



**FCC PART 15
TEST REPORT
No. I22Z70125-EMC05**

for

Samsung Electronics Co., Ltd.

Notebook PC

Model Name: NP755XDA

With

FCC ID: ZCANP755XDA

Hardware Version: REV1.0

Software Version: Windows10-Pro

Issued Date: 2022-05-25

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of CTTL.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

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REPORT HISTORY

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1. TEST LABORATORY

1.1. Introduction & Accreditation

Telecommunication Technology Labs, CAICT is an ISO/IEC 17025:2017 accredited test laboratory under NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM (NVLAP) with lab code 600118-0, and is also an FCC accredited test laboratory (CN5017), and ISED accredited test laboratory (ISED#: 24849). The detail accreditation scope can be found on NVLAP website.

1.2. Testing Location

Location: CTTL (Huayuan North Road)

Address: No. 52 Huayuan North Road, Haidian District, Beijing 100191, P.R. China

1.3. Testing Environment

Normal Temperature: 15-35°C

Relative Humidity: 20-75%

1.4. Project date

Testing Start Date: 2022-03-28


Testing End Date: 2022-05-10

1.5. Signature



Li Yan

(Prepared this test report)



Zhang Ying

(Reviewed this test report)



Zhang Xia

Deputy Director of the laboratory

(Approved this test report)



2. CLIENT INFORMATION

2.1 Applicant Information

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2.2 Manufacturer Information

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3. PRODUCT INFORMATION

3.1. About EUT

Description	Notebook PC
Model name	NP755XDA
FCC ID	ZCANP755XDA

Note: Components list, please refer to documents of the manufacturer; it is also included in the original test record of T CTTL-Telecommunication Technology Labs, CAICT

3.2. Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version
EUT1	2270125UT13a	REV1.0	Windows10-Pro
EUT2	2270125UT15a	REV1.0	Windows10-Pro

*EUT ID: is used to identify the test sample in the lab internally.

3.3. Internal Identification of AE used during the test

AE ID*	Description	SN	Remarks
AE1	Travel Adapter	/	/
AE2	Data Cable	/	/
AE3	battery	/	Inbuilt

AE1

Model	EP-TA865
Manufacturer	SOLU-M
Length of cable	/

AE2

Model	/
Manufacturer	/
Length of cable	/

AE3

Model	/
Manufacturer	/

*AE ID: is used to identify the test sample in the lab internally.

3.4. General Description

The Equipment Under Test (EUT) was a Notebook PC with Bluetooth, Bluetooth Low Energy and 802.11 a/b/g/n/ac/ax capabilities in the 2.4 GHz and 5 GHz bands.

Manual and specifications of the EUT were provided to fulfil the test.

Samples undergoing test were selected by the Client.

For more EUT information please refers to the manufacturer's specifications or user's manual.

3.5. Test Configuration

For 802.11a mode the EUT can transmit at both CHAIN A and CHAIN B RF outputs individually, but not simultaneously.

For 802.11n20 & 802.11ac20 & 802.11ax20 (20 MHz channel bandwidth), 802.11n40 & 802.11ac40 & 802.11ax40 (40MHz channel bandwidth), 802.11ac80 & 802.11ax80 (80MHz channel bandwidth) and 802.11ac160 & 802.11ax160 (160MHz channel bandwidth) modes the EUT can transmit at both CHAIN A and CHAIN B RF outputs individually, and also simultaneously(MIMO).

The software DRTU provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.

3.6. Interpretation of the Test Environment

For the test methods, the test environment uncertainty figures correspond to an expansion factor $k=2$.

Measurement Uncertainty

Parameter	Uncertainty
temperature	0.48°C
humidity	2 %
DC voltages	0.003V

4. REFERENCE DOCUMENTS

4.1. Documents supplied by applicant

EUT feature information is supplied by the applicant or manufacturer, which is the basis of testing.

4.2. Reference Documents for testing

The following documents listed in this section are referred for testing.

Reference	Title	Version
FCC Part15	FCC CFR 47, Part 15, Subpart C and E: 15.205 Restricted bands of operation; 15.209 Radiated emission limits, general requirements; 15.407 General technical requirements	2021
ANSI C63.10	Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz	2013
UNII: KDB 789033 D02	General U-NII Test Procedures New Rules v02r01	2017-12

Note: The test methods have no deviation with standards.

5. SUMMARY OF TEST RESULTS

5.1. Summary of Test Results

SUMMARY OF MEASUREMENT RESULTS	Sub-clause of Part15	Verdict
Radiated Spurious Emission	15.407, 15.205, 15.209	P
AC Power line Conducted Emission	15.407, 15.207	P

Please refer to **ANNEX C** for detail.

Terms used in Verdict column

P	Pass, The EUT complies with the essential requirements in the standard.
NP	Not Perform, The test was not performed by CTTL
BR	Re-use test data from basic model report.
NA	Not Applicable, The test was not applicable
F	Fail, The EUT does not comply with the essential requirements in the standard

5.2. Statements

The test cases as listed in section 5.1 of this report for the EUT specified in section 3 was performed by CTTL and according to the standards or reference documents listed in section 4.2 The EUT met all requirements of the standards or reference documents, and only the WLAN function was tested in this report.

5.3. Test Conditions

T nom	Normal Temperature
T min	Low Temperature
T max	High Temperature
V nom	Normal Voltage

For this report, if the test cases listed above are tested under normal temperature and normal voltage, and also under norm humidity, the specific condition is shown as follows:

Temperature	T nom	15-35°C
Voltage	V nom	15.4V
Humidity	H nom	20-75%

6. TEST EQUIPMENTS UTILIZED

Radiated emission test system

No.	Equipment	Model	Manufacturer	Serial Number	Calibration Period	Calibration Due date
1	Test Receiver	ESW44	R&S	103023	1 year	2022-10-18
2	Analytical Spectrometer	FSV40	R&S	101407	1 year	2022-06-03
3	EMI Antenna	VULB 9163	SCHWARZBECK	483	1 year	2022-08-24
4	EMI Antenna	3115	ETS-Lindgren	00167250	1 year	2022-07-01
5	EMI Antenna	3116	ETS-Lindgren	2663	1 year	2022-08-11
6	Loop Antenna	HFH2-Z2	R&S	829324/007	1 year	2022-12-22

AC Power Line Conducted Emission

No.	Equipment	Model	Manufacturer	Serial Number	Calibration Period	Calibration Due date
1	LISN	ENV216	R&S	101200	1 year	2022-05-30
2	Test Receiver	ESCI	R&S	100344	1 year	2023-03-21

7. Measurement Uncertainty

Radiated Spurious Emission

Frequency Range	Uncertainty(dB) (k=2)
9kHz-30MHz	4.92
$30\text{MHz} \leq f \leq 1\text{GHz}$	5.15
$1\text{GHz} \leq f \leq 18\text{GHz}$	5.54
$18\text{GHz} \leq f \leq 40\text{GHz}$	5.26

AC Power-line Conducted Emission

Measurement Uncertainty: 3.10dB, k=2



ANNEX A: EUT parameters

Disclaimer: The antenna gain and setting power provided by the client may affect the validity of the measurement results in this report, and the client shall bear the impact and consequences arising therefrom.

ANNEX B: Antenna Requirements

According to FCC 47 CFR § 15.203, §15.407:

“An intentional radiator antenna shall be designed to ensure that no antenna other than that furnished by the responsible party can be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.”

- (1) The antennas of the EUT are permanently attached.
- (2) The EUT complies with the requirement of §15.203, §15.407.

ANNEX C: Detailed Test Results

C.1. Radiated Spurious Emission

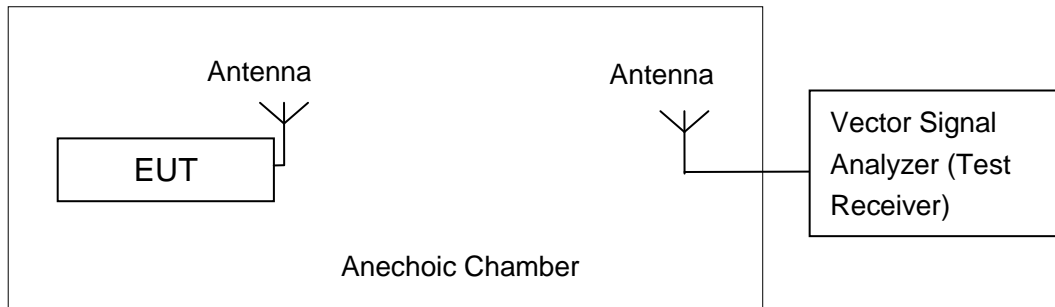
Specification Reference

FCC 47 CFR Part 15, Clause 15.407 (b), Clause 15.205, Clause 15.209

Method of Measurement

Testing was performed in accordance with ANSI C63.10-2013 and KDB 789033.

The radiated emission test is performed in a semi-anechoic chamber. The distance from the EUT to the reference point of measurement antenna is 3m. The test is carried out on both vertical and horizontal polarization and only the 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.



Measurement Limit

Standard	Limit
FCC 47 CFR Part 15.407	<p>(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>

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(μV/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(dBμV/m)	Measurement distance(m)
30-88	40.0	3
88-216	43.5	3
216-960	46.0	3
Above 960	54.0	3

Test settings

Frequency of emission (MHz)	RBW/√BW
30-1000	100kHz/300kHz
1000-4000	1MHz/3MHz
4000-18000	1MHz/3MHz
18000-26500	1MHz/3MHz
26500-40000	1MHz/3MHz

Sample Calculation

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 dBμV/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.

Test Notes

1. The EUT is operating at its maximum duty cycle and its maximum power control level.
2. Investigation has been done on all channel, modes and modulations/data rates. Only the radiated emissions of the configurations that produced the worst case emissions are reported in this section.
3. The measurements were performed separately in Chain A, Chain B, and MIMO (Chain A+B), and only the worst cases are shown in this report.

C.1.1 Radiated Spurious Emission- above 1GHz

The measurements were performed separately in Chain A, Chain B, and MIMO (Chain A+B), and only the worst cases are shown in this section.

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)
17998.300	42.09	-25.50	46.66	20.93	54.00	11.91	V
17989.000	41.86	-25.50	46.66	20.70	54.00	12.14	H
13359.600	38.00	-29.49	39.71	27.78	54.00	16.00	H
13345.900	37.91	-29.49	39.71	27.69	54.00	16.09	H
5128.100	40.92	-27.61	33.67	34.86	54.00	13.08	H
5129.600	40.85	-27.61	33.67	34.79	54.00	13.15	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)
17991.200	42.07	-25.50	46.66	20.91	54.00	11.93	H
17993.400	41.91	-25.50	46.66	20.75	54.00	12.09	H
13336.500	38.24	-29.49	39.71	28.02	54.00	15.76	V
14498.100	37.93	-28.59	42.46	24.06	54.00	16.07	H
11051.900	36.34	-32.49	38.72	30.10	54.00	17.66	H
11045.800	36.31	-32.49	38.72	30.07	54.00	17.69	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)
17996.200	42.07	-25.50	46.66	20.91	54.00	11.93	H
17723.300	41.92	-25.74	45.95	21.71	54.00	12.08	V
13332.100	38.13	-29.49	39.71	27.91	54.00	15.87	H
13336.000	38.01	-29.49	39.71	27.79	54.00	15.99	V
11043.000	36.35	-32.49	38.72	30.11	54.00	17.65	H
11924.700	36.35	-31.48	39.09	28.74	54.00	17.65	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)
17995.600	42.02	-25.50	46.66	20.86	54.00	11.98	V
17939.500	41.98	-25.50	46.66	20.82	54.00	12.02	V
13355.800	38.10	-29.49	39.71	27.88	54.00	15.90	V
13380.500	38.01	-29.49	39.71	27.79	54.00	15.99	V
11931.900	36.34	-31.48	39.09	28.73	54.00	17.66	H
11956.000	36.33	-31.48	39.09	28.72	54.00	17.67	H

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)
17987.900	41.96	-25.50	46.66	20.80	54.00	12.04	H
17777.200	41.83	-25.50	46.66	20.67	54.00	12.17	H
13336.500	38.19	-29.49	39.71	27.97	54.00	15.81	H
13350.900	37.96	-29.49	39.71	27.74	54.00	16.04	H
11046.900	36.29	-32.49	38.72	30.05	54.00	17.71	H
11846.000	36.29	-31.85	39.05	29.09	54.00	17.71	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)
17998.300	42.28	-25.50	46.66	21.12	54.00	11.72	V
17725.000	42.15	-25.74	45.95	21.94	54.00	11.85	V
14499.800	38.84	-28.59	42.46	24.97	54.00	15.16	H
13355.200	38.65	-29.49	39.71	28.43	54.00	15.35	H
5350.100	41.19	-27.43	34.01	34.61	54.00	12.81	V
5362.000	41.16	-27.43	34.01	34.58	54.00	12.84	V

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)
17933.500	42.01	-25.50	46.66	20.85	54.00	11.99	H
17996.700	41.91	-25.50	46.66	20.75	54.00	12.09	H
13334.400	38.15	-29.49	39.71	27.93	54.00	15.85	H
14476.700	38.06	-28.59	42.46	24.19	54.00	15.94	H
5456.100	40.78	-27.18	34.17	33.79	54.00	13.22	V
5458.500	40.78	-27.18	34.17	33.79	54.00	13.22	V

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)
17975.200	42.20	-25.50	46.66	21.04	54.00	11.80	H
17936.800	41.82	-25.50	46.66	20.66	54.00	12.18	H
13347.500	38.04	-29.49	39.71	27.82	54.00	15.96	V
13336.000	37.96	-29.49	39.71	27.74	54.00	16.04	H
11044.700	36.23	-32.49	38.72	29.99	54.00	17.77	V
11940.600	36.21	-31.48	39.09	28.60	54.00	17.79	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)
17996.700	42.25	-25.50	46.66	21.09	54.00	11.75	V
17737.700	42.18	-25.50	46.66	21.02	54.00	11.82	H
13357.500	38.29	-29.49	39.71	28.07	54.00	15.71	V
13353.600	37.91	-29.49	39.71	27.69	54.00	16.09	V
11940.600	36.21	-31.48	39.09	28.60	54.00	17.79	H
11929.600	36.20	-31.48	39.09	28.59	54.00	17.80	V

Channel 144

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)
17996.20	42.02	-25.50	46.66	20.86	54.00	11.98	V
17974.20	41.94	-25.50	46.66	20.78	54.00	12.06	H
13343.70	38.33	-29.49	39.71	28.11	54.00	15.67	V
13336.00	38.16	-29.49	39.71	27.94	54.00	15.84	V
11048.50	36.47	-32.49	38.72	30.23	54.00	17.53	H
11854.30	36.39	-31.85	39.05	29.19	54.00	17.61	V

802.11n-HT20

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)
17981.300	42.07	-25.50	46.66	20.91	54.00	11.93	H
17755.200	41.95	-25.50	46.66	20.79	54.00	12.05	H
13333.800	38.08	-29.49	39.71	27.86	54.00	15.92	H
13346.500	38.01	-29.49	39.71	27.79	54.00	15.99	H
5142.800	41.42	-27.61	33.67	35.36	54.00	12.58	H
5146.000	41.40	-27.61	33.67	35.34	54.00	12.60	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)
17989.000	42.17	-25.50	46.66	21.01	54.00	11.83	H
17995.600	42.01	-25.50	46.66	20.85	54.00	11.99	V
13336.000	37.98	-29.49	39.71	27.76	54.00	16.02	H
13350.300	37.98	-29.49	39.71	27.76	54.00	16.02	V
11045.800	36.47	-32.49	38.72	30.23	54.00	17.53	V
11526.000	36.30	-32.26	38.84	29.73	54.00	17.70	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)
17983.000	42.11	-25.50	46.66	20.95	54.00	11.89	H
17984.000	41.78	-25.50	46.66	20.62	54.00	12.22	H
14498.700	38.10	-28.59	42.46	24.23	54.00	15.90	V
13339.300	37.96	-29.49	39.71	27.74	54.00	16.04	V
11051.300	36.35	-32.49	38.72	30.11	54.00	17.65	V
11933.500	36.30	-31.48	39.09	28.69	54.00	17.70	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)
17942.800	41.98	-25.50	46.66	20.82	54.00	12.02	V
17978.000	41.91	-25.50	46.66	20.75	54.00	12.09	H
14480.500	37.94	-28.59	42.46	24.07	54.00	16.06	H
14488.200	37.86	-28.59	42.46	23.99	54.00	16.14	H
11936.800	36.42	-31.48	39.09	28.81	54.00	17.58	V
11039.800	36.24	-32.49	38.72	30.00	54.00	17.76	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)
17973.600	41.97	-25.50	46.66	20.81	54.00	12.03	H
17961.000	41.92	-25.50	46.66	20.76	54.00	12.08	H
13382.800	38.03	-29.49	39.71	27.81	54.00	15.97	V
13342.000	37.97	-29.49	39.71	27.75	54.00	16.03	V
11037.000	36.27	-32.49	38.72	30.03	54.00	17.73	V
11986.900	36.27	-31.48	39.09	28.66	54.00	17.73	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)
17978.000	41.90	-25.50	46.66	20.74	54.00	12.10	V
17741.500	41.76	-25.50	46.66	20.60	54.00	12.24	H
13348.600	37.96	-29.49	39.71	27.74	54.00	16.04	V
14485.500	37.89	-28.59	42.46	24.02	54.00	16.11	H
5362.600	42.09	-27.43	34.01	35.51	54.00	11.91	V
5378.200	41.94	-27.36	34.09	35.22	54.00	12.06	V

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)
17998.900	41.86	-25.50	46.66	20.70	54.00	12.14	V
17996.200	41.79	-25.50	46.66	20.63	54.00	12.21	V
14488.800	38.48	-28.59	42.46	24.61	54.00	15.52	V
13337.100	37.99	-29.49	39.71	27.77	54.00	16.01	H
5454.000	40.99	-27.18	34.17	34.00	54.00	13.01	V
5440.800	40.91	-27.18	34.17	33.92	54.00	13.09	V

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)
17954.900	41.90	-25.50	46.66	20.74	54.00	12.10	V
17998.900	41.78	-25.50	46.66	20.62	54.00	12.22	H
14491.000	37.95	-28.59	42.46	24.08	54.00	16.05	H
13341.000	37.91	-29.49	39.71	27.69	54.00	16.09	H
11046.900	36.36	-32.49	38.72	30.12	54.00	17.64	V
11858.700	36.30	-31.85	39.05	29.10	54.00	17.70	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)
17998.900	42.00	-25.50	46.66	20.84	54.00	12.00	V
17990.100	41.80	-25.50	46.66	20.64	54.00	12.20	H
13353.000	38.13	-29.49	39.71	27.91	54.00	15.87	H
14487.100	37.99	-28.59	42.46	24.12	54.00	16.01	H
11837.200	36.37	-31.85	39.05	29.17	54.00	17.63	H
11947.200	36.29	-31.48	39.09	28.68	54.00	17.71	H

Channel 144

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)
17997.80	42.02	-25.50	46.66	20.86	54.00	11.98	H
17862.00	42.01	-25.50	46.66	20.85	54.00	11.99	V
14494.30	37.98	-28.59	42.46	24.11	54.00	16.02	V
13326.60	37.92	-29.49	39.71	27.70	54.00	16.08	H
11947.20	36.29	-31.48	39.09	28.68	54.00	17.71	H
11856.00	36.20	-31.85	39.05	29.00	54.00	17.80	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)
17715.100	42.11	-25.74	45.95	21.90	54.00	11.89	H
17966.500	42.06	-25.50	46.66	20.90	54.00	11.94	H
14478.900	38.14	-28.59	42.46	24.27	54.00	15.86	V
14495.400	38.11	-28.59	42.46	24.24	54.00	15.89	H
5145.500	41.34	-27.61	33.67	35.28	54.00	12.66	V
5147.700	41.25	-27.61	33.67	35.19	54.00	12.75	V

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)
17993.400	41.91	-25.50	46.66	20.75	54.00	12.09	H
17970.300	41.90	-25.50	46.66	20.74	54.00	12.10	H
13341.500	37.98	-29.49	39.71	27.76	54.00	16.02	V
13336.500	37.97	-29.49	39.71	27.75	54.00	16.03	V
11533.600	36.42	-32.26	38.84	29.85	54.00	17.58	H
11961.500	36.34	-31.48	39.09	28.73	54.00	17.66	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)
17996.200	41.88	-25.50	46.66	20.72	54.00	12.12	H
17975.800	41.84	-25.50	46.66	20.68	54.00	12.16	H
14499.200	38.09	-28.59	42.46	24.22	54.00	15.91	V
14496.000	37.96	-28.59	42.46	24.09	54.00	16.04	V
11045.800	36.47	-32.49	38.72	30.23	54.00	17.53	H
11921.400	36.36	-31.48	39.09	28.75	54.00	17.64	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)
17974.700	41.94	-25.50	46.66	20.78	54.00	12.06	H
17961.000	41.80	-25.50	46.66	20.64	54.00	12.20	H
14495.400	37.99	-28.59	42.46	24.12	54.00	16.01	V
13342.600	37.98	-29.49	39.71	27.76	54.00	16.02	H
5350.400	43.63	-27.43	34.01	37.05	54.00	10.37	V
5350.100	43.54	-27.43	34.01	36.96	54.00	10.46	V

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)
17779.500	41.92	-25.50	46.66	20.76	54.00	12.08	V
17765.200	41.89	-25.50	46.66	20.73	54.00	12.11	V
13351.400	38.13	-29.49	39.71	27.91	54.00	15.87	V
14494.300	38.07	-28.59	42.46	24.20	54.00	15.93	H
5381.300	40.86	-27.36	34.09	34.14	54.00	13.14	V
5427.300	40.86	-27.36	34.09	34.14	54.00	13.14	V

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)
17776.200	41.91	-25.50	46.66	20.75	54.00	12.09	V
17975.200	41.88	-25.50	46.66	20.72	54.00	12.12	V
13351.400	38.00	-29.49	39.71	27.78	54.00	16.00	H
13361.900	38.00	-29.49	39.71	27.78	54.00	16.00	H
11040.900	36.22	-32.49	38.72	29.98	54.00	17.78	V
11532.000	36.19	-32.26	38.84	29.62	54.00	17.81	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)
17998.300	41.96	-25.50	46.66	20.80	54.00	12.04	H
17950.500	41.94	-25.50	46.66	20.78	54.00	12.06	H
13332.700	38.21	-29.49	39.71	27.99	54.00	15.79	H
13325.000	37.93	-29.49	39.71	27.71	54.00	16.07	V
11925.200	36.31	-31.48	39.09	28.70	54.00	17.69	H
11924.100	36.29	-31.48	39.09	28.68	54.00	17.71	V

Channel 142

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)
17996.70	42.08	-25.50	46.66	20.92	54.00	11.92	H
17984.00	41.88	-25.50	46.66	20.72	54.00	12.12	V
13328.30	37.99	-29.49	39.71	27.77	54.00	16.01	H
13323.40	37.86	-29.49	39.71	27.64	54.00	16.14	H
11928.50	36.24	-31.48	39.09	28.63	54.00	17.76	H
11859.80	36.18	-31.85	39.05	28.98	54.00	17.82	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)
17948.300	42.03	-25.50	46.66	20.87	54.00	11.97	H
17998.900	41.99	-25.50	46.66	20.83	54.00	12.01	H
14491.000	38.40	-28.59	42.46	24.53	54.00	15.60	V
13333.200	38.12	-29.49	39.71	27.90	54.00	15.88	V
5142.900	41.08	-27.61	33.67	35.02	54.00	12.92	H
5143.600	40.94	-27.61	33.67	34.88	54.00	13.06	V

