

FCC 15.407 NII 5 GHz WLAN Report

for

Contec Co., Ltd.

3-9-31, Himesato, Nishiyodogawa-ku, Osaka,
555-0025, Japan

Brand : CONTEC
**Product Name : IEEE802.11n/a/b/g Wireless
LAN Access Point Board**
Model Name : FXE3000-US
FCC ID : PQRFXE3000-US

TABLE OF CONTENTS

Description	Page
TEST REPORT CERTIFICATION	4
1. REPORT HISTORY.....	5
2. SUMMARY OF TEST RESULTS	6
3. GENERAL INFORMATION	7
3.1. Description of EUT	7
3.2. EUT Specifications Assessed in Current Report.....	8
3.3. Antenna Information.....	10
3.4. Data Rate Relative to Output Power.....	11
3.5. Test Configuration.....	12
3.6. Tested Supporting System List.....	13
3.7. Setup Configuration	14
3.8. Operating Condition of EUT	14
3.9. Description of Test Facility	14
3.10. Measurement Uncertainty	15
4. MEASUREMENT EQUIPMENT LIST	16
4.1. Conducted Emission Measurement.....	16
4.2. Radiated Emission Measurement.....	16
4.3. RF Conducted Measurement.....	17
5. CONDUCTED EMISSION MEASUREMENT.....	18
5.1. Block Diagram of Test Setup	18
5.2. Power Line Conducted Emission Limit	18
5.3. Test Procedure	18
5.4. Conducted Emission Measurement Results	19
6. RADIATED EMISSION MEASUREMENT	21
6.1. Block Diagram of Test Setup	21
6.2. Radiated Emission Limits	22
6.3. Test Procedure	23
6.4. Measurement Result Explanation	24
6.5. Test Results.....	24
7. EMISSION BANDWIDTH MEASUREMENT	196
7.1. Block Diagram of Test Setup	196
7.2. Specification Limits	196
7.3. Test Procedure	196
7.4. Test Results.....	196
8. MAXIMUM OUTPUT POWER MEASUREMENT	197
8.1. Block Diagram of Test Setup	197
8.2. Specification Limits	197
8.3. Test Procedure	198
8.4. Test Results.....	198
9. EMISSION LIMITATIONS MEASUREMENT	199
9.1. Block Diagram of Test Setup	199
9.2. Specification Limits	199

AUDIX Technology Corp.
No. 53-11, Dingfu, Linkou, Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

9.3. Test Procedure	199
9.4. Test Results	199
10. POWER SPECTRAL DENSITY MEASUREMENT	200
10.1. Block Diagram of Test Setup	200
10.2. Specification Limits	200
10.3. Test Procedure	200
10.4. Test Results	200
11. DEVIATION TO TEST SPECIFICATIONS	201

APPENDIX A TEST PLOTS
APPENDIX B TEST PHOTOGRAPHS

TEST REPORT CERTIFICATION

Applicant : Contec Co., Ltd.
Manufacture : Contec Co., Ltd.
Product Name : IEEE802.11n/a/b/g Wireless LAN Access Point Board
Model No. : FXE3000-US
Serial No. : N/A
Brand : CONTEC

Applicable Standards:

FCC 47 CFR Part 15 Subpart E:2015
ANSI C63.10:2013
789033 D02 General UNII Test Procedures New Rules v01r02

AUDIX Technology Corp. tested the equipment mentioned in accordance with the requirements set forth in the above standards. Test results indicate that the equipment tested is capable of demonstrating compliance with the requirements as documented within this report. **AUDIX Technology Corp.** does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens and samples.

Date of Test: 2016. 03. 26 ~ 07. 15

Date of Report: 2016. 07. 18

Producer: Annie Yu
(Annie Yu/Administrator)

Signatory: Jarwei Wang
(Jarwei Wang/Section Manager)

1. REPORT HISTORY

Revision	Date	Revision Summary	Report Number
0	2016. 07. 18	Original Report.	EM-F160207

2. SUMMARY OF TEST RESULTS

Rule	Description	Results
15.207	Conducted Emission	PASS
15.205	Radiated Band Edge and Radiated Spurious Emission	PASS
15.407(a)(5)/15.407(e)	Emission Bandwidth Measurement	PASS
15.407(a)	Maximum Output	PASS
15.407(b)	Conducted Band Edges and Conducted Spurious Emission	PASS
15.407(a)	Power Spectral Density	PASS
15.203	Antenna Requirement	PASS

3. GENERAL INFORMATION

3.1. Description of EUT

Product	IEEE802.11n/a/b/g Wireless LAN Access Point Board	
Model Number	FXE3000-US	
Serial Number	N/A	
Brand Name	CONTEC	
Applicant	Contec Co., Ltd. 3-9-31, Himesato, Nishiyodogawa-ku, Osaka, 555-0025, Japan	
Manufacture	Contec Co., Ltd. 3-9-31, Himesato, Nishiyodogawa-ku, Osaka, 555-0025, Japan	
RF Features	802.11a/b/g/n	
Transmit Type	2.4 GHz	
	802.11b	1T1R
	802.11g	1T1R
	802.11n-HT20	2T2R
	802.11n-HT40	2T2R
	UNII Bands	
	802.11a	1T1R
	802.11n-HT20	2T2R
	802.11n-HT40	2T2R
Device Category	☐ Outdoor Access Point ☐ Fixed point-to-point Access Point ☐ Indoor Access Point ☒ Mobile and Portable client device	
Date of Receipt of Sample	2016. 03. 11	

3.2. EUT Specifications Assessed in Current Report

Mode	UNII Band	Fundamental Range (MHz)	Channel Number	Modulation	Data Rate (Mbps)	
802.11a	I	5180-5240	4	OFDM Modulation (BPSK/QPSK/16QAM/64QAM)	Up to 54	
	II-2A	5260-5320	4			
	II-2C	5500-5700	8			
	III	5745-5825	5			
802.11n-HT20	I	5180-5240	4	OFDM Modulation (BPSK/QPSK/16QAM/64QAM)	MCS0~15	
	II-2A	5260-5320	4			
	II-2C	5500-5700	8			
	III	5745-5825	5			
802.11n-HT40	I	5190-5230	2	OFDM Modulation (BPSK/QPSK/16QAM/64QAM)		
	II-2A	5270-5310	2			
	II-2C	5510-5670	4			
	III	5755-5795	2			
Remark: UNII Band II (DFS Function, Slave/no In service monitor, no Ad-Hoc mode)						

Channel List					
802.11a/n-HT20					
UNII Band	Channel Number	Frequency (MHz)	UNII Band	Channel Number	Frequency (MHz)
I	36	5180	II-2C	112	5560
	40	5200		116	5580
	44	5220		132	5660
	48	5240		136	5680
II-2A	52	5260		140	5700
	56	5280	III	149	5745
	60	5300		153	5765
	64	5320		157	5785
II-2C	100	5500		161	5805
	104	5520		165	5825
	108	5540			

Channel List					
802.11n-HT40					
UNII Band	Channel Number	Frequency (MHz)	UNII Band	Channel Number	Frequency (MHz)
I	38	5190	II-2C	110	5550
	46	5230		134	5670
II-2A	54	5270	III	151	5755
	62	5310		159	5795
II-2C	102	5510			

Note : Test modes are presented at section 3.5.

3.3. Antenna Information

2.4G Antenna							
No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain (dBi)		Directional Gain (dBi)
					Chain 0	Chain 1	
1	MR-1700-W	Azure Solutions, Inc.	Low Profile Vertical	1700 to 2500	4	4	7.01 ^{Note1}
2	ANTDP-048A	SANSEI ELECTRIC CO., LTD	Dipole	2400 to 2500	2.14	2.14	5.15 ^{Note2}
3	ACM3-5036-A1-CC-S (FX-ANT-A8)	INPAQ TECHNOLOGY CO., LTD	Chip (ANT3, ANT4)	2400 to 2500	3.0	3.0	6.01 ^{Note3}
4	ACM3-5036-A1-CC-S (Integrated Antenna)	INPAQ TECHNOLOGY CO., LTD	Chip (ANT1, ANT2)	2400 to 2500	3.0	3.0	6.01 ^{Note3}
Note 1. Directional gain = $10 \log[(10^{4.0/20} + 10^{4.0/20})^2 / 2] = 7.01\text{dBi}$ Note 2. Directional gain = $10 \log[(10^{2.14/20} + 10^{2.14/20})^2 / 2] = 5.15\text{dBi}$ Note 3. Directional gain = $10 \log[(10^{3.0/20} + 10^{3.0/20})^2 / 2] = 6.01\text{dBi}$							

5G Antenna							
No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain (dBi)		Directional Gain (dBi)
					Chain 0	Chain 1	
1	MR-6000	Azure Solutions, Inc.	Low Profile Vertical	4900 to 6000	4	4	7.01 ^{Note1}
2	ANTDP-048A	SANSEI ELECTRIC CO., LTD	Dipole	5100 to 5825	2.14	2.14	5.15 ^{Note2}
3	ACM3-5036-A1-CC-S (FX-ANT-A8)	INPAQ TECHNOLOGY CO., LTD	Chip (ANT3, ANT4)	5000 to 6000	3.3	3.3	6.31 ^{Note3}
4	ACM3-5036-A1-CC-S (Integrated Antenna)	INPAQ TECHNOLOGY CO., LTD	Chip (ANT1, ANT2)	5000 to 6000	3.3	3.3	6.31 ^{Note3}
Note 1. Directional gain = $10 \log[(10^{4.0/20} + 10^{4.0/20})^2 / 2] = 7.01\text{dBi}$ Note 2. Directional gain = $10 \log[(10^{2.14/20} + 10^{2.14/20})^2 / 2] = 5.15\text{dBi}$ Note 3. Directional gain = $10 \log[(10^{3.3/20} + 10^{3.3/20})^2 / 2] = 6.31\text{dBi}$							

3.4. Data Rate Relative to Output Power

802.11a			
Channel	Modulation	Date Rate	Power (dBm)
36	BPSK	6	20.02
36	QPSK	9	19.98
36	QPSK	12	19.93
36	16-QAM	18	19.91
36	16-QAM	24	18.96
36	64-QAM	36	18.92
36	64-QAM	48	18.87
36	64-QAM	54	18.80

802.11n-HT20							
Channel	Modulation	Date Rate	Power (dBm)	Channel	Modulation	Date Rate	Power (dBm)
36	BPSK	MCS0	24.66	36	BPSK	MCS8	24.74
36	QPSK	MCS1	24.62	36	QPSK	MCS9	24.70
36	QPSK	MCS2	24.58	36	QPSK	MCS10	24.65
36	16-QAM	MCS3	24.57	36	16-QAM	MCS11	24.61
36	16-QAM	MCS4	24.54	36	16-QAM	MCS12	24.58
36	64-QAM	MCS5	24.51	36	64-QAM	MCS13	24.53
36	64-QAM	MCS6	24.44	36	64-QAM	MCS14	24.46
36	64-QAM	MCS7	24.38	36	64-QAM	MCS15	24.44

802.11n-HT40							
Channel	Modulation	Date Rate	Power (dBm)	Channel	Modulation	Date Rate	Power (dBm)
38	BPSK	MCS0	17.29	38	BPSK	MCS8	17.36
38	QPSK	MCS1	17.26	38	QPSK	MCS9	17.31
38	QPSK	MCS2	17.23	38	QPSK	MCS10	17.28
38	16-QAM	MCS3	17.21	38	16-QAM	MCS11	17.22
38	16-QAM	MCS4	17.16	38	16-QAM	MCS12	17.16
38	64-QAM	MCS5	17.11	38	64-QAM	MCS13	17.13
38	64-QAM	MCS6	17.06	38	64-QAM	MCS14	17.09
38	64-QAM	MCS7	17.02	38	64-QAM	MCS15	17.04

Note: Above results are assessed in average power.

3.5. Test Configuration

Mode	Duty Cycle (x)	T (ms)	Duty Cycle Factor (dB)
802.11a	1	N/A	N/A
802.11n-HT20	1	N/A	N/A
802.11n-HT40	1	N/A	N/A

Note: When duty cycle is less than 98% (0.98) that duty cycle factor $10\log(1/x)$ is needed to add in conducted test items measured in average detector.

AC Conduction	
Test Case	Normal operation

Item		Mode	Data Rate	Test Channel
Radiated Test Case	Radiated Band Edge ^{Note1}	802.11a	6 Mbps	36/64/100/140/149/165
		802.11n-HT20	MCS8	
		802.11n-HT40	MCS8	38/62/102/134/151/159
	Radiated Spurious Emission ^{Note1 & 2}	802.11a	6 Mbps	36/52/116/157
		802.11n-HT20	MCS8	40/64/116/157
		802.11n-HT40	MCS8	46/54/110/159
Conducted Test Case ^{Note3}	Emission Bandwidth	802.11a	6 Mbps	36/40/48/52/60/64
		802.11n-HT20	MCS8	100/116/140
		802.11n-HT40	MCS8	149/157/165
	Maximum output power	802.11a	6 Mbps	38/46/54/62/102
		802.11n-HT20	MCS8	110/134/151/159
		802.11n-HT40	MCS8	110/134/151/159
	Emission Limitations	802.11a	6 Mbps	36/40/48/52/60/64
		802.11n-HT20	MCS8	100/116/140
		802.11n-HT40	MCS8	149/157/165

Item		Mode	Data Rate	Test Channel
Conducted Test Case Note3	Power spectral density	802.11a	6 Mbps	36/40/48/52/56/64
		802.11n-HT20	MCS8	100/116/140 149/157/165
		802.11n-HT40	MCS8	38/46/54/62/102 118/134/151/159

Note 1:

☐ Mobile Device☒ Portable Device, and 3 axis were assessed. The worst scenario for Radiated Spurious Emission as follow:

- ☒ Lie
- ☐ Side
- ☐ Stand

Note 2: Low, mid, and high channels were measured, only the worst channel of each modulation was presented in this report.

Note 3: We performed testing of the highest Antenna Type ACM3-5036-A1-CC-S (Integrated Antenna).

3.6. Tested Supporting System List

3.6.1. Support Peripheral Unit

No.	Product	Brand	Model No.	Serial No.	FCC ID
1.	Notebook PC	ASUS	X5502E	N/A	PPD-AR5B225

3.6.2. Cable Lists

No.	Cable Description Of The Above Support Units
1.	LAN Cable: Unshielded, Detachable, 1.5m AC Adapter: Enerironix, M/N: EXA1208UH AC Power Cord: Unshielded, Detachable, 1.8m DC Power Cord: Unshielded, Undetachable, 1.8m

3.7. Setup Configuration

3.7.1. EUT Configuration for Power Line Emission



3.7.2. EUT Configuration for Conducted Test Items



3.8. Operating Condition of EUT

Test program “artgui” is used for enabling EUT WLAN function under continues transmitting and choosing data rate/ channel.

3.9. Description of Test Facility

Test Firm Name	:	AUDIX Technology Corporation EMC Department No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan
Test Location & Facility	:	No. 8 Shielded Room Semi-Anechoic Chamber & Fully Semi-Anechoic Chamber No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan
NVLAP Lab. Code	:	200077-0
TAF Accreditation No	:	1724

3.10.Measurement Uncertainty

Test Item	Frequency Range	Uncertainty
Conduction Test	150kHz~30MHz	±3.5dB
Radiation Test (Distance: 3m)	30MHz~1000MHz	± 3.68dB
	Above 1GHz	± 5.82dB

Remark : Uncertainty = $k u_c(y)$

Test Item	Uncertainty
Emission Bandwidth	± 0.2kHz
Maximum output power	± 0.33dB
Power spectral density	± 0.13dB
Conducted Emission Limitations	± 0.13dB

4. MEASUREMENT EQUIPMENT LIST

4.1. Conducted Emission Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Test Receiver	R&S	ESR3	101774	2016. 02. 04	1 Year
2.	A.M.N.	R&S	ENV4200	825358/003	2015. 04. 07	1 Year
3.	L.I.S.N.	Kyoritsu	KNW-407	8-855-9	2015. 12. 23	1 Year
4.	Pulse Limiter	R&S	ESH3-Z2	100354	2016. 01. 17	1 Year
5.	Test Software	Audix	e3	V.6.120424	N.C.R.	N.C.R.

4.2. Radiated Emission Measurement

4.2.1. Frequency Range 30MHz~1000MHz

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9010A-526	MY53400071	2015. 09. 14	1 Year
2.	Test Receiver	R & S	ESCS30	100338	2015. 06. 24	1 Year
3.	Amplifier	HP	8447D	2944A06305	2016. 02. 23	1 Year
4.	Bilog Antenna	TESEQ	CBL6112D	33821	2016. 01. 30	1 Year
5.	Loop Antenna	R&S	HFH2-Z2	891847/27	2015. 12. 24	1 Year
6.	Test Software	Audix	e3	V.6.110601	N.C.R.	N.C.R.

4.2.2. Frequency Range Above 1GHz

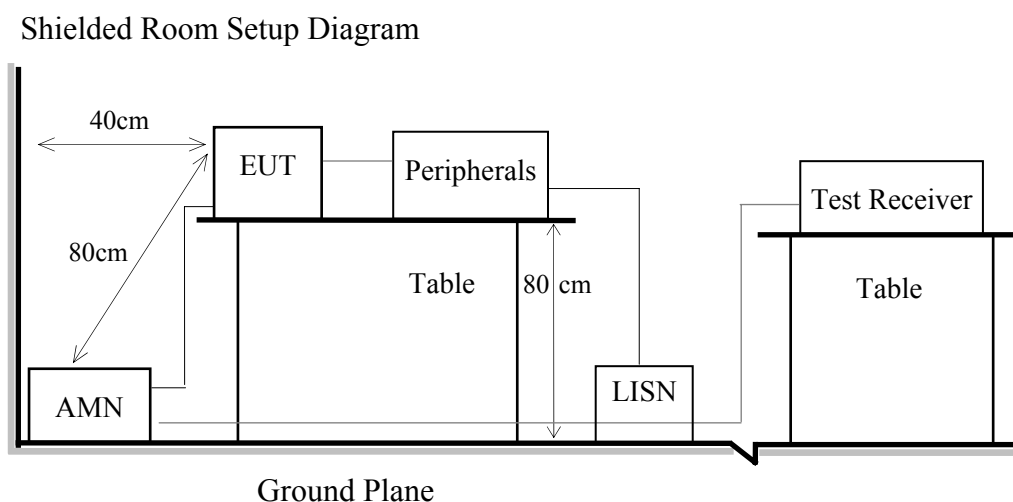
Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	2015. 08. 20	1 Year
2.	Amplifier	Sonoma	310N	187161	2015. 06. 17	1 Year
3.	Microwave Amplifier	Keysight	83051A	MY53010042	2015. 08. 13	1 Year
4.	5G Notch Filter	Microwave Circuits	N0452502	459775	2016. 01. 28	1 Year
5.	5G Notch Filter	Microwave Circuits	N0555983	459481	2016. 01. 28	1 Year
6.	5G Notch Filter	Microwave Circuits	N0258771	459776	2016. 01. 28	1 Year
7.	Double-Ridged Waveguide Horn	ETS-Lindgren	3117	00135902	2016. 03. 05	1 Year
8.	Horn Antenna	EMCO	3116	2653	2015. 10. 20	1 Year
9.	Test Software	Audix	e3	V.6.110601	N.C.R.	N.C.R.

4.3. RF Conducted Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9030A-544	US51350140	2016. 06. 07	1 Year
2.	Power Meter	Anritsu	ML2495A	1145008	2015. 10. 23	1 Year
3.	Power Sensor	Anritsu	MA2411B	1126096	2015. 10. 23	1 Year

5. CONDUCTED EMISSION MEASUREMENT

5.1. Block Diagram of Test Setup



5.2. Power Line Conducted Emission Limit

Frequency	Conducted Limit	
	Quasi-Peak Level	Average Level
150kHz ~ 500kHz	66 ~ 56 dB μ V	56 ~ 46 dB μ V
500kHz ~ 5MHz	56 dB μ V	46 dB μ V
5MHz ~ 30MHz	60 dB μ V	50 dB μ V

Remark 1.: If the average limit is met when using a Quasi-Peak detector, the measurement using the average detector is not required.

2.: The lower limit applies to the band edges.

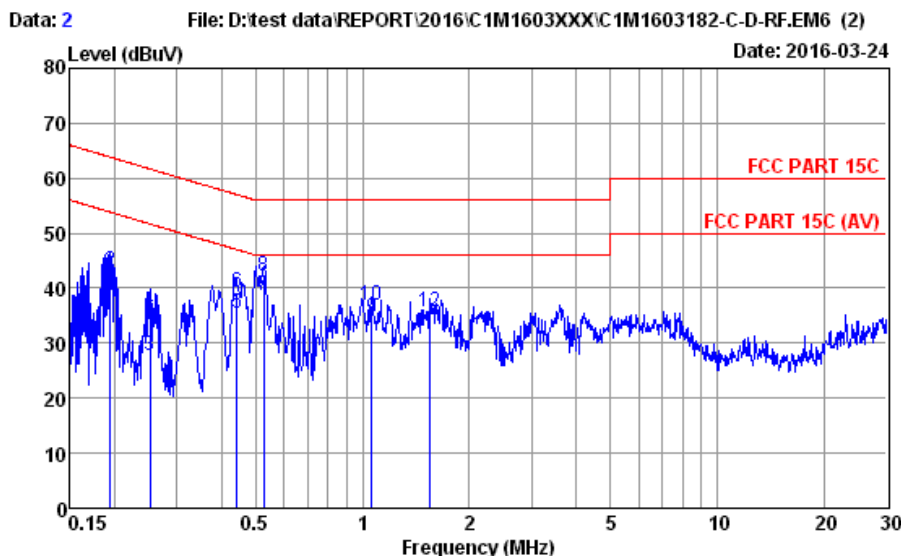
5.3. Test Procedure

- 5.3.1. To set up the EUT as indicated in ANSI C 63.10. The EUT was placed on the table which has 80 cm height to the ground and 40 cm distance to the conducting wall.
- 5.3.2. Power supplier of the EUT was connected to the AC mains through an Artificial Mains Network (A.M.N.).
- 5.3.3. The AC power supplies to all peripheral devices must be provided through line impedance stabilization network (L.I.S.N.)
- 5.3.4. Checking frequency range from 150 kHz to 30 MHz and record the emission which does not have 20 dB below limit.

5.4. Conducted Emission Measurement Results

PASSED.

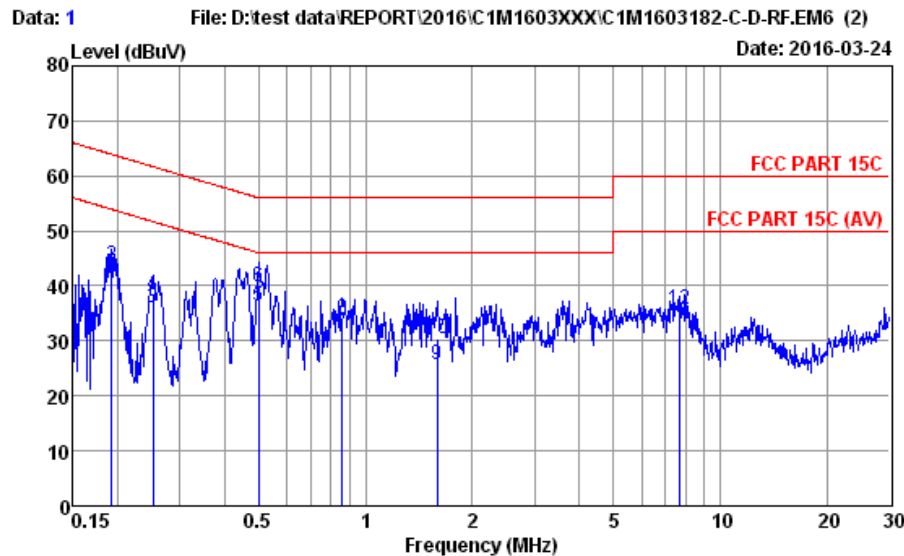
Test Date	2016/03/24	Temp./Hum.	22 /49%
Test Voltage	DC 3.3V		



Site no. : No.8 Shielded Room Data no. : 2
Condition : ENV4200 100169 Phase : NEUTRAL
Limit : FCC PART 15C
Env. / Ins. : 22°C / 49% ESR (1774) Engineer : Tim
EUT : FXE3000-US
Power Rating : 120V/60Hz
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.194	11.27	0.03	9.85	12.80	33.95	53.84	19.89	Average
2	0.194	11.27	0.03	9.85	21.96	43.11	63.84	20.73	QP
3	0.252	11.17	0.03	9.86	6.64	27.70	51.69	23.99	Average
4	0.252	11.17	0.03	9.86	14.93	35.99	61.69	25.70	QP
5	0.442	10.99	0.03	9.85	14.42	35.29	47.03	11.74	Average
6	0.442	10.99	0.03	9.85	18.26	39.13	57.03	17.90	QP
7	0.527	10.98	0.03	9.86	17.79	38.66	46.00	7.34	Average
8	0.527	10.98	0.03	9.86	21.39	42.26	56.00	13.74	QP
9	1.061	10.95	0.05	9.85	13.74	34.59	46.00	11.41	Average
10	1.061	10.95	0.05	9.85	15.98	36.83	56.00	19.17	QP
11	1.552	10.98	0.06	9.86	11.60	32.50	46.00	13.50	Average
12	1.552	10.98	0.06	9.86	14.84	35.74	56.00	20.26	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



Site no. : No.8 Shielded Room Data no. : 1
Condition : ENV4200 100169 Phase : LINE
Limit : FCC PART 15C
Env. / Ins. : 22°C / 49% ESR (1774) Engineer : Tim
EUT : FXE3000-US
Power Rating : 120V/60Hz
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.192	10.69	0.03	9.85	19.09	39.66	53.93	14.27	Average
2	0.192	10.69	0.03	9.85	23.11	43.68	63.93	20.25	QP
3	0.252	10.64	0.03	9.86	15.41	35.94	51.69	15.75	Average
4	0.252	10.64	0.03	9.86	17.95	38.48	61.69	23.21	QP
5	0.500	10.55	0.03	9.86	15.84	36.28	46.00	9.72	Average
6	0.500	10.55	0.03	9.86	19.52	39.96	56.00	16.04	QP
7	0.862	10.54	0.05	9.86	10.82	31.27	46.00	14.73	Average
8	0.862	10.54	0.05	9.86	13.64	34.09	56.00	21.91	QP
9	1.593	10.56	0.06	9.86	5.32	25.80	46.00	20.20	Average
10	1.593	10.56	0.06	9.86	9.93	30.41	56.00	25.59	QP
11	7.687	11.06	0.13	9.88	11.41	32.48	50.00	17.52	Average
12	7.687	11.06	0.13	9.88	14.63	35.70	60.00	24.30	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector,
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

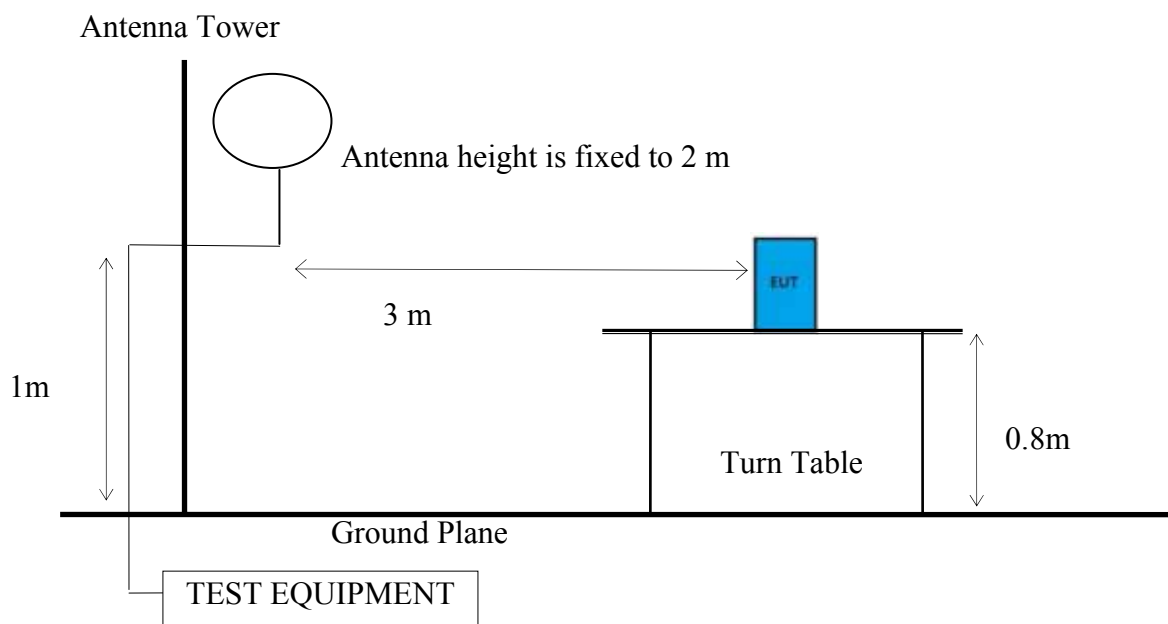
6. RADIATED EMISSION MEASUREMENT

6.1. Block Diagram of Test Setup

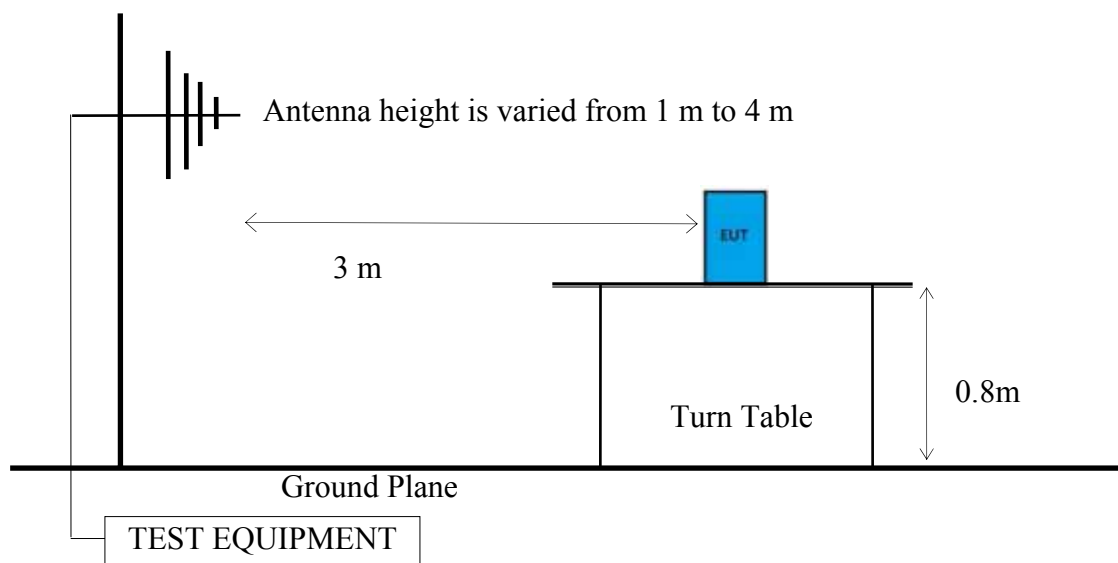
6.1.1. Block Diagram of connection between EUT and simulators

Indicated as section 3.7

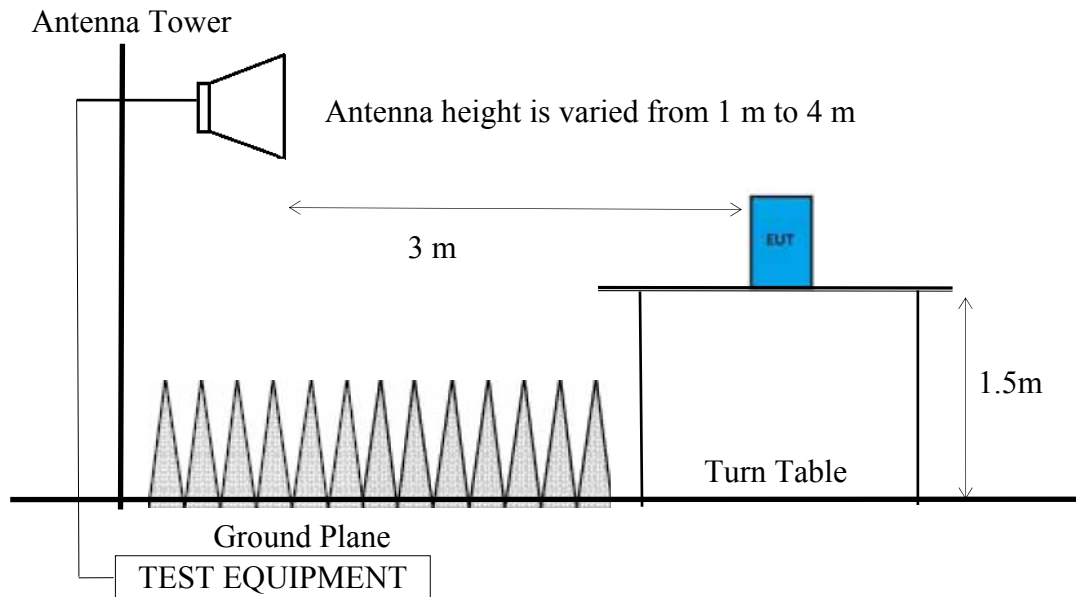
6.1.2. Semi-Anechoic Chamber (3m) Setup Diagram for 9kHz-30MHz



6.1.3. Semi-Anechoic Chamber (3m) Setup Diagram for 30-1000 MHz



6.1.4. Fully Anechoic Chamber (3m) Setup Diagram for above 1GHz



6.2. Radiated Emission Limits

Radiated emissions fall in restricted bands, as defined in Section 15.205 must be in compliance with the radiated emission limits specified in 15.209 as below.

