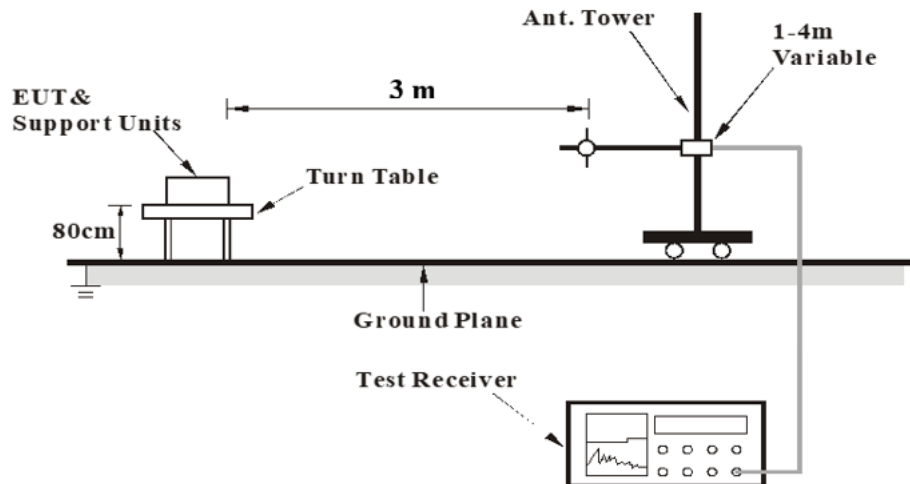
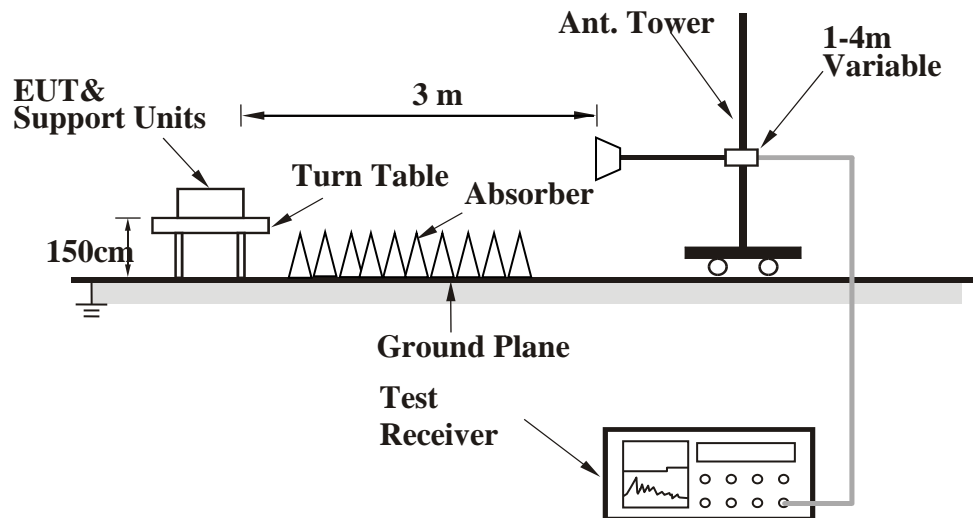


<Frequency Range 30 MHz ~ 1 GHz >



<Frequency Range above 1 GHz>



For the actual test configuration, please refer to the Setup Configurations.



Test Data

Model: VigorAP 1000

Above 1GHz Data

Non-Beamforming Mode

802.11a

EUT Test Condition		Measurement Detail	
Channel	Channel 36	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5081.910	52.94	8.66	61.60	74.00	-12.40	peak
@	5180.000	95.76	8.83	104.59	-	-	peak
-	5150.000	39.34	8.87	48.21	54.00	-5.79	AVG
@	5180.000	86.50	8.83	95.33	-	-	AVG
#	10360.000	35.77	10.00	45.77	68.2	-22.43	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5145.670	56.93	8.86	65.79	74.00	-8.21	peak
@	5180.000	105.91	8.83	114.74	-	-	peak
-	5150.000	44.23	8.87	53.10	54.00	-0.90	AVG
@	5180.000	96.58	8.83	105.41	-	-	AVG
*	7700.200	45.42	4.65	50.07	74.00	-23.93	peak
#	10360.000	35.44	10.00	45.44	68.20	-22.76	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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Doc No: 17-EM-F0878 / 5.0



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EUT Test Condition		Measurement Detail	
Channel	Channel 44	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5055.470	52.25	8.54	60.79	74.00	-13.21	peak
@	5220.000	99.58	8.60	108.18	-	-	peak
-	5118.930	39.61	8.79	48.40	54.00	-5.60	AVG
@	5220.000	90.14	8.60	98.74	-	-	AVG
*	7333.600	44.21	4.63	48.84	74.00	-25.16	peak
#	10440.000	36.49	10.28	46.77	68.20	-21.43	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5149.940	54.92	8.87	63.79	74.00	-10.21	peak
@	5220.000	108.79	8.60	117.39	-	-	peak
-	5149.140	41.05	8.87	49.92	54.00	-4.08	AVG
@	5220.000	99.63	8.60	108.23	-	-	AVG
*	7333.600	46.05	4.63	50.68	74.00	-23.32	peak
#	10440.000	35.31	10.28	45.59	68.20	-22.61	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 48	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5100.210	52.45	8.74	61.19	74.00	-12.81	peak
@	5240.000	99.00	8.41	107.41	-	-	peak
-	5094.150	39.55	8.72	48.27	54.00	-5.73	AVG
@	5240.000	88.77	8.41	97.18	-	-	AVG
*	7333.600	44.48	4.63	49.11	74.00	-24.89	peak
#	10480.000	35.23	10.41	45.64	68.20	-22.56	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5133.340	53.01	8.83	61.84	74.00	-12.16	peak
@	5240.000	108.08	8.41	116.49	-	-	peak
-	5088.920	39.66	8.70	48.36	54.00	-5.64	AVG
@	5240.000	97.76	8.41	106.17	-	-	AVG
*	7333.600	46.72	4.63	51.35	74.00	-22.65	peak
#	10480.000	36.25	10.41	46.66	68.20	-21.54	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 149	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5624.317	50.77	9.00	59.77	68.20	-8.43	peak
-	5718.967	55.70	9.16	64.86	110.51	-45.65	peak
@	5745.000	98.27	9.34	107.61	-	-	peak
@	5745.000	88.44	9.34	97.78	-	-	AVG
*	7659.900	42.04	4.64	46.68	74.00	-27.32	peak
*	11490.000	36.25	11.25	47.50	74.00	-26.50	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5633.117	51.74	9.01	60.75	68.20	-7.45	peak
-	5720.933	73.10	9.18	82.28	112.93	-30.65	peak
@	5745.000	108.54	9.34	117.88	-	-	peak
@	5745.000	98.14	9.34	107.48	-	-	AVG
*	7659.900	44.80	4.64	49.44	74.00	-24.56	peak
*	11490.000	41.99	11.25	53.24	74.00	-20.76	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. "*" : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 157	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5646.700	50.55	9.02	59.57	68.20	-8.63	peak
-	5702.117	50.44	9.06	59.50	105.79	-46.29	peak
@	5785.000	97.78	9.38	107.16	-	-	peak
@	5785.000	88.26	9.38	97.64	-	-	AVG
-	5870.883	50.70	9.75	60.45	106.35	-45.90	peak
-	5939.567	50.67	9.95	60.62	68.20	-7.58	peak
*	7713.200	41.59	4.68	46.27	74.00	-27.73	peak
*	11570.000	35.33	11.03	46.36	74.00	-27.64	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5577.650	52.30	8.98	61.28	68.20	-6.92	peak
-	5716.817	51.91	9.15	61.06	109.91	-48.85	peak
@	5785.000	107.32	9.38	116.70	-	-	peak
@	5785.000	97.88	9.38	107.26	-	-	AVG
-	5911.033	50.86	9.94	60.80	78.54	-17.74	peak
-	6000.117	51.59	9.88	61.47	68.20	-6.73	peak
*	7713.200	45.77	4.68	50.45	74.00	-23.55	peak
*	11570.000	41.54	11.03	52.57	74.00	-21.43	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 165	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	97.29	9.50	106.79	-	-	peak
@	5825.000	88.40	9.50	97.90	-	-	AVG
-	5893.250	51.96	9.89	61.85	91.70	-29.85	peak
-	5939.033	50.79	9.95	60.74	68.20	-7.46	peak
#	7766.500	41.85	4.82	46.67	68.20	-21.53	peak
*	11650.000	36.07	10.78	46.85	74.00	-27.15	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	107.58	9.50	117.08	-	-	peak
@	5825.000	98.32	9.50	107.82	-	-	AVG
-	5855.083	62.89	9.64	72.53	110.78	-38.25	peak
-	5959.717	50.99	9.94	60.93	68.20	-7.27	peak
#	7766.500	44.85	4.82	49.67	68.20	-18.53	peak
*	11650.000	43.14	10.78	53.92	74.00	-20.08	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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802.11ac (VHT20)

