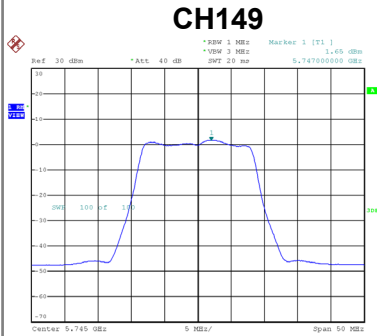
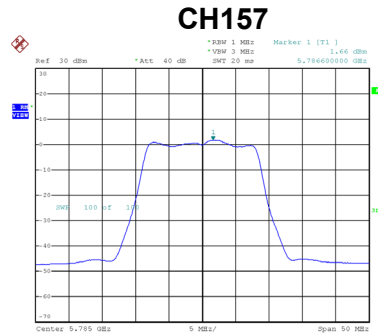


Test Mode UNII-3_TX A Mode_Ant. 3

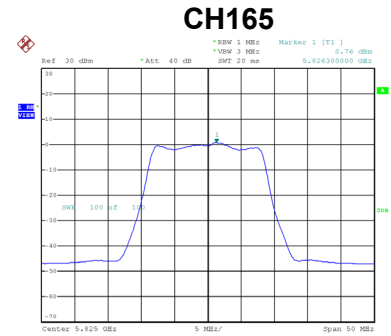
| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 149 | 5745 | 1.65 | 0.13 | 1.78 | 27.23 | Complies |
| 157 | 5785 | 1.66 | 0.13 | 1.79 | 27.23 | Complies |
| 165 | 5825 | 0.76 | 0.13 | 0.89 | 27.23 | Complies |



Date: 30.SEP.2019 08:04:26



Date: 30.SEP.2019 08:04:47



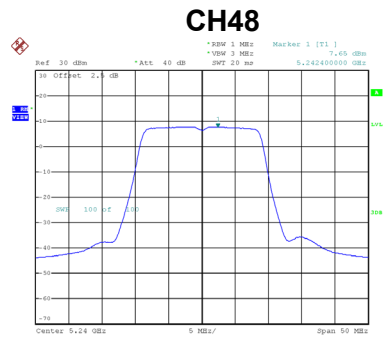
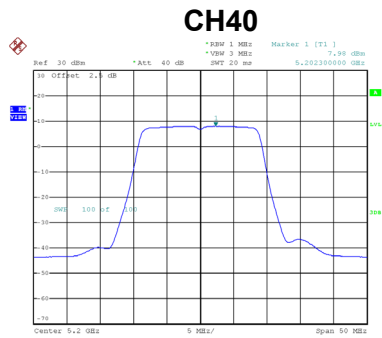
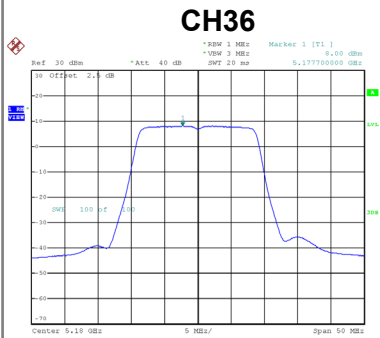
Date: 30.SEP.2019 08:05:27

Test Mode UNII-3_TX A Mode_Total

| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|--------------------------|----------|
| 149 | 5745 | 6.46 | 27.23 | Complies |
| 157 | 5785 | 6.19 | 27.23 | Complies |
| 165 | 5825 | 5.14 | 27.23 | Complies |

Test Mode UNII-1_TX AC (VHT20) Mode_Ant. 1

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 36 | 5180 | 8.00 | 0.00 | 8.00 | 14.23 | Complies |
| 40 | 5200 | 7.98 | 0.00 | 7.98 | 14.23 | Complies |
| 48 | 5240 | 7.65 | 0.00 | 7.65 | 14.23 | Complies |



