



**FCC PART 15
TEST REPORT
No. I21Z70186-EMC11**

for

Samsung Electronics Co., Ltd.

Notebook PC

XE315XDA

with

FCC ID: ZCAXE315XDA

Hardware Version: REV1.0

Software Version: Chrome

Issued Date: 2021-07-14

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

Report Number	Revision	Description	Issue Date
I21Z70186-EMC11	Rev.0	1st edition	2021-07-14

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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 1:CTTL(Huayuan North Road)

Address: No. 52, Huayuan North Road, Haidian District, Beijing,
P. R. China100191

Location 2:CTTL(BDA)

Address: No.18A, Kangding Street, Beijing Economic-Technology
Development Area, Beijing, P. R. China 100176

1.3. Testing Environment

Normal Temperature: 15-35°C

Relative Humidity: 20-75%

1.4. Project date

Testing Start Date: 2021-05-06

Testing End Date: 2021-07-02

1.5. Signature



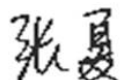
Li Yan

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2. CLIENT INFORMATION

2.1 Applicant Information

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2.2 Manufacturer Information

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Contact: Sunghoon Cho
Email: ggobi.cho@samsung.com
Telephone: +82-10-2722-4159
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3. PRODUCT INFORMATION

3.1. About EUT

Description	Notebook PC
Model name	XE315XDA
FCC ID	ZCAXE315XDA

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	2170186UT44a	REV1.0	Chrome
EUT2	2170186UT25a	REV1.0	Chrome

*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	Travel Adapter	/	/
AE3	battery	/	Inbuilt

AE1

Model	EP-TA845
Manufacturer	DONGYANG E&P Inc
Length of cable	/

AE2

Model	EP-TA845
Manufacturer	SOLUM CO.,LTD
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.

Antenna information

Item	Spec.	Vendor	Vendor P/N	Sample under test
Antenna	Main antenna (Chain A)	AWAN	/	EUT2
	Auxiliary antenna (Chain B)			
Antenna	Main antenna (Chain A)	SPEED	/	EUT1
	Auxiliary antenna (Chain B)			

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 & 802.11ax20 (20 MHz channel bandwidth), 802.11n40 & 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	2019
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	26°C
Voltage	V nom	4.0V
Humidity	H nom	20-75%

6. TEST EQUIPMENTS UTILIZED

Radiated emission test system

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	Test Receiver	ESU26	100376	R&S	1 year	2021-09-04
2	BiLog Antenna	VULB9163	9163-482	Schwarzbeck	1 year	2021-11-04
3	Dual-Ridge Waveguide Horn Antenna	3117	00139065	ETS-Lindgren	1 year	2021-10-11
4	Dual-Ridge Waveguide Horn Antenna	3116	2663	ETS-Lindgren	1 year	2021-08-05
5	Analytical Spectrometer	FSV40	R&S	101047	1 year	2022-05-17
6	Loop Antenna	HFH2-Z2	829324/007	R&S	1 year	2021-12-10
7	Test Receiver	ESU26	100235	R&S	1 year	2022-02-23

AC Powerline Conducted Emission

No.	Equipment	Model	Serial Number	Manufacturer	Calibration Period	Calibration Due date
1	LISN	ENV216	101459	R&S	1 year	2022-03-16
2	Test Receiver	ESCI	100766	R&S	1 year	2022-03-09

7. Measurement Uncertainty

Radiated Spurious Emission

(k=2)

Frequency Range	Uncertainty(dB)
9kHz-30MHz	/
$30\text{MHz} \leq f \leq 1\text{GHz}$	5.40
$1\text{GHz} \leq f \leq 18\text{GHz}$	4.32
$18\text{GHz} \leq f \leq 40\text{GHz}$	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

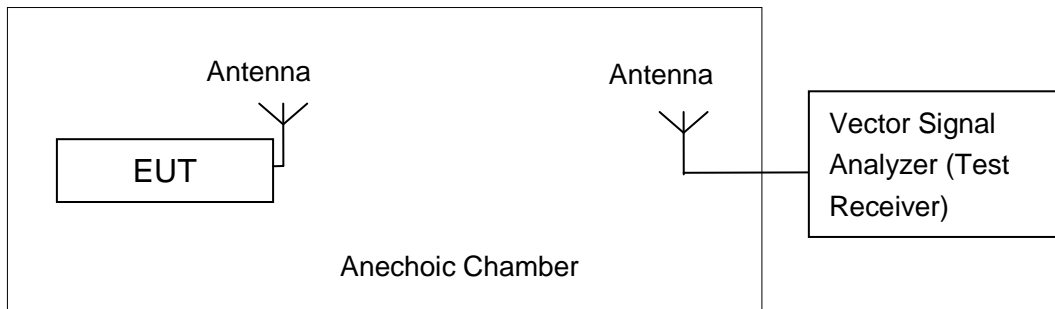
Specification Reference

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 RSS-247, 6.2	-27 dBm/MHz

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

Limit in restricted band:

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

Frequency of emission (MHz)	Field strength(dB μ V/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/VBW
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 dB μ V/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.

For EUT1 with SPEED antenna 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.

For EUT2 with AWAN antenna 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

SPEED

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)
5123.800	39.49	-23.35	34.25	28.59	54.00	14.51	V
5133.100	39.62	-23.32	34.26	28.68	54.00	14.38	V
10853.300	31.47	-29.82	37.94	23.35	54.00	22.53	V
15540.400	35.10	-24.49	40.15	19.44	54.00	18.90	V
17877.900	37.52	-22.57	41.52	18.56	54.00	16.48	V
17962.600	37.64	-22.75	41.51	18.88	54.00	16.36	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)
5145.400	38.41	-23.28	34.26	27.43	54.00	15.59	V
5355.700	39.07	-22.29	34.34	27.02	54.00	14.93	V
11071.100	31.11	-29.93	38.03	23.01	54.00	22.89	V
15570.100	34.87	-24.50	40.19	19.18	54.00	19.13	V
17824.000	37.49	-22.46	41.53	18.42	54.00	16.51	H
17937.300	37.60	-22.69	41.51	18.78	54.00	16.40	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)
5113.300	38.09	-23.39	34.25	27.23	54.00	15.91	V
5359.300	39.52	-22.29	34.35	27.47	54.00	14.48	V
11225.100	31.03	-30.40	38.09	23.34	54.00	22.97	V
15719.700	34.77	-24.36	40.37	18.76	54.00	19.23	H
17835.000	37.82	-22.48	41.53	18.77	54.00	16.18	H
17919.700	37.97	-22.66	41.52	19.11	54.00	16.03	V

Channel 52

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5146.900	37.66	-23.28	34.26	26.68	54.00	16.34	V
5352.100	38.17	-22.29	34.34	26.12	54.00	15.83	V
10874.200	31.61	-29.87	37.95	23.53	54.00	22.39	V
15780.200	34.93	-24.20	40.44	18.69	54.00	19.07	H
17830.600	37.92	-22.48	41.53	18.86	54.00	16.08	V
17901.000	37.92	-22.62	41.52	19.02	54.00	16.08	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)
5148.100	37.56	-23.28	34.26	26.57	54.00	16.44	V
5352.100	38.26	-22.29	34.34	26.21	54.00	15.74	V
11027.100	31.86	-29.82	38.01	23.66	54.00	22.14	H
15839.600	35.66	-24.06	40.51	19.22	54.00	18.34	H
17824.000	37.85	-22.46	41.53	18.78	54.00	16.15	V
17896.600	37.98	-22.61	41.52	19.07	54.00	16.02	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)
5350.900	38.86	-22.29	34.34	26.81	54.00	15.14	V
5352.400	38.81	-22.29	34.34	26.76	54.00	15.19	V
10639.900	30.65	-29.30	37.86	22.10	54.00	23.35	H
15959.500	35.75	-23.82	40.65	18.92	54.00	18.25	V
17833.900	37.86	-22.48	41.53	18.81	54.00	16.14	V
17899.900	38.19	-22.62	41.52	19.29	54.00	15.81	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5443.000	39.97	-22.65	34.38	28.24	54.00	14.03	V
5456.500	39.97	-22.70	34.38	28.28	54.00	14.03	V
11000.000	30.17	-29.87	38.00	22.05	54.00	23.83	H
17772.800	37.25	-22.35	41.55	18.05	54.00	16.75	V
17843.200	37.29	-22.50	41.53	18.26	54.00	16.71	H
17941.600	37.24	-22.70	41.51	18.44	54.00	16.76	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)
5377.600	39.42	-22.29	34.35	27.36	54.00	14.58	V
5386.600	39.52	-22.29	34.36	27.45	54.00	14.48	V
11200.000	30.25	-30.43	38.08	22.59	54.00	23.75	H
17812.800	37.25	-22.44	41.54	18.15	54.00	16.75	H
17861.600	37.29	-22.54	41.53	18.31	54.00	16.71	H
17945.600	37.24	-22.71	41.51	18.45	54.00	16.76	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)
5366.800	39.17	-22.29	34.35	27.11	54.00	14.83	V
5389.000	39.21	-22.29	34.36	27.14	54.00	14.79	V
11400.000	30.29	-29.72	38.16	21.84	54.00	23.71	V
17812.800	37.14	-22.44	41.54	18.05	54.00	16.86	H
17887.200	37.14	-22.59	41.52	18.21	54.00	16.86	V
17972.000	37.21	-22.77	41.51	18.47	54.00	16.79	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)
5442.700	39.06	-22.65	34.38	27.34	48.30	9.23	V
5457.100	38.96	-22.70	34.38	27.27	48.30	9.34	V
11440.000	30.17	-29.47	38.18	21.46	48.30	18.13	V
17826.400	37.18	-22.47	41.53	18.12	48.30	11.12	H
17887.200	37.05	-22.59	41.52	18.12	48.30	11.25	H
17963.200	37.23	-22.75	41.51	18.47	48.30	11.07	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)
5145.400	38.88	-23.28	34.26	27.91	54.00	15.12	V
5149.000	38.97	-23.27	34.26	27.98	54.00	15.03	V
10869.800	31.11	-29.86	37.95	23.02	54.00	22.89	H
15540.400	34.82	-24.49	40.15	19.16	54.00	19.18	V
17821.800	37.44	-22.46	41.54	18.36	54.00	16.56	H
17919.700	37.88	-22.66	41.52	19.02	54.00	16.12	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)
5146.600	38.47	-23.28	34.26	27.49	54.00	15.53	V
5351.800	39.36	-22.29	34.34	27.31	54.00	14.64	V
11242.700	30.95	-30.38	38.10	23.23	54.00	23.05	V
15599.800	34.82	-24.52	40.22	19.12	54.00	19.18	H
17748.100	37.43	-22.29	41.55	18.17	54.00	16.57	V
17841.600	37.40	-22.50	41.53	18.36	54.00	16.60	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)
5133.100	38.21	-23.32	34.26	27.28	54.00	15.79	V
5358.100	39.38	-22.29	34.35	27.33	54.00	14.62	V
11765.200	32.24	-29.46	38.47	23.24	54.00	21.76	H
15719.700	34.45	-24.36	40.37	18.44	54.00	19.55	H
17895.570	37.54	-22.61	41.52	18.62	54.00	16.46	H
17975.800	37.30	-22.77	41.50	18.57	54.00	16.70	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)
5149.000	37.61	-23.27	34.26	26.62	54.00	16.39	V
5352.400	38.23	-22.29	34.34	26.18	54.00	15.77	V
10872.000	31.59	-29.86	37.95	23.51	54.00	22.41	V
15780.200	34.91	-24.20	40.44	18.67	54.00	19.09	V
17818.500	37.76	-22.45	41.54	18.67	54.00	16.24	V
17863.600	37.60	-22.54	41.53	18.61	54.00	16.40	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)
5148.100	37.77	-23.28	34.26	26.78	54.00	16.23	V
5352.700	38.47	-22.29	34.34	26.41	54.00	15.53	V
10559.600	30.41	-29.45	37.82	22.04	54.00	23.59	H
15839.600	35.58	-24.06	40.51	19.13	54.00	18.42	V
17817.400	37.75	-22.45	41.54	18.66	54.00	16.25	H
17909.800	38.18	-22.64	41.52	19.30	54.00	15.82	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)
5350.600	38.98	-22.29	34.34	26.93	54.00	15.02	V
5350.900	38.99	-22.29	34.34	26.94	54.00	15.01	V
10639.900	30.45	-29.30	37.86	21.89	54.00	23.55	V
15959.500	35.49	-23.82	40.65	18.66	54.00	18.51	H
17835.000	37.75	-22.48	41.53	18.70	54.00	16.25	V
17935.100	37.78	-22.69	41.51	18.96	54.00	16.22	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5441.500	39.65	-22.64	34.38	27.91	54.00	14.35	V
5451.700	39.65	-22.70	34.38	27.97	54.00	14.35	V
11000.000	30.72	-29.87	38.00	22.59	54.00	23.28	H
17924.000	37.36	-22.67	41.52	18.51	54.00	16.64	H
17880.000	37.25	-22.58	41.52	18.31	54.00	16.75	H
17962.400	37.24	-22.75	41.51	18.48	54.00	16.76	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)
5397.400	39.33	-22.30	34.36	27.26	54.00	14.67	V
5432.500	39.20	-22.57	34.37	27.40	54.00	14.80	V
11200.000	21.07	-30.43	38.08	13.42	54.00	32.93	H
17856.000	37.31	-22.53	41.53	18.31	54.00	16.69	H
17919.200	37.25	-22.66	41.52	18.39	54.00	16.75	V
17966.400	37.30	-22.75	41.51	18.55	54.00	16.70	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)
5359.000	39.26	-22.29	34.35	27.21	54.00	14.74	V
5387.800	39.26	-22.29	34.36	27.19	54.00	14.74	V
11400.000	30.39	-29.72	38.16	21.95	54.00	23.61	V
17860.800	37.23	-22.54	41.53	18.24	54.00	16.77	H
17923.200	37.19	-22.67	41.52	18.34	54.00	16.81	V
17970.400	37.33	-22.76	41.51	18.58	54.00	16.67	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)
5439.700	39.15	-22.62	34.38	27.39	54.00	14.85	V
5456.200	38.94	-22.70	34.38	27.26	54.00	15.06	V
11440.000	30.18	-29.47	38.18	21.47	54.00	23.82	H
17818.400	30.18	-22.45	41.54	11.09	54.00	23.82	H
17884.000	37.24	-22.59	41.52	18.30	54.00	16.76	V
17948.800	37.16	-22.72	41.51	18.37	54.00	16.84	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)
5147.200	39.34	-23.28	34.26	28.35	54.00	14.66	V
5149.000	39.52	-23.27	34.26	28.53	54.00	14.48	V
11683.800	32.43	-29.49	38.39	23.53	54.00	21.57	V
15570.100	35.17	-24.50	40.19	19.49	54.00	18.83	H
17820.700	37.74	-22.46	41.54	18.66	54.00	16.26	H
17888.900	37.77	-22.60	41.52	18.84	54.00	16.23	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)
5139.700	37.41	-23.30	34.26	26.45	54.00	16.59	V
5350.300	37.81	-22.29	34.34	25.76	54.00	16.19	V
11814.700	32.95	-29.30	38.52	23.73	54.00	21.05	H
15629.000	35.27	-24.54	40.26	19.55	54.00	18.73	H
17828.400	37.69	-22.47	41.53	18.63	54.00	16.31	H
17897.700	37.85	-22.61	41.52	18.94	54.00	16.15	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)
5125.300	37.86	-23.35	34.25	26.95	54.00	16.14	V
5372.800	38.58	-22.29	34.35	26.51	54.00	15.42	V
10539.800	30.49	-29.55	37.82	22.22	54.00	23.51	V
15809.900	35.85	-24.12	40.47	19.50	54.00	18.15	H
17827.300	38.25	-22.47	41.53	19.19	54.00	15.75	V
17910.900	38.54	-22.64	41.52	19.67	54.00	15.46	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)
5353.300	40.13	-22.29	34.34	28.08	54.00	13.87	V
5356.000	39.73	-22.29	34.34	27.67	54.00	14.27	V
10620.000	31.06	-29.20	37.85	22.41	54.00	22.94	V
15930.400	35.83	-23.88	40.62	19.09	54.00	18.17	V
17740.800	38.29	-22.27	41.55	19.01	54.00	15.71	H
17903.200	38.40	-22.63	41.52	19.50	54.00	15.60	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)
5454.100	38.75	-22.70	34.38	27.07	54.00	15.25	V
5460.000	38.71	-22.69	34.38	27.02	54.00	15.29	V
11020.000	31.10	-29.83	38.01	22.93	54.00	22.90	V
17744.800	37.40	-22.28	41.55	18.13	54.00	16.60	H
17825.600	37.09	-22.47	41.53	18.02	54.00	16.91	H
17897.600	37.26	-22.61	41.52	18.35	54.00	16.74	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5432.800	38.91	-22.57	34.37	27.11	54.00	15.09	V
5445.100	38.86	-22.67	34.38	27.15	54.00	15.14	V
11180.000	30.42	-30.45	38.07	22.80	54.00	23.58	H
17751.200	37.39	-22.30	41.55	18.14	54.00	16.61	H
17844.000	37.15	-22.50	41.53	18.12	54.00	16.85	V
17936.000	37.21	-22.69	41.51	18.39	54.00	16.79	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)
5440.000	38.80	-22.63	34.38	27.05	48.30	9.50	V
5443.300	38.84	-22.65	34.38	27.12	48.30	9.46	V
11340.210	30.47	-30.03	38.14	22.36	48.30	17.83	V
17819.200	37.45	-22.45	41.54	18.36	48.30	10.85	V
17872.800	37.43	-22.56	41.53	18.46	48.30	10.87	V
17934.400	37.08	-22.69	41.51	18.26	48.30	11.22	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)
5420.800	38.91	-22.48	34.37	27.02	54.00	15.09	V
5436.400	39.08	-22.60	34.38	27.30	54.00	14.92	V
11420.000	32.05	-29.59	38.17	23.48	54.00	21.95	V
17772.000	37.97	-22.35	41.55	18.77	54.00	16.03	V
17835.200	38.11	-22.49	41.53	19.06	54.00	15.89	V
17905.600	38.36	-22.63	41.52	19.47	54.00	15.64	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)
5143.600	38.22	-23.29	34.26	27.25	54.00	15.78	V
5148.400	38.28	-23.28	34.26	27.30	54.00	15.72	V
10910.500	31.15	-29.95	37.96	23.14	54.00	22.85	V
15540.400	34.84	-24.49	40.15	19.18	54.00	19.16	H
17743.700	37.57	-22.28	41.55	18.30	54.00	16.43	H
17835.000	37.53	-22.48	41.53	18.48	54.00	16.47	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)
5147.500	38.17	-23.28	34.26	27.19	54.00	15.83	V
5353.600	38.91	-22.29	34.34	26.86	54.00	15.09	V
11242.700	30.95	-30.38	38.10	23.23	54.00	23.05	V
15599.800	34.82	-24.52	40.22	19.12	54.00	19.18	V
17748.100	37.43	-22.29	41.55	18.17	54.00	16.57	H
17841.600	37.40	-22.50	41.53	18.36	54.00	16.60	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)
5144.200	37.78	-23.29	34.26	26.81	54.00	16.22	V
5360.500	39.01	-22.29	34.35	26.95	54.00	14.99	V
10961.100	30.99	-29.96	37.98	22.96	54.00	23.01	V
15719.700	34.52	-24.36	40.37	18.52	54.00	19.48	V
17912.000	37.72	-22.64	41.52	18.84	54.00	16.28	H
17950.500	37.45	-22.72	41.51	18.66	54.00	16.55	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)
5148.400	37.86	-23.28	34.26	26.87	54.00	16.14	V
5353.300	38.44	-22.29	34.34	26.39	54.00	15.56	V
10520.000	30.73	-29.65	37.81	22.57	54.00	23.27	H
15780.200	34.93	-24.20	40.44	18.69	54.00	19.07	H
17827.300	37.87	-22.47	41.53	18.80	54.00	16.13	H
17919.700	38.10	-22.66	41.52	19.24	54.00	15.90	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)
5149.000	37.73	-23.27	34.26	26.74	54.00	16.27	V
5352.100	38.56	-22.29	34.34	26.51	54.00	15.44	V
10892.900	31.47	-29.91	37.96	23.42	54.00	22.53	V
15839.600	35.45	-24.06	40.51	19.00	54.00	18.55	H
17826.200	37.73	-22.47	41.53	18.66	54.00	16.27	H
17925.200	37.81	-22.67	41.51	18.97	54.00	16.19	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)
5350.900	39.22	-22.29	34.34	27.17	54.00	14.78	V
5353.300	39.27	-22.29	34.34	27.22	54.00	14.73	V
10639.900	30.45	-29.30	37.86	21.90	54.00	23.55	V
15959.500	35.77	-23.82	40.65	18.94	54.00	18.23	H
17838.300	37.80	-22.49	41.53	18.76	54.00	16.20	V
17908.700	38.03	-22.64	41.52	19.15	54.00	15.97	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5446.000	38.16	-22.67	34.38	26.46	54.00	15.84	V
5457.100	38.09	-22.70	34.38	26.40	54.00	15.91	V
11000.000	30.93	-29.87	38.00	22.81	54.00	23.07	V
17801.600	37.49	-22.41	41.54	18.36	54.00	16.51	V
17868.800	37.41	-22.55	41.53	18.44	54.00	16.59	H
17904.800	37.48	-22.63	41.52	18.59	54.00	16.52	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)
5393.200	37.91	-22.29	34.36	25.84	54.00	16.09	V
5435.500	38.00	-22.59	34.38	26.22	54.00	16.00	V
11200.000	30.49	-30.43	38.08	22.83	54.00	23.51	H
17747.200	37.39	-22.29	41.55	18.13	54.00	16.61	H
17864.800	37.30	-22.55	41.53	18.32	54.00	16.70	V
17951.200	37.38	-22.72	41.51	18.59	54.00	16.62	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)
5386.900	38.23	-22.29	34.36	26.17	54.00	15.77	V
5396.500	38.10	-22.29	34.36	26.03	54.00	15.90	V
11400.000	21.15	-29.72	38.16	12.71	54.00	32.85	V
17757.600	37.41	-22.31	41.55	18.17	54.00	16.59	V
17870.400	37.26	-22.56	41.53	18.29	54.00	16.74	V
17946.400	37.31	-22.71	41.51	18.51	54.00	16.69	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)
5420.200	38.92	-22.47	34.37	27.02	54.00	15.08	V
5447.200	39.01	-22.68	34.38	27.31	54.00	14.99	V
11440.000	30.28	-29.47	38.18	21.57	54.00	23.72	H
17767.200	37.46	-22.33	41.55	18.25	54.00	16.54	V
17840.800	37.08	-22.50	41.53	18.05	54.00	16.92	V
17899.200	37.22	-22.62	41.52	18.31	54.00	16.78	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)
5144.200	38.20	-23.29	34.26	27.23	54.00	15.80	V
5144.500	38.22	-23.29	34.26	27.25	54.00	15.78	V
11365.900	31.73	-29.91	38.15	23.49	54.00	22.27	H
15690.000	34.96	-24.44	40.33	19.06	54.00	19.04	H
17841.600	37.64	-22.50	41.53	18.60	54.00	16.36	H
17918.600	37.97	-22.66	41.52	19.11	54.00	16.03	H

Channel 46

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5137.300	37.42	-23.30	34.26	26.47	54.00	16.58	V
5358.700	37.94	-22.29	34.35	25.89	54.00	16.06	V
10925.900	31.39	-29.98	37.97	23.40	54.00	22.61	H
15570.100	35.06	-24.50	40.19	19.38	54.00	18.94	V
17836.100	37.82	-22.49	41.53	18.77	54.00	16.18	H
17912.000	37.91	-22.64	41.52	19.03	54.00	16.09	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)
5112.400	37.75	-23.40	34.25	26.90	54.00	16.25	V
5375.500	38.71	-22.29	34.35	26.65	54.00	15.29	V
10540.000	30.47	-29.55	37.82	22.20	54.00	23.53	V
15810.400	35.74	-24.12	40.47	19.38	54.00	18.26	H
17768.000	38.27	-22.34	41.55	19.06	54.00	15.73	V
17905.600	38.43	-22.63	41.52	19.54	54.00	15.57	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)
5350.000	40.77	-22.29	34.34	28.72	54.00	13.23	V
5352.100	40.67	-22.29	34.34	28.62	54.00	13.33	V
10620.000	30.97	-29.20	37.85	22.32	54.00	23.03	V
15930.400	35.74	-23.88	40.62	19.01	54.00	18.26	H
17752.800	38.26	-22.30	41.55	19.01	54.00	15.74	V
17899.200	38.43	-22.62	41.52	19.53	54.00	15.57	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)
5449.600	39.49	-22.70	34.38	27.81	54.00	14.51	V
5459.800	39.59	-22.69	34.38	27.90	54.00	14.41	V
11020.000	31.36	-29.83	38.01	23.18	54.00	22.64	H
17800.000	37.45	-22.41	41.54	18.32	54.00	16.55	H
17888.000	37.48	-22.59	41.52	18.56	54.00	16.52	V
17972.800	37.48	-22.77	41.51	18.75	54.00	16.52	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5440.900	39.08	-22.63	34.38	27.34	54.00	14.92	V
5456.800	38.95	-22.70	34.38	27.26	54.00	15.05	V
11180.000	30.73	-30.45	38.07	23.10	54.00	23.27	H
17774.400	37.48	-22.35	41.54	18.28	54.00	16.52	V
17874.000	37.46	-22.57	41.52	18.50	54.00	16.54	V
17943.200	37.35	-22.71	41.51	18.54	54.00	16.65	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)
5439.100	38.94	-22.62	34.38	27.18	54.00	15.06	V
5456.200	38.88	-22.70	34.38	27.20	54.00	15.12	V
11340.000	32.10	-30.03	38.14	23.99	54.00	21.90	H
17776.000	38.00	-22.35	41.54	18.81	54.00	16.00	V
17837.600	38.07	-22.49	41.53	19.03	54.00	15.93	V
17910.400	38.33	-22.64	41.52	19.45	54.00	15.67	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)
5440.900	39.06	-22.63	34.38	27.32	54.00	14.94	V
5455.000	38.89	-22.70	34.38	27.20	54.00	15.11	V
11420.000	32.11	-29.59	38.17	23.54	54.00	21.89	H
17796.000	37.91	-22.40	41.54	18.77	54.00	16.09	V
17880.800	38.08	-22.58	41.52	19.14	54.00	15.92	H
17936.000	38.14	-22.69	41.51	19.32	54.00	15.86	H

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Channel 42

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
5149.600	41.0	-23.3	34.3	29.92	54.0	13.0	V
5149.900	41.0	-23.3	34.3	29.90	54.0	13.0	V
10420.000	31.0	-29.3	37.5	22.77	54.0	23.0	H
15630.400	35.5	-24.5	40.4	19.68	54.0	18.5	V
17755.200	38.2	-22.3	41.3	19.30	54.0	15.8	V
17909.600	38.4	-22.6	41.3	19.79	54.0	15.6	V

Channel 58

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
5351.800	43.0	-22.3	34.5	30.79	54.0	11.0	V
5353.000	43.0	-22.3	34.5	30.78	54.0	11.0	V
10580.000	30.7	-29.3	37.6	22.43	54.0	23.3	H
15870.400	35.8	-24.0	40.6	19.14	54.0	18.2	V
17739.200	38.4	-22.3	41.2	19.39	54.0	15.6	H
17904.000	38.5	-22.6	41.3	19.89	54.0	15.5	V

Channel 106

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5455.300	40.5	-22.7	34.6	28.66	54.0	13.5	V
5460.000	40.6	-22.7	34.6	28.70	54.0	13.4	V
11060.000	31.9	-29.9	38.0	23.79	54.0	22.1	H
17835.200	38.0	-22.5	41.3	19.18	54.0	16.0	V
17892.000	38.1	-22.6	41.3	19.41	54.0	15.9	H
17944.000	38.0	-22.7	41.3	19.40	54.0	16.0	V

Channel 122

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5413.300	39.1	-22.4	34.5	26.97	54.0	14.9	V
5442.700	39.2	-22.6	34.6	27.32	54.0	14.8	V
11380.000	32.0	-29.8	38.4	23.50	54.0	22.0	H
17837.600	38.0	-22.5	41.3	19.23	54.0	16.0	V
17892.800	38.3	-22.6	41.3	19.63	54.0	15.7	H
17954.400	38.2	-22.7	41.3	19.59	54.0	15.8	V

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Channel 50

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5149.000	42.5	-23.3	34.3	31.41	54.0	11.5	V
5149.900	42.6	-23.3	34.3	31.55	54.0	11.4	V
5406.400	46.2	-22.4	34.5	34.04	54.0	7.8	V
5403.700	46.1	-22.3	34.5	33.93	54.0	7.9	H
17823.200	37.4	-22.5	41.3	18.56	54.0	16.6	H
17910.400	37.7	-22.6	41.3	19.04	54.0	16.3	V

Channel 114

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5442.700	42.6	-22.6	34.6	30.71	54.0	11.4	V
5460.000	42.6	-22.7	34.6	30.75	54.0	11.4	V
11140.000	32.0	-30.4	38.1	24.25	54.0	22.0	H
17756.800	38.1	-22.3	41.3	19.15	54.0	15.9	H
17835.200	38.1	-22.5	41.3	19.32	54.0	15.9	V
17898.400	38.4	-22.6	41.3	19.70	54.0	15.6	H

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Channel 42

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5149.300	40.3	-23.3	34.3	29.23	54.0	13.7	V
5149.900	40.3	-23.3	34.3	29.25	54.0	13.7	V
10420.000	30.9	-29.3	37.5	22.67	54.0	23.1	V
15630.400	35.5	-24.5	40.4	19.71	54.0	18.5	H
17829.600	38.3	-22.5	41.3	19.46	54.0	15.7	H
17902.400	38.5	-22.6	41.3	19.82	54.0	15.5	V

Channel 58

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5350.900	41.3	-22.3	34.5	29.08	54.0	12.7	V
5354.500	41.4	-22.3	34.5	29.20	54.0	12.6	V
10580.000	30.8	-29.3	37.6	22.47	54.0	23.2	H
15870.400	35.8	-24.0	40.6	19.12	54.0	18.2	V
17835.200	38.3	-22.5	41.3	19.49	54.0	15.7	H
17910.400	38.5	-22.6	41.3	19.82	54.0	15.5	H

Channel 106

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5454.700	40.1	-22.7	34.6	28.27	54.0	13.9	V
5459.800	40.2	-22.7	34.6	28.30	54.0	13.8	V
11060.000	32.1	-29.9	38.0	24.02	54.0	21.9	H
17825.600	37.9	-22.5	41.3	19.08	54.0	16.1	H
17898.400	38.2	-22.6	41.3	19.57	54.0	15.8	V
17972.800	38.0	-22.8	41.3	19.48	54.0	16.0	V

Channel 138

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5426.500	39.1	-22.5	34.5	27.08	54.0	14.9	V
5440.000	39.2	-22.6	34.6	27.31	54.0	14.8	V
11380.000	32.2	-29.8	38.4	23.65	54.0	21.8	H
17824.800	38.1	-22.5	41.3	19.33	54.0	15.9	V
17882.400	38.0	-22.6	41.3	19.33	54.0	16.0	V
17932.800	38.3	-22.7	41.3	19.73	54.0	15.7	V

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Channel 50

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5149.000	42.5	-23.3	34.3	31.41	54.0	11.5	V
5149.900	42.6	-23.3	34.3	31.55	54.0	11.4	V
5406.400	46.2	-22.4	34.5	34.04	54.0	7.8	V
5403.700	46.1	-22.3	34.5	33.93	54.0	7.9	H
17823.200	37.4	-22.5	41.3	18.56	54.0	16.6	H
17910.400	37.7	-22.6	41.3	19.04	54.0	16.3	V

Channel 114

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5442.700	42.6	-22.6	34.6	30.71	54.0	11.4	V
5460.000	42.6	-22.7	34.6	30.75	54.0	11.4	V
11140.000	32.0	-30.4	38.1	24.25	54.0	22.0	H
17756.800	38.1	-22.3	41.3	19.15	54.0	15.9	H
17835.200	38.1	-22.5	41.3	19.32	54.0	15.9	V
17898.400	38.4	-22.6	41.3	19.70	54.0	15.6	H

