



**FCC PART 15
ISED RSS-247
TEST REPORT
No. I21Z70032-EMC11**

for

Samsung Electronics Co., Ltd.

Notebook PC

NP750XDA

with

FCC ID: ZCANP750XDA

ISED Number: 25314-NP750XDA

Hardware Version: REV1.0

Software Version: Windows10-Pro

Issued Date: 2021-03-29

Note:

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

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

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REPORT HISTORY

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I21Z70032-EMC11	Rev.0	1st edition	2021-03-29

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1. TEST LATORATORY

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. TestingEnvironment

Normal Temperature: 15-35℃

Relative Humidity: 20-75%

1.4. Project date

Testing Start Date: 2021-02-05

Testing End Date: 2021-03-25

1.5. Signature



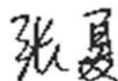
Li Yan

(Prepared this test report)



Zhang Ying

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Zhang Xia

Deputy Director of the laboratory

(Approved this test report)

2. CLIENT INFORMATION

2.1 Applicant Information

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2.2 Manufacturer Information

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Youngtong gu, Suwon city 443 742, Korea
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3. PRODUCT INFORMATION

3.1. About EUT

Description	Notebook PC
Model name	NP750XDA
FCC ID	ZCANP750XDA
ISED Number	25314-NP750XDA

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
UT12a	2170032UT12a	REV1.0	Windows10-Pro
UT33a	2170032UT33a	REV1.0	Windows10-Pro

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

3.3. Internal Identification of AE used during the test

AE ID*	Description		SN
AE1	AC Adapter	/	/
AE2	Travel Adapter	/	/
AE3	battery	/	/

AE1

Model	PD-65ABH
Manufacturer	Chicony Power Technology Co., Ltd.
Length of cable	/

AE2

Model	EP-TA865
Manufacturer	Dong Yang E & P Inc.
Length of cable	/

AE3

Model	AA-PBSN4AF
Manufacturer	SDI

*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 Model
Antenna	/	Inpaq	/
Antenna	/	Speed	/

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

Samples undergoing test were selected by the Client.

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.

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
ISED RSS - Gen	Spectrum Management and Telecommunications - Radio Standards Specification General Requirements and Information for the Certification of Radio communication Equipment	Issue 5 2019
ISED RSS-247	Digital Transmission Systems (DTSS), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices	Issue 2 2017
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	Sub-clause of ISED	Verdict
Radiated Spurious Emission	15.407, 15.205, 15.209	RSS-247 6.2 RSS-Gen 8.9,8.10	P
AC Power line Conducted Emission	15.407, 15.207	RSS-Gen 8.8	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	Vector Signal Analyzer	FSV40	101047	R&S	1 year	2021-05-18
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	2021-04-09
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 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

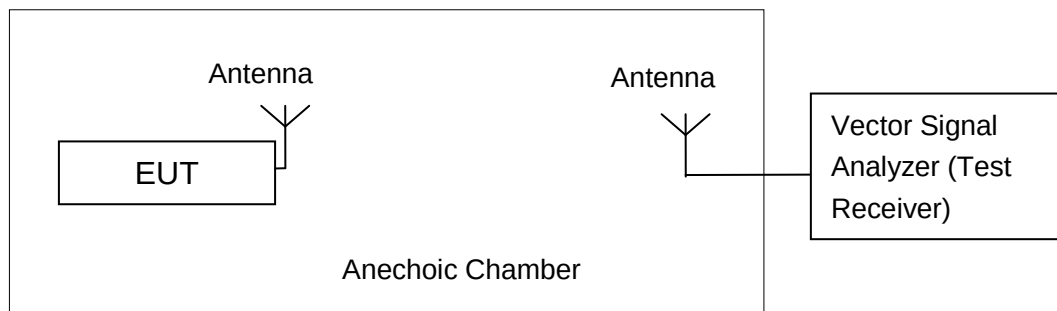
ISED RSS-247, Clause 6.2

ISED RSS-GEN, Clause 8.9, 8.10

Method of Measurement

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

The radiated emission test is performed in 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 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.



Note: Emission below 18GHz were measured at a 3 meter test distance while emission above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.

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

Test settings

Frequency of emission (MHz)	RBW/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 dBμV/m

D is the measurement distance in meters

EIRP is the equivalent isotropically radiated power in dbm

2. The measurement results are obtained as described below:

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

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

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

Test Notes

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

C.1.1 Radiated Spurious Emission- above 1GHz

Speed

Average Results:

802.11a

Channel 36

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)
5129.650	39.9	-23.3	34.3	28.93	54.0	14.1	V
5141.600	40.0	-23.3	34.3	29.04	54.0	14.0	V
12361.600	33.3	-27.9	38.9	22.26	54.0	20.7	H
15540.000	35.0	-24.5	40.1	19.36	54.0	19.0	H
17743.200	38.0	-22.3	41.6	18.71	54.0	16.0	H
17904.000	38.4	-22.6	41.5	19.46	54.0	15.6	V

Channel 40

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)
5140.050	38.7	-23.3	34.3	27.77	54.0	15.3	V
5358.050	38.8	-22.3	34.3	26.77	54.0	15.2	V
12367.200	33.3	-27.9	38.9	22.32	54.0	20.7	V
15600.000	35.0	-24.5	40.2	19.35	54.0	19.0	V
17755.200	38.0	-22.3	41.5	18.75	54.0	16.0	H
17904.000	38.2	-22.6	41.5	19.28	54.0	15.8	H

Channel 48

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)
5130.700	38.6	-23.3	34.3	27.71	54.0	15.4	V
5358.800	38.8	-22.3	34.3	26.77	54.0	15.2	V
12365.600	33.3	-27.9	38.9	22.34	54.0	20.7	H
15720.000	34.7	-24.4	40.4	18.72	54.0	19.3	H
17743.200	38.0	-22.3	41.6	18.74	54.0	16.0	H
17904.800	38.2	-22.6	41.5	19.32	54.0	15.8	H

Channel 52

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)
5150.000	38.1	-23.3	34.3	27.15	54.0	15.9	V
5351.650	39.1	-22.3	34.3	27.01	54.0	14.9	V
12374.400	33.5	-28.0	38.9	22.51	54.0	20.5	V
15780.000	34.8	-24.2	40.4	18.58	54.0	19.2	H
17736.800	38.1	-22.3	41.6	18.77	54.0	15.9	H
17916.800	38.3	-22.7	41.5	19.48	54.0	15.7	H

Channel 56

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)
5147.450	38.3	-23.3	34.3	27.35	54.0	15.7	V
5351.650	39.3	-22.3	34.3	27.26	54.0	14.7	V
12372.000	33.4	-28.0	38.9	22.48	54.0	20.6	V
15840.000	35.6	-24.1	40.5	19.17	54.0	18.4	H
17736.800	38.1	-22.3	41.6	18.77	54.0	15.9	H
17904.000	38.4	-22.6	41.5	19.46	54.0	15.6	H

Channel 64

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)
5350.000	39.4	-22.3	34.3	27.36	54.0	14.6	V
5356.750	39.0	-22.3	34.3	26.91	54.0	15.0	V
10640.000	30.6	-29.3	37.9	22.06	54.0	23.4	V
15960.000	35.6	-23.8	40.7	18.75	54.0	18.4	H
17750.400	38.0	-22.3	41.5	18.75	54.0	16.0	V
17916.800	38.3	-22.7	41.5	19.47	54.0	15.7	V

Channel 100

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)
5450.450	38.4	-22.7	34.4	26.73	54.0	15.6	V
5455.700	38.4	-22.7	34.4	26.69	54.0	15.6	V
11000.000	31.5	-29.9	38.0	23.38	54.0	22.5	H
16500.000	36.4	-23.2	41.5	18.06	54.0	17.6	H
17743.200	37.7	-22.3	41.6	18.41	54.0	16.3	V
17919.200	38.0	-22.7	41.5	19.12	54.0	16.0	H

Channel 120

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)
5446.050	38.2	-22.7	34.4	26.49	54.0	15.8	V
5457.350	38.2	-22.7	34.4	26.50	54.0	15.8	V
11200.000	31.0	-30.4	38.1	23.34	54.0	23.0	H
16168.800	36.0	-23.3	41.0	18.34	54.0	18.0	H
16800.000	36.8	-23.0	41.9	17.85	54.0	17.2	V
17916.800	38.0	-22.7	41.5	19.15	54.0	16.0	H

Channel 140

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)
5391.200	38.4	-22.3	34.4	26.37	54.0	15.6	V
5422.050	38.1	-22.5	34.4	26.22	54.0	15.9	V
11400.000	31.7	-29.7	38.2	23.30	54.0	22.3	V
17100.000	37.2	-23.0	42.1	18.17	54.0	16.8	V
17819.000	37.5	-22.5	41.5	18.41	54.0	16.5	H
17932.800	38.0	-22.7	41.5	19.19	54.0	16.0	H

Channel 144

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)
5356.200	38.7	-22.3	34.3	26.63	54.0	15.3	V
5387.900	38.5	-22.3	34.4	26.40	54.0	15.5	V
11440.000	31.8	-29.5	38.2	23.13	54.0	22.2	V
16155.200	36.2	-23.3	41.0	18.58	54.0	17.8	V
17160.000	37.2	-23.0	42.0	18.20	54.0	16.8	V
17913.600	38.1	-22.6	41.5	19.27	54.0	15.9	H

802.11n-HT20

Channel 36

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)
5135.900	39.7	-23.3	34.3	28.73	54.0	14.3	V
5144.300	39.9	-23.3	34.3	28.92	54.0	14.1	V
12375.200	33.5	-28.0	38.9	22.50	54.0	20.5	V
15540.000	34.9	-24.5	40.1	19.23	54.0	19.1	H
17750.400	37.9	-22.3	41.5	18.69	54.0	16.1	V
17913.600	38.3	-22.6	41.5	19.47	54.0	15.7	V

Channel 40

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)
5143.550	36.6	-23.3	34.3	25.65	54.0	17.4	V
5355.700	40.2	-22.3	34.3	28.19	54.0	13.8	V
12368.800	33.3	-27.9	38.9	22.35	54.0	20.7	V
15600.000	35.0	-24.5	40.2	19.29	54.0	19.0	V
17747.200	38.0	-22.3	41.6	18.72	54.0	16.0	H
17910.400	38.2	-22.6	41.5	19.33	54.0	15.8	V

Channel 48

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)
5139.100	39.6	-23.3	34.3	28.64	54.0	14.4	V
5372.300	40.1	-22.3	34.4	28.06	54.0	13.9	V
12360.000	33.2	-27.9	38.9	22.19	54.0	20.8	V
15720.000	34.8	-24.4	40.4	18.74	54.0	19.2	V
17755.200	37.8	-22.3	41.5	18.60	54.0	16.2	V
17904.800	38.2	-22.6	41.5	19.32	54.0	15.8	V

Channel 52

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)
5148.650	39.2	-23.3	34.3	28.17	54.0	14.8	V
5353.550	40.3	-22.3	34.3	28.21	54.0	13.7	V
12370.400	33.5	-27.9	38.9	22.48	54.0	20.5	V
15780.000	34.9	-24.2	40.4	18.66	54.0	19.1	H
17712.000	38.0	-22.2	41.6	18.68	54.0	16.0	H
17916.800	38.3	-22.7	41.5	19.45	54.0	15.7	V

Channel 56

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)
5149.150	39.2	-23.3	34.3	28.18	54.0	14.8	V
5350.950	40.5	-22.3	34.3	28.46	54.0	13.5	V
12364.800	33.4	-27.9	38.9	22.44	54.0	20.6	V
15840.000	35.6	-24.1	40.5	19.11	54.0	18.4	H
17762.400	37.8	-22.3	41.5	18.60	54.0	16.2	H
17901.600	38.3	-22.6	41.5	19.41	54.0	15.7	V

Channel 64

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)
5350.000	42.1	-22.3	34.3	30.01	54.0	11.9	V
5350.650	42.0	-22.3	34.3	29.90	54.0	12.0	V
10640.000	30.6	-29.3	37.9	22.09	54.0	23.4	H
15960.000	35.7	-23.8	40.7	18.83	54.0	18.3	H
17743.200	38.0	-22.3	41.6	18.78	54.0	16.0	V
17906.400	38.4	-22.6	41.5	19.48	54.0	15.6	H

Channel 100

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)
5458.650	40.5	-22.7	34.4	28.85	54.0	13.5	V
5459.900	40.5	-22.7	34.4	28.79	54.0	13.5	V
11000.000	31.7	-29.9	38.0	23.53	54.0	22.3	V
16500.000	36.3	-23.2	41.5	17.99	54.0	17.7	H
17735.200	37.8	-22.3	41.6	18.50	54.0	16.2	V
17899.200	38.0	-22.6	41.5	19.09	54.0	16.0	H

Channel 120

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)
5459.150	40.1	-22.7	34.4	28.38	54.0	13.9	V
5460.000	40.0	-22.7	34.4	28.29	54.0	14.0	V
11200.000	31.0	-30.4	38.1	23.39	54.0	23.0	V
16800.000	36.8	-23.0	41.9	17.91	54.0	17.2	H
17755.200	37.7	-22.3	41.5	18.50	54.0	16.3	H
17720.000	37.7	-22.2	41.6	18.34	54.0	16.3	H

Channel 140

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)
5458.600	39.8	-22.7	34.4	28.09	54.0	14.2	V
5459.900	39.8	-22.7	34.4	28.10	54.0	14.2	V
11400.000	31.8	-29.7	38.2	23.36	54.0	22.2	V
17100.000	37.2	-23.0	42.1	18.16	54.0	16.8	V
17929.600	38.0	-22.7	41.5	19.16	54.0	16.0	H
17916.000	37.1	-22.7	41.5	18.28	54.0	16.9	V

Channel 144

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)
5451.500	39.8	-22.7	34.4	28.07	54.0	14.3	V
5456.300	39.9	-22.7	34.4	28.21	54.0	14.1	V
11440.000	31.8	-29.5	38.2	23.07	54.0	22.2	H
16184.000	36.1	-23.3	41.0	18.37	54.0	17.9	V
17160.000	37.2	-23.0	42.0	18.13	54.0	16.8	V
17902.400	38.1	-22.6	41.5	19.22	54.0	15.9	V

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Channel 38

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)
5147.050	42.3	-23.3	34.3	31.31	54.0	11.7	V
5150.000	43.1	-23.3	34.3	32.06	54.0	10.9	V
12366.400	33.4	-27.9	38.9	22.36	54.0	20.7	H
15570.400	35.2	-24.5	40.2	19.48	54.0	18.8	V
17753.600	38.0	-22.3	41.5	18.75	54.0	16.0	V
17911.200	38.3	-22.6	41.5	19.45	54.0	15.7	V

Channel 46

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)
5149.900	39.5	-23.3	34.3	28.48	54.0	14.5	V
5352.050	40.5	-22.3	34.3	28.46	54.0	13.5	V
12372.800	33.4	-28.0	38.9	22.48	54.0	20.6	V
15690.400	35.0	-24.4	40.3	19.14	54.0	19.0	H
17756.000	37.8	-22.3	41.5	18.60	54.0	16.2	V
17898.400	38.2	-22.6	41.5	19.27	54.0	15.8	H

Channel 54

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)
5144.150	39.5	-23.3	34.3	28.56	54.0	14.5	V
5353.350	41.1	-22.3	34.3	29.06	54.0	12.9	V
12372.800	33.4	-28.0	38.9	22.47	54.0	20.6	V
15810.400	35.4	-24.1	40.5	19.06	54.0	18.6	V
17743.200	38.0	-22.3	41.6	18.71	54.0	16.0	V
17914.400	38.3	-22.6	41.5	19.48	54.0	15.7	V

Channel 62

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)
5350.100	47.7	-22.3	34.3	35.64	54.0	6.3	V
5350.250	47.6	-22.3	34.3	35.58	54.0	6.4	V
10620.000	30.9	-29.2	37.8	22.28	54.0	23.1	V
15930.400	35.6	-23.9	40.6	18.85	54.0	18.4	V
17755.200	37.8	-22.3	41.5	18.60	54.0	16.2	H
17903.200	38.3	-22.6	41.5	19.42	54.0	15.7	V

Channel 102

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)
5458.350	41.5	-22.7	34.4	29.83	48.3	6.8	V
5459.850	41.7	-22.7	34.4	30.01	48.3	6.6	V
11020.000	31.8	-29.8	38.0	23.60	48.3	16.5	V
16530.400	36.2	-23.2	41.5	17.83	48.3	12.1	V
17755.200	37.5	-22.3	41.5	18.30	48.3	10.8	H
17931.200	38.0	-22.7	41.5	19.16	48.3	10.3	H

Channel 118

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)
5437.950	39.2	-22.6	34.4	27.40	54.0	14.8	V
5454.000	39.0	-22.7	34.4	27.36	54.0	15.0	V
11180.000	31.3	-30.4	38.1	23.65	54.0	22.7	V
16770.400	36.8	-23.0	41.9	17.88	54.0	17.2	V
17830.400	37.7	-22.5	41.5	18.65	54.0	16.3	H
17949.600	37.8	-22.7	41.5	19.04	54.0	16.2	H

Channel 134

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)
5432.550	40.2	-22.6	34.4	28.35	54.0	13.8	V
5451.550	40.1	-22.7	34.4	28.39	54.0	13.9	V
11340.000	31.8	-30.0	38.1	23.65	54.0	22.2	H
17010.400	37.2	-23.0	42.2	18.06	54.0	16.8	V
17749.600	37.8	-22.3	41.5	18.52	54.0	16.2	H
17902.400	38.0	-22.6	41.5	19.09	54.0	16.0	H

Channel 142

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)
5407.700	40.1	-22.4	34.4	28.15	54.0	13.9	V
5427.700	40.0	-22.5	34.4	28.20	54.0	14.0	V
11420.000	32.0	-29.6	38.2	23.39	54.0	22.0	V
16159.200	36.2	-23.3	41.0	18.49	54.0	17.8	V
17129.600	37.2	-23.0	42.0	18.15	54.0	16.8	V
17920.000	38.1	-22.7	41.5	19.27	54.0	15.9	H

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Channel 36

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)
5105.300	39.5	-23.4	34.2	28.66	54.0	14.5	V
5135.750	39.9	-23.3	34.3	28.99	54.0	14.1	V
12363.200	33.3	-27.9	38.9	22.27	54.0	20.7	H
15540.000	35.0	-24.5	40.1	19.34	54.0	19.0	V
17749.600	38.0	-22.3	41.5	18.74	54.0	16.0	H
17904.000	38.2	-22.6	41.5	19.32	54.0	15.8	H

Channel 40

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)
5142.000	39.8	-23.3	34.3	28.88	54.0	14.2	V
5355.300	40.6	-22.3	34.3	28.56	54.0	13.4	V
12372.800	33.4	-28.0	38.9	22.42	54.0	20.6	H
15600.000	35.1	-24.5	40.2	19.35	54.0	18.9	V
17743.200	38.0	-22.3	41.6	18.74	54.0	16.0	V
17916.800	38.3	-22.7	41.5	19.45	54.0	15.7	H

Channel 48

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)
5138.700	39.9	-23.3	34.3	28.97	54.0	14.1	V
5358.400	40.5	-22.3	34.3	28.42	54.0	13.5	V
12358.400	33.4	-27.9	38.9	22.33	54.0	20.6	H
15720.000	34.7	-24.4	40.4	18.73	54.0	19.3	H
17751.200	38.0	-22.3	41.5	18.77	54.0	16.0	V
17908.800	38.3	-22.6	41.5	19.44	54.0	15.7	H

Channel 52

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)
5148.800	39.4	-23.3	34.3	28.39	54.0	14.6	V
5350.900	40.6	-22.3	34.3	28.57	54.0	13.4	V
12366.400	33.3	-27.9	38.9	22.31	54.0	20.7	H
15780.000	34.9	-24.2	40.4	18.63	54.0	19.1	V
17752.000	38.0	-22.3	41.5	18.75	54.0	16.0	H
17912.800	38.3	-22.6	41.5	19.45	54.0	15.7	H

Channel 56

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)
5149.400	39.4	-23.3	34.3	28.45	54.0	14.6	V
5350.900	40.7	-22.3	34.3	28.65	54.0	13.3	V
12361.600	33.3	-27.9	38.9	22.30	54.0	20.7	H
15840.000	35.7	-24.1	40.5	19.23	54.0	18.3	V
17761.600	37.8	-22.3	41.5	18.62	54.0	16.2	H
17904.800	38.3	-22.6	41.5	19.41	54.0	15.7	V

Channel 64

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)
5350.050	42.1	-22.3	34.3	30.03	54.0	11.9	V
5351.400	41.9	-22.3	34.3	29.90	54.0	12.1	V
10640.000	30.6	-29.3	37.9	22.08	54.0	23.4	V
15960.000	35.6	-23.8	40.7	18.81	54.0	18.4	H
17756.000	38.0	-22.3	41.5	18.75	54.0	16.0	H
17902.400	38.4	-22.6	41.5	19.46	54.0	15.6	H

Channel 100

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)
5433.300	40.3	-22.6	34.4	28.54	54.0	13.7	V
5452.300	40.2	-22.7	34.4	28.52	54.0	13.8	V
11000.000	31.5	-29.9	38.0	23.41	54.0	22.5	V
16500.000	36.3	-23.2	41.5	17.94	54.0	17.7	H
17737.600	37.8	-22.3	41.6	18.51	54.0	16.2	V
17934.400	38.0	-22.7	41.5	19.16	54.0	16.0	V

Channel 120

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)
5417.400	40.2	-22.5	34.4	28.29	54.0	13.8	V
5450.350	39.8	-22.7	34.4	28.17	54.0	14.2	V
11200.000	31.0	-30.4	38.1	23.34	54.0	23.0	H
16800.000	36.7	-23.0	41.9	17.77	54.0	17.3	H
17832.800	37.7	-22.5	41.5	18.64	54.0	16.3	V
17902.400	38.0	-22.6	41.5	19.12	54.0	16.0	H

Channel 140

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)
5389.150	40.1	-22.3	34.4	28.07	48.3	8.2	V
5400.600	40.0	-22.3	34.4	27.96	48.3	8.3	V
11400.000	31.7	-29.7	38.2	23.27	48.3	16.6	H
16149.600	36.0	-23.3	40.9	18.37	48.3	12.3	H
17100.000	37.1	-23.0	42.1	18.10	48.3	11.2	V
17916.000	38.1	-22.7	41.5	19.21	48.3	10.2	H

Channel 144

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)
5375.500	40.1	-22.3	34.4	28.03	54.0	13.9	V
5390.700	40.2	-22.3	34.4	28.09	54.0	13.8	V
11440.000	31.8	-29.5	38.2	23.05	54.0	22.2	V
16142.400	36.4	-23.3	40.9	18.76	54.0	17.6	V
17160.000	37.3	-23.0	42.0	18.24	54.0	16.7	H
17898.400	38.2	-22.6	41.5	19.31	54.0	15.8	V

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Channel 38

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)
5149.850	42.1	-23.3	34.3	31.09	54.0	11.9	V
5149.950	42.1	-23.3	34.3	31.10	54.0	11.9	V
12360.000	33.3	-27.9	38.9	22.28	54.0	20.7	H
15570.400	35.2	-24.5	40.2	19.47	54.0	18.9	H
17765.600	37.9	-22.3	41.5	18.63	54.0	16.2	H
17904.000	38.2	-22.6	41.5	19.34	54.0	15.8	H

Channel 46

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)
5146.550	39.9	-23.3	34.3	28.93	54.0	14.1	V
5355.250	40.9	-22.3	34.3	28.83	54.0	13.1	V
12372.800	33.5	-28.0	38.9	22.51	54.0	20.5	H
15690.400	35.1	-24.4	40.3	19.23	54.0	18.9	H
17762.400	37.9	-22.3	41.5	18.67	54.0	16.1	V
17913.600	38.4	-22.6	41.5	19.50	54.0	15.6	H

Channel 54

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)
5143.100	39.4	-23.3	34.3	28.44	54.0	14.6	V
5354.350	41.0	-22.3	34.3	28.97	54.0	13.0	V
12366.400	33.4	-27.9	38.9	22.38	54.0	20.6	H
15810.400	35.4	-24.1	40.5	19.01	54.0	18.6	V
17750.400	38.0	-22.3	41.5	18.77	54.0	16.0	V
17910.400	38.3	-22.6	41.5	19.45	54.0	15.7	H

Channel 62

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)
5350.050	44.6	-22.3	34.3	32.59	54.0	9.4	V
5350.100	44.6	-22.3	34.3	32.53	54.0	9.4	V
10620.000	31.0	-29.2	37.8	22.35	54.0	23.0	V
15930.400	35.5	-23.9	40.6	18.72	54.0	18.5	V
17764.000	37.8	-22.3	41.5	18.61	54.0	16.2	V
17914.400	38.4	-22.6	41.5	19.49	54.0	15.6	V

Channel 102

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)
5457.150	41.5	-22.7	34.4	29.80	54.0	12.5	V
5459.900	41.9	-22.7	34.4	30.19	54.0	12.1	V
11020.000	31.8	-29.8	38.0	23.62	54.0	22.2	H
16142.400	36.2	-23.3	40.9	18.62	54.0	17.8	V
16530.400	36.3	-23.2	41.5	17.92	54.0	17.7	V
17927.200	38.0	-22.7	41.5	19.21	54.0	16.0	H

Channel 118

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)
5393.950	39.3	-22.3	34.4	27.21	48.3	9.0	V
5403.300	39.3	-22.3	34.4	27.26	48.3	9.0	V
11180.000	31.3	-30.4	38.1	23.65	48.3	17.0	V
16770.400	36.8	-23.0	41.9	17.89	48.3	11.5	H
17716.000	37.7	-22.2	41.6	18.40	48.3	10.6	V
17831.200	37.7	-22.5	41.5	18.65	48.3	10.6	H

Channel 134

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)
5423.200	38.4	-22.5	34.4	26.48	54.0	15.6	V
5448.100	38.3	-22.7	34.4	26.64	54.0	15.7	V
11380.000	31.8	-29.8	38.2	23.54	54.0	22.2	V
17070.400	37.3	-23.0	42.1	18.25	54.0	16.7	V
17744.800	37.8	-22.3	41.6	18.51	54.0	16.2	H
17914.400	38.1	-22.6	41.5	19.19	54.0	15.9	V

Channel 142

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)
5422.850	38.4	-22.5	34.4	26.51	54.0	15.6	V
5448.450	38.5	-22.7	34.4	26.78	54.0	15.5	V
11420.000	32.1	-29.6	38.2	23.51	54.0	21.9	H
16159.200	36.4	-23.3	41.0	18.70	54.0	17.6	V
17129.600	37.2	-23.0	42.0	18.16	54.0	16.8	V
17928.800	38.2	-22.7	41.5	19.33	54.0	15.8	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)
5149.200	43.3	-23.3	34.3	32.29	54.0	10.7	V
5149.600	43.4	-23.3	34.3	32.30	54.0	10.6	V
12372.800	33.6	-28.0	39.0	22.56	54.0	20.4	V
15630.400	35.2	-24.5	40.4	19.40	54.0	18.8	H
17749.600	38.0	-22.3	41.3	19.04	54.0	16.0	V
17916.800	38.2	-22.7	41.3	19.61	54.0	15.8	H

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)
5352.000	45.0	-22.3	34.5	32.80	54.0	9.0	V
5357.200	44.8	-22.3	34.5	32.58	54.0	9.2	V
12366.400	33.3	-27.9	39.0	22.28	54.0	20.7	H
15870.400	35.3	-24.0	40.6	18.69	54.0	18.7	H
17744.000	37.9	-22.3	41.2	18.89	54.0	16.1	H
17910.400	38.2	-22.6	41.3	19.51	54.0	15.8	V

Channel 106

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)
5458.400	41.6	-22.7	34.6	29.68	54.0	12.4	V
5460.000	41.6	-22.7	34.6	29.69	54.0	12.4	V
11060.000	30.2	-29.9	38.0	22.09	54.0	23.8	H
16157.600	35.4	-23.3	41.0	17.70	54.0	18.6	V
16590.400	35.7	-23.3	41.5	17.60	54.0	18.3	H
17916.800	37.2	-22.7	41.3	18.60	54.0	16.8	V

Channel 138

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)
5354.400	39.3	-22.3	34.5	27.12	54.0	14.7	V
5396.400	39.4	-22.3	34.5	27.14	54.0	14.6	V
11380.000	30.6	-29.8	38.4	22.12	54.0	23.4	V
16144.800	35.4	-23.3	41.0	17.75	54.0	18.6	H
17070.400	36.5	-23.0	41.6	17.92	54.0	17.5	V
17908.800	37.4	-22.6	41.3	18.76	54.0	16.6	V

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Channel 50

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)
5148.800	48.9	-23.3	34.3	37.81	54.0	5.1	V
5149.200	48.9	-23.3	34.3	37.86	54.0	5.1	V
12366.400	33.3	-27.9	39.0	22.24	54.0	20.7	V
15750.400	35.2	-24.3	40.5	19.01	54.0	18.8	V
17743.200	37.9	-22.3	41.2	18.96	54.0	16.1	H
17910.400	38.2	-22.6	41.3	19.55	54.0	15.8	V

Channel 114

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)
5457.600	47.0	-22.7	34.6	35.15	54.0	7.0	V
5459.200	47.1	-22.7	34.6	35.23	54.0	6.9	V
11140.000	31.3	-30.4	38.1	23.64	54.0	22.7	H
16710.400	36.6	-23.1	41.5	18.16	54.0	17.4	V
17828.800	37.8	-22.5	41.3	19.04	54.0	16.2	V
17913.600	38.2	-22.6	41.3	19.54	54.0	15.8	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)
5149.200	43.9	-23.3	34.3	32.81	54.0	10.1	V
5150.000	43.8	-23.3	34.3	32.78	54.0	10.2	V
12363.200	33.3	-27.9	39.0	22.25	54.0	20.7	H
15630.400	35.1	-24.5	40.4	19.30	54.0	18.9	V
17736.800	38.0	-22.3	41.2	18.97	54.0	16.0	H
17907.200	38.2	-22.6	41.3	19.51	54.0	15.8	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)
5350.000	46.1	-22.3	34.5	33.93	54.0	7.9	V
5355.200	45.9	-22.3	34.5	33.73	54.0	8.1	V
12372.800	33.3	-28.0	39.0	22.31	54.0	20.7	V
15870.400	35.4	-24.0	40.6	18.74	54.0	18.6	V
17752.000	38.0	-22.3	41.3	19.03	54.0	16.0	H
17910.400	38.2	-22.6	41.3	19.53	54.0	15.8	H

Channel 106

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)
5353.200	38.8	-22.3	34.5	26.65	54.0	15.2	V
5361.200	38.8	-22.3	34.5	26.63	54.0	15.2	V
11060.000	31.0	-29.9	38.0	22.92	54.0	23.0	V
16180.000	35.7	-23.3	41.0	17.97	54.0	18.3	V
16590.400	36.2	-23.3	41.5	18.06	54.0	17.8	V
17836.000	37.5	-22.5	41.3	18.75	54.0	16.5	V

Channel 138

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)
5384.800	39.3	-22.3	34.5	27.07	54.0	14.7	V
5450.400	39.0	-22.7	34.6	27.18	54.0	15.0	V
11380.000	31.3	-29.8	38.4	22.74	54.0	22.7	H
16057.600	35.7	-23.5	40.9	18.38	54.0	18.3	H
17070.400	37.1	-23.0	41.6	18.49	54.0	16.9	H
17948.800	37.6	-22.7	41.3	18.99	54.0	16.4	V

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Channel 50

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)
5148.800	49.0	-23.3	34.3	37.95	54.0	5.0	V
5150.000	49.1	-23.3	34.3	38.05	54.0	4.9	V
12366.400	33.2	-27.9	39.0	22.19	54.0	20.8	H
15750.400	35.2	-24.3	40.5	19.00	54.0	18.8	H
17737.600	38.0	-22.3	41.2	19.04	54.0	16.0	V
17910.400	38.3	-22.6	41.3	19.63	54.0	15.7	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)
5457.600	47.0	-22.7	34.6	35.15	54.0	7.0	V
5459.200	47.1	-22.7	34.6	35.23	54.0	6.9	V
11140.000	31.3	-30.4	38.1	23.64	54.0	22.7	H
16710.400	36.6	-23.1	41.5	18.16	54.0	17.4	V
17828.800	37.8	-22.5	41.3	19.04	54.0	16.2	V
17913.600	38.2	-22.6	41.3	19.54	54.0	15.8	V

PEAK Results:

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Channel 36

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)
5117.950	53.9	-23.4	34.2	43.03	74.0	20.1	V
5139.510	53.6	-23.3	34.3	42.59	74.0	20.4	H
10359.950	46.9	-29.7	37.6	38.91	68.3	21.4	V
15539.850	51.1	-24.5	40.1	35.48	74.0	22.9	V
16797.150	56.8	-23.0	41.9	37.92	68.3	11.5	V
17293.800	57.0	-22.8	41.8	37.91	68.3	11.3	V

Channel 40

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)
5102.000	52.6	-23.4	34.2	41.77	68.3	15.7	H
5326.800	54.4	-22.4	34.3	42.53	68.3	13.9	H
10400.100	44.7	-29.3	37.7	36.28	68.3	23.6	V
15599.800	50.4	-24.5	40.2	34.66	74.0	23.6	H
16895.050	56.4	-23.0	42.1	37.36	68.3	11.9	H
17061.700	56.5	-23.0	42.1	37.38	68.3	11.8	H

