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EUT Test Condition		Measurement Detail	
Channel	Channel 2	Frequency Range	1 GHz ~ 26.5 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)	
-	2390.000	54.18	3.05	57.23	74.00	-16.77	peak
@	2417.000	105.32	2.95	108.27	-	-	peak
-	2390.000	45.07	3.05	48.12	54.00	-5.88	AVG
@	2417.000	101.22	2.95	104.17	-	-	AVG
*	4834.000	52.10	-0.64	51.46	74.00	-22.54	peak
-	7251.000	50.81	6.40	57.21	74.00	-16.79	peak
-	7251.000	47.06	6.40	53.46	54.00	-0.54	AVG
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)	
-	2389.093	57.65	3.05	60.70	74.00	-13.30	peak
@	2417.000	106.39	2.95	109.34	-	-	peak
-	2390.000	46.71	3.05	49.76	54.00	-4.24	AVG
@	2417.000	102.51	2.95	105.46	-	-	AVG
*	4834.000	47.06	-0.64	46.42	74.00	-27.58	peak
-	7251.000	50.16	6.40	56.56	74.00	-17.44	peak
-	7251.000	46.39	6.40	52.79	54.00	-1.21	AVG

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 6	Frequency Range	1 GHz ~ 26.5 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)	
-	2390.000	50.31	1.43	51.74	74.00	-22.26	peak
@	2437.000	105.91	2.35	108.26	-	-	peak
-	2483.500	51.34	3.36	54.70	74.00	-19.30	peak
-	2390.000	38.51	1.43	39.94	54.00	-14.06	AVG
@	2437.000	102.43	2.35	104.78	-	-	AVG
-	2483.500	38.20	3.36	41.56	54.00	-12.44	AVG
*	4874.000	52.77	-0.59	52.18	74.00	-21.82	peak
-	7311.000	49.17	6.49	55.66	74.00	-18.34	peak
-	7311.000	45.37	6.49	51.86	54.00	-2.14	AVG
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)	
-	2390.000	50.88	1.43	52.31	74.00	-21.69	peak
@	2437.000	107.24	2.35	109.59	-	-	peak
-	2483.500	52.72	3.36	56.08	74.00	-17.92	peak
-	2390.000	40.35	1.43	41.78	54.00	-12.22	AVG
@	2437.000	103.61	2.35	105.96	-	-	AVG
-	2483.500	41.77	3.36	45.13	54.00	-8.87	AVG
*	4874.000	48.25	-0.59	47.66	74.00	-26.34	peak
-	7311.000	50.80	6.49	57.29	74.00	-16.71	peak
-	7311.000	47.00	6.49	53.49	54.00	-0.51	AVG

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 10	Frequency Range	1 GHz ~ 26.5 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)	
-	2457.000	104.47	3.70	108.17	-	-	peak
-	2483.500	53.40	3.71	57.11	74.00	-16.89	peak
@	2457.000	100.82	3.70	104.52	-	-	AVG
-	2483.500	43.19	3.71	46.90	54.00	-7.10	AVG
*	4914.000	51.94	-0.56	51.38	74.00	-22.62	peak
-	7371.000	50.25	6.68	56.93	74.00	-17.07	peak
-	7371.000	46.70	6.68	53.38	54.00	-0.62	AVG
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)	
@	2457.000	105.46	3.70	109.16	-	-	peak
-	2484.607	58.60	3.72	62.32	74.00	-11.68	peak
@	2457.000	101.48	3.70	105.18	-	-	AVG
-	2483.500	45.07	3.71	48.78	54.00	-5.22	AVG
*	4914.000	46.95	-0.56	46.39	74.00	-27.61	peak
-	7371.000	49.90	6.68	56.58	74.00	-17.42	peak
-	7371.000	46.09	6.68	52.77	54.00	-1.23	AVG

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 11	Frequency Range	1 GHz ~ 26.5 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)	
@	2462.000	105.79	2.88	108.67	-	-	peak
-	2483.500	58.99	3.36	62.35	74.00	-11.65	peak
@	2462.000	102.36	2.88	105.24	-	-	AVG
-	2483.500	49.50	3.36	52.86	54.00	-1.14	AVG
*	4924.000	52.08	-0.55	51.53	74.00	-22.47	peak
-	7386.000	50.54	6.74	57.28	74.00	-16.72	peak
-	7386.000	46.83	6.74	53.57	54.00	-0.43	AVG
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)	
@	2462.000	106.25	2.88	109.13	-	-	peak
-	2483.500	59.80	3.36	63.16	74.00	-10.84	peak
@	2462.000	102.79	2.88	105.67	-	-	AVG
-	2483.500	48.48	3.36	51.84	54.00	-2.16	AVG
*	4924.000	47.03	-0.55	46.48	74.00	-27.52	peak
-	7386.000	49.95	6.74	56.69	74.00	-17.31	peak
-	7386.000	46.09	6.74	52.83	54.00	-1.17	AVG

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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802.11g

EUT Test Condition		Measurement Detail	
Channel	Channel 1	Frequency Range	1 GHz ~ 26.5 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)	
-	2390.000	68.59	3.05	71.64	74.00	-2.36	peak
@	2412.000	103.25	2.98	106.23	-	-	peak
-	2390.000	50.32	3.05	53.37	54.00	-0.63	AVG
@	2412.000	93.90	2.98	96.88	-	-	AVG
*	4824.000	46.23	-0.66	45.57	74.00	-28.43	peak
#	7236.000	40.34	6.32	46.66	86.23	-39.57	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)	
-	2390.000	69.69	3.05	72.74	74.00	-1.26	peak
@	2412.000	103.78	2.98	106.76	-	-	peak
-	2390.000	50.55	3.05	53.60	54.00	-0.40	AVG
@	2412.000	93.92	2.98	96.90	-	-	AVG
*	4824.000	40.92	-0.66	40.26	74.00	-33.74	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 2	Frequency Range	1 GHz ~ 26.5 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)	
-	2390.000	64.75	3.81	68.56	74.00	-5.44	peak
@	2417.000	106.20	3.77	109.97	-	-	peak
-	2390.000	47.96	3.81	51.77	54.00	-2.23	AVG
@	2417.000	94.57	3.77	98.34	-	-	AVG
*	4834.000	53.83	-0.64	53.19	74.00	-20.81	peak
*	7251.000	44.46	6.40	50.86	74.00	-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)	
-	2386.907	68.20	3.81	72.01	74.00	-1.99	peak
@	2417.000	107.23	3.77	111.00	-	-	peak
-	2390.000	48.91	3.81	52.72	54.00	-1.28	AVG
@	2417.000	96.76	3.77	100.53	-	-	AVG
*	4834.000	42.41	-0.64	41.77	74.00	-32.23	peak
-	7251.000	49.40	6.40	55.80	74.00	-18.20	peak
-	7251.000	39.23	6.40	45.63	54.00	-8.37	AVG

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 6	Frequency Range	1 GHz ~ 26.5 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)	
-	2390.000	61.31	3.05	64.36	74.00	-9.64	peak
@	2437.000	107.96	2.86	110.82	-	-	peak
-	2483.500	54.97	2.76	57.73	74.00	-16.27	peak
-	2390.000	44.29	3.05	47.34	54.00	-6.66	AVG
@	2437.000	97.76	2.86	100.62	-	-	AVG
-	2483.500	40.12	2.76	42.88	54.00	-11.12	AVG
*	4874.000	53.87	-0.59	53.28	74.00	-20.72	peak
*	7311.000	44.45	6.49	50.94	74.00	-23.06	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)	
-	2390.000	60.85	3.05	63.90	74.00	-10.10	peak
@	2437.000	108.57	2.86	111.43	-	-	peak
-	2483.500	57.97	2.76	60.73	74.00	-13.27	peak
-	2390.000	44.64	3.05	47.69	54.00	-6.31	AVG
@	2437.000	98.52	2.86	101.38	-	-	AVG
-	2483.500	43.87	2.76	46.63	54.00	-7.37	AVG
*	4874.000	42.45	-0.59	41.86	74.00	-32.14	peak
-	7311.000	49.39	6.49	55.88	74.00	-18.12	peak
-	7311.000	39.23	6.49	45.72	54.00	-8.28	AVG

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	
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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)	
@	2457.000	106.67	3.70	110.37	-	-	peak
-	2483.500	62.04	3.71	65.75	74.00	-8.25	peak
@	2457.000	96.40	3.70	100.10	-	-	AVG
-	2483.500	45.71	3.71	49.42	54.00	-4.58	AVG
*	4914.000	53.77	-0.56	53.21	74.00	-20.79	peak
*	7371.000	44.11	6.68	50.79	74.00	-23.21	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)	
@	2457.000	107.05	3.70	110.75	-	-	peak
-	2483.500	65.95	3.71	69.66	74.00	-4.34	peak
@	2457.000	97.00	3.70	100.70	-	-	AVG
-	2483.500	48.46	3.71	52.17	54.00	-1.83	AVG
*	4914.000	42.29	-0.56	41.73	74.00	-32.27	peak
-	7371.000	49.09	6.68	55.77	74.00	-18.23	peak
-	7371.000	38.89	6.68	45.57	54.00	-8.43	AVG

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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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)	
@	2462.000	103.02	2.79	105.81	-	-	peak
-	2483.500	66.29	2.76	69.05	74.00	-4.95	peak
@	2462.000	93.05	2.79	95.84	-	-	AVG
-	2483.500	44.86	2.76	47.62	54.00	-6.38	AVG
*	4924.000	49.55	-0.55	49.00	74.00	-25.00	peak
*	7386.000	44.11	6.74	50.85	74.00	-23.15	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)	
@	2462.000	104.09	2.79	106.88	-	-	peak
-	2483.807	69.78	2.76	72.54	74.00	-1.46	peak
@	2462.000	94.79	2.79	97.58	-	-	AVG
-	2483.500	49.57	2.76	52.33	54.00	-1.67	AVG
*	4924.000	38.86	-0.55	38.31	74.00	-35.69	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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802.11n (HT20)