PEAK Results:
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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)
5147.315	56.20	-23.28	34.26	45.21	74.00	17.80	H
5148.627	56.65	-23.28	34.26	45.66	74.00	17.35	H
10360.000	47.76	-29.67	37.63	39.80	68.30	20.54	H
15540.000	53.55	-24.49	40.15	37.89	74.00	20.45	V
17048.500	57.07	-23.03	42.14	37.96	68.30	11.23	V
17721.700	57.37	-22.23	41.56	38.04	68.30	10.93	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)
5168.400	55.62	-23.22	34.27	44.58	68.30	12.68	V
5230.200	55.87	-23.36	34.29	44.93	68.30	12.43	H
10400.000	47.85	-29.32	37.68	39.48	68.30	20.45	V
15600.000	53.56	-24.52	40.22	37.87	74.00	20.44	V
16828.850	56.50	-23.00	41.96	37.53	68.30	11.80	H
17519.860	56.50	-22.77	41.60	37.68	68.30	11.80	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)
5206.600	55.66	-23.26	34.28	44.64	68.30	12.64	V
5277.000	55.10	-22.88	34.31	43.67	68.30	13.20	V
10480.000	48.01	-29.57	37.78	39.80	68.30	20.29	H
15720.000	53.72	-24.36	40.37	37.71	74.00	20.28	H
17045.200	57.06	-23.03	42.15	37.95	68.30	11.23	H
17720.650	57.36	-22.23	41.56	38.03	68.30	10.94	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)
5209.000	52.38	-23.27	34.29	41.37	68.30	15.92	H
5302.200	52.51	-22.62	34.32	40.80	68.30	15.79	V
10520.000	44.28	-29.65	37.81	36.12	68.30	24.02	V
15780.200	50.57	-24.20	40.44	34.33	74.00	23.43	H
16743.800	55.69	-23.06	41.84	36.91	68.30	12.61	H
16955.000	56.77	-23.01	42.14	37.64	68.30	11.53	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)
5250.000	54.60	-23.23	34.30	43.52	68.30	13.70	H
5332.200	54.17	-22.38	34.33	42.21	68.30	14.13	V
10560.150	45.26	-29.45	37.82	36.88	68.30	23.04	V
15840.150	53.55	-24.06	40.51	37.10	74.00	20.45	V
16882.950	56.94	-23.00	42.04	37.91	68.30	11.36	V
17101.300	56.77	-23.04	42.08	37.74	68.30	11.52	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)
5351.055	56.59	-22.29	34.34	44.54	74.00	17.41	H
5353.552	55.40	-22.29	34.34	43.35	74.00	18.60	H
10639.900	44.01	-29.30	37.86	35.46	74.00	29.99	H
15960.050	52.42	-23.82	40.65	35.59	74.00	21.58	V
17616.650	57.51	-22.13	41.58	38.06	68.30	10.79	H
17630.950	57.04	-22.04	41.57	37.50	68.30	11.26	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)
5449.915	55.15	-22.70	34.38	43.47	74.00	18.85	H
5452.240	55.45	-22.70	34.38	43.77	74.00	18.55	V
11000.150	45.46	-29.87	38.00	37.33	74.00	28.54	V
16500.150	53.63	-23.16	41.50	35.29	68.30	14.67	V
16855.450	56.41	-23.00	42.00	37.41	68.30	11.89	V
16979.750	56.55	-23.02	42.17	37.39	68.30	11.75	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)
5503.600	54.72	-22.63	34.41	42.95	68.30	13.58	H
5649.200	54.64	-22.84	34.68	42.81	68.30	13.66	H
11199.800	45.23	-30.43	38.08	37.57	74.00	28.77	H
16799.900	54.98	-23.00	41.92	36.06	68.30	13.32	H
16922.550	55.09	-23.01	42.09	36.00	68.30	13.21	V
17464.850	56.44	-23.14	41.64	37.93	68.30	11.86	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)
5731.738	55.54	-22.98	34.83	43.69	68.30	12.76	V
5734.550	55.25	-22.97	34.83	43.39	68.30	13.05	V
11400.000	45.02	-29.72	38.16	36.58	74.00	28.98	H
17100.200	54.47	-23.04	42.08	35.43	68.30	13.83	V
17364.200	56.22	-22.96	41.76	37.42	68.30	12.08	V
17580.900	55.22	-22.37	41.58	36.00	68.30	13.08	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)
5692.200	54.80	-22.89	34.76	42.93	68.30	13.50	H
5753.400	54.03	-22.93	34.87	42.10	68.30	14.27	V
11440.150	45.09	-29.46	38.18	36.38	68.30	23.21	V
17160.150	53.15	-22.97	42.01	34.11	68.30	15.15	V
17214.600	54.62	-22.88	41.94	35.57	68.30	13.67	H
17354.850	55.21	-22.93	41.77	36.37	68.30	13.09	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)
5147.700	56.75	-23.28	34.26	45.76	74.00	17.25	H
5149.555	55.92	-23.27	34.26	44.93	74.00	18.08	H
10360.000	47.65	-29.67	37.63	39.69	68.30	20.65	V
15540.000	53.48	-24.49	40.15	37.82	68.30	14.82	H
17045.600	57.15	-23.03	42.14	38.03	68.30	11.15	H
17725.500	57.48	-22.24	41.55	38.16	68.30	10.82	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)
5168.400	55.04	-23.22	34.27	44.00	68.30	13.26	H
5230.200	54.90	-23.36	34.29	43.97	68.30	13.40	H
10400.000	47.67	-29.32	37.68	39.30	68.30	20.63	V
15600.000	53.48	-24.52	40.22	37.78	68.30	14.82	V
16830.500	56.39	-23.00	41.97	37.42	68.30	11.91	H
17520.500	56.61	-22.77	41.60	37.78	68.30	11.69	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)
5206.200	55.22	-23.26	34.28	44.20	68.30	13.08	V
5269.800	55.68	-22.97	34.31	44.35	68.30	12.62	H
10480.560	47.85	-29.57	37.78	39.65	68.30	20.45	H
15720.360	53.55	-24.36	40.37	37.54	68.30	14.75	H
16768.000	55.35	-23.01	41.88	36.49	68.30	12.95	H
17154.100	56.45	-22.98	42.01	37.42	68.30	11.85	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)
5203.800	52.47	-23.25	34.28	41.44	68.30	15.83	H
5315.000	53.26	-22.52	34.33	41.45	68.30	15.04	V
10520.000	45.27	-29.65	37.81	37.11	68.30	23.03	H
15780.200	51.18	-24.20	40.44	34.94	74.00	22.82	V
17597.400	57.36	-22.26	41.58	38.03	68.30	10.94	H
17697.500	56.35	-22.17	41.56	36.97	68.30	11.95	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)
5249.600	54.45	-23.23	34.30	43.38	68.30	13.85	H
5320.400	53.87	-22.47	34.33	42.01	68.30	14.43	H
10560.150	44.75	-29.45	37.82	36.37	68.30	23.55	H
15840.150	51.76	-24.06	40.51	35.31	74.00	22.24	V
16855.450	57.17	-23.00	42.00	38.18	68.30	11.13	V
17291.600	56.74	-22.78	41.85	37.68	68.30	11.56	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)
5351.595	56.03	-22.29	34.34	43.98	74.00	17.97	H
5353.215	55.62	-22.29	34.34	43.57	74.00	18.38	V
10639.900	44.69	-29.30	37.86	36.14	74.00	29.31	V
15960.050	52.28	-23.82	40.65	35.44	74.00	21.72	H
16969.850	56.20	-23.02	42.16	37.05	68.30	12.10	H
17104.600	56.39	-23.04	42.07	37.36	68.30	11.91	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5451.940	54.92	-22.70	34.38	43.24	74.00	19.08	V
5454.160	55.21	-22.70	34.38	43.52	74.00	18.79	V
11000.150	44.48	-29.87	38.00	36.35	74.00	29.52	H
16500.150	53.14	-23.16	41.50	34.80	68.30	15.16	V
16863.700	55.39	-23.00	42.01	36.38	68.30	12.91	H
17237.150	56.50	-22.85	41.91	37.44	68.30	11.80	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)
5555.000	54.22	-22.61	34.50	42.33	68.30	14.08	H
5667.200	53.68	-22.84	34.71	41.81	68.30	14.62	V
11199.800	44.41	-30.43	38.08	36.75	68.30	23.89	V
16799.900	53.00	-23.00	41.92	34.07	68.30	15.30	H
17016.050	55.12	-23.02	42.18	35.96	68.30	13.18	V
17415.900	56.10	-23.08	41.70	37.47	68.30	12.20	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)
5728.363	54.67	-22.98	34.82	42.84	68.30	13.62	H
5743.375	55.03	-22.95	34.85	43.14	68.30	13.27	H
11400.000	44.34	-29.72	38.16	35.90	68.30	23.96	H
17100.200	53.46	-23.04	42.08	34.42	68.30	14.84	V
17249.800	54.86	-22.83	41.90	35.79	68.30	13.44	V
17418.650	56.73	-23.08	41.70	38.12	68.30	11.57	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)
5702.000	56.78	-22.91	34.77	44.92	68.30	11.52	V
5760.200	54.67	-22.92	34.88	42.71	68.30	13.63	H
11440.150	45.10	-29.46	38.18	36.39	74.00	28.90	V
17160.150	53.32	-22.97	42.01	34.28	68.30	14.98	H
17270.150	55.03	-22.79	41.87	35.95	68.30	13.27	H
17441.750	55.22	-23.14	41.67	36.69	68.30	13.08	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)
5146.108	54.43	-23.28	34.26	43.46	74.00	19.57	V
5148.785	54.03	-23.27	34.26	43.05	74.00	19.97	H
10379.750	46.59	-29.50	37.66	38.42	68.30	21.71	V
15570.100	52.68	-24.50	40.19	37.00	68.30	15.62	H
16831.800	57.40	-23.00	41.97	38.43	68.30	10.90	H
17129.350	57.93	-23.02	42.04	38.90	68.30	10.37	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)
5168.800	52.03	-23.22	34.27	40.98	68.30	16.27	V
5296.800	53.10	-22.66	34.32	41.44	68.30	15.20	V
10460.050	46.08	-29.49	37.75	37.82	68.30	22.22	V
15690.000	50.72	-24.44	40.33	34.83	68.30	17.58	V
16970.950	56.51	-23.02	42.16	37.37	68.30	11.79	V
17089.500	56.42	-23.04	42.09	37.37	68.30	11.88	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)
5231.400	54.36	-23.36	34.29	43.43	74.00	19.64	V
5312.800	54.76	-22.53	34.33	42.96	74.00	19.24	H
10539.800	45.04	-29.55	37.82	36.77	68.30	23.26	V
15809.900	51.91	-24.12	40.47	35.56	74.00	22.09	V
16934.650	57.32	-23.01	42.11	38.22	68.30	10.98	V
17696.950	56.98	-22.17	41.56	37.60	68.30	11.31	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)
5351.743	56.20	-22.29	34.34	44.14	74.00	17.80	H
5354.457	55.59	-22.29	34.34	43.54	74.00	18.41	H
10620.100	45.06	-29.20	37.85	36.41	74.00	28.94	V
15929.800	52.72	-23.88	40.62	35.98	74.00	21.28	V
16984.700	57.02	-23.02	42.18	37.86	68.30	11.28	V
17370.250	56.80	-22.97	41.75	38.02	68.30	11.50	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)
5456.155	54.55	-22.70	34.38	42.86	74.00	19.45	V
5458.555	54.83	-22.69	34.38	43.14	74.00	19.17	V
11019.950	46.07	-29.83	38.01	37.90	74.00	27.93	H
16529.850	53.25	-23.21	41.54	34.92	68.30	15.05	H
16675.050	55.69	-23.21	41.75	37.15	68.30	12.61	V
16856.550	55.56	-23.00	42.00	36.56	68.30	12.74	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)
5553.800	53.69	-22.61	34.50	41.80	68.30	14.61	V
5631.800	54.20	-22.84	34.64	42.40	68.30	14.10	H
11180.000	45.52	-30.45	38.07	37.89	74.00	28.48	H
16770.200	53.22	-23.01	41.88	34.35	68.30	15.08	V
17105.150	55.78	-23.04	42.07	36.75	68.30	12.52	V
17410.950	55.68	-23.07	41.71	37.04	68.30	12.62	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)
5727.400	55.19	-22.98	34.82	43.35	68.30	13.11	V
5759.525	54.77	-22.92	34.88	42.82	68.30	13.53	H
11340.050	45.79	-30.03	38.14	37.68	74.00	28.21	V
17010.000	53.79	-23.02	42.19	34.62	68.30	14.51	V
17173.900	55.42	-22.95	41.99	36.37	68.30	12.88	V
17475.300	55.62	-23.07	41.63	37.06	68.30	12.68	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)
5677.000	54.78	-22.85	34.73	42.90	68.30	13.52	H
5745.000	54.68	-22.95	34.85	42.78	68.30	13.62	V
11419.800	46.74	-29.59	38.17	38.17	74.00	27.26	H
17129.000	54.57	-23.02	42.04	35.55	68.30	13.73	H
17294.350	55.82	-22.79	41.84	36.77	68.30	12.48	V
17447.800	56.63	-23.15	41.66	38.13	68.30	11.66	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)
5147.910	57.23	-23.28	34.26	46.25	74.00	16.77	H
5149.467	56.35	-23.27	34.26	45.37	74.00	17.65	H
10360.000	47.54	-29.67	37.63	39.58	68.30	20.76	H
15540.000	53.62	-24.49	40.15	37.96	68.30	14.68	V
17038.500	57.00	-23.03	42.15	37.87	68.30	11.30	V
17720.500	57.35	-22.23	41.56	38.02	68.30	10.95	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)
5169.000	55.63	-23.22	34.27	44.58	68.30	12.67	V
5305.600	54.09	-22.59	34.32	42.36	68.30	14.21	H
10400.000	47.53	-29.32	37.68	39.16	68.30	20.77	H
15600.000	53.38	-24.52	40.22	37.68	68.30	14.92	H
16811.500	56.18	-23.00	41.94	37.24	68.30	12.12	H
17508.500	56.43	-22.85	41.60	37.68	68.30	11.87	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)
5207.000	56.23	-23.27	34.29	45.21	68.30	12.07	V
5272.600	54.18	-22.94	34.31	42.80	68.30	14.12	H
10480.500	46.21	-29.57	37.78	38.00	68.30	22.09	V
15720.600	53.69	-24.36	40.37	37.68	68.30	14.61	V
16800.450	56.77	-23.00	41.92	37.85	68.30	11.53	H
16951.700	56.74	-23.01	42.13	37.62	68.30	11.55	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)
5204.200	52.75	-23.25	34.28	41.72	68.30	15.55	V
5316.400	52.91	-22.50	34.33	41.08	68.30	15.39	V
10520.000	46.66	-29.65	37.81	38.50	68.30	21.64	H
15780.200	51.02	-24.20	40.44	34.78	74.00	22.98	V
16731.700	56.51	-23.09	41.83	37.77	68.30	11.79	V
17061.700	56.72	-23.03	42.13	37.63	68.30	11.58	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)
5225.800	52.92	-23.34	34.29	41.97	68.30	15.38	V
5326.600	53.37	-22.42	34.33	41.46	68.30	14.93	H
10560.150	44.37	-29.45	37.82	35.99	68.30	23.93	H
15840.150	51.76	-24.06	40.51	35.31	74.00	22.24	H
16957.750	56.25	-23.01	42.14	37.12	68.30	12.05	V
17678.800	56.60	-22.13	41.56	37.17	68.30	11.70	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)
5350.380	57.91	-22.29	34.34	45.86	74.00	16.09	H
5350.961	57.45	-22.29	34.34	45.40	74.00	16.55	V
10639.900	45.37	-29.30	37.86	36.81	74.00	28.63	H
15960.050	51.87	-23.82	40.65	35.04	74.00	22.13	H
16882.950	55.98	-23.00	42.04	36.94	68.30	12.32	V
17586.950	57.41	-22.33	41.58	38.16	68.30	10.89	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5440.345	53.44	-22.63	34.38	41.69	74.00	20.56	V
5457.745	53.56	-22.70	34.38	41.88	74.00	20.44	V
11000.150	45.25	-29.87	38.00	37.12	74.00	28.75	V
16500.150	52.86	-23.16	41.50	34.52	68.30	15.44	H
16842.500	54.67	-23.00	41.98	35.69	68.30	13.63	V
17102.950	56.25	-23.04	42.08	37.22	68.30	12.05	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)
5555.600	53.40	-22.61	34.50	41.50	68.30	14.90	H
5656.600	52.61	-22.84	34.69	40.76	68.30	15.69	V
11199.800	45.07	-30.43	38.08	37.42	74.00	28.93	H
16799.900	52.84	-23.00	41.92	33.91	68.30	15.46	V
17088.100	55.75	-23.04	42.09	36.69	68.30	12.55	H
17287.750	56.59	-22.77	41.85	37.51	68.30	11.71	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)
5727.175	55.37	-22.98	34.82	43.54	68.30	12.93	H
5728.038	55.21	-22.98	34.82	43.37	68.30	13.09	H
11400.000	45.44	-29.72	38.16	37.00	74.00	28.56	H
17100.200	53.43	-23.04	42.08	34.39	68.30	14.87	V
17288.850	56.27	-22.78	41.85	37.19	68.30	12.03	H
17456.600	56.50	-23.17	41.65	38.03	68.30	11.80	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)
5693.200	54.81	-22.89	34.76	42.95	68.30	13.49	H
5748.800	54.65	-22.94	34.86	42.74	68.30	13.65	H
11440.150	44.93	-29.46	38.18	36.22	74.00	29.07	H
17160.150	53.04	-22.97	42.01	34.01	68.30	15.26	V
17347.150	55.43	-22.92	41.78	36.56	68.30	12.87	V
17495.650	55.54	-22.93	41.61	36.87	68.30	12.76	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)
5140.700	54.37	-23.30	34.26	43.41	74.00	19.63	V
5149.922	54.85	-23.27	34.26	43.86	74.00	19.15	H
10379.800	46.46	-29.50	37.66	38.30	68.30	21.84	V
15570.100	50.98	-24.50	40.19	35.30	68.30	17.32	H
16747.500	55.65	-23.06	41.85	36.86	68.30	12.65	V
17058.000	57.03	-23.03	42.13	37.93	68.30	11.27	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)
5174.800	52.65	-23.21	34.27	41.59	68.30	15.65	H
5315.200	53.40	-22.51	34.33	41.58	68.30	14.90	H
10460.500	46.83	-29.49	37.75	38.57	68.30	21.47	H
15690.600	53.25	-24.44	40.33	37.36	68.30	15.05	V
17003.950	57.25	-23.02	42.20	38.08	68.30	11.05	H
17515.450	57.86	-22.80	41.60	39.06	68.30	10.44	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)
5216.600	53.04	-23.30	34.29	42.06	74.00	20.96	V
5320.400	53.70	-22.47	34.33	41.84	74.00	20.30	V
10539.080	44.23	-29.55	37.82	35.97	68.30	24.07	V
15809.900	52.30	-24.12	40.47	35.95	68.30	16.00	V
17456.050	56.88	-23.17	41.65	38.41	68.30	11.42	H
17656.250	57.09	-22.08	41.57	37.60	68.30	11.20	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)
5353.836	55.05	-22.29	34.34	43.00	74.00	18.95	V
5365.230	54.75	-22.29	34.35	42.70	74.00	19.25	H
10620.100	44.62	-29.20	37.85	35.96	68.30	23.68	H
15929.800	52.79	-23.88	40.62	36.06	68.30	15.51	V
16946.200	56.44	-23.01	42.13	37.32	68.30	11.86	V
17542.950	57.80	-22.62	41.59	38.83	68.30	10.50	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)
5440.540	55.10	-22.63	34.38	43.35	74.00	18.90	H
5445.025	55.09	-22.67	34.38	43.38	74.00	18.91	V
11019.950	45.10	-29.83	38.01	36.92	74.00	28.90	H
16529.850	52.69	-23.21	41.54	34.36	68.30	15.61	V
16906.600	56.09	-23.01	42.07	37.03	68.30	12.21	V
17251.450	56.95	-22.82	41.90	37.87	68.30	11.35	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)
5549.800	54.55	-22.61	34.49	42.67	68.30	13.74	V
5624.400	57.30	-22.85	34.63	45.52	68.30	11.00	H
11180.000	44.09	-30.45	38.07	36.46	74.00	29.91	H
16770.200	54.03	-23.01	41.88	35.16	68.30	14.27	V
16977.000	55.73	-23.02	42.17	36.58	68.30	12.57	V
17197.000	55.01	-22.91	41.96	35.95	68.30	13.29	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)
5728.962	54.68	-22.98	34.82	42.84	68.30	13.62	V
5753.337	54.53	-22.93	34.87	42.60	68.30	13.77	H
11340.050	47.84	-30.03	38.14	39.73	74.00	26.16	H
17010.000	55.04	-23.02	42.19	35.87	68.30	13.26	V
17155.750	56.72	-22.98	42.01	37.69	68.30	11.58	H
17300.950	56.14	-22.81	41.84	37.11	68.30	12.16	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)
5668.400	54.48	-22.84	34.71	42.61	68.30	13.81	V
5741.800	54.77	-22.96	34.85	42.89	68.30	13.53	H
11419.800	46.76	-29.59	38.17	38.18	74.00	27.24	V
17128.800	54.40	-23.02	42.04	35.37	68.30	13.90	V
17281.700	56.02	-22.77	41.86	36.94	68.30	12.27	V
17368.600	56.23	-22.97	41.76	37.44	68.30	12.07	V

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Channel 42

Frequency (MHz)	Measurement Result (dBμV/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBμV)	Limit (dBμV/m)	Margin (dB)	Antenna Pol. (H/V)
5131.145	56.7	-23.3	34.3	45.72	74.0	17.3	H
5133.228	56.3	-23.3	34.3	45.26	74.0	17.7	H
10419.900	45.7	-29.3	37.5	37.44	68.3	22.6	H
15630.050	52.3	-24.5	40.4	36.43	68.3	16.0	H
17193.150	57.1	-22.9	41.5	38.56	68.3	11.2	H
17572.650	57.7	-22.4	41.2	38.94	68.3	10.6	V

Channel 58

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5353.283	56.9	-22.3	34.5	44.73	74.0	17.1	H
5365.028	58.5	-22.3	34.5	46.31	74.0	15.5	V
10579.950	46.0	-29.3	37.6	37.72	68.3	22.3	V
15869.850	52.3	-24.0	40.6	35.64	74.0	21.7	V
16971.500	57.0	-23.0	41.7	38.28	68.3	11.3	H
17639.200	57.3	-22.0	41.2	38.08	68.3	11.0	V

Channel 106

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5447.410	58.2	-22.7	34.6	46.28	74.0	15.8	V
5450.665	57.9	-22.7	34.6	46.00	74.0	16.1	H
11060.100	46.2	-29.9	38.0	38.13	74.0	27.8	H
16589.800	54.3	-23.3	41.5	36.13	68.3	14.0	V
16851.050	56.2	-23.0	41.6	37.57	68.3	12.1	V
16937.400	57.7	-23.0	41.7	39.08	68.3	10.6	V

Channel 138

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5629.800	55.1	-22.8	34.8	43.19	68.3	13.2	H
5745.400	54.5	-22.9	34.9	42.58	68.3	13.8	H
11380.200	46.6	-29.8	38.4	38.12	74.0	27.4	H
16726.750	56.5	-23.1	41.5	38.03	68.3	11.8	V
17069.950	54.3	-23.0	41.6	35.75	68.3	14.0	V
17486.850	57.0	-23.0	41.2	38.79	68.3	11.3	V

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Channel 50

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5127.943	58.3	-23.3	34.3	47.33	74.0	15.7	H
5129.150	58.2	-23.3	34.3	47.27	74.0	15.8	H
5402.909	62.6	-22.3	34.5	50.41	74.0	11.4	H
5403.530	62.8	-22.3	34.5	50.57	74.0	11.2	H
16907.150	57.1	-23.0	41.6	38.44	68.3	11.2	V
17650.200	57.2	-22.1	41.2	38.04	68.3	11.1	H

Channel 114

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5446.615	59.5	-22.7	34.6	47.67	74.0	14.5	V
5447.920	59.3	-22.7	34.6	47.45	74.0	14.7	H
5728.113	57.9	-23.0	34.9	46.05	68.3	10.4	V
5739.675	57.8	-23.0	34.9	45.84	68.3	10.5	V
16933.000	56.0	-23.0	41.7	37.32	68.3	12.3	V
17135.950	56.5	-23.0	41.6	37.92	68.3	11.8	V

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Channel 42

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5129.798	55.0	-23.3	34.3	44.02	74.0	19.0	V
5132.458	55.1	-23.3	34.3	44.16	74.0	18.9	V
10419.900	45.1	-29.3	37.5	36.91	68.3	23.2	H
15630.050	52.1	-24.5	40.4	36.29	74.0	21.9	V
16953.900	57.5	-23.0	41.7	38.79	68.3	10.8	H
17561.650	56.8	-22.5	41.2	38.03	68.3	11.5	V

Channel 58

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5356.158	56.2	-22.3	34.5	43.98	74.0	17.8	V
5362.800	56.7	-22.3	34.5	44.46	74.0	17.3	V
10579.950	44.6	-29.3	37.6	36.31	68.3	23.7	V
15869.850	53.2	-24.0	40.6	36.52	74.0	20.8	H
16863.700	56.8	-23.0	41.6	38.16	68.3	11.5	H
17608.950	57.3	-22.2	41.2	38.29	68.3	11.0	V

Channel 106

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5447.995	57.9	-22.7	34.6	46.07	74.0	16.1	V
5449.420	58.3	-22.7	34.6	46.46	74.0	15.7	H
11060.100	45.3	-29.9	38.0	37.19	74.0	28.7	V
16589.800	54.0	-23.3	41.5	35.83	68.3	14.3	H
16892.300	57.4	-23.0	41.6	38.79	68.3	10.9	H
17123.300	56.3	-23.0	41.6	37.79	68.3	12.0	V

Channel 138

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5611.400	55.4	-22.8	34.7	43.54	68.3	12.9	H
5759.800	55.1	-22.9	34.9	43.07	68.3	13.2	V
11380.200	46.6	-29.8	38.4	38.12	68.3	21.7	V
17069.950	54.3	-23.0	41.6	35.75	68.3	14.0	H
17191.500	55.4	-22.9	41.5	36.81	68.3	12.9	H
17486.850	57.0	-23.0	41.2	38.79	68.3	11.3	H

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Channel 50

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5127.943	58.3	-23.3	34.3	47.33	74.0	15.7	H
5129.150	58.2	-23.3	34.3	47.27	74.0	15.8	H
5402.909	62.6	-22.3	34.5	50.41	74.0	11.4	H
5403.530	62.8	-22.3	34.5	50.57	74.0	11.2	H
16907.150	57.1	-23.0	41.6	38.44	68.3	11.2	V
17650.200	57.2	-22.1	41.2	38.04	68.3	11.1	H

Channel 114

Frequency (MHz)	Measurement Result (dB μ V/m)	Cable loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dB μ V)	Limit (dB μ V/m)	Margin (dB)	Antenna Pol. (H/V)
5446.615	59.5	-22.7	34.6	47.67	74.0	14.5	V
5447.920	59.3	-22.7	34.6	47.45	74.0	14.7	H
5728.113	57.9	-23.0	34.9	46.05	68.3	10.4	V
5739.675	57.8	-23.0	34.9	45.84	68.3	10.5	V
16933.000	56.0	-23.0	41.7	37.32	68.3	12.3	V
17135.950	56.5	-23.0	41.6	37.92	68.3	11.8	V

