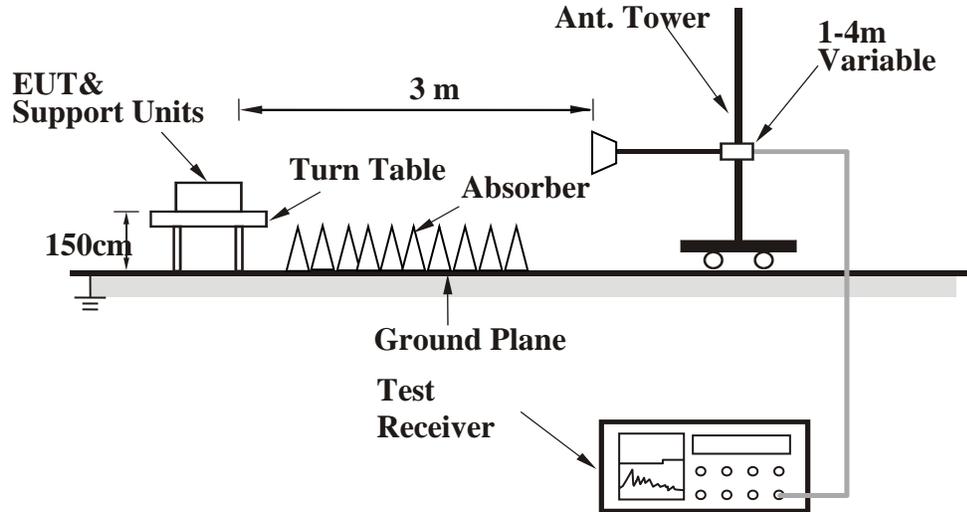




<Frequency Range above 1 GHz>



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

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Test Data

Above 1GHz Data

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)	
-	5150	43.31	14.57	57.88	74	-16.12	Peak
@	5180	91.28	14.55	105.83	-	-	Peak
-	5149.7	31.35	14.57	45.92	54	-8.08	Average
@	5180	82.93	14.55	97.48	-	-	Average
-	10360	31.61	18.92	50.53	68.2	-17.67	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)	
-	5080.7	41.8	14.29	56.09	74	-17.91	Peak
@	5180	84.08	14.55	98.63	-	-	Peak
-	5126	30.39	14.49	44.88	54	-9.12	Average
@	5180	75.89	14.55	90.44	-	-	Average
-	10360	31.81	18.92	50.73	68.2	-17.47	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 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)	
-	5133.5	41.7	14.52	56.22	74	-17.78	Peak
@	5220	91.22	14.36	105.58	-	-	Peak
-	5112.5	29.94	14.45	44.39	54	-9.61	Average
@	5220	81.88	14.36	96.24	-	-	Average
-	10440	31.76	19.23	50.99	68.2	-17.21	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)	
-	5094.5	41.85	14.38	56.23	74	-17.77	Peak
@	5220	84.72	14.36	99.08	-	-	Peak
-	5111.3	29.95	14.43	44.38	54	-9.62	Average
@	5220	74.24	14.36	88.6	-	-	Average
-	10440	30.75	19.23	49.98	68.2	-18.22	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 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)	
-	5071.1	42.22	14.25	56.47	74	-17.53	Peak
@	5240	91.3	14.18	105.48	-	-	Peak
-	5096	29.93	14.38	44.31	54	-9.69	Average
@	5240	80.67	14.18	94.85	-	-	Average
-	10480	29.57	19.37	48.94	68.2	-19.26	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)	
-	5119.1	42.17	14.47	56.64	74	-17.36	Peak
@	5240	84.15	14.18	98.33	-	-	Peak
-	5097.8	29.97	14.39	44.36	54	-9.64	Average
@	5240	73.48	14.18	87.66	-	-	Average
-	10480	30.35	19.37	49.72	68.2	-18.48	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 other emission levels were very low against the limit.

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Doc No: 17-EM-F0878 / 5.0



EUT Test Condition		Measurement Detail	
Channel	Channel 52	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)	
@	5260	91	14.1	105.1	-	-	Peak
-	5357.4	40.64	14.28	54.92	74	-19.08	Peak
@	5260	81.34	14.1	95.44	-	-	Average
-	5457.6	27.89	14.78	42.67	54	-11.33	Average
-	10520	30.13	19.45	49.58	68.2	-18.62	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)	
@	5260	84.4	14.1	98.5	-	-	Peak
-	5440.2	40.27	14.72	54.99	74	-19.01	Peak
@	5260	74.46	14.1	88.56	-	-	Average
-	5459.7	27.96	14.78	42.74	54	-11.26	Average
-	10520	30.64	19.45	50.09	68.2	-18.11	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 other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 60	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)	
@	5300	90.67	14.06	104.73	-	-	Peak
-	5452.8	39.73	14.77	54.5	74	-19.5	Peak
@	5300	80.82	14.06	94.88	-	-	Average
-	5459.7	28.03	14.78	42.81	54	-11.19	Average
*	10600	30.08	19.42	49.5	68.2	-18.7	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)	
@	5300	82.74	14.06	96.8	-	-	Peak
-	5427.3	39.79	14.67	54.46	74	-19.54	Peak
@	5300	72.53	14.06	86.59	-	-	Average
-	5460	28.18	14.78	42.96	54	-11.04	Average
*	10600	30.59	19.42	50.01	68.2	-18.19	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 64	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)	
@	5320	90.3	14.13	104.43	-	-	Peak
-	5450.7	39.85	14.75	54.6	74	-19.4	Peak
@	5320	81.07	14.13	95.2	-	-	Average
-	5350.2	28.9	14.23	43.13	54	-10.87	Average
*	10640	30.39	19.52	49.91	74	-24.09	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)	
@	5320	83.49	14.13	97.62	-	-	Peak
-	5355.3	39.72	14.27	53.99	74	-20.01	Peak
@	5320	74.01	14.13	88.14	-	-	Average
-	5452.8	27.95	14.77	42.72	54	-11.28	Average
*	10640	31.68	19.52	51.2	74	-22.8	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 100	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)	
-	5438.85	39.98	14.72	54.7	74	-19.3	Peak
-	5468.95	40.22	14.81	55.03	68.2	-13.17	Peak
@	5500	81.36	14.91	96.27	-	-	Average
@	5500	90.48	14.91	105.39	-	-	Peak
*	11000	30.1	20.37	50.47	74	-23.53	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)	
-	5405.6	39.18	14.6	53.78	74	-20.22	Peak
-	5461.25	39.05	14.78	53.83	68.2	-14.37	Peak
@	5500	73.51	14.91	88.42	-	-	Average
@	5500	82.48	14.91	97.39	-	-	Peak
*	11000	30.13	20.37	50.5	74	-23.5	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 116	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)	
-	5430.1	40.14	14.68	54.82	74	-19.18	Peak
-	5463	39.68	14.79	54.47	68.2	-13.73	Peak
@	5580	81.39	15.04	96.43	-	-	Average
@	5580	90.04	15.04	105.08	-	-	Peak
-	5736.7	40.94	15.5	56.44	68.2	-11.76	Peak
*	11160	30	20.28	50.28	74	-23.72	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)	
-	5430.45	40.05	14.68	54.73	74	-19.27	Peak
-	5468.25	40	14.81	54.81	68.2	-13.39	Peak
@	5580	75.65	15.04	90.69	-	-	Average
@	5580	84.95	15.04	99.99	-	-	Peak
-	5726.55	40.05	15.42	55.47	68.2	-12.73	Peak
*	11160	29.65	20.28	49.93	74	-24.07	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 140	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)	
@	5700	78.96	15.22	94.18	-	-	Average
@	5700	88.18	15.22	103.4	-	-	Peak
-	5741.6	40.74	15.54	56.28	68.2	-11.92	Peak
*	11400	29.93	20.5	50.43	74	-23.57	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)	
@	5700	72.06	15.22	87.28	-	-	Average
@	5700	81.29	15.22	96.51	-	-	Peak
-	5730.05	41.1	15.45	56.55	68.2	-11.65	Peak
*	11400	29.96	20.5	50.46	74	-23.54	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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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)	
-	5632.5	40.75	15.12	55.87	68.2	-12.33	Peak
-	5724.5	45.32	15.41	60.73	121.06	-60.33	Peak
@	5745	78.32	15.57	93.89	-	-	Average
@	5745	88	15.57	103.57	-	-	Peak
*	11490	30.13	20.73	50.86	74	-23.14	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)	
-	5593.5	41	15.05	56.05	68.2	-12.15	Peak
-	5712.5	41.74	15.32	57.06	108.7	-51.64	Peak
@	5745	73.71	15.57	89.28	-	-	Average
@	5745	83.04	15.57	98.61	-	-	Peak
*	11490	30.24	20.73	50.97	74	-23.03	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)	
-	5555.5	41.34	15	56.34	68.2	-11.86	Peak
-	5724	40.31	15.4	55.71	119.92	-64.21	Peak
@	5785	78.24	15.65	93.89	-	-	Average
@	5785	87.07	15.65	102.72	-	-	Peak
-	5913.5	40.41	16.35	56.76	76.68	-19.92	Peak
-	5927.5	40.71	16.36	57.07	68.2	-11.13	Peak
*	11570	30.33	20.51	50.84	74	-23.16	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)	
-	5620	41.32	15.1	56.42	68.2	-11.78	Peak
-	5713	40.66	15.32	55.98	108.84	-52.86	Peak
@	5785	72.5	15.65	88.15	-	-	Average
@	5785	83.13	15.65	98.78	-	-	Peak
-	5883	40.47	16.2	56.67	99.26	-42.59	Peak
-	5945.5	40.71	16.39	57.1	68.2	-11.1	Peak
*	11570	29.24	20.51	49.75	74	-24.25	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 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	77.69	15.81	93.5	-	-	Average
@	5825	86.74	15.81	102.55	-	-	Peak
-	5923	41.66	16.35	58.01	69.67	-11.66	Peak
-	5984.5	40.32	16.37	56.69	68.2	-11.51	Peak
*	11650	29.81	20.28	50.09	74	-23.91	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	73.1	15.81	88.91	-	-	Average
@	5825	82.7	15.81	98.51	-	-	Peak
-	5912.5	41.24	16.35	57.59	77.42	-19.83	Peak
-	5948	40.91	16.39	57.3	68.2	-10.9	Peak
*	11650	29.93	20.28	50.21	74	-23.79	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