EUT Test Condition		Measurement Detail	
Channel	Channel 1	Frequency Range	1 GHz ~ 26.5 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)	
-	2389.433	67.69	3.05	70.74	74.00	-3.26	peak
@	2412.000	102.86	2.98	105.84	-	-	peak
-	2390.000	49.91	3.05	52.96	54.00	-1.04	AVG
@	2412.000	93.16	2.98	96.14	-	-	AVG
*	4824.000	43.27	-0.66	42.61	74.00	-31.39	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)	
-	2389.600	67.23	3.05	70.28	74.00	-3.72	peak
@	2412.000	103.36	2.98	106.34	-	-	peak
-	2390.000	50.48	3.05	53.53	54.00	-0.47	AVG
@	2412.000	93.58	2.98	96.56	-	-	AVG
*	4824.000	39.90	-0.66	39.24	74.00	-34.76	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 2	Frequency Range	1 GHz ~ 26.5 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)	
-	2389.287	67.02	3.81	70.83	74.00	-3.17	peak
@	2417.000	106.25	3.77	110.02	-	-	peak
-	2390.000	49.05	3.81	52.86	54.00	-1.14	AVG
@	2417.000	96.03	3.77	99.80	-	-	AVG
-	4834.000	56.26	-0.64	55.62	74.00	-18.38	peak
-	4834.000	46.11	-0.64	45.47	54.00	-8.53	AVG
-	7251.000	47.86	6.40	54.26	74.00	-19.74	peak
-	7251.000	37.63	6.40	44.03	54.00	-9.97	AVG
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)	
-	2390.000	67.98	3.81	71.79	74.00	-2.21	peak
@	2417.000	107.23	3.77	111.00	-	-	peak
-	2390.000	49.34	3.81	53.15	54.00	-0.85	AVG
@	2417.000	97.30	3.77	101.07	-	-	AVG
*	4834.000	41.94	-0.64	41.30	74.00	-32.70	peak
*	7251.000	43.48	6.40	49.88	74.00	-24.12	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 6	Frequency Range	1 GHz ~ 26.5 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)	
-	2390.000	61.39	3.05	64.44	74.00	-9.56	peak
@	2437.000	107.78	2.86	110.64	-	-	peak
-	2483.500	55.39	2.76	58.15	74.00	-15.85	peak
-	2390.000	45.82	3.05	48.87	54.00	-5.13	AVG
@	2437.000	97.74	2.86	100.60	-	-	AVG
-	2483.500	41.18	2.76	43.94	54.00	-10.06	AVG
-	4874.000	56.27	-0.59	55.68	74.00	-18.32	peak
-	4874.000	46.15	-0.59	45.56	54.00	-8.44	AVG
-	7311.000	47.82	6.49	54.31	74.00	-19.69	peak
-	7311.000	37.69	6.49	44.18	54.00	-9.82	AVG
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)	
-	2390.000	61.22	3.05	64.27	74.00	-9.73	peak
@	2437.000	108.45	2.86	111.31	-	-	peak
-	2483.500	62.69	2.76	65.45	74.00	-8.55	peak
-	2390.000	46.52	3.05	49.57	54.00	-4.43	AVG
@	2437.000	98.20	2.86	101.06	-	-	AVG
-	2483.500	43.57	2.76	46.33	54.00	-7.67	AVG
*	4874.000	41.96	-0.59	41.37	74.00	-32.63	peak
*	7311.000	43.45	6.49	49.94	74.00	-24.06	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 10	Frequency Range	1 GHz ~ 26.5 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)	
@	2457.000	106.46	3.70	110.16	-	-	peak
-	2485.520	65.00	3.72	68.72	74.00	-5.28	peak
@	2457.000	96.57	3.70	100.27	-	-	AVG
-	2483.500	47.88	3.71	51.59	54.00	-2.41	AVG
-	4914.000	56.09	-0.56	55.53	74.00	-18.47	peak
-	4914.000	45.95	-0.56	45.39	54.00	-8.61	AVG
-	7371.000	47.53	6.68	54.21	74.00	-19.79	peak
-	7371.000	37.29	6.68	43.97	54.00	-10.03	AVG
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)	
@	2457.000	107.44	3.70	111.14	-	-	peak
-	2483.500	67.27	3.71	70.98	74.00	-3.02	peak
@	2457.000	97.15	3.70	100.85	-	-	AVG
-	2483.500	49.47	3.71	53.18	54.00	-0.82	AVG
*	4914.000	41.83	-0.56	41.27	74.00	-32.73	peak
*	7371.000	43.14	6.68	49.82	74.00	-24.18	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 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 11	Frequency Range	1 GHz ~ 26.5 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)	
@	2462.000	102.80	2.79	105.59	-	-	peak
-	2483.500	69.19	2.76	71.95	74.00	-2.05	peak
@	2462.000	92.39	2.79	95.18	-	-	AVG
-	2483.500	47.39	2.76	50.15	54.00	-3.85	AVG
*	4924.000	46.97	-0.55	46.42	74.00	-27.58	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)	
@	2462.000	103.16	2.79	105.95	-	-	peak
-	2483.500	70.88	2.76	73.64	74.00	-0.36	peak
@	2462.000	94.05	2.79	96.84	-	-	AVG
-	2483.500	49.56	2.76	52.32	54.00	-1.68	AVG
*	4924.000	39.39	-0.55	38.84	74.00	-35.16	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 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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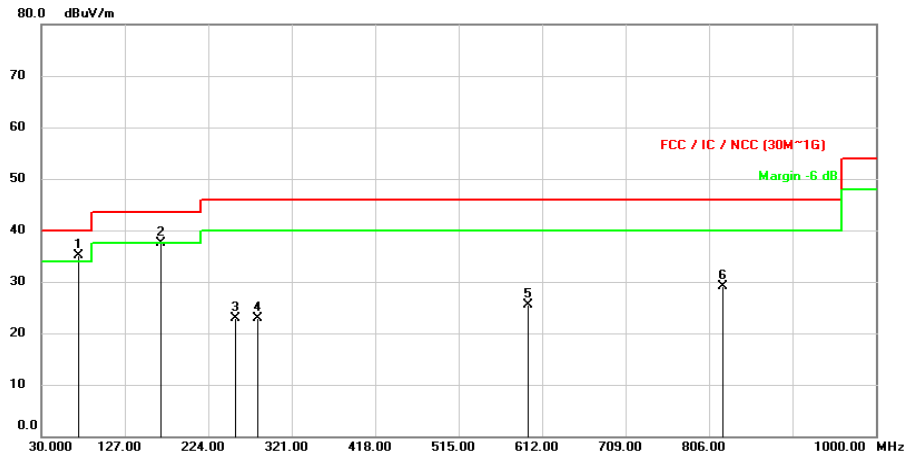


30 MHz ~ 1 GHz Data

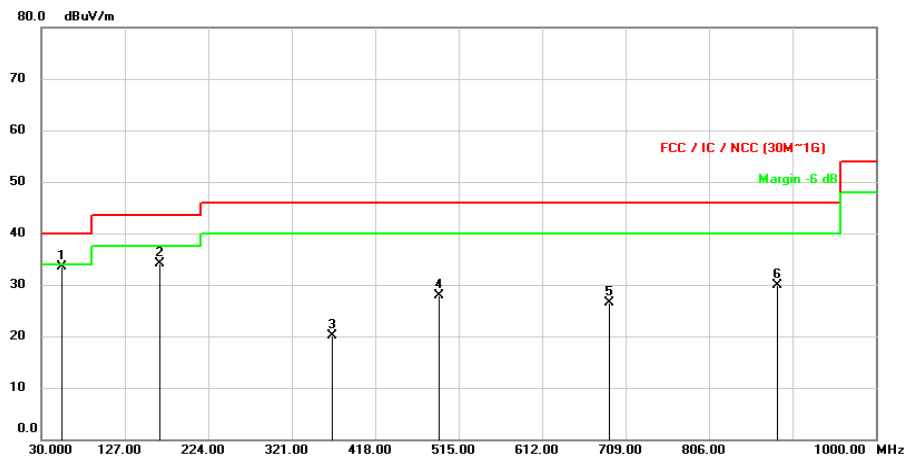
802.11n (HT20)

EUT Test Condition		Measurement Detail	
Channel	Channel 11	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)	
-	73.5528	53.60	-18.43	35.17	40.00	-4.83	peak
-	167.9662	52.41	-14.88	37.53	43.50	-5.97	peak
-	256.4626	38.30	-15.46	22.84	46.00	-23.16	peak
-	281.6179	37.18	-14.27	22.91	46.00	-23.09	peak
-	595.9950	32.19	-6.72	25.47	46.00	-20.53	peak
-	821.2935	32.13	-3.05	29.08	46.00	-16.92	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)	
-	53.2153	48.44	-15.02	33.42	40.00	-6.58	peak
-	167.9986	49.00	-14.88	34.12	43.50	-9.38	peak
-	369.3706	31.83	-11.74	20.09	46.00	-25.91	peak
-	491.7846	36.70	-8.84	27.86	46.00	-18.14	peak
-	689.0503	31.73	-5.27	26.46	46.00	-19.54	peak
-	885.4753	31.72	-1.72	30.00	46.00	-16.00	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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9.6. 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.
2. The extension cord has been taken into consideration as part of the LISN.

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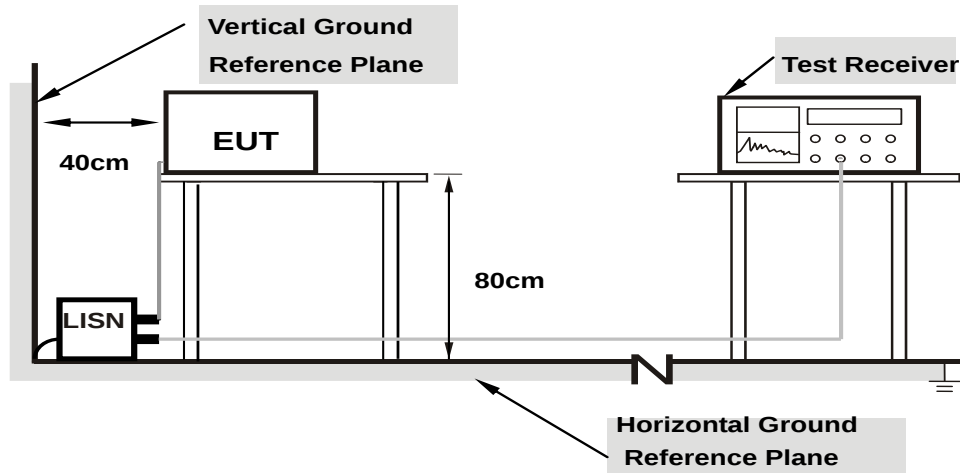
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Test Setup



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

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

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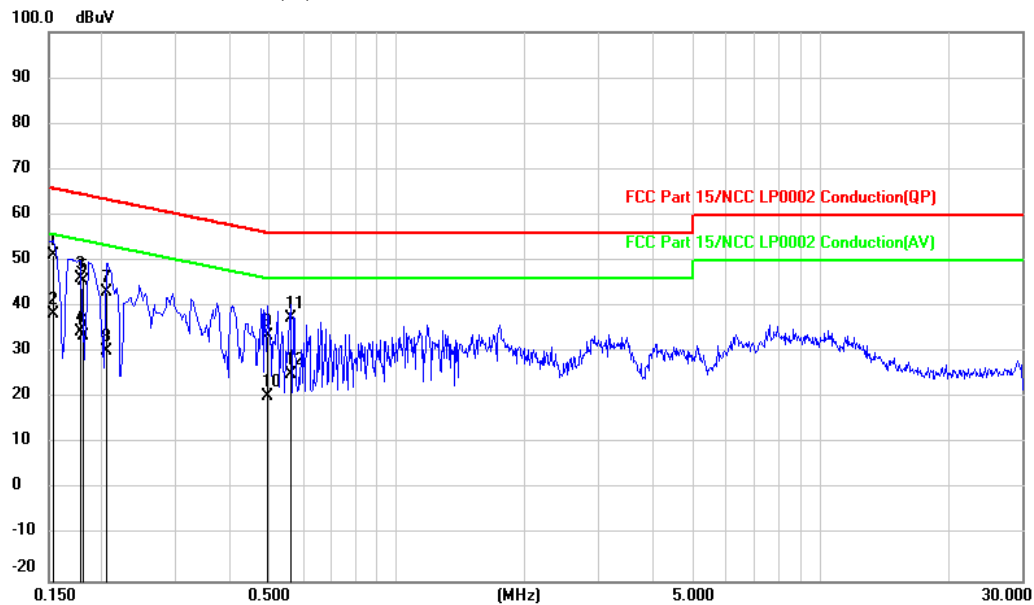