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)
17950.000	42.02	-25.50	46.66	20.86	54.00	11.98	V
17963.700	41.92	-25.50	46.66	20.76	54.00	12.08	V
14499.200	38.12	-28.59	42.46	24.25	54.00	15.88	V
13332.100	37.93	-29.49	39.71	27.71	54.00	16.07	H
11929.100	36.44	-31.48	39.09	28.83	54.00	17.56	V
11048.500	36.23	-32.49	38.72	29.99	54.00	17.77	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)
17923.500	42.13	-25.50	46.66	20.97	54.00	11.87	V
17976.300	41.83	-25.50	46.66	20.67	54.00	12.17	V
13356.400	37.94	-29.49	39.71	27.72	54.00	16.06	H
13346.500	37.83	-29.49	39.71	27.61	54.00	16.17	H
11930.800	36.29	-31.48	39.09	28.68	54.00	17.71	V
11053.000	36.24	-32.49	38.72	30.00	54.00	17.76	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)
17997.800	42.25	-25.50	46.66	21.09	54.00	11.75	V
17995.600	41.93	-25.50	46.66	20.77	54.00	12.07	H
13364.600	38.21	-29.49	39.71	27.99	54.00	15.79	H
13352.500	38.19	-29.49	39.71	27.97	54.00	15.81	H
11930.200	36.68	-31.48	39.09	29.07	54.00	17.32	V
11895.500	36.52	-31.85	39.05	29.32	54.00	17.48	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)
17998.300	42.29	-25.50	46.66	21.13	54.00	11.71	V
17990.100	42.02	-25.50	46.66	20.86	54.00	11.98	V
13339.900	38.30	-29.49	39.71	28.08	54.00	15.70	H
13345.400	37.98	-29.49	39.71	27.76	54.00	16.02	H
10962.200	36.46	-32.82	38.70	30.58	54.00	17.54	V
11935.700	36.44	-31.48	39.09	28.83	54.00	17.56	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)
17988.500	42.48	-25.50	46.66	21.32	54.00	11.52	H
17951.600	42.18	-25.50	46.66	21.02	54.00	11.82	V
13347.000	38.27	-29.49	39.71	28.05	54.00	15.73	V
13334.400	38.09	-29.49	39.71	27.87	54.00	15.91	V
5361.800	42.36	-27.43	34.01	35.78	54.00	11.64	V
5362.200	42.14	-27.43	34.01	35.56	54.00	11.86	V

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)
17977.500	41.78	-25.50	46.66	20.62	54.00	12.22	V
17769.500	41.75	-25.50	46.66	20.59	54.00	12.25	H
13348.100	38.39	-29.49	39.71	28.17	54.00	15.61	H
14498.700	37.92	-28.59	42.46	24.05	54.00	16.08	V
5429.100	41.05	-27.18	34.17	34.06	54.00	12.95	H
5438.400	41.01	-27.18	34.17	34.02	54.00	12.99	V

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)
17936.800	42.03	-25.50	46.66	20.87	54.00	11.97	V
17983.500	41.89	-25.50	46.66	20.73	54.00	12.11	H
13355.200	38.00	-29.49	39.71	27.78	54.00	16.00	H
14485.000	37.89	-28.59	42.46	24.02	54.00	16.11	H
11939.000	36.55	-31.48	39.09	28.94	54.00	17.45	V
11930.200	36.36	-31.48	39.09	28.75	54.00	17.64	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)
17976.900	41.93	-25.50	46.66	20.77	54.00	12.07	V
17965.900	41.92	-25.50	46.66	20.76	54.00	12.08	H
13338.200	38.04	-29.49	39.71	27.82	54.00	15.96	H
13344.800	37.96	-29.49	39.71	27.74	54.00	16.04	V
11945.600	36.51	-31.48	39.09	28.90	54.00	17.49	V
11956.600	36.19	-31.48	39.09	28.58	54.00	17.81	H

Channel 144

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)
17958.80	41.97	-25.50	46.66	20.81	54.00	12.03	H
17976.30	41.92	-25.50	46.66	20.76	54.00	12.08	V
13341.00	38.17	-29.49	39.71	27.95	54.00	15.83	H
13348.60	38.05	-29.49	39.71	27.83	54.00	15.95	H
11045.20	36.38	-32.49	38.72	30.14	54.00	17.62	H
11047.50	36.26	-32.49	38.72	30.02	54.00	17.74	V

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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)
17987.300	41.94	-25.50	46.66	20.78	54.00	12.06	H
17997.800	41.86	-25.50	46.66	20.70	54.00	12.14	H
14488.800	37.98	-28.59	42.46	24.11	54.00	16.02	V
13333.800	37.89	-29.49	39.71	27.67	54.00	16.11	H
5148.700	41.50	-27.61	33.67	35.44	54.00	12.50	V
5148.500	41.44	-27.61	33.67	35.38	54.00	12.56	V

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	41.92	-25.50	46.66	20.76	54.00	12.08	V
17980.800	41.87	-25.50	46.66	20.71	54.00	12.13	H
13322.800	37.87	-29.49	39.71	27.65	54.00	16.13	V
13339.900	37.87	-29.49	39.71	27.65	54.00	16.13	H
11046.900	36.44	-32.49	38.72	30.20	54.00	17.56	V
11045.200	36.28	-32.49	38.72	30.04	54.00	17.72	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)
17996.700	41.84	-25.50	46.66	20.68	54.00	12.16	H
17995.000	41.79	-25.50	46.66	20.63	54.00	12.21	V
13347.000	38.09	-29.49	39.71	27.87	54.00	15.91	V
14498.100	38.06	-28.59	42.46	24.19	54.00	15.94	H
11918.100	36.48	-31.48	39.09	28.87	54.00	17.52	V
11043.600	36.46	-32.49	38.72	30.22	54.00	17.54	H

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)
17991.200	41.94	-25.50	46.66	20.78	54.00	12.06	H
17715.700	41.89	-25.74	45.95	21.68	54.00	12.11	V
13349.800	38.03	-29.49	39.71	27.81	54.00	15.97	V
14496.500	38.00	-28.59	42.46	24.13	54.00	16.00	V
5350.400	43.55	-27.43	34.01	36.97	54.00	10.45	V
5350.100	43.34	-27.43	34.01	36.76	54.00	10.66	V

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)
17989.000	41.92	-25.50	46.66	20.76	54.00	12.08	H
17943.300	41.79	-25.50	46.66	20.63	54.00	12.21	H
13328.300	38.12	-29.49	39.71	27.90	54.00	15.88	H
13344.800	37.92	-29.49	39.71	27.70	54.00	16.08	H
5444.900	40.95	-27.18	34.17	33.96	54.00	13.05	V
5457.400	40.89	-27.18	34.17	33.90	54.00	13.11	V

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)
17975.800	41.79	-25.50	46.66	20.63	54.00	12.21	V
17770.100	41.78	-25.50	46.66	20.62	54.00	12.22	V
13353.000	38.13	-29.49	39.71	27.91	54.00	15.87	H
14494.300	38.13	-28.59	42.46	24.26	54.00	15.87	H
11043.000	36.85	-32.49	38.72	30.61	54.00	17.15	V
11856.500	36.36	-31.85	39.05	29.16	54.00	17.64	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)
17992.800	42.13	-25.50	46.66	20.97	54.00	11.87	H
17966.500	41.80	-25.50	46.66	20.64	54.00	12.20	H
13364.000	38.17	-29.49	39.71	27.95	54.00	15.83	H
14484.400	38.10	-28.59	42.46	24.23	54.00	15.90	V
11045.800	36.33	-32.49	38.72	30.09	54.00	17.67	V
11854.300	36.13	-31.85	39.05	28.93	54.00	17.87	V

Channel 142

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)
17960.40	41.83	-25.50	46.66	20.67	54.00	12.17	V
17945.50	41.77	-25.50	46.66	20.61	54.00	12.23	V
13350.30	38.01	-29.49	39.71	27.79	54.00	15.99	V
14485.50	38.01	-28.59	42.46	24.14	54.00	15.99	H
11526.50	36.22	-32.26	38.84	29.65	54.00	17.78	H
11034.20	36.16	-32.49	38.72	29.92	54.00	17.84	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)
17979.700	41.78	-25.50	46.66	20.62	54.00	12.22	H
17748.700	41.76	-25.50	46.66	20.60	54.00	12.24	H
13347.000	37.86	-29.49	39.71	27.64	54.00	16.14	V
13366.800	37.80	-29.49	39.71	27.58	54.00	16.20	V
5148.500	41.86	-27.61	33.67	35.80	54.00	12.14	H
5146.900	41.85	-27.61	33.67	35.79	54.00	12.15	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)
17996.200	42.06	-25.50	46.66	20.90	54.00	11.94	V
17767.300	41.96	-25.50	46.66	20.80	54.00	12.04	H
14490.500	38.13	-28.59	42.46	24.26	54.00	15.87	V
13351.400	37.89	-29.49	39.71	27.67	54.00	16.11	H
5352.000	42.54	-27.43	34.01	35.96	54.00	11.46	V
5354.400	42.25	-27.43	34.01	35.67	54.00	11.75	V

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)
17977.500	41.90	-25.50	46.66	20.74	54.00	12.10	V
17720.600	41.87	-25.74	45.95	21.66	54.00	12.13	H
13340.400	38.07	-29.49	39.71	27.85	54.00	15.93	V
13360.200	37.95	-29.49	39.71	27.73	54.00	16.05	H
5458.500	41.69	-27.18	34.17	34.70	54.00	12.31	V
5453.300	41.56	-27.18	34.17	34.57	54.00	12.44	V

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)
17970.300	41.97	-25.50	46.66	20.81	54.00	12.03	H
17991.800	41.91	-25.50	46.66	20.75	54.00	12.09	V
14496.500	37.97	-28.59	42.46	24.10	54.00	16.03	H
13354.700	37.84	-29.49	39.71	27.62	54.00	16.16	H
11048.000	36.31	-32.49	38.72	30.07	54.00	17.69	V
11936.200	36.27	-31.48	39.09	28.66	54.00	17.73	H

Channel 138

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)
17973.00	41.90	-25.50	46.66	20.74	54.00	12.10	H
17943.30	41.85	-25.50	46.66	20.69	54.00	12.15	V
14497.00	38.33	-28.59	42.46	24.46	54.00	15.67	H
13324.50	37.88	-29.49	39.71	27.66	54.00	16.12	V
12000.00	36.72	-31.48	39.09	29.11	54.00	17.28	V
11863.60	36.10	-31.85	39.05	28.90	54.00	17.90	H

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Channel 50

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)
17992.800	42.03	-25.50	46.66	20.87	54.00	11.97	V
13308.000	37.87	-29.49	39.71	27.65	54.00	16.13	H
5149.600	42.16	-27.61	33.67	36.10	54.00	11.84	H
5149.800	42.14	-27.61	33.67	36.08	54.00	11.86	H
5356.100	43.40	-27.43	34.01	36.82	54.00	10.60	V
5359.600	43.11	-27.43	34.01	36.53	54.00	10.89	V

Channel 114

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)
17998.300	41.80	-25.50	46.66	20.64	54.00	12.20	H
14483.300	38.14	-28.59	42.46	24.27	54.00	15.86	H
5457.400	42.70	-27.18	34.17	35.71	54.00	11.30	V
5459.200	42.42	-27.18	34.17	35.43	54.00	11.58	V
11939.500	36.36	-31.48	39.09	28.75	54.00	17.64	V
11911.500	36.30	-31.85	39.05	29.10	54.00	17.70	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)
17996.700	41.81	-25.50	46.66	20.65	54.00	12.19	H
17776.200	41.80	-25.50	46.66	20.64	54.00	12.20	V
13342.600	38.06	-29.49	39.71	27.84	54.00	15.94	V
14490.500	38.04	-28.59	42.46	24.17	54.00	15.96	V
5142.500	41.32	-27.61	33.67	35.26	54.00	12.68	H
5143.800	41.31	-27.61	33.67	35.25	54.00	12.69	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)
17996.200	42.19	-25.50	46.66	21.03	54.00	11.81	H
17974.700	41.98	-25.50	46.66	20.82	54.00	12.02	H
13338.200	38.17	-29.49	39.71	27.95	54.00	15.83	H
13328.300	38.02	-29.49	39.71	27.80	54.00	15.98	H
11926.900	36.43	-31.48	39.09	28.82	54.00	17.57	H
11054.600	36.33	-32.49	38.72	30.09	54.00	17.67	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)
17954.300	42.25	-25.50	46.66	21.09	54.00	11.75	V
17969.200	41.85	-25.50	46.66	20.69	54.00	12.15	H
13342.600	37.97	-29.49	39.71	27.75	54.00	16.03	V
13334.900	37.87	-29.49	39.71	27.65	54.00	16.13	V
11992.400	36.32	-31.48	39.09	28.71	54.00	17.68	H
10955.600	36.28	-32.82	38.70	30.40	54.00	17.72	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)
17957.700	42.14	-25.50	46.66	20.98	54.00	11.86	V
17995.600	42.12	-25.50	46.66	20.96	54.00	11.88	V
13333.200	38.22	-29.49	39.71	28.00	54.00	15.78	V
13339.900	38.11	-29.49	39.71	27.89	54.00	15.89	H
11938.500	36.29	-31.48	39.09	28.68	54.00	17.71	H
11539.100	36.20	-32.26	38.84	29.63	54.00	17.80	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)
17997.200	42.45	-25.50	46.66	21.29	54.00	11.55	H
17984.600	42.22	-25.50	46.66	21.06	54.00	11.78	H
14494.900	38.13	-28.59	42.46	24.26	54.00	15.87	V
13338.200	38.05	-29.49	39.71	27.83	54.00	15.95	H
11048.500	36.53	-32.49	38.72	30.29	54.00	17.47	V
11857.600	36.49	-31.85	39.05	29.29	54.00	17.51	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)
17998.900	41.98	-25.50	46.66	20.82	54.00	12.02	V
17997.200	41.89	-25.50	46.66	20.73	54.00	12.11	H
14488.200	38.19	-28.59	42.46	24.32	54.00	15.81	V
13333.800	38.06	-29.49	39.71	27.84	54.00	15.94	H
5377.000	42.03	-27.36	34.09	35.31	54.00	11.97	V
5352.400	41.87	-27.43	34.01	35.29	54.00	12.13	V

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)
17998.900	41.87	-25.50	46.66	20.71	54.00	12.13	H
17989.000	41.86	-25.50	46.66	20.70	54.00	12.14	V
14498.700	38.10	-28.59	42.46	24.23	54.00	15.90	V
13338.800	37.89	-29.49	39.71	27.67	54.00	16.11	H
5425.200	40.98	-27.36	34.09	34.26	54.00	13.02	V
5455.300	40.96	-27.18	34.17	33.97	54.00	13.04	V

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)
17992.800	41.88	-25.50	46.66	20.72	54.00	12.12	H
17986.800	41.77	-25.50	46.66	20.61	54.00	12.23	V
14497.000	38.11	-28.59	42.46	24.24	54.00	15.89	V
14497.600	37.96	-28.59	42.46	24.09	54.00	16.04	H
11048.500	36.44	-32.49	38.72	30.20	54.00	17.56	V
11451.100	36.22	-32.26	38.84	29.65	54.00	17.78	H

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)
17874.600	42.01	-25.50	46.66	20.85	54.00	11.99	H
17991.800	42.01	-25.50	46.66	20.85	54.00	11.99	H
13328.900	38.09	-29.49	39.71	27.87	54.00	15.91	H
14486.000	37.79	-28.59	42.46	23.92	54.00	16.21	H
11051.900	36.38	-32.49	38.72	30.14	54.00	17.62	H
11908.200	36.23	-31.85	39.05	29.03	54.00	17.77	H

Channel 144

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)
17720.00	41.86	-25.74	45.95	21.65	54.00	12.14	H
17760.20	41.81	-25.50	46.66	20.65	54.00	12.19	H
13348.60	38.15	-29.49	39.71	27.93	54.00	15.85	V
13358.00	38.12	-29.49	39.71	27.90	54.00	15.88	H
11964.30	36.09	-31.48	39.09	28.48	54.00	17.91	V
11987.40	36.09	-31.48	39.09	28.48	54.00	17.91	V

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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)
17984.000	41.96	-25.50	46.66	20.80	54.00	12.04	V
17954.300	41.82	-25.50	46.66	20.66	54.00	12.18	H
13341.500	38.12	-29.49	39.71	27.90	54.00	15.88	H
13335.500	38.11	-29.49	39.71	27.89	54.00	15.89	V
5149.600	41.82	-27.61	33.67	35.76	54.00	12.18	V
5148.800	41.73	-27.61	33.67	35.67	54.00	12.27	V

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)
17958.200	41.86	-25.50	46.66	20.70	54.00	12.14	V
17856.500	41.80	-25.50	46.66	20.64	54.00	12.20	V
13341.500	38.05	-29.49	39.71	27.83	54.00	15.95	V
13334.400	37.99	-29.49	39.71	27.77	54.00	16.01	H
11920.900	36.36	-31.48	39.09	28.75	54.00	17.64	V
11043.000	36.27	-32.49	38.72	30.03	54.00	17.73	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)
17952.700	41.95	-25.50	46.66	20.79	54.00	12.05	V
17919.700	41.78	-25.50	46.66	20.62	54.00	12.22	H
14487.100	38.12	-28.59	42.46	24.25	54.00	15.88	V
14492.100	38.00	-28.59	42.46	24.13	54.00	16.00	V
11942.900	36.75	-31.48	39.09	29.14	54.00	17.25	H
11923.000	36.40	-31.48	39.09	28.79	54.00	17.60	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)
17991.200	41.87	-25.50	46.66	20.71	54.00	12.13	H
17944.500	41.74	-25.50	46.66	20.58	54.00	12.26	V
13327.200	38.19	-29.49	39.71	27.97	54.00	15.81	H
13340.400	38.06	-29.49	39.71	27.84	54.00	15.94	V
5350.200	43.63	-27.43	34.01	37.05	54.00	10.37	V
5350.700	43.33	-27.43	34.01	36.75	54.00	10.67	V

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)
17944.500	42.00	-25.50	46.66	20.84	54.00	12.00	H
17972.000	42.00	-25.50	46.66	20.84	54.00	12.00	H
13357.500	37.97	-29.49	39.71	27.75	54.00	16.03	H
13348.100	37.96	-29.49	39.71	27.74	54.00	16.04	V
5431.700	41.11	-27.18	34.17	34.12	54.00	12.89	V
5458.500	40.97	-27.18	34.17	33.98	54.00	13.03	V

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)
17984.000	41.83	-25.50	46.66	20.67	54.00	12.17	H
17994.500	41.78	-25.50	46.66	20.62	54.00	12.22	V
13341.000	37.75	-29.49	39.71	27.53	54.00	16.25	V
13331.000	37.73	-29.49	39.71	27.51	54.00	16.27	V
11045.200	36.37	-32.49	38.72	30.13	54.00	17.63	V
11904.900	36.35	-31.85	39.05	29.15	54.00	17.65	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)
17996.700	42.18	-25.50	46.66	21.02	54.00	11.82	V
17792.700	42.08	-25.50	46.66	20.92	54.00	11.92	H
13343.100	38.21	-29.49	39.71	27.99	54.00	15.79	V
13344.200	37.82	-29.49	39.71	27.60	54.00	16.18	H
11945.000	36.61	-31.48	39.09	29.00	54.00	17.39	V
11935.100	36.53	-31.48	39.09	28.92	54.00	17.47	H

Channel 142

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)
17990.70	42.25	-25.50	46.66	21.09	54.00	11.75	H
17965.30	41.92	-25.50	46.66	20.76	54.00	12.08	H
14498.10	38.09	-28.59	42.46	24.22	54.00	15.91	H
13342.00	37.97	-29.49	39.71	27.75	54.00	16.03	V
11043.60	36.14	-32.49	38.72	29.90	54.00	17.86	V
11865.90	36.11	-31.85	39.05	28.91	54.00	17.89	H

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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)
17984.600	41.67	-25.50	46.66	20.51	54.00	12.33	V
17969.800	41.61	-25.50	46.66	20.45	54.00	12.39	V
13346.500	38.29	-29.49	39.71	28.07	54.00	15.71	V
14486.000	37.96	-28.59	42.46	24.09	54.00	16.04	V
5148.000	41.54	-27.61	33.67	35.48	54.00	12.46	H
5147.900	41.53	-27.61	33.67	35.47	54.00	12.47	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)
17949.400	41.78	-25.50	46.66	20.62	54.00	12.22	V
17951.600	41.75	-25.50	46.66	20.59	54.00	12.25	V
13331.000	38.36	-29.49	39.71	28.14	54.00	15.64	H
13363.500	37.89	-29.49	39.71	27.67	54.00	16.11	V
5356.700	42.79	-27.43	34.01	36.21	54.00	11.21	V
5351.300	42.67	-27.43	34.01	36.09	54.00	11.33	V

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)
17955.500	41.89	-25.50	46.66	20.73	54.00	12.11	V
17997.200	41.77	-25.50	46.66	20.61	54.00	12.23	V
13339.900	38.03	-29.49	39.71	27.81	54.00	15.97	H
14479.500	38.01	-28.59	42.46	24.14	54.00	15.99	H
5459.500	42.06	-27.18	34.17	35.07	54.00	11.94	V
5457.900	41.83	-27.18	34.17	34.84	54.00	12.17	V

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)
17990.100	42.08	-25.50	46.66	20.92	54.00	11.92	H
17980.800	41.90	-25.50	46.66	20.74	54.00	12.10	H
13353.600	38.28	-29.49	39.71	28.06	54.00	15.72	V
14490.500	37.86	-28.59	42.46	23.99	54.00	16.14	H
11046.900	36.51	-32.49	38.72	30.27	54.00	17.49	H
11989.600	36.48	-31.48	39.09	28.87	54.00	17.52	V

Channel 138

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)
17965.90	42.04	-25.50	46.66	20.88	54.00	11.96	V
17723.30	41.85	-25.74	45.95	21.64	54.00	12.15	V
14491.00	37.87	-28.59	42.46	24.00	54.00	16.13	V
13330.00	37.81	-29.49	39.71	27.59	54.00	16.19	H
11938.50	36.40	-31.48	39.09	28.79	54.00	17.60	V
11942.30	36.20	-31.48	39.09	28.59	54.00	17.80	V

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Channel 50

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)
17998.900	42.07	-25.50	46.66	20.91	54.00	11.93	H
17994.000	42.00	-25.50	46.66	20.84	54.00	12.00	H
5148.300	41.67	-27.61	33.67	35.61	54.00	12.33	H
5141.200	41.64	-27.61	33.67	35.58	54.00	12.36	H
5360.700	42.63	-27.43	34.01	36.05	54.00	11.37	V
5351.500	42.52	-27.43	34.01	35.94	54.00	11.48	V

Channel 114

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)
17959.300	42.02	-25.50	46.66	20.86	54.00	11.98	V
13364.000	38.12	-29.49	39.71	27.90	54.00	15.88	V
5448.600	41.95	-27.18	34.17	34.96	54.00	12.05	V
5455.400	41.94	-27.18	34.17	34.95	54.00	12.06	V
10964.400	36.35	-32.82	38.70	30.47	54.00	17.65	H
11040.900	36.20	-32.49	38.72	29.96	54.00	17.80	H