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)	
-	5148.5	42.83	14.57	57.4	74	-16.6	Peak
@	5180	90.86	14.55	105.41	-	-	Peak
-	5150	30.48	14.57	45.05	54	-8.95	Average
@	5180	83.16	14.55	97.71	-	-	Average
-	10360	30.66	18.92	49.58	68.2	-18.62	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)	
-	5109.8	42.01	14.43	56.44	74	-17.56	Peak
@	5180	83.7	14.55	98.25	-	-	Peak
-	5099.3	30.17	14.41	44.58	54	-9.42	Average
@	5180	76.22	14.55	90.77	-	-	Average
-	10360	31.59	18.92	50.51	68.2	-17.69	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 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)	
-	5036.3	42.45	14.07	56.52	74	-17.48	Peak
@	5220	90.05	14.36	104.41	-	-	Peak
-	5116.7	30.02	14.45	44.47	54	-9.53	Average
@	5220	80.9	14.36	95.26	-	-	Average
-	10440	30.79	19.23	50.02	68.2	-18.18	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)	
-	5098.4	42	14.39	56.39	74	-17.61	Peak
@	5220	84.63	14.36	98.99	-	-	Peak
-	5108	30.05	14.44	44.49	54	-9.51	Average
@	5220	75.64	14.36	90	-	-	Average
-	10440	31.59	19.23	50.82	68.2	-17.38	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 other emission levels were very low against the limit.

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Doc No: 17-EM-F0878 / 5.0



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)	
-	5095.4	42.15	14.38	56.53	74	-17.47	Peak
@	5240	89.17	14.18	103.35	-	-	Peak
-	5124.8	30.03	14.49	44.52	54	-9.48	Average
@	5240	80.91	14.18	95.09	-	-	Average
-	10480	31.51	19.37	50.88	68.2	-17.32	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)	
-	5047.4	42.15	14.12	56.27	74	-17.73	Peak
@	5240	84	14.18	98.18	-	-	Peak
-	5123	29.89	14.48	44.37	54	-9.63	Average
@	5240	74.62	14.18	88.8	-	-	Average
-	10480	30.85	19.37	50.22	68.2	-17.98	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 other emission levels were very low against the limit.

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Doc No: 17-EM-F0878 / 5.0



EUT Test Condition		Measurement Detail	
Channel	Channel 52	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)	
@	5260	92.31	14.1	106.41	-	-	Peak
-	5447.4	40.32	14.74	55.06	74	-18.94	Peak
@	5260	83.21	14.1	97.31	-	-	Average
-	5453.1	28.03	14.77	42.8	54	-11.2	Average
-	10520	30.19	19.45	49.64	68.2	-18.56	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)	
@	5260	84.27	14.1	98.37	-	-	Peak
-	5377.2	40.87	14.42	55.29	74	-18.71	Peak
@	5260	76.22	14.1	90.32	-	-	Average
-	5459.7	27.9	14.78	42.68	54	-11.32	Average
-	10520	30.38	19.45	49.83	68.2	-18.37	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 other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 60	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)	
@	5300	91.77	14.06	105.83	-	-	Peak
-	5451.9	39.8	14.76	54.56	74	-19.44	Peak
@	5300	82.37	14.06	96.43	-	-	Average
-	5456.7	28.11	14.76	42.87	54	-11.13	Average
*	10600	30.04	19.42	49.46	68.2	-18.74	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)	
@	5300	82.82	14.06	96.88	-	-	Peak
-	5421.9	40.34	14.65	54.99	74	-19.01	Peak
@	5300	73.64	14.06	87.7	-	-	Average
-	5451.9	27.94	14.76	42.7	54	-11.3	Average
*	10600	30.4	19.42	49.82	68.2	-18.38	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 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 64	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)	
@	5320	92.17	14.13	106.3	-	-	Peak
-	5440.2	40.4	14.72	55.12	74	-18.88	Peak
@	5320	82.22	14.13	96.35	-	-	Average
-	5456.7	28.13	14.76	42.89	54	-11.11	Average
*	10640	30.23	19.52	49.75	74	-24.25	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)	
@	5320	83.9	14.13	98.03	-	-	Peak
-	5455.8	40.27	14.76	55.03	74	-18.97	Peak
@	5320	74.96	14.13	89.09	-	-	Average
-	5459.7	28	14.78	42.78	54	-11.22	Average
*	10640	30.51	19.52	50.03	74	-23.97	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 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



EUT Test Condition		Measurement Detail	
Channel	Channel 100	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)	
-	5409.1	39.15	14.62	53.77	74	-20.23	Peak
-	5465.1	39.88	14.8	54.68	68.2	-13.52	Peak
@	5500	83.33	14.91	98.24	-	-	Average
@	5500	92.08	14.91	106.99	-	-	Peak
*	11000	30.6	20.37	50.97	74	-23.03	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)	
-	5427.65	39.22	14.68	53.9	74	-20.1	Peak
-	5465.8	39.35	14.8	54.15	68.2	-14.05	Peak
@	5500	74.73	14.91	89.64	-	-	Average
@	5500	83.39	14.91	98.3	-	-	Peak
*	11000	30.14	20.37	50.51	74	-23.49	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 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 116	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)	
-	5450.05	40.85	14.75	55.6	74	-18.4	Peak
-	5467.9	40.04	14.81	54.85	68.2	-13.35	Peak
@	5580	82.69	15.04	97.73	-	-	Average
@	5580	92.59	15.04	107.63	-	-	Peak
-	5742.65	40.61	15.55	56.16	68.2	-12.04	Peak
*	11160	31.04	20.28	51.32	74	-22.68	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)	
-	5410.5	39.62	14.62	54.24	74	-19.76	Peak
-	5470	40.29	14.81	55.1	68.2	-13.1	Peak
@	5580	73.59	15.04	88.63	-	-	Average
@	5580	83.38	15.04	98.42	-	-	Peak
-	5736.7	40.3	15.5	55.8	68.2	-12.4	Peak
*	11160	30.06	20.28	50.34	74	-23.66	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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EUT Test Condition		Measurement Detail	
Channel	Channel 140	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)	
@	5700	80.4	15.22	95.62	-	-	Average
@	5700	90	15.22	105.22	-	-	Peak
-	5749.3	41.53	15.6	57.13	68.2	-11.07	Peak
*	11400	29.18	20.5	49.68	74	-24.32	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)	
@	5700	75.09	15.22	90.31	-	-	Average
@	5700	84.74	15.22	99.96	-	-	Peak
-	5727.95	41.39	15.44	56.83	68.2	-11.37	Peak
*	11400	29.47	20.5	49.97	74	-24.03	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 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)	
-	5590	41.06	15.05	56.11	68.2	-12.09	Peak
-	5723	42.08	15.4	57.48	117.64	-60.16	Peak
@	5745	77.93	15.57	93.5	-	-	Average
@	5745	87.92	15.57	103.49	-	-	Peak
*	11490	29.76	20.73	50.49	74	-23.51	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)	
-	5635.5	40.29	15.13	55.42	68.2	-12.78	Peak
-	5688.5	40.61	15.21	55.82	96.72	-40.9	Peak
@	5745	71.39	15.57	86.96	-	-	Average
@	5745	83	15.57	98.57	-	-	Peak
*	11490	29.29	20.73	50.02	74	-23.98	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



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)	
-	5638	40.38	15.13	55.51	68.2	-12.69	Peak
-	5720.5	41.29	15.37	56.66	111.94	-55.28	Peak
@	5785	78.65	15.65	94.3	-	-	Average
@	5785	88.25	15.65	103.9	-	-	Peak
-	5857.5	41.03	16.01	57.04	110.1	-53.06	Peak
-	5971	41.45	16.39	57.84	68.2	-10.36	Peak
*	11570	29.74	20.51	50.25	74	-23.75	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	41	15.05	56.05	68.2	-12.15	Peak
-	5660.5	40.68	15.16	55.84	76	-20.16	Peak
@	5785	74.07	15.65	89.72	-	-	Average
@	5785	83.35	15.65	99	-	-	Peak
-	5879	42.13	16.16	58.29	102.23	-43.94	Peak
-	5934.5	41.2	16.37	57.57	68.2	-10.63	Peak
*	11570	30.73	20.51	51.24	74	-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 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



