



Beamforming mode

OFDM

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	18.90	18.94
44	5220	19.14	19.02
48	5240	19.14	18.98
52	5260	18.98	18.94
60	5300	19.02	18.94
64	5320	19.06	19.10
100	5500	19.02	18.94
116	5580	19.18	18.98
140	5700	18.94	18.94
144	5720	18.94	18.94
149	5745	18.98	19.02
157	5785	19.02	18.86
165	5825	18.94	19.02

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	37.72	37.64
46	5230	37.64	37.64
54	5270	37.64	37.72
62	5310	37.72	37.64
102	5510	37.64	37.64
110	5550	37.64	37.64
134	5670	37.64	37.64
142	5710	37.64	37.64
151	5755	37.64	37.72
159	5795	37.56	37.64

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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

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Test report No. : 4789558396-US-R1-V0
Page : 71 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	77.52	77.20
58	5290	77.20	77.20
106	5530	77.36	77.04
122	5610	77.20	77.20
138	5690	77.52	77.20
155	5775	77.20	77.52

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OFDMA

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	19.14	19.06
44	5220	19.14	19.14
48	5240	19.18	19.30
52	5260	19.10	19.14
60	5300	19.18	19.10
64	5320	19.26	19.22
100	5500	19.30	19.18
116	5580	19.18	19.06
140	5700	19.22	19.22
144	5720	19.14	19.14
149	5745	19.22	19.26
157	5785	19.18	19.06
165	5825	19.26	19.10

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	37.64	37.64
46	5230	37.64	37.64
54	5270	37.64	37.64
62	5310	37.72	37.64
102	5510	37.72	37.64
110	5550	37.72	37.64
134	5670	37.64	37.64
142	5710	37.64	37.72
151	5755	37.64	37.64
159	5795	37.64	37.64

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802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	77.52	77.36
58	5290	77.20	77.20
106	5530	77.20	77.36
122	5610	77.20	77.36
138	5690	77.36	77.20
155	5775	77.20	77.52

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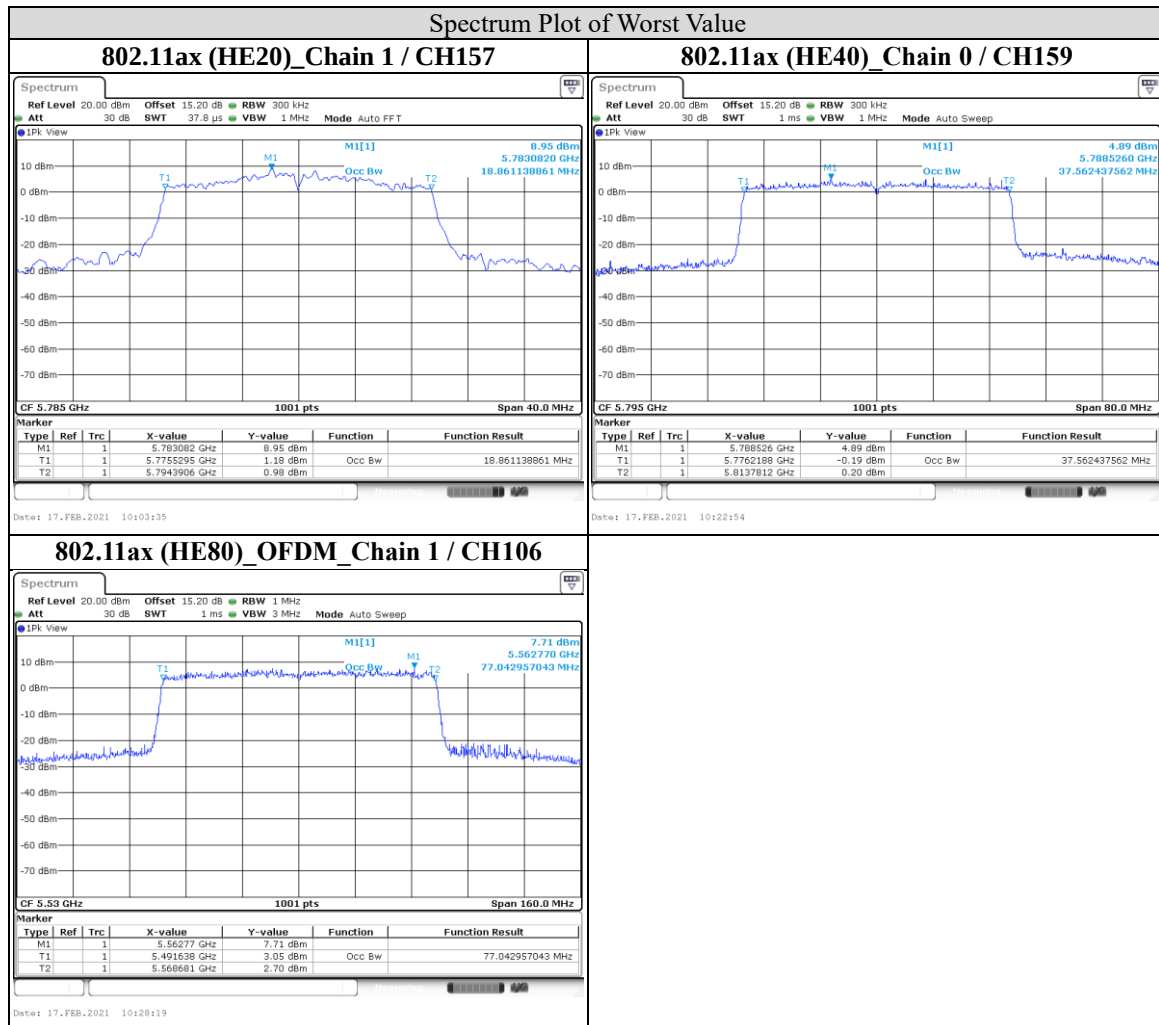
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Test report No. : 4789558396-US-R1-V0
Page : 74 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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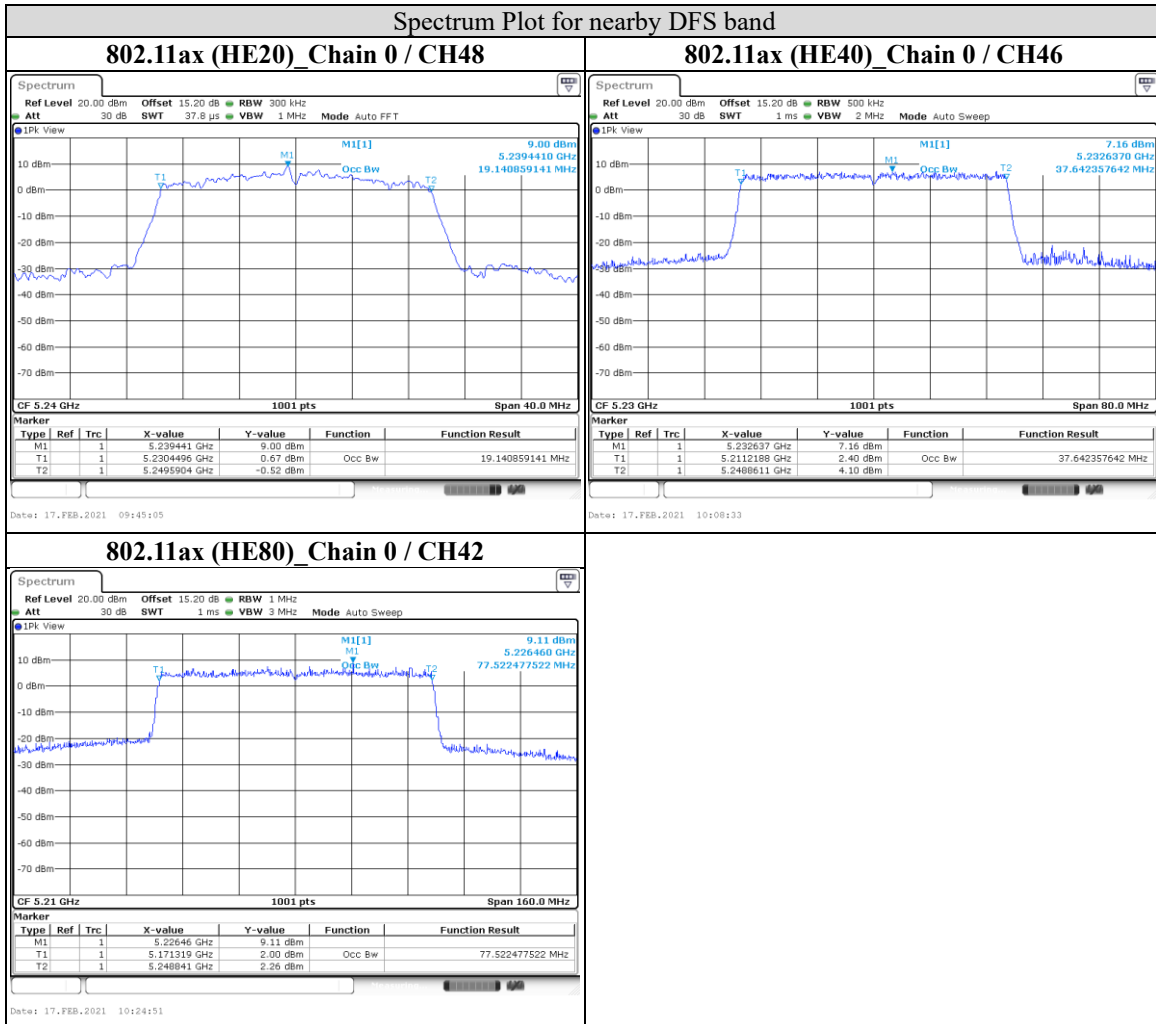
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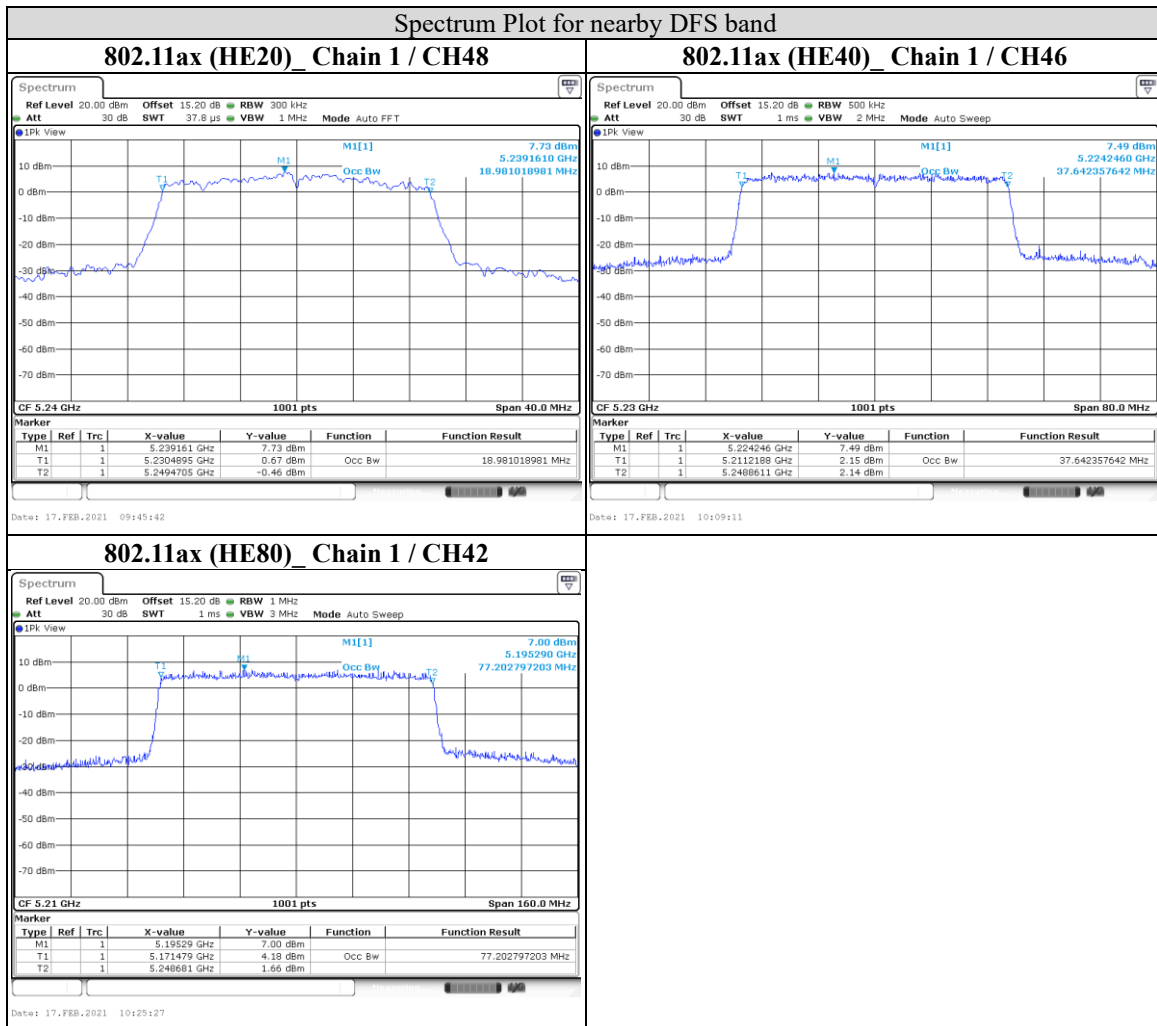
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Note: The observed T2 is all <5250 MHz, so in nearby DFS band channels no need for DFS function



Test report No. : 4789558396-US-R1-V0
Page : 76 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT



Note: The observed T2 is all <5250 MHz, so in nearby DFS band channels no need for DFS function

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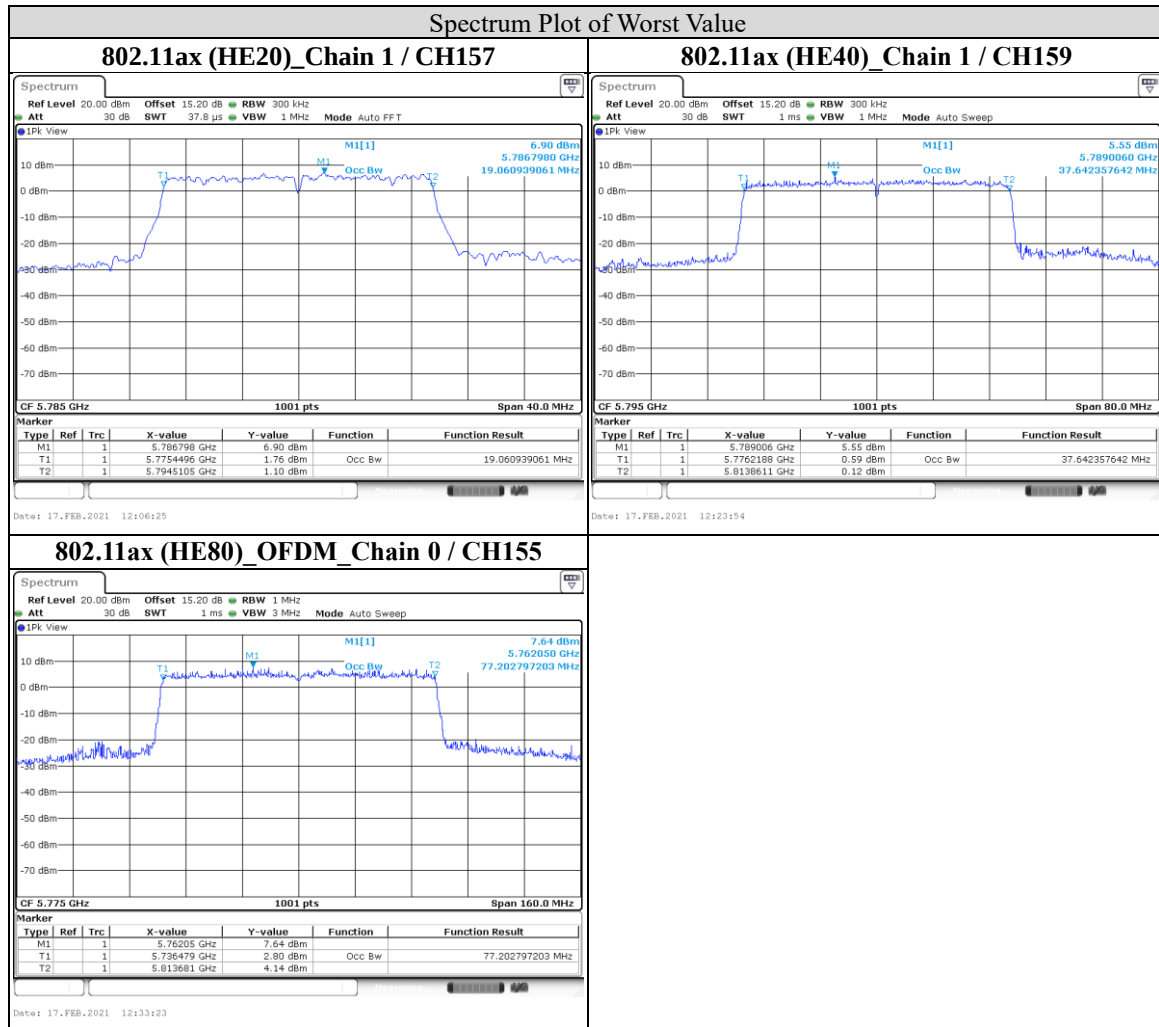
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Test report No. : 4789558396-US-R1-V0
Page : 77 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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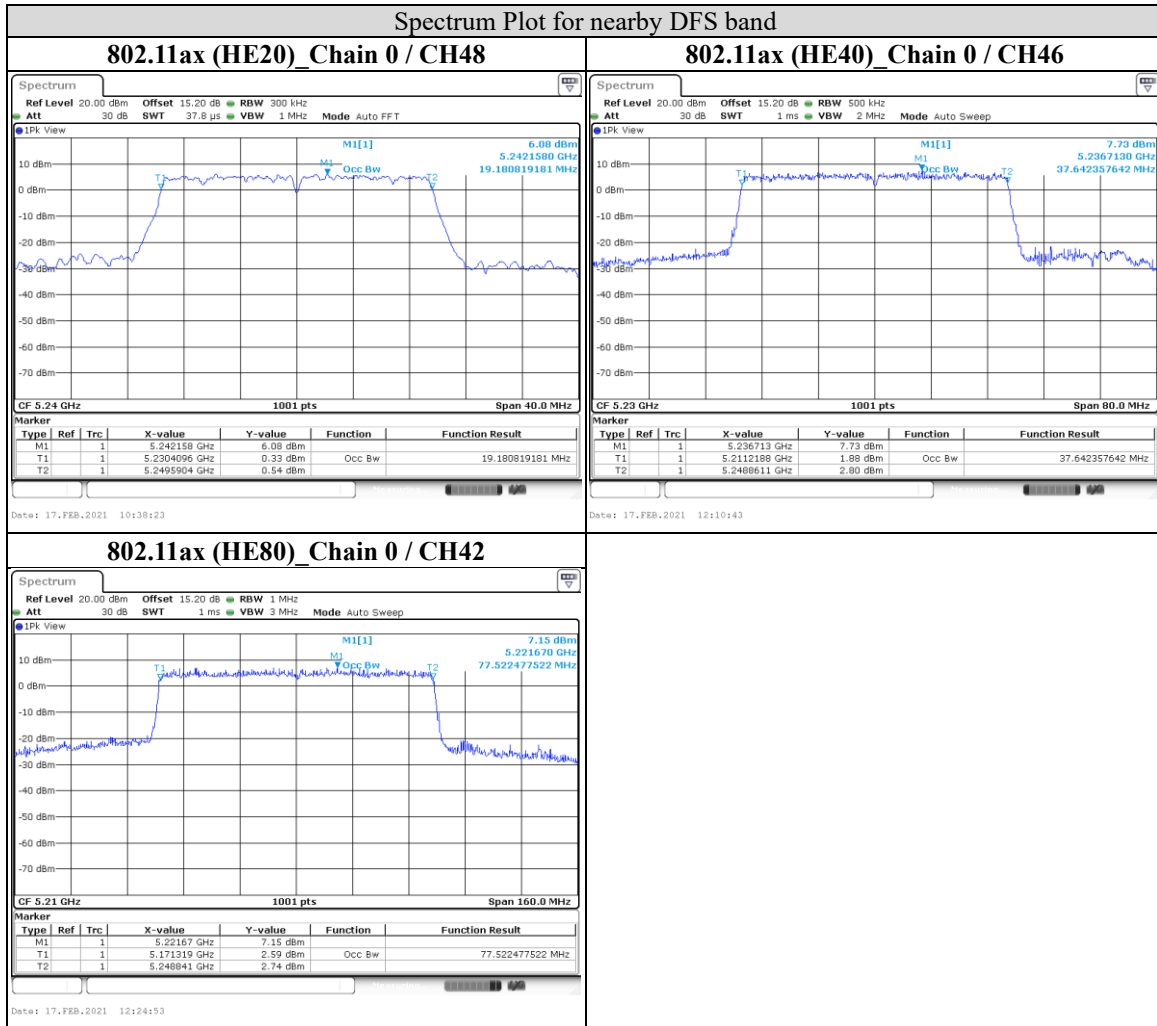
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Test report No. : 4789558396-US-R1-V0
Page : 78 of 393
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Note: The observed T2 is all <5250 MHz, so in nearby DFS band channels no need for DFS function

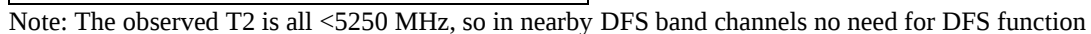
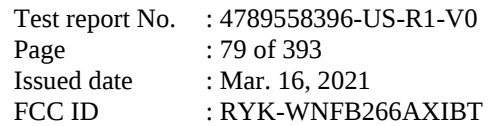
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9.4. Conducted Output Power

Requirements

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) Max. e.i.r.p $\leq$ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
		Fixed point-to-point Access Point	1 Watt (30 dBm) If $G_{TX} > 23$ dBi, then $P_{Out} = 30 - (G_{TX} - 23)$
		Indoor Access Point	1 Watt (30 dBm) If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$
	√	Client device	250mW (23.98 dBm) If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$
U-NII-2A	√		250mW (23.98 dBm) or 11 dBm+10 log B* If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$
U-NII-2C	√		250mW (23.98 dBm) or 11 dBm+10 log B* If $G_{TX} > 6$ dBi, then $P_{Out} = 24 - (G_{TX} - 6)$
U-NII-3	√		For Point-to-multipoint systems (P2M): 1 Watt (30 dBm). If $G_{TX} > 6$ dBi, then $P_{Out} = 30 - (G_{TX} - 6)$ For Point-to-point systems (P2P): 1 Watt (30 dBm)

Note:

- P_{Out} = maximum conducted output power in dBm,
- G_{TX} = the maximum transmitting antenna directional gain in dBi.
- Directional Gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / N_{ant}]$ dBi.