PEAK 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)
17857.500	53.26	-25.50	46.66	32.10	74.00	20.74	V
17863.600	52.59	-25.50	46.66	31.43	74.00	21.41	V
13669.900	50.48	-29.50	40.43	39.55	68.30	17.82	H
13638.500	50.37	-29.50	40.43	39.44	68.30	17.93	V
5146.500	53.04	-27.61	33.67	46.98	74.00	20.96	H
5115.600	52.91	-27.61	33.67	46.85	74.00	21.09	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)
17970.300	52.59	-25.50	46.66	31.43	74.00	21.41	V
17957.700	52.48	-25.50	46.66	31.32	74.00	21.52	V
13433.400	50.71	-29.56	39.99	40.28	68.30	17.59	V
13552.100	50.38	-29.56	39.99	39.95	68.30	17.92	V
11918.100	47.35	-31.48	39.09	39.74	74.00	26.65	H
10547.000	46.79	-32.99	38.27	41.50	68.30	21.51	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)
17958.200	52.27	-25.50	46.66	31.11	74.00	21.73	H
17958.800	52.23	-25.50	46.66	31.07	74.00	21.77	V
13683.600	50.24	-29.50	40.43	39.31	68.30	18.06	V
13536.800	50.16	-29.56	39.99	39.73	68.30	18.14	V
10967.100	47.04	-32.82	38.70	41.16	74.00	26.96	V
11920.900	46.92	-31.48	39.09	39.31	74.00	27.08	H

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)
17892.800	52.59	-25.50	46.66	31.43	74.00	21.41	H
17704.100	52.36	-25.74	45.95	32.15	74.00	21.64	H
13659.400	50.59	-29.50	40.43	39.66	68.30	17.71	H
13652.800	49.90	-29.50	40.43	38.97	68.30	18.40	H
10945.100	47.26	-32.82	38.70	41.38	74.00	26.74	H
11868.600	47.12	-31.85	39.05	39.92	74.00	26.88	H

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)
17979.100	52.52	-25.50	46.66	31.36	74.00	21.48	H
17807.500	52.18	-25.50	46.66	31.02	74.00	21.82	H
13679.800	51.00	-29.50	40.43	40.07	68.30	17.30	H
13659.400	50.83	-29.50	40.43	39.90	68.30	17.47	H
11948.900	47.56	-31.48	39.09	39.95	74.00	26.44	H
10958.900	47.03	-32.82	38.70	41.15	74.00	26.97	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)
17853.200	54.01	-25.50	46.66	32.85	74.00	19.99	V
17411.000	53.54	-26.85	45.25	35.14	68.30	14.76	V
13794.100	50.54	-29.10	40.86	38.77	68.30	17.76	V
13682.000	50.48	-29.50	40.43	39.55	68.30	17.82	H
5413.600	52.97	-27.36	34.09	46.25	74.00	21.03	V
5365.500	52.92	-27.43	34.01	46.34	74.00	21.08	V

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)
17293.200	52.86	-25.95	44.35	34.45	68.30	15.44	V
17996.700	52.24	-25.50	46.66	31.08	74.00	21.76	H
13534.500	50.44	-29.56	39.99	40.01	68.30	17.86	H
13793.000	50.26	-29.10	40.86	38.49	68.30	18.04	H
5442.200	53.16	-27.18	34.17	46.17	74.00	20.84	V
5466.400	52.59	-27.18	34.17	45.60	68.30	15.71	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)
17842.200	53.20	-25.50	46.66	32.04	74.00	20.80	V
17897.700	52.73	-25.50	46.66	31.57	74.00	21.27	V
13757.900	50.28	-29.10	40.86	38.51	68.30	18.02	H
13652.200	50.21	-29.50	40.43	39.28	68.30	18.09	H
10581.000	47.21	-32.76	38.38	41.59	68.30	21.09	H
11520.500	47.19	-32.26	38.84	40.62	74.00	26.81	H

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)
17760.800	52.46	-25.50	46.66	31.30	74.00	21.54	V
17708.000	52.31	-25.74	45.95	32.10	74.00	21.69	V
13738.600	50.61	-29.10	40.86	38.84	68.30	17.69	V
13721.500	49.82	-29.10	40.86	38.05	68.30	18.48	V
5820.900	54.25	-27.07	34.35	46.96	68.30	14.05	V
5816.900	53.63	-27.07	34.33	46.37	68.30	14.67	V

Channel 144

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)
17793.800	52.76	-25.50	46.66	31.60	74.00	21.24	V
17601.200	52.59	-25.74	45.95	32.38	68.30	15.71	H
13744.100	50.12	-29.10	40.86	38.35	68.30	18.18	V
13649.000	50.07	-29.50	40.43	39.14	68.30	18.23	H
11840.000	46.79	-31.85	39.05	39.59	74.00	27.21	V
11922.000	46.64	-31.48	39.09	39.03	74.00	27.36	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)
17403.800	52.34	-26.85	45.25	33.94	68.30	15.96	V
17704.100	52.27	-25.74	45.95	32.06	74.00	21.73	V
13752.900	50.38	-29.10	40.86	38.61	68.30	17.92	V
14189.000	50.10	-28.99	42.00	37.08	68.30	18.20	H
5103.900	52.87	-27.70	33.59	46.98	74.00	21.13	V
5145.500	52.81	-27.61	33.67	46.75	74.00	21.19	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)
17872.400	53.07	-25.50	46.66	31.91	74.00	20.93	V
17995.600	52.62	-25.50	46.66	31.46	74.00	21.38	V
13562.000	50.87	-29.50	40.43	39.94	68.30	17.43	H
13687.500	50.27	-29.50	40.43	39.34	68.30	18.03	H
11522.600	47.38	-32.26	38.84	40.81	74.00	26.62	V
7064.900	46.92	-35.37	36.25	46.04	68.30	21.38	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)
17873.000	52.34	-25.50	46.66	31.18	74.00	21.66	H
17997.200	52.11	-25.50	46.66	30.95	74.00	21.89	H
13712.200	51.33	-29.10	40.86	39.56	68.30	16.97	H
13569.800	50.36	-29.50	40.43	39.43	68.30	17.94	H
10688.900	47.46	-32.77	38.49	41.74	74.00	26.54	V
7053.400	47.32	-35.37	36.25	46.44	68.30	20.98	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)
17973.600	53.25	-25.50	46.66	32.09	74.00	20.75	H
17908.700	52.36	-25.50	46.66	31.20	74.00	21.64	H
13644.500	50.22	-29.50	40.43	39.29	68.30	18.08	V
13614.900	50.19	-29.50	40.43	39.26	68.30	18.11	H
11886.800	47.36	-31.85	39.05	40.16	74.00	26.64	V
11374.100	46.99	-32.42	38.79	40.62	74.00	27.01	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)
17870.200	52.38	-25.50	46.66	31.22	74.00	21.62	V
17739.300	52.28	-25.50	46.66	31.12	74.00	21.72	H
13558.200	50.88	-29.50	40.43	39.95	68.30	17.42	V
13739.100	50.38	-29.10	40.86	38.61	68.30	17.92	V
11049.600	47.16	-32.49	38.72	40.92	74.00	26.84	V
10995.800	46.68	-32.82	38.70	40.80	74.00	27.32	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)
17734.900	53.08	-25.74	45.95	32.87	74.00	20.92	H
17718.400	52.85	-25.74	45.95	32.64	74.00	21.15	H
13704.000	50.54	-29.10	40.86	38.77	68.30	17.76	H
13602.800	49.71	-29.50	40.43	38.78	68.30	18.59	H
5358.700	54.11	-27.43	34.01	47.53	74.00	19.89	V
5367.100	53.75	-27.43	34.01	47.17	74.00	20.25	V

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)
17699.700	52.85	-25.74	45.95	32.64	68.30	15.45	H
17928.500	52.50	-25.50	46.66	31.34	74.00	21.50	H
13754.000	50.83	-29.10	40.86	39.06	68.30	17.47	V
13673.100	50.81	-29.50	40.43	39.88	68.30	17.49	V
5443.000	52.98	-27.18	34.17	45.99	74.00	21.02	V
5464.800	52.39	-27.18	34.17	45.40	68.30	15.91	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)
17407.100	52.70	-26.85	45.25	34.30	68.30	15.60	H
17748.700	52.30	-25.50	46.66	31.14	74.00	21.70	H
13620.900	50.61	-29.50	40.43	39.68	68.30	17.69	H
13573.000	50.24	-29.50	40.43	39.31	68.30	18.06	H
10734.000	47.07	-32.77	38.49	41.35	74.00	26.93	V
10461.100	46.97	-33.22	38.19	42.00	68.30	21.33	H

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)
17984.600	52.36	-25.50	46.66	31.20	74.00	21.64	V
17397.800	52.29	-26.85	45.25	33.89	68.30	16.01	H
13645.600	50.80	-29.50	40.43	39.87	68.30	17.50	H
13625.300	50.36	-29.50	40.43	39.43	68.30	17.94	V
5731.000	53.93	-27.07	34.31	46.69	68.30	14.37	V
5753.400	53.80	-27.07	34.31	46.56	68.30	14.50	H

Channel 144

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)
17875.200	52.65	-25.50	46.66	31.49	74.00	21.35	H
17987.300	52.51	-25.50	46.66	31.35	74.00	21.49	H
13586.800	50.31	-29.50	40.43	39.38	68.30	17.99	H
13705.000	50.23	-29.10	40.86	38.46	68.30	18.07	V
11856.000	47.23	-31.85	39.05	40.03	74.00	26.77	H
11858.700	47.14	-31.85	39.05	39.94	74.00	26.86	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)
17717.800	52.38	-25.74	45.95	32.17	74.00	21.62	H
17292.700	52.37	-25.95	44.35	33.96	68.30	15.93	V
13639.600	50.62	-29.50	40.43	39.69	68.30	17.68	V
14220.400	50.00	-28.99	42.00	36.98	68.30	18.30	V
5142.300	53.23	-27.61	33.67	47.17	74.00	20.77	H
5145.200	52.94	-27.61	33.67	46.88	74.00	21.06	V

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)
17728.800	52.66	-25.74	45.95	32.45	74.00	21.34	V
17987.300	52.22	-25.50	46.66	31.06	74.00	21.78	V
14136.200	50.61	-28.99	42.00	37.59	68.30	17.69	V
13691.300	50.52	-29.50	40.43	39.59	68.30	17.78	V
11561.100	47.77	-32.26	38.84	41.20	74.00	26.23	V
11908.200	46.86	-31.85	39.05	39.66	74.00	27.14	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)
17990.100	52.18	-25.50	46.66	31.02	74.00	21.82	V
17865.800	52.13	-25.50	46.66	30.97	74.00	21.87	H
13730.900	50.67	-29.10	40.86	38.90	68.30	17.63	V
13726.500	50.39	-29.10	40.86	38.62	68.30	17.91	V
7062.100	46.82	-35.37	36.25	45.94	68.30	21.48	V
11912.600	46.82	-31.85	39.05	39.62	74.00	27.18	H

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)
17760.800	52.16	-25.50	46.66	31.00	74.00	21.84	V
17934.500	51.99	-25.50	46.66	30.83	74.00	22.01	H
13551.600	50.03	-29.56	39.99	39.60	68.30	18.27	V
13603.900	50.03	-29.50	40.43	39.10	68.30	18.27	H
5350.200	55.03	-27.43	34.01	48.45	74.00	18.97	V
5351.300	55.01	-27.43	34.01	48.43	74.00	18.99	V

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)
17686.000	52.67	-25.74	45.95	32.46	68.30	15.63	H
17690.900	52.62	-25.74	45.95	32.41	68.30	15.68	V
13550.000	50.35	-29.56	39.99	39.92	68.30	17.95	V
13583.500	50.30	-29.50	40.43	39.37	68.30	18.00	V
5459.100	53.29	-27.18	34.17	46.30	74.00	20.71	H
5468.500	52.92	-27.18	34.17	45.93	68.30	15.38	V

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)
17290.000	52.45	-25.95	44.35	34.04	68.30	15.85	V
17765.700	52.30	-25.50	46.66	31.14	74.00	21.70	V
13561.500	50.31	-29.50	40.43	39.38	68.30	17.99	V
14222.000	50.12	-28.99	42.00	37.10	68.30	18.18	V
10578.900	47.25	-32.76	38.38	41.63	68.30	21.05	V
11527.600	46.91	-32.26	38.84	40.34	74.00	27.09	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)
17986.800	52.62	-25.50	46.66	31.46	74.00	21.38	V
17326.800	52.37	-25.95	44.35	33.96	68.30	15.93	V
13558.800	50.81	-29.50	40.43	39.88	68.30	17.49	H
13653.900	50.48	-29.50	40.43	39.55	68.30	17.82	H
5819.200	53.83	-27.07	34.33	46.57	68.30	14.47	V
5741.600	53.81	-27.07	34.31	46.57	68.30	14.49	V

Channel 142

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)
17714.500	52.70	-25.74	45.95	32.49	74.00	21.30	V
17995.600	52.56	-25.50	46.66	31.40	74.00	21.44	H
13651.100	50.19	-29.50	40.43	39.26	68.30	18.11	H
13558.800	50.16	-29.50	40.43	39.23	68.30	18.14	V
11054.000	47.01	-32.49	38.72	40.77	74.00	26.99	V
10682.200	46.80	-32.77	38.49	41.08	74.00	27.20	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)
17787.700	52.64	-25.50	46.66	31.48	74.00	21.36	V
17400.500	52.29	-26.85	45.25	33.89	68.30	16.01	V
13593.400	50.81	-29.50	40.43	39.88	68.30	17.49	V
13579.100	50.17	-29.50	40.43	39.24	68.30	18.13	H
5139.600	53.07	-27.61	33.67	47.01	74.00	20.93	H
5141.300	52.88	-27.61	33.67	46.82	74.00	21.12	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)
17708.500	52.31	-25.74	45.95	32.10	74.00	21.69	H
17706.800	52.26	-25.74	45.95	32.05	74.00	21.74	H
13530.100	50.63	-29.56	39.99	40.20	68.30	17.67	V
13624.200	50.15	-29.50	40.43	39.22	68.30	18.15	V
10975.400	47.05	-32.82	38.70	41.17	74.00	26.95	H
11039.800	47.05	-32.49	38.72	40.81	74.00	26.95	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)
17791.000	52.16	-25.50	46.66	31.00	74.00	21.84	V
17799.800	52.07	-25.50	46.66	30.91	74.00	21.93	V
13734.800	50.28	-29.10	40.86	38.51	68.30	18.02	H
13650.600	50.22	-29.50	40.43	39.29	68.30	18.08	V
11994.500	47.34	-31.48	39.09	39.73	74.00	26.66	H
11527.000	46.82	-32.26	38.84	40.25	74.00	27.18	H

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)
17756.900	52.79	-25.50	46.66	31.63	74.00	21.21	H
17492.900	52.75	-26.85	45.25	34.35	68.30	15.55	V
13707.200	50.95	-29.10	40.86	39.18	68.30	17.35	H
13722.100	50.36	-29.10	40.86	38.59	68.30	17.94	H
11523.200	47.08	-32.26	38.84	40.51	74.00	26.92	V
11868.600	47.00	-31.85	39.05	39.80	74.00	27.00	H

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)
17998.300	53.44	-25.50	46.66	32.28	74.00	20.56	V
17952.700	53.24	-25.50	46.66	32.08	74.00	20.76	H
13548.300	50.28	-29.56	39.99	39.85	68.30	18.02	H
13757.300	50.23	-29.10	40.86	38.46	68.30	18.07	H
11374.100	47.16	-32.42	38.79	40.79	74.00	26.84	V
11941.800	47.00	-31.48	39.09	39.39	74.00	27.00	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)
17904.800	52.70	-25.50	46.66	31.54	74.00	21.30	H
17291.600	52.18	-25.95	44.35	33.77	68.30	16.12	V
13669.300	50.45	-29.50	40.43	39.52	68.30	17.85	V
13685.200	50.19	-29.50	40.43	39.26	68.30	18.11	V
5440.900	54.99	-27.18	34.17	48.00	74.00	19.01	V
5418.600	53.64	-27.36	34.09	46.92	74.00	20.36	V

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)
17708.500	52.69	-25.74	45.95	32.48	74.00	21.31	H
17738.200	52.47	-25.50	46.66	31.31	74.00	21.53	V
13579.100	50.33	-29.50	40.43	39.40	68.30	17.97	V
13654.500	50.28	-29.50	40.43	39.35	68.30	18.02	H
5441.300	53.14	-27.18	34.17	46.15	74.00	20.86	V
5467.800	52.37	-27.18	34.17	45.38	68.30	15.93	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)
17517.100	52.77	-26.85	45.25	34.37	68.30	15.53	V
17761.800	52.69	-25.50	46.66	31.53	74.00	21.31	V
13665.500	50.26	-29.50	40.43	39.33	68.30	18.04	V
13644.500	50.04	-29.50	40.43	39.11	68.30	18.26	H
10598.600	47.20	-32.76	38.38	41.58	68.30	21.10	V
11386.200	46.83	-32.42	38.79	40.46	74.00	27.17	H

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)
17745.900	52.43	-25.50	46.66	31.27	74.00	21.57	H
17981.800	52.36	-25.50	46.66	31.20	74.00	21.64	V
13620.900	50.27	-29.50	40.43	39.34	68.30	18.03	V
13676.500	50.26	-29.50	40.43	39.33	68.30	18.04	V
5821.900	54.37	-27.07	34.35	47.08	68.30	13.93	H
5753.100	53.96	-27.07	34.31	46.72	68.30	14.34	V

Channel 144

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)
17314.700	52.63	-25.95	44.35	34.22	68.30	15.67	H
17315.200	52.38	-25.95	44.35	33.97	68.30	15.92	H
13547.200	50.32	-29.56	39.99	39.89	68.30	17.98	V
13541.700	50.19	-29.56	39.99	39.76	68.30	18.11	V
11979.700	47.80	-31.48	39.09	40.19	74.00	26.20	H
10632.800	46.86	-32.76	38.38	41.24	74.00	27.14	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)
17722.800	52.28	-25.74	45.95	32.07	74.00	21.72	H
17684.300	52.27	-25.74	45.95	32.06	68.30	16.03	H
13584.000	51.00	-29.50	40.43	40.07	68.30	17.30	H
13637.400	49.91	-29.50	40.43	38.98	68.30	18.39	V
5124.900	53.39	-27.61	33.67	47.33	74.00	20.61	H
5133.000	53.14	-27.61	33.67	47.08	74.00	20.86	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)
17904.300	52.62	-25.50	46.66	31.46	74.00	21.38	V
17951.000	52.54	-25.50	46.66	31.38	74.00	21.46	H
13735.300	50.37	-29.10	40.86	38.60	68.30	17.93	V
13578.500	50.12	-29.50	40.43	39.19	68.30	18.18	V
11947.800	47.53	-31.48	39.09	39.92	74.00	26.47	V
11040.900	47.08	-32.49	38.72	40.84	74.00	26.92	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)
17239.300	52.54	-25.95	44.35	34.13	68.30	15.76	H
17996.200	52.36	-25.50	46.66	31.20	74.00	21.64	V
13647.300	50.52	-29.50	40.43	39.59	68.30	17.78	V
13552.100	50.19	-29.56	39.99	39.76	68.30	18.11	V
11875.200	46.90	-31.85	39.05	39.70	74.00	27.10	H
11999.500	46.86	-31.48	39.09	39.25	74.00	27.14	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)
17723.900	52.59	-25.74	45.95	32.38	74.00	21.41	H
17889.500	52.53	-25.50	46.66	31.37	74.00	21.47	V
13694.600	50.18	-29.10	40.86	38.41	68.30	18.12	H
13617.000	49.94	-29.50	40.43	39.01	68.30	18.36	V
5350.300	54.83	-27.43	34.01	48.25	74.00	19.17	V
5350.400	54.34	-27.43	34.01	47.76	74.00	19.66	V

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)
17946.700	52.49	-25.50	46.66	31.33	74.00	21.51	V
17992.800	52.40	-25.50	46.66	31.24	74.00	21.60	V
13649.500	50.24	-29.50	40.43	39.31	68.30	18.06	V
13608.800	50.03	-29.50	40.43	39.10	68.30	18.27	H
5432.100	53.19	-27.18	34.17	46.20	74.00	20.81	V
5469.000	52.46	-27.18	34.17	45.47	68.30	15.84	V

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)
17997.800	52.58	-25.50	46.66	31.42	74.00	21.42	H
17726.700	52.54	-25.74	45.95	32.33	74.00	21.46	V
13650.000	51.13	-29.50	40.43	40.20	68.30	17.17	H
13647.900	50.03	-29.50	40.43	39.10	68.30	18.27	H
11890.600	46.94	-31.85	39.05	39.74	74.00	27.06	V
11055.700	46.59	-32.49	38.72	40.35	74.00	27.41	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)
17958.800	52.72	-25.50	46.66	31.56	74.00	21.28	V
17725.000	52.37	-25.74	45.95	32.16	74.00	21.63	H
13551.600	50.60	-29.56	39.99	40.17	68.30	17.70	H
13708.900	50.05	-29.10	40.86	38.28	68.30	18.25	H
5791.100	54.18	-27.07	34.33	46.92	68.30	14.12	V
5783.200	53.99	-27.07	34.33	46.73	68.30	14.31	V

Channel 142

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)
17963.700	52.63	-25.50	46.66	31.47	74.00	21.37	H
17932.900	52.29	-25.50	46.66	31.13	74.00	21.71	H
13652.200	50.13	-29.50	40.43	39.20	68.30	18.17	H
13650.000	50.08	-29.50	40.43	39.15	68.30	18.22	H
11924.700	47.17	-31.48	39.09	39.56	74.00	26.83	V
11486.900	46.84	-32.26	38.84	40.27	74.00	27.16	H

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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)
17876.800	52.95	-25.50	46.66	31.79	74.00	21.05	H
17916.400	52.23	-25.50	46.66	31.07	74.00	21.77	H
13632.500	50.54	-29.50	40.43	39.61	68.30	17.76	H
13543.900	50.32	-29.56	39.99	39.89	68.30	17.98	H
5130.400	56.59	-27.61	33.67	50.53	74.00	17.41	H
5148.600	54.84	-27.61	33.67	48.78	74.00	19.16	V

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)
17763.000	52.48	-25.50	46.66	31.32	74.00	21.52	V
17701.900	52.21	-25.74	45.95	32.00	74.00	21.79	H
13575.200	50.66	-29.50	40.43	39.73	68.30	17.64	V
13570.900	50.52	-29.50	40.43	39.59	68.30	17.78	H
5350.300	56.74	-27.43	34.01	50.16	74.00	17.26	V
5352.200	56.36	-27.43	34.01	49.78	74.00	17.64	V

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)
17618.800	52.68	-25.74	45.95	32.47	68.30	15.62	V
17910.900	52.62	-25.50	46.66	31.46	74.00	21.38	H
13649.000	50.49	-29.50	40.43	39.56	68.30	17.81	V
13810.100	50.17	-29.10	40.86	38.40	68.30	18.13	H
5433.500	54.17	-27.18	34.17	47.18	74.00	19.83	V
5469.000	55.50	-27.18	34.17	48.51	68.30	12.80	V

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)
17292.700	52.53	-25.95	44.35	34.12	68.30	15.77	V
17371.300	52.14	-25.95	44.35	33.73	68.30	16.16	H
13650.000	50.58	-29.50	40.43	39.65	68.30	17.72	H
13652.200	50.26	-29.50	40.43	39.33	68.30	18.04	H
5735.400	53.88	-27.07	34.31	46.64	68.30	14.42	V
5738.800	53.68	-27.07	34.31	46.44	68.30	14.62	V