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	77.25	15.81	93.06	-	-	Average
@	5825	86.9	15.81	102.71	-	-	Peak
-	5911.5	41.13	16.34	57.47	78.16	-20.69	Peak
-	5978	41.07	16.37	57.44	68.2	-10.76	Peak
*	11650	29.6	20.28	49.88	74	-24.12	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	71.07	15.81	86.88	-	-	Average
@	5825	80.39	15.81	96.2	-	-	Peak
-	5925	41.29	16.36	57.65	68.2	-10.55	Peak
-	5944	40.85	16.39	57.24	68.2	-10.96	Peak
*	11650	29.83	20.28	50.11	74	-23.89	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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Doc No: 17-EM-F0878 / 5.0



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)	
-	5149.1	45.42	14.57	59.99	74	-14.01	Peak
@	5190	89.3	14.54	103.84	-	-	Peak
-	5149.7	35.27	14.57	49.84	54	-4.16	Average
@	5190	78.89	14.54	93.43	-	-	Average
-	10380	30.47	18.99	49.46	68.2	-18.74	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)	
-	5095.7	42.8	14.38	57.18	74	-16.82	Peak
@	5190	83.77	14.54	98.31	-	-	Peak
-	5150	31.09	14.57	45.66	54	-8.34	Average
@	5190	73.62	14.54	88.16	-	-	Average
-	10380	30.98	18.99	49.97	68.2	-18.23	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 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)	
-	5084.3	42.81	14.32	57.13	74	-16.87	Peak
@	5230	88.09	14.28	102.37	-	-	Peak
-	5117	30.37	14.45	44.82	54	-9.18	Average
@	5230	80.33	14.28	94.61	-	-	Average
-	10460	30.58	19.29	49.87	68.2	-18.33	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)	
-	5095.1	42.52	14.38	56.9	74	-17.1	Peak
@	5230	83.38	14.28	97.66	-	-	Peak
-	5106.8	30.33	14.43	44.76	54	-9.24	Average
@	5230	74.22	14.28	88.5	-	-	Average
-	10460	30.64	19.29	49.93	68.2	-18.27	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 other emission levels were very low against the limit.

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Doc No: 17-EM-F0878 / 5.0



EUT Test Condition		Measurement Detail	
Channel	Channel 54	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)	
@	5270	87.98	14.08	102.06	-	-	Peak
-	5450.7	39.7	14.75	54.45	74	-19.55	Peak
@	5270	80.59	14.08	94.67	-	-	Average
-	5453.4	28.12	14.76	42.88	54	-11.12	Average
-	10540	30.04	19.43	49.47	68.2	-18.73	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)	
@	5270	82.13	14.08	96.21	-	-	Peak
-	5458.8	40.05	14.78	54.83	74	-19.17	Peak
@	5270	74.08	14.08	88.16	-	-	Average
-	5459.1	28.1	14.78	42.88	54	-11.12	Average
-	10540	30.13	19.43	49.56	68.2	-18.64	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. "@": Fundamental Frequency.
5. The other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 62	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)	
@	5310	85.64	14.09	99.73	-	-	Peak
-	5424.3	39.96	14.66	54.62	74	-19.38	Peak
@	5310	76.82	14.09	90.91	-	-	Average
-	5350.2	30.52	14.23	44.75	54	-9.25	Average
*	10620	31.23	19.47	50.7	74	-23.3	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)	
@	5310	77.49	14.09	91.58	-	-	Peak
-	5384.4	40.82	14.48	55.3	74	-18.7	Peak
@	5310	70.2	14.09	84.29	-	-	Average
-	5352.9	28.59	14.25	42.84	54	-11.16	Average
*	10620	29.99	19.47	49.46	74	-24.54	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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EUT Test Condition		Measurement Detail	
Channel	Channel 102	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)	
-	5437.1	39.81	14.7	54.51	74	-19.49	Peak
-	5467.9	41.11	14.81	55.92	68.2	-12.28	Peak
@	5510	78.35	14.93	93.28	-	-	Average
@	5510	87.8	14.93	102.73	-	-	Peak
*	11020	31.5	20.38	51.88	74	-22.12	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)	
-	5438.5	41.04	14.72	55.76	74	-18.24	Peak
-	5462.65	39.27	14.79	54.06	68.2	-14.14	Peak
@	5510	71.18	14.93	86.11	-	-	Average
@	5510	80.16	14.93	95.09	-	-	Peak
*	11020	29.57	20.38	49.95	74	-24.05	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 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



EUT Test Condition		Measurement Detail	
Channel	Channel 110	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)	
-	5428	40.11	14.68	54.79	74	-19.21	Peak
-	5466.15	40.46	14.8	55.26	68.2	-12.94	Peak
@	5550	81.18	14.99	96.17	-	-	Average
@	5550	90.32	14.99	105.31	-	-	Peak
-	5725.5	41.47	15.41	56.88	68.2	-11.32	Peak
*	11100	29.85	20.42	50.27	74	-23.73	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)	
-	5422.4	40.84	14.65	55.49	74	-18.51	Peak
-	5461.6	40.6	14.78	55.38	68.2	-12.82	Peak
@	5550	73.29	14.99	88.28	-	-	Average
@	5550	82.28	14.99	97.27	-	-	Peak
-	5727.6	40.65	15.44	56.09	68.2	-12.11	Peak
*	11100	30.89	20.42	51.31	74	-22.69	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



EUT Test Condition		Measurement Detail	
Channel	Channel 134	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)	
@	5670	77.09	15.18	92.27	-	-	Average
@	5670	86.28	15.18	101.46	-	-	Peak
-	5726.2	41.15	15.42	56.57	68.2	-11.63	Peak
*	11340	29.57	20.34	49.91	74	-24.09	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)	
@	5670	72.36	15.18	87.54	-	-	Average
@	5670	81.91	15.18	97.09	-	-	Peak
-	5726.9	40.51	15.42	55.93	68.2	-12.27	Peak
*	11340	30.14	20.34	50.48	74	-23.52	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 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 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)	
-	5570.5	41.11	15.02	56.13	68.2	-12.07	Peak
-	5721	44.94	15.38	60.32	113.08	-52.76	Peak
@	5755	76.43	15.6	92.03	-	-	Average
@	5755	86.01	15.6	101.61	-	-	Peak
*	11510	30.26	20.72	50.98	74	-23.02	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)	
-	5596.5	40.47	15.06	55.53	68.2	-12.67	Peak
-	5721	40.72	15.38	56.1	113.08	-56.98	Peak
@	5755	72.07	15.6	87.67	-	-	Average
@	5755	80.95	15.6	96.55	-	-	Peak
*	11510	30.03	20.72	50.75	74	-23.25	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 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	76.15	15.67	91.82	-	-	Average
@	5795	85.69	15.67	101.36	-	-	Peak
-	5893.5	40.53	16.28	56.81	91.47	-34.66	Peak
-	5994.5	40.46	16.37	56.83	68.2	-11.37	Peak
*	11590	30.13	20.44	50.57	74	-23.43	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)	
@	5795	70.12	15.67	85.79	-	-	Average
@	5795	79.49	15.67	95.16	-	-	Peak
-	5912	40.6	16.35	56.95	77.79	-20.84	Peak
-	5956	40.36	16.4	56.76	68.2	-11.44	Peak
*	11590	28.89	20.44	49.33	74	-24.67	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



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)	
-	5150	46.22	14.57	60.79	74	-13.21	Peak
@	5210	84.6	14.45	99.05	-	-	Peak
-	5149.4	34.03	14.57	48.6	54	-5.4	Average
@	5210	73.34	14.45	87.79	-	-	Average
-	10420	30.15	19.15	49.3	68.2	-18.9	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)	
-	5049.8	42.91	14.13	57.04	74	-16.96	Peak
@	5210	78.5	14.45	92.95	-	-	Peak
-	5149.7	31.07	14.57	45.64	54	-8.36	Average
@	5210	68.56	14.45	83.01	-	-	Average
-	10420	29.98	19.15	49.13	68.2	-19.07	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 other emission levels were very low against the limit.

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EUT Test Condition		Measurement Detail	
Channel	Channel 58	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)	
@	5290	81.75	14.07	95.82	-	-	Peak
-	5376	40.27	14.42	54.69	74	-19.31	Peak
@	5290	71.29	14.07	85.36	-	-	Average
-	5351.1	29.89	14.24	44.13	54	-9.87	Average
-	10580	30.19	19.43	49.62	68.2	-18.58	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)	
@	5290	74.94	14.07	89.01	-	-	Peak
-	5353.2	39.97	14.25	54.22	74	-19.78	Peak
@	5290	64.64	14.07	78.71	-	-	Average
-	5456.1	28.18	14.76	42.94	54	-11.06	Average
-	10580	30.36	19.43	49.79	68.2	-18.41	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 other emission levels were very low against the limit.