N_{ant} : Number of Transmit Antennas

$G1, G2, \dots, Gn$: Gain of Individual Antennas

- B is the 26 dB emission bandwidth in megahertz

Per KDB 662911 Method of conducted output power measurement on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;

Array Gain = 0 dB (i.e., no array gain) for channel widths ≥ 40 MHz for any N_{ANT} ;

Array Gain = $5 \log(N_{ANT}/N_{SS})$ dB or 3 dB, whichever is less for 20-MHz channel widths with $N_{ANT} \geq 5$.

For power measurements on all other devices: Array Gain = $10 \log(N_{ANT}/N_{SS})$ dB.

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Test Procedure

For Average Power Measurement

Test method PM-G

For 802.11a, 802.11ax (HE20), 802.11ax (HE40)

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst and set the detector to AVERAGE. Duty factor is not added to measured value.

Test method SA-1

For 802.11ax (HE80), Channel Straddling (802.11a, 802.11ax (HE20/ HE40/ HE80))

- a. Set span to encompass the entire 26 dB EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.
- b. Set sweep trigger*.
- c. Set RBW = 1 MHz.
- d. Set VBW ≥ 3 MHz
- e. Number of points in sweep ≥ 2 Span / RBW.
- f. Sweep time $\leq$ (number of points in sweep) * T
- g. Using emission bandwidth to determine the frequency span for integration the channel bandwidth.
- h. Detector = RMS.
- i. Trace mode = max hold.
- j. Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

* If transmit duty cycle $< 98\%$, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty cycle $\geq 98\%$, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to “free run.”

Note:

The straddling channel of (U-NII-2c Band) Power is Power meter value * $(5725 - (5720 - (26 \text{ dBc BW}/2))) / 26 \text{ dBc BW}$

The straddling channel of (U-NII-3 Band) Power is Power meter value * $(5720 + (26 \text{ dBc BW}/2) - 5725) / 26 \text{ dBc BW}$

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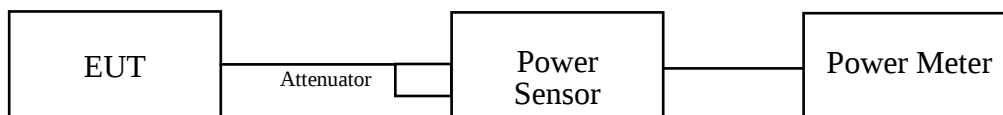
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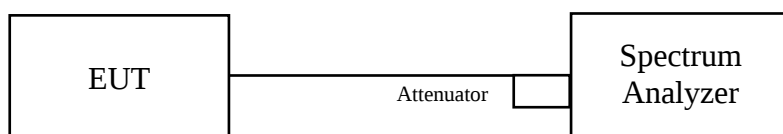


Test Setup

For Average Power Measurement



The loss between RF output port of the EUT and the input port of the Power Meter has been taken into consideration.



The loss between RF output port of the EUT and the input port of the Spectrum Analyzer has been taken into consideration.

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Test Data

Non-Beamforming mode

802.11a

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
36	5180	13.35	15.00	53.211	17.26	23.98	PASS
44	5220	14.88	16.01	70.632	18.49	23.98	PASS
48	5240	14.56	16.21	70.307	18.47	23.98	PASS
52	5260	14.82	15.86	68.865	18.38	23.98	PASS
60	5300	14.94	15.25	64.714	18.11	23.98	PASS
64	5320	14.46	15.52	63.533	18.03	23.98	PASS
100	5500	14.31	15.08	59.156	17.72	23.98	PASS
116	5580	14.99	15.75	69.183	18.40	23.98	PASS
140	5700	13.90	14.57	53.211	17.26	23.98	PASS
144 (U-NII-2c Band)	5720	13.71	14.11	49.204	16.92	23	PASS
144 (U-NII-3 Band)	5720	9.27	9.65	17.66	12.47	30	PASS
149	5745	14.92	15.91	69.984	18.45	30	PASS
157	5785	15.02	15.55	67.608	18.30	30	PASS
165	5825	14.69	15.68	66.374	18.22	30	PASS

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	15.04	15.44	66.834	18.25

Note: The total power was calculated through formula and record the value for reference only.

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OFDM

802.11ax (HE20)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
36	5180	13.65	15.00	54.828	17.39	23.98	PASS
44	5220	13.95	15.08	57.016	17.56	23.98	PASS
48	5240	13.88	15.51	59.979	17.78	23.98	PASS
52	5260	13.82	15.02	55.847	17.47	23.98	PASS
60	5300	14.67	15.18	62.23	17.94	23.98	PASS
64	5320	13.92	14.92	55.719	17.46	23.98	PASS
100	5500	14.01	14.63	54.2	17.34	23.98	PASS
116	5580	14.14	14.51	54.2	17.34	23.98	PASS
140	5700	14.20	14.42	53.951	17.32	23.98	PASS
144 (U-NII-2c Band)	5720	12.94	13.38	41.495	16.18	22.96	PASS
144 (U-NII-3 Band)	5720	8.52	8.81	14.723	11.68	30	PASS
149	5745	13.89	14.97	55.847	17.47	30	PASS
157	5785	14.02	14.85	55.847	17.47	30	PASS
165	5825	13.87	14.95	55.59	17.45	30	PASS

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	14.28	14.68	56.105	17.49

Note: The total power was calculated through formula and record the value for reference only.

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802.11ax (HE40)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
38	5190	8.78	9.67	16.827	12.26	23.98	PASS
46	5230	13.75	15.14	56.364	17.51	23.98	PASS
54	5270	13.71	15.01	55.208	17.42	23.98	PASS
62	5310	10.68	11.36	25.351	14.04	23.98	PASS
102	5510	10.56	11.71	26.182	14.18	23.98	PASS
110	5550	13.82	14.99	55.59	17.45	23.98	PASS
134	5670	14.62	15.23	62.373	17.95	23.98	PASS
142 (U-NII-2c Band)	5710	13.90	14.72	54.2	17.34	23.98	PASS
142 (U-NII-3 Band)	5710	5.75	6.30	8.017	9.04	30	PASS
151	5755	13.56	15.23	56.105	17.49	30	PASS
159	5795	13.67	14.86	53.951	17.32	30	PASS

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	14.52	15.30	62.23	17.94

Note: The total power was calculated through formula and record the value for reference only.

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802.11ax (HE80)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
42	5210	10.08	10.99	22.751	13.57	23.98	PASS
58	5290	11.92	12.90	35.075	15.45	23.98	PASS
106	5530	11.25	11.69	28.119	14.49	23.98	PASS
122	5610	14.28	14.75	56.624	17.53	23.98	PASS
138 (U-NII-2c Band)	5690	14.43	14.87	58.479	17.67	23.98	PASS
138 (U-NII-3 Band)	5690	2.84	3.92	4.385	6.42	30	PASS
155	5775	13.62	15.23	56.364	17.51	30	PASS

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
138	5690	14.72	15.21	62.806	17.98

Note: The total power was calculated through formula and record the value for reference only.

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OFDMA

802.11ax (HE20)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
36	5180	13.28	15.17	54.2	17.34	23.98	PASS
44	5220	14.13	15.68	62.806	17.98	23.98	PASS
48	5240	13.58	15.27	56.494	17.52	23.98	PASS
52	5260	14.25	14.75	56.494	17.52	23.98	PASS
60	5300	14.49	14.51	56.364	17.51	23.98	PASS
64	5320	14.29	14.73	56.624	17.53	23.98	PASS
100	5500	14.31	14.17	53.088	17.25	23.98	PASS
116	5580	14.78	14.25	56.624	17.53	23.98	PASS
140	5700	14.89	14.23	57.28	17.58	23.98	PASS
144 (U-NII-2c Band)	5720	13.84	13.38	45.92	16.62	22.99	PASS
144 (U-NII-3 Band)	5720	9.47	8.97	16.749	12.24	30	PASS
149	5745	15.20	14.59	61.944	17.92	30	PASS
157	5785	15.15	14.63	61.802	17.91	30	PASS
165	5825	14.94	14.50	59.429	17.74	30	PASS

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	15.19	14.72	62.661	17.97

Note: The total power was calculated through formula and record the value for reference only.

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802.11ax (HE40)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
38	5190	10.04	10.63	21.677	13.36	23.98	PASS
46	5230	14.05	15.08	57.677	17.61	23.98	PASS
54	5270	14.01	14.68	54.576	17.37	23.98	PASS
62	5310	10.63	11.08	24.378	13.87	23.98	PASS
102	5510	10.32	11.48	24.831	13.95	23.98	PASS
110	5550	13.95	14.73	54.576	17.37	23.98	PASS
134	5670	13.83	14.84	54.576	17.37	23.98	PASS
142 (U-NII-2c Band)	5710	14.24	14.54	55.081	17.41	23.98	PASS
142 (U-NII-3 Band)	5710	5.91	6.06	7.943	9.00	30	PASS
151	5755	13.87	14.90	55.335	17.43	30	PASS
159	5795	13.67	14.98	54.702	17.38	30	PASS

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	14.84	15.12	62.951	17.99

Note: The total power was calculated through formula and record the value for reference only.

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802.11ax (HE80)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
42	5210	10.53	11.83	26.546	14.24	23.98	PASS
58	5290	11.36	12.23	30.409	14.83	23.98	PASS
106	5530	11.24	10.91	25.645	14.09	23.98	PASS
122	5610	14.26	14.56	55.208	17.42	23.98	PASS
138 (U-NII-2c Band)	5690	13.96	14.21	51.286	17.10	23.98	PASS
138 (U-NII-3 Band)	5690	2.66	3.14	3.908	5.92	30	PASS
155	5775	13.67	14.93	54.45	17.36	30	PASS

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
138	5690	14.27	14.54	55.208	17.42

Note: The total power was calculated through formula and record the value for reference only.

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Facsimile (FAX) : +886-3-583-7948

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Beamforming mode

OFDM

802.11ax (HE20)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
36	5180	13.64	14.92	54.2	17.34	23.73	PASS
44	5220	13.76	14.98	55.208	17.42	23.73	PASS
48	5240	13.84	15.36	58.614	17.68	23.73	PASS
52	5260	13.78	14.89	54.702	17.38	23.73	PASS
60	5300	14.61	15.15	61.66	17.90	23.73	PASS
64	5320	13.85	14.87	54.954	17.40	23.73	PASS
100	5500	13.86	14.55	52.845	17.23	23.73	PASS
116	5580	14.02	14.43	52.966	17.24	23.73	PASS
140	5700	14.00	14.33	52.24	17.18	23.73	PASS
144 (U-NII-2c Band)	5720	12.63	13.07	38.548	15.86	22.67	PASS
144 (U-NII-3 Band)	5720	8.11	8.46	13.49	11.30	29.75	PASS
149	5745	13.76	14.76	53.703	17.30	29.75	PASS
157	5785	13.79	14.76	53.827	17.31	29.75	PASS
165	5825	13.83	14.71	53.703	17.30	29.75	PASS

Note: The directional gain = 6.25 dBi > 6 dBi, so the power limit shall be reduced.

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	13.94	14.36	52.119	17.17

Note: The total power was calculated through formula and record the value for reference only.

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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

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802.11ax (HE40)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
38	5190	8.77	9.67	16.788	12.25	23.73	PASS
46	5230	13.52	14.95	53.703	17.30	23.73	PASS
54	5270	13.59	15.00	54.45	17.36	23.73	PASS
62	5310	10.55	11.34	24.946	13.97	23.73	PASS
102	5510	10.36	11.68	25.586	14.08	23.73	PASS
110	5550	13.77	14.93	54.954	17.40	23.73	PASS
134	5670	14.42	15.01	59.429	17.74	23.73	PASS
142 (U-NII-2c Band)	5710	13.63	14.70	52.602	17.21	23.73	PASS
142 (U-NII-3 Band)	5710	6.61	6.22	8.77	9.43	29.75	PASS
151	5755	13.38	15.06	53.827	17.31	29.75	PASS
159	5795	13.67	14.81	53.58	17.29	29.75	PASS

Note: The directional gain = 6.25 dBi > 6 dBi, so the power limit shall be reduced.

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	14.42	15.28	61.376	17.88

Note: The total power was calculated through formula and record the value for reference only.

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802.11ax (HE80)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
42	5210	10.00	10.83	22.131	13.45	23.73	PASS
58	5290	11.86	12.74	34.119	15.33	23.73	PASS
106	5530	11.04	11.56	27.04	14.32	23.73	PASS
122	5610	14.11	14.59	54.576	17.37	23.73	PASS
138 (U-NII-2c Band)	5690	14.66	13.92	53.951	17.32	23.73	PASS
138 (U-NII-3 Band)	5690	3.44	2.84	4.13	6.16	29.75	PASS
155	5775	13.42	15.14	54.576	17.37	29.75	PASS

Note: The directional gain = 6.25 dBi > 6 dBi, so the power limit shall be reduced.

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
138	5690	14.98	14.25	58.076	17.64

Note: The total power was calculated through formula and record the value for reference only.

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OFDMA

802.11ax (HE20)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
36	5180	13.14	15.11	53.088	17.25	23.73	PASS
44	5220	14.08	15.48	60.954	17.85	23.73	PASS
48	5240	13.56	15.21	55.847	17.47	23.73	PASS
52	5260	14.23	14.60	55.335	17.43	23.73	PASS
60	5300	14.35	14.37	54.576	17.37	23.73	PASS
64	5320	14.06	14.52	53.827	17.31	23.73	PASS
100	5500	14.20	14.16	52.36	17.19	23.73	PASS
116	5580	14.74	14.19	55.976	17.48	23.73	PASS
140	5700	14.85	14.17	56.624	17.53	23.73	PASS
144 (U-NII-2c Band)	5720	12.91	12.91	39.084	15.92	22.75	PASS
144 (U-NII-3 Band)	5720	9.25	8.49	15.488	11.90	29.75	PASS
149	5745	14.99	14.53	59.979	17.78	29.75	PASS
157	5785	15.10	14.58	61.094	17.86	29.75	PASS
165	5825	14.86	14.50	58.749	17.69	29.75	PASS

Note: The directional gain = 6.25 dBi > 6 dBi, so the power limit shall be reduced.

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
144	5720	14.98	14.25	58.076	17.64

Note: The total power was calculated through formula and record the value for reference only.

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802.11ax (HE40)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
38	5190	9.89	10.62	21.281	13.28	23.73	PASS
46	5230	13.88	15.08	56.624	17.53	23.73	PASS
54	5270	13.91	14.65	53.827	17.31	23.73	PASS
62	5310	10.63	10.99	24.099	13.82	23.73	PASS
102	5510	10.27	11.23	23.933	13.79	23.73	PASS
110	5550	13.93	14.66	53.951	17.32	23.73	PASS
134	5670	13.63	14.77	53.088	17.25	23.73	PASS
142 (U-NII-2c Band)	5710	14.15	14.37	53.333	17.27	23.73	PASS
142 (U-NII-3 Band)	5710	6.24	6.23	8.395	9.24	29.75	PASS
151	5755	13.64	14.79	53.211	17.26	29.75	PASS
159	5795	13.52	14.84	52.966	17.24	29.75	PASS

Note: The directional gain = 6.25 dBi > 6 dBi, so the power limit shall be reduced.

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
142	5710	14.80	14.99	61.802	17.91

Note: The total power was calculated through formula and record the value for reference only.

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802.11ax (HE80)

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)	Power Limit (dBm)	Pass/Fail
		Chain 0	Chain 1				
42	5210	10.31	11.60	25.177	14.01	23.73	PASS
58	5290	11.29	12.06	29.512	14.70	23.73	PASS
106	5530	11.15	10.91	25.351	14.04	23.73	PASS
122	5610	14.16	14.45	53.951	17.32	23.73	PASS
138 (U-NII-2c Band)	5690	13.89	14.15	50.466	17.03	23.73	PASS
138 (U-NII-3 Band)	5690	2.59	2.84	3.733	5.72	29.75	PASS
155	5775	13.60	14.82	53.211	17.26	29.75	PASS

Note: The directional gain = 6.25 dBi > 6 dBi, so the power limit shall be reduced.

For Reference only – Straddle Channels Total Power

Channel	Frequency (MHz)	Maximum Conducted Power (dBm)		Total Power (mW)	Total Power (dBm)
		Chain 0	Chain 1		
138	5690	14.20	14.46	54.2	17.34

Note: The total power was calculated through formula and record the value for reference only.

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9.5. Power Spectral Density

Requirements

Operation Band	EUT Category		Limit
U-NII-1		Outdoor Access Point	17dBm/ MHz If $G_{TX} > 6$ dBi, then $PSD = 17 - (G_{TX} - 6)$
		Fixed point-to-point Access Point	17dBm/ MHz If $G_{TX} > 23$ dBi, then $PSD = 17 - (G_{TX} - 23)$
		Indoor Access Point	17dBm/ MHz If $G_{TX} > 6$ dBi, then $PSD = 17 - (G_{TX} - 6)$
	√	Client device	11dBm/ MHz If $G_{TX} > 6$ dBi, then $PSD = 11 - (G_{TX} - 6)$
U-NII-2A	√		11dBm/ MHz If $G_{TX} > 6$ dBi, then $PSD = 11 - (G_{TX} - 6)$
U-NII-2C	√		11dBm/ MHz If $G_{TX} > 6$ dBi, then $PSD = 11 - (G_{TX} - 6)$
U-NII-3	√		For Point-to-multipoint systems (P2M): 30dBm/ 500kHz. If $G_{TX} > 6$ dBi, then $PSD = 30 - (G_{TX} - 6)$ For Point-to-point systems (P2P): 30dBm/ 500kHz

Note:

- PSD = power spectral density that the same method as used to determine the conducted output power shall be used to determine the power spectral density. And power spectral density in dBm/MHz
- G_{TX} = the maximum transmitting antenna directional gain in dBi.
- Directional Gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / Nant]$ dBi.

Nant: Number of Transmit Antennas

G1, G2,..., Gn: Gain of Individual Antennas

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Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test procedure

For U-NII-1, U-NII-2A, U-NII-2C band:

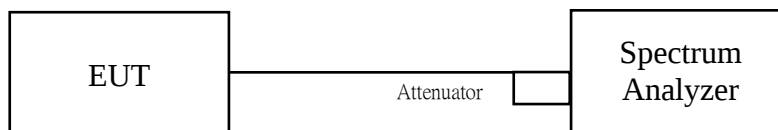
Using method SA-2

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz, Set VBW $\geq$ 3 RBW, Detector = RMS
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Record the max value and add 10 log (1/duty cycle) *If duty cycle < 98%

For U-NII-3 band:

- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300 kHz, Set VBW $\geq$ 1 MHz, Detector = RMS
- Use the peak marker function to determine the maximum power level in any 300 kHz band segment within the fundamental EBW.
- 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 $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$
- Sweep time = auto, trigger set to “free run”.
- Trace average at least 100 traces in power averaging mode.
- Record the max value and add 10 log (1/duty cycle) *If duty cycle < 98%

Test Setup



The loss between RF output port of the EUT and the input port of the Spectrum Analyzer has been taken into consideration.