Test Data

802.11n (HT20)

EUT Test Condition		Measurement Detail	
Channel	Channel 11	Frequency Range	150 kHz ~ 30 MHz

Phase of Power : Line (L)



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	(MHz)	(dBuV)	dB	(dBuV)	(dBuV)	(dB)	
1	0.1546	31.85	19.47	51.32	65.75	-14.43	QP
2	0.1546	18.93	19.47	38.40	55.75	-17.35	AVG
3	0.1795	26.69	19.46	46.15	64.51	-18.36	QP
4	0.1795	15.01	19.46	34.47	54.51	-20.04	AVG
5	0.1818	26.09	19.46	45.55	64.40	-18.85	QP
6	0.1818	13.98	19.46	33.44	54.40	-20.96	AVG
7	0.2043	23.80	19.47	43.27	63.43	-20.16	QP
8	0.2043	10.87	19.47	30.34	53.43	-23.09	AVG
9	0.4946	14.20	19.48	33.68	56.09	-22.41	QP
10	0.4946	0.81	19.48	20.29	46.09	-25.80	AVG
11	0.5632	17.84	19.48	37.32	56.00	-18.68	QP
12	0.5632	5.54	19.48	25.02	46.00	-20.98	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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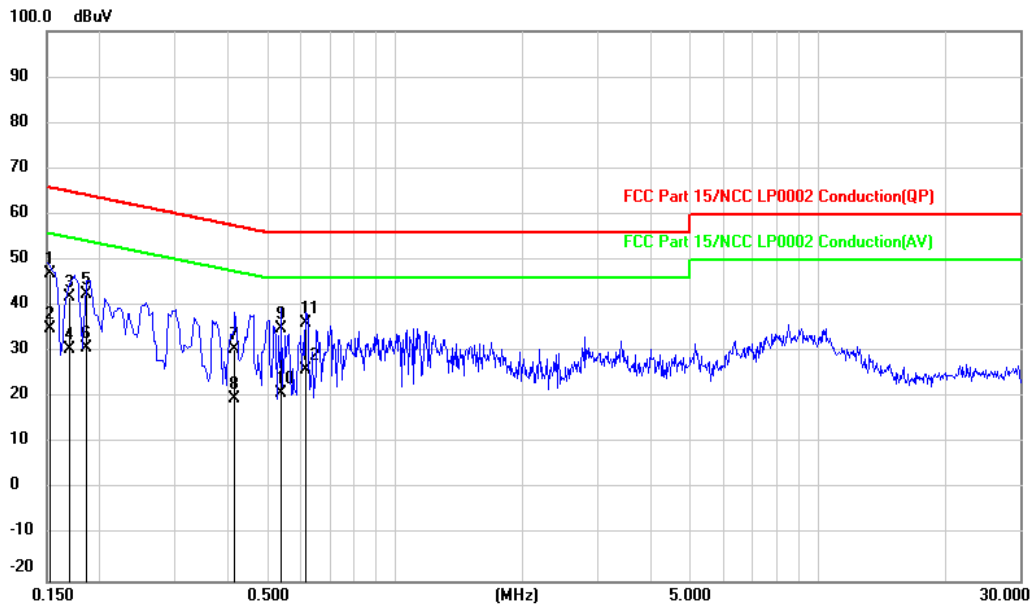
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Phase of Power : Neutral (N)



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No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	dB	(dBuV)	(dBuV)	(dB)	
1	0.1535	27.62	19.47	47.09	65.81	-18.72	QP
2	0.1535	15.44	19.47	34.91	55.81	-20.90	AVG
3	0.1695	22.46	19.47	41.93	64.98	-23.05	QP
4	0.1695	11.22	19.47	30.69	54.98	-24.29	AVG
5	0.1860	23.12	19.47	42.59	64.21	-21.62	QP
6	0.1860	11.42	19.47	30.89	54.21	-23.32	AVG
7	0.4165	11.20	19.49	30.69	57.52	-26.83	QP
8	0.4165	0.21	19.49	19.70	47.52	-27.82	AVG
9	0.5365	15.63	19.49	35.12	56.00	-20.88	QP
10	0.5365	1.39	19.49	20.88	46.00	-25.12	AVG
11	0.6127	16.74	19.49	36.23	56.00	-19.77	QP
12	0.6127	6.62	19.49	26.11	46.00	-19.89	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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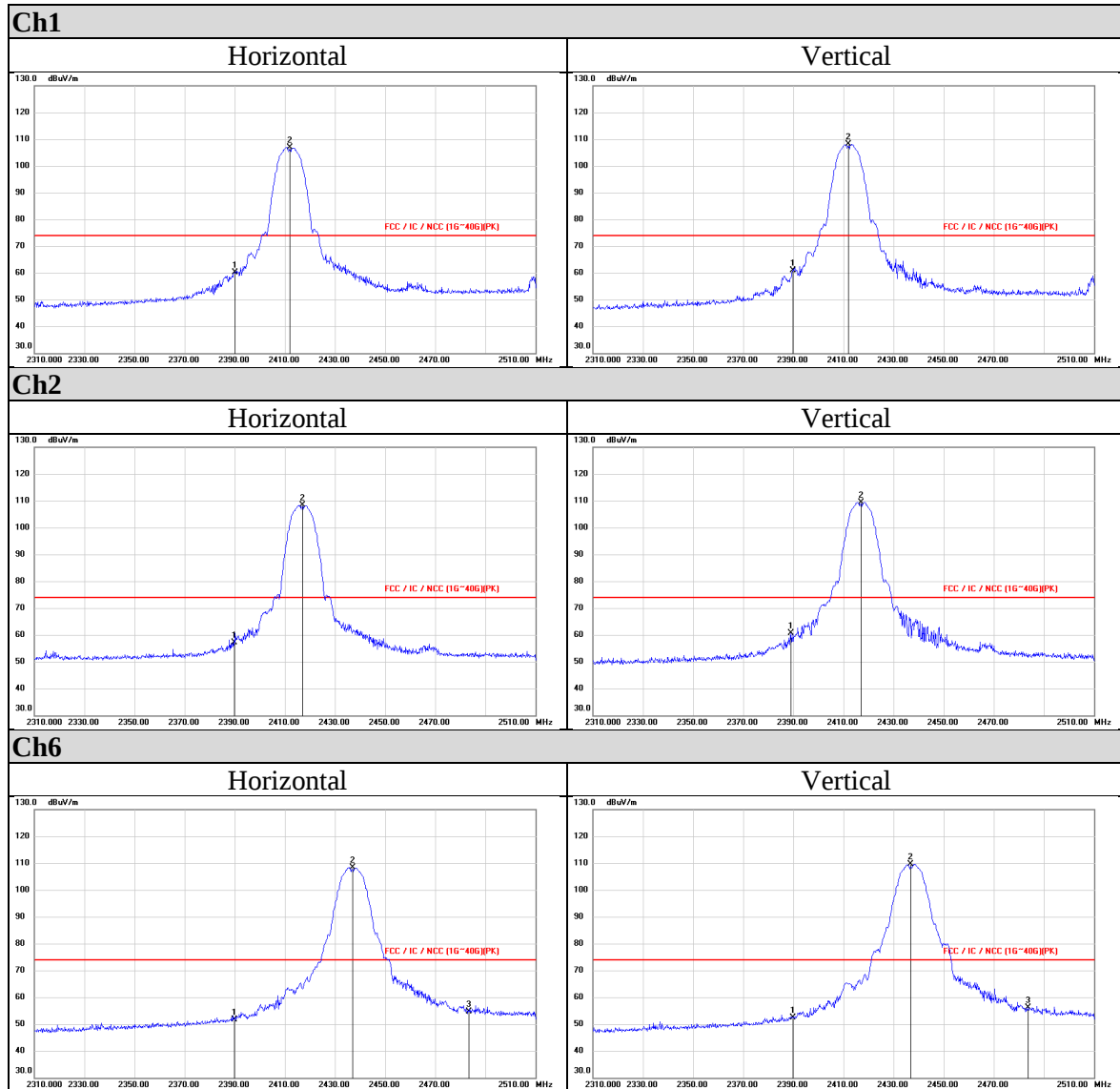
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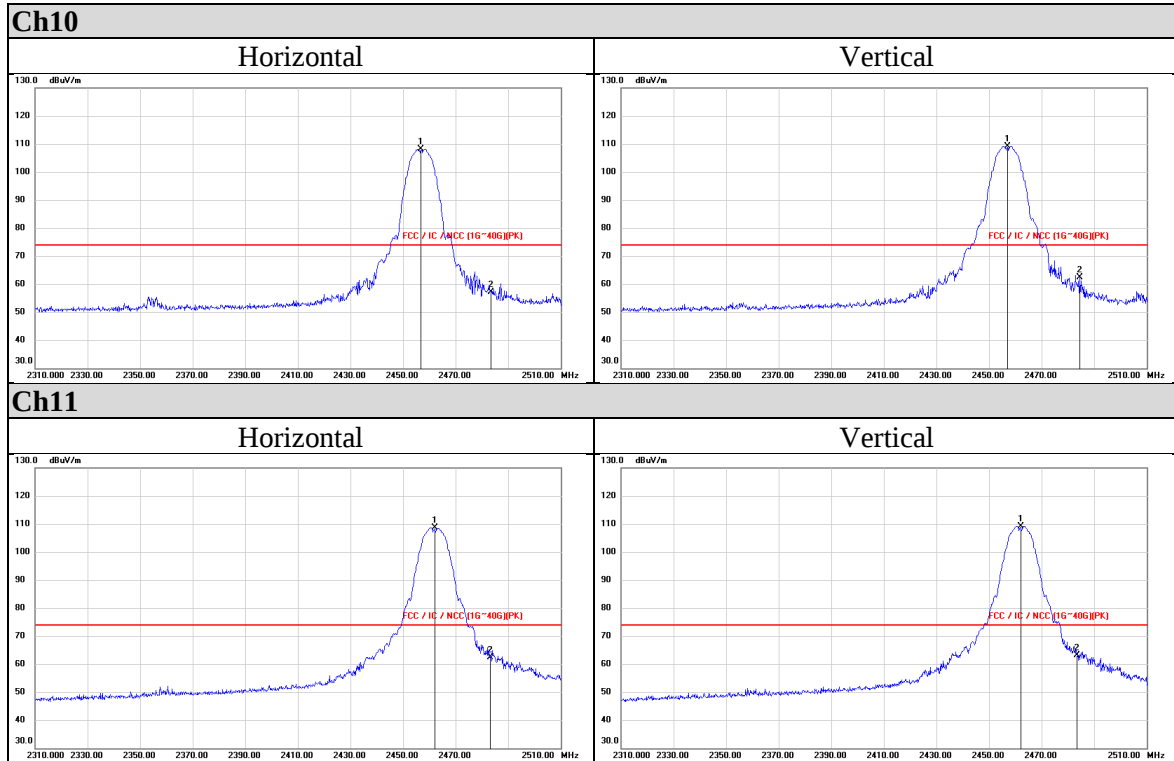