EUT Test Condition		Measurement Detail	
Channel	Channel 36	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5090.890	52.17	8.70	60.87	74.00	-13.13	peak
@	5180.000	94.54	8.83	103.37	-	-	peak
-	5150.000	39.43	8.87	48.30	54.00	-5.70	AVG
@	5180.000	86.07	8.83	94.90	-	-	AVG
*	7700.200	41.49	4.65	46.14	74.00	-27.86	peak
#	10360.000	35.74	10.00	45.74	68.20	-22.46	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5145.570	58.67	8.86	67.53	74.00	-6.47	peak
@	5180.000	105.14	8.83	113.97	-	-	peak
-	5150.000	44.33	8.87	53.20	54.00	-0.80	AVG
@	5180.000	96.50	8.83	105.33	-	-	AVG
*	7700.200	44.79	4.65	49.44	74.00	-24.56	peak
#	10360.000	35.68	10.00	45.68	68.20	-22.52	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 44	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5124.670	52.33	8.81	61.14	74.00	-12.86	peak
@	5220.000	100.49	8.60	109.09	-	-	peak
-	5101.560	39.52	8.74	48.26	54.00	-5.74	AVG
@	5220.000	89.58	8.60	98.18	-	-	AVG
*	7333.600	43.94	4.63	48.57	74.00	-25.43	peak
#	10440.000	35.45	10.28	45.73	68.20	-22.47	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5149.530	54.01	8.87	62.88	74.00	-11.12	peak
@	5220.000	109.60	8.60	118.20	-	-	peak
-	5149.950	40.51	8.87	49.38	54.00	-4.62	AVG
@	5220.000	98.08	8.60	106.68	-	-	AVG
*	7333.600	45.58	4.63	50.21	74.00	-23.79	peak
#	10440.000	35.74	10.28	46.02	68.20	-22.18	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. " # " : The radiated frequency is out of the restricted band.
6. " * " : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 48	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5081.700	52.85	8.66	61.51	74.00	-12.49	peak
@	5240.000	98.85	8.41	107.26	-	-	peak
-	5064.920	39.74	8.59	48.33	54.00	-5.67	AVG
@	5240.000	89.49	8.41	97.90	-	-	AVG
*	7333.600	43.85	4.63	48.48	74.00	-25.52	peak
#	10480.000	35.53	10.41	45.94	68.20	-22.26	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5086.900	52.47	8.69	61.16	74.00	-12.84	peak
@	5240.000	108.50	8.41	116.91	-	-	peak
-	5107.860	39.56	8.76	48.32	54.00	-5.68	AVG
@	5240.000	97.95	8.41	106.36	-	-	AVG
*	7333.600	45.75	4.63	50.38	74.00	-23.62	peak
#	10480.000	35.63	10.41	46.04	68.20	-22.16	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 149	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5546.267	50.66	8.97	59.63	68.20	-8.57	peak
-	5683.900	50.86	9.04	59.90	93.29	-33.39	peak
@	5745.000	99.76	9.34	109.10	-	-	peak
@	5745.000	90.85	9.34	100.19	-	-	AVG
*	7659.900	43.14	4.64	47.78	74.00	-26.22	peak
*	11490.000	36.26	11.25	47.51	74.00	-26.49	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5632.667	51.22	9.01	60.23	68.20	-7.97	peak
-	5720.117	79.64	9.17	88.81	111.07	-22.26	peak
@	5745.000	108.60	9.34	117.94	-	-	peak
@	5745.000	98.68	9.34	108.02	-	-	AVG
*	7659.900	45.18	4.64	49.82	74.00	-24.18	peak
*	11490.000	41.63	11.25	52.88	74.00	-21.12	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "* *": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 157	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5605.383	50.71	9.00	59.71	68.20	-8.49	peak
-	5716.133	50.55	9.15	59.70	109.72	-50.02	peak
@	5785.000	98.53	9.38	107.91	-	-	peak
@	5785.000	89.67	9.38	99.05	-	-	AVG
-	5897.250	51.33	9.91	61.24	88.73	-27.49	peak
-	5952.150	50.73	9.96	60.69	68.20	-7.51	peak
*	7713.200	41.81	4.68	46.49	74.00	-27.51	peak
*	11570.000	35.77	11.03	46.80	74.00	-27.20	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5629.700	51.63	9.01	60.64	68.20	-7.56	peak
-	5719.833	53.82	9.17	62.99	110.75	-47.76	peak
@	5785.000	108.64	9.38	118.02	-	-	peak
@	5785.000	99.14	9.38	108.52	-	-	AVG
-	5909.750	51.49	9.94	61.43	79.48	-18.05	peak
-	5992.333	51.78	9.89	61.67	68.20	-6.53	peak
*	7713.200	45.45	4.68	50.13	74.00	-23.87	peak
*	11570.000	42.72	11.03	53.75	74.00	-20.25	peak
#	17350.000	38.52	18.30	56.82	68.20	-11.38	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 165	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	98.46	9.50	107.96	-	-	peak
@	5825.000	89.06	9.50	98.56	-	-	AVG
-	5904.350	50.45	9.93	60.38	83.48	-23.10	peak
-	5951.850	50.89	9.96	60.85	68.20	-7.35	peak
#	7766.500	42.11	4.82	46.93	68.20	-21.27	peak
*	11650.000	33.81	10.78	44.59	74.00	-29.41	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	108.12	9.50	117.62	-	-	peak
@	5825.000	98.70	9.50	108.20	-	-	AVG
-	5858.933	60.86	9.66	70.52	109.70	-39.18	peak
-	5936.133	51.14	9.95	61.09	68.20	-7.11	peak
#	7766.500	44.78	4.82	49.60	68.20	-18.60	peak
*	11650.000	42.89	10.78	53.67	74.00	-20.33	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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802.11ac (VHT40)

EUT Test Condition		Measurement Detail	
Channel	Channel 38	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5117.900	51.76	8.79	60.55	74.00	-13.45	peak
@	5190.000	90.46	8.81	99.27	-	-	peak
-	5128.640	39.68	8.81	48.49	54.00	-5.51	AVG
@	5190.000	81.03	8.81	89.84	-	-	AVG
*	7333.600	43.56	4.65	48.21	74.00	-25.79	peak
#	10380.000	35.47	10.12	45.59	68.20	-22.61	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5149.890	59.34	8.87	68.21	74.00	-5.79	peak
@	5190.000	99.82	8.81	108.63	-	-	peak
-	5149.950	44.92	8.87	53.79	54.00	-0.21	AVG
@	5190.000	91.25	8.81	100.06	-	-	AVG
*	7333.600	45.57	4.65	50.22	74.00	-23.78	peak
#	10380.000	35.82	10.12	45.94	68.20	-22.26	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 46	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5138.080	52.14	8.84	60.98	74.00	-13.02	peak
@	5230.000	96.39	8.51	104.90	-	-	peak
-	5089.750	39.60	8.70	48.30	54.00	-5.70	AVG
@	5230.000	86.85	8.51	95.36	-	-	AVG
*	7333.600	44.14	4.63	48.77	74.00	-25.23	peak
#	10460.000	36.02	10.34	46.36	68.20	-21.84	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5149.760	59.92	8.87	68.79	74.00	-5.21	peak
@	5230.000	106.32	8.51	114.83	-	-	peak
-	5149.620	45.09	8.87	53.96	54.00	-0.04	AVG
@	5230.000	95.26	8.51	103.77	-	-	AVG
*	7333.600	46.03	4.63	50.66	74.00	-23.34	peak
#	10460.000	35.74	10.34	46.08	68.20	-22.12	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. " # " : The radiated frequency is out of the restricted band.
6. " * " : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 151	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5590.733	50.86	8.99	59.85	68.20	-8.35	peak
-	5719.217	56.99	9.17	66.16	110.58	-44.42	peak
@	5755.000	97.78	9.36	107.14	-	-	peak
@	5755.000	88.36	9.36	97.72	-	-	AVG
*	7672.900	41.45	4.65	46.10	74.00	-27.90	peak
*	11510.000	35.11	11.25	46.36	74.00	-27.64	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5613.033	52.69	9.01	61.70	68.20	-6.50	peak
-	5721.300	81.65	9.18	90.83	113.76	-22.93	peak
@	5755.000	105.86	9.36	115.22	-	-	peak
@	5755.000	96.28	9.36	105.64	-	-	AVG
*	7672.900	45.63	4.65	50.28	74.00	-23.72	peak
*	11510.000	39.58	11.25	50.83	74.00	-23.17	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. " * " : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 159	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5795.000	96.44	9.39	105.83	-	-	peak
@	5795.000	87.12	9.39	96.51	-	-	AVG
-	5916.200	51.21	9.94	61.15	74.71	-13.56	peak
-	5948.083	51.24	9.95	61.19	68.20	-7.01	peak
*	7726.200	42.16	4.70	46.86	74.00	-27.14	peak
*	11590.000	34.21	10.95	45.16	74.00	-28.84	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5795.000	105.38	9.39	114.77	-	-	peak
@	5795.000	95.99	9.39	105.38	-	-	AVG
-	5860.333	61.00	9.68	70.68	109.31	-38.63	peak
-	5935.300	51.06	9.95	61.01	68.20	-7.19	peak
*	7726.200	45.99	4.70	50.69	74.00	-23.31	peak
*	11590.000	40.72	10.95	51.67	74.00	-22.33	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. " * " : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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802.11ac (VHT80)