6.2.1. General Limit

Frequency (MHz)	Distance (m)	Field Strengths Limits	
		$\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$
0.009 - 0.490	300	67.6	2400/kHz
0.490 - 1.705	30	87.6	24000/kHz
1.705 - 30	30	29.5	30
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0
Above 1000	3	74.0 $\text{dB}\mu\text{V/m}$ (Peak) 54.0 $\text{dB}\mu\text{V/m}$ (Average)	

Remark: (1) $\text{dB}\mu\text{V/m} = 20 \log (\mu\text{V/m})$

- (2) The tighter limit applies to the edge between two frequency bands.
- (3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
- (4) Fundamental and emission fall within operation band are exempted from this section.
- (5) Pursuant to ANSI C63.10: 6.6.4.3, if the maximized peak measured value complies with the average limit, then it is unnecessary to perform an average measurement.

6.2.2. Limit for non-restricted frequency above 1 GHz

Frequency Band (MHz)	E.I.R.P. Limit	Field Strength Limit at 3 m
5150 to 5250	-27 dBm	68.2
5250 to 5350		68.2
5470 to 5725		68.2
5725 to 5850	-17 dBm/MHz ^{Note 1} -27 dBm/MHz ^{Note 2}	78.2 ^{Note 1} 68.2 ^{Note 2}

Note 1: Applicable to frequency within 10MHz to band edge.

2: Applicable to frequency beyond 10 MHz out of band edge.

3: Field Strength at 3 m= E.I.R.P. + 95.2 dB

6.3. Test Procedure

Frequency Range 9kHz~30MHz:

The EUT setup on the turn table which has 0.8 m height to the ground. The turn table rotated 360 degrees and antenna fixed to 1 m to find the maximum emission level. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2013 regulation.

- (1) RBW = 9kHz with peak and average detector.
- (2) Detector: average and peak (9kHz-490kHz)
Q.P. (490kHz-30MHz)

Frequency Range 30MHz ~ 40GHz:

The EUT setup on the turn table which has 0.8m (For 30-1000MHz) or 1.5m (For Above 1GHz) height to the ground. The turn table rotated 360 degrees and antenna varied from 1 m to 4 m to find the maximum emission level. Both horizontal and vertical polarization are required. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2013 regulation.

Frequency below 1 GHz:

Spectrum Analyzer is used for pre-testing with following setting:

- (1) RBW = 120 kHz
- (2) VBW $\geq 3 \times$ RBW.
- (3) Detector = Peak.
- (4) Sweep time = auto.
- (5) Trace mode = max hold.
- (6) Allow sweeps to continue until the trace stabilizes.
- (7) When peak-detected value is lower than limit that the measurement using the Q.P. detector is not required. Otherwise using Q.P. for finally measurement.

Frequency above 1GHz to 10th harmonic (up to 40 GHz):**Peak Detector:**

- (1) **RBW = 1 MHz**
- (2) **VBW $\geq 3 \times$ RBW.**
- (3) **Detector = Peak.**
- (4) **Sweep time = auto.**
- (5) **Trace mode = max hold.**
- (6) **Allow sweeps to continue until the trace stabilizes.**
- (7) **When peak-detected value is lower than limit that the measurement using the average detector is not required. Otherwise using average for finally measurement.**

Average Detector:**■ Option 1:**

- (1) **RBW = 1 MHz**
- (2) **VBW $\geq 1/T$.**

Modulation Type	T (ms)	1/ T (Hz)	VBW Setting
802.11a	N/A	N/A	10Hz
802.11n-HT20	N/A	N/A	10Hz
802.11n-HT40	N/A	N/A	10Hz

N/A: 1/ T is not implemented when duty cycle presented in section 3.5 is $\geq 98\%$.

- (1) **Detector = Peak.**
- (2) **Sweep time = auto.**
- (3) **Trace mode = max hold.**
- (4) **Allow sweeps to continue until the trace stabilizes.**

□ Option 2:

Average Emission Level= Peak Emission Level+ D.C.C.F.

6.4. Measurement Result Explanation

- **Peak Emission Level=Antenna Factor + Cable Loss + Meter Reading**
- **Average Emission Level=Antenna Factor + Cable Loss + Meter Reading**
- **Average Emission Level= Peak Emission Level+ DCCF**
Duty Cycle Correction Factor (DCCF)= $20\log(TX_{on}/TX_{on+off})$ presented in section 3.5

6.5. Test Results

PASSED.

Test Date	2015/03/29	Temp./Hum.	23 /53%
Test Voltage	DC 3.3V		

6.5.1. Emissions within Restricted Frequency Bands**6.5.1.1. Frequency 9kHz~30MHz**

The emissions (9kHz~30MHz) not reported for there is no emission be found.

6.5.1.2. Frequency 30MHz~1000MHz

[Note: We performed testing of the highest Antenna Type]

Mode	802.11a	UNII Band	I
		Frequency	TX 5180MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
143.49	11.00	3.55	20.69	35.24	43.50	8.26	Peak
330.70	13.93	4.99	25.83	44.75	46.00	1.25	Peak
600.36	18.32	6.50	11.74	36.56	46.00	9.44	Peak
900.09	20.58	7.54	7.18	35.30	46.00	10.70	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
34.85	16.00	2.43	20.37	38.80	40.00	1.20	Peak
143.49	11.00	3.55	22.31	36.86	43.50	6.64	Peak
333.61	14.02	5.03	15.52	34.57	46.00	11.43	Peak
600.36	18.32	6.50	12.20	37.02	46.00	8.98	Peak

Mode	802.11a	UNII Band	II-2A
		Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
108.57	11.55	3.29	20.11	34.95	43.50	8.55	Peak
322.94	13.75	4.92	27.00	45.67	46.00	0.33	Peak
600.36	18.32	6.50	12.62	37.44	46.00	8.56	Peak
900.09	20.58	7.54	11.49	39.61	46.00	6.39	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
33.88	16.49	2.41	20.60	39.50	40.00	0.50	Peak
148.34	10.65	3.59	23.00	37.24	43.50	6.26	Peak
334.58	14.05	5.04	14.97	34.06	46.00	11.94	Peak
600.36	18.32	6.50	11.95	36.77	46.00	9.23	Peak

Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
110.51	11.68	3.30	20.30	35.28	43.50	8.22	Peak
322.94	13.75	4.92	26.35	45.02	46.00	0.98	Peak
600.36	18.32	6.50	11.90	36.72	46.00	9.28	Peak
900.09	20.58	7.54	7.28	35.40	46.00	10.60	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
34.85	16.00	2.43	20.32	38.75	40.00	1.25	Peak
148.34	10.65	3.59	23.02	37.26	43.50	6.24	Peak
299.66	13.12	4.65	15.98	33.75	46.00	12.25	Peak
600.36	18.32	6.50	12.01	36.83	46.00	9.17	Peak

Mode	802.11a	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
108.57	11.55	3.29	19.79	34.63	43.50	8.87	Peak
329.73	13.93	4.99	25.67	44.59	46.00	1.41	Peak
600.36	18.32	6.50	11.88	36.70	46.00	9.30	Peak
900.09	20.58	7.54	5.63	33.75	46.00	12.25	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
34.85	16.00	2.43	20.78	39.21	40.00	0.79	Peak
141.55	11.14	3.53	22.88	37.55	43.50	5.95	Peak
335.55	14.08	5.05	15.12	34.25	46.00	11.75	Peak
600.36	18.32	6.50	11.95	36.77	46.00	9.23	Peak

Mode	802.11n-HT20	UNII Band	I
		Frequency	TX 5240MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
110.51	11.68	3.30	19.87	34.85	43.50	8.65	Peak
336.52	14.08	5.05	25.23	44.36	46.00	1.64	Peak
600.36	18.32	6.50	11.60	36.42	46.00	9.58	Peak
900.09	20.58	7.54	10.44	38.56	46.00	7.44	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
34.85	16.00	2.43	21.12	39.55	40.00	0.45	Peak
141.55	11.14	3.53	22.93	37.60	43.50	5.90	Peak
337.49	14.11	5.06	14.70	33.87	46.00	12.13	Peak
600.36	18.32	6.50	11.92	36.74	46.00	9.26	Peak

Mode	802.11n-HT20	UNII Band	II-2A
		Frequency	TX 5320MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
108.57	11.55	3.29	20.35	35.19	43.50	8.31	Peak
329.73	13.93	4.99	25.76	44.68	46.00	1.32	Peak
600.36	18.32	6.50	12.39	37.21	46.00	8.79	Peak
900.09	20.58	7.54	11.46	39.58	46.00	6.42	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
33.88	16.49	2.41	19.86	38.76	40.00	1.24	Peak
143.49	11.00	3.55	22.48	37.03	43.50	6.47	Peak
333.61	14.02	5.03	13.73	32.78	46.00	13.22	Peak
600.36	18.32	6.50	12.03	36.85	46.00	9.15	Peak

Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
110.51	11.68	3.30	20.29	35.27	43.50	8.23	Peak
334.58	14.05	5.04	26.07	45.16	46.00	0.84	Peak
600.36	18.32	6.50	11.32	36.14	46.00	9.86	Peak
900.09	20.58	7.54	4.17	32.29	46.00	13.71	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
34.85	16.00	2.43	20.87	39.30	40.00	0.70	Peak
141.55	11.14	3.53	21.67	36.34	43.50	7.16	Peak
334.58	14.05	5.04	15.59	34.68	46.00	11.32	Peak
600.36	18.32	6.50	12.39	37.21	46.00	8.79	Peak

Mode	802.11n-HT20	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
108.57	11.55	3.29	19.87	34.71	43.50	8.79	Peak
333.61	14.02	5.03	25.00	44.05	46.00	1.95	Peak
600.36	18.32	6.50	11.17	35.99	46.00	10.01	Peak
900.09	20.58	7.54	8.00	36.12	46.00	9.88	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
34.85	16.00	2.43	20.47	38.90	40.00	1.10	Peak
141.55	11.14	3.53	22.74	37.41	43.50	6.09	Peak
332.64	13.99	5.01	14.83	33.83	46.00	12.17	Peak
600.36	18.32	6.50	12.06	36.88	46.00	9.12	Peak

Mode	802.11n-HT40	UNII Band	I
		Frequency	TX 5230MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
110.51	11.68	3.30	20.21	35.19	43.50	8.31	Peak
141.55	11.14	3.53	19.73	34.40	43.50	9.10	Peak
326.82	13.84	4.95	25.61	44.40	46.00	1.60	Peak
600.36	18.32	6.50	10.80	35.62	46.00	10.38	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
34.85	16.00	2.43	21.05	39.48	40.00	0.52	Peak
148.34	10.65	3.59	22.83	37.07	43.50	6.43	Peak
321.97	13.72	4.90	16.01	34.63	46.00	11.37	Peak
600.36	18.32	6.50	11.48	36.30	46.00	9.70	Peak

Mode	802.11n-HT40	UNII Band	II-2A
		Frequency	TX 5270MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
108.57	11.55	3.29	19.88	34.72	43.50	8.78	Peak
321.00	13.69	4.89	26.54	45.12	46.00	0.88	Peak
600.36	18.32	6.50	12.00	36.82	46.00	9.18	Peak
900.09	20.58	7.54	11.48	39.60	46.00	6.40	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
33.88	16.49	2.41	19.75	38.65	40.00	1.35	Peak
141.55	11.14	3.53	22.52	37.19	43.50	6.31	Peak
299.66	13.12	4.65	15.37	33.14	46.00	12.86	Peak
600.36	18.32	6.50	12.69	37.51	46.00	8.49	Peak

Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5550MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
108.57	11.55	3.29	21.18	36.02	43.50	7.48	Peak
331.67	13.96	5.00	25.42	44.38	46.00	1.62	Peak
600.36	18.32	6.50	12.17	36.99	46.00	9.01	Peak
900.09	20.58	7.54	9.24	37.36	46.00	8.64	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
33.88	16.49	2.41	20.45	39.35	40.00	0.65	Peak
141.55	11.14	3.53	22.30	36.97	43.50	6.53	Peak
336.52	14.08	5.05	14.87	34.00	46.00	12.00	Peak
600.36	18.32	6.50	13.05	37.87	46.00	8.13	Peak

Mode	802.11n-HT40	UNII Band	III
		Frequency	TX 5795MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
110.51	11.68	3.30	19.61	34.59	43.50	8.91	Peak
338.46	14.14	5.07	25.08	44.29	46.00	1.71	Peak
600.36	18.32	6.50	11.22	36.04	46.00	9.96	Peak
900.09	20.58	7.54	7.78	35.90	46.00	10.10	Peak

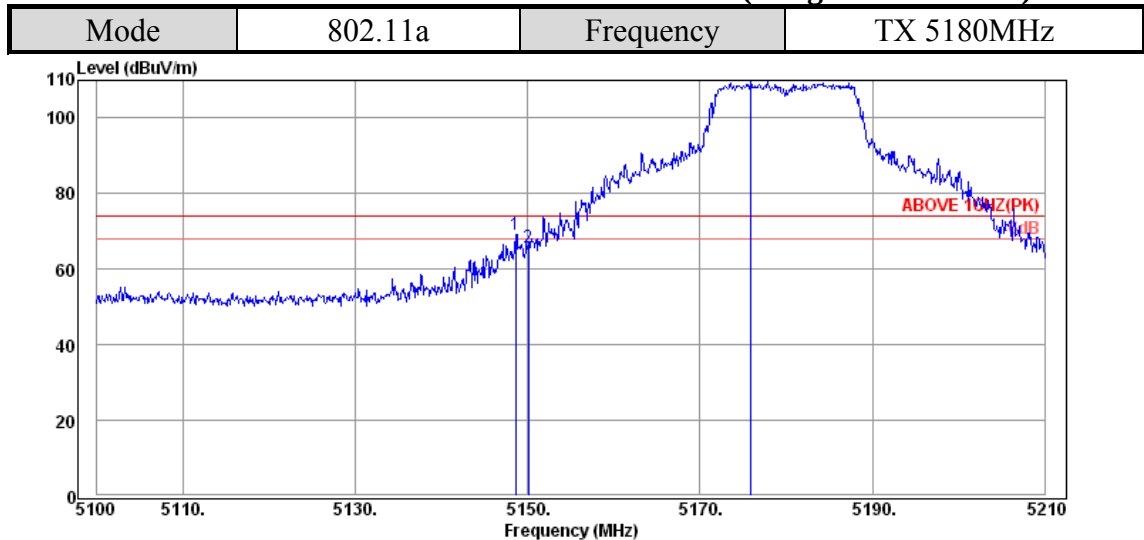
Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
34.85	16.00	2.43	20.07	38.50	40.00	1.50	Peak
143.49	11.00	3.55	22.14	36.69	43.50	6.81	Peak
336.52	14.08	5.05	15.95	35.08	46.00	10.92	Peak
600.36	18.32	6.50	11.48	36.30	46.00	9.70	Peak

6.5.1.3. Frequency Above 1 GHz to 10th harmonics

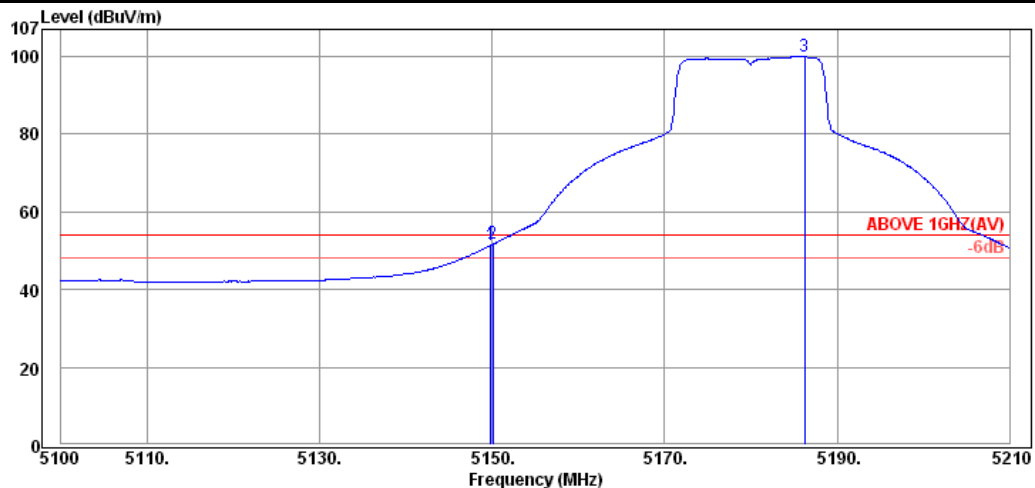
Band Edge:

Antenna #1: ACM3-5036-A1-CC-S (Integrated Antenna)



Antenna at Horizontal Polarization

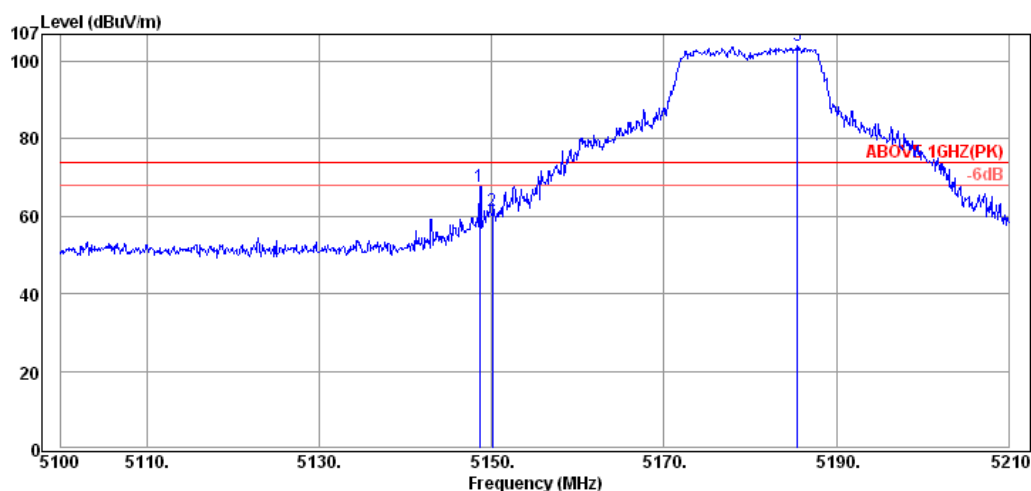
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.62	34.45	9.41	25.29	69.15	74.00	4.85	Peak
5150.05	34.45	9.41	21.93	65.79	74.00	8.21	Peak
5175.90	34.48	9.39	65.84	109.71	---	---	Peak



Antenna at Horizontal Polarization

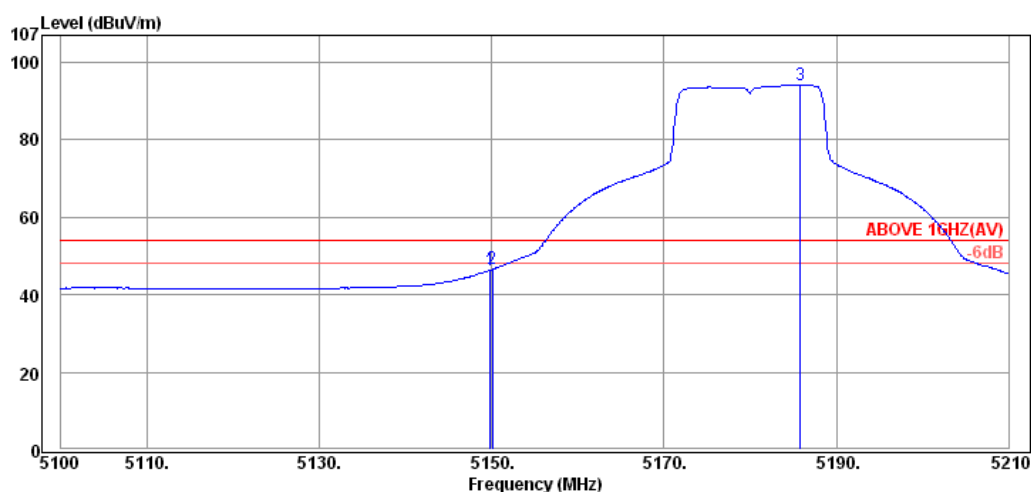
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.83	34.45	9.41	7.59	51.45	54.00	2.55	Average
5150.05	34.45	9.41	7.81	51.67	54.00	2.33	Average
5186.24	34.48	9.39	56.05	99.92	---	---	Average

Mode	802.11a	Frequency	TX 5180MHz
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Antenna at Vertical Polarization

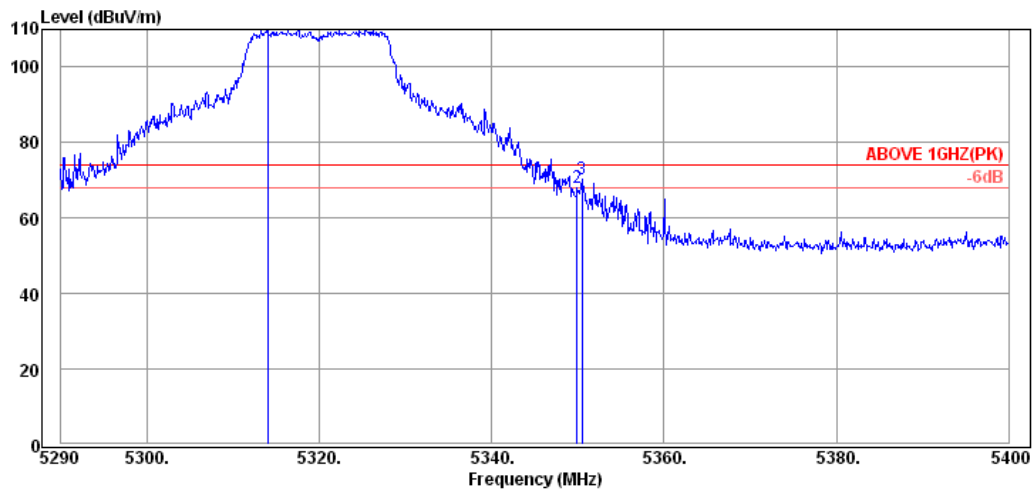
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.62	34.45	9.41	23.76	67.62	74.00	6.38	Peak
5150.05	34.45	9.41	17.63	61.49	74.00	12.51	Peak
5185.47	34.48	9.39	60.19	104.06	---	---	Peak



Antenna at Vertical Polarization

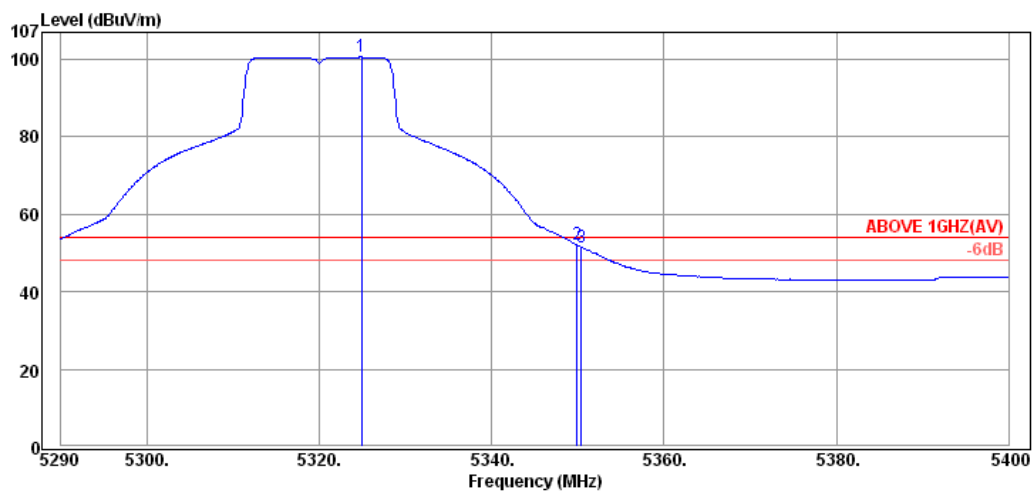
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.83	34.45	9.41	2.58	46.44	54.00	7.56	Average
5150.05	34.45	9.41	2.71	46.57	54.00	7.43	Average
5185.80	34.48	9.39	50.36	94.23	---	---	Average

Mode	802.11a	Frequency	TX 5320MHz
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Antenna at Horizontal Polarization

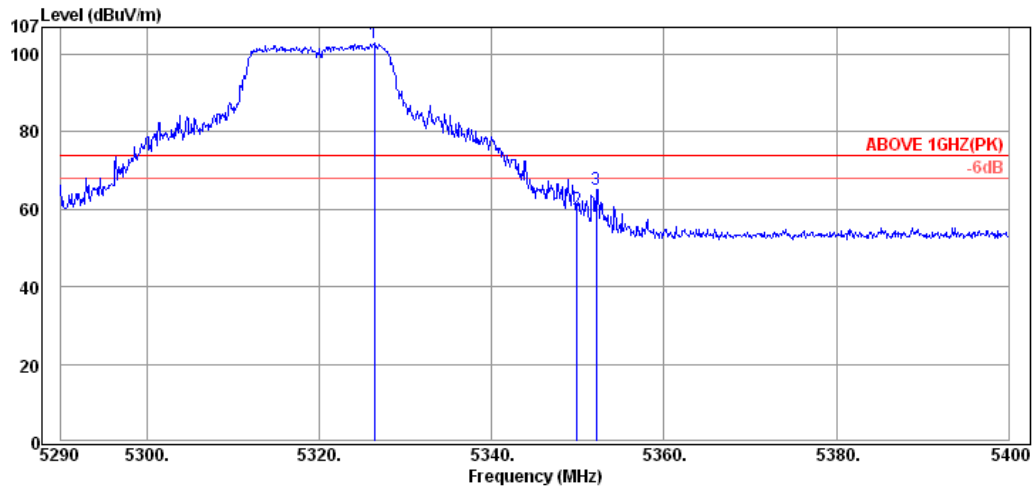
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5313.98	34.62	9.38	66.12	110.12	---	---	Peak
5349.95	34.65	9.40	24.13	68.18	74.00	5.82	Peak
5350.50	34.65	9.40	26.17	70.22	74.00	3.78	Peak



Antenna at Horizontal Polarization

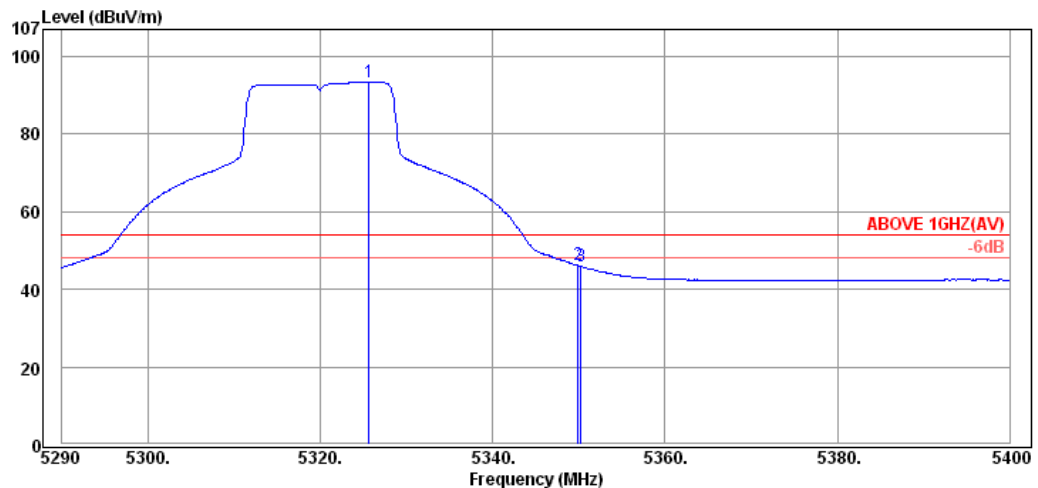
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5324.87	34.62	9.38	56.60	100.60	---	---	Average
5349.95	34.65	9.40	8.09	52.14	54.00	1.86	Average
5350.39	34.65	9.40	7.50	51.55	54.00	2.45	Average

Mode	802.11a	Frequency	TX 5320MHz
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Antenna at Vertical Polarization

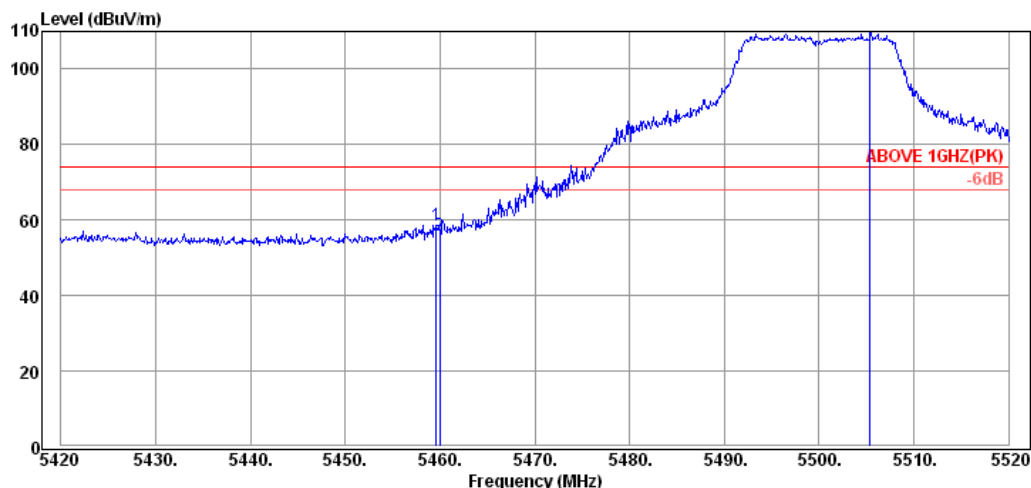
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5326.41	34.62	9.38	58.88	102.88	---	---	Peak
5349.95	34.65	9.40	15.78	59.83	74.00	14.17	Peak
5352.15	34.65	9.40	21.05	65.10	74.00	8.90	Peak



Antenna at Vertical Polarization

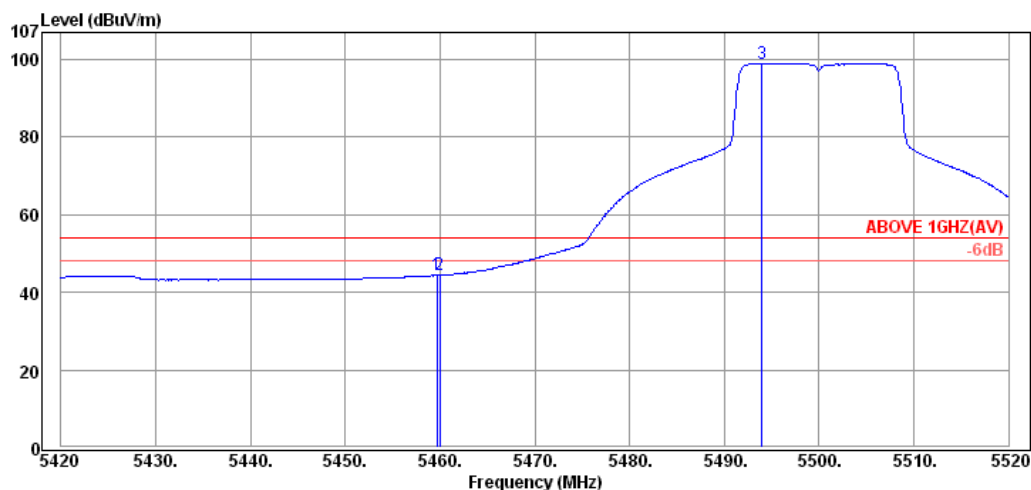
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5325.64	34.62	9.38	49.45	93.45	---	---	Average
5349.95	34.65	9.40	2.14	46.19	54.00	7.81	Average
5350.28	34.65	9.40	1.84	45.89	54.00	8.11	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