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Doc No: 17-EM-F0878 / 5.0



Test Data

For U-NII-1, U-NII-2A, U-NII-2C band

Non-Beamforming mode

802.11a

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
36	5180	4.90	5.08	8.41	10.75	PASS
44	5220	5.81	5.91	9.28	10.75	PASS
48	5240	6.03	6.31	9.59	10.75	PASS
52	5260	5.85	5.57	9.13	10.75	PASS
60	5300	5.77	6.41	9.52	10.75	PASS
64	5320	6.17	6.21	9.61	10.75	PASS
100	5500	5.50	4.95	8.65	10.75	PASS
116	5580	6.86	6.34	10.03	10.75	PASS
140	5700	5.47	5.26	8.79	10.75	PASS
144 (U-NII-2c Band)	5720	5.92	5.89	9.33	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



OFDM

802.11ax (HE20)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
36	5180	4.12	4.76	8.12	10.75	PASS
44	5220	4.57	5.05	8.49	10.75	PASS
48	5240	4.71	5.31	8.69	10.75	PASS
52	5260	4.29	4.71	8.18	10.75	PASS
60	5300	5.90	5.99	9.62	10.75	PASS
64	5320	5.21	5.16	8.86	10.75	PASS
100	5500	5.29	5.28	8.96	10.75	PASS
116	5580	5.42	5.29	9.03	10.75	PASS
140	5700	5.06	4.80	8.6	10.75	PASS
144 (U-NII-2c Band)	5720	4.74	4.78	8.43	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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802.11ax (HE40)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
38	5190	-5.52	-4.93	-0.92	10.75	PASS
46	5230	-0.79	-0.63	3.58	10.75	PASS
54	5270	-0.27	0.22	4.27	10.75	PASS
62	5310	-2.84	-2.57	1.59	10.75	PASS
102	5510	-2.70	-2.88	1.5	10.75	PASS
110	5550	0.32	0.46	4.68	10.75	PASS
134	5670	1.06	1.30	5.47	10.75	PASS
142 (U-NII-2c Band)	5710	1.55	1.30	5.72	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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802.11ax (HE80)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
42	5210	-7.70	-7.94	-2.5	10.75	PASS
58	5290	-4.93	-4.54	0.59	10.75	PASS
106	5530	-5.85	-6.36	-0.78	10.75	PASS
122	5610	-2.77	-3.12	2.38	10.75	PASS
138 (U-NII-2c Band)	5690	-2.10	-2.34	3.1	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



OFDMA
802.11ax (HE20)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
36	5180	2.41	2.97	6.71	10.75	PASS
44	5220	3.02	3.07	7.06	10.75	PASS
48	5240	2.47	3.26	6.89	10.75	PASS
52	5260	2.86	3.04	6.96	10.75	PASS
60	5300	2.56	3.41	7.02	10.75	PASS
64	5320	3.15	3.51	7.34	10.75	PASS
100	5500	3.54	3.41	7.49	10.75	PASS
116	5580	3.37	2.99	7.19	10.75	PASS
140	5700	4.34	4.16	8.26	10.75	PASS
144 (U-NII-2c Band)	5720	4.61	4.29	8.46	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 (HE40)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
38	5190	-5.46	-4.85	-0.28	10.75	PASS
46	5230	-1.29	-0.99	3.72	10.75	PASS
54	5270	-1.14	-0.94	3.82	10.75	PASS
62	5310	-4.32	-3.93	0.74	10.75	PASS
102	5510	-3.31	-3.65	1.38	10.75	PASS
110	5550	-0.66	-0.55	4.26	10.75	PASS
134	5670	-0.79	-0.91	4.01	10.75	PASS
142 (U-NII-2c Band)	5710	1.20	0.59	5.77	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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802.11ax (HE80)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
42	5210	-8.24	-8.14	-1.92	10.75	PASS
58	5290	-7.39	-6.75	-0.79	10.75	PASS
106	5530	-7.02	-7.42	-0.95	10.75	PASS
122	5610	-3.91	-4.05	2.29	10.75	PASS
138 (U-NII-2c Band)	5690	-4.23	-4.75	1.79	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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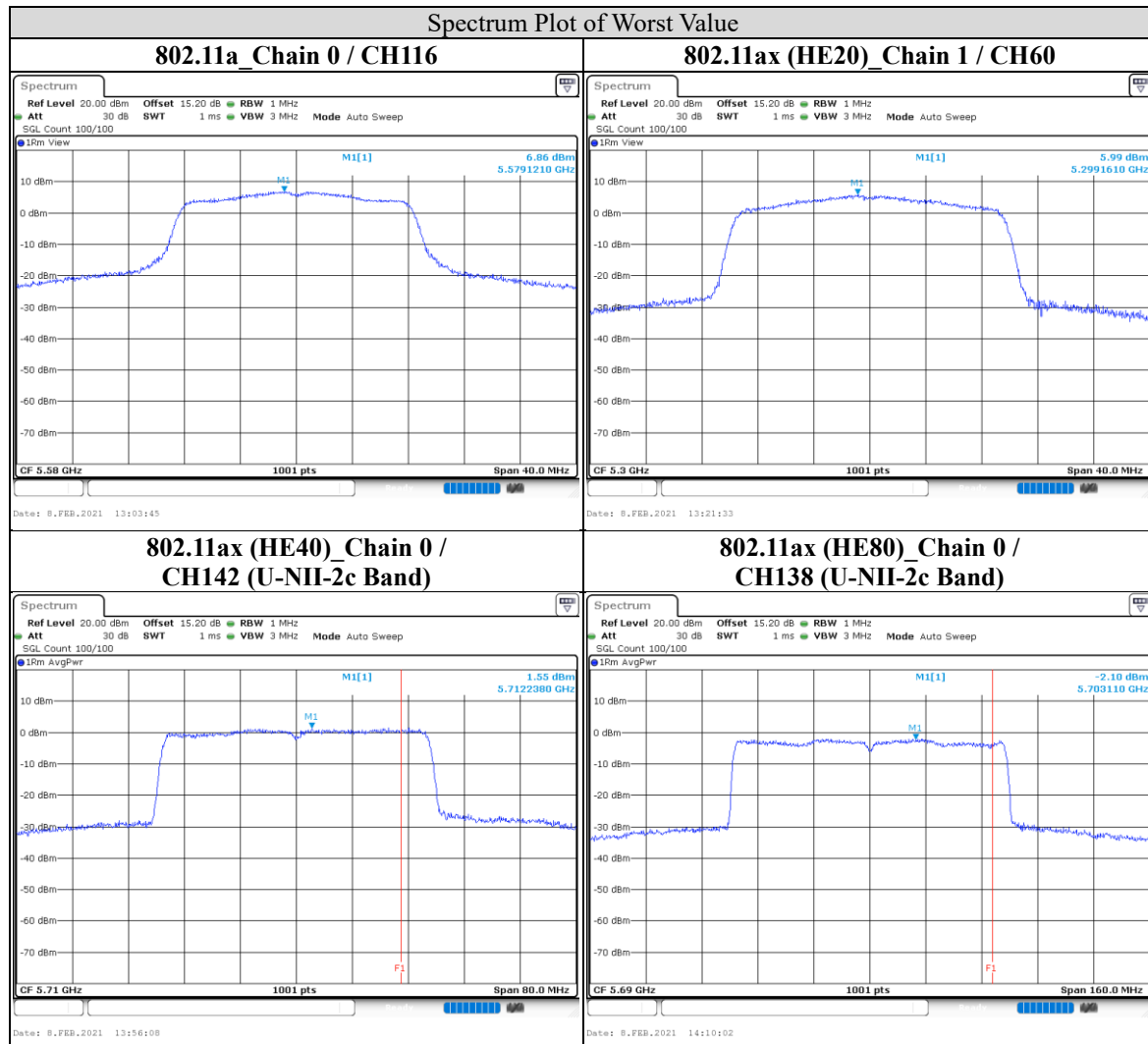
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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 105 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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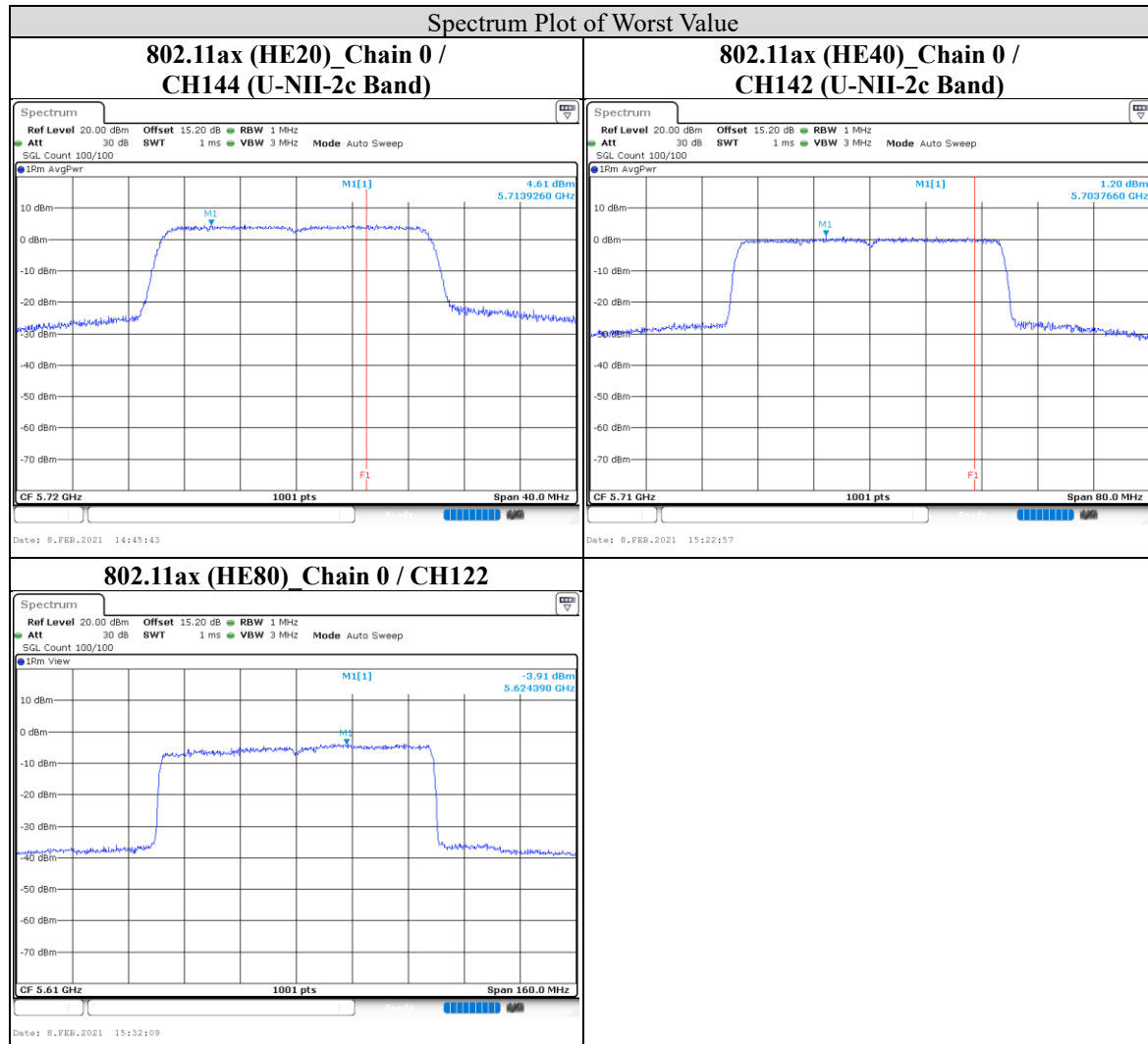
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Test report No. : 4789558396-US-R1-V0
Page : 106 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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Beamforming mode

OFDM

802.11ax (HE20)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
36	5180	4.27	4.40	7.95	10.75	PASS
44	5220	4.19	4.73	8.08	10.75	PASS
48	5240	4.73	4.56	8.26	10.75	PASS
52	5260	4.31	4.56	8.05	10.75	PASS
60	5300	5.19	5.74	9.08	10.75	PASS
64	5320	4.50	4.96	8.35	10.75	PASS
100	5500	5.09	4.77	8.54	10.75	PASS
116	5580	4.88	5.28	8.69	10.75	PASS
140	5700	4.93	5.31	8.73	10.75	PASS
144 (U-NII-2c Band)	5720	4.91	5.07	8.6	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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802.11ax (HE40)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
38	5190	-5.38	-5.46	-1.13	10.75	PASS
46	5230	-1.25	-1.04	3.15	10.75	PASS
54	5270	-0.29	-0.32	3.99	10.75	PASS
62	5310	-3.58	-3.28	0.86	10.75	PASS
102	5510	-3.01	-3.31	1.13	10.75	PASS
110	5550	0.31	0.20	4.55	10.75	PASS
134	5670	1.54	1.45	5.79	10.75	PASS
142 (U-NII-2c Band)	5710	1.23	1.07	5.44	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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802.11ax (HE80)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
42	5210	-7.90	-7.73	-2.36	10.75	PASS
58	5290	-5.24	-4.78	0.45	10.75	PASS
106	5530	-6.77	-6.19	-1.02	10.75	PASS
122	5610	-3.37	-2.68	2.44	10.75	PASS
138 (U-NII-2c Band)	5690	-2.44	-1.96	3.26	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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OFDMA
802.11ax (HE20)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
36	5180	2.65	2.63	6.68	10.75	PASS
44	5220	2.86	2.75	6.85	10.75	PASS
48	5240	1.48	1.76	5.66	10.75	PASS
52	5260	2.98	2.91	6.99	10.75	PASS
60	5300	2.88	2.67	6.82	10.75	PASS
64	5320	2.87	3.03	6.99	10.75	PASS
100	5500	3.07	2.98	7.07	10.75	PASS
116	5580	3.81	3.00	7.46	10.75	PASS
140	5700	4.84	3.92	8.44	10.75	PASS
144 (U-NII-2c Band)	5720	4.59	3.62	8.17	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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802.11ax (HE40)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
38	5190	-5.26	-5.72	-0.59	10.75	PASS
46	5230	-0.98	-1.07	3.87	10.75	PASS
54	5270	-1.31	-1.02	3.73	10.75	PASS
62	5310	-4.48	-4.12	0.59	10.75	PASS
102	5510	-4.20	-3.62	0.99	10.75	PASS
110	5550	-0.79	-0.47	4.26	10.75	PASS
134	5670	-0.84	-0.72	4.11	10.75	PASS
142 (U-NII-2c Band)	5710	0.22	0.16	5.08	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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802.11ax (HE80)

Channel	Frequency (MHz)	PSD w/o duty factor (dBm/MHz)		Total PSD with duty factor (dBm/MHz)	PSD Maximum Limit (dBm/MHz)	Pass/Fail
		Chain 0	Chain 1			
42	5210	-8.19	-8.23	-1.92	10.75	PASS
58	5290	-7.76	-7.09	-1.12	10.75	PASS
106	5530	-8.19	-7.67	-1.63	10.75	PASS
122	5610	-4.80	-4.17	1.82	10.75	PASS
138 (U-NII-2c Band)	5690	-4.85	-4.38	1.68	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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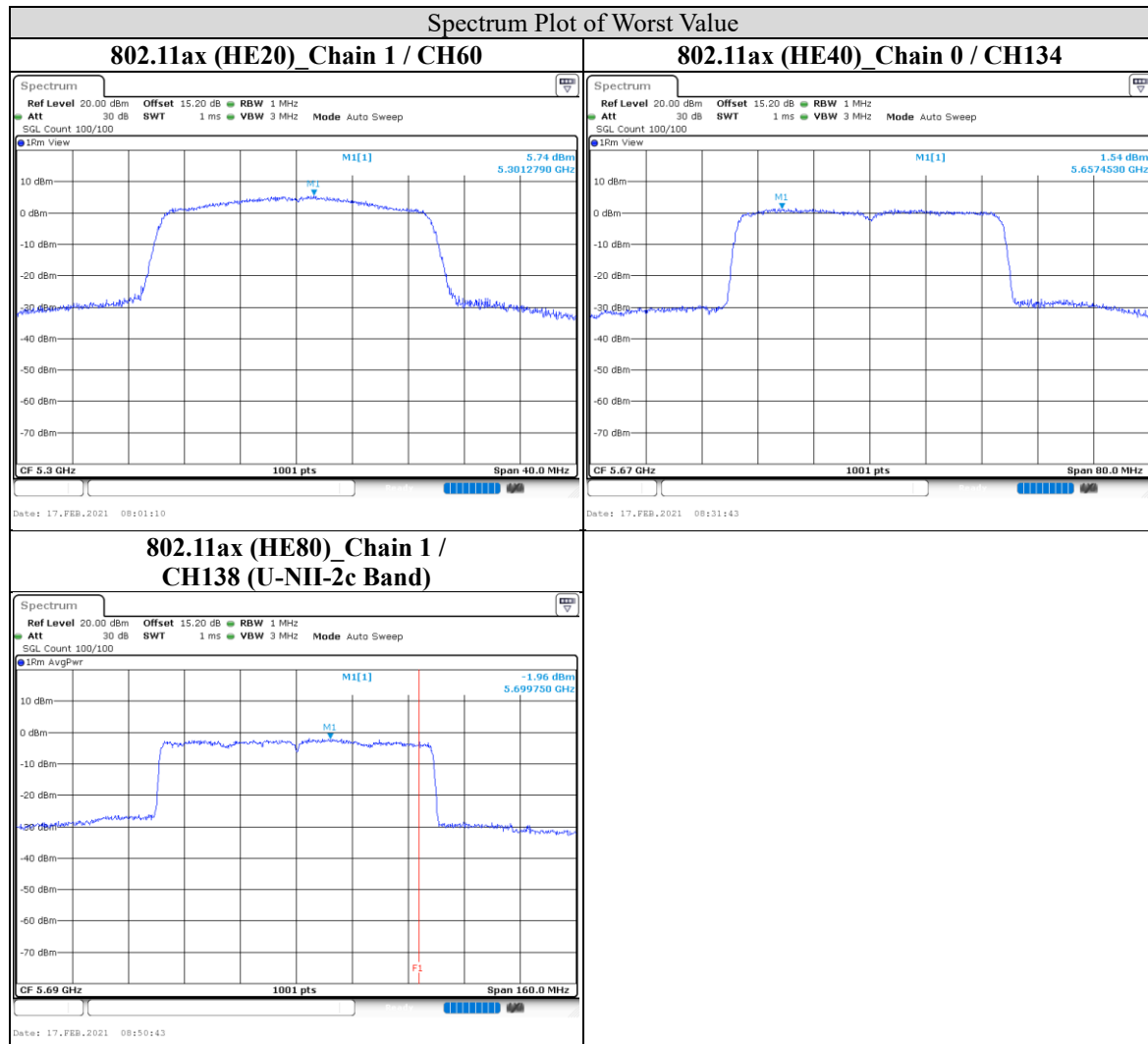
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Test report No. : 4789558396-US-R1-V0
Page : 113 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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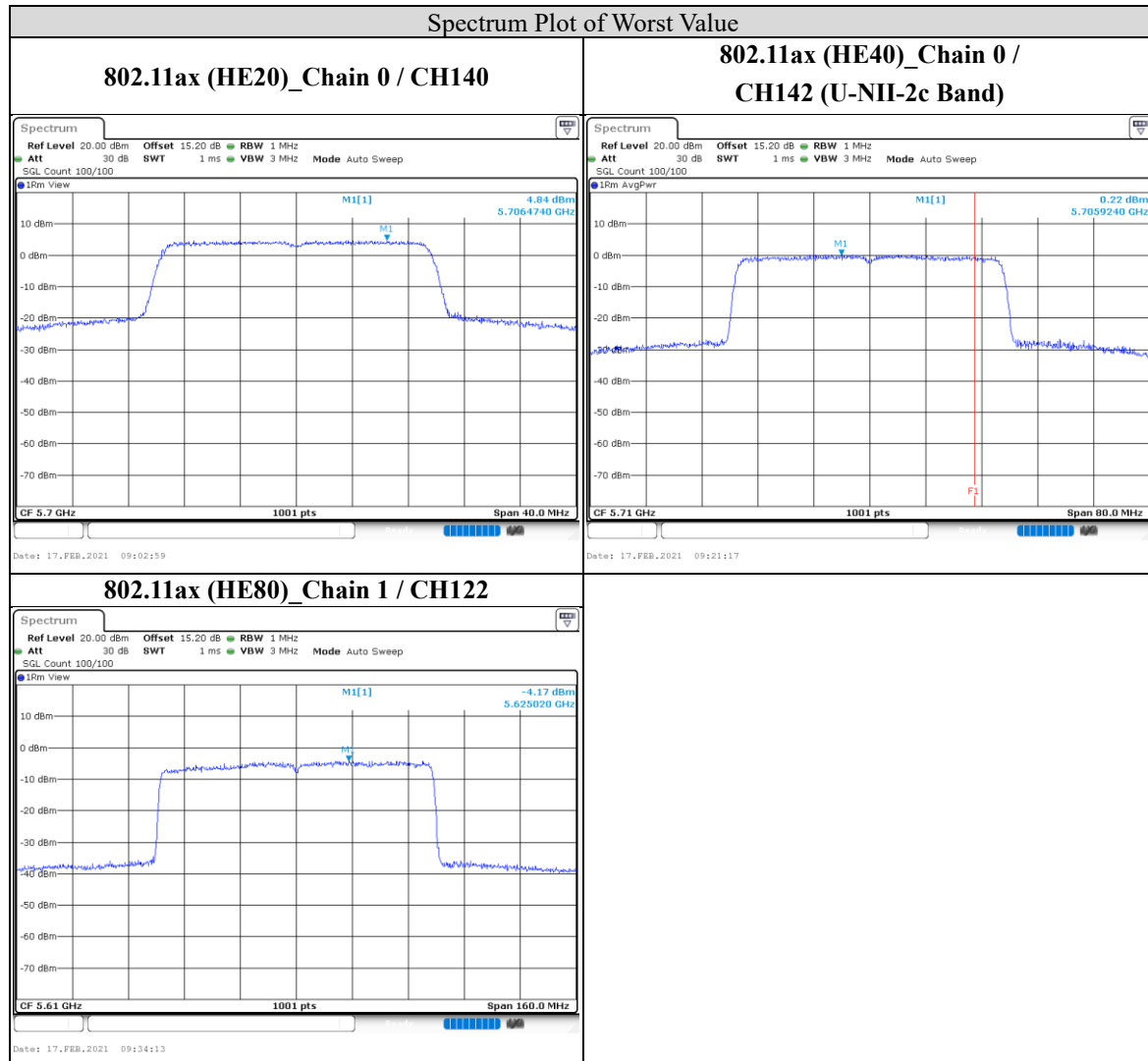
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Test report No. : 4789558396-US-R1-V0
Page : 114 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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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	-1.30	-1.59	1.57	3.79	4.2	29.75	PASS
149	5745	1.03	1.59	4.33	6.55	6.96	29.75	PASS
157	5785	1.44	1.33	4.4	6.62	7.03	29.75	PASS
165	5825	1.07	1.13	4.11	6.33	6.74	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)

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	-1.93	-1.99	1.05	3.27	3.93	29.75	PASS
149	5745	-0.85	-0.27	2.46	4.68	5.34	29.75	PASS
157	5785	-0.46	-0.28	2.64	4.86	5.52	29.75	PASS
165	5825	-0.82	-0.28	2.47	4.69	5.35	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 $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$.

802.11ax (HE40)

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	-3.63	-3.71	-0.66	1.56	2.84	29.75	PASS
151	5755	-4.87	-4.02	-1.41	0.81	2.09	29.75	PASS
159	5795	-4.58	-4.37	-1.46	0.76	2.04	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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Doc No: 17-EM-F0878 / 5.0



802.11ax (HE80)

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	-7.70	-8.74	-5.18	-2.96	-0.65	29.75	PASS
155	5775	-7.89	-8.71	-5.27	-3.05	-0.74	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)

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	-1.08	-1.53	1.71	3.93	4.93	29.75	PASS
149	5745	-1.00	-0.59	2.22	4.44	5.44	29.75	PASS
157	5785	-0.78	-1.34	1.96	4.18	5.18	29.75	PASS
165	5825	-0.87	-1.70	1.75	3.97	4.97	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 $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$.

