 | 94.29  |        |       | Average |
| 2 p | p 5350.020 | 8.63  | 34.48  | 42.17  | 46.97 | 47.91  | 54.00  | -6.09 | Average |
| 3   | 5351.467   | 8.63  | 34.49  | 42.17  | 46.93 | 47.88  | 54.00  | -6.12 | Average |



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Test mode: 802.11n(HT20) Frequency(MHz): 5500 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5500 Band edge Note : 5G WiFi 11N 20

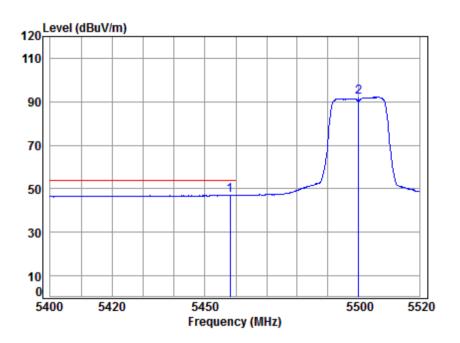
|   |    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |
|---|----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   |    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   |    |          |       |        |        |       |        |        |        |        |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
|   |    |          |       |        |        |       |        |        |        |        |
| 1 |    | 5459.550 | 8.79  | 34.57  | 42.07  | 55.12 | 56.41  | 74.00  | -17.59 | peak   |
| 2 |    | 5466.274 | 8.80  | 34.57  | 42.06  | 54.90 | 56.21  | 68.20  | -11.99 | peak   |
| 3 | pp | 5500.000 | 8.85  | 34.60  | 42.03  | 97.92 | 99.34  | 68.20  | 31.14  | peak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5500 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5500 Band edge Note : 5G WiFi 11N 20

Antenna : ANT1

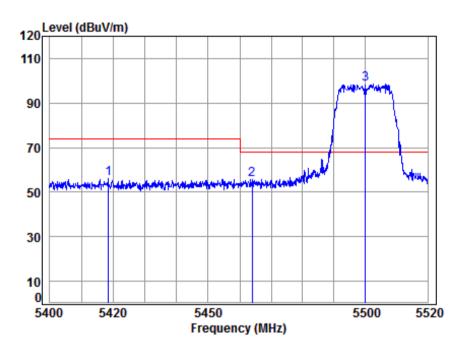
Cable Ant Preamp Limit 0ver Read Frea Loss Factor Factor Level Level Line Limit Remark MHz dΒ dB/m dB dBuV dBuV/m dBuV/m dB 1 pp 5458.110 8.79 34.57 42.07 45.81 47.10 54.00 -6.90 Average 5500.000 8.85 34.60 42.03 90.61 92.03 ----- Average



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Test mode: 802.11n(HT20) Frequency(MHz): 5500 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5500 Band edge Note : 5G WiFi 11N 20

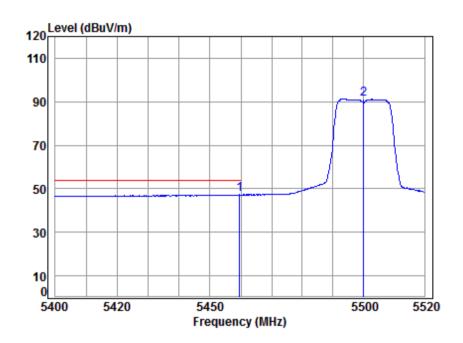
|   |    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |
|---|----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   |    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   |    |          |       |        |        |       |        |        |        |        |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
|   |    |          |       |        |        |       |        |        |        |        |
| 1 |    | 5418.428 | 8.73  | 34.54  | 42.11  | 54.99 | 56.15  | 74.00  | -17.85 | peak   |
| 2 |    | 5463.872 | 8.80  | 34.57  | 42.07  | 54.45 | 55.75  | 68.20  | -12.45 | peak   |
| 3 | pp | 5500.000 | 8.85  | 34.60  | 42.03  | 97.10 | 98.52  | 68.20  | 30.32  | peak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5500 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5500 Band edge Note : 5G WiFi 11N 20

Antenna : ANT1

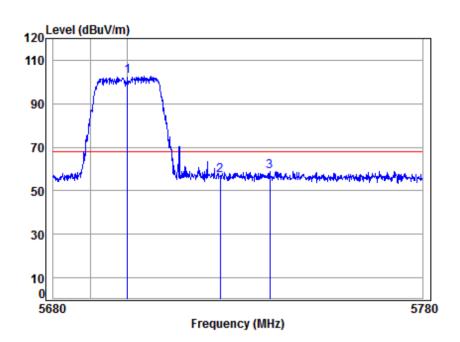
Cable Ant Preamp Limit 0ver Read Frea Loss Factor Factor Level Level Line Limit Remark MHz dΒ dB/m dB dBuV dBuV/m dBuV/m dB 1 pp 5459.550 8.79 34.57 42.07 45.96 47.25 54.00 -6.75 Average 5500.000 8.85 34.60 42.03 89.84 91.26 ----- Average



Report No.: SZEM180700654903

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Test mode: 802.11n(HT20) Frequency(MHz): 5700 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5700 Band edge Note : 5G WiFi 11N 20

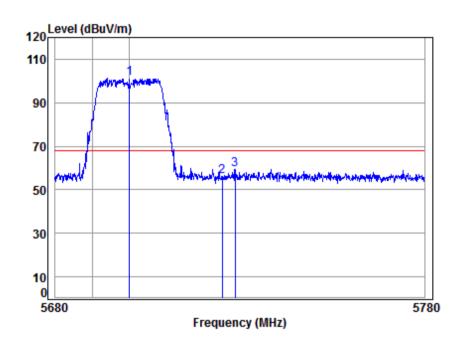
|      |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |  |
|------|----------|-------|--------|--------|--------|--------|--------|--------|--------|--|
|      | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |  |
| _    |          |       |        |        |        |        |        |        |        |  |
|      | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |  |
|      |          |       |        |        |        |        |        |        |        |  |
| 1 pp | 5700.000 | 9.56  | 34.81  | 41.86  | 100.14 | 102.65 | 68.20  | 34.45  | peak   |  |
| 2    | 5725.000 | 9.64  | 34.83  | 41.84  | 54.57  | 57.20  | 68.20  | -11.00 | peak   |  |
| 3    | 5738.488 | 9.69  | 34.84  | 41.83  | 56.35  | 59.05  | 68.20  | -9.15  | peak   |  |



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Test mode: 802.11n(HT20) Frequency(MHz): 5700 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5700 Band edge Note : 5G WiFi 11N 20

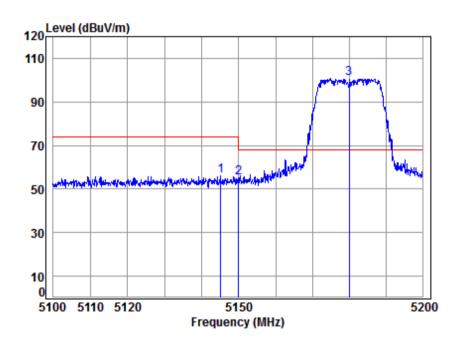
|   |    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |
|---|----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   |    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | _  |          |       |        |        |       |        |        |        |        |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
|   |    |          |       |        |        |       |        |        |        |        |
| 1 | pp | 5700.000 | 9.56  | 34.81  | 41.86  | 98.62 | 101.13 | 68.20  | 32.93  | peak   |
| 2 |    | 5725.000 | 9.64  | 34.83  | 41.84  | 53.39 | 56.02  | 68.20  | -12.18 | peak   |
| 3 |    | 5728.482 | 9.65  | 34.83  | 41.83  | 56.57 | 59.22  | 68.20  | -8.98  | peak   |



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Test mode: 802.11ac(HT20) Frequency(MHz): 5180 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5180 Band edge Note : 5G WiFi 11AC 20

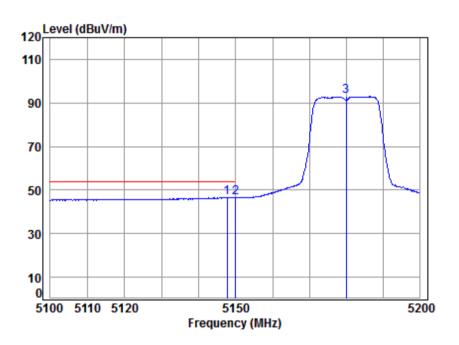
|   |    | Frea                 |      |       |       |        | Level  |       |       | Remark |   |
|---|----|----------------------|------|-------|-------|--------|--------|-------|-------|--------|---|
|   | -  | MHz                  |      |       |       |        | dBuV/m |       |       |        | _ |
| 1 |    |                      |      |       |       |        |        |       |       |        |   |
|   |    | 5145.060<br>5149.980 |      |       |       |        |        |       |       | •      |   |
| 3 | pp | 5180.000             | 8.37 | 34.35 | 42.33 | 100.40 | 100.79 | 68.20 | 32.59 | peak   |   |



Report No.: SZEM180700654903

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| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5180 | Average | Vertical |
|------------|----------------|-----------------|------|---------|----------|
|------------|----------------|-----------------|------|---------|----------|



Site : chamber Condition: 3m VERTICAL Job No : 06549RG

Mode : 5180 Band edge Note : 5G WiFi 11AC 20

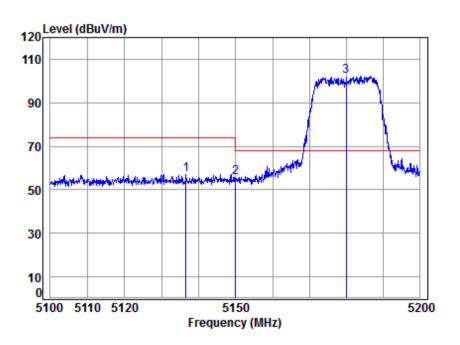
|     | Freq       |      |       | Preamp<br>Factor |       |        |        |       | Remark  |   |
|-----|------------|------|-------|------------------|-------|--------|--------|-------|---------|---|
|     | MHz        | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         | - |
| 1 p | p 5147.658 | 8.32 | 34.32 | 42.36            | 46.35 | 46.63  | 54.00  | -7.37 | Average |   |
| 2   | 5149.980   | 8.33 | 34.32 | 42.36            | 46.33 | 46.62  | 54.00  | -7.38 | Average |   |
| 3   | 5180.000   | 8.37 | 34.35 | 42.33            | 92.48 | 92.87  |        |       | Average |   |



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Test mode: 802.11ac(HT20) Frequency(MHz): 5180 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5180 Band edge Note : 5G WiFi 11AC 20

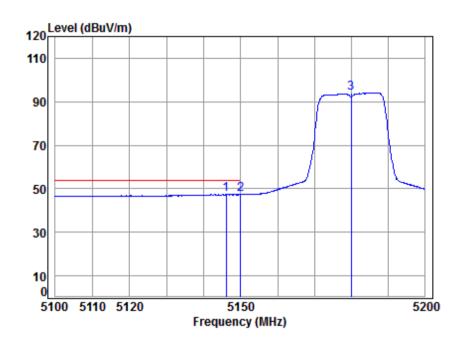
|   |    |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|---|----|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|   |    | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
|   |    |          |       |        |        |        |        |        |        |        |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|   |    |          |       |        |        |        |        |        |        |        |
| 1 |    | 5136.475 | 8.30  | 34.31  | 42.37  | 56.96  | 57.20  | 74.00  | -16.80 | peak   |
| 2 |    | 5149.980 | 8.33  | 34.32  | 42.36  | 55.56  | 55.85  | 74.00  | -18.15 | peak   |
| 3 | pp | 5180.000 | 8.37  | 34.35  | 42.33  | 101.65 | 102.04 | 68.20  | 33.84  | peak   |



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Test mode: 802.11ac(HT20) Frequency(MHz): 5180 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5180 Band edge Note : 5G WiFi 11AC 20

Antenna : ANT1

1 2 3

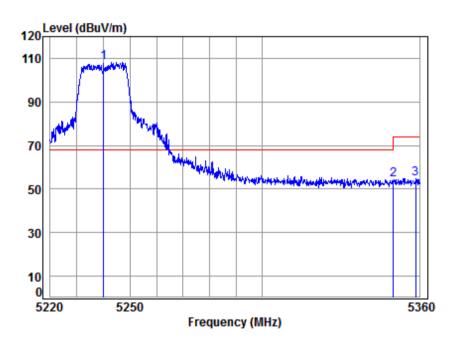
|   |    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver  |         |  |
|---|----|----------|-------|--------|--------|-------|--------|--------|-------|---------|--|
|   |    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit | Remark  |  |
|   | _  |          |       |        |        |       |        |        |       |         |  |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |  |
|   |    |          |       |        |        |       |        |        |       |         |  |
|   | pp | 5146.059 | 8.32  | 34.32  | 42.36  | 47.14 | 47.42  | 54.00  | -6.58 | Average |  |
| ) |    | 5149.980 | 8.33  | 34.32  | 42.36  | 47.11 | 47.40  | 54.00  | -6.60 | Average |  |
| } |    | 5180.000 | 8.37  | 34.35  | 42.33  | 93.78 | 94.17  |        |       | Average |  |



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Test mode: 802.11ac(HT20) Frequency(MHz): 5240 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11AC 20

Antenna : ANT1

1 2 3

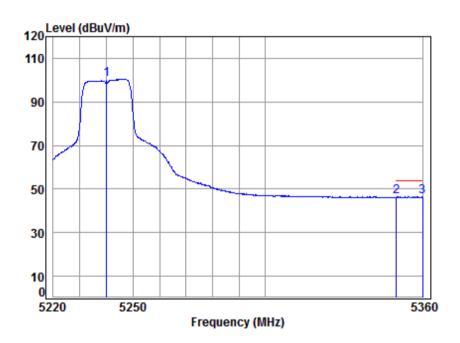
|   |    |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |   |
|---|----|----------|-------|--------|--------|--------|--------|--------|--------|--------|---|
|   |    | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |   |
|   | _  |          |       |        |        |        |        |        |        |        | _ |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |   |
|   |    |          |       |        |        |        |        |        |        |        |   |
|   | pp | 5240.000 | 8.46  | 34.40  | 42.27  | 107.59 | 108.18 | 68.20  | 39.98  | peak   |   |
| ) |    | 5350.020 | 8.63  | 34.48  | 42.17  | 53.58  | 54.52  | 74.00  | -19.48 | peak   |   |
| 3 |    | 5358.582 | 8.64  | 34.49  | 42.16  | 53.77  | 54.74  | 74.00  | -19.26 | peak   |   |



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| Test mode: 8 | 802.11ac(HT20) | Frequency(MHz): | 5240 | Average | Vertical |
|--------------|----------------|-----------------|------|---------|----------|
|--------------|----------------|-----------------|------|---------|----------|



Site : chamber Condition: 3m VERTICAL Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11AC 20

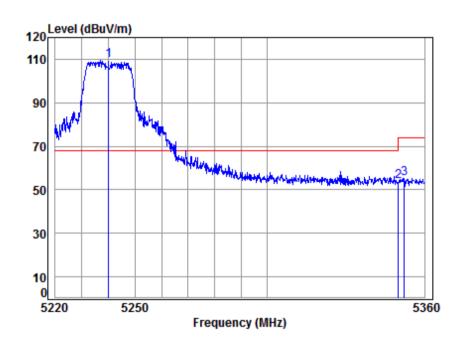
|      |          |      |        | Preamp |       |        |        |       |         |   |
|------|----------|------|--------|--------|-------|--------|--------|-------|---------|---|
|      | Freq     | Loss | Factor | Factor | Level | Level  | Line   | Limit | Remark  |   |
| -    |          |      |        |        |       |        |        |       |         | _ |
|      | MHZ      | dB   | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |   |
|      | F240 000 | 0.46 | 24.40  | 40.07  | 00.00 | 400 47 |        |       |         |   |
| 1    | 5240.000 | 8.46 | 34.40  | 42.2/  | 99.88 | 100.47 |        |       | Average |   |
| 2 pp | 5350.020 | 8.63 | 34.48  | 42.17  | 45.48 | 46.42  | 54.00  | -7.58 | Average |   |
| 3    | 5360.000 | 8.64 | 34.49  | 42.16  | 45.44 | 46.41  | 54.00  | -7.59 | Average |   |



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| l est mode:   802.11ac(HT20)   Frequency(MHz):   5240   Peak   Horizo | Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5240 | Peak | Horizontal |
|---|------------|----------------|-----------------|------|------|------------|
|---|------------|----------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11AC 20

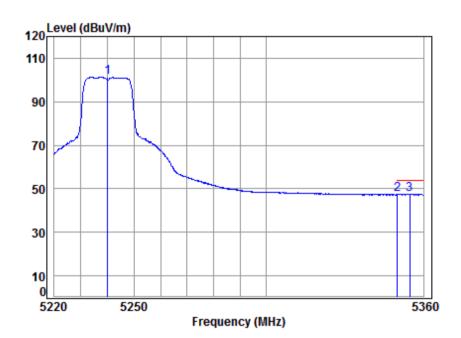
|      | Freq     |      |       |       |        |        | Limit<br>Line |        | Remark |
|------|----------|------|-------|-------|--------|--------|---------------|--------|--------|
|      | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m        | dB     |        |
| 1 pp | 5240.000 | 8.46 | 34.40 | 42.27 | 108.72 | 109.31 | 68.20         | 41.11  | peak   |
| 2    | 5350.020 | 8.63 | 34.48 | 42.17 | 53.07  | 54.01  | 74.00         | -19.99 | peak   |
| 3    | 5352.345 | 8.63 | 34.49 | 42.17 | 54.17  | 55.12  | 74.00         | -18.88 | peak   |



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| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5240 | Average | Horizontal |
|------------|----------------|-----------------|------|---------|------------|
|------------|----------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11AC 20

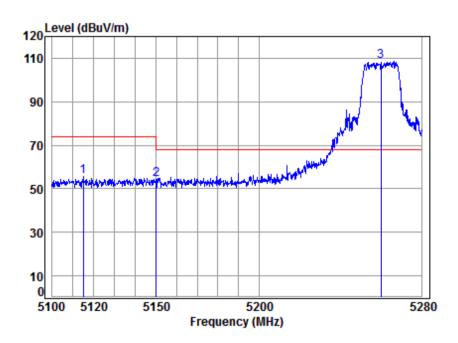
|   |    | Freq     |      | Ant<br>Factor |       |        |        |        |       | Remark  |  |
|---|----|----------|------|---------------|-------|--------|--------|--------|-------|---------|--|
|   | -  | MHz      | dB   | dB/m          | dB    | dBuV   | dBuV/m | dBuV/m | dB    |         |  |
| 1 |    | 5240.000 | 8.46 | 34.40         | 42.27 | 100.61 | 101.20 |        |       | Average |  |
| 2 |    | 5350.020 | 8.63 | 34.48         | 42.17 | 46.39  | 47.33  | 54.00  | -6.67 | Average |  |
| 3 | pp | 5354.754 | 8.64 | 34.49         | 42.16 | 46.52  | 47.49  | 54.00  | -6.51 | Average |  |



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Test mode: 802.11ac(HT20) Frequency(MHz): 5260 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5260 Band edge Note : 5G WiFi 11AC 20

Antenna : ANT1

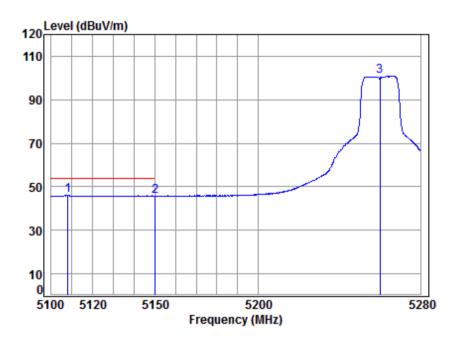
Cable Ant Preamp Limit 0ver Read Loss Factor Factor Level Level Line Limit Remark Frea MHz dB dB/m dΒ dBuV dBuV/m dBuV/m dB 5114.881 8.27 34.30 42.39 55.37 55.55 74.00 -18.45 peak 34.32 42.36 53.90 54.19 74.00 -19.81 peak 5149.980 8.33 3 pp 5260.000 8.49 34.41 42.25 107.86 108.51 68.20 40.31 peak



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Test mode: 802.11ac(HT20) Frequency(MHz): 5260 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5260 Band edge Note : 5G WiFi 11AC 20

Antenna : ANT1

1 2 3

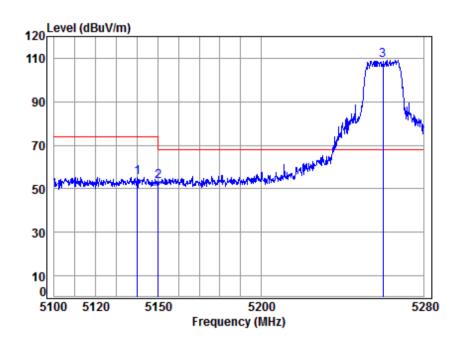
|   | Freq     |      | Ant<br>Factor |       |        |        |        |       | Remark  |
|---|----------|------|---------------|-------|--------|--------|--------|-------|---------|
| - | MHz      | dB   | dB/m          | dB    | dBuV   | dBuV/m | dBuV/m | dB    |         |
|   | 5107.966 |      |               |       |        |        |        |       | _       |
|   | 5149.980 | 8.33 | 34.32         | 42.36 | 45.47  | 45.76  | 54.00  | -8.24 | Average |
|   | 5260.000 | 8.49 | 34.41         | 42.25 | 100.19 | 100.84 |        |       | Average |



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| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5260 | Peak | Horizontal |
|------------|----------------|-----------------|------|------|------------|
|------------|----------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5260 Band edge Note : 5G WiFi 11AC 20

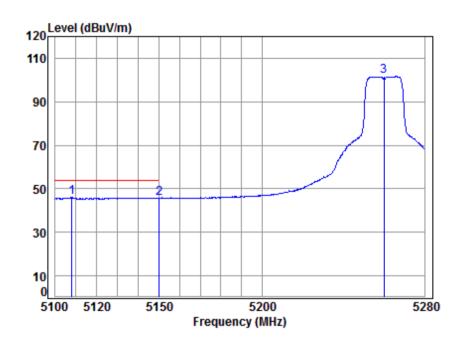
|   |    | Freq     |      |       |       |        | Level  |        |        | Remark |
|---|----|----------|------|-------|-------|--------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5139.958 | 8.31 | 34.32 | 42.36 | 55.13  | 55.40  | 74.00  | -18.60 | peak   |
| 2 |    | 5149.980 | 8.33 | 34.32 | 42.36 | 53.12  | 53.41  | 74.00  | -20.59 | peak   |
| 3 | pp | 5260.000 | 8.49 | 34.41 | 42.25 | 108.34 | 108.99 | 68.20  | 40.79  | peak   |



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| Test mode: 802.11ac(HT20)   Frequency(MHz): 5260   Average | e Horizontal |
|--|--------------|
|--|--------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5260 Band edge Note : 5G WiFi 11AC 20

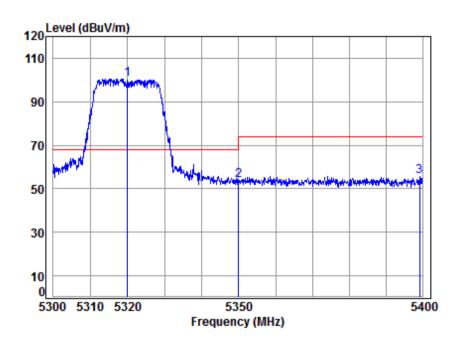
|              | Cable  | Ant     | Preamp | Read   |        | Limit  | 0ver  |         |
|--------------|--------|---------|--------|--------|--------|--------|-------|---------|
| Fre          | q Loss | Factor  | Factor | Level  | Level  | Line   | Limit | Remark  |
|              | •      |         |        |        |        |        |       |         |
| MH           | lz dB  | dB/m    | dB     | dBuV   | dBuV/m | dBuV/m | dB    |         |
|              |        | ub/ III | 40     | aba.   | abav,  | abav,  | u.    |         |
| 1 pp 5107.96 | 6 8.26 | 34.29   | 42.40  | 45.77  | 45.92  | 54.00  | -8.08 | Average |
|              |        |         |        |        |        |        |       | _       |
| 2 5149.98    |        |         |        |        |        |        |       | _       |
| 3 5260.00    | 0 8.49 | 34.41   | 42.25  | 100.95 | 101.60 |        |       | Average |



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Test mode: 802.11ac(HT20) Frequency(MHz): 5320 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5320 Band edge Note : 5G WiFi 11AC 20

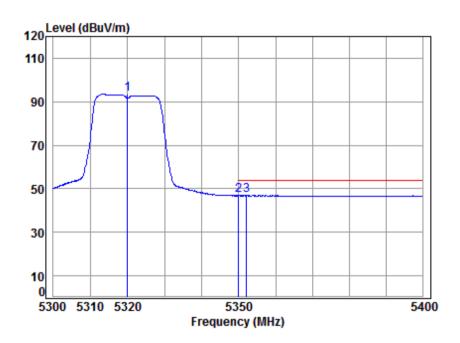
|   |    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |
|---|----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
|   |    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|   | _  |          |       |        |        |       |        |        |        |        |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
|   |    |          |       |        |        |       |        |        |        |        |
| 1 | pp | 5320.000 | 8.58  | 34.46  | 42.20  | 99.70 | 100.54 | 68.20  | 32.34  | peak   |
| 2 |    | 5350.020 | 8.63  | 34.48  | 42.17  | 53.11 | 54.05  | 74.00  | -19.95 | peak   |
| 3 |    | 5399.293 | 8.70  | 34.52  | 42.12  | 54.55 | 55.65  | 74.00  | -18.35 | peak   |



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Test mode: 802.11ac(HT20) Frequency(MHz): 5320 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5320 Band edge Note : 5G WiFi 11AC 20

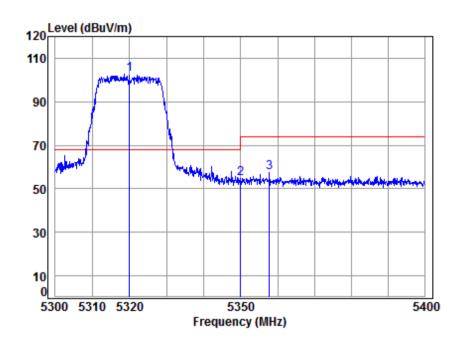
|   |    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver  |         |
|---|----|----------|-------|--------|--------|-------|--------|--------|-------|---------|
|   |    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit | Remark  |
|   |    |          |       |        |        |       |        |        |       |         |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |
|   |    |          |       |        |        |       |        |        |       |         |
| 1 |    | 5320.000 | 8.58  | 34.46  | 42.20  | 92.58 | 93.42  |        |       | Average |
| 2 |    | 5350.020 | 8.63  | 34.48  | 42.17  | 45.99 | 46.93  | 54.00  | -7.07 | Average |
| 3 | pp | 5352.067 | 8.63  | 34.49  | 42.17  | 46.03 | 46.98  | 54.00  | -7.02 | Average |



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| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5320 | Peak | Horizontal |
|------------|----------------|-----------------|------|------|------------|
|------------|----------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5320 Band edge Note : 5G WiFi 11AC 20

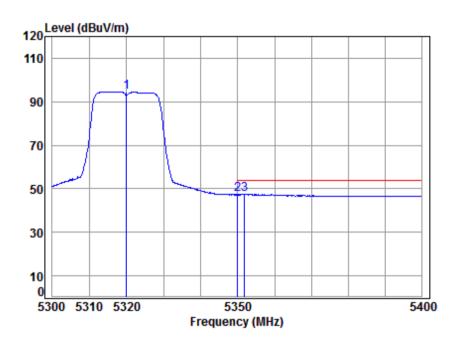
| Freq          |      |       |       |        |        | Limit<br>Line |        | Remark |
|---------------|------|-------|-------|--------|--------|---------------|--------|--------|
| MHz           | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m        | dB     |        |
| 1 pp 5320.000 | 8.58 | 34.46 | 42.20 | 101.86 | 102.70 | 68.20         | 34.50  | peak   |
| 2 5350.020    | 8.63 | 34.48 | 42.17 | 53.90  | 54.84  | 74.00         | -19.16 | peak   |
| 3 5357.772    | 8.64 | 34.49 | 42.16 | 56.51  | 57.48  | 74.00         | -16.52 | peak   |



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| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5320 | Average | Horizontal |
|------------|----------------|-----------------|------|---------|------------|
|------------|----------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5320 Band edge Note : 5G WiFi 11AC 20

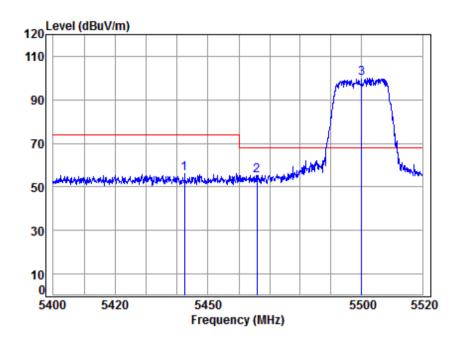
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |       |         |
|------|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1    | 5320.000 | 8.58 | 34.46 | 42.20            | 93.70 | 94.54  |        |       | Average |
| 2    | 5350.020 | 8.63 | 34.48 | 42.17            | 46.36 | 47.30  | 54.00  | -6.70 | Average |
| 3 pp | 5351.867 | 8.63 | 34.49 | 42.17            | 46.47 | 47.42  | 54.00  | -6.58 | Average |



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| Test mode: 802.11ac(HT20)   Frequency(MHz): 5500   Peak   Vertical |
|--|
|--|



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5500 Band edge Note : 5G WiFi 11AC 20

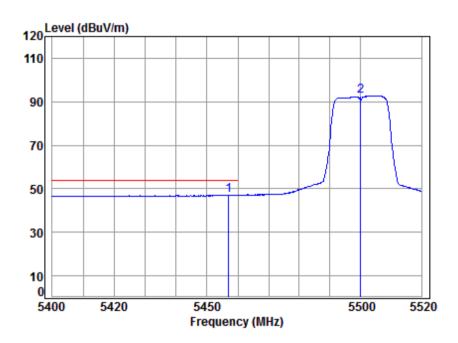
|   |    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |  |
|---|----|----------|-------|--------|--------|-------|--------|--------|--------|--------|--|
|   |    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |  |
|   | _  |          |       |        |        |       |        |        |        |        |  |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |  |
|   |    |          |       |        |        |       |        |        |        |        |  |
| 1 |    | 5442.418 | 8.77  | 34.56  | 42.09  | 54.91 | 56.15  | 74.00  | -17.85 | peak   |  |
| 2 |    | 5465.914 | 8.80  | 34.57  | 42.06  | 54.07 | 55.38  | 68.20  | -12.82 | peak   |  |
| 3 | pp | 5500.000 | 8.85  | 34.60  | 42.03  | 98.61 | 100.03 | 68.20  | 31.83  | peak   |  |



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| Test mode: 802.11ac(HT20)   Frequency(MHz): 5500   Average   Vertical |
|---|
|---|



Site : chamber Condition: 3m VERTICAL Job No : 06549RG

Mode : 5500 Band edge Note : 5G WiFi 11AC 20

Antenna : ANT1

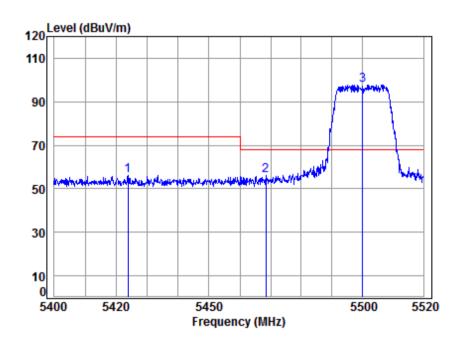
Cable Ant Preamp Limit 0ver Read Loss Factor Factor Level Level Line Limit Remark Frea MHz dB/m dΒ dBuV dBuV/m dBuV/m dB 1 pp 5457.031 8.79 34.57 42.07 45.88 47.17 54.00 -6.83 Average 5500.000 8.85 34.60 42.03 91.14 92.56 ----- Average



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| Test mode: 802.11ac(HT2 | ) Frequency(MHz): | 5500 F | Peak | Horizontal |
|-------------------------|-------------------|--------|------|------------|
|-------------------------|-------------------|--------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5500 Band edge Note : 5G WiFi 11AC 20