EUT Test Condition		Measurement Detail	
Channel	Channel 42	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5128.590	51.83	8.81	60.64	74.00	-13.36	peak
@	5210.000	86.25	8.69	94.94	-	-	peak
-	5087.510	39.85	8.69	48.54	54.00	-5.46	AVG
@	5210.000	77.89	8.69	86.58	-	-	AVG
*	7333.600	43.44	4.65	48.09	74.00	-25.91	peak
#	10420.000	35.25	10.26	45.51	68.20	-22.69	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5147.370	60.40	8.86	69.26	74.00	-4.74	peak
@	5210.000	97.63	8.69	106.32	-	-	peak
-	5150.000	44.28	8.87	53.15	54.00	-0.85	AVG
@	5210.000	87.22	8.69	95.91	-	-	AVG
*	7333.600	44.86	4.65	49.51	74.00	-24.49	peak
#	10420.000	36.14	10.26	46.40	68.20	-21.80	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 155	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5612.233	50.58	9.01	59.59	68.20	-8.61	peak
-	5706.633	55.77	9.08	64.85	107.06	-42.21	peak
@	5775.000	90.73	9.38	100.11	-	-	peak
@	5775.000	81.37	9.38	90.75	-	-	AVG
-	5916.567	50.65	9.94	60.59	74.44	-13.85	peak
-	5967.567	51.18	9.93	61.11	68.20	-7.09	peak
*	7700.200	41.34	4.67	46.01	74.00	-27.99	peak
*	11550.000	34.47	11.09	45.56	74.00	-28.44	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5648.217	56.62	9.02	65.64	68.20	-2.56	peak
-	5720.000	79.16	9.17	88.33	110.80	-22.47	peak
@	5775.000	101.59	9.38	110.97	-	-	peak
@	5775.000	92.06	9.38	101.44	-	-	AVG
-	5859.800	72.23	9.67	81.90	109.46	-27.56	peak
-	5930.383	52.76	9.95	62.71	68.20	-5.49	peak
*	7700.200	45.44	4.67	50.11	74.00	-23.89	peak
*	11550.000	37.02	11.09	48.11	74.00	-25.89	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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Beamforming Mode

802.11ac (VHT20)

EUT Test Condition		Measurement Detail	
Channel	Channel 36	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5108.890	52.16	8.77	60.93	74.00	-13.07	peak
@	5180.000	90.40	8.83	99.23	-	-	peak
-	5132.520	39.76	8.83	48.59	54.00	-5.41	AVG
@	5180.000	79.33	8.83	88.16	-	-	AVG
*	7700.200	41.09	4.65	45.74	74.00	-28.26	peak
#	10360.000	36.43	10.00	46.43	68.20	-21.77	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5082.270	52.65	8.66	61.31	74.00	-12.69	peak
@	5180.000	100.16	8.83	108.99	-	-	peak
-	5136.280	40.01	8.83	48.84	54.00	-5.16	AVG
@	5180.000	91.16	8.83	99.99	-	-	AVG
*	7700.200	45.67	4.65	50.32	74.00	-23.68	peak
#	10360.000	35.65	10.00	45.65	68.20	-22.55	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 44	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5059.580	52.09	8.56	60.65	74.00	-13.35	peak
@	5220.000	89.56	8.60	98.16	-	-	peak
-	5111.530	39.75	8.77	48.52	54.00	-5.48	AVG
@	5220.000	79.81	8.60	88.41	-	-	AVG
*	7700.200	41.13	4.65	45.78	74.00	-28.22	peak
#	10440.000	35.10	10.28	45.38	68.20	-22.82	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5129.260	52.47	8.81	61.28	74.00	-12.72	peak
@	5220.000	99.11	8.60	107.71	-	-	peak
-	5103.070	39.89	8.75	48.64	54.00	-5.36	AVG
@	5220.000	90.46	8.60	99.06	-	-	AVG
*	7700.200	45.23	4.65	49.88	74.00	-24.12	peak
#	10440.000	35.87	10.28	46.15	68.20	-22.05	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 48	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5110.980	51.84	8.77	60.61	74.00	-13.39	peak
@	5240.000	88.60	8.41	97.01	-	-	peak
-	5122.220	39.70	8.80	48.50	54.00	-5.50	AVG
@	5240.000	78.47	8.41	86.88	-	-	AVG
*	7700.200	41.18	4.65	45.83	74.00	-28.17	peak
#	10480.000	35.75	10.41	46.16	68.20	-22.04	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5060.120	51.63	8.56	60.19	74.00	-13.81	peak
@	5240.000	99.08	8.41	107.49	-	-	peak
-	5107.660	39.85	8.76	48.61	54.00	-5.39	AVG
@	5240.000	90.06	8.41	98.47	-	-	AVG
*	7700.200	45.38	4.65	50.03	74.00	-23.97	peak
#	10480.000	35.54	10.41	45.95	68.20	-22.25	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 149	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5561.600	50.95	8.98	59.93	68.20	-8.27	peak
-	5707.500	50.89	9.08	59.97	107.30	-47.33	peak
@	5745.000	94.19	9.34	103.53	-	-	peak
@	5745.000	85.08	9.34	94.42	-	-	AVG
*	7659.900	41.25	4.62	45.87	74.00	-28.13	peak
*	11490.000	36.02	11.17	47.19	74.00	-26.81	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5565.683	51.57	8.98	60.55	68.20	-7.65	peak
-	5720.450	60.40	9.17	69.57	111.83	-42.26	peak
@	5745.000	103.21	9.34	112.55	-	-	peak
@	5745.000	94.31	9.34	103.65	-	-	AVG
*	7659.900	45.23	4.62	49.85	74.00	-24.15	peak
*	11490.000	37.94	11.17	49.11	74.00	-24.89	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "* * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 157	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5614.283	50.71	9.00	59.71	68.20	-8.49	peak
-	5655.783	50.61	9.03	59.64	72.48	-12.84	peak
@	5785.000	91.56	9.38	100.94	-	-	peak
@	5785.000	80.97	9.38	90.35	-	-	AVG
-	5920.350	51.19	9.95	61.14	71.64	-10.50	peak
-	5966.383	50.86	9.94	60.80	68.20	-7.40	peak
*	7713.200	40.24	4.66	44.90	74.00	-29.10	peak
*	11570.000	35.29	10.95	46.24	74.00	-27.76	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5582.383	51.78	8.99	60.77	68.20	-7.43	peak
-	5719.283	53.13	9.17	62.30	110.60	-48.30	peak
@	5785.000	104.46	9.38	113.84	-	-	peak
@	5785.000	95.67	9.38	105.05	-	-	AVG
-	5923.817	51.95	9.95	61.90	69.08	-7.18	peak
-	5978.950	50.75	9.91	60.66	68.20	-7.54	peak
*	7713.200	44.85	4.66	49.51	74.00	-24.49	peak
*	11570.000	41.76	10.95	52.71	74.00	-21.29	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 165	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	92.77	9.50	102.27	-	-	peak
@	5825.000	83.61	9.50	93.11	-	-	AVG
-	5921.050	50.81	9.95	60.76	71.12	-10.36	peak
-	5925.483	51.34	9.95	61.29	68.20	-6.91	peak
*	7766.500	40.11	4.80	44.91	74.00	-29.09	peak
*	11650.000	35.73	10.70	46.43	74.00	-27.57	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	103.07	9.50	112.57	-	-	peak
@	5825.000	93.48	9.50	102.98	-	-	AVG
-	5854.817	58.91	9.64	68.55	111.22	-42.67	peak
-	5979.583	52.09	9.91	62.00	68.20	-6.20	peak
*	7766.500	44.93	4.80	49.73	74.00	-24.27	peak
*	11650.000	39.86	10.70	50.56	74.00	-23.44	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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802.11ac (VHT40)