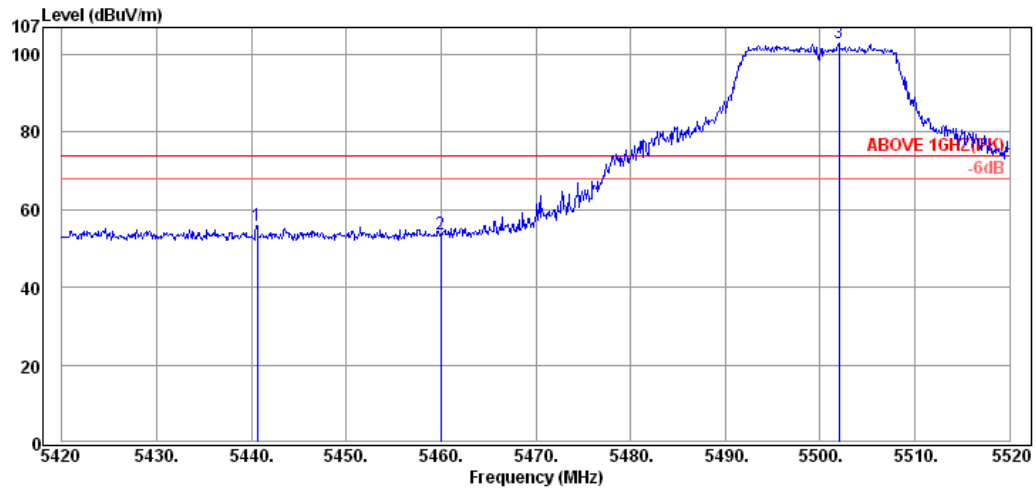
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.60	34.75	9.46	14.43	58.64	74.00	15.36	Peak
5460.00	34.75	9.46	11.71	55.92	74.00	18.08	Peak
5505.40	34.80	9.48	65.38	109.66	---	---	Peak



Antenna at Horizontal Polarization

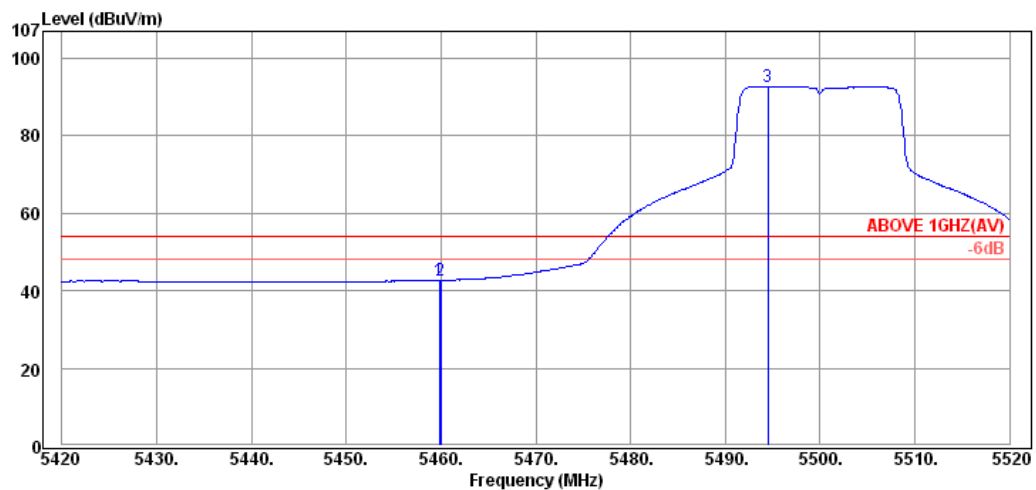
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.70	34.75	9.46	0.18	44.39	54.00	9.61	Average
5460.00	34.75	9.46	0.20	44.41	54.00	9.59	Average
5494.00	34.78	9.48	54.76	99.02	---	---	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Vertical Polarization

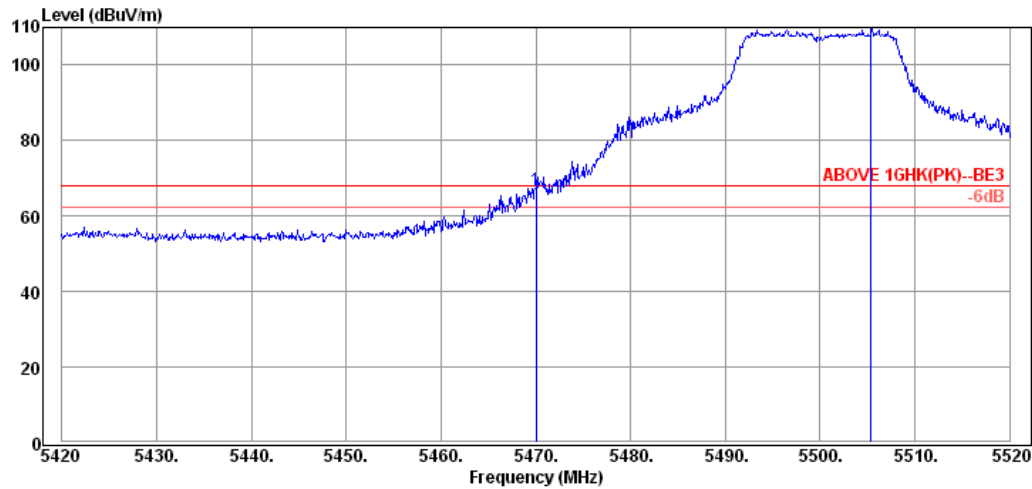
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5440.60	34.73	9.45	11.83	56.01	74.00	17.99	Peak
5460.00	34.75	9.46	9.36	53.57	74.00	20.43	Peak
5502.00	34.80	9.48	58.56	102.84	---	---	Peak



Antenna at Vertical Polarization

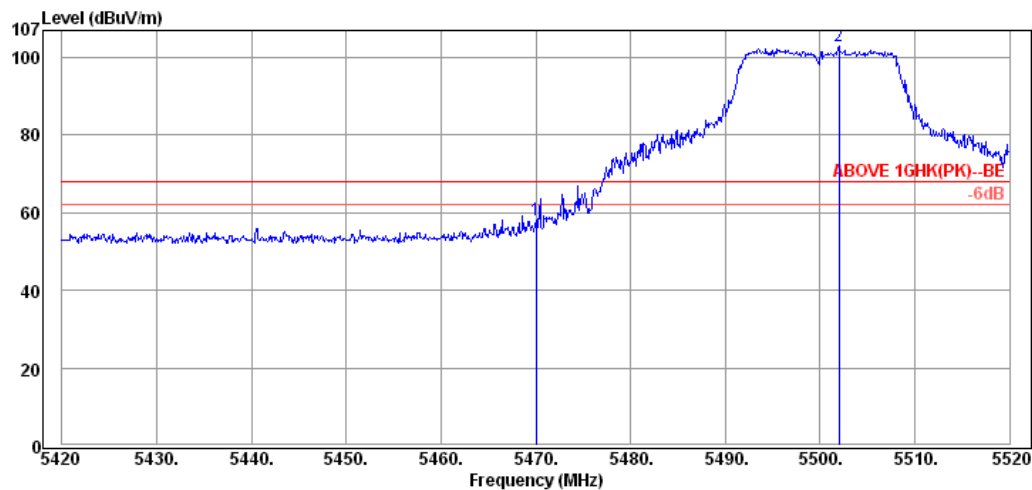
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.80	34.75	9.46	-1.54	42.67	54.00	11.33	Average
5460.00	34.75	9.46	-1.53	42.68	54.00	11.32	Average
5494.50	34.78	9.48	48.58	92.84	---	---	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

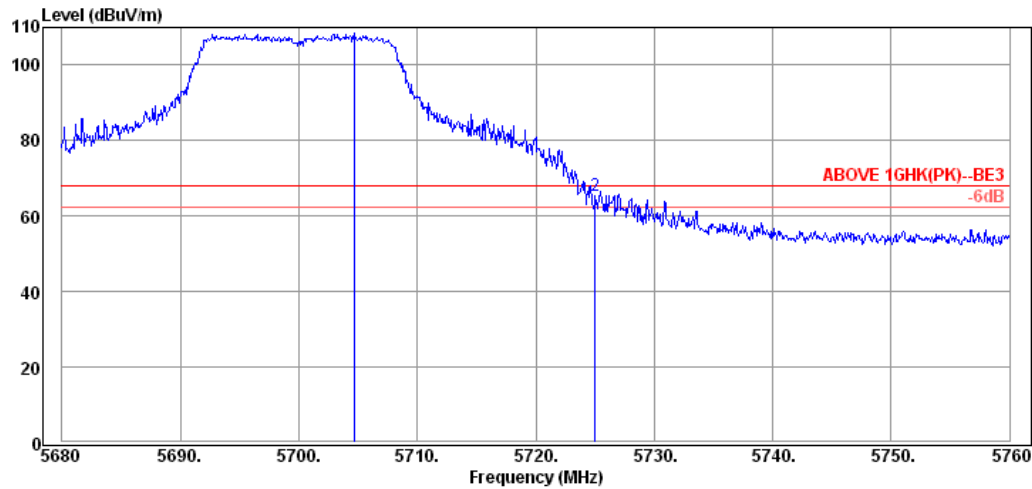
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	9.47	22.67	66.91	68.20	1.29	Peak
5505.40	34.80	9.48	65.38	109.66	---	---	Peak



Antenna at Vertical Polarization

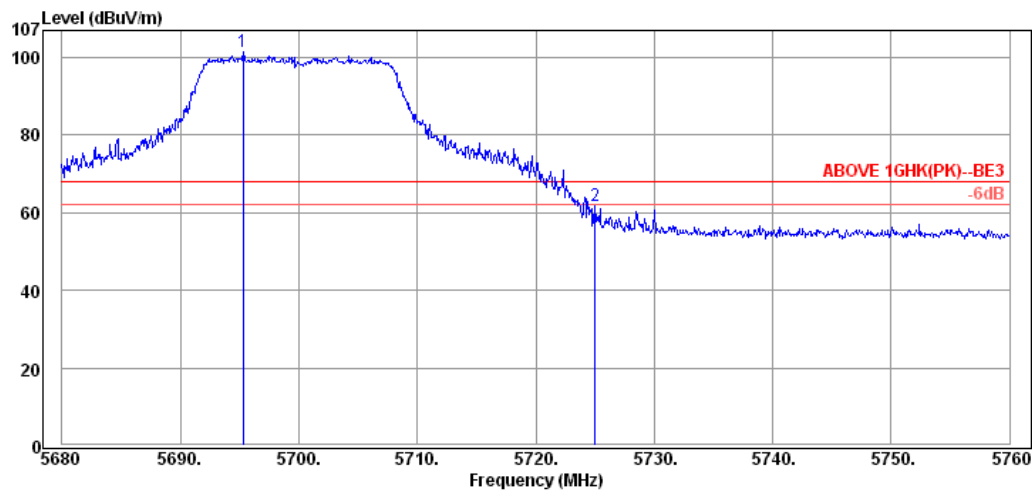
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	9.47	13.84	58.08	68.20	10.12	Peak
5502.00	34.80	9.48	58.56	102.84	---	---	Peak

Mode	802.11a	Frequency	TX 5700MHz
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Antenna at Horizontal Polarization

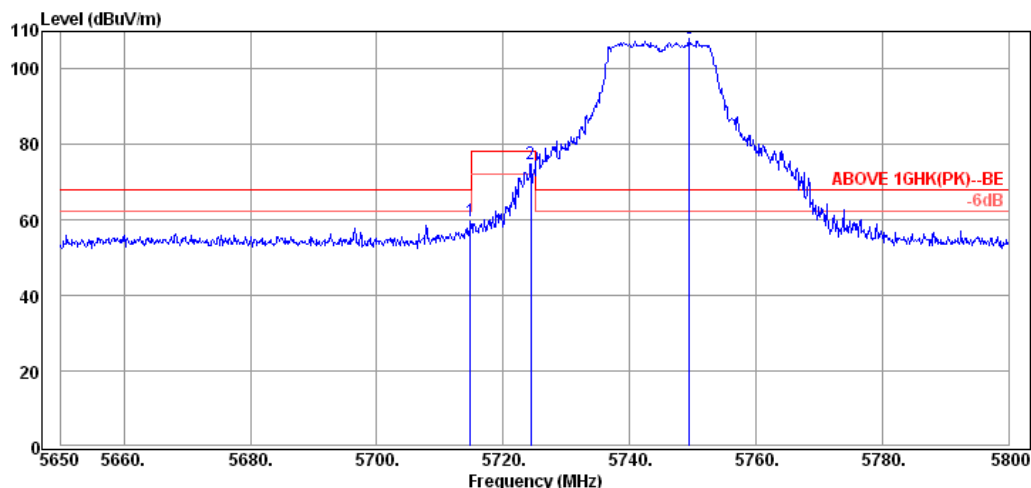
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5704.72	35.05	10.22	63.38	108.65	---	---	Peak
5725.04	35.07	10.29	20.04	65.40	68.20	2.80	Peak



Antenna at Vertical Polarization

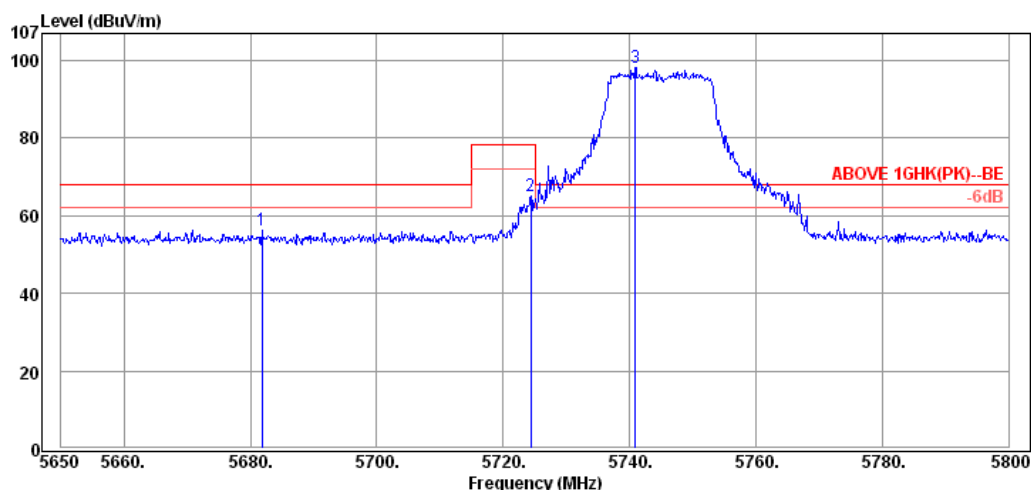
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5695.28	35.03	10.22	56.19	101.44	---	---	Peak
5725.04	35.07	10.29	16.52	61.88	68.20	6.32	Peak

Mode	802.11a	Frequency	TX 5745MHz
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Antenna at Horizontal Polarization

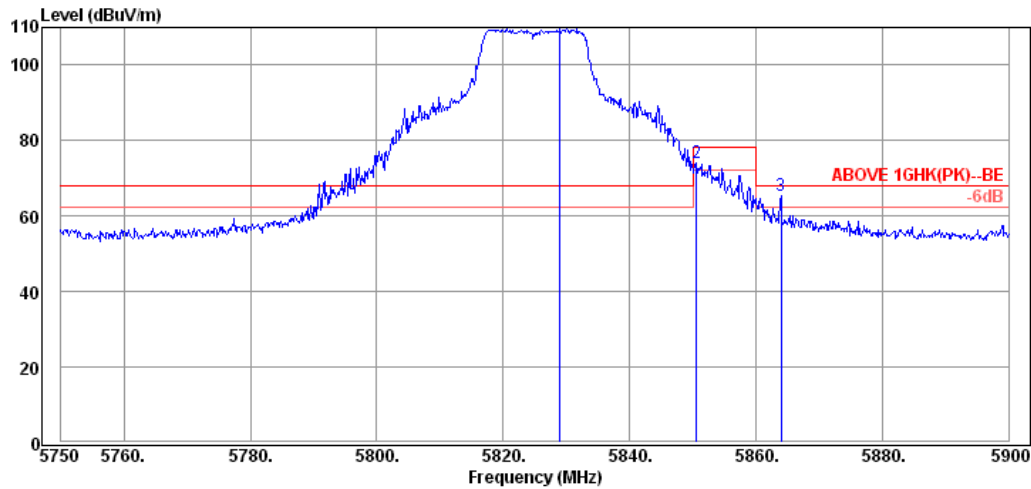
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.80	35.05	10.29	14.23	59.57	68.20	8.63	Peak
5724.40	35.07	10.29	29.51	74.87	78.20	3.33	Peak
5749.45	35.09	10.42	62.54	108.05	---	---	Peak



Antenna at Vertical Polarization

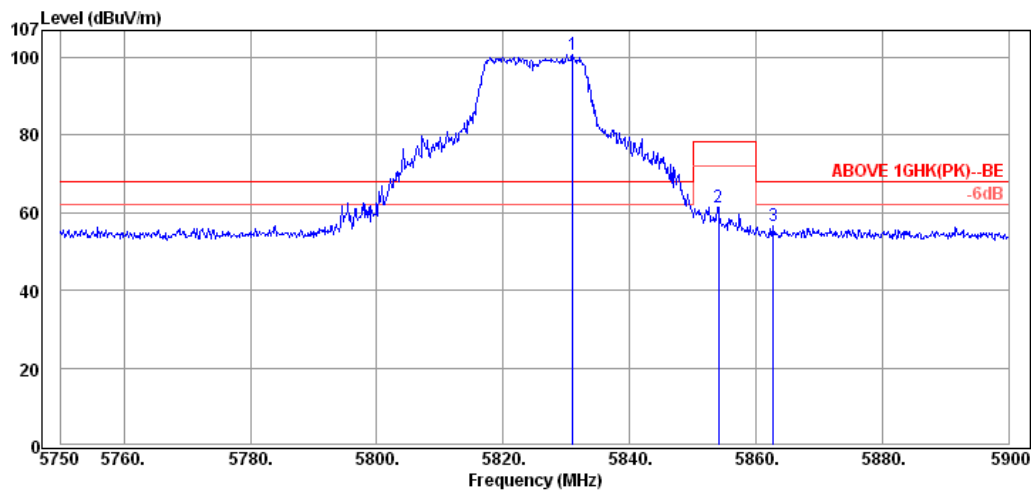
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5681.80	35.01	10.15	11.16	56.32	68.20	11.88	Peak
5724.40	35.07	10.29	19.69	65.05	78.20	13.15	Peak
5740.90	35.09	10.35	52.72	98.16	---	---	Peak

Mode	802.11a	Frequency	TX 5825MHz
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Antenna at Horizontal Polarization

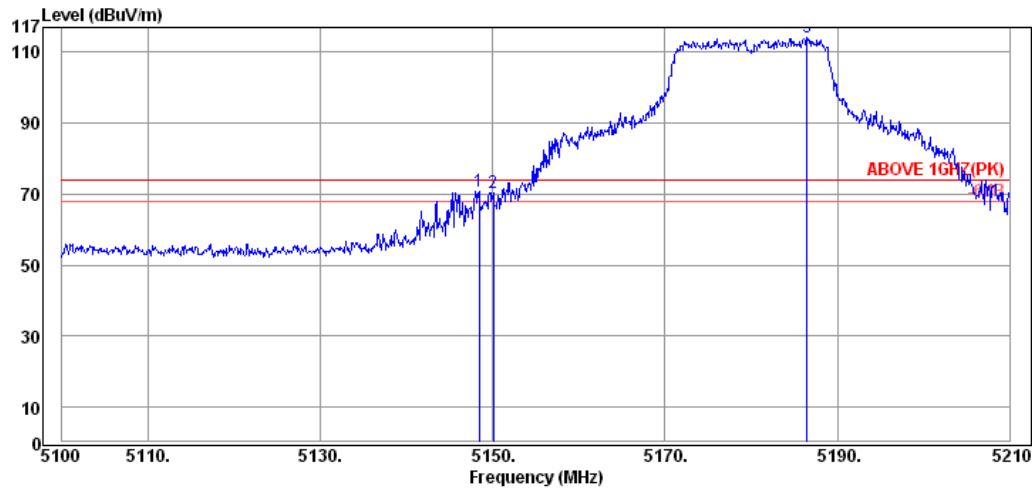
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5829.05	35.19	10.26	64.29	109.74	---	---	Peak
5850.65	35.21	10.22	28.84	74.27	78.20	3.93	Peak
5864.00	35.23	10.18	20.13	65.54	68.20	2.66	Peak



Antenna at Vertical Polarization

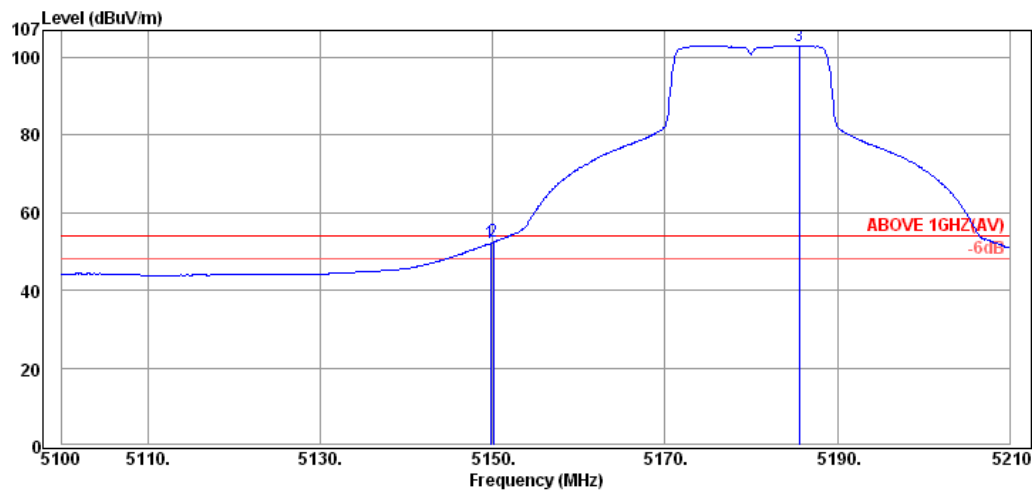
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5831.00	35.19	10.26	55.29	100.74	---	---	Peak
5854.10	35.23	10.22	16.03	61.48	78.20	16.72	Peak
5862.80	35.23	10.18	11.40	56.81	68.20	11.39	Peak

Mode	802.11n-HT20	Frequency	TX 5180MHz
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Antenna at Horizontal Polarization

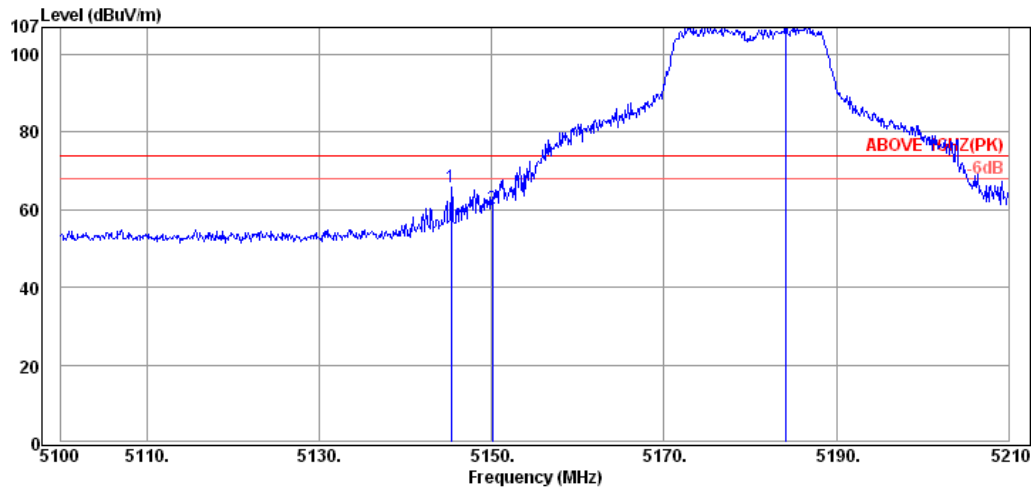
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.40	34.45	9.41	26.92	70.78	74.00	3.22	Peak
5150.05	34.45	9.41	26.38	70.24	74.00	3.76	Peak
5186.46	34.48	9.39	70.31	114.18	---	---	Peak



Antenna at Horizontal Polarization

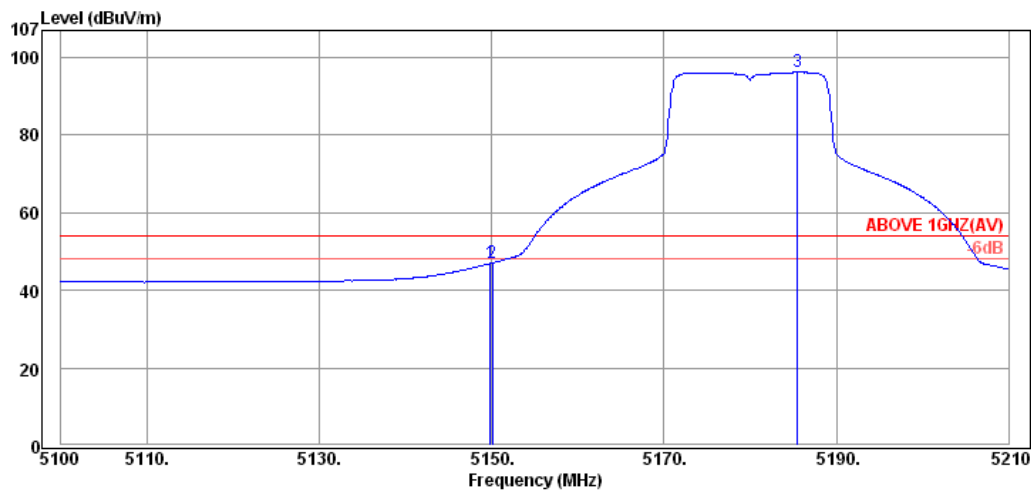
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.45	9.41	8.22	52.08	54.00	1.92	Average
5150.05	34.45	9.41	8.55	52.41	54.00	1.59	Average
5185.58	34.48	9.39	59.26	103.13	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5180MHz
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Antenna at Vertical Polarization

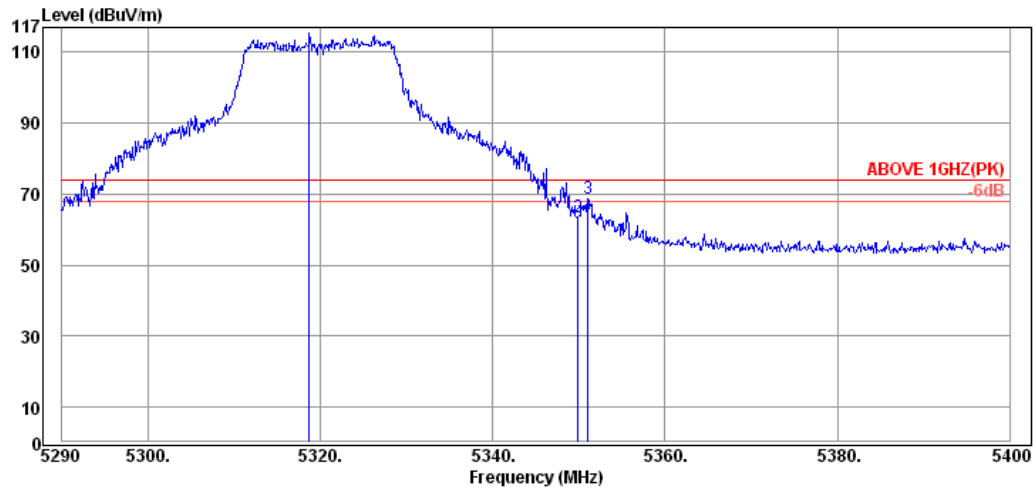
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5145.32	34.45	9.41	21.86	65.72	74.00	8.28	Peak
5150.05	34.45	9.41	16.52	60.38	74.00	13.62	Peak
5184.15	34.48	9.39	64.14	108.01	---	---	Peak



Antenna at Vertical Polarization

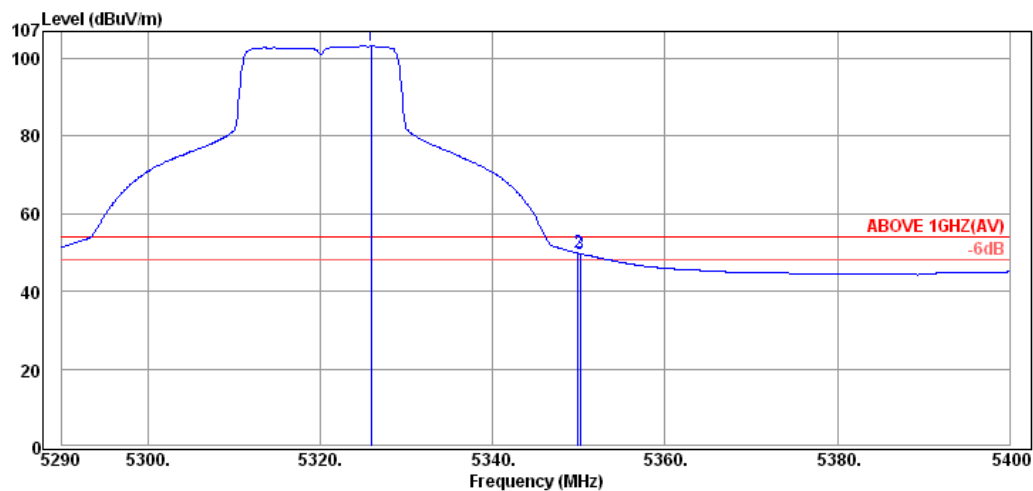
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.83	34.45	9.41	3.05	46.91	54.00	7.09	Average
5150.05	34.45	9.41	3.26	47.12	54.00	6.88	Average
5185.47	34.48	9.39	52.36	96.23	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5320MHz
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Antenna at Horizontal Polarization

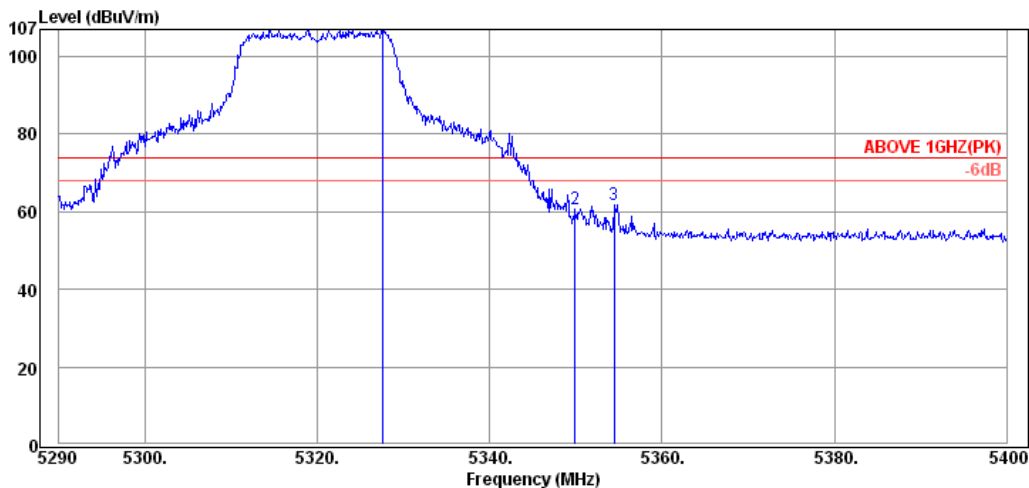
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5318.71	34.62	9.38	71.28	115.28	---	---	Peak
5349.95	34.65	9.40	19.40	63.45	74.00	10.55	Peak
5351.05	34.65	9.40	24.79	68.84	74.00	5.16	Peak