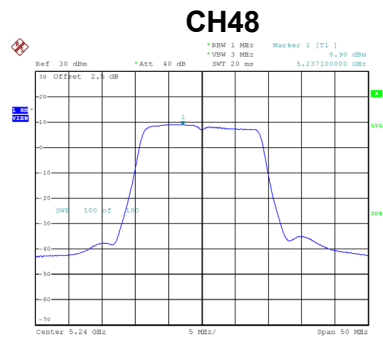
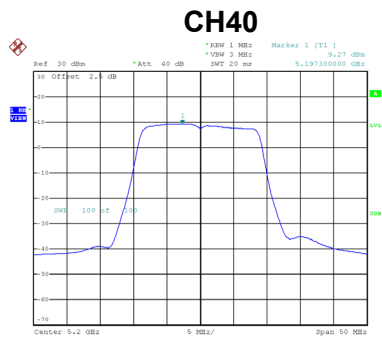
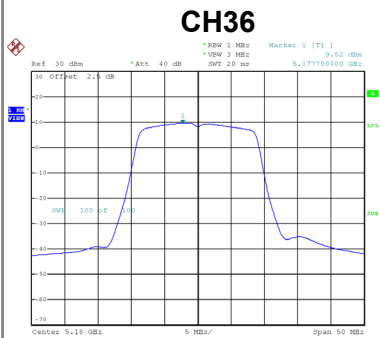
Date: 20.JUL.2019 15:35:10

Date: 20.JUL.2019 15:49:20

Date: 20.JUL.2019 15:51:25

Test Mode UNII-1_TX AC (VHT20) Mode_Ant. 2

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 36 | 5180 | 9.52 | 0.00 | 9.52 | 14.23 | Complies |
| 40 | 5200 | 9.27 | 0.00 | 9.27 | 14.23 | Complies |
| 48 | 5240 | 8.90 | 0.00 | 8.90 | 14.23 | Complies |



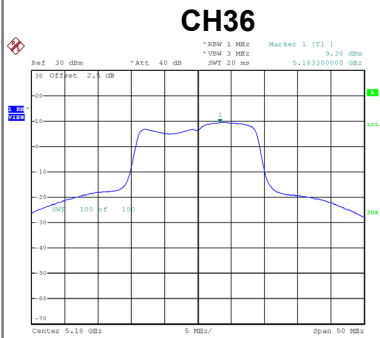
Date: 20.JUL.2019 15:35:31

Date: 20.JUL.2019 15:49:49

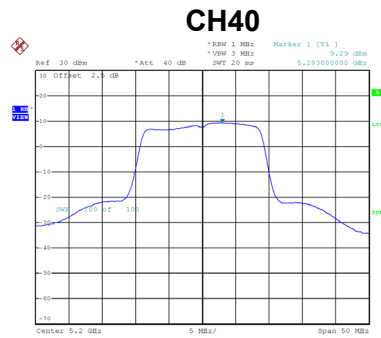
Date: 20.JUL.2019 15:52:04

Test Mode UNII-1_TX AC (VHT20) Mode_Ant. 3

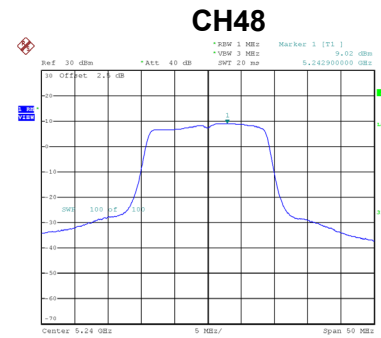
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 36 | 5180 | 9.38 | 0.00 | 9.38 | 14.23 | Complies |
| 40 | 5200 | 9.29 | 0.00 | 9.29 | 14.23 | Complies |
| 48 | 5240 | 9.02 | 0.00 | 9.02 | 14.23 | Complies |



Date: 20.JUL.2019 15:36:10



Date: 20.JUL.2019 15:50:12



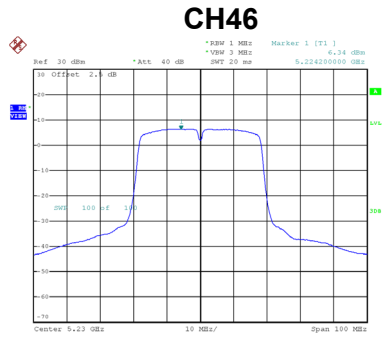
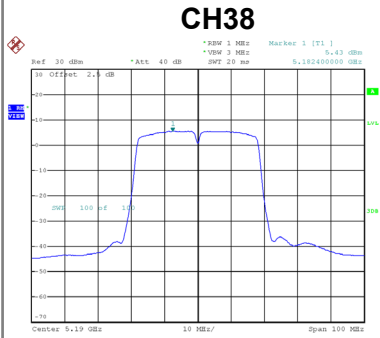
Date: 20.JUL.2019 15:52:25