Channel 48

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)
5095.000	53.1	-23.5	34.2	42.32	74.0	20.9	V
5394.200	53.8	-22.3	34.4	41.72	74.0	20.2	H
10479.850	43.7	-29.6	37.8	35.45	68.3	24.6	V
15720.250	51.5	-24.4	40.4	35.49	74.0	22.5	H
16902.750	57.2	-23.0	42.1	38.15	68.3	11.1	V
17682.650	57.6	-22.1	41.6	38.13	68.3	10.7	V

Channel 52

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)
5222.200	53.4	-23.3	34.3	42.42	74.0	20.6	H
5328.000	54.1	-22.4	34.3	42.19	74.0	19.9	H
10520.000	45.1	-29.6	37.8	36.89	68.3	23.2	V
15780.200	51.7	-24.2	40.4	35.49	74.0	22.3	V
16948.950	56.3	-23.0	42.1	37.22	68.3	12.0	H
17098.000	56.5	-23.0	42.1	37.42	68.3	11.8	V

Channel 56

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)
5248.200	53.1	-23.3	34.3	42.07	68.3	15.2	H
5320.800	54.1	-22.5	34.3	42.27	68.3	14.2	V
10560.150	44.3	-29.4	37.8	35.94	68.3	24.0	H
15840.150	52.6	-24.1	40.5	36.11	74.0	21.4	H
16974.800	56.6	-23.0	42.2	37.41	68.3	11.7	V
17517.100	56.7	-22.8	41.6	37.91	68.3	11.6	H

Channel 64

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)
5350.799	53.7	-22.3	34.3	41.70	74.0	20.3	V
5351.717	53.8	-22.3	34.3	41.70	74.0	20.2	H
10639.900	44.3	-29.3	37.9	35.74	74.0	29.7	V
15960.050	53.1	-23.8	40.7	36.31	74.0	20.9	V
16900.550	56.6	-23.0	42.1	37.50	68.3	11.7	H
17374.100	57.3	-23.0	41.7	38.51	68.3	11.0	H

Channel 100

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)
5383.300	54.8	-22.3	34.4	42.68	74.0	19.2	V
5433.220	54.4	-22.6	34.4	42.64	74.0	19.6	V
11000.150	45.3	-29.9	38.0	37.20	74.0	28.7	V
16500.150	53.6	-23.2	41.5	35.30	68.3	14.7	V
17645.250	56.7	-22.1	41.6	37.15	68.3	11.6	H
17922.450	56.9	-22.7	41.5	38.00	74.0	17.2	H

Channel 120

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)
5503.000	53.9	-22.6	34.4	42.15	68.3	14.4	H
5706.600	53.5	-22.9	34.8	41.63	68.3	14.8	V
11199.800	45.6	-30.4	38.1	37.92	74.0	28.4	V
16799.900	54.3	-23.0	41.9	35.40	68.3	14.0	H
17695.300	57.2	-22.2	41.6	37.78	68.3	11.1	H
17795.400	57.8	-22.4	41.5	38.62	74.0	16.2	H

Channel 140

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)
5726.863	54.6	-23.0	34.8	42.79	68.3	13.7	V
5727.913	54.4	-23.0	34.8	42.56	68.3	13.9	V
11400.000	46.2	-29.7	38.2	37.75	74.0	27.8	H
17100.200	54.8	-23.0	42.1	35.77	68.3	13.5	V
17524.800	56.9	-22.7	41.6	38.06	68.3	11.4	V
17736.000	57.1	-22.3	41.6	37.84	74.0	16.9	H

Channel 144

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)
5579.600	54.3	-22.7	34.5	42.45	68.3	14.0	V
5977.600	54.6	-21.7	35.3	41.06	68.3	13.7	V
11440.150	45.5	-29.5	38.2	36.74	74.0	28.5	V
17160.150	54.2	-23.0	42.0	35.14	68.3	14.1	V
17496.750	57.6	-22.9	41.6	38.89	68.3	10.7	H
17964.800	57.4	-22.8	41.5	38.69	74.0	16.6	H

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Channel 36

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)
5057.680	53.1	-23.6	34.2	42.55	74.0	20.9	H
5109.218	53.5	-23.4	34.2	42.65	74.0	20.5	V
10359.950	44.3	-29.7	37.6	36.32	68.3	24.0	V
15539.850	51.0	-24.5	40.1	35.38	68.3	17.3	H
17137.600	56.7	-23.0	42.0	37.64	68.3	11.6	V
17543.500	57.0	-22.6	41.6	37.99	68.3	11.3	V

Channel 40

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)
5117.400	53.1	-23.4	34.2	42.20	68.3	15.2	H
5319.000	54.1	-22.5	34.3	42.29	68.3	14.2	H
10400.100	45.6	-29.3	37.7	37.21	68.3	22.7	H
15599.800	50.7	-24.5	40.2	35.03	74.0	23.3	H
16956.100	56.7	-23.0	42.1	37.62	68.3	11.6	H
17475.300	57.0	-23.1	41.6	38.41	68.3	11.3	V

Channel 48

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)
4654.200	53.5	-23.7	34.1	43.17	74.0	20.5	V
5321.600	55.0	-22.5	34.3	43.12	74.0	19.0	H
10479.850	44.2	-29.6	37.8	35.96	68.3	24.1	V
15720.250	51.1	-24.4	40.4	35.07	74.0	22.9	V
17453.300	57.1	-23.2	41.7	38.58	68.3	11.2	H
17617.200	57.1	-22.1	41.6	37.67	68.3	11.2	V

Channel 52

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)
5228.400	55.6	-23.4	34.3	44.69	74.0	18.4	H
5299.400	54.8	-22.6	34.3	43.13	74.0	19.2	V
10520.000	45.0	-29.6	37.8	36.82	68.3	23.3	V
15780.200	52.6	-24.2	40.4	36.33	74.0	21.4	H
17038.600	56.6	-23.0	42.2	37.43	68.3	11.7	H
17261.900	57.1	-22.8	41.9	37.98	68.3	11.2	V

Channel 56

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)
5248.600	55.2	-23.2	34.3	44.19	68.3	13.1	H
5337.000	54.8	-22.3	34.3	42.82	68.3	13.5	V
10560.150	45.9	-29.4	37.8	37.52	68.3	22.4	H
15840.150	52.6	-24.1	40.5	36.14	74.0	21.4	V
17101.300	56.9	-23.0	42.1	37.85	68.3	11.4	V
17442.850	56.7	-23.1	41.7	38.18	68.3	11.6	V

Channel 64

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)
5353.917	56.9	-22.3	34.3	44.89	74.0	17.1	V
5355.011	56.2	-22.3	34.3	44.11	74.0	17.8	H
10639.900	45.6	-29.3	37.9	37.00	74.0	28.4	V
15960.050	51.9	-23.8	40.7	35.11	74.0	22.1	H
17060.050	56.2	-23.0	42.1	37.13	68.3	12.1	H
17617.200	56.8	-22.1	41.6	37.39	68.3	11.5	V

Channel 100

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)
5383.300	54.8	-22.3	34.4	42.68	74.0	19.2	V
5433.220	54.4	-22.6	34.4	42.64	74.0	19.6	V
11000.150	45.3	-29.9	38.0	37.20	74.0	28.7	V
16500.150	53.6	-23.2	41.5	35.30	68.3	14.7	V
17645.250	56.7	-22.1	41.6	37.15	68.3	11.6	H
17922.450	56.9	-22.7	41.5	38.00	74.0	17.2	H

Channel 120

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)
5503.000	53.9	-22.6	34.4	42.15	68.3	14.4	H
5706.600	53.5	-22.9	34.8	41.63	68.3	14.8	V
11199.800	45.6	-30.4	38.1	37.92	74.0	28.4	V
16799.900	54.3	-23.0	41.9	35.40	68.3	14.0	H
17695.300	57.2	-22.2	41.6	37.78	68.3	11.1	H
17795.400	57.8	-22.4	41.5	38.62	74.0	16.2	H

Channel 140

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)
5726.863	54.6	-23.0	34.8	42.79	68.3	13.7	V
5727.913	54.4	-23.0	34.8	42.56	68.3	13.9	V
11400.000	46.2	-29.7	38.2	37.75	74.0	27.8	H
17100.200	54.8	-23.0	42.1	35.77	68.3	13.5	V
17524.800	56.9	-22.7	41.6	38.06	68.3	11.4	V
17736.000	57.1	-22.3	41.6	37.84	74.0	16.9	H

Channel 144

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)
5647.800	55.2	-22.8	34.7	43.40	68.3	13.1	H
5782.400	54.8	-22.9	34.9	42.73	68.3	13.5	H
11440.150	45.9	-29.5	38.2	37.22	74.0	28.1	H
17160.150	54.4	-23.0	42.0	35.37	68.3	13.9	V
17594.100	57.0	-22.3	41.6	37.68	68.3	11.3	V
17825.650	56.5	-22.5	41.5	37.47	74.0	17.5	H

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Channel 38

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)
5148.908	58.9	-23.3	34.3	47.87	74.0	15.1	V
5149.608	59.0	-23.3	34.3	48.03	74.0	15.0	V
10379.750	44.0	-29.5	37.7	35.83	68.3	24.3	V
15570.100	51.2	-24.5	40.2	35.51	74.0	22.8	H
16937.400	56.8	-23.0	42.1	37.67	68.3	11.5	V
17641.950	57.1	-22.0	41.6	37.56	68.3	11.2	H

Channel 46

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)
5179.400	53.7	-23.2	34.3	42.62	74.0	20.3	V
5310.000	54.0	-22.6	34.3	42.21	74.0	20.0	H
10460.050	45.2	-29.5	37.8	36.90	68.3	23.1	V
15690.000	51.4	-24.4	40.3	35.49	74.0	22.6	H
16930.800	56.8	-23.0	42.1	37.75	68.3	11.5	V
16986.900	56.8	-23.0	42.2	37.68	68.3	11.5	H

Channel 54

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)
5127.600	53.2	-23.3	34.3	42.29	74.0	20.8	V
5406.800	53.9	-22.4	34.4	41.88	74.0	20.1	H
10539.800	46.4	-29.5	37.8	38.11	68.3	21.9	H
15809.900	51.4	-24.1	40.5	35.00	74.0	22.6	V
16918.150	57.1	-23.0	42.1	38.02	68.3	11.2	H
17226.150	57.0	-22.9	41.9	37.98	68.3	11.3	H

Channel 62

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)
5350.502	63.3	-22.3	34.3	51.28	74.0	10.7	H
5351.757	63.1	-22.3	34.3	51.10	74.0	10.9	V
10620.100	44.6	-29.2	37.8	36.00	74.0	29.4	H
15929.800	52.5	-23.9	40.6	35.71	74.0	21.5	H
16986.900	56.2	-23.0	42.2	37.06	68.3	12.1	H
17132.650	56.6	-23.0	42.0	37.56	68.3	11.7	V

Channel 102

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)
5456.095	55.6	-22.7	34.4	43.94	74.0	18.4	H
5457.520	56.6	-22.7	34.4	44.89	74.0	17.4	V
11019.950	45.9	-29.8	38.0	37.76	74.0	28.1	H
16529.850	54.0	-23.2	41.5	35.68	68.3	14.3	H
17118.350	57.4	-23.0	42.1	38.41	68.3	10.9	V
17928.500	57.2	-22.7	41.5	38.37	74.0	16.8	H

Channel 118

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)
5515.200	53.7	-22.6	34.4	41.85	74.0	20.3	H
5678.400	55.1	-22.9	34.7	43.27	74.0	18.9	V
11180.000	45.0	-30.4	38.1	37.37	74.0	29.0	V
16770.200	54.8	-23.0	41.9	35.88	68.3	13.5	V
17625.450	56.6	-22.1	41.6	37.05	68.3	11.7	H
17913.650	57.1	-22.6	41.5	38.18	74.0	17.0	H

Channel 134

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)
5729.687	55.7	-23.0	34.8	43.90	68.3	12.6	H
5737.113	56.0	-23.0	34.8	44.10	68.3	12.3	V
11340.050	46.3	-30.0	38.1	38.14	68.3	22.0	H
17010.000	54.9	-23.0	42.2	35.78	68.3	13.4	V
17637.000	57.5	-22.0	41.6	37.95	68.3	10.8	H
17802.550	57.7	-22.4	41.5	38.58	68.3	10.6	V

Channel 142

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)
5605.400	54.6	-22.8	34.6	42.79	68.3	13.7	H
5788.000	54.7	-22.9	34.9	42.66	68.3	13.6	H
11419.800	45.9	-29.6	38.2	37.36	74.0	28.1	V
17129.900	54.7	-23.0	42.0	35.71	68.3	13.6	V
17716.750	57.4	-22.2	41.6	38.11	74.0	16.6	V
17839.950	56.9	-22.5	41.5	37.88	74.0	17.1	H

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Channel 36

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)
5145.145	55.3	-23.3	34.3	44.28	74.0	18.7	V
5149.765	55.1	-23.3	34.3	44.10	74.0	18.9	V
10359.950	44.9	-29.7	37.6	36.92	68.3	23.4	V
15539.850	52.1	-24.5	40.1	36.43	74.0	21.9	V
17252.000	56.8	-22.8	41.9	37.77	68.3	11.5	H
17553.400	56.8	-22.5	41.6	37.77	68.3	11.5	H

Channel 40

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)
5095.000	53.7	-23.5	34.2	42.90	68.3	14.6	V
5303.800	54.9	-22.6	34.3	43.22	68.3	13.4	H
10400.100	45.3	-29.3	37.7	36.91	68.3	23.0	V
15599.800	52.5	-24.5	40.2	36.81	74.0	21.5	V
17175.000	56.4	-22.9	42.0	37.36	68.3	11.9	H
17532.500	57.1	-22.7	41.6	38.15	68.3	11.2	H

Channel 48

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)
5089.800	53.7	-23.5	34.2	42.95	74.0	20.3	H
5350.000	54.8	-22.3	34.3	42.73	74.0	19.2	H
10479.850	44.7	-29.6	37.8	36.51	68.3	23.6	H
15720.250	52.6	-24.4	40.4	36.62	74.0	21.4	V
16905.500	56.5	-23.0	42.1	37.42	68.3	11.8	V
17566.600	57.2	-22.5	41.6	38.03	68.3	11.1	H

Channel 52

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)
5227.600	55.4	-23.3	34.3	44.48	74.0	18.6	H
5317.200	54.4	-22.5	34.3	42.53	74.0	19.6	V
10520.000	45.2	-29.6	37.8	37.03	68.3	23.1	V
15780.200	50.9	-24.2	40.4	34.71	74.0	23.1	V
16792.200	56.4	-23.0	41.9	37.45	68.3	11.9	V
17502.250	56.9	-22.9	41.6	38.16	68.3	11.4	H

Channel 56

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)
5244.600	54.1	-23.3	34.3	43.11	68.3	14.2	H
5331.000	55.3	-22.4	34.3	43.33	68.3	13.0	V
10560.150	44.5	-29.4	37.8	36.14	68.3	23.8	H
15840.150	51.3	-24.1	40.5	34.86	74.0	22.7	V
17133.750	56.9	-23.0	42.0	37.83	68.3	11.4	H
17632.050	56.8	-22.0	41.6	37.30	68.3	11.5	V

Channel 64

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)
5350.974	57.4	-22.3	34.3	45.33	74.0	16.6	H
5352.540	57.0	-22.3	34.3	44.99	74.0	17.0	V
10639.900	45.1	-29.3	37.9	36.59	74.0	28.9	V
15960.050	52.0	-23.8	40.7	35.15	74.0	22.0	H
16964.350	56.1	-23.0	42.2	36.95	68.3	12.2	V
17564.950	56.8	-22.5	41.6	37.67	68.3	11.5	V

Channel 100

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)
5446.420	54.4	-22.7	34.4	42.73	74.0	19.6	H
5452.570	54.6	-22.7	34.4	42.88	74.0	19.4	H
11000.150	45.8	-29.9	38.0	37.65	74.0	28.2	V
16500.150	55.0	-23.2	41.5	36.67	68.3	13.3	V
17479.700	57.1	-23.0	41.6	38.55	68.3	11.2	H
17894.400	58.4	-22.6	41.5	39.49	74.0	15.6	H

Channel 120

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)
5472.000	53.9	-22.7	34.4	42.14	68.3	14.4	V
5737.000	54.5	-23.0	34.8	42.67	68.3	13.8	H
11199.800	45.6	-30.4	38.1	37.95	74.0	28.4	V
16799.900	54.2	-23.0	41.9	35.25	68.3	14.1	V
17708.500	56.8	-22.2	41.6	37.44	74.0	17.2	H
17969.750	57.4	-22.8	41.5	38.62	74.0	16.6	H

Channel 140

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)
17975.2	53.5	-25.5	46.7	32.3	74	20.5	H
17945	53.3	-25.5	46.7	32.1	74	20.7	H
17878.5	53	-25.5	46.7	31.8	74	21	V
17949.4	53	-25.5	46.7	31.8	74	21	H
17917	52.9	-25.5	46.7	31.7	74	21.1	V
5726.2	64.8	-27.1	34.3	57.6	74	9.2	H

Channel 144

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)
5598.800	54.0	-22.8	34.6	42.15	68.3	14.3	V
5854.600	54.0	-22.4	35.0	41.41	68.3	14.3	V
11440.150	46.7	-29.5	38.2	37.96	74.0	27.3	V
17160.150	55.1	-23.0	42.0	36.07	68.3	13.2	H
17623.800	57.4	-22.1	41.6	37.87	68.3	10.9	H
17827.850	57.3	-22.5	41.5	38.26	74.0	16.7	H

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Channel 38

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)
5728.425	57.5	-23.0	34.8	45.69	68.3	10.8	V
5728.825	57.2	-23.0	34.8	45.31	68.3	11.1	V
11400.000	45.5	-29.7	38.2	37.03	74.0	28.5	V
17100.200	54.5	-23.0	42.1	35.50	68.3	13.8	H
17651.850	56.5	-22.1	41.6	37.01	68.3	11.8	H
17889.450	58.0	-22.6	41.5	39.08	74.0	16.0	H

Channel 46

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)
5108.000	53.7	-23.4	34.2	42.91	74.0	20.3	H
5323.400	54.0	-22.4	34.3	42.09	74.0	20.0	V
10460.050	45.5	-29.5	37.8	37.24	68.3	22.8	H
15690.000	52.5	-24.4	40.3	36.59	74.0	21.5	H
17096.350	57.0	-23.0	42.1	37.96	68.3	11.3	V
17421.950	56.9	-23.1	41.7	38.34	68.3	11.4	V

Channel 54

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)
5126.200	53.3	-23.3	34.3	42.42	74.0	20.7	V
5401.200	53.8	-22.3	34.4	41.78	74.0	20.2	H
10539.800	44.5	-29.5	37.8	36.26	68.3	23.8	H
15809.900	52.8	-24.1	40.5	36.41	74.0	21.2	V
16951.700	57.2	-23.0	42.1	38.06	68.3	11.1	H
17072.700	57.4	-23.0	42.1	38.33	68.3	10.9	H

Channel 62

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)
5352.068	62.3	-22.3	34.3	50.21	74.0	11.7	V
5353.269	61.5	-22.3	34.3	49.49	74.0	12.5	H
10620.100	44.9	-29.2	37.8	36.28	74.0	29.1	V
15929.800	52.0	-23.9	40.6	35.21	74.0	22.0	H
17051.250	57.0	-23.0	42.1	37.89	68.3	11.3	H
17360.350	56.8	-22.9	41.8	37.94	68.3	11.5	V

Channel 102

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)
5452.030	56.5	-22.7	34.4	44.83	68.3	11.8	H
5457.235	56.4	-22.7	34.4	44.72	68.3	11.9	H
11019.950	46.6	-29.8	38.0	38.40	74.0	27.4	V
16529.850	54.1	-23.2	41.5	35.77	68.3	14.2	H
17627.100	57.0	-22.1	41.6	37.44	68.3	11.3	V
17897.700	57.2	-22.6	41.5	38.26	74.0	16.8	V

Channel 118

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)
5541.200	55.7	-22.6	34.5	43.87	68.3	12.6	V
5640.400	56.5	-22.8	34.7	44.71	68.3	11.8	H
11799.850	47.5	-29.3	38.5	38.32	74.0	26.5	V
16770.200	53.9	-23.0	41.9	35.04	68.3	14.4	H
17587.500	56.9	-22.3	41.6	37.68	68.3	11.4	V
17893.850	57.2	-22.6	41.5	38.26	74.0	16.8	V

Channel 134

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)
5726.850	55.6	-23.0	34.8	43.78	74.0	18.4	H
5729.075	55.6	-23.0	34.8	43.74	74.0	18.4	V
11340.050	45.7	-30.0	38.1	37.63	74.0	28.3	H
17010.000	54.9	-23.0	42.2	35.71	68.3	13.4	H
17425.800	56.9	-23.1	41.7	38.36	68.3	11.4	V
17870.200	56.8	-22.6	41.5	37.82	74.0	17.2	V

Channel 142

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)
5605.400	54.6	-22.8	34.6	42.79	68.3	13.7	H
5788.000	54.7	-22.9	34.9	42.66	68.3	13.6	H
11419.800	45.9	-29.6	38.2	37.36	74.0	28.1	V
17129.900	54.7	-23.0	42.0	35.71	68.3	13.6	V
17716.750	57.4	-22.2	41.6	38.11	74.0	16.6	V
17839.950	56.9	-22.5	41.5	37.88	74.0	17.1	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)
5115.500	58.4	-23.4	34.3	47.51	74.0	15.6	V
5136.570	60.0	-23.3	34.3	49.01	74.0	14.0	V
10419.900	45.5	-29.3	37.5	37.24	68.3	22.8	H
15630.050	51.2	-24.5	40.4	35.35	74.0	22.8	V
17065.550	56.5	-23.0	41.6	37.93	68.3	11.8	V
17518.750	56.8	-22.8	41.2	38.42	68.3	11.5	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)
5350.947	60.4	-22.3	34.5	48.21	74.0	13.6	V
5352.891	60.8	-22.3	34.5	48.62	74.0	13.2	V
10579.950	44.9	-29.3	37.6	36.63	68.3	23.4	V
15869.850	51.7	-24.0	40.6	35.07	74.0	22.3	V
16849.400	56.6	-23.0	41.6	37.98	68.3	11.7	V
17093.600	57.4	-23.0	41.6	38.83	68.3	10.9	H

Channel 106

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)
5452.390	59.7	-22.7	34.6	47.87	74.0	14.3	V
5453.500	59.5	-22.7	34.6	47.64	74.0	14.5	V
11060.100	44.6	-29.9	38.0	36.53	74.0	29.4	V
16589.800	54.0	-23.3	41.5	35.81	68.3	14.3	V
17678.800	56.3	-22.1	41.2	37.21	68.3	12.0	H
17929.050	56.7	-22.7	41.3	38.11	74.0	17.3	H

Channel 138

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)
5568.800	54.8	-22.6	34.7	42.75	68.3	13.5	V
5810.600	54.6	-22.7	35.0	42.30	68.3	13.7	H
11380.200	44.3	-29.8	38.4	35.79	74.0	29.7	H
17069.950	53.6	-23.0	41.6	35.02	68.3	14.7	V
17663.950	56.4	-22.1	41.2	37.28	68.3	11.9	H
17898.800	56.7	-22.6	41.3	38.01	74.0	17.3	V

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Channel 50

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)
5135.345	64.3	-23.3	34.3	53.34	74.0	9.7	V
5142.503	65.0	-23.3	34.3	53.96	74.0	9.0	V
10500.200	45.6	-29.7	37.6	37.63	68.3	22.7	H
15749.950	50.8	-24.3	40.5	34.61	74.0	23.2	V
16912.650	56.7	-23.0	41.6	38.09	68.3	11.6	H
17595.200	56.9	-22.3	41.2	38.00	68.3	11.4	V

Channel 114

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)
5453.485	62.1	-22.7	34.6	50.20	74.0	11.9	V
5458.375	62.8	-22.7	34.6	50.94	74.0	11.2	V
11139.850	45.5	-30.4	38.1	37.81	74.0	28.5	H
16710.250	53.2	-23.1	41.5	34.84	68.3	15.1	H
17619.400	57.7	-22.1	41.2	38.58	68.3	10.6	H
17821.800	56.8	-22.5	41.3	37.99	74.0	17.2	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)
5135.450	60.8	-23.3	34.3	49.78	74.0	13.2	H
5142.223	60.4	-23.3	34.3	49.39	74.0	13.6	H
10419.900	46.3	-29.3	37.5	38.05	68.3	22.0	H
15630.050	51.4	-24.5	40.4	35.58	74.0	22.6	H
17011.100	56.6	-23.0	41.7	37.93	68.3	11.7	V
17176.650	56.9	-22.9	41.5	38.28	68.3	11.4	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)
5353.850	61.2	-22.3	34.5	48.95	74.0	12.9	V
5359.844	60.6	-22.3	34.5	48.41	74.0	13.4	H
10579.950	44.3	-29.3	37.6	36.00	68.3	24.0	H
15869.850	51.3	-24.0	40.6	34.69	74.0	22.7	V
16959.950	56.5	-23.0	41.7	37.86	68.3	11.8	H
17493.450	57.6	-22.9	41.2	39.33	68.3	10.7	V

Channel 106

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)
5453.275	59.7	-22.7	34.6	47.86	74.0	14.3	H
5454.430	59.6	-22.7	34.6	47.72	74.0	14.4	H
11060.100	45.5	-29.9	38.0	37.35	74.0	28.5	H
16589.800	53.4	-23.3	41.5	35.27	68.3	14.9	H
17157.400	57.4	-23.0	41.5	38.82	68.3	10.9	H
17943.350	57.0	-22.7	41.3	38.39	74.0	17.0	H

Channel 138

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)
5558.800	55.2	-22.6	34.7	43.17	74.0	18.8	H
5810.400	55.0	-22.7	35.0	42.66	74.0	19.0	H
11380.200	45.4	-29.8	38.4	36.88	74.0	28.6	H
17069.950	54.8	-23.0	41.6	36.18	68.3	13.5	V
17599.050	56.7	-22.2	41.2	37.70	68.3	11.6	V
17880.100	57.1	-22.6	41.3	38.44	74.0	16.9	H

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Channel 50

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)
5138.344	65.6	-23.3	34.3	54.63	74.0	8.4	V
5142.608	65.6	-23.3	34.3	54.61	74.0	8.4	H
10500.200	45.0	-29.7	37.6	37.08	68.3	23.3	V
15749.950	51.6	-24.3	40.5	35.36	68.3	16.7	V
16832.350	56.8	-23.0	41.6	38.24	68.3	11.5	H
16972.600	56.8	-23.0	41.7	38.13	68.3	11.5	H

Channel 114

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)
5457.205	62.9	-22.7	34.6	51.01	74.0	11.1	V
5459.635	62.2	-22.7	34.6	50.37	74.0	11.8	H
11139.850	45.5	-30.4	38.1	37.84	74.0	28.5	H
16710.250	54.5	-23.1	41.5	36.08	68.3	13.8	V
17586.400	57.4	-22.3	41.2	38.55	68.3	10.9	V
17927.950	57.4	-22.7	41.3	38.83	74.0	16.6	V

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AVERAGE Results:

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Channel 36

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)
5147.600	37.6	-33.3	34.3	36.62	54.0	16.4	V
5150.000	37.6	-33.3	34.3	36.62	54.0	16.4	V
11020.000	31.0	-29.8	38.0	22.84	54.0	23.0	H
15540.000	34.4	-24.5	40.1	18.74	54.0	19.6	H
17783.200	34.4	-22.4	41.5	15.23	54.0	19.6	H
17911.200	37.6	-22.6	41.5	18.77	54.0	16.4	V

Channel 40

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)
5150.000	37.7	-33.3	34.3	36.68	54.0	16.3	V
5391.600	38.2	-32.3	34.4	36.15	54.0	15.8	V
11975.200	32.2	-29.1	38.7	22.60	54.0	21.8	V
15600.000	34.4	-24.5	40.2	18.72	54.0	19.6	H
17836.800	37.3	-22.5	41.5	18.21	54.0	16.7	H
17922.400	37.5	-22.7	41.5	18.65	54.0	16.5	V

Channel 48

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	38.2	-33.3	34.3	37.22	54.0	15.8	V
5383.600	38.8	-32.3	34.4	36.78	54.0	15.2	V
11017.600	31.1	-29.8	38.0	22.94	54.0	22.9	V
15720.000	34.1	-24.4	40.4	18.11	54.0	19.9	V
17841.600	37.1	-22.5	41.5	18.03	54.0	16.9	V
17927.200	37.5	-22.7	41.5	18.65	54.0	16.5	H

Channel 52

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)
5146.400	38.6	-33.3	34.3	37.58	54.0	15.4	V
5356.400	39.3	-32.3	34.3	37.28	54.0	14.7	V
11020.800	31.3	-29.8	38.0	23.12	54.0	22.7	V
15780.000	34.4	-24.2	40.4	18.11	54.0	19.6	V
17752.000	37.4	-22.3	41.5	18.13	54.0	16.6	V
17831.200	37.4	-22.5	41.5	18.32	54.0	16.6	V

Channel 56

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)
5119.600	38.8	-33.4	34.2	37.88	54.0	15.2	V
5360.400	39.3	-32.3	34.3	37.27	54.0	14.7	V
10884.000	30.8	-29.9	38.0	22.77	54.0	23.2	V
15840.000	35.1	-24.1	40.5	18.65	54.0	18.9	V
17758.400	37.2	-22.3	41.5	17.97	54.0	16.8	V
17839.200	37.3	-22.5	41.5	18.28	54.0	16.7	V

Channel 64

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)
5350.800	41.0	-32.3	34.3	39.00	54.0	13.0	V
5352.800	40.8	-32.3	34.3	38.76	54.0	13.2	V
10640.000	29.9	-29.3	37.9	21.32	54.0	24.1	V
15960.000	35.1	-23.8	40.7	18.28	54.0	18.9	V
17760.800	37.3	-22.3	41.5	18.09	54.0	16.7	V
17842.400	37.3	-22.5	41.5	18.23	54.0	16.7	V

Channel 100

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)
5436.800	38.7	-32.6	34.4	36.90	54.0	15.3	V
5443.600	38.7	-32.7	34.4	36.95	54.0	15.3	V
11000.000	32.3	-29.9	38.0	24.22	54.0	21.7	V
16500.000	36.2	-23.2	41.5	17.83	54.0	17.8	V
17950.460	37.5	-22.7	41.5	18.73	54.0	16.5	H
17991.350	37.5	-22.8	41.5	18.80	54.0	16.5	H

Channel 120

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)
5389.200	38.6	-32.3	34.4	36.54	54.0	15.4	V
5403.200	38.5	-32.3	34.4	36.50	54.0	15.5	V
11200.000	47.3	-30.4	38.1	39.67	54.0	6.7	H
16800.000	36.3	-23.0	41.9	17.33	54.0	17.7	H
17929.650	37.6	-22.7	41.5	18.75	54.0	16.4	V
17894.450	37.7	-22.6	41.5	18.75	54.0	16.3	V

Channel 140

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)
5396.400	38.8	-32.3	34.4	36.68	48.3	9.5	V
5444.000	38.8	-32.7	34.4	37.11	48.3	9.5	V
11400.000	32.5	-29.7	38.2	24.10	48.3	15.8	V
17100.000	36.3	-23.0	42.1	17.25	48.3	12.0	H
17895.800	37.6	-22.6	41.5	18.66	48.3	10.7	V
17865.900	37.3	-22.5	41.5	18.35	48.3	11.0	H

Channel 144

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)
5383.600	38.9	-32.3	34.4	36.80	54.0	15.1	V
5407.600	38.8	-32.4	34.4	36.85	54.0	15.2	V
11440.000	32.1	-29.5	38.2	23.35	54.0	21.9	H
17806.400	37.6	-22.4	41.5	18.49	54.0	16.4	H
17837.600	38.0	-22.5	41.5	18.93	54.0	16.0	H
17900.800	38.4	-22.6	41.5	19.49	54.0	15.6	V

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Channel 36

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	40.0	-33.3	34.3	39.03	54.0	14.0	V
5150.000	40.0	-33.3	34.3	39.01	54.0	14.0	V
11044.800	31.0	-29.8	38.0	22.77	54.0	23.0	V
15540.000	34.3	-24.5	40.1	18.66	54.0	19.7	H
17901.600	37.6	-22.6	41.5	18.70	54.0	16.4	V
17948.000	37.4	-22.7	41.5	18.56	54.0	16.6	V

Channel 40

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)
5144.400	39.5	-33.3	34.3	38.56	54.0	14.5	V
5385.200	40.0	-32.3	34.4	37.96	54.0	14.0	V
11084.000	30.8	-30.0	38.0	22.77	54.0	23.2	H
15600.000	34.4	-24.5	40.2	18.72	54.0	19.6	H
17904.000	37.6	-22.6	41.5	18.73	54.0	16.4	V
17949.600	37.4	-22.7	41.5	18.57	54.0	16.6	H

Channel 48

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)
5148.000	38.2	-33.3	34.3	37.23	54.0	15.8	V
5388.400	39.0	-32.3	34.4	36.96	54.0	15.0	V
11682.400	31.5	-29.5	38.4	22.56	54.0	22.5	H
15720.000	34.1	-24.4	40.4	18.13	54.0	19.9	H
17908.000	37.6	-22.6	41.5	18.72	54.0	16.4	H
17952.800	37.4	-22.7	41.5	18.66	54.0	16.6	H

