

Fig.20 Occupied 26dB Bandwidth (802.11n-HT40, 5230MHz)

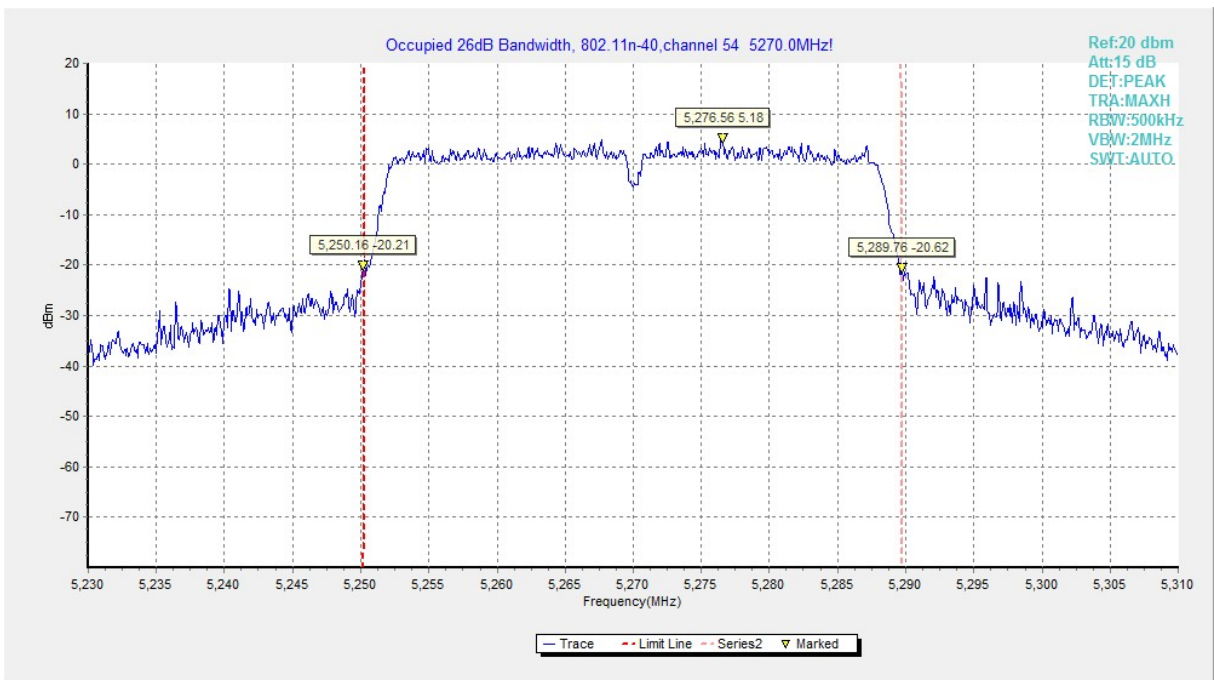


Fig.21 Occupied 26dB Bandwidth (802.11n-HT40, 5270MHz)

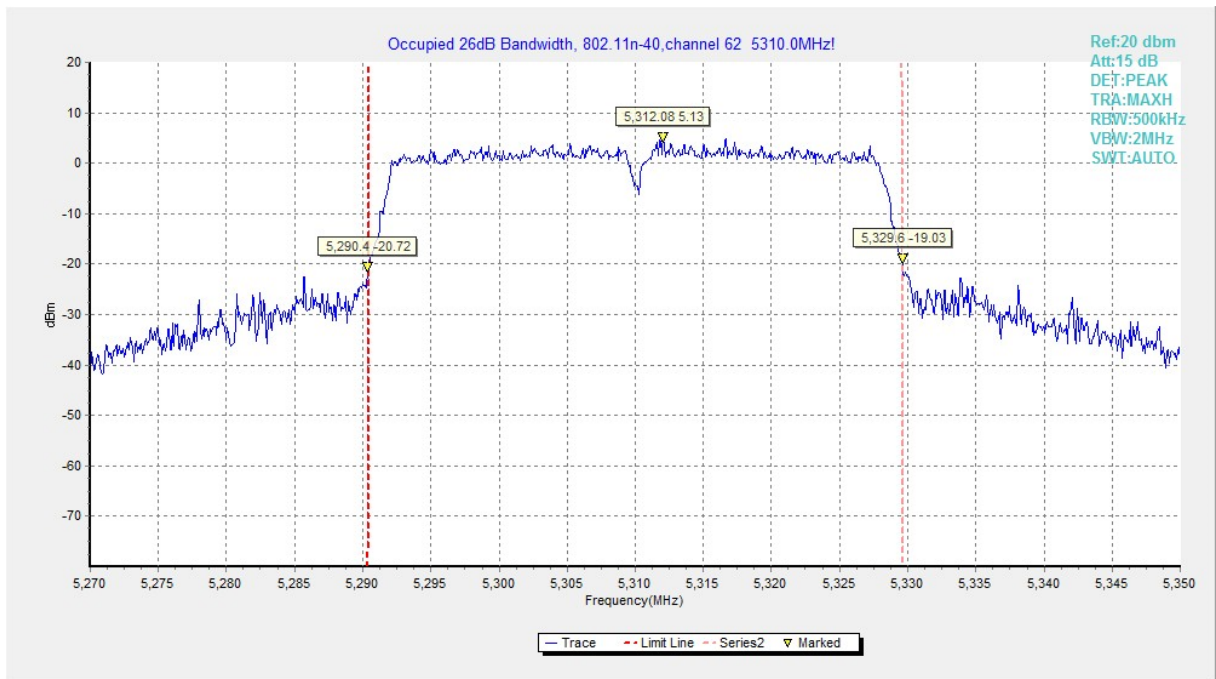


Fig.22 Occupied 26dB Bandwidth (802.11n-HT40, 5310MHz)

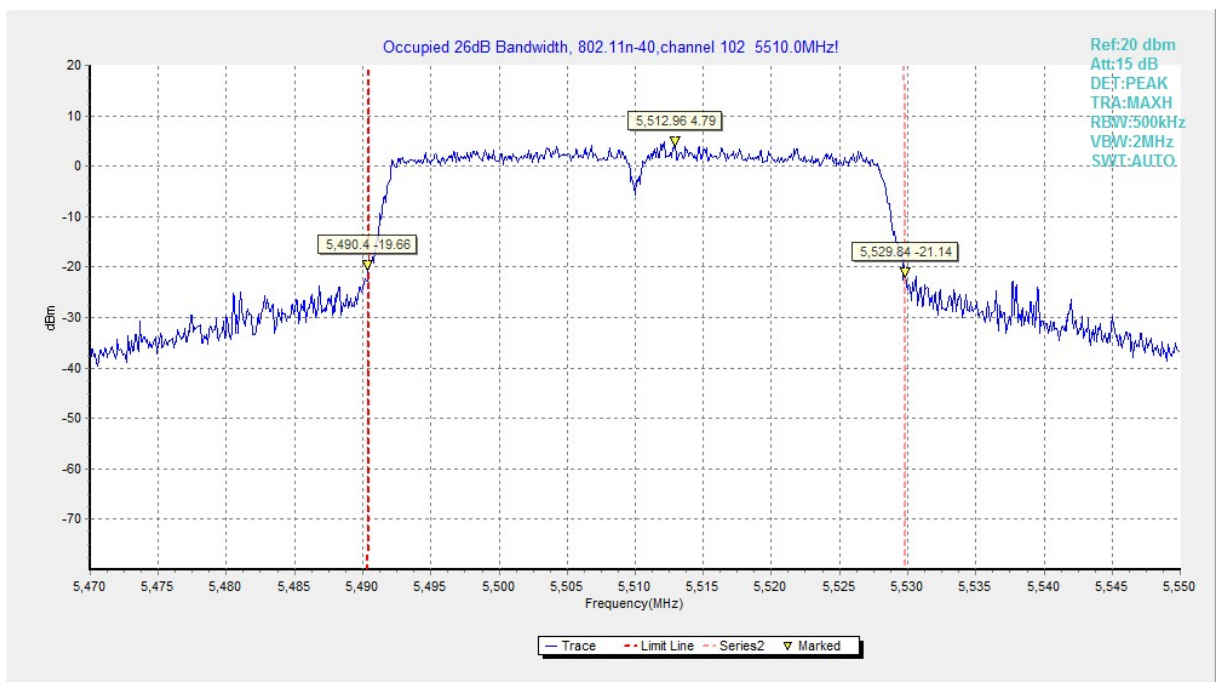


Fig.23 Occupied 26dB Bandwidth (802.11n-HT40, 5510MHz)

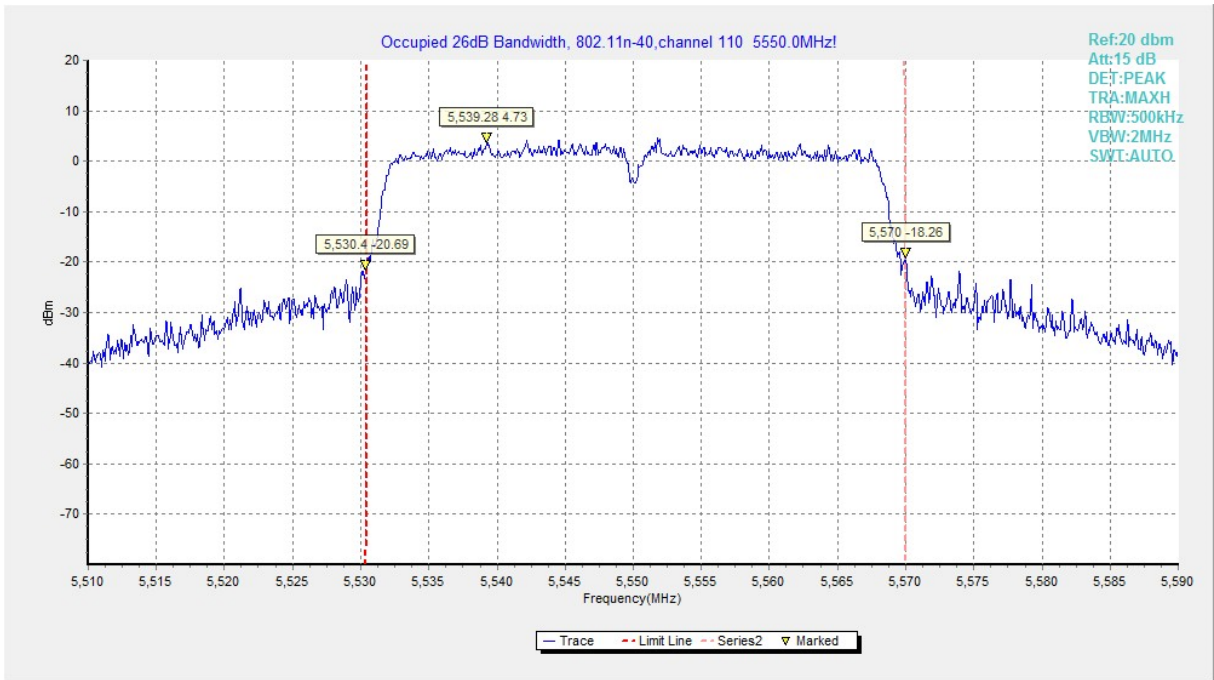


Fig.24 Occupied 26dB Bandwidth (802. 11n-HT40, 5590MHz)

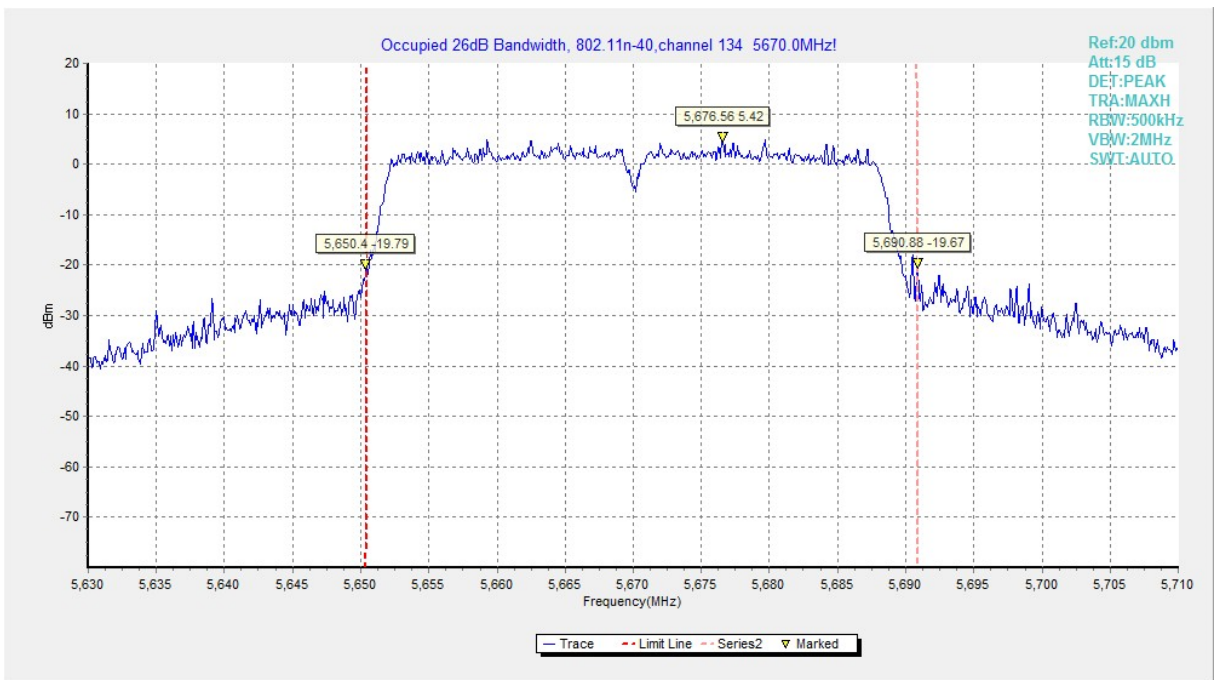


Fig.25 Occupied 26dB Bandwidth (802. 11n-HT40, 5670MHz)