Test Mode UNII-1_TX AC (VHT20) Mode_Total

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|----------------------|----------|
| 36 | 5180 | 13.79 | 14.23 | Complies |
| 40 | 5200 | 13.66 | 14.23 | Complies |
| 48 | 5240 | 13.34 | 14.23 | Complies |

Test Mode UNII-1_TX AC (VHT40) Mode_Ant. 1

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 38 | 5190 | 5.43 | 0.13 | 5.56 | 14.23 | Complies |
| 46 | 5230 | 6.34 | 0.13 | 6.47 | 14.23 | Complies |

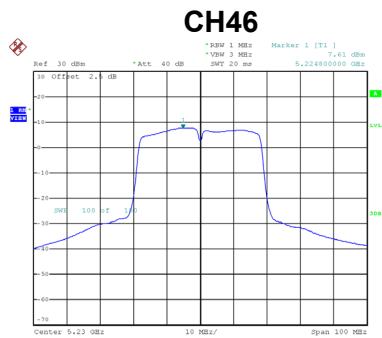
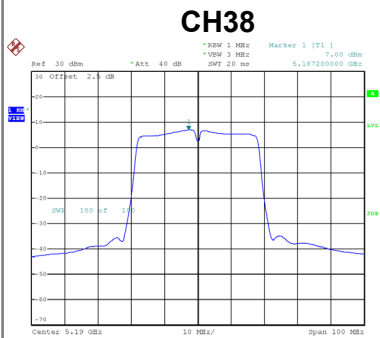


Date: 20_JUL.2019 15:56:01

Date: 20_JUL.2019 16:03:05

Test Mode UNII-1_TX AC (VHT40) Mode_Ant. 2

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 38 | 5190 | 7.00 | 0.13 | 7.13 | 14.23 | Complies |
| 46 | 5230 | 7.61 | 0.13 | 7.74 | 14.23 | Complies |

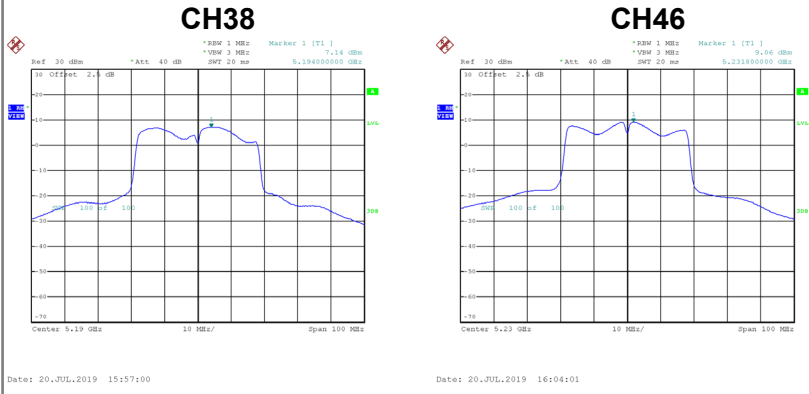


Date: 20_JUL.2019 15:56:33

Date: 20_JUL.2019 16:04:56

| | |
|-----------|----------------------------------|
| Test Mode | UNII-1_TX AC (VHT40) Mode_Ant. 3 |
|-----------|----------------------------------|

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 38 | 5190 | 7.14 | 0.13 | 7.27 | 14.23 | Complies |
| 46 | 5230 | 9.06 | 0.13 | 9.19 | 14.23 | Complies |

