



OFDMA

CHAN.	FREQ. (MHz)	PSD (dBm/MHz)		TOTAL PSD with duty factor (dBm/MHz)	MAX. LIMIT (dBm/MHz)	PASS / FAIL
		Chain 0	Chain 1			
36	5180	0.86	3.35	6.36	10.75	PASS
44	5220	1.02	3.67	6.62	10.75	PASS
48	5240	0.79	3.56	6.47	10.75	PASS
52	5260	0.69	3.24	6.23	10.75	PASS
60	5300	1.67	4.05	7.1	10.75	PASS
64	5320	1.44	4.33	7.2	10.75	PASS
100	5500	1.58	3.63	6.81	10.75	PASS
116	5580	1.24	2.39	5.93	10.75	PASS
140	5700	1.17	3.38	6.49	10.75	PASS
144 (U-NII-2c Band)	5720	0.86	3.14	6.23	10.75	PASS

Note:

1. Method a) of power density measurement of KDB 662911 is using for calculating total power density.
Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 6.25 dBi > 6 dBi , so the limit shall be reduced.
3. Refer to section 6.6 for duty cycle spectrum plot.

Underwriters Laboratories Taiwan Co., Ltd.

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Doc No: 17-EM-F0878 / 5.0



802.11ax (HE40)

OFDM

CHAN.	FREQ. (MHz)	PSD (dBm/MHz)		TOTAL PSD with duty factor (dBm/MHz)	MAX. LIMIT (dBm/MHz)	PASS / FAIL
		Chain 0	Chain 1			
38	5190	-7.01	-3.49	-0.61	10.75	PASS
46	5230	-2.72	0.15	3.24	10.75	PASS
54	5270	-1.07	1.42	4.64	10.75	PASS
62	5310	-4.83	-2.63	0.7	10.75	PASS
102	5510	-4.65	-2.19	1.04	10.75	PASS
110	5550	-0.49	1.27	4.77	10.75	PASS
134	5670	-0.93	0.47	4.12	10.75	PASS
142 (U-NII-2c Band)	5710	-0.95	1.28	4.6	10.75	PASS

OFDMA

CHAN.	FREQ. (MHz)	PSD (dBm/MHz)		TOTAL PSD with duty factor (dBm/MHz)	MAX. LIMIT (dBm/MHz)	PASS / FAIL
		Chain 0	Chain 1			
38	5190	-7.04	-3.50	-0.06	10.75	PASS
46	5230	-3.93	-0.81	2.76	10.75	PASS
54	5270	-2.56	0.29	3.96	10.75	PASS
62	5310	-6.19	-4.09	-0.15	10.75	PASS
102	5510	-5.38	-2.79	0.97	10.75	PASS
110	5550	-1.87	0.46	4.31	10.75	PASS
134	5670	-1.86	-0.32	3.84	10.75	PASS
142 (U-NII-2c Band)	5710	-2.34	0.09	3.9	10.75	PASS

Note:

- Method a) of power density measurement of KDB 662911 is using for calculating total power density.
Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
- Directional gain = 6.25 dBi > 6 dBi , so the limit shall be reduced.
- Refer to section 6.6 for duty cycle spectrum plot.

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802.11ax (HE80)

OFDM

CHAN.	FREQ. (MHz)	PSD (dBm/MHz)		TOTAL PSD with duty factor (dBm/MHz)	MAX. LIMIT (dBm/MHz)	PASS / FAIL
		Chain 0	Chain 1			
42	5210	-9.55	-5.88	-2.11	10.75	PASS
58	5290	-8.06	-5.09	-1.1	10.75	PASS
106	5530	-7.43	-5.89	-1.36	10.75	PASS
122	5610	-3.91	-2.61	2.02	10.75	PASS
138 (U-NII-2c Band)	5690	-3.67	-2.90	1.96	10.75	PASS

OFDMA

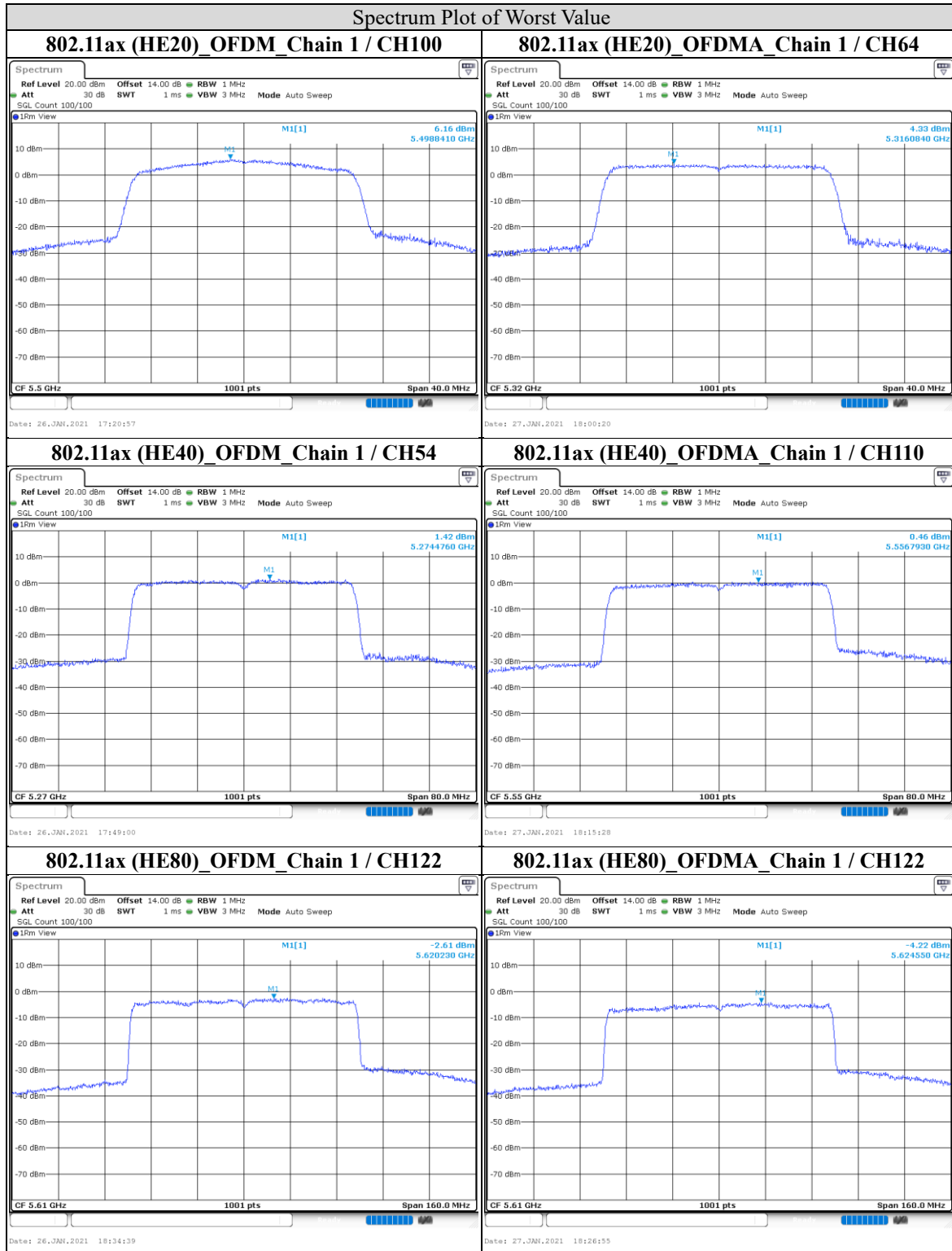
CHAN.	FREQ. (MHz)	PSD (dBm/MHz)		TOTAL PSD with duty factor (dBm/MHz)	MAX. LIMIT (dBm/MHz)	PASS / FAIL
		Chain 0	Chain 1			
42	5210	-10.27	-7.03	-2.1	10.75	PASS
58	5290	-9.66	-6.21	-1.35	10.75	PASS
106	5530	-10.33	-7.93	-2.72	10.75	PASS
122	5610	-6.44	-4.22	1.06	10.75	PASS
138 (U-NII-2c Band)	5690	-5.71	-4.26	1.33	10.75	PASS

Note:

1. Method a) of power density measurement of KDB 662911 is using for calculating total power density.
Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 6.25 dBi > 6 dBi , so the limit shall be reduced.
3. Refer to section 6.6 for duty cycle spectrum plot.

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Doc No: 17-EM-F0878 / 5.0



For U-NII-3 band

Non-Beamforming mode

802.11a

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-4.13	-3.13	-0.59	1.63	2.08	29.75	Pass
149	5745	1.08	3.67	5.58	7.80	8.25	29.75	Pass
157	5785	1.78	3.83	5.94	8.16	8.61	29.75	Pass
165	5825	2.49	4.56	6.66	8.88	9.33	29.75	Pass

Note:

1. Directional gain = 6.25 dBi > 6 dBi , so the limit shall be reduced.
2. Refer to section 6.6 for duty cycle spectrum plot.
3. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$.

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802.11ax (HE20)

OFDM

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-3.77	-1.96	0.24	2.46	3.01	29.75	Pass
149	5745	-0.44	0.46	3.04	5.26	5.81	29.75	Pass
157	5785	-0.72	0.62	3.01	5.23	5.78	29.75	Pass
165	5825	-0.70	1.12	3.31	5.53	6.08	29.75	Pass

OFDMA

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-4.10	-2.50	-0.22	2.00	3.03	29.75	Pass
149	5745	-3.35	-1.76	0.53	2.75	3.78	29.75	Pass
157	5785	-3.53	-2.20	0.2	2.42	3.45	29.75	Pass
165	5825	-3.67	-1.14	0.79	3.01	4.04	29.75	Pass

Note:

1. Directional gain = 6.25 dBi > 6 dBi , so the limit shall be reduced.
2. Refer to section 6.6 for duty cycle spectrum plot.
3. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$.

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802.11ax (HE40)

OFDM

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
142 (U-NII-3)	5710	-6.52	-3.80	-1.94	0.28	1.48	29.75	Pass
151	5755	-4.72	-2.90	-0.71	1.51	2.71	29.75	Pass
159	5795	-5.13	-3.01	-0.93	1.29	2.49	29.75	Pass

OFDMA

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
142 (U-NII-3)	5710	-7.59	-5.27	-3.27	-1.05	0.83	29.75	Pass
151	5755	-6.08	-4.42	-2.16	0.06	1.94	29.75	Pass
159	5795	-6.89	-4.95	-2.8	-0.58	1.3	29.75	Pass

Note:

1. Directional gain = 6.25 dBi > 6 dBi , so the limit shall be reduced.
2. Refer to section 6.6 for duty cycle spectrum plot.
3. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$.

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802.11ax (HE80)

OFDM

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
138 (U-NII-3)	5690	-10.13	-8.31	-6.12	-3.90	-1.46	29.75	Pass
155	5775	-8.87	-7.10	-4.89	-2.67	-0.23	29.75	Pass

OFDMA

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
138 (U-NII-3)	5690	-11.91	-9.22	-7.35	-5.13	-1.89	29.75	Pass
155	5775	-10.74	-9.04	-6.8	-4.58	-1.34	29.75	Pass

Note:

1. Directional gain = 6.25 dBi > 6 dBi , so the limit shall be reduced.
2. Refer to section 6.6 for duty cycle spectrum plot.
3. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$.

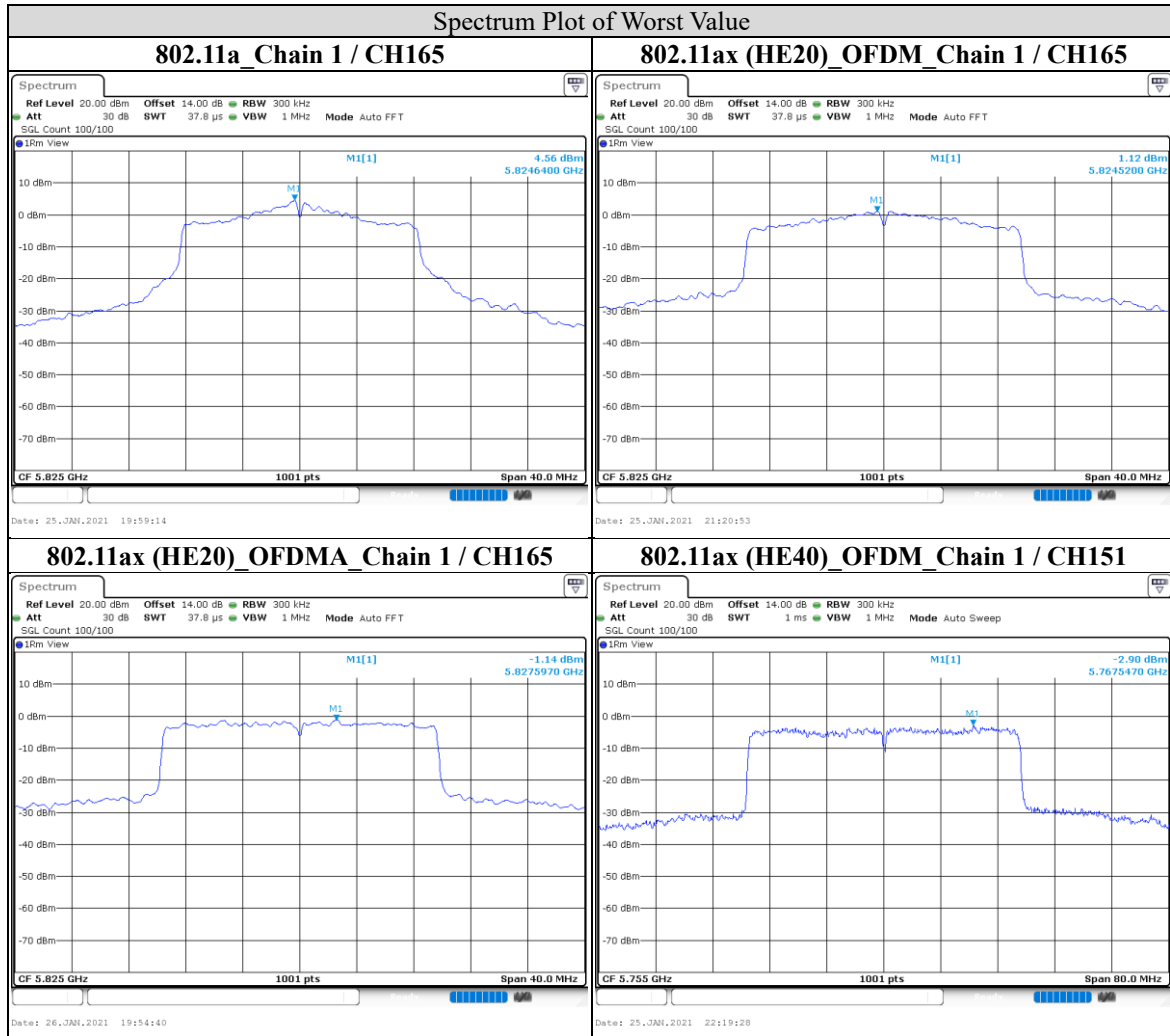
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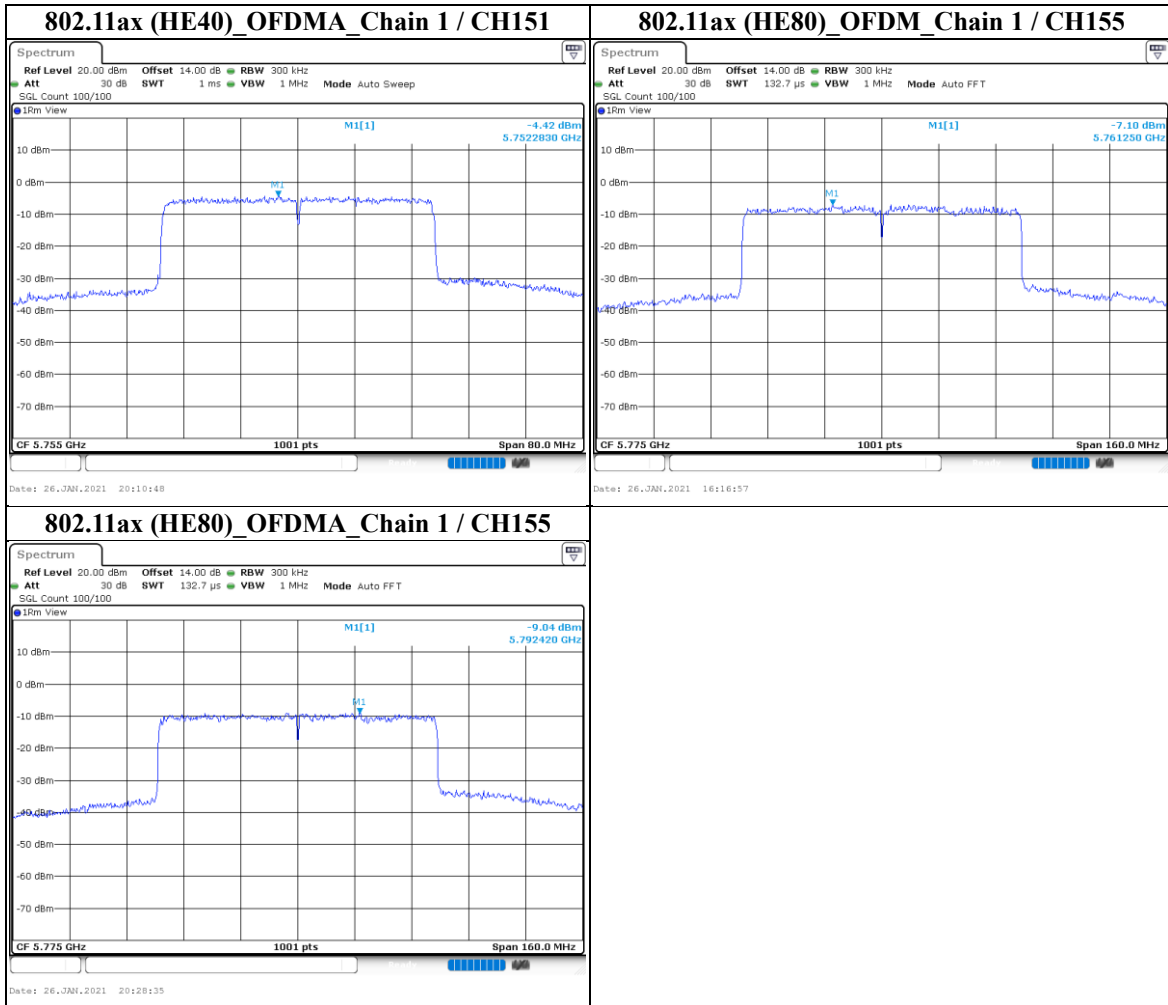


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Beamforming mode

802.11ax (HE20)

OFDM

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-3.47	-2.80	-0.11	2.11	2.66	29.75	Pass
149	5745	-1.13	0.20	2.6	4.82	5.37	29.75	Pass
157	5785	-0.72	0.54	2.97	5.19	5.74	29.75	Pass
165	5825	-0.89	-0.21	2.47	4.69	5.24	29.75	Pass

OFDMA

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-4.24	-3.22	-0.69	1.53	2.6	29.75	Pass
149	5745	-3.72	-2.18	0.13	2.35	3.42	29.75	Pass
157	5785	-3.17	-1.85	0.55	2.77	3.84	29.75	Pass
165	5825	-3.80	-1.32	0.62	2.84	3.91	29.75	Pass

Note:

1. Directional gain = 6.25 dBi > 6 dBi , so the limit shall be reduced.
2. Refer to section 6.6 for duty cycle spectrum plot.
3. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500\text{ kHz}/300\text{kHz})$.

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802.11ax (HE40)

OFDM

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
142 (U-NII-3)	5710	-6.95	-3.92	-2.17	0.05	1.33	29.75	Pass
151	5755	-5.36	-3.55	-1.35	0.87	2.15	29.75	Pass
159	5795	-4.66	-2.43	-0.39	1.83	3.11	29.75	Pass

OFDMA

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
142 (U-NII-3)	5710	-7.88	-5.30	-3.39	-1.17	0.68	29.75	Pass
151	5755	-6.35	-4.38	-2.24	-0.02	1.83	29.75	Pass
159	5795	-6.33	-4.18	-2.11	0.11	1.96	29.75	Pass

Note:

1. Directional gain = 6.25 dBi > 6 dBi , so the limit shall be reduced.
2. Refer to section 6.6 for duty cycle spectrum plot.
3. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$.

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802.11ax (HE80)

OFDM

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
138 (U-NII-3)	5690	-10.06	-7.88	-5.82	-3.60	-1.38	29.75	Pass
155	5775	-8.97	-6.90	-4.8	-2.58	-0.36	29.75	Pass

OFDMA

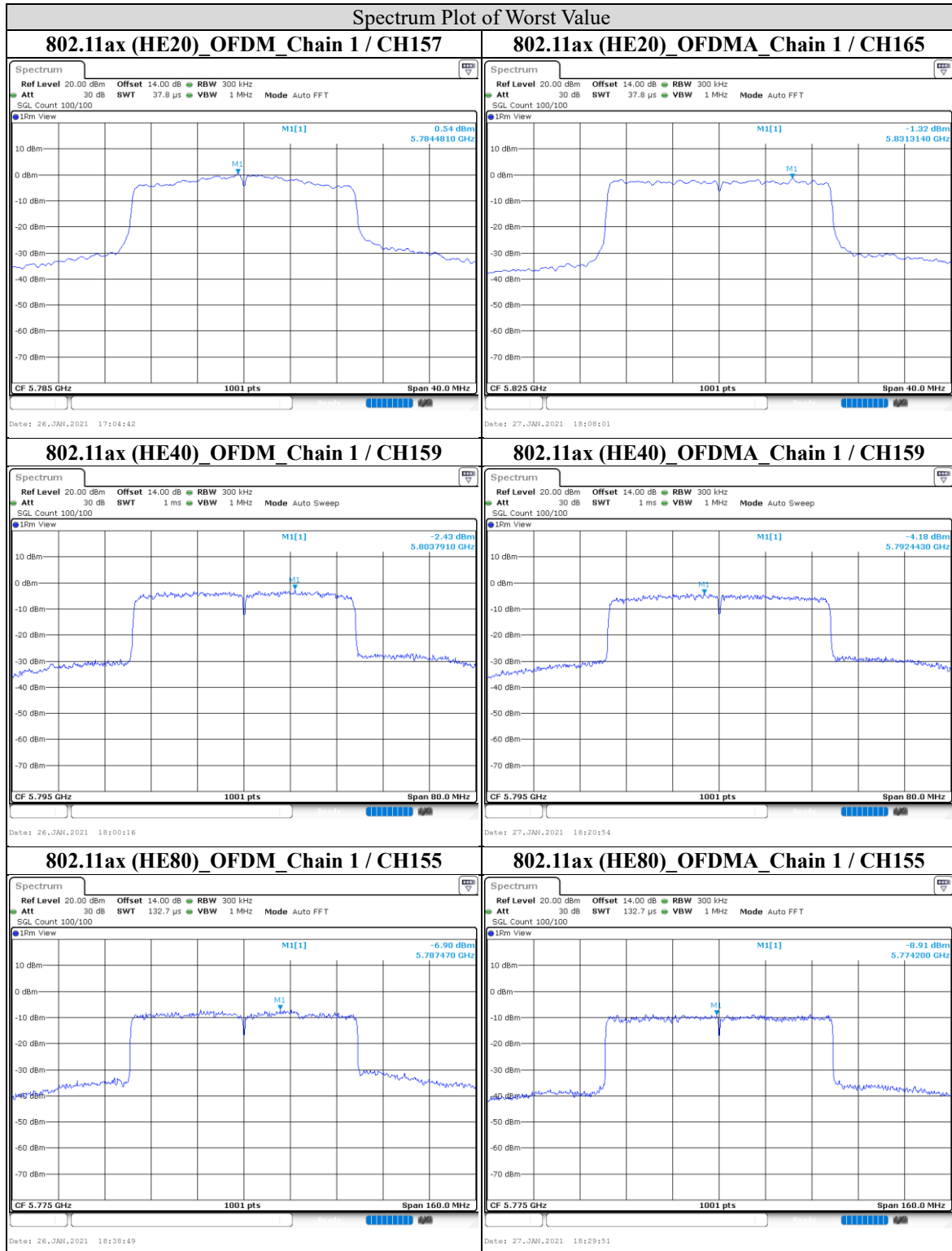
Channel	Frequency (MHz)	PSD w/o duty factor (dBm/300 kHz)		Total PSD w/o BWCF (dBm/300 kHz)	Total PSD with BWCF (dBm/500 kHz)	Total PSD with Duty Factor (dBm/500 kHz)	Limit (dBm/500 kHz)	Pass / Fail
		Chain 0	Chain 1					
138 (U-NII-3)	5690	-12.69	-9.85	-8.03	-5.81	-2.57	29.75	Pass
155	5775	-10.57	-8.91	-6.65	-4.43	-1.19	29.75	Pass

Note:

1. Directional gain = 6.25 dBi > 6 dBi , so the limit shall be reduced.
2. Refer to section 6.6 for duty cycle spectrum plot.
3. Scale the observed power level to an equivalent value in 500 kHz by adjusting (reducing) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500\text{ kHz}/300\text{kHz})$.

