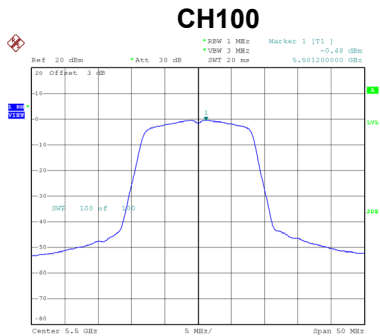
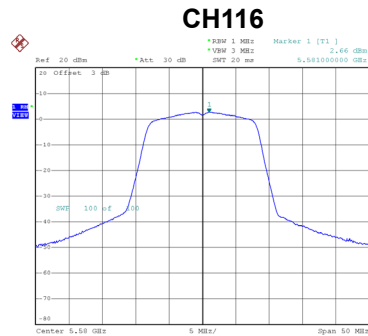


| | |
|-----------|-------------------|
| Test Mode | UNII-2C_TX A Mode |
|-----------|-------------------|

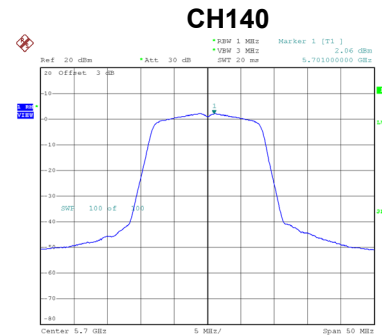
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 100 | 5500 | -0.48 | 0.14 | -0.34 | 11.00 | Complies |
| 116 | 5580 | 2.66 | 0.14 | 2.80 | 11.00 | Complies |
| 140 | 5700 | 2.06 | 0.14 | 2.20 | 11.00 | Complies |



Date: 4.DEC.2019 10:29:20



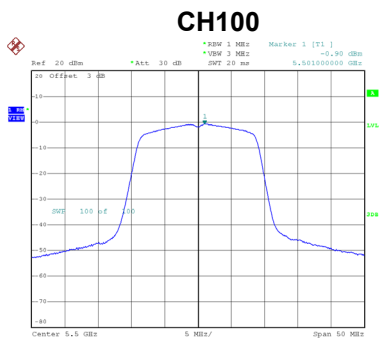
Date: 4.DEC.2019 10:50:57



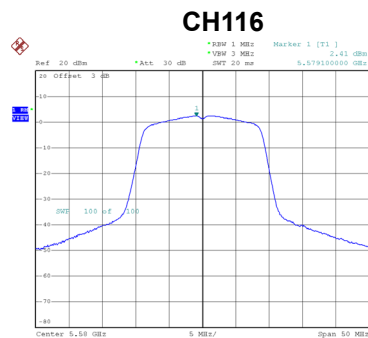
Date: 4.DEC.2019 10:54:56

| | |
|-----------|--------------------------|
| Test Mode | UNII-2C_TX N (HT20) Mode |
|-----------|--------------------------|

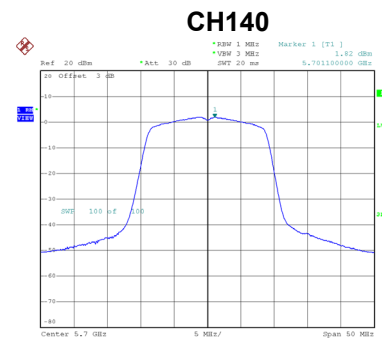
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 100 | 5500 | -0.90 | 0.15 | -0.75 | 11.00 | Complies |
| 116 | 5580 | 2.41 | 0.15 | 2.56 | 11.00 | Complies |
| 140 | 5700 | 1.82 | 0.15 | 1.97 | 11.00 | Complies |



