| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11n(20MHz)(ANT 0)

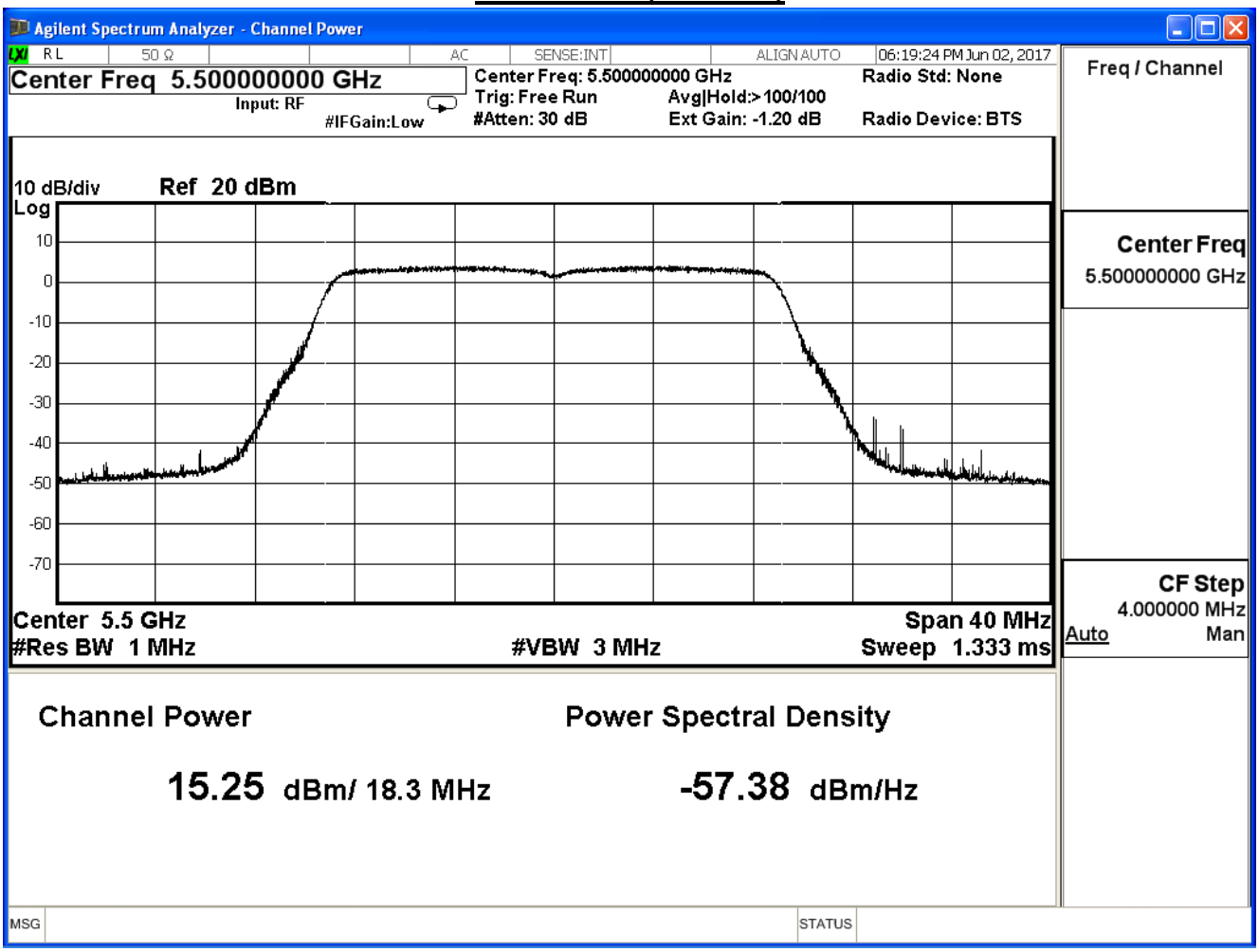
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 100 | 5500 | 15.250 | ≦23.449 |
| 116 | 5580 | 14.750 | ≦23.449 |
| 140 | 5700 | 14.410 | ≦23.449 |

The worst emission of data rate is MCS 0

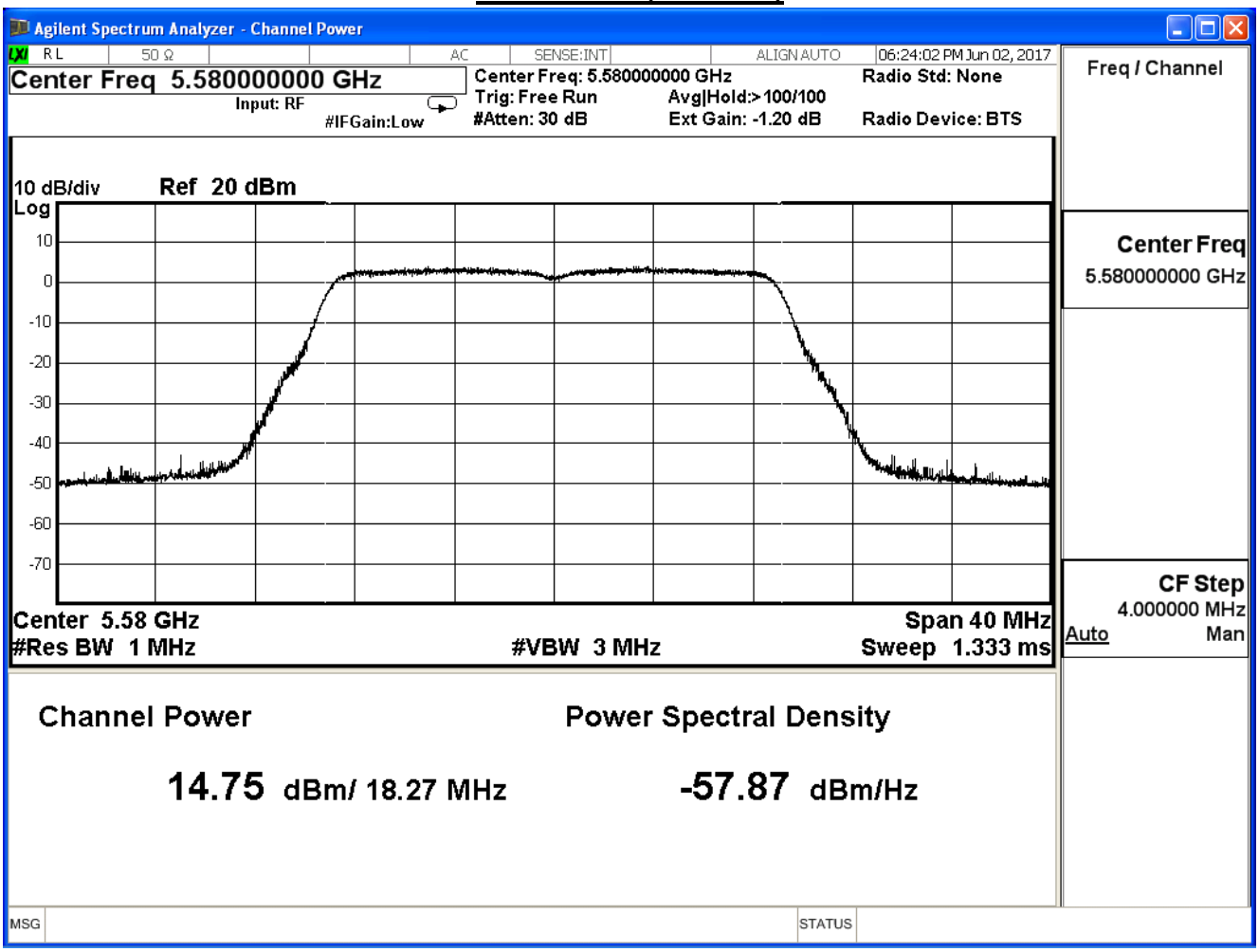
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

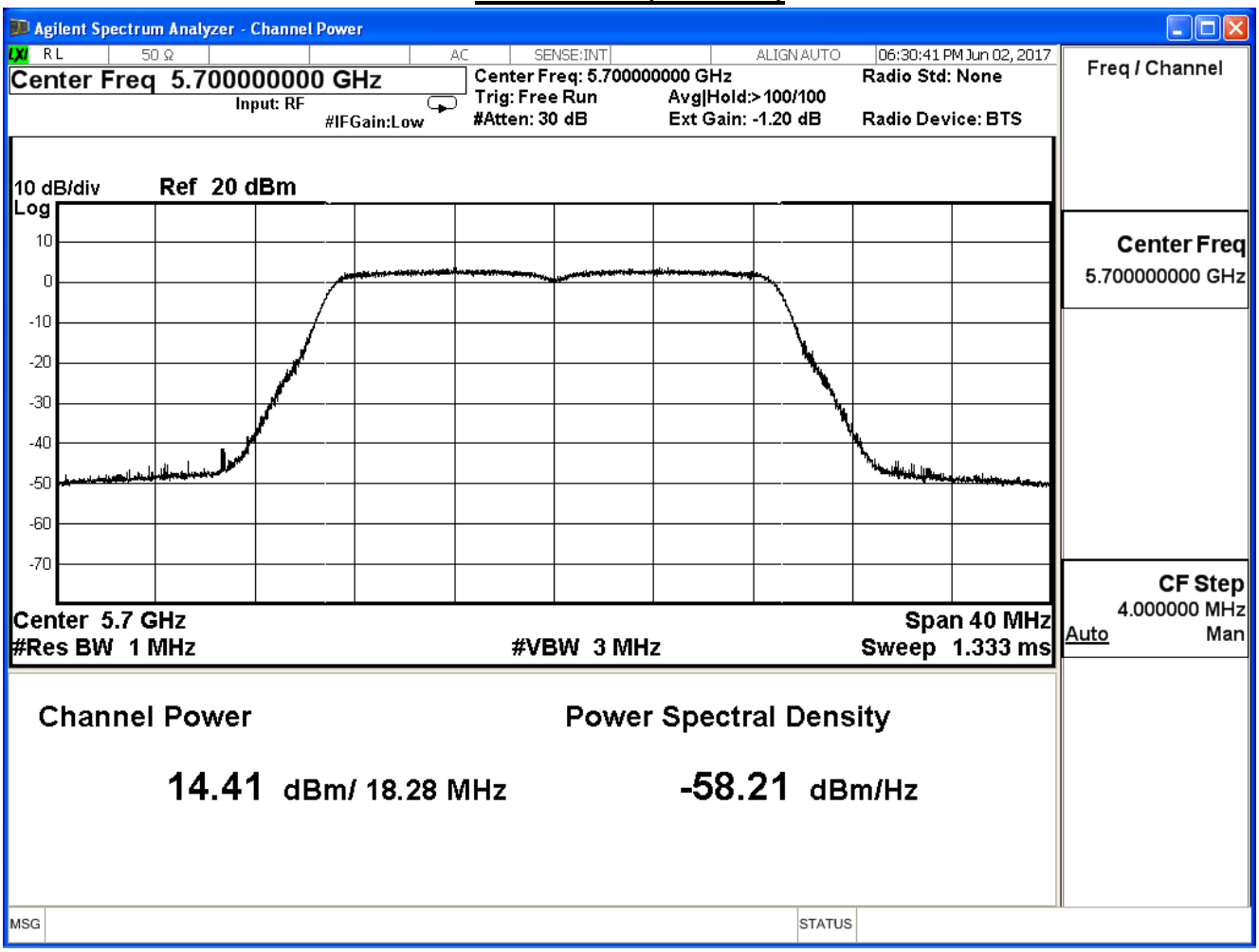
**Channel 100 (5500MHz)**



## Channel 116 (5580MHz)



**Channel 140 (5700MHz)**



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11n(20MHz)(ANT 1)

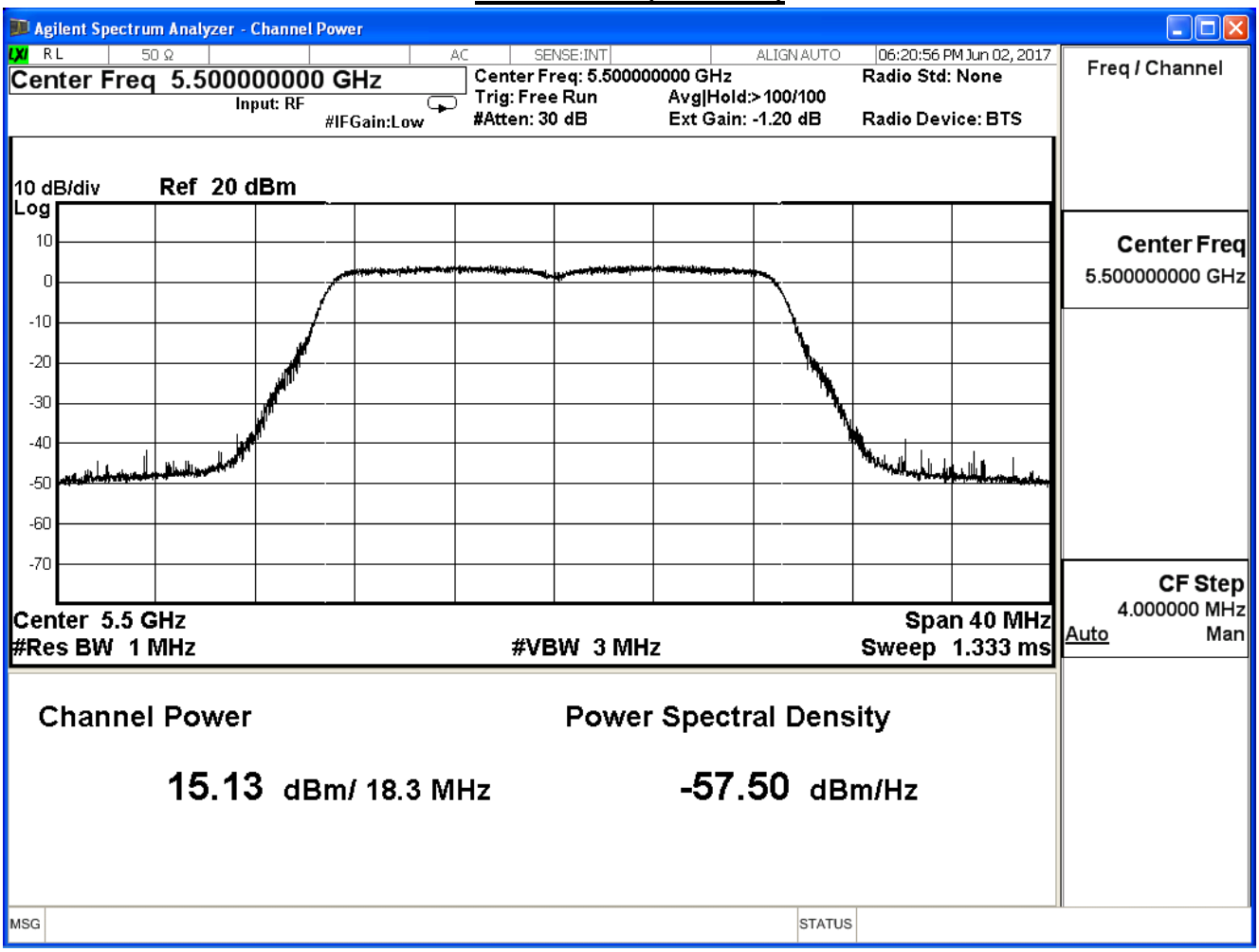
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 100 | 5500 | 15.130 | ≦23.449 |
| 116 | 5580 | 14.690 | ≦23.449 |
| 140 | 5700 | 14.390 | ≦23.449 |

The worst emission of data rate is MCS 0

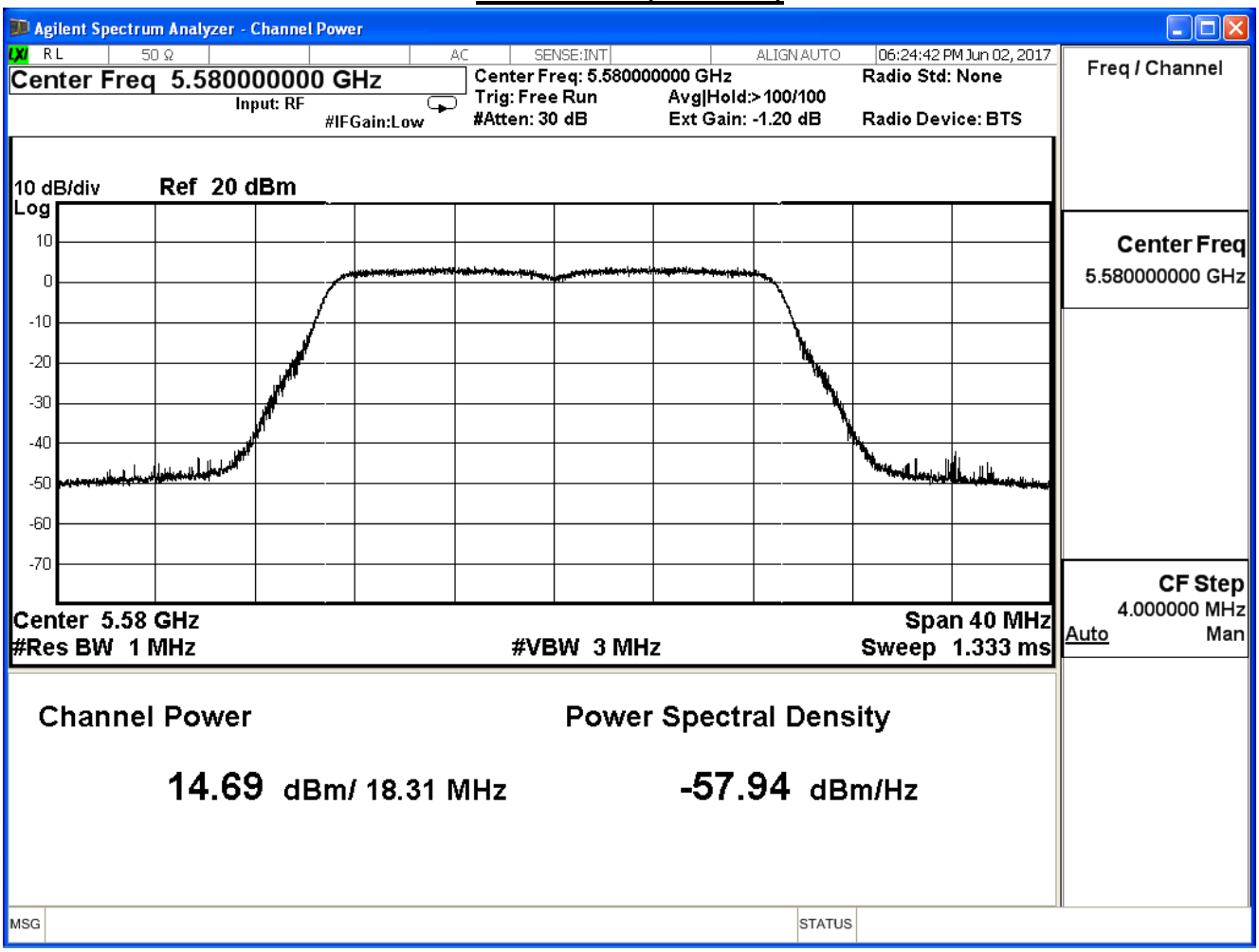
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

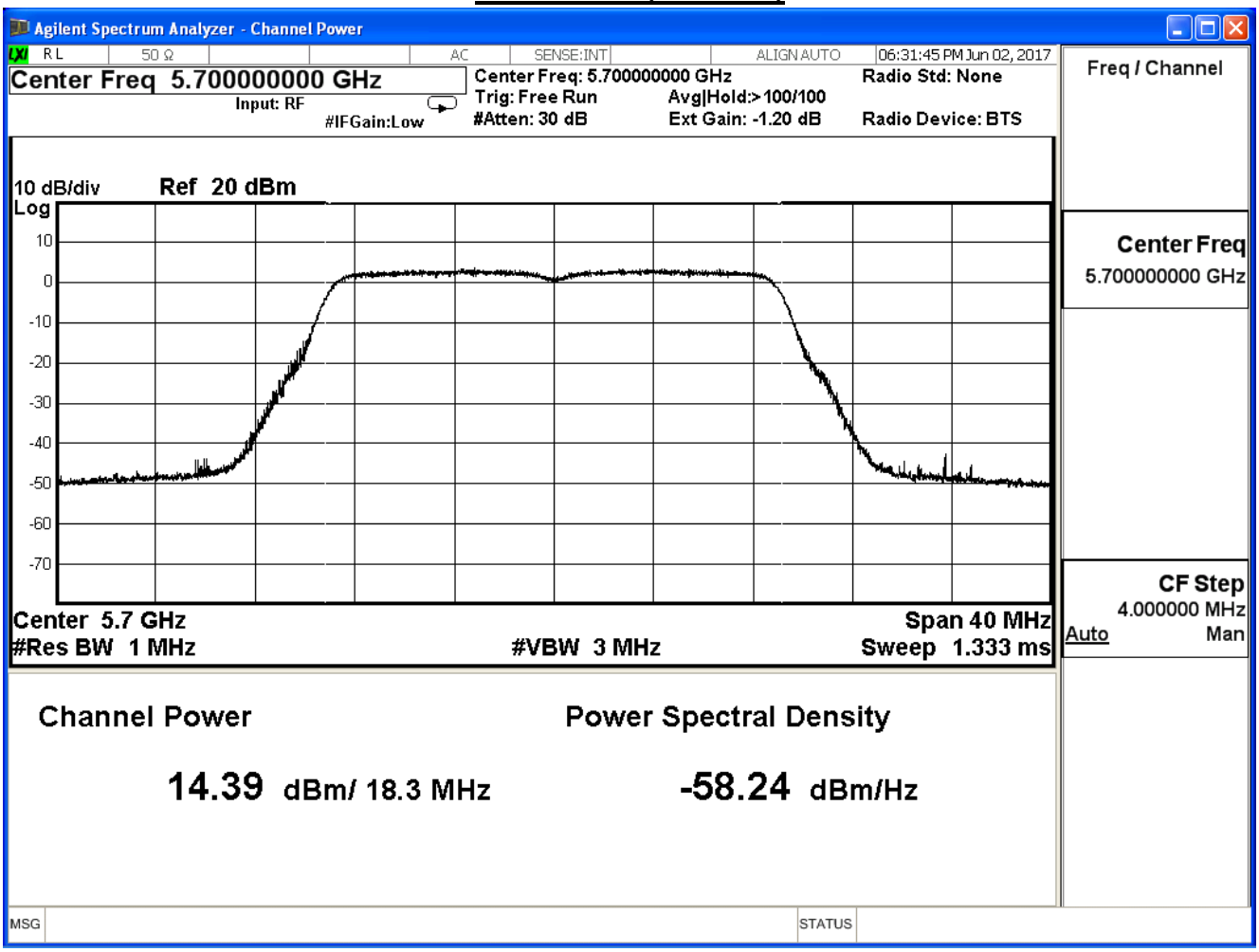
**Channel 100 (5500MHz)**



## Channel 116 (5580MHz)



**Channel 140 (5700MHz)**



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11n(20MHz)(ANT 2)

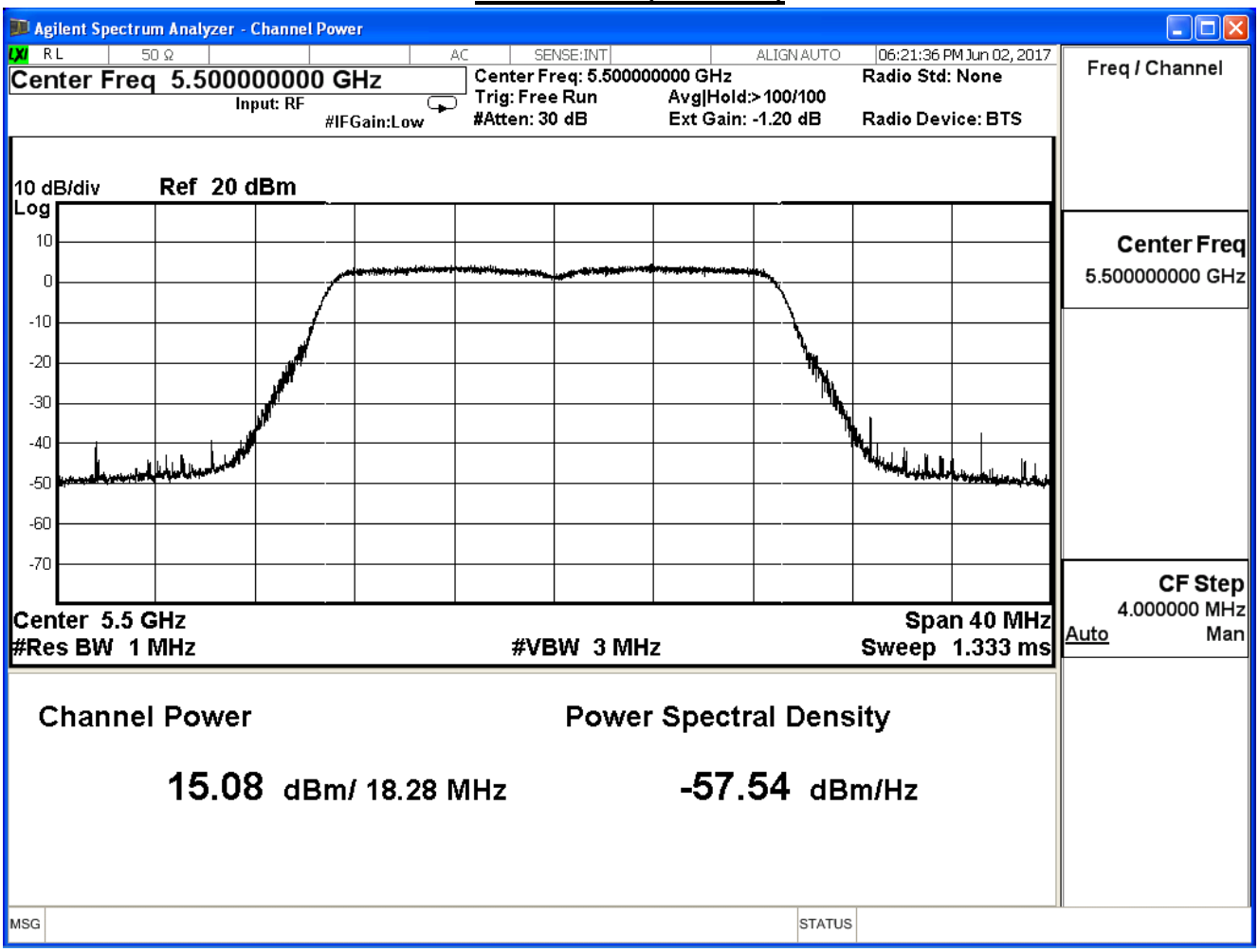
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 100 | 5500 | 15.080 | ≦23.449 |
| 116 | 5580 | 14.680 | ≦23.449 |
| 140 | 5700 | 14.370 | ≦23.449 |

The worst emission of data rate is MCS 0

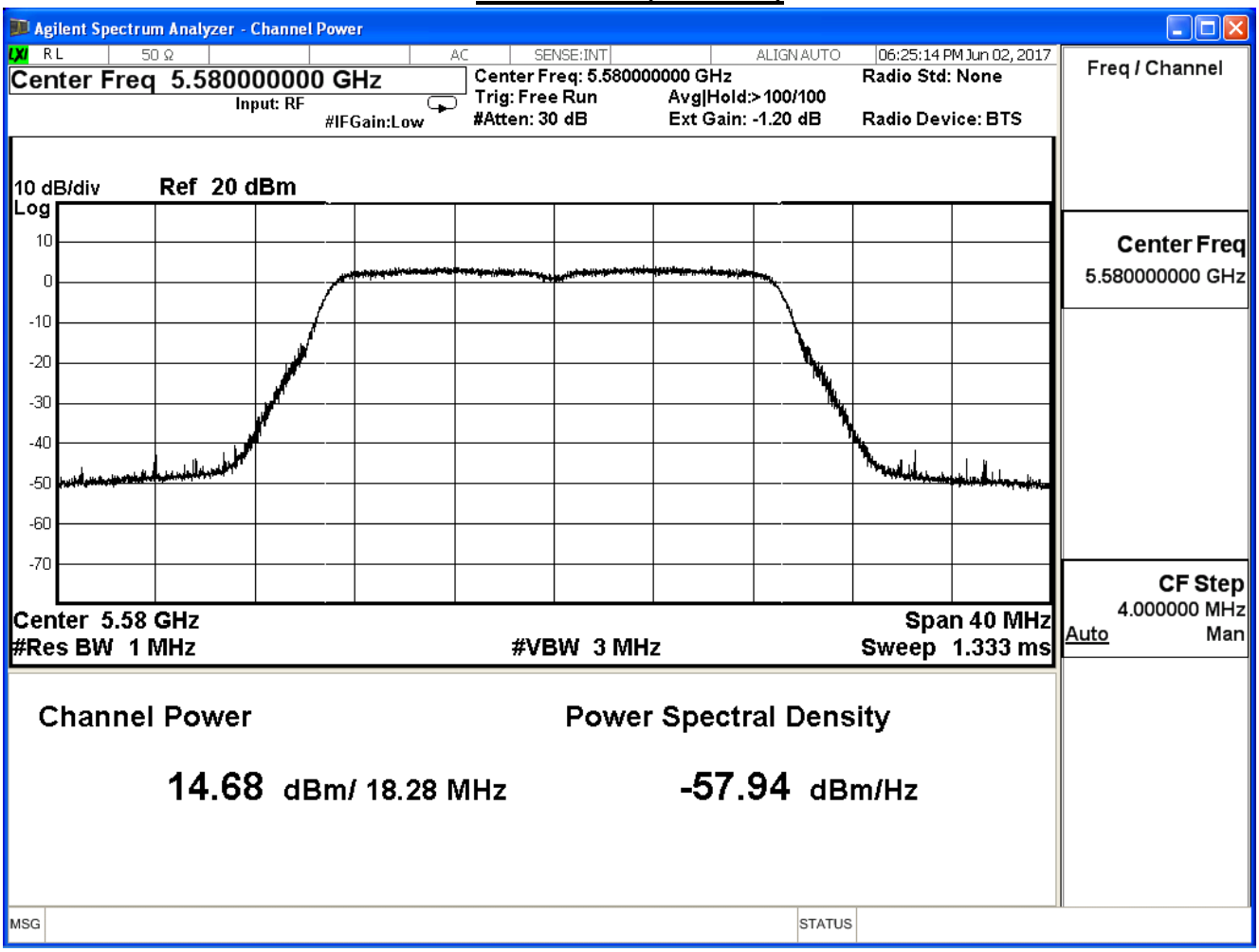
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

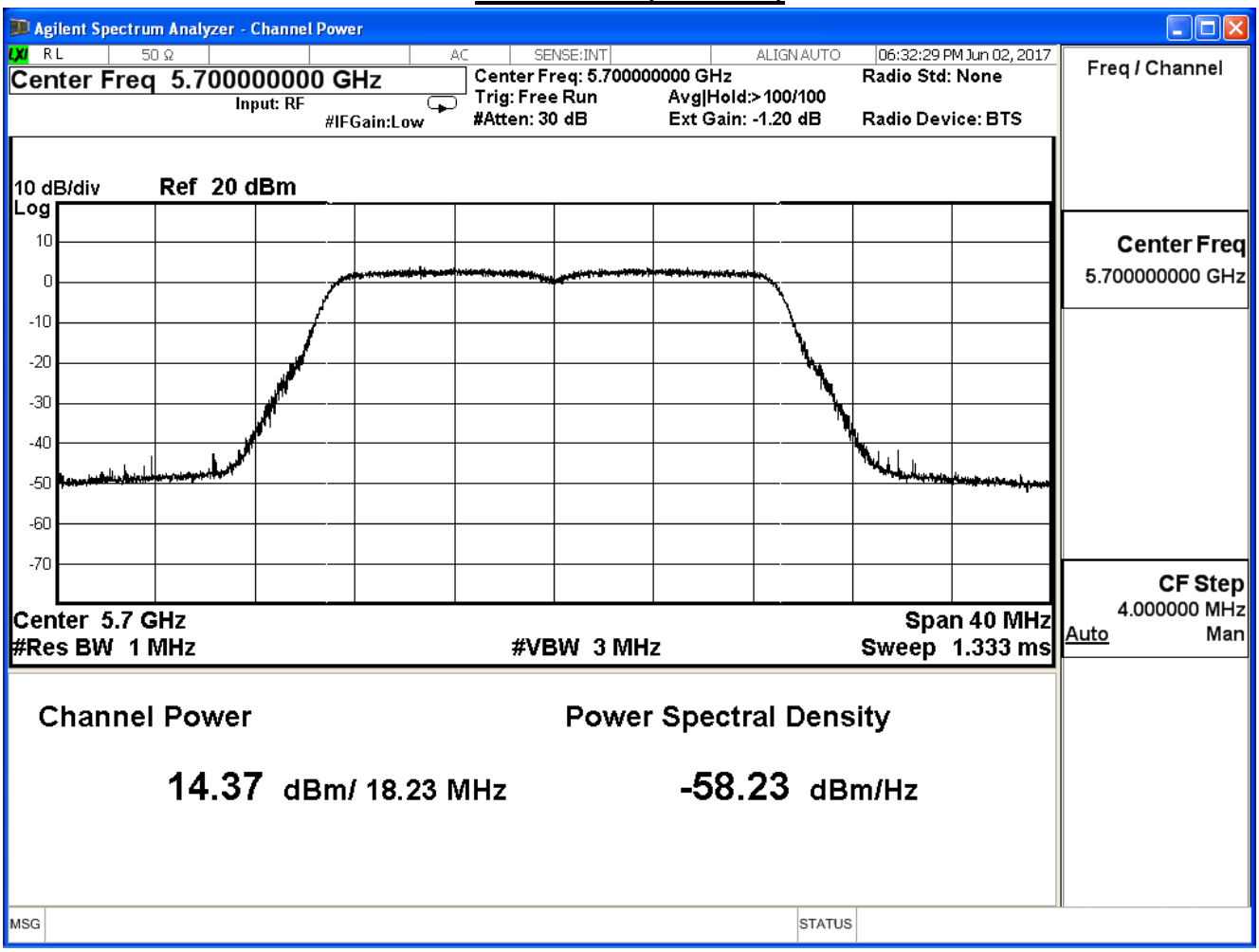
**Channel 100 (5500MHz)**



**Channel 116 (5580MHz)**



**Channel 140 (5700MHz)**



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11n(20MHz)(ANT 3)

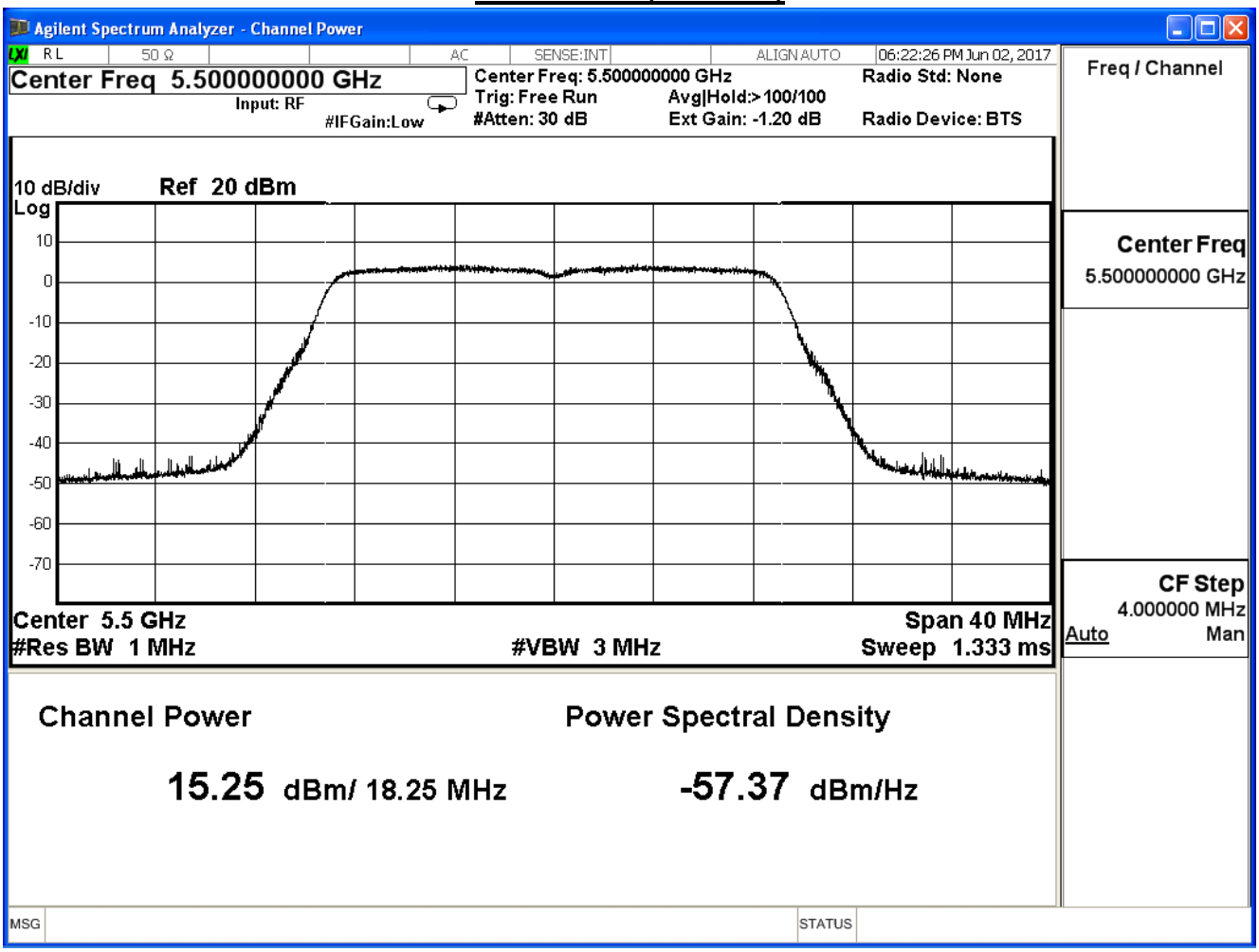
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 100 | 5500 | 15.250 | ≦23.449 |
| 116 | 5580 | 14.820 | ≦23.449 |
| 140 | 5700 | 14.310 | ≦23.449 |

The worst emission of data rate is MCS 0

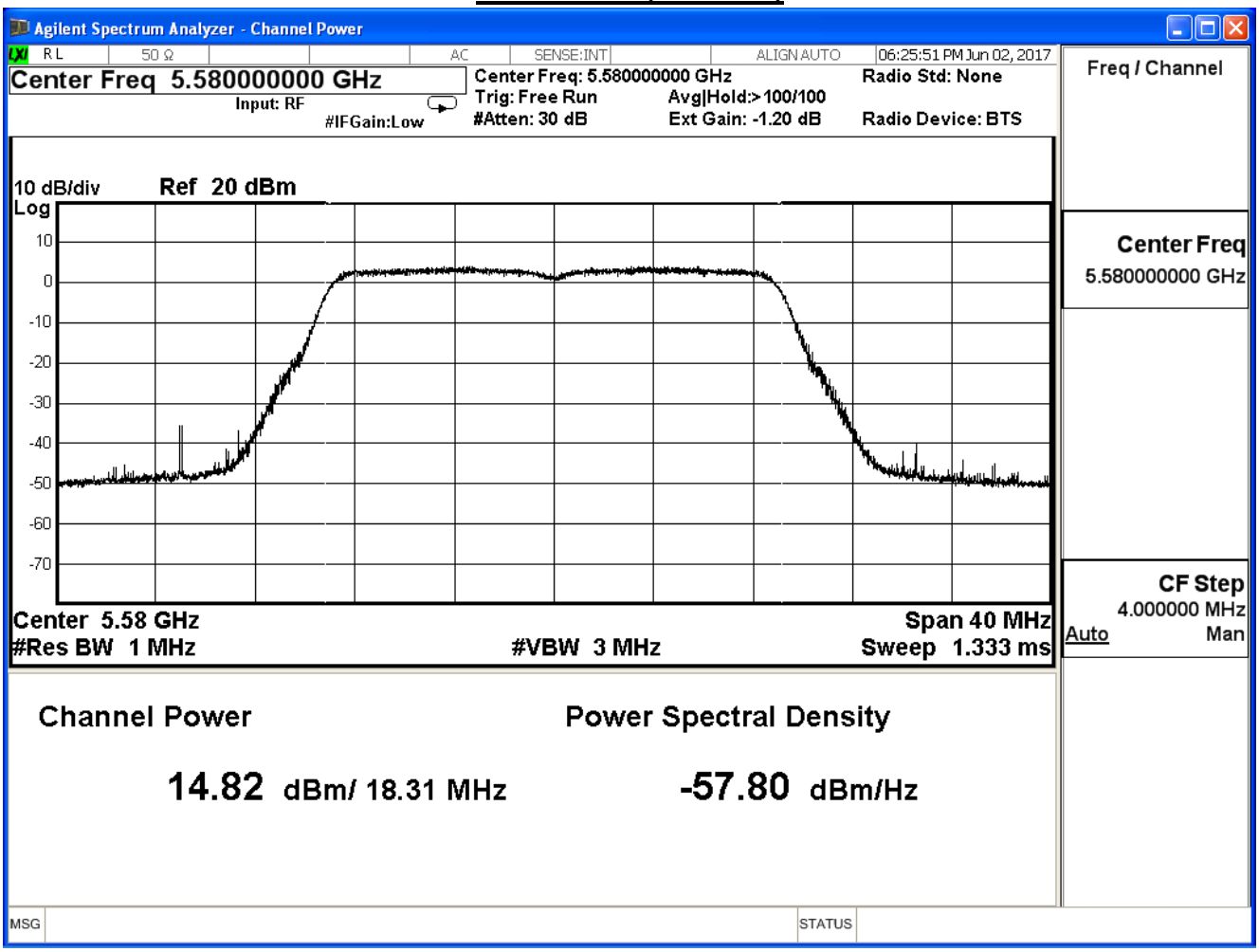
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

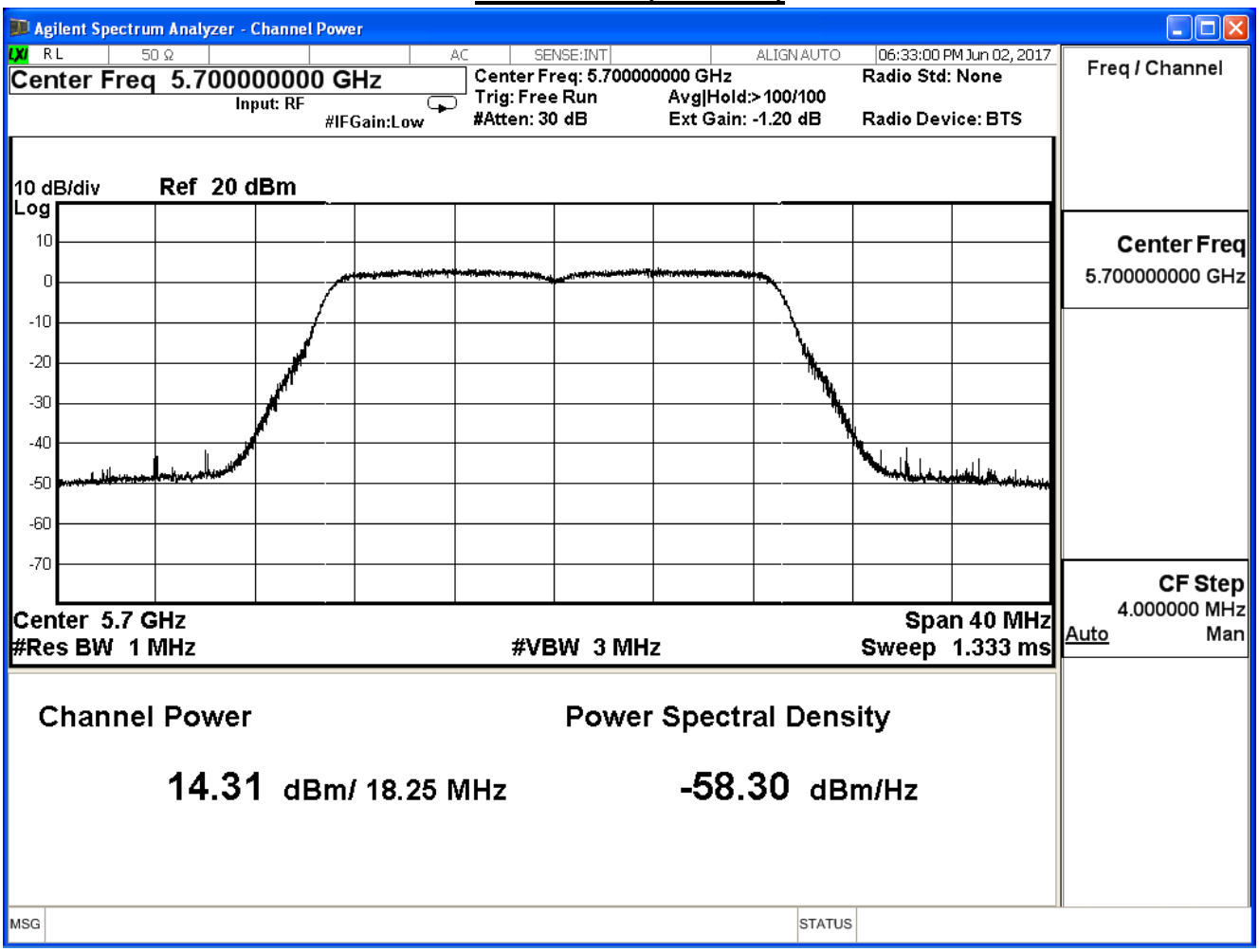
**Channel 100 (5500MHz)**



## Channel 116 (5580MHz)



**Channel 140 (5700MHz)**



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11n(20MHz)(ANT 0+1+2+3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 100 | 5500 | 21.199 | ≦23.449 |
| 116 | 5580 | 20.756 | ≦23.449 |
| 140 | 5700 | 20.391 | ≦23.449 |

Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11n(40MHz)(ANT 0)

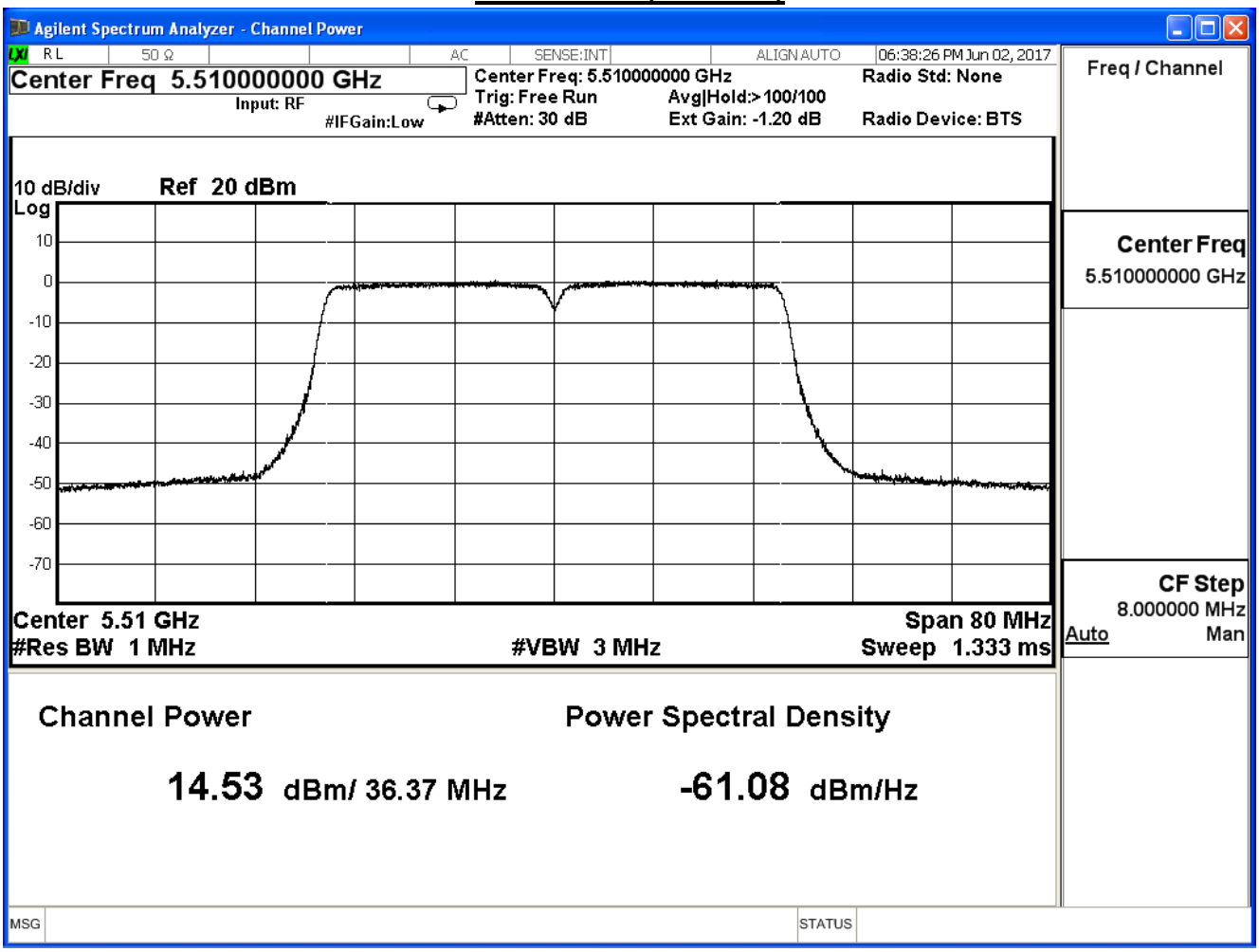
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 102 | 5510 | 14.530 | ≦23.449 |
| 110 | 5550 | 17.110 | ≦23.449 |
| 134 | 5670 | 14.700 | ≦23.449 |

The worst emission of data rate is MCS 0

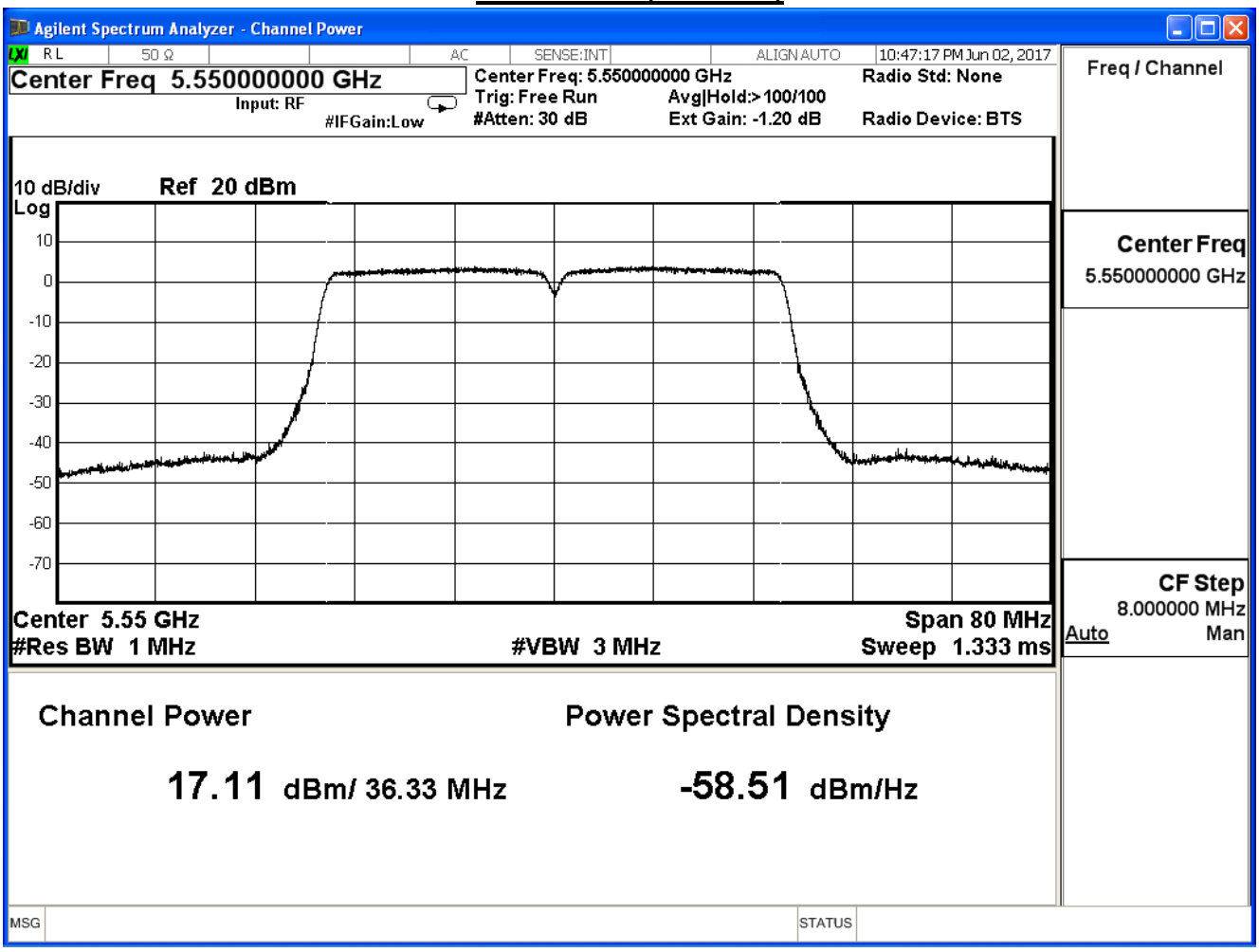
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

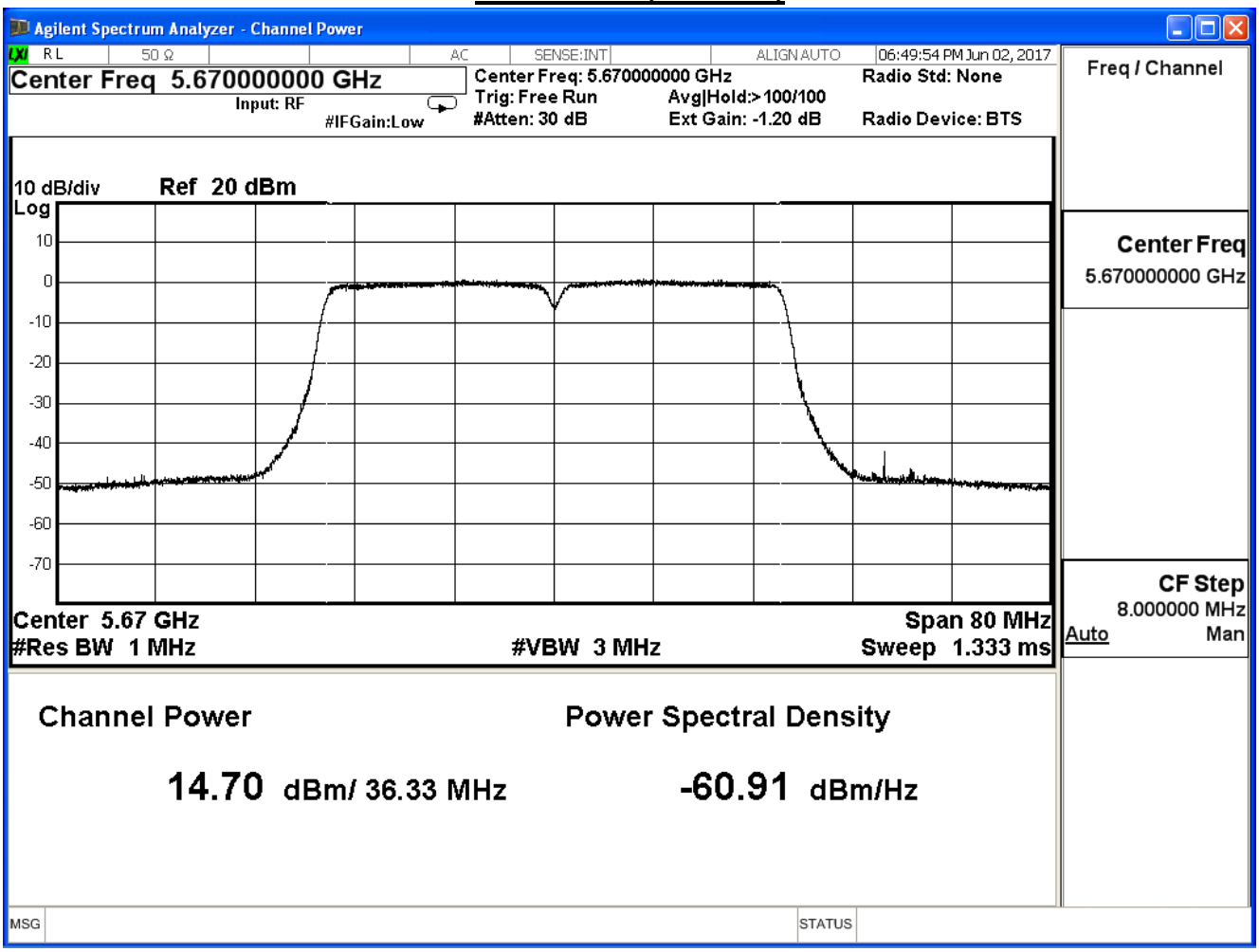
## Channel 102 (5510MHz)



**Channel 110 (5550MHz)**



**Channel 134 (5670MHz)**



| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11n(40MHz)(ANT 1)

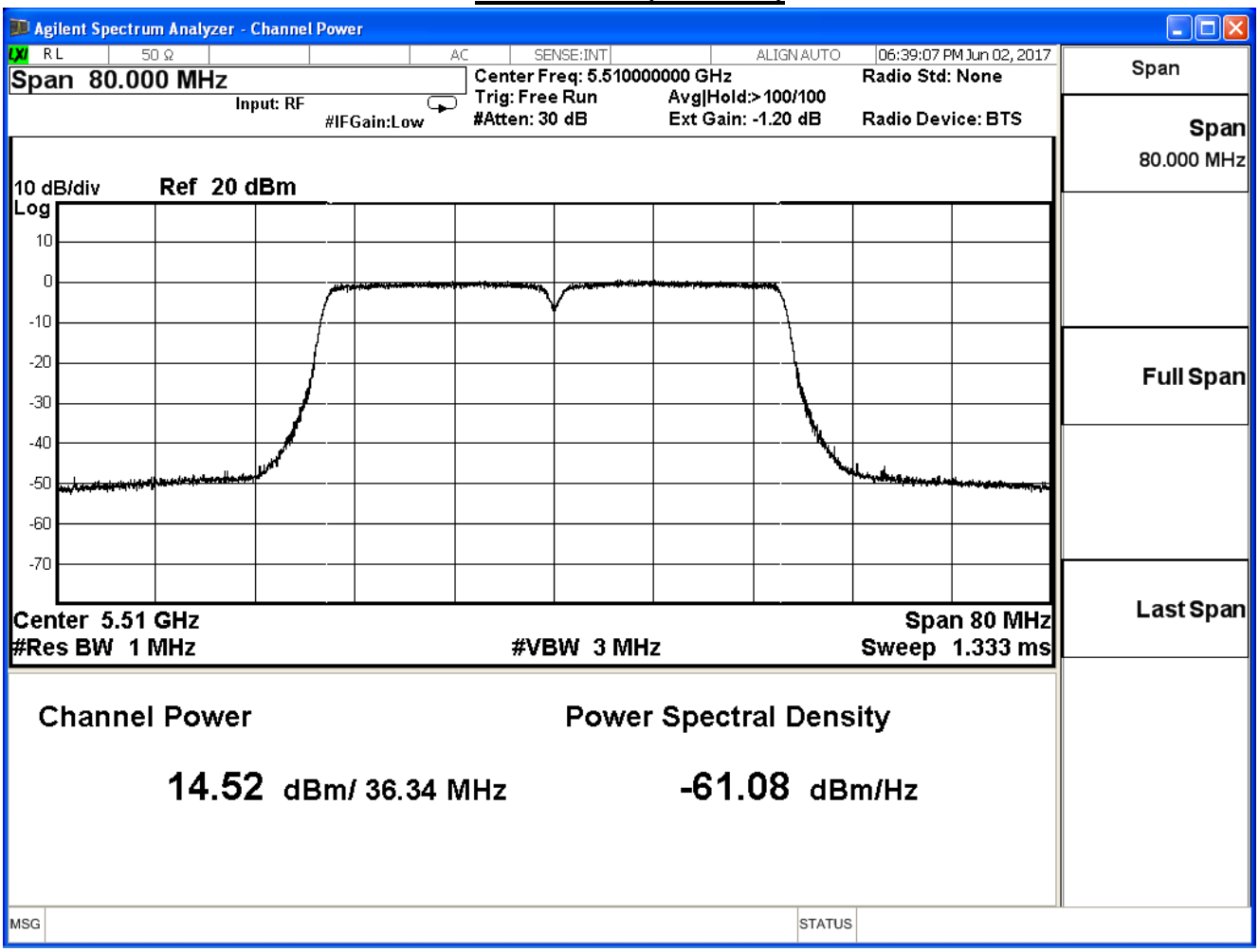
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 102 | 5510 | 14.520 | ≦23.449 |
| 110 | 5550 | 16.970 | ≦23.449 |
| 134 | 5670 | 14.760 | ≦23.449 |

The worst emission of data rate is MCS 0

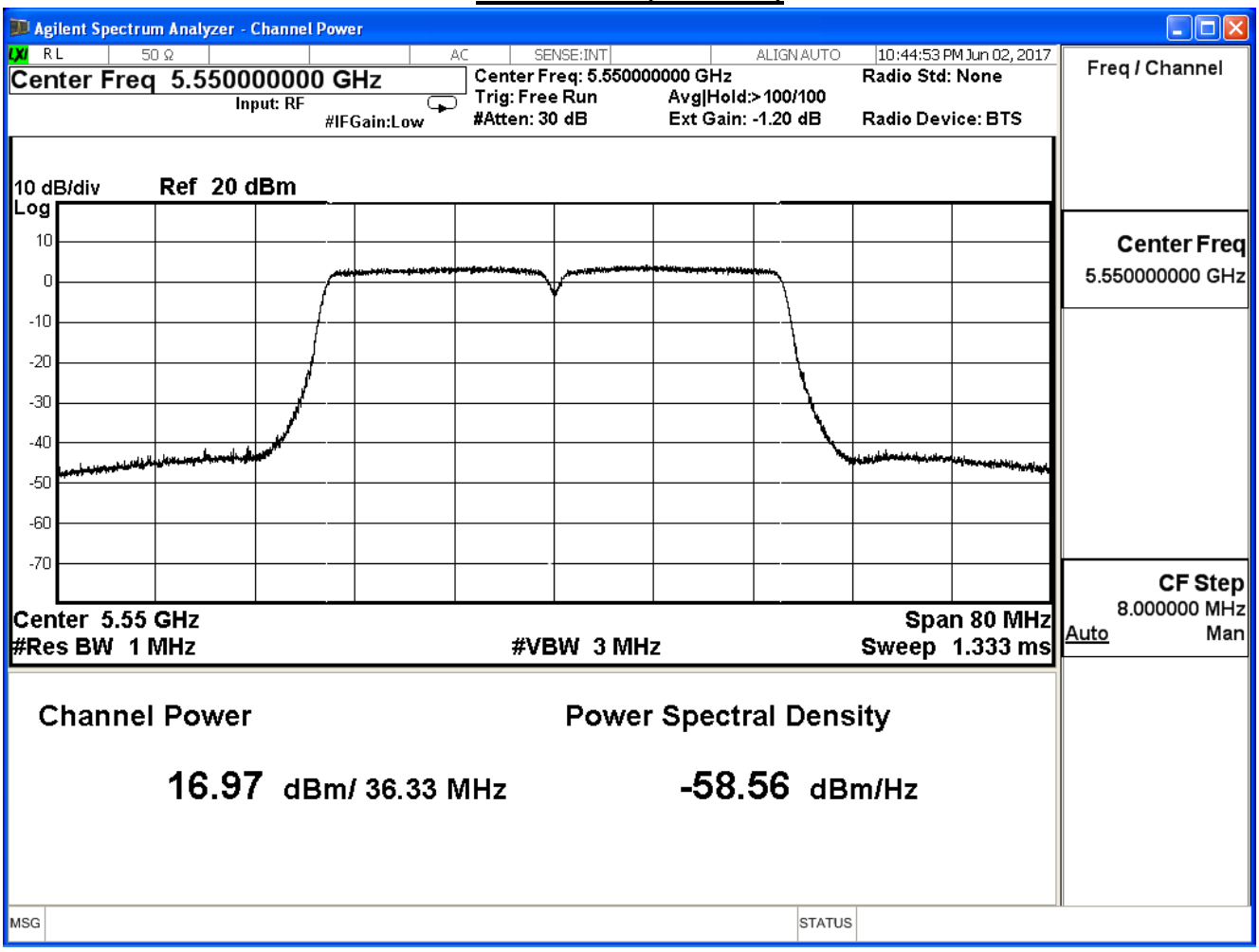
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

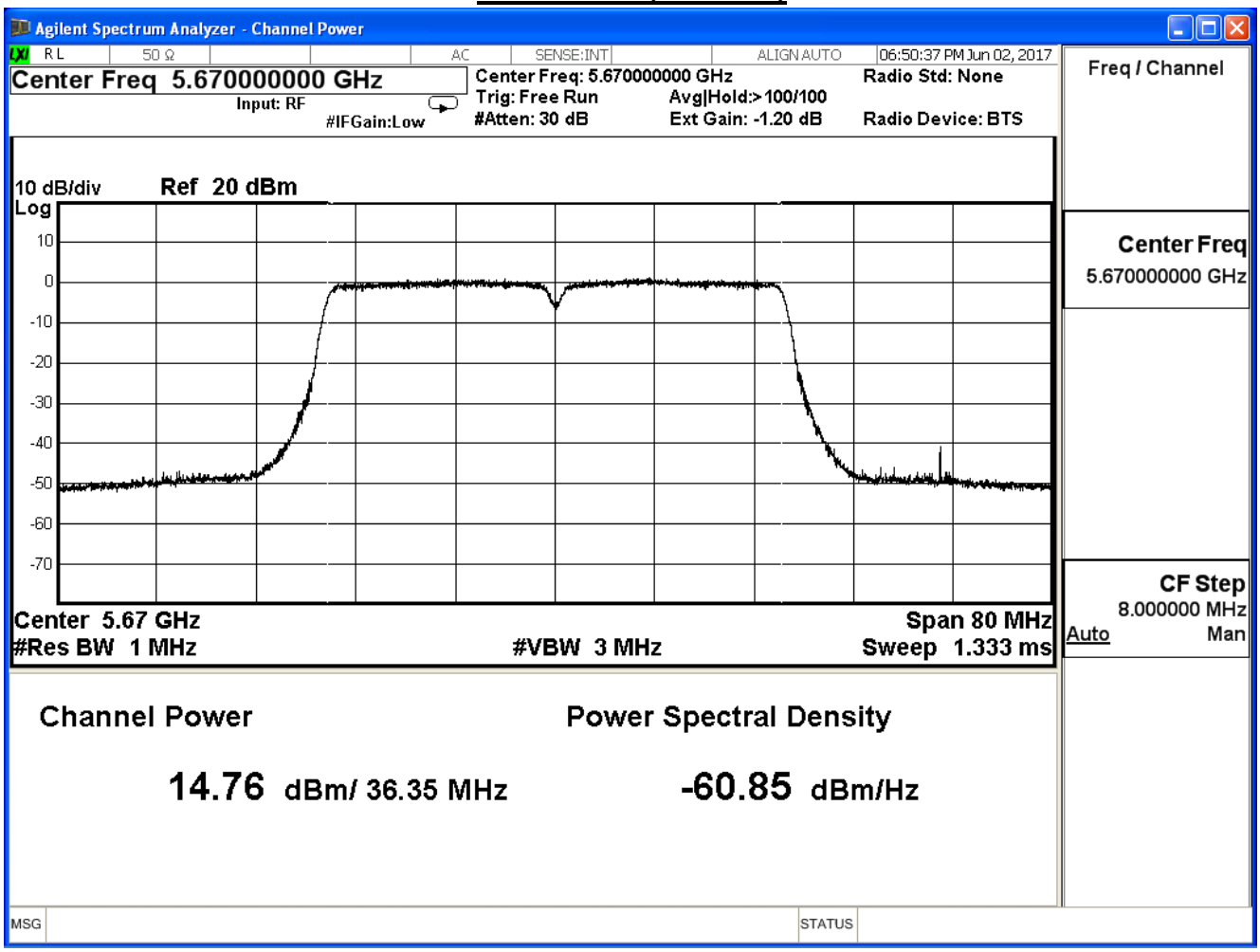
**Channel 102 (5510MHz)**



**Channel 110 (5550MHz)**



**Channel 134 (5670MHz)**



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11n(40MHz)(ANT 2)

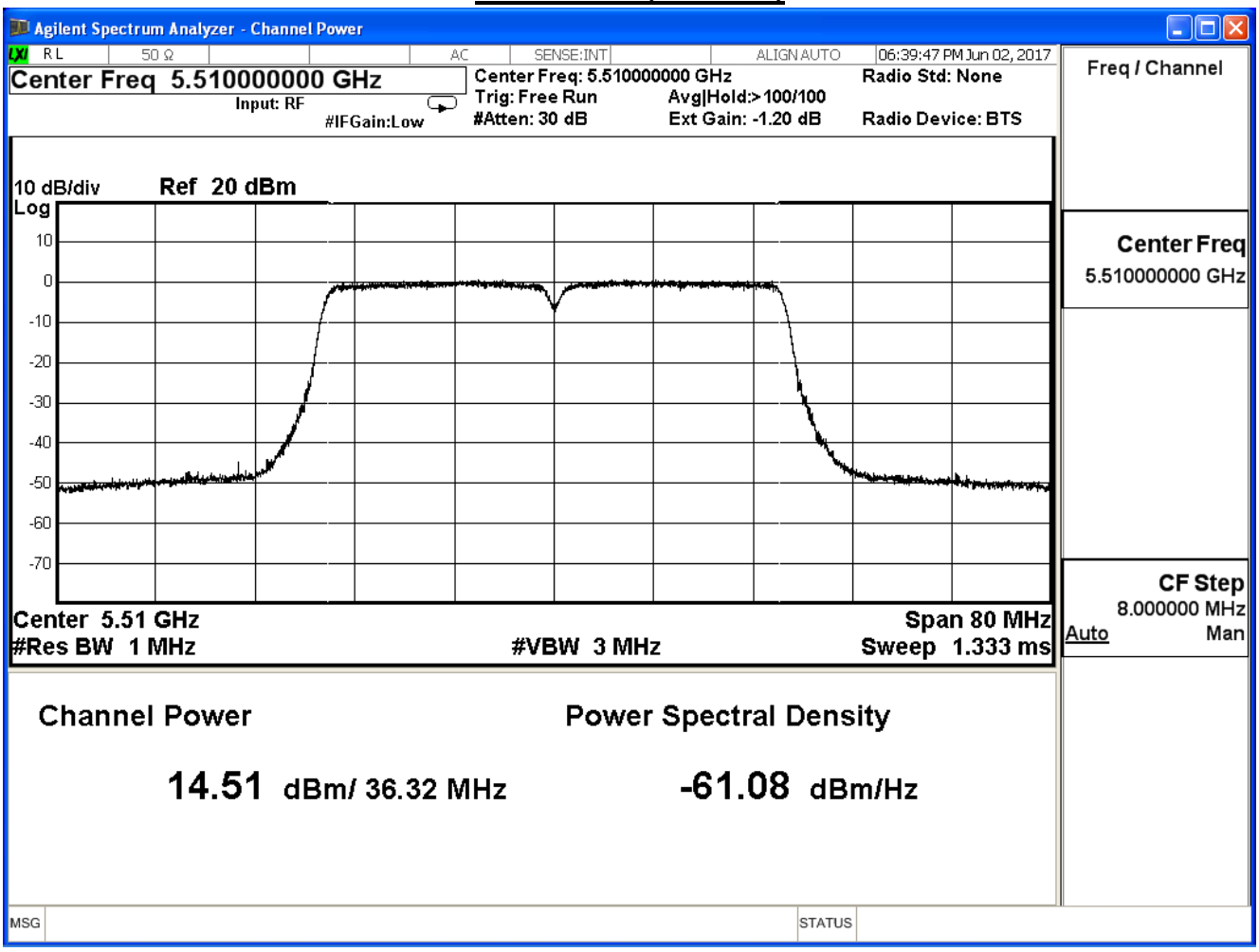
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 102 | 5510 | 14.510 | ≦23.449 |
| 110 | 5550 | 16.920 | ≦23.449 |
| 134 | 5670 | 14.730 | ≦23.449 |

The worst emission of data rate is MCS 0

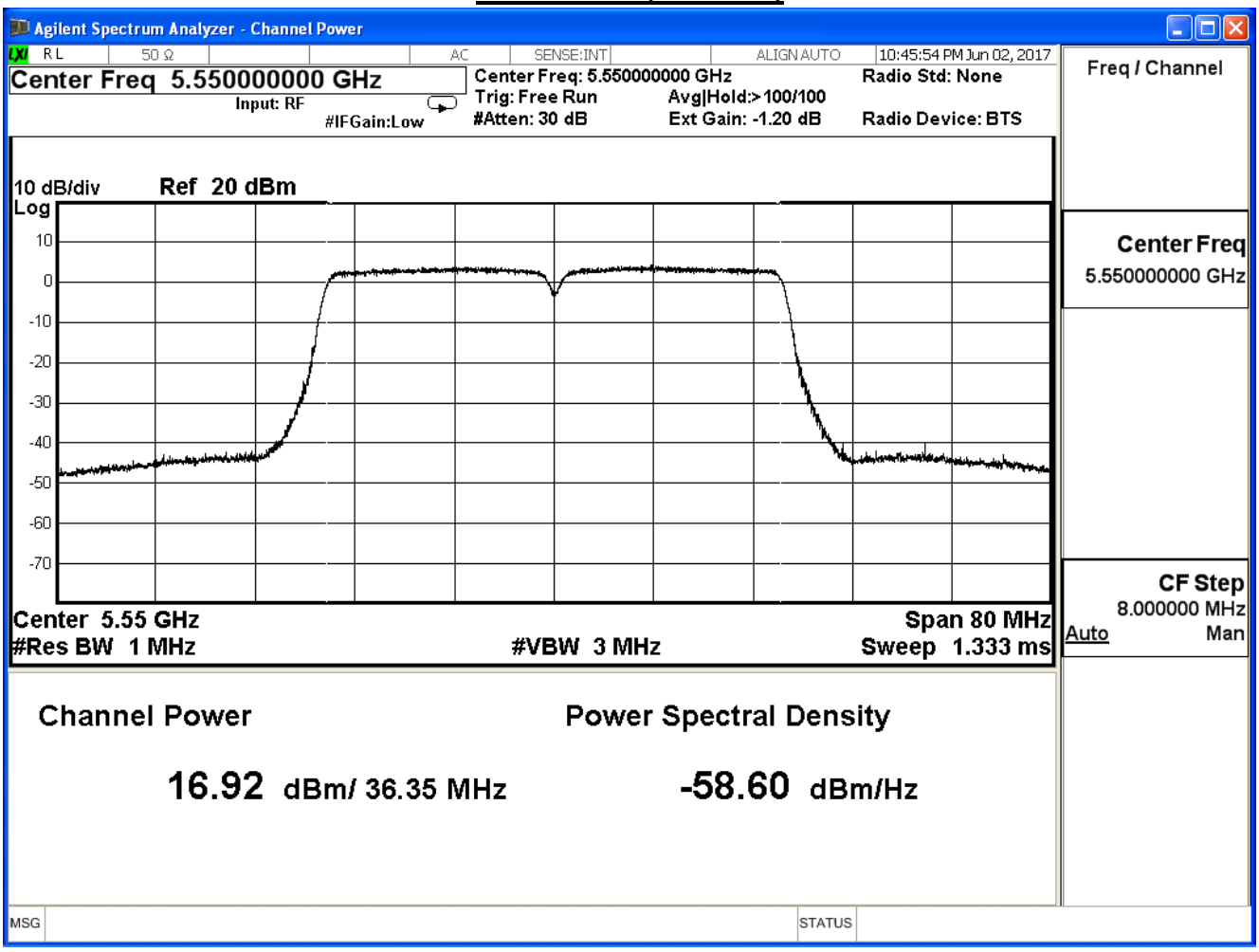
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

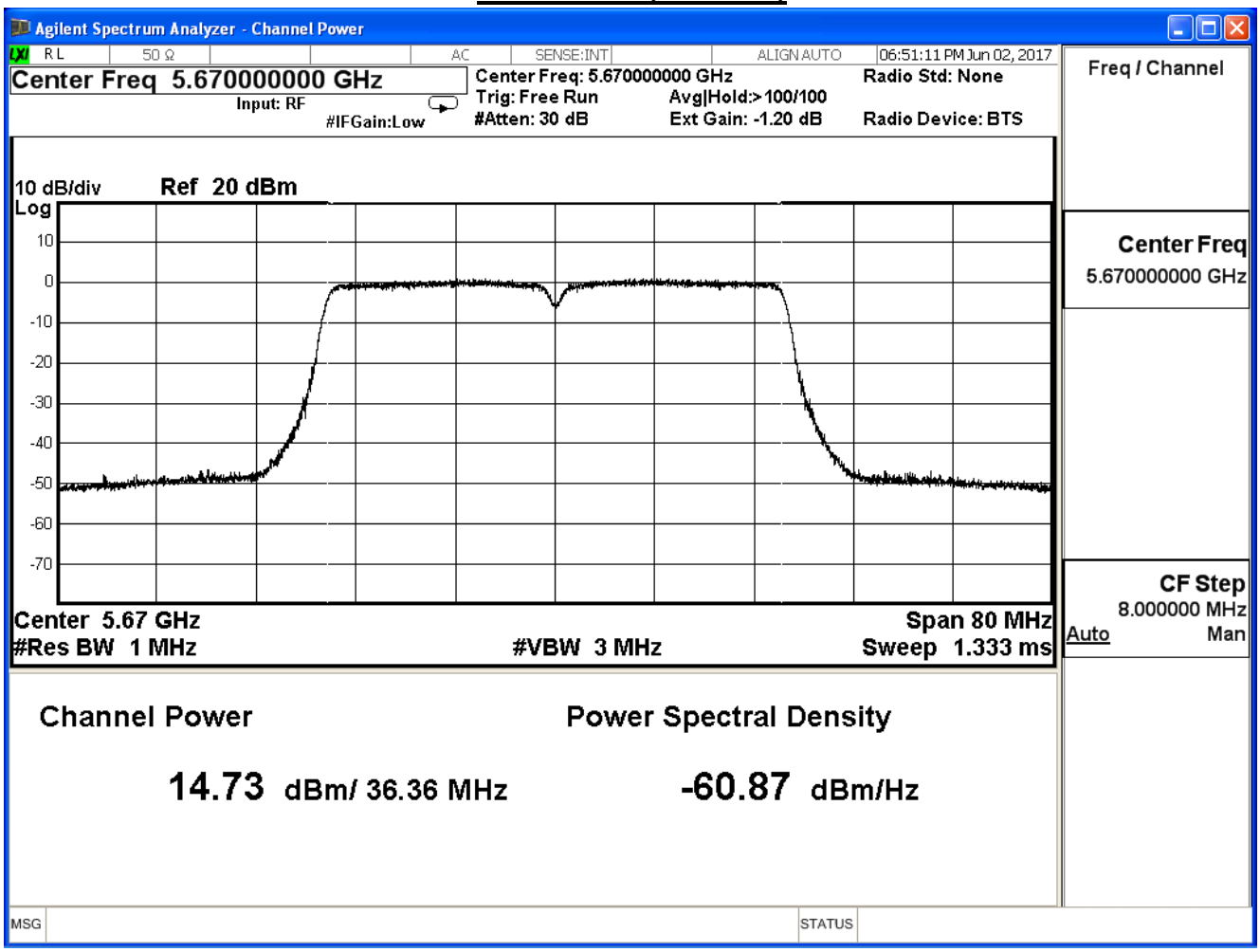
## Channel 102 (5510MHz)



**Channel 110 (5550MHz)**



## Channel 134 (5670MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11n(40MHz)(ANT 3)

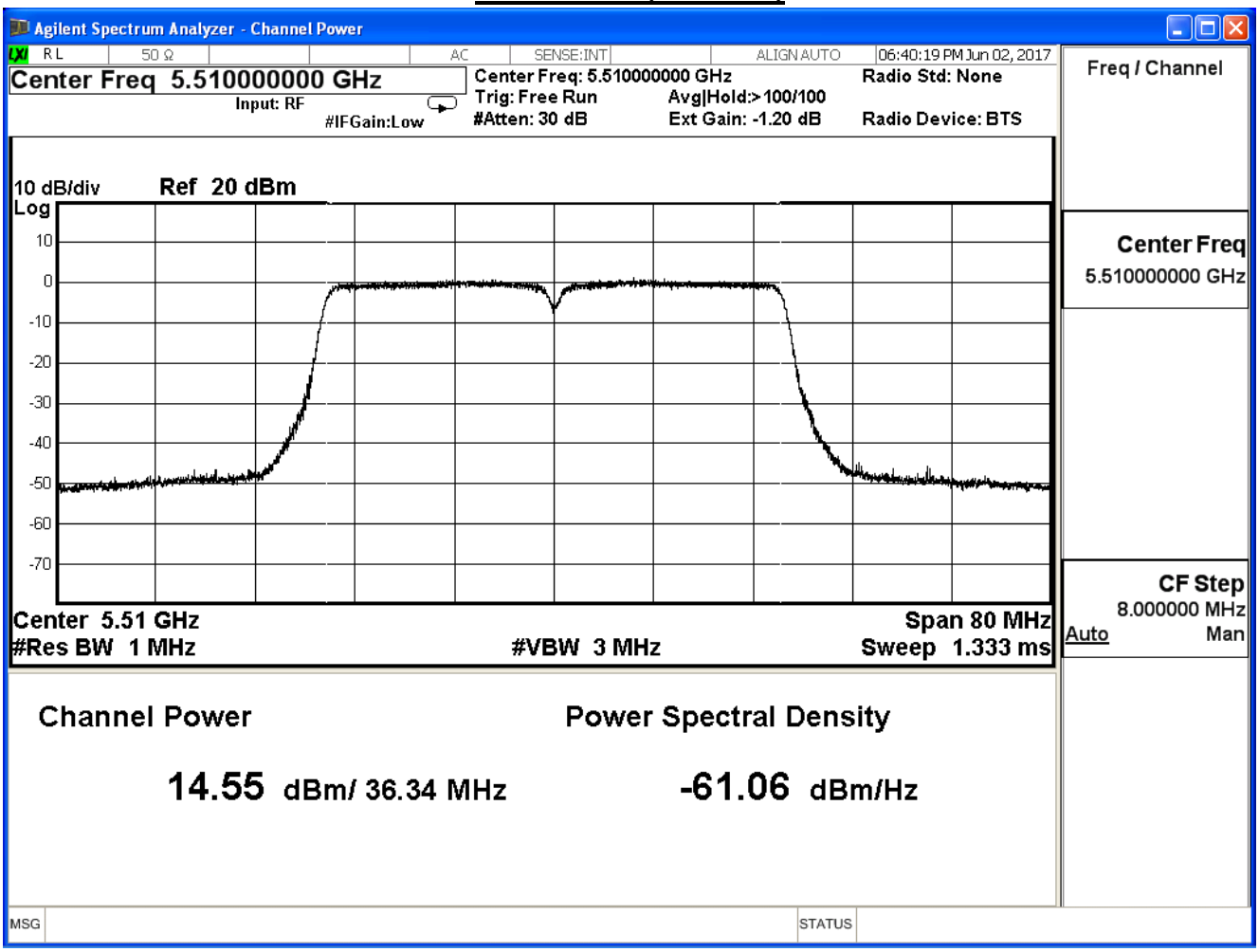
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 102 | 5510 | 14.550 | ≦23.449 |
| 110 | 5550 | 17.160 | ≦23.449 |
| 134 | 5670 | 14.740 | ≦23.449 |

The worst emission of data rate is MCS 0

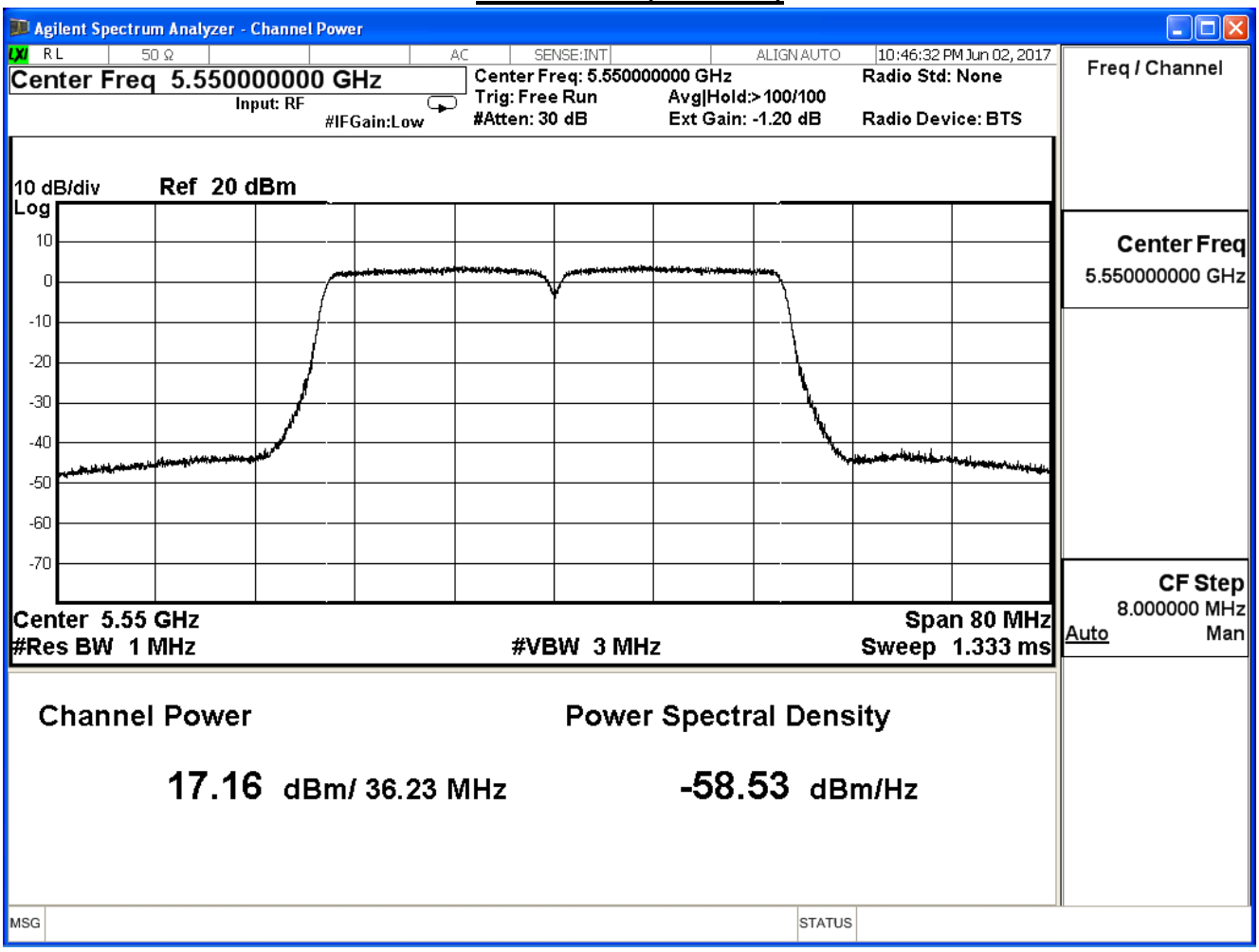
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

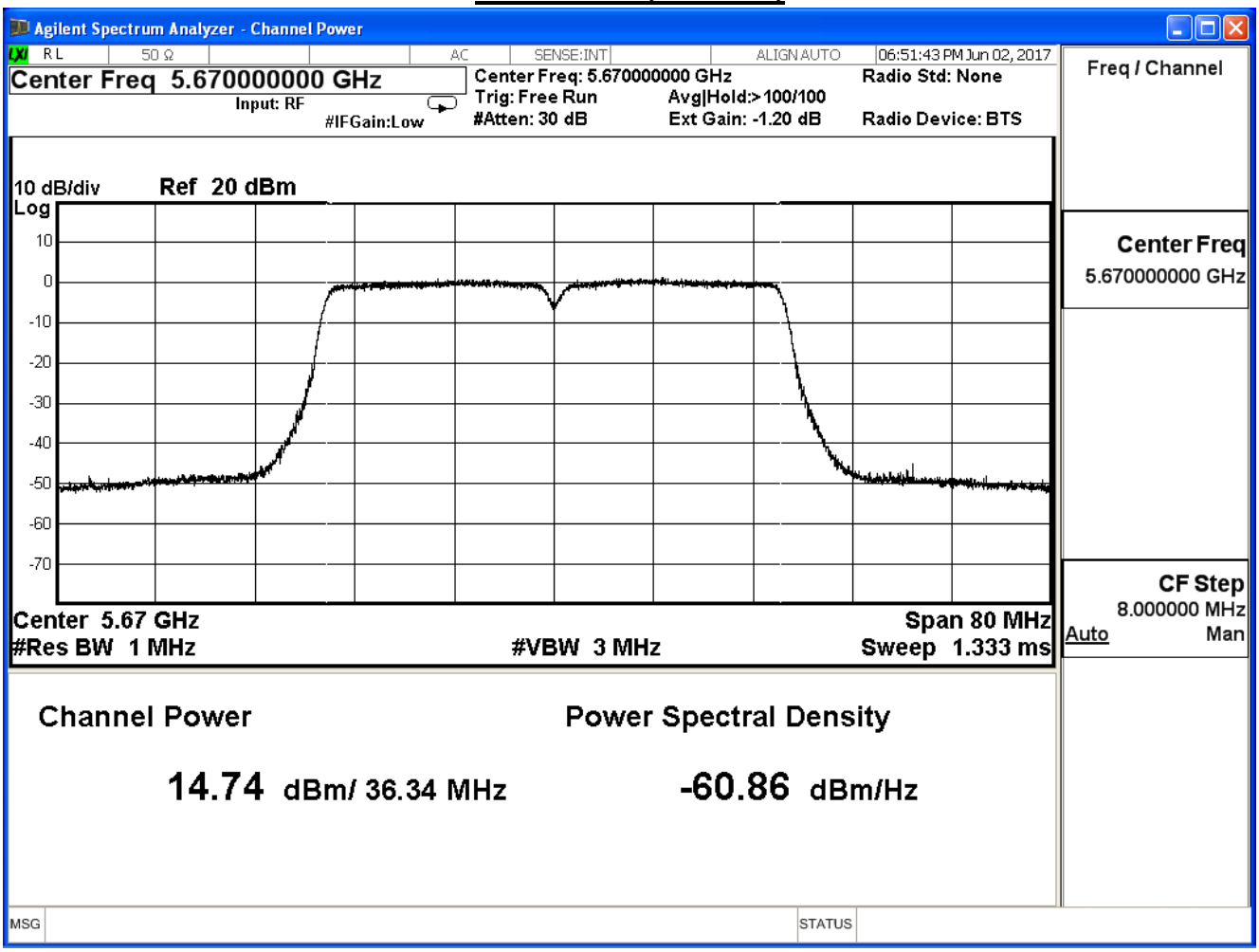
**Channel 102 (5510MHz)**



**Channel 110 (5550MHz)**



**Channel 134 (5670MHz)**



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11n(40MHz)(ANT 0+1+2+3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 102 | 5510 | 20.548 | ≦23.449 |
| 110 | 5550 | 23.062 | ≦23.449 |
| 134 | 5670 | 20.753 | ≦23.449 |

Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11ac(80MHz) (ANT 0)

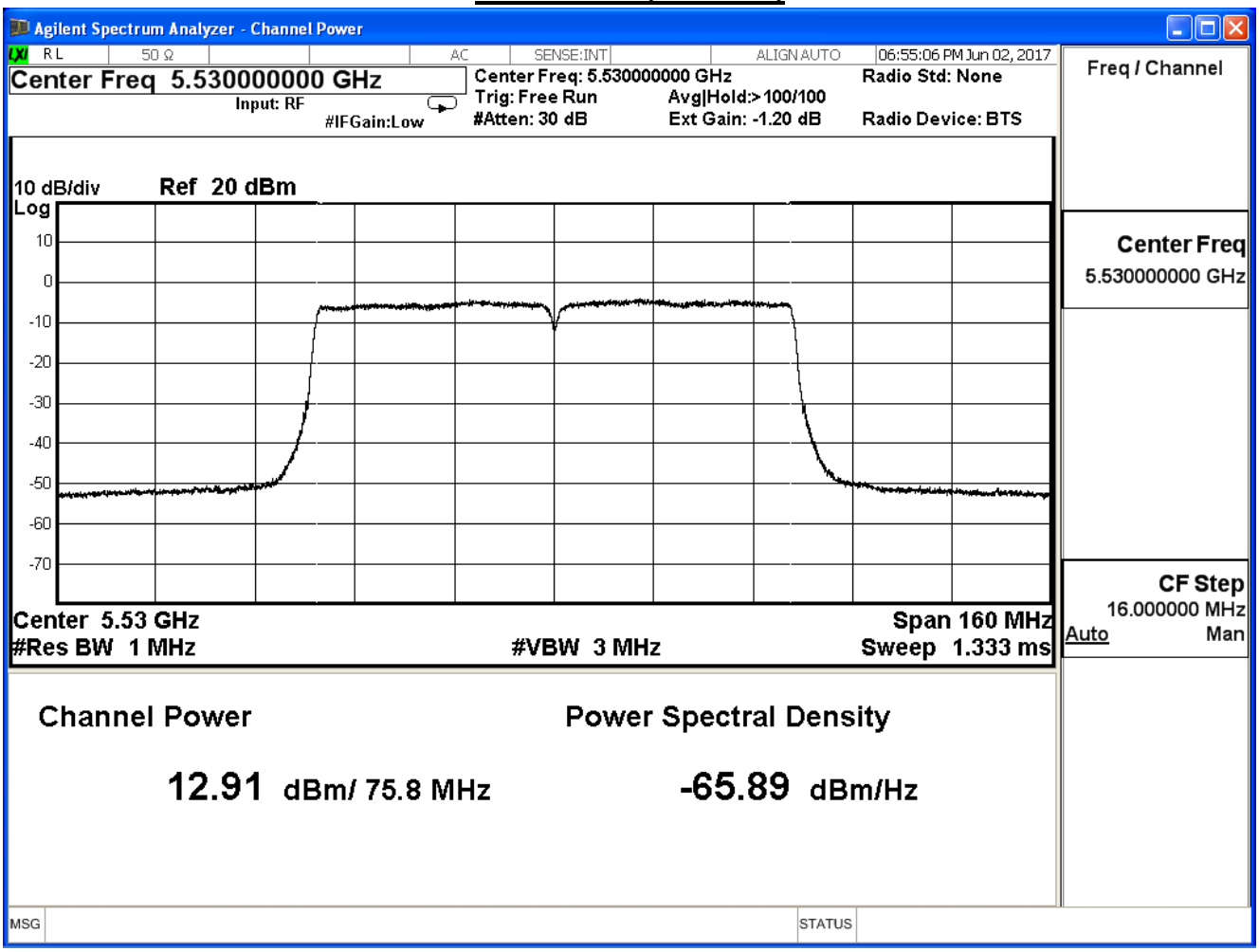
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 106 | 5530 | 12.910 | ≦23.449 |
| 122 | 5610 | 17.300 | ≦23.449 |

The worst emission of data rate is MCS0

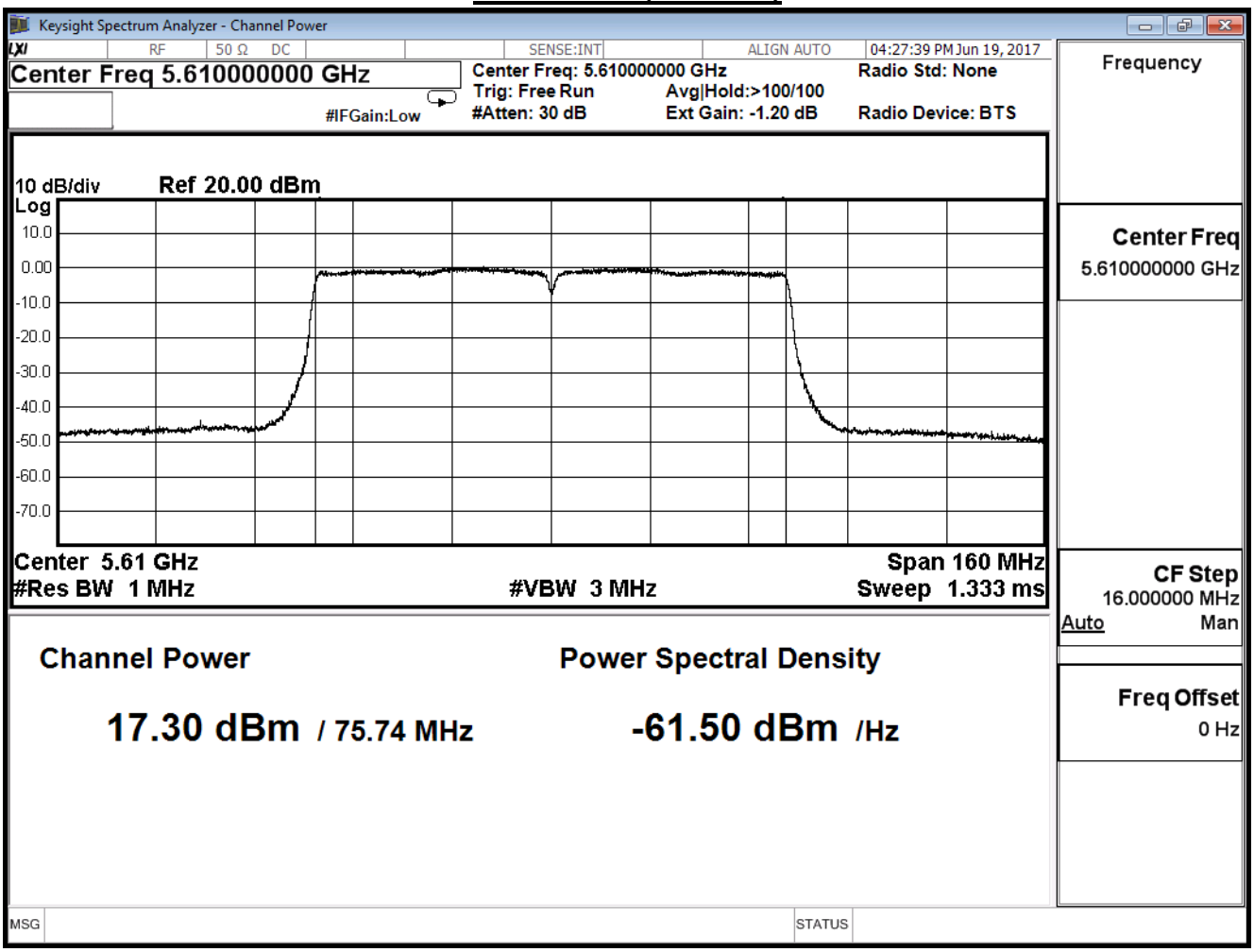
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

**Channel 106 (5530MHz)**



**Channel 122 (5610MHz)**



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11ac(80MHz) (ANT 1)

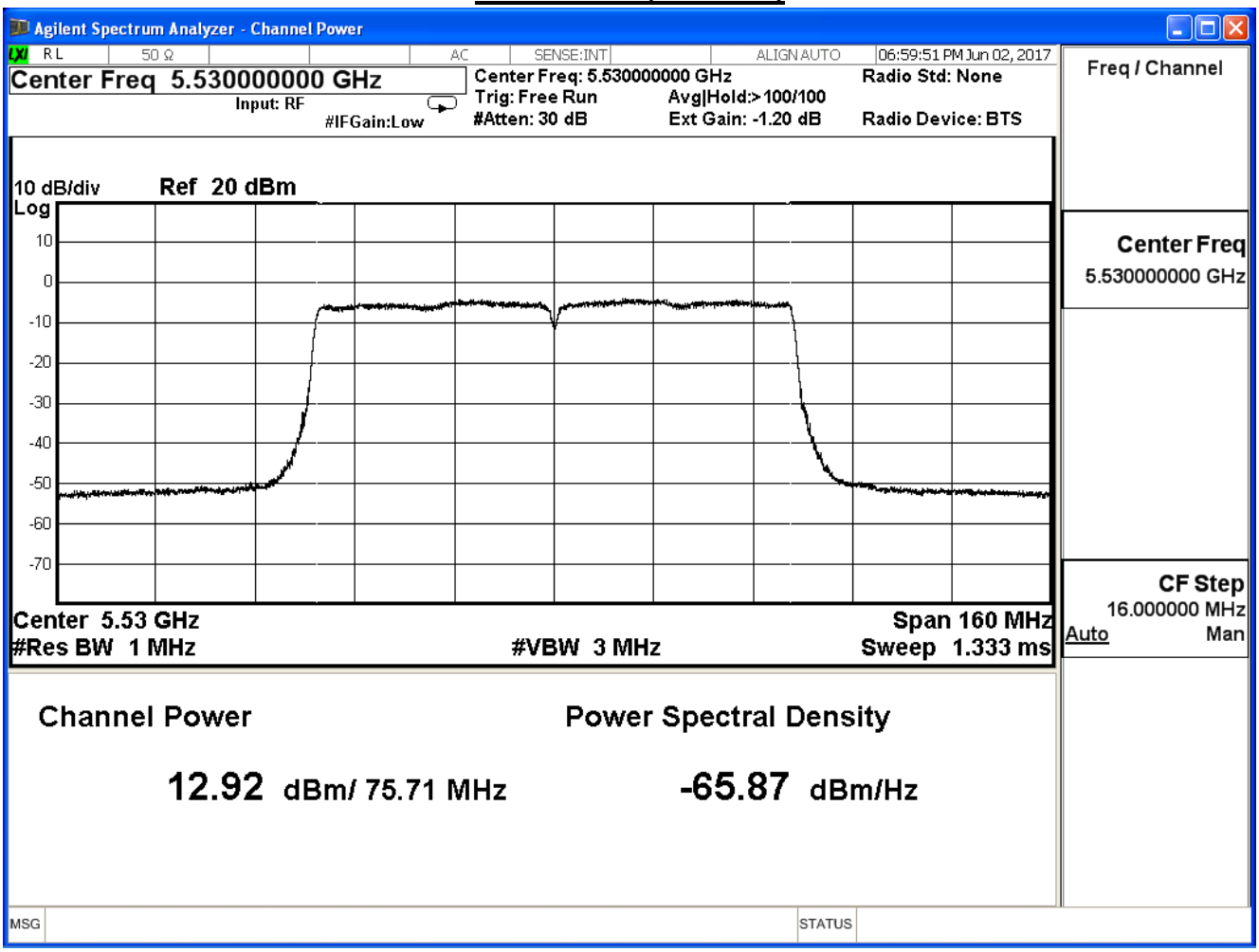
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 106 | 5530 | 12.920 | ≦23.449 |
| 122 | 5610 | 17.350 | ≦23.449 |

The worst emission of data rate is MCS0

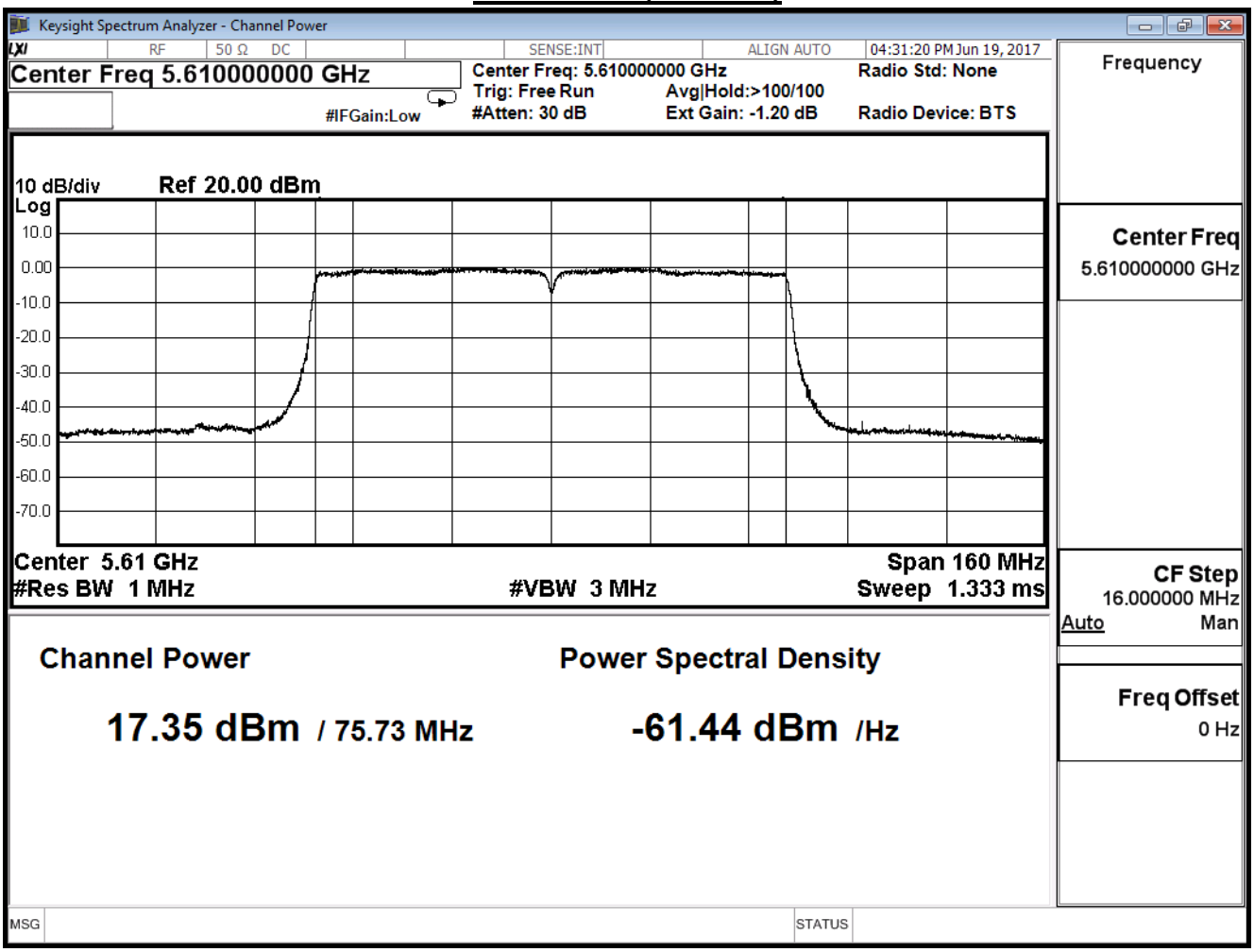
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

## Channel 106 (5530MHz)



**Channel 122 (5610MHz)**



| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11ac(80MHz) (ANT 2)

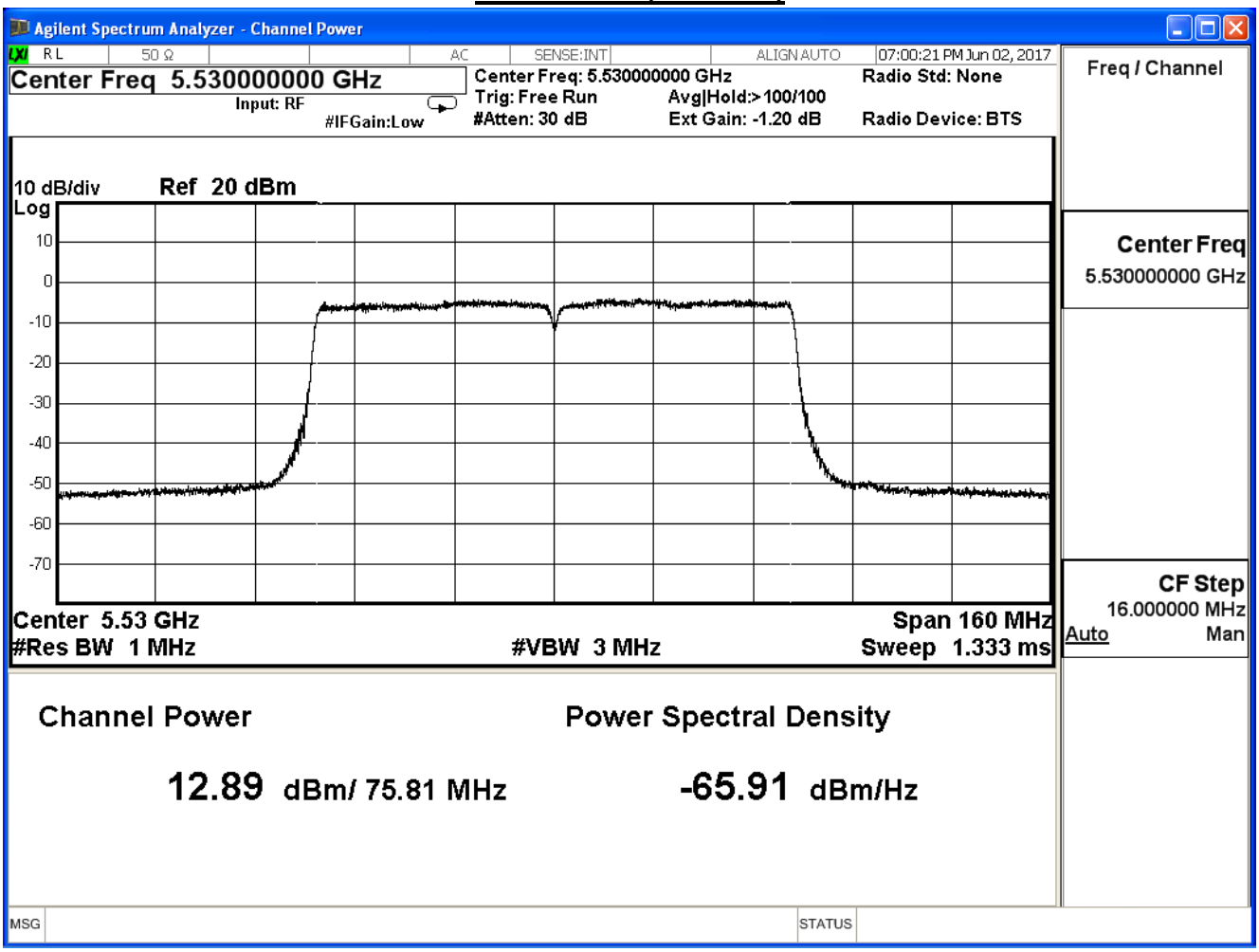
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 106 | 5530 | 12.890 | ≦23.449 |
| 122 | 5610 | 17.390 | ≦23.449 |

The worst emission of data rate is MCS0

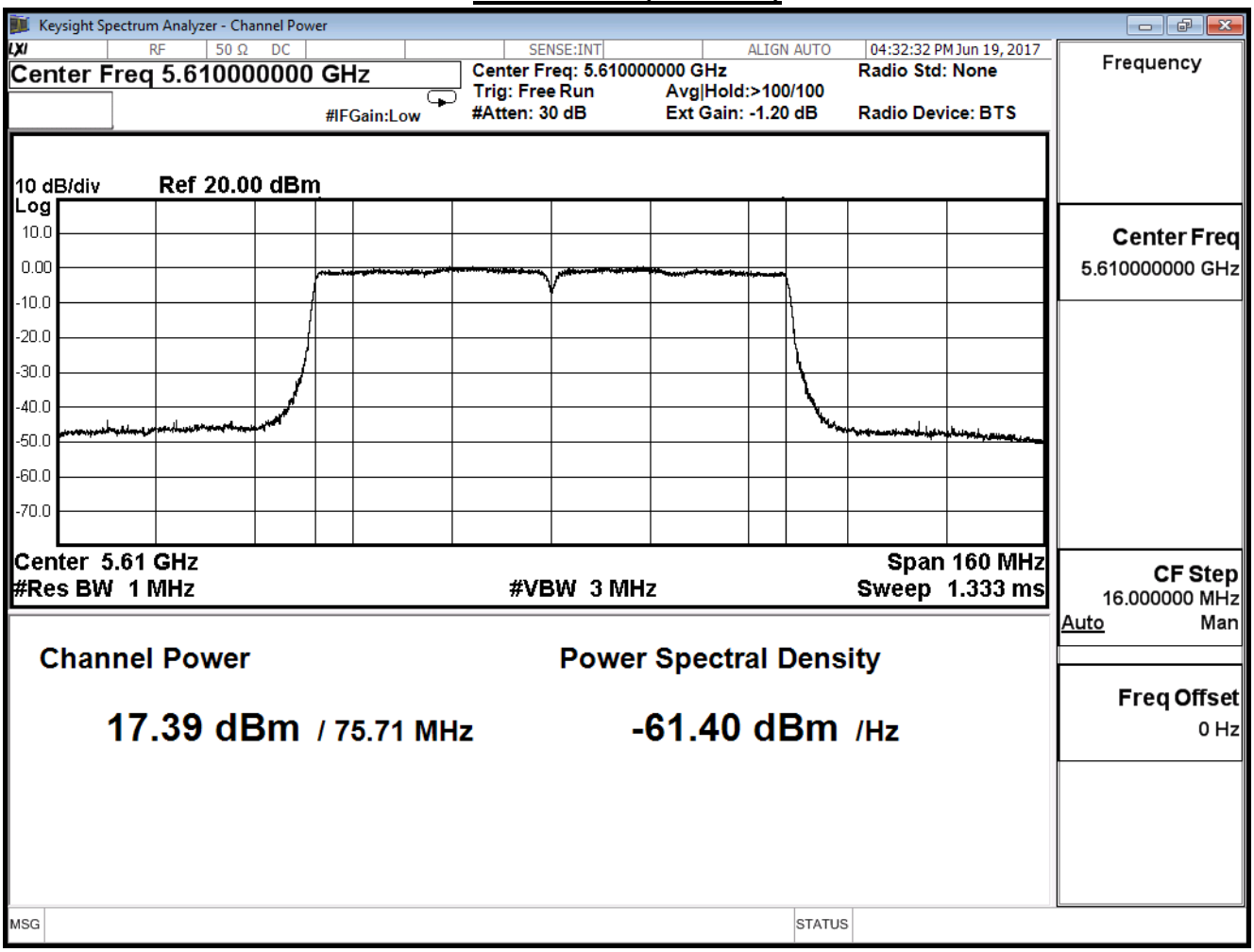
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

**Channel 106 (5530MHz)**



**Channel 122 (5610MHz)**



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11ac(80MHz) (ANT 3)

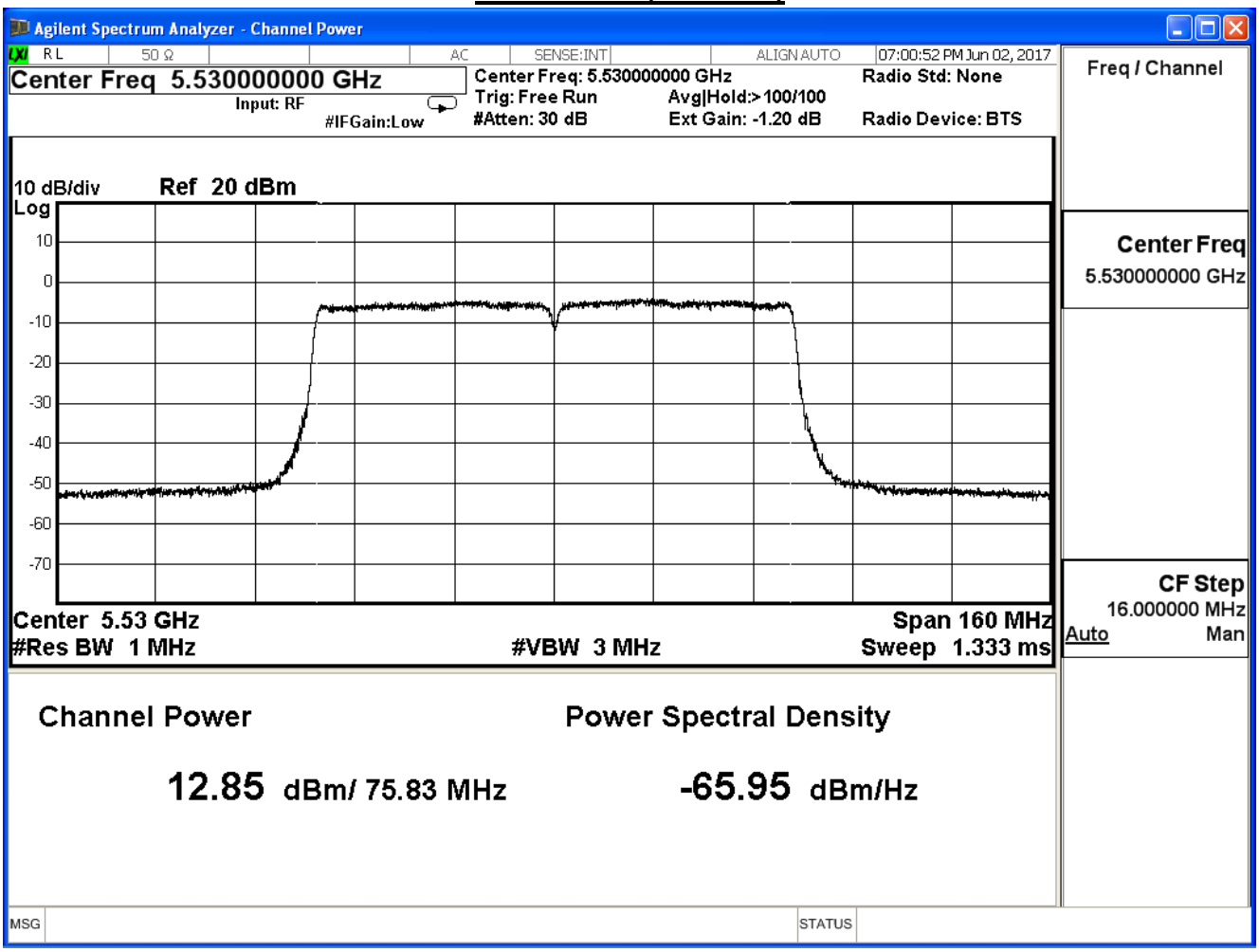
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 106 | 5530 | 12.850 | ≦23.449 |
| 122 | 5610 | 17.290 | ≦23.449 |

The worst emission of data rate is MCS0

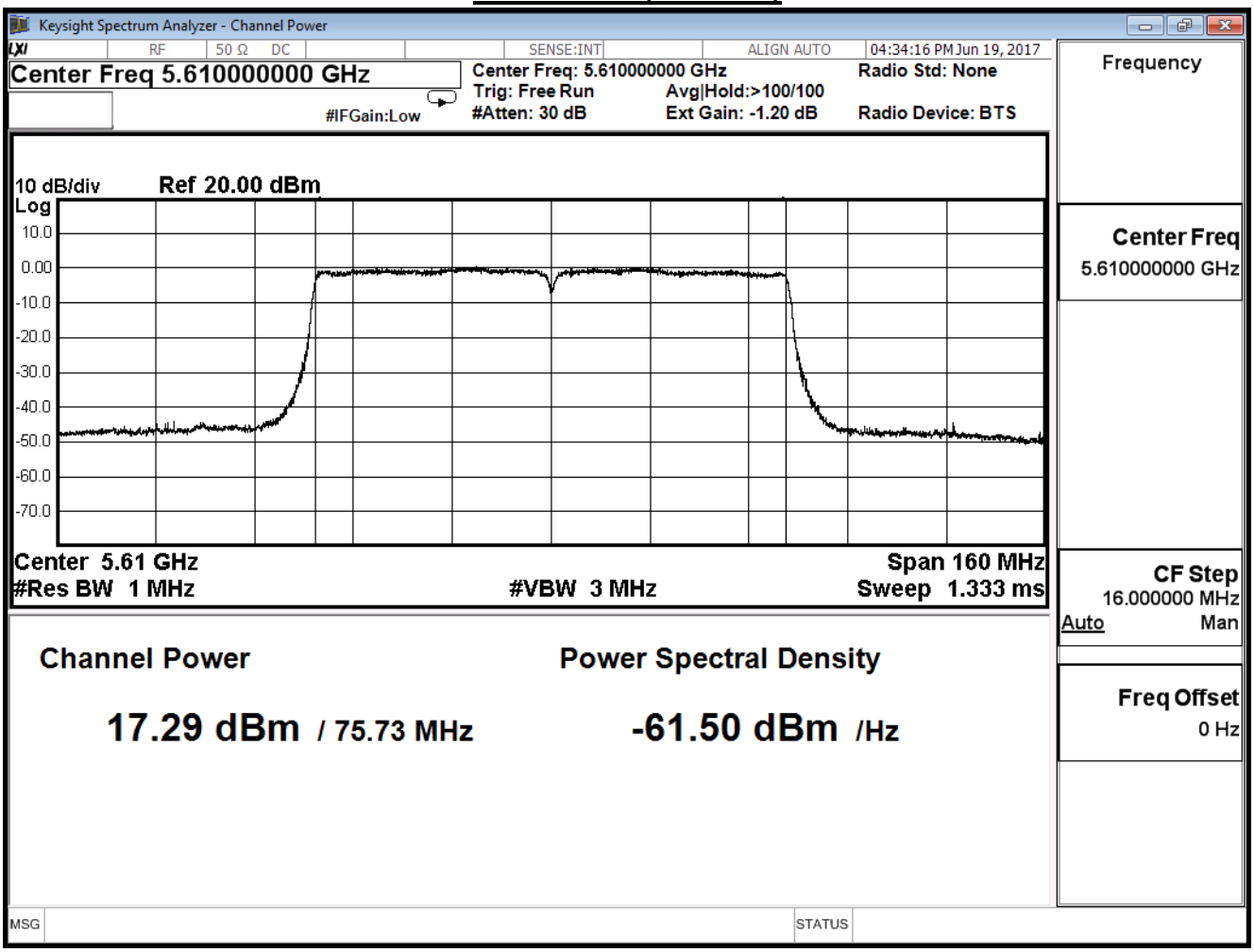
Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

## Channel 106 (5530MHz)



**Channel 122 (5610MHz)**



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/06/02 | Test Site | SR10-H |

IEEE 802.11ac(80MHz)(ANT 0+1+2+3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 106 | 5530 | 18.913 | ≦23.449 |
| 122 | 5610 | 23.353 | ≦23.449 |

Directional gain=10log(ANT N)+Gain=4.77+1.781=6.551

Limit =24dBm-(6.551dBi-6dBi)=23.449dBm

| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 1: Tx_ADP: AD890326010-2LF_ CDD Mode (802.11 a) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

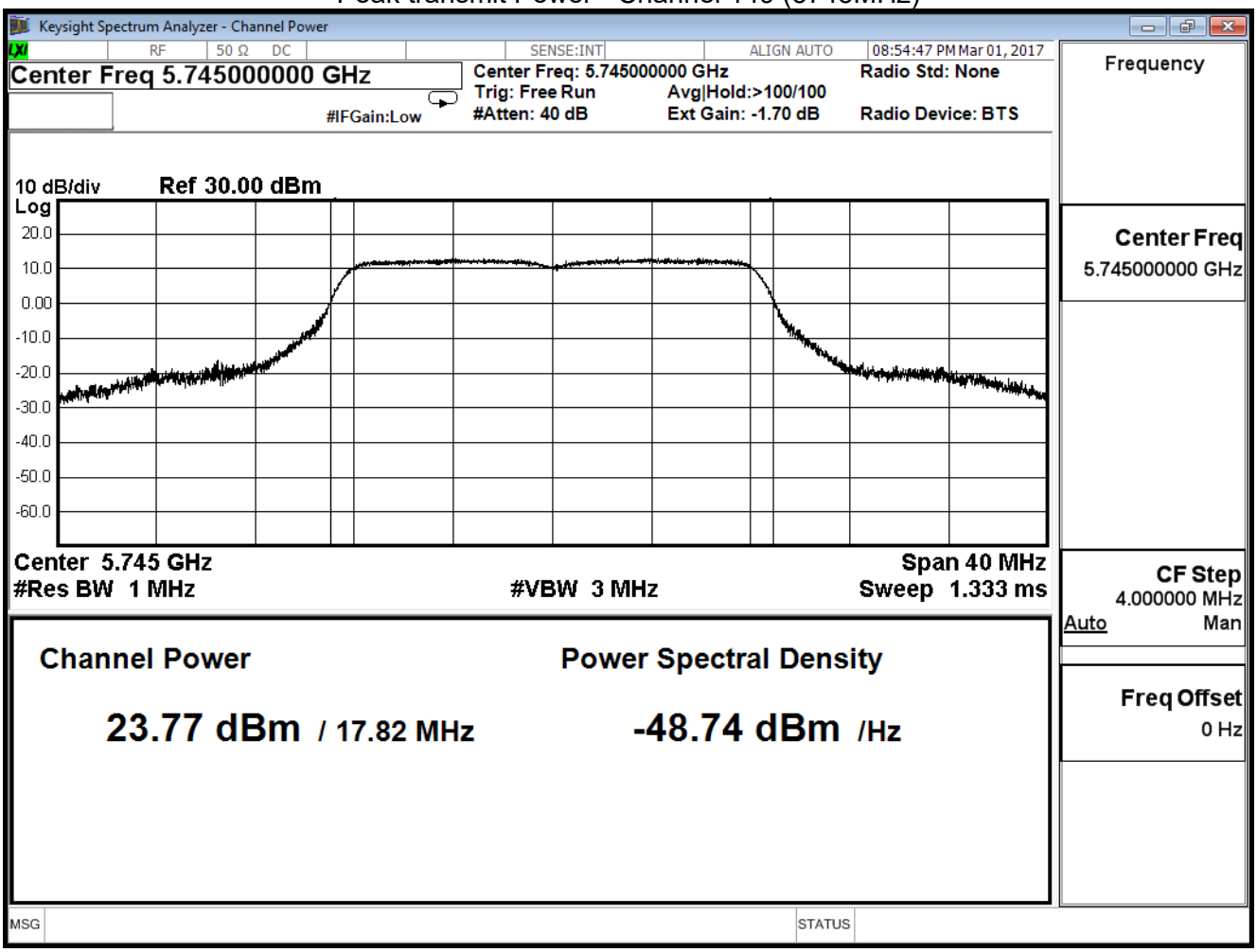
IEEE 802.11a (ANT 0)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.770 | ≤30 |
| 157 | 5785 | 23.910 | ≤30 |
| 165 | 5825 | 23.970 | ≤30 |

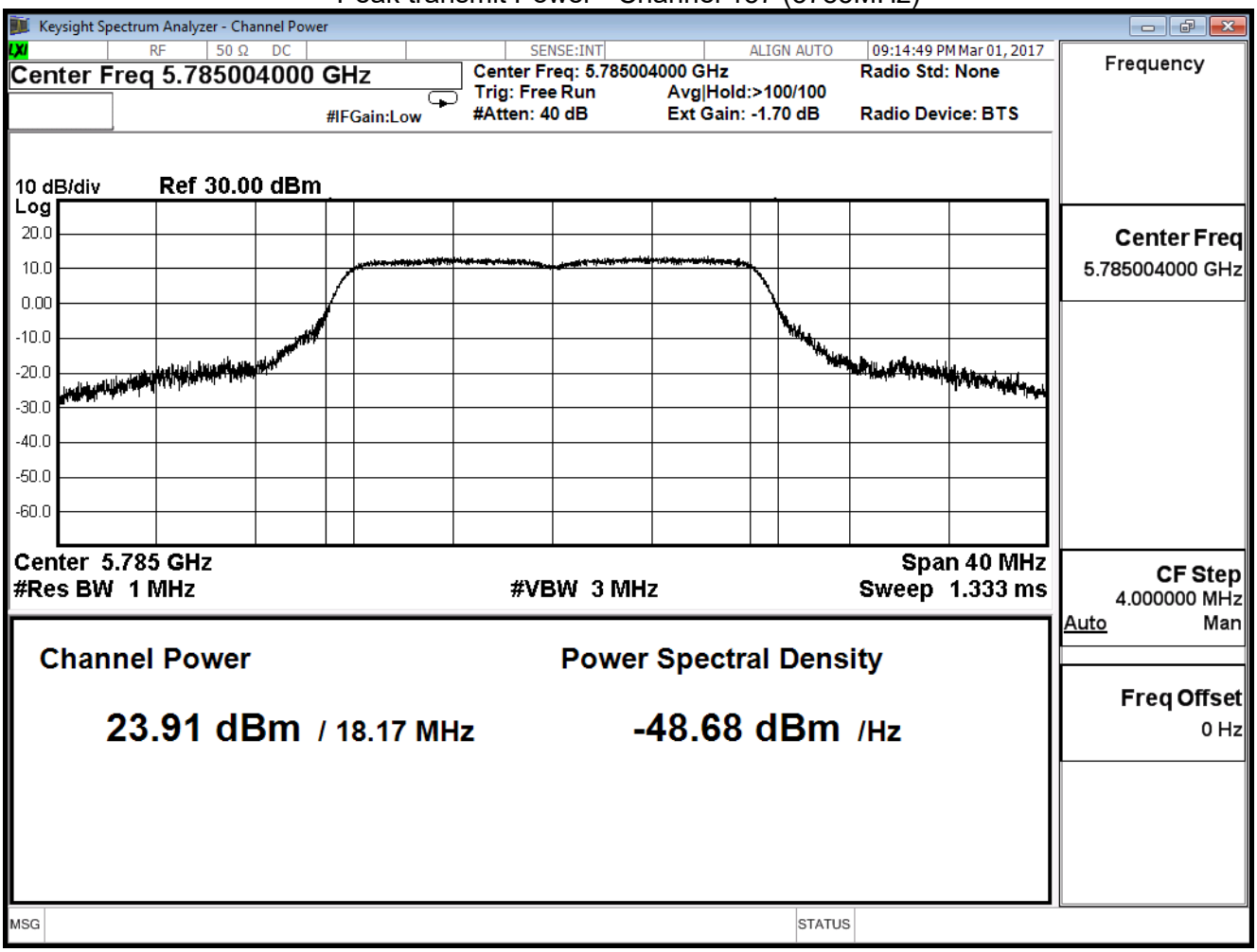
The worst emission of data rate is 6 Mbps.

| Peak Power Output (dBm) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | Data Rate | | | | | | | Required Limit |
| | | 6 | 12 | 18 | 24 | 36 | 48 | 54 | |
| 149 | 5745 | 23.770 | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 157 | 5785 | 23.910 | 23.880 | 23.800 | 23.7630 | 23.720 | 23.680 | 23.620 | |
| 165 | 5825 | 23.970 | -- | -- | -- | -- | -- | -- | |

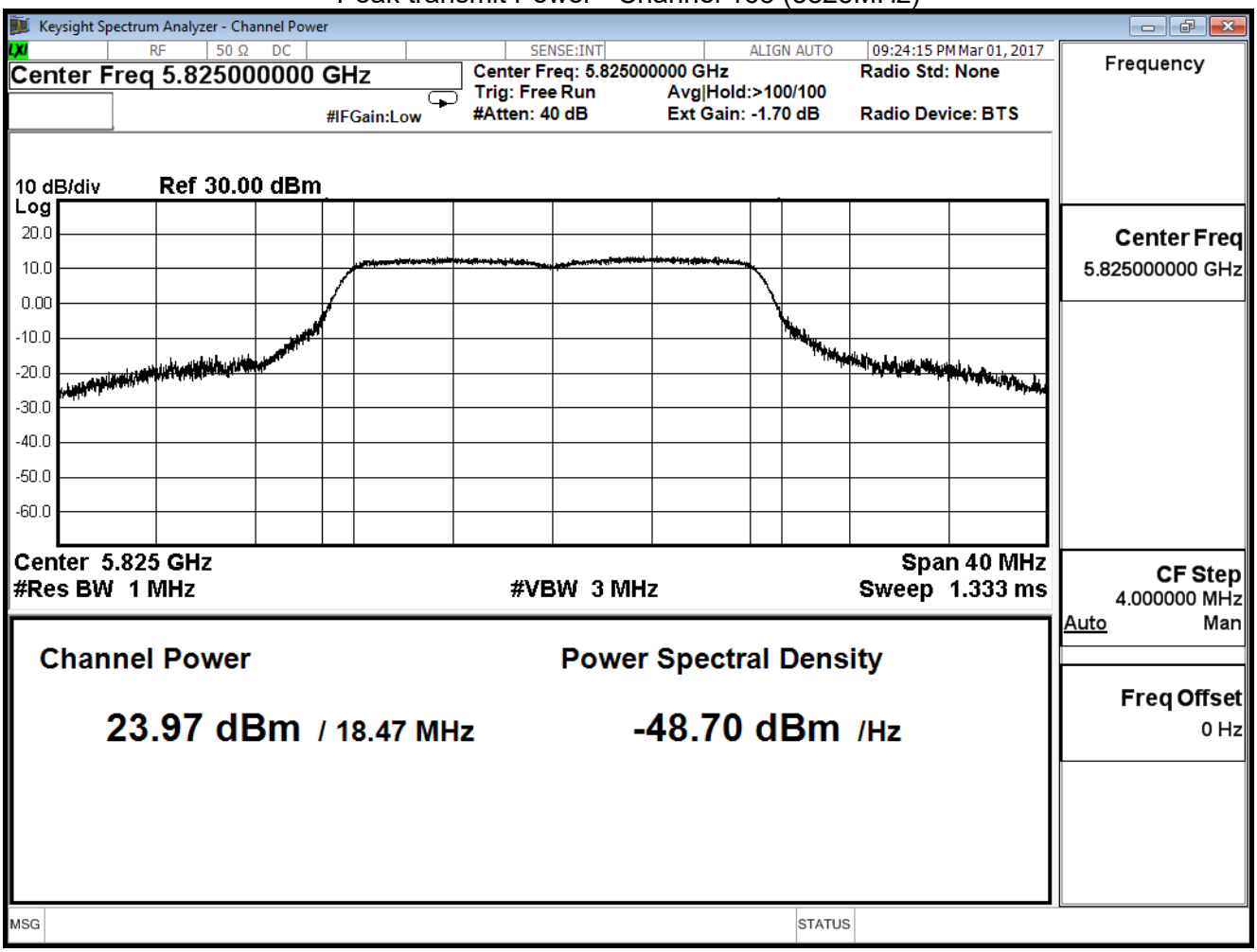
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 1: Tx_ADP: AD890326010-2LF_ CDD Mode (802.11 a) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