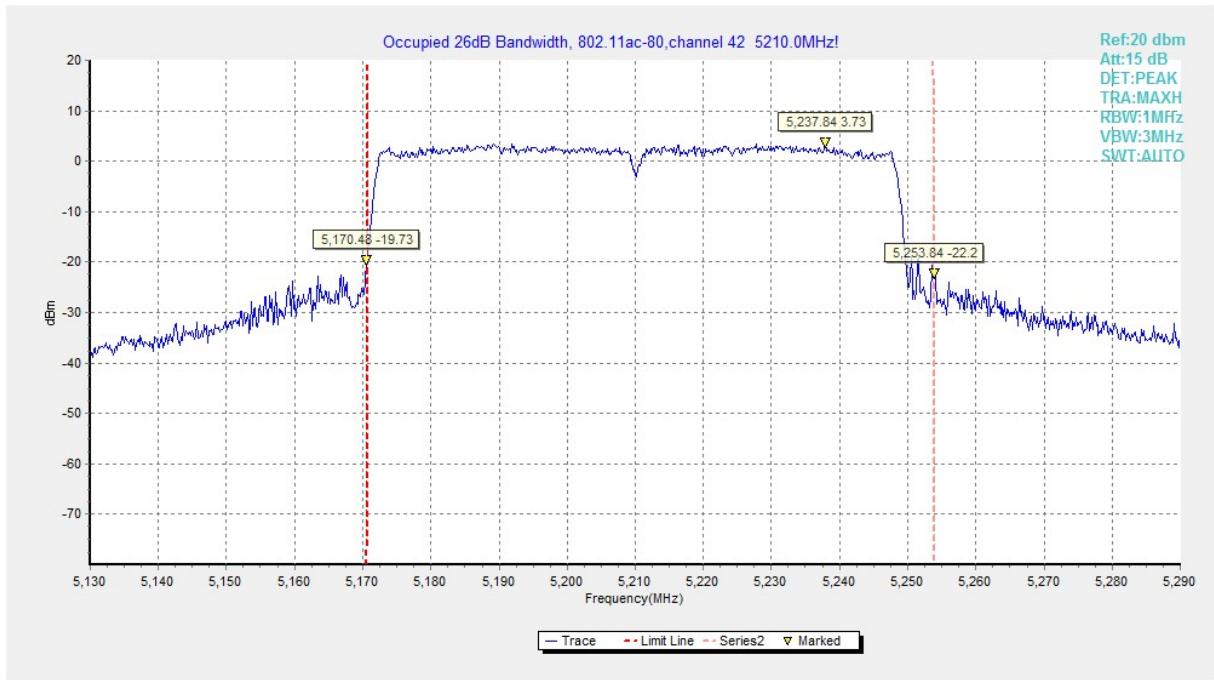


Fig.26 Occupied 26dB Bandwidth (802. 11ac-HT80, 5210MHz)

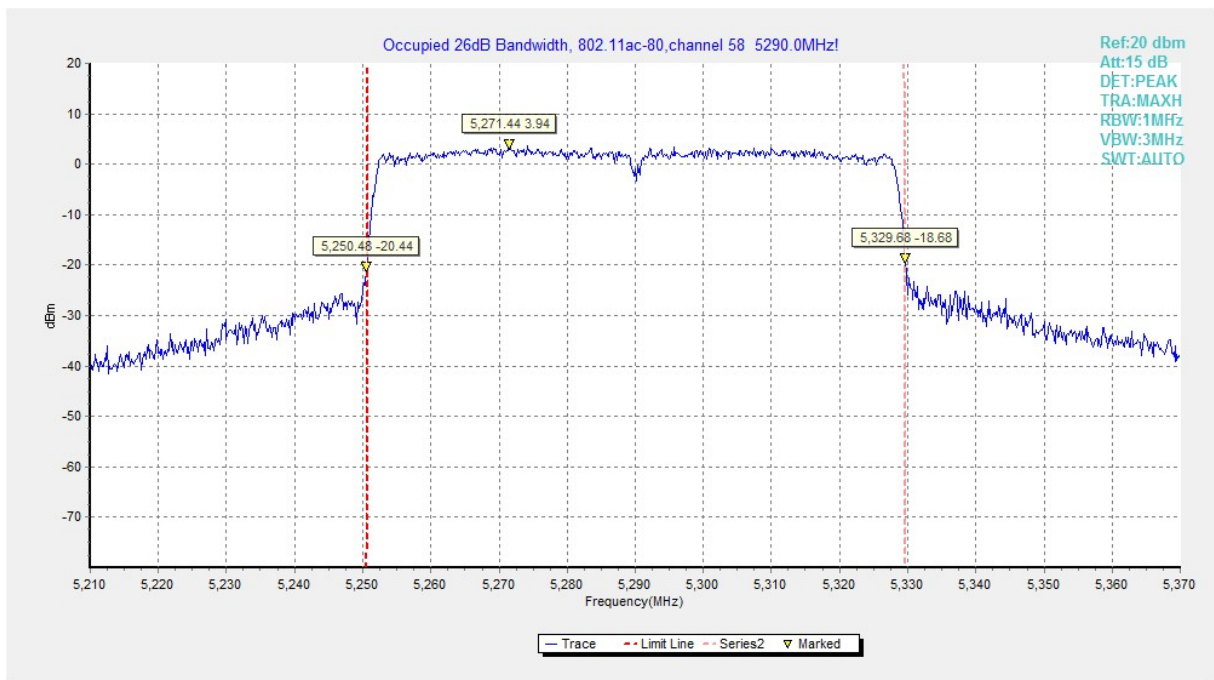


Fig.27 Occupied 26dB Bandwidth (802. 11ac-HT80, 5290MHz)

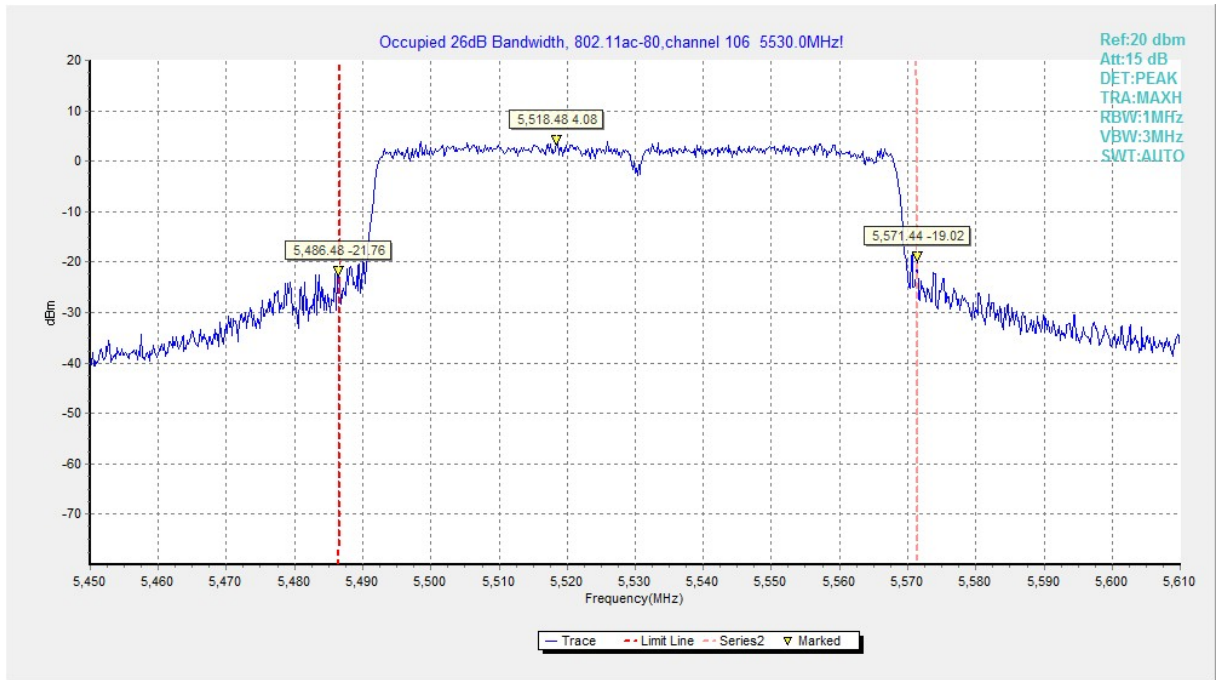


Fig.28 Occupied 26dB Bandwidth (802. 11ac-HT80, 5530MHz)

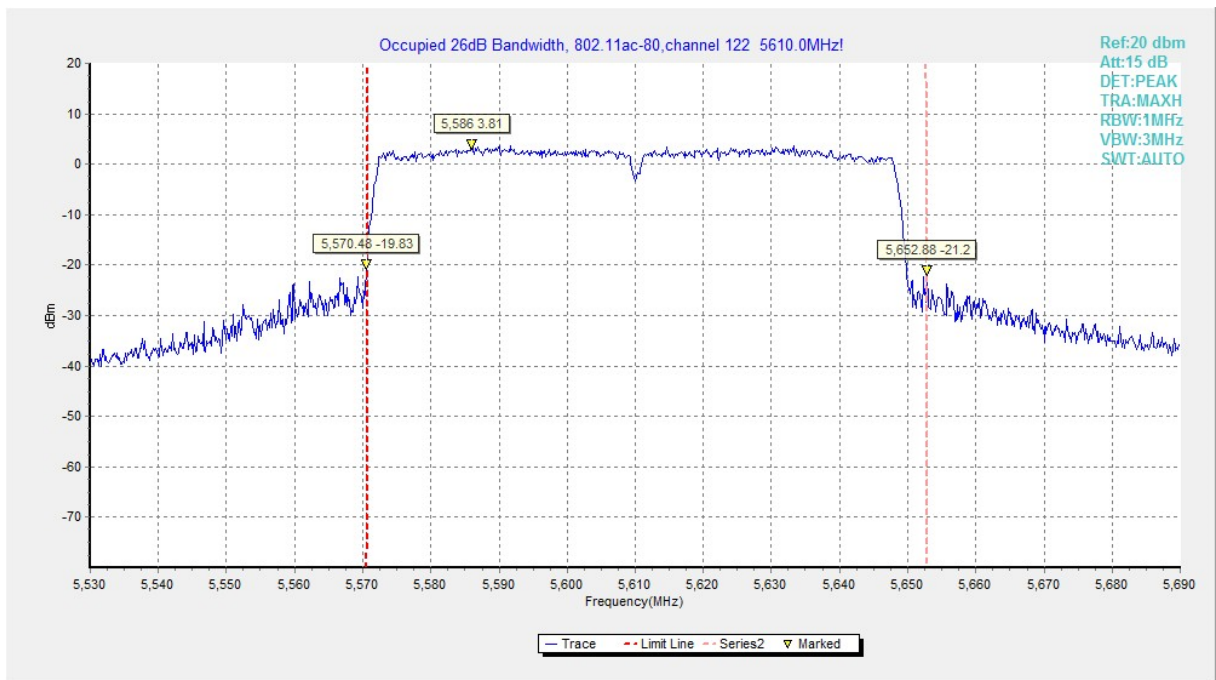


Fig.29 Occupied 26dB Bandwidth (802. 11ac-HT80, 5610MHz)

A.5. Band Edges Compliance

A5.1 Band Edges - Radiated

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.407	-27 dBm/MHz

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Limit in restricted band:

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)	Measurement distance(m)
Above 960	500	54	3

The measurement is made according to ANSI C63.10-2013 and KDB 789033

Set up:

Tabletop devices shall be placed on a nonconducting platform with nominal top surface dimensions 1 m by 1.5 m and the table height shall be 1.5 m.

The EUT and transmitting antenna shall be centered on the turntable.

Test Procedure

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. The test is carried out on both vertical and horizontal polarization and only maximization result of both polarizations is kept. During the test, the turntable is rotated 360° and the measurement antenna is moved from 1m to 4m to get the maximization result. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The receiver references:

Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	100kHz/300kHz	5
1000-4000	1MHz/3MHz	15
4000-18000	1MHz/3MHz	40
18000-26500	1MHz/3MHz	20

Sample Calculations

1. Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \sqrt{EIRP - 20 \log(D) + 104.77} \quad \text{Where:}$$

E is the field strength in dB μ V/m

D is the measurement distance in meters

EIRP is the equivalent isotropically radiated power in dbm

Measurement Result:

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz	Fig.30	P
	5320 MHz	Fig.31	P
	5500 MHz	Fig.32	P
	5700 MHz	Fig.33	P
802.11n HT20	5180 MHz	Fig.34	P
	5320 MHz	Fig.35	P
	5500 MHz	Fig.36	P
	5700 MHz	Fig.37	P
802.11n HT40	5190 MHz	Fig.38	P
	5310 MHz	Fig.39	P
	5510 MHz	Fig.40	P
	5670 MHz	Fig.41	P
802.11ac HT20	5180 MHz	Fig.42	P
	5320 MHz	Fig.43	P
	5500 MHz	Fig.44	P
	5700 MHz	Fig.45	P
802.11ac HT40	5190 MHz	Fig.46	P
	5310 MHz	Fig.47	P
	5510 MHz	Fig.48	P
	5670 MHz	Fig.49	P
802.11ac HT80	5210MHz	Fig.50	P
	5290MHz	Fig.51	P
	5530MHz	Fig.52	P
	5610MHz	Fig.53	P

Conclusion: PASS

Test graphs as below:

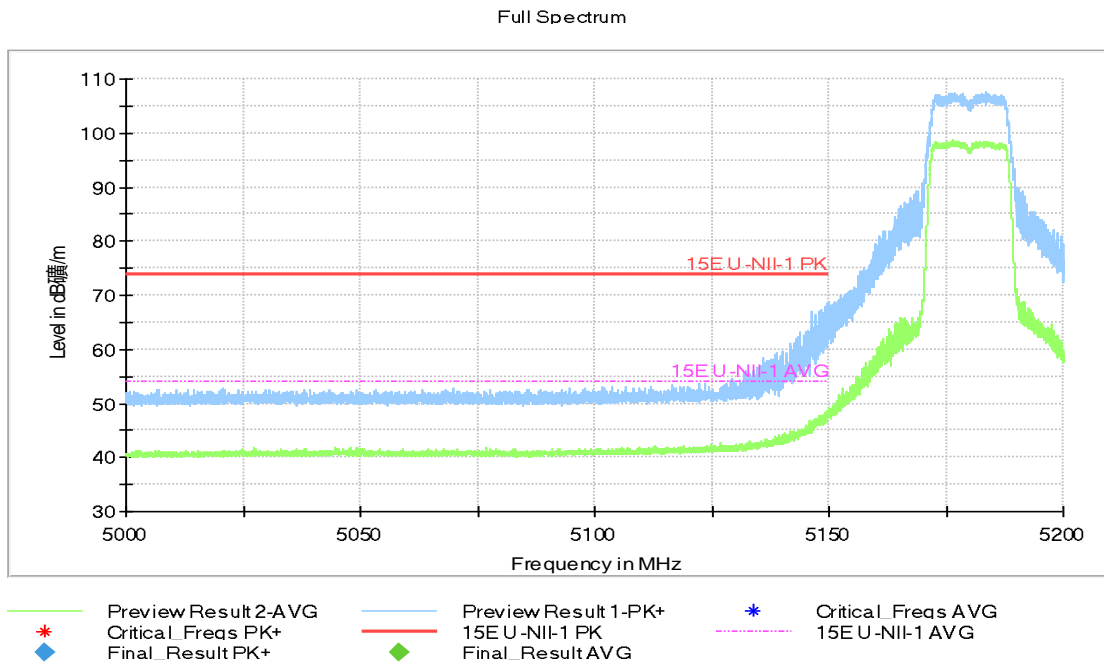


Fig.30 Band Edges (802.11a Ch36, 5180MHz)

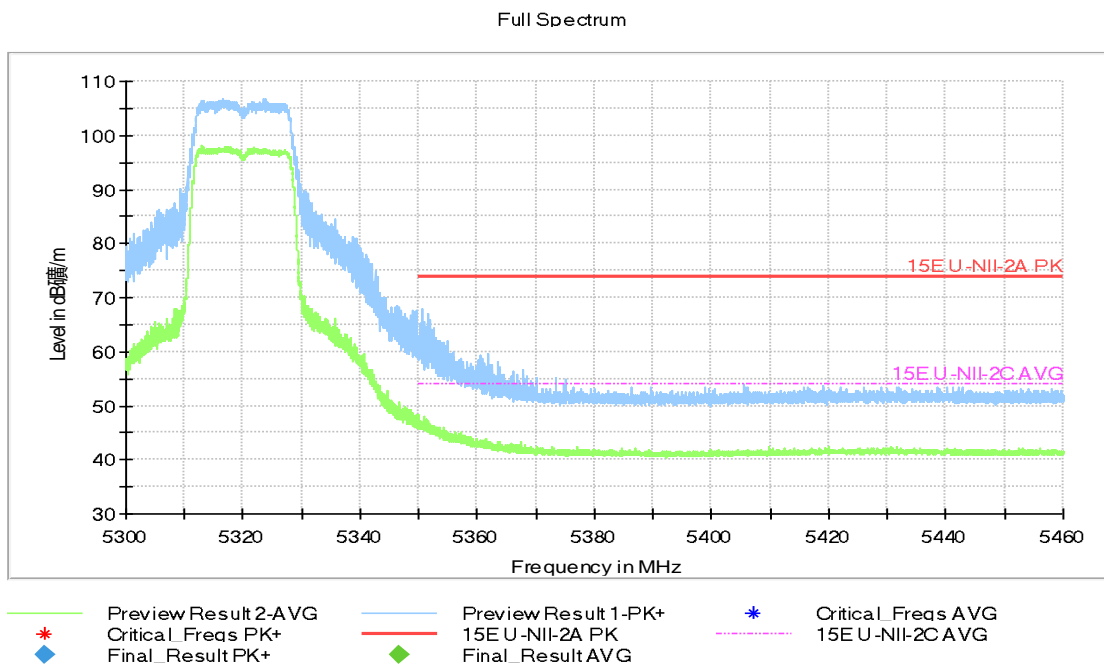


Fig.31 Band Edges (802.11a Ch64, 5320MHz)

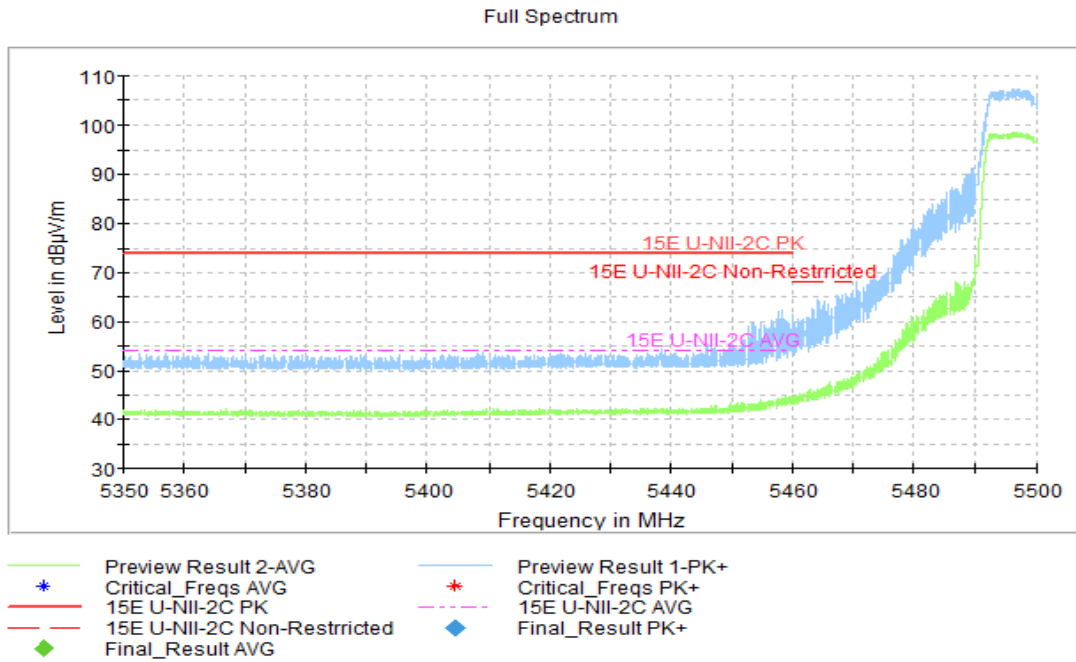


Fig.32 Band Edges (802.11a Ch100, 5500MHz)

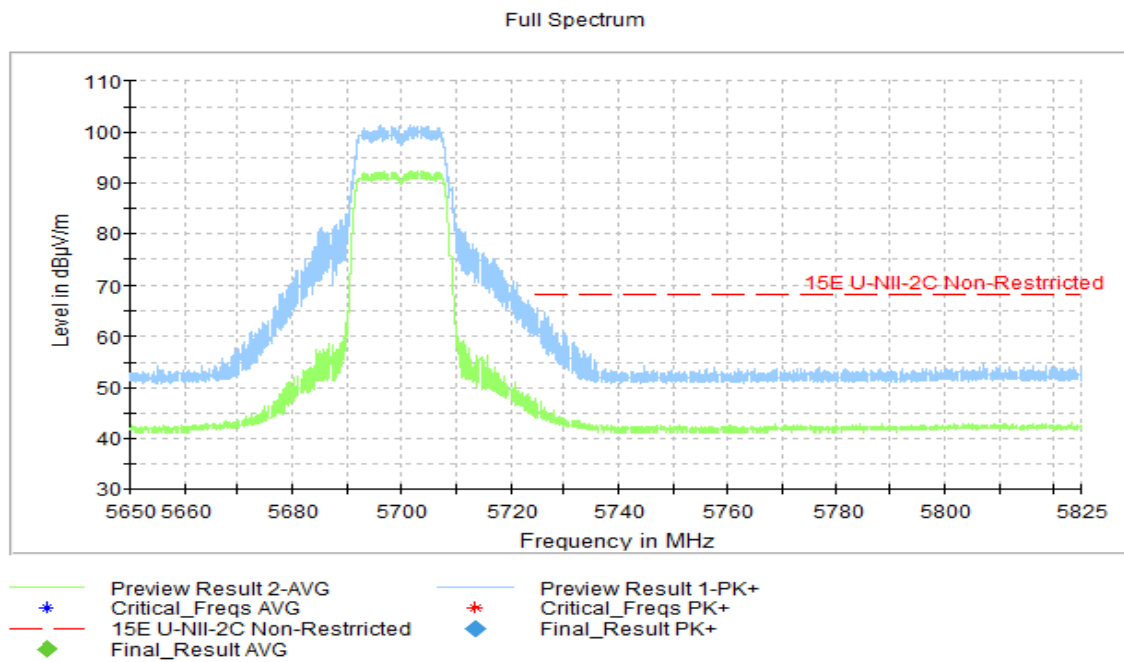


Fig.33 Band Edges (802.11a Ch140, 5700MHz)

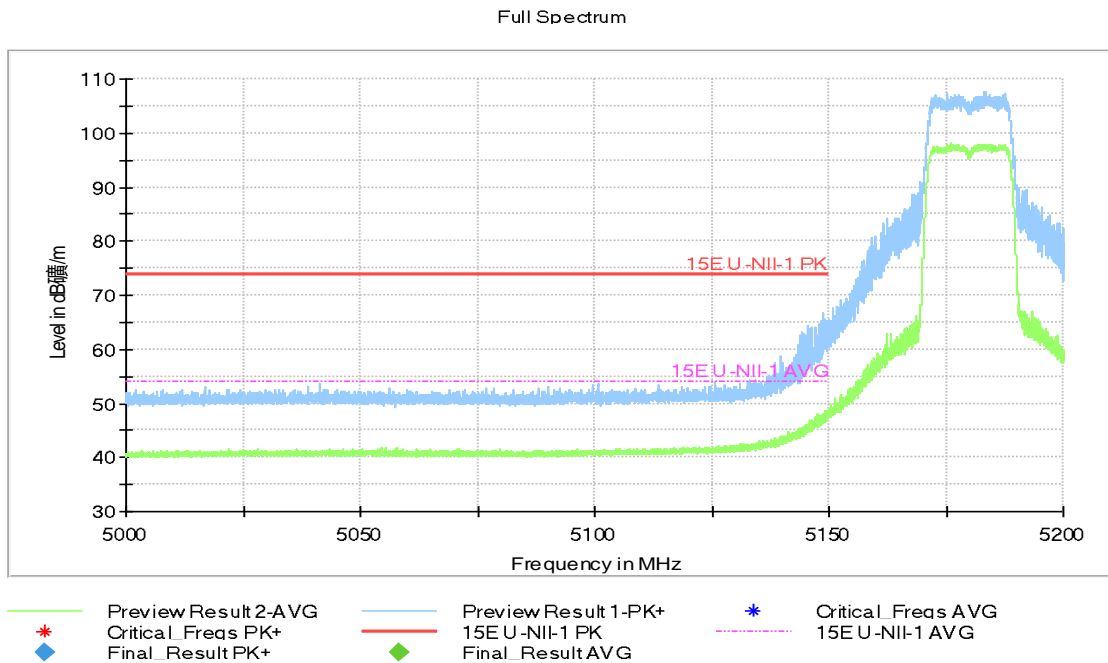


Fig.34 Band Edges (802.11n-HT20 Ch36, 5180MHz)

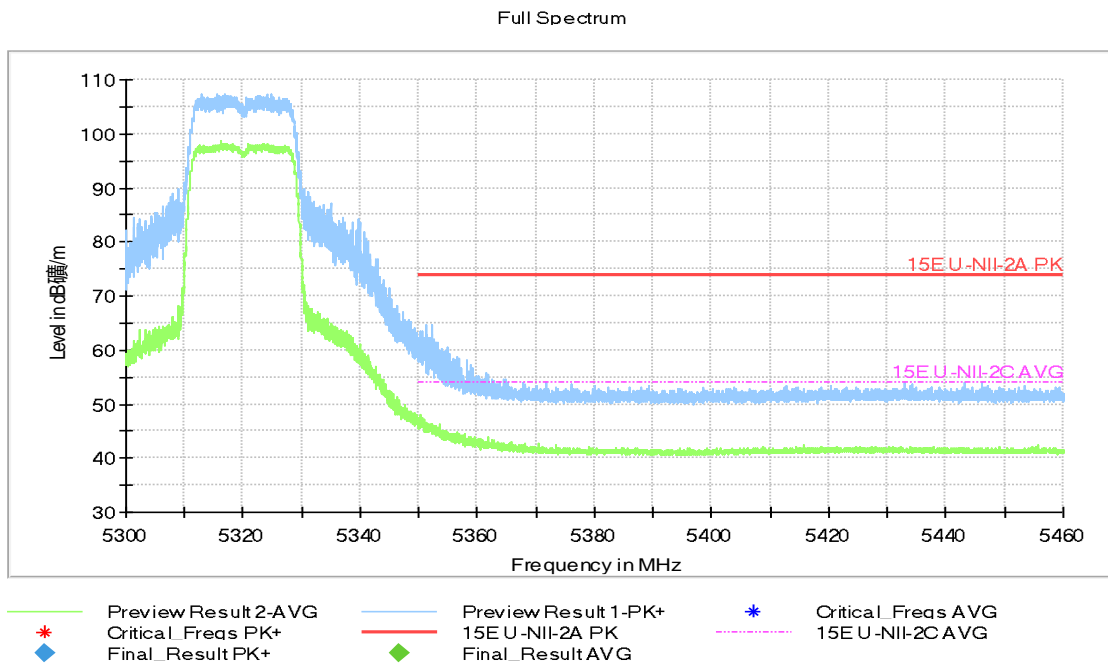


Fig.35 Band Edges (802.11n-HT20 Ch64, 5320MHz)

