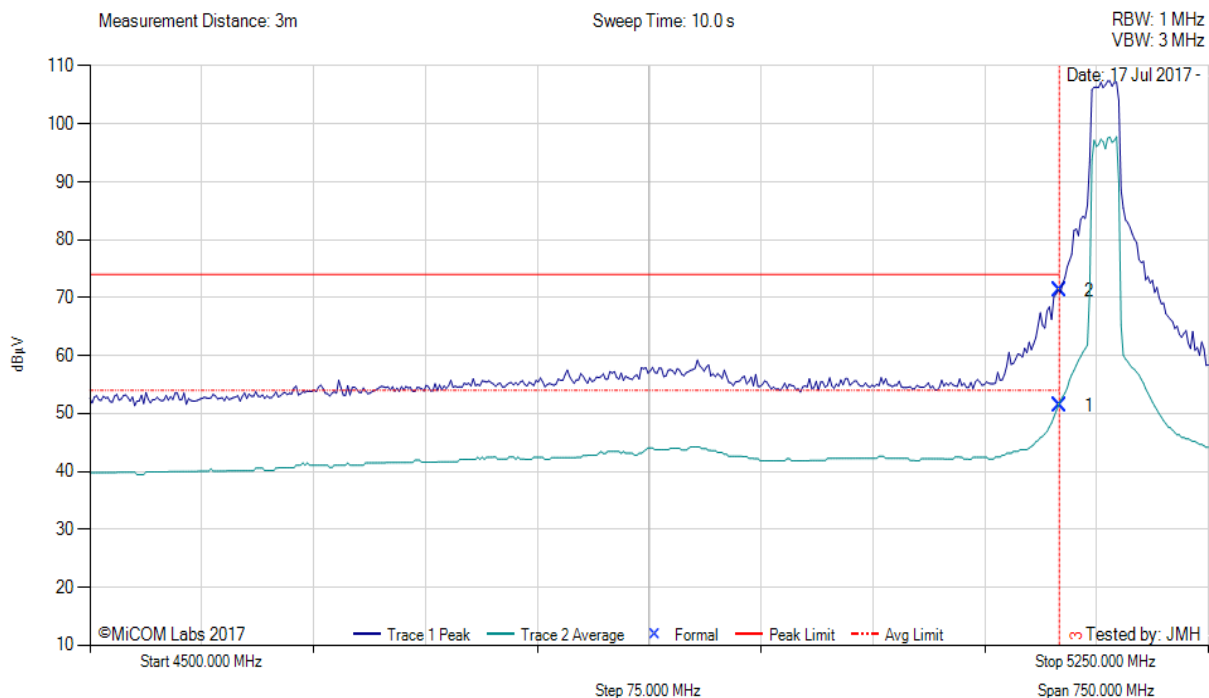


RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: Integral, Power Setting: 16, Duty Cycle (%): 99



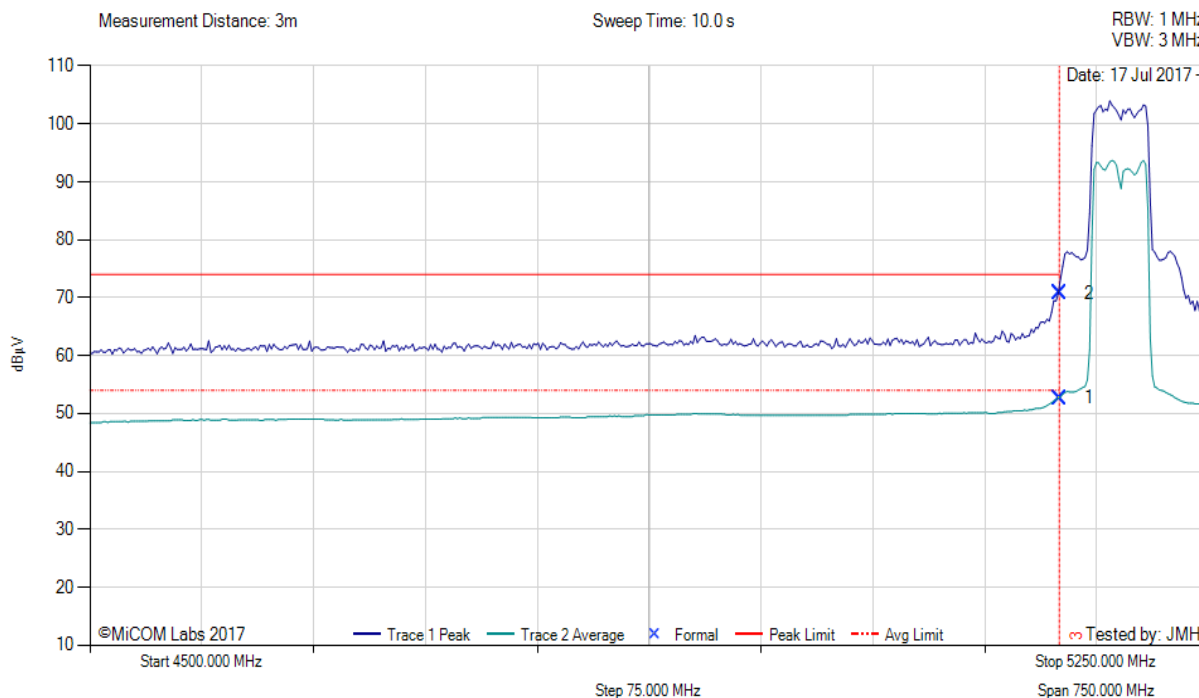
4500.00 - 5250.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5150.00	13.51	3.67	34.11	51.29	Max Avg	Horizontal	102	158	54.0	-2.7	Pass
2	5150.00	33.53	3.67	34.11	71.31	Max Peak	Horizontal	102	158	74.0	-2.7	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Power Reduced to meet Band Edge limits

[back to matrix](#)

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: Integral, Power Setting: 14, Duty Cycle (%): 99



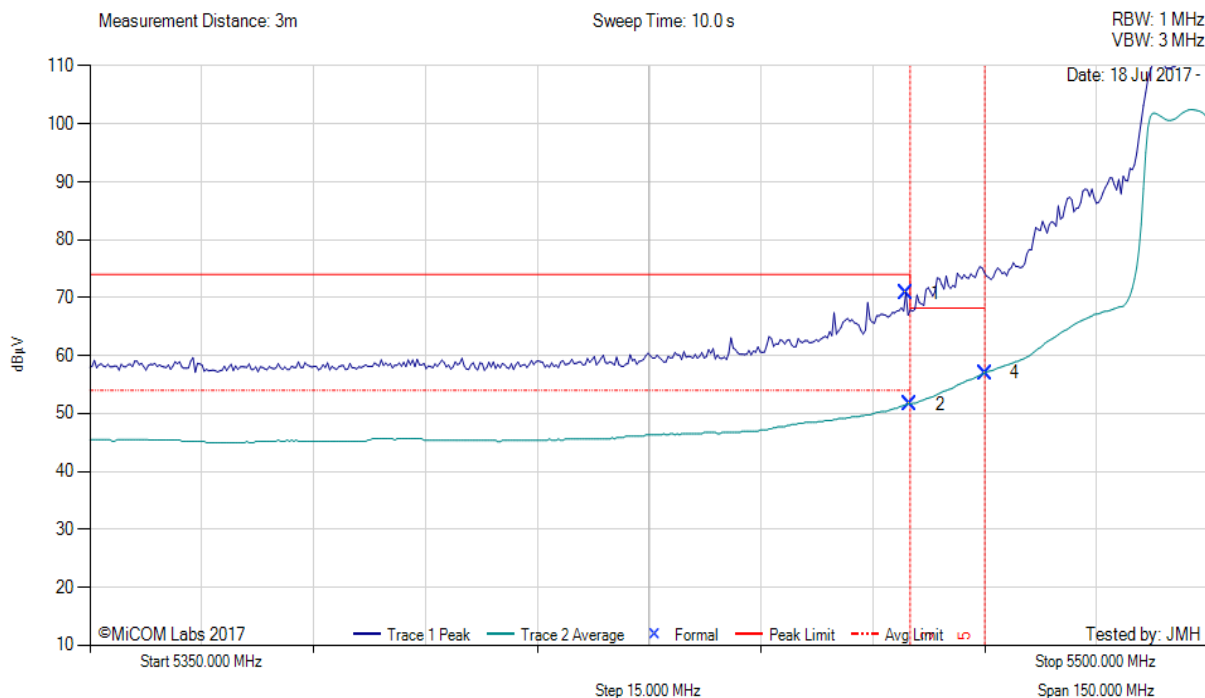
4500.00 - 5250.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5150.00	14.86	3.67	34.11	52.64	Max Avg	Horizontal	102	158	54.0	-1.4	Pass
2	5150.00	32.97	3.67	34.11	70.75	Max Peak	Horizontal	102	158	74.0	-3.3	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Power Reduced to meet Band Edge limits

[back to matrix](#)

RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5500.00 MHz, Antenna: Integral, Power Setting: 17, Duty Cycle (%): 99



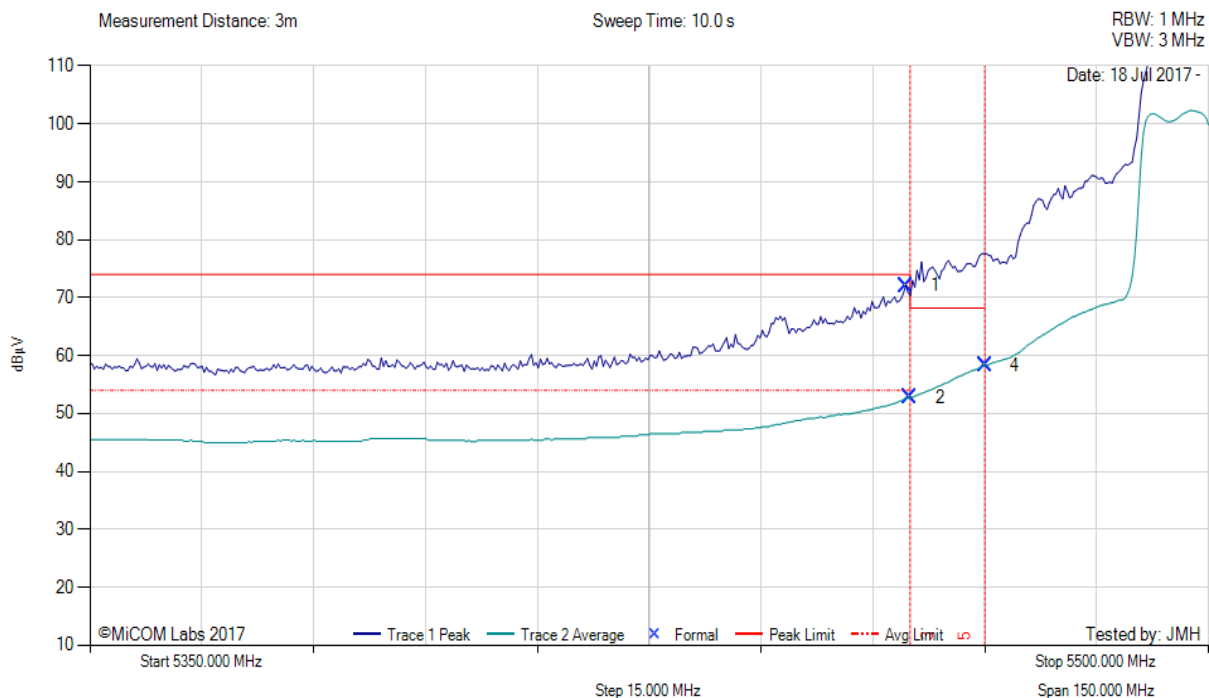
5350.00 - 5500.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5459.40	32.69	3.79	34.31	70.79	Max Peak	Horizontal	111	353	74.0	-3.2	Pass
2	5460.00	13.55	3.79	34.31	51.65	Max Avg	Horizontal	111	353	54.0	-2.4	Pass
4	5470.00	18.91	3.76	34.32	56.99	Max Avg	Horizontal	111	353	68.2	-11.2	Pass
3	5460.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--
5	5470.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Power Reduced to meet Band Edge limits