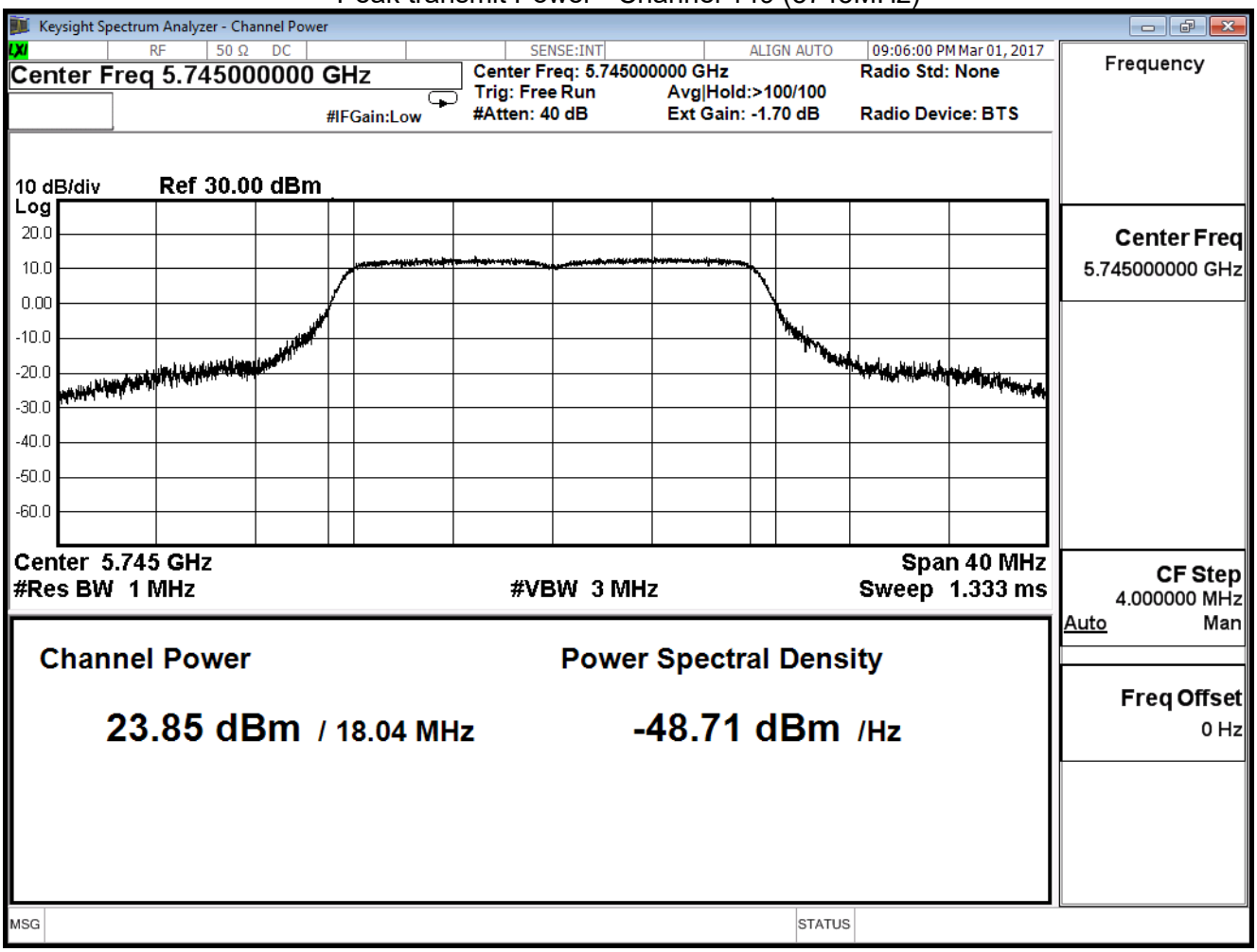
IEEE 802.11a (ANT 1)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.850 | ≤30 |
| 157 | 5785 | 23.880 | ≤30 |
| 165 | 5825 | 23.980 | ≤30 |

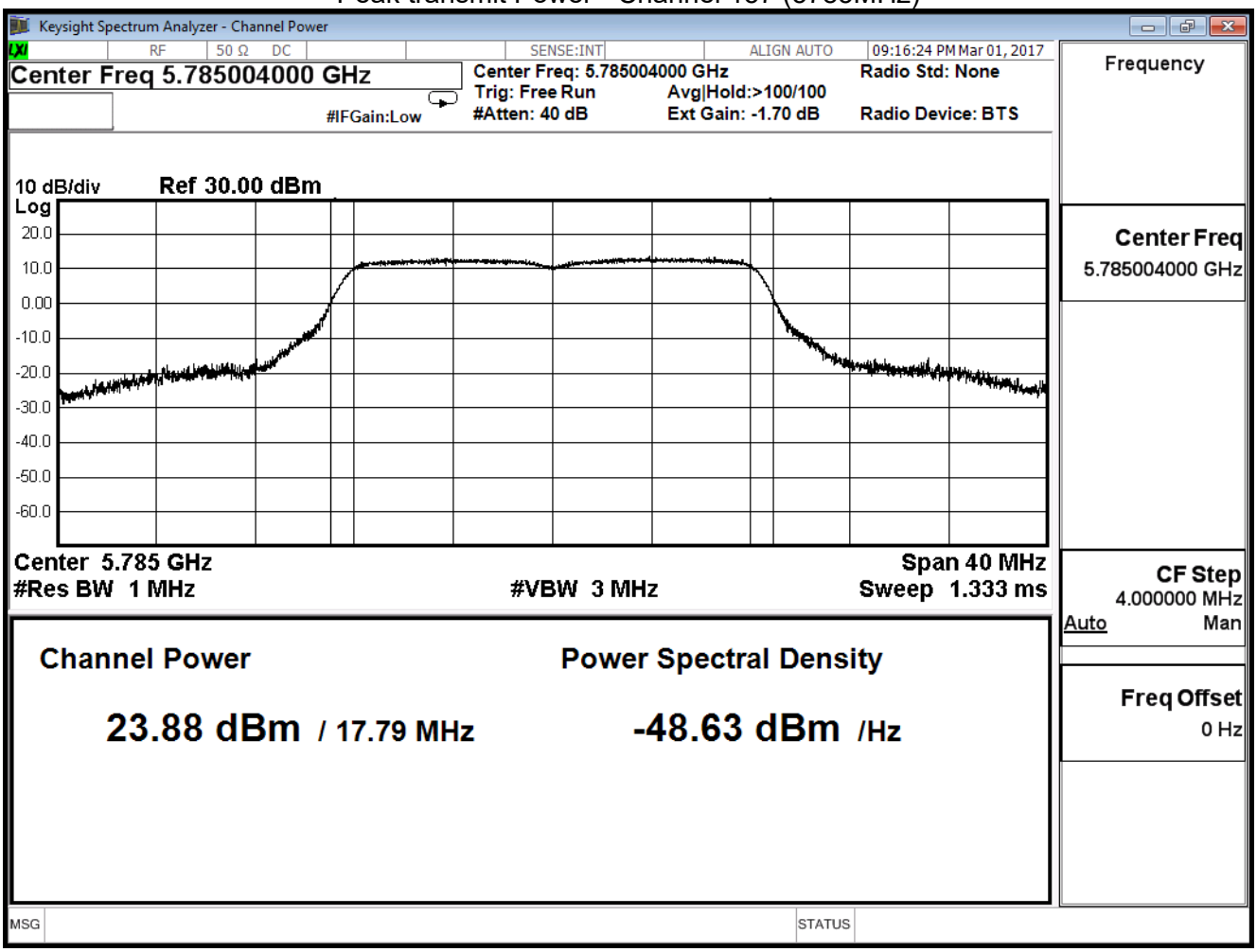
The worst emission of data rate is 6 Mbps.

| Peak Power Output (dBm) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | Data Rate | | | | | | | Required Limit |
| | | 6 | 12 | 18 | 24 | 36 | 48 | 54 | |
| 149 | 5745 | 23.850 | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 157 | 5785 | 23.880 | 23.820 | 23.800 | 22.770 | 22.720 | 22.680 | 22.550 | |
| 165 | 5825 | 23.980 | -- | -- | -- | -- | -- | -- | |

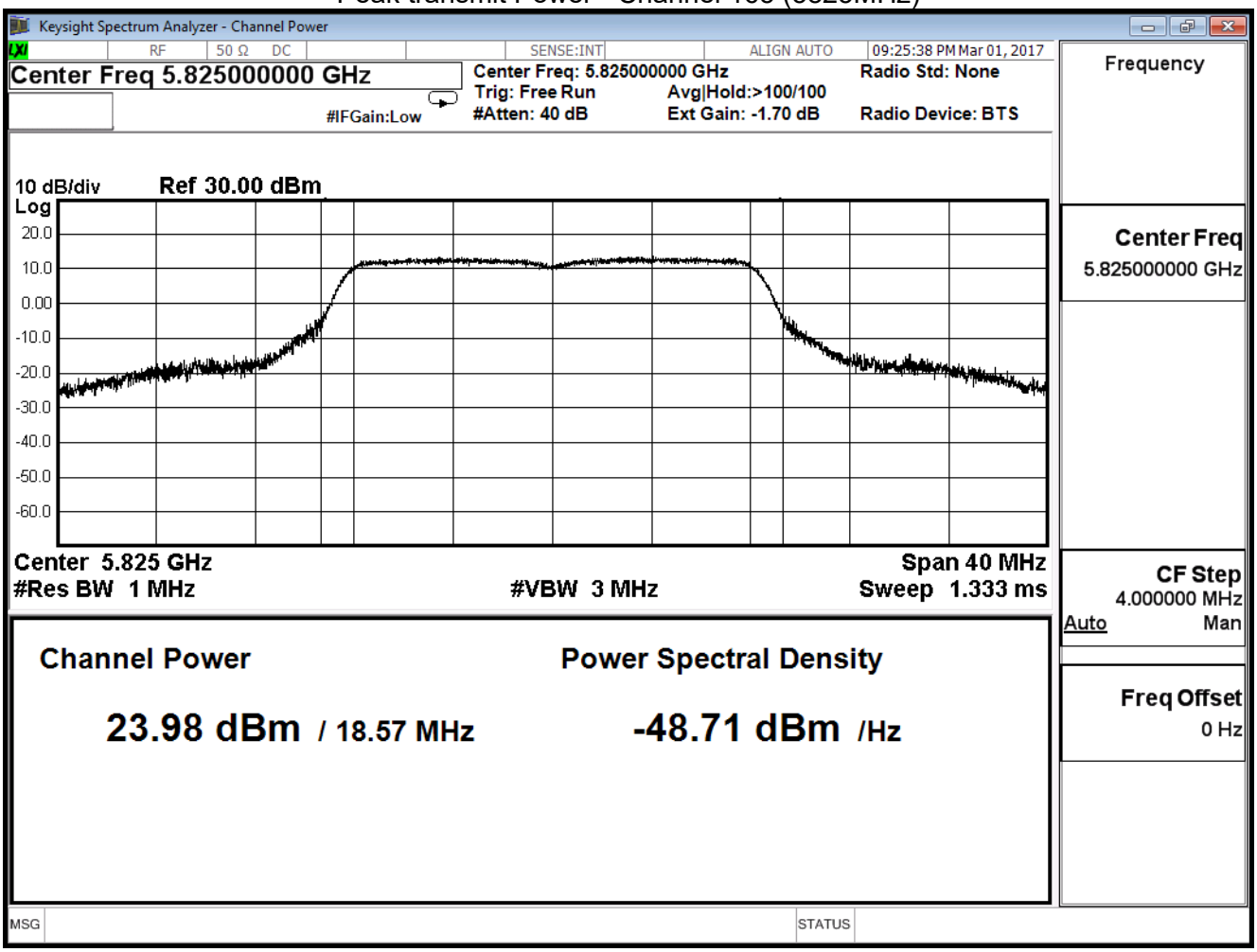
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 1: Tx_ADP: AD890326010-2LF_ CDD Mode (802.11 a) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

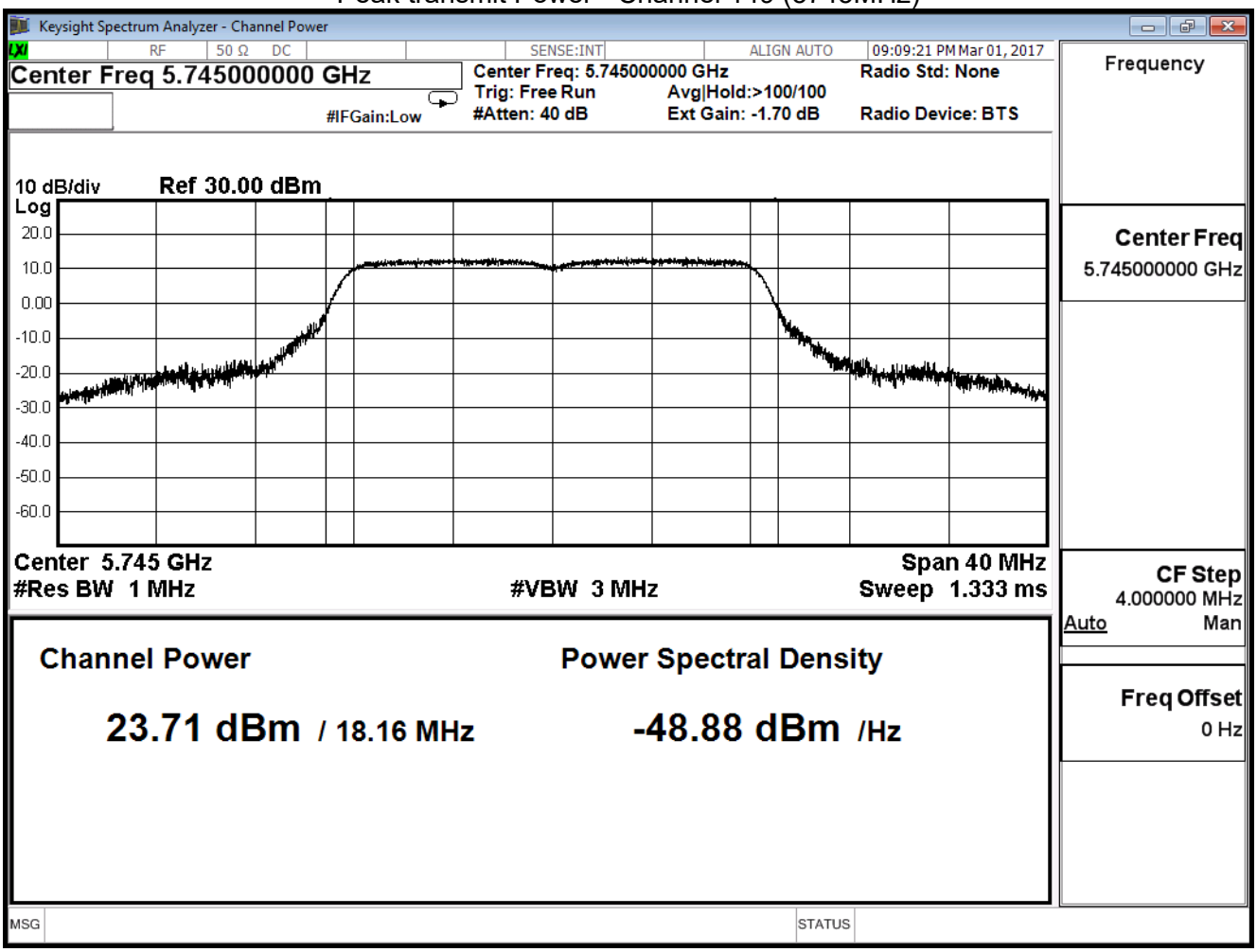
IEEE 802.11a (ANT2)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.710 | ≤30 |
| 157 | 5785 | 23.860 | ≤30 |
| 165 | 5825 | 23.910 | ≤30 |

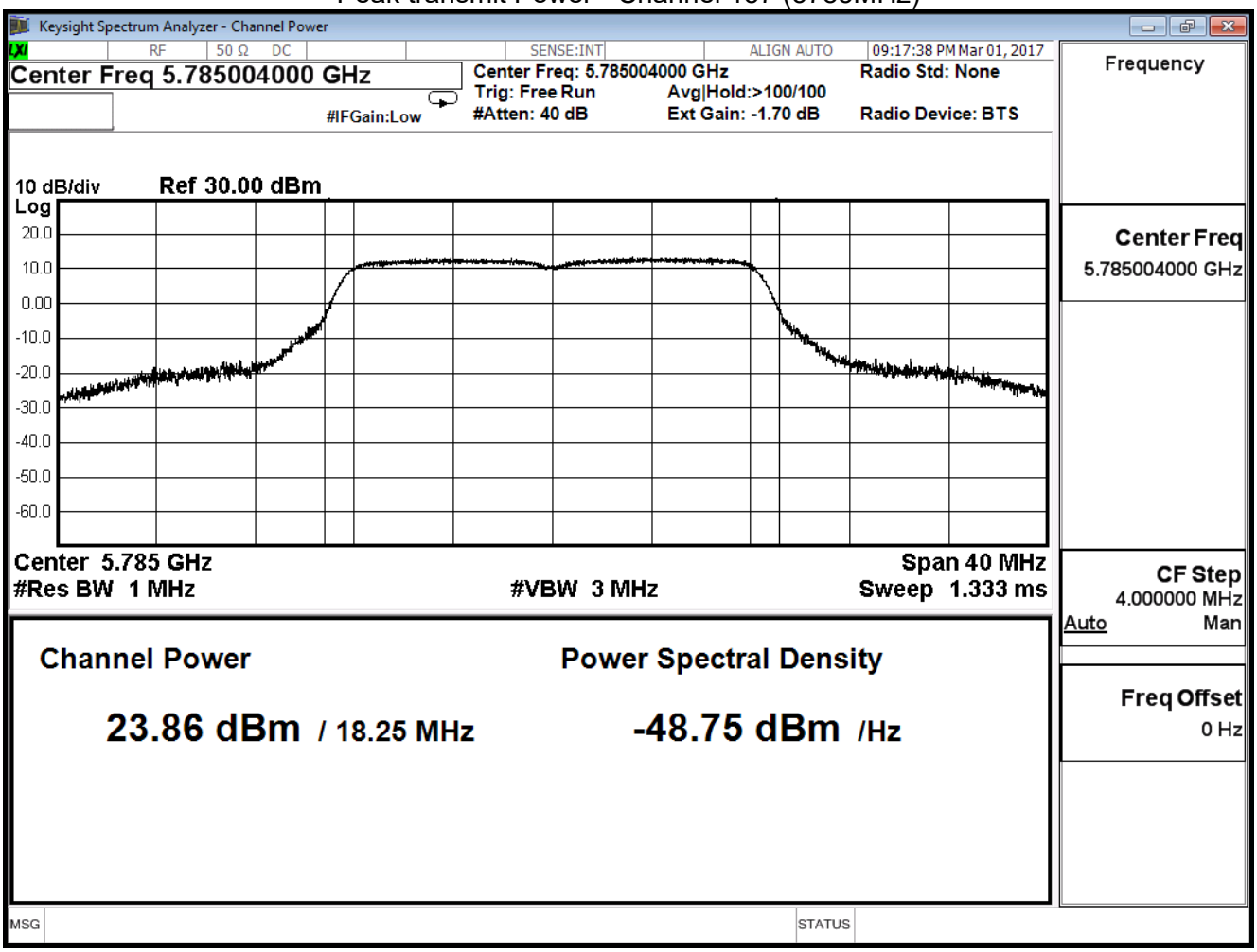
The worst emission of data rate is 6 Mbps.

| Peak Power Output (dBm) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | Data Rate | | | | | | | Required Limit |
| | | 6 | 12 | 18 | 24 | 36 | 48 | 54 | |
| 149 | 5745 | 23.710 | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 157 | 5785 | 23.860 | 23.820 | 23.780 | 23.720 | 23.680 | 23.620 | 23.550 | |
| 165 | 5825 | 23.910 | -- | -- | -- | -- | -- | -- | |

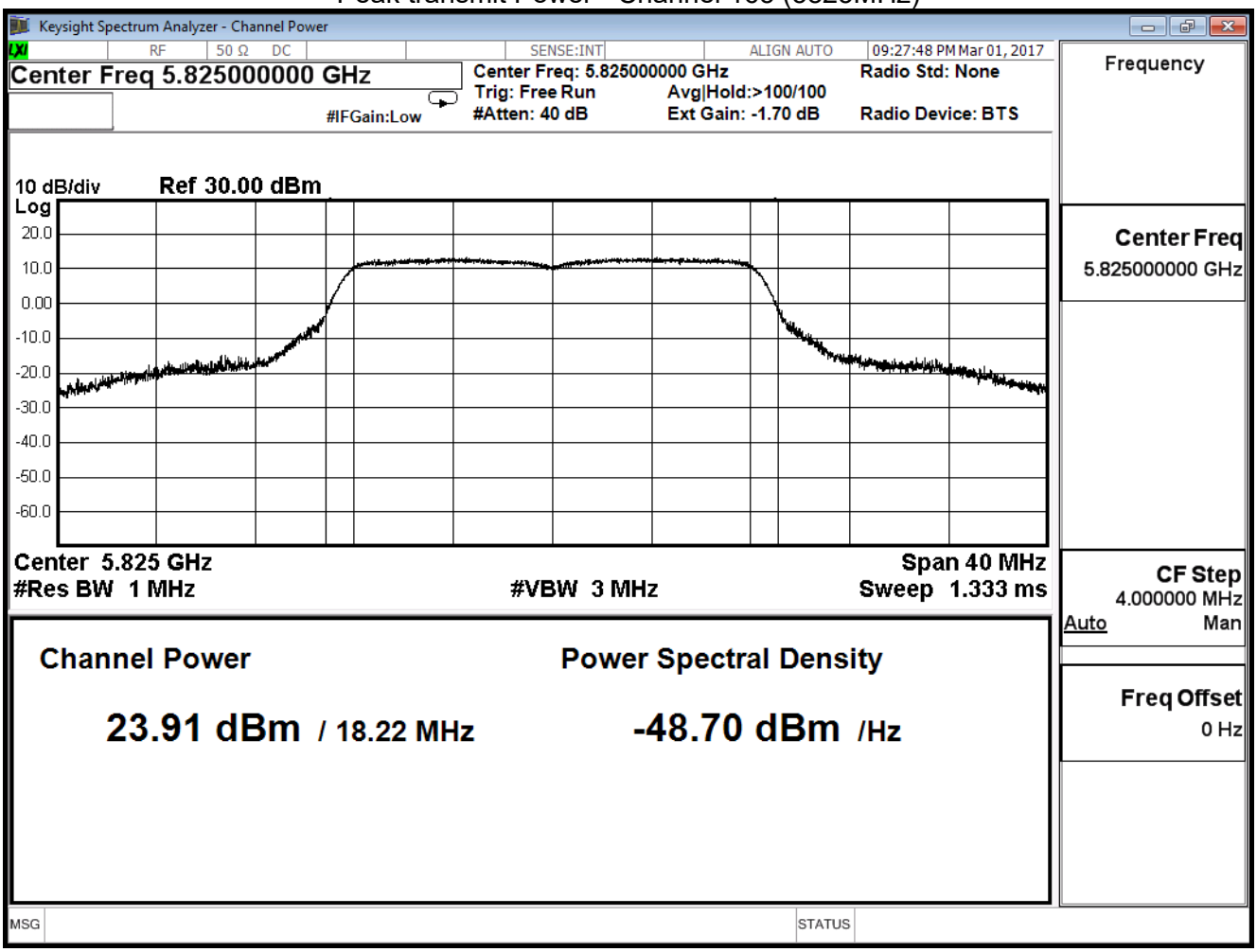
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 1: Tx_ADP: AD890326010-2LF_ CDD Mode (802.11 a) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

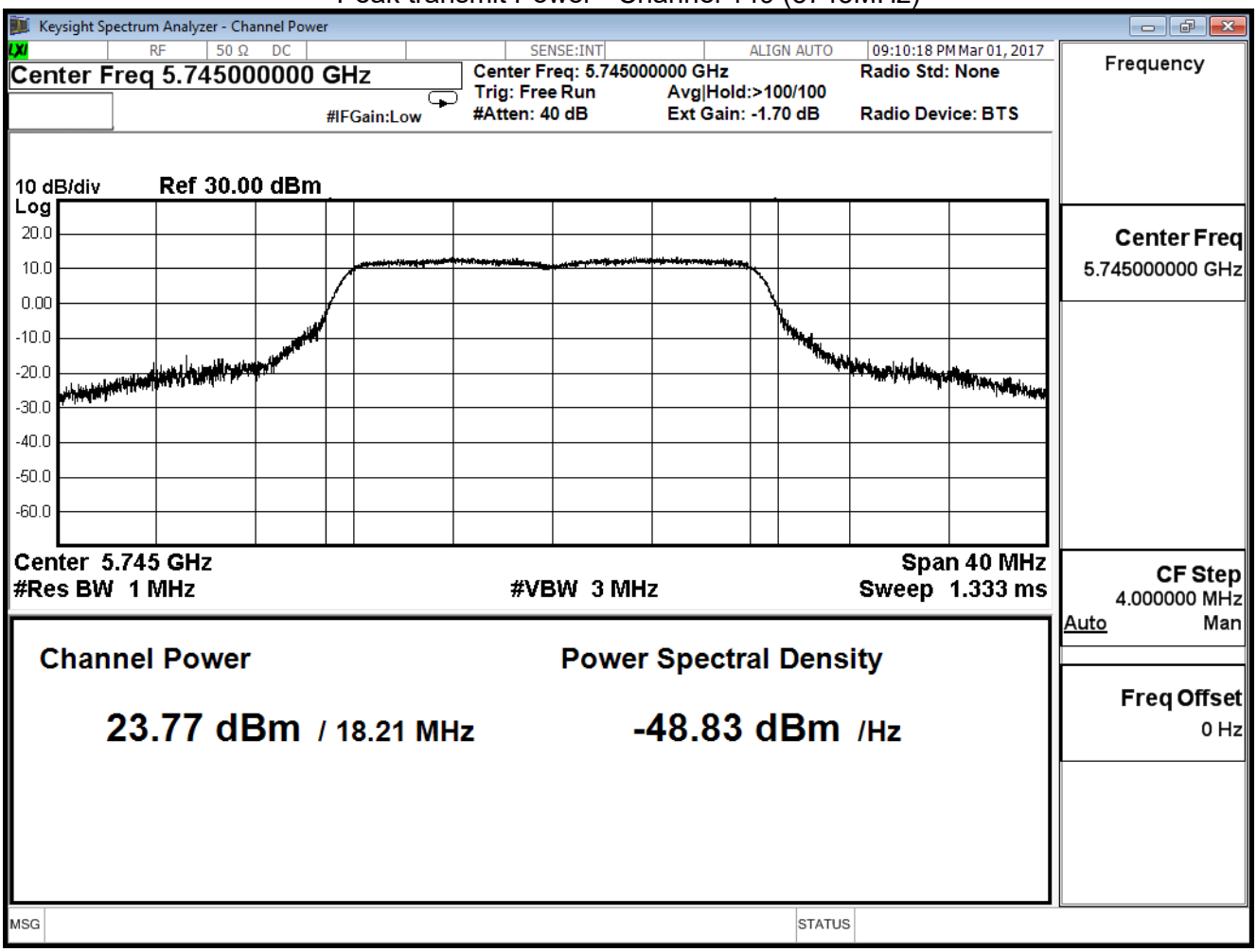
IEEE 802.11a (ANT3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.770 | ≤30 |
| 157 | 5785 | 23.810 | ≤30 |
| 165 | 5825 | 23.970 | ≤30 |

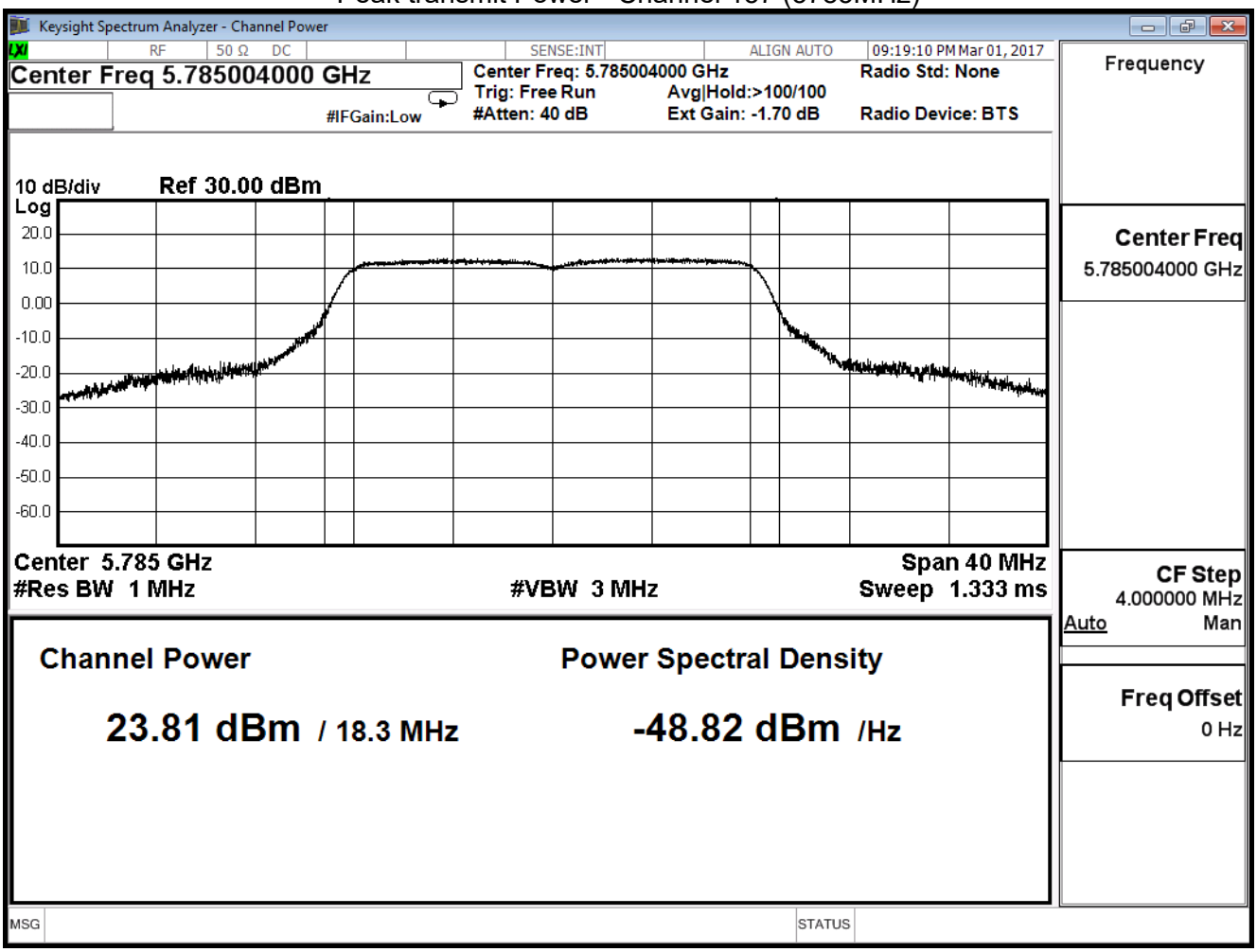
The worst emission of data rate is 6 Mbps.

| Peak Power Output (dBm) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | Data Rate | | | | | | | Required Limit |
| | | 6 | 12 | 18 | 24 | 36 | 48 | 54 | |
| 149 | 5745 | 23.770 | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 157 | 5785 | 23.810 | 23.770 | 23.750 | 23.700 | 23.660 | 23.600 | 23.540 | |
| 165 | 5825 | 23.970 | -- | -- | -- | -- | -- | -- | |

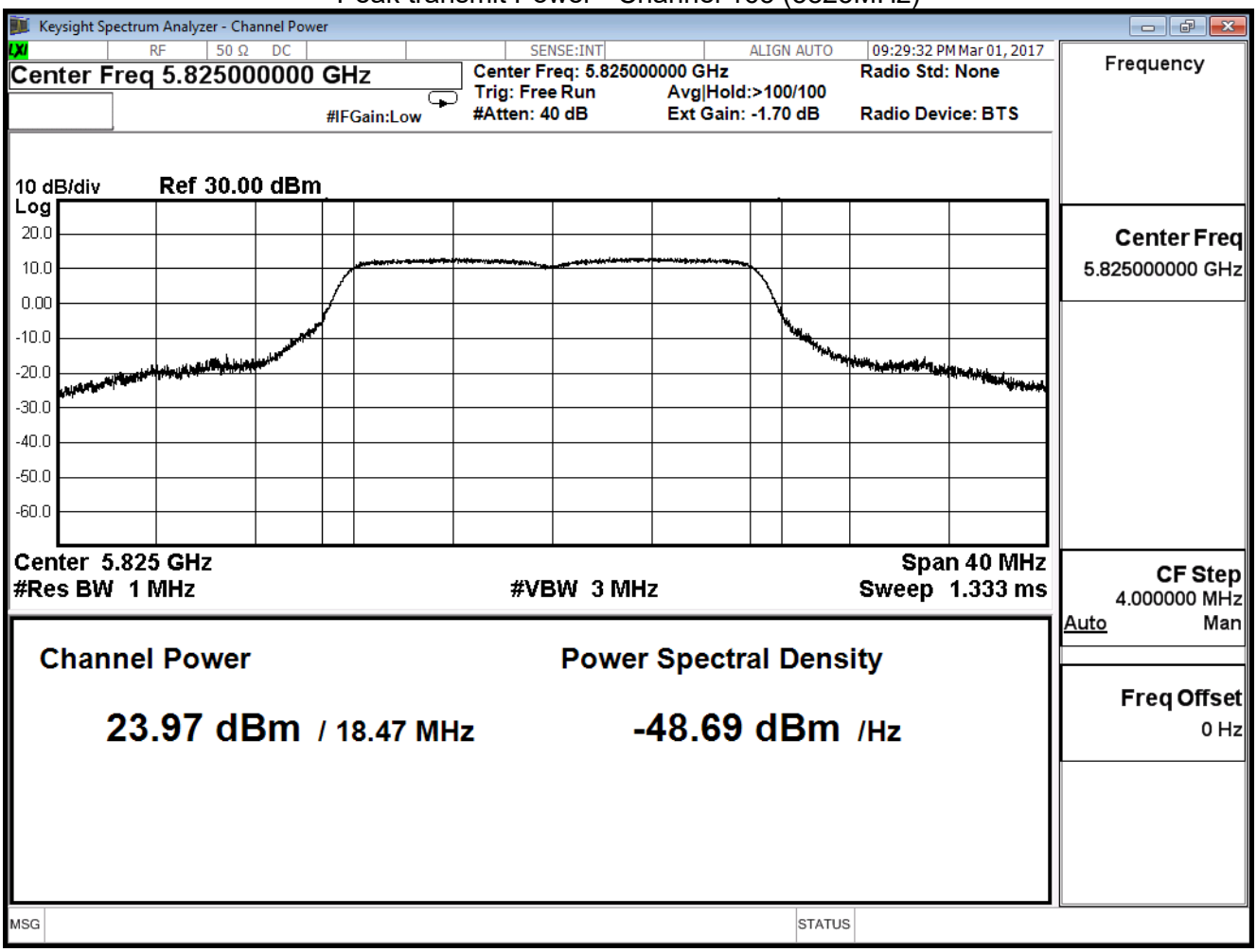
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 1: Tx_ADP: AD890326010-2LF_ CDD Mode (802.11 a) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

IEEE 802.11a (ANT +1+2+3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 29.796 | ≤30 |
| 157 | 5785 | 29.886 | ≤30 |
| 165 | 5825 | 29.978 | ≤30 |

| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

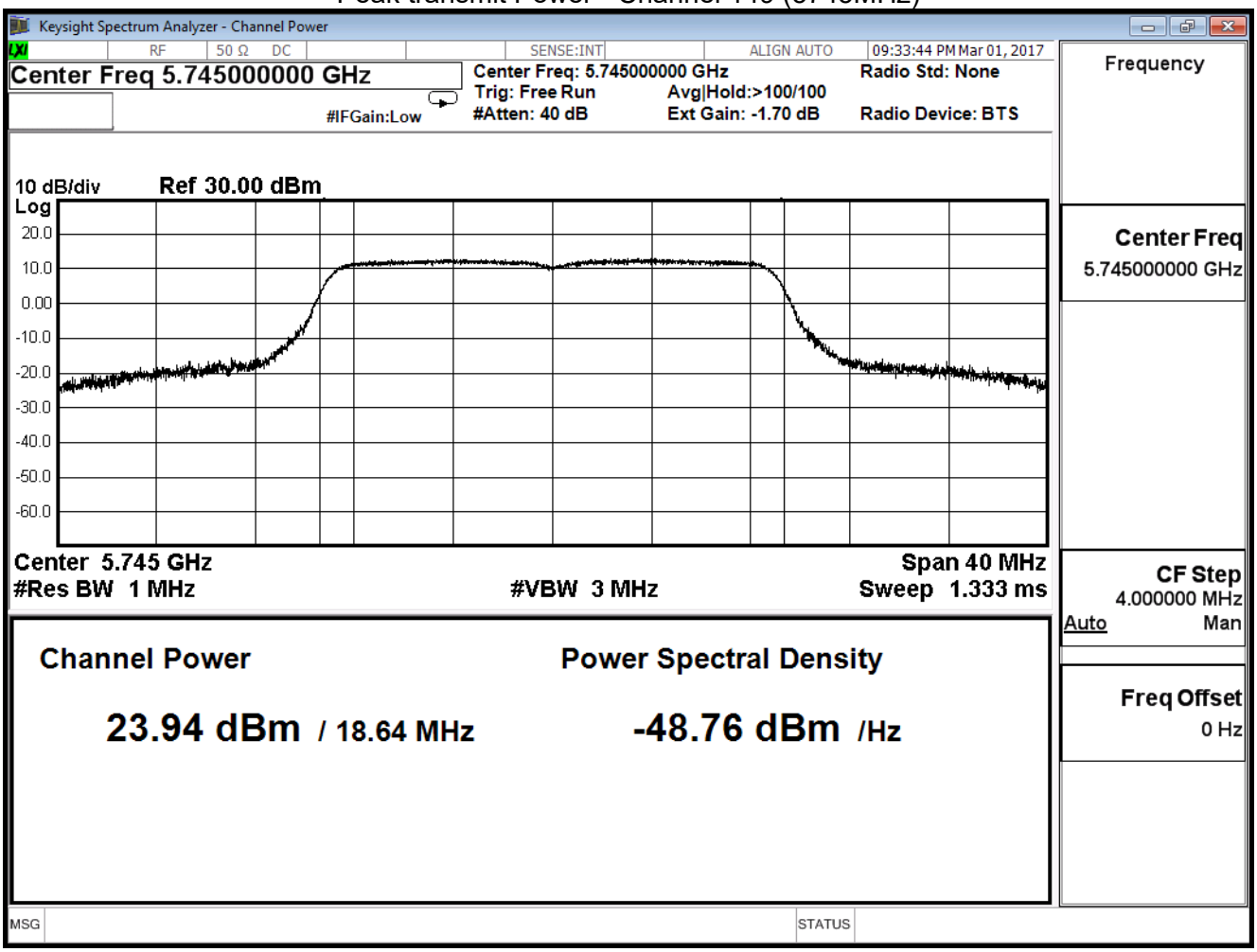
IEEE 802.11n 20MHz (ANT 0)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.940 | ≤30 |
| 157 | 5785 | 23.900 | ≤30 |
| 165 | 5825 | 23.900 | ≤30 |

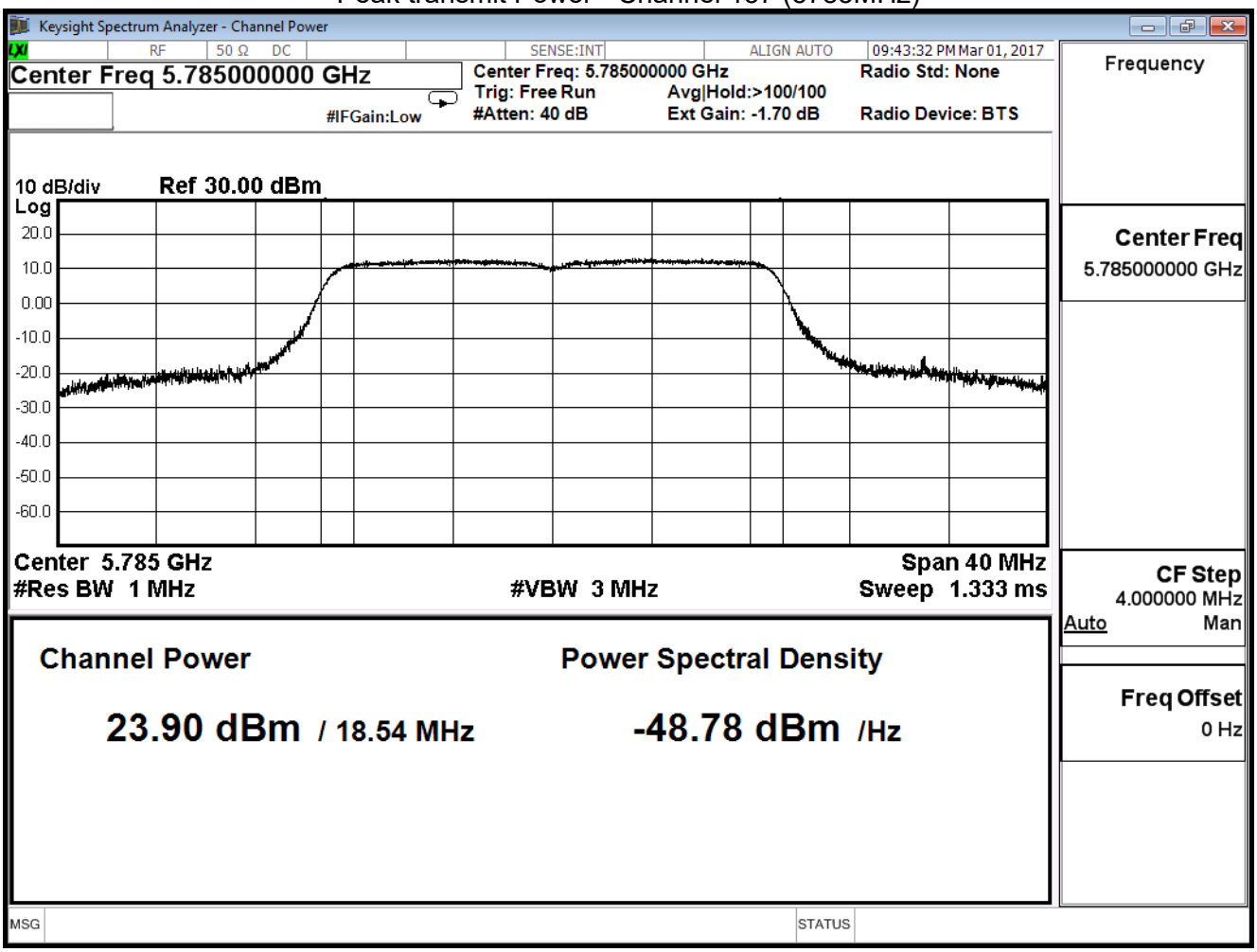
The worst emission of data rate is MCS 24

| Peak Power Output (dBm) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| 149 | 5745 | 23.940 | -- | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 157 | 5785 | 23.900 | 23.860 | 23.800 | 23.610 | 23.500 | 23.320 | 23.100 | 23.000 | |
| 165 | 5825 | 23.900 | -- | -- | -- | -- | -- | -- | -- | |

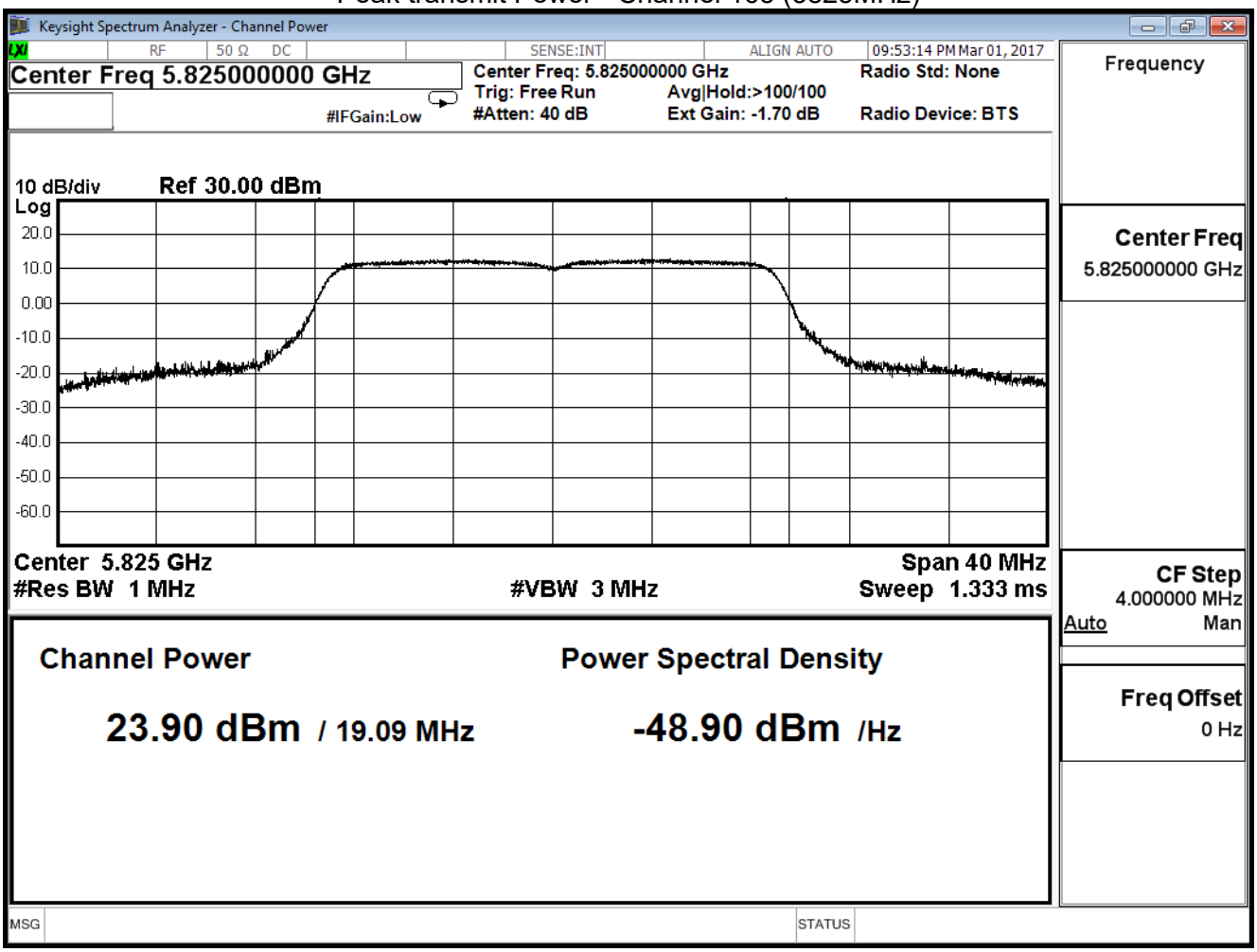
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