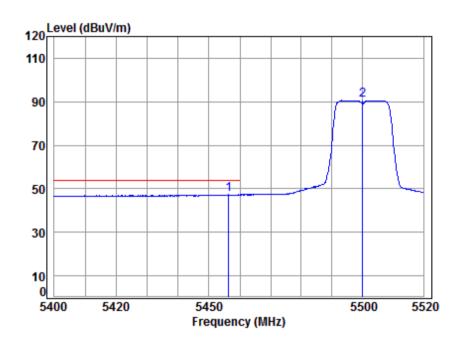
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5423.790 | 8.74 | 34.54 | 42.10            | 55.08 | 56.26  | 74.00  | -17.74 | peak   |
| 2 |    | 5468.437 | 8.80 | 34.58 | 42.06            | 54.58 | 55.90  | 68.20  | -12.30 | peak   |
| 3 | pp | 5500.000 | 8.85 | 34.60 | 42.03            | 96.36 | 97.78  | 68.20  | 29.58  | peak   |



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| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5500 | Average | Horizontal |
|------------|----------------|-----------------|------|---------|------------|
|------------|----------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5500 Band edge Note : 5G WiFi 11AC 20

Antenna : ANT1

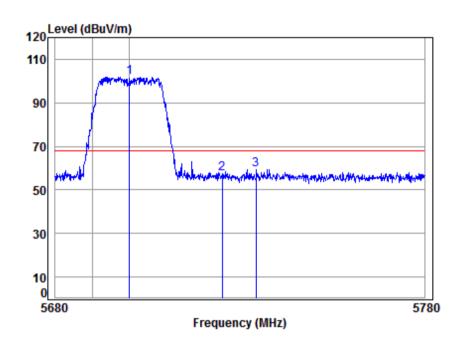
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|---|----|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|   | _  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 | рр | 5456.431 | 8.79 | 34.57 | 42.07            | 46.01 | 47.30  | 54.00  | -6.70 | Average |
| 2 |    | 5500.000 | 8.85 | 34.60 | 42.03            | 89.16 | 90.58  |        |       | Average |



Report No.: SZEM180700654903

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| Test mode: 802.11ac(HT20)   Frequency(MHz): 5700   Peak   Ve |
|--|
|--|



Site : chamber

Condition: 3m VERTICAL Job No : 06549RG

Mode : 5700 Band edge Note : 5G WiFi 11AC 20

Antenna : ANT1

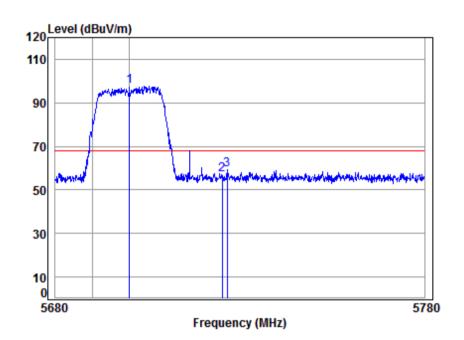
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 pp | 5700.000 | 9.56 | 34.81 | 41.86            | 99.18 | 101.69 | 68.20  | 33.49  | peak   |
| 2    | 5725.000 | 9.64 | 34.83 | 41.84            | 54.85 | 57.48  | 68.20  | -10.72 | peak   |
| 3    | 5734.184 | 9.67 | 34.84 | 41.83            | 56.71 | 59.39  | 68.20  | -8.81  | peak   |



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| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5700 | Peak | Horizontal |
|------------|----------------|-----------------|------|------|------------|
|------------|----------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5700 Band edge Note : 5G WiFi 11AC 20

Antenna : ANT1

|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|   |    | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | рр | 5700.000 | 9.56 | 34.81 | 41.86            | 95.06 | 97.57  | 68.20  | 29.37  | peak   |
| 2 |    | 5725.000 | 9.64 | 34.83 | 41.84            | 54.23 | 56.86  | 68.20  | -11.34 | peak   |
| 3 |    | 5726.383 | 9.65 | 34.83 | 41.84            | 56.69 | 59.33  | 68.20  | -8.87  | peak   |



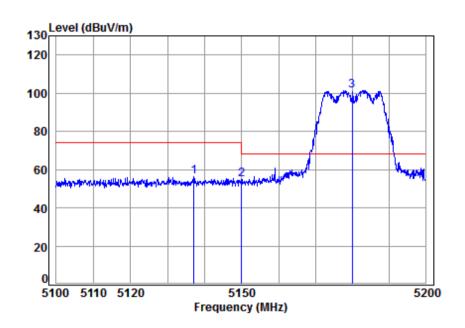
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### 5.8.1 Test plot for MIMO as follows:

5.8.1.1 802.11a

| Test mode: | 802.11a_CDD | Frequency(MHz): | 5180 | Peak | Vertical |
|------------|-------------|-----------------|------|------|----------|
|------------|-------------|-----------------|------|------|----------|



Site : chamber

Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5180 Band edge

: 5G WIFI 11A

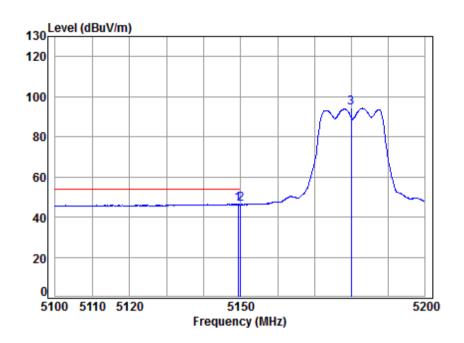
|   |    | Freq     |      | Ant<br>Factor |       |        |        |        |        | Remark |
|---|----|----------|------|---------------|-------|--------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m          | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5137.073 | 8.31 | 34.31         | 42.37 | 55.97  | 56.22  | 74.00  | -17.78 | peak   |
| 2 |    | 5149.980 | 8.33 | 34.32         | 42.36 | 54.45  | 54.74  | 74.00  | -19.26 | peak   |
| 3 | pp | 5180.000 | 8.37 | 34.35         | 42.33 | 101.12 | 101.51 | 68.20  | 33.31  | peak   |



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Test mode: 802.11a\_CDD Frequency(MHz): 5180 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5180 Band edge

: 5G WIFI 11A

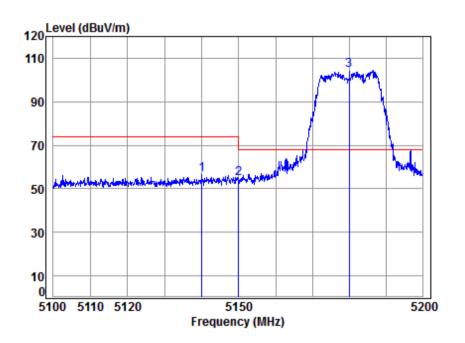
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|------|----------|------|-------|------------------|-------|--------|--------|-------|---------|
| -    | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 pp | 5149.257 | 8.32 | 34.32 | 42.36            | 46.06 | 46.34  | 54.00  | -7.66 | Average |
| 2    | 5149.980 | 8.33 | 34.32 | 42.36            | 45.99 | 46.28  | 54.00  | -7.72 | Average |
| 3    | 5180.000 | 8.37 | 34.35 | 42.33            | 93.78 | 94.17  |        |       | Average |



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Test mode: 802.11a\_CDD Frequency(MHz): 5180 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5180 Band edge Note : 5G WiFi 11A

Antenna : CDD

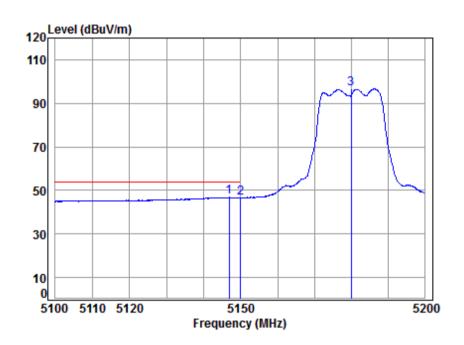
|   |    |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|---|----|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|   |    | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
|   |    |          |       |        |        |        |        |        |        |        |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|   |    |          |       |        |        |        |        |        |        |        |
| 1 |    | 5139.967 | 8.31  | 34.32  | 42.36  | 56.41  | 56.68  | 74.00  | -17.32 | peak   |
| 2 |    | 5149.980 | 8.33  | 34.32  | 42.36  | 54.51  | 54.80  | 74.00  | -19.20 | peak   |
| 3 | pp | 5180.000 | 8.37  | 34.35  | 42.33  | 104.00 | 104.39 | 68.20  | 36.19  | peak   |



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Test mode: 802.11a\_CDD Frequency(MHz): 5180 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5180 Band edge Note : 5G WiFi 11A

Antenna : CDD

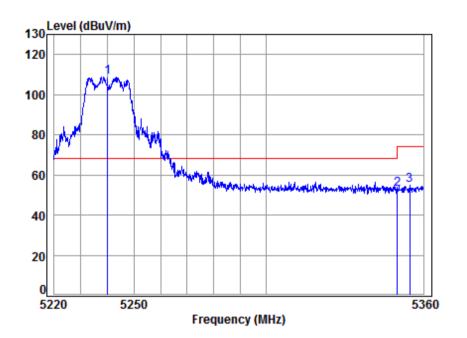
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|------|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 pp | 5146.858 | 8.32 | 34.32 | 42.36            | 46.50 | 46.78  | 54.00  | -7.22 | Average |
| 2    | 5149.980 | 8.33 | 34.32 | 42.36            | 46.38 | 46.67  | 54.00  | -7.33 | Average |
| 3    | 5180.000 | 8.37 | 34.35 | 42.33            | 96.21 | 96.60  |        |       | Average |



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Test mode: 802.11a\_CDD Frequency(MHz): 5240 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5240 Band edge

: 5G WIFI 11A

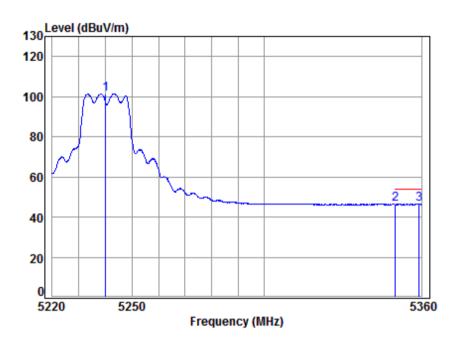
|   |             | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|---|-------------|-------|--------|--------|--------|--------|--------|--------|--------|
|   | Freq        | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
|   |             |       |        |        |        |        |        |        |        |
|   | MHz         | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|   |             |       |        |        |        |        |        |        |        |
| 1 | pp 5240.000 | 8.46  | 34.40  | 42.27  | 108.25 | 108.84 | 68.20  | 40.64  | peak   |
| 2 | 5350.020    | 8.63  | 34.48  | 42.17  | 52.06  | 53.00  | 74.00  | -21.00 | peak   |
| 3 | 5354.754    | 8.64  | 34.49  | 42.16  | 54.09  | 55.06  | 74.00  | -18.94 | peak   |



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Test mode: 802.11a\_CDD Frequency(MHz): 5240 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5240 Band edge

: 5G WIFI 11A

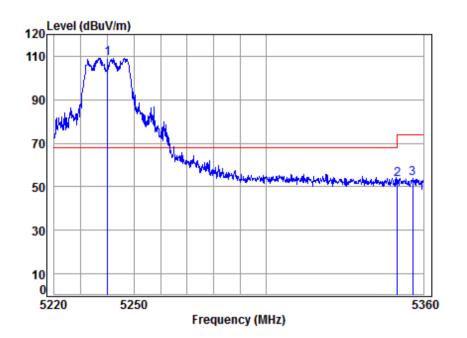
|     |             | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver  |         |   |
|-----|-------------|-------|--------|--------|--------|--------|--------|-------|---------|---|
|     | Freq        | Loss  | Factor | Factor | Level  | Level  | Line   | Limit | Remark  |   |
|     |             |       |        |        |        |        |        |       |         | _ |
|     | MHz         | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB    |         |   |
|     |             |       |        |        |        |        |        |       |         |   |
| 1   | 5240.000    | 8.46  | 34.40  | 42.27  | 100.92 | 101.51 |        |       | Average |   |
| 2   | 5350.020    | 8.63  | 34.48  | 42.17  | 45.31  | 46.25  | 54.00  | -7.75 | Average |   |
| 3 1 | pp 5359.149 | 8.64  | 34.49  | 42.16  | 45.40  | 46.37  | 54.00  | -7.63 | Average |   |



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Test mode: 802.11a\_CDD Frequency(MHz): 5240 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11A

Antenna : CDD

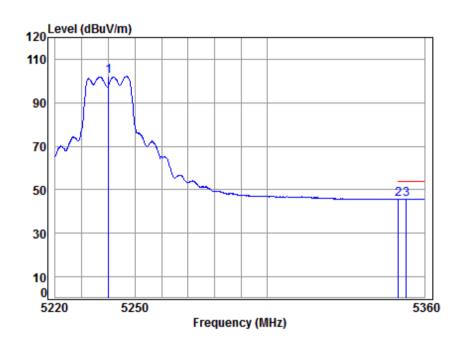
|         |        | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |  |
|---------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--|
|         | Freq   | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |  |
|         |        |       |        |        |        |        |        |        |        |  |
|         | MHz    | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |  |
|         |        |       |        |        |        |        |        |        |        |  |
| 1 pp 52 | 40.000 | 8.46  | 34.40  | 42.27  | 108.53 | 109.12 | 68.20  | 40.92  | peak   |  |
| 2 53    | 50.020 | 8.63  | 34.48  | 42.17  | 52.26  | 53.20  | 74.00  | -20.80 | peak   |  |
| 3 53    | 55.888 | 8.64  | 34.49  | 42.16  | 53.02  | 53.99  | 74.00  | -20.01 | peak   |  |



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Test mode: 802.11a\_CDD Frequency(MHz): 5240 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11A

Antenna : CDD

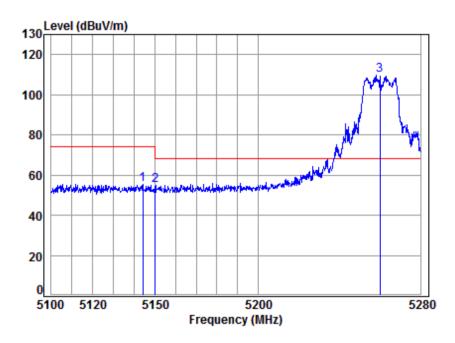
|     |       |         | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver  |         |  |
|-----|-------|---------|-------|--------|--------|--------|--------|--------|-------|---------|--|
|     |       | Freq    | Loss  | Factor | Factor | Level  | Level  | Line   | Limit | Remark  |  |
|     |       |         |       |        |        |        |        |        |       |         |  |
|     |       | MHz     | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB    |         |  |
|     |       |         |       |        |        |        |        |        |       |         |  |
| 1   | 52    | 240.000 | 8.46  | 34.40  | 42.27  | 101.55 | 102.14 |        |       | Average |  |
| 2   | 53    | 350.020 | 8.63  | 34.48  | 42.17  | 44.68  | 45.62  | 54.00  | -8.38 | Average |  |
| 3 r | op 53 | 353.053 |       |        |        |        |        |        |       | Average |  |



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Test mode: 802.11a\_CDD Frequency(MHz): 5260 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

1 2

Mode : 5260 Band edge

: 5G WIFI 11A

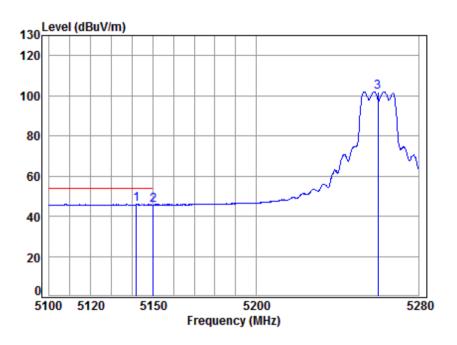
| Freq                 |      |         |       |        |        | Limit<br>Line |       |      |
|----------------------|------|---------|-------|--------|--------|---------------|-------|------|
| MHz                  | dB   | dB/m    | dB    | dBuV   | dBuV/m | dBuV/m        | dB    |      |
| 5144.060<br>5149.980 |      |         |       |        |        |               |       | •    |
| 5260 000             | 8 49 | 3/1 //1 | 42 25 | 108 85 | 109 50 | 68 20         | 41 30 | neak |



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Test mode: 802.11a\_CDD Frequency(MHz): 5260 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

1 2 3

Mode : 5260 Band edge

: 5G WIFI 11A

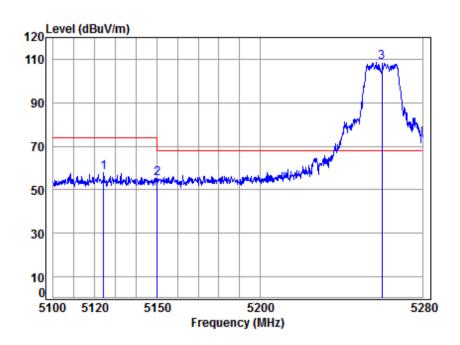
| Freq                   |      | Ant<br>Factor |       |        |        |        |       | Remark  |   |
|------------------------|------|---------------|-------|--------|--------|--------|-------|---------|---|
| MHz                    | dB   | dB/m          | dB    | dBuV   | dBuV/m | dBuV/m | dB    |         | - |
| p 5141.919<br>5149.980 | 8.33 | 34.32         | 42.36 | 45.41  | 45.70  | 54.00  | -8.30 | Average |   |
| 5260.000               | 8.49 | 34.41         | 42.25 | 101.33 | 101.98 |        |       | Average |   |



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Test mode: 802.11a\_CDD Frequency(MHz): 5260 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

1

Mode : 5260 Band edge

: 5G WIFI 11A

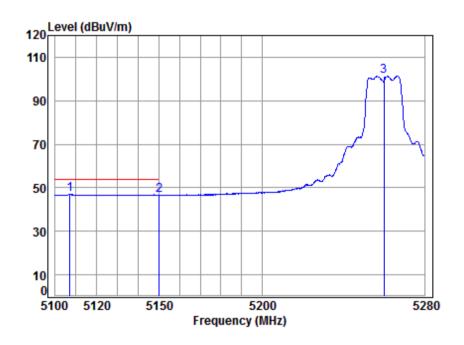
|    | Freq                 |    | Ant<br>Factor |    |      |        |        |    | Remark |
|----|----------------------|----|---------------|----|------|--------|--------|----|--------|
| -  | MHz                  | dB | dB/m          | dB | dBuV | dBuV/m | dBuV/m | dB |        |
|    | 5124.292             |    |               |    |      |        |        |    | •      |
| nn | 5149.980<br>5260 000 |    |               |    |      |        |        |    | •      |



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Test mode: 802.11a\_CDD Frequency(MHz): 5260 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5260 Band edge

: 5G WIFI 11A

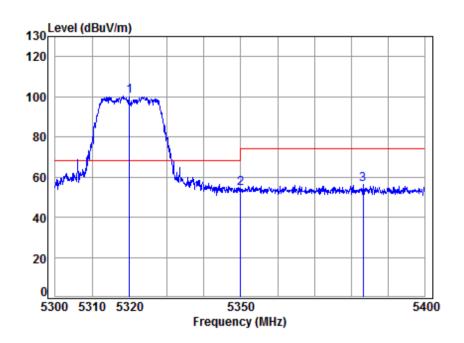
|      | Freq     |      |       |       |        |        | Limit<br>Line |       | Remark  |
|------|----------|------|-------|-------|--------|--------|---------------|-------|---------|
| -    | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m        | dB    |         |
| 1 pp | 5107.081 | 8.26 | 34.29 | 42.40 | 46.81  | 46.96  | 54.00         | -7.04 | Average |
| 2    | 5149.980 | 8.33 | 34.32 | 42.36 | 46.32  | 46.61  | 54.00         | -7.39 | Average |
| 3    | 5260.000 | 8.49 | 34.41 | 42.25 | 100.69 | 101.34 |               |       | Average |



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Test mode: 802.11a\_CDD Frequency(MHz): 5320 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

1 2 3

Mode : 5320 Band edge

: 5G WIFI 11A

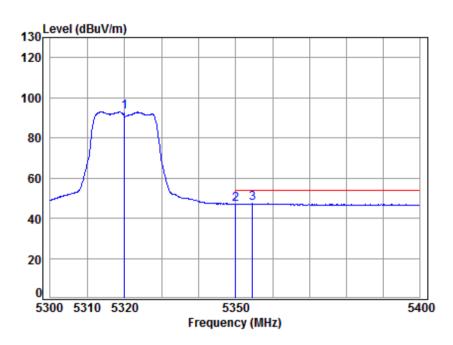
|    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|    | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| pp | 5320.000 | 8.58 | 34.46 | 42.20            | 99.28 | 100.12 | 68.20  | 31.92  | peak   |
|    | 5350.020 | 8.63 | 34.48 | 42.17            | 53.57 | 54.51  | 74.00  | -19.49 | peak   |
|    | 5383.271 | 8.68 | 34.51 | 42.14            | 55.38 | 56.43  | 74.00  | -17.57 | neak   |



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Test mode: 802.11a\_CDD Frequency(MHz): 5320 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

1 2 3

Mode : 5320 Band edge

: 5G WIFI 11A

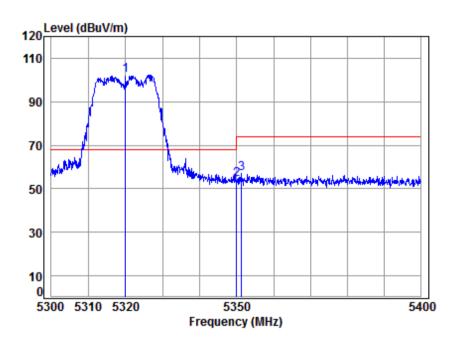
| Freq                                |      |       | Preamp<br>Factor |       |        |        |       | Remark                        |
|-------------------------------------|------|-------|------------------|-------|--------|--------|-------|-------------------------------|
| MHz                                 | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |                               |
| 5320.000<br>5350.020<br>pp 5354.568 | 8.63 | 34.48 | 42.17            | 46.21 | 47.15  | 54.00  | -6.85 | Average<br>Average<br>Average |



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Test mode: 802.11a\_CDD Frequency(MHz): 5320 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5320 Band edge

: 5G WIFI 11A

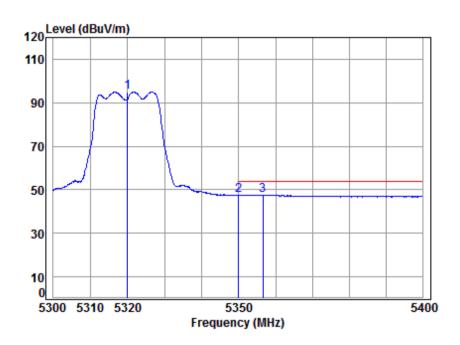
| Remark |        |        |        |        |       | Ant<br>Factor |      | Freq     |
|--------|--------|--------|--------|--------|-------|---------------|------|----------|
|        | dB     | dBuV/m | dBuV/m | dBuV   | dB    | dB/m          | dB   | MHz      |
| peak   | 34.22  | 68.20  | 102.42 | 101.58 | 42.20 | 34.46         | 8.58 | 5320.000 |
| peak   | -19.50 | 74.00  | 54.50  | 53.56  | 42.17 | 34.48         | 8.63 | 5350.020 |
| neak   | -17.04 | 74.00  | 56.96  | 56.01  | 42.17 | 34.49         | 8.63 | 5351.367 |



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Test mode: 802.11a\_CDD Frequency(MHz): 5320 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5320 Band edge

: 5G WIFI 11A

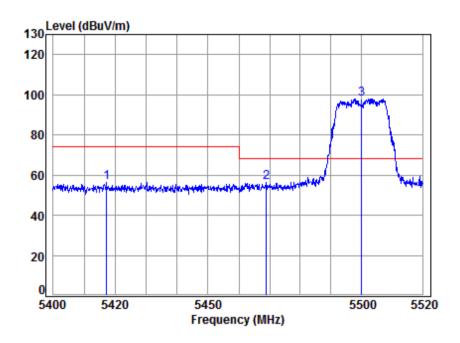
|                | Freq                             |      |       | Preamp<br>Factor |       |        |        |       |                               |
|----------------|----------------------------------|------|-------|------------------|-------|--------|--------|-------|-------------------------------|
|                | MHz                              | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |                               |
| 1<br>2<br>3 pp | 5320.000<br>5350.020<br>5356.571 | 8.63 | 34.48 | 42.17            | 46.61 | 47.55  | 54.00  | -6.45 | Average<br>Average<br>Average |



Report No.: SZEM180700654903

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Test mode: 802.11a\_CDD Frequency(MHz): 5500 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5500 Band edge

: 5G WIFI 11A

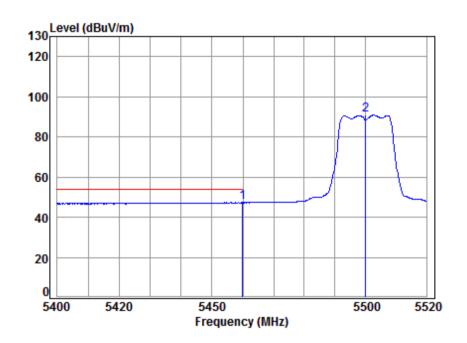
|      | _        |      |        | Preamp |       |        |        |        |        |
|------|----------|------|--------|--------|-------|--------|--------|--------|--------|
|      | Freq     | Loss | Factor | Factor | Level | revel  | Line   | Limit  | Kemark |
|      | MHz      | dB   | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1    | 5417.118 | 8.73 | 34.54  | 42.11  | 55.20 | 56.36  | 74.00  | -17.64 | peak   |
| 2    | 5468.918 | 8.80 | 34.58  | 42.06  | 54.84 | 56.16  | 68.20  | -12.04 | peak   |
| 3 pp | 5500.000 | 8.85 | 34.60  | 42.03  | 96.68 | 98.10  | 68.20  | 29.90  | peak   |



Report No.: SZEM180700654903

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Test mode: 802.11a\_CDD Frequency(MHz): 5500 Average Vertical



Site : chamber

Condition: 3m VERTICAL

Job No : 06549RG

1 2

Mode : 5500 Band edge

: 5G WIFI 11A

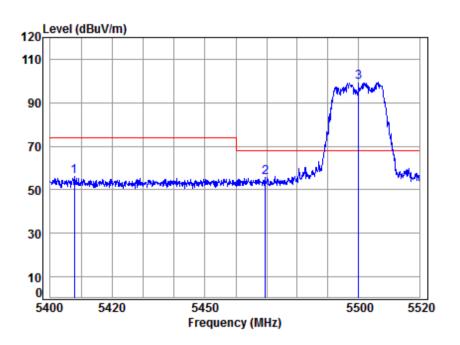
| Freq         |      |       | Preamp<br>Factor |       |        |        |    |         |   |
|--------------|------|-------|------------------|-------|--------|--------|----|---------|---|
| MHz          | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB |         | _ |
| <br>5459.910 |      |       |                  |       |        |        |    | _       |   |
| 5500.000     | 8.85 | 34.60 | 42.03            | 89.43 | 90.85  |        |    | Average |   |



Report No.: SZEM180700654903

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Test mode: 802.11a\_CDD Frequency(MHz): 5500 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5500 Band edge

: 5G WIFI 11A

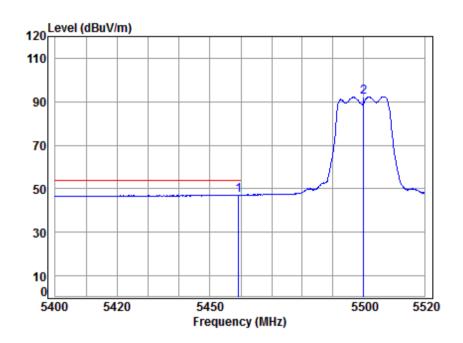
|      |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |
|------|----------|-------|--------|--------|-------|--------|--------|--------|--------|
|      | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|      |          |       |        |        |       |        |        |        |        |
|      | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
|      |          |       |        |        |       |        |        |        |        |
| 1    | 5407.720 | 8.72  | 34.53  | 42.12  | 54.79 | 55.92  | 74.00  | -18.08 | peak   |
| 2    | 5469.639 | 8.81  | 34.58  | 42.06  | 54.42 | 55.75  | 68.20  | -12.45 | peak   |
| 3 pp | 5500.000 | 8.85  | 34.60  | 42.03  | 97.99 | 99.41  | 68.20  | 31.21  | peak   |



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Test mode: 802.11a\_CDD Frequency(MHz): 5500 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5500 Band edge

: 5G WIFI 11A

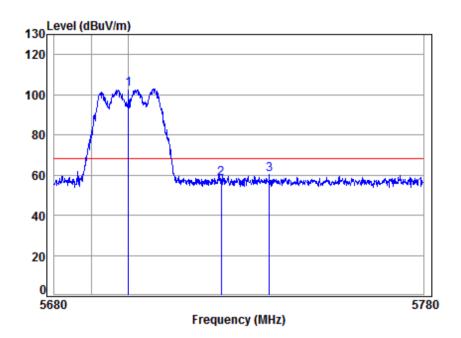
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |       |         |
|------|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 pp | 5459.190 | 8.79 | 34.57 | 42.07            | 45.88 | 47.17  | 54.00  | -6.83 | Average |
| 2    | 5500.000 | 8.85 | 34.60 | 42.03            | 90.96 | 92.38  |        |       | Average |



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Test mode: 802.11a\_CDD Frequency(MHz): 5700 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5700 Band edge

: 5G WIFI 11A

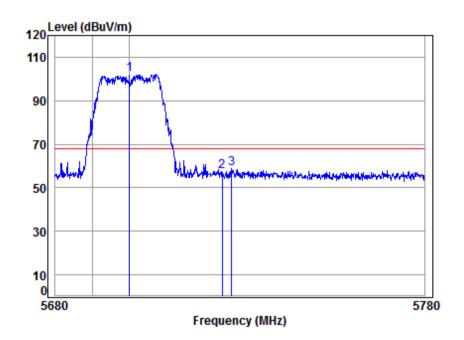
|   |    |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |  |
|---|----|----------|-------|--------|--------|--------|--------|--------|--------|--------|--|
|   |    | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |  |
|   | _  |          |       |        |        |        |        |        |        |        |  |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |  |
|   |    |          |       |        |        |        |        |        |        |        |  |
| 1 | pp | 5700.000 | 9.56  | 34.81  | 41.86  | 100.12 | 102.63 | 68.20  | 34.43  | peak   |  |
| 2 |    | 5725.000 | 9.64  | 34.83  | 41.84  | 55.56  | 58.19  | 68.20  | -10.01 | peak   |  |
| 3 |    | 5738.088 | 9.69  | 34.84  | 41.83  | 57.45  | 60.15  | 68.20  | -8.05  | peak   |  |



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Test mode: 802.11a\_CDD Frequency(MHz): 5700 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5700 Band edge

: 5G WIFI 11A

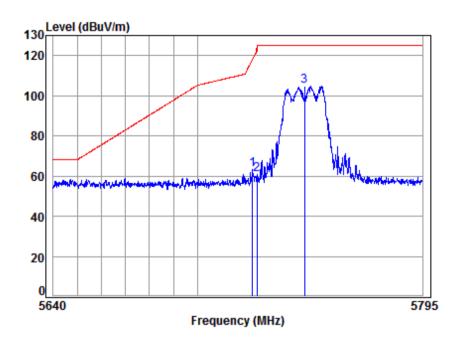
|      | Frea     |      |       | Preamp<br>Factor |       |        |       |        | Remark |
|------|----------|------|-------|------------------|-------|--------|-------|--------|--------|
|      |          |      |       | dB               |       |        |       |        |        |
| 1 pp | 5700.000 | 9.56 | 34.81 | 41.86            | 99.58 | 102.09 | 68.20 | 33.89  | peak   |
| 2    | 5725.000 | 9.64 | 34.83 | 41.84            | 54.67 | 57.30  | 68.20 | -10.90 | peak   |
| 3    | 5727.583 | 9.65 | 34.83 | 41.84            | 56.13 | 58.77  | 68.20 | -9.43  | peak   |



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Test mode: 802.11a\_CDD Frequency(MHz): 5745 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5745 Band edge

: 5G WIFI 11A

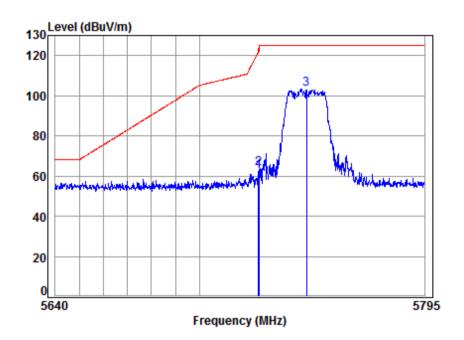
|                | Freq                             |      |       |       |       |        | Limit<br>Line              |        | Remark |
|----------------|----------------------------------|------|-------|-------|-------|--------|----------------------------|--------|--------|
| -              | MHz                              | dB   | dB/m  | dB    | dBuV  | dBuV/m | dBuV/m                     | dB     |        |
| 1<br>2<br>3 pp | 5723.178<br>5725.000<br>5745.000 | 9.64 | 34.83 | 41.84 | 58.23 | 60.86  | 118.05<br>122.20<br>125.20 | -61.34 | peak   |