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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5500.00 MHz, Antenna: Integral, Power Setting: 17, Duty Cycle (%): 99



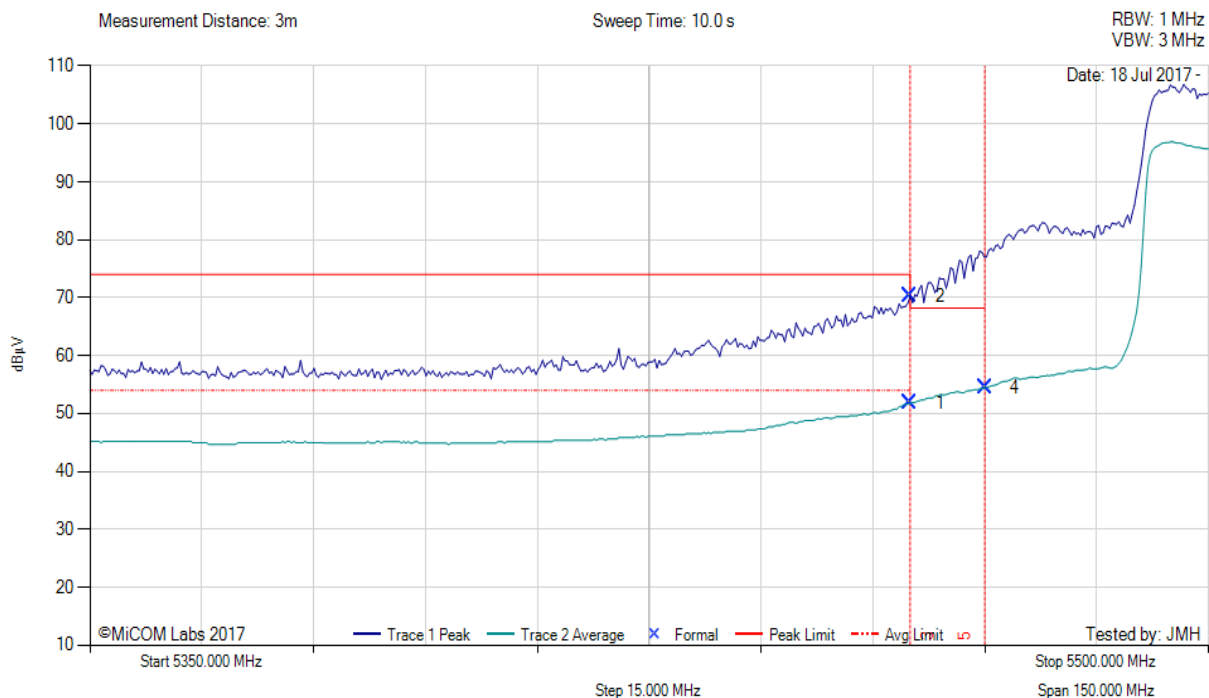
5350.00 - 5500.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5459.40	34.02	3.79	34.31	72.12	Max Peak	Horizontal	111	353	74.0	-1.9	Pass
2	5460.00	14.68	3.79	34.31	52.78	Max Avg	Horizontal	111	353	54.0	-1.2	Pass
4	5470.00	20.18	3.76	34.32	58.26	Max Avg	Horizontal	111	353	68.2	-9.9	Pass
3	5460.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--
5	5470.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Power Reduced to meet Band Edge limits

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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5510.00 MHz, Antenna: Integral, Power Setting: 15, Duty Cycle (%): 99



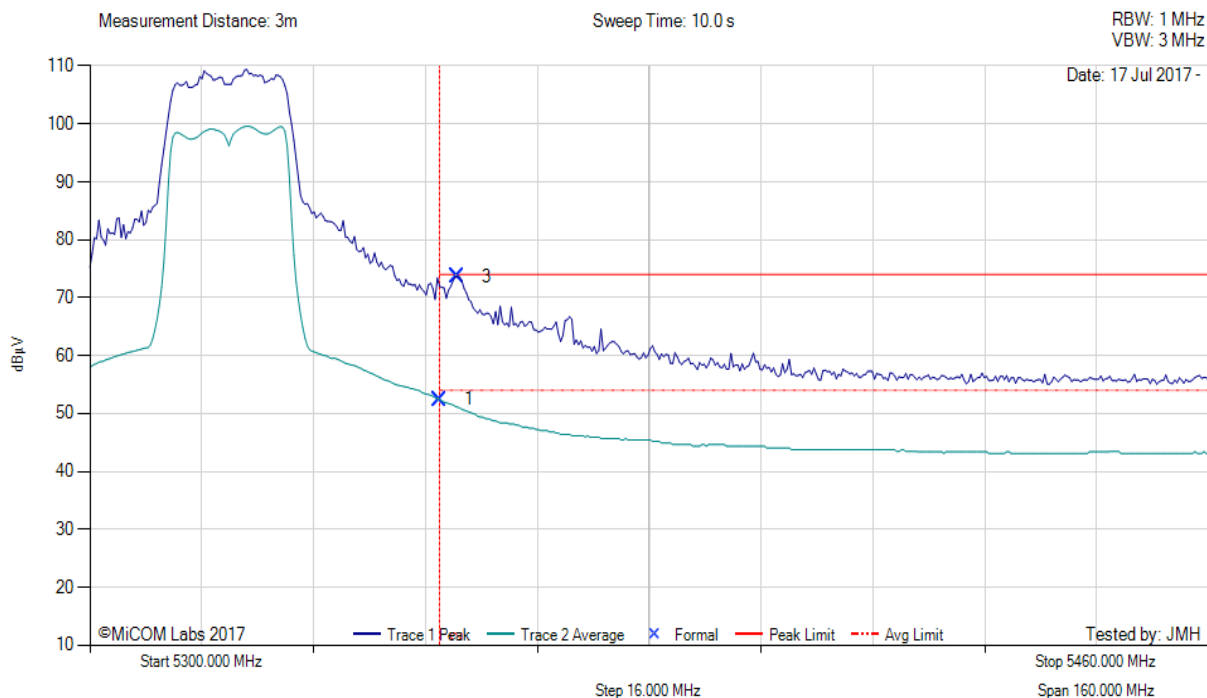
5350.00 - 5500.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5460.00	13.67	3.79	34.31	51.77	Max Avg	Horizontal	111	353	54.0	-2.2	Pass
2	5460.00	32.24	3.79	34.31	70.34	Max Peak	Horizontal	111	353	74.0	-3.7	Pass
4	5470.00	16.35	3.76	34.32	54.43	Max Avg	Horizontal	111	353	68.2	-13.8	Pass
3	5460.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--
5	5470.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Power Reduced to meet Band Edge limits

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RESTRICTED UPPER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5320.00 MHz, Antenna: Integral, Power Setting: 16, Duty Cycle (%): 99



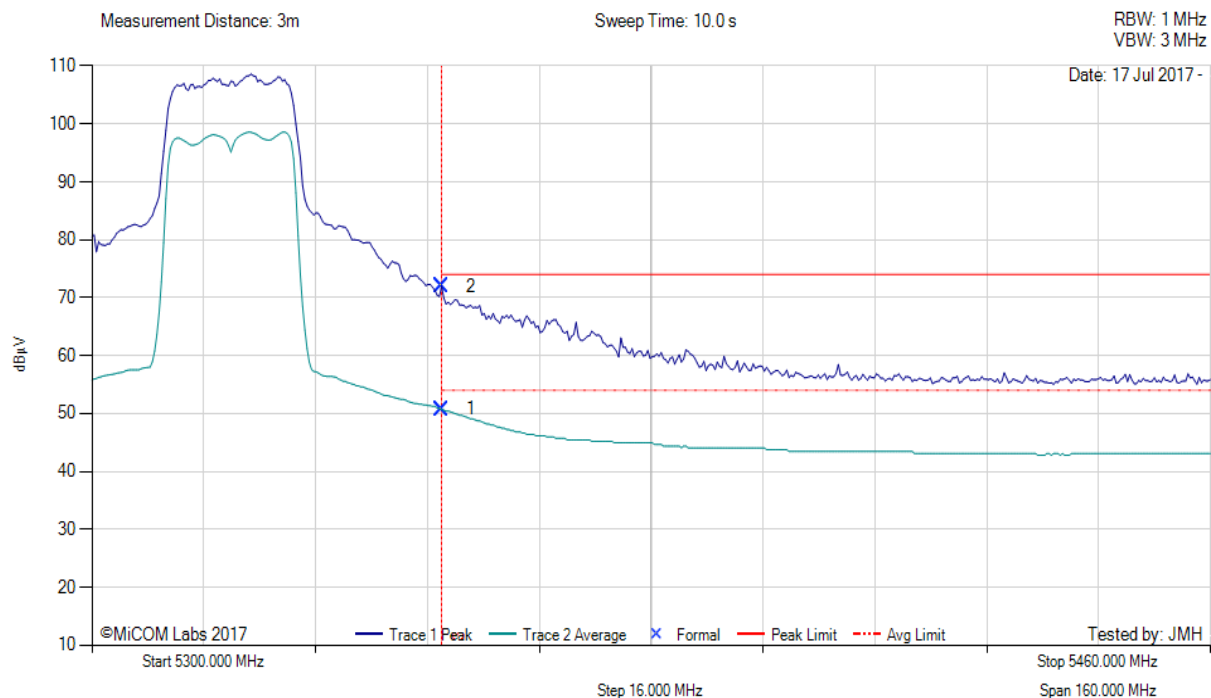
5300.00 - 5460.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5350.00	14.23	3.70	34.51	52.44	Max Avg	Horizontal	140	337	54.0	-1.6	Pass
3	5352.57	35.45	3.71	34.50	73.66	Max Peak	Horizontal	140	337	74.0	-0.3	Pass
2	5350.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Power Reduced to meet Band Edge limits

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RESTRICTED UPPER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5320.00 MHz, Antenna: Integral, Power Setting: 15, Duty Cycle (%): 99



5300.00 - 5460.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5350.00	12.51	3.70	34.51	50.72	Max Avg	Horizontal	140	337	54.0	-3.3	Pass
2	5350.00	33.77	3.70	34.51	71.98	Max Peak	Horizontal	140	337	74.0	-2.0	Pass
3	5350.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Power Reduced to meet Band Edge limits

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RESTRICTED UPPER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5310.00 MHz, Antenna: Integral, Power Setting: 14, Duty Cycle (%): 99

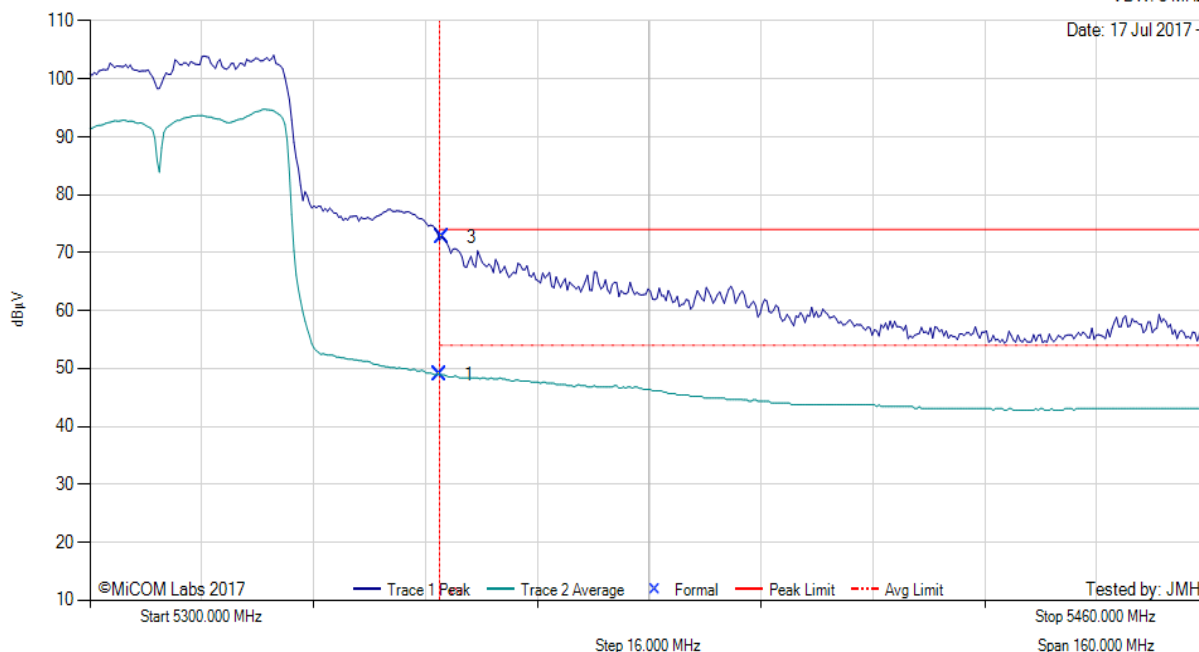
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