AWAN

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)
5143.000	41.31	-28.22	32.59	36.94	54.00	12.69	V
5150.000	41.36	-28.19	32.59	36.96	54.00	12.64	V
10635.500	33.06	-35.73	38.35	30.44	54.00	20.94	V
15540.125	36.29	-33.26	39.01	30.54	54.00	17.71	V
17714.688	40.25	-31.42	42.10	29.57	54.00	13.75	V
1797.869	40.25	0.00	26.54	13.71	54.00	13.75	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)
5113.500	40.75	-28.09	32.57	36.28	54.00	13.25	V
5144.500	40.93	-28.22	32.59	36.55	54.00	13.07	V
10680.875	33.78	-35.69	38.43	31.04	54.00	20.22	H
15695.750	36.38	-33.17	39.04	30.52	54.00	17.62	H
17720.188	40.27	-31.42	42.09	29.60	54.00	13.73	V
17980.750	40.24	-31.12	41.73	29.64	54.00	13.76	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)
5095.500	40.69	-27.95	32.56	36.08	54.00	13.31	V
5145.500	40.60	-28.21	32.59	36.23	54.00	13.40	V
10621.750	33.08	-35.74	38.32	30.49	54.00	20.92	H
15720.250	36.11	-33.14	39.04	30.20	54.00	17.89	V
17709.875	37.54	-31.41	42.10	26.85	54.00	16.46	H
17870.750	39.98	-31.40	41.88	29.50	54.00	14.02	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)
5149.000	40.19	-28.20	32.59	35.79	54.00	13.81	V
5353.500	39.86	-27.85	32.72	34.99	54.00	14.14	V
10937.312	34.97	-35.49	38.89	31.56	54.00	19.03	V
15780.062	36.92	-33.07	39.06	30.93	54.00	17.08	V
17730.500	40.80	-31.44	42.07	30.17	54.00	13.20	V
17844.625	40.72	-31.47	41.92	30.28	54.00	13.28	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)
5148.000	39.99	-28.20	32.59	35.60	54.00	14.01	V
5352.000	39.98	-27.85	32.71	35.12	54.00	14.02	V
10956.562	35.06	-35.40	38.92	31.54	54.00	18.94	H
15839.875	36.87	-32.99	39.07	30.80	54.00	17.13	H
17734.625	40.73	-31.45	42.07	30.11	54.00	13.27	V
17850.812	40.56	-31.45	41.91	30.11	54.00	13.44	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)
5350.000	40.52	-27.86	32.71	35.67	54.00	13.48	V
5360.000	40.67	-27.81	32.72	35.76	54.00	13.33	V
10640.312	34.58	-35.72	38.36	31.95	54.00	19.42	V
15960.188	37.45	-32.84	39.09	31.20	54.00	16.55	V
17740.125	40.80	-31.45	42.06	30.19	54.00	13.20	V
17837.062	40.52	-31.49	41.93	30.08	54.00	13.48	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5459.000	40.58	-27.70	32.78	35.50	54.00	13.42	V
5459.500	40.68	-27.70	32.78	35.61	54.00	13.32	V
10999.875	39.58	-35.21	39.00	35.79	54.00	14.42	V
16163.000	37.94	-32.87	39.56	31.25	54.00	16.06	V
17744.938	40.73	-31.46	42.05	30.14	54.00	13.27	H
17850.812	40.68	-31.45	41.91	30.23	54.00	13.32	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)
5391.500	40.18	-27.64	32.74	35.09	54.00	13.82	V
5457.500	40.14	-27.71	32.78	35.08	54.00	13.86	V
11199.938	37.90	-35.17	39.08	33.99	54.00	16.10	V
16162.312	37.89	-32.88	39.56	31.21	54.00	16.11	H
17730.500	40.74	-31.44	42.07	30.10	54.00	13.26	H
17792.375	40.74	-31.54	41.99	30.28	54.00	13.26	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)
5374.000	39.97	-27.74	32.73	34.98	54.00	14.03	V
5408.000	40.12	-27.65	32.75	35.02	54.00	13.88	V
11400.000	36.00	-35.21	39.16	32.04	54.00	18.00	H
16036.500	37.63	-32.93	39.20	31.36	54.00	16.37	V
17738.750	40.74	-31.45	42.06	30.13	54.00	13.26	H
17850.812	40.52	-31.45	41.91	30.07	54.00	13.48	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)
5401.000	40.13	-27.63	32.74	35.02	54.00	13.87	V
5421.500	40.06	-27.68	32.75	34.99	54.00	13.94	V
11439.875	36.25	-35.16	39.18	32.23	54.00	17.75	H
16071.562	37.85	-32.97	39.30	31.52	54.00	16.15	V
17713.312	40.75	-31.41	42.10	30.06	54.00	13.25	H
17791.688	40.78	-31.53	41.99	30.32	54.00	13.22	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)
5146.500	40.32	-28.21	32.59	35.94	54.00	13.68	V
5150.000	40.18	-28.19	32.59	35.78	54.00	13.82	V
10618.312	33.18	-35.74	38.32	30.61	54.00	20.82	H
15540.125	36.39	-33.26	39.01	30.65	54.00	17.61	V
17711.125	40.19	-31.41	42.10	29.49	54.00	13.81	H
17984.875	40.27	-31.11	41.72	29.66	54.00	13.73	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)
5143.000	41.16	-28.22	32.59	36.79	54.00	12.84	V
5147.500	41.40	-28.20	32.59	37.01	54.00	12.60	V
10803.250	33.78	-35.37	38.65	30.49	54.00	20.22	H
15599.938	36.04	-33.24	39.02	30.27	54.00	17.96	V
17720.875	40.08	-31.42	42.09	29.42	54.00	13.92	V
17874.875	39.93	-31.39	41.87	29.45	54.00	14.07	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)
5114.000	40.74	-28.10	32.57	36.27	54.00	13.26	V
5143.000	40.85	-28.22	32.59	36.48	54.00	13.15	V
10830.750	33.52	-35.28	38.70	30.10	54.00	20.48	V
15720.250	36.14	-33.14	39.04	30.24	54.00	17.86	V
17711.250	39.78	-31.41	42.10	29.09	54.00	14.22	V
17979.688	39.72	-31.13	41.73	29.12	54.00	14.28	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)
5145.500	40.41	-28.21	32.59	36.03	54.00	13.59	V
5357.500	41.01	-27.82	32.72	36.12	54.00	12.99	V
10950.375	34.98	-35.43	38.91	31.50	54.00	19.02	H
15780.062	36.76	-33.07	39.06	30.77	54.00	17.24	V
17744.250	40.74	-31.46	42.06	30.15	54.00	13.26	H
17851.500	40.60	-31.45	41.91	30.15	54.00	13.40	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)
5149.500	40.15	-28.19	32.59	35.75	54.00	13.85	V
5358.500	40.88	-27.82	32.72	35.98	54.00	13.12	V
10932.500	35.04	-35.48	38.88	31.64	54.00	18.96	H
15839.875	36.95	-32.99	39.07	30.88	54.00	17.05	H
17726.375	40.63	-31.43	42.08	29.99	54.00	13.37	H
17850.812	40.62	-31.45	41.91	30.17	54.00	13.38	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)
5350.000	41.47	-27.86	32.71	36.62	54.00	12.53	V
5361.000	41.48	-27.81	32.72	36.57	54.00	12.52	V
10640.312	34.09	-35.72	38.36	31.45	54.00	19.91	H
15960.188	37.41	-32.84	39.09	31.16	54.00	16.59	H
17732.563	40.78	-31.44	42.07	30.16	54.00	13.22	V
17853.562	40.57	-31.45	41.90	30.12	54.00	13.43	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5410.500	40.74	-27.66	32.75	35.65	54.00	13.26	V
5460.000	40.93	-27.70	32.78	35.85	54.00	13.07	V
10999.188	37.50	-35.21	39.00	33.71	54.00	16.50	H
16172.625	37.84	-32.84	39.59	31.08	54.00	16.16	V
17724.312	40.85	-31.43	42.08	30.20	54.00	13.15	H
17850.812	40.78	-31.45	41.91	30.32	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)
5375.500	40.27	-27.73	32.73	35.28	54.00	13.73	V
5440.500	40.33	-27.73	32.77	35.30	54.00	13.67	V
11199.250	36.09	-35.17	39.08	32.19	54.00	17.91	V
16175.375	37.88	-32.82	39.60	31.11	54.00	16.12	V
17716.062	40.83	-31.42	42.10	30.15	54.00	13.17	V
17845.312	40.73	-31.47	41.91	30.28	54.00	13.27	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)
5384.000	40.14	-27.68	32.73	35.09	54.00	13.86	V
5422.500	40.30	-27.69	32.76	35.23	54.00	13.70	V
11400.000	35.53	-35.21	39.16	31.58	54.00	18.47	H
16168.500	37.84	-32.85	39.58	31.11	54.00	16.16	V
17744.938	40.74	-31.46	42.05	30.15	54.00	13.26	V
17843.938	40.75	-31.47	41.92	30.31	54.00	13.25	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)
5390.500	40.24	-27.65	32.74	35.16	54.00	13.76	V
5414.000	40.28	-27.66	32.75	35.20	54.00	13.72	V
11439.875	35.14	-35.16	39.18	31.12	54.00	18.86	H
16155.438	37.63	-32.90	39.54	31.00	54.00	16.37	H
17741.500	40.89	-31.46	42.06	30.29	54.00	13.11	H
17847.375	40.76	-31.46	41.91	30.31	54.00	13.24	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)
5147.000	43.18	-28.21	32.59	38.79	54.00	10.82	V
5150.000	44.02	-28.19	32.59	39.62	54.00	9.98	V
10822.500	34.04	-35.30	38.69	30.65	54.00	19.96	H
15569.688	35.94	-33.26	39.01	30.18	54.00	18.06	H
17720.188	40.22	-31.42	42.09	29.55	54.00	13.78	H
17949.812	40.14	-31.20	41.77	29.58	54.00	13.86	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)
5102.000	40.86	-28.00	32.56	36.29	54.00	13.14	V
5148.500	40.87	-28.20	32.59	36.47	54.00	13.13	V
10993.688	34.44	-35.24	38.99	30.69	54.00	19.56	H
15690.000	36.50	-33.18	39.04	30.64	54.00	17.50	H
17725.688	40.27	-31.43	42.08	29.62	54.00	13.73	V
17880.375	39.84	-31.38	41.87	29.35	54.00	14.16	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)
5143.000	40.45	-28.22	32.59	36.08	54.00	13.55	V
5357.500	41.05	-27.82	32.72	36.15	54.00	12.95	V
10924.938	35.01	-35.47	38.87	31.61	54.00	18.99	V
15810.312	36.74	-33.03	39.06	30.72	54.00	17.26	H
17713.312	40.74	-31.41	42.10	30.06	54.00	13.26	H
17830.188	40.75	-31.51	41.94	30.33	54.00	13.25	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)
5350.000	42.36	-27.86	32.71	37.51	54.00	11.64	V
5359.500	41.90	-27.81	32.72	36.99	54.00	12.10	V
10619.688	33.44	-35.74	38.32	30.86	54.00	20.56	H
15929.938	37.59	-32.88	39.09	31.38	54.00	16.41	H
17736.000	40.72	-31.45	42.07	30.11	54.00	13.28	H
17850.812	40.68	-31.45	41.91	30.22	54.00	13.32	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)
5455.500	40.60	-27.72	32.77	35.55	54.00	13.40	V
5459.500	40.73	-27.70	32.78	35.65	54.00	13.27	V
11019.812	36.66	-35.12	39.01	32.77	54.00	17.34	H
16193.250	37.87	-32.75	39.65	30.98	54.00	16.13	V
17738.062	40.78	-31.45	42.06	30.17	54.00	13.22	V
17844.625	40.76	-31.47	41.92	30.31	54.00	13.24	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5392.500	40.54	-27.64	32.74	35.44	54.00	13.46	V
5439.000	40.56	-27.73	32.76	35.53	54.00	13.44	V
11180.000	35.84	-35.22	39.07	31.98	54.00	18.16	V
16171.938	37.87	-32.84	39.59	31.12	54.00	16.13	H
17727.750	40.82	-31.44	42.08	30.17	54.00	13.18	V
17824.688	40.55	-31.52	41.94	30.12	54.00	13.45	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)
5407.500	40.43	-27.65	32.75	35.33	54.00	13.57	V
5439.000	40.33	-27.73	32.76	35.30	54.00	13.67	V
11340.188	35.03	-35.15	39.14	31.05	54.00	18.97	H
16182.250	37.87	-32.80	39.62	31.05	54.00	16.13	H
17725.000	40.88	-31.43	42.08	30.23	54.00	13.12	V
17844.625	40.75	-31.47	41.92	30.31	54.00	13.25	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)
5437.500	40.22	-27.72	32.76	35.18	54.00	13.78	V
5453.500	40.26	-27.74	32.77	35.22	54.00	13.74	V
11419.938	34.98	-35.18	39.17	31.00	54.00	19.02	V
16181.562	37.75	-32.80	39.61	30.93	54.00	16.25	H
17709.188	40.75	-31.41	42.10	30.05	54.00	13.25	V
17834.312	40.63	-31.50	41.93	30.19	54.00	13.37	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)
5143.500	41.77	-28.22	32.59	37.40	54.00	12.23	V
5150.000	41.64	-28.19	32.59	37.24	54.00	12.36	V
10916.688	34.38	-35.45	38.85	30.98	54.00	19.62	V
15540.125	36.27	-33.26	39.01	30.52	54.00	17.73	V
17710.562	40.07	-31.41	42.10	29.38	54.00	13.93	H
17985.562	40.30	-31.11	41.72	29.69	54.00	13.70	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)
5131.000	41.19	-28.24	32.58	36.85	54.00	12.81	V
5147.500	41.32	-28.20	32.59	36.93	54.00	12.68	V
10938.000	34.53	-35.48	38.89	31.13	54.00	19.47	H
15599.938	36.08	-33.24	39.02	30.31	54.00	17.92	H
17725.688	40.19	-31.43	42.08	29.54	54.00	13.81	V
17985.562	40.24	-31.11	41.72	29.63	54.00	13.76	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)
5144.000	40.88	-28.22	32.59	36.50	54.00	13.12	V
5147.000	40.88	-28.21	32.59	36.50	54.00	13.12	V
10973.750	34.35	-35.33	38.95	30.73	54.00	19.65	V
15720.250	36.15	-33.14	39.04	30.24	54.00	17.85	H
17724.312	40.23	-31.43	42.08	29.57	54.00	13.77	V
17885.875	39.91	-31.37	41.86	29.42	54.00	14.09	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)
5148.000	40.44	-28.20	32.59	36.05	54.00	13.56	V
5356.500	40.94	-27.83	32.72	36.06	54.00	13.06	V
10947.625	34.98	-35.44	38.91	31.51	54.00	19.02	V
15780.062	36.77	-33.07	39.06	30.78	54.00	17.23	H
17714.000	40.70	-31.41	42.10	30.02	54.00	13.30	H
17833.625	40.76	-31.50	41.93	30.33	54.00	13.24	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)
5147.000	40.35	-28.21	32.59	35.97	54.00	13.65	V
5353.500	40.86	-27.85	32.72	35.99	54.00	13.14	V
10934.562	35.00	-35.48	38.88	31.60	54.00	19.00	V
15839.875	36.95	-32.99	39.07	30.87	54.00	17.05	H
17753.188	40.74	-31.47	42.04	30.17	54.00	13.26	H
17844.625	40.77	-31.47	41.92	30.33	54.00	13.23	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)
5350.000	41.65	-27.86	32.71	36.80	54.00	12.35	V
5362.000	41.55	-27.80	32.72	36.63	54.00	12.45	V
10640.312	33.44	-35.72	38.36	30.80	54.00	20.56	H
15960.188	37.49	-32.84	39.09	31.24	54.00	16.51	V
17739.438	40.74	-31.45	42.06	30.13	54.00	13.26	V
17852.875	40.83	-31.45	41.90	30.38	54.00	13.17	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)
5421.500	40.67	-27.68	32.75	35.60	54.00	13.33	V
5455.500	40.85	-27.72	32.77	35.80	54.00	13.15	V
10999.188	37.17	-35.21	39.00	33.38	54.00	16.83	V
16172.625	37.84	-32.84	39.59	31.09	54.00	16.16	V
17749.750	40.73	-31.47	42.05	30.15	54.00	13.27	H
17850.812	40.74	-31.45	41.91	30.29	54.00	13.26	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)
5393.000	40.44	-27.64	32.74	35.33	54.00	13.56	V
5396.500	40.43	-27.62	32.74	35.31	54.00	13.57	V
11199.938	36.24	-35.17	39.08	32.33	54.00	17.76	H
16185.688	37.91	-32.78	39.62	31.07	54.00	16.09	V
17730.500	40.77	-31.44	42.07	30.14	54.00	13.23	V
17839.812	40.73	-31.48	41.92	30.29	54.00	13.27	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)
5390.000	40.22	-27.65	32.74	35.13	54.00	13.78	V
5409.500	40.29	-27.65	32.75	35.19	54.00	13.71	V
11400.000	35.63	-35.21	39.16	31.68	54.00	18.37	H
16182.250	37.86	-32.80	39.62	31.04	54.00	16.14	V
17734.625	40.76	-31.45	42.07	30.13	54.00	13.24	V
17840.500	40.72	-31.48	41.92	30.28	54.00	13.28	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)
5696.500	42.65	-27.51	33.08	37.08	54.00	11.35	V
5746.000	42.56	-27.44	33.15	36.85	54.00	11.44	V
11439.875	35.02	-35.16	39.18	31.00	54.00	18.98	V
16182.250	38.05	-32.80	39.62	31.24	54.00	15.95	H
17719.500	40.75	-31.42	42.09	30.08	54.00	13.25	V
17850.812	40.84	-31.45	41.91	30.39	54.00	13.16	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)
5148.000	43.09	-28.20	32.59	38.70	54.00	10.91	V
5150.000	43.68	-28.19	32.59	39.28	54.00	10.32	V
10770.938	33.73	-35.48	38.59	30.62	54.00	20.27	H
15569.688	35.73	-33.26	39.01	29.97	54.00	18.27	H
17704.375	40.00	-31.40	42.11	29.29	54.00	14.00	V
17954.625	39.96	-31.19	41.76	29.39	54.00	14.04	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)
5110.000	40.64	-28.06	32.57	36.14	54.00	13.36	V
5143.500	40.64	-28.22	32.59	36.27	54.00	13.36	V
10968.250	34.72	-35.35	38.94	31.12	54.00	19.28	H
15690.000	36.49	-33.18	39.04	30.63	54.00	17.51	V
17714.688	40.04	-31.42	42.10	29.36	54.00	13.96	H
17956.000	40.05	-31.19	41.76	29.47	54.00	13.95	V

Channel 54

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5149.000	40.58	-28.20	32.59	36.18	54.00	13.42	V
5357.500	41.05	-27.82	32.72	36.16	54.00	12.95	V
10926.312	34.88	-35.47	38.87	31.47	54.00	19.12	H
15810.312	36.69	-33.03	39.06	30.66	54.00	17.31	H
17730.500	40.77	-31.44	42.07	30.14	54.00	13.23	H
17843.250	40.74	-31.47	41.92	30.29	54.00	13.26	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)
5350.000	42.12	-27.86	32.71	37.27	54.00	11.88	V
5356.000	41.93	-27.83	32.72	37.04	54.00	12.07	V
10619.688	33.47	-35.74	38.32	30.89	54.00	20.53	V
15929.938	37.67	-32.88	39.09	31.46	54.00	16.33	H
17726.375	40.72	-31.43	42.08	30.07	54.00	13.28	H
17850.812	40.67	-31.45	41.91	30.21	54.00	13.33	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)
5455.500	41.23	-27.72	32.77	36.18	54.00	12.77	V
5457.500	41.24	-27.71	32.78	36.18	54.00	12.76	V
11019.125	36.28	-35.13	39.01	32.40	54.00	17.72	H
16172.625	37.91	-32.84	39.59	31.16	54.00	16.09	H
17725.000	40.77	-31.43	42.08	30.12	54.00	13.23	V
17852.188	40.87	-31.45	41.90	30.41	54.00	13.13	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)
5422.500	40.50	-27.69	32.76	35.43	54.00	13.50	V
5459.500	40.54	-27.70	32.78	35.46	54.00	13.46	V
11180.000	35.71	-35.22	39.07	31.85	54.00	18.29	H
16192.562	37.92	-32.76	39.64	31.03	54.00	16.08	H
17743.562	40.73	-31.46	42.06	30.13	54.00	13.27	H
17850.812	40.68	-31.45	41.91	30.22	54.00	13.32	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)
5440.500	40.39	-27.73	32.77	35.36	54.00	13.61	V
5456.500	40.36	-27.72	32.78	35.31	54.00	13.64	V
11340.188	35.12	-35.15	39.14	31.13	54.00	18.88	H
16165.750	37.89	-32.86	39.57	31.18	54.00	16.11	V
17709.188	40.75	-31.41	42.10	30.05	54.00	13.25	V
17841.875	40.63	-31.48	41.92	30.19	54.00	13.37	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)
5449.000	40.13	-27.75	32.77	35.12	54.00	13.87	V
5455.500	40.17	-27.72	32.77	35.12	54.00	13.83	V
11419.938	34.96	-35.18	39.17	30.98	54.00	19.04	H
16198.062	37.81	-32.73	39.66	30.88	54.00	16.19	V
17714.000	40.75	-31.41	42.10	30.06	54.00	13.25	V
17855.625	40.73	-31.44	41.90	30.27	54.00	13.27	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)
5145.500	43.2	-28.2	32.6	38.81	54.0	10.8	V
5150.000	43.3	-28.2	32.6	38.95	54.0	10.7	V
10921.500	35.0	-35.5	38.9	31.56	54.0	19.0	V
15630.188	36.8	-33.2	39.0	30.99	54.0	17.2	V
17689.938	40.6	-31.4	42.1	29.80	54.0	13.4	H
17840.500	40.7	-31.5	41.9	30.29	54.0	13.3	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)
5350.000	42.5	-27.9	32.7	37.66	54.0	11.5	V
5362.500	42.1	-27.8	32.7	37.19	54.0	11.9	V
10932.500	35.1	-35.5	38.9	31.68	54.0	18.9	H
15870.125	37.3	-33.0	39.1	31.21	54.0	16.7	V
17730.500	40.8	-31.4	42.1	30.12	54.0	13.2	H
17825.375	40.5	-31.5	41.9	30.10	54.0	13.5	H

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5454.000	41.3	-27.7	32.8	36.25	54.0	12.7	V
5460.000	41.6	-27.7	32.8	36.53	54.0	12.4	V
11059.688	36.1	-35.0	39.0	32.07	54.0	17.9	H
16178.813	37.9	-32.8	39.6	31.11	54.0	16.1	V
17719.500	40.8	-31.4	42.1	30.12	54.0	13.2	V
17841.875	40.6	-31.5	41.9	30.12	54.0	13.4	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)
5406.500	40.4	-27.6	32.7	35.31	54.0	12.7	V
5456.000	40.3	-27.7	32.8	35.27	54.0	12.4	V
11380.063	35.1	-35.2	39.2	31.17	54.0	18.9	V
16183.625	37.9	-32.8	39.6	31.03	54.0	16.1	V
17709.875	40.8	-31.4	42.1	30.10	54.0	13.2	V
17865.938	40.7	-31.4	41.9	30.27	54.0	13.3	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)
5149.500	47.1	-28.2	32.6	42.73	54.0	6.9	V
5150.000	47.4	-28.2	32.6	42.95	54.0	6.6	V
5358.000	47.0	-27.8	32.7	42.11	54.0	7.0	V
5362.000	47.0	-27.8	32.7	42.07	54.0	7.0	V
17747.688	40.8	-31.5	42.1	30.23	54.0	13.2	H
17860.438	40.8	-31.4	41.9	30.30	54.0	13.2	H

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)
5421.500	43.4	-27.7	32.8	38.28	54.0	10.7	V
5454.500	43.5	-27.7	32.8	38.45	54.0	10.5	V
11140.125	35.1	-35.2	39.1	31.26	54.0	18.9	V
16178.125	37.9	-32.8	39.6	31.09	54.0	16.1	V
17703.000	40.8	-31.4	42.1	30.04	54.0	13.2	V
17850.813	40.7	-31.5	41.9	30.29	54.0	13.3	H

802.11ac-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)
5146.500	43.4	-28.2	32.6	39.06	54.0	10.6	V
5150.000	43.7	-28.2	32.6	39.32	54.0	10.3	V
10916.688	34.8	-35.4	38.9	31.40	54.0	19.2	H
15630.188	36.8	-33.2	39.0	31.04	54.0	17.2	V
17724.313	40.8	-31.4	42.1	30.13	54.0	13.2	V
17850.125	40.8	-31.5	41.9	30.31	54.0	13.2	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)
5350.000	42.9	-27.9	32.7	38.08	54.0	11.1	V
5361.500	42.2	-27.8	32.7	37.32	54.0	11.8	V
10932.500	35.0	-35.5	38.9	31.64	54.0	19.0	H
15870.125	37.4	-33.0	39.1	31.26	54.0	16.6	H
17734.625	40.7	-31.4	42.1	30.11	54.0	13.3	V
17859.750	40.6	-31.4	41.9	30.17	54.0	13.4	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)
5456.000	41.5	-27.7	32.8	36.48	54.0	12.5	V
5460.000	41.7	-27.7	32.8	36.62	54.0	12.3	V
11059.688	36.1	-35.0	39.0	32.07	54.0	17.9	V
16172.625	37.9	-32.8	39.6	31.14	54.0	16.1	H
17751.125	40.8	-31.5	42.0	30.18	54.0	13.2	V
17850.813	40.8	-31.5	41.9	30.39	54.0	13.2	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)
5437.000	40.3	-27.7	32.8	35.26	54.0	12.7	V
5457.500	40.4	-27.7	32.8	35.33	54.0	12.4	V
11380.063	35.0	-35.2	39.2	31.07	54.0	19.0	H
16173.313	37.9	-32.8	39.6	31.10	54.0	16.1	V
17756.625	40.7	-31.5	42.0	30.17	54.0	13.3	V
17850.813	40.8	-31.5	41.9	30.31	54.0	13.2	V

802.11ac-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)
5149.500	47.4	-28.2	32.6	42.99	54.0	6.6	V
5150.000	47.5	-28.2	32.6	43.11	54.0	6.5	V
5362.000	47.7	-27.8	32.7	42.82	54.0	6.3	V
5363.000	47.8	-27.8	32.7	42.89	54.0	6.2	V
17730.500	40.8	-31.4	42.1	30.14	54.0	13.2	H
17850.125	40.8	-31.5	41.9	30.33	54.0	13.2	H

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)
5450.000	44.6	-27.8	32.8	39.54	54.0	9.4	V
5459.000	44.9	-27.7	32.8	39.78	54.0	9.1	V
5450.000	44.6	-27.8	32.8	39.54	54.0	9.4	V
5459.000	44.9	-27.7	32.8	39.78	54.0	9.1	V
17724.313	40.7	-31.4	42.1	30.09	54.0	13.3	H
17857.000	40.8	-31.4	41.9	30.31	54.0	13.2	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)
5144.900	54.44	-28.21	32.59	50.07	74.00	19.56	V
5147.984	54.51	-28.20	32.59	50.11	74.00	19.49	V
10360.156	45.44	-35.49	38.02	42.91	68.30	22.86	H
15340.625	48.07	-33.48	39.06	42.49	68.30	25.93	H
17111.406	53.98	-31.86	41.47	44.37	68.30	14.32	H
17621.188	54.91	-31.31	42.23	43.98	68.30	13.39	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)
5163.000	53.77	-28.13	32.60	49.30	68.30	20.23	V
5251.500	53.82	-28.09	32.65	49.25	68.30	20.18	H
10400.031	46.77	-35.56	38.04	44.30	68.30	21.53	V
15599.938	48.24	-33.24	39.02	42.46	74.00	25.76	H
16545.938	54.27	-31.91	40.57	45.62	68.30	14.03	V
17513.250	54.60	-31.48	42.38	43.70	68.30	13.70	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)
5201.500	53.70	-28.08	32.62	49.15	68.30	20.30	H
5267.500	55.09	-27.98	32.66	50.41	68.30	18.91	H
10480.125	44.96	-35.57	38.09	42.44	68.30	23.34	V
15719.906	48.99	-33.14	39.04	43.09	74.00	25.01	V
17118.281	54.70	-31.86	41.49	45.08	68.30	13.60	V
17609.156	54.94	-31.33	42.25	44.03	68.30	13.36	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)
5239.000	55.44	-28.18	32.65	50.97	68.30	12.86	H
5282.000	60.30	-27.88	32.67	55.51	68.30	8.00	V
10520.000	47.65	-35.59	38.14	45.10	68.30	20.65	H
15780.062	50.31	-33.07	39.06	44.33	74.00	23.69	H
17492.625	55.33	-31.51	42.38	44.46	68.30	12.97	H
17613.281	55.07	-31.32	42.24	44.15	68.30	13.23	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)
5249.500	53.44	-28.11	32.65	48.90	68.30	14.86	H
5307.000	54.12	-27.85	32.69	49.29	68.30	14.17	H
10559.875	46.96	-35.65	38.21	44.40	68.30	21.34	H
15839.875	49.54	-32.99	39.07	43.47	74.00	24.46	H
17398.438	55.38	-31.68	42.16	44.91	68.30	12.92	H
17627.031	55.75	-31.30	42.22	44.82	68.30	12.55	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)
5350.498	53.74	-27.86	32.71	48.89	74.00	20.26	V
5358.126	53.66	-27.82	32.72	48.76	74.00	20.34	V
10639.969	46.19	-35.72	38.36	43.56	74.00	27.81	H
15959.844	49.98	-32.84	39.09	43.73	74.00	24.02	H
17480.250	55.72	-31.53	42.35	44.90	68.30	12.58	H
17603.656	55.05	-31.34	42.25	44.13	68.30	13.25	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)
5396.500	54.46	-27.62	32.74	49.34	74.00	19.54	V
5402.556	54.74	-27.64	32.74	49.63	74.00	19.26	H
10996.781	53.08	-35.22	38.99	49.30	74.00	20.92	V
16499.875	50.87	-32.06	40.50	42.42	68.30	17.43	V
17519.094	55.17	-31.47	42.37	44.26	68.30	13.13	H
17595.750	55.55	-31.35	42.26	44.64	68.30	12.75	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)
5572.000	55.47	-27.26	32.90	49.82	68.30	12.83	H
5628.000	55.66	-27.57	32.99	50.24	68.30	12.64	V
11198.906	50.17	-35.17	39.08	46.27	74.00	23.83	H
16799.969	50.76	-32.30	40.92	42.14	68.30	17.54	H
17500.875	55.56	-31.50	42.40	44.66	68.30	12.74	H
17652.812	55.01	-31.32	42.18	44.15	68.30	13.29	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)
5725.703	55.66	-27.44	33.12	49.98	68.30	12.63	H
5750.656	55.33	-27.44	33.16	49.61	68.30	12.97	V
11400.000	47.79	-35.21	39.16	43.83	74.00	26.21	V
17100.062	52.13	-31.89	41.44	42.57	68.30	16.17	V
17565.156	55.26	-31.40	42.31	44.35	68.30	13.04	V
17610.188	55.87	-31.32	42.24	44.95	68.30	12.43	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)
5699.500	54.62	-27.50	33.09	49.03	68.30	13.68	V
5741.000	55.20	-27.43	33.15	49.49	68.30	13.10	H
11439.875	48.96	-35.16	39.18	44.93	74.00	25.04	H
17159.875	51.73	-31.87	41.59	42.01	68.30	16.57	H
17507.062	54.83	-31.49	42.39	43.93	68.30	13.47	V
17619.469	55.49	-31.31	42.23	44.57	68.30	12.81	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)
5145.797	55.55	-28.21	32.59	51.17	74.00	18.45	V
5147.109	55.55	-28.20	32.59	51.16	74.00	18.45	V
10360.156	45.59	-35.49	38.02	43.06	68.30	22.71	V
15540.125	49.58	-33.26	39.01	43.83	74.00	24.42	H
16399.500	54.28	-32.27	40.22	46.33	68.30	14.02	V
17610.188	55.20	-31.32	42.24	44.28	68.30	13.10	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)
5170.000	55.40	-28.10	32.61	50.90	68.30	18.60	H
5229.500	54.82	-28.16	32.64	50.34	68.30	19.18	H
10400.031	44.73	-35.56	38.04	42.25	68.30	23.57	V
15599.938	47.84	-33.24	39.02	42.06	74.00	26.16	V
17276.750	53.35	-31.90	41.87	43.38	68.30	14.95	H
17448.625	54.40	-31.59	42.28	43.71	68.30	13.90	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)
5200.500	54.28	-28.08	32.62	49.74	68.30	19.72	V
5280.000	54.94	-27.90	32.67	50.17	68.30	19.06	H
10480.125	46.30	-35.57	38.09	43.79	68.30	22.00	H
15719.906	48.01	-33.14	39.04	42.11	74.00	25.99	H
17334.844	54.74	-31.80	42.01	44.54	68.30	13.56	V
17473.031	55.18	-31.54	42.34	44.39	68.30	13.12	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)
5237.500	54.76	-28.19	32.65	50.31	68.30	13.54	V
5283.000	56.28	-27.88	32.67	51.48	68.30	12.02	H
10520.000	46.32	-35.59	38.14	43.77	68.30	21.98	H
15780.062	49.96	-33.07	39.06	43.97	74.00	24.04	H
17474.062	55.18	-31.54	42.34	44.38	68.30	13.12	V
17607.781	55.25	-31.33	42.25	44.33	68.30	13.05	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)
5259.500	56.26	-28.04	32.66	51.64	68.30	12.04	H
5303.500	55.16	-27.85	32.69	50.32	68.30	13.14	V
10559.875	47.48	-35.65	38.21	44.93	68.30	20.82	V
15839.875	49.30	-32.99	39.07	43.23	74.00	24.70	H
17166.750	54.78	-31.87	41.60	45.05	68.30	13.52	H
17501.906	54.80	-31.50	42.40	43.90	68.30	13.50	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)
5350.886	56.22	-27.86	32.71	51.36	74.00	17.78	H
5351.679	56.15	-27.86	32.71	51.29	74.00	17.85	H
10639.969	46.24	-35.72	38.36	43.61	74.00	27.76	V
15959.844	49.55	-32.84	39.09	43.29	74.00	24.45	H
17150.250	54.60	-31.87	41.56	44.90	68.30	13.70	V
17592.656	55.11	-31.35	42.27	44.20	68.30	13.19	H

Channel 100

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5423.762	54.71	-27.69	32.76	49.64	74.00	19.29	V
5429.538	55.03	-27.70	32.76	49.97	74.00	18.97	H
11002.969	51.43	-35.20	39.00	47.62	74.00	22.57	H
16499.875	51.16	-32.06	40.50	42.71	68.30	17.14	V
17473.719	55.03	-31.54	42.34	44.24	68.30	13.27	H
17630.469	56.09	-31.29	42.22	45.17	68.30	12.21	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)
5580.000	59.38	-27.32	32.92	53.78	68.30	8.92	H
5620.500	58.89	-27.57	32.97	53.48	68.30	9.41	H
11199.938	48.01	-35.17	39.08	44.10	74.00	25.99	H
16799.969	51.31	-32.30	40.92	42.69	68.30	16.99	V
17531.469	55.31	-31.45	42.36	44.41	68.30	12.99	H
17612.938	55.09	-31.32	42.24	44.17	68.30	13.21	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)
5727.234	56.34	-27.43	33.13	50.65	68.30	11.96	V
5729.781	55.87	-27.43	33.13	50.17	68.30	12.43	H
11400.000	46.94	-35.21	39.16	42.99	74.00	27.06	H
17100.062	51.83	-31.89	41.44	42.27	68.30	16.47	V
17478.875	55.63	-31.54	42.35	44.82	68.30	12.67	V
17626.688	56.09	-31.30	42.22	45.16	68.30	12.21	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)
5695.000	54.76	-27.51	33.08	49.19	68.30	13.54	V
5738.000	59.81	-27.43	33.14	54.11	68.30	8.49	H
11439.875	46.03	-35.16	39.18	42.01	74.00	27.97	V
17159.875	52.13	-31.87	41.59	42.42	68.30	16.16	V
17135.469	55.24	-31.86	41.53	45.58	68.30	13.06	H
17603.656	55.18	-31.34	42.25	44.27	68.30	13.12	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)
5149.034	58.36	-28.20	32.59	53.96	74.00	15.64	V
5149.931	58.47	-28.19	32.59	54.06	74.00	15.53	V
10380.094	45.62	-35.53	38.03	43.12	68.30	22.68	H
15570.031	48.69	-33.25	39.01	42.93	74.00	25.31	V
17587.156	55.30	-31.36	42.28	44.39	68.30	13.00	V
17663.812	54.90	-31.34	42.17	44.06	68.30	13.40	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)
5194.000	56.97	-28.06	32.62	52.41	68.30	17.03	H
5266.000	57.15	-27.99	32.66	52.48	68.30	16.85	H
10459.843	45.65	-35.57	38.08	43.15	68.30	22.65	V
15690.000	48.40	-33.18	39.04	42.54	74.00	25.60	V
16645.281	53.62	-31.84	40.71	44.76	68.30	14.68	H
17607.781	55.95	-31.33	42.25	45.03	68.30	12.35	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)
5231.500	56.62	-28.17	32.64	52.15	68.30	11.68	V
5305.000	57.84	-27.85	32.69	53.01	68.30	10.46	V
10539.938	45.56	-35.62	38.17	43.00	68.30	22.74	V
15809.969	48.79	-33.03	39.06	42.76	74.00	25.21	H
17459.281	55.01	-31.57	42.30	44.28	68.30	13.29	V
17615.344	56.03	-31.32	42.24	45.11	68.30	12.27	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)
5350.177	55.38	-27.86	32.71	50.53	74.00	18.62	V
5350.954	55.18	-27.86	32.71	50.33	74.00	18.82	H
10620.031	45.59	-35.74	38.32	43.01	74.00	28.41	V
15929.938	49.18	-32.88	39.09	42.97	74.00	24.82	V
17495.375	54.65	-31.51	42.39	43.77	68.30	13.65	H
17608.469	55.73	-31.33	42.25	44.81	68.30	12.57	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)
5459.369	54.74	-27.70	32.78	49.67	74.00	19.26	V
5459.688	56.33	-27.70	32.78	51.25	74.00	17.67	H
11016.031	50.40	-35.14	39.01	46.53	74.00	23.60	H
16530.125	51.20	-31.96	40.54	42.62	68.30	17.10	H
17529.406	55.27	-31.45	42.36	44.37	68.30	13.03	H
17583.375	55.64	-31.37	42.28	44.73	68.30	12.66	H