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9.6. Frequency Stability

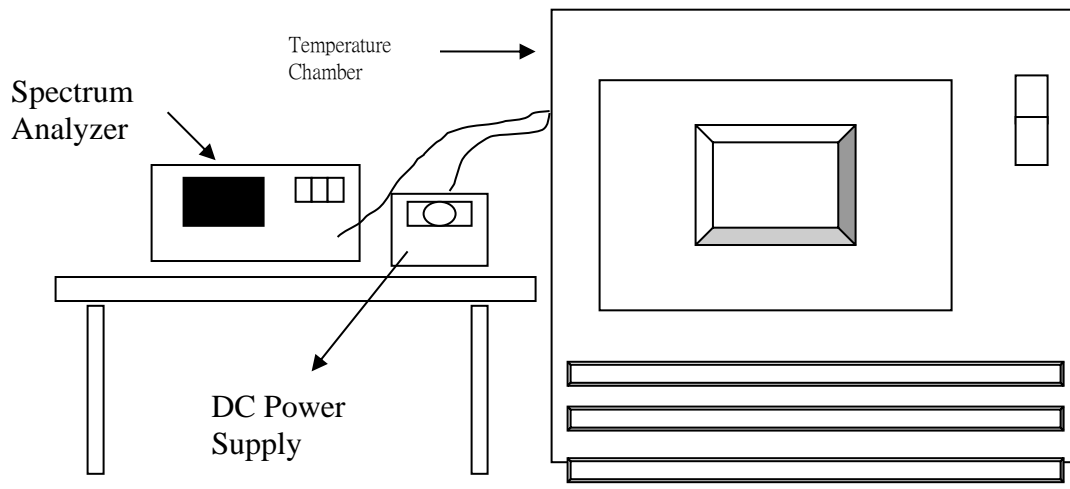
Requirements

The frequency of the carrier signal shall be maintained within band of operation.

Test procedure

- The EUT was placed inside the environmental test chamber and powered by nominal DC voltage.
- Turn the EUT on and couple its output to a spectrum analyzer.
- Turn the EUT off and set the chamber to the highest temperature specified.
- Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 Minutes.
- Repeat step 2 and 3 with the temperature chamber set to the lowest temperature.
- The test chamber was allowed to stabilize at +20 degree C for a minimum of 30 Minutes. The supply voltage was then adjusted on the EUT from 85% to 115% and the frequency record.

Test Setup





Test Data

Non-Beamforming mode

Frequency Stability Versus Temp.									
Operating Frequency: 5180 MHz									
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)
85	120	5179.96758	-6.26	5180.000957	0.18	5180.044688	8.63	5179.946182	-10.39
80	120	5180.062168	12.00	5179.981076	-3.65	5180.041232	7.96	5179.985283	-2.84
70	120	5180.021099	4.07	5180.01944	3.75	5180.046614	9.00	5179.952012	-9.26
60	120	5180.029745	5.74	5179.999345	-0.13	5179.966322	-6.50	5179.929235	-13.66
50	120	5179.942016	-11.19	5180.033646	6.50	5179.929959	-13.52	5180.022946	4.43
40	120	5179.996358	-0.70	5179.971416	-5.52	5179.963142	-7.12	5180.070713	13.65
30	120	5179.967255	-6.32	5179.942201	-11.16	5180.053142	10.26	5180.003287	0.63
20	120	5180.018189	3.51	5180.008522	1.65	5180.04455	8.60	5180.005877	1.13
10	120	5179.92935	-13.64	5180.032839	6.34	5180.036283	7.00	5180.077483	14.96
0	120	5180.023236	4.49	5180.022338	4.31	5179.993376	-1.28	5179.98774	-2.37
-10	120	5180.001764	0.34	5179.947673	-10.10	5180.007291	1.41	5180.025151	4.86
-20	120	5180.021258	4.10	5179.998592	-0.27	5179.994489	-1.06	5179.994089	-1.14
-30	120	5180.003842	0.74	5180.005868	1.13	5180.005459	1.05	5180.014325	2.77
TEMP. (°C)	Power Supply (Vdc)	0 Minute		2 Minute		5 Minute		10 Minute	
		Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)	Measured Frequency (MHz)	Freq. Drift (ppm)
20	102	5180.0114	2.20	5179.99781	-0.42	5179.997636	-0.46	5179.999352	-0.13
20	138	5180.022873	4.42	5180.007061	1.36	5180.000875	0.17	5180.016366	3.16

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9.7. Radiated Spurious Emission

Requirements

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

Frequency(MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

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Doc No: 17-EM-F0878 / 5.0



Limits of unwanted emission out of the restricted bands

Applicable To		Limit	
789033 D02 General UNII Test Procedure New Rules v02r01		Field Strength at 3m	
		PK:74 (dBμV/m)	AV:54 (dBμV/m)
Frequency Band	Applicable To	EIRP Limit	Equivalent Field Strength at 3m
5150~5250 MHz	15.407(b)(1)	PK:-27 (dBm/MHz)	PK:68.2(dBμV/m)
5250~5350 MHz	15.407(b)(2)		
5470~5725 MHz	15.407(b)(3)		
5725~5850 MHz	15.407(b)(4)(i)	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2(dBμV/m) *1 PK:105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK:122.2 (dBμV/m) *4
*1 beyond 75 MHz or more above of the band edge. *2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. *3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. *4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.			

Note:

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts).$$

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Test Procedures

[For 9 kHz ~ 30 MHz]

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. For measurement below 30MHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

[For above 30 MHz]

- a. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
- f. The test-receiver system was set to peak and average detects function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

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Note:

- a. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
- b. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.
- c. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geq 1/T$ (Duty cycle < 98%) or 10Hz (Duty cycle $\geq 98\%$) for Average detection (AV) at frequency above 1GHz.

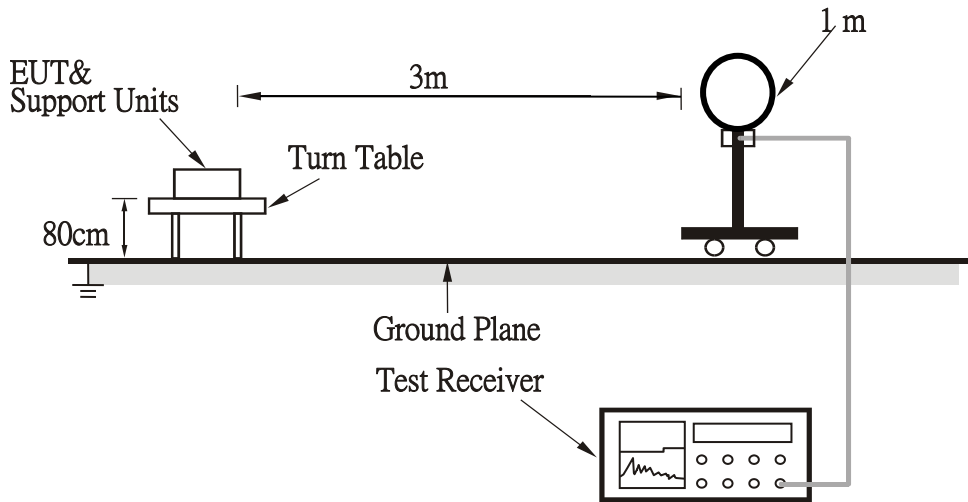
Configuration	Non-Beamforming mode		Beamforming mode	
	Average		Average	
	RBW	RBW	RBW	VBW
802.11a	1MHz	1kHz	1MHz	-
802.11ax (HE20)_OFDM		2kHz		2kHz
802.11ax (HE20)_OFDMA		300Hz		300Hz
802.11ax (HE40)_OFDM		3kHz		3kHz
802.11ax (HE40)_OFDMA		1kHz		510Hz
802.11ax (HE80)_OFDM		5.1kHz		5.1kHz
802.11ax (HE80)_OFDMA		2kHz		2kHz

Note: Refer to section 6.6 for duty cycle.

- d. All modes of operation were investigated (includes all external accessories) and the worst-case emissions are reported.

Test Setup

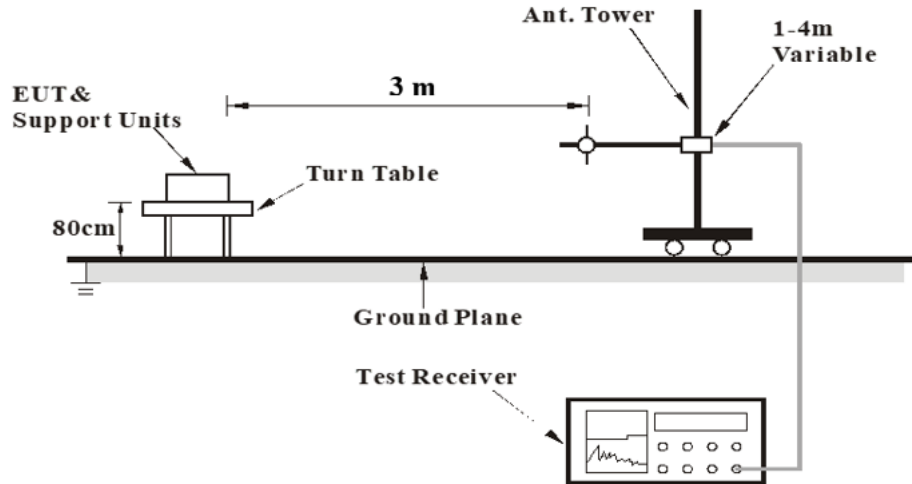
<Frequency Range 9 kHz ~ 30 MHz>



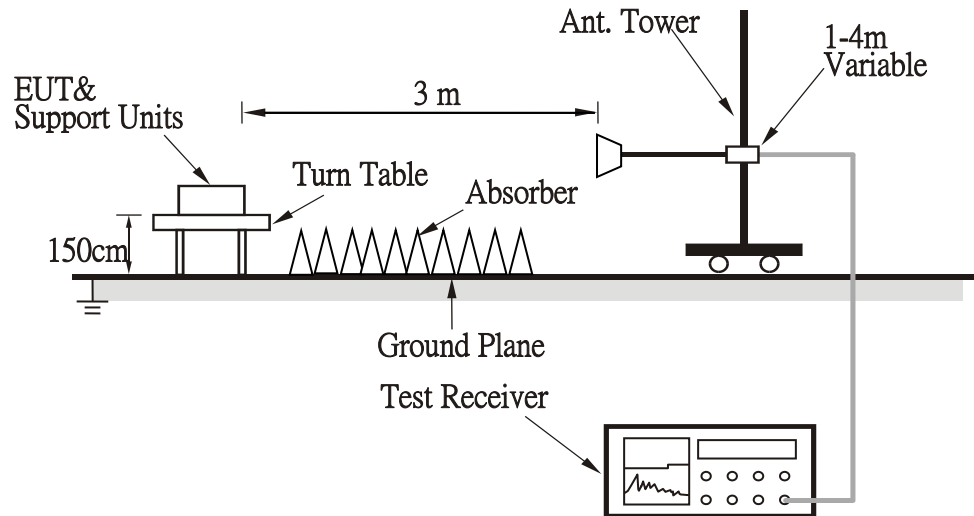
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<Frequency Range 30 MHz ~ 1 GHz >



<Frequency Range above 1 GHz>



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



Test Data

Above 1GHz Data

Non-Beamforming mode

802.11a

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

Antenna Polarity & Test Distance: Horizontal at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10360	32.41	18.98	51.39	68.2	-16.81	Peak
-	5149.4	31.24	14.47	45.71	54	-8.29	Average
@	5180	82.68	14.45	97.13	-	-	Average
-	5147	44.27	14.47	58.74	74	-15.26	Peak
@	5180	89.36	14.45	103.81	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10360	33.98	18.98	52.96	68.2	-15.24	Peak
-	5149.4	36.01	14.47	50.48	54	-3.52	Average
@	5180	92.39	14.45	106.84	-	-	Average
-	5148.8	54.82	14.47	69.29	74	-4.71	Peak
@	5180	101.76	14.45	116.21	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. The 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)	
-	10440	30.99	19.25	50.24	68.2	-17.96	Peak
-	5147.6	30.58	14.46	45.04	54	-8.96	Average
@	5220	83.03	14.38	97.41	-	-	Average
-	5084.6	42.59	14.45	57.04	74	-16.96	Peak
@	5220	92.23	14.38	106.61	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10440	33.71	19.25	52.96	68.2	-15.24	Peak
-	5147.6	34.57	14.46	49.03	54	-4.97	Average
@	5220	94.48	14.38	108.86	-	-	Average
-	5148.8	46.41	14.47	60.88	74	-13.12	Peak
@	5220	101.22	14.38	115.6	-	-	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)	
-	10480	30.24	19.31	49.55	68.2	-18.65	Peak
-	5107.4	30.25	14.51	44.76	54	-9.24	Average
@	5240	81.58	14.32	95.9	-	-	Average
-	5076.2	43.11	14.43	57.54	74	-16.46	Peak
@	5240	90.87	14.32	105.19	-	-	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)	
-	10480	31.45	19.31	50.76	68.2	-17.44	Peak
-	5149.4	33.07	14.47	47.54	54	-6.46	Average
@	5240	93.28	14.32	107.6	-	-	Average
-	5145.8	44.16	14.47	58.63	74	-15.37	Peak
@	5240	103.74	14.32	118.06	-	-	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 other emission levels were very low against the limit.

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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)	
-	10520	29.47	19.37	48.84	68.2	-19.36	Peak
@	5260	83.36	14.3	97.66	-	-	Average
-	5459.4	28.11	14.78	42.89	54	-11.11	Average
@	5260	90.5	14.3	104.8	-	-	Peak
-	5411.7	40.17	14.55	54.72	74	-19.28	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)	
-	10520	29.8	19.37	49.17	68.2	-19.03	Peak
@	5260	93.44	14.3	107.74	-	-	Average
-	5358.3	31.83	14.36	46.19	54	-7.81	Average
@	5260	101.84	14.3	116.14	-	-	Peak
-	5372.7	41.13	14.4	55.53	74	-18.47	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 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)	
-	10600	29.95	19.42	49.37	68.2	-18.83	Peak
@	5300	82.81	14.26	97.07			Average
-	5373.3	29.07	14.4	43.47	54	-10.53	Average
@	5300	91.34	14.26	105.6			Peak
-	5447.1	39.48	14.74	54.22	74	-19.78	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)	
-	10600	30.09	19.42	49.51	68.2	-18.69	Peak
@	5300	92.89	14.26	107.15	-	-	Average
-	5378.7	35.43	14.42	49.85	54	-4.15	Average
@	5300	92.75	14.26	107.01	-	-	Peak
-	5351.1	35.72	14.33	50.05	74	-23.95	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. The 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)	
*	10640	29.13	19.52	48.65	74	-25.35	Peak
@	5320	82.75	14.29	97.04	-	-	Average
-	5350.2	31.46	14.33	45.79	54	-8.21	Average
@	5320	92.26	14.29	106.55	-	-	Peak
-	5353.2	45.22	14.34	59.56	74	-14.44	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	10640	29.13	19.52	48.65	74	-25.35	Peak
@	5320	93.43	14.29	107.72	-	-	Average
-	5350.5	38.62	14.33	52.95	54	-1.05	Average
@	5320	101.55	14.29	115.84	-	-	Peak
-	5353.5	53.59	14.34	67.93	74	-6.07	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 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)	
*	11000	28.44	20.17	48.61	74	-25.39	Peak
-	5449	30.01	14.75	44.76	54	-9.24	Average
-	5449	40.03	14.75	54.78	74	-19.22	Peak
-	5466.85	41.86	14.8	56.66	68.2	-11.54	Peak
@	5500	79.54	14.91	94.45	-	-	Average
@	5500	89.52	14.91	104.43	-	-	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)	
*	11000	29.18	20.17	49.35	74	-24.65	Peak
-	5454.95	36.22	14.76	50.98	54	-3.02	Average
-	5454.95	48.61	14.76	63.37	74	-10.63	Peak
-	5468.95	52.37	14.81	67.18	68.2	-1.02	Peak
@	5500	90.12	14.91	105.03	-	-	Peak
@	5500	100.32	14.91	115.23	-	-	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 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)	
*	11160	29.63	20.12	49.75	74	-24.25	Peak
-	5455.3	27.22	14.76	41.98	54	-12.02	Average
-	5455.3	38.52	14.76	53.28	74	-20.72	Peak
-	5466.15	38.87	14.8	53.67	68.2	-14.53	Peak
@	5580	79.52	15.1	94.62	-	-	Average
@	5580	89.4	15.1	104.5	-	-	Peak
-	5738.1	40.25	15.43	55.68	68.2	-12.52	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)	
*	11160	29.87	20.12	49.99	74	-24.01	Peak
-	5435.7	28.64	14.67	43.31	54	-10.69	Average
-	5435.7	39.73	14.67	54.4	74	-19.6	Peak
-	5468.6	39.66	14.81	54.47	68.2	-13.73	Peak
@	5580	91.02	15.1	106.12	-	-	Average
@	5580	101.07	15.1	116.17	-	-	Peak
-	5741.25	41	15.46	56.46	68.2	-11.74	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 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)	
*	11400	29.52	20.4	49.92	74	-24.08	Peak
@	5700	78.33	15.22	93.55	-	-	Average
@	5700	88.11	15.22	103.33	-	-	Peak
-	5726.9	45.67	15.37	61.04	68.2	-7.16	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)	
*	11400	29.09	20.4	49.49	74	-24.51	Peak
@	5700	90.07	15.22	105.29	-	-	Average
@	5700	100.2	15.22	115.42	-	-	Peak
-	5734.6	51.03	15.42	66.45	68.2	-1.75	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 144	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)	
*	11440	30.08	20.5	50.58	74	-23.42	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)	
*	11440	29.14	20.5	49.64	74	-24.36	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. " * ": 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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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)	
*	11490	30.74	20.63	51.37	74	-22.63	Peak
-	5587	39.94	15.11	55.05	68.2	-13.15	Peak
-	5725	54.54	15.36	69.9	122.2	-52.3	Peak
@	5745	78.95	15.48	94.43	-	-	Average
@	5745	89.7	15.48	105.18	-	-	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)	
*	11490	28.77	20.63	49.4	74	-24.6	Peak
-	5650	41.11	15.14	56.25	68.2	-11.95	Peak
-	5723.5	63.11	15.35	78.46	118.78	-40.32	Peak
@	5745	89.27	15.48	104.75	-	-	Average
@	5745	99.4	15.48	114.88	-	-	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)	
*	11570	29.17	20.48	49.65	74	-24.35	Peak
-	5558	41.51	15.02	56.53	68.2	-11.67	Peak
-	5708	40.83	15.26	56.09	107.44	-51.35	Peak
@	5785	75.98	15.69	91.67	-	-	Average
@	5785	86.97	15.69	102.66	-	-	Peak
-	5902.5	40.79	16.23	57.02	84.81	-27.79	Peak
-	5994	40.01	16.45	56.46	68.2	-11.74	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)	
*	11570	30.04	20.48	50.52	74	-23.48	Peak
-	5614.5	39.7	15.16	54.86	68.2	-13.34	Peak
-	5724	43.6	15.36	58.96	119.92	-60.96	Peak
@	5785	87.23	15.69	102.92	-	-	Average
@	5785	97.79	15.69	113.48	-	-	Peak
-	5863	43.3	16.09	59.39	108.56	-49.17	Peak
-	5992	40.77	16.44	57.21	68.2	-10.99	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)	
*	11650	28.36	20.23	48.59	74	-25.41	Peak
@	5825	77.55	15.91	93.46	-	-	Average
@	5825	87.83	15.91	103.74	-	-	Peak
-	5850.5	45.99	16.05	62.04	121.06	-59.02	Peak
-	5982	40.49	16.4	56.89	68.2	-11.31	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11650	28.89	20.23	49.12	74	-24.88	Peak
@	5825	89.45	15.91	105.36	-	-	Average
@	5825	99.89	15.91	115.8	-	-	Peak
-	5850	56.71	16.05	72.76	122.2	-49.44	Peak
-	5948	40.5	16.29	56.79	68.2	-11.41	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 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



802.11ax (HE20)

OFDM

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)	
-	10360	30.47	18.98	49.45	68.2	-18.75	Peak
-	5150	31.73	14.47	46.2	54	-7.8	Average
@	5180	78.51	14.45	92.96	-	-	Average
-	5145.2	44.35	14.47	58.82	74	-15.18	Peak
@	5180	88.19	14.45	102.64	-	-	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)	
-	10360	30.14	18.98	49.12	68.2	-19.08	Peak
-	5148.2	38.71	14.47	53.18	54	-0.82	Average
@	5180	89.84	14.45	104.29	-	-	Average
-	5148.2	54.54	14.47	69.01	74	-4.99	Peak
@	5180	99.9	14.45	114.35	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. The 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)	
-	10440	31.34	19.25	50.59	68.2	-17.61	Peak
-	5112.2	30.27	14.5	44.77	54	-9.23	Average
@	5220	79.77	14.38	94.15	-	-	Average
-	5068.7	41.53	14.4	55.93	74	-18.07	Peak
@	5220	89.14	14.38	103.52	-	-	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)	
-	10440	30.38	19.25	49.63	68.2	-18.57	Peak
-	5149.4	34.21	14.47	48.68	54	-5.32	Average
@	5220	90.7	14.38	105.08	-	-	Average
-	5137.1	45.51	14.49	60	74	-14	Peak
@	5220	99.77	14.38	114.15	-	-	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)	
-	10480	30.11	19.31	49.42	68.2	-18.78	Peak
-	5122.1	30.17	14.49	44.66	54	-9.34	Average
@	5240	79.28	14.32	93.6	-	-	Average
-	5082.5	42.55	14.44	56.99	74	-17.01	Peak
@	5240	88.32	14.32	102.64	-	-	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)	
-	10480	30.02	19.31	49.33	68.2	-18.87	Peak
-	5147.6	32.25	14.46	46.71	54	-7.29	Average
@	5240	90	14.32	104.32	-	-	Average
-	5066	42.77	14.39	57.16	74	-16.84	Peak
@	5240	99.57	14.32	113.89	-	-	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 other emission levels were very low against the limit.