Full Spectrum

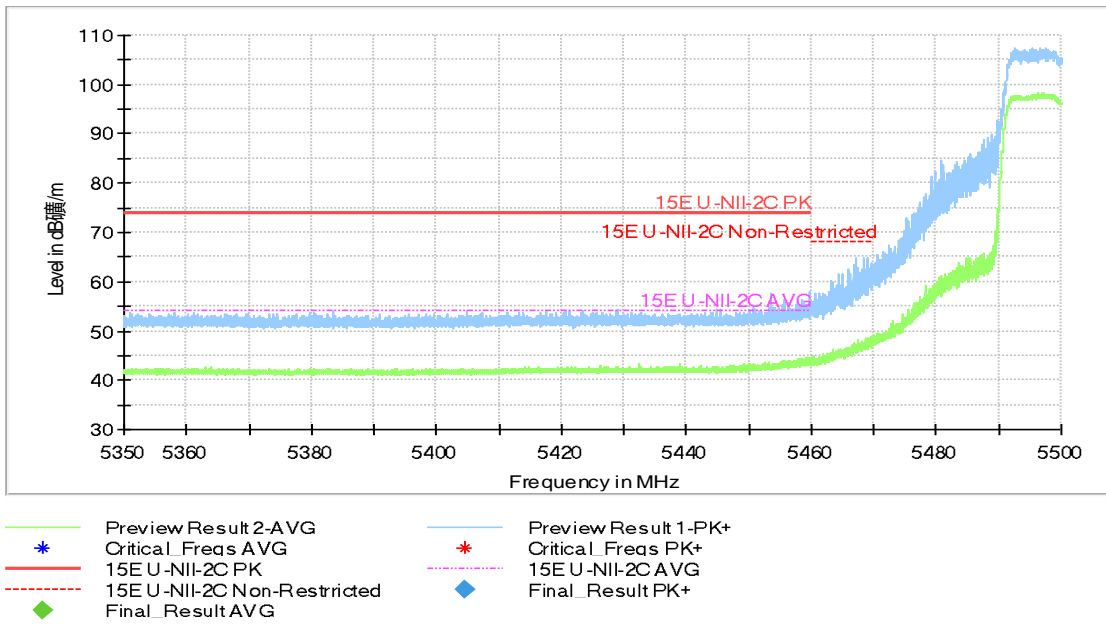


Fig.36 Band Edges (802.11n-HT20 Ch100, 5500MHz)

Full Spectrum

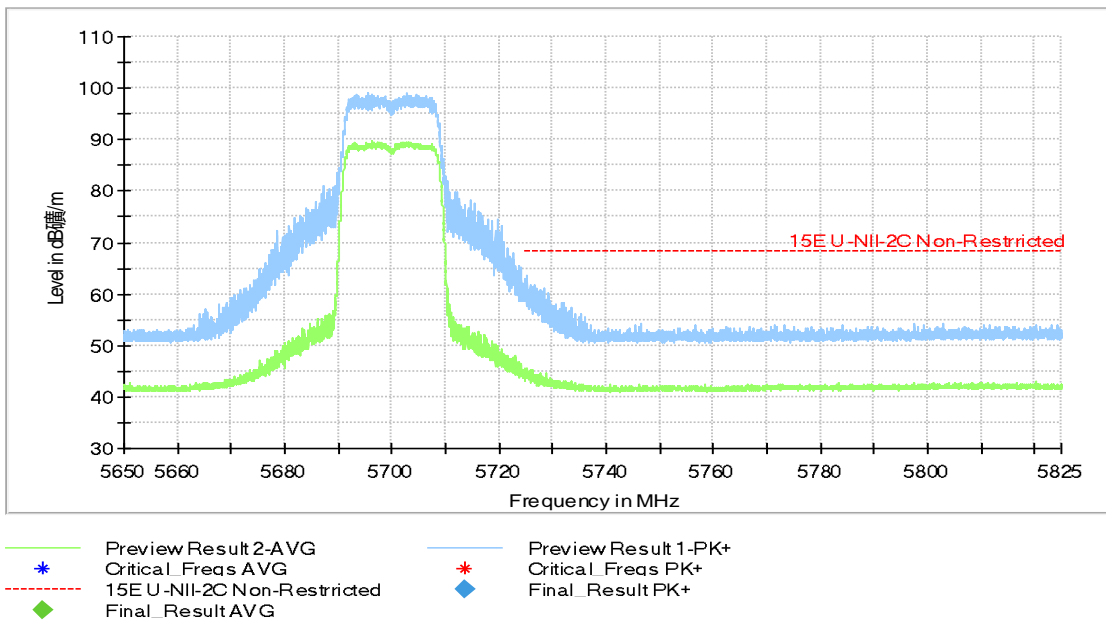


Fig.37 Band Edges (802.11n-HT20 Ch140, 5700MHz)

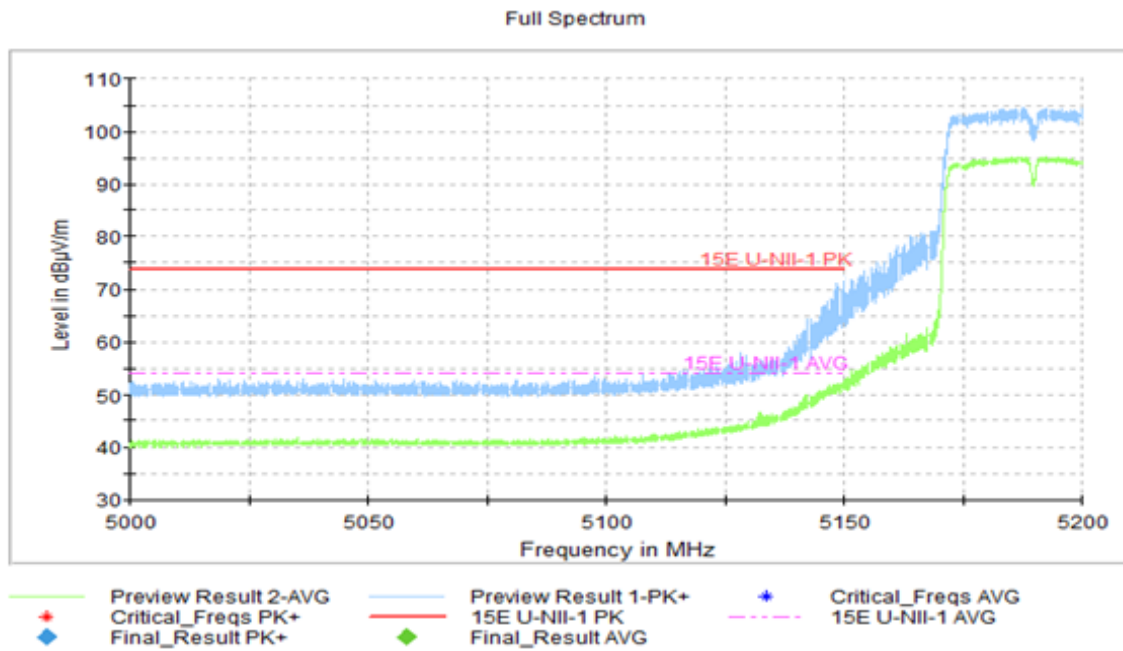


Fig.38 Band Edges (802.11n-HT40 Ch38, 5190MHz)

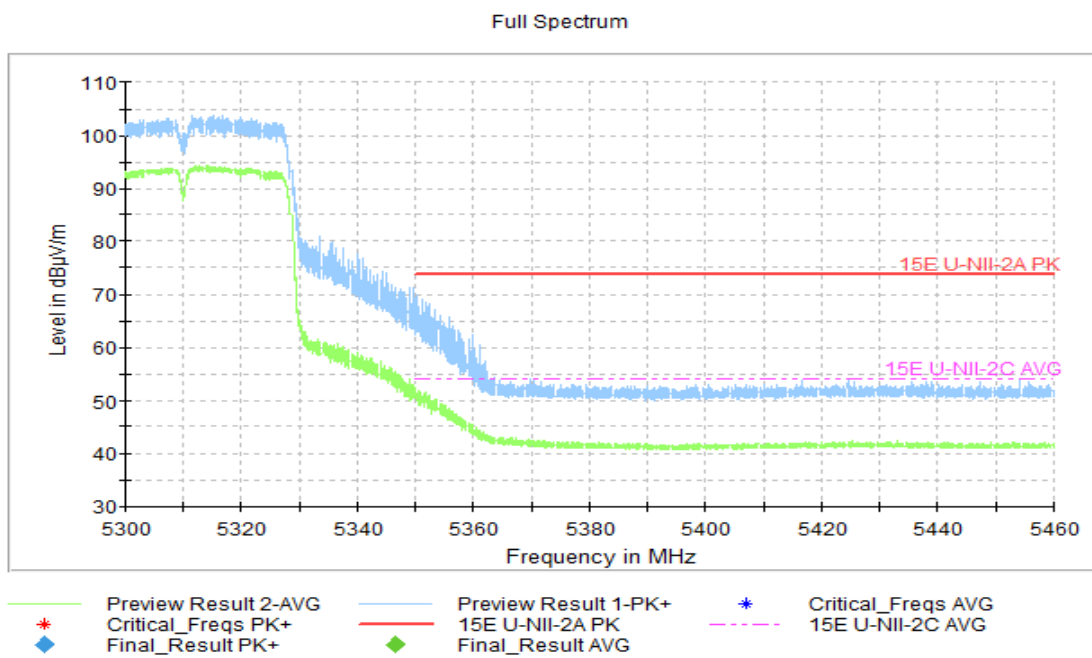


Fig.39 Band Edges (802.11n-HT40 Ch62, 5310MHz)

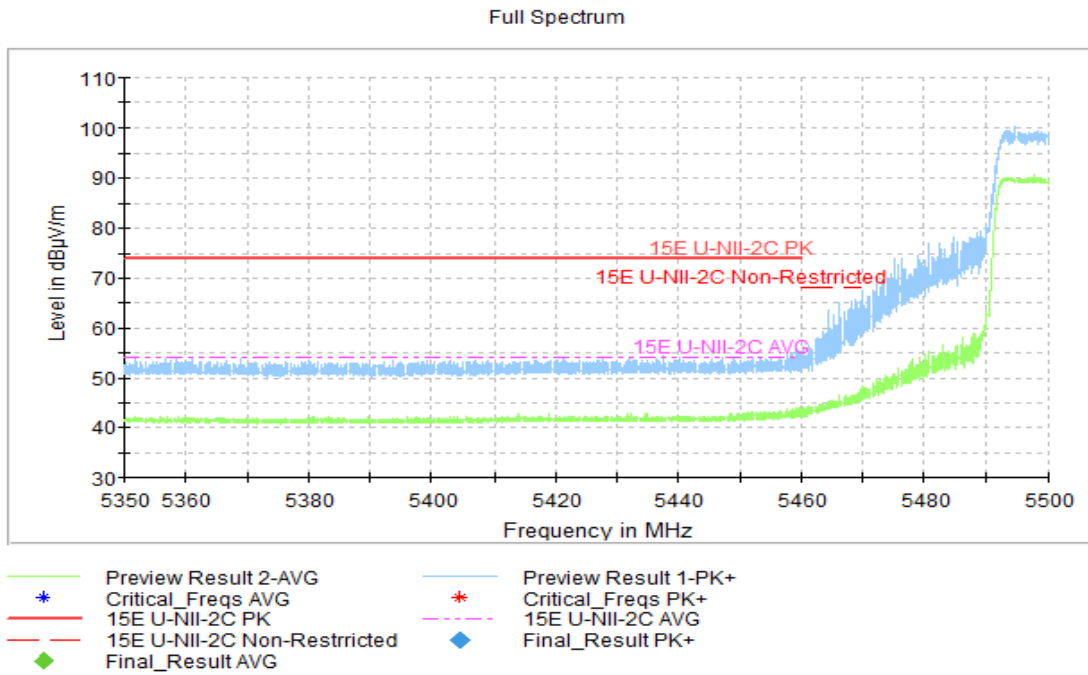


Fig.40 Band Edges (802.11n-HT40 Ch102, 5510MHz)