Channel 138

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)
17864.700	52.73	-25.50	46.66	31.57	74.00	21.27	H
17871.300	52.50	-25.50	46.66	31.34	74.00	21.50	V
13756.800	50.34	-29.10	40.86	38.57	68.30	17.96	H
13721.500	50.23	-29.10	40.86	38.46	68.30	18.07	H
10971.000	46.72	-32.82	38.70	40.84	74.00	27.28	V
11962.100	46.63	-31.48	39.09	39.02	74.00	27.37	V

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Channel 50

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)
13613.800	50.60	-29.50	40.43	39.67	68.30	17.70	H
13822.800	50.44	-29.10	40.86	38.67	68.30	17.86	V
5121.400	55.38	-27.61	33.67	49.32	74.00	18.62	V
5144.600	54.17	-27.61	33.67	48.11	74.00	19.83	H
5355.800	54.61	-27.43	34.01	48.03	74.00	19.39	V
5373.900	54.43	-27.43	34.01	47.85	74.00	19.57	V

Channel 114

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)
17221.800	53.17	-25.95	44.35	34.76	68.30	15.13	V
14184.600	50.24	-28.99	42.00	37.22	68.30	18.06	V
13563.700	50.15	-29.50	40.43	39.22	68.30	18.15	V
5462.400	54.15	-27.18	34.17	47.16	68.30	14.15	V
5733.100	55.79	-27.07	34.31	48.55	68.30	12.51	V
5735.500	55.55	-27.07	34.31	48.31	68.30	12.75	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)
17981.300	53.33	-25.50	46.66	32.17	74.00	20.67	H
17235.000	53.06	-25.95	44.35	34.65	68.30	15.24	V
13642.400	50.35	-29.50	40.43	39.42	68.30	17.95	H
13755.600	50.35	-29.10	40.86	38.58	68.30	17.95	V
5141.700	53.47	-27.61	33.67	47.41	74.00	20.53	H
5143.300	53.44	-27.61	33.67	47.38	74.00	20.56	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)
17998.900	53.18	-25.50	46.66	32.02	74.00	20.82	H
17655.200	52.71	-25.74	45.95	32.50	68.30	15.59	V
13589.500	50.72	-29.50	40.43	39.79	68.30	17.58	V
13661.600	50.69	-29.50	40.43	39.76	68.30	17.61	H
11529.800	46.73	-32.26	38.84	40.16	74.00	27.27	H
11969.200	46.71	-31.48	39.09	39.10	74.00	27.29	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)
17896.600	52.76	-25.50	46.66	31.60	74.00	21.24	H
17934.000	52.46	-25.50	46.66	31.30	74.00	21.54	V
13564.800	50.16	-29.50	40.43	39.23	68.30	18.14	H
13630.800	50.08	-29.50	40.43	39.15	68.30	18.22	H
10578.300	47.46	-32.76	38.38	41.84	68.30	20.84	H
11961.000	47.12	-31.48	39.09	39.51	74.00	26.88	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)
17973.600	53.08	-25.50	46.66	31.92	74.00	20.92	H
17868.000	52.71	-25.50	46.66	31.55	74.00	21.29	H
13536.200	50.70	-29.56	39.99	40.27	68.30	17.60	V
13607.100	50.38	-29.50	40.43	39.45	68.30	17.92	V
11941.800	47.26	-31.48	39.09	39.65	74.00	26.74	V
11883.500	46.99	-31.85	39.05	39.79	74.00	27.01	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)
17400.000	52.72	-26.85	45.25	34.32	68.30	15.58	V
17615.000	52.35	-25.74	45.95	32.14	68.30	15.95	H
13611.000	51.56	-29.50	40.43	40.63	68.30	16.74	H
13727.600	50.85	-29.10	40.86	39.08	68.30	17.45	H
11958.200	46.90	-31.48	39.09	39.29	74.00	27.10	V
9198.400	46.67	-33.73	38.02	42.38	74.00	27.33	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)
17706.800	52.64	-25.74	45.95	32.43	74.00	21.36	V
17976.900	52.47	-25.50	46.66	31.31	74.00	21.53	H
13733.100	50.31	-29.10	40.86	38.54	68.30	17.99	H
13638.000	50.16	-29.50	40.43	39.23	68.30	18.14	V
5373.200	53.58	-27.43	34.01	47.00	74.00	20.42	V
5354.700	53.23	-27.43	34.01	46.65	74.00	20.77	V

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)
17942.200	53.00	-25.50	46.66	31.84	74.00	21.00	V
17996.200	52.16	-25.50	46.66	31.00	74.00	21.84	V
13835.400	50.25	-29.51	41.30	38.46	68.30	18.05	H
13664.900	50.08	-29.50	40.43	39.15	68.30	18.22	V
5418.400	53.03	-27.36	34.09	46.31	74.00	20.97	V
5464.200	53.14	-27.18	34.17	46.15	68.30	15.16	V

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)
17984.000	52.47	-25.50	46.66	31.31	74.00	21.53	H
17948.300	52.45	-25.50	46.66	31.29	74.00	21.55	V
13655.000	50.31	-29.50	40.43	39.38	68.30	17.99	H
13766.600	50.12	-29.10	40.86	38.35	68.30	18.18	H
11949.500	46.98	-31.48	39.09	39.37	74.00	27.02	V
11615.000	46.94	-32.31	38.91	40.35	74.00	27.06	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)
17897.200	53.26	-25.50	46.66	32.10	74.00	20.74	V
17994.000	52.40	-25.50	46.66	31.24	74.00	21.60	V
13619.800	50.64	-29.50	40.43	39.71	68.30	17.66	V
13658.900	50.59	-29.50	40.43	39.66	68.30	17.71	V
5774.700	54.02	-27.07	34.33	46.76	68.30	14.28	V
5726.400	53.97	-27.07	34.31	46.73	68.30	14.33	V

Channel 144

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)
17944.500	52.55	-25.50	46.66	31.39	74.00	21.45	H
17790.500	52.53	-25.50	46.66	31.37	74.00	21.47	H
13595.000	50.89	-29.50	40.43	39.96	68.30	17.41	V
13648.400	50.26	-29.50	40.43	39.33	68.30	18.04	H
11868.600	46.75	-31.85	39.05	39.55	74.00	27.25	H
10726.200	46.55	-32.77	38.49	40.83	74.00	27.45	V

802.11ax-HT40

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)
17705.200	52.91	-25.74	45.95	32.70	74.00	21.09	H
17992.800	52.61	-25.50	46.66	31.45	74.00	21.39	V
13509.800	50.20	-29.56	39.99	39.77	68.30	18.10	H
14180.200	50.14	-28.99	42.00	37.12	68.30	18.16	V
5138.500	53.28	-27.61	33.67	47.22	74.00	20.72	H
5149.300	53.04	-27.61	33.67	46.98	74.00	20.96	V

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)
17967.000	53.02	-25.50	46.66	31.86	74.00	20.98	H
17792.100	52.52	-25.50	46.66	31.36	74.00	21.48	V
13607.700	50.39	-29.50	40.43	39.46	68.30	17.91	H
13529.600	50.10	-29.56	39.99	39.67	68.30	18.20	V
7907.500	47.24	-34.87	37.05	45.06	68.30	21.06	H
11051.300	46.93	-32.49	38.72	40.69	74.00	27.07	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)
17613.900	52.57	-25.74	45.95	32.36	68.30	15.73	V
17291.600	52.31	-25.95	44.35	33.90	68.30	15.99	H
14235.200	50.69	-28.99	42.00	37.67	68.30	17.61	V
14170.400	50.62	-28.99	42.00	37.60	68.30	17.68	V
7068.200	47.69	-35.37	36.25	46.81	68.30	20.61	V
10546.400	47.22	-32.99	38.27	41.93	68.30	21.08	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)
17399.400	52.90	-26.85	45.25	34.50	68.30	15.40	V
17957.100	52.46	-25.50	46.66	31.30	74.00	21.54	H
13641.800	51.03	-29.50	40.43	40.10	68.30	17.27	V
13547.200	49.95	-29.56	39.99	39.52	68.30	18.35	V
5350.300	54.90	-27.43	34.01	48.32	74.00	19.10	V
5350.400	54.81	-27.43	34.01	48.23	74.00	19.19	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)
17981.300	53.00	-25.50	46.66	31.84	74.00	21.00	H
17702.500	52.96	-25.74	45.95	32.75	74.00	21.04	V
13556.500	50.04	-29.56	39.99	39.61	68.30	18.26	V
13620.900	49.95	-29.50	40.43	39.02	68.30	18.35	V
5414.400	53.35	-27.36	34.09	46.63	74.00	20.65	V
5465.800	52.66	-27.18	34.17	45.67	68.30	15.64	V

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)
17737.100	52.57	-25.50	46.66	31.41	74.00	21.43	V
17706.800	52.54	-25.74	45.95	32.33	74.00	21.46	H
13546.100	50.29	-29.56	39.99	39.86	68.30	18.01	V
13654.500	50.27	-29.50	40.43	39.34	68.30	18.03	V
11150.300	46.70	-32.60	38.75	40.56	74.00	27.30	V
11869.100	46.68	-31.85	39.05	39.48	74.00	27.32	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)
17790.500	52.61	-25.50	46.66	31.45	74.00	21.39	H
17899.900	52.35	-25.50	46.66	31.19	74.00	21.65	H
13607.100	50.66	-29.50	40.43	39.73	68.30	17.64	V
13790.300	50.50	-29.10	40.86	38.73	68.30	17.80	H
5758.500	54.03	-27.07	34.31	46.79	68.30	14.27	V
5787.200	53.76	-27.07	34.33	46.50	68.30	14.54	V

Channel 142

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)
17689.200	53.41	-25.74	45.95	33.20	68.30	14.89	H
17915.800	52.64	-25.50	46.66	31.48	74.00	21.36	V
14205.000	50.45	-28.99	42.00	37.43	68.30	17.85	V
13657.800	50.31	-29.50	40.43	39.38	68.30	17.99	H
11835.000	46.86	-31.85	39.05	39.66	74.00	27.14	H
11922.000	46.39	-31.48	39.09	38.78	74.00	27.61	V

802.11ax-HT80

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)
17936.800	52.52	-25.50	46.66	31.36	74.00	21.48	H
17938.400	52.52	-25.50	46.66	31.36	74.00	21.48	V
13619.200	50.81	-29.50	40.43	39.88	68.30	17.49	H
13656.600	50.38	-29.50	40.43	39.45	68.30	17.92	H
5121.800	55.24	-27.61	33.67	49.18	74.00	18.76	H
5148.200	54.56	-27.61	33.67	48.50	74.00	19.44	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)
17772.300	52.53	-25.50	46.66	31.37	74.00	21.47	V
17995.000	52.36	-25.50	46.66	31.20	74.00	21.64	H
13618.100	51.09	-29.50	40.43	40.16	68.30	17.21	H
13746.900	50.84	-29.10	40.86	39.07	68.30	17.46	H
5353.100	56.17	-27.43	34.01	49.59	74.00	17.83	V
5350.300	55.68	-27.43	34.01	49.10	74.00	18.32	V

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)
17889.500	52.57	-25.50	46.66	31.41	74.00	21.43	H
17846.500	52.29	-25.50	46.66	31.13	74.00	21.71	H
13624.200	51.38	-29.50	40.43	40.45	68.30	16.92	V
13569.800	50.58	-29.50	40.43	39.65	68.30	17.72	V
5437.200	53.97	-27.18	34.17	46.98	74.00	20.03	V
5464.100	54.73	-27.18	34.17	47.74	68.30	13.57	V

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)
17476.400	52.25	-26.85	45.25	33.85	68.30	16.05	V
17266.800	52.12	-25.95	44.35	33.71	68.30	16.18	H
13724.900	50.35	-29.10	40.86	38.58	68.30	17.95	H
13646.800	50.13	-29.50	40.43	39.20	68.30	18.17	V
5792.700	54.30	-27.07	34.33	47.04	68.30	14.00	V
5757.700	53.71	-27.07	34.31	46.47	68.30	14.59	H

Channel 138

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)
17991.800	52.79	-25.50	46.66	31.63	74.00	21.21	H
17984.600	52.42	-25.50	46.66	31.26	74.00	21.58	V
13550.500	50.74	-29.56	39.99	40.31	68.30	17.56	H
13565.900	49.88	-29.50	40.43	38.95	68.30	18.42	V
10876.400	46.88	-32.33	38.59	40.62	74.00	27.12	V
11526.000	46.88	-32.26	38.84	40.31	74.00	27.12	V

802.11ax-HT160

Channel 50

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)
13645.100	50.48	-29.50	40.43	39.55	68.30	17.82	V
13715.500	50.17	-29.10	40.86	38.40	68.30	18.13	H
5130.800	54.81	-27.61	33.67	48.75	74.00	19.19	V
5121.400	54.43	-27.61	33.67	48.37	74.00	19.57	H
5355.000	54.63	-27.43	34.01	48.05	74.00	19.37	V
5350.500	54.00	-27.43	34.01	47.42	74.00	20.00	V

Channel 114

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)
17716.800	52.72	-25.74	45.95	32.51	74.00	21.28	V
13658.300	50.69	-29.50	40.43	39.76	68.30	17.61	V
13699.500	50.26	-29.10	40.86	38.49	68.30	18.04	V
5456.100	53.83	-27.18	34.17	46.84	74.00	20.17	V
5745.900	54.56	-27.07	34.31	47.32	68.30	13.74	V
5786.900	54.56	-27.07	34.33	47.30	68.30	13.74	V

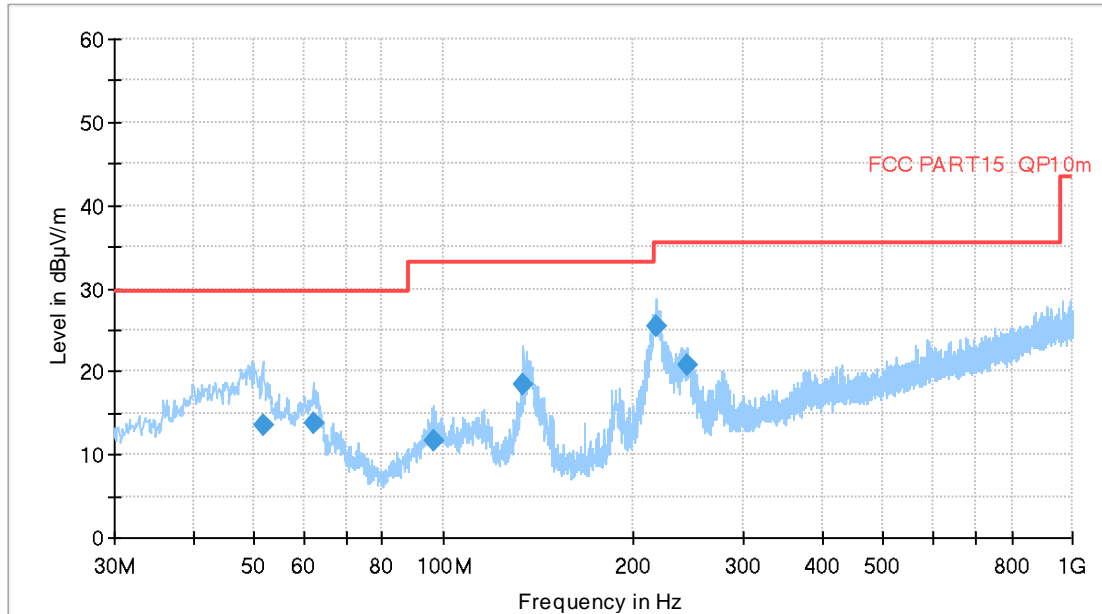
Note: the spurious emission above 18G is noise only

Conclusion: PASS

C.1.2 Radiated Spurious Emission- Below 1GHz

WOSRT CASE BELOW 1GHz

Full Spectrum



- Preview Result 1-PK+ [PreviewResult 1.Result:1]
- * Critical_Freqs PK+ [Critical_Freqs.Result:4]
- FCC PART15_QP10m [..]
- ◆ Final_ResultQPK [Final_Result.Result:4]

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Polarization	Azimuth (deg)
51.63100	13.43	29.54	16.11	2000.0	120.000	108.0	V	119.0
62.10700	13.82	29.54	15.72	2000.0	120.000	195.0	V	270.0
96.34800	11.59	33.06	21.47	2000.0	120.000	325.0	H	236.0
134.1780	18.41	33.06	14.65	2000.0	120.000	125.0	V	229.0
217.6950	25.37	35.56	10.19	2000.0	120.000	325.0	H	38.0
244.3700	20.70	35.56	14.86	2000.0	120.000	325.0	H	0.0

Note: 10 meters' limit is got by converting from 3 meters test distance.

$$\text{Limit (10m)} = \text{limit (3m)} + 20(\log(3/10))$$

BELOW 30MHz

No emissions were found within 20dB of the limit below 30MHz.

C.1.3 Band Edges Compliance– Radiated

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz	Fig.1	P
	5320 MHz	Fig.2	P
	5500 MHz	Fig.3	P
	5700 MHz	Fig.4	P
802.11n HT20	5180 MHz	Fig.5	P
	5320 MHz	Fig.6	P
	5500 MHz	Fig.7	P
	5700 MHz	Fig.8	P
802.11n HT40	5190 MHz	Fig.9	P
	5310 MHz	Fig.10	P
	5510 MHz	Fig.11	P
	5670 MHz	Fig.12	P
802.11ax HT20	5180 MHz	Fig.13	P
	5320 MHz	Fig.14	P
	5500 MHz	Fig.15	P
	5700 MHz	Fig.16	P
802.11ax HT40	5190 MHz	Fig.17	P
	5310 MHz	Fig.18	P
	5510 MHz	Fig.19	P
	5670 MHz	Fig.20	P
802.11ax HT80	5210MHz	Fig.21	P
	5290MHz	Fig.22	P
	5530MHz	Fig.23	P
802.11ax HT160	5250MHz	Fig.24	P
	5250MHz	Fig.25	P
	5570MHz	Fig.26	P
802.11ac HT20	5180 MHz	Fig.27	P
	5320 MHz	Fig.28	P
	5500 MHz	Fig.29	P
	5700 MHz	Fig.30	P
802.11ac HT40	5190 MHz	Fig.31	P
	5310 MHz	Fig.32	P
	5510 MHz	Fig.33	P
	5670 MHz	Fig.34	P
802.11ac HT80	5210MHz	Fig.35	P
	5290MHz	Fig.36	P
	5530MHz	Fig.37	P

Mode	Channel	Test Results	Conclusion
802.11ac HT160	5250MHz	Fig.38	P
	5250MHz	Fig.39	P
	5570MHz	Fig.40	P

The measurements were performed separately in Chain A, Chain B, and MIMO (Chain A+B), and only the worst cases are shown in this section.

Conclusion: PASS

Test graphs as below:

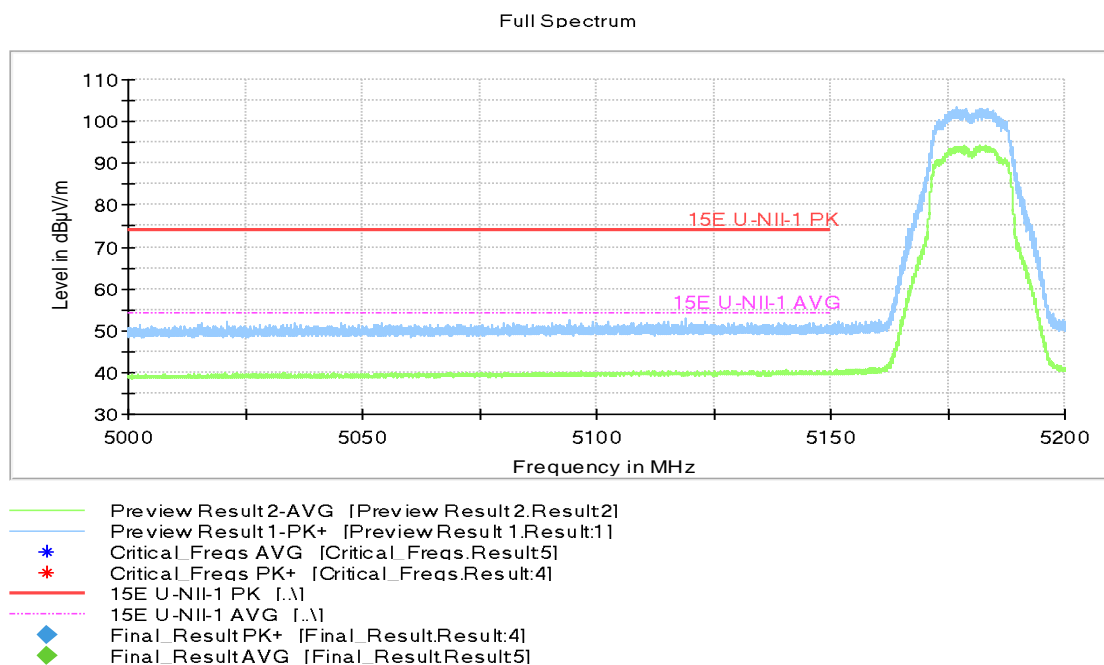


Fig.1 Band Edges (802.11a, 5180MHz)

Full Spectrum

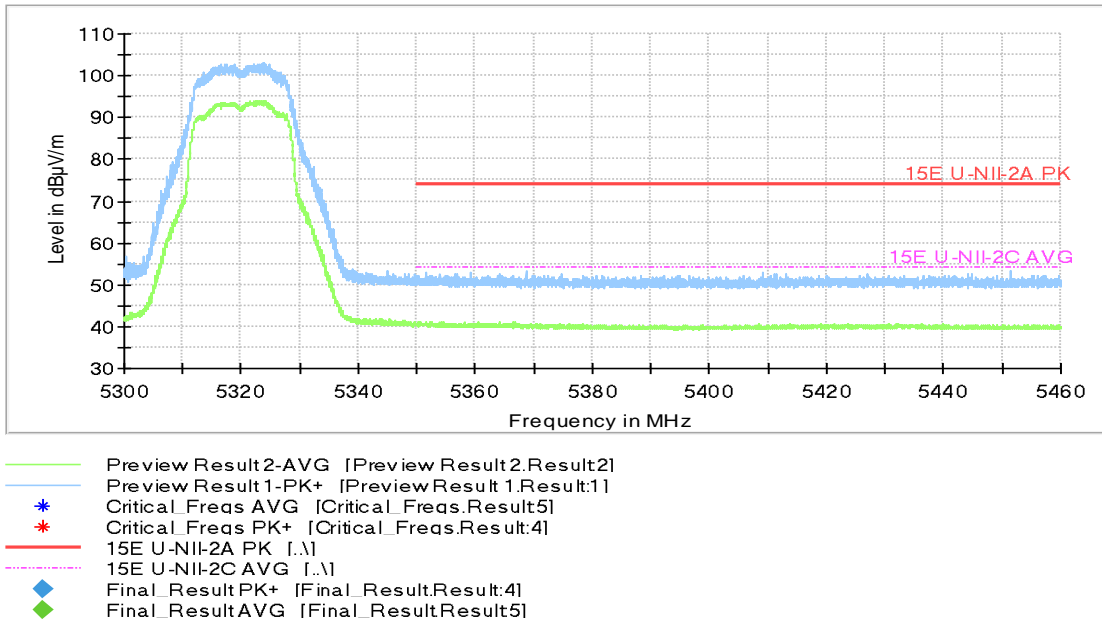


Fig.2 Band Edges (802.11a, 5320MHz)