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Test mode: 802.11a\_CDD Frequency(MHz): 5745 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

1 2 3

Mode : 5745 Band edge

: 5G WIFI 11A

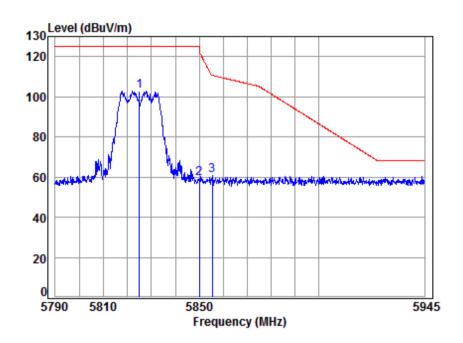
| Freq        |      | Ant<br>Factor |       |        |        |        | Over<br>Limit | Remark |
|-------------|------|---------------|-------|--------|--------|--------|---------------|--------|
| MHz         | dB   | dB/m          | dB    | dBuV   | dBuV/m | dBuV/m | dB            |        |
| 5724.885    | 9.64 | 34.83         | 41.84 | 59.58  | 62.21  | 121.94 | -59.73        | peak   |
| 5725.000    | 9.64 | 34.83         | 41.84 | 61.31  | 63.94  | 122.20 | -58.26        | peak   |
| nn 5745,000 | 9.71 | 34.85         | 41.82 | 100.39 | 103.13 | 125.20 | -22.07        | neak   |



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Test mode: 802.11a\_CDD Frequency(MHz): 5825 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

1 2 3

Mode : 5825 Band edge

: 5G WIFI 11A

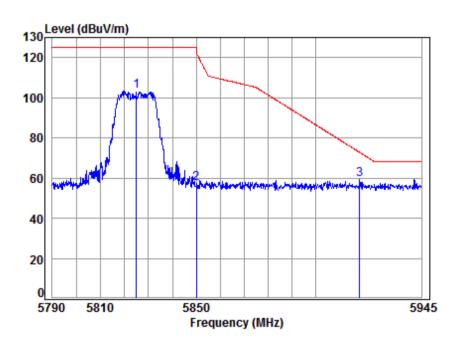
|    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |
|----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
|    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
| _  |          |       |        |        |       |        |        |        |        |
|    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
|    |          |       |        |        |       |        |        |        |        |
| pp | 5825.000 | 9.98  | 34.93  | 41.75  | 99.86 | 103.02 | 125.20 | -22.18 | peak   |
|    | 5850.000 | 10.07 | 34.95  | 41.73  | 55.93 | 59.22  | 122.20 | -62.98 | peak   |
|    | 5855.375 | 10.09 | 34.96  | 41.73  | 57.43 | 60.75  | 110.69 | -49.94 | peak   |



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Test mode: 802.11a\_CDD Frequency(MHz): 5825 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5825 Band edge

: 5G WIFI 11A

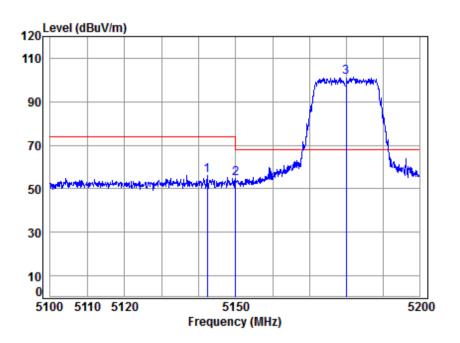
|   | Freq        |       |       |       | Read<br>Level |        |        |        | Remark |
|---|-------------|-------|-------|-------|---------------|--------|--------|--------|--------|
|   | MHz         | dB    | dB/m  | dB    | dBuV          | dBuV/m | dBuV/m | dB     |        |
| 1 | 5825.000    | 9.98  | 34.93 | 41.75 | 100.09        | 103.25 | 125.20 | -21.95 | peak   |
| 2 | 5850.000    | 10.07 | 34.95 | 41.73 | 53.84         | 57.13  | 122.20 | -65.07 | peak   |
| 3 | pp 5918.830 | 10.30 | 35.02 | 41.67 | 55.61         | 59.26  | 72.77  | -13.51 | peak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5180 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5180 Band edge Note : 5G WiFi 11N 20

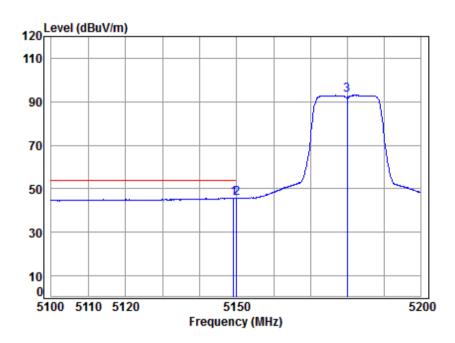
|     |            | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|-----|------------|-------|--------|--------|--------|--------|--------|--------|--------|
|     | Freq       | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
|     |            |       |        |        |        |        |        |        |        |
|     | MHz        | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|     |            |       |        |        |        |        |        |        |        |
| 1   | 5142.363   | 8.31  | 34.32  | 42.36  | 55.70  | 55.97  | 74.00  | -18.03 | peak   |
| 2   | 5149.980   | 8.33  | 34.32  | 42.36  | 54.46  | 54.75  | 74.00  | -19.25 | peak   |
| 3 p | p 5180.000 | 8.37  | 34.35  | 42.33  | 100.68 | 101.07 | 68.20  | 32.87  | peak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5180 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5180 Band edge Note : 5G WiFi 11N 20

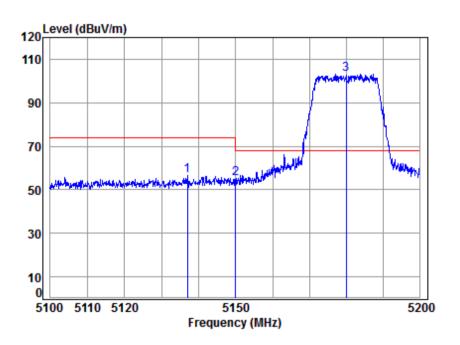
|   |    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver  |         |
|---|----|----------|-------|--------|--------|-------|--------|--------|-------|---------|
|   |    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit | Remark  |
|   | _  |          |       |        |        |       |        |        |       |         |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |
|   |    |          |       |        |        |       |        |        |       |         |
| 1 |    | 5149.157 | 8.32  | 34.32  | 42.36  | 45.45 | 45.73  | 54.00  | -8.27 | Average |
| 2 | pp | 5149.980 | 8.33  | 34.32  | 42.36  | 45.45 | 45.74  | 54.00  | -8.26 | Average |
| 3 |    | 5180.000 | 8.37  | 34.35  | 42.33  | 92.54 | 92.93  |        |       | Average |



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Test mode: 802.11n(HT20) Frequency(MHz): 5180 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

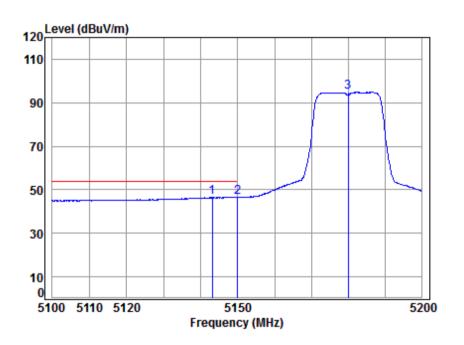
Mode : 5180 Band edge Note : 5G WiFi 11N 20



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Test mode: 802.11n(HT20) Frequency(MHz): 5180 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5180 Band edge Note : 5G WiFi 11N 20

Antenna : MIMO

1 2 3

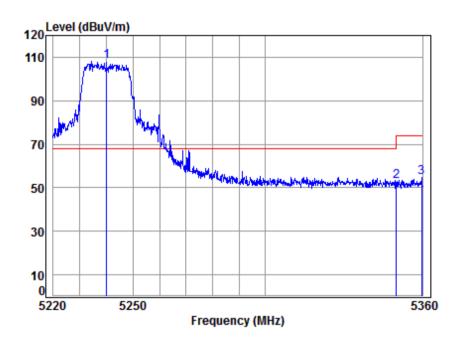
|   | Freq                 |    |      | Preamp<br>Factor |      |        |        |    |   |   |
|---|----------------------|----|------|------------------|------|--------|--------|----|---|---|
| - | MHz                  | dB | dB/m | dB               | dBuV | dBuV/m | dBuV/m | dB |   | - |
|   | 5143.162             |    |      |                  |      |        |        |    | _ |   |
|   | 5149.980<br>5180.000 |    |      |                  |      |        |        |    | _ |   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5240 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11N 20

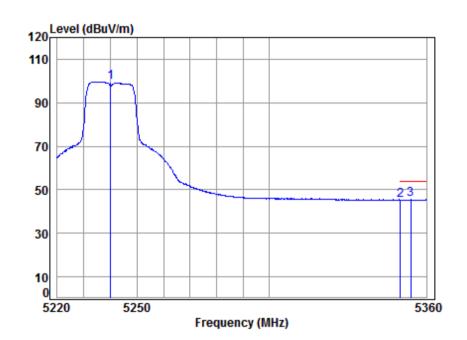
|   |    |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|---|----|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|   |    | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
|   | _  |          |       |        |        |        |        |        |        |        |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|   |    |          |       |        |        |        |        |        |        |        |
| 1 | pp | 5240.000 | 8.46  | 34.40  | 42.27  | 107.46 | 108.05 | 68.20  | 39.85  | peak   |
| 2 |    | 5350.020 | 8.63  | 34.48  | 42.17  | 51.81  | 52.75  | 74.00  | -21.25 | peak   |
| 3 |    | 5359.716 | 8.64  | 34.49  | 42.16  | 53.61  | 54.58  | 74.00  | -19.42 | peak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5240 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11N 20

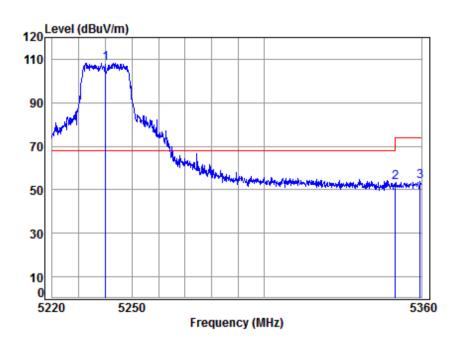
|     | Freq       |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|-----|------------|------|-------|------------------|-------|--------|--------|-------|---------|
|     | MHz        | dB   | dB/m  | ——dB             | dBuV  | dBuV/m | dBuV/m | ——dB  |         |
| 1   | 5240.000   | 8.46 | 34.40 | 42.27            | 98.96 | 99.55  |        |       | Average |
| 2   | 5350.020   | 8.63 | 34.48 | 42.17            | 44.38 | 45.32  | 54.00  | -8.68 | Average |
| 3 p | p 5354.045 | 8.64 | 34.49 | 42.17            | 44.45 | 45.41  | 54.00  | -8.59 | Average |



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Test mode: 802.11n(HT20) Frequency(MHz): 5240 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11N 20

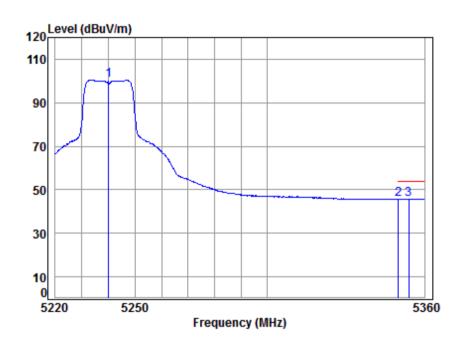
|      |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|------|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|      | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
| _    |          |       |        |        |        |        |        |        |        |
|      | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|      |          |       |        |        |        |        |        |        |        |
| 1 pp | 5240.000 | 8.46  | 34.40  | 42.27  | 107.51 | 108.10 | 68.20  | 39.90  | peak   |
| 2    | 5350.020 | 8.63  | 34.48  | 42.17  | 52.39  | 53.33  | 74.00  | -20.67 | peak   |
| 3    | 5359.433 | 8.64  | 34.49  | 42.16  | 52.71  | 53.68  | 74.00  | -20.32 | neak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5240 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11N 20

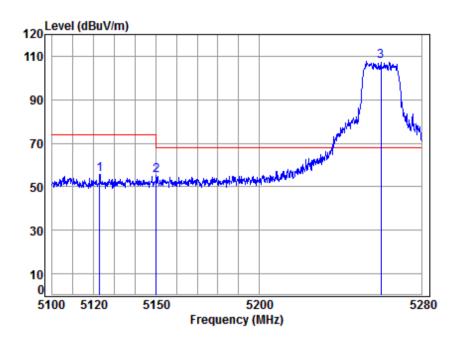
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|---|----|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 |    | 5240.000 | 8.46 | 34.40 | 42.27            | 99.76 | 100.35 |        |       | Average |
| 2 | pp | 5350.020 | 8.63 | 34.48 | 42.17            | 44.78 | 45.72  | 54.00  | -8.28 | Average |
| 3 |    | 5353.903 | 8.64 | 34.49 | 42.17            | 44.75 | 45.71  | 54.00  | -8.29 | Average |



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Test mode: 802.11n(HT20) Frequency(MHz): 5260 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5260 Band edge

: 5G WIFI 11N 20

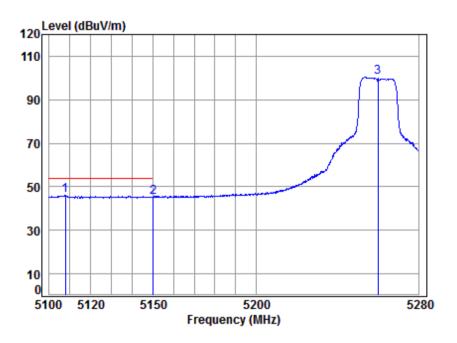
|      | Freq     |      |       |       |        | Level  |        |        | Remark |
|------|----------|------|-------|-------|--------|--------|--------|--------|--------|
|      | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| 1    | 5122.871 | 8.28 | 34.30 | 42.38 | 55.33  | 55.53  | 74.00  | -18.47 | peak   |
| 2    | 5149.980 | 8.33 | 34.32 | 42.36 | 54.71  | 55.00  | 74.00  | -19.00 | peak   |
| 3 рр | 5260.000 | 8.49 | 34.41 | 42.25 | 107.17 | 107.82 | 68.20  | 39.62  | peak   |



Report No.: SZEM180700654903

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Test mode: 802.11n(HT20) Frequency(MHz): 5260 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

1 2 3

Mode : 5260 Band edge

: 5G WIFI 11N 20

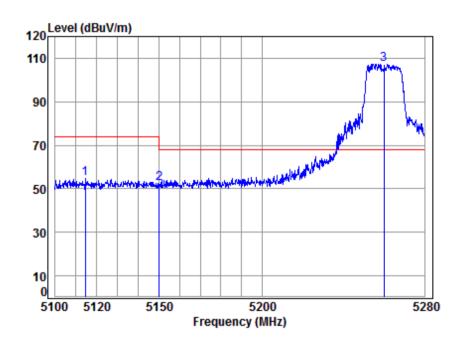
|    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver  |         |  |
|----|----------|-------|--------|--------|-------|--------|--------|-------|---------|--|
|    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit | Remark  |  |
| _  |          |       |        |        |       |        |        |       |         |  |
|    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |  |
|    |          |       |        |        |       |        |        |       |         |  |
| pp | 5107.790 | 8.26  | 34.29  | 42.40  | 46.14 | 46.29  | 54.00  | -7.71 | Average |  |
|    | 5149.980 | 8.33  | 34.32  | 42.36  | 45.04 | 45.33  | 54.00  | -8.67 | Average |  |
|    | 5260.000 | 8.49  | 34.41  | 42.25  | 99.76 | 100.41 |        |       | Average |  |



Report No.: SZEM180700654903

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| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5260 | Peak | Horizontal |
|------------|---------------|-----------------|------|------|------------|
|------------|---------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5260 Band edge

: 5G WIFI 11N 20

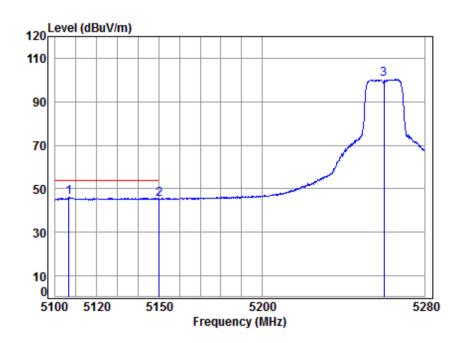
|   |    | Freq     |      |       |       |        | Level  |        |        | Remark |
|---|----|----------|------|-------|-------|--------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5114.526 | 8.27 | 34.30 | 42.39 | 54.43  | 54.61  | 74.00  | -19.39 | peak   |
| 2 |    | 5149.980 | 8.33 | 34.32 | 42.36 | 52.02  | 52.31  | 74.00  | -21.69 | peak   |
| 3 | pp | 5260.000 | 8.49 | 34.41 | 42.25 | 106.75 | 107.40 | 68.20  | 39.20  | peak   |



Report No.: SZEM180700654903

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| Test mode: 802.11n(HT20) Freq | iency(MHz): 5260 | Average | Horizontal |
|-------------------------------|------------------|---------|------------|
|-------------------------------|------------------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5260 Band edge

: 5G WIFI 11N 20

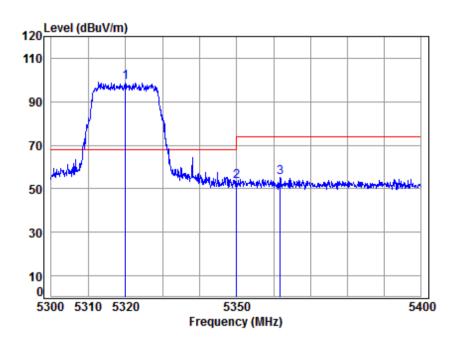
| Freq          |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|---------------|------|-------|------------------|-------|--------|--------|-------|---------|
| MHz           | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 pp 5106.549 | 8.26 | 34.29 | 42.40            | 45.89 | 46.04  | 54.00  | -7.96 | Average |
| 2 5149.980    | 8.33 | 34.32 | 42.36            | 45.02 | 45.31  | 54.00  | -8.69 | Average |
| 3 5260.000    | 8.49 | 34.41 | 42.25            | 99.59 | 100.24 |        |       | Average |



Report No.: SZEM180700654903

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Test mode: 802.11n(HT20) Frequency(MHz): 5320 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

1 2 3

Mode : 5320 Band edge

: 5G WIFI 11N 20

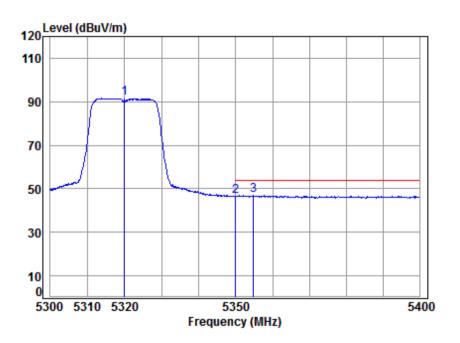
|    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |
|----|----------|-------|--------|--------|-------|--------|--------|--------|--------|
|    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
|    |          |       |        |        |       |        |        |        |        |
|    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
|    |          |       |        |        |       |        |        |        |        |
| pp | 5320.000 | 8.58  | 34.46  | 42.20  | 98.22 | 99.06  | 68.20  | 30.86  | peak   |
|    | 5350.020 | 8.63  | 34.48  | 42.17  | 52.47 | 53.41  | 74.00  | -20.59 | peak   |
|    | 5361.780 | 8.65  | 34.49  | 42.16  | 54.02 | 55.00  | 74.00  | -19.00 | peak   |



Report No.: SZEM180700654903

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Test mode: 802.11n(HT20) Frequency(MHz): 5320 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

1 2 3

Mode : 5320 Band edge

: 5G WIFI 11N 20

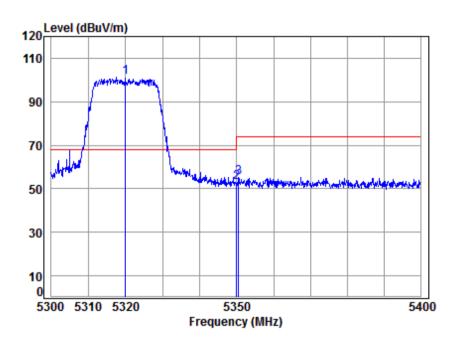
|   | Freq       |      |       | Preamp<br>Factor |       |        |        |       | Remark  |   |
|---|------------|------|-------|------------------|-------|--------|--------|-------|---------|---|
|   | MHz        | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         | _ |
|   | 5320.000   | 8.58 | 34.46 | 42.20            | 90.69 | 91.53  |        |       | Average |   |
|   | 5350.020   | 8.63 | 34.48 | 42.17            | 45.59 | 46.53  | 54.00  | -7.47 | Average |   |
| F | p 5354.769 | 8.64 | 34.49 | 42.16            | 46.04 | 47.01  | 54.00  | -6.99 | Average |   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5320 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

: 06549RG Job No

2

3

Mode : 5320 Band edge

: 5G WIFI 11N 20

: MIMO

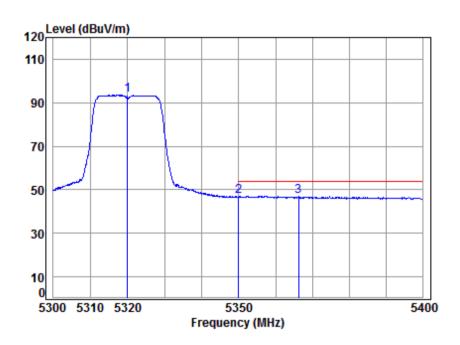
Cable Ant Preamp Limit 0ver Read Loss Factor Factor Level Level Line Limit Remark Frea MHz dB dB/m dB dBuV dBuV/m dBuV/m dB 1 pp 5320.000 8.58 34.46 42.20 100.32 101.16 68.20 32.96 peak 5350.020 8.63 34.48 42.17 51.81 52.75 74.00 -21.25 peak 5350.566 8.63 34.48 42.17 54.46 55.40 74.00 -18.60 peak



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Test mode: 802.11n(HT20) Frequency(MHz): 5320 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5320 Band edge

: 5G WIFI 11N 20

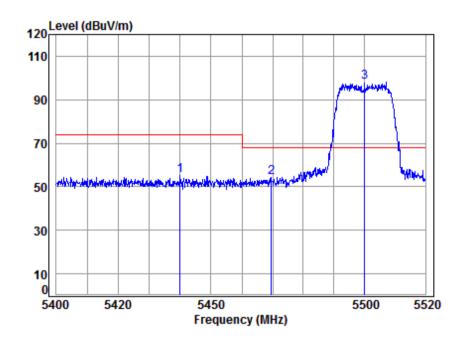
| Freq                             |      |       | Preamp<br>Factor |       |        |        |       |   |
|----------------------------------|------|-------|------------------|-------|--------|--------|-------|---|
| MHz                              | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |   |
| 5320.000<br>5350.020<br>5366.191 | 8.63 | 34.48 | 42.17            | 45.92 | 46.86  | 54.00  | -7.14 | _ |



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Test mode: 802.11n(HT20) Frequency(MHz): 5500 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5500 Band edge

: 5G WIFI 11N 20

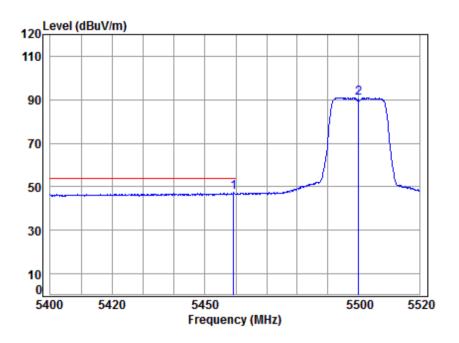
|                | Frea                             |      |       | Preamp<br>Factor |       |       |       |        | Remark |   |
|----------------|----------------------------------|------|-------|------------------|-------|-------|-------|--------|--------|---|
| -              |                                  |      |       | dB               |       |       |       |        |        | - |
| 1<br>2<br>3 pp | 5439.907<br>5469.519<br>5500.000 | 8.81 | 34.58 | 42.06            | 52.78 | 54.11 | 68.20 | -14.09 | peak   |   |



Report No.: SZEM180700654903

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Test mode: 802.11n(HT20) Frequency(MHz): 5500 Average Vertical



Site : chamber

Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5500 Band edge

: 5G WIFI 11N 20

: MIMO

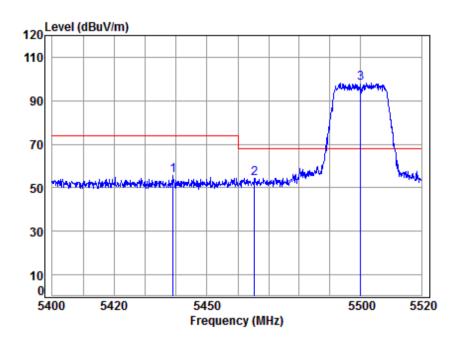
Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark Frea MHz dΒ dB/m dB dBuV dBuV/m dBuV/m dB 1 pp 5459.190 8.79 34.57 42.07 46.03 47.32 54.00 -6.68 Average 5500.000 8.85 34.60 42.03 89.53 90.95 ----- Average



Report No.: SZEM180700654903

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Test mode: 802.11n(HT20) Frequency(MHz): 5500 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5500 Band edge

: 5G WIFI 11N 20

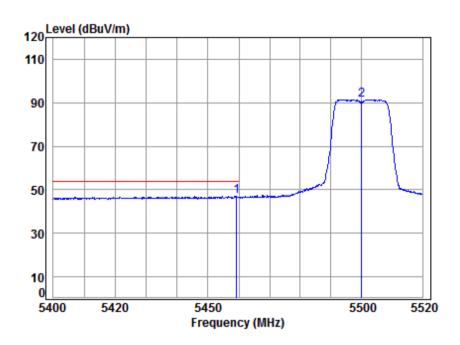
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1    | 5439.070 | 8.76 | 34.55 | 42.09            | 54.43 | 55.65  | 74.00  | -18.35 | peak   |
| 2    | 5465.433 | 8.80 | 34.57 | 42.06            | 53.21 | 54.52  | 68.20  | -13.68 | peak   |
| 3 рр | 5500.000 | 8.85 | 34.60 | 42.03            | 96.88 | 98.30  | 68.20  | 30.10  | peak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5500 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5500 Band edge

: 5G WIFI 11N 20

: MIMO

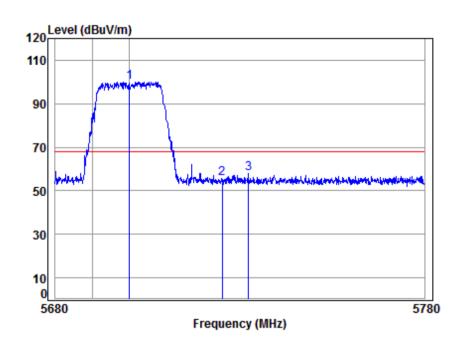
Cable Ant Preamp Read Limit 0ver Loss Factor Factor Level Level Line Limit Remark Frea MHz dΒ dB/m dB dBuV dBuV/m dBuV/m dB 1 pp 5459.311 8.79 34.57 42.07 45.61 46.90 54.00 -7.10 Average 5500.000 8.85 34.60 42.03 89.92 91.34 ----- Average



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Test mode: 802.11n(HT20) Frequency(MHz): 5700 Peak Vertical



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5700 Band edge

: 5G WIFI 11N 20

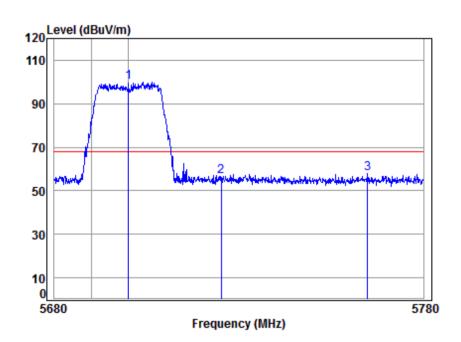
|      |          | _     |        |        |       |        |        |        |        |
|------|----------|-------|--------|--------|-------|--------|--------|--------|--------|
|      |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |
|      | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |
| _    |          |       |        |        |       |        |        |        |        |
|      | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
|      |          |       |        |        |       |        |        |        |        |
| 1 pp | 5700.000 | 9.56  | 34.81  | 41.86  | 97.61 | 100.12 | 68.20  | 31.92  | peak   |
| 2    | 5725.000 | 9.64  | 34.83  | 41.84  | 52.92 | 55.55  | 68.20  | -12.65 | peak   |
| 3    | 5732.083 | 9.67  | 34.84  | 41.83  | 55.22 | 57.90  | 68.20  | -10.30 | neak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5700 Peak Horizontal



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode

: 5700 Band edge

: 5G WIFI 11N 20

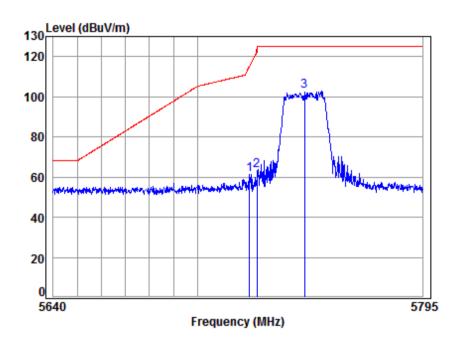
|      |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |   |
|------|----------|-------|--------|--------|-------|--------|--------|--------|--------|---|
|      | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |   |
|      |          |       |        |        |       |        |        |        |        | _ |
|      | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |   |
|      |          |       |        |        |       |        |        |        |        |   |
| 1 pp | 5700.000 | 9.56  | 34.81  | 41.86  | 97.35 | 99.86  | 68.20  | 31.66  | peak   |   |
| 2    | 5725.000 | 9.64  | 34.83  | 41.84  | 53.74 | 56.37  | 68.20  | -11.83 | peak   |   |
|      | 5764.788 |       |        |        |       |        |        |        | •      |   |



Report No.: SZEM180700654903

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Test mode: 802.11n(HT20) Frequency(MHz): 5745 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549CR

1 2 3

Mode : 5745 Band edge

: 5G WIFI 11N 20

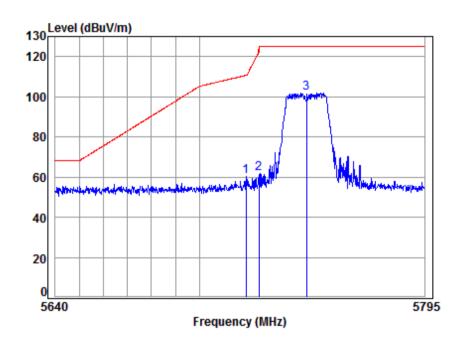
|    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |  |
|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|--|
|    | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |  |
|    | 5721.782 | 9.63 | 34.83 | 41.84            | 58.76 | 61.38  | 114.86 | -53.48 | peak   |  |
|    | 5725.000 | 9.64 | 34.83 | 41.84            | 60.53 | 63.16  | 122.20 | -59.04 | peak   |  |
| pp | 5745.000 | 9.71 | 34.85 | 41.82            | 99.95 | 102.69 | 125.20 | -22.51 | peak   |  |



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Test mode: 802.11n(HT20) Frequency(MHz): 5745 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549CR

Mode : 5745 Band edge

: 5G WIFI 11N 20

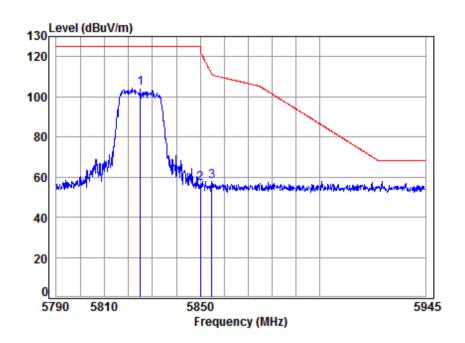
| Freq |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|------|-------|------------------|-------|--------|--------|--------|--------|
| MHz  | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
|      | 9.64 | 34.83 | 41.84            | 59.05 | 61.68  | 122.20 | -60.52 | peak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5825 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549CR Mode : 5825 Bar