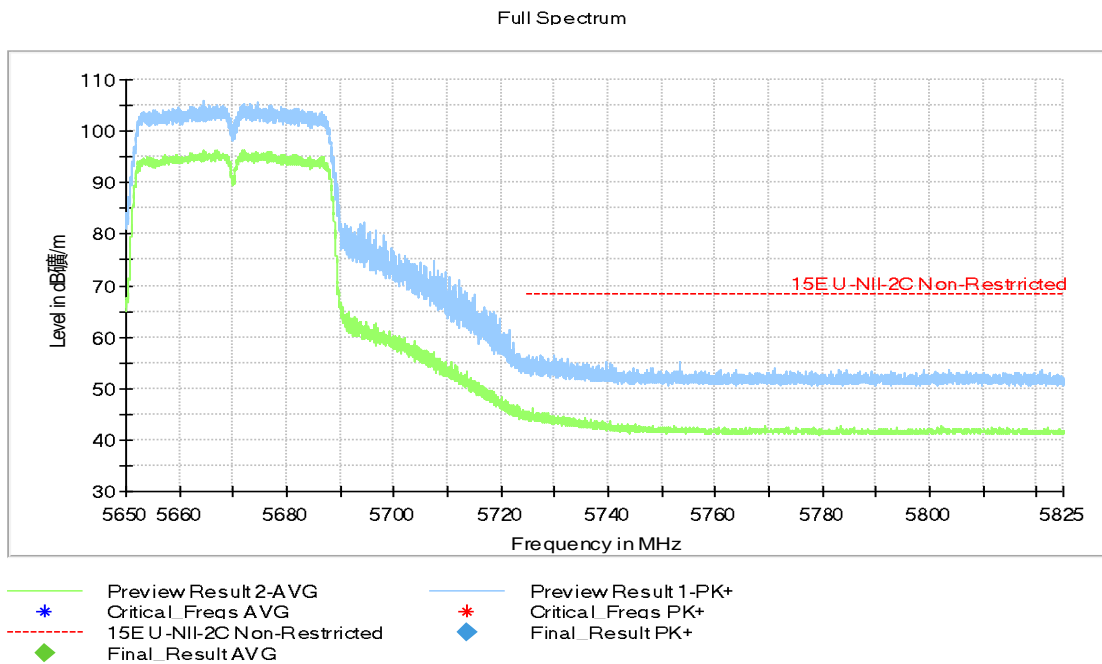
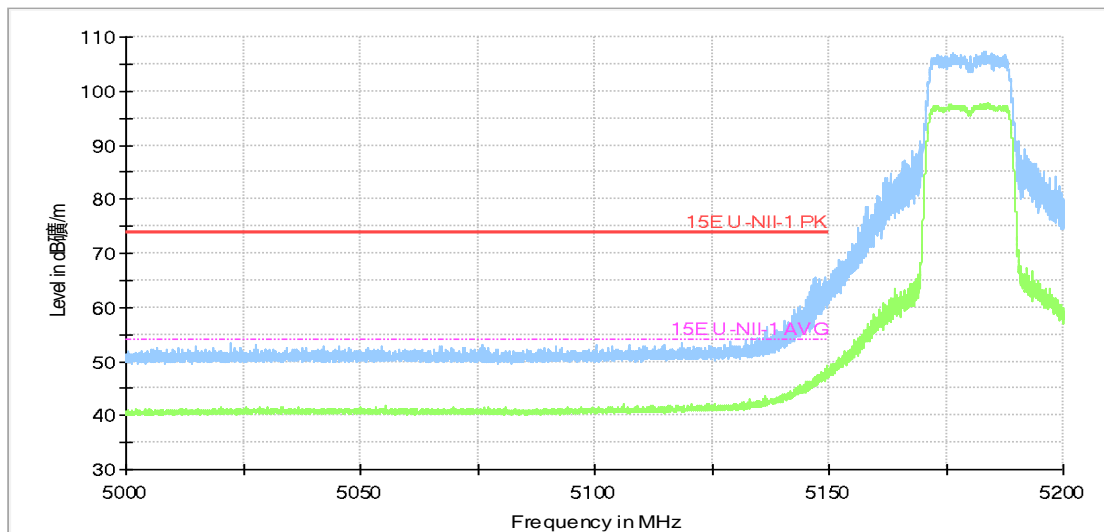


Fig.41 Band Edges (802.11n-HT40 Ch134, 5670MHz)

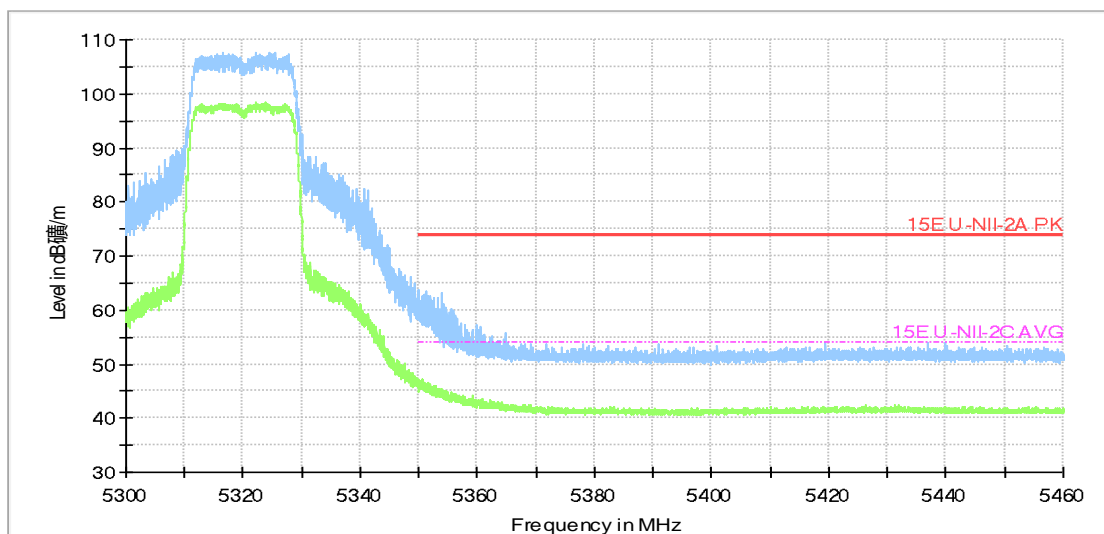
Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- * Critical_Freqs AVG
- * Critical_Freqs PK+
- 15E U-NII-1 PK
- - - 15E U-NII-1 AVG
- ◆ Final_Result PK+
- ◆ Final_Result AVG

Fig.42 Band Edges (802.11ac-HT20 Ch36, 5180MHz)

Full Spectrum



- Preview Result 2-AVG
- Preview Result 1-PK+
- * Critical_Freqs AVG
- * Critical_Freqs PK+
- 15E U-NII-2A PK
- - - 15E U-NII-2C AVG
- ◆ Final_Result PK+
- ◆ Final_Result AVG

Fig.43 Band Edges (802.11ac-HT20 Ch64, 5320MHz)

Full Spectrum

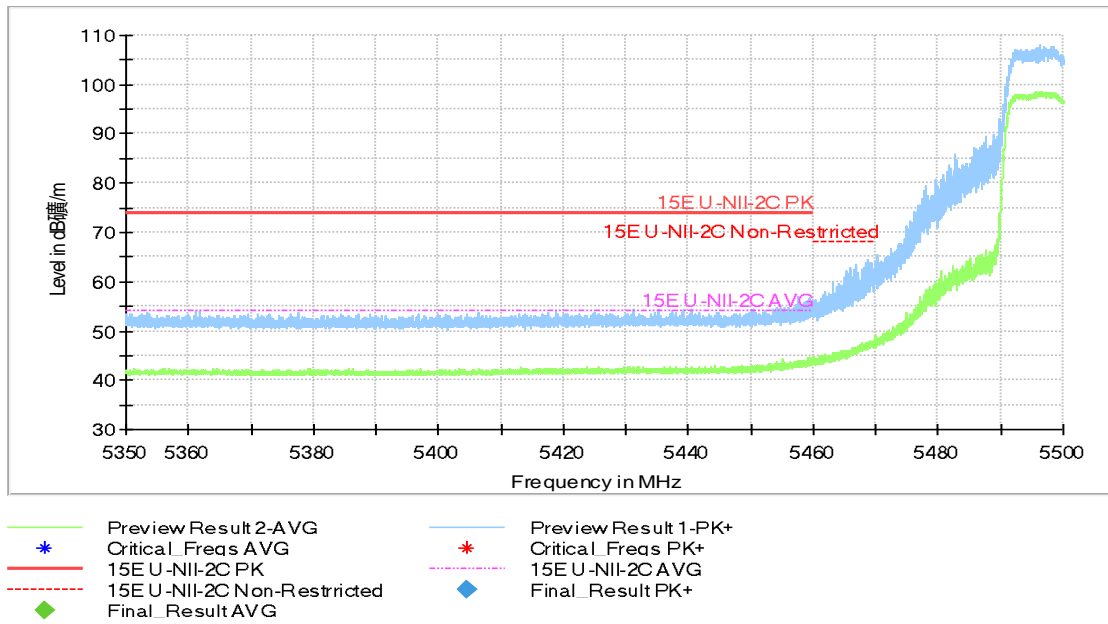


Fig.44 Band Edges (802.11ac-HT20 Ch100, 5500MHz)

Full Spectrum

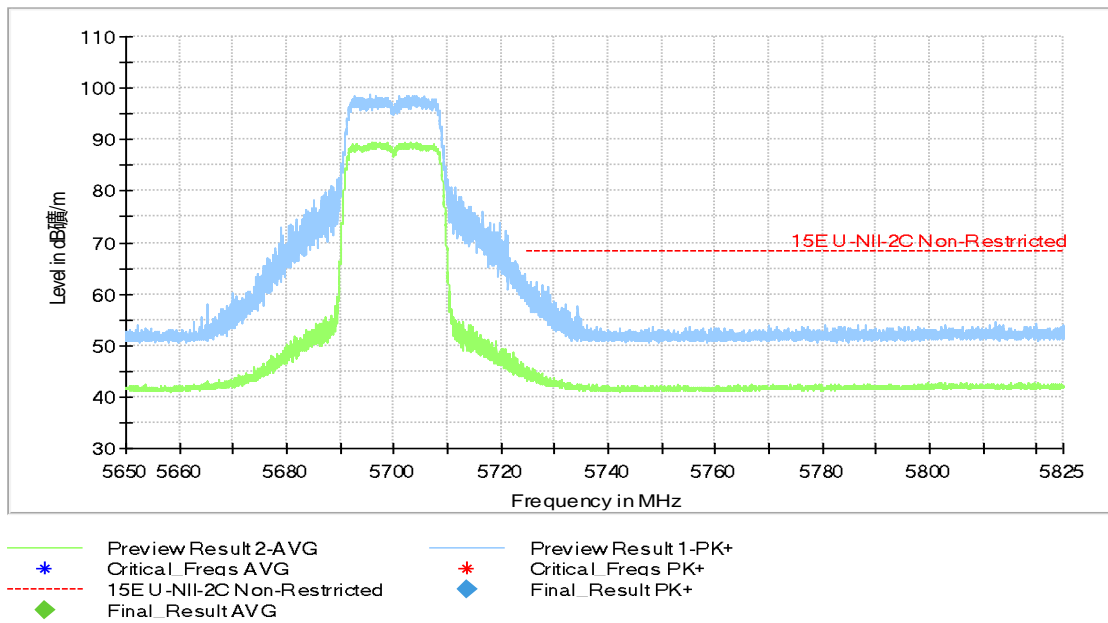


Fig.45 Band Edges (802.11ac-HT20 Ch140, 5700MHz)

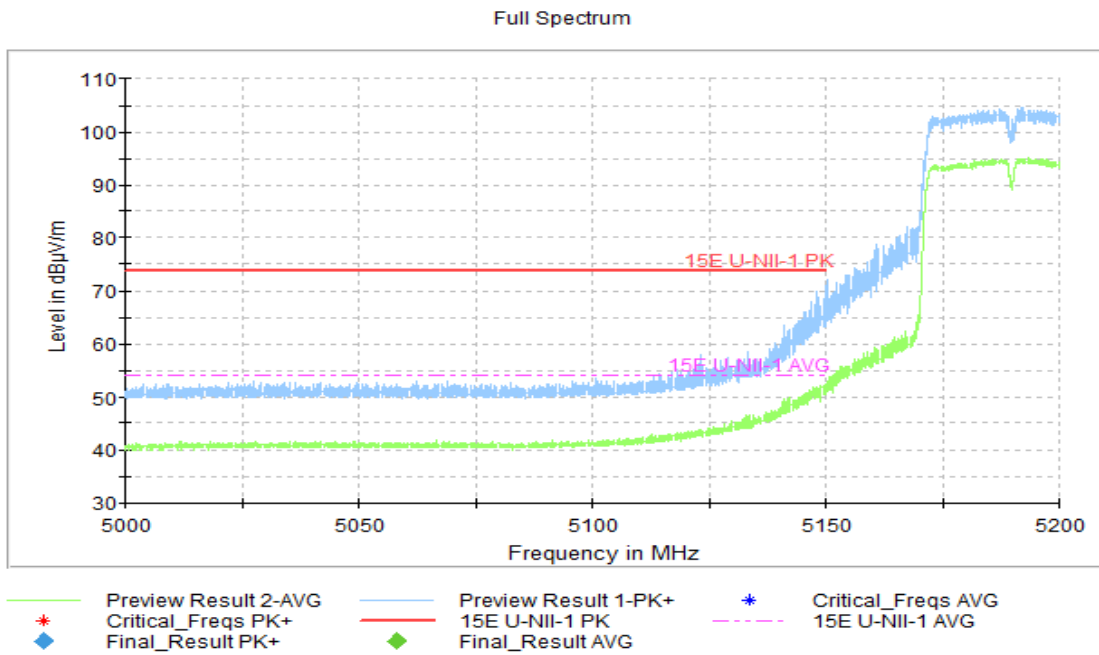


Fig.46 Band Edges (802.11ac-HT40 Ch38, 5190MHz)

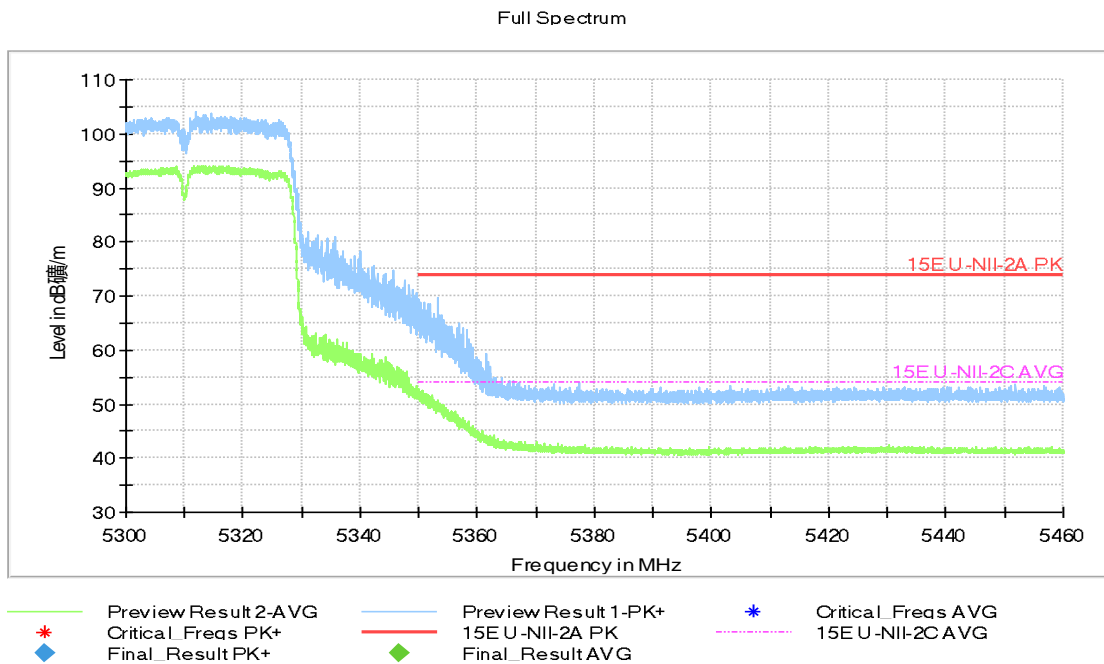


Fig.47 Band Edges (802.11ac-HT40 Ch62, 5310MHz)