Date: 4.DEC.2019 12:54:49



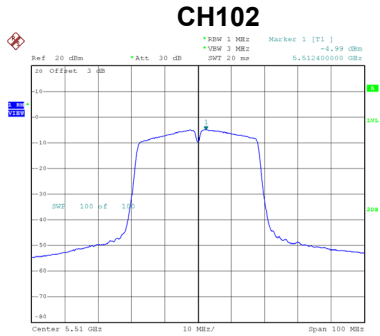
Date: 4.DEC.2019 12:55:47



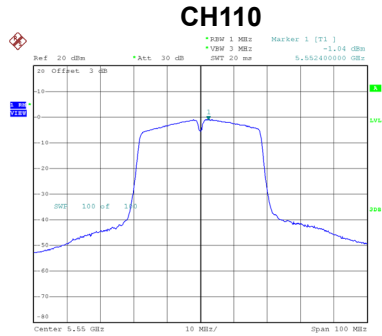
Date: 4.DEC.2019 12:58:42

Test Mode UNII-2C_TX N (HT40) Mode

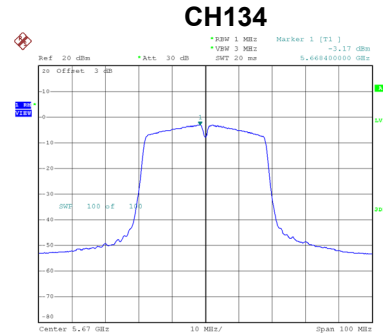
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 102 | 5510 | -4.99 | 0.29 | -4.70 | 11.00 | Complies |
| 110 | 5550 | -1.04 | 0.29 | -0.75 | 11.00 | Complies |
| 134 | 5670 | -3.17 | 0.29 | -2.88 | 11.00 | Complies |



Date: 4.DEC.2019 13:33:07



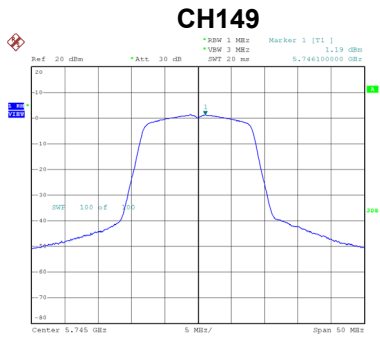
Date: 4.DEC.2019 13:34:10



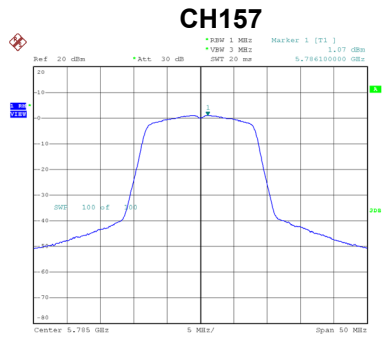
Date: 4.DEC.2019 13:36:27

Test Mode UNII-3_TX A Mode

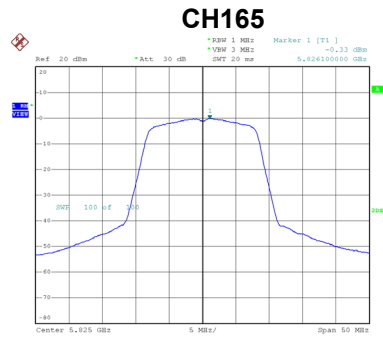
| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 149 | 5745 | 1.19 | 0.14 | 1.33 | 30.00 | Complies |
| 157 | 5785 | 1.07 | 0.14 | 1.21 | 30.00 | Complies |
| 165 | 5825 | -0.33 | 0.14 | -0.19 | 30.00 | Complies |



Date: 4.DEC.2019 10:57:44



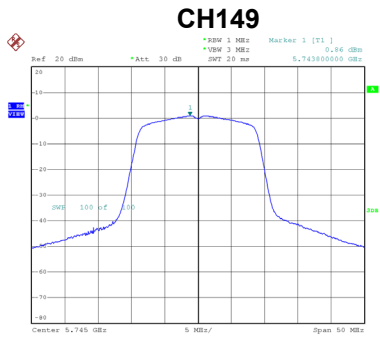
Date: 4.DEC.2019 12:36:04



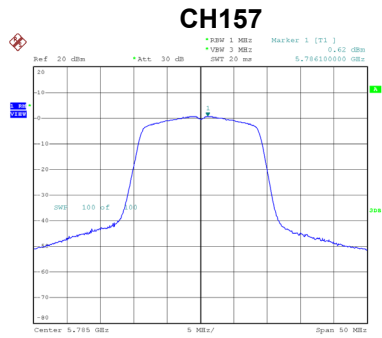
Date: 4.DEC.2019 12:37:53

Test Mode UNII-3_TX N (HT20) Mode

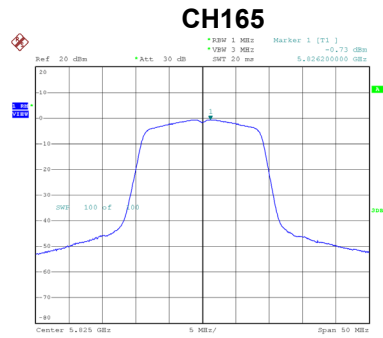
| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 149 | 5745 | 0.86 | 0.15 | 1.01 | 30.00 | Complies |
| 157 | 5785 | 0.62 | 0.15 | 0.77 | 30.00 | Complies |
| 165 | 5825 | -0.73 | 0.15 | -0.58 | 30.00 | Complies |