Date: 17 Jul 2017 -



5300.00 - 5460.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5350.00	10.71	3.70	34.51	48.92	Max Avg	Horizontal	140	337	54.0	-5.1	Pass
3	5350.32	34.45	3.70	34.51	72.66	Max Peak	Horizontal	140	337	74.0	-1.3	Pass
2	5350.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Power Reduced to meet Band Edge limits

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5725 MHz RADIATED BAND-EDGE EMISSIONS

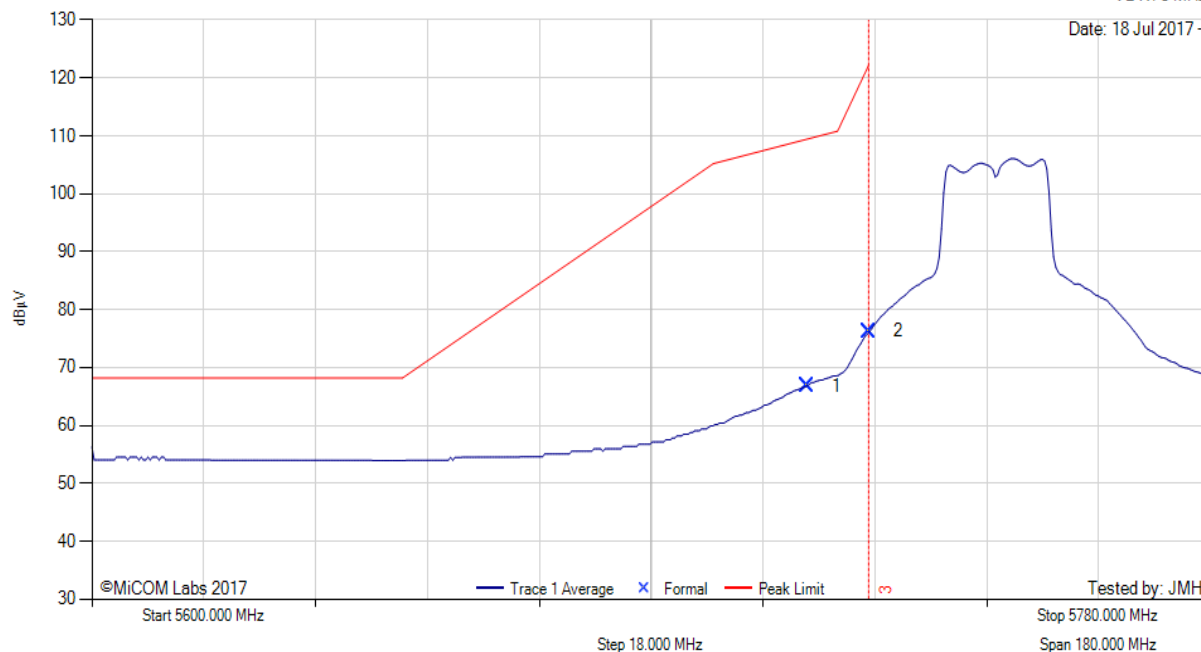
Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Integral, Power Setting: 22, Duty Cycle (%): 99

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
VBW: 3 MHz

Date: 18 Jul 2017 -



5600.00 - 5780.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5715.00	28.69	3.81	34.34	66.84	Max Avg	Horizontal	119	6	109.4	-42.6	Pass
2	5725.00	38.10	3.79	34.35	76.24	Max Avg	Horizontal	119	6	122.2	-46.0	Pass
3	5725.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot.

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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: Integral, Power Setting: 22, Duty Cycle (%): 99

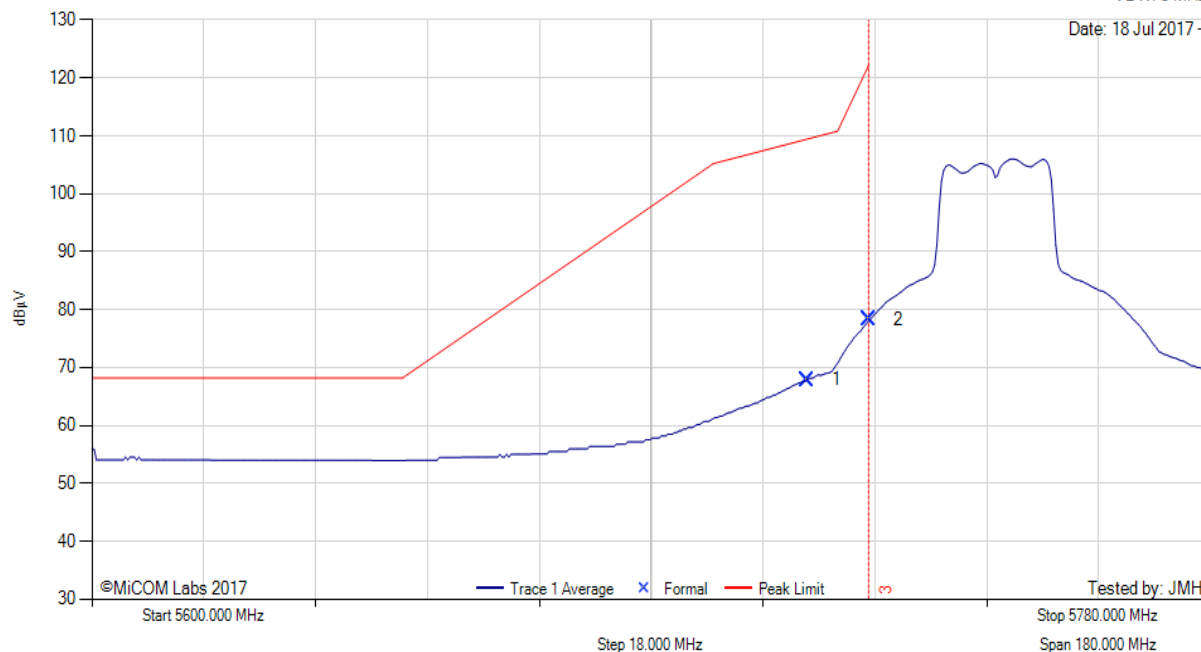
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

Date: 18 Jul 2017 -



5600.00 - 5780.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5715.00	29.70	3.81	34.34	67.85	Max Avg	Horizontal	119	6	109.4	-41.6	Pass
2	5725.00	40.14	3.79	34.35	78.28	Max Avg	Horizontal	119	6	122.2	-43.9	Pass
3	5725.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot.

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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: Integral, Power Setting: 22, Duty Cycle (%): 99

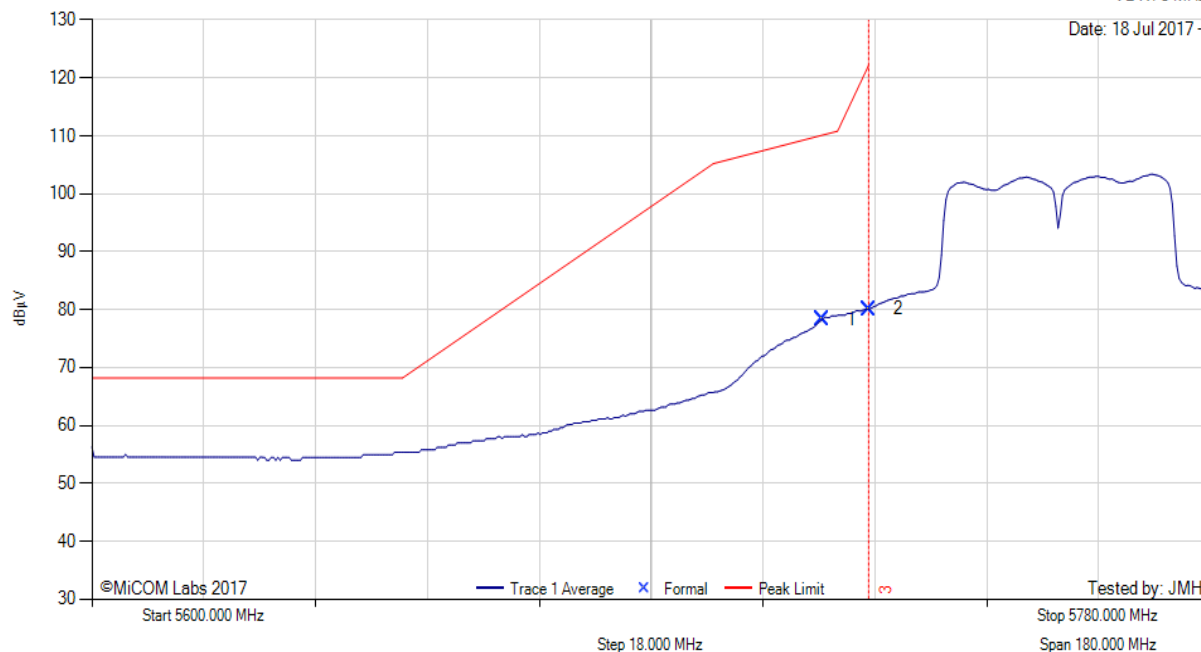
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

Date: 18 Jul 2017 -



5600.00 - 5780.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5717.53	40.21	3.81	34.34	78.36	Max Avg	Horizontal	119	6	110.2	-31.9	Pass
2	5725.00	42.00	3.79	34.35	80.14	Max Avg	Horizontal	119	6	122.2	-42.1	Pass
3	5725.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: Integral, Power Setting: 22, Duty Cycle (%): 99

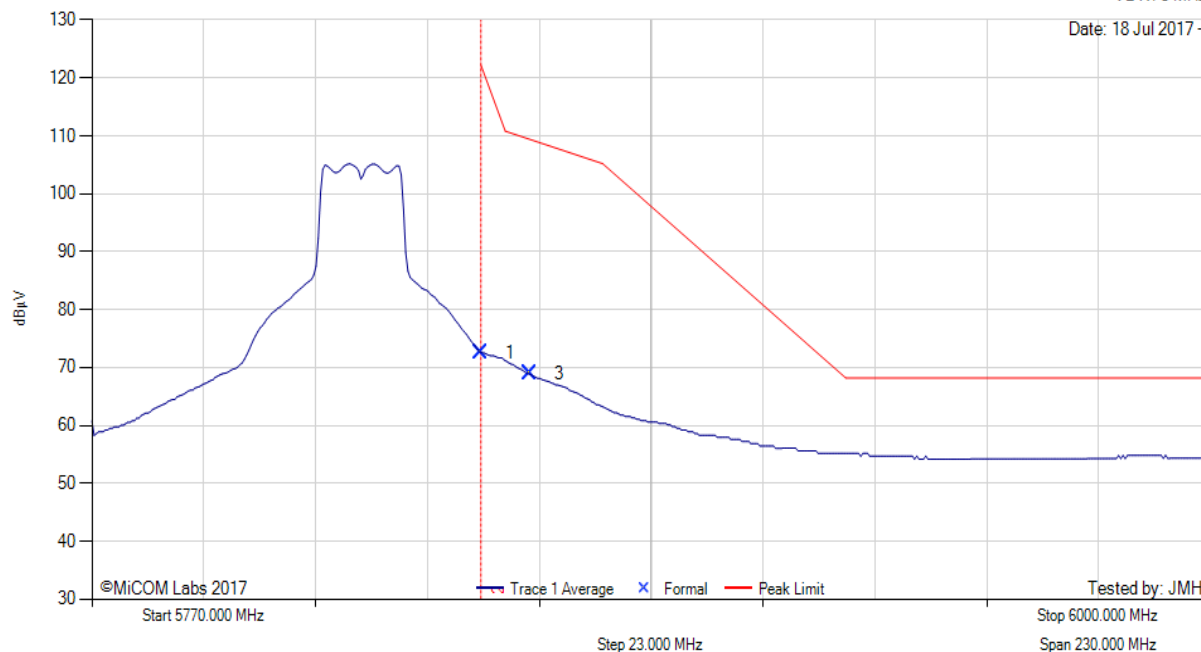
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