EUT Test Condition		Measurement Detail	
Channel	Channel 38	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5039.820	52.07	8.48	60.55	74.00	-13.45	peak
@	5190.000	87.78	8.81	96.59	-	-	peak
-	5094.420	39.78	8.72	48.50	54.00	-5.50	AVG
@	5190.000	75.79	8.81	84.60	-	-	AVG
*	7700.200	40.84	4.65	45.49	74.00	-28.51	peak
#	10380.000	36.09	10.07	46.16	68.20	-22.04	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5150.000	57.54	8.87	66.41	74.00	-7.59	peak
@	5190.000	96.90	8.81	105.71	-	-	peak
-	5149.100	42.54	8.87	51.41	54.00	-2.59	AVG
@	5190.000	87.29	8.81	96.10	-	-	AVG
*	7700.200	45.39	4.65	50.04	74.00	-23.96	peak
#	10380.000	35.16	10.07	45.23	68.20	-22.97	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 46	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5126.360	52.01	8.80	60.81	74.00	-13.19	peak
@	5230.000	85.09	8.51	93.60	-	-	peak
-	5120.150	39.72	8.80	48.52	54.00	-5.48	AVG
@	5230.000	76.80	8.51	85.31	-	-	AVG
*	7700.200	41.04	4.65	45.69	74.00	-28.31	peak
#	10460.000	36.23	10.34	46.57	68.20	-21.63	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5045.300	52.26	8.49	60.75	74.00	-13.25	peak
@	5230.000	97.95	8.51	106.46	-	-	peak
-	5135.800	39.85	8.83	48.68	54.00	-5.32	AVG
@	5230.000	87.57	8.51	96.08	-	-	AVG
*	7700.200	45.39	4.65	50.04	74.00	-23.96	peak
#	10460.000	35.05	10.34	45.39	68.20	-22.81	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 151	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5568.217	51.02	8.98	60.00	68.20	-8.20	peak
-	5708.400	50.71	9.09	59.80	107.55	-47.75	peak
@	5755.000	89.75	9.36	99.11	-	-	peak
@	5755.000	80.68	9.36	90.04	-	-	AVG
*	7672.900	41.50	4.63	46.13	74.00	-27.87	peak
*	11510.000	35.79	11.17	46.96	74.00	-27.04	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5591.583	51.48	8.99	60.47	68.20	-7.73	peak
-	5721.617	76.53	9.18	85.71	114.49	-28.78	peak
@	5755.000	103.39	9.36	112.75	-	-	peak
@	5755.000	94.17	9.36	103.53	-	-	AVG
*	7672.900	45.78	4.63	50.41	74.00	-23.59	peak
*	11510.000	37.22	11.17	48.39	74.00	-25.61	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. " * " : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 159	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5795.000	90.71	9.39	100.10	-	-	peak
@	5795.000	81.38	9.39	90.77	-	-	AVG
-	5872.517	51.63	9.76	61.39	105.90	-44.51	peak
-	5938.550	51.01	9.95	60.96	68.20	-7.24	peak
*	7726.200	40.35	4.68	45.03	74.00	-28.97	peak
*	11590.000	35.27	10.87	46.14	74.00	-27.86	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5795.000	104.14	9.39	113.53	-	-	peak
@	5795.000	95.05	9.39	104.44	-	-	AVG
-	5865.733	52.73	9.71	62.44	107.79	-45.35	peak
-	5964.400	51.59	9.94	61.53	68.20	-6.67	peak
*	7726.200	45.34	4.68	50.02	74.00	-23.98	peak
*	11590.000	41.69	10.87	52.56	74.00	-21.44	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "* *": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 42	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5119.910	52.51	8.80	61.31	74.00	-12.69	peak
@	5210.000	82.92	8.69	91.61	-	-	peak
-	5112.950	39.82	8.78	48.60	54.00	-5.40	AVG
@	5210.000	75.65	8.69	84.34	-	-	AVG
*	7700.200	41.26	4.65	45.91	74.00	-28.09	peak
#	10420.000	34.95	10.21	45.16	68.20	-23.04	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5138.450	55.20	8.84	64.04	74.00	-9.96	peak
@	5210.000	96.24	8.69	104.93	-	-	peak
-	5148.910	43.01	8.87	51.88	54.00	-2.12	AVG
@	5210.000	87.06	8.69	95.75	-	-	AVG
*	7700.200	45.57	4.65	50.22	74.00	-23.78	peak
#	10420.000	35.70	10.21	45.91	68.20	-22.29	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 155	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5610.883	51.95	9.01	60.96	68.20	-7.24	peak
-	5710.333	60.43	9.10	69.53	108.09	-38.56	peak
@	5775.000	89.57	9.38	98.95	-	-	peak
@	5775.000	80.18	9.38	89.56	-	-	AVG
-	5918.300	51.21	9.94	61.15	73.16	-12.01	peak
-	5929.117	50.66	9.95	60.61	68.20	-7.59	peak
*	7700.200	42.08	4.65	46.73	74.00	-27.27	peak
*	11550.000	35.86	11.01	46.87	74.00	-27.13	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5646.450	58.87	9.02	67.89	68.20	-0.31	peak
-	5713.983	76.72	9.13	85.85	109.12	-23.27	peak
@	5775.000	102.39	9.38	111.77	-	-	peak
@	5775.000	92.37	9.38	101.75	-	-	AVG
-	5861.517	70.05	9.69	79.74	108.98	-29.24	peak
-	5938.867	51.34	9.95	61.29	68.20	-6.91	peak
*	7700.200	45.99	4.65	50.64	74.00	-23.36	peak
*	11550.000	36.29	11.01	47.30	74.00	-26.70	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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Co-Location Mode

802.11b + 802.11ac (VHT20)

EUT Test Condition		Measurement Detail	
Channel	Channel 6 + Channel 48 + Channel 165	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	4874.000	43.66	-1.95	41.71	74.00	-32.29	peak
#	10480.000	35.72	10.41	46.13	74.00	-27.87	peak
*	11650.000	34.81	10.70	45.51	74.00	-28.49	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	3249.000	56.66	-5.39	51.27	74.00	-22.73	peak
*	4874.000	48.77	-1.95	46.82	74.00	-27.18	peak
#	7766.500	45.30	4.80	50.10	74.00	-23.90	peak
#	10480.000	36.27	10.41	46.68	74.00	-27.32	peak
*	11650.000	41.32	10.70	52.02	74.00	-21.98	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " # ": The radiated frequency is out of the restricted band.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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Model: VigorAP 1000C

Above 1GHz Data

Non-Beamforming Mode

802.11a

EUT Test Condition		Measurement Detail	
Channel	Channel 36	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5148.980	59.25	8.87	68.12	74.00	-5.88	peak
@	5180.000	105.35	8.83	114.18	-	-	peak
-	5150.000	44.59	8.87	53.46	54.00	-0.54	AVG
@	5180.000	95.17	8.83	104.00	-	-	AVG
*	7333.600	42.75	4.63	47.38	74.00	-26.62	peak
#	10360.000	37.53	10.00	47.53	68.20	-20.67	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5149.060	59.17	8.87	68.04	74.00	-5.96	peak
@	5180.000	105.63	8.83	114.46	-	-	peak
-	5148.860	44.81	8.87	53.68	54.00	-0.32	AVG
@	5180.000	96.51	8.83	105.34	-	-	AVG
*	7333.600	43.85	4.63	48.48	74.00	-25.52	peak
#	10360.000	36.59	10.00	46.59	68.20	-21.61	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 44	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5100.770	51.86	8.74	60.60	74.00	-13.40	peak
@	5220.000	105.65	8.60	114.25	-	-	peak
-	5121.180	39.53	8.80	48.33	54.00	-5.67	AVG
@	5220.000	96.15	8.60	104.75	-	-	AVG
*	7333.600	43.50	4.63	48.13	74.00	-25.87	peak
#	10440.000	35.94	10.28	46.22	68.20	-21.98	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5145.740	51.72	8.86	60.58	74.00	-13.42	peak
@	5220.000	106.03	8.60	114.63	-	-	peak
-	5103.160	39.66	8.75	48.41	54.00	-5.59	AVG
@	5220.000	96.37	8.60	104.97	-	-	AVG
*	7333.600	44.28	4.63	48.91	74.00	-25.09	peak
#	10440.000	36.43	10.28	46.71	68.20	-21.49	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 48	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5096.630	52.27	8.74	61.01	74.00	-12.99	peak
@	5240.000	104.74	8.41	113.15	-	-	peak
-	5107.780	39.53	8.76	48.29	54.00	-5.71	AVG
@	5240.000	95.67	8.41	104.08	-	-	AVG
*	7333.600	43.18	4.65	47.83	74.00	-26.17	peak
#	10480.000	36.77	10.46	47.23	68.20	-20.97	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5076.850	52.41	8.64	61.05	74.00	-12.95	peak
@	5240.000	105.64	8.41	114.05	-	-	peak
-	5114.360	39.44	8.78	48.22	54.00	-5.78	AVG
@	5240.000	95.79	8.41	104.20	-	-	AVG
*	7333.600	43.38	4.65	48.03	74.00	-25.97	peak
#	10480.000	38.78	10.46	49.24	68.20	-18.96	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 149	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5588.900	51.55	8.99	60.54	68.20	-7.66	peak
-	5722.433	57.47	9.18	66.65	116.35	-49.70	peak
@	5745.000	86.65	9.34	95.99	-	-	peak
@	5745.000	76.45	9.34	85.79	-	-	AVG
*	7333.600	41.12	4.65	45.77	74.00	-28.23	peak
*	11490.000	36.05	11.25	47.30	74.00	-26.70	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5563.217	51.50	8.98	60.48	68.20	-7.72	peak
-	5722.417	60.00	9.18	69.18	116.31	-47.13	peak
@	5745.000	89.93	9.34	99.27	-	-	peak
@	5745.000	79.79	9.34	89.13	-	-	AVG
*	7333.600	43.00	4.65	47.65	74.00	-26.35	peak
*	11490.000	42.54	11.25	53.79	74.00	-20.21	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. "*" : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 157	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5600.483	52.09	9.00	61.09	68.20	-7.11	peak
-	5695.300	51.86	9.04	60.90	101.72	-40.82	peak
@	5785.000	87.66	9.38	97.04	-	-	peak
@	5785.000	77.03	9.38	86.41	-	-	AVG
-	5906.233	52.33	9.94	62.27	82.09	-19.82	peak
-	5997.533	51.83	9.88	61.71	68.20	-6.49	peak
*	7333.600	40.99	4.65	45.64	74.00	-28.36	peak
*	11570.000	36.54	11.03	47.57	74.00	-26.43	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5578.217	52.17	8.98	61.15	68.20	-7.05	peak
-	5701.183	51.23	9.06	60.29	105.53	-45.24	peak
@	5785.000	89.94	9.38	99.32	-	-	peak
@	5785.000	80.03	9.38	89.41	-	-	AVG
-	5898.550	51.98	9.92	61.90	87.77	-25.87	peak
-	5980.617	51.47	9.91	61.38	68.20	-6.82	peak
*	7333.600	44.22	4.65	48.87	74.00	-25.13	peak
*	11570.000	40.47	11.03	51.50	74.00	-22.50	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 165	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	87.60	9.50	97.10	-	-	peak
@	5825.000	77.31	9.50	86.81	-	-	AVG
-	5867.750	52.03	9.73	61.76	107.23	-45.47	peak
-	5957.317	51.67	9.95	61.62	68.20	-6.58	peak
*	7333.600	42.88	4.65	47.53	74.00	-26.47	peak
*	11650.000	37.17	10.78	47.95	74.00	-26.05	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	89.50	9.50	99.00	-	-	peak
@	5825.000	80.10	9.50	89.60	-	-	AVG
-	5852.650	51.72	9.63	61.35	116.16	-54.81	peak
-	5942.567	51.53	9.95	61.48	68.20	-6.72	peak
*	7333.600	43.33	4.65	47.98	74.00	-26.02	peak
*	11650.000	42.56	10.78	53.34	74.00	-20.66	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. " * " : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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802.11ac (VHT20)