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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)	
-	10520	30.97	19.37	50.34	68.2	-17.86	Peak
@	5260	78.58	14.3	92.88	-	-	Average
-	5454.3	28	14.76	42.76	54	-11.24	Average
@	5260	84.51	14.3	98.81	-	-	Peak
-	5458.2	41.64	14.78	56.42	74	-17.58	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)	
-	10520	31.34	19.37	50.71	68.2	-17.49	Peak
@	5260	89.58	14.3	103.88	-	-	Average
-	5352.6	32.12	14.34	46.46	54	-7.54	Average
@	5260	99.88	14.3	114.18	-	-	Peak
-	5430.6	40.65	14.64	55.29	74	-18.71	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)	
-	10600	30.05	19.42	49.47	68.2	-18.73	Peak
@	5300	79.28	14.26	93.54	-	-	Average
-	5350.8	30.31	14.33	44.64	54	-9.36	Average
@	5300	87.67	14.26	101.93	-	-	Peak
-	5359.5	41.84	14.35	56.19	74	-17.81	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10600	30.51	19.42	49.93	68.2	-18.27	Peak
@	5300	89.42	14.26	103.68	-	-	Average
-	5352.6	36.27	14.34	50.61	54	-3.39	Average
@	5300	99.11	14.26	113.37	-	-	Peak
-	5354.4	51.29	14.34	65.63	74	-8.37	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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Doc No: 17-EM-F0878 / 5.0



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)	
*	10640	29.77	19.52	49.29	74	-24.71	Peak
@	5320	77.43	14.29	91.72	-	-	Average
-	5350.2	31.95	14.33	46.28	54	-7.72	Average
@	5320	85.09	14.29	99.38	-	-	Peak
-	5354.7	45.16	14.35	59.51	74	-14.49	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	10640	28.99	19.52	48.51	74	-25.49	Peak
@	5320	88.3	14.29	102.59	-	-	Average
-	5350.8	38.38	14.33	52.71	54	-1.29	Average
@	5320	98.18	14.29	112.47	-	-	Peak
-	5350.8	55.25	14.33	69.58	74	-4.42	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)	
*	11000	30.53	20.17	50.7	74	-23.3	Peak
-	5459.85	36.12	14.78	50.9	54	-3.1	Average
-	5459.85	45.6	14.78	60.38	74	-13.62	Peak
-	5464.4	44.2	14.8	59	68.2	-9.2	Peak
@	5500	78.03	14.91	92.94	-	-	Average
@	5500	87.02	14.91	101.93	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11000	28.89	20.17	49.06	74	-24.94	Peak
-	5457.05	38.96	14.76	53.72	54	-0.28	Average
-	5457.05	49.7	14.76	64.46	74	-9.54	Peak
-	5466.15	52.52	14.8	67.32	68.2	-0.88	Peak
@	5500	89.45	14.91	104.36	-	-	Average
@	5500	99.56	14.91	114.47	-	-	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 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)	
*	11160	29.48	20.12	49.6	74	-24.4	Peak
-	5418.2	29.15	14.58	43.73	54	-10.27	Average
-	5418.2	39.65	14.58	54.23	74	-19.77	Peak
-	5465.45	39.05	14.8	53.85	68.2	-14.35	Peak
@	5580	76.24	15.1	91.34	-	-	Average
@	5580	86.87	15.1	101.97	-	-	Peak
-	5740.2	41.4	15.45	56.85	68.2	-11.35	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)	
*	11160	29.41	20.12	49.53	74	-24.47	Peak
-	5456.7	30.15	14.76	44.91	54	-9.09	Average
-	5456.7	40.85	14.76	55.61	74	-18.39	Peak
-	5467.55	39.96	14.81	54.77	68.2	-13.43	Peak
@	5580	89.55	15.1	104.65	-	-	Average
@	5580	99.86	15.1	114.96	-	-	Peak
-	5743	41.17	15.46	56.63	68.2	-11.57	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 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)	
*	11400	29	20.4	49.4	74	-24.6	Peak
@	5700	75.69	15.22	90.91	-	-	Average
@	5700	85.71	15.22	100.93	-	-	Peak
-	5725.15	44.43	15.36	59.79	68.2	-8.41	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11400	29.28	20.4	49.68	74	-24.32	Peak
@	5700	89.46	15.22	104.68	-	-	Average
@	5700	99.89	15.22	115.11	-	-	Peak
-	5731.8	51.99	15.4	67.39	68.2	-0.81	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "* *": The 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 144	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)	
*	11440	29.02	20.5	49.52	74	-24.48	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)	
*	11440	30.58	20.5	51.08	74	-22.92	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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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)	
*	11490	30.15	20.63	50.78	74	-23.22	Peak
-	5600.5	40.69	15.17	55.86	68.2	-12.34	Peak
-	5724	51.06	15.36	66.42	119.92	-53.5	Peak
@	5745	76.51	15.48	91.99	-	-	Average
@	5745	86.42	15.48	101.9	-	-	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)	
*	11490	28.85	20.63	49.48	74	-24.52	Peak
-	5643.5	41.78	15.14	56.92	68.2	-11.28	Peak
-	5722	62.42	15.35	77.77	115.36	-37.59	Peak
@	5745	86.32	15.48	101.8	-	-	Average
@	5745	96.57	15.48	112.05	-	-	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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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)	
*	11570	30.48	20.48	50.96	74	-23.04	Peak
-	5612	40.94	15.17	56.11	68.2	-12.09	Peak
-	5718.5	40.54	15.32	55.86	110.38	-54.52	Peak
@	5785	77.34	15.69	93.03	-	-	Average
@	5785	87.16	15.69	102.85	-	-	Peak
-	5900	40.04	16.23	56.27	86.66	-30.39	Peak
-	5932	40.16	16.27	56.43	68.2	-11.77	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11570	29.23	20.48	49.71	74	-24.29	Peak
-	5618	41.05	15.16	56.21	68.2	-11.99	Peak
-	5725	44.1	15.36	59.46	122.2	-62.74	Peak
@	5785	90.27	15.69	105.96	-	-	Average
@	5785	100.56	15.69	116.25	-	-	Peak
-	5853.5	42.1	16.07	58.17	114.22	-56.05	Peak
-	5945.5	40.42	16.29	56.71	68.2	-11.49	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 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)	
*	11650	28.76	20.23	48.99	74	-25.01	Peak
@	5825	75.92	15.91	91.83	-	-	Average
@	5825	85.43	15.91	101.34	-	-	Peak
-	5850	42.03	16.05	58.08	122.2	-64.12	Peak
-	5941.5	40.33	16.28	56.61	68.2	-11.59	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)	
*	11650	29.71	20.23	49.94	74	-24.06	Peak
@	5825	86.98	15.91	102.89	-	-	Average
@	5825	97.96	15.91	113.87	-	-	Peak
-	5854	54.97	16.07	71.04	113.08	-42.04	Peak
-	5926.5	40.73	16.26	56.99	68.2	-11.21	Peak

Remarks:

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

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OFDMA

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)	
-	10360	30.29	18.98	49.27	68.2	-18.93	Peak
-	5150	31.32	14.47	45.79	54	-8.21	Average
@	5180	75.97	14.45	90.42	-	-	Average
-	5143.1	45.49	14.47	59.96	74	-14.04	Peak
@	5180	85.75	14.45	100.2	-	-	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)	
-	10360	32.5	18.98	51.48	68.2	-16.72	Peak
-	5149.4	35.31	14.47	49.78	54	-4.22	Average
@	5180	86.8	14.45	101.25	-	-	Average
-	5141.3	52.99	14.47	67.46	74	-6.54	Peak
@	5180	97.15	14.45	111.6	-	-	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)	
-	10440	31.12	19.25	50.37	68.2	-17.83	Peak
-	5133.2	30.24	14.48	44.72	54	-9.28	Average
@	5220	78.9	14.38	93.28	-	-	Average
-	5097.8	42.06	14.5	56.56	74	-17.44	Peak
@	5220	86.27	14.38	100.65	-	-	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)	
-	10440	30.18	19.25	49.43	68.2	-18.77	Peak
-	5149.4	34.61	14.47	49.08	54	-4.92	Average
@	5220	88.77	14.38	103.15	-	-	Average
-	5132.3	45.67	14.49	60.16	74	-13.84	Peak
@	5220	98.49	14.38	112.87	-	-	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)	
-	10480	30.23	19.31	49.54	68.2	-18.66	Peak
-	5116.1	30.22	14.49	44.71	54	-9.29	Average
@	5240	79.05	14.32	93.37	-	-	Average
-	5129.9	42.49	14.49	56.98	74	-17.02	Peak
@	5240	85.72	14.32	100.04	-	-	Peak

Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10480	30.08	19.31	49.39	68.2	-18.81	Peak
-	5142.2	32.25	14.48	46.73	54	-7.27	Average
@	5240	89.67	14.32	103.99	-	-	Average
-	5140.4	41.57	14.48	56.05	74	-17.95	Peak
@	5240	95.77	14.32	110.09	-	-	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 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)	
-	10520	31.11	19.37	50.48	68.2	-17.72	Peak
@	5260	78.3	14.3	92.6	-	-	Average
-	5453.4	27.93	14.76	42.69	54	-11.31	Average
@	5260	87.72	14.3	102.02	-	-	Peak
-	5449.5	38.5	14.75	53.25	74	-20.75	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)	
-	10520	31.42	19.37	50.79	68.2	-17.41	Peak
@	5260	86.75	14.3	101.05	-	-	Average
-	5353.8	30.42	14.34	44.76	54	-9.24	Average
@	5260	95.55	14.3	109.85	-	-	Peak
-	5365.8	40.51	14.37	54.88	74	-19.12	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 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 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)	
-	10600	29.84	19.42	49.26	68.2	-18.94	Peak
@	5300	77.39	14.26	91.65	-	-	Average
-	5351.4	29.1	14.33	43.43	54	-10.57	Average
@	5300	85.5	14.26	99.76	-	-	Peak
-	5350.5	40.65	14.33	54.98	74	-19.02	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)	
-	10600	30.31	19.42	49.73	68.2	-18.47	Peak
@	5300	88.73	14.26	102.99	-	-	Average
-	5352.6	34.22	14.34	48.56	54	-5.44	Average
@	5300	96.48	14.26	110.74	-	-	Peak
-	5351.1	47.64	14.33	61.97	74	-12.03	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 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)	
*	10640	29.72	19.52	49.24	74	-24.76	Peak
@	5320	76.8	14.29	91.09	-	-	Average
-	5351.1	30.79	14.33	45.12	54	-8.88	Average
@	5320	85.48	14.29	99.77	-	-	Peak
-	5352.9	42.95	14.34	57.29	74	-16.71	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	10640	28.9	19.52	48.42	74	-25.58	Peak
@	5320	86.52	14.29	100.81	-	-	Average
-	5350.8	37.25	14.33	51.58	54	-2.42	Average
@	5320	94.72	14.29	109.01	-	-	Peak
-	5358	50.95	14.36	65.31	74	-8.69	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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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)	
*	11000	30.7	20.17	50.87	74	-23.13	Peak
-	5445.5	28.7	14.73	43.43	54	-10.57	Average
-	5445.5	39.01	14.73	53.74	74	-20.26	Peak
-	5469.3	43.9	14.81	58.71	68.2	-9.49	Peak
@	5500	73.1	14.91	88.01	-	-	Average
@	5500	83.45	14.91	98.36	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11000	29.05	20.17	49.22	74	-24.78	Peak
-	5459.15	37.06	14.78	51.84	54	-2.16	Average
-	5459.15	49.8	14.78	64.58	74	-9.42	Peak
-	5465.1	52.1	14.8	66.9	68.2	-1.3	Peak
@	5500	86.5	14.91	101.41	-	-	Average
@	5500	96.79	14.91	111.7	-	-	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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Doc No: 17-EM-F0878 / 5.0



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)	
*	11160	29.59	20.12	49.71	74	-24.29	Peak
-	5422.75	28.91	14.6	43.51	54	-10.49	Average
-	5422.75	40.08	14.6	54.68	74	-19.32	Peak
-	5466.15	39.06	14.8	53.86	68.2	-14.34	Peak
@	5580	76.4	15.1	91.5	-	-	Average
@	5580	86.31	15.1	101.41	-	-	Peak
-	5733.2	40.02	15.41	55.43	68.2	-12.77	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11160	29.28	20.12	49.4	74	-24.6	Peak
-	5452.85	30.79	14.77	45.56	54	-8.44	Average
-	5452.85	41.09	14.77	55.86	74	-18.14	Peak
-	5464.75	41.04	14.8	55.84	68.2	-12.36	Peak
@	5580	89.5	15.1	104.6	-	-	Average
@	5580	99.08	15.1	114.18	-	-	Peak
-	5747.9	41.27	15.49	56.76	68.2	-11.44	Peak

Remarks:

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

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EUT Test Condition		Measurement Detail	
Channel	Channel 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)	
*	11400	29.15	20.4	49.55	74	-24.45	Peak
@	5700	75.6	15.22	90.82	-	-	Average
@	5700	85.25	15.22	100.47	-	-	Peak
-	5725.15	42.02	15.36	57.38	68.2	-10.82	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11400	29.13	20.4	49.53	74	-24.47	Peak
@	5700	85.7	15.22	100.92	-	-	Average
@	5700	95.85	15.22	111.07	-	-	Peak
-	5735.3	49.78	15.42	65.2	68.2	-3	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 144	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)	
*	11440	29.21	20.5	49.71	74	-24.29	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)	
*	11440	30.79	20.5	51.29	74	-22.71	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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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)	
*	11490	29.8	20.63	50.43	74	-23.57	Peak
-	5602.5	40.07	15.16	55.23	68.2	-12.97	Peak
-	5719.5	47.36	15.33	62.69	110.66	-47.97	Peak
@	5745	73.49	15.48	88.97	-	-	Average
@	5745	84.18	15.48	99.66	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11490	29.04	20.63	49.67	74	-24.33	Peak
-	5548.5	40.67	14.99	55.66	68.2	-12.54	Peak
-	5723	62.11	15.35	77.46	117.64	-40.18	Peak
@	5745	85.79	15.48	101.27	-	-	Average
@	5745	95.92	15.48	111.4	-	-	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)	
*	11570	30.34	20.48	50.82	74	-23.18	Peak
-	5577	39.76	15.09	54.85	68.2	-13.35	Peak
-	5652	41.06	15.15	56.21	69.69	-13.48	Peak
@	5785	74.1	15.69	89.79	-	-	Average
@	5785	84.51	15.69	100.2	-	-	Peak
-	5912	40.88	16.25	57.13	77.79	-20.66	Peak
-	6024	40.04	16.51	56.55	68.2	-11.65	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)	
*	11570	28.97	20.48	49.45	74	-24.55	Peak
-	5622	40.26	15.16	55.42	68.2	-12.78	Peak
-	5702.5	43.62	15.23	58.85	105.9	-47.05	Peak
@	5785	86.2	15.69	101.89	-	-	Average
@	5785	96.18	15.69	111.87	-	-	Peak
-	5865	42.02	16.1	58.12	108	-49.88	Peak
-	5995.5	40.36	16.45	56.81	68.2	-11.39	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)	
*	11650	28.62	20.23	48.85	74	-25.15	Peak
@	5825	75.3	15.91	91.21	-	-	Average
@	5825	85.51	15.91	101.42	-	-	Peak
-	5850	42.99	16.05	59.04	122.2	-63.16	Peak
-	5995.5	39.99	16.45	56.44	68.2	-11.76	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11650	29.69	20.23	49.92	74	-24.08	Peak
@	5825	86.9	15.91	102.81	-	-	Average
@	5825	97.32	15.91	113.23	-	-	Peak
-	5850	53.37	16.05	69.42	122.2	-52.78	Peak
-	5950	40.54	16.3	56.84	68.2	-11.36	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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Doc No: 17-EM-F0878 / 5.0



802.11ax (HE40)

OFDM

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)	
-	10380	29.48	19.07	48.55	68.2	-19.65	Peak
-	5150	30.9	14.47	45.37	54	-8.63	Average
@	5190	69.3	14.44	83.74	-	-	Average
-	5141.3	41.26	14.47	55.73	74	-18.27	Peak
@	5190	78.85	14.44	93.29	-	-	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)	
-	10380	29.85	19.07	48.92	68.2	-19.28	Peak
-	5147	38.69	14.47	53.16	54	-0.84	Average
@	5190	80.83	14.44	95.27	-	-	Average
-	5148.2	53.87	14.47	68.34	74	-5.66	Peak
@	5190	94.89	14.44	109.33	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. The 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)	
-	10460	30.06	19.27	49.33	68.2	-18.87	Peak
-	5149.4	31.44	14.47	45.91	54	-8.09	Average
@	5230	74.09	14.36	88.45	-	-	Average
-	5139.5	43.63	14.48	58.11	74	-15.89	Peak
@	5230	85.68	14.36	100.04	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10460	29.7	19.27	48.97	68.2	-19.23	Peak
-	5146.4	36.95	14.47	51.42	54	-2.58	Average
@	5230	83.79	14.36	98.15	-	-	Average
-	5140.7	51.2	14.47	65.67	74	-8.33	Peak
@	5230	96.49	14.36	110.85	-	-	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 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)	
-	10540	28.79	19.37	48.16	68.2	-20.04	Peak
@	5270	73.61	14.28	87.89	-	-	Average
-	5352.3	30	14.33	44.33	54	-9.67	Average
@	5270	82.69	14.28	96.97	-	-	Peak
-	5361.9	41.4	14.36	55.76	74	-18.24	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)	
-	10540	29.48	19.37	48.85	68.2	-19.35	Peak
@	5270	83.41	14.28	97.69	-	-	Average
-	5440.8	33.33	14.7	48.03	54	-5.97	Average
@	5270	94.81	14.28	109.09	-	-	Peak
-	5361.6	51.93	14.36	66.29	74	-7.71	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	
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	10620	31.03	19.47	50.5	74	-23.5	Peak
@	5310	69.01	14.27	83.28	-	-	Average
-	5350.5	29.48	14.33	43.81	54	-10.19	Average
@	5310	81.21	14.27	95.48	-	-	Peak
-	5354.7	42.14	14.35	56.49	74	-17.51	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)	
*	10620	29.61	19.47	49.08	74	-24.92	Peak
@	5310	78.88	14.27	93.15	-	-	Average
-	5350.2	35.76	14.33	50.09	54	-3.91	Average
@	5310	92.01	14.27	106.28	-	-	Peak
-	5354.7	48.47	14.35	62.82	74	-11.18	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 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)	
*	11020	28.95	20.2	49.15	74	-24.85	Peak
-	5454.25	28.85	14.76	43.61	54	-10.39	Average
-	5454.25	39.41	14.76	54.17	74	-19.83	Peak
-	5466.85	40.44	14.8	55.24	68.2	-12.96	Peak
@	5510	70.89	14.93	85.82	-	-	Average
@	5510	81.82	14.93	96.75	-	-	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)	
*	11020	29.56	20.2	49.76	74	-24.24	Peak
-	5459.5	34.21	14.78	48.99	54	-5.01	Average
-	5459.5	46.34	14.78	61.12	74	-12.88	Peak
-	5469.3	52.03	14.81	66.84	68.2	-1.36	Peak
@	5510	80.67	14.93	95.6	-	-	Average
@	5510	91.54	14.93	106.47	-	-	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 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)	
*	11100	30.12	20.32	50.44	74	-23.56	Peak
-	5444.45	28.96	14.72	43.68	54	-10.32	Average
-	5444.45	39.62	14.72	54.34	74	-19.66	Peak
-	5464.4	42.63	14.8	57.43	68.2	-10.77	Peak
@	5550	73.65	14.99	88.64	-	-	Average
@	5550	84.35	14.99	99.34	-	-	Peak
-	5727.95	39.84	15.38	55.22	68.2	-12.98	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11100	29.46	20.32	49.78	74	-24.22	Peak
-	5459.5	36.52	14.78	51.3	54	-2.7	Average
-	5459.5	50.56	14.78	65.34	74	-8.66	Peak
-	5468.6	51.85	14.81	66.66	68.2	-1.54	Peak
@	5550	87.52	14.99	102.51	-	-	Average
@	5550	97.31	14.99	112.3	-	-	Peak
-	5737.4	42.62	15.43	58.05	68.2	-10.15	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)	
*	11340	28.68	20.24	48.92	74	-25.08	Peak
@	5670	72.84	15.18	88.02	-	-	Average
@	5670	83.64	15.18	98.82	-	-	Peak
-	5741.95	45.88	15.46	61.34	68.2	-6.86	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11340	28.63	20.24	48.87	74	-25.13	Peak
@	5670	85.78	15.18	100.96	-	-	Average
@	5670	96.97	15.18	112.15	-	-	Peak
-	5732.5	51.92	15.4	67.32	68.2	-0.88	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 142	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)	
*	11420	28.89	20.45	49.34	74	-24.66	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11420	28.85	20.45	49.3	74	-24.7	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. " * " : 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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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)	
*	11510	28.95	20.63	49.58	74	-24.42	Peak
-	5608.5	40.25	15.16	55.41	68.2	-12.79	Peak
-	5718	54.9	15.32	70.22	110.24	-40.02	Peak
@	5755	72.99	15.52	88.51	-	-	Average
@	5755	83.54	15.52	99.06	-	-	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)	
*	11510	29.85	20.63	50.48	74	-23.52	Peak
-	5638	45.01	15.15	60.16	68.2	-8.04	Peak
-	5721.5	64.19	15.35	79.54	114.22	-34.68	Peak
@	5755	84.32	15.52	99.84	-	-	Average
@	5755	94.31	15.52	109.83	-	-	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)	
*	11590	28.06	20.43	48.49	74	-25.51	Peak
-	5544	40.47	14.98	55.45	68.2	-12.75	Peak
-	5724.5	42.38	15.36	57.74	121.06	-63.32	Peak
@	5795	71.86	15.75	87.61	-	-	Average
@	5795	82.08	15.75	97.83	-	-	Peak
-	5850	42.49	16.05	58.54	122.2	-63.66	Peak
-	6027.5	40.14	16.51	56.65	68.2	-11.55	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)	
*	11590	28.96	20.43	49.39	74	-24.61	Peak
-	5597	40.55	15.15	55.7	68.2	-12.5	Peak
-	5717	57.56	15.32	72.88	109.96	-37.08	Peak
@	5795	83.56	15.75	99.31	-	-	Average
@	5795	94.32	15.75	110.07	-	-	Peak
-	5856	54.5	16.07	70.57	110.52	-39.95	Peak
-	5946	40.44	16.29	56.73	68.2	-11.47	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 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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OFDMA

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)	
-	10380	29.53	19.07	48.6	68.2	-19.6	Peak
-	5149.4	30.71	14.47	45.18	54	-8.82	Average
@	5190	70.77	14.44	85.21	-	-	Average
-	5098.7	42.5	14.5	57	74	-17	Peak
@	5190	79.48	14.44	93.92	-	-	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)	
-	10380	30.03	19.07	49.1	68.2	-19.1	Peak
-	5146.7	38.52	14.47	52.99	54	-1.01	Average
@	5190	82.63	14.44	97.07	-	-	Average
-	5144.3	51.38	14.47	65.85	74	-8.15	Peak
@	5190	93.03	14.44	107.47	-	-	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 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)	
-	10460	29.89	19.27	49.16	68.2	-19.04	Peak
-	5146.4	30.47	14.47	44.94	54	-9.06	Average
@	5230	75.9	14.36	90.26	-	-	Average
-	5058.2	41.98	14.37	56.35	74	-17.65	Peak
@	5230	82.74	14.36	97.1	-	-	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)	
-	10460	29.78	19.27	49.05	68.2	-19.15	Peak
-	5147	35.71	14.47	50.18	54	-3.82	Average
@	5230	85.65	14.36	100.01	-	-	Average
-	5132.3	47.62	14.49	62.11	74	-11.89	Peak
@	5230	96.3	14.36	110.66	-	-	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 other emission levels were very low against the limit.