Channel 52

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)
5116.800	38.9	-33.4	34.2	38.03	54.0	15.1	V
5362.400	39.5	-32.3	34.3	37.49	54.0	14.5	V
11013.600	31.2	-29.8	38.0	23.03	54.0	22.8	V
15780.000	34.4	-24.2	40.4	18.16	54.0	19.6	V
17815.200	37.3	-22.4	41.5	18.19	54.0	16.7	V
17898.400	37.6	-22.6	41.5	18.74	54.0	16.4	V

Channel 56

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)
5396.800	39.7	-32.3	34.4	37.59	54.0	14.3	V
5120.800	38.9	-33.4	34.3	37.98	54.0	15.1	V
11739.200	31.7	-29.5	38.4	22.83	54.0	22.3	V
15840.000	35.1	-24.1	40.5	18.66	54.0	18.9	V
17856.000	37.5	-22.5	41.5	18.48	54.0	16.5	V
17931.200	37.8	-22.7	41.5	18.92	54.0	16.2	V

Channel 64

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)
5362.800	38.5	-32.3	34.3	36.42	54.0	15.5	V
5382.400	38.5	-32.3	34.4	36.48	54.0	15.5	V
10640.000	29.9	-29.3	37.9	21.36	54.0	24.1	H
15960.000	35.2	-23.8	40.7	18.35	54.0	18.8	V
17887.200	37.5	-22.6	41.5	18.52	54.0	16.5	H
17977.600	37.5	-22.8	41.5	18.79	54.0	16.5	V

Channel 100

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)
5395.200	38.7	-32.3	34.4	36.64	54.0	15.3	V
5444.000	38.7	-32.7	34.4	36.98	54.0	15.3	V
11000.000	32.4	-29.9	38.0	24.30	54.0	21.6	V
16500.000	36.3	-23.2	41.5	17.95	54.0	17.7	H
17952.650	37.6	-22.7	41.5	18.78	54.0	16.4	V
17586.940	37.8	-22.3	41.6	18.50	54.0	16.2	V

Channel 120

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)
5395.600	40.2	-32.3	34.4	38.14	54.0	13.8	V
5404.400	40.1	-32.3	34.4	38.09	54.0	13.9	V
11200.000	47.3	-30.4	38.1	39.63	54.0	6.7	H
16800.000	36.2	-23.0	41.9	17.26	54.0	17.8	H
17929.650	37.5	-22.7	41.5	18.63	54.0	16.5	H
17894.450	37.6	-22.6	41.5	18.71	54.0	16.4	H

Channel 140

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)
5390.800	38.8	-32.3	34.4	36.74	48.3	9.5	V
5437.600	38.8	-32.6	34.4	37.00	48.3	9.5	V
11400.000	32.5	-29.7	38.2	24.10	48.3	15.8	H
17100.000	36.3	-23.0	42.1	17.25	48.3	12.0	V
17895.800	37.6	-22.6	41.5	18.66	48.3	10.7	V
17865.900	37.6	-22.5	41.5	18.61	48.3	10.7	V

Channel 144

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)
5397.600	38.9	-32.3	34.4	36.85	54.0	15.1	V
5428.800	38.8	-32.5	34.4	37.01	54.0	15.2	V
11440.000	32.1	-29.5	38.2	23.34	54.0	21.9	V
17758.400	38.0	-22.3	41.5	18.74	54.0	16.0	H
17845.600	37.8	-22.5	41.5	18.81	54.0	16.2	V
17937.600	38.2	-22.7	41.5	19.42	54.0	15.8	H

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Channel 38

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)
5149.600	43.1	-33.3	34.3	42.08	54.0	10.9	V
5150.000	43.2	-33.3	34.3	42.26	54.0	10.8	V
12333.600	32.5	-27.8	38.9	21.39	54.0	21.5	V
15570.400	34.6	-24.5	40.2	18.89	54.0	19.4	H
17824.000	37.3	-22.5	41.5	18.21	54.0	16.7	V
17912.000	37.8	-22.6	41.5	18.90	54.0	16.2	H

Channel 46

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	38.8	-33.3	34.3	37.83	54.0	15.2	V
5367.200	39.6	-32.3	34.3	37.58	54.0	14.4	V
11890.400	32.0	-29.2	38.6	22.60	54.0	22.0	V
15690.400	34.5	-24.4	40.3	18.60	54.0	19.5	V
17826.400	37.4	-22.5	41.5	18.31	54.0	16.6	V
17916.800	37.7	-22.7	41.5	18.79	54.0	16.3	H

Channel 54

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)
5150.000	38.6	-33.3	34.3	37.56	54.0	15.4	V
5367.600	40.0	-32.3	34.3	37.99	54.0	14.0	V
10540.000	29.8	-29.5	37.8	21.50	54.0	24.2	H
15810.400	35.0	-24.1	40.5	18.66	54.0	19.0	V
17752.000	37.4	-22.3	41.5	18.18	54.0	16.6	H
17824.800	37.4	-22.5	41.5	18.29	54.0	16.6	H

Channel 62

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)
5350.000	46.2	-32.3	34.3	44.19	54.0	7.8	V
5350.400	46.2	-32.3	34.3	44.19	54.0	7.8	V
10620.000	30.2	-29.2	37.8	21.57	54.0	23.8	V
15930.400	34.1	-23.9	40.6	17.40	54.0	19.9	H
17754.400	37.4	-22.3	41.5	18.15	54.0	16.6	V
17828.000	37.4	-22.5	41.5	18.33	54.0	16.6	V

Channel 102

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)
5375.600	38.5	-32.3	34.4	36.44	54.0	15.5	V
5411.600	38.6	-32.4	34.4	36.61	54.0	15.4	V
11020.000	32.0	-29.8	38.0	23.86	54.0	22.0	V
16151.200	36.2	-23.3	40.9	18.53	54.0	17.8	H
16530.400	36.3	-23.2	41.5	17.98	54.0	17.7	H
17943.200	38.0	-22.7	41.5	19.21	54.0	16.0	V

Channel 118

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)
5388.800	39.1	-32.3	34.4	37.01	54.0	14.9	V
5419.200	38.9	-32.5	34.4	37.02	54.0	15.1	V
11180.000	31.4	-30.4	38.1	23.77	54.0	22.6	H
16144.000	36.3	-23.3	40.9	18.64	54.0	17.7	H
16770.400	36.8	-23.0	41.9	17.92	54.0	17.2	H
17911.200	38.2	-22.6	41.5	19.32	54.0	15.8	V

Channel 134

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)
5396.000	39.0	-32.3	34.4	36.92	48.3	9.3	V
5434.400	39.1	-32.6	34.4	37.32	48.3	9.2	V
11340.000	31.9	-30.0	38.1	23.75	48.3	16.4	H
16180.000	36.3	-23.3	41.0	18.53	48.3	12.0	V
17010.400	37.3	-23.0	42.2	18.14	48.3	11.0	H
17921.600	38.0	-22.7	41.5	19.12	48.3	10.3	V

Channel 142

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)
5388.400	39.0	-32.3	34.4	36.96	54.0	15.0	V
5404.400	39.1	-32.3	34.4	37.06	54.0	14.9	V
11420.000	32.2	-29.6	38.2	23.65	54.0	21.8	H
17783.200	37.7	-22.4	41.5	18.55	54.0	16.3	V
17831.200	38.1	-22.5	41.5	19.04	54.0	15.9	H
17911.200	38.3	-22.6	41.5	19.45	54.0	15.7	V

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Channel 36

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)
5146.400	40.1	-33.3	34.3	39.11	54.0	13.9	V
5150.000	40.2	-33.3	34.3	39.20	54.0	13.8	V
11931.200	32.1	-29.2	38.6	22.60	54.0	21.9	V
15540.000	34.4	-24.5	40.1	18.79	54.0	19.6	V
17740.000	37.4	-22.3	41.6	18.14	54.0	16.6	H
17843.200	37.5	-22.5	41.5	18.47	54.0	16.5	V

Channel 40

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)
5149.200	39.9	-33.3	34.3	38.87	54.0	14.1	V
5368.000	40.4	-32.3	34.3	38.33	54.0	13.6	V
11980.000	32.2	-29.1	38.7	22.59	54.0	21.8	H
15600.000	34.5	-24.5	40.2	18.81	54.0	19.5	H
17794.400	37.0	-22.4	41.5	17.85	54.0	17.0	V
17912.800	37.6	-22.6	41.5	18.72	54.0	16.4	V

Channel 48

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)
5150.000	38.5	-33.3	34.3	37.51	54.0	15.5	V
5367.200	39.6	-32.3	34.3	37.58	54.0	14.4	V
11826.400	32.1	-29.3	38.5	22.84	54.0	21.9	V
15720.000	34.2	-24.4	40.4	18.22	54.0	19.8	H
17831.200	37.4	-22.5	41.5	18.30	54.0	16.6	V
17917.600	37.6	-22.7	41.5	18.72	54.0	16.4	V

Channel 52

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)
5122.000	39.0	-33.4	34.3	38.09	54.0	15.0	V
5391.200	39.7	-32.3	34.4	37.62	54.0	14.3	V
11000.000	31.1	-29.9	38.0	22.99	54.0	22.9	H
15780.000	34.4	-24.2	40.4	18.12	54.0	19.6	H
17783.200	37.1	-22.4	41.5	17.95	54.0	16.9	H
17824.800	37.3	-22.5	41.5	18.23	54.0	16.7	H

Channel 56

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)
5212.000	40.4	-33.3	34.3	39.37	54.0	13.6	V
5314.800	41.2	-32.5	34.3	39.41	54.0	12.8	V
11050.400	31.2	-29.8	38.0	22.95	54.0	22.8	V
15840.000	35.1	-24.1	40.5	18.67	54.0	18.9	V
17785.600	37.1	-22.4	41.5	17.95	54.0	16.9	V
17828.800	37.4	-22.5	41.5	18.36	54.0	16.6	V

Channel 64

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)
5362.800	38.5	-32.3	34.3	36.42	54.0	15.5	V
5382.400	38.5	-32.3	34.4	36.48	54.0	15.5	V
10640.000	29.9	-29.3	37.9	21.36	54.0	24.1	H
15960.000	35.2	-23.8	40.7	18.35	54.0	18.8	V
17887.200	37.5	-22.6	41.5	18.52	54.0	16.5	H
17977.600	37.5	-22.8	41.5	18.79	54.0	16.5	V

Channel 100

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)
5395.200	38.7	-32.3	34.4	36.64	54.0	15.3	V
5444.000	38.7	-32.7	34.4	36.98	54.0	15.3	V
11000.000	32.4	-29.9	38.0	24.30	54.0	21.6	V
16500.000	36.3	-23.2	41.5	17.95	54.0	17.7	H
17952.650	37.6	-22.7	41.5	18.78	54.0	16.4	V
17586.940	37.8	-22.3	41.6	18.50	54.0	16.2	V

Channel 120

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)
5395.600	40.2	-32.3	34.4	38.14	54.0	13.8	V
5404.400	40.1	-32.3	34.4	38.09	54.0	13.9	V
11200.000	47.3	-30.4	38.1	39.63	54.0	6.7	H
16800.000	36.2	-23.0	41.9	17.26	54.0	17.8	H
17929.650	37.5	-22.7	41.5	18.63	54.0	16.5	H
17894.450	37.6	-22.6	41.5	18.71	54.0	16.4	H

Channel 140

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)
5390.800	38.8	-32.3	34.4	36.74	48.3	9.5	V
5437.600	38.8	-32.6	34.4	37.00	48.3	9.5	V
11400.000	32.5	-29.7	38.2	24.10	48.3	15.8	H
17100.000	36.3	-23.0	42.1	17.25	48.3	12.0	V
17895.800	37.6	-22.6	41.5	18.66	48.3	10.7	V
17865.900	37.6	-22.5	41.5	18.61	48.3	10.7	V

Channel 144

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)
5388.800	39.1	-32.3	34.4	37.01	54.0	14.9	V
5396.800	39.1	-32.3	34.4	37.00	54.0	14.9	V
11440.000	32.0	-29.5	38.2	23.34	54.0	22.0	V
17794.400	37.7	-22.4	41.5	18.54	54.0	16.3	V
17872.000	37.8	-22.6	41.5	18.88	54.0	16.2	V
17932.000	38.3	-22.7	41.5	19.51	54.0	15.7	H

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Channel 38

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	42.4	-33.3	34.3	41.44	54.0	11.6	V
5150.000	42.6	-33.3	34.3	41.63	54.0	11.4	V
11924.800	32.2	-29.2	38.6	22.73	54.0	21.8	V
15570.400	34.6	-24.5	40.2	18.97	54.0	19.4	V
17744.800	37.4	-22.3	41.6	18.11	54.0	16.6	V
17931.200	37.6	-22.7	41.5	18.77	54.0	16.4	H

Channel 46

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)
5150.000	38.8	-33.3	34.3	37.79	54.0	15.2	V
5366.800	39.7	-32.3	34.3	37.60	54.0	14.3	V
12372.000	32.9	-28.0	38.9	21.93	54.0	21.1	H
15690.400	34.6	-24.4	40.3	18.69	54.0	19.4	H
17746.400	37.4	-22.3	41.6	18.11	54.0	16.6	V
17934.400	37.6	-22.7	41.5	18.74	54.0	16.4	V

Channel 54

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)
5150.000	38.6	-33.3	34.3	37.62	54.0	15.4	V
5362.000	40.2	-32.3	34.3	38.13	54.0	13.8	V
11000.000	31.2	-29.9	38.0	23.05	54.0	22.8	V
15810.400	35.0	-24.1	40.5	18.60	54.0	19.0	V
17751.200	37.4	-22.3	41.5	18.16	54.0	16.6	V
17881.600	37.5	-22.6	41.5	18.51	54.0	16.5	H

Channel 62

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)
5350.000	45.5	-32.3	34.3	43.46	54.0	8.5	V
5350.800	45.4	-32.3	34.3	43.33	54.0	8.6	V
10620.000	30.2	-29.2	37.8	21.55	54.0	23.8	V
15930.400	35.1	-23.9	40.6	18.32	54.0	18.9	H
17756.000	37.4	-22.3	41.5	18.12	54.0	16.6	H
17884.800	37.4	-22.6	41.5	18.46	54.0	16.6	H

Channel 102

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)
5436.000	39.8	-32.6	34.4	38.02	54.0	14.2	V
5444.000	39.9	-32.7	34.4	38.14	54.0	14.1	V
11020.000	32.1	-29.8	38.0	23.90	54.0	21.9	V
16180.000	36.2	-23.3	41.0	18.50	54.0	17.8	V
16530.400	36.5	-23.2	41.5	18.14	54.0	17.5	H
17934.400	38.1	-22.7	41.5	19.32	54.0	15.9	V

Channel 118

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)
5392.000	39.3	-32.3	34.4	37.18	54.0	14.7	V
5420.400	39.0	-32.5	34.4	37.12	54.0	15.0	V
11180.000	31.3	-30.4	38.1	23.72	54.0	22.7	V
16155.200	36.2	-23.3	41.0	18.56	54.0	17.8	V
16770.400	36.9	-23.0	41.9	17.98	54.0	17.1	H
17910.400	38.2	-22.6	41.5	19.32	54.0	15.8	V

Channel 134

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)
5391.600	38.8	-32.3	34.4	36.68	54.0	15.3	V
5404.400	38.7	-32.3	34.4	36.73	54.0	15.3	V
11340.000	31.8	-30.0	38.1	23.68	54.0	22.2	V
16193.600	36.0	-23.2	41.0	18.26	54.0	18.0	H
17010.400	37.3	-23.0	42.2	18.15	54.0	16.7	V
17942.400	38.0	-22.7	41.5	19.16	54.0	16.0	H

Channel 142

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)
5398.400	39.0	-32.3	34.4	36.99	54.0	15.0	V
5442.800	39.0	-32.6	34.4	37.26	54.0	15.0	V
11420.000	32.4	-29.6	38.2	23.83	54.0	21.6	V
17763.200	38.0	-22.3	41.5	18.75	54.0	16.0	V
17824.800	38.0	-22.5	41.5	18.91	54.0	16.0	H
17929.600	38.2	-22.7	41.5	19.41	54.0	15.8	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)
5149.200	45.3	-33.3	34.3	44.28	54.0	8.7	V
5150.000	45.4	-33.3	34.3	44.33	54.0	8.6	V
10917.600	31.6	-30.0	37.9	23.72	54.0	22.4	V
15630.400	35.3	-24.5	40.4	19.46	54.0	18.7	V
17769.600	37.8	-22.3	41.3	18.89	54.0	16.2	H
17836.800	37.9	-22.5	41.3	19.16	54.0	16.1	H

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)
5351.200	49.1	-32.3	34.5	46.89	54.0	4.9	V
5353.400	48.7	-32.3	34.5	46.46	54.0	5.4	V
10880.000	31.9	-29.9	37.8	24.00	54.0	22.1	H
15870.400	35.8	-24.0	40.6	19.11	54.0	18.2	V
17776.800	37.7	-22.4	41.3	18.83	54.0	16.3	H
17842.400	37.8	-22.5	41.3	19.05	54.0	16.2	H

Channel 106

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)
5457.200	44.3	-32.7	34.6	42.42	54.0	9.7	V
5459.800	44.4	-32.7	34.6	42.51	54.0	9.6	V
11060.000	32.0	-29.9	38.0	23.90	54.0	22.0	H
17743.200	38.1	-22.3	41.2	19.13	54.0	15.9	V
17750.400	38.0	-22.3	41.3	19.04	54.0	16.0	H
17818.400	37.9	-22.5	41.3	19.05	54.0	16.1	H

Channel 138

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)
5400.200	38.3	-32.3	34.5	36.07	54.0	15.7	V
5442.800	38.4	-32.6	34.6	36.46	54.0	15.6	V
11380.000	32.3	-29.8	38.4	23.76	54.0	21.7	V
17769.600	37.8	-22.3	41.3	18.93	54.0	16.2	V
17832.000	38.1	-22.5	41.3	19.31	54.0	15.9	H
17923.200	38.3	-22.7	41.3	19.65	54.0	15.7	V

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Channel 50

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)
5148.600	47.2	-33.3	34.3	46.20	54.0	6.8	V
5150.000	47.3	-33.3	34.3	46.25	54.0	6.7	V
10877.600	32.0	-29.9	37.8	24.05	54.0	22.0	H
15750.400	35.5	-24.3	40.5	19.30	54.0	18.5	V
17785.600	37.8	-22.4	41.3	18.87	54.0	16.2	V
17910.400	38.4	-22.6	41.3	19.79	54.0	15.6	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)
5439.200	49.6	-32.6	34.6	47.67	54.0	4.4	V
5445.600	49.5	-32.7	34.6	47.59	54.0	4.5	V
11140.000	31.7	-30.4	38.1	23.97	54.0	22.3	V
17835.200	38.0	-22.5	41.3	19.25	54.0	16.0	V
17895.200	38.2	-22.6	41.3	19.55	54.0	15.8	H
17948.800	38.1	-22.7	41.3	19.56	54.0	15.9	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)
5146.400	43.5	-33.3	34.3	42.44	54.0	10.5	V
5147.600	43.7	-33.3	34.3	42.68	54.0	10.3	V
10880.000	31.9	-29.9	37.8	23.92	54.0	22.1	V
15630.400	35.3	-24.5	40.4	19.46	54.0	18.7	V
17856.800	37.8	-22.5	41.3	19.10	54.0	16.2	V
17929.600	38.4	-22.7	41.3	19.78	54.0	15.6	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)
5353.000	46.4	-32.3	34.5	44.21	54.0	7.6	V
5354.600	46.4	-32.3	34.5	44.19	54.0	7.6	V
11007.200	32.2	-29.9	37.9	24.16	54.0	21.8	H
15870.400	35.7	-24.0	40.6	19.07	54.0	18.3	V
17756.800	37.9	-22.3	41.3	18.94	54.0	16.1	V
17884.000	38.0	-22.6	41.3	19.29	54.0	16.0	H

Channel 106

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)
5454.800	43.1	-32.7	34.6	41.20	54.0	10.9	V
5457.400	43.2	-32.7	34.6	41.28	54.0	10.8	V
11060.000	32.0	-29.9	38.0	23.93	54.0	22.0	H
17748.000	38.0	-22.3	41.2	19.02	54.0	16.0	V
17835.200	38.0	-22.5	41.3	19.22	54.0	16.0	V
17928.000	38.3	-22.7	41.3	19.73	54.0	15.7	V

Channel 138

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)
5435.800	38.5	-32.6	34.6	36.53	54.0	15.5	V
5435.800	38.5	-32.6	34.6	36.59	54.0	15.5	V
11380.000	32.2	-29.8	38.4	23.65	54.0	21.8	H
17722.400	38.1	-22.2	41.2	19.05	54.0	15.9	V
17744.000	38.1	-22.3	41.2	19.15	54.0	15.9	V
17908.000	38.3	-22.6	41.3	19.66	54.0	15.7	V

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Channel 50

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)
5147.400	47.5	-33.3	34.3	46.48	54.0	6.5	V
5149.800	47.7	-33.3	34.3	46.66	54.0	6.3	V
10860.800	31.8	-29.8	37.8	23.78	54.0	22.2	V
15750.400	35.5	-24.3	40.5	19.30	54.0	18.5	V
17777.280	37.9	-22.4	41.3	18.95	54.0	16.1	V
17839.200	38.0	-22.5	41.3	19.21	54.0	16.0	H

Channel 114

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)
5438.400	50.0	-32.6	34.6	48.07	54.0	4.0	V
5441.600	49.8	-32.6	34.6	47.92	54.0	4.2	V
11140.000	31.7	-30.4	38.1	23.98	54.0	22.3	H
17732.800	38.1	-22.3	41.2	19.06	54.0	15.9	V
17823.200	37.9	-22.5	41.3	19.11	54.0	16.1	V
17912.800	38.4	-22.6	41.3	19.72	54.0	15.6	H

PEAK Results:
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Channel 36

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)
5143.885	54.4	-33.3	34.3	53.43	74.0	19.6	H
5148.505	54.2	-33.3	34.3	53.19	74.0	19.8	H
10359.950	43.7	-29.7	37.6	35.78	68.3	24.6	H
15539.850	51.5	-24.5	40.1	35.83	74.0	22.5	V
16602.450	56.2	-23.3	41.6	37.93	68.3	12.1	V
17065.000	56.4	-23.0	42.1	37.28	68.3	11.9	H

Channel 40

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)
5167.600	53.2	-33.2	34.3	52.13	68.3	15.1	H
5271.600	53.6	-33.0	34.3	52.28	68.3	14.7	H
10400.100	45.2	-29.3	37.7	36.84	68.3	23.1	H
15599.800	50.9	-24.5	40.2	35.23	74.0	23.1	V
16815.300	56.1	-23.0	41.9	37.18	68.3	12.2	H
17492.350	57.3	-23.0	41.6	38.63	68.3	11.0	H

Channel 48

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)
5198.400	52.7	-33.2	34.3	51.68	74.0	21.3	H
5289.800	53.1	-32.7	34.3	51.45	74.0	21.0	H
10479.850	44.5	-29.6	37.8	36.32	68.3	23.8	V
15720.250	51.9	-24.4	40.4	35.93	74.0	22.1	V
16959.400	56.2	-23.0	42.1	37.11	68.3	12.1	V
17591.900	56.1	-22.3	41.6	36.79	68.3	12.2	H

Channel 52

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)
5231.000	53.2	-33.4	34.3	52.28	68.3	15.1	V
5291.200	54.2	-32.7	34.3	52.58	68.3	14.1	H
10520.000	44.3	-29.6	37.8	36.13	68.3	24.0	H
15780.200	50.9	-24.2	40.4	34.63	68.3	17.4	V
16848.300	55.0	-23.0	42.0	35.97	68.3	13.3	V
17000.100	55.7	-23.0	42.2	36.54	68.3	12.6	H

Channel 56

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)
5230.000	53.6	-33.4	34.3	52.61	68.3	14.8	V
5338.000	54.0	-32.3	34.3	52.04	68.3	14.3	H
10560.150	44.6	-29.4	37.8	36.26	68.3	23.7	H
15840.150	52.5	-24.1	40.5	36.10	74.0	21.5	V
17017.700	55.3	-23.0	42.2	36.19	68.3	13.0	H
17493.450	56.1	-22.9	41.6	37.43	68.3	12.2	V

Channel 64

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)
5350.812	56.2	-32.3	34.3	54.14	74.0	17.8	H
5353.958	56.1	-32.3	34.3	54.02	74.0	17.9	V
10639.900	45.2	-29.3	37.9	36.69	74.0	28.8	V
15960.050	52.3	-23.8	40.7	35.48	74.0	21.7	V
16815.850	56.1	-23.0	41.9	37.20	68.3	12.2	H
17095.250	55.4	-23.0	42.1	36.38	68.3	12.9	H

Channel 100

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)
5455.960	54.9	-32.7	34.4	53.22	74.0	19.1	V
5458.810	55.3	-32.7	34.4	53.62	74.0	18.7	H
11000.000	46.7	-29.9	38.0	38.60	74.0	27.3	H
16500.000	55.0	-23.2	41.5	36.65	68.3	13.3	H
16918.150	56.8	-23.0	42.1	37.77	68.3	11.5	H
17234.950	56.7	-22.8	41.9	37.62	68.3	11.6	H

Channel 120

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)
5534.400	53.5	-32.6	34.5	51.63	68.3	14.8	H
5671.400	54.1	-32.8	34.7	52.19	68.3	14.2	H
11200.000	47.2	-30.4	38.1	39.51	74.0	26.8	V
16800.000	55.2	-23.0	41.9	36.27	68.3	13.1	V
17112.300	56.5	-23.0	42.1	37.53	68.3	11.8	V
17520.950	56.6	-22.8	41.6	37.81	68.3	11.7	V

Channel 140

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)
5730.875	55.3	-33.0	34.8	53.44	68.3	13.0	V
5735.863	55.6	-33.0	34.8	53.76	68.3	12.7	H
11400.000	46.4	-29.7	38.2	38.01	74.0	27.6	V
17100.000	55.7	-23.0	42.1	36.70	68.3	12.6	H
16746.550	56.5	-23.1	41.8	37.72	68.3	11.8	H
16892.600	56.7	-23.0	42.1	37.70	68.3	11.6	H

Channel 144

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)
5624.400	53.8	-32.8	34.6	52.01	68.3	14.5	H
5803.800	54.7	-32.7	35.0	52.44	68.3	13.6	V
11440.000	46.0	-29.5	38.2	37.28	74.0	28.0	H
17160.150	53.7	-23.0	42.0	34.69	68.3	14.6	H
17330.100	55.8	-22.9	41.8	36.88	68.3	12.5	V
17510.500	56.4	-22.8	41.6	37.62	68.3	11.9	V

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Channel 36

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)
5079.048	53.9	-33.5	34.2	53.15	74.0	20.1	H
5141.610	54.7	-33.3	34.3	53.72	74.0	19.3	H
10359.950	45.1	-29.7	37.6	37.15	68.3	23.2	V
15539.850	51.6	-24.5	40.1	35.96	74.0	22.4	H
16818.000	56.0	-23.0	41.9	37.10	68.3	12.3	H
16993.500	57.0	-23.0	42.2	37.80	68.3	11.3	H

Channel 40

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)
5139.200	53.2	-33.3	34.3	52.22	74.0	20.8	H
5255.000	52.9	-33.2	34.3	51.73	68.3	15.4	V
10400.100	44.5	-29.3	37.7	36.12	68.3	23.8	H
15599.800	50.8	-24.5	40.2	35.08	74.0	23.2	H
16867.550	55.9	-23.0	42.0	36.86	68.3	12.4	V
17032.550	56.4	-23.0	42.2	37.23	68.3	11.9	V

Channel 48

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)
5179.200	53.1	-33.2	34.3	52.07	74.0	20.9	H
5296.200	53.8	-32.7	34.3	52.10	74.0	20.2	H
10479.850	44.8	-29.6	37.8	36.55	68.3	23.5	H
15720.250	50.7	-24.4	40.4	34.70	74.0	23.3	V
16921.450	56.4	-23.0	42.1	37.35	68.3	11.9	H
17114.500	56.2	-23.0	42.1	37.20	68.3	12.1	V

Channel 52

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)
5232.600	55.0	-33.4	34.3	54.04	68.3	13.3	V
5303.000	54.5	-32.6	34.3	52.82	68.3	13.8	H
10520.000	44.1	-29.6	37.8	35.91	68.3	24.2	V
15780.200	52.1	-24.2	40.4	35.87	74.0	21.9	H
16966.550	56.0	-23.0	42.2	36.86	68.3	12.3	H
17486.300	56.3	-23.0	41.6	37.71	68.3	12.0	V

Channel 56

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)
5216.800	53.3	-33.3	34.3	52.35	68.3	15.0	H
5328.200	54.6	-32.4	34.3	52.64	68.3	13.7	V
10560.150	43.6	-29.4	37.8	35.17	68.3	24.7	V
15840.150	52.7	-24.1	40.5	36.28	74.0	21.3	V
17099.650	56.3	-23.0	42.1	37.25	68.3	12.0	H
17572.650	55.9	-22.4	41.6	36.78	68.3	12.4	V

Channel 64

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)
5350.421	58.6	-32.3	34.3	56.53	74.0	15.4	H
5352.068	58.0	-32.3	34.3	55.94	74.0	16.0	V
10639.900	43.9	-29.3	37.9	35.31	74.0	30.1	H
15960.050	52.2	-23.8	40.7	35.35	74.0	21.8	V
17120.000	56.0	-23.0	42.1	36.96	68.3	12.3	H
17584.750	57.0	-22.3	41.6	37.78	68.3	11.3	H

Channel 100

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)
5452.360	55.2	-32.7	34.4	53.56	74.0	18.8	V
5454.130	54.7	-32.7	34.4	52.98	74.0	19.3	V
11000.000	46.7	-29.9	38.0	38.61	74.0	27.3	V
16500.000	54.9	-23.2	41.5	36.58	68.3	13.4	H
16793.350	56.0	-23.0	41.9	37.13	68.3	12.3	H
16886.800	56.7	-23.0	42.0	37.64	68.3	11.6	V

Channel 120

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)
5529.800	53.9	-32.6	34.5	52.09	68.3	14.4	H
5666.400	54.2	-32.8	34.7	52.36	68.3	14.1	H
11200.000	47.2	-30.4	38.1	39.58	74.0	26.8	V
16800.000	55.2	-23.0	41.9	36.28	68.3	13.1	V
16988.560	56.1	-23.0	42.2	36.89	68.3	12.2	H
17040.250	56.4	-23.0	42.2	37.29	68.3	11.9	V

Channel 140

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)
5725.288	56.0	-33.0	34.8	54.19	68.3	12.3	V
5727.088	56.0	-33.0	34.8	54.13	68.3	12.3	H
11400.000	46.5	-29.7	38.2	38.08	74.0	27.5	H
17100.000	55.8	-23.0	42.1	36.75	68.3	12.5	V
1728.800	55.9	-35.4	29.9	61.44	68.3	12.4	V
17560.550	56.2	-22.5	41.6	37.12	68.3	12.1	V

Channel 144

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)
5663.000	54.0	-32.8	34.7	52.18	68.3	14.3	V
5841.000	54.6	-32.5	35.0	52.08	68.3	13.7	H
11440.150	46.0	-29.5	38.2	37.29	74.0	28.0	H
17160.150	54.3	-23.0	42.0	35.25	68.3	14.0	H
17338.350	55.8	-22.9	41.8	36.89	68.3	12.5	V
17436.250	56.3	-23.1	41.7	37.72	68.3	12.0	V

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Channel 38

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)
5145.233	58.6	-33.3	34.3	57.58	74.0	15.4	V
5147.368	59.4	-33.3	34.3	58.45	74.0	14.6	V
10379.750	43.2	-29.5	37.7	35.03	68.3	25.1	H
15570.100	51.0	-24.5	40.2	35.36	74.0	23.0	H
16836.200	55.6	-23.0	42.0	36.59	68.3	12.7	V
17245.950	56.4	-22.8	41.9	37.34	68.3	11.9	V

Channel 46

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)
5161.400	53.5	-33.2	34.3	52.52	74.0	20.5	V
5316.600	54.0	-32.5	34.3	52.22	74.0	20.0	V
10460.050	45.0	-29.5	37.8	36.71	68.3	23.3	V
15690.000	50.9	-24.4	40.3	35.05	74.0	23.1	H
16942.900	56.0	-23.0	42.1	36.85	68.3	12.3	H
17245.950	56.4	-22.8	41.9	37.34	68.3	11.9	V

Channel 54

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)
5192.600	54.5	-33.2	34.3	53.44	74.0	19.5	V
5345.600	55.4	-32.3	34.3	53.35	74.0	18.6	V
10539.800	43.8	-29.5	37.8	35.56	68.3	24.5	V
15809.900	52.2	-24.1	40.5	35.86	74.0	21.8	V
16850.500	56.4	-23.0	42.0	37.43	68.3	11.9	V
17388.400	56.1	-23.0	41.7	37.41	68.3	12.2	H

Channel 62

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)
5350.029	61.7	-32.3	34.3	59.63	74.0	12.3	V
5352.500	61.5	-32.3	34.3	59.46	74.0	12.5	H
10620.100	44.8	-29.2	37.8	36.13	74.0	29.2	H
15929.800	52.1	-23.9	40.6	35.33	74.0	21.9	H
16930.800	56.2	-23.0	42.1	37.14	68.3	12.1	H
17585.850	57.6	-22.3	41.6	38.31	68.3	10.7	V

Channel 102

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)
5453.125	55.3	-32.7	34.4	53.64	74.0	18.7	V
5458.000	55.4	-32.7	34.4	53.71	74.0	18.6	V
11019.950	45.5	-29.8	38.0	37.35	74.0	28.5	H
16529.850	53.5	-23.2	41.5	35.16	68.3	14.8	H
17062.250	57.0	-23.0	42.1	37.88	68.3	11.3	V
17908.700	57.0	-22.6	41.5	38.07	74.0	17.0	V