Appendix I Radiated Band Edge Measurement

802.11b

Peak





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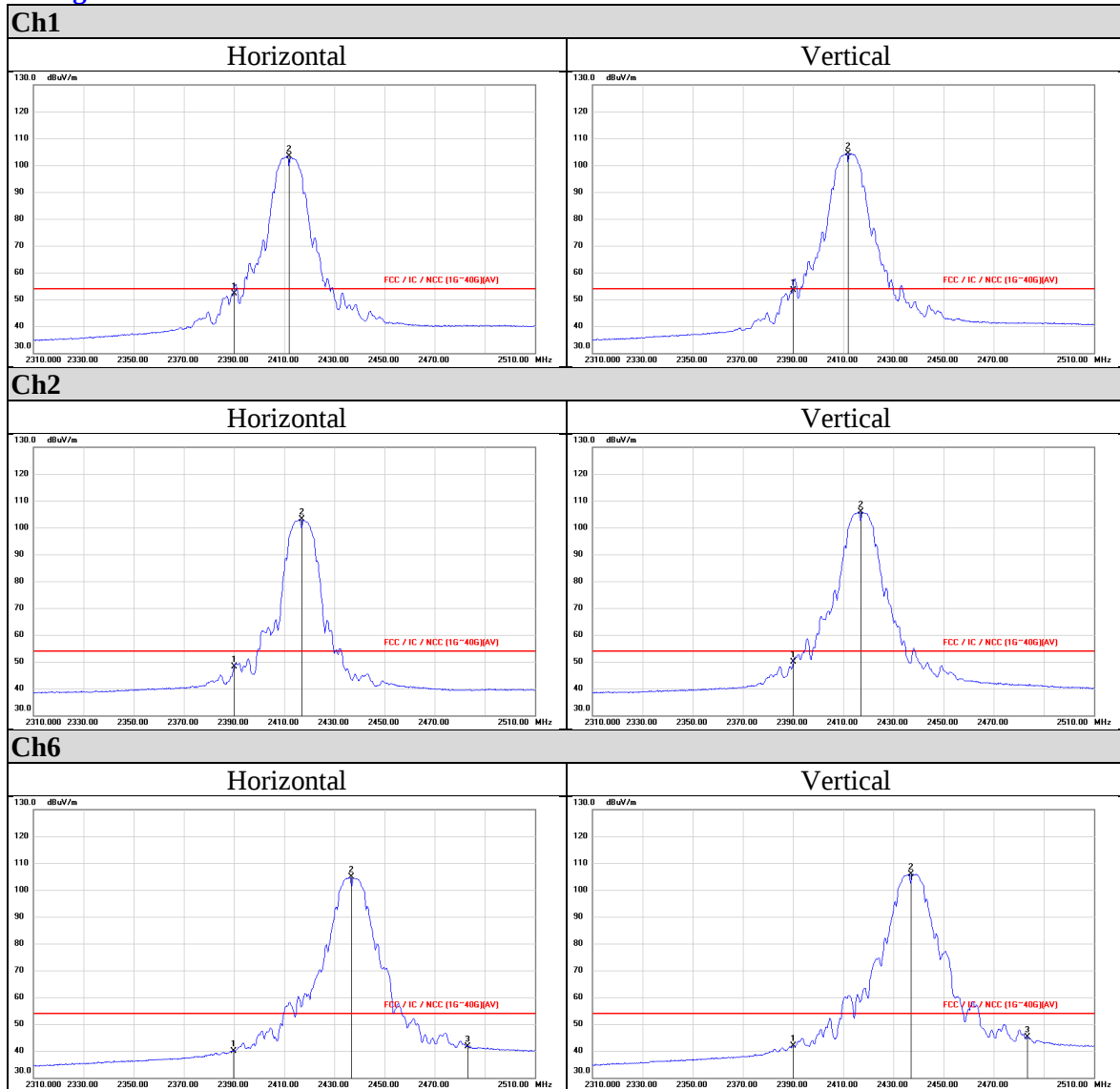
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Average



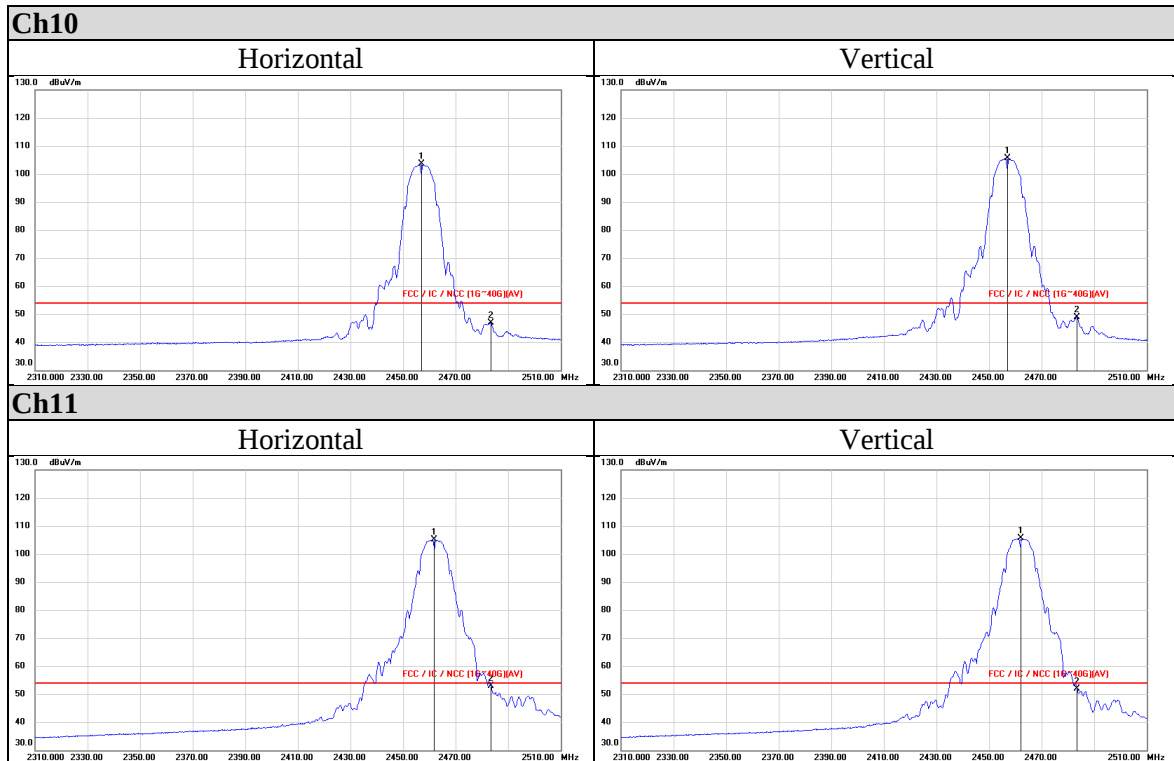
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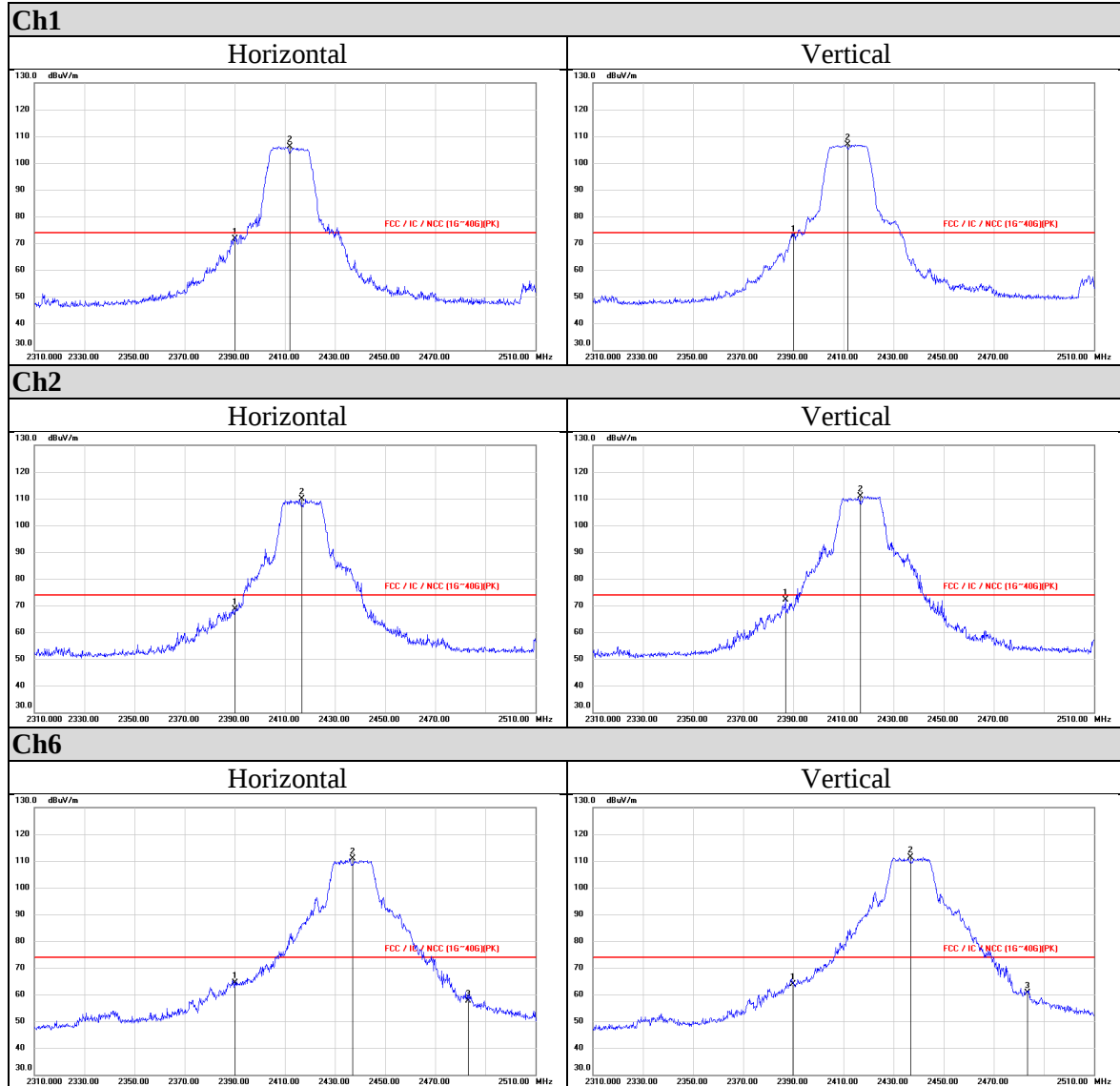
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802.11g