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Doc No: 17-EM-F0878 / 5.0



EUT Test Condition		Measurement Detail	
Channel	Channel 106	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)	
-	5455.3	45.15	14.76	59.91	74	-14.09	Peak
-	5470	44.22	14.81	59.03	68.2	-9.17	Peak
@	5530	76.29	14.95	91.24	-	-	Average
@	5530	85.65	14.95	100.6	-	-	Peak
*	11060	29.97	20.41	50.38	74	-23.62	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)	
-	5405.25	39.78	14.6	54.38	74	-19.62	Peak
-	5461.25	39.52	14.78	54.3	68.2	-13.9	Peak
@	5530	69.37	14.95	84.32	-	-	Average
@	5530	78.79	14.95	93.74	-	-	Peak
*	11060	29.9	20.41	50.31	74	-23.69	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



EUT Test Condition		Measurement Detail	
Channel	Channel 122	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	76.18	15.08	91.26	-	-	Average
@	5610	84.75	15.08	99.83	-	-	Peak
-	5737.75	41.24	15.51	56.75	68.2	-11.45	Peak
*	11220	29.74	20.19	49.93	74	-24.07	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)	
@	5610	67.6	15.08	82.68	-	-	Average
@	5610	76.98	15.08	92.06	-	-	Peak
-	5746.5	39.88	15.58	55.46	68.2	-12.74	Peak
*	11220	30.11	20.19	50.3	74	-23.7	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 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)	
-	5571	40.7	15.03	55.73	68.2	-12.47	Peak
-	5720	41.6	15.37	56.97	110.8	-53.83	Peak
@	5775	72.13	15.64	87.77	-	-	Average
@	5775	81.41	15.64	97.05	-	-	Peak
-	5884	41.12	16.2	57.32	98.52	-41.2	Peak
-	5933	40.22	16.37	56.59	68.2	-11.61	Peak
*	11550	29.69	20.57	50.26	74	-23.74	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)	
-	5616	40.9	15.09	55.99	68.2	-12.21	Peak
-	5709	40.59	15.28	55.87	107.72	-51.85	Peak
@	5775	63.98	15.64	79.62	-	-	Average
@	5775	74.95	15.64	90.59	-	-	Peak
-	5874.5	40.79	16.13	56.92	105.34	-48.42	Peak
-	5930.5	41.38	16.37	57.75	68.2	-10.45	Peak
*	11550	30.07	20.57	50.64	74	-23.36	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 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

802.11ac (VHT40) + BT

EUT Test Condition		Measurement Detail	
Channel	Channel 102 + Channel 0	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)	
*	4804	40.65	3.47	44.12	74	-29.88	Peak
*	11020	29.74	20.38	50.12	74	-23.88	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)	
*	4804	39.3	3.47	42.77	74	-31.23	Peak
*	11020	29.01	20.38	49.39	74	-24.61	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. " * ": The peak result complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. 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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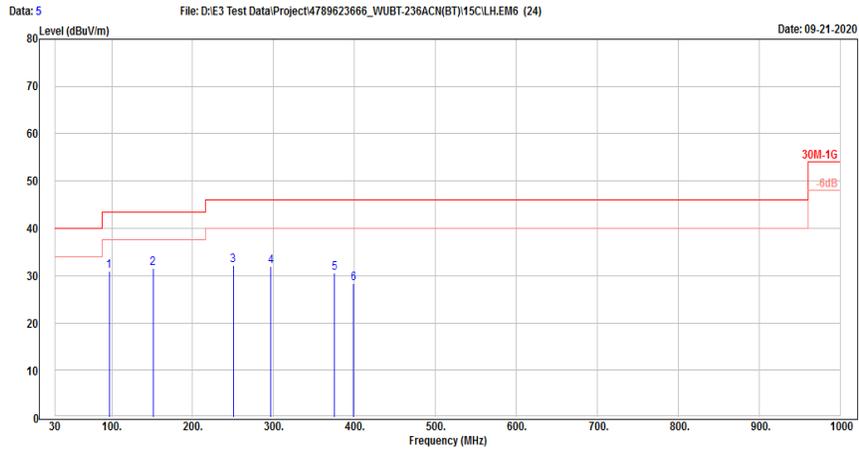


30 MHz ~ 1 GHz Data

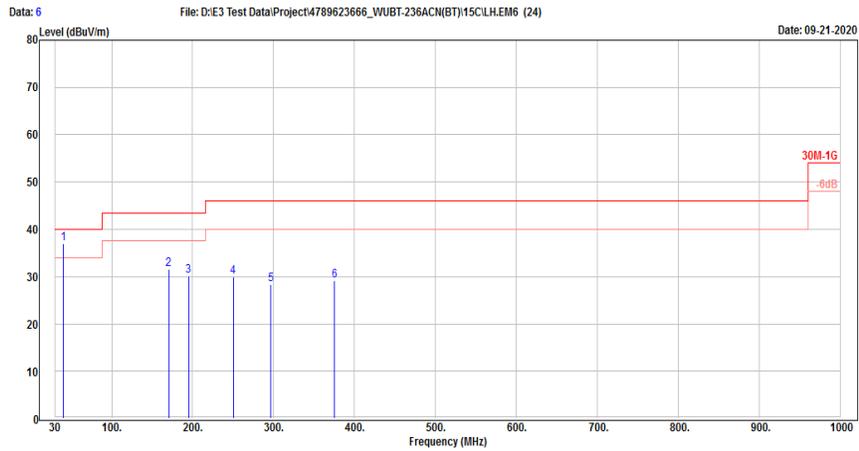
802.11ac (VHT40)

EUT Test Condition		Measurement Detail	
Channel	Channel 102	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)	
-	96.93	47.8	-16.83	30.97	43.5	-12.53	Peak
-	151.25	43.17	-11.65	31.52	43.5	-11.98	Peak
-	250.19	43.93	-11.84	32.09	46	-13.91	Peak
-	296.75	42.14	-10.17	31.97	46	-14.03	Peak
-	375.32	38.27	-7.69	30.58	46	-15.42	Peak
-	398.6	35.53	-7.21	28.32	46	-17.68	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)	
-	40.67	48.88	-11.91	36.97	40	-3.03	Peak
-	170.65	42.67	-11.2	31.47	43.5	-12.03	Peak
-	194.9	43.48	-13.25	30.23	43.5	-13.27	Peak
-	250.19	41.81	-11.84	29.97	46	-16.03	Peak
-	296.75	38.57	-10.17	28.4	46	-17.6	Peak
-	375.32	36.75	-7.69	29.06	46	-16.94	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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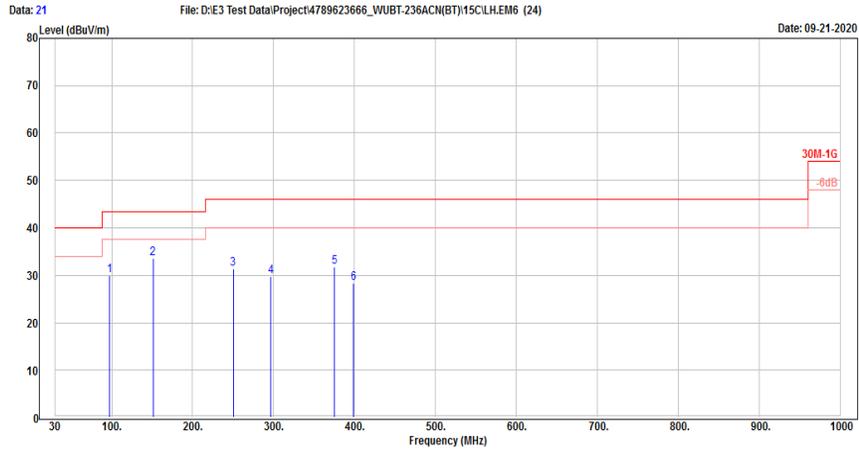


Co-Location Mode

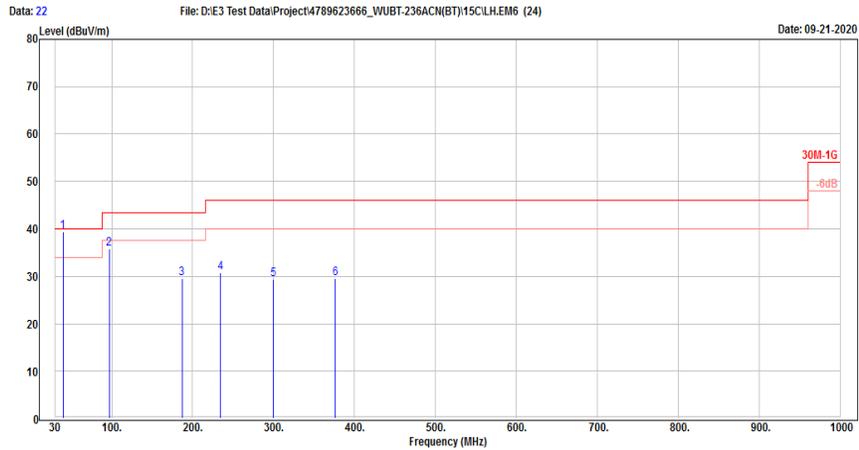
802.11ac (VHT40) + BT

EUT Test Condition		Measurement Detail	
Channel	Channel 102 + Channel 0	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)	
-	97.9	46.61	-16.64	29.97	43.5	-13.53	Peak
-	151.25	45.25	-11.65	33.6	43.5	-9.9	Peak
-	250.19	43.21	-11.84	31.37	46	-14.63	Peak
-	296.75	39.85	-10.17	29.68	46	-16.32	Peak
-	375.32	39.4	-7.69	31.71	46	-14.29	Peak
-	398.6	35.57	-7.21	28.36	46	-17.64	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)	
-	39.7	51.4	-11.91	39.49	40	-0.51	Peak
-	96.93	52.61	-16.83	35.78	43.5	-7.72	Peak
-	187.14	42.06	-12.43	29.63	43.5	-13.87	Peak
-	234.67	42.88	-12.19	30.69	46	-15.31	Peak
-	299.66	39.41	-10.03	29.38	46	-16.62	Peak
-	376.29	37.31	-7.69	29.62	46	-16.38	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. 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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9.8. AC Power Line Conducted Emission

Requirements

Frequency (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note:

1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

Test Procedures

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

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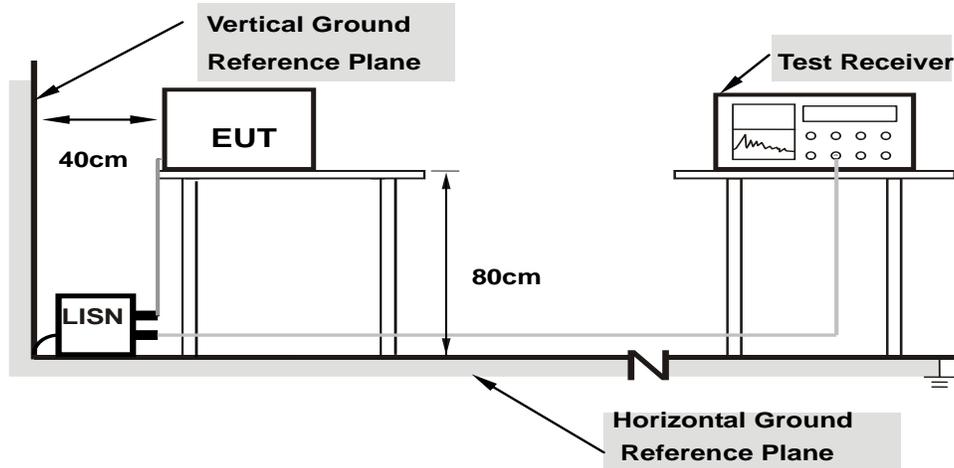
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Test Setup



Note: 1.Support units were connected to second LISN.