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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)	
-	10540	28.83	19.37	48.2	68.2	-20	Peak
@	5270	74.76	14.28	89.04	-	-	Average
-	5350.5	28.91	14.33	43.24	54	-10.76	Average
@	5270	83.63	14.28	97.91	-	-	Peak
-	5357.4	39.65	14.35	54	74	-20	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10540	29.62	19.37	48.99	68.2	-19.21	Peak
@	5270	85.74	14.28	100.02	-	-	Average
-	5351.4	35.19	14.33	49.52	54	-4.48	Average
@	5270	92.38	14.28	106.66	-	-	Peak
-	5385.9	45.78	14.44	60.22	74	-13.78	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)	
*	10620	31.15	19.47	50.62	74	-23.38	Peak
@	5310	72.03	14.27	86.3	-	-	Average
-	5351.7	29.12	14.33	43.45	54	-10.55	Average
@	5310	77.61	14.27	91.88	-	-	Peak
-	5444.1	38.33	14.72	53.05	74	-20.95	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)	
*	10620	29.73	19.47	49.2	74	-24.8	Peak
@	5310	81.52	14.27	95.79	-	-	Average
-	5351.4	37.22	14.33	51.55	54	-2.45	Average
@	5310	89.17	14.27	103.44	-	-	Peak
-	5351.4	44.67	14.33	59	74	-15	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)	
*	11020	28.77	20.2	48.97	74	-25.03	Peak
-	5454.6	28.6	14.76	43.36	54	-10.64	Average
-	5454.6	39.34	14.76	54.1	74	-19.9	Peak
-	5468.6	41.49	14.81	56.3	68.2	-11.9	Peak
@	5510	69.8	14.93	84.73	-	-	Average
@	5510	79.36	14.93	94.29	-	-	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)	
*	11020	29.44	20.2	49.64	74	-24.36	Peak
-	5459.5	31.2	14.78	45.98	54	-8.02	Average
-	5459.5	47.24	14.78	62.02	74	-11.98	Peak
-	5468.25	49.93	14.81	64.74	68.2	-3.46	Peak
@	5510	82.4	14.93	97.33	-	-	Average
@	5510	92.64	14.93	107.57	-	-	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 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)	
*	11100	30.3	20.32	50.62	74	-23.38	Peak
-	5446.2	28.9	14.73	43.63	54	-10.37	Average
-	5446.2	38.71	14.73	53.44	74	-20.56	Peak
-	5463	39.07	14.79	53.86	68.2	-14.34	Peak
@	5550	72.7	14.99	87.69	-	-	Average
@	5550	83.84	14.99	98.83	-	-	Peak
-	5742.3	39.78	15.46	55.24	68.2	-12.96	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)	
*	11100	29.5	20.32	49.82	74	-24.18	Peak
-	5438.5	32.2	14.69	46.89	54	-7.11	Average
-	5438.5	49.4	14.69	64.09	74	-9.91	Peak
-	5467.9	48.97	14.81	63.78	68.2	-4.42	Peak
@	5550	87.3	14.99	102.29	-	-	Average
@	5550	97.88	14.99	112.87	-	-	Peak
-	5727.6	43.43	15.38	58.81	68.2	-9.39	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 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)	
*	11340	28.8	20.24	49.04	74	-24.96	Peak
@	5670	70.8	15.18	85.98	-	-	Average
@	5670	81.97	15.18	97.15	-	-	Peak
-	5731.1	43.42	15.39	58.81	68.2	-9.39	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)	
*	11340	28.73	20.24	48.97	74	-25.03	Peak
@	5670	84.2	15.18	99.38	-	-	Average
@	5670	94.35	15.18	109.53	-	-	Peak
-	5731.1	50.77	15.39	66.16	68.2	-2.04	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 142	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)	
*	11420	28.66	20.45	49.11	74	-24.89	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)	
*	11420	28.71	20.45	49.16	74	-24.84	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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Doc No: 17-EM-F0878 / 5.0



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)	
*	11510	29.04	20.63	49.67	74	-24.33	Peak
-	5623	40.47	15.16	55.63	68.2	-12.57	Peak
-	5724	51.69	15.36	67.05	119.92	-52.87	Peak
@	5755	72.81	15.52	88.33	-	-	Average
@	5755	83.43	15.52	98.95	-	-	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)	
*	11510	29.92	20.63	50.55	74	-23.45	Peak
-	5644.5	45.24	15.14	60.38	68.2	-7.82	Peak
-	5714	61.98	15.3	77.28	109.12	-31.84	Peak
@	5755	86.21	15.52	101.73	-	-	Average
@	5755	96.01	15.52	111.53	-	-	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)	
*	11590	28.01	20.43	48.44	74	-25.56	Peak
-	5548.5	40.27	14.99	55.26	68.2	-12.94	Peak
-	5705	40.45	15.25	55.7	106.6	-50.9	Peak
@	5795	72.4	15.75	88.15	-	-	Average
@	5795	82.74	15.75	98.49	-	-	Peak
-	5853.5	42.87	16.07	58.94	114.22	-55.28	Peak
-	5958	40.01	16.33	56.34	68.2	-11.86	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11590	29.19	20.43	49.62	74	-24.38	Peak
-	5626	40.51	15.16	55.67	68.2	-12.53	Peak
-	5721.5	50.1	15.35	65.45	114.22	-48.77	Peak
@	5795	84.3	15.75	100.05	-	-	Average
@	5795	94.86	15.75	110.61	-	-	Peak
-	5850	50.07	16.05	66.12	122.2	-56.08	Peak
-	5957	40.93	16.32	57.25	68.2	-10.95	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "*": The 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



802.11ax (HE80)

OFDM

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)	
-	10420	30.66	19.21	49.87	68.2	-18.33	Peak
-	5145.2	30.64	14.47	45.11	54	-8.89	Average
@	5210	63.18	14.41	77.59	-	-	Average
-	5134.1	41.84	14.48	56.32	74	-17.68	Peak
@	5210	75	14.41	89.41	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10420	31.14	19.21	50.35	68.2	-17.85	Peak
-	5147	38.66	14.47	53.13	54	-0.87	Average
@	5210	74.05	14.41	88.46	-	-	Average
-	5139.8	52.64	14.48	67.12	74	-6.88	Peak
@	5210	91.48	14.41	105.89	-	-	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 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)	
-	10580	30.32	19.41	49.73	68.2	-18.47	Peak
@	5290	62.99	14.27	77.26	-	-	Average
-	5355	30.02	14.35	44.37	54	-9.63	Average
@	5290	76.39	14.27	90.66	-	-	Peak
-	5367	40.59	14.37	54.96	74	-19.04	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10580	29.81	19.41	49.22	68.2	-18.98	Peak
@	5290	73.15	14.27	87.42	-	-	Average
-	5351.4	38.72	14.33	53.05	54	-0.95	Average
@	5290	86.67	14.27	100.94	-	-	Peak
-	5371.8	48.2	14.39	62.59	74	-11.41	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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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)	
*	11060	30.24	20.27	50.51	74	-23.49	Peak
-	5454.25	29.64	14.76	44.4	54	-9.6	Average
-	5454.25	40.04	14.76	54.8	74	-19.2	Peak
-	5466.85	43.05	14.8	57.85	68.2	-10.35	Peak
@	5530	66.66	14.95	81.61	-	-	Average
@	5530	76.89	14.95	91.84	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11060	29.16	20.27	49.43	74	-24.57	Peak
-	5457.75	36.1	14.78	50.88	54	-3.12	Average
-	5457.75	51.03	14.78	65.81	74	-8.19	Peak
-	5470	52.42	14.81	67.23	68.2	-0.97	Peak
@	5530	78.55	14.95	93.5	-	-	Average
@	5530	88.63	14.95	103.58	-	-	Peak

Remarks:

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

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EUT Test Condition		Measurement Detail	
Channel	Channel 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)	
*	11220	28.79	20.01	48.8	74	-25.2	Peak
-	5457.75	31.89	14.78	46.67	54	-7.33	Average
-	5457.75	42.23	14.78	57.01	74	-16.99	Peak
-	5466.85	40.55	14.8	55.35	68.2	-12.85	Peak
@	5610	71.3	15.16	86.46	-	-	Average
@	5610	81.82	15.16	96.98	-	-	Peak
-	5729	44.05	15.39	59.44	68.2	-8.76	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11220	29.63	20.01	49.64	74	-24.36	Peak
-	5456.7	37.81	14.76	52.57	54	-1.43	Average
-	5456.7	51.82	14.76	66.58	74	-7.42	Peak
-	5461.25	51.79	14.78	66.57	68.2	-1.63	Peak
@	5610	83.4	15.16	98.56	-	-	Average
@	5610	93.5	15.16	108.66	-	-	Peak
-	5734.25	51.76	15.42	67.18	68.2	-1.02	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 138	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)	
*	11380	29.19	20.34	49.53	74	-24.47	Peak
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11380	28.6	20.34	48.94	74	-25.06	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. " * ": 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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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)	
*	11550	29.06	20.52	49.58	74	-24.42	Peak
-	5616.5	45.04	15.16	60.2	68.2	-8	Peak
-	5690.5	53.95	15.21	69.16	98.2	-29.04	Peak
@	5775	71.9	15.64	87.54	-	-	Average
@	5775	81.9	15.64	97.54	-	-	Peak
-	5850	49.61	16.05	65.66	122.2	-56.54	Peak
-	5938	42.41	16.28	58.69	68.2	-9.51	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)	
*	11550	29.86	20.52	50.38	74	-23.62	Peak
-	5623.5	52.13	15.16	67.29	68.2	-0.91	Peak
-	5722.5	65.01	15.35	80.36	116.5	-36.14	Peak
@	5775	83.4	15.64	99.04	-	-	Average
@	5775	93.35	15.64	108.99	-	-	Peak
-	5870.5	63.09	16.12	79.21	106.46	-27.25	Peak
-	5949.5	50.9	16.3	67.2	68.2	-1	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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OFDMA

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)	
*	10420	30.45	19.21	49.66	68.2	-18.54	Peak
-	5150	30.3	14.47	44.77	54	-9.23	Average
@	5210	66.66	14.41	81.07	-	-	Average
-	5115.2	41.9	14.49	56.39	74	-17.61	Peak
@	5210	75.16	14.41	89.57	-	-	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)	
*	10420	31.36	19.21	50.57	68.2	-17.63	Peak
-	5147	38.26	14.47	52.73	54	-1.27	Average
@	5210	78.24	14.41	92.65	-	-	Average
-	5139.2	50.45	14.48	64.93	74	-9.07	Peak
@	5210	89.58	14.41	103.99	-	-	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 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)	
*	10580	30.45	19.41	49.86	68.2	-18.34	Peak
@	5290	67.37	14.27	81.64	-	-	Average
-	5350.5	29.72	14.33	44.05	54	-9.95	Average
@	5290	75.39	14.27	89.66	-	-	Peak
-	5360.4	40.89	14.35	55.24	74	-18.76	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	10580	29.77	19.41	49.18	68.2	-19.02	Peak
@	5290	77.91	14.27	92.18	-	-	Average
-	5353.2	38.34	14.34	52.68	54	-1.32	Average
@	5290	87.48	14.27	101.75	-	-	Peak
-	5358	45.2	14.36	59.56	74	-14.44	Peak

Remarks:

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

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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)	
*	11060	30.36	20.27	50.63	74	-23.37	Peak
-	5446.9	29.29	14.74	44.03	54	-9.97	Average
-	5446.9	40.02	14.74	54.76	74	-19.24	Peak
-	5460.55	39.62	14.78	54.4	68.2	-13.8	Peak
@	5530	65.81	14.95	80.76	-	-	Average
@	5530	76.78	14.95	91.73	-	-	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)	
*	11060	29.31	20.27	49.58	74	-24.42	Peak
-	5451.45	32.09	14.76	46.85	54	-7.15	Average
-	5451.45	43.81	14.76	58.57	74	-15.43	Peak
-	5467.9	47.11	14.81	61.92	68.2	-6.28	Peak
@	5530	76.11	14.95	91.06	-	-	Average
@	5530	86.99	14.95	101.94	-	-	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. "@": 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)	
*	11220	28.83	20.01	48.84	74	-25.16	Peak
-	5432.2	28.7	14.66	43.36	54	-10.64	Average
-	5432.2	39.45	14.66	54.11	74	-19.89	Peak
-	5468.95	39.76	14.81	54.57	68.2	-13.63	Peak
@	5610	71.4	15.16	86.56	-	-	Average
@	5610	82.12	15.16	97.28	-	-	Peak
-	5731.1	41.33	15.39	56.72	68.2	-11.48	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)	
*	11220	29.86	20.01	49.87	74	-24.13	Peak
-	5444.1	34.9	14.72	49.62	54	-4.38	Average
-	5444.1	46.48	14.72	61.2	74	-12.8	Peak
-	5466.15	46.24	14.8	61.04	68.2	-7.16	Peak
@	5610	80.9	15.16	96.06	-	-	Average
@	5610	91.95	15.16	107.11	-	-	Peak
-	5732.5	46.98	15.4	62.38	68.2	-5.82	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 138	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)	
*	11380	29.35	20.34	49.69	74	-24.31	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11380	28.64	20.34	48.98	74	-25.02	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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Doc No: 17-EM-F0878 / 5.0



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)	
*	11550	29.01	20.52	49.53	74	-24.47	Peak
-	5592	40.59	15.13	55.72	68.2	-12.48	Peak
-	5725	49.59	15.36	64.95	122.2	-57.25	Peak
@	5775	70.1	15.64	85.74	-	-	Average
@	5775	80.6	15.64	96.24	-	-	Peak
-	5851.5	44.59	16.06	60.65	118.78	-58.13	Peak
-	5956.5	40.73	16.32	57.05	68.2	-11.15	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)	
*	11550	29.94	20.52	50.46	74	-23.54	Peak
-	5650	49.79	15.14	64.93	68.2	-3.27	Peak
-	5724	64.63	15.36	79.99	119.92	-39.93	Peak
@	5775	79.4	15.64	95.04	-	-	Average
@	5775	89.67	15.64	105.31	-	-	Peak
-	5854	55.82	16.07	71.89	113.08	-41.19	Peak
-	5933	47.13	16.27	63.4	68.2	-4.8	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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Beamforming mode

802.11ax (HE20)

OFDM

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)	
-	10360	30.32	18.98	49.3	68.2	-18.9	Peak
-	5148.2	31.37	14.47	45.84	54	-8.16	Average
@	5180	77.2	14.45	91.65	-	-	Average
-	5147.9	46.14	14.46	60.6	74	-13.4	Peak
@	5180	87.24	14.45	101.69	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10360	32.71	18.98	51.69	68.2	-16.51	Peak
-	5148.5	38.61	14.47	53.08	54	-0.92	Average
@	5180	89.69	14.45	104.14	-	-	Average
-	5148.2	55.83	14.47	70.3	74	-3.7	Peak
@	5180	98.97	14.45	113.42	-	-	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 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)	
-	10435	31.37	19.23	50.6	68.2	-17.6	Peak
-	5132	30.46	14.49	44.95	54	-9.05	Average
@	5220	78.74	14.38	93.12	-	-	Average
-	5138.3	41.47	14.48	55.95	74	-18.05	Peak
@	5220	87.7	14.38	102.08	-	-	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)	
-	10440	30.19	19.25	49.44	68.2	-18.76	Peak
-	5148.8	33.33	14.47	47.8	54	-6.2	Average
@	5220	90.68	14.38	105.06	-	-	Average
-	5138.9	45.6	14.48	60.08	74	-13.92	Peak
@	5220	100.52	14.38	114.9	-	-	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)	
-	10480	30.33	19.31	49.64	68.2	-18.56	Peak
-	5111	30.26	14.49	44.75	54	-9.25	Average
@	5240	79.59	14.32	93.91	-	-	Average
-	5132.3	41.5	14.49	55.99	74	-18.01	Peak
@	5240	88.4	14.32	102.72	-	-	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)	
-	10480	29.89	19.31	49.2	68.2	-19	Peak
-	5146.4	32.04	14.47	46.51	54	-7.49	Average
@	5240	90.08	14.32	104.4	-	-	Average
-	5148.2	43.9	14.47	58.37	74	-15.63	Peak
@	5240	100.26	14.32	114.58	-	-	Peak

Remarks:

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

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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)	
-	10520	30.84	19.37	50.21	68.2	-17.99	Peak
@	5260	79.68	14.3	93.98	-	-	Average
-	5459.4	27.96	14.78	42.74	54	-11.26	Average
@	5260	83.89	14.3	98.19	-	-	Peak
-	5378.4	39.28	14.42	53.7	74	-20.3	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)	
-	10520	31.16	19.37	50.53	68.2	-17.67	Peak
@	5260	88.92	14.3	103.22	-	-	Average
-	5351.4	31.72	14.33	46.05	54	-7.95	Average
@	5260	100.43	14.3	114.73	-	-	Peak
-	5417.1	40.93	14.58	55.51	74	-18.49	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 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)	
-	10600	29.97	19.42	49.39	68.2	-18.81	Peak
@	5300	79.49	14.26	93.75	-	-	Average
-	5352	30.73	14.33	45.06	54	-8.94	Average
@	5300	87.75	14.26	102.01	-	-	Peak
-	5354.1	40.69	14.34	55.03	74	-18.97	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10600	30.35	19.42	49.77	68.2	-18.43	Peak
@	5300	90.04	14.26	104.3	-	-	Average
-	5350.5	37.08	14.33	51.41	54	-2.59	Average
@	5300	98.67	14.26	112.93	-	-	Peak
-	5350.2	51.72	14.33	66.05	74	-7.95	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. The 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 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)	
*	10640	29.65	19.52	49.17	74	-24.83	Peak
@	5320	77.98	14.29	92.27	-	-	Average
-	5352.6	32.09	14.34	46.43	54	-7.57	Average
@	5320	84.34	14.29	98.63	-	-	Peak
-	5350.8	42.9	14.33	57.23	74	-16.77	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	10640	29.12	19.52	48.64	74	-25.36	Peak
@	5320	89.88	14.29	104.17	-	-	Average
-	5353.8	38.71	14.34	53.05	54	-0.95	Average
@	5320	98.04	14.29	112.33	-	-	Peak
-	5351.7	54.85	14.33	69.18	74	-4.82	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)	
*	11000	30.56	20.17	50.73	74	-23.27	Peak
-	5455.3	33.17	14.76	47.93	54	-6.07	Average
-	5455.3	43.24	14.76	58	74	-16	Peak
-	5466.5	45.91	14.8	60.71	68.2	-7.49	Peak
@	5500	76.52	14.91	91.43	-	-	Average
@	5500	86.43	14.91	101.34	-	-	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)	
*	11000	29.03	20.17	49.2	74	-24.8	Peak
-	5458.1	35.9	14.78	50.68	54	-3.32	Average
-	5458.1	50.91	14.78	65.69	74	-8.31	Peak
-	5464.4	52.2	14.8	67	68.2	-1.2	Peak
@	5500	88.28	14.91	103.19	-	-	Average
@	5500	98.84	14.91	113.75	-	-	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)	
*	11160	29.51	20.12	49.63	74	-24.37	Peak
-	5403.5	28.65	14.5	43.15	54	-10.85	Average
-	5403.5	40.46	14.5	54.96	74	-19.04	Peak
-	5467.55	39.63	14.81	54.44	68.2	-13.76	Peak
@	5580	77.12	15.1	92.22	-	-	Average
@	5580	87.25	15.1	102.35	-	-	Peak
-	5733.55	39.85	15.41	55.26	68.2	-12.94	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)	
*	11160	29.36	20.12	49.48	74	-24.52	Peak
-	5440.95	30.67	14.7	45.37	54	-8.63	Average
-	5440.95	41.47	14.7	56.17	74	-17.83	Peak
-	5466.15	41.42	14.8	56.22	68.2	-11.98	Peak
@	5580	91.23	15.1	106.33	-	-	Average
@	5580	101	15.1	116.1	-	-	Peak
-	5727.6	41.56	15.38	56.94	68.2	-11.26	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "*": The 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 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)	
*	11400	29.12	20.4	49.52	74	-24.48	Peak
@	5700	76.28	15.22	91.5	-	-	Average
@	5700	86.69	15.22	101.91	-	-	Peak
-	5728.65	43.74	15.38	59.12	68.2	-9.08	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)	
*	11400	29.25	20.4	49.65	74	-24.35	Peak
@	5700	88.54	15.22	103.76	-	-	Average
@	5700	98.86	15.22	114.08	-	-	Peak
-	5730.05	51.96	15.39	67.35	68.2	-0.85	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 144	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)	
*	11440	29.13	20.5	49.63	74	-24.37	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)	
*	11440	30.55	20.5	51.05	74	-22.95	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": 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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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)	
*	11490	30.31	20.63	50.94	74	-23.06	Peak
-	5539	40.08	14.97	55.05	68.2	-13.15	Peak
-	5725	50.03	15.36	65.39	122.2	-56.81	Peak
@	5745	77.61	15.48	93.09	-	-	Average
@	5745	87.33	15.48	102.81	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11490	28.83	20.63	49.46	74	-24.54	Peak
-	5649.5	43	15.14	58.14	68.2	-10.06	Peak
-	5723.5	64	15.35	79.35	118.78	-39.43	Peak
@	5745	88.63	15.48	104.11	-	-	Average
@	5745	98.57	15.48	114.05	-	-	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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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)	
*	11570	30.44	20.48	50.92	74	-23.08	Peak
-	5630	41.2	15.16	56.36	68.2	-11.84	Peak
-	5685	40.45	15.2	55.65	94.13	-38.48	Peak
@	5785	77.34	15.69	93.03	-	-	Average
@	5785	87.74	15.69	103.43	-	-	Peak
-	5908.5	40.08	16.24	56.32	80.38	-24.06	Peak
-	5991.5	40.2	16.44	56.64	68.2	-11.56	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)	
*	11570	29.09	20.48	49.57	74	-24.43	Peak
-	5593	41.03	15.14	56.17	68.2	-12.03	Peak
-	5718.5	45.95	15.32	61.27	110.38	-49.11	Peak
@	5785	90.33	15.69	106.02	-	-	Average
@	5785	100.14	15.69	115.83	-	-	Peak
-	5860.5	43.67	16.09	59.76	109.26	-49.5	Peak
-	5971.5	40.92	16.37	57.29	68.2	-10.91	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)	
*	11650	28.96	20.23	49.19	74	-24.81	Peak
@	5825	76.78	15.91	92.69	-	-	Average
@	5825	86.28	15.91	102.19	-	-	Peak
-	5853.5	44.63	16.07	60.7	114.22	-53.52	Peak
-	5962	40.43	16.34	56.77	68.2	-11.43	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)	
*	11650	29.53	20.23	49.76	74	-24.24	Peak
@	5825	87.56	15.91	103.47	-	-	Average
@	5825	98	15.91	113.91	-	-	Peak
-	5850	58.41	16.05	74.46	122.2	-47.74	Peak
-	5926.5	40.81	16.26	57.07	68.2	-11.13	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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OFDMA

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)	
-	10360	30.35	18.98	49.33	68.2	-18.87	Peak
-	5149.4	31.22	14.47	45.69	54	-8.31	Average
@	5180	77.27	14.45	91.72	-	-	Average
-	5147.6	44.6	14.46	59.06	74	-14.94	Peak
@	5180	85.37	14.45	99.82	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10360	32.41	18.98	51.39	68.2	-16.81	Peak
-	5149.1	36.98	14.47	51.45	54	-2.55	Average
@	5180	88.29	14.45	102.74	-	-	Average
-	5144.3	54.73	14.47	69.2	74	-4.8	Peak
@	5180	97.36	14.45	111.81	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. The 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)	
-	10440	31.19	19.25	50.44	68.2	-17.76	Peak
-	5138.6	30.18	14.48	44.66	54	-9.34	Average
@	5220	76.39	14.38	90.77	-	-	Average
-	5071.1	42.02	14.41	56.43	74	-17.57	Peak
@	5220	87.26	14.38	101.64	-	-	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)	
-	10440	29.93	19.25	49.18	68.2	-19.02	Peak
-	5149.1	34.71	14.47	49.18	54	-4.82	Average
@	5220	89.57	14.38	103.95	-	-	Average
-	5149.4	47.95	14.47	62.42	74	-11.58	Peak
@	5220	97.76	14.38	112.14	-	-	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)	
-	10480	30.34	19.31	49.65	68.2	-18.55	Peak
-	5108	30.12	14.5	44.62	54	-9.38	Average
@	5240	78.58	14.32	92.9	-	-	Average
-	5077.4	41.37	14.43	55.8	74	-18.2	Peak
@	5240	85.67	14.32	99.99	-	-	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)	
-	10480	30.1	19.31	49.41	68.2	-18.79	Peak
-	5148.8	31.89	14.47	46.36	54	-7.64	Average
@	5240	88.98	14.32	103.3	-	-	Average
-	5077.4	42.8	14.43	57.23	74	-16.77	Peak
@	5240	95.22	14.32	109.54	-	-	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 other emission levels were very low against the limit.