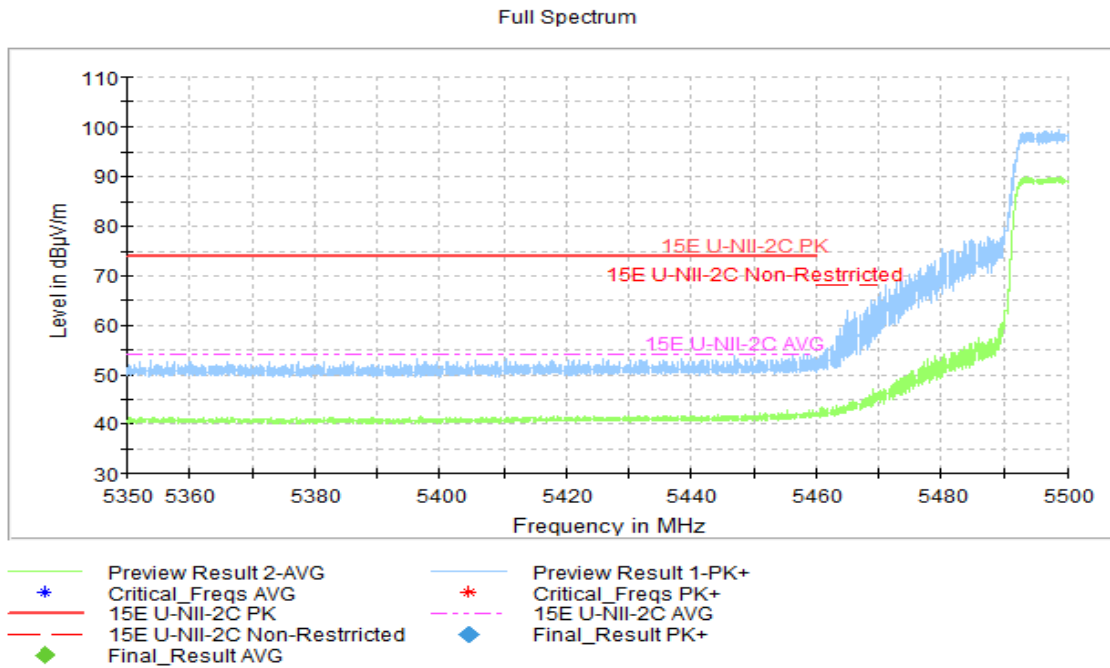


Fig.48 Band Edges (802.11ac-HT40 Ch102, 5510MHz)

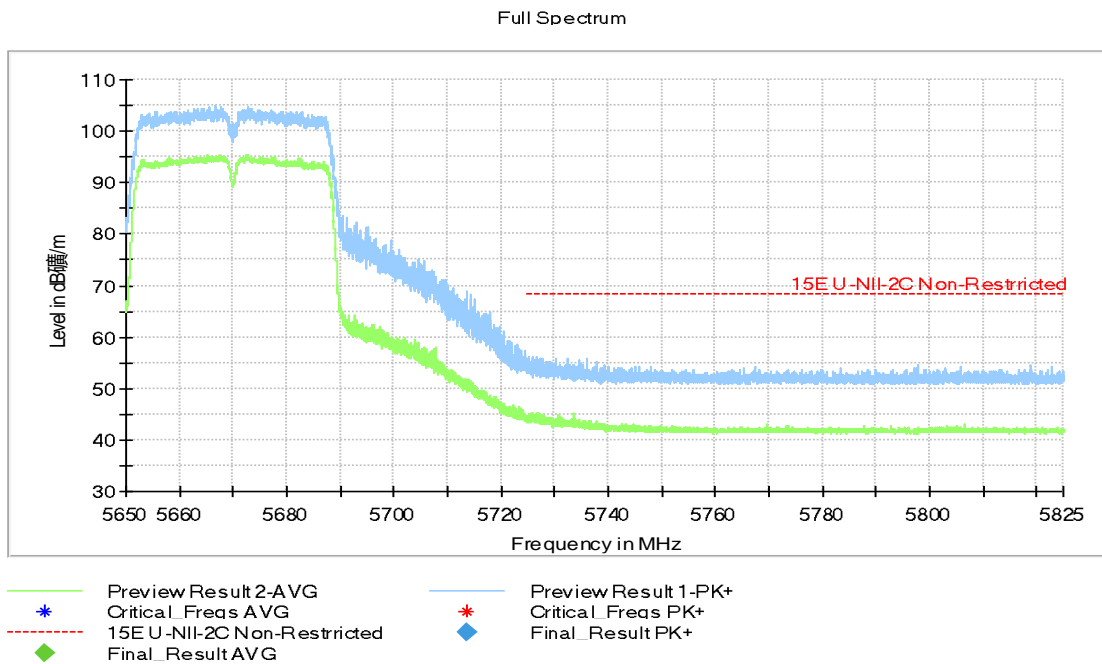


Fig.49 Band Edges (802.11ac-HT40 Ch134, 5670MHz)

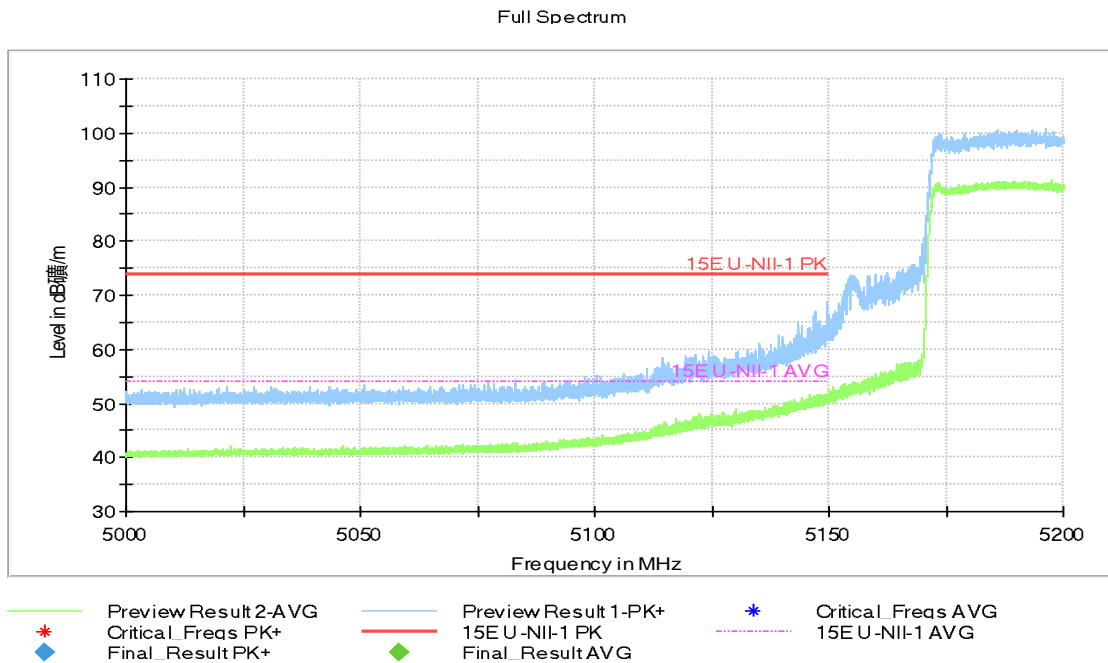


Fig.50 Band Edges (802.11ac-HT80 Ch42 , 5210MHz)

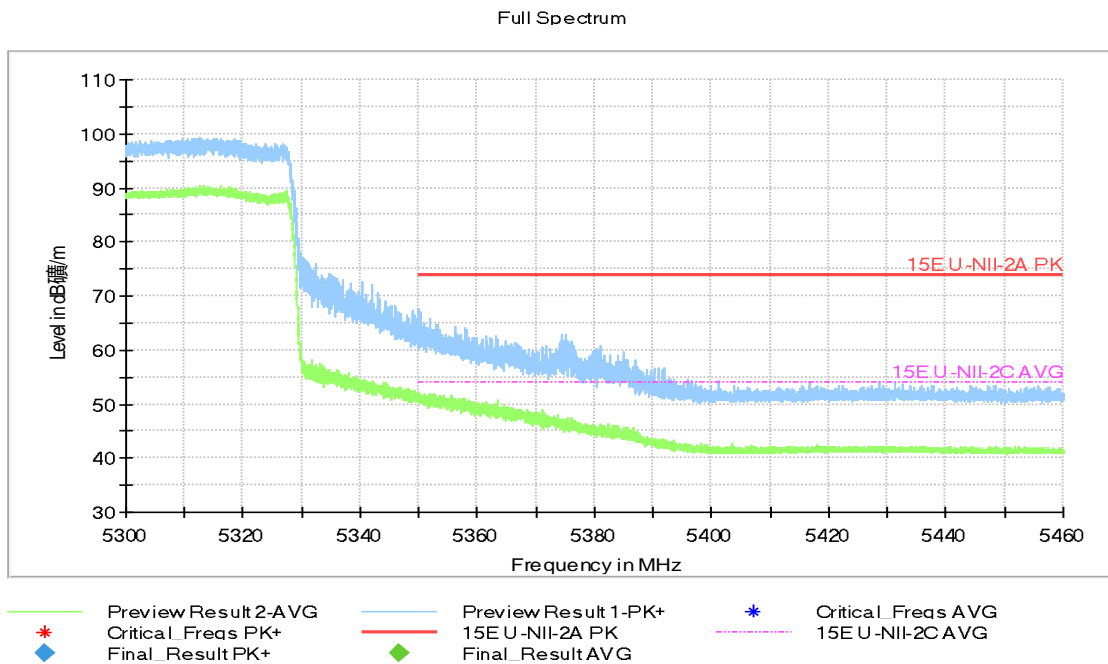


Fig.51 Band Edges (802.11ac-HT80 Ch58, 5290MHz)

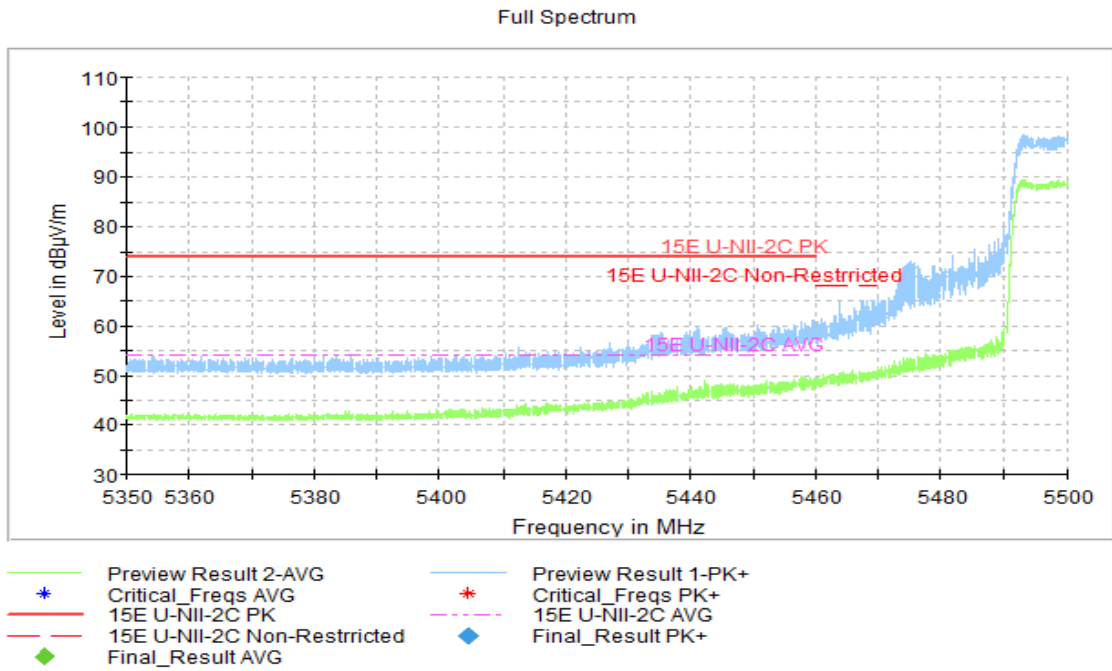


Fig.52 Band Edges (802.11ac-HT80 Ch106, 5530MHz)

