| Test Mode | UNII-3_TX A Mode |
|---|---|

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 149 | 5745 | 13.92 | 0.35 | 14.27 | 30.00 | 1.00 | Complies |
| 157 | 5785 | 13.84 | 0.35 | 14.19 | 30.00 | 1.00 | Complies |
| 165 | 5825 | 13.95 | 0.35 | 14.30 | 30.00 | 1.00 | Complies |

| Test Mode | UNII-3_TX N (HT20) Mode |
|---|---|

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 149 | 5745 | 12.95 | 0.21 | 13.16 | 30.00 | 1.00 | Complies |
| 157 | 5785 | 12.83 | 0.21 | 13.04 | 30.00 | 1.00 | Complies |
| 165 | 5825 | 12.76 | 0.21 | 12.97 | 30.00 | 1.00 | Complies |

| Test Mode | UNII-3_TX N (HT40) Mode |
|---|---|

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 151 | 5755 | 12.97 | 0.43 | 13.40 | 30.00 | 1.00 | Complies |
| 159 | 5795 | 12.85 | 0.43 | 13.28 | 30.00 | 1.00 | Complies |

| Test Mode | UNII-1_TX AC (VHT20) Mode |
|---|---|

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 36 | 5180 | 8.83 | 0.16 | 8.99 | 24.00 | 0.25 | Complies |
| 40 | 5200 | 8.79 | 0.16 | 8.95 | 24.00 | 0.25 | Complies |
| 48 | 5240 | 8.91 | 0.16 | 9.07 | 24.00 | 0.25 | Complies |

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

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 38 | 5190 | 8.67 | 0.21 | 8.88 | 24.00 | 0.25 | Complies |
| 46 | 5230 | 8.89 | 0.21 | 9.10 | 24.00 | 0.25 | Complies |

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

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 42 | 5210 | 8.98 | 0.31 | 9.29 | 24.00 | 0.25 | Complies |

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

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 52 | 5260 | 8.85 | 0.16 | 9.01 | 24.00 | 0.25 | Complies |
| 60 | 5300 | 8.63 | 0.16 | 8.79 | 24.00 | 0.25 | Complies |
| 64 | 5320 | 8.67 | 0.16 | 8.83 | 24.00 | 0.25 | Complies |

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

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 54 | 5270 | 8.95 | 0.21 | 9.16 | 24.00 | 0.25 | Complies |
| 62 | 5310 | 8.82 | 0.21 | 9.03 | 24.00 | 0.25 | Complies |

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

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 58 | 5290 | 8.85 | 0.31 | 9.16 | 24.00 | 0.25 | Complies |

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

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 100 | 5500 | 8.87 | 0.16 | 9.03 | 24.00 | 0.25 | Complies |
| 116 | 5580 | 8.94 | 0.16 | 9.10 | 24.00 | 0.25 | Complies |
| 140 | 5700 | 8.71 | 0.16 | 8.87 | 24.00 | 0.25 | Complies |

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

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 102 | 5510 | 8.79 | 0.21 | 9.00 | 24.00 | 0.25 | Complies |
| 110 | 5550 | 8.96 | 0.21 | 9.17 | 24.00 | 0.25 | Complies |
| 134 | 5670 | 8.74 | 0.21 | 8.95 | 24.00 | 0.25 | Complies |

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

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 106 | 5530 | 8.88 | 0.31 | 9.19 | 24.00 | 0.25 | Complies |
| 122 | 5610 | 8.94 | 0.31 | 9.25 | 24.00 | 0.25 | Complies |

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

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 149 | 5745 | 8.73 | 0.16 | 8.89 | 30.00 | 1.00 | Complies |
| 157 | 5785 | 8.82 | 0.16 | 8.98 | 30.00 | 1.00 | Complies |
| 165 | 5825 | 8.84 | 0.16 | 9.00 | 30.00 | 1.00 | Complies |

| Test Mode | UNII-3_TX AC (VHT40) Mode |
|---|---|

| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 151 | 5755 | 8.83 | 0.21 | 9.04 | 30.00 | 1.00 | Complies |
| 159 | 5795 | 8.71 | 0.21 | 8.92 | 30.00 | 1.00 | Complies |