Full Spectrum

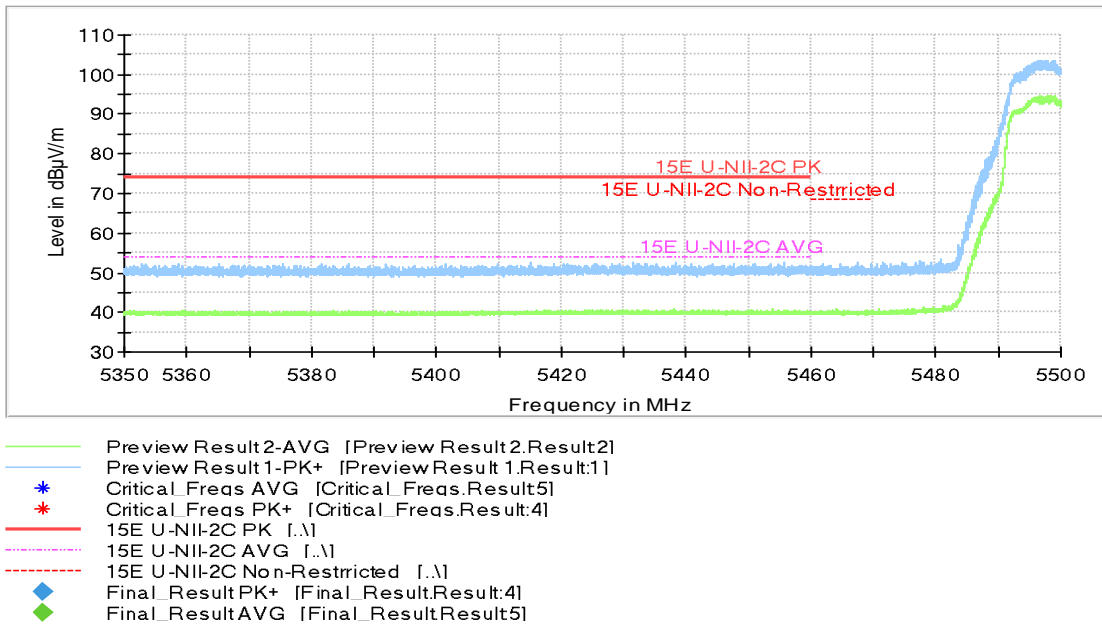


Fig.3 Band Edges (802.11a, 5500MHz)

Full Spectrum

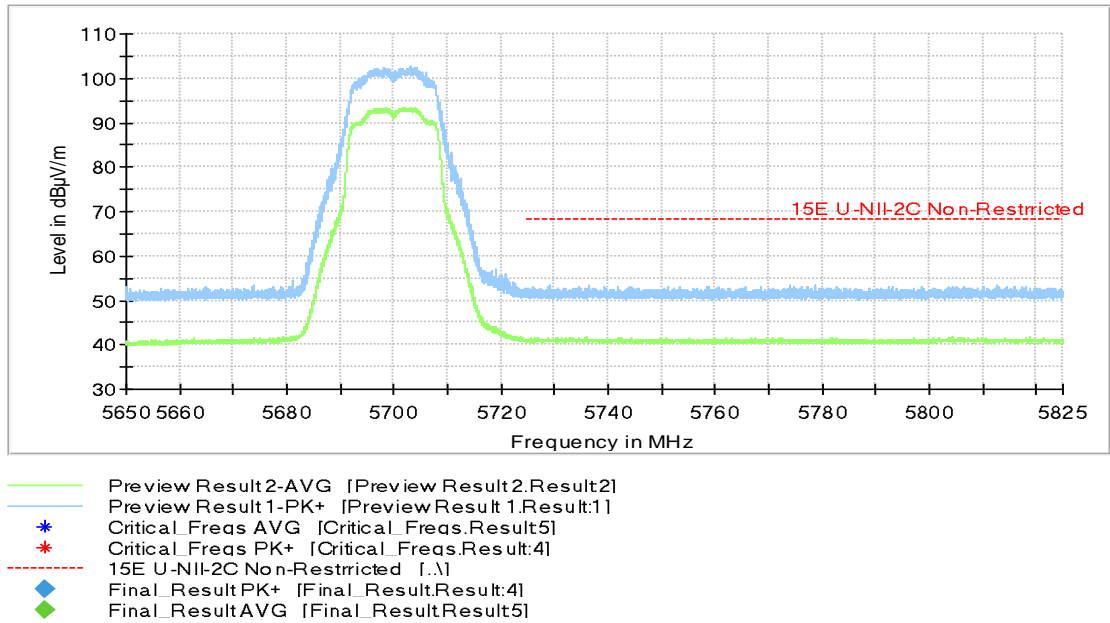


Fig.4 Band Edges (802.11a, 5700MHz)

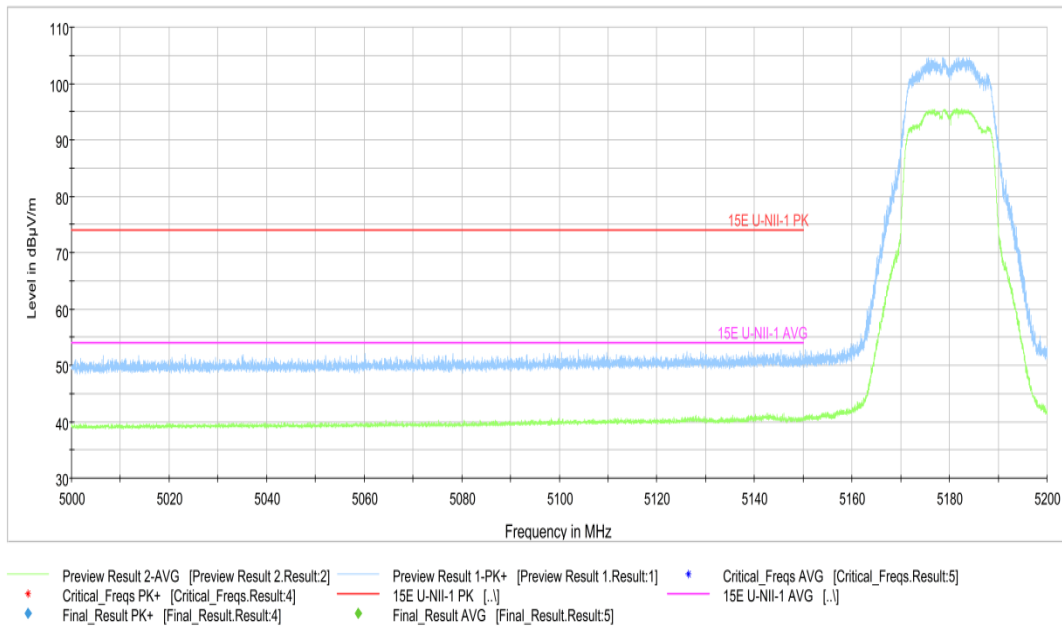


Fig.5 Band Edges (802.11n-HT20, 5180MHz)

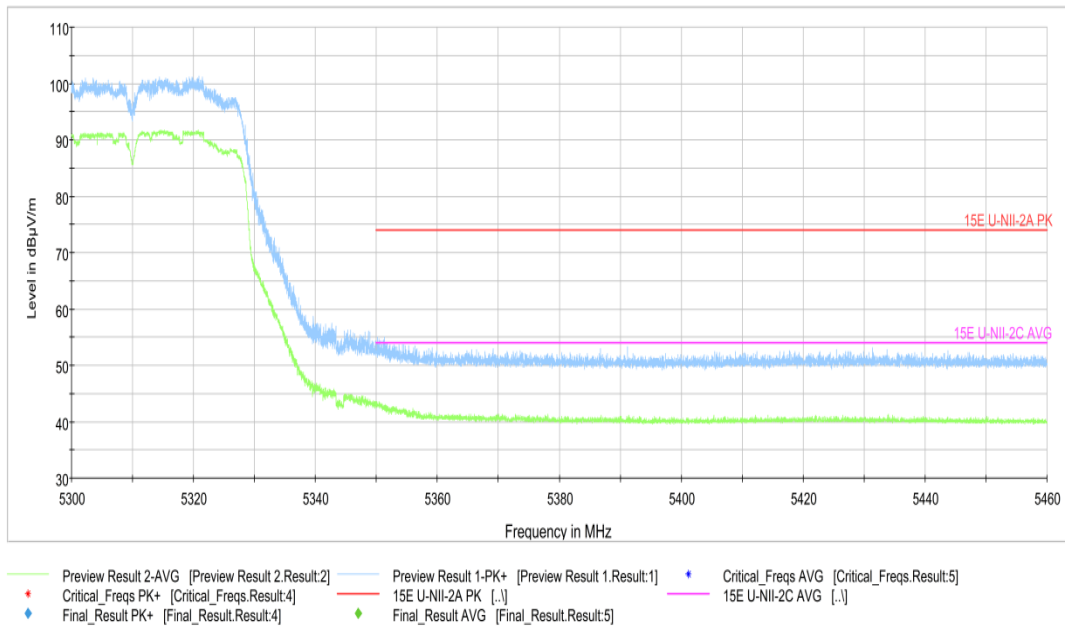


Fig.6 Band Edges (802.11n-HT20, 5320MHz)

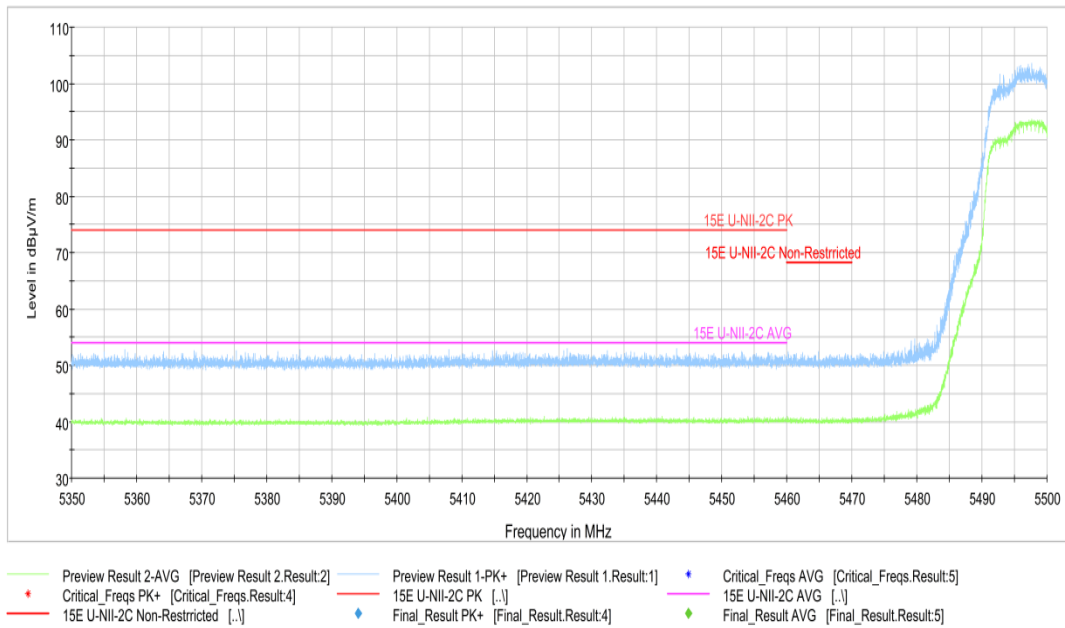


Fig.7 Band Edges (802.11n-HT20, 5500MHz)

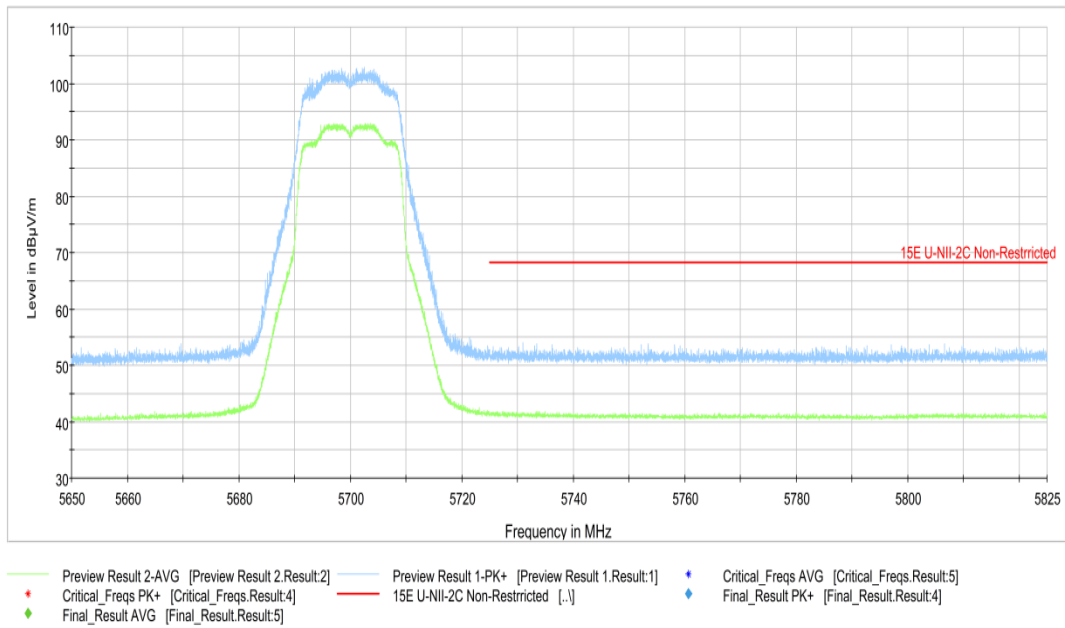


Fig.8 Band Edges (802.11n-HT20, 5700MHz)

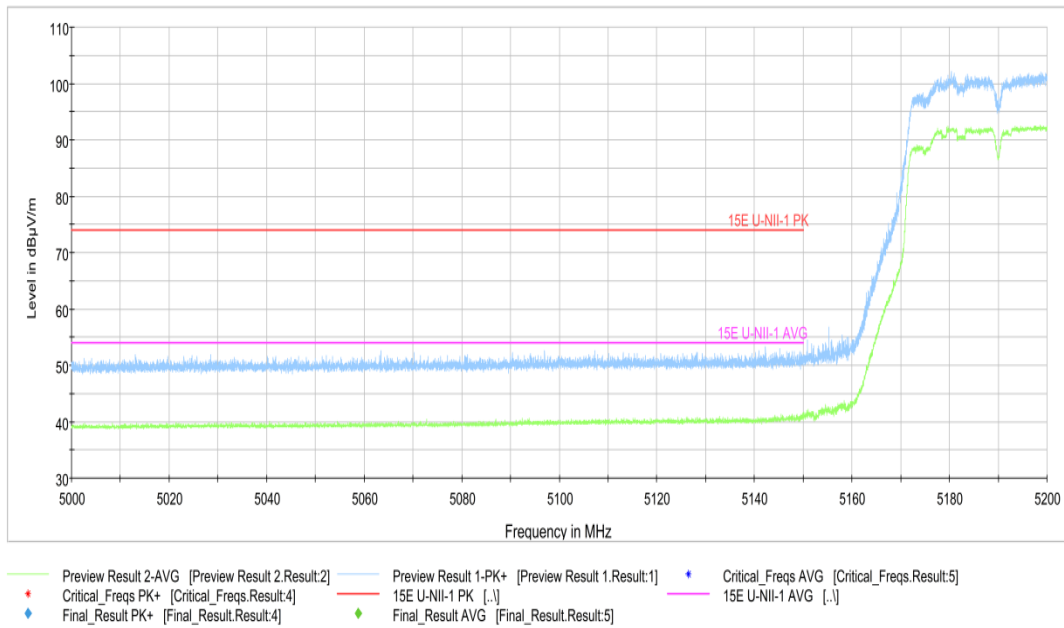
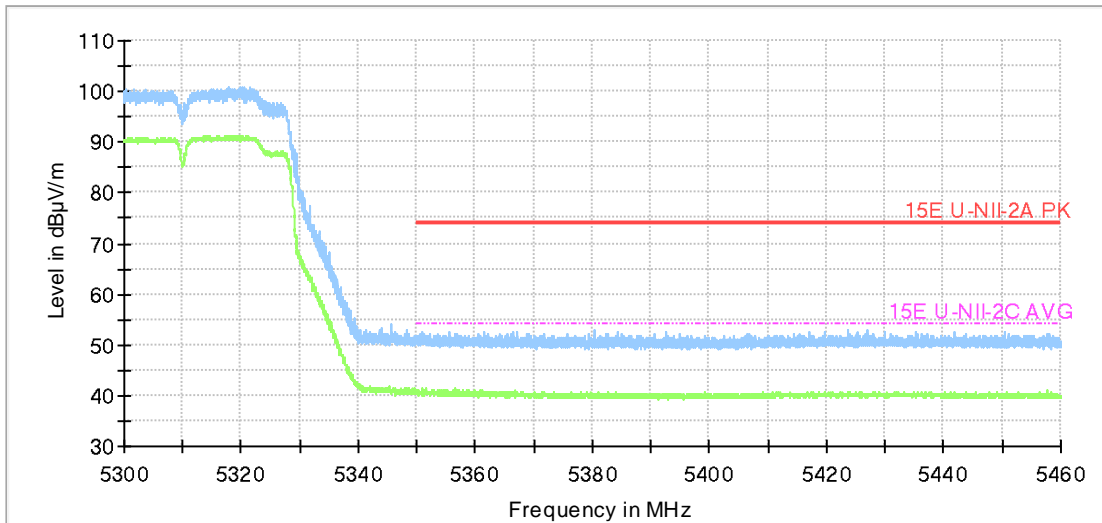


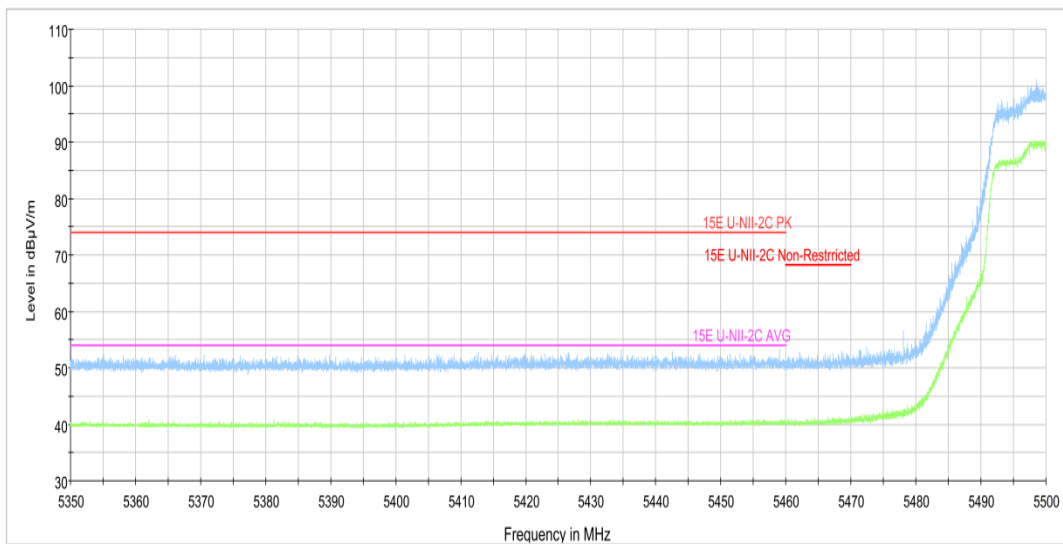
Fig.9 Band Edges (802.11n-HT40, 5190MHz)

Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result 1]
- * Critical_Freqs AVG [Critical_Freqs.Result 5]
- * Critical_Freqs PK+ [Critical_Freqs.Result 4]
- 15E U-NII-2A PK [..]
- - - 15E U-NII-2C AVG [..]
- ◆ Final_Result PK+ [Final_Result.Result 4]
- ◆ Final_Result AVG [Final_Result.Result 5]

Fig.10 Band Edges (802.11n-HT40, 5310MHz)



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result 1]
- * Critical_Freqs AVG [Critical_Freqs.Result 5]
- * Critical_Freqs PK+ [Critical_Freqs.Result 4]
- 15E U-NII-2C Non-Restricted [..]
- ◆ Final_Result PK+ [Final_Result.Result 4]
- ◆ Final_Result AVG [Final_Result.Result 5]
- 15E U-NII-2C PK [..]
- - - 15E U-NII-2C AVG [..]

