

# FCC PART 15.407

## TEST REPORT

For

### **Huawei Technologies Co., Ltd.**

Administration Building, Headquarters of Huawei Technologies Co., Ltd. Bantian, Longgang District, 518129 Shenzhen, PEOPLE'S REPUBLIC OF CHINA

**FCC ID: QISAP7052DN**

<b>Report Type:</b> Original Report	<b>Product Name:</b> Wireless LAN Access Point
<b>Report Number:</b>	<u>RDG170921008-00D</u>
<b>Report Date:</b>	<u>2018-01-05</u>
<b>Reviewed By:</b>	Jerry Zhang EMC Manager
<b>Test Laboratory:</b>	Bay Area Compliance Laboratories Corp. (Dongguan) No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China Tel: +86-769-86858888 Fax: +86-769-86858891 <a href="http://www.baclcorp.com.cn">www.baclcorp.com.cn</a>

**Note:** This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Dongguan).

## TABLE OF CONTENTS

<b>GENERAL INFORMATION.....</b>	<b>4</b>
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT).....	4
OBJECTIVE.....	4
RELATED SUBMITTAL(S)/GRANT(S).....	4
TEST METHODOLOGY.....	4
MEASUREMENT UNCERTAINTY.....	5
TEST FACILITY.....	5
<b>SYSTEM TEST CONFIGURATION.....</b>	<b>6</b>
DESCRIPTION OF TEST CONFIGURATION.....	6
EUT EXERCISE SOFTWARE.....	11
EQUIPMENT MODIFICATIONS.....	28
SUPPORT EQUIPMENT LIST AND DETAILS.....	28
EXTERNAL CABLE.....	28
BLOCK DIAGRAM OF TEST SETUP.....	28
<b>SUMMARY OF TEST RESULTS.....</b>	<b>29</b>
<b>FCC §15.407 (f) &amp; §1.1310 &amp; §2.1091- MAXIMUM PERMISSIBLE EXPOSURE (MPE).....</b>	<b>30</b>
APPLICABLE STANDARD.....	30
<b>FCC §15.203 – ANTENNA REQUIREMENT.....</b>	<b>32</b>
APPLICABLE STANDARD.....	32
ANTENNA CONNECTOR CONSTRUCTION.....	32
<b>FCC §15.407 (b) (6) §15.207 (a) – CONDUCTED EMISSIONS.....</b>	<b>33</b>
APPLICABLE STANDARD.....	33
EUT SETUP.....	33
EMI TEST RECEIVER SETUP.....	33
CORRECTED AMPLITUDE & MARGIN CALCULATION.....	34
TEST EQUIPMENT LIST AND DETAILS.....	34
TEST PROCEDURE.....	34
TEST DATA.....	35
<b>FCC §15.209, §15.205 &amp; §15.407(b) –UNWANTED EMISSION.....</b>	<b>39</b>
APPLICABLE STANDARD.....	39
EUT SETUP.....	40
EMI TEST RECEIVER & SPECTRUM ANALYZER SETUP.....	41
TEST PROCEDURE.....	41
CORRECTED AMPLITUDE & MARGIN CALCULATION.....	41
TEST EQUIPMENT LIST AND DETAILS.....	42
TEST DATA.....	42
<b>FCC §15.407(b)–OUT- OF-BAND EMISSIONS.....</b>	<b>205</b>
APPLICABLE STANDARD.....	205
TEST PROCEDURE.....	205
TEST EQUIPMENT LIST AND DETAILS.....	206
TEST DATA.....	206
<b>FCC §15.407(a)(e) –EMISSION BANDWIDTH AND OCCUPIED BANDWIDTH.....</b>	<b>275</b>
APPLICABLE STANDARD.....	275
TEST EQUIPMENT LIST AND DETAILS.....	275

TEST PROCEDURE .....275  
TEST DATA .....275

**FCC §15.407(a) –MAXIMUM CONDUCTED OUTPUT POWER.....330**

APPLICABLE STANDARD .....330  
TEST EQUIPMENT LIST AND DETAILS.....331  
TEST PROCEDURE .....331  
TEST DATA .....331

**FCC §15.407(a) - POWER SPECTRAL DENSITY .....349**

APPLICABLE STANDARD .....349  
TEST PROCEDURE .....350  
TEST EQUIPMENT LIST AND DETAILS.....350  
TEST DATA .....350

---

## GENERAL INFORMATION

---

### Product Description for Equipment under Test (EUT)

The Huawei Technologies Co., Ltd.'s product, model number: AP7052DN(**FCC ID: QISAP7052DN**) (the "EUT") in this report was a **Wireless LAN Access Point**, which was measured approximately: 22.3 cm (H) x 21.9 cm (W) x 6.2 cm (D), rated input voltage: DC 48 V from AC/DC adapter or DC 48V form POE adapter.

*\*All measurement and test data in this report was gathered from production sample serial number: 170921008 (Assigned by BACL, Kunshan). The EUT was received on 2016-09-21.*

### Objective

This type approval report is prepared on behalf of **Huawei Technologies Co., Ltd.** in accordance with Part 2-Subpart J, Part 15-Subparts A, and E of the Federal Communications Commission's rules.

The tests were performed in order to determine compliance with FCC Rules Part 15, Subpart E, section 15.203, 15.205, 15.207, 15.209 and 15.407 rules.

### Related Submittal(s)/Grant(s)

FCC Part 15B JBP submissions with FCC ID: QISAP7052DN.  
FCC Part 15C DTS submissions with FCC ID: QISAP7052DN.

### Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2013, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices. And KDB 789033 D02 General U-NII Test Procedures New Rules v01r04

All emissions measurement was performed and Bay Area Compliance Laboratories Corp. (Dongguan).

**Measurement Uncertainty**

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.61dB
Power Spectral Density, conducted	±0.61 dB
Unwanted Emissions, radiated	30M~200MHz: 4.58 dB for Horizontal, 4.59 dB for Vertical 200M~1GHz: 4.83 dB for Horizontal, 5.85 dB for Vertical 1G~6GHz: 4.45 dB, 6G~40GHz: 5.23 dB
Unwanted Emissions,conducted	±1.5 dB
Temperature	±1 °C
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
AC Power Lines Conducted Emission	3.12 dB (150 kHz to 30 MHz)

**Test Facility**

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China.

The test site has been approved by the FCC under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218,the FCC Designation No. : CN1220.

The test site has been registered with ISED Canada under ISED Canada Registration Number 3062D.

## SYSTEM TEST CONFIGURATION

### Description of Test Configuration

The EUT was configured for testing in an engineering mode which was provided by the manufacturer.

The device has 3 radios, radio 0 works in WLAN 5GHz Low band(5180-5320MHz), Radio 1 works in WLAN 2.4G band(2412-2462MHz) and 5G whole band(5180-5320MHz&5500-5825MHz), Radio 2 works in Bluetooth LE mode(2402-2480MHz).

The system support 802.11a/n ht20/n ht40/ac vht20/ac vht40/ac vht80 and ac vht 80+80, all modes supports both beamforming and non-beamforming modes.

For 5250~5350 MHz band, 7 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300
54	5270	62	5310
56	5280	64	5320
58	5290	/	/

For 5470~5725MHz band, 21 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	124	5620
102	5510	126	5630
104	5520	128	5640
106	5530	132	5660
108	5540	134	5670
110	5550	136	5680
112	5560	138	5690
116	5580	140	5700
118	5590	142	5710
120	5600	144	5720
122	5610	/	/

Channel 144 for 802.11a, n ht20,ac vht20, 142 for 802.11n ht40, ac vht40, 138 for ac80 crossed the band U-NII 2C to U-NII 3, were chosed to test for compliance requirement.

The worst-case data rates are determined to be as follows for each mode based upon investigations by measuring the average power and PSD aCrossed all data rates bandwidths, and modulations. Preliminary tests were perfmed in difference data rate and all the possible configurations, the worst cases as below table and shown in the report.

**For Radio 0:**

Configurations	Test Mode	Data Rate	Channel	Antenna Chain
1TX	802.11a	6Mbps	36, 40, 48, 52, 56, 64	0, 1, 2, 3
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64	0, 1, 2, 3
	802.11n ht40	MCS0_40	38, 46, 54, 62	0, 1, 2, 3
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64	0, 1, 2, 3
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62	0, 1, 2, 3
	802.11ac 80	AC_MCS0_80	42, 58	0, 1, 2, 3
2TX Non- Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64	0+1
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64	0+1
	802.11n ht40	MCS0_40	38, 46, 54, 62	0+1
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64	0+1
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62	0+1
	802.11ac 80	AC_MCS0_80	42, 58	0+1
3TX Non- Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64	0+1+2
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64	0+1+2
	802.11n ht40	MCS0_40	38, 46, 54, 62	0+1+2
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64	0+1+2
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62	0+1+2
	802.11ac 80	AC_MCS0_80	42, 58	0+1+2
4TX Non- Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64	0+1+2+3
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64	0+1+2+3
	802.11n ht40	MCS0_40	38, 46, 54, 62	0+1+2+3
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64	0+1+2+3
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62	0+1+2+3
	802.11ac 80	AC_MCS0_80	42, 58	0+1+2+3
80+80 Non- Beamforming	802.11ac 80+80	AC_MCS0_160	42+58	0+2,1+3

Configurations	Test Mode	Data Rate	Channel	Antenna Chain
2TX Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64	0+1
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64	0+1
	802.11n ht40	MCS0_40	38, 46, 54, 62	0+1
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64	0+1
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62	0+1
	802.11ac 80	AC_MCS0_80	42, 58	0+1
3TX Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64	0+1+2
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64	0+1+2
	802.11n ht40	MCS0_40	38, 46, 54, 62	0+1+2
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64	0+1+2
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62	0+1+2
	802.11ac 80	AC_MCS0_80	42, 58	0+1+2
4TX Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64	0+1+2+3
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64	0+1+2+3
	802.11n ht40	MCS0_40	38, 46, 54, 62	0+1+2+3
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64	0+1+2+3
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62	0+1+2+3
	802.11ac 80	AC_MCS0_80	42, 58	0+1+2+3
80+80 Beamforming	802.11ac 80+80	AC_MCS0_160	42+58	0+2,1+3

Note: for 802.11ac 80+80 mode, all channel configuration modes were listed and tested.



**For Radio 1:**

Configurations	Test Mode	Data Rate	Channel	Antenna Chain
1TX	802.11a	6Mbps	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0, 1, 2, 3
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0, 1, 2, 3
	802.11n ht40	MCS0_40	38, 46, 54, 62, 102, 110, 118, 134, 142, 151, 159	0, 1, 2, 3
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64,100, 120, 140, 144, 149,157, 165	0, 1, 2, 3
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62,102, 118, 134, 142,151, 159	0, 1, 2, 3
	802.11ac 80	AC_MCS0_80	42, 58, 106, 122, 138, 155	0, 1, 2, 3
2TX Non- Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1
	802.11n ht40	MCS0_40	38, 46, 54, 62, 102, 110, 118, 134, 142, 151, 159	0+1
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64,100, 120, 140, 144, 149,157, 165	0+1
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62,102, 118, 134, 142,151, 159	0+1
	802.11ac 80	AC_MCS0_80	42, 58, 106, 122, 138, 155	0+1
3TX Non- Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1+2
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1+2
	802.11n ht40	MCS0_40	38, 46, 54, 62, 102, 110, 118, 134, 142, 151, 159	0+1+2
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64,100, 120, 140, 144, 149,157, 165	0+1+2
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62,102, 118, 134, 142,151, 159	0+1+2
	802.11ac 80	AC_MCS0_80	42, 58, 106, 122, 138, 155	0+1+2

Configurations	Test Mode	Data Rate	Channel	Antenna Chain
4TX Non- Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1+2+3
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1+2+3
	802.11n ht40	MCS0_40	38, 46, 54, 62, 102, 110, 118, 134, 142, 151, 159	0+1+2+3
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64,100, 120, 140, 144, 149,157, 165	0+1+2+3
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62,102, 118, 134, 142,151, 159	0+1+2+3
	802.11ac 80	AC_MCS0_80	42, 58, 106, 122, 138, 155	0+1+2+3
80+80 Non- Beamforming	802.11ac 80+80	AC_MCS0_160	42+58,106+122,42+155,58+138	0+2,1+3
2TX Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1
	802.11n ht40	MCS0_40	38, 46, 54, 62, 102, 110, 118, 134, 142, 151, 159	0+1
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64,100, 120, 140, 144, 149,157, 165	0+1
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62,102, 118, 134, 142,151, 159	0+1
	802.11ac 80	AC_MCS0_80	42, 58, 106, 122, 138, 155	0+1
3TX Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1+2
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1+2
	802.11n ht40	MCS0_40	38, 46, 54, 62, 102, 110, 118, 134, 142, 151, 159	0+1+2
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64,100, 120, 140, 144, 149,157, 165	0+1+2
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62,102, 118, 134, 142,151, 159	0+1+2
	802.11ac 80	AC_MCS0_80	42, 58, 106, 122, 138, 155	0+1+2
4TX Beamforming	802.11a	6Mbps	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1+2+3
	802.11n ht20	MCS0_20	36, 40, 48, 52, 56, 64,100, 116, 140, 144, 149,157, 165	0+1+2+3
	802.11n ht40	MCS0_40	38, 46, 54, 62, 102, 110, 118, 134, 142, 151, 159	0+1+2+3
	802.11ac 20	AC_MCS0_20	36, 40, 48, 52, 56, 64,100, 120, 140, 144, 149,157, 165	0+1+2+3
	802.11ac 40	AC_MCS0_40	38, 46, 54, 62,102, 118, 134, 142,151, 159	0+1+2+3
	802.11ac 80	AC_MCS0_80	42, 58, 106, 122, 138, 155	0+1+2+3
80+80 Beamforming	802.11ac 80+80	AC_MCS0_160	42+106,42+138,58+106,58+138	0+2

Note: for 802.11ac 80+80 mode, all channel configuration modes were listed and tested.

**EUT Exercise Software**

The QSPR.exe was used for testing, and the commands were provided by manufacturer.

**Radio 0:Band:5250~5350MHz**

**1TX:**

Software and version			QSPR.exe				
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level			
				Chain 0	Chain 1	Chain 2	Chain3
802.11 a	Low	5260	6	15	15	15	15
	Middle	5300	6	15	15	15	15
	High	5320	6	15	15	15	15
802.11n ht20	Low	5260	MCS0_20	15	15	15	15
	Middle	5300	MCS0_20	15	15	15	15
	High	5320	MCS0_20	15	15	15	15
802.11n ht40	Low	5270	MCS0_40	14	14	14	14
	High	5310	MCS0_40	14	14	14	14
802.11 ac20	Low	5260	AC MCS0_20	15	15	15	15
	Middle	5300	AC MCS0_20	15	15	15	15
	High	5320	AC MCS0_20	15	15	15	15
802.11 ac40	Low	5270	AC MCS0_40	14	14	14	14
	High	5310	AC MCS0_40	14	14	14	14
802.11 ac80	Middle	5290	AC MCS0_80	13	13	13	13

**2TX Non-beamforming:**

Software and version			QSPR.exe	
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1
802.11 a	Low	5260	6	15
	Middle	5300	6	15
	High	5320	6	15
802.11n ht20	Low	5260	MCS0_20	15
	Middle	5300	MCS0_20	15
	High	5320	MCS0_20	15
802.11n ht40	Low	5270	MCS0_40	14
	High	5310	MCS0_40	14
802.11 ac20	Low	5260	AC MCS0_20	15
	Middle	5300	AC MCS0_20	15
	High	5320	AC MCS0_20	15
802.11 ac40	Low	5270	AC MCS0_40	14
	High	5310	AC MCS0_40	13
802.11 ac80	Middle	5290	AC MCS0_80	13

**3TX Non-beamforming:**

Software and version			QSPR.exe	
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1&2
802.11 a	Low	5260	6	15
	Middle	5300	6	15
	High	5320	6	15
802.11n ht20	Low	5260	MCS0_20	15
	Middle	5300	MCS0_20	15
	High	5320	MCS0_20	15
802.11n ht40	Low	5270	MCS0_40	14
	High	5310	MCS0_40	13
802.11 ac20	Low	5260	AC_MCS0_20	15
	Middle	5300	AC_MCS0_20	15
	High	5320	AC_MCS0_20	15
802.11 ac40	Low	5270	AC_MCS0_40	14
	High	5310	AC_MCS0_40	12
802.11 ac80	Middle	5290	AC_MCS0_80	13

**4TX Non-beamforming:**

Software and version			QSPR.exe	
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1&2&3
802.11 a	Low	5260	6	13
	Middle	5300	6	13
	High	5320	6	13
802.11n ht20	Low	5260	MCS0_20	13
	Middle	5300	MCS0_20	13
	High	5320	MCS0_20	13
802.11n ht40	Low	5270	MCS0_40	14
	High	5310	MCS0_40	13
802.11 ac20	Low	5260	AC_MCS0_20	13
	Middle	5300	AC_MCS0_20	13
	High	5320	AC_MCS0_20	13
802.11 ac40	Low	5270	AC_MCS0_4	14
	High	5310	AC_MCS0_4	12
802.11 ac80	Middle	5290	AC_MCS0_80	12

**AC80+80 Mode Non-beamforming:**

Mode	Frequency (MHz)	Data Rate	Power Level
			Chain 0+Chain 2
AC80+80	5210+5290	AC_MCS0_160	10
			Chain 1+Chain 3
			10

**2TX with beamforming:**

Software and version			QSPR.exe	
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1
802.11 a	Low	5260	6	15
	Middle	5300	6	15
	High	5320	6	15
802.11n ht20	Low	5260	MCS0_20	15
	Middle	5300	MCS0_20	15
	High	5320	MCS0_20	15
802.11n ht40	Low	5270	MCS0_40	14
	High	5310	MCS0_40	14
802.11 ac20	Low	5260	AC_MCS0_20	15
	Middle	5300	AC_MCS0_20	15
	High	5320	AC_MCS0_20	15
802.11 ac40	Low	5270	AC_MCS0_40	14
	High	5310	AC_MCS0_40	12
802.11 ac80	Middle	5290	AC_MCS0_80	12

**3TX with beamforming:**

Software and version			QSPR.exe	
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1&2
802.11 a	Low	5260	6	11
	Middle	5300	6	11
	High	5320	6	11
802.11n ht20	Low	5260	MCS0_20	11
	Middle	5300	MCS0_20	11
	High	5320	MCS0_20	11
802.11n ht40	Low	5270	MCS0_40	14
	High	5310	MCS0_40	12
802.11 ac20	Low	5260	AC_MCS0_20	11
	Middle	5300	AC_MCS0_20	11
	High	5320	AC_MCS0_20	11
802.11 ac40	Low	5270	AC_MCS0_40	14
	High	5310	AC_MCS0_40	12
802.11 ac80	Middle	5290	AC_MCS0_80	13

**4TX with beamforming:**

Software and version			QSPR.exe	
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1&2&3
802.11 a	Low	5260	6	9
	Middle	5300	6	9
	High	5320	6	9
802.11n ht20	Low	5260	MCS0_20	9
	Middle	5300	MCS0_20	9
	High	5320	MCS0_20	9
802.11n ht40	Low	5270	MCS0_40	11
	High	5310	MCS0_40	11
802.11 ac20	Low	5260	AC MCS0_20	9
	Middle	5300	AC MCS0_20	9
	High	5320	AC MCS0_20	9
802.11 ac40	Low	5270	AC MCS0_40	11
	High	5310	AC MCS0_40	10
802.11 ac80	Middle	5290	AC MCS0_80	11

**AC80+80 Mode with beamforming:**

Mode	Frequency (MHz)	Data Rate	Power Level
			Chain 0+Chain 2
AC80+80	5210+5290	AC_MCS0_160	10
			Chain 1+Chain 3
			10

**Radio 1:Band:5250~5350MHz&5470~5725MHz**

**1TX:**

Software and version			QSPR.exe				
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level			
				Chain 0	Chain 1	Chain 2	Chain3
802.11 a	Low	5260	6	18	18	18	18
	Middle	5300	6	18	18	18	18
	High	5320	6	18	18	18	18
	Low	5500	MCS0	18	18	18	18
	Middle	5580	MCS0	18	18	18	18
	High	5700	MCS0	16.5	16.5	16.5	16.5
	High	5720	6	18	18	18	18
802.11n ht20	Low	5260	MCS0_20	18	18	18	18
	Middle	5300	MCS0_20	18	18	18	18
	High	5320	MCS0_20	18	18	18	18
	Low	5500	MCS0_20	18	18	18	18
	Middle	5580	MCS0_20	18	18	18	18
	High	5700	MCS0_20	16.5	16.5	16.5	16.5
	High	5720	MCS0_20	18	18	18	18
802.11n ht40	Low	5270	MCS0_40	17	17	17	17
	High	5310	MCS0_40	16	16	16	16
	Low	5510	MCS0_40	17	17	17	17
	Middle	5550	MCS0_40	17	17	17	17
	High	5670	MCS0_40	17	17	17	17
	High	5710	MCS0_40	17	17	17	17
	802.11 ac20	Low	5260	AC MCS0_20	18	18	18
Middle		5300	AC MCS0_20	18	18	18	18
High		5320	AC MCS0_20	18	18	18	18
Low		5500	AC MCS0_20	18	18	18	18
Middle		5580	AC MCS0_20	18	18	18	18
High		5700	AC MCS0_20	16.5	16.5	16.5	16.5
High		5720	AC MCS0_20	18	18	18	18
802.11 ac40	Low	5270	AC MCS0_40	17	17	17	17
	High	5310	AC MCS0_40	16	16	16	16
	Low	5510	AC MCS0_40	17	17	17	17
	Middle	5550	AC MCS0_40	17	17	17	17
	High	5670	AC MCS0_40	17	17	17	17
	High	5710	AC MCS0_40	17	17	17	17
	802.11 ac80	Middle	5290	AC MCS0_80	14.5	14.5	14.5
Low		5530	AC MCS0_80	15	15	15	15
Middle		5610	AC MCS0_80	16	16	16	16
High		5690	AC MCS0_80	16	16	16	16

**2TX Non-beamforming:**

Mode	Software and version		QSPR.exe	
	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1
802.11 a	Low	5260	6	18
	Middle	5300	6	18
	High	5320	6	18
	Low	5500	MCS0	18
	Middle	5580	MCS0	18
	High	5700	MCS0	16
	High	5720	6	18
802.11n ht20	Low	5260	MCS0_20	18
	Middle	5300	MCS0_20	18
	High	5320	MCS0_20	18
	Low	5500	MCS0_20	18
	Middle	5580	MCS0_20	18
	High	5700	MCS0_20	16
	High	5720	MCS0_20	18
802.11n ht40	Low	5270	MCS0_40	17
	High	5310	MCS0_40	12
	Low	5510	MCS0_40	16
	Middle	5550	MCS0_40	17
	High	5670	MCS0_40	16
	High	5710	MCS0_40	17
802.11 ac20	Low	5260	AC MCS0_20	18
	Middle	5300	AC MCS0_20	18
	High	5320	AC MCS0_20	18
	Low	5500	AC MCS0_20	18
	Middle	5580	AC MCS0_20	18
	High	5700	AC MCS0_20	16
	High	5720	AC MCS0_20	18
802.11 ac40	Low	5270	AC MCS0_40	17
	High	5310	AC MCS0_40	12
	Low	5510	AC MCS0_40	16
	Middle	5550	AC MCS0_40	17
	High	5670	AC MCS0_40	17
	High	5710	AC MCS0_40	17
802.11 ac80	Middle	5290	AC MCS0_80	9
	Low	5530	AC MCS0_80	11
	Middle	5610	AC MCS0_80	16
	High	5690	AC MCS0_80	16



**3TX Non-beamforming:**

Software and version			QSPR.exe	
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1&2
802.11 a	Low	5260	6	14
	Middle	5300	6	14
	High	5320	6	14
	Low	5500	MCS0	14
	Middle	5580	MCS0	14
	High	5700	MCS0	14
	High	5720	6	14
802.11n ht20	Low	5260	MCS0_20	14
	Middle	5300	MCS0_20	14
	High	5320	MCS0_20	14
	Low	5500	MCS0_20	14
	Middle	5580	MCS0_20	14
	High	5700	MCS0_20	14
	High	5720	MCS0_20	14
802.11n ht40	Low	5270	MCS0_40	17
	High	5310	MCS0_40	11
	Low	5510	MCS0_40	15
	Middle	5550	MCS0_40	17
	High	5670	MCS0_40	16
	High	5710	MCS0_40	17
802.11 ac20	Low	5260	AC MCS0_20	15
	Middle	5300	AC MCS0_20	15
	High	5320	AC MCS0_20	15
	Low	5500	AC MCS0_20	14
	Middle	5580	AC MCS0_20	14
	High	5700	AC MCS0_20	14
	High	5720	AC MCS0_20	14
802.11 ac40	Low	5270	AC MCS0_40	17
	High	5310	AC MCS0_40	11
	Low	5510	AC MCS0_40	15
	Middle	5550	AC MCS0_40	17
	High	5670	AC MCS0_40	16
	High	5710	AC MCS0_40	17
802.11 ac80	Middle	5290	AC MCS0_80	7
	Low	5530	AC MCS0_80	9
	Middle	5610	AC MCS0_80	15
	High	5690	AC MCS0_80	16

**4TX Non-beamforming:**

Software and version			QSPR.exe	
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1&2&3
802.11 a	Low	5260	6	12
	Middle	5300	6	12
	High	5320	6	12
	Low	5500	MCS0	12
	Middle	5580	MCS0	12
	High	5700	MCS0	12
	High	5720	6	12
802.11n ht20	Low	5260	MCS0_20	12
	Middle	5300	MCS0_20	12
	High	5320	MCS0_20	12
	Low	5500	MCS0_20	12
	Middle	5580	MCS0_20	12
	High	5700	MCS0_20	12
	High	5720	MCS0_20	12
802.11n ht40	Low	5270	MCS0_40	15
	High	5310	MCS0_40	11
	Low	5510	MCS0_40	14
	Middle	5550	MCS0_40	15
	High	5670	MCS0_40	15
	High	5710	MCS0_40	15
802.11 ac20	Low	5260	AC MCS0_20	12
	Middle	5300	AC MCS0_20	12
	High	5320	AC MCS0_20	12
	Low	5500	AC MCS0_20	12
	Middle	5580	AC MCS0_20	12
	High	5700	AC MCS0_20	12
	High	5720	AC MCS0_20	12
802.11 ac40	Low	5270	AC MCS0_4	15
	High	5310	AC MCS0_4	11
	Low	5510	AC MCS0_40	14
	Middle	5550	AC MCS0_40	15
	High	5670	AC MCS0_40	15
	High	5710	AC MCS0_40	15
802.11 ac80	Middle	5290	AC MCS0_80	6
	Low	5530	AC MCS0_80	7
	Middle	5610	AC MCS0_80	14
	High	5690	AC MCS0_80	16

**AC80+80 Mode Non-beamforming:**

Test Mode	Test Software Version	QSPR.exe	
802.11ac vht80+80	Test Frequency	5210MHz+5290MHz	5210MHz+5290MHz
	Chain	Chain 0+Chain 2	Chain 1+Chain 3
	Data Rate	AC_MCS0_160	AC_MCS0_160
	Power Level Setting	13	13
	Test Frequency	5530MHz+5610MHz	5530MHz+5610MHz
	Chain	Chain 0+Chain 2	Chain 1+Chain 3
	Data Rate	AC_MCS0_160	AC_MCS0_160
	Power Level Setting	13	13
	Test Frequency	5210MHz+5775MHz	5210MHz+5775MHz
	Chain	Chain 0+Chain 2	Chain 1+Chain 3
	Data Rate	AC_MCS0_160	AC_MCS0_160
	Power Level Setting	13	13
	Test Frequency	5290MHz+5690MHz	5290MHz+5690MHz
	Chain	Chain 0+Chain 2	Chain 1+Chain 3
	Data Rate	AC_MCS0_160	AC_MCS0_160
	Power Level Setting	13	13

**2TX with beamforming:**

Software and version			QSPR.exe	
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1
802.11 a	Low	5260	6	15
	Middle	5300	6	15
	High	5320	6	15
	Low	5500	MCS0	15
	Middle	5580	MCS0	15
	High	5700	MCS0	14
802.11n ht20	Low	5260	MCS0_20	15
	Middle	5300	MCS0_20	15
	High	5320	MCS0_20	15
	Low	5500	MCS0_20	15
	Middle	5580	MCS0_20	15
	High	5700	MCS0_20	14
802.11n ht40	Low	5270	MCS0_40	17
	High	5310	MCS0_40	11
	Low	5510	MCS0_40	13
	Middle	5550	MCS0_40	17
	High	5670	MCS0_40	15
	High	5710	MCS0_40	17
802.11 ac20	Low	5260	AC MCS0_20	15
	Middle	5300	AC MCS0_20	15
	High	5320	AC MCS0_20	15
	Low	5500	AC MCS0_20	15
	Middle	5580	AC MCS0_20	15
	High	5700	AC MCS0_20	14
802.11 ac40	Low	5270	AC MCS0_40	17
	High	5310	AC MCS0_40	11
	Low	5510	AC MCS0_40	13
	Middle	5550	AC MCS0_40	17
	High	5670	AC MCS0_40	15
	High	5710	AC MCS0_40	17
802.11 ac80	Middle	5290	AC MCS0_80	7
	Low	5530	AC MCS0_80	7
	Middle	5610	AC MCS0_80	15
	High	5690	AC MCS0_80	16

**3TX with beamforming:**

Software and version			QSPR.exe	
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1&2
802.11 a	Low	5260	6	12
	Middle	5300	6	12
	High	5320	6	12
	Low	5500	MCS0	12
	Middle	5580	MCS0	12
	High	5700	MCS0	11
802.11n ht20	Low	5260	MCS0_20	12
	Middle	5300	MCS0_20	12
	High	5320	MCS0_20	12
	Low	5500	MCS0_20	12
	Middle	5580	MCS0_20	12
	High	5700	MCS0_20	12
802.11n ht40	Low	5270	MCS0_40	15
	High	5310	MCS0_40	10
	Low	5510	MCS0_40	21
	Middle	5550	MCS0_40	15
	High	5670	MCS0_40	15
	High	5710	MCS0_40	15
802.11 ac20	Low	5260	AC MCS0_20	12
	Middle	5300	AC MCS0_20	12
	High	5320	AC MCS0_20	12
	Low	5500	AC MCS0_20	12
	Middle	5580	AC MCS0_20	12
	High	5700	AC MCS0_20	12
802.11 ac40	Low	5270	AC MCS0_40	14
	High	5310	AC MCS0_40	10
	Low	5510	AC MCS0_40	12
	Middle	5550	AC MCS0_40	14
	High	5670	AC MCS0_40	14
	High	5710	AC MCS0_40	14
802.11 ac80	Middle	5290	AC MCS0_80	6
	Low	5530	AC MCS0_80	6
	Middle	5610	AC MCS0_80	13
	High	5690	AC MCS0_80	15

**4TX with beamforming:**

Software and version			QSPR.exe	
Mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Power Level
				Chain 0&1&2&3
802.11 a	Low	5260	6	9
	Middle	5300	6	9
	High	5320	6	9
	Low	5500	MCS0	9
	Middle	5580	MCS0	9
	High	5700	MCS0	9
802.11n ht20	Low	5260	MCS0_20	9
	Middle	5300	MCS0_20	9
	High	5320	MCS0_20	9
	Low	5500	MCS0_20	9
	Middle	5580	MCS0_20	9
	High	5700	MCS0_20	9
802.11n ht40	Low	5270	MCS0_40	12
	High	5310	MCS0_40	9
	Low	5510	MCS0_40	12
	Middle	5550	MCS0_40	12
	High	5670	MCS0_40	12
	High	5710	MCS0_40	12
802.11 ac20	Low	5260	AC MCS0_20	9
	Middle	5300	AC MCS0_20	9
	High	5320	AC MCS0_20	9
	Low	5500	AC MCS0_20	9
	Middle	5580	AC MCS0_20	9
	High	5700	AC MCS0_20	9
802.11 ac40	Low	5270	AC MCS0_40	12
	High	5310	AC MCS0_40	9
	Low	5510	AC MCS0_40	12
	Middle	5550	AC MCS0_40	12
	High	5670	AC MCS0_40	12
	High	5710	AC MCS0_40	12
802.11 ac80	Middle	5290	AC MCS0_80	5
	Low	5530	AC MCS0_80	4
	Middle	5610	AC MCS0_80	12
	High	5690	AC MCS0_80	14

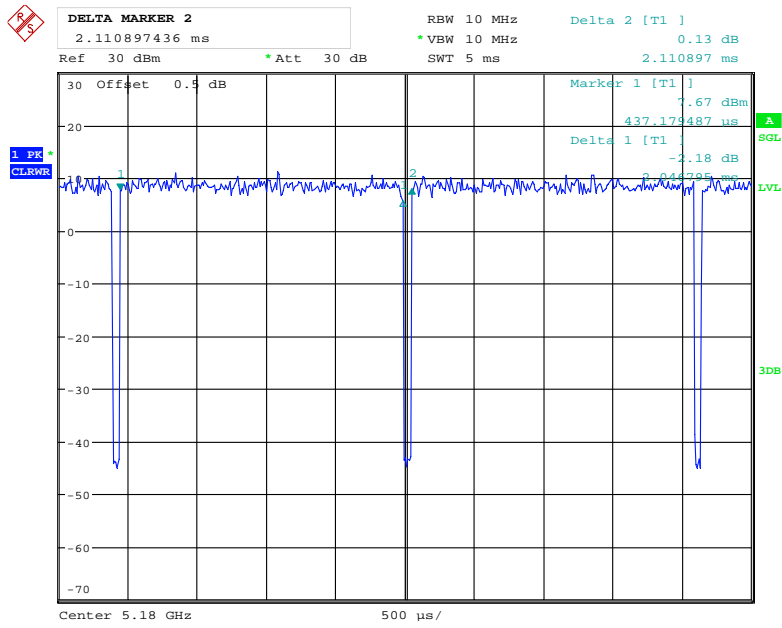
**AC80+80 Mode with beamforming:**

Test Mode	Test Software Version	QSPR.exe	
802.11ac vht80+80	Test Frequency	5210MHz+5290MHz	5210MHz+5290MHz
	Chain	Chain 0+Chain 2	Chain 1+Chain 3
	Data Rate	AC_MCS0_160	AC_MCS0_160
	Power Level Setting	13	13
	Test Frequency	5530MHz+5610MHz	5530MHz+5610MHz
	Chain	Chain 0+Chain 2	Chain 1+Chain 3
	Data Rate	AC_MCS0_160	AC_MCS0_160
	Power Level Setting	13	13
	Test Frequency	5210MHz+5775MHz	5210MHz+5775MHz
	Chain	Chain 0+Chain 2	Chain 1+Chain 3
	Data Rate	AC_MCS0_160	AC_MCS0_160
	Power Level Setting	13	13
	Test Frequency	5290MHz+5690MHz	5290MHz+5690MHz
	Chain	Chain 0+Chain 2	Chain 1+Chain 3
	Data Rate	AC_MCS0_160	AC_MCS0_160
	Power Level Setting	13	13

The duty cycle as below:

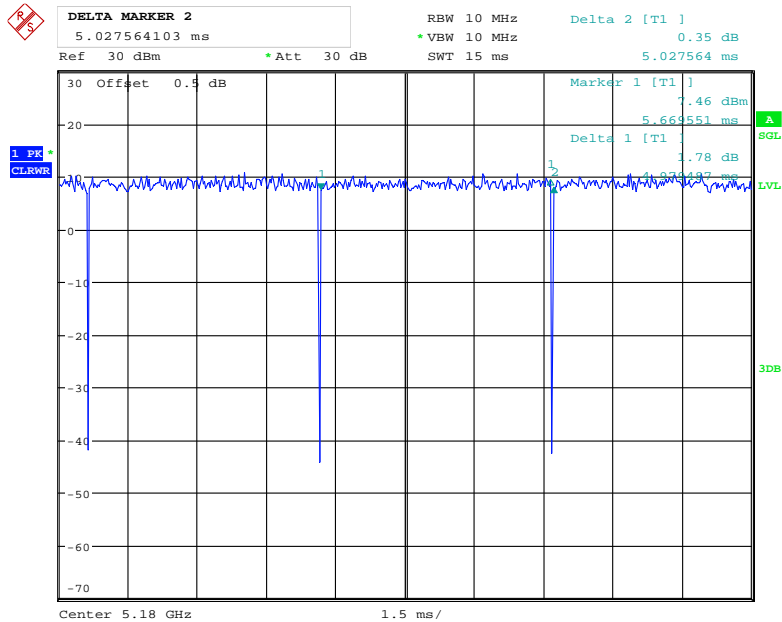
Mode	T <sub>on</sub> (ms)	T <sub>on+off</sub> (ms)	Duty Cycle(x) (%)	Duty Cycle Factor 10*log(1/x) (dB)
802.11a	2.047	2.111	96.97	0.13
802.11n ht20	4.979	5.028	99.03	0.04
802.11n ht40	2.399	2.496	96.11	0.17
802.11 ac20	4.979	5.028	99.03	0.04
802.11 ac40	2.415	2.528	95.53	0.20
802.11 ac80	1.130	1.202	94.01	0.27
AC80+80	2.256	2.321	97.20	0.12

### 802.11a



Date: 4.NOV.2017 14:19:48

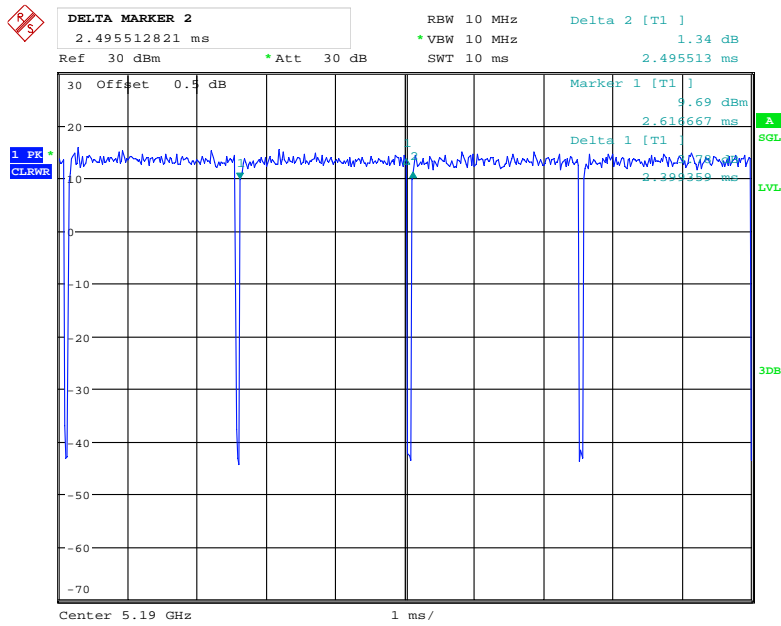
### 802.11n ht20



Date: 4.NOV.2017 14:25:41

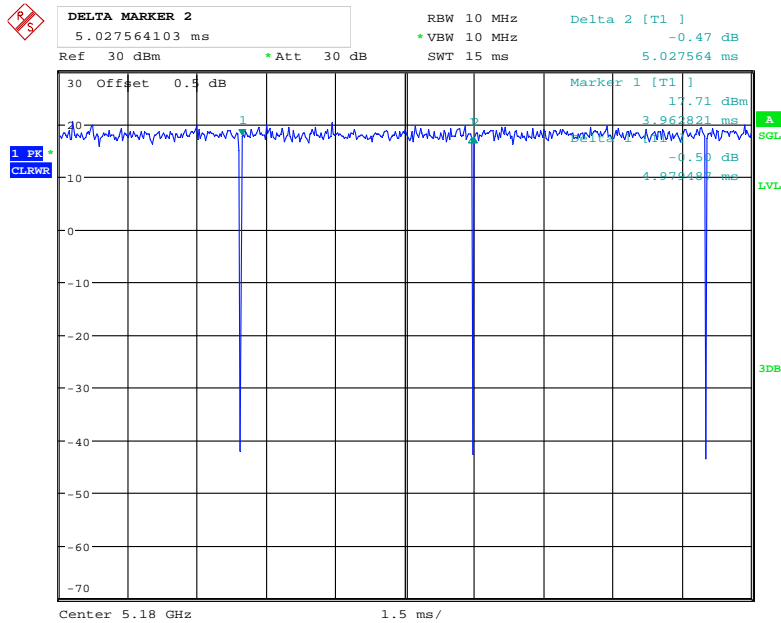


### 802.11n ht40



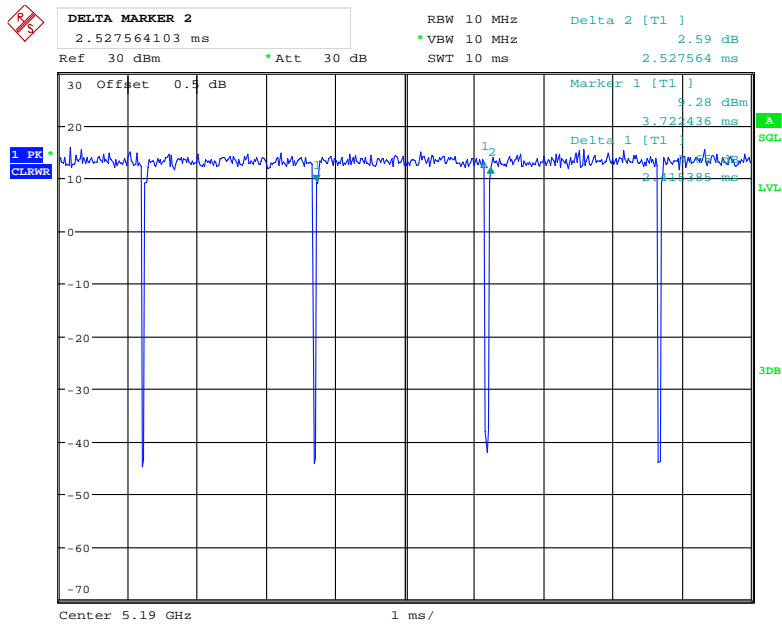
Date: 4.NOV.2017 14:31:12

### 802.11ac vht 20



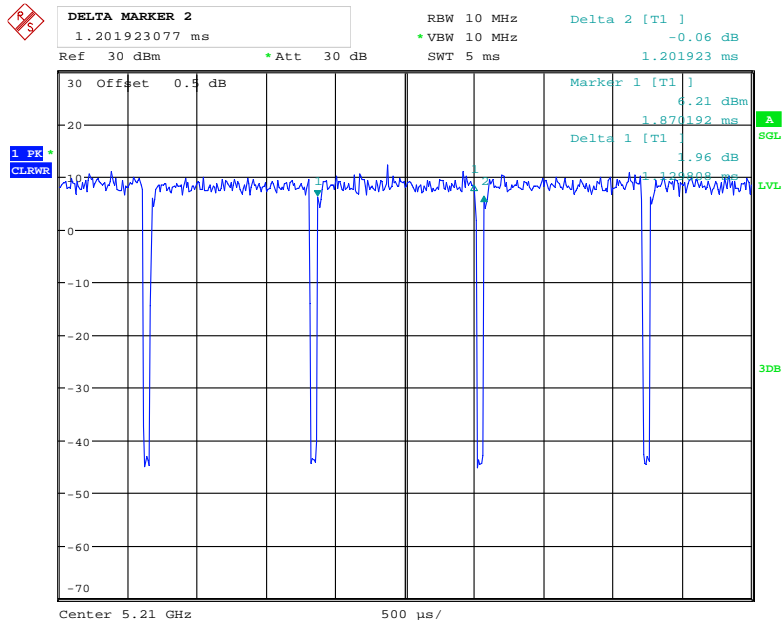
Date: 4.NOV.2017 14:29:15

### 802.11ac vht 40



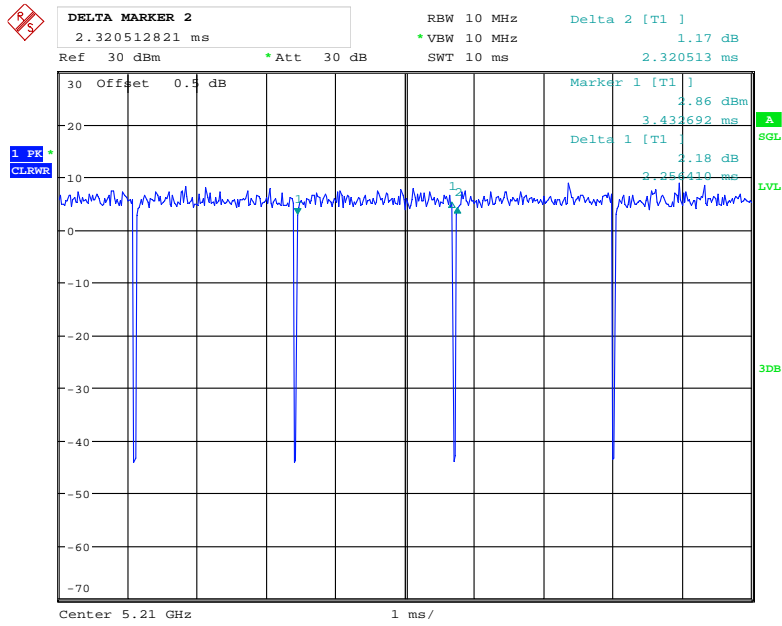
Date: 4.NOV.2017 14:34:46

### 802.11ac80



Date: 4.NOV.2017 14:44:54

### AC80+80



Date: 4.NOV.2017 14:51:35

### Equipment Modifications

No modification was made to the EUT.

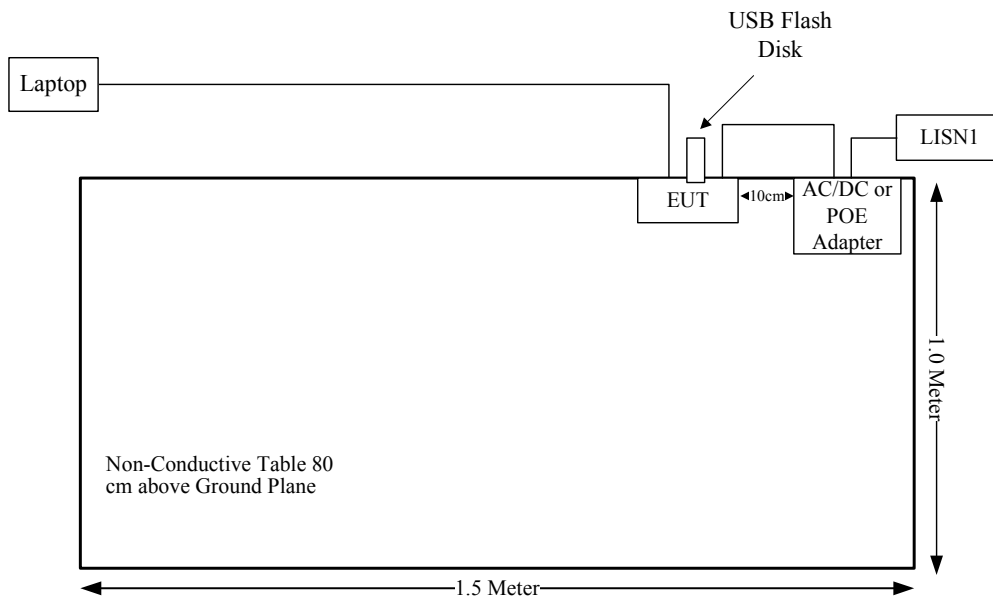
### Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
HUAWEI	PoE Adapter	PoE35-54A	N/A
N/A	AC/DC Adapter	DC48A2	N/A
Lenovo	Laptop	ThinkPad E450	PF-0MRADG
Kingston	USB Flash Disk	4G	N/A

### External Cable

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	To
RJ45 Cable	yes	No	1.0	PoE Adapter	EUT
RJ45 Cable	yes	No	10	EUT	Laptop

### Block Diagram of Test Setup



## SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
FCC §15.407 (f) & §1.1310 & §2.1091	Maximum Permissible Exposure (MPE)	Compliance
§15.203	Antenna Requirement	Compliance
§15.407(b)(6)& §15.207(a)	Conducted Emissions	Compliance
§15.205& §15.209 &§15.407(b)	Undesirable Emission& Restricted Bands	Compliance
§15.407(b)	Out Of Band Emissions	Compliance
§15.407(a) (e)	Emission Bandwidth	Compliance
§15.407(g)	Frequency Stability	Compliance
§15.407(a)	Conducted Transmitter Output Power	Compliance
§15.407 (a)	Power Spectral Density	Compliance
FCC§15.407(H)	Dynamic Frequency Selection (DFS)	Compliance*

Note:

Compliance\*: please refer to the DFS test report: RDG170921008-00E.

**FCC §15.407 (f) & §1.1310 & §2.1091- MAXIMUM PERMISSIBLE EXPOSURE (MPE)**

**Applicable Standard**

According to subpart 15.407(f) and subpart §1.1310, systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission’s guidelines.

Limits for Maximum Permissible Exposure (MPE) (§1.1310, §2.1091)

<b>(B) Limits for General Population/Uncontrolled Exposure</b>				
Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm <sup>2</sup> )	Averaging Time (minutes)
0.3–1.34	614	1.63	*(100)	30
1.34–30	824/f	2.19/f	*(180/f <sup>2</sup> )	30
30–300	27.5	0.073	0.2	30
300–1500	/	/	f/1500	30
1500–100,000	/	/	1.0	30

f = frequency in MHz; \* = Plane-wave equivalent power density;

According to §1.1310 and §2.1091 RF exposure is calculated.

**Calculation formula:**

Prediction of power density at the distance of the applicable MPE limit

$S = PG/4\pi R^2$  = power density (in appropriate units, e.g. mW/cm<sup>2</sup>);

P = power input to the antenna (in appropriate units, e.g., mW);

G = power gain of the antenna in the direction of interest relative to an isotropic radiator, the power gain factor, is normally numeric gain;

R = distance to the center of radiation of the antenna (appropriate units, e.g., cm);

For simultaneously transmit system, the calculated power density should comply with:

$$\sum_i \frac{S_i}{S_{Limit,i}} \leq 1$$

**Calculated Data:**

Radio	Description	Frequency (MHz)	Antenna Gain		Conducted output power including Tune-up Tolerance		Evaluation Distance (cm)	Power Density (mW/cm <sup>2</sup> )	MPE Limit (mW/cm <sup>2</sup> )
			(dBi)	(numeric)	(dBm)	(mW)			
0	WLAN 5G Low Band	5180-5320	2.8	1.91	21	125.89	20.00	0.05	1.0
1	WLAN 2.4G+5G Whole Band	2412-2462	2	1.58	30	1000.00	20.00	0.32	1.0
		5180-5825	2.8	1.91	24	251.19	20.00	0.10	1.0
2	BLE	2402-2480	4	2.51	3	2.00	20.00	0.001	1.0

Note:

The Radio 1(WLAN 2.4G+5G Whole Band) can transmit in 2.4G band, or 5G whole band, or transmit in both band simultaneously.

Radio 1(WLAN 2.4G+5G Whole Band) and Radio 0(WLAN 5G Low Band) can't transmit in 5150-5350MHz band simultaneously.

The 3 radios can transmit simultaneously, the maximum RF exposure condition as below:

$$\sum_i \frac{S_i}{S_{Limit,i}}$$

$$=S_{Radio1-2.4G}/S_{limit-Radio1-2.4G} + S_{Radio1-5G}/S_{limit-Radio1-5G} + S_{Radio0-5G}/S_{limit-Radio0-5G} + S_{Radio2}/S_{limit-Radio3}$$

$$=0.05/1+0.32/1+0.1/1+0.001/1$$

$$=0.46$$

$$< 1.0$$

**Result:** The device meet FCC MPE at 20 cm distance

---

## **FCC §15.203 – ANTENNA REQUIREMENT**

---

### **Applicable Standard**

According to § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall 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. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

And according to FCC 47 CFR section 15.407 (a)(1), if transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

### **Antenna Connector Construction**

The EUT have 4 internal metal plate antennas for WLAN 2.4GHz+5G Whole band, all the antenna gains are 2.0 dBi in 2.4GHz band and 2.8 dBi in 5GHz band. One internal PCB antenna for BLE, the antenna gain is 4.0 dBi. 4 internal PCB antennas for WLAN 5G Low Band(5150-5350MHz), all the antenna gains are 2.8 dBi. Please refer to the EUT photo.

**Result:** Compliance.

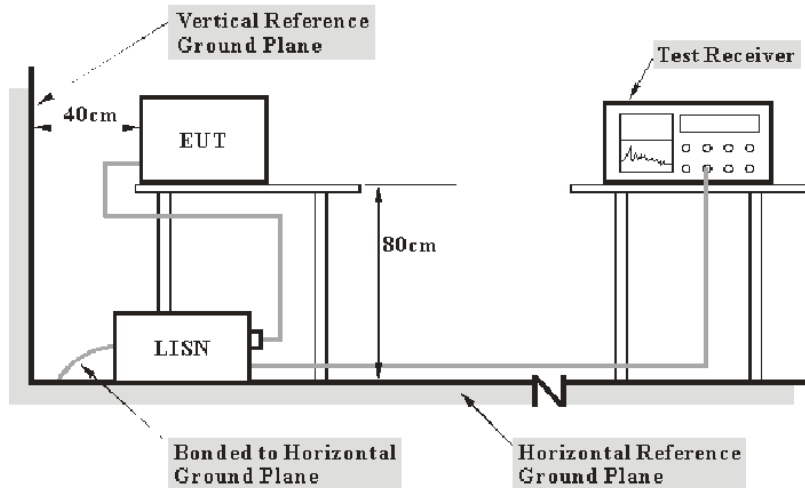


**FCC §15.407 (b) (6) §15.207 (a) – CONDUCTED EMISSIONS**

**Applicable Standard**

FCC §15.207(a), §15.407(b) (6).

**EUT Setup**



- Note: 1. Support units were connected to second LISN.
- 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

The EUT was connected to the main lisen with a 120 V/60 Hz AC power source.

**EMI Test Receiver Setup**

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

## Corrected Amplitude & Margin Calculation

The basic equation is as follows:

$$V_C = V_R + A_C + VDF$$

$$C_f = A_C + VDF$$

Herein,

$V_C$  (cord. Reading): corrected voltage amplitude

$V_R$ : reading voltage amplitude

$A_C$ : attenuation caused by cable loss

VDF: voltage division factor of AMN

$C_f$ : Correction Factor

The “**Margin**” column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Limit} - \text{Corrected Amplitude}$$

## Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCS 30	830245/006	2016-12-08	2017-12-08
R&S	L.I.S.N	ESH2-Z5	892107/021	2017-09-01	2018-09-01
R&S	Two-line V-network	ENV 216	3560.6550.12	2016-12-08	2017-12-08
R&S	Test Software	EMC32	Version8.53.0	N/A	N/A
N/A	Coaxial Cable	C-NJNJ-50	C-0200-01	2017-09-05	2018-09-05

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

## Test Procedure

During the conducted emission test, the EUT was connected to the first LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

**Test Data**

**Environmental Conditions**

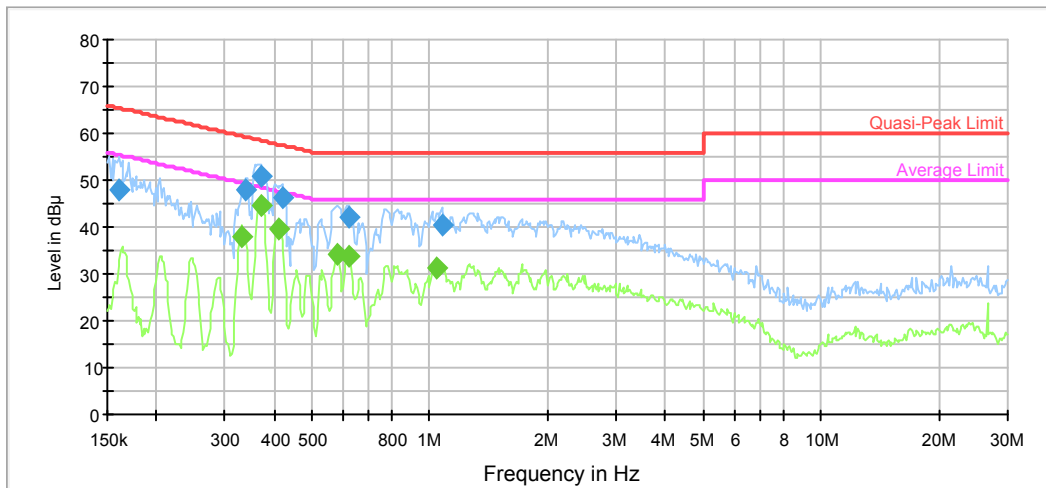
<b>Temperature:</b>	26.1 °C
<b>Relative Humidity:</b>	44 %
<b>ATM Pressure:</b>	101.4 kPa

The testing was performed by Alex You on 2017-12-01.

Test Mode: Transmitting

PoE adapter:

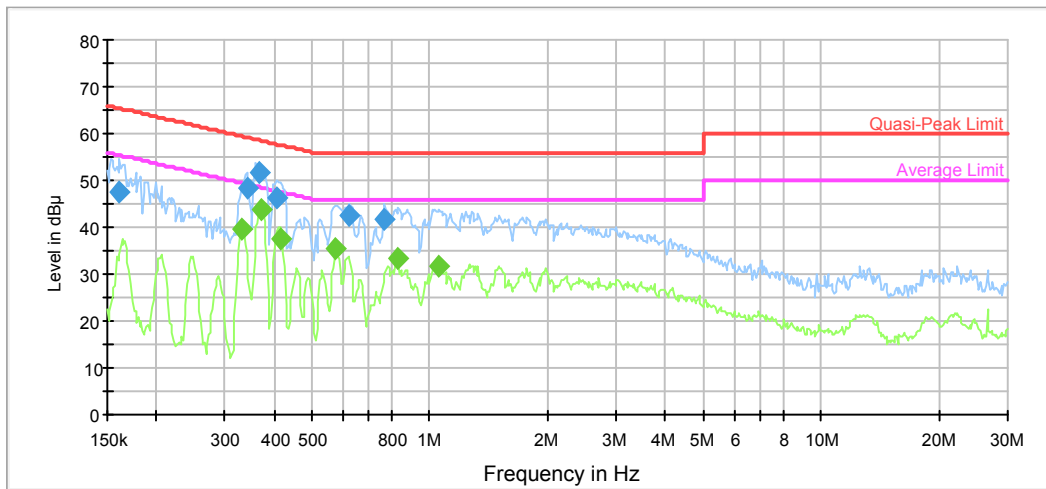
AC120 V, 60 Hz, Line:



Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.161152	47.8	9.000	L1	11.0	17.6	65.4	Compliance
0.338116	47.8	9.000	L1	10.1	11.4	59.2	Compliance
0.369089	51.0	9.000	L1	10.0	7.5	58.5	Compliance
0.419276	46.4	9.000	L1	10.0	11.1	57.5	Compliance
0.619536	41.9	9.000	L1	9.8	14.1	56.0	Compliance
1.073601	40.5	9.000	L1	9.8	15.5	56.0	Compliance

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.332770	37.8	9.000	L1	10.1	11.6	49.4	Compliance
0.372042	44.7	9.000	L1	10.0	3.8	48.5	Compliance
0.412647	39.5	9.000	L1	10.0	8.1	47.6	Compliance
0.581275	34.1	9.000	L1	9.8	11.9	46.0	Compliance
0.619536	33.8	9.000	L1	9.8	12.2	46.0	Compliance
1.039922	31.1	9.000	L1	9.8	14.9	46.0	Compliance

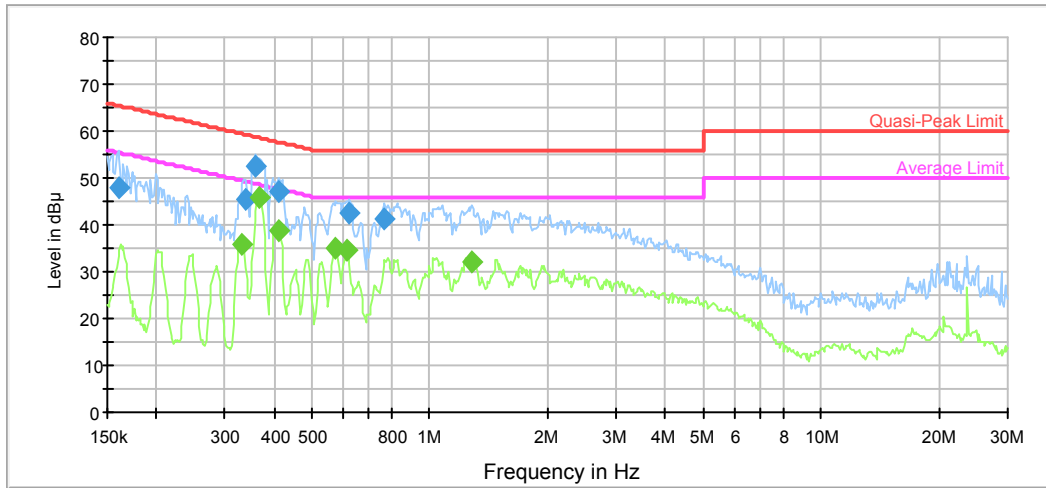
**AC120 V, 60 Hz, Neutral:**



frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.161152	47.6	9.000	N	11.0	17.8	65.4	Compliance
0.340821	48.3	9.000	N	10.1	10.9	59.2	Compliance
0.366160	51.7	9.000	N	10.0	6.9	58.6	Compliance
0.406123	46.1	9.000	N	10.0	11.6	57.7	Compliance
0.624492	42.6	9.000	N	9.8	13.4	56.0	Compliance
0.768247	41.5	9.000	N	9.8	14.5	56.0	Compliance

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.330129	39.6	9.000	N	10.1	9.8	49.4	Compliance
0.372042	43.7	9.000	N	10.0	4.8	48.5	Compliance
0.415949	37.7	9.000	N	10.0	9.8	47.5	Compliance
0.576662	35.5	9.000	N	9.8	10.5	46.0	Compliance
0.831967	33.2	9.000	N	9.8	12.8	46.0	Compliance
1.048242	31.8	9.000	N	9.8	14.2	46.0	Compliance

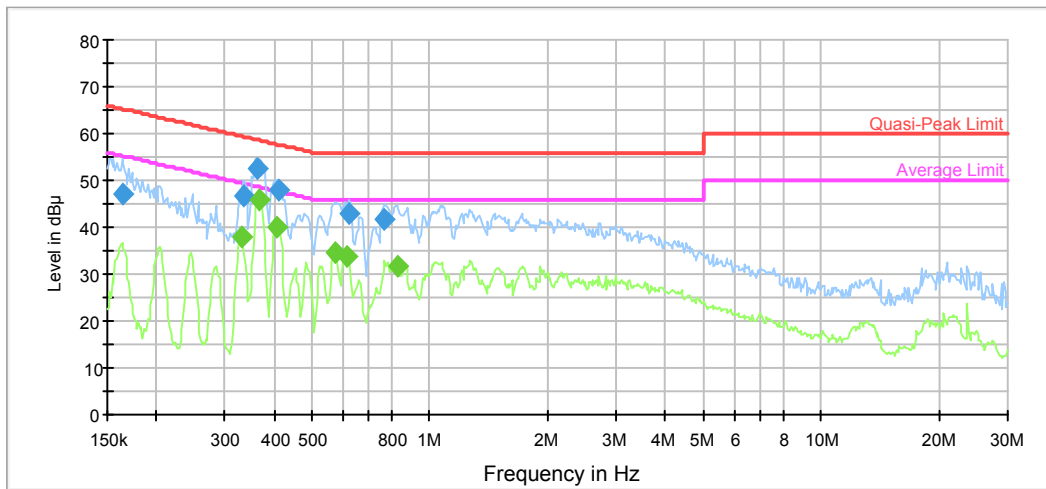
**AC/DC Adapter:  
AC120 V, 60 Hz, Line:**



Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.159873	48.0	9.000	L1	11.1	17.5	65.5	Compliance
0.338116	45.6	9.000	L1	10.1	13.6	59.2	Compliance
0.360371	52.4	9.000	L1	10.0	6.3	58.7	Compliance
0.409372	47.3	9.000	L1	10.0	10.4	57.7	Compliance
0.624492	42.7	9.000	L1	9.8	13.3	56.0	Compliance
0.768247	41.3	9.000	L1	9.8	14.7	56.0	Compliance

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.332770	36.0	9.000	L1	10.1	13.4	49.4	Compliance
0.366160	46.0	9.000	L1	10.0	2.6	48.6	Compliance
0.412647	38.7	9.000	L1	10.0	8.9	47.6	Compliance
0.576662	35.2	9.000	L1	9.8	10.8	46.0	Compliance
0.614619	34.5	9.000	L1	9.8	11.5	46.0	Compliance
1.279307	32.2	9.000	L1	9.8	13.8	46.0	Compliance

**AC120 V, 60 Hz, Neutral:**



frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.163741	47.3	9.000	N	11.0	18.0	65.3	Compliance
0.335433	46.6	9.000	N	10.1	12.7	59.3	Compliance
0.363254	52.6	9.000	N	10.0	6.1	58.7	Compliance
0.412647	47.7	9.000	N	10.0	9.9	57.6	Compliance
0.624492	43.1	9.000	N	9.8	12.9	56.0	Compliance
0.768247	41.7	9.000	N	9.8	14.3	56.0	Compliance

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.332770	37.9	9.000	N	10.1	11.5	49.4	Compliance
0.366160	45.9	9.000	N	10.0	2.7	48.6	Compliance
0.406123	39.8	9.000	N	10.0	7.9	47.7	Compliance
0.576662	34.7	9.000	N	9.8	11.3	46.0	Compliance
0.614619	33.8	9.000	N	9.8	12.2	46.0	Compliance
0.825364	31.8	9.000	N	9.8	14.2	46.0	Compliance

---

**FCC §15.209, §15.205 & §15.407(b) –UNWANTED EMISSION**

---

**Applicable Standard**

FCC §15.407; §15.209; §15.205;

(b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of  $-27$  dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in §15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in §15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.

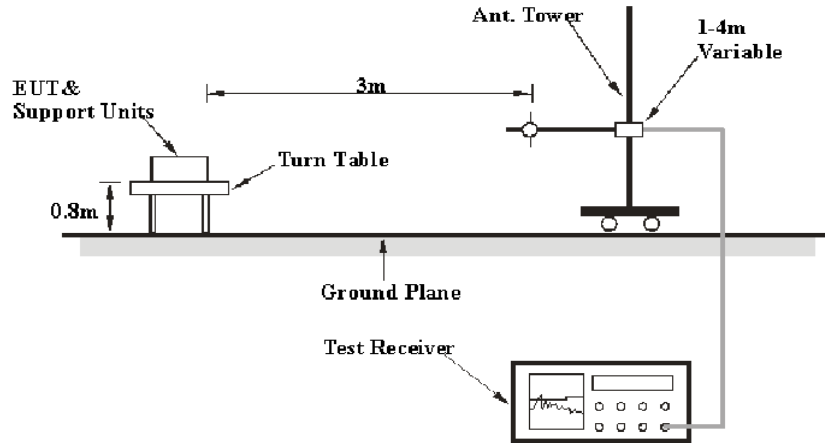
(5) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.

(6) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.

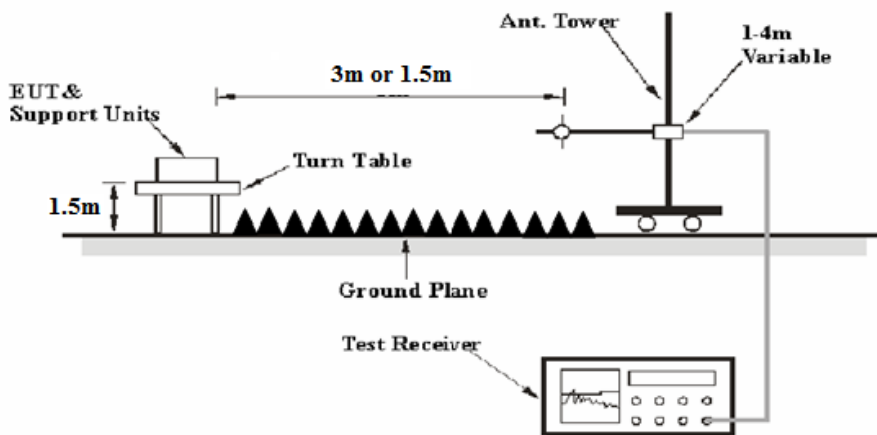
(7) The provisions of §15.205 apply to intentional radiators operating under this section.

### EUT Setup

#### Below 1 GHz:



#### Above 1 GHz:



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.407 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.



## EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 30 MHz to 40 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

30-1000MHz:

Measurement	RBW	Video B/W	IF B/W
QP	120 kHz	300 kHz	120kHz

1GHz- 40GHz:

Measurement	Duty cycle	RBW	Video B/W
PK	Any	1MHz	3 MHz
Ave.	>98%	1MHz	10 Hz
	<98%	1MHz	1/T

## Test Procedure

During the radiated emission test, the EUT was connected to the first AC floor outlet.

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz-1GHz, peak and Average detection modes for frequencies above 1GHz.

According to KDB 789033 D02 General UNII Test Procedures New Rules v01r04, emission shall be computed as:  $E [dB\mu V/m] = EIRP[dBm] + 95.2$ , for  $d = 3$  meters.

## Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

$$\text{Corrected Amplitude} = \text{Meter Reading} + \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Extrapolation result} - \text{Limit}$$

**Test Equipment List and Details**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCI	100224	2017-09-01	2018-09-01
Sunol Sciences	Antenna	JB3	A060611-1	2017-11-10	2020-11-10
HP	Amplifier	8447D	2727A05902	2017-09-05	2018-09-05
EMCO	Passive Loop	6512	9706-1206	2017-03-05	2020-03-05
MITEQ	Amplifier	AFS42-00101800-25-S-42	2001271	2017-09-05	2018-09-05
ETS-Lindgren	Horn Antenna	3115	000 527 35	2016-01-05	2019-01-05
Agilent	Spectrum Analyzer	E4440A	SG43360054	2016-12-08	2017-12-08
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-02 1304	2016-11-18	2019-11-18
Quinstar	Amplifier	QLW-18405536-JO	15964001001	2017-06-27	2018-06-27
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-01 1302	2016-11-18	2019-11-18
R&S	Spectrum Analyzer	FSP 38	100478	2017-12-08	2018-12-08
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-02	2017-09-05	2018-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-02	2017-09-05	2018-09-05
Unknown	Coaxial Cable	C-NJNJ-50	C-2200-01	2017-09-05	2018-09-05
Unknown	Coaxial Cable	C-SJSJ-50	C-0800-01	2017-09-05	2018-09-05
Chengdu OuLi	Bandrejector Filter	5725-5850	005	2017-09-05	2018-09-05
Chengdu OuLi	Bandrejector Filter	5150-5350	004	2017-09-05	2018-09-05
Chengdu OuLi	Bandrejector Filter	5470-5725	006	2017-09-05	2018-09-05
Farad	Test Software	EZ-EMC	V1.1.4.2	N/A	N/A

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

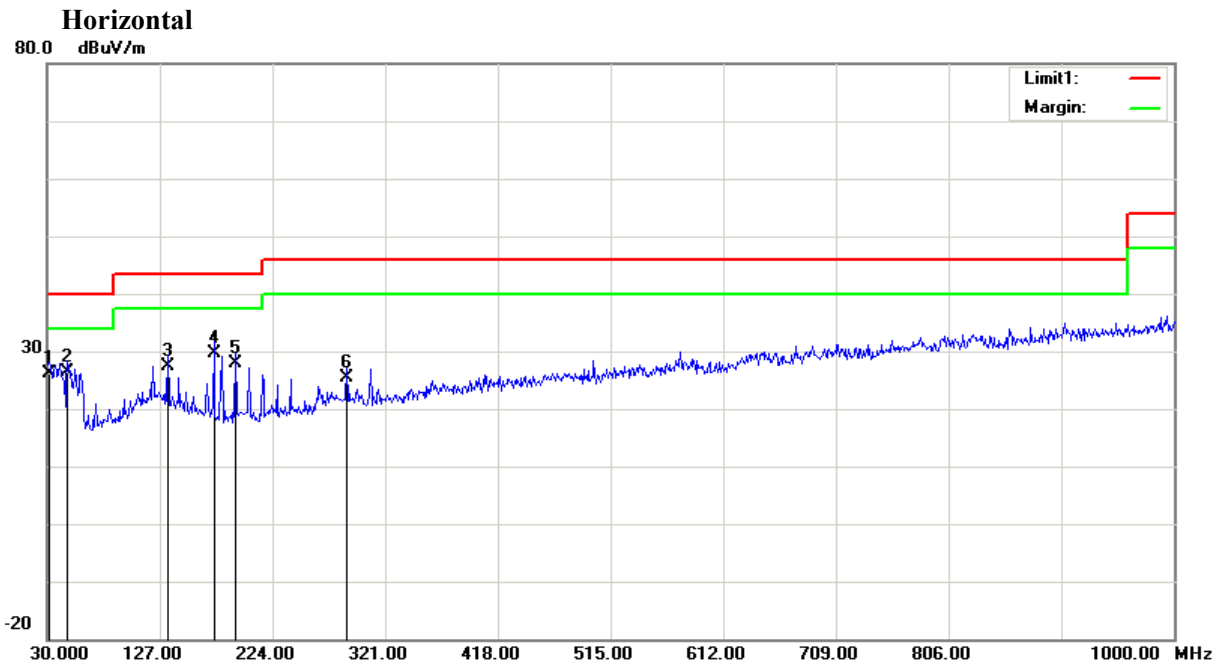
**Test Data****Environmental Conditions**

<b>Temperature:</b>	24.9~25.2 °C
<b>Relative Humidity:</b>	36~39 %
<b>ATM Pressure:</b>	101.3~101.4 kPa

\* The testing was performed by Kakaxi Chen and Steven Zuo from 2017-10-24 to 2017-10-25.

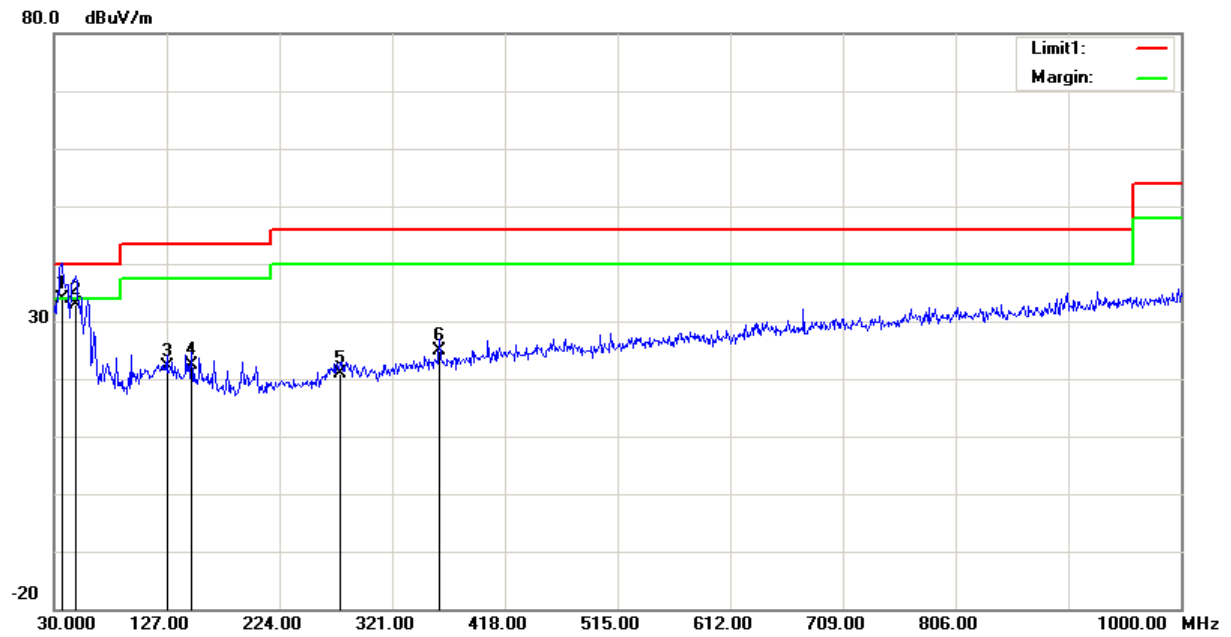
Test Mode: Transmitting(PoE adapter was the worst)

1) Below 1GHz(802.11 b mode 2437MHz 1TX +802.11a 5785MHz 1TX+BLE middle channel was the worst):



Frequency (MHz)	Receiver Reading (dBμV)	Detector	Correction Factor (dB/m)	Cord. Amp. (dBμV/m)	Limit (dBμV/m)	Margin (dB)
31.9400	26.55	QP	-0.35	26.20	40.00	13.80
47.4600	37.00	QP	-10.70	26.30	40.00	13.70
133.7900	32.81	QP	-5.41	27.40	43.50	16.10
173.5600	37.34	QP	-7.64	29.70	43.50	13.80
191.9900	35.32	QP	-7.52	27.80	43.50	15.70
288.0200	29.22	QP	-3.92	25.30	46.00	20.70

**Vertical**



Frequency (MHz)	Receiver Reading (dBμV)	Detector	Correction Factor (dB/m)	Cord. Amp. (dBμV/m)	Limit (dBμV/m)	Margin (dB)
36.7900	37.73	QP	-3.83	33.90	40.00	6.10
48.4300	43.89	QP	-11.09	32.80	40.00	7.20
127.0000	27.05	QP	-4.95	22.10	43.50	21.40
148.3400	29.00	QP	-6.50	22.50	43.50	21.00
276.3800	24.65	QP	-3.75	20.90	46.00	25.10
361.7400	27.80	QP	-2.90	24.90	46.00	21.10

2) 1GHz-40GHz:

Radio 0, 5250-5350MHz, SISO:

802.11a Mode (Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	68.82	PK	H	33.72	3.49	0.00	100.01	N/A	N/A
5260.00	58.55	AV	H	33.72	3.49	0.00	89.74	N/A	N/A
5260.00	59.78	PK	V	33.72	3.49	0.00	90.97	N/A	N/A
5260.00	49.87	AV	V	33.72	3.49	0.00	81.06	N/A	N/A
5150.00	27.55	PK	H	33.54	3.56	0.00	58.63	74.00	15.37
5150.00	15.01	AV	H	33.54	3.56	0.00	46.09	54.00	7.91
10520.00	63.27	PK	H	38.21	6.39	36.89	64.96	74.00	9.04
10520.00	50.45	AV	H	38.21	6.39	36.89	52.14	54.00	1.86
15780.00	46.51	PK	H	37.82	8.76	39.22	47.85	74.00	26.15
15780.00	32.68	AV	H	37.82	8.76	39.22	34.02	54.00	19.98
8921.00	45.19	PK	H	37.65	5.44	36.96	45.30	74.00	28.70
8921.00	32.48	AV	H	37.65	5.44	36.96	32.59	54.00	21.41
Middle Channel: 5300 MHz									
5300.00	68.96	PK	H	33.78	3.41	0.00	100.13	N/A	N/A
5300.00	58.74	AV	H	33.78	3.41	0.00	89.91	N/A	N/A
5300.00	59.64	PK	V	33.78	3.41	0.00	90.81	N/A	N/A
5300.00	49.91	AV	V	33.78	3.41	0.00	81.08	N/A	N/A
10600.00	63.22	PK	H	38.26	6.42	36.92	64.96	74.00	9.04
10600.00	50.14	AV	H	38.26	6.42	36.92	51.88	54.00	2.12
15900.00	46.67	PK	H	37.70	8.72	39.31	47.76	74.00	26.24
15900.00	32.77	AV	H	37.70	8.72	39.31	33.86	54.00	20.14
8995.00	46.27	PK	H	37.70	5.49	36.93	46.51	74.00	27.49
8995.00	31.97	AV	H	37.70	5.49	36.93	32.21	54.00	21.79
8666.00	45.34	PK	H	37.50	5.28	37.06	45.04	74.00	28.96
8666.00	32.57	AV	H	37.50	5.28	37.06	32.27	54.00	21.73
High Channel: 5320 MHz									
5320.00	68.72	PK	H	33.81	3.45	0.00	99.96	N/A	N/A
5320.00	58.56	AV	H	33.81	3.45	0.00	89.80	N/A	N/A
5320.00	59.37	PK	V	33.81	3.45	0.00	90.61	N/A	N/A
5320.00	49.79	AV	V	33.81	3.45	0.00	81.03	N/A	N/A
5350.00	27.55	PK	H	33.86	3.52	0.00	58.91	74.00	15.09
5350.00	15.24	AV	H	33.86	3.52	0.00	46.60	54.00	7.40
10640.00	63.38	PK	H	38.28	6.43	36.93	65.14	74.00	8.86
10640.00	50.53	AV	H	38.28	6.43	36.93	52.29	54.00	1.71
15960.00	46.52	PK	H	37.64	8.70	39.36	47.48	74.00	26.52
15960.00	32.72	AV	H	37.64	8.70	39.36	33.68	54.00	20.32
9655.00	45.14	PK	H	37.96	5.84	36.66	46.26	74.00	27.74
9655.00	32.57	AV	H	37.96	5.84	36.66	33.69	54.00	20.31

802.11n ht20 Mode(Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	69.02	PK	H	33.72	3.49	0.00	100.21	N/A	N/A
5260.00	58.69	AV	H	33.72	3.49	0.00	89.88	N/A	N/A
5260.00	59.88	PK	V	33.72	3.49	0.00	91.07	N/A	N/A
5260.00	49.85	AV	V	33.72	3.49	0.00	81.04	N/A	N/A
5150.00	27.75	PK	H	33.54	3.56	0.00	58.83	74.00	15.17
5150.00	15.04	AV	H	33.54	3.56	0.00	46.12	54.00	7.88
10520.00	63.43	PK	H	38.21	6.39	36.89	65.12	74.00	8.88
10520.00	50.52	AV	H	38.21	6.39	36.89	52.21	54.00	1.79
15780.00	46.59	PK	H	37.82	8.76	39.22	47.93	74.00	26.07
15780.00	32.59	AV	H	37.82	8.76	39.22	33.93	54.00	20.07
9355.00	45.32	PK	H	37.84	5.67	36.70	46.11	74.00	27.89
9355.00	32.34	AV	H	37.84	5.67	36.70	33.13	54.00	20.87
Middle Channel: 5300 MHz									
5300.00	69.11	PK	H	33.78	3.41	0.00	100.28	N/A	N/A
5300.00	58.76	AV	H	33.78	3.41	0.00	89.93	N/A	N/A
5300.00	59.79	PK	V	33.78	3.41	0.00	90.96	N/A	N/A
5300.00	49.87	AV	V	33.78	3.41	0.00	81.04	N/A	N/A
10600.00	63.06	PK	H	38.26	6.42	36.92	64.80	74.00	9.2
10600.00	50.18	AV	H	38.26	6.42	36.92	51.92	54.00	2.08
15900.00	46.76	PK	H	37.70	8.72	39.31	47.85	74.00	26.15
15900.00	32.82	AV	H	37.70	8.72	39.31	33.91	54.00	20.09
8995.00	46.07	PK	H	37.70	5.49	36.93	46.31	74.00	27.69
8995.00	31.94	AV	H	37.70	5.49	36.93	32.18	54.00	21.82
9352.00	45.54	PK	H	37.84	5.67	36.70	46.33	74.00	27.67
9352.00	32.45	AV	H	37.84	5.67	36.70	33.24	54.00	20.76
High Channel: 5320 MHz									
5320.00	69.21	PK	H	33.81	3.45	0.00	100.45	N/A	N/A
5320.00	58.77	AV	H	33.81	3.45	0.00	90.01	N/A	N/A
5320.00	60.05	PK	V	33.81	3.45	0.00	91.29	N/A	N/A
5320.00	49.77	AV	V	33.81	3.45	0.00	81.01	N/A	N/A
5350.00	27.81	PK	H	33.86	3.52	0.00	59.17	74.00	14.83
5350.00	14.99	AV	H	33.86	3.52	0.00	46.35	54.00	7.65
10640.00	63.49	PK	H	38.28	6.43	36.93	65.25	74.00	8.75
10640.00	50.44	AV	H	38.28	6.43	36.93	52.20	54.00	1.80
15960.00	46.40	PK	H	37.64	8.70	39.36	47.36	74.00	26.64
15960.00	32.78	AV	H	37.64	8.70	39.36	33.74	54.00	20.26
9655.00	45.52	PK	H	37.96	5.84	36.66	46.64	74.00	27.36
9655.00	32.35	AV	H	37.96	5.84	36.66	33.47	54.00	20.53

802.11 ac20 Mode(Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	68.76	PK	H	33.72	3.49	0.00	99.95	N/A	N/A
5260.00	58.61	AV	H	33.72	3.49	0.00	89.80	N/A	N/A
5260.00	59.67	PK	V	33.72	3.49	0.00	90.86	N/A	N/A
5260.00	49.87	AV	V	33.72	3.49	0.00	81.06	N/A	N/A
5150.00	27.66	PK	H	33.54	3.56	0.00	58.74	74.00	15.26
5150.00	15.11	AV	H	33.54	3.56	0.00	46.19	54.00	7.81
10520.00	63.11	PK	H	38.21	6.39	36.89	64.80	74.00	9.20
10520.00	50.53	AV	H	38.21	6.39	36.89	52.22	54.00	1.78
15780.00	46.62	PK	H	37.82	8.76	39.22	47.96	74.00	26.04
15780.00	32.68	AV	H	37.82	8.76	39.22	34.02	54.00	19.98
9355.00	45.23	PK	H	37.84	5.67	36.70	46.02	74.00	27.98
9355.00	32.47	AV	H	37.84	5.67	36.70	33.26	54.00	20.74
Middle Channel: 5300 MHz									
5300.00	68.94	PK	H	33.78	3.41	0.00	100.11	N/A	N/A
5300.00	58.76	AV	H	33.78	3.41	0.00	89.93	N/A	N/A
5300.00	59.64	PK	V	33.78	3.41	0.00	90.81	N/A	N/A
5300.00	49.95	AV	V	33.78	3.41	0.00	81.12	N/A	N/A
10600.00	63.33	PK	H	38.26	6.42	36.92	65.07	74.00	8.93
10600.00	50.32	AV	H	38.26	6.42	36.92	52.06	54.00	1.94
15900.00	46.77	PK	H	37.70	8.72	39.31	47.86	74.00	26.14
15900.00	32.58	AV	H	37.70	8.72	39.31	33.67	54.00	20.33
8995.00	46.26	PK	H	37.70	5.49	36.93	46.50	74.00	27.5
8995.00	31.97	AV	H	37.70	5.49	36.93	32.21	54.00	21.79
9352.00	45.48	PK	H	37.84	5.67	36.70	46.27	74.00	27.73
9352.00	32.54	AV	H	37.84	5.67	36.70	33.33	54.00	20.67
High Channel: 5320 MHz									
5320.00	68.98	PK	H	33.81	3.45	0.00	100.22	N/A	N/A
5320.00	58.64	AV	H	33.81	3.45	0.00	89.88	N/A	N/A
5320.00	60.06	PK	V	33.81	3.45	0.00	91.30	N/A	N/A
5320.00	49.82	AV	V	33.81	3.45	0.00	81.06	N/A	N/A
5350.00	27.94	PK	H	33.86	3.52	0.00	59.30	74.00	14.70
5350.00	15.22	AV	H	33.86	3.52	0.00	46.58	54.00	7.42
10640.00	63.54	PK	H	38.28	6.43	36.93	65.30	74.00	8.70
10640.00	50.43	AV	H	38.28	6.43	36.93	52.19	54.00	1.81
15960.00	46.76	PK	H	37.64	8.70	39.36	47.72	74.00	26.28
15960.00	32.52	AV	H	37.64	8.70	39.36	33.48	54.00	20.52
9655.00	45.28	PK	H	37.96	5.84	36.66	46.40	74.00	27.60
9655.00	32.33	AV	H	37.96	5.84	36.66	33.45	54.00	20.55

802.11 n ht40 Mode(Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	63.91	PK	H	33.73	3.47	0.00	95.09	N/A	N/A
5270.00	53.56	AV	H	33.73	3.47	0.00	84.74	N/A	N/A
5270.00	54.52	PK	V	33.73	3.47	0.00	85.70	N/A	N/A
5270.00	44.88	AV	V	33.73	3.47	0.00	76.06	N/A	N/A
5150.00	27.24	PK	H	33.54	3.56	0.00	58.32	74.00	15.68
5150.00	14.88	AV	H	33.54	3.56	0.00	45.96	54.00	8.04
10540.00	63.09	PK	H	38.22	6.40	36.89	64.80	74.00	9.20
10540.00	50.39	AV	H	38.22	6.40	36.89	52.10	54.00	1.90
15810.00	46.56	PK	H	37.79	8.75	39.25	47.83	74.00	26.17
15810.00	32.44	AV	H	37.79	8.75	39.25	33.71	54.00	20.29
9355.00	45.29	PK	H	37.84	5.67	36.70	46.08	74.00	27.92
9355.00	32.46	AV	H	37.84	5.67	36.70	33.25	54.00	20.75
High Channel: 5310 MHz									
5310.00	64.05	PK	H	33.80	3.43	0.00	95.26	N/A	N/A
5310.00	53.59	AV	H	33.80	3.43	0.00	84.80	N/A	N/A
5310.00	54.62	PK	V	33.80	3.43	0.00	85.83	N/A	N/A
5310.00	44.94	AV	V	33.80	3.43	0.00	76.15	N/A	N/A
5350.00	27.33	PK	H	33.86	3.52	0.00	58.69	74.00	15.31
5350.00	14.95	AV	H	33.86	3.52	0.00	46.31	54.00	7.69
10620.00	63.29	PK	H	38.27	6.43	36.92	65.05	74.00	8.95
10620.00	50.53	AV	H	38.27	6.43	36.92	52.29	54.00	1.71
15930.00	46.74	PK	H	37.67	8.71	39.34	47.76	74.00	26.24
15930.00	32.64	AV	H	37.67	8.71	39.34	33.66	54.00	20.34
9655.00	45.12	PK	H	37.96	5.84	36.66	46.24	74.00	27.76
9655.00	32.35	AV	H	37.96	5.84	36.66	33.47	54.00	20.53



802.11 ac40 Mode (Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	64.19	PK	H	33.73	3.47	0.00	95.37	N/A	N/A
5270.00	53.73	AV	H	33.73	3.47	0.00	84.91	N/A	N/A
5270.00	54.62	PK	V	33.73	3.47	0.00	85.80	N/A	N/A
5270.00	45.06	AV	V	33.73	3.47	0.00	76.24	N/A	N/A
5150.00	27.22	PK	H	33.54	3.56	0.00	58.30	74.00	15.70
5150.00	15.11	AV	H	33.54	3.56	0.00	46.19	54.00	7.81
10540.00	63.37	PK	H	38.22	6.40	36.89	65.08	74.00	8.92
10540.00	50.63	AV	H	38.22	6.40	36.89	52.34	54.00	1.66
15810.00	46.86	PK	H	37.79	8.75	39.25	48.13	74.00	25.87
15810.00	32.82	AV	H	37.79	8.75	39.25	34.09	54.00	19.91
9355.00	45.28	PK	H	37.84	5.67	36.70	46.07	74.00	27.93
9355.00	32.26	AV	H	37.84	5.67	36.70	33.05	54.00	20.95
High Channel: 5310 MHz									
5310.00	63.87	PK	H	33.80	3.43	0.00	95.08	N/A	N/A
5310.00	53.63	AV	H	33.80	3.43	0.00	84.84	N/A	N/A
5310.00	54.48	PK	V	33.80	3.43	0.00	85.69	N/A	N/A
5310.00	44.86	AV	V	33.80	3.43	0.00	76.07	N/A	N/A
5350.00	27.17	PK	H	33.86	3.52	0.00	58.53	74.00	15.47
5350.00	14.78	AV	H	33.86	3.52	0.00	46.14	54.00	7.86
10620.00	63.15	PK	H	38.27	6.43	36.92	64.91	74.00	9.09
10620.00	50.54	AV	H	38.27	6.43	36.92	52.30	54.00	1.70
15930.00	46.59	PK	H	37.67	8.71	39.34	47.61	74.00	26.39
15930.00	32.73	AV	H	37.67	8.71	39.34	33.75	54.00	20.25
9655.00	45.13	PK	H	37.96	5.84	36.66	46.25	74.00	27.75
9655.00	32.54	AV	H	37.96	5.84	36.66	33.66	54.00	20.34

802.11 ac80 Mode (Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	58.35	PK	H	33.76	3.43	0.00	89.52	N/A	N/A
5290.00	48.62	AV	H	33.76	3.43	0.00	79.79	N/A	N/A
5290.00	51.65	PK	V	33.76	3.43	0.00	82.82	N/A	N/A
5290.00	41.58	AV	V	33.76	3.43	0.00	72.75	N/A	N/A
5150.00	28.36	PK	H	33.54	3.56	0.00	59.44	74.00	14.56
5150.00	14.28	AV	H	33.54	3.56	0.00	45.36	54.00	8.64
5350.00	27.37	PK	H	33.86	3.52	0.00	58.73	74.00	15.27
5350.00	14.86	AV	H	33.86	3.52	0.00	46.22	54.00	7.78
10580.00	62.23	PK	H	38.25	6.41	36.91	63.96	74.00	10.04
10580.00	50.27	AV	H	38.25	6.41	36.91	52.00	54.00	2.00
15870.00	46.63	PK	H	37.73	8.73	39.29	47.78	74.00	26.22
15870.00	32.64	AV	H	37.73	8.73	39.29	33.79	54.00	20.21
9685.00	45.41	PK	H	37.97	5.86	36.67	46.55	74.00	27.45
9685.00	32.47	AV	H	37.97	5.86	36.67	33.61	54.00	20.39

**Radio 0, 5250-5350MHz , Non-beamforming 2TX**

802.11a Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	74.02	PK	H	33.72	3.49	0.00	105.21	N/A	N/A
5260.00	64.33	AV	H	33.72	3.49	0.00	95.52	N/A	N/A
5260.00	63.58	PK	V	33.72	3.49	0.00	94.77	N/A	N/A
5260.00	53.48	AV	V	33.72	3.49	0.00	84.67	N/A	N/A
5150.00	27.62	PK	H	33.54	3.56	0.00	58.70	74.00	15.30
5150.00	14.83	AV	H	33.54	3.56	0.00	45.91	54.00	8.09
10520.00	63.23	PK	H	38.21	6.39	36.89	64.92	74.00	9.08
10520.00	50.45	AV	H	38.21	6.39	36.89	52.14	54.00	1.86
15780.00	46.59	PK	H	37.82	8.76	39.22	47.93	74.00	26.07
15780.00	32.59	AV	H	37.82	8.76	39.22	33.93	54.00	20.07
8921.00	45.45	PK	H	37.65	5.44	36.96	45.56	74.00	28.44
8921.00	32.33	AV	H	37.65	5.44	36.96	32.44	54.00	21.56
Middle Channel: 5300 MHz									
5300.00	73.84	PK	H	33.78	3.41	0.00	105.01	N/A	N/A
5300.00	64.54	AV	H	33.78	3.41	0.00	95.71	N/A	N/A
5300.00	63.75	PK	V	33.78	3.41	0.00	94.92	N/A	N/A
5300.00	53.61	AV	V	33.78	3.41	0.00	84.78	N/A	N/A
10600.00	63.08	PK	H	38.26	6.42	36.92	64.82	74.00	9.18
10600.00	50.15	AV	H	38.26	6.42	36.92	51.89	54.00	2.11
15900.00	46.68	PK	H	37.70	8.72	39.31	47.77	74.00	26.23
15900.00	33.45	AV	H	37.70	8.72	39.31	34.54	54.00	19.46
8995.00	46.46	PK	H	37.70	5.49	36.93	46.70	74.00	27.3
8995.00	32.08	AV	H	37.70	5.49	36.93	32.32	54.00	21.68
8666.00	45.43	PK	H	37.50	5.28	37.06	45.13	74.00	28.87
8666.00	32.53	AV	H	37.50	5.28	37.06	32.23	54.00	21.77
High Channel: 5320 MHz									
5320.00	73.64	PK	H	33.81	3.45	0.00	104.88	N/A	N/A
5320.00	64.47	AV	H	33.81	3.45	0.00	95.71	N/A	N/A
5320.00	63.92	PK	V	33.81	3.45	0.00	95.16	N/A	N/A
5320.00	53.75	AV	V	33.81	3.45	0.00	84.99	N/A	N/A
5350.00	26.84	PK	H	33.86	3.52	0.00	58.20	74.00	15.80
5350.00	14.38	AV	H	33.86	3.52	0.00	45.74	54.00	8.26
10640.00	62.74	PK	H	38.28	6.43	36.93	64.50	74.00	9.50
10640.00	49.95	AV	H	38.28	6.43	36.93	51.71	54.00	2.29
15960.00	46.33	PK	H	37.64	8.70	39.36	47.29	74.00	26.71
15960.00	32.71	AV	H	37.64	8.70	39.36	33.67	54.00	20.33
9655.00	46.51	PK	H	37.96	5.84	36.66	47.63	74.00	26.37
9655.00	32.43	AV	H	37.96	5.84	36.66	33.55	54.00	20.45

802.11n ht20 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	74.29	PK	H	33.72	3.49	0.00	105.48	N/A	N/A
5260.00	65.29	AV	H	33.72	3.49	0.00	96.48	N/A	N/A
5260.00	63.82	PK	V	33.72	3.49	0.00	95.01	N/A	N/A
5260.00	53.72	AV	V	33.72	3.49	0.00	84.91	N/A	N/A
5150.00	27.79	PK	H	33.54	3.56	0.00	58.87	74.00	15.13
5150.00	14.63	AV	H	33.54	3.56	0.00	45.71	54.00	8.29
10520.00	63.46	PK	H	38.21	6.39	36.89	65.15	74.00	8.85
10520.00	50.41	AV	H	38.21	6.39	36.89	52.10	54.00	1.90
15780.00	46.54	PK	H	37.82	8.76	39.22	47.88	74.00	26.12
15780.00	32.61	AV	H	37.82	8.76	39.22	33.95	54.00	20.05
9355.00	45.31	PK	H	37.84	5.67	36.70	46.10	74.00	27.90
9355.00	32.28	AV	H	37.84	5.67	36.70	33.07	54.00	20.93
Middle Channel: 5300 MHz									
5300.00	74.59	PK	H	33.78	3.41	0.00	105.76	N/A	N/A
5300.00	65.13	AV	H	33.78	3.41	0.00	96.30	N/A	N/A
5300.00	63.87	PK	V	33.78	3.41	0.00	95.04	N/A	N/A
5300.00	53.47	AV	V	33.78	3.41	0.00	84.64	N/A	N/A
10600.00	63.19	PK	H	38.26	6.42	36.92	64.93	74.00	9.07
10600.00	50.25	AV	H	38.26	6.42	36.92	51.99	54.00	2.01
15900.00	46.83	PK	H	37.70	8.72	39.31	47.92	74.00	26.08
15900.00	33.52	AV	H	37.70	8.72	39.31	34.61	54.00	19.39
8995.00	46.35	PK	H	37.70	5.49	36.93	46.59	74.00	27.41
8995.00	31.98	AV	H	37.70	5.49	36.93	32.22	54.00	21.78
9352.00	45.56	PK	H	37.84	5.67	36.70	46.35	74.00	27.65
9352.00	32.51	AV	H	37.84	5.67	36.70	33.30	54.00	20.7
High Channel: 5320 MHz									
5320.00	74.41	PK	H	33.81	3.45	0.00	105.65	N/A	N/A
5320.00	65.06	AV	H	33.81	3.45	0.00	96.30	N/A	N/A
5320.00	63.91	PK	V	33.81	3.45	0.00	95.15	N/A	N/A
5320.00	53.88	AV	V	33.81	3.45	0.00	85.12	N/A	N/A
5350.00	26.91	PK	H	33.86	3.52	0.00	58.27	74.00	15.73
5350.00	14.19	AV	H	33.86	3.52	0.00	45.55	54.00	8.45
10640.00	62.61	PK	H	38.28	6.43	36.93	64.37	74.00	9.63
10640.00	49.79	AV	H	38.28	6.43	36.93	51.55	54.00	2.45
15960.00	46.53	PK	H	37.64	8.70	39.36	47.49	74.00	26.51
15960.00	32.87	AV	H	37.64	8.70	39.36	33.83	54.00	20.17
9655.00	46.62	PK	H	37.96	5.84	36.66	47.74	74.00	26.26
9655.00	32.42	AV	H	37.96	5.84	36.66	33.54	54.00	20.46

802.11 ac20 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	74.52	PK	H	33.72	3.49	0.00	105.71	N/A	N/A
5260.00	64.98	AV	H	33.72	3.49	0.00	96.17	N/A	N/A
5260.00	63.86	PK	V	33.72	3.49	0.00	95.05	N/A	N/A
5260.00	53.45	AV	V	33.72	3.49	0.00	84.64	N/A	N/A
5150.00	27.73	PK	H	33.54	3.56	0.00	58.81	74.00	15.19
5150.00	14.38	AV	H	33.54	3.56	0.00	45.46	54.00	8.54
10520.00	63.49	PK	H	38.21	6.39	36.89	65.18	74.00	8.82
10520.00	50.26	AV	H	38.21	6.39	36.89	51.95	54.00	2.05
15780.00	46.36	PK	H	37.82	8.76	39.22	47.70	74.00	26.30
15780.00	32.92	AV	H	37.82	8.76	39.22	34.26	54.00	19.74
9355.00	45.27	PK	H	37.84	5.67	36.70	46.06	74.00	27.94
9355.00	32.45	AV	H	37.84	5.67	36.70	33.24	54.00	20.76
Middle Channel: 5300 MHz									
5300.00	73.67	PK	H	33.78	3.41	0.00	104.84	N/A	N/A
5300.00	64.38	AV	H	33.78	3.41	0.00	95.55	N/A	N/A
5300.00	63.92	PK	V	33.78	3.41	0.00	95.09	N/A	N/A
5300.00	53.75	AV	V	33.78	3.41	0.00	84.92	N/A	N/A
10600.00	63.07	PK	H	38.26	6.42	36.92	64.81	74.00	9.19
10600.00	50.06	AV	H	38.26	6.42	36.92	51.80	54.00	2.2
15900.00	46.86	PK	H	37.70	8.72	39.31	47.95	74.00	26.05
15900.00	33.62	AV	H	37.70	8.72	39.31	34.71	54.00	19.29
8995.00	46.26	PK	H	37.70	5.49	36.93	46.50	74.00	27.5
8995.00	32.28	AV	H	37.70	5.49	36.93	32.52	54.00	21.48
9352.00	45.34	PK	H	37.84	5.67	36.70	46.13	74.00	27.87
9352.00	32.44	AV	H	37.84	5.67	36.70	33.23	54.00	20.77
High Channel: 5320 MHz									
5320.00	73.99	PK	H	33.81	3.45	0.00	105.23	N/A	N/A
5320.00	65.24	AV	H	33.81	3.45	0.00	96.48	N/A	N/A
5320.00	63.66	PK	V	33.81	3.45	0.00	94.90	N/A	N/A
5320.00	53.92	AV	V	33.81	3.45	0.00	85.16	N/A	N/A
5350.00	27.96	PK	H	33.86	3.52	0.00	59.32	74.00	14.68
5350.00	14.73	AV	H	33.86	3.52	0.00	46.09	54.00	7.91
10640.00	63.53	PK	H	38.28	6.43	36.93	65.29	74.00	8.71
10640.00	50.27	AV	H	38.28	6.43	36.93	52.03	54.00	1.97
15960.00	46.29	PK	H	37.64	8.70	39.36	47.25	74.00	26.75
15960.00	32.36	AV	H	37.64	8.70	39.36	33.32	54.00	20.68
9655.00	45.28	PK	H	37.96	5.84	36.66	46.40	74.00	27.60
9655.00	32.24	AV	H	37.96	5.84	36.66	33.36	54.00	20.64

802.11 n ht40 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	69.53	PK	H	33.73	3.47	0.00	100.71	N/A	N/A
5270.00	59.75	AV	H	33.73	3.47	0.00	90.93	N/A	N/A
5270.00	57.62	PK	V	33.73	3.47	0.00	88.80	N/A	N/A
5270.00	47.38	AV	V	33.73	3.47	0.00	78.56	N/A	N/A
5150.00	27.87	PK	H	33.54	3.56	0.00	58.95	74.00	15.05
5150.00	14.35	AV	H	33.54	3.56	0.00	45.43	54.00	8.57
10540.00	63.36	PK	H	38.22	6.40	36.89	65.07	74.00	8.93
10540.00	50.29	AV	H	38.22	6.40	36.89	52.00	54.00	2.00
15810.00	46.52	PK	H	37.79	8.75	39.25	47.79	74.00	26.21
15810.00	32.53	AV	H	37.79	8.75	39.25	33.80	54.00	20.20
9355.00	45.14	PK	H	37.84	5.67	36.70	45.93	74.00	28.07
9355.00	32.52	AV	H	37.84	5.67	36.70	33.31	54.00	20.69
High Channel: 5310 MHz									
5310.00	69.43	PK	H	33.80	3.43	0.00	100.64	N/A	N/A
5310.00	59.46	AV	H	33.80	3.43	0.00	90.67	N/A	N/A
5310.00	57.34	PK	V	33.80	3.43	0.00	88.55	N/A	N/A
5310.00	47.09	AV	V	33.80	3.43	0.00	78.30	N/A	N/A
5350.00	27.59	PK	H	33.86	3.52	0.00	58.95	74.00	15.05
5350.00	14.68	AV	H	33.86	3.52	0.00	46.04	54.00	7.96
10620.00	46.71	PK	H	38.27	6.43	36.92	48.47	74.00	25.53
10620.00	32.58	AV	H	38.27	6.43	36.92	34.34	54.00	19.66
15930.00	45.87	PK	H	37.67	8.71	39.34	46.89	74.00	27.11
15930.00	32.59	AV	H	37.67	8.71	39.34	33.61	54.00	20.39
9655.00	45.37	PK	H	37.96	5.84	36.66	46.49	74.00	27.51
9655.00	31.96	AV	H	37.96	5.84	36.66	33.08	54.00	20.92

802.11 ac40 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	69.48	PK	H	33.73	3.47	0.00	100.66	N/A	N/A
5270.00	59.82	AV	H	33.73	3.47	0.00	91.00	N/A	N/A
5270.00	57.91	PK	V	33.73	3.47	0.00	89.09	N/A	N/A
5270.00	47.18	AV	V	33.73	3.47	0.00	78.36	N/A	N/A
5150.00	28.06	PK	H	33.54	3.56	0.00	59.14	74.00	14.86
5150.00	14.18	AV	H	33.54	3.56	0.00	45.26	54.00	8.74
10540.00	63.22	PK	H	38.22	6.40	36.89	64.93	74.00	9.07
10540.00	50.29	AV	H	38.22	6.40	36.89	52.00	54.00	2.00
15810.00	46.37	PK	H	37.79	8.75	39.25	47.64	74.00	26.36
15810.00	32.82	AV	H	37.79	8.75	39.25	34.09	54.00	19.91
9355.00	45.28	PK	H	37.84	5.67	36.70	46.07	74.00	27.93
9355.00	32.56	AV	H	37.84	5.67	36.70	33.35	54.00	20.65
High Channel: 5310 MHz									
5310.00	69.35	PK	H	33.80	3.43	0.00	100.56	N/A	N/A
5310.00	60.03	AV	H	33.80	3.43	0.00	91.24	N/A	N/A
5310.00	57.46	PK	V	33.80	3.43	0.00	88.67	N/A	N/A
5310.00	47.51	AV	V	33.80	3.43	0.00	78.72	N/A	N/A
5350.00	28.07	PK	H	33.86	3.52	0.00	59.43	74.00	14.57
5350.00	14.42	AV	H	33.86	3.52	0.00	45.78	54.00	8.22
10620.00	63.61	PK	H	38.27	6.43	36.92	65.37	74.00	8.63
10620.00	50.51	AV	H	38.27	6.43	36.92	52.27	54.00	1.73
15930.00	46.31	PK	H	37.67	8.71	39.34	47.33	74.00	26.67
15930.00	32.29	AV	H	37.67	8.71	39.34	33.31	54.00	20.69
9655.00	45.12	PK	H	37.96	5.84	36.66	46.24	74.00	27.76
9655.00	32.73	AV	H	37.96	5.84	36.66	33.85	54.00	20.15

802.11 ac80 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	65.37	PK	H	33.76	3.43	0.00	96.54	N/A	N/A
5290.00	55.86	AV	H	33.76	3.43	0.00	87.03	N/A	N/A
5290.00	56.74	PK	V	33.76	3.43	0.00	87.91	N/A	N/A
5290.00	46.32	AV	V	33.76	3.43	0.00	77.49	N/A	N/A
5150.00	27.96	PK	H	33.54	3.56	0.00	59.04	74.00	14.96
5150.00	14.16	AV	H	33.54	3.56	0.00	45.24	54.00	8.76
5350.00	27.86	PK	H	33.86	3.52	0.00	59.22	74.00	14.78
5350.00	15.24	AV	H	33.86	3.52	0.00	46.60	54.00	7.40
10580.00	63.39	PK	H	38.25	6.41	36.91	65.12	74.00	8.88
10580.00	50.07	AV	H	38.25	6.41	36.91	51.80	54.00	2.20
15870.00	46.53	PK	H	37.73	8.73	39.29	47.68	74.00	26.32
15870.00	32.63	AV	H	37.73	8.73	39.29	33.78	54.00	20.22
9685.00	45.26	PK	H	37.97	5.86	36.67	46.40	74.00	27.60
9685.00	32.69	AV	H	37.97	5.86	36.67	33.83	54.00	20.17

**Radio 0, 5250-5350MHz , Non-beamforming 3TX**

802.11a Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	76.34	PK	H	33.72	3.49	0.00	107.53	N/A	N/A
5260.00	67.36	AV	H	33.72	3.49	0.00	98.55	N/A	N/A
5260.00	64.82	PK	V	33.72	3.49	0.00	96.01	N/A	N/A
5260.00	54.75	AV	V	33.72	3.49	0.00	85.94	N/A	N/A
5150.00	27.57	PK	H	33.54	3.56	0.00	58.65	74.00	15.35
5150.00	14.93	AV	H	33.54	3.56	0.00	46.01	54.00	7.99
10520.00	63.37	PK	H	38.21	6.39	36.89	65.06	74.00	8.94
10520.00	50.64	AV	H	38.21	6.39	36.89	52.33	54.00	1.67
15780.00	46.48	PK	H	37.82	8.76	39.22	47.82	74.00	26.18
15780.00	32.67	AV	H	37.82	8.76	39.22	34.01	54.00	19.99
8921.00	45.43	PK	H	37.65	5.44	36.96	45.54	74.00	28.46
8921.00	32.25	AV	H	37.65	5.44	36.96	32.36	54.00	21.64
Middle Channel: 5300 MHz									
5300.00	76.39	PK	H	33.78	3.41	0.00	107.56	N/A	N/A
5300.00	67.39	AV	H	33.78	3.41	0.00	98.56	N/A	N/A
5300.00	64.66	PK	V	33.78	3.41	0.00	95.83	N/A	N/A
5300.00	54.71	AV	V	33.78	3.41	0.00	85.88	N/A	N/A
10600.00	63.15	PK	H	38.26	6.42	36.92	64.89	74.00	9.11
10600.00	50.07	AV	H	38.26	6.42	36.92	51.81	54.00	2.19
15900.00	46.75	PK	H	37.70	8.72	39.31	47.84	74.00	26.16
15900.00	33.48	AV	H	37.70	8.72	39.31	34.57	54.00	19.43
8995.00	46.32	PK	H	37.70	5.49	36.93	46.56	74.00	27.44
8995.00	32.04	AV	H	37.70	5.49	36.93	32.28	54.00	21.72
8666.00	45.36	PK	H	37.50	5.28	37.06	45.06	74.00	28.94
8666.00	32.59	AV	H	37.50	5.28	37.06	32.29	54.00	21.71
High Channel: 5320 MHz									
5320.00	76.41	PK	H	33.81	3.45	0.00	107.65	N/A	N/A
5320.00	67.54	AV	H	33.81	3.45	0.00	98.78	N/A	N/A
5320.00	64.93	PK	V	33.81	3.45	0.00	96.17	N/A	N/A
5320.00	54.75	AV	V	33.81	3.45	0.00	85.99	N/A	N/A
5350.00	27.72	PK	H	33.86	3.52	0.00	59.08	74.00	14.92
5350.00	14.81	AV	H	33.86	3.52	0.00	46.17	54.00	7.83
10640.00	63.42	PK	H	38.28	6.43	36.93	65.18	74.00	8.82
10640.00	50.68	AV	H	38.28	6.43	36.93	52.44	54.00	1.56
15960.00	46.37	PK	H	37.64	8.70	39.36	47.33	74.00	26.67
15960.00	32.47	AV	H	37.64	8.70	39.36	33.43	54.00	20.57
9655.00	45.29	PK	H	37.96	5.84	36.66	46.41	74.00	27.59
9655.00	32.23	AV	H	37.96	5.84	36.66	33.35	54.00	20.65

802.11n ht20 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	76.47	PK	H	33.72	3.49	0.00	107.66	N/A	N/A
5260.00	67.34	AV	H	33.72	3.49	0.00	98.53	N/A	N/A
5260.00	64.79	PK	V	33.72	3.49	0.00	95.98	N/A	N/A
5260.00	54.85	AV	V	33.72	3.49	0.00	86.04	N/A	N/A
5150.00	27.71	PK	H	33.54	3.56	0.00	58.79	74.00	15.21
5150.00	14.14	AV	H	33.54	3.56	0.00	45.22	54.00	8.78
10520.00	63.52	PK	H	38.21	6.39	36.89	65.21	74.00	8.79
10520.00	50.75	AV	H	38.21	6.39	36.89	52.44	54.00	1.56
15780.00	46.73	PK	H	37.82	8.76	39.22	48.07	74.00	25.93
15780.00	32.43	AV	H	37.82	8.76	39.22	33.77	54.00	20.23
9355.00	45.32	PK	H	37.84	5.67	36.70	46.11	74.00	27.89
9355.00	32.15	AV	H	37.84	5.67	36.70	32.94	54.00	21.06
Middle Channel: 5300 MHz									
5300.00	76.36	PK	H	33.78	3.41	0.00	107.53	N/A	N/A
5300.00	67.71	AV	H	33.78	3.41	0.00	98.88	N/A	N/A
5300.00	65.26	PK	V	33.78	3.41	0.00	96.43	N/A	N/A
5300.00	54.55	AV	V	33.78	3.41	0.00	85.72	N/A	N/A
10600.00	63.23	PK	H	38.26	6.42	36.92	64.97	74.00	9.03
10600.00	49.96	AV	H	38.26	6.42	36.92	51.70	54.00	2.3
15900.00	47.11	PK	H	37.70	8.72	39.31	48.20	74.00	25.8
15900.00	33.57	AV	H	37.70	8.72	39.31	34.66	54.00	19.34
8995.00	46.39	PK	H	37.70	5.49	36.93	46.63	74.00	27.37
8995.00	32.18	AV	H	37.70	5.49	36.93	32.42	54.00	21.58
9352.00	45.51	PK	H	37.84	5.67	36.70	46.30	74.00	27.7
9352.00	32.84	AV	H	37.84	5.67	36.70	33.63	54.00	20.37
High Channel: 5320 MHz									
5320.00	76.25	PK	H	33.81	3.45	0.00	107.49	N/A	N/A
5320.00	67.49	AV	H	33.81	3.45	0.00	98.73	N/A	N/A
5320.00	65.06	PK	V	33.81	3.45	0.00	96.30	N/A	N/A
5320.00	54.84	AV	V	33.81	3.45	0.00	86.08	N/A	N/A
5350.00	27.47	PK	H	33.86	3.52	0.00	58.83	74.00	15.17
5350.00	14.17	AV	H	33.86	3.52	0.00	45.53	54.00	8.47
10640.00	63.69	PK	H	38.28	6.43	36.93	65.45	74.00	8.55
10640.00	50.68	AV	H	38.28	6.43	36.93	52.44	54.00	1.56
15960.00	46.95	PK	H	37.64	8.70	39.36	47.91	74.00	26.09
15960.00	32.39	AV	H	37.64	8.70	39.36	33.35	54.00	20.65
9655.00	45.62	PK	H	37.96	5.84	36.66	46.74	74.00	27.26
9655.00	32.02	AV	H	37.96	5.84	36.66	33.14	54.00	20.86



802.11 ac20 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	76.18	PK	H	33.72	3.49	0.00	107.37	N/A	N/A
5260.00	67.22	AV	H	33.72	3.49	0.00	98.41	N/A	N/A
5260.00	64.69	PK	V	33.72	3.49	0.00	95.88	N/A	N/A
5260.00	54.74	AV	V	33.72	3.49	0.00	85.93	N/A	N/A
5150.00	27.94	PK	H	33.54	3.56	0.00	59.02	74.00	14.98
5150.00	14.12	AV	H	33.54	3.56	0.00	45.20	54.00	8.80
10520.00	63.83	PK	H	38.21	6.39	36.89	65.52	74.00	8.48
10520.00	50.46	AV	H	38.21	6.39	36.89	52.15	54.00	1.85
15780.00	46.44	PK	H	37.82	8.76	39.22	47.78	74.00	26.22
15780.00	32.56	AV	H	37.82	8.76	39.22	33.90	54.00	20.10
9355.00	45.62	PK	H	37.84	5.67	36.70	46.41	74.00	27.59
9355.00	32.01	AV	H	37.84	5.67	36.70	32.80	54.00	21.20
Middle Channel: 5300 MHz									
5300.00	76.47	PK	H	33.78	3.41	0.00	107.64	N/A	N/A
5300.00	67.46	AV	H	33.78	3.41	0.00	98.63	N/A	N/A
5300.00	65.29	PK	V	33.78	3.41	0.00	96.46	N/A	N/A
5300.00	54.56	AV	V	33.78	3.41	0.00	85.73	N/A	N/A
10600.00	63.39	PK	H	38.26	6.42	36.92	65.13	74.00	8.87
10600.00	50.04	AV	H	38.26	6.42	36.92	51.78	54.00	2.22
15900.00	47.21	PK	H	37.70	8.72	39.31	48.30	74.00	25.7
15900.00	33.69	AV	H	37.70	8.72	39.31	34.78	54.00	19.22
8995.00	46.69	PK	H	37.70	5.49	36.93	46.93	74.00	27.07
8995.00	32.32	AV	H	37.70	5.49	36.93	32.56	54.00	21.44
9352.00	45.41	PK	H	37.84	5.67	36.70	46.20	74.00	27.8
9352.00	33.14	AV	H	37.84	5.67	36.70	33.93	54.00	20.07
High Channel: 5320 MHz									
5320.00	76.22	PK	H	33.81	3.45	0.00	107.46	N/A	N/A
5320.00	67.25	AV	H	33.81	3.45	0.00	98.49	N/A	N/A
5320.00	64.77	PK	V	33.81	3.45	0.00	96.01	N/A	N/A
5320.00	54.67	AV	V	33.81	3.45	0.00	85.91	N/A	N/A
5350.00	27.73	PK	H	33.86	3.52	0.00	59.09	74.00	14.91
5350.00	13.93	AV	H	33.86	3.52	0.00	45.29	54.00	8.71
10640.00	63.42	PK	H	38.28	6.43	36.93	65.18	74.00	8.82
10640.00	50.51	AV	H	38.28	6.43	36.93	52.27	54.00	1.73
15960.00	46.92	PK	H	37.64	8.70	39.36	47.88	74.00	26.12
15960.00	32.35	AV	H	37.64	8.70	39.36	33.31	54.00	20.69
9655.00	45.56	PK	H	37.96	5.84	36.66	46.68	74.00	27.32
9655.00	32.12	AV	H	37.96	5.84	36.66	33.24	54.00	20.76