EUT Test Condition		Measurement Detail	
Channel	Channel 36	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5149.250	58.31	8.87	67.18	74.00	-6.82	peak
@	5180.000	106.27	8.83	115.10	-	-	peak
-	5150.000	44.03	8.87	52.90	54.00	-1.10	AVG
@	5180.000	96.16	8.83	104.99	-	-	AVG
*	7333.600	41.88	4.65	46.53	74.00	-27.47	peak
#	10360.000	37.84	10.05	47.89	68.20	-20.31	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5149.120	57.29	8.87	66.16	74.00	-7.84	peak
@	5180.000	107.02	8.83	115.85	-	-	peak
-	5150.000	44.27	8.87	53.14	54.00	-0.86	AVG
@	5180.000	96.92	8.83	105.75	-	-	AVG
*	7333.600	43.37	4.65	48.02	74.00	-25.98	peak
#	10360.000	37.71	10.05	47.76	68.20	-20.44	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 44	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5056.910	52.23	8.55	60.78	74.00	-13.22	peak
@	5220.000	104.95	8.60	113.55	-	-	peak
-	5131.020	39.57	8.82	48.39	54.00	-5.61	AVG
@	5220.000	95.40	8.60	104.00	-	-	AVG
*	7333.600	42.19	4.65	46.84	74.00	-27.16	peak
#	10440.000	37.43	10.33	47.76	68.20	-20.44	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5116.960	52.25	8.78	61.03	74.00	-12.97	peak
@	5220.000	105.99	8.60	114.59	-	-	peak
-	5107.290	39.58	8.75	48.33	54.00	-5.67	AVG
@	5220.000	96.49	8.60	105.09	-	-	AVG
*	7333.600	42.91	4.65	47.56	74.00	-26.44	peak
#	10440.000	37.35	10.33	47.68	68.20	-20.52	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. " # " : The radiated frequency is out of the restricted band.
6. " * " : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 48	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5078.200	52.29	8.64	60.93	74.00	-13.07	peak
@	5240.000	104.62	8.41	113.03	-	-	peak
-	5131.750	39.51	8.82	48.33	54.00	-5.67	AVG
@	5240.000	95.34	8.41	103.75	-	-	AVG
*	7333.600	41.84	4.65	46.49	74.00	-27.51	peak
#	10480.000	37.06	10.46	47.52	68.20	-20.68	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5109.740	52.50	8.77	61.27	74.00	-12.73	peak
@	5240.000	104.83	8.41	113.24	-	-	peak
-	5121.820	39.65	8.80	48.45	54.00	-5.55	AVG
@	5240.000	96.68	8.41	105.09	-	-	AVG
*	7333.600	44.22	4.65	48.87	74.00	-25.13	peak
#	10480.000	36.46	10.46	46.92	68.20	-21.28	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 149	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5641.800	51.50	9.02	60.52	68.20	-7.68	peak
-	5722.250	58.01	9.18	67.19	115.93	-48.74	peak
@	5745.000	86.39	9.34	95.73	-	-	peak
@	5745.000	75.98	9.34	85.32	-	-	AVG
*	7333.600	41.06	4.65	45.71	74.00	-28.29	peak
*	11490.000	35.65	11.25	46.90	74.00	-27.10	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5592.483	51.71	8.99	60.70	68.20	-7.50	peak
-	5723.267	61.62	9.19	70.81	118.25	-47.44	peak
@	5745.000	89.21	9.34	98.55	-	-	peak
@	5745.000	79.11	9.34	88.45	-	-	AVG
*	7333.600	42.81	4.65	47.46	74.00	-26.54	peak
*	11490.000	41.40	11.25	52.65	74.00	-21.35	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. " * " : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 157	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5584.917	51.77	8.99	60.76	68.20	-7.44	peak
-	5705.883	51.12	9.08	60.20	106.85	-46.65	peak
@	5785.000	86.67	9.38	96.05	-	-	peak
@	5785.000	76.26	9.38	85.64	-	-	AVG
-	5884.883	51.25	9.84	61.09	97.89	-36.80	peak
-	5988.217	51.71	9.89	61.60	68.20	-6.60	peak
*	7333.600	42.45	4.65	47.10	74.00	-26.90	peak
*	11570.000	36.31	11.03	47.34	74.00	-26.66	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5622.233	51.37	9.00	60.37	68.20	-7.83	peak
-	5720.700	51.10	9.17	60.27	112.40	-52.13	peak
@	5785.000	89.41	9.38	98.79	-	-	peak
@	5785.000	79.65	9.38	89.03	-	-	AVG
-	5897.783	51.62	9.92	61.54	88.34	-26.80	peak
-	5952.783	51.63	9.95	61.58	68.20	-6.62	peak
*	7333.600	43.27	4.65	47.92	74.00	-26.08	peak
*	11570.000	39.78	11.03	50.81	74.00	-23.19	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 165	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	86.24	9.50	95.74	-	-	peak
@	5825.000	76.10	9.50	85.60	-	-	AVG
-	5884.983	51.88	9.84	61.72	97.81	-36.09	peak
-	5987.883	51.81	9.89	61.70	68.20	-6.50	peak
*	7333.600	42.18	4.65	46.83	74.00	-27.17	peak
*	11650.000	38.92	10.78	49.70	74.00	-24.30	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	88.61	9.50	98.11	-	-	peak
@	5825.000	77.88	9.50	87.38	-	-	AVG
-	5887.683	51.18	9.85	61.03	95.81	-34.78	peak
-	5979.267	51.73	9.91	61.64	68.20	-6.56	peak
*	7333.600	43.68	4.65	48.33	74.00	-25.67	peak
*	11650.000	41.36	10.78	52.14	74.00	-21.86	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "* *": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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802.11ac (VHT40)