Channel 118

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)
5506.200	55.2	-32.6	34.4	53.41	68.3	13.1	V
5658.600	54.4	-32.8	34.7	52.54	68.3	13.9	V
11180.000	46.1	-30.4	38.1	38.47	68.3	22.2	V
16770.200	54.4	-23.0	41.9	35.53	68.3	13.9	V
17528.650	56.4	-22.7	41.6	37.54	68.3	11.9	H
17740.400	57.8	-22.3	41.6	38.51	68.3	10.5	H

Channel 134

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)
5727.725	55.8	-33.0	34.8	54.01	68.3	12.5	V
5733.088	56.0	-33.0	34.8	54.14	68.3	12.3	H
11340.050	47.3	-30.0	38.1	39.18	74.0	26.7	V
17010.000	54.6	-23.0	42.2	35.39	68.3	13.7	V
17684.300	57.6	-22.1	41.6	38.15	68.3	10.7	V
17828.400	57.6	-22.5	41.5	38.51	74.0	16.4	H

Channel 142

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)
5638.800	54.4	-32.8	34.7	52.57	68.3	13.9	H
5790.200	54.3	-32.8	34.9	52.19	68.3	14.0	H
11419.800	46.5	-29.6	38.2	37.90	74.0	27.5	H
17129.900	54.9	-23.0	42.0	35.84	68.3	13.4	H
17287.750	56.3	-22.8	41.9	37.18	68.3	12.0	V
17512.150	56.3	-22.8	41.6	37.56	68.3	12.0	H

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Channel 36

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)
5138.968	54.8	-33.3	34.3	53.83	74.0	19.2	H
5148.890	55.1	-33.3	34.3	54.15	74.0	18.9	H
10359.950	44.7	-29.7	37.6	36.69	68.3	23.6	H
15539.850	50.9	-24.5	40.1	35.26	74.0	23.1	V
16879.100	55.5	-23.0	42.0	36.51	68.3	12.8	V
17220.100	56.6	-22.9	41.9	37.58	68.3	11.7	V

Channel 40

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)
5153.800	53.3	-33.3	34.3	52.31	68.3	15.0	H
5268.000	53.6	-33.0	34.3	52.27	68.3	14.7	V
10400.100	45.0	-29.3	37.7	36.63	68.3	23.3	H
15599.800	53.2	-24.5	40.2	37.51	74.0	20.8	V
16990.750	56.0	-23.0	42.2	36.79	68.3	12.3	H
17527.550	56.0	-22.7	41.6	37.13	68.3	12.3	V

Channel 48

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)
5172.000	54.1	-33.2	34.3	53.05	74.0	19.9	H
5317.200	54.4	-32.5	34.3	52.59	74.0	19.6	H
10479.850	43.5	-29.6	37.8	35.32	68.3	24.8	H
15720.250	52.0	-24.4	40.4	35.96	74.0	22.0	H
16892.850	56.3	-23.0	42.1	37.22	68.3	12.0	V
17462.650	55.9	-23.2	41.6	37.44	68.3	12.4	V

Channel 52

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)
5187.000	54.3	-33.2	34.3	53.18	74.0	19.7	H
5339.600	54.1	-32.3	34.3	52.08	74.0	19.9	V
10520.000	44.0	-29.6	37.8	35.84	68.3	24.3	H
15780.200	52.7	-24.2	40.4	36.43	74.0	21.3	H
17062.800	55.7	-23.0	42.1	36.57	68.3	12.6	H
17475.850	55.6	-23.1	41.6	37.06	68.3	12.7	H

Channel 56

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)
5241.000	53.9	-33.3	34.3	52.91	68.3	14.4	H
5337.800	53.8	-32.3	34.3	51.80	68.3	14.5	V
10560.150	44.0	-29.4	37.8	35.64	68.3	24.3	H
15840.150	51.4	-24.1	40.5	34.92	74.0	22.6	H
16929.700	55.6	-23.0	42.1	36.46	68.3	12.7	H
17297.100	56.9	-22.8	41.8	37.81	68.3	11.4	H

Channel 64

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)
5351.865	59.4	-32.3	34.3	57.32	74.0	14.6	H
5354.430	57.6	-32.3	34.3	55.57	74.0	16.4	V
14063.990	44.1	-25.4	39.1	30.46	74.0	29.9	V
15960.050	51.9	-23.8	40.7	35.09	74.0	22.1	V
17192.050	55.6	-22.9	42.0	36.60	68.3	12.7	V
17588.050	55.5	-22.3	41.6	36.20	68.3	12.8	V

Channel 100

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)
5426.020	55.1	-32.5	34.4	53.26	74.0	18.9	H
5438.695	55.1	-32.6	34.4	53.35	74.0	18.9	V
11000.150	46.9	-29.9	38.0	38.81	74.0	27.1	V
16500.150	53.5	-23.2	41.5	35.20	68.3	14.8	H
17424.700	57.1	-23.1	41.7	38.51	68.3	11.2	H
17964.250	56.8	-22.8	41.5	38.05	74.0	17.2	V

Channel 120

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)
5527.200	54.0	-32.6	34.5	52.14	68.3	14.3	V
5702.600	54.9	-32.9	34.8	53.06	68.3	13.4	V
11199.800	45.3	-30.4	38.1	37.65	74.0	28.7	V
16799.900	55.0	-23.0	41.9	36.06	68.3	13.3	H
17651.300	57.1	-22.1	41.6	37.61	68.3	11.2	H
17908.150	57.3	-22.6	41.5	38.41	74.0	16.7	V

Channel 140

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)
17975.2	53.5	-25.5	46.7	32.3	74	20.5	H
17945	53.3	-25.5	46.7	32.1	74	20.7	H
17878.5	53	-25.5	46.7	31.8	74	21	V
17949.4	53	-25.5	46.7	31.8	74	21	H
17917	52.9	-25.5	46.7	31.7	74	21.1	V
5726.2	64.8	-27.1	34.3	57.6	74	9.2	H

Channel 144

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)
5623.200	54.1	-32.8	34.6	52.32	68.3	14.2	H
5837.600	54.9	-32.5	35.0	52.38	68.3	13.4	V
11440.150	45.1	-29.5	38.2	36.43	74.0	28.9	V
17160.150	54.9	-23.0	42.0	35.85	68.3	13.4	V
17307.000	56.1	-22.8	41.8	37.08	68.3	12.2	H
17495.650	56.5	-22.9	41.6	37.85	68.3	11.8	V

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Channel 38

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)
5725.163	58.9	-33.0	34.8	57.06	68.3	9.4	V
5725.475	58.9	-33.0	34.8	57.02	68.3	9.4	H
11400.000	45.0	-29.7	38.2	36.54	74.0	29.0	H
17100.200	54.0	-23.0	42.1	34.95	68.3	14.3	H
17627.650	56.4	-22.1	41.6	36.88	68.3	11.9	H
17765.150	57.1	-22.3	41.5	37.90	74.0	16.9	H

Channel 46

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)
5152.600	53.9	-33.3	34.3	52.85	74.0	20.2	H
5293.600	55.3	-32.7	34.3	53.69	74.0	18.7	H
10460.050	44.0	-29.5	37.8	35.75	68.3	24.3	H
15690.000	50.4	-24.4	40.3	34.49	74.0	23.6	V
16709.700	55.8	-23.1	41.8	37.16	68.3	12.5	V
17247.050	56.4	-22.8	41.9	37.30	68.3	11.9	V

Channel 54

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)
5203.800	54.0	-33.3	34.3	52.96	68.3	14.3	V
5361.200	54.4	-32.3	34.3	52.31	68.3	13.9	V
10539.800	43.8	-29.5	37.8	35.49	68.3	24.5	H
15809.900	50.4	-24.1	40.5	34.03	74.0	23.6	V
16765.250	55.1	-23.0	41.9	36.24	68.3	13.2	V
17192.600	55.7	-22.9	42.0	36.62	68.3	12.6	H

Channel 62

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)
5350.272	60.9	-32.3	34.3	58.84	74.0	13.1	V
5354.066	60.8	-32.3	34.3	58.70	74.0	13.2	H
10620.100	43.5	-29.2	37.8	34.80	74.0	30.5	V
15929.800	52.1	-23.9	40.6	35.37	74.0	21.9	V
16911.000	56.3	-23.0	42.1	37.26	68.3	12.0	H
17561.100	56.7	-22.5	41.6	37.62	68.3	11.6	H

Channel 102

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)
5447.710	55.0	-32.7	34.4	53.32	74.0	19.0	V
5456.845	54.8	-32.7	34.4	53.13	74.0	19.2	H
11019.950	45.5	-29.8	38.0	37.34	74.0	28.5	H
16529.850	53.9	-23.2	41.5	35.60	68.3	14.4	V
17681.550	57.1	-22.1	41.6	37.67	68.3	11.2	V
17908.150	57.2	-22.6	41.5	38.36	74.0	16.8	H

Channel 118

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)
5508.400	55.5	-32.6	34.4	53.68	68.3	12.8	V
5662.000	54.5	-32.8	34.7	52.67	68.3	13.8	V
11180.000	45.3	-30.4	38.1	37.64	74.0	28.7	V
16770.200	53.7	-23.0	41.9	34.81	68.3	14.6	V
17732.150	56.5	-22.3	41.6	37.23	68.3	11.8	H
17899.350	57.7	-22.6	41.5	38.76	74.0	16.3	V

Channel 134

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)
5737.688	55.8	-33.0	34.8	53.94	68.3	12.5	H
5741.613	54.7	-33.0	34.8	52.80	68.3	13.6	V
11340.050	45.8	-30.0	38.1	37.68	74.0	28.2	H
17010.000	54.2	-23.0	42.2	35.06	68.3	14.1	H
17623.800	56.7	-22.1	41.6	37.24	68.3	11.6	H
17937.300	57.3	-22.7	41.5	38.49	74.0	16.7	H

Channel 142

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)
5612.600	54.5	-32.8	34.6	52.72	68.3	13.8	V
5815.800	54.6	-32.6	35.0	52.28	68.3	13.7	V
11419.800	46.6	-29.6	38.2	38.02	68.3	21.7	H
17129.900	53.9	-23.0	42.0	34.83	68.3	14.4	V
17249.800	55.5	-22.8	41.9	36.44	68.3	12.8	V
17413.700	56.1	-23.1	41.7	37.49	68.3	12.2	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)
5130.358	59.5	-33.3	34.3	58.48	74.0	14.5	H
5132.335	59.7	-33.3	34.3	58.75	74.0	14.3	V
10419.900	44.8	-29.3	37.5	36.60	68.3	23.5	V
15630.000	50.8	-24.5	40.4	34.96	68.3	17.5	H
16574.950	55.9	-23.3	41.4	37.77	68.3	12.4	H
16736.650	55.2	-23.1	41.5	36.70	68.3	13.1	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)
5350.961	53.7	-32.3	34.5	51.46	74.0	20.3	H
5354.052	63.4	-32.3	34.5	61.17	74.0	10.6	H
10579.950	45.1	-29.3	37.6	36.75	68.3	23.2	H
15869.850	51.9	-24.0	40.6	35.22	68.3	16.4	H
16836.750	55.9	-23.0	41.6	37.28	68.3	12.4	V
16970.400	56.4	-23.0	41.7	37.73	68.3	11.9	H

Channel 106

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)
5448.955	62.1	-32.7	34.6	60.26	74.0	11.9	V
5451.250	63.2	-32.7	34.6	61.34	74.0	10.8	V
11060.100	46.4	-29.9	38.0	38.29	68.3	21.9	H
16589.800	54.2	-23.3	41.5	36.07	68.3	14.1	V
16936.300	56.9	-23.0	41.7	38.22	68.3	11.4	H
17090.850	56.3	-23.0	41.6	37.76	68.3	12.0	V

Channel 138

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)
5578.000	55.5	-32.7	34.7	53.49	68.3	12.8	V
5798.000	54.7	-32.8	35.0	52.54	68.3	13.6	H
11380.200	46.1	-29.8	38.4	37.58	74.0	27.9	V
17069.950	54.3	-23.0	41.6	35.73	68.3	14.0	H
17193.700	55.6	-22.9	41.5	36.99	68.3	12.7	V
17304.250	56.0	-22.8	41.4	37.39	68.3	12.3	H

802.11ax-HT160
Channel 50

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)
5138.215	61.8	-33.3	34.3	60.84	68.3	6.5	V
5145.933	61.7	-33.3	34.3	60.68	68.3	6.6	H
10500.200	45.1	-29.7	37.6	37.18	68.3	23.2	V
15749.950	51.3	-24.3	40.5	35.10	74.0	22.7	V
16656.900	56.1	-23.2	41.5	37.85	68.3	12.2	V
17275.100	55.5	-22.8	41.4	36.86	68.3	12.8	V

Channel 114

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)
5428.915	65.3	-32.5	34.5	63.31	74.0	8.7	V
5454.010	65.6	-32.7	34.6	63.78	74.0	8.4	H
11139.850	46.3	-30.4	38.1	38.59	74.0	27.7	H
16710.250	54.4	-23.1	41.5	36.02	68.3	13.9	V
16825.750	56.3	-23.0	41.6	37.68	68.3	12.0	H
17077.100	55.6	-23.0	41.6	36.97	68.3	12.7	H

802.11ac-HT80
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)
5132.178	61.2	-33.3	34.3	60.25	74.0	12.8	H
5132.790	60.8	-33.3	34.3	59.76	74.0	13.2	H
10419.900	46.5	-29.3	37.5	38.30	68.3	21.8	H
15630.050	50.8	-24.5	40.4	34.94	74.0	23.2	V
16759.750	55.3	-23.0	41.6	36.79	68.3	13.0	V
16920.350	56.7	-23.0	41.7	38.05	68.3	11.6	H

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)
5352.450	63.7	-32.3	34.5	61.46	74.0	10.3	V
5353.593	62.8	-32.3	34.5	60.61	74.0	11.2	H
10579.950	44.1	-29.3	37.6	35.84	68.3	24.2	V
15869.580	54.5	-24.0	40.6	37.81	68.3	13.8	H
16871.400	55.5	-23.0	41.6	36.84	68.3	12.8	V
17170.050	56.3	-23.0	41.5	37.72	68.3	12.0	H

Channel 106

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)
5450.875	63.8	-32.7	34.6	61.98	74.0	10.2	V
5452.240	54.5	-32.7	34.6	52.67	74.0	19.5	V
11060.100	46.2	-29.9	38.0	38.12	68.3	22.1	H
16589.800	53.2	-23.3	41.5	35.02	68.3	15.1	V
16920.350	56.7	-23.0	41.7	38.05	68.3	11.6	V
17520.400	57.1	-22.8	41.2	38.62	68.3	11.2	V

Channel 138

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)
5554.000	53.9	-32.6	34.7	51.86	68.3	14.4	H
5786.000	55.2	-32.9	34.9	53.11	68.3	13.1	V
11380.200	45.4	-29.8	38.4	36.93	74.0	28.6	V
17069.950	54.7	-23.0	41.6	36.07	68.3	13.6	H
17197.550	56.8	-22.9	41.5	38.22	68.3	11.5	H
17285.550	57.4	-22.8	41.4	38.71	68.3	10.9	H

802.11ac-HT160

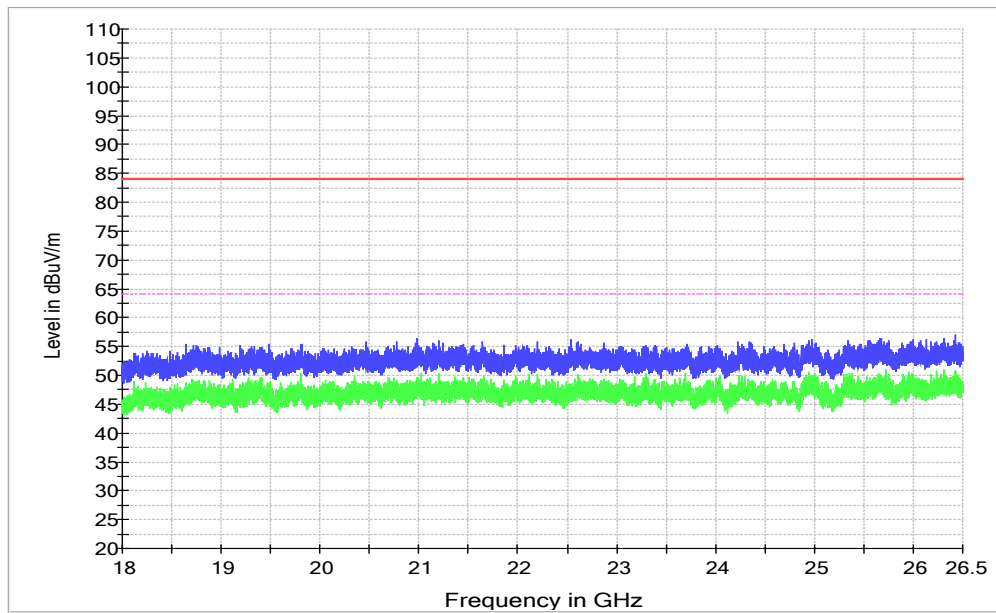
Channel 50

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)
5118.668	62.5	-33.4	34.3	61.58	68.3	5.8	V
5138.880	62.7	-33.3	34.3	61.67	68.3	5.6	V
10500.200	44.8	-29.7	37.6	36.82	68.3	23.5	V
15749.950	51.5	-24.3	40.5	35.26	68.3	16.8	H
17015.500	56.0	-23.0	41.7	37.32	68.3	12.3	H
17153.000	56.3	-23.0	41.5	37.73	68.3	12.0	V

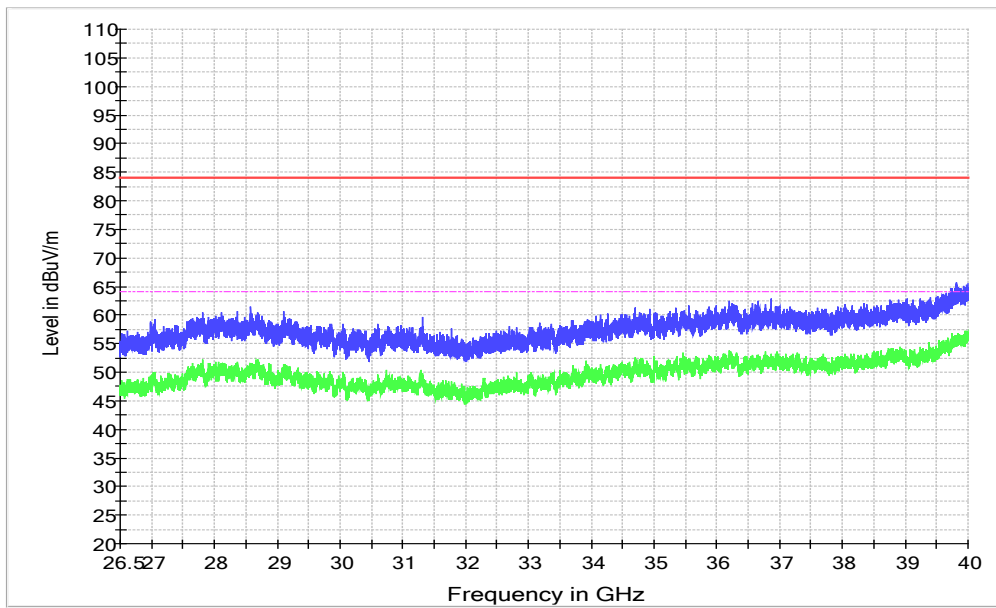
Channel 114

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)
5446.435	66.1	-32.7	34.6	64.21	74.0	7.9	H
5449.240	65.4	-32.7	34.6	63.56	74.0	8.6	V
11139.850	46.9	-30.4	38.1	39.21	68.3	21.4	H
16710.250	53.9	-23.1	41.5	35.47	68.3	14.4	H
17261.900	57.8	-22.8	41.4	39.15	68.3	10.5	V
17603.450	57.0	-22.2	41.2	38.01	68.3	11.3	V

WOSRT CASE 18GHz-26.5 GHz



WOSRT CASE 26.5GHz-40GHz

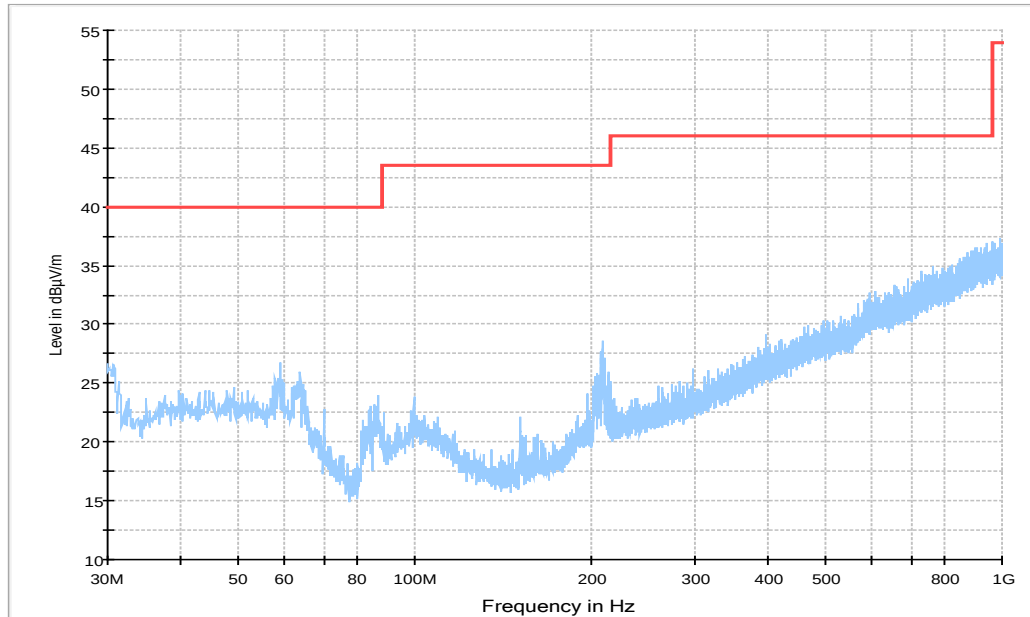


Note: the spurious emission above 18G is noise only

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

There are no emissions found below 30MHz with in 20dB of the limit.

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

Conclusion: PASS

Inpaq:

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

Conclusion: PASS
Test graphs as below:

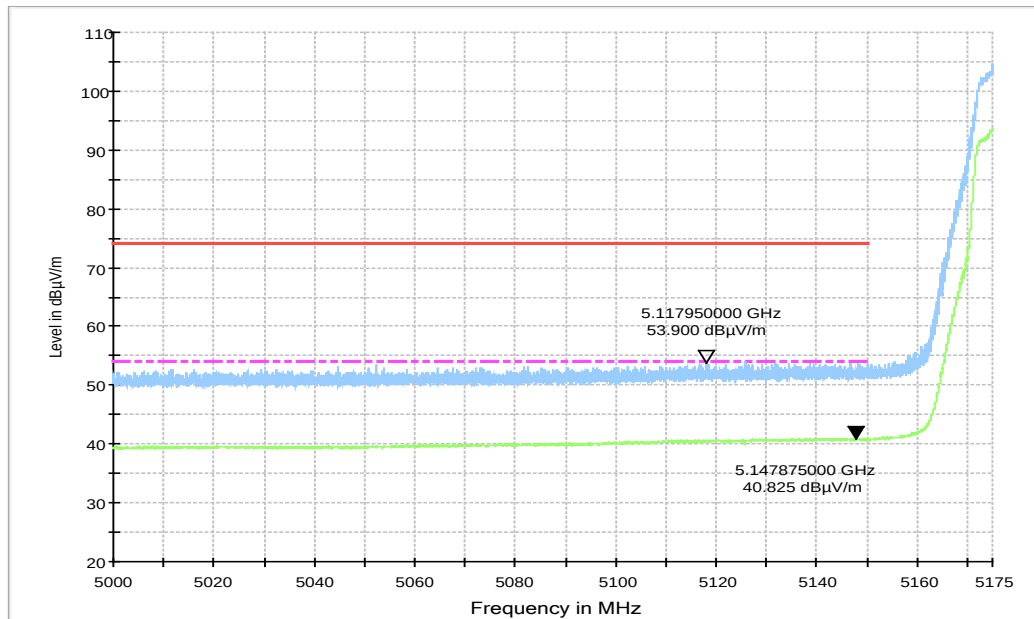


Fig.1 Band Edges (802.11a, 5180MHz)

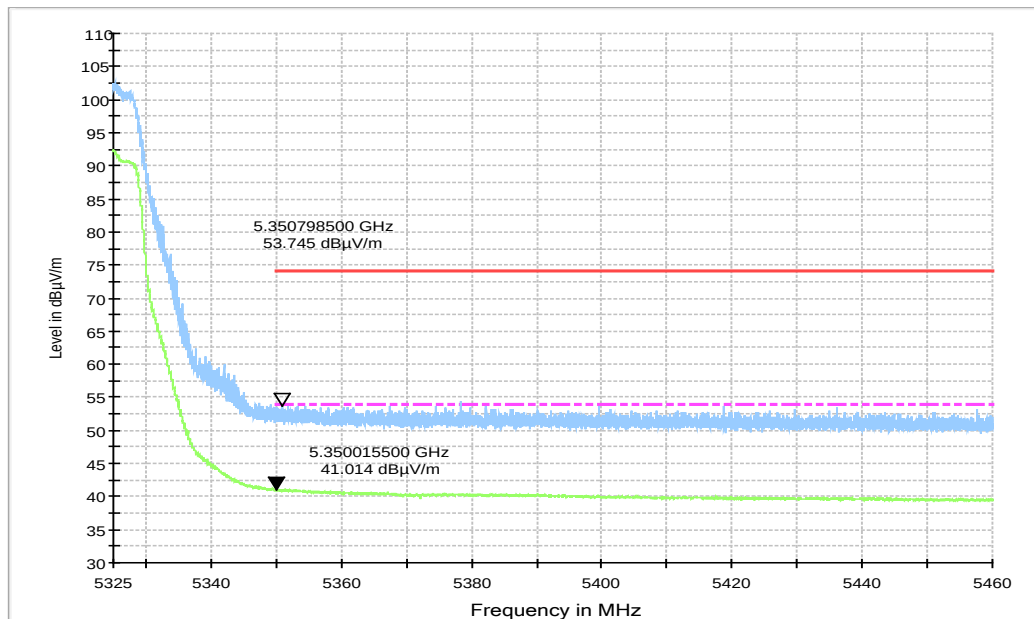


Fig.2 Band Edges (802.11a, 5320MHz)

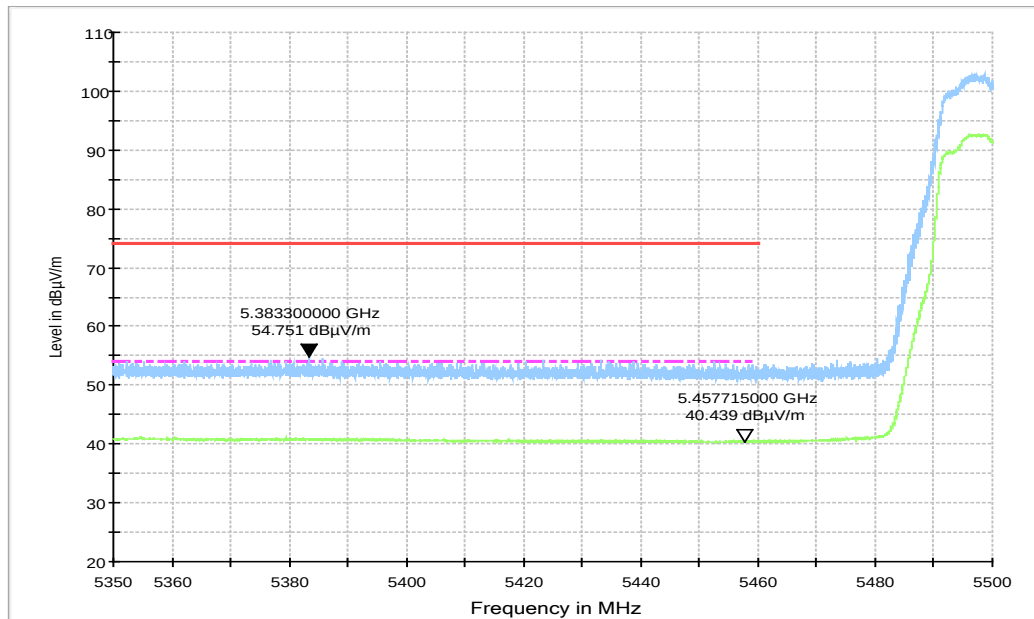


Fig.3 Band Edges (802.11a, 5500MHz)

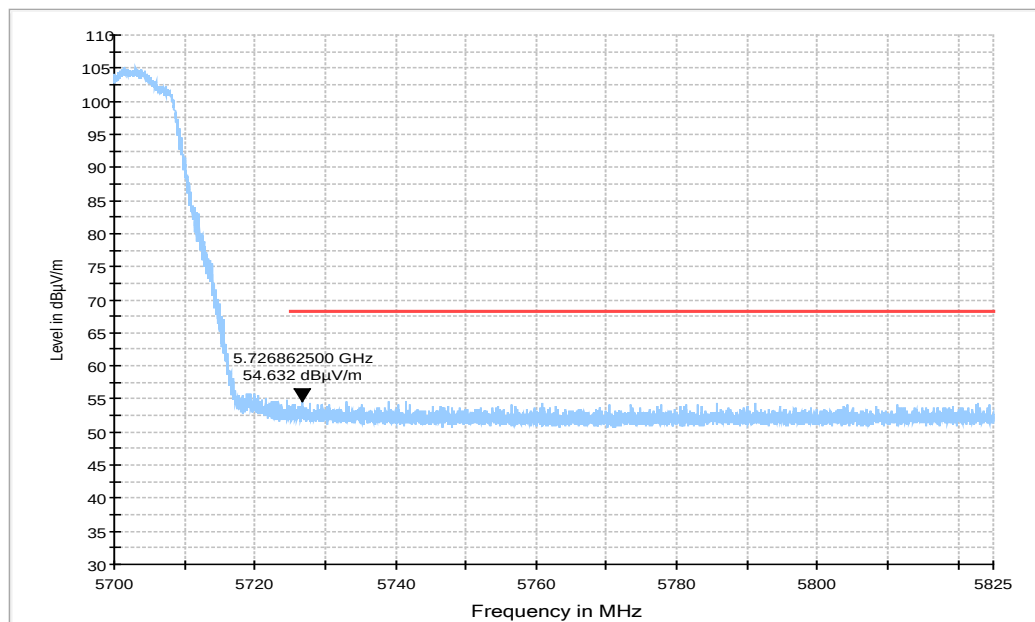


Fig.4 Band Edges (802.11a, 5700MHz)

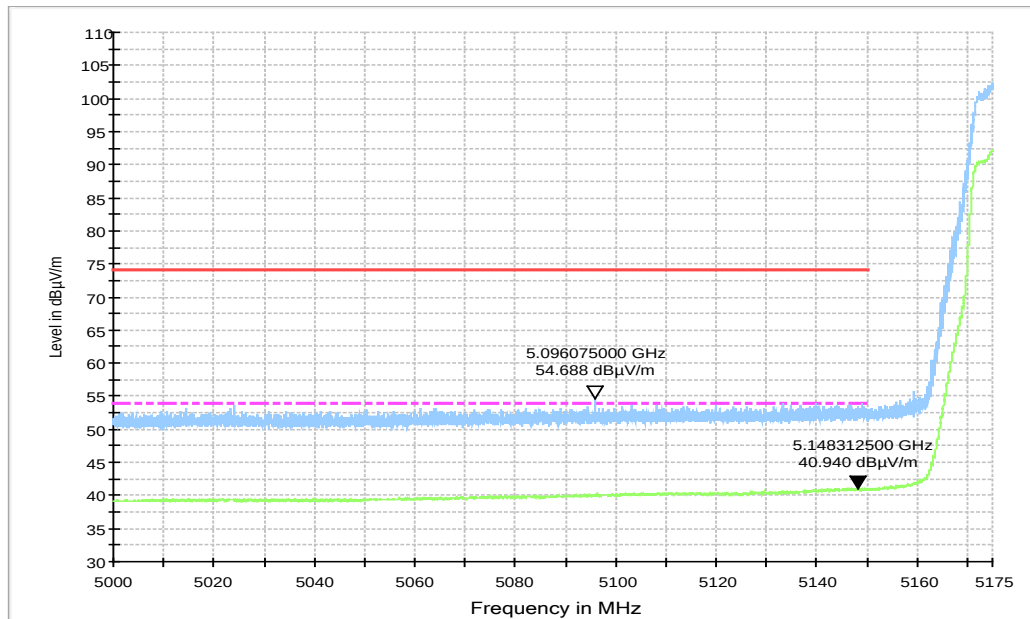


Fig.5 Band Edges (802.11n-HT20, 5180MHz)