1 2 3 : 5825 Band edge

: 5G WIFI 11N 20

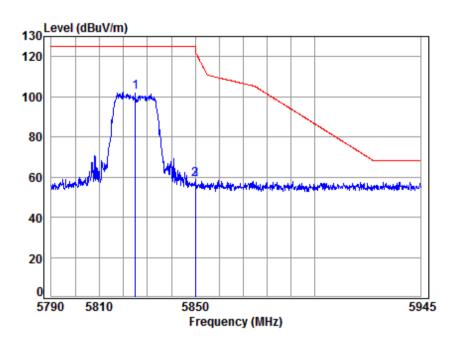
|    |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|----|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|    | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
| _  |          |       |        |        |        |        |        |        |        |
|    | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|    |          |       |        |        |        |        |        |        |        |
| pp | 5825.000 | 9.98  | 34.93  | 41.75  | 101.33 | 104.49 | 125.20 | -20.71 | peak   |
|    | 5850.000 | 10.07 | 34.95  | 41.73  | 53.59  | 56.88  | 122.20 | -65.32 | peak   |
|    | 5854.911 | 10.09 | 34.96  | 41.73  | 54.70  | 58.02  | 111.00 | -52.98 | peak   |



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Test mode: 802.11n(HT20) Frequency(MHz): 5825 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549CR

2 3

Mode : 5825 Band edge

: 5G WIFI 11N 20

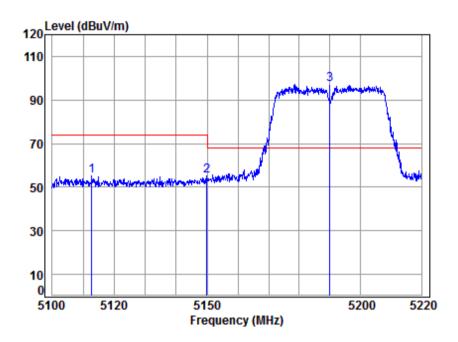
|      | Freq     |       |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
|      | MHz      | dB    | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 pp | 5825.000 | 9.98  | 34.93 | 41.75            | 99.08 | 102.24 | 125.20 | -22.96 | peak   |
| 2    | 5849.963 | 10.07 | 34.95 | 41.73            | 55.31 | 58.60  | 125.20 | -66.60 | peak   |
| 3    | 5850 000 | 10 07 | 34 95 | 41 73            | 55 31 | 58 60  | 122 20 | -63 60 | neak   |



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| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5190 | Peak | Vertical |
|------------|---------------|-----------------|------|------|----------|
|------------|---------------|-----------------|------|------|----------|



Site : chamber Condition: 3m VERTICAL : 06549RG

Mode : 5190 Band edge : 5G WiFi 11N 40 Note

Antenna : MIMO

Job No

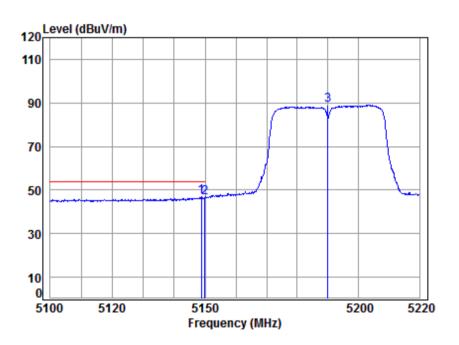
Ant Preamp Read Cable Limit 0ver Freq Loss Factor Factor Level Level Line Limit Remark dBuV dBuV/m dBuV/m MHz dB/m dB dB dB 5112.707 8.27 34.29 42.39 55.02 55.19 74.00 -18.81 peak 1 5149.980 8.33 34.32 42.36 54.87 55.16 74.00 -18.84 peak 3 pp 5190.000 8.39 34.36 42.32 96.94 97.37 68.20 29.17 peak



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| Test mode: 80 | 302.11n(HT40) | Frequency(MHz): | 5190 | Average | Vertical |
|---------------|---------------|-----------------|------|---------|----------|
|---------------|---------------|-----------------|------|---------|----------|



Site : chamber Condition: 3m VERTICAL Job No : 06549RG

Mode : 5190 Band edge Note : 5G WiFi 11N 40

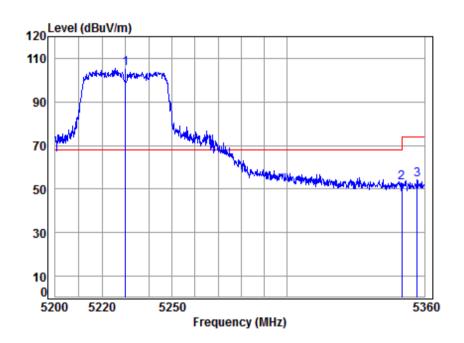
| Freq          |      |       | Preamp<br>Factor |       |        |        |       |         |
|---------------|------|-------|------------------|-------|--------|--------|-------|---------|
| MHz           | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 pp 5148.743 | 8.32 | 34.32 | 42.36            | 46.49 | 46.77  | 54.00  | -7.23 | Average |
| 2 5149.980    | 8.33 | 34.32 | 42.36            | 46.45 | 46.74  | 54.00  | -7.26 | Average |
| 3 5190.000    | 8.39 | 34.36 | 42.32            | 88.63 | 89.06  |        |       | Average |



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| Test mode: 802.11n(HT40)   Frequency(MHz): 5190   Peak   Horizontal | Test mode: | 802.11n(HT40) | Frequency(MHz): | 5190 | Peak | Horizontal |
|---|------------|---------------|-----------------|------|------|------------|
|---|------------|---------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5230 Band edge Note : 5G WiFi 11N 40

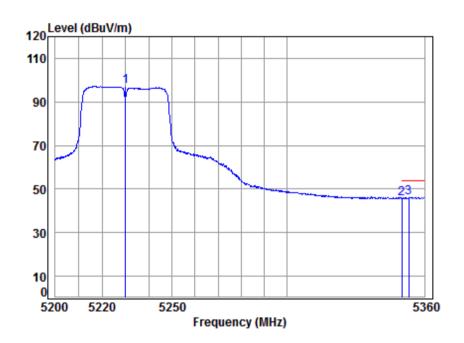
|        | Freq    |      |       |       |        |        | Limit<br>Line |        | Remark |
|--------|---------|------|-------|-------|--------|--------|---------------|--------|--------|
| _      | MHz     | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m        | dB     |        |
| 1 pp 5 | 230.000 | 8.45 | 34.39 | 42.28 | 104.69 | 105.25 | 68.20         | 37.05  | peak   |
| 2 5    | 350.020 | 8.63 | 34.48 | 42.17 | 51.81  | 52.75  | 74.00         | -21.25 | peak   |
| 3 5    | 356.752 | 8.64 | 34.49 | 42.16 | 53.20  | 54.17  | 74.00         | -19.83 | peak   |



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| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5190 | Average | Horizontal |
|------------|---------------|-----------------|------|---------|------------|
|------------|---------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5230 Band edge Note : 5G WiFi 11N 40

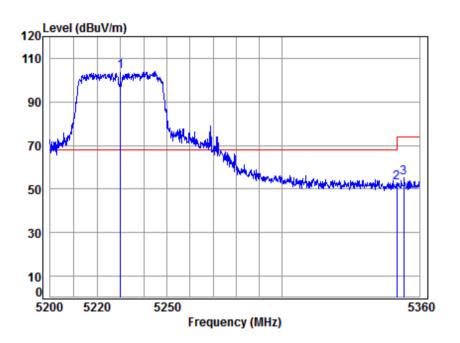
|   | Freq        |      |       | Preamp<br>Factor |       |        |        |       | Remark  |   |
|---|-------------|------|-------|------------------|-------|--------|--------|-------|---------|---|
|   | MHz         | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         | - |
| 1 | 5230.000    | 8.45 | 34.39 | 42.28            | 96.64 | 97.20  |        |       | Average |   |
| 2 | 5350.020    | 8.63 | 34.48 | 42.17            | 44.89 | 45.83  | 54.00  | -8.17 | Average |   |
| 3 | pp 5353.182 | 8.63 | 34.49 | 42.17            | 45.15 | 46.10  | 54.00  | -7.90 | Average |   |



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Test mode: 802.11n(HT40) Frequency(MHz): 5230 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5230 Band edge Note : 5G WiFi 11N 40

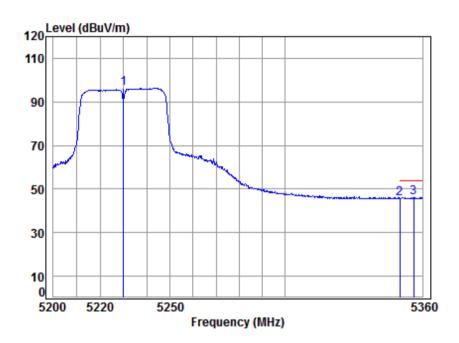
|      | Freq     |      |       |       |        | Level  |        |        | Remark |
|------|----------|------|-------|-------|--------|--------|--------|--------|--------|
| -    | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| 1 pp | 5230.000 | 8.45 | 34.39 | 42.28 | 103.42 | 103.98 | 68.20  | 35.78  | peak   |
| 2    | 5350.020 | 8.63 | 34.48 | 42.17 | 51.82  | 52.76  | 74.00  | -21.24 | peak   |
| 3    | 5353.182 | 8.63 | 34.49 | 42.17 | 54.08  | 55.03  | 74.00  | -18.97 | peak   |



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Test mode: 802.11n(HT40) Frequency(MHz): 5230 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5230 Band edge Note : 5G WiFi 11N 40

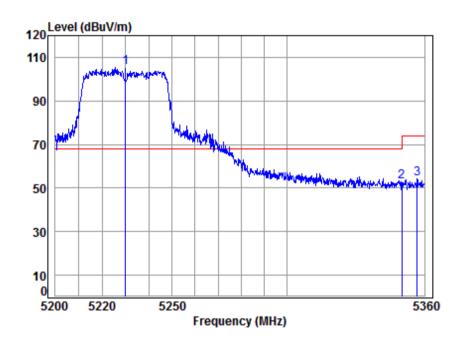
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|---|----|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|   |    | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 |    | 5230.000 | 8.45 | 34.39 | 42.28            | 95.80 | 96.36  |        |       | Average |
| 2 |    | 5350.020 | 8.63 | 34.48 | 42.17            | 44.82 | 45.76  | 54.00  | -8.24 | Average |
| 3 | pp | 5356.103 | 8.64 | 34.49 | 42.16            | 45.08 | 46.05  | 54.00  | -7.95 | Average |



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| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5230 | Peak | Horizontal |
|------------|---------------|-----------------|------|------|------------|
|------------|---------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5230 Band edge Note : 5G WiFi 11N 40

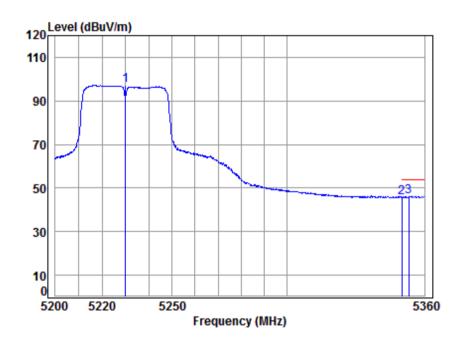
|      | Freq     |      |       |       |        | Level  |        |        | Remark |
|------|----------|------|-------|-------|--------|--------|--------|--------|--------|
|      | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| 1 pp | 5230.000 | 8.45 | 34.39 | 42.28 | 104.69 | 105.25 | 68.20  | 37.05  | peak   |
| 2    | 5350.020 | 8.63 | 34.48 | 42.17 | 51.81  | 52.75  | 74.00  | -21.25 | peak   |
| 3    | 5356.752 | 8.64 | 34.49 | 42.16 | 53.20  | 54.17  | 74.00  | -19.83 | peak   |



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| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5230 | Average | Horizontal |
|------------|---------------|-----------------|------|---------|------------|
|------------|---------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5230 Band edge Note : 5G WiFi 11N 40

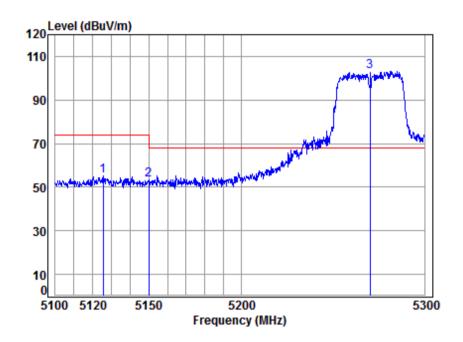
|   | Freq        |      |       | Preamp<br>Factor |       |        |        |       | Remark  |   |
|---|-------------|------|-------|------------------|-------|--------|--------|-------|---------|---|
|   | MHz         | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         | - |
| 1 | 5230.000    | 8.45 | 34.39 | 42.28            | 96.64 | 97.20  |        |       | Average |   |
| 2 | 5350.020    | 8.63 | 34.48 | 42.17            | 44.89 | 45.83  | 54.00  | -8.17 | Average |   |
| 3 | pp 5353.182 | 8.63 | 34.49 | 42.17            | 45.15 | 46.10  | 54.00  | -7.90 | Average |   |



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| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5270 | Peak | Vertical |
|------------|---------------|-----------------|------|------|----------|
|------------|---------------|-----------------|------|------|----------|



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5270 Band edge

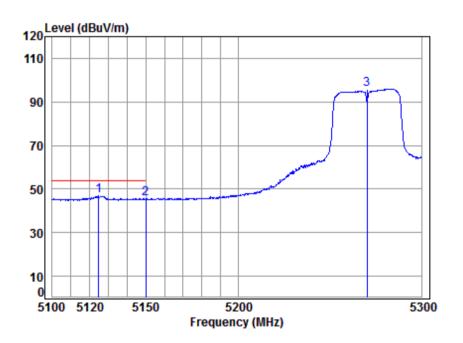
: 5G WIFI 11N 40

|   |    | Freq     |      |       |       |        | Level  |        |        | Remark |
|---|----|----------|------|-------|-------|--------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5125.567 | 8.29 | 34.30 | 42.38 | 55.00  | 55.21  | 74.00  | -18.79 | peak   |
| 2 |    | 5149.980 | 8.33 | 34.32 | 42.36 | 53.00  | 53.29  | 74.00  | -20.71 | peak   |
| 3 | pp | 5270.000 | 8.51 | 34.42 | 42.24 | 102.44 | 103.13 | 68.20  | 34.93  | peak   |



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Site : chamber Condition: 3m VERTICAL Job No : 06549RG

Mode : 5270 Bar

: 5270 Band edge

: 5G WIFI 11N 40

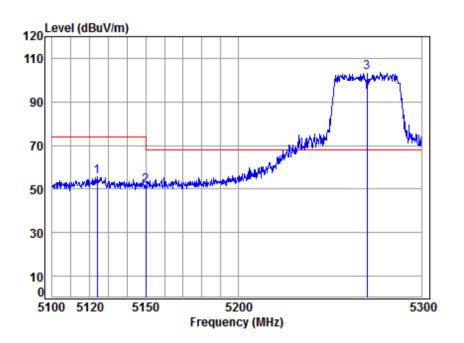
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|------|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 pp | 5124.778 | 8.29 | 34.30 | 42.38            | 46.69 | 46.90  | 54.00  | -7.10 | Average |
| 2    | 5149.980 | 8.33 | 34.32 | 42.36            | 45.11 | 45.40  | 54.00  | -8.60 | Average |
| 3    | 5270.000 | 8.51 | 34.42 | 42.24            | 95.30 | 95.99  |        |       | Average |



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| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5270 | Peak | Horizontal |
|------------|---------------|-----------------|------|------|------------|
|------------|---------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5270 Band edge

: 5G WIFI 11N 40

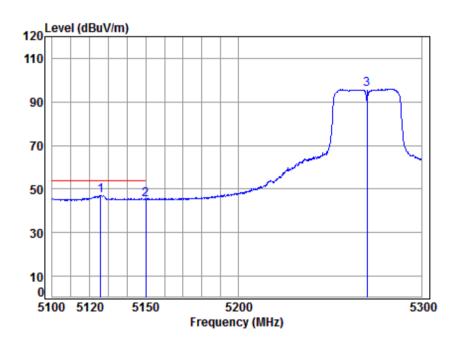
|   |    | Freq     |      |       |       |        | Level  |        |        | Remark |
|---|----|----------|------|-------|-------|--------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5123.990 | 8.29 | 34.30 | 42.38 | 55.38  | 55.59  | 74.00  | -18.41 | peak   |
| 2 |    | 5149.980 | 8.33 | 34.32 | 42.36 | 51.48  | 51.77  | 74.00  | -22.23 | peak   |
| 3 | pp | 5270.000 | 8.51 | 34.42 | 42.24 | 102.69 | 103.38 | 68.20  | 35.18  | peak   |



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| Test mode: 802.11r | n(HT40) Frequency(MHz | z): 5270 Aver | age Horizontal |
|--------------------|-----------------------|---------------|----------------|
|--------------------|-----------------------|---------------|----------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5270 Band edge

: 5G WIFI 11N 40

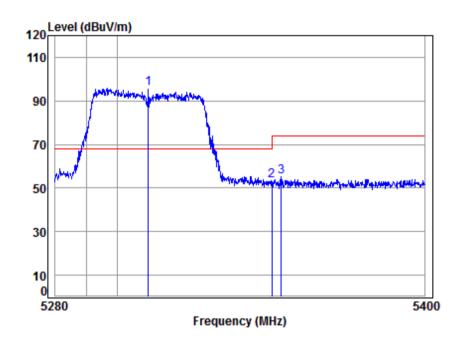
| Freq          |      |       | Preamp<br>Factor |       |        |        |       |         |
|---------------|------|-------|------------------|-------|--------|--------|-------|---------|
| MHz           | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 pp 5125.764 | 8.29 | 34.30 | 42.38            | 46.74 | 46.95  | 54.00  | -7.05 | Average |
| 2 5149.980    | 8.33 | 34.32 | 42.36            | 45.02 | 45.31  | 54.00  | -8.69 | Average |
| 3 5270.000    | 8.51 | 34.42 | 42.24            | 95.18 | 95.87  |        |       | Average |



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Test mode: 802.11n(HT40) Frequency(MHz): 5310 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5310 Band edge

: 5G WIFI 11N 40

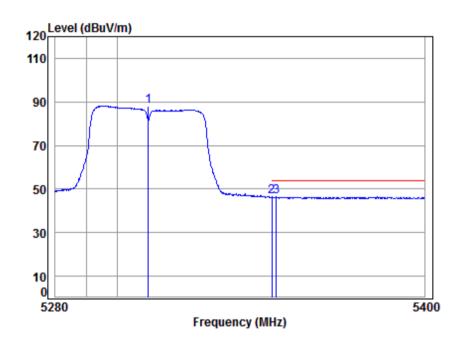
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|------|-------|------------------|-------|--------|--------|--------|--------|
| _    | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 pp | 5310.000 | 8.57 | 34.45 | 42.21            | 94.80 | 95.61  | 68.20  | 27.41  | peak   |
| 2    | 5350.020 | 8.63 | 34.48 | 42.17            | 52.46 | 53.40  | 74.00  | -20.60 | peak   |
| 3    | 5353.120 | 8.63 | 34.49 | 42.17            | 54.43 | 55.38  | 74.00  | -18.62 | peak   |



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Test mode: 802.11n(HT40) Frequency(MHz): 5310 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5310 Band edge

: 5G WIFI 11N 40

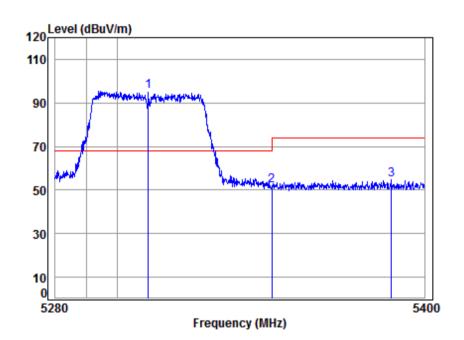
|   |      | · PITTER | ,     |        |        |       |        |        |       |         |   |
|---|------|----------|-------|--------|--------|-------|--------|--------|-------|---------|---|
|   |      |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver  |         |   |
|   |      | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit | Remark  |   |
|   | _    |          |       |        |        |       |        |        |       |         | _ |
|   |      | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |   |
|   |      |          |       |        |        |       |        |        |       |         |   |
| 1 | 5    | 5310.000 | 8.57  | 34.45  | 42.21  | 87.42 | 88.23  |        |       | Average |   |
| 2 | 5    | 5350.020 | 8.63  | 34.48  | 42.17  | 45.45 | 46.39  | 54.00  | -7.61 | Average |   |
| 3 | pp 5 | 5351.556 | 8.63  | 34.49  | 42.17  | 45.48 | 46.43  | 54.00  | -7.57 | Average |   |



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| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5310 | Peak | Horizontal |
|------------|---------------|-----------------|------|------|------------|
|------------|---------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5310 Band edge

: 5G WIFI 11N 40

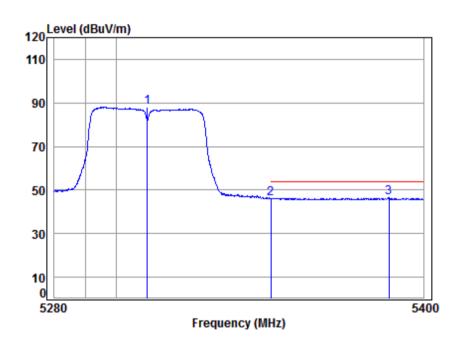
|               | _    |       |                  |       |        |        |        |        |
|---------------|------|-------|------------------|-------|--------|--------|--------|--------|
| Freq          |      |       | Preamp<br>Factor |       |        |        |        | Remark |
| MHz           | dB   | dB/m  | ——dB             | dBuV  | dBuV/m | dBuV/m | ——dB   |        |
| 1 pp 5310.000 | 8.57 | 34.45 | 42.21            | 94.36 | 95.17  | 68.20  | 26.97  | peak   |
| 2 5350.020    | 8.63 | 34.48 | 42.17            | 51.10 | 52.04  | 74.00  | -21.96 | peak   |
| 3 5389.089    | 8.69 | 34.51 | 42.13            | 53.59 | 54.66  | 74.00  | -19.34 | peak   |



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Test mode: 802.11n(HT40) Frequency(MHz): 5310 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

1

Mode : 5310 Band edge

: 5G WIFI 11N 40

: MIMO

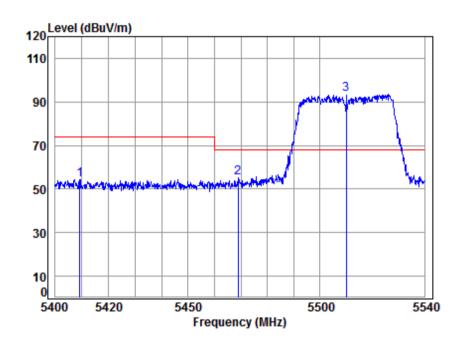
Limit Cable Ant Preamp Read Over Loss Factor Factor Level Level Line Limit Remark Freq MHz dΒ dB/m dB dBuV dBuV/m dBuV/m dB 5310.000 34.45 42.21 87.22 88.03 ----- Average 8.57 34.48 42.17 45.36 46.30 54.00 -7.70 Average 5350.020 8.63 3 pp 5388.605 8.69 34.51 42.13 45.33 46.40 54.00 -7.60 Average



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Test mode: 802.11n(HT40) Frequency(MHz): 5510 Peak Vertical



Site : chamber

Condition: 3m HORIZONTAL

: 06549RG Job No

Mode : 5510 Band edge

: 5G WIFI 11N 40

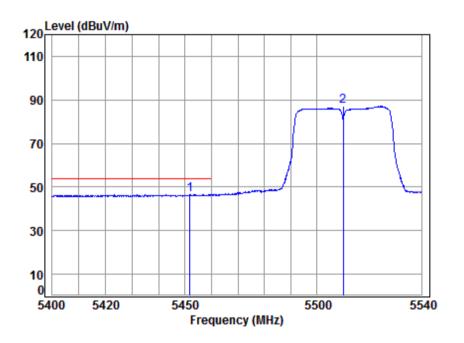
|                | Freq                             |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|----------------|----------------------------------|------|-------|------------------|-------|--------|--------|--------|--------|
|                | MHz                              | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1<br>2<br>3 pp | 5409.269<br>5468.852<br>5510.000 | 8.80 | 34.58 | 42.06            | 53.75 | 55.07  | 68.20  | -13.13 | peak   |



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Test mode: 802.11n(HT40) Frequency(MHz): 5510 Average Vertical



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5510 Band edge

: 5G WIFI 11N 40

: MIMO

Cable Ant Preamp Read Limit Over
Freq Loss Factor Factor Level Level Line Limit Remark

MHz dB dB/m dB dBuV dBuV/m dBuV/m dB

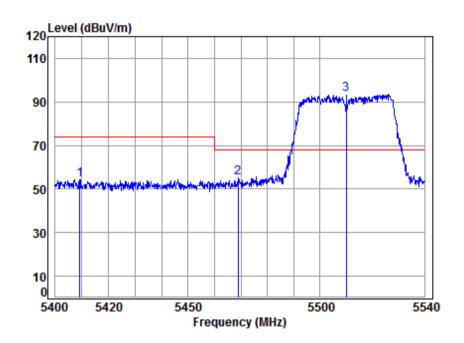
1 pp 5451.801 8.78 34.56 42.08 45.36 46.62 54.00 -7.38 Average
2 5510.000 8.89 34.61 42.02 85.45 86.93 ----- Average



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| Test mode: 802.11n(HT40)   Frequency(MHz): 5510   Peak | Horizontal |
|--|------------|
|--|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5510 Band edge

: 5G WIFI 11N 40

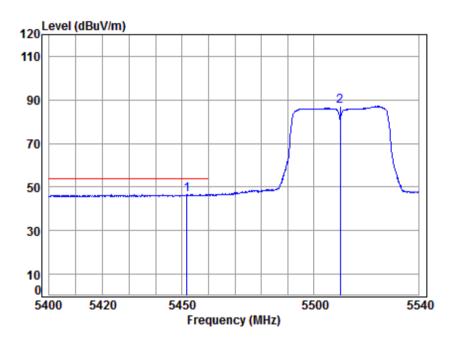
|   |   | Freq                 |    |      | Preamp<br>Factor |      |        |        |    | Remark |
|---|---|----------------------|----|------|------------------|------|--------|--------|----|--------|
|   | - | MHz                  | dB | dB/m | dB               | dBuV | dBuV/m | dBuV/m | dB |        |
| _ |   | 5409.269             |    |      |                  |      |        |        |    | •      |
|   |   | 5468.852<br>5510.000 |    |      |                  |      |        |        |    | •      |



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Test mode: 802.11n(HT40) Frequency(MHz): 5510 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5510 Band edge

: 5G WIFI 11N 40

: MIMO

Cable Ant Preamp Read Limit Over
Loss Factor Factor Level Level Line Limit Remark

MHz dB dB/m dB dBuV dBuV/m dBuV/m dB

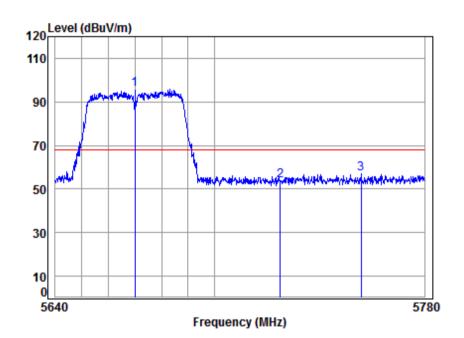
1 pp 5451.801 8.78 34.56 42.08 45.36 46.62 54.00 -7.38 Average
2 5510.000 8.89 34.61 42.02 85.45 86.93 ----- Average



Report No.: SZEM180700654903

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Test mode: 802.11n(HT40) Frequency(MHz): 5670 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

1 2 3

Mode : 5670 Band edge

: 5G WIFI 11N 40

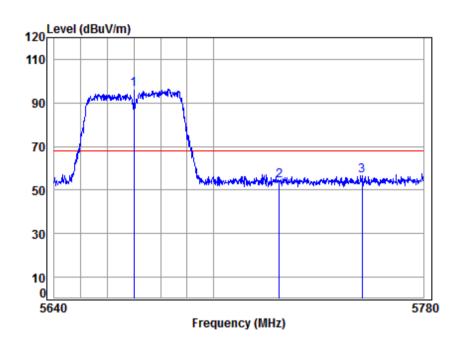
|    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
| -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| рр | 5670.000 | 9.45 | 34.77 | 41.88            | 93.30 | 95.64  | 68.20  | 27.44  | peak   |
|    | 5725.000 | 9.64 | 34.83 | 41.84            | 51.20 | 53.83  | 68.20  | -14.37 | peak   |
|    | 5755.675 | 9.75 | 34.86 | 41.81            | 54.41 | 57.21  | 68.20  | -10.99 | peak   |



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Test mode: 802.11n(HT40) Frequency(MHz): 5670 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

: 06549RG Job No

2 3

Mode : 5670 Band edge

: 5G WIFI 11N 40

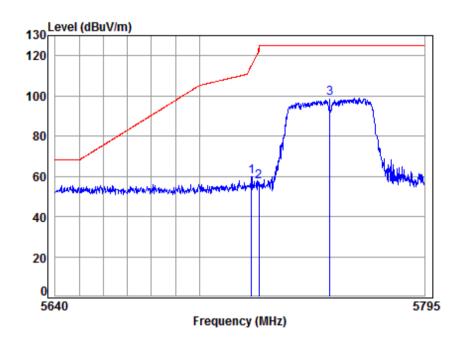
|      |          | _     |        |        |       |        |        |        |        |   |
|------|----------|-------|--------|--------|-------|--------|--------|--------|--------|---|
|      |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |   |
|      | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |   |
| _    |          |       |        |        |       |        |        |        |        | _ |
|      | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |   |
|      |          |       |        |        |       |        |        |        |        |   |
| 1 pp | 5670.000 | 9.45  | 34.77  | 41.88  | 93.87 | 96.21  | 68.20  | 28.01  | peak   |   |
| 2    | 5725.000 | 9.64  | 34.83  | 41.84  | 51.68 | 54.31  | 68.20  | -13.89 | peak   |   |
| 3    | 5756 522 | 9 75  | 34 86  | 41 81  | 53 78 | 56 58  | 68 20  | -11 62 | neak   |   |



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Test mode: 802.11n(HT40) Frequency(MHz): 5755 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549CR

Mode : 5755 Band edge

: 5G WIFI 11N 40

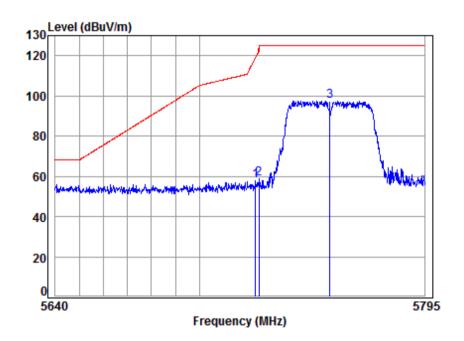
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5721.937 | 9.63 | 34.83 | 41.84            | 57.39 | 60.01  | 115.22 | -55.21 | peak   |
| 2 |    | 5725.000 | 9.64 | 34.83 | 41.84            | 54.68 | 57.31  | 122.20 | -64.89 | peak   |
| 3 | pp | 5755.000 | 9.75 | 34.86 | 41.81            | 96.28 | 99.08  | 125.20 | -26.12 | peak   |



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| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5755 | Peak | Horizontal |
|------------|---------------|-----------------|------|------|------------|
|------------|---------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549CR

Mode : 5755 Band edge

: 5G WIFI 11N 40

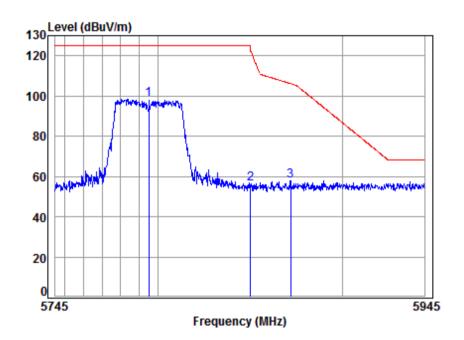
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |  |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|--|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |  |
| 1 |    | 5723.488 | 9.64 | 34.83 | 41.84            | 55.15 | 57.78  | 118.75 | -60.97 | peak   |  |
| 2 |    | 5725.000 | 9.64 | 34.83 | 41.84            | 56.00 | 58.63  | 122.20 | -63.57 | peak   |  |
| 3 | pp | 5755.000 | 9.75 | 34.86 | 41.81            | 94.65 | 97.45  | 125.20 | -27.75 | peak   |  |