802.11 n ht40 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	72.27	PK	H	33.73	3.47	0.00	103.45	N/A	N/A
5270.00	62.94	AV	H	33.73	3.47	0.00	94.12	N/A	N/A
5270.00	58.76	PK	V	33.73	3.47	0.00	89.94	N/A	N/A
5270.00	48.64	AV	V	33.73	3.47	0.00	79.82	N/A	N/A
5150.00	28.15	PK	H	33.54	3.56	0.00	59.23	74.00	14.77
5150.00	14.55	AV	H	33.54	3.56	0.00	45.63	54.00	8.37
10540.00	63.43	PK	H	38.22	6.40	36.89	65.14	74.00	8.86
10540.00	50.04	AV	H	38.22	6.40	36.89	51.75	54.00	2.25
15810.00	46.46	PK	H	37.79	8.75	39.25	47.73	74.00	26.27
15810.00	32.73	AV	H	37.79	8.75	39.25	34.00	54.00	20.00
9355.00	44.88	PK	H	37.84	5.67	36.70	45.67	74.00	28.33
9355.00	32.27	AV	H	37.84	5.67	36.70	33.06	54.00	20.94
High Channel: 5310 MHz									
5310.00	72.52	PK	H	33.80	3.43	0.00	103.73	N/A	N/A
5310.00	62.53	AV	H	33.80	3.43	0.00	93.74	N/A	N/A
5310.00	58.85	PK	V	33.80	3.43	0.00	90.06	N/A	N/A
5310.00	48.55	AV	V	33.80	3.43	0.00	79.76	N/A	N/A
5350.00	27.85	PK	H	33.86	3.52	0.00	59.21	74.00	14.79
5350.00	14.18	AV	H	33.86	3.52	0.00	45.54	54.00	8.46
10620.00	63.43	PK	H	38.27	6.43	36.92	65.19	74.00	8.81
10620.00	50.45	AV	H	38.27	6.43	36.92	52.21	54.00	1.79
15930.00	46.73	PK	H	37.67	8.71	39.34	47.75	74.00	26.25
15930.00	32.23	AV	H	37.67	8.71	39.34	33.25	54.00	20.75
9655.00	45.17	PK	H	37.96	5.84	36.66	46.29	74.00	27.71
9655.00	32.26	AV	H	37.96	5.84	36.66	33.38	54.00	20.62

802.11 ac40 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	72.05	PK	H	33.73	3.47	0.00	103.23	N/A	N/A
5270.00	63.08	AV	H	33.73	3.47	0.00	94.26	N/A	N/A
5270.00	58.99	PK	V	33.73	3.47	0.00	90.17	N/A	N/A
5270.00	48.35	AV	V	33.73	3.47	0.00	79.53	N/A	N/A
5150.00	28.31	PK	H	33.54	3.56	0.00	59.39	74.00	14.61
5150.00	14.57	AV	H	33.54	3.56	0.00	45.65	54.00	8.35
10540.00	63.35	PK	H	38.22	6.40	36.89	65.06	74.00	8.94
10540.00	50.14	AV	H	38.22	6.40	36.89	51.85	54.00	2.15
15810.00	46.67	PK	H	37.79	8.75	39.25	47.94	74.00	26.06
15810.00	32.58	AV	H	37.79	8.75	39.25	33.85	54.00	20.15
9355.00	45.05	PK	H	37.84	5.67	36.70	45.84	74.00	28.16
9355.00	32.05	AV	H	37.84	5.67	36.70	32.84	54.00	21.16
High Channel: 5310 MHz									
5310.00	72.56	PK	H	33.80	3.43	0.00	103.77	N/A	N/A
5310.00	62.84	AV	H	33.80	3.43	0.00	94.05	N/A	N/A
5310.00	59.01	PK	V	33.80	3.43	0.00	90.22	N/A	N/A
5310.00	48.72	AV	V	33.80	3.43	0.00	79.93	N/A	N/A
5350.00	28.35	PK	H	33.86	3.52	0.00	59.71	74.00	14.29
5350.00	14.25	AV	H	33.86	3.52	0.00	45.61	54.00	8.39
10620.00	63.27	PK	H	38.27	6.43	36.92	65.03	74.00	8.97
10620.00	50.05	AV	H	38.27	6.43	36.92	51.81	54.00	2.19
15930.00	46.69	PK	H	37.67	8.71	39.34	47.71	74.00	26.29
15930.00	32.78	AV	H	37.67	8.71	39.34	33.80	54.00	20.20
9655.00	44.78	PK	H	37.96	5.84	36.66	45.90	74.00	28.10
9655.00	32.45	AV	H	37.96	5.84	36.66	33.57	54.00	20.43

802.11 ac80 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	67.22	PK	H	33.76	3.43	0.00	98.39	N/A	N/A
5290.00	57.77	AV	H	33.76	3.43	0.00	88.94	N/A	N/A
5290.00	57.96	PK	V	33.76	3.43	0.00	89.13	N/A	N/A
5290.00	47.18	AV	V	33.76	3.43	0.00	78.35	N/A	N/A
5150.00	27.53	PK	H	33.54	3.56	0.00	58.61	74.00	15.39
5150.00	14.19	AV	H	33.54	3.56	0.00	45.27	54.00	8.73
5350.00	27.92	PK	H	33.86	3.52	0.00	59.28	74.00	14.72
5350.00	15.21	AV	H	33.86	3.52	0.00	46.57	54.00	7.43
10580.00	63.39	PK	H	38.25	6.41	36.91	65.12	74.00	8.88
10580.00	50.29	AV	H	38.25	6.41	36.91	52.02	54.00	1.98
15870.00	46.49	PK	H	37.73	8.73	39.29	47.64	74.00	26.36
15870.00	32.73	AV	H	37.73	8.73	39.29	33.88	54.00	20.12
9685.00	45.25	PK	H	37.97	5.86	36.67	46.39	74.00	27.61
9685.00	32.33	AV	H	37.97	5.86	36.67	33.47	54.00	20.53

**Radio 0, 5250-5350MHz , Non-beamforming 4TX**

802.11a Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	77.51	PK	H	33.72	3.49	0.00	108.70	N/A	N/A
5260.00	67.24	AV	H	33.72	3.49	0.00	98.43	N/A	N/A
5260.00	66.86	PK	V	33.72	3.49	0.00	98.05	N/A	N/A
5260.00	56.93	AV	V	33.72	3.49	0.00	88.12	N/A	N/A
5150.00	27.64	PK	H	33.54	3.56	0.00	58.72	74.00	15.28
5150.00	15.14	AV	H	33.54	3.56	0.00	46.22	54.00	7.78
10520.00	63.28	PK	H	38.21	6.39	36.89	64.97	74.00	9.03
10520.00	50.64	AV	H	38.21	6.39	36.89	52.33	54.00	1.67
15780.00	46.54	PK	H	37.82	8.76	39.22	47.88	74.00	26.12
15780.00	32.78	AV	H	37.82	8.76	39.22	34.12	54.00	19.88
8921.00	45.29	PK	H	37.65	5.44	36.96	45.40	74.00	28.60
8921.00	32.07	AV	H	37.65	5.44	36.96	32.18	54.00	21.82
Middle Channel: 5300 MHz									
5300.00	77.65	PK	H	33.78	3.41	0.00	108.82	N/A	N/A
5300.00	67.33	AV	H	33.78	3.41	0.00	98.50	N/A	N/A
5300.00	66.92	PK	V	33.78	3.41	0.00	98.09	N/A	N/A
5300.00	56.73	AV	V	33.78	3.41	0.00	87.90	N/A	N/A
10600.00	63.15	PK	H	38.26	6.42	36.92	64.89	74.00	9.11
10600.00	50.07	AV	H	38.26	6.42	36.92	51.81	54.00	2.19
15900.00	46.75	PK	H	37.70	8.72	39.31	47.84	74.00	26.16
15900.00	33.48	AV	H	37.70	8.72	39.31	34.57	54.00	19.43
8995.00	46.32	PK	H	37.70	5.49	36.93	46.56	74.00	27.44
8995.00	32.04	AV	H	37.70	5.49	36.93	32.28	54.00	21.72
8666.00	45.36	PK	H	37.50	5.28	37.06	45.06	74.00	28.94
8666.00	32.59	AV	H	37.50	5.28	37.06	32.29	54.00	21.71
High Channel: 5320 MHz									
5320.00	77.37	PK	H	33.81	3.45	0.00	108.61	N/A	N/A
5320.00	67.26	AV	H	33.81	3.45	0.00	98.50	N/A	N/A
5320.00	67.05	PK	V	33.81	3.45	0.00	98.29	N/A	N/A
5320.00	56.97	AV	V	33.81	3.45	0.00	88.21	N/A	N/A
5350.00	27.64	PK	H	33.86	3.52	0.00	59.00	74.00	15.00
5350.00	15.03	AV	H	33.86	3.52	0.00	46.39	54.00	7.61
10640.00	63.16	PK	H	38.28	6.43	36.93	64.92	74.00	9.08
10640.00	50.56	AV	H	38.28	6.43	36.93	52.32	54.00	1.68
15960.00	46.35	PK	H	37.64	8.70	39.36	47.31	74.00	26.69
15960.00	32.66	AV	H	37.64	8.70	39.36	33.62	54.00	20.38
9655.00	45.11	PK	H	37.96	5.84	36.66	46.23	74.00	27.77
9655.00	31.94	AV	H	37.96	5.84	36.66	33.06	54.00	20.94

802.11n ht20 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	77.06	PK	H	33.72	3.49	0.00	108.25	N/A	N/A
5260.00	67.31	AV	H	33.72	3.49	0.00	98.50	N/A	N/A
5260.00	67.15	PK	V	33.72	3.49	0.00	98.34	N/A	N/A
5260.00	56.54	AV	V	33.72	3.49	0.00	87.73	N/A	N/A
5150.00	27.21	PK	H	33.54	3.56	0.00	58.29	74.00	15.71
5150.00	14.79	AV	H	33.54	3.56	0.00	45.87	54.00	8.13
10520.00	63.08	PK	H	38.21	6.39	36.89	64.77	74.00	9.23
10520.00	50.74	AV	H	38.21	6.39	36.89	52.43	54.00	1.57
15780.00	46.61	PK	H	37.82	8.76	39.22	47.95	74.00	26.05
15780.00	32.77	AV	H	37.82	8.76	39.22	34.11	54.00	19.89
9355.00	45.32	PK	H	37.84	5.67	36.70	46.11	74.00	27.89
9355.00	31.97	AV	H	37.84	5.67	36.70	32.76	54.00	21.24
Middle Channel: 5300 MHz									
5300.00	77.25	PK	H	33.78	3.41	0.00	108.42	N/A	N/A
5300.00	67.18	AV	H	33.78	3.41	0.00	98.35	N/A	N/A
5300.00	66.52	PK	V	33.78	3.41	0.00	97.69	N/A	N/A
5300.00	56.73	AV	V	33.78	3.41	0.00	87.90	N/A	N/A
10600.00	63.09	PK	H	38.26	6.42	36.92	64.83	74.00	9.17
10600.00	49.69	AV	H	38.26	6.42	36.92	51.43	54.00	2.57
15900.00	47.22	PK	H	37.70	8.72	39.31	48.31	74.00	25.69
15900.00	33.44	AV	H	37.70	8.72	39.31	34.53	54.00	19.47
8995.00	46.24	PK	H	37.70	5.49	36.93	46.48	74.00	27.52
8995.00	32.48	AV	H	37.70	5.49	36.93	32.72	54.00	21.28
9352.00	45.68	PK	H	37.84	5.67	36.70	46.47	74.00	27.53
9352.00	33.01	AV	H	37.84	5.67	36.70	33.80	54.00	20.2
High Channel: 5320 MHz									
5320.00	76.87	PK	H	33.81	3.45	0.00	108.11	N/A	N/A
5320.00	67.05	AV	H	33.81	3.45	0.00	98.29	N/A	N/A
5320.00	66.96	PK	V	33.81	3.45	0.00	98.20	N/A	N/A
5320.00	56.63	AV	V	33.81	3.45	0.00	87.87	N/A	N/A
5350.00	27.31	PK	H	33.86	3.52	0.00	58.67	74.00	15.33
5350.00	14.86	AV	H	33.86	3.52	0.00	46.22	54.00	7.78
10640.00	63.11	PK	H	38.28	6.43	36.93	64.87	74.00	9.13
10640.00	50.59	AV	H	38.28	6.43	36.93	52.35	54.00	1.65
15960.00	46.82	PK	H	37.64	8.70	39.36	47.78	74.00	26.22
15960.00	32.65	AV	H	37.64	8.70	39.36	33.61	54.00	20.39
9655.00	45.39	PK	H	37.96	5.84	36.66	46.51	74.00	27.49
9655.00	32.16	AV	H	37.96	5.84	36.66	33.28	54.00	20.72

802.11 ac20 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	77.83	PK	H	33.72	3.49	0.00	109.02	N/A	N/A
5260.00	67.34	AV	H	33.72	3.49	0.00	98.53	N/A	N/A
5260.00	67.44	PK	V	33.72	3.49	0.00	98.63	N/A	N/A
5260.00	56.37	AV	V	33.72	3.49	0.00	87.56	N/A	N/A
5150.00	27.43	PK	H	33.54	3.56	0.00	58.51	74.00	15.49
5150.00	15.02	AV	H	33.54	3.56	0.00	46.10	54.00	7.90
10520.00	63.04	PK	H	38.21	6.39	36.89	64.73	74.00	9.27
10520.00	50.75	AV	H	38.21	6.39	36.89	52.44	54.00	1.56
15780.00	46.31	PK	H	37.82	8.76	39.22	47.65	74.00	26.35
15780.00	32.97	AV	H	37.82	8.76	39.22	34.31	54.00	19.69
9355.00	45.08	PK	H	37.84	5.67	36.70	45.87	74.00	28.13
9355.00	31.74	AV	H	37.84	5.67	36.70	32.53	54.00	21.47
Middle Channel: 5300 MHz									
5300.00	77.49	PK	H	33.78	3.41	0.00	108.66	N/A	N/A
5300.00	67.45	AV	H	33.78	3.41	0.00	98.62	N/A	N/A
5300.00	66.26	PK	V	33.78	3.41	0.00	97.43	N/A	N/A
5300.00	56.65	AV	V	33.78	3.41	0.00	87.82	N/A	N/A
10600.00	63.37	PK	H	38.26	6.42	36.92	65.11	74.00	8.89
10600.00	49.72	AV	H	38.26	6.42	36.92	51.46	54.00	2.54
15900.00	47.25	PK	H	37.70	8.72	39.31	48.34	74.00	25.66
15900.00	33.69	AV	H	37.70	8.72	39.31	34.78	54.00	19.22
8995.00	46.26	PK	H	37.70	5.49	36.93	46.50	74.00	27.5
8995.00	32.57	AV	H	37.70	5.49	36.93	32.81	54.00	21.19
9352.00	45.54	PK	H	37.84	5.67	36.70	46.33	74.00	27.67
9352.00	32.73	AV	H	37.84	5.67	36.70	33.52	54.00	20.48
High Channel: 5320 MHz									
5320.00	76.83	PK	H	33.81	3.45	0.00	108.07	N/A	N/A
5320.00	67.57	AV	H	33.81	3.45	0.00	98.81	N/A	N/A
5320.00	67.15	PK	V	33.81	3.45	0.00	98.39	N/A	N/A
5320.00	56.37	AV	V	33.81	3.45	0.00	87.61	N/A	N/A
5350.00	27.28	PK	H	33.86	3.52	0.00	58.64	74.00	15.36
5350.00	14.61	AV	H	33.86	3.52	0.00	45.97	54.00	8.03
10640.00	62.97	PK	H	38.28	6.43	36.93	64.73	74.00	9.27
10640.00	50.73	AV	H	38.28	6.43	36.93	52.49	54.00	1.51
15960.00	46.84	PK	H	37.64	8.70	39.36	47.80	74.00	26.20
15960.00	32.78	AV	H	37.64	8.70	39.36	33.74	54.00	20.26
9655.00	45.58	PK	H	37.96	5.84	36.66	46.70	74.00	27.30
9655.00	32.17	AV	H	37.96	5.84	36.66	33.29	54.00	20.71

802.11 n ht40 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	73.33	PK	H	33.73	3.47	0.00	104.51	N/A	N/A
5270.00	63.24	AV	H	33.73	3.47	0.00	94.42	N/A	N/A
5270.00	58.64	PK	V	33.73	3.47	0.00	89.82	N/A	N/A
5270.00	48.81	AV	V	33.73	3.47	0.00	79.99	N/A	N/A
5150.00	28.11	PK	H	33.54	3.56	0.00	59.19	74.00	14.81
5150.00	14.64	AV	H	33.54	3.56	0.00	45.72	54.00	8.28
10540.00	63.23	PK	H	38.22	6.40	36.89	64.94	74.00	9.06
10540.00	49.94	AV	H	38.22	6.40	36.89	51.65	54.00	2.35
15810.00	46.36	PK	H	37.79	8.75	39.25	47.63	74.00	26.37
15810.00	32.75	AV	H	37.79	8.75	39.25	34.02	54.00	19.98
9355.00	45.03	PK	H	37.84	5.67	36.70	45.82	74.00	28.18
9355.00	32.53	AV	H	37.84	5.67	36.70	33.32	54.00	20.68
High Channel: 5310 MHz									
5310.00	73.15	PK	H	33.80	3.43	0.00	104.36	N/A	N/A
5310.00	62.93	AV	H	33.80	3.43	0.00	94.14	N/A	N/A
5310.00	58.99	PK	V	33.80	3.43	0.00	90.20	N/A	N/A
5310.00	48.58	AV	V	33.80	3.43	0.00	79.79	N/A	N/A
5350.00	27.49	PK	H	33.86	3.52	0.00	58.85	74.00	15.15
5350.00	14.74	AV	H	33.86	3.52	0.00	46.10	54.00	7.90
10620.00	63.42	PK	H	38.27	6.43	36.92	65.18	74.00	8.82
10620.00	49.82	AV	H	38.27	6.43	36.92	51.58	54.00	2.42
15930.00	46.36	PK	H	37.67	8.71	39.34	47.38	74.00	26.62
15930.00	32.73	AV	H	37.67	8.71	39.34	33.75	54.00	20.25
9655.00	45.12	PK	H	37.96	5.84	36.66	46.24	74.00	27.76
9655.00	32.43	AV	H	37.96	5.84	36.66	33.55	54.00	20.45

802.11 ac40 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	73.29	PK	H	33.73	3.47	0.00	104.47	N/A	N/A
5270.00	63.53	AV	H	33.73	3.47	0.00	94.71	N/A	N/A
5270.00	58.42	PK	V	33.73	3.47	0.00	89.60	N/A	N/A
5270.00	49.08	AV	V	33.73	3.47	0.00	80.26	N/A	N/A
5150.00	27.85	PK	H	33.54	3.56	0.00	58.93	74.00	15.07
5150.00	14.41	AV	H	33.54	3.56	0.00	45.49	54.00	8.51
10540.00	63.38	PK	H	38.22	6.40	36.89	65.09	74.00	8.91
10540.00	49.73	AV	H	38.22	6.40	36.89	51.44	54.00	2.56
15810.00	46.36	PK	H	37.79	8.75	39.25	47.63	74.00	26.37
15810.00	32.65	AV	H	37.79	8.75	39.25	33.92	54.00	20.08
9355.00	45.96	PK	H	37.84	5.67	36.70	46.75	74.00	27.25
9355.00	32.25	AV	H	37.84	5.67	36.70	33.04	54.00	20.96
High Channel: 5310 MHz									
5310.00	73.04	PK	H	33.80	3.43	0.00	104.25	N/A	N/A
5310.00	63.13	AV	H	33.80	3.43	0.00	94.34	N/A	N/A
5310.00	58.75	PK	V	33.80	3.43	0.00	89.96	N/A	N/A
5310.00	49.15	AV	V	33.80	3.43	0.00	80.36	N/A	N/A
5350.00	28.27	PK	H	33.86	3.52	0.00	59.63	74.00	14.37
5350.00	14.53	AV	H	33.86	3.52	0.00	45.89	54.00	8.11
10620.00	63.14	PK	H	38.27	6.43	36.92	64.90	74.00	9.10
10620.00	49.66	AV	H	38.27	6.43	36.92	51.42	54.00	2.58
15930.00	46.18	PK	H	37.67	8.71	39.34	47.20	74.00	26.80
15930.00	32.47	AV	H	37.67	8.71	39.34	33.49	54.00	20.51
9655.00	44.88	PK	H	37.96	5.84	36.66	46.00	74.00	28.00
9655.00	32.56	AV	H	37.96	5.84	36.66	33.68	54.00	20.32

802.11 ac80 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	68.34	PK	H	33.76	3.43	0.00	99.51	N/A	N/A
5290.00	58.52	AV	H	33.76	3.43	0.00	89.69	N/A	N/A
5290.00	57.93	PK	V	33.76	3.43	0.00	89.10	N/A	N/A
5290.00	47.45	AV	V	33.76	3.43	0.00	78.62	N/A	N/A
5150.00	27.76	PK	H	33.54	3.56	0.00	58.84	74.00	15.16
5150.00	14.23	AV	H	33.54	3.56	0.00	45.31	54.00	8.69
5350.00	27.94	PK	H	33.86	3.52	0.00	59.30	74.00	14.70
5350.00	15.50	AV	H	33.86	3.52	0.00	46.86	54.00	7.14
10580.00	63.15	PK	H	38.25	6.41	36.91	64.88	74.00	9.12
10580.00	50.01	AV	H	38.25	6.41	36.91	51.74	54.00	2.26
15870.00	46.72	PK	H	37.73	8.73	39.29	47.87	74.00	26.13
15870.00	32.66	AV	H	37.73	8.73	39.29	33.81	54.00	20.19
9685.00	45.06	PK	H	37.97	5.86	36.67	46.20	74.00	27.80
9685.00	32.26	AV	H	37.97	5.86	36.67	33.40	54.00	20.60



**Radio 0, 5250-5350MHz, Beamforming 2TX**

802.11a Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	73.81	PK	H	33.72	3.49	0.00	105.00	N/A	N/A
5260.00	64.38	AV	H	33.72	3.49	0.00	95.57	N/A	N/A
5260.00	63.84	PK	V	33.72	3.49	0.00	95.03	N/A	N/A
5260.00	53.78	AV	V	33.72	3.49	0.00	84.97	N/A	N/A
5150.00	27.76	PK	H	33.54	3.56	0.00	58.84	74.00	15.16
5150.00	14.62	AV	H	33.54	3.56	0.00	45.70	54.00	8.30
10520.00	63.28	PK	H	38.21	6.39	36.89	64.97	74.00	9.03
10520.00	50.43	AV	H	38.21	6.39	36.89	52.12	54.00	1.88
15780.00	46.64	PK	H	37.82	8.76	39.22	47.98	74.00	26.02
15780.00	32.55	AV	H	37.82	8.76	39.22	33.89	54.00	20.11
8925.00	45.54	PK	H	37.66	5.44	36.96	45.66	74.00	28.34
8925.00	32.69	AV	H	37.66	5.44	36.96	32.81	54.00	21.19
Middle Channel: 5300 MHz									
5300.00	73.73	PK	H	33.78	3.41	0.00	104.90	N/A	N/A
5300.00	64.48	AV	H	33.78	3.41	0.00	95.65	N/A	N/A
5300.00	63.67	PK	V	33.78	3.41	0.00	94.84	N/A	N/A
5300.00	53.43	AV	V	33.78	3.41	0.00	84.60	N/A	N/A
10600.00	63.23	PK	H	38.26	6.42	36.92	64.97	74.00	9.03
10600.00	50.17	AV	H	38.26	6.42	36.92	51.91	54.00	2.09
15900.00	46.82	PK	H	37.70	8.72	39.31	47.91	74.00	26.09
15900.00	33.44	AV	H	37.70	8.72	39.31	34.53	54.00	19.47
8995.00	46.36	PK	H	37.70	5.49	36.93	46.60	74.00	27.4
8995.00	32.19	AV	H	37.70	5.49	36.93	32.43	54.00	21.57
8675.00	45.29	PK	H	37.51	5.28	37.05	45.01	74.00	28.99
8675.00	32.37	AV	H	37.51	5.28	37.05	32.09	54.00	21.91
High Channel: 5320 MHz									
5320.00	73.48	PK	H	33.81	3.45	0.00	104.72	N/A	N/A
5320.00	64.36	AV	H	33.81	3.45	0.00	95.60	N/A	N/A
5320.00	63.93	PK	V	33.81	3.45	0.00	95.17	N/A	N/A
5320.00	53.89	AV	V	33.81	3.45	0.00	85.13	N/A	N/A
5350.00	26.75	PK	H	33.86	3.52	0.00	58.11	74.00	15.89
5350.00	14.39	AV	H	33.86	3.52	0.00	45.75	54.00	8.25
10640.00	62.72	PK	H	38.28	6.43	36.93	64.48	74.00	9.52
10640.00	49.68	AV	H	38.28	6.43	36.93	51.44	54.00	2.56
15960.00	46.18	PK	H	37.64	8.70	39.36	47.14	74.00	26.86
15960.00	32.55	AV	H	37.64	8.70	39.36	33.51	54.00	20.49
9655.00	46.56	PK	H	37.96	5.84	36.66	47.68	74.00	26.32
9655.00	32.55	AV	H	37.96	5.84	36.66	33.67	54.00	20.33

802.11n ht20 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	74.17	PK	H	33.72	3.49	0.00	105.36	N/A	N/A
5260.00	65.41	AV	H	33.72	3.49	0.00	96.60	N/A	N/A
5260.00	63.68	PK	V	33.72	3.49	0.00	94.87	N/A	N/A
5260.00	53.92	AV	V	33.72	3.49	0.00	85.11	N/A	N/A
5150.00	27.74	PK	H	33.54	3.56	0.00	58.82	74.00	15.18
5150.00	14.47	AV	H	33.54	3.56	0.00	45.55	54.00	8.45
10520.00	63.15	PK	H	38.21	6.39	36.89	64.84	74.00	9.16
10520.00	50.45	AV	H	38.21	6.39	36.89	52.14	54.00	1.86
15780.00	46.51	PK	H	37.82	8.76	39.22	47.85	74.00	26.15
15780.00	32.02	AV	H	37.82	8.76	39.22	33.36	54.00	20.64
9355.00	45.31	PK	H	37.84	5.67	36.70	46.10	74.00	27.90
9355.00	32.19	AV	H	37.84	5.67	36.70	32.98	54.00	21.02
Middle Channel: 5300 MHz									
5300.00	74.58	PK	H	33.78	3.41	0.00	105.75	N/A	N/A
5300.00	65.06	AV	H	33.78	3.41	0.00	96.23	N/A	N/A
5300.00	63.69	PK	V	33.78	3.41	0.00	94.86	N/A	N/A
5300.00	53.79	AV	V	33.78	3.41	0.00	84.96	N/A	N/A
10600.00	63.94	PK	H	38.26	6.42	36.92	65.68	74.00	8.32
10600.00	50.53	AV	H	38.26	6.42	36.92	52.27	54.00	1.73
15900.00	46.69	PK	H	37.70	8.72	39.31	47.78	74.00	26.22
15900.00	33.82	AV	H	37.70	8.72	39.31	34.91	54.00	19.09
8995.00	46.27	PK	H	37.70	5.49	36.93	46.51	74.00	27.49
8995.00	32.04	AV	H	37.70	5.49	36.93	32.28	54.00	21.72
9345.00	45.42	PK	H	37.84	5.66	36.71	46.19	74.00	27.81
9345.00	33.43	AV	H	37.84	5.66	36.71	34.20	54.00	19.8
High Channel: 5320 MHz									
5320.00	74.14	PK	H	33.81	3.45	0.00	105.38	N/A	N/A
5320.00	65.45	AV	H	33.81	3.45	0.00	96.69	N/A	N/A
5320.00	63.75	PK	V	33.81	3.45	0.00	94.99	N/A	N/A
5320.00	54.32	AV	V	33.81	3.45	0.00	85.56	N/A	N/A
5350.00	28.03	PK	H	33.86	3.52	0.00	59.39	74.00	14.61
5350.00	14.64	AV	H	33.86	3.52	0.00	46.00	54.00	8.00
10640.00	62.98	PK	H	38.28	6.43	36.93	64.74	74.00	9.26
10640.00	50.22	AV	H	38.28	6.43	36.93	51.98	54.00	2.02
15960.00	46.92	PK	H	37.64	8.70	39.36	47.88	74.00	26.12
15960.00	32.24	AV	H	37.64	8.70	39.36	33.20	54.00	20.80
9655.00	44.99	PK	H	37.96	5.84	36.66	46.11	74.00	27.89
9655.00	31.84	AV	H	37.96	5.84	36.66	32.96	54.00	21.04

802.11 ac20 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	73.92	PK	H	33.72	3.49	0.00	105.11	N/A	N/A
5260.00	65.28	AV	H	33.72	3.49	0.00	96.47	N/A	N/A
5260.00	63.46	PK	V	33.72	3.49	0.00	94.65	N/A	N/A
5260.00	53.89	AV	V	33.72	3.49	0.00	85.08	N/A	N/A
5150.00	28.04	PK	H	33.54	3.56	0.00	59.12	74.00	14.88
5150.00	14.72	AV	H	33.54	3.56	0.00	45.80	54.00	8.20
10520.00	62.86	PK	H	38.21	6.39	36.89	64.55	74.00	9.45
10520.00	50.59	AV	H	38.21	6.39	36.89	52.28	54.00	1.72
15780.00	46.49	PK	H	37.82	8.76	39.22	47.83	74.00	26.17
15780.00	31.95	AV	H	37.82	8.76	39.22	33.29	54.00	20.71
9355.00	45.36	PK	H	37.84	5.67	36.70	46.15	74.00	27.85
9355.00	31.99	AV	H	37.84	5.67	36.70	32.78	54.00	21.22
Middle Channel: 5300 MHz									
5300.00	73.79	PK	H	33.78	3.41	0.00	104.96	N/A	N/A
5300.00	64.62	AV	H	33.78	3.41	0.00	95.79	N/A	N/A
5300.00	63.56	PK	V	33.78	3.41	0.00	94.73	N/A	N/A
5300.00	53.63	AV	V	33.78	3.41	0.00	84.80	N/A	N/A
10600.00	63.04	PK	H	38.26	6.42	36.92	64.78	74.00	9.22
10600.00	50.06	AV	H	38.26	6.42	36.92	51.80	54.00	2.2
15900.00	46.95	PK	H	37.70	8.72	39.31	48.04	74.00	25.96
15900.00	33.55	AV	H	37.70	8.72	39.31	34.64	54.00	19.36
8995.00	46.44	PK	H	37.70	5.49	36.93	46.68	74.00	27.32
8995.00	32.19	AV	H	37.70	5.49	36.93	32.43	54.00	21.57
9375.00	45.44	PK	H	37.85	5.68	36.69	46.26	74.00	27.74
9375.00	32.48	AV	H	37.85	5.68	36.69	33.30	54.00	20.7
High Channel: 5320 MHz									
5320.00	74.31	PK	H	33.81	3.45	0.00	105.55	N/A	N/A
5320.00	65.23	AV	H	33.81	3.45	0.00	96.47	N/A	N/A
5320.00	63.86	PK	V	33.81	3.45	0.00	95.10	N/A	N/A
5320.00	53.68	AV	V	33.81	3.45	0.00	84.92	N/A	N/A
5350.00	27.52	PK	H	33.86	3.52	0.00	58.88	74.00	15.12
5350.00	14.19	AV	H	33.86	3.52	0.00	45.55	54.00	8.45
10640.00	63.03	PK	H	38.28	6.43	36.93	64.79	74.00	9.21
10640.00	50.37	AV	H	38.28	6.43	36.93	52.13	54.00	1.87
15960.00	46.31	PK	H	37.64	8.70	39.36	47.27	74.00	26.73
15960.00	32.15	AV	H	37.64	8.70	39.36	33.11	54.00	20.89
9655.00	45.03	PK	H	37.96	5.84	36.66	46.15	74.00	27.85
9655.00	31.89	AV	H	37.96	5.84	36.66	33.01	54.00	20.99

802.11 n ht40 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	65.58	PK	H	33.73	3.47	0.00	96.76	N/A	N/A
5270.00	59.75	AV	H	33.73	3.47	0.00	90.93	N/A	N/A
5270.00	57.52	PK	V	33.73	3.47	0.00	88.70	N/A	N/A
5270.00	47.63	AV	V	33.73	3.47	0.00	78.81	N/A	N/A
5150.00	27.97	PK	H	33.54	3.56	0.00	59.05	74.00	14.95
5150.00	14.17	AV	H	33.54	3.56	0.00	45.25	54.00	8.75
10540.00	63.37	PK	H	38.22	6.40	36.89	65.08	74.00	8.92
10540.00	50.51	AV	H	38.22	6.40	36.89	52.22	54.00	1.78
15810.00	46.31	PK	H	37.79	8.75	39.25	47.58	74.00	26.42
15810.00	32.43	AV	H	37.79	8.75	39.25	33.70	54.00	20.30
9355.00	45.43	PK	H	37.84	5.67	36.70	46.22	74.00	27.78
9355.00	32.45	AV	H	37.84	5.67	36.70	33.24	54.00	20.76
High Channel: 5310 MHz									
5310.00	65.22	PK	H	33.80	3.43	0.00	96.43	N/A	N/A
5310.00	59.77	AV	H	33.80	3.43	0.00	90.98	N/A	N/A
5310.00	57.49	PK	V	33.80	3.43	0.00	88.70	N/A	N/A
5310.00	47.68	AV	V	33.80	3.43	0.00	78.89	N/A	N/A
5350.00	28.16	PK	H	33.86	3.52	0.00	59.52	74.00	14.48
5350.00	14.19	AV	H	33.86	3.52	0.00	45.55	54.00	8.45
10620.00	63.62	PK	H	38.27	6.43	36.92	65.38	74.00	8.62
10620.00	50.47	AV	H	38.27	6.43	36.92	52.23	54.00	1.77
15930.00	46.27	PK	H	37.67	8.71	39.34	47.29	74.00	26.71
15930.00	32.52	AV	H	37.67	8.71	39.34	33.54	54.00	20.46
9655.00	45.54	PK	H	37.96	5.84	36.66	46.66	74.00	27.34
9655.00	32.15	AV	H	37.96	5.84	36.66	33.27	54.00	20.73

802.11 ac40 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	65.19	PK	H	33.73	3.47	0.00	96.37	N/A	N/A
5270.00	59.52	AV	H	33.73	3.47	0.00	90.70	N/A	N/A
5270.00	57.28	PK	V	33.73	3.47	0.00	88.46	N/A	N/A
5270.00	47.85	AV	V	33.73	3.47	0.00	79.03	N/A	N/A
5150.00	27.76	PK	H	33.54	3.56	0.00	58.84	74.00	15.16
5150.00	14.28	AV	H	33.54	3.56	0.00	45.36	54.00	8.64
10540.00	63.36	PK	H	38.22	6.40	36.89	65.07	74.00	8.93
10540.00	50.33	AV	H	38.22	6.40	36.89	52.04	54.00	1.96
15810.00	46.34	PK	H	37.79	8.75	39.25	47.61	74.00	26.39
15810.00	32.38	AV	H	37.79	8.75	39.25	33.65	54.00	20.35
9355.00	45.17	PK	H	37.84	5.67	36.70	45.96	74.00	28.04
9355.00	32.38	AV	H	37.84	5.67	36.70	33.17	54.00	20.83
High Channel: 5310 MHz									
5310.00	65.49	PK	H	33.80	3.43	0.00	96.70	N/A	N/A
5310.00	59.54	AV	H	33.80	3.43	0.00	90.75	N/A	N/A
5310.00	57.74	PK	V	33.80	3.43	0.00	88.95	N/A	N/A
5310.00	47.55	AV	V	33.80	3.43	0.00	78.76	N/A	N/A
5350.00	27.83	PK	H	33.86	3.52	0.00	59.19	74.00	14.81
5350.00	14.24	AV	H	33.86	3.52	0.00	45.60	54.00	8.40
10620.00	63.52	PK	H	38.27	6.43	36.92	65.28	74.00	8.72
10620.00	50.58	AV	H	38.27	6.43	36.92	52.34	54.00	1.66
15930.00	46.32	PK	H	37.67	8.71	39.34	47.34	74.00	26.66
15930.00	32.19	AV	H	37.67	8.71	39.34	33.21	54.00	20.79
9655.00	45.27	PK	H	37.96	5.84	36.66	46.39	74.00	27.61
9655.00	32.57	AV	H	37.96	5.84	36.66	33.69	54.00	20.31

802.11 ac80 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	65.54	PK	H	33.76	3.43	0.00	96.71	N/A	N/A
5290.00	56.01	AV	H	33.76	3.43	0.00	87.18	N/A	N/A
5290.00	56.85	PK	V	33.76	3.43	0.00	88.02	N/A	N/A
5290.00	46.34	AV	V	33.76	3.43	0.00	77.51	N/A	N/A
5150.00	28.14	PK	H	33.54	3.56	0.00	59.22	74.00	14.78
5150.00	14.02	AV	H	33.54	3.56	0.00	45.10	54.00	8.90
5350.00	27.82	PK	H	33.86	3.52	0.00	59.18	74.00	14.82
5350.00	15.19	AV	H	33.86	3.52	0.00	46.55	54.00	7.45
10580.00	63.41	PK	H	38.25	6.41	36.91	65.14	74.00	8.86
10580.00	49.79	AV	H	38.25	6.41	36.91	51.52	54.00	2.48
15870.00	46.63	PK	H	37.73	8.73	39.29	47.78	74.00	26.22
15870.00	32.78	AV	H	37.73	8.73	39.29	33.93	54.00	20.07
9685.00	45.27	PK	H	37.97	5.86	36.67	46.41	74.00	27.59
9685.00	32.51	AV	H	37.97	5.86	36.67	33.65	54.00	20.35

**Raido 0, 5250-5350MHz, Beamforming 3TX**

802.11a Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	76.53	PK	H	33.72	3.49	0.00	107.72	N/A	N/A
5260.00	67.39	AV	H	33.72	3.49	0.00	98.58	N/A	N/A
5260.00	64.95	PK	V	33.72	3.49	0.00	96.14	N/A	N/A
5260.00	54.57	AV	V	33.72	3.49	0.00	85.76	N/A	N/A
5150.00	27.51	PK	H	33.54	3.56	0.00	58.59	74.00	15.41
5150.00	14.74	AV	H	33.54	3.56	0.00	45.82	54.00	8.18
10520.00	63.52	PK	H	38.21	6.39	36.89	65.21	74.00	8.79
10520.00	50.73	AV	H	38.21	6.39	36.89	52.42	54.00	1.58
15780.00	46.58	PK	H	37.82	8.76	39.22	47.92	74.00	26.08
15780.00	32.47	AV	H	37.82	8.76	39.22	33.81	54.00	20.19
8935.00	45.49	PK	H	37.66	5.45	36.95	45.63	74.00	28.37
8935.00	32.33	AV	H	37.66	5.45	36.95	32.47	54.00	21.53
Middle Channel: 5300 MHz									
5300.00	76.28	PK	H	33.78	3.41	0.00	107.45	N/A	N/A
5300.00	67.39	AV	H	33.78	3.41	0.00	98.56	N/A	N/A
5300.00	64.81	PK	V	33.78	3.41	0.00	95.98	N/A	N/A
5300.00	54.86	AV	V	33.78	3.41	0.00	86.03	N/A	N/A
10600.00	63.23	PK	H	38.26	6.42	36.92	64.97	74.00	9.03
10600.00	50.03	AV	H	38.26	6.42	36.92	51.77	54.00	2.23
15900.00	46.76	PK	H	37.70	8.72	39.31	47.85	74.00	26.15
15900.00	33.62	AV	H	37.70	8.72	39.31	34.71	54.00	19.29
8995.00	46.48	PK	H	37.70	5.49	36.93	46.72	74.00	27.28
8995.00	32.06	AV	H	37.70	5.49	36.93	32.30	54.00	21.7
8666.00	45.54	PK	H	37.50	5.28	37.06	45.24	74.00	28.76
8666.00	32.68	AV	H	37.50	5.28	37.06	32.38	54.00	21.62
High Channel: 5320 MHz									
5320.00	76.53	PK	H	33.81	3.45	0.00	107.77	N/A	N/A
5320.00	67.57	AV	H	33.81	3.45	0.00	98.81	N/A	N/A
5320.00	65.15	PK	V	33.81	3.45	0.00	96.39	N/A	N/A
5320.00	54.48	AV	V	33.81	3.45	0.00	85.72	N/A	N/A
5350.00	27.43	PK	H	33.86	3.52	0.00	58.79	74.00	15.21
5350.00	14.57	AV	H	33.86	3.52	0.00	45.93	54.00	8.07
10640.00	63.43	PK	H	38.28	6.43	36.93	65.19	74.00	8.81
10640.00	50.75	AV	H	38.28	6.43	36.93	52.51	54.00	1.49
15960.00	46.77	PK	H	37.64	8.70	39.36	47.73	74.00	26.27
15960.00	32.41	AV	H	37.64	8.70	39.36	33.37	54.00	20.63
9655.00	45.61	PK	H	37.96	5.84	36.66	46.73	74.00	27.27
9655.00	32.32	AV	H	37.96	5.84	36.66	33.44	54.00	20.56

802.11n ht20 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	76.38	PK	H	33.72	3.49	0.00	107.57	N/A	N/A
5260.00	67.53	AV	H	33.72	3.49	0.00	98.72	N/A	N/A
5260.00	64.87	PK	V	33.72	3.49	0.00	96.06	N/A	N/A
5260.00	54.79	AV	V	33.72	3.49	0.00	85.98	N/A	N/A
5150.00	27.71	PK	H	33.54	3.56	0.00	58.79	74.00	15.21
5150.00	14.17	AV	H	33.54	3.56	0.00	45.25	54.00	8.75
10520.00	63.72	PK	H	38.21	6.39	36.89	65.41	74.00	8.59
10520.00	50.57	AV	H	38.21	6.39	36.89	52.26	54.00	1.74
15780.00	47.01	PK	H	37.82	8.76	39.22	48.35	74.00	25.65
15780.00	32.13	AV	H	37.82	8.76	39.22	33.47	54.00	20.53
9355.00	45.18	PK	H	37.84	5.67	36.70	45.97	74.00	28.03
9355.00	32.21	AV	H	37.84	5.67	36.70	33.00	54.00	21.00
Middle Channel: 5300 MHz									
5300.00	76.22	PK	H	33.78	3.41	0.00	107.39	N/A	N/A
5300.00	67.58	AV	H	33.78	3.41	0.00	98.75	N/A	N/A
5300.00	65.36	PK	V	33.78	3.41	0.00	96.53	N/A	N/A
5300.00	54.62	AV	V	33.78	3.41	0.00	85.79	N/A	N/A
10600.00	63.54	PK	H	38.26	6.42	36.92	65.28	74.00	8.72
10600.00	50.05	AV	H	38.26	6.42	36.92	51.79	54.00	2.21
15900.00	47.23	PK	H	37.70	8.72	39.31	48.32	74.00	25.68
15900.00	33.62	AV	H	37.70	8.72	39.31	34.71	54.00	19.29
8995.00	46.48	PK	H	37.70	5.49	36.93	46.72	74.00	27.28
8995.00	32.29	AV	H	37.70	5.49	36.93	32.53	54.00	21.47
9465.00	45.63	PK	H	37.89	5.72	36.63	46.59	74.00	27.41
9465.00	33.04	AV	H	37.89	5.72	36.63	34.00	54.00	20
High Channel: 5320 MHz									
5320.00	76.17	PK	H	33.81	3.45	0.00	107.41	N/A	N/A
5320.00	67.38	AV	H	33.81	3.45	0.00	98.62	N/A	N/A
5320.00	64.99	PK	V	33.81	3.45	0.00	96.23	N/A	N/A
5320.00	54.96	AV	V	33.81	3.45	0.00	86.20	N/A	N/A
5350.00	27.44	PK	H	33.86	3.52	0.00	58.80	74.00	15.20
5350.00	14.09	AV	H	33.86	3.52	0.00	45.45	54.00	8.55
10640.00	63.79	PK	H	38.28	6.43	36.93	65.55	74.00	8.45
10640.00	50.54	AV	H	38.28	6.43	36.93	52.30	54.00	1.70
15960.00	47.27	PK	H	37.64	8.70	39.36	48.23	74.00	25.77
15960.00	31.96	AV	H	37.64	8.70	39.36	32.92	54.00	21.08
9655.00	45.23	PK	H	37.96	5.84	36.66	46.35	74.00	27.65
9655.00	32.21	AV	H	37.96	5.84	36.66	33.33	54.00	20.67

802.11 ac20 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	76.63	PK	H	33.72	3.49	0.00	107.82	N/A	N/A
5260.00	67.53	AV	H	33.72	3.49	0.00	98.72	N/A	N/A
5260.00	64.97	PK	V	33.72	3.49	0.00	96.16	N/A	N/A
5260.00	54.55	AV	V	33.72	3.49	0.00	85.74	N/A	N/A
5150.00	27.43	PK	H	33.54	3.56	0.00	58.51	74.00	15.49
5150.00	14.58	AV	H	33.54	3.56	0.00	45.66	54.00	8.34
10520.00	63.55	PK	H	38.21	6.39	36.89	65.24	74.00	8.76
10520.00	50.79	AV	H	38.21	6.39	36.89	52.48	54.00	1.52
15780.00	46.66	PK	H	37.82	8.76	39.22	48.00	74.00	26.00
15780.00	32.67	AV	H	37.82	8.76	39.22	34.01	54.00	19.99
9355.00	45.46	PK	H	37.84	5.67	36.70	46.25	74.00	27.75
9355.00	32.26	AV	H	37.84	5.67	36.70	33.05	54.00	20.95
Middle Channel: 5300 MHz									
5300.00	76.23	PK	H	33.78	3.41	0.00	107.40	N/A	N/A
5300.00	67.53	AV	H	33.78	3.41	0.00	98.70	N/A	N/A
5300.00	65.11	PK	V	33.78	3.41	0.00	96.28	N/A	N/A
5300.00	54.66	AV	V	33.78	3.41	0.00	85.83	N/A	N/A
10600.00	63.55	PK	H	38.26	6.42	36.92	65.29	74.00	8.71
10600.00	50.18	AV	H	38.26	6.42	36.92	51.92	54.00	2.08
15900.00	47.14	PK	H	37.70	8.72	39.31	48.23	74.00	25.77
15900.00	33.42	AV	H	37.70	8.72	39.31	34.51	54.00	19.49
8995.00	46.64	PK	H	37.70	5.49	36.93	46.88	74.00	27.12
8995.00	31.99	AV	H	37.70	5.49	36.93	32.23	54.00	21.77
9615.00	45.47	PK	H	37.95	5.82	36.65	46.57	74.00	27.43
9615.00	32.97	AV	H	37.95	5.82	36.65	34.07	54.00	19.93
High Channel: 5320 MHz									
5320.00	76.73	PK	H	33.81	3.45	0.00	107.97	N/A	N/A
5320.00	67.39	AV	H	33.81	3.45	0.00	98.63	N/A	N/A
5320.00	64.85	PK	V	33.81	3.45	0.00	96.09	N/A	N/A
5320.00	54.59	AV	V	33.81	3.45	0.00	85.83	N/A	N/A
5350.00	27.37	PK	H	33.86	3.52	0.00	58.73	74.00	15.27
5350.00	14.62	AV	H	33.86	3.52	0.00	45.98	54.00	8.02
10640.00	63.36	PK	H	38.28	6.43	36.93	65.12	74.00	8.88
10640.00	50.75	AV	H	38.28	6.43	36.93	52.51	54.00	1.49
15960.00	46.72	PK	H	37.64	8.70	39.36	47.68	74.00	26.32
15960.00	32.56	AV	H	37.64	8.70	39.36	33.52	54.00	20.48
9655.00	45.55	PK	H	37.96	5.84	36.66	46.67	74.00	27.33
9655.00	32.51	AV	H	37.96	5.84	36.66	33.63	54.00	20.37



802.11 n ht40 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	72.34	PK	H	33.73	3.47	0.00	103.52	N/A	N/A
5270.00	63.21	AV	H	33.73	3.47	0.00	94.39	N/A	N/A
5270.00	58.93	PK	V	33.73	3.47	0.00	90.11	N/A	N/A
5270.00	48.78	AV	V	33.73	3.47	0.00	79.96	N/A	N/A
5150.00	28.42	PK	H	33.54	3.56	0.00	59.50	74.00	14.50
5150.00	14.54	AV	H	33.54	3.56	0.00	45.62	54.00	8.38
10540.00	63.13	PK	H	38.22	6.40	36.89	64.84	74.00	9.16
10540.00	50.28	AV	H	38.22	6.40	36.89	51.99	54.00	2.01
15810.00	46.33	PK	H	37.79	8.75	39.25	47.60	74.00	26.40
15810.00	32.69	AV	H	37.79	8.75	39.25	33.96	54.00	20.04
9355.00	44.76	PK	H	37.84	5.67	36.70	45.55	74.00	28.45
9355.00	32.14	AV	H	37.84	5.67	36.70	32.93	54.00	21.07
High Channel: 5310 MHz									
5310.00	72.18	PK	H	33.80	3.43	0.00	103.39	N/A	N/A
5310.00	63.25	AV	H	33.80	3.43	0.00	94.46	N/A	N/A
5310.00	58.77	PK	V	33.80	3.43	0.00	89.98	N/A	N/A
5310.00	48.61	AV	V	33.80	3.43	0.00	79.82	N/A	N/A
5350.00	28.38	PK	H	33.86	3.52	0.00	59.74	74.00	14.26
5350.00	14.76	AV	H	33.86	3.52	0.00	46.12	54.00	7.88
10620.00	63.25	PK	H	38.27	6.43	36.92	65.01	74.00	8.99
10620.00	50.53	AV	H	38.27	6.43	36.92	52.29	54.00	1.71
15930.00	46.61	PK	H	37.67	8.71	39.34	47.63	74.00	26.37
15930.00	32.56	AV	H	37.67	8.71	39.34	33.58	54.00	20.42
9655.00	45.62	PK	H	37.96	5.84	36.66	46.74	74.00	27.26
9655.00	32.18	AV	H	37.96	5.84	36.66	33.30	54.00	20.70

802.11 ac40 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	72.59	PK	H	33.73	3.47	0.00	103.77	N/A	N/A
5270.00	63.13	AV	H	33.73	3.47	0.00	94.31	N/A	N/A
5270.00	58.73	PK	V	33.73	3.47	0.00	89.91	N/A	N/A
5270.00	48.89	AV	V	33.73	3.47	0.00	80.07	N/A	N/A
5150.00	28.64	PK	H	33.54	3.56	0.00	59.72	74.00	14.28
5150.00	14.79	AV	H	33.54	3.56	0.00	45.87	54.00	8.13
10540.00	63.17	PK	H	38.22	6.40	36.89	64.88	74.00	9.12
10540.00	50.04	AV	H	38.22	6.40	36.89	51.75	54.00	2.25
15810.00	46.46	PK	H	37.79	8.75	39.25	47.73	74.00	26.27
15810.00	32.84	AV	H	37.79	8.75	39.25	34.11	54.00	19.89
9355.00	45.06	PK	H	37.84	5.67	36.70	45.85	74.00	28.15
9355.00	32.01	AV	H	37.84	5.67	36.70	32.80	54.00	21.20
High Channel: 5310 MHz									
5310.00	72.48	PK	H	33.80	3.43	0.00	103.69	N/A	N/A
5310.00	63.53	AV	H	33.80	3.43	0.00	94.74	N/A	N/A
5310.00	58.75	PK	V	33.80	3.43	0.00	89.96	N/A	N/A
5310.00	48.83	AV	V	33.80	3.43	0.00	80.04	N/A	N/A
5350.00	28.54	PK	H	33.86	3.52	0.00	59.90	74.00	14.10
5350.00	14.26	AV	H	33.86	3.52	0.00	45.62	54.00	8.38
10620.00	63.04	PK	H	38.27	6.43	36.92	64.80	74.00	9.20
10620.00	50.33	AV	H	38.27	6.43	36.92	52.09	54.00	1.91
15930.00	46.62	PK	H	37.67	8.71	39.34	47.64	74.00	26.36
15930.00	32.89	AV	H	37.67	8.71	39.34	33.91	54.00	20.09
9655.00	44.57	PK	H	37.96	5.84	36.66	45.69	74.00	28.31
9655.00	31.94	AV	H	37.96	5.84	36.66	33.06	54.00	20.94

802.11 ac80 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	67.39	PK	H	33.76	3.43	0.00	98.56	N/A	N/A
5290.00	57.62	AV	H	33.76	3.43	0.00	88.79	N/A	N/A
5290.00	58.12	PK	V	33.76	3.43	0.00	89.29	N/A	N/A
5290.00	47.27	AV	V	33.76	3.43	0.00	78.44	N/A	N/A
5150.00	27.62	PK	H	33.54	3.56	0.00	58.70	74.00	15.30
5150.00	14.27	AV	H	33.54	3.56	0.00	45.35	54.00	8.65
5350.00	28.19	PK	H	33.86	3.52	0.00	59.55	74.00	14.45
5350.00	15.45	AV	H	33.86	3.52	0.00	46.81	54.00	7.19
10580.00	63.56	PK	H	38.25	6.41	36.91	65.29	74.00	8.71
10580.00	50.52	AV	H	38.25	6.41	36.91	52.25	54.00	1.75
15870.00	46.67	PK	H	37.73	8.73	39.29	47.82	74.00	26.18
15870.00	32.61	AV	H	37.73	8.73	39.29	33.76	54.00	20.24
9685.00	45.35	PK	H	37.97	5.86	36.67	46.49	74.00	27.51
9685.00	32.06	AV	H	37.97	5.86	36.67	33.20	54.00	20.80

**Radio 0, 5250-5350MHz , Beamforming 4TX**

802.11a Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	77.68	PK	H	33.72	3.49	0.00	108.87	N/A	N/A
5260.00	67.37	AV	H	33.72	3.49	0.00	98.56	N/A	N/A
5260.00	66.84	PK	V	33.72	3.49	0.00	98.03	N/A	N/A
5260.00	56.86	AV	V	33.72	3.49	0.00	88.05	N/A	N/A
5150.00	27.52	PK	H	33.54	3.56	0.00	58.60	74.00	15.40
5150.00	14.98	AV	H	33.54	3.56	0.00	46.06	54.00	7.94
10520.00	63.39	PK	H	38.21	6.39	36.89	65.08	74.00	8.92
10520.00	50.58	AV	H	38.21	6.39	36.89	52.27	54.00	1.73
15780.00	46.45	PK	H	37.82	8.76	39.22	47.79	74.00	26.21
15780.00	32.79	AV	H	37.82	8.76	39.22	34.13	54.00	19.87
8921.00	45.19	PK	H	37.65	5.44	36.96	45.30	74.00	28.70
8921.00	32.23	AV	H	37.65	5.44	36.96	32.34	54.00	21.66
Middle Channel: 5300 MHz									
5300.00	77.51	PK	H	33.78	3.41	0.00	108.68	N/A	N/A
5300.00	67.31	AV	H	33.78	3.41	0.00	98.48	N/A	N/A
5300.00	66.89	PK	V	33.78	3.41	0.00	98.06	N/A	N/A
5300.00	56.58	AV	V	33.78	3.41	0.00	87.75	N/A	N/A
10600.00	63.07	PK	H	38.26	6.42	36.92	64.81	74.00	9.19
10600.00	50.02	AV	H	38.26	6.42	36.92	51.76	54.00	2.24
15900.00	46.64	PK	H	37.70	8.72	39.31	47.73	74.00	26.27
15900.00	33.47	AV	H	37.70	8.72	39.31	34.56	54.00	19.44
8995.00	46.36	PK	H	37.70	5.49	36.93	46.60	74.00	27.4
8995.00	32.03	AV	H	37.70	5.49	36.93	32.27	54.00	21.73
8666.00	45.53	PK	H	37.50	5.28	37.06	45.23	74.00	28.77
8666.00	32.44	AV	H	37.50	5.28	37.06	32.14	54.00	21.86
High Channel: 5320 MHz									
5320.00	77.75	PK	H	33.81	3.45	0.00	108.99	N/A	N/A
5320.00	67.31	AV	H	33.81	3.45	0.00	98.55	N/A	N/A
5320.00	66.72	PK	V	33.81	3.45	0.00	97.96	N/A	N/A
5320.00	56.93	AV	V	33.81	3.45	0.00	88.17	N/A	N/A
5350.00	27.46	PK	H	33.86	3.52	0.00	58.82	74.00	15.18
5350.00	14.81	AV	H	33.86	3.52	0.00	46.17	54.00	7.83
10640.00	63.28	PK	H	38.28	6.43	36.93	65.04	74.00	8.96
10640.00	50.72	AV	H	38.28	6.43	36.93	52.48	54.00	1.52
15960.00	46.46	PK	H	37.64	8.70	39.36	47.42	74.00	26.58
15960.00	32.91	AV	H	37.64	8.70	39.36	33.87	54.00	20.13
9655.00	45.32	PK	H	37.96	5.84	36.66	46.44	74.00	27.56
9655.00	31.93	AV	H	37.96	5.84	36.66	33.05	54.00	20.95

802.11n ht20 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	77.68	PK	H	33.72	3.49	0.00	108.87	N/A	N/A
5260.00	67.01	AV	H	33.72	3.49	0.00	98.20	N/A	N/A
5260.00	66.72	PK	V	33.72	3.49	0.00	97.91	N/A	N/A
5260.00	56.85	AV	V	33.72	3.49	0.00	88.04	N/A	N/A
5150.00	27.18	PK	H	33.54	3.56	0.00	58.26	74.00	15.74
5150.00	14.98	AV	H	33.54	3.56	0.00	46.06	54.00	7.94
10520.00	63.38	PK	H	38.21	6.39	36.89	65.07	74.00	8.93
10520.00	50.77	AV	H	38.21	6.39	36.89	52.46	54.00	1.54
15780.00	46.54	PK	H	37.82	8.76	39.22	47.88	74.00	26.12
15780.00	33.15	AV	H	37.82	8.76	39.22	34.49	54.00	19.51
9355.00	45.41	PK	H	37.84	5.67	36.70	46.20	74.00	27.80
9355.00	32.18	AV	H	37.84	5.67	36.70	32.97	54.00	21.03
Middle Channel: 5300 MHz									
5300.00	77.62	PK	H	33.78	3.41	0.00	108.79	N/A	N/A
5300.00	67.53	AV	H	33.78	3.41	0.00	98.70	N/A	N/A
5300.00	66.54	PK	V	33.78	3.41	0.00	97.71	N/A	N/A
5300.00	56.48	AV	V	33.78	3.41	0.00	87.65	N/A	N/A
10600.00	63.22	PK	H	38.26	6.42	36.92	64.96	74.00	9.04
10600.00	49.38	AV	H	38.26	6.42	36.92	51.12	54.00	2.88
15900.00	47.13	PK	H	37.70	8.72	39.31	48.22	74.00	25.78
15900.00	33.44	AV	H	37.70	8.72	39.31	34.53	54.00	19.47
8995.00	46.09	PK	H	37.70	5.49	36.93	46.33	74.00	27.67
8995.00	32.11	AV	H	37.70	5.49	36.93	32.35	54.00	21.65
9352.00	45.64	PK	H	37.84	5.67	36.70	46.43	74.00	27.57
9352.00	32.86	AV	H	37.84	5.67	36.70	33.65	54.00	20.35
High Channel: 5320 MHz									
5320.00	77.63	PK	H	33.81	3.45	0.00	108.87	N/A	N/A
5320.00	67.21	AV	H	33.81	3.45	0.00	98.45	N/A	N/A
5320.00	66.56	PK	V	33.81	3.45	0.00	97.80	N/A	N/A
5320.00	56.69	AV	V	33.81	3.45	0.00	87.93	N/A	N/A
5350.00	26.97	PK	H	33.86	3.52	0.00	58.33	74.00	15.67
5350.00	15.03	AV	H	33.86	3.52	0.00	46.39	54.00	7.61
10640.00	63.17	PK	H	38.28	6.43	36.93	64.93	74.00	9.07
10640.00	50.79	AV	H	38.28	6.43	36.93	52.55	54.00	1.45
15960.00	46.42	PK	H	37.64	8.70	39.36	47.38	74.00	26.62
15960.00	33.03	AV	H	37.64	8.70	39.36	33.99	54.00	20.01
9655.00	45.28	PK	H	37.96	5.84	36.66	46.40	74.00	27.60
9655.00	32.19	AV	H	37.96	5.84	36.66	33.31	54.00	20.69

802.11 ac20 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	77.72	PK	H	33.72	3.49	0.00	108.91	N/A	N/A
5260.00	67.18	AV	H	33.72	3.49	0.00	98.37	N/A	N/A
5260.00	66.47	PK	V	33.72	3.49	0.00	97.66	N/A	N/A
5260.00	56.55	AV	V	33.72	3.49	0.00	87.74	N/A	N/A
5150.00	27.43	PK	H	33.54	3.56	0.00	58.51	74.00	15.49
5150.00	14.78	AV	H	33.54	3.56	0.00	45.86	54.00	8.14
10520.00	63.61	PK	H	38.21	6.39	36.89	65.30	74.00	8.70
10520.00	50.56	AV	H	38.21	6.39	36.89	52.25	54.00	1.75
15780.00	46.77	PK	H	37.82	8.76	39.22	48.11	74.00	25.89
15780.00	32.87	AV	H	37.82	8.76	39.22	34.21	54.00	19.79
9355.00	45.29	PK	H	37.84	5.67	36.70	46.08	74.00	27.92
9355.00	32.03	AV	H	37.84	5.67	36.70	32.82	54.00	21.18
Middle Channel: 5300 MHz									
5300.00	77.54	PK	H	33.78	3.41	0.00	108.71	N/A	N/A
5300.00	67.27	AV	H	33.78	3.41	0.00	98.44	N/A	N/A
5300.00	66.94	PK	V	33.78	3.41	0.00	98.11	N/A	N/A
5300.00	56.54	AV	V	33.78	3.41	0.00	87.71	N/A	N/A
10600.00	62.92	PK	H	38.26	6.42	36.92	64.66	74.00	9.34
10600.00	50.12	AV	H	38.26	6.42	36.92	51.86	54.00	2.14
15900.00	46.61	PK	H	37.70	8.72	39.31	47.70	74.00	26.3
15900.00	33.28	AV	H	37.70	8.72	39.31	34.37	54.00	19.63
8995.00	46.48	PK	H	37.70	5.49	36.93	46.72	74.00	27.28
8995.00	32.19	AV	H	37.70	5.49	36.93	32.43	54.00	21.57
9352.00	45.57	PK	H	37.84	5.67	36.70	46.36	74.00	27.64
9352.00	32.39	AV	H	37.84	5.67	36.70	33.18	54.00	20.82
High Channel: 5320 MHz									
5320.00	77.74	PK	H	33.81	3.45	0.00	108.98	N/A	N/A
5320.00	66.98	AV	H	33.81	3.45	0.00	98.22	N/A	N/A
5320.00	66.65	PK	V	33.81	3.45	0.00	97.89	N/A	N/A
5320.00	56.71	AV	V	33.81	3.45	0.00	87.95	N/A	N/A
5350.00	27.08	PK	H	33.86	3.52	0.00	58.44	74.00	15.56
5350.00	14.75	AV	H	33.86	3.52	0.00	46.11	54.00	7.89
10640.00	63.08	PK	H	38.28	6.43	36.93	64.84	74.00	9.16
10640.00	50.63	AV	H	38.28	6.43	36.93	52.39	54.00	1.61
15960.00	46.53	PK	H	37.64	8.70	39.36	47.49	74.00	26.51
15960.00	32.94	AV	H	37.64	8.70	39.36	33.90	54.00	20.10
9655.00	45.45	PK	H	37.96	5.84	36.66	46.57	74.00	27.43
9655.00	32.11	AV	H	37.96	5.84	36.66	33.23	54.00	20.77

802.11 n ht40 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	73.13	PK	H	33.73	3.47	0.00	104.31	N/A	N/A
5270.00	63.39	AV	H	33.73	3.47	0.00	94.57	N/A	N/A
5270.00	58.78	PK	V	33.73	3.47	0.00	89.96	N/A	N/A
5270.00	48.65	AV	V	33.73	3.47	0.00	79.83	N/A	N/A
5150.00	28.19	PK	H	33.54	3.56	0.00	59.27	74.00	14.73
5150.00	14.35	AV	H	33.54	3.56	0.00	45.43	54.00	8.57
10540.00	63.16	PK	H	38.22	6.40	36.89	64.87	74.00	9.13
10540.00	49.92	AV	H	38.22	6.40	36.89	51.63	54.00	2.37
15810.00	46.24	PK	H	37.79	8.75	39.25	47.51	74.00	26.49
15810.00	32.62	AV	H	37.79	8.75	39.25	33.89	54.00	20.11
9355.00	44.86	PK	H	37.84	5.67	36.70	45.65	74.00	28.35
9355.00	32.45	AV	H	37.84	5.67	36.70	33.24	54.00	20.76
High Channel: 5310 MHz									
5310.00	73.17	PK	H	33.80	3.43	0.00	104.38	N/A	N/A
5310.00	63.26	AV	H	33.80	3.43	0.00	94.47	N/A	N/A
5310.00	58.98	PK	V	33.80	3.43	0.00	90.19	N/A	N/A
5310.00	48.52	AV	V	33.80	3.43	0.00	79.73	N/A	N/A
5350.00	28.18	PK	H	33.86	3.52	0.00	59.54	74.00	14.46
5350.00	14.45	AV	H	33.86	3.52	0.00	45.81	54.00	8.19
10620.00	63.28	PK	H	38.27	6.43	36.92	65.04	74.00	8.96
10620.00	49.69	AV	H	38.27	6.43	36.92	51.45	54.00	2.55
15930.00	45.96	PK	H	37.67	8.71	39.34	46.98	74.00	27.02
15930.00	32.59	AV	H	37.67	8.71	39.34	33.61	54.00	20.39
9655.00	44.89	PK	H	37.96	5.84	36.66	46.01	74.00	27.99
9655.00	32.67	AV	H	37.96	5.84	36.66	33.79	54.00	20.21

802.11 ac40 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	73.09	PK	H	33.73	3.47	0.00	104.27	N/A	N/A
5270.00	63.69	AV	H	33.73	3.47	0.00	94.87	N/A	N/A
5270.00	58.54	PK	V	33.73	3.47	0.00	89.72	N/A	N/A
5270.00	48.68	AV	V	33.73	3.47	0.00	79.86	N/A	N/A
5150.00	28.13	PK	H	33.54	3.56	0.00	59.21	74.00	14.79
5150.00	14.19	AV	H	33.54	3.56	0.00	45.27	54.00	8.73
10540.00	63.03	PK	H	38.22	6.40	36.89	64.74	74.00	9.26
10540.00	49.64	AV	H	38.22	6.40	36.89	51.35	54.00	2.65
15810.00	46.48	PK	H	37.79	8.75	39.25	47.75	74.00	26.25
15810.00	32.72	AV	H	37.79	8.75	39.25	33.99	54.00	20.01
9355.00	45.14	PK	H	37.84	5.67	36.70	45.93	74.00	28.07
9355.00	32.24	AV	H	37.84	5.67	36.70	33.03	54.00	20.97
High Channel: 5310 MHz									
5310.00	72.97	PK	H	33.80	3.43	0.00	104.18	N/A	N/A
5310.00	63.42	AV	H	33.80	3.43	0.00	94.63	N/A	N/A
5310.00	59.06	PK	V	33.80	3.43	0.00	90.27	N/A	N/A
5310.00	48.74	AV	V	33.80	3.43	0.00	79.95	N/A	N/A
5350.00	28.42	PK	H	33.86	3.52	0.00	59.78	74.00	14.22
5350.00	14.28	AV	H	33.86	3.52	0.00	45.64	54.00	8.36
10620.00	63.22	PK	H	38.27	6.43	36.92	64.98	74.00	9.02
10620.00	50.15	AV	H	38.27	6.43	36.92	51.91	54.00	2.09
15930.00	46.43	PK	H	37.67	8.71	39.34	47.45	74.00	26.55
15930.00	32.74	AV	H	37.67	8.71	39.34	33.76	54.00	20.24
9655.00	45.18	PK	H	37.96	5.84	36.66	46.30	74.00	27.70
9655.00	32.39	AV	H	37.96	5.84	36.66	33.51	54.00	20.49

802.11 ac80 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	68.21	PK	H	33.76	3.43	0.00	99.38	N/A	N/A
5290.00	58.72	AV	H	33.76	3.43	0.00	89.89	N/A	N/A
5290.00	58.17	PK	V	33.76	3.43	0.00	89.34	N/A	N/A
5290.00	47.69	AV	V	33.76	3.43	0.00	78.86	N/A	N/A
5150.00	27.91	PK	H	33.54	3.56	0.00	58.99	74.00	15.01
5150.00	14.46	AV	H	33.54	3.56	0.00	45.54	54.00	8.46
5350.00	27.77	PK	H	33.86	3.52	0.00	59.13	74.00	14.87
5350.00	15.31	AV	H	33.86	3.52	0.00	46.67	54.00	7.33
10580.00	63.05	PK	H	38.25	6.41	36.91	64.78	74.00	9.22
10580.00	50.04	AV	H	38.25	6.41	36.91	51.77	54.00	2.23
15870.00	46.74	PK	H	37.73	8.73	39.29	47.89	74.00	26.11
15870.00	32.86	AV	H	37.73	8.73	39.29	34.01	54.00	19.99
9685.00	45.17	PK	H	37.97	5.86	36.67	46.31	74.00	27.69
9685.00	32.33	AV	H	37.97	5.86	36.67	33.47	54.00	20.53

**Radio 0,Non-beamforming, AC80+80 Mode:**

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
5210+5290MHz: Chain 0+chain 2									
5250.00	55.06	PK	V	33.70	3.51	0.00	86.25	N/A	N/A
5250.00	45.13	AV	V	33.70	3.51	0.00	76.32	N/A	N/A
5250.00	63.65	PK	H	33.70	3.51	0.00	94.84	N/A	N/A
5250.00	53.37	AV	H	33.70	3.51	0.00	84.56	N/A	N/A
5150.00	28.96	PK	H	33.54	3.56	0.00	60.04	74.00	13.96
5150.00	18.31	AV	H	33.54	3.56	0.00	49.39	54.00	4.61
5350.00	28.2	PK	H	33.86	3.52	0.00	59.56	74.00	14.44
5350.00	17.88	AV	H	33.86	3.52	0.00	49.24	54.00	4.76
10500.00	47.15	PK	H	38.20	6.38	36.88	48.83	74.00	25.17
10500.00	33.64	AV	H	38.20	6.38	36.88	35.32	54.00	18.68
15750.00	46.14	PK	H	37.85	8.78	39.20	47.55	74.00	26.45
15750.00	33.84	AV	H	37.85	8.78	39.20	35.25	54.00	18.75
8129.00	45.63	PK	H	36.95	4.87	36.82	44.61	74.00	29.39
8129.00	32.32	AV	H	36.95	4.87	36.82	31.30	54.00	22.70
5210+5290MHz: Chain 1+chain 3									
5250.00	53.17	PK	V	33.70	3.51	0.00	84.36	N/A	N/A
5250.00	43.01	AV	V	33.70	3.51	0.00	74.20	N/A	N/A
5250.00	61.52	PK	H	33.70	3.51	0.00	92.71	N/A	N/A
5250.00	51.38	AV	H	33.70	3.51	0.00	82.57	N/A	N/A
5150.00	28.82	PK	H	33.54	3.56	0.00	59.90	74.00	14.10
5150.00	18.5	AV	H	33.54	3.56	0.00	49.58	54.00	4.42
5350.00	28.22	PK	H	33.86	3.52	0.00	59.58	74.00	14.42
5350.00	17.69	AV	H	33.86	3.52	0.00	49.05	54.00	4.95
10500.00	47.45	PK	H	38.20	6.38	36.88	49.13	74.00	24.87
10500.00	33.43	AV	H	38.20	6.38	36.88	35.11	54.00	18.89
15750.00	45.91	PK	H	37.85	8.78	39.20	47.32	74.00	26.68
15750.00	33.49	AV	H	37.85	8.78	39.20	34.90	54.00	19.10
7141.00	45.31	PK	H	35.57	4.93	37.15	42.64	74.00	31.36
7141.00	32.43	AV	H	35.57	4.93	37.15	29.76	54.00	24.24



**Radio 0, Beamforming 5150~5350MHz, AC80+80 Mode:**

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
5210+5290MHz: Chain 0+chain 2									
5250.00	53.47	PK	V	33.70	3.51	0.00	84.66	N/A	N/A
5250.00	46.04	AV	V	33.70	3.51	0.00	77.23	N/A	N/A
5250.00	60.94	PK	H	33.70	3.51	0.00	92.13	N/A	N/A
5250.00	52.37	AV	H	33.70	3.51	0.00	83.56	N/A	N/A
5150.00	26.66	PK	H	33.54	3.56	0.00	57.74	74.00	16.26
5150.00	17.75	AV	H	33.54	3.56	0.00	48.83	54.00	5.17
5350.00	31.37	PK	H	33.86	3.52	0.00	62.73	74.00	11.27
5350.00	17.12	AV	H	33.86	3.52	0.00	48.48	54.00	5.52
10500.00	46.72	PK	H	38.20	6.38	36.88	48.40	74.00	25.60
10500.00	34.02	AV	H	38.20	6.38	36.88	35.70	54.00	18.30
15750.00	45.05	PK	H	37.85	8.78	39.20	46.46	74.00	27.54
15750.00	31.74	AV	H	37.85	8.78	39.20	33.15	54.00	20.85
8435.00	44.63	PK	H	37.32	5.12	37.07	43.98	74.00	30.02
8435.00	35.15	AV	H	37.32	5.12	37.07	34.50	54.00	19.50
5210+5290MHz: Chain 1+chain 3									
5250.00	51.49	PK	V	33.70	3.51	0.00	82.68	N/A	N/A
5250.00	40.92	AV	V	33.70	3.51	0.00	72.11	N/A	N/A
5250.00	61.79	PK	H	33.70	3.51	0.00	92.98	N/A	N/A
5250.00	49.56	AV	H	33.70	3.51	0.00	80.75	N/A	N/A
5150.00	28.66	PK	H	33.54	3.56	0.00	59.74	74.00	14.26
5150.00	18.66	AV	H	33.54	3.56	0.00	49.74	54.00	4.26
5350.00	29.53	PK	H	33.86	3.52	0.00	60.89	74.00	13.11
5350.00	15.14	AV	H	33.86	3.52	0.00	46.50	54.00	7.50
10500.00	46.59	PK	H	38.20	6.38	36.88	48.27	74.00	25.73
10500.00	30.25	AV	H	38.20	6.38	36.88	31.93	54.00	22.07
15750.00	46.21	PK	H	37.85	8.78	39.20	47.62	74.00	26.38
15750.00	35.61	AV	H	37.85	8.78	39.20	37.02	54.00	16.98
8468.00	48.15	PK	H	37.36	5.14	37.09	47.54	74.00	26.46
8468.00	33.19	AV	H	37.36	5.14	37.09	32.58	54.00	21.42

**Radio 1, 5250-5350MHz, SISO:**  
802.11a Mode(Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	67.67	PK	H	33.72	3.49	0.00	98.86	N/A	N/A
5260.00	57.39	AV	H	33.72	3.49	0.00	88.58	N/A	N/A
5260.00	74.28	PK	V	33.72	3.49	0.00	105.47	N/A	N/A
5260.00	64.52	AV	V	33.72	3.49	0.00	95.71	N/A	N/A
5150.00	27.76	PK	V	33.54	3.56	0.00	58.84	74.00	15.16
5150.00	13.85	AV	V	33.54	3.56	0.00	44.93	54.00	9.07
10520.00	47.59	PK	V	38.21	6.39	36.89	49.28	74.00	24.72
10520.00	32.56	AV	V	38.21	6.39	36.89	34.25	54.00	19.75
15780.00	46.23	PK	V	37.82	8.76	39.22	47.57	74.00	26.43
15780.00	32.38	AV	V	37.82	8.76	39.22	33.72	54.00	20.28
9355.00	45.71	PK	V	37.84	5.67	36.70	46.50	74.00	27.50
9355.00	31.49	AV	V	37.84	5.67	36.70	32.28	54.00	21.72
Middle Channel: 5300 MHz									
5300.00	67.85	PK	H	33.78	3.41	0.00	99.02	N/A	N/A
5300.00	57.43	AV	H	33.78	3.41	0.00	88.60	N/A	N/A
5300.00	74.52	PK	V	33.78	3.41	0.00	105.69	N/A	N/A
5300.00	64.35	AV	V	33.78	3.41	0.00	95.52	N/A	N/A
10600.00	48.04	PK	V	38.26	6.42	36.92	49.78	74.00	24.22
10600.00	32.52	AV	V	38.26	6.42	36.92	34.26	54.00	19.74
15900.00	47.38	PK	V	37.70	8.72	39.31	48.47	74.00	25.53
15900.00	32.44	AV	V	37.70	8.72	39.31	33.53	54.00	20.47
8995.00	46.61	PK	V	37.70	5.49	36.93	46.85	74.00	27.15
8995.00	32.28	AV	V	37.70	5.49	36.93	32.52	54.00	21.48
9352.00	45.56	PK	V	37.84	5.67	36.70	46.35	74.00	27.65
9352.00	31.92	AV	V	37.84	5.67	36.70	32.71	54.00	21.29
High Channel: 5320 MHz									
5320.00	67.93	PK	H	33.81	3.45	0.00	99.17	N/A	N/A
5320.00	57.84	AV	H	33.81	3.45	0.00	89.08	N/A	N/A
5320.00	74.67	PK	V	33.81	3.45	0.00	105.91	N/A	N/A
5320.00	64.85	AV	V	33.81	3.45	0.00	96.09	N/A	N/A
5350.00	26.89	PK	V	33.86	3.52	0.00	58.25	74.00	15.75
5350.00	14.32	AV	V	33.86	3.52	0.00	45.68	54.00	8.32
10640.00	47.66	PK	V	38.28	6.43	36.93	49.42	74.00	24.58
10640.00	32.35	AV	V	38.28	6.43	36.93	34.11	54.00	19.89
15960.00	46.36	PK	V	37.64	8.70	39.36	47.32	74.00	26.68
15960.00	32.59	AV	V	37.64	8.70	39.36	33.55	54.00	20.45
9655.00	45.73	PK	V	37.96	5.84	36.66	46.85	74.00	27.15
9655.00	31.49	AV	V	37.96	5.84	36.66	32.61	54.00	21.39

802.11n ht20 Mode (Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	66.75	PK	H	33.72	3.49	0.00	97.94	N/A	N/A
5260.00	56.84	AV	H	33.72	3.49	0.00	88.03	N/A	N/A
5260.00	73.62	PK	V	33.72	3.49	0.00	104.81	N/A	N/A
5260.00	63.76	AV	V	33.72	3.49	0.00	94.95	N/A	N/A
5150.00	28.37	PK	V	33.54	3.56	0.00	59.45	74.00	14.55
5150.00	14.53	AV	V	33.54	3.56	0.00	45.61	54.00	8.39
10520.00	47.62	PK	V	38.21	6.39	36.89	49.31	74.00	24.69
10520.00	32.45	AV	V	38.21	6.39	36.89	34.14	54.00	19.86
15780.00	46.35	PK	V	37.82	8.76	39.22	47.69	74.00	26.31
15780.00	32.39	AV	V	37.82	8.76	39.22	33.73	54.00	20.27
9355.00	45.78	PK	V	37.84	5.67	36.70	46.57	74.00	27.43
9355.00	31.63	AV	V	37.84	5.67	36.70	32.42	54.00	21.58
Middle Channel: 5300 MHz									
5300.00	66.59	PK	H	33.75	3.45	0.00	97.77	N/A	N/A
5300.00	56.38	AV	H	33.75	3.45	0.00	87.56	N/A	N/A
5300.00	73.54	PK	V	33.75	3.45	0.00	104.72	N/A	N/A
5300.00	63.35	AV	V	33.75	3.45	0.00	94.53	N/A	N/A
10560.00	47.86	PK	V	38.24	6.40	36.90	49.58	74.00	24.42
10560.00	32.53	AV	V	38.24	6.40	36.90	34.25	54.00	19.75
15840.00	47.26	PK	V	37.76	8.74	39.27	48.47	74.00	25.53
15840.00	32.28	AV	V	37.76	8.74	39.27	33.49	54.00	20.51
8995.00	46.48	PK	V	37.70	5.49	36.93	46.72	74.00	27.28
8995.00	32.15	AV	V	37.70	5.49	36.93	32.39	54.00	21.61
9352.00	45.62	PK	V	37.84	5.67	36.70	46.41	74.00	27.59
9352.00	31.75	AV	V	37.84	5.67	36.70	32.54	54.00	21.46
High Channel: 5320 MHz									
5320.00	66.95	PK	H	33.81	3.45	0.00	98.19	N/A	N/A
5320.00	56.87	AV	H	33.81	3.45	0.00	88.11	N/A	N/A
5320.00	74.32	PK	V	33.81	3.45	0.00	105.56	N/A	N/A
5320.00	64.57	AV	V	33.81	3.45	0.00	95.81	N/A	N/A
5350.00	26.18	PK	V	33.86	3.52	0.00	57.54	74.00	16.46
5350.00	14.16	AV	V	33.86	3.52	0.00	45.52	54.00	8.48
10640.00	47.43	PK	V	38.28	6.43	36.93	49.19	74.00	24.81
10640.00	32.64	AV	V	38.28	6.43	36.93	34.40	54.00	19.60
15960.00	46.29	PK	V	37.64	8.70	39.36	47.25	74.00	26.75
15960.00	32.23	AV	V	37.64	8.70	39.36	33.19	54.00	20.81
9655.00	45.76	PK	V	37.96	5.84	36.66	46.88	74.00	27.12
9655.00	31.48	AV	V	37.96	5.84	36.66	32.60	54.00	21.40

802.11 ac20 Mode(Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	67.53	PK	H	33.72	3.49	0.00	98.72	N/A	N/A
5260.00	57.28	AV	H	33.72	3.49	0.00	88.47	N/A	N/A
5260.00	73.69	PK	V	33.72	3.49	0.00	104.88	N/A	N/A
5260.00	63.57	AV	V	33.72	3.49	0.00	94.76	N/A	N/A
5150.00	27.84	PK	V	33.54	3.56	0.00	58.92	74.00	15.08
5150.00	14.52	AV	V	33.54	3.56	0.00	45.60	54.00	8.40
10520.00	47.63	PK	V	38.21	6.39	36.89	49.32	74.00	24.68
10520.00	32.39	AV	V	38.21	6.39	36.89	34.08	54.00	19.92
15780.00	46.28	PK	V	37.82	8.76	39.22	47.62	74.00	26.38
15780.00	32.22	AV	V	37.82	8.76	39.22	33.56	54.00	20.44
9355.00	45.83	PK	V	37.84	5.67	36.70	46.62	74.00	27.38
9355.00	31.55	AV	V	37.84	5.67	36.70	32.34	54.00	21.66
Middle Channel: 5300 MHz									
5300.00	66.71	PK	H	33.75	3.45	0.00	97.89	N/A	N/A
5300.00	56.23	AV	H	33.75	3.45	0.00	87.41	N/A	N/A
5300.00	73.52	PK	V	33.75	3.45	0.00	104.70	N/A	N/A
5300.00	63.38	AV	V	33.75	3.45	0.00	94.56	N/A	N/A
10560.00	47.83	PK	V	38.24	6.40	36.90	49.55	74.00	24.45
10560.00	32.42	AV	V	38.24	6.40	36.90	34.14	54.00	19.86
15840.00	47.08	PK	V	37.76	8.74	39.27	48.29	74.00	25.71
15840.00	32.13	AV	V	37.76	8.74	39.27	33.34	54.00	20.66
8995.00	46.65	PK	V	37.70	5.49	36.93	46.89	74.00	27.11
8995.00	32.26	AV	V	37.70	5.49	36.93	32.50	54.00	21.5
9352.00	45.68	PK	V	37.84	5.67	36.70	46.47	74.00	27.53
9352.00	31.94	AV	V	37.84	5.67	36.70	32.73	54.00	21.27
High Channel: 5320 MHz									
5320.00	66.86	PK	H	33.81	3.45	0.00	98.10	N/A	N/A
5320.00	56.82	AV	H	33.81	3.45	0.00	88.06	N/A	N/A
5320.00	74.45	PK	V	33.81	3.45	0.00	105.69	N/A	N/A
5320.00	64.38	AV	V	33.81	3.45	0.00	95.62	N/A	N/A
5350.00	26.11	PK	V	33.86	3.52	0.00	57.47	74.00	16.53
5350.00	14.23	AV	V	33.86	3.52	0.00	45.59	54.00	8.41
10640.00	47.47	PK	V	38.28	6.43	36.93	49.23	74.00	24.77
10640.00	32.75	AV	V	38.28	6.43	36.93	34.51	54.00	19.49
15960.00	46.25	PK	V	37.64	8.70	39.36	47.21	74.00	26.79
15960.00	32.04	AV	V	37.64	8.70	39.36	33.00	54.00	21.00
9655.00	45.73	PK	V	37.96	5.84	36.66	46.85	74.00	27.15
9655.00	31.33	AV	V	37.96	5.84	36.66	32.45	54.00	21.55

802.11 n ht40 Mode(Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	63.49	PK	H	33.73	3.47	0.00	94.67	N/A	N/A
5270.00	53.82	AV	H	33.73	3.47	0.00	85.00	N/A	N/A
5270.00	70.68	PK	V	33.73	3.47	0.00	101.86	N/A	N/A
5270.00	60.75	AV	V	33.73	3.47	0.00	91.93	N/A	N/A
5150.00	28.43	PK	V	33.54	3.56	0.00	59.51	74.00	14.49
5150.00	14.64	AV	V	33.54	3.56	0.00	45.72	54.00	8.28
10540.00	47.82	PK	V	38.22	6.40	36.89	49.53	74.00	24.47
10540.00	32.63	AV	V	38.22	6.40	36.89	34.34	54.00	19.66
15810.00	46.33	PK	V	37.79	8.75	39.25	47.60	74.00	26.40
15810.00	32.38	AV	V	37.79	8.75	39.25	33.65	54.00	20.35
9355.00	45.79	PK	V	37.84	5.67	36.70	46.58	74.00	27.42
9355.00	31.68	AV	V	37.84	5.67	36.70	32.47	54.00	21.53
High Channel: 5310 MHz									
5310.00	63.85	PK	H	33.80	3.43	0.00	95.06	N/A	N/A
5310.00	53.94	AV	H	33.80	3.43	0.00	85.15	N/A	N/A
5310.00	71.67	PK	V	33.80	3.43	0.00	102.88	N/A	N/A
5310.00	61.59	AV	V	33.80	3.43	0.00	92.80	N/A	N/A
5350.00	29.34	PK	V	33.86	3.52	0.00	60.70	74.00	13.30
5350.00	14.58	AV	V	33.86	3.52	0.00	45.94	54.00	8.06
10620.00	47.65	PK	V	38.27	6.43	36.92	49.41	74.00	24.59
10620.00	32.35	AV	V	38.27	6.43	36.92	34.11	54.00	19.89
15930.00	46.33	PK	V	37.67	8.71	39.34	47.35	74.00	26.65
15930.00	32.49	AV	V	37.67	8.71	39.34	33.51	54.00	20.49
9655.00	45.61	PK	V	37.96	5.84	36.66	46.73	74.00	27.27
9655.00	31.83	AV	V	37.96	5.84	36.66	32.95	54.00	21.05

802.11 ac40 Mode(Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	63.49	PK	H	33.73	3.47	0.00	94.67	N/A	N/A
5270.00	53.88	AV	H	33.73	3.47	0.00	85.06	N/A	N/A
5270.00	70.75	PK	V	33.73	3.47	0.00	101.93	N/A	N/A
5270.00	60.78	AV	V	33.73	3.47	0.00	91.96	N/A	N/A
5150.00	28.34	PK	V	33.54	3.56	0.00	59.42	74.00	14.58
5150.00	14.57	AV	V	33.54	3.56	0.00	45.65	54.00	8.35
10540.00	47.88	PK	V	38.22	6.40	36.89	49.59	74.00	24.41
10540.00	32.53	AV	V	38.22	6.40	36.89	34.24	54.00	19.76
15810.00	46.27	PK	V	37.79	8.75	39.25	47.54	74.00	26.46
15810.00	32.41	AV	V	37.79	8.75	39.25	33.68	54.00	20.32
9355.00	45.74	PK	V	37.84	5.67	36.70	46.53	74.00	27.47
9355.00	31.75	AV	V	37.84	5.67	36.70	32.54	54.00	21.46
High Channel: 5310 MHz									
5310.00	63.48	PK	H	33.80	3.43	0.00	94.69	N/A	N/A
5310.00	53.67	AV	H	33.80	3.43	0.00	84.88	N/A	N/A
5310.00	70.65	PK	V	33.80	3.43	0.00	101.86	N/A	N/A
5310.00	60.59	AV	V	33.80	3.43	0.00	91.80	N/A	N/A
5350.00	28.17	PK	V	33.86	3.52	0.00	59.53	74.00	14.47
5350.00	14.53	AV	V	33.86	3.52	0.00	45.89	54.00	8.11
10620.00	47.91	PK	V	38.27	6.43	36.92	49.67	74.00	24.33
10620.00	32.73	AV	V	38.27	6.43	36.92	34.49	54.00	19.51
15930.00	46.29	PK	V	37.67	8.71	39.34	47.31	74.00	26.69
15930.00	32.29	AV	V	37.67	8.71	39.34	33.31	54.00	20.69
9655.00	45.69	PK	V	37.96	5.84	36.66	46.81	74.00	27.19
9655.00	31.72	AV	V	37.96	5.84	36.66	32.84	54.00	21.16

802.11 ac80 Mode (Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	60.39	PK	H	33.76	3.43	0.00	91.56	N/A	N/A
5290.00	50.46	AV	H	33.76	3.43	0.00	81.63	N/A	N/A
5290.00	67.58	PK	V	33.76	3.43	0.00	98.75	N/A	N/A
5290.00	57.62	AV	V	33.76	3.43	0.00	88.79	N/A	N/A
5150.00	27.76	PK	V	33.54	3.56	0.00	58.84	74.00	15.16
5150.00	13.48	AV	V	33.54	3.56	0.00	44.56	54.00	9.44
5350.00	28.59	PK	V	33.86	3.52	0.00	59.95	74.00	14.05
5350.00	14.63	AV	V	33.86	3.52	0.00	45.99	54.00	8.01
10580.00	47.38	PK	V	38.25	6.41	36.91	49.11	74.00	24.89
10580.00	32.56	AV	V	38.25	6.41	36.91	34.29	54.00	19.71
15870.00	46.75	PK	V	37.73	8.73	39.29	47.90	74.00	26.10
15870.00	32.43	AV	V	37.73	8.73	39.29	33.58	54.00	20.42
9685.00	45.83	PK	V	37.97	5.86	36.67	46.97	74.00	27.03
9685.00	31.62	AV	V	37.97	5.86	36.67	32.76	54.00	21.24

**Radio 1, 5250-5350MHz, Non-beamforming 2TX**

802.11a Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	69.26	PK	H	33.72	3.49	0.00	100.45	N/A	N/A
5260.00	59.34	AV	H	33.72	3.49	0.00	90.53	N/A	N/A
5260.00	75.82	PK	V	33.72	3.49	0.00	107.01	N/A	N/A
5260.00	64.59	AV	V	33.72	3.49	0.00	95.78	N/A	N/A
5150.00	27.62	PK	V	33.54	3.56	0.00	58.70	74.00	15.30
5150.00	13.45	AV	V	33.54	3.56	0.00	44.53	54.00	9.47
10520.00	47.25	PK	V	38.21	6.39	36.89	48.94	74.00	25.06
10520.00	32.61	AV	V	38.21	6.39	36.89	34.30	54.00	19.70
15780.00	46.25	PK	V	37.82	8.76	39.22	47.59	74.00	26.41
15780.00	31.91	AV	V	37.82	8.76	39.22	33.25	54.00	20.75
9355.00	45.94	PK	V	37.84	5.67	36.70	46.73	74.00	27.27
9355.00	31.36	AV	V	37.84	5.67	36.70	32.15	54.00	21.85
Middle Channel: 5300 MHz									
5300.00	69.85	PK	H	33.78	3.41	0.00	101.02	N/A	N/A
5300.00	58.43	AV	H	33.78	3.41	0.00	89.60	N/A	N/A
5300.00	76.52	PK	V	33.78	3.41	0.00	107.69	N/A	N/A
5300.00	66.35	AV	V	33.78	3.41	0.00	97.52	N/A	N/A
10600.00	47.95	PK	V	38.26	6.42	36.92	49.69	74.00	24.31
10600.00	32.28	AV	V	38.26	6.42	36.92	34.02	54.00	19.98
15900.00	47.36	PK	V	37.70	8.72	39.31	48.45	74.00	25.55
15900.00	32.53	AV	V	37.70	8.72	39.31	33.62	54.00	20.38
8995.00	46.62	PK	V	37.70	5.49	36.93	46.86	74.00	27.14
8995.00	32.13	AV	V	37.70	5.49	36.93	32.37	54.00	21.63
9352.00	45.31	PK	V	37.84	5.67	36.70	46.10	74.00	27.9
9352.00	31.69	AV	V	37.84	5.67	36.70	32.48	54.00	21.52
High Channel: 5320 MHz									
5320.00	70.78	PK	H	33.81	3.45	0.00	102.02	N/A	N/A
5320.00	60.45	AV	H	33.81	3.45	0.00	91.69	N/A	N/A
5320.00	77.06	PK	V	33.81	3.45	0.00	108.30	N/A	N/A
5320.00	67.38	AV	V	33.81	3.45	0.00	98.62	N/A	N/A
5350.00	26.67	PK	V	33.86	3.52	0.00	58.03	74.00	15.97
5350.00	14.38	AV	V	33.86	3.52	0.00	45.74	54.00	8.26
10640.00	47.31	PK	V	38.28	6.43	36.93	49.07	74.00	24.93
10640.00	32.75	AV	V	38.28	6.43	36.93	34.51	54.00	19.49
15960.00	46.36	PK	V	37.64	8.70	39.36	47.32	74.00	26.68
15960.00	32.21	AV	V	37.64	8.70	39.36	33.17	54.00	20.83
9655.00	45.54	PK	V	37.96	5.84	36.66	46.66	74.00	27.34
9655.00	31.35	AV	V	37.96	5.84	36.66	32.47	54.00	21.53

802.11n ht20 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	68.66	PK	H	33.72	3.49	0.00	99.85	N/A	N/A
5260.00	59.03	AV	H	33.72	3.49	0.00	90.22	N/A	N/A
5260.00	76.45	PK	V	33.72	3.49	0.00	107.64	N/A	N/A
5260.00	66.72	AV	V	33.72	3.49	0.00	97.91	N/A	N/A
5150.00	28.37	PK	V	33.54	3.56	0.00	59.45	74.00	14.55
5150.00	14.41	AV	V	33.54	3.56	0.00	45.49	54.00	8.51
10520.00	47.35	PK	V	38.21	6.39	36.89	49.04	74.00	24.96
10520.00	32.64	AV	V	38.21	6.39	36.89	34.33	54.00	19.67
15780.00	46.31	PK	V	37.82	8.76	39.22	47.65	74.00	26.35
15780.00	31.99	AV	V	37.82	8.76	39.22	33.33	54.00	20.67
9355.00	45.68	PK	V	37.84	5.67	36.70	46.47	74.00	27.53
9355.00	31.43	AV	V	37.84	5.67	36.70	32.22	54.00	21.78
Middle Channel: 5300 MHz									
5280.00	68.67	PK	H	33.75	3.45	0.00	99.85	N/A	N/A
5280.00	58.32	AV	H	33.75	3.45	0.00	89.50	N/A	N/A
5280.00	76.46	PK	V	33.75	3.45	0.00	107.64	N/A	N/A
5280.00	66.27	AV	V	33.75	3.45	0.00	97.45	N/A	N/A
10560.00	48.02	PK	V	38.24	6.40	36.90	49.74	74.00	24.26
10560.00	32.41	AV	V	38.24	6.40	36.90	34.13	54.00	19.87
15840.00	47.24	PK	V	37.76	8.74	39.27	48.45	74.00	25.55
15840.00	32.44	AV	V	37.76	8.74	39.27	33.65	54.00	20.35
8995.00	46.57	PK	V	37.70	5.49	36.93	46.81	74.00	27.19
8995.00	31.97	AV	V	37.70	5.49	36.93	32.21	54.00	21.79
9352.00	45.46	PK	V	37.84	5.67	36.70	46.25	74.00	27.75
9352.00	31.67	AV	V	37.84	5.67	36.70	32.46	54.00	21.54
High Channel: 5320 MHz									
5320.00	68.86	PK	H	33.81	3.45	0.00	100.10	N/A	N/A
5320.00	58.88	AV	H	33.81	3.45	0.00	90.12	N/A	N/A
5320.00	77.43	PK	V	33.81	3.45	0.00	108.67	N/A	N/A
5320.00	67.35	AV	V	33.81	3.45	0.00	98.59	N/A	N/A
5350.00	26.36	PK	V	33.86	3.52	0.00	57.72	74.00	16.28
5350.00	14.01	AV	V	33.86	3.52	0.00	45.37	54.00	8.63
10640.00	47.32	PK	V	38.28	6.43	36.93	49.08	74.00	24.92
10640.00	32.63	AV	V	38.28	6.43	36.93	34.39	54.00	19.61
15960.00	46.44	PK	V	37.64	8.70	39.36	47.40	74.00	26.60
15960.00	32.03	AV	V	37.64	8.70	39.36	32.99	54.00	21.01
9655.00	45.74	PK	V	37.96	5.84	36.66	46.86	74.00	27.14
9655.00	31.48	AV	V	37.96	5.84	36.66	32.60	54.00	21.40



802.11 ac20 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	68.62	PK	H	33.72	3.49	0.00	99.81	N/A	N/A
5260.00	58.96	AV	H	33.72	3.49	0.00	90.15	N/A	N/A
5260.00	76.31	PK	V	33.72	3.49	0.00	107.50	N/A	N/A
5260.00	66.74	AV	V	33.72	3.49	0.00	97.93	N/A	N/A
5150.00	28.38	PK	V	33.54	3.56	0.00	59.46	74.00	14.54
5150.00	14.59	AV	V	33.54	3.56	0.00	45.67	54.00	8.33
10520.00	47.78	PK	V	38.21	6.39	36.89	49.47	74.00	24.53
10520.00	32.18	AV	V	38.21	6.39	36.89	33.87	54.00	20.13
15780.00	46.27	PK	V	37.82	8.76	39.22	47.61	74.00	26.39
15780.00	32.22	AV	V	37.82	8.76	39.22	33.56	54.00	20.44
9355.00	45.66	PK	V	37.84	5.67	36.70	46.45	74.00	27.55
9355.00	31.82	AV	V	37.84	5.67	36.70	32.61	54.00	21.39
Middle Channel: 5300 MHz									
5300.00	68.54	PK	H	33.75	3.45	0.00	99.72	N/A	N/A
5300.00	58.36	AV	H	33.75	3.45	0.00	89.54	N/A	N/A
5300.00	76.59	PK	V	33.75	3.45	0.00	107.77	N/A	N/A
5300.00	66.32	AV	V	33.75	3.45	0.00	97.50	N/A	N/A
10560.00	48.19	PK	V	38.24	6.40	36.90	49.91	74.00	24.09
10560.00	32.58	AV	V	38.24	6.40	36.90	34.30	54.00	19.7
15840.00	47.36	PK	V	37.76	8.74	39.27	48.57	74.00	25.43
15840.00	32.47	AV	V	37.76	8.74	39.27	33.68	54.00	20.32
8995.00	46.69	PK	V	37.70	5.49	36.93	46.93	74.00	27.07
8995.00	31.78	AV	V	37.70	5.49	36.93	32.02	54.00	21.98
9352.00	45.54	PK	V	37.84	5.67	36.70	46.33	74.00	27.67
9352.00	31.52	AV	V	37.84	5.67	36.70	32.31	54.00	21.69
High Channel: 5320 MHz									
5320.00	68.17	PK	H	33.81	3.45	0.00	99.41	N/A	N/A
5320.00	58.36	AV	H	33.81	3.45	0.00	89.60	N/A	N/A
5320.00	76.59	PK	V	33.81	3.45	0.00	107.83	N/A	N/A
5320.00	66.45	AV	V	33.81	3.45	0.00	97.69	N/A	N/A
5350.00	27.43	PK	V	33.86	3.52	0.00	58.79	74.00	15.21
5350.00	14.39	AV	V	33.86	3.52	0.00	45.75	54.00	8.25
10640.00	47.41	PK	V	38.28	6.43	36.93	49.17	74.00	24.83
10640.00	32.71	AV	V	38.28	6.43	36.93	34.47	54.00	19.53
15960.00	46.24	PK	V	37.64	8.70	39.36	47.20	74.00	26.80
15960.00	32.18	AV	V	37.64	8.70	39.36	33.14	54.00	20.86
9655.00	45.89	PK	V	37.96	5.84	36.66	47.01	74.00	26.99
9655.00	31.45	AV	V	37.96	5.84	36.66	32.57	54.00	21.43

802.11 n ht40 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	66.32	PK	H	33.73	3.47	0.00	97.50	N/A	N/A
5270.00	56.04	AV	H	33.73	3.47	0.00	87.22	N/A	N/A
5270.00	73.18	PK	V	33.73	3.47	0.00	104.36	N/A	N/A
5270.00	63.21	AV	V	33.73	3.47	0.00	94.39	N/A	N/A
5150.00	28.76	PK	V	33.54	3.56	0.00	59.84	74.00	14.16
5150.00	13.86	AV	V	33.54	3.56	0.00	44.94	54.00	9.06
10540.00	47.63	PK	V	38.22	6.40	36.89	49.34	74.00	24.66
10540.00	32.44	AV	V	38.22	6.40	36.89	34.15	54.00	19.85
15810.00	46.21	PK	V	37.79	8.75	39.25	47.48	74.00	26.52
15810.00	32.28	AV	V	37.79	8.75	39.25	33.55	54.00	20.45
9355.00	45.87	PK	V	37.84	5.67	36.70	46.66	74.00	27.34
9355.00	31.76	AV	V	37.84	5.67	36.70	32.55	54.00	21.45
High Channel: 5310 MHz									
5310.00	66.57	PK	H	33.80	3.43	0.00	97.78	N/A	N/A
5310.00	56.58	AV	H	33.80	3.43	0.00	87.79	N/A	N/A
5310.00	73.65	PK	V	33.80	3.43	0.00	104.86	N/A	N/A
5310.00	63.56	AV	V	33.80	3.43	0.00	94.77	N/A	N/A
5350.00	29.53	PK	V	33.86	3.52	0.00	60.89	74.00	13.11
5350.00	14.57	AV	V	33.86	3.52	0.00	45.93	54.00	8.07
10620.00	47.58	PK	V	38.27	6.43	36.92	49.34	74.00	24.66
10620.00	32.44	AV	V	38.27	6.43	36.92	34.20	54.00	19.80
15930.00	46.16	PK	V	37.67	8.71	39.34	47.18	74.00	26.82
15930.00	32.55	AV	V	37.67	8.71	39.34	33.57	54.00	20.43
9655.00	45.69	PK	V	37.96	5.84	36.66	46.81	74.00	27.19
9655.00	31.82	AV	V	37.96	5.84	36.66	32.94	54.00	21.06

802.11 ac40 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	66.48	PK	H	33.73	3.47	0.00	97.66	N/A	N/A
5270.00	56.14	AV	H	33.73	3.47	0.00	87.32	N/A	N/A
5270.00	73.35	PK	V	33.73	3.47	0.00	104.53	N/A	N/A
5270.00	63.18	AV	V	33.73	3.47	0.00	94.36	N/A	N/A
5150.00	28.59	PK	V	33.54	3.56	0.00	59.67	74.00	14.33
5150.00	13.83	AV	V	33.54	3.56	0.00	44.91	54.00	9.09
10540.00	47.72	PK	V	38.22	6.40	36.89	49.43	74.00	24.57
10540.00	32.52	AV	V	38.22	6.40	36.89	34.23	54.00	19.77
15810.00	46.15	PK	V	37.79	8.75	39.25	47.42	74.00	26.58
15810.00	32.29	AV	V	37.79	8.75	39.25	33.56	54.00	20.44
9355.00	45.82	PK	V	37.84	5.67	36.70	46.61	74.00	27.39
9355.00	31.87	AV	V	37.84	5.67	36.70	32.66	54.00	21.34
High Channel: 5310 MHz									
5310.00	66.59	PK	H	33.80	3.43	0.00	97.80	N/A	N/A
5310.00	56.03	AV	H	33.80	3.43	0.00	87.24	N/A	N/A
5310.00	73.36	PK	V	33.80	3.43	0.00	104.57	N/A	N/A
5310.00	63.08	AV	V	33.80	3.43	0.00	94.29	N/A	N/A
5350.00	28.59	PK	V	33.86	3.52	0.00	59.95	74.00	14.05
5350.00	13.99	AV	V	33.86	3.52	0.00	45.35	54.00	8.65
10620.00	47.76	PK	V	38.27	6.43	36.92	49.52	74.00	24.48
10620.00	32.72	AV	V	38.27	6.43	36.92	34.48	54.00	19.52
15930.00	46.12	PK	V	37.67	8.71	39.34	47.14	74.00	26.86
15930.00	32.48	AV	V	37.67	8.71	39.34	33.50	54.00	20.50
9655.00	45.94	PK	V	37.96	5.84	36.66	47.06	74.00	26.94
9655.00	31.84	AV	V	37.96	5.84	36.66	32.96	54.00	21.04

802.11 ac80 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	62.56	PK	H	33.76	3.43	0.00	93.73	N/A	N/A
5290.00	52.65	AV	H	33.76	3.43	0.00	83.82	N/A	N/A
5290.00	69.33	PK	V	33.76	3.43	0.00	100.50	N/A	N/A
5290.00	59.41	AV	V	33.76	3.43	0.00	90.58	N/A	N/A
5150.00	27.85	PK	V	33.54	3.56	0.00	58.93	74.00	15.07
5150.00	13.57	AV	V	33.54	3.56	0.00	44.65	54.00	9.35
5350.00	28.68	PK	V	33.86	3.52	0.00	60.04	74.00	13.96
5350.00	14.72	AV	V	33.86	3.52	0.00	46.08	54.00	7.92
10580.00	47.47	PK	V	38.25	6.41	36.91	49.20	74.00	24.80
10580.00	32.65	AV	V	38.25	6.41	36.91	34.38	54.00	19.62
15870.00	46.84	PK	V	37.73	8.73	39.29	47.99	74.00	26.01
15870.00	32.52	AV	V	37.73	8.73	39.29	33.67	54.00	20.33
9685.00	45.92	PK	V	37.97	5.86	36.67	47.06	74.00	26.94
9685.00	31.71	AV	V	37.97	5.86	36.67	32.85	54.00	21.15

**Radio 1, 5250-5350MHz, Non-beamforming 3TX**

802.11a Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	71.35	PK	H	33.72	3.49	0.00	102.54	N/A	N/A
5260.00	61.45	AV	H	33.72	3.49	0.00	92.64	N/A	N/A
5260.00	77.84	PK	V	33.72	3.49	0.00	109.03	N/A	N/A
5260.00	67.58	AV	V	33.72	3.49	0.00	98.77	N/A	N/A
5150.00	27.58	PK	V	33.54	3.56	0.00	58.66	74.00	15.34
5150.00	13.45	AV	V	33.54	3.56	0.00	44.53	54.00	9.47
10520.00	47.33	PK	V	38.21	6.39	36.89	49.02	74.00	24.98
10520.00	32.54	AV	V	38.21	6.39	36.89	34.23	54.00	19.77
15780.00	46.31	PK	V	37.82	8.76	39.22	47.65	74.00	26.35
15780.00	31.95	AV	V	37.82	8.76	39.22	33.29	54.00	20.71
9355.00	45.87	PK	V	37.84	5.67	36.70	46.66	74.00	27.34
9355.00	31.37	AV	V	37.84	5.67	36.70	32.16	54.00	21.84
Middle Channel: 5300 MHz									
5300.00	71.92	PK	H	33.78	3.41	0.00	103.09	N/A	N/A
5300.00	61.48	AV	H	33.78	3.41	0.00	92.65	N/A	N/A
5300.00	77.48	PK	V	33.78	3.41	0.00	108.65	N/A	N/A
5300.00	67.32	AV	V	33.78	3.41	0.00	98.49	N/A	N/A
10600.00	47.87	PK	V	38.26	6.42	36.92	49.61	74.00	24.39
10600.00	32.23	AV	V	38.26	6.42	36.92	33.97	54.00	20.03
15900.00	47.31	PK	V	37.70	8.72	39.31	48.40	74.00	25.6
15900.00	32.56	AV	V	37.70	8.72	39.31	33.65	54.00	20.35
8995.00	46.56	PK	V	37.70	5.49	36.93	46.80	74.00	27.2
8995.00	32.12	AV	V	37.70	5.49	36.93	32.36	54.00	21.64
9352.00	45.38	PK	V	37.84	5.67	36.70	46.17	74.00	27.83
9352.00	31.64	AV	V	37.84	5.67	36.70	32.43	54.00	21.57
High Channel: 5320 MHz									
5320.00	71.82	PK	H	33.81	3.45	0.00	103.06	N/A	N/A
5320.00	61.41	AV	H	33.81	3.45	0.00	92.65	N/A	N/A
5320.00	77.83	PK	V	33.81	3.45	0.00	109.07	N/A	N/A
5320.00	67.61	AV	V	33.81	3.45	0.00	98.85	N/A	N/A
5350.00	26.69	PK	V	33.86	3.52	0.00	58.05	74.00	15.95
5350.00	14.45	AV	V	33.86	3.52	0.00	45.81	54.00	8.19
10640.00	47.25	PK	V	38.28	6.43	36.93	49.01	74.00	24.99
10640.00	32.84	AV	V	38.28	6.43	36.93	34.60	54.00	19.40
15960.00	46.42	PK	V	37.64	8.70	39.36	47.38	74.00	26.62
15960.00	32.24	AV	V	37.64	8.70	39.36	33.20	54.00	20.80
9655.00	45.44	PK	V	37.96	5.84	36.66	46.56	74.00	27.44
9655.00	31.36	AV	V	37.96	5.84	36.66	32.48	54.00	21.52

802.11n ht20 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	69.68	PK	H	33.72	3.49	0.00	100.87	N/A	N/A
5260.00	59.33	AV	H	33.72	3.49	0.00	90.52	N/A	N/A
5260.00	77.47	PK	V	33.72	3.49	0.00	108.66	N/A	N/A
5260.00	67.58	AV	V	33.72	3.49	0.00	98.77	N/A	N/A
5150.00	28.22	PK	V	33.54	3.56	0.00	59.30	74.00	14.70
5150.00	14.22	AV	V	33.54	3.56	0.00	45.30	54.00	8.70
10520.00	47.49	PK	V	38.21	6.39	36.89	49.18	74.00	24.82
10520.00	32.77	AV	V	38.21	6.39	36.89	34.46	54.00	19.54
15780.00	46.27	PK	V	37.82	8.76	39.22	47.61	74.00	26.39
15780.00	32.12	AV	V	37.82	8.76	39.22	33.46	54.00	20.54
9355.00	45.62	PK	V	37.84	5.67	36.70	46.41	74.00	27.59
9355.00	31.61	AV	V	37.84	5.67	36.70	32.40	54.00	21.60
Middle Channel: 5300 MHz									
5300.00	69.67	PK	H	33.75	3.45	0.00	100.85	N/A	N/A
5300.00	59.44	AV	H	33.75	3.45	0.00	90.62	N/A	N/A
5300.00	77.52	PK	V	33.75	3.45	0.00	108.70	N/A	N/A
5300.00	67.17	AV	V	33.75	3.45	0.00	98.35	N/A	N/A
10560.00	48.13	PK	V	38.24	6.40	36.90	49.85	74.00	24.15
10560.00	32.48	AV	V	38.24	6.40	36.90	34.20	54.00	19.8
15840.00	47.24	PK	V	37.76	8.74	39.27	48.45	74.00	25.55
15840.00	32.54	AV	V	37.76	8.74	39.27	33.75	54.00	20.25
8995.00	46.58	PK	V	37.70	5.49	36.93	46.82	74.00	27.18
8995.00	32.11	AV	V	37.70	5.49	36.93	32.35	54.00	21.65
9352.00	45.46	PK	V	37.84	5.67	36.70	46.25	74.00	27.75
9352.00	31.59	AV	V	37.84	5.67	36.70	32.38	54.00	21.62
High Channel: 5320 MHz									
5320.00	69.86	PK	H	33.81	3.45	0.00	101.10	N/A	N/A
5320.00	59.78	AV	H	33.81	3.45	0.00	91.02	N/A	N/A
5320.00	77.94	PK	V	33.81	3.45	0.00	109.18	N/A	N/A
5320.00	67.73	AV	V	33.81	3.45	0.00	98.97	N/A	N/A
5350.00	26.52	PK	V	33.86	3.52	0.00	57.88	74.00	16.12
5350.00	14.15	AV	V	33.86	3.52	0.00	45.51	54.00	8.49
10640.00	47.45	PK	V	38.28	6.43	36.93	49.21	74.00	24.79
10640.00	32.53	AV	V	38.28	6.43	36.93	34.29	54.00	19.71
15960.00	46.47	PK	V	37.64	8.70	39.36	47.43	74.00	26.57
15960.00	31.91	AV	V	37.64	8.70	39.36	32.87	54.00	21.13
9655.00	45.88	PK	V	37.96	5.84	36.66	47.00	74.00	27.00
9655.00	31.49	AV	V	37.96	5.84	36.66	32.61	54.00	21.39

802.11 ac20 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	69.66	PK	H	33.72	3.49	0.00	100.85	N/A	N/A
5260.00	59.15	AV	H	33.72	3.49	0.00	90.34	N/A	N/A
5260.00	77.43	PK	V	33.72	3.49	0.00	108.62	N/A	N/A
5260.00	67.38	AV	V	33.72	3.49	0.00	98.57	N/A	N/A
5150.00	28.22	PK	V	33.54	3.56	0.00	59.30	74.00	14.70
5150.00	14.13	AV	V	33.54	3.56	0.00	45.21	54.00	8.79
10520.00	47.45	PK	V	38.21	6.39	36.89	49.14	74.00	24.86
10520.00	32.88	AV	V	38.21	6.39	36.89	34.57	54.00	19.43
15780.00	46.24	PK	V	37.82	8.76	39.22	47.58	74.00	26.42
15780.00	32.32	AV	V	37.82	8.76	39.22	33.66	54.00	20.34
9355.00	45.63	PK	V	37.84	5.67	36.70	46.42	74.00	27.58
9355.00	31.54	AV	V	37.84	5.67	36.70	32.33	54.00	21.67
Middle Channel: 5300 MHz									
5300.00	69.87	PK	H	33.75	3.45	0.00	101.05	N/A	N/A
5300.00	59.63	AV	H	33.75	3.45	0.00	90.81	N/A	N/A
5300.00	77.79	PK	V	33.75	3.45	0.00	108.97	N/A	N/A
5300.00	67.75	AV	V	33.75	3.45	0.00	98.93	N/A	N/A
10560.00	26.52	PK	V	38.24	6.40	36.90	28.24	74.00	45.76
10560.00	14.11	AV	V	38.24	6.40	36.90	15.83	54.00	38.17
15840.00	47.48	PK	V	37.76	8.74	39.27	48.69	74.00	25.31
15840.00	32.42	AV	V	37.76	8.74	39.27	33.63	54.00	20.37
8995.00	46.44	PK	V	37.70	5.49	36.93	46.68	74.00	27.32
8995.00	31.84	AV	V	37.70	5.49	36.93	32.08	54.00	21.92
9352.00	45.72	PK	V	37.84	5.67	36.70	46.51	74.00	27.49
9352.00	31.36	AV	V	37.84	5.67	36.70	32.15	54.00	21.85
High Channel: 5320 MHz									
5320.00	69.66	PK	H	33.81	3.45	0.00	100.90	N/A	N/A
5320.00	59.92	AV	H	33.81	3.45	0.00	91.16	N/A	N/A
5320.00	78.02	PK	V	33.81	3.45	0.00	109.26	N/A	N/A
5320.00	67.85	AV	V	33.81	3.45	0.00	99.09	N/A	N/A
5350.00	26.66	PK	V	33.86	3.52	0.00	58.02	74.00	15.98
5350.00	14.05	AV	V	33.86	3.52	0.00	45.41	54.00	8.59
10640.00	47.54	PK	V	38.28	6.43	36.93	49.30	74.00	24.70
10640.00	32.57	AV	V	38.28	6.43	36.93	34.33	54.00	19.67
15960.00	46.38	PK	V	37.64	8.70	39.36	47.34	74.00	26.66
15960.00	32.04	AV	V	37.64	8.70	39.36	33.00	54.00	21.00
9655.00	45.81	PK	V	37.96	5.84	36.66	46.93	74.00	27.07
9655.00	31.56	AV	V	37.96	5.84	36.66	32.68	54.00	21.32