Antenna at Horizontal Polarization

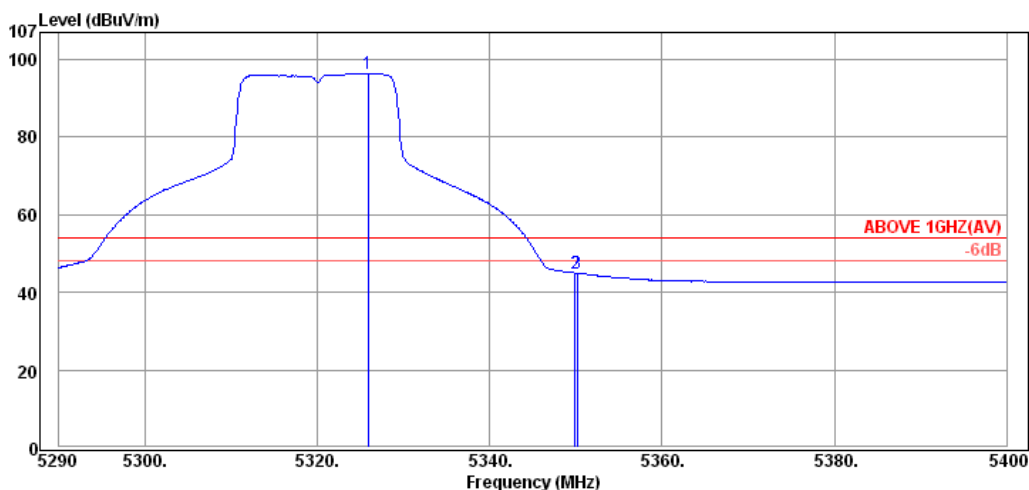
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5325.86	34.62	9.38	59.22	103.22	---	---	Average
5349.95	34.65	9.40	5.79	49.84	54.00	4.16	Average
5350.17	34.65	9.40	5.71	49.76	54.00	4.24	Average

Mode	802.11n-HT20	Frequency	TX 5320MHz
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Antenna at Vertical Polarization

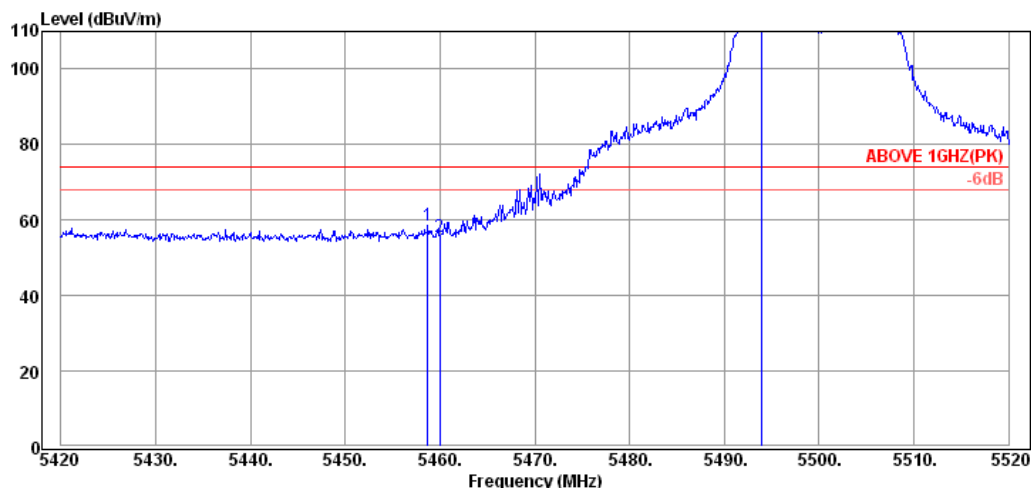
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5327.51	34.63	9.38	63.65	107.66	---	---	Peak
5349.95	34.65	9.40	16.67	60.72	74.00	13.28	Peak
5354.46	34.65	9.40	17.80	61.85	74.00	12.15	Peak



Antenna at Vertical Polarization

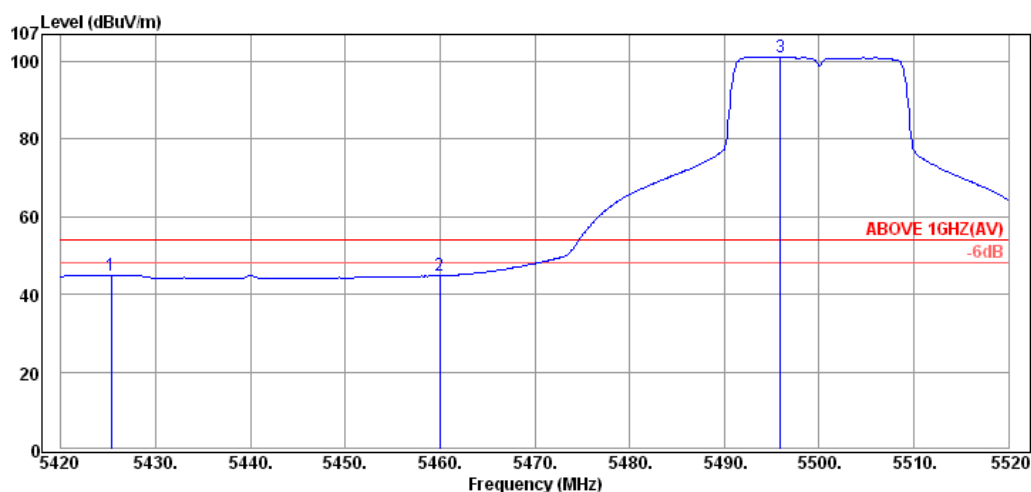
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5325.86	34.62	9.38	52.40	96.40	---	---	Average
5349.95	34.65	9.40	0.91	44.96	54.00	9.04	Average
5350.17	34.65	9.40	0.86	44.91	54.00	9.09	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

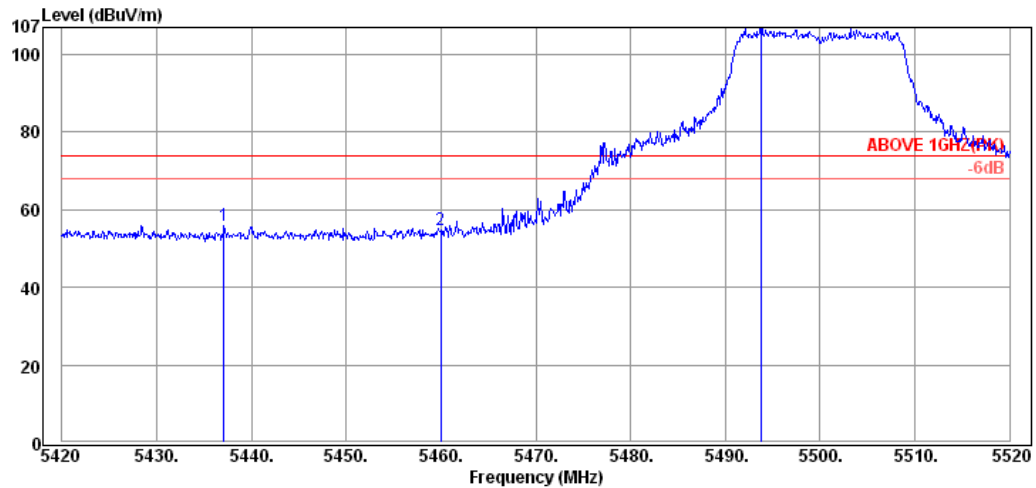
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.70	34.75	9.46	14.20	58.41	74.00	15.59	Peak
5460.00	34.75	9.46	11.47	55.68	74.00	18.32	Peak
5493.90	34.78	9.48	69.14	113.40	---	---	Peak



Antenna at Horizontal Polarization

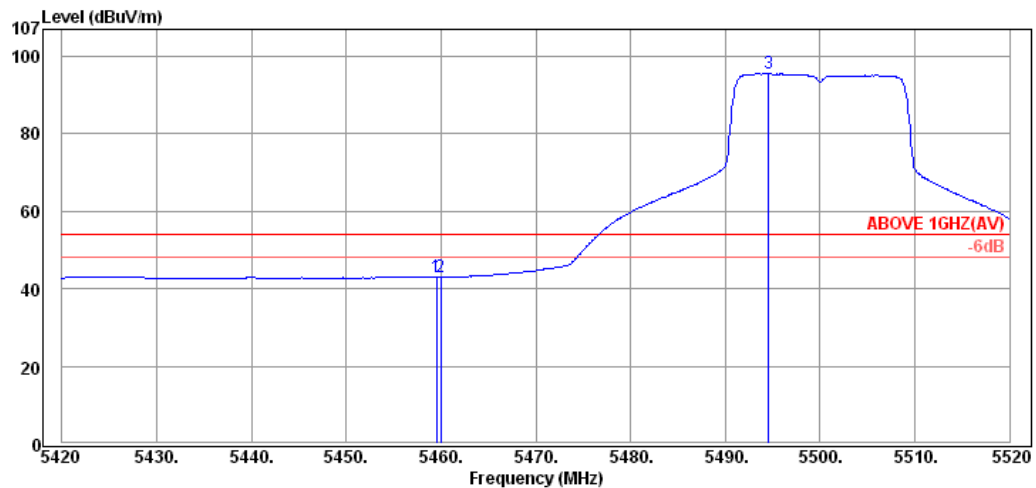
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5425.30	34.72	9.44	0.76	44.92	54.00	9.08	Average
5460.00	34.75	9.46	0.56	44.77	54.00	9.23	Average
5495.90	34.78	9.48	57.01	101.27	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Vertical Polarization

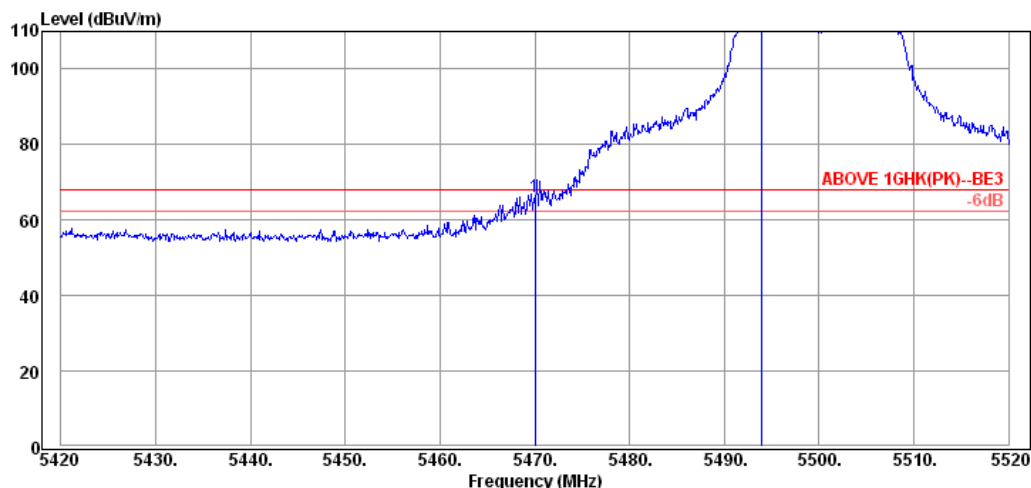
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5437.10	34.73	9.45	11.78	55.96	74.00	18.04	Peak
5460.00	34.75	9.46	10.61	54.82	74.00	19.18	Peak
5493.80	34.78	9.48	62.67	106.93	---	---	Peak



Antenna at Vertical Polarization

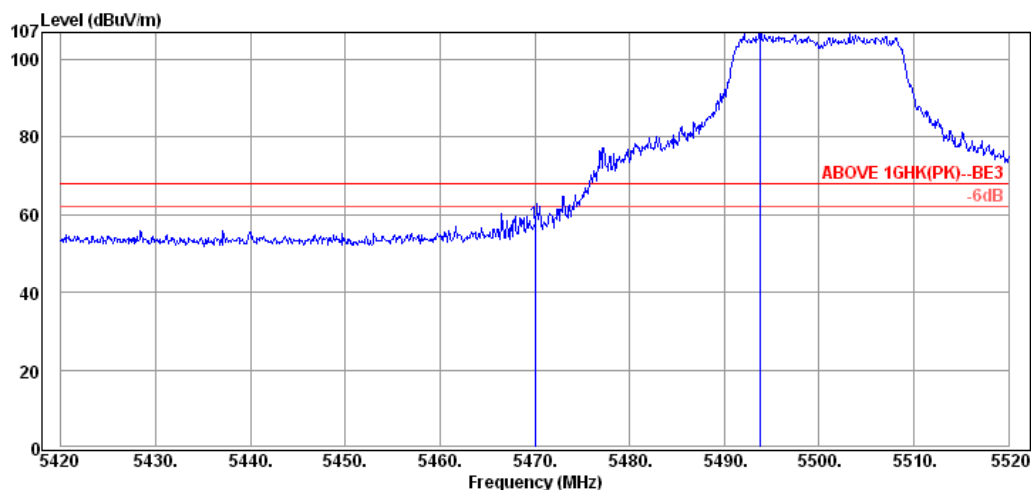
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.50	34.75	9.46	-1.18	43.03	54.00	10.97	Average
5460.00	34.75	9.46	-1.20	43.01	54.00	10.99	Average
5494.60	34.78	9.48	51.28	95.54	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

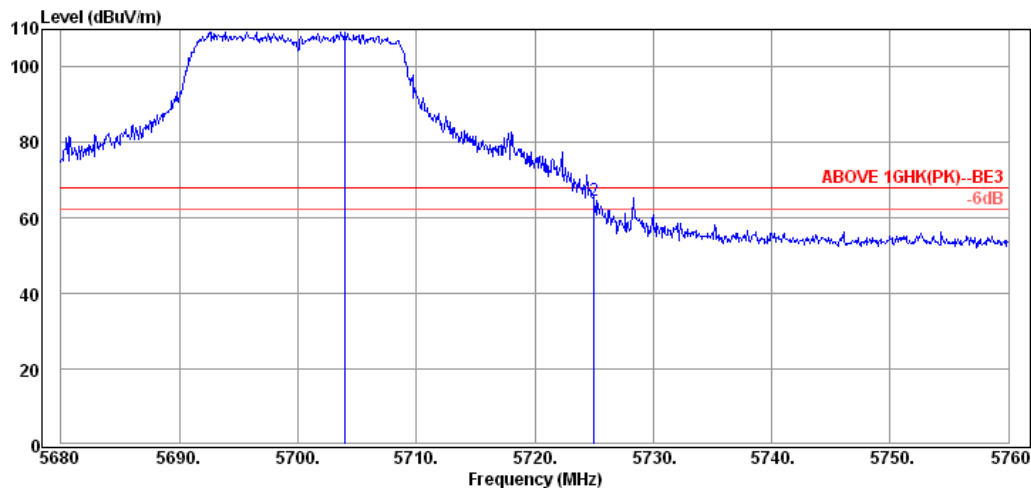
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	9.47	22.03	66.27	68.20	1.93	Peak
5493.90	34.78	9.48	69.14	113.40	---	---	Peak



Antenna at Vertical Polarization

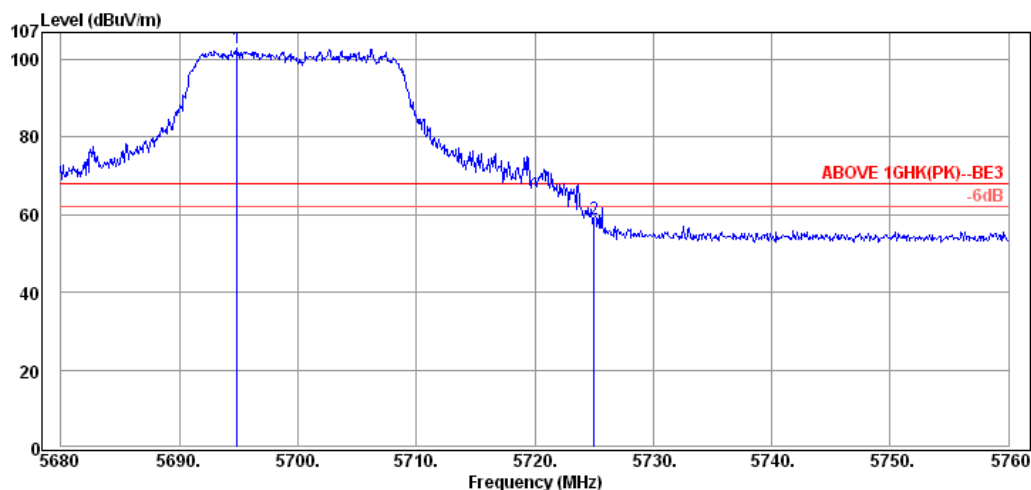
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	9.47	13.53	57.77	68.20	10.43	Peak
5493.80	34.78	9.48	62.67	106.93	---	---	Peak

Mode	802.11n-HT20	Frequency	TX 5700MHz
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Antenna at Horizontal Polarization

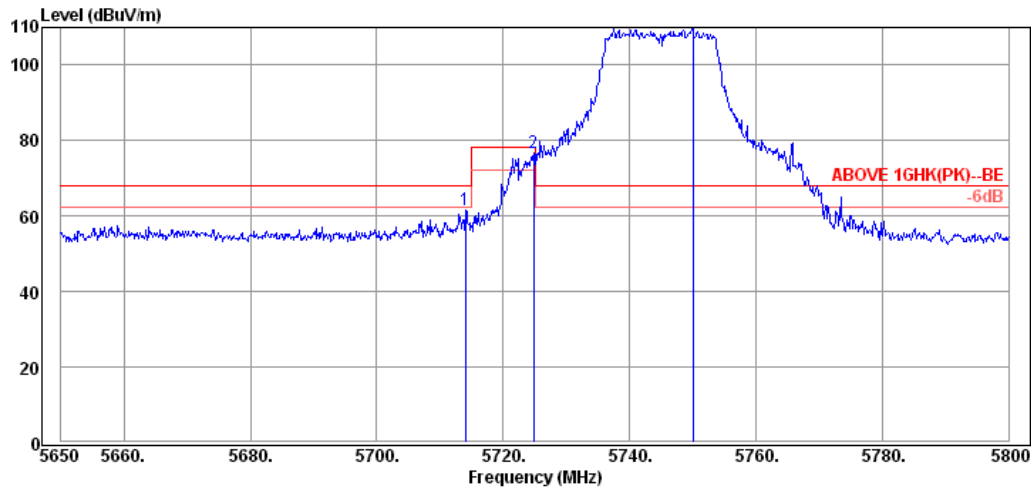
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5703.92	35.05	10.22	64.13	109.40	---	---	Peak
5725.04	35.07	10.29	19.10	64.46	68.20	3.74	Peak



Antenna at Vertical Polarization

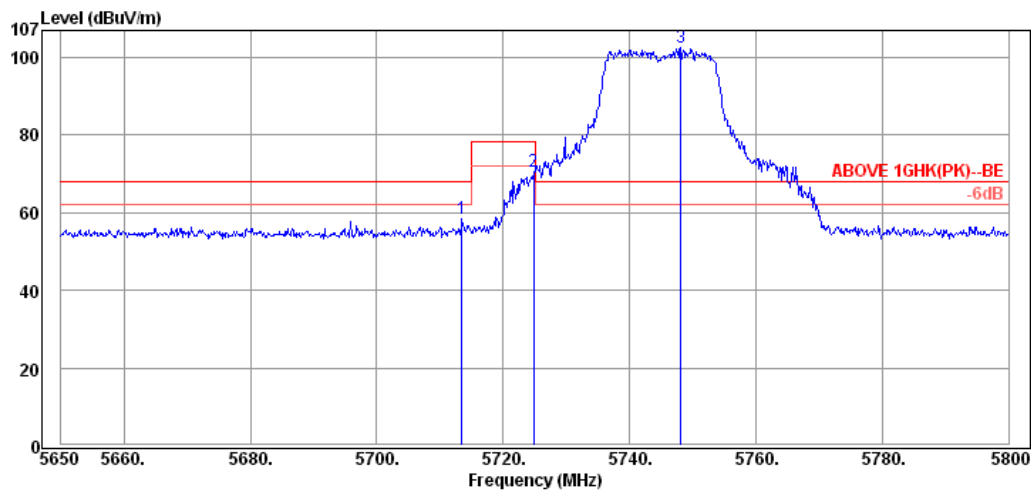
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5694.88	35.03	10.22	57.60	102.85	---	---	Peak
5725.04	35.07	10.29	13.54	58.90	68.20	9.30	Peak

Mode	802.11n-HT20	Frequency	TX 5745MHz
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Antenna at Horizontal Polarization

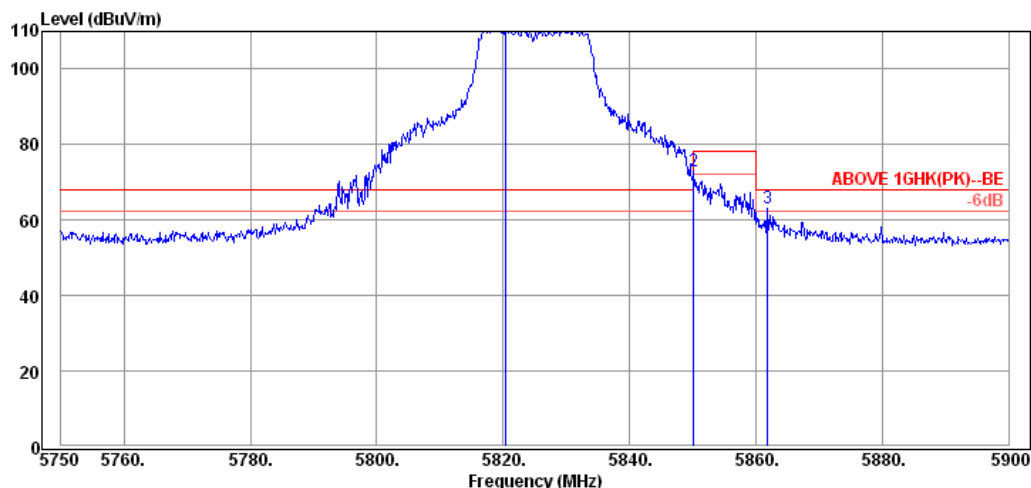
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.05	35.05	10.29	16.10	61.44	68.20	6.76	Peak
5724.85	35.07	10.29	31.49	76.85	78.20	1.35	Peak
5750.05	35.09	10.42	64.59	110.10	---	---	Peak



Antenna at Vertical Polarization

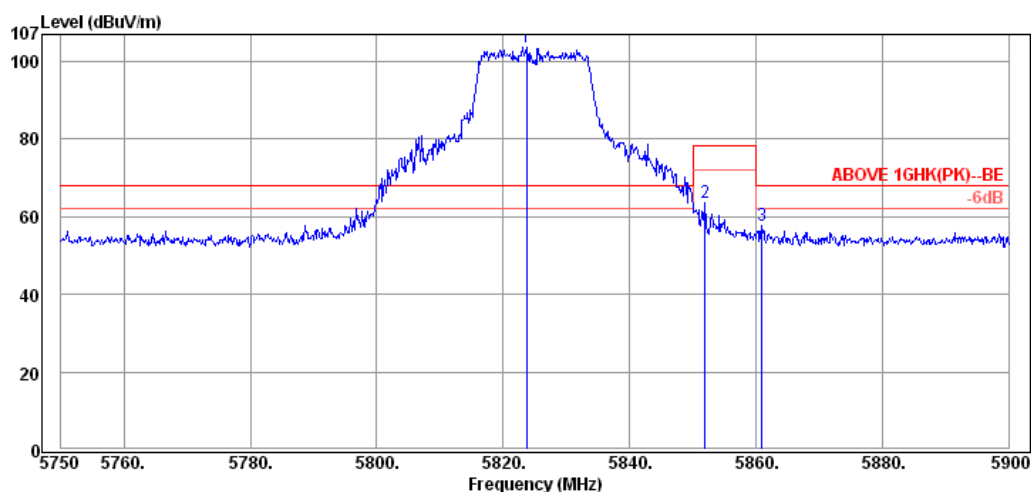
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5713.45	35.05	10.29	13.04	58.38	68.20	9.82	Peak
5724.85	35.07	10.29	25.41	70.77	78.20	7.43	Peak
5748.10	35.09	10.42	57.15	102.66	---	---	Peak

Mode	802.11n-HT20	Frequency	TX 5825MHz
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Antenna at Horizontal Polarization

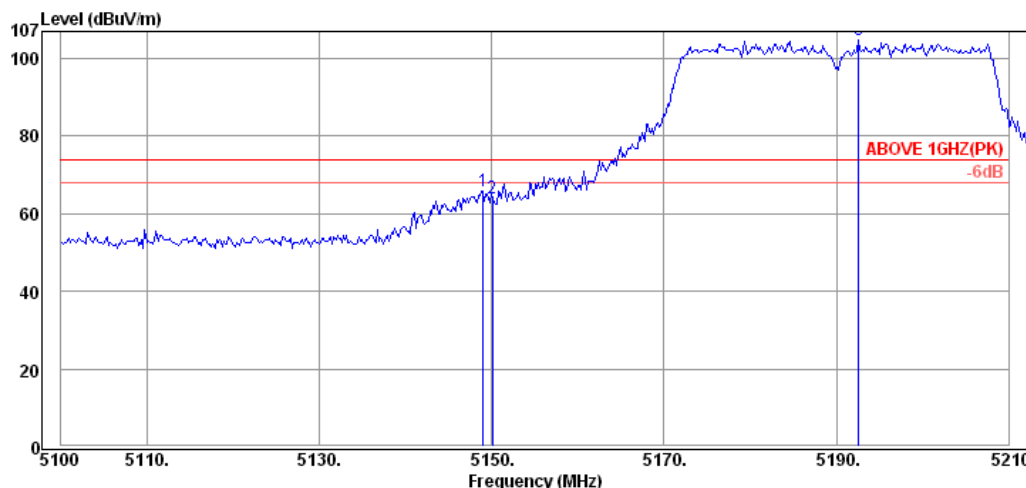
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5820.35	35.19	10.30	66.27	111.76	---	---	Peak
5850.20	35.21	10.22	27.61	73.04	78.20	5.16	Peak
5861.90	35.23	10.18	17.71	63.12	68.20	5.08	Peak



Antenna at Vertical Polarization

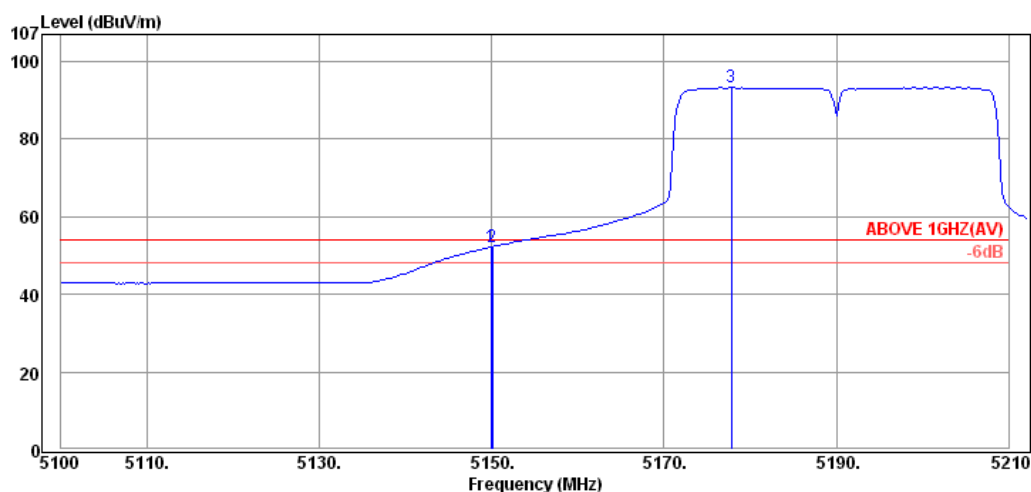
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5823.65	35.19	10.26	58.36	103.81	---	---	Peak
5852.00	35.21	10.22	18.17	63.60	78.20	14.60	Peak
5861.00	35.23	10.18	12.24	57.65	68.20	10.55	Peak

Mode	802.11n-HT40	Frequency	TX 5190MHz
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Antenna at Horizontal Polarization

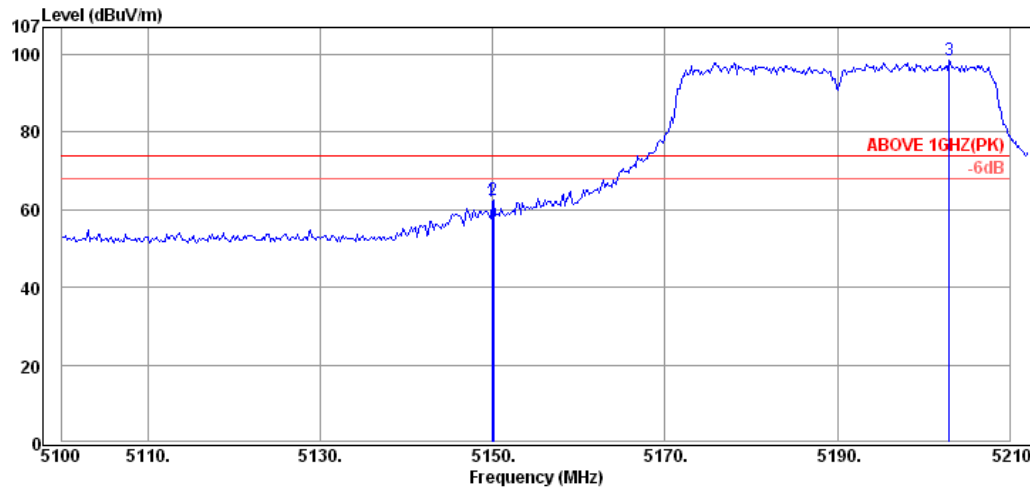
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.00	34.45	9.41	21.87	65.73	74.00	8.27	Peak
5150.08	34.45	9.41	20.06	63.92	74.00	10.08	Peak
5192.56	34.50	9.37	60.89	104.76	---	---	Peak



Antenna at Horizontal Polarization

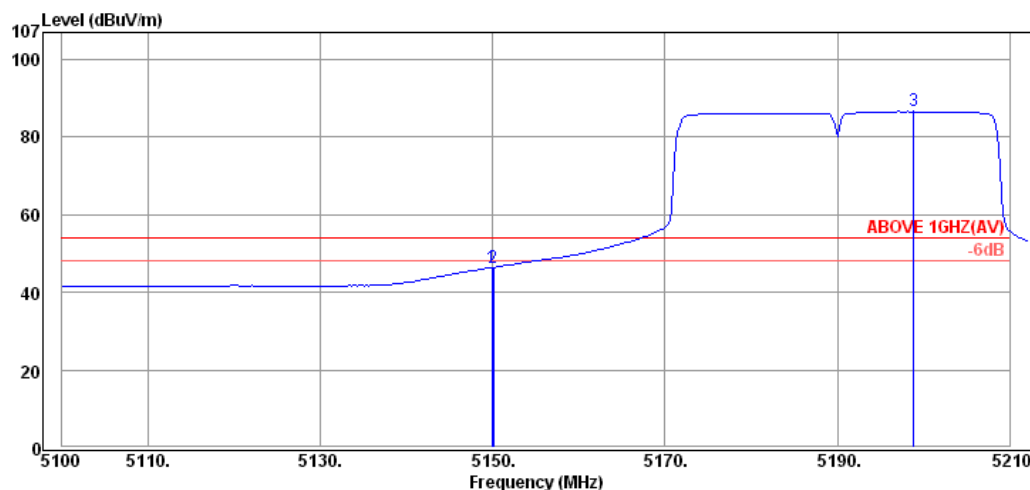
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.90	34.45	9.41	8.32	52.18	54.00	1.82	Average
5150.08	34.45	9.41	8.45	52.31	54.00	1.69	Average
5177.80	34.48	9.39	49.46	93.33	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5190MHz
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Antenna at Vertical Polarization

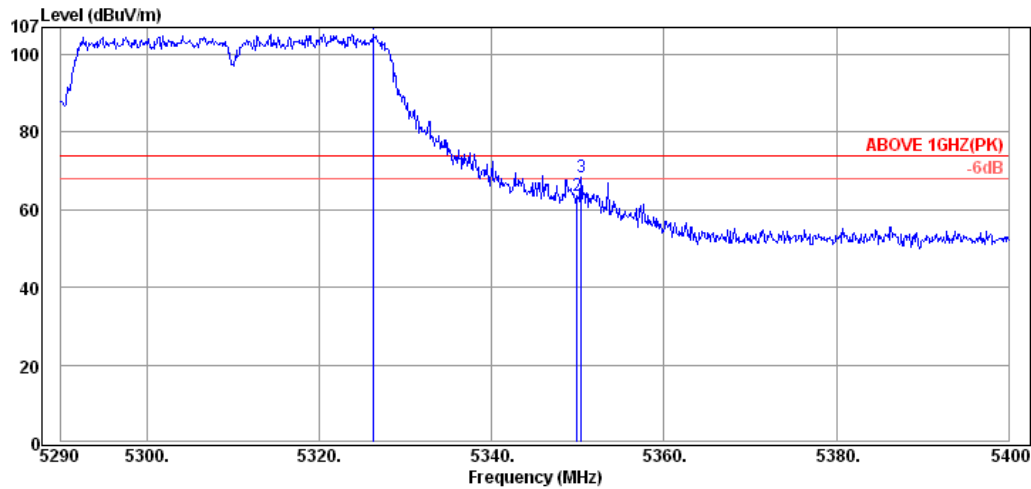
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.90	34.45	9.41	18.21	62.07	74.00	11.93	Peak
5150.08	34.45	9.41	18.73	62.59	74.00	11.41	Peak
5203.00	34.50	9.37	54.51	98.38	---	---	Peak