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

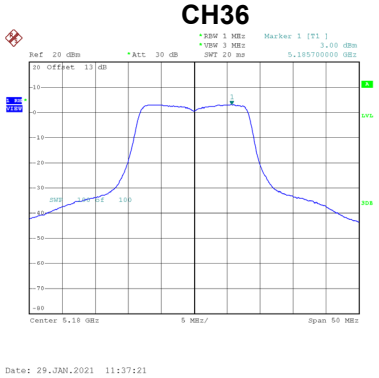
| Channel | Frequency (MHz) | Output Power (dBm) | Duty Factor | Output Power + Duty Factor (dBm) | Max. Limit (dBm) | Max. Limit (W) | Result |
|---|---|---|---|---|---|---|---|
| 155 | 5775 | 8.97 | 0.31 | 9.28 | 30.00 | 1.00 | Complies |

# APPENDIX G - POWER SPECTRAL DENSITY

| Test Mode | UNII-1_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 |
|---|---|---|---|---|---|---|
| 36 | 5180 | 3.00 | 0.35 | 3.35 | 11.00 | Complies |
| 40 | 5200 | 2.85 | 0.35 | 3.20 | 11.00 | Complies |
| 48 | 5240 | 2.92 | 0.35 | 3.27 | 11.00 | Complies |

**CH36**



Date: 29.JAN.2021 11:37:21

**CH40**

Date: 29.JAN.2021 11:38:25

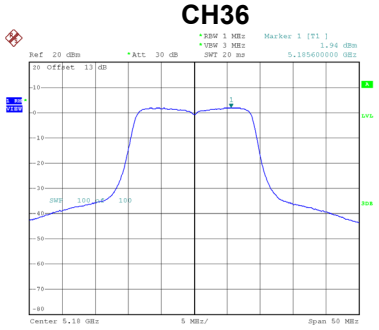
**CH48**

Date: 29.JAN.2021 11:39:22

| Test Mode | UNII-1_TX N (HT20) Mode |
|---|---|

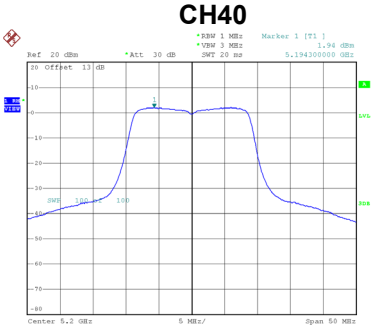
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|---|
| 36 | 5180 | 1.94 | 0.21 | 2.15 | 11.00 | Complies |
| 40 | 5200 | 1.94 | 0.21 | 2.15 | 11.00 | Complies |
| 48 | 5240 | 1.98 | 0.21 | 2.19 | 11.00 | Complies |

**CH36**



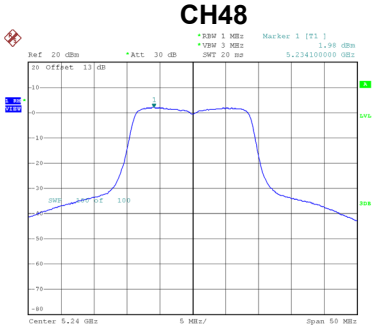
Date: 29.JAN.2021 11:54:38

**CH40**



Date: 29.JAN.2021 11:55:32

**CH48**

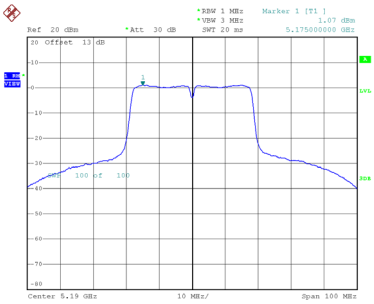


Date: 29.JAN.2021 11:56:34

| Test Mode | UNII-1_TX N (HT40) Mode |
|---|---|

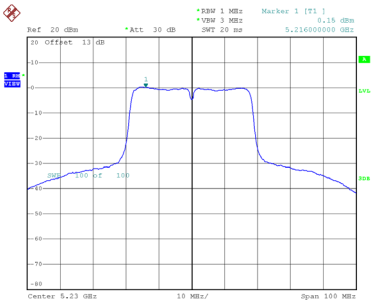
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|---|
| 38 | 5190 | 1.07 | 0.43 | 1.50 | 11.00 | Complies |
| 46 | 5230 | 0.15 | 0.43 | 0.58 | 11.00 | Complies |