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| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5795 | Peak | Vertical |
|------------|---------------|-----------------|------|------|----------|
|------------|---------------|-----------------|------|------|----------|



Site : chamber Condition: 3m VERTICAL

Job No : 06549CR

Mode : 5795 Band edge

: 5G WIFI 11N 40

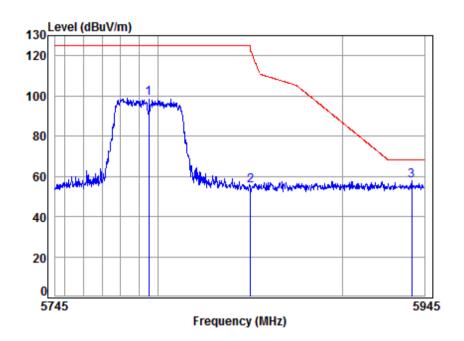
|      | Freq     |       |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
|      | MHz      | dB    | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 pp | 5795.000 | 9.88  | 34.90 | 41.78            | 95.55 | 98.55  | 125.20 | -26.65 | peak   |
| 2    | 5850.000 | 10.07 | 34.95 | 41.73            | 53.12 | 56.41  | 122.20 | -65.79 | peak   |
| 3    | 5871.809 | 10.14 | 34.98 | 41.71            | 54.65 | 58.06  | 106.09 | -48.03 | peak   |



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| Test mode: | 802.11n(HT40) | Frequency(MHz): | 5795 | Peak | Horizontal |
|------------|---------------|-----------------|------|------|------------|
|------------|---------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549CR

Mode : 5795 Band edge

: 5G WIFI 11N 40

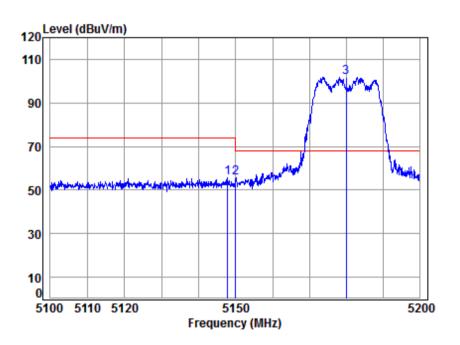
|   |    |          | _     |       |                  |       |        |        |        |        |
|---|----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
|   |    | Freq     |       |       | Preamp<br>Factor |       |        |        |        | Remark |
|   | -  | MHz      | dB    | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5795.000 | 9.88  | 34.90 | 41.78            | 95.63 | 98.63  | 125.20 | -26.57 | peak   |
| 2 |    | 5850.000 | 10.07 | 34.95 | 41.73            | 52.11 | 55.40  | 122.20 | -66.80 | peak   |
| 3 | pp | 5937.884 | 10.36 | 35.04 | 41.66            | 54.04 | 57.78  | 68.20  | -10.42 | peak   |



Report No.: SZEM180700654903

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| Test mode: | 802.11ac(HT20)_MIMO | Frequency(MHz): | 5180 | Peak | Vertical |
|------------|---------------------|-----------------|------|------|----------|
|------------|---------------------|-----------------|------|------|----------|



Site : chamber Condition: 3m VERTICAL Job No : 06549RG

Mode : 5180 Band edge Note : 5G WiFi 11AC 20

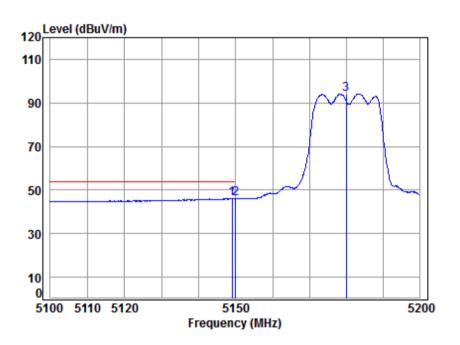
|   |    | Freq     |      |       |       |        | Level  |        |        | Remark |
|---|----|----------|------|-------|-------|--------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5147.857 | 8.32 | 34.32 | 42.36 | 55.24  | 55.52  | 74.00  | -18.48 | peak   |
| 2 |    | 5149.980 | 8.33 | 34.32 | 42.36 | 55.17  | 55.46  | 74.00  | -18.54 | peak   |
| 3 | pp | 5180.000 | 8.37 | 34.35 | 42.33 | 101.27 | 101.66 | 68.20  | 33.46  | peak   |



Report No.: SZEM180700654903

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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5180 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5180 Band edge Note : 5G WiFi 11AC 20

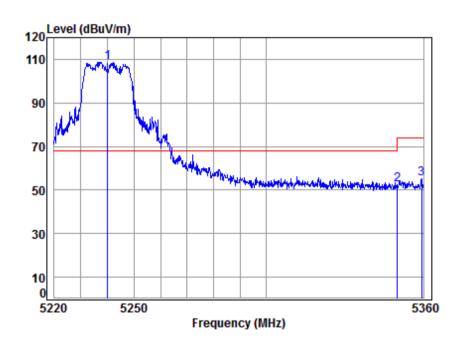
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |  |
|---|----|----------|------|-------|------------------|-------|--------|--------|-------|---------|--|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | ——dB  |         |  |
| 1 |    | 5148.958 | 8.32 | 34.32 | 42.36            | 45.76 | 46.04  | 54.00  | -7.96 | Average |  |
| 2 | pp | 5149.980 | 8.33 | 34.32 | 42.36            | 45.87 | 46.16  | 54.00  | -7.84 | Average |  |
| 3 |    | 5180.000 | 8.37 | 34.35 | 42.33            | 93.75 | 94.14  |        |       | Average |  |



Report No.: SZEM180700654903

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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5180 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11AC 20

Antenna : MIMO

1 2 3

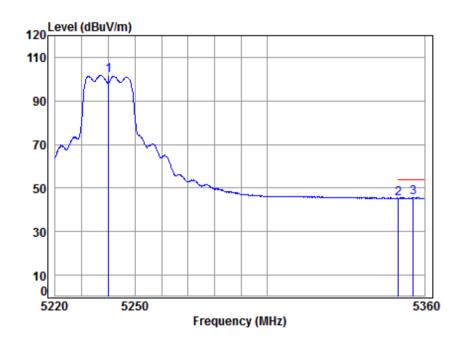
|    |          | _    |        |        |        |          |          |        |        |
|----|----------|------|--------|--------|--------|----------|----------|--------|--------|
|    | _        |      |        |        |        |          | Limit    |        |        |
|    | Freq     | Loss | Factor | Factor | Level  | Level    | Line     | Limit  | Kemark |
| -  | MHz      |      |        |        |        | dBuV/m   | dBuV/m   | dB     |        |
|    | PHIZ     | ub   | ub/III | ub     | ubuv   | ubuv/III | ubuv/III | ub     |        |
| рр | 5240.000 | 8.46 | 34.40  | 42.27  | 108.22 | 108.81   | 68.20    | 40.61  | peak   |
|    | 5350.020 | 8.63 | 34.48  | 42.17  | 51.51  | 52.45    | 74.00    | -21.55 | peak   |
|    | 5359.291 | 8.64 | 34.49  | 42.16  | 54.06  | 55.03    | 74.00    | -18.97 | peak   |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5180 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11AC 20

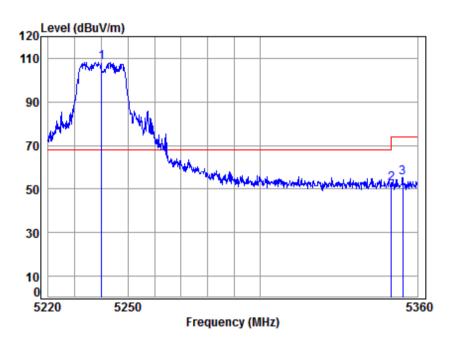
|               | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver  |         |
|---------------|-------|--------|--------|--------|--------|--------|-------|---------|
| Freq          | Loss  | Factor | Factor | Level  | Level  | Line   | Limit | Remark  |
|               |       |        |        |        |        |        |       |         |
| MHz           | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB    |         |
|               |       |        |        |        |        |        |       |         |
| 1 5240.000    | 8.46  | 34.40  | 42.27  | 101.14 | 101.73 |        |       | Average |
| 2 5350.020    | 8.63  | 34.48  | 42.17  | 44.39  | 45.33  | 54.00  | -8.67 | Average |
| 3 pp 5355.746 | 8.64  | 34.49  | 42.16  | 44.57  | 45.54  | 54.00  | -8.46 | Average |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5240 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11AC 20

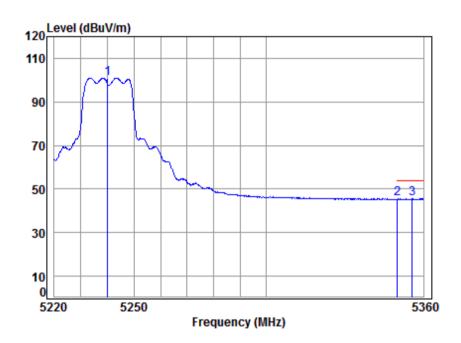
|               | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|---------------|-------|--------|--------|--------|--------|--------|--------|--------|
| Fre           | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
|               |       |        |        |        |        |        |        |        |
| MH:           | z dB  | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|               |       |        |        |        |        |        |        |        |
| 1 pp 5240.000 | 8.46  | 34.40  | 42.27  | 107.77 | 108.36 | 68.20  | 40.16  | peak   |
| 2 5350.020    | 8.63  | 34.48  | 42.17  | 51.51  | 52.45  | 74.00  | -21.55 | peak   |
| 3 5354.329    | 8.64  | 34.49  | 42.16  | 54.41  | 55.38  | 74.00  | -18.62 | peak   |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5240 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11AC 20

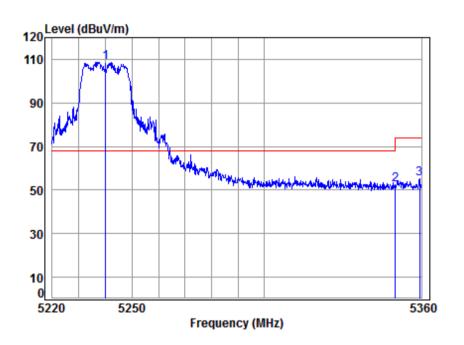
|   |    | Freq     |      |       |       |        | Level  |        |       | Remark  |
|---|----|----------|------|-------|-------|--------|--------|--------|-------|---------|
|   | -  | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m | dB    |         |
| 1 |    | 5240.000 | 8.46 | 34.40 | 42.27 | 100.33 | 100.92 |        |       | Average |
| 2 |    | 5350.020 | 8.63 | 34.48 | 42.17 | 44.58  | 45.52  | 54.00  | -8.48 | Average |
| 3 | pp | 5355.746 | 8.64 | 34.49 | 42.16 | 44.63  | 45.60  | 54.00  | -8.40 | Average |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5240 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11AC 20

Antenna : MIMO

1 2 3

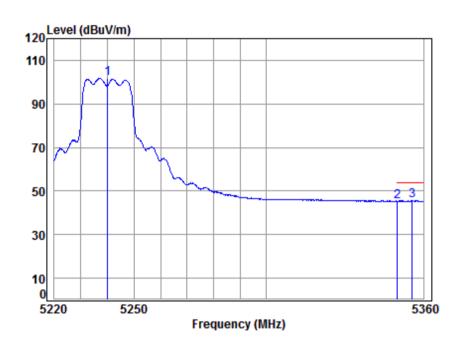
|    | Freq     |      | Ant<br>Factor |       |        |        |        |        | Remark |
|----|----------|------|---------------|-------|--------|--------|--------|--------|--------|
| -  | MHz      | dB   | dB/m          | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| рр | 5240.000 | 8.46 | 34.40         | 42.27 | 108.22 | 108.81 | 68.20  | 40.61  | peak   |
|    | 5350.020 | 8.63 | 34.48         | 42.17 | 51.51  | 52.45  | 74.00  | -21.55 | peak   |
|    | 5359.291 | 8.64 | 34.49         | 42.16 | 54.06  | 55.03  | 74.00  | -18.97 | peak   |



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Test mode: 802.11ac(HT20)\_MIMO | Frequency(MHz): 5240 | Average | Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5240 Band edge Note : 5G WiFi 11AC 20

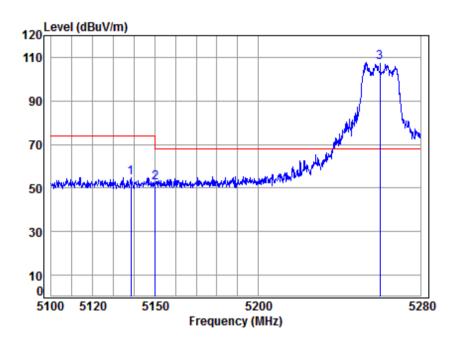
|   |    | Freq     |      | Ant<br>Factor |       |        |        |        |       | Remark  |
|---|----|----------|------|---------------|-------|--------|--------|--------|-------|---------|
|   | -  | MHz      | dB   | dB/m          | dB    | dBuV   | dBuV/m | dBuV/m | dB    |         |
| 1 |    | 5240.000 | 8.46 | 34.40         | 42.27 | 101.14 | 101.73 |        |       | Average |
| 2 |    | 5350.020 | 8.63 | 34.48         | 42.17 | 44.39  | 45.33  | 54.00  | -8.67 | Average |
| 3 | pp | 5355.746 | 8.64 | 34.49         | 42.16 | 44.57  | 45.54  | 54.00  | -8.46 | Average |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5260 Peak Vertical



Site : chamber Condition: 3m VERTICAL

: 06549RG Job No

Mode : 5260 Band edge

: 5G WIFI 11AC 20

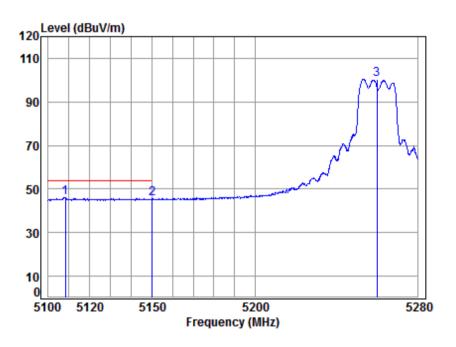
| Cable    | Ant Preamp           | Read   |  | Limit   | 0ver  |  |
|----------|----------------------|--|--|---|---|--|
| Loss Fac | tor Factor           | Level  | Level  | Line  | Limit   | Remark   |
|          |                      |  |  |   |   |  |
| dB d     | B/m dB               | dBuV   | dBuV/m   | dBuV/m  | dB  |  |
|          |                      |  |  |   |   |  |
| 8.31 34  | .31 42.37            | 54.49  | 54.74  | 74.00   | -19.26  | peak   |
| 8.33 34  | .32 42.36            | 52.27  | 52.56  | 74.00   | -21.44  | peak   |
| 8.49 34  | .41 42.25            | 106.98   | 107.63   | 68.20   | 39.43   | peak   |
|          | dB d 8.31 34 8.33 34 | dB dB/m dB<br>8.31 34.31 42.37<br>8.33 34.32 42.36 | Loss Factor Factor Level  dB dB/m dB dBuV  8.31 34.31 42.37 54.49 8.33 34.32 42.36 52.27 | Loss Factor Factor         Level         Level           dB         dB/m         dB         dBuV         dBuV/m           8.31         34.31         42.37         54.49         54.74           8.33         34.32         42.36         52.27         52.56 | Loss Factor Factor         Level         Level         Line           dB         dB/m         dB         dBuV         dBuV/m         dBuV/m           8.31         34.31         42.37         54.49         54.74         74.00           8.33         34.32         42.36         52.27         52.56         74.00 | Cable Ant Preamp Read Limit Over Loss Factor Factor Level Level Line Limit    AB |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5260 Average Vertical



Site : chamber Condition: 3m VERTICAL

: 06549RG Job No

Mode : 5260 Band edge

: 5G WIFI 11AC 20

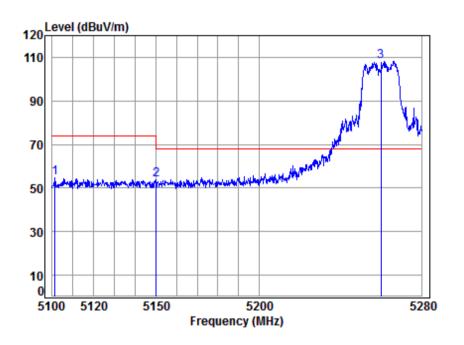
| ! |
|---|
| ! |
| 2 |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5260 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5260 Band edge

: 5G WIFI 11AC 20

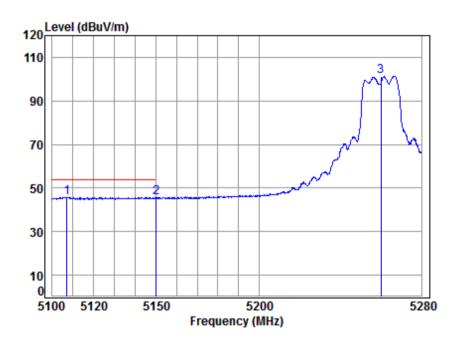
|                | Freq                             |      |       |       |       | Level  |       |        | Remark |
|----------------|----------------------------------|------|-------|-------|-------|--------|-------|--------|--------|
|                |                                  |      |       |       |       | dBuV/m |       | ——dB   |        |
| 1<br>2<br>3 pp | 5101.416<br>5149.980<br>5260.000 | 8.33 | 34.32 | 42.36 | 53.41 | 53.70  | 74.00 | -20.30 | peak   |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5260 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

: 06549RG Job No

Mode : 5260 Band edge

: 5G WIFI 11AC 20

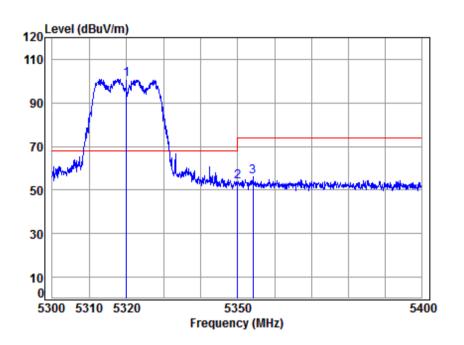
|        | Freq     |      |       |       |        | Level  |        |       | Remark  |
|--------|----------|------|-------|-------|--------|--------|--------|-------|---------|
| _      | MHz      | dB   | dB/m  | dB    | dBuV   | dBuV/m | dBuV/m | dB    |         |
| 1 pp 5 | 5107.081 | 8.26 | 34.29 | 42.40 | 45.68  | 45.83  | 54.00  | -8.17 | Average |
| 2 5    | 5149.980 | 8.33 | 34.32 | 42.36 | 45.28  | 45.57  | 54.00  | -8.43 | Average |
| 3 5    | 5260.000 | 8.49 | 34.41 | 42.25 | 100.80 | 101.45 |        |       | Average |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5320 Peak Vertical



Site : chamber Condition: 3m VERTICAL

: 06549RG Job No

2 3

: 5320 Band edge Mode

: 5G WIFI 11AC 20

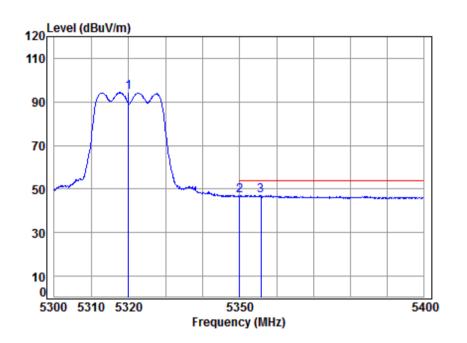
|      |          | _     |        |        |        |        |        |        |        |  |
|------|----------|-------|--------|--------|--------|--------|--------|--------|--------|--|
|      |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |  |
|      | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |  |
| _    |          |       |        |        |        |        |        |        |        |  |
|      | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |  |
|      |          |       |        |        |        |        |        |        |        |  |
| 1 pp | 5320.000 | 8.58  | 34.46  | 42.20  | 100.20 | 101.04 | 68.20  | 32.84  | peak   |  |
| 2    | 5350.020 | 8.63  | 34.48  | 42.17  | 52.71  | 53.65  | 74.00  | -20.35 | peak   |  |
| 3    | 5354.068 | 8.64  | 34.49  | 42.17  | 55.02  | 55.98  | 74.00  | -18.02 | neak   |  |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5320 Average Vertical



Site : chamber

Condition: 3m VERTICAL

Job No : 06549RG

1

Mode : 5320 Band edge

: 5G WIFI 11AC 20

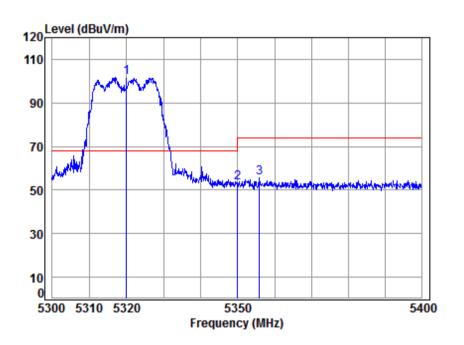
|    | Fred     |      |          | Preamp<br>Factor |       |        |        |       | Remark   |   |
|----|----------|------|----------|------------------|-------|--------|--------|-------|----------|---|
|    | 11 64    | 2033 | i ac coi | i ac coi         | LCVCI | Level  | LINC   | LIMIT | Reliai K |   |
| -  |          |      |          |                  |       |        |        |       |          | _ |
|    | MHz      | dB   | dB/m     | dB               | dBuV  | dBuV/m | dBuV/m | dB    |          |   |
|    |          |      |          |                  |       |        |        |       |          |   |
|    | 5320.000 | 8.58 | 34.46    | 42.20            | 93.49 | 94.33  |        |       | Average  |   |
|    | 5350.020 |      |          |                  |       |        |        |       | Average  |   |
| pp | 5355.770 |      |          |                  |       |        |        |       | Average  |   |
|    |          |      |          |                  |       |        |        |       |          |   |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5320 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

: 06549RG Job No

2 3

Mode : 5320 Band edge

: 5G WIFI 11AC 20

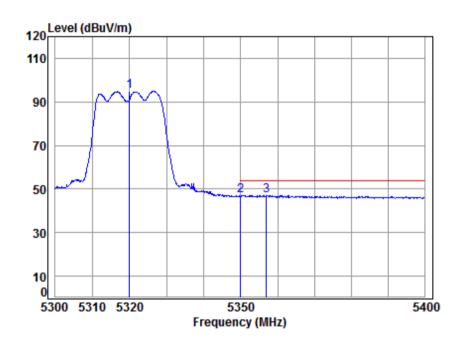
|      |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |   |
|------|----------|-------|--------|--------|--------|--------|--------|--------|--------|---|
|      | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |   |
| _    |          |       |        |        |        |        |        |        |        | _ |
|      | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |   |
|      |          |       |        |        |        |        |        |        |        |   |
| 1 pp | 5320.000 | 8.58  | 34.46  | 42.20  | 100.80 | 101.64 | 68.20  | 33.44  | peak   |   |
| 2    | 5350.020 | 8.63  | 34.48  | 42.17  | 52.33  | 53.27  | 74.00  | -20.73 | peak   |   |
| 3    | 5355.870 | 8.64  | 34.49  | 42.16  | 54.59  | 55.56  | 74.00  | -18.44 | neak   |   |



Report No.: SZEM180700654903

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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5320 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5320 Band edge

: 5G WIFI 11AC 20

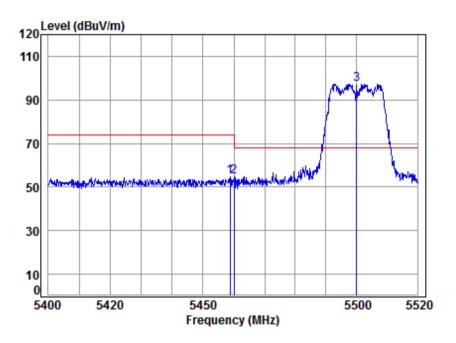
|     | Freq       |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|-----|------------|------|-------|------------------|-------|--------|--------|-------|---------|
|     | MHz        | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1   | 5320.000   | 8.58 | 34.46 | 42.20            | 94.15 | 94.99  |        |       | Average |
| 2   | 5350.020   | 8.63 | 34.48 | 42.17            | 46.07 | 47.01  | 54.00  | -6.99 | Average |
| 3 p | p 5356.971 | 8.64 | 34.49 | 42.16            | 46.19 | 47.16  | 54.00  | -6.84 | Average |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5500 Peak Vertical



Site : chamber

Condition: 3m VERTICAL

Job No : 06549RG

1

Mode : 5500 Band edge

: 5G WIFI 11AC 20

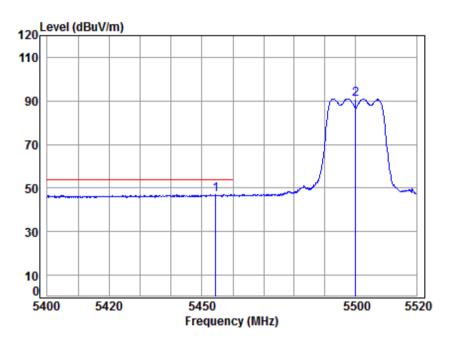
|          | _    |       |                  |       |       |       |        |      |
|----------|------|-------|------------------|-------|-------|-------|--------|------|
| Freq     |      |       | Preamp<br>Factor |       |       |       |        |      |
|          |      |       | dB               |       |       |       | dB     |      |
| 5458.710 | 8.79 | 34.57 | 42.07            | 53.26 | 54.55 | 74.00 | -19.45 | peak |
| 5460.150 | 8.79 | 34.57 | 42.07            | 53.56 | 54.85 | 68.20 | -13.35 | peak |



Report No.: SZEM180700654903

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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5500 Average Vertical



Site : chamber

Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5500 Band edge

: 5G WIFI 11AC 20

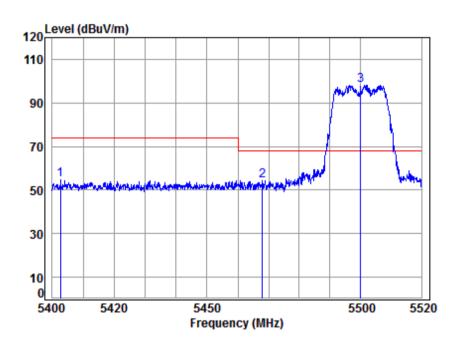
| Freq                     |    |      | Preamp<br>Factor |      |        |        |    | Remark |
|--------------------------|----|------|------------------|------|--------|--------|----|--------|
| MHz                      | dB | dB/m | dB               | dBuV | dBuV/m | dBuV/m | dB |        |
| <br>5454.393<br>5500.000 |    |      |                  |      |        |        |    | _      |



Report No.: SZEM180700654903

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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5500 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5500 Band edge

: 5G WIFI 11AC 20

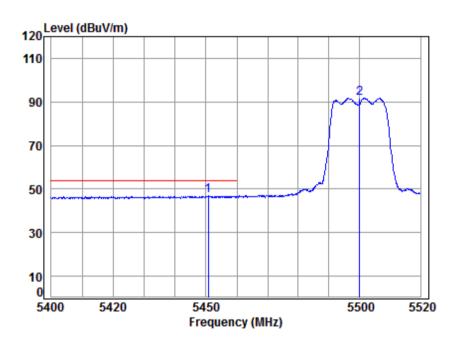
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1    | 5402.730 | 8.71 | 34.53 | 42.12            | 53.44 | 54.56  | 74.00  | -19.44 | peak   |
| 2    | 5467.957 | 8.80 | 34.58 | 42.06            | 53.12 | 54.44  | 68.20  | -13.76 | peak   |
| 3 рр | 5500.000 | 8.85 | 34.60 | 42.03            | 96.73 | 98.15  | 68.20  | 29.95  | peak   |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5500 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5500 Band edge

: 5G WIFI 11AC 20

: MIMO

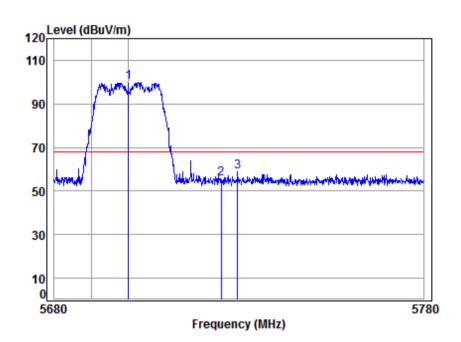
Limit Cable Ant Preamp Read Over Loss Factor Factor Level Level Line Limit Remark Freq MHz dΒ dB/m dB dBuV dBuV/m dBuV/m dB 1 pp 5450.798 8.78 34.56 42.08 45.58 46.84 54.00 -7.16 Average 5500.000 8.85 34.60 42.03 90.24 91.66 ----- Average



Report No.: SZEM180700654903

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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5700 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

1 2 3

Mode : 5700 Band edge

: 5G WIFI 11AC 20

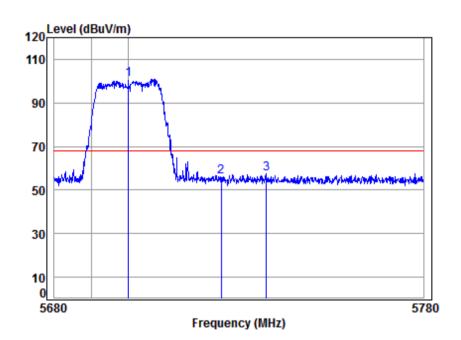
|    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
| -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| рр | 5700.000 | 9.56 | 34.81 | 41.86            | 97.56 | 100.07 | 68.20  | 31.87  | peak   |
|    | 5725.000 | 9.64 | 34.83 | 41.84            | 53.17 | 55.80  | 68.20  | -12.40 | peak   |
|    | 5729.482 | 9.66 | 34.83 | 41.83            | 56.19 | 58.85  | 68.20  | -9.35  | peak   |



Report No.: SZEM180700654903

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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5700 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

: 06549RG Job No

Mode : 5700 Band edge

: 5G WIFI 11AC 20

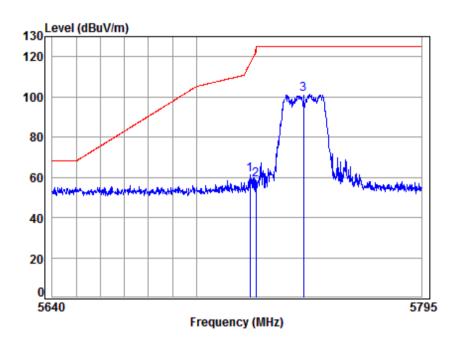
|      |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |   |
|------|----------|-------|--------|--------|-------|--------|--------|--------|--------|---|
|      | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |   |
| _    |          |       |        |        |       |        |        |        |        | _ |
|      | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |   |
|      |          |       |        |        |       |        |        |        |        |   |
| 1 pp | 5700.000 | 9.56  | 34.81  | 41.86  | 98.49 | 101.00 | 68.20  | 32.80  | peak   |   |
| 2    | 5725.000 | 9.64  | 34.83  | 41.84  | 53.55 | 56.18  | 68.20  | -12.02 | peak   |   |
| 3    | 5737.287 | 9.68  | 34.84  | 41.83  | 54.65 | 57.34  | 68.20  | -10.86 | peak   |   |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5745 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549CR

Mode : 5745 Band edge

: 5G WIFI 11AC 20

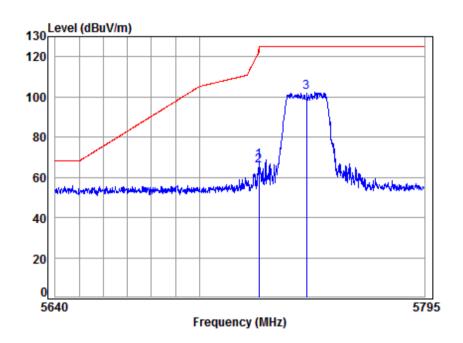
|     | Freq       |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|-----|------------|------|-------|------------------|-------|--------|--------|--------|--------|
|     | MHz        | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1   | 5722.557   | 9.63 | 34.83 | 41.84            | 58.66 | 61.28  | 116.63 | -55.35 | peak   |
| 2   | 5725.000   | 9.64 | 34.83 | 41.84            | 56.43 | 59.06  | 122.20 | -63.14 | peak   |
| 3 p | p 5745.000 | 9.71 | 34.85 | 41.82            | 98.57 | 101.31 | 125.20 | -23.89 | peak   |