Channel 118

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5560.000	58.68	-27.17	32.89	52.96	68.30	9.62	V
5618.500	61.50	-27.57	32.97	56.10	68.30	6.80	H
11180.000	47.25	-35.22	39.07	43.40	74.00	26.75	V
16770.062	51.65	-32.28	40.88	43.05	68.30	16.65	H
17455.844	55.40	-31.57	42.30	44.67	68.30	12.90	H
17493.656	55.09	-31.51	42.38	44.22	68.30	13.21	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)
5777.756	55.78	-27.44	33.20	50.03	68.30	12.52	H
5817.734	56.20	-27.52	33.25	50.47	68.30	12.10	V
11339.844	46.82	-35.15	39.14	42.84	74.00	27.18	V
17010.000	51.10	-32.10	41.22	41.98	68.30	17.20	H
17459.969	55.31	-31.57	42.31	44.58	68.30	12.98	H
17602.969	55.26	-31.34	42.25	44.35	68.30	13.04	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)
5678.000	56.91	-27.55	33.06	51.41	68.30	11.39	V
5743.000	60.22	-27.44	33.15	54.51	68.30	8.08	V
11419.938	46.34	-35.18	39.17	42.35	74.00	27.66	V
17129.969	51.90	-31.86	41.52	42.25	68.30	16.40	V
17506.719	54.96	-31.49	42.39	44.06	68.30	13.34	V
17657.281	55.24	-31.33	42.18	44.39	68.30	13.06	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)
5128.559	56.14	-28.22	32.58	51.78	74.00	17.86	H
5144.594	54.88	-28.22	32.59	50.51	74.00	19.12	H
10360.156	45.49	-35.49	38.02	42.96	68.30	22.81	V
15540.125	48.65	-33.26	39.01	42.91	74.00	25.35	H
17080.469	54.03	-31.94	41.40	44.57	68.30	14.27	V
17547.625	55.42	-31.43	42.33	44.52	68.30	12.88	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)
5175.500	55.50	-28.08	32.61	50.97	68.30	18.50	H
5224.500	55.28	-28.15	32.64	50.79	68.30	18.72	V
10400.031	46.37	-35.56	38.04	43.89	68.30	21.93	V
15599.938	47.33	-33.24	39.02	41.55	74.00	26.67	H
17195.625	54.76	-31.88	41.67	44.96	68.30	13.54	H
17544.875	54.92	-31.43	42.34	44.01	68.30	13.38	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)
5209.000	55.44	-28.10	32.63	50.91	68.30	18.56	H
5268.500	54.76	-27.98	32.66	50.07	68.30	19.24	H
10480.125	45.50	-35.57	38.09	42.99	68.30	22.80	H
15759.906	48.39	-33.09	39.05	42.43	74.00	25.61	H
17090.438	54.23	-31.91	41.42	44.73	68.30	14.07	H
17517.375	54.80	-31.47	42.38	43.90	68.30	13.49	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)
5237.000	55.66	-28.19	32.65	51.21	68.30	12.63	V
5282.500	57.15	-27.88	32.67	52.35	68.30	11.15	H
10520.000	46.13	-35.59	38.14	43.58	68.30	22.17	H
15780.062	49.09	-33.07	39.06	43.10	74.00	24.91	H
17509.125	55.08	-31.49	42.39	44.18	68.30	13.22	H
17605.719	55.11	-31.33	42.25	44.19	68.30	13.19	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)
5256.000	54.93	-28.06	32.66	50.33	68.30	13.37	V
5304.500	55.07	-27.85	32.69	50.24	68.30	13.23	V
10559.875	45.99	-35.65	38.21	43.43	68.30	22.31	V
15839.875	49.88	-32.99	39.07	43.80	74.00	24.12	H
17113.812	54.57	-31.86	41.48	44.96	68.30	13.73	H
17512.219	55.06	-31.48	42.38	44.16	68.30	13.24	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)
5350.194	57.51	-27.86	32.71	52.66	74.00	16.49	V
5350.481	57.69	-27.86	32.71	52.84	74.00	16.31	H
10639.969	45.32	-35.72	38.36	42.69	74.00	28.68	V
15959.844	49.55	-32.84	39.09	43.30	74.00	24.45	V
17399.812	55.03	-31.68	42.16	44.55	68.30	13.27	H
17536.969	55.02	-31.44	42.35	44.11	68.30	13.28	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)
5411.069	54.60	-27.66	32.75	49.51	74.00	19.40	H
5457.269	54.74	-27.71	32.78	49.68	74.00	19.26	H
11002.625	49.66	-35.20	39.00	45.86	74.00	24.34	V
16499.875	52.82	-32.06	40.50	44.37	68.30	15.48	V
17488.156	54.79	-31.52	42.37	43.93	68.30	13.51	V
17596.094	55.35	-31.35	42.26	44.44	68.30	12.95	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)
5581.000	60.62	-27.32	32.92	55.02	68.30	7.68	V
5619.500	60.71	-27.57	32.97	55.31	68.30	7.59	V
11199.938	48.06	-35.17	39.08	44.15	74.00	25.94	V
16799.969	51.49	-32.30	40.92	42.87	68.30	16.80	V
17503.969	55.22	-31.50	42.39	44.32	68.30	13.08	V
17605.031	55.54	-31.33	42.25	44.62	68.30	12.76	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)
5734.141	56.40	-27.43	33.14	50.69	68.30	11.90	H
5764.062	56.28	-27.44	33.18	50.54	68.30	12.02	V
11400.000	46.83	-35.21	39.16	42.87	74.00	27.17	V
17100.062	51.57	-31.89	41.44	42.02	68.30	16.73	H
17274.000	54.79	-31.90	41.86	44.82	68.30	13.51	V
17422.500	55.29	-31.64	42.22	44.71	68.30	13.01	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)
5703.000	60.13	-27.49	33.09	54.53	68.30	8.17	V
5739.500	58.18	-27.43	33.14	52.47	68.30	10.12	H
11439.875	48.10	-35.16	39.18	44.08	74.00	25.90	V
17083.906	55.38	-31.93	41.40	45.90	68.30	12.92	H
17159.875	51.87	-31.87	41.59	42.15	68.30	16.43	H
17611.219	55.53	-31.32	42.24	44.61	68.30	12.77	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)
5142.231	56.64	-28.23	32.59	52.27	74.00	17.36	V
5147.809	56.87	-28.20	32.59	52.48	74.00	17.13	H
10380.094	45.87	-35.53	38.03	43.36	68.30	22.43	H
15570.031	47.95	-33.25	39.01	42.19	74.00	26.05	H
17407.375	54.50	-31.67	42.18	43.98	68.30	13.80	H
17607.781	54.89	-31.33	42.25	43.98	68.30	13.41	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)
5187.500	56.59	-28.04	32.62	52.01	68.30	17.41	V
5263.500	56.02	-28.01	32.66	51.36	68.30	17.98	V
10459.844	45.84	-35.57	38.08	43.34	68.30	22.46	V
15690.000	48.23	-33.18	39.04	42.37	74.00	25.77	H
17192.875	54.04	-31.88	41.67	44.25	68.30	14.26	H
17632.531	55.23	-31.29	42.21	44.31	68.30	13.07	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)
5232.000	56.64	-28.17	32.64	52.17	68.30	11.66	H
5303.000	56.90	-27.85	32.69	52.07	68.30	11.40	H
10539.938	46.15	-35.62	38.17	43.59	68.30	22.15	V
15809.969	48.88	-33.03	39.06	42.85	74.00	25.12	H
16429.750	54.61	-32.24	40.31	46.54	68.30	13.69	V
17611.906	55.25	-31.32	42.24	44.33	68.30	13.05	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)
5350.515	55.23	-27.86	32.71	50.38	74.00	18.77	H
5360.708	55.66	-27.81	32.72	50.75	74.00	18.34	H
10620.031	46.02	-35.74	38.32	43.44	74.00	27.98	V
15929.938	50.47	-32.88	39.09	44.27	74.00	23.53	H
16753.219	54.41	-32.22	40.86	45.78	68.30	13.89	H
17544.531	55.56	-31.43	42.34	44.66	68.30	12.74	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)
5410.938	55.68	-27.66	32.75	50.59	74.00	18.32	V
5459.669	55.68	-27.70	32.78	50.60	74.00	18.32	H
11020.156	48.81	-35.12	39.01	44.92	74.00	25.19	H
16441.438	55.02	-32.23	40.34	46.90	68.30	13.28	V
16530.125	51.99	-31.96	40.54	43.41	68.30	16.30	H
17589.906	54.91	-31.36	42.27	44.00	68.30	13.39	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)
5558.000	60.05	-27.18	32.88	54.35	68.30	8.25	V
5621.000	60.03	-27.57	32.98	54.62	68.30	8.27	H
11180.000	47.05	-35.22	39.07	43.19	74.00	26.95	V
16770.062	50.49	-32.28	40.88	41.90	68.30	17.80	H
17377.125	54.61	-31.72	42.11	44.22	68.30	13.69	H
17609.500	55.29	-31.33	42.25	44.37	68.30	13.01	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)
5764.125	55.53	-27.44	33.18	49.79	68.30	12.77	V
5787.312	55.49	-27.45	33.21	49.73	68.30	12.81	V
11339.844	47.32	-35.15	39.14	43.34	74.00	26.68	V
17010.000	51.56	-32.10	41.22	42.44	68.30	16.74	H
17466.156	55.35	-31.56	42.32	44.58	68.30	12.95	H
17577.875	55.02	-31.38	42.29	44.11	68.30	13.28	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)
5679.000	56.72	-27.55	33.06	51.22	68.30	11.58	H
5742.000	60.91	-27.44	33.15	55.20	68.30	7.39	V
11419.938	46.59	-35.18	39.17	42.60	74.00	27.41	H
17129.969	52.35	-31.86	41.52	42.69	68.30	15.95	V
17575.469	55.67	-31.38	42.29	44.75	68.30	12.63	H
17633.562	55.54	-31.29	42.21	44.62	68.30	12.76	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)
5132.891	60.0	-28.3	32.6	55.70	74.0	14.0	V
5140.131	60.2	-28.2	32.6	55.84	74.0	13.8	H
10419.969	45.6	-35.6	38.1	43.13	68.3	22.7	H
15629.844	48.8	-33.2	39.0	43.01	74.0	25.2	H
17512.906	54.7	-31.5	42.4	43.79	68.3	13.6	H
17625.313	55.2	-31.3	42.2	44.32	68.3	13.1	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)
5350.498	58.5	-27.9	32.7	53.69	74.0	15.5	H
5351.106	58.3	-27.9	32.7	53.40	74.0	15.7	H
10580.156	45.8	-35.7	38.2	43.27	68.3	22.5	H
15870.125	49.4	-33.0	39.1	43.28	74.0	24.6	V
17474.750	55.2	-31.5	42.3	44.40	68.3	13.1	V
17604.688	55.2	-31.3	42.3	44.24	68.3	13.1	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)
5453.294	59.1	-27.7	32.8	54.10	74.0	14.9	H
5454.588	59.3	-27.7	32.8	54.30	74.0	14.7	H
11060.031	48.1	-35.0	39.0	44.11	74.0	25.9	H
16589.938	51.7	-31.8	40.6	42.87	68.3	16.6	V
17511.188	55.3	-31.5	42.4	44.36	68.3	13.0	V
17608.469	55.0	-31.3	42.2	44.10	68.3	13.3	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)
5633.500	58.8	-27.6	33.0	53.42	68.3	14.9	V
5747.000	59.9	-27.4	33.2	54.14	68.3	14.7	V
11380.063	48.8	-35.2	39.2	44.92	74.0	68.3	H
17070.156	51.3	-32.0	41.4	41.94	68.3	68.3	H
17270.906	54.8	-31.9	41.9	44.81	68.3	68.3	H
17588.188	55.2	-31.4	42.3	44.27	68.3	68.3	H

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)
5923.232	55.1	-27.2	33.4	48.90	69.5	14.4	H
5924.353	54.9	-27.2	33.4	48.73	68.7	13.8	V
11549.875	46.5	-35.0	39.2	42.31	74.0	27.5	V
17324.875	50.8	-31.8	42.0	40.66	68.3	17.5	H
17453.781	54.3	-31.6	42.3	43.63	68.3	14.0	V
17654.188	54.5	-31.3	42.2	43.68	68.3	13.8	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)
5727.125	62.2	-27.4	33.1	56.54	68.3	6.1	H
5730.578	62.2	-27.4	33.1	56.50	68.3	6.1	V
5423.181	57.4	-27.7	32.8	52.36	74.0	16.6	H
5451.888	57.7	-27.7	32.8	52.71	74.0	16.3	V
17216.250	54.6	-31.9	41.7	44.73	68.3	13.7	H
17617.063	55.2	-31.3	42.2	44.29	68.3	13.1	H

802.11ac-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)
5131.775	60.9	-28.2	32.6	56.58	74.0	13.1	H
5139.322	61.8	-28.2	32.6	57.46	74.0	12.2	H
10419.969	46.3	-35.6	38.1	43.82	68.3	22.0	H
15629.844	49.6	-33.2	39.0	43.82	74.0	24.4	V
17309.750	54.8	-31.9	41.9	44.71	68.3	13.5	V
17620.500	55.2	-31.3	42.2	44.25	68.3	13.1	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)
5353.620	58.0	-27.8	32.7	53.13	74.0	16.0	H
5376.638	57.3	-27.7	32.7	52.34	74.0	16.7	H
10580.156	46.8	-35.7	38.2	44.26	68.3	21.5	V
15870.125	49.3	-33.0	39.1	43.13	74.0	24.7	H
17364.063	55.0	-31.7	42.1	44.69	68.3	13.3	H
17630.469	55.1	-31.3	42.2	44.13	68.3	13.2	H

Channel 106

Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5452.375	59.6	-27.7	32.8	54.54	74.0	14.4	V
5453.556	59.2	-27.7	32.8	54.18	74.0	14.8	V
11060.031	48.1	-35.0	39.0	44.07	74.0	25.9	H
16589.938	52.0	-31.8	40.6	43.11	68.3	16.3	H
17473.719	55.0	-31.5	42.3	44.22	68.3	13.3	V
17623.938	55.2	-31.3	42.2	44.28	68.3	13.1	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)
5634.500	59.7	-27.6	33.0	54.24	68.3	14.9	H
5747.000	61.2	-27.4	33.2	55.44	68.3	14.7	V
11380.063	47.1	-35.2	39.2	43.18	74.0	68.3	V
17070.156	52.8	-32.0	41.4	43.40	68.3	68.3	H
17602.969	55.5	-31.3	42.3	44.61	68.3	68.3	V
17627.375	55.8	-31.3	42.2	44.84	68.3	68.3	V

802.11ac-HT160

Channel 50

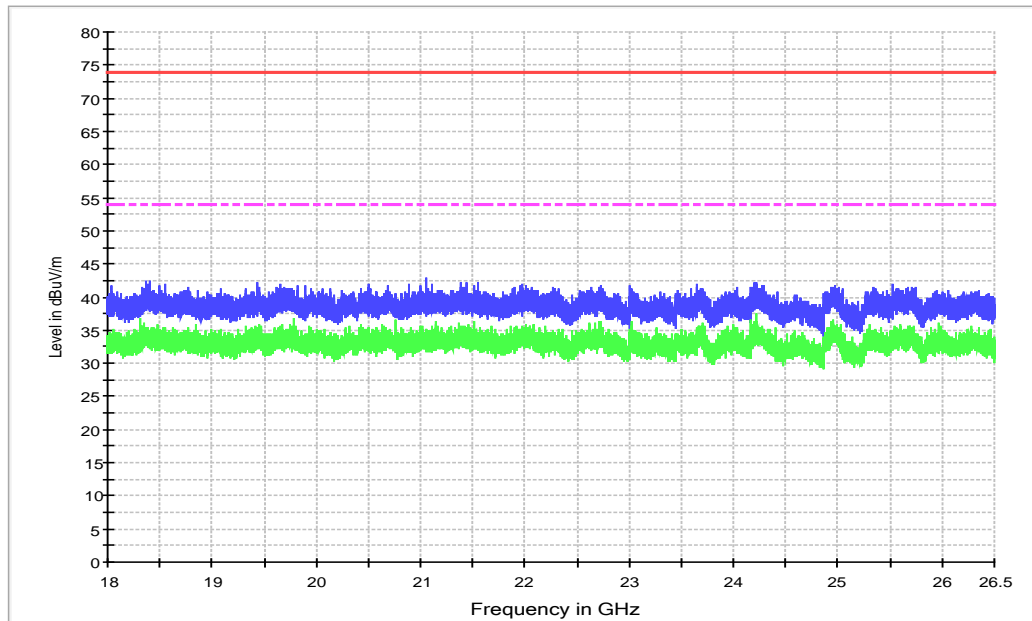
Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5651.351	55.6	-27.6	33.0	50.13	69.2	13.6	H
5653.910	56.3	-27.6	33.0	50.89	71.1	14.8	V
11549.875	46.0	-35.0	39.2	41.82	68.3	22.3	V
17324.875	52.4	-31.8	42.0	42.24	68.3	15.9	H
17457.906	52.3	-31.6	42.3	41.60	68.3	16.0	H
17614.656	52.9	-31.3	42.2	41.96	68.3	15.4	V

Channel 114

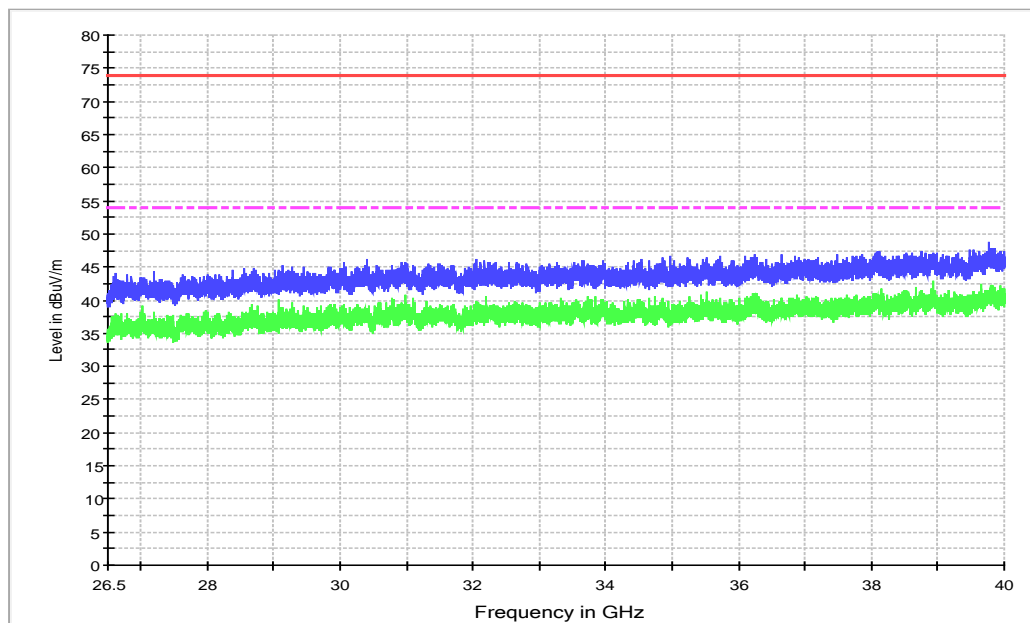
Frequency (MHz)	Measurement Result (dBuV/m)	Cable Loss (dB)	Antenna Factor (dB/m)	Receiver Reading (dBuV)	Limit (dBuV/m)	Margin (dB)	Antenna Pol. (H/V)
5731.203	63.0	-27.4	33.1	57.31	68.3	5.3	H
5739.438	62.1	-27.4	33.1	56.43	68.3	6.2	V
5450.463	58.8	-27.8	32.8	53.81	74.0	15.2	H
5457.925	60.0	-27.7	32.8	54.92	74.0	14.0	V
17485.406	55.0	-31.5	42.4	44.16	68.3	13.3	H
17612.938	55.3	-31.3	42.2	44.39	68.3	13.0	V

Conclusion: PASS

WOSRT CASE 18GHz-26.5 GHz



WOSRT CASE 26.5GHz-40GHz

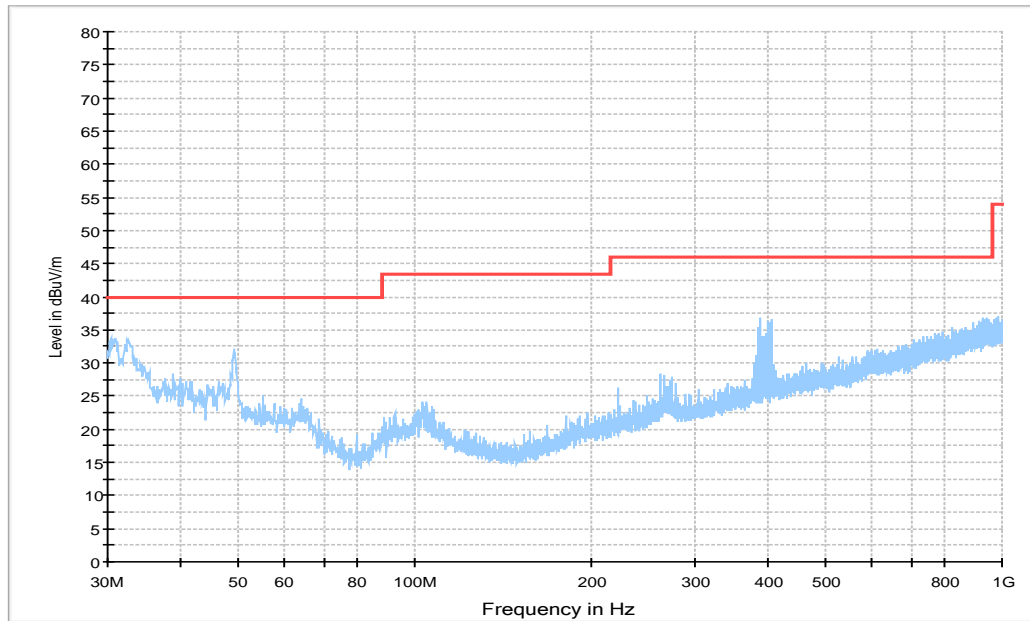


Note: the spurious emission above 18G is noise only

C.1.2 Radiated Spurious Emission- Below 1GHz

WOSRT CASE BELOW 1GHz

- FCC Part 15C 30-1G Limit
- Peak Preview Result
- ◆ Final Result QPK



BELOW 30MHz

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

C.1.3 Band Edges Compliance– Radiated

SPEED:

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
802.11ac HT20	5180 MHz	Fig.9	P
	5320 MHz	Fig.10	P
	5500 MHz	Fig.11	P
	5700 MHz	Fig.12	P
802.11n HT40	5190 MHz	Fig.13	P
	5310 MHz	Fig.14	P
	5510 MHz	Fig.15	P
	5670 MHz	Fig.16	P
802.11ac HT40	5190 MHz	Fig.17	P
	5310 MHz	Fig.18	P
	5510 MHz	Fig.19	P
	5670 MHz	Fig.20	P
802.11ac HT80	5210MHz	Fig.21	P
	5290MHz	Fig.22	P
	5530MHz	Fig.23	P
802.11ax HT80	5210MHz	Fig.24	P
	5290MHz	Fig.25	P
	5530MHz	Fig.26	P
802.11ac HT160	5250MHz	Fig.27	P
	5250MHz	Fig.28	P
	5570MHz	Fig.29	P
802.11ax HT160	5250MHz	Fig.30	P
	5250MHz	Fig.31	P
	5570MHz	Fig.32	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

AWAN:

Mode	Channel	Test Results	Conclusion
802.11a	5180 MHz	Fig.33	P
	5320 MHz	Fig.34	P
	5500 MHz	Fig.35	P
	5700 MHz	Fig.36	P
802.11n HT20	5180 MHz	Fig.37	P
	5320 MHz	Fig.38	P
	5500 MHz	Fig.39	P
	5700 MHz	Fig.40	P
802.11ac HT20	5180 MHz	Fig.41	P
	5320 MHz	Fig.42	P
	5500 MHz	Fig.43	P
	5700 MHz	Fig.44	P
802.11n HT40	5190 MHz	Fig.45	P
	5310 MHz	Fig.46	P
	5510 MHz	Fig.47	P
	5670 MHz	Fig.48	P
802.11ac HT40	5190 MHz	Fig.49	P
	5310 MHz	Fig.50	P
	5510 MHz	Fig.51	P
	5670 MHz	Fig.52	P
802.11ac HT80	5210MHz	Fig.53	P
	5290MHz	Fig.54	P
	5530MHz	Fig.55	P
802.11ax HT80	5210MHz	Fig.56	P
	5290MHz	Fig.57	P
	5530MHz	Fig.58	P
802.11ac HT160	5250MHz	Fig.59	P
	5250MHz	Fig.60	P
	5570MHz	Fig.61	P
802.11ax HT160	5250MHz	Fig.62	P
	5250MHz	Fig.63	P
	5570MHz	Fig.64	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:

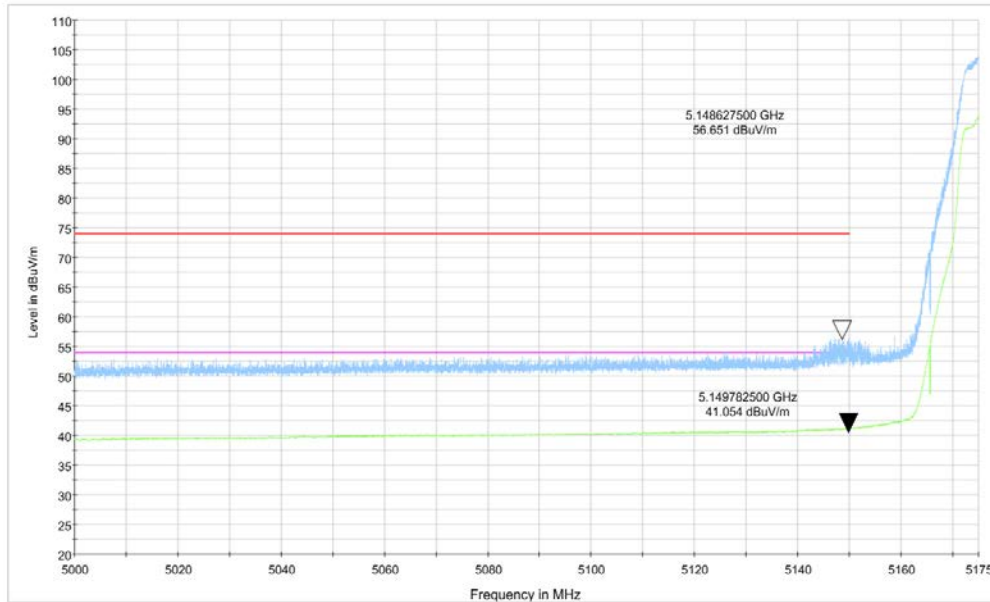


Fig.1 Band Edges (802.11a, 5180MHz)

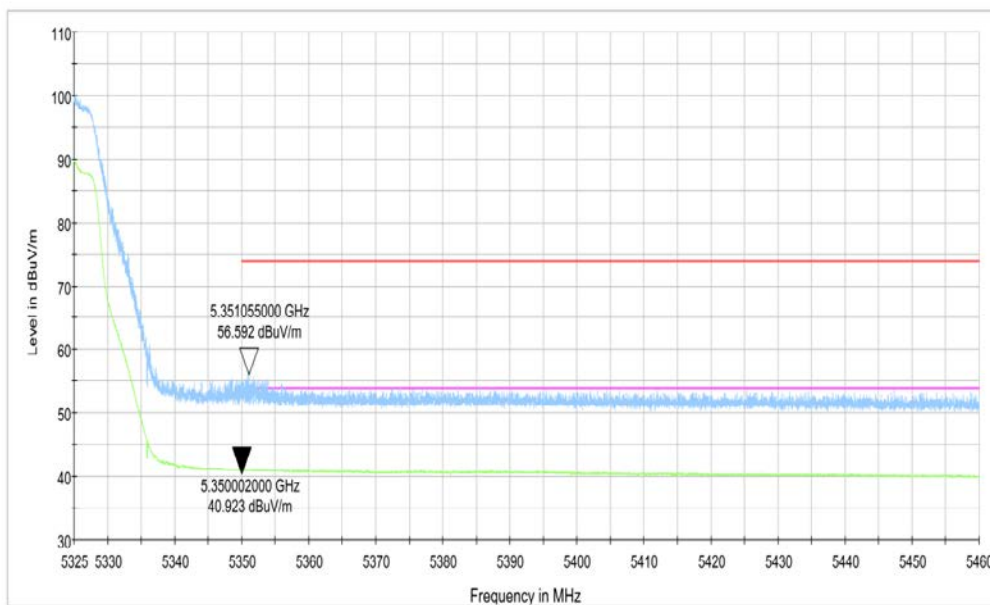


Fig.2 Band Edges (802.11a, 5320MHz)

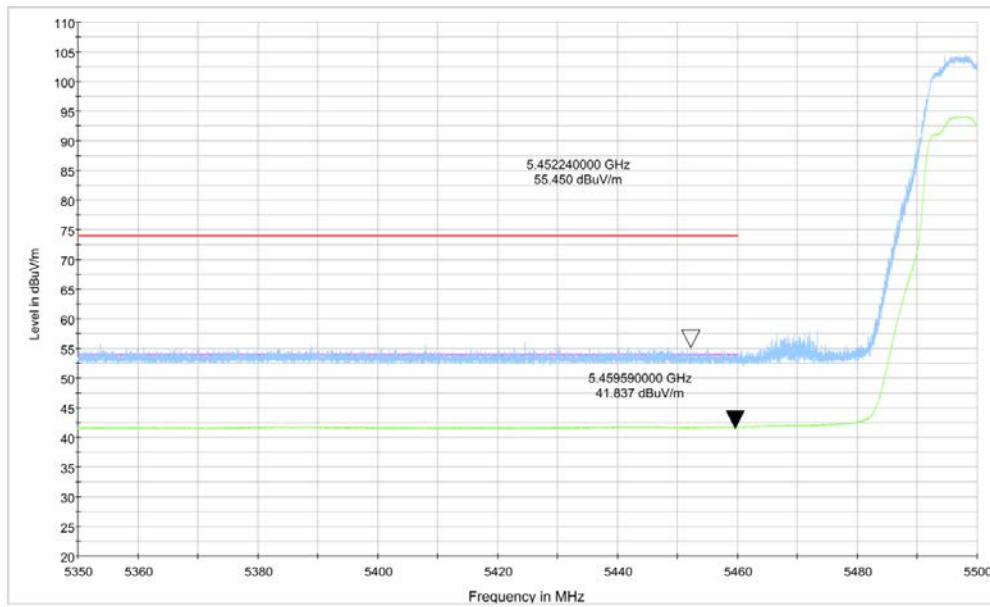


Fig.3 Band Edges (802.11a, 5500MHz)

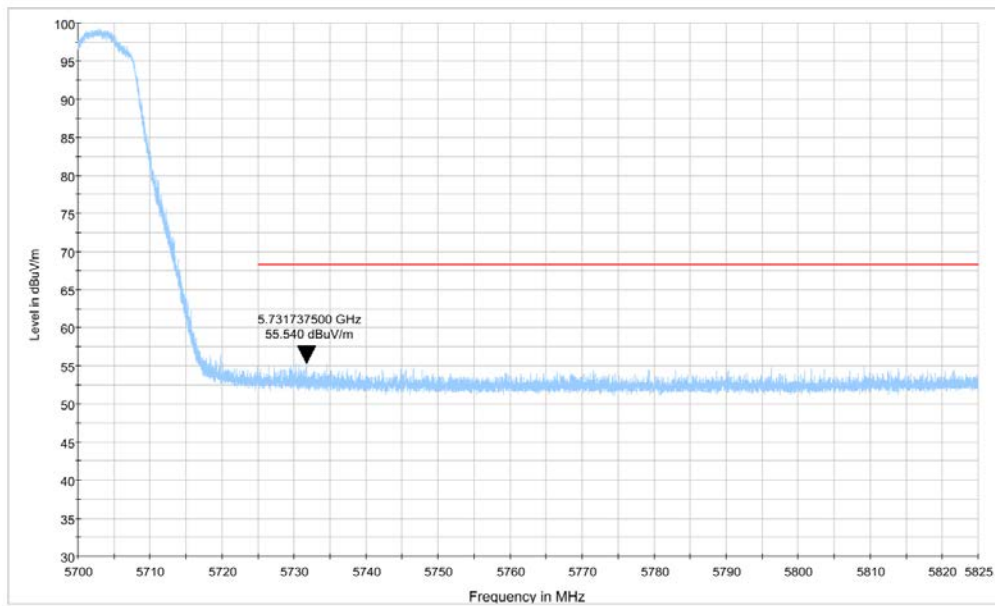


Fig.4 Band Edges (802.11a, 5700MHz)