**CH38**




Date: 29.JAN.2021 16:54:46

**CH46**

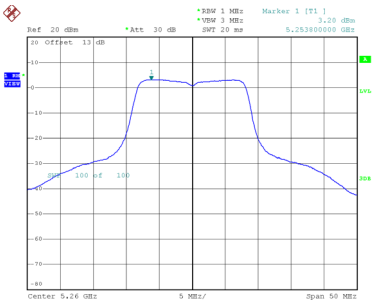



Date: 29.JAN.2021 16:55:47

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

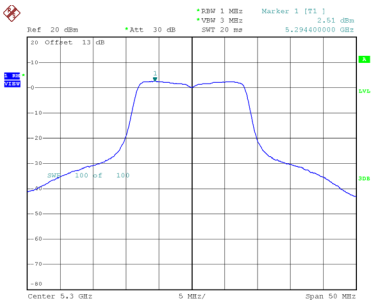
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|---|
| 52 | 5260 | 3.20 | 0.35 | 3.55 | 11.00 | Complies |
| 60 | 5300 | 2.51 | 0.35 | 2.86 | 11.00 | Complies |
| 64 | 5320 | 2.65 | 0.35 | 3.00 | 11.00 | Complies |

**CH52**



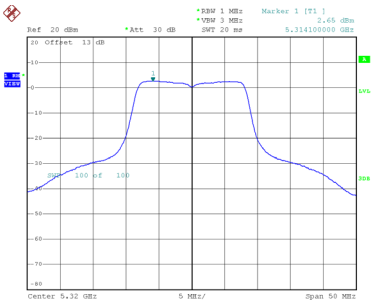
Date: 29.JAN.2021 11:41:18

**CH60**



Date: 29.JAN.2021 11:43:14

**CH64**

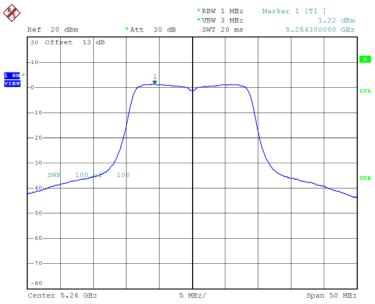


Date: 29.JAN.2021 11:44:10

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

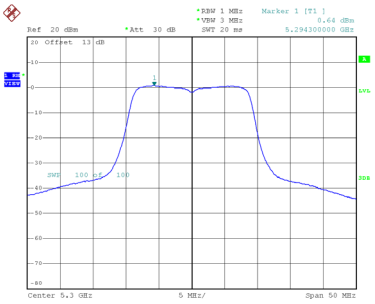
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|---|
| 52 | 5260 | 1.22 | 0.21 | 1.43 | 11.00 | Complies |
| 60 | 5300 | 0.64 | 0.21 | 0.85 | 11.00 | Complies |
| 64 | 5320 | 1.61 | 0.21 | 1.82 | 11.00 | Complies |

**CH52**



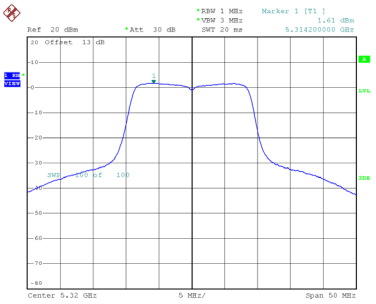
Date: 29.JAN.2021 11:57:38

**CH60**



Date: 29.JAN.2021 11:58:34

**CH64**

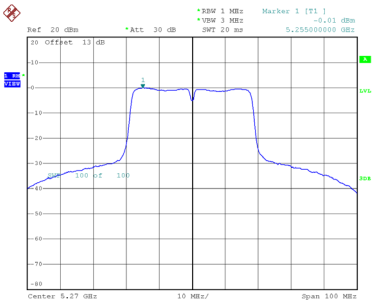


Date: 29.JAN.2021 11:59:51

| Test Mode | UNII-2A_TX N (HT40) Mode |
|---|---|

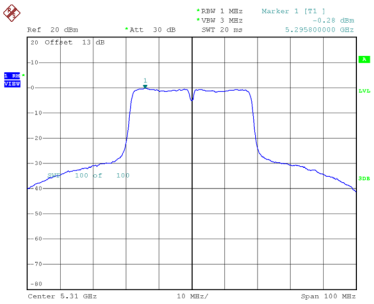
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|---|
| 54 | 5270 | -0.01 | 0.43 | 0.43 | 11.00 | Complies |
| 62 | 5310 | -0.28 | 0.43 | 0.15 | 11.00 | Complies |