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Test mode: 802.11ac(HT20)\_MIMO | Frequency(MHz): 5745 | Peak | Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549CR

Mode : 5745 Band edge

: 5G WIFI 11AC 20

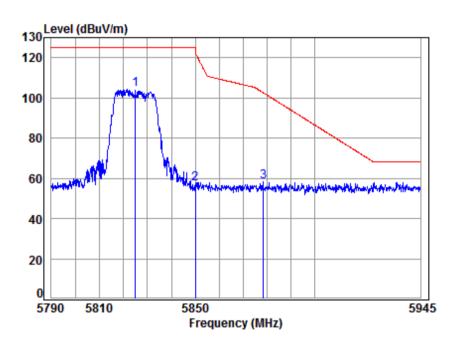
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1    | 5725.000 | 9.64 | 34.83 | 41.84            | 65.62 | 68.25  | 122.20 | -53.95 | peak   |
| 2    | 5725.040 | 9.64 | 34.83 | 41.84            | 62.99 | 65.62  | 125.20 | -59.58 | peak   |
| 3 рр | 5745.000 | 9.71 | 34.85 | 41.82            | 99.34 | 102.08 | 125.20 | -23.12 | peak   |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5825 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549CR

Mode : 5825 Band edge

: 5G WIFI 11AC 20

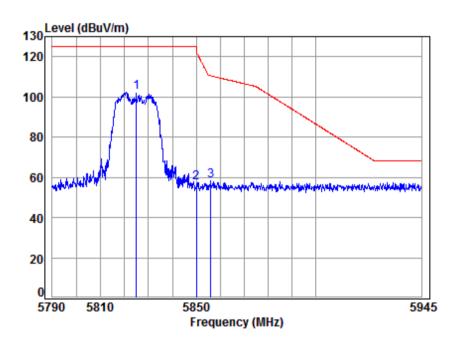
|      |          | •     |        |        |        |        |        |        |        |
|------|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|      |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|      | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
|      |          |       |        |        |        |        |        |        |        |
|      | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|      |          |       |        |        |        |        |        |        |        |
| 1 pp | 5825.000 | 9.98  | 34.93  | 41.75  | 101.01 | 104.17 | 125.20 | -21.03 | peak   |
| 2    | 5850.000 | 10.07 | 34.95  | 41.73  | 54.18  | 57.47  | 122.20 | -64.73 | peak   |
| 3    | 5878.469 | 10.17 | 34.98  | 41.71  | 54.76  | 58.20  | 102.63 | -44.43 | peak   |



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Test mode: 802.11ac(HT20)\_MIMO Frequency(MHz): 5825 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

: 06549CR Job No

2 3

: 5825 Band edge Mode

: 5G WIFI 11AC 20

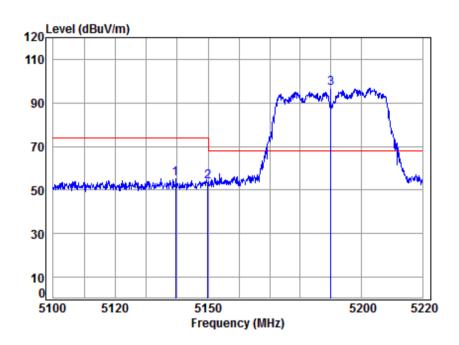
| 1 112110 |           |       |        |        |       |        |        |        |        |  |
|----------|-----------|-------|--------|--------|-------|--------|--------|--------|--------|--|
|          |           | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |  |
|          | Freq      | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |  |
|          |           |       |        |        |       |        |        |        |        |  |
|          | MHz       | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |  |
|          |           |       |        |        |       |        |        |        |        |  |
| 1 pp     | 5825.000  | 9.98  | 34.93  | 41.75  | 99.00 | 102.16 | 125.20 | -23.04 | peak   |  |
| 2        | 5850.000  | 10.07 | 34.95  | 41.73  | 53.80 | 57.09  | 122.20 | -65.11 | peak   |  |
| 3        | 5855, 994 | 10.09 | 34.96  | 41.73  | 54.76 | 58.08  | 110.52 | -52.44 | neak   |  |



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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5190 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5190 Band edge Note : 5G WiFi 11AC 40

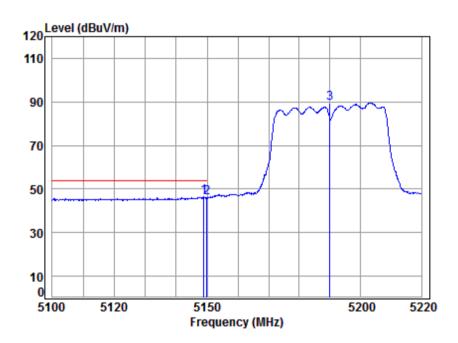
|               | Cable   | Ant Preamp  | Read  |        | Limit  | 0ver   |        |
|---------------|---------|-------------|-------|--------|--------|--------|--------|
| Freq          | Loss Fa | ctor Factor | Level | Level  | Line   | Limit  | Remark |
|               |         |             |       |        |        |        |        |
| MHz           | dB      | dB/m dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |
|               |         |             |       |        |        |        |        |
| 1 5139.531    | 8.31 3  | 4.32 42.37  | 54.91 | 55.17  | 74.00  | -18.83 | peak   |
| 2 5149.980    | 8.33 3  | 4.32 42.36  | 53.37 | 53.66  | 74.00  | -20.34 | peak   |
| 3 pp 5190.000 | 8.39 3  | 4.36 42.32  | 96.43 | 96.86  | 68.20  | 28.66  | peak   |



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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5190 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5190 Band edge Note : 5G WiFi 11AC 40

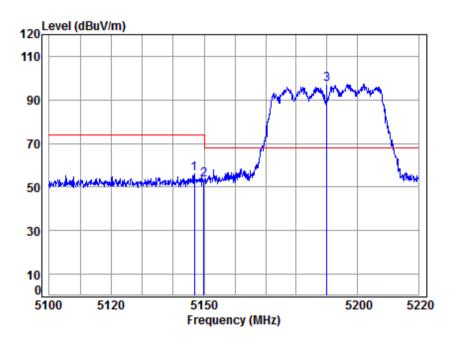
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|---|----|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|   | _  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 | рр | 5148.863 | 8.32 | 34.32 | 42.36            | 46.07 | 46.35  | 54.00  | -7.65 | Average |
| 2 |    | 5149.980 | 8.33 | 34.32 | 42.36            | 45.83 | 46.12  | 54.00  | -7.88 | Average |
| 3 |    | 5190.000 | 8.39 | 34.36 | 42.32            | 89.15 | 89.58  |        |       | Average |



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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5190 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5190 Band edge Note : 5G WiFi 11AC 40

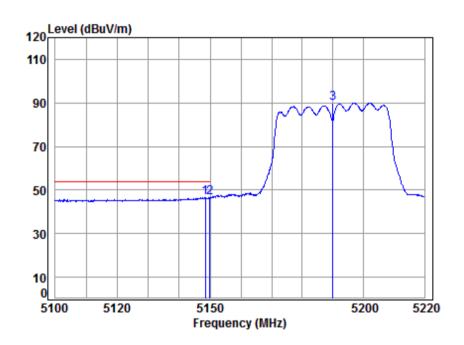
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |   |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|---|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | ——dB   |        | - |
| 1 |    | 5146.828 | 8.32 | 34.32 | 42.36            | 55.77 | 56.05  | 74.00  | -17.95 | peak   |   |
| 2 |    | 5149.980 | 8.33 | 34.32 | 42.36            | 52.91 | 53.20  | 74.00  | -20.80 | peak   |   |
| 3 | pp | 5190.000 | 8.39 | 34.36 | 42.32            | 96.96 | 97.39  | 68.20  | 29.19  | peak   |   |



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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5190 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5190 Band edge Note : 5G WiFi 11AC 40

Antenna : MIMO

1 2 3

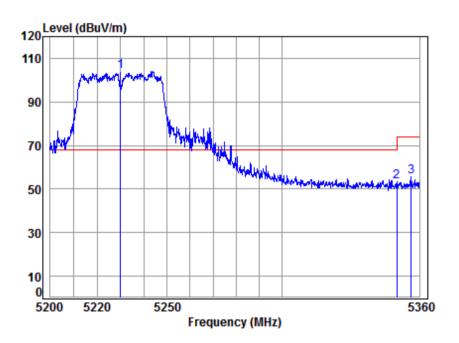
|             | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver  |         |  |
|-------------|-------|--------|--------|-------|--------|--------|-------|---------|--|
| Freq        | Loss  | Factor | Factor | Level | Level  | Line   | Limit | Remark  |  |
|             |       |        |        |       |        |        |       |         |  |
| MHz         | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |  |
|             |       |        |        |       |        |        |       |         |  |
| pp 5148.503 | 8.32  | 34.32  | 42.36  | 46.23 | 46.51  | 54.00  | -7.49 | Average |  |
| 5149.980    |       |        |        |       |        |        |       | _       |  |
| 5190.000    |       |        |        |       |        |        |       | _       |  |



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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5230 Peak Vertical



Site : chamber Condition: 3m VERTICAL

: 06549RG Job No

: 5230 Band edge Mode Note : 5G WiFi 11AC 40

Antenna : MIMO

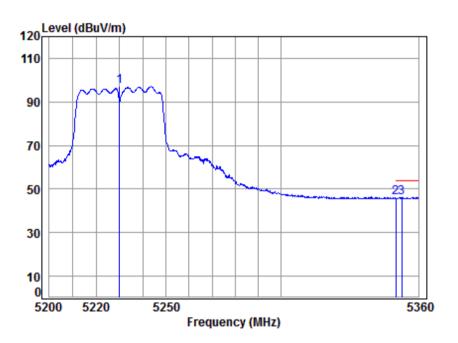
|      |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|------|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|      | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
| _    |          |       |        |        |        |        |        |        |        |
|      | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|      |          |       |        |        |        |        |        |        |        |
| 1 pp | 5230.000 | 8.45  | 34.39  | 42.28  | 103.60 | 104.16 | 68.20  | 35.96  | peak   |
| 2    | 5350.020 | 8.63  | 34.48  | 42.17  | 52.53  | 53.47  | 74.00  | -20.53 | peak   |
| 3    | 5356.428 | 8.64  | 34.49  | 42.16  | 54.71  | 55.68  | 74.00  | -18.32 | peak   |



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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5230 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5230 Band edge Note : 5G WiFi 11AC 40

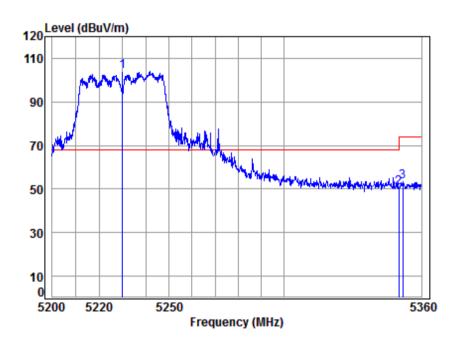
|   |      |                             | Cable              | Ant                    | Preamp               | Read                   |                          | Limit  | 0ver  |                    |   |
|---|------|-----------------------------|--------------------|------------------------|----------------------|------------------------|--------------------------|--------|-------|--------------------|---|
|   |      | Freq                        | Loss               | Factor                 | Factor               | Level                  | Level                    | Line   | Limit | Remark             |   |
|   |      |                             |                    |                        |                      |                        |                          |        |       |                    | _ |
|   |      | MHz                         | dB                 | dB/m                   | dB                   | dBuV                   | dBuV/m                   | dBuV/m | dB    |                    |   |
|   |      |                             |                    |                        |                      |                        |                          |        |       |                    |   |
| 1 | L    | 5230.000                    | 8.45               | 34.39                  | 42.28                | 96.53                  | 97.09                    |        |       | Average            |   |
| 2 | 2    | 5350.020                    | 8.63               | 34.48                  | 42.17                | 45.22                  | 46.16                    | 54.00  | -7.84 | Average            |   |
| 3 | 3 рр | 5352.695                    | 8.63               | 34.49                  | 42.17                | 45.26                  | 46.21                    | 54.00  | -7.79 | Average            |   |
|   | 2    | MHz<br>5230.000<br>5350.020 | dB<br>8.45<br>8.63 | dB/m<br>34.39<br>34.48 | dB<br>42.28<br>42.17 | dBuV<br>96.53<br>45.22 | dBuV/m<br>97.09<br>46.16 | dBuV/m | dB    | Average<br>Average |   |



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Test mode: 802.11ac(HT40)\_MIMO | Frequency(MHz): 5230 | Peak | Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5230 Band edge Note : 5G WiFi 11AC 40

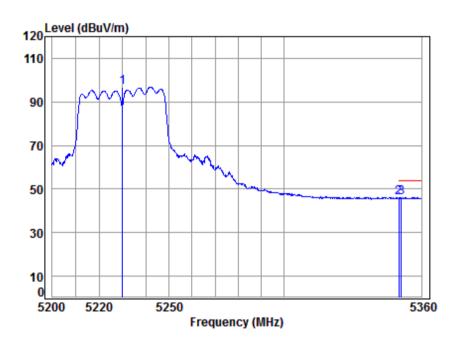
|   |    | Freq     |      |       |       | Read<br>Level |        |       |        | Remark |   |
|---|----|----------|------|-------|-------|---------------|--------|-------|--------|--------|---|
|   | -  | MHz      |      |       |       | —dBuV         |        |       |        |        | _ |
| 1 | pp | 5230.000 | 8.45 | 34.39 | 42.28 | 103.27        | 103.83 | 68.20 | 35.63  | peak   |   |
| 2 |    | 5350.020 | 8.63 | 34.48 | 42.17 | 49.77         | 50.71  | 74.00 | -23.29 | peak   |   |
| 3 |    | 5351.722 | 8.63 | 34.49 | 42.17 | 52.65         | 53.60  | 74.00 | -20.40 | peak   |   |



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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5230 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5230 Band edge Note : 5G WiFi 11AC 40

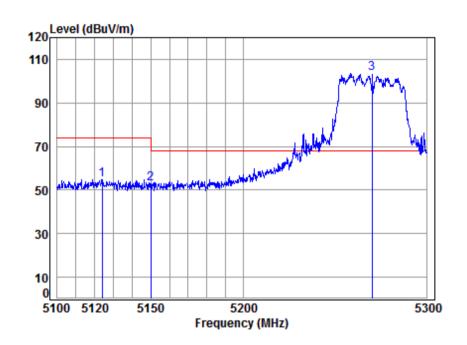
|      |          |      |        | Preamp |       |          |          |       |         |
|------|----------|------|--------|--------|-------|----------|----------|-------|---------|
|      | Freq     | Loss | Factor | Factor | Level | Level    | Line     | Limit | Remark  |
|      |          |      |        | ——dB   |       | dBuV/m   | dBuV/m   | dB    |         |
|      | PHIZ     | ub   | ub/III | ub     | ubuv  | ubuv/III | ubuv/III | ub    |         |
| 1    | 5230.000 | 8.45 | 34.39  | 42.28  | 96.32 | 96.88    |          |       | Average |
| 2    | 5350.020 | 8.63 | 34.48  | 42.17  | 45.04 | 45.98    | 54.00    | -8.02 | Average |
| 3 pp | 5351.073 | 8.63 | 34.48  | 42.17  | 45.15 | 46.09    | 54.00    | -7.91 | Average |



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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5270 Peak Vertical



Site : chamber Condition: 3m VERTICAL

: 06549RG Job No

Mode : 5270 Band edge

: 5G WIFI 11AC 40

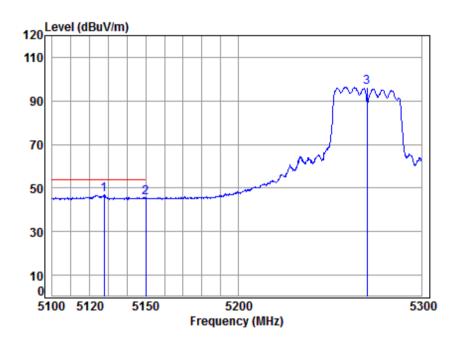
|      |          | Cable | Ant    | Preamp | Read   |        | Limit  | 0ver   |        |
|------|----------|-------|--------|--------|--------|--------|--------|--------|--------|
|      | Freq     | Loss  | Factor | Factor | Level  | Level  | Line   | Limit  | Remark |
|      |          |       |        |        |        |        |        |        |        |
|      | MHz      | dB    | dB/m   | dB     | dBuV   | dBuV/m | dBuV/m | dB     |        |
|      |          |       |        |        |        |        |        |        |        |
| 1    | 5123.990 | 8.29  | 34.30  | 42.38  | 54.52  | 54.73  | 74.00  | -19.27 | peak   |
| 2    | 5149.980 | 8.33  | 34.32  | 42.36  | 52.75  | 53.04  | 74.00  | -20.96 | peak   |
| 3 рр | 5270.000 | 8.51  | 34.42  | 42.24  | 102.71 | 103.40 | 68.20  | 35.20  | peak   |



Report No.: SZEM180700654903

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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5270 Average Vertical



Site : chamber Condition: 3m VERTICAL

: 06549RG Job No

2 3

: 5270 Band edge Mode

: 5G WIFI 11AC 40

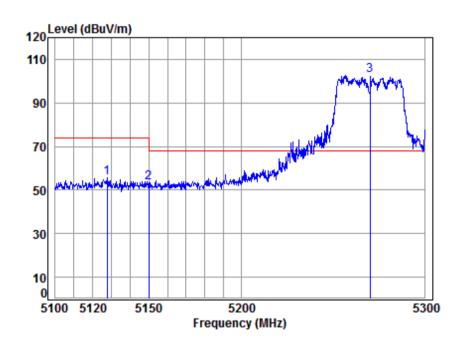
|      |          | -     |        |        |       |        |        |       |         |   |
|------|----------|-------|--------|--------|-------|--------|--------|-------|---------|---|
|      |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver  |         |   |
|      | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit | Remark  |   |
|      |          |       |        |        |       |        |        |       |         | _ |
|      | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |   |
|      |          |       |        |        |       |        |        |       |         |   |
| 1 pp | 5127.736 | 8.29  | 34.31  | 42.38  | 46.61 | 46.83  | 54.00  | -7.17 | Average |   |
| 2    | 5149.980 | 8.33  | 34.32  | 42.36  | 45.25 | 45.54  | 54.00  | -8.46 | Average |   |
| 3    | 5270 000 | 8 51  | 34 42  | 42 24  | 95 75 | 96 44  |        |       | Average |   |



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| Test mode: | 802.11ac(HT40)_MIMO | Frequency(MHz): | 5270 | Peak | Horizontal |
|------------|---------------------|-----------------|------|------|------------|
|------------|---------------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5270 Band edge

: 5G WIFI 11AC 40

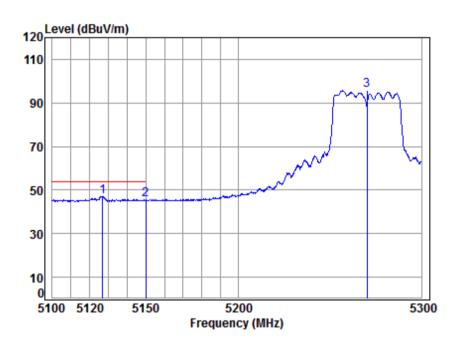
|   |    | Freq     |      | Ant<br>Factor |       |        |        |        |        | Remark |
|---|----|----------|------|---------------|-------|--------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m          | dB    | dBuV   | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5127.539 | 8.29 | 34.31         | 42.38 | 55.44  | 55.66  | 74.00  | -18.34 | peak   |
| 2 |    | 5149.980 | 8.33 | 34.32         | 42.36 | 52.91  | 53.20  | 74.00  | -20.80 | peak   |
| 3 | pp | 5270.000 | 8.51 | 34.42         | 42.24 | 102.12 | 102.81 | 68.20  | 34.61  | peak   |



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| Test mode: 802.11ac(HT40)_MIMO | Frequency(MHz): | 5270 | Average | Horizontal |
|--------------------------------|-----------------|------|---------|------------|
|--------------------------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5270 Band edge

: 5G WIFI 11AC 40

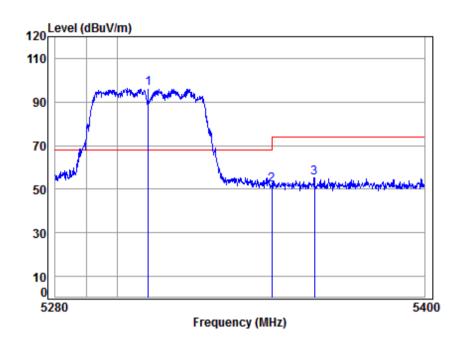
|               | _     |        |        |       |        |        |       |         |   |
|---------------|-------|--------|--------|-------|--------|--------|-------|---------|---|
|               | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver  |         |   |
| Freq          | Loss  | Factor | Factor | Level | Level  | Line   | Limit | Remark  |   |
|               |       |        |        |       |        |        |       |         | _ |
| MHz           | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |   |
|               |       |        |        |       |        |        |       |         |   |
| 1 pp 5126.947 | 8.29  | 34.31  | 42.38  | 46.76 | 46.98  | 54.00  | -7.02 | Average |   |
| 2 5149.980    | 8.33  | 34.32  | 42.36  | 45.24 | 45.53  | 54.00  | -8.47 | Average |   |
| 3 5270.000    | 8.51  | 34.42  | 42.24  | 94.94 | 95.63  |        |       | Average |   |



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| Test mode: | 802.11ac(HT40)_MIMO | Frequency(MHz): | 5310 | Peak | Vertical |
|------------|---------------------|-----------------|------|------|----------|
|------------|---------------------|-----------------|------|------|----------|



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5310 Band edge

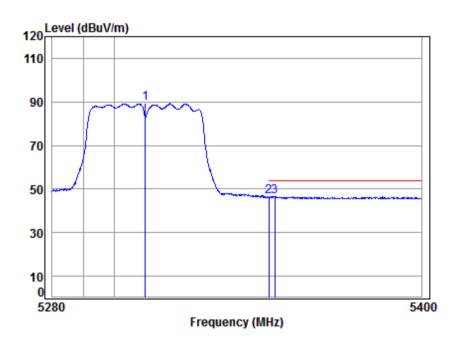
: 5G WIFI 11AC 40

|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | рр | 5310.000 | 8.57 | 34.45 | 42.21            | 95.26 | 96.07  | 68.20  | 27.87  | peak   |
| 2 |    | 5350.020 | 8.63 | 34.48 | 42.17            | 51.00 | 51.94  | 74.00  | -22.06 | peak   |
| 3 |    | 5363.958 | 8.65 | 34.49 | 42.16            | 54.44 | 55.42  | 74.00  | -18.58 | peak   |



Report No.: SZEM180700654903

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Site : chamber Condition: 3m VERTICAL Job No : 06549RG

Mode : 5310 Band edge

: 5G WIFI 11AC 40

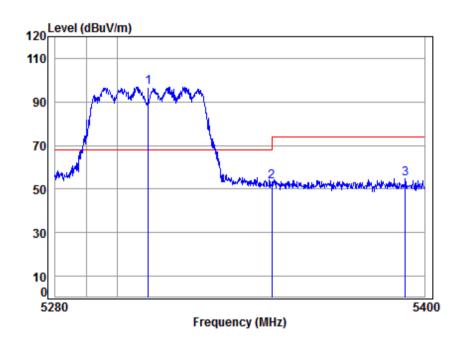
|   |             | _     |        |        |       |          |          |       |         |   |
|---|-------------|-------|--------|--------|-------|----------|----------|-------|---------|---|
|   |             | Cable | Ant    | Preamp | Read  |          | Limit    | 0ver  |         |   |
|   | Freq        | Loss  | Factor | Factor | Level | Level    | Line     | Limit | Remark  |   |
|   |             |       |        |        |       |          |          |       |         | _ |
|   | MHz         | dB    | dB/m   | dB     | dBuV  | d Bu V/m | d Bu V/m | dB    |         |   |
|   |             |       |        |        |       |          |          |       |         |   |
| 1 | 5310.000    | 8.57  | 34.45  | 42.21  | 88.42 | 89.23    |          |       | Average |   |
| 2 | 5350.020    | 8.63  | 34.48  | 42.17  | 45.42 | 46.36    | 54.00    | -7.64 | Average |   |
| 3 | pp 5352.037 | 8.63  | 34.49  | 42.17  | 45.50 | 46.45    | 54.00    | -7.55 | Average |   |



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| Test mode: | 802.11ac(HT40)_MIMO | Frequency(MHz): | 5310 | Peak | Horizontal |
|------------|---------------------|-----------------|------|------|------------|
|------------|---------------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5310 Band edge

: 5G WIFI 11AC 40

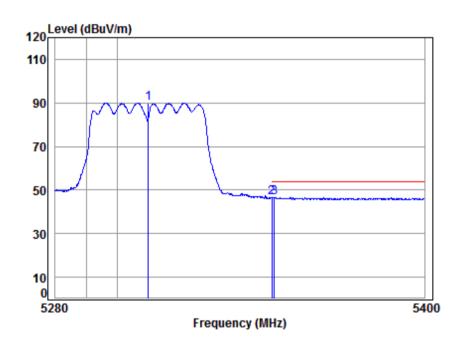
|      |          | _    |       |                  |       |        |        |        |        |
|------|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 pp | 5310.000 | 8.57 | 34.45 | 42.21            | 95.92 | 96.73  | 68.20  | 28.53  | peak   |
| 2    | 5350.020 | 8.63 | 34.48 | 42.17            | 52.52 | 53.46  | 74.00  | -20.54 | peak   |
| 3    | 5393.693 | 8.69 | 34.52 | 42.13            | 53.68 | 54.76  | 74.00  | -19.24 | peak   |



Report No.: SZEM180700654903

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| Test mode: | 802.11ac(HT40)_MIMO | Frequency(MHz): | 5310 | Average | Horizontal |
|------------|---------------------|-----------------|------|---------|------------|
|------------|---------------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5310 Band edge

: 5G WIFI 11AC 40

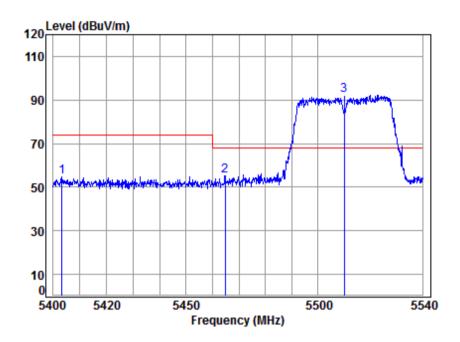
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|---|----|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 |    | 5310.000 | 8.57 | 34.45 | 42.21            | 89.12 | 89.93  |        |       | Average |
| 2 |    | 5350.020 | 8.63 | 34.48 | 42.17            | 45.54 | 46.48  | 54.00  | -7.52 | Average |
| 3 | pp | 5350.955 | 8.63 | 34.48 | 42.17            | 45.73 | 46.67  | 54.00  | -7.33 | Average |



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| Test mode:   802.11ac(HT40)_MIMO   Frequency(MHz):   5510   Peak | Vertical |
|--|----------|
|--|----------|



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5510 Band edge

: 5G WIFI 11AC 40

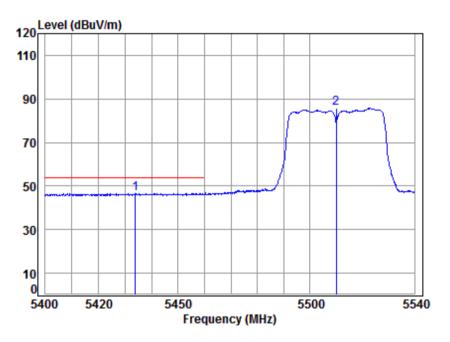
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5403.318 | 8.71 | 34.53 | 42.12            | 53.83 | 54.95  | 74.00  | -19.05 | peak   |
| 2 |    | 5464.794 | 8.80 | 34.57 | 42.07            | 53.89 | 55.19  | 68.20  | -13.01 | peak   |
| 3 | pp | 5510.000 | 8.89 | 34.61 | 42.02            | 90.78 | 92.26  | 68.20  | 24.06  | peak   |



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| Test mode: | 802.11ac(HT40)_MIMO | Frequency(MHz): | 5510 | Average | Vertical |
|------------|---------------------|-----------------|------|---------|----------|
|------------|---------------------|-----------------|------|---------|----------|



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5510 Band edge

: 5G WIFI 11AC 40

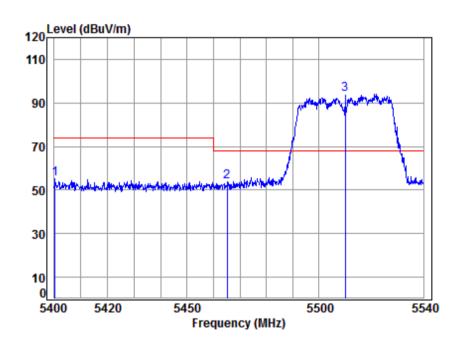
| Freq                        |    |      | Preamp<br>Factor |      |        |        |    |   |
|-----------------------------|----|------|------------------|------|--------|--------|----|---|
| MHz                         | dB | dB/m | dB               | dBuV | dBuV/m | dBuV/m | dB |   |
| 1 pp 5433.830<br>2 5510.000 |    |      |                  |      |        |        |    | _ |



Report No.: SZEM180700654903

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| Test mode: | 802.11ac(HT40)_MIMO | Frequency(MHz): | 5510 | Peak | Horizontal |
|------------|---------------------|-----------------|------|------|------------|
|------------|---------------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5510 Band edge

: 5G WIFI 11AC 40

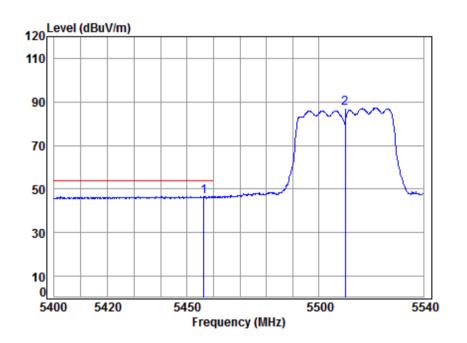
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5400.276 | 8.70 | 34.52 | 42.12            | 53.99 | 55.09  | 74.00  | -18.91 | peak   |
| 2 |    | 5465.214 | 8.80 | 34.57 | 42.06            | 52.66 | 53.97  | 68.20  | -14.23 | peak   |
| 3 | pp | 5510.000 | 8.89 | 34.61 | 42.02            | 92.52 | 94.00  | 68.20  | 25.80  | peak   |



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| Test mode: | 802.11ac(HT40)_MIMO | Frequency(MHz): | 5510 | Average | Horizontal |
|------------|---------------------|-----------------|------|---------|------------|
|------------|---------------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5510 Band edge

: 5G WIFI 11AC 40

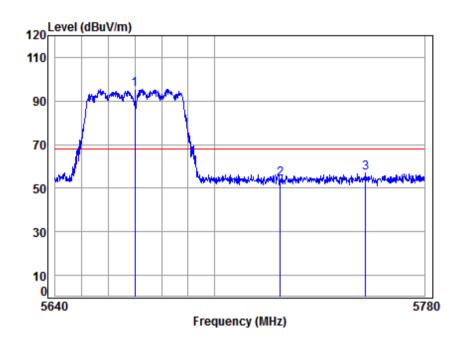
| Freq          |    |      | Preamp<br>Factor |      |        |        |    |   |
|---------------|----|------|------------------|------|--------|--------|----|---|
| MHz           | dB | dB/m | dB               | dBuV | dBuV/m | dBuV/m | dB |   |
| 1 pp 5456.269 |    |      |                  |      |        |        |    | _ |



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| Test mode:   802.11ac(HT40)_MIMO   Frequency(MHz):   5670   Peak   \ |
|--|
|--|



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5670 Band edge

: 5G WIFI 11AC 40

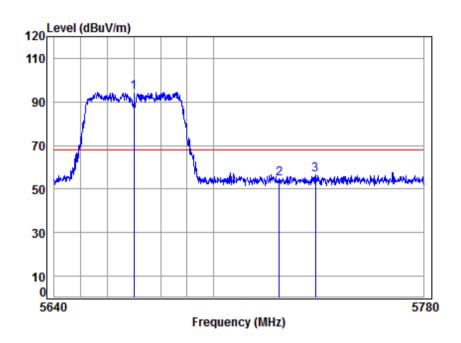
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 | рр | 5670.000 | 9.45 | 34.77 | 41.88            | 93.21 | 95.55  | 68.20  | 27.35  | peak   |
| 2 |    | 5725.000 | 9.64 | 34.83 | 41.84            | 51.85 | 54.48  | 68.20  | -13.72 | peak   |
| 3 |    | 5757.510 | 9.75 | 34.86 | 41.81            | 54.10 | 56.90  | 68.20  | -11.30 | peak   |