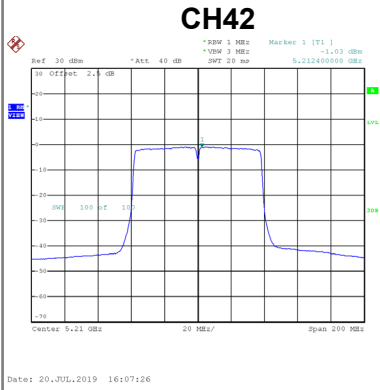


| | |
|-----------|---------------------------------|
| Test Mode | UNII-1_TX AC (VHT40) Mode_Total |
|-----------|---------------------------------|

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|----------------------|----------|
| 38 | 5190 | 11.49 | 14.23 | Complies |
| 46 | 5230 | 12.71 | 14.23 | Complies |

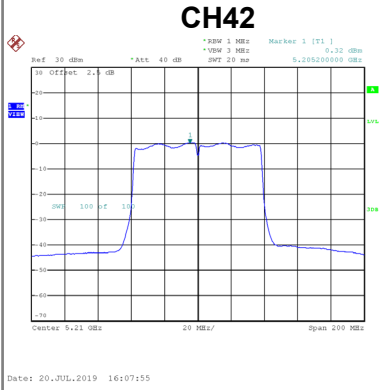
Test Mode UNII-1_TX AC (VHT80) Mode_Ant. 1

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 42 | 5210 | -1.03 | 0.24 | -0.79 | 14.23 | Complies |



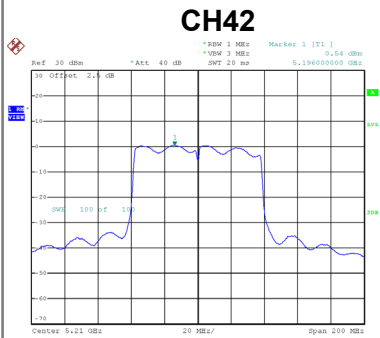
Test Mode UNII-1_TX AC (VHT80) Mode_Ant. 2

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 42 | 5210 | 0.32 | 0.24 | 0.56 | 14.23 | Complies |



| | |
|-----------|----------------------------------|
| Test Mode | UNII-1_TX AC (VHT80) Mode_Ant. 3 |
|-----------|----------------------------------|

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 42 | 5210 | 0.54 | 0.24 | 0.78 | 14.23 | Complies |

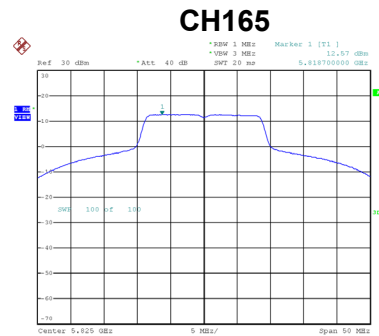
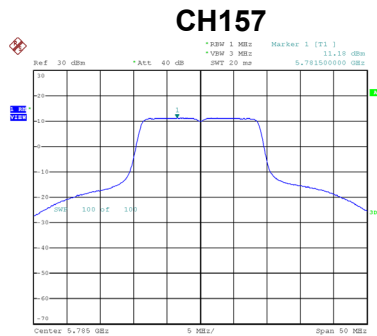
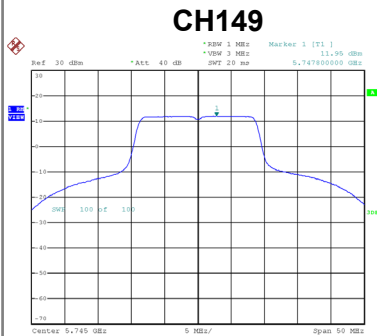


| | |
|-----------|---------------------------------|
| Test Mode | UNII-1_TX AC (VHT80) Mode_Total |
|-----------|---------------------------------|

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|----------------------|----------|
| 42 | 5210 | 5.01 | 14.23 | Complies |

Test Mode UNII-3_TX AC (VHT20) Mode_Ant. 1

| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 149 | 5745 | 11.95 | 0.00 | 11.95 | 27.23 | Complies |
| 157 | 5785 | 11.18 | 0.00 | 11.18 | 27.23 | Complies |
| 165 | 5825 | 12.57 | 0.00 | 12.57 | 27.23 | Complies |