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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)	
-	10520	30.96	19.37	50.33	68.2	-17.87	Peak
@	5260	75.81	14.3	90.11	-	-	Average
-	5449.8	28.02	14.75	42.77	54	-11.23	Average
@	5260	85.14	14.3	99.44	-	-	Peak
-	5399.7	39.01	14.49	53.5	74	-20.5	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)	
-	10520	31.48	19.37	50.85	68.2	-17.35	Peak
@	5260	88.49	14.3	102.79	-	-	Average
-	5350.2	31.74	14.33	46.07	54	-7.93	Average
@	5260	95.91	14.3	110.21	-	-	Peak
-	5355	42.12	14.35	56.47	74	-17.53	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 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)	
-	10600	29.75	19.42	49.17	68.2	-19.03	Peak
@	5300	76.31	14.26	90.57	-	-	Average
-	5355	28.92	14.35	43.27	54	-10.73	Average
@	5300	87.16	14.26	101.42	-	-	Peak
-	5353.2	40.06	14.34	54.4	74	-19.6	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)	
-	10600	30.49	19.42	49.91	68.2	-18.29	Peak
@	5300	88.43	14.26	102.69	-	-	Average
-	5352	34.53	14.33	48.86	54	-5.14	Average
@	5300	96.16	14.26	110.42	-	-	Peak
-	5353.8	46.67	14.34	61.01	74	-12.99	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 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)	
*	10640	29.51	19.52	49.03	74	-24.97	Peak
@	5320	76.3	14.29	90.59	-	-	Average
-	5351.1	30.41	14.33	44.74	54	-9.26	Average
@	5320	84.22	14.29	98.51	-	-	Peak
-	5355	43.71	14.35	58.06	74	-15.94	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)	
*	10640	28.98	19.52	48.5	74	-25.5	Peak
@	5320	87.67	14.29	101.96	-	-	Average
-	5350.2	38.65	14.33	52.98	54	-1.02	Average
@	5320	95.41	14.29	109.7	-	-	Peak
-	5358.6	51.67	14.36	66.03	74	-7.97	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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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)	
*	11000	30.72	20.17	50.89	74	-23.11	Peak
-	5440.6	28.8	14.7	43.5	54	-10.5	Average
-	5440.6	39.49	14.7	54.19	74	-19.81	Peak
-	5461.6	43.26	14.78	58.04	68.2	-10.16	Peak
@	5500	74.3	14.91	89.21	-	-	Average
@	5500	84.84	14.91	99.75	-	-	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)	
*	11000	29.2	20.17	49.37	74	-24.63	Peak
-	5459.15	37.5	14.78	52.28	54	-1.72	Average
-	5459.15	50.79	14.78	65.57	74	-8.43	Peak
-	5465.8	51.19	14.8	65.99	68.2	-2.21	Peak
@	5500	88.7	14.91	103.61	-	-	Average
@	5500	98.03	14.91	112.94	-	-	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. "@": 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 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)	
*	11160	29.7	20.12	49.82	74	-24.18	Peak
-	5411.55	28.3	14.55	42.85	54	-11.15	Average
-	5411.55	40.42	14.55	54.97	74	-19.03	Peak
-	5460.2	39.18	14.78	53.96	68.2	-14.24	Peak
@	5580	76.2	15.1	91.3	-	-	Average
@	5580	86.05	15.1	101.15	-	-	Peak
-	5737.4	40.12	15.43	55.55	68.2	-12.65	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)	
*	11160	29.45	20.12	49.57	74	-24.43	Peak
-	5448.3	30.2	14.74	44.94	54	-9.06	Average
-	5448.3	40.26	14.74	55	74	-19	Peak
-	5470	39.68	14.81	54.49	68.2	-13.71	Peak
@	5580	86.5	15.1	101.6	-	-	Average
@	5580	96.74	15.1	111.84	-	-	Peak
-	5725.15	40.89	15.36	56.25	68.2	-11.95	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "*": The 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 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)	
*	11400	29.3	20.4	49.7	74	-24.3	Peak
@	5700	74.2	15.22	89.42	-	-	Average
@	5700	83.95	15.22	99.17	-	-	Peak
-	5730.4	44.04	15.39	59.43	68.2	-8.77	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11400	28.99	20.4	49.39	74	-24.61	Peak
@	5700	85.9	15.22	101.12	-	-	Average
@	5700	95.87	15.22	111.09	-	-	Peak
-	5726.9	50.11	15.37	65.48	68.2	-2.72	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "* *": The 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 144	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)	
*	11440	29.16	20.5	49.66	74	-24.34	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)	
*	11440	30.7	20.5	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. " * ": 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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Doc No: 17-EM-F0878 / 5.0



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)	
*	11490	29.73	20.63	50.36	74	-23.64	Peak
-	5593	41.02	15.14	56.16	68.2	-12.04	Peak
-	5725	48.31	15.36	63.67	122.2	-58.53	Peak
@	5745	74.89	15.48	90.37	-	-	Average
@	5745	84.86	15.48	100.34	-	-	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)	
*	11490	29.09	20.63	49.72	74	-24.28	Peak
-	5589.5	40.56	15.13	55.69	68.2	-12.51	Peak
-	5722	60.83	15.35	76.18	115.36	-39.18	Peak
@	5745	86.09	15.48	101.57	-	-	Average
@	5745	96.2	15.48	111.68	-	-	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)	
*	11570	30.45	20.48	50.93	74	-23.07	Peak
-	5545	41.36	14.98	56.34	68.2	-11.86	Peak
-	5723	40.81	15.35	56.16	117.64	-61.48	Peak
@	5785	73.4	15.69	89.09	-	-	Average
@	5785	83.18	15.69	98.87	-	-	Peak
-	5896	39.68	16.21	55.89	89.62	-33.73	Peak
-	5957.5	40.54	16.33	56.87	68.2	-11.33	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)	
*	11570	28.82	20.48	49.3	74	-24.7	Peak
-	5631.5	39.85	15.16	55.01	68.2	-13.19	Peak
-	5722.5	43.83	15.35	59.18	116.5	-57.32	Peak
@	5785	85.3	15.69	100.99	-	-	Average
@	5785	95.73	15.69	111.42	-	-	Peak
-	5866.5	40.86	16.1	56.96	107.58	-50.62	Peak
-	5942.5	40.52	16.29	56.81	68.2	-11.39	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)	
*	11650	28.73	20.23	48.96	74	-25.04	Peak
@	5825	72.8	15.91	88.71	-	-	Average
@	5825	83.44	15.91	99.35	-	-	Peak
-	5854	43.11	16.07	59.18	113.08	-53.9	Peak
-	5971	40.38	16.37	56.75	68.2	-11.45	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)	
*	11650	29.64	20.23	49.87	74	-24.13	Peak
@	5825	84.9	15.91	100.81	-	-	Average
@	5825	95.65	15.91	111.56	-	-	Peak
-	5855	53.95	16.07	70.02	110.8	-40.78	Peak
-	5986	40.83	16.42	57.25	68.2	-10.95	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. "* *": The 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



802.11ax (HE40)

OFDM

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)	
-	10380	29.72	19.07	48.79	68.2	-19.41	Peak
-	5145.8	30.39	14.47	44.86	54	-9.14	Average
@	5190	69.36	14.44	83.8	-	-	Average
-	5121.5	41.96	14.49	56.45	74	-17.55	Peak
@	5190	78.62	14.44	93.06	-	-	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)	
-	10380	29.79	19.07	48.86	68.2	-19.34	Peak
-	5150	38.79	14.47	53.26	54	-0.74	Average
@	5190	80.36	14.44	94.8	-	-	Average
-	5147.6	53.99	14.46	68.45	74	-5.55	Peak
@	5190	92.37	14.44	106.81	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. The 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)	
-	10460	30.27	19.27	49.54	68.2	-18.66	Peak
-	5140.4	30.92	14.48	45.4	54	-8.6	Average
@	5230	73.33	14.36	87.69	-	-	Average
-	5136.5	43.9	14.49	58.39	74	-15.61	Peak
@	5230	86.49	14.36	100.85	-	-	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)	
-	10460	29.76	19.27	49.03	68.2	-19.17	Peak
-	5146.7	36.16	14.47	50.63	54	-3.37	Average
@	5230	84.52	14.36	98.88	-	-	Average
-	5148.5	50.67	14.47	65.14	74	-8.86	Peak
@	5230	97.07	14.36	111.43	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. The 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)	
-	10540	28.54	19.37	47.91	68.2	-20.29	Peak
@	5270	74.59	14.28	88.87	-	-	Average
-	5353.8	29.79	14.34	44.13	54	-9.87	Average
@	5270	83.63	14.28	97.91	-	-	Peak
-	5352.6	42.39	14.34	56.73	74	-17.27	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)	
-	10540	29.45	19.37	48.82	68.2	-19.38	Peak
@	5270	84.27	14.28	98.55	-	-	Average
-	5352.3	37.09	14.33	51.42	54	-2.58	Average
@	5270	95.79	14.28	110.07	-	-	Peak
-	5352	48.8	14.33	63.13	74	-10.87	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)	
*	10620	30.89	19.47	50.36	74	-23.64	Peak
@	5310	69.67	14.27	83.94	-	-	Average
-	5352.6	29.29	14.34	43.63	54	-10.37	Average
@	5310	79.08	14.27	93.35	-	-	Peak
-	5453.4	40.03	14.76	54.79	74	-19.21	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)	
*	10620	29.55	19.47	49.02	74	-24.98	Peak
@	5310	80.02	14.27	94.29	-	-	Average
-	5350.5	37.48	14.33	51.81	54	-2.19	Average
@	5310	90.59	14.27	104.86	-	-	Peak
-	5351.1	50.53	14.33	64.86	74	-9.14	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)	
*	11020	29.2	20.2	49.4	74	-24.6	Peak
-	5458.45	28.46	14.78	43.24	54	-10.76	Average
-	5458.45	39.37	14.78	54.15	74	-19.85	Peak
-	5468.95	41.16	14.81	55.97	68.2	-12.23	Peak
@	5510	68.92	14.93	83.85	-	-	Average
@	5510	79.32	14.93	94.25	-	-	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)	
*	11020	29.39	20.2	49.59	74	-24.41	Peak
-	5457.05	33.69	14.76	48.45	54	-5.55	Average
-	5457.05	46.13	14.76	60.89	74	-13.11	Peak
-	5469.3	50.59	14.81	65.4	68.2	-2.8	Peak
@	5510	81.02	14.93	95.95	-	-	Average
@	5510	91.36	14.93	106.29	-	-	Peak

Remarks:

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

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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)	
*	11100	30.19	20.32	50.51	74	-23.49	Peak
-	5457.75	30.11	14.78	44.89	54	-9.11	Average
-	5457.75	40.02	14.78	54.8	74	-19.2	Peak
-	5467.55	42.73	14.81	57.54	68.2	-10.66	Peak
@	5550	72.91	14.99	87.9	-	-	Average
@	5550	83.96	14.99	98.95	-	-	Peak
-	5730.75	41.34	15.39	56.73	68.2	-11.47	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11100	29.4	20.32	49.72	74	-24.28	Peak
-	5458.45	36.28	14.78	51.06	54	-2.94	Average
-	5458.45	50.03	14.78	64.81	74	-9.19	Peak
-	5465.8	52.19	14.8	66.99	68.2	-1.21	Peak
@	5550	85.75	14.99	100.74	-	-	Average
@	5550	95.62	14.99	110.61	-	-	Peak
-	5725.85	44.02	15.36	59.38	68.2	-8.82	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)	
*	11340	28.67	20.24	48.91	74	-25.09	Peak
@	5670	74.29	15.18	89.47	-	-	Average
@	5670	84.71	15.18	99.89	-	-	Peak
-	5728.65	46.02	15.38	61.4	68.2	-6.8	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)	
*	11340	28.45	20.24	48.69	74	-25.31	Peak
@	5670	85.34	15.18	100.52	-	-	Average
@	5670	95.57	15.18	110.75	-	-	Peak
-	5741.6	51.33	15.46	66.79	68.2	-1.41	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 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 142	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)	
*	11420	28.73	20.45	49.18	74	-24.82	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11420	28.74	20.45	49.19	74	-24.81	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": 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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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)	
*	11510	29.16	20.63	49.79	74	-24.21	Peak
-	5592.5	40.38	15.13	55.51	68.2	-12.69	Peak
-	5714.5	50.81	15.3	66.11	109.26	-43.15	Peak
@	5755	72.65	15.52	88.17	-	-	Average
@	5755	83.2	15.52	98.72	-	-	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)	
*	11510	29.73	20.63	50.36	74	-23.64	Peak
-	5638	46.82	15.15	61.97	68.2	-6.23	Peak
-	5724	71.69	15.36	87.05	119.92	-32.87	Peak
@	5755	83.7	15.52	99.22	-	-	Average
@	5755	94.96	15.52	110.48	-	-	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 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)	
*	11590	28.11	20.43	48.54	74	-25.46	Peak
-	5602	40.1	15.17	55.27	68.2	-12.93	Peak
-	5720	41.35	15.33	56.68	110.8	-54.12	Peak
@	5795	73.99	15.75	89.74	-	-	Average
@	5795	84.9	15.75	100.65	-	-	Peak
-	5855	43.68	16.07	59.75	110.8	-51.05	Peak
-	5980	40.13	16.4	56.53	68.2	-11.67	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)	
*	11590	28.79	20.43	49.22	74	-24.78	Peak
-	5648	41.06	15.14	56.2	68.2	-12	Peak
-	5719.5	50.51	15.33	65.84	110.66	-44.82	Peak
@	5795	84.69	15.75	100.44	-	-	Average
@	5795	95.74	15.75	111.49	-	-	Peak
-	5851	55.86	16.05	71.91	119.92	-48.01	Peak
-	5927.5	39.87	16.26	56.13	68.2	-12.07	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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OFDMA

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)	
-	10380	29.6	19.07	48.67	68.2	-19.53	Peak
-	5145.2	30.43	14.47	44.9	54	-9.1	Average
@	5190	69.73	14.44	84.17	-	-	Average
-	5120.9	42.21	14.49	56.7	74	-17.3	Peak
@	5190	78.87	14.44	93.31	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10380	30.15	19.07	49.22	68.2	-18.98	Peak
-	5148.8	37.81	14.47	52.28	54	-1.72	Average
@	5190	82.46	14.44	96.9	-	-	Average
-	5145.5	54.5	14.47	68.97	74	-5.03	Peak
@	5190	93	14.44	107.44	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. The 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)	
-	10460	30.02	19.27	49.29	68.2	-18.91	Peak
-	5148.2	30.32	14.47	44.79	54	-9.21	Average
@	5230	75.38	14.36	89.74	-	-	Average
-	5148.2	41.47	14.47	55.94	74	-18.06	Peak
@	5230	82.28	14.36	96.64	-	-	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)	
-	10460	29.97	19.27	49.24	68.2	-18.96	Peak
-	5150	36.64	14.47	51.11	54	-2.89	Average
@	5230	85.81	14.36	100.17	-	-	Average
-	5132.3	48.13	14.49	62.62	74	-11.38	Peak
@	5230	95.3	14.36	109.66	-	-	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 other emission levels were very low against the limit.

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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)	
-	10540	28.92	19.37	48.29	68.2	-19.91	Peak
@	5270	72.56	14.28	86.84	-	-	Average
-	5358.6	28.64	14.36	43	54	-11	Average
@	5270	83.35	14.28	97.63	-	-	Peak
-	5370.9	40.34	14.39	54.73	74	-19.27	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)	
-	10540	29.56	19.37	48.93	68.2	-19.27	Peak
@	5270	85.51	14.28	99.79	-	-	Average
-	5351.7	35.01	14.33	49.34	54	-4.66	Average
@	5270	93.45	14.28	107.73	-	-	Peak
-	5352.3	47.04	14.33	61.37	74	-12.63	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)	
*	10620	31.07	19.47	50.54	74	-23.46	Peak
@	5310	70.12	14.27	84.39	-	-	Average
-	5456.4	28.17	14.76	42.93	54	-11.07	Average
@	5310	78.26	14.27	92.53	-	-	Peak
-	5405.1	39.44	14.51	53.95	74	-20.05	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	10620	29.86	19.47	49.33	74	-24.67	Peak
@	5310	81.31	14.27	95.58	-	-	Average
-	5350.2	35.96	14.33	50.29	54	-3.71	Average
@	5310	89.54	14.27	103.81	-	-	Peak
-	5350.2	44.08	14.33	58.41	74	-15.59	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)	
*	11020	28.63	20.2	48.83	74	-25.17	Peak
-	5445.85	28.6	14.73	43.33	54	-10.67	Average
-	5445.85	40.59	14.73	55.32	74	-18.68	Peak
-	5464.05	43.28	14.79	58.07	68.2	-10.13	Peak
@	5510	70.12	14.93	85.05	-	-	Average
@	5510	80.53	14.93	95.46	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11020	29.46	20.2	49.66	74	-24.34	Peak
-	5457.4	30.11	14.76	44.87	54	-9.13	Average
-	5457.4	43.63	14.76	58.39	74	-15.61	Peak
-	5468.25	48.5	14.81	63.31	68.2	-4.89	Peak
@	5510	80.1	14.93	95.03	-	-	Average
@	5510	90.77	14.93	105.7	-	-	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 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)	
*	11100	30.36	20.32	50.68	74	-23.32	Peak
-	5445.85	28.5	14.73	43.23	54	-10.77	Average
-	5445.85	40.68	14.73	55.41	74	-18.59	Peak
-	5466.5	39.09	14.8	53.89	68.2	-14.31	Peak
@	5550	72.9	14.99	87.89	-	-	Average
@	5550	83.96	14.99	98.95	-	-	Peak
-	5728.65	40.5	15.38	55.88	68.2	-12.32	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)	
*	11100	29.39	20.32	49.71	74	-24.29	Peak
-	5457.05	30.51	14.76	45.27	54	-8.73	Average
-	5457.05	44.33	14.76	59.09	74	-14.91	Peak
-	5468.95	47.94	14.81	62.75	68.2	-5.45	Peak
@	5550	82.7	14.99	97.69	-	-	Average
@	5550	93.76	14.99	108.75	-	-	Peak
-	5748.25	42.66	15.49	58.15	68.2	-10.05	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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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)	
*	11340	28.92	20.24	49.16	74	-24.84	Peak
@	5670	71.5	15.18	86.68	-	-	Average
@	5670	82.5	15.18	97.68	-	-	Peak
-	5729.7	42.17	15.39	57.56	68.2	-10.64	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)	
*	11340	28.9	20.24	49.14	74	-24.86	Peak
@	5670	84.8	15.18	99.98	-	-	Average
@	5670	95.08	15.18	110.26	-	-	Peak
-	5732.85	49.65	15.41	65.06	68.2	-3.14	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 142	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)	
*	11420	28.42	20.45	48.87	74	-25.13	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11420	28.51	20.45	48.96	74	-25.04	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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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)	
*	11510	29.01	20.63	49.64	74	-24.36	Peak
-	5564.5	40.46	15.04	55.5	68.2	-12.7	Peak
-	5721	49.47	15.33	64.8	113.08	-48.28	Peak
@	5755	73.91	15.52	89.43	-	-	Average
@	5755	84.31	15.52	99.83	-	-	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)	
*	11510	30.06	20.63	50.69	74	-23.31	Peak
-	5613.5	42.6	15.16	57.76	68.2	-10.44	Peak
-	5718.5	61.36	15.32	76.68	110.38	-33.7	Peak
@	5755	83.11	15.52	98.63	-	-	Average
@	5755	93.02	15.52	108.54	-	-	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 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)	
*	11590	28.26	20.43	48.69	74	-25.31	Peak
-	5591.5	39.89	15.13	55.02	68.2	-13.18	Peak
-	5722.5	41.08	15.35	56.43	116.5	-60.07	Peak
@	5795	74.1	15.75	89.85	-	-	Average
@	5795	84.62	15.75	100.37	-	-	Peak
-	5850.5	40.95	16.05	57	121.06	-64.06	Peak
-	5988.5	39.96	16.43	56.39	68.2	-11.81	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11590	29.31	20.43	49.74	74	-24.26	Peak
-	5622.5	40.63	15.17	55.8	68.2	-12.4	Peak
-	5720	49.25	15.33	64.58	110.8	-46.22	Peak
@	5795	83.4	15.75	99.15	-	-	Average
@	5795	93.17	15.75	108.92	-	-	Peak
-	5870	50.27	16.12	66.39	106.6	-40.21	Peak
-	6019.5	40.41	16.5	56.91	68.2	-11.29	Peak

Remarks:

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

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Doc No: 17-EM-F0878 / 5.0



802.11ax (HE80)

OFDM

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)	
-	10420	30.45	19.21	49.66	68.2	-18.54	Peak
-	5113.4	30.35	14.49	44.84	54	-9.16	Average
@	5210	63.94	14.41	78.35	-	-	Average
-	5115.8	41.66	14.49	56.15	74	-17.85	Peak
@	5210	75.3	14.41	89.71	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10420	31.19	19.21	50.4	68.2	-17.8	Peak
-	5149.4	38.69	14.47	53.16	54	-0.84	Average
@	5210	74.38	14.41	88.79	-	-	Average
-	5142.8	53.19	14.47	67.66	74	-6.34	Peak
@	5210	90.71	14.41	105.12	-	-	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 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)	
-	10580	30.4	19.41	49.81	68.2	-18.39	Peak
@	5290	63.67	14.27	77.94	-	-	Average
-	5359.8	29.52	14.35	43.87	54	-10.13	Average
@	5290	76.13	14.27	90.4	-	-	Peak
-	5358.3	41.18	14.36	55.54	74	-18.46	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10580	29.72	19.41	49.13	68.2	-19.07	Peak
@	5290	73.31	14.27	87.58	-	-	Average
-	5353.5	38.91	14.34	53.25	54	-0.75	Average
@	5290	86.92	14.27	101.19	-	-	Peak
-	5352.3	50.29	14.33	64.62	74	-9.38	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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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)	
*	11060	30.39	20.27	50.66	74	-23.34	Peak
-	5440.6	29.61	14.7	44.31	54	-9.69	Average
-	5440.6	40.06	14.7	54.76	74	-19.24	Peak
-	5464.4	40.63	14.8	55.43	68.2	-12.77	Peak
@	5530	67.96	14.95	82.91	-	-	Average
@	5530	78.19	14.95	93.14	-	-	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)	
*	11060	29.02	20.27	49.29	74	-24.71	Peak
-	5443.75	37.15	14.72	51.87	54	-2.13	Average
-	5443.75	50.96	14.72	65.68	74	-8.32	Peak
-	5468.25	50.09	14.81	64.9	68.2	-3.3	Peak
@	5530	80.32	14.95	95.27	-	-	Average
@	5530	90.05	14.95	105	-	-	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 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)	
*	11220	28.87	20.01	48.88	74	-25.12	Peak
-	5443.05	33.9	14.71	48.61	54	-5.39	Average
-	5443.05	42.3	14.71	57.01	74	-16.99	Peak
-	5466.5	41.18	14.8	55.98	68.2	-12.22	Peak
@	5610	73.2	15.16	88.36	-	-	Average
@	5610	83.6	15.16	98.76	-	-	Peak
-	5726.55	44.21	15.37	59.58	68.2	-8.62	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)	
*	11220	29.72	20.01	49.73	74	-24.27	Peak
-	5436.4	37.2	14.68	51.88	54	-2.12	Average
-	5436.4	50.54	14.68	65.22	74	-8.78	Peak
-	5464.4	51.34	14.8	66.14	68.2	-2.06	Peak
@	5610	84.1	15.16	99.26	-	-	Average
@	5610	94.72	15.16	109.88	-	-	Peak
-	5727.95	51.76	15.38	67.14	68.2	-1.06	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 138	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)	
*	11380	29.3	20.34	49.64	74	-24.36	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11380	28.62	20.34	48.96	74	-25.04	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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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)	
*	11550	28.92	20.52	49.44	74	-24.56	Peak
-	5642.5	48.36	15.14	63.5	68.2	-4.7	Peak
-	5725	53.1	15.36	68.46	122.2	-53.74	Peak
@	5775	71.09	15.64	86.73	-	-	Average
@	5775	81.47	15.64	97.11	-	-	Peak
-	5855	52.38	16.07	68.45	110.8	-42.35	Peak
-	5953	42.53	16.31	58.84	68.2	-9.36	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11550	29.7	20.52	50.22	74	-23.78	Peak
-	5619.5	52.1	15.16	67.26	68.2	-0.94	Peak
-	5709	66.5	15.27	81.77	107.72	-25.95	Peak
@	5775	81.03	15.64	96.67	-	-	Average
@	5775	91.14	15.64	106.78	-	-	Peak
-	5852	62.54	16.06	78.6	117.64	-39.04	Peak
-	5936.5	50.3	16.28	66.58	68.2	-1.62	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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OFDMA