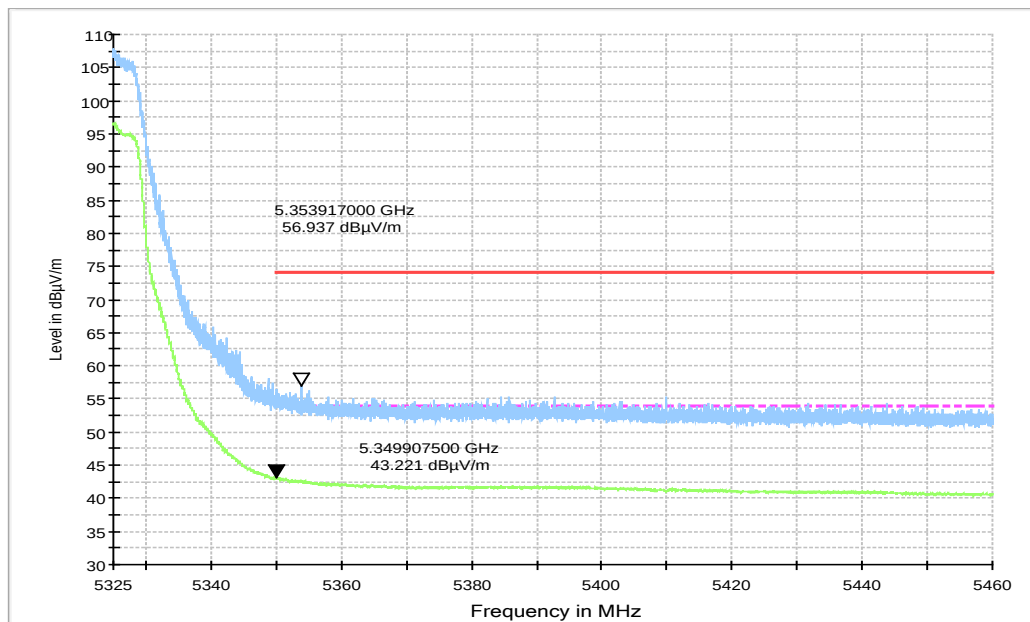


Fig.6 Band Edges (802.11n-HT20, 5320MHz)

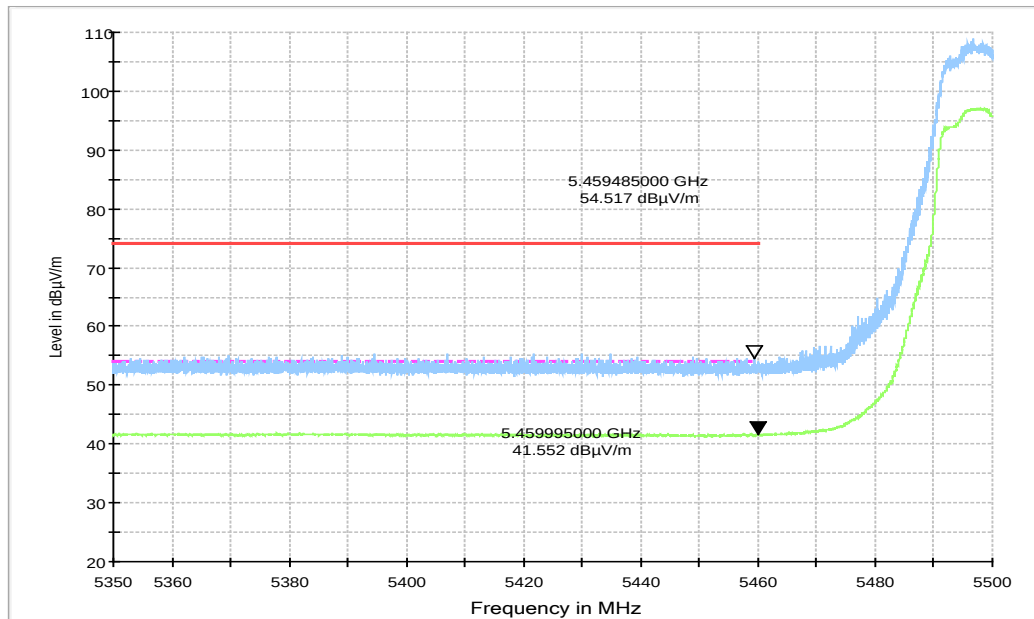


Fig.7 Band Edges (802.11n-HT20, 5500MHz)

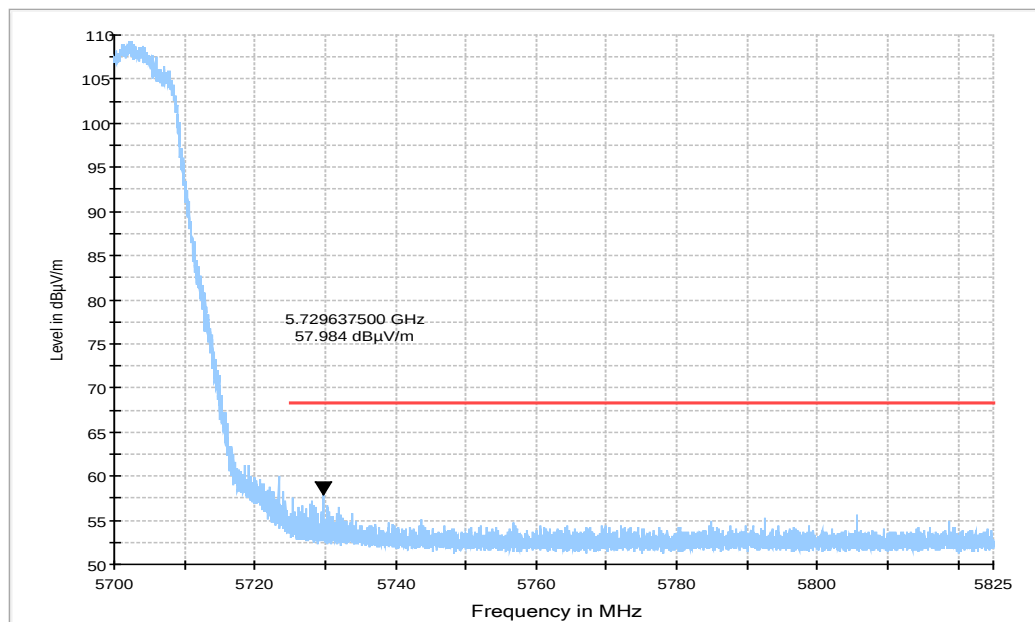


Fig.8 Band Edges (802.11n-HT20, 5700MHz)

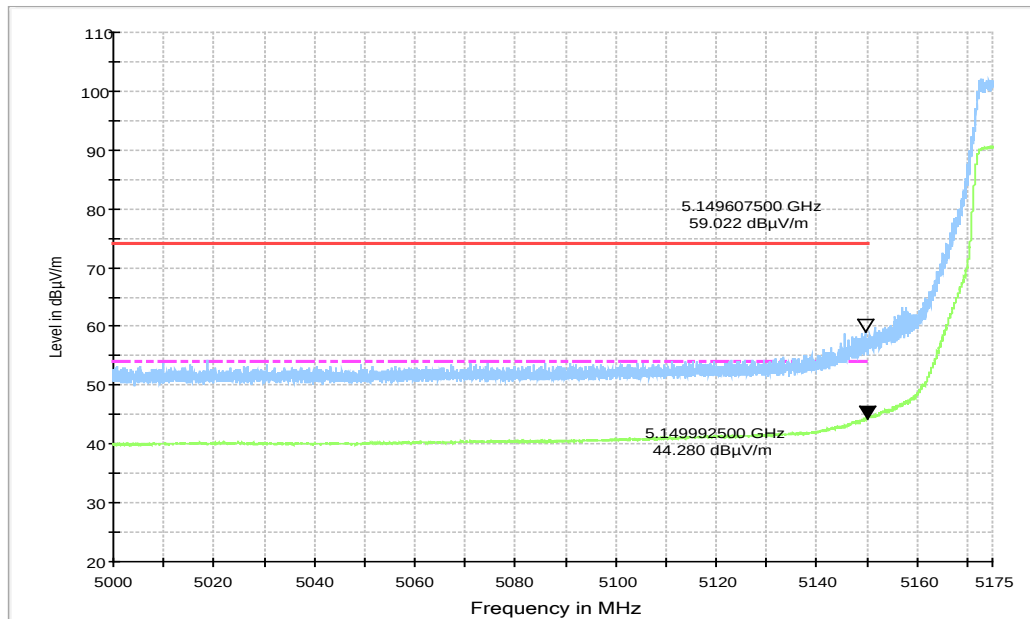


Fig.9 Band Edges (802.11n-HT40, 5190MHz)

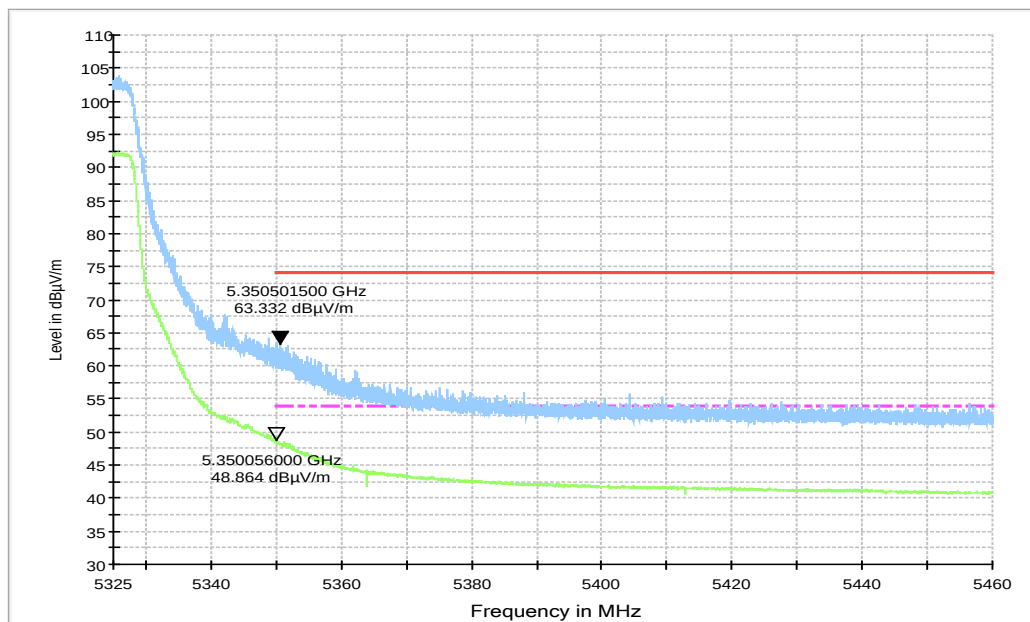


Fig.10 Band Edges (802.11n-HT40, 5310MHz)

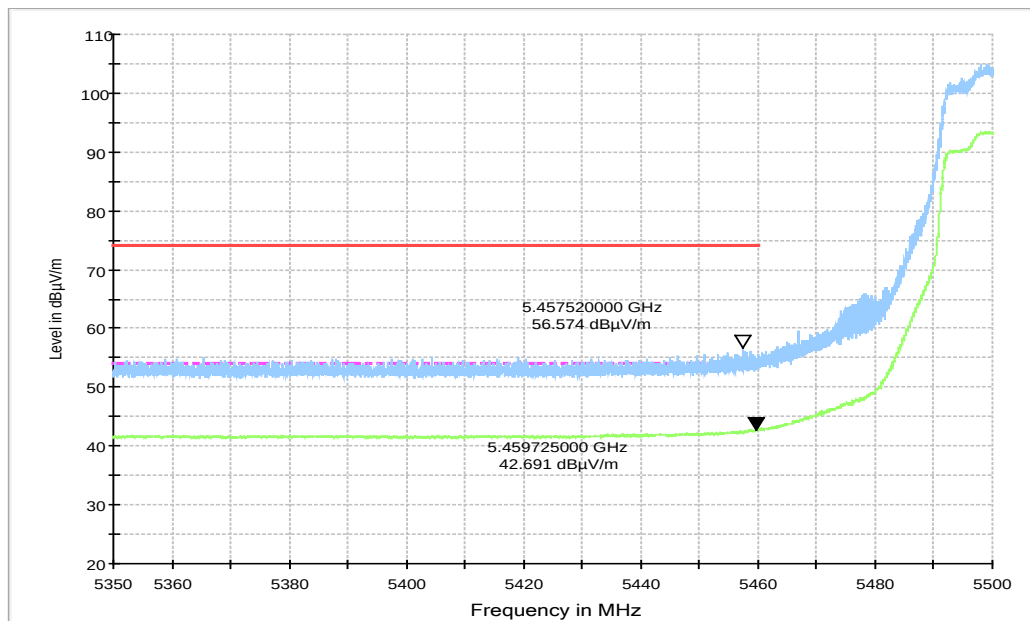


Fig.11 Band Edges (802.11n-HT40, 5510MHz)

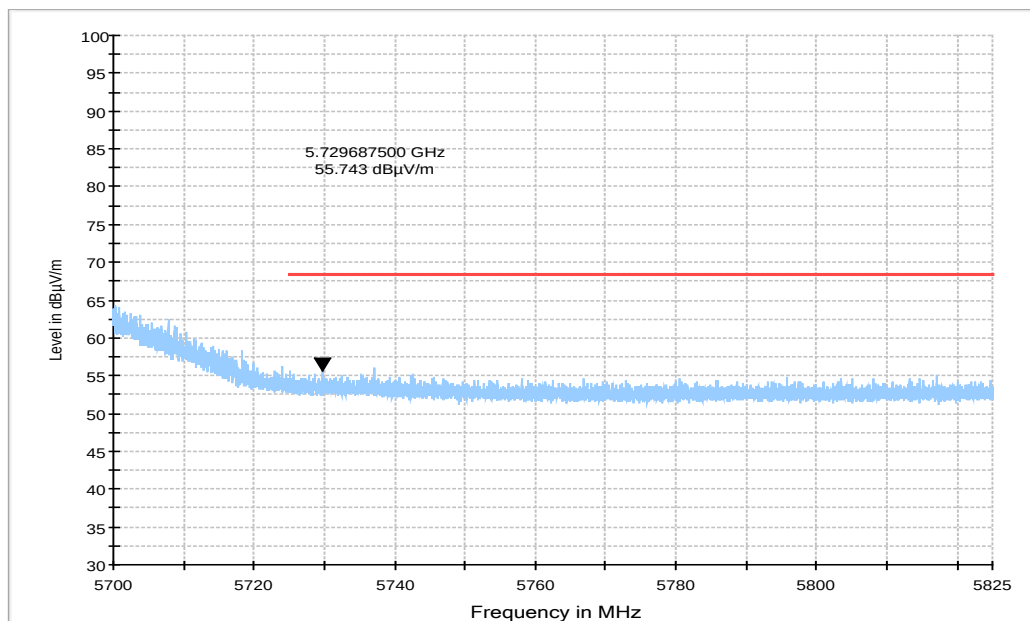


Fig.12 Band Edges (802.11n-HT40, 5670MHz)

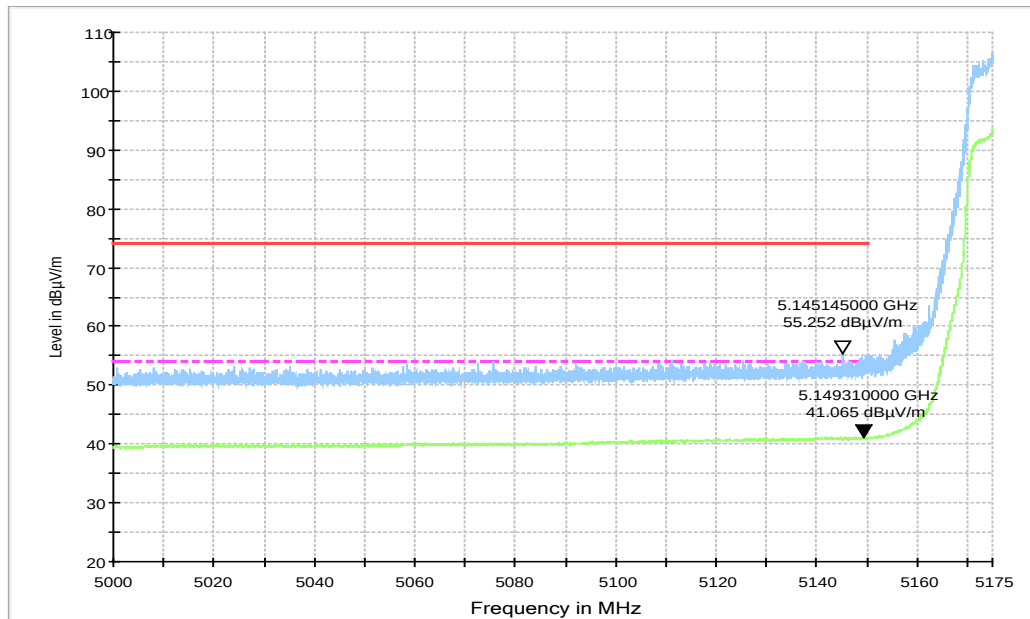


Fig.13 Band Edges (802.11ax-HT20, 5180MHz)

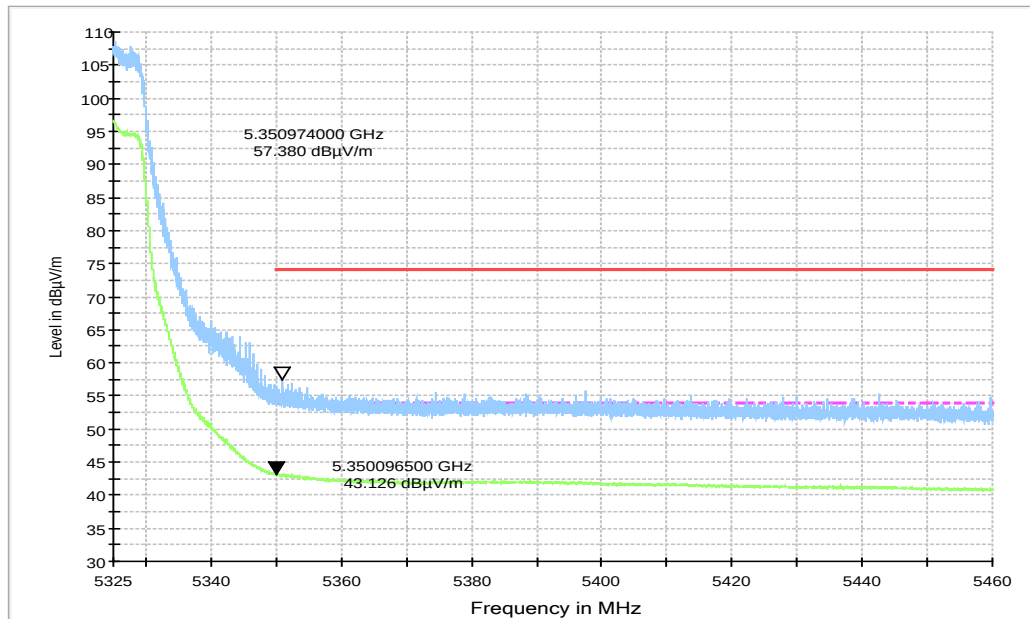


Fig.14 Band Edges (802.11ax-HT20, 5320MHz)

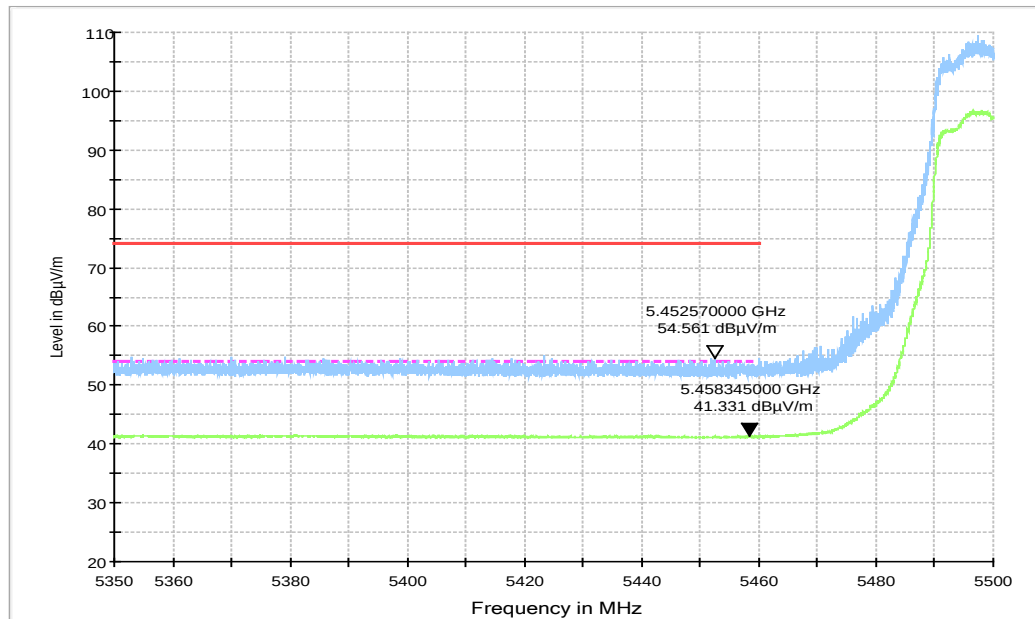


Fig.15 Band Edges (802.11ax-HT20, 5500MHz)

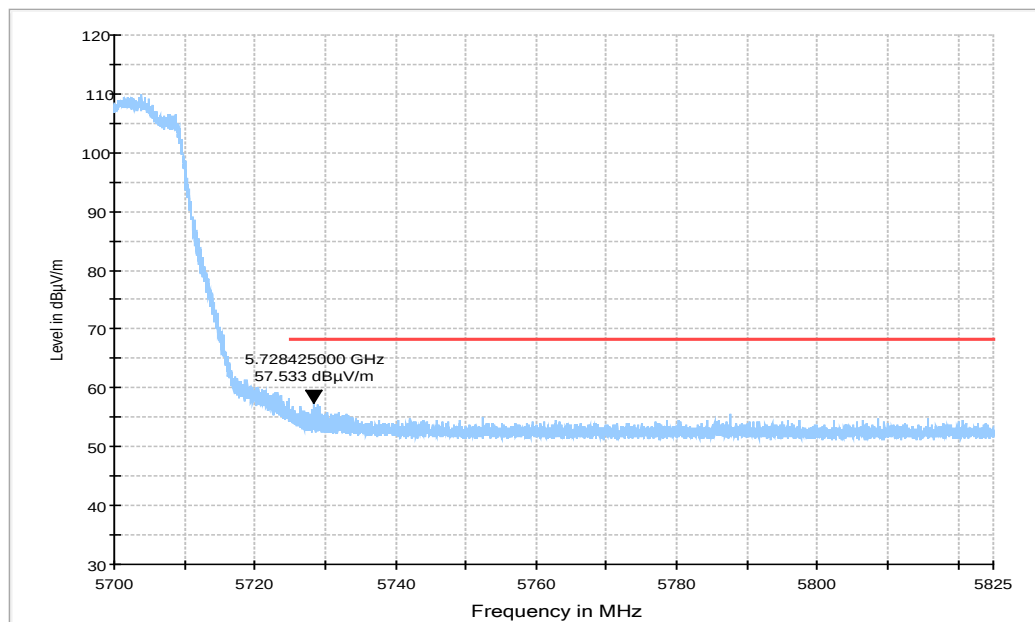


Fig.16 Band Edges (802.11ax-HT20, 5700MHz)

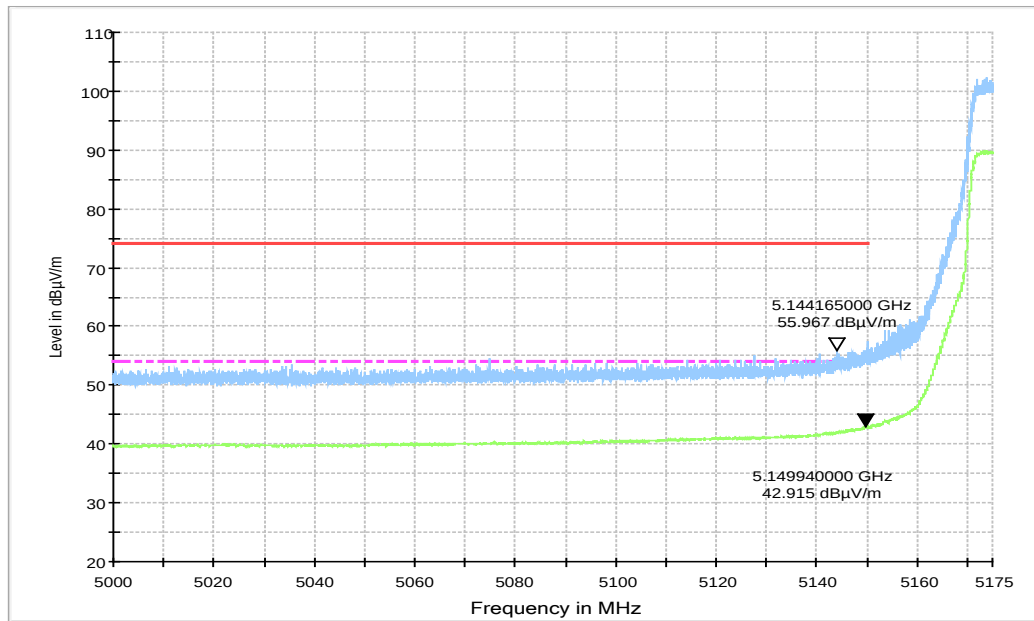


Fig.17 Band Edges (802.11ax-HT40, 5190MHz)

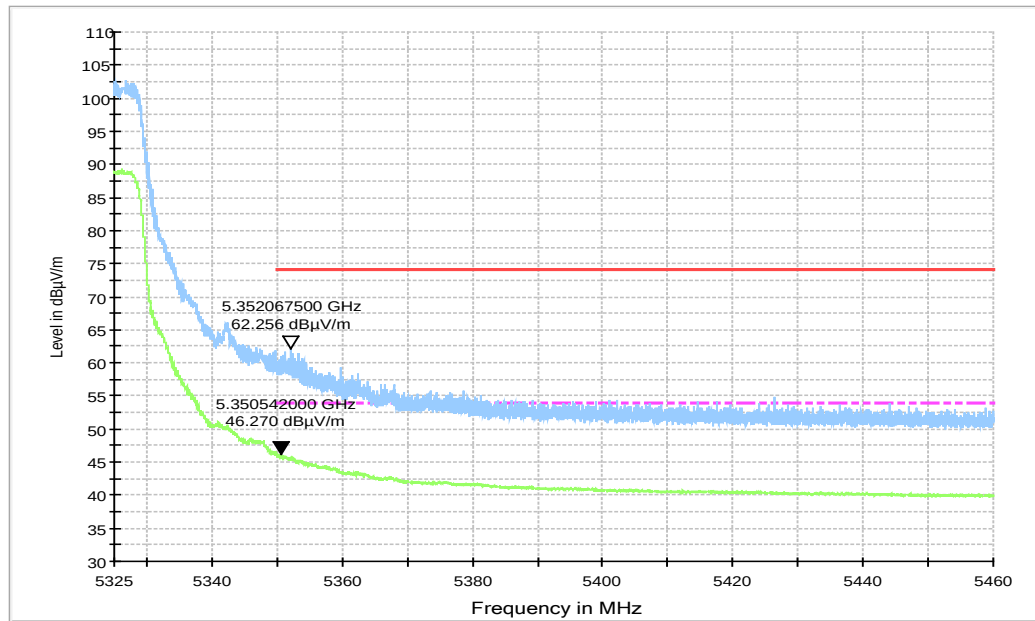


Fig.18 Band Edges (802.11ax-HT40, 5310MHz)

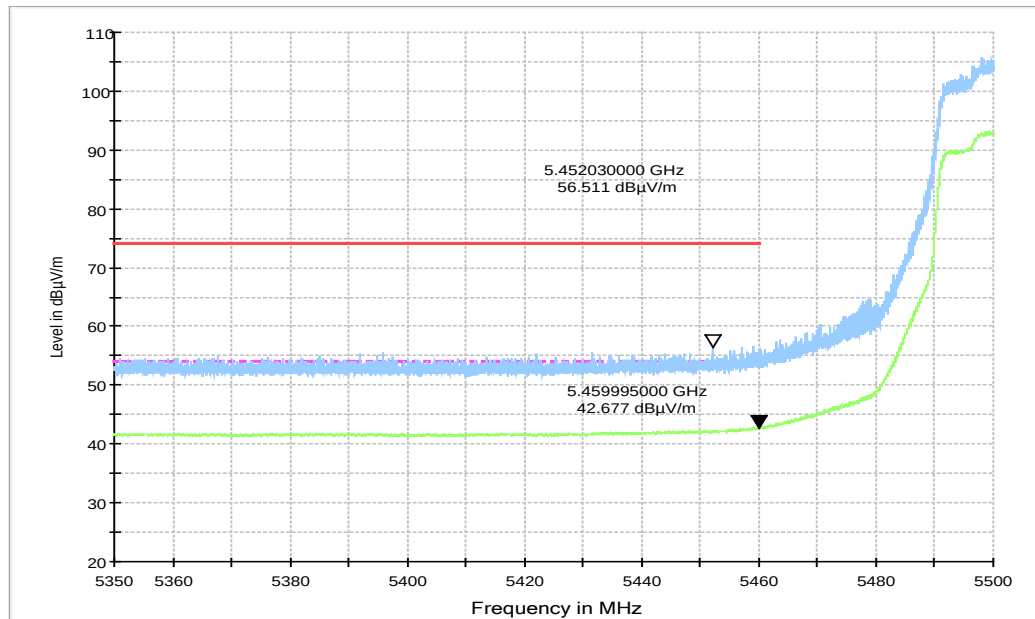


Fig.19 Band Edges (802.11ax-HT40, 5510MHz)

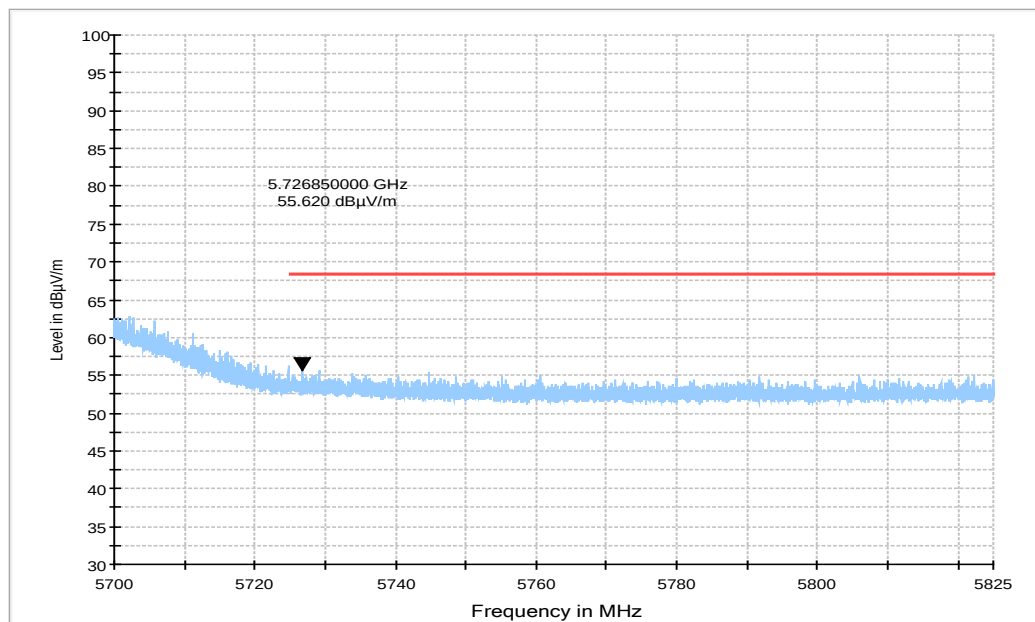


Fig.20 Band Edges (802.11ax-HT40, 5670MHz)

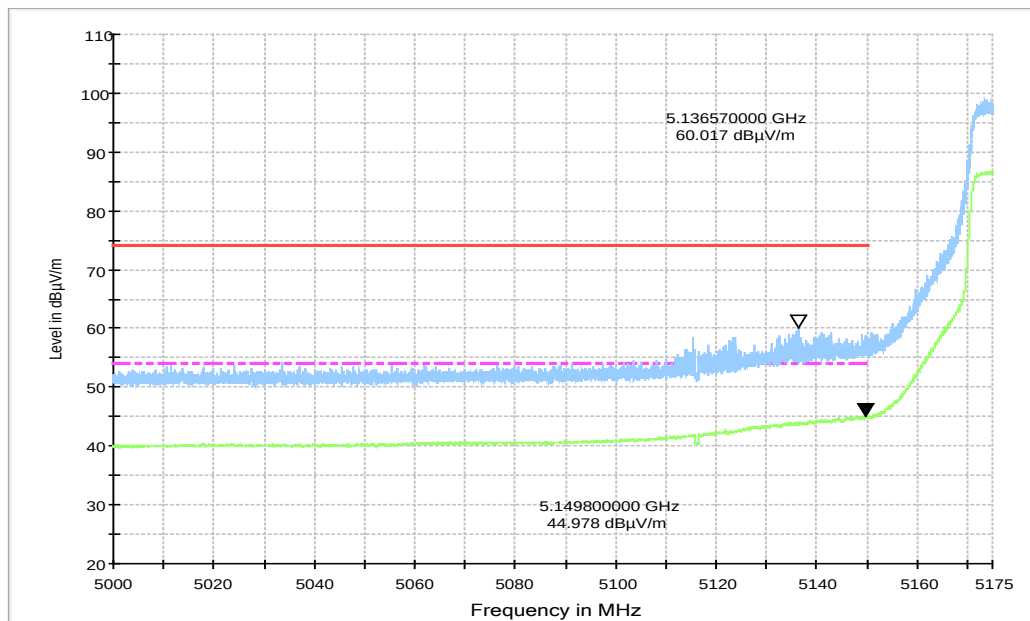


Fig.21 Band Edges (802.11ax-HT80, 5210MHz)