Fig.11 Band Edges (802.11n-HT40, 5510MHz)

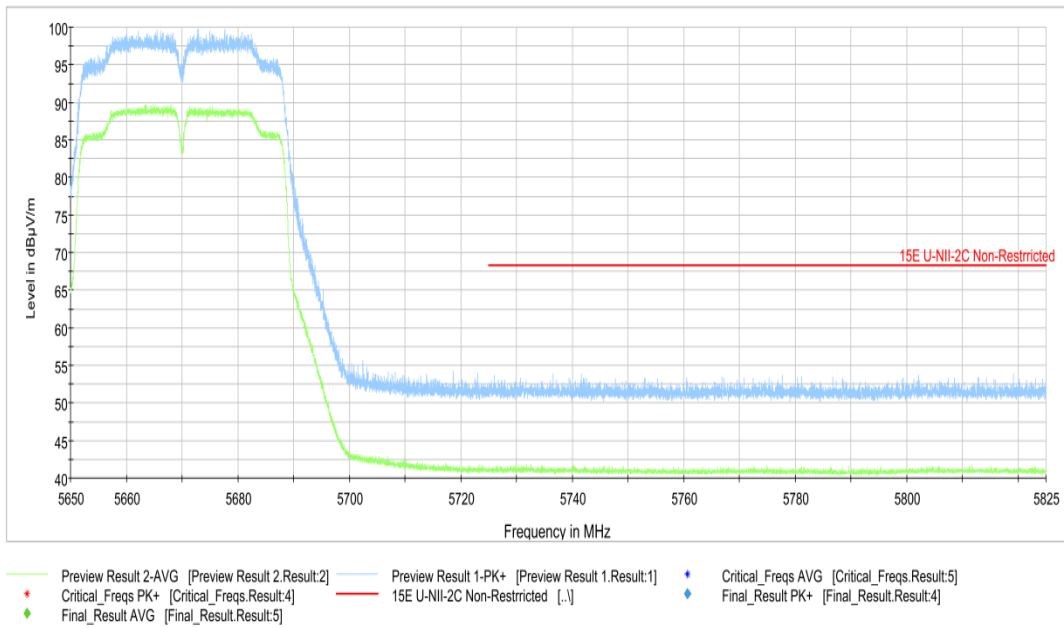


Fig.12 Band Edges (802.11n-HT40, 5670MHz)

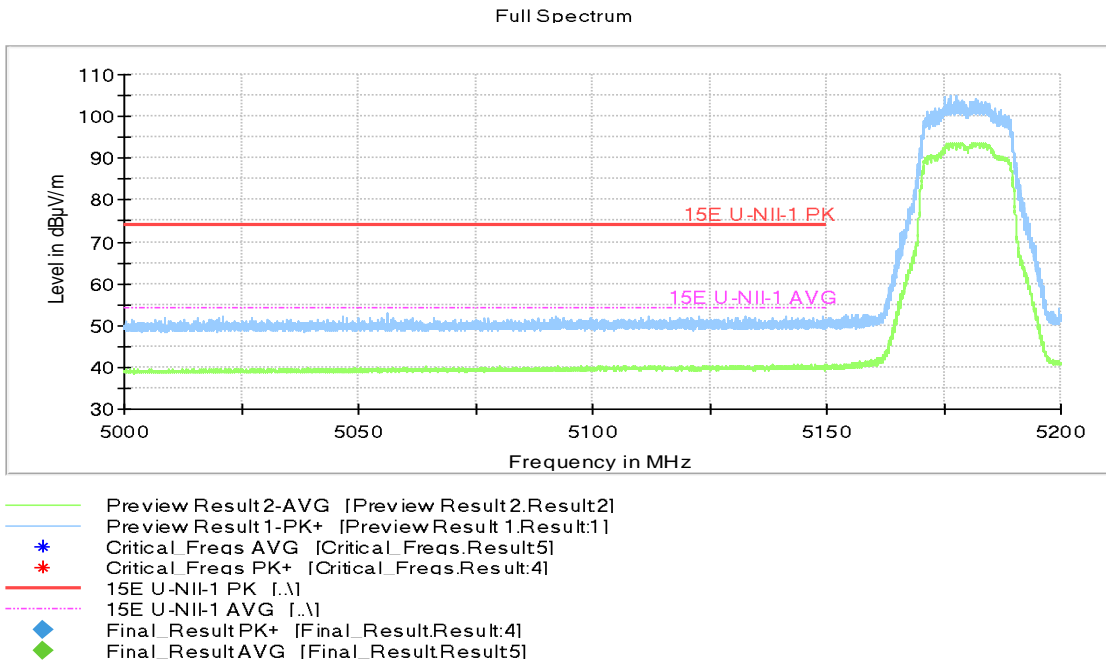
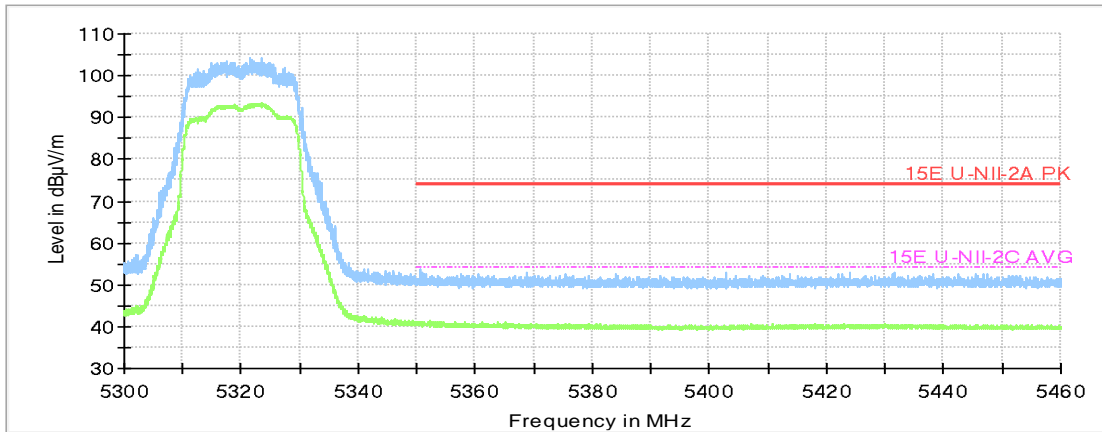


Fig.13 Band Edges (802.11ax-HT20, 5180MHz)

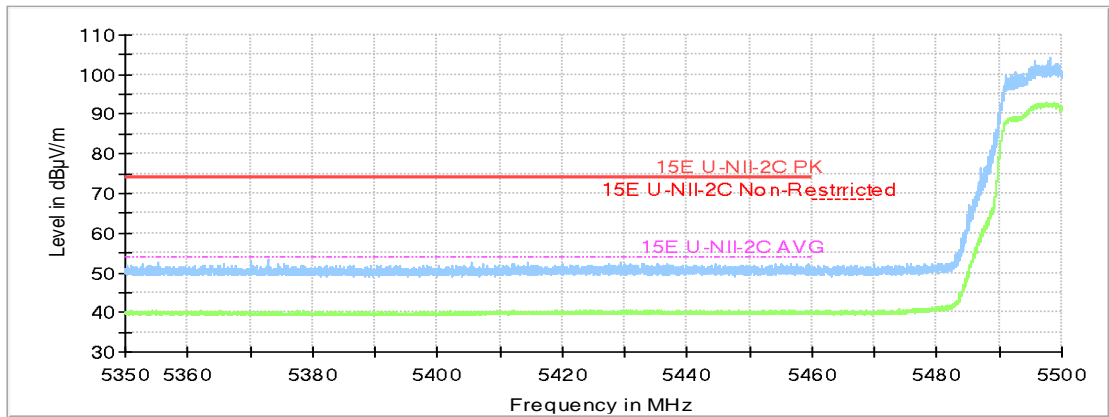
Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result:1]
- * Critical_Freqs AVG [Critical_Freqs.Result:5]
- * Critical_Freqs PK+ [Critical_Freqs.Result:4]
- 15E U-NII-2A PK [..]
- 15E U-NII-2C AVG [..]
- ◆ Final_Result PK+ [Final_Result.Result:4]
- ◆ Final_Result AVG [Final_Result.Result:5]

Fig.14 Band Edges (802.11ax-HT20, 5320MHz)

Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result:1]
- * Critical_Freqs AVG [Critical_Freqs.Result:5]
- * Critical_Freqs PK+ [Critical_Freqs.Result:4]
- 15E U-NII-2C PK [..]
- 15E U-NII-2C AVG [..]
- 15E U-NII-2C Non-Restricted [..]
- ◆ Final_Result PK+ [Final_Result.Result:4]
- ◆ Final_Result AVG [Final_Result.Result:5]

Fig.15 Band Edges (802.11ax-HT20, 5500MHz)

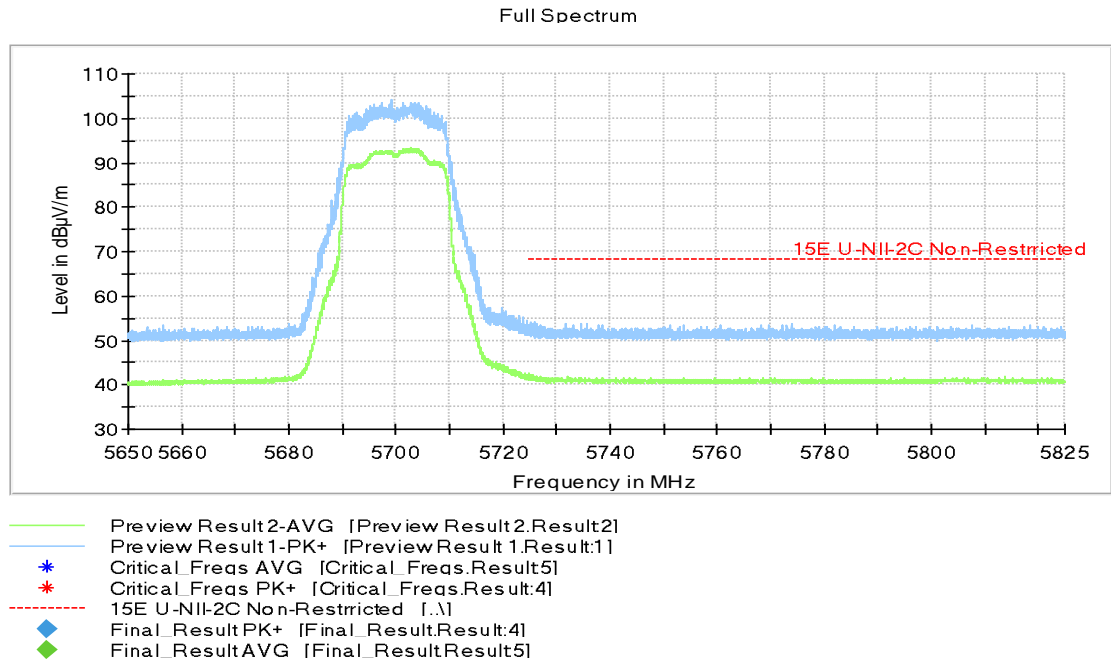


Fig.16 Band Edges (802.11ax-HT20, 5700MHz)

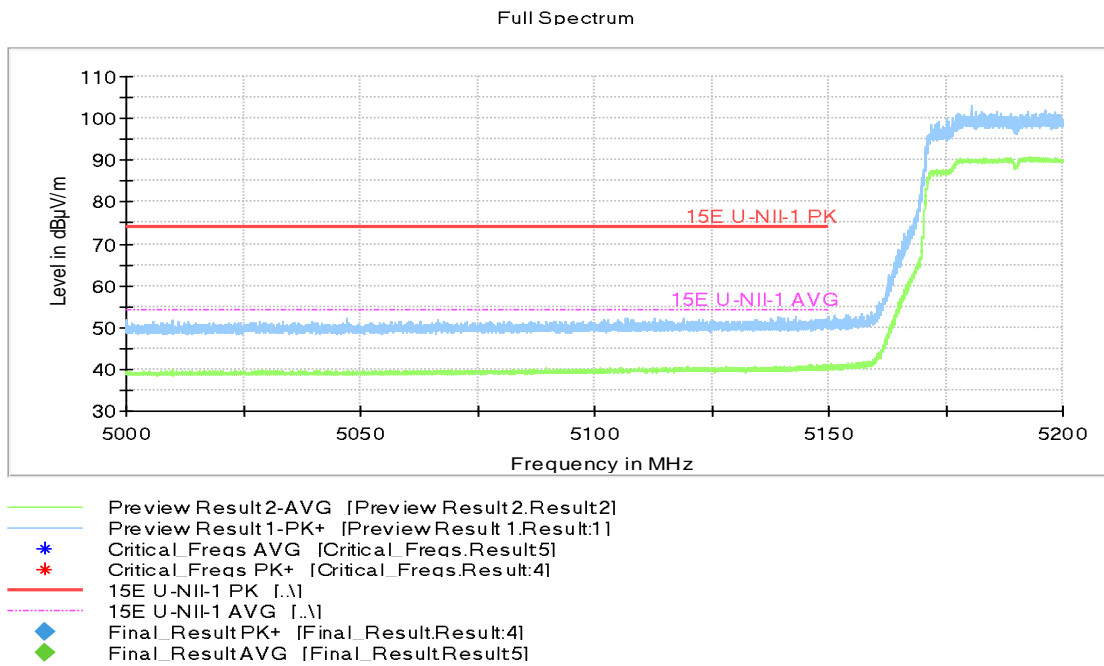
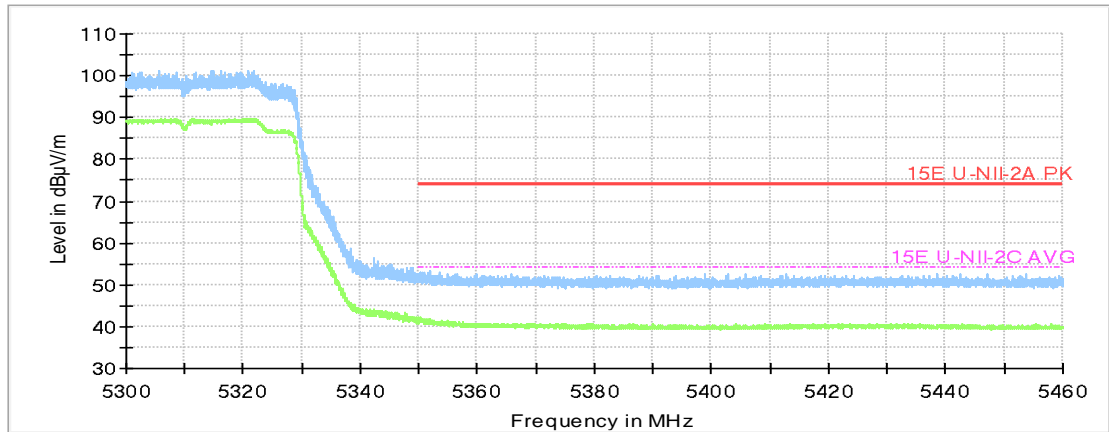


Fig.17 Band Edges (802.11ax-HT40, 5190MHz)

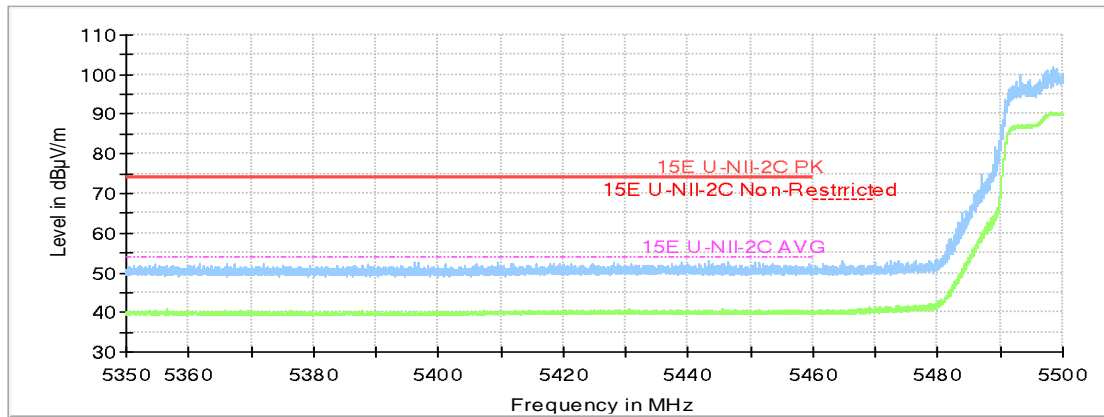
Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result:1]
- Critical_Freqs AVG [Critical_Freqs.Result:5]
- Critical_Freqs PK+ [Critical_Freqs.Result:4]
- 15E U-NII-2A PK [..]
- 15E U-NII-2C AVG [..]
- Final_Result PK+ [Final_Result.Result:4]
- Final_Result AVG [Final_Result.Result:5]

Fig.18 Band Edges (802.11ax-HT40, 5310MHz)

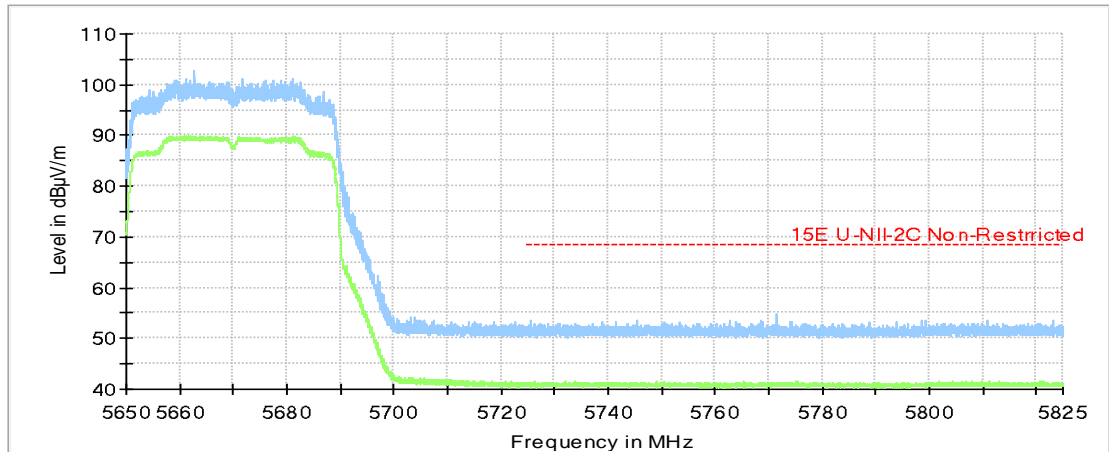
Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result:1]
- Critical_Freqs AVG [Critical_Freqs.Result:5]
- Critical_Freqs PK+ [Critical_Freqs.Result:4]
- 15E U-NII-2C PK [..]
- 15E U-NII-2C AVG [..]
- 15E U-NII-2C Non-Restricted [..]
- Final_Result PK+ [Final_Result.Result:4]
- Final_Result AVG [Final_Result.Result:5]

Fig.19 Band Edges (802.11ax-HT40, 5510MHz)

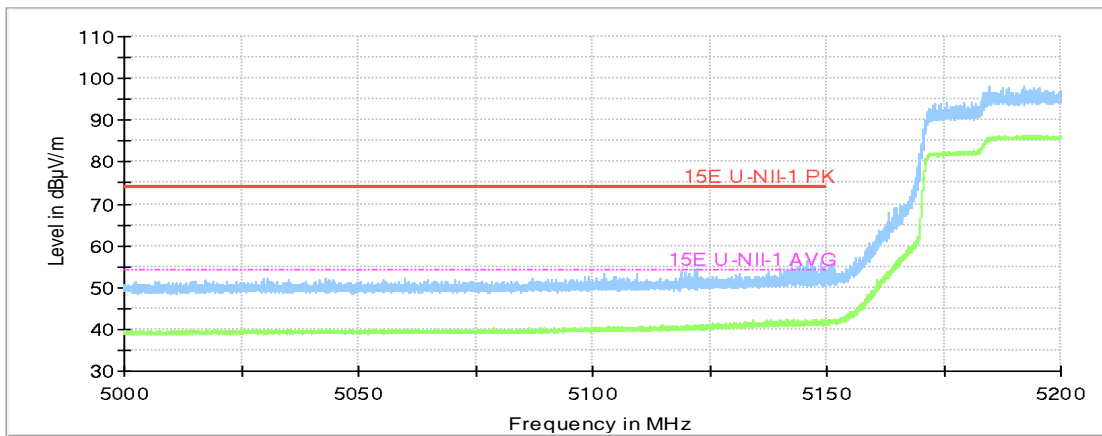
Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result 1]
- * Critical Freqs AVG [Critical Freqs.Result 5]
- * Critical Freqs PK+ [Critical Freqs.Result 4]
- - - 15E U-NII-2C Non-Restricted [..]
- ◆ Final Result PK+ [Final Result.Result 4]
- ◆ Final Result AVG [Final Result.Result 5]

Fig.20 Band Edges (802.11ax-HT40, 5670MHz)

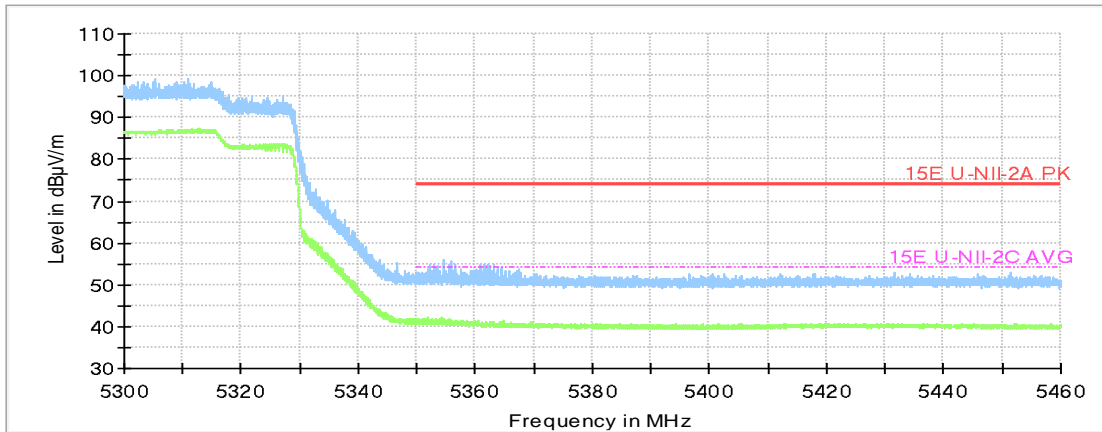
Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result 1]
- * Critical Freqs AVG [Critical Freqs.Result 5]
- * Critical Freqs PK+ [Critical Freqs.Result 4]
- 15E U-NII-1 PK [..]
- ... 15E U-NII-1 AVG [..]
- ◆ Final Result PK+ [Final Result.Result 4]
- ◆ Final Result AVG [Final Result.Result 5]

Fig.21 Band Edges (802.11ax-HT80, 5210MHz)

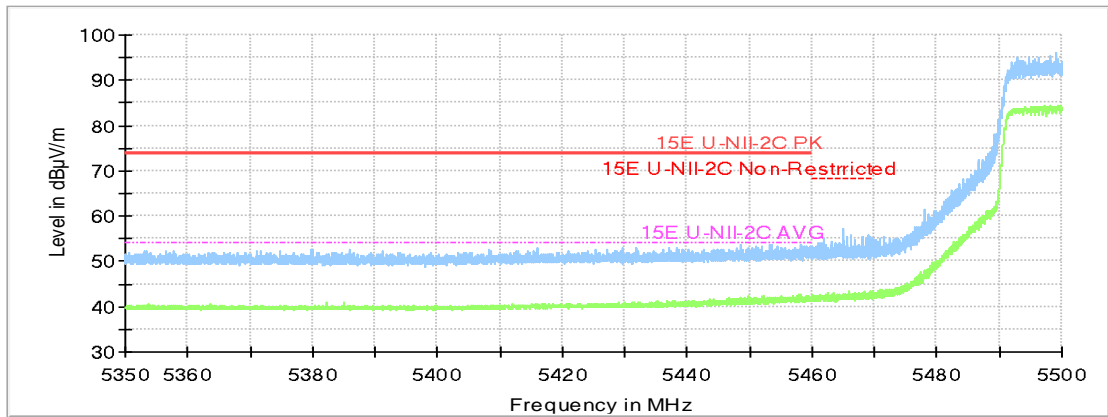
Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result:1]
- * Critical_Freqs AVG [Critical_Freqs.Result:5]
- * Critical_Freqs PK+ [Critical_Freqs.Result:4]
- 15E U-NII-2A PK [..]
- - - 15E U-NII-2C AVG [..]
- ◆ Final_Result PK+ [Final_Result.Result:4]
- ◆ Final_Result AVG [Final_Result.Result:5]

Fig.22 Band Edges (802.11ax-HT80, 5290MHz)

Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result:1]
- * Critical_Freqs AVG [Critical_Freqs.Result:5]
- * Critical_Freqs PK+ [Critical_Freqs.Result:4]
- 15E U-NII-2C PK [..]
- - - 15E U-NII-2C AVG [..]
- - - 15E U-NII-2C Non-Restricted [..]
- ◆ Final_Result PK+ [Final_Result.Result:4]
- ◆ Final_Result AVG [Final_Result.Result:5]

Fig.23 Band Edges (802.11ax-HT80, 5530MHz)