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| Test mode: | 802.11ac(HT40)_MIMO | Frequency(MHz): | 5670 | Peak | Horizontal |
|------------|---------------------|-----------------|------|------|------------|
|------------|---------------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5670 Band edge

: 5G WIFI 11AC 40

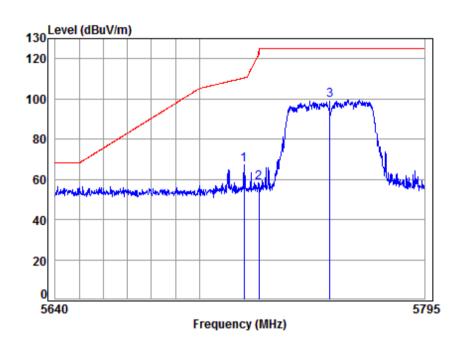
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 pp | 5670.000 | 9.45 | 34.77 | 41.88            | 92.21 | 94.55  | 68.20  | 26.35  | peak   |
| 2    | 5725.000 | 9.64 | 34.83 | 41.84            | 51.91 | 54.54  | 68.20  | -13.66 | peak   |
| 3    | 5738.624 | 9.69 | 34.84 | 41.83            | 53.67 | 56.37  | 68.20  | -11.83 | peak   |



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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5755 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549CR

Mode : 5755 Band edge

: 5G WIFI 11AC 40

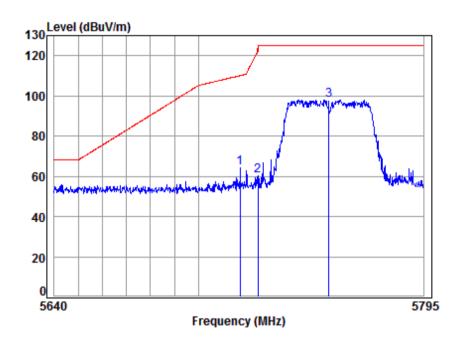
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1    | 5718.680 | 9.62 | 34.82 | 41.84            | 64.44 | 67.04  | 110.43 | -43.39 | peak   |
| 2    | 5725.000 | 9.64 | 34.83 | 41.84            | 55.84 | 58.47  | 122.20 | -63.73 | peak   |
| 3 pp | 5755.000 | 9.75 | 34.86 | 41.81            | 96.44 | 99.24  | 125.20 | -25.96 | peak   |



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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5755 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

: 06549CR Job No

Mode : 5755 Band edge

: 5G WIFI 11AC 40

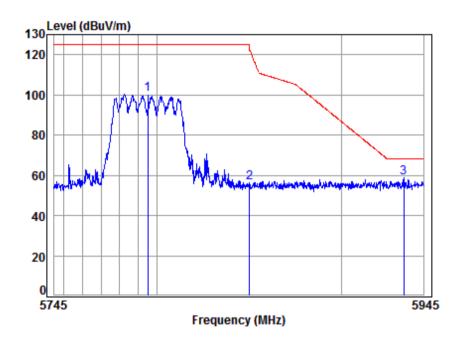
|                | Freq                             |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|----------------|----------------------------------|------|-------|------------------|-------|--------|--------|--------|--------|
| -              | MHz                              | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1<br>2<br>3 pp | 5717.595<br>5725.000<br>5755.000 | 9.64 | 34.83 | 41.84            | 57.76 | 60.39  | 122.20 | -61.81 | peak   |



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Test mode: 802.11ac(HT40)\_MIMO Frequency(MHz): 5795 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549CR

Mode : 5795 Band edge

: 5G WIFI 11AC 40

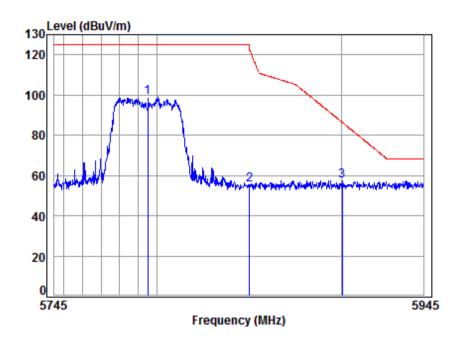
|      | Freq     |       |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
| -    | MHz      | dB    | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1    | 5795.000 | 9.88  | 34.90 | 41.78            | 97.22 | 100.22 | 125.20 | -24.98 | peak   |
| 2    | 5850.000 | 10.07 | 34.95 | 41.73            | 52.96 | 56.25  | 122.20 | -65.95 | peak   |
| 3 рр | 5934.228 | 10.35 | 35.04 | 41.66            | 55.04 | 58.77  | 68.20  | -9.43  | peak   |



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| Test mode:   802.11ac(HT40)_MIMO   Frequency(MHz):   5795   Peak   I | Test mode: | 802.11ac(HT40)_MIMO | Frequency(MHz): | 5795 | Peak | Horizontal |
|--|------------|---------------------|-----------------|------|------|------------|
|--|------------|---------------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549CR

Mode : 5795 Band edge

: 5G WIFI 11AC 40

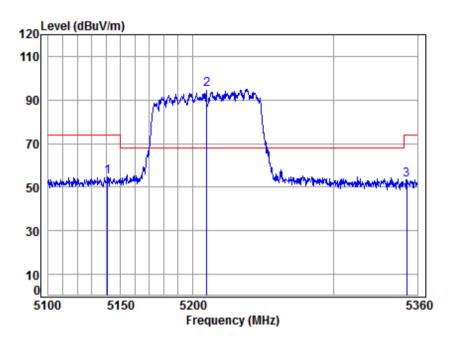
|   |   | Freq     |       |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|---|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
|   | - | MHz      | dB    | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
|   |   | 5795.000 |       |       |                  |       |        |        |        | •      |
| 2 |   | 5850.000 | 10.07 | 34.95 | 41.73            | 52.20 | 55.49  | 122.20 | -66.71 | peak   |
| 3 |   | 5900.411 | 10.24 | 35.00 | 41.69            | 53.92 | 57.47  | 86.40  | -28.93 | peak   |



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| Test mode: | 802.11ac(HT80)_MIMO | Frequency(MHz): | 5210 | Peak | Vertical |
|------------|---------------------|-----------------|------|------|----------|
|------------|---------------------|-----------------|------|------|----------|



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5210 Band edge Note : 5G WiFi 11AC 80

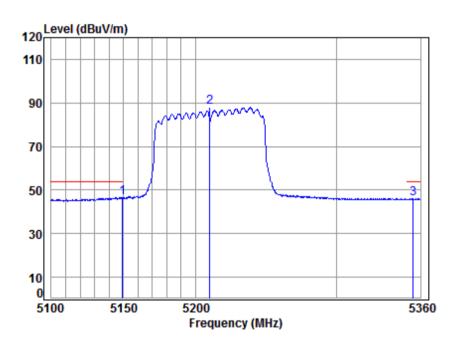
|               | Cable    | Ant Preamp | Read  |        | Limit  | 0ver   |        |
|---------------|----------|------------|-------|--------|--------|--------|--------|
| Freq          | Loss Fac | tor Factor | Level | Level  | Line   | Limit  | Remark |
| •             |          |            |       |        |        |        |        |
| MHz           | dB o     | dB/m dB    | dBuV  | dBuV/m | dBuV/m | dB     |        |
|               |          |            |       |        | ,      |        |        |
| 1 5140.992    | 8.31 34  | 1.32 42.36 | 54.27 | 54.54  | 74.00  | -19.46 | peak   |
| 2 pp 5210.000 | 8.42 34  | 1.37 42.30 | 94.52 | 95.01  | 68.20  | 26.81  | peak   |
| 3 5352.276    | 8.63 34  | 1.49 42.17 | 52.38 | 53.33  | 74.00  | -20.67 | peak   |



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| Test mode: | 802.11ac(HT80)_MIMO | Frequency(MHz): | 5210 | Average | Vertical |
|------------|---------------------|-----------------|------|---------|----------|
|------------|---------------------|-----------------|------|---------|----------|



Site : chamber Condition: 3m VERTICAL Job No : 06549RG

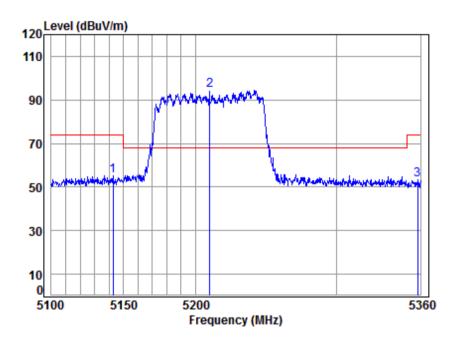
Mode : 5210 Band edge Note : 5G WiFi 11AC 80

|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |   |
|---|----|----------|------|-------|------------------|-------|--------|--------|-------|---------|---|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         | _ |
| 1 | рр | 5149.178 | 8.32 | 34.32 | 42.36            | 46.27 | 46.55  | 54.00  | -7.45 | Average |   |
| 2 |    | 5210.000 | 8.42 | 34.37 | 42.30            | 87.40 | 87.89  |        |       | Average |   |
| 3 |    | 5354.672 | 8.64 | 34.49 | 42.16            | 45.16 | 46.13  | 54.00  | -7.87 | Average |   |



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Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5210 Band edge Note : 5G WiFi 11AC 80

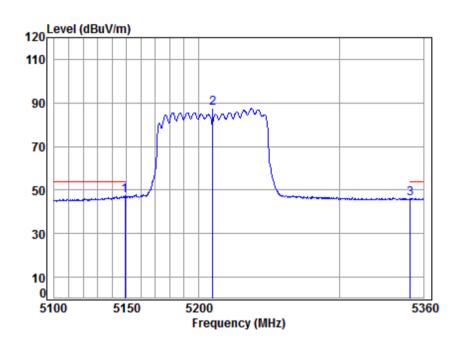
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1    | 5142.781 | 8.31 | 34.32 | 42.36            | 54.98 | 55.25  | 74.00  | -18.75 | peak   |
| 2 pp | 5210.000 | 8.42 | 34.37 | 42.30            | 93.75 | 94.24  | 68.20  | 26.04  | peak   |
| 3    | 5358.135 | 8.64 | 34.49 | 42.16            | 52.61 | 53.58  | 74.00  | -20.42 | peak   |



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| Test mode: | 802.11ac(HT80)_MIMO | Frequency(MHz): | 5210 | Average | Horizontal |
|------------|---------------------|-----------------|------|---------|------------|
|------------|---------------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5210 Band edge Note : 5G WiFi 11AC 80

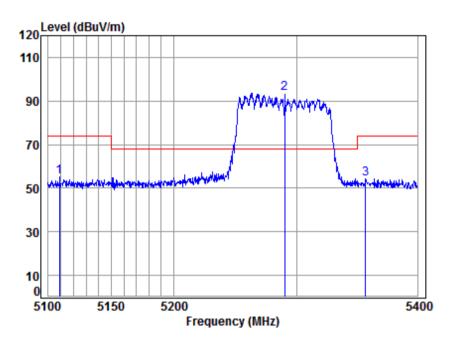
|     | Freq        |      |       | Preamp<br>Factor |       |        |        |       | Remark  |   |
|-----|-------------|------|-------|------------------|-------|--------|--------|-------|---------|---|
|     | MHz         | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         | _ |
| 1 p | op 5148.667 | 8.32 | 34.32 | 42.36            | 46.96 | 47.24  | 54.00  | -6.76 | Average |   |
| 2   | 5210.000    | 8.42 | 34.37 | 42.30            | 86.91 | 87.40  |        |       | Average |   |
| 3   | 5350.414    | 8.63 | 34.48 | 42.17            | 45.19 | 46.13  | 54.00  | -7.87 | Average |   |



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| 1 1 3 5 1 1 3 | Test mode: | 802.11ac(HT80)_MIMO | Frequency(MHz): | 5290 | Peak | Vertical |
|---|------------|---------------------|-----------------|------|------|----------|
|---|------------|---------------------|-----------------|------|------|----------|



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG Mode : 5290 Band

1 2 3

Mode : 5290 Band edge : 5G WIFI 11AC 80

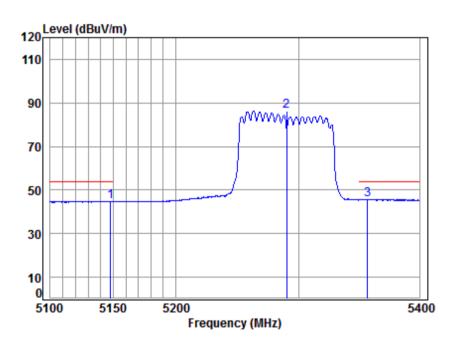
|   |    | Freq                 |    |      | Preamp<br>Factor |      |        |        |    |   |   |
|---|----|----------------------|----|------|------------------|------|--------|--------|----|---|---|
|   | -  | MHz                  | dB | dB/m | dB               | dBuV | dBuV/m | dBuV/m | dB |   | - |
|   |    | 5109.045             |    |      |                  |      |        |        |    | • |   |
| } | pp | 5290.000<br>5356.960 |    |      |                  |      |        |        |    | • |   |



Report No.: SZEM180700654903

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| Test mode: 802.11ac(HT80)_MIMO | Frequency(MHz): | 5290 | Average | Vertical |
|--------------------------------|-----------------|------|---------|----------|
|--------------------------------|-----------------|------|---------|----------|



Site : chamber Condition: 3m VERTICAL Job No : 06549RG

Mode : 5290 Band edge

: 5G WIFI 11AC 80

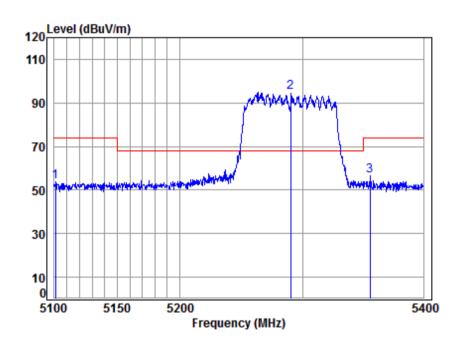
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|---|----|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 |    | 5147.738 | 8.32 | 34.32 | 42.36            | 44.61 | 44.89  | 54.00  | -9.11 | Average |
| 2 |    | 5290.000 | 8.54 | 34.44 | 42.22            | 85.49 | 86.25  |        |       | Average |
| 3 | pp | 5356.960 | 8.64 | 34.49 | 42.16            | 44.76 | 45.73  | 54.00  | -8.27 | Average |



Report No.: SZEM180700654903

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| Test mode: | 802.11ac(HT80)_MIMO | Frequency(MHz): | 5290 | Peak | Horizontal |
|------------|---------------------|-----------------|------|------|------------|
|------------|---------------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5290 Band edge

: 5G WIFI 11AC 80

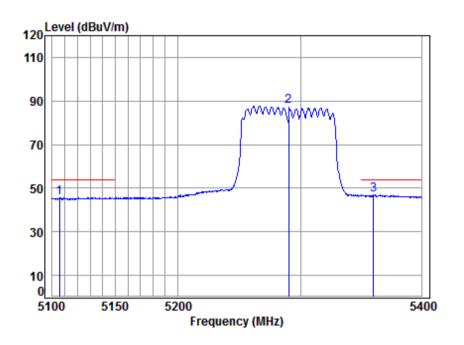
|      |          | _    |       |                  |       |        |        |        |        |
|------|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1    | 5101.166 | 8.25 | 34.28 | 42.40            | 53.56 | 53.69  | 74.00  | -20.31 | peak   |
| 2 pp | 5290.000 | 8.54 | 34.44 | 42.22            | 93.97 | 94.73  | 68.20  | 26.53  | peak   |
| 3    | 5355.430 | 8.64 | 34.49 | 42.16            | 55.41 | 56.38  | 74.00  | -17.62 | peak   |



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| Test mode: | 802.11ac(HT80)_MIMO | Frequency(MHz): | 5290 | Average | Horizontal |
|------------|---------------------|-----------------|------|---------|------------|
|------------|---------------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5290 Band edge

: 5G WIFI 11AC 80

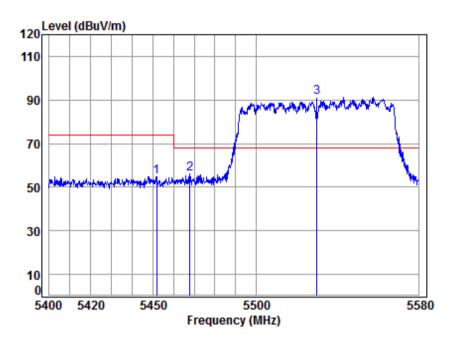
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |       | Remark  |
|---|----|----------|------|-------|------------------|-------|--------|--------|-------|---------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 |    | 5105.542 | 8.26 | 34.29 | 42.40            | 45.62 | 45.77  | 54.00  | -8.23 | Average |
| 2 |    | 5290.000 | 8.54 | 34.44 | 42.22            | 86.91 | 87.67  |        |       | Average |
| 3 | pp | 5360.023 | 8.64 | 34.49 | 42.16            | 45.89 | 46.86  | 54.00  | -7.14 | Average |



Report No.: SZEM180700654903

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| Test mode:   802.11ac(HT80)_MIMO   Frequency(MHz): | 5530 | Peak | Vertical |
|--|------|------|----------|
|--|------|------|----------|



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5530 Band edge

: 5G WIFI 11AC 80

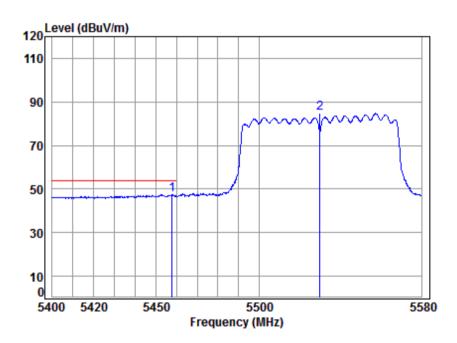
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5451.772 | 8.78 | 34.56 | 42.08            | 53.57 | 54.83  | 74.00  | -19.17 | peak   |
| 2 |    | 5467.885 | 8.80 | 34.58 | 42.06            | 54.76 | 56.08  | 68.20  | -12.12 | peak   |
| 3 | pp | 5530.000 | 8.96 | 34.63 | 42.01            | 89.68 | 91.26  | 68.20  | 23.06  | peak   |



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| Test mode: | 802.11ac(HT80)_MIMO | Frequency(MHz): | 5530 | Average | Vertical |
|------------|---------------------|-----------------|------|---------|----------|
|------------|---------------------|-----------------|------|---------|----------|



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5530 Band edge

: 5G WIFI 11AC 80

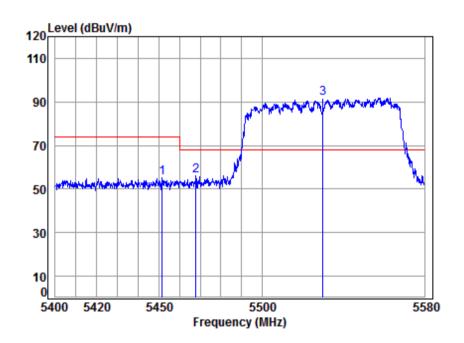
| Freq                     |    |      | Preamp<br>Factor |      |        |        |    |   |
|--------------------------|----|------|------------------|------|--------|--------|----|---|
| MHz                      | dB | dB/m | dB               | dBuV | dBuV/m | dBuV/m | dB |   |
| <br>5457.854<br>5530.000 |    |      |                  |      |        |        |    | _ |



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| Test mode: | 802.11ac(HT80)_MIMO | Frequency(MHz): | 5530 | Peak | Horizontal |
|------------|---------------------|-----------------|------|------|------------|
|------------|---------------------|-----------------|------|------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5530 Band edge

: 5G WIFI 11AC 80

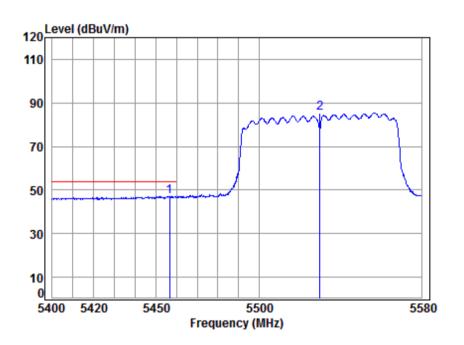
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5451.594 | 8.78 | 34.56 | 42.08            | 54.03 | 55.29  | 74.00  | -18.71 | peak   |
| 2 |    | 5467.885 | 8.80 | 34.58 | 42.06            | 55.03 | 56.35  | 68.20  | -11.85 | peak   |
| 3 | pp | 5530.000 | 8.96 | 34.63 | 42.01            | 90.35 | 91.93  | 68.20  | 23.73  | peak   |



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| Test mode: | 802.11ac(HT80)_MIMO | Frequency(MHz): | 5530 | Average | Horizontal |
|------------|---------------------|-----------------|------|---------|------------|
|------------|---------------------|-----------------|------|---------|------------|



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5530 Band edge

: 5G WIFI 11AC 80

: MIMO

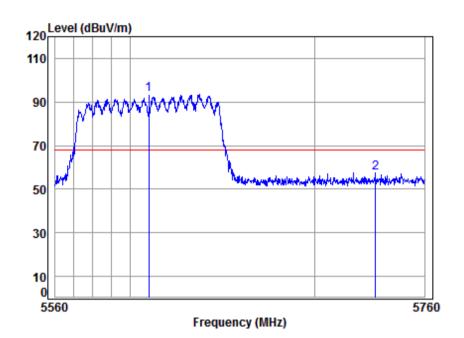
| Freq                        |    |      | Preamp<br>Factor |      |        |        |    |   |
|-----------------------------|----|------|------------------|------|--------|--------|----|---|
| MHz                         | dB | dB/m | dB               | dBuV | dBuV/m | dBuV/m | dB |   |
| 1 pp 5456.601<br>2 5530.000 |    |      |                  |      |        |        |    | _ |



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| Test mode:   802.11a | ac(HT80)_MIMO | Frequency(MHz): | 5610 | Peak | Vertical |
|----------------------|---------------|-----------------|------|------|----------|
|----------------------|---------------|-----------------|------|------|----------|



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5610 Band edge

: 5G WIFI 11AC 80

: MIMO

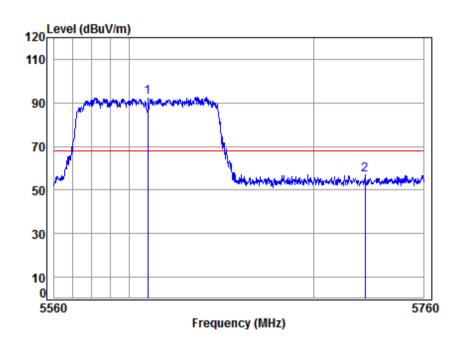
| Freq                        |    |      | Preamp<br>Factor |      |        |        |    |   |
|-----------------------------|----|------|------------------|------|--------|--------|----|---|
| MHz                         | dB | dB/m | dB               | dBuV | dBuV/m | dBuV/m | dB |   |
| 1 pp 5610.000<br>2 5732.991 |    |      |                  |      |        |        |    | • |



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Test mode: 802.11ac(HT80)\_MIMO | Frequency(MHz): 5610 | Peak | Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5610 Band edge

: 5G WIFI 11AC 80

: MIMO

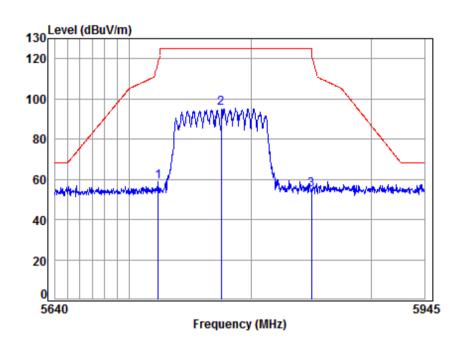
Limit Cable Ant Preamp Read Over Loss Factor Factor Level Level Line Limit Remark Freq MHz dΒ dB/m dΒ dBuV dBuV/m dBuV/m dB 1 pp 5610.000 34.71 41.94 90.53 92.54 68.20 24.34 peak 9.24 5727.928 9.65 34.83 41.83 54.45 57.10 68.20 -11.10 peak



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Test mode: 802.11ac(HT80)\_MIMO Frequency(MHz): 5775 Peak Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549CR

Mode : 5775 Band edge

: 5G WIFI 11AC 80

: MIMO

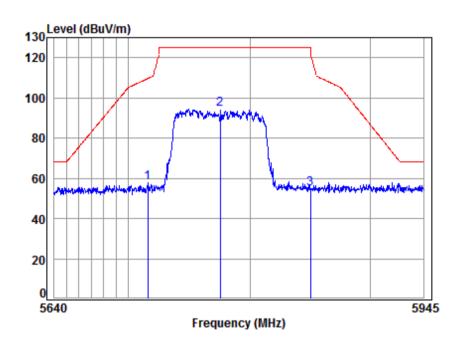
|   |    | Freq     |       |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
|   | -  | MHz      | dB    | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5723.486 | 9.64  | 34.83 | 41.84            | 56.25 | 58.88  | 118.75 | -59.87 | peak   |
| 2 | pp | 5775.000 | 9.81  | 34.88 | 41.79            | 92.47 | 95.37  | 125.20 | -29.83 | peak   |
| 3 |    | 5850.000 | 10.07 | 34.95 | 41.73            | 51.46 | 54.75  | 122.20 | -67.45 | peak   |



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Test mode: 802.11ac(HT80)\_MIMO Frequency(MHz): 5775 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549CR

Mode : 5775 Band edge

: 5G WIFI 11AC 80

: MIMO

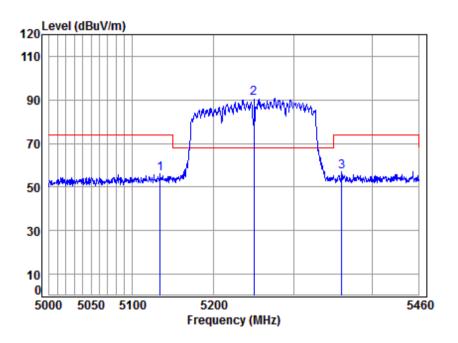
|      | Freq     |       |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|-------|-------|------------------|-------|--------|--------|--------|--------|
|      | MHz      | dB    | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1    | 5715.654 | 9.61  | 34.82 | 41.85            | 55.07 | 57.65  | 109.58 | -51.93 | peak   |
| 2 pp | 5775.000 | 9.81  | 34.88 | 41.79            | 91.47 | 94.37  | 125.20 | -30.83 | peak   |
| 3    | 5850.000 | 10.07 | 34.95 | 41.73            | 51.34 | 54.63  | 122.20 | -67.57 | peak   |



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Test mode: 802.11ac(HT160)\_MIMO Frequency(MHz): 5250 Peak Horizontal



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5250 Band edge Note : 5G WiFi 11AC 160

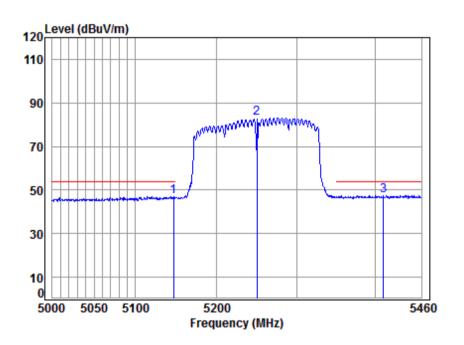
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5134.227 | 8.30 | 34.31 | 42.37            | 56.08 | 56.32  | 74.00  | -17.68 | Peak   |
| 2 | pp | 5250.000 | 8.52 | 34.43 | 42.24            | 89.93 | 90.64  | 68.20  | 22.44  | Peak   |
| 3 |    | 5360.957 | 8.65 | 34.49 | 42.16            | 56.01 | 56.99  | 74.00  | -17.01 | Peak   |



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Test mode: 802.11ac(HT160)\_MIMO Frequency(MHz): 5250 Average Horizontal



Site : chamber

Condition: 3m HORIZONTAL

: 06549RG Job No

Mode : 5250 Band edge Note : 5G WiFi 11AC 160

Antenna : MIMO

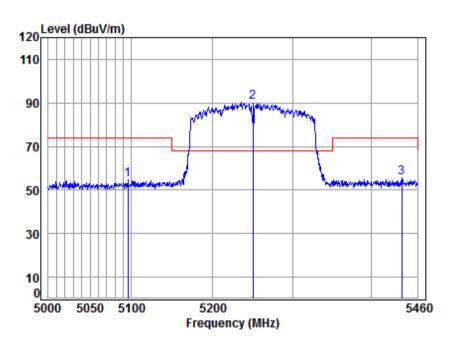
|   | Freq                             |      |       | Preamp<br>Factor |       |        |        |    | Remark  |  |
|---|----------------------------------|------|-------|------------------|-------|--------|--------|----|---------|--|
|   | MHz                              | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB |         |  |
| 2 | 5146.895<br>5250.000<br>5410.728 | 8.52 | 34.43 | 42.24            | 82.41 | 83.12  |        |    | Average |  |



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Test mode: | 802.11ac(HT160)\_MIMO | Frequency(MHz): | 5250 | Peak | Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5250 Band edge Note : 5G WiFi 11AC 160

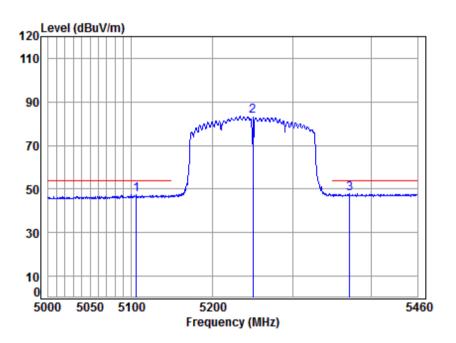
|   |    | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|---|----|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|   | -  | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1 |    | 5095.961 | 8.24 | 34.28 | 42.41            | 54.44 | 54.55  | 74.00  | -19.45 | Peak   |
| 2 | pp | 5250.000 | 8.46 | 34.39 | 42.28            | 89.57 | 90.14  | 68.20  | 21.94  | Peak   |
| 3 |    | 5439.376 | 8.76 | 34.55 | 42.09            | 54.65 | 55.87  | 74.00  | -18.13 | Peak   |



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Test mode: 802.11ac(HT160)\_MIMO Frequency(MHz): 5250 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5250 Band edge Note : 5G WiFi 11AC 160

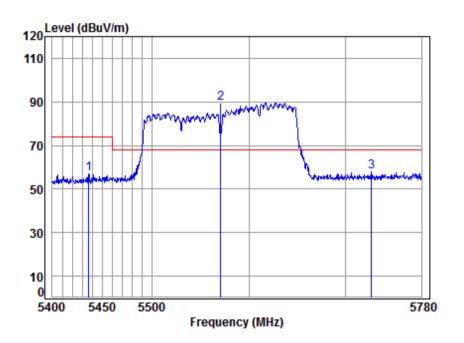
|         |         |      |        | Preamp |       |        |        |       |         |
|---------|---------|------|--------|--------|-------|--------|--------|-------|---------|
|         | Freq    | Loss | Factor | Factor | Level | Level  | Line   | Limit | Remark  |
|         |         |      |        |        |       |        |        |       |         |
|         | MHZ     | dВ   | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB    |         |
| 1 51    | 106.287 | 8.26 | 34.29  | 42.40  | 47.37 | 47.52  | 54.00  | -6.48 | Average |
| 2 52    | 250.000 | 8.45 | 34.39  | 42.28  | 82.72 | 83.28  |        |       | Average |
| 3 pp 53 | 372.293 | 8.66 | 34.50  | 42.15  | 46.80 | 47.81  | 54.00  | -6.19 | Average |



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Test mode: 802.11ac(HT160)\_MIMO Frequency(MHz): 5570 Peak Vertical



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5570 Band edge Note : 5G WiFi 11AC 160

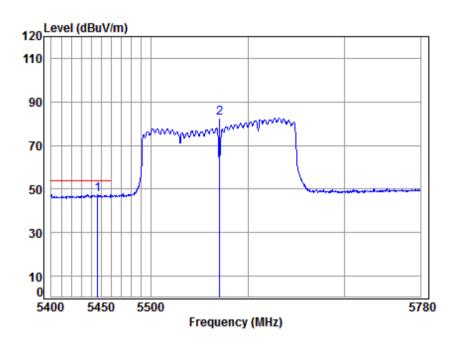
|      | Freq     |      |       | Preamp<br>Factor |       |        |        |        | Remark |
|------|----------|------|-------|------------------|-------|--------|--------|--------|--------|
|      | MHz      | dB   | dB/m  | dB               | dBuV  | dBuV/m | dBuV/m | dB     |        |
| 1    | 5436.478 | 8.76 | 34.55 | 42.09            | 55.98 | 57.20  | 74.00  | -16.80 | Peak   |
| 2 pp | 5570.000 | 9.34 | 34.74 | 41.91            | 87.44 | 89.61  | 68.20  | 21.41  | Peak   |
| 3    | 5727.179 | 9.65 | 34.83 | 41.84            | 55.23 | 57.87  | 68.20  | -10.33 | Peak   |



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Test mode: 802.11ac(HT160)\_MIMO Frequency(MHz): 5570 Average Vertical



Site : chamber

Condition: 3m HORIZONTAL

Job No : 06549RG

Mode : 5570 Band edge Note : 5G WiFi 11AC 160

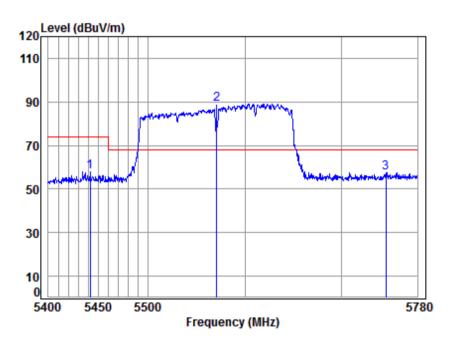
|   | Freq                 |    |      | Preamp<br>Factor |      |        |        |    |   |   |
|---|----------------------|----|------|------------------|------|--------|--------|----|---|---|
| - | MHz                  | dB | dB/m | dB               | dBuV | dBuV/m | dBuV/m | dB |   | _ |
|   | 5446.469<br>5570.000 |    |      |                  |      |        |        |    | _ |   |



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Test mode: | 802.11ac(HT160)\_MIMO | Frequency(MHz): | 5570 | Peak | Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5570 Band edge Note : 5G WiFi 11AC 160

Antenna : MIMO

1 2 3

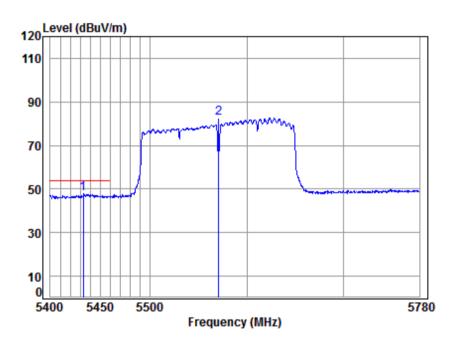
|   |    |          | Cable | Ant    | Preamp | Read  |        | Limit  | 0ver   |        |   |
|---|----|----------|-------|--------|--------|-------|--------|--------|--------|--------|---|
|   |    | Freq     | Loss  | Factor | Factor | Level | Level  | Line   | Limit  | Remark |   |
|   |    |          |       |        |        |       |        |        |        |        | _ |
|   |    | MHz      | dB    | dB/m   | dB     | dBuV  | dBuV/m | dBuV/m | dB     |        |   |
|   |    |          |       |        |        |       |        |        |        |        |   |
|   |    | 5442.026 | 8.77  | 34.56  | 42.09  | 56.72 | 57.96  | 74.00  | -16.04 | Peak   |   |
| ) | pp | 5570.000 | 9.27  | 34.72  | 41.93  | 87.05 | 89.11  | 68.20  | 20.91  | Peak   |   |
| ; |    | 5746.686 | 9.72  | 34.85  | 41.82  | 54.74 | 57.49  | 68.20  | -10.71 | Peak   |   |



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Test mode: 802.11ac(HT160)\_MIMO Frequency(MHz): 5570 Average Vertical



Site : chamber Condition: 3m VERTICAL

Job No : 06549RG

Mode : 5570 Band edge Note : 5G WiFi 11AC 160

Antenna : MIMO

Limit Cable Ant Preamp Read Over Loss Factor Factor Level Level Line Limit Remark Freg MHz dΒ dB/m dB dBuV dBuV/m dBuV/m dB 1 pp 5433.152 8.75 34.55 42.09 46.59 47.80 54.00 -6.20 Average 9.30 34.73 41.92 80.43 82.54 ----- Average 5570.000



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Note:

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor

All modes have been tested, but only the worst case data displayed in this report.