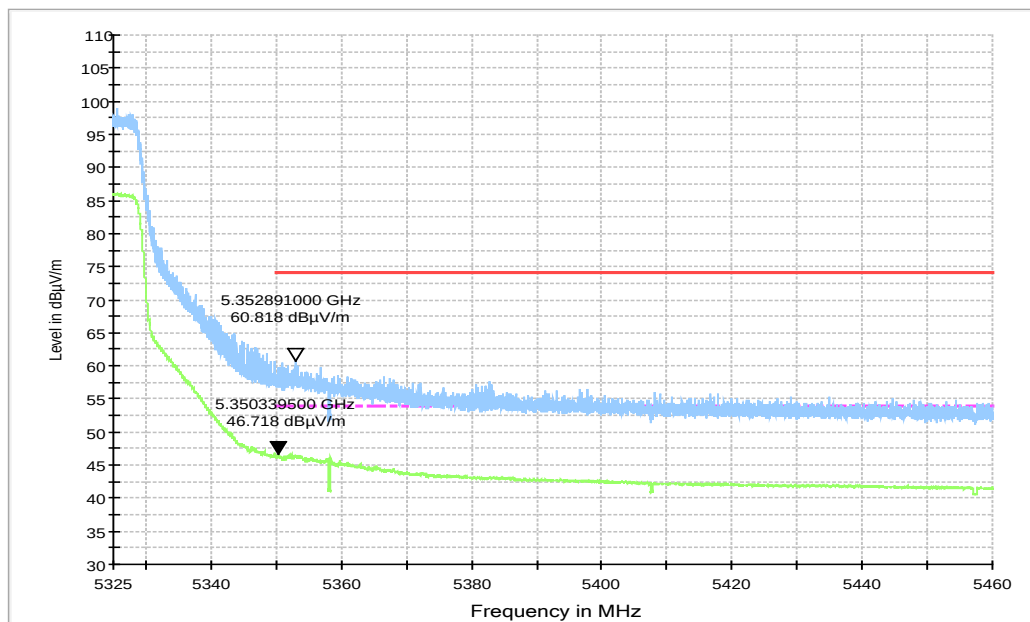


Fig.22 Band Edges (802.11ax-HT80, 5290MHz)

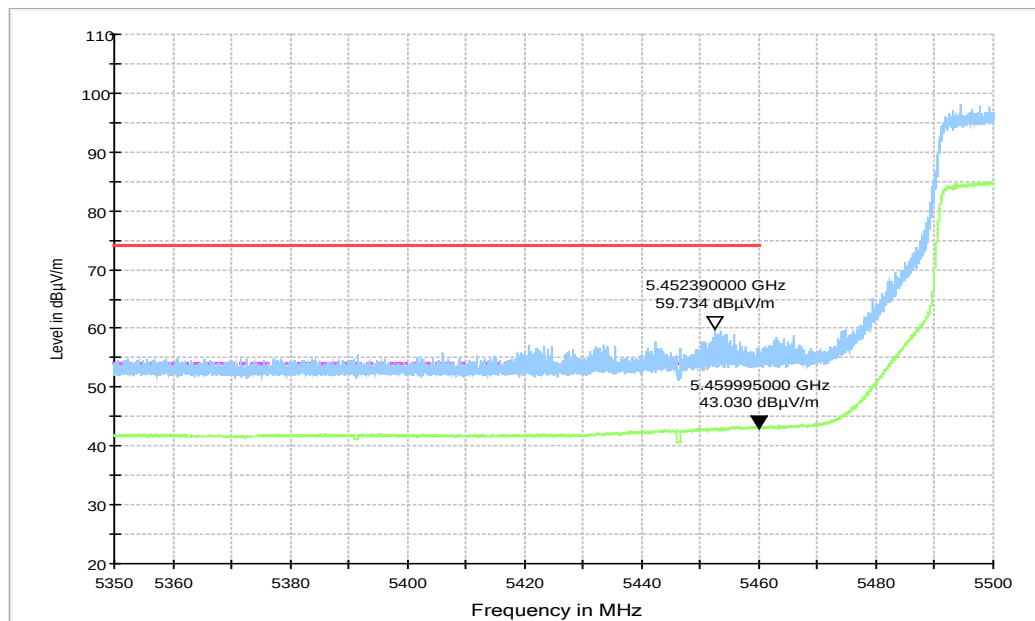


Fig.23 Band Edges (802.11ax-HT80, 5530MHz)

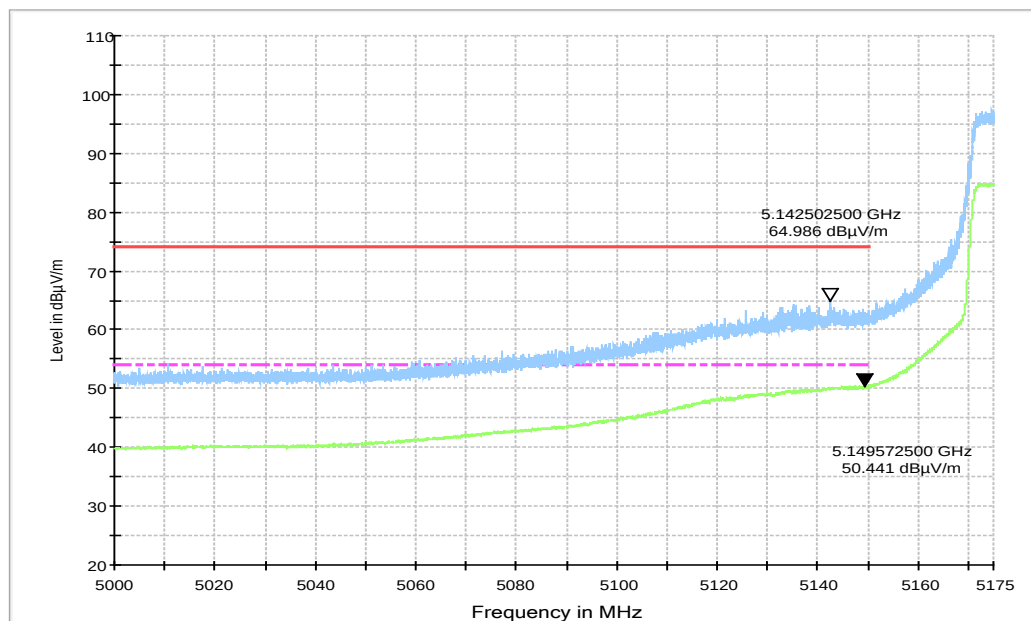


Fig.24 Band Edges (802.11ax-HT160, 5250MHz)

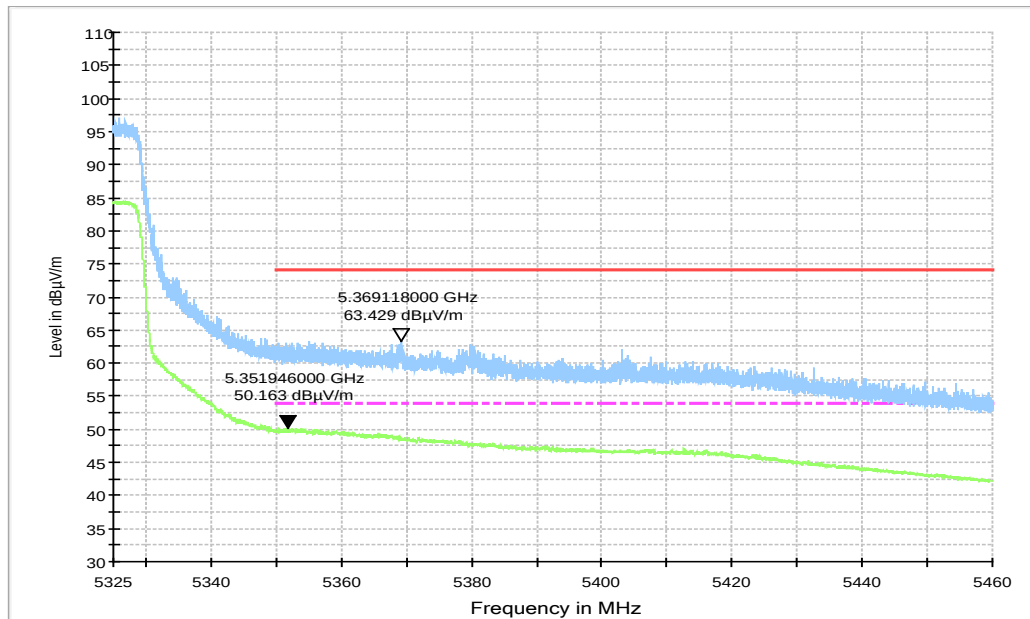


Fig.25 Band Edges (802.11ax-HT160, 5250MHz)

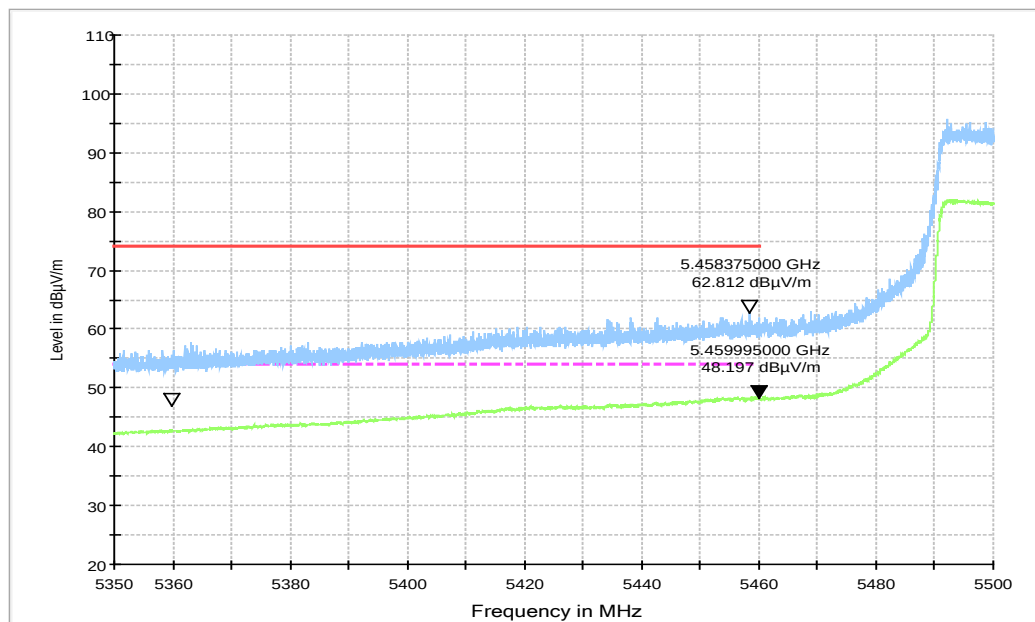


Fig.26 Band Edges (802.11ax-HT160, 5570MHz)

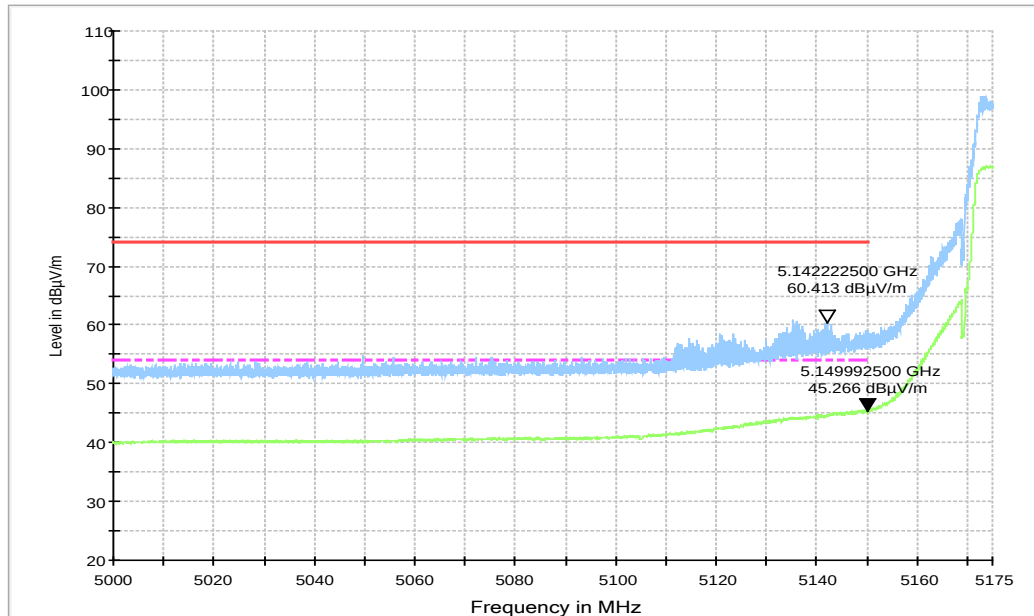


Fig.27 Band Edges (802.11ac-HT80, 5210MHz)

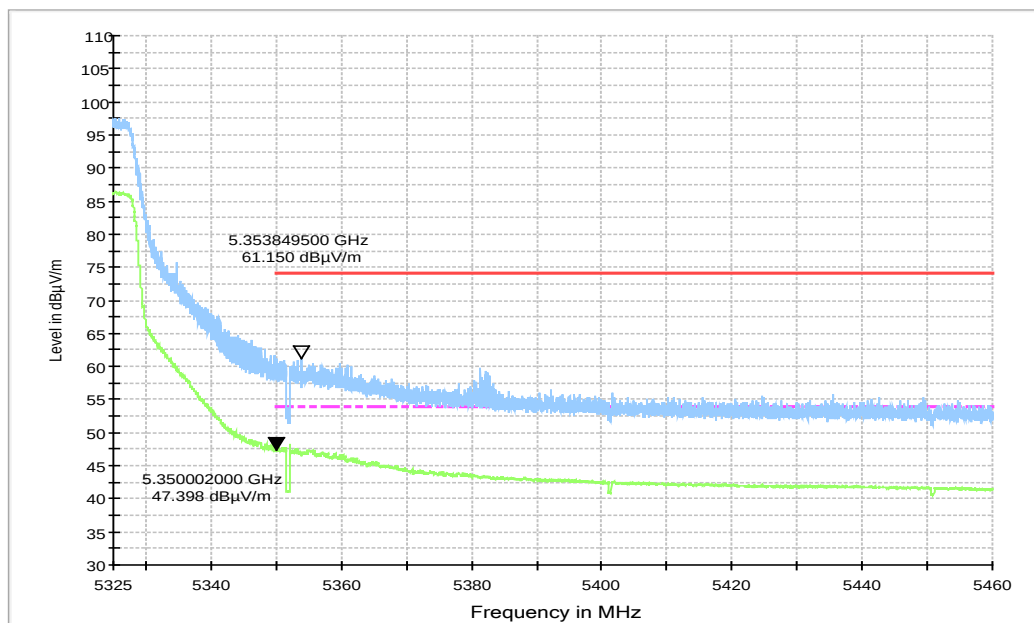


Fig.28 Band Edges (802.11ac-HT80, 5290MHz)

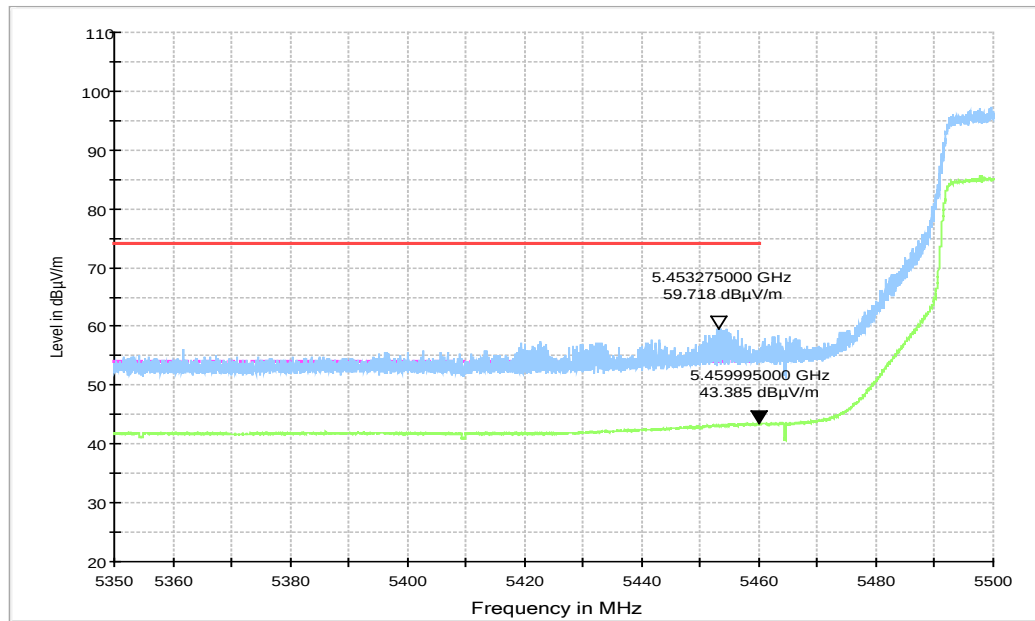


Fig.29 Band Edges (802.11ac-HT80, 5530MHz)

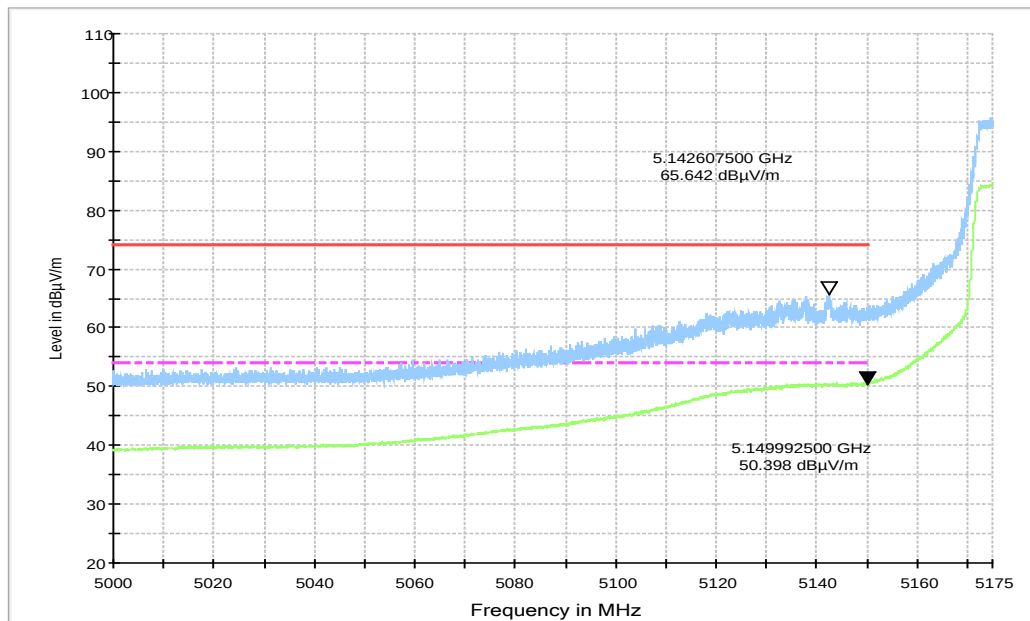


Fig.30 Band Edges (802.11ac-HT160, 5250MHz)

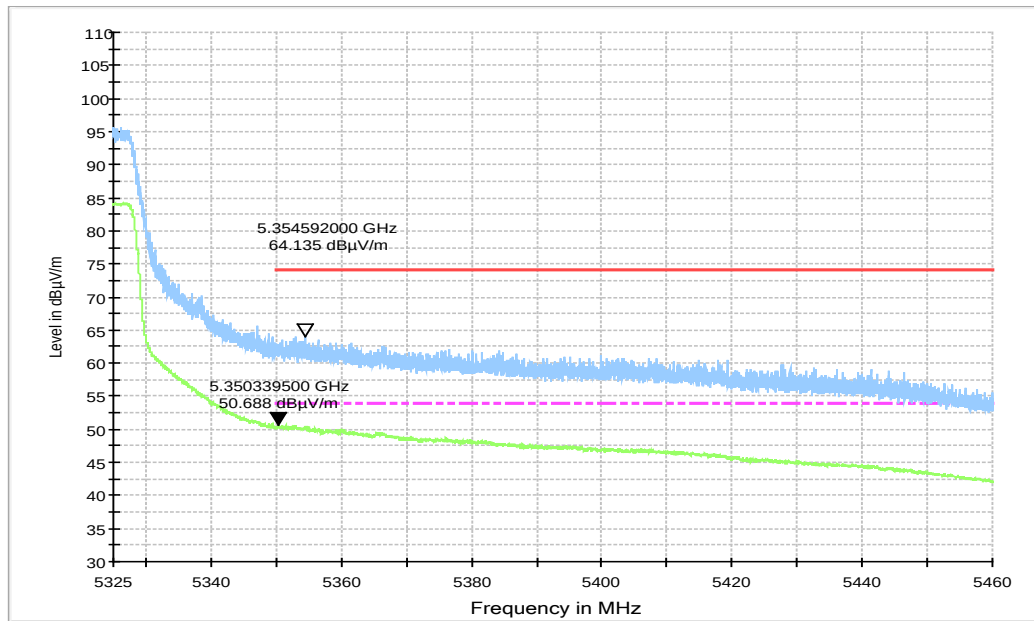


Fig.31 Band Edges (802.11ac-HT160, 5250MHz)

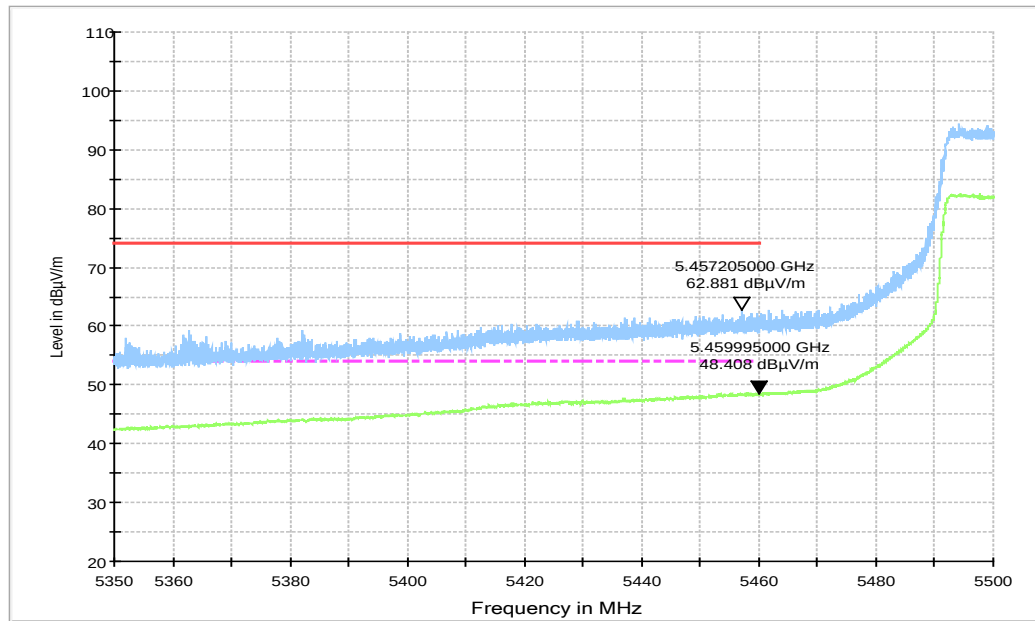


Fig.32 Band Edges (802.11ac-HT160, 5570MHz)

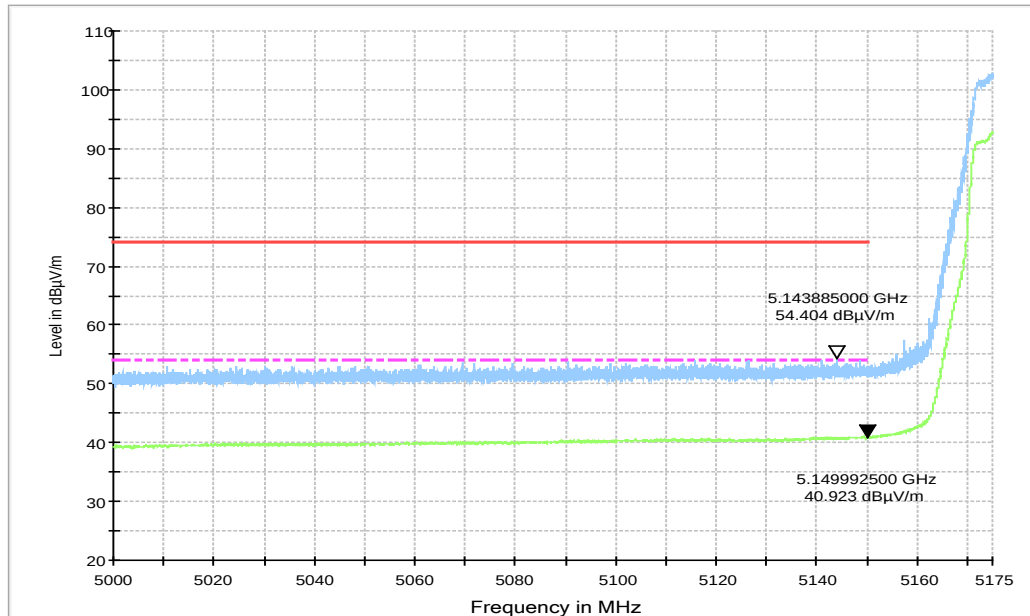


Fig.33 Band Edges (802.11a, 5180MHz)

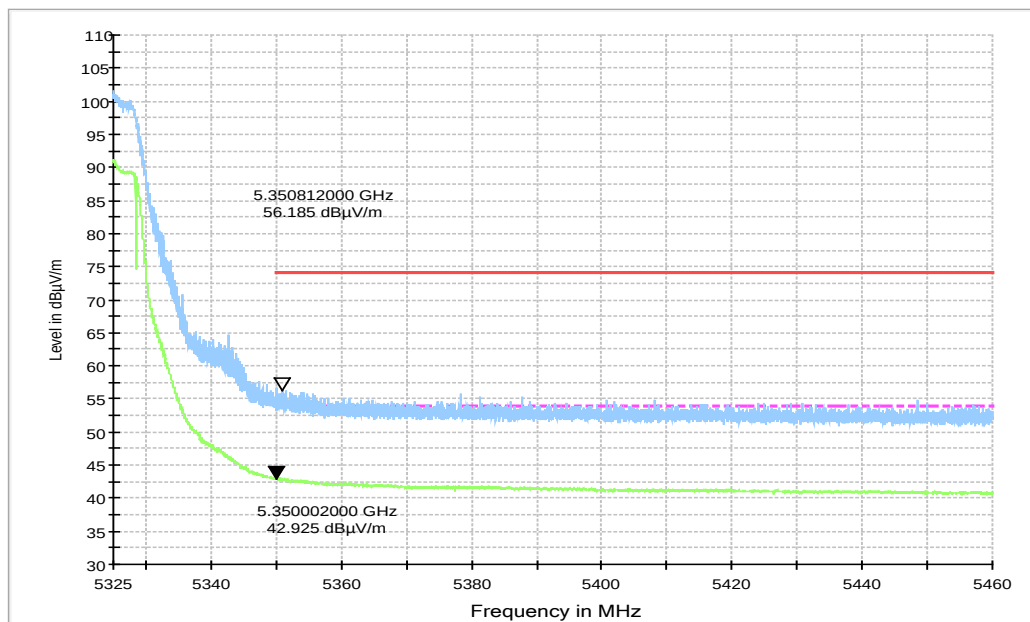


Fig.34 Band Edges (802.11a, 5320MHz)

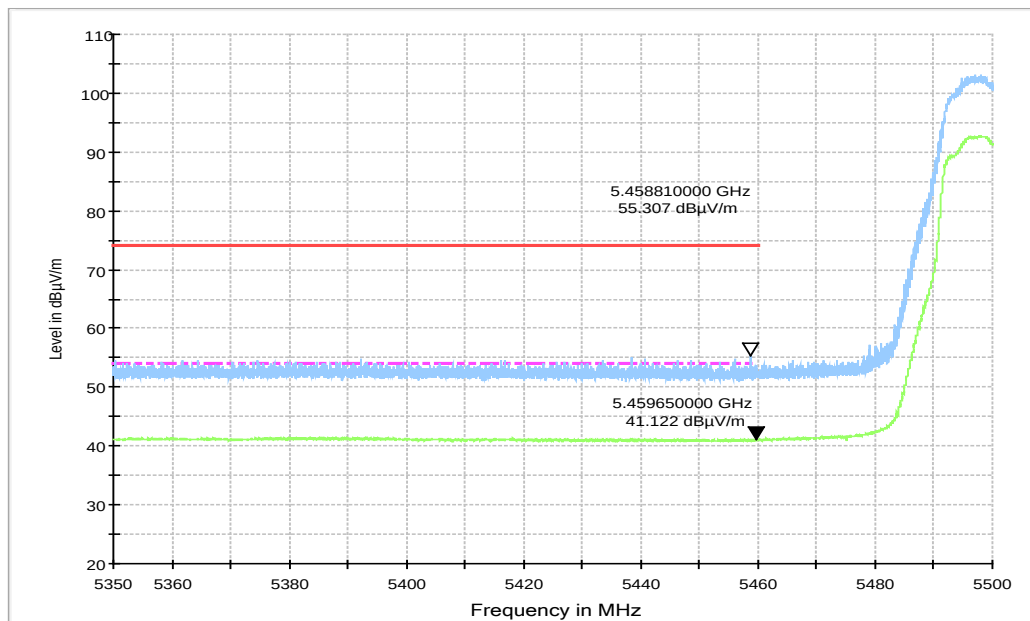


Fig.35 Band Edges (802.11a, 5500MHz)

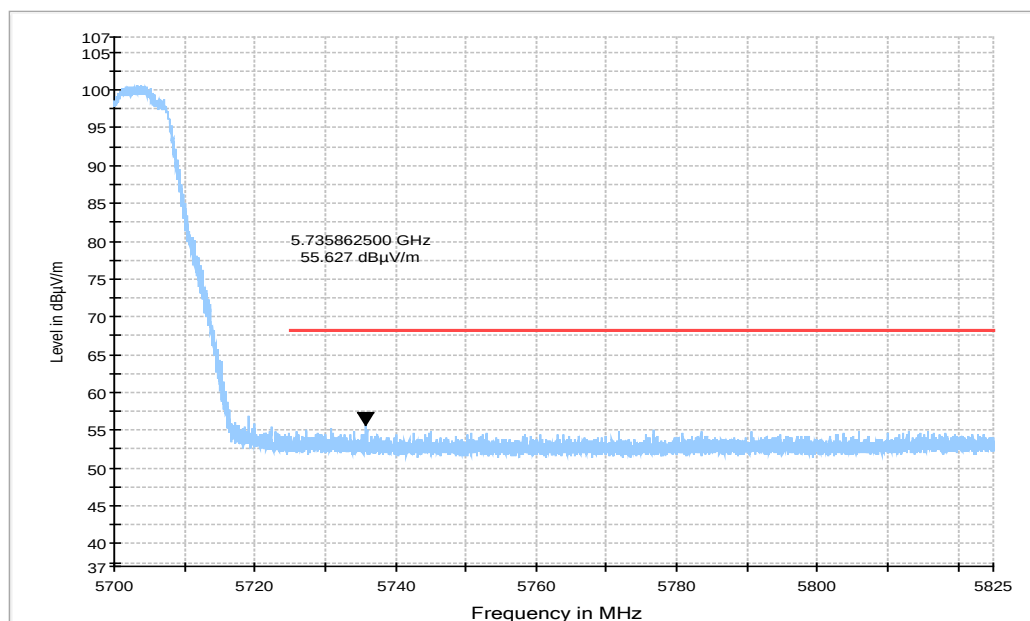


Fig.36 Band Edges (802.11a, 5700MHz)

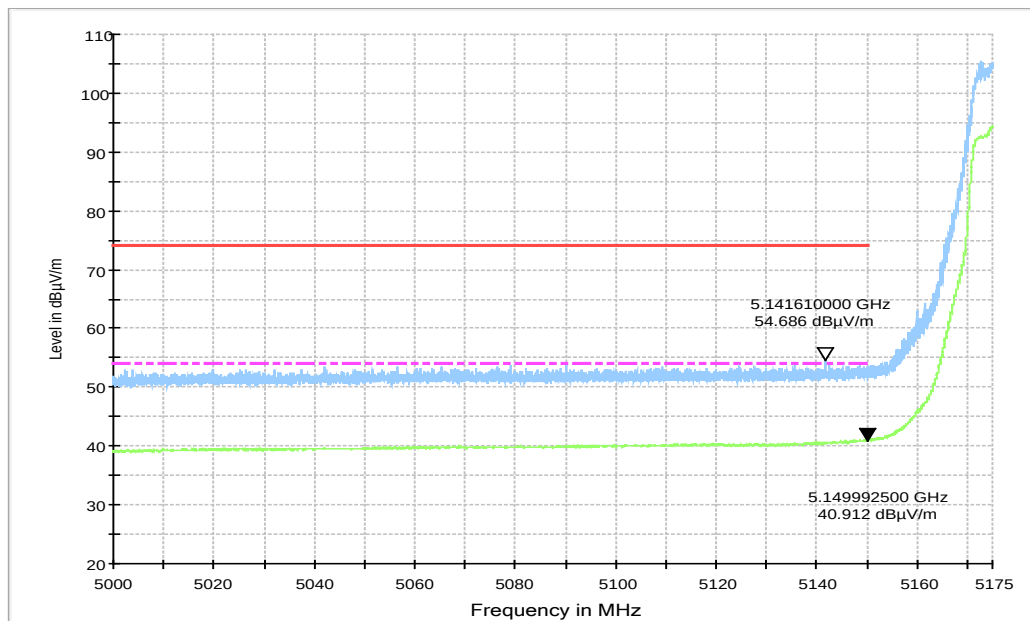


Fig.37 Band Edges (802.11n-HT20, 5180MHz)