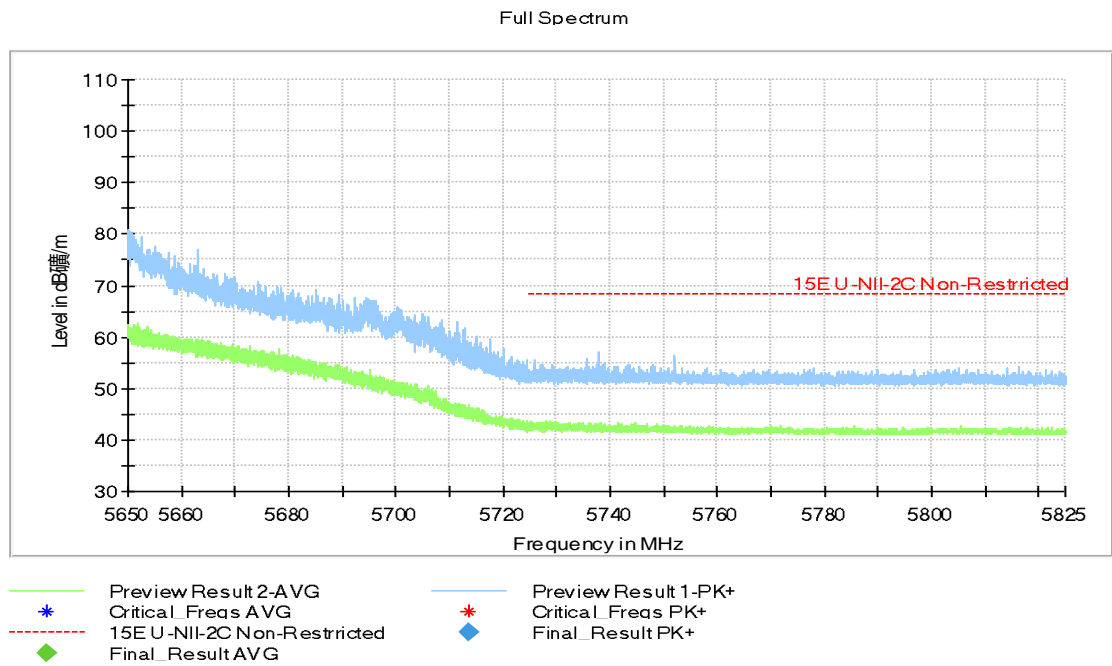


Fig.53 Band Edges (802.11ac-HT80 Ch122, 5610MHz)

A.6. Transmitter Spurious Emission

Measurement Limit:

Standard	Limit
FCC 47 CFR Part 15.407	-27 dBm/MHz

In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

Limit in restricted band:

Frequency (MHz)	Field strength(μ V/m)	Measurement distance(m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30

Frequency of emission (MHz)	Field strength(uV/m)	Field strength(dBuV/m)	Measurement distance(m)
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

The measurement is made according to ANSI C63.10-2013 and KDB 789033

Set up:

Tabletop devices shall be placed on a nonconducting platform with nominal top surface dimensions 1 m by 1.5 m. For emissions testing at or below 1 GHz, the table height shall be 80 cm above the reference ground plane. For emission measurements above 1 GHz, the table height shall be 1.5 m

The EUT and transmitting antenna shall be centered on the turntable.

Test Procedure

The EUT was placed on a non-conductive table. The measurement antenna was placed at a distance of 3 meters from the EUT. The test is carried out on both vertical and horizontal polarization and only maximization result of both polarizations is kept. During the test, the turntable is rotated 360° and the measurement antenna is moved from 1m to 4m to get the maximization result. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The receiver references:

Frequency of emission (MHz)	RBW/VBW	Sweep Time(s)
30-1000	100kHz/300kHz	5
1000-4000	1MHz/3MHz	15
4000-18000	1MHz/3MHz	40
18000-26500	1MHz/3MHz	20

Sample Calculations

1. Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

$$E = \text{EIRP} - 20 \log(D) + 104.77$$

Where:

E is the field strength in $\text{dB}\mu\text{V}/\text{m}$

D is the measurement distance in meters

EIRP is the equivalent isotropically radiated power in dbm

2. The measurement results are obtained as described below:

$$\text{Result} = P_{\text{Mea}} + A_{\text{Rpl}} = P_{\text{Mea}} + \text{Cable Loss} + \text{Antenna Factor}$$

A "reference path loss" is established and the A_{Rpl} is the attenuation of "reference path loss", and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

P_{Mea} is the field strength recorded from the instrument.

Measurement Results:
802.11a mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11a	36(5180MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	40(5200MHz)	9kHz ~30 MHz	---	P
		30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	48(5240MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	52(5260MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	56(5280MHz)	9kHz ~30 MHz	---	P
		30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
	64(5320MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	100(5500MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	120(5600MHz)	9kHz ~30 MHz	---	P
		30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
	140(5700MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P

		7 GHz ~ 18 GHz	---	P
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802.11n-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n -HT20	36(5180MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	40(5200MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
		48(5240MHz)	1 GHz ~ 3 GHz	---
	48(5240MHz)	3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		52(5260MHz)	1 GHz ~ 3 GHz	---
	52(5260MHz)	3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		56(5280MHz)	9kHz ~30 MHz	---
	30 MHz ~1 GHz		---	P
	1 GHz ~ 3 GHz		---	P
	3 GHz ~ 7 GHz		---	P
	7 GHz ~ 18 GHz		---	P
	18 GHz ~ 26.5 GHz		---	P
	26.5 GHz ~ 40 GHz		---	P
	64(5320MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	100(5500MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	120(5600MHz)	9kHz ~30 MHz	---	P
		30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	140(5700MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

802.11n-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11n HT40	38(5190MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	46(5230MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	54(5270MHz)	9kHz ~30 MHz	---	P
		30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	62(5310MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	102(5510MHz)	9kHz ~30 MHz	---	P
		30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	118(5590MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	134(5670MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

802.11ac-HT20 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11ac -HT20	36(5180MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	40(5200MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	48(5240MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	52(5260MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	56(5280MHz)	9kHz ~30 MHz	---	P
		30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
	64(5320MHz)	26.5 GHz ~ 40 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
	100(5500MHz)	7 GHz ~ 18 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
	120(5600MHz)	7 GHz ~ 18 GHz	---	P
		9kHz ~30 MHz	---	P
		30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	140(5700MHz)	18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

802.11ac-HT40 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11ac HT40	38(5190MHz)	30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
		26.5 GHz ~ 40 GHz	---	P
	46(5230MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	54(5270MHz)	9kHz ~30 MHz	---	P
		30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
	62(5310MHz)	26.5 GHz ~ 40 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
	102(5510MHz)	7 GHz ~ 18 GHz	---	P
		9kHz ~30 MHz	---	P
		30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
	118(5590MHz)	26.5 GHz ~ 40 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
	134(5670MHz)	7 GHz ~ 18 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P

802.11ac-HT80 mode

Mode	Channel	Frequency Range	Test Results	Conclusion
802.11ac -HT80	42(5210MHz)	1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
	58(5290MHz)	9kHz ~30 MHz	---	P
		30 MHz ~1 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P
		18 GHz ~ 26.5 GHz	---	P
	106(5530MHz)	26.5 GHz ~ 40 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
	122(5610MHz)	7 GHz ~ 18 GHz	---	P
		1 GHz ~ 3 GHz	---	P
		3 GHz ~ 7 GHz	---	P
		7 GHz ~ 18 GHz	---	P

Conclusion: PASS

AVERAGE Results:
802.11a

Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17914.750	41.57	-25.50	46.66	20.41	54.00	12.43	V
17987.900	41.54	-25.50	46.66	20.38	54.00	12.46	V
14488.250	38.70	-28.59	42.46	24.83	54.00	15.30	H
13309.600	38.55	-29.49	39.71	28.33	54.00	15.45	H
5149.920	49.22	-27.61	33.67	43.16	54.00	4.78	H
5149.800	48.73	-27.61	33.67	42.67	54.00	5.27	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17930.150	41.67	-25.50	46.66	20.51	54.00	12.33	V
17997.800	41.56	-25.50	46.66	20.40	54.00	12.44	H
14498.700	38.28	-28.59	42.46	24.41	54.00	15.72	V
14497.600	38.20	-28.59	42.46	24.33	54.00	15.80	V
11838.350	37.31	-31.85	39.05	30.11	54.00	16.69	V
11891.700	37.20	-31.85	39.05	30.00	54.00	16.80	H

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17936.750	41.91	-25.50	46.66	20.75	54.00	12.09	H
17919.150	41.46	-25.50	46.66	20.30	54.00	12.54	V
14494.300	38.44	-28.59	42.46	24.57	54.00	15.56	V
14473.950	38.25	-28.59	42.46	24.38	54.00	15.75	V
11850.450	37.00	-31.85	39.05	29.80	54.00	17.00	V
11860.350	36.97	-31.85	39.05	29.77	54.00	17.03	V

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17910.900	42.29	-25.50	46.66	21.13	54.00	11.71	V
17914.200	42.24	-25.50	46.66	21.08	54.00	11.76	H
13304.650	39.31	-29.49	39.71	29.09	54.00	14.69	H
13288.700	39.26	-29.67	39.55	29.38	54.00	14.74	H
11862.550	37.79	-31.85	39.05	30.59	54.00	16.21	V
11868.600	37.75	-31.85	39.05	30.55	54.00	16.25	V

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17935.650	42.13	-25.50	46.66	20.97	54.00	11.87	H
17974.150	42.09	-25.50	46.66	20.93	54.00	11.91	H
14496.500	39.09	-28.59	42.46	25.22	54.00	14.91	V
14476.700	39.04	-28.59	42.46	25.17	54.00	14.96	V
11818.000	37.60	-31.85	39.05	30.40	54.00	16.40	H
10749.900	37.56	-32.77	38.49	31.84	54.00	16.44	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17993.950	42.45	-25.50	46.66	21.29	54.00	11.55	H
17917.500	41.99	-25.50	46.66	20.83	54.00	12.01	H
14489.350	38.93	-28.59	42.46	25.06	54.00	15.07	V
13298.600	38.87	-29.49	39.71	28.65	54.00	15.13	V
5350.752	48.16	-27.43	34.01	41.58	54.00	5.84	H
5351.152	47.59	-27.43	34.01	41.01	54.00	6.41	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17933.450	41.48	-25.50	46.66	20.32	54.00	12.52	H
17944.450	41.39	-25.50	46.66	20.23	54.00	12.61	H
13333.250	38.77	-29.49	39.71	28.55	54.00	15.23	H
13304.650	38.46	-29.49	39.71	28.24	54.00	15.54	H
5459.545	44.68	-27.18	34.17	37.69	54.00	9.32	H
5459.635	44.67	-27.18	34.17	37.68	54.00	9.33	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17944.450	41.74	-25.50	46.66	20.58	54.00	12.26	V
17947.200	41.74	-25.50	46.66	20.58	54.00	12.26	V
13321.150	38.76	-29.49	39.71	28.54	54.00	15.24	V
13320.050	38.34	-29.49	39.71	28.12	54.00	15.66	H
11775.650	37.20	-31.99	38.98	30.21	54.00	16.80	V
11867.500	37.07	-31.85	39.05	29.87	54.00	16.93	V

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17970.850	41.73	-25.50	46.66	20.57	54.00	12.27	V
17930.150	41.60	-25.50	46.66	20.44	54.00	12.40	V
13359.650	38.47	-29.49	39.71	28.25	54.00	15.53	H
14497.050	38.47	-28.59	42.46	24.60	54.00	15.53	V
10857.150	37.20	-32.33	38.59	30.94	54.00	16.80	H
11855.400	37.06	-31.85	39.05	29.86	54.00	16.94	V

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Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17926.300	41.91	-25.50	46.66	20.75	54.00	12.09	V
17924.100	41.57	-25.50	46.66	20.41	54.00	12.43	H
14496.500	38.12	-28.59	42.46	24.25	54.00	15.88	H
14498.700	38.06	-28.59	42.46	24.19	54.00	15.94	V
5149.920	49.06	-27.61	33.67	43.00	54.00	4.94	H
5149.180	48.69	-27.61	33.67	42.63	54.00	5.31	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17990.650	41.52	-25.50	46.66	20.36	54.00	12.48	H
17897.700	41.40	-25.50	46.66	20.24	54.00	12.60	V
14495.400	38.32	-28.59	42.46	24.45	54.00	15.68	V
14494.850	38.21	-28.59	42.46	24.34	54.00	15.79	V
11847.700	36.94	-31.85	39.05	29.74	54.00	17.06	V
11842.750	36.83	-31.85	39.05	29.63	54.00	17.17	H

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17931.250	41.69	-25.50	46.66	20.53	54.00	12.31	V
17936.200	41.50	-25.50	46.66	20.34	54.00	12.50	V
14498.150	38.53	-28.59	42.46	24.66	54.00	15.47	V
14498.700	38.22	-28.59	42.46	24.35	54.00	15.78	V
11805.900	37.05	-31.85	39.05	29.85	54.00	16.95	V
11857.600	37.02	-31.85	39.05	29.82	54.00	16.98	V

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17997.250	41.77	-25.50	46.66	20.61	54.00	12.23	V
17993.950	41.69	-25.50	46.66	20.53	54.00	12.31	V
13323.350	38.79	-29.49	39.71	28.57	54.00	15.21	H
13310.700	38.40	-29.49	39.71	28.18	54.00	15.60	H
11820.750	37.78	-31.85	39.05	30.58	54.00	16.22	H
11867.500	37.31	-31.85	39.05	30.11	54.00	16.69	V

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17947.200	41.77	-25.50	46.66	20.61	54.00	12.23	H
17945.550	41.67	-25.50	46.66	20.51	54.00	12.33	H
14481.650	38.70	-28.59	42.46	24.83	54.00	15.30	V
14489.900	38.57	-28.59	42.46	24.70	54.00	15.43	H
11275.150	37.43	-32.36	38.77	31.03	54.00	16.57	V
11862.000	37.22	-31.85	39.05	30.02	54.00	16.78	V

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17996.700	42.05	-25.50	46.66	20.89	54.00	11.95	V
17937.850	41.99	-25.50	46.66	20.83	54.00	12.01	V
13303.000	38.88	-29.49	39.71	28.66	54.00	15.12	H
13296.400	38.64	-29.49	39.71	28.42	54.00	15.36	V
5350.160	48.12	-27.43	34.01	41.54	54.00	5.88	H
5350.032	47.44	-27.43	34.01	40.86	54.00	6.56	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17925.200	41.82	-25.50	46.66	20.66	54.00	12.18	V
17936.200	41.70	-25.50	46.66	20.54	54.00	12.30	V
13340.950	38.38	-29.49	39.71	28.16	54.00	15.62	H
13317.850	38.22	-29.49	39.71	28.00	54.00	15.78	H
5459.530	44.76	-27.18	34.17	37.77	54.00	9.24	H
5459.785	44.62	-27.18	34.17	37.63	54.00	9.38	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17920.800	41.57	-25.50	46.66	20.41	54.00	12.43	V
17980.750	41.55	-25.50	46.66	20.39	54.00	12.45	H
13287.600	38.47	-29.67	39.55	28.59	54.00	15.53	V
14488.800	38.43	-28.59	42.46	24.56	54.00	15.57	H
11868.600	37.18	-31.85	39.05	29.98	54.00	16.82	V
10748.800	37.12	-32.77	38.49	31.40	54.00	16.88	V