802.11 n ht40 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	66.27	PK	H	33.73	3.47	0.00	97.45	N/A	N/A
5270.00	56.34	AV	H	33.73	3.47	0.00	87.52	N/A	N/A
5270.00	74.02	PK	V	33.73	3.47	0.00	105.20	N/A	N/A
5270.00	64.28	AV	V	33.73	3.47	0.00	95.46	N/A	N/A
5150.00	28.78	PK	V	33.54	3.56	0.00	59.86	74.00	14.14
5150.00	13.97	AV	V	33.54	3.56	0.00	45.05	54.00	8.95
10540.00	47.57	PK	V	38.22	6.40	36.89	49.28	74.00	24.72
10540.00	32.38	AV	V	38.22	6.40	36.89	34.09	54.00	19.91
15810.00	46.01	PK	V	37.79	8.75	39.25	47.28	74.00	26.72
15810.00	32.16	AV	V	37.79	8.75	39.25	33.43	54.00	20.57
9355.00	45.92	PK	V	37.84	5.67	36.70	46.71	74.00	27.29
9355.00	31.67	AV	V	37.84	5.67	36.70	32.46	54.00	21.54
High Channel: 5310 MHz									
5310.00	66.53	PK	H	33.80	3.43	0.00	97.74	N/A	N/A
5310.00	56.59	AV	H	33.80	3.43	0.00	87.80	N/A	N/A
5310.00	74.55	PK	V	33.80	3.43	0.00	105.76	N/A	N/A
5310.00	64.58	AV	V	33.80	3.43	0.00	95.79	N/A	N/A
5350.00	29.46	PK	V	33.86	3.52	0.00	60.82	74.00	13.18
5350.00	14.38	AV	V	33.86	3.52	0.00	45.74	54.00	8.26
10620.00	47.57	PK	V	38.27	6.43	36.92	49.33	74.00	24.67
10620.00	32.26	AV	V	38.27	6.43	36.92	34.02	54.00	19.98
15930.00	46.08	PK	V	37.67	8.71	39.34	47.10	74.00	26.90
15930.00	32.47	AV	V	37.67	8.71	39.34	33.49	54.00	20.51
9655.00	45.86	PK	V	37.96	5.84	36.66	46.98	74.00	27.02
9655.00	31.68	AV	V	37.96	5.84	36.66	32.80	54.00	21.20

802.11 ac40 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	66.42	PK	H	33.73	3.47	0.00	97.60	N/A	N/A
5270.00	56.22	AV	H	33.73	3.47	0.00	87.40	N/A	N/A
5270.00	73.95	PK	V	33.73	3.47	0.00	105.13	N/A	N/A
5270.00	64.46	AV	V	33.73	3.47	0.00	95.64	N/A	N/A
5150.00	28.59	PK	V	33.54	3.56	0.00	59.67	74.00	14.33
5150.00	13.86	AV	V	33.54	3.56	0.00	44.94	54.00	9.06
10540.00	47.51	PK	V	38.22	6.40	36.89	49.22	74.00	24.78
10540.00	32.25	AV	V	38.22	6.40	36.89	33.96	54.00	20.04
15810.00	45.91	PK	V	37.79	8.75	39.25	47.18	74.00	26.82
15810.00	32.19	AV	V	37.79	8.75	39.25	33.46	54.00	20.54
9355.00	45.87	PK	V	37.84	5.67	36.70	46.66	74.00	27.34
9355.00	31.65	AV	V	37.84	5.67	36.70	32.44	54.00	21.56
High Channel: 5310 MHz									
5310.00	66.49	PK	H	33.80	3.43	0.00	97.70	N/A	N/A
5310.00	56.41	AV	H	33.80	3.43	0.00	87.62	N/A	N/A
5310.00	74.54	PK	V	33.80	3.43	0.00	105.75	N/A	N/A
5310.00	64.77	AV	V	33.80	3.43	0.00	95.98	N/A	N/A
5350.00	29.41	PK	V	33.86	3.52	0.00	60.77	74.00	13.23
5350.00	14.41	AV	V	33.86	3.52	0.00	45.77	54.00	8.23
10620.00	47.46	PK	V	38.27	6.43	36.92	49.22	74.00	24.78
10620.00	32.32	AV	V	38.27	6.43	36.92	34.08	54.00	19.92
15930.00	46.05	PK	V	37.67	8.71	39.34	47.07	74.00	26.93
15930.00	32.56	AV	V	37.67	8.71	39.34	33.58	54.00	20.42
9655.00	45.71	PK	V	37.96	5.84	36.66	46.83	74.00	27.17
9655.00	31.61	AV	V	37.96	5.84	36.66	32.73	54.00	21.27

802.11 ac80 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	62.59	PK	H	33.76	3.43	0.00	93.76	N/A	N/A
5290.00	52.58	AV	H	33.76	3.43	0.00	83.75	N/A	N/A
5290.00	69.38	PK	V	33.76	3.43	0.00	100.55	N/A	N/A
5290.00	59.33	AV	V	33.76	3.43	0.00	90.50	N/A	N/A
5150.00	27.86	PK	V	33.54	3.56	0.00	58.94	74.00	15.06
5150.00	14.56	AV	V	33.54	3.56	0.00	45.64	54.00	8.36
5350.00	28.61	PK	V	33.86	3.52	0.00	59.97	74.00	14.03
5350.00	15.77	AV	V	33.86	3.52	0.00	47.13	54.00	6.87
10580.00	47.49	PK	V	38.25	6.41	36.91	49.22	74.00	24.78
10580.00	32.63	AV	V	38.25	6.41	36.91	34.36	54.00	19.64
15870.00	46.77	PK	V	37.73	8.73	39.29	47.92	74.00	26.08
15870.00	32.56	AV	V	37.73	8.73	39.29	33.71	54.00	20.29
9685.00	45.89	PK	V	37.97	5.86	36.67	47.03	74.00	26.97
9685.00	31.77	AV	V	37.97	5.86	36.67	32.91	54.00	21.09



**Radio 1, 5250-5350MHz, Non-beamforming 4TX**

802.11a Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	73.45	PK	H	33.72	3.49	0.00	104.64	N/A	N/A
5260.00	63.39	AV	H	33.72	3.49	0.00	94.58	N/A	N/A
5260.00	80.06	PK	V	33.72	3.49	0.00	111.25	N/A	N/A
5260.00	70.49	AV	V	33.72	3.49	0.00	101.68	N/A	N/A
5150.00	27.56	PK	V	33.54	3.56	0.00	58.64	74.00	15.36
5150.00	13.52	AV	V	33.54	3.56	0.00	44.60	54.00	9.40
10520.00	47.47	PK	V	38.21	6.39	36.89	49.16	74.00	24.84
10520.00	32.71	AV	V	38.21	6.39	36.89	34.40	54.00	19.60
15780.00	46.17	PK	V	37.82	8.76	39.22	47.51	74.00	26.49
15780.00	31.92	AV	V	37.82	8.76	39.22	33.26	54.00	20.74
9355.00	45.73	PK	V	37.84	5.67	36.70	46.52	74.00	27.48
9355.00	31.36	AV	V	37.84	5.67	36.70	32.15	54.00	21.85
Middle Channel: 5300 MHz									
5300.00	73.75	PK	H	33.78	3.41	0.00	104.92	N/A	N/A
5300.00	63.52	AV	H	33.78	3.41	0.00	94.69	N/A	N/A
5300.00	80.02	PK	V	33.78	3.41	0.00	111.19	N/A	N/A
5300.00	70.26	AV	V	33.78	3.41	0.00	101.43	N/A	N/A
10600.00	47.76	PK	V	38.26	6.42	36.92	49.50	74.00	24.5
10600.00	32.24	AV	V	38.26	6.42	36.92	33.98	54.00	20.02
15900.00	47.39	PK	V	37.70	8.72	39.31	48.48	74.00	25.52
15900.00	32.55	AV	V	37.70	8.72	39.31	33.64	54.00	20.36
8995.00	46.57	PK	V	37.70	5.49	36.93	46.81	74.00	27.19
8995.00	32.22	AV	V	37.70	5.49	36.93	32.46	54.00	21.54
9352.00	45.33	PK	V	37.84	5.67	36.70	46.12	74.00	27.88
9352.00	31.76	AV	V	37.84	5.67	36.70	32.55	54.00	21.45
High Channel: 5320 MHz									
5320.00	73.68	PK	H	33.81	3.45	0.00	104.92	N/A	N/A
5320.00	63.75	AV	H	33.81	3.45	0.00	94.99	N/A	N/A
5320.00	80.06	PK	V	33.81	3.45	0.00	111.30	N/A	N/A
5320.00	70.55	AV	V	33.81	3.45	0.00	101.79	N/A	N/A
5350.00	27.56	PK	V	33.86	3.52	0.00	58.92	74.00	15.08
5350.00	14.46	AV	V	33.86	3.52	0.00	45.82	54.00	8.18
10640.00	47.39	PK	V	38.28	6.43	36.93	49.15	74.00	24.85
10640.00	32.85	AV	V	38.28	6.43	36.93	34.61	54.00	19.39
15960.00	46.32	PK	V	37.64	8.70	39.36	47.28	74.00	26.72
15960.00	32.37	AV	V	37.64	8.70	39.36	33.33	54.00	20.67
9655.00	45.25	PK	V	37.96	5.84	36.66	46.37	74.00	27.63
9655.00	31.49	AV	V	37.96	5.84	36.66	32.61	54.00	21.39

802.11n ht20 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	72.62	PK	H	33.72	3.49	0.00	103.81	N/A	N/A
5260.00	62.35	AV	H	33.72	3.49	0.00	93.54	N/A	N/A
5260.00	79.79	PK	V	33.72	3.49	0.00	110.98	N/A	N/A
5260.00	69.54	AV	V	33.72	3.49	0.00	100.73	N/A	N/A
5150.00	28.14	PK	V	33.54	3.56	0.00	59.22	74.00	14.78
5150.00	14.91	AV	V	33.54	3.56	0.00	45.99	54.00	8.01
10520.00	47.46	PK	V	38.21	6.39	36.89	49.15	74.00	24.85
10520.00	32.92	AV	V	38.21	6.39	36.89	34.61	54.00	19.39
15780.00	46.42	PK	V	37.82	8.76	39.22	47.76	74.00	26.24
15780.00	32.01	AV	V	37.82	8.76	39.22	33.35	54.00	20.65
9355.00	45.53	PK	V	37.84	5.67	36.70	46.32	74.00	27.68
9355.00	31.58	AV	V	37.84	5.67	36.70	32.37	54.00	21.63
Middle Channel: 5300 MHz									
5300.00	72.99	PK	H	33.75	3.45	0.00	104.17	N/A	N/A
5300.00	62.33	AV	H	33.75	3.45	0.00	93.51	N/A	N/A
5300.00	79.54	PK	V	33.75	3.45	0.00	110.72	N/A	N/A
5300.00	69.76	AV	V	33.75	3.45	0.00	100.94	N/A	N/A
10560.00	47.97	PK	V	38.24	6.40	36.90	49.69	74.00	24.31
10560.00	32.53	AV	V	38.24	6.40	36.90	34.25	54.00	19.75
15840.00	47.25	PK	V	37.76	8.74	39.27	48.46	74.00	25.54
15840.00	32.44	AV	V	37.76	8.74	39.27	33.65	54.00	20.35
8995.00	46.65	PK	V	37.70	5.49	36.93	46.89	74.00	27.11
8995.00	32.11	AV	V	37.70	5.49	36.93	32.35	54.00	21.65
9352.00	45.51	PK	V	37.84	5.67	36.70	46.30	74.00	27.7
9352.00	31.59	AV	V	37.84	5.67	36.70	32.38	54.00	21.62
High Channel: 5320 MHz									
5320.00	73.14	PK	H	33.81	3.45	0.00	104.38	N/A	N/A
5320.00	62.43	AV	H	33.81	3.45	0.00	93.67	N/A	N/A
5320.00	79.58	PK	V	33.81	3.45	0.00	110.82	N/A	N/A
5320.00	69.72	AV	V	33.81	3.45	0.00	100.96	N/A	N/A
5350.00	26.71	PK	V	33.86	3.52	0.00	58.07	74.00	15.93
5350.00	14.71	AV	V	33.86	3.52	0.00	46.07	54.00	7.93
10640.00	47.38	PK	V	38.28	6.43	36.93	49.14	74.00	24.86
10640.00	32.54	AV	V	38.28	6.43	36.93	34.30	54.00	19.70
15960.00	46.36	PK	V	37.64	8.70	39.36	47.32	74.00	26.68
15960.00	31.79	AV	V	37.64	8.70	39.36	32.75	54.00	21.25
9655.00	45.72	PK	V	37.96	5.84	36.66	46.84	74.00	27.16
9655.00	31.58	AV	V	37.96	5.84	36.66	32.70	54.00	21.30

802.11 ac20 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	72.42	PK	H	33.72	3.49	0.00	103.61	N/A	N/A
5260.00	62.35	AV	H	33.72	3.49	0.00	93.54	N/A	N/A
5260.00	79.95	PK	V	33.72	3.49	0.00	111.14	N/A	N/A
5260.00	69.46	AV	V	33.72	3.49	0.00	100.65	N/A	N/A
5150.00	28.26	PK	V	33.54	3.56	0.00	59.34	74.00	14.66
5150.00	15.09	AV	V	33.54	3.56	0.00	46.17	54.00	7.83
10520.00	47.49	PK	V	38.21	6.39	36.89	49.18	74.00	24.82
10520.00	33.26	AV	V	38.21	6.39	36.89	34.95	54.00	19.05
15780.00	46.58	PK	V	37.82	8.76	39.22	47.92	74.00	26.08
15780.00	31.97	AV	V	37.82	8.76	39.22	33.31	54.00	20.69
9355.00	45.45	PK	V	37.84	5.67	36.70	46.24	74.00	27.76
9355.00	31.41	AV	V	37.84	5.67	36.70	32.20	54.00	21.80
Middle Channel: 5300 MHz									
5300.00	72.55	PK	H	33.75	3.45	0.00	103.73	N/A	N/A
5300.00	62.27	AV	H	33.75	3.45	0.00	93.45	N/A	N/A
5300.00	79.64	PK	V	33.75	3.45	0.00	110.82	N/A	N/A
5300.00	69.36	AV	V	33.75	3.45	0.00	100.54	N/A	N/A
10560.00	28.19	PK	V	38.24	6.40	36.90	29.91	74.00	44.09
10560.00	15.02	AV	V	38.24	6.40	36.90	16.74	54.00	37.26
15840.00	47.42	PK	V	37.76	8.74	39.27	48.63	74.00	25.37
15840.00	33.04	AV	V	37.76	8.74	39.27	34.25	54.00	19.75
8995.00	46.26	PK	V	37.70	5.49	36.93	46.50	74.00	27.5
8995.00	32.17	AV	V	37.70	5.49	36.93	32.41	54.00	21.59
9352.00	45.52	PK	V	37.84	5.67	36.70	46.31	74.00	27.69
9352.00	31.46	AV	V	37.84	5.67	36.70	32.25	54.00	21.75
High Channel: 5320 MHz									
5320.00	72.45	PK	H	33.81	3.45	0.00	103.69	N/A	N/A
5320.00	62.18	AV	H	33.81	3.45	0.00	93.42	N/A	N/A
5320.00	79.93	PK	V	33.81	3.45	0.00	111.17	N/A	N/A
5320.00	69.72	AV	V	33.81	3.45	0.00	100.96	N/A	N/A
5350.00	28.03	PK	V	33.86	3.52	0.00	59.39	74.00	14.61
5350.00	15.02	AV	V	33.86	3.52	0.00	46.38	54.00	7.62
10640.00	47.36	PK	V	38.28	6.43	36.93	49.12	74.00	24.88
10640.00	32.88	AV	V	38.28	6.43	36.93	34.64	54.00	19.36
15960.00	46.61	PK	V	37.64	8.70	39.36	47.57	74.00	26.43
15960.00	31.82	AV	V	37.64	8.70	39.36	32.78	54.00	21.22
9655.00	45.72	PK	V	37.96	5.84	36.66	46.84	74.00	27.16
9655.00	31.77	AV	V	37.96	5.84	36.66	32.89	54.00	21.11

802.11 n ht40 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	68.34	PK	H	33.73	3.47	0.00	99.52	N/A	N/A
5270.00	58.32	AV	H	33.73	3.47	0.00	89.50	N/A	N/A
5270.00	77.33	PK	V	33.73	3.47	0.00	108.51	N/A	N/A
5270.00	67.17	AV	V	33.73	3.47	0.00	98.35	N/A	N/A
5150.00	32.98	PK	V	33.54	3.56	0.00	64.06	74.00	9.94
5150.00	16.83	AV	V	33.54	3.56	0.00	47.91	54.00	6.09
10540.00	47.66	PK	V	38.22	6.40	36.89	49.37	74.00	24.63
10540.00	32.34	AV	V	38.22	6.40	36.89	34.05	54.00	19.95
15810.00	46.27	PK	V	37.79	8.75	39.25	47.54	74.00	26.46
15810.00	32.23	AV	V	37.79	8.75	39.25	33.50	54.00	20.50
9355.00	46.08	PK	V	37.84	5.67	36.70	46.87	74.00	27.13
9355.00	31.49	AV	V	37.84	5.67	36.70	32.28	54.00	21.72
High Channel: 5310 MHz									
5310.00	68.77	PK	H	33.80	3.43	0.00	99.98	N/A	N/A
5310.00	58.32	AV	H	33.80	3.43	0.00	89.53	N/A	N/A
5310.00	77.16	PK	V	33.80	3.43	0.00	108.37	N/A	N/A
5310.00	67.17	AV	V	33.80	3.43	0.00	98.38	N/A	N/A
5350.00	33.83	PK	V	33.86	3.52	0.00	65.19	74.00	8.81
5350.00	18.02	AV	V	33.86	3.52	0.00	49.38	54.00	4.62
10620.00	47.74	PK	V	38.27	6.43	36.92	49.50	74.00	24.50
10620.00	32.27	AV	V	38.27	6.43	36.92	34.03	54.00	19.97
15930.00	46.11	PK	V	37.67	8.71	39.34	47.13	74.00	26.87
15930.00	32.49	AV	V	37.67	8.71	39.34	33.51	54.00	20.49
9655.00	45.99	PK	V	37.96	5.84	36.66	47.11	74.00	26.89
9655.00	31.73	AV	V	37.96	5.84	36.66	32.85	54.00	21.15

802.11 ac40 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	68.24	PK	H	33.73	3.47	0.00	99.42	N/A	N/A
5270.00	58.52	AV	H	33.73	3.47	0.00	89.70	N/A	N/A
5270.00	77.43	PK	V	33.73	3.47	0.00	108.61	N/A	N/A
5270.00	67.25	AV	V	33.73	3.47	0.00	98.43	N/A	N/A
5150.00	32.81	PK	V	33.54	3.56	0.00	63.89	74.00	10.11
5150.00	16.86	AV	V	33.54	3.56	0.00	47.94	54.00	6.06
10540.00	47.69	PK	V	38.22	6.40	36.89	49.40	74.00	24.60
10540.00	32.42	AV	V	38.22	6.40	36.89	34.13	54.00	19.87
15810.00	46.24	PK	V	37.79	8.75	39.25	47.51	74.00	26.49
15810.00	32.13	AV	V	37.79	8.75	39.25	33.40	54.00	20.60
9355.00	46.21	PK	V	37.84	5.67	36.70	47.00	74.00	27.00
9355.00	31.58	AV	V	37.84	5.67	36.70	32.37	54.00	21.63
High Channel: 5310 MHz									
5310.00	68.87	PK	H	33.80	3.43	0.00	100.08	N/A	N/A
5310.00	58.46	AV	H	33.80	3.43	0.00	89.67	N/A	N/A
5310.00	77.05	PK	V	33.80	3.43	0.00	108.26	N/A	N/A
5310.00	67.03	AV	V	33.80	3.43	0.00	98.24	N/A	N/A
5350.00	33.79	PK	V	33.86	3.52	0.00	65.15	74.00	8.85
5350.00	18.17	AV	V	33.86	3.52	0.00	49.53	54.00	4.47
10620.00	47.73	PK	V	38.27	6.43	36.92	49.49	74.00	24.51
10620.00	32.22	AV	V	38.27	6.43	36.92	33.98	54.00	20.02
15930.00	46.18	PK	V	37.67	8.71	39.34	47.20	74.00	26.80
15930.00	32.53	AV	V	37.67	8.71	39.34	33.55	54.00	20.45
9655.00	45.79	PK	V	37.96	5.84	36.66	46.91	74.00	27.09
9655.00	31.55	AV	V	37.96	5.84	36.66	32.67	54.00	21.33

802.11 ac80 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	64.61	PK	H	33.76	3.43	0.00	95.78	N/A	N/A
5290.00	54.62	AV	H	33.76	3.43	0.00	85.79	N/A	N/A
5290.00	73.93	PK	V	33.76	3.43	0.00	105.10	N/A	N/A
5290.00	59.38	AV	V	33.76	3.43	0.00	90.55	N/A	N/A
5150.00	33.92	PK	V	33.54	3.56	0.00	65.00	74.00	9.00
5150.00	17.57	AV	V	33.54	3.56	0.00	48.65	54.00	5.35
5350.00	36.57	PK	V	33.86	3.52	0.00	67.93	74.00	6.07
5350.00	18.81	AV	V	33.86	3.52	0.00	50.17	54.00	3.83
10580.00	47.39	PK	V	38.25	6.41	36.91	49.12	74.00	24.88
10580.00	32.68	AV	V	38.25	6.41	36.91	34.41	54.00	19.59
15870.00	46.78	PK	V	37.73	8.73	39.29	47.93	74.00	26.07
15870.00	32.63	AV	V	37.73	8.73	39.29	33.78	54.00	20.22
9685.00	45.93	PK	V	37.97	5.86	36.67	47.07	74.00	26.93
9685.00	31.77	AV	V	37.97	5.86	36.67	32.91	54.00	21.09

**Radio 1, 5250-5350MHz, Beamforming 2TX**

802.11a Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	73.19	PK	V	33.72	3.49	0.00	104.38	N/A	N/A
5260.00	63.32	AV	V	33.72	3.49	0.00	94.51	N/A	N/A
5260.00	63.42	PK	H	33.72	3.49	0.00	94.61	N/A	N/A
5260.00	53.66	AV	H	33.72	3.49	0.00	84.85	N/A	N/A
5150.00	27.62	PK	V	33.54	3.56	0.00	58.70	74.00	15.30
5150.00	14.75	AV	V	33.54	3.56	0.00	45.83	54.00	8.17
10520.00	63.24	PK	V	38.21	6.39	36.89	64.93	74.00	9.07
10520.00	50.31	AV	V	38.21	6.39	36.89	52.00	54.00	2.00
15780.00	46.56	PK	V	37.82	8.76	39.22	47.90	74.00	26.10
15780.00	32.51	AV	V	37.82	8.76	39.22	33.85	54.00	20.15
8921.00	45.33	PK	V	37.65	5.44	36.96	45.44	74.00	28.56
8921.00	32.37	AV	V	37.65	5.44	36.96	32.48	54.00	21.52
Middle Channel: 5300 MHz									
5300.00	73.24	PK	V	33.78	3.41	0.00	104.41	N/A	N/A
5300.00	63.37	AV	V	33.78	3.41	0.00	94.54	N/A	N/A
5300.00	63.59	PK	H	33.78	3.41	0.00	94.76	N/A	N/A
5300.00	53.52	AV	H	33.78	3.41	0.00	84.69	N/A	N/A
10600.00	63.16	PK	V	38.26	6.42	36.92	64.90	74.00	9.1
10600.00	50.23	AV	V	38.26	6.42	36.92	51.97	54.00	2.03
15900.00	46.83	PK	V	37.70	8.72	39.31	47.92	74.00	26.08
15900.00	33.59	AV	V	37.70	8.72	39.31	34.68	54.00	19.32
8995.00	46.37	PK	V	37.70	5.49	36.93	46.61	74.00	27.39
8995.00	32.27	AV	V	37.70	5.49	36.93	32.51	54.00	21.49
8666.00	45.46	PK	V	37.50	5.28	37.06	45.16	74.00	28.84
8666.00	32.42	AV	V	37.50	5.28	37.06	32.12	54.00	21.88
High Channel: 5320 MHz									
5320.00	72.69	PK	V	33.81	3.45	0.00	103.93	N/A	N/A
5320.00	63.12	AV	V	33.81	3.45	0.00	94.36	N/A	N/A
5320.00	63.75	PK	H	33.81	3.45	0.00	94.99	N/A	N/A
5320.00	53.59	AV	H	33.81	3.45	0.00	84.83	N/A	N/A
5350.00	26.79	PK	V	33.86	3.52	0.00	58.15	74.00	15.85
5350.00	14.23	AV	V	33.86	3.52	0.00	45.59	54.00	8.41
10640.00	62.77	PK	V	38.28	6.43	36.93	64.53	74.00	9.47
10640.00	49.86	AV	V	38.28	6.43	36.93	51.62	54.00	2.38
15960.00	46.31	PK	V	37.64	8.70	39.36	47.27	74.00	26.73
15960.00	32.89	AV	V	37.64	8.70	39.36	33.85	54.00	20.15
9655.00	46.47	PK	V	37.96	5.84	36.66	47.59	74.00	26.41
9655.00	32.49	AV	V	37.96	5.84	36.66	33.61	54.00	20.39

## 802.11n ht20 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	73.46	PK	V	33.72	3.49	0.00	104.65	N/A	N/A
5260.00	64.23	AV	V	33.72	3.49	0.00	95.42	N/A	N/A
5260.00	63.87	PK	H	33.72	3.49	0.00	95.06	N/A	N/A
5260.00	53.52	AV	H	33.72	3.49	0.00	84.71	N/A	N/A
5150.00	27.82	PK	V	33.54	3.56	0.00	58.90	74.00	15.10
5150.00	14.61	AV	V	33.54	3.56	0.00	45.69	54.00	8.31
10520.00	63.29	PK	V	38.21	6.39	36.89	64.98	74.00	9.02
10520.00	50.52	AV	V	38.21	6.39	36.89	52.21	54.00	1.79
15780.00	46.74	PK	V	37.82	8.76	39.22	48.08	74.00	25.92
15780.00	32.67	AV	V	37.82	8.76	39.22	34.01	54.00	19.99
9355.00	45.43	PK	V	37.84	5.67	36.70	46.22	74.00	27.78
9355.00	32.24	AV	V	37.84	5.67	36.70	33.03	54.00	20.97
Middle Channel: 5300 MHz									
5300.00	73.44	PK	V	33.78	3.41	0.00	104.61	N/A	N/A
5300.00	64.03	AV	V	33.78	3.41	0.00	95.20	N/A	N/A
5300.00	63.81	PK	H	33.78	3.41	0.00	94.98	N/A	N/A
5300.00	53.66	AV	H	33.78	3.41	0.00	84.83	N/A	N/A
10600.00	63.38	PK	V	38.26	6.42	36.92	65.12	74.00	8.88
10600.00	50.32	AV	V	38.26	6.42	36.92	52.06	54.00	1.94
15900.00	46.94	PK	V	37.70	8.72	39.31	48.03	74.00	25.97
15900.00	33.41	AV	V	37.70	8.72	39.31	34.50	54.00	19.5
8995.00	46.47	PK	V	37.70	5.49	36.93	46.71	74.00	27.29
8995.00	32.16	AV	V	37.70	5.49	36.93	32.40	54.00	21.6
9352.00	45.53	PK	V	37.84	5.67	36.70	46.32	74.00	27.68
9352.00	32.69	AV	V	37.84	5.67	36.70	33.48	54.00	20.52
High Channel: 5320 MHz									
5320.00	73.39	PK	V	33.81	3.45	0.00	104.63	N/A	N/A
5320.00	64.05	AV	V	33.81	3.45	0.00	95.29	N/A	N/A
5320.00	63.79	PK	H	33.81	3.45	0.00	95.03	N/A	N/A
5320.00	53.91	AV	H	33.81	3.45	0.00	85.15	N/A	N/A
5350.00	26.82	PK	V	33.86	3.52	0.00	58.18	74.00	15.82
5350.00	14.27	AV	V	33.86	3.52	0.00	45.63	54.00	8.37
10640.00	62.77	PK	V	38.28	6.43	36.93	64.53	74.00	9.47
10640.00	49.69	AV	V	38.28	6.43	36.93	51.45	54.00	2.55
15960.00	46.68	PK	V	37.64	8.70	39.36	47.64	74.00	26.36
15960.00	32.96	AV	V	37.64	8.70	39.36	33.92	54.00	20.08
9655.00	46.59	PK	V	37.96	5.84	36.66	47.71	74.00	26.29
9655.00	32.33	AV	V	37.96	5.84	36.66	33.45	54.00	20.55

802.11 ac20 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	73.34	PK	V	33.72	3.49	0.00	104.53	N/A	N/A
5260.00	63.84	AV	V	33.72	3.49	0.00	95.03	N/A	N/A
5260.00	63.66	PK	H	33.72	3.49	0.00	94.85	N/A	N/A
5260.00	53.65	AV	H	33.72	3.49	0.00	84.84	N/A	N/A
5150.00	27.75	PK	V	33.54	3.56	0.00	58.83	74.00	15.17
5150.00	14.37	AV	V	33.54	3.56	0.00	45.45	54.00	8.55
10520.00	63.60	PK	V	38.21	6.39	36.89	65.29	74.00	8.71
10520.00	50.14	AV	V	38.21	6.39	36.89	51.83	54.00	2.17
15780.00	46.52	PK	V	37.82	8.76	39.22	47.86	74.00	26.14
15780.00	32.76	AV	V	37.82	8.76	39.22	34.10	54.00	19.90
9355.00	45.36	PK	V	37.84	5.67	36.70	46.15	74.00	27.85
9355.00	32.31	AV	V	37.84	5.67	36.70	33.10	54.00	20.90
Middle Channel: 5300 MHz									
5300.00	73.79	PK	V	33.78	3.41	0.00	104.96	N/A	N/A
5300.00	63.35	AV	V	33.78	3.41	0.00	94.52	N/A	N/A
5300.00	64.09	PK	H	33.78	3.41	0.00	95.26	N/A	N/A
5300.00	53.85	AV	H	33.78	3.41	0.00	85.02	N/A	N/A
10600.00	63.01	PK	V	38.26	6.42	36.92	64.75	74.00	9.25
10600.00	50.23	AV	V	38.26	6.42	36.92	51.97	54.00	2.03
15900.00	46.92	PK	V	37.70	8.72	39.31	48.01	74.00	25.99
15900.00	33.81	AV	V	37.70	8.72	39.31	34.90	54.00	19.1
8995.00	46.08	PK	V	37.70	5.49	36.93	46.32	74.00	27.68
8995.00	32.28	AV	V	37.70	5.49	36.93	32.52	54.00	21.48
9352.00	45.36	PK	V	37.84	5.67	36.70	46.15	74.00	27.85
9352.00	32.25	AV	V	37.84	5.67	36.70	33.04	54.00	20.96
High Channel: 5320 MHz									
5320.00	73.94	PK	V	33.81	3.45	0.00	105.18	N/A	N/A
5320.00	63.43	AV	V	33.81	3.45	0.00	94.67	N/A	N/A
5320.00	63.73	PK	H	33.81	3.45	0.00	94.97	N/A	N/A
5320.00	53.84	AV	H	33.81	3.45	0.00	85.08	N/A	N/A
5350.00	27.81	PK	V	33.86	3.52	0.00	59.17	74.00	14.83
5350.00	14.87	AV	V	33.86	3.52	0.00	46.23	54.00	7.77
10640.00	63.43	PK	V	38.28	6.43	36.93	65.19	74.00	8.81
10640.00	50.42	AV	V	38.28	6.43	36.93	52.18	54.00	1.82
15960.00	46.28	PK	V	37.64	8.70	39.36	47.24	74.00	26.76
15960.00	32.38	AV	V	37.64	8.70	39.36	33.34	54.00	20.66
9655.00	45.11	PK	V	37.96	5.84	36.66	46.23	74.00	27.77
9655.00	32.28	AV	V	37.96	5.84	36.66	33.40	54.00	20.60



802.11 n ht40 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	68.59	PK	V	33.73	3.47	0.00	99.77	N/A	N/A
5270.00	58.73	AV	V	33.73	3.47	0.00	89.91	N/A	N/A
5270.00	57.65	PK	H	33.73	3.47	0.00	88.83	N/A	N/A
5270.00	47.33	AV	H	33.73	3.47	0.00	78.51	N/A	N/A
5150.00	27.86	PK	V	33.54	3.56	0.00	58.94	74.00	15.06
5150.00	14.58	AV	V	33.54	3.56	0.00	45.66	54.00	8.34
10540.00	63.22	PK	V	38.22	6.40	36.89	64.93	74.00	9.07
10540.00	50.46	AV	V	38.22	6.40	36.89	52.17	54.00	1.83
15810.00	46.71	PK	V	37.79	8.75	39.25	47.98	74.00	26.02
15810.00	32.55	AV	V	37.79	8.75	39.25	33.82	54.00	20.18
9355.00	45.33	PK	V	37.84	5.67	36.70	46.12	74.00	27.88
9355.00	32.54	AV	V	37.84	5.67	36.70	33.33	54.00	20.67
High Channel: 5310 MHz									
5310.00	68.27	PK	V	33.80	3.43	0.00	99.48	N/A	N/A
5310.00	58.34	AV	V	33.80	3.43	0.00	89.55	N/A	N/A
5310.00	57.54	PK	H	33.80	3.43	0.00	88.75	N/A	N/A
5310.00	46.95	AV	H	33.80	3.43	0.00	78.16	N/A	N/A
5350.00	27.57	PK	V	33.86	3.52	0.00	58.93	74.00	15.07
5350.00	14.74	AV	V	33.86	3.52	0.00	46.10	54.00	7.90
10620.00	46.61	PK	V	38.27	6.43	36.92	48.37	74.00	25.63
10620.00	32.54	AV	V	38.27	6.43	36.92	34.30	54.00	19.70
15930.00	46.04	PK	V	37.67	8.71	39.34	47.06	74.00	26.94
15930.00	32.43	AV	V	37.67	8.71	39.34	33.45	54.00	20.55
9655.00	45.54	PK	V	37.96	5.84	36.66	46.66	74.00	27.34
9655.00	32.08	AV	V	37.96	5.84	36.66	33.20	54.00	20.80

802.11 ac40 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	68.33	PK	V	33.73	3.47	0.00	99.51	N/A	N/A
5270.00	58.94	AV	V	33.73	3.47	0.00	90.12	N/A	N/A
5270.00	57.79	PK	H	33.73	3.47	0.00	88.97	N/A	N/A
5270.00	47.05	AV	H	33.73	3.47	0.00	78.23	N/A	N/A
5150.00	28.18	PK	V	33.54	3.56	0.00	59.26	74.00	14.74
5150.00	14.22	AV	V	33.54	3.56	0.00	45.30	54.00	8.70
10540.00	63.32	PK	V	38.22	6.40	36.89	65.03	74.00	8.97
10540.00	50.48	AV	V	38.22	6.40	36.89	52.19	54.00	1.81
15810.00	46.28	PK	V	37.79	8.75	39.25	47.55	74.00	26.45
15810.00	32.98	AV	V	37.79	8.75	39.25	34.25	54.00	19.75
9355.00	45.38	PK	V	37.84	5.67	36.70	46.17	74.00	27.83
9355.00	32.55	AV	V	37.84	5.67	36.70	33.34	54.00	20.66
High Channel: 5310 MHz									
5310.00	68.44	PK	V	33.80	3.43	0.00	99.65	N/A	N/A
5310.00	58.94	AV	V	33.80	3.43	0.00	90.15	N/A	N/A
5310.00	57.64	PK	H	33.80	3.43	0.00	88.85	N/A	N/A
5310.00	47.34	AV	H	33.80	3.43	0.00	78.55	N/A	N/A
5350.00	28.21	PK	V	33.86	3.52	0.00	59.57	74.00	14.43
5350.00	14.24	AV	V	33.86	3.52	0.00	45.60	54.00	8.40
10620.00	63.64	PK	V	38.27	6.43	36.92	65.40	74.00	8.60
10620.00	50.38	AV	V	38.27	6.43	36.92	52.14	54.00	1.86
15930.00	46.25	PK	V	37.67	8.71	39.34	47.27	74.00	26.73
15930.00	32.11	AV	V	37.67	8.71	39.34	33.13	54.00	20.87
9655.00	45.07	PK	V	37.96	5.84	36.66	46.19	74.00	27.81
9655.00	32.76	AV	V	37.96	5.84	36.66	33.88	54.00	20.12

802.11 ac80 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	64.54	PK	V	33.76	3.43	0.00	95.71	N/A	N/A
5290.00	54.72	AV	V	33.76	3.43	0.00	85.89	N/A	N/A
5290.00	56.21	PK	H	33.76	3.43	0.00	87.38	N/A	N/A
5290.00	46.24	AV	H	33.76	3.43	0.00	77.41	N/A	N/A
5150.00	28.03	PK	V	33.54	3.56	0.00	59.11	74.00	14.89
5150.00	14.31	AV	V	33.54	3.56	0.00	45.39	54.00	8.61
5350.00	27.74	PK	V	33.86	3.52	0.00	59.10	74.00	14.90
5350.00	15.41	AV	V	33.86	3.52	0.00	46.77	54.00	7.23
10580.00	63.37	PK	V	38.25	6.41	36.91	65.10	74.00	8.90
10580.00	50.23	AV	V	38.25	6.41	36.91	51.96	54.00	2.04
15870.00	46.72	PK	V	37.73	8.73	39.29	47.87	74.00	26.13
15870.00	32.71	AV	V	37.73	8.73	39.29	33.86	54.00	20.14
9685.00	45.33	PK	V	37.97	5.86	36.67	46.47	74.00	27.53
9685.00	32.52	AV	V	37.97	5.86	36.67	33.66	54.00	20.34

**Radio 1, 5250-5350MHz, Beamforming 3TX**

802.11a Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	75.22	PK	V	33.72	3.49	0.00	106.41	N/A	N/A
5260.00	65.35	AV	V	33.72	3.49	0.00	96.54	N/A	N/A
5260.00	63.86	PK	H	33.72	3.49	0.00	95.05	N/A	N/A
5260.00	53.85	AV	H	33.72	3.49	0.00	85.04	N/A	N/A
5150.00	27.44	PK	V	33.54	3.56	0.00	58.52	74.00	15.48
5150.00	15.18	AV	V	33.54	3.56	0.00	46.26	54.00	7.74
10520.00	63.34	PK	V	38.21	6.39	36.89	65.03	74.00	8.97
10520.00	50.77	AV	V	38.21	6.39	36.89	52.46	54.00	1.54
15780.00	46.46	PK	V	37.82	8.76	39.22	47.80	74.00	26.20
15780.00	32.59	AV	V	37.82	8.76	39.22	33.93	54.00	20.07
8921.00	45.44	PK	V	37.65	5.44	36.96	45.55	74.00	28.45
8921.00	32.06	AV	V	37.65	5.44	36.96	32.17	54.00	21.83
Middle Channel: 5300 MHz									
5300.00	75.54	PK	V	33.78	3.41	0.00	106.71	N/A	N/A
5300.00	65.49	AV	V	33.78	3.41	0.00	96.66	N/A	N/A
5300.00	64.47	PK	H	33.78	3.41	0.00	95.64	N/A	N/A
5300.00	54.54	AV	H	33.78	3.41	0.00	85.71	N/A	N/A
10600.00	63.34	PK	V	38.26	6.42	36.92	65.08	74.00	8.92
10600.00	50.11	AV	V	38.26	6.42	36.92	51.85	54.00	2.15
15900.00	46.77	PK	V	37.70	8.72	39.31	47.86	74.00	26.14
15900.00	33.68	AV	V	37.70	8.72	39.31	34.77	54.00	19.23
8995.00	46.42	PK	V	37.70	5.49	36.93	46.66	74.00	27.34
8995.00	31.98	AV	V	37.70	5.49	36.93	32.22	54.00	21.78
8666.00	45.38	PK	V	37.50	5.28	37.06	45.08	74.00	28.92
8666.00	32.72	AV	V	37.50	5.28	37.06	32.42	54.00	21.58
High Channel: 5320 MHz									
5320.00	75.22	PK	V	33.81	3.45	0.00	106.46	N/A	N/A
5320.00	65.54	AV	V	33.81	3.45	0.00	96.78	N/A	N/A
5320.00	64.73	PK	H	33.81	3.45	0.00	95.97	N/A	N/A
5320.00	54.63	AV	H	33.81	3.45	0.00	85.87	N/A	N/A
5350.00	27.89	PK	V	33.86	3.52	0.00	59.25	74.00	14.75
5350.00	14.96	AV	V	33.86	3.52	0.00	46.32	54.00	7.68
10640.00	63.23	PK	V	38.28	6.43	36.93	64.99	74.00	9.01
10640.00	50.81	AV	V	38.28	6.43	36.93	52.57	54.00	1.43
15960.00	46.45	PK	V	37.64	8.70	39.36	47.41	74.00	26.59
15960.00	32.48	AV	V	37.64	8.70	39.36	33.44	54.00	20.56
9655.00	45.31	PK	V	37.96	5.84	36.66	46.43	74.00	27.57
9655.00	32.07	AV	V	37.96	5.84	36.66	33.19	54.00	20.81

802.11n ht20 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	75.58	PK	V	33.72	3.49	0.00	106.77	N/A	N/A
5260.00	65.51	AV	V	33.72	3.49	0.00	96.70	N/A	N/A
5260.00	64.69	PK	H	33.72	3.49	0.00	95.88	N/A	N/A
5260.00	54.85	AV	H	33.72	3.49	0.00	86.04	N/A	N/A
5150.00	27.77	PK	V	33.54	3.56	0.00	58.85	74.00	15.15
5150.00	14.34	AV	V	33.54	3.56	0.00	45.42	54.00	8.58
10520.00	63.51	PK	V	38.21	6.39	36.89	65.20	74.00	8.80
10520.00	50.59	AV	V	38.21	6.39	36.89	52.28	54.00	1.72
15780.00	46.62	PK	V	37.82	8.76	39.22	47.96	74.00	26.04
15780.00	32.38	AV	V	37.82	8.76	39.22	33.72	54.00	20.28
9355.00	45.18	PK	V	37.84	5.67	36.70	45.97	74.00	28.03
9355.00	32.18	AV	V	37.84	5.67	36.70	32.97	54.00	21.03
Middle Channel: 5300 MHz									
5300.00	75.26	PK	V	33.78	3.41	0.00	106.43	N/A	N/A
5300.00	65.78	AV	V	33.78	3.41	0.00	96.95	N/A	N/A
5300.00	65.42	PK	H	33.78	3.41	0.00	96.59	N/A	N/A
5300.00	54.46	AV	H	33.78	3.41	0.00	85.63	N/A	N/A
10600.00	63.21	PK	V	38.26	6.42	36.92	64.95	74.00	9.05
10600.00	50.01	AV	V	38.26	6.42	36.92	51.75	54.00	2.25
15900.00	47.25	PK	V	37.70	8.72	39.31	48.34	74.00	25.66
15900.00	33.72	AV	V	37.70	8.72	39.31	34.81	54.00	19.19
8995.00	46.38	PK	V	37.70	5.49	36.93	46.62	74.00	27.38
8995.00	32.21	AV	V	37.70	5.49	36.93	32.45	54.00	21.55
9352.00	45.61	PK	V	37.84	5.67	36.70	46.40	74.00	27.6
9352.00	32.96	AV	V	37.84	5.67	36.70	33.75	54.00	20.25
High Channel: 5320 MHz									
5320.00	75.12	PK	V	33.81	3.45	0.00	106.36	N/A	N/A
5320.00	65.35	AV	V	33.81	3.45	0.00	96.59	N/A	N/A
5320.00	65.02	PK	H	33.81	3.45	0.00	96.26	N/A	N/A
5320.00	54.78	AV	H	33.81	3.45	0.00	86.02	N/A	N/A
5350.00	27.65	PK	V	33.86	3.52	0.00	59.01	74.00	14.99
5350.00	13.99	AV	V	33.86	3.52	0.00	45.35	54.00	8.65
10640.00	63.89	PK	V	38.28	6.43	36.93	65.65	74.00	8.35
10640.00	50.66	AV	V	38.28	6.43	36.93	52.42	54.00	1.58
15960.00	47.13	PK	V	37.64	8.70	39.36	48.09	74.00	25.91
15960.00	32.36	AV	V	37.64	8.70	39.36	33.32	54.00	20.68
9655.00	45.57	PK	V	37.96	5.84	36.66	46.69	74.00	27.31
9655.00	31.94	AV	V	37.96	5.84	36.66	33.06	54.00	20.94

802.11 ac20 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	75.04	PK	V	33.72	3.49	0.00	106.23	N/A	N/A
5260.00	65.12	AV	V	33.72	3.49	0.00	96.31	N/A	N/A
5260.00	64.84	PK	H	33.72	3.49	0.00	96.03	N/A	N/A
5260.00	54.92	AV	H	33.72	3.49	0.00	86.11	N/A	N/A
5150.00	27.97	PK	V	33.54	3.56	0.00	59.05	74.00	14.95
5150.00	14.32	AV	V	33.54	3.56	0.00	45.40	54.00	8.60
10520.00	63.82	PK	V	38.21	6.39	36.89	65.51	74.00	8.49
10520.00	50.34	AV	V	38.21	6.39	36.89	52.03	54.00	1.97
15780.00	46.25	PK	V	37.82	8.76	39.22	47.59	74.00	26.41
15780.00	32.67	AV	V	37.82	8.76	39.22	34.01	54.00	19.99
9355.00	45.55	PK	V	37.84	5.67	36.70	46.34	74.00	27.66
9355.00	32.18	AV	V	37.84	5.67	36.70	32.97	54.00	21.03
Middle Channel: 5300 MHz									
5300.00	75.62	PK	V	33.78	3.41	0.00	106.79	N/A	N/A
5300.00	65.41	AV	V	33.78	3.41	0.00	96.58	N/A	N/A
5300.00	65.36	PK	H	33.78	3.41	0.00	96.53	N/A	N/A
5300.00	54.37	AV	H	33.78	3.41	0.00	85.54	N/A	N/A
10600.00	63.54	PK	V	38.26	6.42	36.92	65.28	74.00	8.72
10600.00	49.85	AV	V	38.26	6.42	36.92	51.59	54.00	2.41
15900.00	47.19	PK	V	37.70	8.72	39.31	48.28	74.00	25.72
15900.00	33.85	AV	V	37.70	8.72	39.31	34.94	54.00	19.06
8995.00	46.81	PK	V	37.70	5.49	36.93	47.05	74.00	26.95
8995.00	32.14	AV	V	37.70	5.49	36.93	32.38	54.00	21.62
9352.00	45.21	PK	V	37.84	5.67	36.70	46.00	74.00	28
9352.00	33.29	AV	V	37.84	5.67	36.70	34.08	54.00	19.92
High Channel: 5320 MHz									
5320.00	75.33	PK	V	33.81	3.45	0.00	106.57	N/A	N/A
5320.00	65.42	AV	V	33.81	3.45	0.00	96.66	N/A	N/A
5320.00	64.79	PK	H	33.81	3.45	0.00	96.03	N/A	N/A
5320.00	54.64	AV	H	33.81	3.45	0.00	85.88	N/A	N/A
5350.00	27.72	PK	V	33.86	3.52	0.00	59.08	74.00	14.92
5350.00	13.75	AV	V	33.86	3.52	0.00	45.11	54.00	8.89
10640.00	63.36	PK	V	38.28	6.43	36.93	65.12	74.00	8.88
10640.00	50.36	AV	V	38.28	6.43	36.93	52.12	54.00	1.88
15960.00	46.99	PK	V	37.64	8.70	39.36	47.95	74.00	26.05
15960.00	32.26	AV	V	37.64	8.70	39.36	33.22	54.00	20.78
9655.00	45.37	PK	V	37.96	5.84	36.66	46.49	74.00	27.51
9655.00	32.13	AV	V	37.96	5.84	36.66	33.25	54.00	20.75

802.11 n ht40 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	72.16	PK	V	33.73	3.47	0.00	103.34	N/A	N/A
5270.00	61.18	AV	V	33.73	3.47	0.00	92.36	N/A	N/A
5270.00	58.58	PK	H	33.73	3.47	0.00	89.76	N/A	N/A
5270.00	48.56	AV	H	33.73	3.47	0.00	79.74	N/A	N/A
5150.00	28.04	PK	V	33.54	3.56	0.00	59.12	74.00	14.88
5150.00	14.43	AV	V	33.54	3.56	0.00	45.51	54.00	8.49
10540.00	63.35	PK	V	38.22	6.40	36.89	65.06	74.00	8.94
10540.00	50.05	AV	V	38.22	6.40	36.89	51.76	54.00	2.24
15810.00	46.37	PK	V	37.79	8.75	39.25	47.64	74.00	26.36
15810.00	32.62	AV	V	37.79	8.75	39.25	33.89	54.00	20.11
9355.00	44.79	PK	V	37.84	5.67	36.70	45.58	74.00	28.42
9355.00	32.28	AV	V	37.84	5.67	36.70	33.07	54.00	20.93
High Channel: 5310 MHz									
5310.00	71.57	PK	V	33.80	3.43	0.00	102.78	N/A	N/A
5310.00	61.35	AV	V	33.80	3.43	0.00	92.56	N/A	N/A
5310.00	58.93	PK	H	33.80	3.43	0.00	90.14	N/A	N/A
5310.00	48.38	AV	H	33.80	3.43	0.00	79.59	N/A	N/A
5350.00	27.96	PK	V	33.86	3.52	0.00	59.32	74.00	14.68
5350.00	14.35	AV	V	33.86	3.52	0.00	45.71	54.00	8.29
10620.00	63.53	PK	V	38.27	6.43	36.92	65.29	74.00	8.71
10620.00	50.65	AV	V	38.27	6.43	36.92	52.41	54.00	1.59
15930.00	46.94	PK	V	37.67	8.71	39.34	47.96	74.00	26.04
15930.00	32.42	AV	V	37.67	8.71	39.34	33.44	54.00	20.56
9655.00	45.36	PK	V	37.96	5.84	36.66	46.48	74.00	27.52
9655.00	32.15	AV	V	37.96	5.84	36.66	33.27	54.00	20.73

## 802.11 ac40 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	71.19	PK	V	33.73	3.47	0.00	102.37	N/A	N/A
5270.00	61.26	AV	V	33.73	3.47	0.00	92.44	N/A	N/A
5270.00	58.48	PK	H	33.73	3.47	0.00	89.66	N/A	N/A
5270.00	48.24	AV	H	33.73	3.47	0.00	79.42	N/A	N/A
5150.00	28.11	PK	V	33.54	3.56	0.00	59.19	74.00	14.81
5150.00	14.71	AV	V	33.54	3.56	0.00	45.79	54.00	8.21
10540.00	63.16	PK	V	38.22	6.40	36.89	64.87	74.00	9.13
10540.00	50.16	AV	V	38.22	6.40	36.89	51.87	54.00	2.13
15810.00	46.65	PK	V	37.79	8.75	39.25	47.92	74.00	26.08
15810.00	32.71	AV	V	37.79	8.75	39.25	33.98	54.00	20.02
9355.00	45.02	PK	V	37.84	5.67	36.70	45.81	74.00	28.19
9355.00	31.85	AV	V	37.84	5.67	36.70	32.64	54.00	21.36
High Channel: 5310 MHz									
5310.00	71.59	PK	V	33.80	3.43	0.00	102.80	N/A	N/A
5310.00	61.86	AV	V	33.80	3.43	0.00	93.07	N/A	N/A
5310.00	58.91	PK	H	33.80	3.43	0.00	90.12	N/A	N/A
5310.00	48.78	AV	H	33.80	3.43	0.00	79.99	N/A	N/A
5350.00	28.34	PK	V	33.86	3.52	0.00	59.70	74.00	14.30
5350.00	14.34	AV	V	33.86	3.52	0.00	45.70	54.00	8.30
10620.00	63.33	PK	V	38.27	6.43	36.92	65.09	74.00	8.91
10620.00	50.23	AV	V	38.27	6.43	36.92	51.99	54.00	2.01
15930.00	46.54	PK	V	37.67	8.71	39.34	47.56	74.00	26.44
15930.00	32.92	AV	V	37.67	8.71	39.34	33.94	54.00	20.06
9655.00	44.97	PK	V	37.96	5.84	36.66	46.09	74.00	27.91
9655.00	32.37	AV	V	37.96	5.84	36.66	33.49	54.00	20.51

## 802.11 ac80 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	66.06	PK	V	33.76	3.43	0.00	97.23	N/A	N/A
5290.00	56.73	AV	V	33.76	3.43	0.00	87.90	N/A	N/A
5290.00	57.86	PK	H	33.76	3.43	0.00	89.03	N/A	N/A
5290.00	47.26	AV	H	33.76	3.43	0.00	78.43	N/A	N/A
5150.00	27.59	PK	V	33.54	3.56	0.00	58.67	74.00	15.33
5150.00	14.36	AV	V	33.54	3.56	0.00	45.44	54.00	8.56
5350.00	28.01	PK	V	33.86	3.52	0.00	59.37	74.00	14.63
5350.00	15.18	AV	V	33.86	3.52	0.00	46.54	54.00	7.46
10580.00	63.38	PK	V	38.25	6.41	36.91	65.11	74.00	8.89
10580.00	50.16	AV	V	38.25	6.41	36.91	51.89	54.00	2.11
15870.00	46.36	PK	V	37.73	8.73	39.29	47.51	74.00	26.49
15870.00	32.74	AV	V	37.73	8.73	39.29	33.89	54.00	20.11
9685.00	45.37	PK	V	37.97	5.86	36.67	46.51	74.00	27.49
9685.00	32.32	AV	V	37.97	5.86	36.67	33.46	54.00	20.54

**Radio 1, 5250-5350MHz, Beamforming 4TX**

802.11a Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	77.54	PK	V	33.72	3.49	0.00	108.73	N/A	N/A
5260.00	67.33	AV	V	33.72	3.49	0.00	98.52	N/A	N/A
5260.00	66.98	PK	H	33.72	3.49	0.00	98.17	N/A	N/A
5260.00	57.11	AV	H	33.72	3.49	0.00	88.30	N/A	N/A
5150.00	27.74	PK	V	33.54	3.56	0.00	58.82	74.00	15.18
5150.00	15.27	AV	V	33.54	3.56	0.00	46.35	54.00	7.65
10520.00	63.37	PK	V	38.21	6.39	36.89	65.06	74.00	8.94
10520.00	50.76	AV	V	38.21	6.39	36.89	52.45	54.00	1.55
15780.00	46.42	PK	V	37.82	8.76	39.22	47.76	74.00	26.24
15780.00	32.66	AV	V	37.82	8.76	39.22	34.00	54.00	20.00
8921.00	45.45	PK	V	37.65	5.44	36.96	45.56	74.00	28.44
8921.00	31.89	AV	V	37.65	5.44	36.96	32.00	54.00	22.00
Middle Channel: 5300 MHz									
5300.00	77.56	PK	V	33.78	3.41	0.00	108.73	N/A	N/A
5300.00	67.45	AV	V	33.78	3.41	0.00	98.62	N/A	N/A
5300.00	66.95	PK	H	33.78	3.41	0.00	98.12	N/A	N/A
5300.00	56.86	AV	H	33.78	3.41	0.00	88.03	N/A	N/A
10600.00	63.19	PK	V	38.26	6.42	36.92	64.93	74.00	9.07
10600.00	50.25	AV	V	38.26	6.42	36.92	51.99	54.00	2.01
15900.00	46.57	PK	V	37.70	8.72	39.31	47.66	74.00	26.34
15900.00	33.65	AV	V	37.70	8.72	39.31	34.74	54.00	19.26
8995.00	46.15	PK	V	37.70	5.49	36.93	46.39	74.00	27.61
8995.00	31.98	AV	V	37.70	5.49	36.93	32.22	54.00	21.78
8666.00	45.16	PK	V	37.50	5.28	37.06	44.86	74.00	29.14
8666.00	32.60	AV	V	37.50	5.28	37.06	32.30	54.00	21.7
High Channel: 5320 MHz									
5320.00	77.42	PK	V	33.81	3.45	0.00	108.66	N/A	N/A
5320.00	67.26	AV	V	33.81	3.45	0.00	98.50	N/A	N/A
5320.00	66.93	PK	H	33.81	3.45	0.00	98.17	N/A	N/A
5320.00	57.13	AV	H	33.81	3.45	0.00	88.37	N/A	N/A
5350.00	27.58	PK	V	33.86	3.52	0.00	58.94	74.00	15.06
5350.00	15.18	AV	V	33.86	3.52	0.00	46.54	54.00	7.46
10640.00	63.12	PK	V	38.28	6.43	36.93	64.88	74.00	9.12
10640.00	50.54	AV	V	38.28	6.43	36.93	52.30	54.00	1.70
15960.00	46.44	PK	V	37.64	8.70	39.36	47.40	74.00	26.60
15960.00	32.48	AV	V	37.64	8.70	39.36	33.44	54.00	20.56
9655.00	45.16	PK	V	37.96	5.84	36.66	46.28	74.00	27.72
9655.00	31.93	AV	V	37.96	5.84	36.66	33.05	54.00	20.95



802.11n ht20 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	76.95	PK	V	33.72	3.49	0.00	108.14	N/A	N/A
5260.00	67.54	AV	V	33.72	3.49	0.00	98.73	N/A	N/A
5260.00	67.24	PK	H	33.72	3.49	0.00	98.43	N/A	N/A
5260.00	56.69	AV	H	33.72	3.49	0.00	87.88	N/A	N/A
5150.00	27.34	PK	V	33.54	3.56	0.00	58.42	74.00	15.58
5150.00	14.84	AV	V	33.54	3.56	0.00	45.92	54.00	8.08
10520.00	63.14	PK	V	38.21	6.39	36.89	64.83	74.00	9.17
10520.00	50.71	AV	V	38.21	6.39	36.89	52.40	54.00	1.60
15780.00	46.46	PK	V	37.82	8.76	39.22	47.80	74.00	26.20
15780.00	32.82	AV	V	37.82	8.76	39.22	34.16	54.00	19.84
9355.00	45.54	PK	V	37.84	5.67	36.70	46.33	74.00	27.67
9355.00	31.86	AV	V	37.84	5.67	36.70	32.65	54.00	21.35
Middle Channel: 5300 MHz									
5300.00	77.12	PK	V	33.78	3.41	0.00	108.29	N/A	N/A
5300.00	67.02	AV	V	33.78	3.41	0.00	98.19	N/A	N/A
5300.00	66.76	PK	H	33.78	3.41	0.00	97.93	N/A	N/A
5300.00	56.81	AV	H	33.78	3.41	0.00	87.98	N/A	N/A
10600.00	63.29	PK	V	38.26	6.42	36.92	65.03	74.00	8.97
10600.00	49.65	AV	V	38.26	6.42	36.92	51.39	54.00	2.61
15900.00	47.09	PK	V	37.70	8.72	39.31	48.18	74.00	25.82
15900.00	33.58	AV	V	37.70	8.72	39.31	34.67	54.00	19.33
8995.00	46.12	PK	V	37.70	5.49	36.93	46.36	74.00	27.64
8995.00	32.44	AV	V	37.70	5.49	36.93	32.68	54.00	21.32
9352.00	45.58	PK	V	37.84	5.67	36.70	46.37	74.00	27.63
9352.00	32.88	AV	V	37.84	5.67	36.70	33.67	54.00	20.33
High Channel: 5320 MHz									
5320.00	76.75	PK	V	33.81	3.45	0.00	107.99	N/A	N/A
5320.00	66.92	AV	V	33.81	3.45	0.00	98.16	N/A	N/A
5320.00	66.88	PK	H	33.81	3.45	0.00	98.12	N/A	N/A
5320.00	56.47	AV	H	33.81	3.45	0.00	87.71	N/A	N/A
5350.00	27.37	PK	V	33.86	3.52	0.00	58.73	74.00	15.27
5350.00	14.89	AV	V	33.86	3.52	0.00	46.25	54.00	7.75
10640.00	63.18	PK	V	38.28	6.43	36.93	64.94	74.00	9.06
10640.00	50.78	AV	V	38.28	6.43	36.93	52.54	54.00	1.46
15960.00	46.64	PK	V	37.64	8.70	39.36	47.60	74.00	26.40
15960.00	32.53	AV	V	37.64	8.70	39.36	33.49	54.00	20.51
9655.00	45.54	PK	V	37.96	5.84	36.66	46.66	74.00	27.34
9655.00	32.23	AV	V	37.96	5.84	36.66	33.35	54.00	20.65

## 802.11 ac20 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5260 MHz									
5260.00	77.75	PK	V	33.72	3.49	0.00	108.94	N/A	N/A
5260.00	67.46	AV	V	33.72	3.49	0.00	98.65	N/A	N/A
5260.00	67.24	PK	H	33.72	3.49	0.00	98.43	N/A	N/A
5260.00	56.56	AV	H	33.72	3.49	0.00	87.75	N/A	N/A
5150.00	27.38	PK	V	33.54	3.56	0.00	58.46	74.00	15.54
5150.00	14.95	AV	V	33.54	3.56	0.00	46.03	54.00	7.97
10520.00	62.89	PK	V	38.21	6.39	36.89	64.58	74.00	9.42
10520.00	50.57	AV	V	38.21	6.39	36.89	52.26	54.00	1.74
15780.00	46.28	PK	V	37.82	8.76	39.22	47.62	74.00	26.38
15780.00	32.94	AV	V	37.82	8.76	39.22	34.28	54.00	19.72
9355.00	45.09	PK	V	37.84	5.67	36.70	45.88	74.00	28.12
9355.00	31.74	AV	V	37.84	5.67	36.70	32.53	54.00	21.47
Middle Channel: 5300 MHz									
5300.00	77.68	PK	V	33.78	3.41	0.00	108.85	N/A	N/A
5300.00	67.34	AV	V	33.78	3.41	0.00	98.51	N/A	N/A
5300.00	66.07	PK	H	33.78	3.41	0.00	97.24	N/A	N/A
5300.00	56.48	AV	H	33.78	3.41	0.00	87.65	N/A	N/A
10600.00	63.31	PK	V	38.26	6.42	36.92	65.05	74.00	8.95
10600.00	49.63	AV	V	38.26	6.42	36.92	51.37	54.00	2.63
15900.00	47.21	PK	V	37.70	8.72	39.31	48.30	74.00	25.7
15900.00	33.87	AV	V	37.70	8.72	39.31	34.96	54.00	19.04
8995.00	46.45	PK	V	37.70	5.49	36.93	46.69	74.00	27.31
8995.00	32.72	AV	V	37.70	5.49	36.93	32.96	54.00	21.04
9352.00	45.34	PK	V	37.84	5.67	36.70	46.13	74.00	27.87
9352.00	32.94	AV	V	37.84	5.67	36.70	33.73	54.00	20.27
High Channel: 5320 MHz									
5320.00	77.01	PK	V	33.81	3.45	0.00	108.25	N/A	N/A
5320.00	67.72	AV	V	33.81	3.45	0.00	98.96	N/A	N/A
5320.00	67.13	PK	H	33.81	3.45	0.00	98.37	N/A	N/A
5320.00	56.49	AV	H	33.81	3.45	0.00	87.73	N/A	N/A
5350.00	27.19	PK	V	33.86	3.52	0.00	58.55	74.00	15.45
5350.00	14.45	AV	V	33.86	3.52	0.00	45.81	54.00	8.19
10640.00	62.77	PK	V	38.28	6.43	36.93	64.53	74.00	9.47
10640.00	50.87	AV	V	38.28	6.43	36.93	52.63	54.00	1.37
15960.00	46.66	PK	V	37.64	8.70	39.36	47.62	74.00	26.38
15960.00	32.69	AV	V	37.64	8.70	39.36	33.65	54.00	20.35
9655.00	45.47	PK	V	37.96	5.84	36.66	46.59	74.00	27.41
9655.00	32.37	AV	V	37.96	5.84	36.66	33.49	54.00	20.51

802.11 n ht40 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	73.25	PK	V	33.73	3.47	0.00	104.43	N/A	N/A
5270.00	63.33	AV	V	33.73	3.47	0.00	94.51	N/A	N/A
5270.00	58.54	PK	H	33.73	3.47	0.00	89.72	N/A	N/A
5270.00	48.87	AV	H	33.73	3.47	0.00	80.05	N/A	N/A
5150.00	28.16	PK	V	33.54	3.56	0.00	59.24	74.00	14.76
5150.00	14.62	AV	V	33.54	3.56	0.00	45.70	54.00	8.30
10540.00	63.17	PK	V	38.22	6.40	36.89	64.88	74.00	9.12
10540.00	49.81	AV	V	38.22	6.40	36.89	51.52	54.00	2.48
15810.00	46.45	PK	V	37.79	8.75	39.25	47.72	74.00	26.28
15810.00	32.87	AV	V	37.79	8.75	39.25	34.14	54.00	19.86
9355.00	45.09	PK	V	37.84	5.67	36.70	45.88	74.00	28.12
9355.00	32.66	AV	V	37.84	5.67	36.70	33.45	54.00	20.55
High Channel: 5310 MHz									
5310.00	73.15	PK	V	33.80	3.43	0.00	104.36	N/A	N/A
5310.00	63.13	AV	V	33.80	3.43	0.00	94.34	N/A	N/A
5310.00	58.85	PK	H	33.80	3.43	0.00	90.06	N/A	N/A
5310.00	48.64	AV	H	33.80	3.43	0.00	79.85	N/A	N/A
5350.00	27.51	PK	V	33.86	3.52	0.00	58.87	74.00	15.13
5350.00	14.55	AV	V	33.86	3.52	0.00	45.91	54.00	8.09
10620.00	63.47	PK	V	38.27	6.43	36.92	65.23	74.00	8.77
10620.00	49.84	AV	V	38.27	6.43	36.92	51.60	54.00	2.40
15930.00	46.36	PK	V	37.67	8.71	39.34	47.38	74.00	26.62
15930.00	32.74	AV	V	37.67	8.71	39.34	33.76	54.00	20.24
9655.00	45.29	PK	V	37.96	5.84	36.66	46.41	74.00	27.59
9655.00	32.33	AV	V	37.96	5.84	36.66	33.45	54.00	20.55

## 802.11 ac40 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5270 MHz									
5270.00	73.33	PK	V	33.73	3.47	0.00	104.51	N/A	N/A
5270.00	63.36	AV	V	33.73	3.47	0.00	94.54	N/A	N/A
5270.00	58.55	PK	H	33.73	3.47	0.00	89.73	N/A	N/A
5270.00	49.16	AV	H	33.73	3.47	0.00	80.34	N/A	N/A
5150.00	27.85	PK	V	33.54	3.56	0.00	58.93	74.00	15.07
5150.00	14.54	AV	V	33.54	3.56	0.00	45.62	54.00	8.38
10540.00	63.48	PK	V	38.22	6.40	36.89	65.19	74.00	8.81
10540.00	49.92	AV	V	38.22	6.40	36.89	51.63	54.00	2.37
15810.00	46.28	PK	V	37.79	8.75	39.25	47.55	74.00	26.45
15810.00	32.74	AV	V	37.79	8.75	39.25	34.01	54.00	19.99
9355.00	45.99	PK	V	37.84	5.67	36.70	46.78	74.00	27.22
9355.00	32.40	AV	V	37.84	5.67	36.70	33.19	54.00	20.81
High Channel: 5310 MHz									
5310.00	73.09	PK	V	33.80	3.43	0.00	104.30	N/A	N/A
5310.00	63.22	AV	V	33.80	3.43	0.00	94.43	N/A	N/A
5310.00	58.88	PK	H	33.80	3.43	0.00	90.09	N/A	N/A
5310.00	48.97	AV	H	33.80	3.43	0.00	80.18	N/A	N/A
5350.00	28.18	PK	V	33.86	3.52	0.00	59.54	74.00	14.46
5350.00	14.64	AV	V	33.86	3.52	0.00	46.00	54.00	8.00
10620.00	63.11	PK	V	38.27	6.43	36.92	64.87	74.00	9.13
10620.00	49.51	AV	V	38.27	6.43	36.92	51.27	54.00	2.73
15930.00	46.21	PK	V	37.67	8.71	39.34	47.23	74.00	26.77
15930.00	32.29	AV	V	37.67	8.71	39.34	33.31	54.00	20.69
9655.00	44.88	PK	V	37.96	5.84	36.66	46.00	74.00	28.00
9655.00	32.57	AV	V	37.96	5.84	36.66	33.69	54.00	20.31

## 802.11 ac80 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5290 MHz									
5290.00	68.53	PK	V	33.76	3.43	0.00	99.70	N/A	N/A
5290.00	58.63	AV	V	33.76	3.43	0.00	89.80	N/A	N/A
5290.00	58.02	PK	H	33.76	3.43	0.00	89.19	N/A	N/A
5290.00	47.57	AV	H	33.76	3.43	0.00	78.74	N/A	N/A
5150.00	27.89	PK	V	33.54	3.56	0.00	58.97	74.00	15.03
5150.00	14.26	AV	V	33.54	3.56	0.00	45.34	54.00	8.66
5350.00	27.93	PK	V	33.86	3.52	0.00	59.29	74.00	14.71
5350.00	15.45	AV	V	33.86	3.52	0.00	46.81	54.00	7.19
10580.00	63.03	PK	V	38.25	6.41	36.91	64.76	74.00	9.24
10580.00	49.98	AV	V	38.25	6.41	36.91	51.71	54.00	2.29
15870.00	46.61	PK	V	37.73	8.73	39.29	47.76	74.00	26.24
15870.00	32.46	AV	V	37.73	8.73	39.29	33.61	54.00	20.39
9685.00	45.18	PK	V	37.97	5.86	36.67	46.32	74.00	27.68
9685.00	32.31	AV	V	37.97	5.86	36.67	33.45	54.00	20.55

**Radio 1, 5470-5725MHz, SISO:**

802.11a Mode(Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	66.58	PK	H	34.10	3.54	0.00	98.20	N/A	N/A
5500.00	56.26	AV	H	34.10	3.54	0.00	87.88	N/A	N/A
5500.00	73.31	PK	V	34.10	3.54	0.00	104.93	N/A	N/A
5500.00	63.36	AV	V	34.10	3.54	0.00	94.98	N/A	N/A
5470.00	28.39	PK	V	34.05	3.56	0.00	59.98	74.00	14.02
5470.00	17.91	AV	V	34.05	3.56	0.00	49.50	54.00	4.50
11000.00	60.42	PK	V	38.50	6.57	37.06	62.41	74.00	11.59
11000.00	47.84	AV	V	38.50	6.57	37.06	49.83	54.00	4.17
16500.00	45.53	PK	V	38.20	8.63	39.30	47.04	74.00	26.96
16500.00	35.22	AV	V	38.20	8.63	39.30	36.73	54.00	17.27
8679.00	44.25	PK	V	37.51	5.28	37.05	43.97	74.00	30.03
8679.00	34.38	AV	V	37.51	5.28	37.05	34.10	54.00	19.90
Middle Channel: 5580 MHz									
5580.00	66.62	PK	H	34.13	3.56	0.00	98.29	N/A	N/A
5580.00	56.05	AV	H	34.13	3.56	0.00	87.72	N/A	N/A
5580.00	73.21	PK	V	34.13	3.56	0.00	104.88	N/A	N/A
5580.00	64.10	AV	V	34.13	3.56	0.00	95.77	N/A	N/A
11160.00	60.57	PK	V	38.66	6.58	37.16	62.63	74.00	11.37
11160.00	47.26	AV	V	38.66	6.58	37.16	49.32	54.00	4.68
16740.00	45.85	PK	V	39.16	8.67	39.05	48.61	74.00	25.39
16740.00	34.97	AV	V	39.16	8.67	39.05	37.73	54.00	16.27
13354.00	44.57	PK	V	40.14	7.40	38.65	47.44	74.00	26.56
13354.00	35.21	AV	V	40.14	7.40	38.65	38.08	54.00	15.92
8965.00	44.00	PK	V	37.68	5.47	36.94	44.19	74.00	29.81
8965.00	34.32	AV	V	37.68	5.47	36.94	34.51	54.00	19.49
High Channel: 5700 MHz									
5700.00	66.65	PK	H	34.18	3.68	0.00	98.49	N/A	N/A
5700.00	56.16	AV	H	34.18	3.68	0.00	88.00	N/A	N/A
5700.00	73.29	PK	V	34.18	3.68	0.00	105.13	N/A	N/A
5700.00	63.40	AV	V	34.18	3.68	0.00	95.24	N/A	N/A
5725.00	28.59	PK	V	34.19	3.69	0.00	60.45	74.00	13.55
5725.00	18.01	AV	V	34.19	3.69	0.00	49.87	54.00	4.13
11400.00	60.58	PK	V	38.90	6.59	37.30	62.75	74.00	11.25
11400.00	47.64	AV	V	38.90	6.59	37.30	49.81	54.00	4.19
17100.00	45.41	PK	V	40.78	8.75	38.70	50.22	74.00	23.78
17100.00	35.02	AV	V	40.78	8.75	38.70	39.83	54.00	14.17
9655.00	44.13	PK	V	37.96	5.84	36.66	45.25	74.00	28.75
9655.00	34.44	AV	V	37.96	5.84	36.66	35.56	54.00	18.44

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	69.89	PK	H	34.19	3.69	0.00	101.75	N/A	N/A
5720.00	59.55	AV	H	34.19	3.69	0.00	91.41	N/A	N/A
5720.00	74.61	PK	V	34.19	3.69	0.00	106.47	N/A	N/A
5720.00	64.29	AV	V	34.19	3.69	0.00	96.15	N/A	N/A
11440.00	60.71	PK	V	38.94	6.59	37.32	62.90	74.00	11.10
11440.00	47.36	AV	V	38.94	6.59	37.32	49.55	54.00	4.45
17160.00	45.86	PK	V	41.13	8.76	38.66	51.07	74.00	22.93
17160.00	35.04	AV	V	41.13	8.76	38.66	40.25	54.00	13.75
8972.00	44.40	PK	V	37.68	5.47	36.94	44.59	74.00	29.41
8972.00	34.28	AV	V	37.68	5.47	36.94	34.47	54.00	19.53
9355.00	44.34	PK	V	37.84	5.67	36.70	45.13	74.00	28.87
9355.00	34.41	AV	V	37.84	5.67	36.70	35.20	54.00	18.80

802.11n ht20 Mode (Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	66.65	PK	H	34.10	3.54	0.00	98.27	N/A	N/A
5500.00	56.38	AV	H	34.10	3.54	0.00	88.00	N/A	N/A
5500.00	73.34	PK	V	34.10	3.54	0.00	104.96	N/A	N/A
5500.00	63.47	AV	V	34.10	3.54	0.00	95.09	N/A	N/A
5470.00	28.43	PK	V	34.05	3.56	0.00	60.02	74.00	13.98
5470.00	17.98	AV	V	34.05	3.56	0.00	49.57	54.00	4.43
11000.00	60.41	PK	V	38.50	6.57	37.06	62.40	74.00	11.60
11000.00	48.01	AV	V	38.50	6.57	37.06	50.00	54.00	4.00
16500.00	45.63	PK	V	38.20	8.63	39.30	47.14	74.00	26.86
16500.00	35.27	AV	V	38.20	8.63	39.30	36.78	54.00	17.22
13567.00	44.12	PK	V	40.49	7.44	38.79	47.24	74.00	26.76
13567.00	34.57	AV	V	40.49	7.44	38.79	37.69	54.00	16.31
Middle Channel: 5580 MHz									
5580.00	66.42	PK	H	34.13	3.56	0.00	98.09	N/A	N/A
5580.00	56.06	AV	H	34.13	3.56	0.00	87.73	N/A	N/A
5580.00	73.06	PK	V	34.13	3.56	0.00	104.73	N/A	N/A
5580.00	64.29	AV	V	34.13	3.56	0.00	95.96	N/A	N/A
11160.00	60.57	PK	V	38.66	6.58	37.16	62.63	74.00	11.37
11160.00	47.22	AV	V	38.66	6.58	37.16	49.28	54.00	4.72
16740.00	45.93	PK	V	39.16	8.67	39.05	48.69	74.00	25.31
16740.00	34.99	AV	V	39.16	8.67	39.05	37.75	54.00	16.25
12566.00	44.38	PK	V	38.63	7.05	38.28	45.76	74.00	28.24
12566.00	35.15	AV	V	38.63	7.05	38.28	36.53	54.00	17.47
9345.00	44.03	PK	V	37.84	5.66	36.71	44.80	74.00	29.2
9345.00	34.19	AV	V	37.84	5.66	36.71	34.96	54.00	19.04
High Channel: 5700 MHz									
5700.00	66.51	PK	H	34.18	3.68	0.00	98.35	N/A	N/A
5700.00	56.28	AV	H	34.18	3.68	0.00	88.12	N/A	N/A
5700.00	73.12	PK	V	34.18	3.68	0.00	104.96	N/A	N/A
5700.00	63.25	AV	V	34.18	3.68	0.00	95.09	N/A	N/A
5725.00	28.29	PK	V	34.19	3.69	0.00	60.15	74.00	13.85
5725.00	17.82	AV	V	34.19	3.69	0.00	49.68	54.00	4.32
11400.00	60.46	PK	V	38.90	6.59	37.30	62.63	74.00	11.37
11400.00	47.96	AV	V	38.90	6.59	37.30	50.13	54.00	3.87
17100.00	45.58	PK	V	40.78	8.75	38.70	50.39	74.00	23.61
17100.00	35.38	AV	V	40.78	8.75	38.70	40.19	54.00	13.81
9655.00	44.17	PK	V	37.96	5.84	36.66	45.29	74.00	28.71
9655.00	34.24	AV	V	37.96	5.84	36.66	35.36	54.00	18.64

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	69.62	PK	H	34.19	3.69	0.00	101.48	N/A	N/A
5720.00	59.16	AV	H	34.19	3.69	0.00	91.02	N/A	N/A
5720.00	74.11	PK	V	34.19	3.69	0.00	105.97	N/A	N/A
5720.00	64.03	AV	V	34.19	3.69	0.00	95.89	N/A	N/A
11440.00	60.74	PK	V	38.94	6.59	37.32	62.93	74.00	11.07
11440.00	47.21	AV	V	38.94	6.59	37.32	49.40	54.00	4.60
17160.00	45.85	PK	V	41.13	8.76	38.66	51.06	74.00	22.94
17160.00	35.13	AV	V	41.13	8.76	38.66	40.34	54.00	13.66
8655.00	44.46	PK	V	37.49	5.27	37.06	44.14	74.00	29.86
8655.00	35.47	AV	V	37.49	5.27	37.06	35.15	54.00	18.85
9165.00	44.11	PK	V	37.77	5.57	36.82	44.61	74.00	29.39
9165.00	34.27	AV	V	37.77	5.57	36.82	34.77	54.00	19.23



802.11 ac20 Mode(Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	66.59	PK	H	34.10	3.54	0.00	98.21	N/A	N/A
5500.00	56.21	AV	H	34.10	3.54	0.00	87.83	N/A	N/A
5500.00	73.19	PK	V	34.10	3.54	0.00	104.81	N/A	N/A
5500.00	63.22	AV	V	34.10	3.54	0.00	94.84	N/A	N/A
5470.00	28.26	PK	V	34.05	3.56	0.00	59.85	74.00	14.15
5470.00	17.74	AV	V	34.05	3.56	0.00	49.33	54.00	4.67
11000.00	60.53	PK	V	38.50	6.57	37.06	62.52	74.00	11.48
11000.00	47.67	AV	V	38.50	6.57	37.06	49.66	54.00	4.34
16500.00	45.46	PK	V	38.20	8.63	39.30	46.97	74.00	27.03
16500.00	35.22	AV	V	38.20	8.63	39.30	36.73	54.00	17.27
8772.00	44.15	PK	V	37.56	5.34	37.02	44.01	74.00	29.99
8772.00	34.32	AV	V	37.56	5.34	37.02	34.18	54.00	19.82
Middle Channel: 5580 MHz									
5580.00	66.68	PK	H	34.13	3.56	0.00	98.35	N/A	N/A
5580.00	56.18	AV	H	34.13	3.56	0.00	87.85	N/A	N/A
5580.00	73.31	PK	V	34.13	3.56	0.00	104.98	N/A	N/A
5580.00	64.29	AV	V	34.13	3.56	0.00	95.96	N/A	N/A
11160.00	60.77	PK	V	38.66	6.58	37.16	62.83	74.00	11.17
11160.00	47.27	AV	V	38.66	6.58	37.16	49.33	54.00	4.67
16740.00	45.81	PK	V	39.16	8.67	39.05	48.57	74.00	25.43
16740.00	35.03	AV	V	39.16	8.67	39.05	37.79	54.00	16.21
13478.00	44.56	PK	V	40.36	7.41	38.69	47.62	74.00	26.38
13478.00	35.32	AV	V	40.36	7.41	38.69	38.38	54.00	15.62
8933.00	43.92	PK	V	37.66	5.45	36.96	44.05	74.00	29.95
8933.00	34.21	AV	V	37.66	5.45	36.96	34.34	54.00	19.66
High Channel: 5700 MHz									
5700.00	66.57	PK	H	34.18	3.68	0.00	98.41	N/A	N/A
5700.00	56.39	AV	H	34.18	3.68	0.00	88.23	N/A	N/A
5700.00	73.46	PK	V	34.18	3.68	0.00	105.30	N/A	N/A
5700.00	63.26	AV	V	34.18	3.68	0.00	95.10	N/A	N/A
5725.00	28.25	PK	V	34.19	3.69	0.00	60.11	74.00	13.89
5725.00	18.11	AV	V	34.19	3.69	0.00	49.97	54.00	4.03
11400.00	60.42	PK	V	38.90	6.59	37.30	62.59	74.00	11.41
11400.00	47.65	AV	V	38.90	6.59	37.30	49.82	54.00	4.18
17100.00	45.61	PK	V	40.78	8.75	38.70	50.42	74.00	23.58
17100.00	35.02	AV	V	40.78	8.75	38.70	39.83	54.00	14.17
9365.00	44.14	PK	V	37.85	5.67	36.70	44.94	74.00	29.06
9365.00	34.37	AV	V	37.85	5.67	36.70	35.17	54.00	18.83

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	69.53	PK	H	34.19	3.69	0.00	101.39	N/A	N/A
5720.00	59.95	AV	H	34.19	3.69	0.00	91.81	N/A	N/A
5720.00	75.35	PK	V	34.19	3.69	0.00	107.21	N/A	N/A
5720.00	65.27	AV	V	34.19	3.69	0.00	97.13	N/A	N/A
11440.00	60.46	PK	V	38.94	6.59	37.32	62.65	74.00	11.35
11440.00	47.15	AV	V	38.94	6.59	37.32	49.34	54.00	4.66
17160.00	45.87	PK	V	41.13	8.76	38.66	51.08	74.00	22.92
17160.00	34.79	AV	V	41.13	8.76	38.66	40.00	54.00	14.00
8655.00	44.68	PK	V	37.49	5.27	37.06	44.36	74.00	29.64
8655.00	35.16	AV	V	37.49	5.27	37.06	34.84	54.00	19.16
9165.00	44.03	PK	V	37.77	5.57	36.82	44.53	74.00	29.47
9165.00	34.13	AV	V	37.77	5.57	36.82	34.63	54.00	19.37

802.11 n ht40 Mode(Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	63.42	PK	H	34.10	3.54	0.00	95.04	N/A	N/A
5510.00	53.25	AV	H	34.10	3.54	0.00	84.87	N/A	N/A
5510.00	70.17	PK	V	34.10	3.54	0.00	101.79	N/A	N/A
5510.00	60.29	AV	V	34.10	3.54	0.00	91.91	N/A	N/A
5470.00	28.92	PK	V	34.05	3.56	0.00	60.51	74.00	13.49
5470.00	17.91	AV	V	34.05	3.56	0.00	49.50	54.00	4.50
11020.00	59.93	PK	V	38.52	6.57	37.07	61.93	74.00	12.07
11020.00	47.47	AV	V	38.52	6.57	37.07	49.47	54.00	4.53
16530.00	45.52	PK	V	38.32	8.64	39.27	47.19	74.00	26.81
16530.00	35.72	AV	V	38.32	8.64	39.27	37.39	54.00	16.61
8364.00	46.37	PK	V	37.24	5.06	37.01	45.64	74.00	28.36
8364.00	34.44	AV	V	37.24	5.06	37.01	33.71	54.00	20.29
Middle Channel: 5550 MHz									
5550.00	63.26	PK	H	34.12	3.56	0.00	94.92	N/A	N/A
5550.00	53.12	AV	H	34.12	3.56	0.00	84.78	N/A	N/A
5550.00	70.24	PK	V	34.12	3.56	0.00	101.90	N/A	N/A
5550.00	60.08	AV	V	34.12	3.56	0.00	91.74	N/A	N/A
11100.00	59.92	PK	V	38.60	6.57	37.12	61.95	74.00	12.05
11100.00	47.47	AV	V	38.60	6.57	37.12	49.50	54.00	4.5
16650.00	45.67	PK	V	38.80	8.66	39.14	47.97	74.00	26.03
16650.00	35.73	AV	V	38.80	8.66	39.14	38.03	54.00	15.97
9546.00	46.38	PK	V	37.92	5.77	36.62	47.43	74.00	26.57
9546.00	34.34	AV	V	37.92	5.77	36.62	35.39	54.00	18.61
8537.00	46.28	PK	V	37.42	5.19	37.11	45.76	74.00	28.24
8537.00	34.57	AV	V	37.42	5.19	37.11	34.05	54.00	19.95
High Channel: 5670 MHz									
5670.00	63.25	PK	H	34.17	3.65	0.00	95.05	N/A	N/A
5670.00	53.09	AV	H	34.17	3.65	0.00	84.89	N/A	N/A
5670.00	70.06	PK	V	34.17	3.65	0.00	101.86	N/A	N/A
5670.00	60.14	AV	V	34.17	3.65	0.00	91.94	N/A	N/A
5725.00	29.01	PK	V	34.19	3.69	37.33	23.54	74.00	50.46
5725.00	17.84	AV	V	34.19	3.69	37.33	12.37	54.00	41.63
11340.00	59.87	PK	V	38.84	6.58	37.26	62.01	74.00	11.99
11340.00	47.35	AV	V	38.84	6.58	37.26	49.49	54.00	4.51
17010.00	45.64	PK	V	40.26	8.72	38.76	49.84	74.00	24.16
17010.00	35.92	AV	V	40.26	8.72	38.76	40.12	54.00	13.88
9655.00	46.48	PK	V	37.96	5.84	36.66	47.60	74.00	26.40
9655.00	34.41	AV	V	37.96	5.84	36.66	35.53	54.00	18.47

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	64.35	PK	H	34.18	3.68	0.00	96.19	N/A	N/A
5710.00	54.73	AV	H	34.18	3.68	0.00	86.57	N/A	N/A
5710.00	73.22	PK	V	34.18	3.68	0.00	105.06	N/A	N/A
5710.00	63.75	AV	V	34.18	3.68	0.00	95.59	N/A	N/A
11420.00	59.63	PK	V	38.92	6.59	37.31	61.81	74.00	12.19
11420.00	47.85	AV	V	38.92	6.59	37.31	50.03	54.00	3.97
17130.00	45.73	PK	V	40.95	8.75	38.68	50.73	74.00	23.27
17130.00	35.52	AV	V	40.95	8.75	38.68	40.52	54.00	13.48
9546.00	45.06	PK	V	37.92	5.77	36.62	46.11	74.00	27.89
9546.00	34.39	AV	V	37.92	5.77	36.62	35.44	54.00	18.56
8537.00	45.82	PK	V	37.42	5.19	37.11	45.30	74.00	28.7
8537.00	33.49	AV	V	37.42	5.19	37.11	32.97	54.00	21.03

802.11 ac40 Mode(Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	63.24	PK	H	34.10	3.54	0.00	94.86	N/A	N/A
5510.00	53.45	AV	H	34.10	3.54	0.00	85.07	N/A	N/A
5510.00	70.26	PK	V	34.10	3.54	0.00	101.88	N/A	N/A
5510.00	60.43	AV	V	34.10	3.54	0.00	92.05	N/A	N/A
5470.00	28.92	PK	V	34.05	3.56	0.00	60.51	74.00	13.49
5470.00	17.89	AV	V	34.05	3.56	0.00	49.48	54.00	4.52
11020.00	59.91	PK	V	38.52	6.57	37.07	61.91	74.00	12.09
11020.00	47.31	AV	V	38.52	6.57	37.07	49.31	54.00	4.69
16530.00	45.51	PK	V	38.32	8.64	39.27	47.18	74.00	26.82
16530.00	35.65	AV	V	38.32	8.64	39.27	37.32	54.00	16.68
8455.00	46.35	PK	V	37.35	5.13	37.08	45.73	74.00	28.27
8455.00	34.49	AV	V	37.35	5.13	37.08	33.87	54.00	20.13
Middle Channel: 5550 MHz									
5550.00	64.52	PK	H	34.12	3.56	0.00	96.18	N/A	N/A
5550.00	54.76	AV	H	34.12	3.56	0.00	86.42	N/A	N/A
5550.00	73.36	PK	V	34.12	3.56	0.00	105.02	N/A	N/A
5550.00	63.94	AV	V	34.12	3.56	0.00	95.60	N/A	N/A
11100.00	59.46	PK	V	38.60	6.57	37.12	61.49	74.00	12.51
11100.00	47.76	AV	V	38.60	6.57	37.12	49.79	54.00	4.21
16650.00	45.85	PK	V	38.80	8.66	39.14	48.15	74.00	25.85
16650.00	35.69	AV	V	38.80	8.66	39.14	37.99	54.00	16.01
14578.00	45.13	PK	V	41.51	7.84	39.11	49.35	74.00	24.65
14578.00	34.51	AV	V	41.51	7.84	39.11	38.73	54.00	15.27
9144.00	45.71	PK	V	37.76	5.56	36.84	46.17	74.00	27.83
9144.00	33.35	AV	V	37.76	5.56	36.84	33.81	54.00	20.19
High Channel: 5670 MHz									
5670.00	63.33	PK	H	34.17	3.65	0.00	95.13	N/A	N/A
5670.00	53.41	AV	H	34.17	3.65	0.00	85.21	N/A	N/A
5670.00	70.05	PK	V	34.17	3.65	0.00	101.85	N/A	N/A
5670.00	60.28	AV	V	34.17	3.65	0.00	92.08	N/A	N/A
5725.00	28.93	PK	V	34.19	3.69	0.00	60.79	74.00	13.21
5725.00	17.91	AV	V	34.19	3.69	0.00	49.77	54.00	4.23
11340.00	60.07	PK	V	38.84	6.58	37.26	62.21	74.00	11.79
11340.00	47.46	AV	V	38.84	6.58	37.26	49.60	54.00	4.40
17010.00	45.64	PK	V	40.26	8.72	38.76	49.84	74.00	24.16
17010.00	35.82	AV	V	40.26	8.72	38.76	40.02	54.00	13.98
8961.00	46.21	PK	V	37.68	5.47	36.94	46.40	74.00	27.60
8961.00	34.54	AV	V	37.68	5.47	36.94	34.73	54.00	19.27

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	64.54	PK	H	34.18	3.68	0.00	96.38	N/A	N/A
5710.00	54.91	AV	H	34.18	3.68	0.00	86.75	N/A	N/A
5710.00	73.19	PK	V	34.18	3.68	0.00	105.03	N/A	N/A
5710.00	63.57	AV	V	34.18	3.68	0.00	95.41	N/A	N/A
11420.00	59.45	PK	V	38.92	6.59	37.31	61.63	74.00	12.37
11420.00	47.92	AV	V	38.92	6.59	37.31	50.10	54.00	3.9
17130.00	45.67	PK	V	40.95	8.75	38.68	50.67	74.00	23.33
17130.00	35.64	AV	V	40.95	8.75	38.68	40.64	54.00	13.36
9546.00	45.26	PK	V	37.92	5.77	36.62	46.31	74.00	27.69
9546.00	34.29	AV	V	37.92	5.77	36.62	35.34	54.00	18.66
8537.00	45.71	PK	V	37.42	5.19	37.11	45.19	74.00	28.81
8537.00	33.33	AV	V	37.42	5.19	37.11	32.81	54.00	21.19

802.11 ac80 Mode (Chain 0 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5530 MHz									
5530.00	60.19	PK	H	34.11	3.55	0.00	91.83	N/A	N/A
5530.00	50.11	AV	H	34.11	3.55	0.00	81.75	N/A	N/A
5530.00	66.81	PK	V	34.11	3.55	0.00	98.45	N/A	N/A
5530.00	56.56	AV	V	34.11	3.55	0.00	88.20	N/A	N/A
5470.00	29.02	PK	V	34.05	3.56	0.00	60.61	74.00	13.39
5470.00	18.48	AV	V	34.05	3.56	0.00	50.07	54.00	3.93
5824.00	28.66	PK	V	34.23	3.73	0.00	60.60	74.00	13.40
5824.00	17.44	AV	V	34.23	3.73	0.00	49.38	54.00	4.62
11060.00	63.54	PK	V	38.56	6.57	37.10	65.55	74.00	8.45
11060.00	46.93	AV	V	38.56	6.57	37.10	48.94	54.00	5.06
16590.00	46.27	PK	V	38.56	8.65	39.20	48.26	74.00	25.74
16590.00	33.69	AV	V	38.56	8.65	39.20	35.68	54.00	18.32
8435.00	45.48	PK	V	37.32	5.12	37.07	44.83	74.00	29.17
8435.00	32.31	AV	V	37.32	5.12	37.07	31.66	54.00	22.34
Middle Channel: 5610 MHz									
5610.00	60.09	PK	H	34.14	3.58	0.00	91.79	N/A	N/A
5610.00	50.38	AV	H	34.14	3.58	0.00	82.08	N/A	N/A
5610.00	66.84	PK	V	34.14	3.58	0.00	98.54	N/A	N/A
5610.00	56.36	AV	V	34.14	3.58	0.00	88.06	N/A	N/A
5470.00	29.15	PK	V	34.05	3.56	0.00	60.74	74.00	13.26
5470.00	18.68	AV	V	34.05	3.56	0.00	50.27	54.00	3.73
5725.00	28.54	PK	V	34.19	3.69	0.00	60.40	74.00	13.60
5725.00	17.38	AV	V	34.19	3.69	0.00	49.24	54.00	4.76
11220.00	63.35	PK	V	38.72	6.58	37.19	65.44	74.00	8.56
11220.00	46.96	AV	V	38.72	6.58	37.19	49.05	54.00	4.95
16830.00	46.07	PK	V	39.52	8.69	38.95	49.31	74.00	24.69
16830.00	33.84	AV	V	39.52	8.69	38.95	37.08	54.00	16.92
8468.00	45.62	PK	V	37.36	5.14	37.09	45.01	74.00	28.99
8468.00	32.45	AV	V	37.36	5.14	37.09	31.84	54.00	22.16
High Channel: 5690 MHz									
5690.00	60.01	PK	H	34.18	3.67	0.00	91.84	N/A	N/A
5690.00	50.28	AV	H	34.18	3.67	0.00	82.11	N/A	N/A
5690.00	66.88	PK	V	34.18	3.67	0.00	98.71	N/A	N/A
5690.00	56.54	AV	V	34.18	3.67	0.00	88.37	N/A	N/A
11380.00	63.62	PK	V	38.88	6.59	37.29	65.78	74.00	8.22
11380.00	46.86	AV	V	38.88	6.59	37.29	49.02	54.00	4.98
17070.00	46.31	PK	V	40.61	8.74	38.72	50.92	74.00	23.08
17070.00	33.83	AV	V	40.61	8.74	38.72	38.44	54.00	15.56
8165.00	45.56	PK	V	37.00	4.90	36.85	44.59	74.00	29.41
8165.00	32.14	AV	V	37.00	4.90	36.85	31.17	54.00	22.83
8435.00	45.62	PK	V	37.32	5.12	37.07	44.97	74.00	29.03
8435.00	32.17	AV	V	37.32	5.12	37.07	31.52	54.00	22.48

**Radio 1, 5470-5725MHz, Non-beamforming 2TX**

802.11a Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	70.57	PK	H	34.10	3.54	0.00	102.19	N/A	N/A
5500.00	60.17	AV	H	34.10	3.54	0.00	91.79	N/A	N/A
5500.00	77.43	PK	V	34.10	3.54	0.00	109.05	N/A	N/A
5500.00	67.47	AV	V	34.10	3.54	0.00	99.09	N/A	N/A
5470.00	28.38	PK	V	34.05	3.56	0.00	59.97	74.00	14.03
5470.00	17.79	AV	V	34.05	3.56	0.00	49.38	54.00	4.62
11000.00	60.39	PK	V	38.50	6.57	37.06	62.38	74.00	11.62
11000.00	47.72	AV	V	38.50	6.57	37.06	49.71	54.00	4.29
16500.00	45.42	PK	V	38.20	8.63	39.30	46.93	74.00	27.07
16500.00	35.22	AV	V	38.20	8.63	39.30	36.73	54.00	17.27
8679.00	44.07	PK	V	37.51	5.28	37.05	43.79	74.00	30.21
8679.00	34.53	AV	V	37.51	5.28	37.05	34.25	54.00	19.75
Middle Channel: 5580 MHz									
5580.00	70.53	PK	H	34.13	3.56	0.00	102.20	N/A	N/A
5580.00	60.11	AV	H	34.13	3.56	0.00	91.78	N/A	N/A
5580.00	77.13	PK	V	34.13	3.56	0.00	108.80	N/A	N/A
5580.00	67.93	AV	V	34.13	3.56	0.00	99.60	N/A	N/A
11160.00	60.68	PK	V	38.66	6.58	37.16	62.74	74.00	11.26
11160.00	47.15	AV	V	38.66	6.58	37.16	49.21	54.00	4.79
16740.00	45.78	PK	V	39.16	8.67	39.05	48.54	74.00	25.46
16740.00	35.06	AV	V	39.16	8.67	39.05	37.82	54.00	16.18
13354.00	44.57	PK	V	40.14	7.40	38.65	47.44	74.00	26.56
13354.00	35.05	AV	V	40.14	7.40	38.65	37.92	54.00	16.08
8965.00	44.13	PK	V	37.68	5.47	36.94	44.32	74.00	29.68
8965.00	34.51	AV	V	37.68	5.47	36.94	34.70	54.00	19.3
High Channel: 5700 MHz									
5700.00	70.84	PK	H	34.18	3.68	0.00	102.68	N/A	N/A
5700.00	60.39	AV	H	34.18	3.68	0.00	92.23	N/A	N/A
5700.00	77.16	PK	V	34.18	3.68	0.00	109.00	N/A	N/A
5700.00	66.97	AV	V	34.18	3.68	0.00	98.81	N/A	N/A
5725.00	28.32	PK	V	34.19	3.69	0.00	60.18	74.00	13.82
5725.00	17.17	AV	V	34.19	3.69	0.00	49.03	54.00	4.97
11400.00	60.39	PK	V	38.90	6.59	37.30	62.56	74.00	11.44
11400.00	47.67	AV	V	38.90	6.59	37.30	49.84	54.00	4.16
17100.00	45.64	PK	V	40.78	8.75	38.70	50.45	74.00	23.55
17100.00	35.64	AV	V	40.78	8.75	38.70	40.45	54.00	13.55
9655.00	44.26	PK	V	37.96	5.84	36.66	45.38	74.00	28.62
9655.00	34.63	AV	V	37.96	5.84	36.66	35.75	54.00	18.25



Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	70.79	PK	H	34.19	3.69	0.00	102.65	N/A	N/A
5720.00	60.56	AV	H	34.19	3.69	0.00	92.42	N/A	N/A
5720.00	78.81	PK	V	34.19	3.69	0.00	110.67	N/A	N/A
5720.00	68.38	AV	V	34.19	3.69	0.00	100.24	N/A	N/A
11440.00	60.88	PK	V	38.94	6.59	37.32	63.07	74.00	10.93
11440.00	47.54	AV	V	38.94	6.59	37.32	49.73	54.00	4.27
17160.00	45.76	PK	V	41.13	8.76	38.66	50.97	74.00	23.03
17160.00	34.85	AV	V	41.13	8.76	38.66	40.06	54.00	13.94
8972.00	44.45	PK	V	37.68	5.47	36.94	44.64	74.00	29.36
8972.00	34.33	AV	V	37.68	5.47	36.94	34.52	54.00	19.48
9355.00	44.16	PK	V	37.84	5.67	36.70	44.95	74.00	29.05
9355.00	34.59	AV	V	37.84	5.67	36.70	35.38	54.00	18.62

## 802.11n ht20 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	70.77	PK	H	34.10	3.54	0.00	102.39	N/A	N/A
5500.00	60.36	AV	H	34.10	3.54	0.00	91.98	N/A	N/A
5500.00	77.45	PK	V	34.10	3.54	0.00	109.07	N/A	N/A
5500.00	67.46	AV	V	34.10	3.54	0.00	99.08	N/A	N/A
5470.00	28.39	PK	V	34.05	3.56	0.00	59.98	74.00	14.02
5470.00	17.92	AV	V	34.05	3.56	0.00	49.51	54.00	4.49
11000.00	60.19	PK	V	38.50	6.57	37.06	62.18	74.00	11.82
11000.00	47.67	AV	V	38.50	6.57	37.06	49.66	54.00	4.34
16500.00	45.43	PK	V	38.20	8.63	39.30	46.94	74.00	27.06
16500.00	35.23	AV	V	38.20	8.63	39.30	36.74	54.00	17.26
13567.00	44.27	PK	V	40.49	7.44	38.79	47.39	74.00	26.61
13567.00	34.44	AV	V	40.49	7.44	38.79	37.56	54.00	16.44
Middle Channel: 5580 MHz									
5580.00	70.44	PK	H	34.13	3.56	0.00	102.11	N/A	N/A
5580.00	60.02	AV	H	34.13	3.56	0.00	91.69	N/A	N/A
5580.00	77.33	PK	V	34.13	3.56	0.00	109.00	N/A	N/A
5580.00	68.04	AV	V	34.13	3.56	0.00	99.71	N/A	N/A
11160.00	60.86	PK	V	38.66	6.58	37.16	62.92	74.00	11.08
11160.00	47.28	AV	V	38.66	6.58	37.16	49.34	54.00	4.66
16740.00	45.98	PK	V	39.16	8.67	39.05	48.74	74.00	25.26
16740.00	34.94	AV	V	39.16	8.67	39.05	37.70	54.00	16.3
12566.00	44.38	PK	V	38.63	7.05	38.28	45.76	74.00	28.24
12566.00	34.92	AV	V	38.63	7.05	38.28	36.30	54.00	17.7
9345.00	44.32	PK	V	37.84	5.66	36.71	45.09	74.00	28.91
9345.00	34.37	AV	V	37.84	5.66	36.71	35.14	54.00	18.86
High Channel: 5700 MHz									
5700.00	70.64	PK	H	34.18	3.68	0.00	102.48	N/A	N/A
5700.00	60.07	AV	H	34.18	3.68	0.00	91.91	N/A	N/A
5700.00	77.36	PK	V	34.18	3.68	0.00	109.20	N/A	N/A
5700.00	67.54	AV	V	34.18	3.68	0.00	99.38	N/A	N/A
5725.00	28.19	PK	V	34.19	3.69	0.00	60.05	74.00	13.95
5725.00	17.77	AV	V	34.19	3.69	0.00	49.63	54.00	4.37
11400.00	60.26	PK	V	38.90	6.59	37.30	62.43	74.00	11.57
11400.00	47.84	AV	V	38.90	6.59	37.30	50.01	54.00	3.99
17100.00	45.47	PK	V	40.78	8.75	38.70	50.28	74.00	23.72
17100.00	35.35	AV	V	40.78	8.75	38.70	40.16	54.00	13.84
9655.00	44.09	PK	V	37.96	5.84	36.66	45.21	74.00	28.79
9655.00	34.37	AV	V	37.96	5.84	36.66	35.49	54.00	18.51

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	70.53	PK	H	34.19	3.69	0.00	102.39	N/A	N/A
5720.00	60.29	AV	H	34.19	3.69	0.00	92.15	N/A	N/A
5720.00	77.32	PK	V	34.19	3.69	0.00	109.18	N/A	N/A
5720.00	67.77	AV	V	34.19	3.69	0.00	99.63	N/A	N/A
11440.00	60.48	PK	V	38.94	6.59	37.32	62.67	74.00	11.33
11440.00	47.25	AV	V	38.94	6.59	37.32	49.44	54.00	4.56
17160.00	45.64	PK	V	41.13	8.76	38.66	50.85	74.00	23.15
17160.00	35.09	AV	V	41.13	8.76	38.66	40.30	54.00	13.70
8655.00	44.55	PK	V	37.49	5.27	37.06	44.23	74.00	29.77
8655.00	34.89	AV	V	37.49	5.27	37.06	34.57	54.00	19.43
9165.00	44.24	PK	V	37.77	5.57	36.82	44.74	74.00	29.26
9165.00	34.42	AV	V	37.77	5.57	36.82	34.92	54.00	19.08

802.11 ac20 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	70.76	PK	H	34.10	3.54	0.00	102.38	N/A	N/A
5500.00	60.11	AV	H	34.10	3.54	0.00	91.73	N/A	N/A
5500.00	77.53	PK	V	34.10	3.54	0.00	109.15	N/A	N/A
5500.00	67.44	AV	V	34.10	3.54	0.00	99.06	N/A	N/A
5470.00	28.54	PK	V	34.05	3.56	0.00	60.13	74.00	13.87
5470.00	17.96	AV	V	34.05	3.56	0.00	49.55	54.00	4.45
11000.00	60.28	PK	V	38.50	6.57	37.06	62.27	74.00	11.73
11000.00	47.56	AV	V	38.50	6.57	37.06	49.55	54.00	4.45
16500.00	45.36	PK	V	38.20	8.63	39.30	46.87	74.00	27.13
16500.00	35.31	AV	V	38.20	8.63	39.30	36.82	54.00	17.18
8772.00	43.95	PK	V	37.56	5.34	37.02	43.81	74.00	30.19
8772.00	34.49	AV	V	37.56	5.34	37.02	34.35	54.00	19.65
Middle Channel: 5580 MHz									
5580.00	70.63	PK	H	34.13	3.56	0.00	102.30	N/A	N/A
5580.00	60.25	AV	H	34.13	3.56	0.00	91.92	N/A	N/A
5580.00	77.21	PK	V	34.13	3.56	0.00	108.88	N/A	N/A
5580.00	67.77	AV	V	34.13	3.56	0.00	99.44	N/A	N/A
11160.00	60.68	PK	V	38.66	6.58	37.16	62.74	74.00	11.26
11160.00	47.19	AV	V	38.66	6.58	37.16	49.25	54.00	4.75
16740.00	45.84	PK	V	39.16	8.67	39.05	48.60	74.00	25.4
16740.00	35.02	AV	V	39.16	8.67	39.05	37.78	54.00	16.22
13478.00	44.67	PK	V	40.36	7.41	38.69	47.73	74.00	26.27
13478.00	34.95	AV	V	40.36	7.41	38.69	38.01	54.00	15.99
8933.00	44.07	PK	V	37.66	5.45	36.96	44.20	74.00	29.8
8933.00	34.63	AV	V	37.66	5.45	36.96	34.76	54.00	19.24
High Channel: 5700 MHz									
5700.00	70.71	PK	H	34.18	3.68	0.00	102.55	N/A	N/A
5700.00	60.12	AV	H	34.18	3.68	0.00	91.96	N/A	N/A
5700.00	77.47	PK	V	34.18	3.68	0.00	109.31	N/A	N/A
5700.00	67.66	AV	V	34.18	3.68	0.00	99.50	N/A	N/A
5725.00	28.57	PK	V	34.19	3.69	0.00	60.43	74.00	13.57
5725.00	17.63	AV	V	34.19	3.69	0.00	49.49	54.00	4.51
11400.00	60.29	PK	V	38.90	6.59	37.30	62.46	74.00	11.54
11400.00	47.68	AV	V	38.90	6.59	37.30	49.85	54.00	4.15
17100.00	45.23	PK	V	40.78	8.75	38.70	50.04	74.00	23.96
17100.00	35.28	AV	V	40.78	8.75	38.70	40.09	54.00	13.91
9365.00	44.01	PK	V	37.85	5.67	36.70	44.81	74.00	29.19
9365.00	34.51	AV	V	37.85	5.67	36.70	35.31	54.00	18.69

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	70.42	PK	H	34.19	3.69	0.00	102.28	N/A	N/A
5720.00	59.95	AV	H	34.19	3.69	0.00	91.81	N/A	N/A
5720.00	77.58	PK	V	34.19	3.69	0.00	109.44	N/A	N/A
5720.00	67.34	AV	V	34.19	3.69	0.00	99.20	N/A	N/A
11440.00	60.53	PK	V	38.94	6.59	37.32	62.72	74.00	11.28
11440.00	47.31	AV	V	38.94	6.59	37.32	49.50	54.00	4.50
17160.00	45.66	PK	V	41.13	8.76	38.66	50.87	74.00	23.13
17160.00	34.91	AV	V	41.13	8.76	38.66	40.12	54.00	13.88
8655.00	44.75	PK	V	37.49	5.27	37.06	44.43	74.00	29.57
8655.00	35.17	AV	V	37.49	5.27	37.06	34.85	54.00	19.15
9165.00	45.84	PK	V	37.77	5.57	36.82	46.34	74.00	27.66
9165.00	32.63	AV	V	37.77	5.57	36.82	33.13	54.00	20.87

802.11 n ht40 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	64.33	PK	H	34.10	3.54	0.00	95.95	N/A	N/A
5510.00	54.18	AV	H	34.10	3.54	0.00	85.80	N/A	N/A
5510.00	73.18	PK	V	34.10	3.54	0.00	104.80	N/A	N/A
5510.00	63.25	AV	V	34.10	3.54	0.00	94.87	N/A	N/A
5470.00	28.81	PK	V	34.05	3.56	0.00	60.40	74.00	13.60
5470.00	17.78	AV	V	34.05	3.56	0.00	49.37	54.00	4.63
11020.00	59.93	PK	V	38.52	6.57	37.07	61.93	74.00	12.07
11020.00	47.42	AV	V	38.52	6.57	37.07	49.42	54.00	4.58
16530.00	45.48	PK	V	38.32	8.64	39.27	47.15	74.00	26.85
16530.00	35.68	AV	V	38.32	8.64	39.27	37.35	54.00	16.65
8364.00	46.25	PK	V	37.24	5.06	37.01	45.52	74.00	28.48
8364.00	34.31	AV	V	37.24	5.06	37.01	33.58	54.00	20.42
Middle Channel: 5550 MHz									
5550.00	64.41	PK	H	34.12	3.56	0.00	96.07	N/A	N/A
5550.00	54.08	AV	H	34.12	3.56	0.00	85.74	N/A	N/A
5550.00	73.22	PK	V	34.12	3.56	0.00	104.88	N/A	N/A
5550.00	63.24	AV	V	34.12	3.56	0.00	94.90	N/A	N/A
11100.00	60.03	PK	V	38.60	6.57	37.12	62.06	74.00	11.94
11100.00	47.95	AV	V	38.60	6.57	37.12	49.98	54.00	4.02
16650.00	45.48	PK	V	38.80	8.66	39.14	47.78	74.00	26.22
16650.00	35.18	AV	V	38.80	8.66	39.14	37.48	54.00	16.52
9546.00	44.27	PK	V	37.92	5.77	36.62	45.32	74.00	28.68
9546.00	34.50	AV	V	37.92	5.77	36.62	35.55	54.00	18.45
8537.00	44.23	PK	V	37.42	5.19	37.11	43.71	74.00	30.29
8537.00	34.68	AV	V	37.42	5.19	37.11	34.16	54.00	19.84
High Channel: 5670 MHz									
5670.00	64.16	PK	H	34.17	3.65	0.00	95.96	N/A	N/A
5670.00	54.46	AV	H	34.17	3.65	0.00	86.26	N/A	N/A
5670.00	73.58	PK	V	34.17	3.65	0.00	105.38	N/A	N/A
5670.00	63.85	AV	V	34.17	3.65	0.00	95.65	N/A	N/A
5725.00	28.86	PK	V	34.19	3.69	37.33	23.39	74.00	50.61
5725.00	17.85	AV	V	34.19	3.69	37.33	12.38	54.00	41.62
11340.00	59.79	PK	V	38.84	6.58	37.26	61.93	74.00	12.07
11340.00	47.66	AV	V	38.84	6.58	37.26	49.80	54.00	4.20
17010.00	45.73	PK	V	40.26	8.72	38.76	49.93	74.00	24.07
17010.00	35.48	AV	V	40.26	8.72	38.76	39.68	54.00	14.32
9655.00	44.87	PK	V	37.96	5.84	36.66	45.99	74.00	28.01
9655.00	34.41	AV	V	37.96	5.84	36.66	35.53	54.00	18.47

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	64.35	PK	H	34.18	3.68	0.00	96.19	N/A	N/A
5710.00	54.73	AV	H	34.18	3.68	0.00	86.57	N/A	N/A
5710.00	73.22	PK	V	34.18	3.68	0.00	105.06	N/A	N/A
5710.00	63.75	AV	V	34.18	3.68	0.00	95.59	N/A	N/A
11420.00	59.63	PK	V	38.92	6.59	37.31	61.81	74.00	12.19
11420.00	47.85	AV	V	38.92	6.59	37.31	50.03	54.00	3.97
17130.00	45.73	PK	V	40.95	8.75	38.68	50.73	74.00	23.27
17130.00	35.52	AV	V	40.95	8.75	38.68	40.52	54.00	13.48
9546.00	45.06	PK	V	37.92	5.77	36.62	46.11	74.00	27.89
9546.00	34.39	AV	V	37.92	5.77	36.62	35.44	54.00	18.56
8537.00	45.82	PK	V	37.42	5.19	37.11	45.30	74.00	28.7
8537.00	33.49	AV	V	37.42	5.19	37.11	32.97	54.00	21.03

802.11 ac40 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	64.45	PK	H	34.10	3.54	0.00	96.07	N/A	N/A
5510.00	54.32	AV	H	34.10	3.54	0.00	85.94	N/A	N/A
5510.00	73.34	PK	V	34.10	3.54	0.00	104.96	N/A	N/A
5510.00	63.26	AV	V	34.10	3.54	0.00	94.88	N/A	N/A
5470.00	28.87	PK	V	34.05	3.56	0.00	60.46	74.00	13.54
5470.00	17.96	AV	V	34.05	3.56	0.00	49.55	54.00	4.45
11020.00	59.88	PK	V	38.52	6.57	37.07	61.88	74.00	12.12
11020.00	47.46	AV	V	38.52	6.57	37.07	49.46	54.00	4.54
16530.00	45.29	PK	V	38.32	8.64	39.27	46.96	74.00	27.04
16530.00	35.58	AV	V	38.32	8.64	39.27	37.25	54.00	16.75
8455.00	46.28	PK	V	37.35	5.13	37.08	45.66	74.00	28.34
8455.00	34.16	AV	V	37.35	5.13	37.08	33.54	54.00	20.46
Middle Channel: 5550 MHz									
5550.00	64.22	PK	H	34.12	3.56	0.00	95.88	N/A	N/A
5550.00	54.26	AV	H	34.12	3.56	0.00	85.92	N/A	N/A
5550.00	73.48	PK	V	34.12	3.56	0.00	105.14	N/A	N/A
5550.00	63.41	AV	V	34.12	3.56	0.00	95.07	N/A	N/A
11100.00	60.16	PK	V	38.60	6.57	37.12	62.19	74.00	11.81
11100.00	47.91	AV	V	38.60	6.57	37.12	49.94	54.00	4.06
16650.00	45.56	PK	V	38.80	8.66	39.14	47.86	74.00	26.14
16650.00	35.32	AV	V	38.80	8.66	39.14	37.62	54.00	16.38
14578.00	44.09	PK	V	41.51	7.84	39.11	48.31	74.00	25.69
14578.00	34.35	AV	V	41.51	7.84	39.11	38.57	54.00	15.43
9144.00	44.42	PK	V	37.76	5.56	36.84	44.88	74.00	29.12
9144.00	34.82	AV	V	37.76	5.56	36.84	35.28	54.00	18.72
High Channel: 5670 MHz									
5670.00	64.41	PK	H	34.17	3.65	0.00	96.21	N/A	N/A
5670.00	54.13	AV	H	34.17	3.65	0.00	85.93	N/A	N/A
5670.00	72.99	PK	V	34.17	3.65	0.00	104.79	N/A	N/A
5670.00	63.45	AV	V	34.17	3.65	0.00	95.25	N/A	N/A
5725.00	28.93	PK	V	34.19	3.69	0.00	60.79	74.00	13.21
5725.00	17.97	AV	V	34.19	3.69	0.00	49.83	54.00	4.17
11340.00	59.85	PK	V	38.84	6.58	37.26	61.99	74.00	12.01
11340.00	47.52	AV	V	38.84	6.58	37.26	49.66	54.00	4.34
17010.00	45.29	PK	V	40.26	8.72	38.76	49.49	74.00	24.51
17010.00	35.72	AV	V	40.26	8.72	38.76	39.92	54.00	14.08
8961.00	46.41	PK	V	37.68	5.47	36.94	46.60	74.00	27.40
8961.00	34.31	AV	V	37.68	5.47	36.94	34.50	54.00	19.50



Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	64.45	PK	H	34.18	3.68	0.00	96.29	N/A	N/A
5710.00	54.08	AV	H	34.18	3.68	0.00	85.92	N/A	N/A
5710.00	73.38	PK	V	34.18	3.68	0.00	105.22	N/A	N/A
5710.00	63.15	AV	V	34.18	3.68	0.00	94.99	N/A	N/A
11420.00	59.92	PK	V	38.92	6.59	37.31	62.10	74.00	11.9
11420.00	48.08	AV	V	38.92	6.59	37.31	50.26	54.00	3.74
17130.00	45.54	PK	V	40.95	8.75	38.68	50.54	74.00	23.46
17130.00	35.05	AV	V	40.95	8.75	38.68	40.05	54.00	13.95
9546.00	44.16	PK	V	37.92	5.77	36.62	45.21	74.00	28.79
9546.00	34.75	AV	V	37.92	5.77	36.62	35.80	54.00	18.2
8537.00	44.18	PK	V	37.42	5.19	37.11	43.66	74.00	30.34
8537.00	34.85	AV	V	37.42	5.19	37.11	34.33	54.00	19.67