Date: 4.DEC.2019 12:59:41



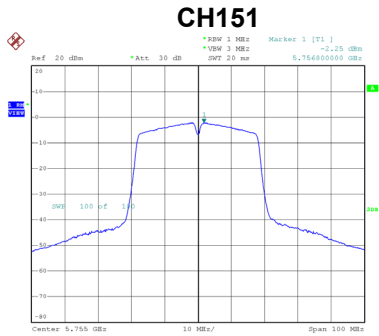
Date: 4.DEC.2019 13:01:42



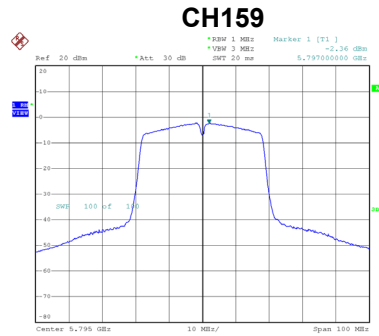
Date: 4.DEC.2019 13:03:57

Test Mode UNII-3_TX N (HT40) Mode

| 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 | -2.25 | 0.29 | -1.96 | 30.00 | Complies |
| 159 | 5795 | -2.36 | 0.29 | -2.07 | 30.00 | Complies |



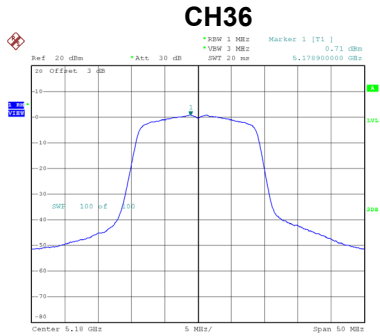
Date: 4.DEC.2019 13:37:39



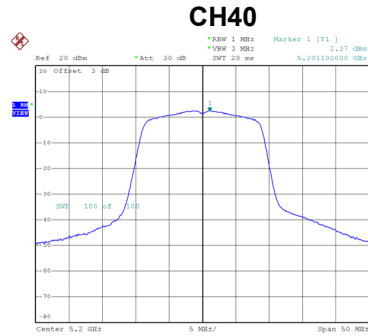
Date: 4.DEC.2019 13:39:39

Test Mode UNII-1_TX AC (VHT20) Mode

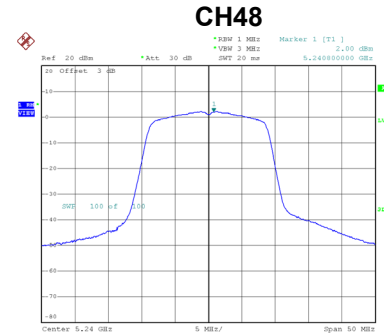
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 36 | 5180 | 0.71 | 0.15 | 0.86 | 11.00 | Complies |
| 40 | 5200 | 2.37 | 0.15 | 2.52 | 11.00 | Complies |
| 48 | 5240 | 2.00 | 0.15 | 2.15 | 11.00 | Complies |



Date: 4.DEC.2019 13:06:18



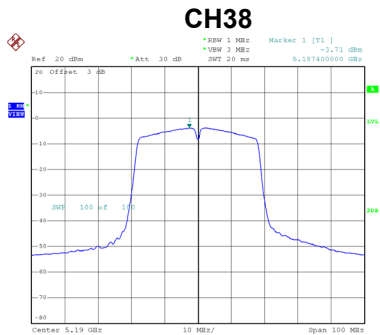
Date: 4.DEC.2019 13:07:19



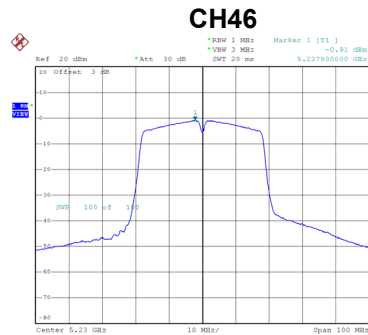
Date: 4.DEC.2019 13:08:21

Test Mode UNII-1_TX AC (VHT40) Mode

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 38 | 5190 | -3.71 | 0.29 | -3.42 | 11.00 | Complies |
| 46 | 5230 | -0.91 | 0.29 | -0.62 | 11.00 | Complies |