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)	
-	10420	30.41	19.21	49.62	68.2	-18.58	Peak
-	5115.8	30.17	14.49	44.66	54	-9.34	Average
@	5210	64.83	14.41	79.24	-	-	Average
-	5079.2	41.72	14.43	56.15	74	-17.85	Peak
@	5210	76.27	14.41	90.68	-	-	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)	
-	10420	31.56	19.21	50.77	68.2	-17.43	Peak
-	5148.8	37.65	14.47	52.12	54	-1.88	Average
@	5210	79.2	14.41	93.61	-	-	Average
-	5148.2	54.18	14.47	68.65	74	-5.35	Peak
@	5210	88.67	14.41	103.08	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. The 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)	
-	10580	30.62	19.41	50.03	68.2	-18.17	Peak
@	5290	67.39	14.27	81.66	-	-	Average
-	5357.1	29.53	14.35	43.88	54	-10.12	Average
@	5290	75.01	14.27	89.28	-	-	Peak
-	5409.3	38.87	14.54	53.41	74	-20.59	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)	
-	10580	29.8	19.41	49.21	68.2	-18.99	Peak
@	5290	78.15	14.27	92.42	-	-	Average
-	5352.6	37.87	14.34	52.21	54	-1.79	Average
@	5290	87.7	14.27	101.97	-	-	Peak
-	5351.1	44.94	14.33	59.27	74	-14.73	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)	
*	11060	30.16	20.27	50.43	74	-23.57	Peak
-	5427.65	28.9	14.63	43.53	54	-10.47	Average
-	5427.65	39.6	14.63	54.23	74	-19.77	Peak
-	5469.3	40.07	14.81	54.88	68.2	-13.32	Peak
@	5530	64.81	14.95	79.76	-	-	Average
@	5530	75	14.95	89.95	-	-	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)	
*	11060	29.17	20.27	49.44	74	-24.56	Peak
-	5452.85	37.59	14.77	52.36	54	-1.64	Average
-	5452.85	44.43	14.77	59.2	74	-14.8	Peak
-	5463.7	47.71	14.79	62.5	68.2	-5.7	Peak
@	5530	78.11	14.95	93.06	-	-	Average
@	5530	88.98	14.95	103.93	-	-	Peak

Remarks:

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

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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)	
*	11220	29	20.01	49.01	74	-24.99	Peak
-	5440.95	28.4	14.7	43.1	54	-10.9	Average
-	5440.95	39.82	14.7	54.52	74	-19.48	Peak
-	5467.55	38.97	14.81	53.78	68.2	-14.42	Peak
@	5610	69.9	15.16	85.06	-	-	Average
@	5610	80.71	15.16	95.87	-	-	Peak
-	5726.2	40.63	15.36	55.99	68.2	-12.21	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)	
*	11220	29.84	20.01	49.85	74	-24.15	Peak
-	5422.05	34.5	14.6	49.1	54	-4.9	Average
-	5422.05	46.9	14.6	61.5	74	-12.5	Peak
-	5468.6	45.87	14.81	60.68	68.2	-7.52	Peak
@	5610	82.5	15.16	97.66	-	-	Average
@	5610	92.07	15.16	107.23	-	-	Peak
-	5733.2	51.25	15.41	66.66	68.2	-1.54	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 138	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)	
*	11380	29.58	20.34	49.92	74	-24.08	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)	
*	11380	28.83	20.34	49.17	74	-24.83	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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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)	
*	11550	28.9	20.52	49.42	74	-24.58	Peak
-	5645	41.29	15.14	56.43	68.2	-11.77	Peak
-	5717	52.66	15.32	67.98	109.96	-41.98	Peak
@	5775	67.2	15.64	82.84	-	-	Average
@	5775	77.68	15.64	93.32	-	-	Peak
-	5851.5	46.95	16.06	63.01	118.78	-55.77	Peak
-	5982.5	41.08	16.4	57.48	68.2	-10.72	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)	
*	11550	30.09	20.52	50.61	74	-23.39	Peak
-	5632.5	47.38	15.15	62.53	68.2	-5.67	Peak
-	5705.5	60.99	15.25	76.24	106.74	-30.5	Peak
@	5775	80.2	15.64	95.84	-	-	Average
@	5775	90.56	15.64	106.2	-	-	Peak
-	5853	55.98	16.07	72.05	115.36	-43.31	Peak
-	5936.5	48.39	16.28	64.67	68.2	-3.53	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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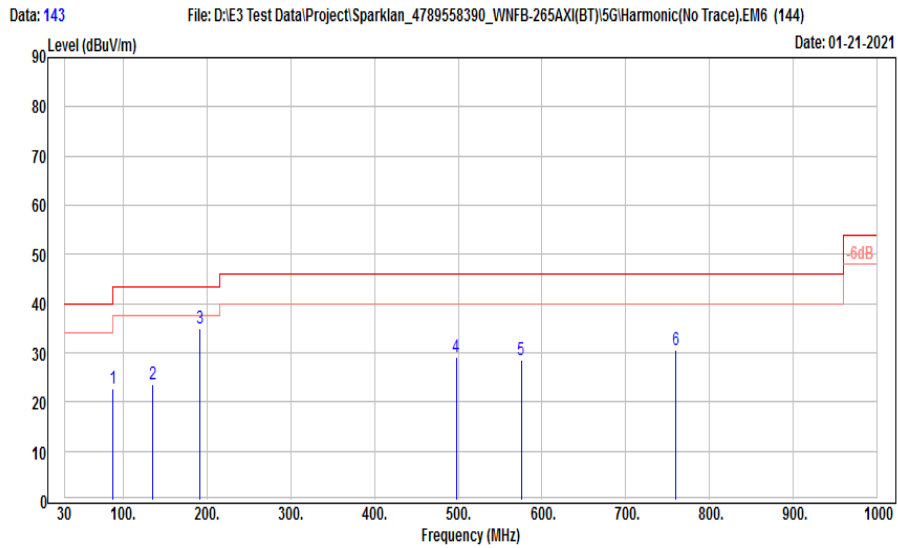
30 MHz ~ 1 GHz Data

Non-Beamforming mode

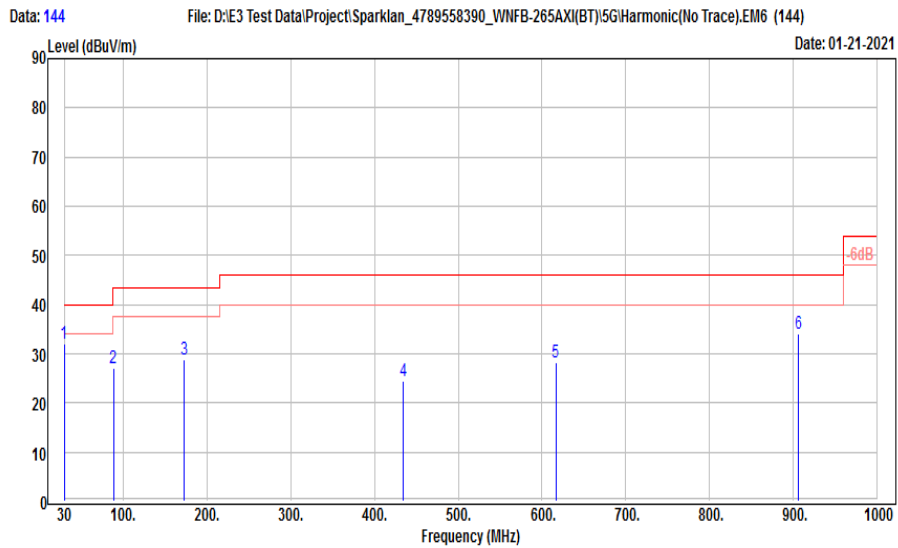
802.11a

EUT Test Condition		Measurement Detail	
Channel	Channel 36	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)	
-	88.2	40.39	-17.61	22.78	43.5	-20.72	Peak
-	135.73	35.98	-12.45	23.53	43.5	-19.97	Peak
-	191.99	47.61	-12.79	34.82	43.5	-8.68	Peak
-	497.54	33.52	-4.54	28.98	46	-17.02	Peak
-	575.14	31.51	-2.88	28.63	46	-17.37	Peak
-	759.44	29.73	0.96	30.69	46	-15.31	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	30	44.2	-12.22	31.98	40	-8.02	Peak
-	89.17	44.66	-17.68	26.98	43.5	-16.52	Peak
-	173.56	40.35	-11.47	28.88	43.5	-14.62	Peak
-	434.49	30.7	-6.3	24.4	46	-21.6	Peak
-	616.85	29.9	-1.59	28.31	46	-17.69	Peak
-	905.91	31.09	3.1	34.19	46	-11.81	Peak

Remarks:

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

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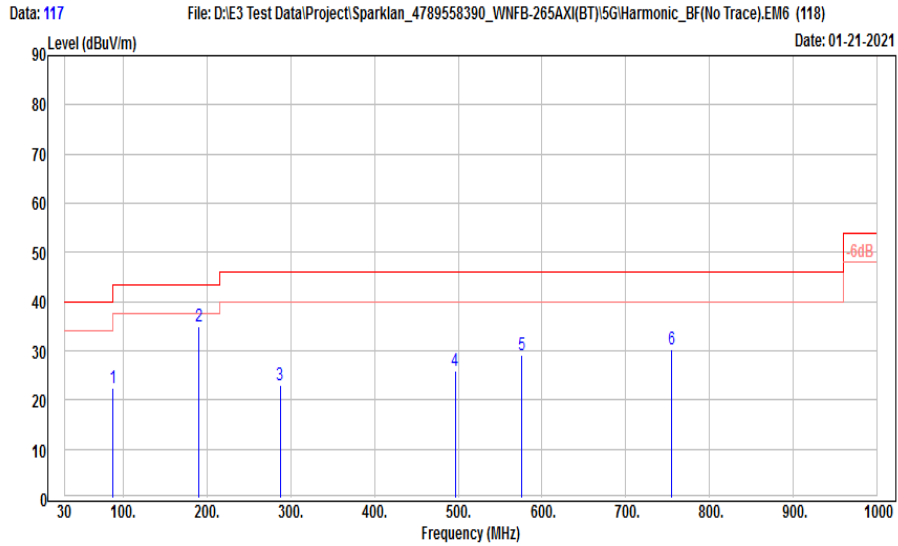


Beamforming mode

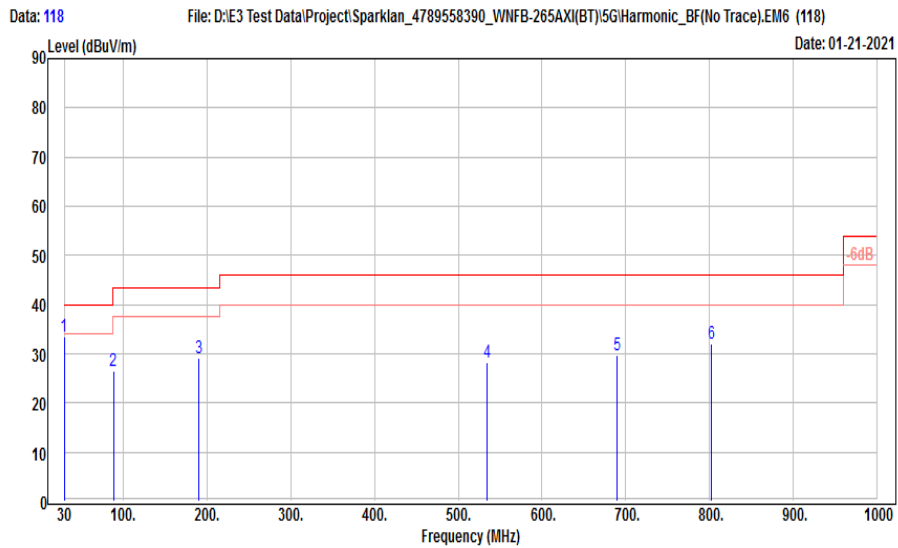
802.11ax (HE20)

EUT Test Condition		Measurement Detail	
Channel	Channel 36	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)	
-	88.2	40.04	-17.61	22.43	43.5	-21.07	Peak
-	191.02	47.59	-12.59	35	43.5	-8.5	Peak
-	288.02	33.34	-10.39	22.95	46	-23.05	Peak
-	496.57	30.43	-4.53	25.9	46	-20.1	Peak
-	576.11	31.89	-2.85	29.04	46	-16.96	Peak
-	754.59	29.66	0.75	30.41	46	-15.59	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)	
-	30	45.8	-12.22	33.58	40	-6.42	Peak
-	89.17	44.17	-17.68	26.49	43.5	-17.01	Peak
-	191.02	41.65	-12.59	29.06	43.5	-14.44	Peak
-	534.4	31.76	-3.4	28.36	46	-17.64	Peak
-	689.6	30.66	-0.94	29.72	46	-16.28	Peak
-	802.12	31.1	0.97	32.07	46	-13.93	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. 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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Doc No: 17-EM-F0878 / 5.0



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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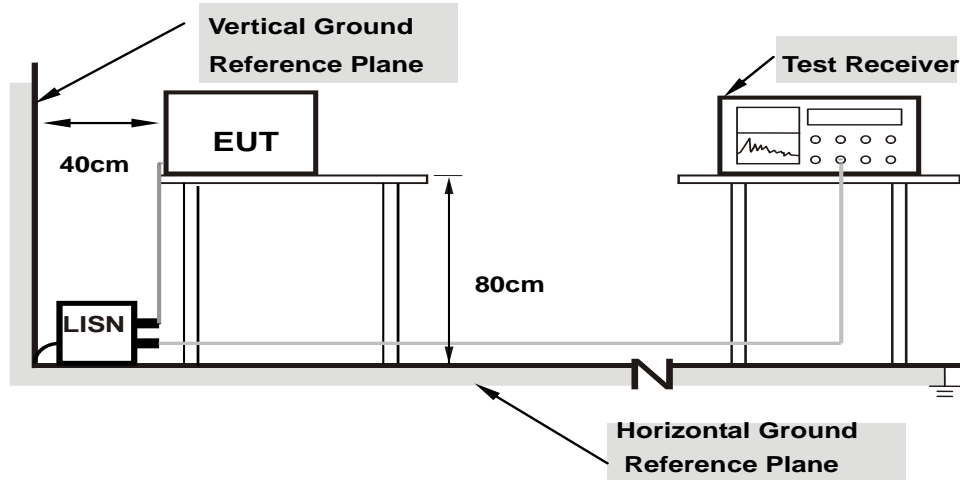
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Test Setup



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

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

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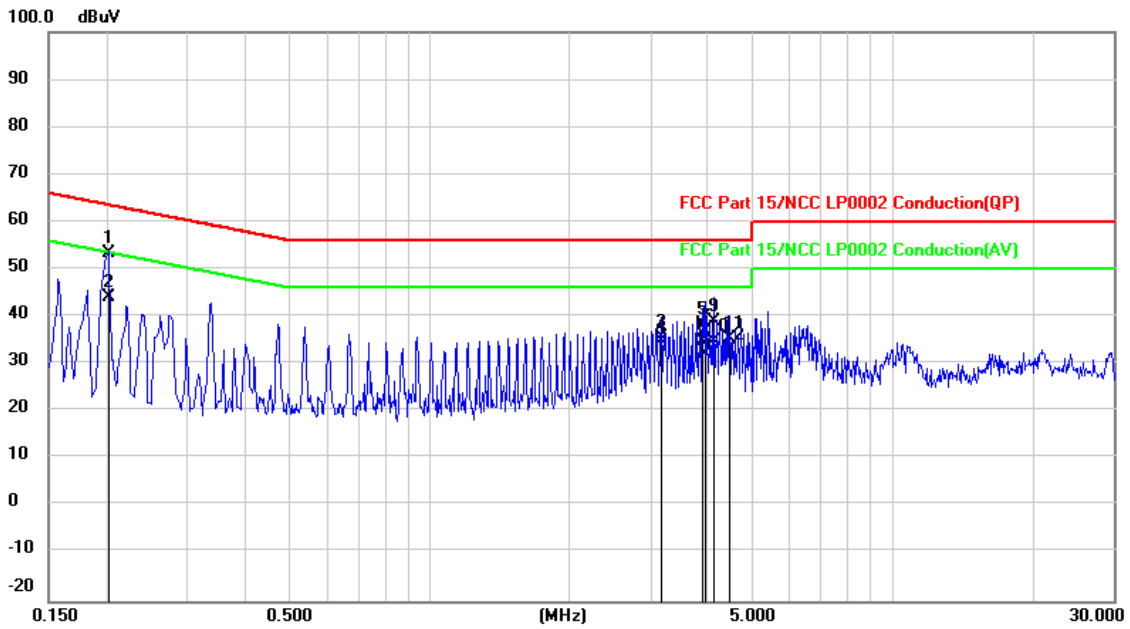
Test Data

Non-Beamforming mode

802.11a

EUT Test Condition		Measurement Detail	
Channel	Channel 36	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	33.82	19.48	53.30	63.53	-10.23	QP
2	0.2020	24.55	19.48	44.03	53.53	-9.50	AVG
3	3.1580	16.11	19.55	35.66	56.00	-20.34	QP
4	3.1580	15.31	19.55	34.86	46.00	-11.14	AVG
5	3.8980	18.90	19.57	38.47	56.00	-17.53	QP
6	3.8980	15.24	19.57	34.81	46.00	-11.19	AVG
7	3.9620	17.13	19.57	36.70	56.00	-19.30	QP
8	3.9620	12.60	19.57	32.17	46.00	-13.83	AVG
9	4.0980	19.36	19.58	38.94	56.00	-17.06	QP
10	4.0980	15.12	19.58	34.70	46.00	-11.30	AVG
11	4.4380	15.81	19.58	35.39	56.00	-20.61	QP
12	4.4380	13.52	19.58	33.10	46.00	-12.90	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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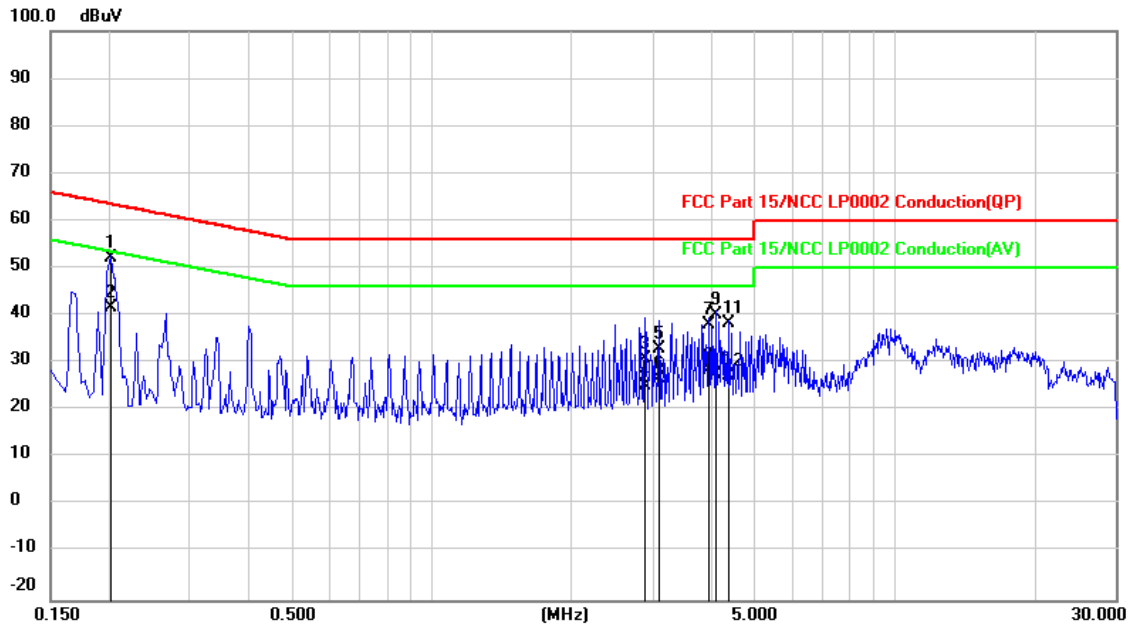
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Phase of Power : Neutral (N)



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No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2020	32.67	19.48	52.15	63.53	-11.38	QP
2	0.2020	22.10	19.48	41.58	53.53	-11.95	AVG
3	2.8980	11.32	19.54	30.86	56.00	-25.14	QP
4	2.8980	5.51	19.54	25.05	46.00	-20.95	AVG
5	3.0980	13.32	19.54	32.86	56.00	-23.14	QP
6	3.0980	7.22	19.54	26.76	46.00	-19.24	AVG
7	3.9700	18.57	19.57	38.14	56.00	-17.86	QP
8	3.9700	8.81	19.57	28.38	46.00	-17.62	AVG
9	4.1060	20.72	19.58	40.30	56.00	-15.70	QP
10	4.1060	8.02	19.58	27.60	46.00	-18.40	AVG
11	4.3740	18.84	19.58	38.42	56.00	-17.58	QP
12	4.3740	7.59	19.58	27.17	46.00	-18.83	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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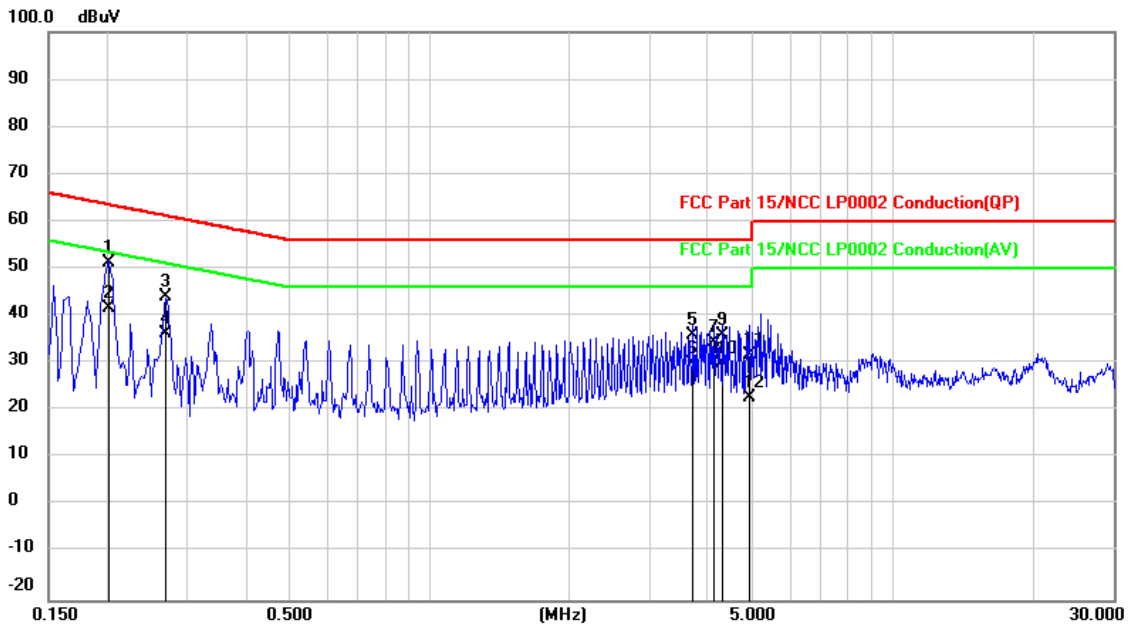


Beamforming mode

802.11ax (HE20)

EUT Test Condition		Measurement Detail	
Channel	Channel 36	Frequency Range	150 kHz ~ 30 MHz

Phase of Power : Line (L)