Antenna at Vertical Polarization

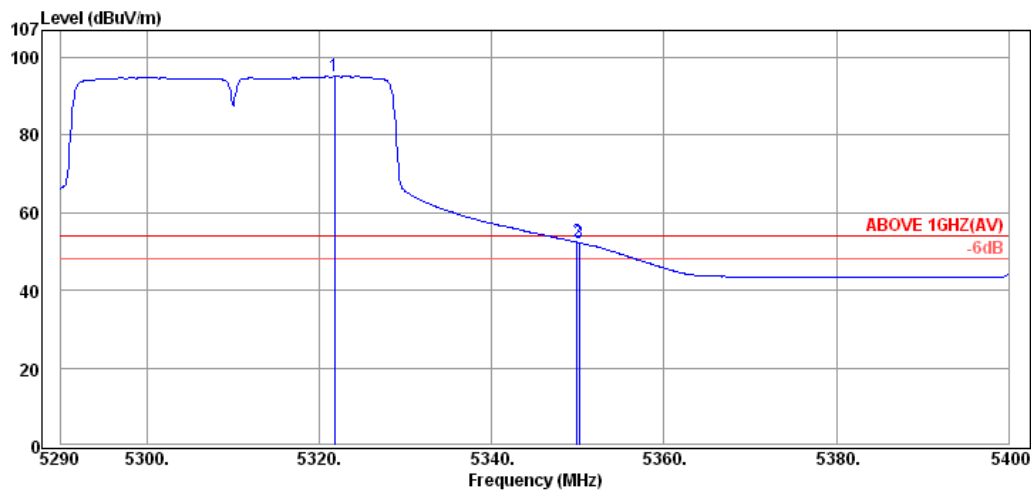
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.90	34.45	9.41	2.45	46.31	54.00	7.69	Average
5150.08	34.45	9.41	2.60	46.46	54.00	7.54	Average
5198.86	34.50	9.37	42.74	86.61	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5310MHz
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Antenna at Horizontal Polarization

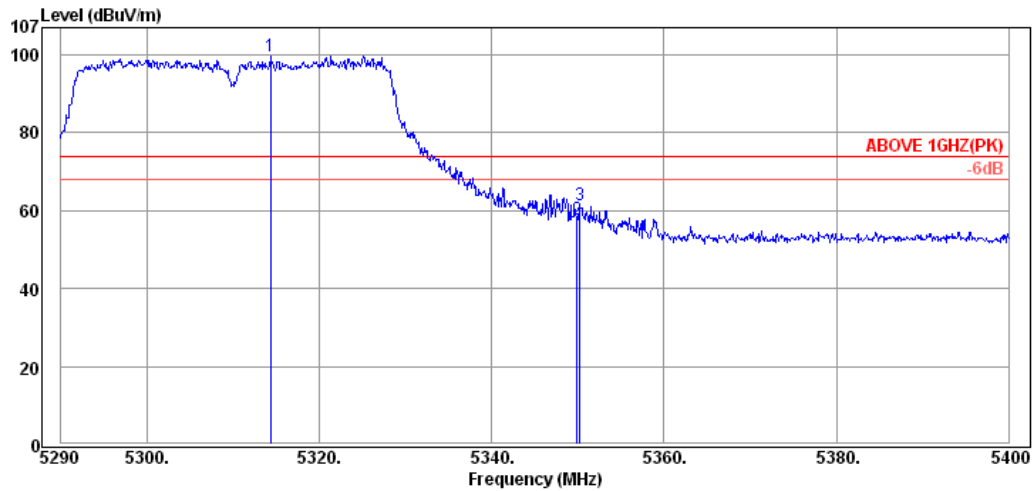
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5326.30	34.62	9.38	61.24	105.24	---	---	Peak
5349.95	34.65	9.40	19.39	63.44	74.00	10.56	Peak
5350.39	34.65	9.40	24.30	68.35	74.00	5.65	Peak



Antenna at Horizontal Polarization

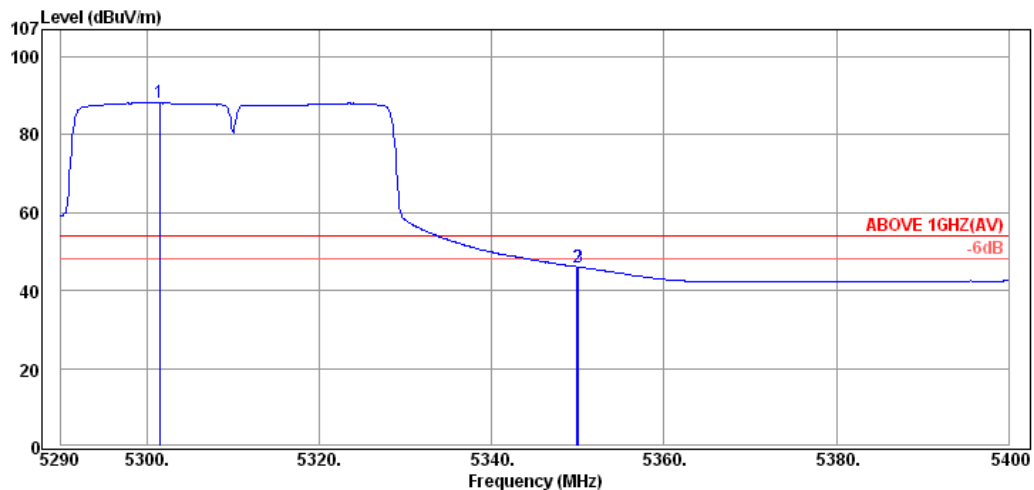
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5321.79	34.62	9.38	51.18	95.18	---	---	Average
5349.95	34.65	9.40	8.36	52.41	54.00	1.59	Average
5350.17	34.65	9.40	8.25	52.30	54.00	1.70	Average

Mode	802.11n-HT40	Frequency	TX 5310MHz
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Antenna at Vertical Polarization

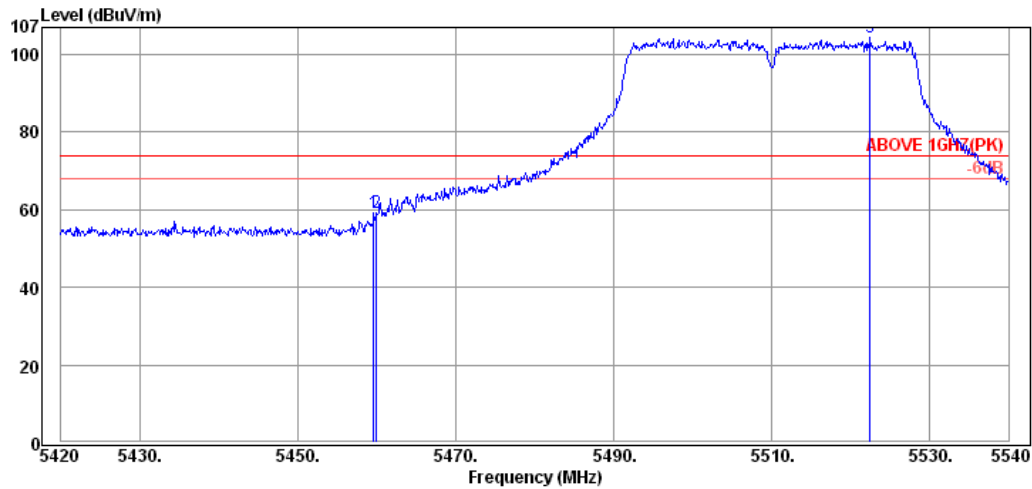
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5314.31	34.62	9.38	55.61	99.61	---	---	Peak
5349.95	34.65	9.40	13.84	57.89	74.00	16.11	Peak
5350.28	34.65	9.40	17.29	61.34	74.00	12.66	Peak



Antenna at Vertical Polarization

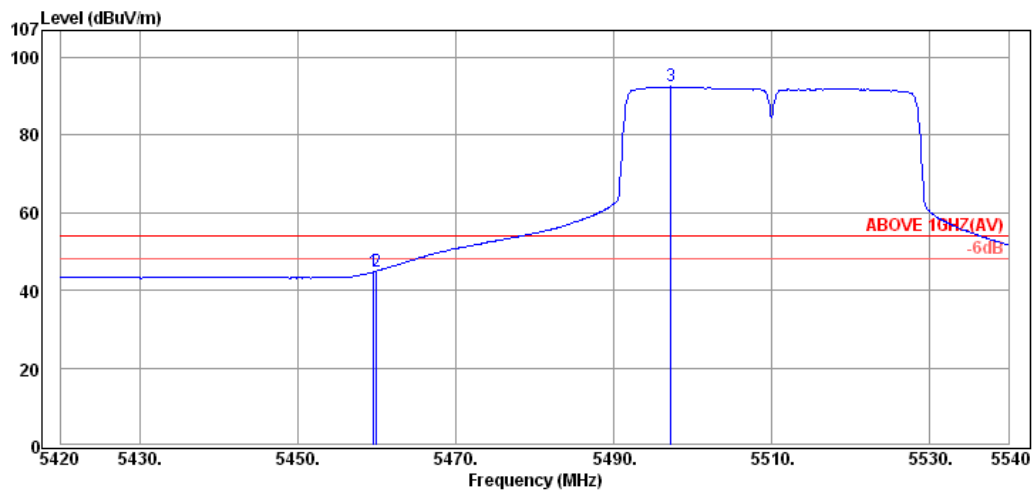
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5301.44	34.60	9.37	44.23	88.20	---	---	Average
5349.95	34.65	9.40	2.03	46.08	54.00	7.92	Average
5350.06	34.65	9.40	2.02	46.07	54.00	7.93	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Horizontal Polarization

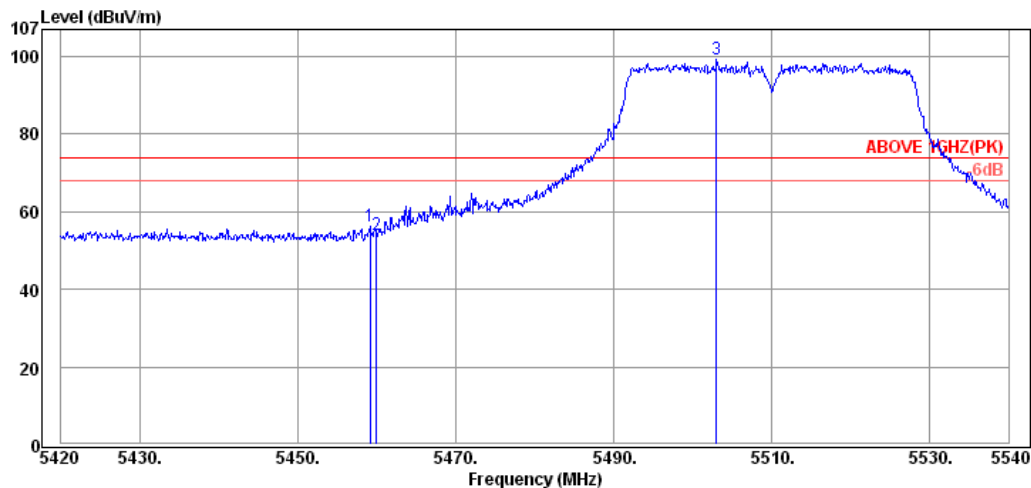
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.60	34.75	9.46	15.12	59.33	74.00	14.67	Peak
5459.96	34.75	9.46	15.02	59.23	74.00	14.77	Peak
5522.48	34.82	9.55	60.12	104.49	---	---	Peak



Antenna at Horizontal Polarization

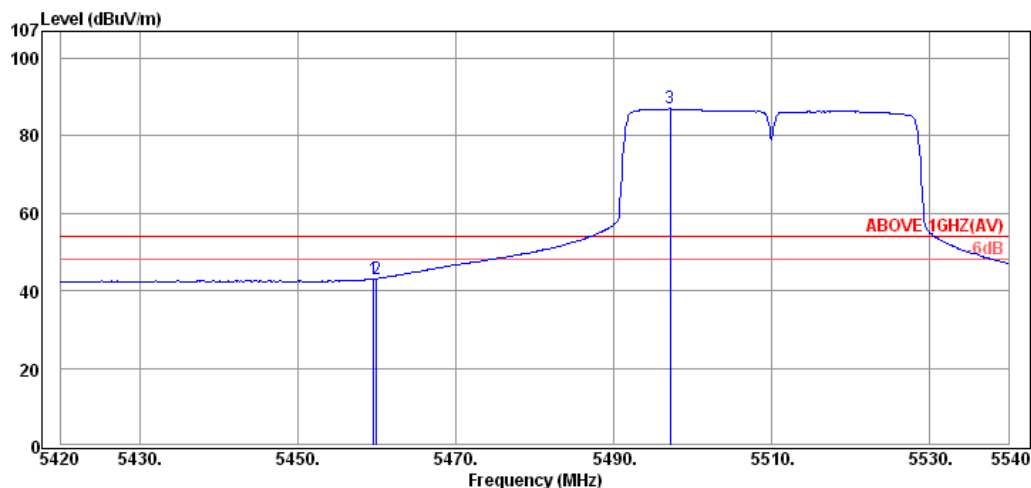
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.60	34.75	9.46	0.54	44.75	54.00	9.25	Average
5459.96	34.75	9.46	0.76	44.97	54.00	9.03	Average
5497.28	34.80	9.48	48.20	92.48	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Vertical Polarization

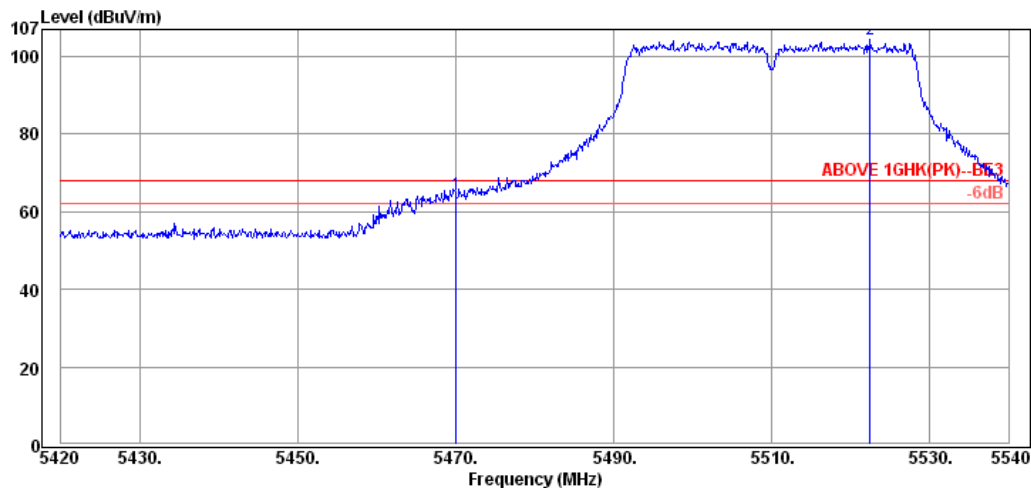
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.12	34.75	9.46	12.06	56.27	74.00	17.73	Peak
5459.96	34.75	9.46	9.98	54.19	74.00	19.81	Peak
5503.04	34.80	9.48	54.97	99.25	---	---	Peak



Antenna at Vertical Polarization

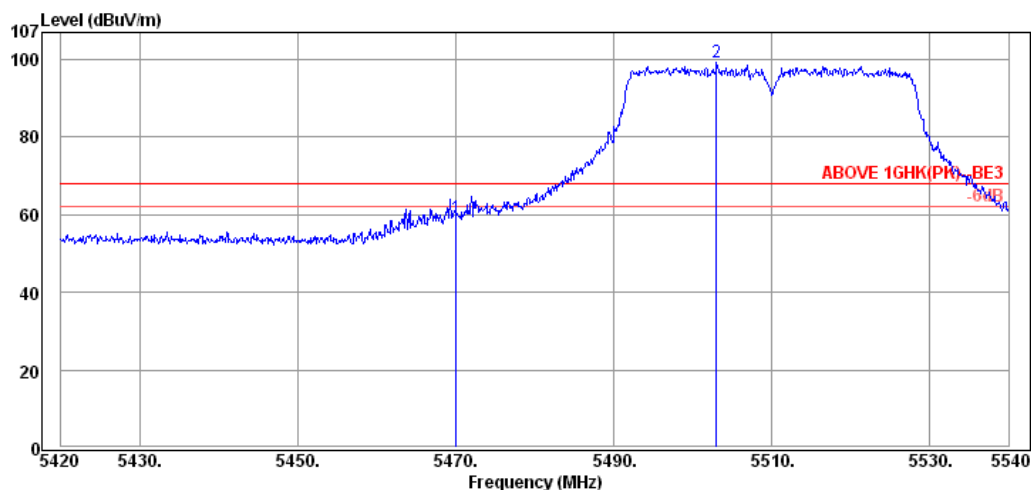
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.60	34.75	9.46	-1.12	43.09	54.00	10.91	Average
5459.96	34.75	9.46	-1.09	43.12	54.00	10.88	Average
5497.16	34.80	9.48	42.70	86.98	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Horizontal Polarization

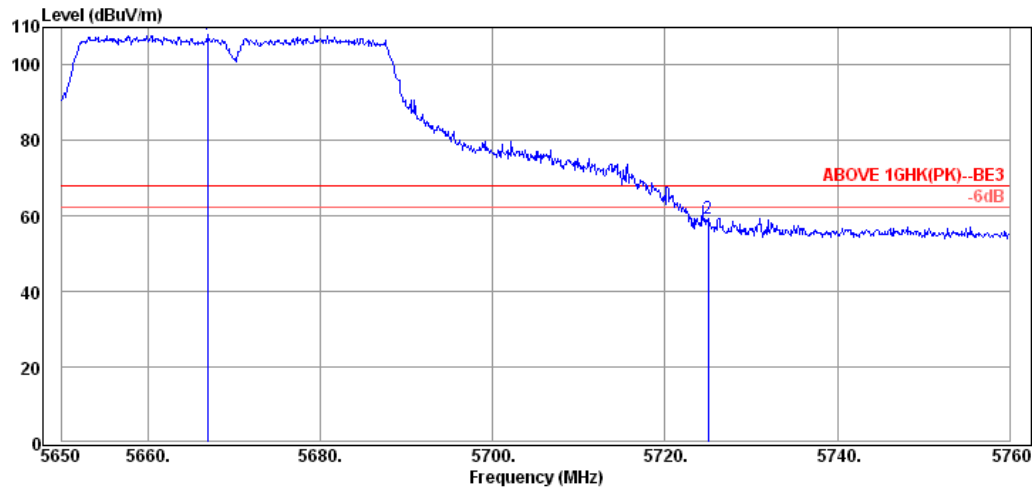
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.04	34.77	9.47	20.11	64.35	68.20	3.85	Peak
5522.48	34.82	9.55	60.12	104.49	---	---	Peak



Antenna at Vertical Polarization

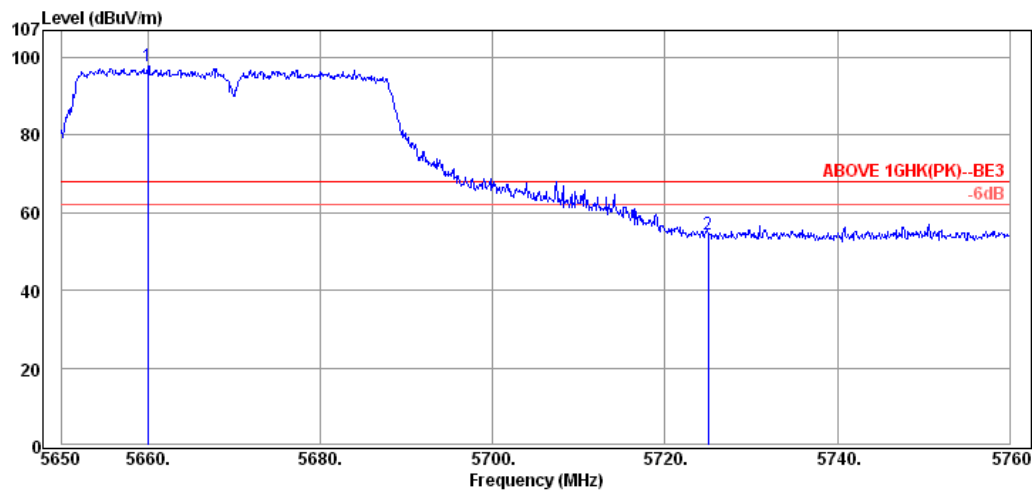
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.04	34.77	9.47	15.04	59.28	68.20	8.92	Peak
5503.04	34.80	9.48	54.97	99.25	---	---	Peak

Mode	802.11n-HT40	Frequency	TX 5670MHz
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Antenna at Horizontal Polarization

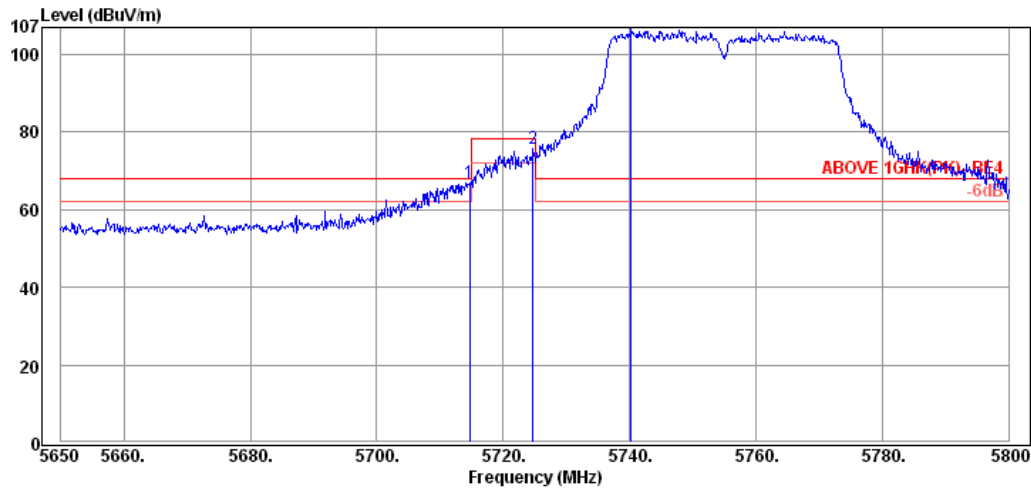
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5666.94	35.01	10.08	62.97	108.06	---	---	Peak
5725.02	35.07	10.29	13.91	59.27	68.20	8.93	Peak



Antenna at Vertical Polarization

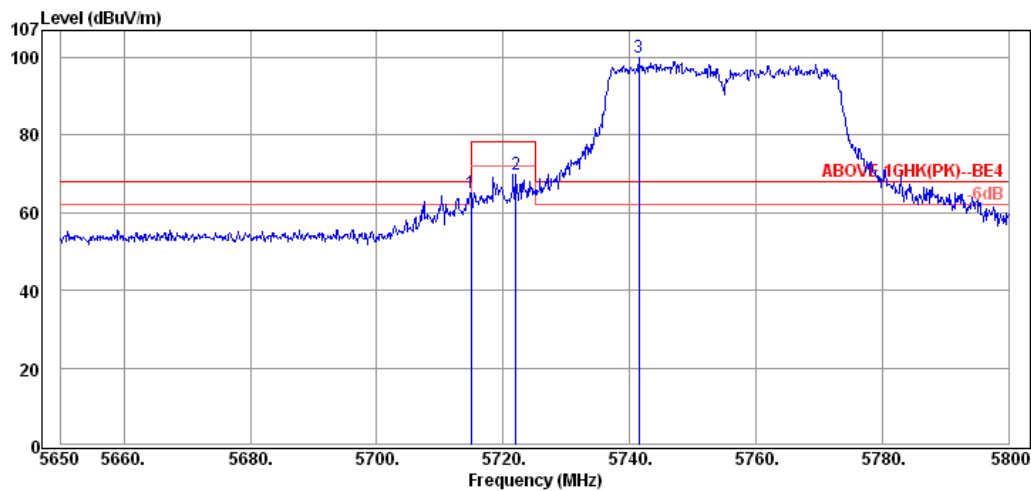
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5660.01	34.99	10.08	52.70	97.77	---	---	Peak
5725.02	35.07	10.29	8.95	54.31	68.20	13.89	Peak

Mode	802.11n-HT40	Frequency	TX 5755MHz
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Antenna at Horizontal Polarization

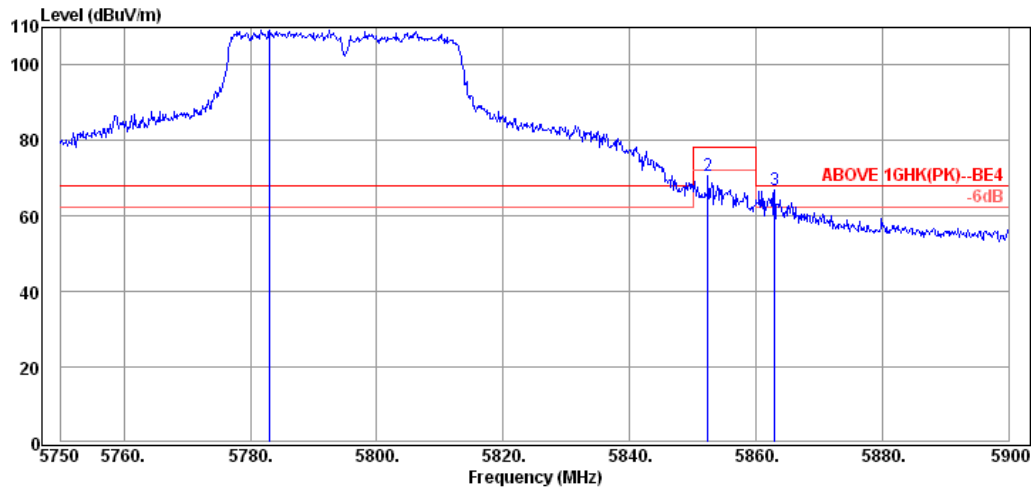
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.65	35.05	10.29	21.69	67.03	68.20	1.17	Peak
5724.70	35.07	10.29	30.28	75.64	78.20	2.56	Peak
5740.30	35.09	10.35	61.05	106.49	---	---	Peak



Antenna at Vertical Polarization

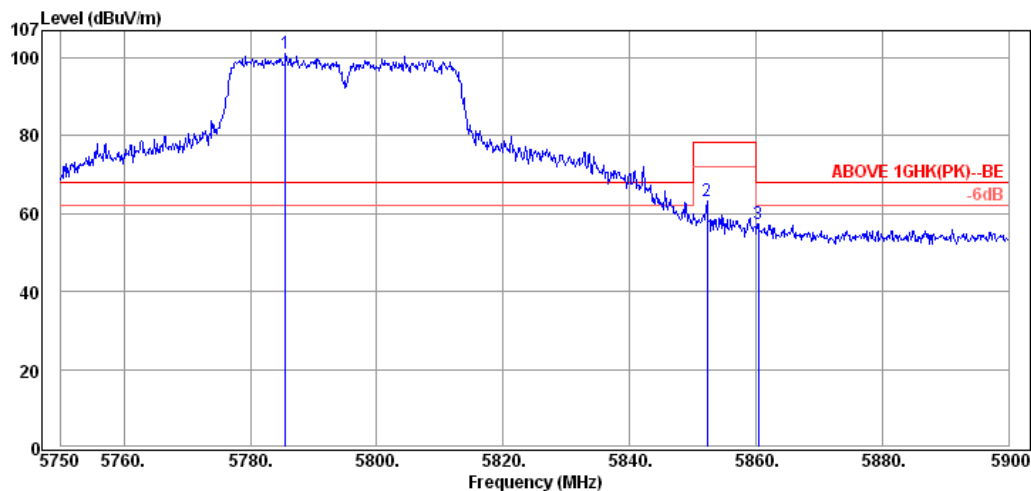
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.95	35.05	10.29	19.86	65.20	68.20	3.00	Peak
5722.00	35.07	10.29	24.68	70.04	78.20	8.16	Peak
5741.50	35.09	10.35	54.56	100.00	---	---	Peak

Mode	802.11n-HT40	Frequency	TX 5795MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5783.00	35.13	10.34	63.88	109.35	---	---	Peak
5852.45	35.21	10.22	25.24	70.67	78.20	7.53	Peak
5862.95	35.23	10.18	21.39	66.80	68.20	1.40	Peak

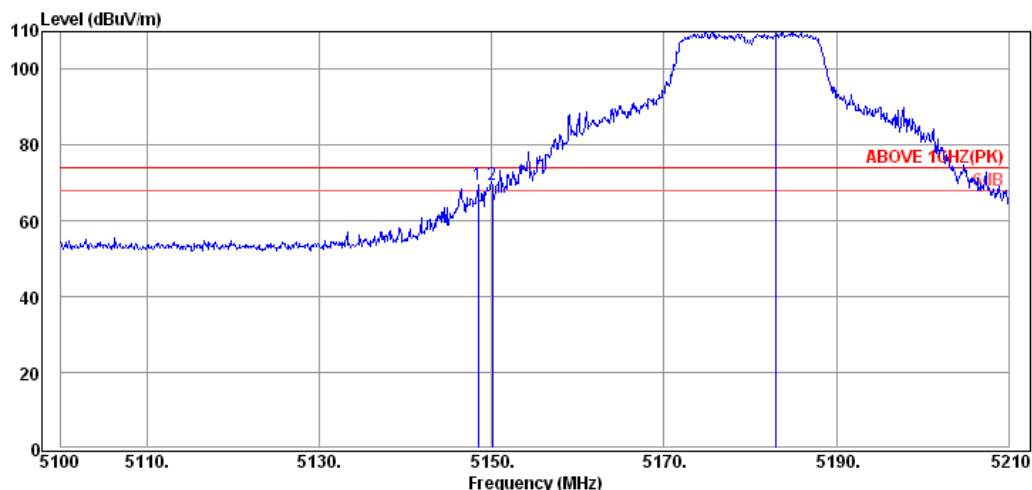


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5785.55	35.15	10.34	55.54	101.03	---	---	Peak
5852.30	35.21	10.22	17.78	63.21	78.20	14.99	Peak
5860.40	35.23	10.18	11.99	57.40	68.20	10.80	Peak

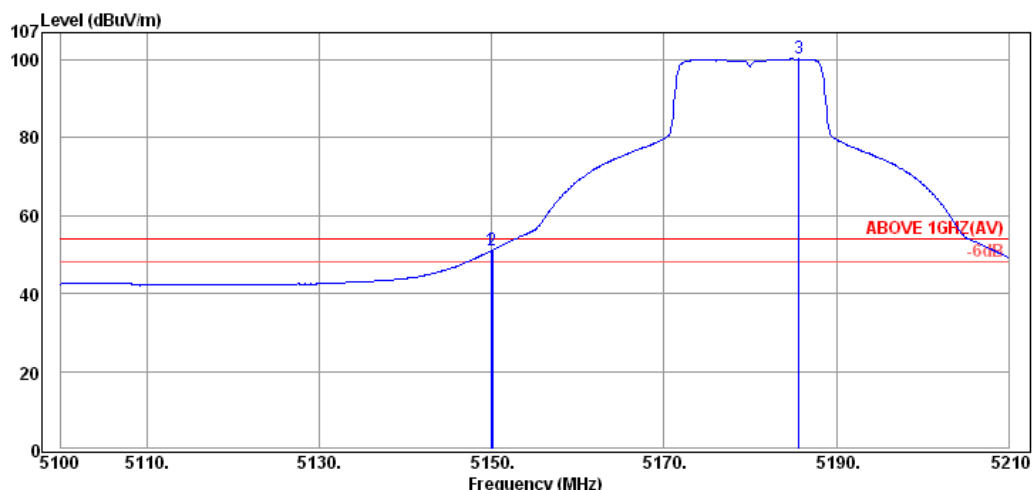
Antenna #2: ACM3-5036-A1-CC-S (FX-ANT-A8)