Date: 4.DEC.2019 13:40:46

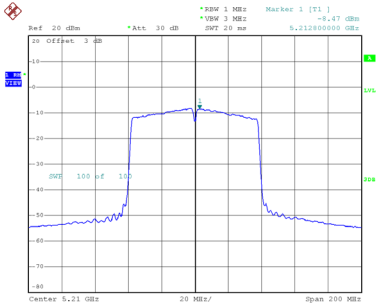


Date: 4.DEC.2019 13:46:28

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

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 42 | 5210 | -8.47 | 0.56 | -7.91 | 11.00 | Complies |

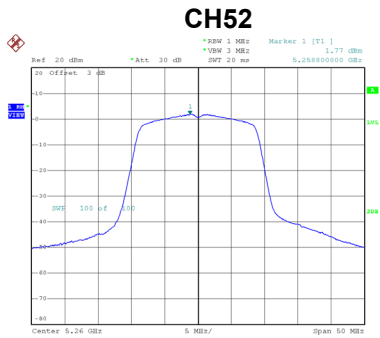
CH42



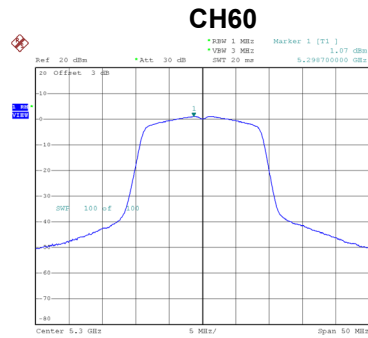
Date: 4.DEC.2019 13:57:03

| | |
|-----------|----------------------------|
| Test Mode | UNII-2A_TX AC (VHT20) Mode |
|-----------|----------------------------|

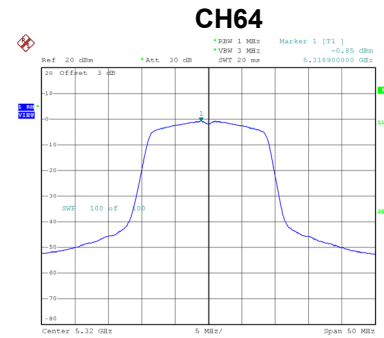
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 52 | 5260 | 1.77 | 0.15 | 1.92 | 11.00 | Complies |
| 60 | 5300 | 1.07 | 0.15 | 1.22 | 11.00 | Complies |
| 64 | 5320 | -0.85 | 0.15 | -0.70 | 11.00 | Complies |



Date: 4.DEC.2019 13:10:05



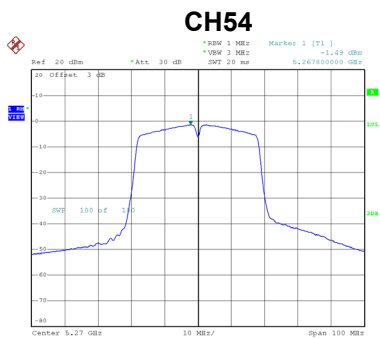
Date: 4.DEC.2019 13:11:04



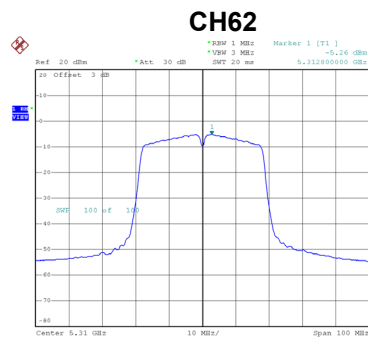
Date: 4.DEC.2019 13:12:27

| | |
|-----------|----------------------------|
| Test Mode | UNII-2A_TX AC (VHT40) Mode |
|-----------|----------------------------|