**CH54**




Date: 29.JAN.2021 16:57:01

**CH62**

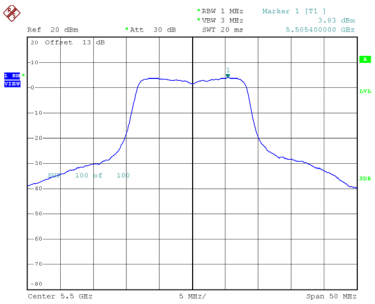



Date: 29.JAN.2021 16:58:08

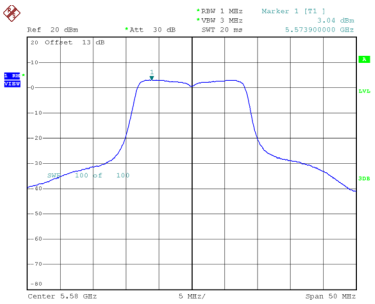
| Test Mode | UNII-2C_TX A Mode |
|---|---|

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|---|
| 100 | 5500 | 3.83 | 0.35 | 4.18 | 11.00 | Complies |
| 116 | 5580 | 3.04 | 0.35 | 3.39 | 11.00 | Complies |
| 140 | 5700 | 3.74 | 0.35 | 4.09 | 11.00 | Complies |

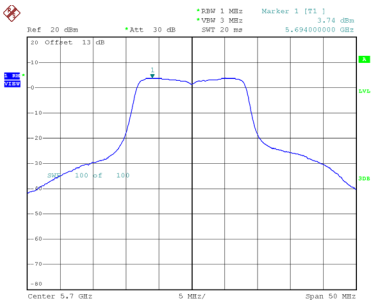
**CH100**



**CH116**



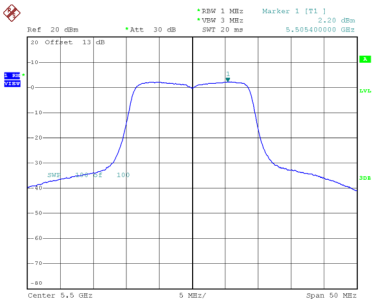
**CH140**



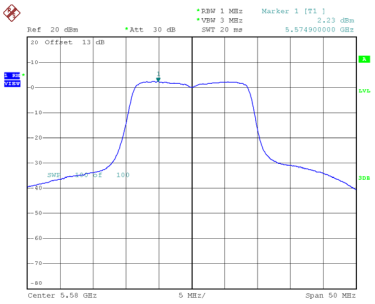
| Test Mode | UNII-2C_TX N (HT20) Mode |
|---|---|

| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|---|
| 100 | 5500 | 2.20 | 0.21 | 2.41 | 11.00 | Complies |
| 116 | 5580 | 2.23 | 0.21 | 2.44 | 11.00 | Complies |
| 140 | 5700 | 2.85 | 0.21 | 3.06 | 11.00 | Complies |