802.11ax (HE40)

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	-4.91	-4.98	-1.93	0.29	2.14	29.75	PASS
151	5755	-5.80	-5.24	-2.5	-0.28	1.57	29.75	PASS
159	5795	-5.77	-5.22	-2.48	-0.26	1.59	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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Doc No: 17-EM-F0878 / 5.0



802.11ax (HE80)

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	-11.00	-11.64	-8.3	-6.08	-2.82	29.75	PASS
155	5775	-10.06	-8.56	-6.24	-4.02	-0.76	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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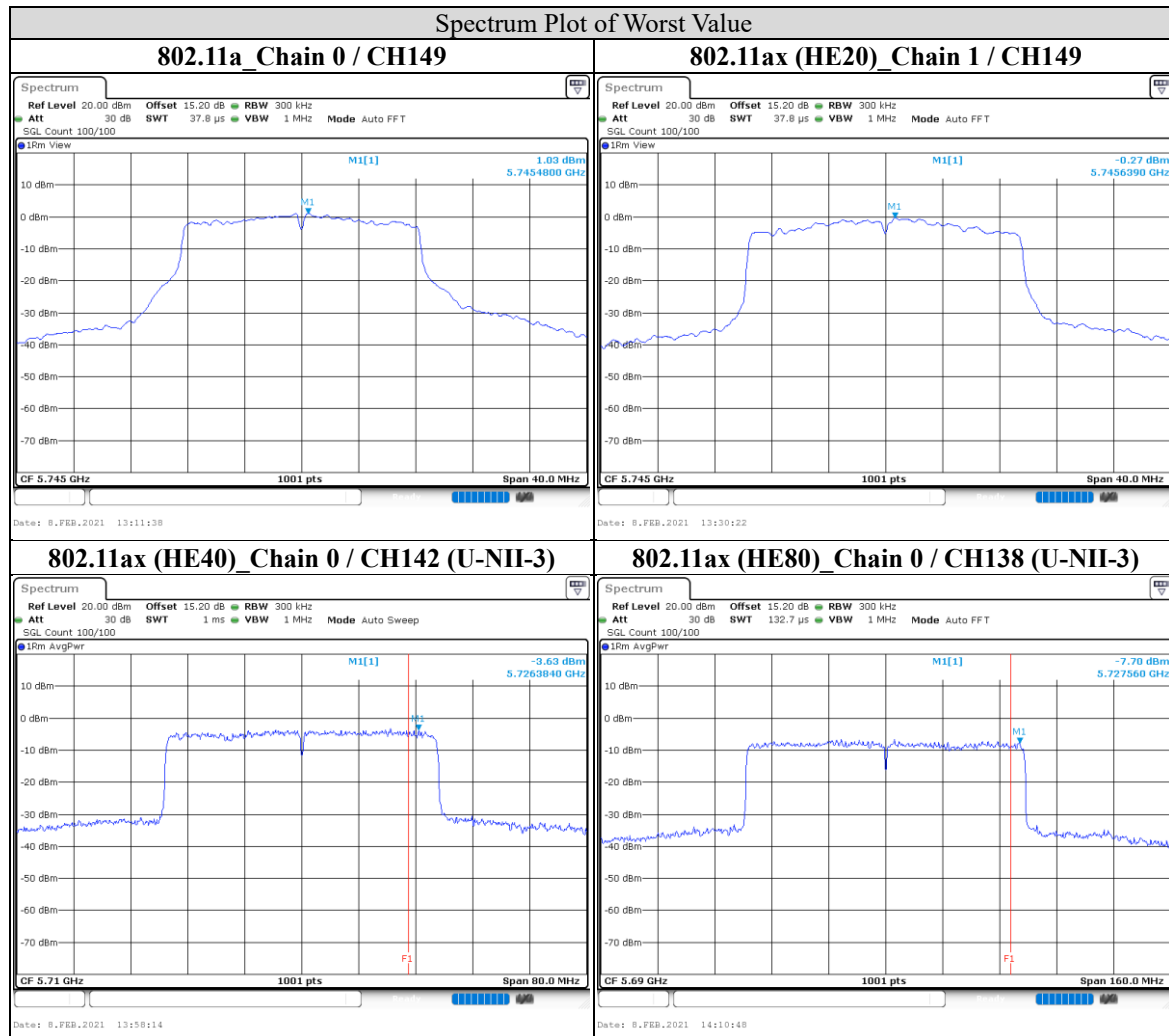
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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 120 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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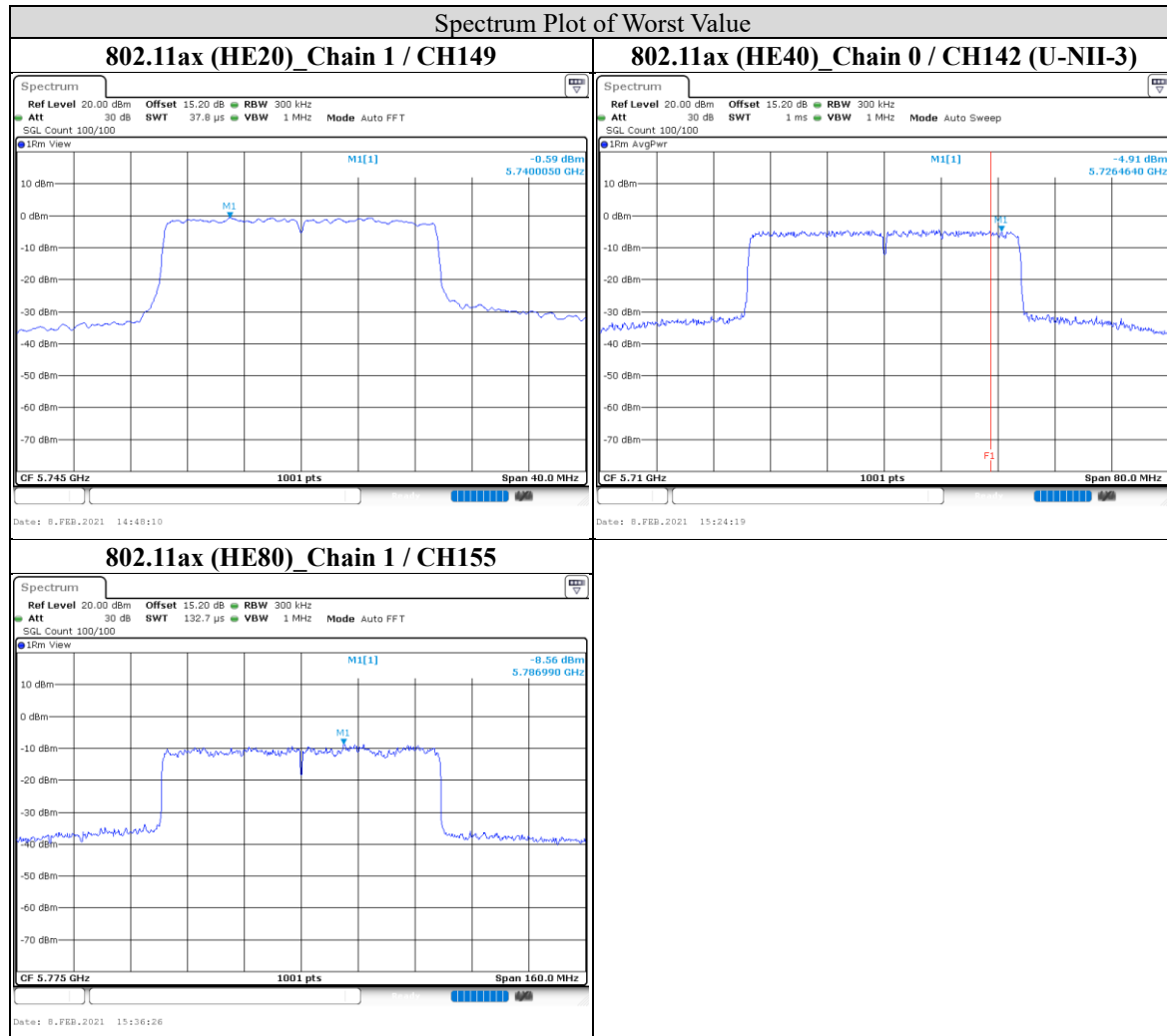
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Test report No. : 4789558396-US-R1-V0
Page : 121 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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Doc No: 17-EM-F0878 / 5.0



Beamforming mode

OFDM

802.11ax (HE20)

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	-3.24	-2.24	0.3	2.52	3.12	29.75	PASS
149	5745	0.45	0.03	3.26	5.48	6.08	29.75	PASS
157	5785	-1.06	-0.77	2.1	4.32	4.92	29.75	PASS
165	5825	-0.88	0.24	2.73	4.95	5.55	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 $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$.

802.11ax (HE40)

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	-4.83	-4.27	-1.53	0.69	1.97	29.75	PASS
151	5755	-5.11	-4.19	-1.62	0.60	1.88	29.75	PASS
159	5795	-4.65	-4.87	-1.75	0.47	1.75	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)

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	-8.68	-7.80	-5.21	-2.99	-0.55	29.75	PASS
155	5775	-8.21	-8.58	-5.38	-3.16	-0.72	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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Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



OFDMA

802.11ax (HE20)

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	-1.29	-1.58	1.58	3.80	4.83	29.75	PASS
149	5745	-0.76	-0.88	2.19	4.41	5.44	29.75	PASS
157	5785	-0.59	-1.44	2.02	4.24	5.27	29.75	PASS
165	5825	-1.34	-1.37	1.66	3.88	4.91	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 $BWCF = 10\log(500 \text{ kHz}/300\text{kHz})$.

802.11ax (HE40)

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	-5.09	-4.66	-1.86	0.36	2.24	29.75	PASS
151	5755	-5.90	-5.14	-2.49	-0.27	1.61	29.75	PASS
159	5795	-5.65	-5.53	-2.58	-0.36	1.52	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)

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	-10.89	-10.57	-7.72	-5.50	-2.22	29.75	PASS
155	5775	-9.62	-10.13	-6.86	-4.64	-1.36	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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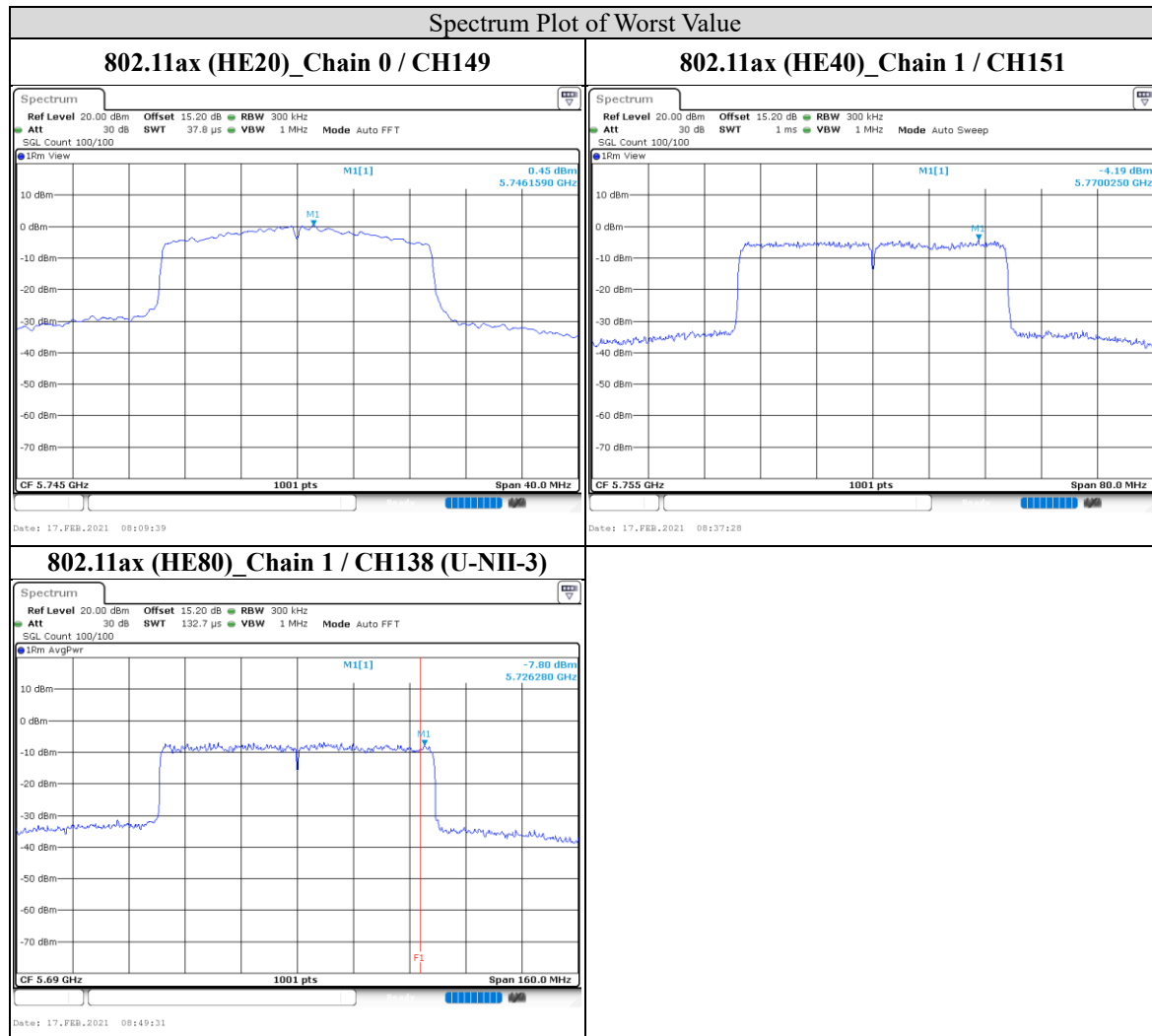
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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 126 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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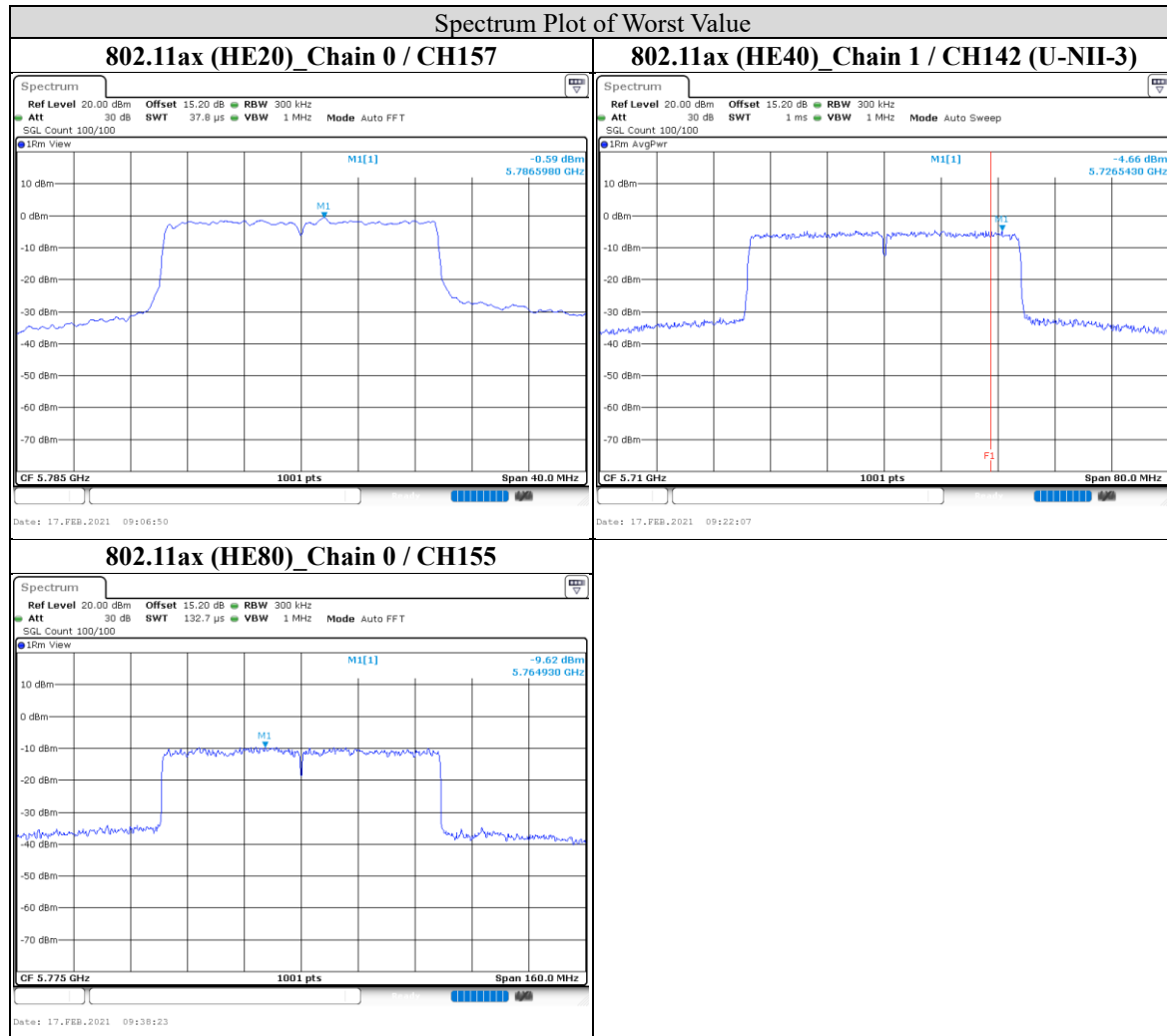
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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 127 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

OFDMA



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9.6. Frequency Stability

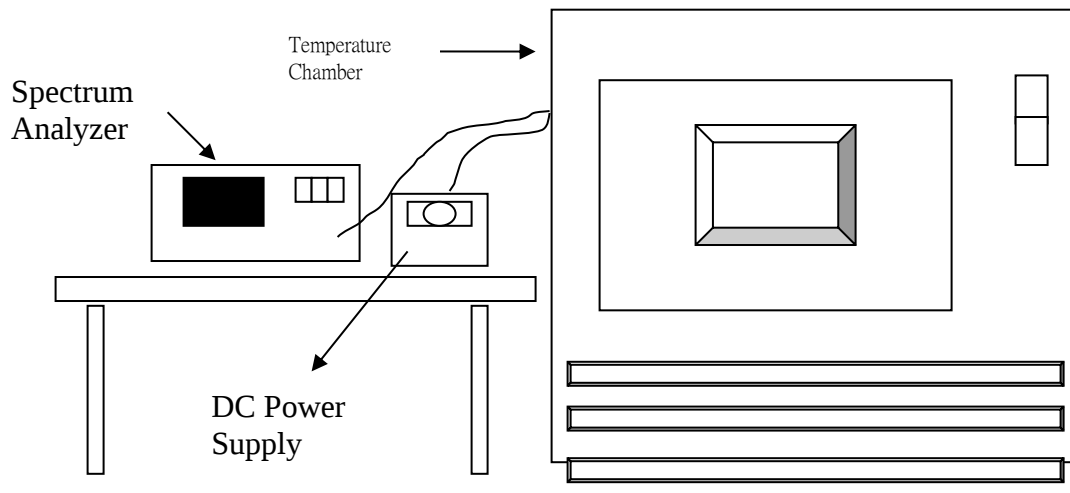
Requirements

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



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Doc No: 17-EM-F0878 / 5.0



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	5179.987059	-2.50	5179.95049	-9.56	5180.033849	6.53	5179.99069	-1.80
80	120	5180.03088	5.96	5179.941849	-11.23	5180.024026	4.64	5180.075254	14.53
70	120	5180.039437	7.61	5179.953958	-8.89	5179.958606	-7.99	5179.939867	-11.61
60	120	5179.924036	-14.66	5179.988105	-2.30	5179.931794	-13.17	5180.076678	14.80
50	120	5180.050566	9.76	5180.075298	14.54	5179.933124	-12.91	5180.048138	9.29
40	120	5179.97158	-5.49	5180.055341	10.68	5179.99545	-0.88	5179.950088	-9.64
30	120	5180.02896	5.59	5179.934367	-12.67	5180.033745	6.51	5179.993881	-1.18
20	120	5179.983176	-3.25	5179.98203	-3.47	5180.054838	10.59	5180.026487	5.11
10	120	5179.980416	-3.78	5179.994818	-1.00	5180.046041	8.89	5179.993522	-1.25
0	120	5180.066093	12.76	5179.995366	-0.89	5180.023842	4.60	5179.99462	-1.04
-10	120	5179.941793	-11.24	5180.038159	7.37	5180.07519	14.52	5179.937059	-12.15
-20	120	5180.064373	12.43	5180.009289	1.79	5180.066565	12.85	5179.948169	-10.01
-30	120	5180.032083	6.19	5180.015548	3.00	5180.048203	9.31	5179.939201	-11.74
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	5180.003146	0.61	5180.027303	5.27	5180.037922	7.32	5179.991565	-1.63
20	138	5180.003587	0.69	5180.00065	0.13	5180.056743	10.95	5179.961504	-7.43

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Doc No: 17-EM-F0878 / 5.0



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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Doc No: 17-EM-F0878 / 5.0



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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Doc No: 17-EM-F0878 / 5.0



Note:

- The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.
- 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.
- 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.

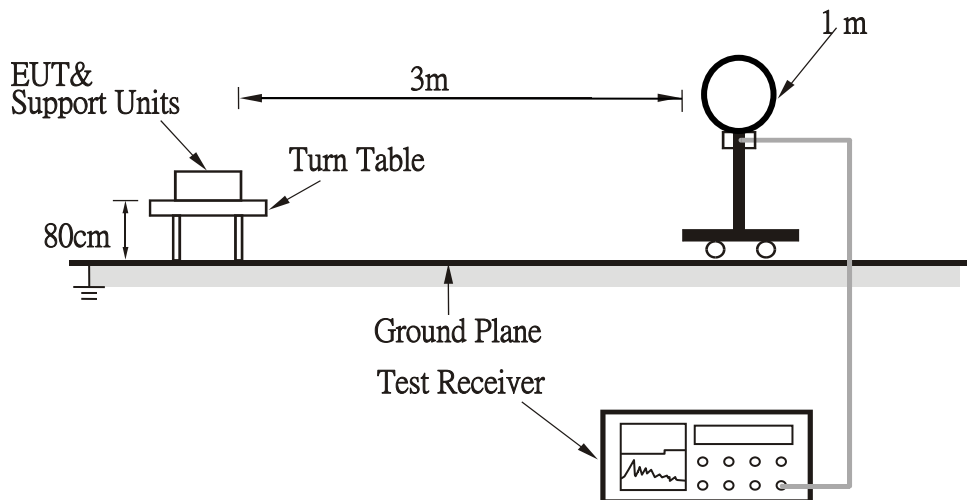
Configuration	Non-Beamforming mode		Beamforming mode	
	Average		Average	
	RBW	RBW	RBW	VBW
802.11a	1MHz	1kHz	-	-
802.11ax (HE20)_OFDM		2kHz	1MHz	2kHz
802.11ax (HE40)_OFDM		3kHz		3kHz
802.11ax (HE80)_OFDM		5.1kHz		5.1kHz
802.11ax (HE20)_OFDMA		300Hz		300Hz
802.11ax (HE40)_OFDMA		1kHz		1kHz
802.11ax (HE80)_OFDMA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

Note: Refer to section 6.6 for duty cycle.