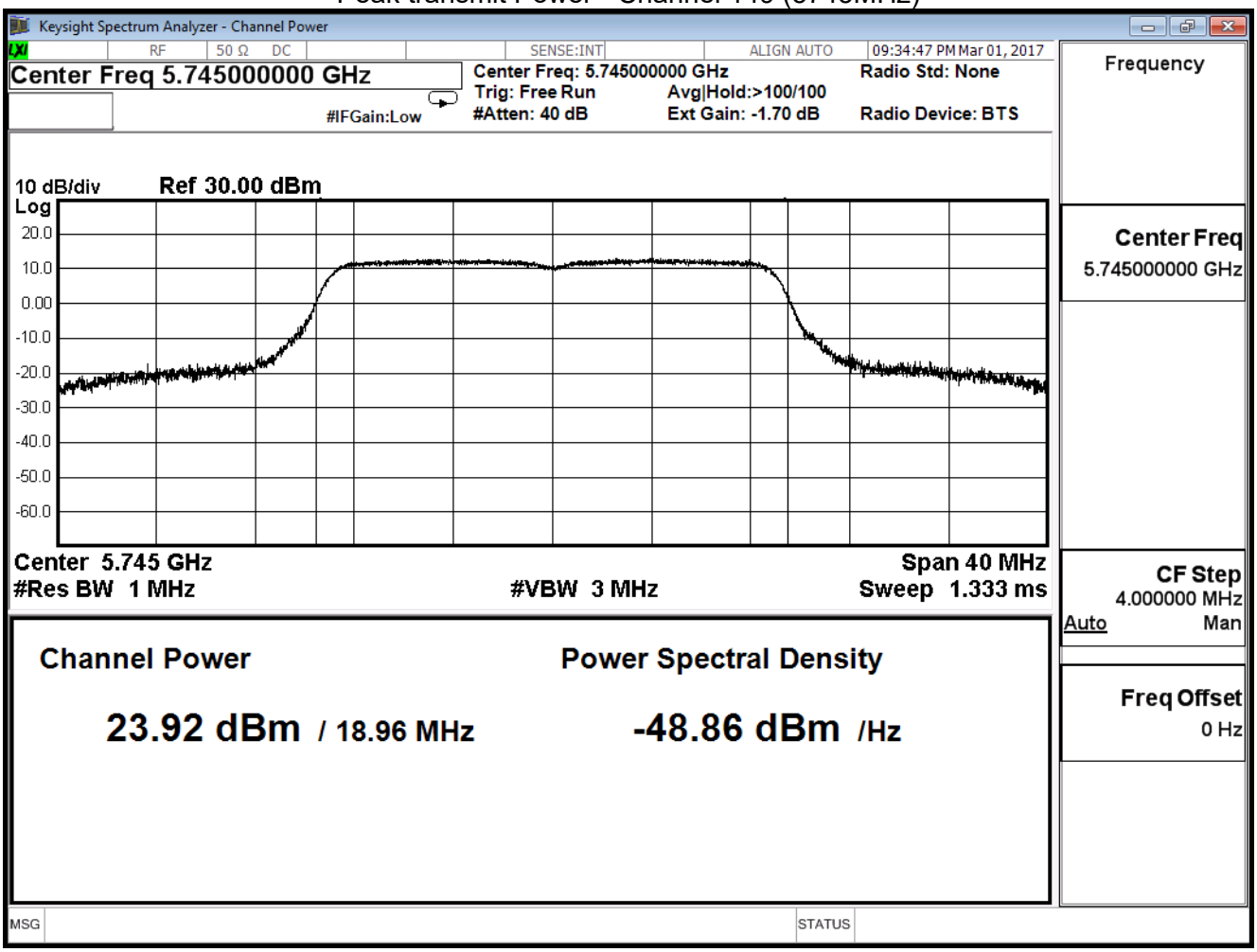
IEEE 802.11n 20MHz (ANT 1)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.920 | ≤30 |
| 157 | 5785 | 23.990 | ≤30 |
| 165 | 5825 | 23.960 | ≤30 |

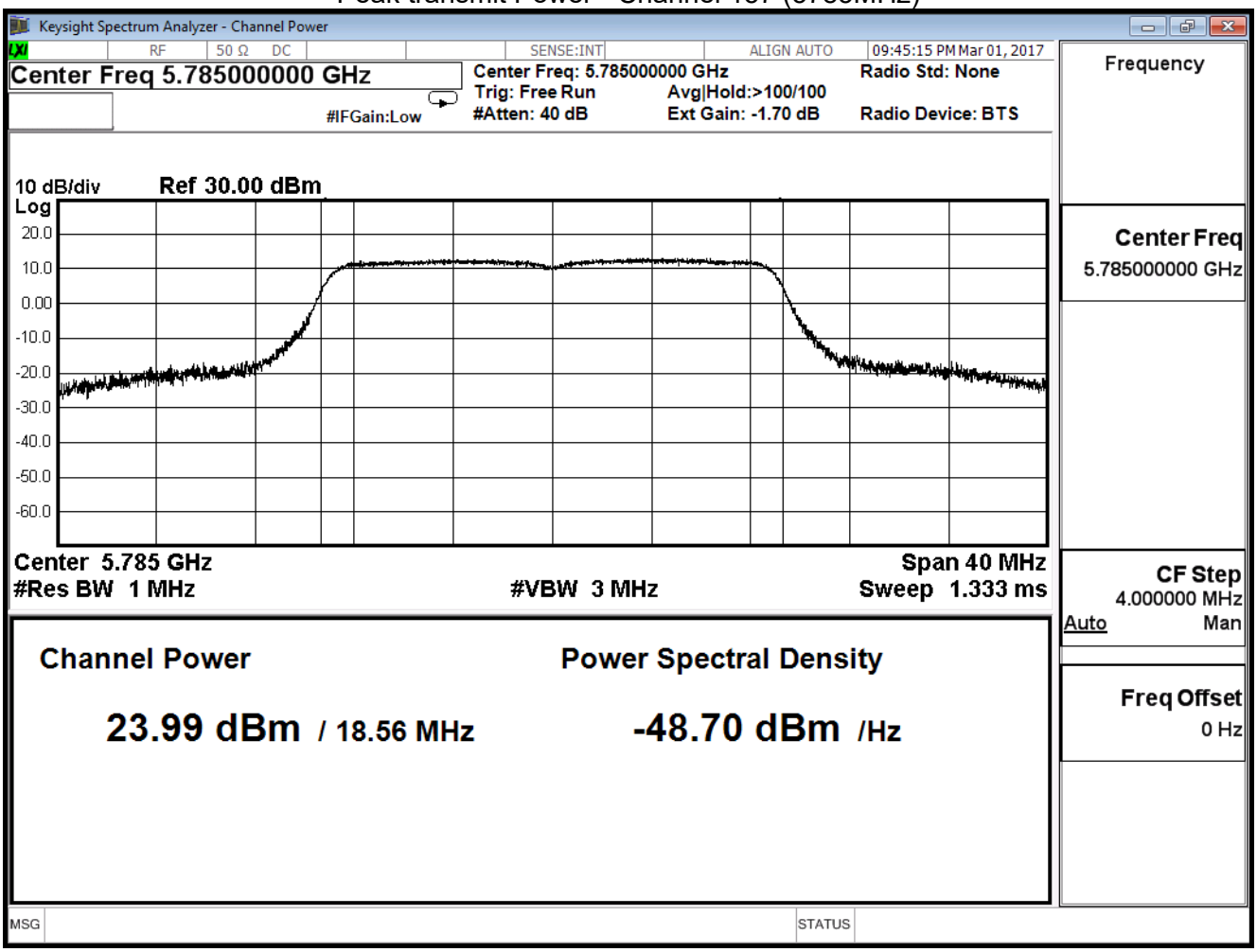
The worst emission of data rate is MCS 24

| Peak Power Output (dBm) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| 149 | 5745 | 23.920 | -- | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 157 | 5785 | 23.990 | 23.910 | 23.710 | 23.580 | 23.500 | 23.410 | 23.320 | 23.190 | |
| 165 | 5825 | 23.960 | -- | -- | -- | -- | -- | -- | -- | |

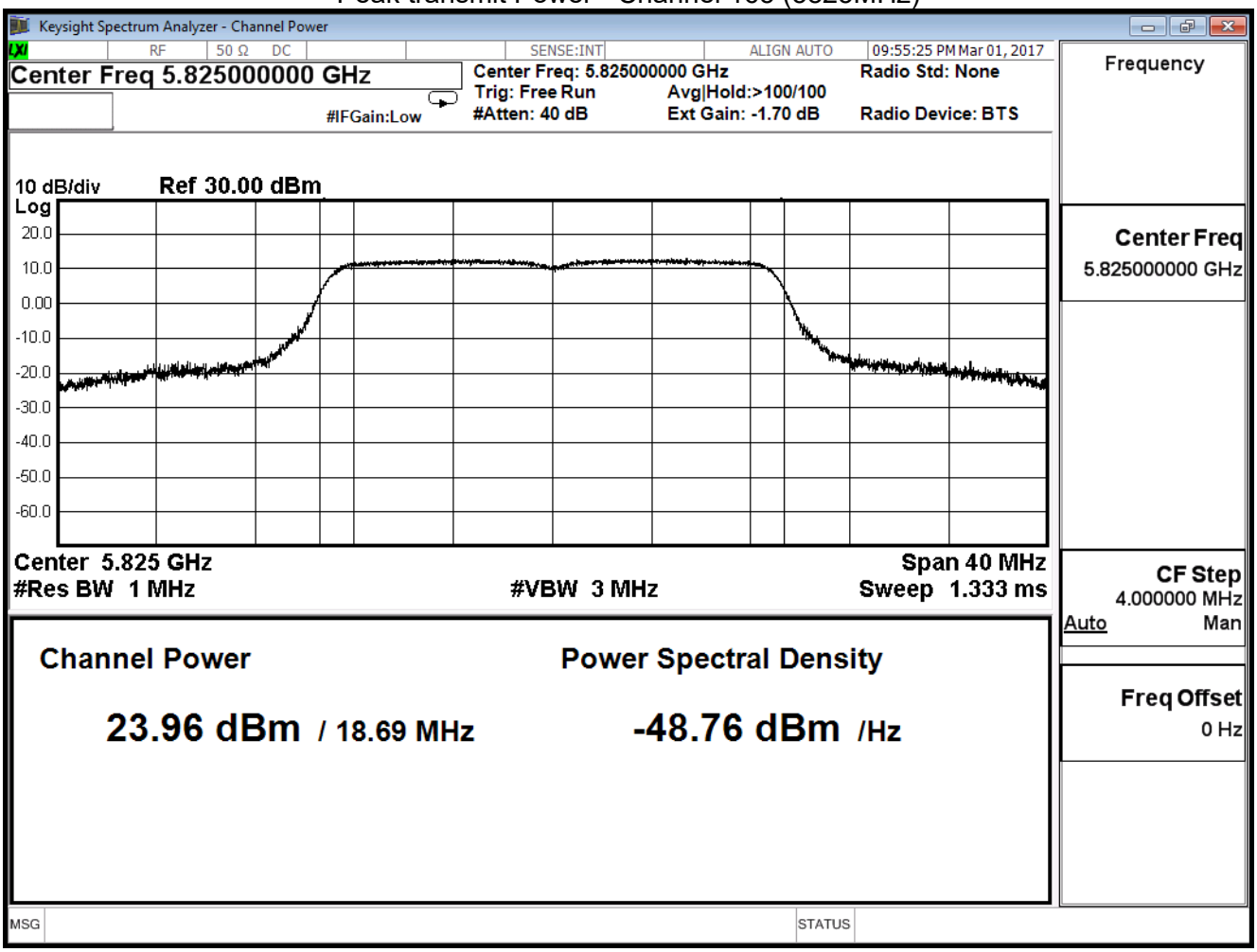
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

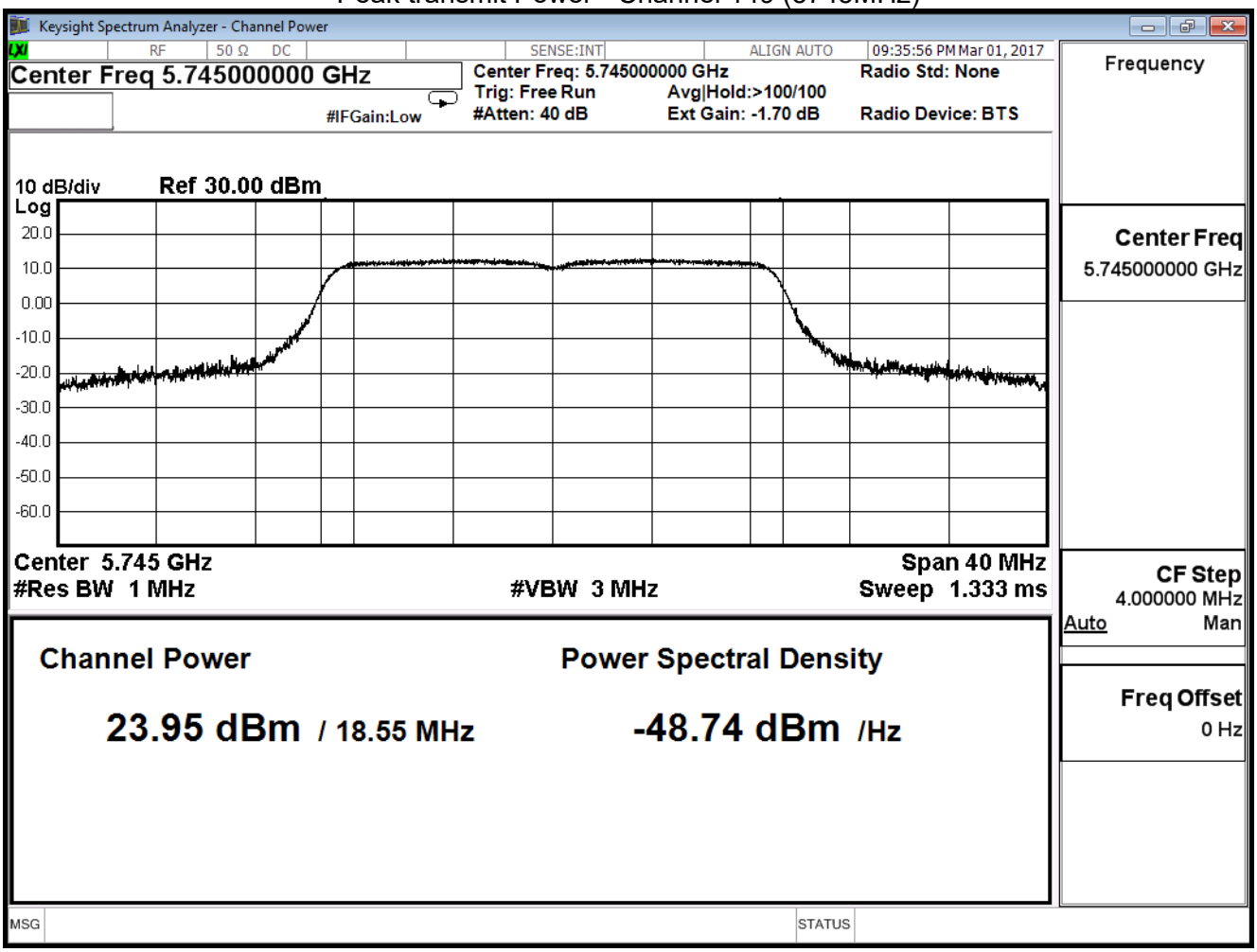
IEEE 802.11n 20MHz (ANT 2)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.950 | ≤30 |
| 157 | 5785 | 23.920 | ≤30 |
| 165 | 5825 | 23.970 | ≤30 |

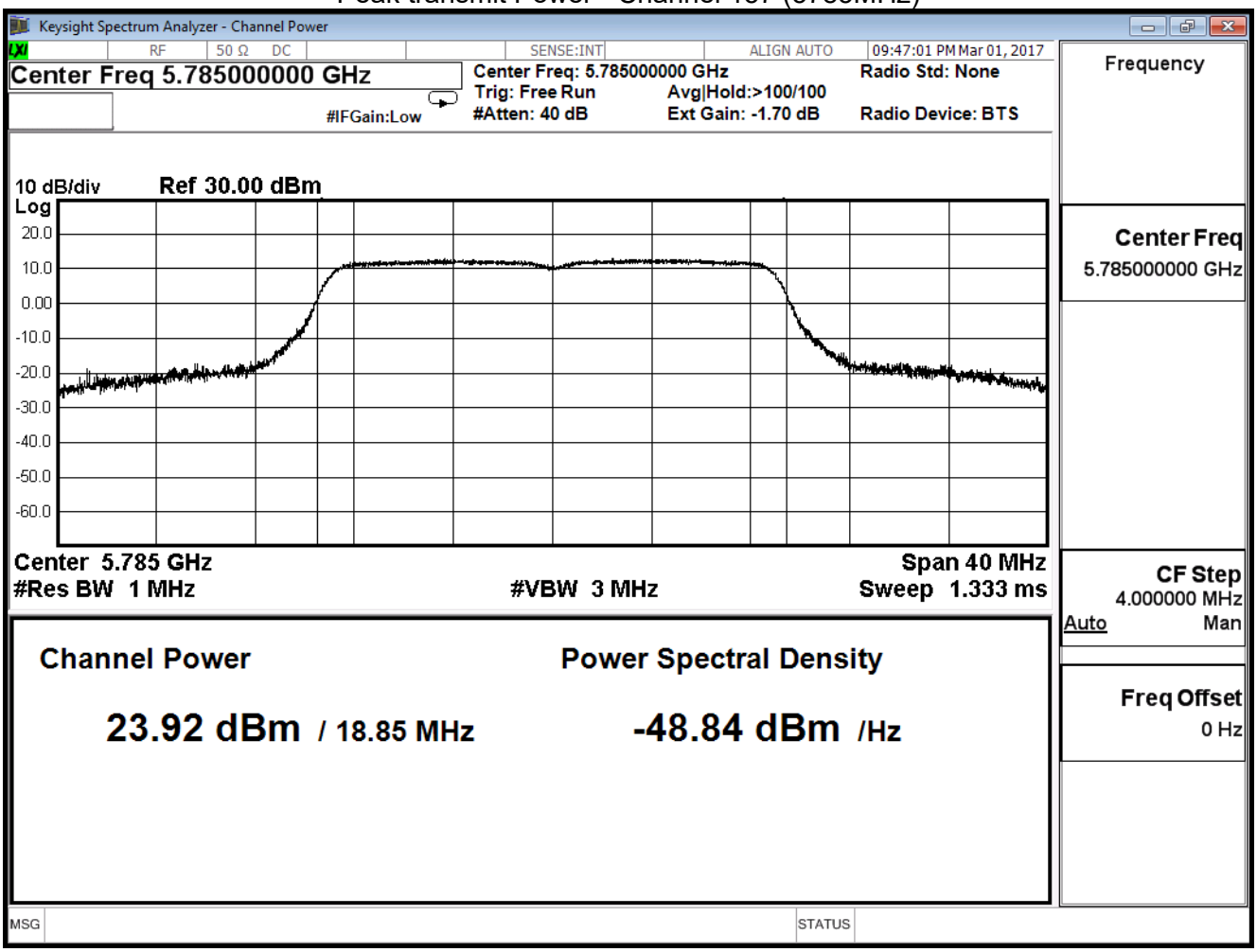
The worst emission of data rate is MCS 24

| Peak Power Output (dBm) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| 149 | 5745 | 23.950 | -- | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 157 | 5785 | 23.920 | 23.850 | 23.760 | 23.610 | 23.500 | 23.400 | 23.310 | 23.010 | |
| 165 | 5825 | 23.970 | -- | -- | -- | -- | -- | -- | -- | |

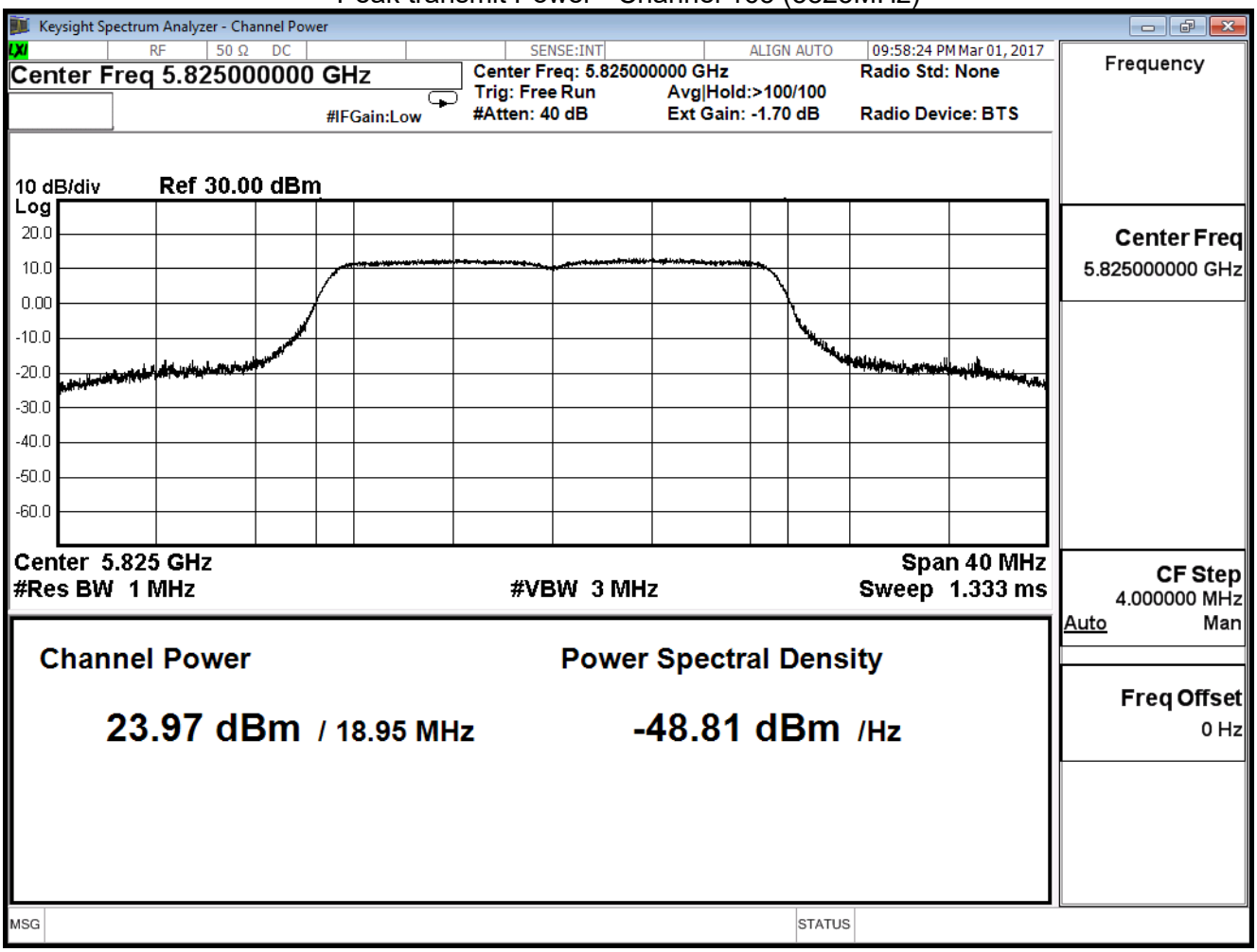
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

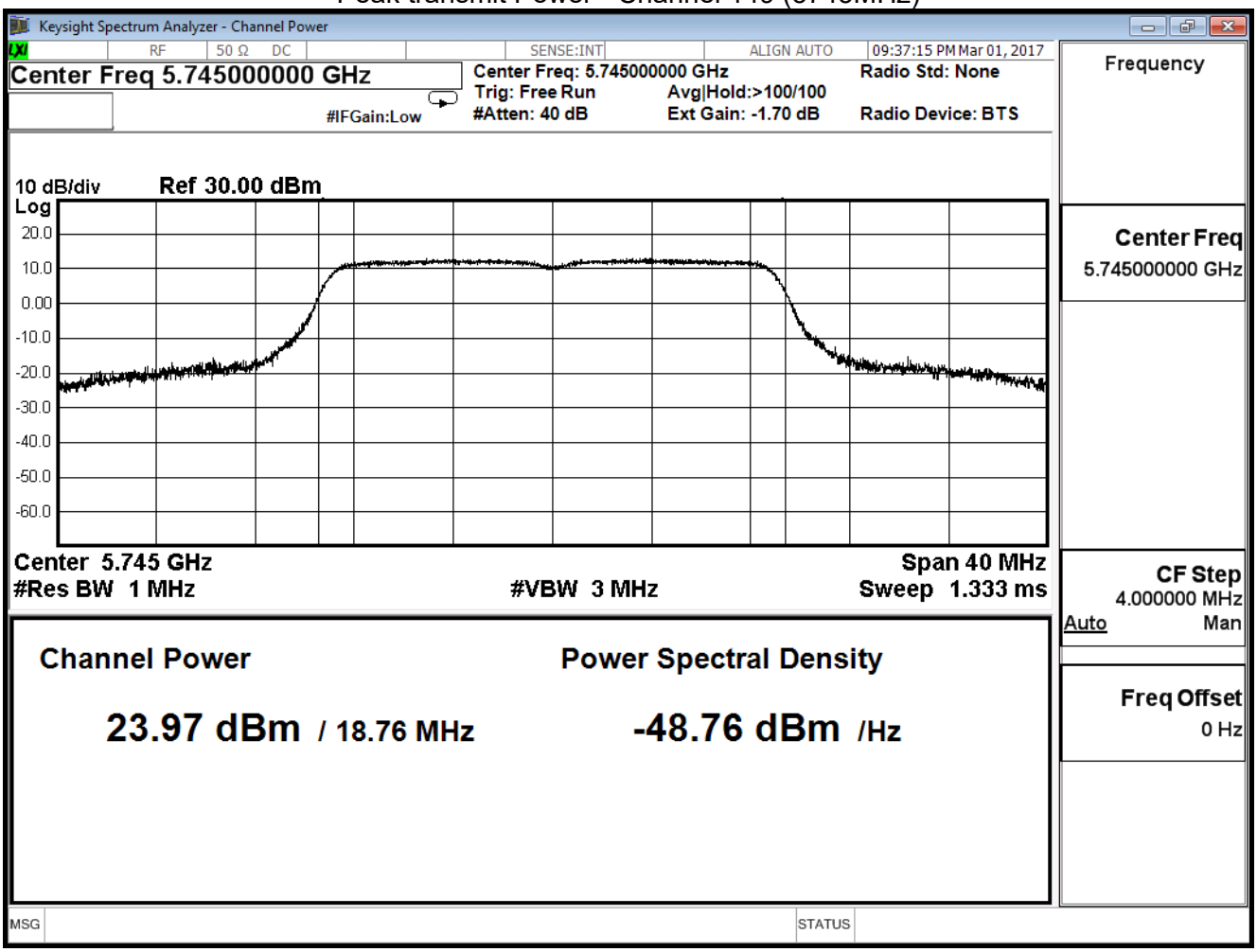
IEEE 802.11n 20MHz (ANT 3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.970 | ≤30 |
| 157 | 5785 | 23.810 | ≤30 |
| 165 | 5825 | 23.950 | ≤30 |

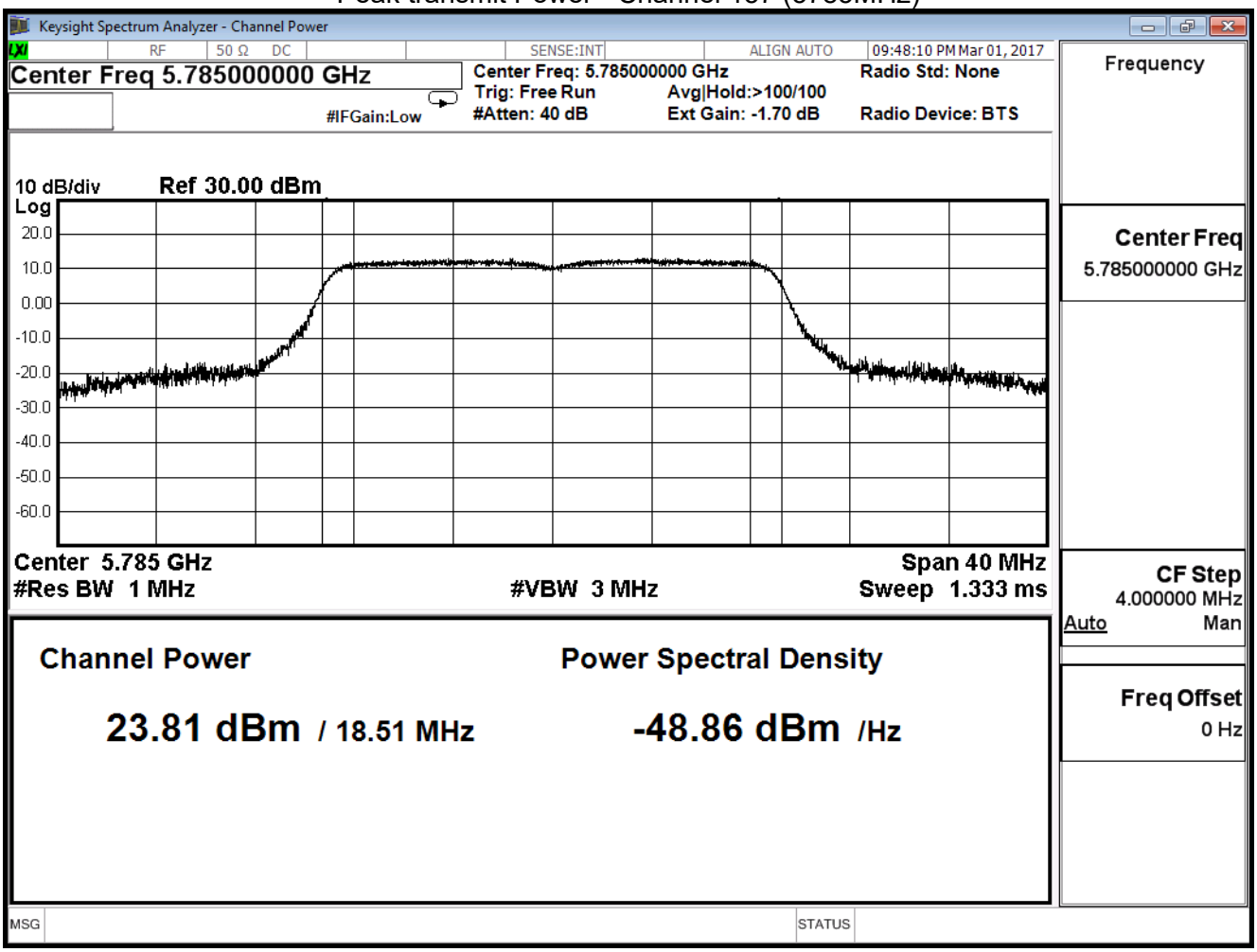
The worst emission of data rate is MCS 24

| Peak Power Output (dBm) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| 149 | 5745 | 23.970 | -- | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 157 | 5785 | 23.810 | 23.770 | 23.610 | 23.510 | 23.320 | 23.100 | 23.010 | 22.900 | |
| 165 | 5825 | 23.950 | -- | -- | -- | -- | -- | -- | -- | |

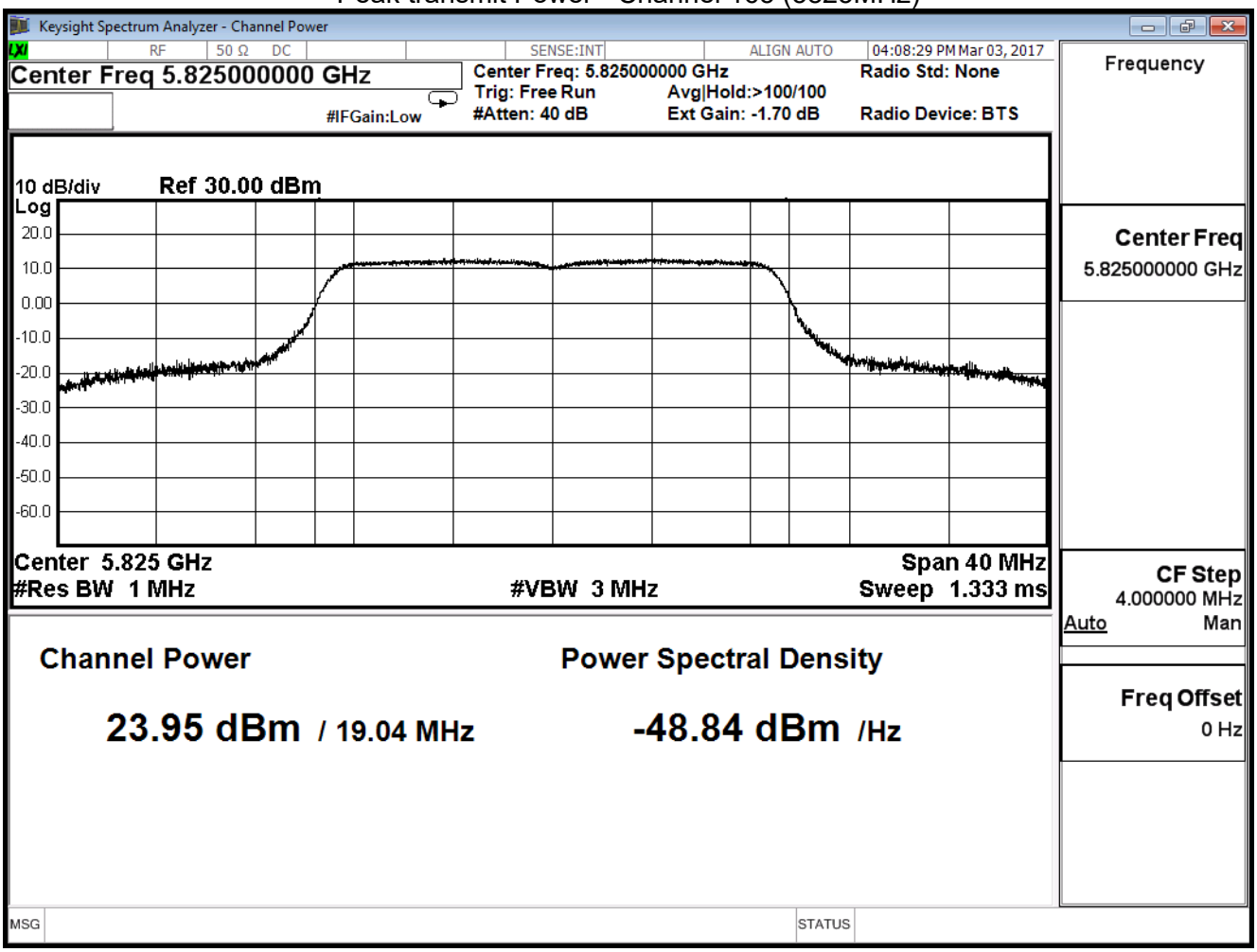
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

IEEE 802.11n 20MHz (ANT 0+1+2+3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 29.966 | ≤30 |
| 157 | 5785 | 29.926 | ≤30 |
| 165 | 5825 | 29.966 | ≤30 |

| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

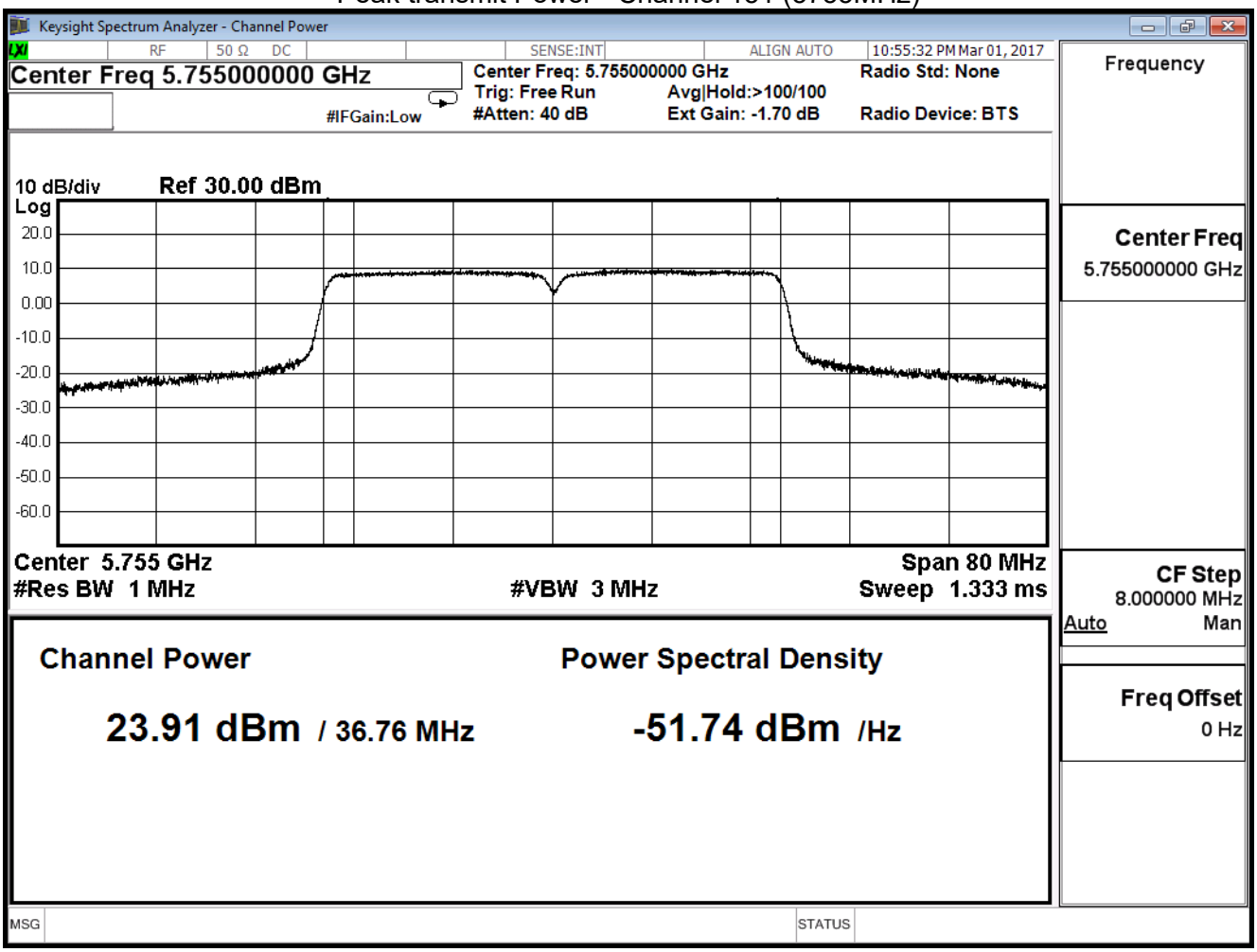
IEEE802.11n 40MHz(ANT 0)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 151 | 5755 | 23.910 | ≤30 |
| 159 | 5795 | 23.920 | ≤30 |

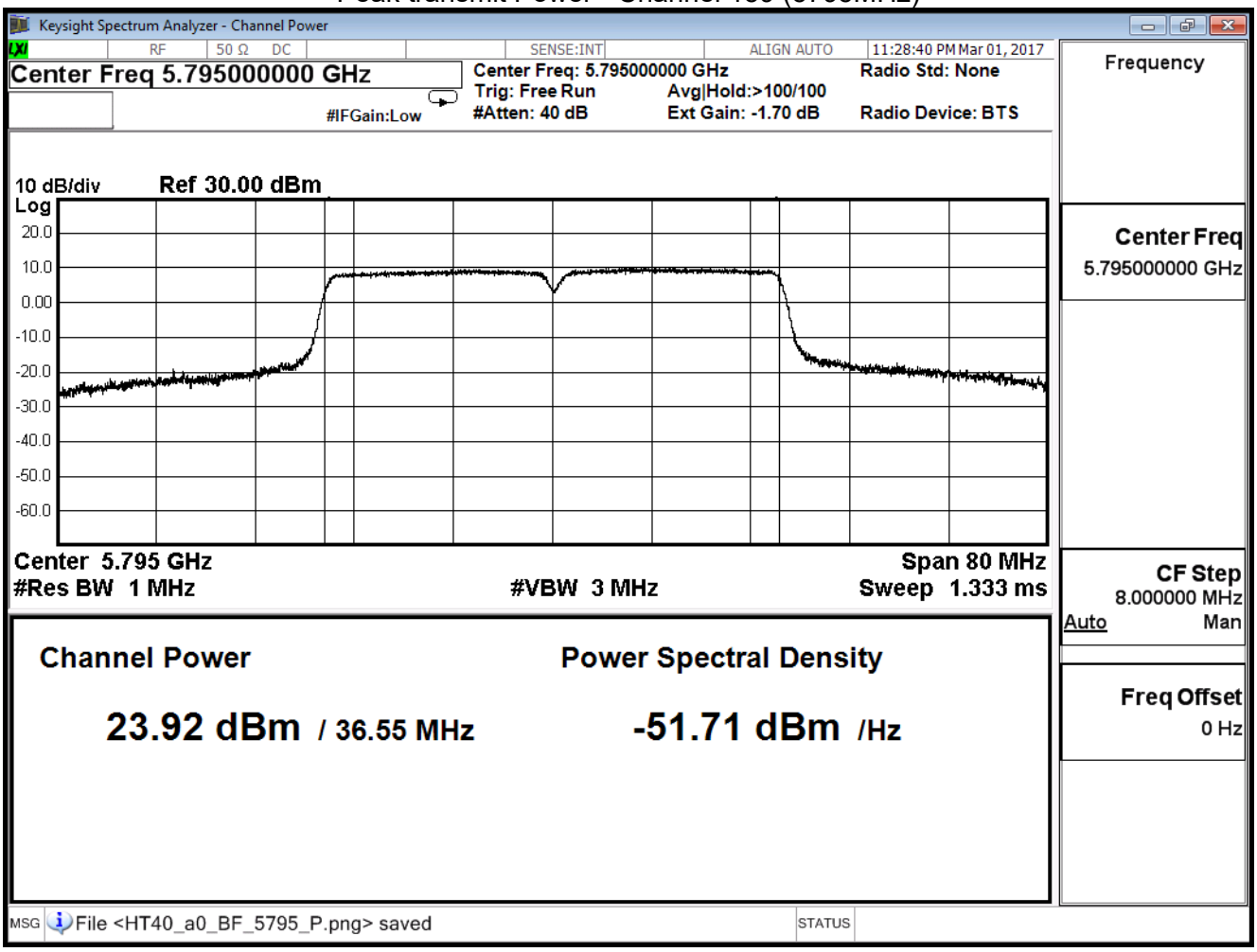
The worst emission of data rate is MCS 24

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| 151 | 5755 | 23.910 | -- | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 159 | 5795 | 23.920 | 23.860 | 23.760 | 23.510 | 23.410 | 23.220 | 23.080 | 22.900 | |

Peak transmit Power - Channel 151 (5755MHz)



Peak transmit Power - Channel 159 (5795MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