Peak



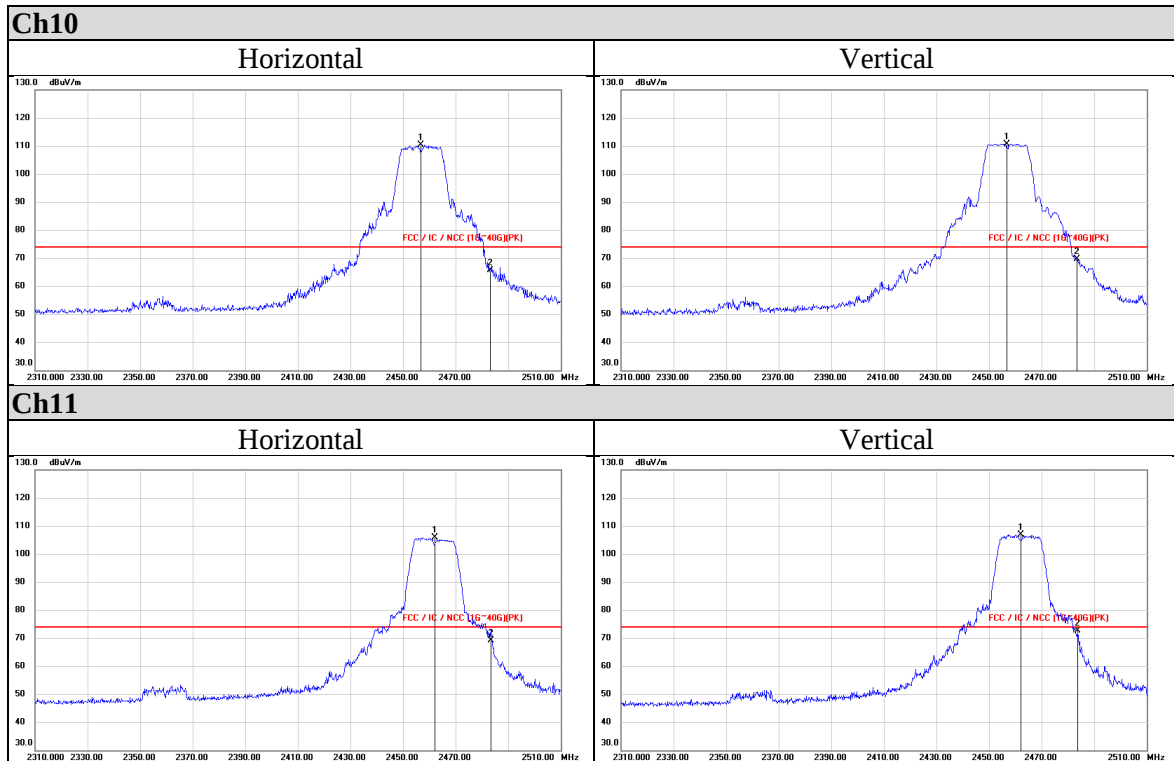
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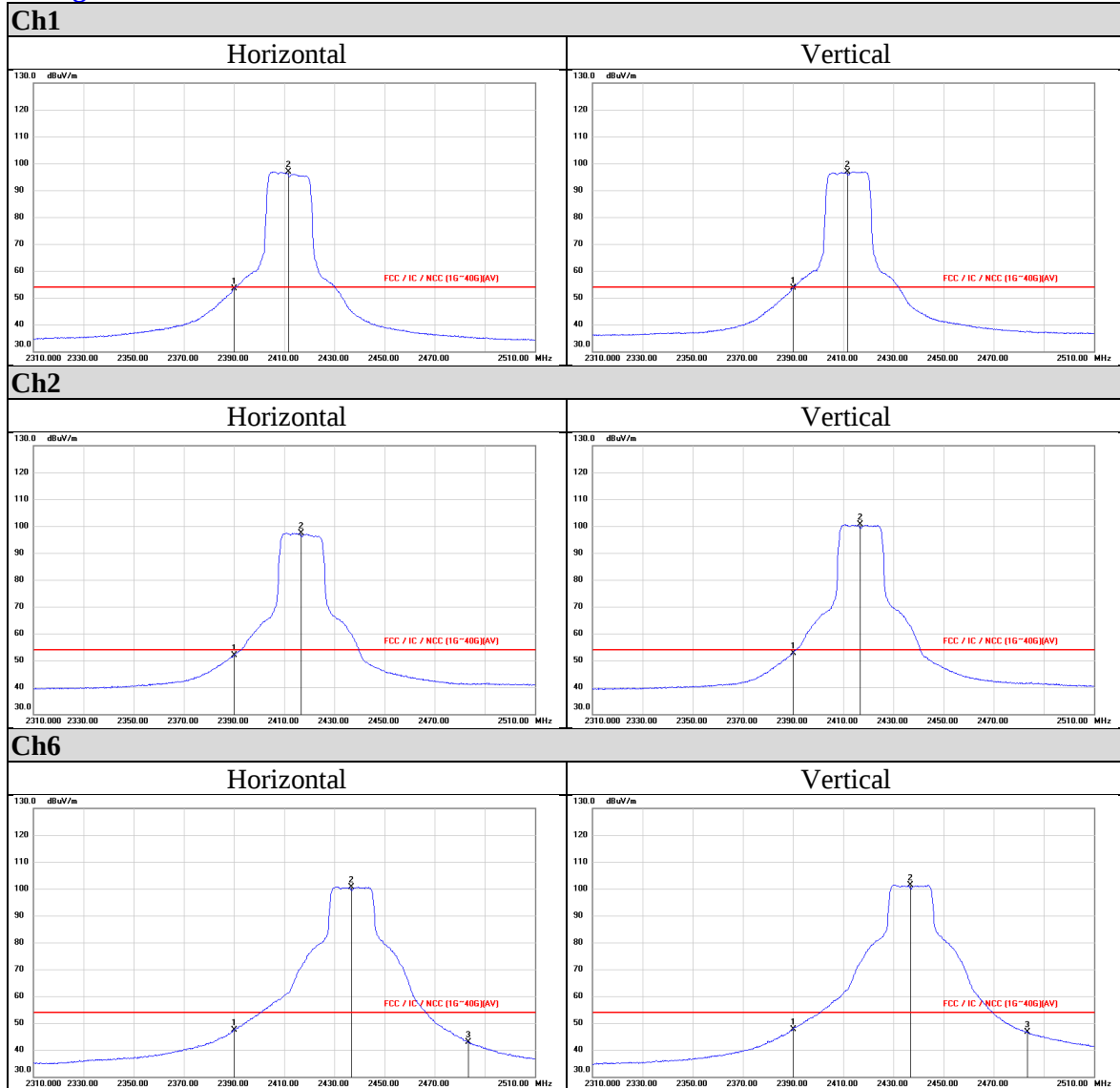
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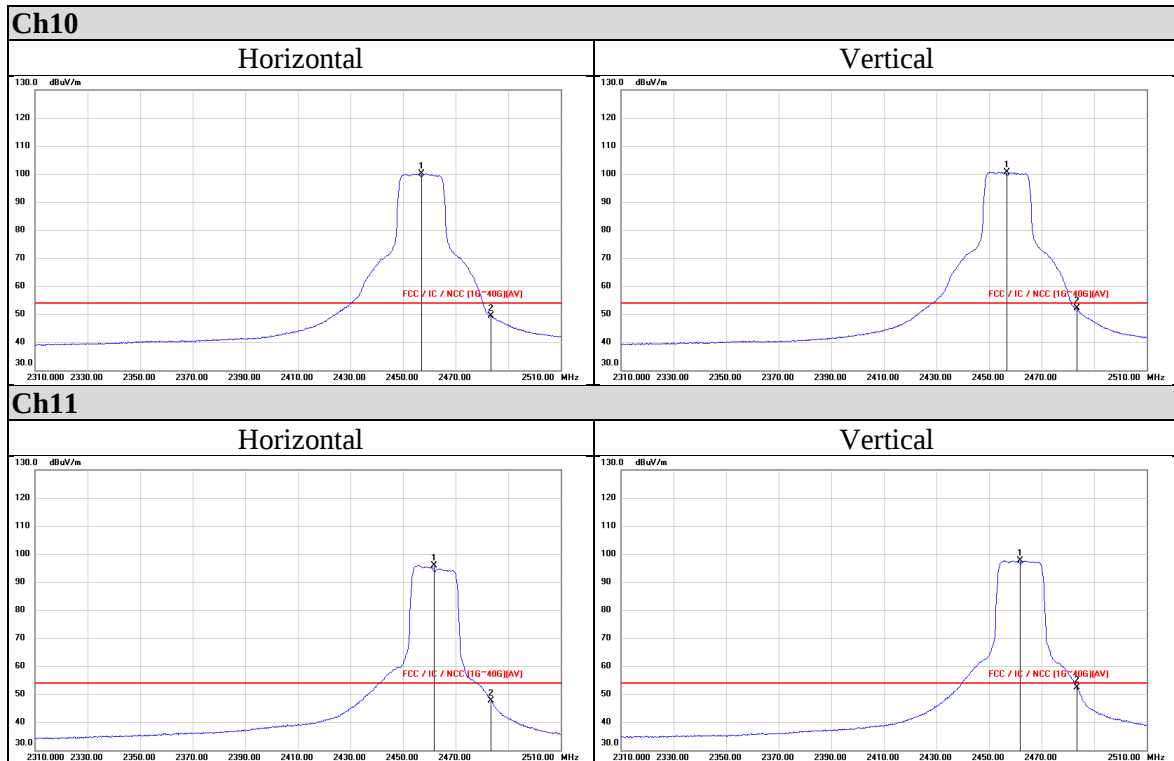
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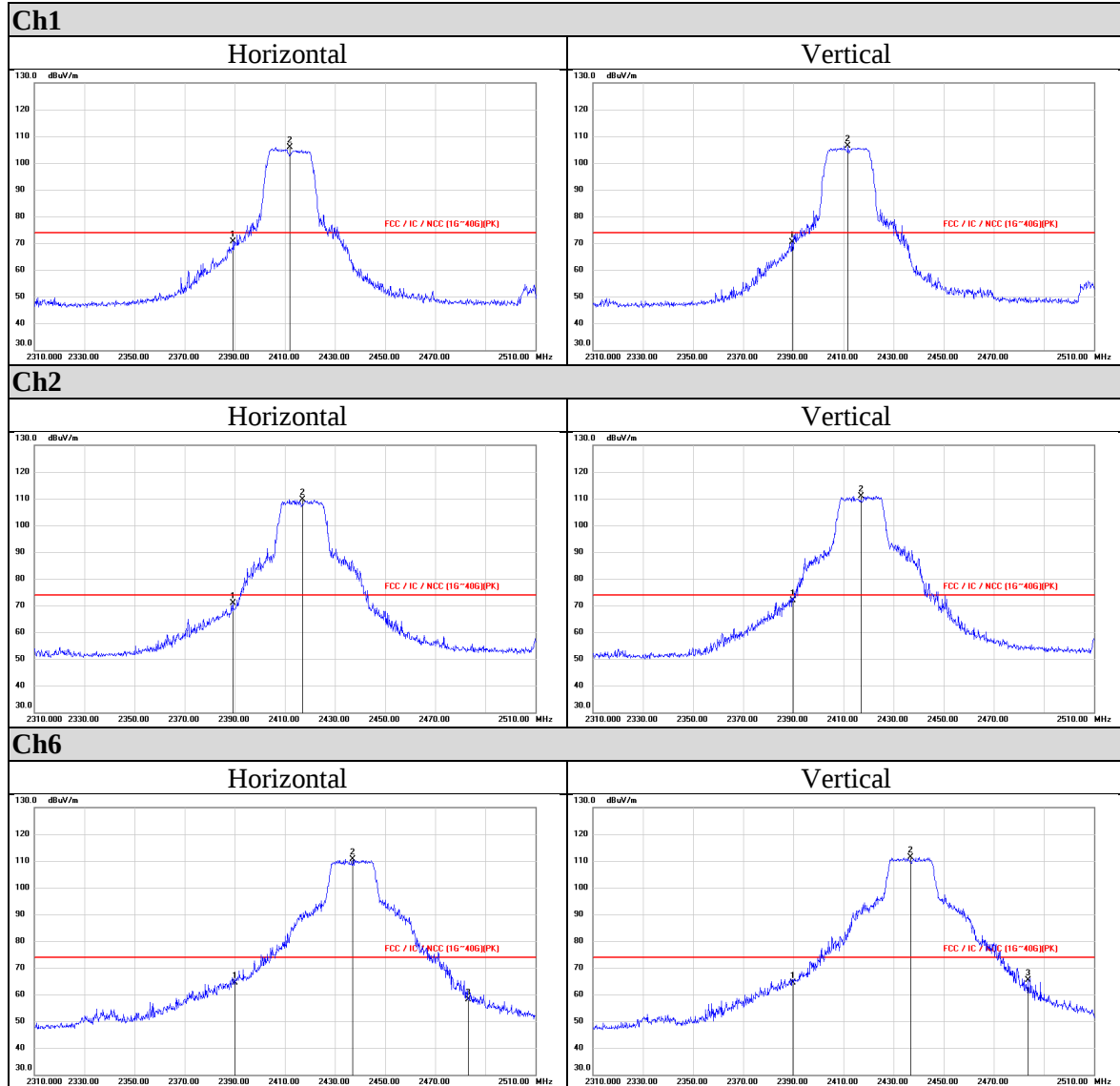
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802.11n (HT20)