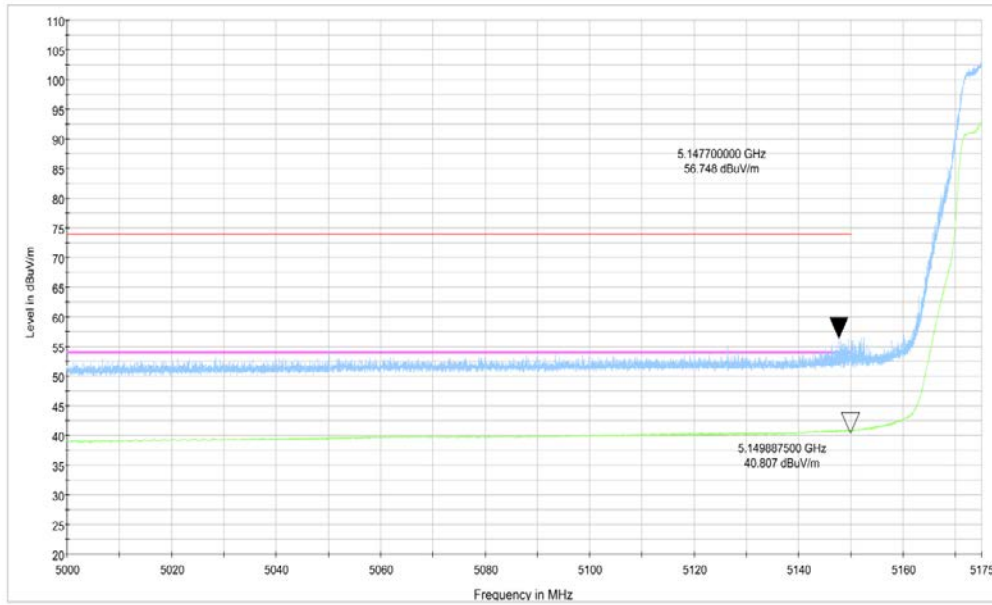


Fig.5 Band Edges (802.11n-HT20, 5180MHz)

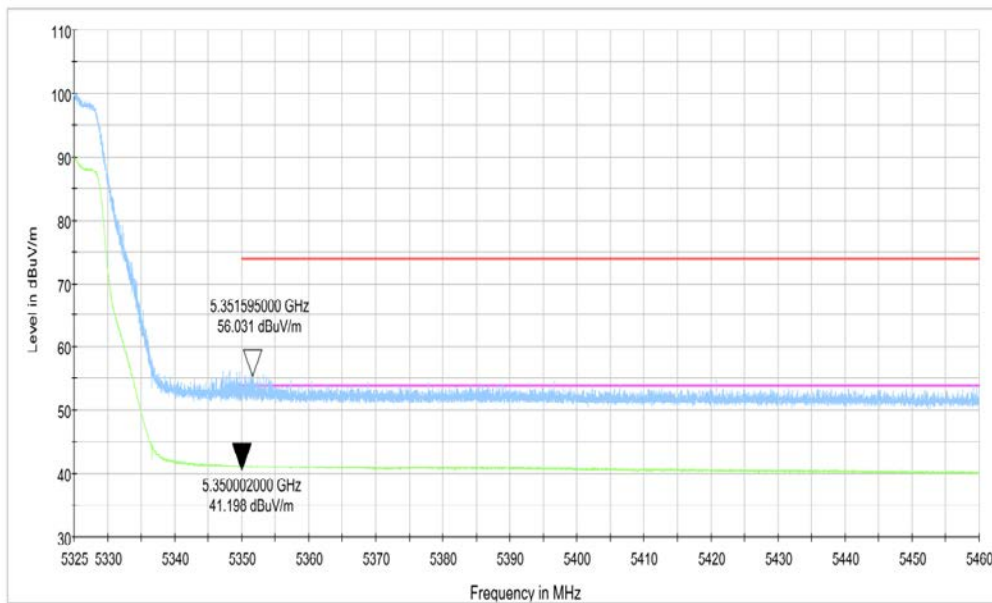


Fig.6 Band Edges (802.11n-HT20, 5320MHz)

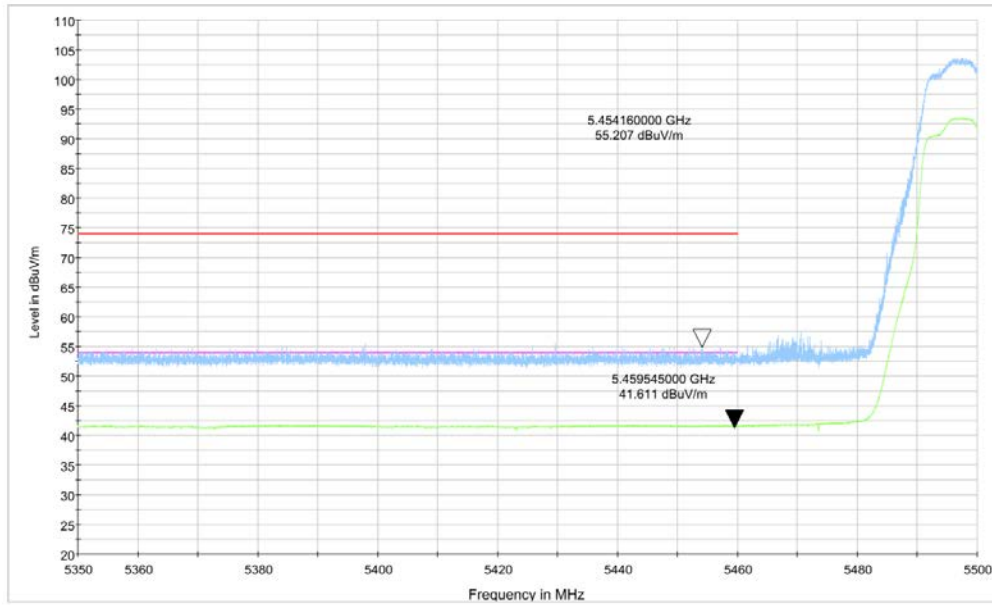


Fig.7 Band Edges (802.11n-HT20, 5500MHz)

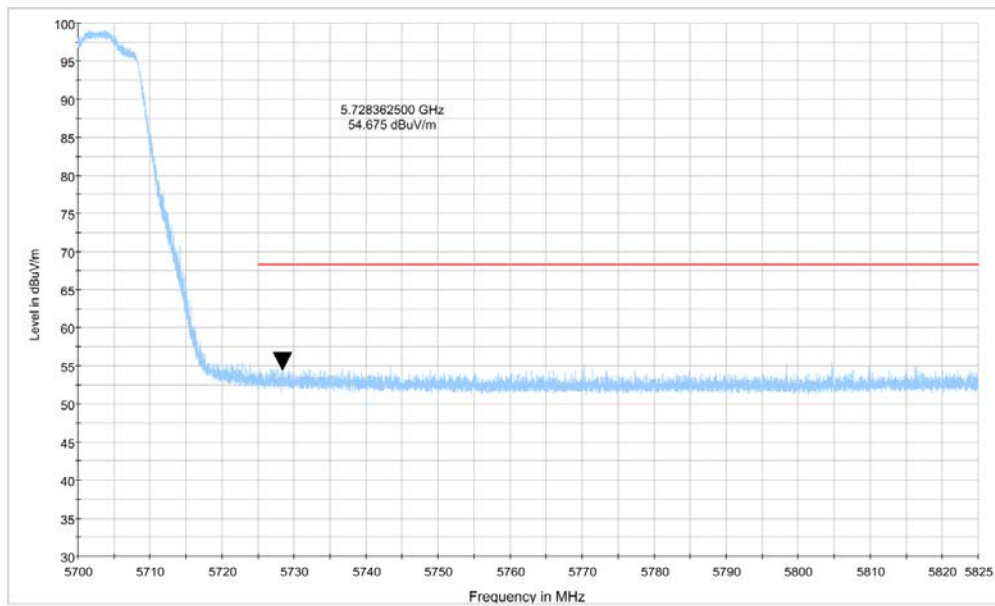


Fig.8 Band Edges (802.11n-HT20, 5700MHz)

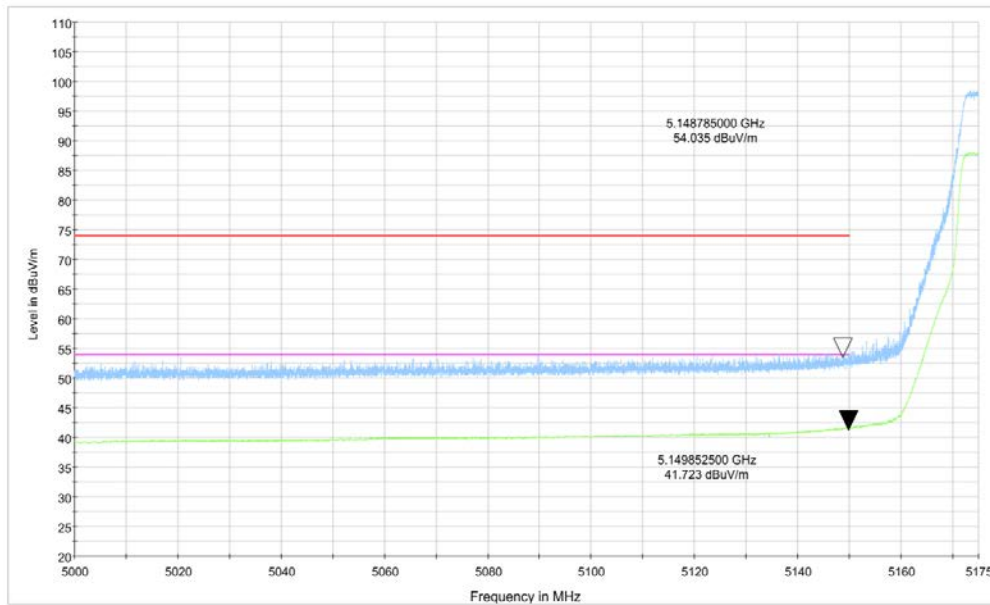


Fig.9 Band Edges (802.11n-HT40, 5190MHz)

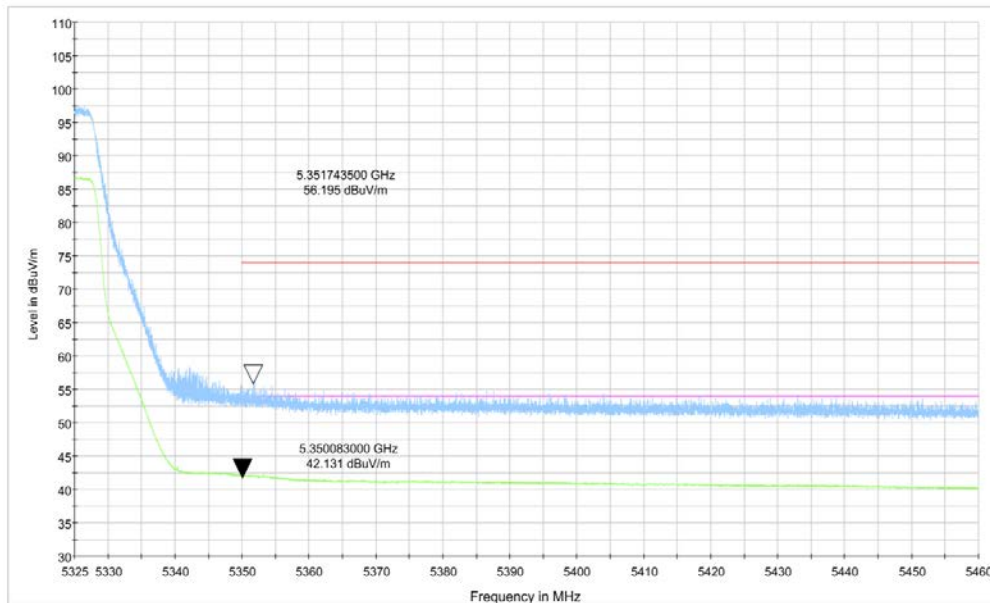


Fig.10 Band Edges (802.11n-HT40, 5310MHz)

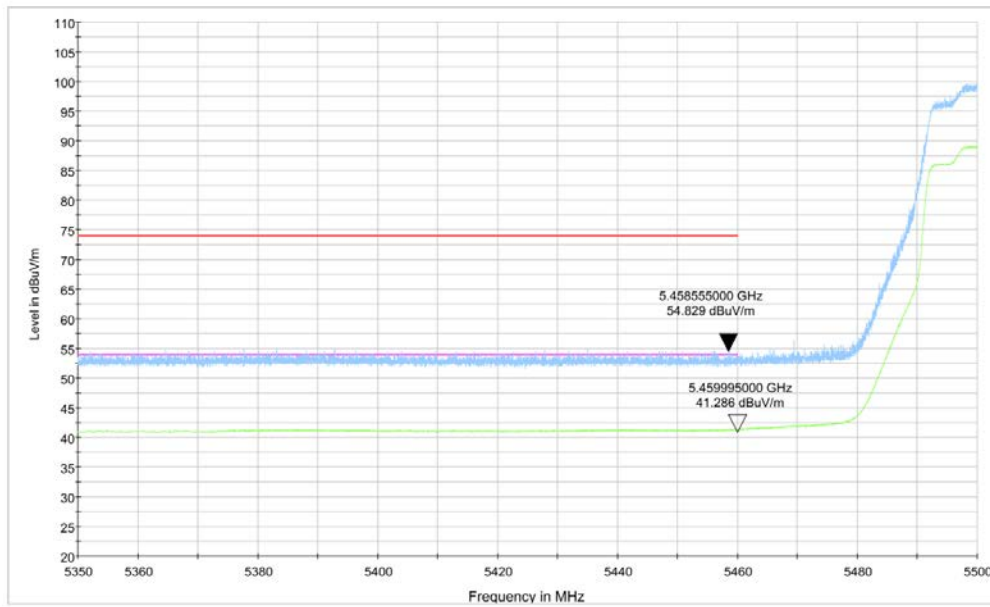


Fig.11 Band Edges (802.11n-HT40, 5510MHz)

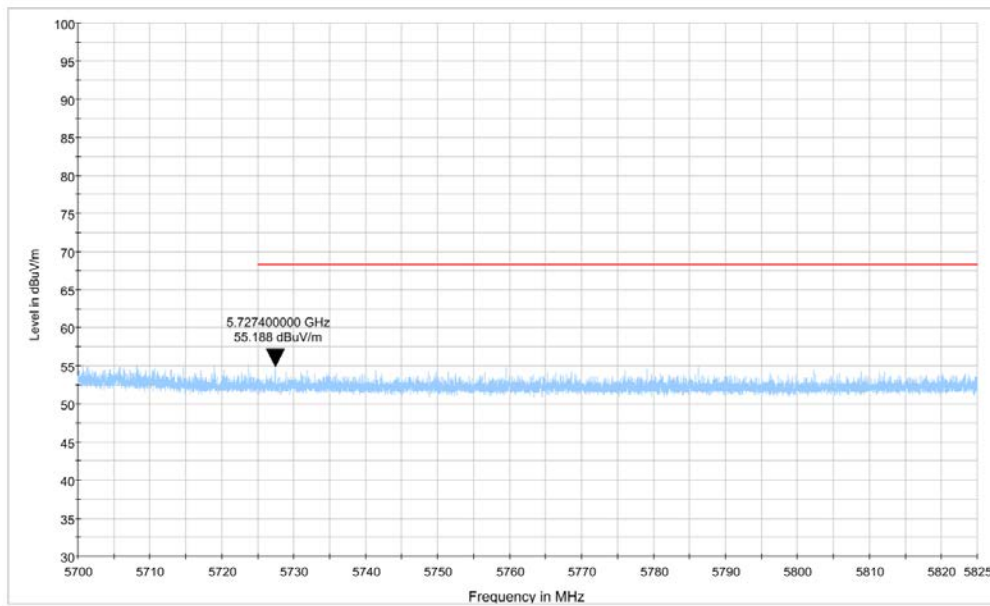


Fig.12 Band Edges (802.11n-HT40, 5670MHz)

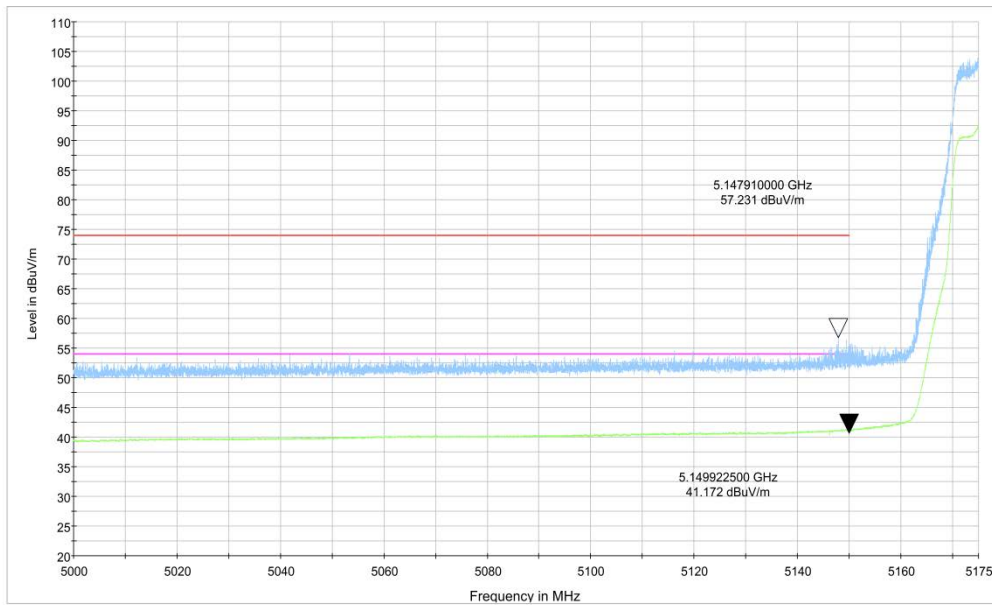


Fig.13 Band Edges (802.11ax-HT20, 5180MHz)

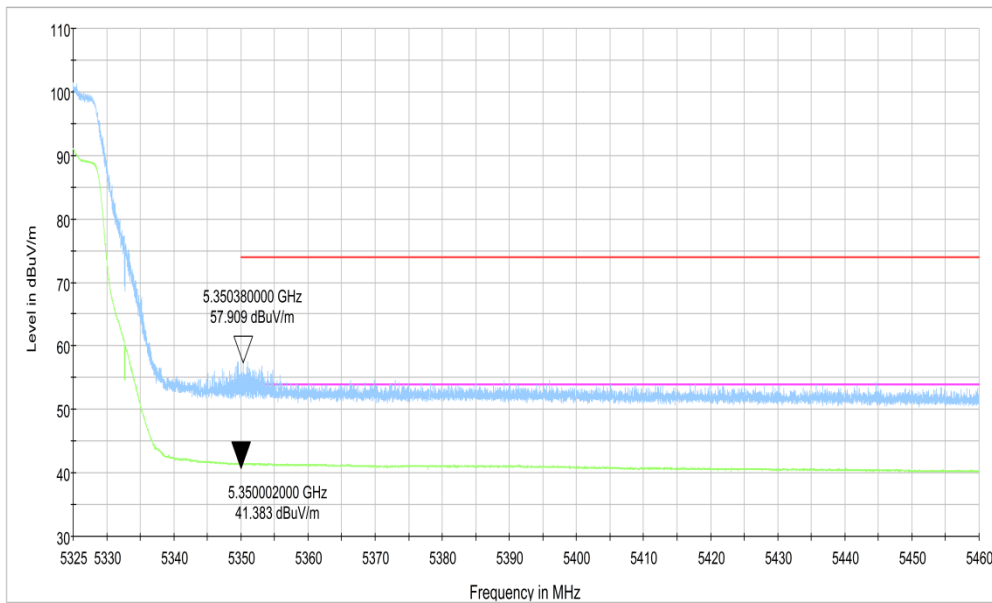


Fig.14 Band Edges (802.11ax-HT20, 5320MHz)

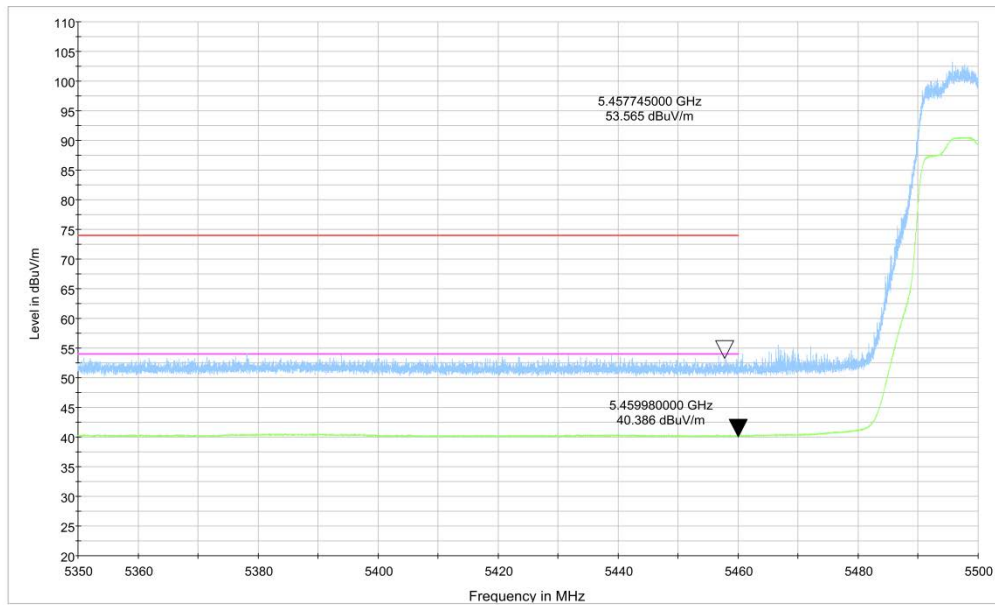


Fig.15 Band Edges (802.11ax-HT20, 5500MHz)

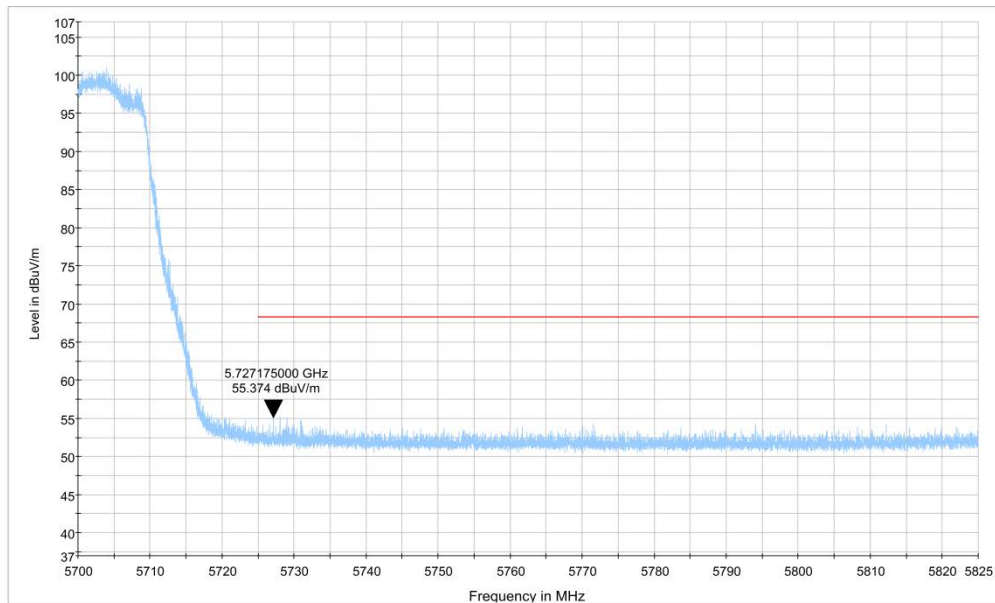


Fig.16 Band Edges (802.11ax-HT20, 5700MHz)

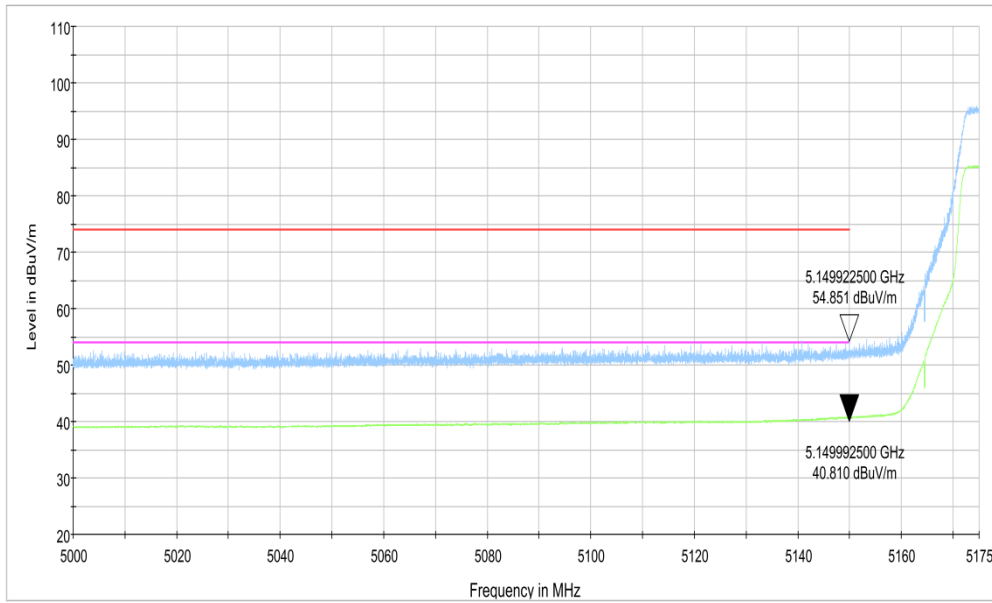


Fig.17 Band Edges (802.11ax-HT40, 5190MHz)

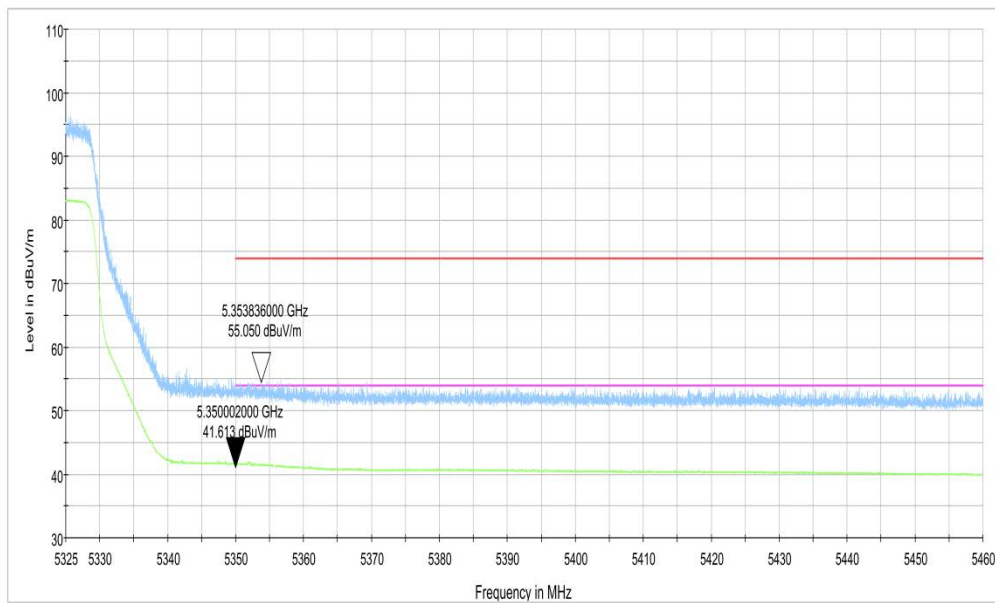


Fig.18 Band Edges (802.11ax-HT40, 5310MHz)

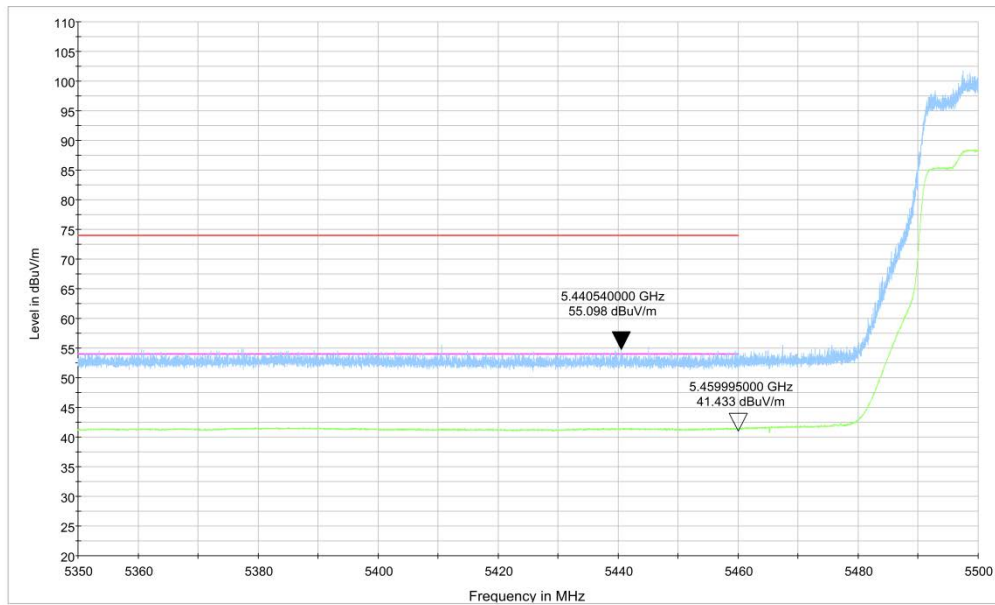


Fig.19 Band Edges (802.11ax-HT40, 5510MHz)

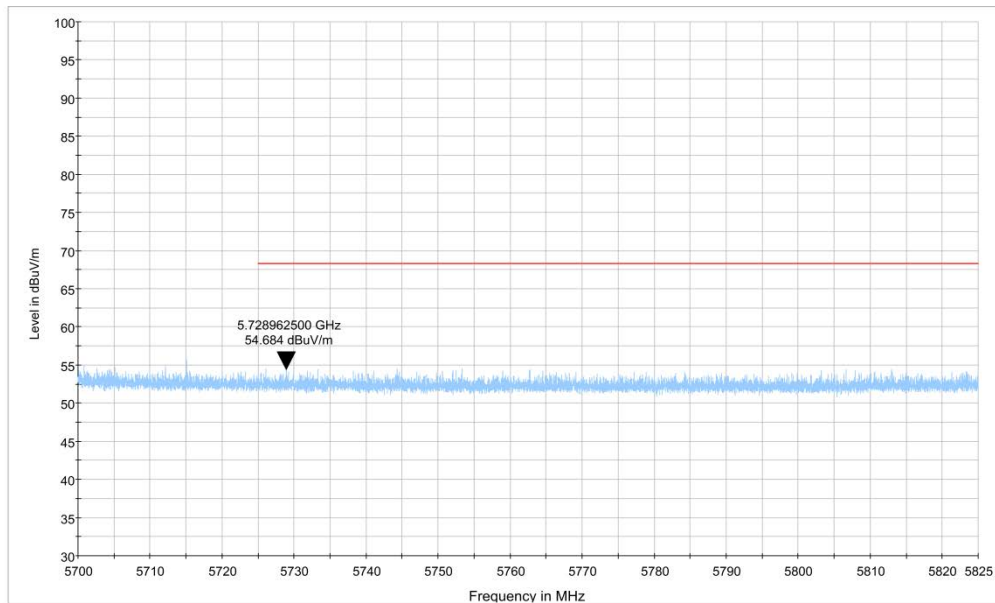


Fig.20 Band Edges (802.11ax-HT40, 5670MHz)