802.11 ac80 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5530 MHz									
5530.00	60.23	PK	H	34.11	3.55	0.00	91.87	N/A	N/A
5530.00	50.25	AV	H	34.11	3.55	0.00	81.89	N/A	N/A
5530.00	69.71	PK	V	34.11	3.55	0.00	101.35	N/A	N/A
5530.00	59.01	AV	V	34.11	3.55	0.00	90.65	N/A	N/A
5470.00	28.87	PK	V	34.05	3.56	0.00	60.46	74.00	13.54
5470.00	18.38	AV	V	34.05	3.56	0.00	49.97	54.00	4.03
5824.00	28.47	PK	V	34.23	3.73	0.00	60.41	74.00	13.59
5824.00	17.63	AV	V	34.23	3.73	0.00	49.57	54.00	4.43
11060.00	63.33	PK	V	38.56	6.57	37.10	65.34	74.00	8.66
11060.00	46.94	AV	V	38.56	6.57	37.10	48.95	54.00	5.05
16590.00	46.09	PK	V	38.56	8.65	39.20	48.08	74.00	25.92
16590.00	33.56	AV	V	38.56	8.65	39.20	35.55	54.00	18.45
8435.00	45.58	PK	V	37.32	5.12	37.07	44.93	74.00	29.07
8435.00	32.41	AV	V	37.32	5.12	37.07	31.76	54.00	22.24
Middle Channel: 5610 MHz									
5610.00	60.41	PK	H	34.14	3.58	0.00	92.11	N/A	N/A
5610.00	50.15	AV	H	34.14	3.58	0.00	81.85	N/A	N/A
5610.00	69.76	PK	V	34.14	3.58	0.00	101.46	N/A	N/A
5610.00	58.86	AV	V	34.14	3.58	0.00	90.56	N/A	N/A
5470.00	28.76	PK	V	34.05	3.56	0.00	60.35	74.00	13.65
5470.00	18.56	AV	V	34.05	3.56	0.00	50.15	54.00	3.85
5725.00	28.40	PK	V	34.19	3.69	0.00	60.26	74.00	13.74
5725.00	17.54	AV	V	34.19	3.69	0.00	49.40	54.00	4.60
11220.00	63.51	PK	V	38.72	6.58	37.19	65.60	74.00	8.40
11220.00	46.86	AV	V	38.72	6.58	37.19	48.95	54.00	5.05
16830.00	46.08	PK	V	39.52	8.69	38.95	49.32	74.00	24.68
16830.00	33.75	AV	V	39.52	8.69	38.95	36.99	54.00	17.01
8468.00	45.47	PK	V	37.36	5.14	37.09	44.86	74.00	29.14
8468.00	32.26	AV	V	37.36	5.14	37.09	31.65	54.00	22.35
High Channel: 5690 MHz									
5690.00	60.05	PK	H	34.18	3.67	0.00	91.88	N/A	N/A
5690.00	50.33	AV	H	34.18	3.67	0.00	82.16	N/A	N/A
5690.00	69.86	PK	V	34.18	3.67	0.00	101.69	N/A	N/A
5690.00	59.16	AV	V	34.18	3.67	0.00	90.99	N/A	N/A
11380.00	63.28	PK	V	38.88	6.59	37.29	65.44	74.00	8.56
11380.00	46.82	AV	V	38.88	6.59	37.29	48.98	54.00	5.02
17070.00	45.97	PK	V	40.61	8.74	38.72	50.58	74.00	23.42
17070.00	33.41	AV	V	40.61	8.74	38.72	38.02	54.00	15.98
8165.00	45.67	PK	V	37.00	4.90	36.85	44.70	74.00	29.30
8165.00	32.42	AV	V	37.00	4.90	36.85	31.45	54.00	22.55
8435.00	45.62	PK	V	37.32	5.12	37.07	44.97	74.00	29.03
8435.00	32.35	AV	V	37.32	5.12	37.07	31.70	54.00	22.30

**Radio 1, 5470-5725MHz, Non-beamforming 3TX**

802.11a Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	72.37	PK	H	34.10	3.54	0.00	103.99	N/A	N/A
5500.00	62.15	AV	H	34.10	3.54	0.00	93.77	N/A	N/A
5500.00	80.32	PK	V	34.10	3.54	0.00	111.94	N/A	N/A
5500.00	70.43	AV	V	34.10	3.54	0.00	102.05	N/A	N/A
5470.00	28.43	PK	V	34.05	3.56	0.00	60.02	74.00	13.98
5470.00	17.77	AV	V	34.05	3.56	0.00	49.36	54.00	4.64
11000.00	60.37	PK	V	38.50	6.57	37.06	62.36	74.00	11.64
11000.00	47.71	AV	V	38.50	6.57	37.06	49.70	54.00	4.30
16500.00	45.34	PK	V	38.20	8.63	39.30	46.85	74.00	27.15
16500.00	35.21	AV	V	38.20	8.63	39.30	36.72	54.00	17.28
8679.00	44.19	PK	V	37.51	5.28	37.05	43.91	74.00	30.09
8679.00	34.56	AV	V	37.51	5.28	37.05	34.28	54.00	19.72
Middle Channel: 5580 MHz									
5580.00	72.57	PK	H	34.13	3.56	0.00	104.24	N/A	N/A
5580.00	62.26	AV	H	34.13	3.56	0.00	93.93	N/A	N/A
5580.00	80.31	PK	V	34.13	3.56	0.00	111.98	N/A	N/A
5580.00	70.81	AV	V	34.13	3.56	0.00	102.48	N/A	N/A
11160.00	60.49	PK	V	38.66	6.58	37.16	62.55	74.00	11.45
11160.00	47.30	AV	V	38.66	6.58	37.16	49.36	54.00	4.64
16740.00	45.73	PK	V	39.16	8.67	39.05	48.49	74.00	25.51
16740.00	35.24	AV	V	39.16	8.67	39.05	38.00	54.00	16
13354.00	44.52	PK	V	40.14	7.40	38.65	47.39	74.00	26.61
13354.00	34.87	AV	V	40.14	7.40	38.65	37.74	54.00	16.26
8965.00	44.28	PK	V	37.68	5.47	36.94	44.47	74.00	29.53
8965.00	34.47	AV	V	37.68	5.47	36.94	34.66	54.00	19.34
High Channel: 5700 MHz									
5700.00	72.86	PK	H	34.18	3.68	0.00	104.70	N/A	N/A
5700.00	60.29	AV	H	34.18	3.68	0.00	92.13	N/A	N/A
5700.00	80.31	PK	V	34.18	3.68	0.00	112.15	N/A	N/A
5700.00	70.01	AV	V	34.18	3.68	0.00	101.85	N/A	N/A
5725.00	28.47	PK	V	34.19	3.69	0.00	60.33	74.00	13.67
5725.00	17.16	AV	V	34.19	3.69	0.00	49.02	54.00	4.98
11400.00	60.49	PK	V	38.90	6.59	37.30	62.66	74.00	11.34
11400.00	47.47	AV	V	38.90	6.59	37.30	49.64	54.00	4.36
17100.00	45.52	PK	V	40.78	8.75	38.70	50.33	74.00	23.67
17100.00	35.49	AV	V	40.78	8.75	38.70	40.30	54.00	13.70
9655.00	44.44	PK	V	37.96	5.84	36.66	45.56	74.00	28.44
9655.00	34.52	AV	V	37.96	5.84	36.66	35.64	54.00	18.36

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	72.81	PK	H	34.19	3.69	0.00	104.67	N/A	N/A
5720.00	62.48	AV	H	34.19	3.69	0.00	94.34	N/A	N/A
5720.00	80.65	PK	V	34.19	3.69	0.00	112.51	N/A	N/A
5720.00	70.42	AV	V	34.19	3.69	0.00	102.28	N/A	N/A
11440.00	60.83	PK	V	38.94	6.59	37.32	63.02	74.00	10.98
11440.00	47.45	AV	V	38.94	6.59	37.32	49.64	54.00	4.36
17160.00	45.59	PK	V	41.13	8.76	38.66	50.80	74.00	23.20
17160.00	35.01	AV	V	41.13	8.76	38.66	40.22	54.00	13.78
8972.00	44.34	PK	V	37.68	5.47	36.94	44.53	74.00	29.47
8972.00	34.51	AV	V	37.68	5.47	36.94	34.70	54.00	19.30
9355.00	44.33	PK	V	37.84	5.67	36.70	45.12	74.00	28.88
9355.00	34.46	AV	V	37.84	5.67	36.70	35.25	54.00	18.75

802.11n ht20 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	72.35	PK	H	34.10	3.54	0.00	103.97	N/A	N/A
5500.00	62.25	AV	H	34.10	3.54	0.00	93.87	N/A	N/A
5500.00	80.44	PK	V	34.10	3.54	0.00	112.06	N/A	N/A
5500.00	70.63	AV	V	34.10	3.54	0.00	102.25	N/A	N/A
5470.00	28.49	PK	V	34.05	3.56	0.00	60.08	74.00	13.92
5470.00	17.97	AV	V	34.05	3.56	0.00	49.56	54.00	4.44
11000.00	60.26	PK	V	38.50	6.57	37.06	62.25	74.00	11.75
11000.00	47.78	AV	V	38.50	6.57	37.06	49.77	54.00	4.23
16500.00	45.21	PK	V	38.20	8.63	39.30	46.72	74.00	27.28
16500.00	35.37	AV	V	38.20	8.63	39.30	36.88	54.00	17.12
13567.00	44.34	PK	V	40.49	7.44	38.79	47.46	74.00	26.54
13567.00	34.68	AV	V	40.49	7.44	38.79	37.80	54.00	16.20
Middle Channel: 5580 MHz									
5580.00	72.76	PK	H	34.13	3.56	0.00	104.43	N/A	N/A
5580.00	62.22	AV	H	34.13	3.56	0.00	93.89	N/A	N/A
5580.00	80.23	PK	V	34.13	3.56	0.00	111.90	N/A	N/A
5580.00	70.91	AV	V	34.13	3.56	0.00	102.58	N/A	N/A
11160.00	60.43	PK	V	38.66	6.58	37.16	62.49	74.00	11.51
11160.00	47.48	AV	V	38.66	6.58	37.16	49.54	54.00	4.46
16740.00	45.82	PK	V	39.16	8.67	39.05	48.58	74.00	25.42
16740.00	35.12	AV	V	39.16	8.67	39.05	37.88	54.00	16.12
12566.00	44.51	PK	V	38.63	7.05	38.28	45.89	74.00	28.11
12566.00	34.76	AV	V	38.63	7.05	38.28	36.14	54.00	17.86
9345.00	44.31	PK	V	37.84	5.66	36.71	45.08	74.00	28.92
9345.00	34.41	AV	V	37.84	5.66	36.71	35.18	54.00	18.82
High Channel: 5700 MHz									
5700.00	72.49	PK	H	34.18	3.68	0.00	104.33	N/A	N/A
5700.00	62.06	AV	H	34.18	3.68	0.00	93.90	N/A	N/A
5700.00	80.47	PK	V	34.18	3.68	0.00	112.31	N/A	N/A
5700.00	70.55	AV	V	34.18	3.68	0.00	102.39	N/A	N/A
5725.00	28.61	PK	V	34.19	3.69	0.00	60.47	74.00	13.53
5725.00	17.96	AV	V	34.19	3.69	0.00	49.82	54.00	4.18
11400.00	60.35	PK	V	38.90	6.59	37.30	62.52	74.00	11.48
11400.00	47.84	AV	V	38.90	6.59	37.30	50.01	54.00	3.99
17100.00	45.44	PK	V	40.78	8.75	38.70	50.25	74.00	23.75
17100.00	35.03	AV	V	40.78	8.75	38.70	39.84	54.00	14.16
9655.00	44.37	PK	V	37.96	5.84	36.66	45.49	74.00	28.51
9655.00	34.52	AV	V	37.96	5.84	36.66	35.64	54.00	18.36

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	72.53	PK	H	34.19	3.69	0.00	104.39	N/A	N/A
5720.00	62.24	AV	H	34.19	3.69	0.00	94.10	N/A	N/A
5720.00	80.38	PK	V	34.19	3.69	0.00	112.24	N/A	N/A
5720.00	70.71	AV	V	34.19	3.69	0.00	102.57	N/A	N/A
11440.00	60.47	PK	V	38.94	6.59	37.32	62.66	74.00	11.34
11440.00	47.12	AV	V	38.94	6.59	37.32	49.31	54.00	4.69
17160.00	45.83	PK	V	41.13	8.76	38.66	51.04	74.00	22.96
17160.00	35.31	AV	V	41.13	8.76	38.66	40.52	54.00	13.48
8655.00	44.65	PK	V	37.49	5.27	37.06	44.33	74.00	29.67
8655.00	35.01	AV	V	37.49	5.27	37.06	34.69	54.00	19.31
9165.00	44.26	PK	V	37.77	5.57	36.82	44.76	74.00	29.24
9165.00	34.49	AV	V	37.77	5.57	36.82	34.99	54.00	19.01

## 802.11 ac20 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	72.28	PK	H	34.10	3.54	0.00	103.90	N/A	N/A
5500.00	62.04	AV	H	34.10	3.54	0.00	93.66	N/A	N/A
5500.00	80.48	PK	V	34.10	3.54	0.00	112.10	N/A	N/A
5500.00	70.64	AV	V	34.10	3.54	0.00	102.26	N/A	N/A
5470.00	28.42	PK	V	34.05	3.56	0.00	60.01	74.00	13.99
5470.00	17.58	AV	V	34.05	3.56	0.00	49.17	54.00	4.83
11000.00	60.32	PK	V	38.50	6.57	37.06	62.31	74.00	11.69
11000.00	47.67	AV	V	38.50	6.57	37.06	49.66	54.00	4.34
16500.00	45.54	PK	V	38.20	8.63	39.30	47.05	74.00	26.95
16500.00	35.39	AV	V	38.20	8.63	39.30	36.90	54.00	17.10
8772.00	44.36	PK	V	37.56	5.34	37.02	44.22	74.00	29.78
8772.00	34.55	AV	V	37.56	5.34	37.02	34.41	54.00	19.59
Middle Channel: 5580 MHz									
5580.00	72.72	PK	H	34.13	3.56	0.00	104.39	N/A	N/A
5580.00	62.36	AV	H	34.13	3.56	0.00	94.03	N/A	N/A
5580.00	80.16	PK	V	34.13	3.56	0.00	111.83	N/A	N/A
5580.00	70.78	AV	V	34.13	3.56	0.00	102.45	N/A	N/A
11160.00	60.56	PK	V	38.66	6.58	37.16	62.62	74.00	11.38
11160.00	47.28	AV	V	38.66	6.58	37.16	49.34	54.00	4.66
16740.00	45.91	PK	V	39.16	8.67	39.05	48.67	74.00	25.33
16740.00	35.37	AV	V	39.16	8.67	39.05	38.13	54.00	15.87
13478.00	44.37	PK	V	40.36	7.41	38.69	47.43	74.00	26.57
13478.00	35.02	AV	V	40.36	7.41	38.69	38.08	54.00	15.92
8933.00	44.36	PK	V	37.66	5.45	36.96	44.49	74.00	29.51
8933.00	34.54	AV	V	37.66	5.45	36.96	34.67	54.00	19.33
High Channel: 5700 MHz									
5700.00	72.39	PK	H	34.18	3.68	0.00	104.23	N/A	N/A
5700.00	62.26	AV	H	34.18	3.68	0.00	94.10	N/A	N/A
5700.00	80.58	PK	V	34.18	3.68	0.00	112.42	N/A	N/A
5700.00	70.36	AV	V	34.18	3.68	0.00	102.20	N/A	N/A
5725.00	28.42	PK	V	34.19	3.69	0.00	60.28	74.00	13.72
5725.00	17.69	AV	V	34.19	3.69	0.00	49.55	54.00	4.45
11400.00	60.42	PK	V	38.90	6.59	37.30	62.59	74.00	11.41
11400.00	47.66	AV	V	38.90	6.59	37.30	49.83	54.00	4.17
17100.00	45.49	PK	V	40.78	8.75	38.70	50.30	74.00	23.70
17100.00	35.05	AV	V	40.78	8.75	38.70	39.86	54.00	14.14
9365.00	44.27	PK	V	37.85	5.67	36.70	45.07	74.00	28.93
9365.00	34.75	AV	V	37.85	5.67	36.70	35.55	54.00	18.45

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	72.47	PK	H	34.19	3.69	0.00	104.33	N/A	N/A
5720.00	62.25	AV	H	34.19	3.69	0.00	94.11	N/A	N/A
5720.00	80.11	PK	V	34.19	3.69	0.00	111.97	N/A	N/A
5720.00	70.64	AV	V	34.19	3.69	0.00	102.50	N/A	N/A
11440.00	60.29	PK	V	38.94	6.59	37.32	62.48	74.00	11.52
11440.00	47.39	AV	V	38.94	6.59	37.32	49.58	54.00	4.42
17160.00	45.76	PK	V	41.13	8.76	38.66	50.97	74.00	23.03
17160.00	35.31	AV	V	41.13	8.76	38.66	40.52	54.00	13.48
8655.00	44.55	PK	V	37.49	5.27	37.06	44.23	74.00	29.77
8655.00	35.07	AV	V	37.49	5.27	37.06	34.75	54.00	19.25
9165.00	44.13	PK	V	37.77	5.57	36.82	44.63	74.00	29.37
9165.00	34.54	AV	V	37.77	5.57	36.82	35.04	54.00	18.96



802.11 n ht40 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	67.29	PK	H	34.10	3.54	0.00	98.91	N/A	N/A
5510.00	57.38	AV	H	34.10	3.54	0.00	89.00	N/A	N/A
5510.00	74.36	PK	V	34.10	3.54	0.00	105.98	N/A	N/A
5510.00	64.35	AV	V	34.10	3.54	0.00	95.97	N/A	N/A
5470.00	28.61	PK	V	34.05	3.56	0.00	60.20	74.00	13.80
5470.00	17.68	AV	V	34.05	3.56	0.00	49.27	54.00	4.73
11020.00	59.73	PK	V	38.52	6.57	37.07	61.73	74.00	12.27
11020.00	47.55	AV	V	38.52	6.57	37.07	49.55	54.00	4.45
16530.00	45.55	PK	V	38.32	8.64	39.27	47.22	74.00	26.78
16530.00	35.79	AV	V	38.32	8.64	39.27	37.46	54.00	16.54
8364.00	44.16	PK	V	37.24	5.06	37.01	43.43	74.00	30.57
8364.00	34.11	AV	V	37.24	5.06	37.01	33.38	54.00	20.62
Middle Channel: 5550 MHz									
5550.00	67.56	PK	H	34.12	3.56	0.00	99.22	N/A	N/A
5550.00	57.27	AV	H	34.12	3.56	0.00	88.93	N/A	N/A
5550.00	74.33	PK	V	34.12	3.56	0.00	105.99	N/A	N/A
5550.00	64.75	AV	V	34.12	3.56	0.00	96.41	N/A	N/A
11100.00	60.13	PK	V	38.60	6.57	37.12	62.16	74.00	11.84
11100.00	47.76	AV	V	38.60	6.57	37.12	49.79	54.00	4.21
16650.00	45.28	PK	V	38.80	8.66	39.14	47.58	74.00	26.42
16650.00	35.27	AV	V	38.80	8.66	39.14	37.57	54.00	16.43
9546.00	44.44	PK	V	37.92	5.77	36.62	45.49	74.00	28.51
9546.00	34.53	AV	V	37.92	5.77	36.62	35.58	54.00	18.42
8537.00	44.32	PK	V	37.42	5.19	37.11	43.80	74.00	30.2
8537.00	34.64	AV	V	37.42	5.19	37.11	34.12	54.00	19.88
High Channel: 5670 MHz									
5670.00	67.25	PK	H	34.17	3.65	0.00	99.05	N/A	N/A
5670.00	57.63	AV	H	34.17	3.65	0.00	89.43	N/A	N/A
5670.00	74.58	PK	V	34.17	3.65	0.00	106.38	N/A	N/A
5670.00	63.97	AV	V	34.17	3.65	0.00	95.77	N/A	N/A
5725.00	28.68	PK	V	34.19	3.69	37.33	23.21	74.00	50.79
5725.00	17.75	AV	V	34.19	3.69	37.33	12.28	54.00	41.72
11340.00	59.97	PK	V	38.84	6.58	37.26	62.11	74.00	11.89
11340.00	47.64	AV	V	38.84	6.58	37.26	49.78	54.00	4.22
17010.00	45.58	PK	V	40.26	8.72	38.76	49.78	74.00	24.22
17010.00	35.59	AV	V	40.26	8.72	38.76	39.79	54.00	14.21
9655.00	44.75	PK	V	37.96	5.84	36.66	45.87	74.00	28.13
9655.00	34.54	AV	V	37.96	5.84	36.66	35.66	54.00	18.34

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	67.59	PK	H	34.18	3.68	0.00	99.43	N/A	N/A
5710.00	57.39	AV	H	34.18	3.68	0.00	89.23	N/A	N/A
5710.00	74.34	PK	V	34.18	3.68	0.00	106.18	N/A	N/A
5710.00	64.83	AV	V	34.18	3.68	0.00	96.67	N/A	N/A
11420.00	60.25	PK	V	38.92	6.59	37.31	62.43	74.00	11.57
11420.00	47.73	AV	V	38.92	6.59	37.31	49.91	54.00	4.09
17130.00	45.15	PK	V	40.95	8.75	38.68	50.15	74.00	23.85
17130.00	35.37	AV	V	40.95	8.75	38.68	40.37	54.00	13.63
9546.00	44.32	PK	V	37.92	5.77	36.62	45.37	74.00	28.63
9546.00	34.46	AV	V	37.92	5.77	36.62	35.51	54.00	18.49
8537.00	44.12	PK	V	37.42	5.19	37.11	43.60	74.00	30.4
8537.00	34.54	AV	V	37.42	5.19	37.11	34.02	54.00	19.98

## 802.11 ac40 Mode

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	67.34	PK	H	34.10	3.54	0.00	98.96	N/A	N/A
5510.00	57.42	AV	H	34.10	3.54	0.00	89.04	N/A	N/A
5510.00	74.25	PK	V	34.10	3.54	0.00	105.87	N/A	N/A
5510.00	64.32	AV	V	34.10	3.54	0.00	95.94	N/A	N/A
5470.00	28.51	PK	V	34.05	3.56	0.00	60.10	74.00	13.90
5470.00	17.60	AV	V	34.05	3.56	0.00	49.19	54.00	4.81
11020.00	59.85	PK	V	38.52	6.57	37.07	61.85	74.00	12.15
11020.00	47.71	AV	V	38.52	6.57	37.07	49.71	54.00	4.29
16530.00	45.65	PK	V	38.32	8.64	39.27	47.32	74.00	26.68
16530.00	35.97	AV	V	38.32	8.64	39.27	37.64	54.00	16.36
8455.00	43.96	PK	V	37.35	5.13	37.08	43.34	74.00	30.66
8455.00	34.16	AV	V	37.35	5.13	37.08	33.54	54.00	20.46
Middle Channel: 5550 MHz									
5550.00	67.58	PK	H	34.12	3.56	0.00	99.24	N/A	N/A
5550.00	57.47	AV	H	34.12	3.56	0.00	89.13	N/A	N/A
5550.00	74.13	PK	V	34.12	3.56	0.00	105.79	N/A	N/A
5550.00	64.68	AV	V	34.12	3.56	0.00	96.34	N/A	N/A
11100.00	60.07	PK	V	38.60	6.57	37.12	62.10	74.00	11.9
11100.00	47.67	AV	V	38.60	6.57	37.12	49.70	54.00	4.3
16650.00	45.44	PK	V	38.80	8.66	39.14	47.74	74.00	26.26
16650.00	35.28	AV	V	38.80	8.66	39.14	37.58	54.00	16.42
14578.00	44.39	PK	V	41.51	7.84	39.11	48.61	74.00	25.39
14578.00	34.35	AV	V	41.51	7.84	39.11	38.57	54.00	15.43
9144.00	44.27	PK	V	37.76	5.56	36.84	44.73	74.00	29.27
9144.00	34.68	AV	V	37.76	5.56	36.84	35.14	54.00	18.86
High Channel: 5670 MHz									
5670.00	67.46	PK	H	34.17	3.65	0.00	99.26	N/A	N/A
5670.00	57.33	AV	H	34.17	3.65	0.00	89.13	N/A	N/A
5670.00	74.49	PK	V	34.17	3.65	0.00	106.29	N/A	N/A
5670.00	64.48	AV	V	34.17	3.65	0.00	96.28	N/A	N/A
5725.00	28.71	PK	V	34.19	3.69	0.00	60.57	74.00	13.43
5725.00	17.54	AV	V	34.19	3.69	0.00	49.40	54.00	4.60
11340.00	59.79	PK	V	38.84	6.58	37.26	61.93	74.00	12.07
11340.00	47.71	AV	V	38.84	6.58	37.26	49.85	54.00	4.15
17010.00	45.72	PK	V	40.26	8.72	38.76	49.92	74.00	24.08
17010.00	35.99	AV	V	40.26	8.72	38.76	40.19	54.00	13.81
8961.00	44.17	PK	V	37.68	5.47	36.94	44.36	74.00	29.64
8961.00	34.11	AV	V	37.68	5.47	36.94	34.30	54.00	19.70

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	67.62	PK	H	34.18	3.68	0.00	99.46	N/A	N/A
5710.00	57.23	AV	H	34.18	3.68	0.00	89.07	N/A	N/A
5710.00	74.41	PK	V	34.18	3.68	0.00	106.25	N/A	N/A
5710.00	64.75	AV	V	34.18	3.68	0.00	96.59	N/A	N/A
11420.00	60.24	PK	V	38.92	6.59	37.31	62.42	74.00	11.58
11420.00	47.65	AV	V	38.92	6.59	37.31	49.83	54.00	4.17
17130.00	45.21	PK	V	40.95	8.75	38.68	50.21	74.00	23.79
17130.00	35.28	AV	V	40.95	8.75	38.68	40.28	54.00	13.72
9546.00	44.36	PK	V	37.92	5.77	36.62	45.41	74.00	28.59
9546.00	34.49	AV	V	37.92	5.77	36.62	35.54	54.00	18.46
8537.00	44.21	PK	V	37.42	5.19	37.11	43.69	74.00	30.31
8537.00	34.51	AV	V	37.42	5.19	37.11	33.99	54.00	20.01

802.11 ac80 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5530 MHz									
5530.00	63.38	PK	H	34.11	3.55	0.00	95.02	N/A	N/A
5530.00	53.08	AV	H	34.11	3.55	0.00	84.72	N/A	N/A
5530.00	71.74	PK	V	34.11	3.55	0.00	103.38	N/A	N/A
5530.00	61.11	AV	V	34.11	3.55	0.00	92.75	N/A	N/A
5470.00	28.74	PK	V	34.05	3.56	0.00	60.33	74.00	13.67
5470.00	18.46	AV	V	34.05	3.56	0.00	50.05	54.00	3.95
5824.00	28.34	PK	V	34.23	3.73	0.00	60.28	74.00	13.72
5824.00	17.67	AV	V	34.23	3.73	0.00	49.61	54.00	4.39
11060.00	63.52	PK	V	38.56	6.57	37.10	65.53	74.00	8.47
11060.00	47.02	AV	V	38.56	6.57	37.10	49.03	54.00	4.97
16590.00	45.89	PK	V	38.56	8.65	39.20	47.88	74.00	26.12
16590.00	33.66	AV	V	38.56	8.65	39.20	35.65	54.00	18.35
8435.00	45.75	PK	V	37.32	5.12	37.07	45.10	74.00	28.90
8435.00	32.36	AV	V	37.32	5.12	37.07	31.71	54.00	22.29
Middle Channel: 5610 MHz									
5610.00	63.22	PK	H	34.14	3.58	0.00	94.92	N/A	N/A
5610.00	52.97	AV	H	34.14	3.58	0.00	84.67	N/A	N/A
5610.00	71.61	PK	V	34.14	3.58	0.00	103.31	N/A	N/A
5610.00	61.15	AV	V	34.14	3.58	0.00	92.85	N/A	N/A
5470.00	28.73	PK	V	34.05	3.56	0.00	60.32	74.00	13.68
5470.00	18.42	AV	V	34.05	3.56	0.00	50.01	54.00	3.99
5725.00	28.35	PK	V	34.19	3.69	0.00	60.21	74.00	13.79
5725.00	17.74	AV	V	34.19	3.69	0.00	49.60	54.00	4.40
11220.00	63.36	PK	V	38.72	6.58	37.19	65.45	74.00	8.55
11220.00	46.97	AV	V	38.72	6.58	37.19	49.06	54.00	4.94
16830.00	46.02	PK	V	39.52	8.69	38.95	49.26	74.00	24.74
16830.00	33.72	AV	V	39.52	8.69	38.95	36.96	54.00	17.04
8468.00	45.82	PK	V	37.36	5.14	37.09	45.21	74.00	28.79
8468.00	32.45	AV	V	37.36	5.14	37.09	31.84	54.00	22.16
High Channel: 5690 MHz									
5690.00	63.33	PK	H	34.18	3.67	0.00	95.16	N/A	N/A
5690.00	53.12	AV	H	34.18	3.67	0.00	84.95	N/A	N/A
5690.00	71.64	PK	V	34.18	3.67	0.00	103.47	N/A	N/A
5690.00	61.18	AV	V	34.18	3.67	0.00	93.01	N/A	N/A
11380.00	63.68	PK	V	38.88	6.59	37.29	65.84	74.00	8.16
11380.00	47.11	AV	V	38.88	6.59	37.29	49.27	54.00	4.73
17070.00	46.06	PK	V	40.61	8.74	38.72	50.67	74.00	23.33
17070.00	33.86	AV	V	40.61	8.74	38.72	38.47	54.00	15.53
8165.00	45.61	PK	V	37.00	4.90	36.85	44.64	74.00	29.36
8165.00	32.19	AV	V	37.00	4.90	36.85	31.22	54.00	22.78
8435.00	45.53	PK	V	37.32	5.12	37.07	44.88	74.00	29.12
8435.00	32.18	AV	V	37.32	5.12	37.07	31.53	54.00	22.47

**Radio 1, 5470-5725MHz, Non-beamforming 4TX**

802.11a Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	73.98	PK	H	34.10	3.54	0.00	105.60	N/A	N/A
5500.00	63.14	AV	H	34.10	3.54	0.00	94.76	N/A	N/A
5500.00	82.39	PK	V	34.10	3.54	0.00	114.01	N/A	N/A
5500.00	71.44	AV	V	34.10	3.54	0.00	103.06	N/A	N/A
5470.00	28.33	PK	V	34.05	3.56	0.00	59.92	74.00	14.08
5470.00	17.65	AV	V	34.05	3.56	0.00	49.24	54.00	4.76
11000.00	60.55	PK	V	38.50	6.57	37.06	62.54	74.00	11.46
11000.00	47.68	AV	V	38.50	6.57	37.06	49.67	54.00	4.33
16500.00	45.47	PK	V	38.20	8.63	39.30	46.98	74.00	27.02
16500.00	35.29	AV	V	38.20	8.63	39.30	36.80	54.00	17.20
8679.00	44.28	PK	V	37.51	5.28	37.05	44.00	74.00	30.00
8679.00	34.69	AV	V	37.51	5.28	37.05	34.41	54.00	19.59
Middle Channel: 5580 MHz									
5580.00	74.41	PK	H	34.13	3.56	0.00	106.08	N/A	N/A
5580.00	64.32	AV	H	34.13	3.56	0.00	95.99	N/A	N/A
5580.00	82.44	PK	V	34.13	3.56	0.00	114.11	N/A	N/A
5580.00	71.75	AV	V	34.13	3.56	0.00	103.42	N/A	N/A
11160.00	60.39	PK	V	38.66	6.58	37.16	62.45	74.00	11.55
11160.00	47.48	AV	V	38.66	6.58	37.16	49.54	54.00	4.46
16740.00	45.58	PK	V	39.16	8.67	39.05	48.34	74.00	25.66
16740.00	35.06	AV	V	39.16	8.67	39.05	37.82	54.00	16.18
13354.00	44.35	PK	V	40.14	7.40	38.65	47.22	74.00	26.78
13354.00	34.84	AV	V	40.14	7.40	38.65	37.71	54.00	16.29
8965.00	44.38	PK	V	37.68	5.47	36.94	44.57	74.00	29.43
8965.00	34.53	AV	V	37.68	5.47	36.94	34.72	54.00	19.28
High Channel: 5700 MHz									
5700.00	73.86	PK	H	34.18	3.68	0.00	105.70	N/A	N/A
5700.00	63.29	AV	H	34.18	3.68	0.00	95.13	N/A	N/A
5700.00	82.31	PK	V	34.18	3.68	0.00	114.15	N/A	N/A
5700.00	72.01	AV	V	34.18	3.68	0.00	103.85	N/A	N/A
5725.00	28.47	PK	V	34.19	3.69	0.00	60.33	74.00	13.67
5725.00	17.16	AV	V	34.19	3.69	0.00	49.02	54.00	4.98
11400.00	60.49	PK	V	38.90	6.59	37.30	62.66	74.00	11.34
11400.00	47.47	AV	V	38.90	6.59	37.30	49.64	54.00	4.36
17100.00	45.52	PK	V	40.78	8.75	38.70	50.33	74.00	23.67
17100.00	35.49	AV	V	40.78	8.75	38.70	40.30	54.00	13.70
9655.00	44.44	PK	V	37.96	5.84	36.66	45.56	74.00	28.44
9655.00	34.52	AV	V	37.96	5.84	36.66	35.64	54.00	18.36

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	75.81	PK	H	34.19	3.69	0.00	107.67	N/A	N/A
5720.00	65.48	AV	H	34.19	3.69	0.00	97.34	N/A	N/A
5720.00	82.65	PK	V	34.19	3.69	0.00	114.51	N/A	N/A
5720.00	72.42	AV	V	34.19	3.69	0.00	104.28	N/A	N/A
11440.00	60.83	PK	V	38.94	6.59	37.32	63.02	74.00	10.98
11440.00	47.45	AV	V	38.94	6.59	37.32	49.64	54.00	4.36
17160.00	45.59	PK	V	41.13	8.76	38.66	50.80	74.00	23.20
17160.00	35.01	AV	V	41.13	8.76	38.66	40.22	54.00	13.78
8972.00	44.34	PK	V	37.68	5.47	36.94	44.53	74.00	29.47
8972.00	34.51	AV	V	37.68	5.47	36.94	34.70	54.00	19.30
9355.00	44.33	PK	V	37.84	5.67	36.70	45.12	74.00	28.88
9355.00	34.46	AV	V	37.84	5.67	36.70	35.25	54.00	18.75

## 802.11n ht20 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	72.45	PK	H	34.10	3.54	0.00	104.07	N/A	N/A
5500.00	61.58	AV	H	34.10	3.54	0.00	93.20	N/A	N/A
5500.00	81.38	PK	V	34.10	3.54	0.00	113.00	N/A	N/A
5500.00	72.47	AV	V	34.10	3.54	0.00	104.09	N/A	N/A
5470.00	28.78	PK	V	34.05	3.56	0.00	60.37	74.00	13.63
5470.00	17.46	AV	V	34.05	3.56	0.00	49.05	54.00	4.95
11000.00	61.27	PK	V	38.50	6.57	37.06	63.26	74.00	10.74
11000.00	47.25	AV	V	38.50	6.57	37.06	49.24	54.00	4.76
16500.00	45.68	PK	V	38.20	8.63	39.30	47.19	74.00	26.81
16500.00	35.47	AV	V	38.20	8.63	39.30	36.98	54.00	17.02
13567.00	44.62	PK	V	40.49	7.44	38.79	47.74	74.00	26.26
13567.00	34.58	AV	V	40.49	7.44	38.79	37.70	54.00	16.30
Middle Channel: 5580 MHz									
5580.00	75.59	PK	H	34.13	3.56	0.00	107.26	N/A	N/A
5580.00	65.36	AV	H	34.13	3.56	0.00	97.03	N/A	N/A
5580.00	82.73	PK	V	34.13	3.56	0.00	114.40	N/A	N/A
5580.00	72.34	AV	V	34.13	3.56	0.00	104.01	N/A	N/A
11160.00	61.01	PK	V	38.66	6.58	37.16	63.07	74.00	10.93
11160.00	47.43	AV	V	38.66	6.58	37.16	49.49	54.00	4.51
16740.00	45.72	PK	V	39.16	8.67	39.05	48.48	74.00	25.52
16740.00	34.84	AV	V	39.16	8.67	39.05	37.60	54.00	16.4
12566.00	44.31	PK	V	38.63	7.05	38.28	45.69	74.00	28.31
12566.00	34.54	AV	V	38.63	7.05	38.28	35.92	54.00	18.08
9345.00	44.46	PK	V	37.84	5.66	36.71	45.23	74.00	28.77
9345.00	34.49	AV	V	37.84	5.66	36.71	35.26	54.00	18.74
High Channel: 5700 MHz									
5700.00	72.66	PK	H	34.18	3.68	0.00	104.50	N/A	N/A
5700.00	61.49	AV	H	34.18	3.68	0.00	93.33	N/A	N/A
5700.00	81.45	PK	V	34.18	3.68	0.00	113.29	N/A	N/A
5700.00	71.05	AV	V	34.18	3.68	0.00	102.89	N/A	N/A
5725.00	28.65	PK	V	34.19	3.69	0.00	60.51	74.00	13.49
5725.00	17.48	AV	V	34.19	3.69	0.00	49.34	54.00	4.66
11400.00	61.52	PK	V	38.90	6.59	37.30	63.69	74.00	10.31
11400.00	46.85	AV	V	38.90	6.59	37.30	49.02	54.00	4.98
17100.00	46.35	PK	V	40.78	8.75	38.70	51.16	74.00	22.84
17100.00	33.54	AV	V	40.78	8.75	38.70	38.35	54.00	15.65
9655.00	45.84	PK	V	37.96	5.84	36.66	46.96	74.00	27.04
9655.00	32.38	AV	V	37.96	5.84	36.66	33.50	54.00	20.50



Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	75.97	PK	H	34.19	3.69	0.00	107.83	N/A	N/A
5720.00	65.43	AV	H	34.19	3.69	0.00	97.29	N/A	N/A
5720.00	82.61	PK	V	34.19	3.69	0.00	114.47	N/A	N/A
5720.00	72.41	AV	V	34.19	3.69	0.00	104.27	N/A	N/A
11440.00	61.03	PK	V	38.94	6.59	37.32	63.22	74.00	10.78
11440.00	47.25	AV	V	38.94	6.59	37.32	49.44	54.00	4.56
17160.00	45.64	PK	V	41.13	8.76	38.66	50.85	74.00	23.15
17160.00	35.12	AV	V	41.13	8.76	38.66	40.33	54.00	13.67
8655.00	44.19	PK	V	37.49	5.27	37.06	43.87	74.00	30.13
8655.00	34.32	AV	V	37.49	5.27	37.06	34.00	54.00	20.00
9165.00	44.15	PK	V	37.77	5.57	36.82	44.65	74.00	29.35
9165.00	34.37	AV	V	37.77	5.57	36.82	34.87	54.00	19.13

802.11 ac20 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	72.47	PK	H	34.10	3.54	0.00	104.09	N/A	N/A
5500.00	62.18	AV	H	34.10	3.54	0.00	93.80	N/A	N/A
5500.00	80.25	PK	V	34.10	3.54	0.00	111.87	N/A	N/A
5500.00	70.14	AV	V	34.10	3.54	0.00	101.76	N/A	N/A
5470.00	28.66	PK	V	34.05	3.56	0.00	60.25	74.00	13.75
5470.00	17.43	AV	V	34.05	3.56	0.00	49.02	54.00	4.98
11000.00	60.12	PK	V	38.50	6.57	37.06	62.11	74.00	11.89
11000.00	46.58	AV	V	38.50	6.57	37.06	48.57	54.00	5.43
16500.00	45.28	PK	V	38.20	8.63	39.30	46.79	74.00	27.21
16500.00	35.47	AV	V	38.20	8.63	39.30	36.98	54.00	17.02
8772.00	44.35	PK	V	37.56	5.34	37.02	44.21	74.00	29.79
8772.00	34.46	AV	V	37.56	5.34	37.02	34.32	54.00	19.68
Middle Channel: 5580 MHz									
5580.00	72.26	PK	H	34.13	3.56	0.00	103.93	N/A	N/A
5580.00	61.25	AV	H	34.13	3.56	0.00	92.92	N/A	N/A
5580.00	81.24	PK	V	34.13	3.56	0.00	112.91	N/A	N/A
5580.00	71.34	AV	V	34.13	3.56	0.00	103.01	N/A	N/A
11160.00	59.67	PK	V	38.66	6.58	37.16	61.73	74.00	12.27
11160.00	47.59	AV	V	38.66	6.58	37.16	49.65	54.00	4.35
16740.00	45.47	PK	V	39.16	8.67	39.05	48.23	74.00	25.77
16740.00	35.68	AV	V	39.16	8.67	39.05	38.44	54.00	15.56
13478.00	44.25	PK	V	40.36	7.41	38.69	47.31	74.00	26.69
13478.00	34.67	AV	V	40.36	7.41	38.69	37.73	54.00	16.27
8933.00	45.67	PK	V	37.66	5.45	36.96	45.80	74.00	28.2
8933.00	34.57	AV	V	37.66	5.45	36.96	34.70	54.00	19.3
High Channel: 5700 MHz									
5700.00	71.57	PK	H	34.18	3.68	0.00	103.41	N/A	N/A
5700.00	61.25	AV	H	34.18	3.68	0.00	93.09	N/A	N/A
5700.00	81.34	PK	V	34.18	3.68	0.00	113.18	N/A	N/A
5700.00	71.26	AV	V	34.18	3.68	0.00	103.10	N/A	N/A
5725.00	28.45	PK	V	34.19	3.69	0.00	60.31	74.00	13.69
5725.00	17.64	AV	V	34.19	3.69	0.00	49.50	54.00	4.50
11400.00	59.64	PK	V	38.90	6.59	37.30	61.81	74.00	12.19
11400.00	47.69	AV	V	38.90	6.59	37.30	49.86	54.00	4.14
17100.00	46.57	PK	V	40.78	8.75	38.70	51.38	74.00	22.62
17100.00	34.25	AV	V	40.78	8.75	38.70	39.06	54.00	14.94
9365.00	45.62	PK	V	37.85	5.67	36.70	46.42	74.00	27.58
9365.00	32.53	AV	V	37.85	5.67	36.70	33.33	54.00	20.67

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	74.68	PK	H	34.19	3.69	0.00	106.54	N/A	N/A
5720.00	64.56	AV	H	34.19	3.69	0.00	96.42	N/A	N/A
5720.00	82.77	PK	V	34.19	3.69	0.00	114.63	N/A	N/A
5720.00	72.46	AV	V	34.19	3.69	0.00	104.32	N/A	N/A
11440.00	60.93	PK	V	38.94	6.59	37.32	63.12	74.00	10.88
11440.00	47.44	AV	V	38.94	6.59	37.32	49.63	54.00	4.37
17160.00	45.39	PK	V	41.13	8.76	38.66	50.60	74.00	23.40
17160.00	35.18	AV	V	41.13	8.76	38.66	40.39	54.00	13.61
8655.00	44.28	PK	V	37.49	5.27	37.06	43.96	74.00	30.04
8655.00	34.34	AV	V	37.49	5.27	37.06	34.02	54.00	19.98
9165.00	44.35	PK	V	37.77	5.57	36.82	44.85	74.00	29.15
9165.00	34.64	AV	V	37.77	5.57	36.82	35.14	54.00	18.86

802.11 n ht40 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	69.24	PK	H	34.10	3.54	0.00	100.86	N/A	N/A
5510.00	58.48	AV	H	34.10	3.54	0.00	90.10	N/A	N/A
5510.00	78.23	PK	V	34.10	3.54	0.00	109.85	N/A	N/A
5510.00	68.22	AV	V	34.10	3.54	0.00	99.84	N/A	N/A
5470.00	28.73	PK	V	34.05	3.56	0.00	60.32	74.00	13.68
5470.00	17.67	AV	V	34.05	3.56	0.00	49.26	54.00	4.74
11020.00	59.91	PK	V	38.52	6.57	37.07	61.91	74.00	12.09
11020.00	47.39	AV	V	38.52	6.57	37.07	49.39	54.00	4.61
16530.00	45.42	PK	V	38.32	8.64	39.27	47.09	74.00	26.91
16530.00	35.64	AV	V	38.32	8.64	39.27	37.31	54.00	16.69
8364.00	44.23	PK	V	37.24	5.06	37.01	43.50	74.00	30.50
8364.00	34.31	AV	V	37.24	5.06	37.01	33.58	54.00	20.42
Middle Channel: 5550 MHz									
5550.00	68.59	PK	H	34.12	3.56	0.00	100.25	N/A	N/A
5550.00	58.47	AV	H	34.12	3.56	0.00	90.13	N/A	N/A
5550.00	77.25	PK	V	34.12	3.56	0.00	108.91	N/A	N/A
5550.00	67.58	AV	V	34.12	3.56	0.00	99.24	N/A	N/A
11100.00	60.24	PK	V	38.60	6.57	37.12	62.27	74.00	11.73
11100.00	47.58	AV	V	38.60	6.57	37.12	49.61	54.00	4.39
16650.00	45.28	PK	V	38.80	8.66	39.14	47.58	74.00	26.42
16650.00	35.47	AV	V	38.80	8.66	39.14	37.77	54.00	16.23
9546.00	44.25	PK	V	37.92	5.77	36.62	45.30	74.00	28.7
9546.00	34.48	AV	V	37.92	5.77	36.62	35.53	54.00	18.47
8537.00	44.19	PK	V	37.42	5.19	37.11	43.67	74.00	30.33
8537.00	34.57	AV	V	37.42	5.19	37.11	34.05	54.00	19.95
High Channel: 5670 MHz									
5670.00	70.45	PK	H	34.17	3.65	0.00	102.25	N/A	N/A
5670.00	59.51	AV	H	34.17	3.65	0.00	91.31	N/A	N/A
5670.00	79.67	PK	V	34.17	3.65	0.00	111.47	N/A	N/A
5670.00	69.08	AV	V	34.17	3.65	0.00	100.88	N/A	N/A
5725.00	28.49	PK	V	34.19	3.69	37.33	23.02	74.00	50.98
5725.00	17.83	AV	V	34.19	3.69	37.33	12.36	54.00	41.64
11340.00	59.83	PK	V	38.84	6.58	37.26	61.97	74.00	12.03
11340.00	47.67	AV	V	38.84	6.58	37.26	49.81	54.00	4.19
17010.00	45.47	PK	V	40.26	8.72	38.76	49.67	74.00	24.33
17010.00	35.78	AV	V	40.26	8.72	38.76	39.98	54.00	14.02
9655.00	44.55	PK	V	37.96	5.84	36.66	45.67	74.00	28.33
9655.00	34.52	AV	V	37.96	5.84	36.66	35.64	54.00	18.36

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	68.66	PK	H	34.18	3.68	0.00	100.50	N/A	N/A
5710.00	58.42	AV	H	34.18	3.68	0.00	90.26	N/A	N/A
5710.00	77.42	PK	V	34.18	3.68	0.00	109.26	N/A	N/A
5710.00	67.41	AV	V	34.18	3.68	0.00	99.25	N/A	N/A
11420.00	60.16	PK	V	38.92	6.59	37.31	62.34	74.00	11.66
11420.00	47.72	AV	V	38.92	6.59	37.31	49.90	54.00	4.1
17130.00	45.21	PK	V	40.95	8.75	38.68	50.21	74.00	23.79
17130.00	35.49	AV	V	40.95	8.75	38.68	40.49	54.00	13.51
9546.00	44.37	PK	V	37.92	5.77	36.62	45.42	74.00	28.58
9546.00	34.61	AV	V	37.92	5.77	36.62	35.66	54.00	18.34
8537.00	44.03	PK	V	37.42	5.19	37.11	43.51	74.00	30.49
8537.00	34.49	AV	V	37.42	5.19	37.11	33.97	54.00	20.03

802.11 ac40 Mode(Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	69.47	PK	H	34.10	3.54	0.00	101.09	N/A	N/A
5510.00	59.48	AV	H	34.10	3.54	0.00	91.10	N/A	N/A
5510.00	78.45	PK	V	34.10	3.54	0.00	110.07	N/A	N/A
5510.00	67.59	AV	V	34.10	3.54	0.00	99.21	N/A	N/A
5470.00	28.47	PK	V	34.05	3.56	0.00	60.06	74.00	13.94
5470.00	17.64	AV	V	34.05	3.56	0.00	49.23	54.00	4.77
11020.00	60.72	PK	V	38.52	6.57	37.07	62.72	74.00	11.28
11020.00	50.14	AV	V	38.52	6.57	37.07	52.14	54.00	1.86
16530.00	45.14	PK	V	38.32	8.64	39.27	46.81	74.00	27.19
16530.00	34.56	AV	V	38.32	8.64	39.27	36.23	54.00	17.77
8455.00	44.28	PK	V	37.35	5.13	37.08	43.66	74.00	30.34
8455.00	34.28	AV	V	37.35	5.13	37.08	33.66	54.00	20.34
Middle Channel: 5550 MHz									
5550.00	69.48	PK	H	34.12	3.56	0.00	101.14	N/A	N/A
5550.00	59.47	AV	H	34.12	3.56	0.00	91.13	N/A	N/A
5550.00	79.38	PK	V	34.12	3.56	0.00	111.04	N/A	N/A
5550.00	69.58	AV	V	34.12	3.56	0.00	101.24	N/A	N/A
11100.00	60.78	PK	V	38.60	6.57	37.12	62.81	74.00	11.19
11100.00	48.02	AV	V	38.60	6.57	37.12	50.05	54.00	3.95
16650.00	45.36	PK	V	38.80	8.66	39.14	47.66	74.00	26.34
16650.00	34.18	AV	V	38.80	8.66	39.14	36.48	54.00	17.52
14578.00	45.26	PK	V	41.51	7.84	39.11	49.48	74.00	24.52
14578.00	33.57	AV	V	41.51	7.84	39.11	37.79	54.00	16.21
9144.00	45.29	PK	V	37.76	5.56	36.84	45.75	74.00	28.25
9144.00	34.64	AV	V	37.76	5.56	36.84	35.10	54.00	18.9
High Channel: 5670 MHz									
5670.00	69.38	PK	H	34.17	3.65	0.00	101.18	N/A	N/A
5670.00	59.47	AV	H	34.17	3.65	0.00	91.27	N/A	N/A
5670.00	80.24	PK	V	34.17	3.65	0.00	112.04	N/A	N/A
5670.00	70.37	AV	V	34.17	3.65	0.00	102.17	N/A	N/A
5725.00	28.37	PK	V	34.19	3.69	0.00	60.23	74.00	13.77
5725.00	17.64	AV	V	34.19	3.69	0.00	49.50	54.00	4.50
11340.00	60.54	PK	V	38.84	6.58	37.26	62.68	74.00	11.32
11340.00	47.69	AV	V	38.84	6.58	37.26	49.83	54.00	4.17
17010.00	45.84	PK	V	40.26	8.72	38.76	50.04	74.00	23.96
17010.00	33.56	AV	V	40.26	8.72	38.76	37.76	54.00	16.24
8961.00	45.83	PK	V	37.68	5.47	36.94	46.02	74.00	27.98
8961.00	33.52	AV	V	37.68	5.47	36.94	33.71	54.00	20.29

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Channel: 5710 MHz									
5710.00	68.62	PK	H	34.18	3.68	0.00	100.46	N/A	N/A
5710.00	58.57	AV	H	34.18	3.68	0.00	90.41	N/A	N/A
5710.00	79.27	PK	V	34.18	3.68	0.00	111.11	N/A	N/A
5710.00	69.69	AV	V	34.18	3.68	0.00	101.53	N/A	N/A
11420.00	60.26	PK	V	38.92	6.59	37.31	62.44	74.00	11.56
11420.00	47.51	AV	V	38.92	6.59	37.31	49.69	54.00	4.31
17130.00	45.24	PK	V	40.95	8.75	38.68	50.24	74.00	23.76
17130.00	35.28	AV	V	40.95	8.75	38.68	40.28	54.00	13.72
9546.00	44.54	PK	V	37.92	5.77	36.62	45.59	74.00	28.41
9546.00	34.62	AV	V	37.92	5.77	36.62	35.67	54.00	18.33
8537.00	44.14	PK	V	37.42	5.19	37.11	43.62	74.00	30.38
8537.00	34.77	AV	V	37.42	5.19	37.11	34.25	54.00	19.75

802.11 ac80 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5530 MHz									
5530.00	66.24	PK	H	34.11	3.55	0.00	97.88	N/A	N/A
5530.00	54.14	AV	H	34.11	3.55	0.00	85.78	N/A	N/A
5530.00	74.62	PK	V	34.11	3.55	0.00	106.26	N/A	N/A
5530.00	64.25	AV	V	34.11	3.55	0.00	95.89	N/A	N/A
5470.00	28.57	PK	V	34.05	3.56	0.00	60.16	74.00	13.84
5470.00	18.64	AV	V	34.05	3.56	0.00	50.23	54.00	3.77
5824.00	28.22	PK	V	34.23	3.73	0.00	60.16	74.00	13.84
5824.00	17.69	AV	V	34.23	3.73	0.00	49.63	54.00	4.37
11060.00	63.57	PK	V	38.56	6.57	37.10	65.58	74.00	8.42
11060.00	46.82	AV	V	38.56	6.57	37.10	48.83	54.00	5.17
16590.00	45.87	PK	V	38.56	8.65	39.20	47.86	74.00	26.14
16590.00	33.62	AV	V	38.56	8.65	39.20	35.61	54.00	18.39
8435.00	45.65	PK	V	37.32	5.12	37.07	45.00	74.00	29.00
8435.00	32.39	AV	V	37.32	5.12	37.07	31.74	54.00	22.26
Middle Channel: 5610 MHz									
5610.00	65.38	PK	H	34.14	3.58	0.00	97.08	N/A	N/A
5610.00	55.47	AV	H	34.14	3.58	0.00	87.17	N/A	N/A
5610.00	75.68	PK	V	34.14	3.58	0.00	107.38	N/A	N/A
5610.00	65.49	AV	V	34.14	3.58	0.00	97.19	N/A	N/A
5470.00	28.64	PK	V	34.05	3.56	0.00	60.23	74.00	13.77
5470.00	18.47	AV	V	34.05	3.56	0.00	50.06	54.00	3.94
5725.00	28.66	PK	V	34.19	3.69	0.00	60.52	74.00	13.48
5725.00	18.49	AV	V	34.19	3.69	0.00	50.35	54.00	3.65
11220.00	63.24	PK	V	38.72	6.58	37.19	65.33	74.00	8.67
11220.00	46.58	AV	V	38.72	6.58	37.19	48.67	54.00	5.33
16830.00	45.28	PK	V	39.52	8.69	38.95	48.52	74.00	25.48
16830.00	34.64	AV	V	39.52	8.69	38.95	37.88	54.00	16.12
8468.00	44.29	PK	V	37.36	5.14	37.09	43.68	74.00	30.32
8468.00	34.48	AV	V	37.36	5.14	37.09	33.87	54.00	20.13
High Channel: 5690 MHz									
5690.00	66.39	PK	H	34.18	3.67	0.00	98.22	N/A	N/A
5690.00	54.24	AV	H	34.18	3.67	0.00	86.07	N/A	N/A
5690.00	74.74	PK	V	34.18	3.67	0.00	106.57	N/A	N/A
5690.00	64.59	AV	V	34.18	3.67	0.00	96.42	N/A	N/A
11380.00	63.35	PK	V	38.88	6.59	37.29	65.51	74.00	8.49
11380.00	46.28	AV	V	38.88	6.59	37.29	48.44	54.00	5.56
17070.00	46.54	PK	V	40.61	8.74	38.72	51.15	74.00	22.85
17070.00	32.37	AV	V	40.61	8.74	38.72	36.98	54.00	17.02
8165.00	45.82	PK	V	37.00	4.90	36.85	44.85	74.00	29.15
8165.00	32.25	AV	V	37.00	4.90	36.85	31.28	54.00	22.72
8435.00	45.62	PK	V	37.32	5.12	37.07	44.97	74.00	29.03
8435.00	32.16	AV	V	37.32	5.12	37.07	31.51	54.00	22.49



**Radio 1, 5470-5725MHz, Beamforming 2TX**

802.11a Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	70.37	PK	H	34.10	3.54	0.00	101.99	N/A	N/A
5500.00	60.26	AV	H	34.10	3.54	0.00	91.88	N/A	N/A
5500.00	77.44	PK	V	34.10	3.54	0.00	109.06	N/A	N/A
5500.00	67.50	AV	V	34.10	3.54	0.00	99.12	N/A	N/A
5470.00	28.35	PK	V	34.05	3.56	0.00	59.94	74.00	14.06
5470.00	17.82	AV	V	34.05	3.56	0.00	49.41	54.00	4.59
11000.00	60.52	PK	V	38.50	6.57	37.06	62.51	74.00	11.49
11000.00	47.75	AV	V	38.50	6.57	37.06	49.74	54.00	4.26
16500.00	45.53	PK	V	38.20	8.63	39.30	47.04	74.00	26.96
16500.00	35.21	AV	V	38.20	8.63	39.30	36.72	54.00	17.28
8679.00	43.91	PK	V	37.51	5.28	37.05	43.63	74.00	30.37
8679.00	34.49	AV	V	37.51	5.28	37.05	34.21	54.00	19.79
Middle Channel: 5580 MHz									
5580.00	70.67	PK	H	34.13	3.56	0.00	102.34	N/A	N/A
5580.00	60.26	AV	H	34.13	3.56	0.00	91.93	N/A	N/A
5580.00	77.18	PK	V	34.13	3.56	0.00	108.85	N/A	N/A
5580.00	67.86	AV	V	34.13	3.56	0.00	99.53	N/A	N/A
11160.00	60.69	PK	V	38.66	6.58	37.16	62.75	74.00	11.25
11160.00	47.06	AV	V	38.66	6.58	37.16	49.12	54.00	4.88
16740.00	45.70	PK	V	39.16	8.67	39.05	48.46	74.00	25.54
16740.00	35.05	AV	V	39.16	8.67	39.05	37.81	54.00	16.19
13354.00	44.71	PK	V	40.14	7.40	38.65	47.58	74.00	26.42
13354.00	35.07	AV	V	40.14	7.40	38.65	37.94	54.00	16.06
8965.00	43.99	PK	V	37.68	5.47	36.94	44.18	74.00	29.82
8965.00	34.66	AV	V	37.68	5.47	36.94	34.85	54.00	19.15
High Channel: 5700 MHz									
5700.00	71.02	PK	H	34.18	3.68	0.00	102.86	N/A	N/A
5700.00	60.41	AV	H	34.18	3.68	0.00	92.25	N/A	N/A
5700.00	77.12	PK	V	34.18	3.68	0.00	108.96	N/A	N/A
5700.00	66.82	AV	V	34.18	3.68	0.00	98.66	N/A	N/A
5725.00	28.45	PK	V	34.19	3.69	0.00	60.31	74.00	13.69
5725.00	17.35	AV	V	34.19	3.69	0.00	49.21	54.00	4.79
11400.00	60.58	PK	V	38.90	6.59	37.30	62.75	74.00	11.25
11400.00	47.82	AV	V	38.90	6.59	37.30	49.99	54.00	4.01
17100.00	45.66	PK	V	40.78	8.75	38.70	50.47	74.00	23.53
17100.00	35.44	AV	V	40.78	8.75	38.70	40.25	54.00	13.75
9655.00	44.35	PK	V	37.96	5.84	36.66	45.47	74.00	28.53
9655.00	34.49	AV	V	37.96	5.84	36.66	35.61	54.00	18.39

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	70.86	PK	H	34.19	3.69	0.00	102.72	N/A	N/A
5720.00	60.75	AV	H	34.19	3.69	0.00	92.61	N/A	N/A
5720.00	78.90	PK	V	34.19	3.69	0.00	110.76	N/A	N/A
5720.00	68.50	AV	V	34.19	3.69	0.00	100.36	N/A	N/A
11440.00	60.69	PK	V	38.94	6.59	37.32	62.88	74.00	11.12
11440.00	47.40	AV	V	38.94	6.59	37.32	49.59	54.00	4.41
17160.00	45.91	PK	V	41.13	8.76	38.66	51.12	74.00	22.88
17160.00	35.00	AV	V	41.13	8.76	38.66	40.21	54.00	13.79
8972.00	44.42	PK	V	37.68	5.47	36.94	44.61	74.00	29.39
8972.00	34.34	AV	V	37.68	5.47	36.94	34.53	54.00	19.47
9355.00	44.23	PK	V	37.84	5.67	36.70	45.02	74.00	28.98
9355.00	34.44	AV	V	37.84	5.67	36.70	35.23	54.00	18.77

802.11n ht20 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	70.59	PK	H	34.10	3.54	0.00	102.21	N/A	N/A
5500.00	60.25	AV	H	34.10	3.54	0.00	91.87	N/A	N/A
5500.00	77.53	PK	V	34.10	3.54	0.00	109.15	N/A	N/A
5500.00	67.38	AV	V	34.10	3.54	0.00	99.00	N/A	N/A
5470.00	28.39	PK	V	34.05	3.56	0.00	59.98	74.00	14.02
5470.00	17.98	AV	V	34.05	3.56	0.00	49.57	54.00	4.43
11000.00	60.25	PK	V	38.50	6.57	37.06	62.24	74.00	11.76
11000.00	47.79	AV	V	38.50	6.57	37.06	49.78	54.00	4.22
16500.00	45.26	PK	V	38.20	8.63	39.30	46.77	74.00	27.23
16500.00	35.08	AV	V	38.20	8.63	39.30	36.59	54.00	17.41
13567.00	44.34	PK	V	40.49	7.44	38.79	47.46	74.00	26.54
13567.00	34.51	AV	V	40.49	7.44	38.79	37.63	54.00	16.37
Middle Channel: 5580 MHz									
5580.00	70.53	PK	H	34.13	3.56	0.00	102.20	N/A	N/A
5580.00	60.08	AV	H	34.13	3.56	0.00	91.75	N/A	N/A
5580.00	77.43	PK	V	34.13	3.56	0.00	109.10	N/A	N/A
5580.00	68.03	AV	V	34.13	3.56	0.00	99.70	N/A	N/A
11160.00	61.01	PK	V	38.66	6.58	37.16	63.07	74.00	10.93
11160.00	47.38	AV	V	38.66	6.58	37.16	49.44	54.00	4.56
16740.00	45.83	PK	V	39.16	8.67	39.05	48.59	74.00	25.41
16740.00	35.06	AV	V	39.16	8.67	39.05	37.82	54.00	16.18
12566.00	44.49	PK	V	38.63	7.05	38.28	45.87	74.00	28.13
12566.00	35.01	AV	V	38.63	7.05	38.28	36.39	54.00	17.61
9345.00	44.42	PK	V	37.84	5.66	36.71	45.19	74.00	28.81
9345.00	34.34	AV	V	37.84	5.66	36.71	35.11	54.00	18.89
High Channel: 5700 MHz									
5700.00	70.81	PK	H	34.18	3.68	0.00	102.65	N/A	N/A
5700.00	60.21	AV	H	34.18	3.68	0.00	92.05	N/A	N/A
5700.00	77.23	PK	V	34.18	3.68	0.00	109.07	N/A	N/A
5700.00	67.42	AV	V	34.18	3.68	0.00	99.26	N/A	N/A
5725.00	28.09	PK	V	34.19	3.69	0.00	59.95	74.00	14.05
5725.00	17.75	AV	V	34.19	3.69	0.00	49.61	54.00	4.39
11400.00	60.12	PK	V	38.90	6.59	37.30	62.29	74.00	11.71
11400.00	47.66	AV	V	38.90	6.59	37.30	49.83	54.00	4.17
17100.00	45.46	PK	V	40.78	8.75	38.70	50.27	74.00	23.73
17100.00	35.47	AV	V	40.78	8.75	38.70	40.28	54.00	13.72
9655.00	44.24	PK	V	37.96	5.84	36.66	45.36	74.00	28.64
9655.00	34.33	AV	V	37.96	5.84	36.66	35.45	54.00	18.55

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	70.42	PK	H	34.19	3.69	0.00	102.28	N/A	N/A
5720.00	60.34	AV	H	34.19	3.69	0.00	92.20	N/A	N/A
5720.00	77.23	PK	V	34.19	3.69	0.00	109.09	N/A	N/A
5720.00	67.67	AV	V	34.19	3.69	0.00	99.53	N/A	N/A
11440.00	60.55	PK	V	38.94	6.59	37.32	62.74	74.00	11.26
11440.00	47.11	AV	V	38.94	6.59	37.32	49.30	54.00	4.70
17160.00	45.64	PK	V	41.13	8.76	38.66	50.85	74.00	23.15
17160.00	35.02	AV	V	41.13	8.76	38.66	40.23	54.00	13.77
8655.00	44.44	PK	V	37.49	5.27	37.06	44.12	74.00	29.88
8655.00	34.79	AV	V	37.49	5.27	37.06	34.47	54.00	19.53
9165.00	44.14	PK	V	37.77	5.57	36.82	44.64	74.00	29.36
9165.00	34.43	AV	V	37.77	5.57	36.82	34.93	54.00	19.07

802.11 ac20 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	70.90	PK	H	34.10	3.54	0.00	102.52	N/A	N/A
5500.00	60.28	AV	H	34.10	3.54	0.00	91.90	N/A	N/A
5500.00	77.36	PK	V	34.10	3.54	0.00	108.98	N/A	N/A
5500.00	67.35	AV	V	34.10	3.54	0.00	98.97	N/A	N/A
5470.00	28.65	PK	V	34.05	3.56	0.00	60.24	74.00	13.76
5470.00	17.80	AV	V	34.05	3.56	0.00	49.39	54.00	4.61
11000.00	60.41	PK	V	38.50	6.57	37.06	62.40	74.00	11.60
11000.00	47.76	AV	V	38.50	6.57	37.06	49.75	54.00	4.25
16500.00	45.40	PK	V	38.20	8.63	39.30	46.91	74.00	27.09
16500.00	35.13	AV	V	38.20	8.63	39.30	36.64	54.00	17.36
8772.00	43.79	PK	V	37.56	5.34	37.02	43.65	74.00	30.35
8772.00	34.29	AV	V	37.56	5.34	37.02	34.15	54.00	19.85
Middle Channel: 5580 MHz									
5580.00	70.43	PK	H	34.13	3.56	0.00	102.10	N/A	N/A
5580.00	60.28	AV	H	34.13	3.56	0.00	91.95	N/A	N/A
5580.00	77.06	PK	V	34.13	3.56	0.00	108.73	N/A	N/A
5580.00	67.83	AV	V	34.13	3.56	0.00	99.50	N/A	N/A
11160.00	60.56	PK	V	38.66	6.58	37.16	62.62	74.00	11.38
11160.00	47.06	AV	V	38.66	6.58	37.16	49.12	54.00	4.88
16740.00	45.71	PK	V	39.16	8.67	39.05	48.47	74.00	25.53
16740.00	34.96	AV	V	39.16	8.67	39.05	37.72	54.00	16.28
13478.00	44.82	PK	V	40.36	7.41	38.69	47.88	74.00	26.12
13478.00	35.04	AV	V	40.36	7.41	38.69	38.10	54.00	15.9
8933.00	43.98	PK	V	37.66	5.45	36.96	44.11	74.00	29.89
8933.00	34.51	AV	V	37.66	5.45	36.96	34.64	54.00	19.36
High Channel: 5700 MHz									
5700.00	70.87	PK	H	34.18	3.68	0.00	102.71	N/A	N/A
5700.00	60.16	AV	H	34.18	3.68	0.00	92.00	N/A	N/A
5700.00	77.38	PK	V	34.18	3.68	0.00	109.22	N/A	N/A
5700.00	67.69	AV	V	34.18	3.68	0.00	99.53	N/A	N/A
5725.00	28.44	PK	V	34.19	3.69	0.00	60.30	74.00	13.70
5725.00	17.70	AV	V	34.19	3.69	0.00	49.56	54.00	4.44
11400.00	60.35	PK	V	38.90	6.59	37.30	62.52	74.00	11.48
11400.00	47.55	AV	V	38.90	6.59	37.30	49.72	54.00	4.28
17100.00	45.27	PK	V	40.78	8.75	38.70	50.08	74.00	23.92
17100.00	35.26	AV	V	40.78	8.75	38.70	40.07	54.00	13.93
9365.00	43.89	PK	V	37.85	5.67	36.70	44.69	74.00	29.31
9365.00	34.46	AV	V	37.85	5.67	36.70	35.26	54.00	18.74

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	70.41	PK	H	34.19	3.69	0.00	102.27	N/A	N/A
5720.00	60.02	AV	H	34.19	3.69	0.00	91.88	N/A	N/A
5720.00	77.48	PK	V	34.19	3.69	0.00	109.34	N/A	N/A
5720.00	67.28	AV	V	34.19	3.69	0.00	99.14	N/A	N/A
11440.00	60.68	PK	V	38.94	6.59	37.32	62.87	74.00	11.13
11440.00	47.30	AV	V	38.94	6.59	37.32	49.49	54.00	4.51
17160.00	45.53	PK	V	41.13	8.76	38.66	50.74	74.00	23.26
17160.00	34.83	AV	V	41.13	8.76	38.66	40.04	54.00	13.96
8655.00	44.91	PK	V	37.49	5.27	37.06	44.59	74.00	29.41
8655.00	35.31	AV	V	37.49	5.27	37.06	34.99	54.00	19.01
9165.00	46.03	PK	V	37.77	5.57	36.82	46.53	74.00	27.47
9165.00	32.57	AV	V	37.77	5.57	36.82	33.07	54.00	20.93

802.11 n ht40 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	64.17	PK	H	34.10	3.54	0.00	95.79	N/A	N/A
5510.00	54.32	AV	H	34.10	3.54	0.00	85.94	N/A	N/A
5510.00	72.99	PK	V	34.10	3.54	0.00	104.61	N/A	N/A
5510.00	63.30	AV	V	34.10	3.54	0.00	94.92	N/A	N/A
5470.00	28.93	PK	V	34.05	3.56	0.00	60.52	74.00	13.48
5470.00	17.75	AV	V	34.05	3.56	0.00	49.34	54.00	4.66
11020.00	59.87	PK	V	38.52	6.57	37.07	61.87	74.00	12.13
11020.00	47.23	AV	V	38.52	6.57	37.07	49.23	54.00	4.77
16530.00	45.68	PK	V	38.32	8.64	39.27	47.35	74.00	26.65
16530.00	35.87	AV	V	38.32	8.64	39.27	37.54	54.00	16.46
8364.00	46.18	PK	V	37.24	5.06	37.01	45.45	74.00	28.55
8364.00	34.41	AV	V	37.24	5.06	37.01	33.68	54.00	20.32
Middle Channel: 5550 MHz									
5550.00	64.56	PK	H	34.12	3.56	0.00	96.22	N/A	N/A
5550.00	53.94	AV	H	34.12	3.56	0.00	85.60	N/A	N/A
5550.00	73.12	PK	V	34.12	3.56	0.00	104.78	N/A	N/A
5550.00	63.10	AV	V	34.12	3.56	0.00	94.76	N/A	N/A
11100.00	60.18	PK	V	38.60	6.57	37.12	62.21	74.00	11.79
11100.00	47.87	AV	V	38.60	6.57	37.12	49.90	54.00	4.1
16650.00	45.30	PK	V	38.80	8.66	39.14	47.60	74.00	26.4
16650.00	35.19	AV	V	38.80	8.66	39.14	37.49	54.00	16.51
9546.00	44.12	PK	V	37.92	5.77	36.62	45.17	74.00	28.83
9546.00	34.68	AV	V	37.92	5.77	36.62	35.73	54.00	18.27
8537.00	44.28	PK	V	37.42	5.19	37.11	43.76	74.00	30.24
8537.00	34.74	AV	V	37.42	5.19	37.11	34.22	54.00	19.78
High Channel: 5670 MHz									
5670.00	64.14	PK	H	34.17	3.65	0.00	95.94	N/A	N/A
5670.00	54.55	AV	H	34.17	3.65	0.00	86.35	N/A	N/A
5670.00	73.73	PK	V	34.17	3.65	0.00	105.53	N/A	N/A
5670.00	63.80	AV	V	34.17	3.65	0.00	95.60	N/A	N/A
5725.00	28.92	PK	V	34.19	3.69	37.33	23.45	74.00	50.55
5725.00	17.74	AV	V	34.19	3.69	37.33	12.27	54.00	41.73
11340.00	59.80	PK	V	38.84	6.58	37.26	61.94	74.00	12.06
11340.00	47.50	AV	V	38.84	6.58	37.26	49.64	54.00	4.36
17010.00	45.61	PK	V	40.26	8.72	38.76	49.81	74.00	24.19
17010.00	35.56	AV	V	40.26	8.72	38.76	39.76	54.00	14.24
9655.00	44.82	PK	V	37.96	5.84	36.66	45.94	74.00	28.06
9655.00	34.49	AV	V	37.96	5.84	36.66	35.61	54.00	18.39

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	64.52	PK	H	34.18	3.68	0.00	96.36	N/A	N/A
5710.00	54.79	AV	H	34.18	3.68	0.00	86.63	N/A	N/A
5710.00	73.06	PK	V	34.18	3.68	0.00	104.90	N/A	N/A
5710.00	63.82	AV	V	34.18	3.68	0.00	95.66	N/A	N/A
11420.00	59.63	PK	V	38.92	6.59	37.31	61.81	74.00	12.19
11420.00	47.81	AV	V	38.92	6.59	37.31	49.99	54.00	4.01
17130.00	45.72	PK	V	40.95	8.75	38.68	50.72	74.00	23.28
17130.00	35.43	AV	V	40.95	8.75	38.68	40.43	54.00	13.57
9546.00	44.86	PK	V	37.92	5.77	36.62	45.91	74.00	28.09
9546.00	34.28	AV	V	37.92	5.77	36.62	35.33	54.00	18.67
8537.00	45.93	PK	V	37.42	5.19	37.11	45.41	74.00	28.59
8537.00	33.51	AV	V	37.42	5.19	37.11	32.99	54.00	21.01



## 802.11 ac40 Mode (Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	64.65	PK	H	34.10	3.54	0.00	96.27	N/A	N/A
5510.00	54.44	AV	H	34.10	3.54	0.00	86.06	N/A	N/A
5510.00	73.32	PK	V	34.10	3.54	0.00	104.94	N/A	N/A
5510.00	63.37	AV	V	34.10	3.54	0.00	94.99	N/A	N/A
5470.00	28.71	PK	V	34.05	3.56	0.00	60.30	74.00	13.70
5470.00	18.05	AV	V	34.05	3.56	0.00	49.64	54.00	4.36
11020.00	60.00	PK	V	38.52	6.57	37.07	62.00	74.00	12.00
11020.00	47.30	AV	V	38.52	6.57	37.07	49.30	54.00	4.70
16530.00	45.18	PK	V	38.32	8.64	39.27	46.85	74.00	27.15
16530.00	35.62	AV	V	38.32	8.64	39.27	37.29	54.00	16.71
8455.00	46.42	PK	V	37.35	5.13	37.08	45.80	74.00	28.20
8455.00	34.19	AV	V	37.35	5.13	37.08	33.57	54.00	20.43
Middle Channel: 5550 MHz									
5550.00	64.21	PK	H	34.12	3.56	0.00	95.87	N/A	N/A
5550.00	54.14	AV	H	34.12	3.56	0.00	85.80	N/A	N/A
5550.00	73.57	PK	V	34.12	3.56	0.00	105.23	N/A	N/A
5550.00	63.52	AV	V	34.12	3.56	0.00	95.18	N/A	N/A
11100.00	59.98	PK	V	38.60	6.57	37.12	62.01	74.00	11.99
11100.00	47.82	AV	V	38.60	6.57	37.12	49.85	54.00	4.15
16650.00	45.62	PK	V	38.80	8.66	39.14	47.92	74.00	26.08
16650.00	35.49	AV	V	38.80	8.66	39.14	37.79	54.00	16.21
14578.00	44.11	PK	V	41.51	7.84	39.11	48.33	74.00	25.67
14578.00	34.50	AV	V	41.51	7.84	39.11	38.72	54.00	15.28
9144.00	44.40	PK	V	37.76	5.56	36.84	44.86	74.00	29.14
9144.00	34.87	AV	V	37.76	5.56	36.84	35.33	54.00	18.67
High Channel: 5670 MHz									
5670.00	64.55	PK	H	34.17	3.65	0.00	96.35	N/A	N/A
5670.00	53.93	AV	H	34.17	3.65	0.00	85.73	N/A	N/A
5670.00	72.83	PK	V	34.17	3.65	0.00	104.63	N/A	N/A
5670.00	63.36	AV	V	34.17	3.65	0.00	95.16	N/A	N/A
5725.00	29.10	PK	V	34.19	3.69	0.00	60.96	74.00	13.04
5725.00	18.11	AV	V	34.19	3.69	0.00	49.97	54.00	4.03
11340.00	59.65	PK	V	38.84	6.58	37.26	61.79	74.00	12.21
11340.00	47.60	AV	V	38.84	6.58	37.26	49.74	54.00	4.26
17010.00	45.42	PK	V	40.26	8.72	38.76	49.62	74.00	24.38
17010.00	35.78	AV	V	40.26	8.72	38.76	39.98	54.00	14.02
8961.00	46.56	PK	V	37.68	5.47	36.94	46.75	74.00	27.25
8961.00	34.19	AV	V	37.68	5.47	36.94	34.38	54.00	19.62

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	64.25	PK	H	34.18	3.68	0.00	96.09	N/A	N/A
5710.00	53.99	AV	H	34.18	3.68	0.00	85.83	N/A	N/A
5710.00	73.27	PK	V	34.18	3.68	0.00	105.11	N/A	N/A
5710.00	63.16	AV	V	34.18	3.68	0.00	95.00	N/A	N/A
11420.00	60.04	PK	V	38.92	6.59	37.31	62.22	74.00	11.78
11420.00	48.14	AV	V	38.92	6.59	37.31	50.32	54.00	3.68
17130.00	45.70	PK	V	40.95	8.75	38.68	50.70	74.00	23.3
17130.00	34.91	AV	V	40.95	8.75	38.68	39.91	54.00	14.09
9546.00	44.34	PK	V	37.92	5.77	36.62	45.39	74.00	28.61
9546.00	34.95	AV	V	37.92	5.77	36.62	36.00	54.00	18
8537.00	44.24	PK	V	37.42	5.19	37.11	43.72	74.00	30.28
8537.00	34.78	AV	V	37.42	5.19	37.11	34.26	54.00	19.74

802.11 ac80 Mode(Chain 0+1 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5530 MHz									
5530.00	60.29	PK	H	34.11	3.55	0.00	91.93	N/A	N/A
5530.00	50.10	AV	H	34.11	3.55	0.00	81.74	N/A	N/A
5530.00	69.68	PK	V	34.11	3.55	0.00	101.32	N/A	N/A
5530.00	58.94	AV	V	34.11	3.55	0.00	90.58	N/A	N/A
5470.00	28.84	PK	V	34.05	3.56	0.00	60.43	74.00	13.57
5470.00	18.18	AV	V	34.05	3.56	0.00	49.77	54.00	4.23
5824.00	28.63	PK	V	34.23	3.73	0.00	60.57	74.00	13.43
5824.00	17.44	AV	V	34.23	3.73	0.00	49.38	54.00	4.62
11060.00	63.37	PK	V	38.56	6.57	37.10	65.38	74.00	8.62
11060.00	47.04	AV	V	38.56	6.57	37.10	49.05	54.00	4.95
16590.00	45.89	PK	V	38.56	8.65	39.20	47.88	74.00	26.12
16590.00	33.63	AV	V	38.56	8.65	39.20	35.62	54.00	18.38
8435.00	45.54	PK	V	37.32	5.12	37.07	44.89	74.00	29.11
8435.00	32.50	AV	V	37.32	5.12	37.07	31.85	54.00	22.15
Middle Channel: 5610 MHz									
5610.00	60.40	PK	H	34.14	3.58	0.00	92.10	N/A	N/A
5610.00	50.01	AV	H	34.14	3.58	0.00	81.71	N/A	N/A
5610.00	69.93	PK	V	34.14	3.58	0.00	101.63	N/A	N/A
5610.00	58.96	AV	V	34.14	3.58	0.00	90.66	N/A	N/A
5470.00	28.68	PK	V	34.05	3.56	0.00	60.27	74.00	13.73
5470.00	18.63	AV	V	34.05	3.56	0.00	50.22	54.00	3.78
5725.00	28.58	PK	V	34.19	3.69	0.00	60.44	74.00	13.56
5725.00	17.46	AV	V	34.19	3.69	0.00	49.32	54.00	4.68
11220.00	63.51	PK	V	38.72	6.58	37.19	65.60	74.00	8.40
11220.00	46.68	AV	V	38.72	6.58	37.19	48.77	54.00	5.23
16830.00	46.01	PK	V	39.52	8.69	38.95	49.25	74.00	24.75
16830.00	33.87	AV	V	39.52	8.69	38.95	37.11	54.00	16.89
8468.00	45.36	PK	V	37.36	5.14	37.09	44.75	74.00	29.25
8468.00	32.42	AV	V	37.36	5.14	37.09	31.81	54.00	22.19
High Channel: 5690 MHz									
5690.00	60.19	PK	H	34.18	3.67	0.00	92.02	N/A	N/A
5690.00	50.23	AV	H	34.18	3.67	0.00	82.06	N/A	N/A
5690.00	69.75	PK	V	34.18	3.67	0.00	101.58	N/A	N/A
5690.00	59.31	AV	V	34.18	3.67	0.00	91.14	N/A	N/A
11380.00	63.45	PK	V	38.88	6.59	37.29	65.61	74.00	8.39
11380.00	46.73	AV	V	38.88	6.59	37.29	48.89	54.00	5.11
17070.00	46.14	PK	V	40.61	8.74	38.72	50.75	74.00	23.25
17070.00	33.54	AV	V	40.61	8.74	38.72	38.15	54.00	15.85
8165.00	45.81	PK	V	37.00	4.90	36.85	44.84	74.00	29.16
8165.00	32.45	AV	V	37.00	4.90	36.85	31.48	54.00	22.52
8435.00	45.47	PK	V	37.32	5.12	37.07	44.82	74.00	29.18
8435.00	32.39	AV	V	37.32	5.12	37.07	31.74	54.00	22.26

**Radio 1, 5470-5725MHz, Beamforming 3TX**

802.11a Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	72.32	PK	H	34.10	3.54	0.00	103.94	N/A	N/A
5500.00	62.16	AV	H	34.10	3.54	0.00	93.78	N/A	N/A
5500.00	80.31	PK	V	34.10	3.54	0.00	111.93	N/A	N/A
5500.00	70.60	AV	V	34.10	3.54	0.00	102.22	N/A	N/A
5470.00	28.30	PK	V	34.05	3.56	0.00	59.89	74.00	14.11
5470.00	17.76	AV	V	34.05	3.56	0.00	49.35	54.00	4.65
11000.00	60.51	PK	V	38.50	6.57	37.06	62.50	74.00	11.50
11000.00	47.76	AV	V	38.50	6.57	37.06	49.75	54.00	4.25
16500.00	45.17	PK	V	38.20	8.63	39.30	46.68	74.00	27.32
16500.00	35.10	AV	V	38.20	8.63	39.30	36.61	54.00	17.39
8679.00	44.00	PK	V	37.51	5.28	37.05	43.72	74.00	30.28
8679.00	34.61	AV	V	37.51	5.28	37.05	34.33	54.00	19.67
Middle Channel: 5580 MHz									
5580.00	72.38	PK	H	34.13	3.56	0.00	104.05	N/A	N/A
5580.00	62.23	AV	H	34.13	3.56	0.00	93.90	N/A	N/A
5580.00	80.20	PK	V	34.13	3.56	0.00	111.87	N/A	N/A
5580.00	70.68	AV	V	34.13	3.56	0.00	102.35	N/A	N/A
11160.00	60.64	PK	V	38.66	6.58	37.16	62.70	74.00	11.3
11160.00	47.29	AV	V	38.66	6.58	37.16	49.35	54.00	4.65
16740.00	45.81	PK	V	39.16	8.67	39.05	48.57	74.00	25.43
16740.00	35.16	AV	V	39.16	8.67	39.05	37.92	54.00	16.08
13354.00	44.68	PK	V	40.14	7.40	38.65	47.55	74.00	26.45
13354.00	34.80	AV	V	40.14	7.40	38.65	37.67	54.00	16.33
8965.00	44.38	PK	V	37.68	5.47	36.94	44.57	74.00	29.43
8965.00	34.61	AV	V	37.68	5.47	36.94	34.80	54.00	19.2
High Channel: 5700 MHz									
5700.00	72.96	PK	H	34.18	3.68	0.00	104.80	N/A	N/A
5700.00	60.39	AV	H	34.18	3.68	0.00	92.23	N/A	N/A
5700.00	80.49	PK	V	34.18	3.68	0.00	112.33	N/A	N/A
5700.00	69.97	AV	V	34.18	3.68	0.00	101.81	N/A	N/A
5725.00	28.58	PK	V	34.19	3.69	0.00	60.44	74.00	13.56
5725.00	17.17	AV	V	34.19	3.69	0.00	49.03	54.00	4.97
11400.00	60.48	PK	V	38.90	6.59	37.30	62.65	74.00	11.35
11400.00	47.54	AV	V	38.90	6.59	37.30	49.71	54.00	4.29
17100.00	45.67	PK	V	40.78	8.75	38.70	50.48	74.00	23.52
17100.00	35.66	AV	V	40.78	8.75	38.70	40.47	54.00	13.53
9655.00	44.24	PK	V	37.96	5.84	36.66	45.36	74.00	28.64
9655.00	34.39	AV	V	37.96	5.84	36.66	35.51	54.00	18.49

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	72.93	PK	H	34.19	3.69	0.00	104.79	N/A	N/A
5720.00	62.51	AV	H	34.19	3.69	0.00	94.37	N/A	N/A
5720.00	80.85	PK	V	34.19	3.69	0.00	112.71	N/A	N/A
5720.00	70.22	AV	V	34.19	3.69	0.00	102.08	N/A	N/A
11440.00	60.98	PK	V	38.94	6.59	37.32	63.17	74.00	10.83
11440.00	47.53	AV	V	38.94	6.59	37.32	49.72	54.00	4.28
17160.00	45.59	PK	V	41.13	8.76	38.66	50.80	74.00	23.20
17160.00	34.93	AV	V	41.13	8.76	38.66	40.14	54.00	13.86
8972.00	44.14	PK	V	37.68	5.47	36.94	44.33	74.00	29.67
8972.00	34.63	AV	V	37.68	5.47	36.94	34.82	54.00	19.18
9355.00	44.31	PK	V	37.84	5.67	36.70	45.10	74.00	28.90
9355.00	34.61	AV	V	37.84	5.67	36.70	35.40	54.00	18.60

802.11n ht20 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	72.52	PK	H	34.10	3.54	0.00	104.14	N/A	N/A
5500.00	62.37	AV	H	34.10	3.54	0.00	93.99	N/A	N/A
5500.00	80.39	PK	V	34.10	3.54	0.00	112.01	N/A	N/A
5500.00	70.59	AV	V	34.10	3.54	0.00	102.21	N/A	N/A
5470.00	28.35	PK	V	34.05	3.56	0.00	59.94	74.00	14.06
5470.00	17.93	AV	V	34.05	3.56	0.00	49.52	54.00	4.48
11000.00	60.06	PK	V	38.50	6.57	37.06	62.05	74.00	11.95
11000.00	47.67	AV	V	38.50	6.57	37.06	49.66	54.00	4.34
16500.00	45.06	PK	V	38.20	8.63	39.30	46.57	74.00	27.43
16500.00	35.32	AV	V	38.20	8.63	39.30	36.83	54.00	17.17
13567.00	44.48	PK	V	40.49	7.44	38.79	47.60	74.00	26.40
13567.00	34.66	AV	V	40.49	7.44	38.79	37.78	54.00	16.22
Middle Channel: 5580 MHz									
5580.00	72.67	PK	H	34.13	3.56	0.00	104.34	N/A	N/A
5580.00	62.32	AV	H	34.13	3.56	0.00	93.99	N/A	N/A
5580.00	80.31	PK	V	34.13	3.56	0.00	111.98	N/A	N/A
5580.00	70.85	AV	V	34.13	3.56	0.00	102.52	N/A	N/A
11160.00	60.34	PK	V	38.66	6.58	37.16	62.40	74.00	11.6
11160.00	47.68	AV	V	38.66	6.58	37.16	49.74	54.00	4.26
16740.00	45.91	PK	V	39.16	8.67	39.05	48.67	74.00	25.33
16740.00	35.26	AV	V	39.16	8.67	39.05	38.02	54.00	15.98
12566.00	44.69	PK	V	38.63	7.05	38.28	46.07	74.00	27.93
12566.00	34.90	AV	V	38.63	7.05	38.28	36.28	54.00	17.72
9345.00	44.20	PK	V	37.84	5.66	36.71	44.97	74.00	29.03
9345.00	34.32	AV	V	37.84	5.66	36.71	35.09	54.00	18.91
High Channel: 5700 MHz									
5700.00	72.37	PK	H	34.18	3.68	0.00	104.21	N/A	N/A
5700.00	62.02	AV	H	34.18	3.68	0.00	93.86	N/A	N/A
5700.00	80.56	PK	V	34.18	3.68	0.00	112.40	N/A	N/A
5700.00	70.54	AV	V	34.18	3.68	0.00	102.38	N/A	N/A
5725.00	28.58	PK	V	34.19	3.69	0.00	60.44	74.00	13.56
5725.00	17.87	AV	V	34.19	3.69	0.00	49.73	54.00	4.27
11400.00	60.42	PK	V	38.90	6.59	37.30	62.59	74.00	11.41
11400.00	47.81	AV	V	38.90	6.59	37.30	49.98	54.00	4.02
17100.00	45.28	PK	V	40.78	8.75	38.70	50.09	74.00	23.91
17100.00	34.95	AV	V	40.78	8.75	38.70	39.76	54.00	14.24
9655.00	44.23	PK	V	37.96	5.84	36.66	45.35	74.00	28.65
9655.00	34.62	AV	V	37.96	5.84	36.66	35.74	54.00	18.26

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	72.50	PK	H	34.19	3.69	0.00	104.36	N/A	N/A
5720.00	62.08	AV	H	34.19	3.69	0.00	93.94	N/A	N/A
5720.00	80.50	PK	V	34.19	3.69	0.00	112.36	N/A	N/A
5720.00	70.63	AV	V	34.19	3.69	0.00	102.49	N/A	N/A
11440.00	60.62	PK	V	38.94	6.59	37.32	62.81	74.00	11.19
11440.00	47.24	AV	V	38.94	6.59	37.32	49.43	54.00	4.57
17160.00	45.95	PK	V	41.13	8.76	38.66	51.16	74.00	22.84
17160.00	35.30	AV	V	41.13	8.76	38.66	40.51	54.00	13.49
8655.00	44.59	PK	V	37.49	5.27	37.06	44.27	74.00	29.73
8655.00	35.07	AV	V	37.49	5.27	37.06	34.75	54.00	19.25
9165.00	44.31	PK	V	37.77	5.57	36.82	44.81	74.00	29.19
9165.00	34.47	AV	V	37.77	5.57	36.82	34.97	54.00	19.03

802.11 ac20 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	72.44	PK	H	34.10	3.54	0.00	104.06	N/A	N/A
5500.00	61.98	AV	H	34.10	3.54	0.00	93.60	N/A	N/A
5500.00	80.35	PK	V	34.10	3.54	0.00	111.97	N/A	N/A
5500.00	70.53	AV	V	34.10	3.54	0.00	102.15	N/A	N/A
5470.00	28.31	PK	V	34.05	3.56	0.00	59.90	74.00	14.10
5470.00	17.43	AV	V	34.05	3.56	0.00	49.02	54.00	4.98
11000.00	60.26	PK	V	38.50	6.57	37.06	62.25	74.00	11.75
11000.00	47.80	AV	V	38.50	6.57	37.06	49.79	54.00	4.21
16500.00	45.65	PK	V	38.20	8.63	39.30	47.16	74.00	26.84
16500.00	35.31	AV	V	38.20	8.63	39.30	36.82	54.00	17.18
8772.00	44.20	PK	V	37.56	5.34	37.02	44.06	74.00	29.94
8772.00	34.75	AV	V	37.56	5.34	37.02	34.61	54.00	19.39
Middle Channel: 5580 MHz									
5580.00	72.85	PK	H	34.13	3.56	0.00	104.52	N/A	N/A
5580.00	62.36	AV	H	34.13	3.56	0.00	94.03	N/A	N/A
5580.00	80.32	PK	V	34.13	3.56	0.00	111.99	N/A	N/A
5580.00	70.70	AV	V	34.13	3.56	0.00	102.37	N/A	N/A
11160.00	60.64	PK	V	38.66	6.58	37.16	62.70	74.00	11.3
11160.00	47.09	AV	V	38.66	6.58	37.16	49.15	54.00	4.85
16740.00	46.04	PK	V	39.16	8.67	39.05	48.80	74.00	25.2
16740.00	35.44	AV	V	39.16	8.67	39.05	38.20	54.00	15.8
13478.00	44.27	PK	V	40.36	7.41	38.69	47.33	74.00	26.67
13478.00	34.97	AV	V	40.36	7.41	38.69	38.03	54.00	15.97
8933.00	44.34	PK	V	37.66	5.45	36.96	44.47	74.00	29.53
8933.00	34.67	AV	V	37.66	5.45	36.96	34.80	54.00	19.2
High Channel: 5700 MHz									
5700.00	72.30	PK	H	34.18	3.68	0.00	104.14	N/A	N/A
5700.00	62.07	AV	H	34.18	3.68	0.00	93.91	N/A	N/A
5700.00	80.46	PK	V	34.18	3.68	0.00	112.30	N/A	N/A
5700.00	70.30	AV	V	34.18	3.68	0.00	102.14	N/A	N/A
5725.00	28.26	PK	V	34.19	3.69	0.00	60.12	74.00	13.88
5725.00	17.51	AV	V	34.19	3.69	0.00	49.37	54.00	4.63
11400.00	60.52	PK	V	38.90	6.59	37.30	62.69	74.00	11.31
11400.00	47.67	AV	V	38.90	6.59	37.30	49.84	54.00	4.16
17100.00	45.68	PK	V	40.78	8.75	38.70	50.49	74.00	23.51
17100.00	34.94	AV	V	40.78	8.75	38.70	39.75	54.00	14.25
9365.00	44.27	PK	V	37.85	5.67	36.70	45.07	74.00	28.93
9365.00	34.90	AV	V	37.85	5.67	36.70	35.70	54.00	18.30



Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	72.30	PK	H	34.19	3.69	0.00	104.16	N/A	N/A
5720.00	62.09	AV	H	34.19	3.69	0.00	93.95	N/A	N/A
5720.00	80.00	PK	V	34.19	3.69	0.00	111.86	N/A	N/A
5720.00	70.59	AV	V	34.19	3.69	0.00	102.45	N/A	N/A
11440.00	60.09	PK	V	38.94	6.59	37.32	62.28	74.00	11.72
11440.00	47.41	AV	V	38.94	6.59	37.32	49.60	54.00	4.40
17160.00	45.73	PK	V	41.13	8.76	38.66	50.94	74.00	23.06
17160.00	35.48	AV	V	41.13	8.76	38.66	40.69	54.00	13.31
8655.00	44.58	PK	V	37.49	5.27	37.06	44.26	74.00	29.74
8655.00	34.93	AV	V	37.49	5.27	37.06	34.61	54.00	19.39
9165.00	44.00	PK	V	37.77	5.57	36.82	44.50	74.00	29.50
9165.00	34.67	AV	V	37.77	5.57	36.82	35.17	54.00	18.83

802.11 n ht40 Mode(Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	67.37	PK	H	34.10	3.54	0.00	98.99	N/A	N/A
5510.00	57.50	AV	H	34.10	3.54	0.00	89.12	N/A	N/A
5510.00	74.55	PK	V	34.10	3.54	0.00	106.17	N/A	N/A
5510.00	64.21	AV	V	34.10	3.54	0.00	95.83	N/A	N/A
5470.00	28.50	PK	V	34.05	3.56	0.00	60.09	74.00	13.91
5470.00	17.67	AV	V	34.05	3.56	0.00	49.26	54.00	4.74
11020.00	59.86	PK	V	38.52	6.57	37.07	61.86	74.00	12.14
11020.00	47.44	AV	V	38.52	6.57	37.07	49.44	54.00	4.56
16530.00	45.56	PK	V	38.32	8.64	39.27	47.23	74.00	26.77
16530.00	35.82	AV	V	38.32	8.64	39.27	37.49	54.00	16.51
8364.00	44.30	PK	V	37.24	5.06	37.01	43.57	74.00	30.43
8364.00	34.31	AV	V	37.24	5.06	37.01	33.58	54.00	20.42
Middle Channel: 5550 MHz									
5550.00	67.55	PK	H	34.12	3.56	0.00	99.21	N/A	N/A
5550.00	57.43	AV	H	34.12	3.56	0.00	89.09	N/A	N/A
5550.00	74.41	PK	V	34.12	3.56	0.00	106.07	N/A	N/A
5550.00	64.58	AV	V	34.12	3.56	0.00	96.24	N/A	N/A
11100.00	60.21	PK	V	38.60	6.57	37.12	62.24	74.00	11.76
11100.00	47.59	AV	V	38.60	6.57	37.12	49.62	54.00	4.38
16650.00	45.37	PK	V	38.80	8.66	39.14	47.67	74.00	26.33
16650.00	35.23	AV	V	38.80	8.66	39.14	37.53	54.00	16.47
9546.00	44.43	PK	V	37.92	5.77	36.62	45.48	74.00	28.52
9546.00	34.73	AV	V	37.92	5.77	36.62	35.78	54.00	18.22
8537.00	44.18	PK	V	37.42	5.19	37.11	43.66	74.00	30.34
8537.00	34.73	AV	V	37.42	5.19	37.11	34.21	54.00	19.79
High Channel: 5670 MHz									
5670.00	67.16	PK	H	34.17	3.65	0.00	98.96	N/A	N/A
5670.00	57.60	AV	H	34.17	3.65	0.00	89.40	N/A	N/A
5670.00	74.63	PK	V	34.17	3.65	0.00	106.43	N/A	N/A
5670.00	64.11	AV	V	34.17	3.65	0.00	95.91	N/A	N/A
5725.00	28.73	PK	V	34.19	3.69	37.33	23.26	74.00	50.74
5725.00	17.84	AV	V	34.19	3.69	37.33	12.37	54.00	41.63
11340.00	60.11	PK	V	38.84	6.58	37.26	62.25	74.00	11.75
11340.00	47.78	AV	V	38.84	6.58	37.26	49.92	54.00	4.08
17010.00	45.66	PK	V	40.26	8.72	38.76	49.86	74.00	24.14
17010.00	35.60	AV	V	40.26	8.72	38.76	39.80	54.00	14.20
9655.00	44.59	PK	V	37.96	5.84	36.66	45.71	74.00	28.29
9655.00	34.52	AV	V	37.96	5.84	36.66	35.64	54.00	18.36

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	67.39	PK	H	34.18	3.68	0.00	99.23	N/A	N/A
5710.00	57.49	AV	H	34.18	3.68	0.00	89.33	N/A	N/A
5710.00	74.52	PK	V	34.18	3.68	0.00	106.36	N/A	N/A
5710.00	64.90	AV	V	34.18	3.68	0.00	96.74	N/A	N/A
11420.00	60.14	PK	V	38.92	6.59	37.31	62.32	74.00	11.68
11420.00	47.65	AV	V	38.92	6.59	37.31	49.83	54.00	4.17
17130.00	45.24	PK	V	40.95	8.75	38.68	50.24	74.00	23.76
17130.00	35.24	AV	V	40.95	8.75	38.68	40.24	54.00	13.76
9546.00	44.37	PK	V	37.92	5.77	36.62	45.42	74.00	28.58
9546.00	34.61	AV	V	37.92	5.77	36.62	35.66	54.00	18.34
8537.00	43.99	PK	V	37.42	5.19	37.11	43.47	74.00	30.53
8537.00	34.49	AV	V	37.42	5.19	37.11	33.97	54.00	20.03

## 802.11 ac40 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	67.34	PK	H	34.10	3.54	0.00	98.96	N/A	N/A
5510.00	57.33	AV	H	34.10	3.54	0.00	88.95	N/A	N/A
5510.00	74.36	PK	V	34.10	3.54	0.00	105.98	N/A	N/A
5510.00	64.30	AV	V	34.10	3.54	0.00	95.92	N/A	N/A
5470.00	28.68	PK	V	34.05	3.56	0.00	60.27	74.00	13.73
5470.00	17.53	AV	V	34.05	3.56	0.00	49.12	54.00	4.88
11020.00	59.82	PK	V	38.52	6.57	37.07	61.82	74.00	12.18
11020.00	47.64	AV	V	38.52	6.57	37.07	49.64	54.00	4.36
16530.00	45.66	PK	V	38.32	8.64	39.27	47.33	74.00	26.67
16530.00	36.03	AV	V	38.32	8.64	39.27	37.70	54.00	16.30
8455.00	44.10	PK	V	37.35	5.13	37.08	43.48	74.00	30.52
8455.00	34.14	AV	V	37.35	5.13	37.08	33.52	54.00	20.48
Middle Channel: 5550 MHz									
5550.00	67.43	PK	H	34.12	3.56	0.00	99.09	N/A	N/A
5550.00	57.40	AV	H	34.12	3.56	0.00	89.06	N/A	N/A
5550.00	74.33	PK	V	34.12	3.56	0.00	105.99	N/A	N/A
5550.00	64.69	AV	V	34.12	3.56	0.00	96.35	N/A	N/A
11100.00	60.04	PK	V	38.60	6.57	37.12	62.07	74.00	11.93
11100.00	47.87	AV	V	38.60	6.57	37.12	49.90	54.00	4.1
16650.00	45.46	PK	V	38.80	8.66	39.14	47.76	74.00	26.24
16650.00	35.28	AV	V	38.80	8.66	39.14	37.58	54.00	16.42
14578.00	44.55	PK	V	41.51	7.84	39.11	48.77	74.00	25.23
14578.00	34.44	AV	V	41.51	7.84	39.11	38.66	54.00	15.34
9144.00	44.45	PK	V	37.76	5.56	36.84	44.91	74.00	29.09
9144.00	34.48	AV	V	37.76	5.56	36.84	34.94	54.00	19.06
High Channel: 5670 MHz									
5670.00	67.33	PK	H	34.17	3.65	0.00	99.13	N/A	N/A
5670.00	57.24	AV	H	34.17	3.65	0.00	89.04	N/A	N/A
5670.00	74.64	PK	V	34.17	3.65	0.00	106.44	N/A	N/A
5670.00	64.66	AV	V	34.17	3.65	0.00	96.46	N/A	N/A
5725.00	28.71	PK	V	34.19	3.69	0.00	60.57	74.00	13.43
5725.00	17.37	AV	V	34.19	3.69	0.00	49.23	54.00	4.77
11340.00	59.90	PK	V	38.84	6.58	37.26	62.04	74.00	11.96
11340.00	47.81	AV	V	38.84	6.58	37.26	49.95	54.00	4.05
17010.00	45.80	PK	V	40.26	8.72	38.76	50.00	74.00	24.00
17010.00	35.79	AV	V	40.26	8.72	38.76	39.99	54.00	14.01
8961.00	44.37	PK	V	37.68	5.47	36.94	44.56	74.00	29.44
8961.00	34.15	AV	V	37.68	5.47	36.94	34.34	54.00	19.66

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	67.43	PK	H	34.18	3.68	0.00	99.27	N/A	N/A
5710.00	57.28	AV	H	34.18	3.68	0.00	89.12	N/A	N/A
5710.00	74.49	PK	V	34.18	3.68	0.00	106.33	N/A	N/A
5710.00	64.78	AV	V	34.18	3.68	0.00	96.62	N/A	N/A
11420.00	60.29	PK	V	38.92	6.59	37.31	62.47	74.00	11.53
11420.00	47.63	AV	V	38.92	6.59	37.31	49.81	54.00	4.19
17130.00	45.23	PK	V	40.95	8.75	38.68	50.23	74.00	23.77
17130.00	35.46	AV	V	40.95	8.75	38.68	40.46	54.00	13.54
9546.00	44.34	PK	V	37.92	5.77	36.62	45.39	74.00	28.61
9546.00	34.55	AV	V	37.92	5.77	36.62	35.60	54.00	18.4
8537.00	44.23	PK	V	37.42	5.19	37.11	43.71	74.00	30.29
8537.00	34.57	AV	V	37.42	5.19	37.11	34.05	54.00	19.95

802.11 ac80 Mode (Chain 0+1+2 was the worst)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5530 MHz									
5530.00	63.36	PK	H	34.11	3.55	0.00	95.00	N/A	N/A
5530.00	53.07	AV	H	34.11	3.55	0.00	84.71	N/A	N/A
5530.00	71.82	PK	V	34.11	3.55	0.00	103.46	N/A	N/A
5530.00	60.92	AV	V	34.11	3.55	0.00	92.56	N/A	N/A
5470.00	28.57	PK	V	34.05	3.56	0.00	60.16	74.00	13.84
5470.00	18.60	AV	V	34.05	3.56	0.00	50.19	54.00	3.81
5824.00	28.20	PK	V	34.23	3.73	0.00	60.14	74.00	13.86
5824.00	17.55	AV	V	34.23	3.73	0.00	49.49	54.00	4.51
11060.00	63.48	PK	V	38.56	6.57	37.10	65.49	74.00	8.51
11060.00	46.94	AV	V	38.56	6.57	37.10	48.95	54.00	5.05
16590.00	46.04	PK	V	38.56	8.65	39.20	48.03	74.00	25.97
16590.00	33.67	AV	V	38.56	8.65	39.20	35.66	54.00	18.34
8435.00	45.68	PK	V	37.32	5.12	37.07	45.03	74.00	28.97
8435.00	32.29	AV	V	37.32	5.12	37.07	31.64	54.00	22.36
Middle Channel: 5610 MHz									
5610.00	63.21	PK	H	34.14	3.58	0.00	94.91	N/A	N/A
5610.00	52.96	AV	H	34.14	3.58	0.00	84.66	N/A	N/A
5610.00	71.59	PK	V	34.14	3.58	0.00	103.29	N/A	N/A
5610.00	61.05	AV	V	34.14	3.58	0.00	92.75	N/A	N/A
5470.00	28.66	PK	V	34.05	3.56	0.00	60.25	74.00	13.75
5470.00	18.34	AV	V	34.05	3.56	0.00	49.93	54.00	4.07
5725.00	28.23	PK	V	34.19	3.69	0.00	60.09	74.00	13.91
5725.00	17.88	AV	V	34.19	3.69	0.00	49.74	54.00	4.26
11220.00	63.18	PK	V	38.72	6.58	37.19	65.27	74.00	8.73
11220.00	47.05	AV	V	38.72	6.58	37.19	49.14	54.00	4.86
16830.00	46.08	PK	V	39.52	8.69	38.95	49.32	74.00	24.68
16830.00	33.69	AV	V	39.52	8.69	38.95	36.93	54.00	17.07
8468.00	46.00	PK	V	37.36	5.14	37.09	45.39	74.00	28.61
8468.00	32.30	AV	V	37.36	5.14	37.09	31.69	54.00	22.31
High Channel: 5690 MHz									
5690.00	63.28	PK	H	34.18	3.67	0.00	95.11	N/A	N/A
5690.00	53.02	AV	H	34.18	3.67	0.00	84.85	N/A	N/A
5690.00	71.81	PK	V	34.18	3.67	0.00	103.64	N/A	N/A
5690.00	61.37	AV	V	34.18	3.67	0.00	93.20	N/A	N/A
11380.00	63.57	PK	V	38.88	6.59	37.29	65.73	74.00	8.27
11380.00	47.30	AV	V	38.88	6.59	37.29	49.46	54.00	4.54
17070.00	46.00	PK	V	40.61	8.74	38.72	50.61	74.00	23.39
17070.00	33.83	AV	V	40.61	8.74	38.72	38.44	54.00	15.56
8165.00	45.74	PK	V	37.00	4.90	36.85	44.77	74.00	29.23
8165.00	32.22	AV	V	37.00	4.90	36.85	31.25	54.00	22.75
8435.00	45.66	PK	V	37.32	5.12	37.07	45.01	74.00	28.99
8435.00	32.30	AV	V	37.32	5.12	37.07	31.65	54.00	22.35

**Radio 1, 5470-5725MHz, Beamforming 4TX**

802.11a Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	74.10	PK	H	34.10	3.54	0.00	105.72	N/A	N/A
5500.00	63.32	AV	H	34.10	3.54	0.00	94.94	N/A	N/A
5500.00	82.23	PK	V	34.10	3.54	0.00	113.85	N/A	N/A
5500.00	71.39	AV	V	34.10	3.54	0.00	103.01	N/A	N/A
5470.00	28.46	PK	V	34.05	3.56	0.00	60.05	74.00	13.95
5470.00	17.81	AV	V	34.05	3.56	0.00	49.40	54.00	4.60
11000.00	60.38	PK	V	38.50	6.57	37.06	62.37	74.00	11.63
11000.00	47.85	AV	V	38.50	6.57	37.06	49.84	54.00	4.16
16500.00	45.28	PK	V	38.20	8.63	39.30	46.79	74.00	27.21
16500.00	35.22	AV	V	38.20	8.63	39.30	36.73	54.00	17.27
8679.00	44.39	PK	V	37.51	5.28	37.05	44.11	74.00	29.89
8679.00	34.81	AV	V	37.51	5.28	37.05	34.53	54.00	19.47
Middle Channel: 5580 MHz									
5580.00	74.29	PK	H	34.13	3.56	0.00	105.96	N/A	N/A
5580.00	64.28	AV	H	34.13	3.56	0.00	95.95	N/A	N/A
5580.00	82.48	PK	V	34.13	3.56	0.00	114.15	N/A	N/A
5580.00	71.60	AV	V	34.13	3.56	0.00	103.27	N/A	N/A
11160.00	60.27	PK	V	38.66	6.58	37.16	62.33	74.00	11.67
11160.00	47.39	AV	V	38.66	6.58	37.16	49.45	54.00	4.55
16740.00	45.58	PK	V	39.16	8.67	39.05	48.34	74.00	25.66
16740.00	35.20	AV	V	39.16	8.67	39.05	37.96	54.00	16.04
13354.00	44.37	PK	V	40.14	7.40	38.65	47.24	74.00	26.76
13354.00	34.70	AV	V	40.14	7.40	38.65	37.57	54.00	16.43
8965.00	44.36	PK	V	37.68	5.47	36.94	44.55	74.00	29.45
8965.00	34.33	AV	V	37.68	5.47	36.94	34.52	54.00	19.48
High Channel: 5700 MHz									
5700.00	73.75	PK	H	34.18	3.68	0.00	105.59	N/A	N/A
5700.00	63.25	AV	H	34.18	3.68	0.00	95.09	N/A	N/A
5700.00	82.31	PK	V	34.18	3.68	0.00	114.15	N/A	N/A
5700.00	71.92	AV	V	34.18	3.68	0.00	103.76	N/A	N/A
5725.00	28.39	PK	V	34.19	3.69	0.00	60.25	74.00	13.75
5725.00	17.02	AV	V	34.19	3.69	0.00	48.88	54.00	5.12
11400.00	60.50	PK	V	38.90	6.59	37.30	62.67	74.00	11.33
11400.00	47.59	AV	V	38.90	6.59	37.30	49.76	54.00	4.24
17100.00	45.66	PK	V	40.78	8.75	38.70	50.47	74.00	23.53
17100.00	35.51	AV	V	40.78	8.75	38.70	40.32	54.00	13.68
9655.00	44.25	PK	V	37.96	5.84	36.66	45.37	74.00	28.63
9655.00	34.39	AV	V	37.96	5.84	36.66	35.51	54.00	18.49

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	75.77	PK	H	34.19	3.69	0.00	107.63	N/A	N/A
5720.00	65.68	AV	H	34.19	3.69	0.00	97.54	N/A	N/A
5720.00	82.48	PK	V	34.19	3.69	0.00	114.34	N/A	N/A
5720.00	72.23	AV	V	34.19	3.69	0.00	104.09	N/A	N/A
11440.00	60.72	PK	V	38.94	6.59	37.32	62.91	74.00	11.09
11440.00	47.32	AV	V	38.94	6.59	37.32	49.51	54.00	4.49
17160.00	45.77	PK	V	41.13	8.76	38.66	50.98	74.00	23.02
17160.00	35.11	AV	V	41.13	8.76	38.66	40.32	54.00	13.68
8972.00	44.44	PK	V	37.68	5.47	36.94	44.63	74.00	29.37
8972.00	34.64	AV	V	37.68	5.47	36.94	34.83	54.00	19.17
9355.00	44.19	PK	V	37.84	5.67	36.70	44.98	74.00	29.02
9355.00	34.31	AV	V	37.84	5.67	36.70	35.10	54.00	18.90



## 802.11n ht20 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	72.29	PK	H	34.10	3.54	0.00	103.91	N/A	N/A
5500.00	61.39	AV	H	34.10	3.54	0.00	93.01	N/A	N/A
5500.00	81.31	PK	V	34.10	3.54	0.00	112.93	N/A	N/A
5500.00	72.60	AV	V	34.10	3.54	0.00	104.22	N/A	N/A
5470.00	28.64	PK	V	34.05	3.56	0.00	60.23	74.00	13.77
5470.00	17.45	AV	V	34.05	3.56	0.00	49.04	54.00	4.96
11000.00	61.19	PK	V	38.50	6.57	37.06	63.18	74.00	10.82
11000.00	47.31	AV	V	38.50	6.57	37.06	49.30	54.00	4.70
16500.00	45.65	PK	V	38.20	8.63	39.30	47.16	74.00	26.84
16500.00	35.29	AV	V	38.20	8.63	39.30	36.80	54.00	17.20
13567.00	44.57	PK	V	40.49	7.44	38.79	47.69	74.00	26.31
13567.00	34.51	AV	V	40.49	7.44	38.79	37.63	54.00	16.37
Middle Channel: 5580 MHz									
5580.00	75.69	PK	H	34.13	3.56	0.00	107.36	N/A	N/A
5580.00	65.18	AV	H	34.13	3.56	0.00	96.85	N/A	N/A
5580.00	82.53	PK	V	34.13	3.56	0.00	114.20	N/A	N/A
5580.00	72.46	AV	V	34.13	3.56	0.00	104.13	N/A	N/A
11160.00	61.14	PK	V	38.66	6.58	37.16	63.20	74.00	10.8
11160.00	47.62	AV	V	38.66	6.58	37.16	49.68	54.00	4.32
16740.00	45.63	PK	V	39.16	8.67	39.05	48.39	74.00	25.61
16740.00	34.74	AV	V	39.16	8.67	39.05	37.50	54.00	16.5
12566.00	44.29	PK	V	38.63	7.05	38.28	45.67	74.00	28.33
12566.00	34.52	AV	V	38.63	7.05	38.28	35.90	54.00	18.1
9345.00	44.29	PK	V	37.84	5.66	36.71	45.06	74.00	28.94
9345.00	34.58	AV	V	37.84	5.66	36.71	35.35	54.00	18.65
High Channel: 5700 MHz									
5700.00	72.63	PK	H	34.18	3.68	0.00	104.47	N/A	N/A
5700.00	61.33	AV	H	34.18	3.68	0.00	93.17	N/A	N/A
5700.00	81.53	PK	V	34.18	3.68	0.00	113.37	N/A	N/A
5700.00	70.87	AV	V	34.18	3.68	0.00	102.71	N/A	N/A
5725.00	28.75	PK	V	34.19	3.69	0.00	60.61	74.00	13.39
5725.00	17.52	AV	V	34.19	3.69	0.00	49.38	54.00	4.62
11400.00	61.39	PK	V	38.90	6.59	37.30	63.56	74.00	10.44
11400.00	46.83	AV	V	38.90	6.59	37.30	49.00	54.00	5.00
17100.00	46.21	PK	V	40.78	8.75	38.70	51.02	74.00	22.98
17100.00	33.59	AV	V	40.78	8.75	38.70	38.40	54.00	15.60
9655.00	46.00	PK	V	37.96	5.84	36.66	47.12	74.00	26.88
9655.00	32.46	AV	V	37.96	5.84	36.66	33.58	54.00	20.42

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	76.10	PK	H	34.19	3.69	0.00	107.96	N/A	N/A
5720.00	65.47	AV	H	34.19	3.69	0.00	97.33	N/A	N/A
5720.00	82.61	PK	V	34.19	3.69	0.00	114.47	N/A	N/A
5720.00	72.38	AV	V	34.19	3.69	0.00	104.24	N/A	N/A
11440.00	61.21	PK	V	38.94	6.59	37.32	63.40	74.00	10.60
11440.00	47.05	AV	V	38.94	6.59	37.32	49.24	54.00	4.76
17160.00	45.83	PK	V	41.13	8.76	38.66	51.04	74.00	22.96
17160.00	34.98	AV	V	41.13	8.76	38.66	40.19	54.00	13.81
8655.00	44.06	PK	V	37.49	5.27	37.06	43.74	74.00	30.26
8655.00	34.39	AV	V	37.49	5.27	37.06	34.07	54.00	19.93
9165.00	43.97	PK	V	37.77	5.57	36.82	44.47	74.00	29.53
9165.00	34.57	AV	V	37.77	5.57	36.82	35.07	54.00	18.93