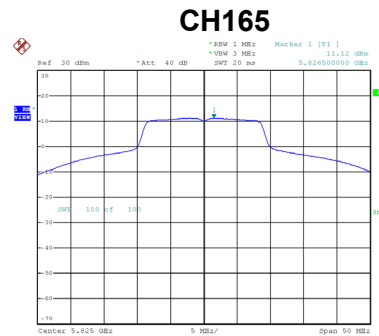
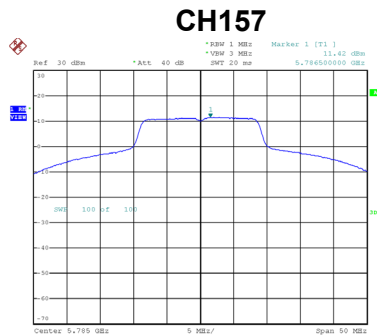
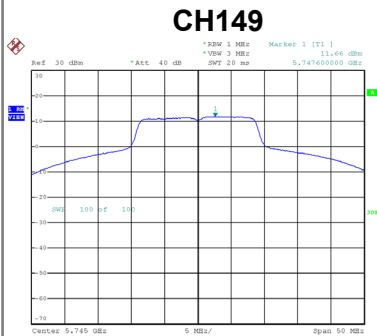
Date: 20.JUL.2019 16:24:51

Date: 20.JUL.2019 16:25:37

Date: 20.JUL.2019 16:26:24

Test Mode UNII-3_TX AC (VHT20) Mode_Ant. 2

| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 149 | 5745 | 11.66 | 0.00 | 11.66 | 27.23 | Complies |
| 157 | 5785 | 11.42 | 0.00 | 11.42 | 27.23 | Complies |
| 165 | 5825 | 11.12 | 0.00 | 11.12 | 27.23 | Complies |



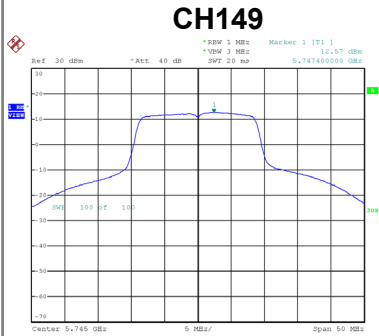
Date: 20.JUL.2019 16:27:28

Date: 20.JUL.2019 16:28:02

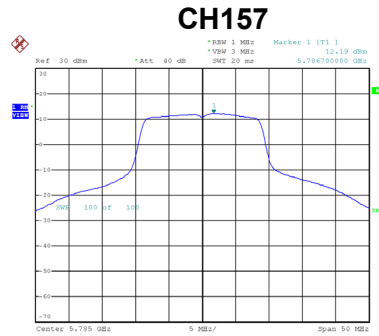
Date: 20.JUL.2019 16:28:41

| | |
|-----------|----------------------------------|
| Test Mode | UNII-3_TX AC (VHT20) Mode_Ant. 3 |
|-----------|----------------------------------|

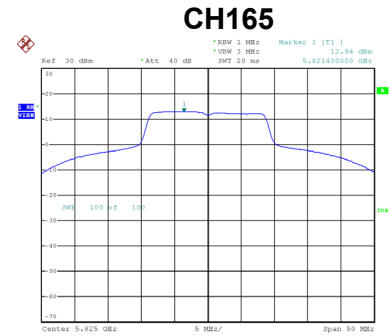
| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 149 | 5745 | 12.57 | 0.00 | 12.57 | 27.23 | Complies |
| 157 | 5785 | 12.19 | 0.00 | 12.19 | 27.23 | Complies |
| 165 | 5825 | 12.94 | 0.00 | 12.94 | 27.23 | Complies |