Mode	802.11a	Frequency	TX 5180MHz
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Antenna at Horizontal Polarization

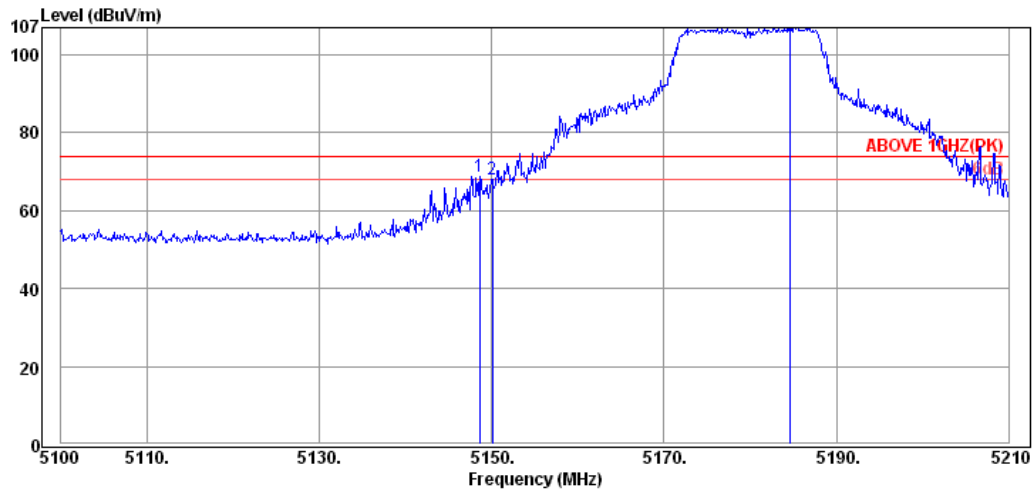
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.40	34.45	9.41	25.73	69.59	74.00	4.41	Peak
5150.05	34.45	9.41	25.79	69.65	74.00	4.35	Peak
5183.05	34.48	9.39	66.60	110.47	---	---	Peak



Antenna at Horizontal Polarization

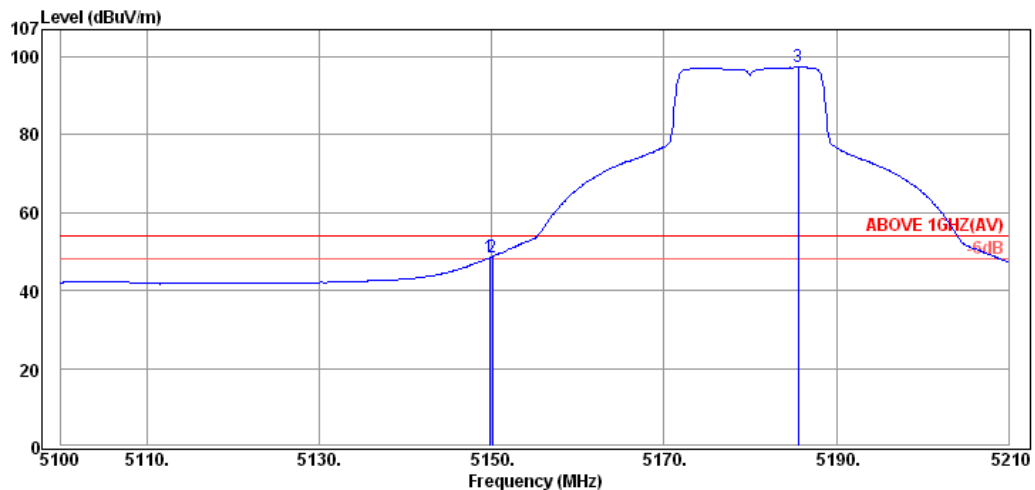
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.94	34.45	9.41	7.14	51.00	54.00	3.00	Average
5150.05	34.45	9.41	7.26	51.12	54.00	2.88	Average
5185.69	34.48	9.39	56.34	100.21	---	---	Average

Mode	802.11a	Frequency	TX 5180MHz
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Antenna at Vertical Polarization

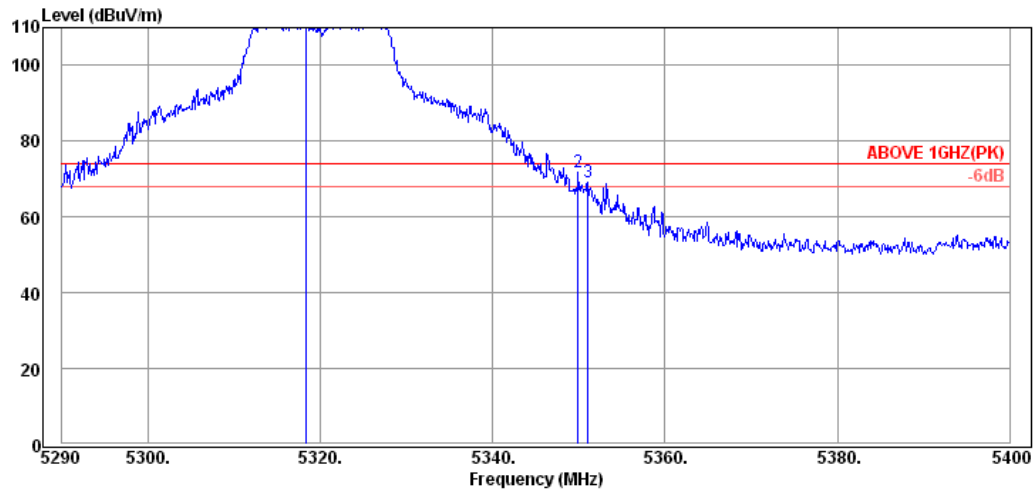
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.62	34.45	9.41	24.80	68.66	74.00	5.34	Peak
5150.05	34.45	9.41	24.07	67.93	74.00	6.07	Peak
5184.70	34.48	9.39	63.84	107.71	---	---	Peak



Antenna at Vertical Polarization

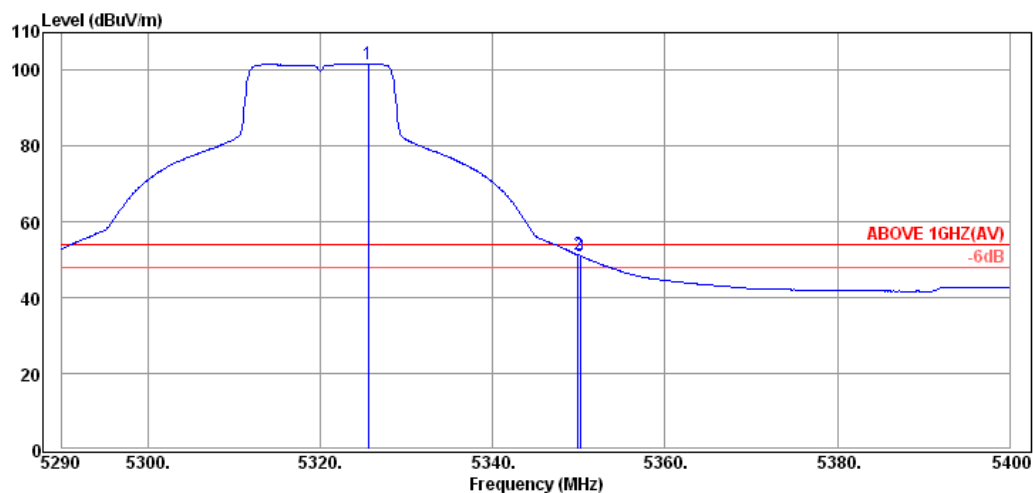
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.45	9.41	4.61	48.47	54.00	5.53	Average
5150.05	34.45	9.41	4.84	48.70	54.00	5.30	Average
5185.58	34.48	9.39	53.48	97.35	---	---	Average

Mode	802.11a	Frequency	TX 5320MHz
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Antenna at Horizontal Polarization

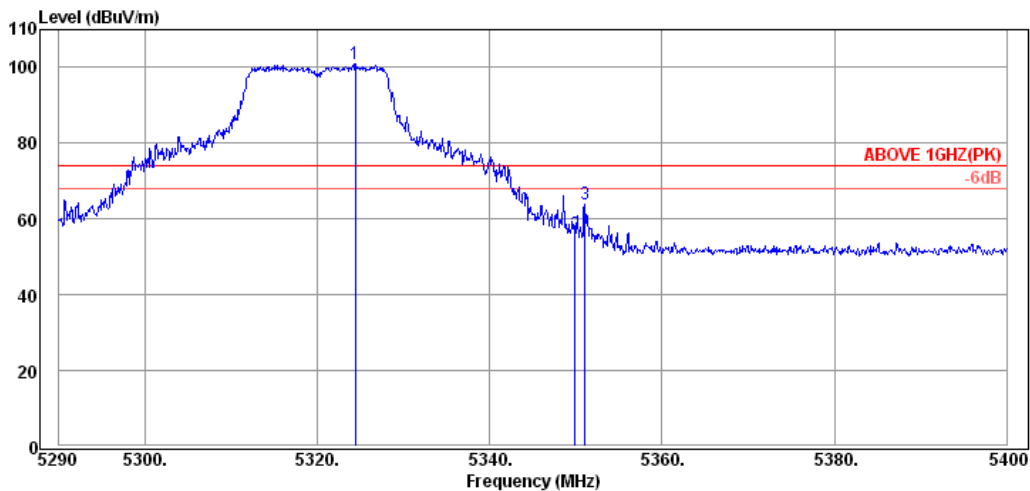
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5318.38	34.62	8.70	67.72	111.04	---	---	Peak
5349.95	34.65	8.61	28.73	71.99	74.00	2.01	Peak
5351.05	34.65	8.61	25.87	69.13	74.00	4.87	Peak



Antenna at Horizontal Polarization

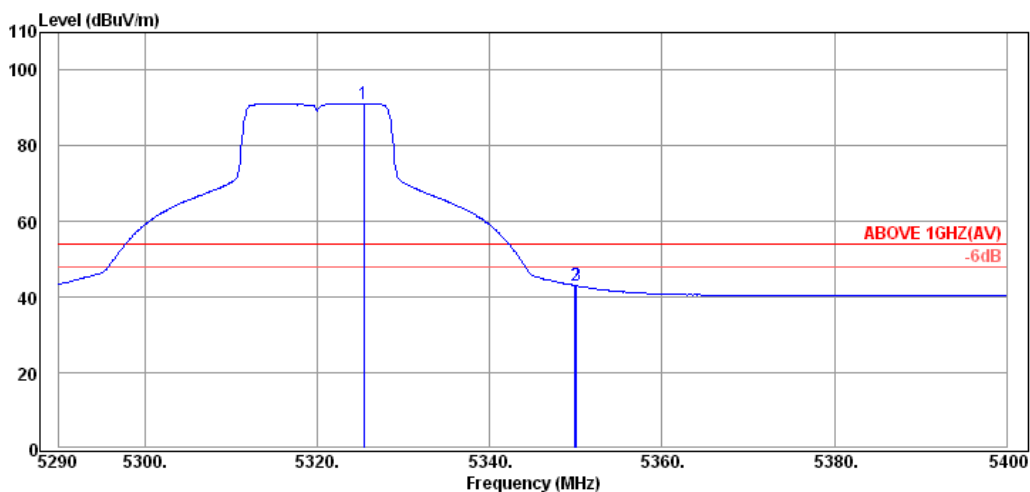
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5325.53	34.62	8.70	58.47	101.79	---	---	Average
5349.95	34.65	8.61	8.07	51.33	54.00	2.67	Average
5350.17	34.65	8.61	7.86	51.12	54.00	2.88	Average

Mode	802.11a	Frequency	TX 5320MHz
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Antenna at Vertical Polarization

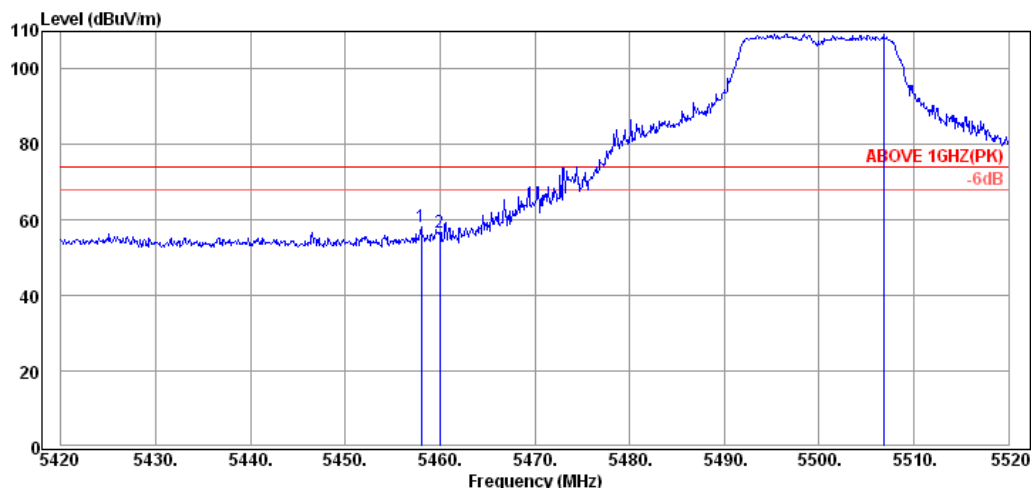
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5324.43	34.62	8.70	57.62	100.94	---	---	Peak
5349.95	34.65	8.61	12.74	56.00	74.00	18.00	Peak
5351.05	34.65	8.61	20.63	63.89	74.00	10.11	Peak



Antenna at Vertical Polarization

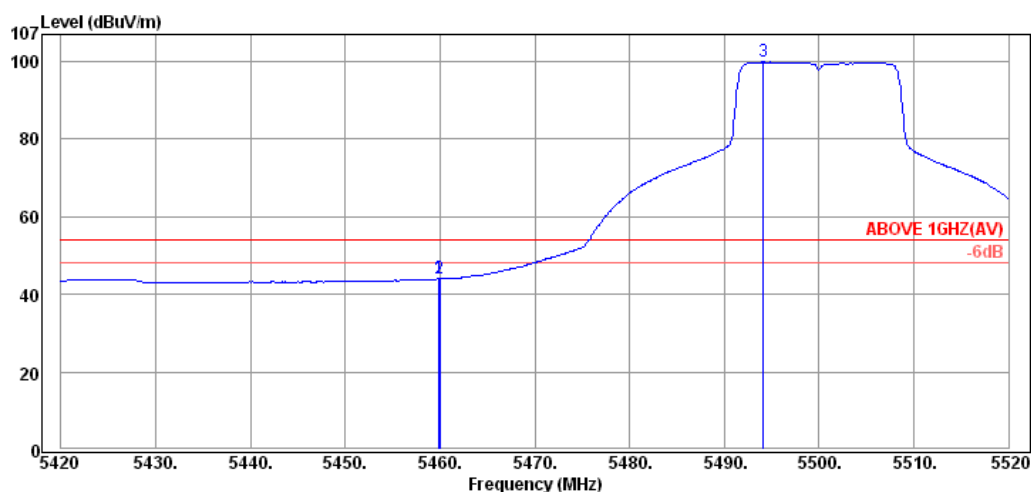
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5325.42	34.62	8.70	47.94	91.26	---	---	Average
5349.95	34.65	8.61	-0.19	43.07	54.00	10.93	Average
5350.06	34.65	8.61	-0.21	43.05	54.00	10.95	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

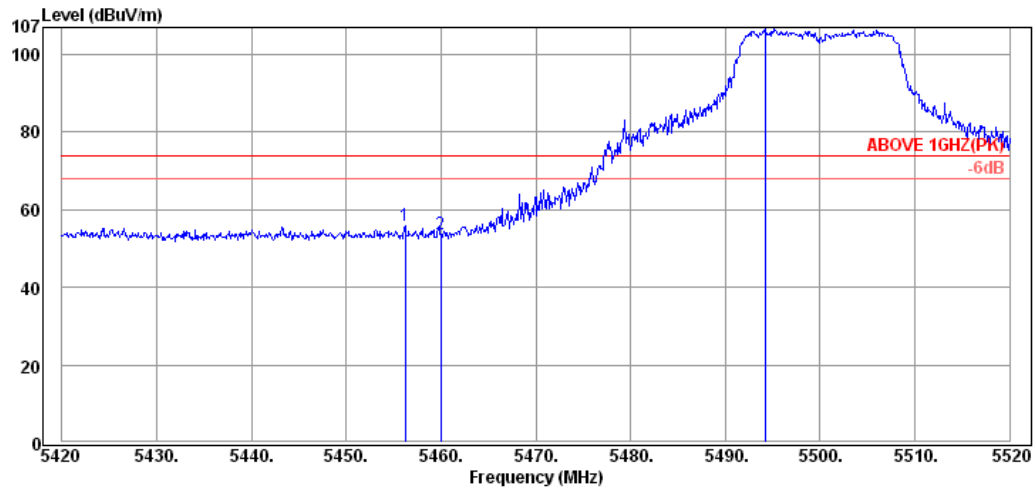
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.00	34.75	9.46	13.91	58.12	74.00	15.88	Peak
5460.00	34.75	9.46	12.37	56.58	74.00	17.42	Peak
5506.80	34.80	9.55	65.04	109.39	---	---	Peak



Antenna at Horizontal Polarization

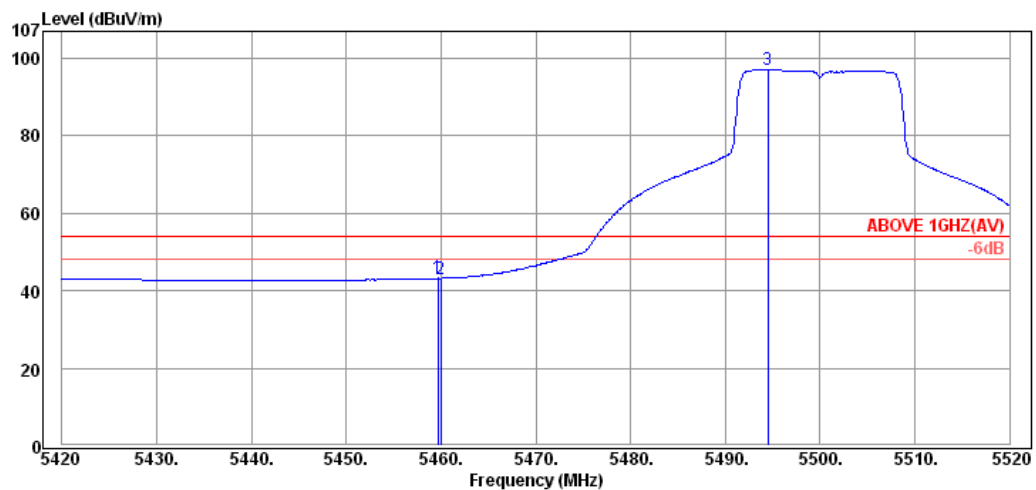
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.90	34.75	9.46	-0.22	43.99	54.00	10.01	Average
5460.00	34.75	9.46	-0.21	44.00	54.00	10.00	Average
5494.10	34.78	9.48	55.63	99.89	---	---	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Vertical Polarization

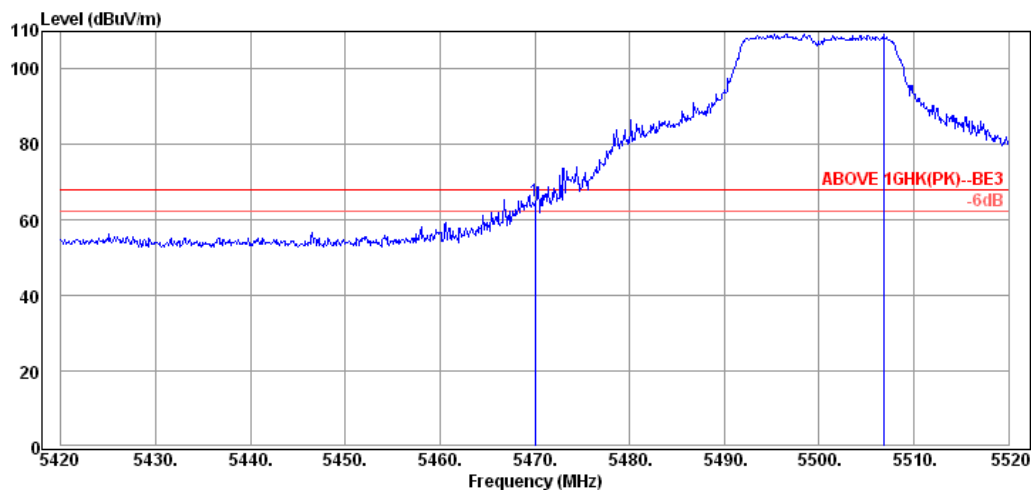
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5456.20	34.75	9.46	11.79	56.00	74.00	18.00	Peak
5460.00	34.75	9.46	9.51	53.72	74.00	20.28	Peak
5494.30	34.78	9.48	62.28	106.54	---	---	Peak



Antenna at Vertical Polarization

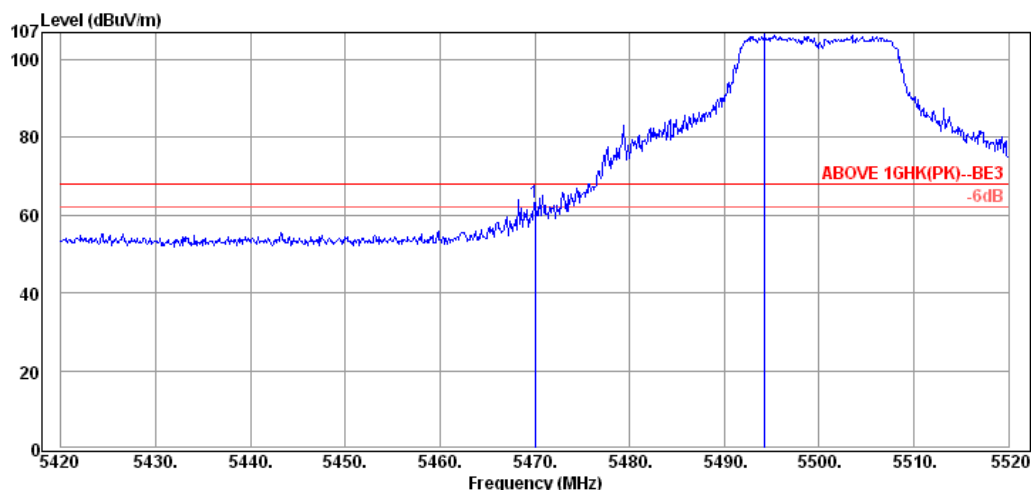
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.70	34.75	9.46	-1.00	43.21	54.00	10.79	Average
5460.00	34.75	9.46	-1.04	43.17	54.00	10.83	Average
5494.50	34.78	9.48	52.79	97.05	---	---	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

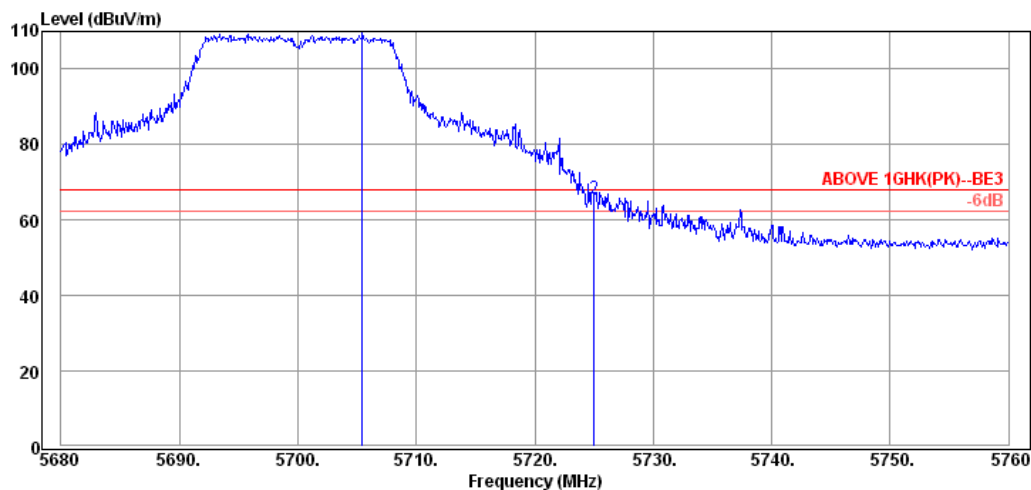
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	9.47	20.61	64.85	68.20	3.35	Peak
5506.80	34.80	9.55	65.04	109.39	---	---	Peak



Antenna at Vertical Polarization

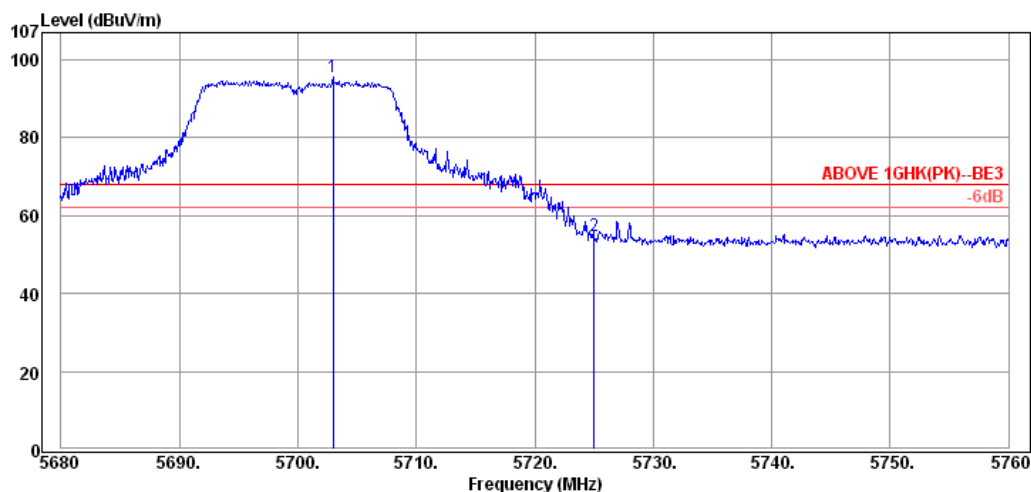
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	9.47	19.12	63.36	68.20	4.84	Peak
5494.30	34.78	9.48	62.28	106.54	---	---	Peak

Mode	802.11a	Frequency	TX 5700MHz
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Antenna at Horizontal Polarization

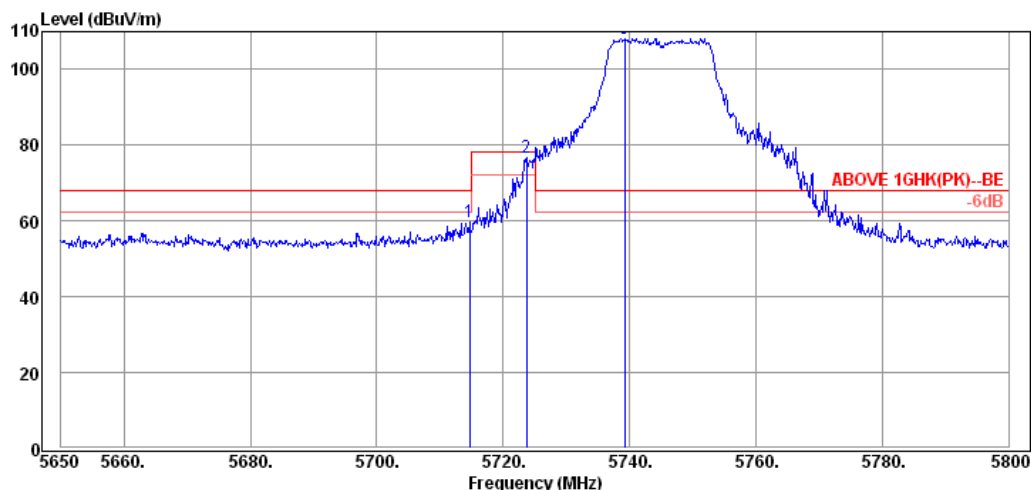
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5705.44	35.05	9.73	64.87	109.65	---	---	Peak
5725.04	35.07	9.78	20.93	65.78	68.20	2.42	Peak



Antenna at Vertical Polarization

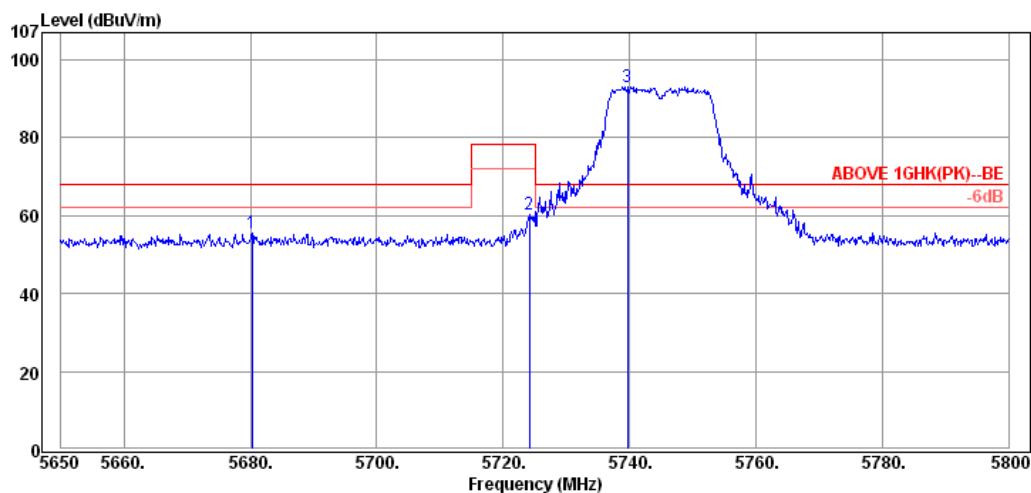
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5702.96	35.05	9.73	50.67	95.45	---	---	Peak
5725.04	35.07	9.78	10.04	54.89	68.20	13.31	Peak

Mode	802.11a	Frequency	TX 5745MHz
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Antenna at Horizontal Polarization

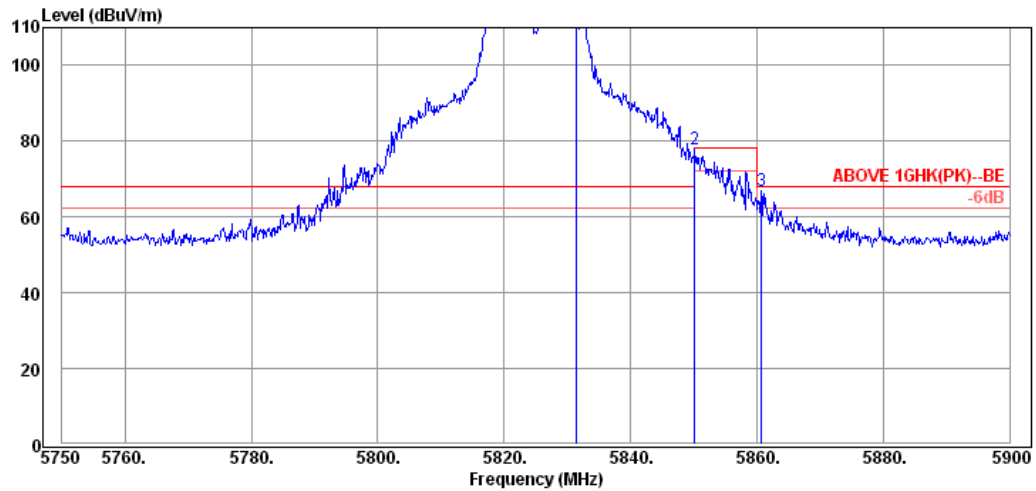
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.65	35.05	10.29	14.27	59.61	68.20	8.59	Peak
5723.65	35.07	10.29	31.40	76.76	78.20	1.44	Peak
5739.25	35.09	10.35	62.86	108.30	---	---	Peak