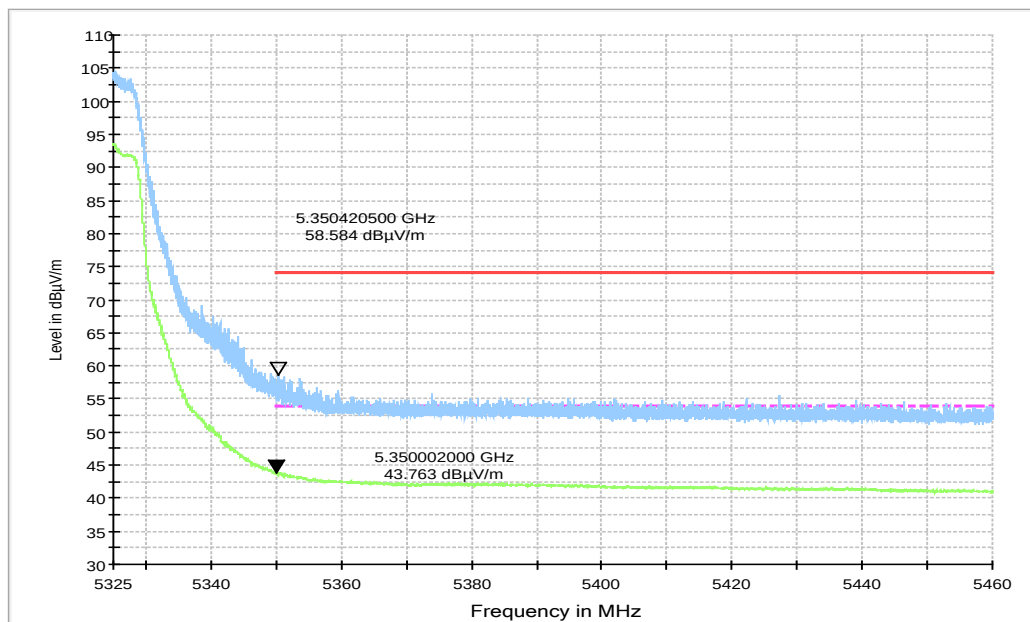


Fig.38 Band Edges (802.11n-HT20, 5320MHz)

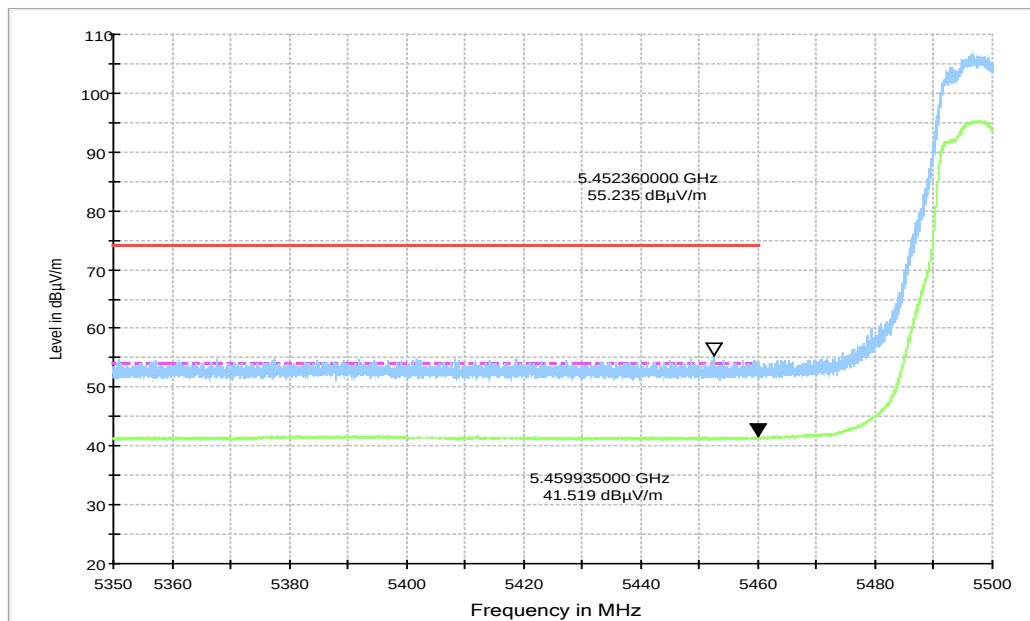


Fig.39 Band Edges (802.11n-HT20, 5500MHz)

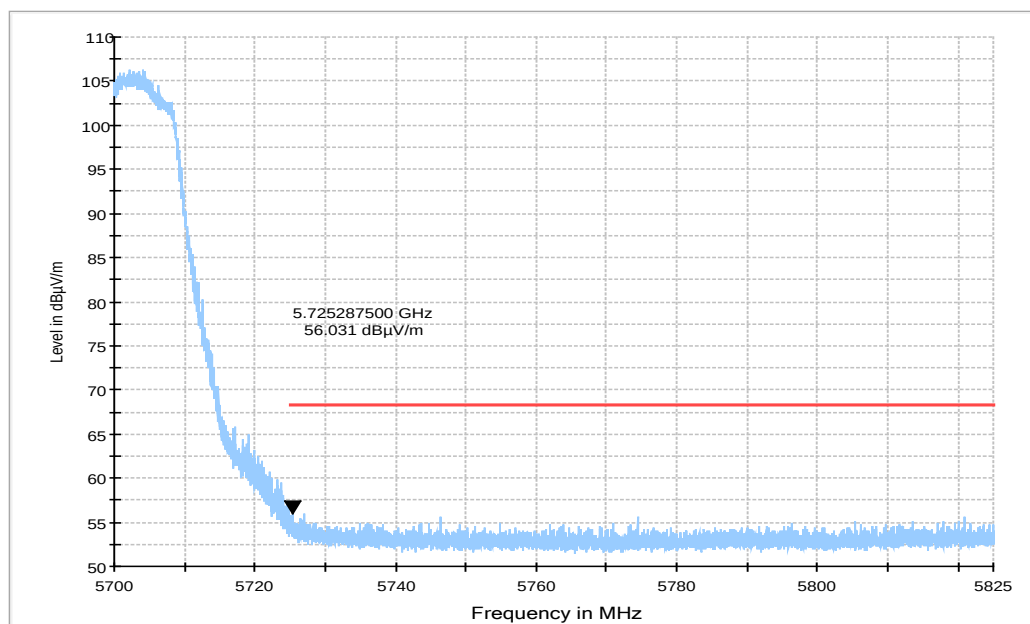


Fig.40 Band Edges (802.11n-HT20, 5700MHz)

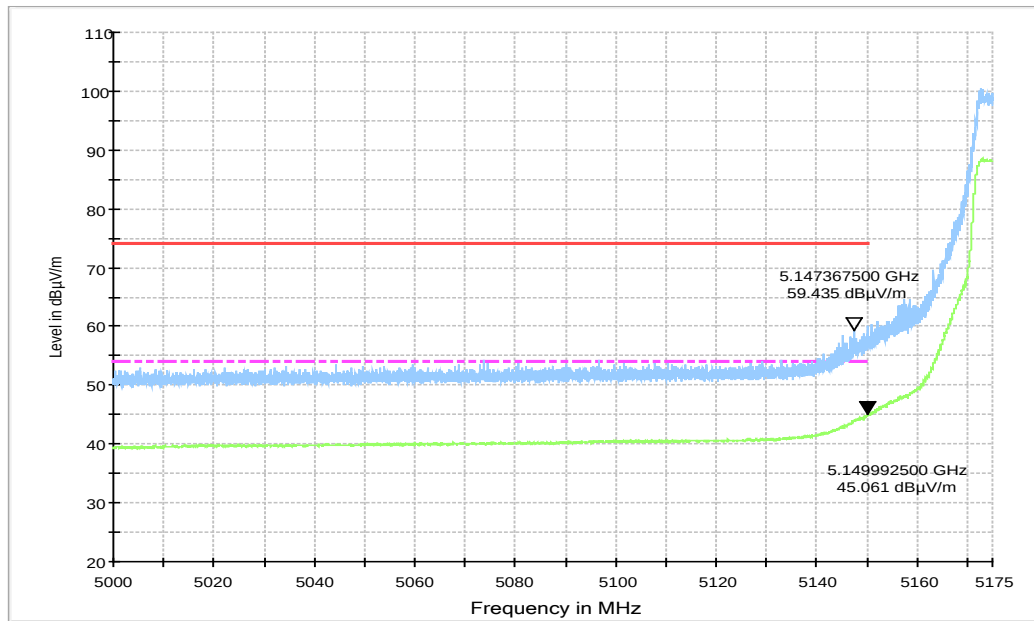


Fig.41 Band Edges (802.11n-HT40, 5190MHz)

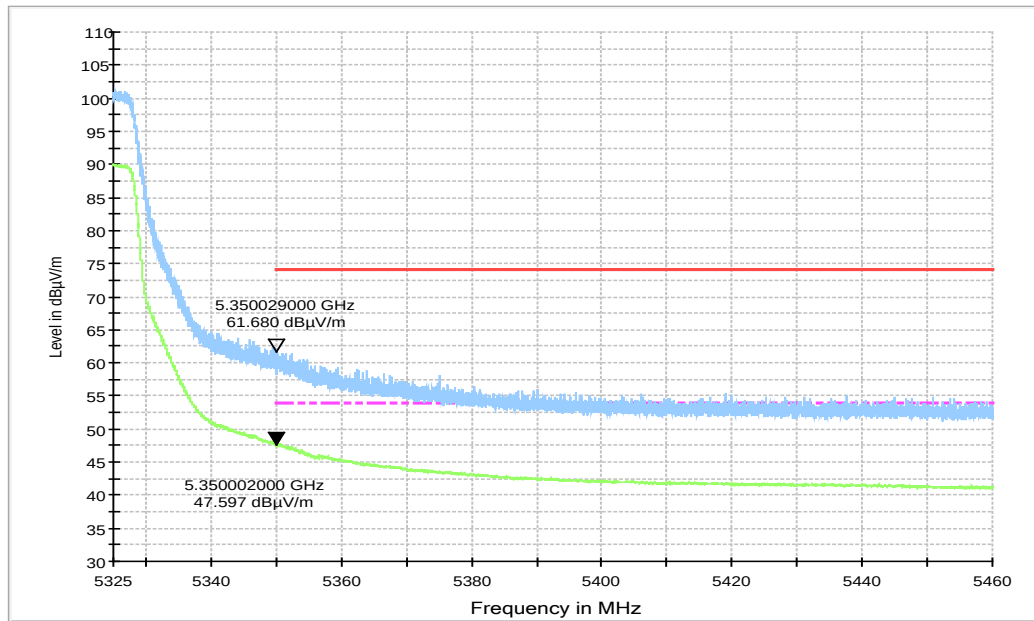


Fig.42 Band Edges (802.11n-HT40, 5310MHz)

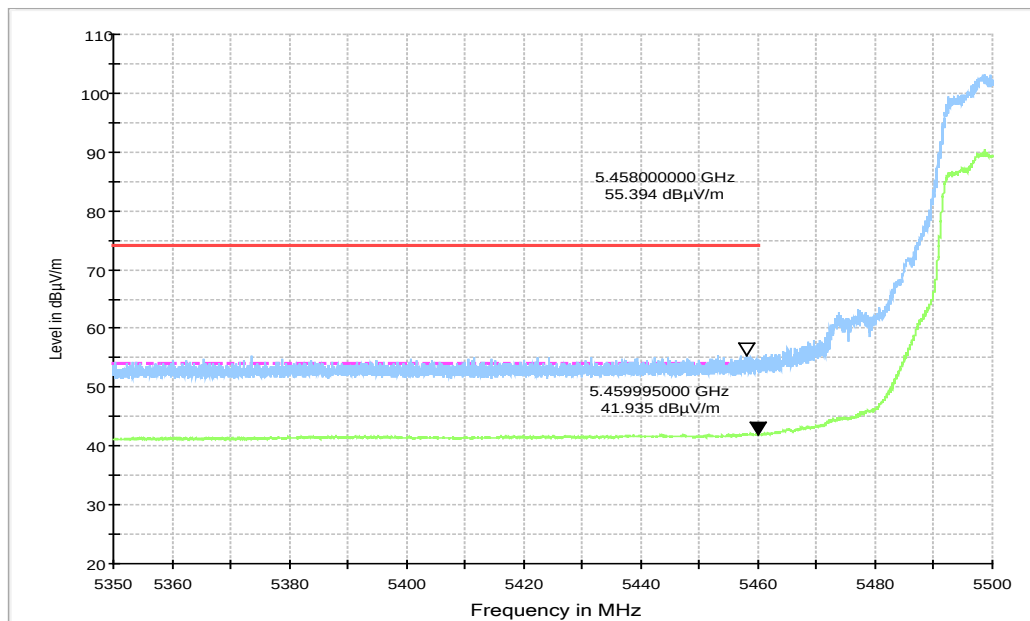


Fig.43 Band Edges (802.11n-HT40, 5510MHz)

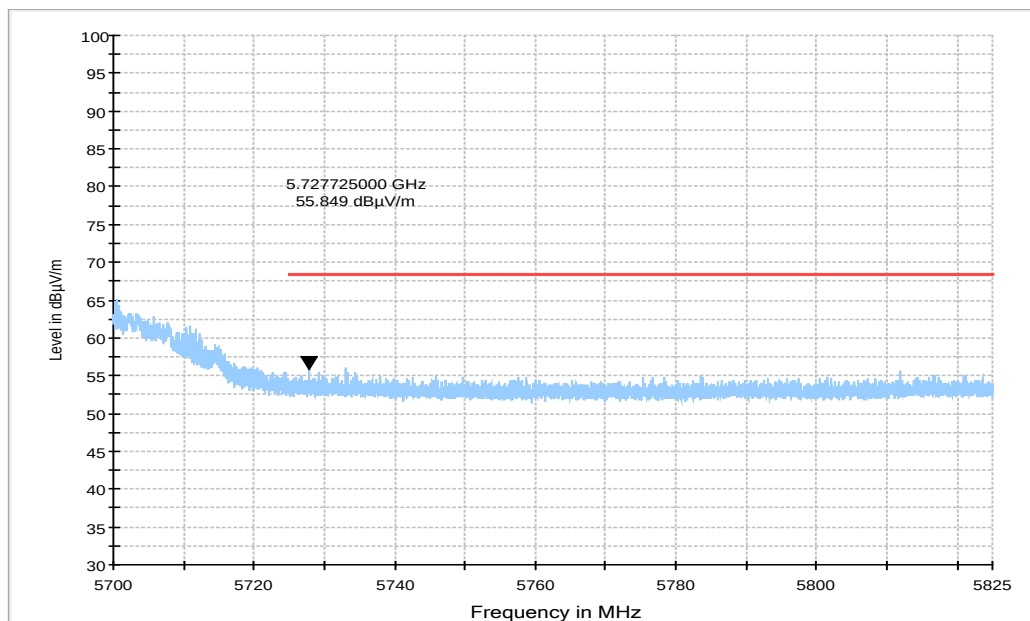


Fig.44 Band Edges (802.11n-HT40, 5670MHz)

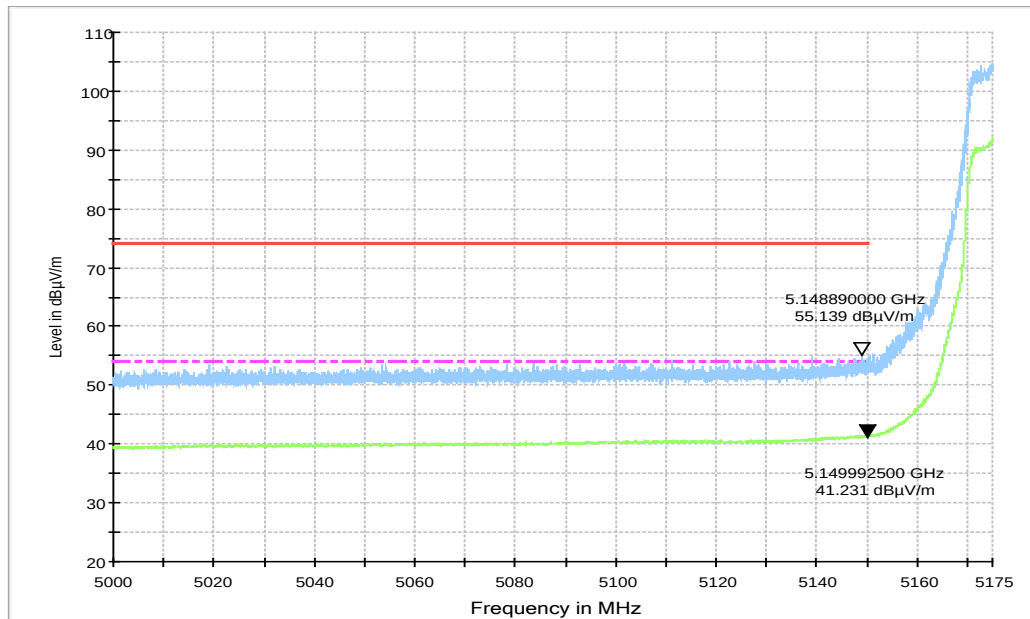


Fig.45 Band Edges (802.11ax-HT20, 5180MHz)

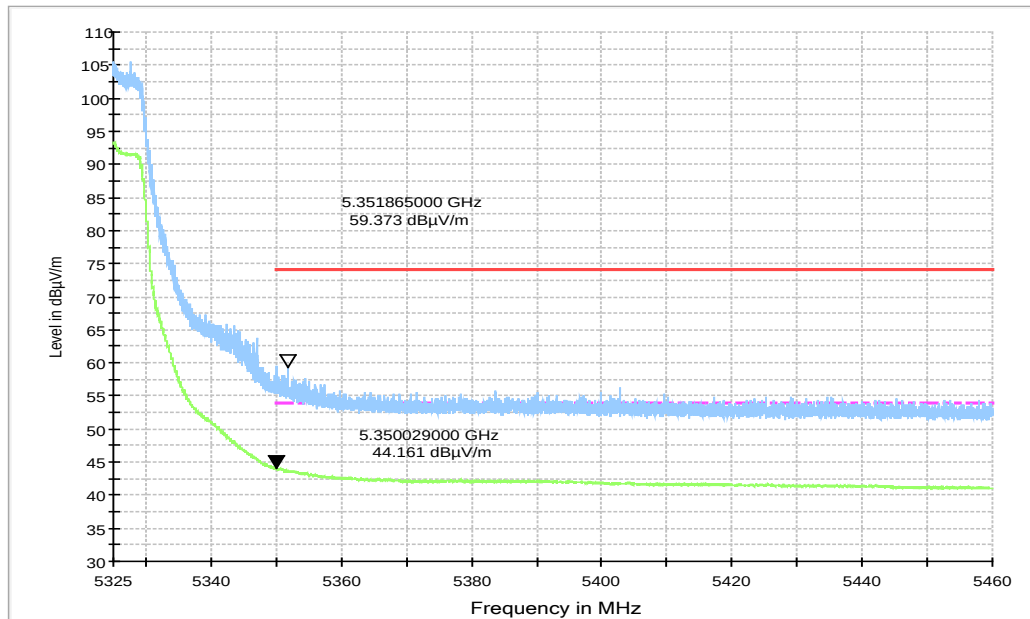


Fig.46 Band Edges (802.11ax-HT20, 5320MHz)

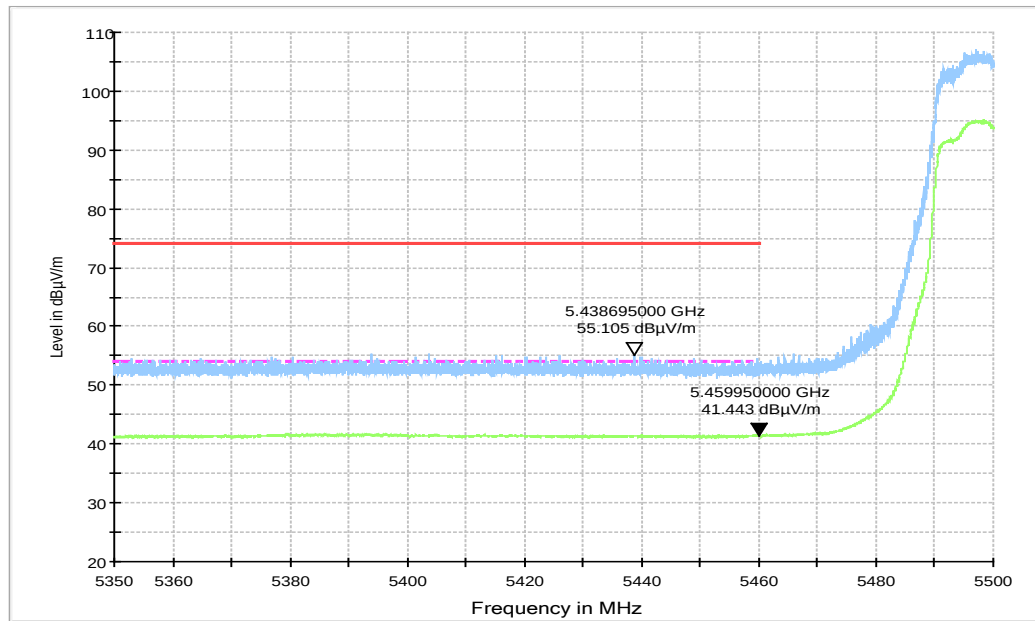


Fig.47 Band Edges (802.11ax-HT20, 5500MHz)

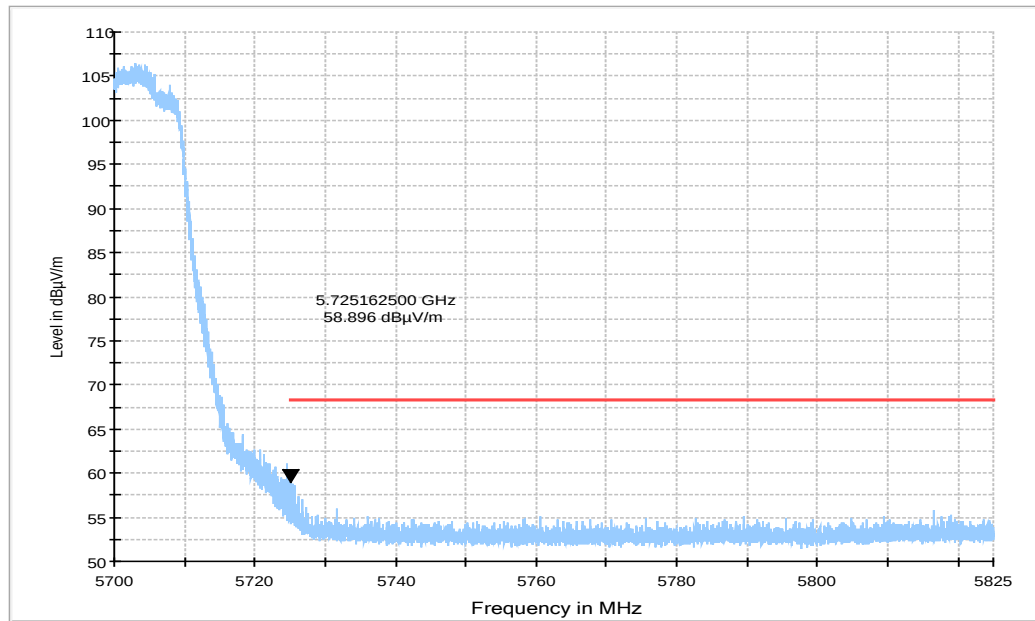


Fig.48 Band Edges (802.11ax-HT20, 5700MHz)

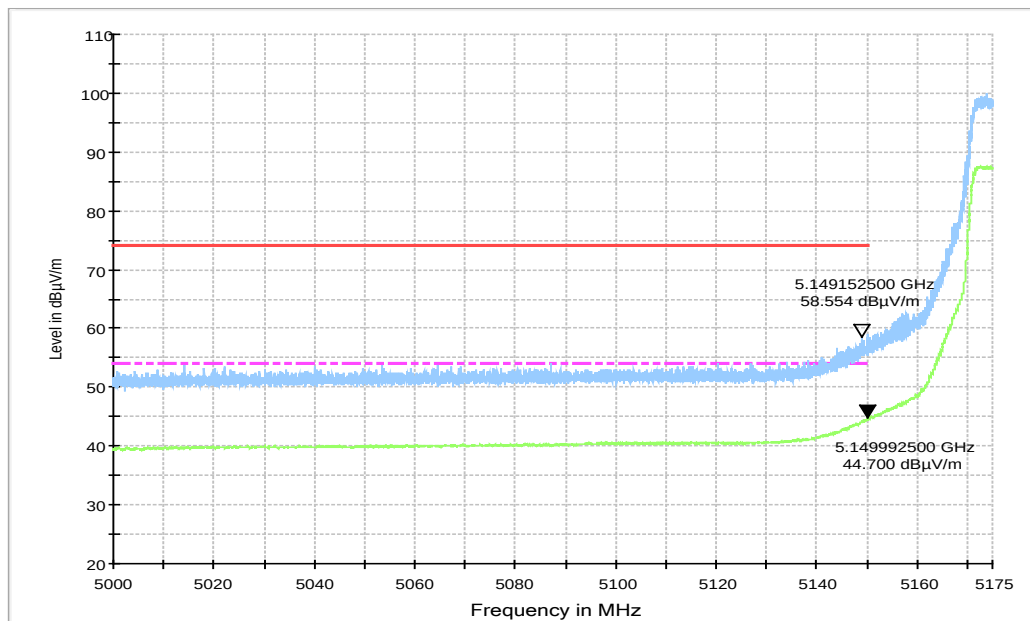


Fig.49 Band Edges (802.11ax-HT40, 5190MHz)

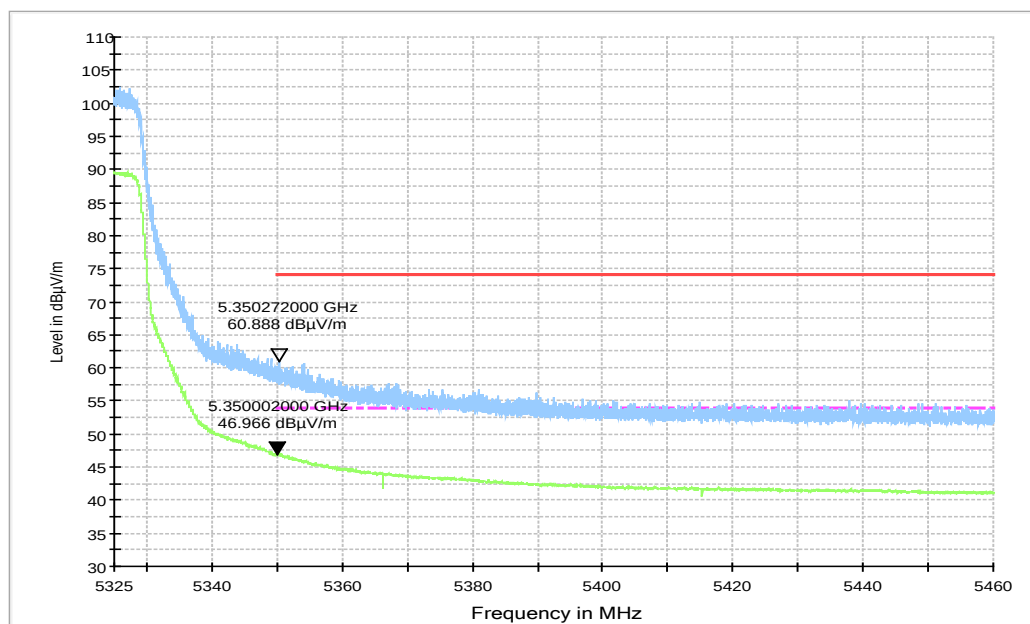


Fig.50 Band Edges (802.11ax-HT40, 5310MHz)

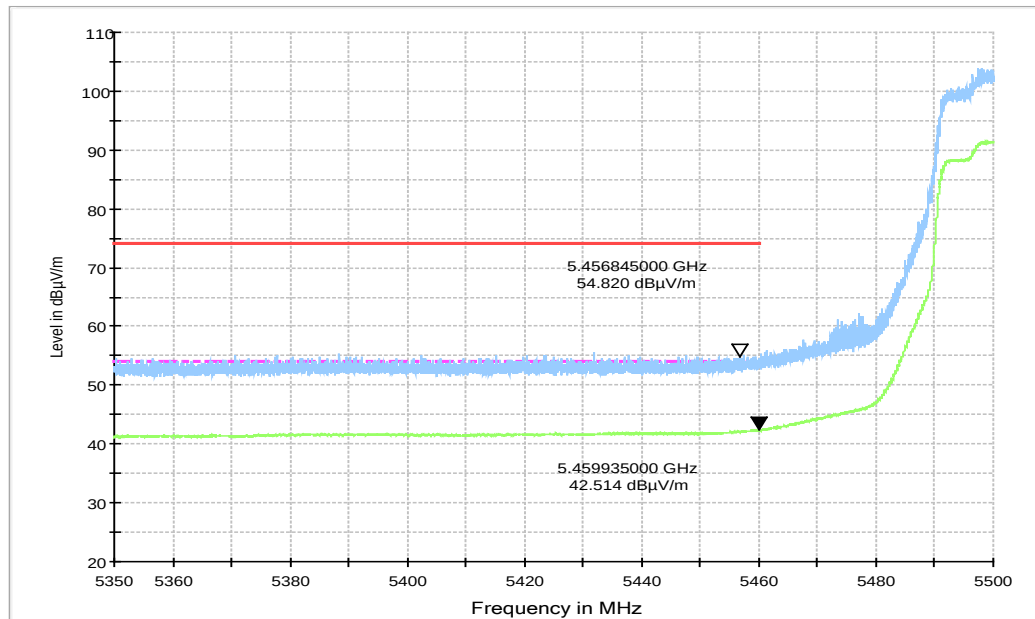


Fig.51 Band Edges (802.11ax-HT40, 5510MHz)

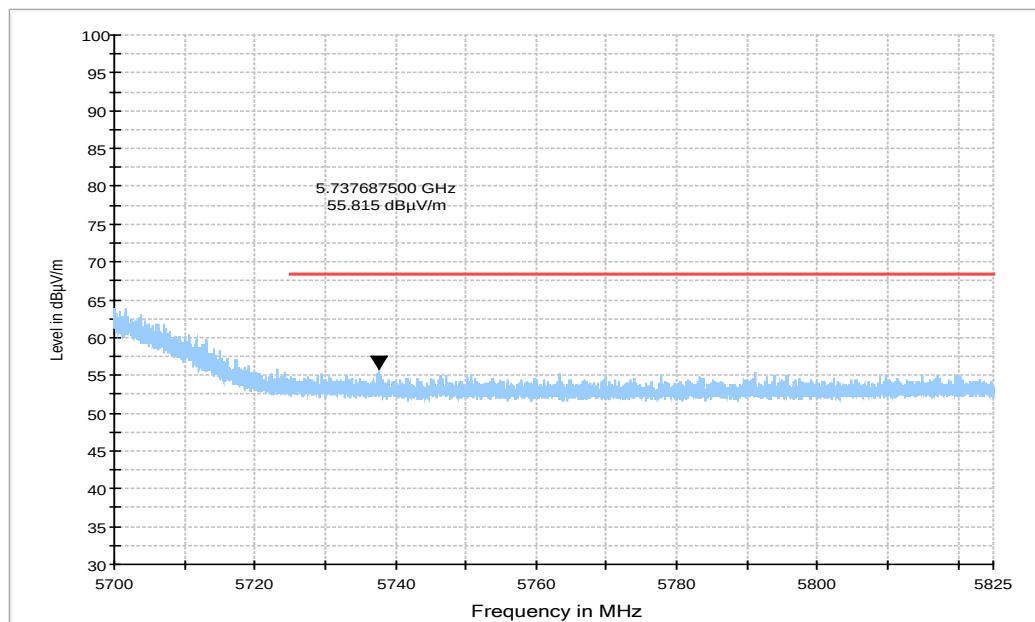


Fig.52 Band Edges (802.11ax-HT40, 5670MHz)