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 54 | 5270 | -1.49 | 0.29 | -1.20 | 11.00 | Complies |
| 62 | 5310 | -5.26 | 0.29 | -4.97 | 11.00 | Complies |



Date: 4.DEC.2019 13:47:35

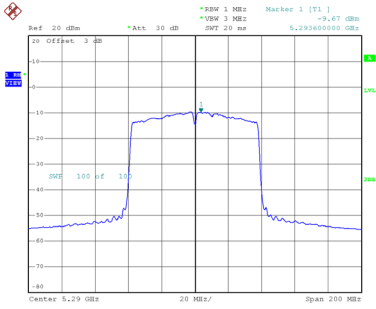


Date: 4.DEC.2019 13:49:49

| | |
|-----------|----------------------------|
| Test Mode | UNII-2A_TX AC (VHT80) Mode |
|-----------|----------------------------|

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 58 | 5290 | -9.67 | 0.56 | -9.11 | 11.00 | Complies |

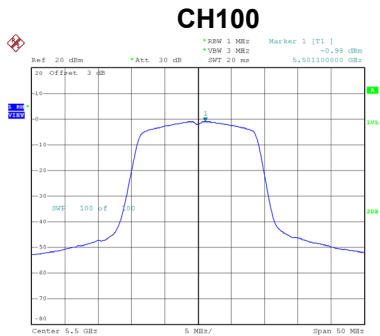
CH58



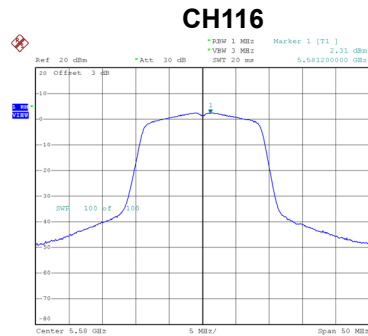
Date: 4.DEC.2019 13:58:17

| | |
|-----------|----------------------------|
| Test Mode | UNII-2C_TX AC (VHT20) Mode |
|-----------|----------------------------|

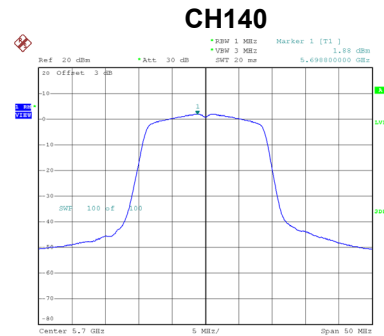
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 100 | 5500 | -0.98 | 0.15 | -0.83 | 11.00 | Complies |
| 116 | 5580 | 2.31 | 0.15 | 2.46 | 11.00 | Complies |
| 140 | 5700 | 1.88 | 0.15 | 2.03 | 11.00 | Complies |



Date: 4.DEC.2019 13:16:08



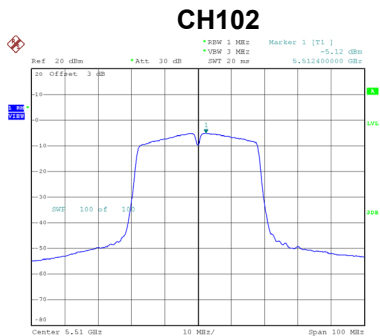
Date: 4.DEC.2019 13:17:08



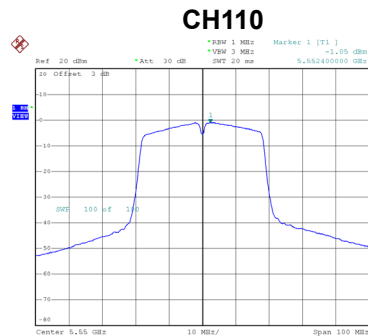
Date: 4.DEC.2019 13:18:08

| | |
|-----------|----------------------------|
| Test Mode | UNII-2C_TX AC (VHT40) Mode |
|-----------|----------------------------|

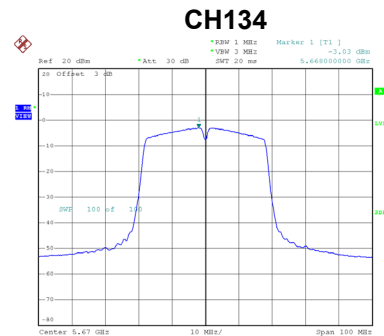
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 102 | 5510 | -5.12 | 0.29 | -4.83 | 11.00 | Complies |
| 110 | 5550 | -1.05 | 0.29 | -0.76 | 11.00 | Complies |
| 134 | 5670 | -3.03 | 0.29 | -2.74 | 11.00 | Complies |