Date: 18 Jul 2017 -



5770.00 - 6000.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	34.14	3.81	34.63	72.58	Max Avg	Horizontal	119	6	122.2	-49.6	Pass
3	5860.00	30.42	3.86	34.65	68.93	Max Avg	Horizontal	119	6	109.4	-40.5	Pass
2	5850.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: Integral, Power Setting: 22, Duty Cycle (%): 99

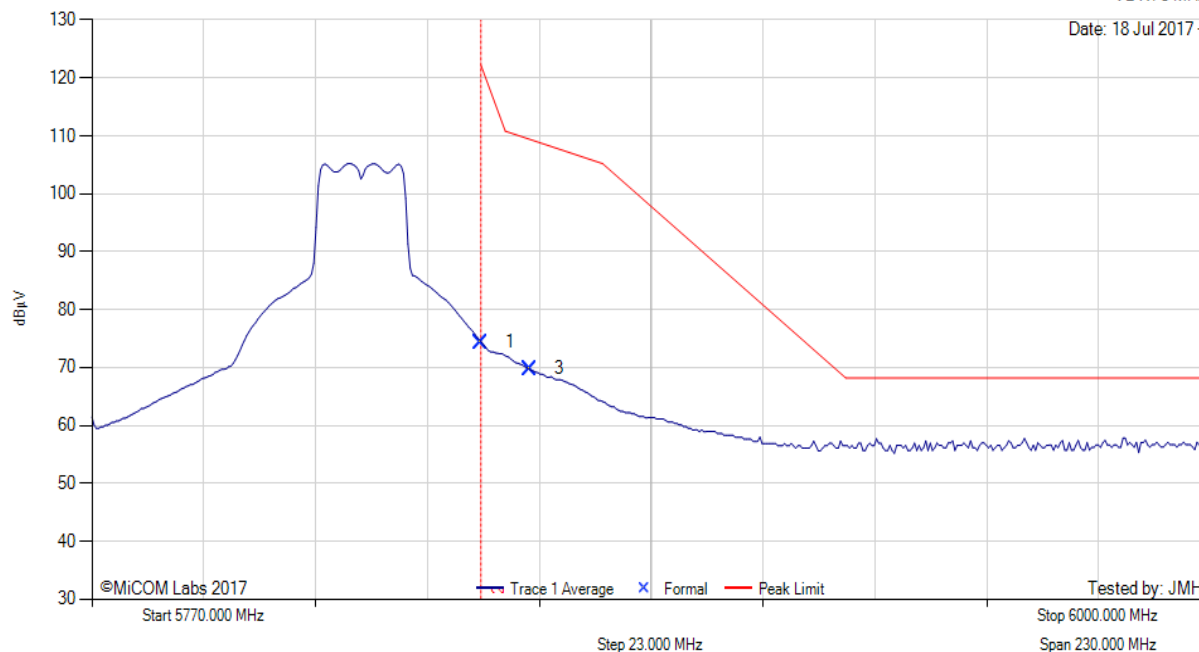
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

Date: 18 Jul 2017 -



5770.00 - 6000.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	35.88	3.81	34.63	74.32	Max Avg	Horizontal	119	6	122.2	-47.9	Pass
3	5860.00	31.25	3.86	34.65	69.76	Max Avg	Horizontal	119	6	109.4	-39.6	Pass
2	5850.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: Integral, Power Setting: 22, Duty Cycle (%): 99

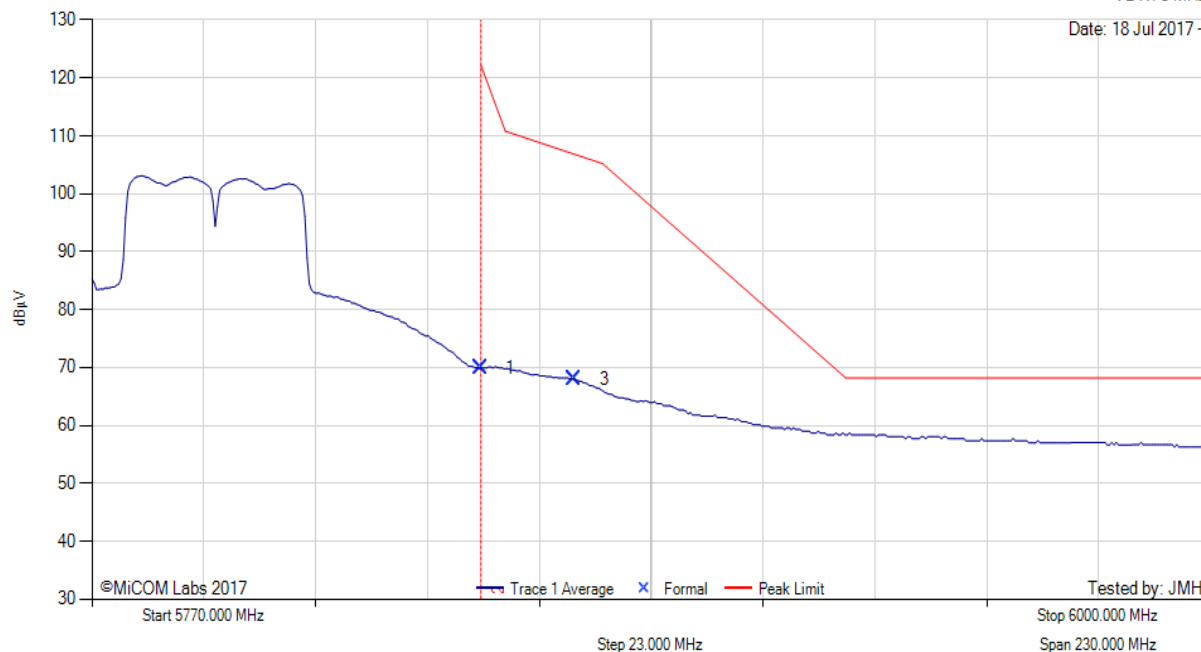
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

Date: 18 Jul 2017 -



5770.00 - 6000.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	31.47	3.81	34.63	69.91	Max Avg	Horizontal	119	6	122.2	-52.3	Pass
3	5869.22	29.52	3.82	34.68	68.02	Max Avg	Horizontal	119	6	106.9	-38.9	Pass
2	5850.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot.

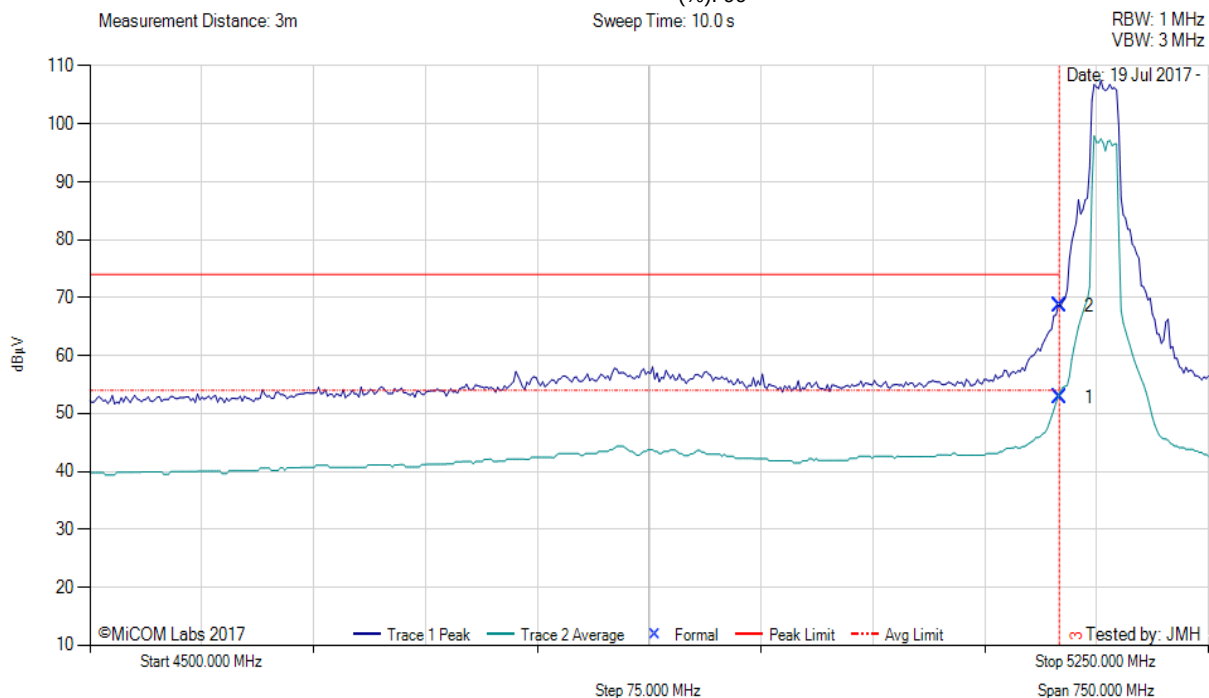
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A.4.2.4. YAGEO ANT300P002B24553



RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5180.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 17, Duty Cycle (%): 99



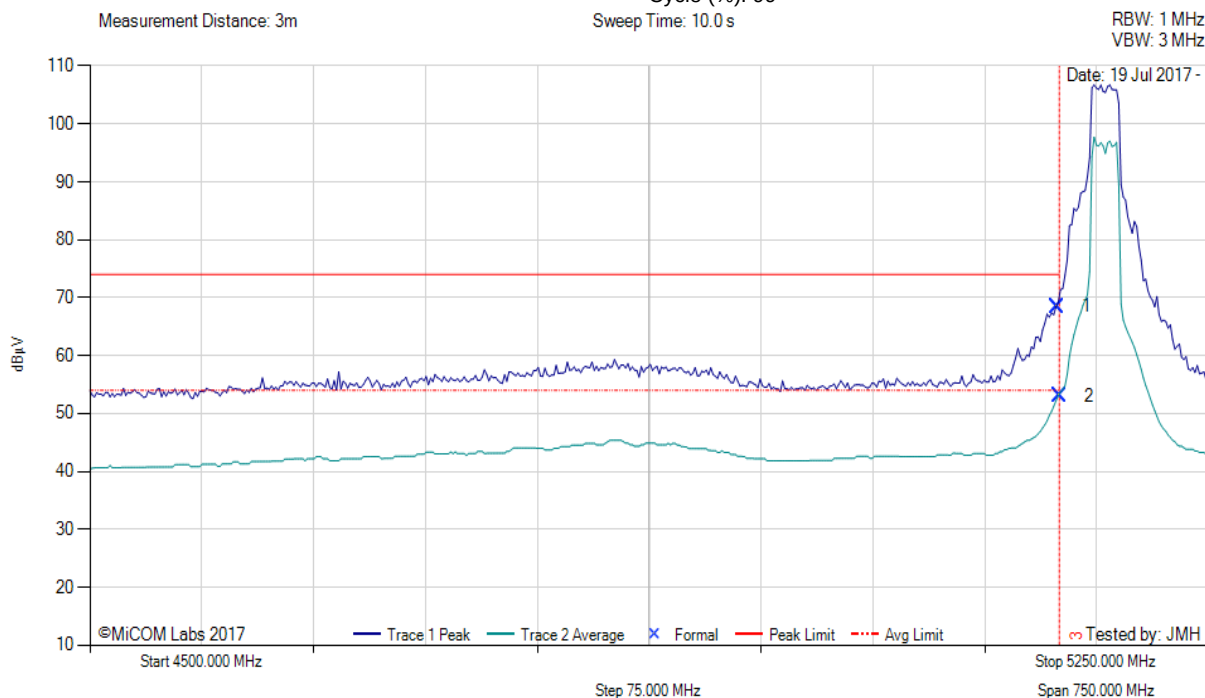
4500.00 - 5250.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5150.00	15.07	3.67	34.11	52.85	Max Avg	Vertical	179	178	54.0	-1.2	Pass
2	5150.00	30.89	3.67	34.11	68.67	Max Peak	Vertical	179	178	74.0	-5.3	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B. Power reduced to meet Band Edge Limit.