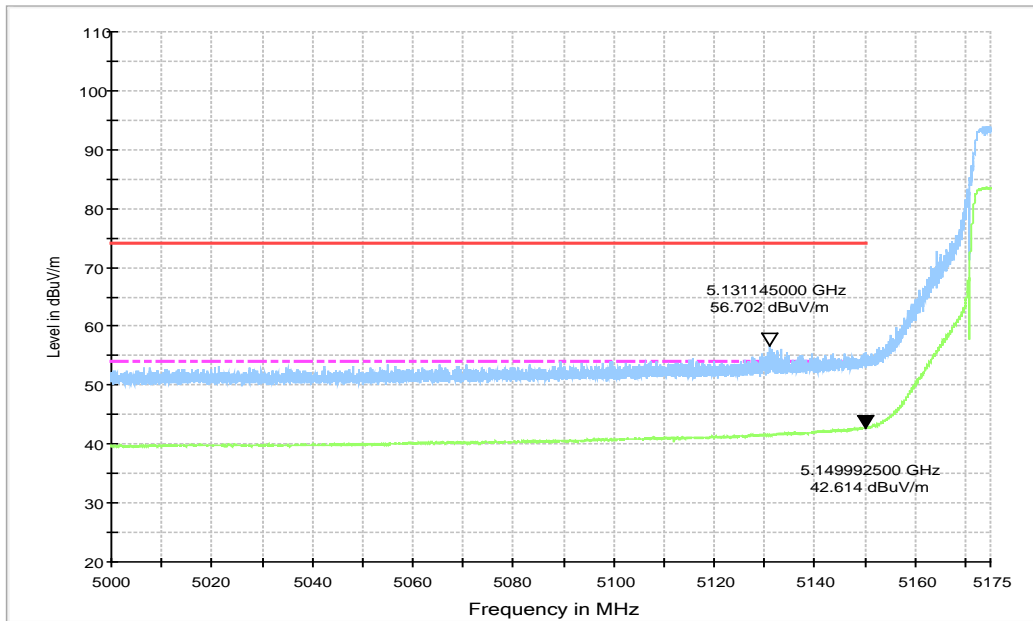


Fig.21 Band Edges (802.11ax-HT80, 5210MHz)

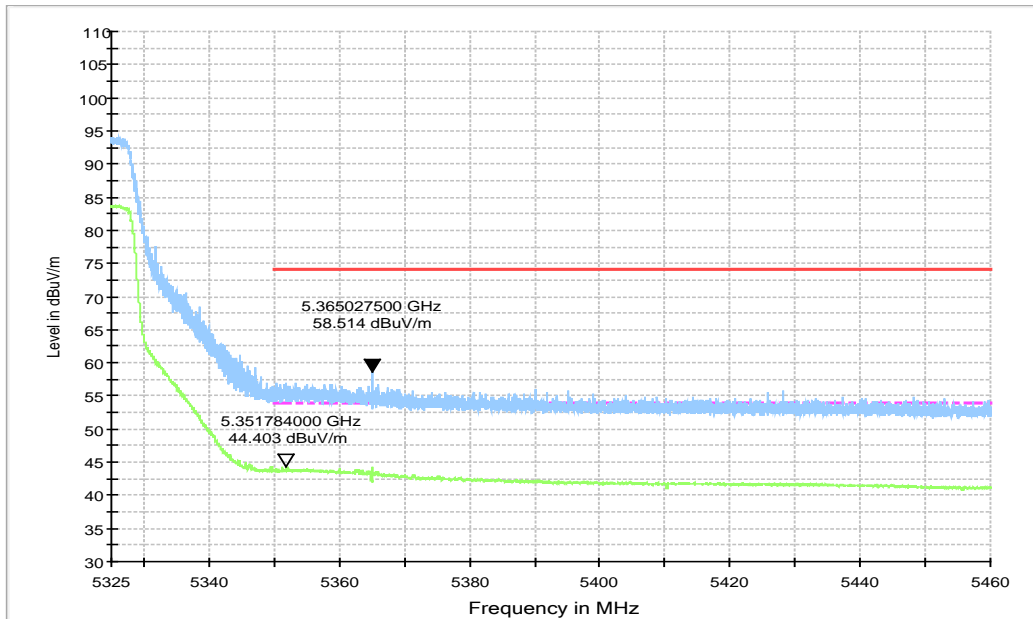


Fig.22 Band Edges (802.11ax-HT80, 5290MHz)

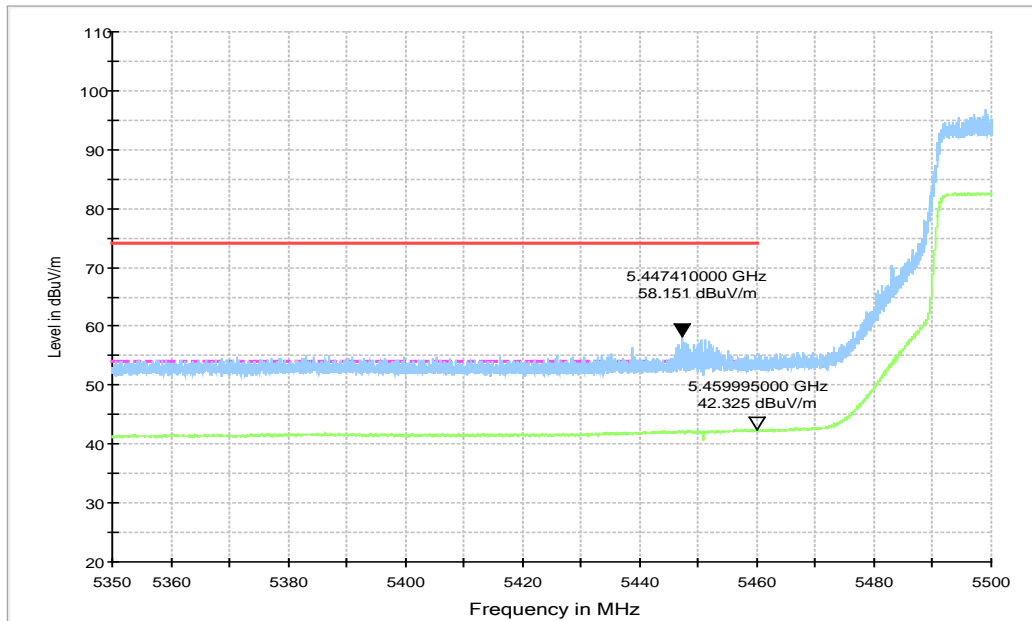


Fig.23 Band Edges (802.11ax-HT80, 5530MHz)

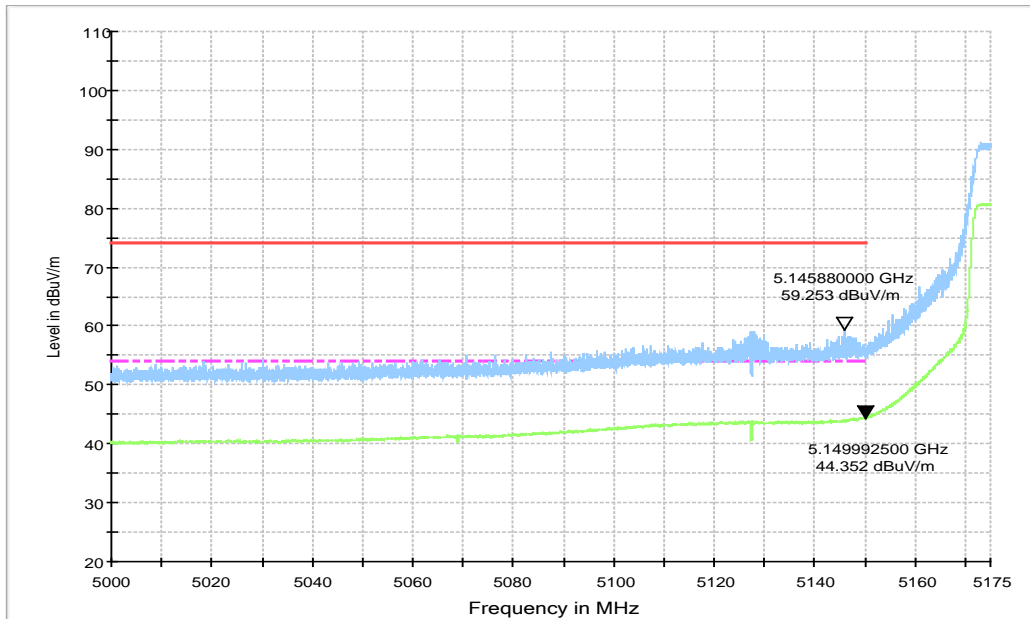


Fig.24 Band Edges (802.11ax-HT160, 5250MHz)

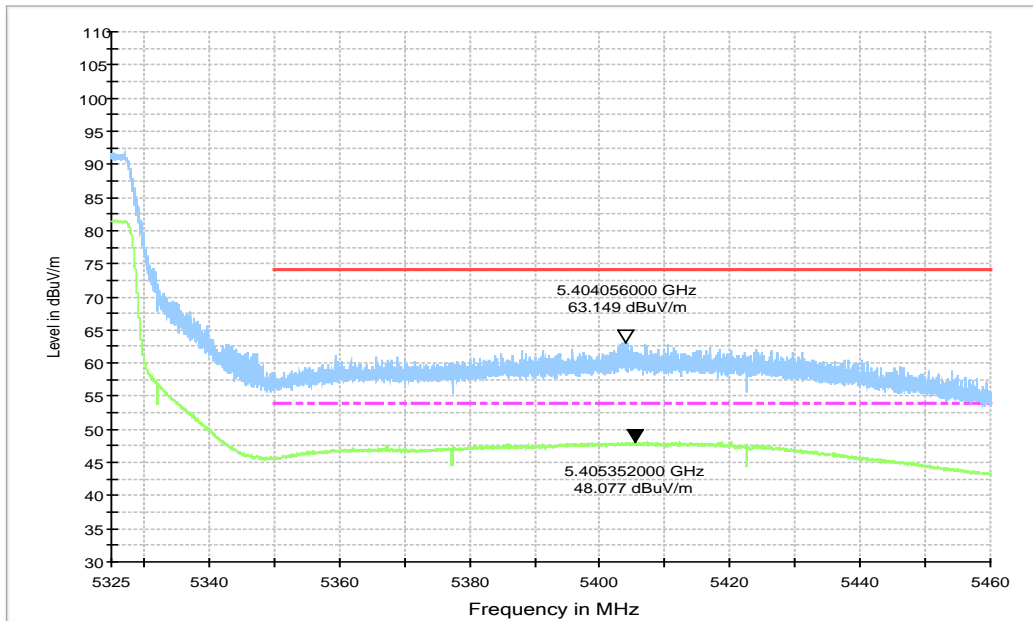


Fig.25 Band Edges (802.11ax-HT160, 5250MHz)

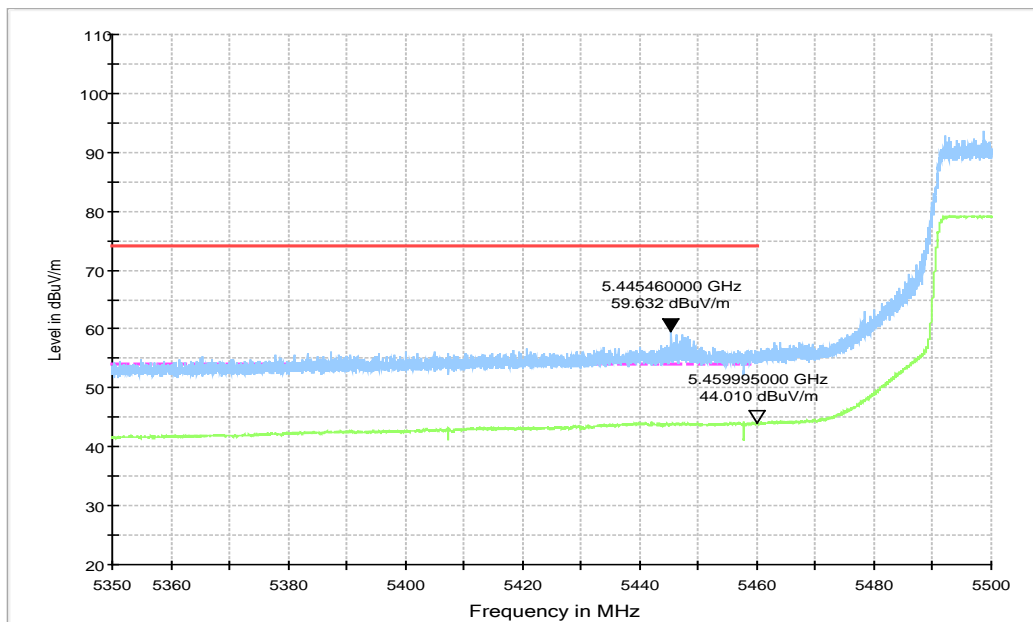


Fig.26 Band Edges (802.11ax-HT160, 5570MHz)

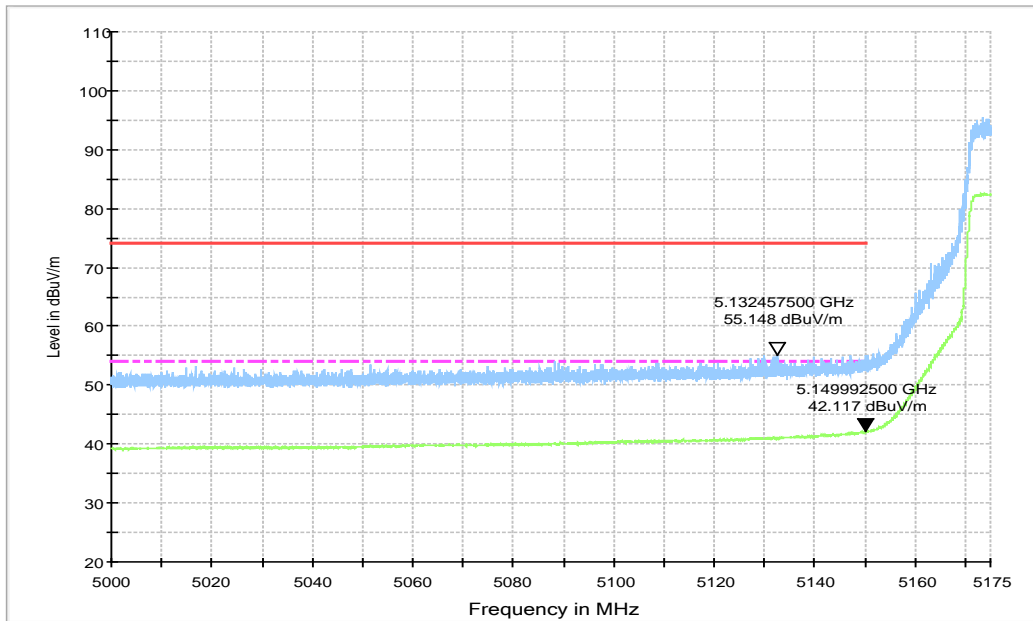


Fig.27 Band Edges (802.11ac-HT80, 5210MHz)

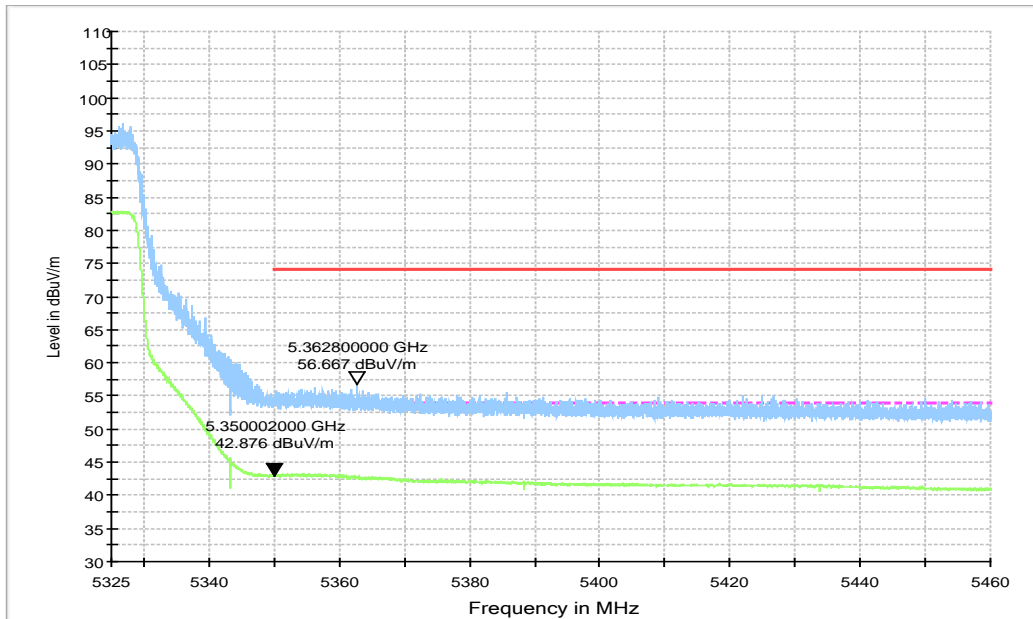


Fig.28 Band Edges (802.11ac-HT80, 5290MHz)

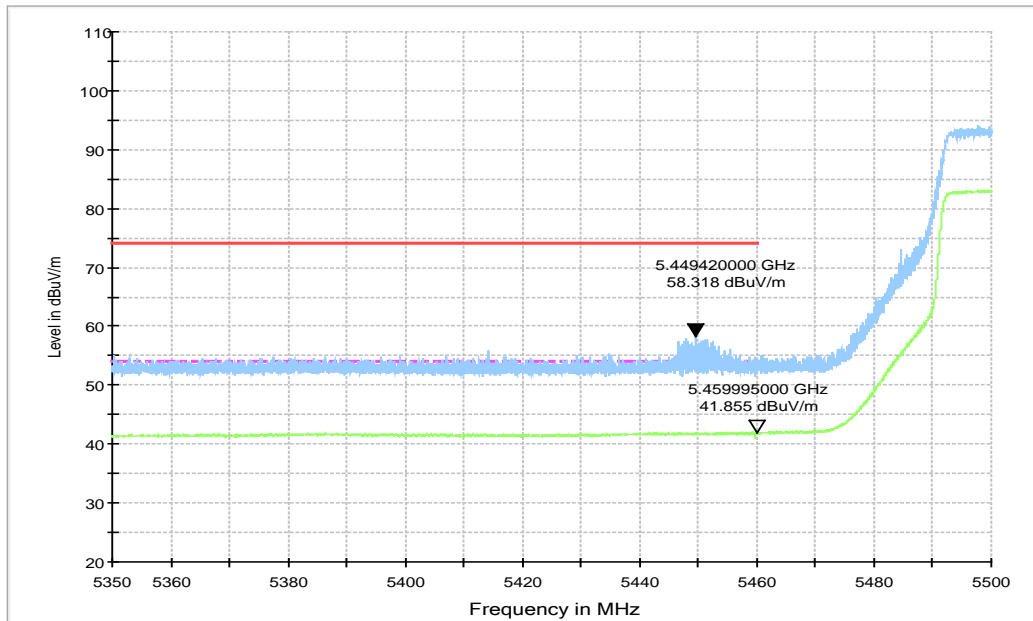


Fig.29 Band Edges (802.11ac-HT80, 5530MHz)

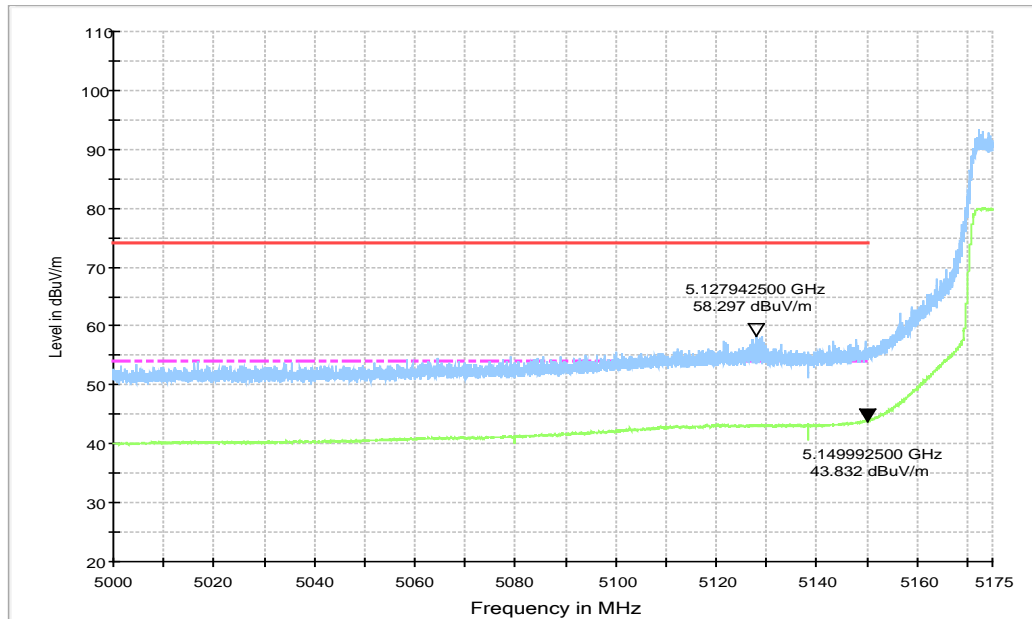


Fig.30 Band Edges (802.11ac-HT160, 5250MHz)

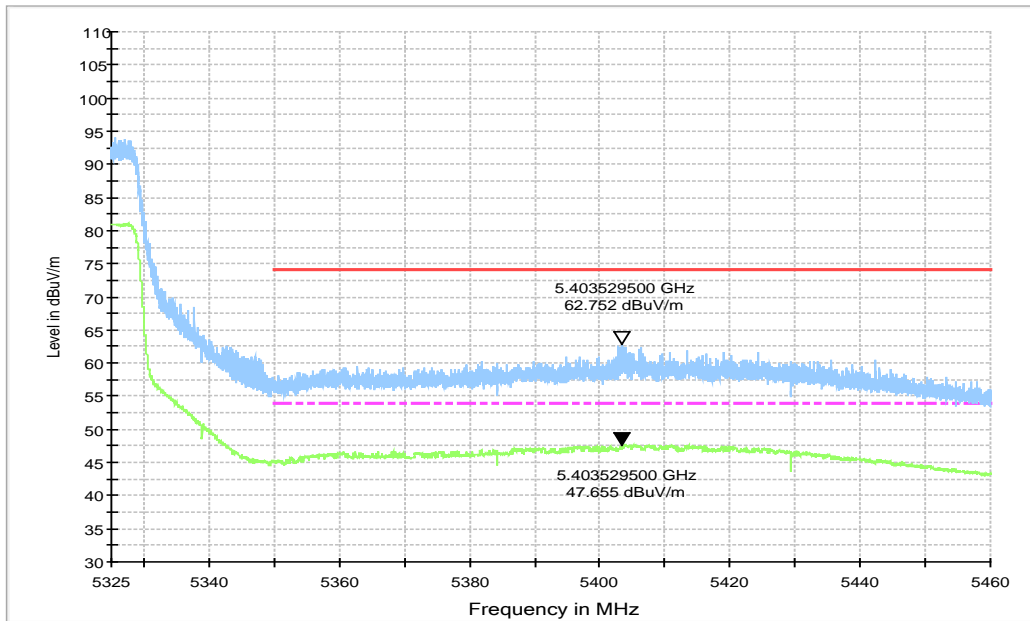


Fig.31 Band Edges (802.11ac-HT160, 5250MHz)

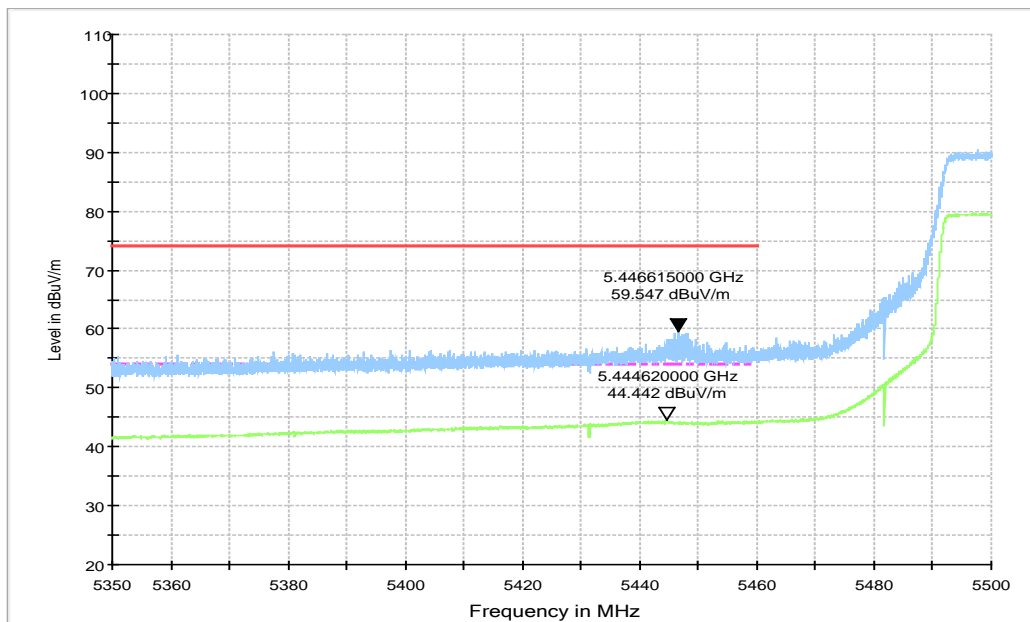


Fig.32 Band Edges (802.11ac-HT160, 5570MHz)

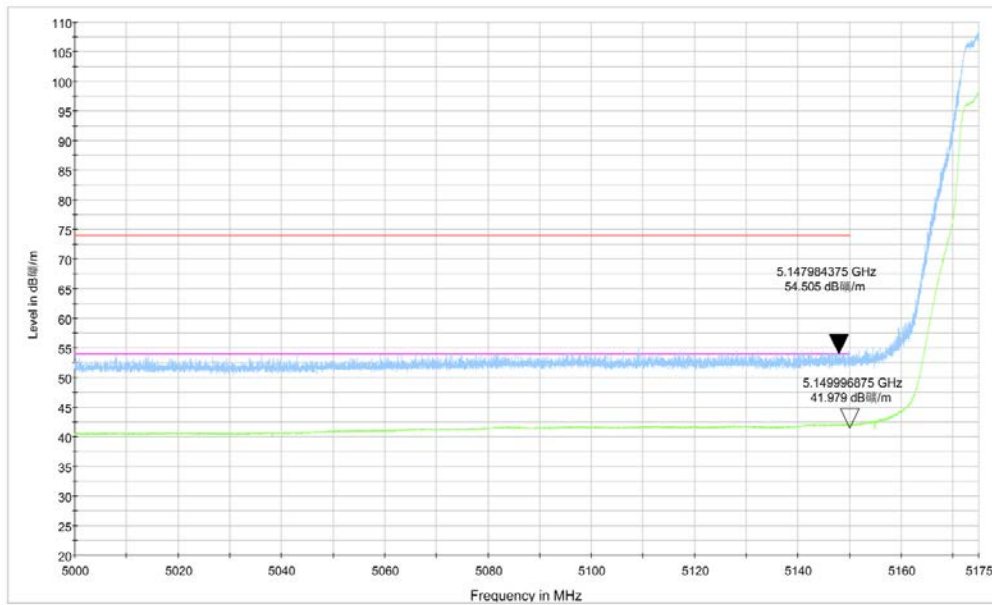


Fig.33 Band Edges (802.11a, 5180MHz)

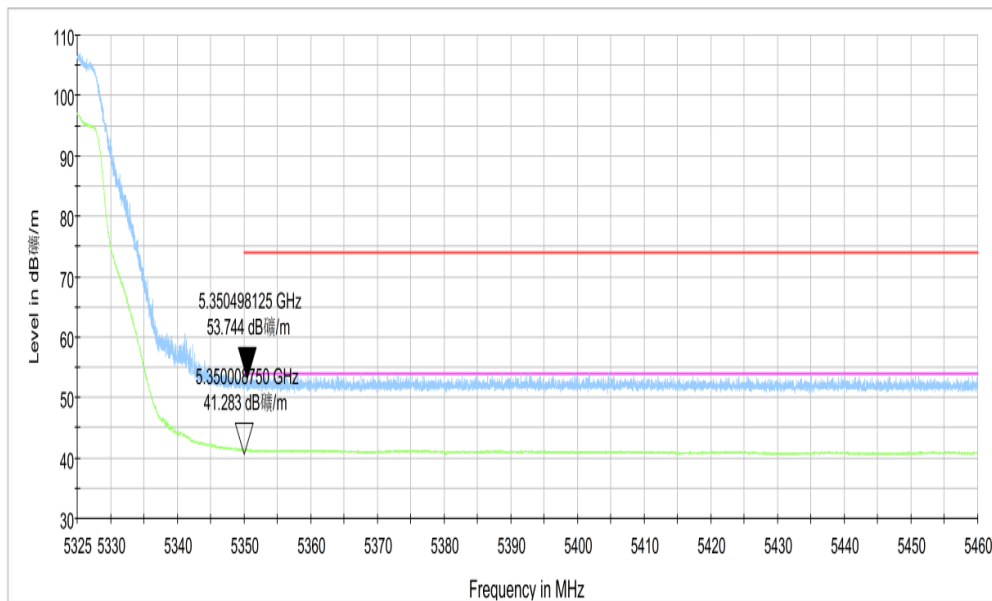


Fig.34 Band Edges (802.11a, 5320MHz)

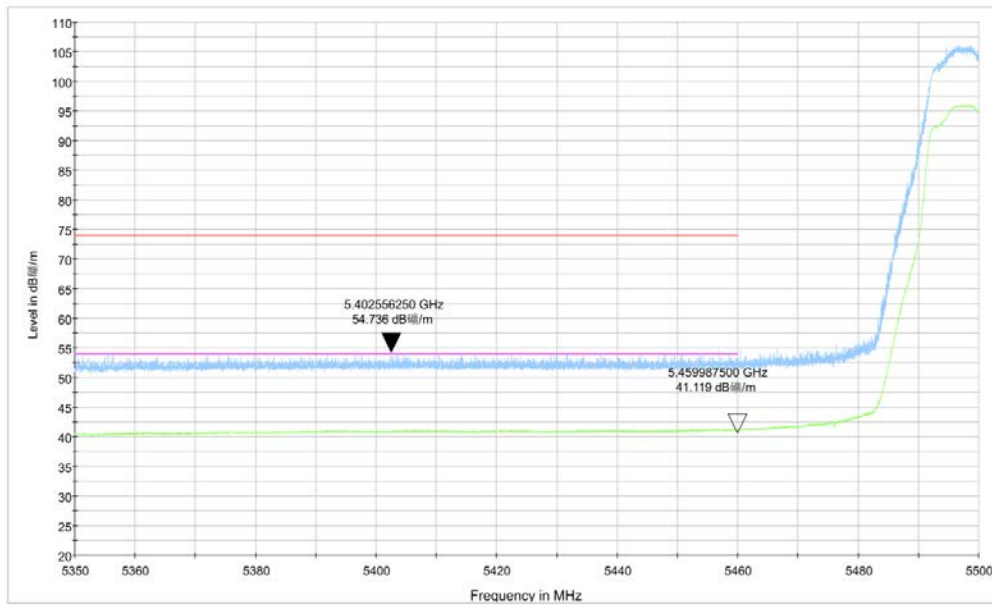


Fig.35 Band Edges (802.11a, 5500MHz)