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

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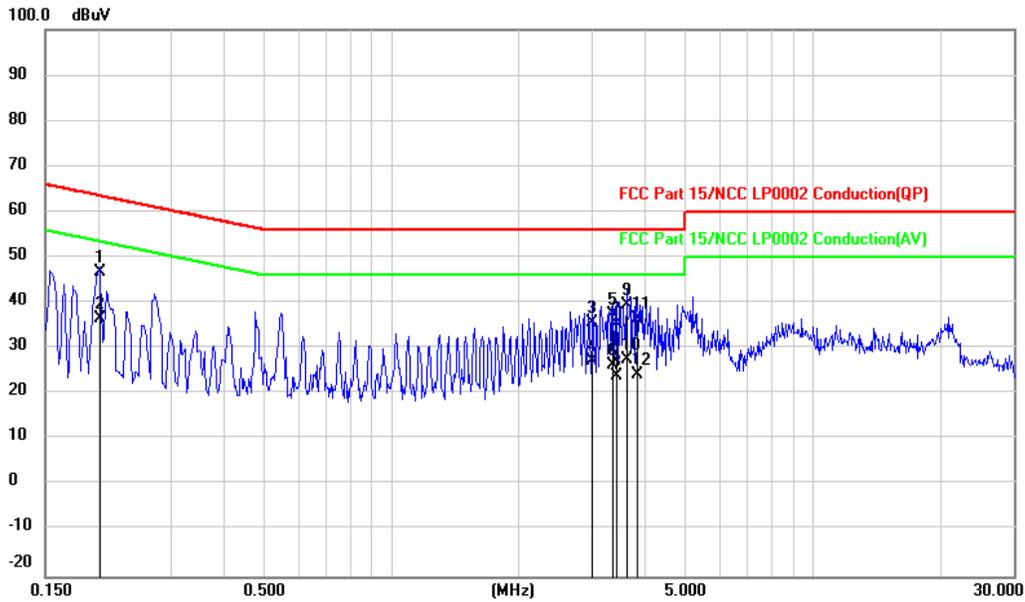


Test Data

802.11ac (VHT40)

EUT Test Condition		Measurement Detail	
Channel	Channel 102	Frequency Range	150 kHz ~ 30 MHz

Phase of Power : Line (L)



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No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2020	27.38	19.47	46.85	63.53	-16.68	QP
2	0.2020	17.12	19.47	36.59	53.53	-16.94	AVG
3	3.0020	16.13	19.54	35.67	56.00	-20.33	QP
4	3.0020	7.74	19.54	27.28	46.00	-18.72	AVG
5	3.3460	17.98	19.56	37.54	56.00	-18.46	QP
6	3.3460	6.94	19.56	26.50	46.00	-19.50	AVG
7	3.4180	15.79	19.56	35.35	56.00	-20.65	QP
8	3.4180	4.53	19.56	24.09	46.00	-21.91	AVG
9	3.6180	20.10	19.57	39.67	56.00	-16.33	QP
10	3.6180	7.88	19.57	27.45	46.00	-18.55	AVG
11	3.8260	16.87	19.57	36.44	56.00	-19.56	QP
12	3.8260	4.76	19.57	24.33	46.00	-21.67	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

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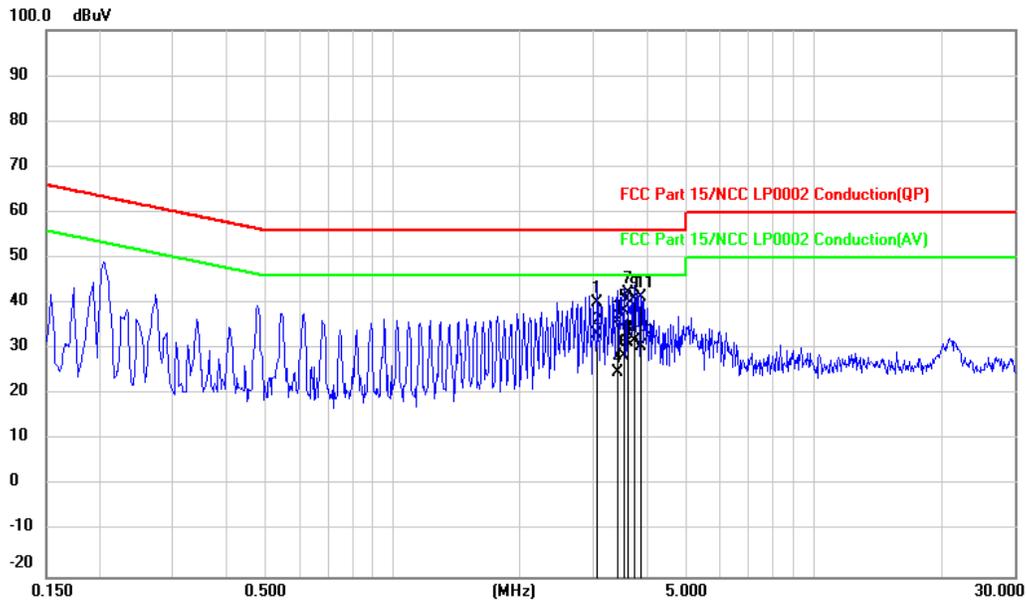
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Phase of Power : Neutral (N)



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No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	3.0700	20.71	19.54	40.25	56.00	-15.75	QP
2	3.0700	13.72	19.54	33.26	46.00	-12.74	AVG
3	3.4220	16.39	19.55	35.94	56.00	-20.06	QP
4	3.4220	5.43	19.55	24.98	46.00	-21.02	AVG
5	3.5540	18.79	19.57	38.36	56.00	-17.64	QP
6	3.5540	8.85	19.57	28.42	46.00	-17.58	AVG
7	3.6180	22.63	19.57	42.20	56.00	-13.80	QP
8	3.6180	11.99	19.57	31.56	46.00	-14.44	AVG
9	3.7540	21.61	19.57	41.18	56.00	-14.82	QP
10	3.7540	12.14	19.57	31.71	46.00	-14.29	AVG
11	3.8900	21.67	19.57	41.24	56.00	-14.76	QP
12	3.8900	11.05	19.57	30.62	46.00	-15.38	AVG

Remarks:

1. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
2. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
3. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
4. The other emission levels were very low against the limit.

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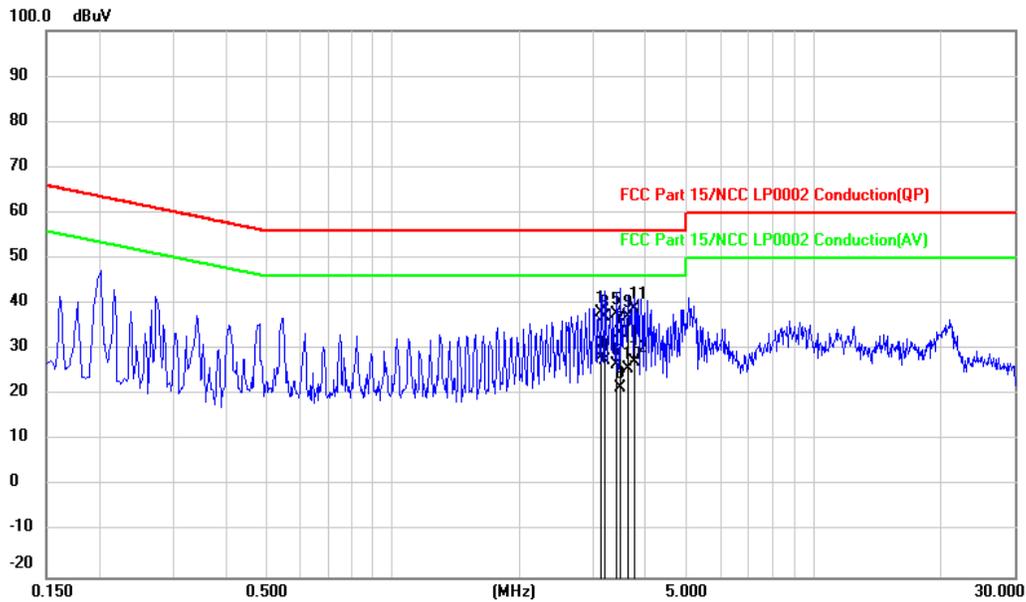