Antenna at Vertical Polarization

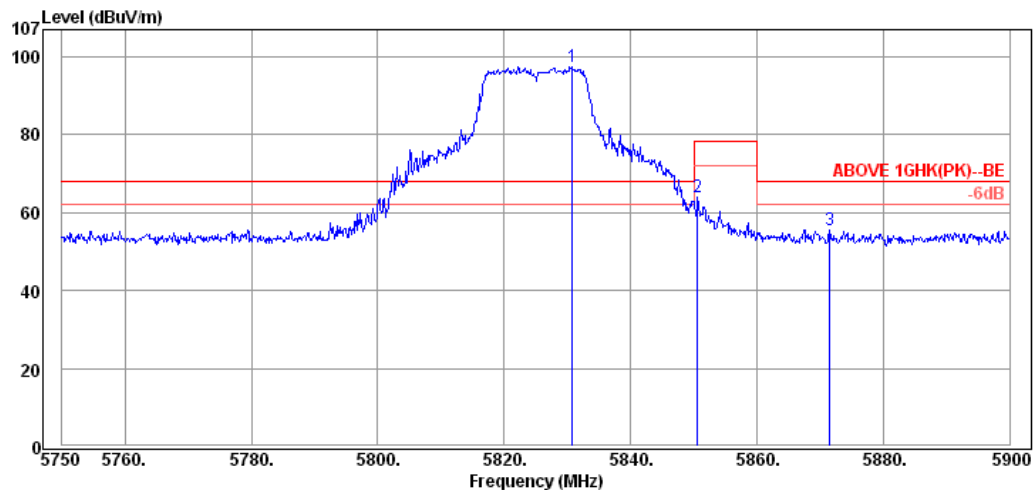
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5680.30	35.01	10.15	10.31	55.47	68.20	12.73	Peak
5724.10	35.07	10.29	14.97	60.33	78.20	17.87	Peak
5739.70	35.09	10.35	47.69	93.13	---	---	Peak

Mode	802.11a	Frequency	TX 5825MHz
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Antenna at Horizontal Polarization

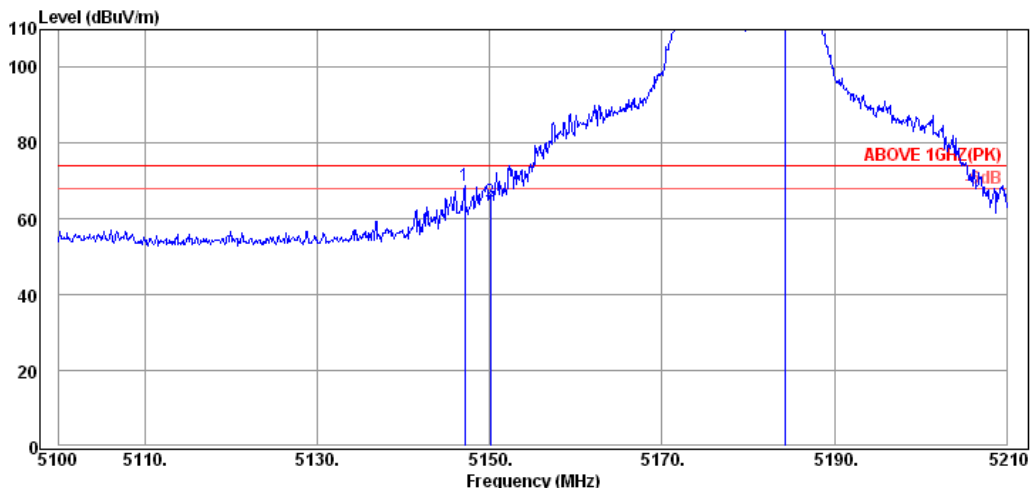
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5831.45	35.19	10.26	66.44	111.89	---	---	Peak
5850.20	35.21	10.22	32.33	77.76	78.20	0.44	Peak
5860.70	35.23	10.18	21.58	66.99	68.20	1.21	Peak



Antenna at Vertical Polarization

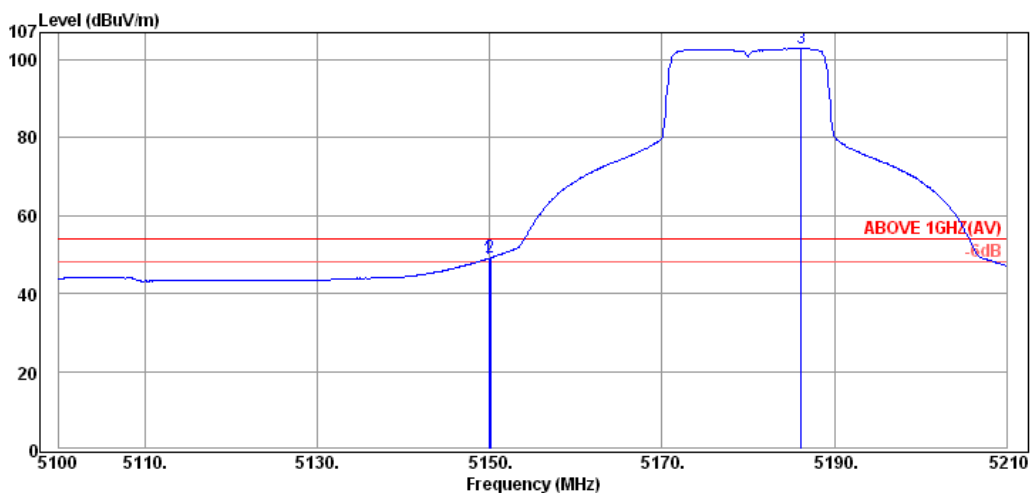
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5830.85	35.19	10.26	51.92	97.37	---	---	Peak
5850.65	35.21	10.22	18.44	63.87	78.20	14.33	Peak
5871.50	35.26	10.18	10.03	55.47	68.20	12.73	Peak

Mode	802.11n-HT20	Frequency	TX 5180MHz
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Antenna at Horizontal Polarization

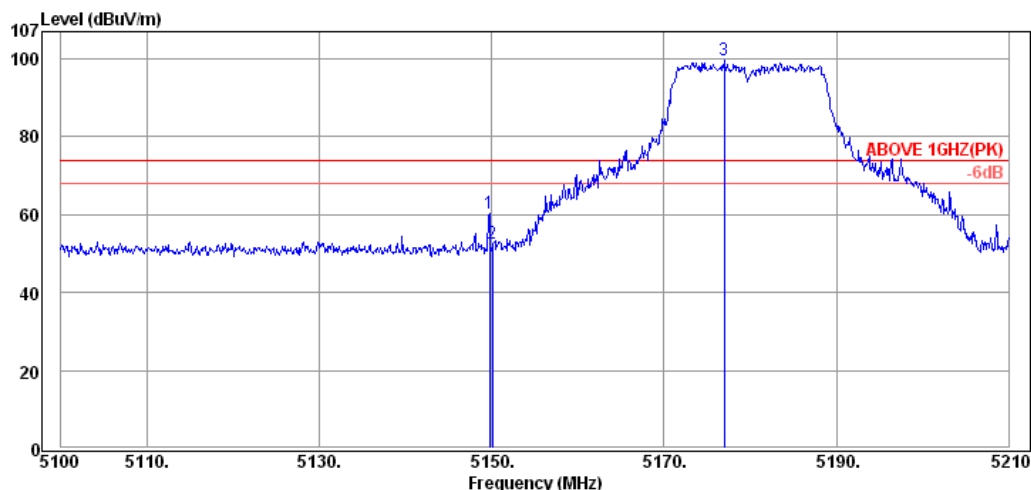
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.08	34.45	9.41	24.97	68.83	74.00	5.17	Peak
5150.05	34.45	9.41	20.66	64.52	74.00	9.48	Peak
5184.37	34.48	9.39	69.09	112.96	---	---	Peak



Antenna at Horizontal Polarization

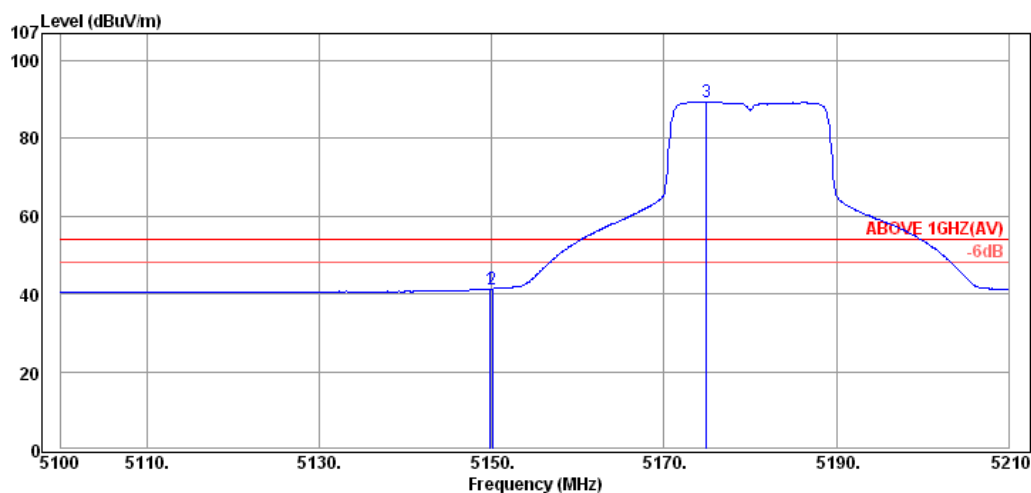
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.94	34.45	9.41	5.22	49.08	54.00	4.92	Average
5150.05	34.45	9.41	5.31	49.17	54.00	4.83	Average
5186.13	34.48	9.39	59.04	102.91	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5180MHz
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Antenna at Vertical Polarization

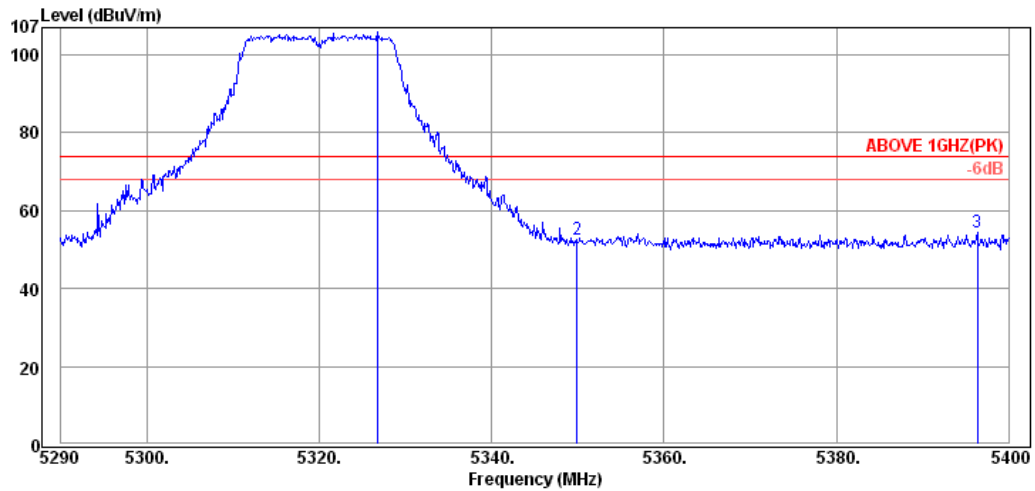
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.45	9.41	16.35	60.21	74.00	13.79	Peak
5150.05	34.45	9.41	8.58	52.44	74.00	21.56	Peak
5177.00	34.48	9.39	55.73	99.60	---	---	Peak



Antenna at Vertical Polarization

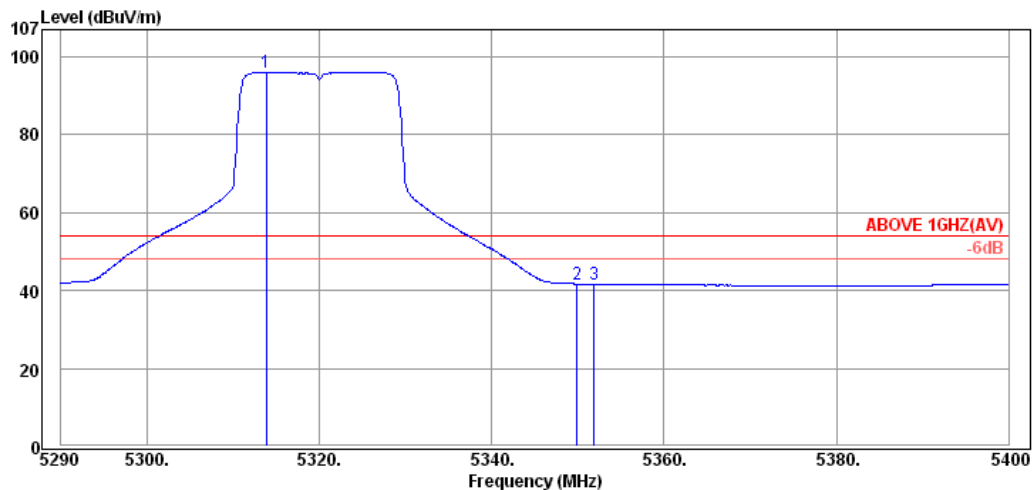
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.83	34.45	9.41	-2.52	41.34	54.00	12.66	Average
5150.05	34.45	9.41	-2.51	41.35	54.00	12.65	Average
5174.91	34.48	9.39	45.55	89.42	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5320MHz
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Antenna at Horizontal Polarization

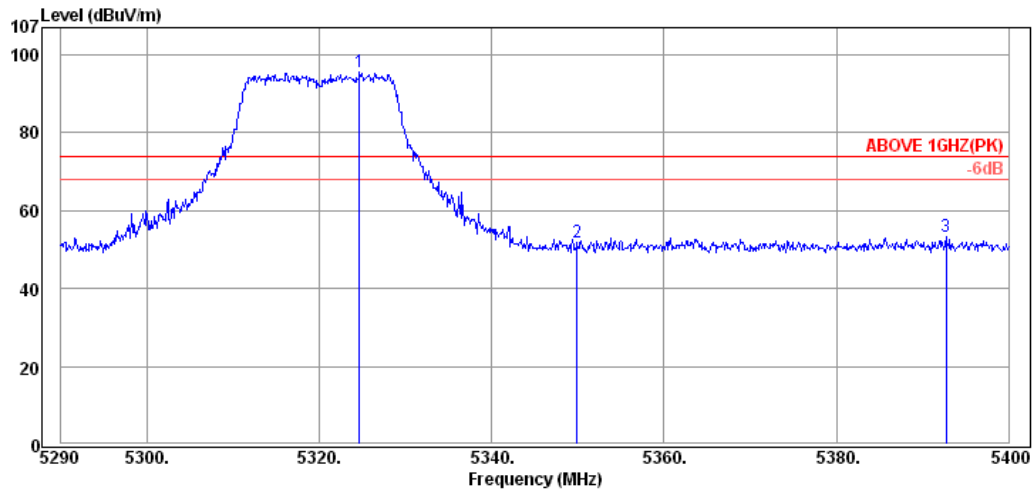
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5326.74	34.63	8.66	62.78	106.07	---	---	Peak
5349.95	34.65	8.61	9.35	52.61	74.00	21.39	Peak
5396.37	34.70	8.49	11.13	54.32	74.00	19.68	Peak



Antenna at Horizontal Polarization

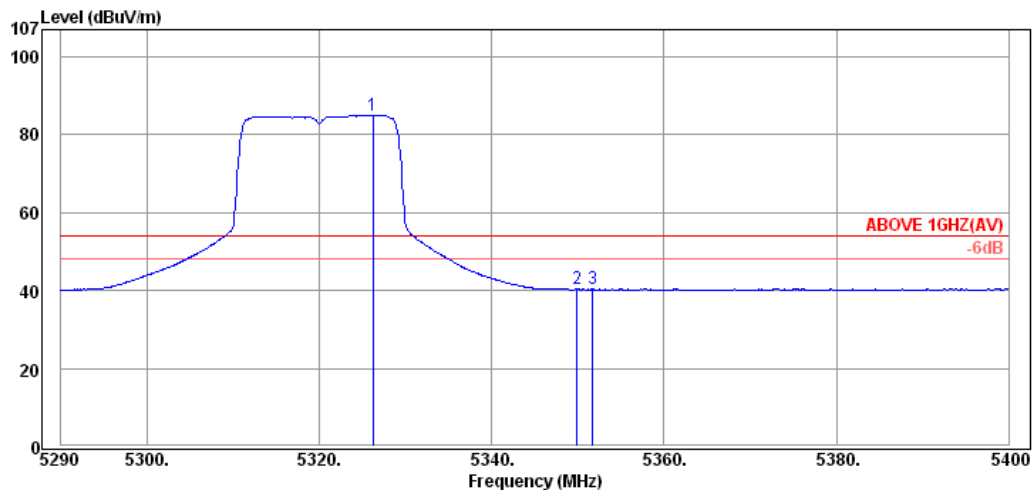
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5313.87	34.62	8.70	52.82	96.14	---	---	Average
5349.95	34.65	8.61	-1.56	41.70	54.00	12.30	Average
5351.93	34.65	8.61	-1.53	41.73	54.00	12.27	Average

Mode	802.11n-HT20	Frequency	TX 5320MHz
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Antenna at Vertical Polarization

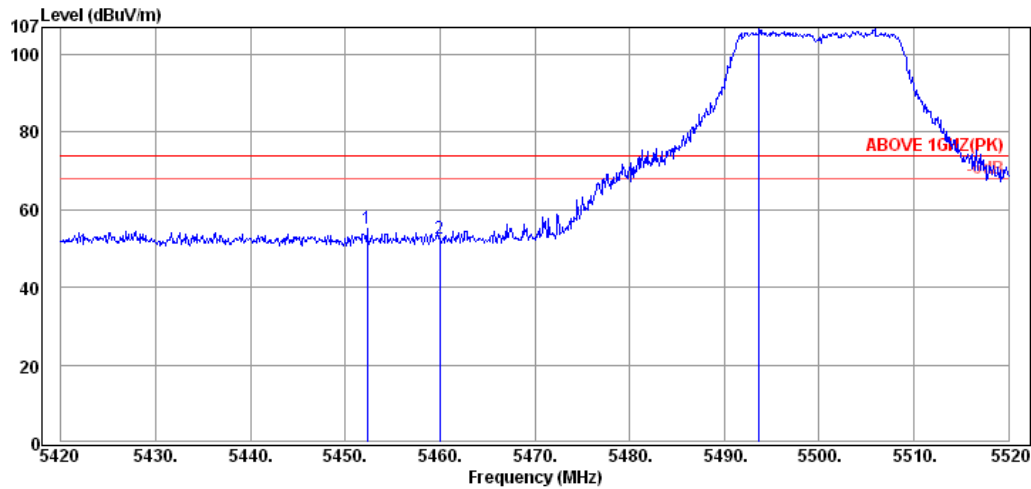
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5324.65	34.62	8.70	52.27	95.59	---	---	Peak
5349.95	34.65	8.61	8.56	51.82	74.00	22.18	Peak
5392.74	34.68	8.53	10.24	53.45	74.00	20.55	Peak



Antenna at Vertical Polarization

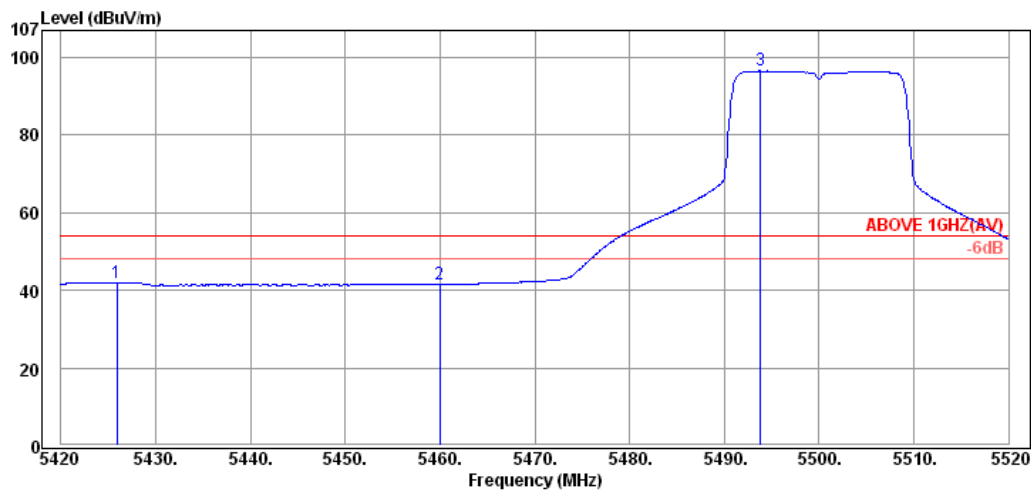
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5326.19	34.62	8.70	41.70	85.02	---	---	Average
5349.95	34.65	8.61	-2.99	40.27	54.00	13.73	Average
5351.71	34.65	8.61	-2.95	40.31	54.00	13.69	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

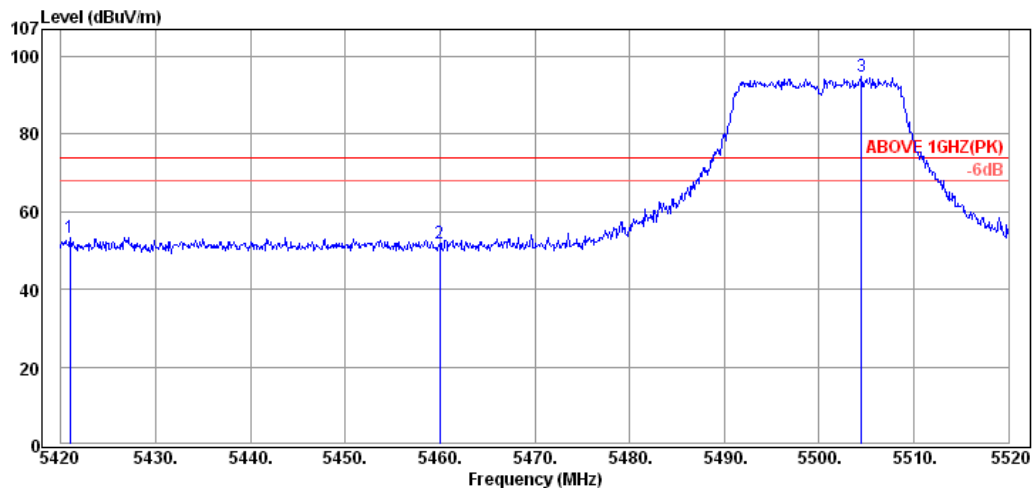
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5452.30	34.75	8.61	11.81	55.17	74.00	18.83	Peak
5460.00	34.75	8.61	9.38	52.74	74.00	21.26	Peak
5493.70	34.78	8.69	64.02	107.49	---	---	Peak



Antenna at Horizontal Polarization

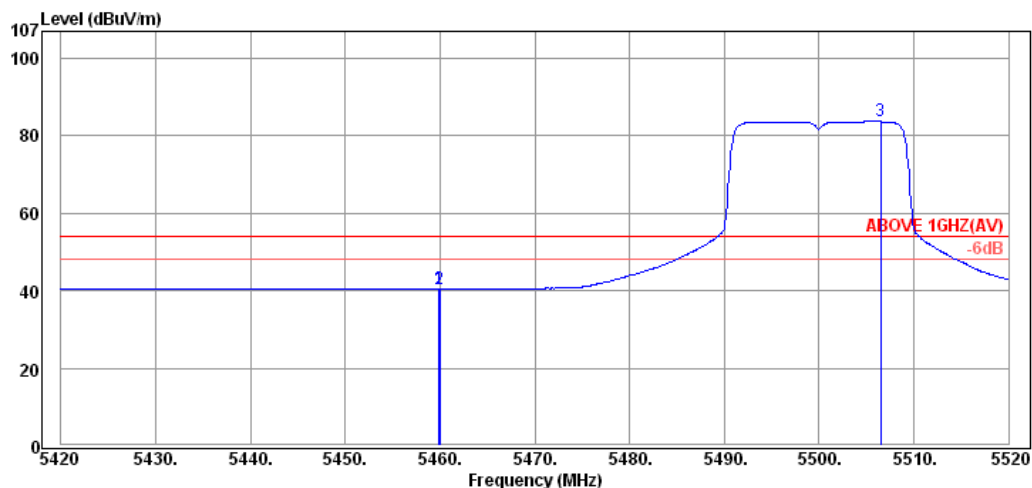
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5425.90	34.72	8.53	-1.30	41.95	54.00	12.05	Average
5460.00	34.75	8.61	-1.81	41.55	54.00	12.45	Average
5493.80	34.78	8.69	53.07	96.54	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Vertical Polarization

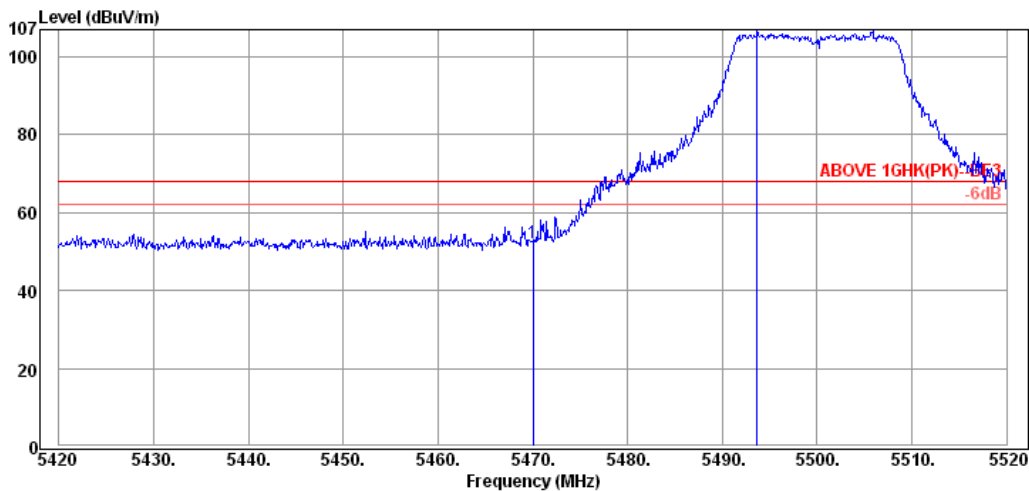
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5421.00	34.72	8.53	10.24	53.49	74.00	20.51	Peak
5460.00	34.75	8.61	8.42	51.78	74.00	22.22	Peak
5504.50	34.80	8.73	51.40	94.93	---	---	Peak



Antenna at Vertical Polarization

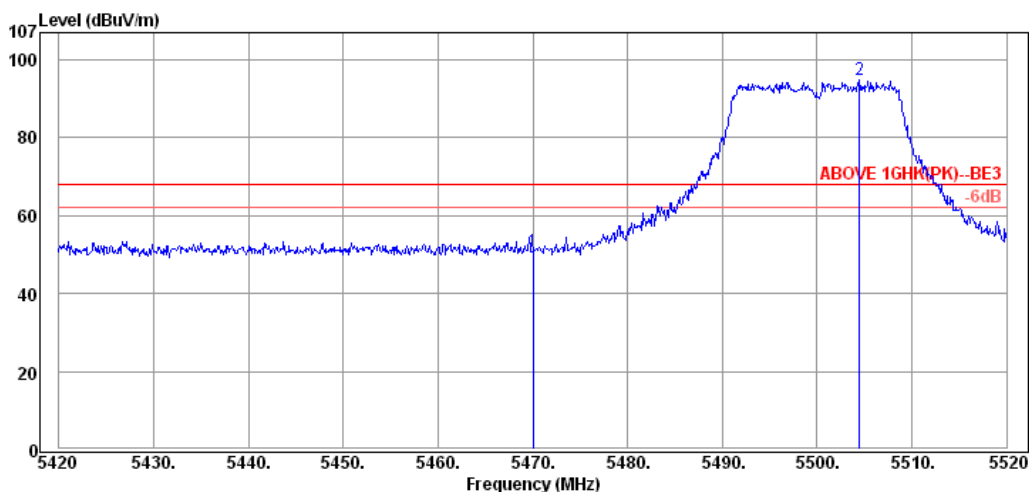
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.90	34.75	8.61	-2.81	40.55	54.00	13.45	Average
5460.00	34.75	8.61	-2.86	40.50	54.00	13.50	Average
5506.50	34.80	8.73	40.21	83.74	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

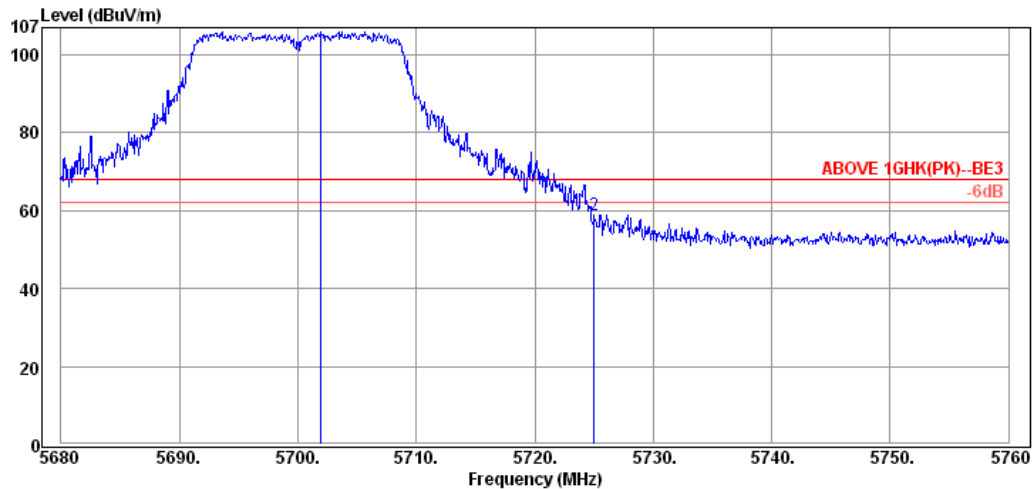
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	8.65	8.96	52.38	68.20	15.82	Peak
5493.70	34.78	8.69	64.02	107.49	---	---	Peak



Antenna at Vertical Polarization

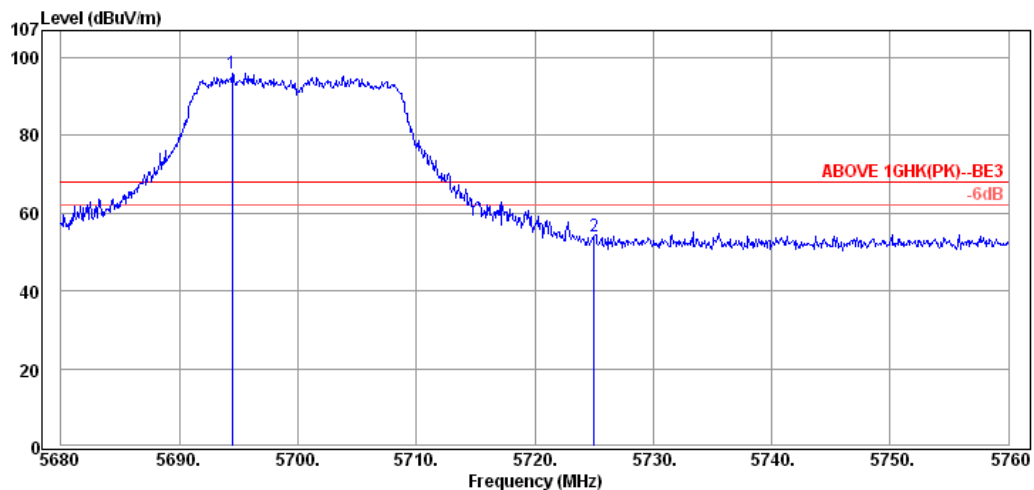
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	8.65	7.33	50.75	68.20	17.45	Peak
5504.50	34.80	8.73	51.40	94.93	---	---	Peak

Mode	802.11n-HT20	Frequency	TX 5700MHz
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Antenna at Horizontal Polarization

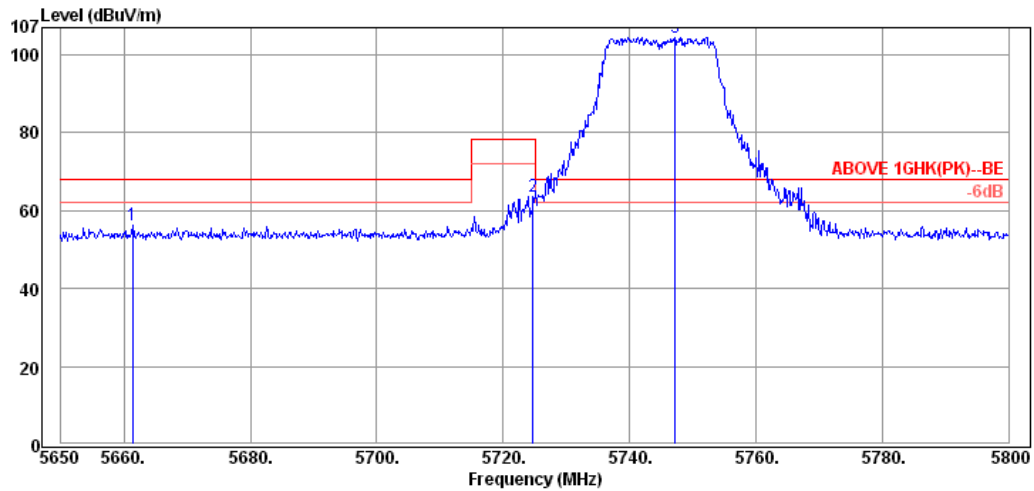
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5701.92	35.05	9.73	61.06	105.84	---	---	Peak
5725.04	35.07	9.78	14.06	58.91	68.20	9.29	Peak