Date: 20.JUL.2019 16:29:33



Date: 20.JUL.2019 16:30:09



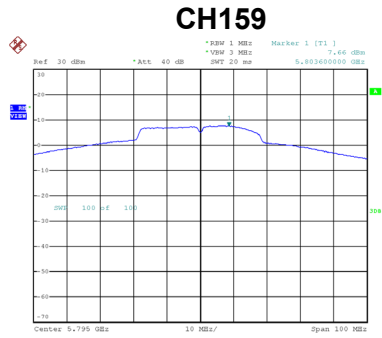
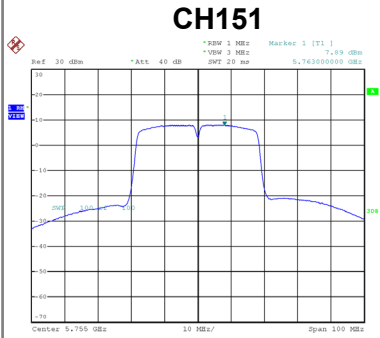
Date: 20.JUL.2019 16:30:59

| | |
|-----------|---------------------------------|
| Test Mode | UNII-3_TX AC (VHT20) Mode_Total |
|-----------|---------------------------------|

| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|--------------------------|----------|
| 149 | 5745 | 16.85 | 27.23 | Complies |
| 157 | 5785 | 16.39 | 27.23 | Complies |
| 165 | 5825 | 17.05 | 27.23 | Complies |

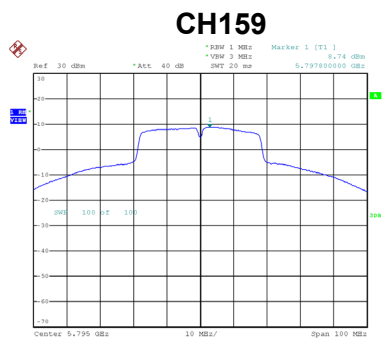
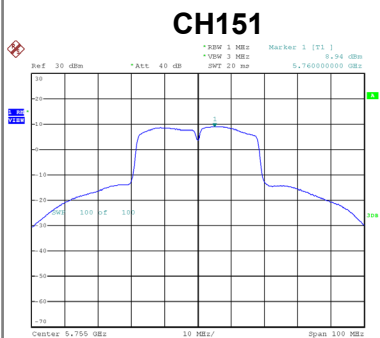
Test Mode UNII-3_TX AC (VHT40) Mode_Ant. 1

| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 151 | 5755 | 7.89 | 0.13 | 8.02 | 27.23 | Complies |
| 159 | 5795 | 7.66 | 0.13 | 7.79 | 27.23 | Complies |



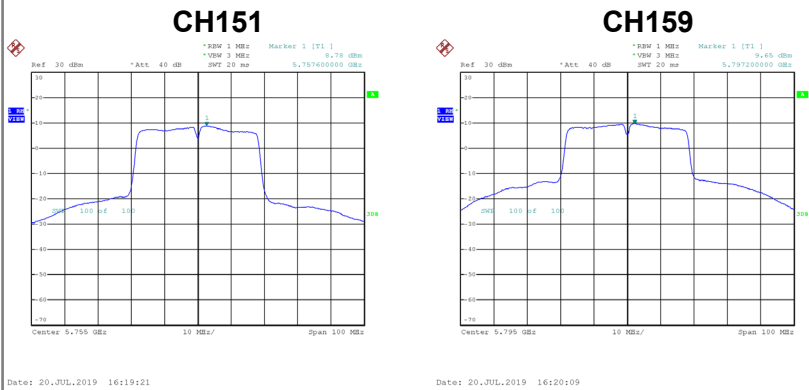
Test Mode UNII-3_TX AC (VHT40) Mode_Ant. 2

| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 151 | 5755 | 8.94 | 0.13 | 9.07 | 27.23 | Complies |
| 159 | 5795 | 8.74 | 0.13 | 8.87 | 27.23 | Complies |



Test Mode UNII-3_TX AC (VHT40) Mode_Ant. 3

| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 151 | 5755 | 8.78 | 0.13 | 8.91 | 27.23 | Complies |
| 159 | 5795 | 9.65 | 0.13 | 9.78 | 27.23 | Complies |