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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5180.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 17, Duty Cycle (%): 99



4500.00 - 5250.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5148.50	30.71	3.68	34.11	68.50	Max Peak	Horizontal	179	178	74.0	-5.5	Pass
2	5150.00	15.27	3.67	34.11	53.05	Max Avg	Horizontal	179	178	54.0	-1.0	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B. Power reduced to meet Band Edge Limit.

[back to matrix](#)

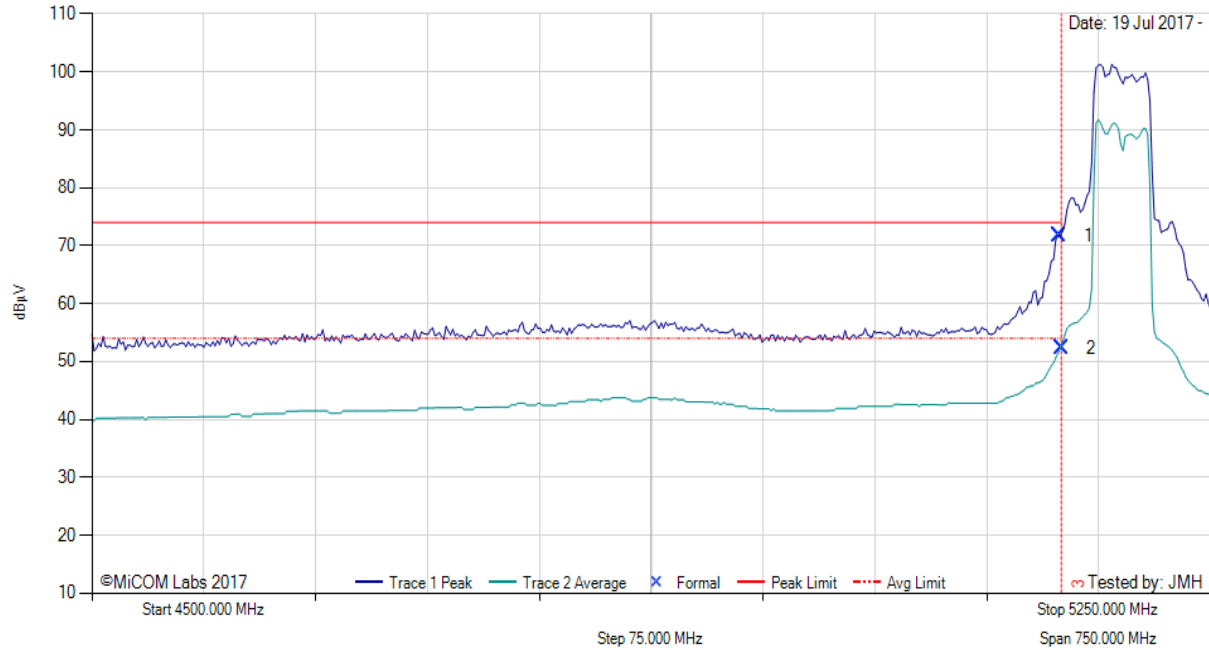
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5190.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 14, Duty Cycle (%): 99

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
 VBW: 3 MHz



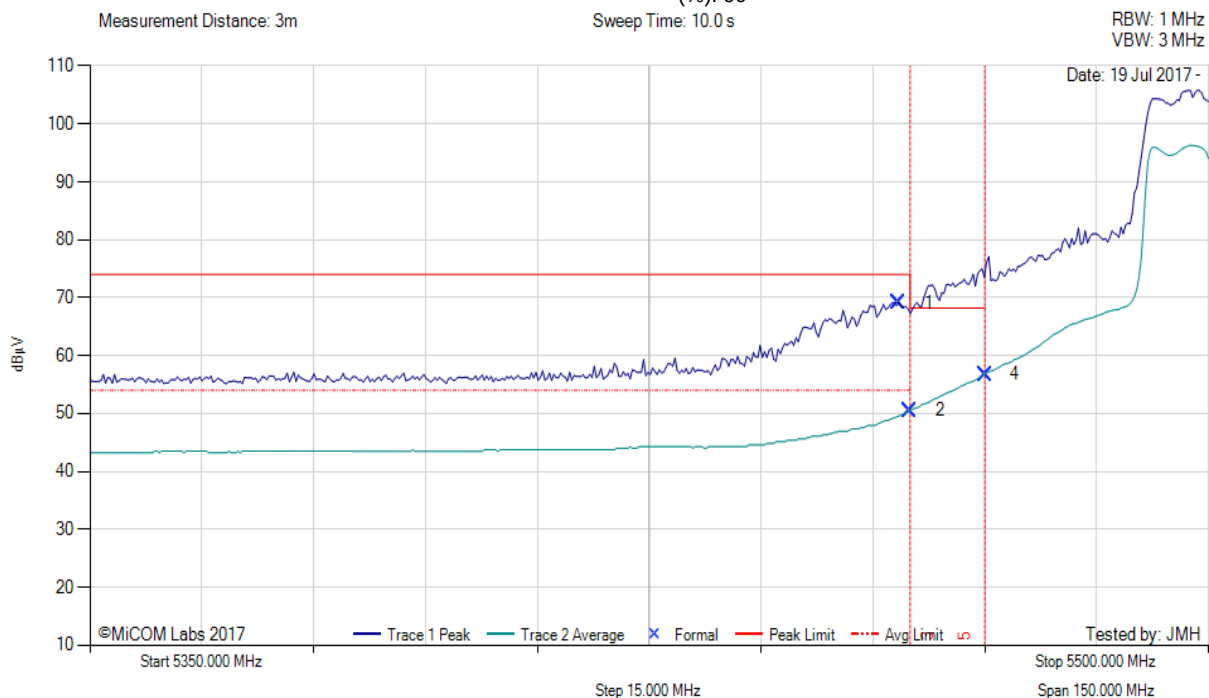
4500.00 - 5250.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5148.50	33.95	3.68	34.11	71.74	Max Peak	Horizontal	179	178	74.0	-2.3	Pass
2	5150.00	14.55	3.67	34.11	52.33	Max Avg	Horizontal	179	178	54.0	-1.7	Pass
3	5150.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B. Power reduced to meet Band Edge Limit.

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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5500.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 16, Duty Cycle (%): 99



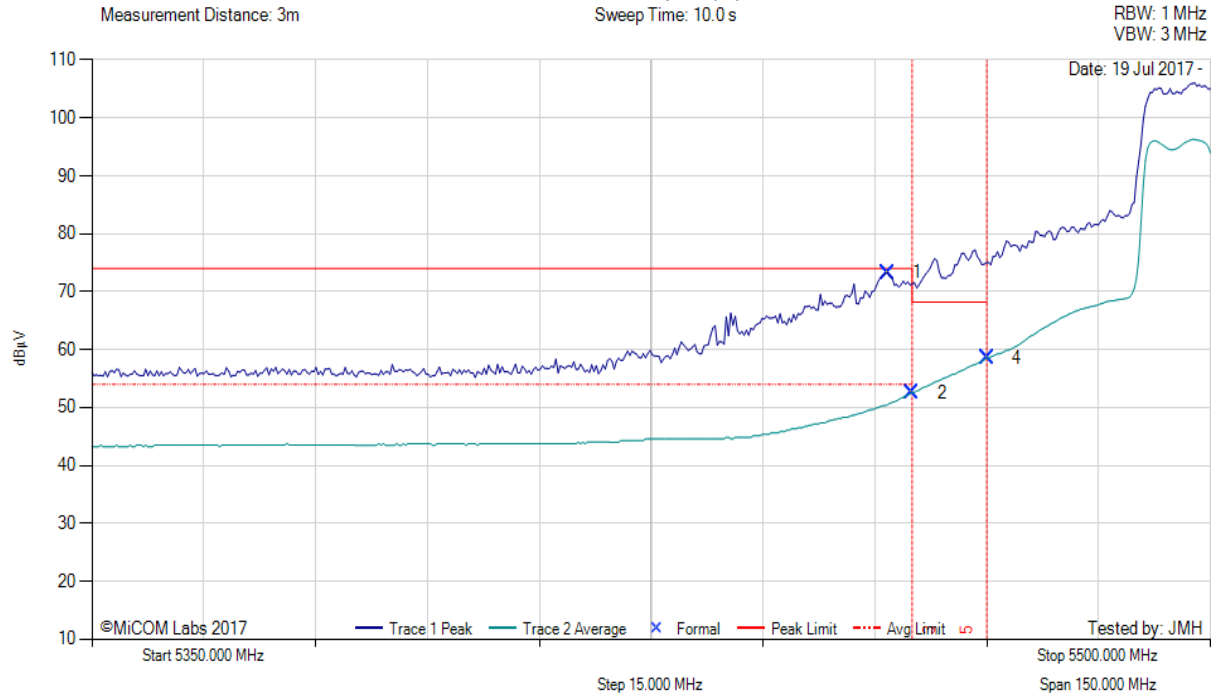
5350.00 - 5500.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5458.50	31.05	3.80	34.30	69.15	Max Peak	Vertical	191	180	74.0	-4.9	Pass
2	5460.00	12.39	3.79	34.31	50.49	Max Avg	Vertical	191	180	54.0	-3.5	Pass
4	5470.00	18.71	3.76	34.32	56.79	Max Avg	Vertical	191	180	68.2	-11.4	Pass
3	5460.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--
5	5470.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B. Power reduced to meet Band Edge Limit.

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RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5500.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 16, Duty Cycle (%): 99



5350.00 - 5500.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5456.69	35.18	3.80	34.30	73.28	Max Peak	Vertical	191	180	74.0	-0.7	Pass
2	5460.00	14.47	3.79	34.31	52.57	Max Avg	Vertical	191	180	54.0	-1.4	Pass
4	5470.00	20.41	3.76	34.32	58.49	Max Avg	Vertical	191	180	68.2	-9.7	Pass
3	5460.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--
5	5470.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B. Power reduced to meet Band Edge Limit.