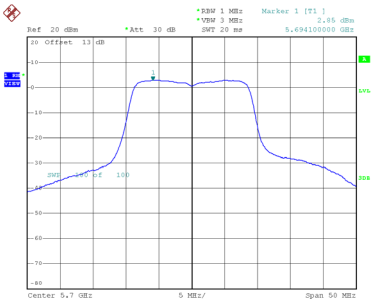
**CH100**



**CH116**



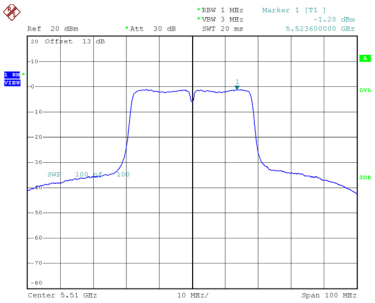
**CH140**



| Test Mode | UNII-2C_TX N (HT40) Mode |
|---|---|

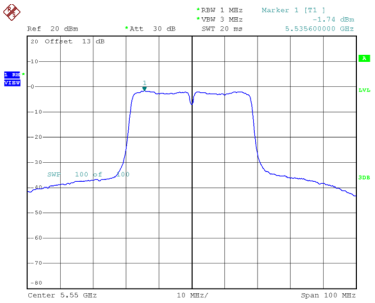
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|---|
| 102 | 5510 | -1.20 | 0.43 | -0.77 | 11.00 | Complies |
| 110 | 5550 | -1.74 | 0.43 | -1.31 | 11.00 | Complies |
| 134 | 5670 | -3.04 | 0.43 | -2.61 | 11.00 | Complies |

**CH102**



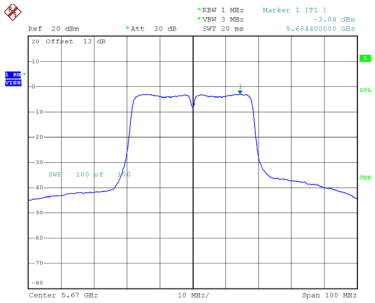

Date: 29.JAN.2021 16:59:07

**CH110**




Date: 29.JAN.2021 17:00:19

**CH134**

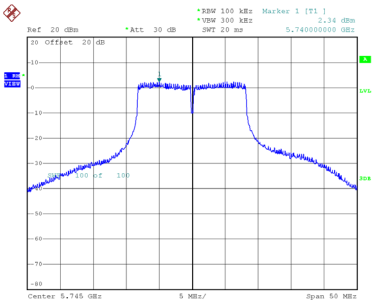



Date: 29.JAN.2021 17:01:46

| Test Mode | UNII-3_TX A Mode |
|---|---|

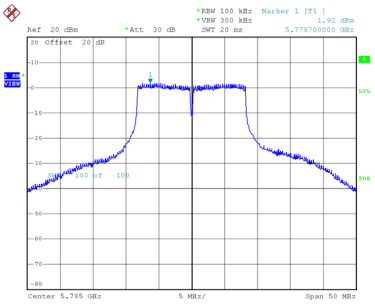
| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---|---|---|---|---|---|---|
| 149 | 5745 | 2.34 | 0.35 | 2.69 | 30.00 | Complies |
| 157 | 5785 | 1.92 | 0.35 | 2.27 | 30.00 | Complies |
| 165 | 5825 | 1.50 | 0.35 | 1.85 | 30.00 | Complies |

**CH149**



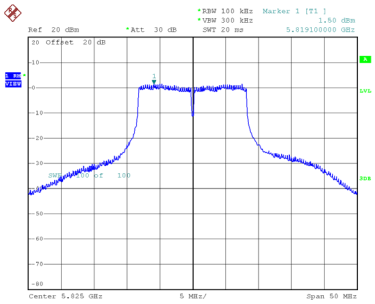
Date: 29.JAN.2021 11:48:19

**CH157**



Date: 29.JAN.2021 11:49:15

**CH165**

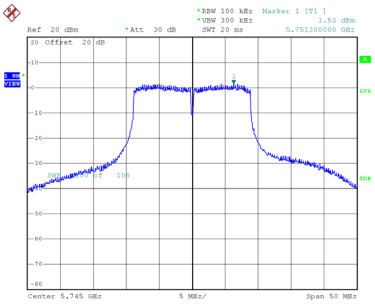


Date: 29.JAN.2021 11:50:14

| Test Mode | UNII-3_TX N (HT20) Mode |
|---|---|

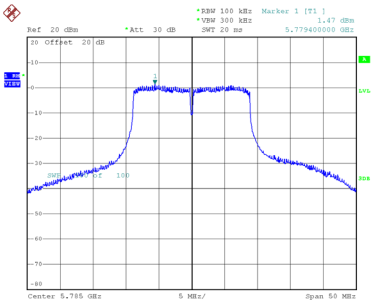
| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---|---|---|---|---|---|---|
| 149 | 5745 | 1.53 | 0.21 | 1.74 | 30.00 | Complies |
| 157 | 5785 | 1.47 | 0.21 | 1.68 | 30.00 | Complies |
| 165 | 5825 | 0.35 | 0.21 | 0.56 | 30.00 | Complies |