- 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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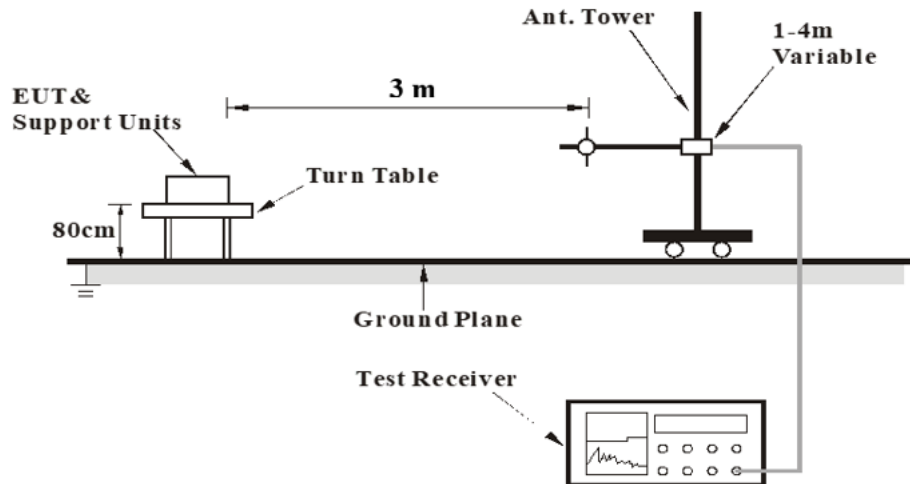
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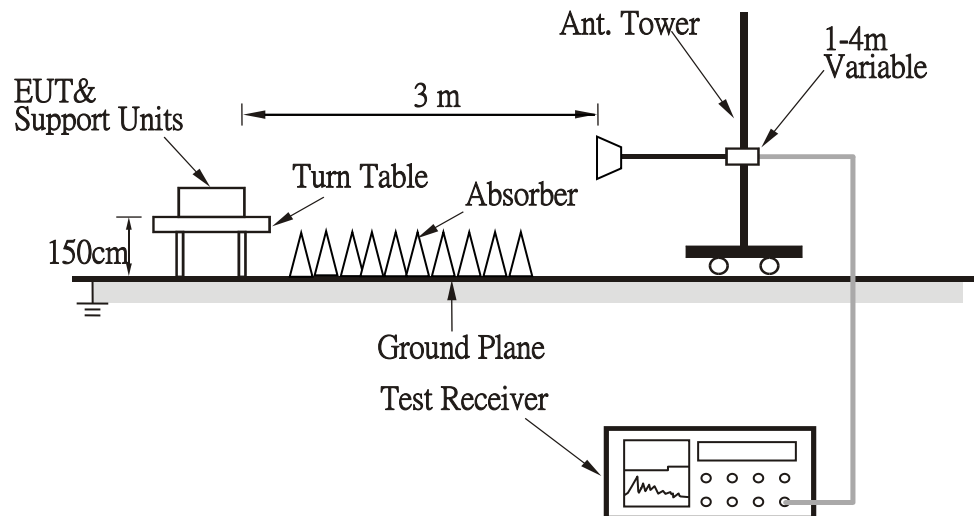
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Doc No: 17-EM-F0878 / 5.0

<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	26.47	17.26	43.73	68.2	-24.47	Peak
-	5150	31.46	13.39	44.85	54	-9.15	Average
@	5180	81.33	13.36	94.69	-	-	Average
-	5142.8	48.98	13.39	62.37	74	-11.63	Peak
@	5180	90.57	13.36	103.93	-	-	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)	
-	10360	27.29	17.26	44.55	68.2	-23.65	Peak
-	5150	37.36	13.39	50.75	54	-3.25	Average
@	5180	92.48	13.36	105.84	-	-	Average
-	5146.7	56.15	13.39	69.54	74	-4.46	Peak
@	5180	102.35	13.36	115.71	-	-	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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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 136 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.93	17.52	45.45	68.2	-22.75	Peak
-	5149.7	31.79	13.39	45.18	54	-8.82	Average
@	5220	85.65	13.29	98.94	-	-	Average
-	5145.2	43.45	13.39	56.84	74	-17.16	Peak
@	5220	93.57	13.29	106.86	-	-	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)	
-	10440	27.69	17.52	45.21	68.2	-22.99	Peak
-	5149.7	35.97	13.39	49.36	54	-4.64	Average
@	5220	94.92	13.29	108.21	-	-	Average
-	5147.3	47.44	13.39	60.83	74	-13.17	Peak
@	5220	101.67	13.29	114.96	-	-	Peak

Remarks:

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

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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 137 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.77	17.58	46.35	68.2	-21.85	Peak
-	5096	30.71	13.42	44.13	54	-9.87	Average
@	5240	85.99	13.23	99.22	-	-	Average
-	5126.3	43.54	13.41	56.95	74	-17.05	Peak
@	5240	93.36	13.23	106.59	-	-	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)	
-	10480	27.73	17.58	45.31	68.2	-22.89	Peak
-	5150	32.8	13.39	46.19	54	-7.81	Average
@	5240	94.9	13.23	108.13	-	-	Average
-	5145.5	43.71	13.39	57.1	74	-16.9	Peak
@	5240	101.23	13.23	114.46	-	-	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



Test report No. : 4789558396-US-R1-V0
Page : 138 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.8	17.62	45.42	68.2	-22.78	Peak
@	5260	86.15	13.2	99.35	-	-	Average
-	5351.4	29.2	13.22	42.42	54	-11.58	Average
@	5260	94.16	13.2	107.36	-	-	Peak
-	5362.8	41.36	13.26	54.62	74	-19.38	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	27.62	17.62	45.24	68.2	-22.96	Peak
@	5260	93.65	13.2	106.85	-	-	Average
-	5350.8	31.54	13.22	44.76	54	-9.24	Average
@	5260	103.26	13.2	116.46	-	-	Peak
-	5358.6	42.8	13.25	56.05	74	-17.95	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 139 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.56	17.63	46.19	68.2	-22.01	Peak
@	5300	86.78	13.16	99.94	-	-	Average
-	5350.2	32.45	13.22	45.67	54	-8.33	Average
@	5300	93.93	13.16	107.09	-	-	Peak
-	5350.8	44.18	13.22	57.4	74	-16.6	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	27.79	17.63	45.42	68.2	-22.78	Peak
@	5300	92.87	13.16	106.03	-	-	Average
-	5352.3	37.45	13.22	50.67	54	-3.33	Average
@	5300	100.01	13.16	113.17	-	-	Peak
-	5351.4	50.44	13.22	63.66	74	-10.34	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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 140 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.15	17.72	46.87	74	-27.13	Peak
@	5320	86.2	13.19	99.39	-	-	Average
-	5351.1	34.99	13.22	48.21	54	-5.79	Average
@	5320	91.8	13.19	104.99	-	-	Peak
-	5352.9	48.36	13.23	61.59	74	-12.41	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)	
*	10640	29.89	17.72	47.61	74	-26.39	Peak
@	5320	92.17	13.19	105.36	-	-	Average
-	5351.7	39.49	13.22	52.71	54	-1.29	Average
@	5320	100.02	13.19	113.21	-	-	Peak
-	5355.3	54.03	13.24	67.27	74	-6.73	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 peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 141 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.91	18.2	46.11	74	-27.89	Peak
-	5457.75	28.3	13.65	41.95	54	-12.05	Average
-	5457.75	43.74	13.65	57.39	74	-16.61	Peak
-	5468.6	49.34	13.69	63.03	68.2	-5.17	Peak
@	5500	78.5	13.78	92.28	-	-	Average
@	5500	88.5	13.78	102.28	-	-	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)	
*	11000	28.54	18.2	46.74	74	-27.26	Peak
-	5455.65	33.32	13.64	46.96	54	-7.04	Average
-	5455.65	52.01	13.64	65.65	74	-8.35	Peak
-	5467.9	53.07	13.69	66.76	68.2	-1.44	Peak
@	5500	86.9	13.78	100.68	-	-	Average
@	5500	97.86	13.78	111.64	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 142 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.95	18.24	48.19	74	-25.81	Peak
-	5455.3	28.1	13.64	41.74	54	-12.26	Average
-	5455.3	40.52	13.64	54.16	74	-19.84	Peak
-	5467.9	39.84	13.69	53.53	68.2	-14.67	Peak
@	5580	79.2	13.93	93.13	-	-	Average
@	5580	89.81	13.93	103.74	-	-	Peak
-	5745.8	40.2	14.23	54.43	68.2	-13.77	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	31.63	18.24	49.87	74	-24.13	Peak
-	5453.9	28.7	13.64	42.34	54	-11.66	Average
-	5453.9	40.67	13.64	54.31	74	-19.69	Peak
-	5464.05	40.27	13.67	53.94	68.2	-14.26	Peak
@	5580	92.3	13.93	106.23	-	-	Average
@	5580	102.29	13.93	116.22	-	-	Peak
-	5744.05	40.98	14.23	55.21	68.2	-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 peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 143 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.06	18.66	46.72	74	-27.28	Peak
@	5700	76.31	13.99	90.3	-	-	Average
@	5700	86.8	13.99	100.79	-	-	Peak
-	5729	44.32	14.15	58.47	68.2	-9.73	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)	
*	11400	27.72	18.66	46.38	74	-27.62	Peak
@	5700	90.61	13.99	104.6	-	-	Average
@	5700	100.28	13.99	114.27	-	-	Peak
-	5731.1	51.51	14.15	65.66	68.2	-2.54	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 144 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.04	18.78	47.82	74	-26.18	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)	
*	11440	28.67	18.78	47.45	74	-26.55	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 145 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.34	18.94	47.28	74	-26.72	Peak
-	5593	41.02	13.97	54.99	68.2	-13.21	Peak
-	5720	50.4	14.1	64.5	110.8	-46.3	Peak
@	5745	77.6	14.23	91.83	-	-	Average
@	5745	87.47	14.23	101.7	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11490	28.9	18.94	47.84	74	-26.16	Peak
-	5620.5	41.16	13.97	55.13	68.2	-13.07	Peak
-	5725	63.81	14.13	77.94	122.2	-44.26	Peak
@	5745	89.4	14.23	103.63	-	-	Average
@	5745	99.77	14.23	114	-	-	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 146 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.8	18.81	46.61	74	-27.39	Peak
-	5584.5	41.01	13.94	54.95	68.2	-13.25	Peak
-	5719	40.74	14.1	54.84	110.52	-55.68	Peak
@	5785	78.4	14.43	92.83	-	-	Average
@	5785	88.4	14.43	102.83	-	-	Peak
-	5914.5	40.93	14.93	55.86	75.94	-20.08	Peak
-	5942.5	40.39	14.95	55.34	68.2	-12.86	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)	
*	11570	27.45	18.81	46.26	74	-27.74	Peak
-	5539.5	40.94	13.82	54.76	68.2	-13.44	Peak
-	5725	43.64	14.13	57.77	122.2	-64.43	Peak
@	5785	88.5	14.43	102.93	-	-	Average
@	5785	98.31	14.43	112.74	-	-	Peak
-	5851	42.8	14.76	57.56	119.92	-62.36	Peak
-	5942.5	40.54	14.95	55.49	68.2	-12.71	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 peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 147 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.49	18.56	46.05	74	-27.95	Peak
@	5825	78.7	14.63	93.33	-	-	Average
@	5825	88.84	14.63	103.47	-	-	Peak
-	5854	45.88	14.77	60.65	113.08	-52.43	Peak
-	5957	40.85	14.98	55.83	68.2	-12.37	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)	
*	11650	27.41	18.56	45.97	74	-28.03	Peak
@	5825	89.5	14.63	104.13	-	-	Average
@	5825	99.11	14.63	113.74	-	-	Peak
-	5851	53.71	14.76	68.47	119.92	-51.45	Peak
-	5950.5	42.06	14.96	57.02	68.2	-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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 148 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

OFDM
802.11ax (HE20)

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	26.99	17.26	44.25	68.2	-23.95	Peak
-	5147	32.7	13.39	46.09	54	-7.91	Average
@	5180	79.48	13.36	92.84	-	-	Average
-	5150	47.63	13.39	61.02	74	-12.98	Peak
@	5180	89.17	13.36	102.53	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10360	27.43	17.26	44.69	68.2	-23.51	Peak
-	5149.1	39.05	13.39	52.44	54	-1.56	Average
@	5180	92.61	13.36	105.97	-	-	Average
-	5149.1	58.83	13.39	72.22	74	-1.78	Peak
@	5180	101.68	13.36	115.04	-	-	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 other emission levels were very low against the limit.

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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 149 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.95	17.52	45.47	68.2	-22.73	Peak
-	5141.9	31.01	13.39	44.4	54	-9.6	Average
@	5220	82.8	13.29	96.09	-	-	Average
-	5139.5	42.73	13.4	56.13	74	-17.87	Peak
@	5220	91.6	13.29	104.89	-	-	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)	
-	10440	28.16	17.52	45.68	68.2	-22.52	Peak
-	5147.9	34.62	13.38	48	54	-6	Average
@	5220	91.15	13.29	104.44	-	-	Average
-	5131.4	44.37	13.41	57.78	74	-16.22	Peak
@	5220	99.95	13.29	113.24	-	-	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 150 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.51	17.58	45.09	68.2	-23.11	Peak
-	5118.8	30.83	13.41	44.24	54	-9.76	Average
@	5240	83.46	13.23	96.69	-	-	Average
-	5122.1	41.98	13.41	55.39	74	-18.61	Peak
@	5240	92.38	13.23	105.61	-	-	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)	
-	10480	27.12	17.58	44.7	68.2	-23.5	Peak
-	5146.4	33.57	13.39	46.96	54	-7.04	Average
@	5240	92.93	13.23	106.16	-	-	Average
-	5144.9	45.16	13.39	58.55	74	-15.45	Peak
@	5240	103.05	13.23	116.28	-	-	Peak

Remarks:

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

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 151 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.26	17.62	44.88	68.2	-23.32	Peak
@	5260	84.64	13.2	97.84	-	-	Average
-	5357.4	29.97	13.24	43.21	54	-10.79	Average
@	5260	91.34	13.2	104.54	-	-	Peak
-	5425.8	40.13	13.5	53.63	74	-20.37	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)	
-	10520	28.03	17.62	45.65	68.2	-22.55	Peak
@	5260	92.47	13.2	105.67	-	-	Average
-	5350.5	33.27	13.22	46.49	54	-7.51	Average
@	5260	100.53	13.2	113.73	-	-	Peak
-	5364	45.08	13.26	58.34	74	-15.66	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 152 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.97	17.63	45.6	68.2	-22.6	Peak
@	5300	85.58	13.16	98.74	-	-	Average
-	5350.2	32.89	13.22	46.11	54	-7.89	Average
@	5300	93.22	13.16	106.38	-	-	Peak
-	5354.7	43.88	13.23	57.11	74	-16.89	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)	
-	10600	27.18	17.63	44.81	68.2	-23.39	Peak
@	5300	91.15	13.16	104.31	-	-	Average
-	5351.1	36.89	13.22	50.11	54	-3.89	Average
@	5300	96.21	13.16	109.37	-	-	Peak
-	5352	48.12	13.22	61.34	74	-12.66	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 153 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.19	17.72	45.91	74	-28.09	Peak
@	5320	83.03	13.19	96.22	-	-	Average
-	5350.8	31.07	13.22	44.29	54	-9.71	Average
@	5320	93.41	13.19	106.6	-	-	Peak
-	5352.3	46.47	13.22	59.69	74	-14.31	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)	
*	10640	28.44	17.72	46.16	74	-27.84	Peak
@	5320	89.07	13.19	102.26	-	-	Average
-	5350.5	34.87	13.22	48.09	54	-5.91	Average
@	5320	95.76	13.19	108.95	-	-	Peak
-	5350.2	50.74	13.22	63.96	74	-10.04	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 154 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.56	18.2	46.76	74	-27.24	Peak
-	5459.15	28.5	13.65	42.15	54	-11.85	Average
-	5459.15	43.15	13.65	56.8	74	-17.2	Peak
-	5467.9	50.21	13.69	63.9	68.2	-4.3	Peak
@	5500	77.9	13.78	91.68	-	-	Average
@	5500	88.61	13.78	102.39	-	-	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)	
*	11000	28.49	18.2	46.69	74	-27.31	Peak
-	5454.25	32.6	13.64	46.24	54	-7.76	Average
-	5454.25	51.19	13.64	64.83	74	-9.17	Peak
-	5467.2	52.9	13.67	66.57	68.2	-1.63	Peak
@	5500	88.5	13.78	102.28	-	-	Average
@	5500	98.5	13.78	112.28	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 155 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.99	18.24	47.23	74	-26.77	Peak
-	5443.75	28.09	13.6	41.69	54	-12.31	Average
-	5443.75	39.69	13.6	53.29	74	-20.71	Peak
-	5461.25	39.6	13.66	53.26	68.2	-14.94	Peak
@	5580	78.6	13.93	92.53	-	-	Average
@	5580	88.56	13.93	102.49	-	-	Peak
-	5728.3	39.91	14.14	54.05	68.2	-14.15	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)	
*	11160	30.62	18.24	48.86	74	-25.14	Peak
-	5448.65	28.6	13.62	42.22	54	-11.78	Average
-	5448.65	41.35	13.62	54.97	74	-19.03	Peak
-	5463.7	41.59	13.67	55.26	68.2	-12.94	Peak
@	5580	92.1	13.93	106.03	-	-	Average
@	5580	102.12	13.93	116.05	-	-	Peak
-	5731.45	44.93	14.16	59.09	68.2	-9.11	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 156 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.98	18.66	46.64	74	-27.36	Peak
@	5700	75.31	13.99	89.3	-	-	Average
@	5700	85.87	13.99	99.86	-	-	Peak
-	5727.6	45.87	14.14	60.01	68.2	-8.19	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)	
*	11400	29.61	18.66	48.27	74	-25.73	Peak
@	5700	91.81	13.99	105.8	-	-	Average
@	5700	103.08	13.99	117.07	-	-	Peak
-	5731.1	52.94	14.15	67.09	68.2	-1.11	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 157 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	18.78	47.99	74	-26.01	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	28.35	18.78	47.13	74	-26.87	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. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 158 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.69	18.94	48.63	74	-25.37	Peak
-	5553	40.82	13.85	54.67	68.2	-13.53	Peak
-	5724.5	54.77	14.13	68.9	121.06	-52.16	Peak
@	5745	77.8	14.23	92.03	-	-	Average
@	5745	87.18	14.23	101.41	-	-	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)	
*	11490	28.54	18.94	47.48	74	-26.52	Peak
-	5640	41.42	13.95	55.37	68.2	-12.83	Peak
-	5722.5	57.62	14.11	71.73	116.5	-44.77	Peak
@	5745	87.9	14.23	102.13	-	-	Average
@	5745	97.95	14.23	112.18	-	-	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 159 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.41	18.81	47.22	74	-26.78	Peak
-	5608.5	41.42	13.98	55.4	68.2	-12.8	Peak
-	5718	40.4	14.09	54.49	110.24	-55.75	Peak
@	5785	77.4	14.43	91.83	-	-	Average
@	5785	87.98	14.43	102.41	-	-	Peak
-	5864.5	40.59	14.8	55.39	108.14	-52.75	Peak
-	5940.5	41.43	14.95	56.38	68.2	-11.82	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)	
*	11570	27.37	18.81	46.18	74	-27.82	Peak
-	5617.5	41.38	13.97	55.35	68.2	-12.85	Peak
-	5722.5	46.1	14.11	60.21	116.5	-56.29	Peak
@	5785	89.7	14.43	104.13	-	-	Average
@	5785	99.6	14.43	114.03	-	-	Peak
-	5864.5	43.13	14.8	57.93	108.14	-50.21	Peak
-	5995.5	40.88	15.09	55.97	68.2	-12.23	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 160 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.07	18.56	46.63	74	-27.37	Peak
@	5825	77.5	14.63	92.13	-	-	Average
@	5825	87.99	14.63	102.62	-	-	Peak
-	5850	45.83	14.76	60.59	122.2	-61.61	Peak
-	6010.5	41.5	15.13	56.63	68.2	-11.57	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)	
*	11650	28.22	18.56	46.78	74	-27.22	Peak
@	5825	88.7	14.63	103.33	-	-	Average
@	5825	98.61	14.63	113.24	-	-	Peak
-	5851.5	55.32	14.76	70.08	118.78	-48.7	Peak
-	6000	41.15	15.11	56.26	68.2	-11.94	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 161 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

802.11ax (HE40)

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	27.5	17.36	44.86	68.2	-23.34	Peak
-	5149.7	30.92	13.39	44.31	54	-9.69	Average
@	5190	71.69	13.36	85.05	-	-	Average
-	5126.9	41.72	13.41	55.13	74	-18.87	Peak
@	5190	80.32	13.36	93.68	-	-	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)	
-	10380	26.87	17.36	44.23	68.2	-23.97	Peak
-	5149.4	39.19	13.39	52.58	54	-1.42	Average
@	5190	82.51	13.36	95.87	-	-	Average
-	5148.2	53.51	13.38	66.89	74	-7.11	Peak
@	5190	95.99	13.36	109.35	-	-	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 162 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	26.68	17.54	44.22	68.2	-23.98	Peak
-	5119.7	30.87	13.41	44.28	54	-9.72	Average
@	5230	78.37	13.26	91.63	-	-	Average
-	5053.4	42.85	13.28	56.13	74	-17.87	Peak
@	5230	88.16	13.26	101.42	-	-	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)	
-	10460	27.55	17.54	45.09	68.2	-23.11	Peak
-	5143.4	34.14	13.39	47.53	54	-6.47	Average
@	5230	84.98	13.26	98.24	-	-	Average
-	5138.3	47.22	13.4	60.62	74	-13.38	Peak
@	5230	92.65	13.26	105.91	-	-	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 other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 163 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.43	17.61	45.04	68.2	-23.16	Peak
@	5270	78.63	13.18	91.81	-	-	Average
-	5350.5	31.12	13.22	44.34	54	-9.66	Average
@	5270	90.36	13.18	103.54	-	-	Peak
-	5361.9	46.77	13.25	60.02	74	-13.98	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)	
-	10540	28.08	17.61	45.69	68.2	-22.51	Peak
@	5270	85.74	13.18	98.92	-	-	Average
-	5356.2	35.28	13.24	48.52	54	-5.48	Average
@	5270	95.17	13.18	108.35	-	-	Peak
-	5350.2	49.97	13.22	63.19	74	-10.81	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