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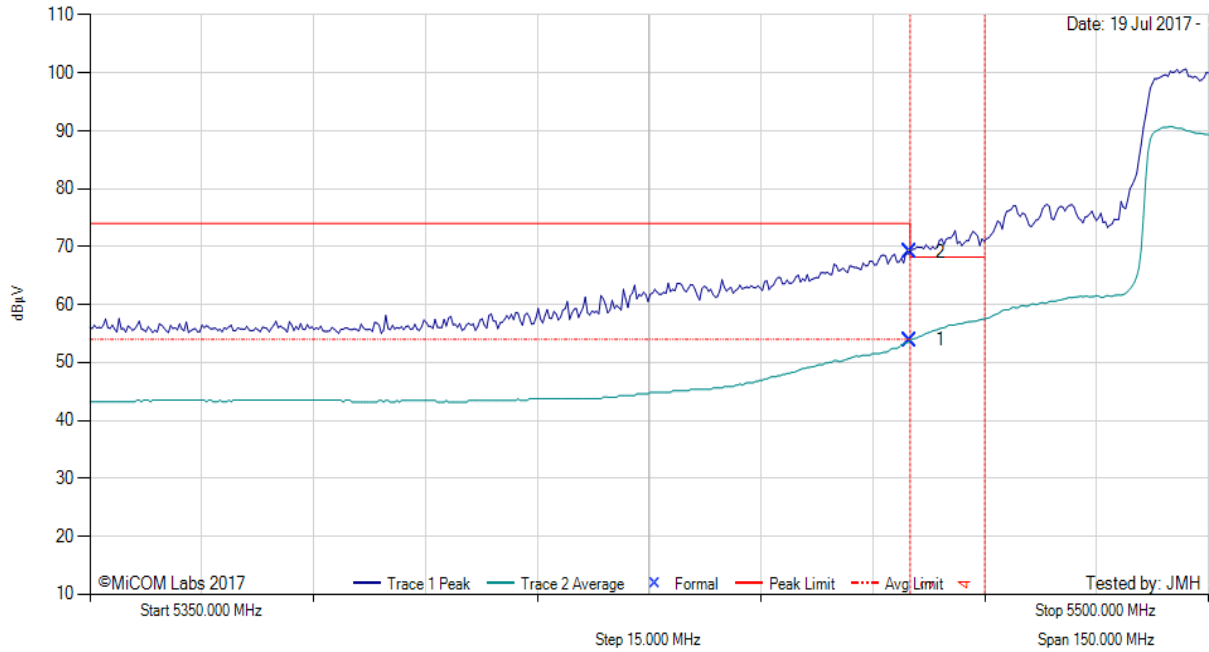
RESTRICTED LOWER BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5510.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 14, Duty Cycle (%): 99

Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz
 VBW: 3 MHz



5350.00 - 5500.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5460.00	15.78	3.79	34.31	53.88	Max Avg	Vertical	191	180	54.0	-0.1	Pass
2	5460.00	31.05	3.79	34.31	69.15	Max Peak	Vertical	191	180	74.0	-4.9	Pass
3	5460.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--
4	5470.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B. Power reduced to meet Band Edge Limit.

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RESTRICTED UPPER BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5320.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 16, Duty Cycle (%): 99

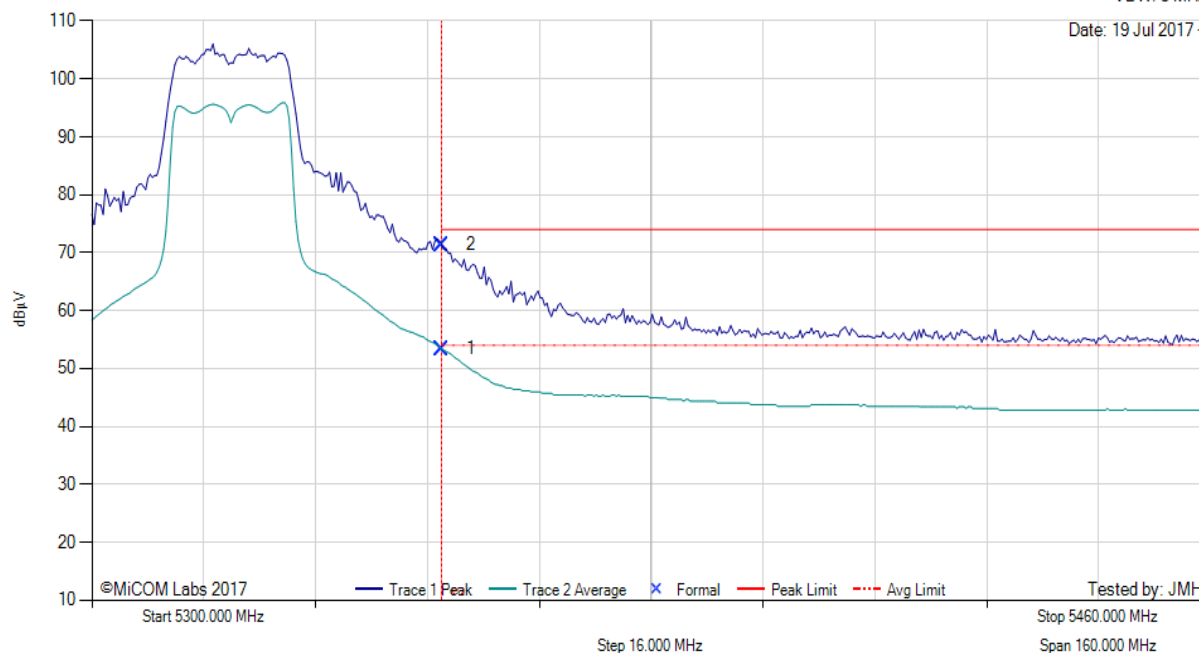
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

Date: 19 Jul 2017 -



5300.00 - 5460.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5350.00	15.18	3.70	34.51	53.39	Max Avg	Horizontal	199	181	54.0	-0.6	Pass
2	5350.00	33.17	3.70	34.51	71.38	Max Peak	Horizontal	199	181	74.0	-2.6	Pass
3	5350.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B. Power reduced to meet Band Edge Limit.

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RESTRICTED UPPER BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5320.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 15, Duty Cycle (%): 99

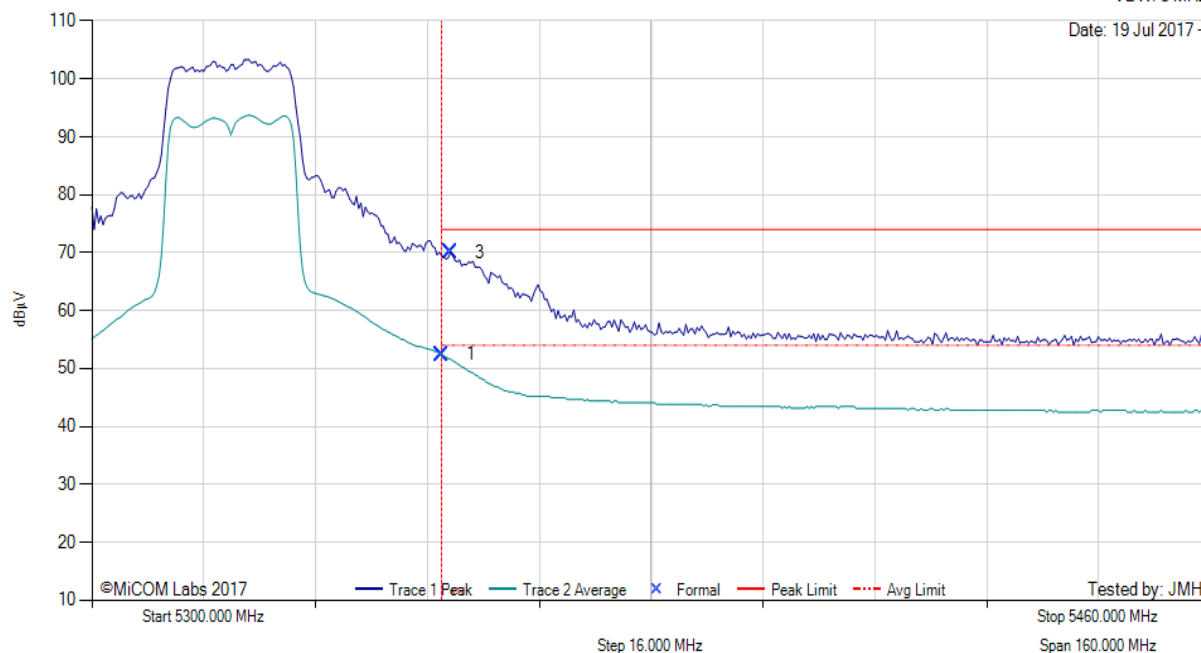
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

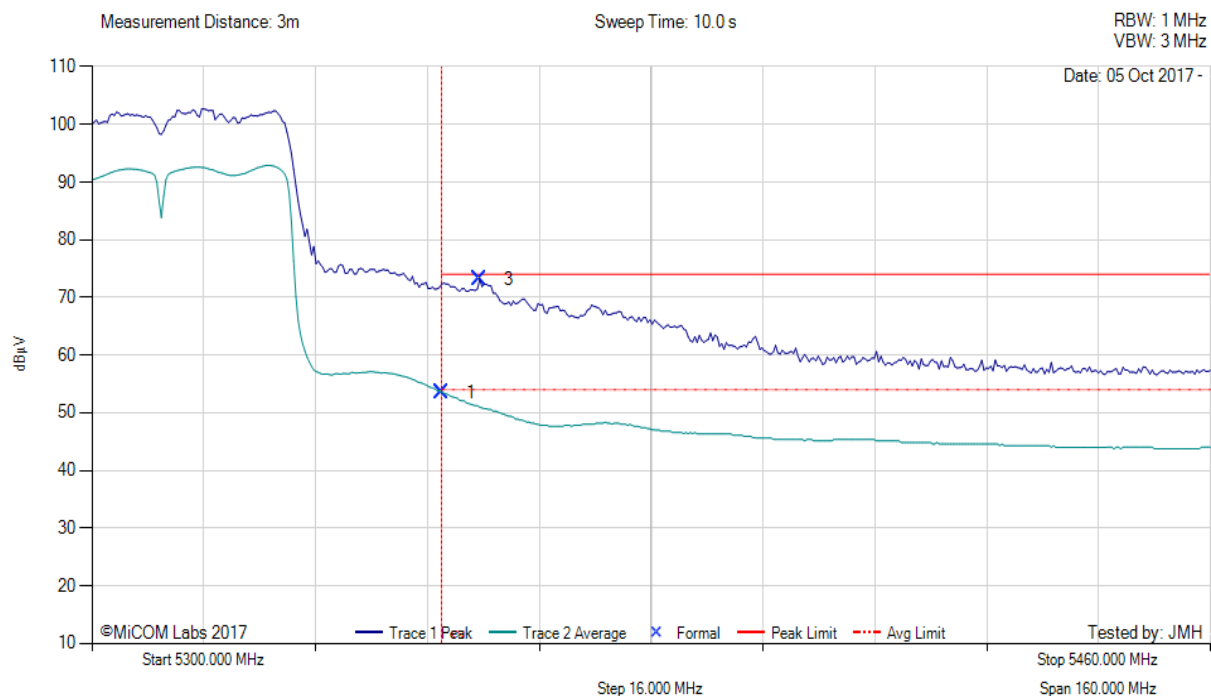
Date: 19 Jul 2017 -



5300.00 - 5460.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5350.00	14.23	3.70	34.51	52.44	Max Avg	Horizontal	199	181	54.0	-1.6	Pass
3	5351.28	31.87	3.71	34.51	70.09	Max Peak	Horizontal	199	181	74.0	-3.9	Pass
2	5350.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B. Power reduced to meet Band Edge Limit.