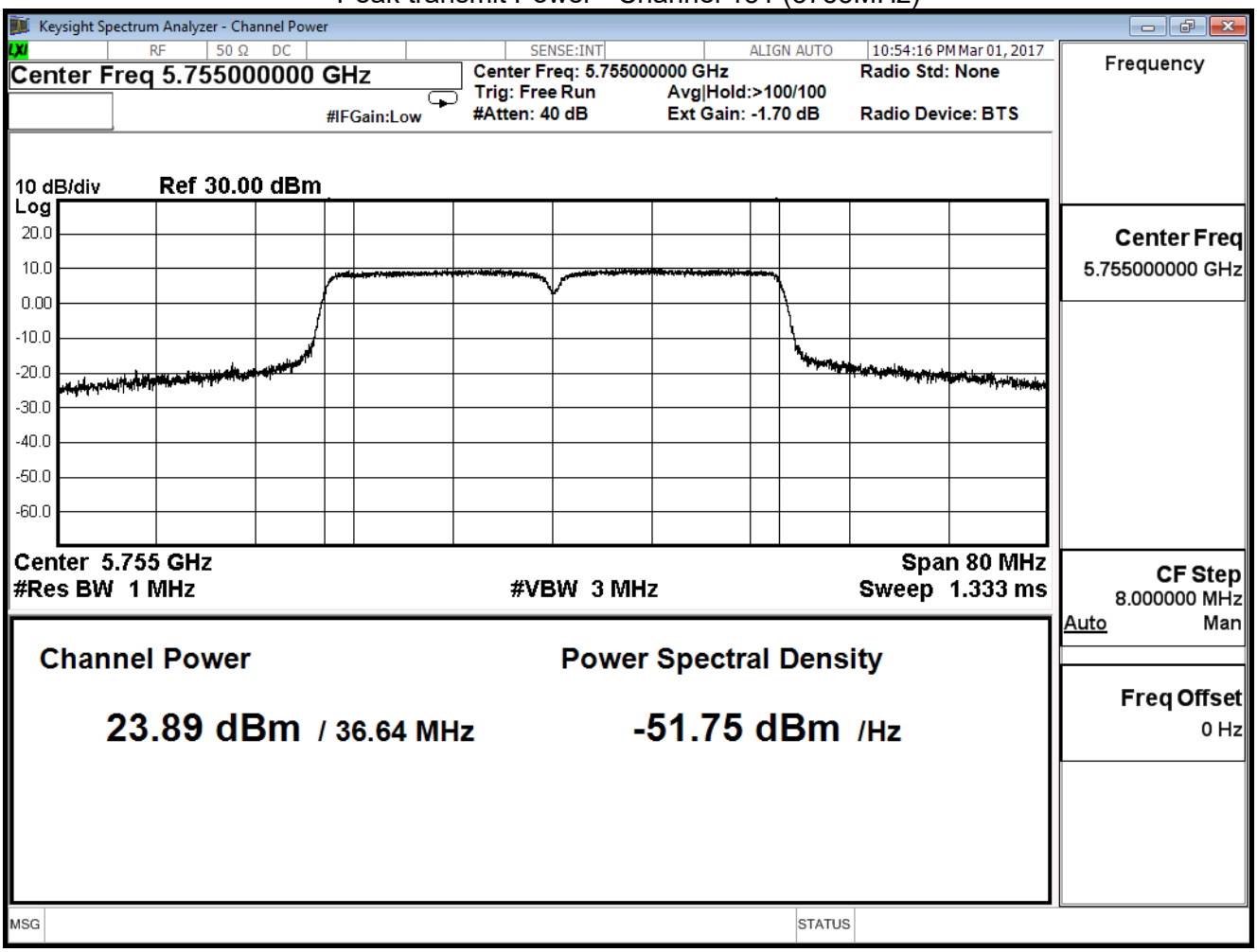
IEEE802.11n 40MHz(ANT 1)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 151 | 5755 | 23.890 | ≤30 |
| 159 | 5795 | 23.900 | ≤30 |

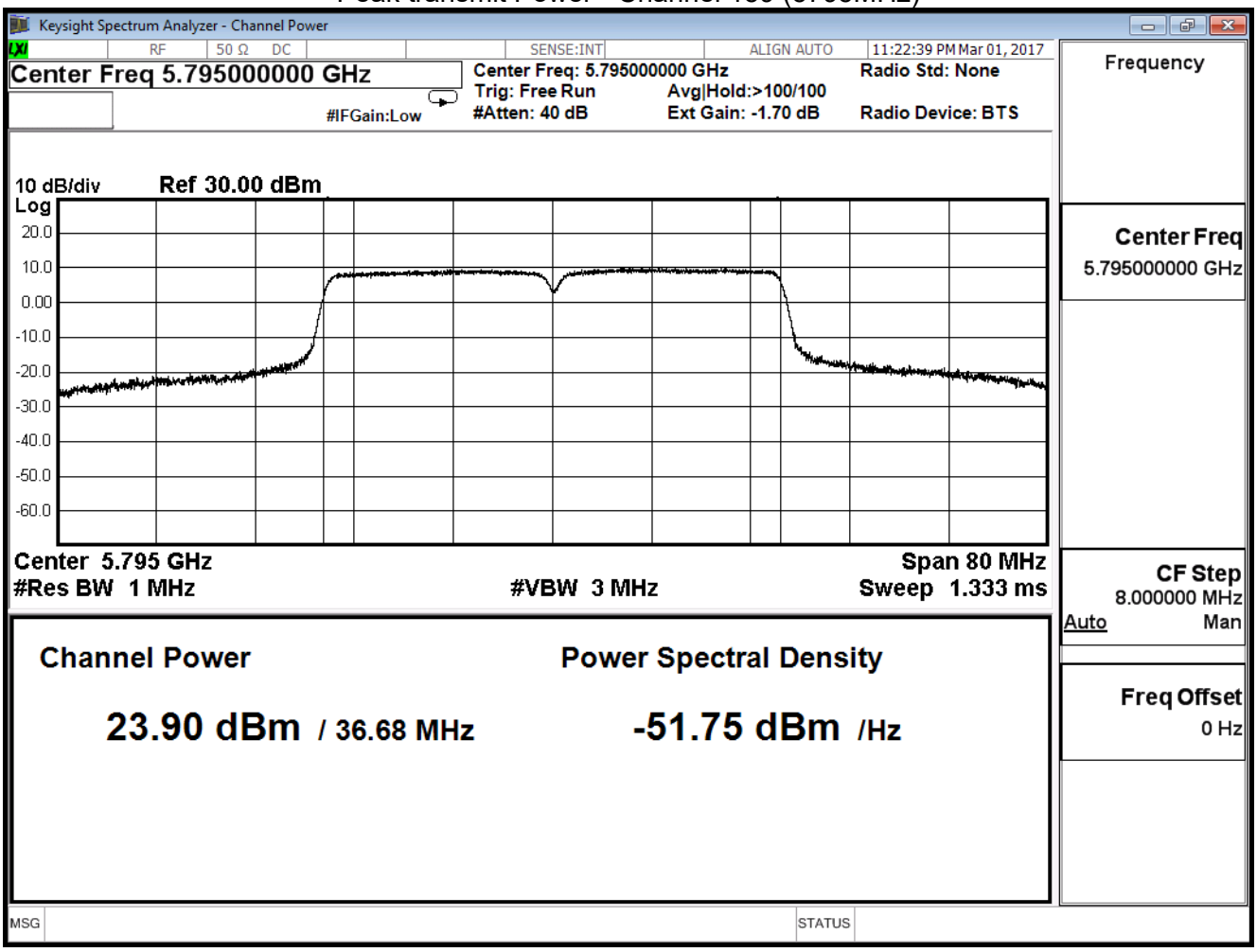
The worst emission of data rate is MCS 24

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| 151 | 5755 | 23.890 | -- | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 159 | 5795 | 23.900 | 23.720 | 23.660 | 23.580 | 23.480 | 23.400 | 23.280 | 23.110 | |

Peak transmit Power - Channel 151 (5755MHz)



Peak transmit Power - Channel 159 (5795MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

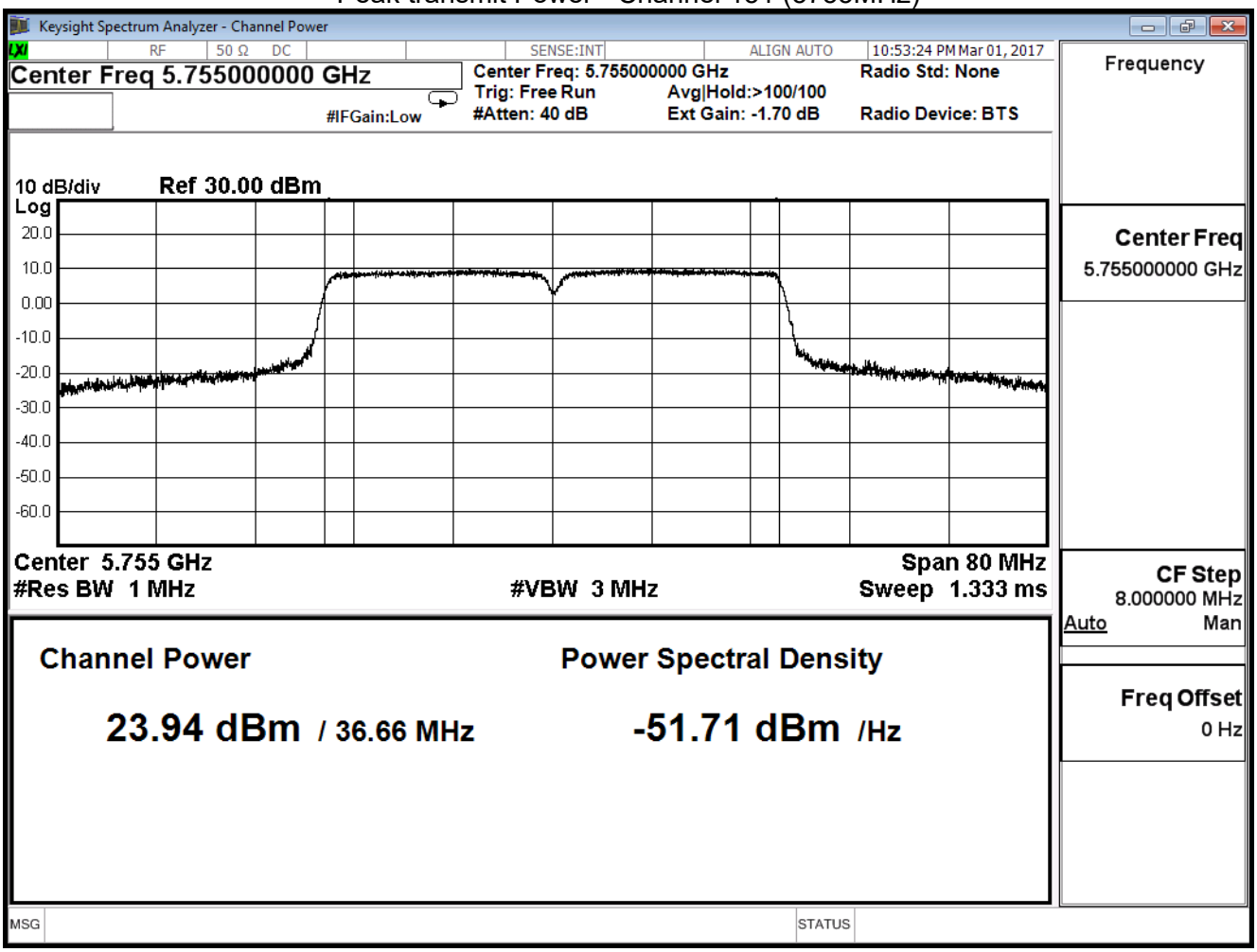
IEEE802.11n 40MHz(ANT 2)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 151 | 5755 | 23.940 | ≤30 |
| 159 | 5795 | 23.890 | ≤30 |

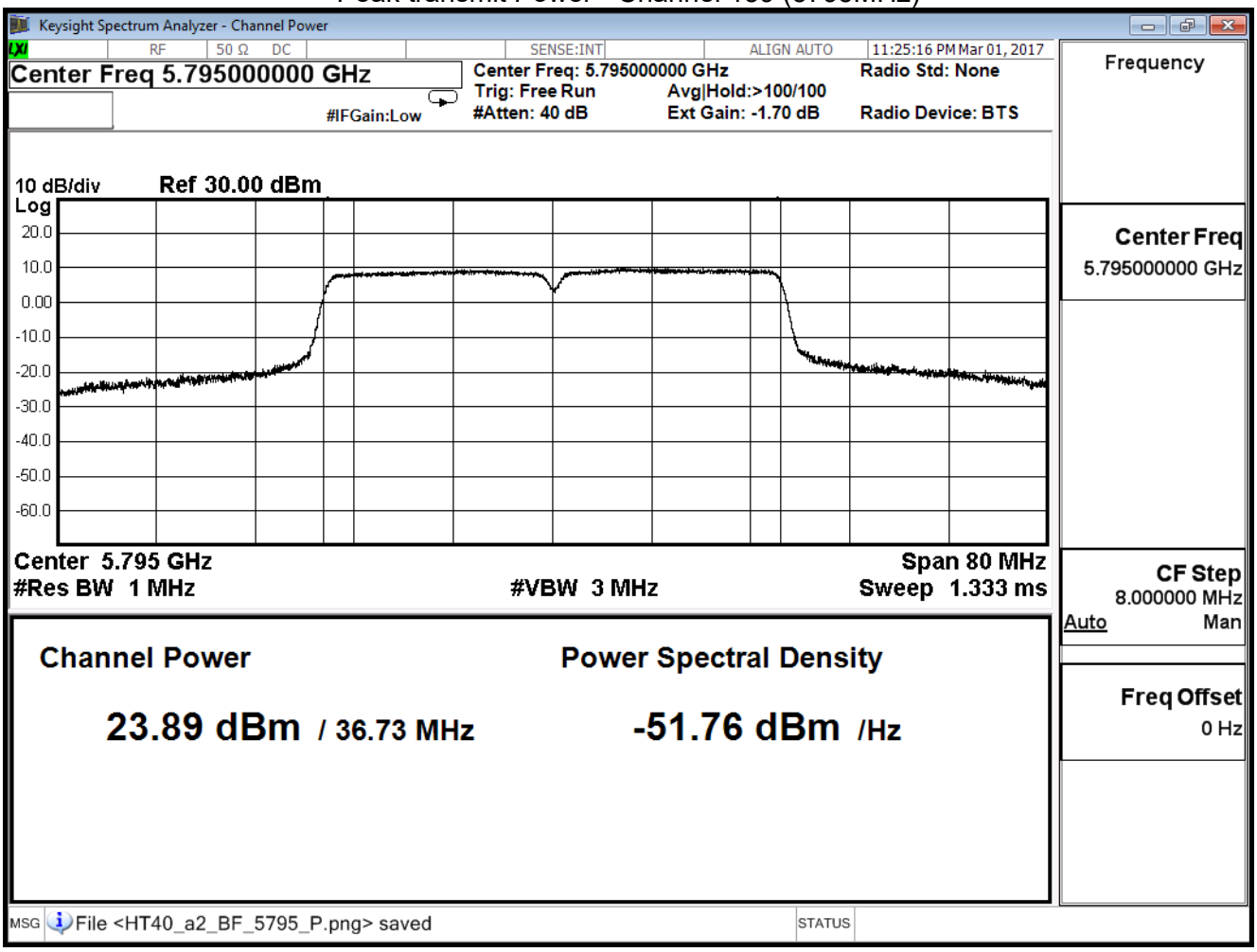
The worst emission of data rate is MCS 24

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| 151 | 5755 | 23.940 | -- | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 159 | 5795 | 23.890 | 23.800 | 23.710 | 23.580 | 23.410 | 23.210 | 23.080 | 22.900 | |

Peak transmit Power - Channel 151 (5755MHz)



Peak transmit Power - Channel 159 (5795MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

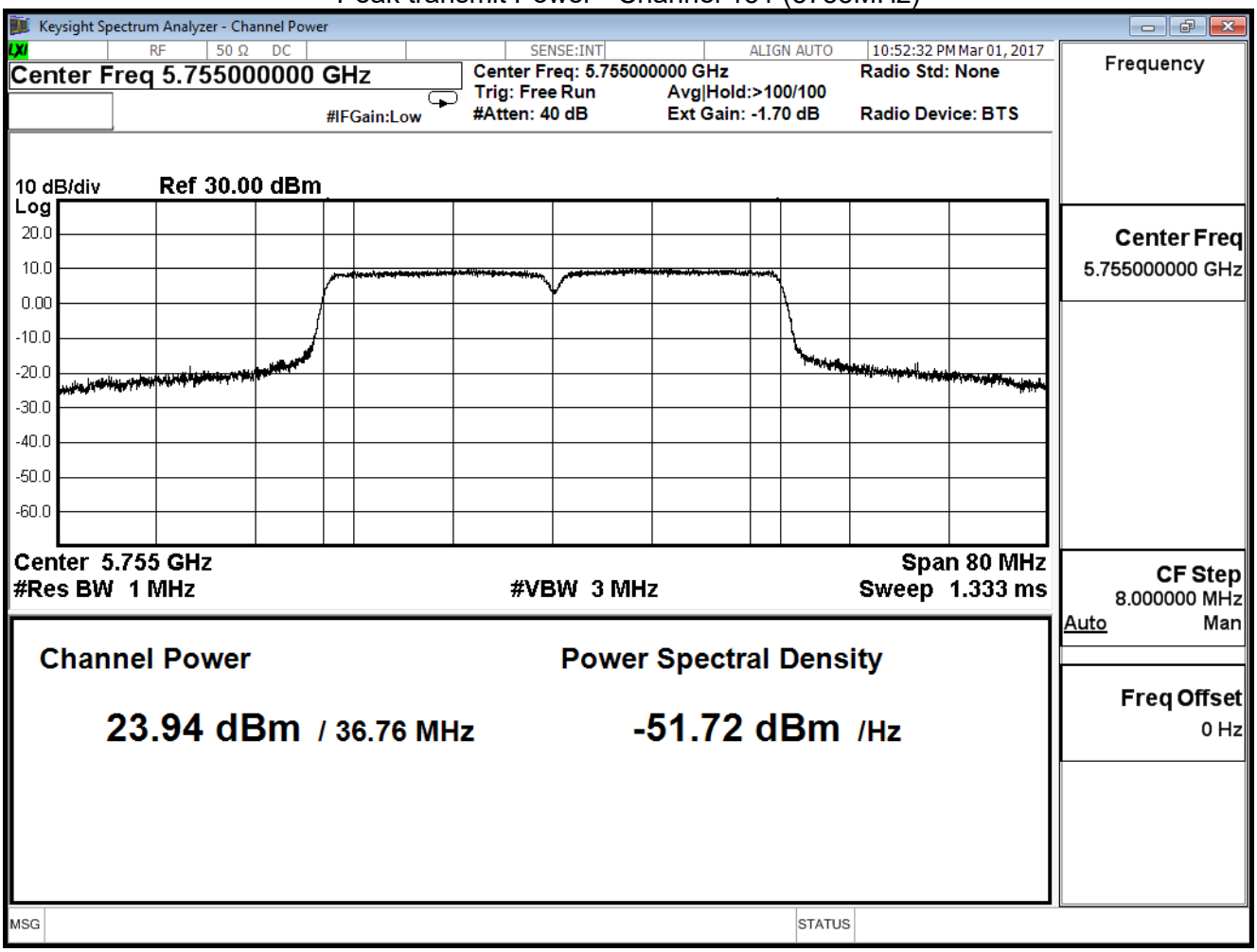
IEEE802.11n 40MHz(ANT 3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 151 | 5755 | 23.940 | ≤30 |
| 159 | 5795 | 23.910 | ≤30 |

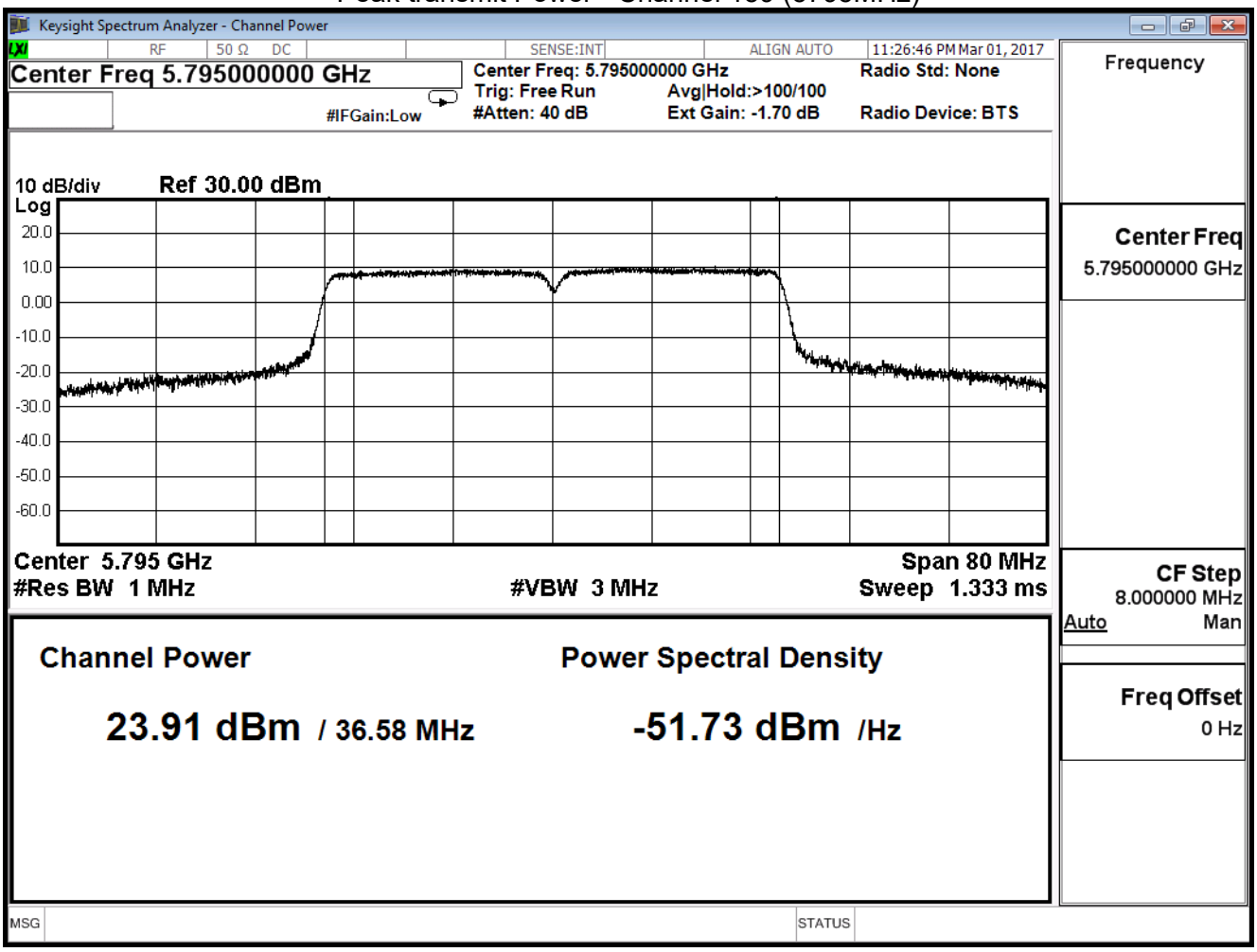
The worst emission of data rate is MCS 24

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| 151 | 5755 | 23.940 | -- | -- | -- | -- | -- | -- | -- | ≤30dBm |
| 159 | 5795 | 23.910 | 23.800 | 23.680 | 23.420 | 23.180 | 23.010 | 22.90 | 22.760 | |

Peak transmit Power - Channel 151 (5755MHz)



Peak transmit Power - Channel 159 (5795MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/01 | Test Site | SR10-H |

IEEE802.11n 40MHz(ANT 0+1+2+3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 151 | 5755 | 29.941 | ≤30 |
| 159 | 5795 | 29.926 | ≤30 |

| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

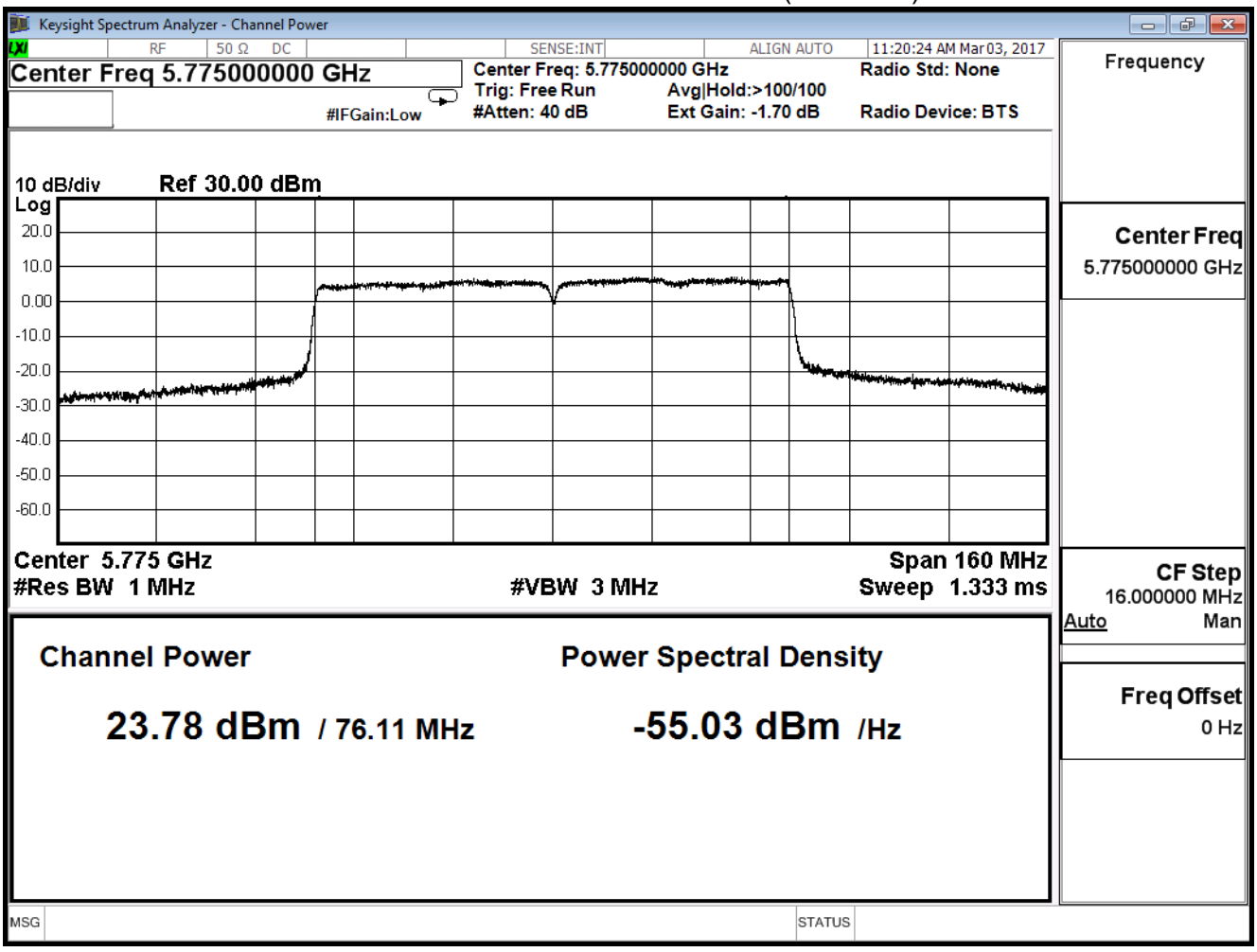
IEEE802.11ac 80MHz (ANT 0)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 155 | 5775 | 23.780 | ≤30 |

The worst emission of data rate is MCS0

| Channel | Frequency | MCS Index | | | | | | | | | | Required |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No | (MHz) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | Limit |
| 155 | 5775 | 23.780 | 23.620 | 23.420 | 23.110 | 22.900 | 22.680 | 22.410 | 22.200 | 21.920 | 21.680 | ≤30dBm |

Peak transmit Power - Channel 155 (5775MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

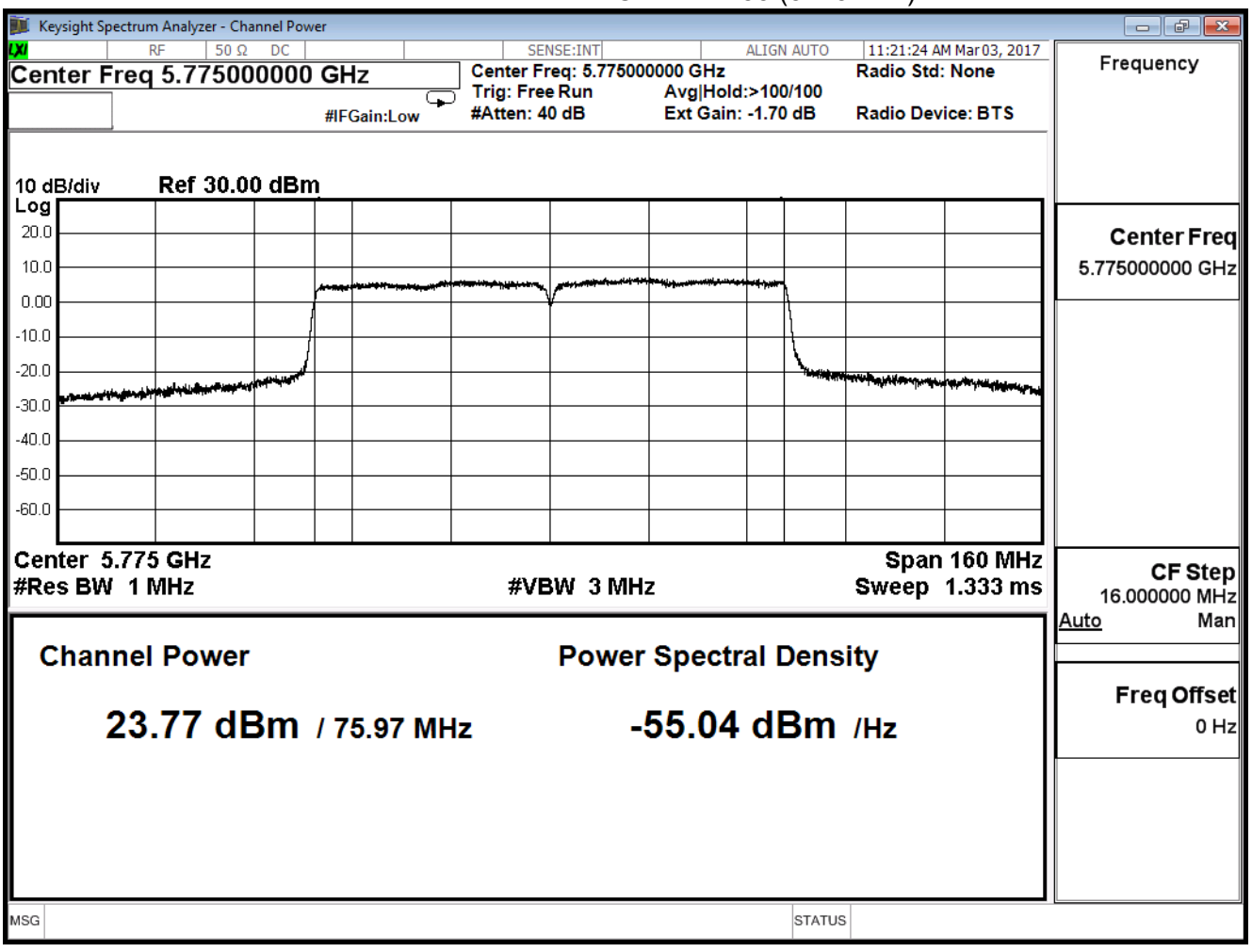
IEEE802.11ac 80MHz (ANT 1)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 155 | 5775 | 23.770 | ≤30 |

The worst emission of data rate is MCS0

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| 155 | 5775 | 23.770 | 23.620 | 23.410 | 23.080 | 22.900 | 22.760 | 22.550 | 22.320 | 22.180 | 22.000 | ≤30dBm |

Peak transmit Power - Channel 155 (5775MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

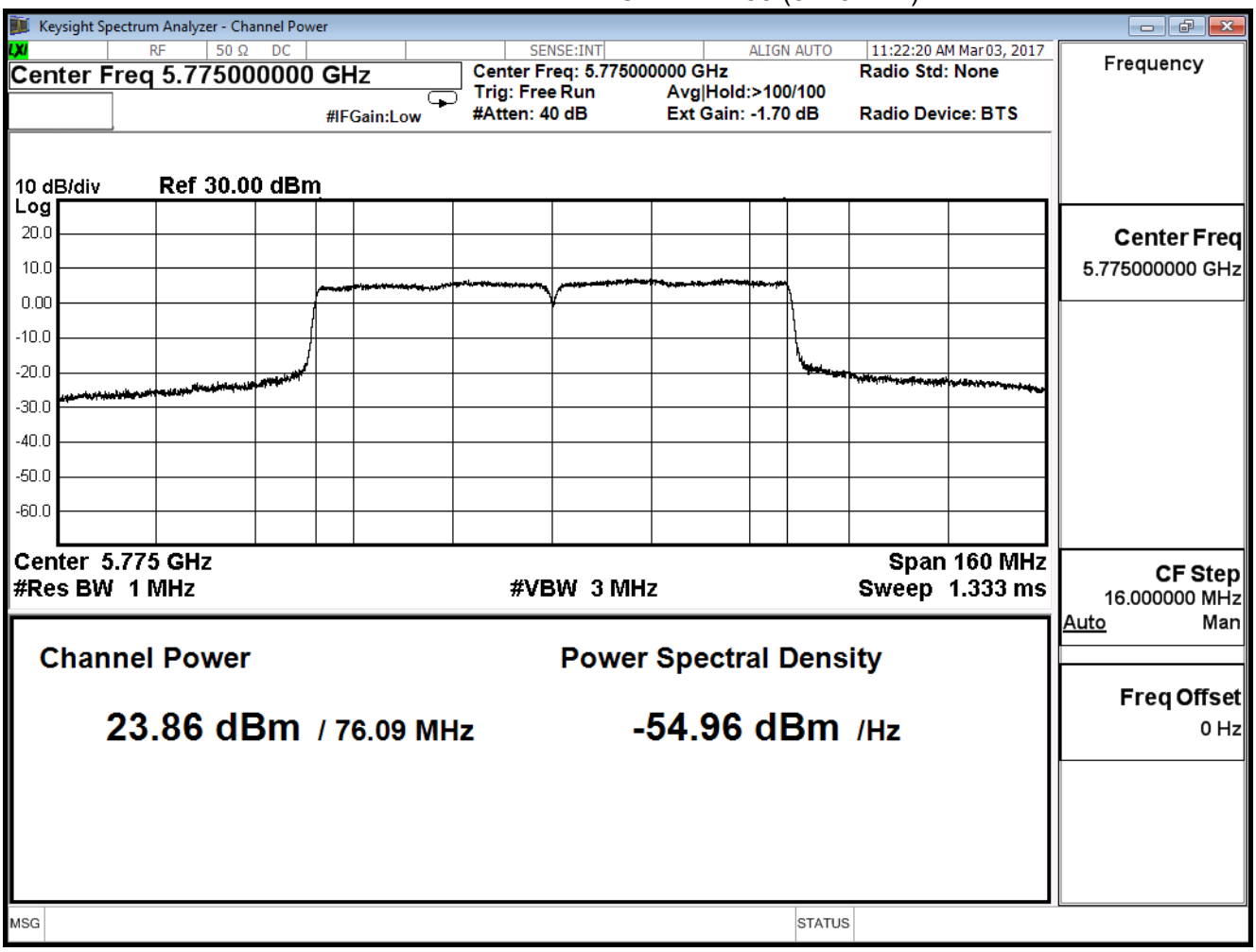
IEEE802.11ac 80MHz (ANT 2)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 155 | 5775 | 23.860 | ≤30 |

The worst emission of data rate is MCS0

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| 155 | 5775 | 23.860 | 23.710 | 23.580 | 23.440 | 23.020 | 22.890 | 22.760 | 22.620 | 22.510 | 22.440 | ≤30dBm |

Peak transmit Power - Channel 155 (5775MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

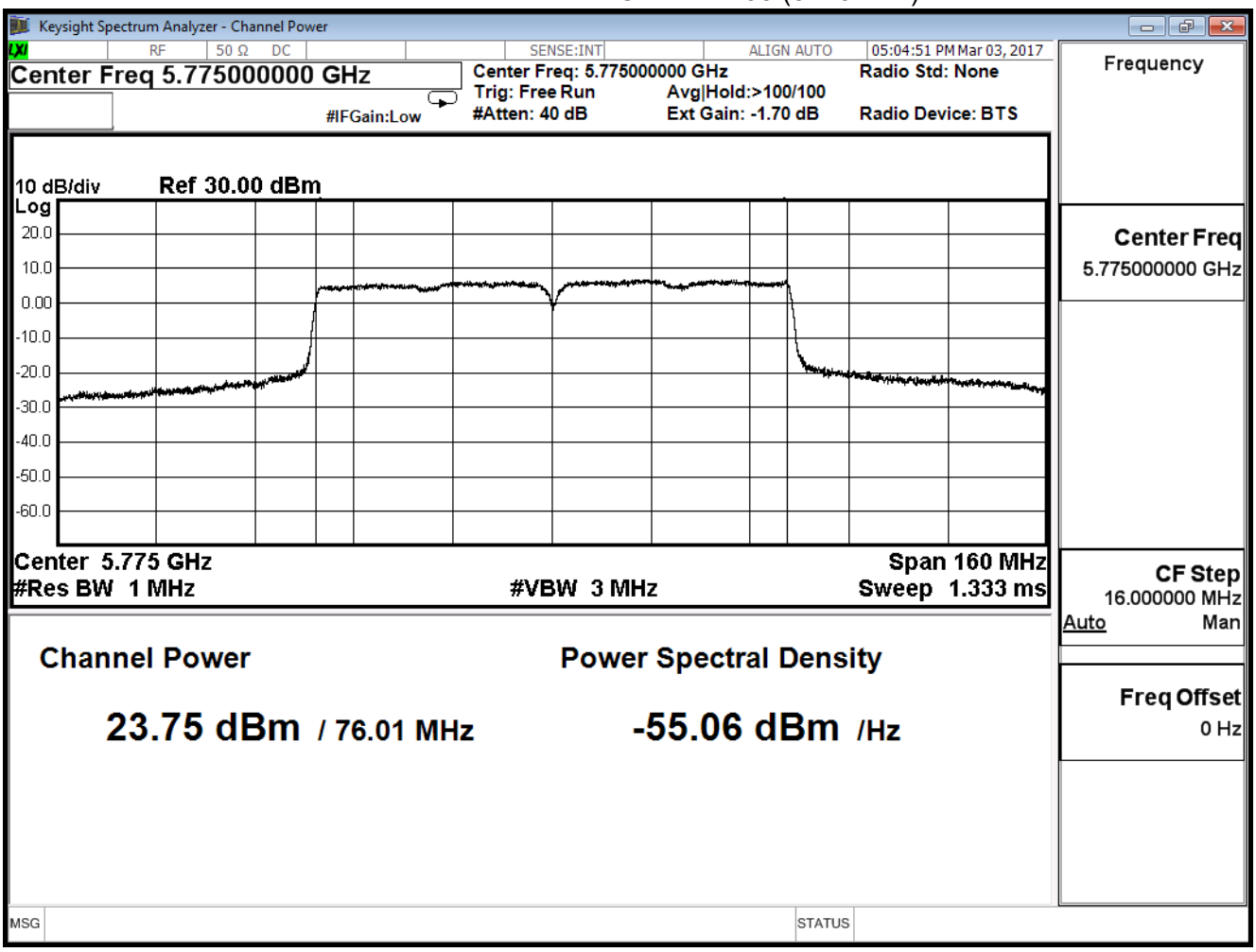
IEEE802.11ac 80MHz (ANT 3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 155 | 5775 | 23.750 | ≤30 |

The worst emission of data rate is MCS0

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| 155 | 5775 | 23.750 | 23.7000 | 23.320 | 23.110 | 23.020 | 22.900 | 22.800 | 22.620 | 22.410 | 22.120 | ≤30dBm |

Peak transmit Power - Channel 155 (5775MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 2: Tx_ADP: AD890326010-2LF_ MIMO Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE802.11ac 80MHz (ANT 0+1+2+3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 155 | 5775 | 29.811 | ≤30 |

| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE 802.11n 20MHz (ANT 0)

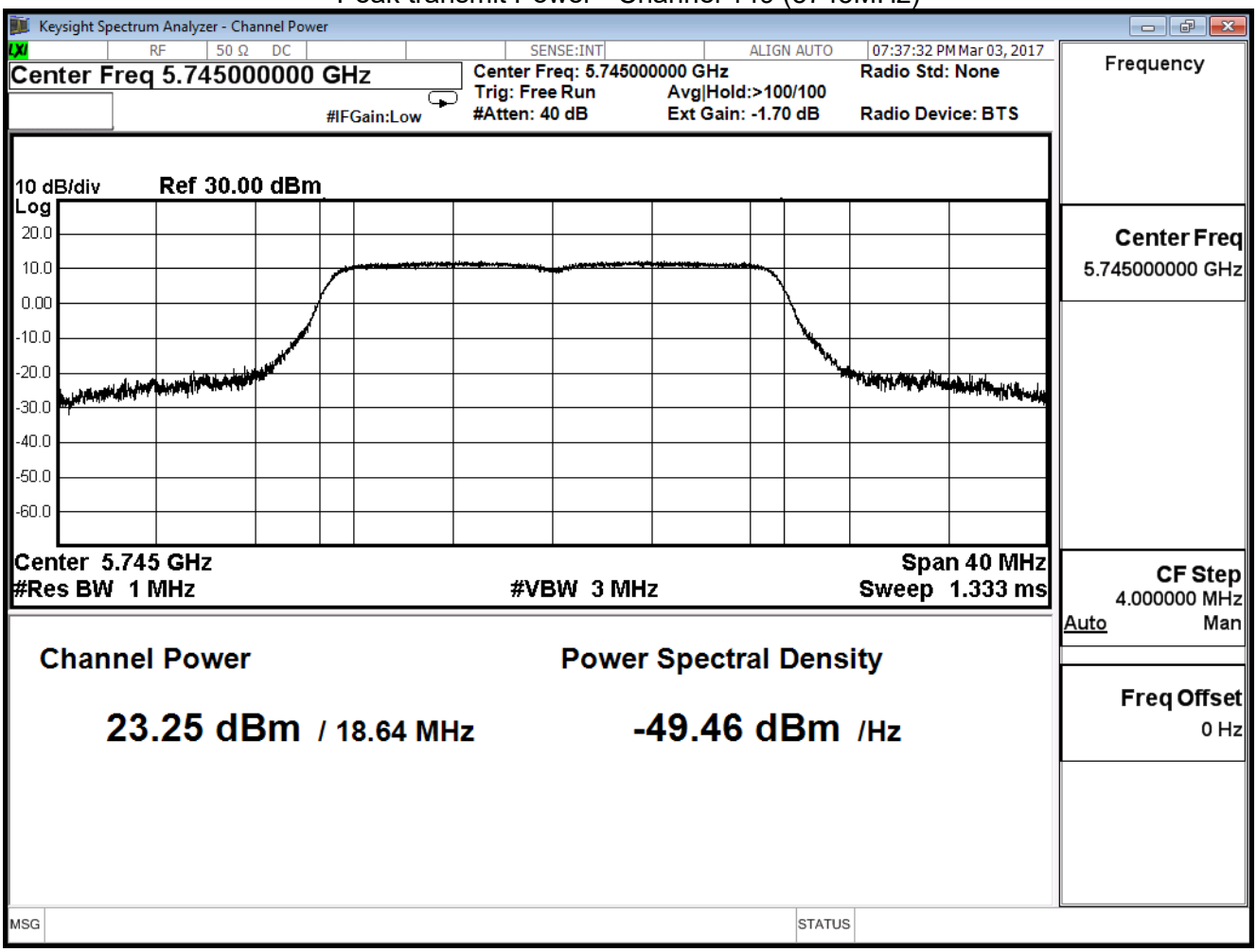
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.250 | ≤29.38 |
| 157 | 5785 | 23.260 | ≤29.38 |
| 165 | 5825 | 23.320 | ≤29.38 |

The worst emission of data rate is MCS 0

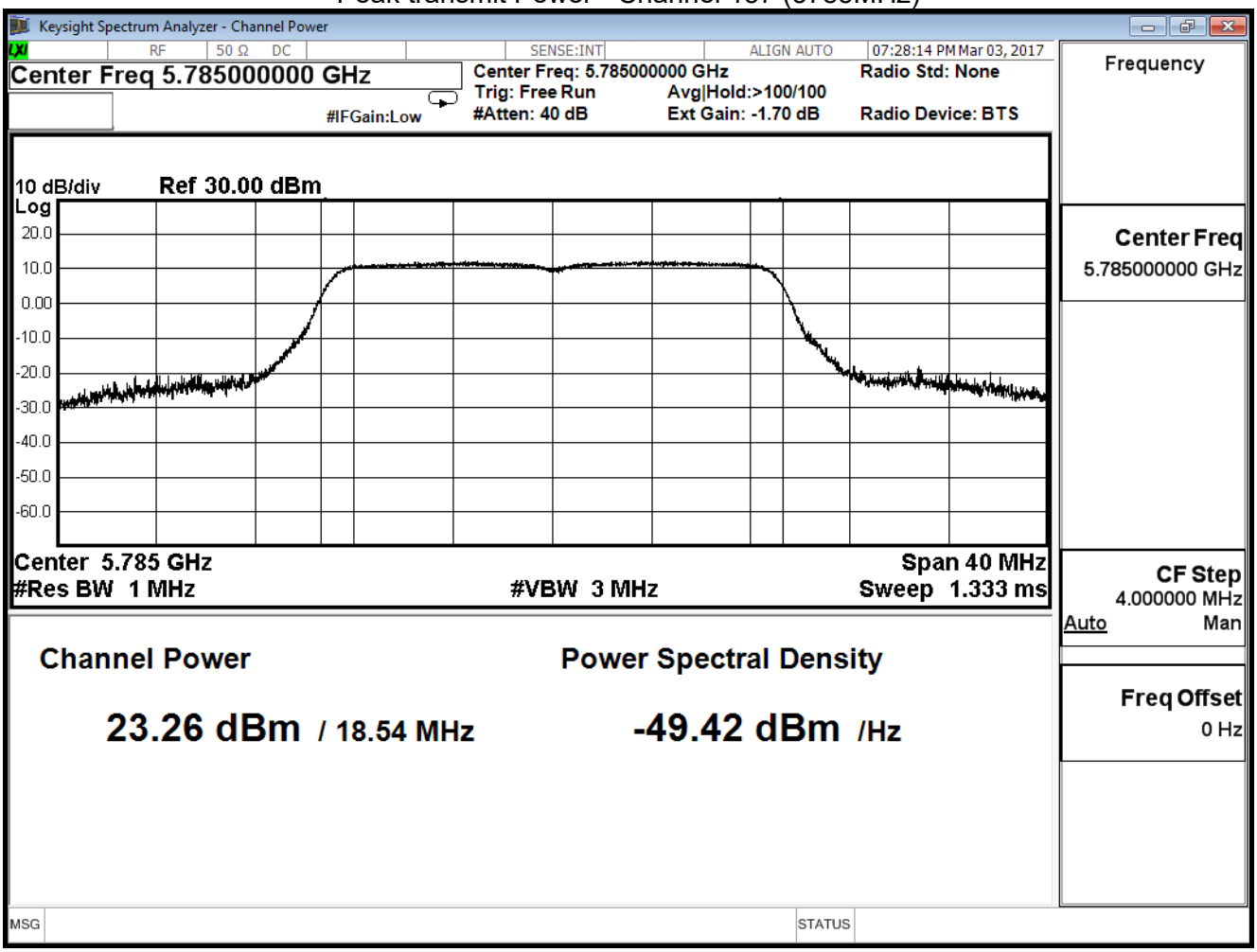
| Peak Power Output (dBm) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 149 | 5745 | 23.250 | -- | -- | -- | -- | -- | -- | -- | ≤29.38dBm |
| 157 | 5785 | 23.260 | 23.200 | 23.110 | 23.010 | 22.900 | 23.770 | 23.620 | 23.550 | |
| 165 | 5825 | 23.320 | -- | -- | -- | -- | -- | -- | -- | |

Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62
Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

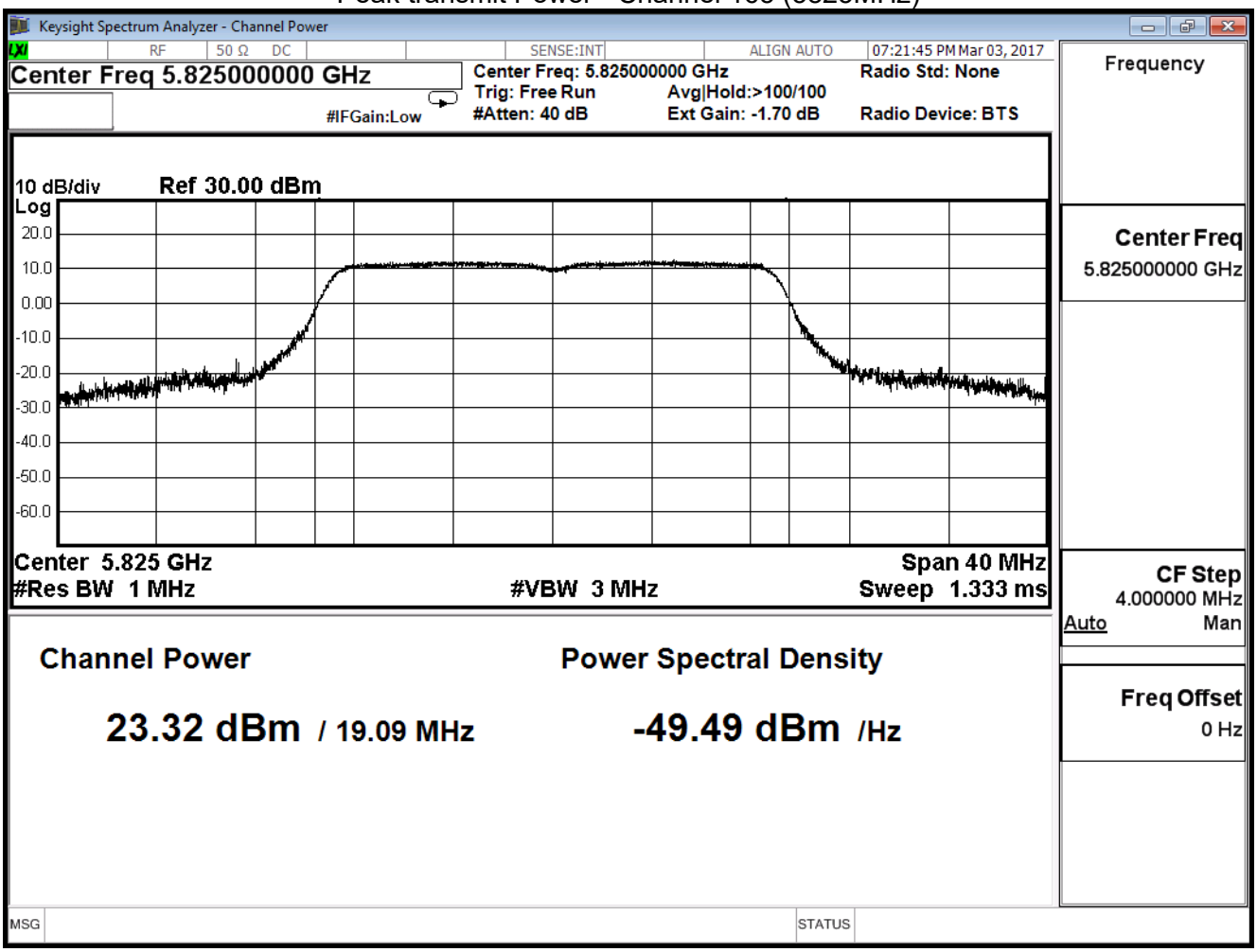
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE 802.11n 20MHz (ANT 1)

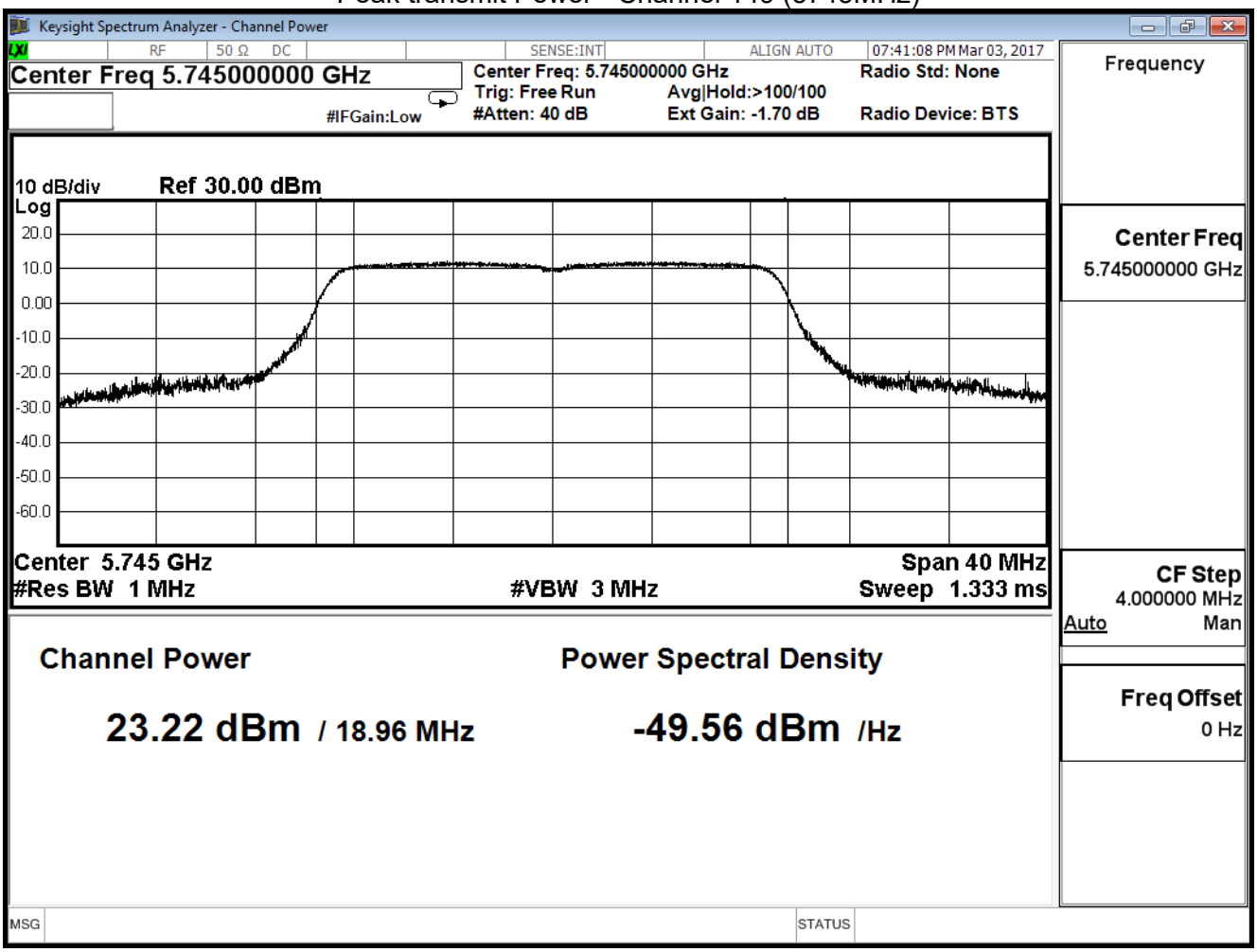
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.220 | ≤29.38 |
| 157 | 5785 | 23.260 | ≤29.38 |
| 165 | 5825 | 23.300 | ≤29.38 |

The worst emission of data rate is MCS 0

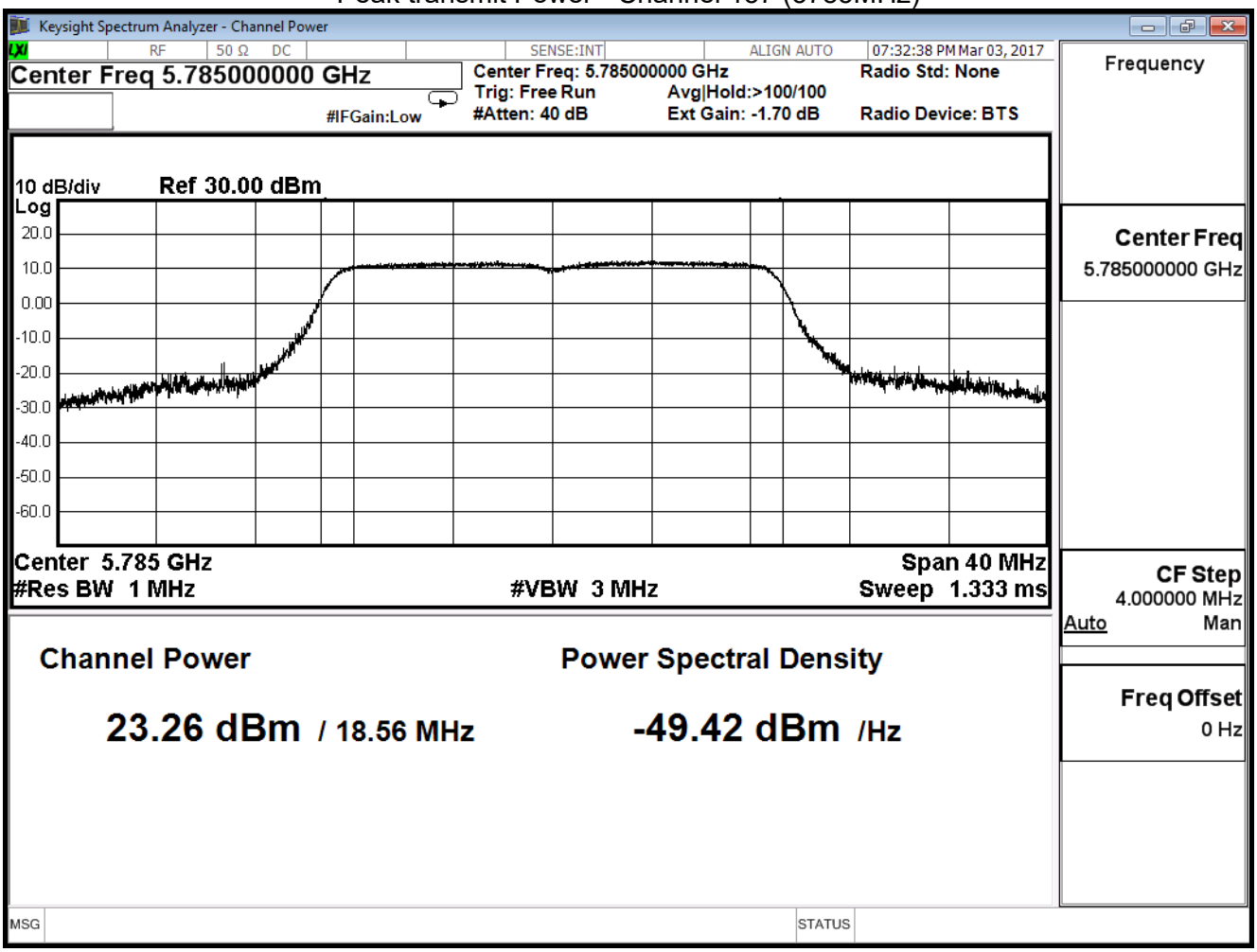
| Peak Power Output (dBm) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 149 | 5745 | 23.220 | -- | -- | -- | -- | -- | -- | -- | ≤29.38dBm |
| 157 | 5785 | 23.260 | 23.200 | 23.110 | 23.020 | 22.930 | 22.810 | 22.730 | 22.660 | |
| 165 | 5825 | 23.300 | -- | -- | -- | -- | -- | -- | -- | |

Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62
Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

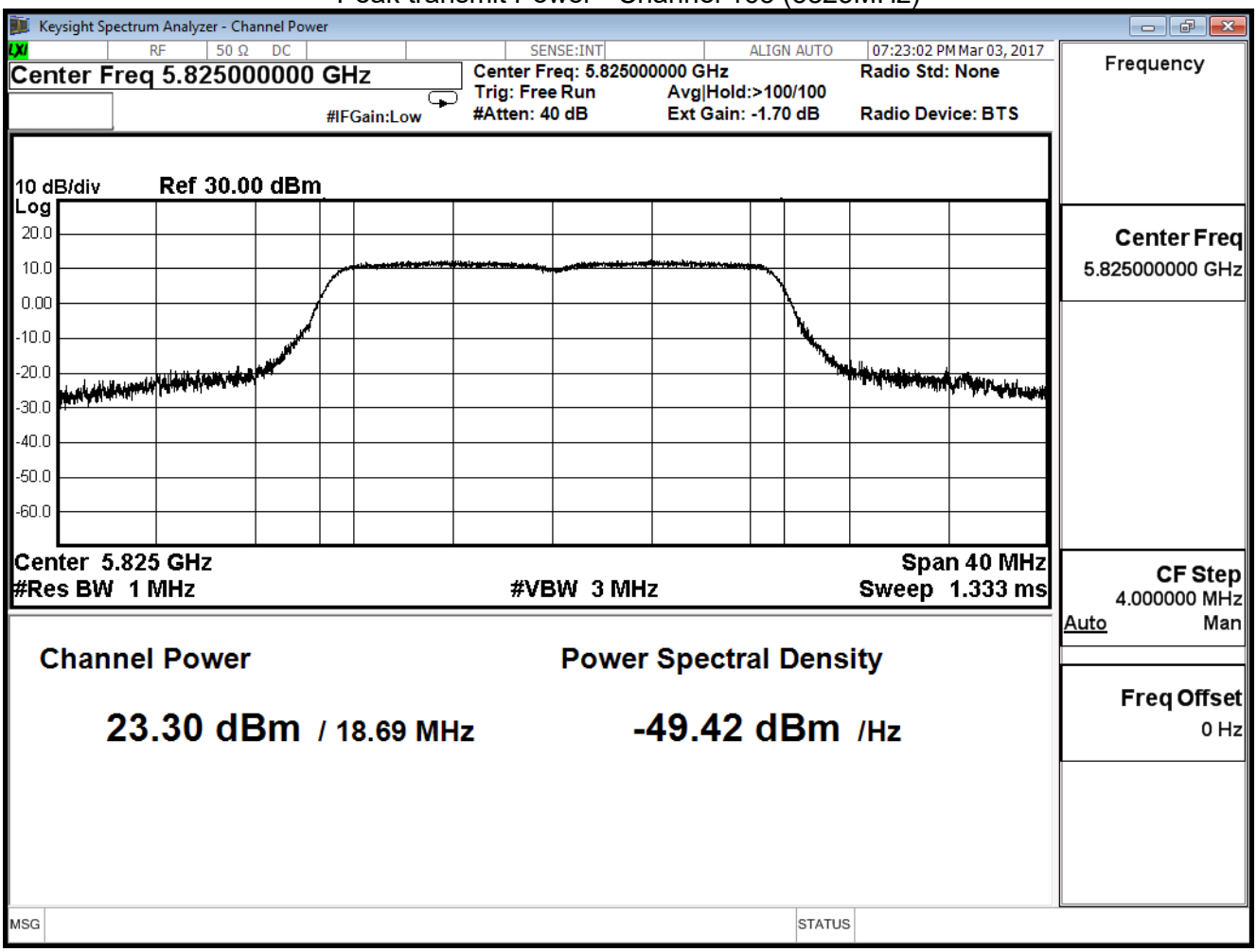
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE 802.11n 20MHz (ANT 2)

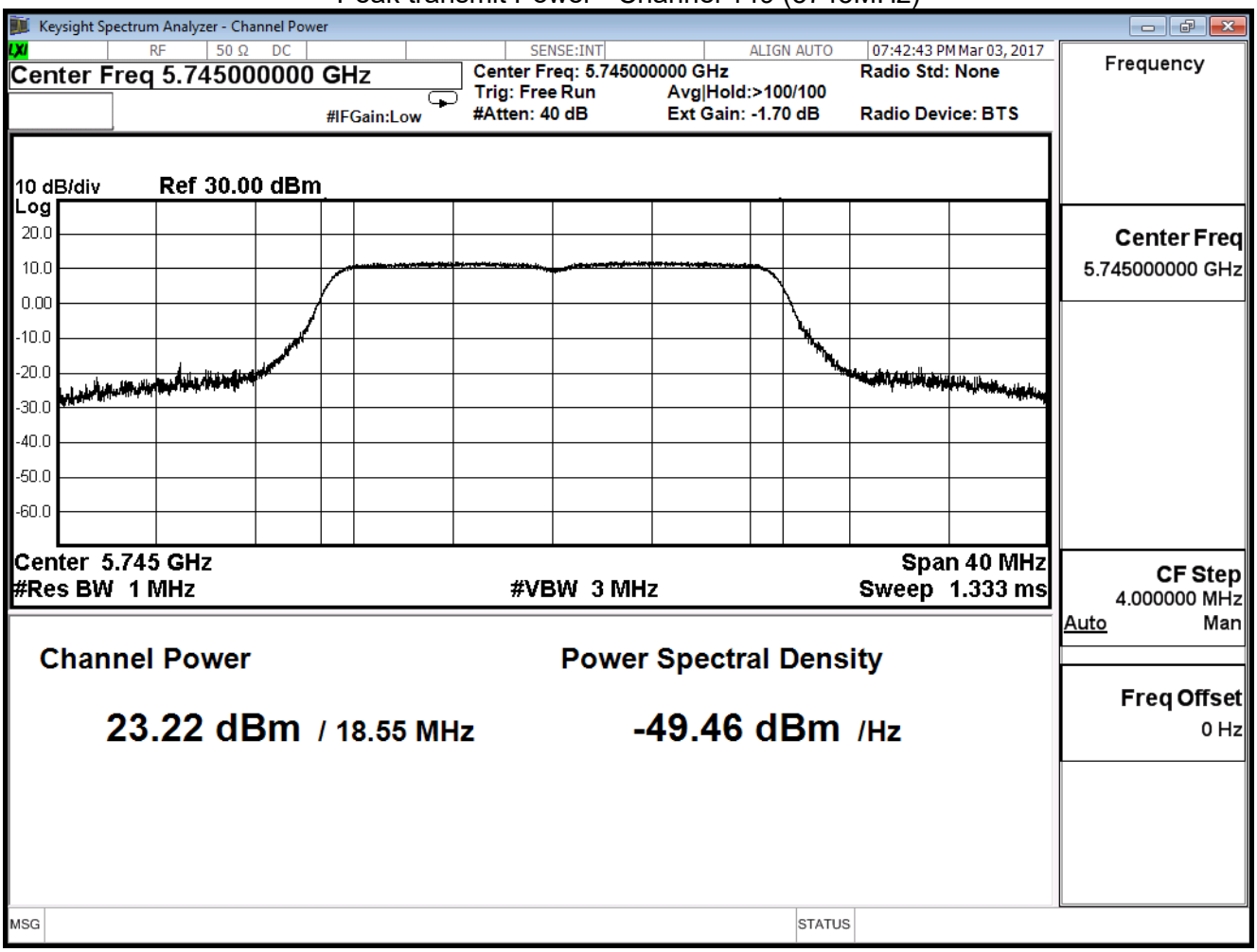
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.220 | ≤29.38 |
| 157 | 5785 | 23.230 | ≤29.38 |
| 165 | 5825 | 23.350 | ≤29.38 |

The worst emission of data rate is MCS 0

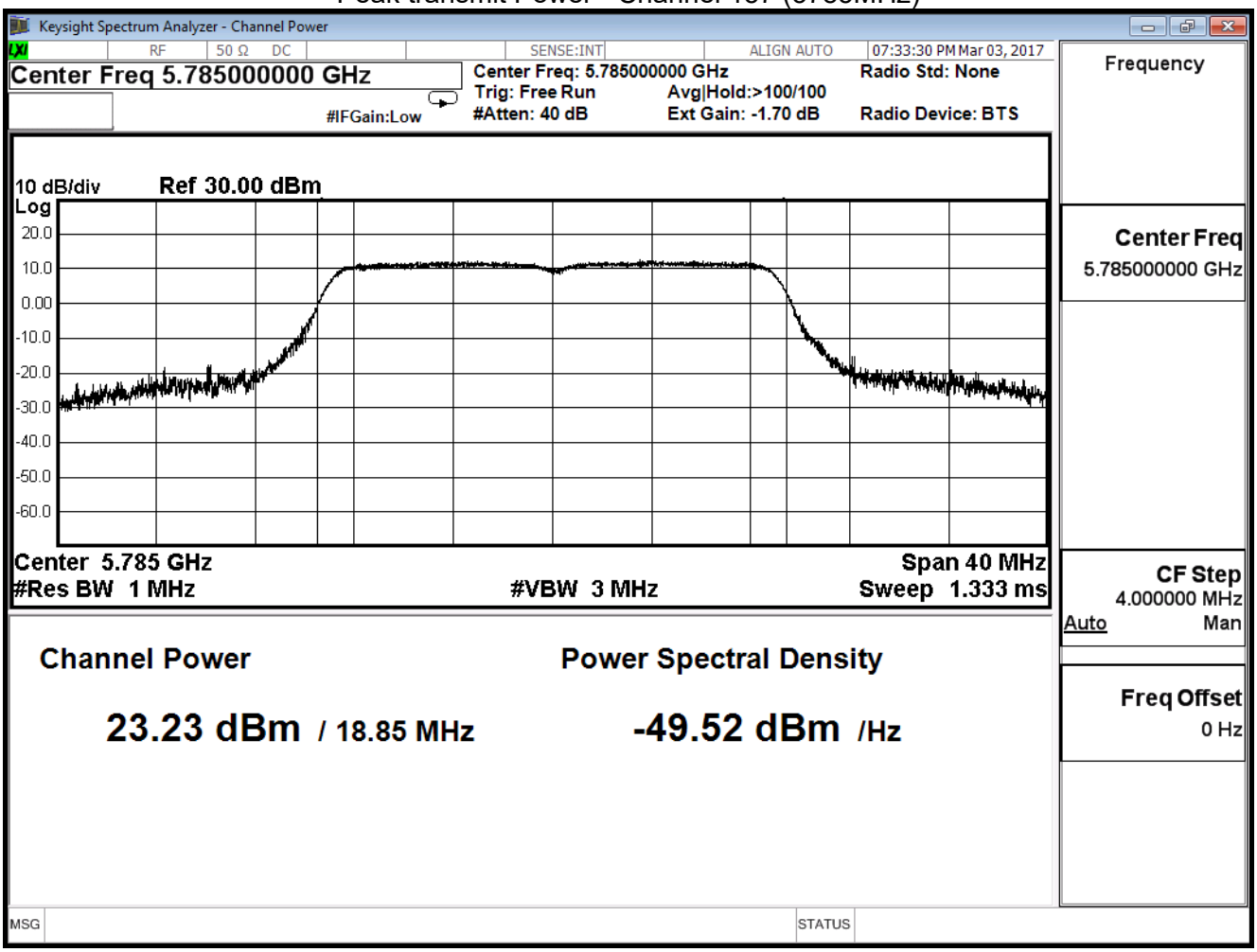
| Peak Power Output (dBm) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 149 | 5745 | 23.220 | -- | -- | -- | -- | -- | -- | -- | ≤29.38dBm |
| 157 | 5785 | 23.230 | 23.200 | 23.110 | 23.010 | 22.910 | 22.860 | 22.720 | 22.550 | |
| 165 | 5825 | 23.350 | -- | -- | -- | -- | -- | -- | -- | |

Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62
Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

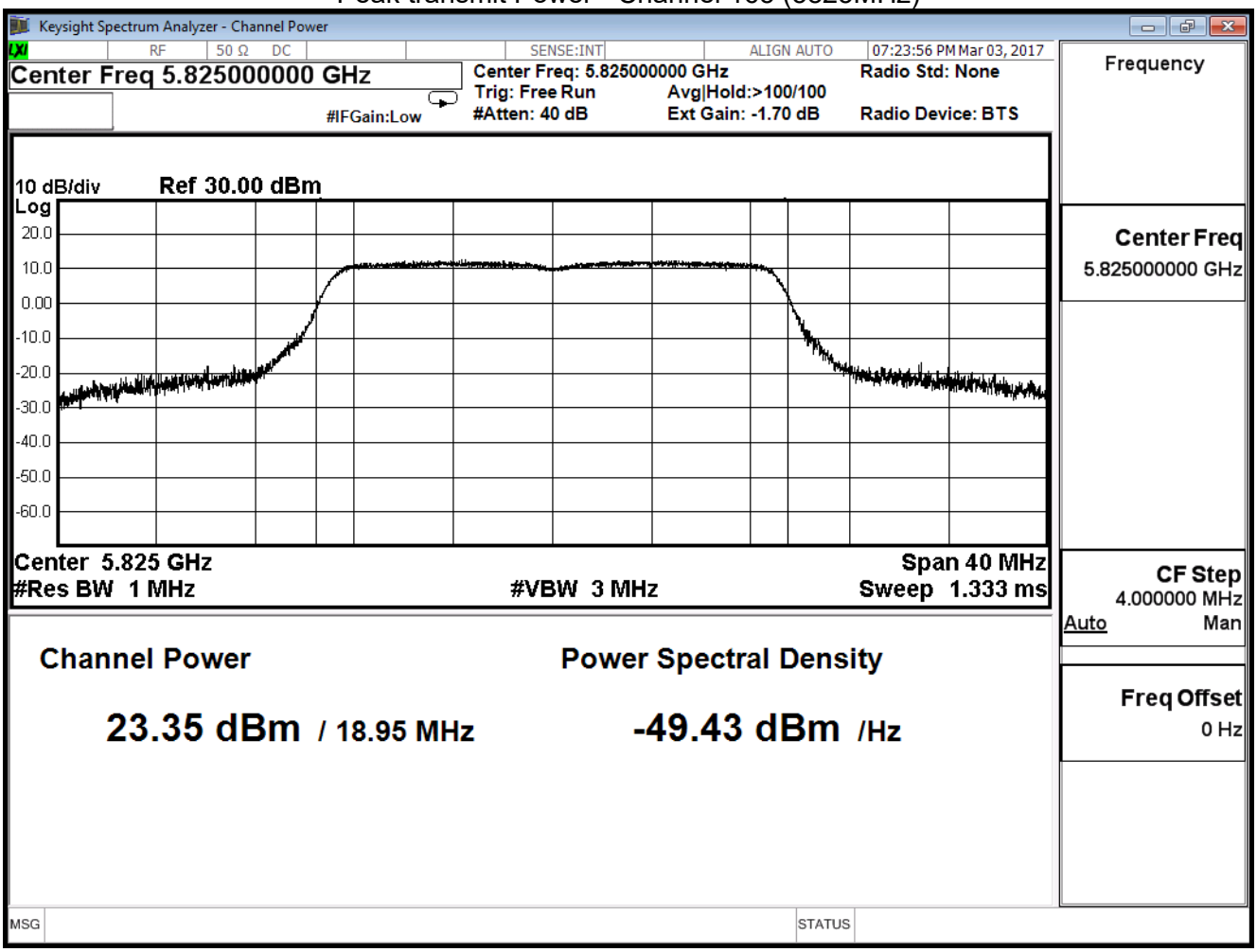
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
|---|---|---|---|
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE 802.11n 20MHz (ANT 3)

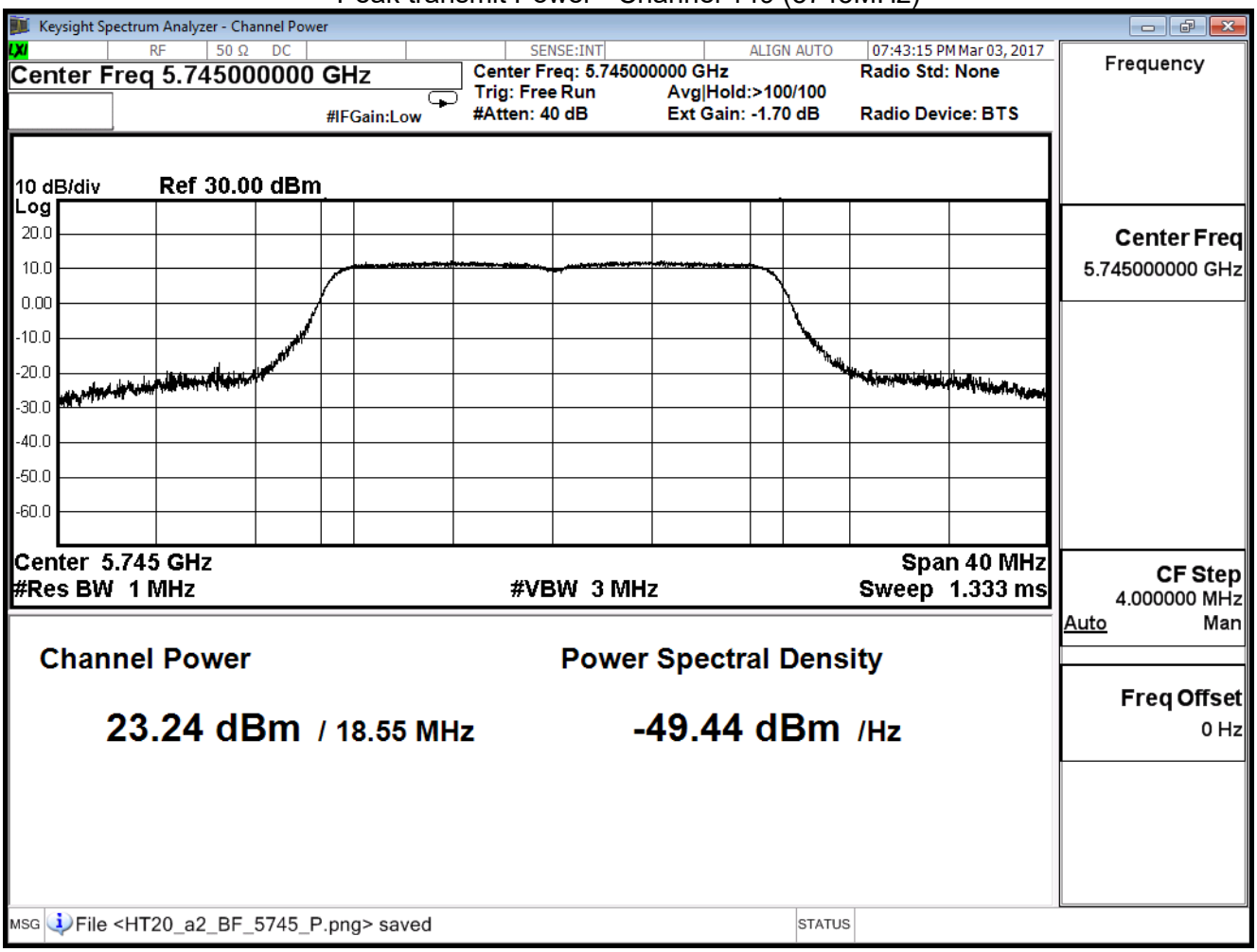
| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 23.240 | ≤29.38 |
| 157 | 5785 | 23.300 | ≤29.38 |
| 165 | 5825 | 23.320 | ≤29.38 |

The worst emission of data rate is MCS 0

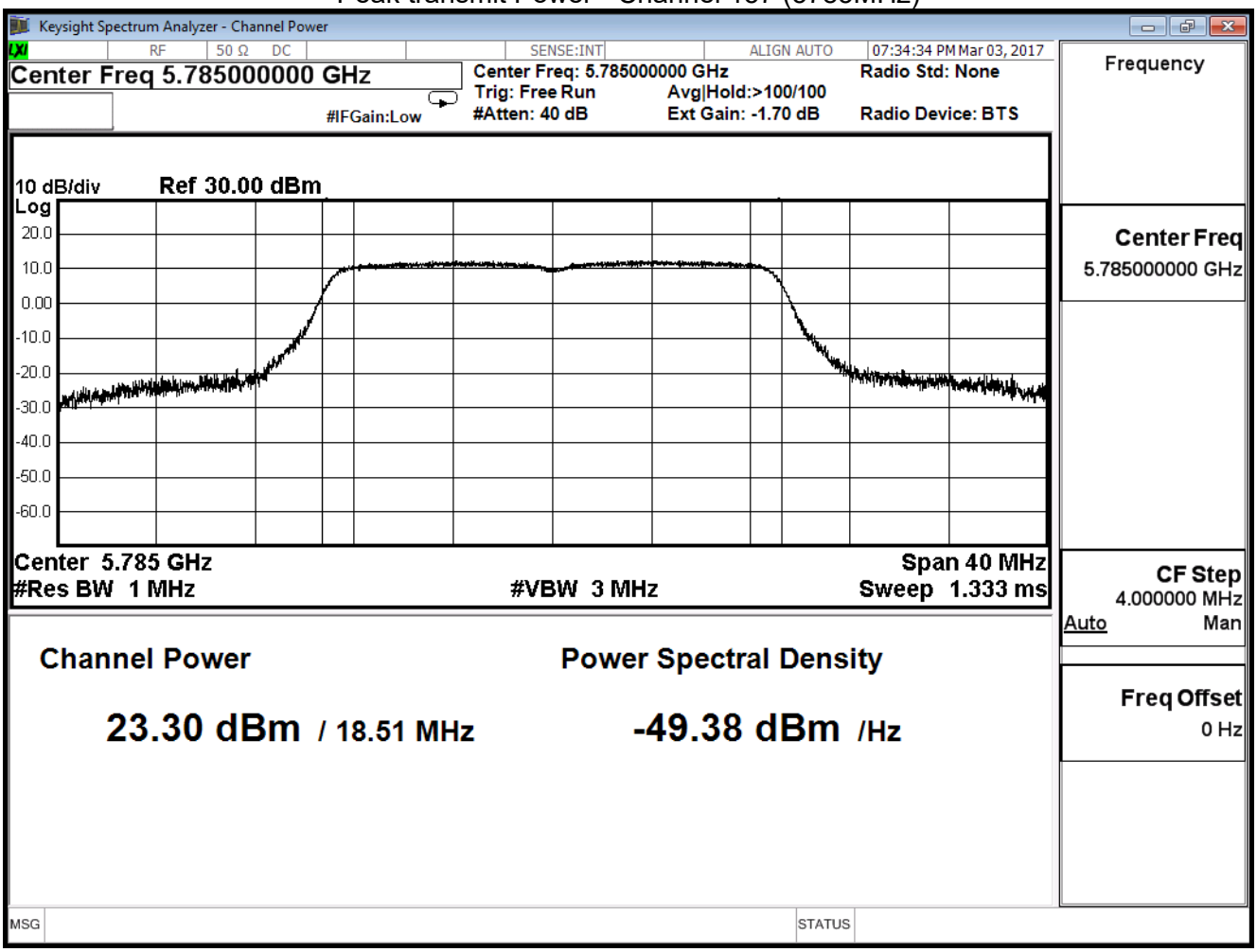
| Peak Power Output (dBm) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 149 | 5745 | 23.240 | -- | -- | -- | -- | -- | -- | -- | ≤29.38dBm |
| 157 | 5785 | 23.300 | 23.110 | 23.020 | 22.910 | 22.800 | 22.730 | 22.660 | 22.580 | |
| 165 | 5825 | 23.320 | -- | -- | -- | -- | -- | -- | -- | |

Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62
Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

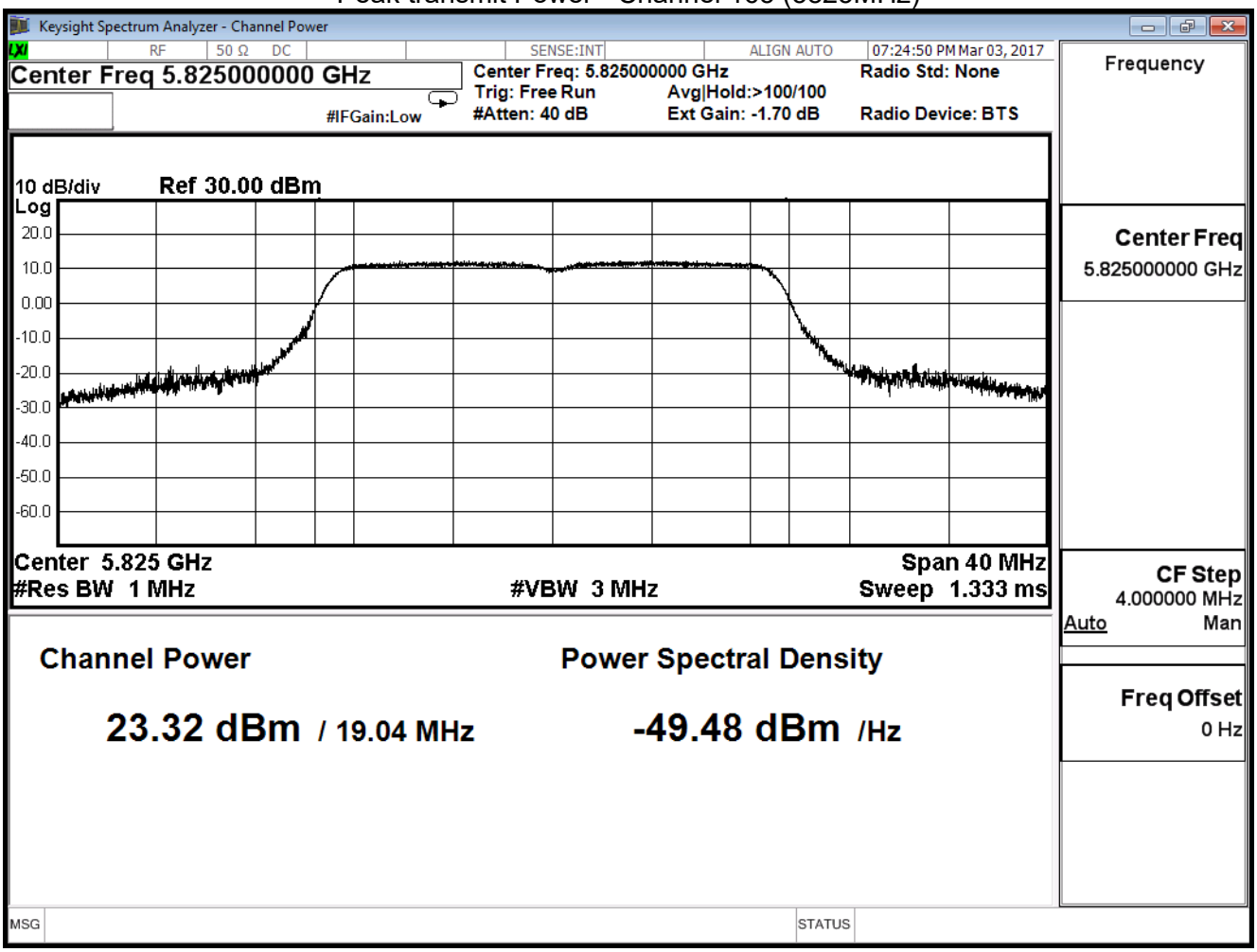
Peak transmit Power - Channel 149 (5745MHz)



Peak transmit Power - Channel 157 (5785MHz)



Peak transmit Power - Channel 165 (5825MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE 802.11n 20MHz (ANT 0+1+2+3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 149 | 5745 | 29.253 | ≤29.38 |
| 157 | 5785 | 29.283 | ≤29.38 |
| 165 | 5825 | 29.343 | ≤29.38 |

Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62
Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE802.11n 40MHz(ANT 0)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 151 | 5755 | 23.300 | ≤29.38 |
| 159 | 5795 | 23.350 | ≤29.38 |

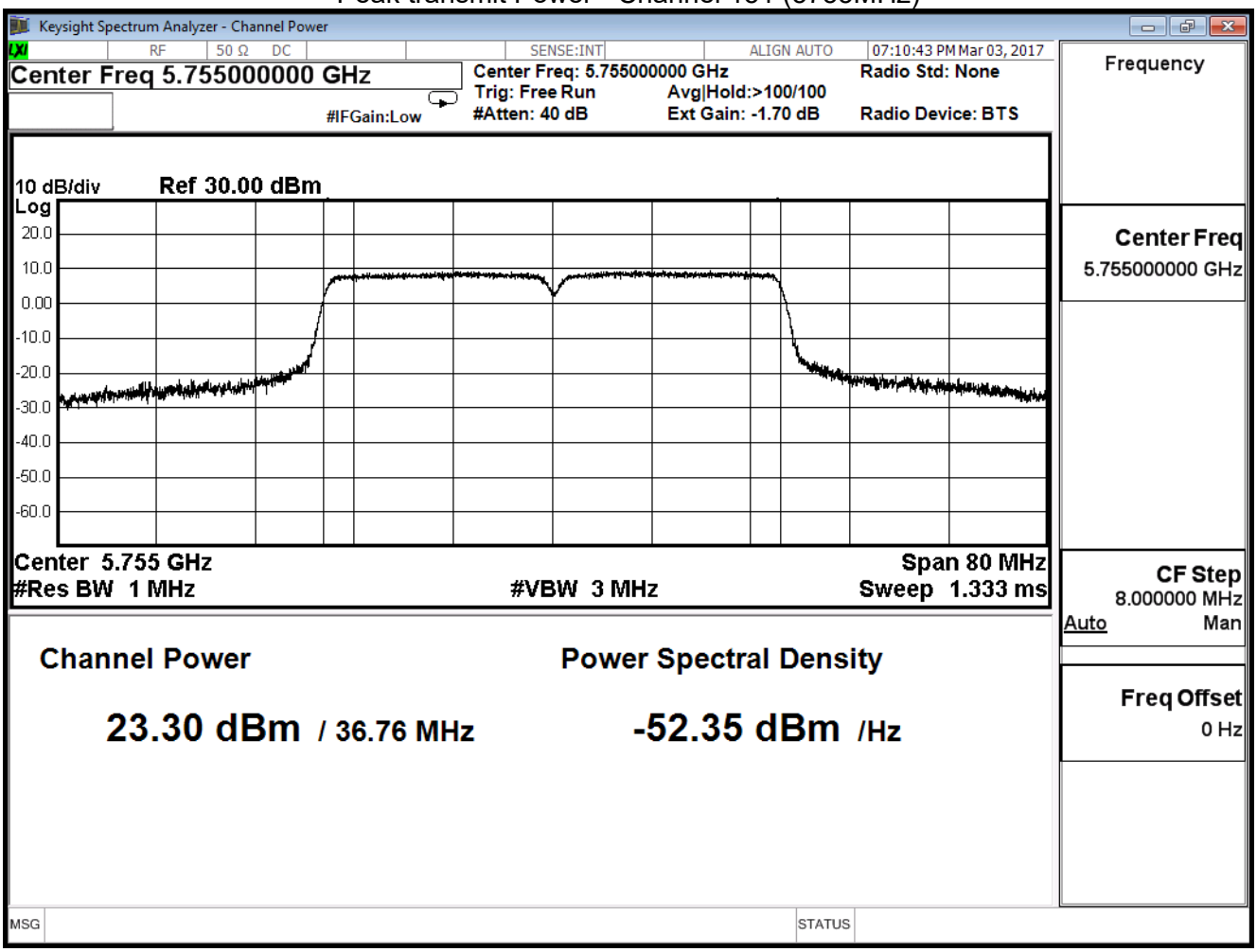
The worst emission of data rate is MCS 0

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 151 | 5755 | 23.300 | -- | -- | -- | -- | -- | -- | -- | ≤29.38dBm |
| 159 | 5795 | 23.350 | 23.300 | 23.180 | 23.010 | 22.900 | 22.760 | 22.550 | 22.380 | |