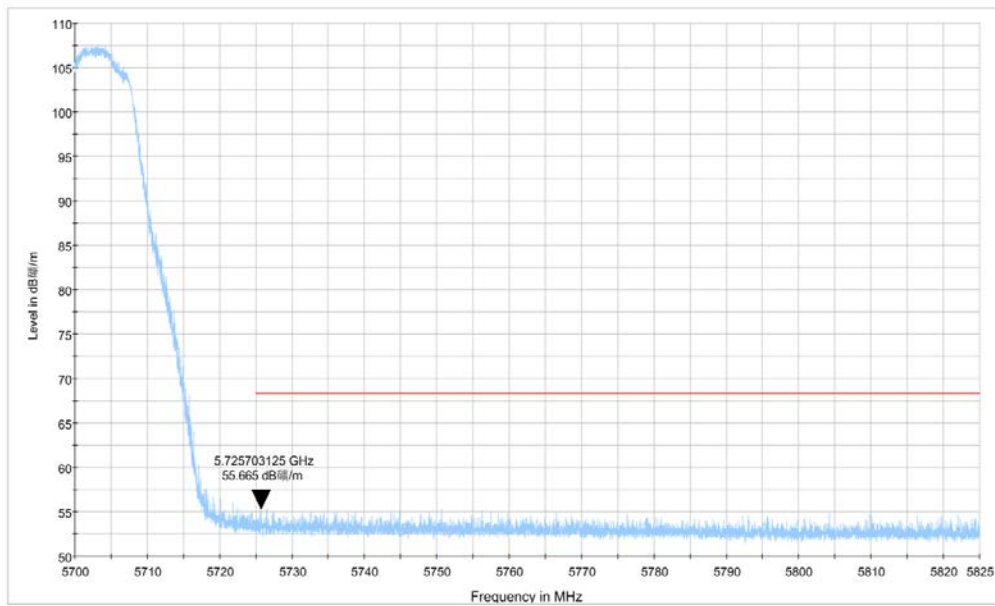


Fig.36 Band Edges (802.11a, 5700MHz)

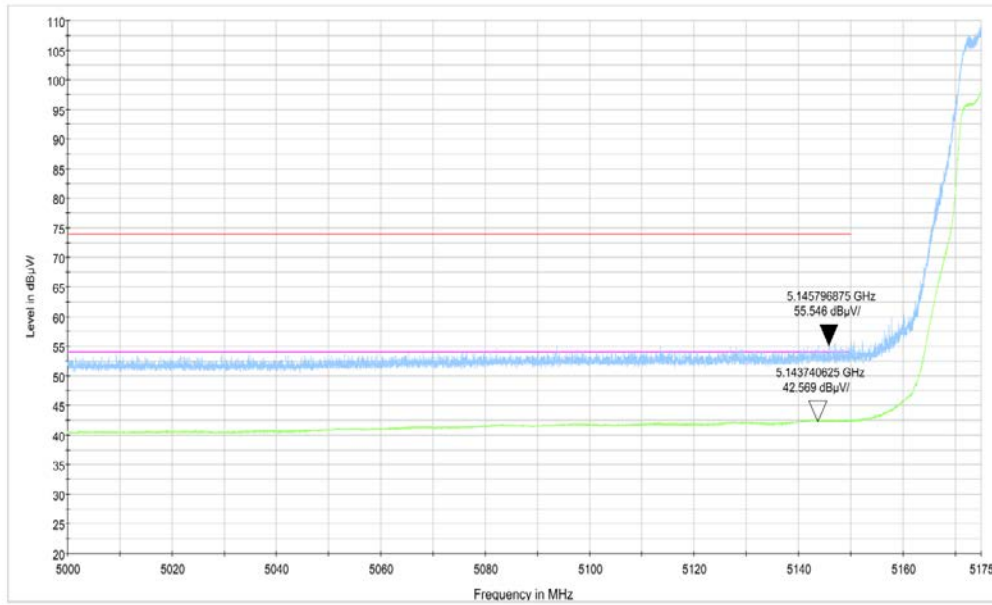


Fig.37 Band Edges (802.11n-HT20, 5180MHz)

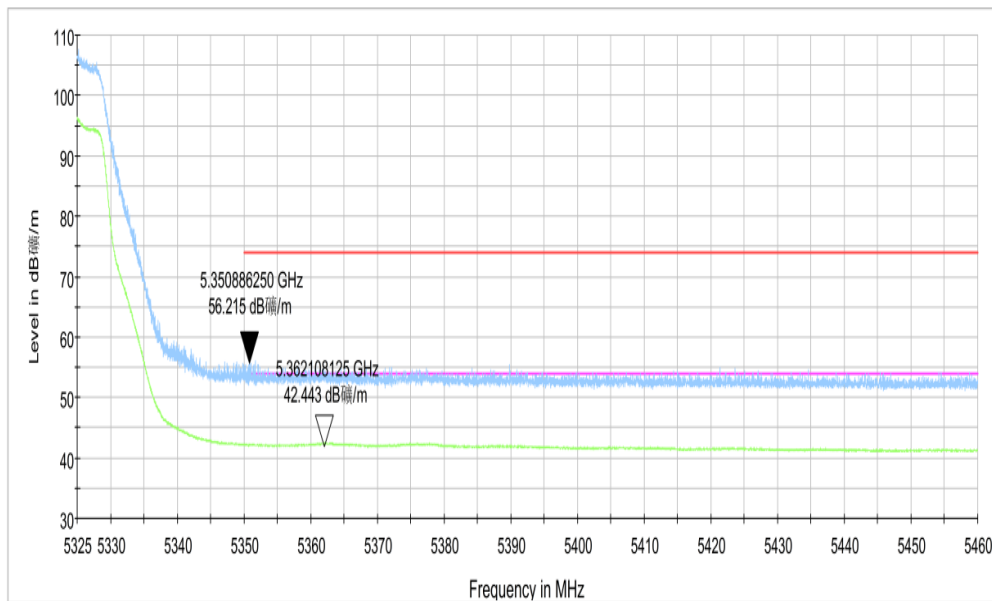


Fig.38 Band Edges (802.11n-HT20, 5320MHz)

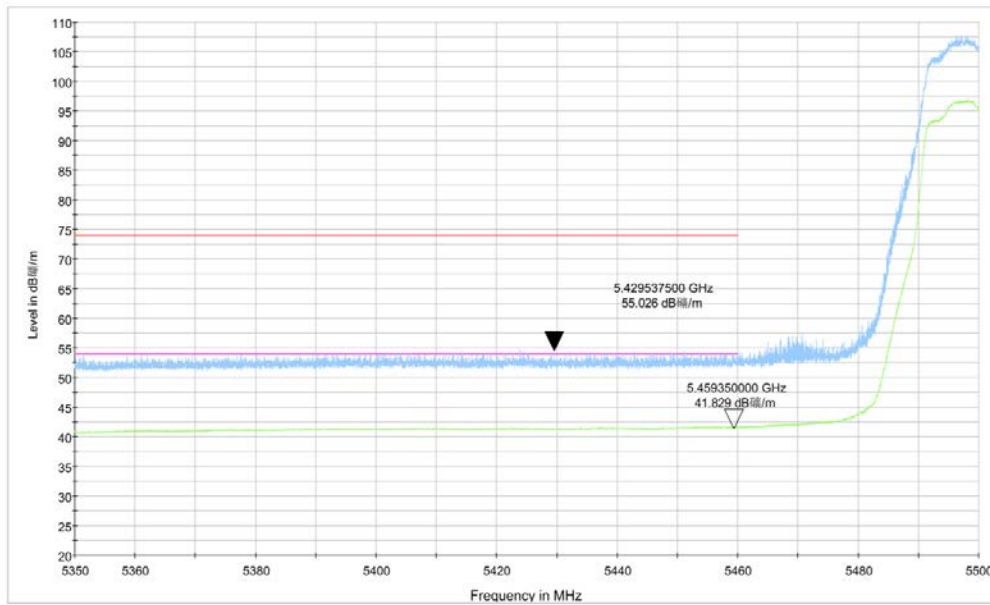


Fig.39 Band Edges (802.11n-HT20, 5500MHz)

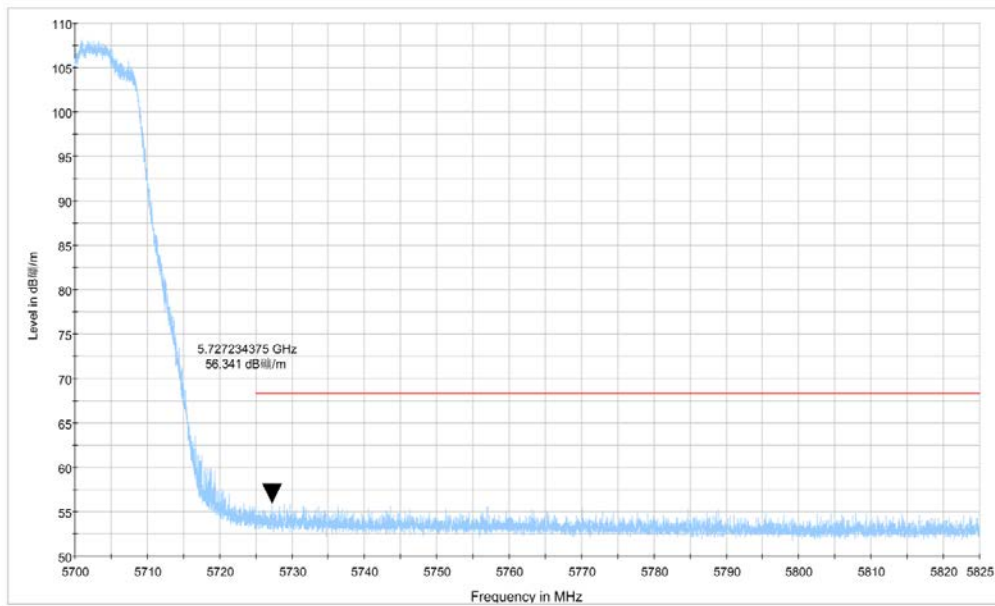


Fig.40 Band Edges (802.11n-HT20, 5700MHz)

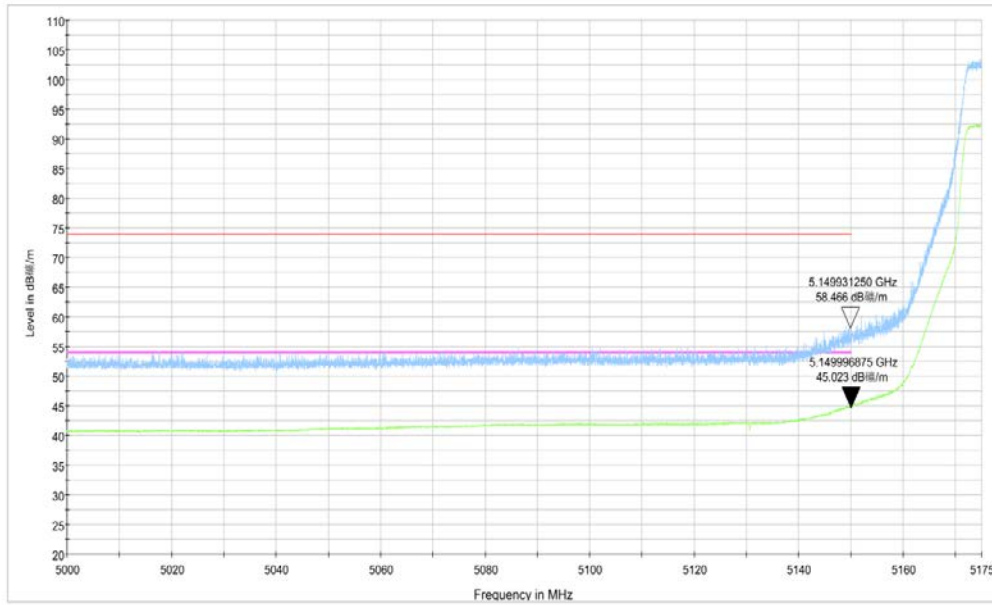


Fig.41 Band Edges (802.11n-HT40, 5190MHz)

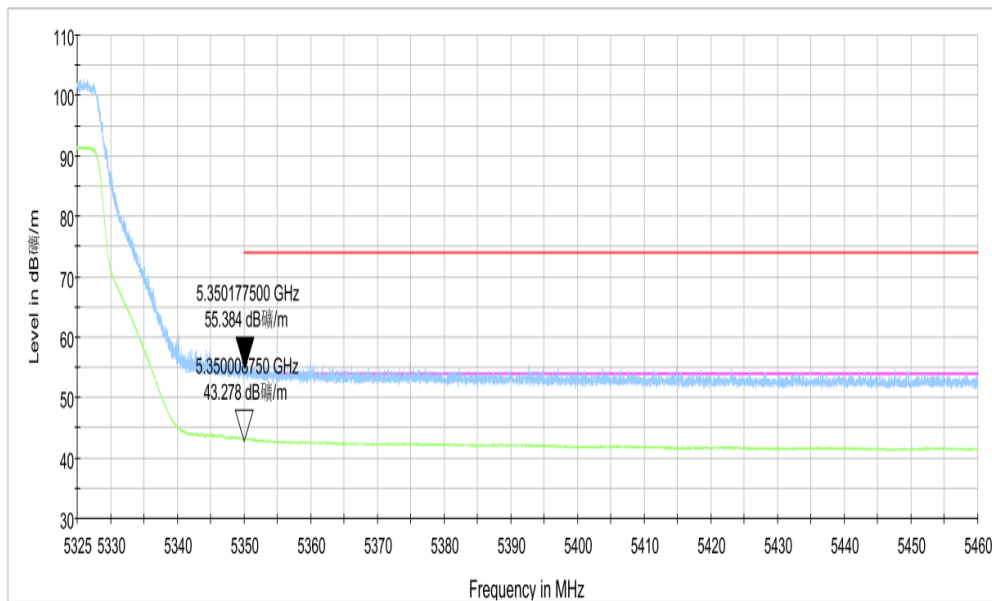


Fig.42 Band Edges (802.11n-HT40, 5310MHz)

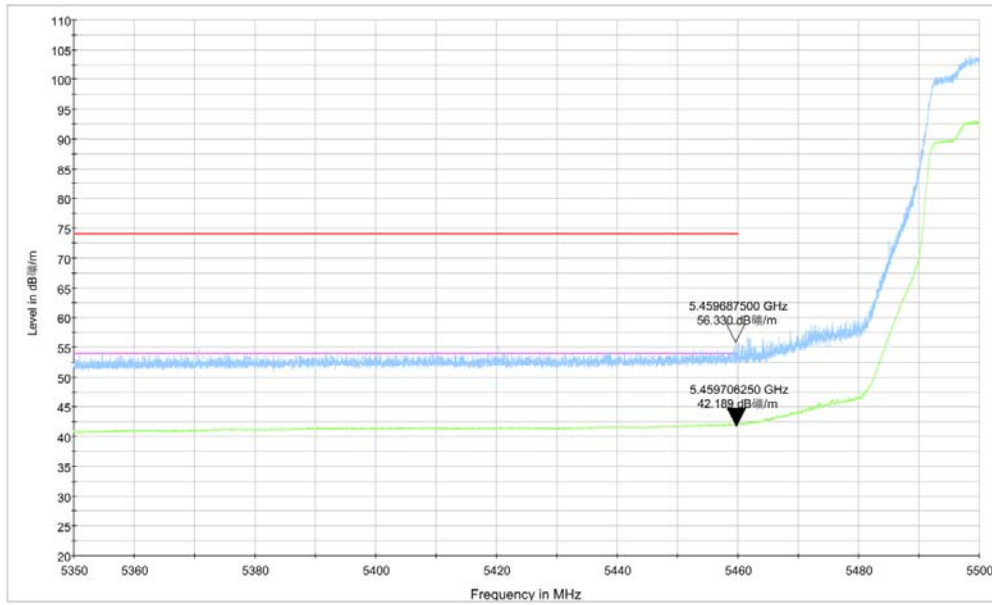


Fig.43 Band Edges (802.11n-HT40, 5510MHz)

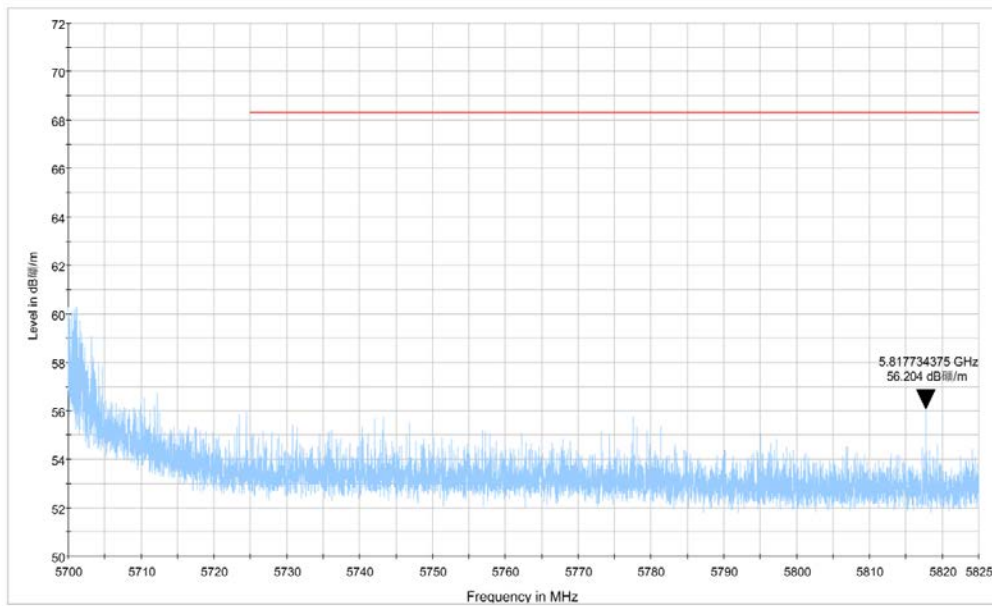


Fig.44 Band Edges (802.11n-HT40, 5670MHz)

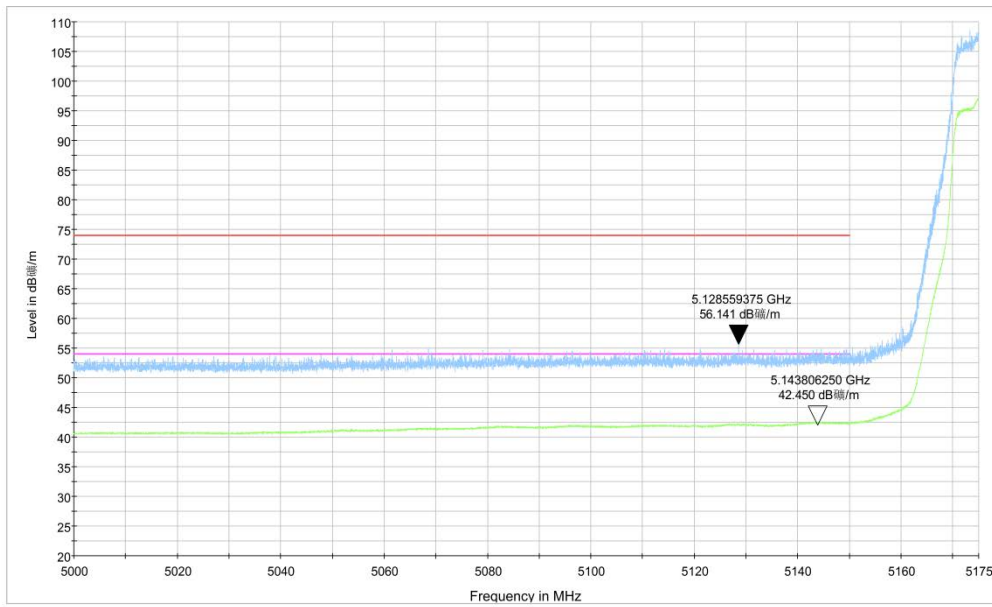


Fig.45 Band Edges (802.11ax-HT20, 5180MHz)

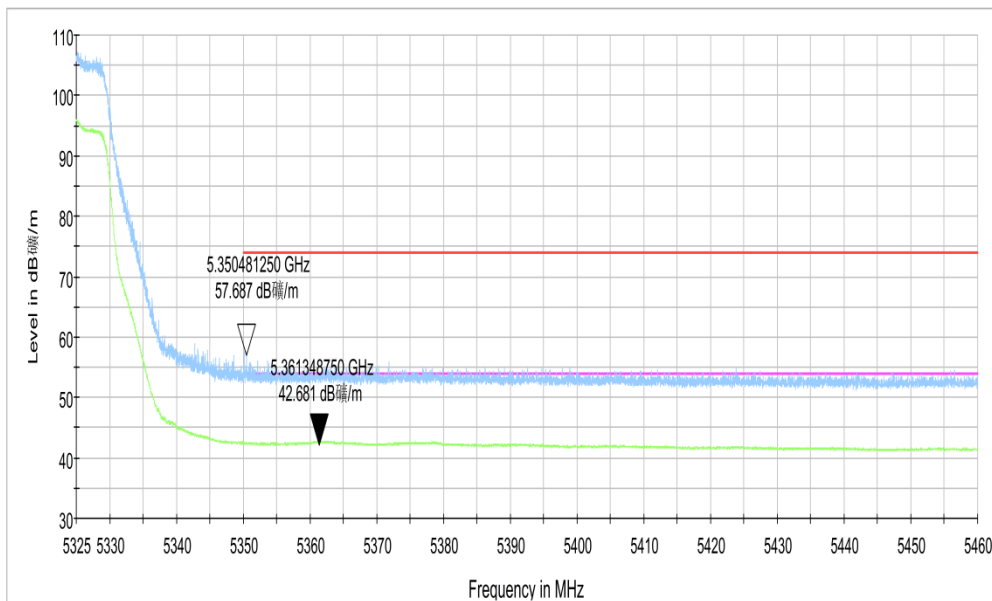


Fig.46 Band Edges (802.11ax-HT20, 5320MHz)

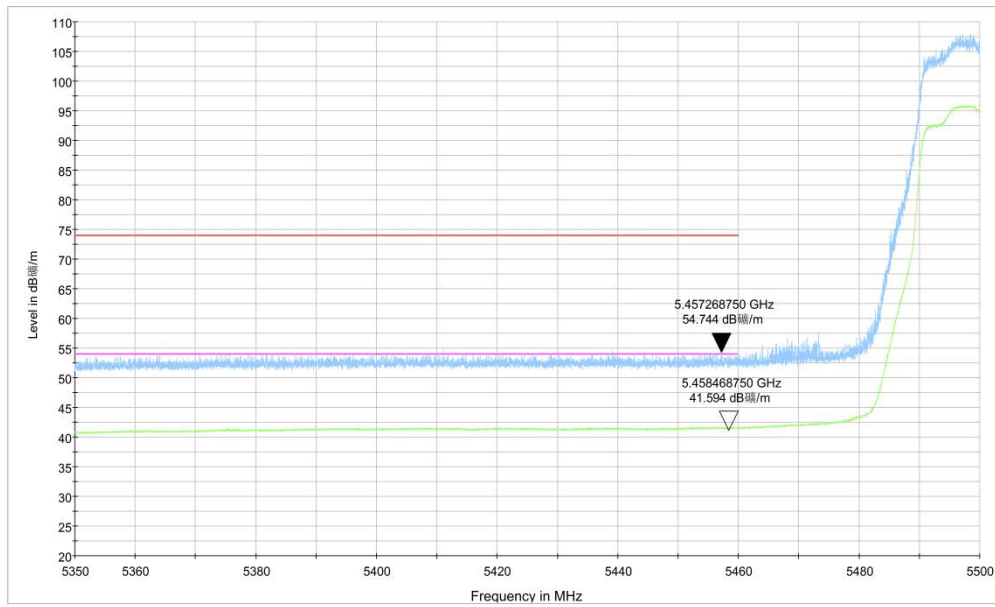


Fig.47 Band Edges (802.11ax-HT20, 5500MHz)

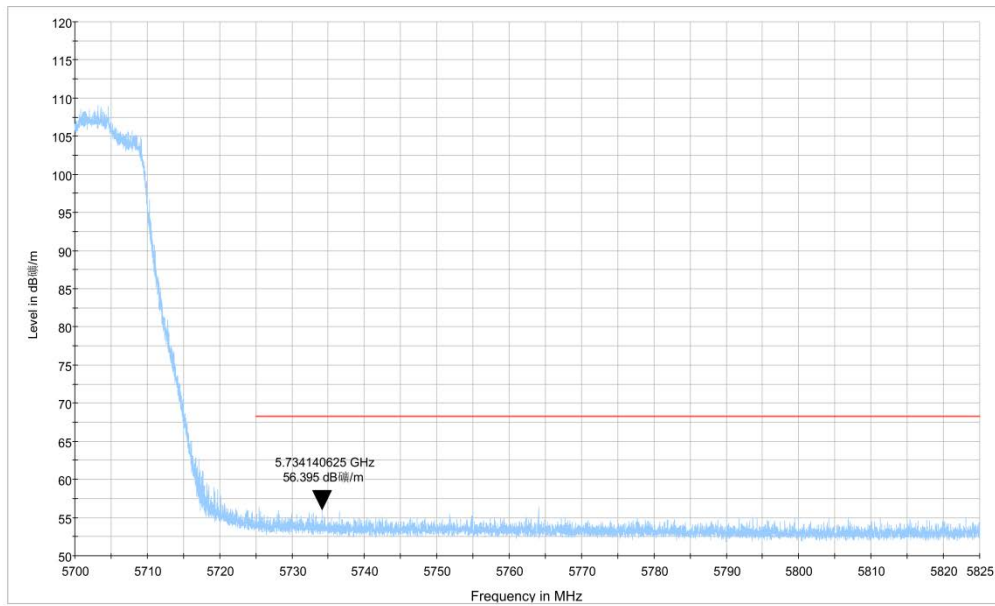


Fig.48 Band Edges (802.11ax-HT20, 5700MHz)

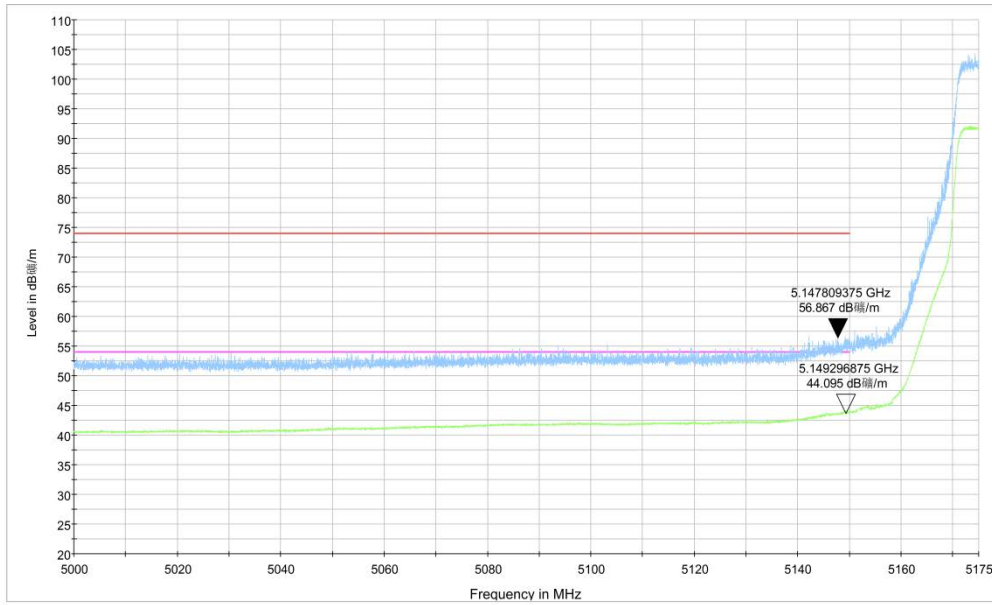


Fig.49 Band Edges (802.11ax-HT40, 5190MHz)

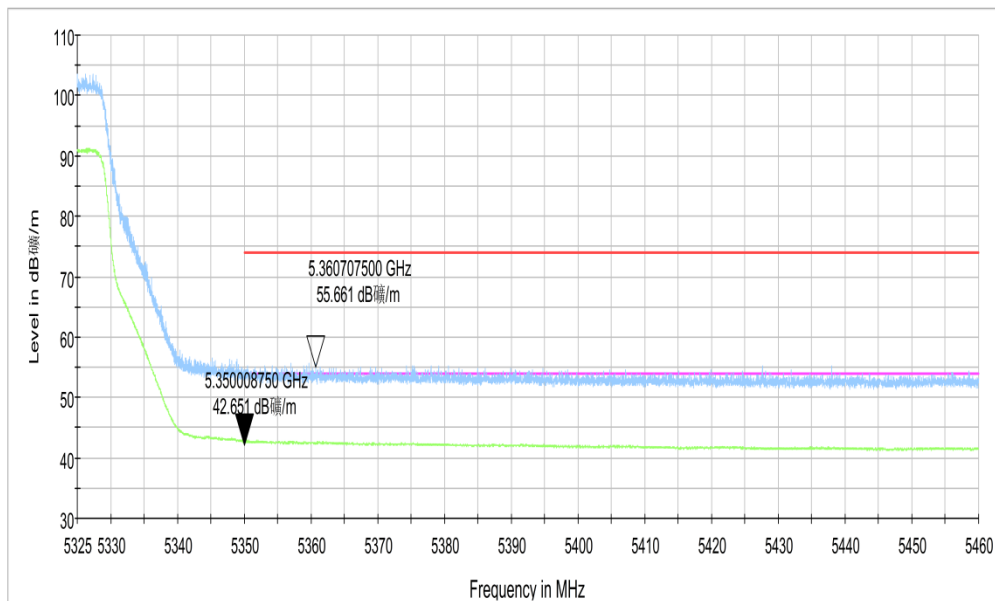


Fig.50 Band Edges (802.11ax-HT40, 5310MHz)

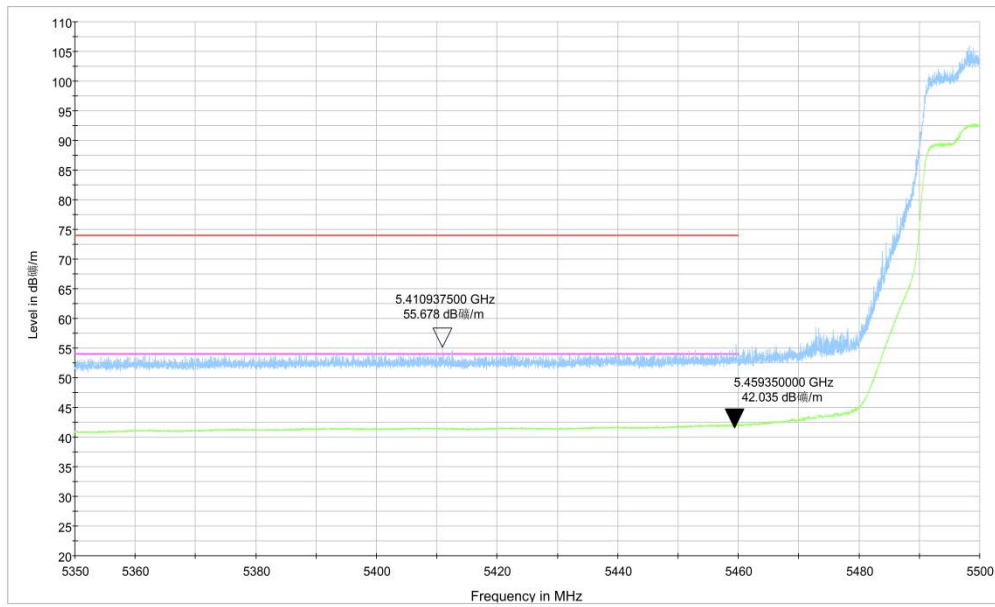


Fig.51 Band Edges (802.11ax-HT40, 5510MHz)

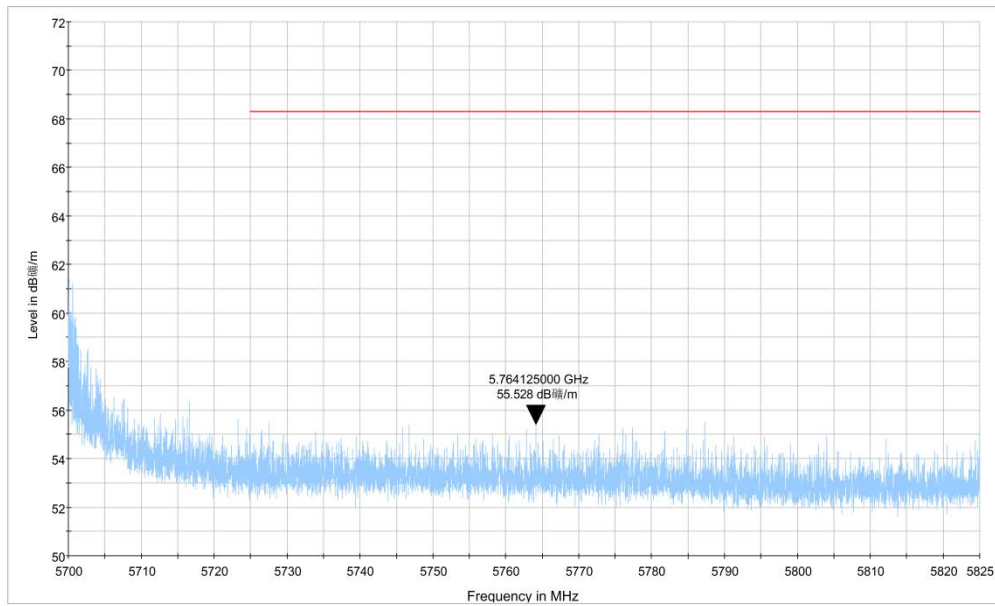


Fig.52 Band Edges (802.11ax-HT40, 5670MHz)