**CH149**



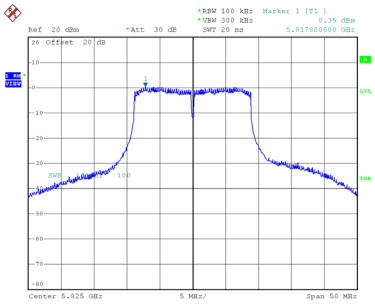
Date: 29.JAN.2021 16:48:31

**CH157**



Date: 29.JAN.2021 16:49:27

**CH165**

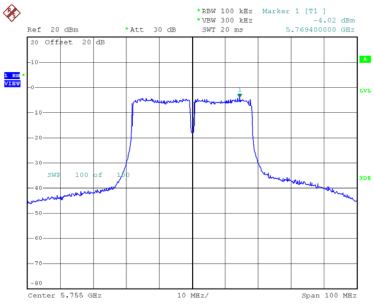


Date: 29.JAN.2021 16:51:11

| Test Mode | UNII-3_TX N (HT40) Mode |
|---|---|

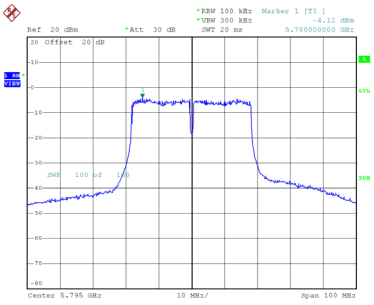
| Channel | Frequency (MHz) | Power Spectral Density (dBm/500 kHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/500 kHz) | Max. Limit (dBm/500 kHz) | Result |
|---|---|---|---|---|---|---|
| 151 | 5755 | -4.02 | 0.43 | -3.59 | 30.00 | Complies |
| 159 | 5795 | -4.12 | 0.43 | -3.69 | 30.00 | Complies |

**CH151**




Date: 29.JAN.2021 17:03:08

**CH159**

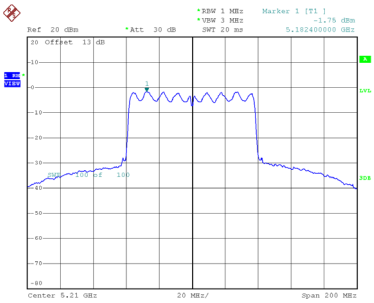



Date: 29.JAN.2021 17:04:35

| 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 | -1.75 | 0.31 | -1.44 | 11.00 | Complies |

**CH42**

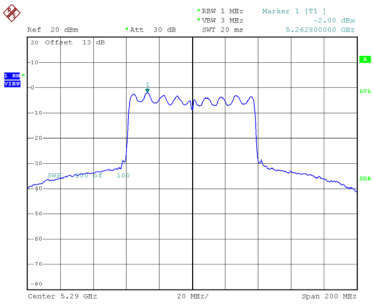



Date: 29.JAN.2021 18:43:31

| 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 | -2.00 | 0.31 | -1.69 | 11.00 | Complies |

**CH58**

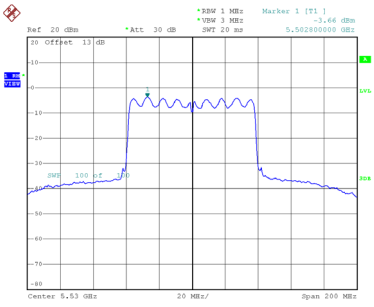



Date: 29.JAN.2021 18:44:42

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

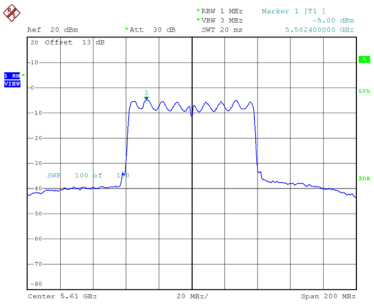
| Channel | Frequency (MHz) | Power Spectral Density (dBm/MHz) | Duty Factor | Power Spectral Density + Duty Factor (dBm/MHz) | Max. Limit (dBm/MHz) | Result |
|---|---|---|---|---|---|---|
| 106 | 5530 | -3.66 | 0.31 | -3.35 | 11.00 | Complies |
| 122 | 5610 | -5.00 | 0.31 | -4.69 | 11.00 | Complies |