Full Spectrum

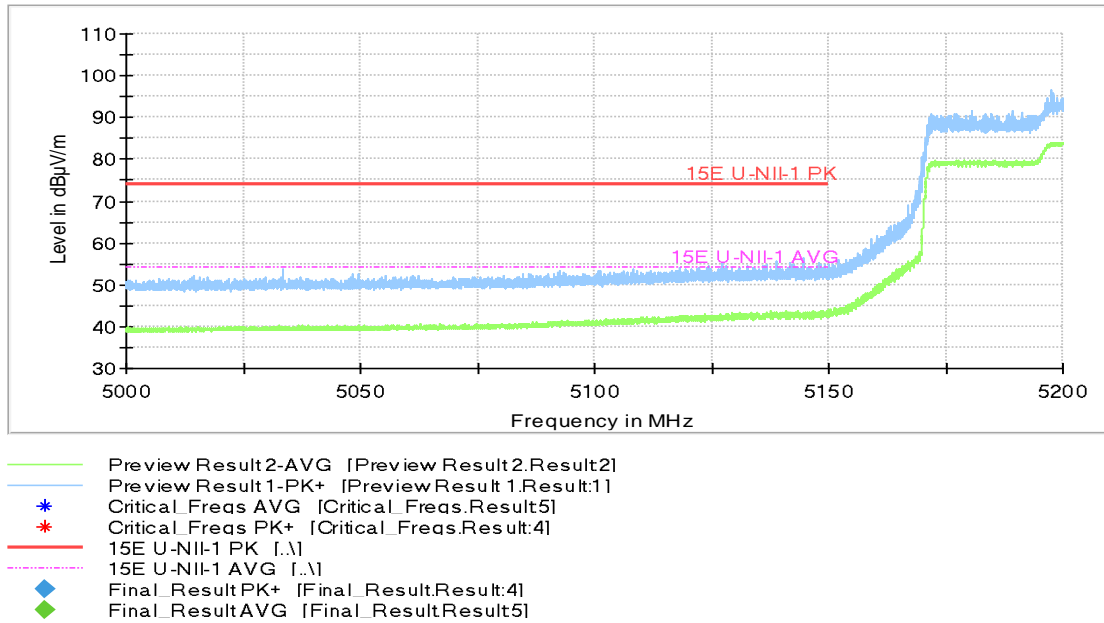


Fig.24 Band Edges (802.11ax-HT160, 5250MHz)

Full Spectrum

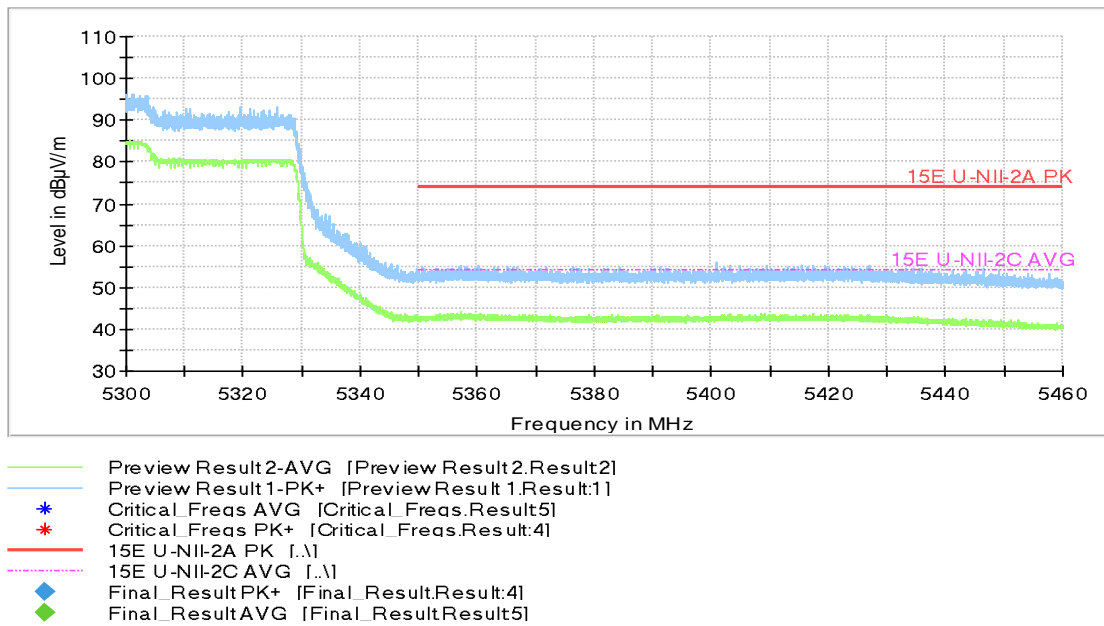


Fig.25 Band Edges (802.11ax-HT160, 5250MHz)

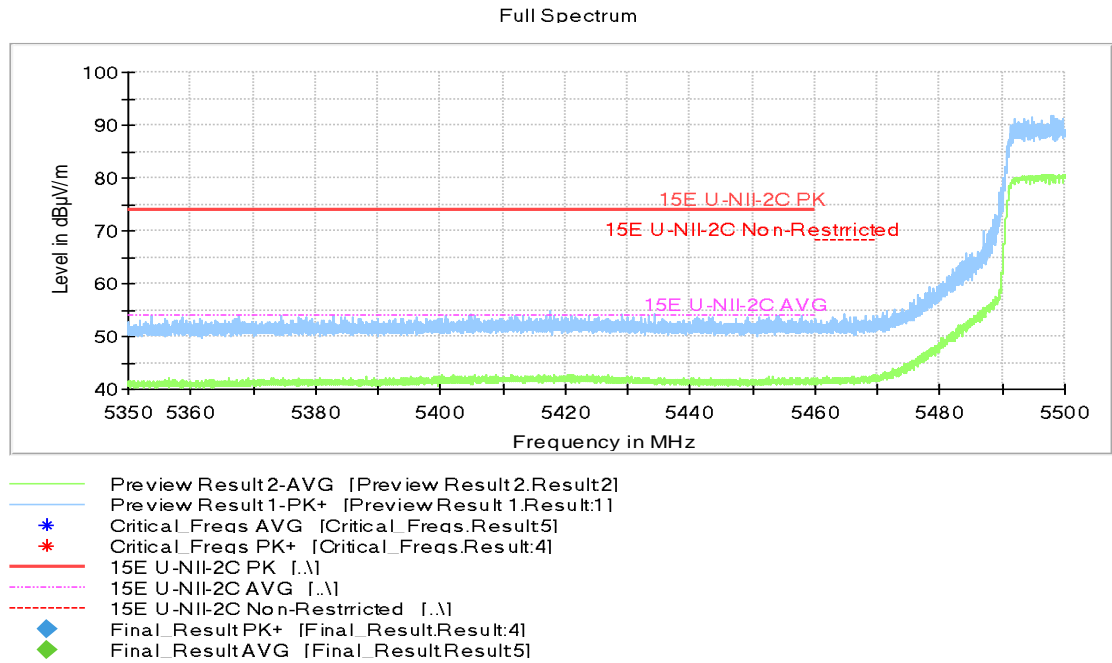


Fig.26 Band Edges (802.11ax-HT160, 5570MHz)

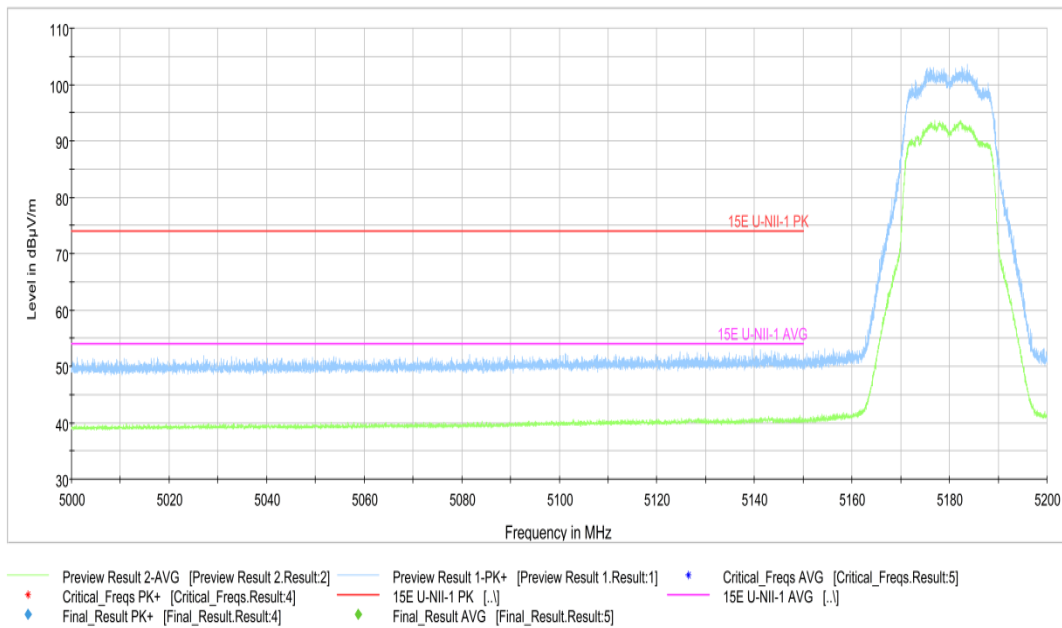


Fig.27 Band Edges (802.11ac-HT20, 5180MHz)

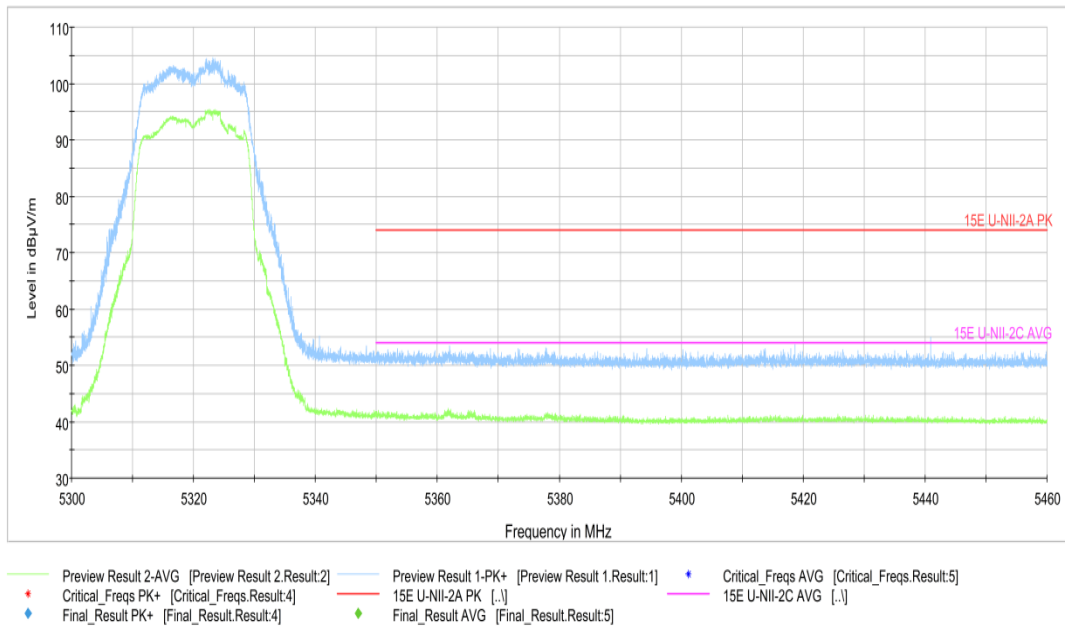


Fig.28 Band Edges (802.11ac-HT20, 5320MHz)

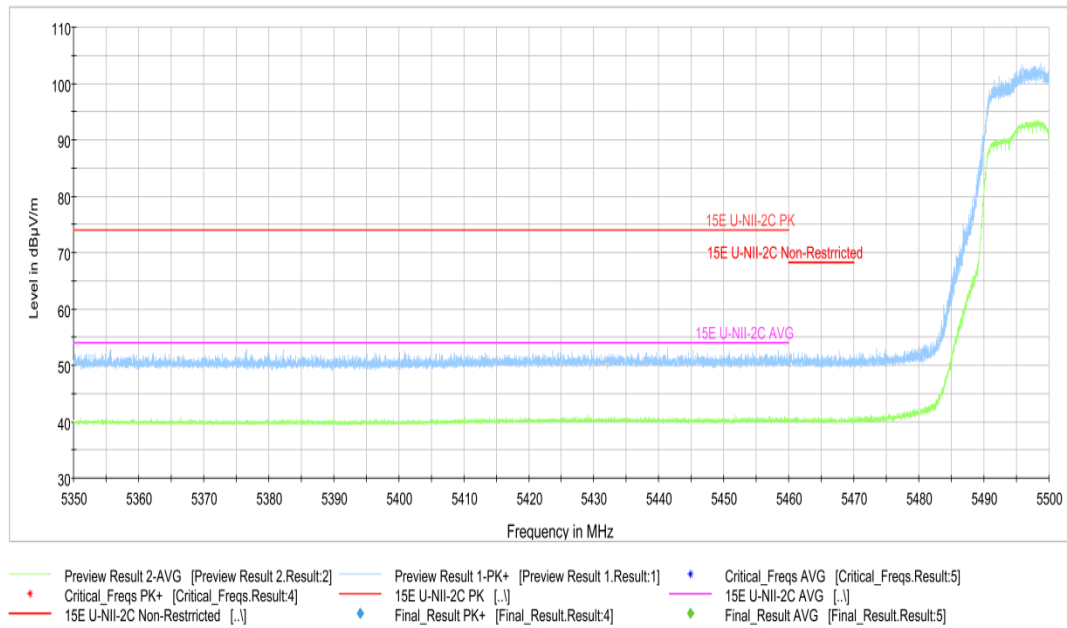


Fig.29 Band Edges (802.11ac-HT20, 5500MHz)

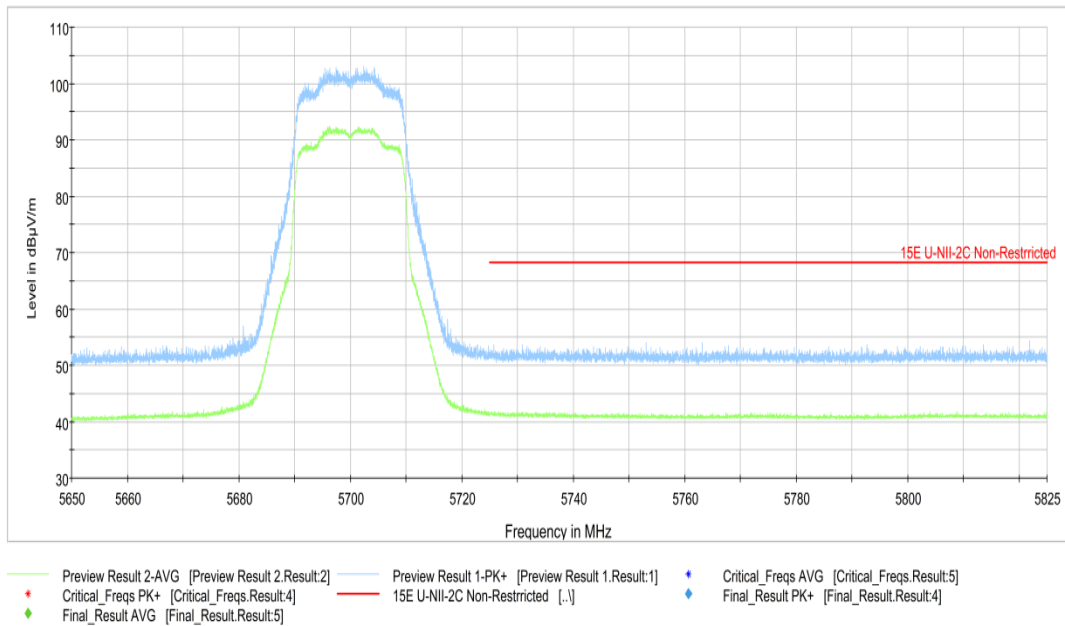


Fig.30 Band Edges (802.11ac-HT20, 5700MHz)

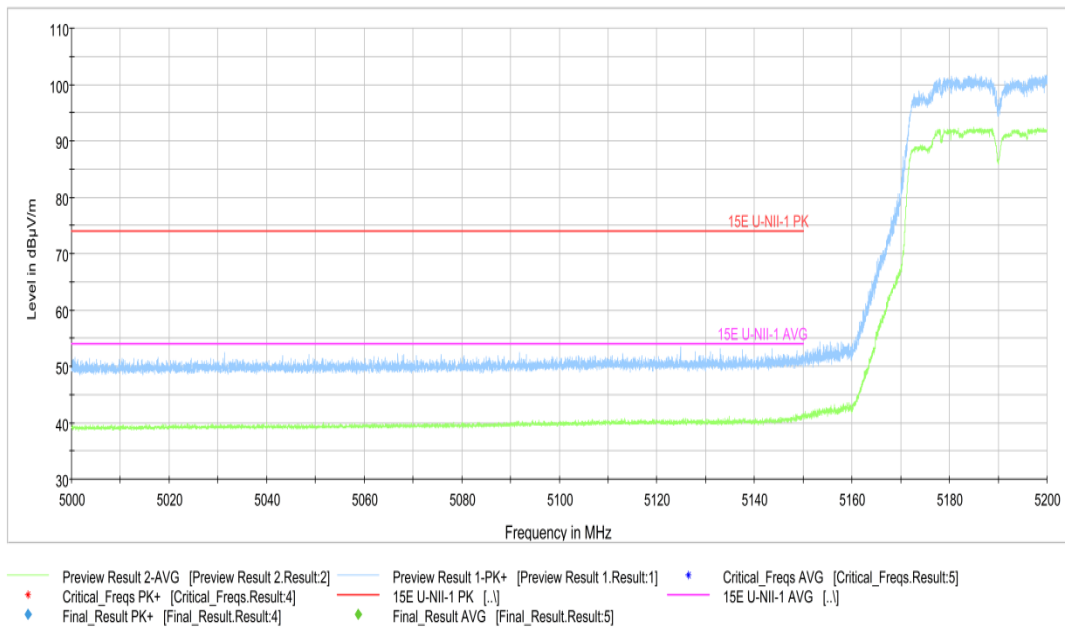


Fig.31 Band Edges (802.11ac-HT40, 5190MHz)

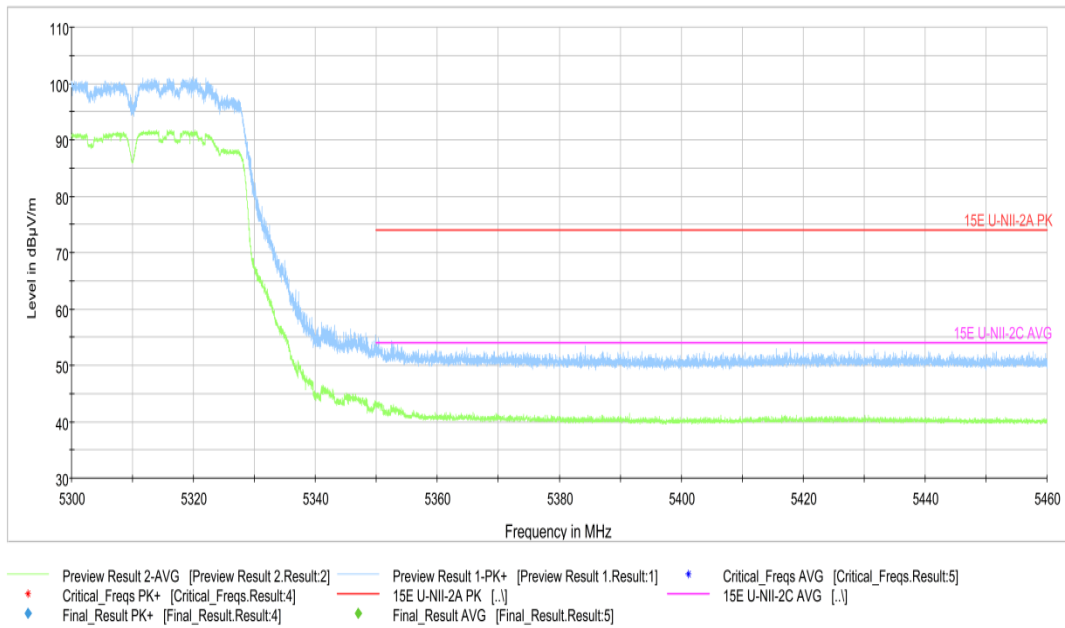


Fig.32 Band Edges (802.11ac-HT40, 5310MHz)

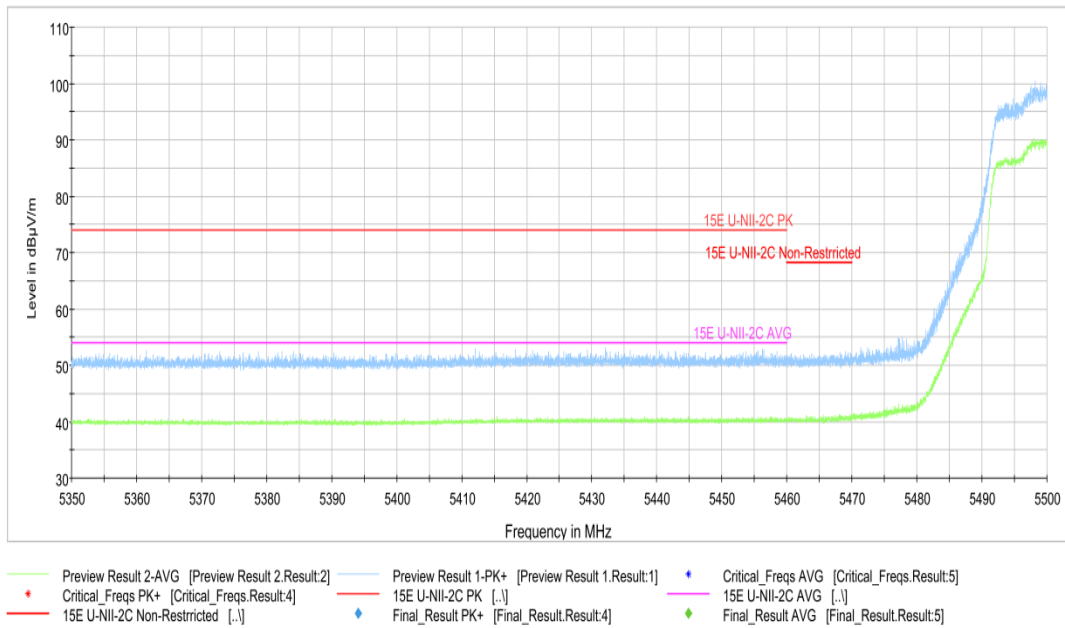


Fig.33 Band Edges (802.11ac-HT40, 5510MHz)

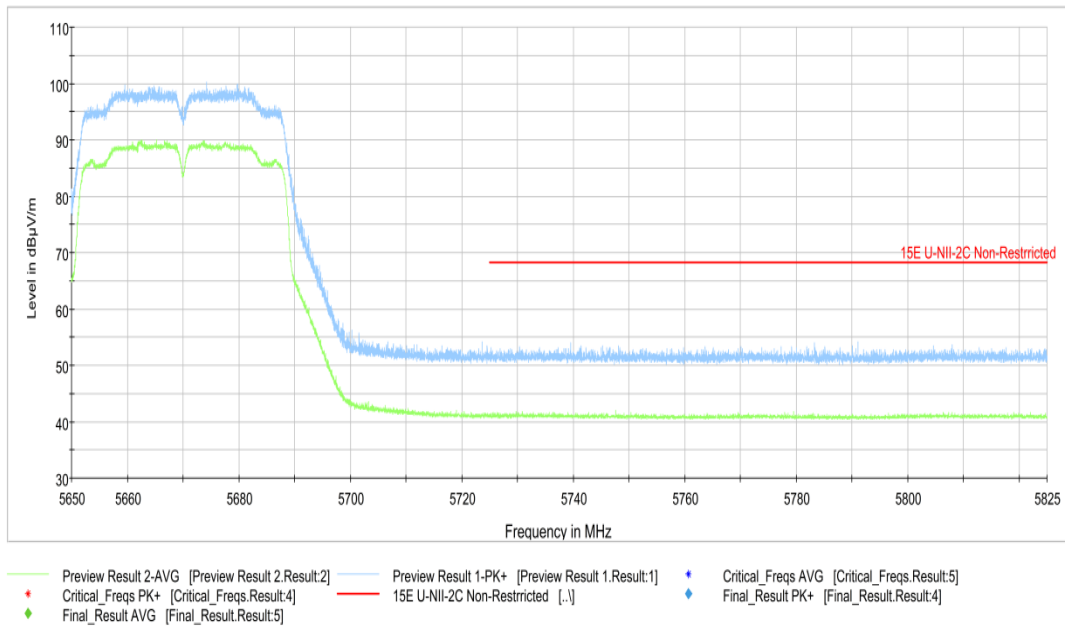


Fig.34 Band Edges (802.11ac-HT40, 5670MHz)