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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	0.2020	31.82	19.48	51.30	63.53	-12.23	QP
2	0.2020	22.27	19.48	41.75	53.53	-11.78	AVG
3	0.2700	24.52	19.48	44.00	61.12	-17.12	QP
4	0.2700	16.74	19.48	36.22	51.12	-14.90	AVG
5	3.7020	16.46	19.57	36.03	56.00	-19.97	QP
6	3.7020	10.40	19.57	29.97	46.00	-16.03	AVG
7	4.1100	14.89	19.58	34.47	56.00	-21.53	QP
8	4.1100	10.43	19.58	30.01	46.00	-15.99	AVG
9	4.3100	16.52	19.58	36.10	56.00	-19.90	QP
10	4.3100	10.33	19.58	29.91	46.00	-16.09	AVG
11	4.9100	12.16	19.60	31.76	56.00	-24.24	QP
12	4.9100	3.27	19.60	22.87	46.00	-23.13	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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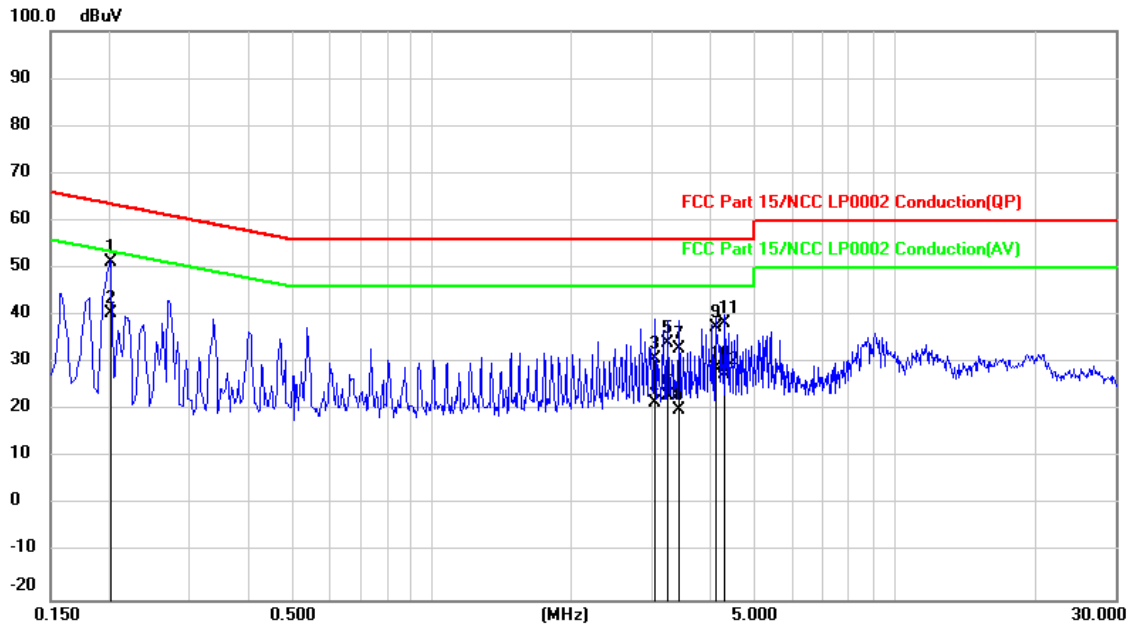
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Doc No: 17-EM-F0878 / 5.0



Phase of Power : Neutral (N)



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No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.2020	31.85	19.48	51.33	63.53	-12.20	QP
2	0.2020	20.87	19.48	40.35	53.53	-13.18	AVG
3	3.0340	11.44	19.54	30.98	56.00	-25.02	QP
4	3.0340	1.99	19.54	21.53	46.00	-24.47	AVG
5	3.2300	14.67	19.54	34.21	56.00	-21.79	QP
6	3.2300	3.39	19.54	22.93	46.00	-23.07	AVG
7	3.4340	13.31	19.55	32.86	56.00	-23.14	QP
8	3.4340	0.61	19.55	20.16	46.00	-25.84	AVG
9	4.1060	17.97	19.58	37.55	56.00	-18.45	QP
10	4.1060	9.15	19.58	28.73	46.00	-17.27	AVG
11	4.3100	18.76	19.58	38.34	56.00	-17.66	QP
12	4.3100	7.91	19.58	27.49	46.00	-18.51	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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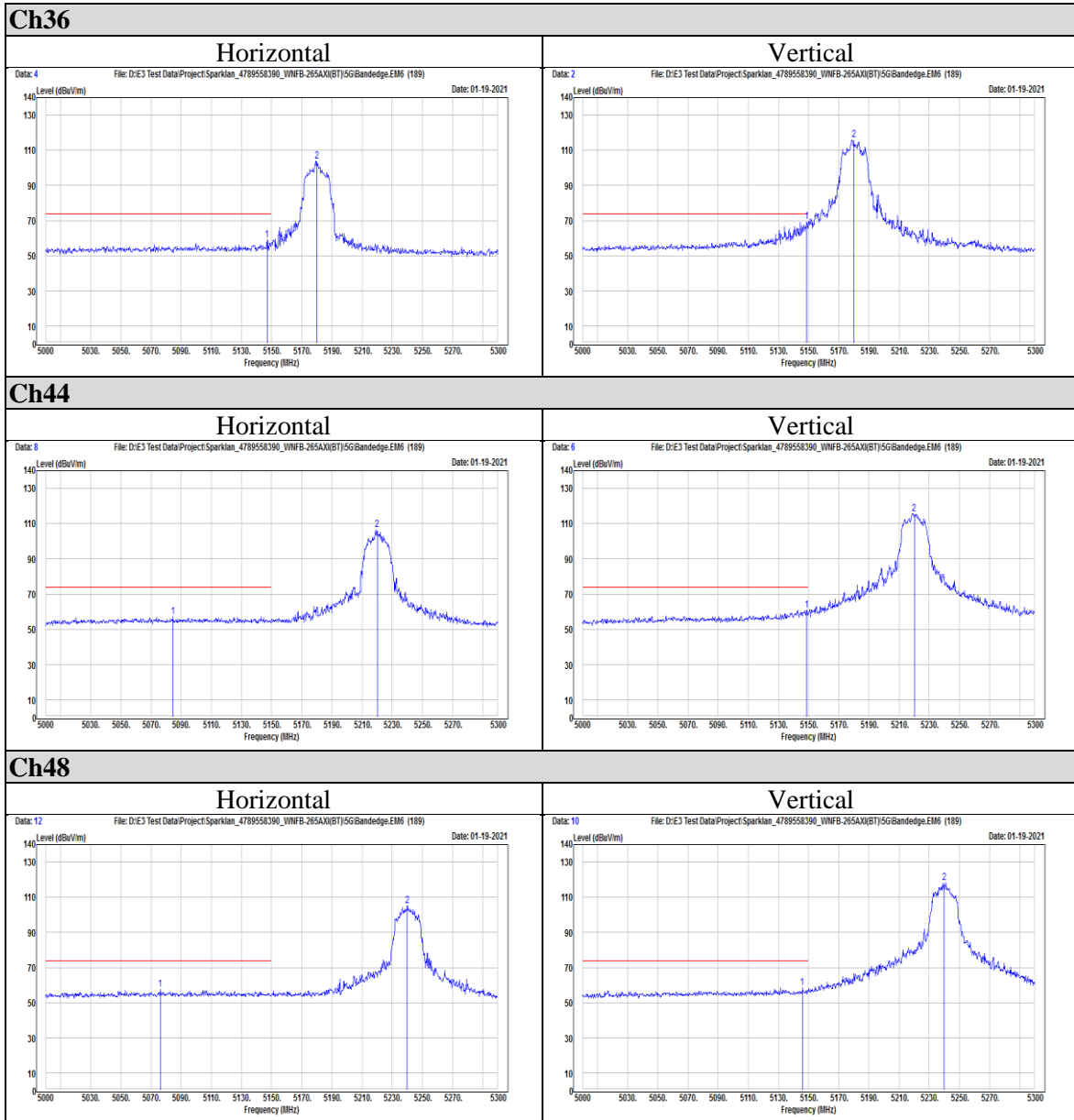


Appendix I Radiated Band Edge and OOB Measurement

Non-Beamforming mode

802.11a

Peak



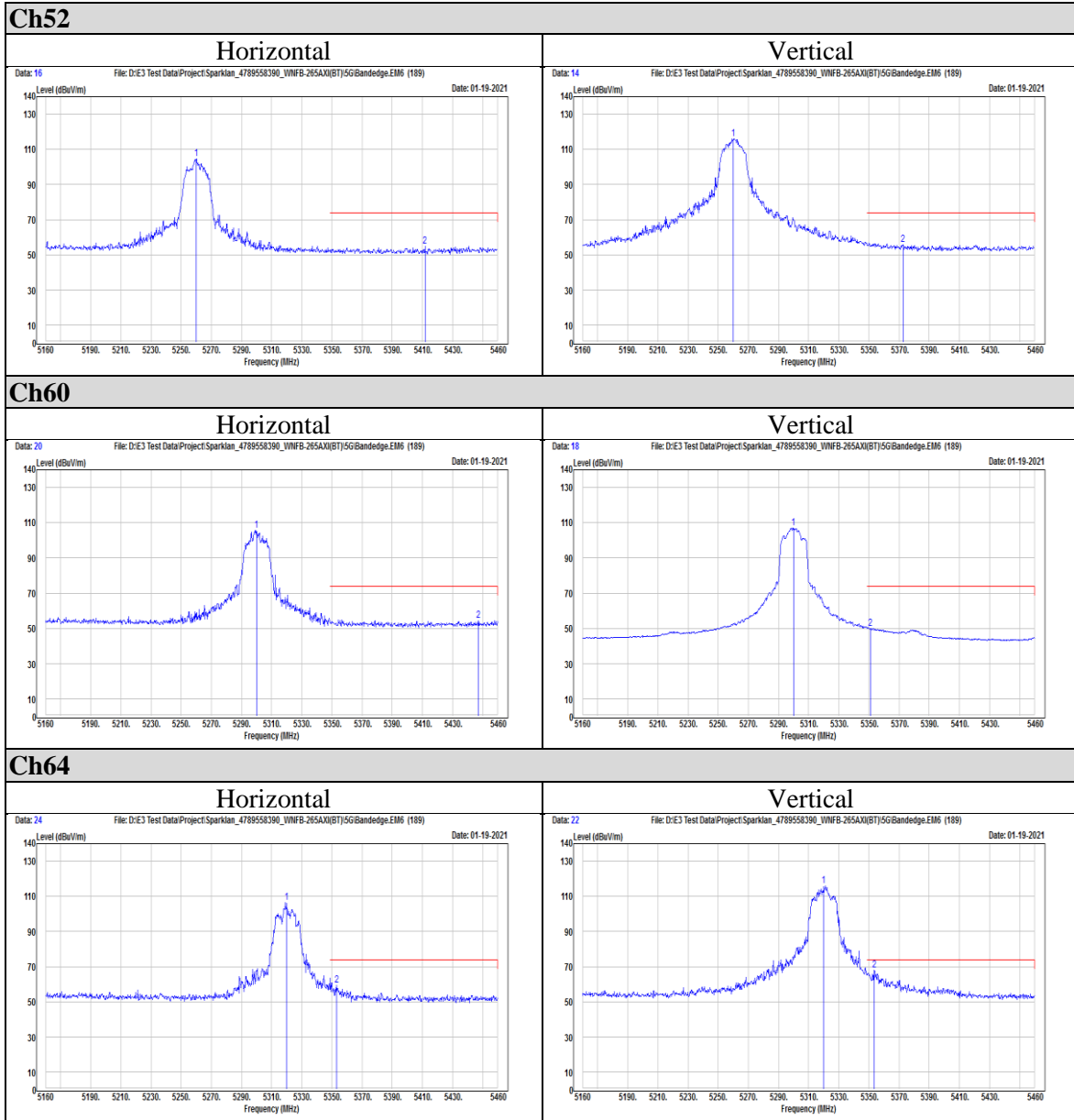
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Doc No: 17-EM-F0878 / 5.0

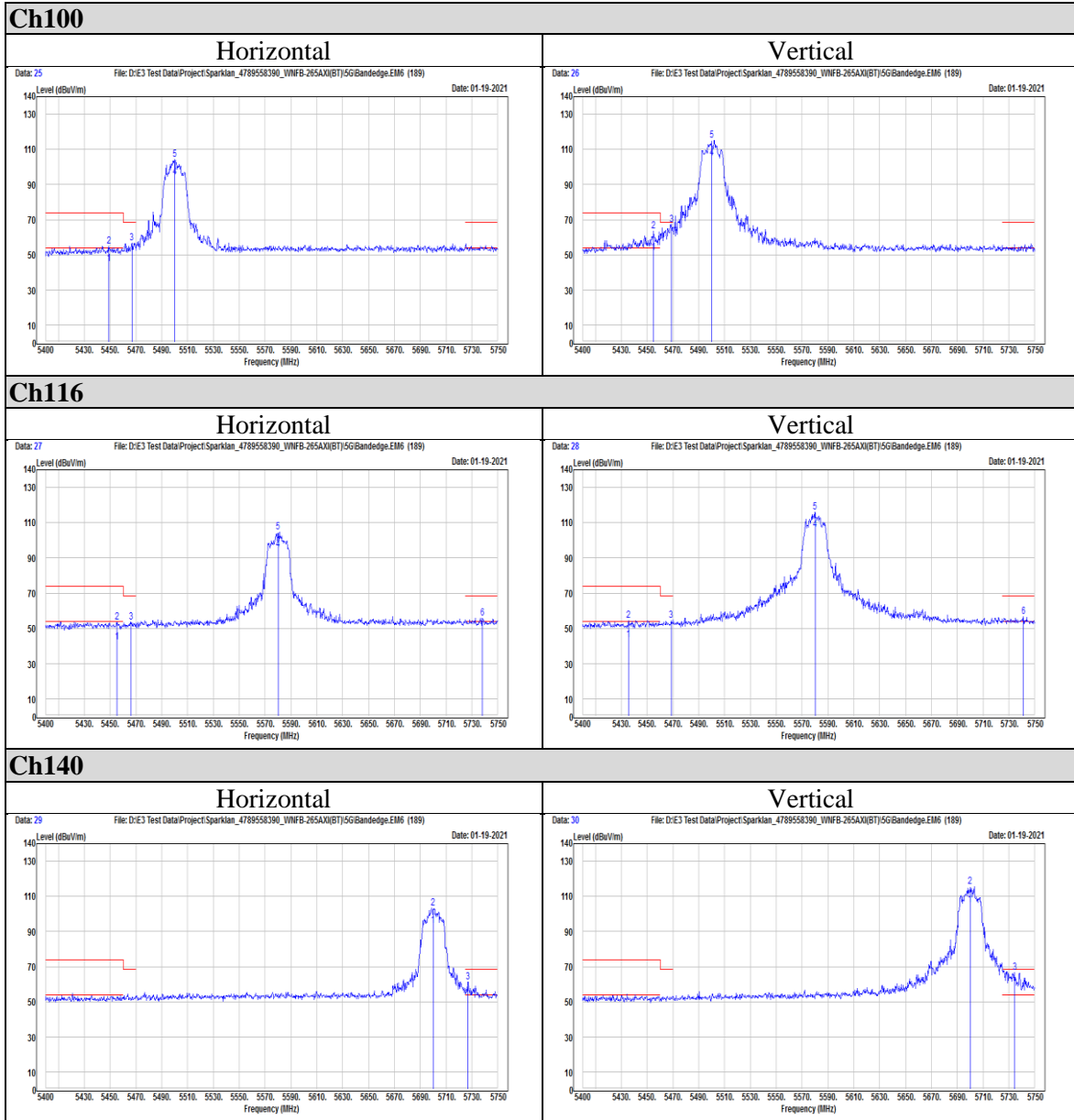


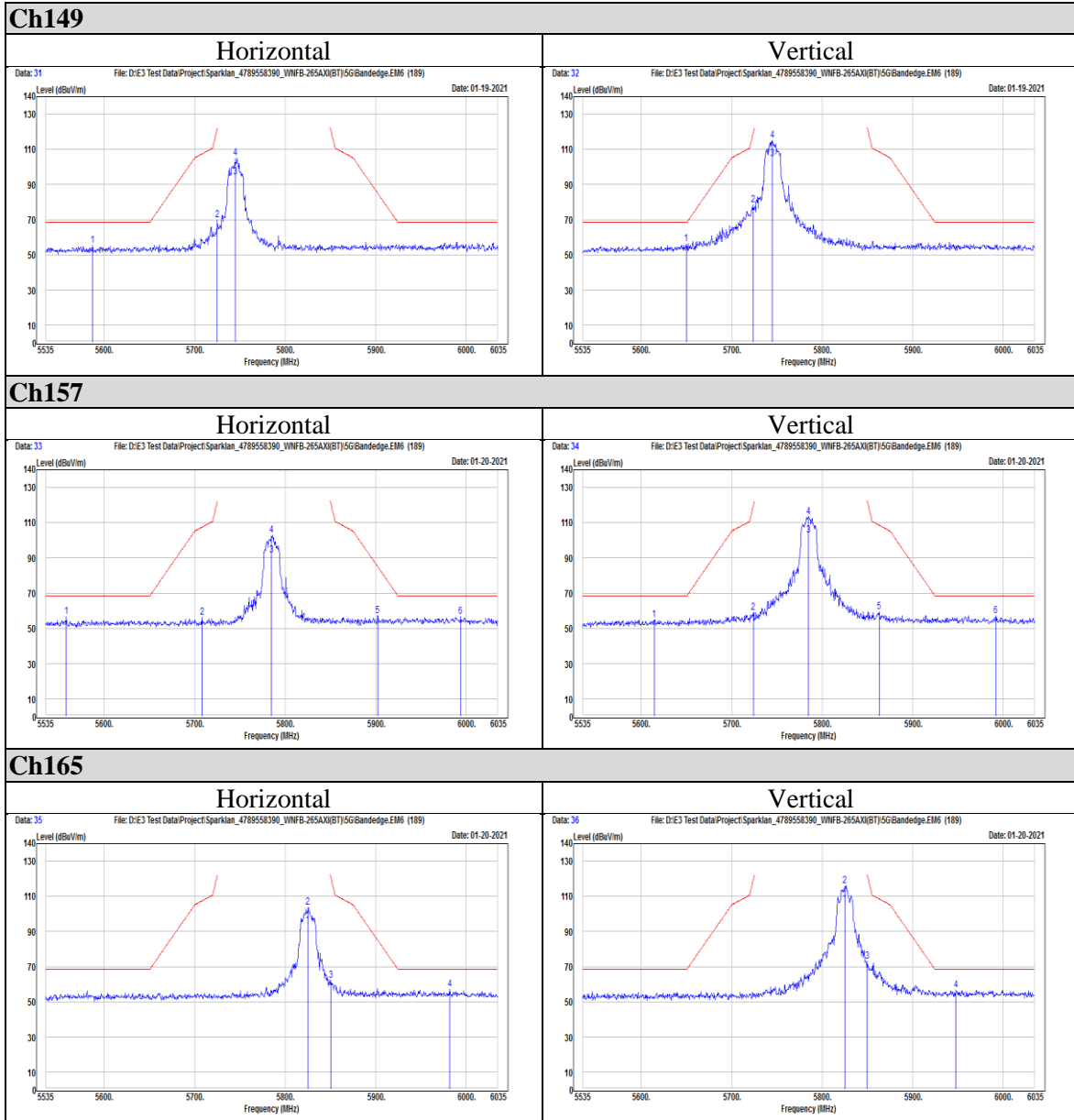
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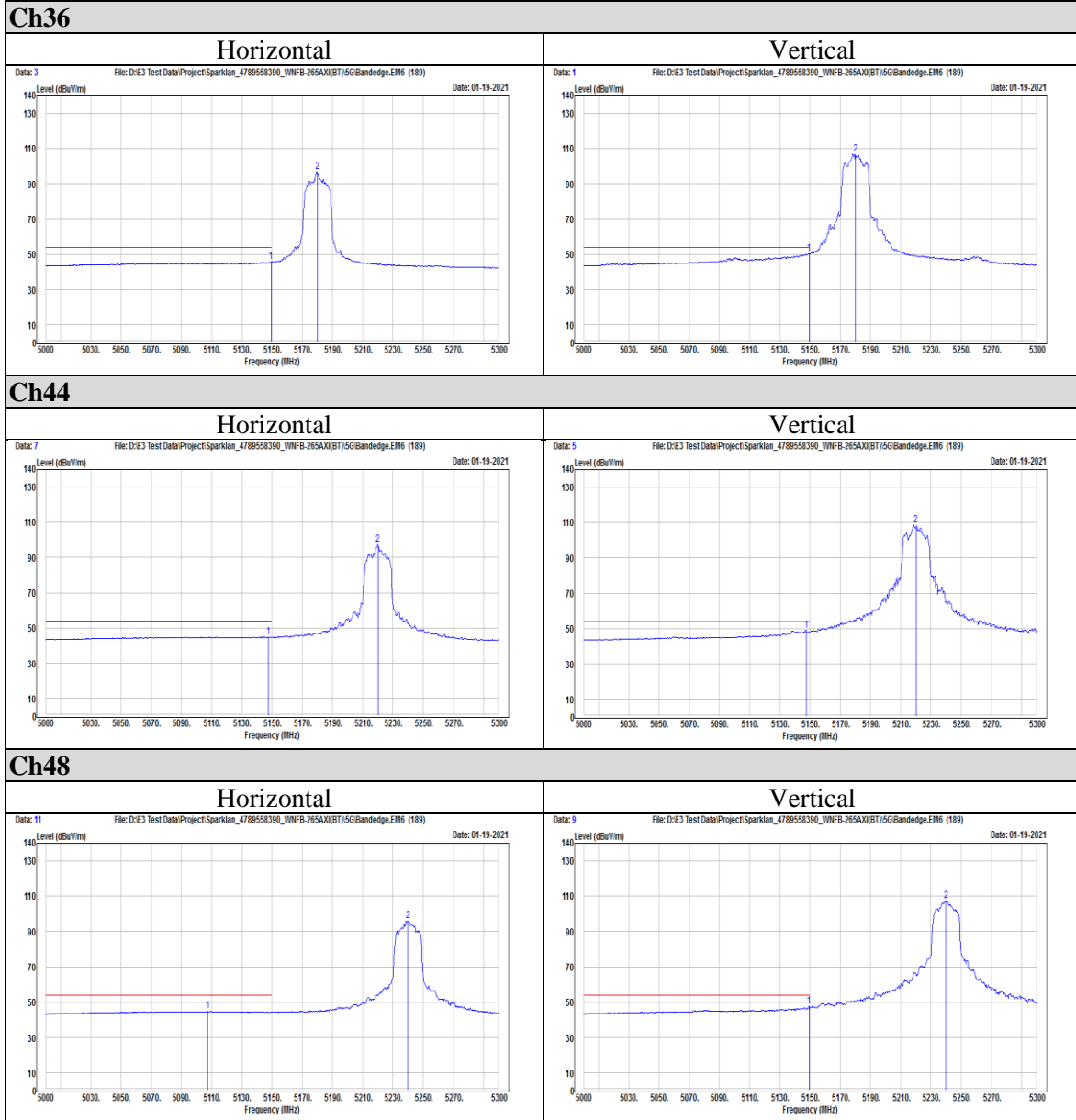
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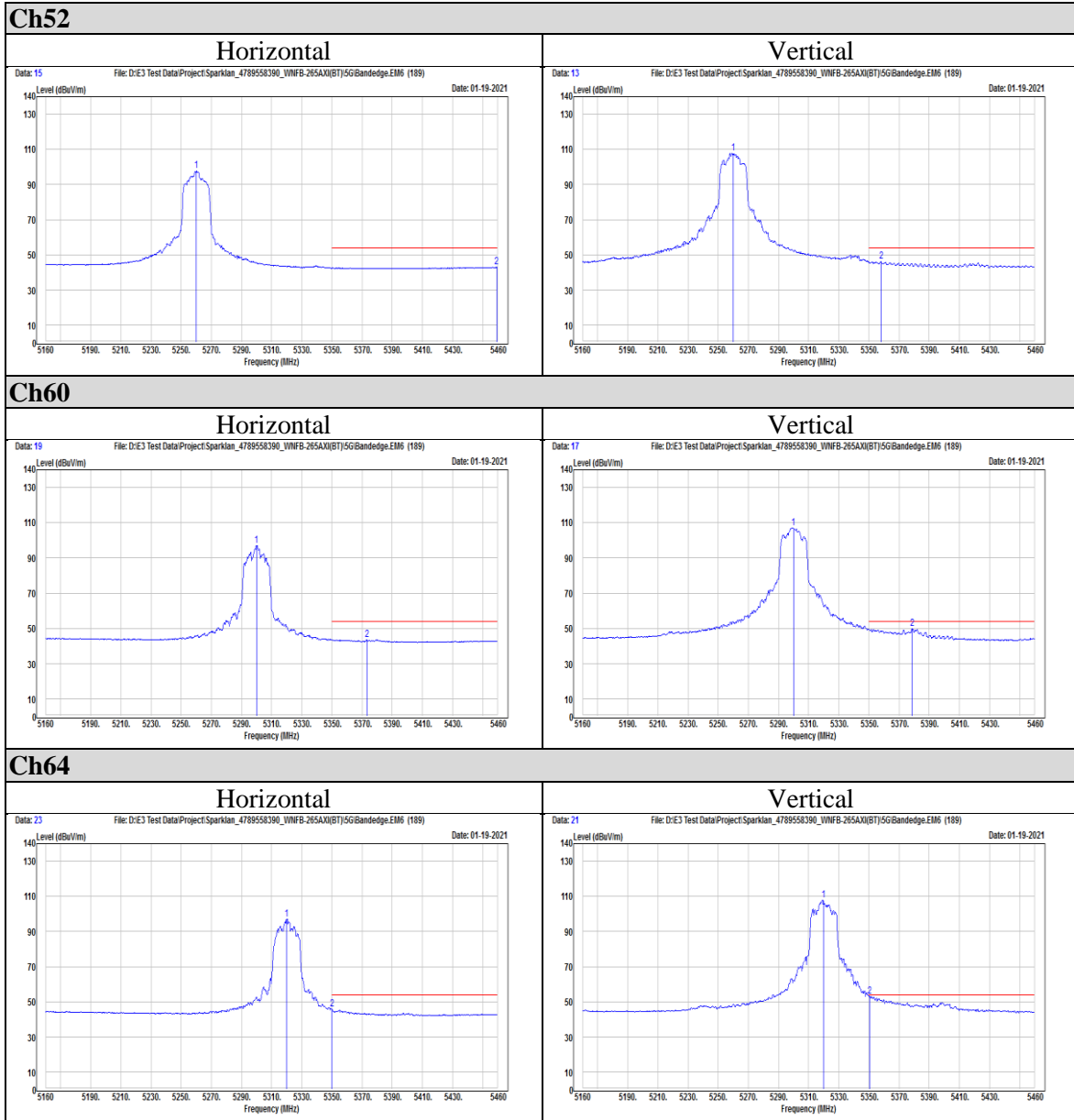