Co-Location Mode

802.11ac (VHT40) + BT

EUT Test Condition		Measurement Detail	
Channel	Channel 102 + Channel 0	Frequency Range	150 kHz ~ 30 MHz

Phase of Power : Line (L)



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No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	3.1380	18.42	19.55	37.97	56.00	-18.03	QP
2	3.1380	8.59	19.55	28.14	46.00	-17.86	AVG
3	3.2060	17.63	19.55	37.18	56.00	-18.82	QP
4	3.2060	7.89	19.55	27.44	46.00	-18.56	AVG
5	3.4100	18.15	19.56	37.71	56.00	-18.29	QP
6	3.4100	7.17	19.56	26.73	46.00	-19.27	AVG
7	3.4900	14.13	19.56	33.69	56.00	-22.31	QP
8	3.4900	2.04	19.56	21.60	46.00	-24.40	AVG
9	3.6220	17.60	19.57	37.17	56.00	-18.83	QP
10	3.6220	6.05	19.57	25.62	46.00	-20.38	AVG
11	3.7580	19.35	19.57	38.92	56.00	-17.08	QP
12	3.7580	7.56	19.57	27.13	46.00	-18.87	AVG

Remarks:

5. $\text{Result value (dBuV)} = \text{Reading value (dBuV)} + \text{Correction Factor (dB)}$
6. $\text{Margin(dB)} = \text{Result value (dBuV)} - \text{Limit value (dBuV)}$
7. $\text{Correction Factor(dB)} = \text{Insertion loss(dB)} + \text{Cable loss(dB)}$
8. The other emission levels were very low against the limit.

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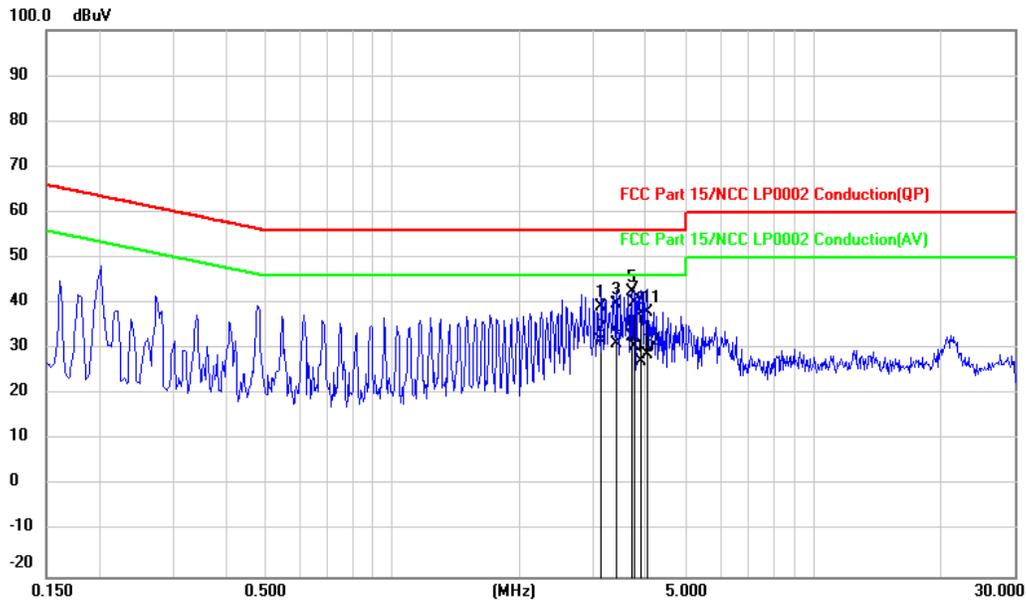
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Doc No: 17-EM-F0878 / 5.0



Phase of Power : Neutral (N)



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Doc No: 17-EM-F0878 / 5.0



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	3.1380	19.74	19.54	39.28	56.00	-16.72	QP
2	3.1380	12.12	19.54	31.66	46.00	-14.34	AVG
3	3.4100	20.19	19.55	39.74	56.00	-16.26	QP
4	3.4100	11.73	19.55	31.28	46.00	-14.72	AVG
5	3.6860	23.02	19.57	42.59	56.00	-13.41	QP
6	3.6860	13.20	19.57	32.77	46.00	-13.23	AVG
7	3.7580	20.56	19.57	40.13	56.00	-15.87	QP
8	3.7580	10.86	19.57	30.43	46.00	-15.57	AVG
9	3.8860	18.06	19.57	37.63	56.00	-18.37	QP
10	3.8860	7.68	19.57	27.25	46.00	-18.75	AVG
11	4.0300	18.41	19.58	37.99	56.00	-18.01	QP
12	4.0300	9.24	19.58	28.82	46.00	-17.18	AVG

Remarks:

5. Result value (dBuV) = Reading value (dBuV) + Correction Factor (dB)
6. Margin(dB) = Result value (dBuV) - Limit value (dBuV)
7. Correction Factor(dB) = Insertion loss(dB) + Cable loss(dB)
8. The other emission levels were very low against the limit.

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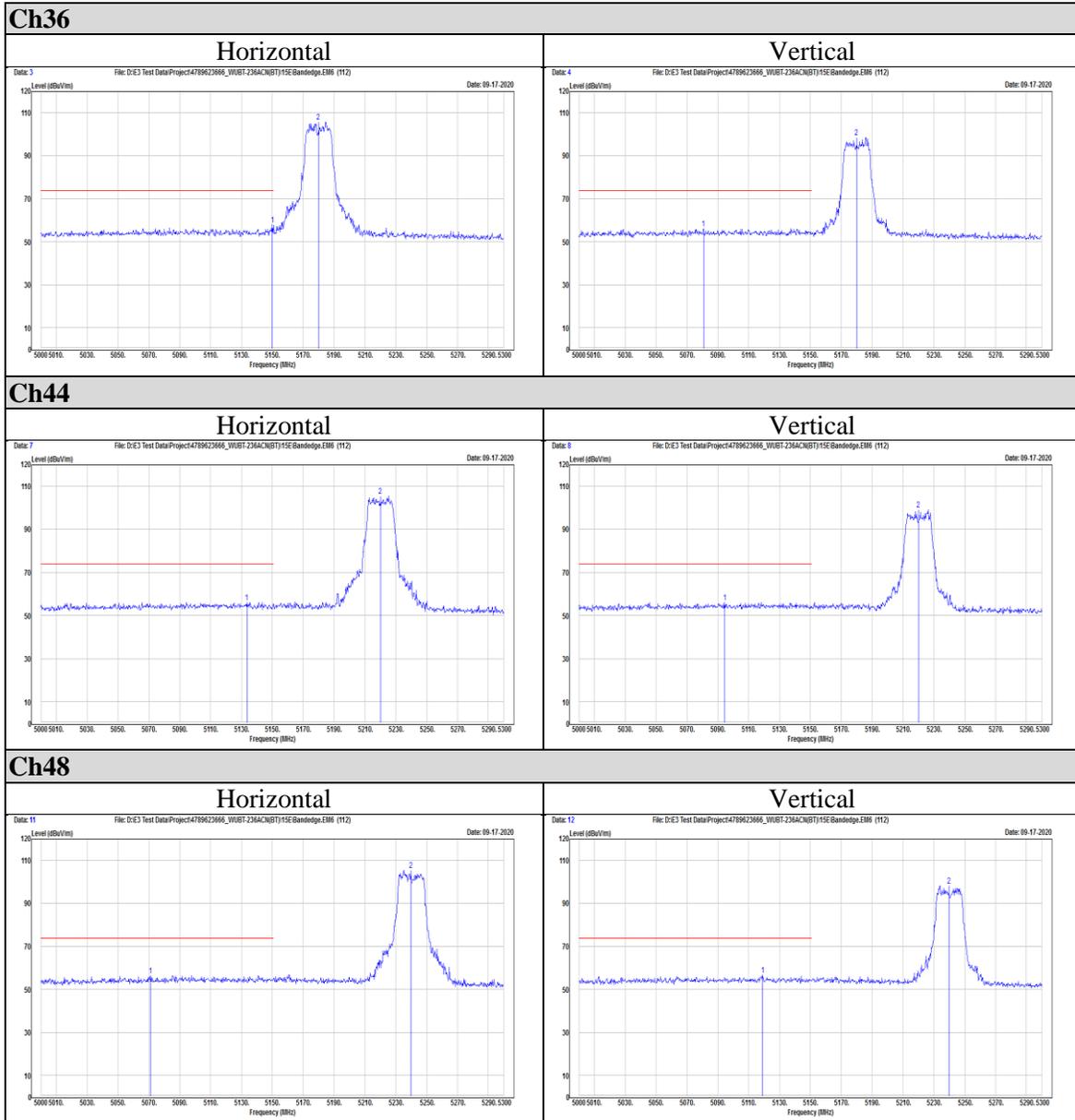
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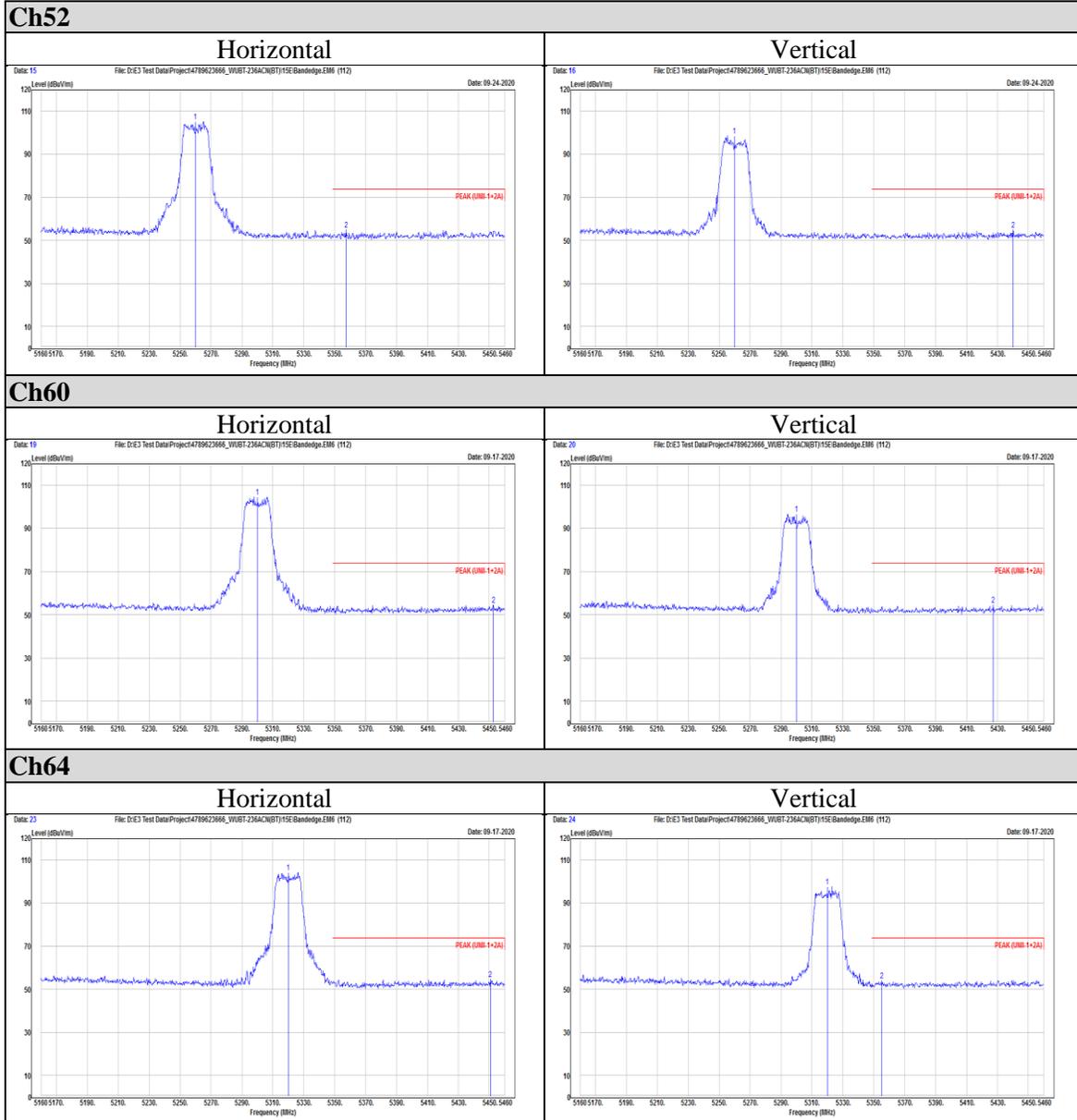