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	28.03	17.67	45.7	74	-28.3	Peak
@	5310	75.21	13.17	88.38	-	-	Average
-	5352.9	30.93	13.23	44.16	54	-9.84	Average
@	5310	84	13.17	97.17	-	-	Peak
-	5352.9	41.23	13.23	54.46	74	-19.54	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	27.93	17.67	45.6	74	-28.4	Peak
@	5310	82.12	13.17	95.29	-	-	Average
-	5351.1	38.36	13.22	51.58	54	-2.42	Average
@	5310	91.21	13.17	104.38	-	-	Peak
-	5350.5	45.22	13.22	58.44	74	-15.56	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 165 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.8	18.24	46.04	74	-27.96	Peak
-	5459.5	28.11	13.65	41.76	54	-12.24	Average
-	5459.5	40.28	13.65	53.93	74	-20.07	Peak
-	5469.65	40.24	13.69	53.93	68.2	-14.27	Peak
@	5510	70.5	13.79	84.29	-	-	Average
@	5510	81.63	13.79	95.42	-	-	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)	
*	11020	28.28	18.24	46.52	74	-27.48	Peak
-	5425.9	28.1	13.5	41.6	54	-12.4	Average
-	5425.9	42.29	13.5	55.79	74	-18.21	Peak
-	5464.4	51.4	13.67	65.07	68.2	-3.13	Peak
@	5510	82.2	13.79	95.99	-	-	Average
@	5510	92.62	13.79	106.41	-	-	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 166 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.71	18.41	46.12	74	-27.88	Peak
-	5458.45	30.1	13.65	43.75	54	-10.25	Average
-	5458.45	41.61	13.65	55.26	74	-18.74	Peak
-	5467.2	43.05	13.67	56.72	68.2	-11.48	Peak
@	5550	74.81	13.83	88.64	-	-	Average
@	5550	85.27	13.83	99.1	-	-	Peak
-	5734.6	40	14.18	54.18	68.2	-14.02	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)	
*	11100	28.79	18.41	47.2	74	-26.8	Peak
-	5457.75	31.2	13.65	44.85	54	-9.15	Average
-	5457.75	48.85	13.65	62.5	74	-11.5	Peak
-	5462.65	50.41	13.67	64.08	68.2	-4.12	Peak
@	5550	85.21	13.83	99.04	-	-	Average
@	5550	95.51	13.83	109.34	-	-	Peak
-	5739.15	44.28	14.2	58.48	68.2	-9.72	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 167 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.41	18.47	46.88	74	-27.12	Peak
@	5670	76.2	13.97	90.17	-	-	Average
@	5670	86.91	13.97	100.88	-	-	Peak
-	5737.05	45.69	14.19	59.88	68.2	-8.32	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)	
*	11340	27.92	18.47	46.39	74	-27.61	Peak
@	5670	86.9	13.97	100.87	-	-	Average
@	5670	96.82	13.97	110.79	-	-	Peak
-	5733.2	52.8	14.17	66.97	68.2	-1.23	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 168 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.99	18.72	46.71	74	-27.29	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)	
*	11420	28.72	18.72	47.44	74	-26.56	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 169 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.59	18.95	47.54	74	-26.46	Peak
-	5614.5	40.86	13.98	54.84	68.2	-13.36	Peak
-	5725	54.69	14.13	68.82	122.2	-53.38	Peak
@	5755	74.21	14.27	88.48	-	-	Average
@	5755	84.8	14.27	99.07	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11510	27.8	18.95	46.75	74	-27.25	Peak
-	5632	45.39	13.97	59.36	68.2	-8.84	Peak
-	5723.5	70.62	14.11	84.73	118.78	-34.05	Peak
@	5755	86.71	14.27	100.98	-	-	Average
@	5755	96.44	14.27	110.71	-	-	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 peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 170 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.86	18.76	47.62	74	-26.38	Peak
-	5645	40.29	13.95	54.24	68.2	-13.96	Peak
-	5723	40.94	14.11	55.05	117.64	-62.59	Peak
@	5795	74.1	14.48	88.58	-	-	Average
@	5795	84.12	14.48	98.6	-	-	Peak
-	5862.5	42.38	14.78	57.16	108.7	-51.54	Peak
-	5964	41.73	15.01	56.74	68.2	-11.46	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)	
*	11590	28.48	18.76	47.24	74	-26.76	Peak
-	5643.5	42.13	13.94	56.07	68.2	-12.13	Peak
-	5720	48.97	14.1	63.07	110.8	-47.73	Peak
@	5795	85.3	14.48	99.78	-	-	Average
@	5795	95.35	14.48	109.83	-	-	Peak
-	5855.5	50.9	14.78	65.68	110.66	-44.98	Peak
-	5942	41.49	14.95	56.44	68.2	-11.76	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 171 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

802.11ax (HE80)

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	28.36	17.48	45.84	68.2	-22.36	Peak
-	5071.1	29.96	13.34	43.3	54	-10.7	Average
@	5210	66.12	13.32	79.44	-	-	Average
-	5139.2	44.54	13.4	57.94	74	-16.06	Peak
@	5210	79.62	13.32	92.94	-	-	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)	
-	10420	27.73	17.48	45.21	68.2	-22.99	Peak
-	5148.5	36.85	13.38	50.23	54	-3.77	Average
@	5210	73.24	13.32	86.56	-	-	Average
-	5149.4	51.56	13.39	64.95	74	-9.05	Peak
@	5210	92.85	13.32	106.17	-	-	Peak

Remarks:

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

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 172 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.19	17.63	44.82	68.2	-23.38	Peak
@	5290	68.02	13.17	81.19	-	-	Average
-	5350.2	33.05	13.22	46.27	54	-7.73	Average
@	5290	81.54	13.17	94.71	-	-	Peak
-	5355.6	43.31	13.24	56.55	74	-17.45	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)	
-	10580	28.18	17.63	45.81	68.2	-22.39	Peak
@	5290	72.94	13.17	86.11	-	-	Average
-	5351.4	38.83	13.22	52.05	54	-1.95	Average
@	5290	88.4	13.17	101.57	-	-	Peak
-	5356.2	52.52	13.24	65.76	74	-8.24	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 173 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.8	18.33	47.13	74	-26.87	Peak
-	5448.65	28.7	13.62	42.32	54	-11.68	Average
-	5448.65	40.04	13.62	53.66	74	-20.34	Peak
-	5460.55	41.79	13.65	55.44	68.2	-12.76	Peak
@	5530	70.2	13.81	84.01	-	-	Average
@	5530	80.19	13.81	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)	
*	11060	27.79	18.33	46.12	74	-27.88	Peak
-	5442.35	32.5	13.59	46.09	54	-7.91	Average
-	5442.35	48.9	13.59	62.49	74	-11.51	Peak
-	5460.9	49.2	13.66	62.86	68.2	-5.34	Peak
@	5530	78.9	13.81	92.71	-	-	Average
@	5530	89.53	13.81	103.34	-	-	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 174 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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)	
*	11060	27.79	18.33	46.12	74	-27.88	Peak
-	5442.35	32.5	13.59	46.09	54	-7.91	Average
-	5442.35	48.9	13.59	62.49	74	-11.51	Peak
-	5460.9	49.2	13.66	62.86	68.2	-5.34	Peak
-	5530	78.9	13.81	92.71	-	-	Average
-	5530	89.53	13.81	103.34	-	-	Peak
-	5747.55	43.06	14.24	57.3	68.2	-10.9	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)	
*	11220	27.77	18.17	45.94	74	-28.06	Peak
-	5454.95	30.5	13.64	44.14	54	-9.86	Average
-	5454.95	47.27	13.64	60.91	74	-13.09	Peak
-	5463	47.34	13.67	61.01	68.2	-7.19	Peak
@	5610	84.9	13.98	98.88	-	-	Average
@	5610	94.27	13.98	108.25	-	-	Peak
-	5731.8	50.23	14.16	64.39	68.2	-3.81	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 175 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.49	18.59	47.08	74	-26.92	Peak
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11380	28.46	18.59	47.05	74	-26.95	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 176 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.63	18.85	46.48	74	-27.52	Peak
-	5643	42.94	13.94	56.88	68.2	-11.32	Peak
-	5702	51.49	14.01	65.5	105.76	-40.26	Peak
@	5775	71.3	14.38	85.68	-	-	Average
@	5775	81.63	14.38	96.01	-	-	Peak
-	5851	50.83	14.76	65.59	119.92	-54.33	Peak
-	5932	44.22	14.94	59.16	68.2	-9.04	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)	
*	11550	27.48	18.85	46.33	74	-27.67	Peak
-	5643	52.73	13.94	66.67	68.2	-1.53	Peak
-	5711.5	65.68	14.06	79.74	108.42	-28.68	Peak
@	5775	83.9	14.38	98.28	-	-	Average
@	5775	93.32	14.38	107.7	-	-	Peak
-	5853	60.63	14.77	75.4	115.36	-39.96	Peak
-	5969.5	49.84	15.02	64.86	68.2	-3.34	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 177 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

OFDMA
802.11ax (HE20)

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	26.81	17.26	44.07	68.2	-24.13	Peak
-	5055.8	29.89	13.29	43.18	54	-10.82	Average
@	5180	76.7	13.36	90.06	-	-	Average
-	5106.8	41.44	13.43	54.87	74	-19.13	Peak
@	5180	86.73	13.36	100.09	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10360	27.47	17.26	44.73	68.2	-23.47	Peak
-	5148.8	33.87	13.38	47.25	54	-6.75	Average
@	5180	87.01	13.36	100.37	-	-	Average
-	5148.8	57.09	13.38	70.47	74	-3.53	Peak
@	5180	99.92	13.36	113.28	-	-	Peak

Remarks:

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

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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 178 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.82	17.52	45.34	68.2	-22.86	Peak
-	5149.1	29.95	13.39	43.34	54	-10.66	Average
@	5220	79.91	13.29	93.2	-	-	Average
-	5145.5	42.49	13.39	55.88	74	-18.12	Peak
@	5220	90.45	13.29	103.74	-	-	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)	
-	10440	28.4	17.52	45.92	68.2	-22.28	Peak
-	5149.7	33.68	13.39	47.07	54	-6.93	Average
@	5220	89.91	13.29	103.2	-	-	Average
-	5136.8	44.27	13.41	57.68	74	-16.32	Peak
@	5220	98.46	13.29	111.75	-	-	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 other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 179 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.46	17.58	45.04	68.2	-23.16	Peak
-	5052.8	29.91	13.28	43.19	54	-10.81	Average
@	5240	80.65	13.23	93.88	-	-	Average
-	5096.6	41.89	13.42	55.31	74	-18.69	Peak
@	5240	89.93	13.23	103.16	-	-	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)	
-	10480	27.17	17.58	44.75	68.2	-23.45	Peak
-	5147	32.97	13.39	46.36	54	-7.64	Average
@	5240	89.84	13.23	103.07	-	-	Average
-	5142.8	43.67	13.39	57.06	74	-16.94	Peak
@	5240	101.41	13.23	114.64	-	-	Peak

Remarks:

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

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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 180 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.43	17.62	45.05	68.2	-23.15	Peak
@	5260	80.38	13.2	93.58	-	-	Average
-	5351.7	28.62	13.22	41.84	54	-12.16	Average
@	5260	93.42	13.2	106.62	-	-	Peak
-	5375.4	43.32	13.29	56.61	74	-17.39	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)	
-	10520	28.28	17.62	45.9	68.2	-22.3	Peak
@	5260	89.7	13.2	102.9	-	-	Average
-	5350.5	32.3	13.22	45.52	54	-8.48	Average
@	5260	100.38	13.2	113.58	-	-	Peak
-	5358.9	44.65	13.25	57.9	74	-16.1	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 other emission levels were very low against the limit.

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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 181 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.83	17.63	45.46	68.2	-22.74	Peak
@	5300	80.69	13.16	93.85	-	-	Average
-	5351.4	29.44	13.22	42.66	54	-11.34	Average
@	5300	90.29	13.16	103.45	-	-	Peak
-	5362.2	41.15	13.25	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	27.41	17.63	45.04	68.2	-23.16	Peak
@	5300	89.27	13.16	102.43	-	-	Average
-	5350.2	34.39	13.22	47.61	54	-6.39	Average
@	5300	101.11	13.16	114.27	-	-	Peak
-	5350.5	51.73	13.22	64.95	74	-9.05	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 other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 182 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.38	17.72	46.1	74	-27.9	Peak
@	5320	81.88	13.19	95.07	-	-	Average
-	5350.2	32.39	13.22	45.61	54	-8.39	Average
@	5320	90.33	13.19	103.52	-	-	Peak
-	5353.8	44.54	13.23	57.77	74	-16.23	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	28.54	17.72	46.26	74	-27.74	Peak
@	5320	88.91	13.19	102.1	-	-	Average
-	5350.8	39.71	13.22	52.93	54	-1.07	Average
@	5320	100.43	13.19	113.62	-	-	Peak
-	5350.8	55.29	13.22	68.51	74	-5.49	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 183 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.32	18.2	46.52	74	-27.48	Peak
-	5459.85	29.41	13.65	43.06	54	-10.94	Average
-	5459.85	40.89	13.65	54.54	74	-19.46	Peak
-	5465.1	47.27	13.67	60.94	68.2	-7.26	Peak
@	5500	77.4	13.78	91.18	-	-	Average
@	5500	87.07	13.78	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)	
*	11000	28.7	18.2	46.9	74	-27.1	Peak
-	5458.1	32.4	13.65	46.05	54	-7.95	Average
-	5458.1	46.54	13.65	60.19	74	-13.81	Peak
-	5463.35	51.17	13.67	64.84	68.2	-3.36	Peak
@	5500	84.6	13.78	98.38	-	-	Average
@	5500	93.65	13.78	107.43	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 184 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.76	18.24	47	74	-27	Peak
-	5432.2	28.11	13.53	41.64	54	-12.36	Average
-	5432.2	39.88	13.53	53.41	74	-20.59	Peak
-	5460.55	39.3	13.65	52.95	68.2	-15.25	Peak
@	5580	77.2	13.93	91.13	-	-	Average
@	5580	87.96	13.93	101.89	-	-	Peak
-	5748.95	41.11	14.26	55.37	68.2	-12.83	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)	
*	11160	28.42	18.24	46.66	74	-27.34	Peak
-	5449.7	28.49	13.63	42.12	54	-11.88	Average
-	5449.7	41.17	13.63	54.8	74	-19.2	Peak
-	5463	40.61	13.67	54.28	68.2	-13.92	Peak
@	5580	87.9	13.93	101.83	-	-	Average
@	5580	97.62	13.93	111.55	-	-	Peak
-	5730.05	41.24	14.15	55.39	68.2	-12.81	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 185 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.18	18.66	46.84	74	-27.16	Peak
@	5700	76.41	13.99	90.4	-	-	Average
@	5700	86.82	13.99	100.81	-	-	Peak
-	5725.5	45.09	14.13	59.22	68.2	-8.98	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)	
*	11400	29.55	18.66	48.21	74	-25.79	Peak
@	5700	89.21	13.99	103.2	-	-	Average
@	5700	98.87	13.99	112.86	-	-	Peak
-	5727.95	53.02	14.14	67.16	68.2	-1.04	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 186 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.44	18.78	48.22	74	-25.78	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)	
*	11440	28.25	18.78	47.03	74	-26.97	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. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 187 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.56	18.94	48.5	74	-25.5	Peak
-	5648.5	40.79	13.94	54.73	68.2	-13.47	Peak
-	5724	55.27	14.12	69.39	119.92	-50.53	Peak
@	5745	78.9	14.23	93.13	-	-	Average
@	5745	89.24	14.23	103.47	-	-	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)	
*	11490	28.6	18.94	47.54	74	-26.46	Peak
-	5628.5	44.51	13.96	58.47	68.2	-9.73	Peak
-	5721.5	71.14	14.11	85.25	114.22	-28.97	Peak
@	5745	90.2	14.23	104.43	-	-	Average
@	5745	101.17	14.23	115.4	-	-	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 188 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.25	18.81	47.06	74	-26.94	Peak
-	5599	40.18	13.99	54.17	68.2	-14.03	Peak
-	5725	42.69	14.13	56.82	122.2	-65.38	Peak
@	5785	77.8	14.43	92.23	-	-	Average
@	5785	87.54	14.43	101.97	-	-	Peak
-	5912	40.11	14.92	55.03	77.79	-22.76	Peak
-	5928	40.48	14.93	55.41	68.2	-12.79	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	27.42	18.81	46.23	74	-27.77	Peak
-	5621.5	39.8	13.98	53.78	68.2	-14.42	Peak
-	5723.5	55.21	14.11	69.32	118.78	-49.46	Peak
@	5785	90.1	14.43	104.53	-	-	Average
@	5785	100.66	14.43	115.09	-	-	Peak
-	5852.5	45.84	14.76	60.6	116.5	-55.9	Peak
-	6000	40.8	15.11	55.91	68.2	-12.29	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 189 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.89	18.56	46.45	74	-27.55	Peak
@	5825	79.4	14.63	94.03	-	-	Average
@	5825	89.05	14.63	103.68	-	-	Peak
-	5850.5	52.24	14.76	67	121.06	-54.06	Peak
-	5983.5	41.18	15.06	56.24	68.2	-11.96	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)	
*	11650	28.34	18.56	46.9	74	-27.1	Peak
@	5825	89.4	14.63	104.03	-	-	Average
@	5825	99.46	14.63	114.09	-	-	Peak
-	5851.5	65.36	14.76	80.12	118.78	-38.66	Peak
-	5958	42.36	14.99	57.35	68.2	-10.85	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 190 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

802.11ax (HE40)

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	27.64	17.36	45	68.2	-23.2	Peak
-	5149.7	30.59	13.39	43.98	54	-10.02	Average
@	5190	71.65	13.36	85.01	-	-	Average
-	5100.2	41.97	13.43	55.4	74	-18.6	Peak
@	5190	82.05	13.36	95.41	-	-	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)	
-	10380	26.91	17.36	44.27	68.2	-23.93	Peak
-	5149.4	39.56	13.39	52.95	54	-1.05	Average
-	5192	82.08	13.36	95.44	-	-	Average
-	5149.1	50.01	13.39	63.4	74	-10.6	Peak
@	5190	91.65	13.36	105.01	-	-	Peak

Remarks:

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

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 191 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	26.78	17.54	44.32	68.2	-23.88	Peak
-	5055.2	29.81	13.28	43.09	54	-10.91	Average
@	5230	76.65	13.26	89.91	-	-	Average
-	5045.9	42.11	13.23	55.34	74	-18.66	Peak
@	5230	88.64	13.26	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)	
-	10460	27.61	17.54	45.15	68.2	-23.05	Peak
-	5147.3	33.7	13.39	47.09	54	-6.91	Average
@	5230	86.02	13.26	99.28	-	-	Average
-	5136.5	45.77	13.41	59.18	74	-14.82	Peak
@	5230	97.5	13.26	110.76	-	-	Peak

Remarks:

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

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 192 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.56	17.61	45.17	68.2	-23.03	Peak
@	5270	77.41	13.18	90.59	-	-	Average
-	5359.8	29.14	13.24	42.38	54	-11.62	Average
@	5270	87.43	13.18	100.61	-	-	Peak
-	5364	40.39	13.26	53.65	74	-20.35	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)	
-	10540	28.23	17.61	45.84	68.2	-22.36	Peak
-	5271.6	85.55	13.19	98.74	-	-	Average
-	5350.5	33.11	13.22	46.33	54	-7.67	Average
@	5270	98.52	13.18	111.7	-	-	Peak
-	5354.1	49.44	13.23	62.67	74	-11.33	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



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	27.78	17.67	45.45	74	-28.55	Peak
@	5310	74.89	13.17	88.06	-	-	Average
-	5350.2	31.99	13.22	45.21	54	-8.79	Average
@	5310	84.71	13.17	97.88	-	-	Peak
-	5350.2	42.65	13.22	55.87	74	-18.13	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)	
*	10620	28.04	17.67	45.71	74	-28.29	Peak
@	5310	81.42	13.17	94.59	-	-	Average
-	5350.2	39.37	13.22	52.59	54	-1.41	Average
@	5310	92.76	13.17	105.93	-	-	Peak
-	5357.1	52.48	13.24	65.72	74	-8.28	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 194 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	18.24	46.24	74	-27.76	Peak
-	5438.15	28.31	13.56	41.87	54	-12.13	Average
-	5438.15	39.92	13.56	53.48	74	-20.52	Peak
-	5462.65	44.47	13.67	58.14	68.2	-10.06	Peak
@	5510	70.91	13.79	84.7	-	-	Average
@	5510	80.18	13.79	93.97	-	-	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)	
*	11020	28.51	18.24	46.75	74	-27.25	Peak
-	5458.8	31.2	13.65	44.85	54	-9.15	Average
-	5458.8	45.83	13.65	59.48	74	-14.52	Peak
-	5468.6	52.51	13.69	66.2	68.2	-2	Peak
@	5510	82.3	13.79	96.09	-	-	Average
@	5510	92.13	13.79	105.92	-	-	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. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 195 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.79	18.41	46.2	74	-27.8	Peak
-	5458.45	29.3	13.65	42.95	54	-11.05	Average
-	5458.45	41.59	13.65	55.24	74	-18.76	Peak
-	5470	40.05	13.69	53.74	68.2	-14.46	Peak
@	5550	74.81	13.83	88.64	-	-	Average
@	5550	85.71	13.83	99.54	-	-	Peak
-	5742.3	41.41	14.22	55.63	68.2	-12.57	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)	
*	11100	28.62	18.41	47.03	74	-26.97	Peak
-	5450.05	33.56	13.63	47.19	54	-6.81	Average
-	5450.05	47.08	13.63	60.71	74	-13.29	Peak
-	5464.75	47.29	13.67	60.96	68.2	-7.24	Peak
@	5550	87.11	13.83	100.94	-	-	Average
@	5550	97.14	13.83	110.97	-	-	Peak
-	5746.85	43.43	14.24	57.67	68.2	-10.53	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 196 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.47	18.47	46.94	74	-27.06	Peak
@	5670	74.7	13.97	88.67	-	-	Average
@	5670	84.58	13.97	98.55	-	-	Peak
-	5735.3	41.67	14.18	55.85	68.2	-12.35	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)	
*	11340	27.85	18.47	46.32	74	-27.68	Peak
@	5670	85.1	13.97	99.07	-	-	Average
@	5670	95.38	13.97	109.35	-	-	Peak
-	5725.85	49.75	14.13	63.88	68.2	-4.32	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 197 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.88	18.72	46.6	74	-27.4	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	18.72	47.57	74	-26.43	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. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 198 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.34	18.95	47.29	74	-26.71	Peak
-	5640	40.77	13.95	54.72	68.2	-13.48	Peak
-	5725	53.24	14.13	67.37	122.2	-54.83	Peak
@	5755	73.11	14.27	87.38	-	-	Average
@	5755	83.8	14.27	98.07	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11510	27.96	18.95	46.91	74	-27.09	Peak
-	5622.5	44.68	13.98	58.66	68.2	-9.54	Peak
-	5718.5	68.43	14.09	82.52	110.38	-27.86	Peak
@	5755	88.51	14.27	102.78	-	-	Average
@	5755	98.01	14.27	112.28	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 199 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.75	18.76	47.51	74	-26.49	Peak
-	5580.5	39.89	13.93	53.82	68.2	-14.38	Peak
-	5719	40.32	14.1	54.42	110.52	-56.1	Peak
@	5795	72.8	14.48	87.28	-	-	Average
@	5795	83.64	14.48	98.12	-	-	Peak
-	5860.5	40.9	14.79	55.69	109.26	-53.57	Peak
-	5934	41.23	14.94	56.17	68.2	-12.03	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11590	28.34	18.76	47.1	74	-26.9	Peak
-	5642.5	42.74	13.94	56.68	68.2	-11.52	Peak
-	5716.5	49.92	14.09	64.01	109.82	-45.81	Peak
@	5795	85.1	14.48	99.58	-	-	Average
@	5795	95.18	14.48	109.66	-	-	Peak
-	5856	51.1	14.78	65.88	110.52	-44.64	Peak
-	6000.5	41.33	15.11	56.44	68.2	-11.76	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 200 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