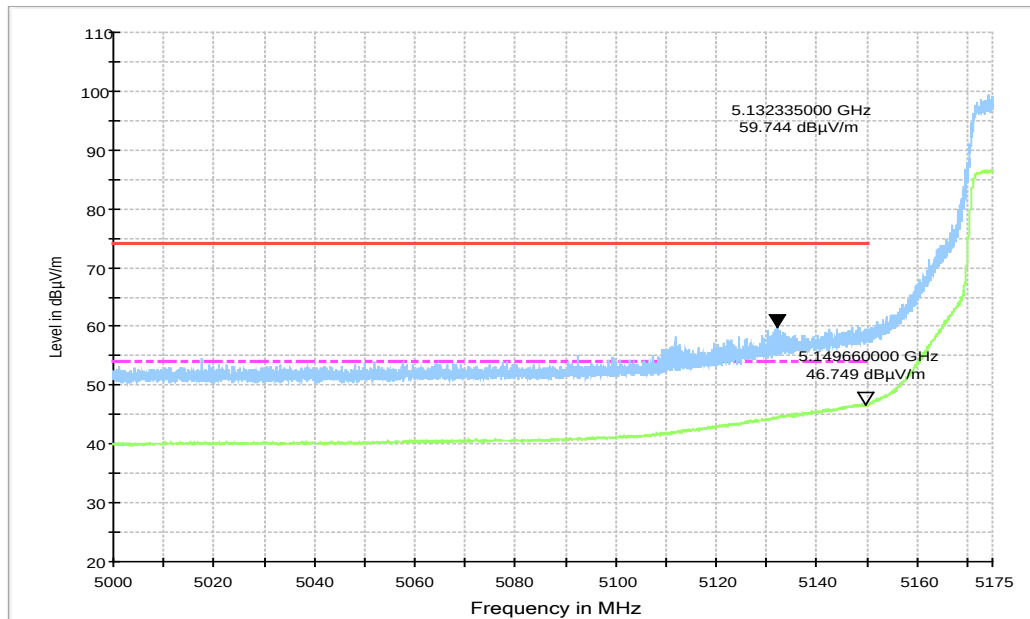


Fig.53 Band Edges (802.11ax-HT80, 5210MHz)

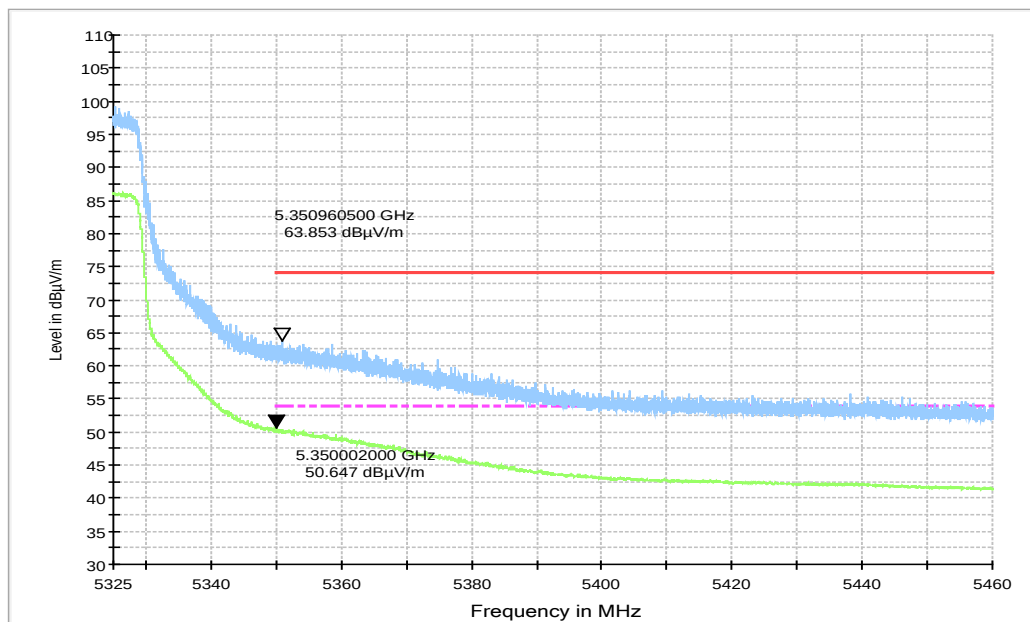


Fig.54 Band Edges (802.11ax-HT80, 5290MHz)

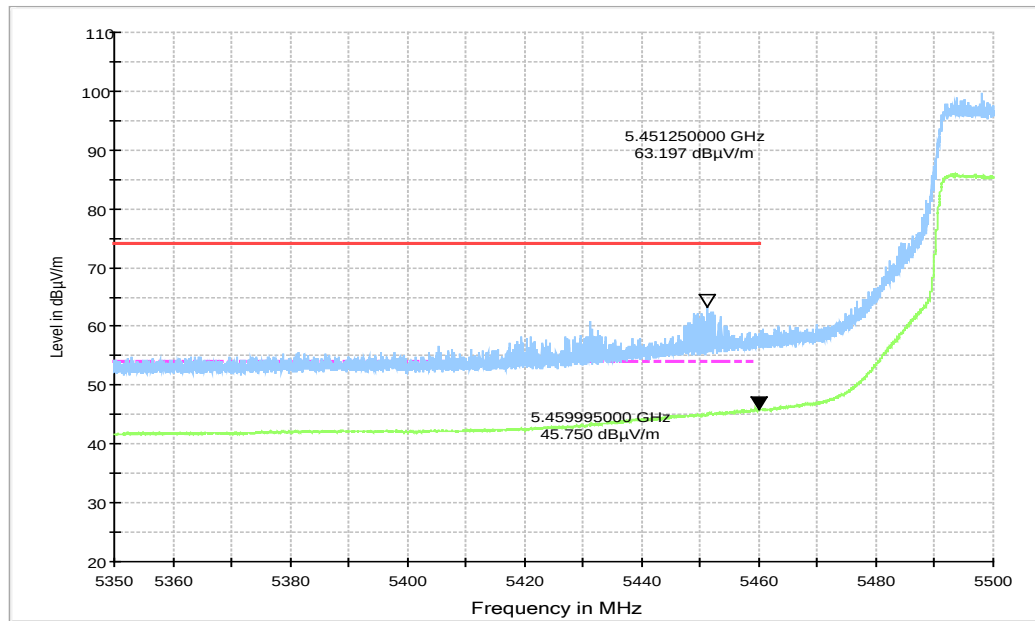


Fig.55 Band Edges (802.11ax-HT80, 5530MHz)

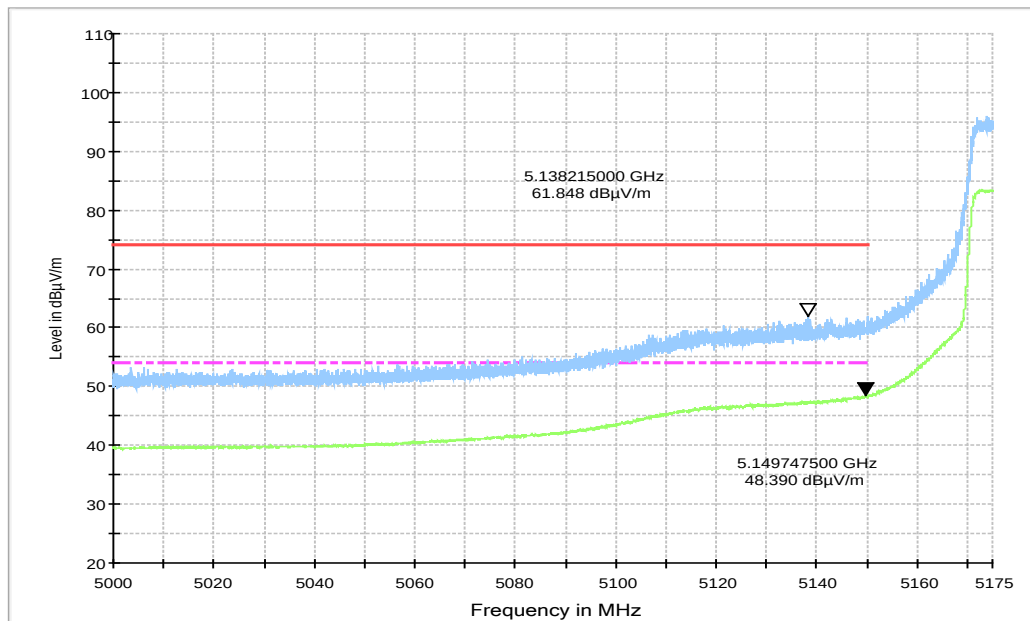


Fig.56 Band Edges (802.11ax-HT160, 5250MHz)

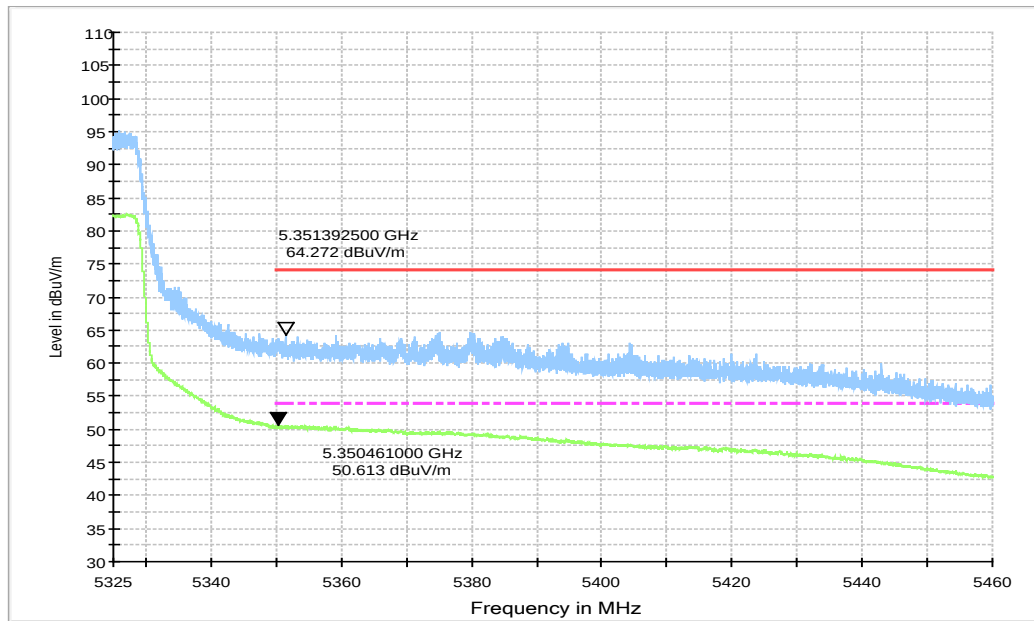


Fig.57 Band Edges (802.11ax-HT160, 5250MHz)

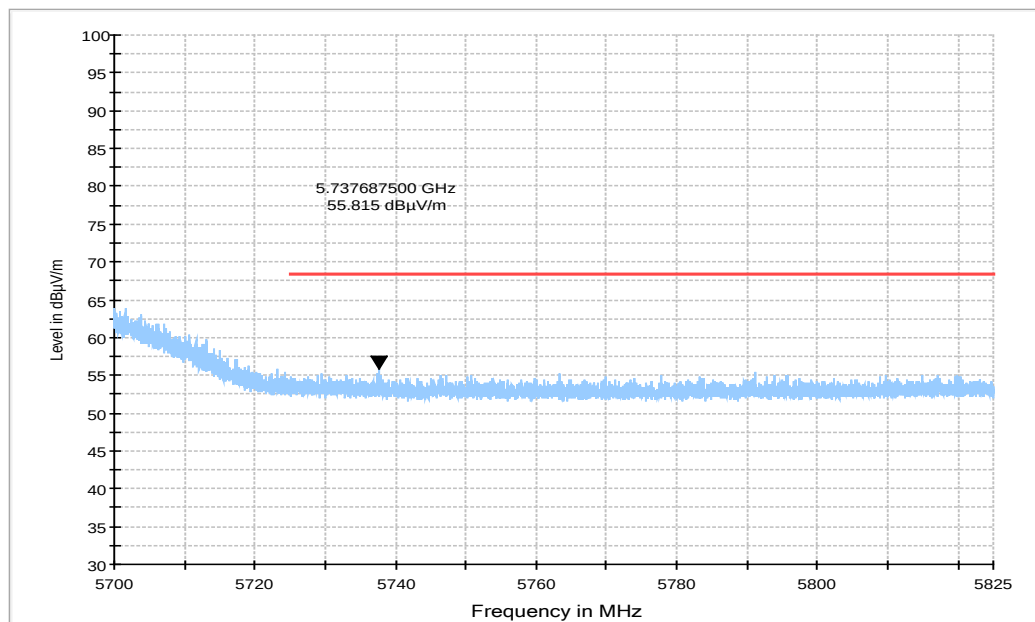


Fig.58 Band Edges (802.11ax-HT160, 5570MHz)

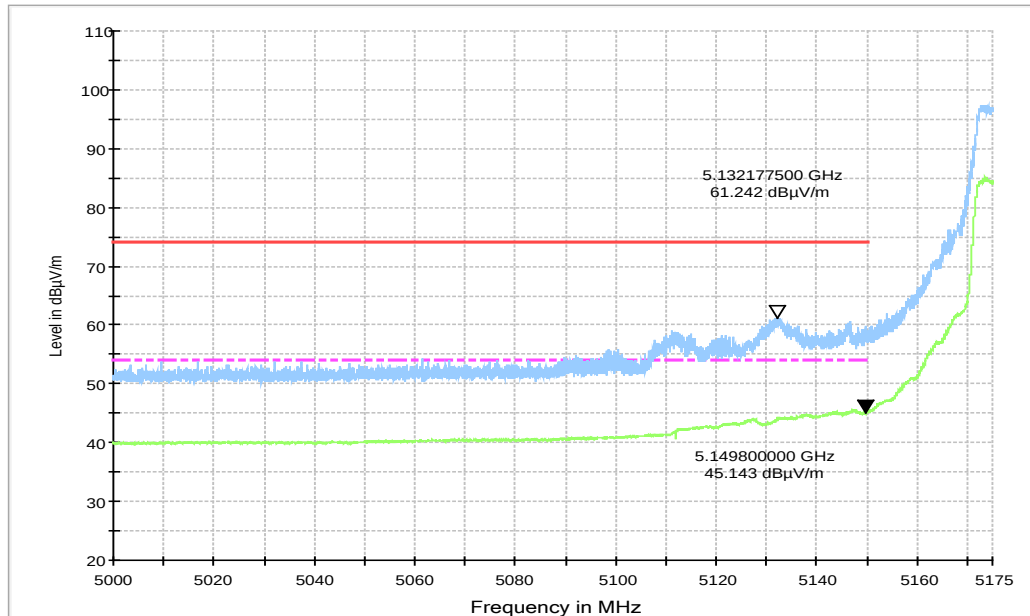


Fig.59 Band Edges (802.11ac-HT80, 5210MHz)

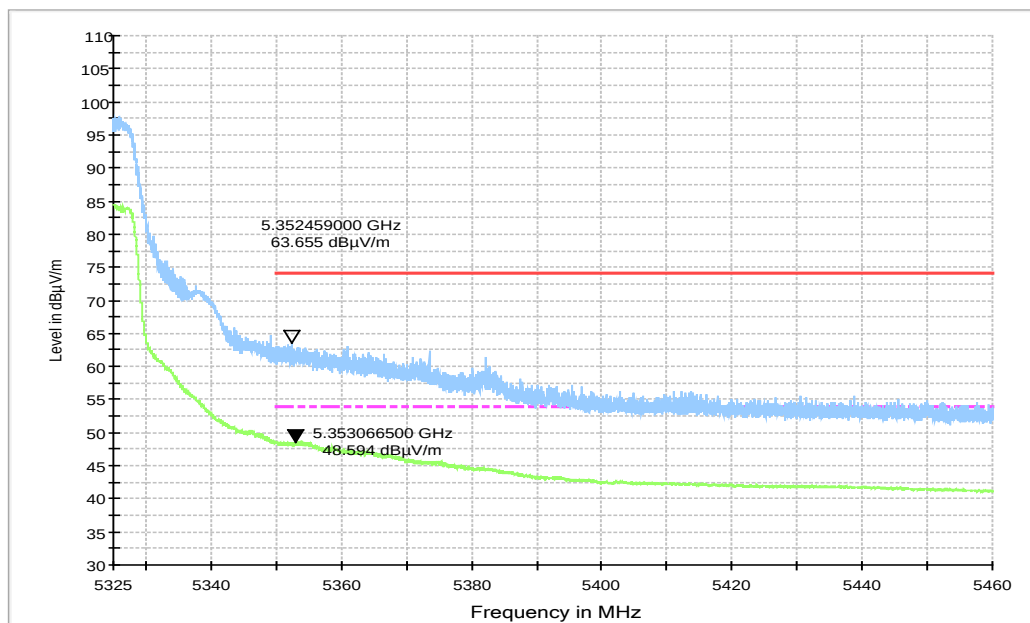


Fig.60 Band Edges (802.11ac-HT80, 5290MHz)

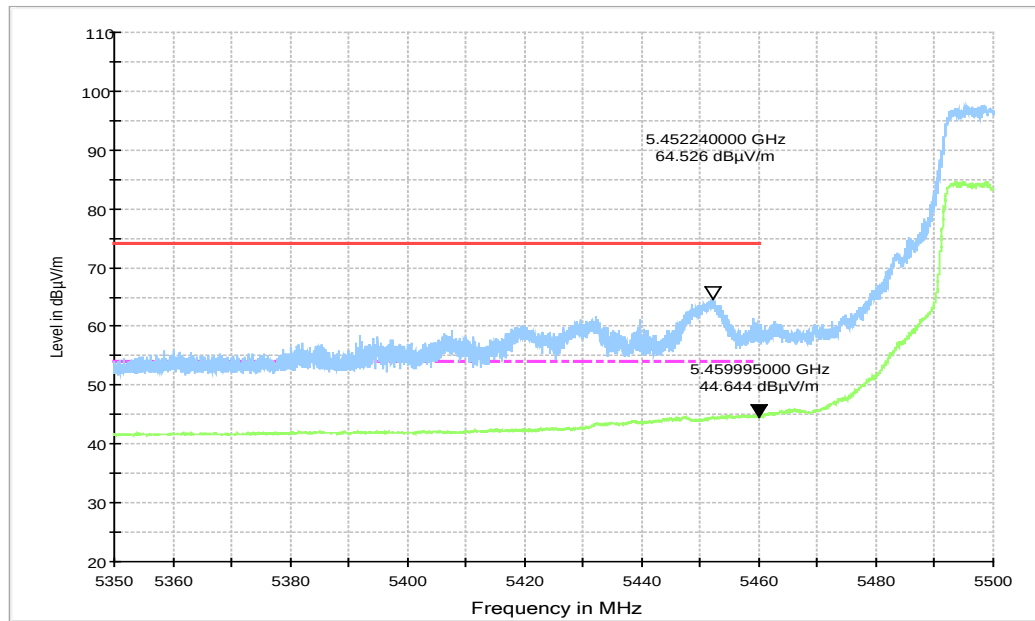


Fig.61 Band Edges (802.11ac-HT80, 5530MHz)

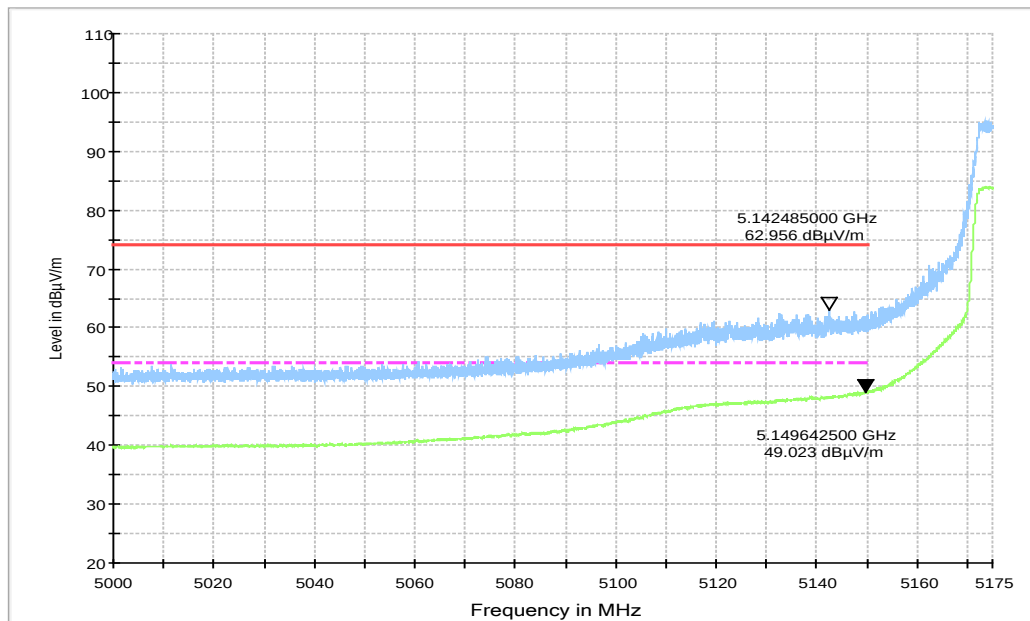


Fig.62 Band Edges (802.11ac-HT160, 5250MHz)

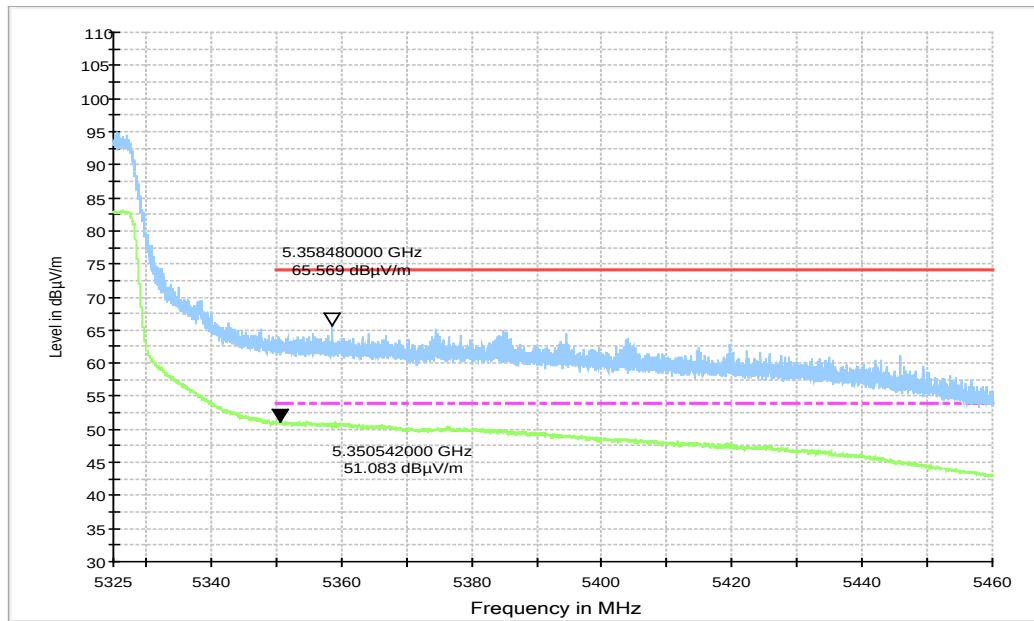


Fig.63 Band Edges (802.11ac-HT160, 5250MHz)

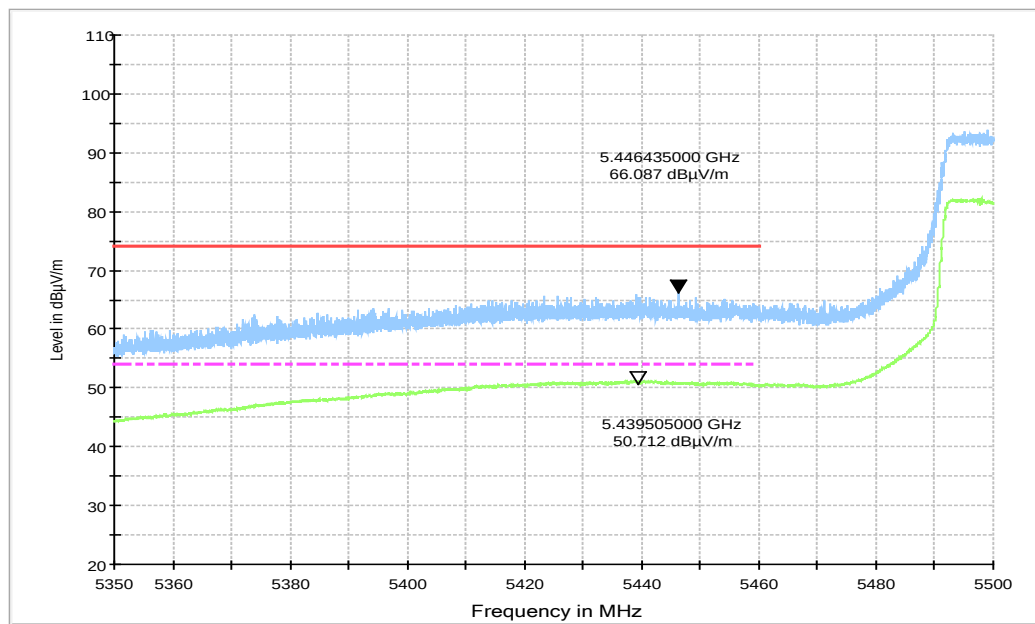


Fig.64 Band Edges (802.11ac-HT160, 5570MHz)

C.2. AC Power-line Conducted Emission

Reference

FCC 47 CFR Part 15, Clause 15.407 Clause 15.207

ISED RSS-GEN, Clause 8.8

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:

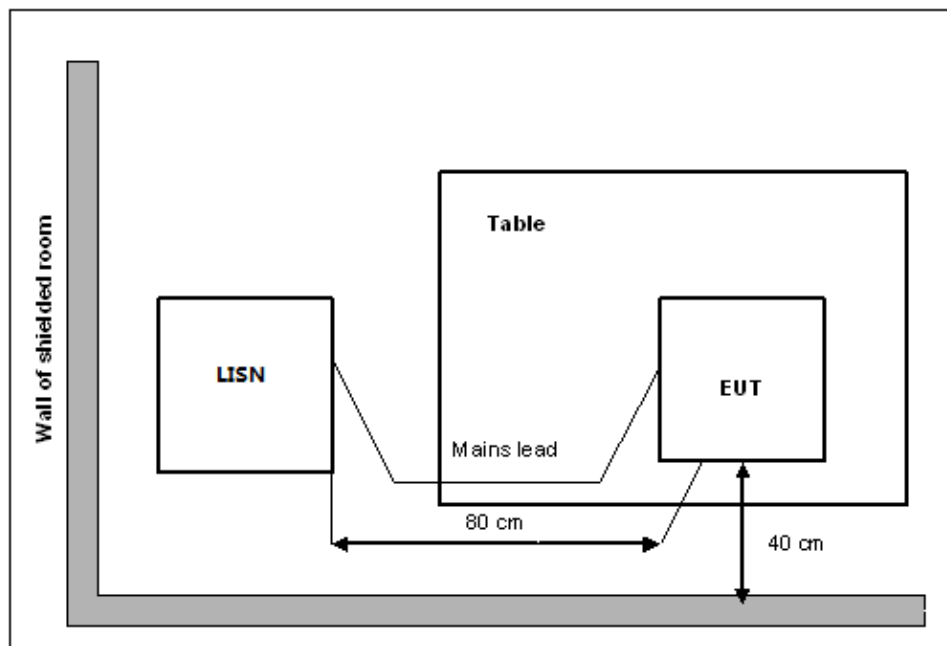
Measurement Bandwidth

Frequency of Emission (MHz)	RBW/VBW
0.15-30	9kHz

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 AC/travel adapter.

Measurement Result and limit:
WLAN (Quasi-peak Limit)

Frequency range (MHz)	Quasi-peak Limit (dBμV)	Result (dBμV)		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 (dBμV)	Result (dBμV)		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:

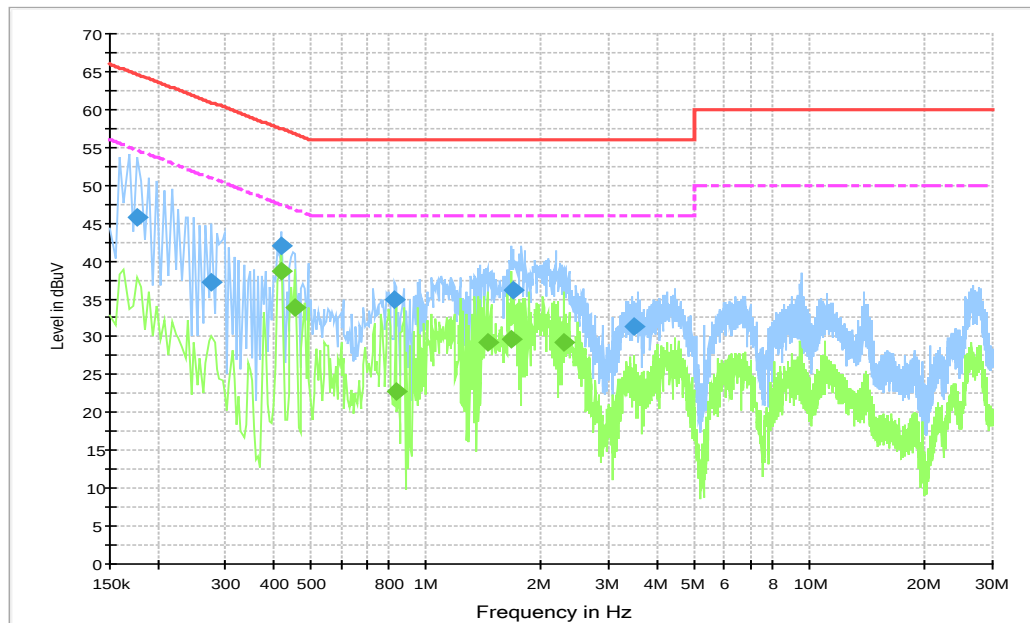


Fig.C.2.1 AC Powerline Conducted Emission-802.11b

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

Final Result 1

Frequency (MHz)	QuasiPeak (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.177000	45.7	1000.	9.000	N	20.1	18.9	64.6
0.276000	37.1	1000.	9.000	N	19.9	23.8	60.9
0.420000	42.0	1000.	9.000	N	19.9	15.4	57.4
0.829500	34.8	1000.	9.000	L1	19.8	21.2	56.0
1.689000	36.2	1000.	9.000	N	19.7	19.8	56.0
3.480000	31.3	1000.	9.000	N	19.6	24.7	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.420000	38.6	1000.0	9.000	L1	19.9	8.8	47.4
0.456000	33.8	1000.0	9.000	L1	19.9	12.9	46.8
0.834000	22.9	1000.0	9.000	L1	19.8	23.1	46.0
1.446000	29.3	1000.0	9.000	L1	19.7	16.7	46.0
1.671000	29.6	1000.0	9.000	L1	19.7	16.4	46.0
2.287500	29.2	1000.0	9.000	L1	19.6	16.8	46.0

Idle:

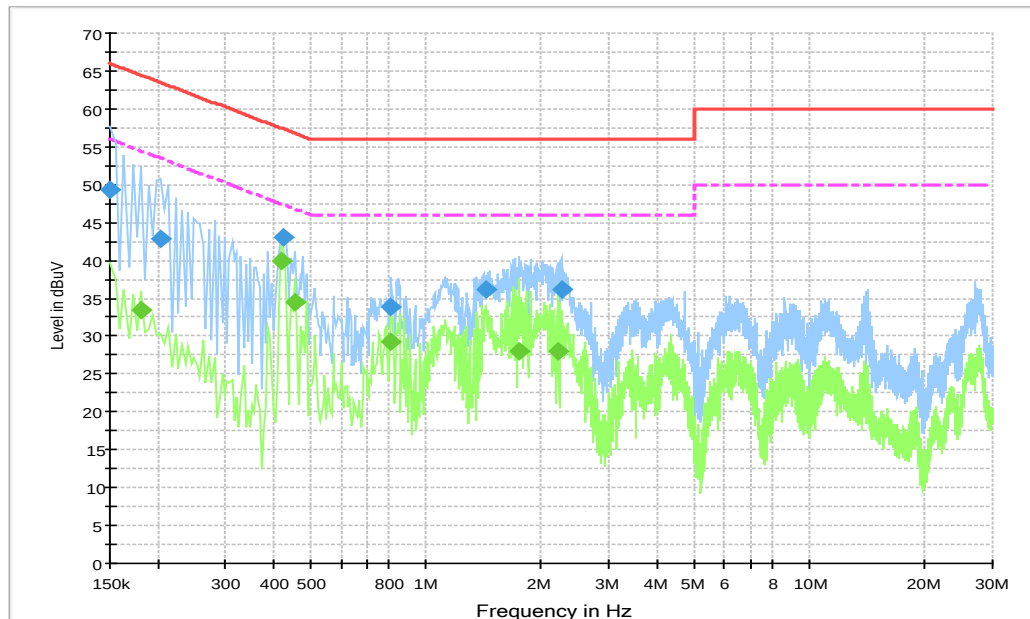


Fig.C.2.2 AC Powerline Conducted Emission-Idle

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)
0.150000	49.2	1000.	9.000	N	19.8	16.8	66.0
0.204000	42.9	1000.	9.000	N	19.9	20.6	63.4
0.424500	43.1	1000.	9.000	N	19.9	14.3	57.4
0.811500	33.8	1000.	9.000	N	19.8	22.2	56.0
1.437000	36.2	1000.	9.000	L1	19.7	19.8	56.0
2.251500	36.2	1000.	9.000	L1	19.6	19.8	56.0

Final Result 2

Frequency (MHz)	Average (dBμV)	Meas. Time (ms)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBμV)
0.181500	33.4	1000.0	9.000	N	20.0	21.0	54.4
0.420000	39.9	1000.0	9.000	L1	19.9	7.5	47.4
0.456000	34.4	1000.0	9.000	L1	19.9	12.4	46.8
0.811500	29.2	1000.0	9.000	L1	19.8	16.8	46.0
1.752000	28.0	1000.0	9.000	N	19.7	18.0	46.0
2.211000	28.0	1000.0	9.000	L1	19.6	18.0	46.0

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