EUT Test Condition		Measurement Detail	
Channel	Channel 38	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5149.160	54.79	8.87	63.66	74.00	-10.34	peak
@	5190.000	99.35	8.81	108.16	-	-	peak
-	5149.830	42.12	8.87	50.99	54.00	-3.01	AVG
@	5190.000	90.87	8.81	99.68	-	-	AVG
*	7333.600	41.74	4.65	46.39	74.00	-27.61	peak
#	10380.000	36.67	10.12	46.79	68.20	-21.41	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5148.700	55.41	8.87	64.28	74.00	-9.72	peak
@	5190.000	100.16	8.81	108.97	-	-	peak
-	5150.000	44.44	8.87	53.31	54.00	-0.69	AVG
@	5190.000	91.56	8.81	100.37	-	-	AVG
*	7333.600	43.72	4.65	48.37	74.00	-25.63	peak
#	10380.000	37.67	10.12	47.79	68.20	-20.41	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 46	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5141.460	51.92	8.84	60.76	74.00	-13.24	peak
@	5230.000	102.90	8.51	111.41	-	-	peak
-	5148.670	39.91	8.87	48.78	54.00	-5.22	AVG
@	5230.000	93.32	8.51	101.83	-	-	AVG
*	7333.600	41.61	4.65	46.26	74.00	-27.74	peak
#	10460.000	36.19	10.39	46.58	68.20	-21.62	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5074.600	52.68	8.63	61.31	74.00	-12.69	peak
@	5230.000	103.23	8.51	111.74	-	-	peak
-	5145.380	40.58	8.86	49.44	54.00	-4.56	AVG
@	5230.000	94.08	8.51	102.59	-	-	AVG
*	7333.600	43.93	4.65	48.58	74.00	-25.42	peak
#	10460.000	37.09	10.39	47.48	68.20	-20.72	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 151	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5630.600	51.35	9.01	60.36	68.20	-7.84	peak
-	5718.983	70.02	9.16	79.18	110.52	-31.34	peak
@	5755.000	102.18	9.36	111.54	-	-	peak
@	5755.000	91.98	9.36	101.34	-	-	AVG
*	7333.600	42.53	4.65	47.18	74.00	-26.82	peak
*	11510.000	36.15	11.25	47.40	74.00	-26.60	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5631.033	52.01	9.01	61.02	68.20	-7.18	peak
-	5719.700	79.89	9.17	89.06	110.72	-21.66	peak
@	5755.000	104.21	9.36	113.57	-	-	peak
@	5755.000	94.74	9.36	104.10	-	-	AVG
*	7333.600	43.92	4.65	48.57	74.00	-25.43	peak
*	11510.000	40.82	11.25	52.07	74.00	-21.93	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. " * " : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 159	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5795.000	102.88	9.39	112.27	-	-	peak
@	5795.000	93.40	9.39	102.79	-	-	AVG
-	5858.033	51.48	9.66	61.14	109.95	-48.81	peak
-	5995.433	51.14	9.89	61.03	68.20	-7.17	peak
*	7333.600	41.63	4.65	46.28	74.00	-27.72	peak
*	11590.000	36.74	10.95	47.69	74.00	-26.31	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5795.000	104.39	9.39	113.78	-	-	peak
@	5795.000	94.56	9.39	103.95	-	-	AVG
-	5856.983	57.88	9.65	67.53	110.24	-42.71	peak
-	5931.883	51.29	9.94	61.23	68.20	-6.97	peak
*	7333.600	43.16	4.65	47.81	74.00	-26.19	peak
*	11590.000	39.04	10.95	49.99	74.00	-24.01	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "* * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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802.11ac (VHT80)

EUT Test Condition		Measurement Detail	
Channel	Channel 42	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5148.710	56.63	8.87	65.50	74.00	-8.50	peak
@	5210.000	96.72	8.69	105.41	-	-	peak
-	5142.610	42.70	8.86	51.56	54.00	-2.44	AVG
@	5210.000	86.52	8.69	95.21	-	-	AVG
*	7333.600	41.40	4.65	46.05	74.00	-27.95	peak
#	10420.000	36.80	10.26	47.06	68.20	-21.14	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5148.450	58.32	8.87	67.19	74.00	-6.81	peak
@	5210.000	97.99	8.69	106.68	-	-	peak
-	5145.510	44.67	8.86	53.53	54.00	-0.47	AVG
@	5210.000	87.58	8.69	96.27	-	-	AVG
*	7333.600	43.24	4.65	47.89	74.00	-26.11	peak
#	10420.000	36.93	10.26	47.19	68.20	-21.01	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
7. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 155	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5649.000	55.57	9.02	64.59	68.20	-3.61	peak
-	5705.233	67.66	9.07	76.73	106.67	-29.94	peak
@	5775.000	97.88	9.38	107.26	-	-	peak
@	5775.000	88.49	9.38	97.87	-	-	AVG
-	5861.500	61.58	9.69	71.27	108.98	-37.71	peak
-	5978.933	51.07	9.91	60.98	68.20	-7.22	peak
*	7333.600	41.75	4.65	46.40	74.00	-27.60	peak
*	11550.000	36.20	11.09	47.29	74.00	-26.71	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5648.850	58.34	9.02	67.36	68.20	-0.84	peak
-	5716.767	76.00	9.15	85.15	109.89	-24.74	peak
@	5775.000	101.28	9.38	110.66	-	-	peak
@	5775.000	91.64	9.38	101.02	-	-	AVG
-	5863.283	69.94	9.70	79.64	108.48	-28.84	peak
-	5930.117	50.88	9.95	60.83	68.20	-7.37	peak
*	7333.600	42.76	4.65	47.41	74.00	-26.59	peak
*	11550.000	36.37	11.09	47.46	74.00	-26.54	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "* *": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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Beamforming Mode

802.11ac (VHT20)

EUT Test Condition		Measurement Detail	
Channel	Channel 36	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5125.160	52.14	8.80	60.94	74.00	-13.06	peak
@	5180.000	98.73	8.83	107.56	-	-	peak
-	5123.690	39.76	8.81	48.57	54.00	-5.43	AVG
@	5180.000	88.68	8.83	97.51	-	-	AVG
#	6947.500	42.08	3.30	45.38	68.20	-22.82	peak
#	10360.000	36.27	10.00	46.27	68.20	-21.93	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5149.030	52.36	8.87	61.23	74.00	-12.77	peak
@	5180.000	98.43	8.83	107.26	-	-	peak
-	5110.960	39.73	8.77	48.50	54.00	-5.50	AVG
@	5180.000	88.92	8.83	97.75	-	-	AVG
#	6947.500	42.21	3.30	45.51	68.20	-22.69	peak
#	10360.000	36.80	10.00	46.80	68.20	-21.40	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 44	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5087.340	52.19	8.69	60.88	74.00	-13.12	peak
@	5220.000	96.91	8.60	105.51	-	-	peak
-	5134.580	39.68	8.83	48.51	54.00	-5.49	AVG
@	5220.000	88.27	8.60	96.87	-	-	AVG
#	6946.200	41.73	3.28	45.01	68.20	-23.19	peak
#	10440.000	35.62	10.28	45.90	68.20	-22.30	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5110.750	51.51	8.77	60.28	74.00	-13.72	peak
@	5220.000	98.19	8.60	106.79	-	-	peak
-	5119.400	39.73	8.80	48.53	54.00	-5.47	AVG
@	5220.000	88.47	8.60	97.07	-	-	AVG
#	6946.200	42.96	3.28	46.24	68.20	-21.96	peak
#	10440.000	35.97	10.28	46.25	68.20	-21.95	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. "# " : The radiated frequency is out of the restricted band.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 48	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5096.370	51.92	8.73	60.65	74.00	-13.35	peak
@	5240.000	96.93	8.41	105.34	-	-	peak
-	5144.930	39.65	8.86	48.51	54.00	-5.49	AVG
@	5240.000	87.07	8.41	95.48	-	-	AVG
#	6946.200	42.80	3.28	46.08	68.20	-22.12	peak
#	10480.000	35.49	10.41	45.90	68.20	-22.30	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5140.930	52.08	8.84	60.92	74.00	-13.08	peak
@	5240.000	97.91	8.41	106.32	-	-	peak
-	5096.960	39.73	8.74	48.47	54.00	-5.53	AVG
@	5240.000	88.17	8.41	96.58	-	-	AVG
#	6946.200	43.54	3.28	46.82	68.20	-21.38	peak
#	10480.000	35.43	10.41	45.84	68.20	-22.36	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. " # " : The radiated frequency is out of the restricted band.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 149	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5639.850	51.75	9.02	60.77	68.20	-7.43	peak
-	5719.483	59.61	9.17	68.78	110.66	-41.88	peak
@	5745.000	103.09	9.34	112.43	-	-	peak
@	5745.000	93.22	9.34	102.56	-	-	AVG
*	7659.900	42.46	4.64	47.10	74.00	-26.90	peak
*	11490.000	37.35	11.25	48.60	74.00	-25.40	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5647.000	52.92	9.02	61.94	68.20	-6.26	peak
-	5720.533	67.86	9.17	77.03	112.02	-34.99	peak
@	5745.000	104.77	9.34	114.11	-	-	peak
@	5745.000	95.64	9.34	104.98	-	-	AVG
*	7659.900	44.04	4.64	48.68	74.00	-25.32	peak
*	11490.000	39.17	11.25	50.42	74.00	-23.58	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@" : Fundamental Frequency.
5. " * " : The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 157	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5600.100	51.40	9.00	60.40	68.20	-7.80	peak
-	5715.500	52.59	9.14	61.73	109.54	-47.81	peak
@	5785.000	103.80	9.38	113.18	-	-	peak
@	5785.000	92.99	9.38	102.37	-	-	AVG
-	5916.350	50.35	9.94	60.29	74.60	-14.31	peak
-	5931.717	50.80	9.95	60.75	68.20	-7.45	peak
*	7713.200	41.80	4.68	46.48	74.00	-27.52	peak
*	11570.000	37.26	11.03	48.29	74.00	-25.71	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5556.967	52.63	8.98	61.61	68.20	-6.59	peak
-	5719.733	55.17	9.17	64.34	110.73	-46.39	peak
@	5785.000	104.62	9.38	114.00	-	-	peak
@	5785.000	95.14	9.38	104.52	-	-	AVG
-	5861.200	50.73	9.69	60.42	109.06	-48.64	peak
-	5951.450	50.78	9.96	60.74	68.20	-7.46	peak
*	7713.200	43.82	4.68	48.50	74.00	-25.50	peak
*	11570.000	38.68	11.03	49.71	74.00	-24.29	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 165	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	103.71	9.50	113.21	-	-	peak
@	5825.000	92.96	9.50	102.46	-	-	AVG
-	5857.767	54.98	9.66	64.64	110.03	-45.39	peak
-	5969.450	50.39	9.93	60.32	68.20	-7.88	peak
*	11650.000	36.25	10.78	47.03	74.00	-26.97	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5825.000	104.99	9.50	114.49	-	-	peak
@	5825.000	94.67	9.50	104.17	-	-	AVG
-	5856.267	61.22	9.65	70.87	110.45	-39.58	peak
-	5988.683	50.59	9.89	60.48	68.20	-7.72	peak
*	7766.500	42.30	4.82	47.12	74.00	-26.88	peak
*	11650.000	39.57	10.78	50.35	74.00	-23.65	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "* * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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802.11ac (VHT40)