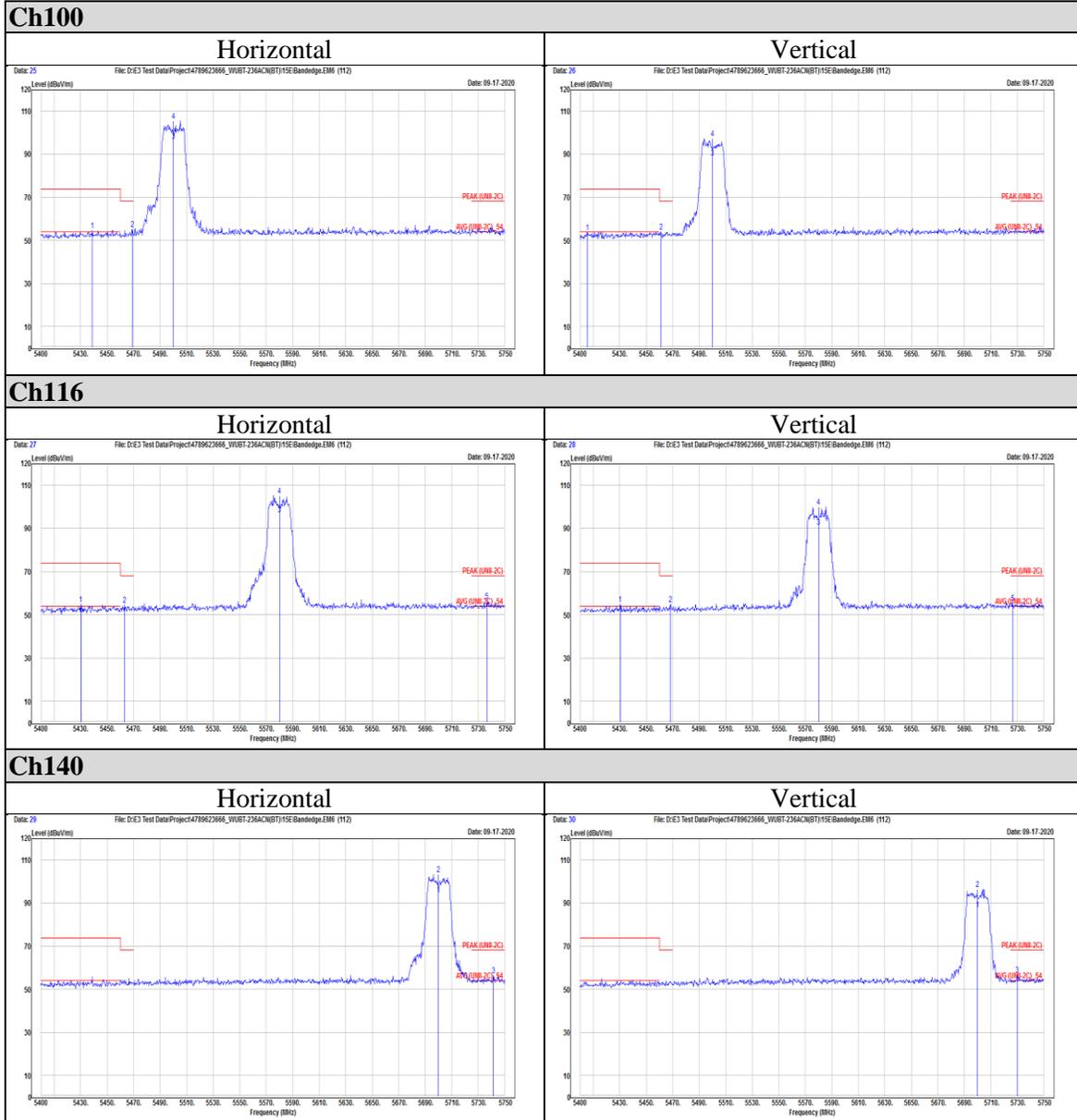
Appendix I Radiated Band Edge and OOB Measurement