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17913.100	41.72	-25.50	46.66	20.56	54.00	12.28	V
17952.150	41.49	-25.50	46.66	20.33	54.00	12.51	V
13254.600	38.76	-29.67	39.55	28.88	54.00	15.24	H
13306.850	38.41	-29.49	39.71	28.19	54.00	15.59	H
11869.150	37.01	-31.85	39.05	29.81	54.00	16.99	H
11815.250	36.99	-31.85	39.05	29.79	54.00	17.01	H

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Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17942.250	41.81	-25.50	46.66	20.65	54.00	12.19	V
17929.600	41.68	-25.50	46.66	20.52	54.00	12.32	H
14492.100	38.62	-28.59	42.46	24.75	54.00	15.38	H
13310.150	38.45	-29.49	39.71	28.23	54.00	15.55	H
5149.460	51.00	-27.61	33.67	44.94	54.00	3.00	H
5149.080	50.97	-27.61	33.67	44.91	54.00	3.03	H

Channel 46

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17921.900	41.55	-25.50	46.66	20.39	54.00	12.45	H
17979.100	41.55	-25.50	46.66	20.39	54.00	12.45	H
14480.000	38.36	-28.59	42.46	24.49	54.00	15.64	V
14499.800	38.32	-28.59	42.46	24.45	54.00	15.68	V
11903.800	36.99	-31.85	39.05	29.79	54.00	17.01	V
11784.450	36.94	-31.99	38.98	29.95	54.00	17.06	H

Channel 54

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17925.200	41.71	-25.50	46.66	20.55	54.00	12.29	V
17927.400	41.41	-25.50	46.66	20.25	54.00	12.59	H
13266.700	38.37	-29.67	39.55	28.49	54.00	15.63	V
13301.900	38.24	-29.49	39.71	28.02	54.00	15.76	H
11887.300	37.13	-31.85	39.05	29.93	54.00	16.87	H
11787.750	37.05	-31.99	38.98	30.06	54.00	16.95	V

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17936.750	41.48	-25.50	46.66	20.32	54.00	12.52	V
17968.100	41.47	-25.50	46.66	20.31	54.00	12.53	V
13297.500	38.31	-29.49	39.71	28.09	54.00	15.69	V
13292.550	38.27	-29.49	39.71	28.05	54.00	15.73	V
5350.656	50.99	-27.43	34.01	44.41	54.00	3.01	H
5350.272	50.95	-27.43	34.01	44.37	54.00	3.05	H

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17953.250	41.51	-25.50	46.66	20.35	54.00	12.49	V
17919.700	41.48	-25.50	46.66	20.32	54.00	12.52	H
13300.250	38.45	-29.49	39.71	28.23	54.00	15.55	V
13296.400	38.37	-29.49	39.71	28.15	54.00	15.63	H
5459.740	43.88	-27.18	34.17	36.89	54.00	10.12	H
5459.155	43.87	-27.18	34.17	36.88	54.00	10.13	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17944.450	42.12	-25.50	46.66	20.96	54.00	11.88	H
17997.800	41.88	-25.50	46.66	20.72	54.00	12.12	V
14481.100	38.49	-28.59	42.46	24.62	54.00	15.51	H
13286.500	38.39	-29.67	39.55	28.51	54.00	15.61	H
11853.750	37.11	-31.85	39.05	29.91	54.00	16.89	H
11785.550	37.03	-31.99	38.98	30.04	54.00	16.97	V

Channel 134

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17993.950	41.71	-25.50	46.66	20.55	54.00	12.29	V
17932.900	41.61	-25.50	46.66	20.45	54.00	12.39	H
13305.750	38.57	-29.49	39.71	28.35	54.00	15.43	V
13340.950	38.49	-29.49	39.71	28.27	54.00	15.51	V
11926.350	37.07	-31.48	39.09	29.46	54.00	16.93	H
11821.850	37.02	-31.85	39.05	29.82	54.00	16.98	H

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Channel 36

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17956.550	41.62	-25.50	46.66	20.46	54.00	12.38	H
17930.150	41.57	-25.50	46.66	20.41	54.00	12.43	V
14481.650	38.31	-28.59	42.46	24.44	54.00	15.69	H
14487.700	38.30	-28.59	42.46	24.43	54.00	15.70	H
5149.580	49.18	-27.61	33.67	43.12	54.00	4.82	H
5149.320	48.79	-27.61	33.67	42.73	54.00	5.21	H

Channel 40

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17951.600	41.30	-25.50	46.66	20.14	54.00	12.70	H
17941.700	41.22	-25.50	46.66	20.06	54.00	12.78	V
13299.150	38.47	-29.49	39.71	28.25	54.00	15.53	V
14491.550	38.30	-28.59	42.46	24.43	54.00	15.70	V
11857.600	37.01	-31.85	39.05	29.81	54.00	16.99	V
11791.050	37.00	-31.99	38.98	30.01	54.00	17.00	V

Channel 48

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17978.000	41.49	-25.50	46.66	20.33	54.00	12.51	V
17939.500	41.33	-25.50	46.66	20.17	54.00	12.67	V
14498.700	38.66	-28.59	42.46	24.79	54.00	15.34	H
13304.650	38.45	-29.49	39.71	28.23	54.00	15.55	V
11851.550	37.10	-31.85	39.05	29.90	54.00	16.90	V
11824.050	37.07	-31.85	39.05	29.87	54.00	16.93	V

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17990.650	41.79	-25.50	46.66	20.63	54.00	12.21	H
17991.200	41.66	-25.50	46.66	20.50	54.00	12.34	H
14494.300	38.68	-28.59	42.46	24.81	54.00	15.32	V
14492.100	38.58	-28.59	42.46	24.71	54.00	15.42	H
11871.900	37.40	-31.85	39.05	30.20	54.00	16.60	H
11283.950	37.16	-32.36	38.77	30.76	54.00	16.84	V

Channel 56

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17907.600	41.65	-25.50	46.66	20.49	54.00	12.35	H
17991.750	41.63	-25.50	46.66	20.47	54.00	12.37	V
14494.850	38.32	-28.59	42.46	24.45	54.00	15.68	V
14482.750	38.29	-28.59	42.46	24.42	54.00	15.71	V
11895.000	37.43	-31.85	39.05	30.23	54.00	16.57	H
11781.700	37.22	-31.99	38.98	30.23	54.00	16.78	H

Channel 64

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17972.500	41.58	-25.50	46.66	20.42	54.00	12.42	H
17924.100	41.46	-25.50	46.66	20.30	54.00	12.54	H
13292.550	38.49	-29.49	39.71	28.27	54.00	15.51	H
14486.600	38.41	-28.59	42.46	24.54	54.00	15.59	V
5350.608	47.28	-27.43	34.01	40.70	54.00	6.72	H
5350.576	47.20	-27.43	34.01	40.62	54.00	6.80	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17983.500	41.75	-25.50	46.66	20.59	54.00	12.25	H
17978.550	41.69	-25.50	46.66	20.53	54.00	12.31	V
13295.850	39.06	-29.49	39.71	28.84	54.00	14.94	H
13338.750	38.84	-29.49	39.71	28.62	54.00	15.16	H
5459.185	44.64	-27.18	34.17	37.65	54.00	9.36	H
5459.410	44.53	-27.18	34.17	37.54	54.00	9.47	H

Channel 120

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17903.200	41.73	-25.50	46.66	20.57	54.00	12.27	H
17989.550	41.68	-25.50	46.66	20.52	54.00	12.32	H
14496.500	38.62	-28.59	42.46	24.75	54.00	15.38	V
13292.550	38.46	-29.49	39.71	28.24	54.00	15.54	H
11824.600	37.02	-31.85	39.05	29.82	54.00	16.98	H
11789.950	37.01	-31.99	38.98	30.02	54.00	16.99	V

Channel 140

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17953.250	41.84	-25.50	46.66	20.68	54.00	12.16	H
17946.100	41.65	-25.50	46.66	20.49	54.00	12.35	H
13295.300	38.33	-29.49	39.71	28.11	54.00	15.67	V
13300.250	38.32	-29.49	39.71	28.10	54.00	15.68	V
11873.000	37.16	-31.85	39.05	29.96	54.00	16.84	V
11906.550	37.09	-31.85	39.05	29.89	54.00	16.91	H

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Channel 38

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17985.150	41.53	-25.50	46.66	20.37	54.00	12.47	H
17924.100	41.49	-25.50	46.66	20.33	54.00	12.51	V
13306.300	38.40	-29.49	39.71	28.18	54.00	15.60	H
14483.850	38.35	-28.59	42.46	24.48	54.00	15.65	H
5149.080	50.98	-27.61	33.67	44.92	54.00	3.02	H
5149.300	50.80	-27.61	33.67	44.74	54.00	3.20	H

Channel 46

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17982.400	41.97	-25.50	46.66	20.81	54.00	12.03	H
17934.000	41.59	-25.50	46.66	20.43	54.00	12.41	H
13311.800	38.74	-29.49	39.71	28.52	54.00	15.26	V
13345.900	38.28	-29.49	39.71	28.06	54.00	15.72	V
11856.500	37.10	-31.85	39.05	29.90	54.00	16.90	H
11749.800	37.05	-31.99	38.98	30.06	54.00	16.95	V

Channel 54

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17950.500	41.89	-25.50	46.66	20.73	54.00	12.11	V
17990.650	41.55	-25.50	46.66	20.39	54.00	12.45	V
13309.050	38.40	-29.49	39.71	28.18	54.00	15.60	V
13318.400	38.36	-29.49	39.71	28.14	54.00	15.64	H
10864.850	37.48	-32.33	38.59	31.22	54.00	16.52	V
11858.700	37.19	-31.85	39.05	29.99	54.00	16.81	V

Channel 62

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17940.050	41.93	-25.50	46.66	20.77	54.00	12.07	H
17943.350	41.76	-25.50	46.66	20.60	54.00	12.24	H
13318.400	38.48	-29.49	39.71	28.26	54.00	15.52	V
13261.750	38.36	-29.67	39.55	28.48	54.00	15.64	H
5350.064	50.88	-27.43	34.01	44.30	54.00	3.12	H
5350.480	50.86	-27.43	34.01	44.32	54.00	3.14	H

Channel 102

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17917.500	41.54	-25.50	46.66	20.38	54.00	12.46	H
17992.300	41.45	-25.50	46.66	20.29	54.00	12.55	H
13324.450	38.57	-29.49	39.71	28.35	54.00	15.43	V
13327.750	38.50	-29.49	39.71	28.28	54.00	15.50	H
5459.530	46.16	-27.18	34.17	39.17	54.00	7.84	H
5458.555	45.96	-27.18	34.17	38.97	54.00	8.04	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17910.350	41.75	-25.50	46.66	20.59	54.00	12.25	V
17882.850	41.66	-25.50	46.66	20.50	54.00	12.34	V
14491.550	38.41	-28.59	42.46	24.54	54.00	15.59	H
13301.900	38.34	-29.49	39.71	28.12	54.00	15.66	V
11806.450	37.26	-31.85	39.05	30.06	54.00	16.74	H
11856.500	36.97	-31.85	39.05	29.77	54.00	17.03	H

Channel 134

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17887.250	41.62	-25.50	46.66	20.46	54.00	12.38	V
17915.300	41.59	-25.50	46.66	20.43	54.00	12.41	H
13292.550	38.43	-29.49	39.71	28.21	54.00	15.57	V
13307.950	38.35	-29.49	39.71	28.13	54.00	15.65	H
11817.450	37.18	-31.85	39.05	29.98	54.00	16.82	V
11874.100	37.03	-31.85	39.05	29.83	54.00	16.97	V

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Channel 42

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17863.050	41.72	-25.50	46.66	20.56	54.00	12.28	H
17922.450	41.35	-25.50	46.66	20.19	54.00	12.65	V
13305.200	38.38	-29.49	39.71	28.16	54.00	15.62	H
14485.500	38.33	-28.59	42.46	24.46	54.00	15.67	V
5149.980	51.01	-27.61	33.67	44.95	54.00	3.00	H
5149.880	50.99	-27.61	33.67	44.93	54.00	3.01	H

Channel 58

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17964.250	41.59	-25.50	46.66	20.43	54.00	12.41	V
17930.700	41.51	-25.50	46.66	20.35	54.00	12.49	V
14496.500	38.52	-28.59	42.46	24.65	54.00	15.48	V
13307.400	38.36	-29.49	39.71	28.14	54.00	15.64	H
5352.656	50.93	-27.43	34.01	44.35	54.00	3.07	H
5351.872	51.02	-27.43	34.01	44.44	54.00	2.98	H

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17856.450	41.78	-25.50	46.66	20.62	54.00	12.22	H
17970.850	41.46	-25.50	46.66	20.30	54.00	12.54	V
13295.850	38.32	-29.49	39.71	28.10	54.00	15.68	H
13301.350	38.26	-29.49	39.71	28.04	54.00	15.74	V
5457.475	49.68	-27.18	34.17	42.69	54.00	4.32	H
5458.135	49.64	-27.18	34.17	42.65	54.00	4.36	H

Channel 122

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
17912.550	41.70	-25.50	46.66	20.54	54.00	12.30	V
17936.200	41.55	-25.50	46.66	20.39	54.00	12.45	V
13293.650	38.63	-29.49	39.71	28.41	54.00	15.37	V
14488.800	38.38	-28.59	42.46	24.51	54.00	15.62	V
11874.650	37.15	-31.85	39.05	29.95	54.00	16.85	H
11870.250	36.98	-31.85	39.05	29.78	54.00	17.02	V