EUT Test Condition		Measurement Detail	
Channel	Channel 38	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5148.760	52.96	8.87	61.83	74.00	-12.17	peak
@	5190.000	95.87	8.81	104.68	-	-	peak
-	5100.300	40.01	8.74	48.75	54.00	-5.25	AVG
@	5190.000	85.88	8.81	94.69	-	-	AVG
#	10380.000	37.51	10.12	47.63	68.20	-20.57	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5144.460	55.87	8.86	64.73	74.00	-9.27	peak
@	5190.000	97.24	8.81	106.05	-	-	peak
-	5149.530	39.84	8.87	48.71	54.00	-5.29	peak
@	5190.000	86.41	8.81	95.22	-	-	peak
#	10380.000	37.38	10.12	47.50	68.20	-20.70	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 46	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5075.630	52.27	8.63	60.90	74.00	-13.10	peak
@	5230.000	93.46	8.51	101.97	-	-	peak
-	5092.740	39.78	8.71	48.49	54.00	-5.51	AVG
@	5230.000	84.68	8.51	93.19	-	-	AVG
#	10460.000	37.01	10.39	47.40	68.20	-20.80	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5114.640	52.11	8.78	60.89	74.00	-13.11	peak
@	5230.000	95.67	8.51	104.18	-	-	peak
-	5117.490	39.70	8.78	48.48	54.00	-5.52	AVG
@	5230.000	85.05	8.51	93.56	-	-	AVG
#	10460.000	36.86	10.39	47.25	68.20	-20.95	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. The other emission levels were very low against the limit.

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Doc No: 17-EM-F0878 / 5.0



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FCC ID : VGYAP1000C

EUT Test Condition		Measurement Detail	
Channel	Channel 151	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5641.983	51.25	9.02	60.27	68.20	-7.93	peak
-	5717.333	74.00	9.15	83.15	110.05	-26.90	peak
@	5755.000	100.13	9.36	109.49	-	-	peak
@	5755.000	91.04	9.36	100.40	-	-	AVG
*	7672.900	41.80	4.65	46.45	74.00	-27.55	peak
*	11510.000	36.39	11.25	47.64	74.00	-26.36	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5645.800	51.86	9.02	60.88	68.20	-7.32	peak
-	5720.983	80.62	9.18	89.80	113.04	-23.24	peak
@	5755.000	104.07	9.36	113.43	-	-	peak
@	5755.000	94.32	9.36	103.68	-	-	AVG
*	7672.900	43.47	4.65	48.12	74.00	-25.88	peak
*	11510.000	37.43	11.25	48.68	74.00	-25.32	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "* * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 159	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5795.000	102.91	9.39	112.30	-	-	peak
@	5795.000	93.36	9.39	102.75	-	-	AVG
-	5856.917	56.21	9.65	65.86	110.26	-44.40	peak
-	5995.650	51.61	9.89	61.50	68.20	-6.70	peak
*	7727.500	41.17	4.70	45.87	74.00	-28.13	peak
*	11590.000	36.56	10.95	47.51	74.00	-26.49	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
@	5795.000	105.22	9.39	114.61	-	-	peak
@	5795.000	95.56	9.39	104.95	-	-	AVG
-	5861.383	62.08	9.69	71.77	109.01	-37.24	peak
-	5938.383	51.68	9.95	61.63	68.20	-6.57	peak
*	7726.200	43.53	4.70	48.23	74.00	-25.77	peak
*	11590.000	39.97	10.95	50.92	74.00	-23.08	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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802.11ac (VHT80)

EUT Test Condition		Measurement Detail	
Channel	Channel 42	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5139.150	53.61	8.84	62.45	74.00	-11.55	peak
@	5210.000	94.06	8.69	102.75	-	-	peak
-	5148.960	41.82	8.87	50.69	54.00	-3.31	AVG
@	5210.000	84.16	8.69	92.85	-	-	AVG
#	10420.000	37.01	10.26	47.27	68.20	-20.93	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5147.820	57.88	8.87	66.75	74.00	-7.25	peak
@	5210.000	93.04	8.69	101.73	-	-	peak
-	5149.580	42.36	8.87	51.23	54.00	-2.77	AVG
@	5210.000	84.24	8.69	92.93	-	-	AVG
#	10420.000	36.38	10.26	46.64	68.20	-21.56	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "#": The radiated frequency is out of the restricted band.
6. The other emission levels were very low against the limit.

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Doc No: 17-EM-F0878 / 5.0



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EUT Test Condition		Measurement Detail	
Channel	Channel 155	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5645.733	56.26	9.02	65.28	68.20	-2.92	peak
-	5719.083	73.49	9.16	82.65	110.54	-27.89	peak
@	5775.000	101.73	9.38	111.11	-	-	peak
@	5775.000	91.95	9.38	101.33	-	-	AVG
-	5862.033	64.52	9.69	74.21	108.83	-34.62	peak
-	5966.000	50.94	9.94	60.88	68.20	-7.32	peak
*	7700.200	41.90	4.67	46.57	74.00	-27.43	peak
*	11550.000	36.15	11.09	47.24	74.00	-26.76	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	5648.700	57.65	9.02	66.67	68.20	-1.53	peak
-	5711.550	74.41	9.11	83.52	108.43	-24.91	peak
@	5775.000	102.09	9.38	111.47	-	-	peak
@	5775.000	91.59	9.38	100.97	-	-	AVG
-	5856.967	67.69	9.65	77.34	110.25	-32.91	peak
-	5930.833	53.56	9.95	63.51	68.20	-4.69	peak
*	7700.200	43.58	4.67	48.25	74.00	-25.75	peak
*	11550.000	37.93	11.09	49.02	74.00	-24.98	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "*": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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Doc No: 17-EM-F0878 / 5.0



Co-Location Mode

802.11b + 802.11a

EUT Test Condition		Measurement Detail	
Channel	Channel 6 + Channel 48 + Channel 149	Frequency Range	1 GHz ~ 40 GHz

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	2804.400	65.77	-6.17	59.60	74.00	-14.40	peak
*	4874.000	50.12	-1.95	48.17	74.00	-25.83	peak
#	6249.400	50.98	0.62	51.60	74.00	-22.40	peak
*	7310.200	50.15	4.55	54.70	74.00	-19.30	peak
#	10480.000	34.31	10.41	44.72	74.00	-29.28	peak
*	11490.000	36.27	11.17	47.44	74.00	-26.56	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	2800.500	65.80	-6.19	59.61	74.00	-14.39	peak
*	4874.000	54.79	-1.95	52.84	74.00	-21.16	peak
*	7312.800	50.12	4.57	54.69	74.00	-19.31	peak
#	9749.000	43.45	9.12	52.57	74.00	-21.43	peak
#	10480.000	34.80	10.41	45.21	74.00	-28.79	peak
*	11490.000	41.19	11.17	52.36	74.00	-21.64	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " # ": The radiated frequency is out of the restricted band.
5. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

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9 kHz ~ 30 MHz Data

For 9 kHz to 30 MHz radiated emission have performed all modes of operation were investigated. The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

No non-compliance noted:

KDB 414788 D01 OATS and Chamber Correlation Justification

- Base on FCC 15.31 (f) (2): measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field.

- OATs and chamber correlation testing had been performed and chamber measured test results is the worst case test result.

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30m open area test site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field based on KDB 414788.