Date: 4.DEC.2019 13:50:59



Date: 4.DEC.2019 13:52:07

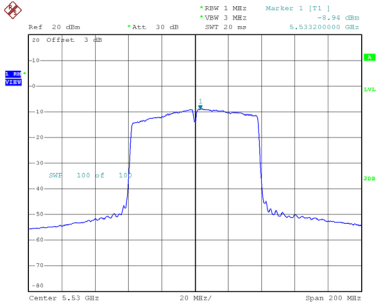


Date: 4.DEC.2019 13:53:31

| | |
|-----------|----------------------------|
| Test Mode | UNII-2C_TX AC (VHT80) Mode |
|-----------|----------------------------|

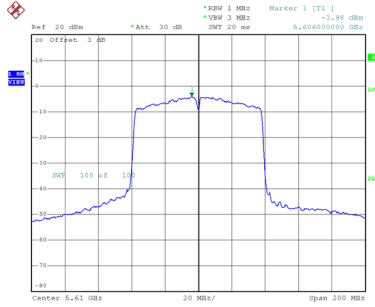
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---------|-----------------|----------------------------------|-------------|--|----------------------|----------|
| 106 | 5530 | -8.94 | 0.56 | -8.38 | 11.00 | Complies |
| 122 | 5610 | -3.98 | 0.56 | -3.42 | 11.00 | Complies |

CH106



Date: 4.DEC.2019 14:01:14

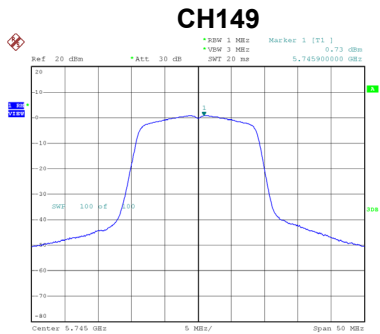
CH122



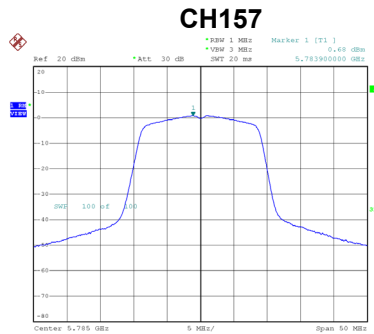
Date: 4.DEC.2019 14:02:32

Test Mode UNII-3_TX AC (VHT20) Mode

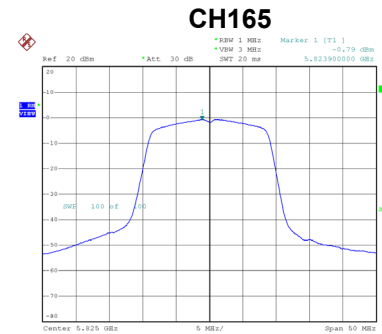
| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---------|-----------------|--------------------------------------|-------------|--|--------------------------|----------|
| 149 | 5745 | 0.73 | 0.15 | 0.88 | 30.00 | Complies |
| 157 | 5785 | 0.68 | 0.15 | 0.83 | 30.00 | Complies |
| 165 | 5825 | -0.79 | 0.15 | -0.64 | 30.00 | Complies |



Date: 4.DEC.2019 13:19:44



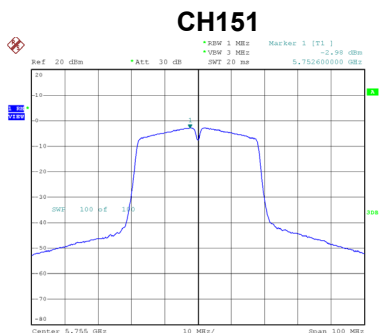
Date: 4.DEC.2019 13:20:52



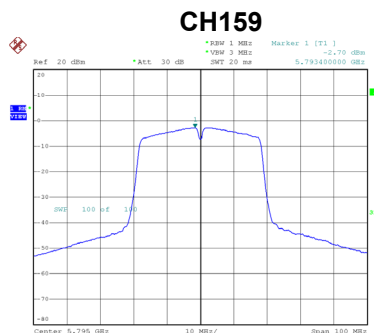
Date: 4.DEC.2019 13:23:47

Test Mode UNII-3_TX AC (VHT40) Mode

| 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 | -2.98 | 0.29 | -2.69 | 30.00 | Complies |
| 159 | 5795 | -2.70 | 0.29 | -2.41 | 30.00 | Complies |