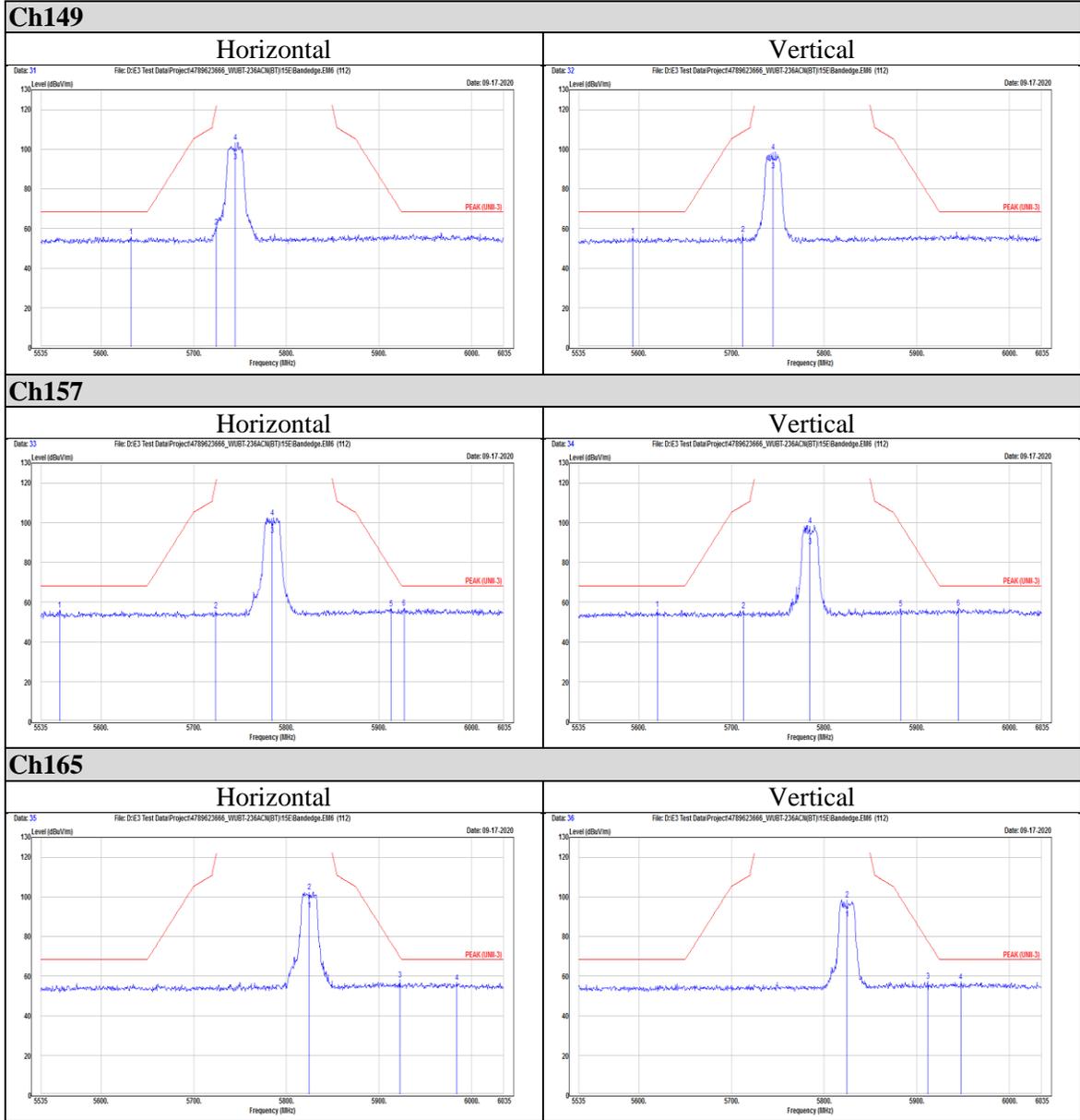
802.11a

Peak



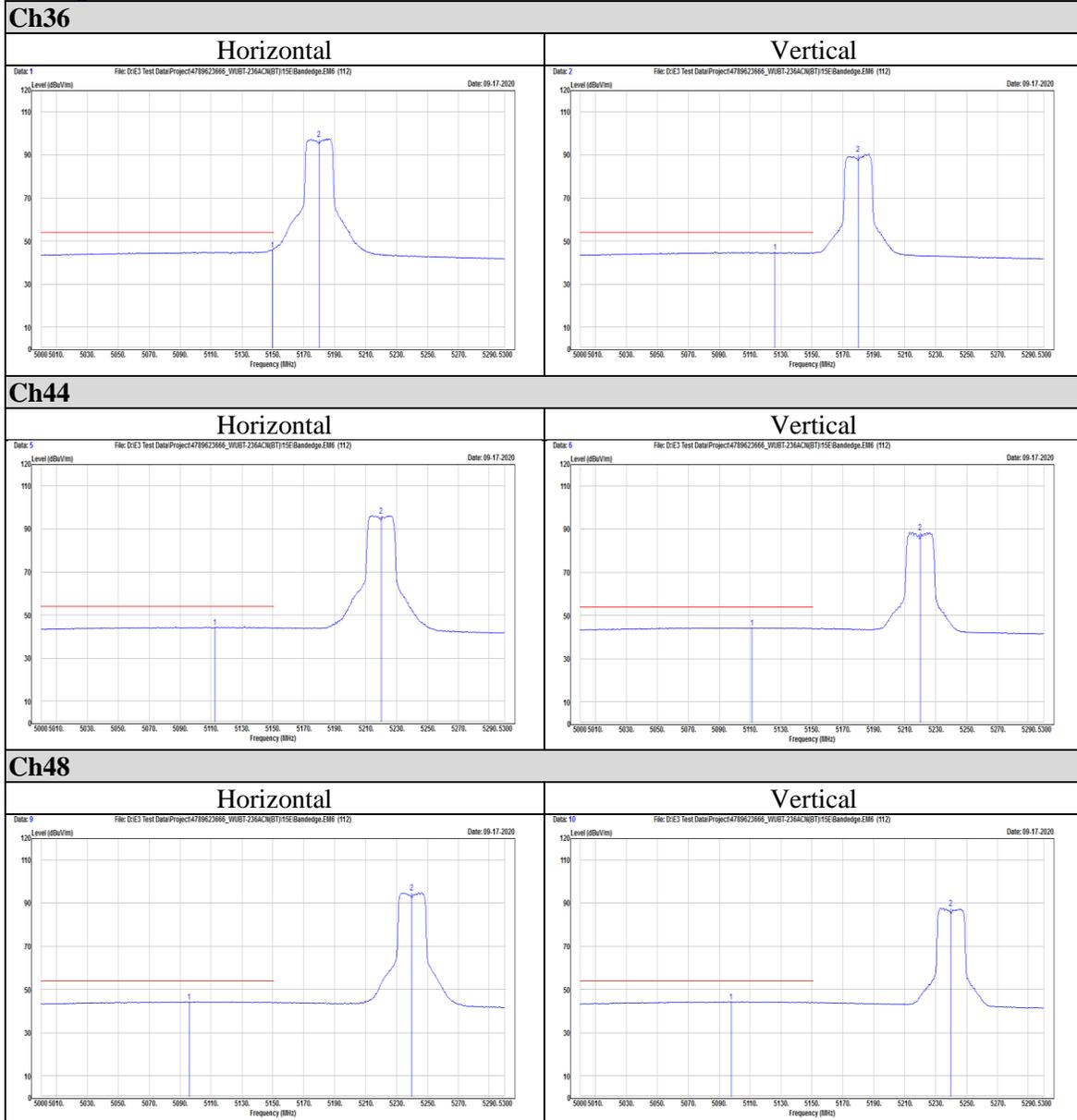


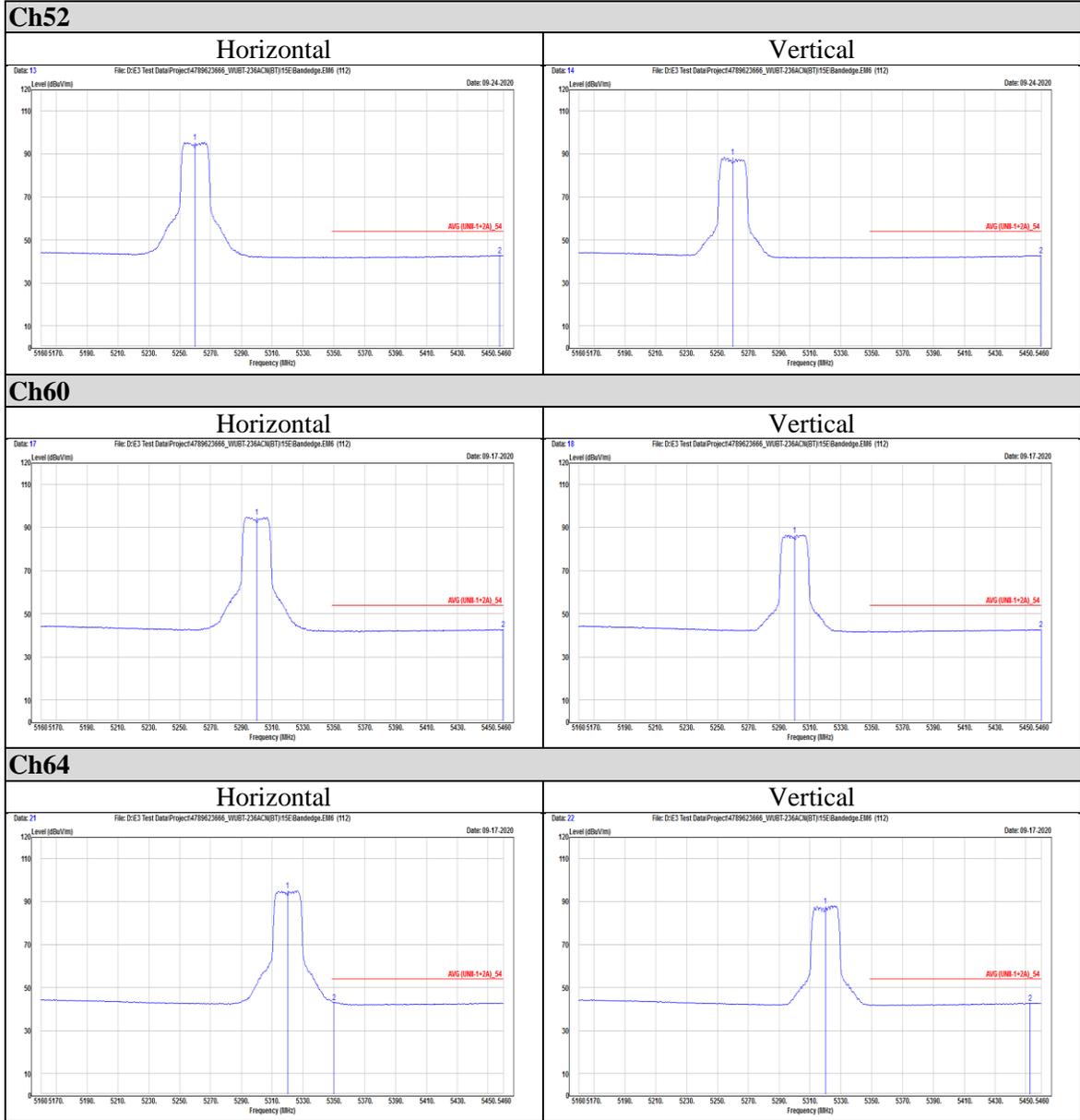






Average







802.11ac (VHT20)

Peak