**CH106**



Date: 29.JAN.2021 18:46:08

**CH122**

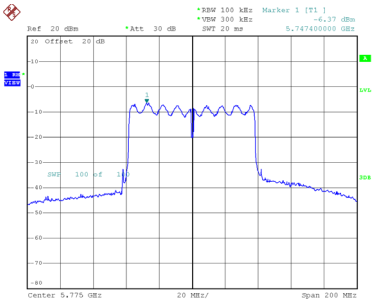


Date: 29.JAN.2021 18:47:14

| 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 | -6.37 | 0.31 | -6.06 | 30.00 | Complies |

**CH155**



Date: 29.JAN.2021 18:48:37

# APPENDIX H - FREQUENCY STABILITY

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

**Voltage vs. Frequency Stability**

| Voltage | Measurement Frequency (MHz) |
|---|---|
| (V) | 5180.0000 |
| 138 | 5179.9888 |
| 120 | 5179.9888 |
| 102 | 5179.9884 |
| Maximum Deviation (MHz) | 0.0116 |
| Maximum Deviation (ppm) | 2.2394 |

**Temperature vs. Frequency Stability**

| Temperature | Measurement Frequency (MHz) |
|---|---|
| (°C) | 5180.0000 |
| 0 | 5179.9884 |
| 10 | 5179.9884 |
| 20 | 5179.9884 |
| 30 | 5179.9884 |
| 40 | 5179.9884 |
| Maximum Deviation (MHz) | 0.0116 |
| Maximum Deviation (ppm) | 2.2394 |

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

**Voltage vs. Frequency Stability**

| Voltage | Measurement Frequency (MHz) |
|---|---|
| (V) | 5260.0000 |
| 138 | 5259.9884 |
| 120 | 5259.9884 |
| 102 | 5259.9884 |
| Maximum Deviation (MHz) | 0.0116 |
| Maximum Deviation (ppm) | 2.2053 |

**Temperature vs. Frequency Stability**

| Temperature | Measurement Frequency (MHz) |
|---|---|
| (°C) | 5260.0000 |
| 0 | 5259.9884 |
| 10 | 5259.9884 |
| 20 | 5259.9884 |
| 30 | 5259.9884 |
| 40 | 5259.9884 |
| Maximum Deviation (MHz) | 0.0116 |
| Maximum Deviation (ppm) | 2.2053 |

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

**Voltage vs. Frequency Stability**

| Voltage | Measurement Frequency (MHz) |
|---|---|
| (V) | 5500.0000 |
| 138 | 5499.9880 |
| 120 | 5499.9880 |
| 102 | 5499.9880 |
| Maximum Deviation (MHz) | 0.0120 |
| Maximum Deviation (ppm) | 2.1818 |

**Temperature vs. Frequency Stability**

| Temperature | Measurement Frequency (MHz) |
|---|---|
| (°C) | 5500.0000 |
| 0 | 5499.9880 |
| 10 | 5499.9880 |
| 20 | 5499.9884 |
| 30 | 5499.9880 |
| 40 | 5499.9884 |
| Maximum Deviation (MHz) | 0.0120 |
| Maximum Deviation (ppm) | 2.1818 |

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

**Voltage vs. Frequency Stability**

| Voltage | Measurement Frequency (MHz) |
|---|---|
| (V) | 5745.0000 |
| 138 | 5744.9880 |
| 120 | 5744.9880 |
| 102 | 5744.9876 |
| Maximum Deviation (MHz) | 0.0124 |
| Maximum Deviation (ppm) | 2.1584 |

**Temperature vs. Frequency Stability**

| Temperature | Measurement Frequency (MHz) |
|---|---|
| (°C) | 5745.0000 |
| 0 | 5744.9870 |
| 10 | 5744.9872 |
| 20 | 5744.9876 |
| 30 | 5744.9875 |
| 40 | 5744.9876 |
| Maximum Deviation (MHz) | 0.0124 |
| Maximum Deviation (ppm) | 2.1584 |

**End of Test Report**