#### 5.9 Frequencies Stability

Frequency Error vs. Voltage:

|                            | Measured Frequency (MHz) |
|----------------------------|--------------------------|
| Test Conditions            | 5180                     |
| V nom(V)                   | 5180.004921              |
| V max(V)                   | 5180.012335              |
| V min(V)                   | 5180.009081              |
| Max. Deviation Frequency   | 0.012335                 |
| Max. Frequency Error (ppm) | 2.381351                 |

Frequency Error vs. Temperature:

| <b>Test Conditions</b>     | Measured Frequency (MHz) |
|----------------------------|--------------------------|
| (°C)                       | 5180                     |
| -5                         | 5180.006314              |
| 5                          | 5180.007751              |
| 15                         | 5180.007733              |
| 25                         | 5180.013151              |
| 35                         | 5180.012867              |
| 45                         | 5180.011759              |
| 50                         | 5180.003918              |
| Max. Deviation Frequency   | 0.013151                 |
| Max. Frequency Error (ppm) | 2.538894                 |



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Frequency Error vs. Voltage:

| <b>Test Conditions</b>     | Measured Frequency (MHz) |
|----------------------------|--------------------------|
|                            | 5825                     |
| V nom(V)                   | 5825.007955              |
| V max(V)                   | 5825.008627              |
| V min(V)                   | 5825.006371              |
| Max. Deviation Frequency   | 0.008627                 |
| Max. Frequency Error (ppm) | 1.480957                 |

Frequency Error vs. Temperature:

| Test Conditions            | Measured Frequency (MHz) |
|----------------------------|--------------------------|
| (°C)                       | 5825                     |
| -5                         | 5825.009856              |
| 5                          | 5825.002400              |
| 15                         | 5825.010544              |
| 25                         | 5825.015275              |
| 35                         | 5825.022038              |
| 45                         | 5825.002795              |
| 50                         | 5824.998131              |
| Max. Deviation Frequency   | 0.022038                 |
| Max. Frequency Error (ppm) | 3.783428                 |



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# 5.10 (DFS: Channel Move Time; DFS: Channel Closing Transmission Time)

5.10.1 DFS: Non-occupancy period

Test Requirement KDB 905462 D02 Section 5.1 Test Method: KDB 905462 D02 Section 7.8.3

Limit: Minimum 30 minutes

#### **5.10.1.1 E.U.T. Operation**

**Operating Environment:** 

Temperature: 24 °C Humidity: 52 % RH Atmospheric Pressure: 101.3 KPa

Test mode g:TX mode (Band 2C)\_Keep the EUT in continuously transmitting mode with all

modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40);data rate @ MCS0 is the worst case of IEEE

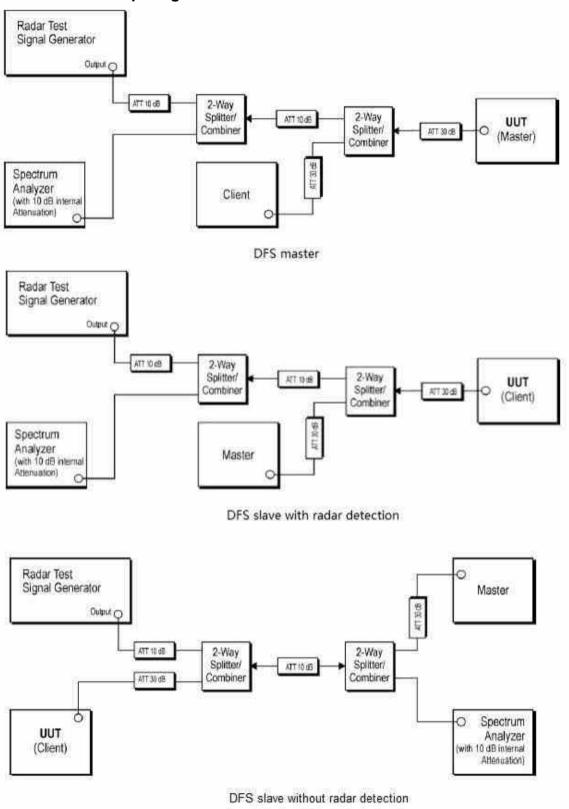
802.11n(HT80); Only the data of worst case is recorded in the report.



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#### 5.10.1.2 Test Setup Diagram



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#### 5.10.1.3 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

The detailed test data see: Appendix 15.407



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5.10.2 DFS: Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1 Test Method: KDB 905462 D02 Section 7.8.3

Limit: 10 seconds(should be performed with Radar Type 0. The measurement

timing begins at the end of the Radar Type 0 burst)

#### **5.10.2.1 E.U.T. Operation**

Operating Environment:

Temperature: 24 °C Humidity: 52 % RH Atmospheric Pressure: 101.3 KPa Pretest these f:TX mode (Band 2A)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @

MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11n(HT80); Only the data of worst case is recorded in the report.

g:TX mode (Band 2C)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst

case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11n(HT80); Only the data of worst case is recorded in the report.

The worst case for final test:

f:TX mode (Band 2A)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40);data rate @ MCS0 is the worst case of IEEE 802.11n(HT80); Only the data of worst case is recorded in the report. g:TX mode (Band 2C) Keep the EUT in continuously transmitting mode with all

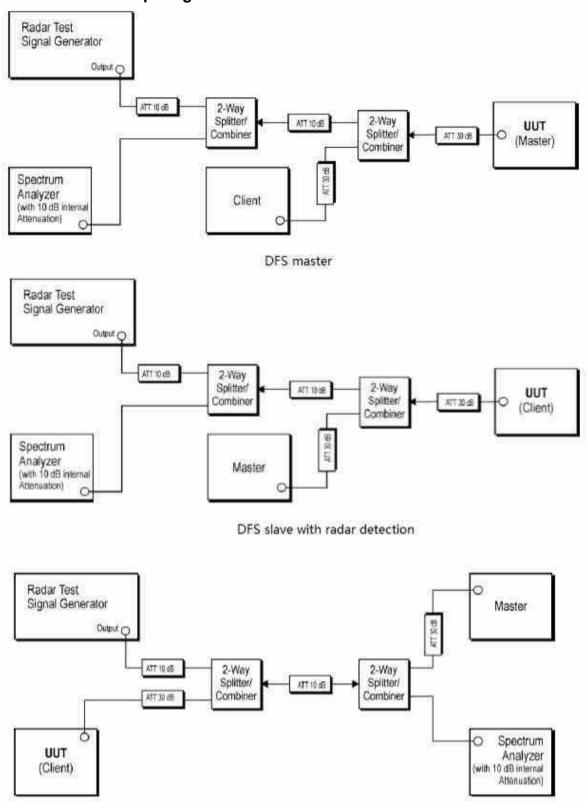
modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40);data rate @ MCS0 is the worst case of IEEE 802.11n(HT80); Only the data of worst case is recorded in the report.



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#### 5.10.2.2 Test Setup Diagram



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#### 5.10.2.3 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

The detailed test data see: Appendix 15.407



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5.10.3 DFS: Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1 Test Method: KDB 905462 D02 Section 7.8.3

Limit: 200 milliseconds + an aggregate of 60 milliseconds over remaining 10

second period(should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. It is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count guiet periods

in between transmissions)

#### **5.10.3.1 E.U.T. Operation**

Operating Environment:

Temperature: 24 °C Humidity: 52 % RH Atmospheric Pressure: 101.3 KPa Pretest these f:TX mode (Band 2A)\_Keep the EUT in continuously transmitting mode with all

modes to find modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst

case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE

802.11n(HT80); Only the data of worst case is recorded in the report. g:TX mode (Band 2C)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @

found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE

802.11n(HT80); Only the data of worst case is recorded in the report.

The worst case for final test:

f:TX mode (Band 2A)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11n(HT80); Only the data of worst case is recorded in the report.

g:TX mode (Band 2C)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40);data rate @ MCS0 is the worst case of IEEE

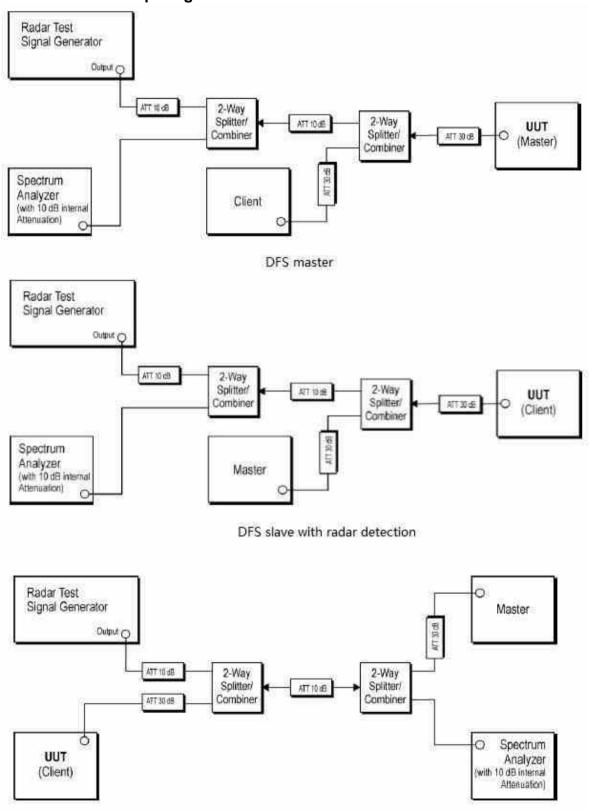
802.11n(HT80); Only the data of worst case is recorded in the report.



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#### 5.10.3.2 Test Setup Diagram



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#### 5.10.3.3 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

The detailed test data see: Appendix 15.407



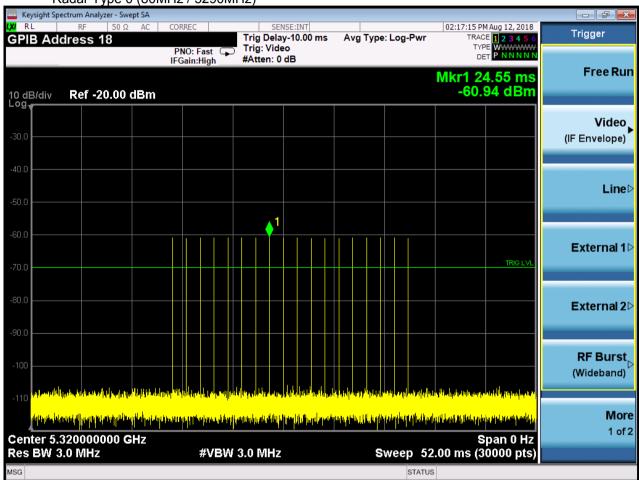
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#### 5.10.4 Test plots as follows:

#### 5.10.4.1 Radar Waveform Calibration Result

Radar Type 0 (80MHz / 5290MHz)





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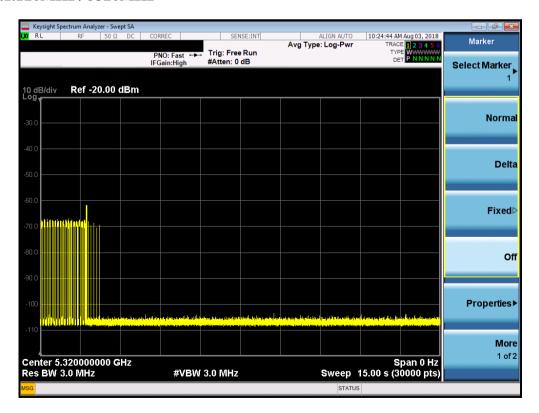
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#### 5.10.4.2 Test Data:

| BW/Channel          | Test Item                         | Test Result | Limit | Results |
|---------------------|-----------------------------------|-------------|-------|---------|
| 201411- /           | Channel Move Time                 | 0.454       | <10s  | Pass    |
| 20MHz /<br>5320MHz  | Channel Closing Transmission Time | 2.0         | <60ms | Pass    |
| 000411-7            | Channel Move Time                 | 0.435       | <10s  | Pass    |
| 20MHz /<br>5510MHz  | Channel Closing Transmission Time | 3.0         | <60ms | Pass    |
| 000411              | Channel Move Time                 | 0.481       | <10s  | Pass    |
| 80MHz /<br>5290MHz  | Channel Closing Transmission Time | 1.5         | <60ms | Pass    |
| 4000411- /          | Channel Move Time                 | 1.475       | <10s  | Pass    |
| 160MHz /<br>5570MHz | Channel Closing Transmission Time | 3.0         | <60ms | Pass    |

#### 5.10.4.2.1 Test plots as follows:

#### 5.10.4.2.1.120MHz / 5320MHz

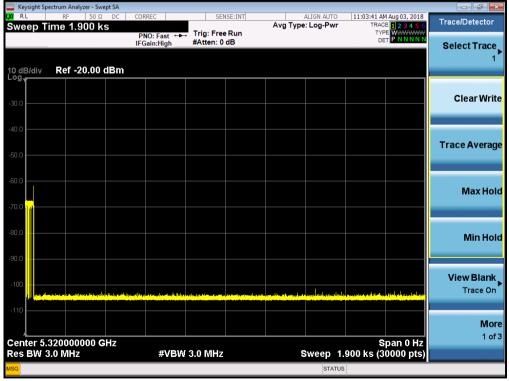




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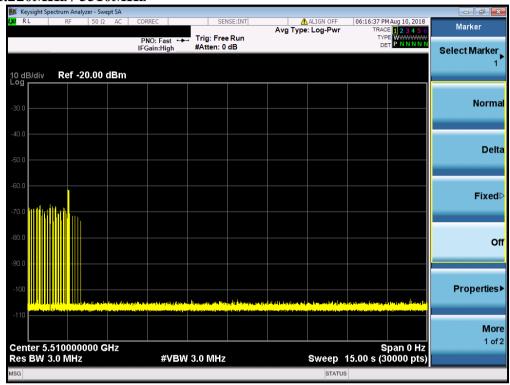


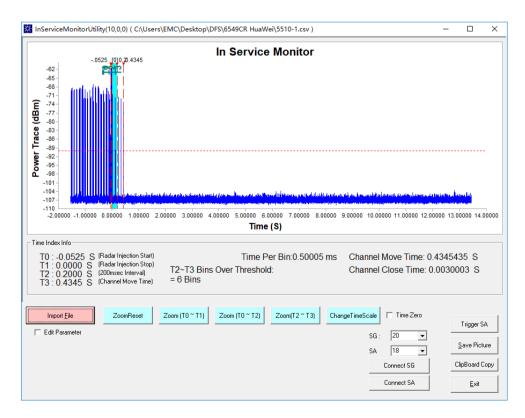


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#### 5.10.4.2.1.220MHz / 5510MHz

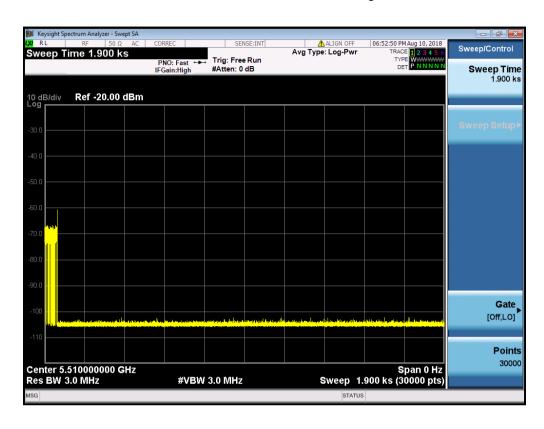




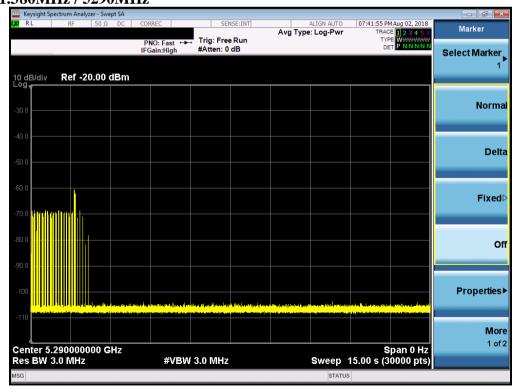


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#### 5.10.4.2.1.380MHz / 5290MHz



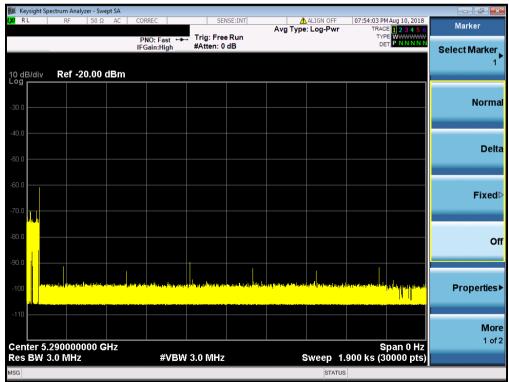
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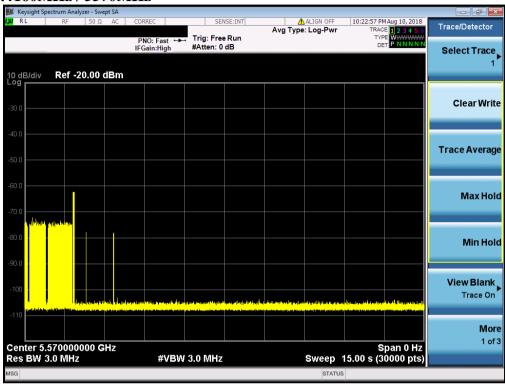




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#### 5.10.4.2.1.4160MHz / 5570MHz

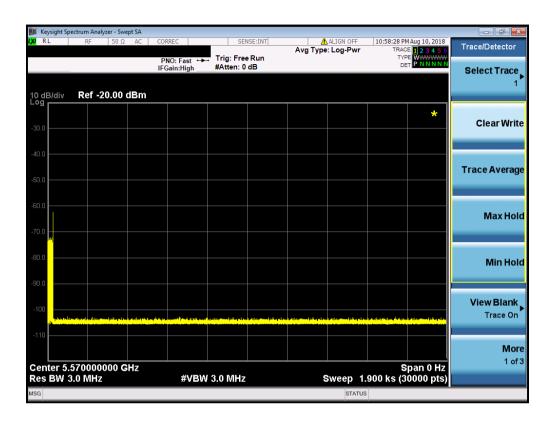






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#### 5.11 Measurement Uncertainty (95% confidence levels, k=2)

| No. | Item                            | Measurement Uncertainty |
|-----|---------------------------------|-------------------------|
| 1   | Total RF power, conducted       | ±0.75dB                 |
| 2   | RF power density, conducted     | ±2.84dB                 |
| 3   | Spurious emissions, conducted   | ±0.75dB                 |
|     |                                 | ±4.5dB (30MHz-1GHz)     |
| 4   | Radiated Spurious emission test | ±4.8dB (1GHz-25GHz)     |
| 5   | Conduct emission test           | ±3.12 dB(9KHz- 30MHz)   |
| 6   | Temperature test                | ±1°C                    |
| 7   | Humidity test                   | ±3%                     |
| 8   | DC and low frequency voltages   | ±0.5%                   |



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#### 5.12 Equipment List

|      | Conducted Emission |                                    |                     |               |                           |                               |  |  |  |
|------|--------------------|------------------------------------|---------------------|---------------|---------------------------|-------------------------------|--|--|--|
| Item | Test Equipment     | Manufacturer                       | Model No.           | Inventory No. | Cal. Date<br>(yyyy-mm-dd) | Cal. Due date<br>(yyyy-mm-dd) |  |  |  |
| 1    | Shielding Room     | ZhongYu Electron                   | GB-88               | SEM001-06     | 2018/03/10                | 2019/03/09                    |  |  |  |
| 2    | LISN               | Rohde & Schwarz                    | ENV216              | SEM007-01     | 2017/10/09                | 2018/10/09                    |  |  |  |
| 3    | LISN               | ETS-LINDGREN                       | 3816/2              | SEM007-02     | 2018/02/14                | 2019/02/13                    |  |  |  |
| 4    | 8 Line ISN         | Fischer Custom Communications Inc. | FCC-TLISN-T8-<br>02 | EMC0120       | 2017/09/28                | 2018/09/28                    |  |  |  |
| 5    | 4 Line ISN         | Fischer Custom Communications Inc. | FCC-TLISN-T4-<br>02 | EMC0121       | 2017/09/28                | 2018/09/28                    |  |  |  |
| 6    | 2 Line ISN         | Fischer Custom Communications Inc. | FCC-TLISN-T2-<br>02 | EMC0122       | 2017/09/28                | 2018/09/28                    |  |  |  |
| 7    | EMI Test Receiver  | Rohde & Schwarz                    | ESCI                | SEM004-02     | 2018/02/14                | 2019/02/13                    |  |  |  |
| 8    | DC Power Supply    | Zhao Xin                           | RXN-305D            | SEM011-02     | 2017/10/09                | 2018/10/09                    |  |  |  |

|      | RF connected test                                |                             |           |               |                           |                               |  |  |
|------|--|-----------------------------|-----------|---------------|---------------------------|-------------------------------|--|--|
| Item | Test Equipment                                   | Manufacturer                | Model No. | Inventory No. | Cal. Date<br>(yyyy-mm-dd) | Cal. Due date<br>(yyyy-mm-dd) |  |  |
| 1    | Dual Output Mobile<br>Communication DC<br>Source | Agilent<br>Technologies Inc | 66311B    | W009-09       | 2018/04/28                | 2019/04/28                    |  |  |
| 2    | Signal Analyzer                                  | Rohde &Schwarz              | FSV       | W025-02       | 2018/03/13                | 2019/03/12                    |  |  |
| 3    | Signal Generator                                 | Rohde &Schwarz              | SML03     | SEM006-02     | 2018/02/14                | 2019/02/13                    |  |  |
| 4    | Power Meter                                      | Rohde &Schwarz              | NRVS      | SEM014-02     | 2017/10/09                | 2018/10/09                    |  |  |
| 5    | Power Sensor                                     | Agilent Technologies        | U2021XA   | SEM009-01     | 2017/10/09                | 2018/10/09                    |  |  |



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|      | RE in Chamber                     |                                    |             |               |                        |                            |  |  |
|------|-----------------------------------|------------------------------------|-------------|---------------|------------------------|----------------------------|--|--|
| Item | Test Equipment                    | Manufacturer                       | Model No.   | Inventory No. | Cal. Date (yyyy-mm-dd) | Cal. Due date (yyyy-mm-dd) |  |  |
| 1    | 3m Semi-Anechoic<br>Chamber       | ETS-LINDGREN                       | N/A         | SEM001-01     | 2018/03/10             | 2019/03/09                 |  |  |
| 2    | EMI Test Receiver                 | Agilent Technologies               | N9038A      | SEM004-05     | 2017/10/09             | 2018/10/09                 |  |  |
| 3    | BiConiLog Antenna<br>(26-3000MHz) | ETS-LINDGREN                       | 3142C       | SEM003-01     | 2017/11/01             | 2020/11/01                 |  |  |
| 4    | Double-ridged horn (1-18GHz)      | ETS-LINDGREN                       | 3117        | SEM003-11     | 2015/10/17             | 2018/10/17                 |  |  |
| 5    | Horn Antenna<br>(18-26GHz)        | ETS-LINDGREN                       | 3160        | SEM003-12     | 2017/11/24             | 2020/11/24                 |  |  |
| 6    | Pre-amplifier<br>(0.1-1300MHz)    | Agilent Technologies               | 8447D       | SEM005-01     | 2018/02/14             | 2019/02/13                 |  |  |
| 7    | Pre-Amplifier<br>(0.1-26.5GHz)    | Compliance Directions Systems Inc. | PAP-0126    | SEM004-10     | 2017/10/17             | 2018/10/17                 |  |  |
| 8    | Pre-Amplifier<br>(26GHz-40GHz)    | Compliance Directions Systems Inc. | PAP-2640-50 | SEM005-08     | 2018/03/14             | 2019/03/14                 |  |  |
| 9    | Band filter                       | Amindeon                           | Asi 3314    | SEM023-01     | N/A                    | N/A                        |  |  |
| 10   | DC Power Supply                   | Zhao Xin                           | RXN-305D    | SEM011-02     | 2017/10/09             | 2018/10/09                 |  |  |
| 11   | Loop Antenna                      | Beijing Daze                       | ZN30401     | SEM003-09     | 2018/03/10             | 2019/030/9                 |  |  |

|      | RE in Chamber                         |                         |           |               |                        |                               |  |  |  |
|------|---------------------------------------|-------------------------|-----------|---------------|------------------------|-------------------------------|--|--|--|
| Item | Test Equipment                        | Manufacturer            | Model No. | Inventory No. | Cal. Date (yyyy-mm-dd) | Cal. Due date<br>(yyyy-mm-dd) |  |  |  |
| 1    | 10m Semi-Anechoic<br>Chamber          | SAEMC                   | FSAC1018  | SEM001-03     | 2018/03/10             | 2019/03/09                    |  |  |  |
| 2    | EMI Test Receiver<br>(9k-7GHz)        | Rohde &<br>Schwarz      | ESR       | SEM004-03     | 2018/02/14             | 2019/02/13                    |  |  |  |
| 3    | Trilog-Broadband<br>Antenna(30M-1GHz) | Schwarzbeck             | VULB9168  | SEM003-18     | 2016/06/29             | 2019/06/29                    |  |  |  |
| 4    | Pre-amplifier                         | Sonoma<br>Instrument Co | 310N      | SEM005-03     | 2018/04/28             | 2019/04/28                    |  |  |  |
| 5    | .Loop Antenna                         | ETS-Lindgren            | 6502      | SEM003-08     | 2018/08/14             | 2021/08/14                    |  |  |  |



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|      | RE in Chamber                     |                                    |                       |               |                           |                            |  |
|------|-----------------------------------|------------------------------------|-----------------------|---------------|---------------------------|----------------------------|--|
| Item | Test Equipment                    | Manufacturer                       | Model No.             | Inventory No. | Cal. Date<br>(yyyy-mm-dd) | Cal. Due date (yyyy-mm-dd) |  |
| 1    | 3m Semi-Anechoic<br>Chamber       | AUDIX                              | N/A                   | SEM001-02     | 20180/3/10                | 2019/03/09                 |  |
| 2    | EXA Spectrum<br>Analyzer          | Agilent Technologies Inc           | N9010A                | SEM004-09     | 2018/06/18                | 2019/06/17                 |  |
| 3    | BiConiLog Antenna<br>(26-3000MHz) | ETS-Lindgren                       | 3142C                 | SEM003-02     | 2017/11/15                | 2020/11/15                 |  |
| 4    | Amplifier<br>(0.1-1300MHz)        | HP                                 | 8447D                 | SEM005-02     | 2017/10/09                | 2018/10/09                 |  |
| 5    | Horn Antenna<br>(1-18GHz)         | Rohde & Schwarz                    | HF907                 | SEM003-07     | 2018/05/14                | 2020/05/13                 |  |
| 6    | Horn Antenna<br>(18-26GHz)        | ETS-Lindgren                       | 3160                  | SEM003-12     | 2017/11/24                | 2020/11/24                 |  |
| 7    | HornAntenna<br>(26GHz-40GHz)      | A.H.Systems, inc.                  | SAS-573               | SEM003-13     | 2017/10/17                | 2020/10/16                 |  |
| 8    | Low Noise Amplifier               | Black Diamond<br>Series            | BDLNA-0118-<br>352810 | SEM005-05     | 2017/10/09                | 2018/10/09                 |  |
| 9    | Pre-amplifier<br>(0.1-1300MHz)    | Agilent Technologies               | 8447D                 | SEM005-01     | 2018/02/14                | 2019/02/13                 |  |
| 10   | Pre-Amplifier<br>(0.1-26.5GHz)    | Compliance Directions Systems Inc. | PAP-0126              | SEM004-10     | 2017/10/17                | 2018/10/17                 |  |
| 11   | Pre-Amplifier<br>(26GHz-40GHz)    | Compliance Directions Systems Inc. | PAP-2640-50           | SEM005-08     | 2018/03/14                | 2019/03/14                 |  |
| 12   | Band filter                       | Amindeon                           | Asi 3314              | SEM023-01     | N/A                       | N/A                        |  |

#### 6 Photographs - EUT Test Setup Details

Refer to Appendix A - Photographs of EUT Test Setup Details for SZEM1807006549RG.

The End