Peak



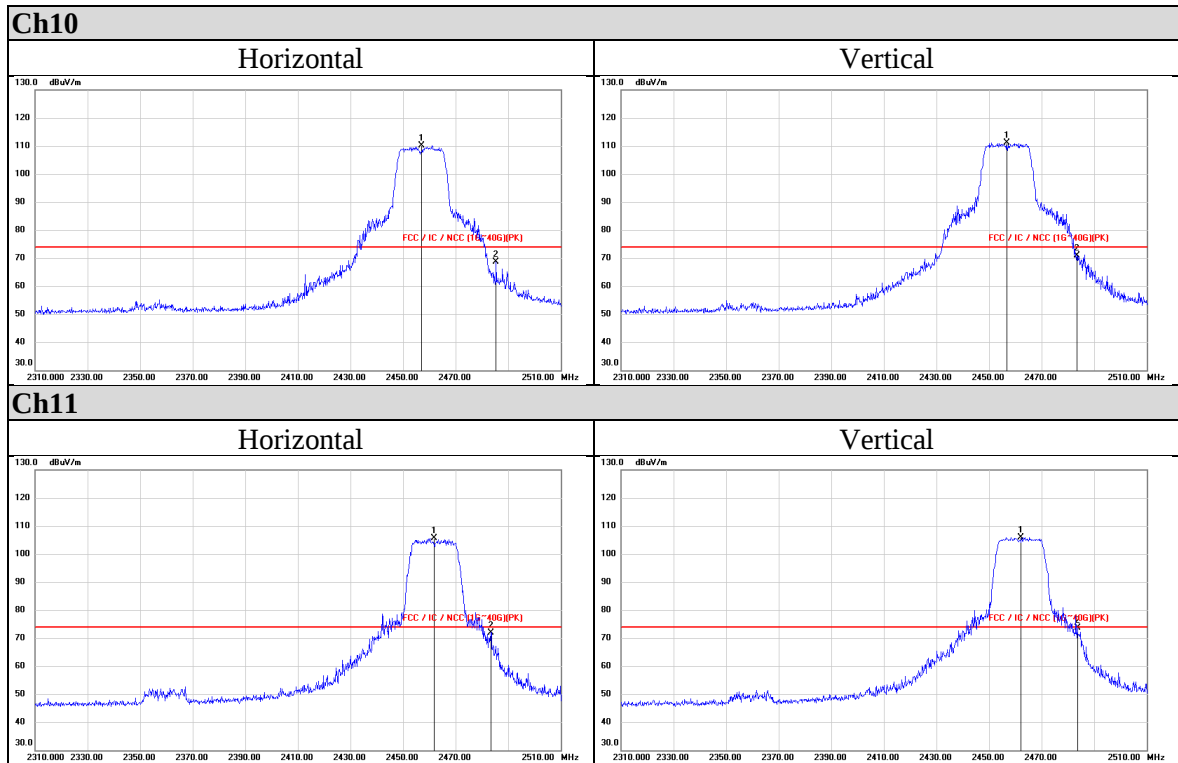
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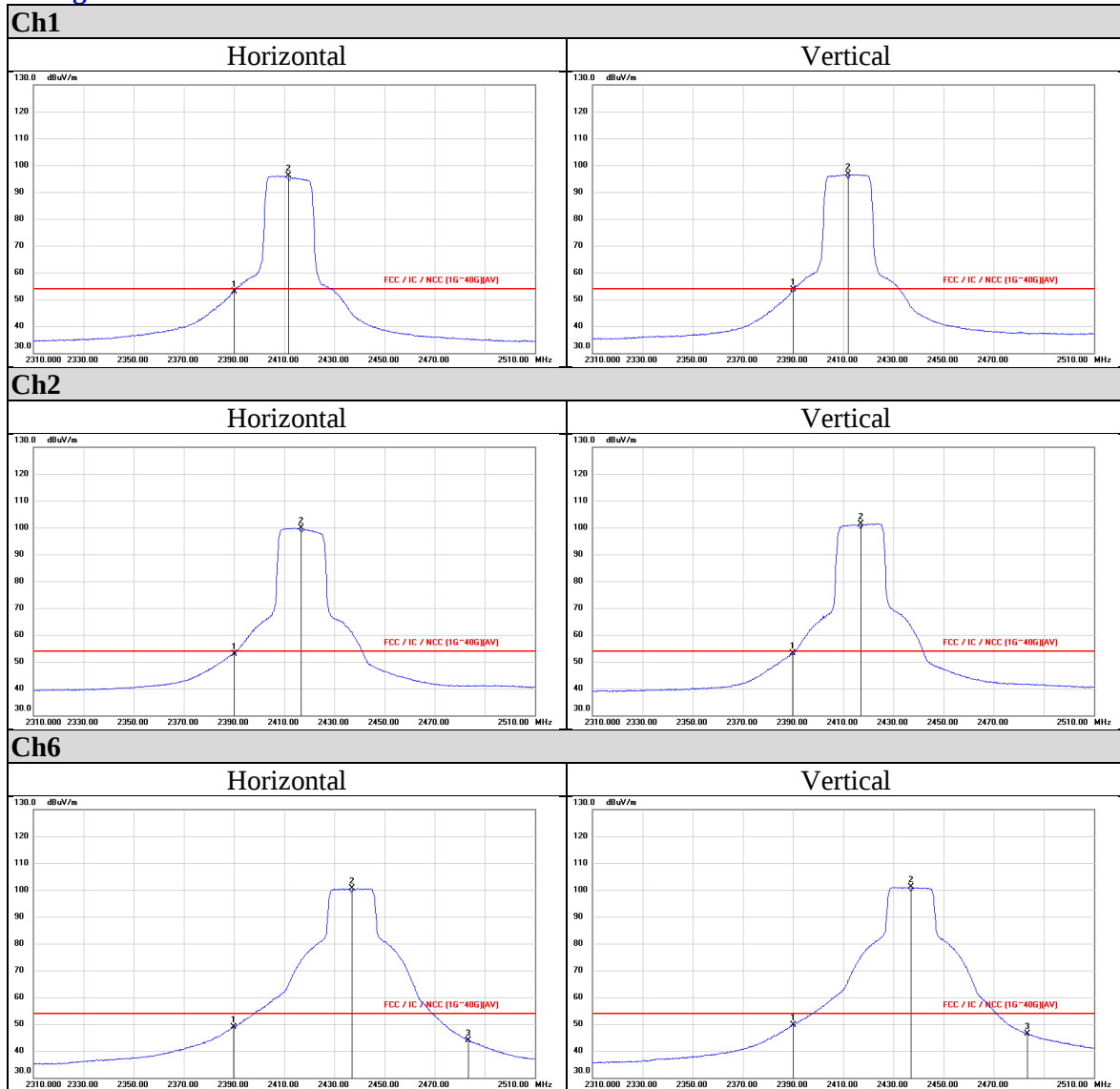
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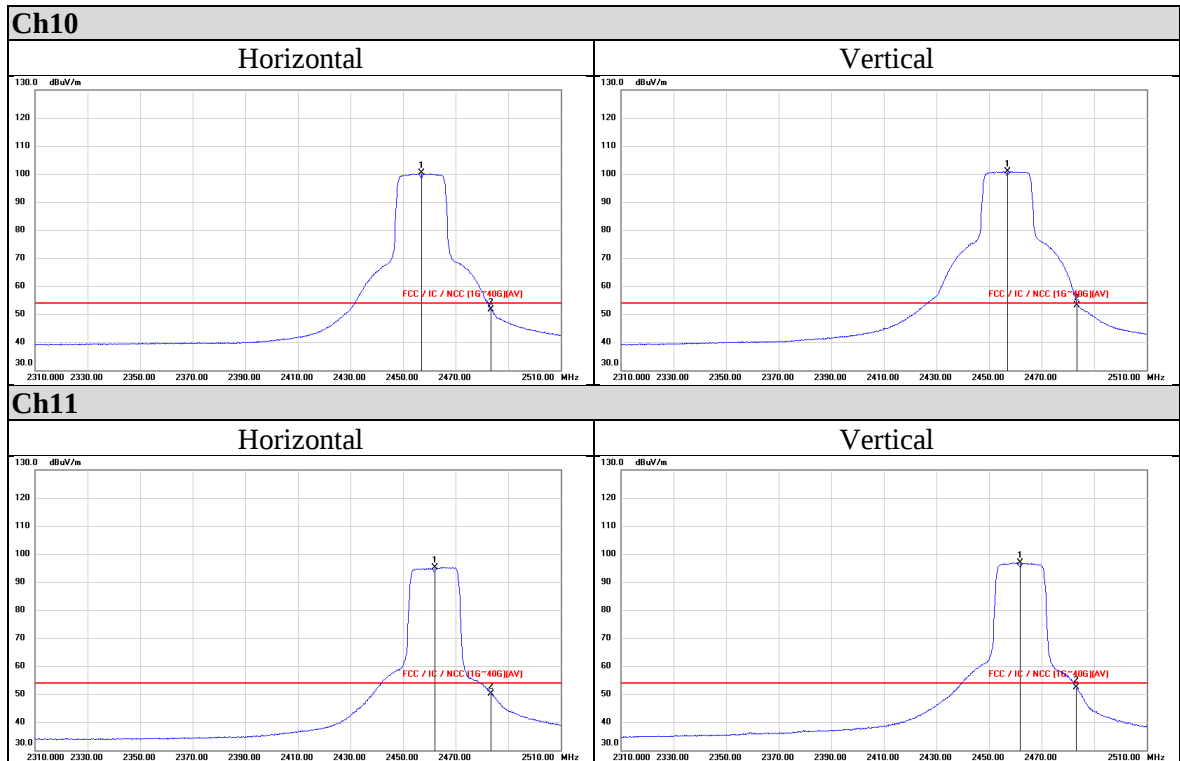