802.11ax (HE80)

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	28.16	17.48	45.64	68.2	-22.56	Peak
-	5149.7	29.85	13.39	43.24	54	-10.76	Average
@	5210	68.58	13.32	81.9	-	-	Average
-	5142.5	45.15	13.39	58.54	74	-15.46	Peak
@	5210	81.93	13.32	95.25	-	-	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)	
-	10420	27.78	17.48	45.26	68.2	-22.94	Peak
-	5148.2	37.03	13.38	50.41	54	-3.59	Average
@	5210	78.96	13.32	92.28	-	-	Average
-	5147.9	53.47	13.38	66.85	74	-7.15	Peak
@	5210	91.93	13.32	105.25	-	-	Peak

Remarks:

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

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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 201 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.13	17.63	44.76	68.2	-23.44	Peak
@	5290	70.25	13.17	83.42	-	-	Average
-	5351.7	30.57	13.22	43.79	54	-10.21	Average
@	5290	81.69	13.17	94.86	-	-	Peak
-	5361.6	42.28	13.24	55.52	74	-18.48	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)	
-	10580	28.14	17.63	45.77	68.2	-22.43	Peak
@	5290	78.15	13.17	91.32	-	-	Average
-	5350.2	39.33	13.22	52.55	54	-1.45	Average
@	5290	91	13.17	104.17	-	-	Peak
-	5352.9	51.9	13.23	65.13	74	-8.87	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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 202 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.56	18.33	46.89	74	-27.11	Peak
-	5452.85	28.09	13.64	41.73	54	-12.27	Average
-	5452.85	40.14	13.64	53.78	74	-20.22	Peak
-	5465.45	40.28	13.67	53.95	68.2	-14.25	Peak
-	5524.95	67.1	13.81	80.91	-	-	Average
-	5524.95	76.82	13.81	90.63	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11060	28.03	18.33	46.36	74	-27.64	Peak
-	5452.5	33.6	13.63	47.23	54	-6.77	Average
-	5452.5	50.65	13.63	64.28	74	-9.72	Peak
-	5462.3	52.17	13.66	65.83	68.2	-2.37	Peak
@	5530	82.4	13.81	96.21	-	-	Average
@	5530	92.26	13.81	106.07	-	-	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 203 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.87	18.17	48.04	74	-25.96	Peak
-	5411.55	28.49	13.44	41.93	54	-12.07	Average
-	5411.55	43.05	13.44	56.49	74	-17.51	Peak
-	5468.25	43.15	13.69	56.84	68.2	-11.36	Peak
@	5610	72.1	13.98	86.08	-	-	Average
@	5610	82.12	13.98	96.1	-	-	Peak
-	5732.15	42.71	14.16	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)	
*	11220	27.73	18.17	45.9	74	-28.1	Peak
-	5425.2	30.2	13.5	43.7	54	-10.3	Average
-	5425.2	50.45	13.5	63.95	74	-10.05	Peak
-	5467.2	50.62	13.67	64.29	68.2	-3.91	Peak
@	5610	81.9	13.98	95.88	-	-	Average
@	5610	92.43	13.98	106.41	-	-	Peak
-	5736.35	51.67	14.19	65.86	68.2	-2.34	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 204 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.43	18.59	47.02	74	-26.98	Peak
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11380	28.38	18.59	46.97	74	-27.03	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. " * ": The peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 205 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.77	18.85	46.62	74	-27.38	Peak
-	5638	41.22	13.96	55.18	68.2	-13.02	Peak
-	5723.5	52.75	14.11	66.86	118.78	-51.92	Peak
@	5775	70.3	14.38	84.68	-	-	Average
@	5775	80.42	14.38	94.8	-	-	Peak
-	5872	50.26	14.82	65.08	106.04	-40.96	Peak
-	6000	42.02	15.11	57.13	68.2	-11.07	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11550	27.55	18.85	46.4	74	-27.6	Peak
-	5601	50.03	13.99	64.02	68.2	-4.18	Peak
-	5717	63.92	14.09	78.01	109.96	-31.95	Peak
@	5775	85.4	14.38	99.78	-	-	Average
@	5775	95.53	14.38	109.91	-	-	Peak
-	5865	60.77	14.8	75.57	108	-32.43	Peak
-	5936.5	47.73	14.94	62.67	68.2	-5.53	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 206 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

Beamforming mode

OFDM

802.11ax (HE20)

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	26.76	17.26	44.02	68.2	-24.18	Peak
-	5150	32.6	13.39	45.99	54	-8.01	Average
@	5180	80.68	13.36	94.04	-	-	Average
-	5144.3	48.71	13.39	62.1	74	-11.9	Peak
@	5180	88.04	13.36	101.4	-	-	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	27.31	17.26	44.57	68.2	-23.63	Peak
-	5149.1	39.52	13.39	52.91	54	-1.09	Average
@	5180	92.56	13.36	105.92	-	-	Average
-	5146.4	58.5	13.39	71.89	74	-2.11	Peak
@	5180	100.89	13.36	114.25	-	-	Peak

Remarks:

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

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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 207 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28	17.52	45.52	68.2	-22.68	Peak
-	5147.3	31.12	13.39	44.51	54	-9.49	Average
@	5220	81.88	13.29	95.17	-	-	Average
-	5113.7	43.07	13.41	56.48	74	-17.52	Peak
@	5220	91.29	13.29	104.58	-	-	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)	
-	10440	28.05	17.52	45.57	68.2	-22.63	Peak
-	5149.7	35.79	13.39	49.18	54	-4.82	Average
@	5220	92.61	13.29	105.9	-	-	Average
-	5145.8	42.65	13.39	56.04	74	-17.96	Peak
@	5220	100.76	13.29	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 other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 208 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.38	17.58	44.96	68.2	-23.24	Peak
-	5100.8	30.8	13.43	44.23	54	-9.77	Average
@	5240	83.25	13.23	96.48	-	-	Average
-	5139.5	42.4	13.4	55.8	74	-18.2	Peak
@	5240	94.57	13.23	107.8	-	-	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)	
-	10480	27.03	17.58	44.61	68.2	-23.59	Peak
-	5149.4	33.94	13.39	47.33	54	-6.67	Average
@	5240	92.61	13.23	105.84	-	-	Average
-	5149.7	44.14	13.39	57.53	74	-16.47	Peak
@	5240	102.15	13.23	115.38	-	-	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 209 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.16	17.62	44.78	68.2	-23.42	Peak
@	5260	82.08	13.2	95.28	-	-	Average
-	5361.3	29.29	13.24	42.53	54	-11.47	Average
@	5260	92.86	13.2	106.06	-	-	Peak
-	5376.9	40.46	13.3	53.76	74	-20.24	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)	
-	10520	27.8	17.62	45.42	68.2	-22.78	Peak
@	5260	92.96	13.2	106.16	-	-	Average
-	5350.2	33.04	13.22	46.26	54	-7.74	Average
@	5260	100.87	13.2	114.07	-	-	Peak
-	5353.5	45.85	13.23	59.08	74	-14.92	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. "@": Fundamental Frequency.
5. The other emission levels were very low against the limit.

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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 210 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.79	17.63	45.42	68.2	-22.78	Peak
@	5300	83.32	13.16	96.48	-	-	Average
-	5350.2	31.89	13.22	45.11	54	-8.89	Average
@	5300	93.42	13.16	106.58	-	-	Peak
-	5351.7	43.4	13.22	56.62	74	-17.38	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	26.98	17.63	44.61	68.2	-23.59	Peak
@	5300	92.29	13.16	105.45	-	-	Average
-	5350.8	36.92	13.22	50.14	54	-3.86	Average
@	5300	97.08	13.16	110.24	-	-	Peak
-	5350.8	47.98	13.22	61.2	74	-12.8	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 other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 211 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.98	17.72	45.7	74	-28.3	Peak
@	5320	83.15	13.19	96.34	-	-	Average
-	5350.8	31.6	13.22	44.82	54	-9.18	Average
@	5320	92.63	13.19	105.82	-	-	Peak
-	5354.7	46.48	13.23	59.71	74	-14.29	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)	
*	10640	28.52	17.72	46.24	74	-27.76	Peak
@	5320	90.69	13.19	103.88	-	-	Average
-	5351.1	35.45	13.22	48.67	54	-5.33	Average
@	5320	95.06	13.19	108.25	-	-	Peak
-	5350.2	50.18	13.22	63.4	74	-10.6	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 peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 212 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.49	18.2	46.69	74	-27.31	Peak
-	5450.4	28.4	13.63	42.03	54	-11.97	Average
-	5450.4	43.66	13.63	57.29	74	-16.71	Peak
-	5460.2	48.63	13.65	62.28	68.2	-5.92	Peak
@	5500	78.8	13.78	92.58	-	-	Average
@	5500	89.69	13.78	103.47	-	-	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)	
*	11000	28.41	18.2	46.61	74	-27.39	Peak
-	5456.7	32.18	13.64	45.82	54	-8.18	Average
-	5456.7	50.67	13.64	64.31	74	-9.69	Peak
-	5467.2	52.59	13.67	66.26	68.2	-1.94	Peak
@	5500	88.9	13.78	102.68	-	-	Average
@	5500	98.79	13.78	112.57	-	-	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 213 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.91	18.24	47.15	74	-26.85	Peak
-	5430.1	28.3	13.52	41.82	54	-12.18	Average
-	5430.1	39.88	13.52	53.4	74	-20.6	Peak
-	5465.1	40.12	13.67	53.79	68.2	-14.41	Peak
@	5580	79.8	13.93	93.73	-	-	Average
@	5580	90.31	13.93	104.24	-	-	Peak
-	5739.5	39.36	14.2	53.56	68.2	-14.64	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)	
*	11160	30.51	18.24	48.75	74	-25.25	Peak
-	5459.15	28.3	13.65	41.95	54	-12.05	Average
-	5459.15	42.42	13.65	56.07	74	-17.93	Peak
-	5466.5	42.13	13.67	55.8	68.2	-12.4	Peak
@	5580	90.8	13.93	104.73	-	-	Average
@	5580	100.74	13.93	114.67	-	-	Peak
-	5738.1	42.49	14.19	56.68	68.2	-11.52	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 214 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.76	18.66	46.42	74	-27.58	Peak
@	5700	76.81	13.99	90.8	-	-	Average
@	5700	88.2	13.99	102.19	-	-	Peak
-	5731.8	46.59	14.16	60.75	68.2	-7.45	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)	
*	11400	29.52	18.66	48.18	74	-25.82	Peak
@	5700	91.51	13.99	105.5	-	-	Average
@	5700	101.09	13.99	115.08	-	-	Peak
-	5727.25	52.97	14.14	67.11	68.2	-1.09	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 peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 215 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.14	18.78	47.92	74	-26.08	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)	
*	11440	28.46	18.78	47.24	74	-26.76	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. " * ": The peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 216 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.86	18.94	48.8	74	-25.2	Peak
-	5604.5	41.49	13.98	55.47	68.2	-12.73	Peak
-	5719.5	47.23	14.1	61.33	110.66	-49.33	Peak
@	5745	77.9	14.23	92.13	-	-	Average
@	5745	87.74	14.23	101.97	-	-	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)	
*	11490	28.73	18.94	47.67	74	-26.33	Peak
-	5647	42.32	13.95	56.27	68.2	-11.93	Peak
-	5724.5	58.1	14.13	72.23	121.06	-48.83	Peak
@	5745	87.8	14.23	102.03	-	-	Average
@	5745	97.06	14.23	111.29	-	-	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 217 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.28	18.81	47.09	74	-26.91	Peak
-	5609	40.29	13.98	54.27	68.2	-13.93	Peak
-	5717.5	41.22	14.09	55.31	110.1	-54.79	Peak
@	5785	78.2	14.43	92.63	-	-	Average
@	5785	88.21	14.43	102.64	-	-	Peak
-	5866	41.28	14.8	56.08	107.72	-51.64	Peak
-	6034.5	41.45	15.16	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)	
*	11570	27.58	18.81	46.39	74	-27.61	Peak
-	5600.5	41.12	13.99	55.11	68.2	-13.09	Peak
-	5719	46.05	14.1	60.15	110.52	-50.37	Peak
@	5785	87.3	14.43	101.73	-	-	Average
@	5785	97.27	14.43	111.7	-	-	Peak
-	5850.5	44.92	14.76	59.68	121.06	-61.38	Peak
-	5954.5	41.31	14.98	56.29	68.2	-11.91	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 218 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.18	18.56	46.74	74	-27.26	Peak
@	5825	77.2	14.63	91.83	-	-	Average
@	5825	87.03	14.63	101.66	-	-	Peak
-	5852	43.5	14.76	58.26	117.64	-59.38	Peak
-	6014	40.83	15.13	55.96	68.2	-12.24	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)	
*	11650	28.06	18.56	46.62	74	-27.38	Peak
@	5825	87.4	14.63	102.03	-	-	Average
@	5825	97.89	14.63	112.52	-	-	Peak
-	5851.5	55.63	14.76	70.39	118.78	-48.39	Peak
-	5959	41.37	14.99	56.36	68.2	-11.84	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. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 219 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

802.11ax (HE40)

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	27.31	17.36	44.67	68.2	-23.53	Peak
-	5091.8	30.81	13.4	44.21	54	-9.79	Average
@	5190	70.38	13.36	83.74	-	-	Average
-	5059.4	43.8	13.3	57.1	74	-16.9	Peak
@	5190	81.84	13.36	95.2	-	-	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)	
-	10380	26.85	17.36	44.21	68.2	-23.99	Peak
-	5150	39.55	13.39	52.94	54	-1.06	Average
@	5190	82.29	13.36	95.65	-	-	Average
-	5149.7	53.2	13.39	66.59	74	-7.41	Peak
@	5190	93.49	13.36	106.85	-	-	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 220 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	26.59	17.54	44.13	68.2	-24.07	Peak
-	5091.5	30.88	13.4	44.28	54	-9.72	Average
@	5230	77.11	13.26	90.37	-	-	Average
-	5105.6	42.06	13.43	55.49	74	-18.51	Peak
@	5230	90	13.26	103.26	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10460	27.59	17.54	45.13	68.2	-23.07	Peak
-	5150	35.51	13.39	48.9	54	-5.1	Average
@	5230	86.34	13.26	99.6	-	-	Average
-	5141.9	47.88	13.39	61.27	74	-12.73	Peak
@	5230	94.12	13.26	107.38	-	-	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 221 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.49	17.61	45.1	68.2	-23.1	Peak
@	5270	79.22	13.18	92.4	-	-	Average
-	5351.7	31.49	13.22	44.71	54	-9.29	Average
@	5270	90.74	13.18	103.92	-	-	Peak
-	5377.2	44.08	13.3	57.38	74	-16.62	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)	
-	10540	28.01	17.61	45.62	68.2	-22.58	Peak
@	5270	85.64	13.18	98.82	-	-	Average
-	5350.8	35.51	13.22	48.73	54	-5.27	Average
@	5270	95.1	13.18	108.28	-	-	Peak
-	5351.4	48.58	13.22	61.8	74	-12.2	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



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	27.89	17.67	45.56	74	-28.44	Peak
@	5310	73.24	13.17	86.41	-	-	Average
-	5350.5	30.03	13.22	43.25	54	-10.75	Average
@	5310	84.12	13.17	97.29	-	-	Peak
-	5407.2	40.21	13.41	53.62	74	-20.38	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	27.81	17.67	45.48	74	-28.52	Peak
@	5310	80.69	13.17	93.86	-	-	Average
-	5351.4	36.46	13.22	49.68	54	-4.32	Average
@	5310	91.75	13.17	104.92	-	-	Peak
-	5354.1	46.72	13.23	59.95	74	-14.05	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 223 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.68	18.24	45.92	74	-28.08	Peak
-	5418.9	28.29	13.48	41.77	54	-12.23	Average
-	5418.9	41.16	13.48	54.64	74	-19.36	Peak
-	5465.8	42.58	13.67	56.25	68.2	-11.95	Peak
@	5510	73.4	13.79	87.19	-	-	Average
@	5510	84.65	13.79	98.44	-	-	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)	
*	11020	28.19	18.24	46.43	74	-27.57	Peak
-	5458.45	29.3	13.65	42.95	54	-11.05	Average
-	5458.45	46.81	13.65	60.46	74	-13.54	Peak
-	5468.95	50.1	13.69	63.79	68.2	-4.41	Peak
@	5510	82.1	13.79	95.89	-	-	Average
@	5510	92.79	13.79	106.58	-	-	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 224 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.78	18.41	46.19	74	-27.81	Peak
-	5455.3	30.4	13.64	44.04	54	-9.96	Average
-	5455.3	44.98	13.64	58.62	74	-15.38	Peak
-	5462.65	48.85	13.67	62.52	68.2	-5.68	Peak
@	5550	78.41	13.83	92.24	-	-	Average
@	5550	89.45	13.83	103.28	-	-	Peak
-	5743.35	40.99	14.22	55.21	68.2	-12.99	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)	
*	11100	28.76	18.41	47.17	74	-26.83	Peak
-	5457.4	31.31	13.64	44.95	54	-9.05	Average
-	5457.4	47.91	13.64	61.55	74	-12.45	Peak
-	5465.45	49.74	13.67	63.41	68.2	-4.79	Peak
@	5550	85.11	13.83	98.94	-	-	Average
@	5550	95.77	13.83	109.6	-	-	Peak
-	5732.15	44.68	14.16	58.84	68.2	-9.36	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 225 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.36	18.47	46.83	74	-27.17	Peak
@	5670	76.2	13.97	90.17	-	-	Average
@	5670	86.84	13.97	100.81	-	-	Peak
-	5730.05	48.74	14.15	62.89	68.2	-5.31	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)	
*	11340	28.07	18.47	46.54	74	-27.46	Peak
@	5670	87.4	13.97	101.37	-	-	Average
@	5670	97.26	13.97	111.23	-	-	Peak
-	5727.25	53.09	14.14	67.23	68.2	-0.97	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone : +886-2-7737-3000

Facsimile (FAX) : +886-3-583-7948

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Test report No. : 4789558396-US-R1-V0
Page : 226 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.2	18.72	46.92	74	-27.08	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)	
*	11420	28.58	18.72	47.3	74	-26.7	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 227 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.66	18.95	47.61	74	-26.39	Peak
-	5623	41.99	13.97	55.96	68.2	-12.24	Peak
-	5719.5	54.38	14.1	68.48	110.66	-42.18	Peak
@	5755	75.81	14.27	90.08	-	-	Average
@	5755	85.66	14.27	99.93	-	-	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)	
*	11510	27.72	18.95	46.67	74	-27.33	Peak
-	5645.5	47.19	13.95	61.14	68.2	-7.06	Peak
-	5725	66.84	14.13	80.97	122.2	-41.23	Peak
@	5755	83.31	14.27	97.58	-	-	Average
@	5755	94.04	14.27	108.31	-	-	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 228 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.95	18.76	47.71	74	-26.29	Peak
-	5600.5	40.66	13.99	54.65	68.2	-13.55	Peak
-	5703	41.98	14.01	55.99	106.04	-50.05	Peak
@	5795	76.2	14.48	90.68	-	-	Average
@	5795	86.01	14.48	100.49	-	-	Peak
-	5857	42.56	14.78	57.34	110.24	-52.9	Peak
-	6020	40.57	15.14	55.71	68.2	-12.49	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)	
*	11590	28.63	18.76	47.39	74	-26.61	Peak
-	5650	40.47	13.94	54.41	68.2	-13.79	Peak
-	5716.5	48.39	14.09	62.48	109.82	-47.34	Peak
@	5795	85.1	14.48	99.58	-	-	Average
@	5795	95.16	14.48	109.64	-	-	Peak
-	5850	51.77	14.76	66.53	122.2	-55.67	Peak
-	6018	41.25	15.14	56.39	68.2	-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. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 229 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

802.11ax (HE80)

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	28.53	17.48	46.01	68.2	-22.19	Peak
-	5147.6	29.98	13.38	43.36	54	-10.64	Average
@	5210	63.42	13.32	76.74	-	-	Average
-	5113.4	42.56	13.41	55.97	74	-18.03	Peak
@	5210	79.16	13.32	92.48	-	-	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)	
-	10420	27.61	17.48	45.09	68.2	-23.11	Peak
-	5150	39.58	13.39	52.97	54	-1.03	Average
@	5210	74.25	13.32	87.57	-	-	Average
-	5144.9	51.16	13.39	64.55	74	-9.45	Peak
@	5210	91.11	13.32	104.43	-	-	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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 230 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.32	17.63	44.95	68.2	-23.25	Peak
@	5290	64.74	13.17	77.91	-	-	Average
-	5350.2	30.99	13.22	44.21	54	-9.79	Average
@	5290	81.4	13.17	94.57	-	-	Peak
-	5355.6	42.73	13.24	55.97	74	-18.03	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10580	28.32	17.63	45.95	68.2	-22.25	Peak
@	5290	74.31	13.17	87.48	-	-	Average
-	5351.1	39.71	13.22	52.93	54	-1.07	Average
@	5290	90.58	13.17	103.75	-	-	Peak
-	5356.2	52.59	13.24	65.83	74	-8.17	Peak

Remarks:

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

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 231 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.86	18.33	47.19	74	-26.81	Peak
-	5445.85	28.2	13.6	41.8	54	-12.2	Average
-	5445.85	41.59	13.6	55.19	74	-18.81	Peak
-	5467.9	41.93	13.69	55.62	68.2	-12.58	Peak
@	5530	70.8	13.81	84.61	-	-	Average
@	5530	81.26	13.81	95.07	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11060	27.84	18.33	46.17	74	-27.83	Peak
-	5459.15	32.3	13.65	45.95	54	-8.05	Average
-	5459.15	50.89	13.65	64.54	74	-9.46	Peak
-	5465.8	49.45	13.67	63.12	68.2	-5.08	Peak
@	5530	80.1	13.81	93.91	-	-	Average
@	5530	90.02	13.81	103.83	-	-	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 232 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.53	18.17	47.7	74	-26.3	Peak
-	5428.35	28.31	13.51	41.82	54	-12.18	Average
-	5428.35	41.97	13.51	55.48	74	-18.52	Peak
-	5466.85	42.19	13.67	55.86	68.2	-12.34	Peak
@	5610	74.2	13.98	88.18	-	-	Average
@	5610	84.6	13.98	98.58	-	-	Peak
-	5727.95	41.43	14.14	55.57	68.2	-12.63	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11220	27.64	18.17	45.81	74	-28.19	Peak
-	5458.45	30.3	13.65	43.95	54	-10.05	Average
-	5458.45	46.76	13.65	60.41	74	-13.59	Peak
-	5467.9	46.75	13.69	60.44	68.2	-7.76	Peak
@	5610	84.9	13.98	98.88	-	-	Average
@	5610	94.05	13.98	108.03	-	-	Peak
-	5736.7	50.82	14.19	65.01	68.2	-3.19	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 233 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.66	18.59	47.25	74	-26.75	Peak
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11380	28.27	18.59	46.86	74	-27.14	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. " * ": The peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 234 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.75	18.85	46.6	74	-27.4	Peak
-	5629.5	42.78	13.97	56.75	68.2	-11.45	Peak
-	5710.5	52	14.05	66.05	108.14	-42.09	Peak
@	5775	72.3	14.38	86.68	-	-	Average
@	5775	82.3	14.38	96.68	-	-	Peak
-	5854.5	50.76	14.78	65.54	111.94	-46.4	Peak
-	5942.5	42.86	14.95	57.81	68.2	-10.39	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)	
*	11550	27.63	18.85	46.48	74	-27.52	Peak
-	5643	51.78	13.94	65.72	68.2	-2.48	Peak
-	5719	64.51	14.1	78.61	110.52	-31.91	Peak
@	5775	81.2	14.38	95.58	-	-	Average
@	5775	91.53	14.38	105.91	-	-	Peak
-	5851.5	61.09	14.76	75.85	118.78	-42.93	Peak
-	5929.5	48.01	14.94	62.95	68.2	-5.25	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 235 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

OFDMA
802.11ax (HE20)

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	26.94	17.26	44.2	68.2	-24	Peak
-	5045.6	29.88	13.23	43.11	54	-10.89	Average
@	5180	75.24	13.36	88.6	-	-	Average
-	5150	42.18	13.39	55.57	74	-18.43	Peak
@	5180	87.32	13.36	100.68	-	-	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)	
-	10360	27.66	17.26	44.92	68.2	-23.28	Peak
-	5148.8	33.67	13.38	47.05	54	-6.95	Average
@	5180	87.24	13.36	100.6	-	-	Average
-	5146.1	50.21	13.39	63.6	74	-10.4	Peak
@	5180	98.4	13.36	111.76	-	-	Peak

Remarks:

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

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 236 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.93	17.52	45.45	68.2	-22.75	Peak
-	5149.1	29.83	13.39	43.22	54	-10.78	Average
@	5220	78.59	13.29	91.88	-	-	Average
-	5125.4	42.83	13.41	56.24	74	-17.76	Peak
@	5220	92.43	13.29	105.72	-	-	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)	
-	10440	28.27	17.52	45.79	68.2	-22.41	Peak
-	5147.6	33.43	13.38	46.81	54	-7.19	Average
@	5220	88.92	13.29	102.21	-	-	Average
-	5149.4	43.94	13.39	57.33	74	-16.67	Peak
@	5220	99.46	13.29	112.75	-	-	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 other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 237 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.4	17.58	44.98	68.2	-23.22	Peak
-	5043.8	29.95	13.21	43.16	54	-10.84	Average
@	5240	78.71	13.23	91.94	-	-	Average
-	5099.9	42.12	13.43	55.55	74	-18.45	Peak
@	5240	90.8	13.23	104.03	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10480	27.09	17.58	44.67	68.2	-23.53	Peak
-	5144	32.09	13.39	45.48	54	-8.52	Average
@	5240	89.95	13.23	103.18	-	-	Average
-	5149.4	44.83	13.39	58.22	74	-15.78	Peak
@	5240	103.05	13.23	116.28	-	-	Peak

Remarks:

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

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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 238 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.32	17.62	44.94	68.2	-23.26	Peak
@	5260	80.41	13.2	93.61	-	-	Average
-	5352	28.73	13.22	41.95	54	-12.05	Average
@	5260	94.48	13.2	107.68	-	-	Peak
-	5455.8	40	13.64	53.64	74	-20.36	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)	
-	10520	28.42	17.62	46.04	68.2	-22.16	Peak
@	5260	89.58	13.2	102.78	-	-	Average
-	5351.7	31.79	13.22	45.01	54	-8.99	Average
@	5260	101.71	13.2	114.91	-	-	Peak
-	5352.3	44.16	13.22	57.38	74	-16.62	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 other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 239 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.72	17.63	45.35	68.2	-22.85	Peak
@	5300	79.28	13.16	92.44	-	-	Average
-	5351.4	29	13.22	42.22	54	-11.78	Average
@	5300	90.61	13.16	103.77	-	-	Peak
-	5354.7	41.92	13.23	55.15	74	-18.85	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)	
-	10600	27.57	17.63	45.2	68.2	-23	Peak
@	5300	89.14	13.16	102.3	-	-	Average
-	5351.4	34.32	13.22	47.54	54	-6.46	Average
@	5300	100.14	13.16	113.3	-	-	Peak
-	5355.3	53.24	13.24	66.48	74	-7.52	Peak

Remarks:

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

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 240 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.25	17.72	45.97	74	-28.03	Peak
@	5320	78.28	13.19	91.47	-	-	Average
-	5350.2	30.34	13.22	43.56	54	-10.44	Average
@	5320	89.2	13.19	102.39	-	-	Peak
-	5354.7	45.03	13.23	58.26	74	-15.74	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)	
*	10640	28.67	17.72	46.39	74	-27.61	Peak
@	5320	89.27	13.19	102.46	-	-	Average
-	5350.2	39.85	13.22	53.07	54	-0.93	Average
@	5320	99.45	13.19	112.64	-	-	Peak
-	5352.9	56.21	13.23	69.44	74	-4.56	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 241 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.43	18.2	46.63	74	-27.37	Peak
-	5450.05	29.1	13.63	42.73	54	-11.27	Average
-	5450.05	41.24	13.63	54.87	74	-19.13	Peak
-	5460.55	44.02	13.65	57.67	68.2	-10.53	Peak
@	5500	78.9	13.78	92.68	-	-	Average
@	5500	88.27	13.78	102.05	-	-	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)	
*	11000	28.75	18.2	46.95	74	-27.05	Peak
-	5454.95	32.1	13.64	45.74	54	-8.26	Average
-	5454.95	50.36	13.64	64	74	-10	Peak
-	5465.1	52.75	13.67	66.42	68.2	-1.78	Peak
@	5500	86.9	13.78	100.68	-	-	Average
@	5500	96.19	13.78	109.97	-	-	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 242 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.64	18.24	46.88	74	-27.12	Peak
-	5404.55	28.19	13.4	41.59	54	-12.41	Average
-	5404.55	41.77	13.4	55.17	74	-18.83	Peak
-	5466.15	40.06	13.67	53.73	68.2	-14.47	Peak
@	5580	80.1	13.93	94.03	-	-	Average
@	5580	90.56	13.93	104.49	-	-	Peak
-	5737.4	41.96	14.19	56.15	68.2	-12.05	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)	
*	11160	28.61	18.24	46.85	74	-27.15	Peak
-	5446.2	28.61	13.6	42.21	54	-11.79	Average
-	5446.2	40.01	13.6	53.61	74	-20.39	Peak
-	5468.25	41.19	13.69	54.88	68.2	-13.32	Peak
@	5580	88.4	13.93	102.33	-	-	Average
@	5580	98.6	13.93	112.53	-	-	Peak
-	5725.5	41.15	14.13	55.28	68.2	-12.92	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. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 243 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.24	18.66	46.9	74	-27.1	Peak
@	5700	77.91	13.99	91.9	-	-	Average
@	5700	87.31	13.99	101.3	-	-	Peak
-	5733.2	43.79	14.17	57.96	68.2	-10.24	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)	
*	11400	29.64	18.66	48.3	74	-25.7	Peak
@	5700	90.13	13.99	104.12	-	-	Average
@	5700	100.68	13.99	114.67	-	-	Peak
-	5726.9	53.01	14.14	67.15	68.2	-1.05	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 244 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.55	18.78	48.33	74	-25.67	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)	
*	11440	28.39	18.78	47.17	74	-26.83	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 245 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.65	18.94	48.59	74	-25.41	Peak
-	5601.5	41.39	13.99	55.38	68.2	-12.82	Peak
-	5722.5	56.03	14.11	70.14	116.5	-46.36	Peak
@	5745	79.8	14.23	94.03	-	-	Average
@	5745	89.59	14.23	103.82	-	-	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)	
*	11490	28.72	18.94	47.66	74	-26.34	Peak
-	5648.5	44.71	13.94	58.65	68.2	-9.55	Peak
-	5720	68.86	14.1	82.96	110.8	-27.84	Peak
@	5745	89.3	14.23	103.53	-	-	Average
@	5745	99.51	14.23	113.74	-	-	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 246 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.31	18.81	47.12	74	-26.88	Peak
-	5615.5	40.42	13.98	54.4	68.2	-13.8	Peak
-	5722.5	43.55	14.11	57.66	116.5	-58.84	Peak
@	5785	78.4	14.43	92.83	-	-	Average
@	5785	88.86	14.43	103.29	-	-	Peak
-	5901	40.34	14.91	55.25	85.92	-30.67	Peak
-	5997	40.74	15.1	55.84	68.2	-12.36	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)	
*	11570	27.51	18.81	46.32	74	-27.68	Peak
-	5617.5	41.01	13.97	54.98	68.2	-13.22	Peak
-	5711	51.88	14.05	65.93	108.28	-42.35	Peak
@	5785	88.4	14.43	102.83	-	-	Average
@	5785	98.6	14.43	113.03	-	-	Peak
-	5853.5	44.88	14.77	59.65	114.22	-54.57	Peak
-	5926	40.44	14.93	55.37	68.2	-12.83	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 247 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.86	18.56	46.42	74	-27.58	Peak
@	5825	80.7	14.63	95.33	-	-	Average
@	5825	90.93	14.63	105.56	-	-	Peak
-	5851.5	53.67	14.76	68.43	118.78	-50.35	Peak
-	5976	41.24	15.03	56.27	68.2	-11.93	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)	
*	11650	28.28	18.56	46.84	74	-27.16	Peak
@	5825	87.5	14.63	102.13	-	-	Average
@	5825	97.3	14.63	111.93	-	-	Peak
-	5850	62.5	14.76	77.26	122.2	-44.94	Peak
-	5942.5	41.01	14.95	55.96	68.2	-12.24	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 248 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

802.11ax (HE40)

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	27.75	17.36	45.11	68.2	-23.09	Peak
-	5147.6	30.13	13.38	43.51	54	-10.49	Average
@	5190	69.64	13.36	83	-	-	Average
-	5145.8	42.47	13.39	55.86	74	-18.14	Peak
@	5190	82.03	13.36	95.39	-	-	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)	
-	10380	26.76	17.36	44.12	68.2	-24.08	Peak
-	5149.7	39.54	13.39	52.93	54	-1.07	Average
@	5190	80.81	13.36	94.17	-	-	Average
-	5148.5	49.01	13.38	62.39	74	-11.61	Peak
@	5190	91.51	13.36	104.87	-	-	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 249 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	26.59	17.54	44.13	68.2	-24.07	Peak
-	5072.3	29.73	13.34	43.07	54	-10.93	Average
@	5230	75.04	13.26	88.3	-	-	Average
-	5118.5	42.71	13.41	56.12	74	-17.88	Peak
@	5230	87.75	13.26	101.01	-	-	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	27.48	17.54	45.02	68.2	-23.18	Peak
-	5147.6	33.95	13.38	47.33	54	-6.67	Average
@	5230	85.64	13.26	98.9	-	-	Average
-	5137.4	46.77	13.41	60.18	74	-13.82	Peak
@	5230	96.68	13.26	109.94	-	-	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 other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 250 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.48	17.61	45.09	68.2	-23.11	Peak
@	5270	75.96	13.18	89.14	-	-	Average
-	5361.3	28.48	13.24	41.72	54	-12.28	Average
@	5270	89.82	13.18	103	-	-	Peak
-	5366.7	40.47	13.26	53.73	74	-20.27	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	28.1	17.61	45.71	68.2	-22.49	Peak
@	5270	85.97	13.18	99.15	-	-	Average
-	5350.8	33.41	13.22	46.63	54	-7.37	Average
@	5270	98.22	13.18	111.4	-	-	Peak
-	5364	50.71	13.26	63.97	74	-10.03	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.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



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	27.66	17.67	45.33	74	-28.67	Peak
@	5310	72.04	13.17	85.21	-	-	Average
-	5350.2	29.85	13.22	43.07	54	-10.93	Average
@	5310	84.77	13.17	97.94	-	-	Peak
-	5350.2	41.76	13.22	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)	
*	10620	27.93	17.67	45.6	74	-28.4	Peak
@	5310	81.81	13.17	94.98	-	-	Average
-	5350.5	39.56	13.22	52.78	54	-1.22	Average
@	5310	94.39	13.17	107.56	-	-	Peak
-	5355	53.38	13.24	66.62	74	-7.38	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 252 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.87	18.24	46.11	74	-27.89	Peak
-	5444.1	28.1	13.6	41.7	54	-12.3	Average
-	5444.1	41.32	13.6	54.92	74	-19.08	Peak
-	5467.9	44.85	13.69	58.54	68.2	-9.66	Peak
@	5510	74.2	13.79	87.99	-	-	Average
@	5510	84.22	13.79	98.01	-	-	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	28.32	18.24	46.56	74	-27.44	Peak
-	5457.75	31.5	13.65	45.15	54	-8.85	Average
-	5457.75	46.24	13.65	59.89	74	-14.11	Peak
-	5469.3	49.62	13.69	63.31	68.2	-4.89	Peak
@	5510	81.2	13.79	94.99	-	-	Average
@	5510	91.71	13.79	105.5	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 253 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.7	18.41	46.11	74	-27.89	Peak
-	5457.05	29.11	13.64	42.75	54	-11.25	Average
-	5457.05	41.38	13.64	55.02	74	-18.98	Peak
-	5463.35	41.16	13.67	54.83	68.2	-13.37	Peak
@	5550	74.21	13.83	88.04	-	-	Average
@	5550	84.76	13.83	98.59	-	-	Peak
-	5728.65	40.61	14.14	54.75	68.2	-13.45	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)	
*	11100	28.48	18.41	46.89	74	-27.11	Peak
-	5457.4	33.23	13.64	46.87	54	-7.13	Average
-	5457.4	48.93	13.64	62.57	74	-11.43	Peak
-	5469.3	48.94	13.69	62.63	68.2	-5.57	Peak
@	5550	85.21	13.83	99.04	-	-	Average
@	5550	95.84	13.83	109.67	-	-	Peak
-	5727.6	44.09	14.14	58.23	68.2	-9.97	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 254 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.31	18.47	46.78	74	-27.22	Peak
@	5670	74.3	13.97	88.27	-	-	Average
@	5670	84.06	13.97	98.03	-	-	Peak
-	5726.55	44.27	14.14	58.41	68.2	-9.79	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	27.74	18.47	46.21	74	-27.79	Peak
@	5670	85.3	13.97	99.27	-	-	Average
@	5670	95.65	13.97	109.62	-	-	Peak
-	5740.9	51.95	14.21	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 255 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.75	18.72	46.47	74	-27.53	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11420	28.7	18.72	47.42	74	-26.58	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. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 256 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.22	18.95	47.17	74	-26.83	Peak
-	5565.5	40.04	13.88	53.92	68.2	-14.28	Peak
-	5723	53.68	14.11	67.79	117.64	-49.85	Peak
@	5755	74.61	14.27	88.88	-	-	Average
@	5755	84.74	14.27	99.01	-	-	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	27.77	18.95	46.72	74	-27.28	Peak
-	5640.5	44.46	13.95	58.41	68.2	-9.79	Peak
-	5724	66.64	14.12	80.76	119.92	-39.16	Peak
@	5755	85.11	14.27	99.38	-	-	Average
@	5755	95.08	14.27	109.35	-	-	Peak

Remarks:

1. Result value (dBuV/m) = Reading value (dBuV/m) + Correction Factor (dB/m).
2. Margin(dB) = Result value (dBuV/m) - Limit value (dBuV/m).
3. Correction Factor (dB/m) = Antenna Factor (dBuV/m) + Cable Loss (dB) - Preamp Factor (dB).
4. "@": Fundamental Frequency.
5. " * ": The peak result under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 257 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.57	18.76	47.33	74	-26.67	Peak
-	5634.5	39.55	13.96	53.51	68.2	-14.69	Peak
-	5711.5	41.74	14.06	55.8	108.42	-52.62	Peak
@	5795	74.6	14.48	89.08	-	-	Average
@	5795	85.51	14.48	99.99	-	-	Peak
-	5854.5	44.76	14.78	59.54	111.94	-52.4	Peak
-	5998	42.08	15.11	57.19	68.2	-11.01	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	28.23	18.76	46.99	74	-27.01	Peak
-	5620.5	40.59	13.97	54.56	68.2	-13.64	Peak
-	5716	50.16	14.07	64.23	109.68	-45.45	Peak
@	5795	84.1	14.48	98.58	-	-	Average
@	5795	94.31	14.48	108.79	-	-	Peak
-	5850	52.57	14.76	67.33	122.2	-54.87	Peak
-	5936.5	40.45	14.94	55.39	68.2	-12.81	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 258 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

802.11ax (HE80)

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	28	17.48	45.48	68.2	-22.72	Peak
-	5122.7	29.85	13.41	43.26	54	-10.74	Average
@	5210	68.98	13.32	82.3	-	-	Average
-	5137.1	44.39	13.41	57.8	74	-16.2	Peak
@	5210	83.77	13.32	97.09	-	-	Peak
Antenna Polarity & Test Distance: Vertical at 3 m							
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
-	10420	27.63	17.48	45.11	68.2	-23.09	Peak
-	5148.5	39.2	13.38	52.58	54	-1.42	Average
@	5210	78.24	13.32	91.56	-	-	Average
-	5148.8	59.18	13.38	72.56	74	-1.44	Peak
@	5210	92.92	13.32	106.24	-	-	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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 259 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27	17.63	44.63	68.2	-23.57	Peak
@	5290	68.49	13.17	81.66	-	-	Average
-	5355	29.57	13.24	42.81	54	-11.19	Average
@	5290	82.22	13.17	95.39	-	-	Peak
-	5354.4	42.23	13.23	55.46	74	-18.54	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	27.99	17.63	45.62	68.2	-22.58	Peak
@	5290	78.64	13.17	91.81	-	-	Average
-	5350.8	39.44	13.22	52.66	54	-1.34	Average
@	5290	90.84	13.17	104.01	-	-	Peak
-	5358.6	53.93	13.25	67.18	74	-6.82	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 other emission levels were very low against the limit.

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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 260 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.37	18.33	46.7	74	-27.3	Peak
-	5422.75	28.21	13.48	41.69	54	-12.31	Average
-	5422.75	39.73	13.48	53.21	74	-20.79	Peak
-	5463.35	40.05	13.67	53.72	68.2	-14.48	Peak
@	5530	67.5	13.81	81.31	-	-	Average
@	5530	77.04	13.81	90.85	-	-	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)	
*	11060	27.87	18.33	46.2	74	-27.8	Peak
-	5457.4	33.11	13.64	46.75	54	-7.25	Average
-	5457.4	48.94	13.64	62.58	74	-11.42	Peak
-	5466.85	49.77	13.67	63.44	68.2	-4.76	Peak
@	5530	80.1	13.81	93.91	-	-	Average
@	5530	89.79	13.81	103.6	-	-	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 peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

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Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 261 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	29.76	18.17	47.93	74	-26.07	Peak
-	5435.35	28.3	13.55	41.85	54	-12.15	Average
-	5435.35	41.38	13.55	54.93	74	-19.07	Peak
-	5463	41.37	13.67	55.04	68.2	-13.16	Peak
@	5610	71.3	13.98	85.28	-	-	Average
@	5610	81.93	13.98	95.91	-	-	Peak
-	5738.1	42.02	14.19	56.21	68.2	-11.99	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)	
*	11220	27.67	18.17	45.84	74	-28.16	Peak
-	5459.5	30.91	13.65	44.56	54	-9.44	Average
-	5459.5	48.22	13.65	61.87	74	-12.13	Peak
-	5467.55	49.01	13.68	62.69	68.2	-5.51	Peak
@	5610	84.2	13.98	98.18	-	-	Average
@	5610	94.31	13.98	108.29	-	-	Peak
-	5732.5	51.67	14.17	65.84	68.2	-2.36	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 under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
6. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 262 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	28.48	18.59	47.07	74	-26.93	Peak
Notation	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
*	11380	28.29	18.59	46.88	74	-27.12	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. " * ": The peak result under 20 dB above and complies with AVG limit, AVG result is deemed to comply with AVG limit.
5. The other emission levels were very low against the limit.

Underwriters Laboratories Taiwan Co., Ltd.

Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

Telephone :+886-2-7737-3000

Facsimile (FAX) :+886-3-583-7948

Doc No: 17-EM-F0878 / 5.0



Test report No. : 4789558396-US-R1-V0
Page : 263 of 393
Issued date : Mar. 16, 2021
FCC ID : RYK-WNFB266AXIBT

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	27.74	18.85	46.59	74	-27.41	Peak
-	5628.5	41.9	13.96	55.86	68.2	-12.34	Peak
-	5717	50.53	14.09	64.62	109.96	-45.34	Peak
@	5775	72.1	14.38	86.48	-	-	Average
@	5775	82.94	14.38	97.32	-	-	Peak
-	5855	46.11	14.78	60.89	110.8	-49.91	Peak
-	5950	43.77	14.96	58.73	68.2	-9.47	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)	
*	11550	27.6	18.85	46.45	74	-27.55	Peak
-	5629	49.48	13.97	63.45	68.2	-4.75	Peak
-	5724	62.57	14.12	76.69	119.92	-43.23	Peak
@	5775	82.3	14.38	96.68	-	-	Average
@	5775	92.1	14.38	106.48	-	-	Peak
-	5851.5	58.53	14.76	73.29	118.78	-45.49	Peak
-	5953.5	47.74	14.97	62.71	68.2	-5.49	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 under 20 dB above and 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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Building B and Building E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan

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