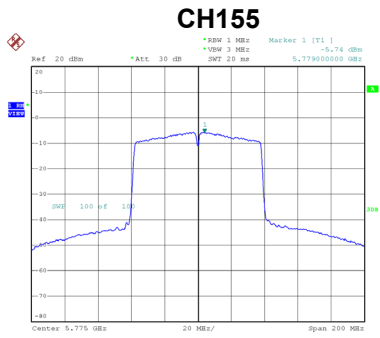
Date: 4.DEC.2019 13:54:34



Date: 4.DEC.2019 13:55:41

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

| 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 | -5.74 | 0.56 | -5.18 | 30.00 | Complies |



Date: 4.DEC.2019 14:04:27

APPENDIX H - FREQUENCY STABILITY

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

Voltage vs. Frequency Stability

| Voltage | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (V) | 5180.0000 |
| 4.45 | 5180.0000 |
| 3.85 | 5180.0000 |
| 3.5 | 5180.0000 |
| Maximum Deviation (MHz) | 0.0000 |
| Maximum Deviation (ppm) | 0.0048 |

Temperature vs. Frequency Stability

| Temperature | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (°C) | 5180.0000 |
| 0 | 5180.0200 |
| 5 | 5180.0000 |
| 15 | 5179.9950 |
| 25 | 5180.0150 |
| 35 | 5180.0000 |
| Maximum Deviation (MHz) | -0.0201 |
| Maximum Deviation (ppm) | -3.8827 |

| | |
|-----------|---------|
| Test Mode | UNII-2A |
|-----------|---------|

Voltage vs. Frequency Stability

| Voltage | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (V) | 5260.0000 |
| 4.45 | 5259.9950 |
| 3.85 | 5259.9999 |
| 3.5 | 5259.9950 |
| Maximum Deviation (MHz) | -0.0050 |
| Maximum Deviation (ppm) | -0.9482 |

Temperature vs. Frequency Stability

| Temperature | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (°C) | 5260.0000 |
| 0 | 5259.9799 |
| 5 | 5259.9797 |
| 15 | 5260.0200 |
| 25 | 5260.0102 |
| 35 | 5260.0200 |
| Maximum Deviation (MHz) | -0.0203 |
| Maximum Deviation (ppm) | -3.8641 |

| | |
|-----------|---------|
| Test Mode | UNII-2C |
|-----------|---------|

Voltage vs. Frequency Stability

| Voltage | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (V) | 5500.0000 |
| 4.45 | 5500.0000 |
| 3.85 | 5500.0150 |
| 3.5 | 5500.0200 |
| Maximum Deviation (MHz) | 0.0200 |
| Maximum Deviation (ppm) | 3.6341 |

Temperature vs. Frequency Stability

| Temperature | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (°C) | 5500.0000 |
| 0 | 5500.0150 |
| 5 | 5500.0400 |
| 15 | 5499.9799 |
| 25 | 5499.9999 |
| 35 | 5500.0150 |
| Maximum Deviation (MHz) | -0.0400 |
| Maximum Deviation (ppm) | -7.2705 |

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

Voltage vs. Frequency Stability

| Voltage | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (V) | 5745.0000 |
| 4.45 | 5744.9950 |
| 3.85 | 5745.0200 |
| 3.5 | 5745.0150 |
| Maximum Deviation (MHz) | -0.0200 |
| Maximum Deviation (ppm) | -3.4791 |

Temperature vs. Frequency Stability

| Temperature | Measurement Frequency (MHz) |
|-------------------------|-----------------------------|
| (°C) | 5745.0000 |
| 0 | 5745.0150 |
| 5 | 5745.0150 |
| 15 | 5744.9950 |
| 25 | 5744.9799 |
| 35 | 5745.0150 |
| Maximum Deviation (MHz) | -0.0201 |
| Maximum Deviation (ppm) | -3.5030 |

End of Test Report