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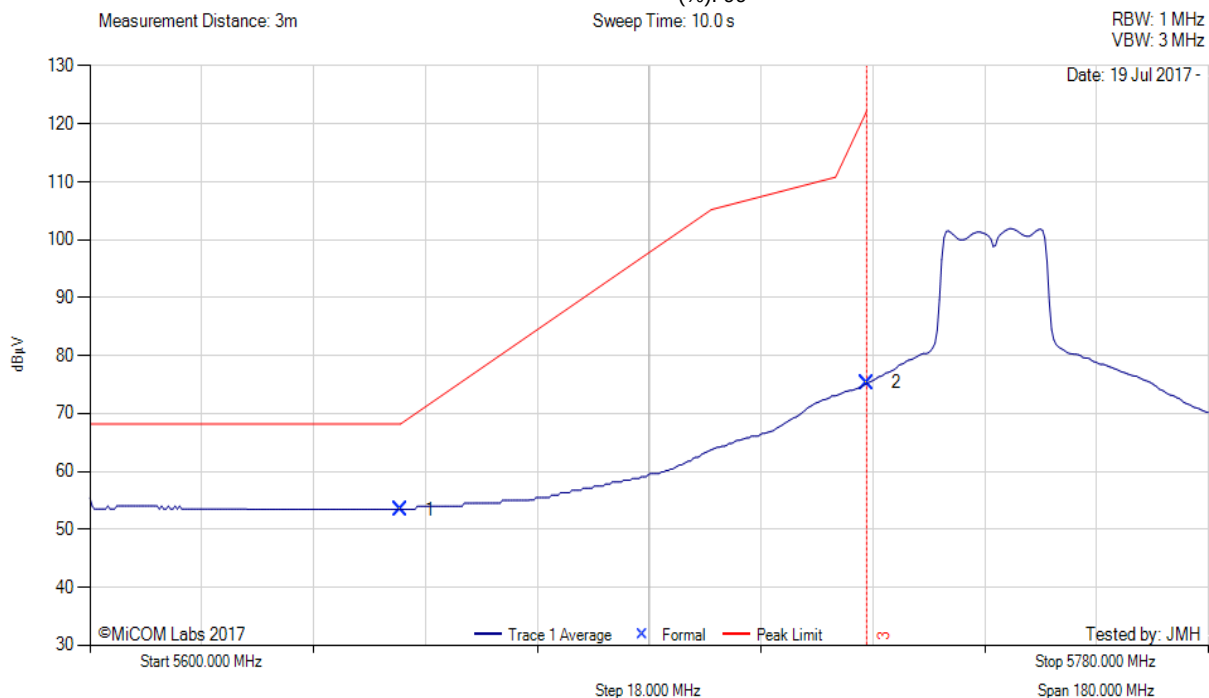
5300.00 - 5460.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5350.00	14.08	3.70	35.80	53.58	Max Avg	Vertical	158	291	54.0	-0.4	Pass
3	5355.45	33.65	3.71	35.80	73.16	Max Peak	Vertical	158	291	74.0	-0.8	Pass
2	5350.00	--	--	--	--	Restricted-Band	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot.

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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 20, Duty Cycle (%): 99



5600.00 - 5780.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5650.00	15.52	3.75	34.18	53.45	Max Avg	Horizontal	122	179	68.2	-14.8	Pass
2	5725.00	37.16	3.79	34.35	75.30	Max Avg	Horizontal	122	179	122.2	-46.9	Pass
3	5725.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B.

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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5745.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 20, Duty Cycle (%): 99

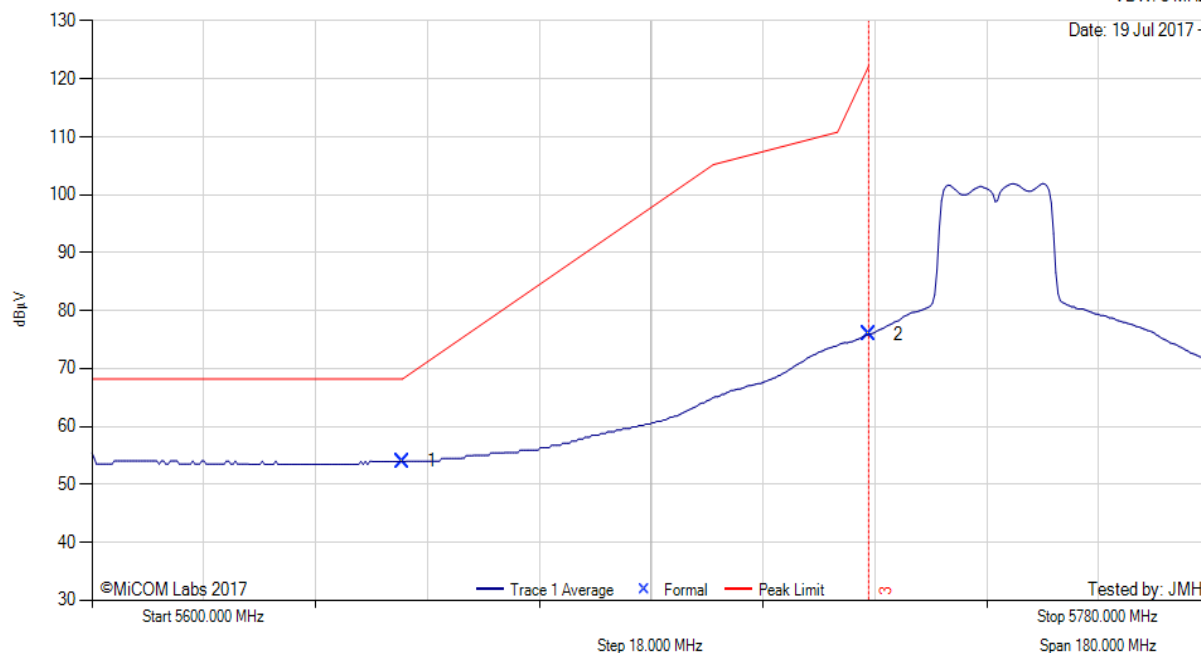
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

Date: 19 Jul 2017 -



5600.00 - 5780.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5650.00	16.05	3.75	34.18	53.98	Max Avg	Horizontal	122	179	68.2	-14.3	Pass
2	5725.00	37.81	3.79	34.35	75.95	Max Avg	Horizontal	122	179	122.2	-46.3	Pass
3	5725.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B.

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5725 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5755.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 20, Duty Cycle (%): 99

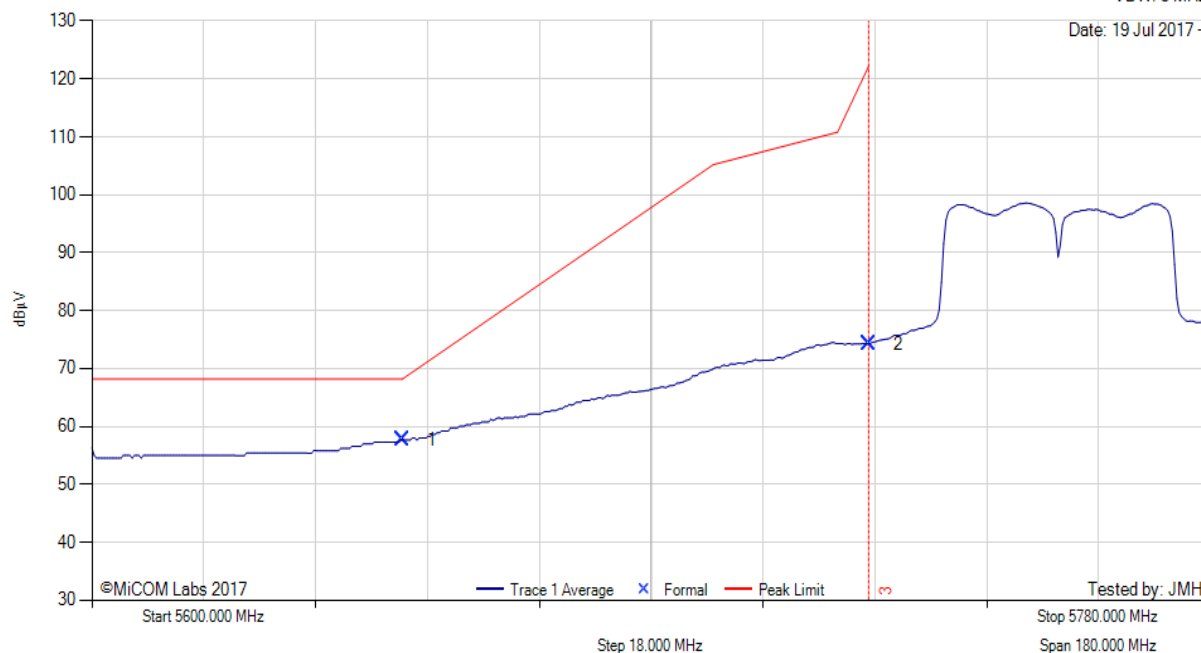
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

Date: 19 Jul 2017 -



5600.00 - 5780.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5650.00	19.74	3.75	34.18	57.67	Max Avg	Horizontal	122	179	68.2	-10.6	Pass
2	5725.00	36.16	3.79	34.35	74.30	Max Avg	Horizontal	122	179	122.2	-47.9	Pass
3	5725.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11a, Test Freq: 5825.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 22, Duty Cycle (%): 99

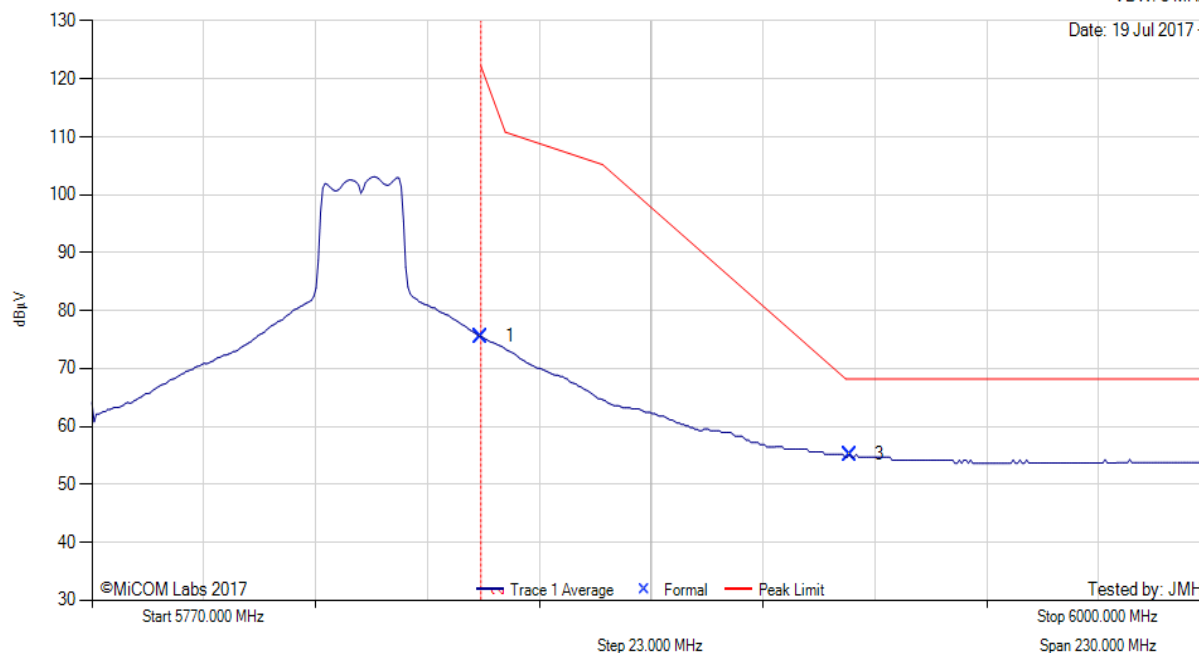
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

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5770.00 - 6000.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	37.09	3.81	34.63	75.53	Max Avg	Horizontal	122	179	122.2	-46.7	Pass
3	5925.92	16.54	3.84	34.82	55.20	Max Avg	Horizontal	122	179	68.2	-13.0	Pass
2	5850.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-20, Test Freq: 5825.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 22, Duty Cycle (%): 99