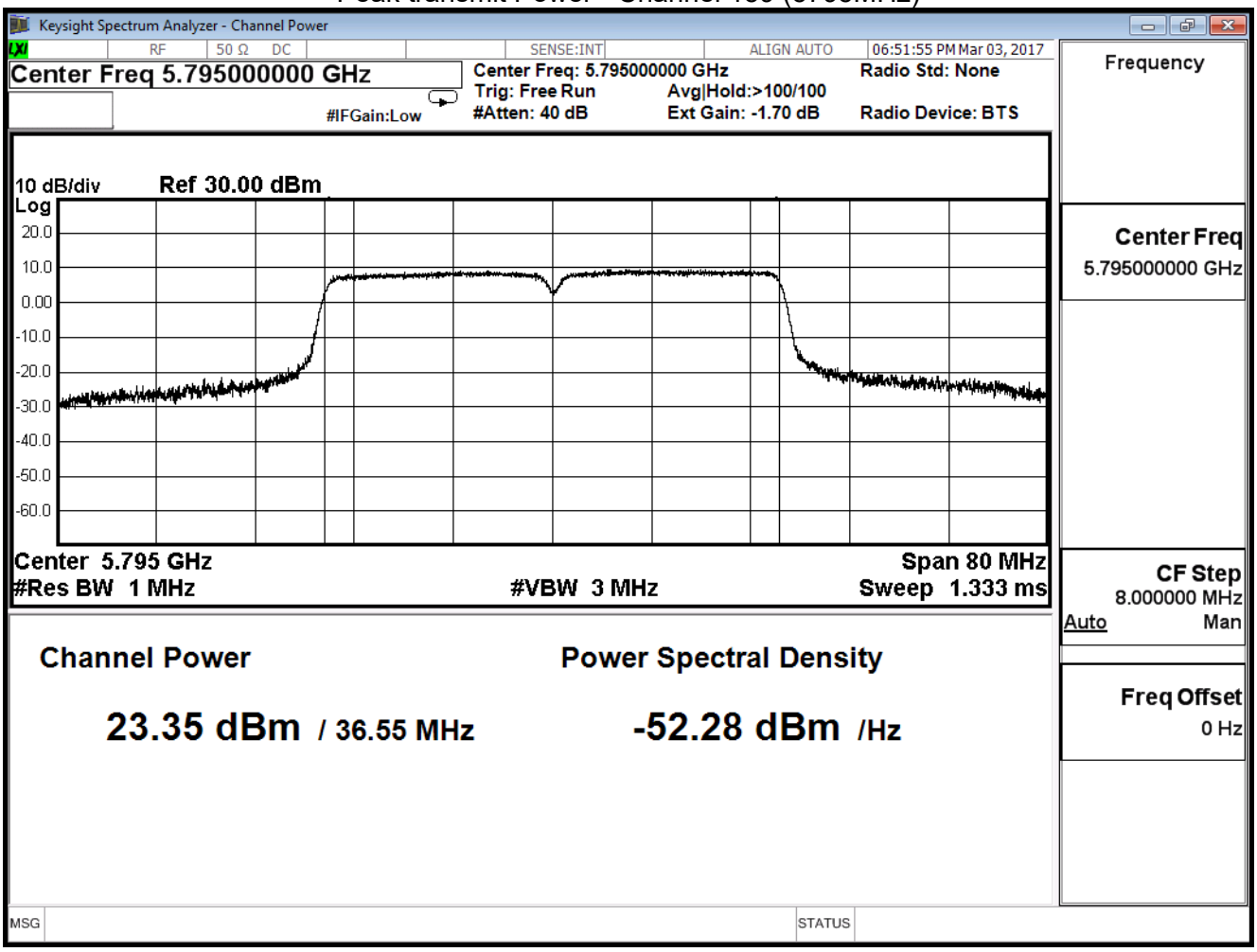
Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62

Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

Peak transmit Power - Channel 151 (5755MHz)



Peak transmit Power - Channel 159 (5795MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE802.11n 40MHz(ANT 1)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 151 | 5755 | 23.280 | ≤29.38 |
| 159 | 5795 | 23.360 | ≤29.38 |

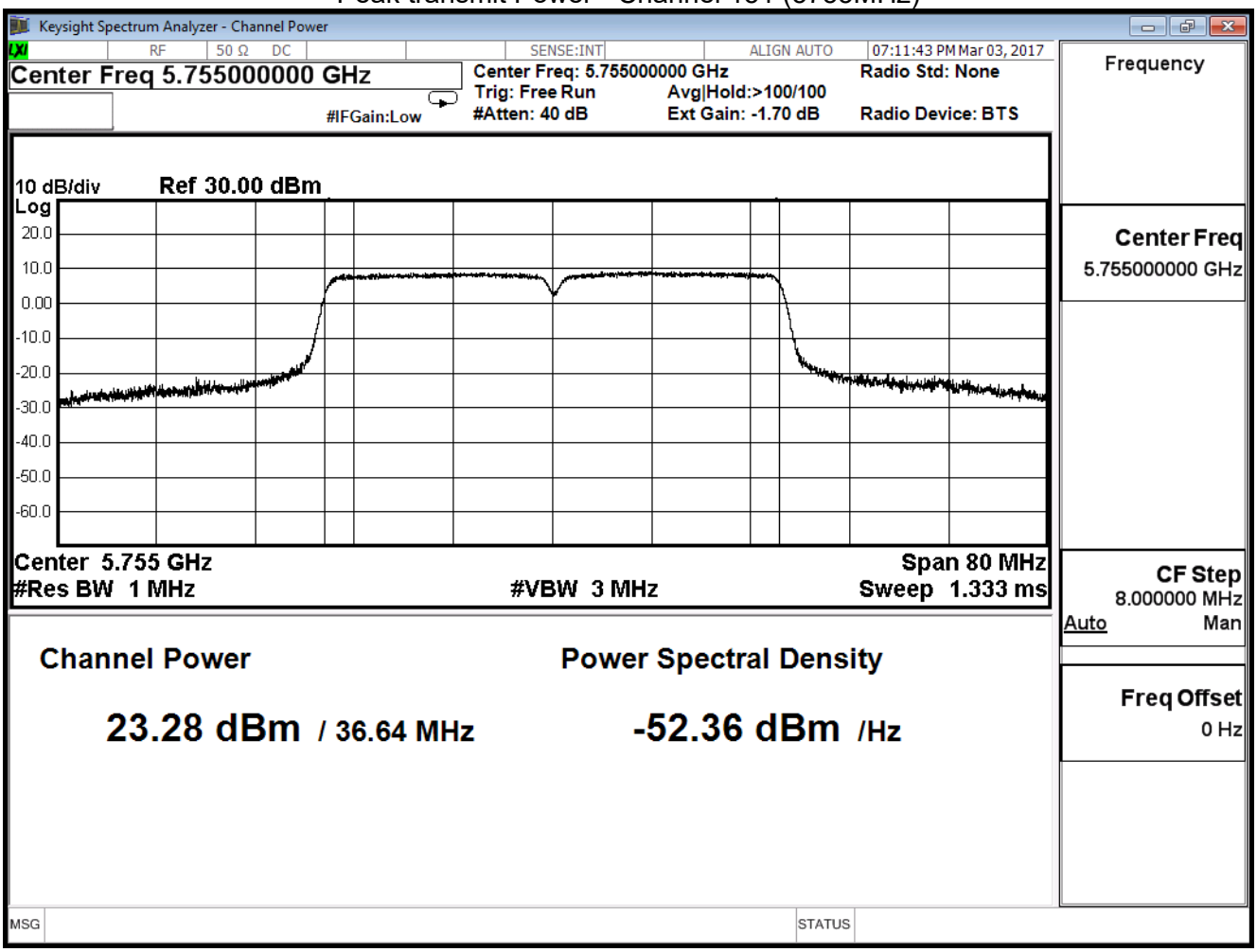
The worst emission of data rate is MCS 0

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 151 | 5755 | 23.280 | -- | -- | -- | -- | -- | -- | -- | ≤29.38dBm |
| 159 | 5795 | 23.360 | 22.300 | 22.110 | 22.050 | 21.900 | 21.780 | 21.650 | 21.550 | |

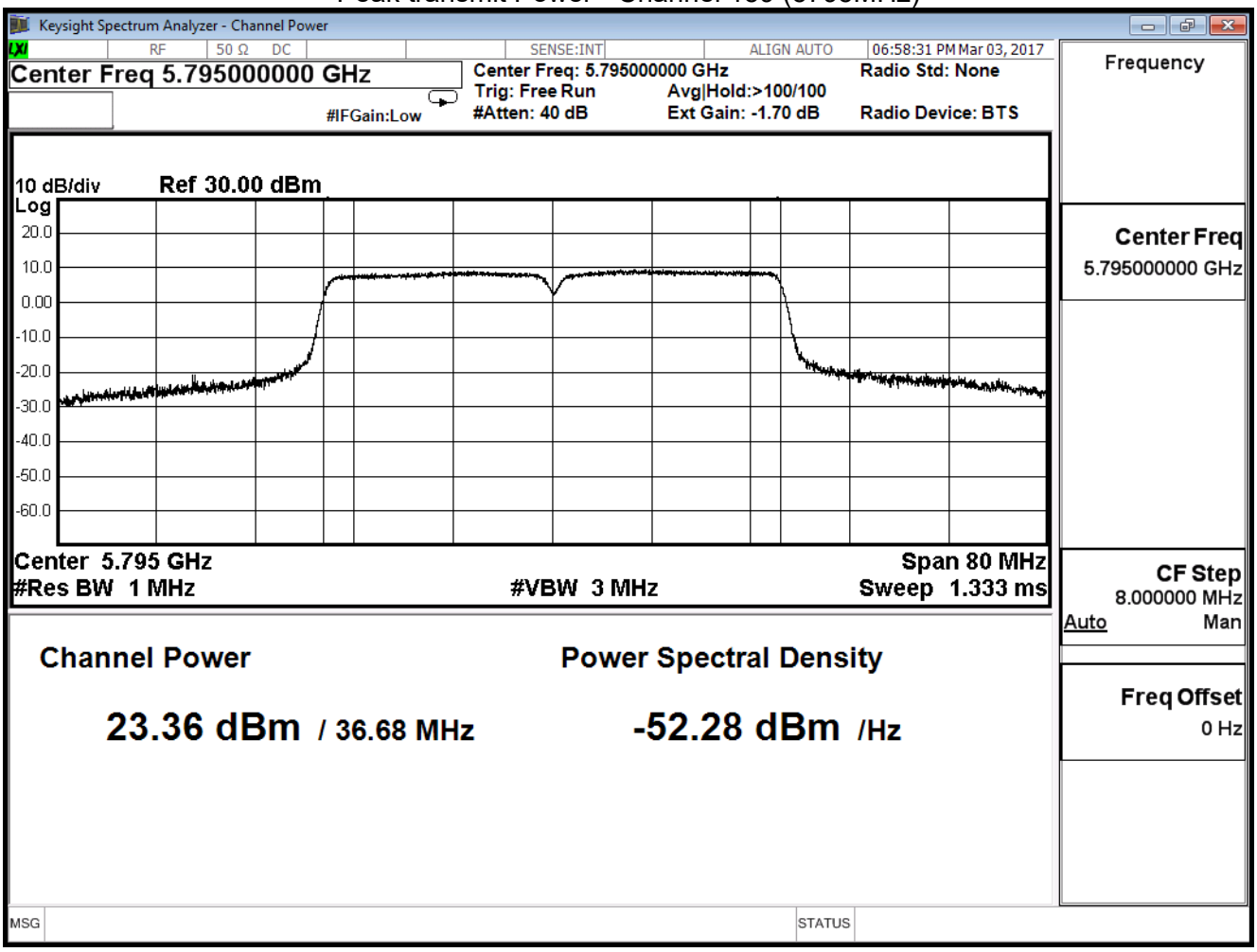
Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62

Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

Peak transmit Power - Channel 151 (5755MHz)



Peak transmit Power - Channel 159 (5795MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE802.11n 40MHz(ANT 2)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 151 | 5755 | 23.250 | ≤29.38 |
| 159 | 5795 | 23.310 | ≤29.38 |

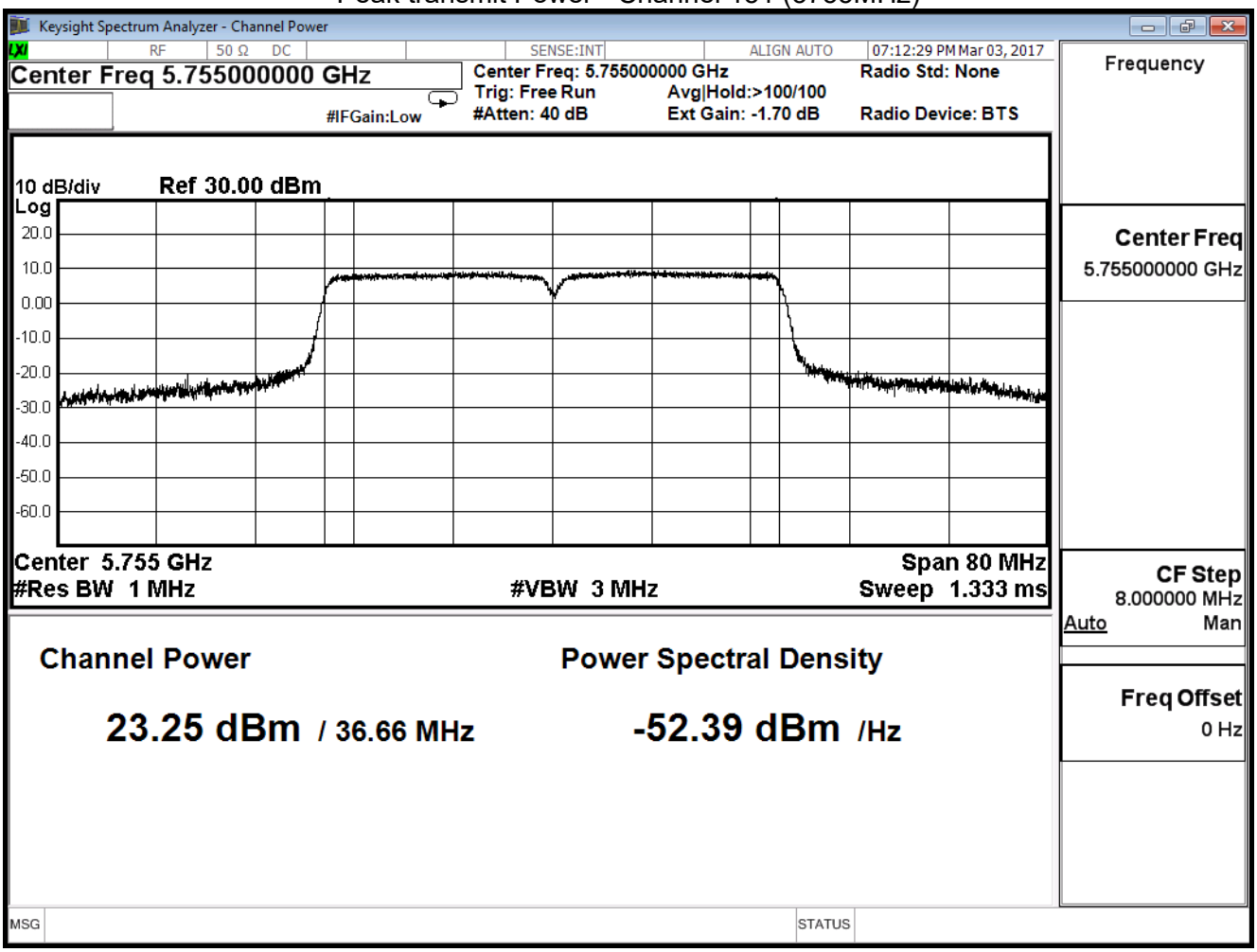
The worst emission of data rate is MCS 0

| Channel | Frequency | MCS Index | | | | | | | | Required |
|---|---|---|---|---|---|---|---|---|---|---|
| No | (MHz) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Limit |
| 151 | 5755 | 23.250 | -- | -- | -- | -- | -- | -- | -- | ≤29.38dBm |
| 159 | 5795 | 23.310 | 23.110 | 23.050 | 22.920 | 22.760 | 22.620 | 22.550 | 22.330 | |

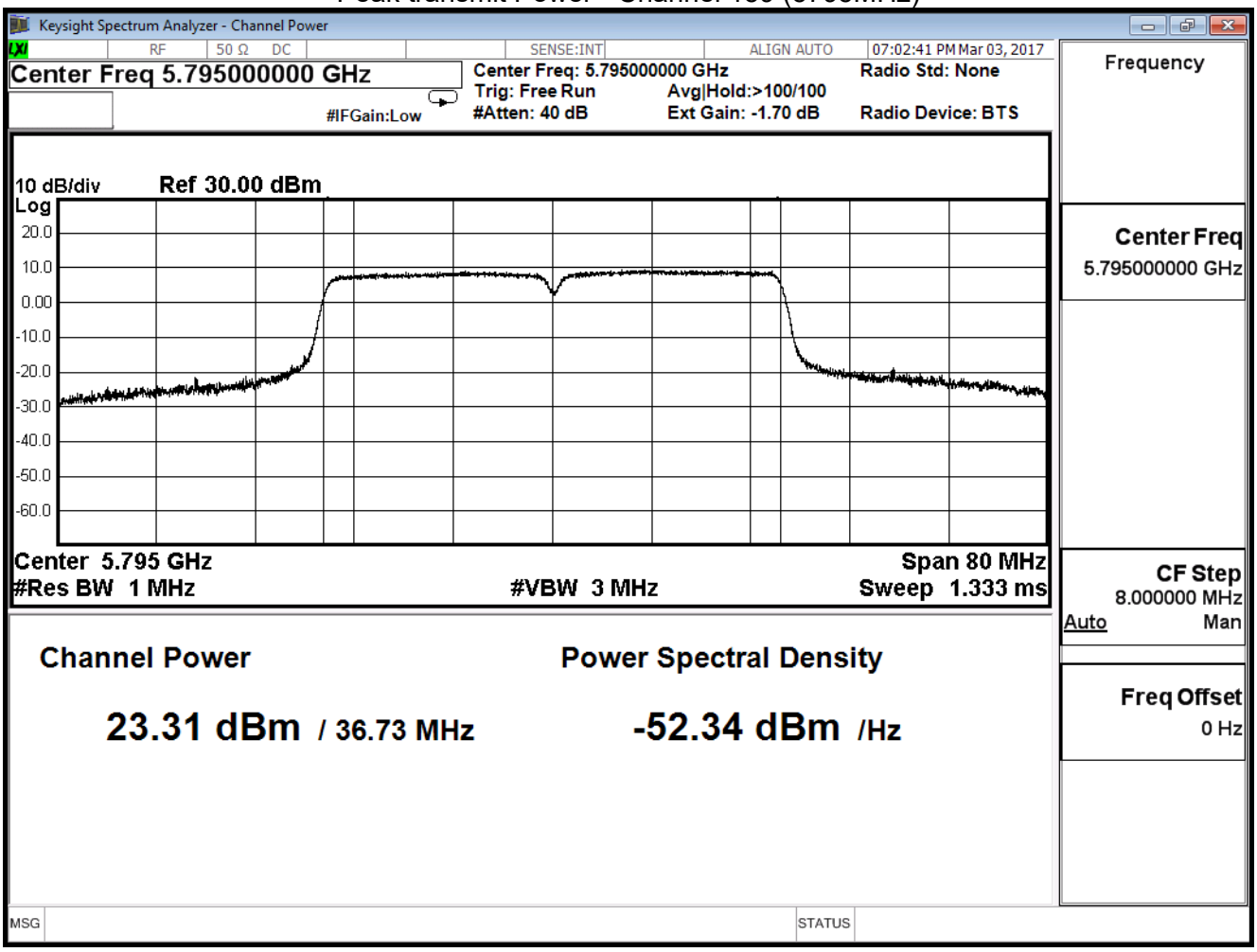
Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62

Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

Peak transmit Power - Channel 151 (5755MHz)



Peak transmit Power - Channel 159 (5795MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE802.11n 40MHz(ANT 3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 151 | 5755 | 23.220 | ≤29.38 |
| 159 | 5795 | 23.320 | ≤29.38 |

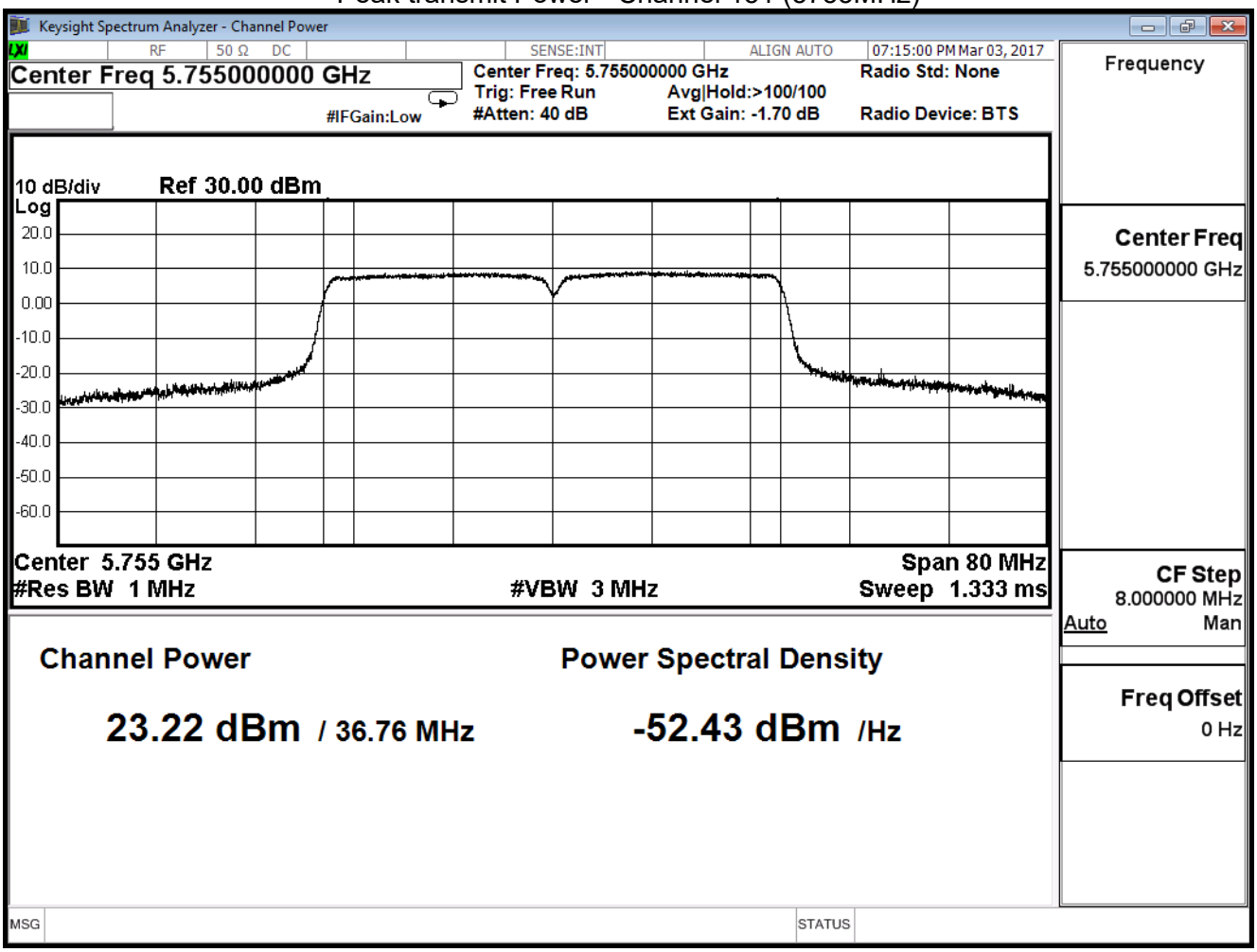
The worst emission of data rate is MCS 0

| Channel | Frequency | MCS Index | | | | | | | | Required |
|---|---|---|---|---|---|---|---|---|---|---|
| No | (MHz) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | Limit |
| 151 | 5755 | 23.220 | -- | -- | -- | -- | -- | -- | -- | ≤29.38dBm |
| 159 | 5795 | 23.320 | 23.110 | 23.000 | 22.900 | 22.760 | 22.620 | 22.550 | 22.310 | |

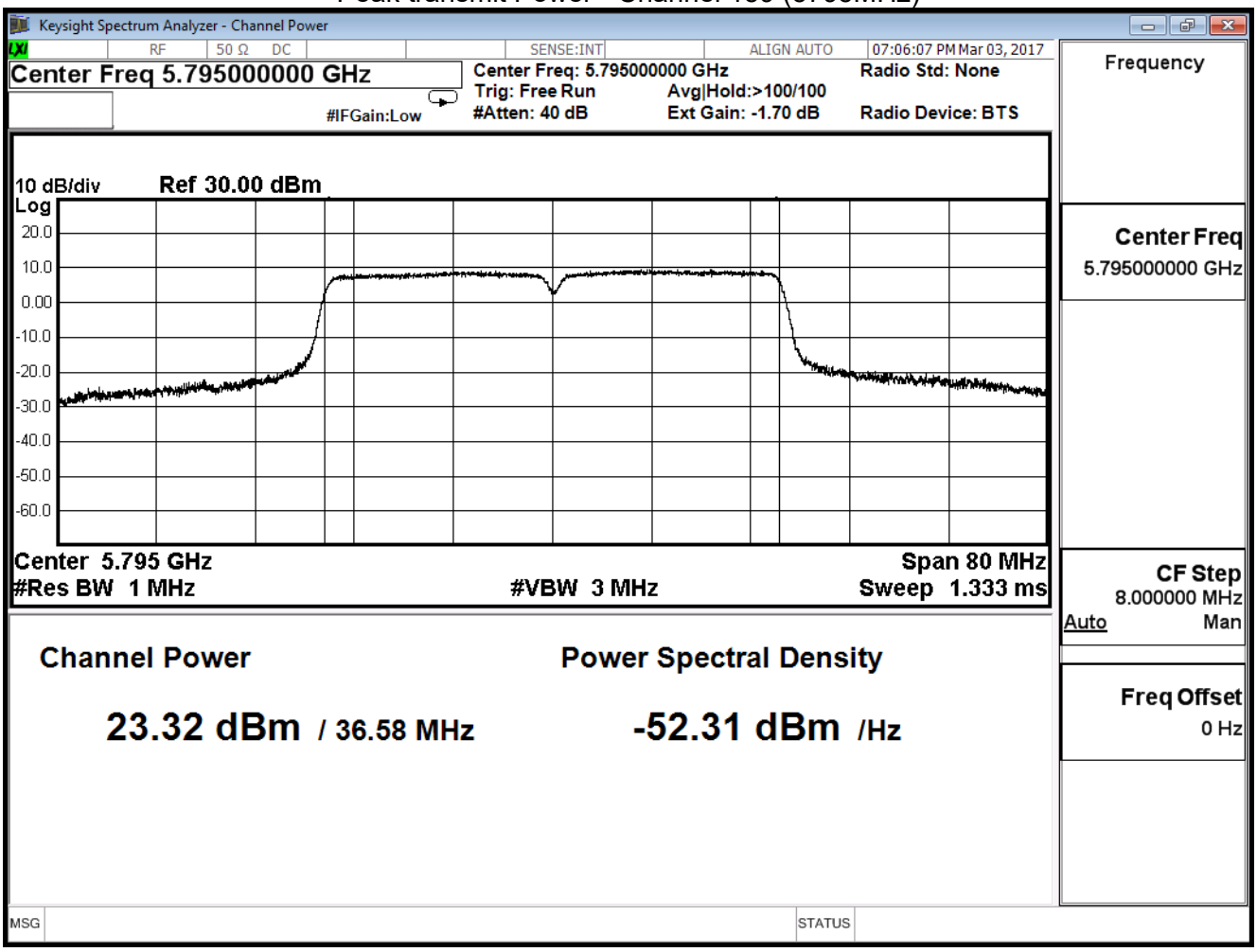
Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62

Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

Peak transmit Power - Channel 151 (5755MHz)



Peak transmit Power - Channel 159 (5795MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE802.11n 40MHz(ANT 0+1+2+3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 151 | 5755 | 29.283 | ≤29.38 |
| 159 | 5795 | 29.356 | ≤29.38 |

Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62

Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE802.11ac 80MHz (ANT 0)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 155 | 5775 | 23.320 | ≤29.38 |

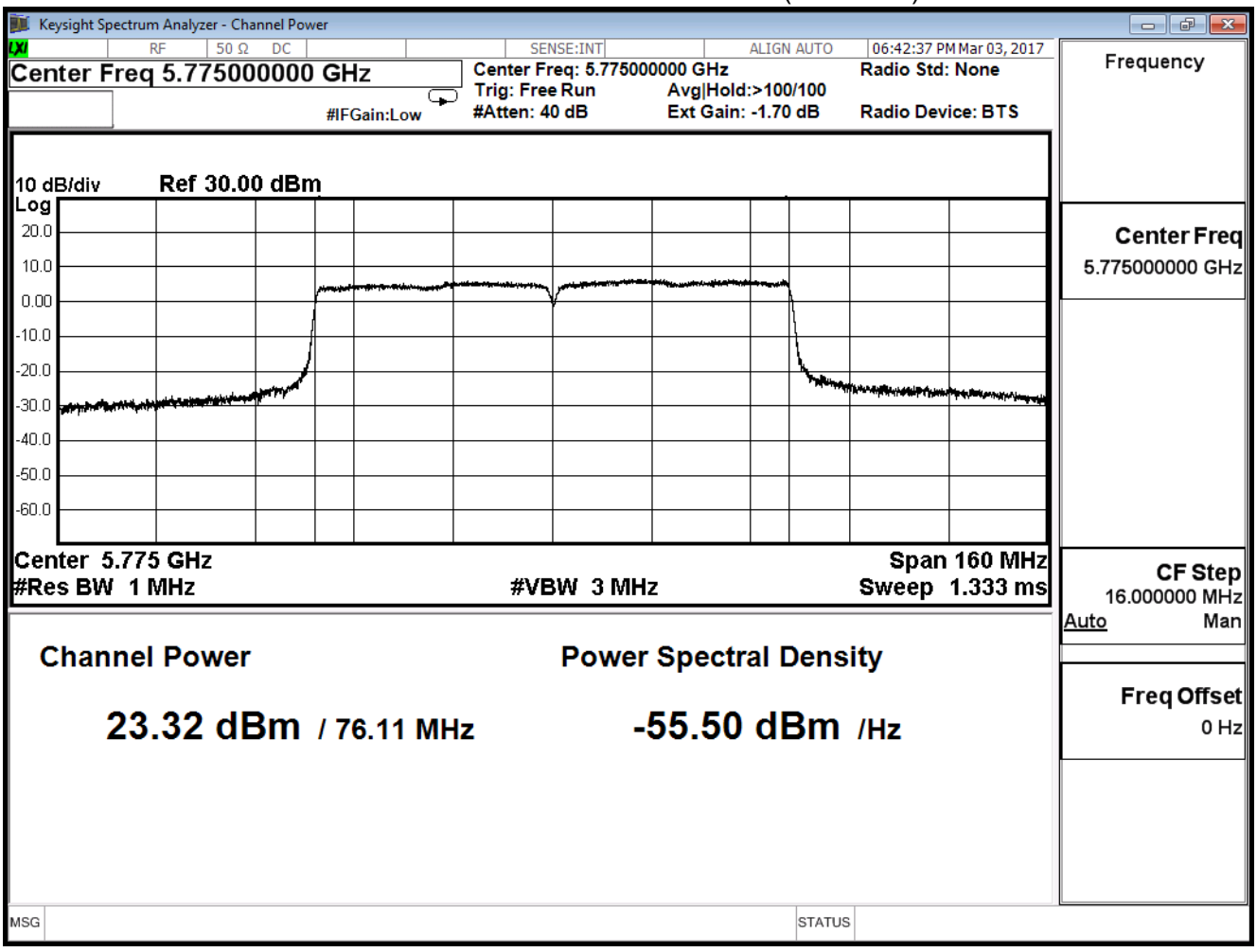
The worst emission of data rate is MCS0

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| 155 | 5775 | 23.320 | 23.110 | 23.010 | 22.870 | 22.660 | 22.510 | 22.380 | 22.210 | 22.010 | 21.920 | ≤29.38dBm |

Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62

Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

Peak transmit Power - Channel 155 (5775MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE802.11ac 80MHz (ANT 1)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 155 | 5775 | 23.280 | ≤29.38 |

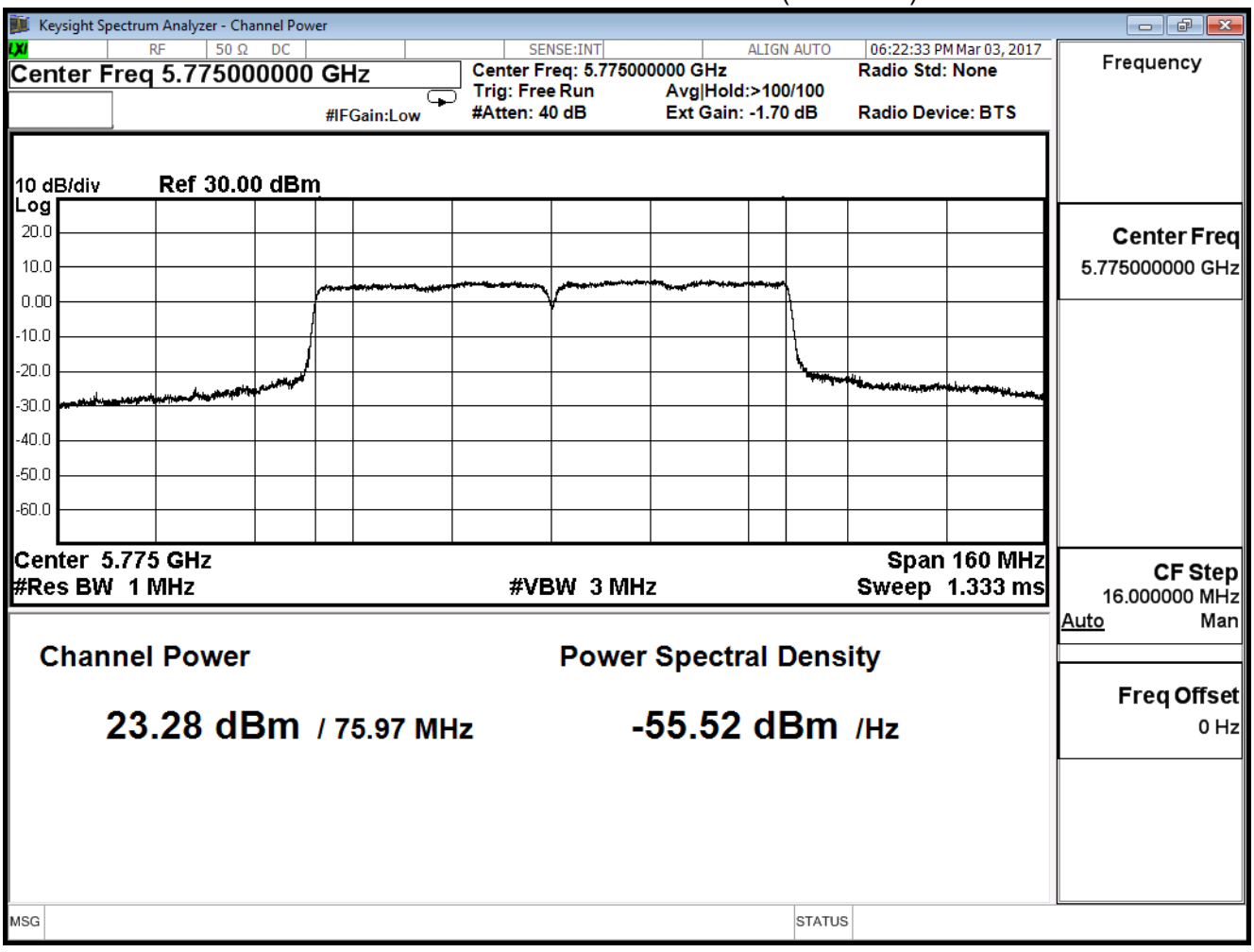
The worst emission of data rate is MCS0

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| 155 | 5775 | 23.280 | 23.110 | 23.000 | 22.880 | 22.550 | 22.310 | 22.110 | 22.000 | 21.860 | 21.700 | ≤29.38dBm |

Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62

Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

Peak transmit Power - Channel 155 (5775MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE802.11ac 80MHz (ANT 2)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 155 | 5775 | 23.310 | ≤29.38 |

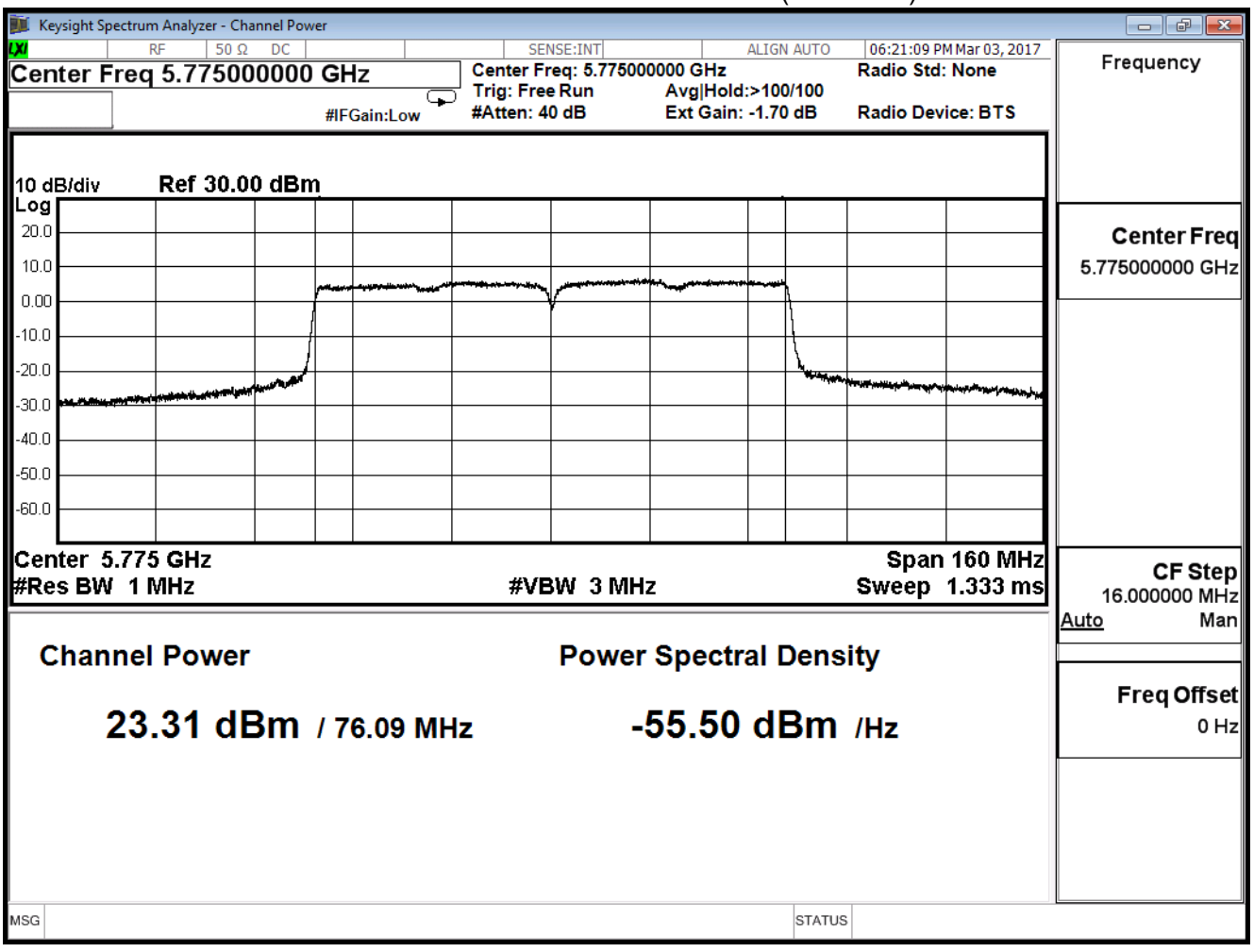
The worst emission of data rate is MCS0

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| 155 | 5775 | 23.310 | 23.080 | 23.000 | 22.880 | 22.710 | 22.580 | 22.430 | 22.180 | 22.010 | 21.850 | ≤29.38dBm |

Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62

Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

Peak transmit Power - Channel 155 (5775MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE802.11ac 80MHz (ANT 3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 155 | 5775 | 23.290 | ≤29.38 |

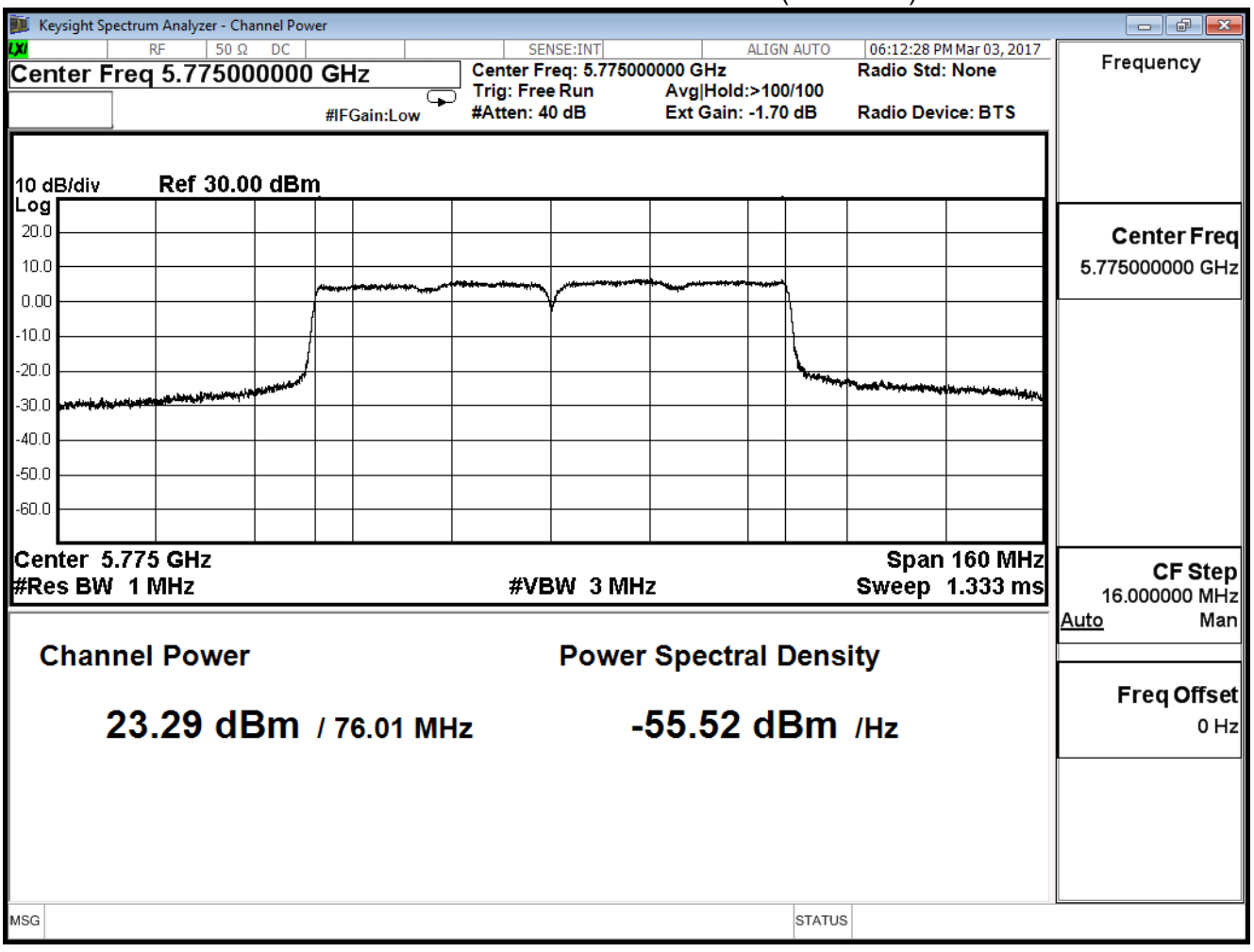
The worst emission of data rate is MCS0

| Channel No | Frequency (MHz) | MCS Index | | | | | | | | | | Required Limit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | |
| 155 | 5775 | 22.290 | 23.110 | 23.010 | 22.880 | 22.710 | 22.580 | 22.110 | 21.870 | 21.660 | 21.210 | ≤29.38dBm |

Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62

Limit =30dBm-(6.62dBi-6dBi)=29.38dBm

Peak transmit Power - Channel 155 (5775MHz)



| | | | |
|---|---|---|---|
| Product | Wireless-AC2900 Dual Band Gigabit Router | | |
| Test Item | Peak Transmit Output | | |
| Test Mode | Mode 3: Tx_ADP: AD890326010-2LF_ Beamforming Mode (802.11 n20/40) | | |
| Date of Test | 2017/03/03 | Test Site | SR10-H |

IEEE802.11ac 80MHz (ANT 0+1+2+3)

| Channel No. | Frequency (MHz) | Output Power (dBm) | Required Limit (dBm) |
|---|---|---|---|
| 155 | 5775 | 29.321 | ≤29.38 |

Directional gain=10log(ANT N)+Gain=4.77+1.85=6.62

Limit =30dBm-(6.62dBi-6dBi)=29.38dBm