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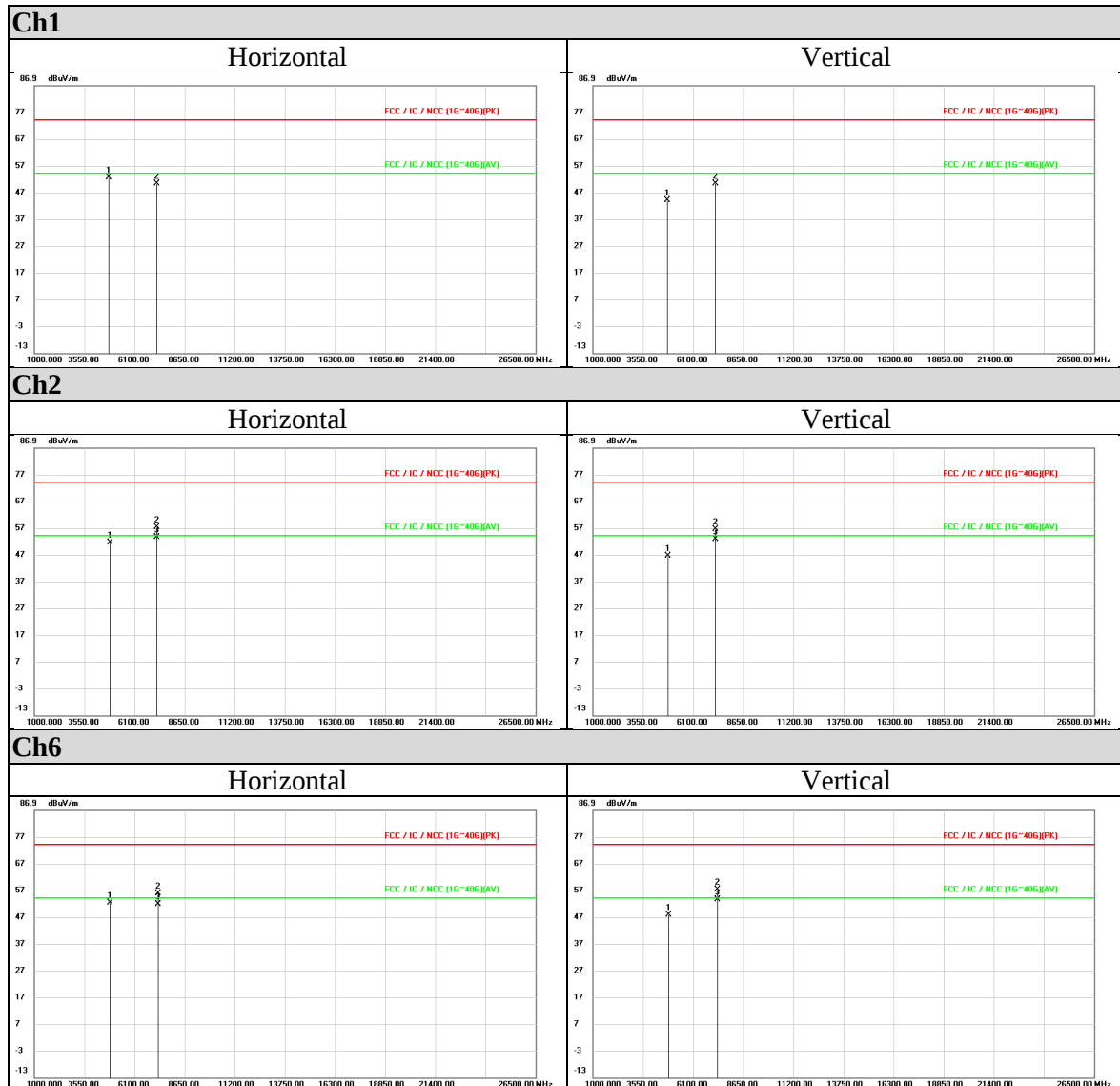
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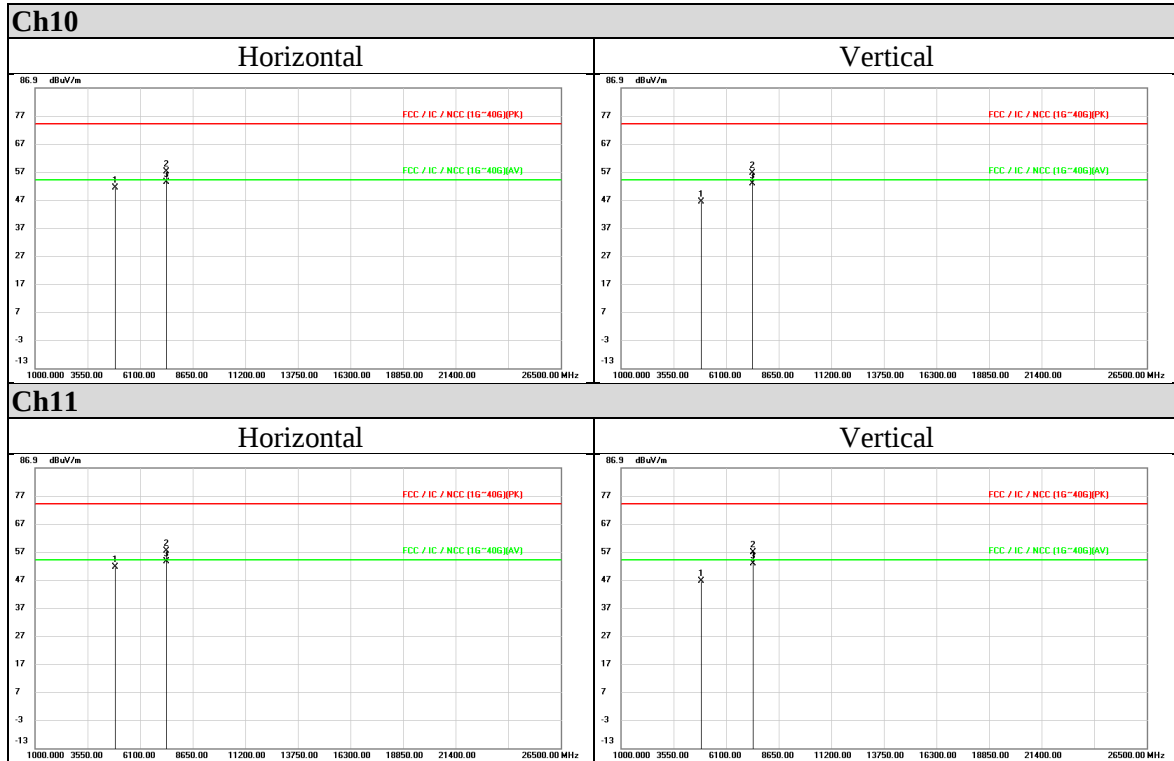