Average

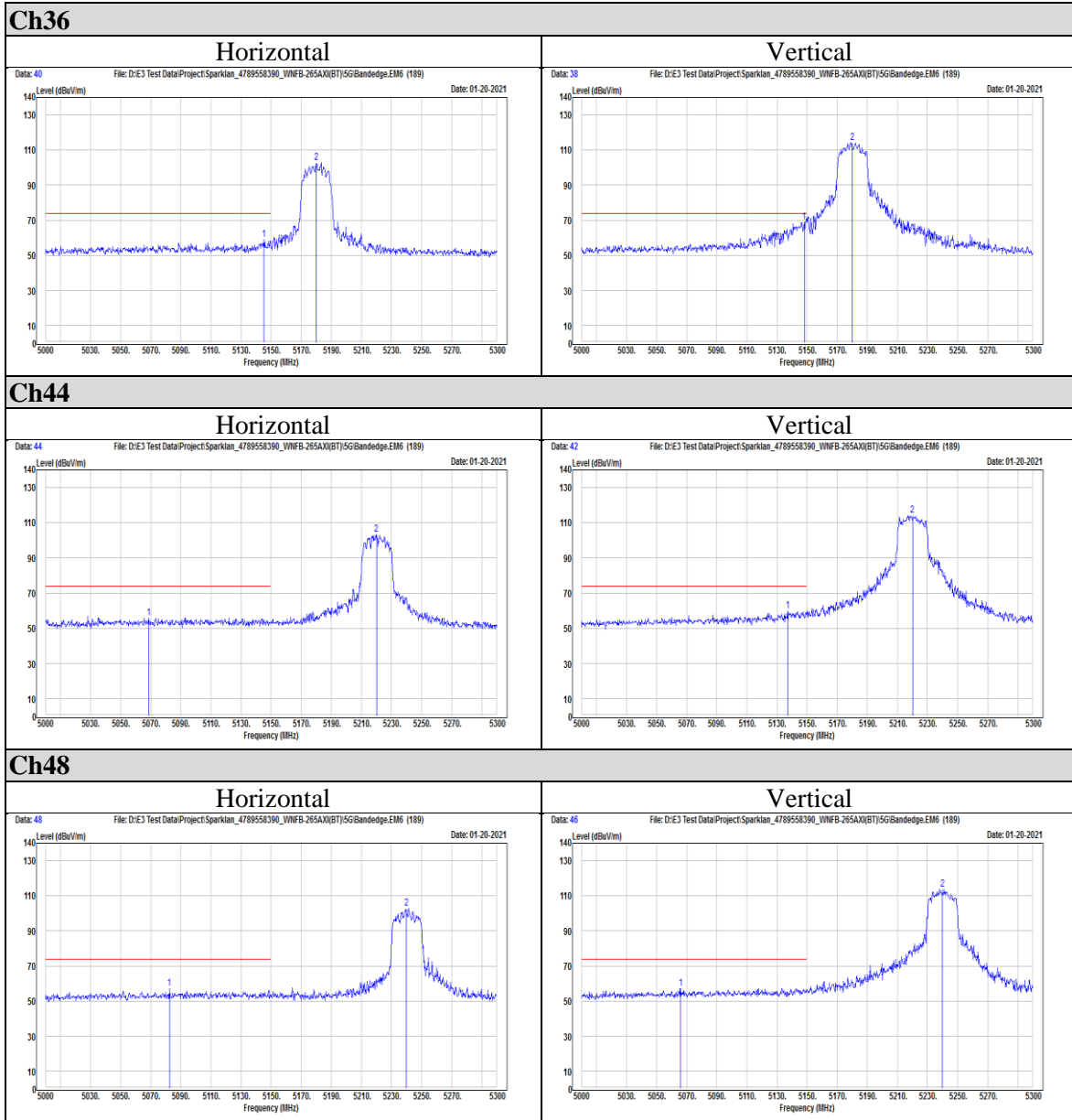


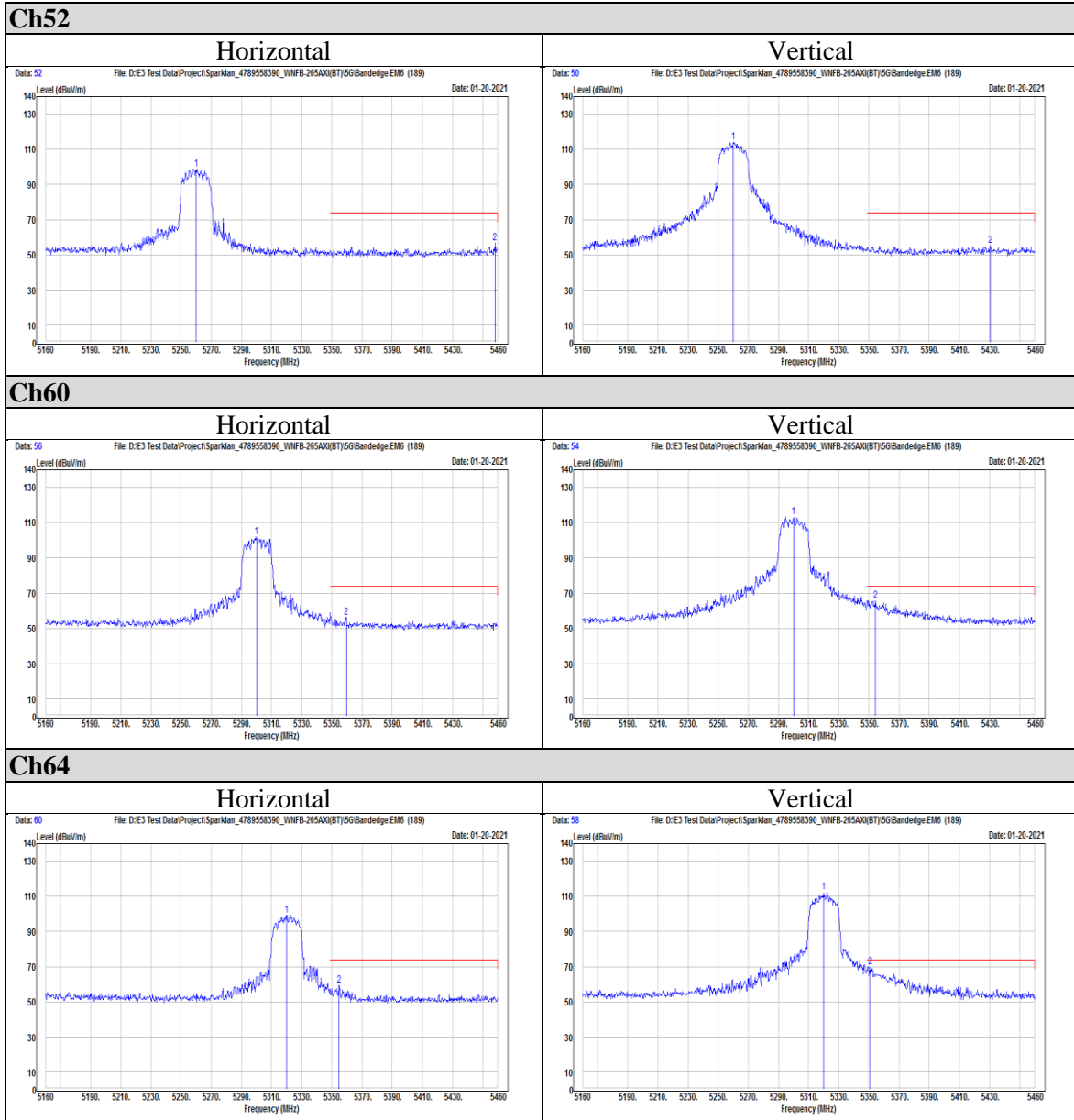




802.11ax (HE20)

OFDM Peak



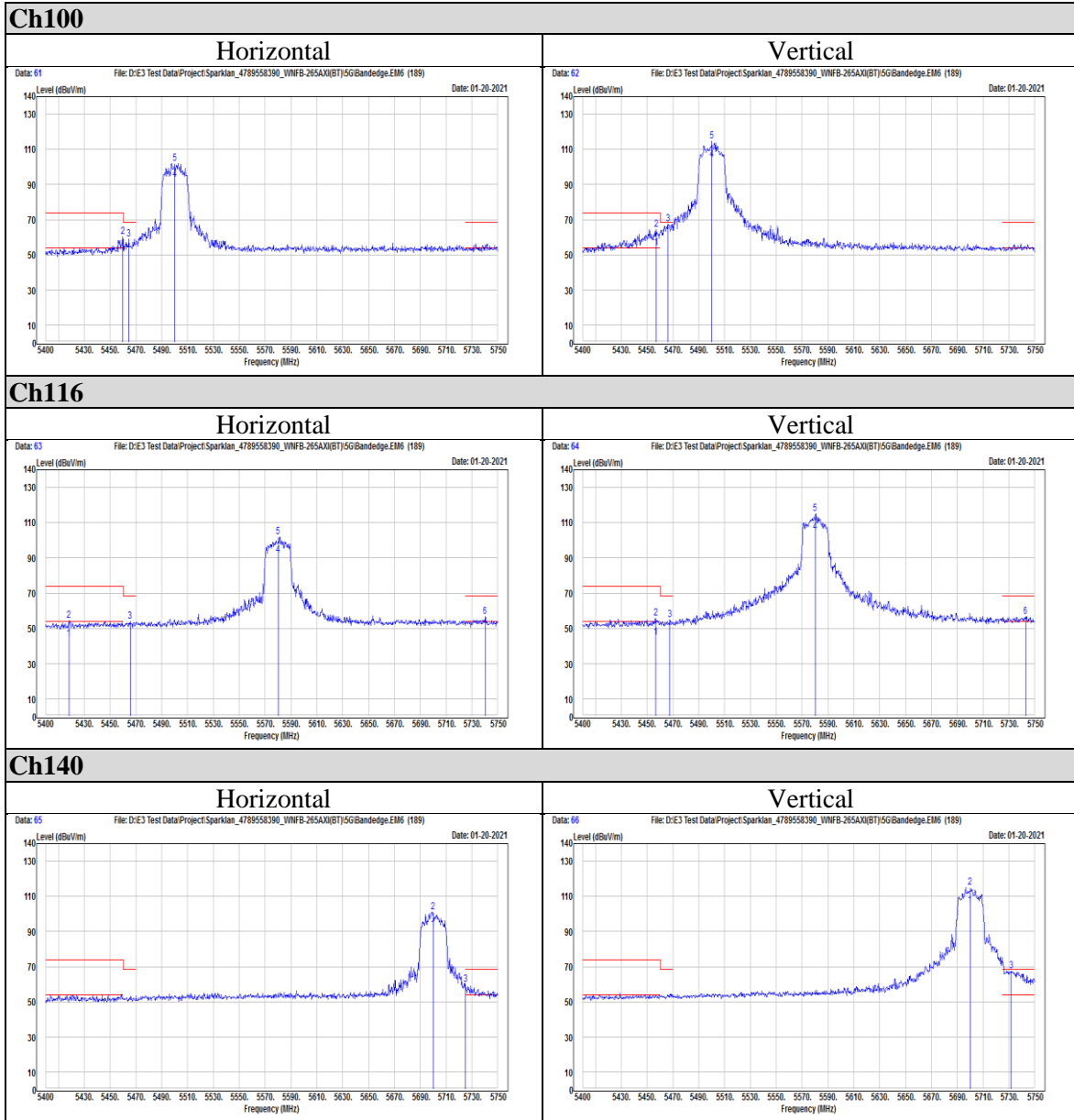


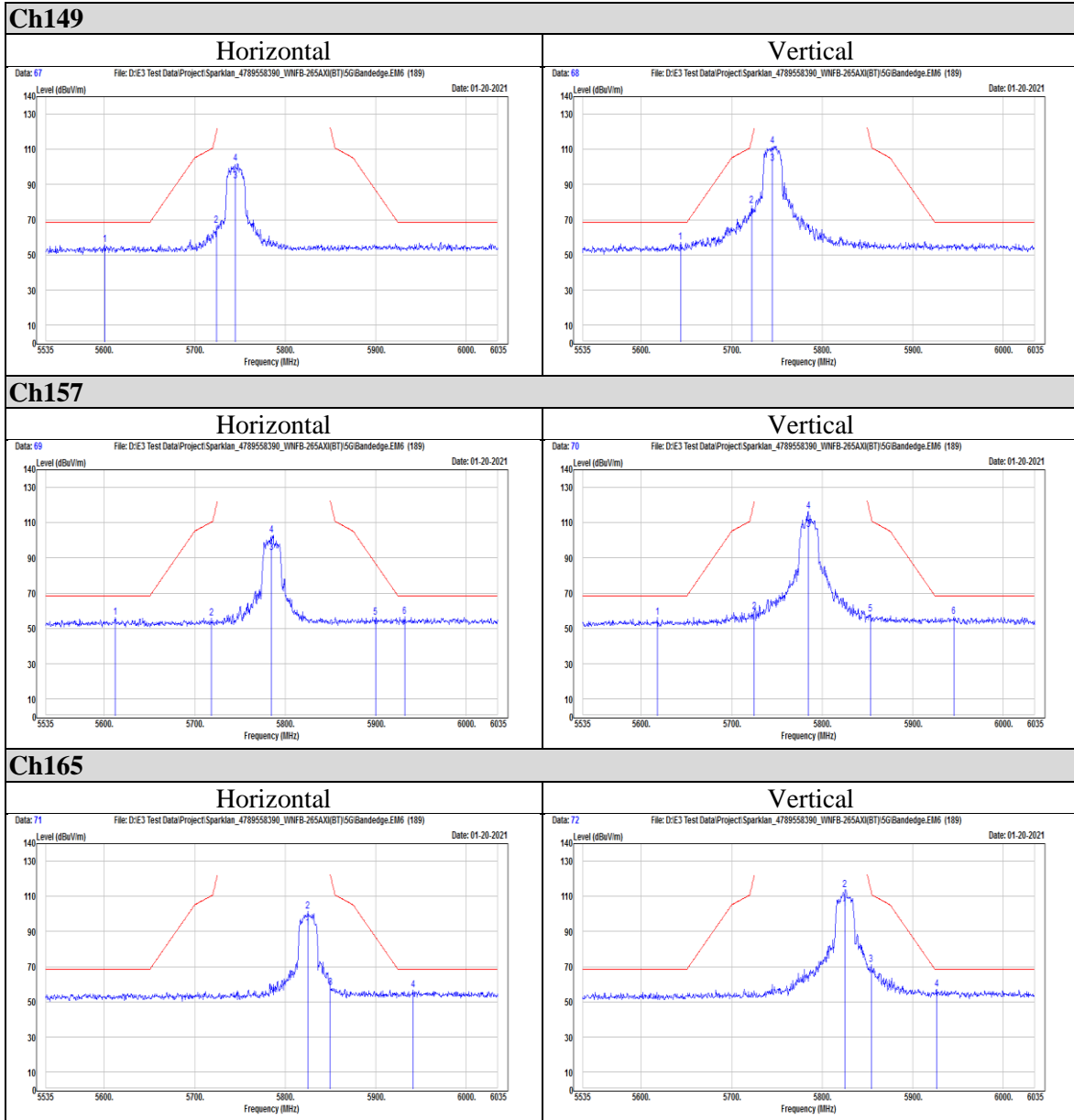
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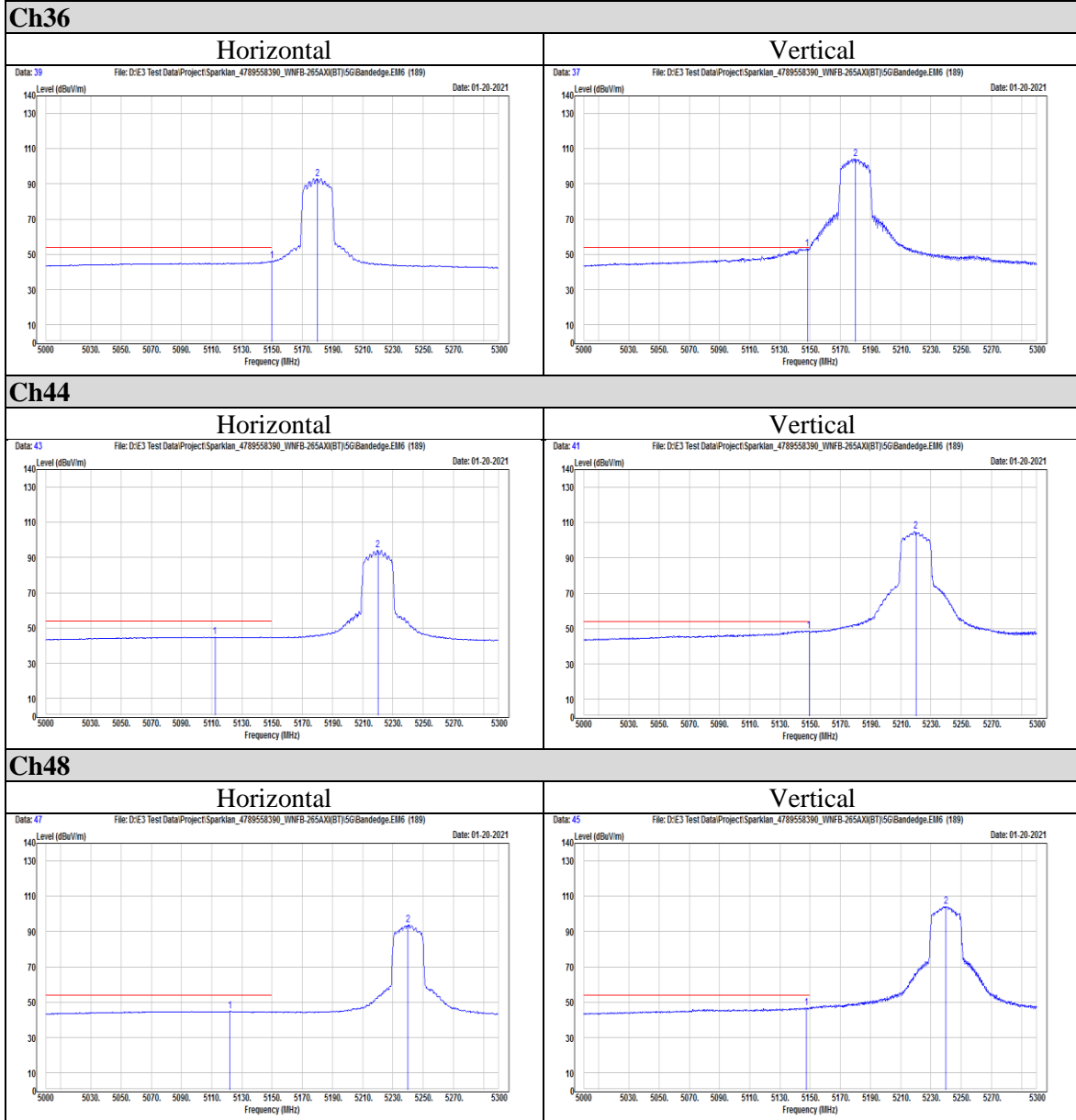
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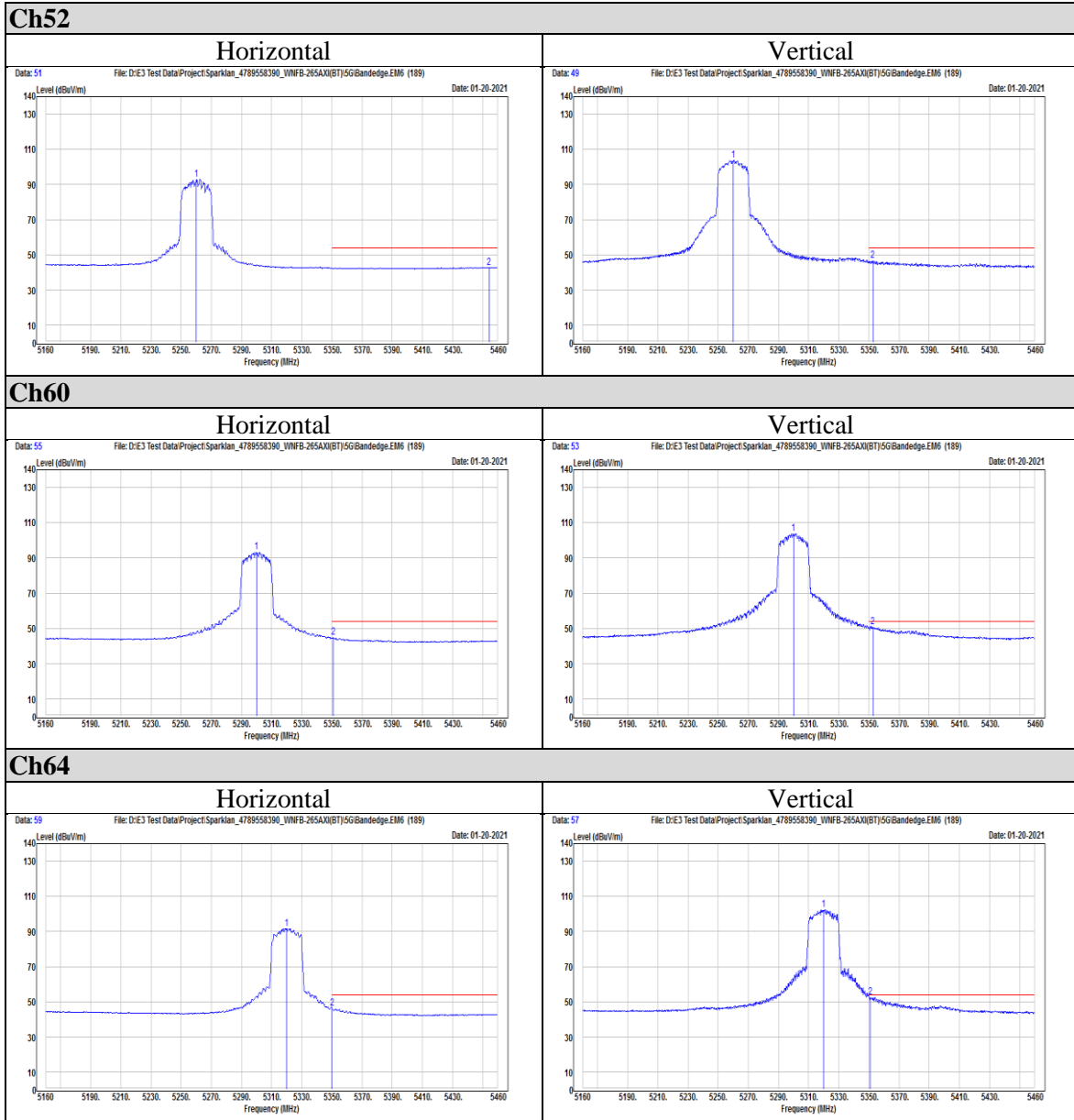






Average







OFDMA
Peak