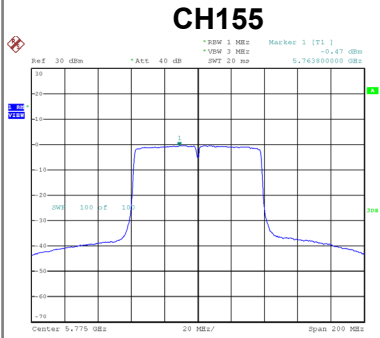


Test Mode UNII-3_TX AC (VHT40) Mode_Total

| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|--------------------------|----------|
| 151 | 5755 | 13.46 | 27.23 | Complies |
| 159 | 5795 | 13.66 | 27.23 | Complies |

Test Mode UNII-3_TX AC (VHT80) Mode_Ant. 1

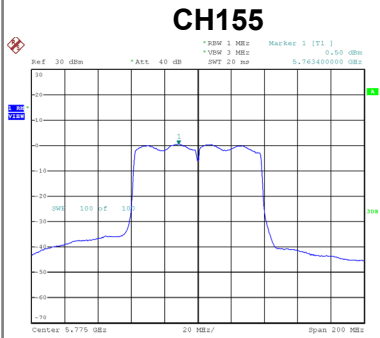
| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 155 | 5775 | -0.47 | 0.24 | -0.23 | 27.23 | Complies |



Date: 20_JUL.2019 16:11:07

Test Mode UNII-3_TX AC (VHT80) Mode_Ant. 2

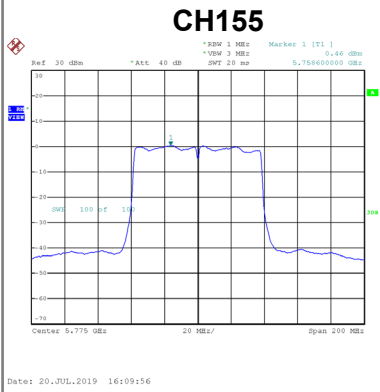
| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 155 | 5775 | 0.50 | 0.24 | 0.74 | 27.23 | Complies |



Date: 20_JUL.2019 16:10:22

| | |
|-----------|----------------------------------|
| Test Mode | UNII-3_TX AC (VHT80) Mode_Ant. 3 |
|-----------|----------------------------------|

| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 155 | 5775 | 0.46 | 0.24 | 0.70 | 27.23 | Complies |



| | |
|-----------|---------------------------------|
| Test Mode | UNII-3_TX AC (VHT80) Mode_Total |
|-----------|---------------------------------|

| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|--------------------------|----------|
| 155 | 5775 | 5.20 | 27.23 | Complies |

APPENDIX H - FREQUENCY STABILITY

| | |
|-----------|--------|
| Test Mode | UNII-1 |
|-----------|--------|

Voltage vs. Frequency Stability

| Voltage | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (V) | 5180.0000 |
| 138 | 5179.9660 |
| 120 | 5179.9656 |
| 102 | 5179.9656 |
| Maximum Deviation (MHz) | 0.0344 |
| Maximum Deviation (ppm) | 6.6409 |

Temperature vs. Frequency Stability

| Temperature | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (°C) | 5180.0000 |
| 0 | 5179.9660 |
| 10 | 5179.9660 |
| 20 | 5179.9660 |
| 30 | 5179.9660 |
| 40 | 5179.9660 |
| Maximum Deviation (MHz) | 0.0340 |
| Maximum Deviation (ppm) | 6.5637 |

| | |
|-----------|--------|
| Test Mode | UNII-3 |
|-----------|--------|

Voltage vs. Frequency Stability

| Voltage | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (V) | 5745.0000 |
| 138 | 5744.9636 |
| 120 | 5744.9636 |
| 102 | 5744.9632 |
| Maximum Deviation (MHz) | 0.0368 |
| Maximum Deviation (ppm) | 6.4056 |

Temperature vs. Frequency Stability

| Temperature | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (°C) | 5745.0000 |
| 0 | 5744.9632 |
| 10 | 5744.9632 |
| 20 | 5744.9628 |
| 30 | 5744.9628 |
| 40 | 5744.9628 |
| Maximum Deviation (MHz) | 0.0372 |
| Maximum Deviation (ppm) | 6.4752 |

End of Test Report