Appendix II Radiated Spurious Emission Measurement

802.11b

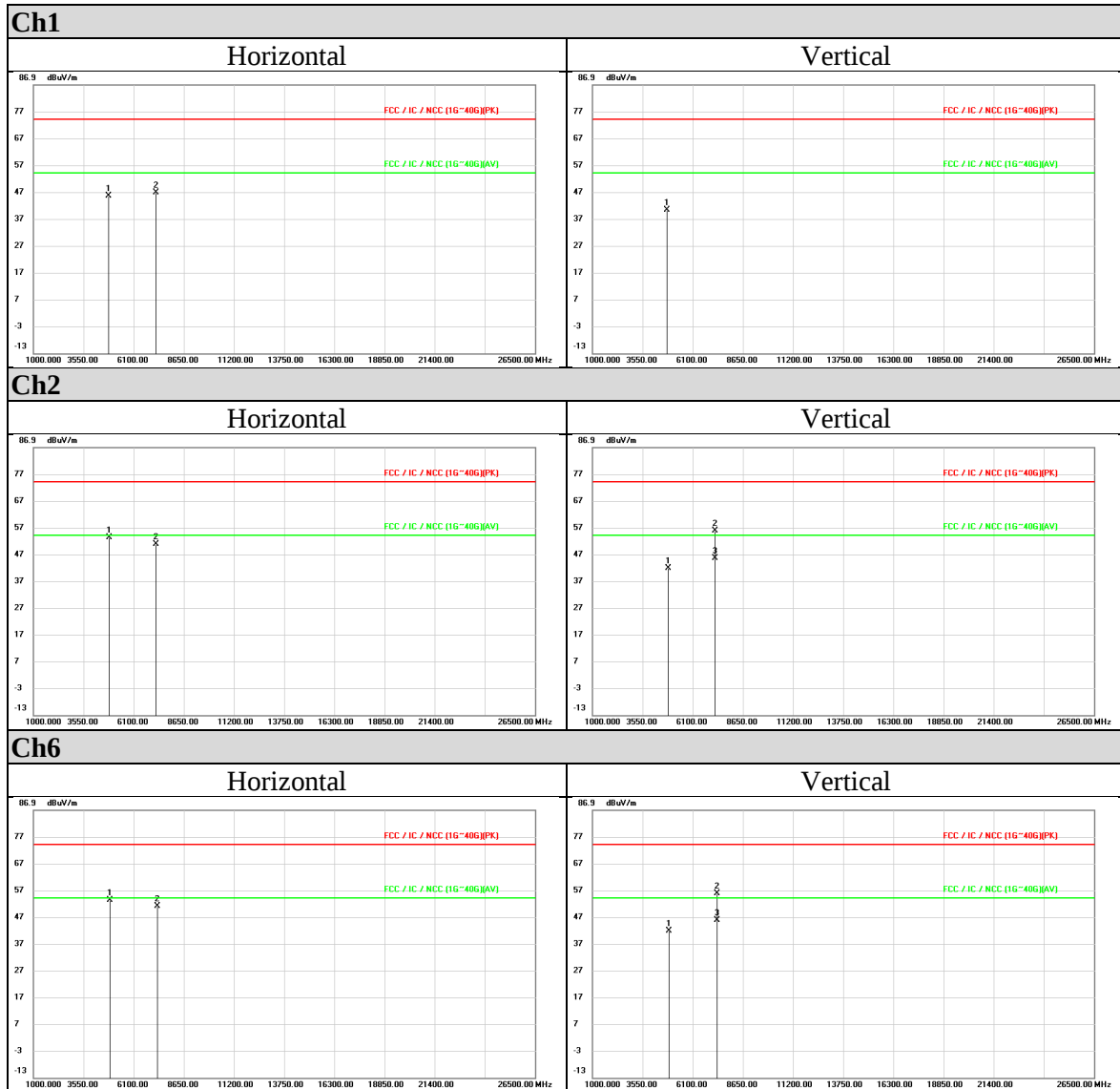






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802.11g



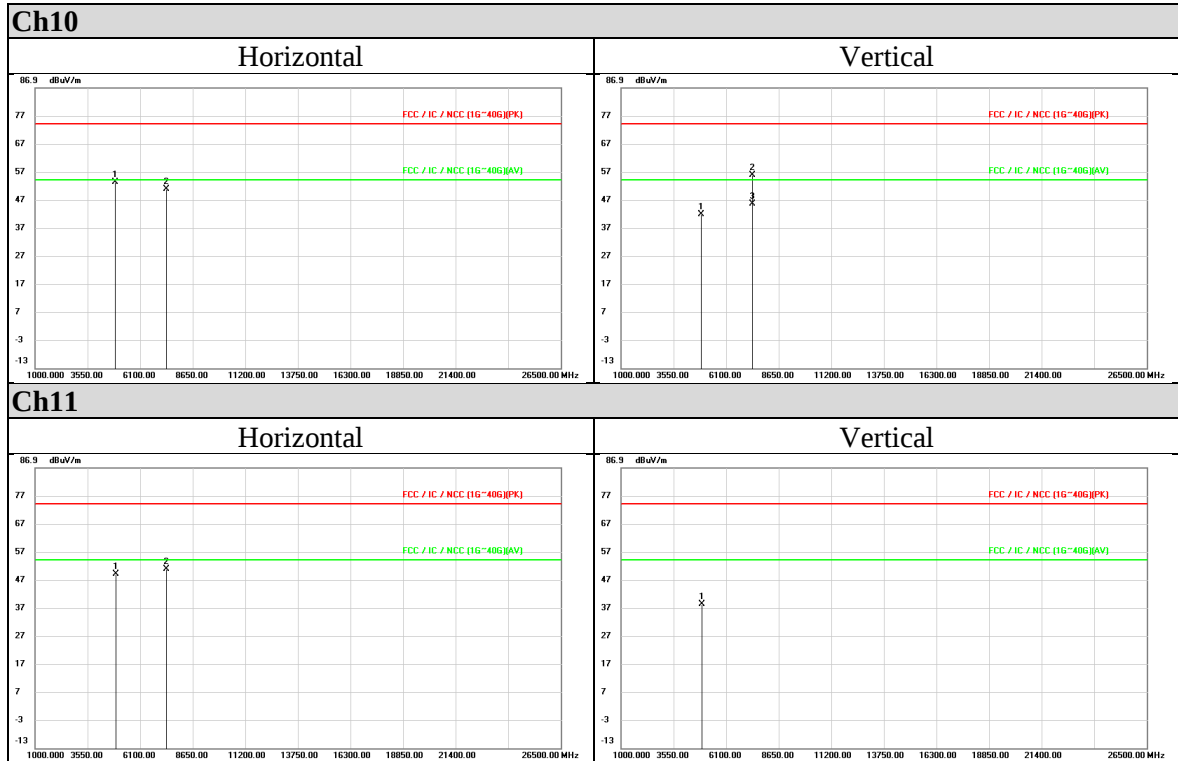
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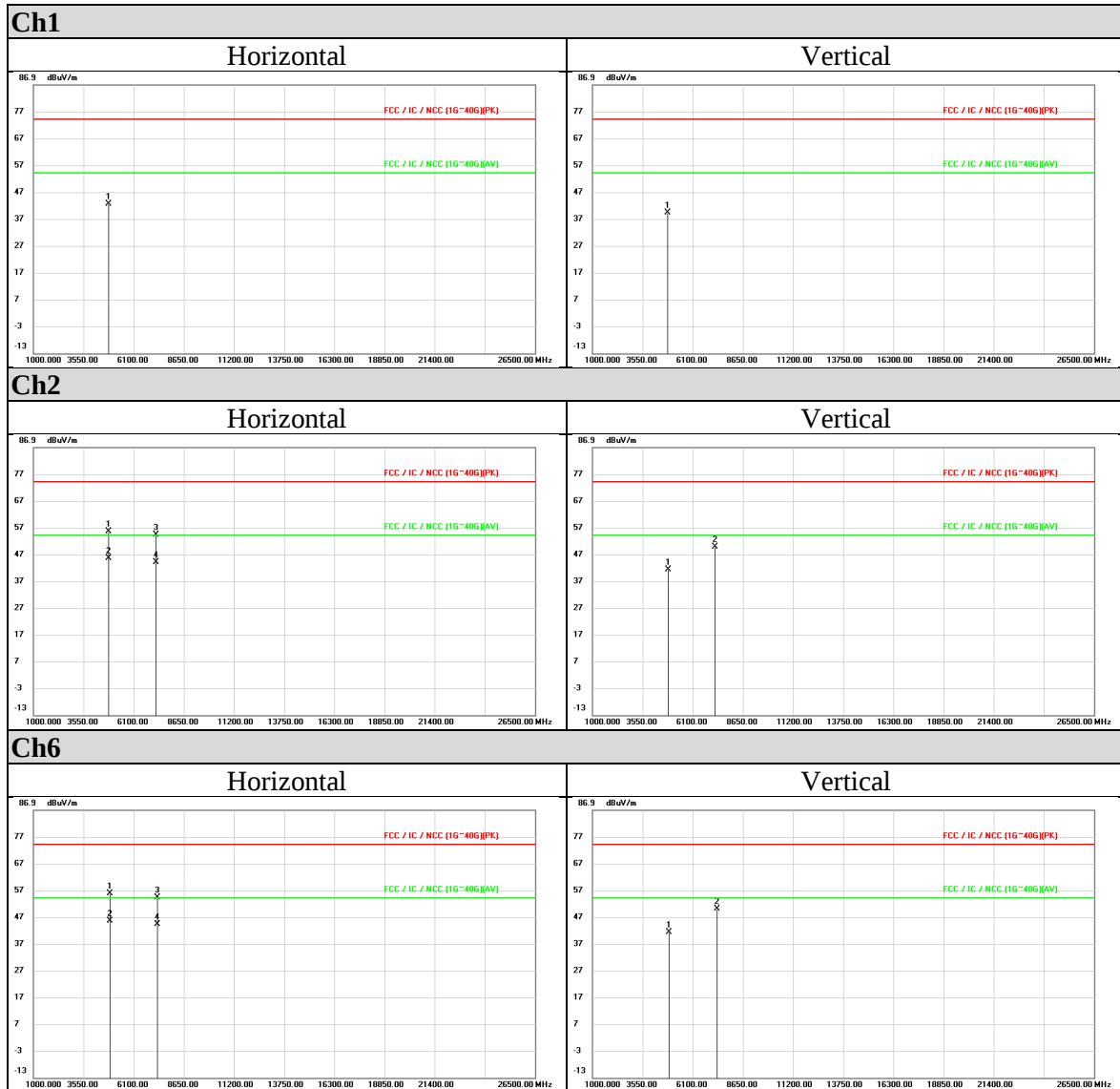
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802.11n (HT20)



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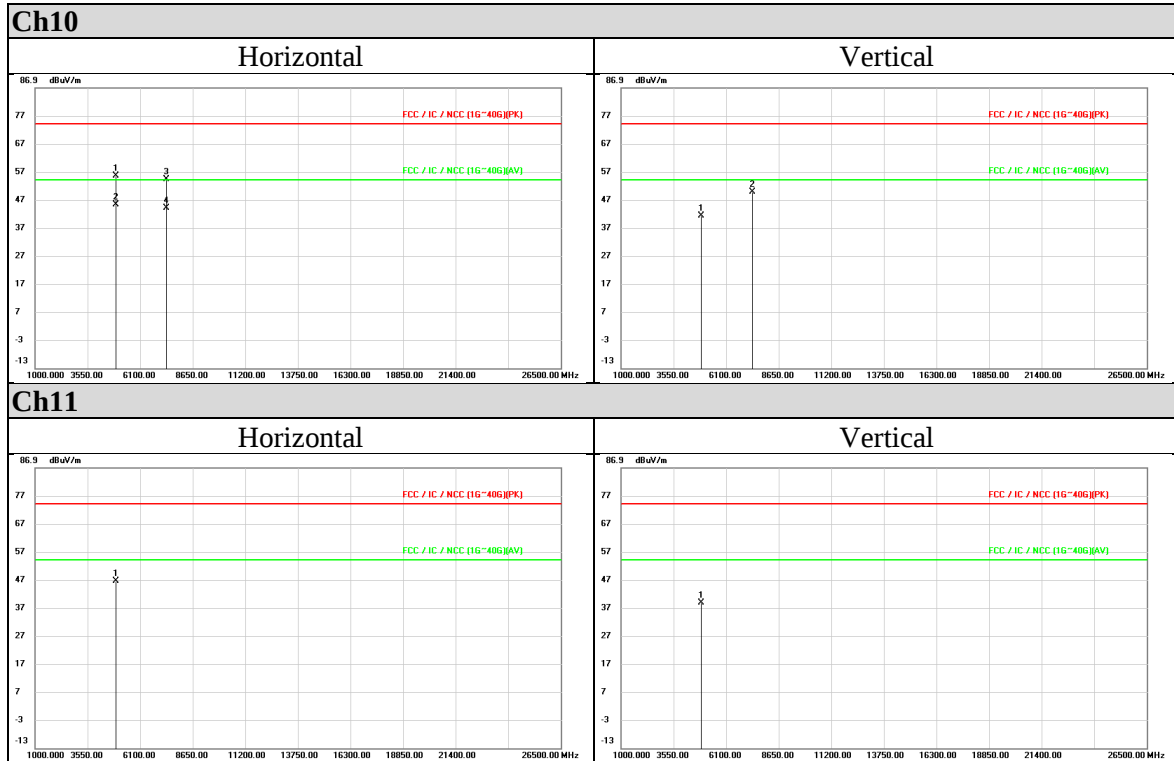
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