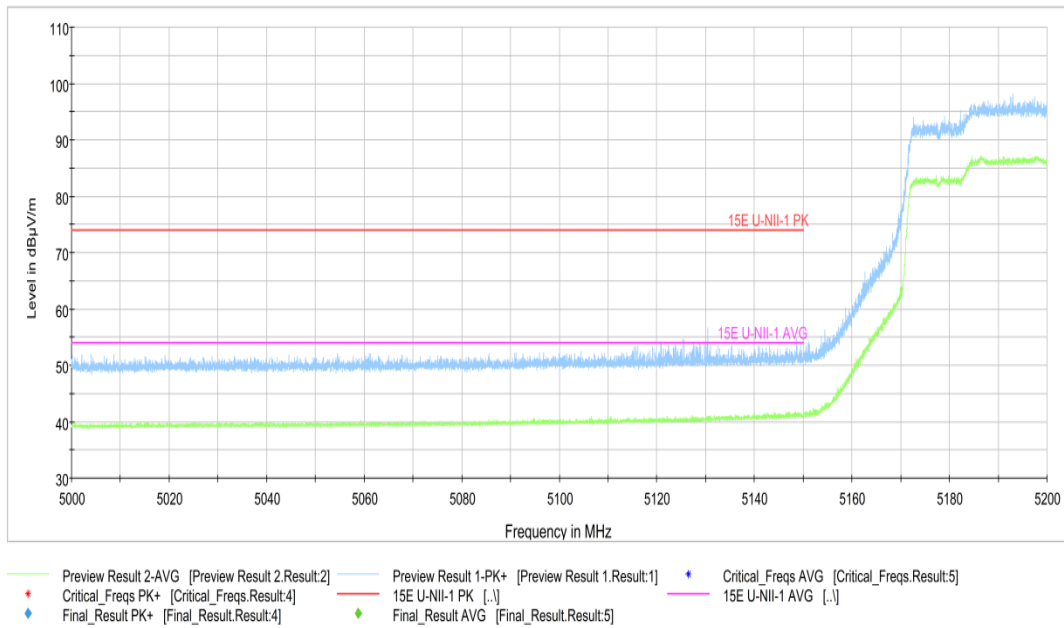


Fig.35 Band Edges (802.11ac-HT80, 5210MHz)

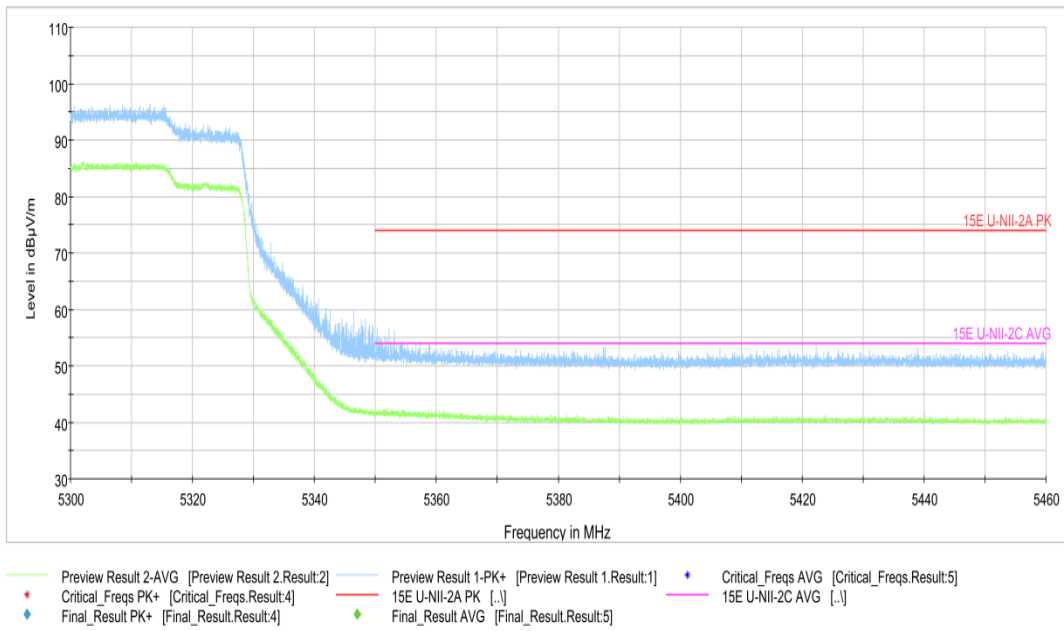


Fig.36 Band Edges (802.11ac-HT80, 5290MHz)

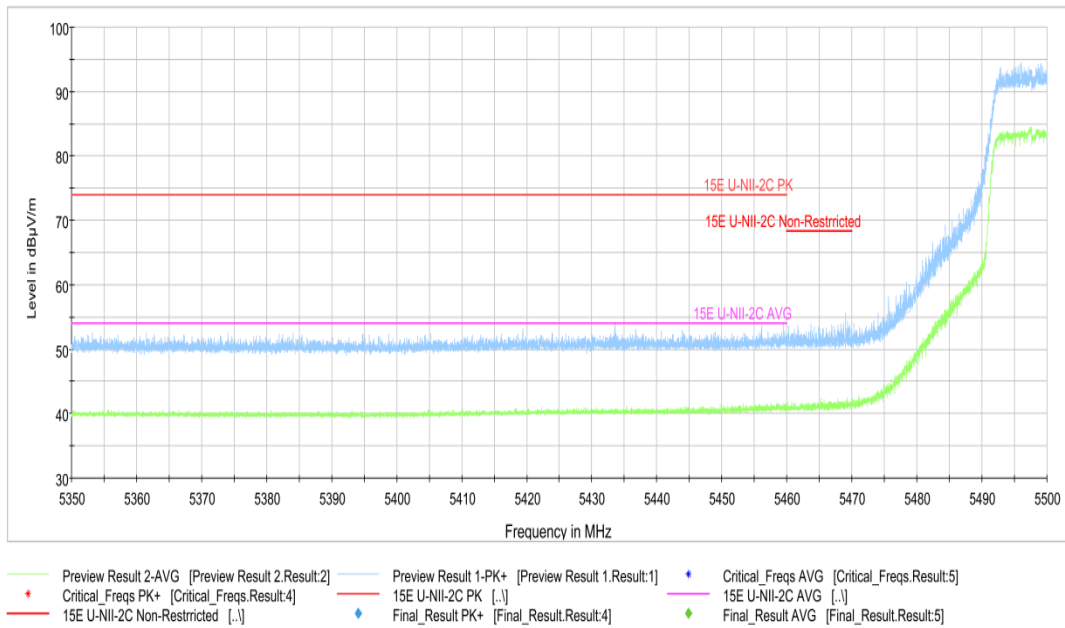
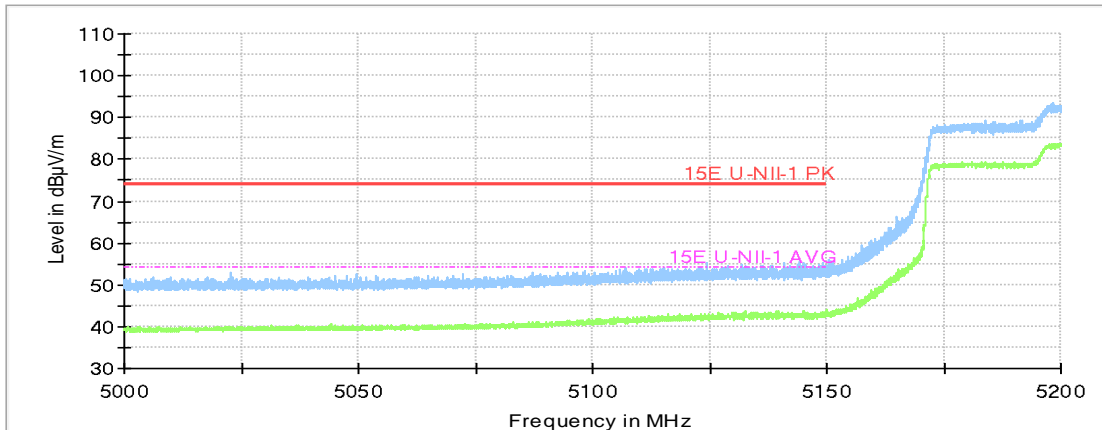


Fig.37 Band Edges (802.11ac-HT80, 5530MHz)

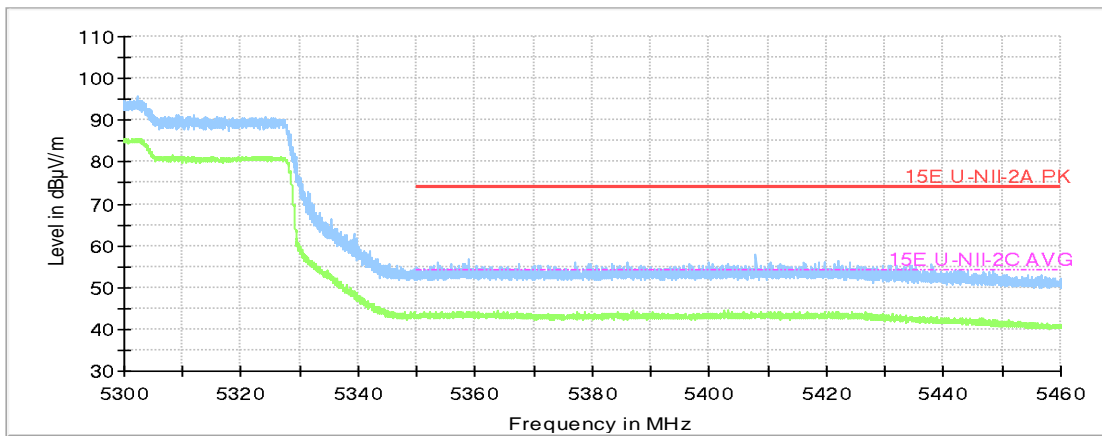
Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result:1]
- * Critical Freqs AVG [Critical Freqs.Result:5]
- * Critical Freqs PK+ [Critical Freqs.Result:4]
- 15E U-NII-1 PK [..]
- 15E U-NII-1 AVG [..]
- ◆ Final_Result PK+ [Final_Result.Result:4]
- ◆ Final_Result AVG [Final_Result.Result:5]

Fig.38 Band Edges (802.11ac-HT160, 5250MHz)

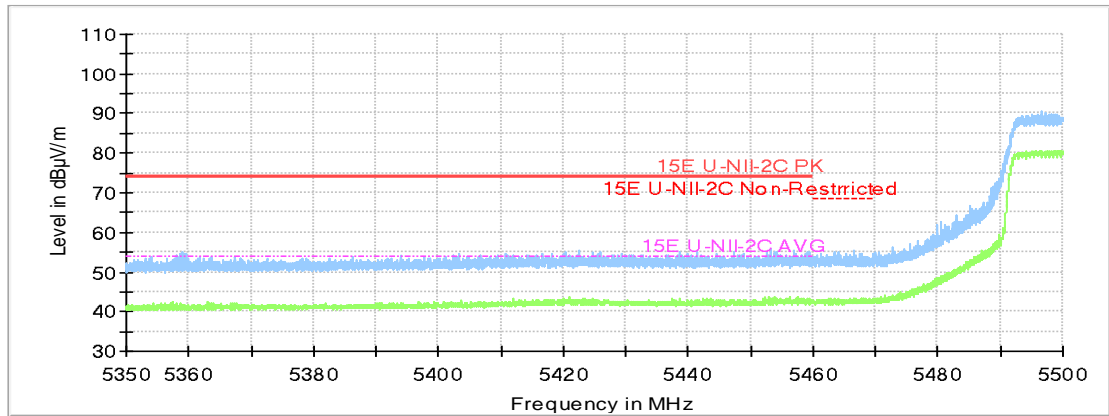
Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result:1]
- * Critical Freqs AVG [Critical Freqs.Result:5]
- * Critical Freqs PK+ [Critical Freqs.Result:4]
- 15E U-NII-2A PK [..]
- 15E U-NII-2C AVG [..]
- ◆ Final_Result PK+ [Final_Result.Result:4]
- ◆ Final_Result AVG [Final_Result.Result:5]

Fig.39 Band Edges (802.11ac-HT160, 5250MHz)

Full Spectrum



- Preview Result 2-AVG [Preview Result 2.Result 2]
- Preview Result 1-PK+ [Preview Result 1.Result 1]
- Critical Freqs AVG [Critical Freqs.Result 5]
- Critical Freqs PK+ [Critical Freqs.Result 4]
- 15E U-NII-2C PK [..]
- 15E U-NII-2C AVG [..]
- 15E U-NII-2C Non-Restricted [..]
- Final Result PK+ [Final Result.Result 4]
- Final Result AVG [Final Result.Result 5]

Fig.40 Band Edges (802.11ac-HT160, 5570MHz)

C.2. AC Power-line Conducted Emission

Reference

FCC 47 CFR Part 15, Clause 15.407, Clause 15.207

Method of Measurement:

See ANSI C63.10-2013 specifically.

See ANSI C63.10-2013 generally.

The conducted emissions from the AC port of the EUT are measured in a shielding room. The EUT is connected to a Line Impedance Stabilization Network (LISN). An overview sweep with peak detection was performed. The measurements were performed with a quasi-peak detector and if required, an average detector.

The conducted emission measurements were made with the following detector of the test receiver: Quasi-Peak / Average Detector.

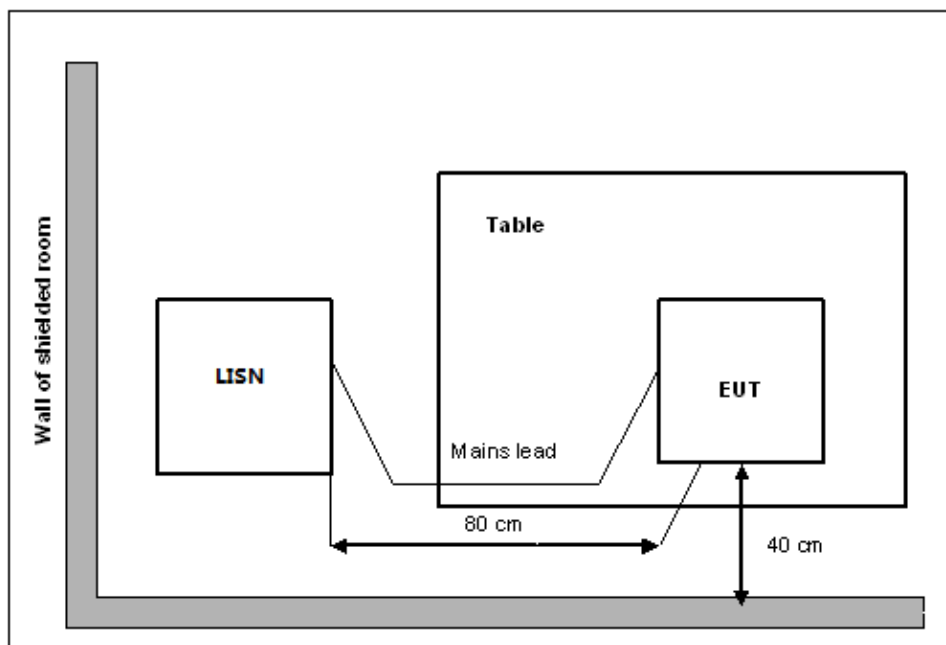
The measurement bandwidth is:

Frequency of Emission (MHz)	RBW/IF bandwidth	Sweep Time(s)
0.15-30	9kHz	1

Test Condition:

Voltage (V)	Frequency (Hz)
120	60

Measurement Setup



EUT Operating Mode and Test Conditions

The measurement of EUT is carried out under the transmitting state.

The EUT is powered by a travel adapter.

Measurement Result and limit:

WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dB μ V)	Result (dB μ V)		Conclusion
		With charger		
		802.11a	Idle	
0.15 to 0.5	66 to 56	Fig.C.2.1	Fig.C.2.2	P
0.5 to 5	56			
5 to 30	60			

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

WLAN (Average Limit)

Frequency range (MHz)	Average Limit (dB μ V)	Result (dB μ V)		Conclusion
		With charger		
		802.11a	Idle	
0.15 to 0.5	56 to 46	Fig.C.2.1	Fig.C.2.2	P
0.5 to 5	46			
5 to 30	50			

NOTE: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

Note: all modes have been tested and the worst results shown here.

Conclusion: Pass
Test graphs as below:

Traffic:

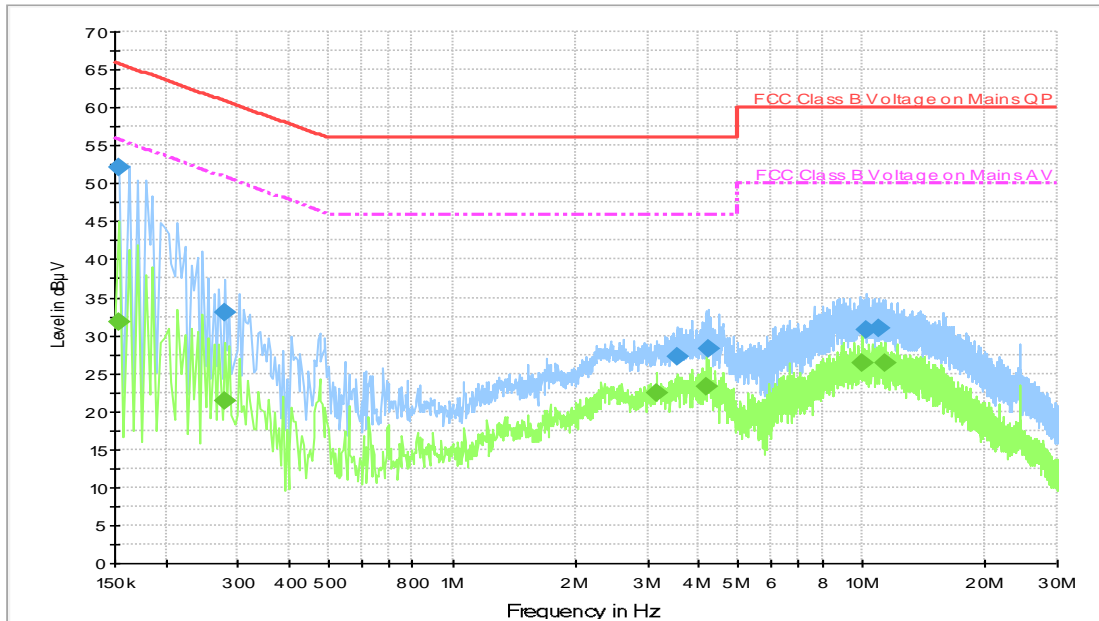


Fig.C.2.1 AC Powerline Conducted Emission-802.11a

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154000	52.1	5000.	9.000	N	19.8	13.6	65.8
0.278000	33.0	5000.	9.000	L1	20.0	27.8	60.9
3.526000	27.2	5000.	9.000	L1	19.5	28.8	56.0
4.218000	28.2	5000.	9.000	L1	19.6	27.8	56.0
10.202000	30.8	5000.	9.000	L1	19.7	29.2	60.0
10.950000	31.0	5000.	9.000	L1	19.6	29.0	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.154000	31.8	5000.0	9.000	N	19.8	24.0	55.8
0.278000	21.4	5000.0	9.000	L1	20.0	29.4	50.9
3.146000	22.4	5000.0	9.000	L1	19.5	23.6	46.0
4.190000	23.4	5000.0	9.000	L1	19.6	22.6	46.0
10.038000	26.3	5000.0	9.000	L1	19.7	23.7	50.0
11.326000	26.3	5000.0	9.000	L1	19.6	23.7	50.0

Idle:

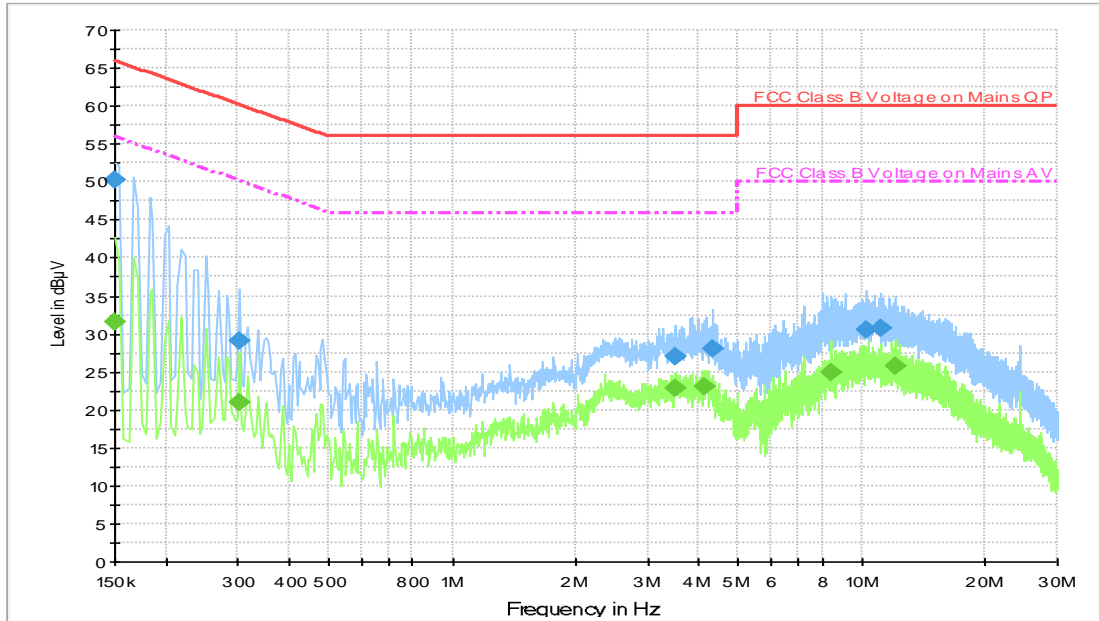


Fig.C.2.2 AC Powerline Conducted Emission-Idle

Note1: The graphic result above is the maximum of the measurements for both phase line and neutral line.

Final Result 1

Frequency (MHz)	QuasiPeak (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	50.2	5000.	9.000	L1	20.2	15.8	66.0
0.302000	29.0	5000.	9.000	N	19.9	31.1	60.2
3.486000	27.0	5000.	9.000	L1	19.5	29.0	56.0
4.338000	28.0	5000.	9.000	L1	19.6	28.0	56.0
10.206000	30.6	5000.	9.000	L1	19.7	29.4	60.0
11.186000	30.7	5000.	9.000	L1	19.6	29.3	60.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	31.6	5000.0	9.000	L1	20.2	24.4	56.0
0.302000	21.1	5000.0	9.000	N	19.9	29.1	50.2
3.486000	22.9	5000.0	9.000	L1	19.5	23.1	46.0
4.106000	23.0	5000.0	9.000	L1	19.6	23.0	46.0
8.422000	24.9	5000.0	9.000	L1	19.6	25.1	50.0
12.042000	25.7	5000.0	9.000	L1	19.6	24.3	50.0

*** END OF REPORT BODY ***