## 802.11 ac20 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5500 MHz									
5500.00	72.51	PK	H	34.10	3.54	0.00	104.13	N/A	N/A
5500.00	62.34	AV	H	34.10	3.54	0.00	93.96	N/A	N/A
5500.00	80.44	PK	V	34.10	3.54	0.00	112.06	N/A	N/A
5500.00	70.06	AV	V	34.10	3.54	0.00	101.68	N/A	N/A
5470.00	28.47	PK	V	34.05	3.56	0.00	60.06	74.00	13.94
5470.00	17.35	AV	V	34.05	3.56	0.00	48.94	54.00	5.06
11000.00	60.29	PK	V	38.50	6.57	37.06	62.28	74.00	11.72
11000.00	46.66	AV	V	38.50	6.57	37.06	48.65	54.00	5.35
16500.00	45.37	PK	V	38.20	8.63	39.30	46.88	74.00	27.12
16500.00	35.51	AV	V	38.20	8.63	39.30	37.02	54.00	16.98
8772.00	44.39	PK	V	37.56	5.34	37.02	44.25	74.00	29.75
8772.00	34.32	AV	V	37.56	5.34	37.02	34.18	54.00	19.82
Middle Channel: 5580 MHz									
5580.00	72.35	PK	H	34.13	3.56	0.00	104.02	N/A	N/A
5580.00	61.44	AV	H	34.13	3.56	0.00	93.11	N/A	N/A
5580.00	81.41	PK	V	34.13	3.56	0.00	113.08	N/A	N/A
5580.00	71.16	AV	V	34.13	3.56	0.00	102.83	N/A	N/A
11160.00	59.86	PK	V	38.66	6.58	37.16	61.92	74.00	12.08
11160.00	47.65	AV	V	38.66	6.58	37.16	49.71	54.00	4.29
16740.00	45.35	PK	V	39.16	8.67	39.05	48.11	74.00	25.89
16740.00	35.65	AV	V	39.16	8.67	39.05	38.41	54.00	15.59
13478.00	44.35	PK	V	40.36	7.41	38.69	47.41	74.00	26.59
13478.00	34.50	AV	V	40.36	7.41	38.69	37.56	54.00	16.44
8933.00	45.50	PK	V	37.66	5.45	36.96	45.63	74.00	28.37
8933.00	34.47	AV	V	37.66	5.45	36.96	34.60	54.00	19.4
High Channel: 5700 MHz									
5700.00	71.67	PK	H	34.18	3.68	0.00	103.51	N/A	N/A
5700.00	61.30	AV	H	34.18	3.68	0.00	93.14	N/A	N/A
5700.00	81.17	PK	V	34.18	3.68	0.00	113.01	N/A	N/A
5700.00	71.44	AV	V	34.18	3.68	0.00	103.28	N/A	N/A
5725.00	28.56	PK	V	34.19	3.69	0.00	60.42	74.00	13.58
5725.00	17.80	AV	V	34.19	3.69	0.00	49.66	54.00	4.34
11400.00	59.81	PK	V	38.90	6.59	37.30	61.98	74.00	12.02
11400.00	47.49	AV	V	38.90	6.59	37.30	49.66	54.00	4.34
17100.00	46.54	PK	V	40.78	8.75	38.70	51.35	74.00	22.65
17100.00	34.19	AV	V	40.78	8.75	38.70	39.00	54.00	15.00
9365.00	45.74	PK	V	37.85	5.67	36.70	46.54	74.00	27.46
9365.00	32.45	AV	V	37.85	5.67	36.70	33.25	54.00	20.75

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5720 MHz									
5720.00	74.55	PK	H	34.19	3.69	0.00	106.41	N/A	N/A
5720.00	64.76	AV	H	34.19	3.69	0.00	96.62	N/A	N/A
5720.00	82.92	PK	V	34.19	3.69	0.00	114.78	N/A	N/A
5720.00	72.51	AV	V	34.19	3.69	0.00	104.37	N/A	N/A
11440.00	60.82	PK	V	38.94	6.59	37.32	63.01	74.00	10.99
11440.00	47.50	AV	V	38.94	6.59	37.32	49.69	54.00	4.31
17160.00	45.37	PK	V	41.13	8.76	38.66	50.58	74.00	23.42
17160.00	34.99	AV	V	41.13	8.76	38.66	40.20	54.00	13.80
8655.00	44.22	PK	V	37.49	5.27	37.06	43.90	74.00	30.10
8655.00	34.44	AV	V	37.49	5.27	37.06	34.12	54.00	19.88
9165.00	44.44	PK	V	37.77	5.57	36.82	44.94	74.00	29.06
9165.00	34.66	AV	V	37.77	5.57	36.82	35.16	54.00	18.84

## 802.11 n ht40 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	69.26	PK	H	34.10	3.54	0.00	100.88	N/A	N/A
5510.00	58.54	AV	H	34.10	3.54	0.00	90.16	N/A	N/A
5510.00	78.12	PK	V	34.10	3.54	0.00	109.74	N/A	N/A
5510.00	68.14	AV	V	34.10	3.54	0.00	99.76	N/A	N/A
5470.00	28.59	PK	V	34.05	3.56	0.00	60.18	74.00	13.82
5470.00	17.74	AV	V	34.05	3.56	0.00	49.33	54.00	4.67
11020.00	60.06	PK	V	38.52	6.57	37.07	62.06	74.00	11.94
11020.00	47.42	AV	V	38.52	6.57	37.07	49.42	54.00	4.58
16530.00	45.43	PK	V	38.32	8.64	39.27	47.10	74.00	26.90
16530.00	35.78	AV	V	38.32	8.64	39.27	37.45	54.00	16.55
8364.00	44.43	PK	V	37.24	5.06	37.01	43.70	74.00	30.30
8364.00	34.17	AV	V	37.24	5.06	37.01	33.44	54.00	20.56
Middle Channel: 5550 MHz									
5550.00	68.73	PK	H	34.12	3.56	0.00	100.39	N/A	N/A
5550.00	58.42	AV	H	34.12	3.56	0.00	90.08	N/A	N/A
5550.00	77.12	PK	V	34.12	3.56	0.00	108.78	N/A	N/A
5550.00	67.58	AV	V	34.12	3.56	0.00	99.24	N/A	N/A
11100.00	60.26	PK	V	38.60	6.57	37.12	62.29	74.00	11.71
11100.00	47.67	AV	V	38.60	6.57	37.12	49.70	54.00	4.3
16650.00	45.41	PK	V	38.80	8.66	39.14	47.71	74.00	26.29
16650.00	35.61	AV	V	38.80	8.66	39.14	37.91	54.00	16.09
9546.00	44.29	PK	V	37.92	5.77	36.62	45.34	74.00	28.66
9546.00	34.49	AV	V	37.92	5.77	36.62	35.54	54.00	18.46
8537.00	44.26	PK	V	37.42	5.19	37.11	43.74	74.00	30.26
8537.00	34.62	AV	V	37.42	5.19	37.11	34.10	54.00	19.9
High Channel: 5670 MHz									
5670.00	70.42	PK	H	34.17	3.65	0.00	102.22	N/A	N/A
5670.00	59.66	AV	H	34.17	3.65	0.00	91.46	N/A	N/A
5670.00	79.87	PK	V	34.17	3.65	0.00	111.67	N/A	N/A
5670.00	69.28	AV	V	34.17	3.65	0.00	101.08	N/A	N/A
5725.00	28.43	PK	V	34.19	3.69	37.33	22.96	74.00	51.04
5725.00	17.83	AV	V	34.19	3.69	37.33	12.36	54.00	41.64
11340.00	59.64	PK	V	38.84	6.58	37.26	61.78	74.00	12.22
11340.00	47.78	AV	V	38.84	6.58	37.26	49.92	54.00	4.08
17010.00	45.29	PK	V	40.26	8.72	38.76	49.49	74.00	24.51
17010.00	35.75	AV	V	40.26	8.72	38.76	39.95	54.00	14.05
9655.00	44.66	PK	V	37.96	5.84	36.66	45.78	74.00	28.22
9655.00	34.68	AV	V	37.96	5.84	36.66	35.80	54.00	18.20

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	68.55	PK	H	34.18	3.68	0.00	100.39	N/A	N/A
5710.00	58.41	AV	H	34.18	3.68	0.00	90.25	N/A	N/A
5710.00	77.45	PK	V	34.18	3.68	0.00	109.29	N/A	N/A
5710.00	67.61	AV	V	34.18	3.68	0.00	99.45	N/A	N/A
11420.00	60.09	PK	V	38.92	6.59	37.31	62.27	74.00	11.73
11420.00	47.89	AV	V	38.92	6.59	37.31	50.07	54.00	3.93
17130.00	45.28	PK	V	40.95	8.75	38.68	50.28	74.00	23.72
17130.00	35.60	AV	V	40.95	8.75	38.68	40.60	54.00	13.4
9546.00	44.20	PK	V	37.92	5.77	36.62	45.25	74.00	28.75
9546.00	34.62	AV	V	37.92	5.77	36.62	35.67	54.00	18.33
8537.00	43.97	PK	V	37.42	5.19	37.11	43.45	74.00	30.55
8537.00	34.48	AV	V	37.42	5.19	37.11	33.96	54.00	20.04

802.11 ac40 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5510 MHz									
5510.00	69.58	PK	H	34.10	3.54	0.00	101.20	N/A	N/A
5510.00	59.55	AV	H	34.10	3.54	0.00	91.17	N/A	N/A
5510.00	78.58	PK	V	34.10	3.54	0.00	110.20	N/A	N/A
5510.00	67.41	AV	V	34.10	3.54	0.00	99.03	N/A	N/A
5470.00	28.64	PK	V	34.05	3.56	0.00	60.23	74.00	13.77
5470.00	17.58	AV	V	34.05	3.56	0.00	49.17	54.00	4.83
11020.00	60.53	PK	V	38.52	6.57	37.07	62.53	74.00	11.47
11020.00	50.04	AV	V	38.52	6.57	37.07	52.04	54.00	1.96
16530.00	45.02	PK	V	38.32	8.64	39.27	46.69	74.00	27.31
16530.00	34.48	AV	V	38.32	8.64	39.27	36.15	54.00	17.85
8455.00	44.43	PK	V	37.35	5.13	37.08	43.81	74.00	30.19
8455.00	34.15	AV	V	37.35	5.13	37.08	33.53	54.00	20.47
Middle Channel: 5550 MHz									
5550.00	69.68	PK	H	34.12	3.56	0.00	101.34	N/A	N/A
5550.00	59.50	AV	H	34.12	3.56	0.00	91.16	N/A	N/A
5550.00	79.45	PK	V	34.12	3.56	0.00	111.11	N/A	N/A
5550.00	69.41	AV	V	34.12	3.56	0.00	101.07	N/A	N/A
11100.00	60.63	PK	V	38.60	6.57	37.12	62.66	74.00	11.34
11100.00	47.83	AV	V	38.60	6.57	37.12	49.86	54.00	4.14
16650.00	45.49	PK	V	38.80	8.66	39.14	47.79	74.00	26.21
16650.00	34.38	AV	V	38.80	8.66	39.14	36.68	54.00	17.32
14578.00	45.21	PK	V	41.51	7.84	39.11	49.43	74.00	24.57
14578.00	33.54	AV	V	41.51	7.84	39.11	37.76	54.00	16.24
9144.00	45.32	PK	V	37.76	5.56	36.84	45.78	74.00	28.22
9144.00	34.74	AV	V	37.76	5.56	36.84	35.20	54.00	18.8
High Channel: 5670 MHz									
5670.00	69.31	PK	H	34.17	3.65	0.00	101.11	N/A	N/A
5670.00	59.45	AV	H	34.17	3.65	0.00	91.25	N/A	N/A
5670.00	80.09	PK	V	34.17	3.65	0.00	111.89	N/A	N/A
5670.00	70.29	AV	V	34.17	3.65	0.00	102.09	N/A	N/A
5725.00	28.26	PK	V	34.19	3.69	0.00	60.12	74.00	13.88
5725.00	17.69	AV	V	34.19	3.69	0.00	49.55	54.00	4.45
11340.00	60.42	PK	V	38.84	6.58	37.26	62.56	74.00	11.44
11340.00	47.78	AV	V	38.84	6.58	37.26	49.92	54.00	4.08
17010.00	45.98	PK	V	40.26	8.72	38.76	50.18	74.00	23.82
17010.00	33.69	AV	V	40.26	8.72	38.76	37.89	54.00	16.11
8961.00	45.86	PK	V	37.68	5.47	36.94	46.05	74.00	27.95
8961.00	33.47	AV	V	37.68	5.47	36.94	33.66	54.00	20.34

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
Additional Channel: 5710 MHz									
5710.00	68.82	PK	H	34.18	3.68	0.00	100.66	N/A	N/A
5710.00	58.64	AV	H	34.18	3.68	0.00	90.48	N/A	N/A
5710.00	79.24	PK	V	34.18	3.68	0.00	111.08	N/A	N/A
5710.00	69.73	AV	V	34.18	3.68	0.00	101.57	N/A	N/A
11420.00	60.33	PK	V	38.92	6.59	37.31	62.51	74.00	11.49
11420.00	47.38	AV	V	38.92	6.59	37.31	49.56	54.00	4.44
17130.00	45.12	PK	V	40.95	8.75	38.68	50.12	74.00	23.88
17130.00	35.24	AV	V	40.95	8.75	38.68	40.24	54.00	13.76
9546.00	44.34	PK	V	37.92	5.77	36.62	45.39	74.00	28.61
9546.00	34.68	AV	V	37.92	5.77	36.62	35.73	54.00	18.27
8537.00	44.11	PK	V	37.42	5.19	37.11	43.59	74.00	30.41
8537.00	34.57	AV	V	37.42	5.19	37.11	34.05	54.00	19.95



802.11 ac80 Mode (Chain 0+1+2+3)

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
Low Channel: 5530 MHz									
5530.00	66.10	PK	H	34.11	3.55	0.00	97.74	N/A	N/A
5530.00	54.29	AV	H	34.11	3.55	0.00	85.93	N/A	N/A
5530.00	74.49	PK	V	34.11	3.55	0.00	106.13	N/A	N/A
5530.00	64.33	AV	V	34.11	3.55	0.00	95.97	N/A	N/A
5470.00	28.61	PK	V	34.05	3.56	0.00	60.20	74.00	13.80
5470.00	18.64	AV	V	34.05	3.56	0.00	50.23	54.00	3.77
5824.00	28.42	PK	V	34.23	3.73	0.00	60.36	74.00	13.64
5824.00	17.72	AV	V	34.23	3.73	0.00	49.66	54.00	4.34
11060.00	63.45	PK	V	38.56	6.57	37.10	65.46	74.00	8.54
11060.00	46.93	AV	V	38.56	6.57	37.10	48.94	54.00	5.06
16590.00	45.80	PK	V	38.56	8.65	39.20	47.79	74.00	26.21
16590.00	33.63	AV	V	38.56	8.65	39.20	35.62	54.00	18.38
8435.00	45.46	PK	V	37.32	5.12	37.07	44.81	74.00	29.19
8435.00	32.40	AV	V	37.32	5.12	37.07	31.75	54.00	22.25
Middle Channel: 5610 MHz									
5610.00	65.37	PK	H	34.14	3.58	0.00	97.07	N/A	N/A
5610.00	55.48	AV	H	34.14	3.58	0.00	87.18	N/A	N/A
5610.00	75.82	PK	V	34.14	3.58	0.00	107.52	N/A	N/A
5610.00	65.39	AV	V	34.14	3.58	0.00	97.09	N/A	N/A
5470.00	28.68	PK	V	34.05	3.56	0.00	60.27	74.00	13.73
5470.00	18.46	AV	V	34.05	3.56	0.00	50.05	54.00	3.95
5725.00	28.52	PK	V	34.19	3.69	0.00	60.38	74.00	13.62
5725.00	18.44	AV	V	34.19	3.69	0.00	50.30	54.00	3.70
11220.00	63.13	PK	V	38.72	6.58	37.19	65.22	74.00	8.78
11220.00	46.47	AV	V	38.72	6.58	37.19	48.56	54.00	5.44
16830.00	45.17	PK	V	39.52	8.69	38.95	48.41	74.00	25.59
16830.00	34.46	AV	V	39.52	8.69	38.95	37.70	54.00	16.30
8468.00	44.36	PK	V	37.36	5.14	37.09	43.75	74.00	30.25
8468.00	34.36	AV	V	37.36	5.14	37.09	33.75	54.00	20.25
High Channel: 5690 MHz									
5690.00	66.19	PK	H	34.18	3.67	0.00	98.02	N/A	N/A
5690.00	54.32	AV	H	34.18	3.67	0.00	86.15	N/A	N/A
5690.00	74.85	PK	V	34.18	3.67	0.00	106.68	N/A	N/A
5690.00	64.62	AV	V	34.18	3.67	0.00	96.45	N/A	N/A
11380.00	63.51	PK	V	38.88	6.59	37.29	65.67	74.00	8.33
11380.00	46.20	AV	V	38.88	6.59	37.29	48.36	54.00	5.64
17070.00	46.63	PK	V	40.61	8.74	38.72	51.24	74.00	22.76
17070.00	32.26	AV	V	40.61	8.74	38.72	36.87	54.00	17.13
8165.00	45.66	PK	V	37.00	4.90	36.85	44.69	74.00	29.31
8165.00	32.43	AV	V	37.00	4.90	36.85	31.46	54.00	22.54
8435.00	45.54	PK	V	37.32	5.12	37.07	44.89	74.00	29.11
8435.00	32.10	AV	V	37.32	5.12	37.07	31.45	54.00	22.55

**Radio 1,Non-beamforming, AC80+80 Mode:**

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
5210+5290MHz: Chain 1+chain 3									
5250.00	55.13	PK	H	33.70	3.51	0.00	86.32	N/A	N/A
5250.00	45.09	AV	H	33.70	3.51	0.00	76.28	N/A	N/A
5250.00	63.56	PK	V	33.70	3.51	0.00	94.75	N/A	N/A
5250.00	53.44	AV	V	33.70	3.51	0.00	84.63	N/A	N/A
5150.00	28.78	PK	V	33.54	3.56	0.00	59.86	74.00	14.14
5150.00	18.41	AV	V	33.54	3.56	0.00	49.49	54.00	4.51
5350.00	28.35	PK	V	33.86	3.52	0.00	59.71	74.00	14.29
5350.00	17.71	AV	V	33.86	3.52	0.00	49.07	54.00	4.93
10500.00	47.35	PK	V	38.20	6.38	36.88	49.03	74.00	24.97
10500.00	33.67	AV	V	38.20	6.38	36.88	35.35	54.00	18.65
15750.00	46.03	PK	V	37.85	8.78	39.20	47.44	74.00	26.56
15750.00	33.76	AV	V	37.85	8.78	39.20	35.17	54.00	18.83
8435.00	45.64	PK	V	37.32	5.12	37.07	44.99	74.00	29.01
8435.00	32.51	AV	V	37.32	5.12	37.07	31.86	54.00	22.14
5210+5290MHz: Chain 0+chain 2									
5250.00	53.06	PK	H	33.70	3.51	0.00	84.25	N/A	N/A
5250.00	43.21	AV	H	33.70	3.51	0.00	74.40	N/A	N/A
5250.00	61.61	PK	V	33.70	3.51	0.00	92.80	N/A	N/A
5250.00	51.24	AV	V	33.70	3.51	0.00	82.43	N/A	N/A
5150.00	28.79	PK	V	33.54	3.56	0.00	59.87	74.00	14.13
5150.00	18.41	AV	V	33.54	3.56	0.00	49.49	54.00	4.51
5350.00	28.15	PK	V	33.86	3.52	0.00	59.51	74.00	14.49
5350.00	17.82	AV	V	33.86	3.52	0.00	49.18	54.00	4.82
10500.00	47.58	PK	V	38.20	6.38	36.88	49.26	74.00	24.74
10500.00	33.39	AV	V	38.20	6.38	36.88	35.07	54.00	18.93
15750.00	46.07	PK	V	37.85	8.78	39.20	47.48	74.00	26.52
15750.00	33.67	AV	V	37.85	8.78	39.20	35.08	54.00	18.92
8468.00	45.49	PK	V	37.36	5.14	37.09	44.88	74.00	29.12
8468.00	32.44	AV	V	37.36	5.14	37.09	31.83	54.00	22.17

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
5530+5610MHz: Chain 1+chain 3									
5570.00	55.32	PK	H	34.13	3.56	0.00	86.99	N/A	N/A
5570.00	44.98	AV	H	34.13	3.56	0.00	76.65	N/A	N/A
5570.00	63.46	PK	V	34.13	3.56	0.00	95.13	N/A	N/A
5570.00	53.27	AV	V	34.13	3.56	0.00	84.94	N/A	N/A
5470.00	29.23	PK	V	34.05	3.56	0.00	60.82	74.00	13.18
5470.00	18.49	AV	V	34.05	3.56	0.00	50.08	54.00	3.92
5725.00	28.64	PK	V	34.19	3.69	0.00	60.50	74.00	13.50
5725.00	17.67	AV	V	34.19	3.69	0.00	49.53	54.00	4.47
11140.00	47.59	PK	V	38.64	6.58	37.14	49.65	74.00	24.35
11140.00	33.46	AV	V	38.64	6.58	37.14	35.52	54.00	18.48
16710.00	45.95	PK	V	39.04	8.67	39.08	48.56	74.00	25.44
16710.00	32.45	AV	V	39.04	8.67	39.08	35.06	54.00	18.94
8435.00	45.42	PK	V	37.32	5.12	37.07	44.77	74.00	29.23
8435.00	32.21	AV	V	37.32	5.12	37.07	31.56	54.00	22.44
5530+5610MHz: Chain 0+chain 2									
5570.00	53.06	PK	H	34.13	3.56	0.00	84.73	N/A	N/A
5570.00	42.97	AV	H	34.13	3.56	0.00	74.64	N/A	N/A
5570.00	61.78	PK	V	34.13	3.56	0.00	93.45	N/A	N/A
5570.00	51.36	AV	V	34.13	3.56	0.00	83.03	N/A	N/A
5470.00	29.03	PK	V	34.05	3.56	0.00	60.62	74.00	13.38
5470.00	18.13	AV	V	34.05	3.56	0.00	49.72	54.00	4.28
5725.00	28.85	PK	V	34.19	3.69	0.00	60.71	74.00	13.29
5725.00	17.64	AV	V	34.19	3.69	0.00	49.50	54.00	4.50
11140.00	47.86	PK	V	38.64	6.58	37.14	49.92	74.00	24.08
11140.00	33.54	AV	V	38.64	6.58	37.14	35.60	54.00	18.40
16710.00	46.18	PK	V	39.04	8.67	39.08	48.79	74.00	25.21
16710.00	33.27	AV	V	39.04	8.67	39.08	35.88	54.00	18.12
8468.00	45.42	PK	V	37.36	5.14	37.09	44.81	74.00	29.19
8468.00	32.45	AV	V	37.36	5.14	37.09	31.84	54.00	22.16

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
5210+5775MHz: Chain 1+chain 3									
5210.00	55.46	PK	H	33.64	3.58	0.00	86.66	N/A	N/A
5210.00	45.14	AV	H	33.64	3.58	0.00	76.34	N/A	N/A
5210.00	63.37	PK	V	33.64	3.58	0.00	94.57	N/A	N/A
5210.00	53.11	AV	V	33.64	3.58	0.00	84.31	N/A	N/A
5775.00	55.54	PK	H	34.21	3.70	0.00	87.43	N/A	N/A
5775.00	45.05	AV	H	34.21	3.70	0.00	76.94	N/A	N/A
5775.00	63.34	PK	V	34.21	3.70	0.00	95.23	N/A	N/A
5775.00	53.04	AV	V	34.21	3.70	0.00	84.93	N/A	N/A
5150.00	28.57	PK	V	33.54	3.56	0.00	59.65	74.00	14.35
5150.00	16.54	AV	V	33.54	3.56	0.00	47.62	54.00	6.38
5350.00	28.16	PK	V	33.86	3.52	0.00	59.52	74.00	14.48
5350.00	16.34	AV	V	33.86	3.52	0.00	47.70	54.00	6.30
5650.00	28.49	PK	V	34.16	3.63	0.00	60.26	68.20	7.94
5700.00	27.58	PK	V	34.18	3.68	0.00	59.42	105.20	45.78
5720.00	27.34	PK	V	34.19	3.69	0.00	59.20	110.80	51.60
5725.00	26.59	PK	V	34.19	3.69	0.00	58.45	122.20	63.75
5850.00	28.75	PK	V	34.24	3.75	0.00	60.72	122.20	61.48
5855.00	28.34	PK	V	34.24	3.75	0.00	60.31	110.80	50.49
5875.00	27.46	PK	V	34.25	3.77	0.00	59.46	105.20	45.74
5925.00	26.57	PK	V	34.27	3.80	0.00	58.62	68.20	9.58
10420.00	47.62	PK	V	38.18	6.33	36.86	49.25	74.00	24.75
10420.00	33.59	AV	V	38.18	6.33	36.86	35.22	54.00	18.78
15630.00	46.35	PK	V	37.97	8.82	39.11	48.01	74.00	25.99
15630.00	32.82	AV	V	37.97	8.82	39.11	34.48	54.00	19.52
11550.00	47.52	PK	V	39.00	6.61	37.42	49.69	74.00	24.31
11550.00	33.48	AV	V	39.00	6.61	37.42	35.65	54.00	18.35
17325.00	46.79	PK	V	42.09	8.80	38.54	53.12	74.00	20.88
17325.00	32.65	AV	V	42.09	8.80	38.54	38.98	54.00	15.02
8435.00	45.46	PK	V	37.32	5.12	37.07	44.81	74.00	29.19
8435.00	32.38	AV	V	37.32	5.12	37.07	31.73	54.00	22.27

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
5210+5775MHz: Chain 0+chain 2									
5210.00	54.45	PK	H	33.64	3.58	0.00	85.65	N/A	N/A
5210.00	44.06	AV	H	33.64	3.58	0.00	75.26	N/A	N/A
5210.00	62.27	PK	V	33.64	3.58	0.00	93.47	N/A	N/A
5210.00	52.04	AV	V	33.64	3.58	0.00	83.24	N/A	N/A
5775.00	53.47	PK	H	34.21	3.70	0.00	85.36	N/A	N/A
5775.00	43.22	AV	H	34.21	3.70	0.00	75.11	N/A	N/A
5775.00	61.35	PK	V	34.21	3.70	0.00	93.24	N/A	N/A
5775.00	51.18	AV	V	34.21	3.70	0.00	83.07	N/A	N/A
5150.00	28.61	PK	V	33.54	3.56	0.00	59.69	74.00	14.31
5150.00	16.53	AV	V	33.54	3.56	0.00	47.61	54.00	6.39
5350.00	28.13	PK	V	33.86	3.52	0.00	59.49	74.00	14.51
5350.00	16.28	AV	V	33.86	3.52	0.00	47.64	54.00	6.36
5650.00	28.54	PK	V	34.16	3.63	0.00	60.31	68.20	7.89
5700.00	27.65	PK	V	34.18	3.68	0.00	59.49	105.20	45.71
5720.00	27.36	PK	V	34.19	3.69	0.00	59.22	110.80	51.58
5725.00	26.68	PK	V	34.19	3.69	0.00	58.54	122.20	63.66
5850.00	28.68	PK	V	34.24	3.75	0.00	60.65	122.20	61.55
5855.00	28.32	PK	V	34.24	3.75	0.00	60.29	110.80	50.51
5875.00	27.52	PK	V	34.25	3.77	0.00	59.52	105.20	45.68
5925.00	26.56	PK	V	34.27	3.80	0.00	58.61	68.20	9.59
10420.00	47.79	PK	V	38.18	6.33	36.86	49.42	74.00	24.58
10420.00	33.54	AV	V	38.18	6.33	36.86	35.17	54.00	18.83
15630.00	46.26	PK	V	37.97	8.82	39.11	47.92	74.00	26.08
15630.00	32.72	AV	V	37.97	8.82	39.11	34.38	54.00	19.62
11550.00	47.82	PK	V	39.00	6.61	37.42	49.99	74.00	24.01
11550.00	33.78	AV	V	39.00	6.61	37.42	35.95	54.00	18.05
17325.00	46.84	PK	V	42.09	8.80	38.54	53.17	74.00	20.83
17325.00	32.64	AV	V	42.09	8.80	38.54	38.97	54.00	15.03
8468.00	45.86	PK	V	37.36	5.14	37.09	45.25	74.00	28.75
8468.00	32.57	AV	V	37.36	5.14	37.09	31.96	54.00	22.04

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
5290+5690MHz: Chain 1+chain 3									
5290.00	55.54	PK	H	33.76	3.43	0.00	86.71	N/A	N/A
5290.00	45.07	AV	H	33.76	3.43	0.00	76.24	N/A	N/A
5290.00	63.34	PK	V	33.76	3.43	0.00	94.51	N/A	N/A
5290.00	53.17	AV	V	33.76	3.43	0.00	84.34	N/A	N/A
5690.00	55.35	PK	H	34.18	3.67	0.00	87.18	N/A	N/A
5690.00	44.94	AV	H	34.18	3.67	0.00	76.77	N/A	N/A
5690.00	63.23	PK	V	34.18	3.67	0.00	95.06	N/A	N/A
5690.00	53.05	AV	V	34.18	3.67	0.00	84.88	N/A	N/A
5150.00	28.64	PK	V	33.54	3.56	0.00	59.72	74.00	14.28
5150.00	16.58	AV	V	33.54	3.56	0.00	47.66	54.00	6.34
5350.00	28.08	PK	V	33.86	3.52	0.00	59.44	74.00	14.56
5350.00	16.48	AV	V	33.86	3.52	0.00	47.84	54.00	6.16
10580.00	47.57	PK	V	38.25	6.41	36.91	49.30	74.00	24.70
10580.00	33.28	AV	V	38.25	6.41	36.91	35.01	54.00	18.99
15870.00	46.26	PK	V	37.73	8.73	39.29	47.41	74.00	26.59
15870.00	32.92	AV	V	37.73	8.73	39.29	34.07	54.00	19.93
11380.00	47.37	PK	V	38.88	6.59	37.29	49.53	74.00	24.47
11380.00	33.23	AV	V	38.88	6.59	37.29	35.39	54.00	18.61
17070.00	46.83	PK	V	40.61	8.74	38.72	51.44	74.00	22.56
17070.00	32.55	AV	V	40.61	8.74	38.72	37.16	54.00	16.84
8435.00	45.37	PK	V	37.32	5.12	37.07	44.72	74.00	29.28
8435.00	32.43	AV	V	37.32	5.12	37.07	31.78	54.00	22.22
5290+5690MHz: Chain 0+chain 2									
5290.00	54.72	PK	H	33.76	3.43	0.00	85.89	N/A	N/A
5290.00	44.88	AV	H	33.76	3.43	0.00	76.05	N/A	N/A
5290.00	62.29	PK	V	33.76	3.43	0.00	93.46	N/A	N/A
5290.00	52.37	AV	V	33.76	3.43	0.00	83.54	N/A	N/A
5690.00	53.31	PK	H	34.18	3.67	0.00	85.14	N/A	N/A
5690.00	43.07	AV	H	34.18	3.67	0.00	74.90	N/A	N/A
5690.00	61.42	PK	V	34.18	3.67	0.00	93.25	N/A	N/A
5690.00	51.12	AV	V	34.18	3.67	0.00	82.95	N/A	N/A
5150.00	28.84	PK	V	33.54	3.56	0.00	59.92	74.00	14.08
5150.00	16.76	AV	V	33.54	3.56	0.00	47.84	54.00	6.16
5350.00	27.92	PK	V	33.86	3.52	0.00	59.28	74.00	14.72
5350.00	16.34	AV	V	33.86	3.52	0.00	47.70	54.00	6.30
10580.00	47.89	PK	V	38.25	6.41	36.91	49.62	74.00	24.38
10580.00	33.65	AV	V	38.25	6.41	36.91	35.38	54.00	18.62
15870.00	46.25	PK	V	37.73	8.73	39.29	47.40	74.00	26.60
15870.00	32.86	AV	V	37.73	8.73	39.29	34.01	54.00	19.99
11380.00	47.75	PK	V	38.88	6.59	37.29	49.91	74.00	24.09
11380.00	33.69	AV	V	38.88	6.59	37.29	35.85	54.00	18.15
17070.00	46.75	PK	V	40.61	8.74	38.72	51.36	74.00	22.64
17070.00	32.43	AV	V	40.61	8.74	38.72	37.04	54.00	16.96
8468.00	45.62	PK	V	37.36	5.14	37.09	45.01	74.00	28.99
8468.00	33.18	AV	V	37.36	5.14	37.09	32.57	54.00	21.43

**Radio 1, Beamforming, MHz AC80+80 Mode:**

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
5210+5290MHz: Chain 1+chain 3									
5250.00	55.07	PK	H	33.70	3.51	0.00	86.26	N/A	N/A
5250.00	45.24	AV	H	33.70	3.51	0.00	76.43	N/A	N/A
5250.00	63.54	PK	V	33.70	3.51	0.00	94.73	N/A	N/A
5250.00	53.27	AV	V	33.70	3.51	0.00	84.46	N/A	N/A
5150.00	28.76	PK	V	33.54	3.56	0.00	59.84	74.00	14.16
5150.00	18.25	AV	V	33.54	3.56	0.00	49.33	54.00	4.67
5350.00	28.47	PK	V	33.86	3.52	0.00	59.83	74.00	14.17
5350.00	17.72	AV	V	33.86	3.52	0.00	49.08	54.00	4.92
10500.00	47.52	PK	V	38.20	6.38	36.88	49.20	74.00	24.80
10500.00	33.52	AV	V	38.20	6.38	36.88	35.20	54.00	18.80
15750.00	45.85	PK	V	37.85	8.78	39.20	47.26	74.00	26.74
15750.00	33.64	AV	V	37.85	8.78	39.20	35.05	54.00	18.95
8435.00	45.53	PK	V	37.32	5.12	37.07	44.88	74.00	29.12
8435.00	32.45	AV	V	37.32	5.12	37.07	31.80	54.00	22.20
5210+5290MHz: Chain 0+chain 2									
5250.00	52.99	PK	H	33.70	3.51	0.00	84.18	N/A	N/A
5250.00	43.12	AV	H	33.70	3.51	0.00	74.31	N/A	N/A
5250.00	61.59	PK	V	33.70	3.51	0.00	92.78	N/A	N/A
5250.00	51.36	AV	V	33.70	3.51	0.00	82.55	N/A	N/A
5150.00	28.66	PK	V	33.54	3.56	0.00	59.74	74.00	14.26
5150.00	18.46	AV	V	33.54	3.56	0.00	49.54	54.00	4.46
5350.00	28.23	PK	V	33.86	3.52	0.00	59.59	74.00	14.41
5350.00	17.74	AV	V	33.86	3.52	0.00	49.10	54.00	4.90
10500.00	47.59	PK	V	38.20	6.38	36.88	49.27	74.00	24.73
10500.00	33.15	AV	V	38.20	6.38	36.88	34.83	54.00	19.17
15750.00	46.21	PK	V	37.85	8.78	39.20	47.62	74.00	26.38
15750.00	33.71	AV	V	37.85	8.78	39.20	35.12	54.00	18.88
8468.00	45.45	PK	V	37.36	5.14	37.09	44.84	74.00	29.16
8468.00	32.59	AV	V	37.36	5.14	37.09	31.98	54.00	22.02

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
5530+5610MHz: Chain 1+chain 3									
5570.00	55.19	PK	H	34.13	3.56	0.00	86.86	N/A	N/A
5570.00	45.01	AV	H	34.13	3.56	0.00	76.68	N/A	N/A
5570.00	63.36	PK	V	34.13	3.56	0.00	95.03	N/A	N/A
5570.00	53.24	AV	V	34.13	3.56	0.00	84.91	N/A	N/A
5470.00	29.16	PK	V	34.05	3.56	0.00	60.75	74.00	13.25
5470.00	18.69	AV	V	34.05	3.56	0.00	50.28	54.00	3.72
5725.00	28.77	PK	V	34.19	3.69	0.00	60.63	74.00	13.37
5725.00	17.68	AV	V	34.19	3.69	0.00	49.54	54.00	4.46
11140.00	47.53	PK	V	38.64	6.58	37.14	49.59	74.00	24.41
11140.00	33.31	AV	V	38.64	6.58	37.14	35.37	54.00	18.63
16710.00	46.03	PK	V	39.04	8.67	39.08	48.64	74.00	25.36
16710.00	32.35	AV	V	39.04	8.67	39.08	34.96	54.00	19.04
8435.00	45.57	PK	V	37.32	5.12	37.07	44.92	74.00	29.08
8435.00	32.36	AV	V	37.32	5.12	37.07	31.71	54.00	22.29
5530+5610MHz: Chain 0+chain 2									
5570.00	53.02	PK	H	34.13	3.56	0.00	84.69	N/A	N/A
5570.00	43.18	AV	H	34.13	3.56	0.00	74.85	N/A	N/A
5570.00	61.98	PK	V	34.13	3.56	0.00	93.65	N/A	N/A
5570.00	51.41	AV	V	34.13	3.56	0.00	83.08	N/A	N/A
5470.00	28.85	PK	V	34.05	3.56	0.00	60.44	74.00	13.56
5470.00	18.17	AV	V	34.05	3.56	0.00	49.76	54.00	4.24
5725.00	28.67	PK	V	34.19	3.69	0.00	60.53	74.00	13.47
5725.00	17.52	AV	V	34.19	3.69	0.00	49.38	54.00	4.62
11140.00	48.03	PK	V	38.64	6.58	37.14	50.09	74.00	23.91
11140.00	33.56	AV	V	38.64	6.58	37.14	35.62	54.00	18.38
16710.00	46.26	PK	V	39.04	8.67	39.08	48.87	74.00	25.13
16710.00	33.19	AV	V	39.04	8.67	39.08	35.80	54.00	18.20
8468.00	45.56	PK	V	37.36	5.14	37.09	44.95	74.00	29.05
8468.00	32.29	AV	V	37.36	5.14	37.09	31.68	54.00	22.32



Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
5210+5775MHz: Chain 1+chain 3									
5210.00	55.38	PK	H	33.64	3.58	0.00	86.58	N/A	N/A
5210.00	45.18	AV	H	33.64	3.58	0.00	76.38	N/A	N/A
5210.00	63.31	PK	V	33.64	3.58	0.00	94.51	N/A	N/A
5210.00	53.07	AV	V	33.64	3.58	0.00	84.27	N/A	N/A
5775.00	55.55	PK	H	34.21	3.70	0.00	87.44	N/A	N/A
5775.00	45.02	AV	H	34.21	3.70	0.00	76.91	N/A	N/A
5775.00	63.24	PK	V	34.21	3.70	0.00	95.13	N/A	N/A
5775.00	53.06	AV	V	34.21	3.70	0.00	84.95	N/A	N/A
5150.00	28.61	PK	V	33.54	3.56	0.00	59.69	74.00	14.31
5150.00	16.59	AV	V	33.54	3.56	0.00	47.67	54.00	6.33
5350.00	28.13	PK	V	33.86	3.52	0.00	59.49	74.00	14.51
5350.00	16.41	AV	V	33.86	3.52	0.00	47.77	54.00	6.23
5650.00	28.56	PK	V	34.16	3.63	0.00	60.33	68.20	7.87
5700.00	27.62	PK	V	34.18	3.68	0.00	59.46	105.20	45.74
5720.00	27.35	PK	V	34.19	3.69	0.00	59.21	110.80	51.59
5725.00	26.55	PK	V	34.19	3.69	0.00	58.41	122.20	63.79
5850.00	28.85	PK	V	34.24	3.75	0.00	60.82	122.20	61.38
5855.00	28.42	PK	V	34.24	3.75	0.00	60.39	110.80	50.41
5875.00	27.54	PK	V	34.25	3.77	0.00	59.54	105.20	45.66
5925.00	26.64	PK	V	34.27	3.80	0.00	58.69	68.20	9.51
10420.00	47.65	PK	V	38.18	6.33	36.86	49.28	74.00	24.72
10420.00	33.63	AV	V	38.18	6.33	36.86	35.26	54.00	18.74
15630.00	46.43	PK	V	37.97	8.82	39.11	48.09	74.00	25.91
15630.00	32.92	AV	V	37.97	8.82	39.11	34.58	54.00	19.42
11550.00	47.46	PK	V	39.00	6.61	37.42	49.63	74.00	24.37
11550.00	33.48	AV	V	39.00	6.61	37.42	35.65	54.00	18.35
17325.00	46.82	PK	V	42.09	8.80	38.54	53.15	74.00	20.85
17325.00	32.71	AV	V	42.09	8.80	38.54	39.04	54.00	14.96
8435.00	45.56	PK	V	37.32	5.12	37.07	44.91	74.00	29.09
8435.00	32.44	AV	V	37.32	5.12	37.07	31.79	54.00	22.21

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)
	Reading (dB $\mu$ V)	Detector	Polar (H/V)	Factor (dB)					
5210+5775MHz: Chain 0+chain 2									
5210.00	54.37	PK	H	33.64	3.58	0.00	85.57	N/A	N/A
5210.00	44.13	AV	H	33.64	3.58	0.00	75.33	N/A	N/A
5210.00	62.23	PK	V	33.64	3.58	0.00	93.43	N/A	N/A
5210.00	52.01	AV	V	33.64	3.58	0.00	83.21	N/A	N/A
5775.00	53.53	PK	H	34.21	3.70	0.00	85.42	N/A	N/A
5775.00	43.14	AV	H	34.21	3.70	0.00	75.03	N/A	N/A
5775.00	61.44	PK	V	34.21	3.70	0.00	93.33	N/A	N/A
5775.00	51.23	AV	V	34.21	3.70	0.00	83.12	N/A	N/A
5150.00	28.54	PK	V	33.54	3.56	0.00	59.62	74.00	14.38
5150.00	16.43	AV	V	33.54	3.56	0.00	47.51	54.00	6.49
5350.00	28.07	PK	V	33.86	3.52	0.00	59.43	74.00	14.57
5350.00	16.36	AV	V	33.86	3.52	0.00	47.72	54.00	6.28
5650.00	28.64	PK	V	34.16	3.63	0.00	60.41	68.20	7.79
5700.00	27.66	PK	V	34.18	3.68	0.00	59.50	105.20	45.70
5720.00	27.26	PK	V	34.19	3.69	0.00	59.12	110.80	51.68
5725.00	26.67	PK	V	34.19	3.69	0.00	58.53	122.20	63.67
5850.00	28.68	PK	V	34.24	3.75	0.00	60.65	122.20	61.55
5855.00	28.39	PK	V	34.24	3.75	0.00	60.36	110.80	50.44
5875.00	27.58	PK	V	34.25	3.77	0.00	59.58	105.20	45.62
5925.00	26.62	PK	V	34.27	3.80	0.00	58.67	68.20	9.53
10420.00	47.75	PK	V	38.18	6.33	36.86	49.38	74.00	24.62
10420.00	33.55	AV	V	38.18	6.33	36.86	35.18	54.00	18.82
15630.00	46.17	PK	V	37.97	8.82	39.11	47.83	74.00	26.17
15630.00	32.66	AV	V	37.97	8.82	39.11	34.32	54.00	19.68
11550.00	47.73	PK	V	39.00	6.61	37.42	49.90	74.00	24.10
11550.00	33.82	AV	V	39.00	6.61	37.42	35.99	54.00	18.01
17325.00	46.81	PK	V	42.09	8.80	38.54	53.14	74.00	20.86
17325.00	32.67	AV	V	42.09	8.80	38.54	39.00	54.00	15.00
8468.00	45.88	PK	V	37.36	5.14	37.09	45.27	74.00	28.73
8468.00	32.49	AV	V	37.36	5.14	37.09	31.88	54.00	22.12

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
5290+5690MHz: Chain 1+chain 3									
5290.00	55.49	PK	H	33.76	3.43	0.00	86.66	N/A	N/A
5290.00	44.92	AV	H	33.76	3.43	0.00	76.09	N/A	N/A
5290.00	63.37	PK	V	33.76	3.43	0.00	94.54	N/A	N/A
5290.00	53.34	AV	V	33.76	3.43	0.00	84.51	N/A	N/A
5690.00	55.17	PK	H	34.18	3.67	0.00	87.00	N/A	N/A
5690.00	44.75	AV	H	34.18	3.67	0.00	76.58	N/A	N/A
5690.00	63.29	PK	V	34.18	3.67	0.00	95.12	N/A	N/A
5690.00	52.98	AV	V	34.18	3.67	0.00	84.81	N/A	N/A
5150.00	28.82	PK	V	33.54	3.56	0.00	59.90	74.00	14.10
5150.00	16.69	AV	V	33.54	3.56	0.00	47.77	54.00	6.23
5350.00	28.15	PK	V	33.86	3.52	0.00	59.51	74.00	14.49
5350.00	16.57	AV	V	33.86	3.52	0.00	47.93	54.00	6.07
10580.00	47.56	PK	V	38.25	6.41	36.91	49.29	74.00	24.71
10580.00	33.22	AV	V	38.25	6.41	36.91	34.95	54.00	19.05
15870.00	46.44	PK	V	37.73	8.73	39.29	47.59	74.00	26.41
15870.00	33.04	AV	V	37.73	8.73	39.29	34.19	54.00	19.81
11380.00	47.21	PK	V	38.88	6.59	37.29	49.37	74.00	24.63
11380.00	33.35	AV	V	38.88	6.59	37.29	35.51	54.00	18.49
17070.00	46.73	PK	V	40.61	8.74	38.72	51.34	74.00	22.66
17070.00	32.57	AV	V	40.61	8.74	38.72	37.18	54.00	16.82
8435.00	45.34	PK	V	37.32	5.12	37.07	44.69	74.00	29.31
8435.00	32.33	AV	V	37.32	5.12	37.07	31.68	54.00	22.32
5290+5690MHz: Chain 0+chain 2									
5290.00	54.78	PK	H	33.76	3.43	0.00	85.95	N/A	N/A
5290.00	44.85	AV	H	33.76	3.43	0.00	76.02	N/A	N/A
5290.00	62.31	PK	V	33.76	3.43	0.00	93.48	N/A	N/A
5290.00	52.31	AV	V	33.76	3.43	0.00	83.48	N/A	N/A
5690.00	53.42	PK	H	34.18	3.67	0.00	85.25	N/A	N/A
5690.00	43.26	AV	H	34.18	3.67	0.00	75.09	N/A	N/A
5690.00	61.45	PK	V	34.18	3.67	0.00	93.28	N/A	N/A
5690.00	50.97	AV	V	34.18	3.67	0.00	82.80	N/A	N/A
5150.00	29.02	PK	V	33.54	3.56	0.00	60.10	74.00	13.90
5150.00	16.82	AV	V	33.54	3.56	0.00	47.90	54.00	6.10
5350.00	27.87	PK	V	33.86	3.52	0.00	59.23	74.00	14.77
5350.00	16.17	AV	V	33.86	3.52	0.00	47.53	54.00	6.47
10580.00	47.75	PK	V	38.25	6.41	36.91	49.48	74.00	24.52
10580.00	33.86	AV	V	38.25	6.41	36.91	35.59	54.00	18.41
15870.00	46.16	PK	V	37.73	8.73	39.29	47.31	74.00	26.69
15870.00	32.71	AV	V	37.73	8.73	39.29	33.86	54.00	20.14
11380.00	47.63	PK	V	38.88	6.59	37.29	49.79	74.00	24.21
11380.00	33.76	AV	V	38.88	6.59	37.29	35.92	54.00	18.08
17070.00	46.55	PK	V	40.61	8.74	38.72	51.16	74.00	22.84
17070.00	32.28	AV	V	40.61	8.74	38.72	36.89	54.00	17.11
8468.00	45.76	PK	V	37.36	5.14	37.09	45.15	74.00	28.85
8468.00	33.29	AV	V	37.36	5.14	37.09	32.68	54.00	21.32

**Simultaneous Transmission(worst mode), 1-40GHz:**

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)					
BLE:2402 MHz+b mode 2437MHz 4Tx Non-beamforming mode+									
Radio 1 5785MHz a mode 4Tx Non-beamforming mode									
3116.00	49.59	PK	V	30.38	2.26	37.01	45.22	74.00	28.78
3116.00	35.26	AV	V	30.38	2.26	37.01	30.89	54.00	23.11
3587.00	48.59	PK	V	31.49	2.39	37.10	45.37	74.00	28.63
3587.00	33.15	AV	V	31.49	2.39	37.10	29.93	54.00	24.07
3748.00	49.36	PK	H	31.85	2.53	37.01	46.73	74.00	27.27
3748.00	35.78	AV	H	31.85	2.53	37.01	33.15	54.00	20.85
3452.00	48.62	PK	H	31.18	2.39	36.93	45.26	74.00	28.74
3452.00	33.46	AV	H	31.18	2.39	36.93	30.10	54.00	23.9
7311.00	45.92	PK	V	36.01	4.64	37.36	49.21	74.00	24.79
7311.00	35.53	AV	V	36.01	4.64	37.36	38.82	54.00	15.18
4874.00	47.57	PK	V	33.05	3.26	37.21	46.67	74.00	27.33
4874.00	37.11	AV	V	33.05	3.26	37.21	36.21	54.00	17.79

## **FCC §15.407(b)–OUT- OF-BAND EMISSIONS**

### **Applicable Standard**

FCC §15.407

(b) Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of  $-27$  dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(ii) Devices certified before March 2, 2017 with antenna gain greater than 10 dBi may demonstrate compliance with the emission limits in §15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease by March 2, 2018. Devices certified before March 2, 2018 with antenna gain of 10 dBi or less may demonstrate compliance with the emission limits in §15.247(d), but manufacturing, marketing and importing of devices certified under this alternative must cease before March 2, 2020.

(5) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.

### **Test Procedure**

According to KDB 789033 D02 General UNII Test Procedures New Rules v01r04

**Test Equipment List and Details**

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU 26	200256	2016-12-08	2017-12-08
Unknown	Coaxial Cable	C-SJ00-0010	C0010/04	Each Time	/

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

**Test Data****Environmental Conditions**

<b>Temperature:</b>	26.1~26.8°C
<b>Relative Humidity:</b>	51~52 %
<b>ATM Pressure:</b>	100.8~101.1 kPa

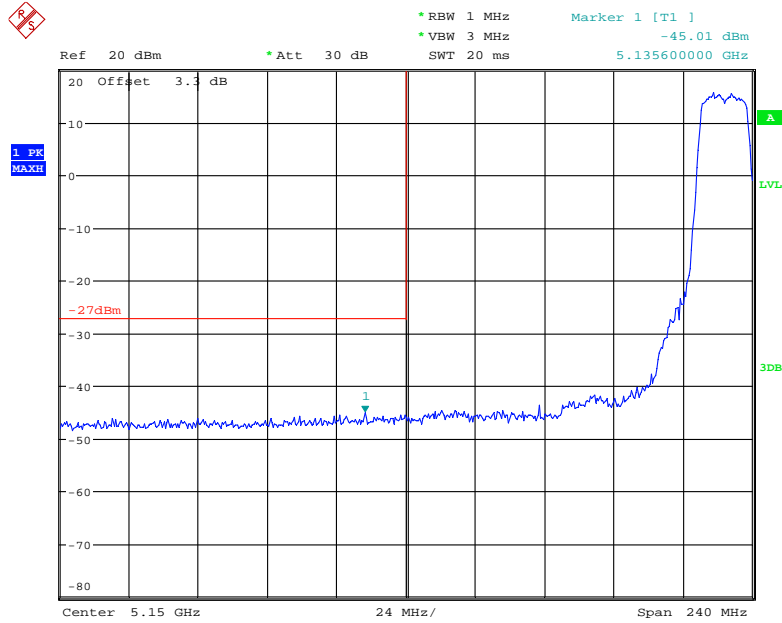
*The testing was performed by Blake Yang from 2017-10-21 to 2017-11-08.*

**Test Result:** Pass.

Radio 0

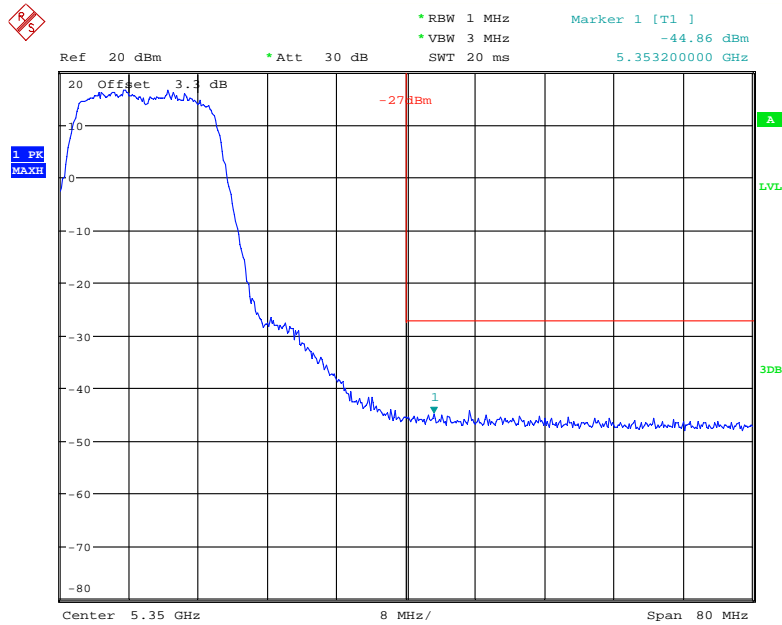
5250-5350MHz:

Chain 0, 802.11a Low Channel



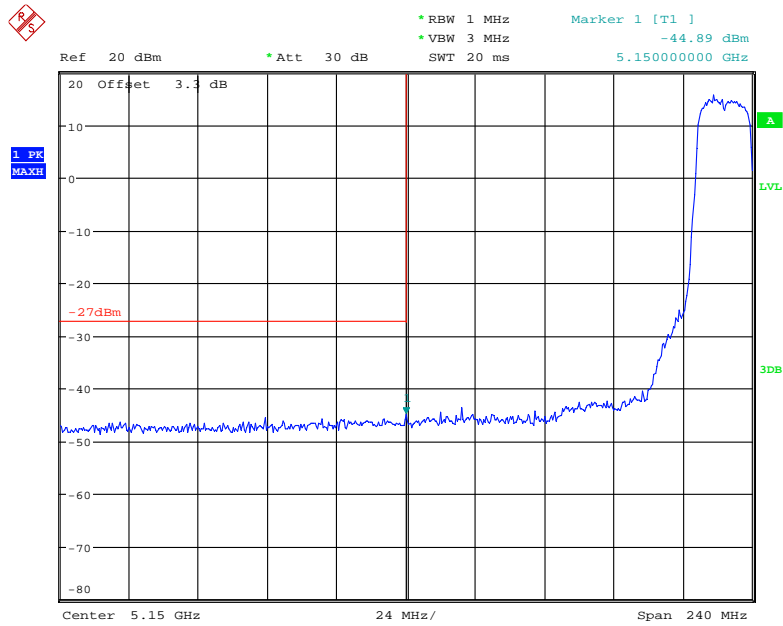
Date: 21.OCT.2017 10:17:23

Chain 0, 802.11a High Channel



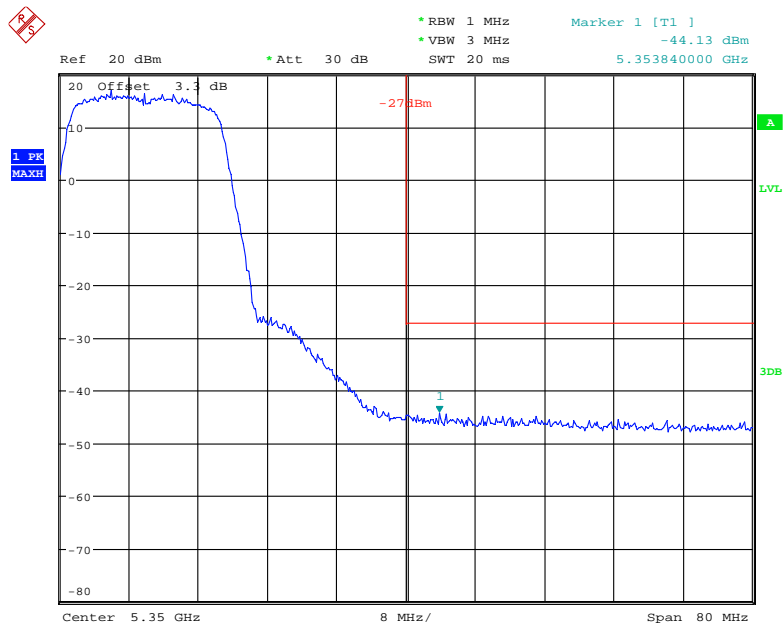
Date: 21.OCT.2017 10:24:16

### Chain 0, 802.11n ht20 Low Channel



Date: 21.OCT.2017 10:35:11

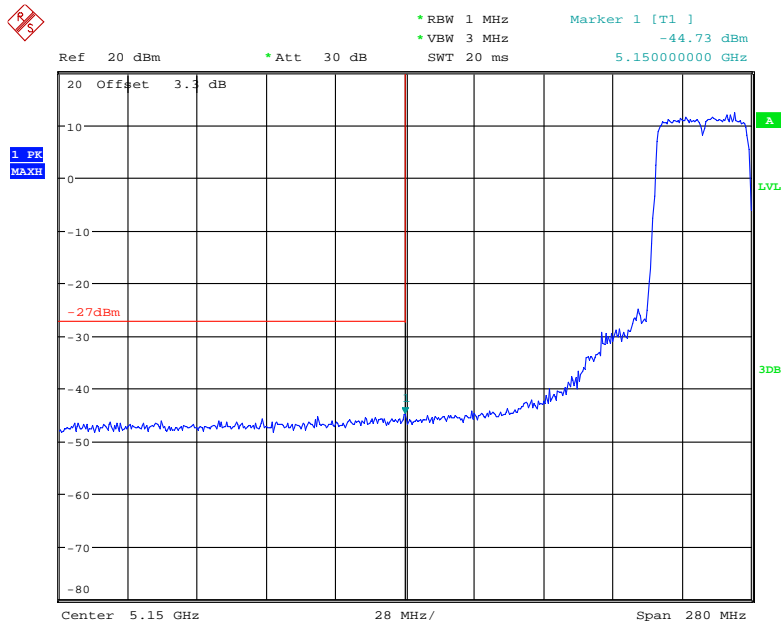
### Chain 0, 802.11n ht20 High Channel



Date: 21.OCT.2017 11:00:24

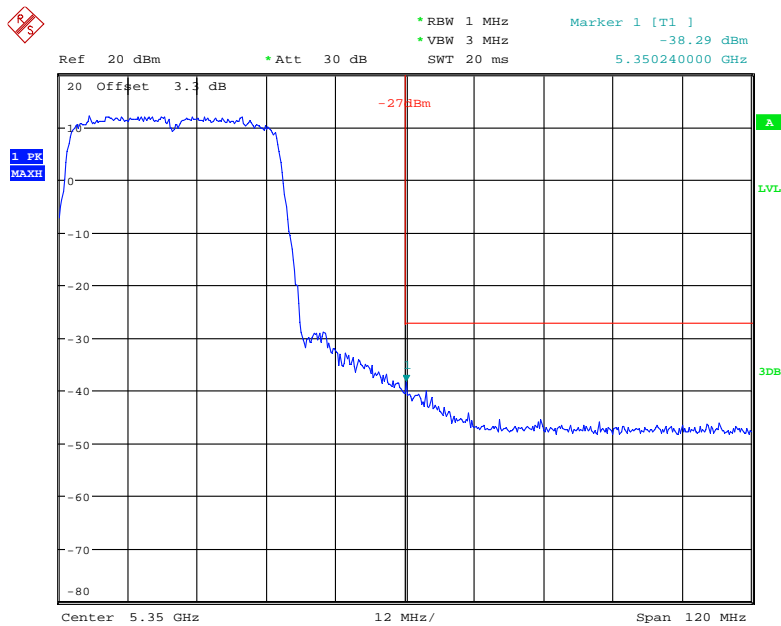


### Chain 0, 802.11n ht40 Low Channel



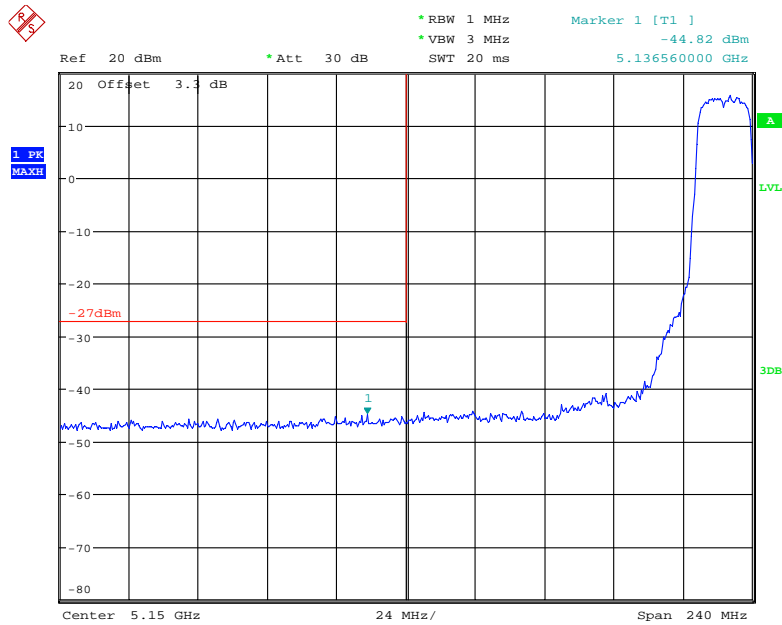
Date: 21.OCT.2017 11:33:19

### Chain 0, 802.11n ht40 High Channel



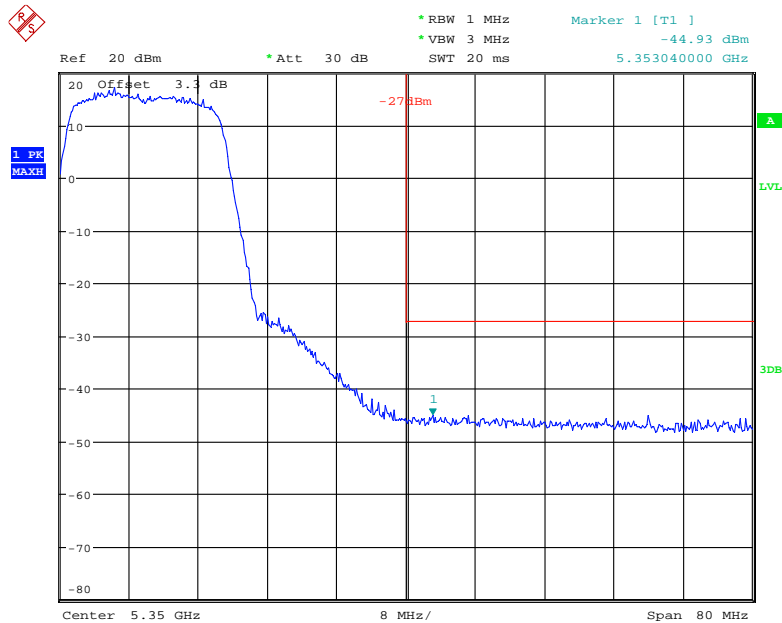
Date: 21.OCT.2017 11:35:23

### Chain 0, 802.11n ac20 Low Channel



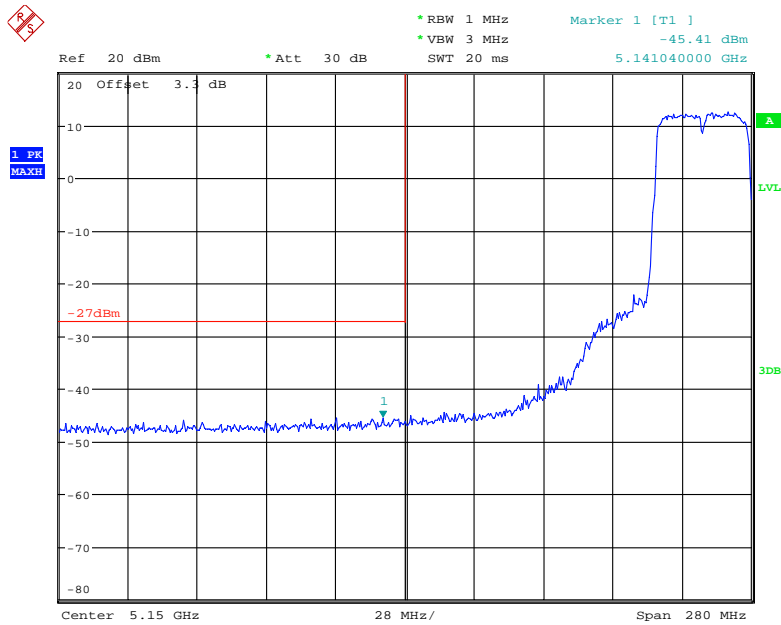
Date: 21.OCT.2017 10:50:55

### Chain 0, 802.11n ac20 High Channel



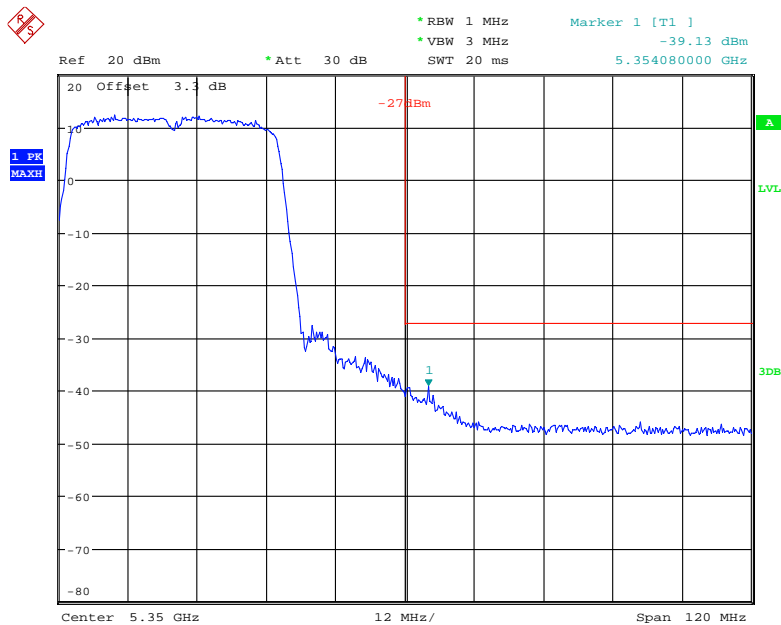
Date: 21.OCT.2017 10:53:47

### Chain 0, 802.11n ac40 Low Channel



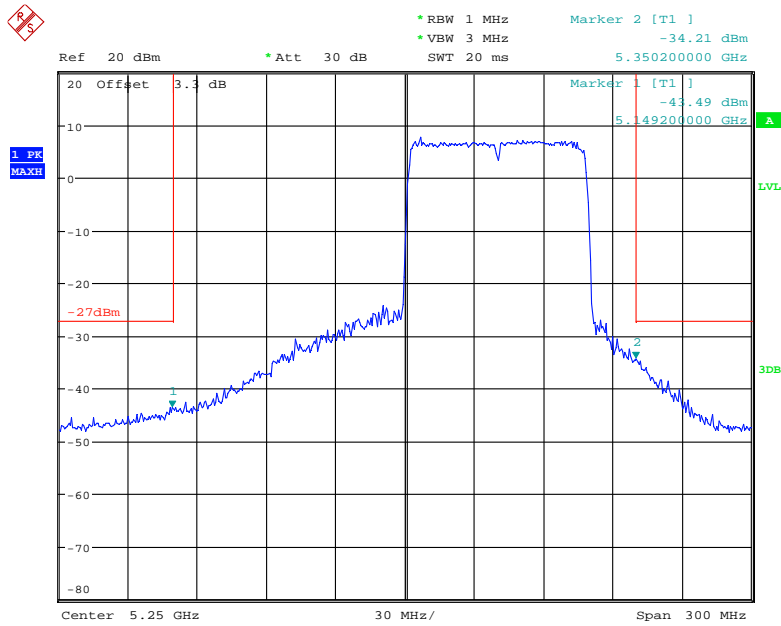
Date: 21.OCT.2017 11:11:26

### Chain 0, 802.11n ac40 High Channel



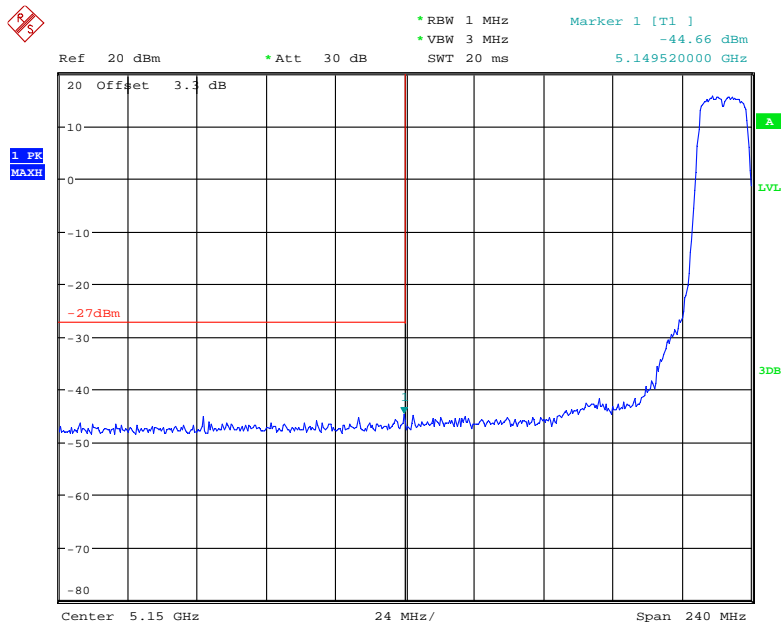
Date: 21.OCT.2017 11:37:03

### Chain 0, 802.11 ac80 Middle Channel



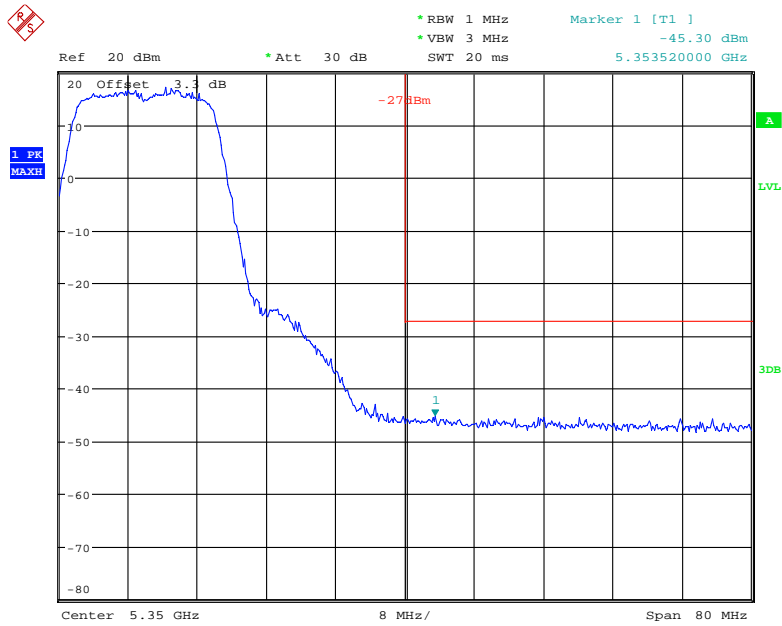
Date: 21.OCT.2017 11:27:11

### Chain 1, 802.11a Low Channel



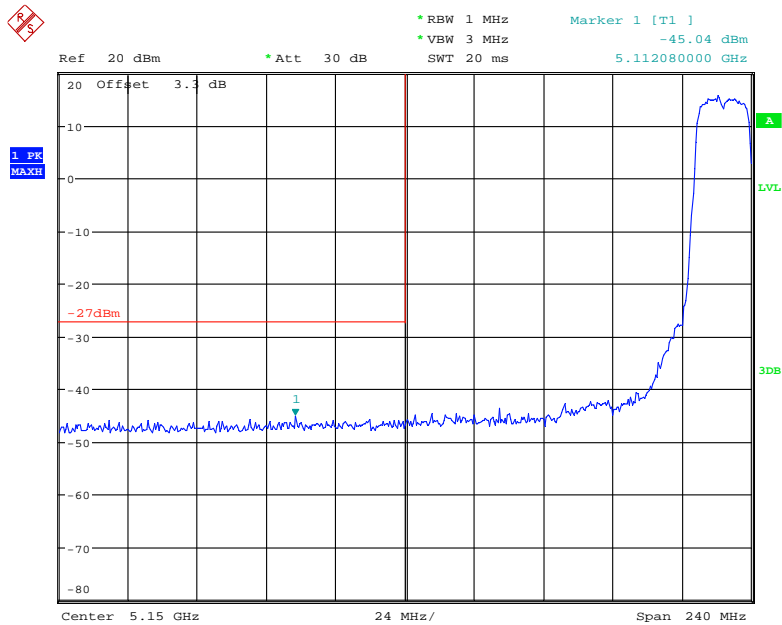
Date: 21.OCT.2017 11:52:05

### Chain 1, 802.11a High Channel



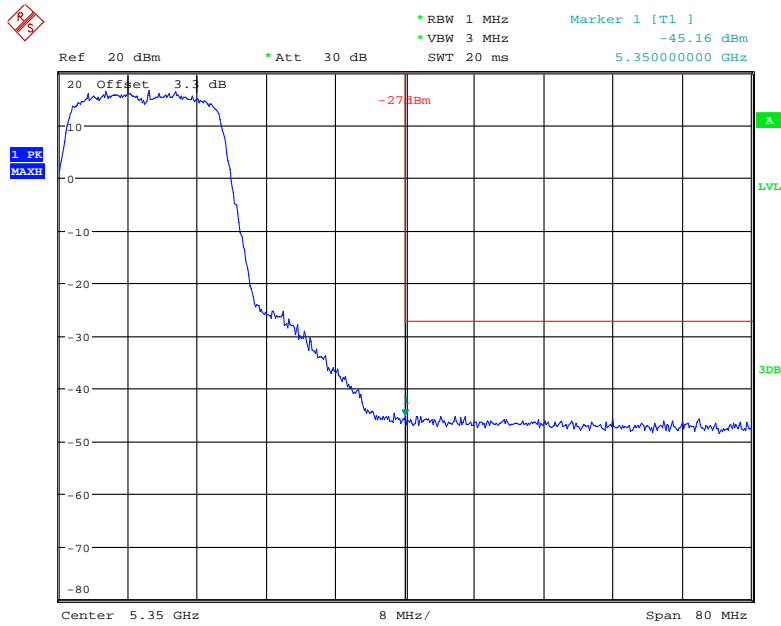
Date: 21.OCT.2017 11:55:27

### Chain 1, 802.11n ht20 Low Channel



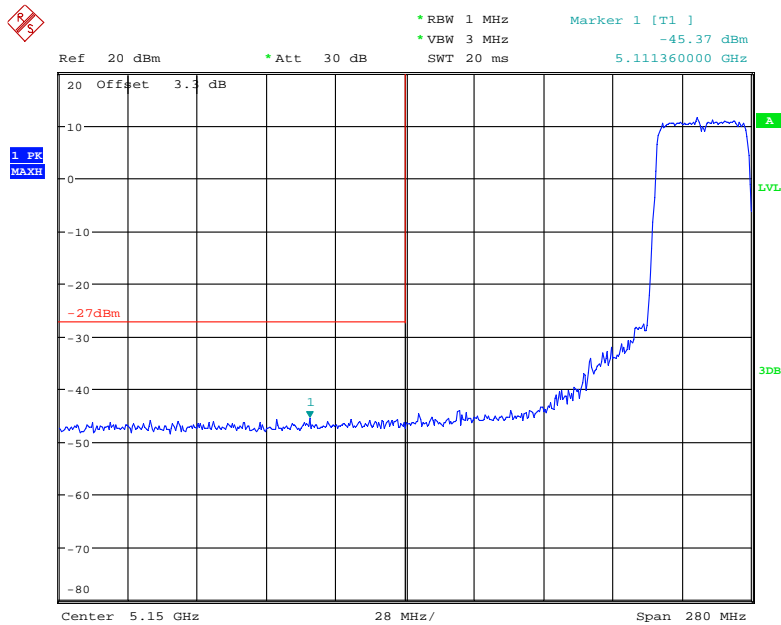
Date: 21.OCT.2017 12:02:46

### Chain 1, 802.11n ht20 High Channel



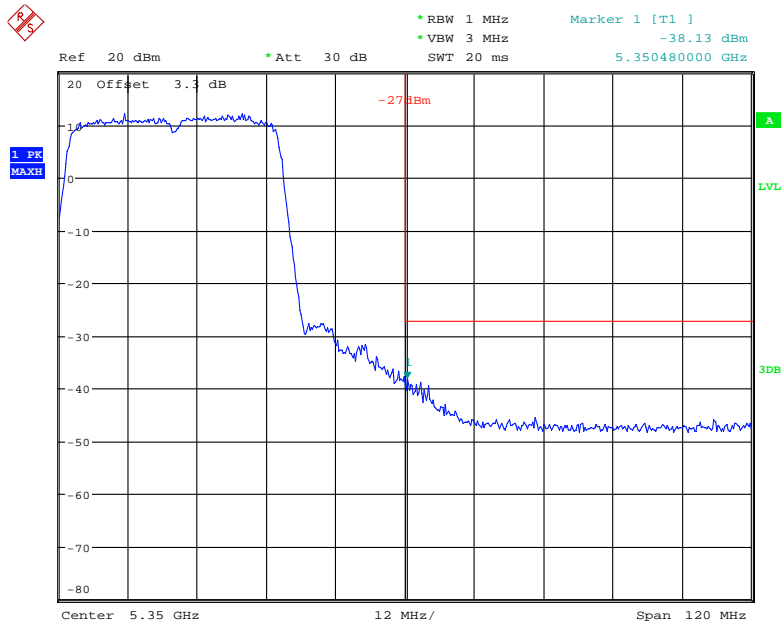
Date: 21.OCT.2017 13:52:53

### Chain 1, 802.11n ht40 Low Channel



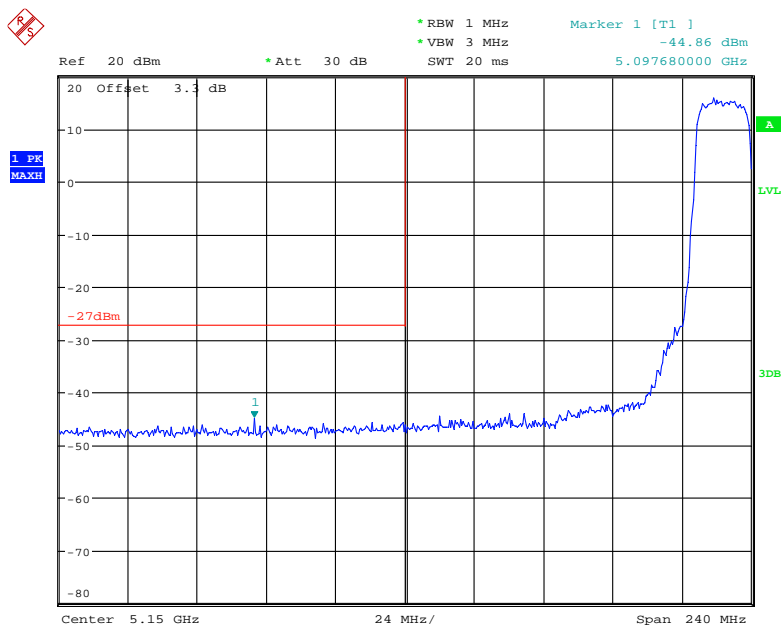
Date: 21.OCT.2017 13:31:58

### Chain 1, 802.11n ht40 High Channel



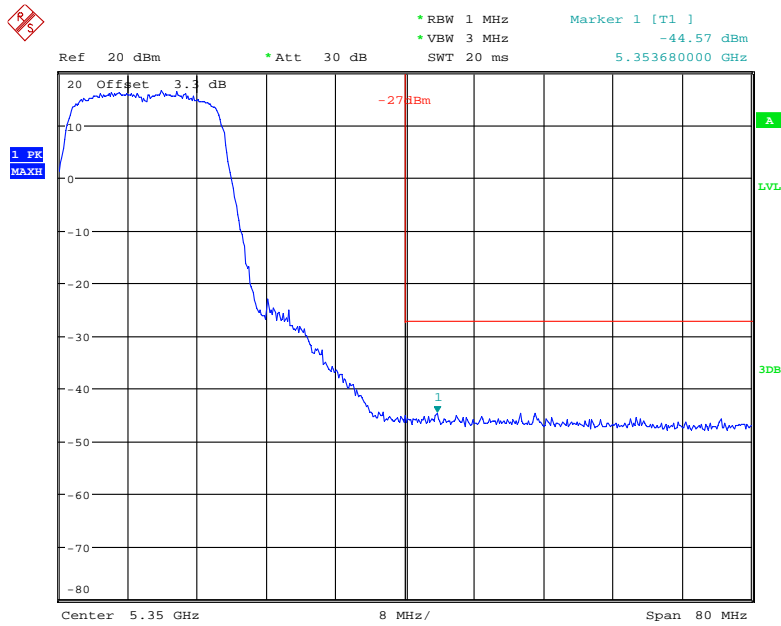
Date: 21.OCT.2017 13:33:43

### Chain 1, 802.11n ac20 Low Channel



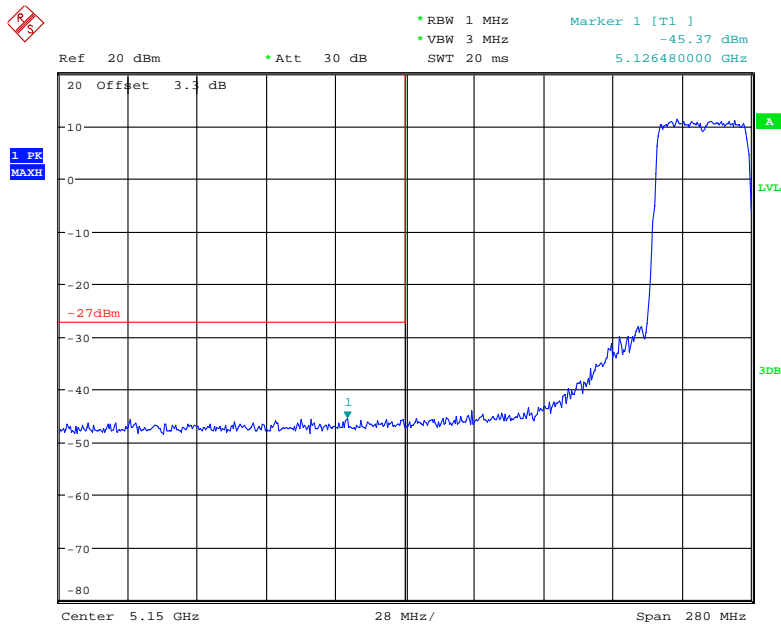
Date: 21.OCT.2017 13:21:14

### Chain 1, 802.11n ac20 High Channel



Date: 21.OCT.2017 13:18:19

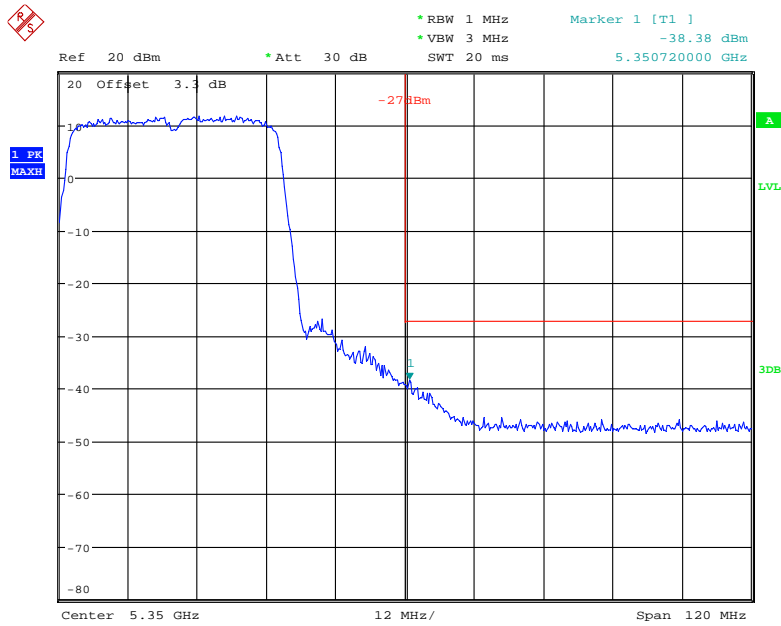
### Chain 1, 802.11n ac40 Low Channel



Date: 21.OCT.2017 13:37:05

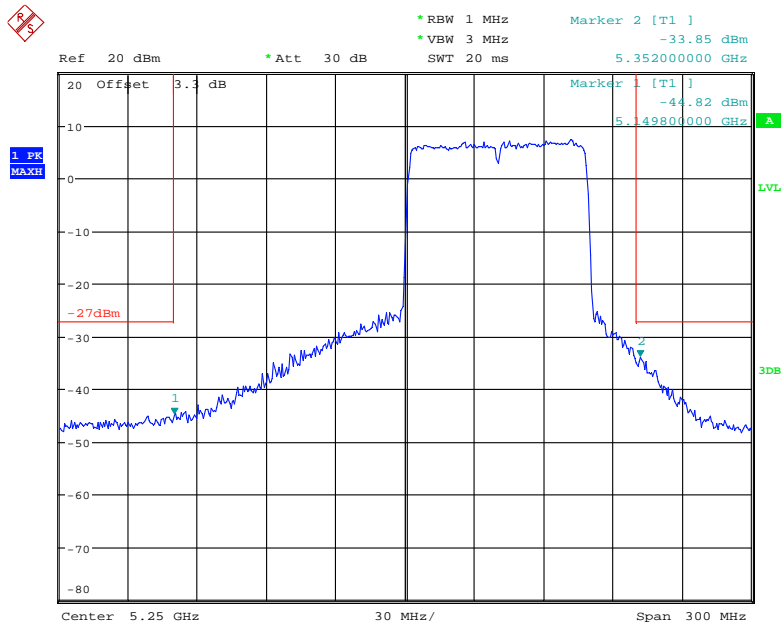


### Chain 1, 802.11n ac40 High Channel



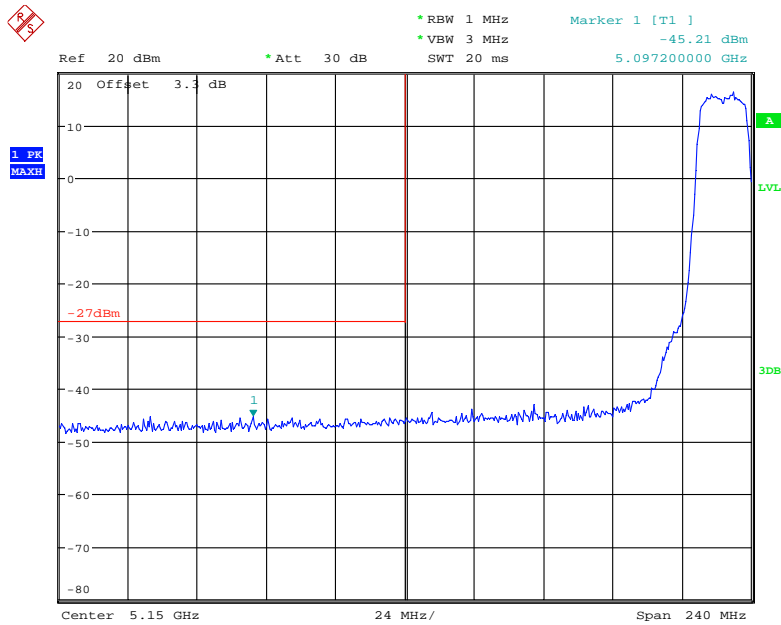
Date: 21.OCT.2017 13:35:23

### Chain 1, 802.11 ac80 Middle Channel



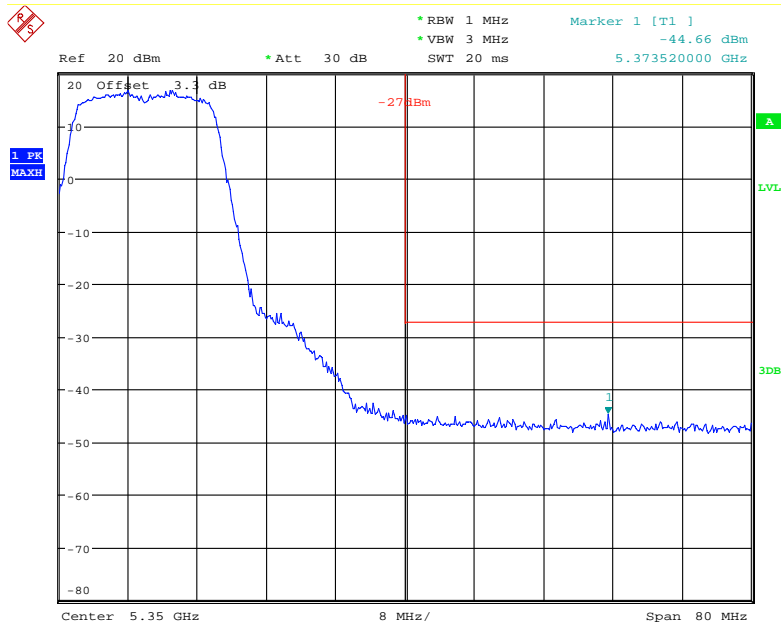
Date: 21.OCT.2017 13:46:03

### Chain 2, 802.11a Low Channel



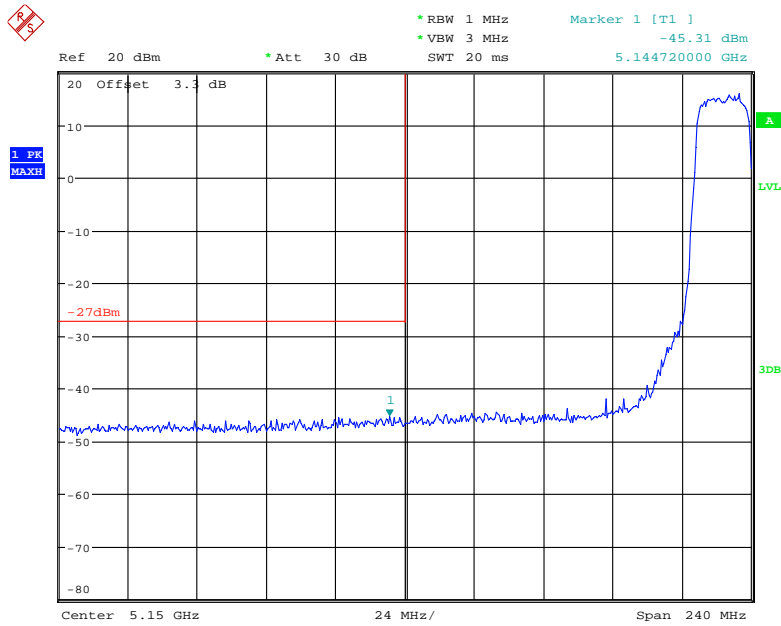
Date: 21.OCT.2017 14:06:18

### Chain 2, 802.11a High Channel



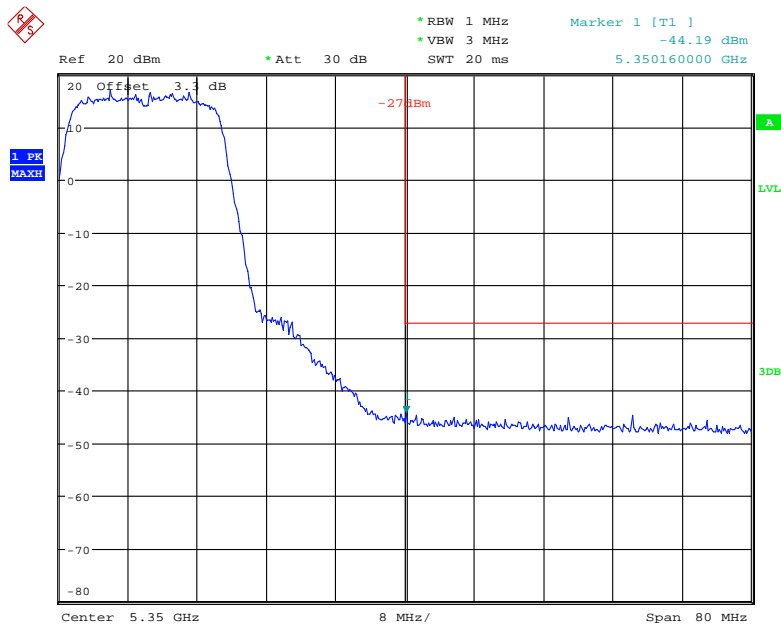
Date: 21.OCT.2017 14:10:21

### Chain 2, 802.11n ht20 Low Channel



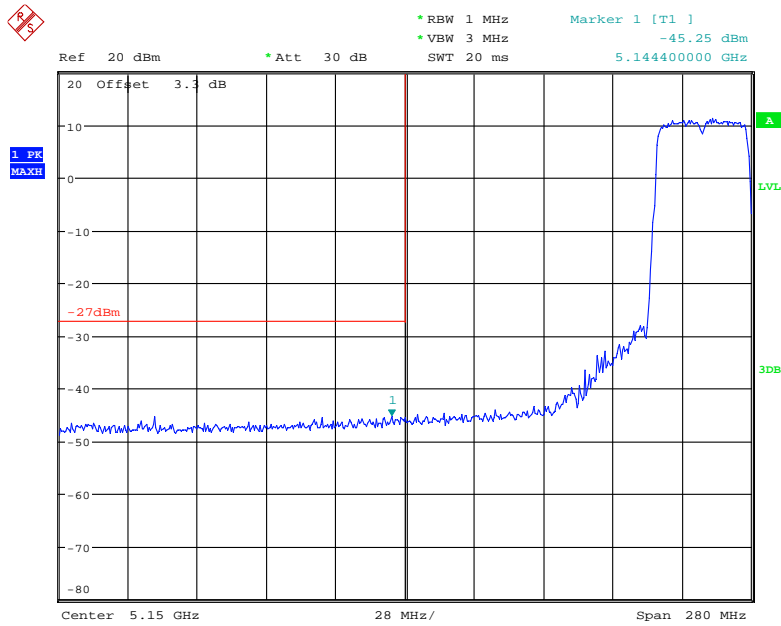
Date: 21.OCT.2017 14:17:37

### Chain 2, 802.11n ht20 High Channel



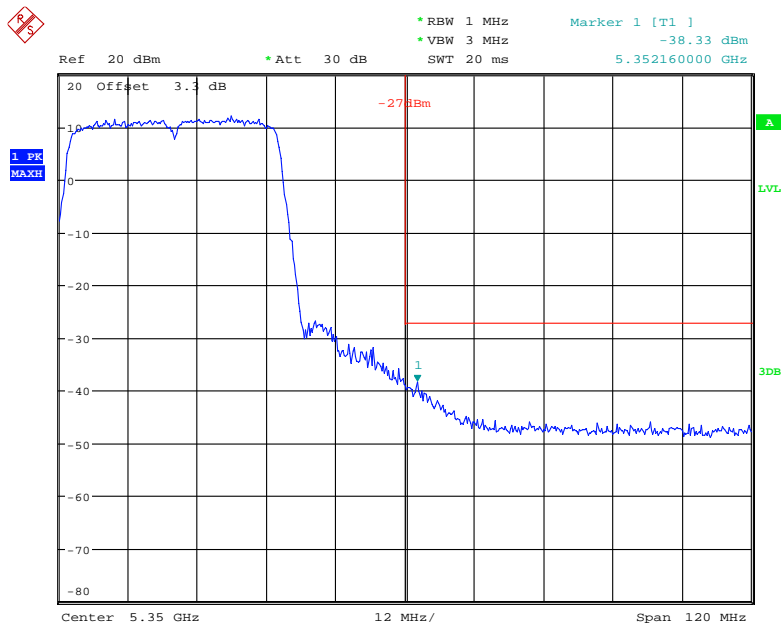
Date: 21.OCT.2017 14:20:45

### Chain 2, 802.11n ht40 Low Channel



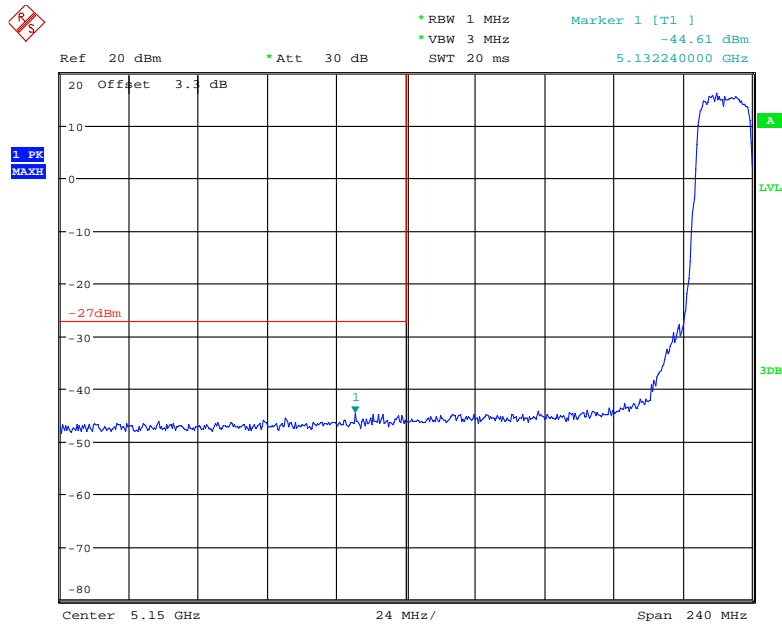
Date: 21.OCT.2017 14:40:25

### Chain 2, 802.11n ht40 High Channel



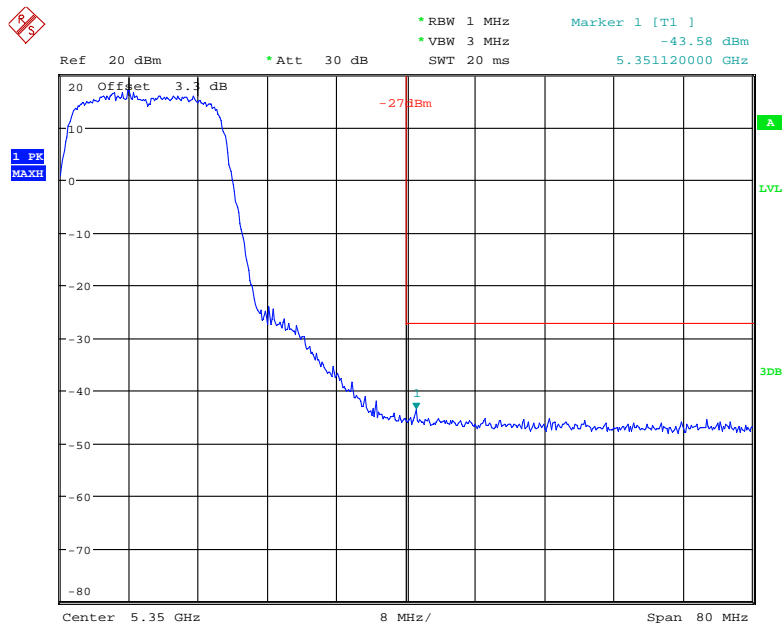
Date: 21.OCT.2017 14:35:31

### Chain 2, 802.11n ac20 Low Channel



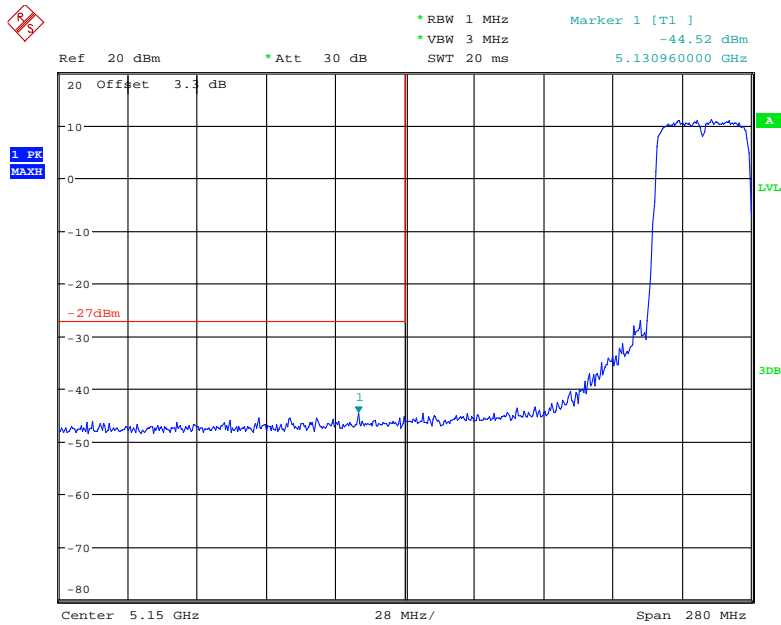
Date: 21.OCT.2017 14:25:01

### Chain 2, 802.11n ac20 High Channel



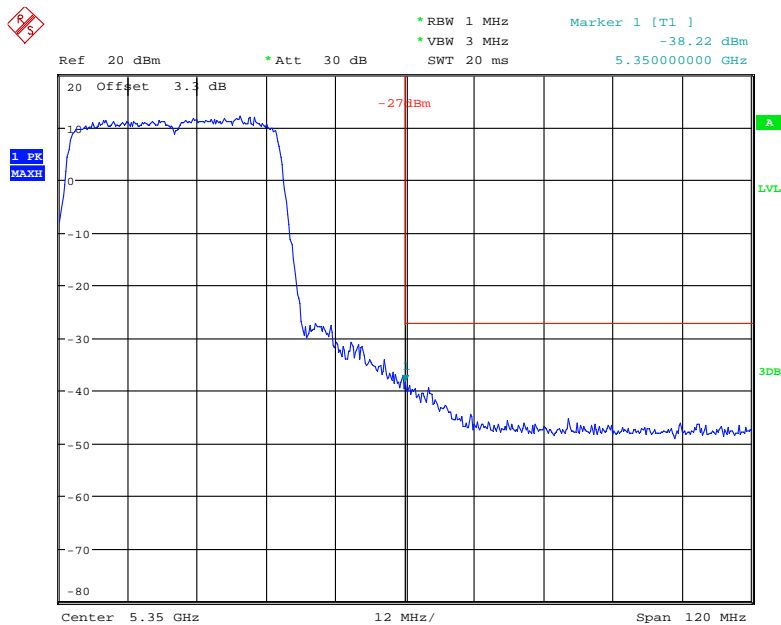
Date: 21.OCT.2017 14:22:18

### Chain 2, 802.11n ac40 Low Channel



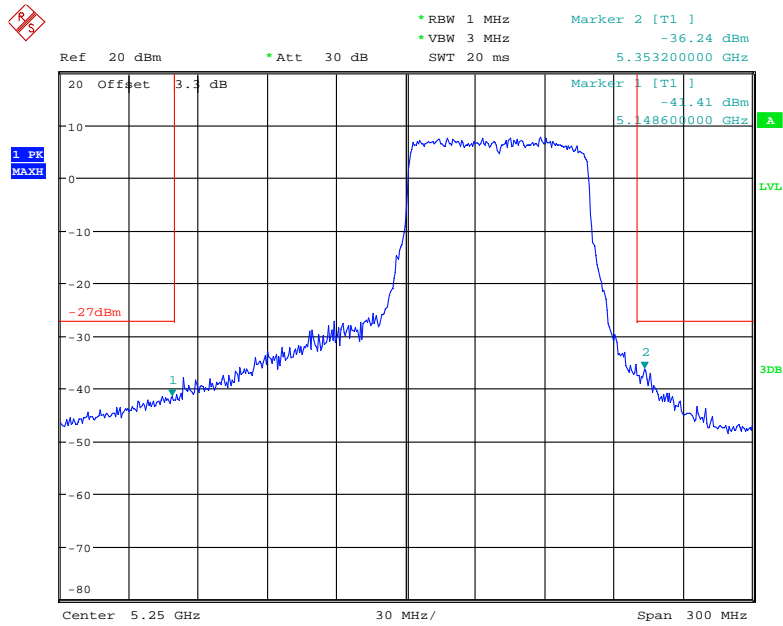
Date: 21.OCT.2017 14:42:01

### Chain 2, 802.11n ac40 High Channel



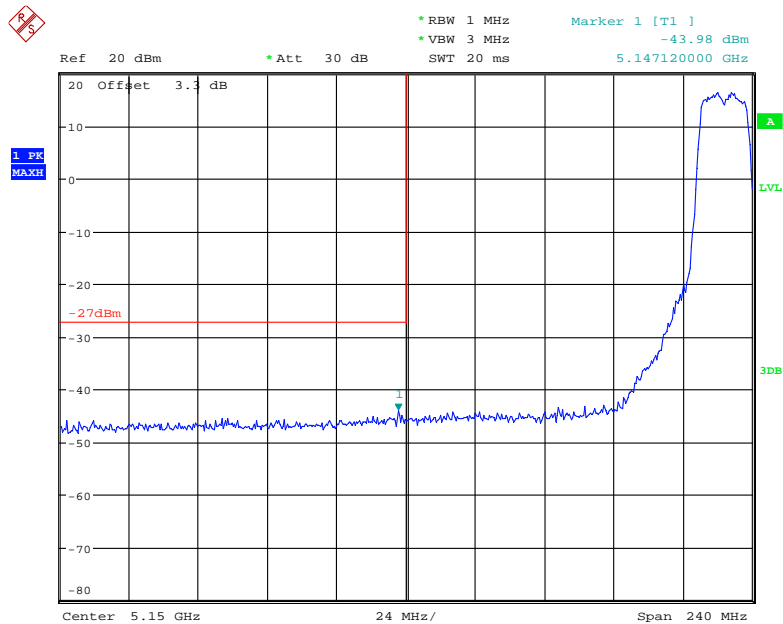
Date: 21.OCT.2017 14:43:25

### Chain 2, 802.11 ac80 Middle Channel



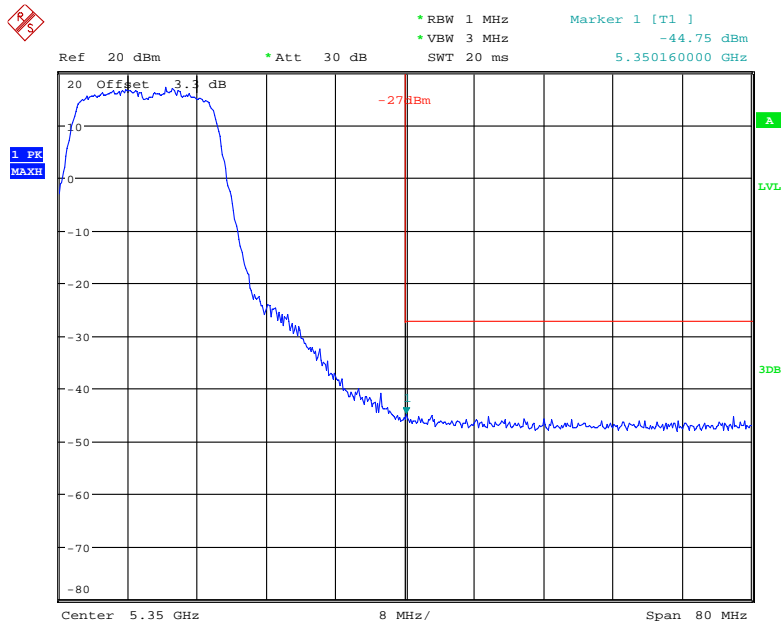
Date: 21.OCT.2017 16:46:25

### Chain 3, 802.11a Low Channel



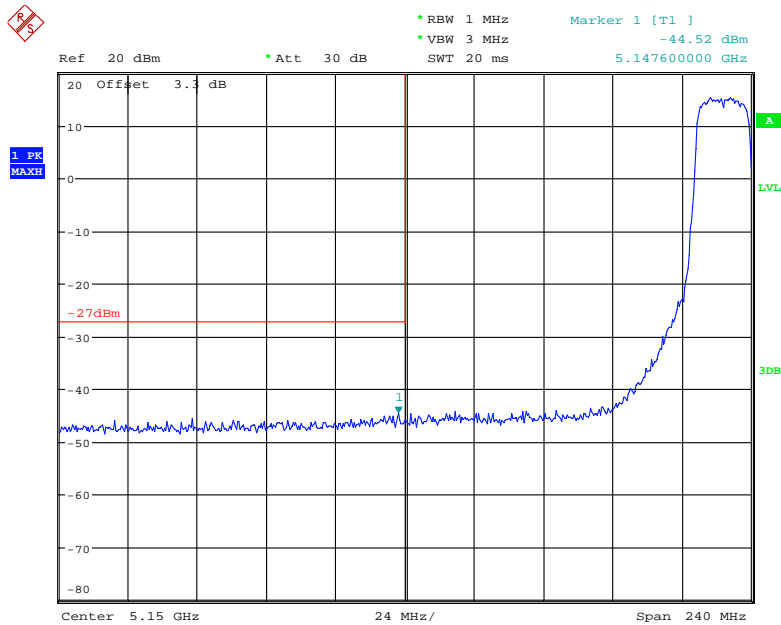
Date: 21.OCT.2017 15:02:23

### Chain 3, 802.11a High Channel



Date: 21.OCT.2017 15:07:14

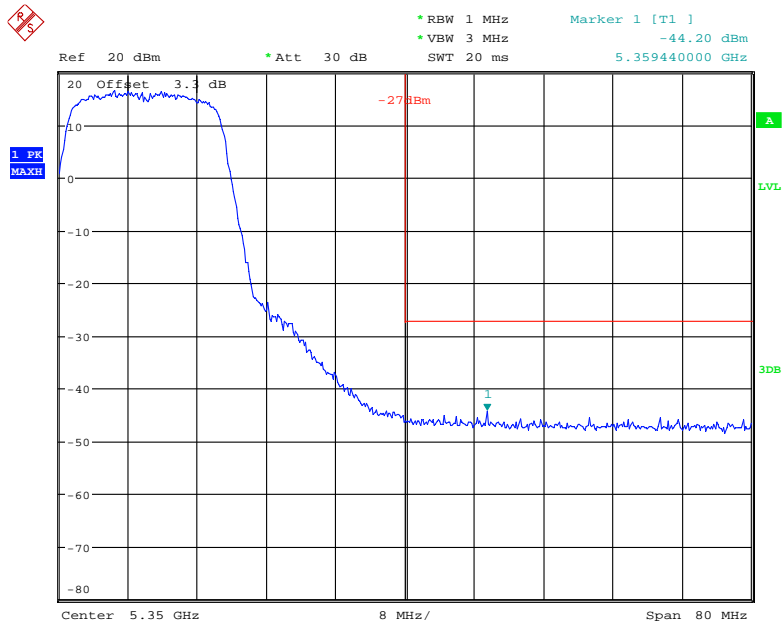
### Chain 3, 802.11n ht20 Low Channel



Date: 21.OCT.2017 15:15:40

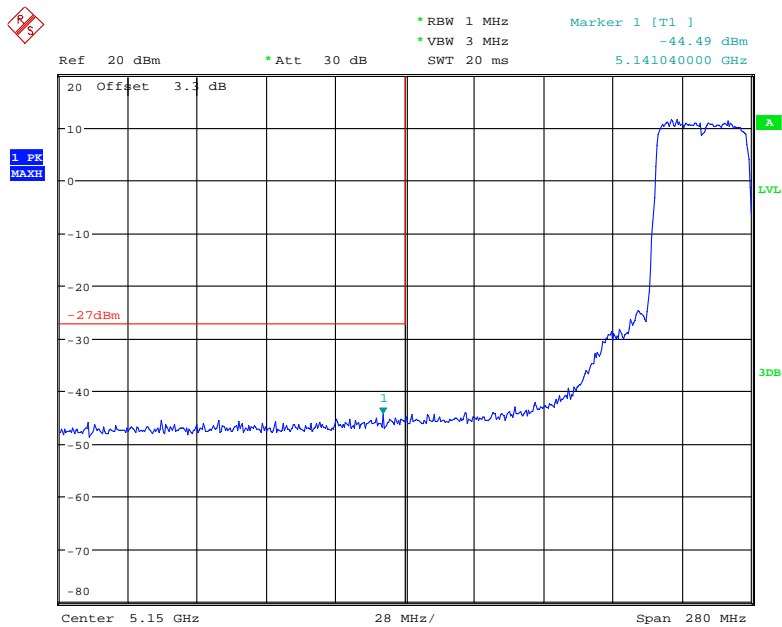


### Chain 3, 802.11n ht20 High Channel



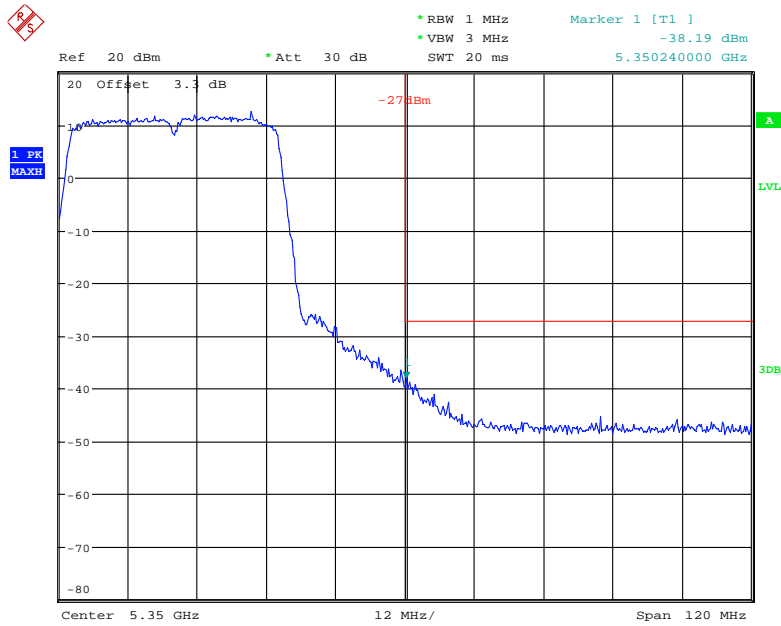
Date: 21.OCT.2017 15:20:56

### Chain 3, 802.11n ht40 Low Channel



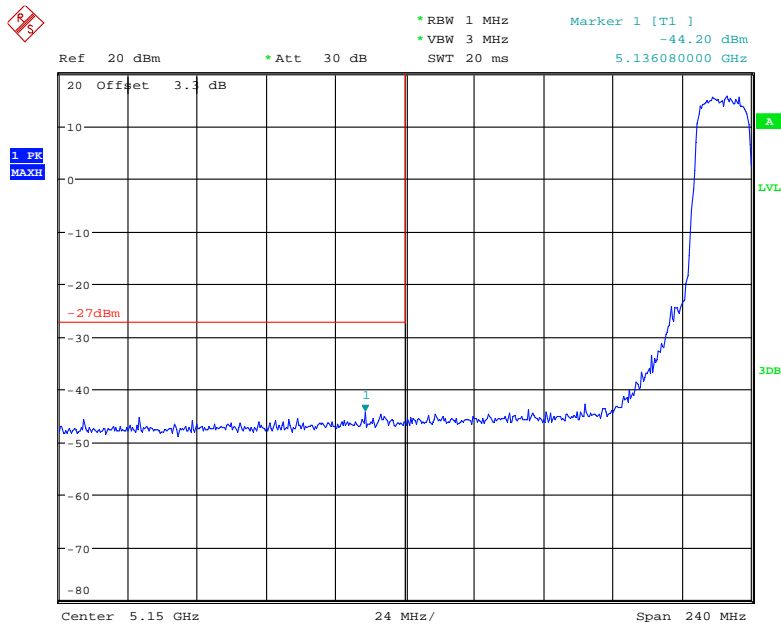
Date: 21.OCT.2017 15:36:10

### Chain 3, 802.11n ht40 High Channel



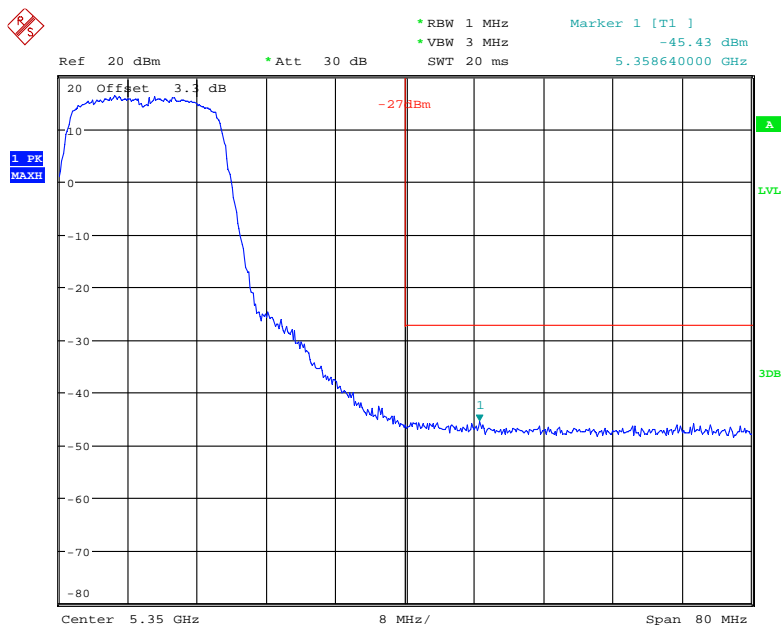
Date: 21.OCT.2017 15:37:36

### Chain 3, 802.11n ac20 Low Channel



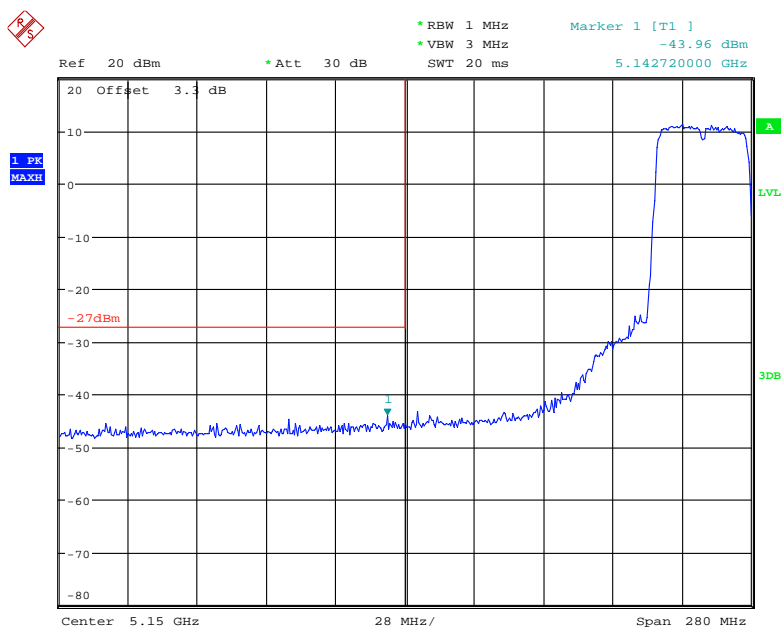
Date: 21.OCT.2017 15:25:26

### Chain 3, 802.11n ac20 High Channel



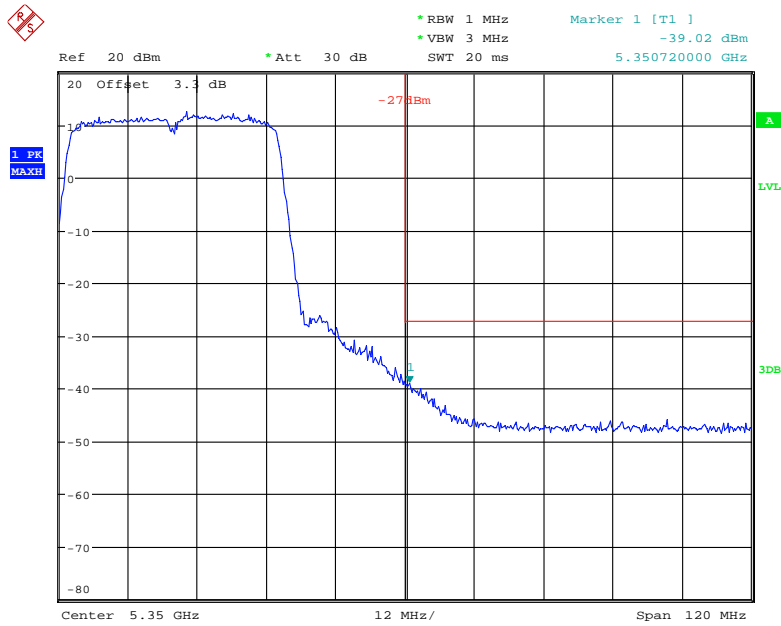
Date: 21.OCT.2017 15:22:37

### Chain 3, 802.11n ac40 Low Channel



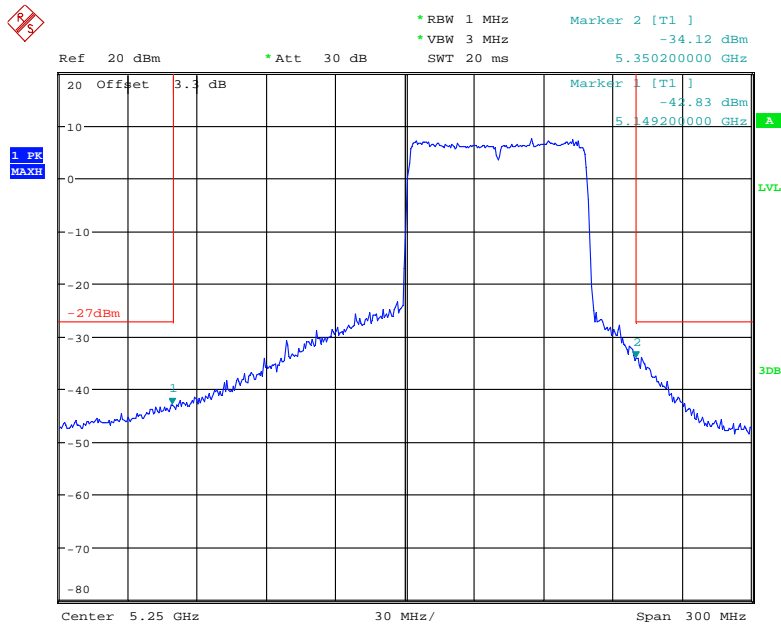
Date: 21.OCT.2017 15:40:44

### Chain 3, 802.11n ac40 High Channel



Date: 21.OCT.2017 15:39:13

### Chain 3, 802.11 ac80 Middle Channel

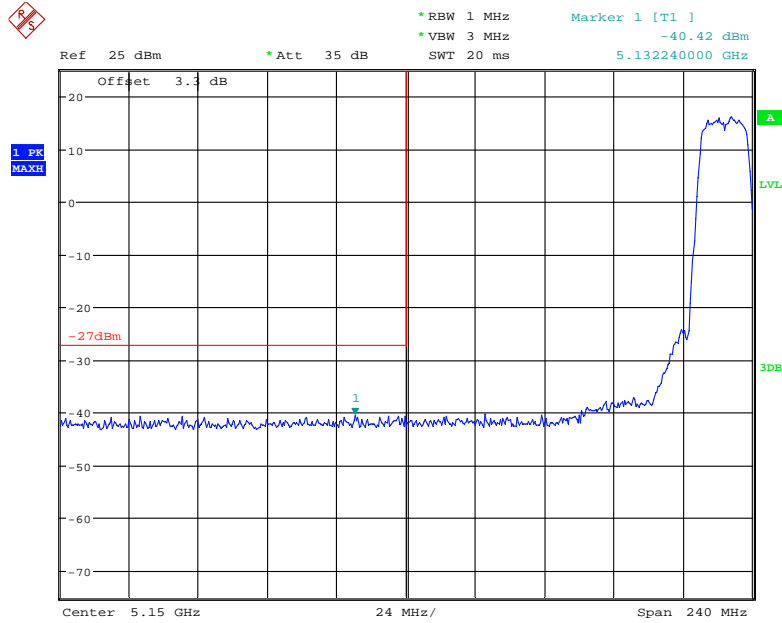


Date: 21.OCT.2017 15:47:48

Radio 1

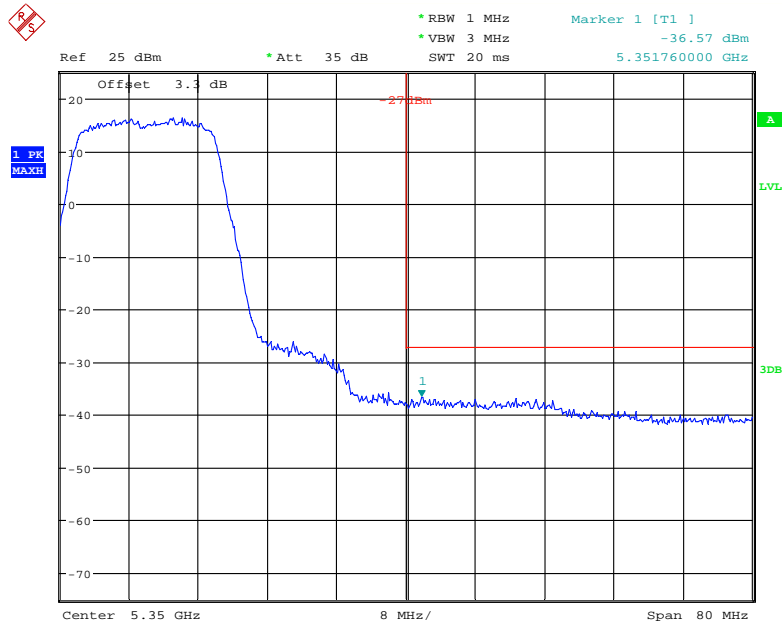
5250-5350MHz:

Chain 0, 802.11a Low Channel



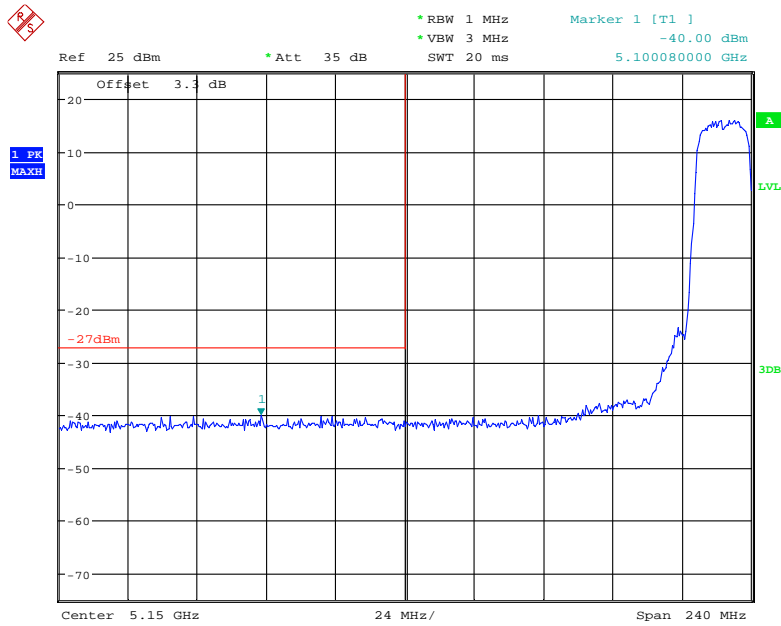
Date: 2.NOV.2017 00:37:33

Chain 0, 802.11a High Channel



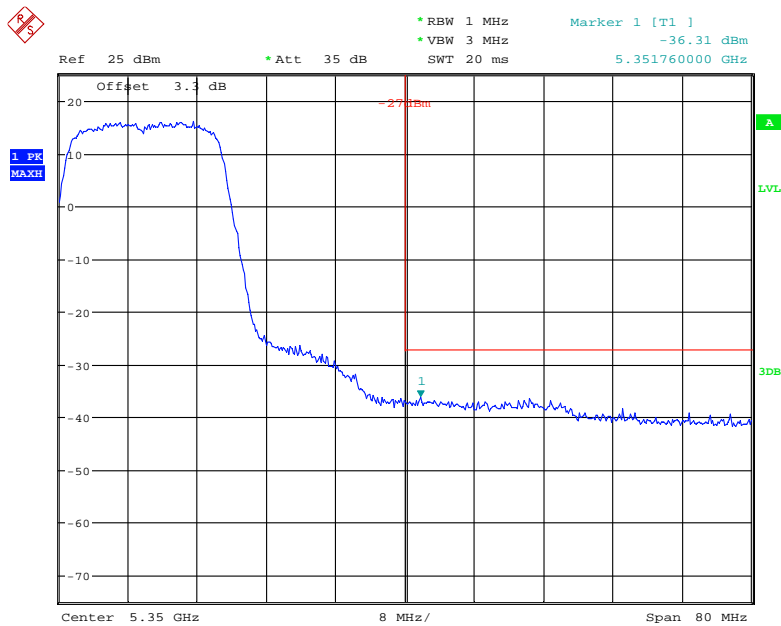
Date: 2.NOV.2017 00:40:34

### Chain 0, 802.11n ht20 Low Channel



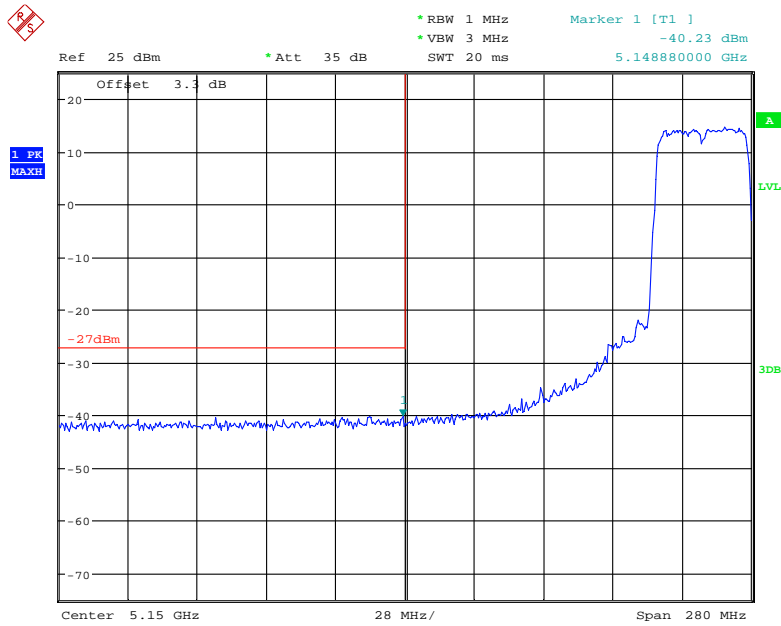
Date: 2.NOV.2017 18:38:25

### Chain 0, 802.11n ht20 High Channel



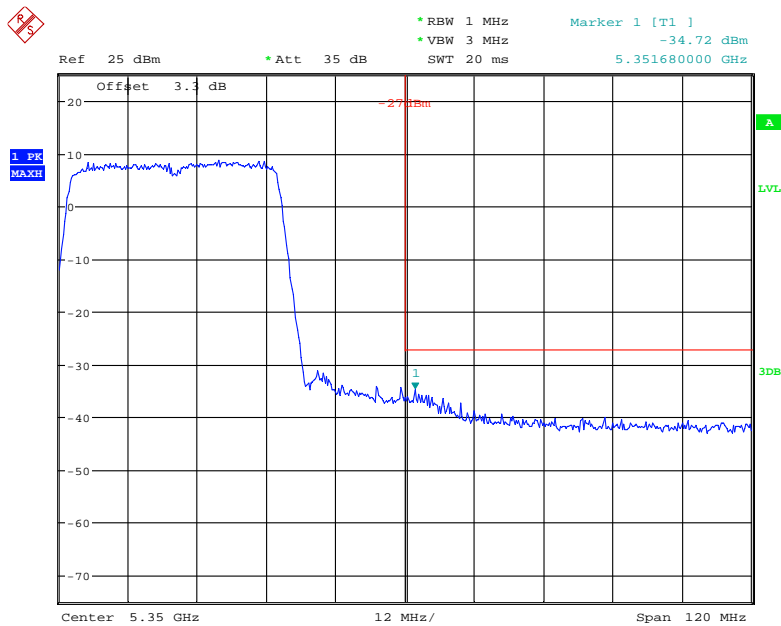
Date: 2.NOV.2017 18:29:40

### Chain 0, 802.11n ht40 Low Channel



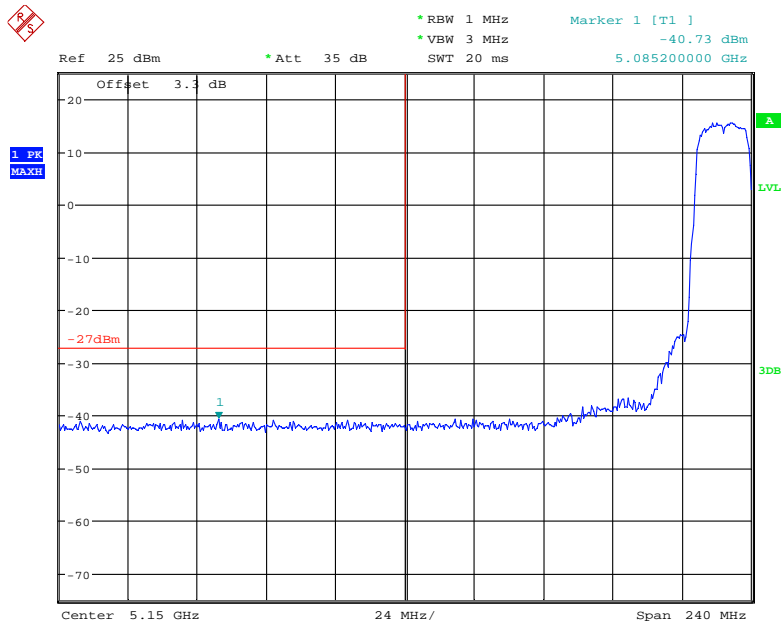
Date: 2.NOV.2017 20:36:18

### Chain 0, 802.11n ht40 High Channel



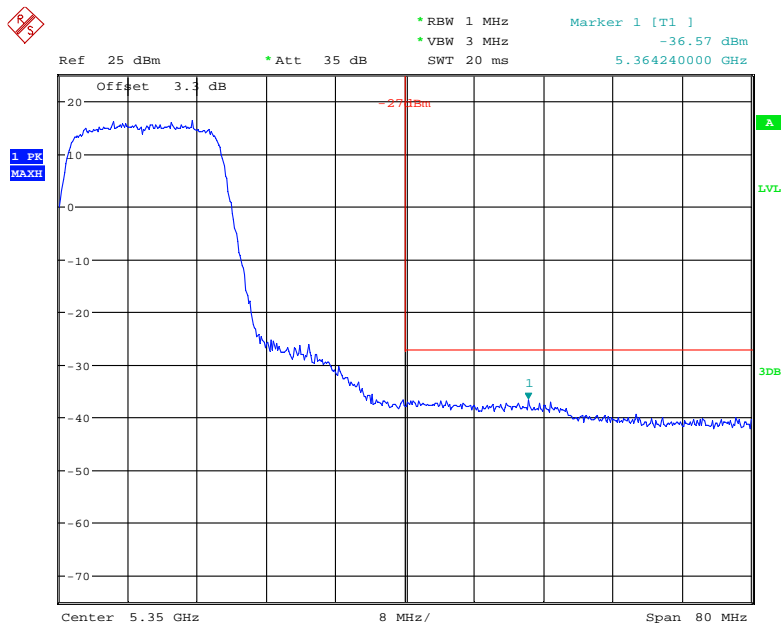
Date: 2.NOV.2017 20:50:50

### Chain 0, 802.11n ac20 Low Channel



Date: 2.NOV.2017 19:53:37

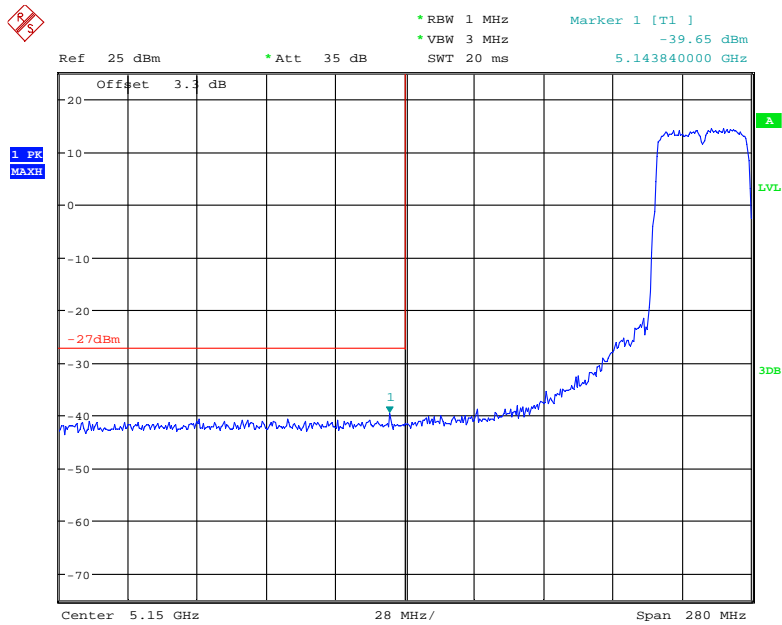
### Chain 0, 802.11n ac20 High Channel



Date: 2.NOV.2017 20:03:02

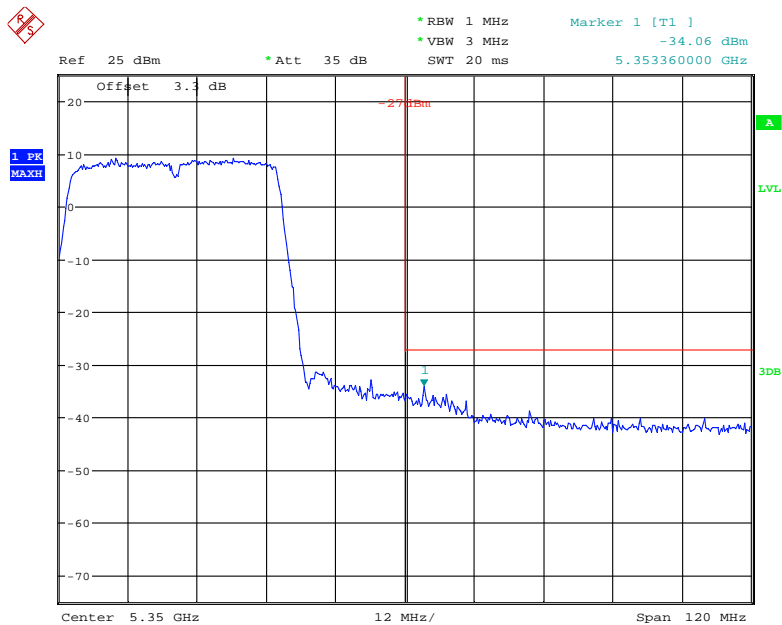


### Chain 0, 802.11n ac40 Low Channel



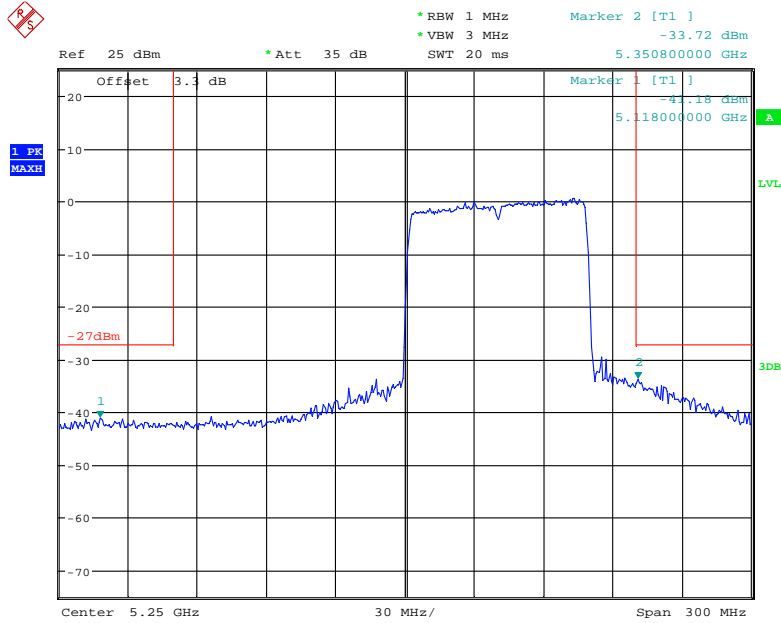
Date: 2.NOV.2017 22:16:03

### Chain 0, 802.11n ac40 High Channel



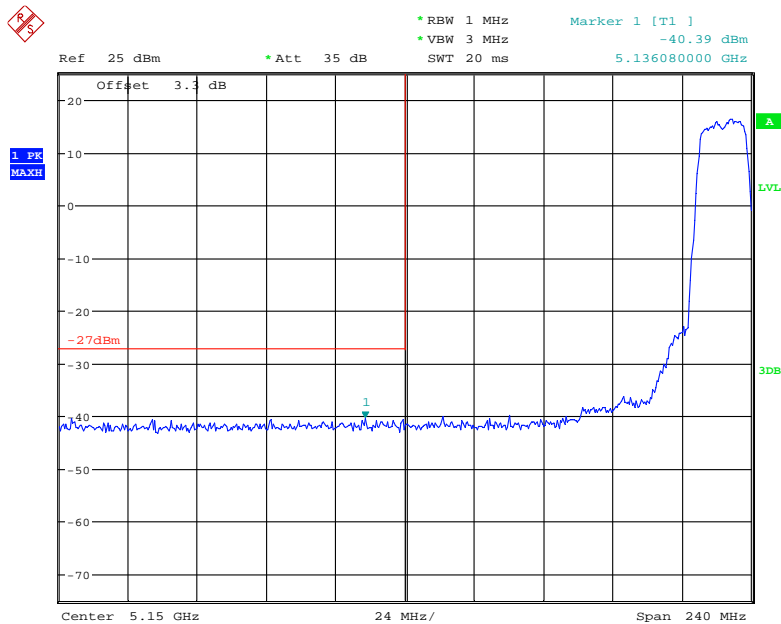
Date: 2.NOV.2017 22:09:22

### Chain 0, 802.11 ac80 Middle Channel



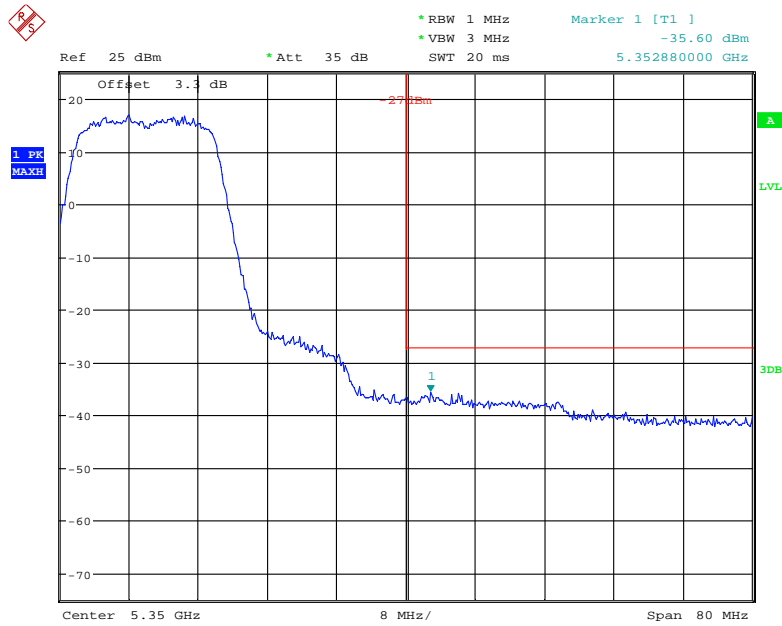
Date: 2.NOV.2017 22:43:04

### Chain 1, 802.11a Low Channel



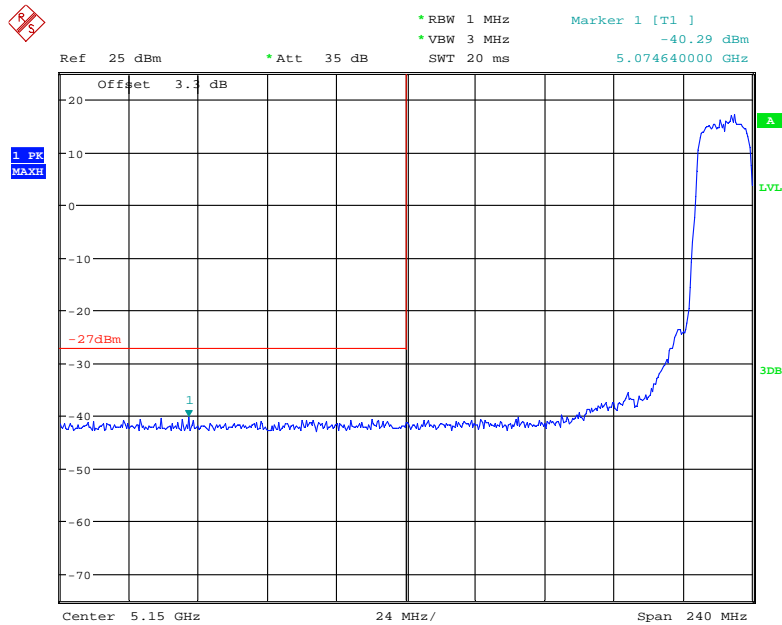
Date: 2.NOV.2017 00:36:40

### Chain 1, 802.11a High Channel



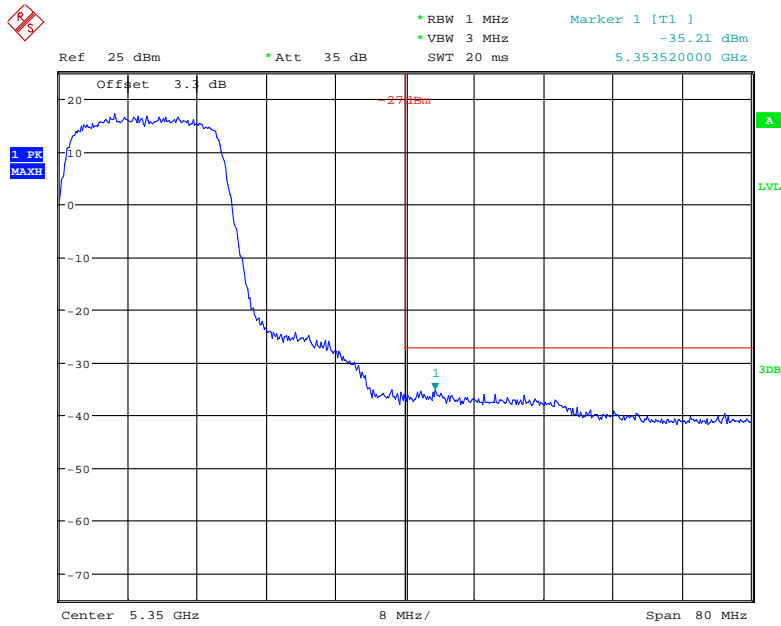
Date: 2.NOV.2017 00:41:52

### Chain 1, 802.11n ht20 Low Channel



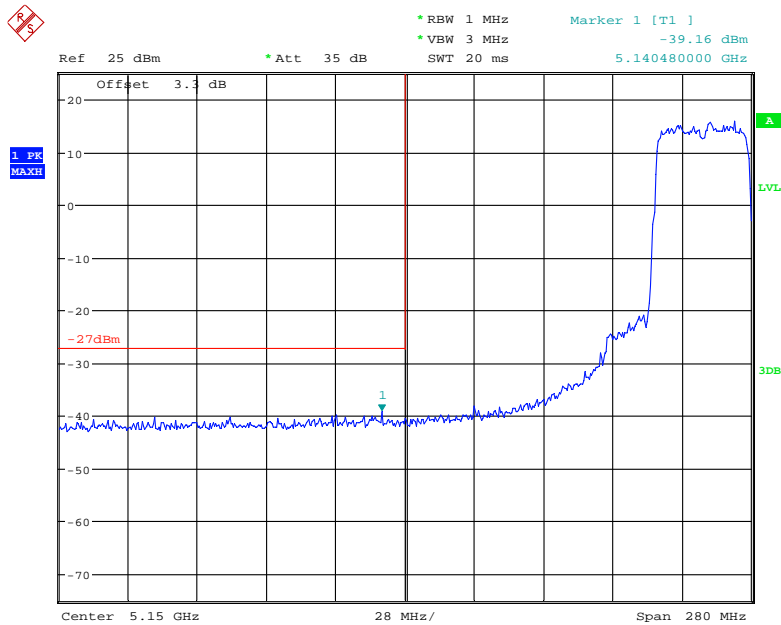
Date: 2.NOV.2017 18:37:18

### Chain 1, 802.11n ht20 High Channel



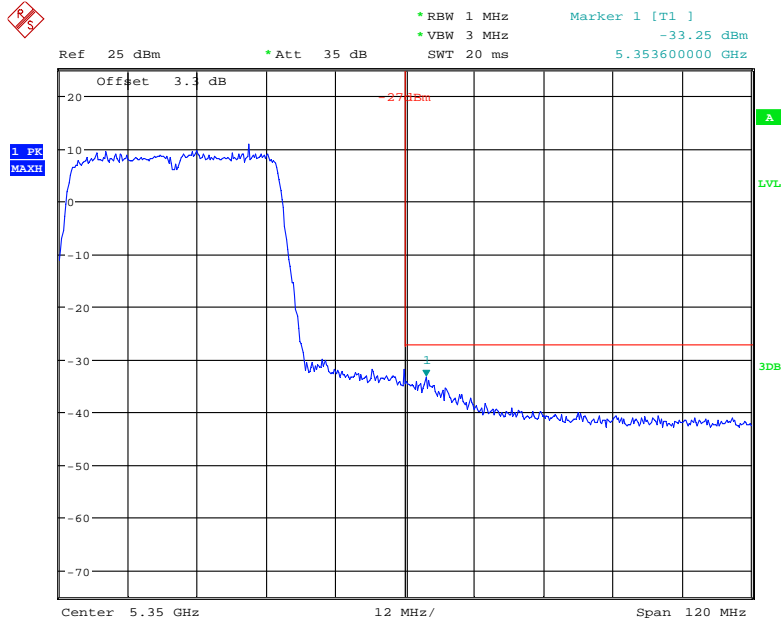
Date: 2.NOV.2017 18:30:35

### Chain 1, 802.11n ht40 Low Channel



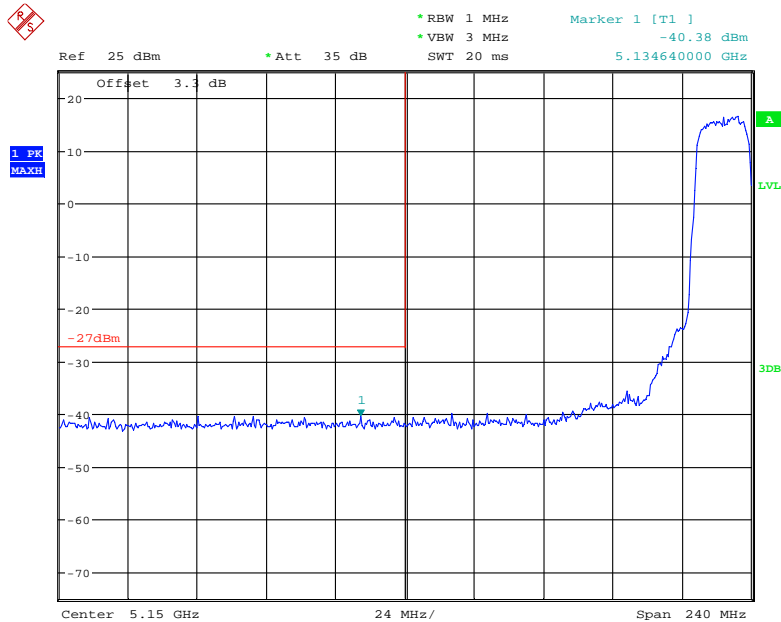
Date: 2.NOV.2017 20:37:17

### Chain 1, 802.11n ht40 High Channel



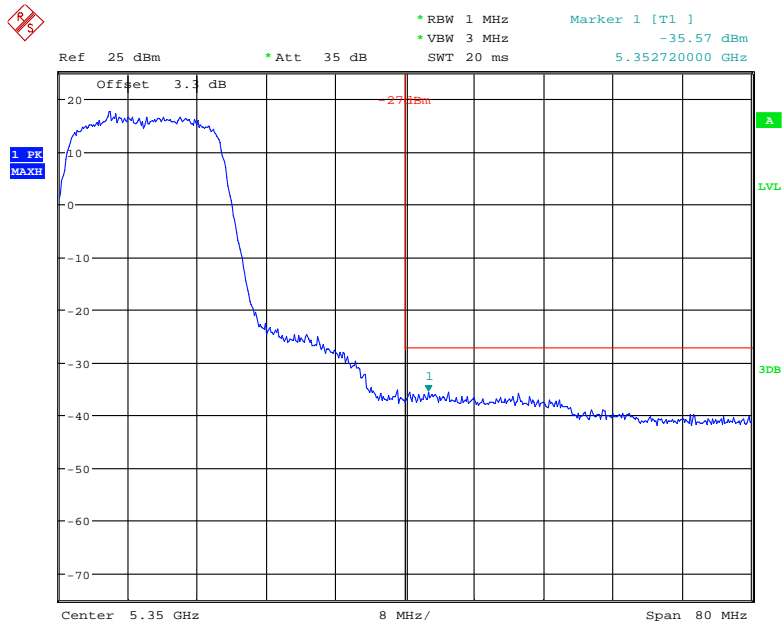
Date: 2.NOV.2017 20:49:54

### Chain 1, 802.11n ac20 Low Channel



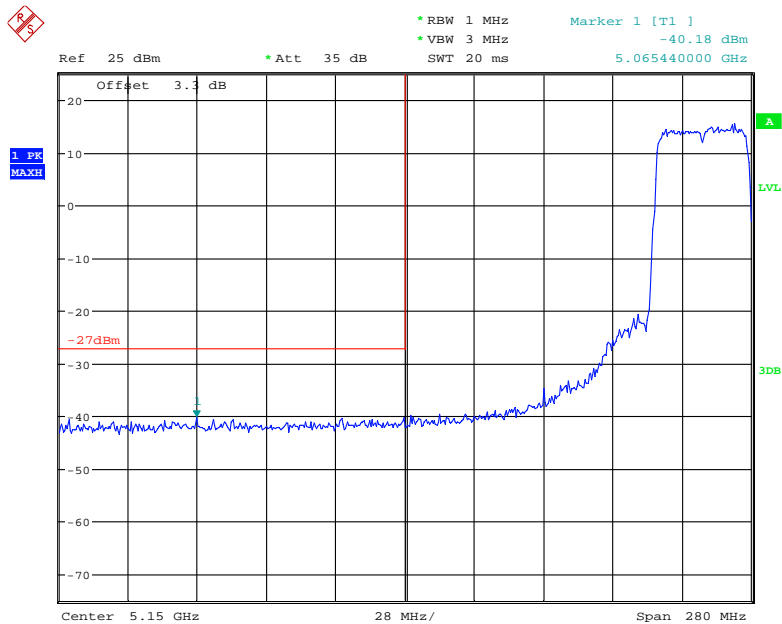
Date: 2.NOV.2017 19:54:33

### Chain 1, 802.11n ac20 High Channel



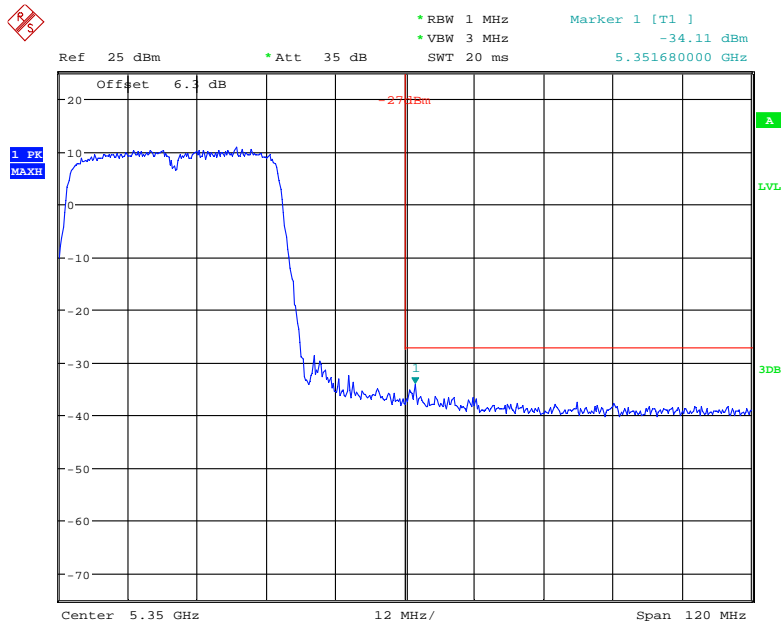
Date: 2.NOV.2017 20:02:12

### Chain 1, 802.11n ac40 Low Channel



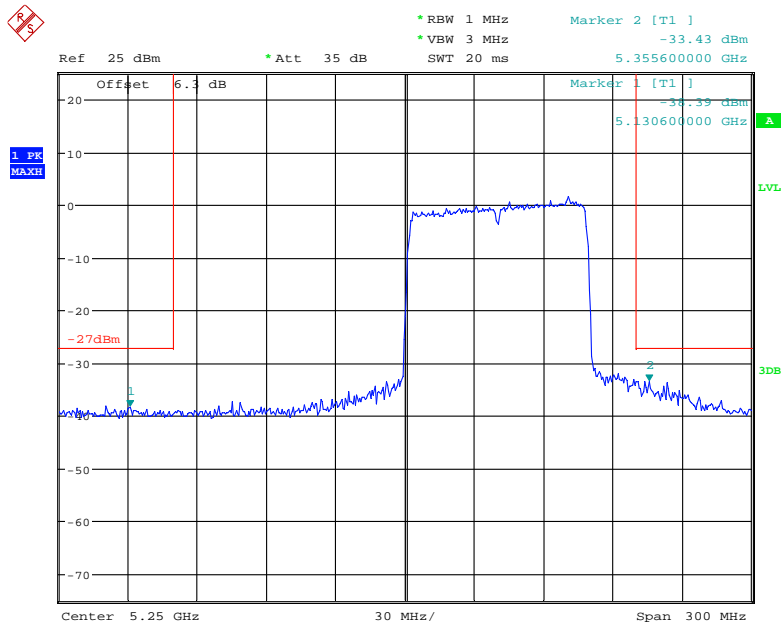
Date: 2.NOV.2017 22:12:56

### Chain 1, 802.11n ac40 High Channel



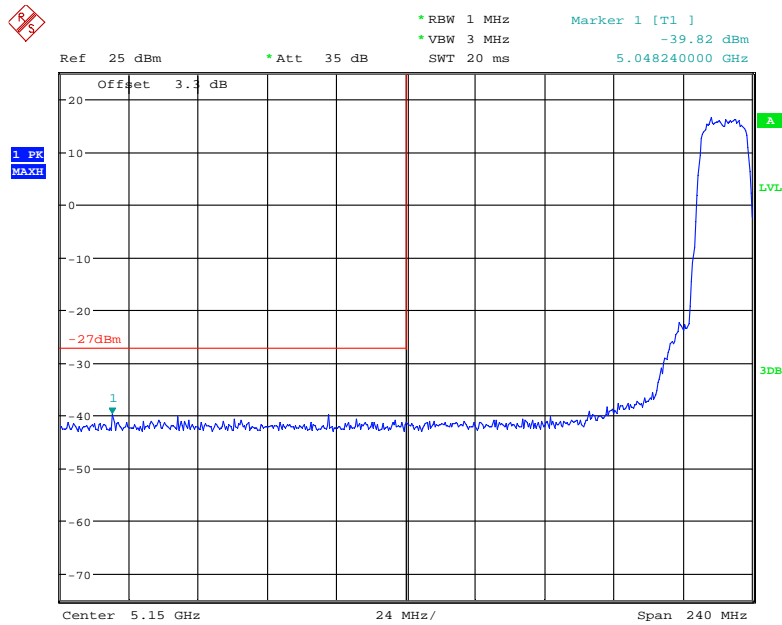
Date: 8.NOV.2017 13:58:30

### Chain 1, 802.11 ac80 Middle Channel



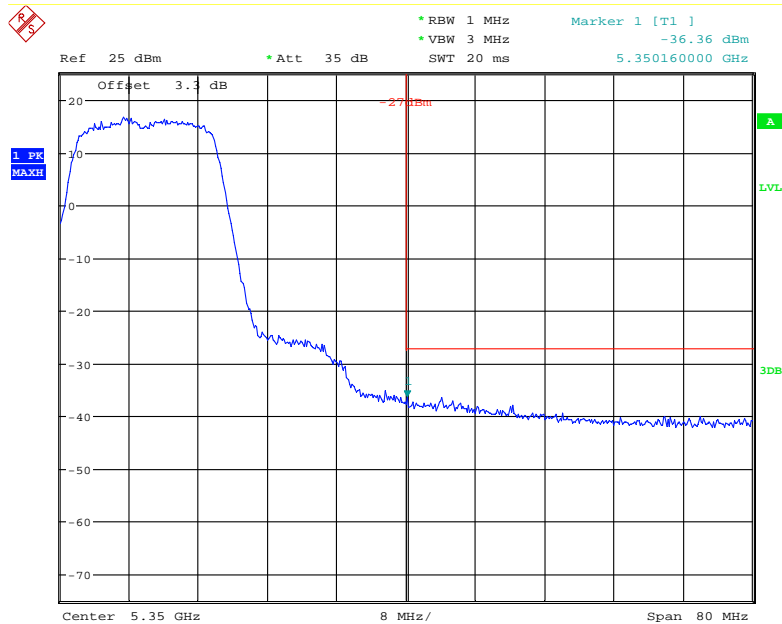
Date: 8.NOV.2017 14:31:40

### Chain 2, 802.11a Low Channel



Date: 2.NOV.2017 00:35:41

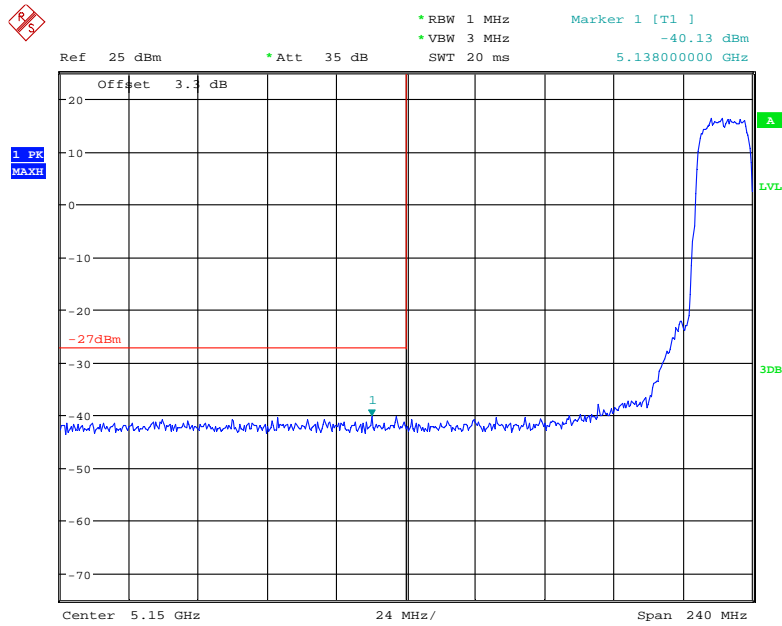
### Chain 2, 802.11a High Channel



Date: 2.NOV.2017 00:42:48

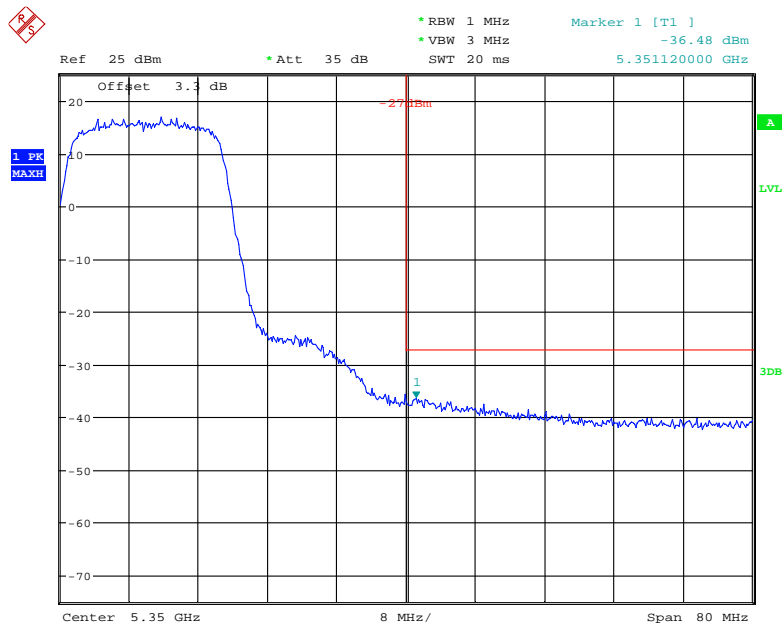


### Chain 2, 802.11n ht20 Low Channel



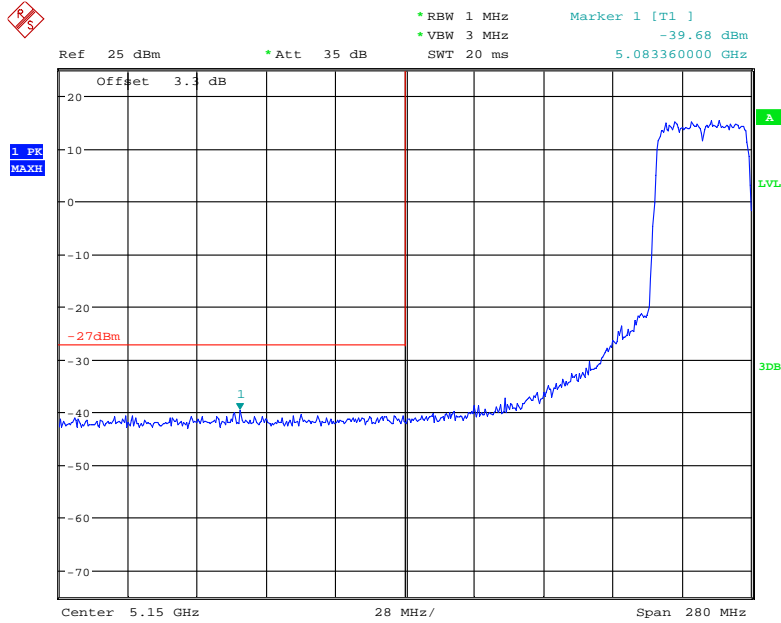
Date: 2.NOV.2017 18:36:14

### Chain 2, 802.11n ht20 High Channel



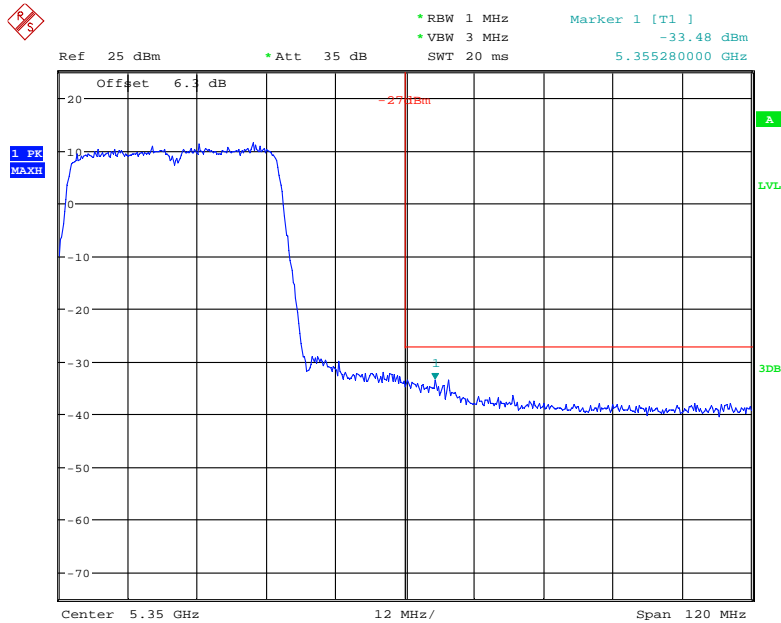
Date: 2.NOV.2017 18:31:31

### Chain 2, 802.11n ht40 Low Channel



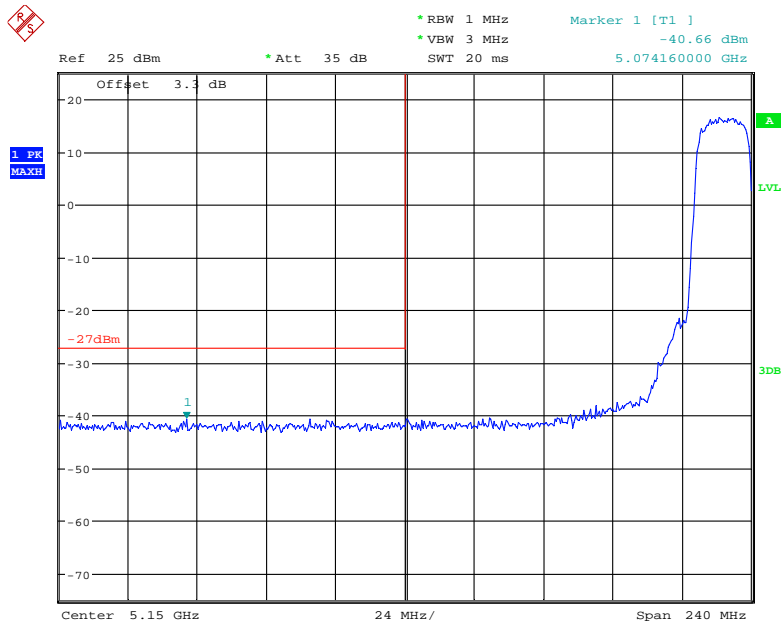
Date: 2.NOV.2017 20:40:37

### Chain 2, 802.11n ht40 High Channel



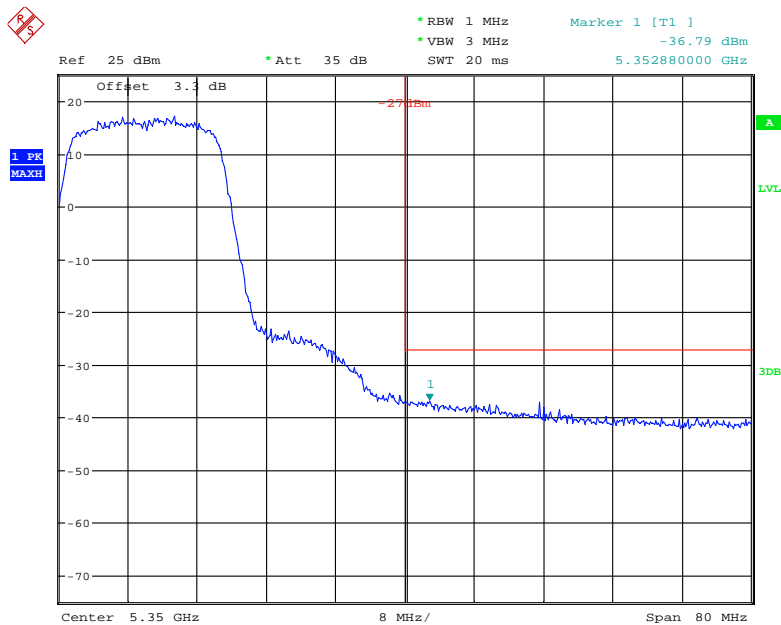
Date: 8.NOV.2017 11:00:39

### Chain 2, 802.11n ac20 Low Channel



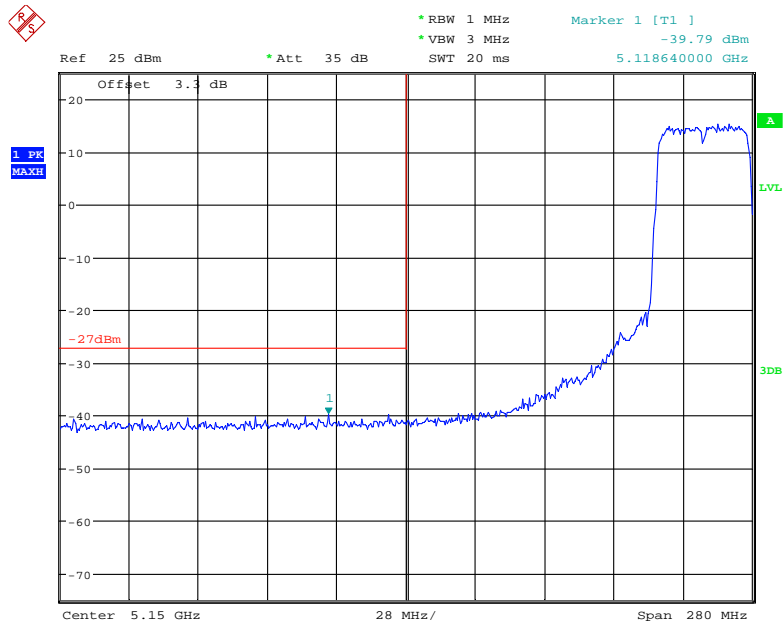
Date: 2.NOV.2017 19:55:32

### Chain 2, 802.11n ac20 High Channel



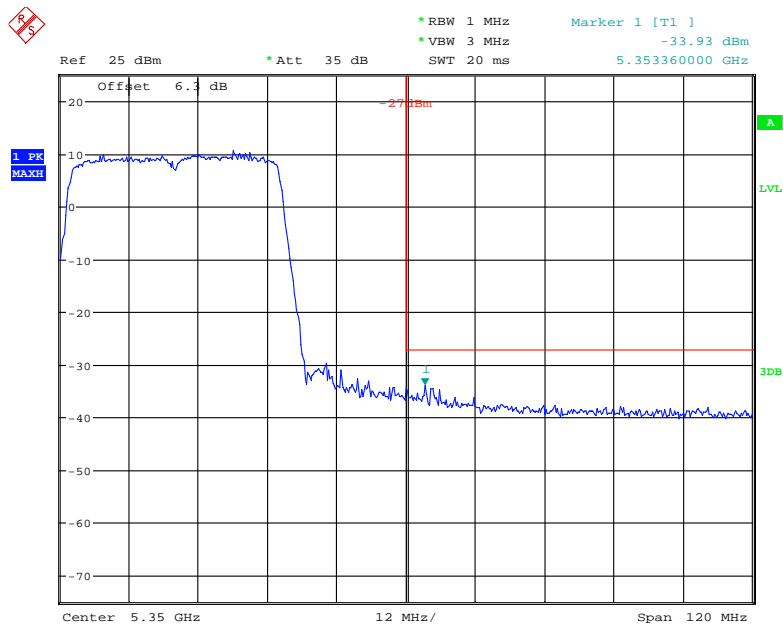
Date: 2.NOV.2017 20:01:15

### Chain 2, 802.11n ac40 Low Channel



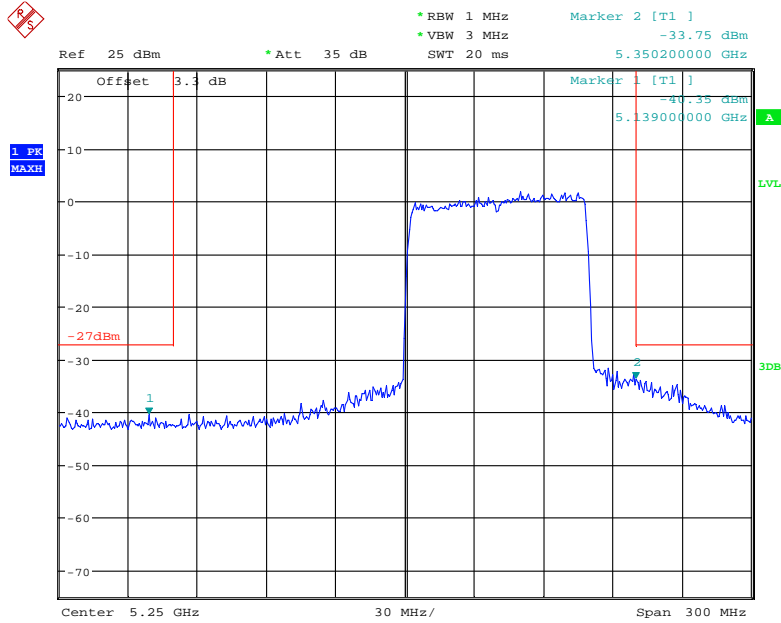
Date: 2.NOV.2017 22:17:07

### Chain 2, 802.11n ac40 High Channel



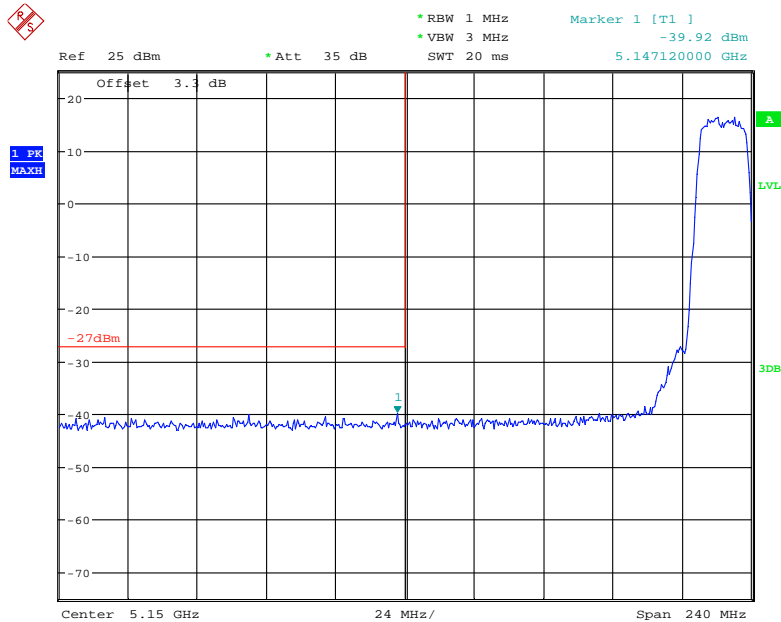
Date: 8.NOV.2017 13:55:13

### Chain 2, 802.11 ac80 Middle Channel



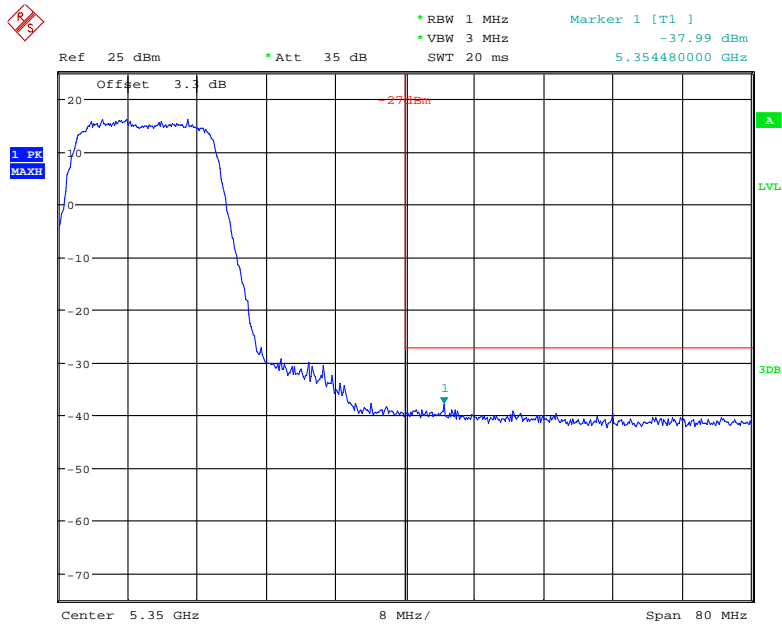
Date: 2.NOV.2017 22:41:46

### Chain 3, 802.11a Low Channel



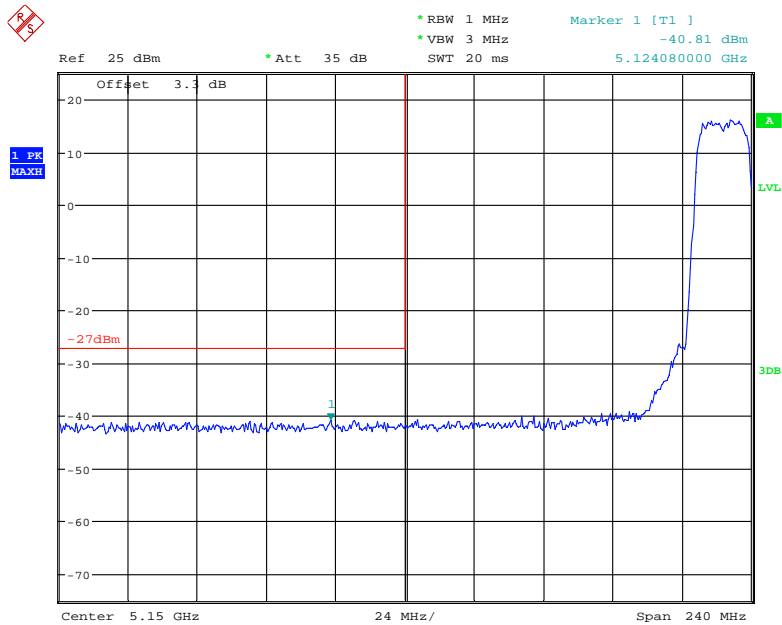
Date: 2.NOV.2017 00:34:43

### Chain 3, 802.11a High Channel



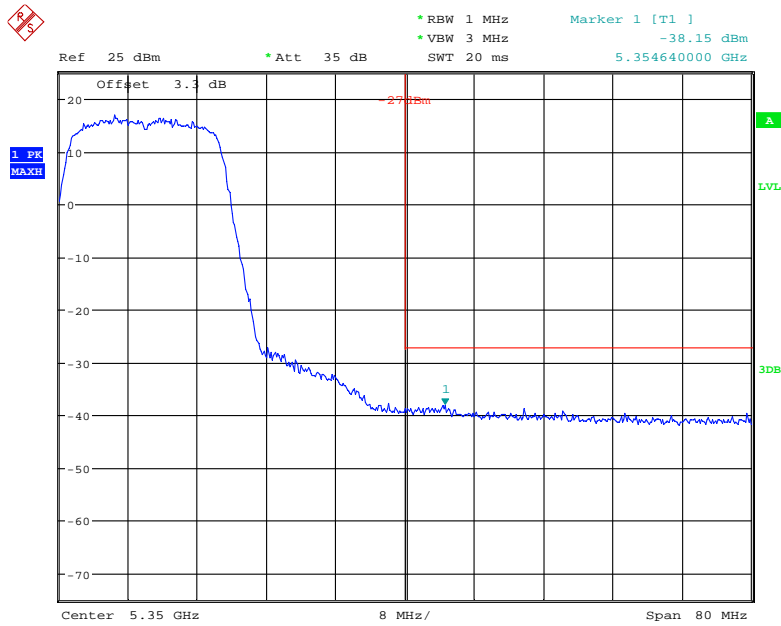
Date: 2.NOV.2017 00:43:39

### Chain 3, 802.11n ht20 Low Channel



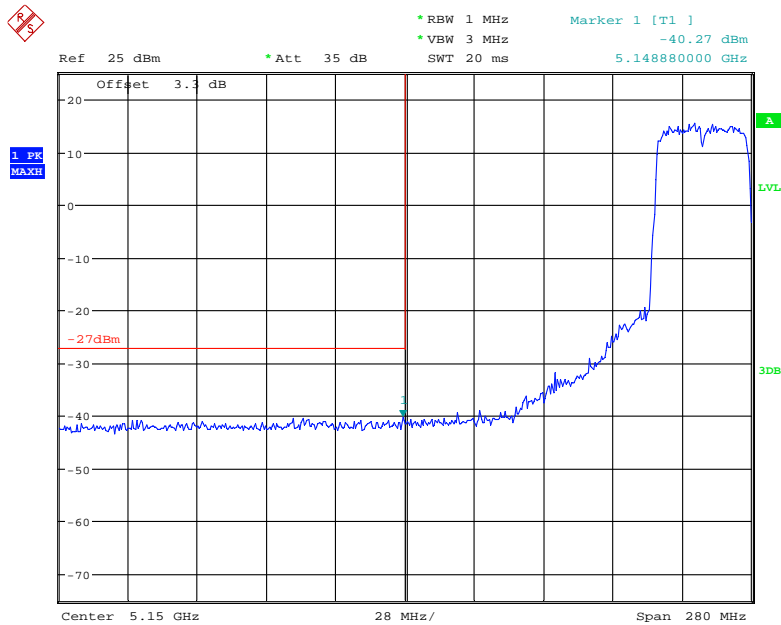
Date: 2.NOV.2017 18:35:17

### Chain 3, 802.11n ht20 High Channel



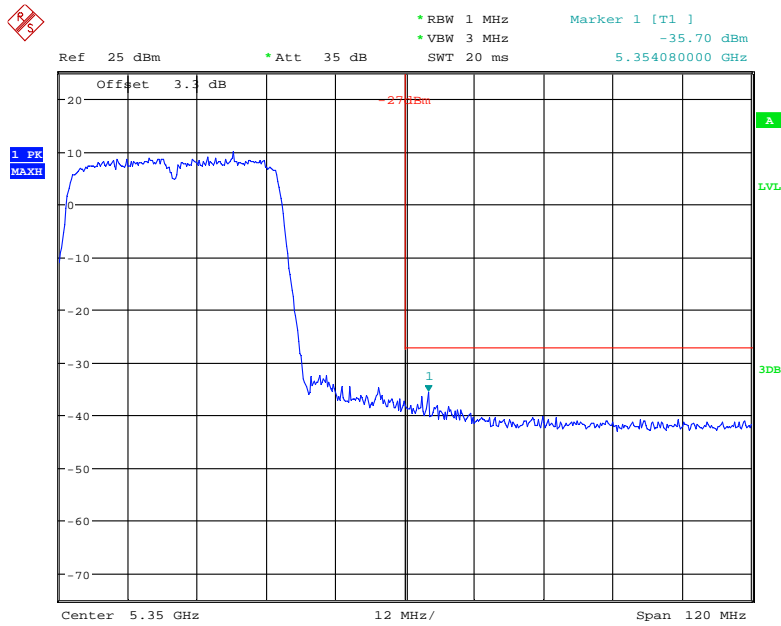
Date: 2.NOV.2017 18:32:43

### Chain 3, 802.11n ht40 Low Channel



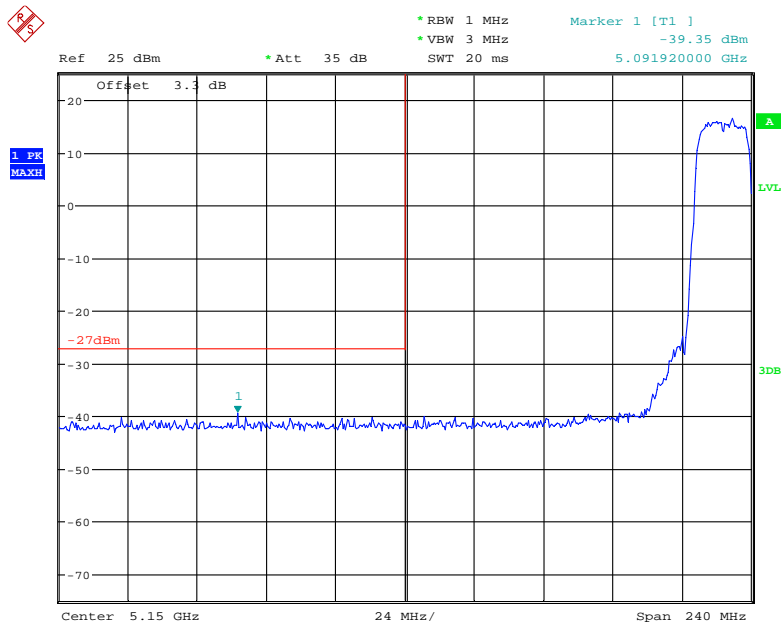
Date: 2.NOV.2017 20:41:57

### Chain 3, 802.11n ht40 High Channel



Date: 2.NOV.2017 20:52:43

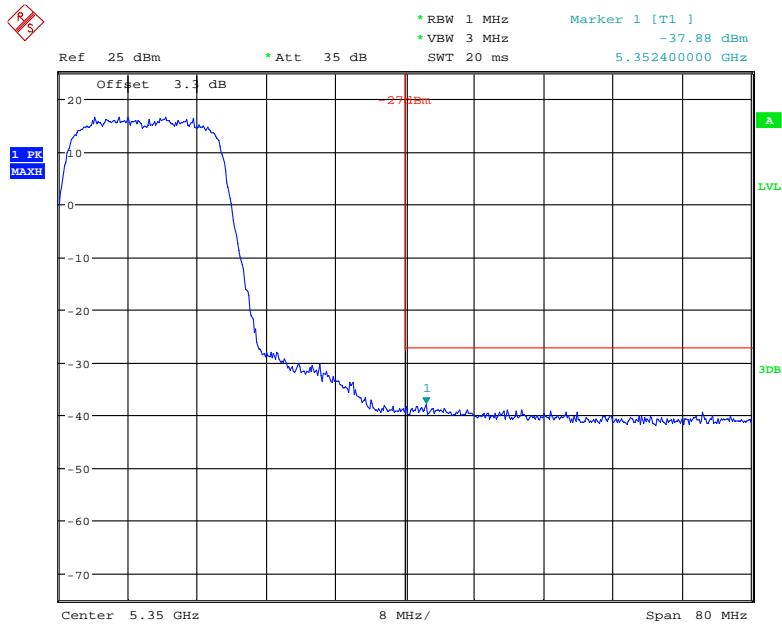
### Chain 3, 802.11n ac20 Low Channel



Date: 2.NOV.2017 19:56:39

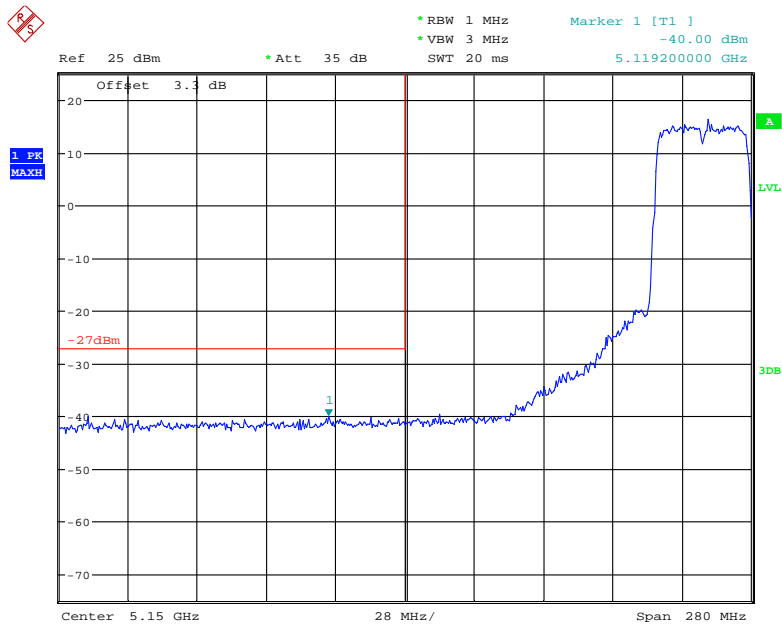


### Chain 3, 802.11n ac20 High Channel



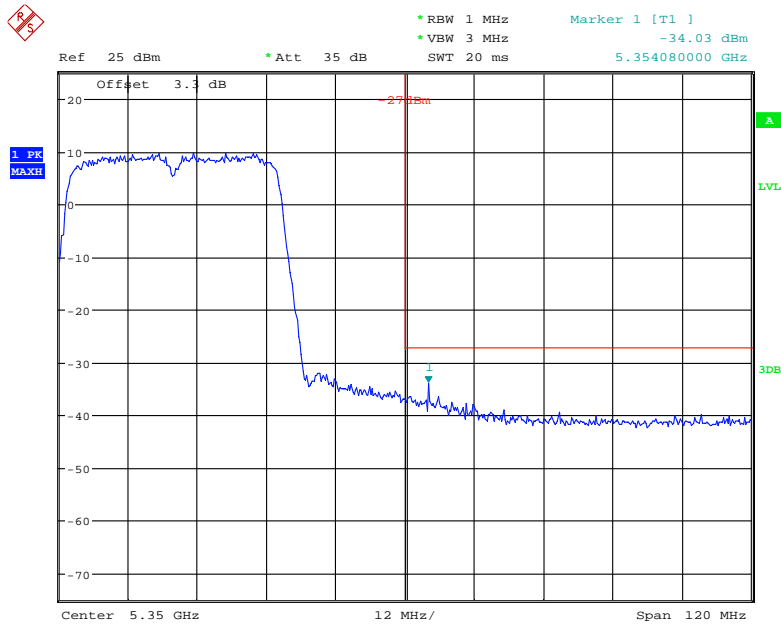
Date: 2.NOV.2017 20:00:04

### Chain 3, 802.11n ac40 Low Channel



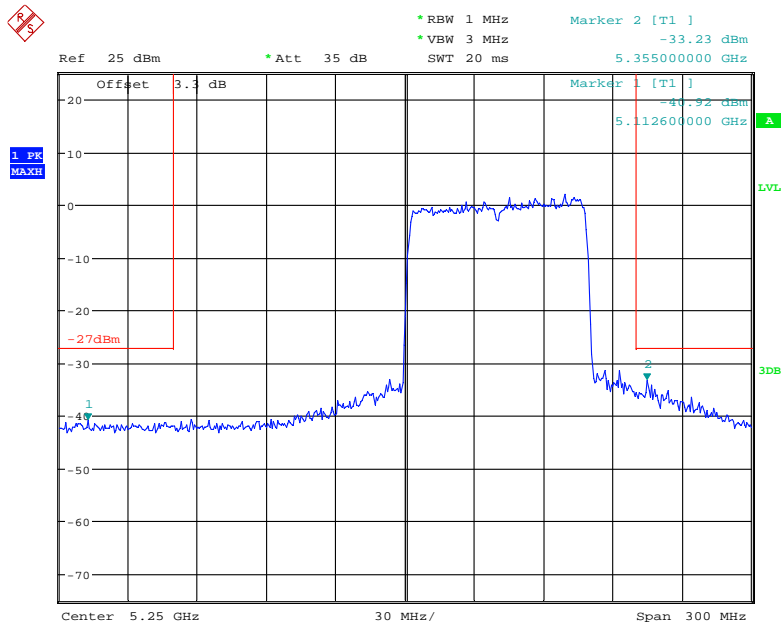
Date: 2.NOV.2017 22:20:16

### Chain 3, 802.11n ac40 High Channel



Date: 2.NOV.2017 22:02:04

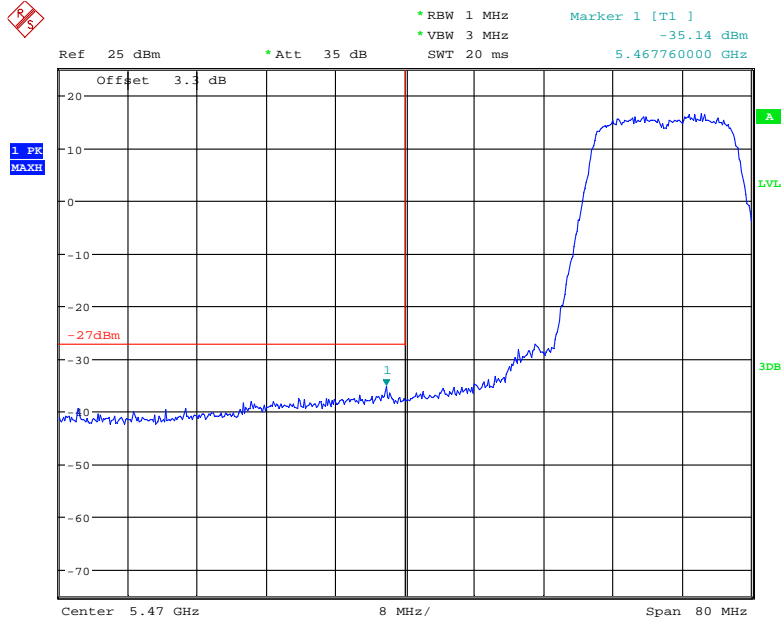
### Chain 3, 802.11 ac80 Middle Channel



Date: 2.NOV.2017 22:42:24

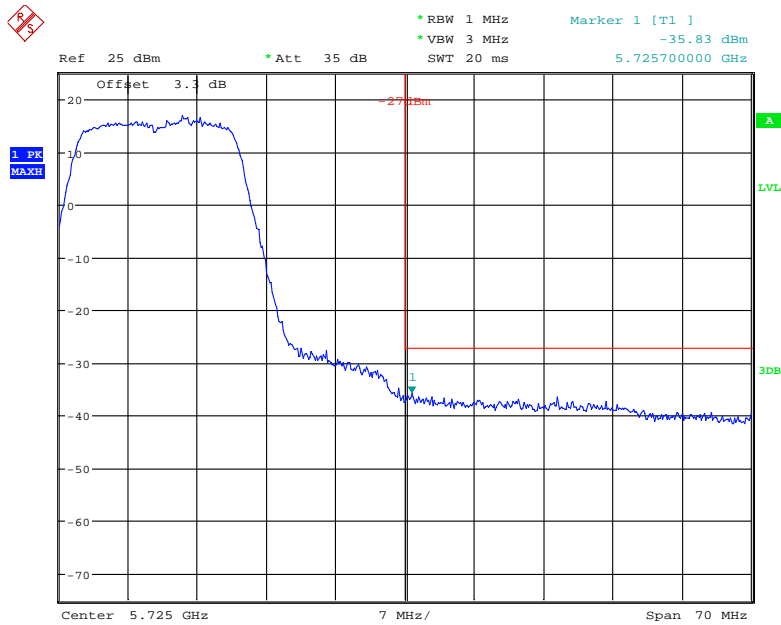
5470-5725MHz:

### Chain 0, 802.11a Low Channel



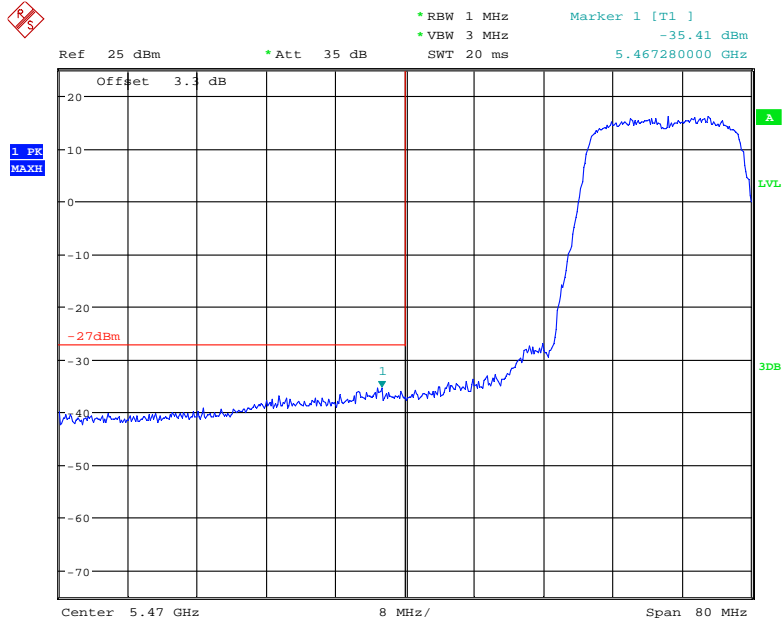
Date: 2.NOV.2017 17:28:23

### Chain 0, 802.11a High Channel



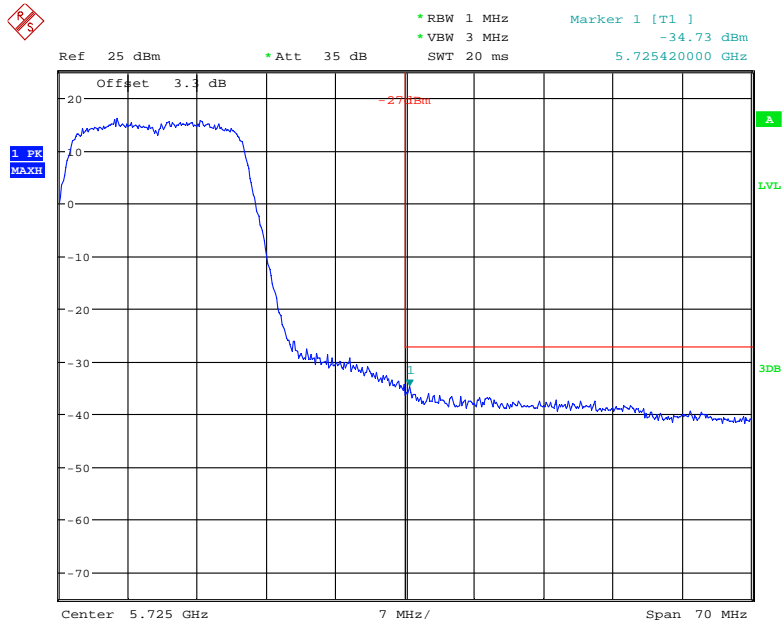
Date: 2.NOV.2017 17:33:28

**Chain 0, 802.11n ht20 Low Channel**



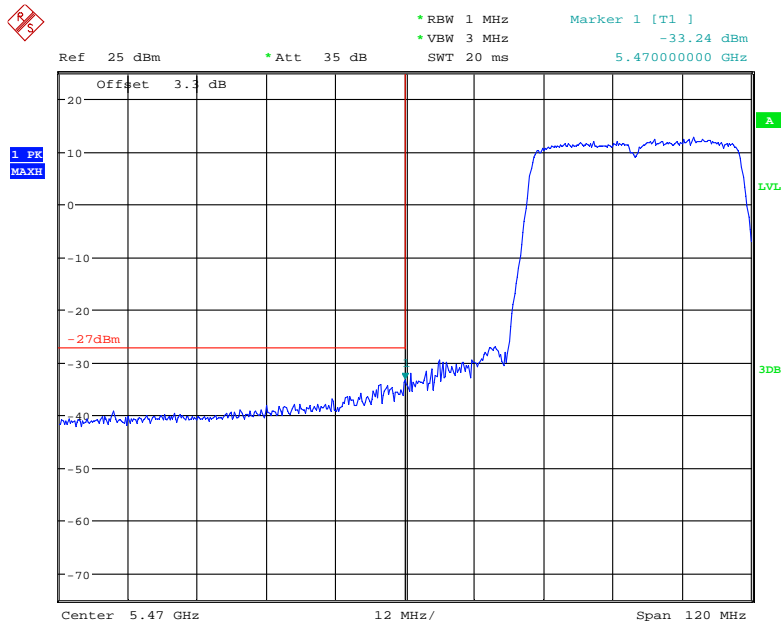
Date: 2.NOV.2017 18:27:43

**Chain 0, 802.11n ht20 High Channel**



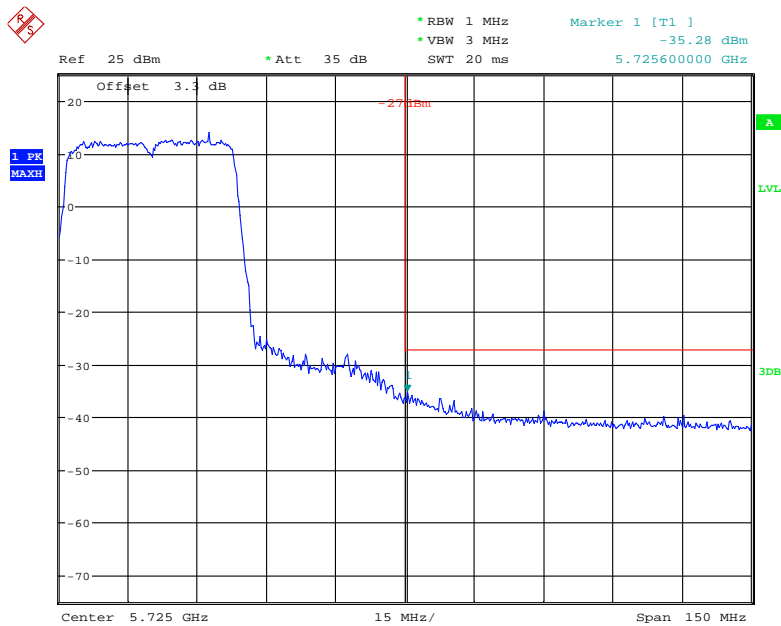
Date: 2.NOV.2017 18:20:09

### Chain 0, 802.11n ht40 Low Channel



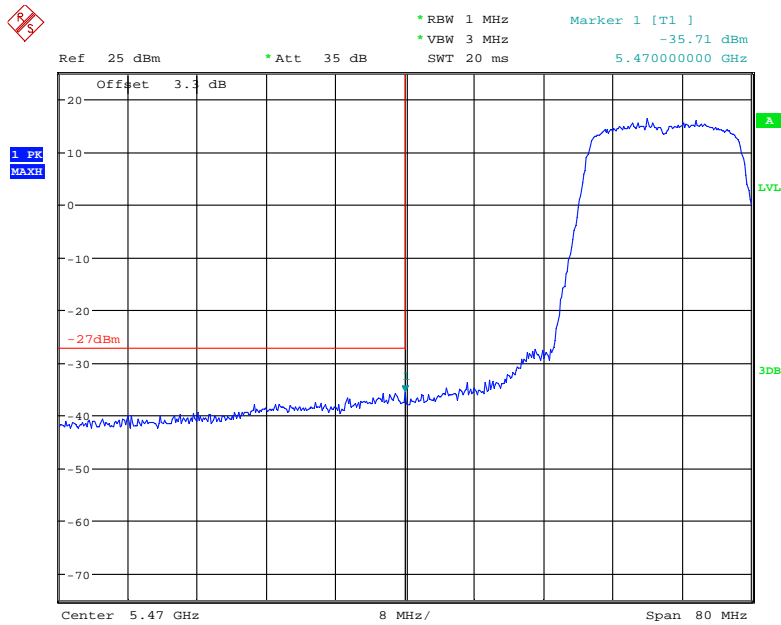
Date: 2.NOV.2017 20:58:48

### Chain 0, 802.11n ht40 High Channel



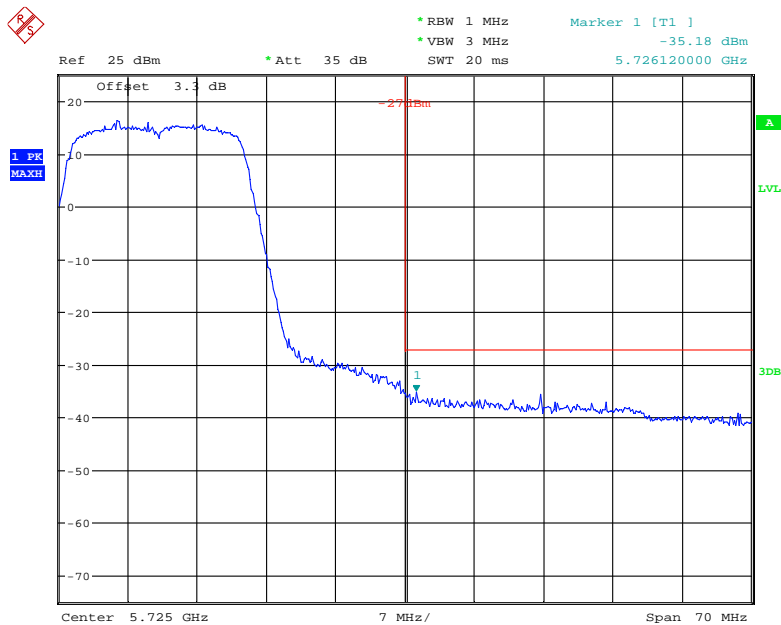
Date: 2.NOV.2017 21:08:10

### Chain 0, 802.11n ac20 Low Channel



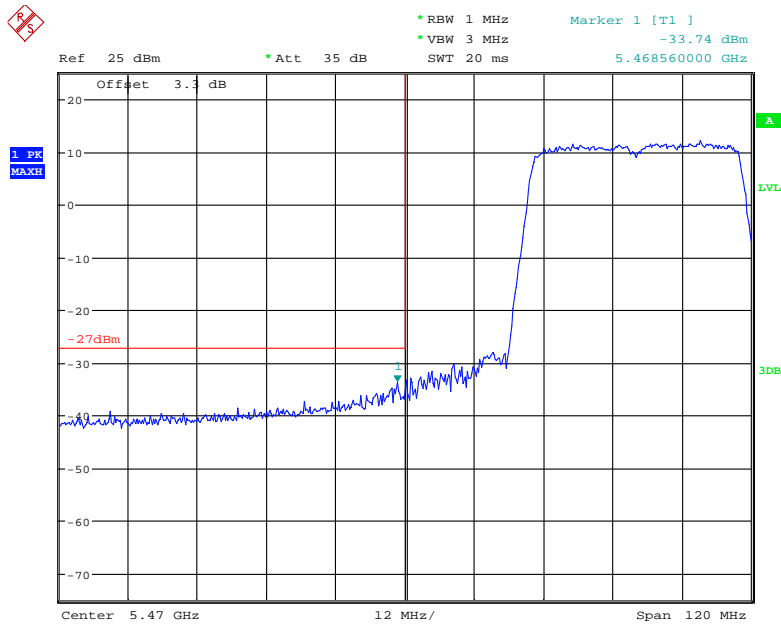
Date: 2.NOV.2017 20:04:07

### Chain 0, 802.11n ac20 High Channel



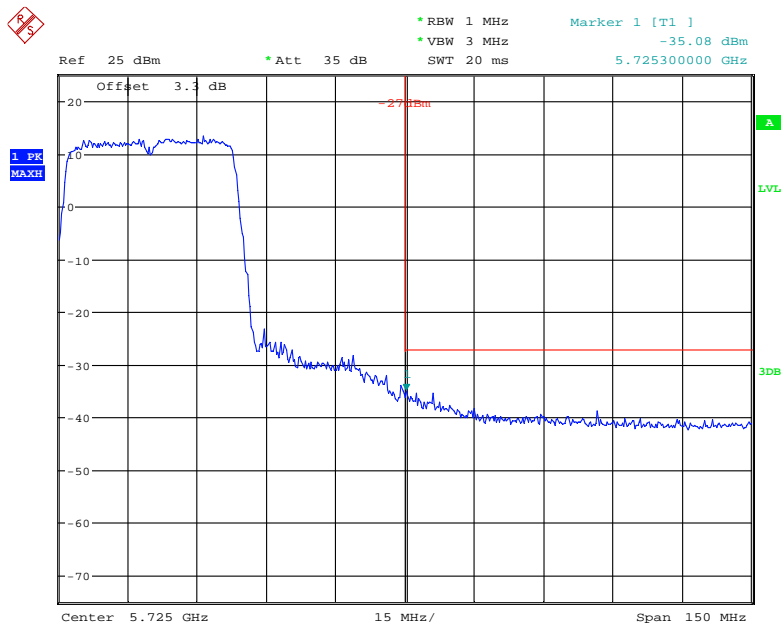
Date: 2.NOV.2017 20:05:58

### Chain 0, 802.11n ac40 Low Channel



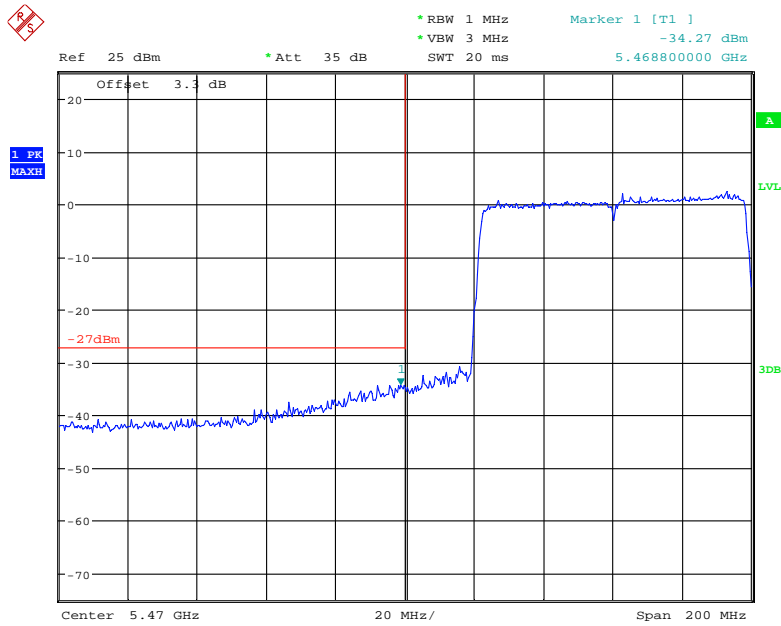
Date: 2.NOV.2017 21:57:00

### Chain 0, 802.11 ac40 High Channel



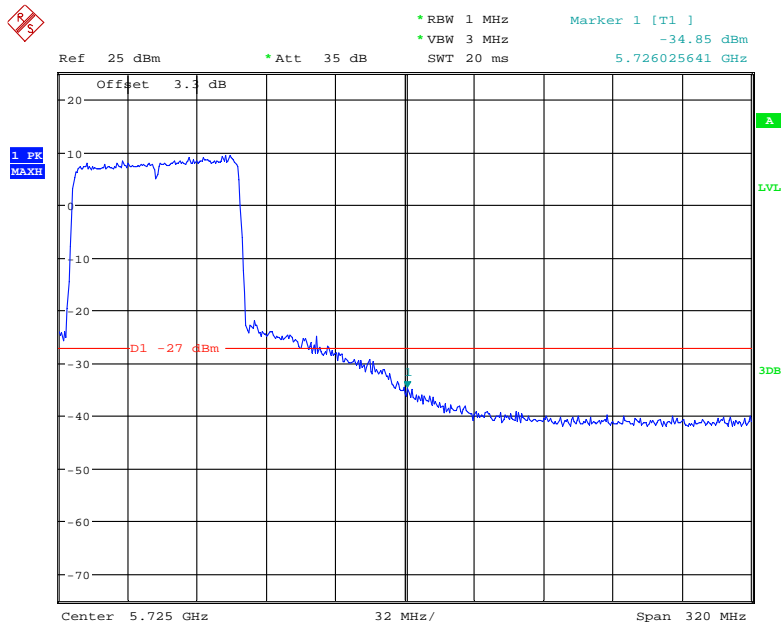
Date: 2.NOV.2017 21:35:32

### Chain 0, 802.11 ac80 Low Channel



Date: 2.NOV.2017 22:57:20

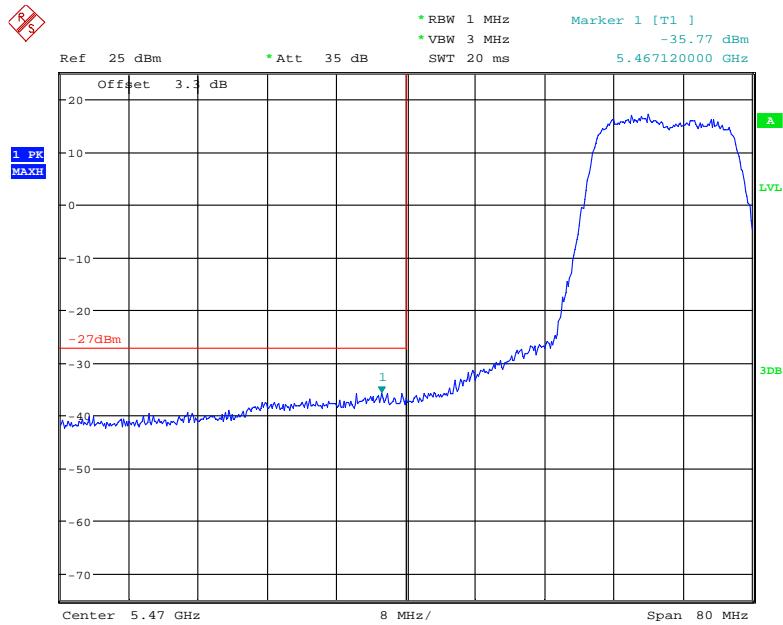
### Chain 0, 802.11 ac80 5610MHz



Date: 2.NOV.2017 23:25:18

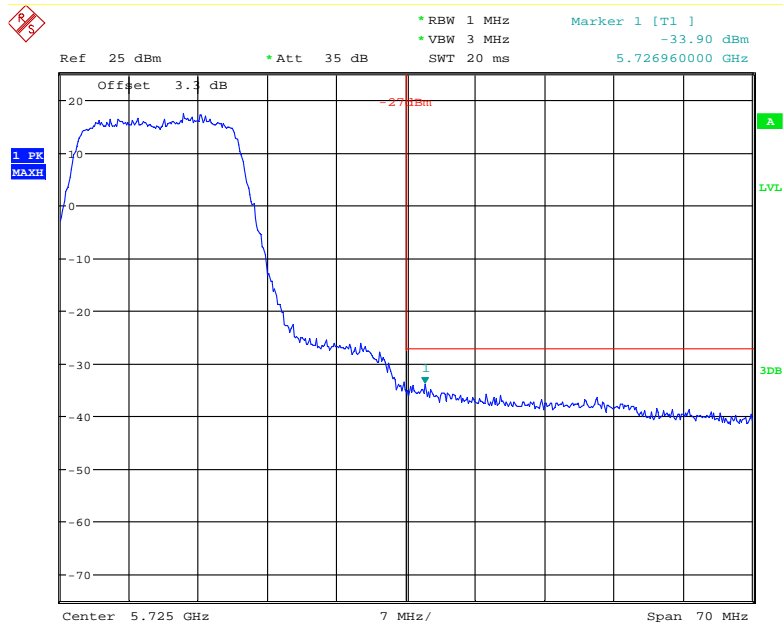


### Chain 1, 802.11a Low Channel



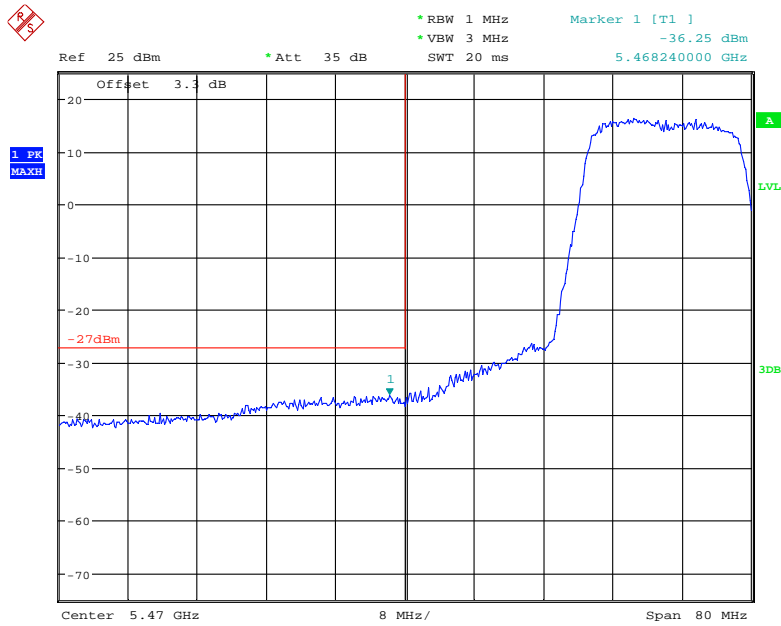
Date: 2.NOV.2017 17:27:37

### Chain 1, 802.11a High Channel



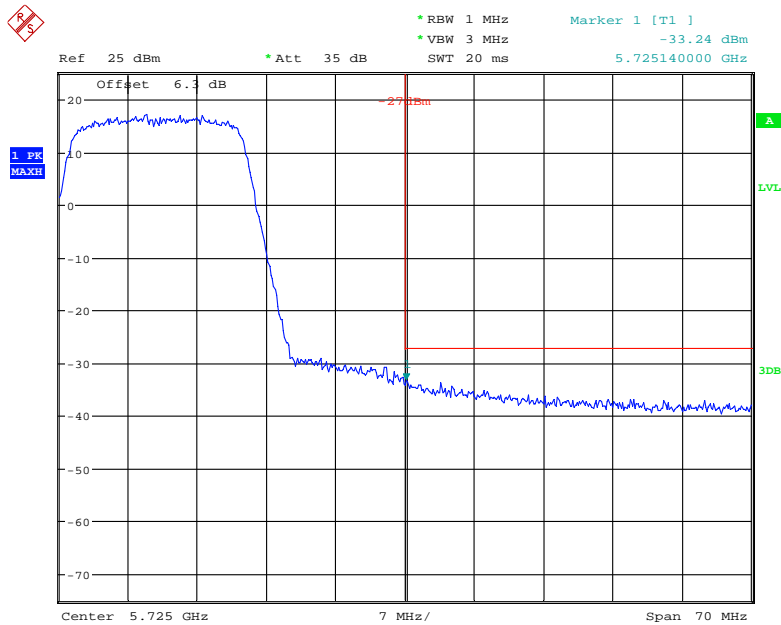
Date: 2.NOV.2017 17:34:23

### Chain 1, 802.11n ht20 Low Channel



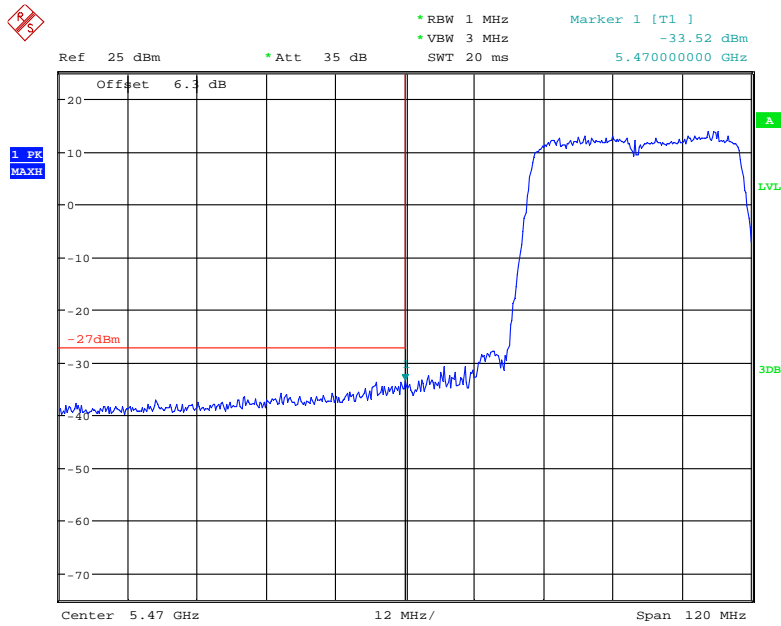
Date: 2.NOV.2017 18:26:27

### Chain 1, 802.11n ht20 High Channel



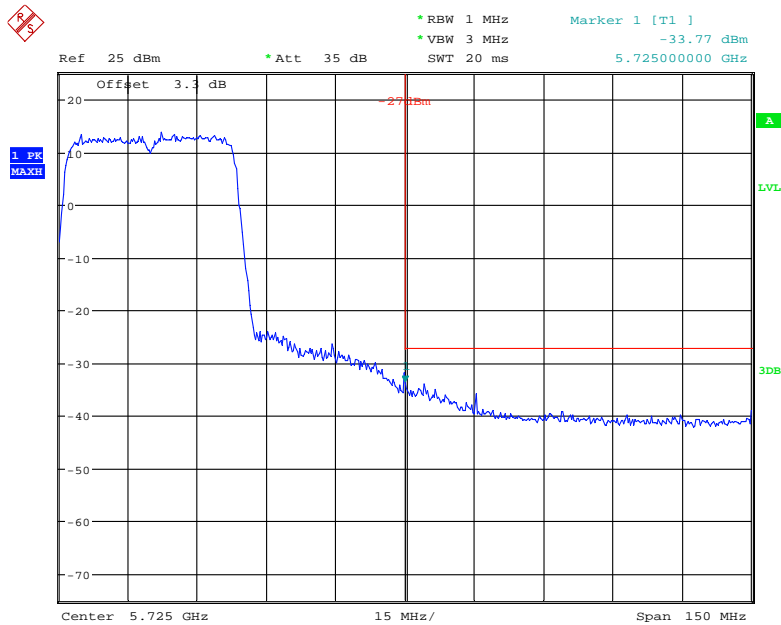
Date: 6.NOV.2017 16:23:54

### Chain 1, 802.11n ht40 Low Channel



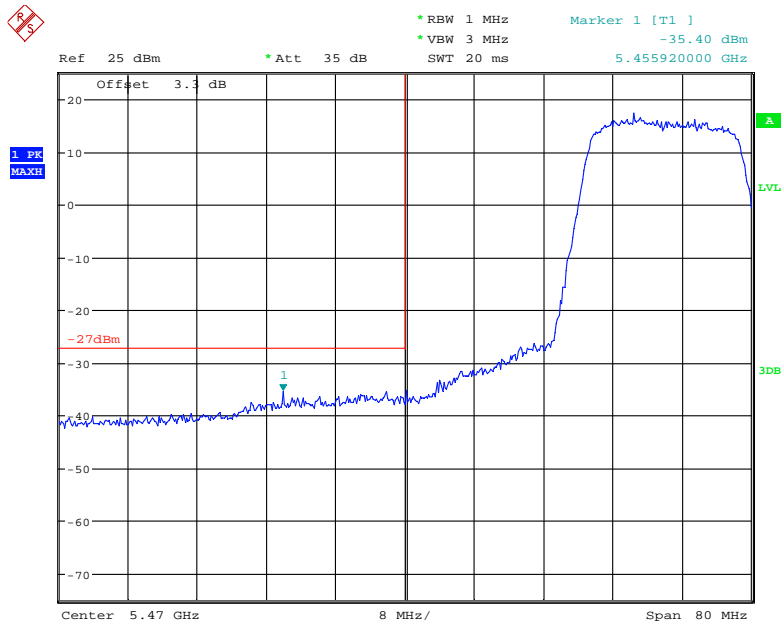
Date: 8.NOV.2017 11:12:09

### Chain 1, 802.11n ht40 High Channel



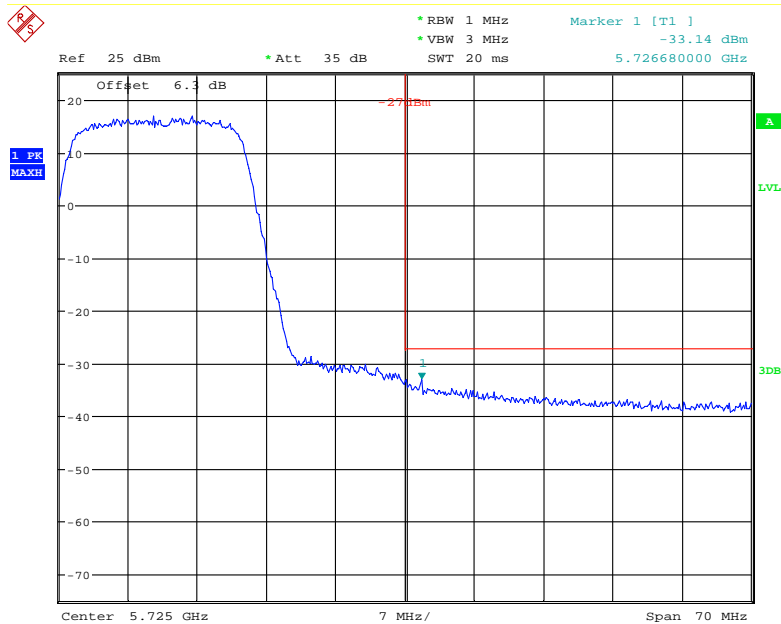
Date: 2.NOV.2017 21:07:08

### Chain 1, 802.11n ac20 Low Channel



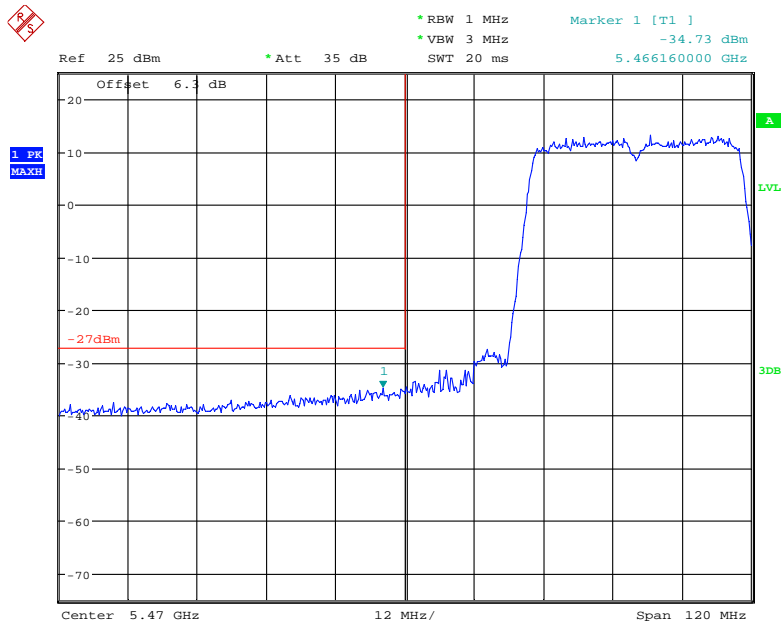
Date: 2.NOV.2017 20:08:20

### Chain 1, 802.11n ac20 High Channel



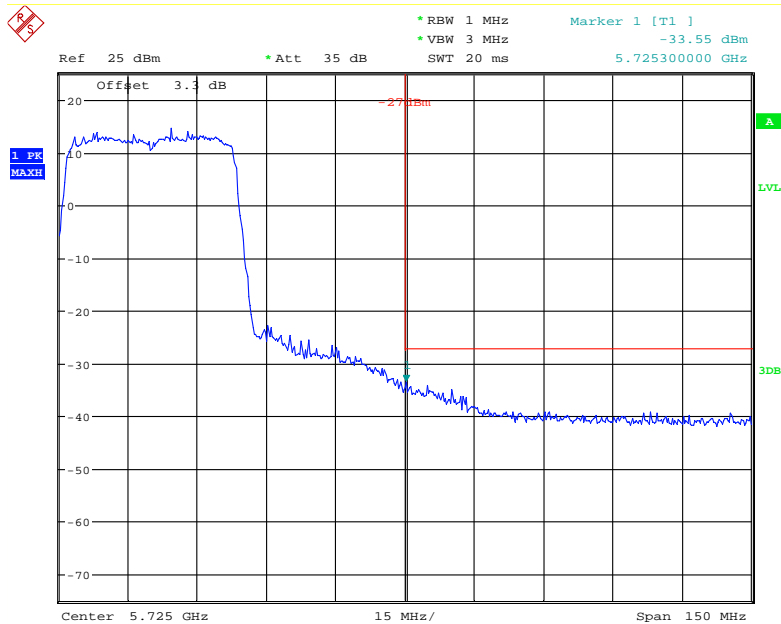
Date: 8.NOV.2017 10:00:03

### Chain 1, 802.11n ac40 Low Channel



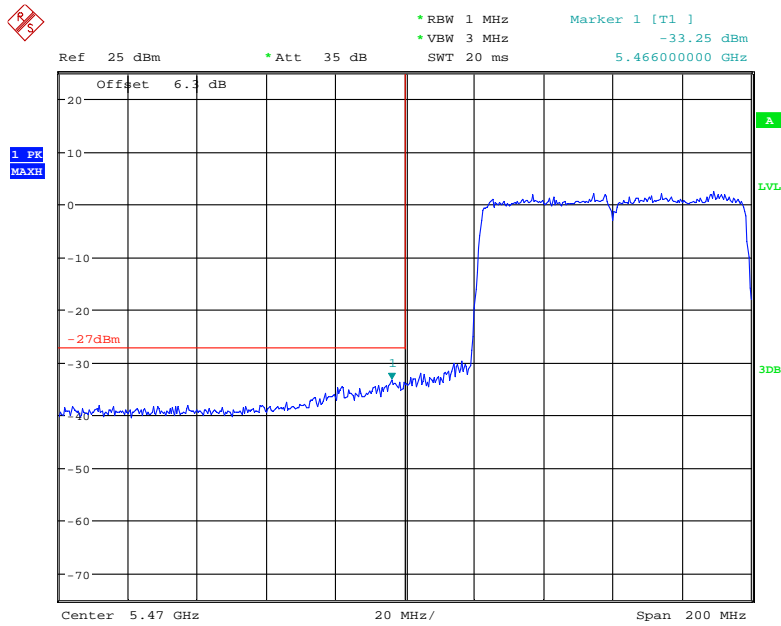
Date: 8.NOV.2017 13:49:24

### Chain 1, 802.11n ac40 High Channel



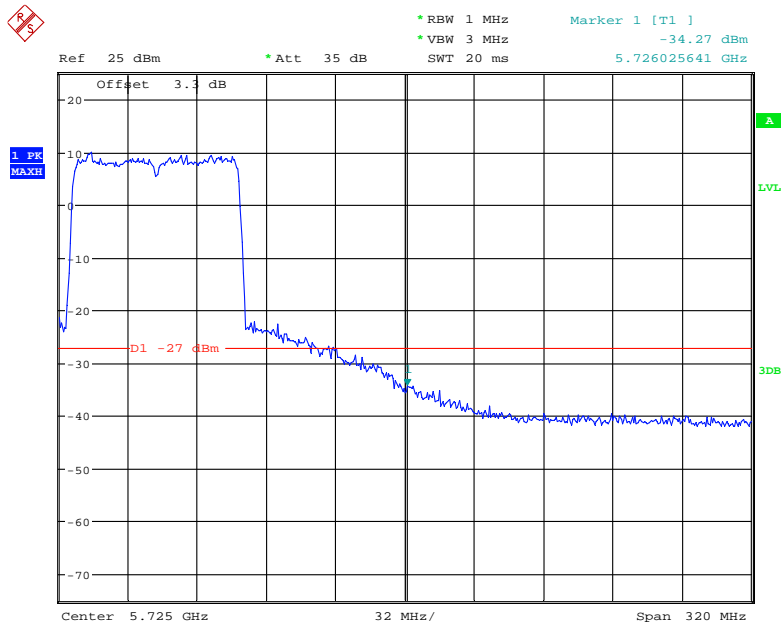
Date: 2.NOV.2017 21:36:31

### Chain 1, 802.11 ac80 Low Channel



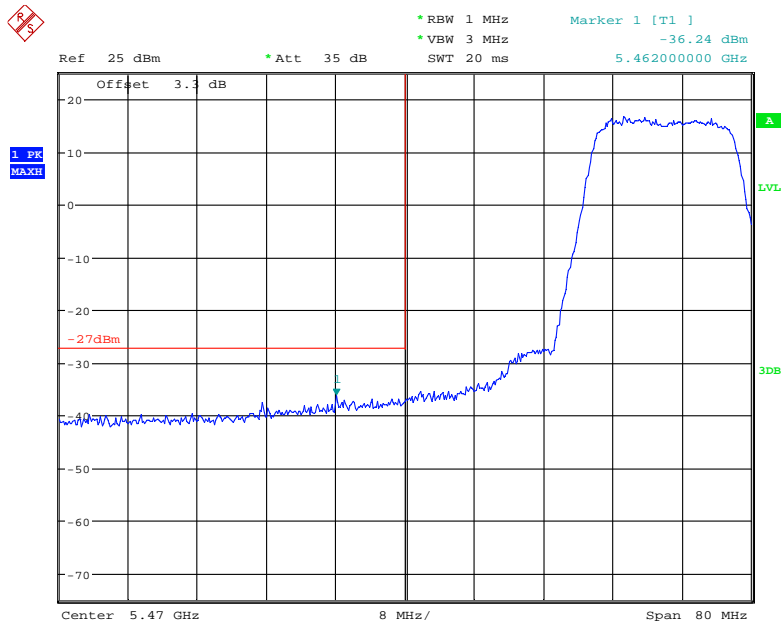
Date: 8.NOV.2017 14:49:42

### Chain 1, 802.11 ac80 5610MHz



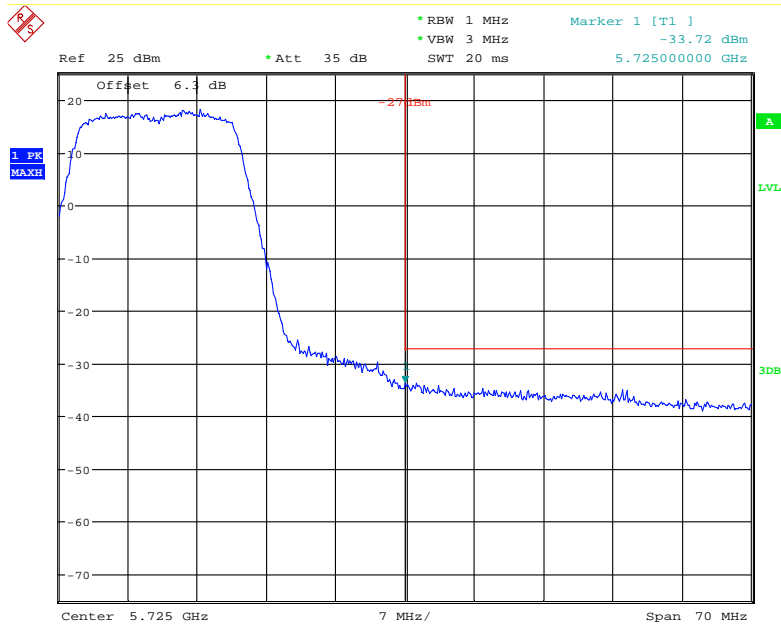
Date: 2.NOV.2017 23:24:26

### Chain 2, 802.11a Low Channel



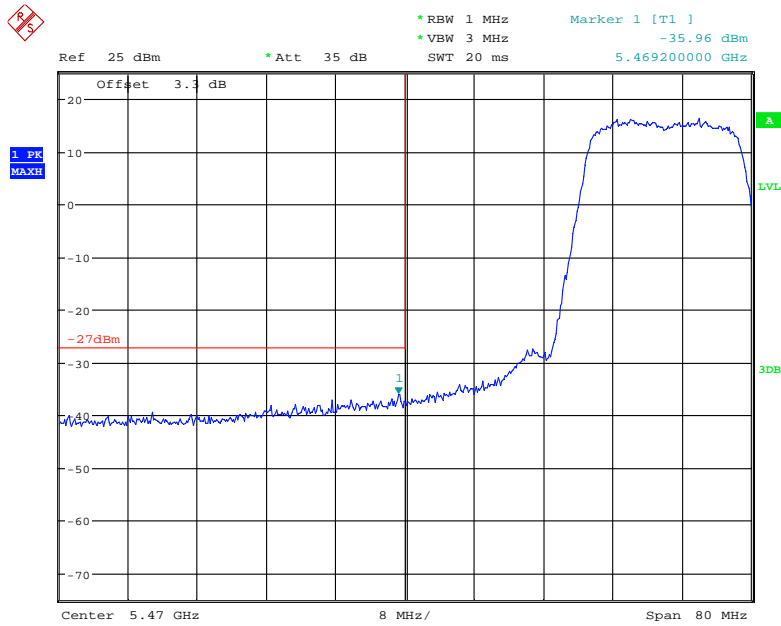
Date: 2.NOV.2017 17:26:50

### Chain 2, 802.11a High Channel



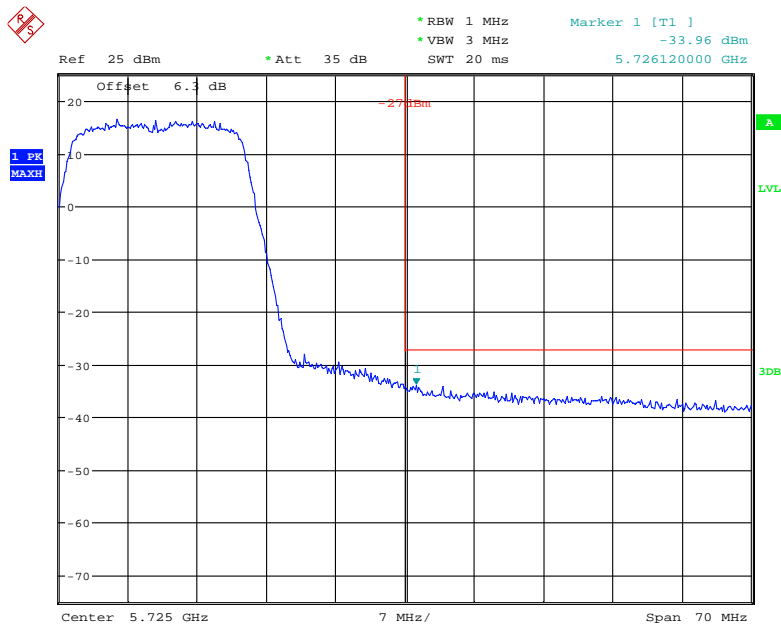
Date: 6.NOV.2017 15:19:47

### Chain 2, 802.11n ht20 Low Channel



Date: 2.NOV.2017 18:25:33

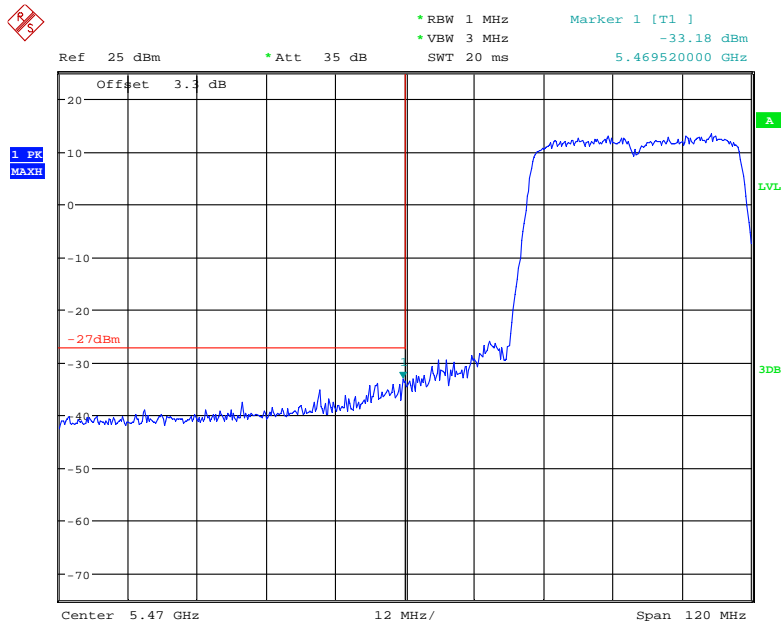
### Chain 2, 802.11n ht20 High Channel



Date: 6.NOV.2017 16:20:16

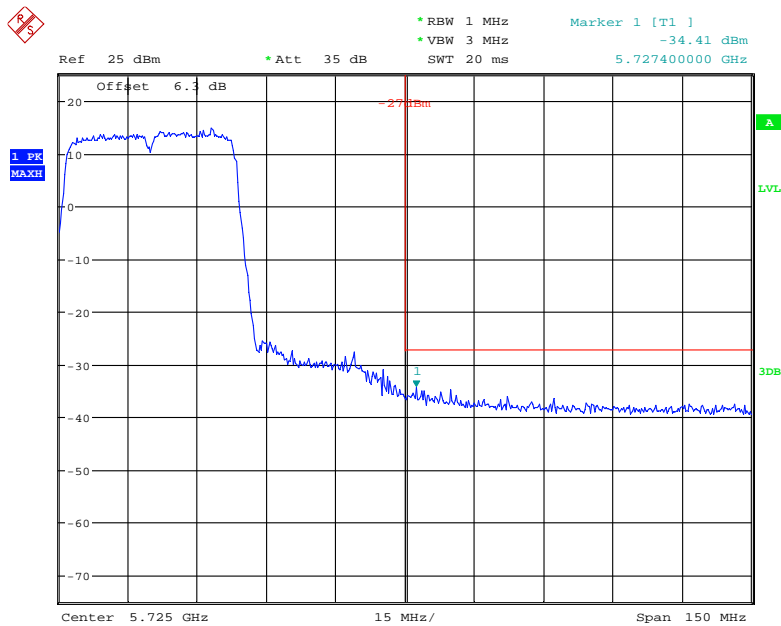


### Chain 2, 802.11n ht40 Low Channel



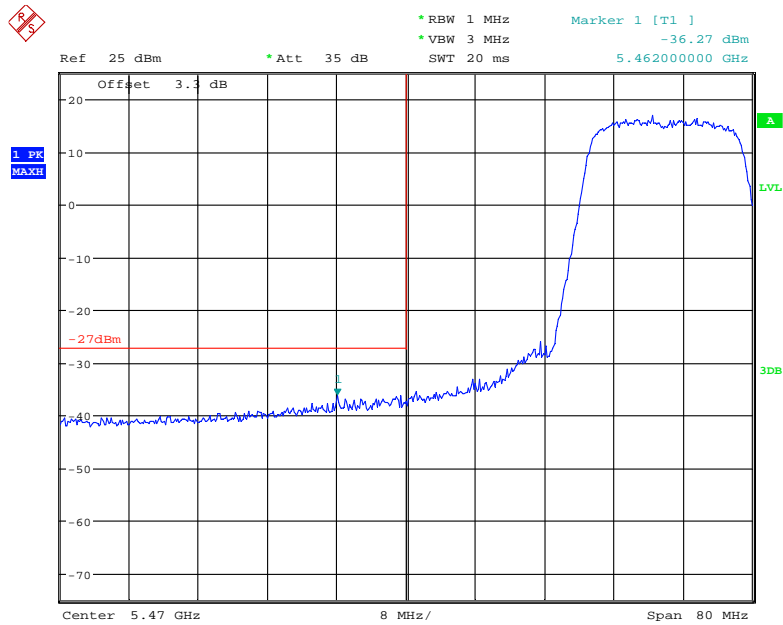
Date: 2.NOV.2017 20:56:46

### Chain 2, 802.11n ht40 High Channel



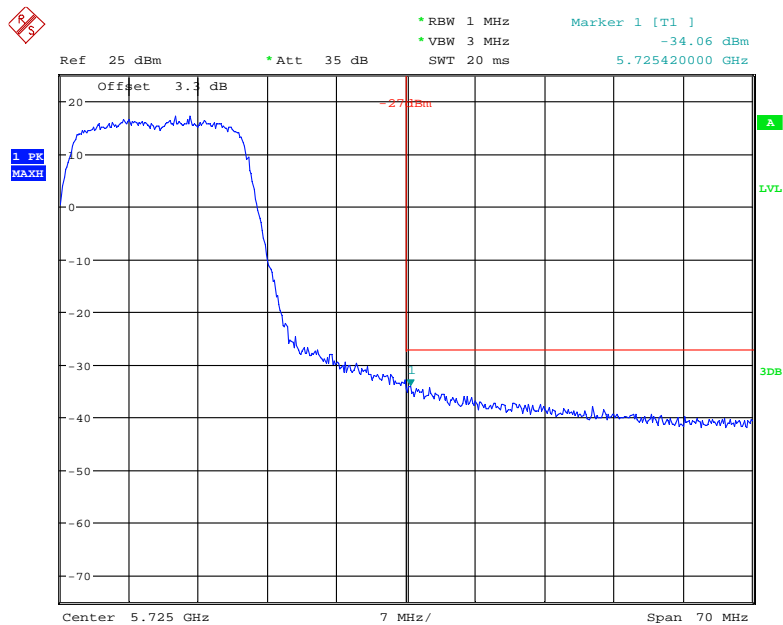
Date: 8.NOV.2017 11:28:51

### Chain 2, 802.11n ac20 Low Channel



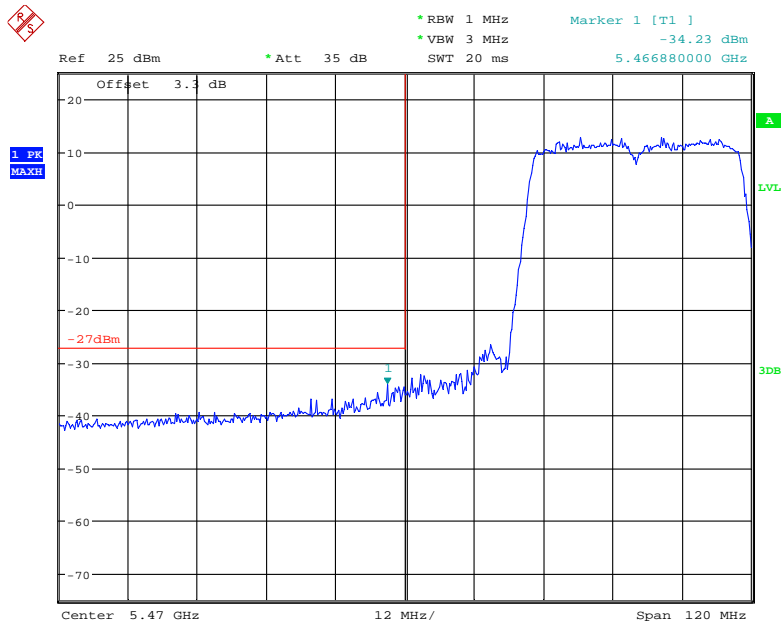
Date: 2.NOV.2017 20:09:28

### Chain 2, 802.11n ac20 High Channel



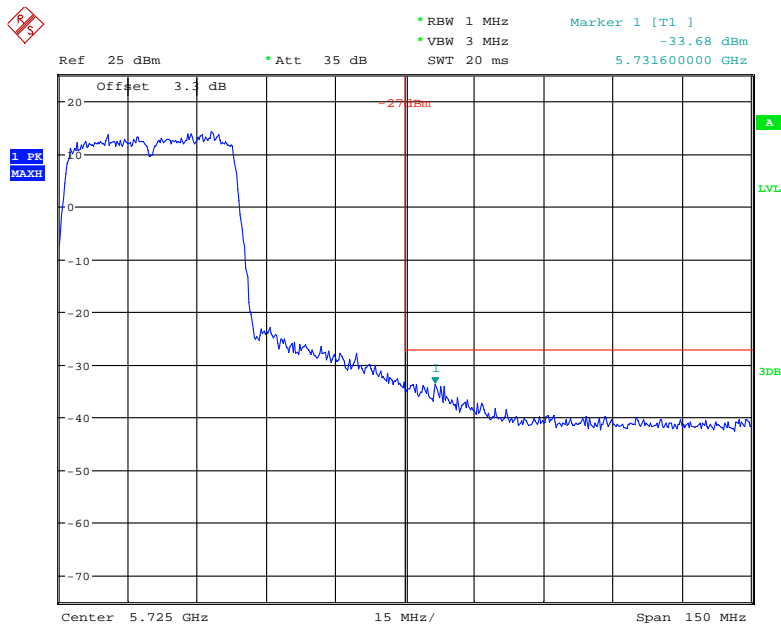
Date: 2.NOV.2017 20:11:08

### Chain 2, 802.11n ac40 Low Channel



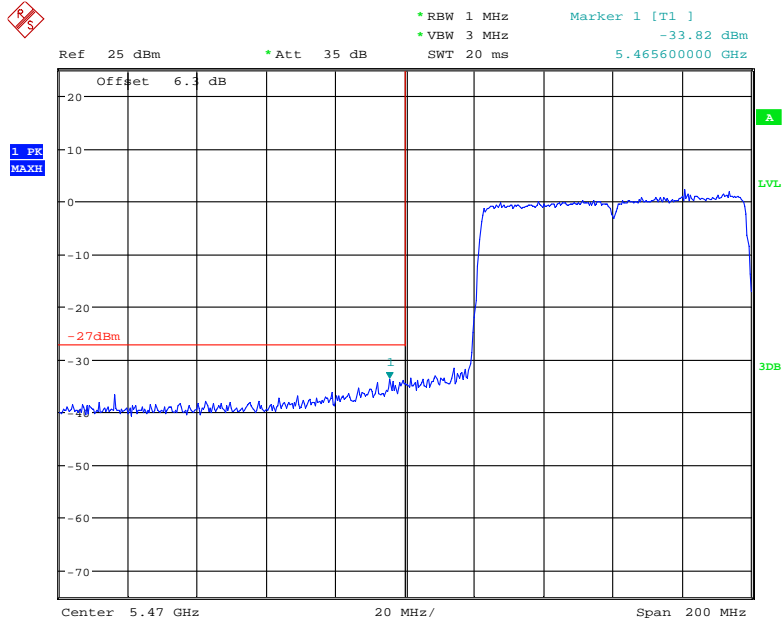
Date: 2.NOV.2017 21:53:59

### Chain 2, 802.11n ac40 High Channel



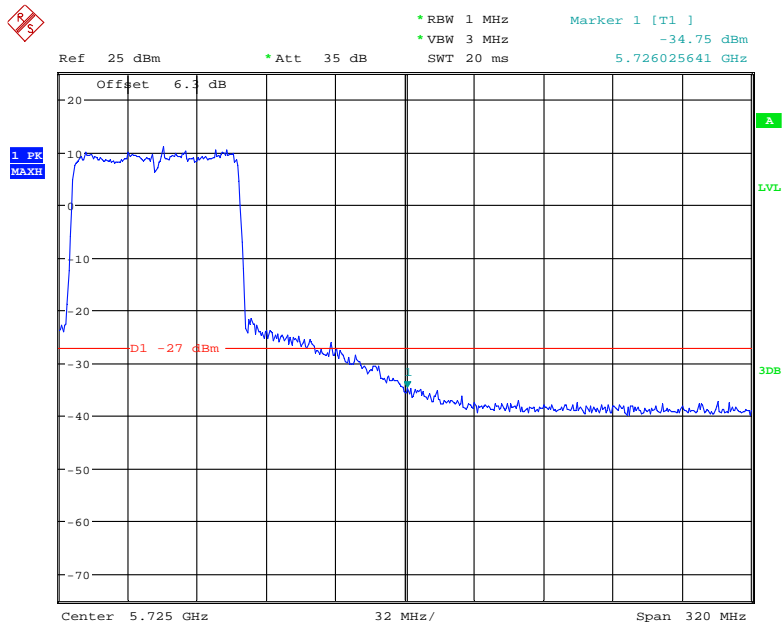
Date: 2.NOV.2017 21:37:28

**Chain 2, 802.11 ac80 Low Channel**



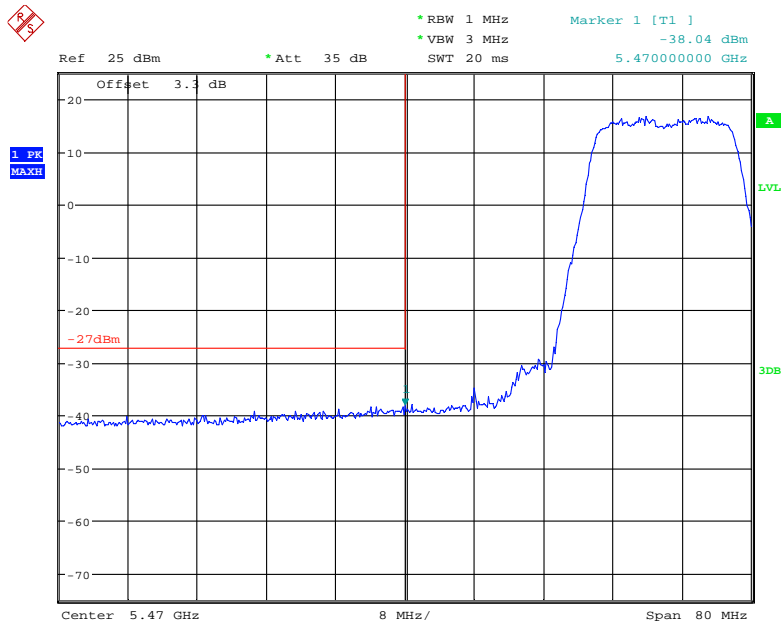
Date: 8.NOV.2017 14:50:21

**Chain 2, 802.11 ac80 5610MHz**



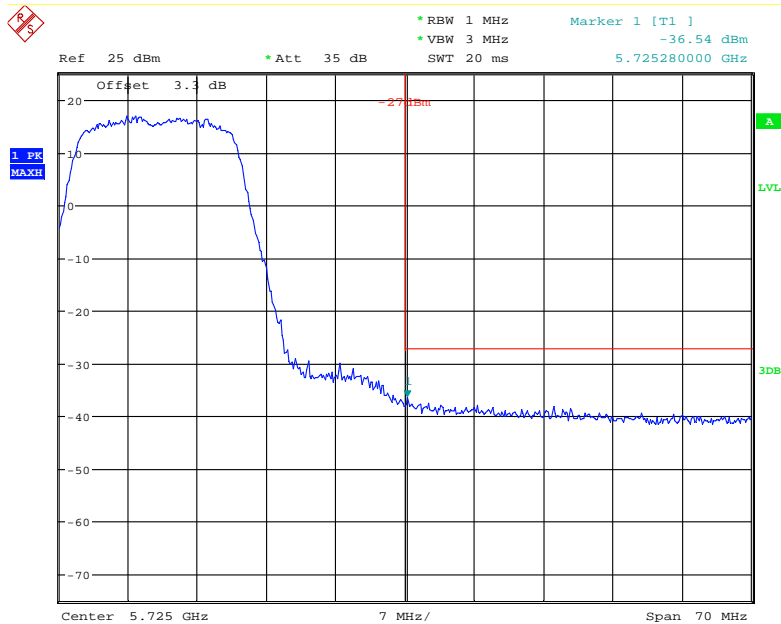
Date: 8.NOV.2017 15:43:20

### Chain 3, 802.11a Low Channel



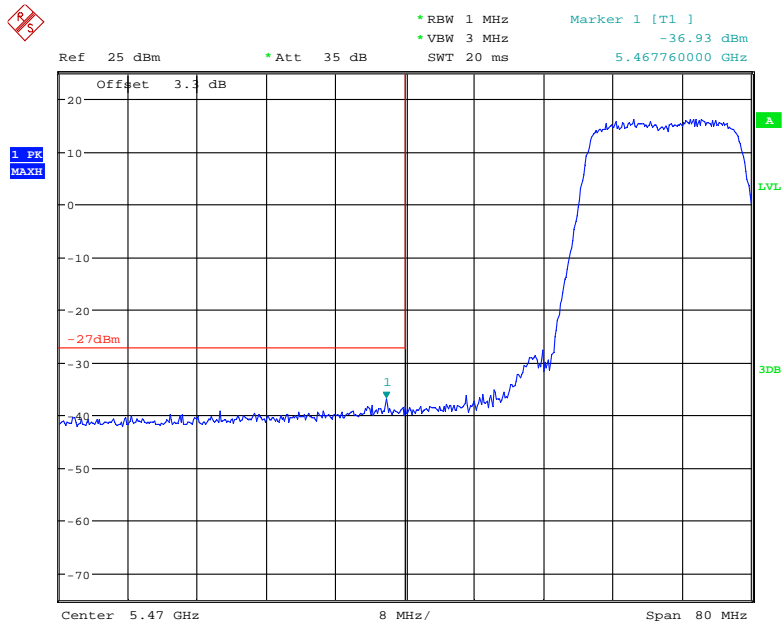
Date: 2.NOV.2017 17:25:46

### Chain 3, 802.11a High Channel



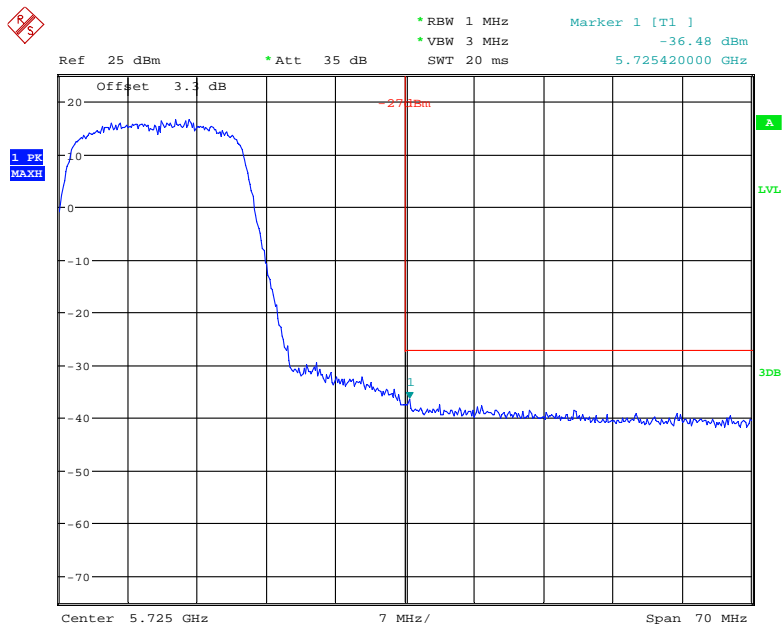
Date: 2.NOV.2017 17:36:32

### Chain 3, 802.11n ht20 Low Channel



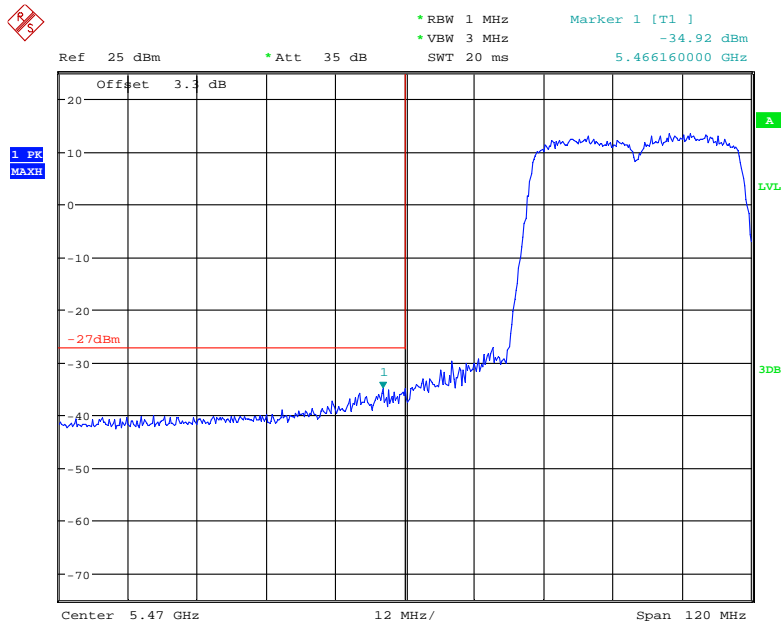
Date: 2.NOV.2017 18:24:38

### Chain 3, 802.11n ht20 High Channel



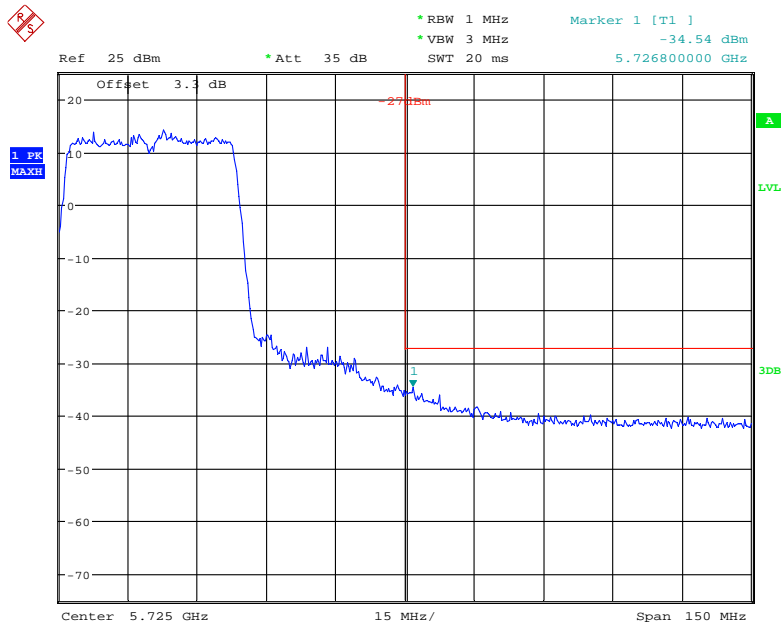
Date: 2.NOV.2017 18:17:03

### Chain 3, 802.11n ht40 Low Channel



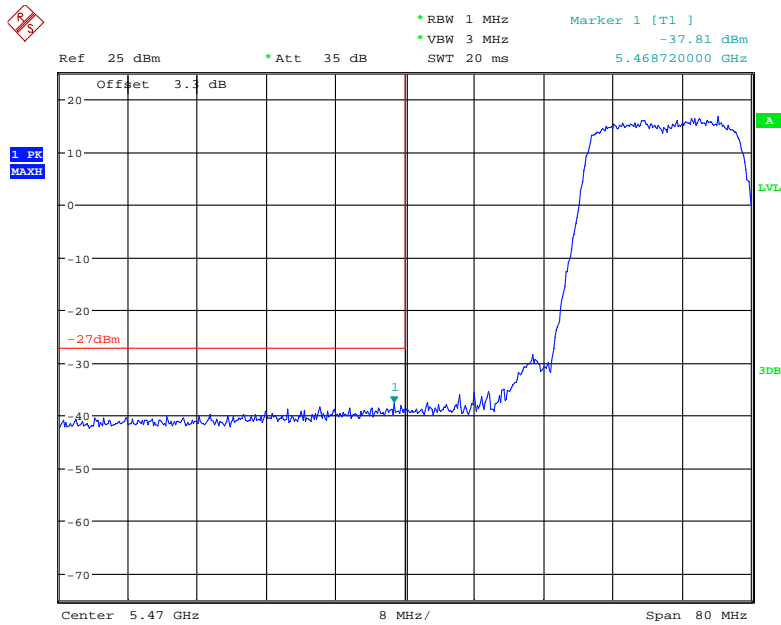
Date: 2.NOV.2017 20:55:49

### Chain 3, 802.11n ht40 High Channel



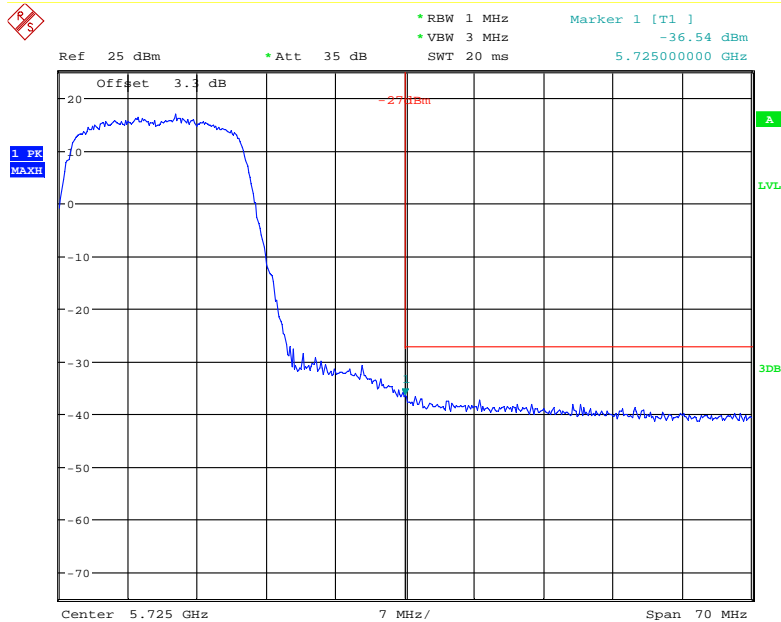
Date: 2.NOV.2017 21:05:08

### Chain 3, 802.11n ac20 Low Channel



Date: 2.NOV.2017 20:13:53

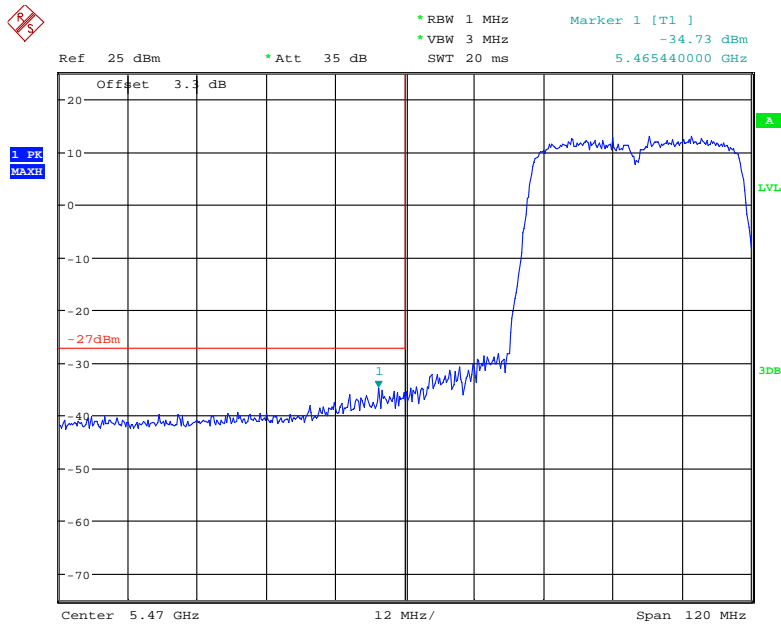
### Chain 3, 802.11n ac20 High Channel



Date: 2.NOV.2017 20:12:18

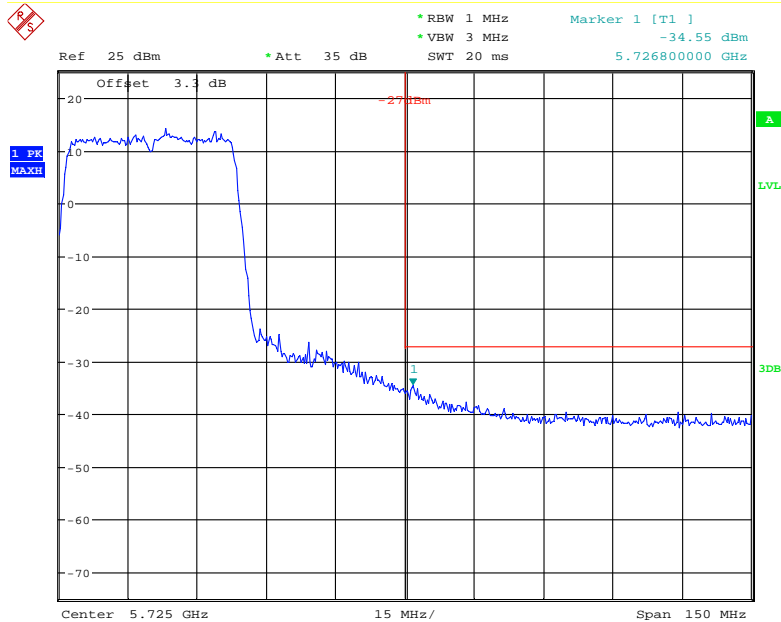


### Chain 3, 802.11n ac40 Low Channel



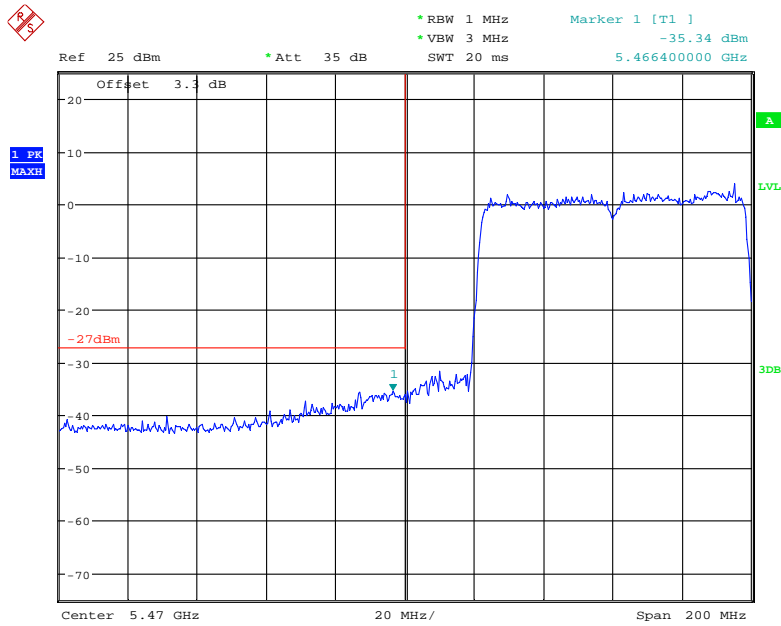
Date: 2.NOV.2017 21:55:03

### Chain 3, 802.11n ac40 High Channel



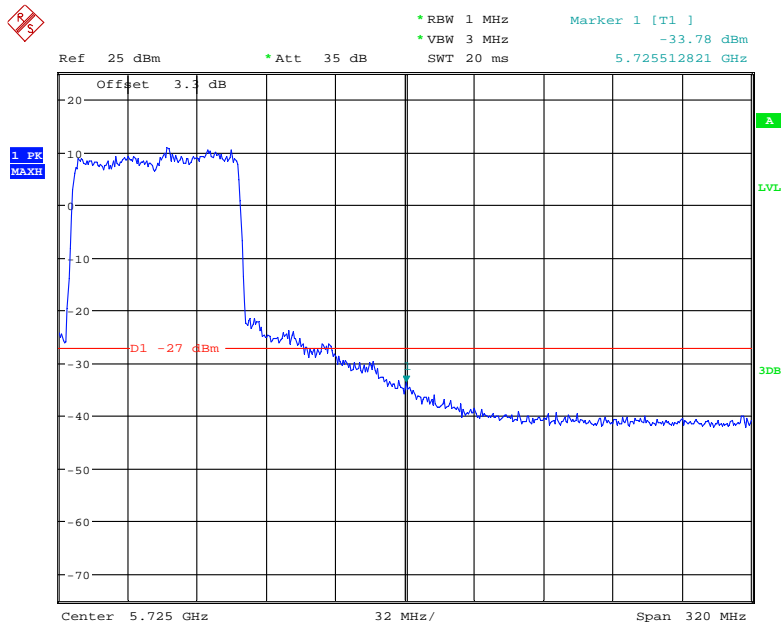
Date: 2.NOV.2017 21:38:35

### Chain 3, 802.11 ac80 Low Channel



Date: 2.NOV.2017 23:01:37

### Chain 3, 802.11 ac80 5610MHz



Date: 2.NOV.2017 23:22:26

## FCC §15.407(a)(e) –EMISSION BANDWIDTH AND OCCUPIED BANDWIDTH

### Applicable Standard

15.407(a) (e)

### Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSU 26	200256	2016-12-08	2017-12-08
Unknown	Coaxial Cable	C-SJ00-0010	C0010/04	Each Time	/

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

### Test Procedure

According to KDB 789033 D02 General UNII Test Procedures New Rules v01r04

### Test Data

#### Environmental Conditions

<b>Temperature:</b>	26.1~26.9 °C
<b>Relative Humidity:</b>	44~52 %
<b>ATM Pressure:</b>	100.8~101.6 kPa

*The testing was performed by Blake Yang from 2017-10-21 to 2017-11-03.*

**Test Result:** Pass.

Please refer to the following tables and plots.

Test mode: Transmitting(Test performed at chain 0)

**Radio 0, 5250-5350MHz:**

Mode	Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11 a	Low	5260	20.20	16.56
	Middle	5300	20.28	16.56
	High	5320	19.72	16.48
802.11n ht20	Low	5260	21.32	17.76
	Middle	5300	21.00	17.68
	High	5320	20.84	17.68
802.11n ht40	Low	5270	39.92	36.48
	High	5310	39.60	36.32
802.11ac20	Low	5260	21.00	17.76
	Middle	5300	20.84	17.68
	High	5320	20.68	17.68
802.11ac40	Low	5270	40.08	36.48
	High	5310	39.44	36.32
802.11ac80	Middle	5290	80.48	75.84

**Radio 1, 5250-5350MHz:**

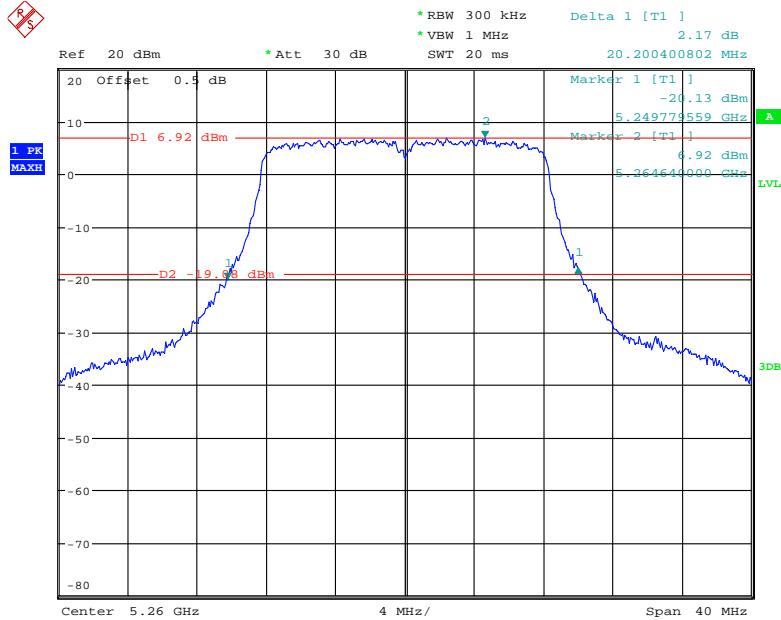
Mode	Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11 a	Low	5260	20.28	16.56
	Middle	5300	21.31	16.64
	High	5320	20.2	16.56
802.11n ht20	Low	5260	21	17.76
	Middle	5300	21.74	17.76
	High	5320	20.76	17.68
802.11n ht40	Low	5270	39.92	36.32
	High	5310	39.6	36.32
802.11ac20	Low	5260	20.84	17.76
	Middle	5300	21.73	17.76
	High	5320	21.24	17.68
802.11ac40	Low	5270	39.92	36.32
	High	5310	39.6	36.32
802.11ac80	Middle	5290	83.05	75.84

**Radio 1, 5470-5725 MHz:**

Mode	Channel	Frequency (MHz)	26 dB Emission Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
802.11 a	Low	5500	20.44	16.56
	Middle	5580	20.84	16.56
	High	5700	20.52	16.56
	High	5720	20.92	16.64
802.11n ht20	Low	5500	21.16	17.76
	Middle	5580	21.24	17.68
	High	5700	20.84	17.68
	High	5720	21.69	17.76
802.11n ht40	Low	5510	39.60	36.32
	Middle	5550	39.76	36.32
	High	5670	39.76	36.16
	High	5710	40.26	36.16
802.11ac20	Low	5500	21.00	17.68
	Middle	5580	21.56	17.68
	High	5700	21.00	17.68
	High	5720	21.50	17.76
802.11ac40	Low	5510	39.76	36.32
	Middle	5550	39.92	36.32
	High	5670	39.76	36.32
	High	5710	40.26	36.16
802.11ac80	Low	5530	84.01	75.84
	Middle	5610	83.33	75.84
	High	5690	83.37	76.16

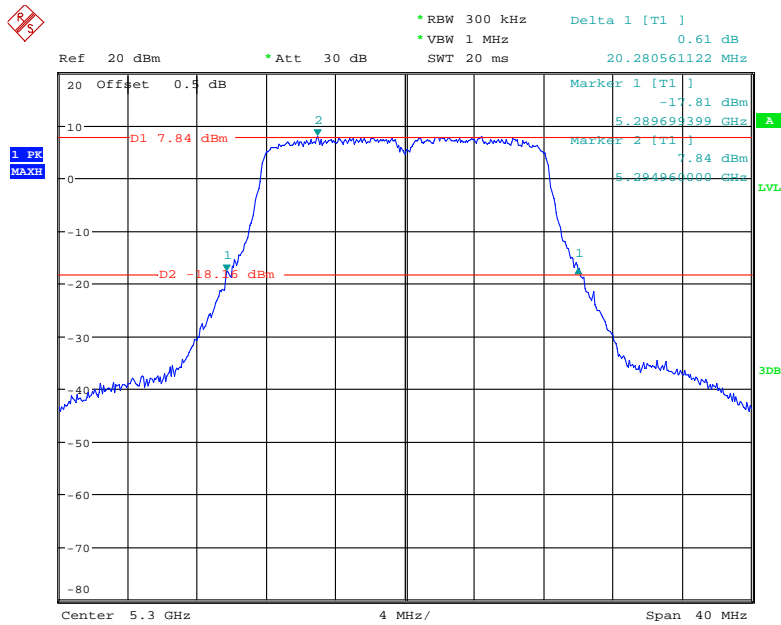
**Radio 0, 5250-5350MHz:  
26dB Emission Bandwidth:**

**802.11a Low Channel**



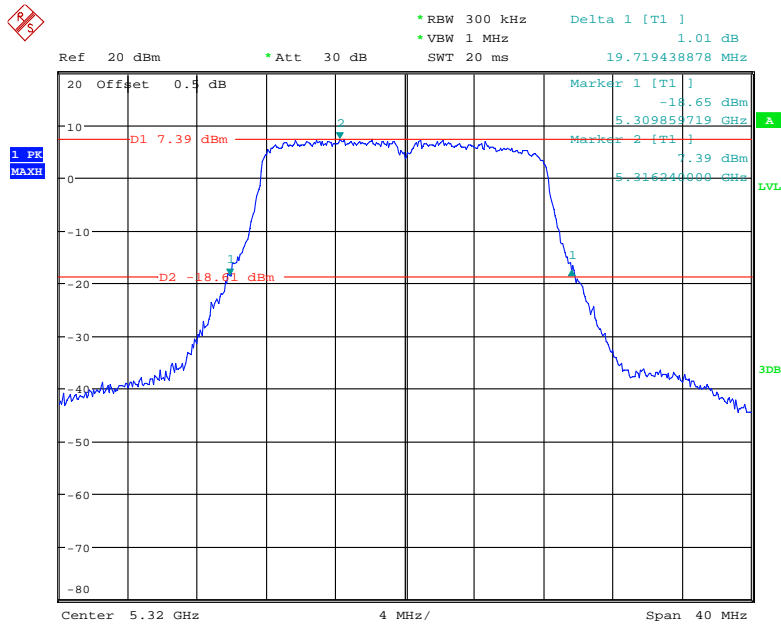
Date: 21.OCT.2017 10:16:26

**802.11a Middle Channel**



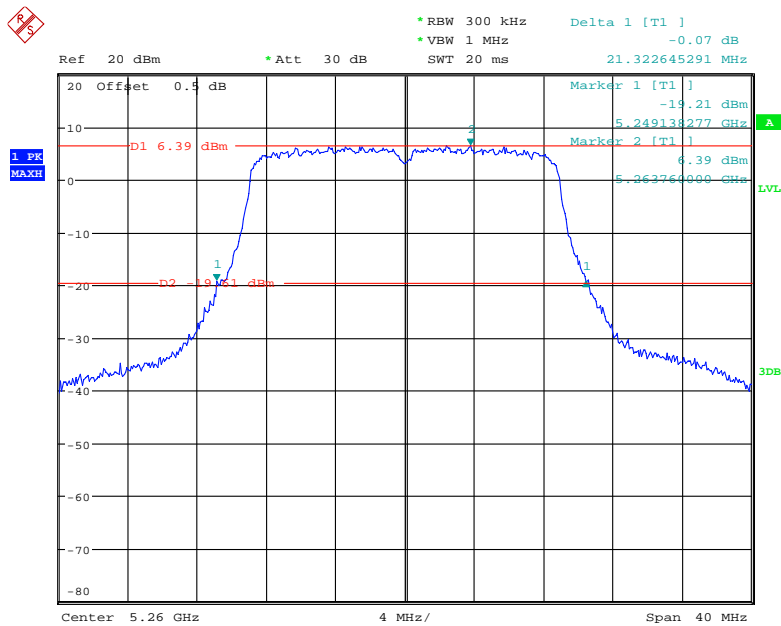
Date: 31.OCT.2017 16:59:10

### 802.11a High Channel



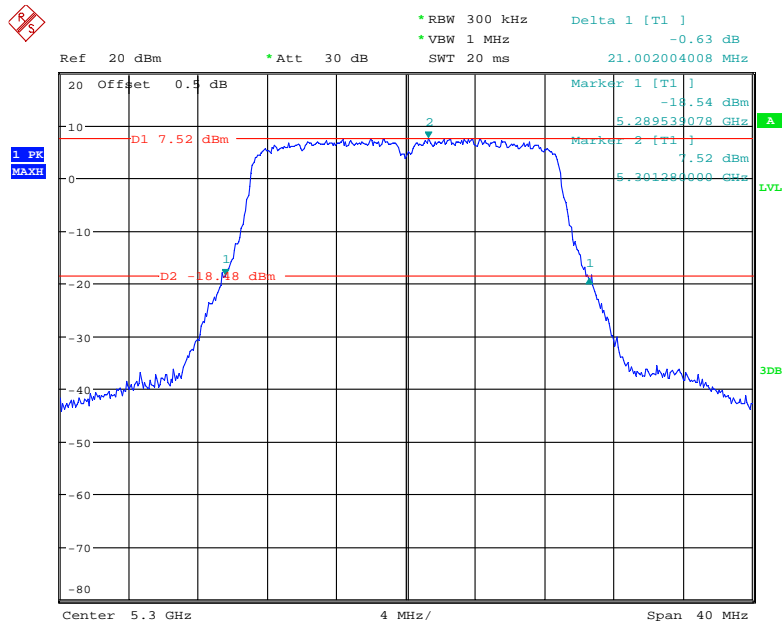
Date: 21.OCT.2017 10:23:18

### 802.11n ht20 Low Channel



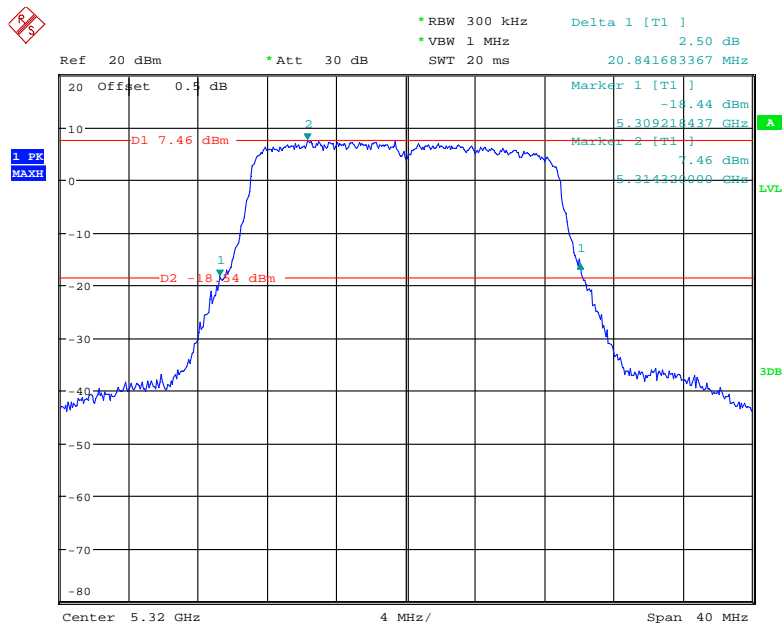
Date: 21.OCT.2017 10:34:20

### 802.11n ht20 Middle Channel



Date: 31.OCT.2017 16:57:20

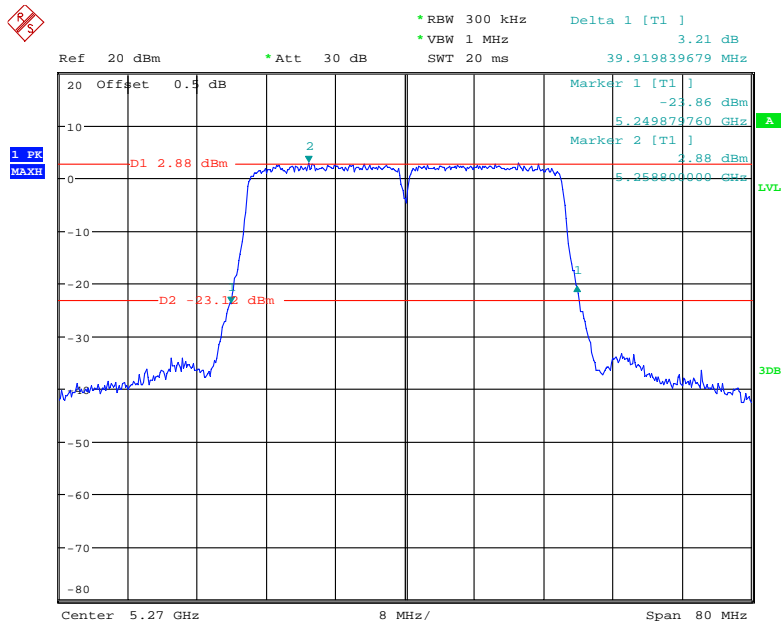
### 802.11n ht20 High Channel



Date: 21.OCT.2017 10:59:22

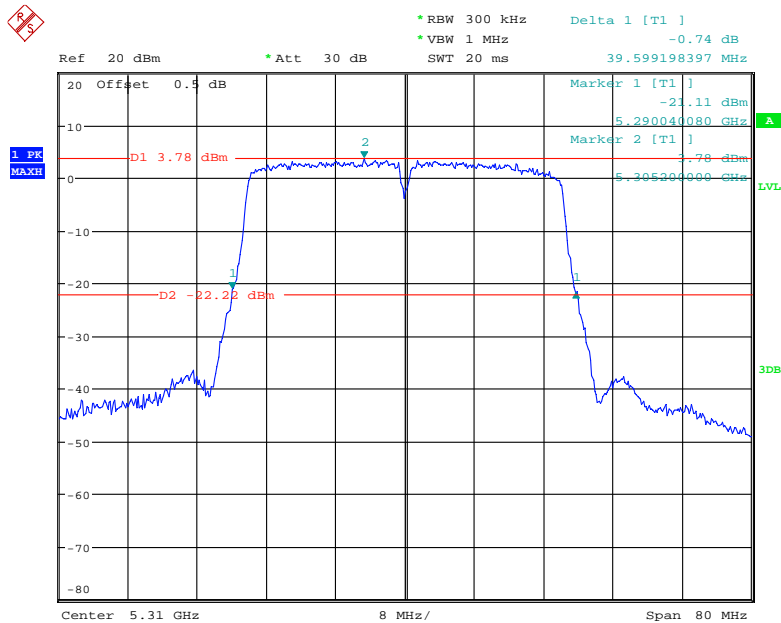


### 802.11n ht40 Low Channel



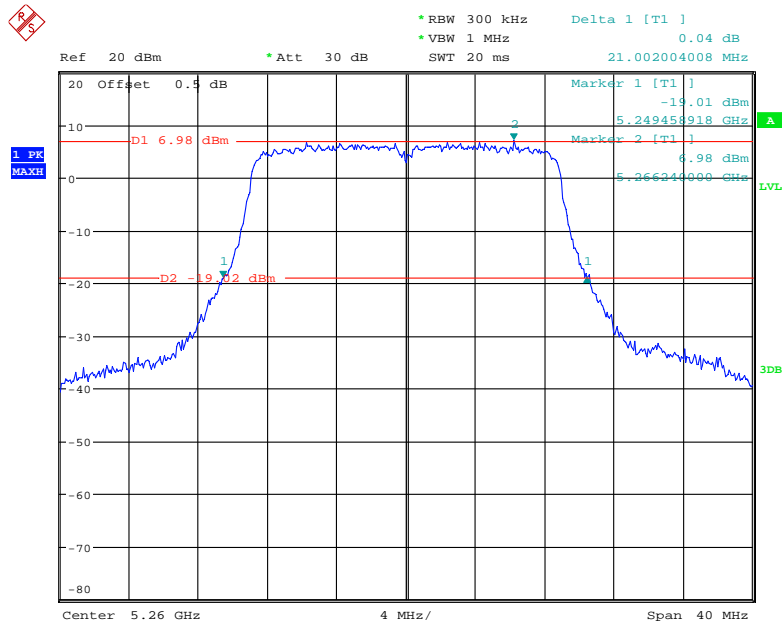
Date: 21.OCT.2017 11:32:16

### 802.11n ht40 High Channel



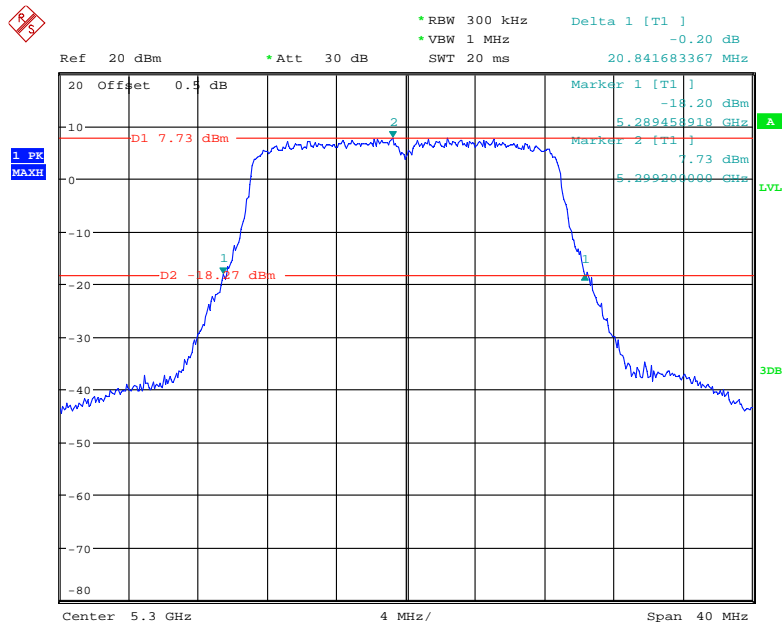
Date: 21.OCT.2017 11:34:26

### 802.11n ac20 Low Channel



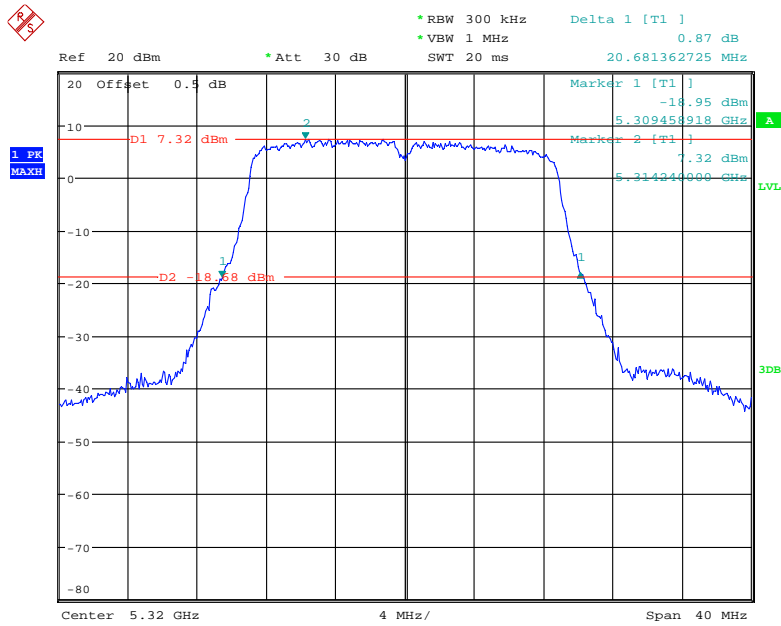
Date: 21.OCT.2017 10:49:39

### 802.11n ac20 Middle Channel



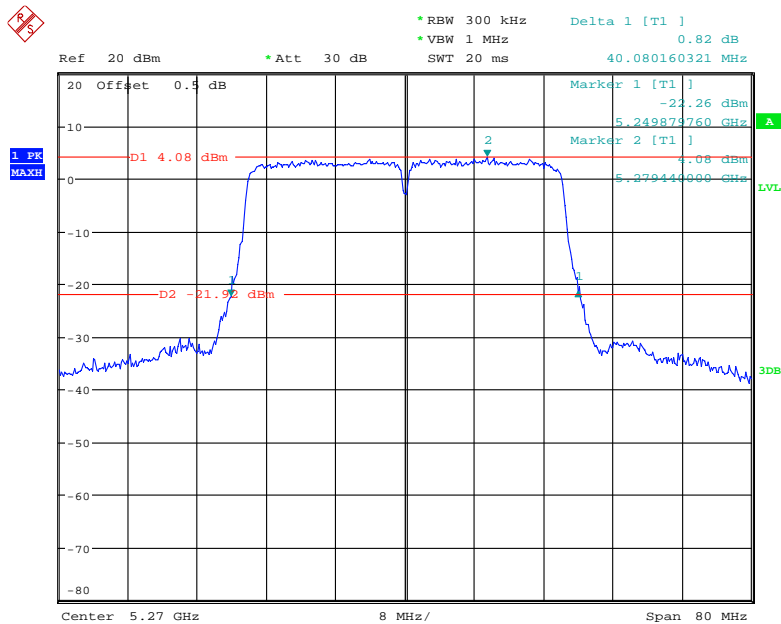
Date: 31.OCT.2017 16:55:27

### 802.11n ac20 High Channel



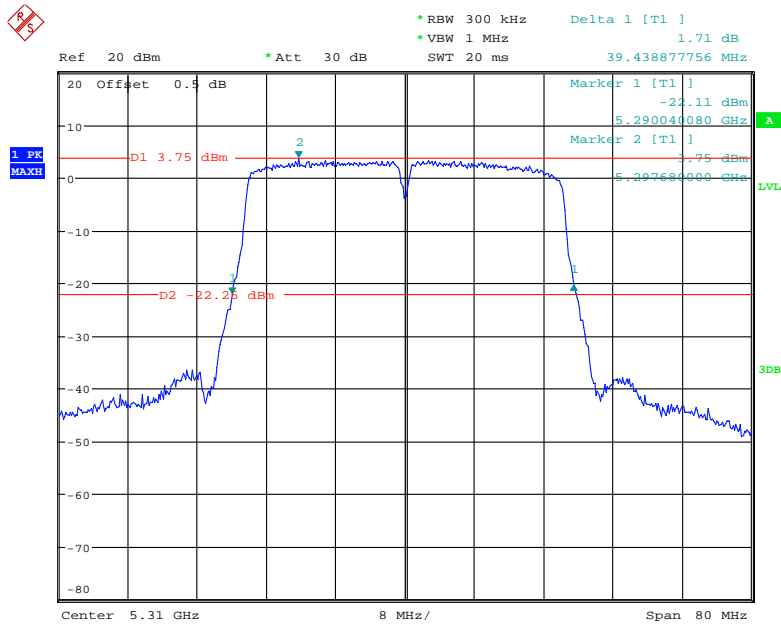
Date: 21.OCT.2017 10:52:55

### 802.11n ac40 Low Channel



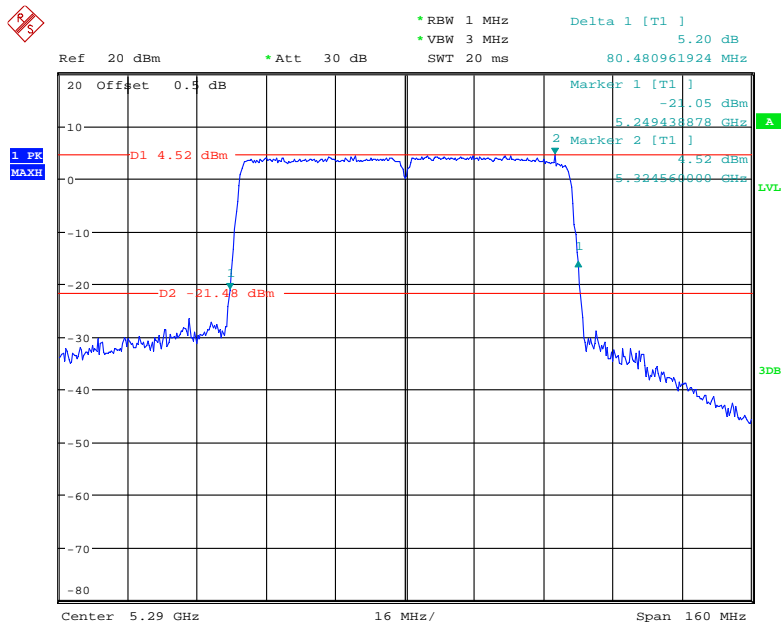
Date: 21.OCT.2017 11:10:35

### 802.11n ac40 High Channel



Date: 21.OCT.2017 11:36:06

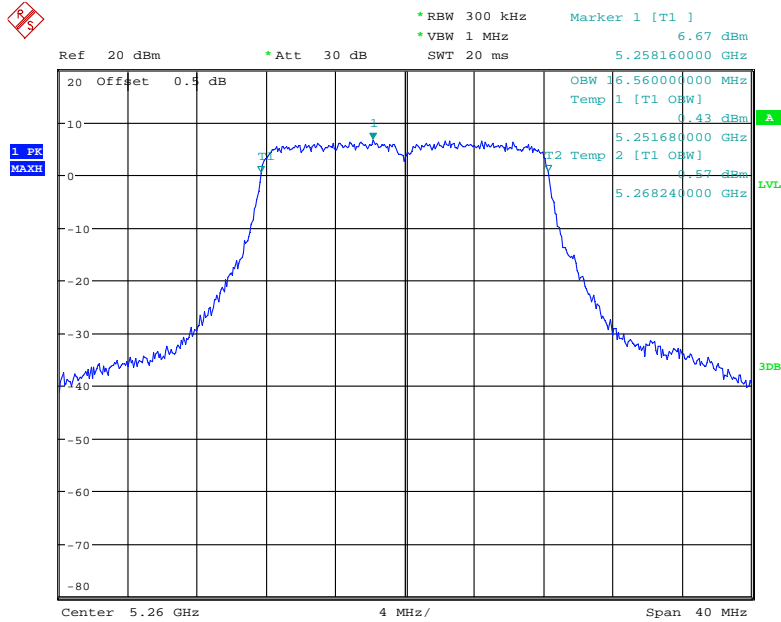
### 802.11ac80 Middle Channel



Date: 21.OCT.2017 11:26:11

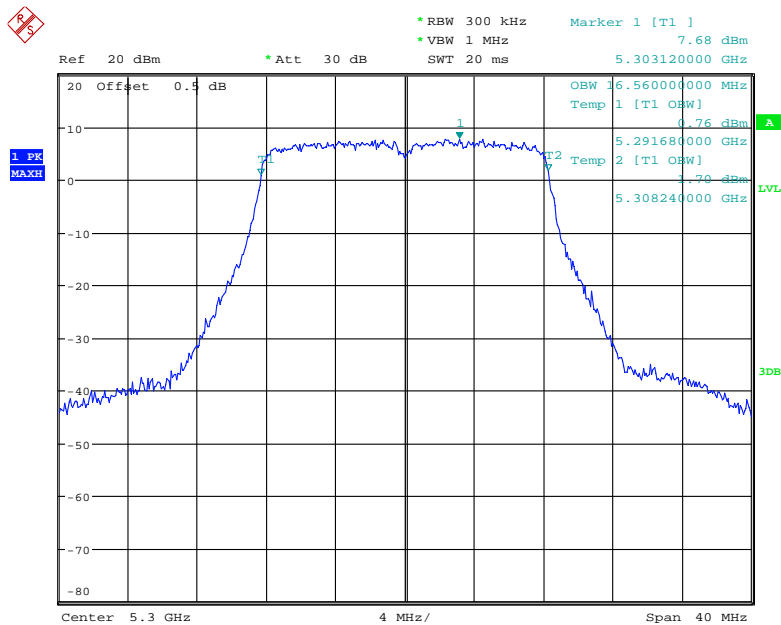
99% Occupied Bandwidth

802.11a Low Channel



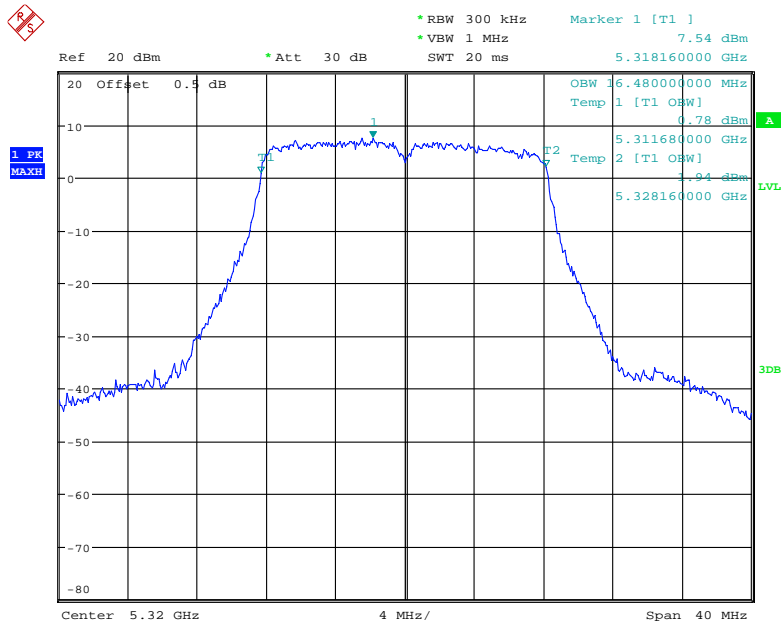
Date: 21.OCT.2017 10:16:38

802.11a Middle Channel



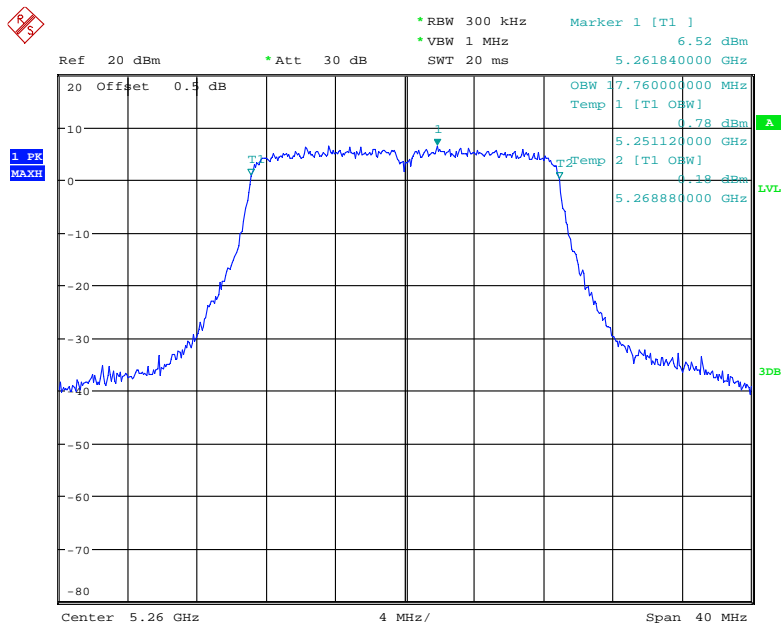
Date: 31.OCT.2017 16:59:22

### 802.11a High Channel



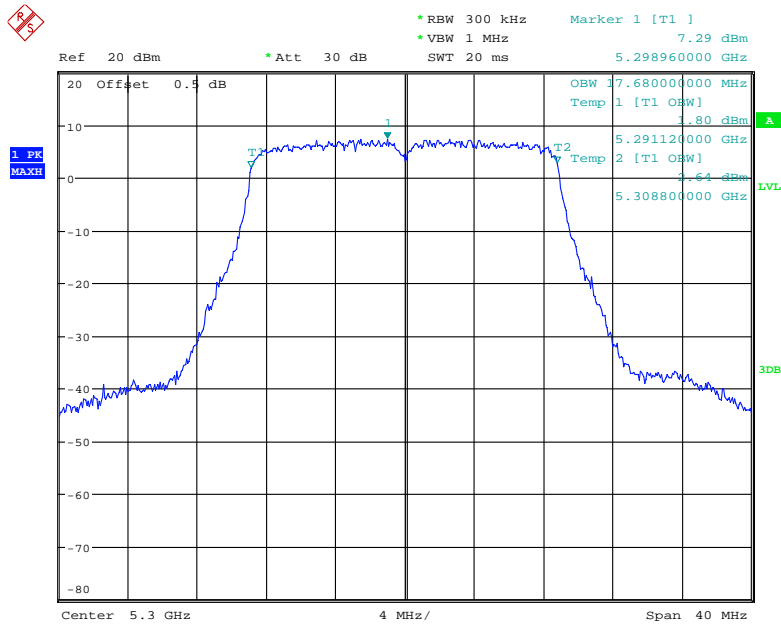
Date: 21.OCT.2017 10:23:31

### 802.11n ht20 Low Channel



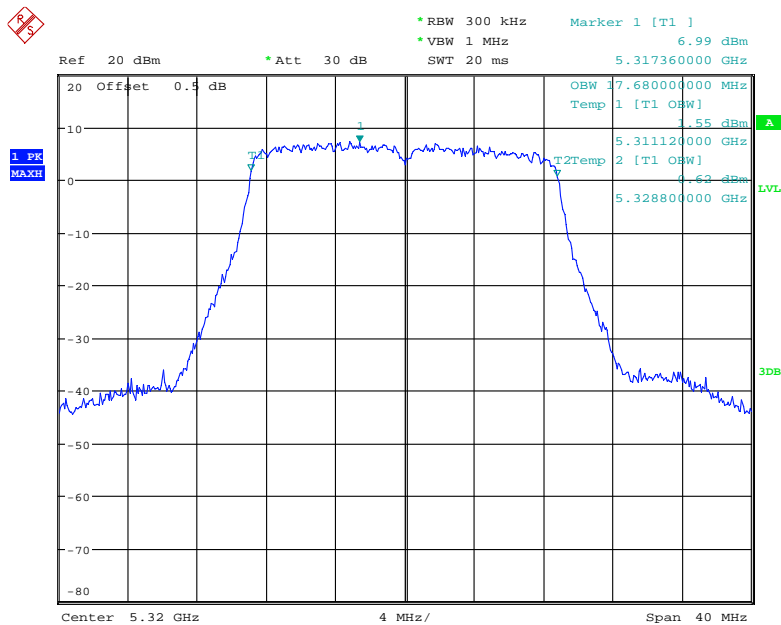
Date: 21.OCT.2017 10:34:32

### 802.11n ht20 Middle Channel



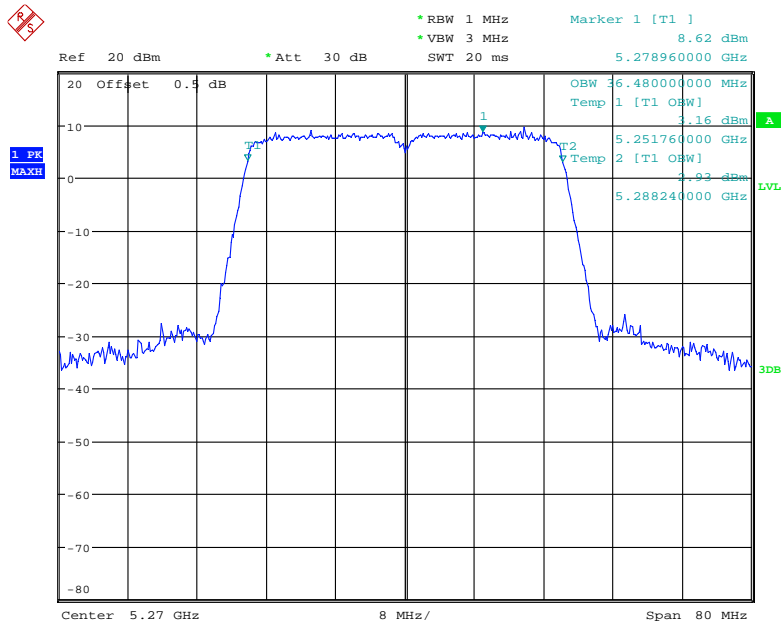
Date: 31.OCT.2017 16:57:34

### 802.11n ht20 High Channel



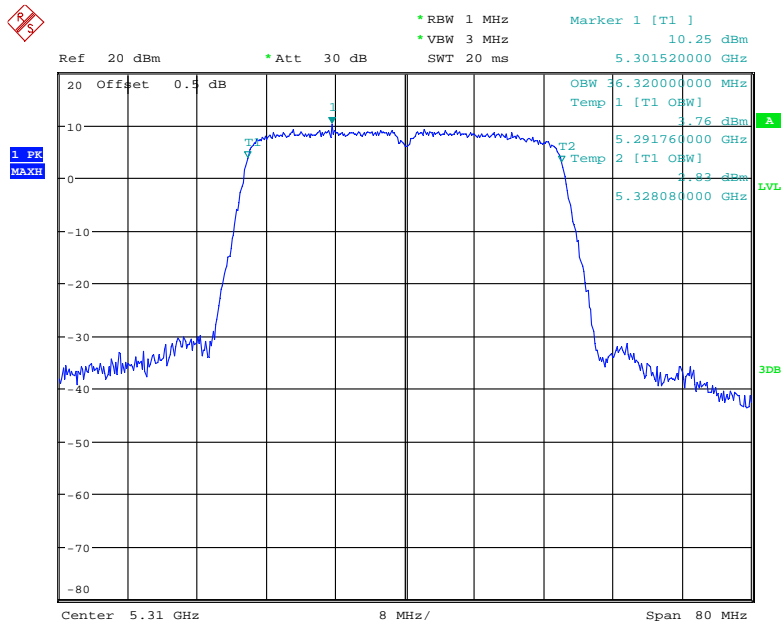
Date: 21.OCT.2017 10:59:34

### 802.11n ht40 Low Channel



Date: 21.OCT.2017 11:32:29

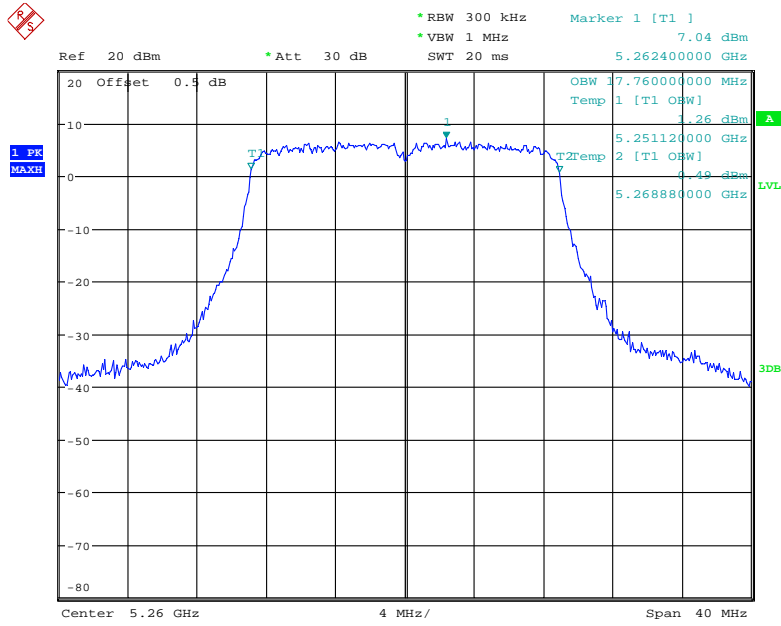
### 802.11n ht40 High Channel



Date: 21.OCT.2017 11:34:40

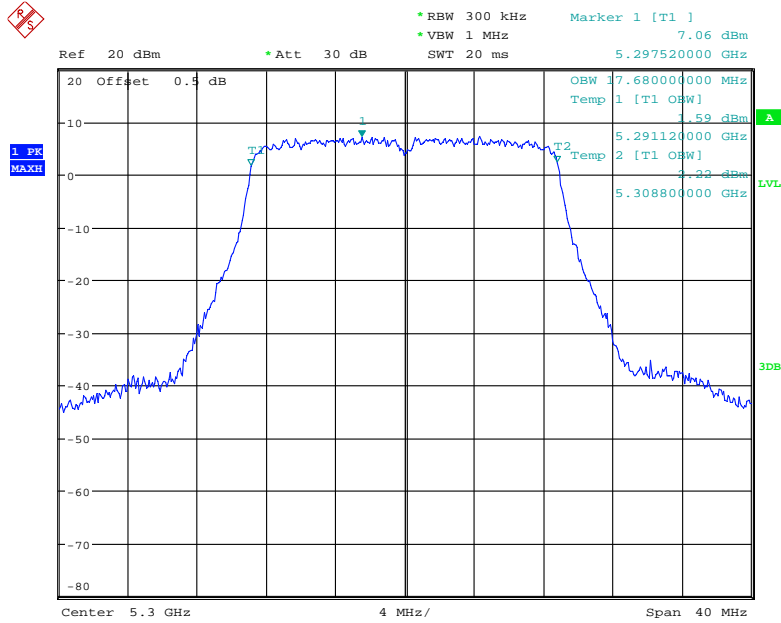


### 802.11n ac20 Low Channel



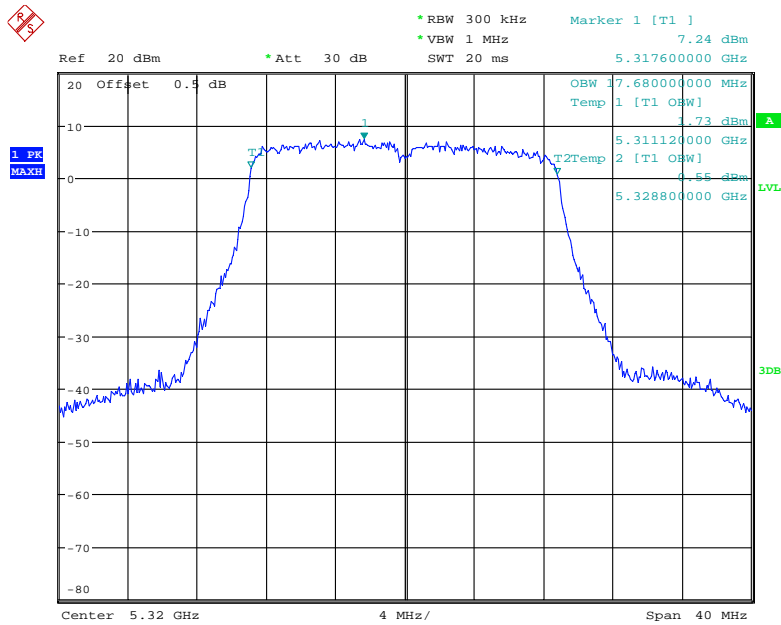
Date: 21.OCT.2017 10:49:53

### 802.11n ac20 Middle Channel



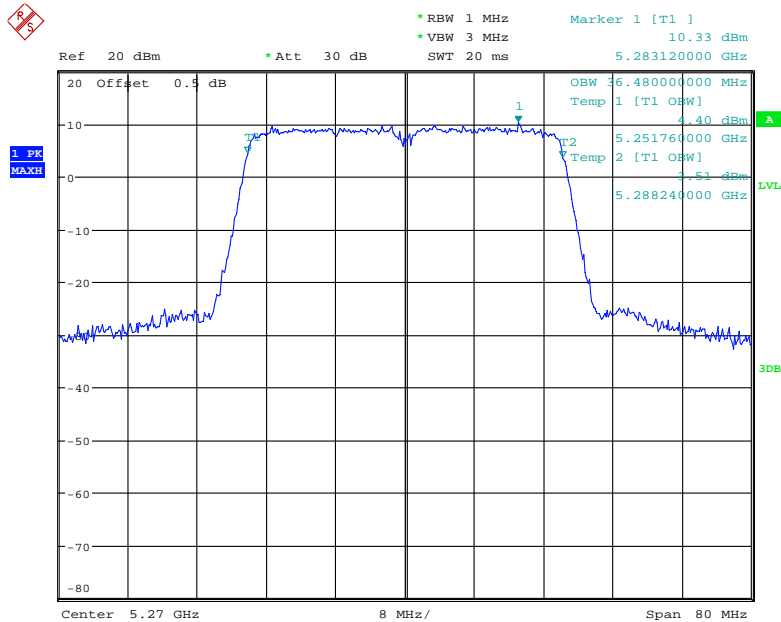
Date: 31.OCT.2017 16:55:39

### 802.11n ac20 High Channel



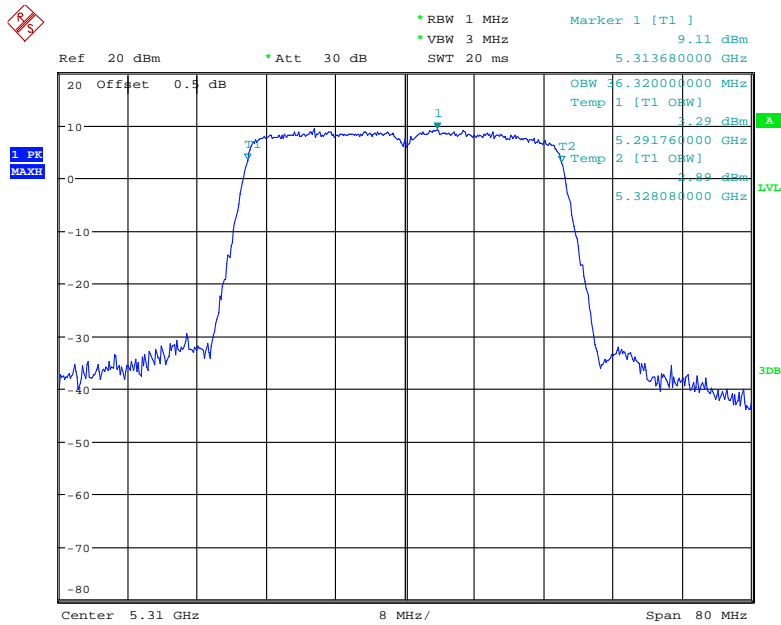
Date: 21.OCT.2017 10:53:07

### 802.11n ac40 Low Channel



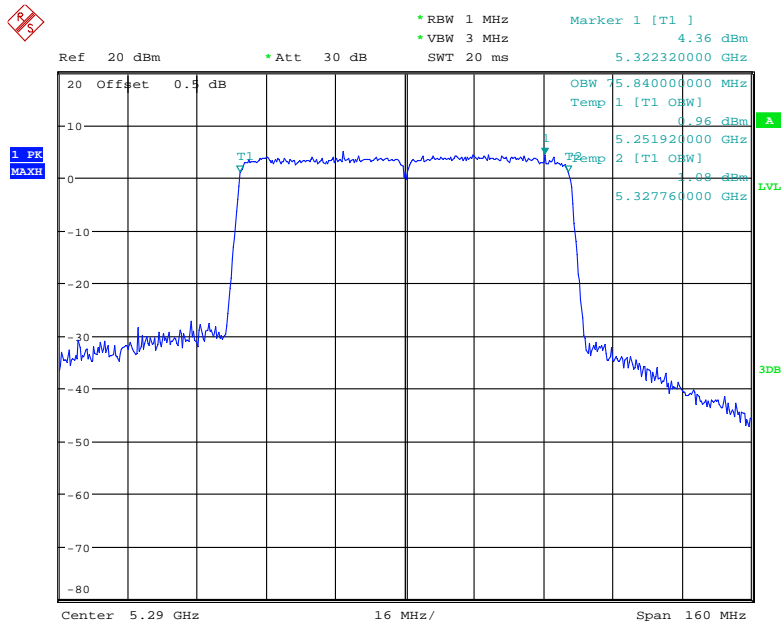
Date: 21.OCT.2017 11:10:47

### 802.11n ac40 High Channel



Date: 21.OCT.2017 11:36:18

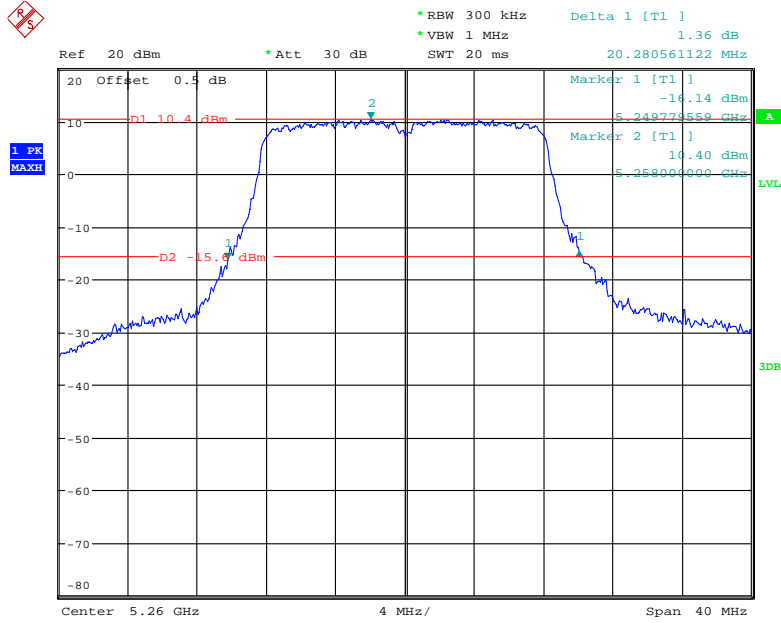
### 802.11ac80 Middle Channel



Date: 21.OCT.2017 11:26:25

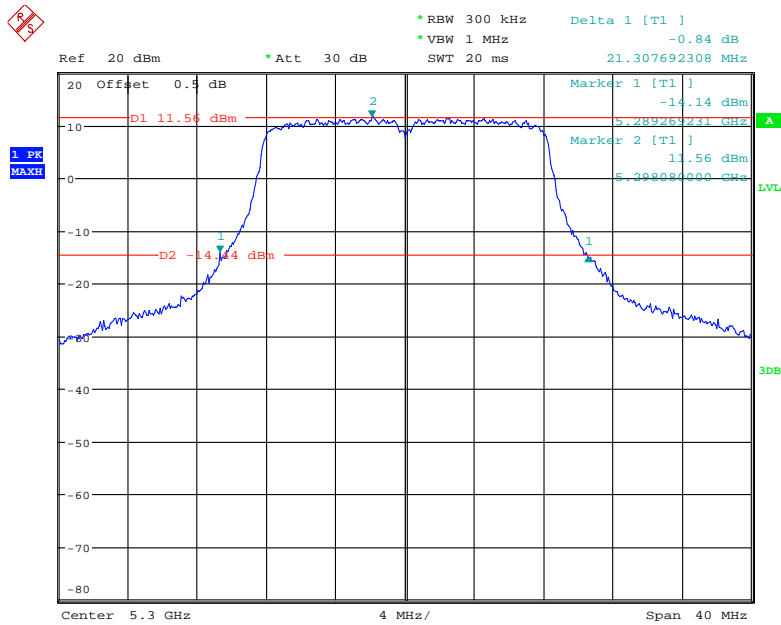
**Radio 1, 5250-5350 MHz:  
26dB Emission Bandwidth:**

**802.11a Low Channel**



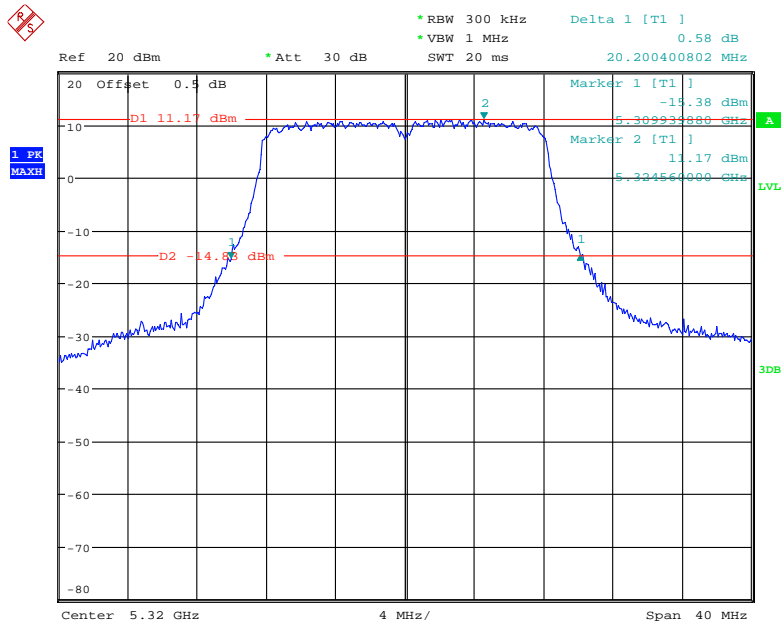
Date: 29.OCT.2017 10:41:25

**802.11a Middle Channel**



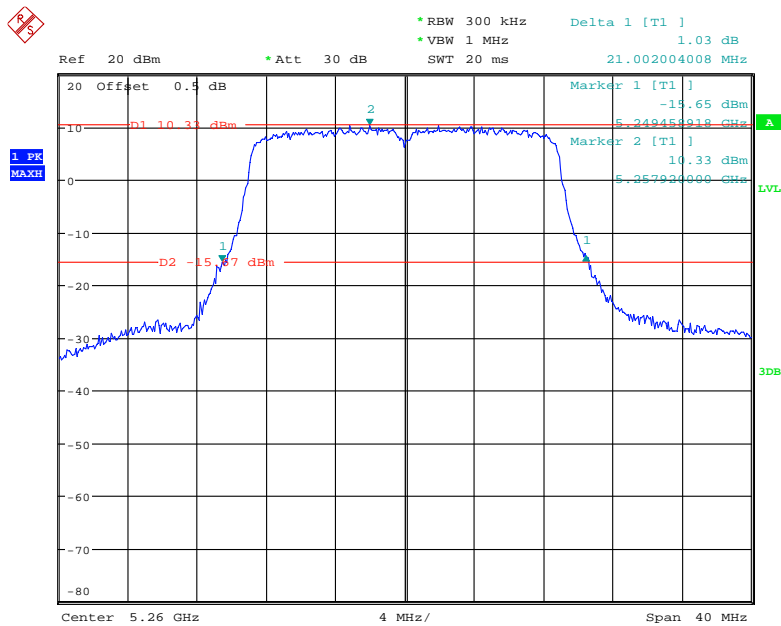
Date: 30.OCT.2017 23:39:15

### 802.11a High Channel



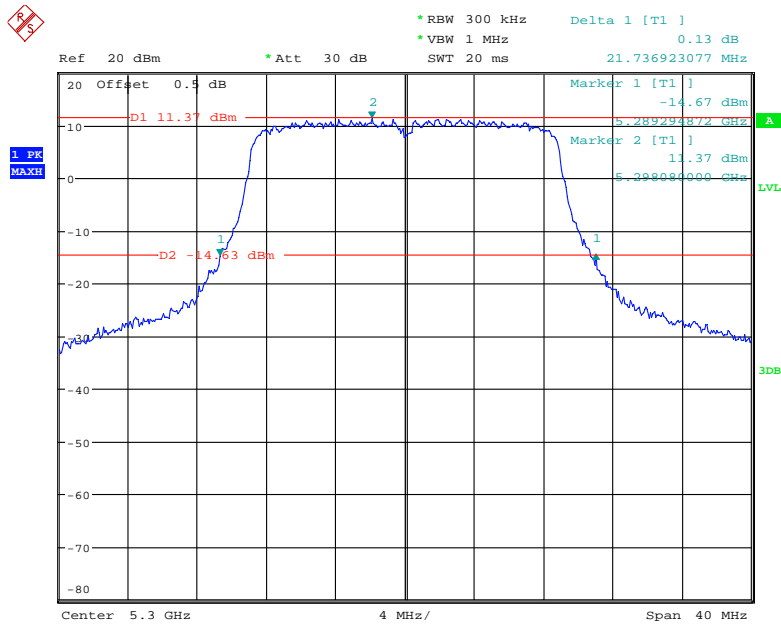
Date: 29.OCT.2017 10:43:36

### 802.11n ht20 Low Channel



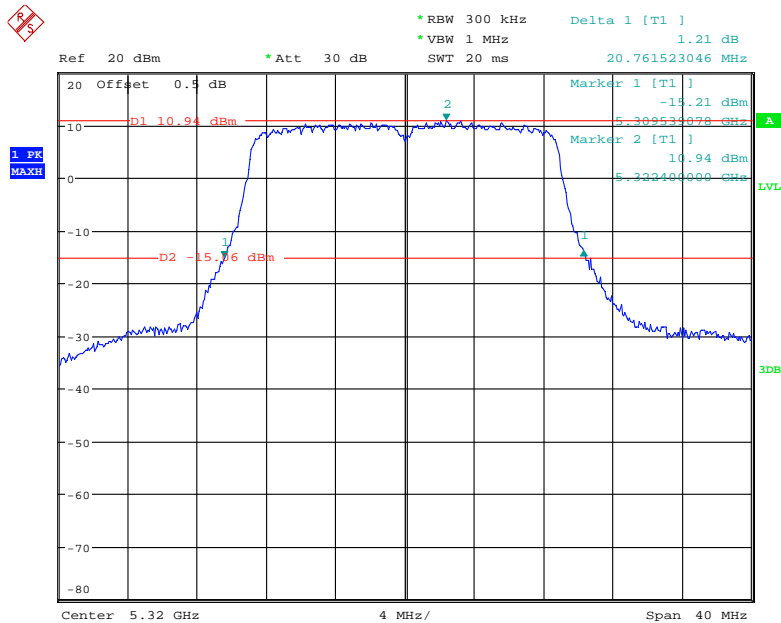
Date: 29.OCT.2017 14:09:00

### 802.11n ht20 Middle Channel



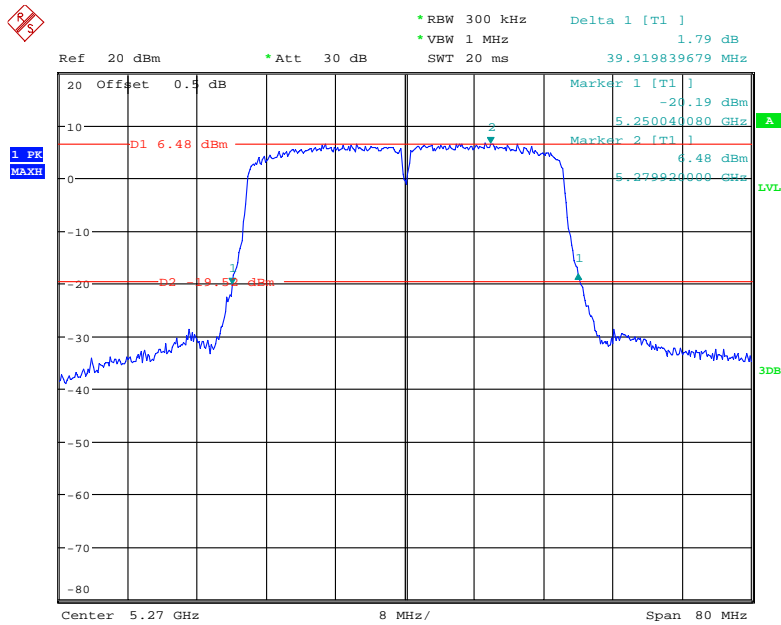
Date: 30.OCT.2017 23:45:37

### 802.11n ht20 High Channel



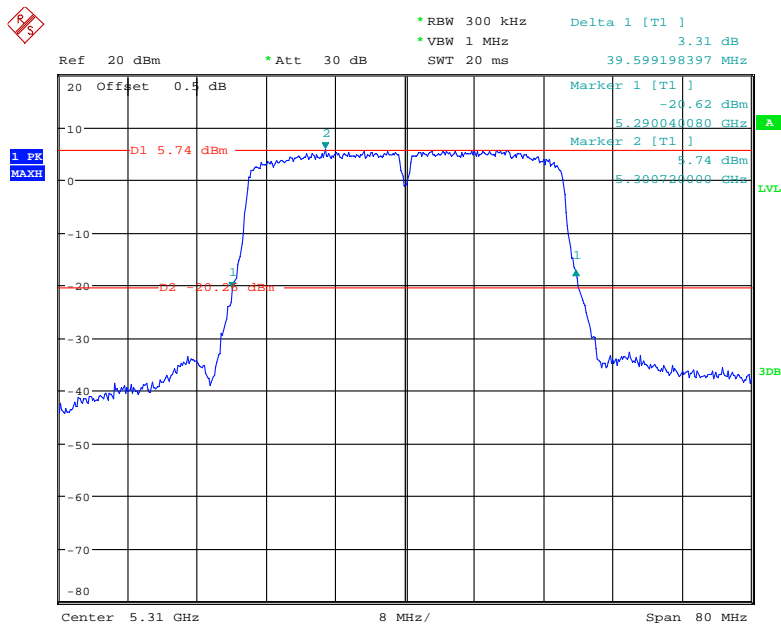
Date: 29.OCT.2017 14:07:24

### 802.11n ht40 Low Channel



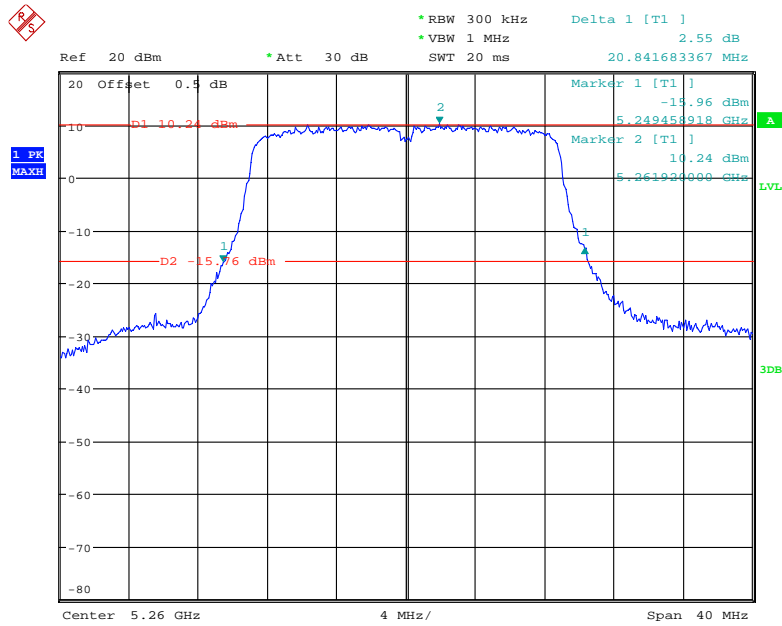
Date: 29.OCT.2017 17:54:00

### 802.11n ht40 High Channel



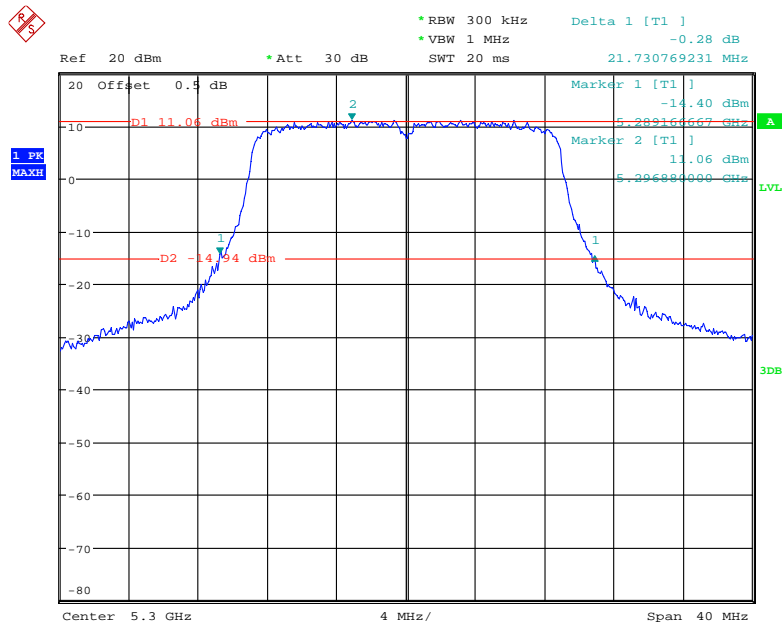
Date: 29.OCT.2017 17:52:28

### 802.11n ac20 Low Channel



Date: 29.OCT.2017 14:19:10

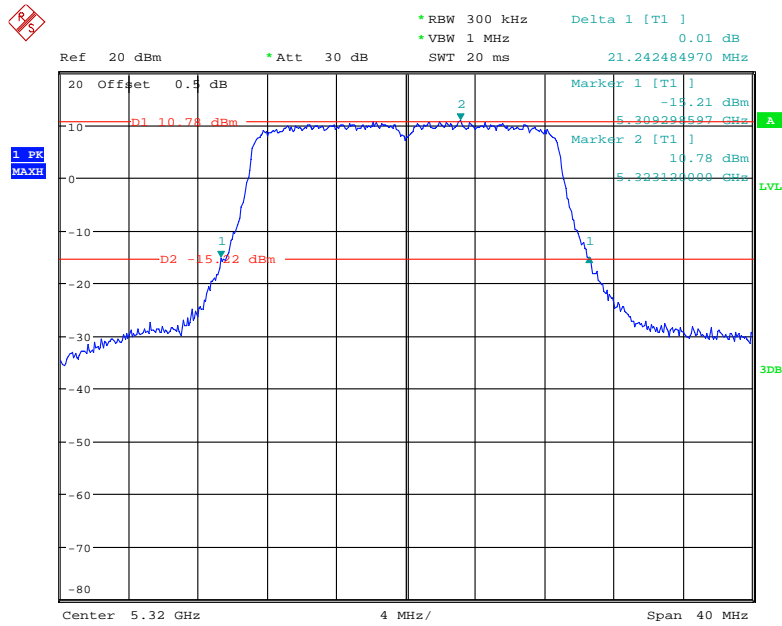
### 802.11n ac20 Middle Channel



Date: 30.OCT.2017 23:44:40

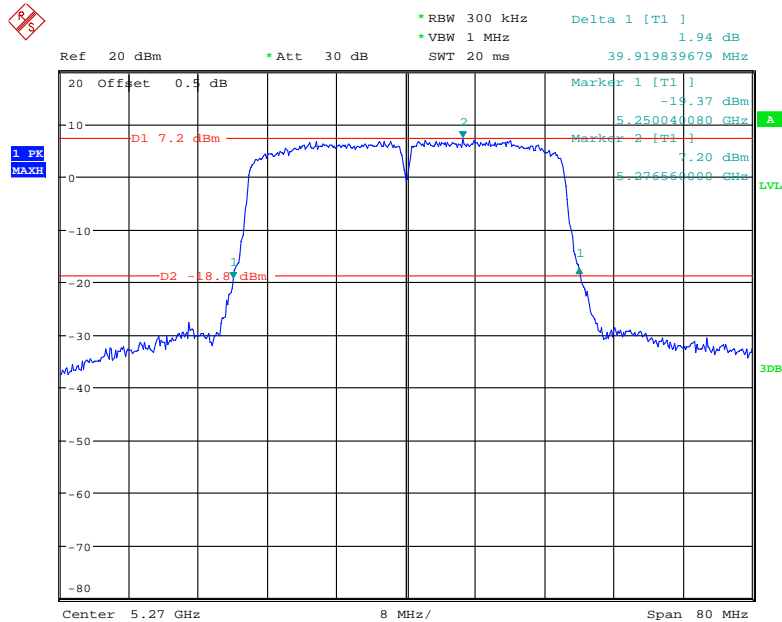


### 802.11n ac20 High Channel



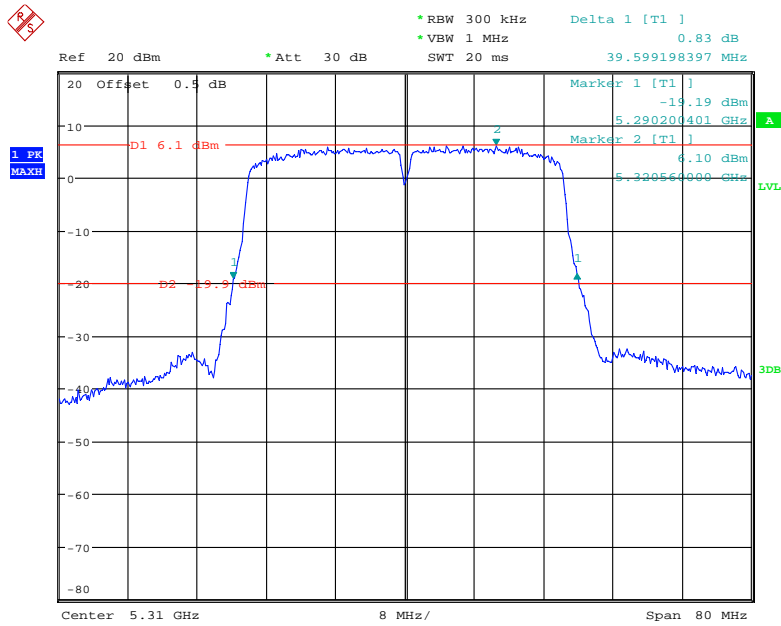
Date: 29.OCT.2017 14:20:33

### 802.11n ac40 Low Channel



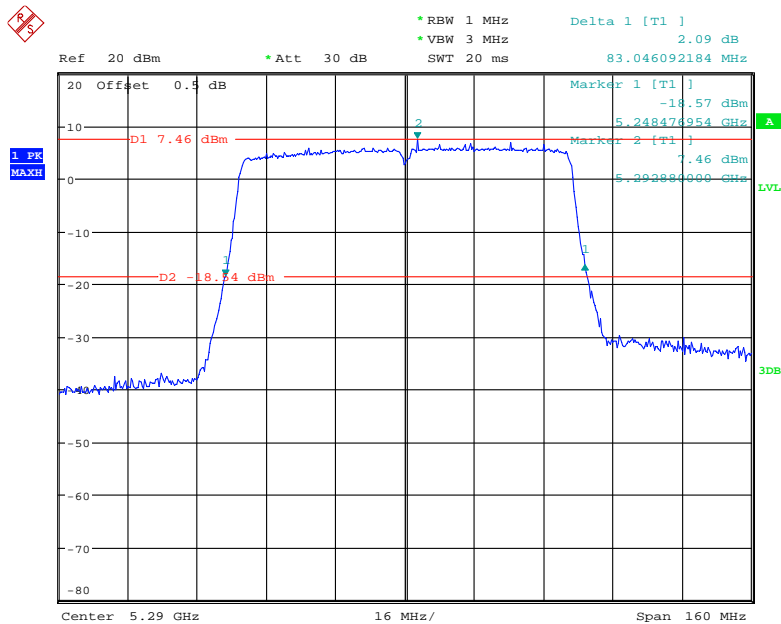
Date: 30.OCT.2017 18:48:57

### 802.11n ac40 High Channel



Date: 30.OCT.2017 18:52:28

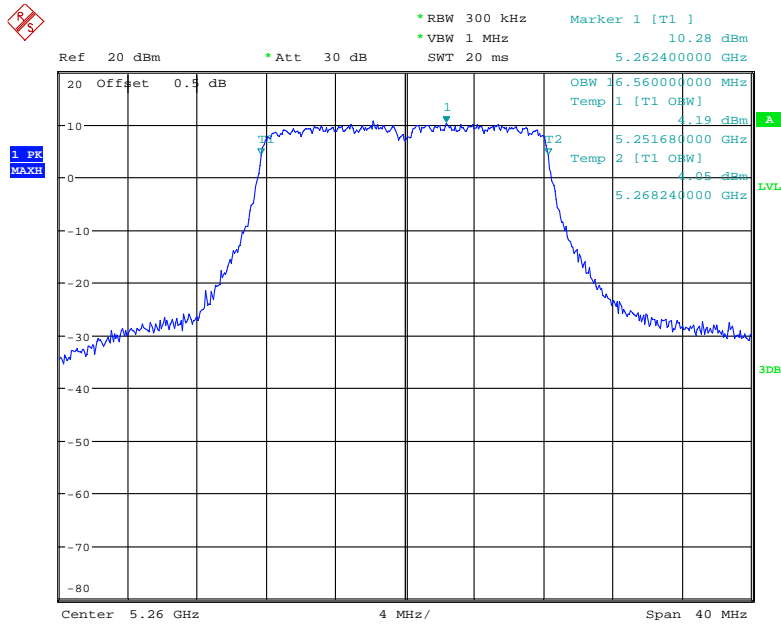
### 802.11ac80 Middle Channel



Date: 30.OCT.2017 22:11:31

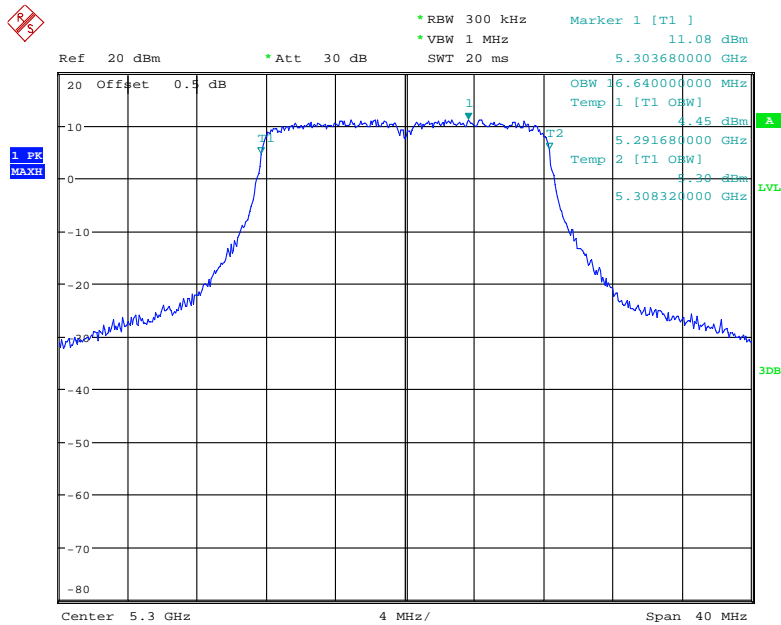
99% Occupied Bandwidth

802.11a Low Channel



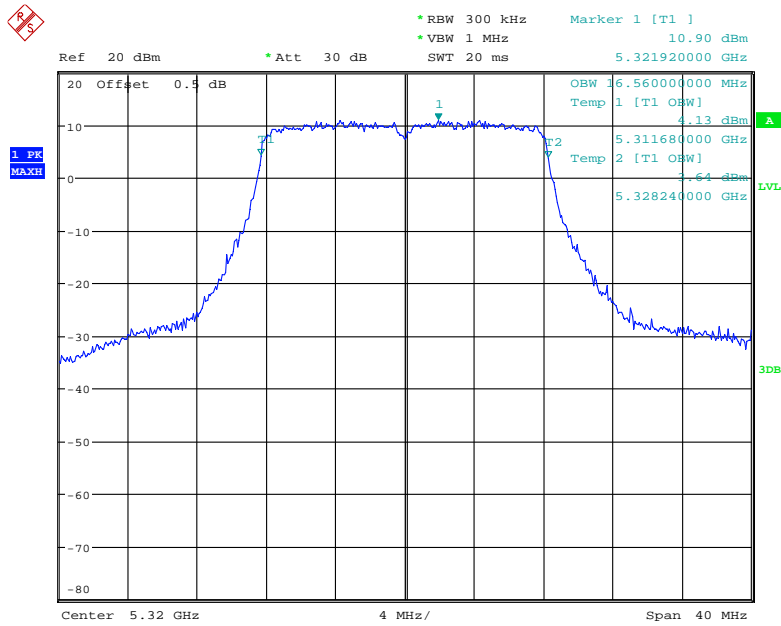
Date: 29.OCT.2017 10:41:37

802.11a Middle Channel



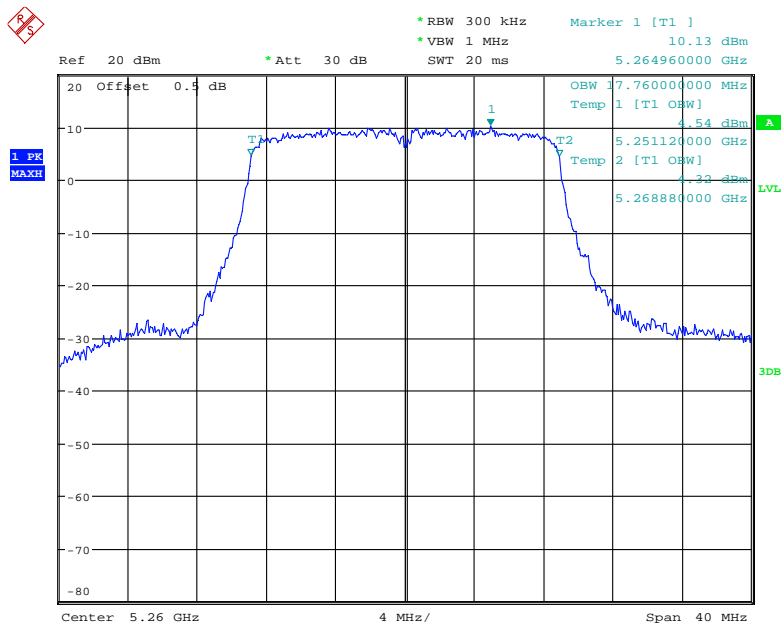
Date: 31.OCT.2017 00:22:08

### 802.11a High Channel



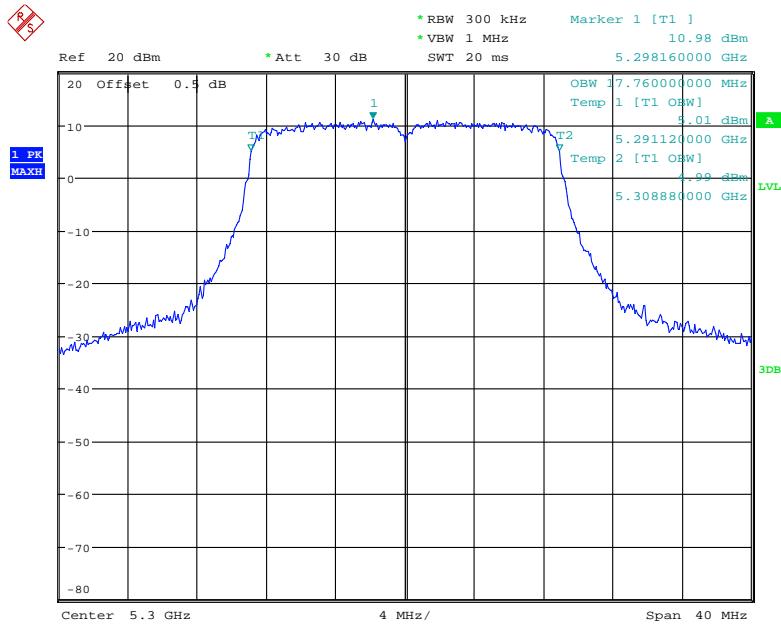
Date: 29.OCT.2017 10:43:48

### 802.11n ht20 Low Channel



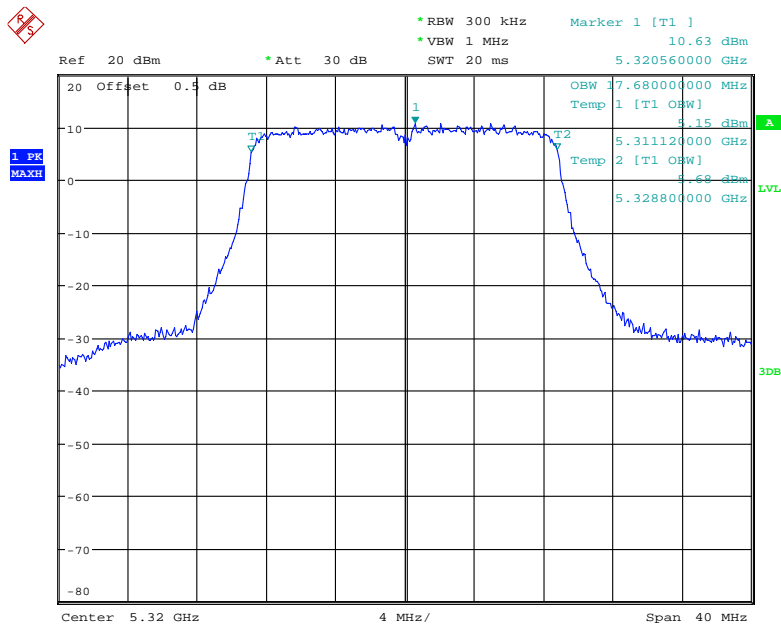
Date: 29.OCT.2017 14:09:13

### 802.11n ht20 Middle Channel



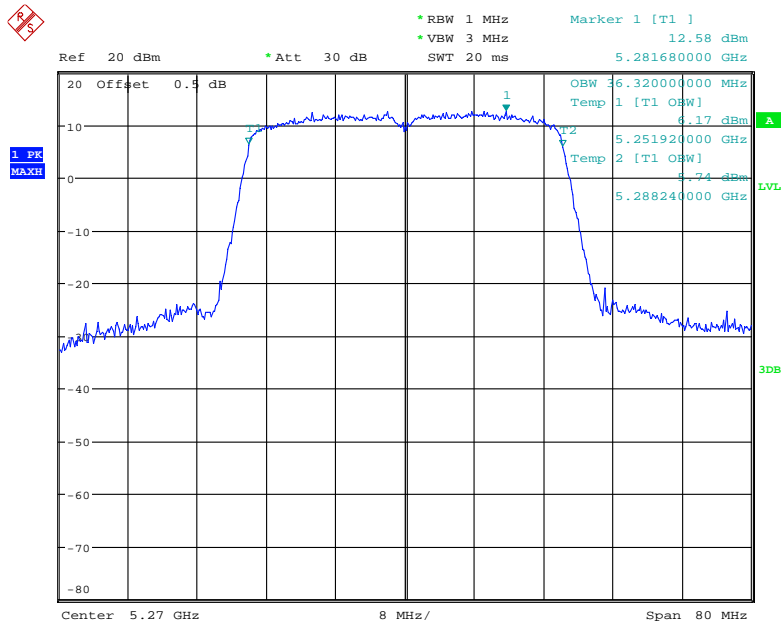
Date: 31.OCT.2017 00:19:03

### 802.11n ht20 High Channel



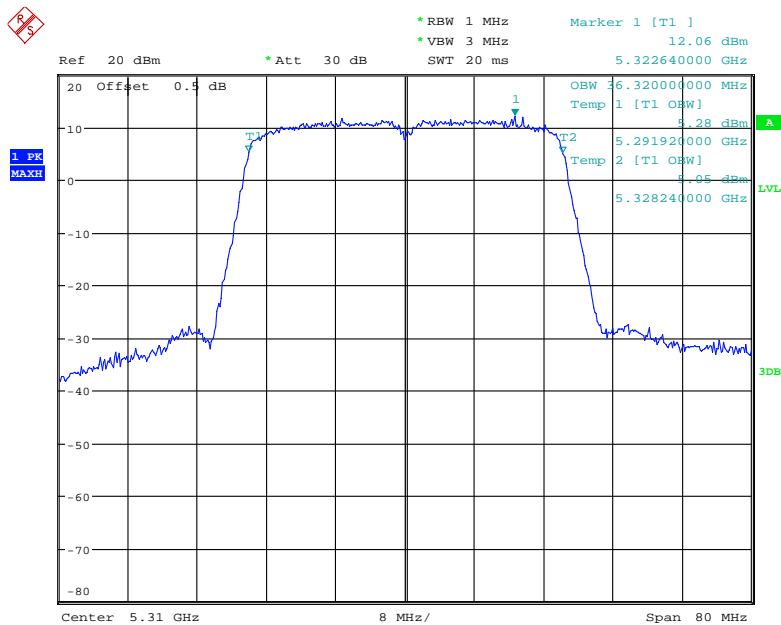
Date: 29.OCT.2017 14:07:37

### 802.11n ht40 Low Channel



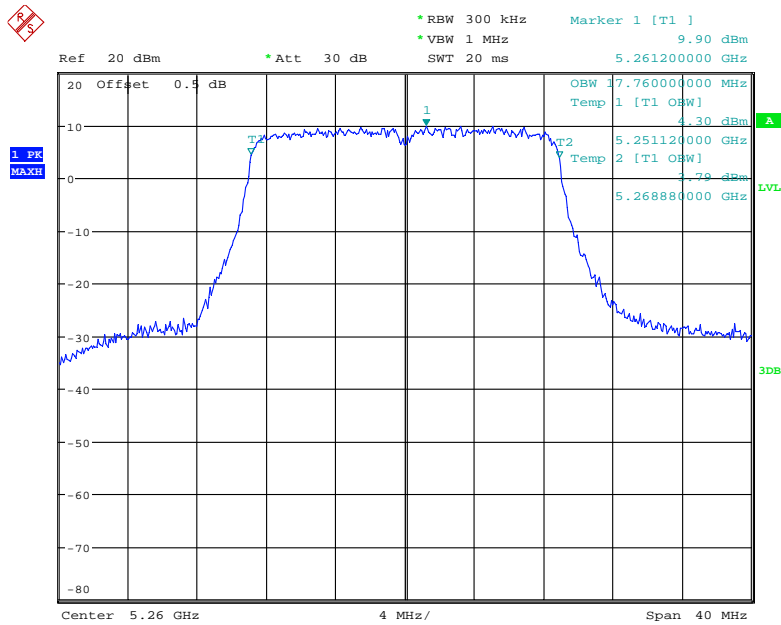
Date: 29.OCT.2017 17:54:12

### 802.11n ht40 High Channel



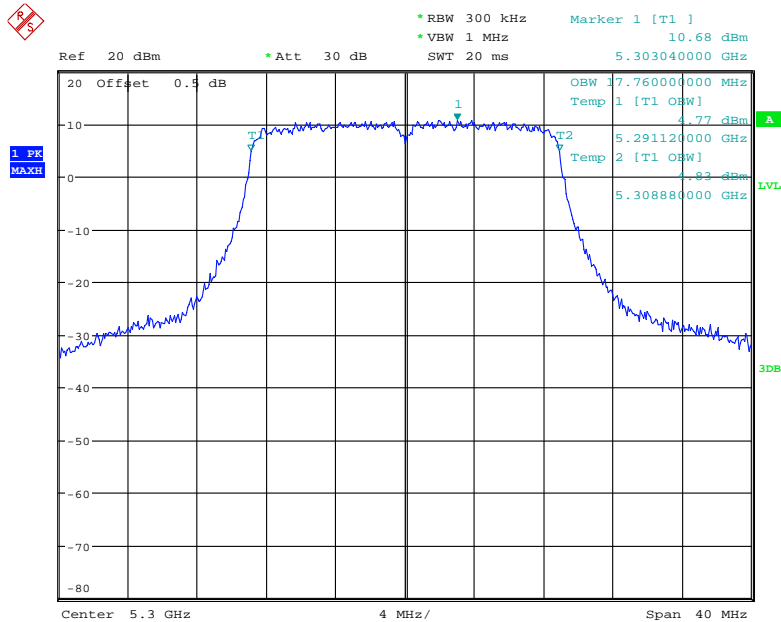
Date: 29.OCT.2017 17:52:39

### 802.11n ac20 Low Channel



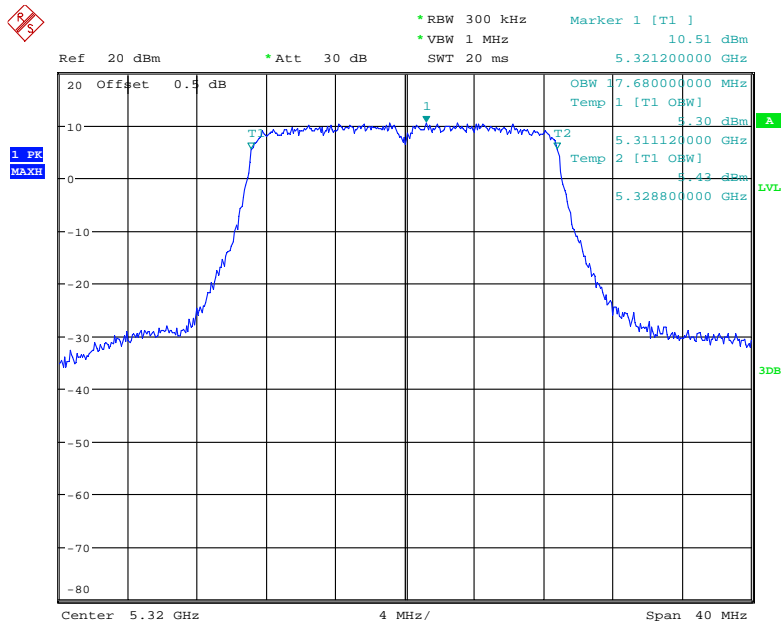
Date: 29.OCT.2017 14:19:22

### 802.11n ac20 Middle Channel



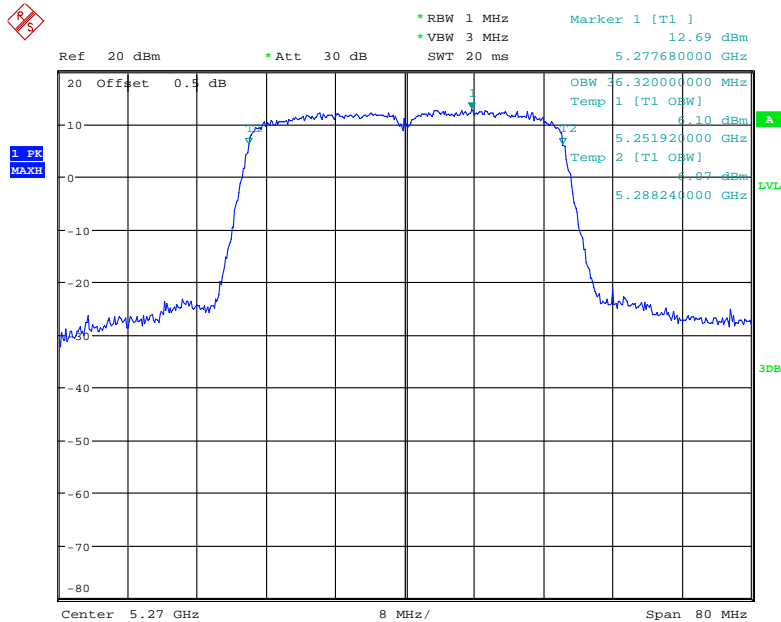
Date: 31.OCT.2017 00:19:16

### 802.11n ac20 High Channel



Date: 29.OCT.2017 14:20:45

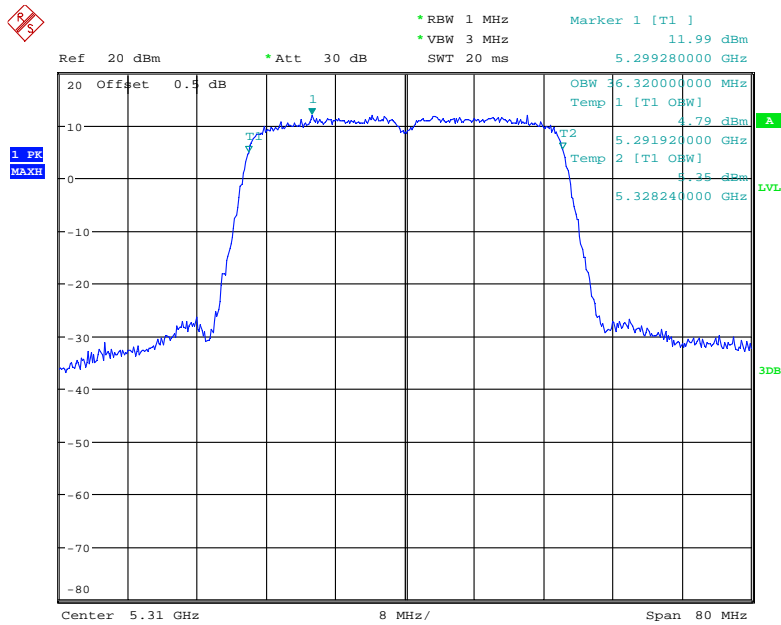
### 802.11n ac40 Low Channel



Date: 30.OCT.2017 18:49:09

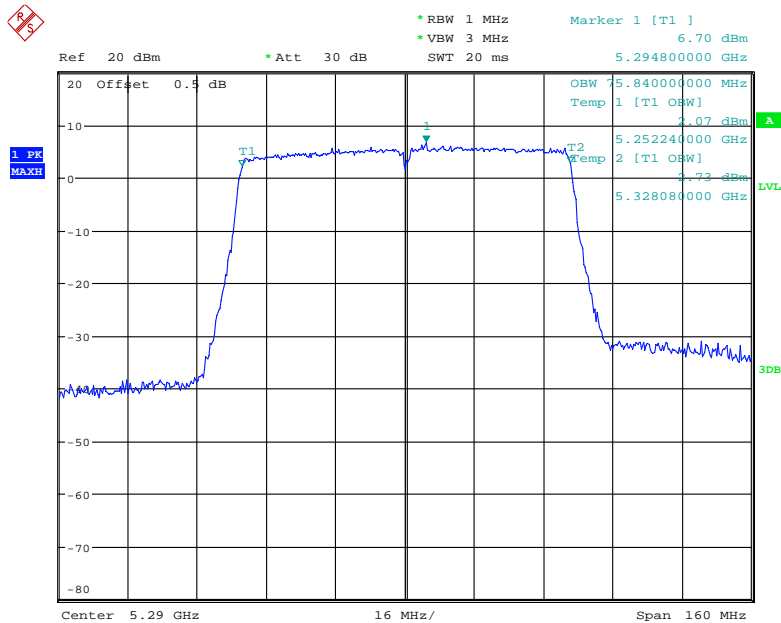


### 802.11n ac40 High Channel



Date: 30.OCT.2017 18:52:40

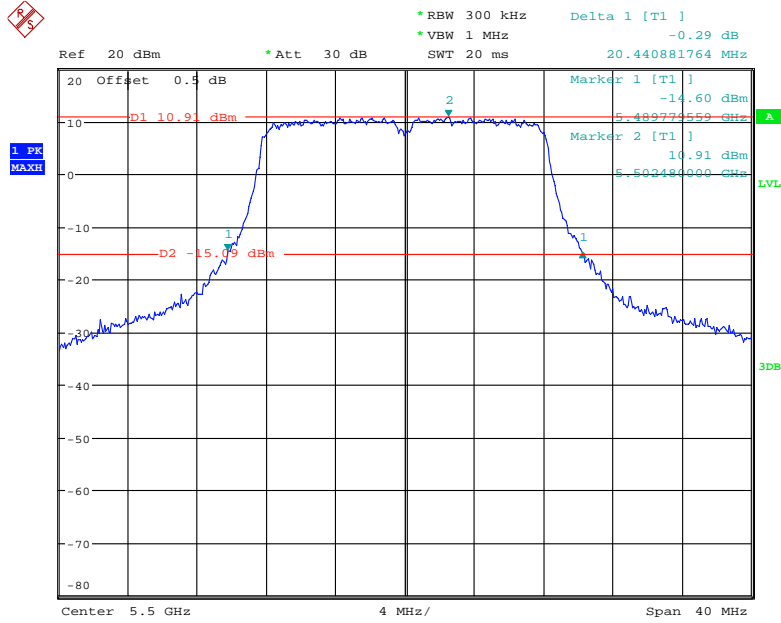
### 802.11ac80 Middle Channel



Date: 30.OCT.2017 22:11:44

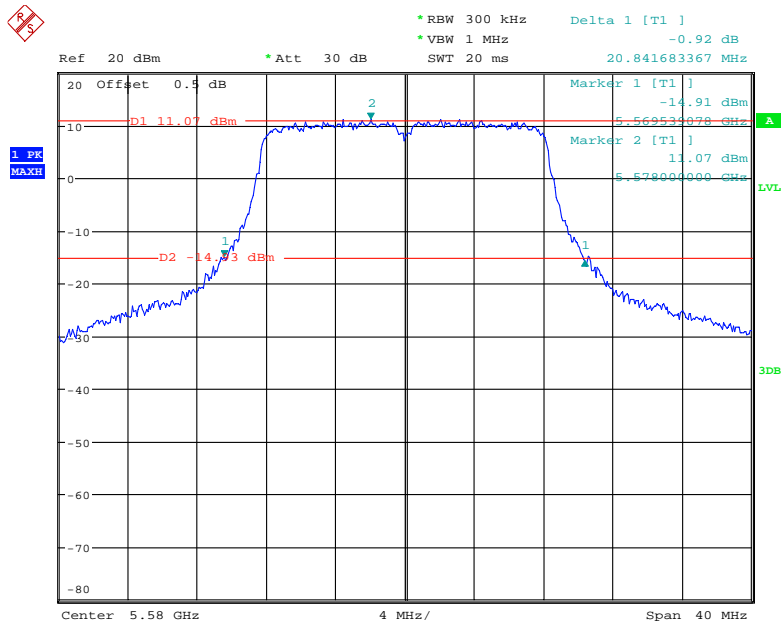
5745-5725 MHz: 26dB Emission Bandwidth:

802.11a Low Channel



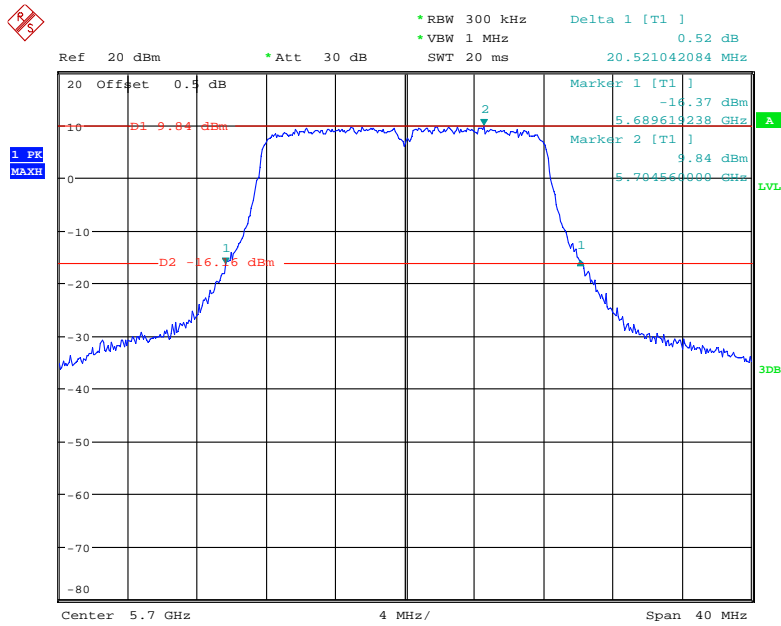
Date: 29.OCT.2017 10:45:08

802.11a Middle Channel



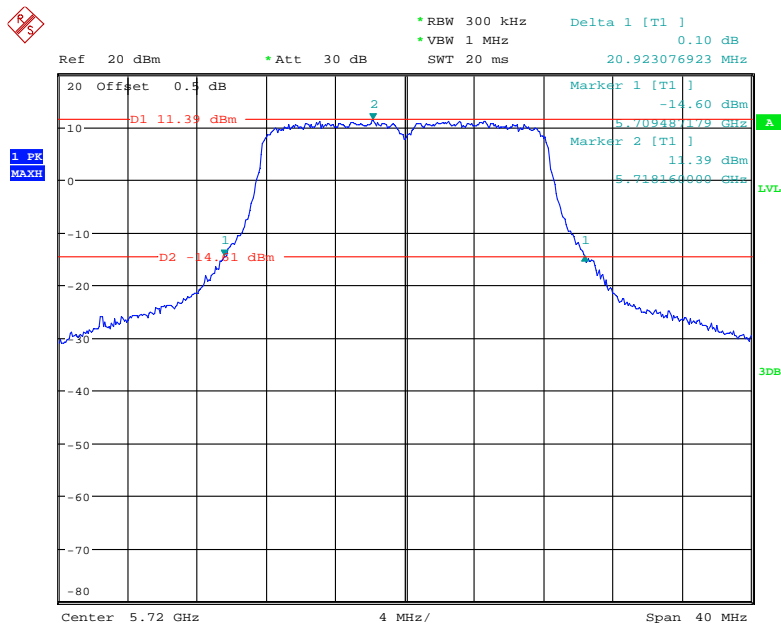
Date: 29.OCT.2017 10:46:39

### 802.11a High Channel



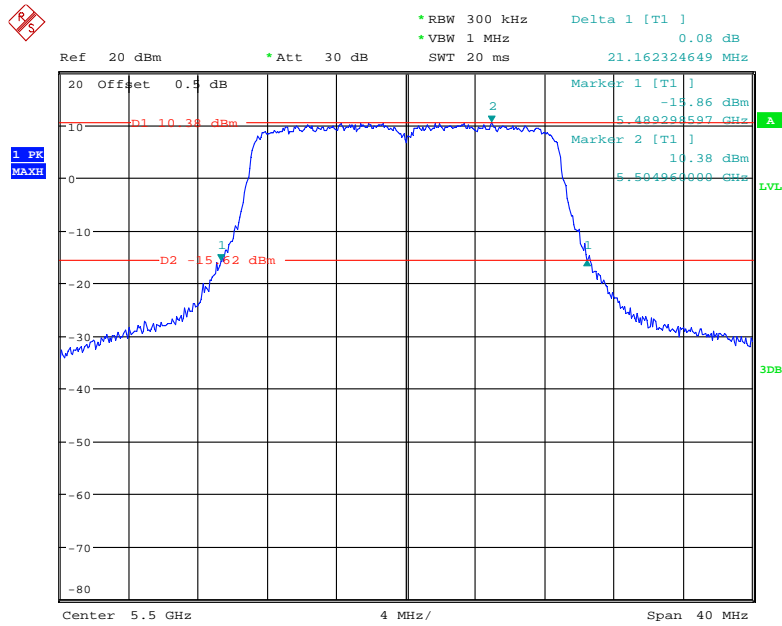
Date: 29.OCT.2017 10:48:04

### 802.11a 5720MHz



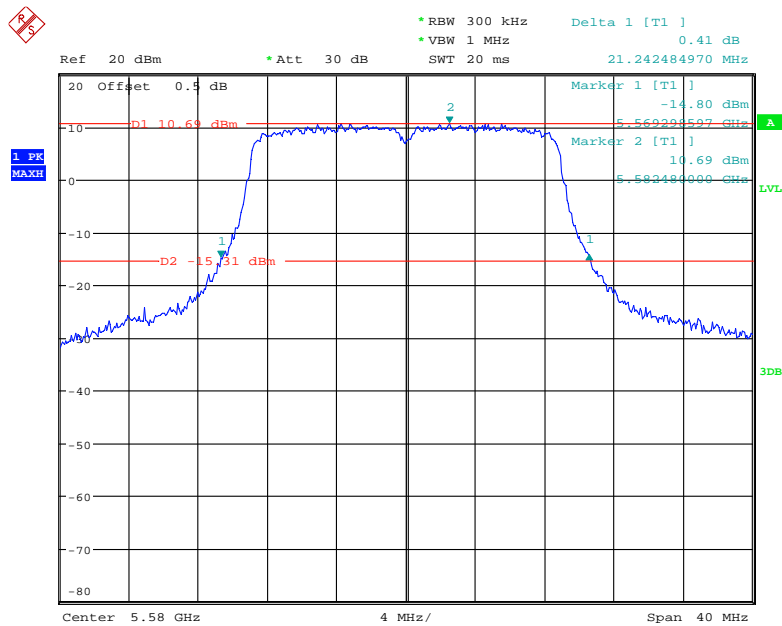
Date: 30.OCT.2017 23:41:40

### 802.11n ht20 Low Channel



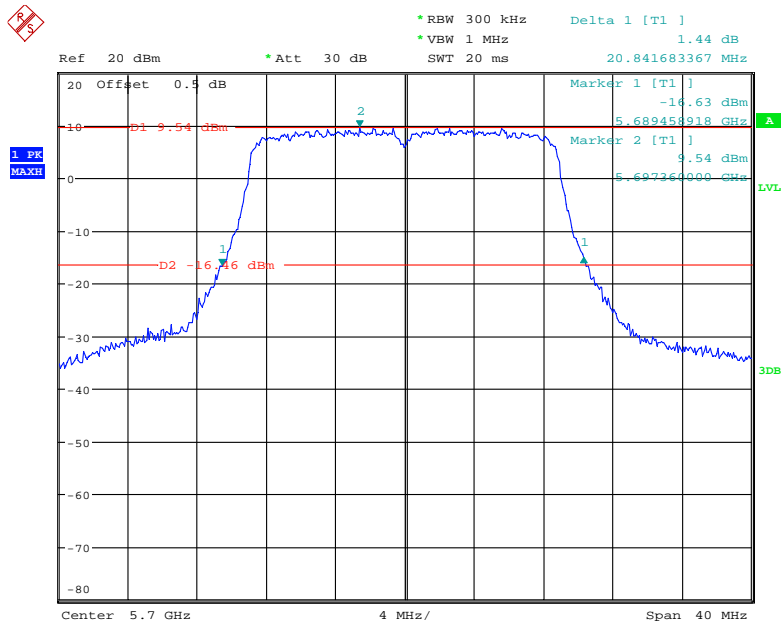
Date: 29.OCT.2017 14:05:46

### 802.11n ht20 Middle Channel



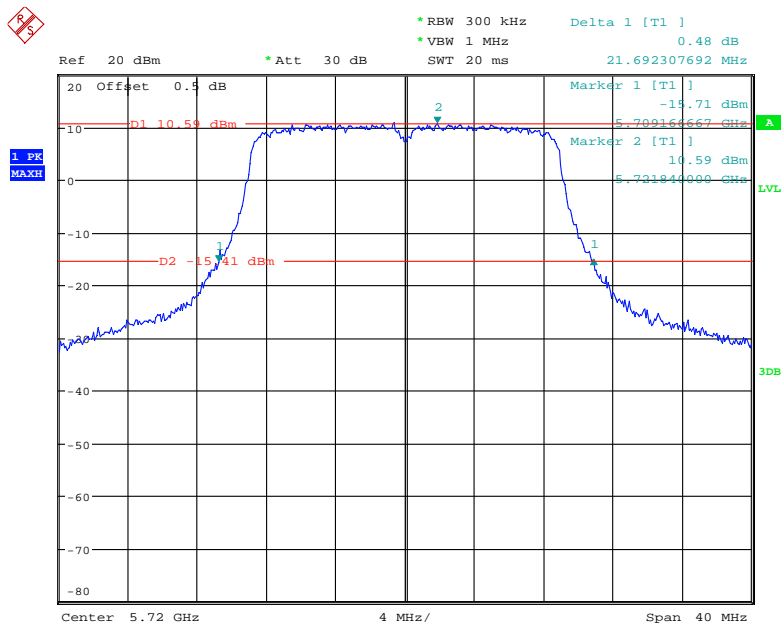
Date: 29.OCT.2017 14:04:38

### 802.11n ht20 High Channel



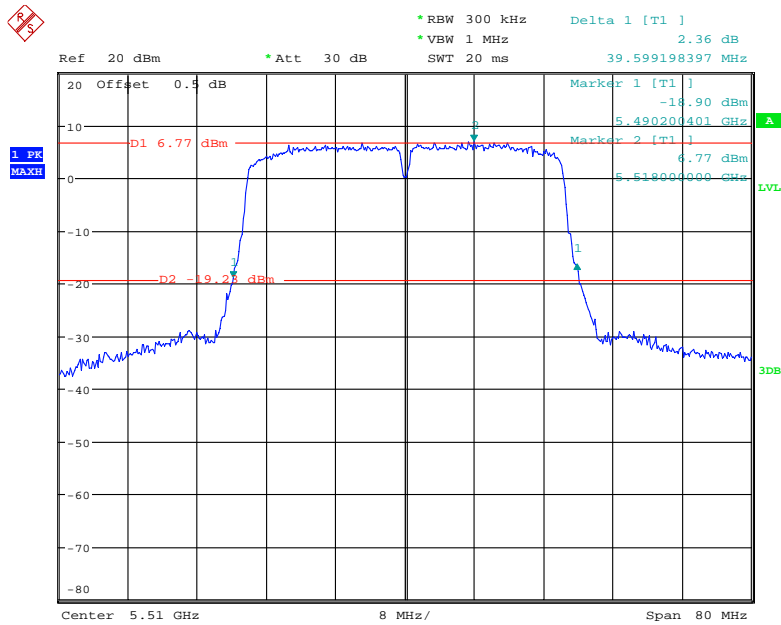
Date: 29.OCT.2017 14:03:13

### 802.11n ht20 5720MHz



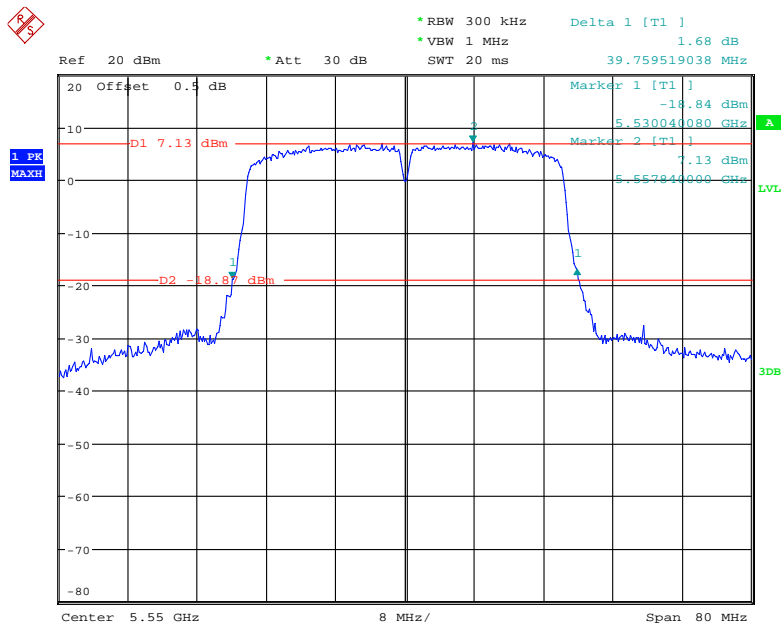
Date: 30.OCT.2017 23:42:39

### 802.11n ht40 Low Channel



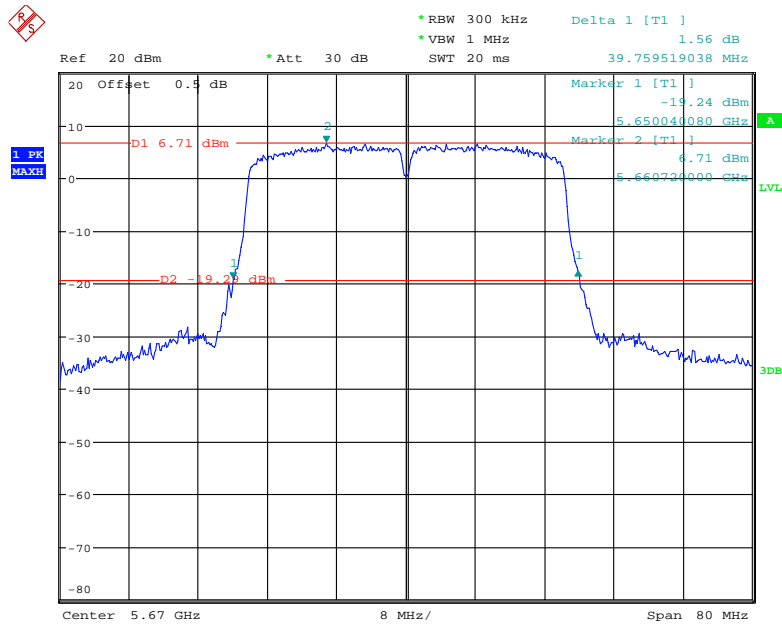
Date: 29.OCT.2017 17:50:04

### 802.11n ht40 Middle Channel



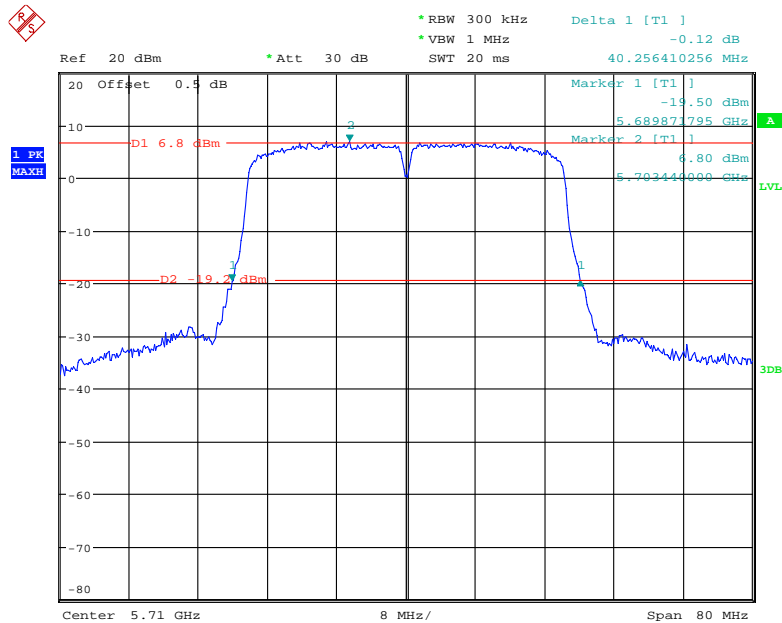
Date: 29.OCT.2017 17:47:03

### 802.11n ht40 High Channel



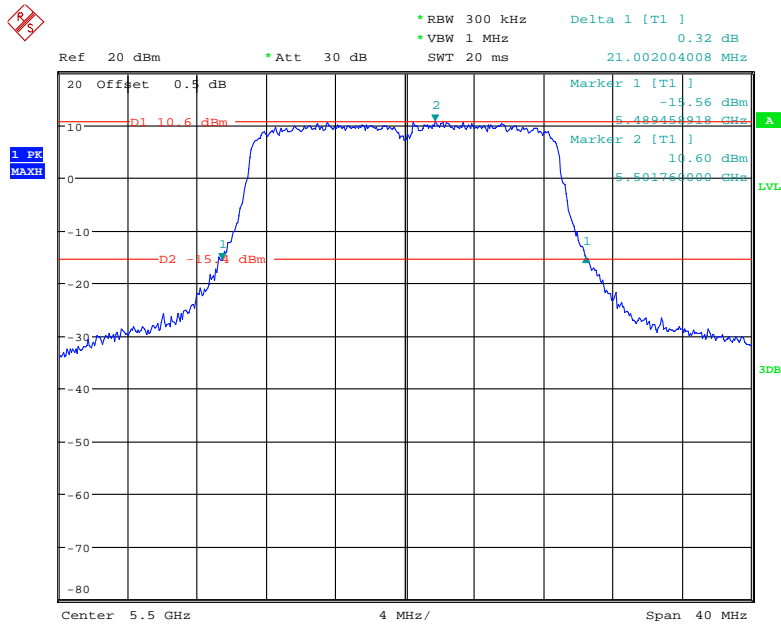
Date: 29.OCT.2017 17:45:28

### 802.11n ht40 5710MHz



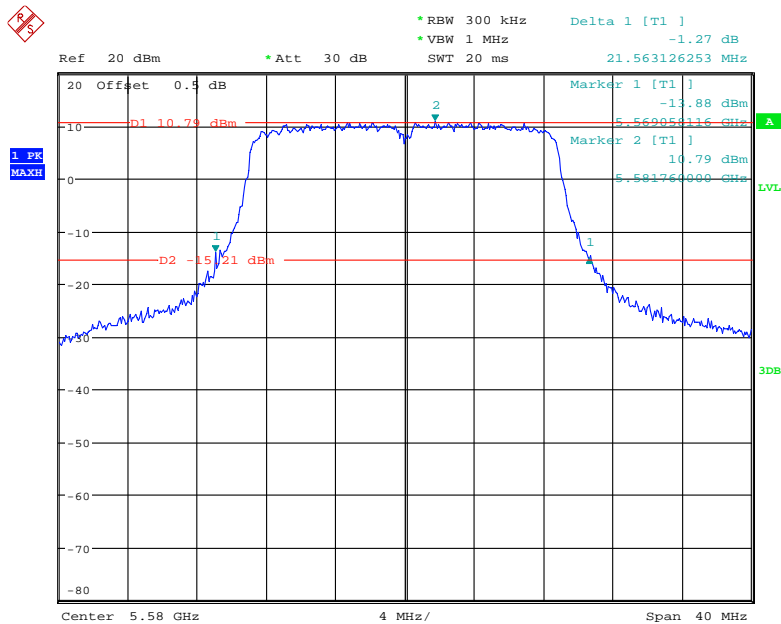
Date: 30.OCT.2017 23:49:48

### 802.11n ac20 Low Channel



Date: 29.OCT.2017 14:22:37

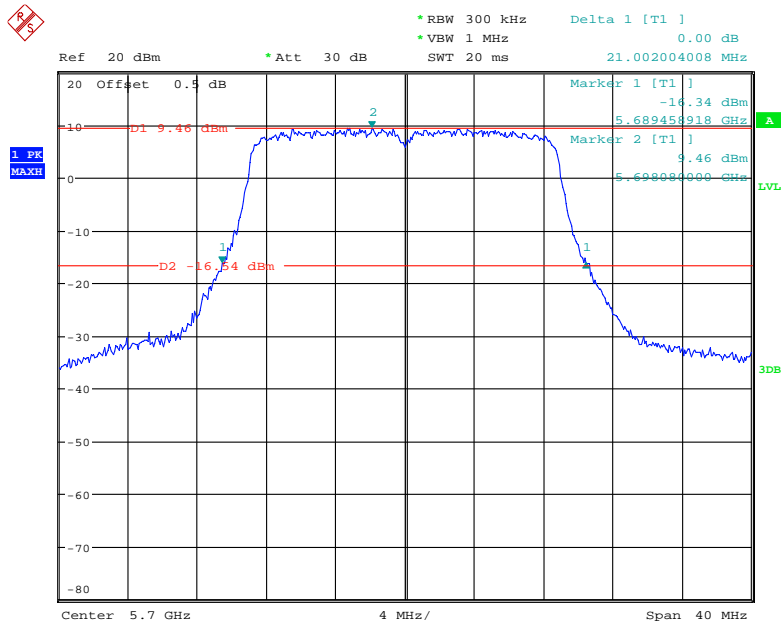
### 802.11n ac20 Middle Channel



Date: 29.OCT.2017 14:24:36

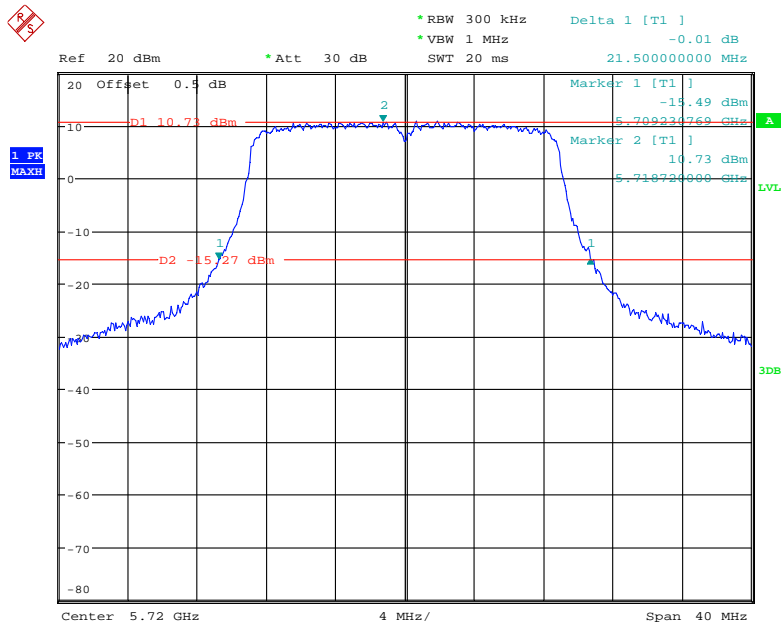


### 802.11n ac20 High Channel



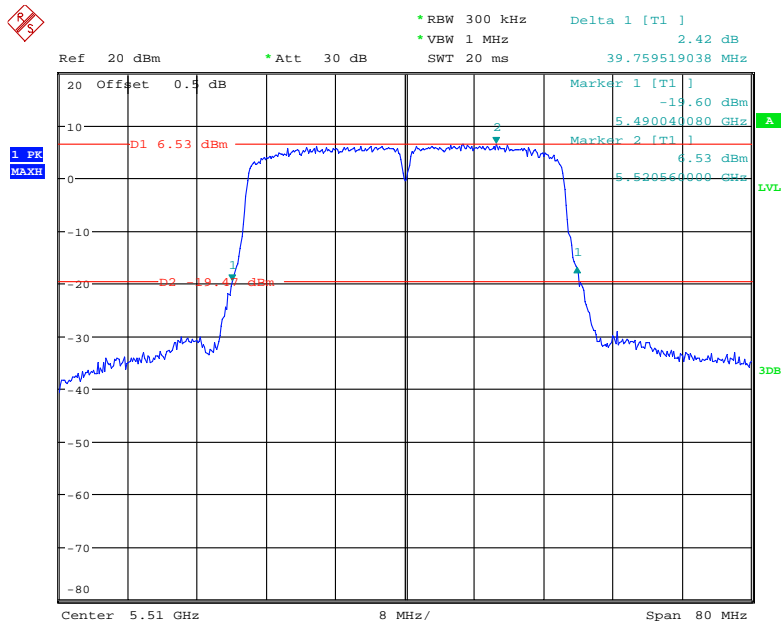
Date: 29.OCT.2017 14:26:33

### 802.11n ac20 5720MHz



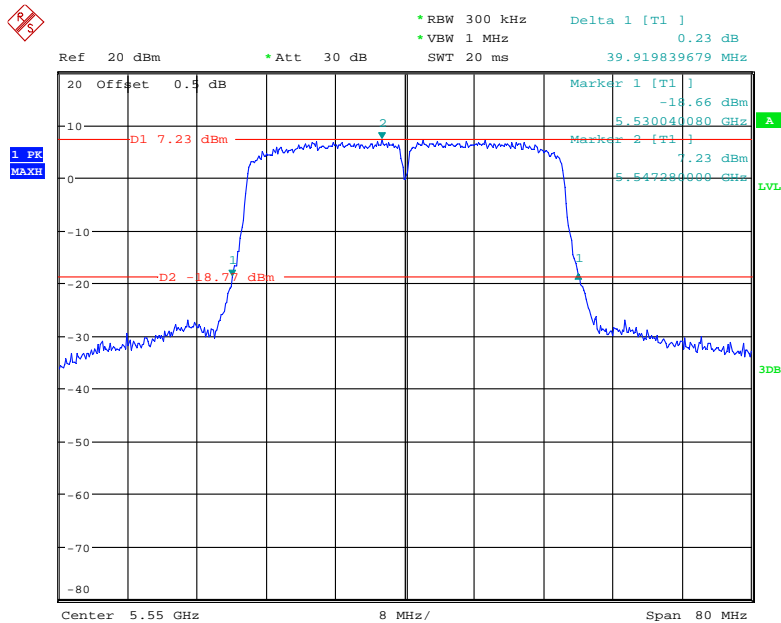
Date: 30.OCT.2017 23:43:25

### 802.11n ac40 Low Channel



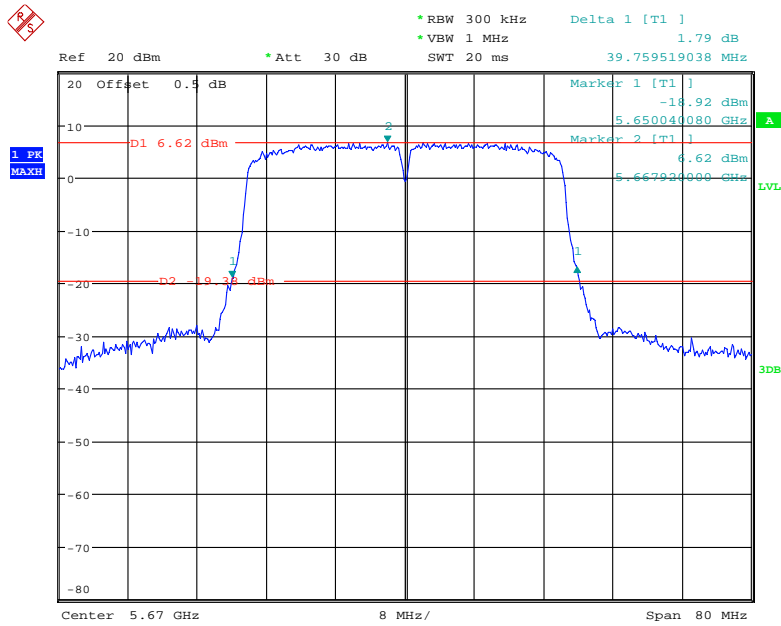
Date: 30.OCT.2017 18:54:53

### 802.11n ac40 Middle Channel



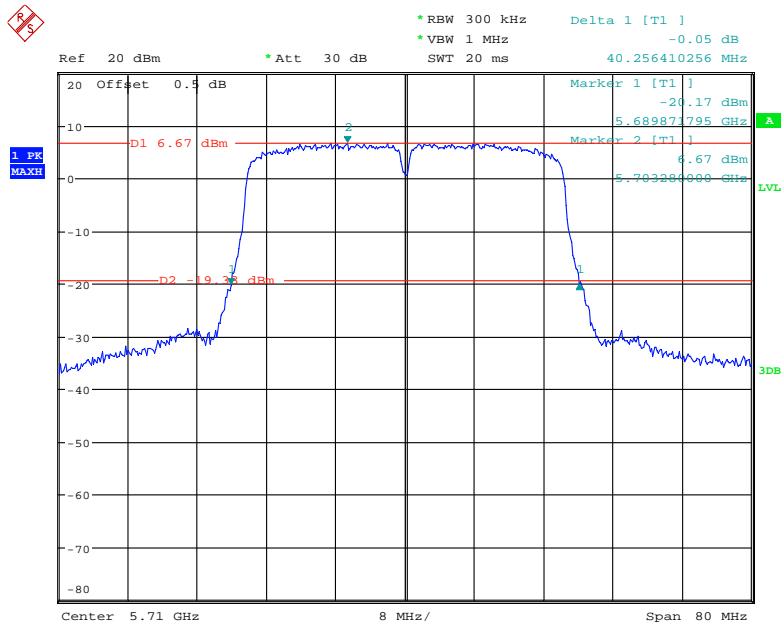
Date: 30.OCT.2017 18:55:59

### 802.11n ac40 High Channel



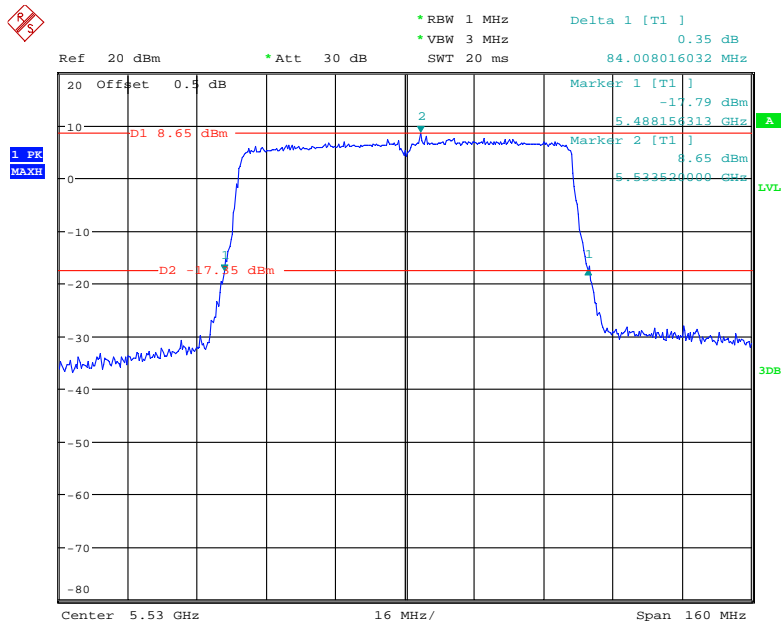
Date: 30.OCT.2017 18:57:40

### 802.11n ac40 5710MHz



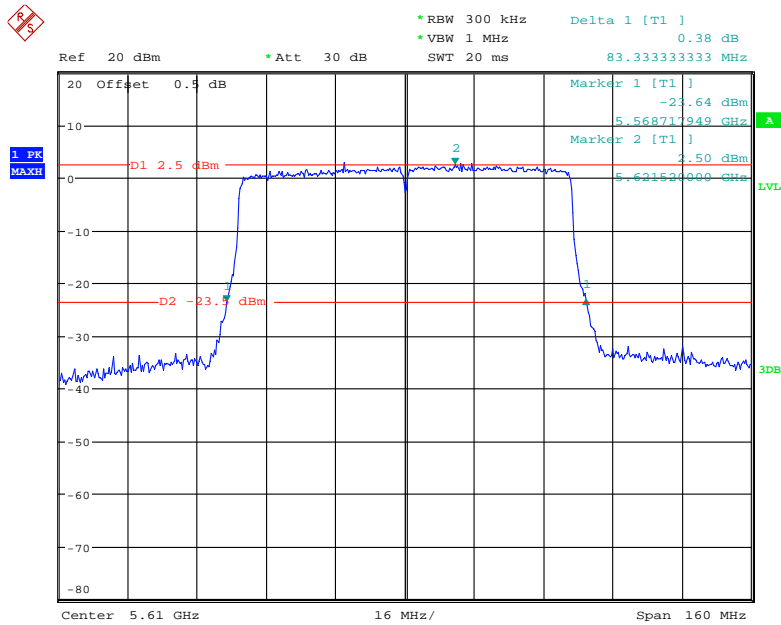
Date: 30.OCT.2017 23:48:32

### 802.11ac80 Low Channel



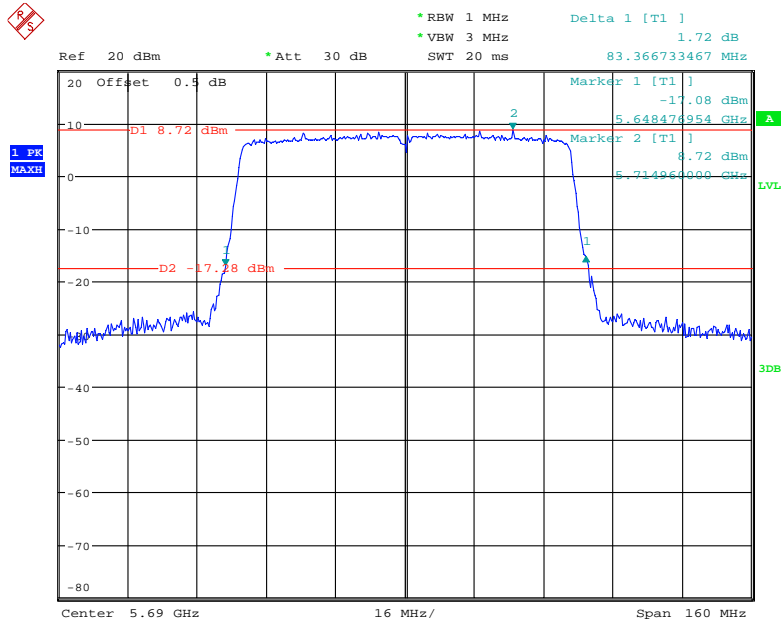
Date: 30.OCT.2017 22:17:03

### 802.11ac80 5610MHz



Date: 31.OCT.2017 00:09:51

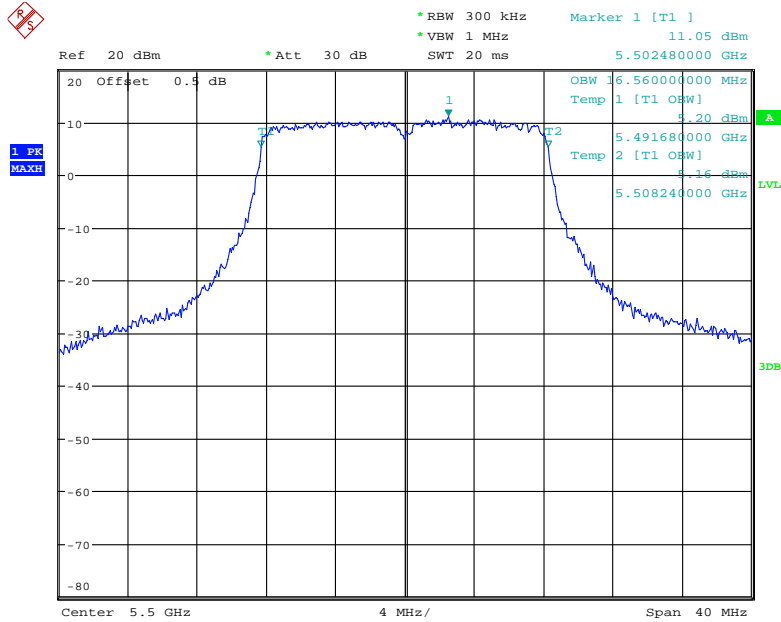
### 802.11ac80 5690MHz



Date: 30.OCT.2017 22:18:50

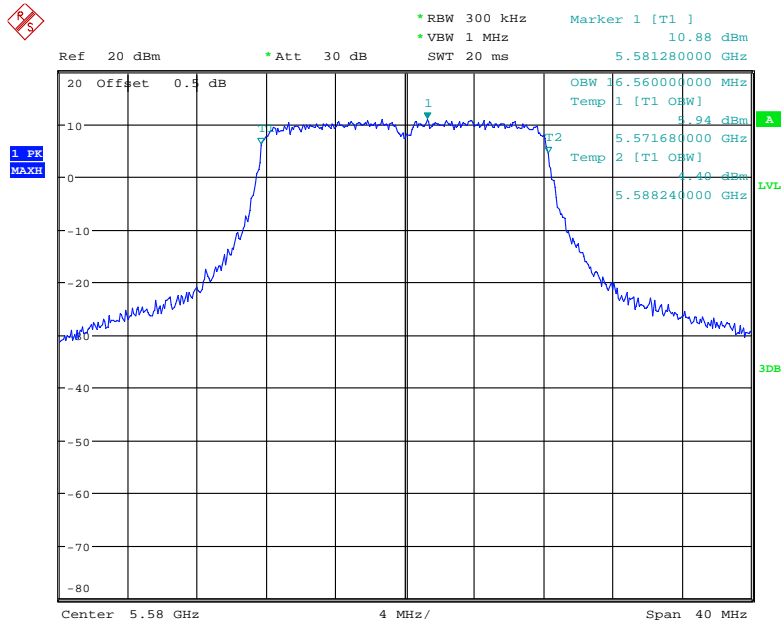
### 99% Occupied Bandwidth

#### 802.11a Low Channel



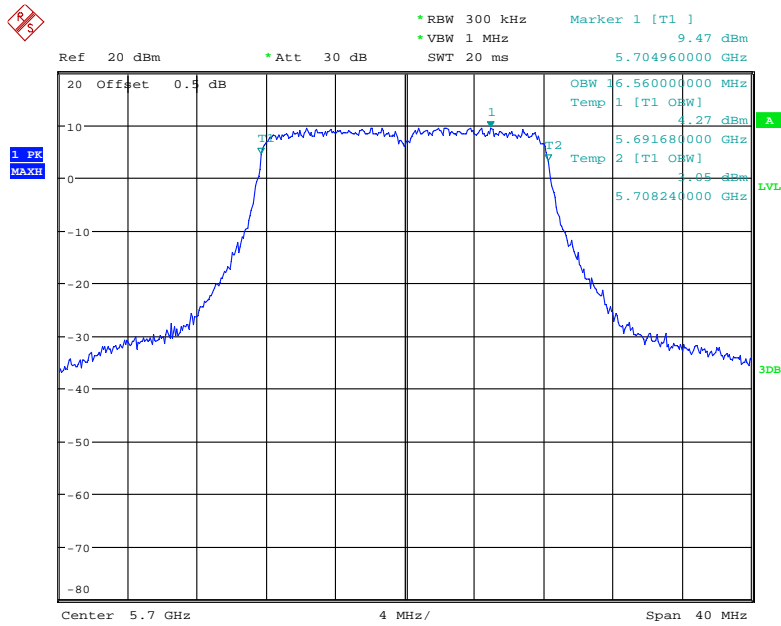
Date: 29.OCT.2017 10:45:19

#### 802.11a Middle Channel



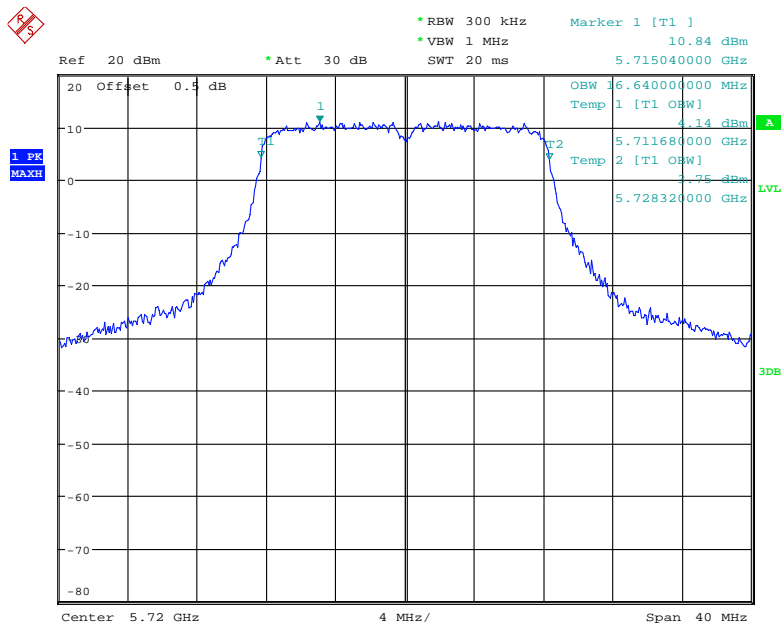
Date: 29.OCT.2017 10:46:51

### 802.11a High Channel



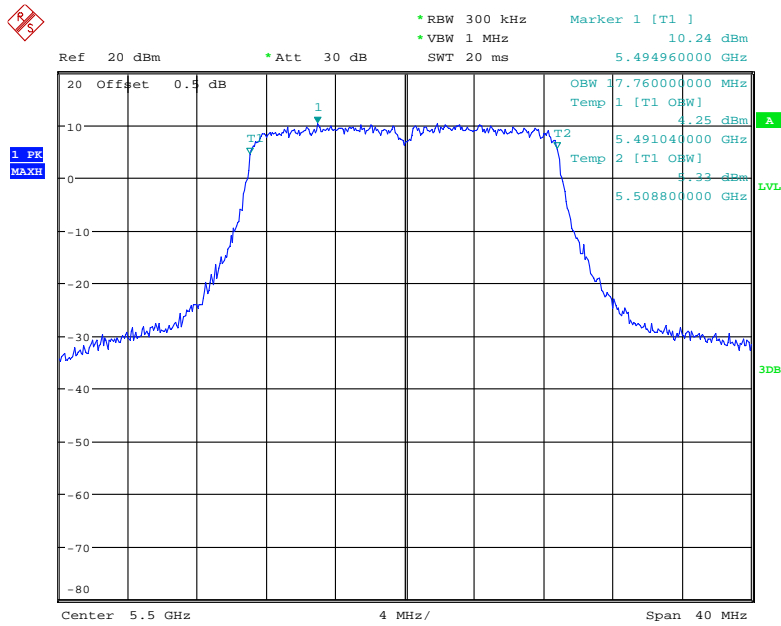
Date: 29.OCT.2017 10:48:18

### 802.11a 5720MHz



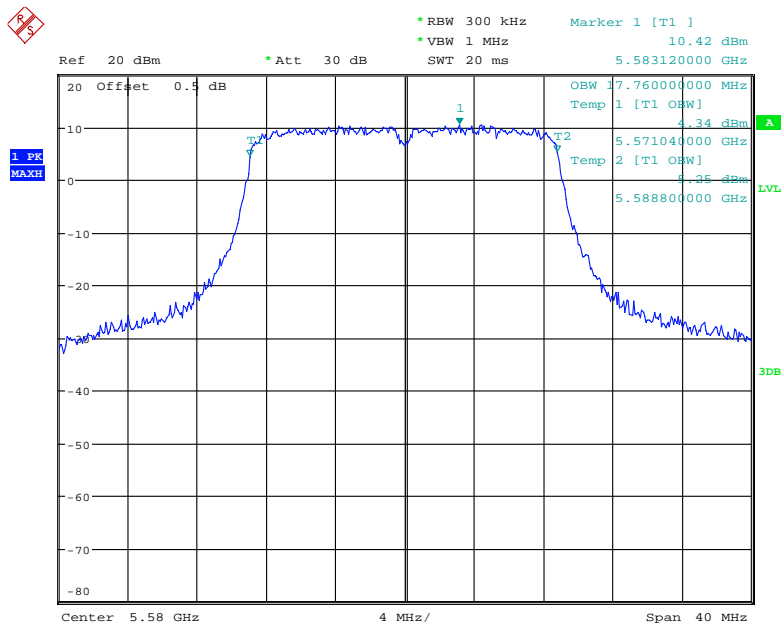
Date: 31.OCT.2017 00:21:48

### 802.11n ht20 Low Channel



Date: 29.OCT.2017 14:05:58

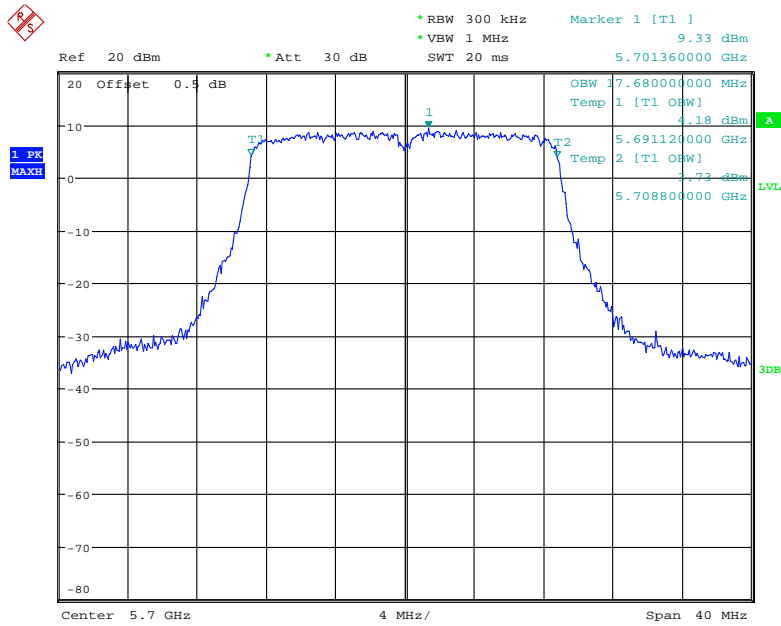
### 802.11n ht20 Middle Channel



Date: 29.OCT.2017 14:04:50

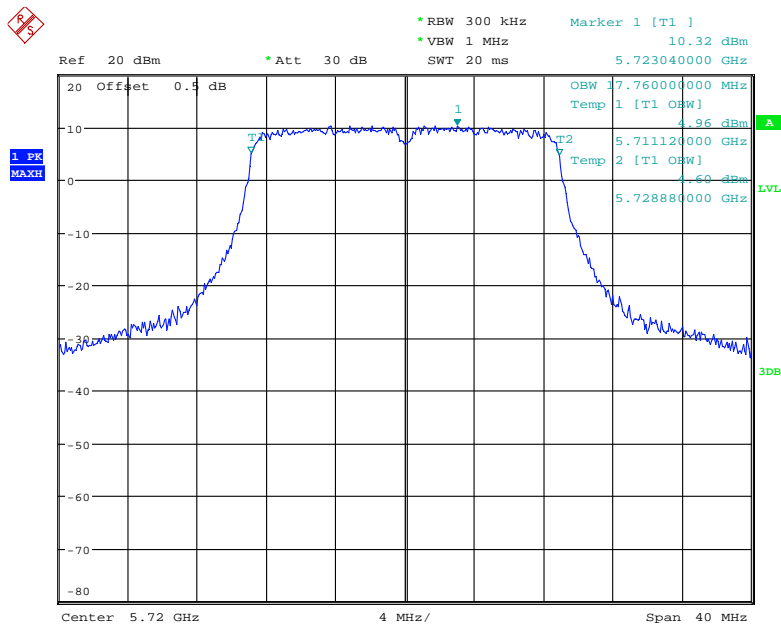


### 802.11n ht20 High Channel



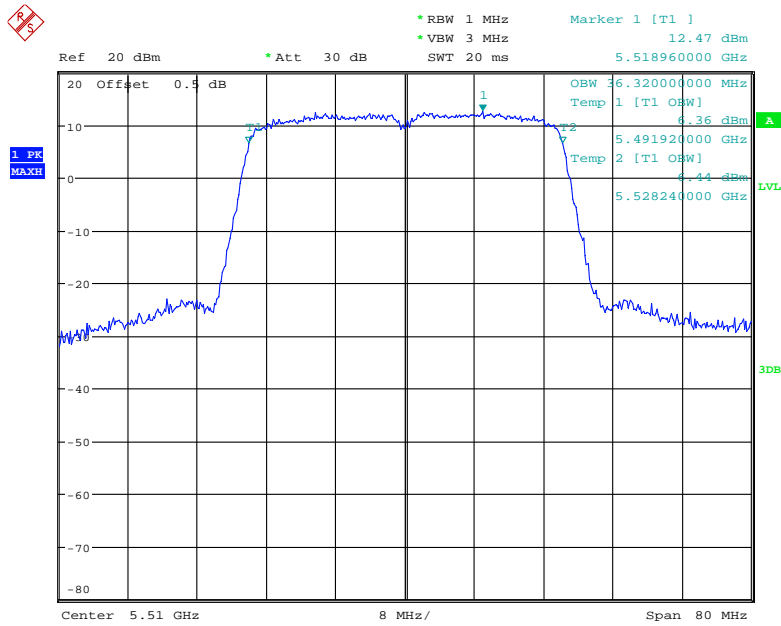
Date: 29.OCT.2017 14:03:25

### 802.11n ht20 5720MHz



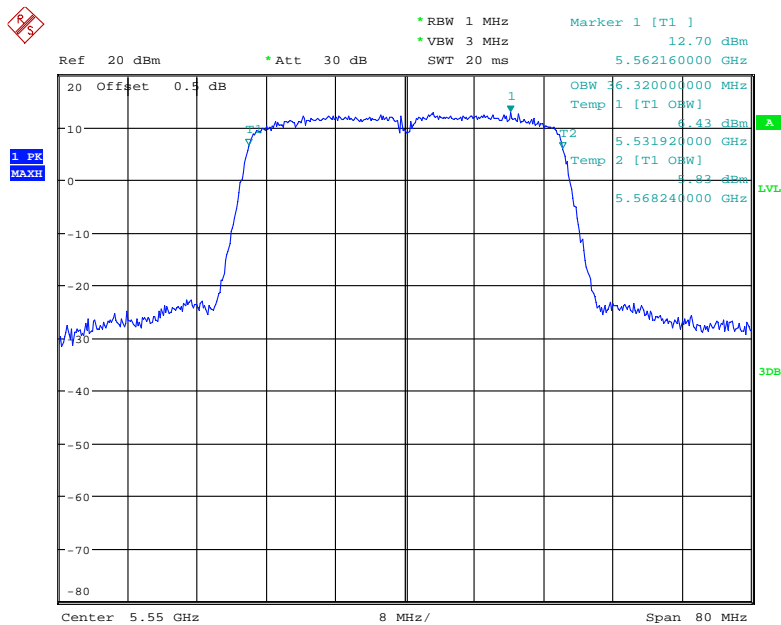
Date: 31.OCT.2017 00:20:10

### 802.11n ht40 Low Channel



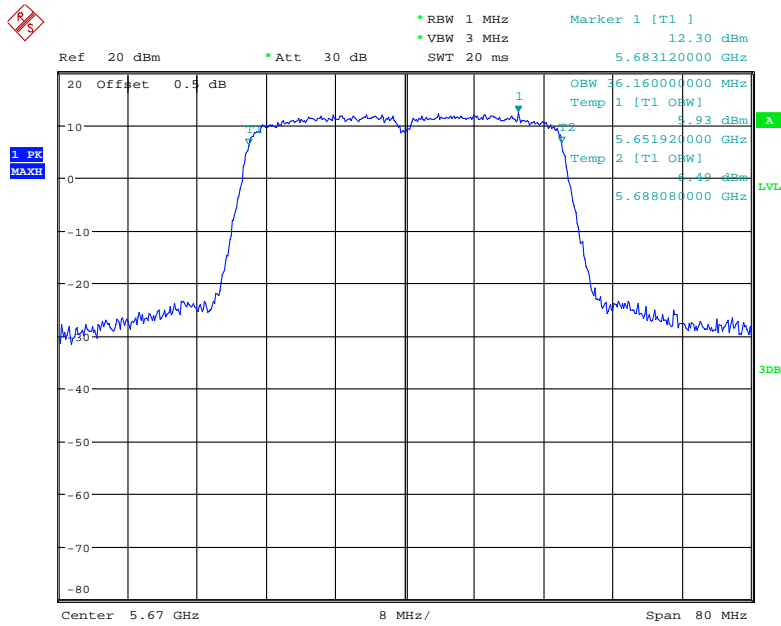
Date: 29.OCT.2017 17:50:16

### 802.11n ht40 Middle Channel



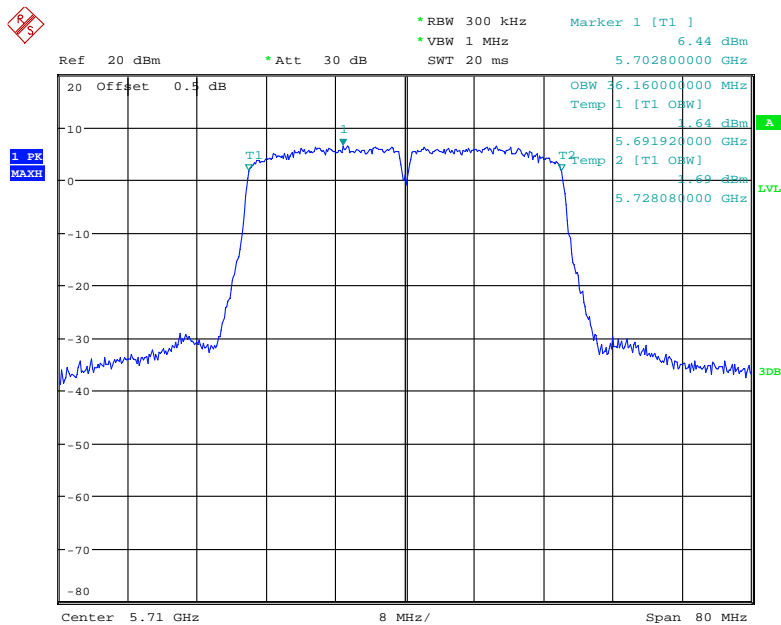
Date: 29.OCT.2017 17:47:15

### 802.11n ht40 High Channel



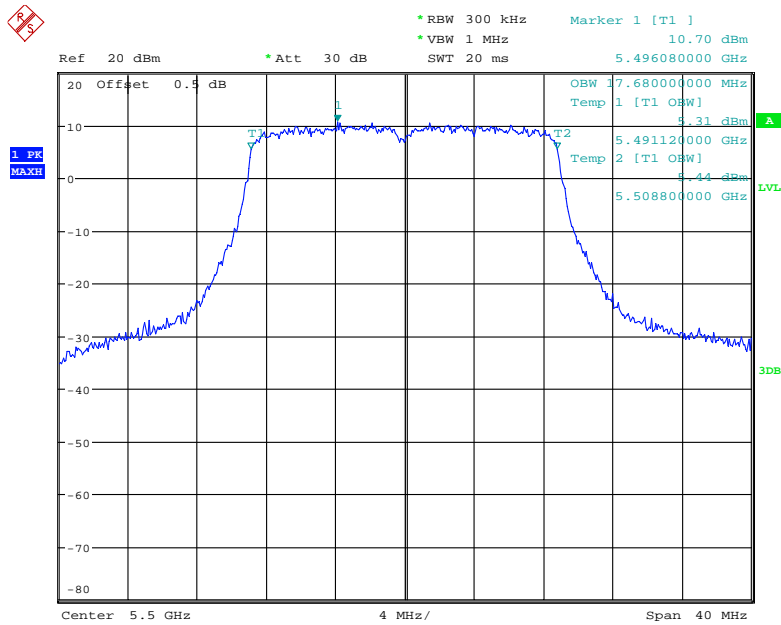
Date: 29.OCT.2017 17:45:40

### 802.11n ht40 5710MHz



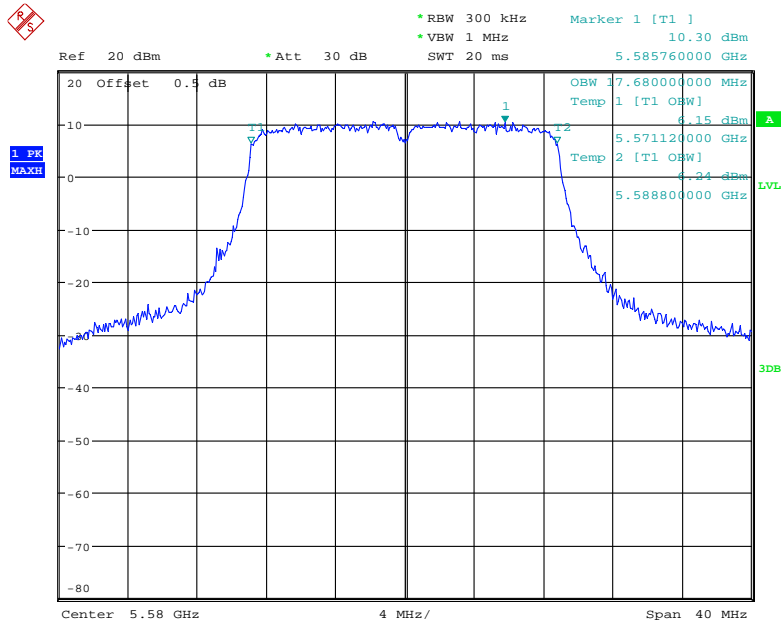
Date: 31.OCT.2017 00:17:35

### 802.11n ac20 Low Channel



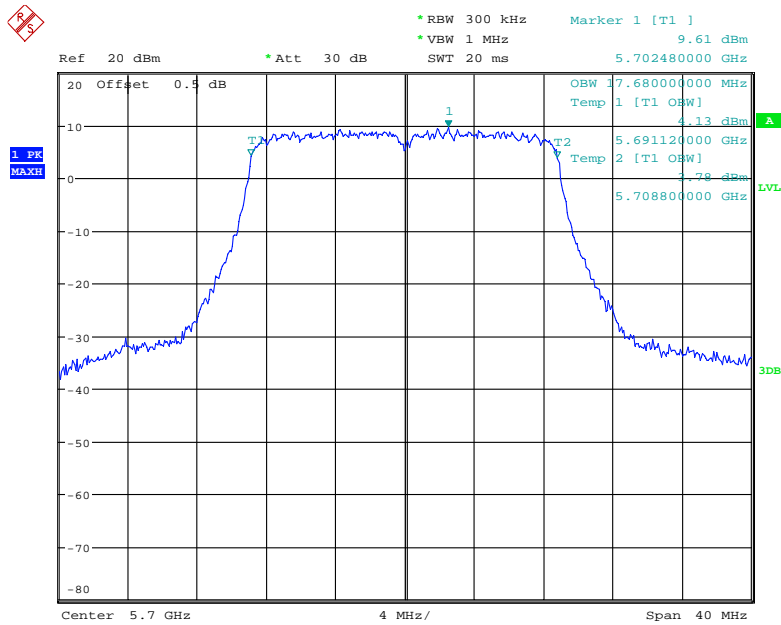
Date: 29.OCT.2017 14:22:50

### 802.11n ac20 Middle Channel



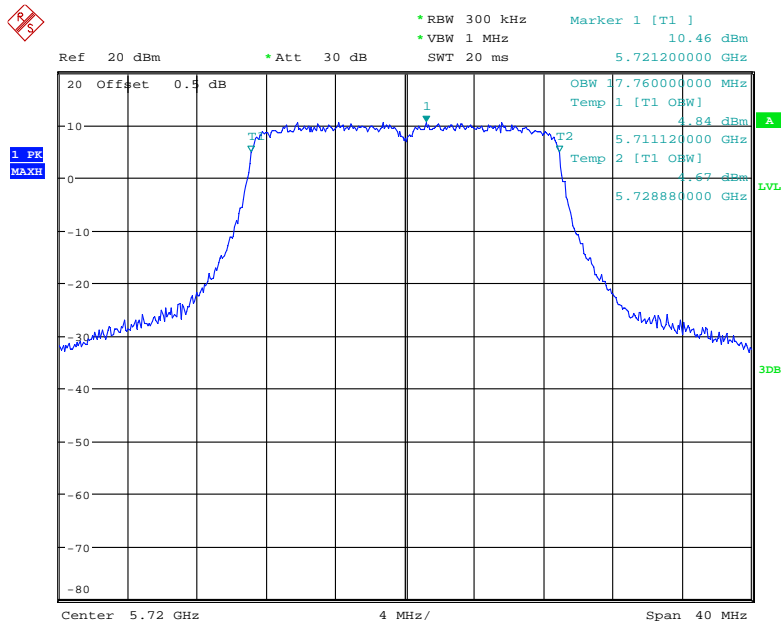
Date: 29.OCT.2017 14:24:48

### 802.11n ac20 High Channel



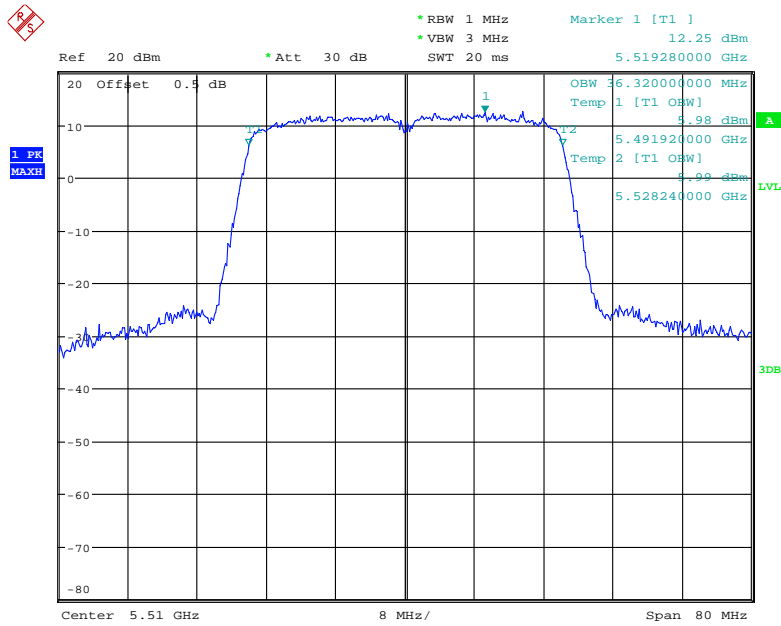
Date: 29.OCT.2017 14:26:46

### 802.11n ac20 5720MHz



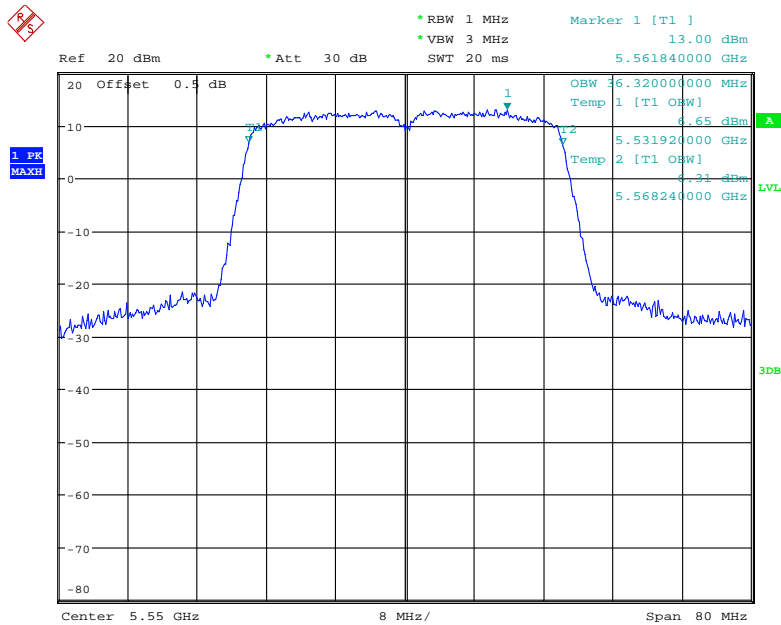
Date: 31.OCT.2017 00:19:56

### 802.11n ac40 Low Channel



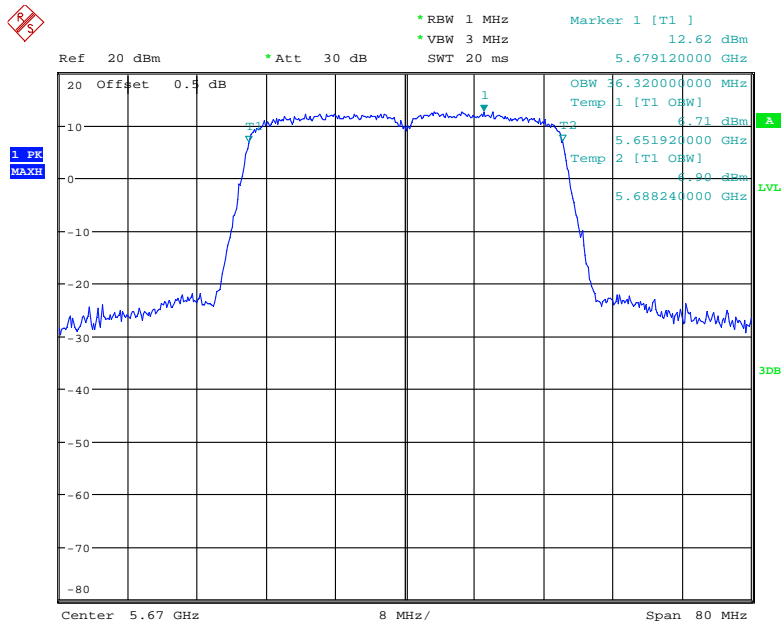
Date: 30.OCT.2017 18:55:05

### 802.11n ac40 Middle Channel



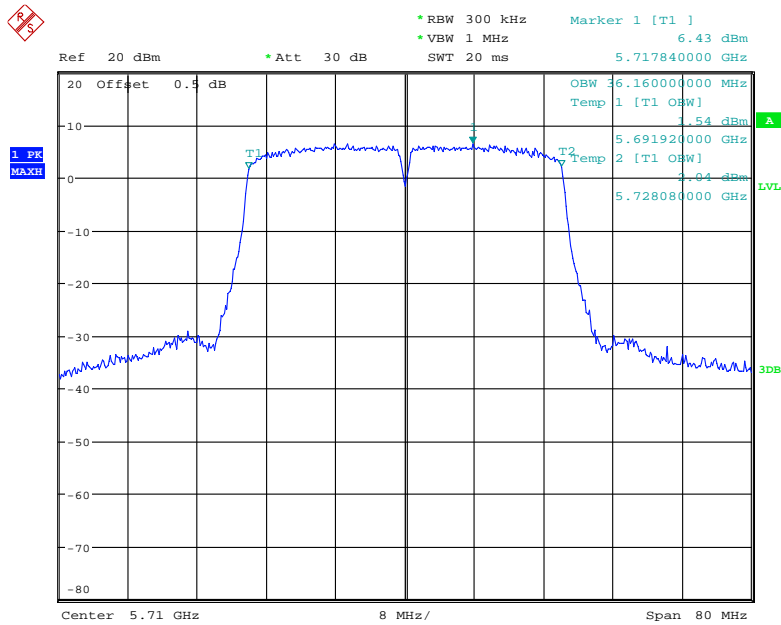
Date: 30.OCT.2017 18:56:12

### 802.11n ac40 High Channel



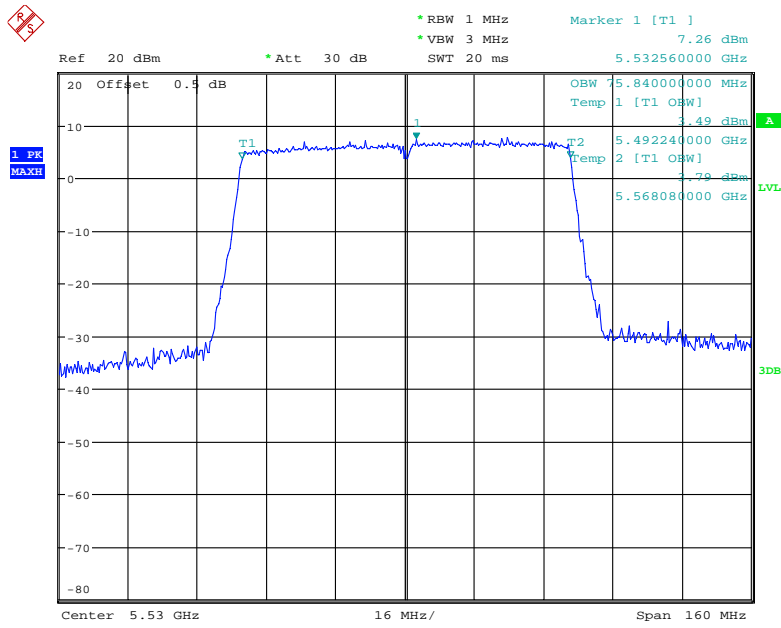
Date: 30.OCT.2017 18:57:53

### 802.11n ac40 5710MHz



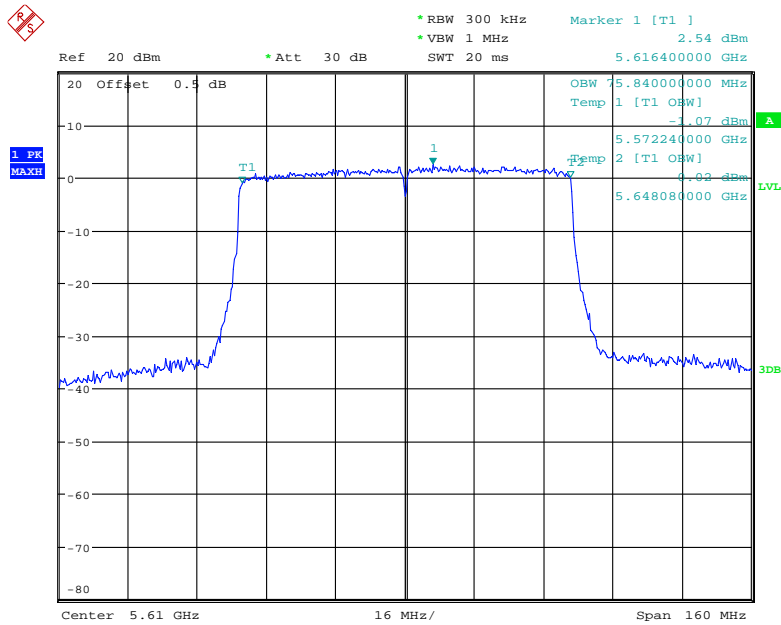
Date: 31.OCT.2017 00:17:51

### 802.11ac80 Low Channel



Date: 30.OCT.2017 22:17:15

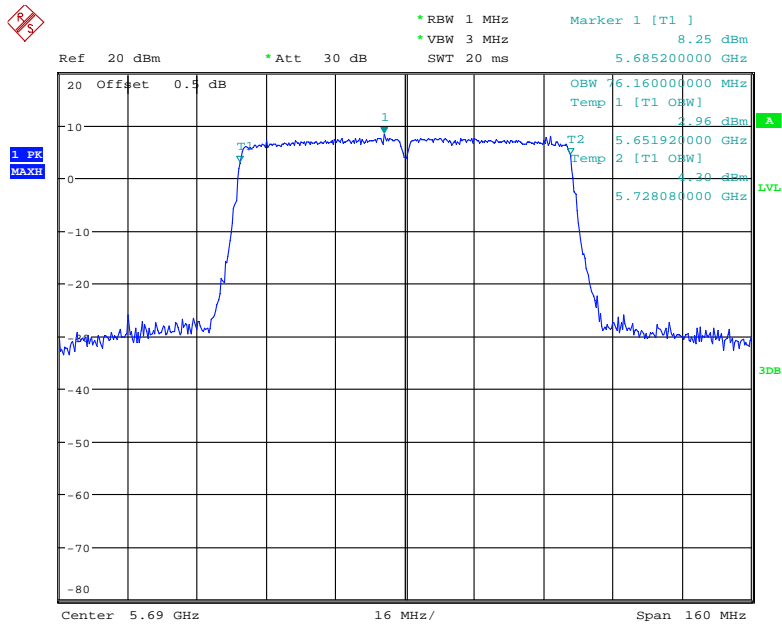
### 802.11ac80 5610MHz



Date: 31.OCT.2017 00:10:40



### 802.11ac80 5690MHz



Date: 30.OCT.2017 22:19:02

## **FCC §15.407(a) –MAXIMUM CONDUCTED OUTPUT POWER**

### **Applicable Standard**

(a) Power limits:

(1) For the band 5.15-5.25 GHz.

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or  $11 \text{ dBm} + 10 \log B$ , where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(4) The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

### Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Agilent	Wideband Power Sensor	N1921A	MY54210016	2016-11-03	2017-11-03
Agilent	Wideband Power Sensor	N1921A	MY54170013	2016-11-03	2017-11-03
Agilent	P-Series Power Meter	N1912A	MY5000448	2016-11-03	2017-11-03
Unknown	Coaxial Cable	C-SJ00-0010	C0010/04	Each Time	/

\* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

### Test Procedure

According to KDB 789033 D02 General UNII Test Procedures New Rules v01r04

### Test Data

#### Environmental Conditions

Temperature:	26.1~26.9°C
Relative Humidity:	44~52 %
ATM Pressure:	100.8~101.6 kPa

*The testing was performed by Blake Yang from 2017-10-21 to 2017-11-03.*

*Test Mode: Transmitting*

**Radio 0**

**SISO:**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)				Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	
5250-5350 MHz	802.11 a	5260	15.04	15.15	15.28	15.02	24
		5300	15.49	15.28	15.16	15.13	24
		5320	15.48	14.92	15.04	15.02	24
	802.11ht20	5260	15.11	15.04	15.04	14.67	24
		5300	15.22	15.08	14.92	14.93	24
		5320	14.81	15.02	15	15.1	24
	802.11ht40	5270	13.91	13.84	13.66	13.59	24
		5310	14.02	13.96	13.95	13.88	24
	802.11 ac20	5260	15.04	14.99	15.15	14.62	24
		5300	15.25	15.26	14.97	15.03	24
		5320	15.06	15.15	14.94	14.98	24
	802.11 ac40	5270	14.12	13.97	13.77	13.82	24
		5310	13.84	13.98	14.02	13.83	24
	802.11 ac80	5290	12.41	12.62	12.45	12.74	24

**Non-beamforming 2TX**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)			Limit (dBm)
			Chain 0	Chain 1	Total	
5250-5350 MHz	802.11 a	5260	15.21	15.33	18.28	24
		5300	15.52	15.38	18.46	24
		5320	15.41	15.03	18.23	24
	802.11ht20	5260	15.15	15.02	18.1	24
		5300	15.05	14.92	18	24
		5320	14.93	14.93	17.94	24
	802.11ht40	5270	13.76	13.9	16.84	24
		5310	14.02	13.93	16.99	24
	802.11 ac20	5260	15.03	14.83	17.94	24
		5300	15.15	15.36	18.27	24
		5320	14.97	15.27	18.13	24
	802.11 ac40	5270	14.26	14.14	17.21	24
		5310	13.77	13.93	16.86	24
	802.11 ac80	5290	12.56	12.42	15.5	24

Note: the device is a master device. All the antenna maximum antenna gains are 2.8dBi in 5GHz band, and employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;

So:

Directional gain = GANT + Array Gain = 2.8dBi < 6dBi

**Non-beamforming 3TX:**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)				Limit (dBm)
			Chain 0	Chain 1	Chain 2	Total (dBm)	
5250-5350 MHz	802.11 a	5260	15.21	15.26	15.1	19.96	24
		5300	15.52	15.22	15.02	20.03	24
		5320	15.38	14.8	15.04	19.85	24
	802.11ht20	5260	15.1	15.09	14.9	19.8	24
		5300	15.35	14.93	15.01	19.87	24
		5320	14.89	15.02	14.83	19.69	24
	802.11ht40	5270	13.82	13.86	13.79	18.59	24
		5310	14.12	13.95	14.06	18.82	24
	802.11 ac20	5260	14.96	14.91	15.17	19.79	24
		5300	15.07	15.44	15.07	19.97	24
		5320	15.23	15.19	14.94	19.89	24
	802.11 ac40	5270	14.1	13.79	13.79	18.67	24
		5310	13.8	13.95	13.85	18.64	24
	802.11 ac80	5290	12.35	12.79	12.44	17.3	24

Note: the device is a master device. All the antenna maximum antenna gains are 2.8dBi in 5GHz band, and employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;

So:

Directional gain = GANT + Array Gain = 2.8dBi < 6dBi

**Non-beamforming 4TX:**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)					Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Total (dBm)	
5250-5350 MHz	802.11 a	5260	15	15.25	15.26	15.12	21.18	24
		5300	15.48	15.21	15.25	15.15	21.29	24
		5320	15.53	14.87	14.96	15.14	21.15	24
	802.11ht20	5260	15.23	15.04	15.02	14.8	21.05	24
		5300	15.16	15.16	15.1	15.07	21.14	24
		5320	14.71	14.84	15.06	15.07	20.94	24
	802.11ht40	5270	13.78	13.93	13.56	13.45	19.7	24
		5310	13.86	14.06	14.03	13.82	19.96	24
	802.11 ac20	5260	14.91	15.12	15.21	14.74	21.02	24
		5300	15.34	15.43	15.12	15.04	21.26	24
		5320	15.15	15.12	14.87	15.05	21.07	24
	802.11 ac40	5270	14.16	13.8	13.93	13.62	19.9	24
		5310	13.91	13.92	14.04	14	19.99	24
	802.11 ac80	5290	12.47	12.6	12.57	12.75	18.62	24

Note: the device is a master device. All the antenna maximum antenna gains are 2.8dBi in 5GHz band, and employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;

So:

Directional gain = GANT + Array Gain = 2.8dBi < 6dBi

**Beamforming 2TX**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)			Limit (dBm)
			Chain 0	Chain 1	Total (dBm)	
5250-5350 MHz	802.11 a	5260	15.01	15.04	18.04	24
		5300	15.5	15.23	18.38	24
		5320	15.59	14.99	18.31	24
	802.11ht20	5260	15.1	14.95	18.04	24
		5300	15.04	15.01	18.04	24
		5320	14.71	15.18	17.96	24
	802.11ht40	5270	13.99	13.96	16.99	24
		5310	13.89	13.92	16.92	24
	802.11 ac20	5260	15.07	15.17	18.13	24
		5300	15.08	15.44	18.27	24
		5320	15.23	15.28	18.27	24
	802.11 ac40	5270	14.26	13.84	17.07	24
		5310	13.93	13.79	16.87	24
	802.11 ac80	5290	12.39	12.74	15.58	24

Note: the device is a master device.all the antenna maximum antenna gains are 2.8 dBi, and employed beamforming for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain =  $10 \log(NANT/NSS)$  dB;

So:

Directional gain = GANT + Array Gain = 2.8dBi +  $10 \log(1)$  =2.8dBi



**Beamforming 3TX:**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)				Limit (dBm)
			Chain 0	Chain 1	Chain 2	Total (dBm)	
5250-5350 MHz	802.11 a	5260	15.04	15.44	14.87	19.89	24
		5300	15.3	15.22	15.22	20.02	24
		5320	14.95	15.08	15.04	19.79	24
	802.11ht20	5260	15.18	15.06	14.51	19.7	24
		5300	15.11	14.85	14.96	19.75	24
		5320	14.85	15	15.24	19.8	24
	802.11ht40	5270	13.85	13.59	13.78	18.51	24
		5310	14.09	13.75	13.68	18.61	24
	802.11 ac20	5260	14.86	15.12	14.81	19.7	24
		5300	15.4	14.98	15.12	19.94	24
		5320	15.22	14.75	14.86	19.72	24
	802.11 ac40	5270	14.01	13.92	13.77	18.67	24
		5310	13.9	14.08	13.66	18.65	24
	802.11 ac80	5290	12.71	12.5	12.79	17.44	24

Note: the device is a master device.all the antenna maximum antenna gains are 2.8 dBi, and employed beamforming for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

$$\text{Array Gain} = 10 \log(\text{NANT}/\text{NSS}) \text{ dB};$$

So:

$$\text{Directional gain} = \text{GANT} + \text{Array Gain} = 2.8 \text{ dBi} + 10 \log(1) = 2.8 \text{ dBi}$$

**Beamforming 4TX:**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)					Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Total (dBm)	
5250-5350 MHz	802.11 a	5260	14.98	15.09	15.02	15.04	21.05	24
		5300	14.96	15.08	15.05	15.14	21.08	24
		5320	15.02	15.02	14.98	15.14	21.06	24
	802.11ht20	5260	15.13	15.07	15.09	14.78	21.04	24
		5300	15.25	15.14	14.73	14.87	21.02	24
		5320	14.92	15.01	15.14	15.25	21.1	24
	802.11ht40	5270	13.83	13.77	13.61	13.55	19.71	24
		5310	14.04	13.88	14.12	13.91	20.01	24
	802.11 ac20	5260	15.17	14.95	15.25	14.59	21.02	24
		5300	14.98	15.03	15.11	15.23	21.11	24
		5320	15.12	15.02	14.81	15.18	21.06	24
	802.11 ac40	5270	14.07	13.89	13.91	13.9	19.96	24
		5310	13.66	13.94	13.94	13.65	19.82	24
	802.11 ac80	5290	12.51	12.79	12.61	12.55	18.64	24

Note: the device is a master device.all the antenna maximum antenna gains are 2.8 dBi, and employed beamforming for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain =  $10 \log(NANT/NSS)$  dB;

So:

Directional gain = GANT + Array Gain = 2.8dBi +  $10 \log(1)$  = 2.8dBi

**Non-beamforming, AC80+80 Mode:**

Mode	Frequency (MHz)	Antenna Chain	Conducted Average Output Power (dBm)	Limit (dBm)
AC80+80	5210+5290	Chain 0+2	8.69	30
			8.99	30
		Chain 1+3	9.09	30
			8.97	30

**Beamforming 5150~5350MHz AC80+80 Mode:**

Mode	Frequency (MHz)	Antenna Chain	Conducted Average Output Power (dBm)	Limit (dBm)
AC80+80	5210+5290	Chain 0+2	8.54	30
			9.02	30
		Chain 1+3	9.09	30
			9.00	30

**Radio 1**  
**SISO:**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)				Limit (dBm)	
			Chain 0	Chain 1	Chain 2	Chain 3		
5250-5350 MHz	802.11 a	5260	17.75	17.74	17.92	17.62	24	
		5300	18.12	18.1	18.21	17.9	24	
		5320	18.08	18.2	18.08	17.87	24	
	802.11ht20	5260	17.76	18.07	18.23	17.89	24	
		5300	18.36	18.31	18.47	18.13	24	
		5320	18.28	18.12	18.43	18.18	24	
	802.11ht40	5270	16.95	17.21	17.28	16.74	24	
		5310	16.11	16.31	16.29	15.89	24	
	802.11 ac20	5260	17.71	17.99	18.11	17.79	24	
		5300	18.37	18.36	18.49	18.15	24	
		5320	18.24	18.46	18.24	18.15	24	
	802.11 ac40	5270	17.17	17.11	17.19	16.98	24	
		5310	16.38	16.23	16.12	16.45	24	
	802.11 ac80	5290	15.04	15.21	15.02	15.13	24	
	5470-5725 MHz	802.11 a	5500	17.95	17.87	18.05	17.9	24
			5580	18.09	17.93	17.9	18	24
5700			17.25	17.62	17.23	17.27	24	
5720			17.91	18.21	18.35	17.78	24	
802.11ht20		5500	18.14	18.31	18.35	18.18	24	
		5580	18.34	18.39	18.28	18.33	24	
		5700	17.69	17.85	17.89	17.91	24	
		5720	18.29	17.86	18.04	18.06	24	
802.11ht40		5510	16.74	16.71	16.91	16.64	24	
		5550	17.12	17.03	16.99	16.98	24	
		5670	16.8	17.09	16.82	16.65	24	
		5710	16.94	16.9	17.3	16.71	24	
802.11 ac20		5500	18.08	18.2	18.2	18.06	24	
		5580	18.31	18.28	18.09	18.25	24	
		5700	17.85	17.66	17.86	17.96	24	
		5720	18.24	18.34	18.02	18.09	24	
802.11 ac40		5510	16.67	16.52	16.62	16.62	24	
		5550	17.34	17.04	16.87	17.01	24	
		5670	17.08	17.1	17.04	16.92	24	
		5710	16.96	16.94	17.27	16.72	24	
802.11 ac80		5530	15.21	15.36	15.11	15.09	24	
		5610	15.31	15.13	15.46	15.32	24	
		5690	15.72	15.95	15.76	15.77	24	

**Non-beamforming 2TX**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)			Limit (dBm)
			Chain 0	Chain 1	Total	
5250-5350 MHz	802.11 a	5260	17.49	17.91	20.72	24
		5300	18.01	18.03	21.03	24
		5320	18.18	18.28	21.24	24
	802.11ht20	5260	17.95	17.89	20.93	24
		5300	18.02	18.03	21.04	24
		5320	18.14	17.91	21.04	24
	802.11ht40	5270	17.12	17.08	20.11	24
		5310	16.02	16.42	19.23	24
	802.11 ac20	5260	17.5	17.89	20.71	24
		5300	18.08	18.23	21.17	24
		5320	17.95	18.51	21.25	24
	802.11 ac40	5270	17.04	17.28	20.17	24
		5310	16.09	16.26	19.19	24
	802.11 ac80	5290	14.96	14.98	17.98	24
5470-5725 MHz	802.11 a	5500	17.93	17.73	20.84	24
		5580	18.1	18.07	21.1	24
		5700	17.35	17.82	20.6	24
		5720	18.01	18.2	21.12	24
	802.11ht20	5500	18.3	18.14	21.23	24
		5580	18.28	18.03	21.17	24
		5700	17.97	17.81	20.9	24
		5720	18.06	17.63	20.86	24
	802.11ht40	5510	16.97	16.71	19.85	24
		5550	17.16	17.32	20.25	24
		5670	17.02	16.85	19.95	24
		5710	17.08	16.71	19.91	24
	802.11 ac20	5500	18.02	18.43	21.24	24
		5580	18.38	18.25	21.33	24
		5700	17.85	17.7	20.79	24
		5720	18.48	18.38	21.44	24
	802.11 ac40	5510	16.8	16.29	19.56	24
		5550	17.11	17.17	20.15	24
		5670	16.82	17.1	19.97	24
		5710	17.16	17.19	20.19	24
	802.11 ac80	5530	15.47	15.53	18.51	24
		5610	15.42	14.94	18.2	24
		5690	15.52	15.83	18.69	24

Note: the device is a master device. All the antenna maximum antenna gains are 2.8dBi in 5GHz band, and employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;

So:

Directional gain = GANT + Array Gain = 2.8dBi < 6dBi

**Non-beamforming 3TX:**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)				Limit (dBm)	
			Chain 0	Chain 1	Chain 2	Total (dBm)		
5250-5350 MHz	802.11 a	5260	16.44	16.15	16.52	21.14	24	
		5300	16.61	16.46	16.28	21.22	24	
		5320	16.56	16.44	16.45	21.25	24	
	802.11ht20	5260	16.31	16.48	16.49	21.2	24	
		5300	16.74	16.63	16.53	21.41	24	
		5320	16.66	16.45	16.59	21.34	24	
	802.11ht40	5270	16.68	17.09	17.4	21.84	24	
		5310	15.92	16.16	16.01	20.8	24	
	802.11 ac20	5260	16.55	16.44	16.49	21.26	24	
		5300	16.12	16.18	16.46	21.03	24	
		5320	16.62	16.49	16.64	21.36	24	
	802.11 ac40	5270	17.03	16.86	17.14	21.78	24	
		5310	16.48	15.96	16.25	21.01	24	
	802.11 ac80	5290	15.23	15.08	15.24	19.96	24	
	5470-5725 MHz	802.11 a	5500	16.59	16.58	16.68	21.39	24
			5580	16.55	16.6	16.64	21.37	24
5700			15.65	16.13	16.08	20.73	24	
5720			16.42	16.45	16.55	21.24	24	
802.11ht20		5500	16.46	16.29	16.48	21.18	24	
		5580	16.29	16.45	16.46	21.17	24	
		5700	16.03	16.28	16.25	20.96	24	
		5720	16.29	16.29	16.57	21.16	24	
802.11ht40		5510	16.9	16.56	17.05	21.61	24	
		5550	17.14	16.85	16.88	21.73	24	
		5670	16.69	16.8	17.02	21.61	24	
		5710	17.01	16.65	17.49	21.83	24	
802.11 ac20		5500	16.22	16.17	16.29	21	24	
		5580	16.45	16.29	16.16	21.07	24	
		5700	16.31	16.31	16.25	21.06	24	
		5720	16.29	16.44	16.44	21.16	24	
802.11 ac40		5510	16.73	16.57	16.52	21.38	24	
		5550	17.08	17.04	16.89	21.78	24	
		5670	17.24	16.96	16.85	21.79	24	
		5710	16.89	17.18	17.35	21.92	24	
802.11 ac80		5530	15.22	15.1	14.88	19.84	24	
		5610	15.61	15.18	15.3	20.14	24	
		5690	15.76	16.07	15.89	20.68	24	

Note: the device is a master device. All the antenna maximum antenna gains are 2.8dBi in 5GHz band, and employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;

So:

Directional gain = GANT + Array Gain = 2.8dBi < 6dBi

**Non-beamforming 4TX:**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)					Limit (dBm)
			Chain 0	Chain 1	Chain 2	Chain 3	Total (dBm)	
5250-5350 MHz	802.11 a	5260	14.83	14.28	14.53	14.27	20.5	24
		5300	14.56	14.75	14.68	14.55	20.66	24
		5320	14.7	14.54	14.72	14.32	20.59	24
	802.11ht20	5260	14.65	14.34	14.68	14.61	20.59	24
		5300	14.57	14.4	14.46	14.5	20.5	24
		5320	14.72	14.35	14.56	14.57	20.57	24
	802.11ht40	5270	16.97	16.88	17.58	17.02	23.14	24
		5310	15.89	16.35	16.06	16.1	22.12	24
	802.11 ac20	5260	14.41	14.79	14.85	14.22	20.6	24
		5300	14.25	14.01	14.68	14.56	20.4	24
		5320	14.56	14.66	14.3	14.41	20.51	24
	802.11 ac40	5270	17.25	16.81	17.15	16.71	23.01	24
		5310	16.37	16.21	16.52	16.2	22.35	24
	802.11 ac80	5290	15.24	15.24	15.28	15.31	21.29	24
5470-5725 MHz	802.11 a	5500	14.24	14.4	14.53	14.56	20.45	24
		5580	14.4	14.53	14.51	14.62	20.54	24
		5700	14.35	14.55	14.36	14.25	20.4	24
		5720	14.26	14.29	14.56	14.43	20.41	24
	802.11ht20	5500	14.48	14.6	14.64	14.8	20.65	24
		5580	14.5	14.71	14.53	14.3	20.53	24
		5700	14.15	14.12	14.44	14.53	20.33	24
		5720	14.24	14.61	14.46	14.62	20.51	24
	802.11ht40	5510	17.14	16.66	17.23	16.74	22.97	24
		5550	16.88	16.64	16.91	16.83	22.84	24
		5670	16.54	16.76	17.25	16.7	22.84	24
		5710	16.81	16.52	17.63	16.78	22.98	24
	802.11 ac20	5500	14.11	14.58	14.27	14.69	20.44	24
		5580	14.29	14.23	14.43	14.76	20.45	24
		5700	14.41	14.52	14.36	14.61	20.5	24
		5720	14.16	14.26	14.39	15.09	20.51	24
	802.11 ac40	5510	16.88	16.7	16.56	16.73	22.74	24
		5550	16.85	17.27	16.77	16.91	22.97	24
		5670	17.18	16.95	16.8	16.76	22.95	24
		5710	16.96	16.94	17.39	16.83	23.06	24
	802.11 ac80	5530	15.23	14.88	15.08	15.29	21.14	24
		5610	15.62	14.92	15.02	15.31	21.25	24
		5690	15.67	15.78	15.82	15.55	21.73	24

Note: the device is a master device. All the antenna maximum antenna gains are 2.8dBi in 5GHz band, and employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;

So:

Directional gain = GANT + Array Gain = 2.8dBi < 6dBi

**Beamforming 2TX**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)			Limit (dBm)
			Chain 0	Chain 1	Total (dBm)	
5250-5350 MHz	802.11 a	5260	17.55	17.23	20.4	24
		5300	17.49	17.54	20.53	24
		5320	17.75	17.56	20.67	24
	802.11ht20	5260	17.95	17.54	20.76	24
		5300	17.52	17.15	20.35	24
		5320	17.48	17.23	20.37	24
	802.11ht40	5270	16.06	16.21	19.15	24
		5310	16.52	16.37	19.46	24
	802.11 ac20	5260	17.22	17.23	20.24	24
		5300	17.49	17.31	20.41	24
		5320	17.83	17.32	20.59	24
	802.11 ac40	5270	16.06	16.11	19.1	24
		5310	16.2	16.62	19.43	24
	802.11 ac80	5290	15.6	15.84	18.73	24
5470-5725 MHz	802.11 a	5500	17.32	17.62	20.48	24
		5580	17.46	17.32	20.4	24
		5700	17.74	17.52	20.64	24
	802.11ht20	5500	17.14	17.32	20.24	24
		5580	17.32	17.55	20.45	24
		5700	17.56	17.52	20.55	24
	802.11ht40	5510	16.17	16.2	19.2	24
		5550	16.41	16.53	19.48	24
		5670	16.27	16.08	19.19	24
		5710	16.29	16.61	19.46	24
	802.11 ac20	5500	17.55	17.41	20.49	24
		5580	17.65	17.74	20.71	24
		5700	17.32	17.59	20.47	24
	802.11 ac40	5510	16.08	16.21	19.16	24
		5550	16.42	16.54	19.49	24
		5670	16.5	16.24	19.38	24
		5710	16.16	16.48	19.33	24
	802.11 ac80	5530	15.38	15.32	18.36	24
		5610	15.36	15.41	18.4	24
		5690	15.24	15.01	18.14	24

Note: the device is a master device.all the antenna maximum antenna gains are 2.8 dBi, and employed beamforming for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain =  $10 \log(NANT/NSS)$  dB;

So:

Directional gain = GANT + Array Gain = 2.8dBi +  $10 \log(1)$  = 2.8dBi



**5G1, Beamforming 3TX:**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)				Limit (dBm)
			Chain 0	Chain 1	Chain 2	Total	
5250-5350 MHz	802.11 a	5260	15.85	15.25	15.04	20.16	24
		5300	15.57	15.57	15.62	20.36	24
		5320	15.56	15.39	15.64	20.3	24
	802.11ht20	5260	16.03	15.62	15.4	20.46	24
		5300	15.58	15.28	15.56	20.25	24
		5320	15.52	15.4	15.69	20.31	24
	802.11ht40	5270	15.05	15.12	15.21	19.9	24
		5310	15.44	15.33	15.57	20.22	24
	802.11 ac20	5260	15.02	15.5	15.44	20.1	24
		5300	15.24	15.17	15.16	19.96	24
		5320	15.57	15.25	15.26	20.13	24
	802.11 ac40	5270	15.26	15.15	15.69	20.14	24
		5310	15.46	15.36	15.9	20.35	24
	802.11 ac80	5290	14.7	14.81	14.96	19.6	24
	5470-5725 MHz	802.11 a	5500	15.31	15.74	15.54	20.3
5580			15.74	15.07	15.42	20.19	24
5700			15.97	15.72	15.31	20.45	24
802.11ht20		5500	15.06	15.36	14.99	19.91	24
		5580	15.61	15.31	15.52	20.25	24
		5700	15.39	15.76	15.66	20.38	24
802.11ht40		5510	14.94	15.15	15.43	19.95	24
		5550	15.52	15.3	15.47	20.2	24
		5670	15	15.08	14.98	19.79	24
		5710	15.53	15.5	15.68	20.34	24
802.11 ac20		5500	15.5	15.59	15.62	20.34	24
		5580	15.57	15.65	15.73	20.42	24
		5700	15.6	15.6	15.59	20.37	24
802.11 ac40		5510	14.97	15.07	15.19	19.85	24
		5550	15.6	15.6	15.59	20.37	24
		5670	15.25	15.14	15.74	20.16	24
		5710	15.42	15.61	15.31	20.22	24
802.11 ac80		5530	14.54	14.02	14.15	19.01	24
	5610	14.2	14.33	14.49	19.11	24	
	5690	14.31	14.18	13.84	18.89	24	

Note: the device is a master device.all the antenna maximum antenna gains are 2.8 dBi, and employed beamforming for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain =  $10 \log(NANT/NSS)$  dB;

So:

Directional gain = GANT + Array Gain = 2.8dBi +  $10 \log(1)$  = 2.8dBi

**5G1, Beamforming 4TX:**

UNII Band	Mode	Frequency (MHz)	Conducted Average Output Power (dBm)					Limit (dBm)	
			Chain 0	Chain 1	Chain 2	Chain 3	Total		
5250-5350 MHz	802.11 a	5260	14.76	14.25	14.33	13.75	20.31	24	
		5300	14.68	14.78	14.8	14.45	20.7	24	
		5320	14.76	14.78	14.31	14.5	20.61	24	
	802.11ht20	5260	14.73	14.51	14.38	14.93	20.66	24	
		5300	14.39	13.92	14.66	14.19	20.32	24	
		5320	14.66	14.49	14.75	14.32	20.58	24	
	802.11ht40	5270	14.3	14.19	14.4	14.41	20.35	24	
		5310	14.8	14.43	14.38	14.61	20.58	24	
	802.11 ac20	5260	14.01	14.04	14.41	14.06	20.15	24	
		5300	14.29	14.48	14.43	14.29	20.39	24	
		5320	14.91	14.08	14.14	14.66	20.48	24	
	802.11 ac40	5270	13.86	14.08	14.63	14.45	20.29	24	
		5310	14.25	14.78	14.98	14.7	20.71	24	
	802.11 ac80	5290	13.44	13.85	13.98	13.83	19.8	24	
	5470-5725 MHz	802.11 a	5500	14.32	14.36	14.55	14.97	20.58	24
			5580	14.25	14.61	14.04	13.93	20.24	24
5700			14.85	14.66	14.31	14.09	20.51	24	
802.11ht20		5500	14.05	14.38	14.37	14.53	20.36	24	
		5580	14.1	14.56	14.36	14.32	20.36	24	
		5700	14.81	14.35	14.4	14.55	20.55	24	
802.11ht40		5510	14.3	14.02	14.47	14.3	20.3	24	
		5550	14.4	14.33	14.71	14.37	20.48	24	
		5670	14.22	14.35	14.21	14.19	20.26	24	
		5710	14.45	14.48	14.84	14.97	20.71	24	
802.11 ac20		5500	14.74	14.57	14.49	14.53	20.6	24	
		5580	14.41	14.68	14.34	14.75	20.57	24	
		5700	14.25	14.3	14.83	14.62	20.53	24	
802.11 ac40		5510	14.35	14.34	14.24	14.29	20.33	24	
		5550	14.41	14.68	14.4	14.11	20.43	24	
		5670	14.71	13.97	14.57	14.72	20.52	24	
		5710	13.95	14.6	14.61	14.37	20.41	24	
802.11 ac80		5530	13.51	13.25	13.08	13.22	19.29	24	
		5610	13.18	13.45	13.76	13.87	19.59	24	
		5690	13.04	12.87	12.55	12.74	18.82	24	

Note: the device is a master device.all the antenna maximum antenna gains are 2.8 dBi, and employed beamforming for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 10 log(NANT/NSS) dB;

So:

Directional gain = GANT + Array Gain = 2.8dBi + 10 log(1) = 2.8dBi

**Non-beamforming AC80+80 Mode:**

Mode	Frequency (MHz)	Antenna Chain	Conducted Average Output Power (dBm)	Limit (dBm)
AC80+80	5210+5290	Chain 0+2	12.84	30
			12.54	24
		Chain 1+3	12.54	30
			12.65	30
	5530+5610	Chain 0+2	12.72	24
			12.46	24
		Chain 1+3	12.39	24
			12.67	24
	5210+5775	Chain 0+2	12.65	30
			12.39	30
		Chain 1+3	12.45	30
			12.33	30
5290+5690	Chain 0+2	12.79	24	
		12.49	24	
	Chain 1+3	13.24	24	
		12.62	24	

**Beamforming AC80+80 Mode:**

Mode	Frequency (MHz)	Antenna Chain	Conducted Average Output Power (dBm)	Limit (dBm)
AC80+80	5210+5290	Chain 0+2	12.32	30
			12.43	24
		Chain 1+3	12.44	30
			12.21	30
	5530+5610	Chain 0+2	12.43	24
			12.42	24
		Chain 1+3	12.33	24
			12.62	24
	5210+5775	Chain 0+2	12.63	30
			12.34	30
		Chain 1+3	12.44	30
			12.21	30
	5290+5690	Chain 0+2	12.23	24
			12.34	24
		Chain 1+3	13.22	24
			12.33	24