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Doc No: 17-EM-F0878 / 5.0



Model: VigorAP 1000

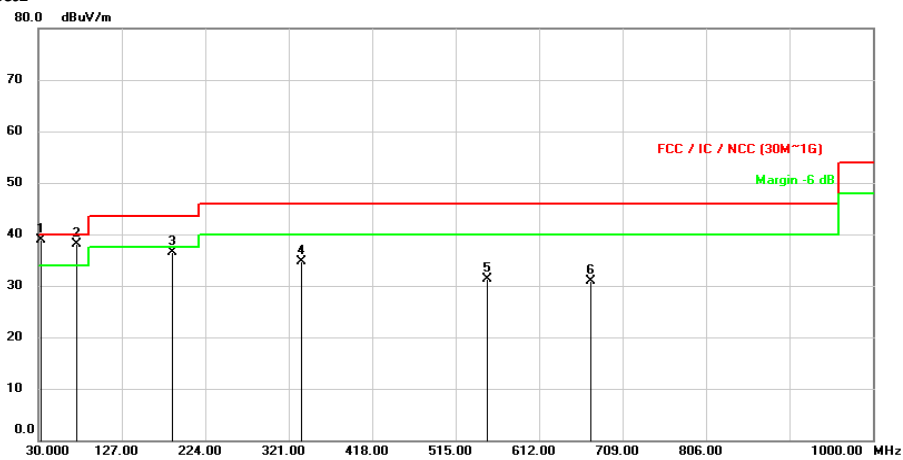
30 MHz ~ 1 GHz Data

Non-Beamforming Mode

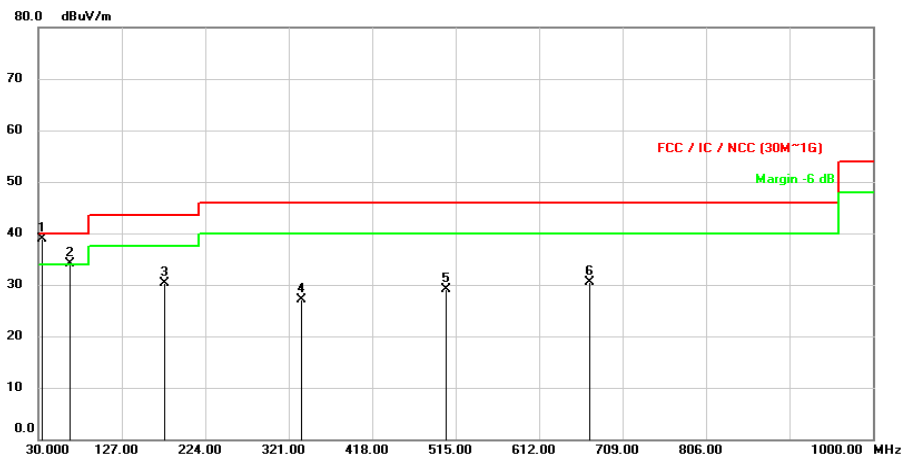
802.11ac (VHT40)

EUT Test Condition		Measurement Detail	
Channel	Channel 46	Frequency Range	30 MHz ~ 1 GHz

Horizontal



Vertical



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Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	32.9100	60.24	-21.36	38.88	40.00	-1.12	peak
-	73.6822	62.08	-24.00	38.08	40.00	-1.92	peak
-	185.7496	58.34	-21.74	36.60	43.50	-6.90	peak
-	335.1296	53.47	-18.84	34.63	46.00	-11.37	peak
-	552.0216	44.58	-13.36	31.22	46.00	-14.78	peak
-	672.4310	42.61	-11.71	30.90	46.00	-15.10	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	34.2680	60.41	-21.56	38.85	40.00	-1.15	peak
-	66.7306	56.43	-22.42	34.01	40.00	-5.99	peak
-	176.4700	51.42	-21.06	30.36	43.50	-13.14	peak
-	336.0350	45.92	-18.82	27.10	46.00	-18.90	peak
-	504.0066	43.77	-14.63	29.14	46.00	-16.86	peak
-	670.6203	42.28	-11.73	30.55	46.00	-15.45	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. The peak result complies with QP limit, QP result is deemed to comply with QP limit.
5. The other emission levels were very low against the limit.

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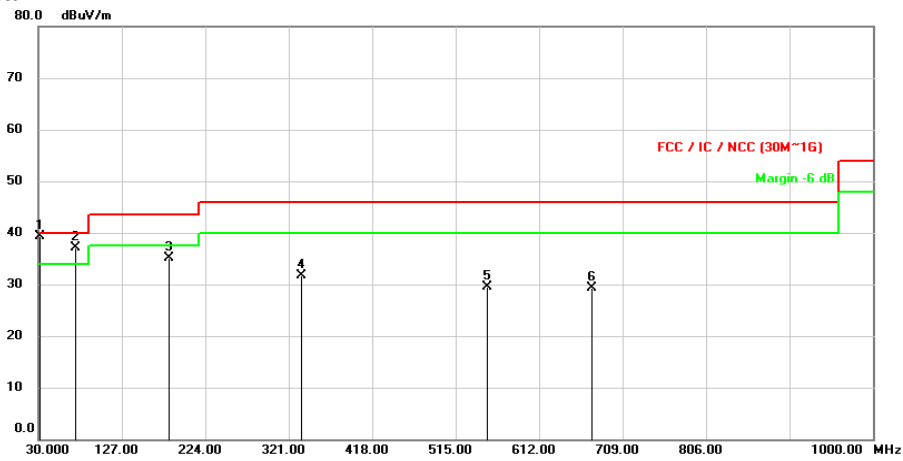


Beamforming Mode

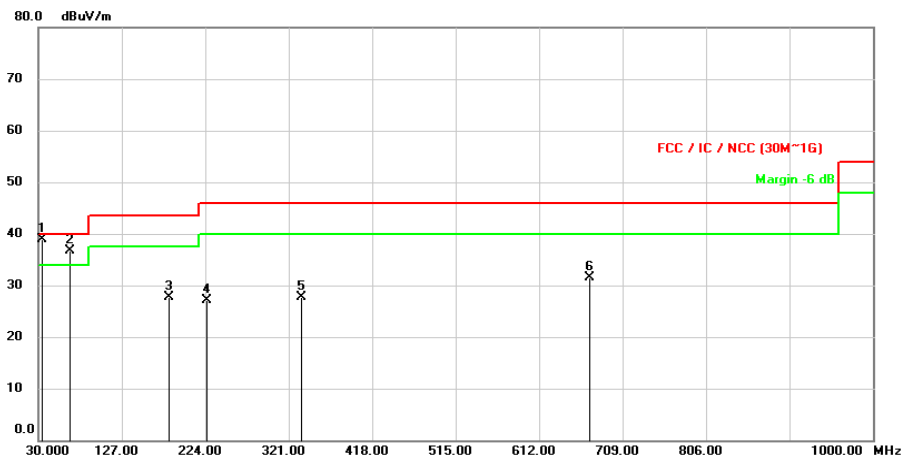
802.11ac (VHT40)

EUT Test Condition		Measurement Detail	
Channel	Channel 38	Frequency Range	30 MHz ~ 1 GHz

Horizontal



Vertical



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Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	32.2633	60.79	-21.56	39.23	40.00	-0.77	peak
-	74.1350	61.26	-24.13	37.13	40.00	-2.87	peak
-	181.7726	56.64	-21.46	35.18	43.50	-8.32	peak
-	335.7440	50.50	-18.83	31.67	46.00	-14.33	peak
-	552.0216	42.94	-13.36	29.58	46.00	-16.42	peak
-	673.3686	40.99	-11.71	29.28	46.00	-16.72	peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	34.3973	60.48	-21.59	38.89	40.00	-1.11	peak
-	67.5066	59.13	-22.49	36.64	40.00	-3.36	peak
-	181.4816	49.16	-21.44	27.72	43.50	-15.78	peak
-	226.7483	49.72	-22.56	27.16	46.00	-18.84	peak
-	336.2289	46.57	-18.82	27.75	46.00	-18.25	peak
-	670.3940	43.32	-11.73	31.59	46.00	-14.41	peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. The peak result complies with QP limit, QP result is deemed to comply with QP limit.
5. The other emission levels were very low against the limit.

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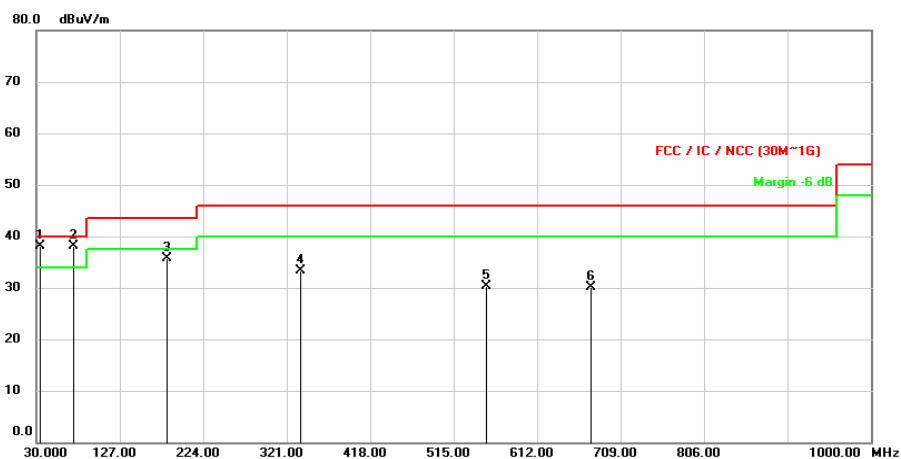


Co-Location Mode

802.11b + 802.11ac (VHT20)

EUT Test Condition		Measurement Detail	
Channel	Channel 6 + Channel 48 + Channel 165	Frequency Range	30 MHz ~ 1 GHz

Horizontal



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