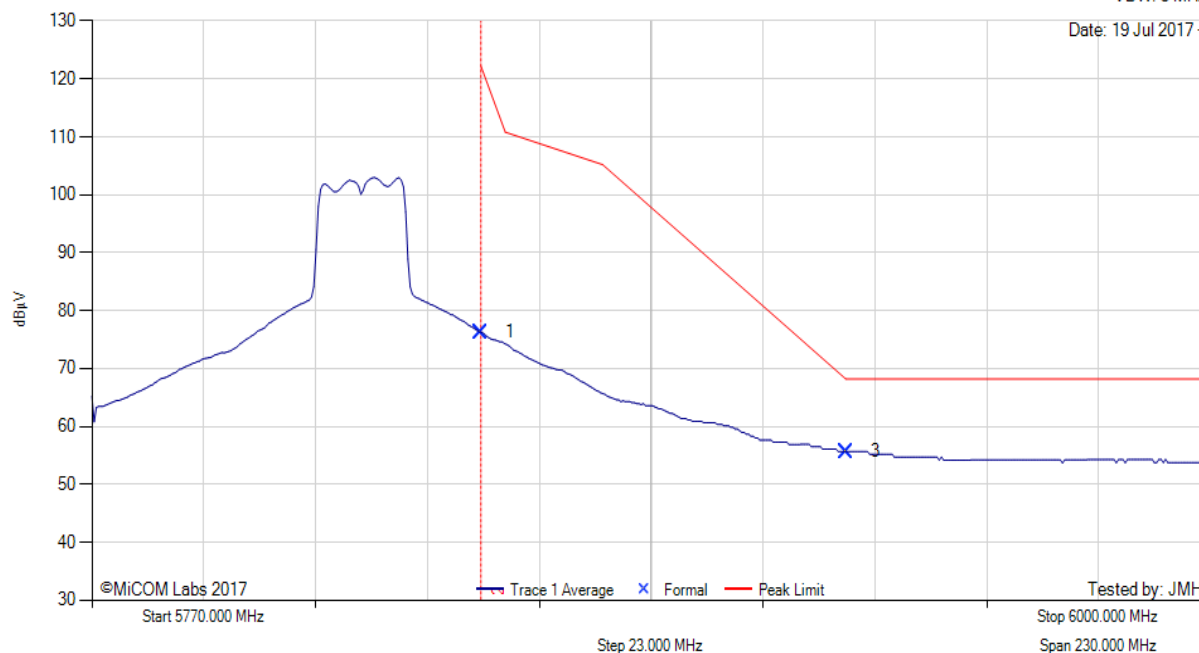
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

Date: 19 Jul 2017 -



5770.00 - 6000.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	37.79	3.81	34.63	76.23	Max Avg	Horizontal	122	179	122.2	-46.0	Pass
3	5925.00	17.00	3.84	34.82	55.66	Max Avg	Horizontal	122	179	68.2	-12.6	Pass
2	5850.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B.

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5850 MHz RADIATED BAND-EDGE EMISSIONS

Variant: 802.11n HT-40, Test Freq: 5795.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 22, Duty Cycle (%): 99

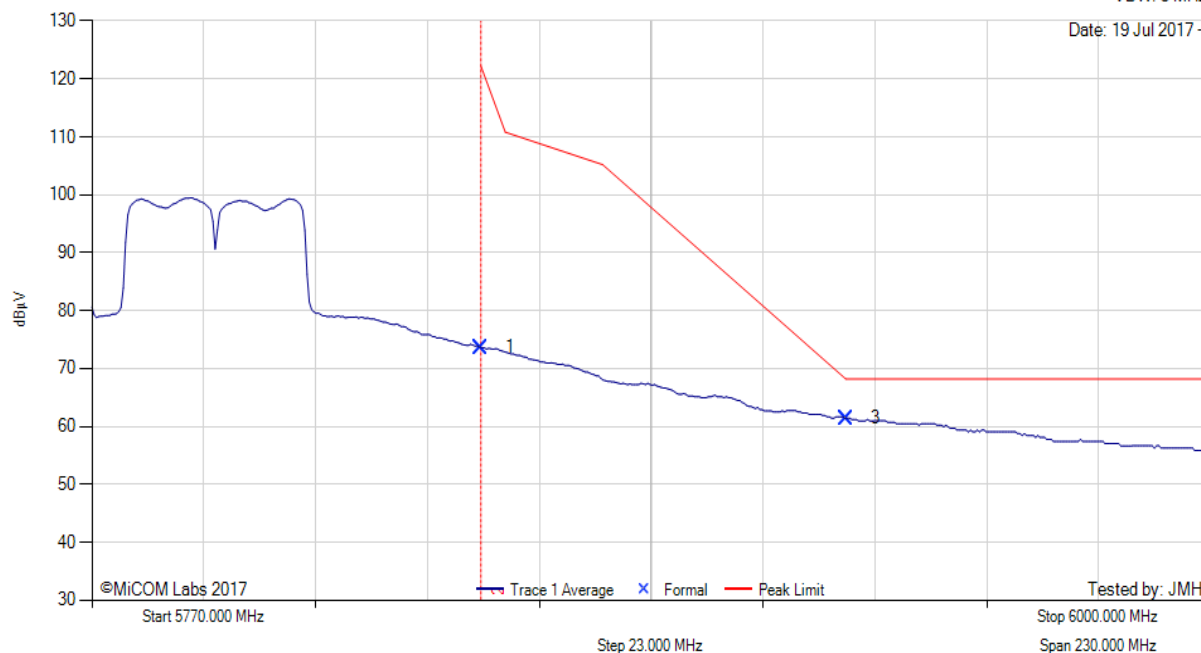
Measurement Distance: 3m

Sweep Time: 10.0 s

RBW: 1 MHz

VBW: 3 MHz

Date: 19 Jul 2017 -



5770.00 - 6000.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	5850.00	35.17	3.81	34.63	73.61	Max Avg	Horizontal	122	179	122.2	-48.6	Pass
3	5925.00	22.79	3.84	34.82	61.45	Max Avg	Horizontal	122	179	68.2	-6.8	Pass
2	5850.00	--	--	--	--	Band-Edge	--	--	--	--	--	--

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Port B.

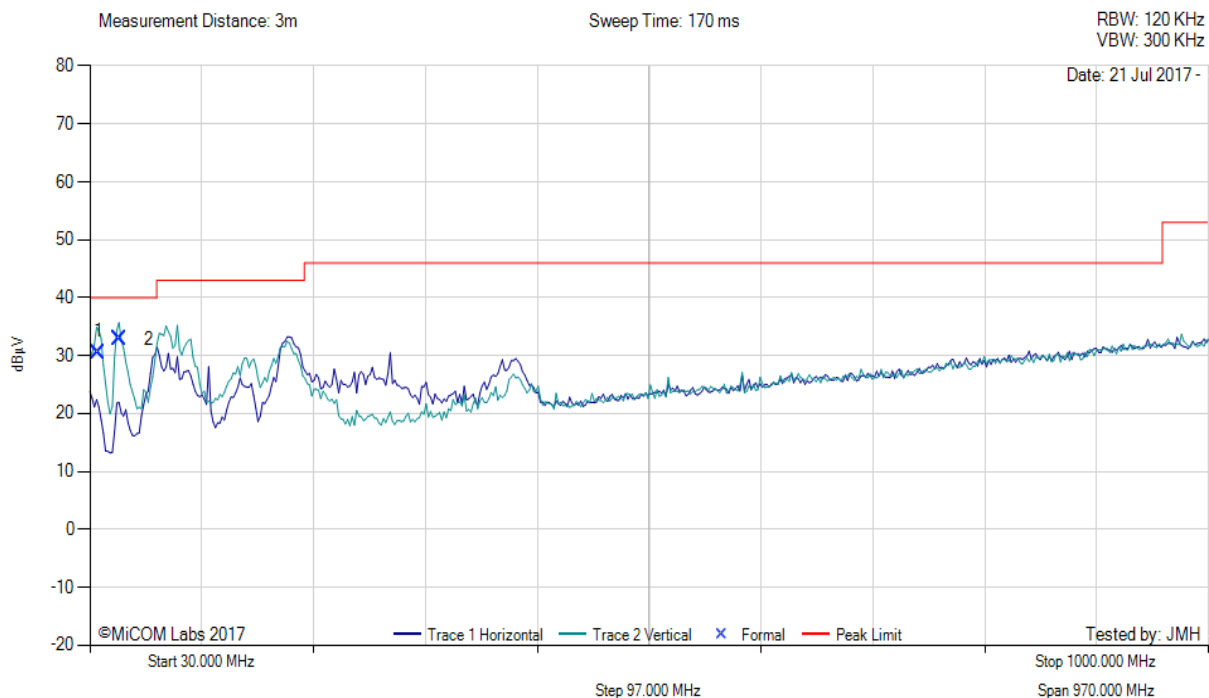
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A.4.3. Digital Emissions



DIGITAL EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: Integral, Power Setting: 22, Duty Cycle (%): 99



30.00 - 1000.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	37.10	43.16	3.48	-16.06	30.58	MaxQP	Vertical	107	189	40.0	-9.4	Pass
2	55.44	53.35	3.61	-24.13	32.83	MaxQP	Vertical	101	281	40.0	-7.2	Pass

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Laptop put into suspend mode to limit 50 MHz harmonics from support equipment. TX on 5745

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DIGITAL EMISSIONS

Variant: 802.11a, Test Freq: 5745.00 MHz, Antenna: YAGEO ANT300P002B24553, Power Setting: 22, Duty Cycle (%): 99

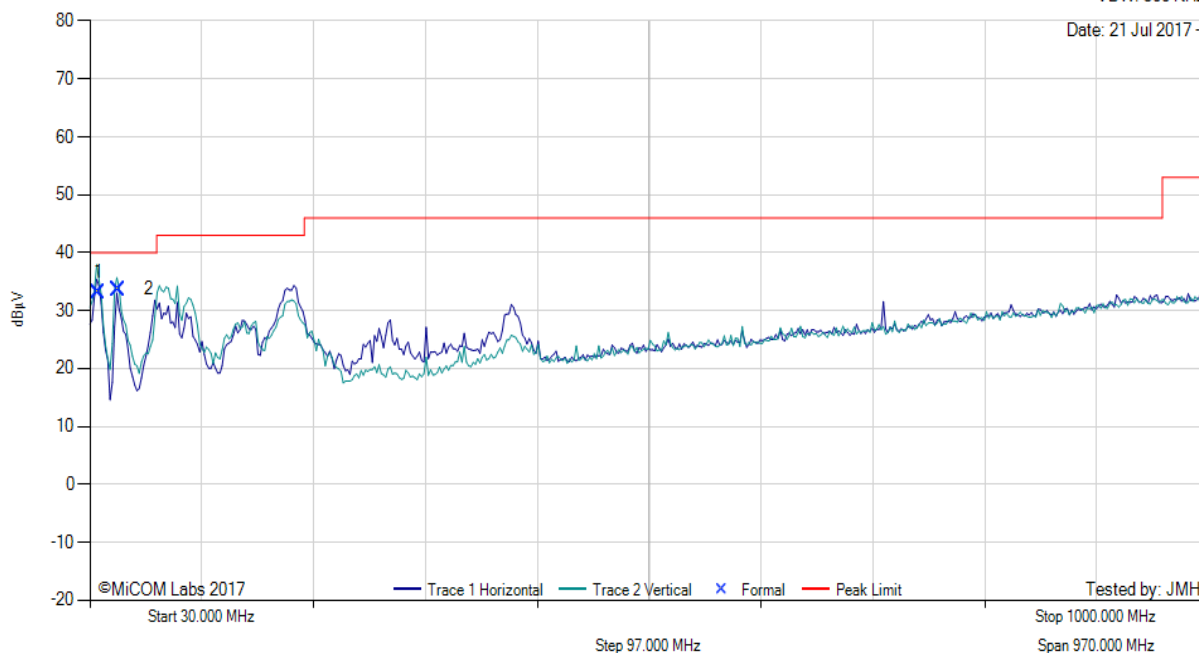
Measurement Distance: 3m

Sweep Time: 170 ms

RBW: 120 KHz

VBW: 300 KHz

Date: 21 Jul 2017 -



30.00 - 1000.00 MHz												
Num	Frequency MHz	Raw dBμV	Cable Loss dB	AF dB	Level dBμV/m	Measurement Type	Pol	Hgt cm	Azt Deg	Limit dBμV/m	Margin dB	Pass /Fail
1	37.29	45.69	3.48	-16.06	33.11	MaxQP	Vertical	98	215	40.0	-6.9	Pass
2	55.00	54.26	3.61	-24.13	33.74	MaxQP	Vertical	100	287	40.0	-6.3	Pass

Test Notes: EUT powered by 5V ps, connected to Laptop via SD slot. Laptop put into suspend mode to limit 50 MHz harmonics from support equipment. TX on 5745

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