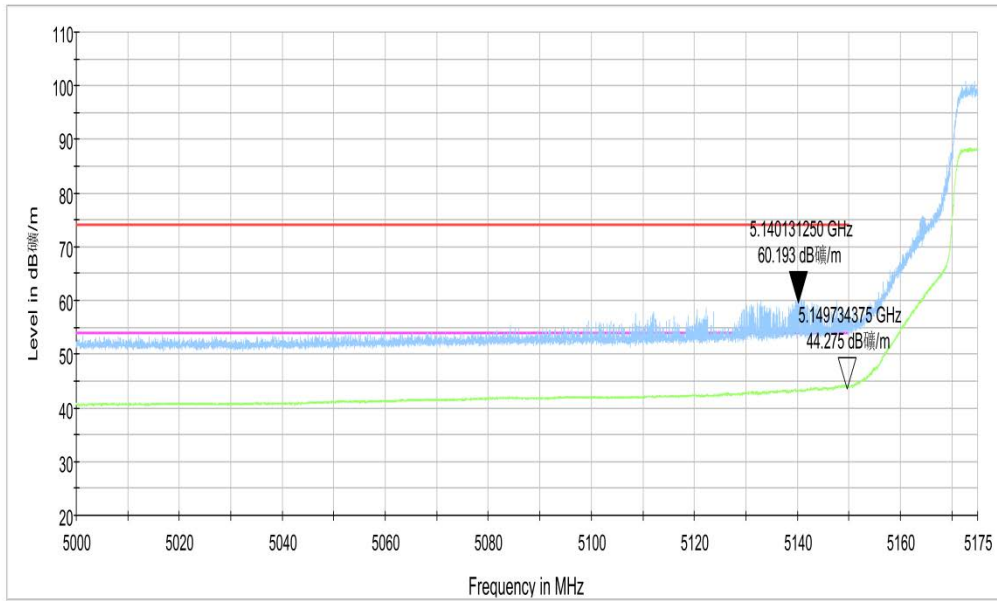


Fig.53 Band Edges (802.11ax-HT80, 5210MHz)

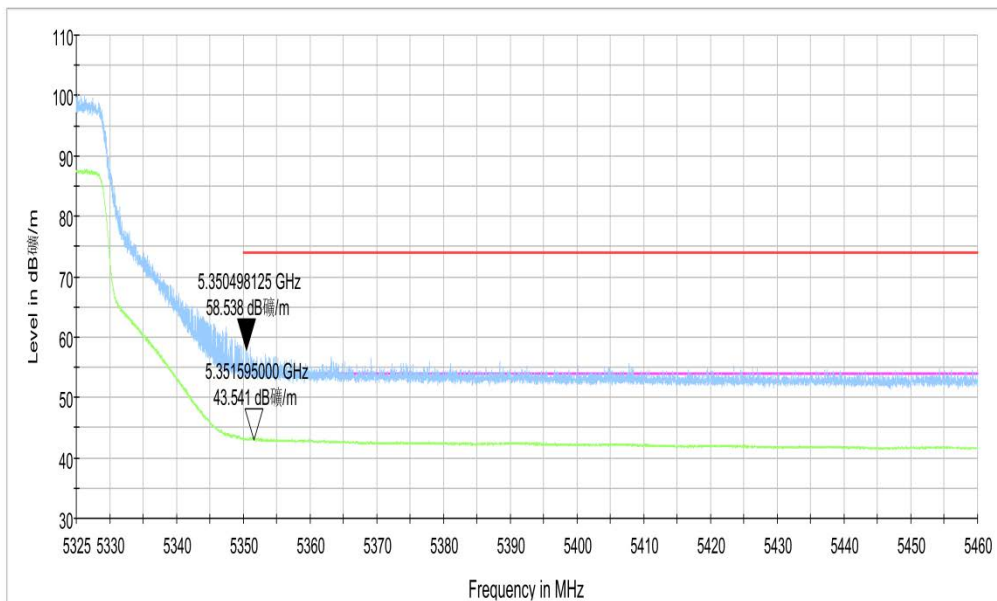


Fig.54 Band Edges (802.11ax-HT80, 5290MHz)

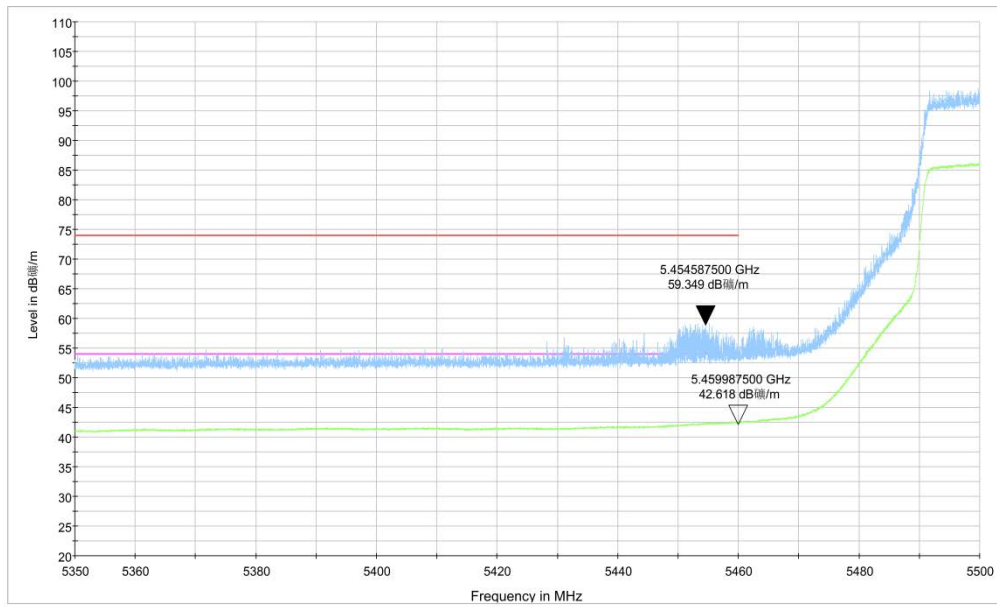


Fig.55 Band Edges (802.11ax-HT80, 5530MHz)

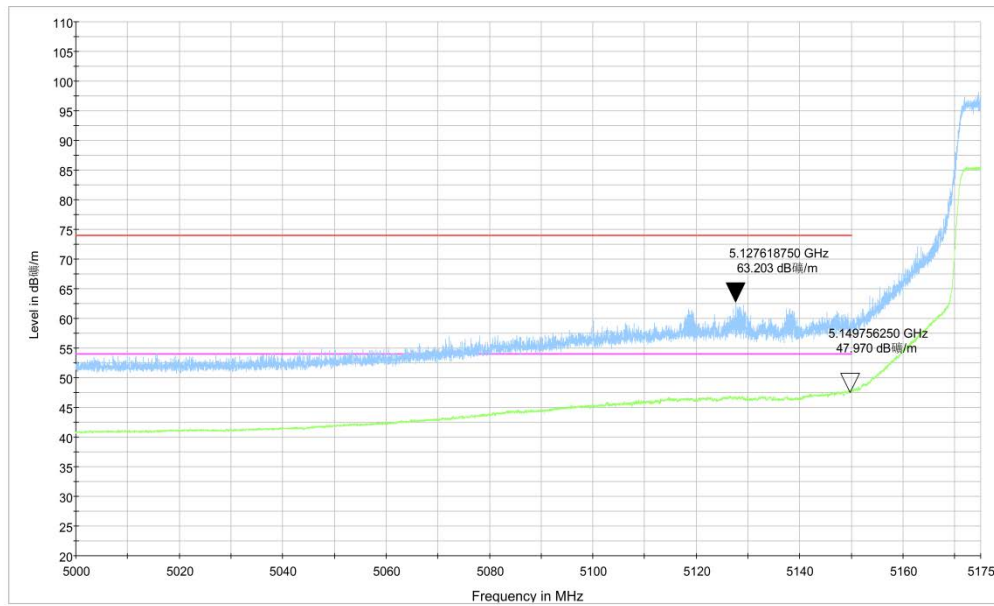


Fig.56 Band Edges (802.11ax-HT160, 5250MHz)

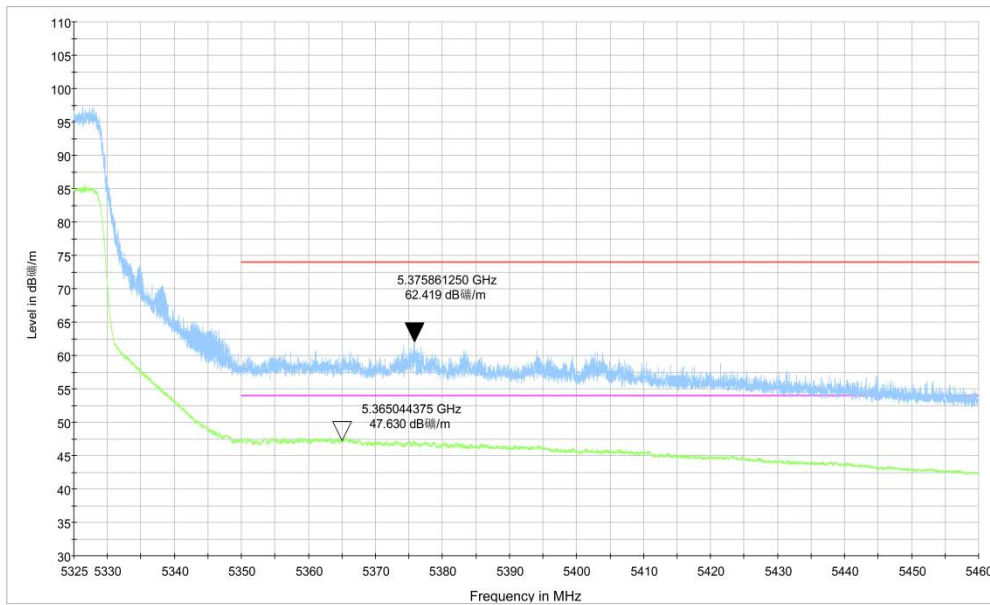


Fig.57 Band Edges (802.11ax-HT160, 5250MHz)

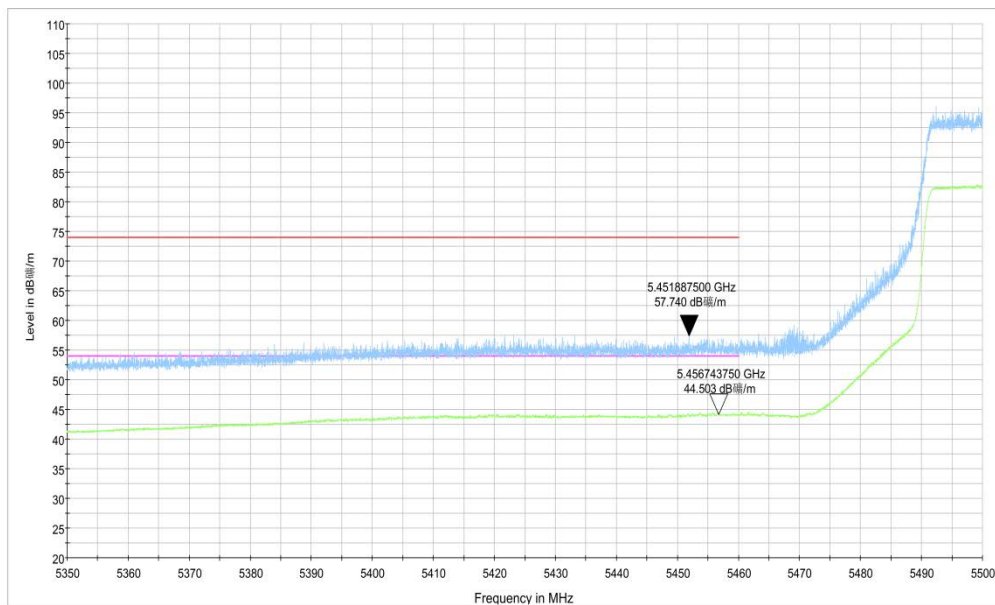


Fig.58 Band Edges (802.11ax-HT160, 5570MHz)

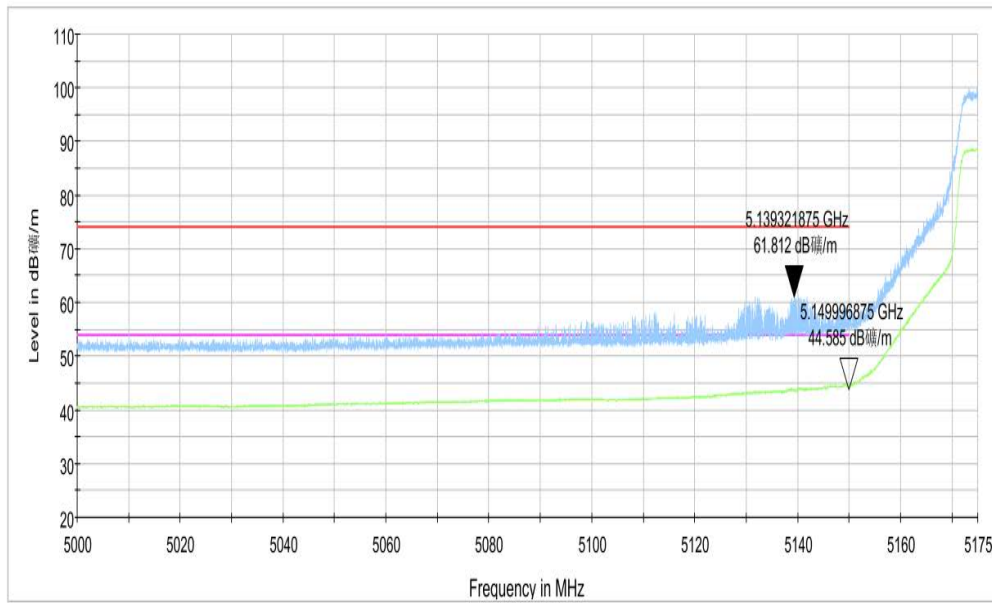


Fig.59 Band Edges (802.11ac-HT80, 5210MHz)

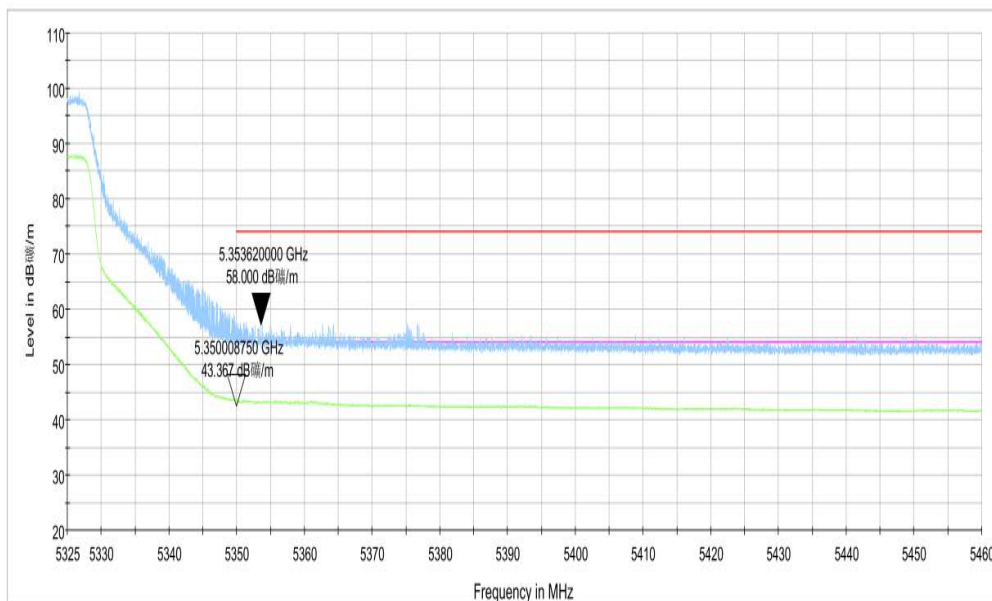


Fig.60 Band Edges (802.11ac-HT80, 5290MHz)

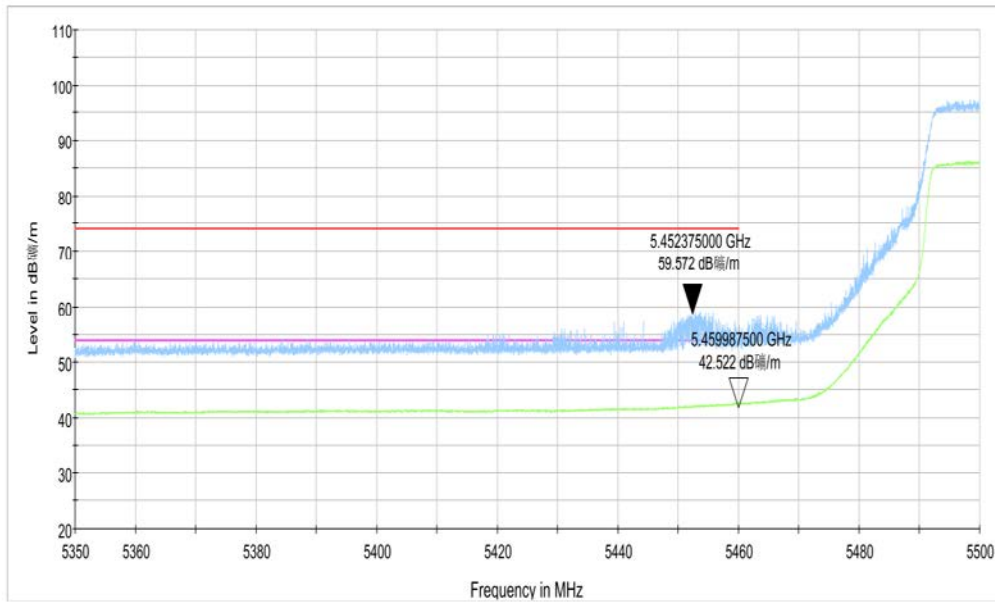


Fig.61 Band Edges (802.11ac-HT80, 5330MHz)

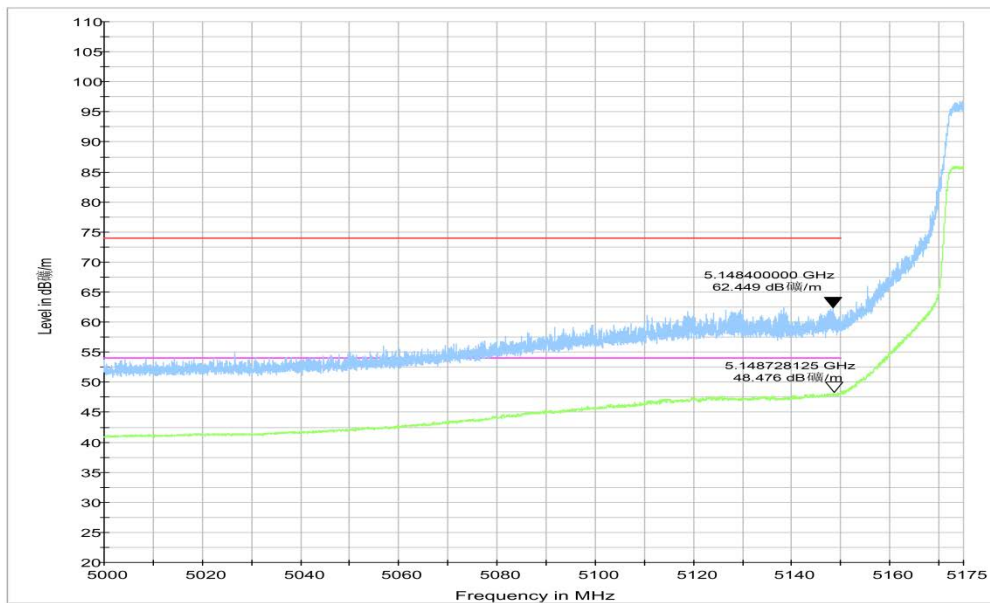


Fig.62 Band Edges (802.11ac-HT160, 5250MHz)

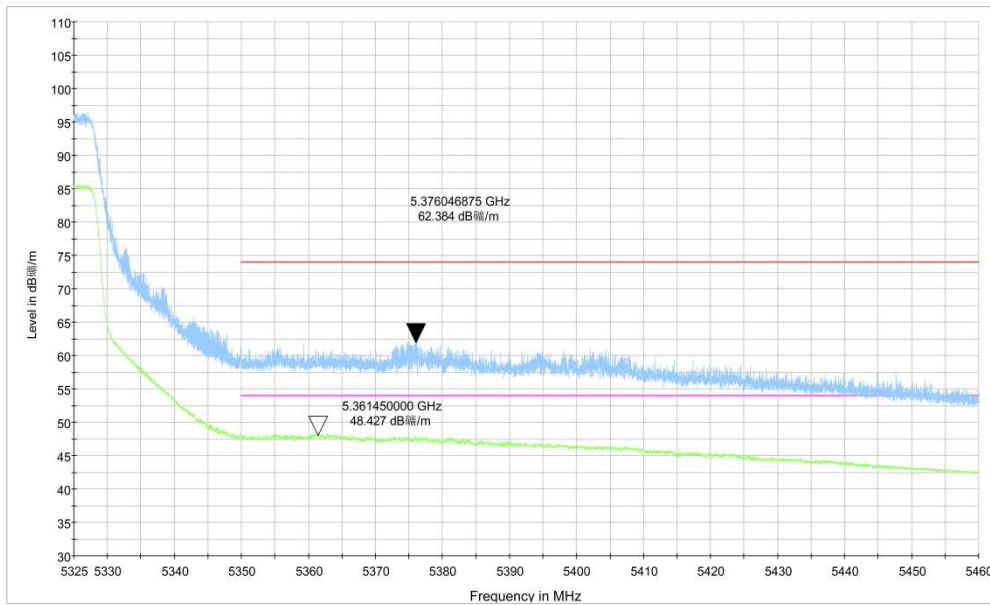


Fig.63 Band Edges (802.11ac-HT160, 5250MHz)

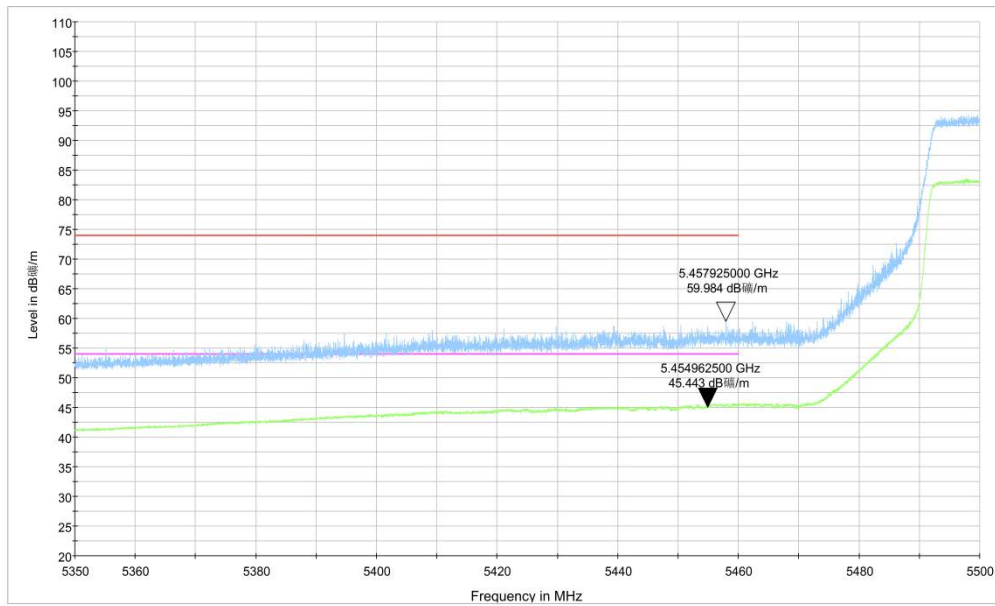


Fig.64 Band Edges (802.11ac-HT160, 5570MHz)

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.

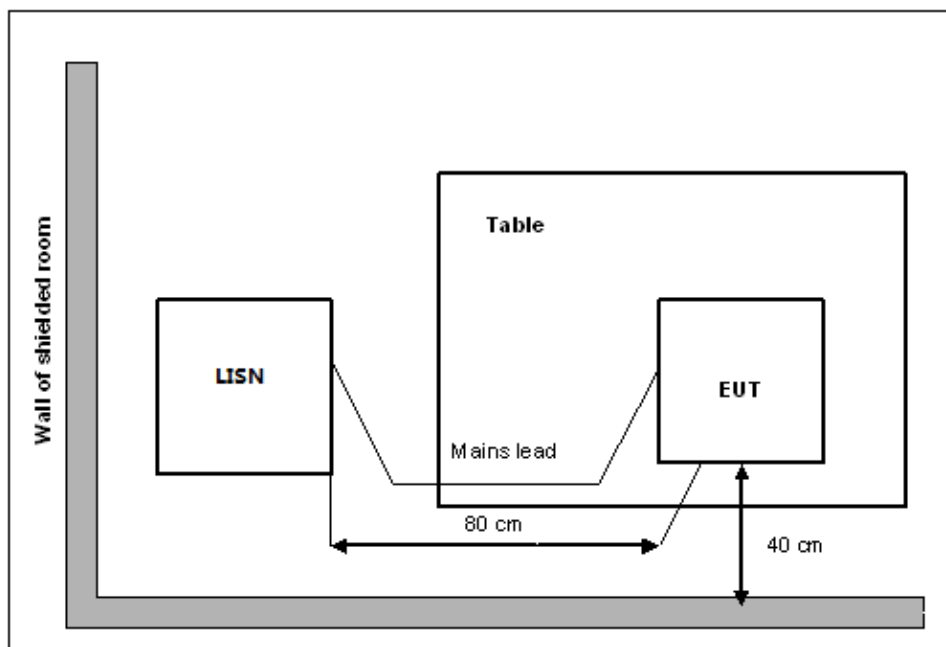
The measurement bandwidth is:

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 transmit state.

The EUT is powered by an 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:

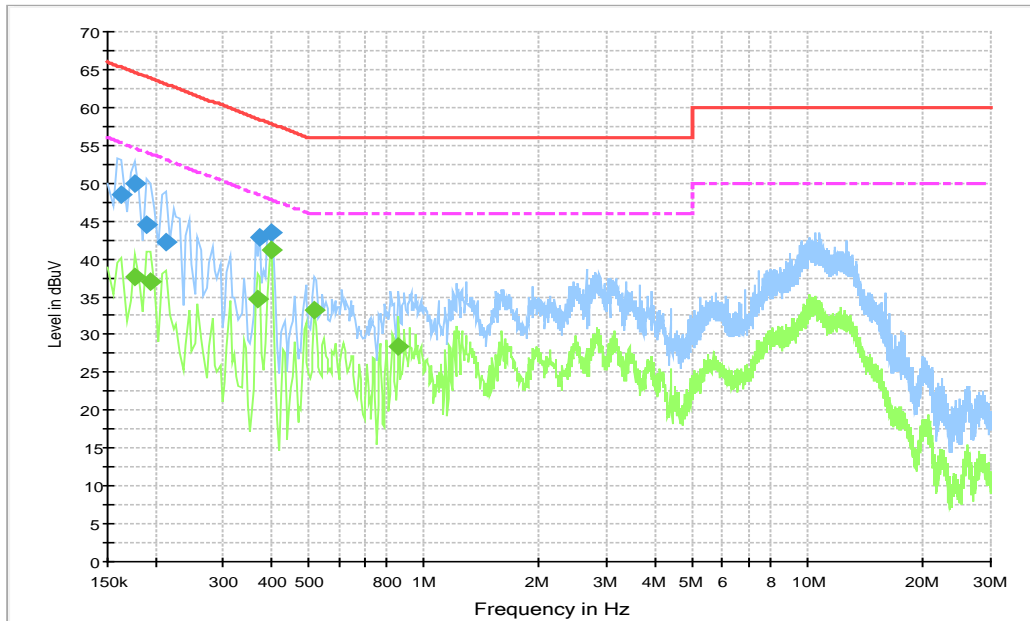


Fig.C.2.1 AC Powerline Conducted Emission-802.11b

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

Final Result 1

Frequency (MHz)	QuasiPeak (dB μ V)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.163500	48.4	1000.	9.000	L1	19.7	16.9	65.3
0.177000	49.9	1000.	9.000	L1	19.6	14.7	64.6
0.190500	44.6	1000.	9.000	L1	19.7	19.4	64.0
0.213000	42.3	1000.	9.000	N	19.7	20.8	63.1
0.375000	42.9	1000.	9.000	N	19.7	15.5	58.4
0.402000	43.5	1000.	9.000	L1	19.8	14.3	57.8

Final Result 2

Frequency (MHz)	Average (dB μ V)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dB μ V)
0.177000	37.7	1000.0	9.000	L1	19.6	16.9	54.6
0.195000	36.9	1000.0	9.000	L1	19.6	16.9	53.8
0.370500	34.7	1000.0	9.000	N	19.7	13.8	48.5
0.402000	41.2	1000.0	9.000	L1	19.8	6.6	47.8
0.519000	33.3	1000.0	9.000	L1	19.8	12.7	46.0
0.861000	28.5	1000.0	9.000	L1	19.7	17.5	46.0

Idle:

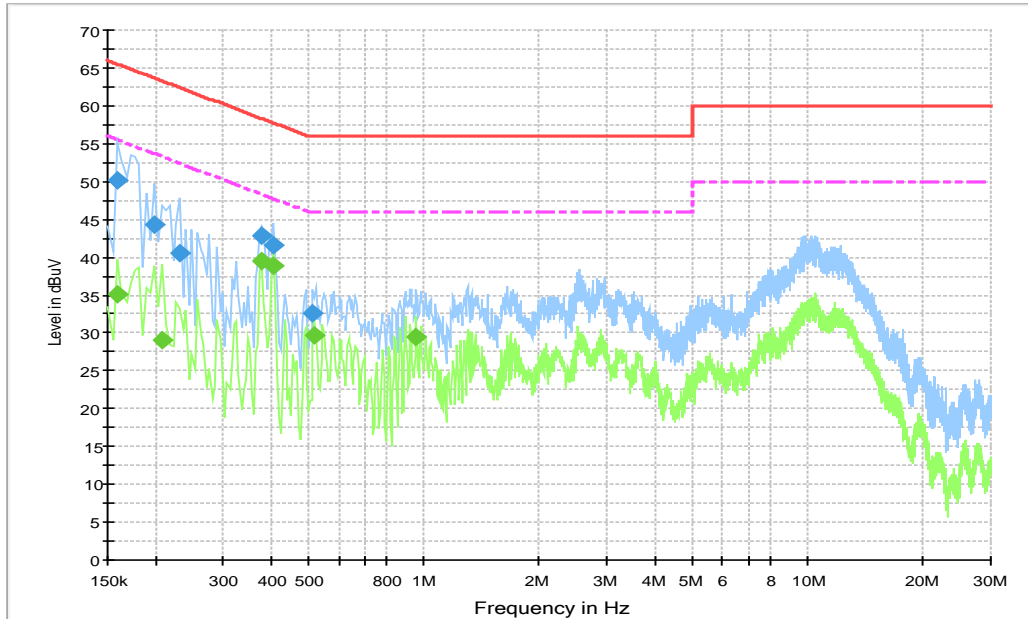


Fig.C.2.2 AC Powerline Conducted Emission-Idle

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)
0.159000	50.1	1000.	9.000	L1	19.7	15.5	65.5
0.199500	44.2	1000.	9.000	N	19.6	19.4	63.6
0.231000	40.5	1000.	9.000	N	19.7	21.9	62.4
0.379500	42.9	1000.	9.000	N	19.7	15.4	58.3
0.406500	41.6	1000.	9.000	L1	19.8	16.2	57.7
0.514500	32.5	1000.	9.000	L1	19.8	23.5	56.0

Final Result 2

Frequency (MHz)	Average (dBµV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.159000	35.1	1000.0	9.000	L1	19.7	20.4	55.5
0.208500	29.1	1000.0	9.000	L1	19.6	24.2	53.3
0.379500	39.5	1000.0	9.000	N	19.7	8.8	48.3
0.406500	38.8	1000.0	9.000	L1	19.8	8.9	47.7
0.519000	29.8	1000.0	9.000	L1	19.8	16.2	46.0
0.955500	29.5	1000.0	9.000	L1	19.7	16.5	46.0

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