Antenna at Vertical Polarization

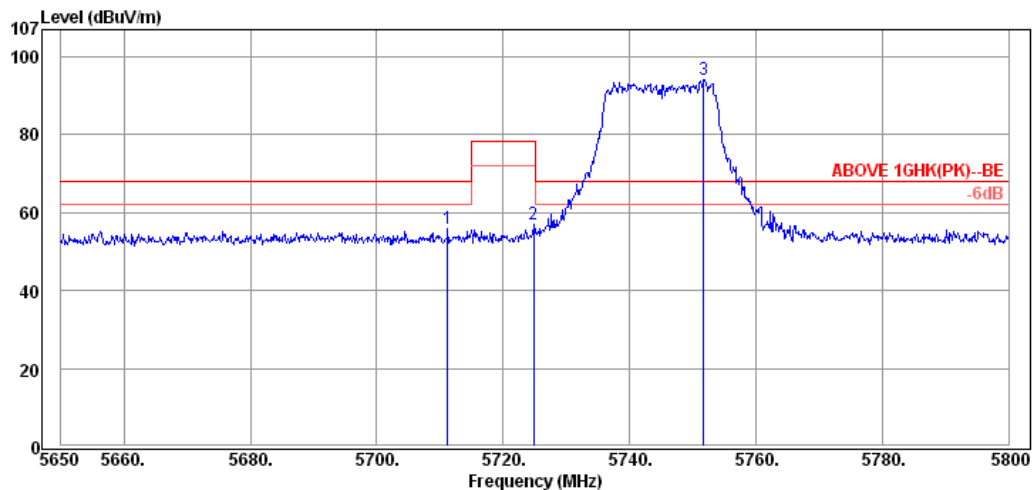
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5694.48	35.03	9.68	51.31	96.02	---	---	Peak
5725.04	35.07	9.78	9.26	54.11	68.20	14.09	Peak

Mode	802.11n-HT20	Frequency	TX 5745MHz
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Antenna at Horizontal Polarization

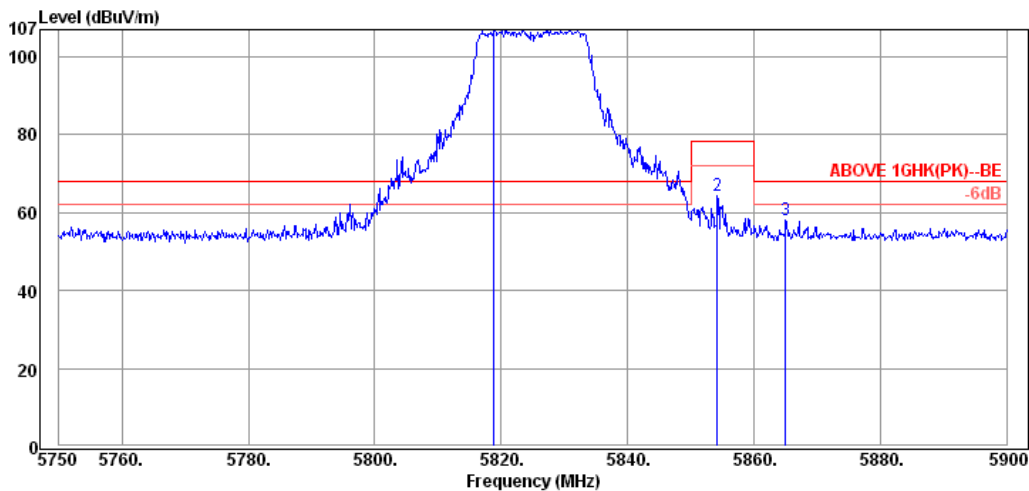
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5661.40	34.99	10.08	11.02	56.09	68.20	12.11	Peak
5724.70	35.07	10.29	18.21	63.57	78.20	14.63	Peak
5747.20	35.09	10.42	58.91	104.42	---	---	Peak



Antenna at Vertical Polarization

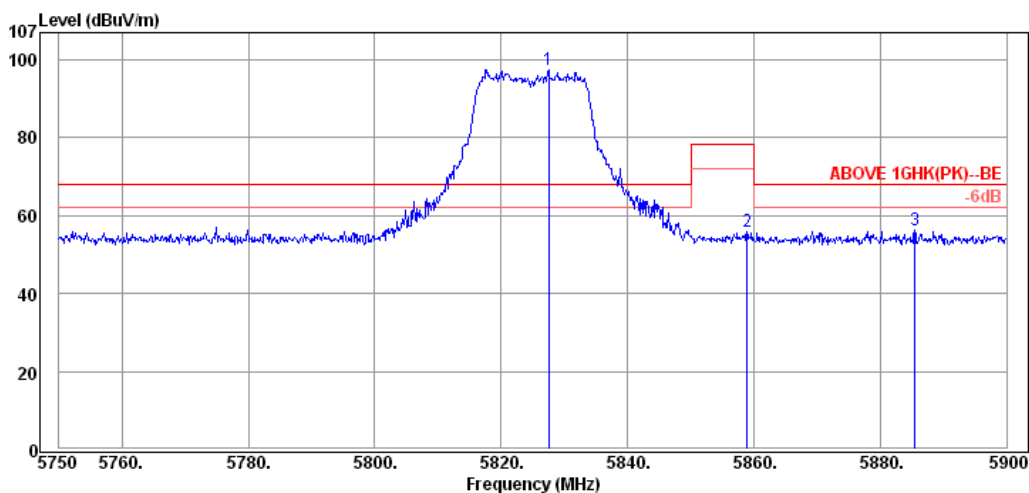
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5711.20	35.05	10.29	10.41	55.75	68.20	12.45	Peak
5724.85	35.07	10.29	11.66	57.02	78.20	21.18	Peak
5751.70	35.11	10.42	48.54	94.07	---	---	Peak

Mode	802.11n-HT20	Frequency	TX 5825MHz
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Antenna at Horizontal Polarization

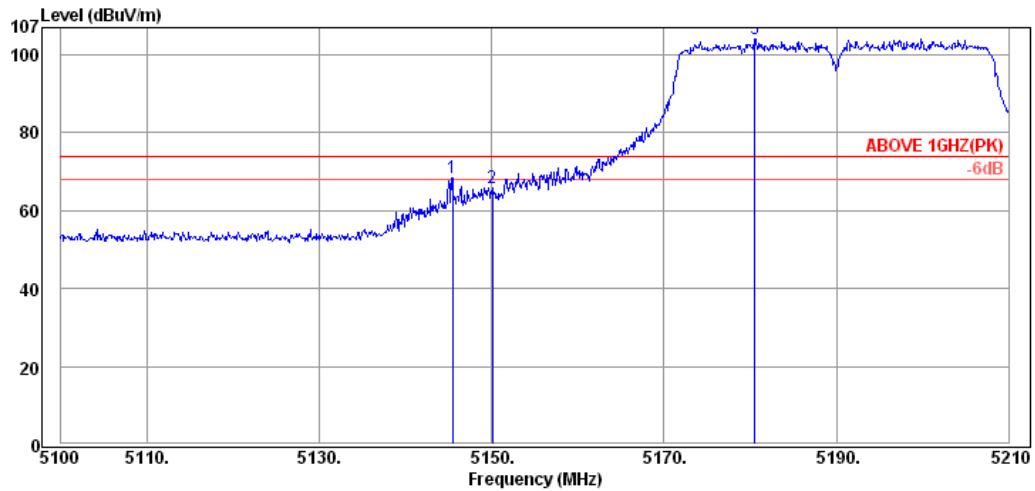
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5818.85	35.17	10.30	62.39	107.86	---	---	Peak
5854.25	35.23	10.22	18.72	64.17	78.20	14.03	Peak
5865.05	35.23	10.18	12.71	58.12	68.20	10.08	Peak



Antenna at Vertical Polarization

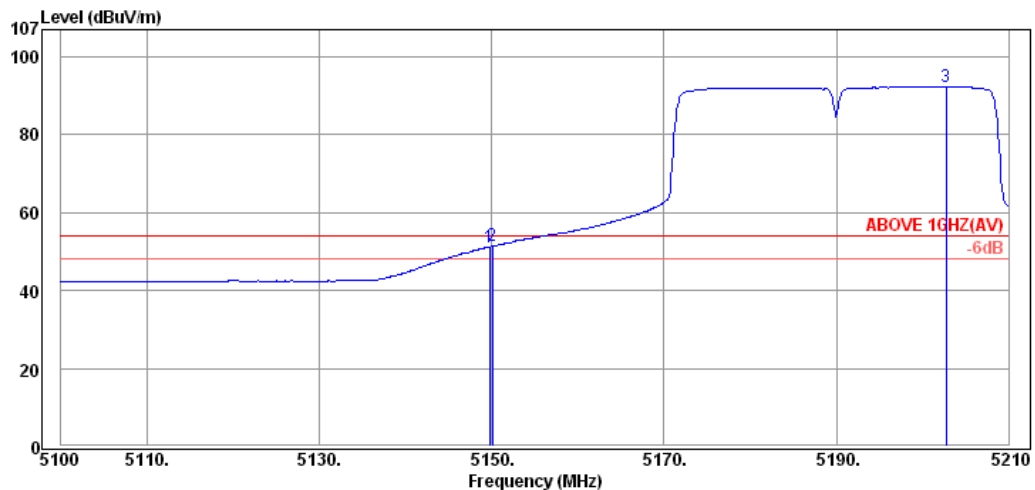
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5827.55	35.19	10.26	52.07	97.52	---	---	Peak
5858.90	35.23	10.22	10.26	55.71	78.20	22.49	Peak
5885.45	35.26	10.15	10.87	56.28	68.20	11.92	Peak

Mode	802.11n-HT40	Frequency	TX 5190MHz
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Antenna at Horizontal Polarization

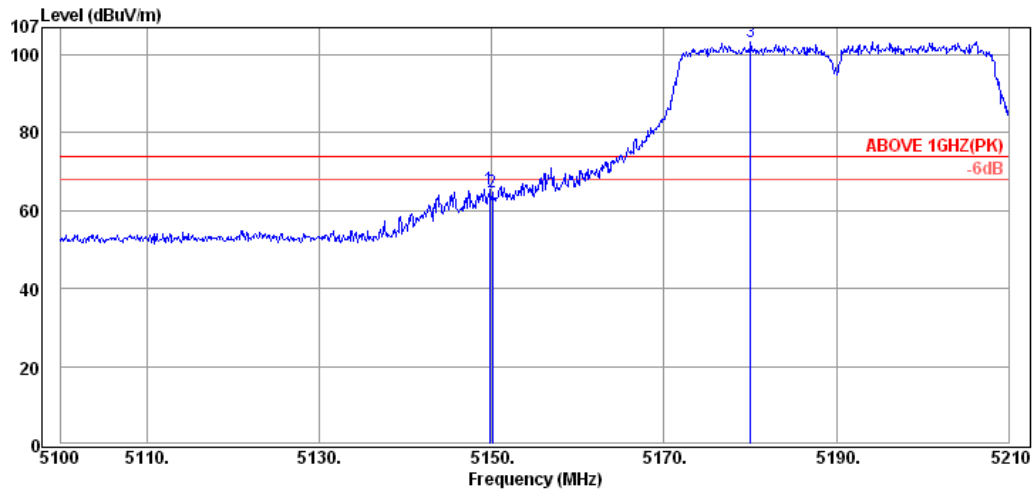
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5145.43	34.45	9.41	24.49	68.35	74.00	5.65	Peak
5150.05	34.45	9.41	22.04	65.90	74.00	8.10	Peak
5180.52	34.48	9.39	60.26	104.13	---	---	Peak



Antenna at Horizontal Polarization

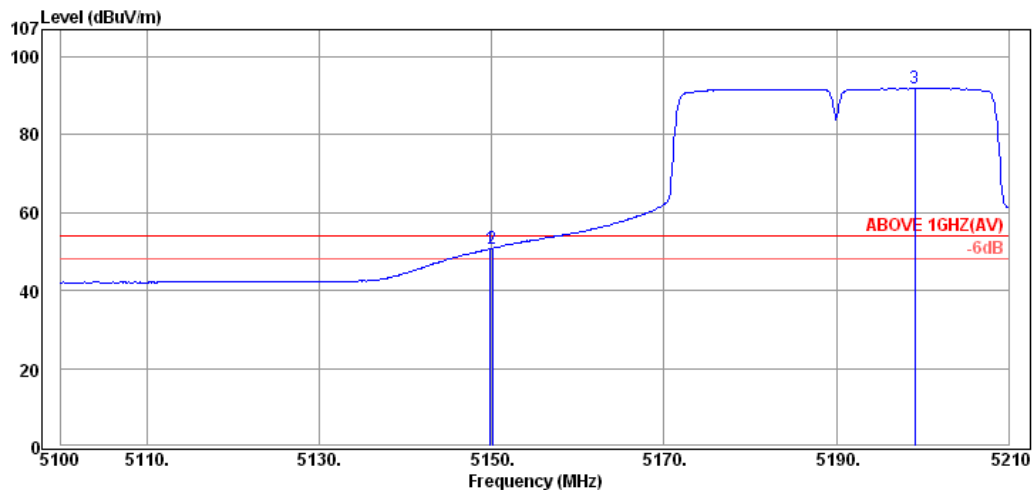
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.45	9.41	7.28	51.14	54.00	2.86	Average
5150.05	34.45	9.41	7.48	51.34	54.00	2.66	Average
5202.74	34.50	9.37	48.56	92.43	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5190MHz
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Antenna at Vertical Polarization

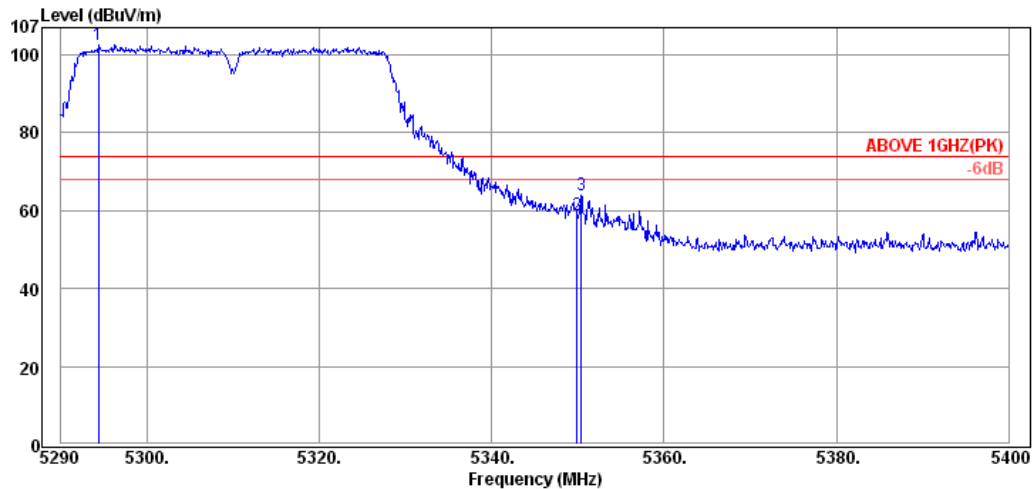
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.45	9.41	21.59	65.45	74.00	8.55	Peak
5150.05	34.45	9.41	21.04	64.90	74.00	9.10	Peak
5180.08	34.48	9.39	59.43	103.30	---	---	Peak



Antenna at Vertical Polarization

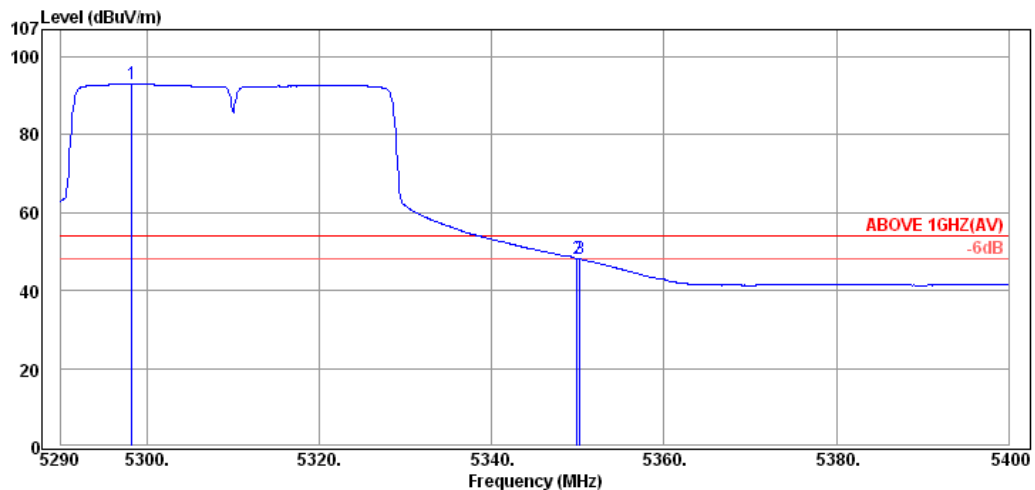
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.83	34.45	9.41	6.83	50.69	54.00	3.31	Average
5150.05	34.45	9.41	7.00	50.86	54.00	3.14	Average
5199.11	34.50	9.37	48.02	91.89	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5310MHz
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Antenna at Horizontal Polarization

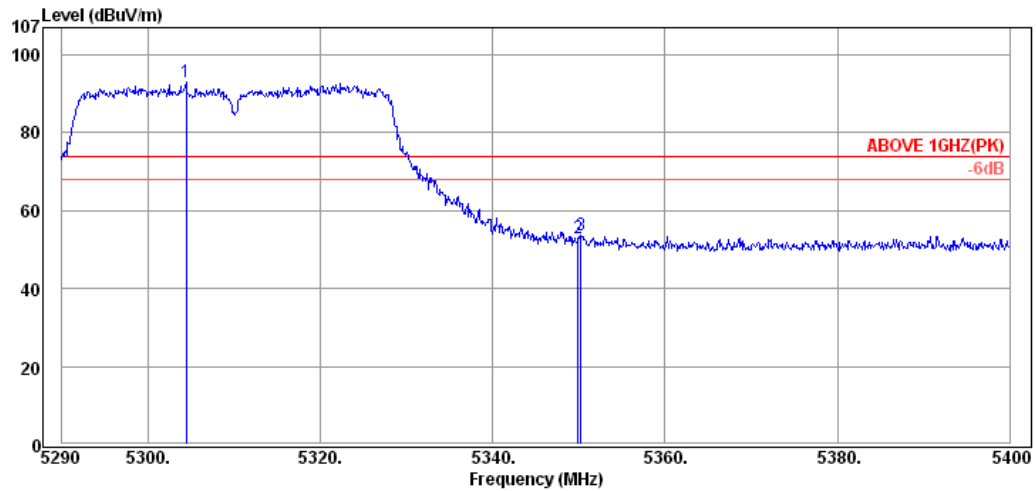
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5294.40	34.60	8.74	59.26	102.60	---	---	Peak
5349.95	34.65	8.61	15.63	58.89	74.00	15.11	Peak
5350.39	34.65	8.61	20.76	64.02	74.00	9.98	Peak



Antenna at Horizontal Polarization

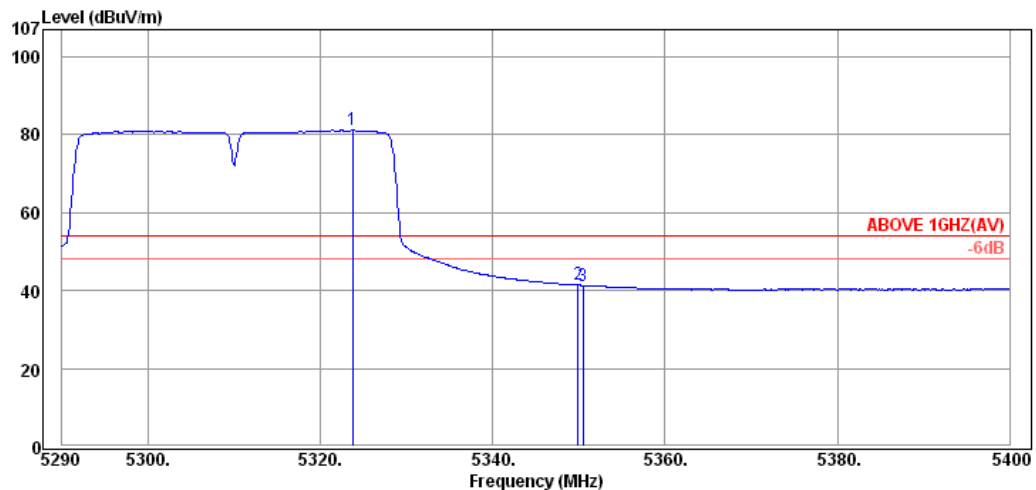
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5298.25	34.60	8.74	49.66	93.00	---	---	Average
5349.95	34.65	8.61	5.03	48.29	54.00	5.71	Average
5350.28	34.65	8.61	4.84	48.10	54.00	5.90	Average

Mode	802.11n-HT40	Frequency	TX 5310MHz
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Antenna at Vertical Polarization

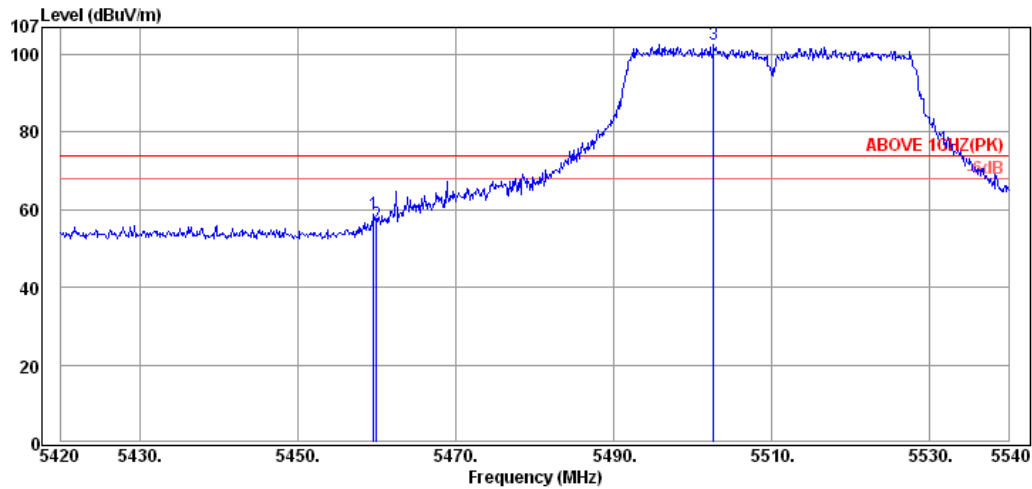
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5304.41	34.60	8.74	49.73	93.07	---	---	Peak
5349.95	34.65	8.61	9.65	52.91	74.00	21.09	Peak
5350.28	34.65	8.61	10.46	53.72	74.00	20.28	Peak



Antenna at Vertical Polarization

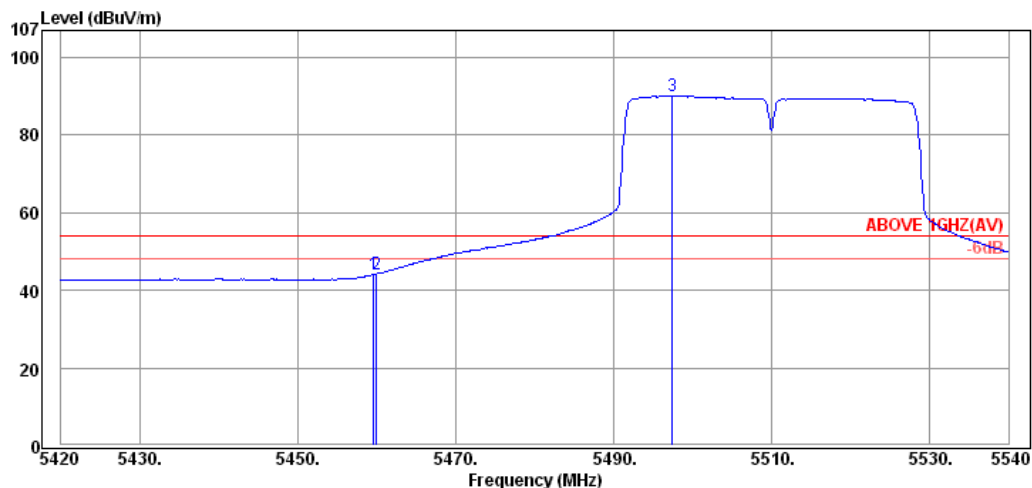
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5323.77	34.62	8.70	37.82	81.14	---	---	Average
5349.95	34.65	8.61	-1.83	41.43	54.00	12.57	Average
5350.50	34.65	8.61	-1.89	41.37	54.00	12.63	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Horizontal Polarization

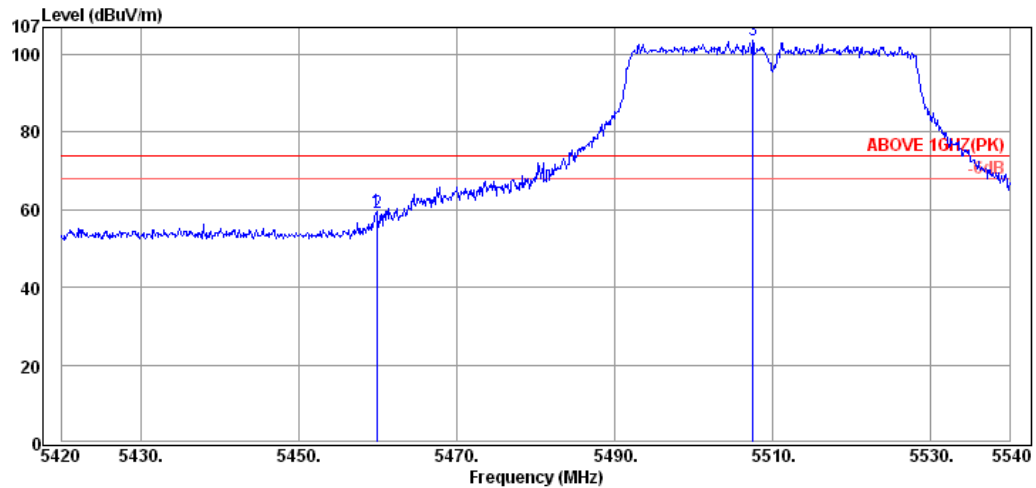
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.60	34.75	9.46	14.49	58.70	74.00	15.30	Peak
5459.96	34.75	9.46	11.99	56.20	74.00	17.80	Peak
5502.68	34.80	9.48	58.32	102.60	---	---	Peak



Antenna at Horizontal Polarization

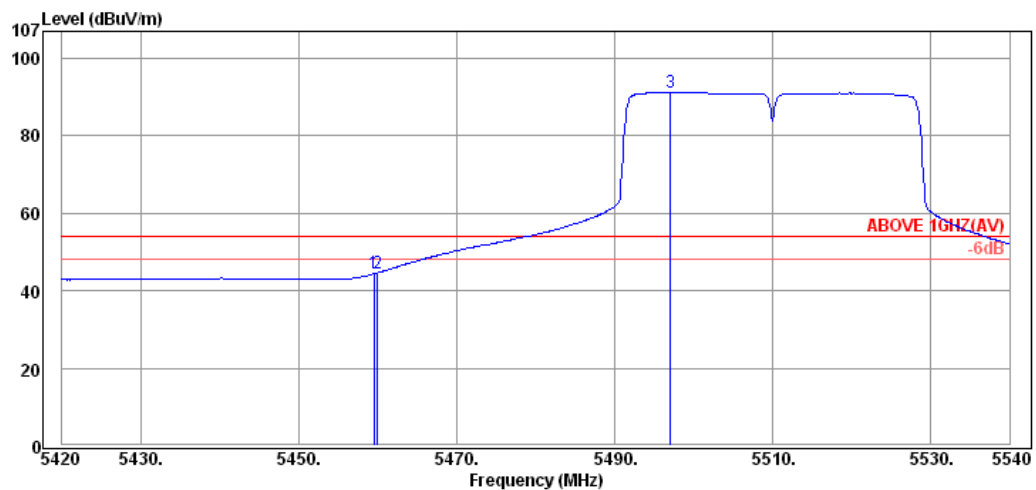
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.60	34.75	9.46	-0.12	44.09	54.00	9.91	Average
5459.96	34.75	9.46	0.00	44.21	54.00	9.79	Average
5497.40	34.80	9.48	45.80	90.08	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Vertical Polarization

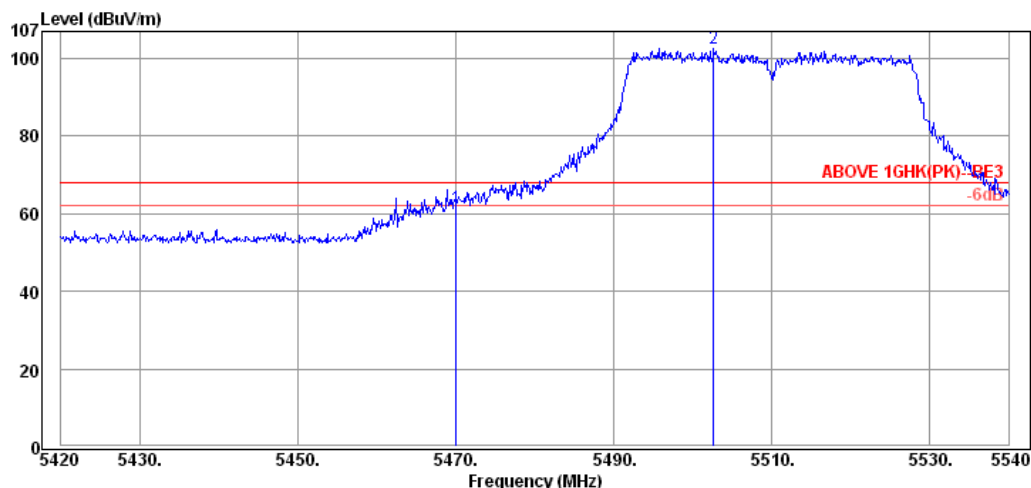
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.84	34.75	9.46	15.50	59.71	74.00	14.29	Peak
5459.96	34.75	9.46	14.83	59.04	74.00	14.96	Peak
5507.48	34.80	9.55	59.27	103.62	---	---	Peak



Antenna at Vertical Polarization

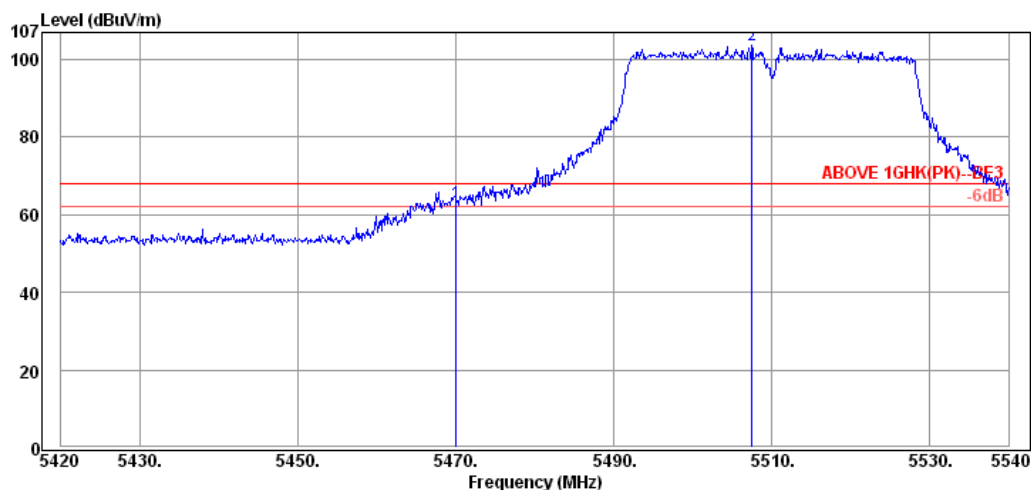
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.48	34.75	9.46	0.17	44.38	54.00	9.62	Average
5459.96	34.75	9.46	0.41	44.62	54.00	9.38	Average
5497.04	34.80	9.48	47.03	91.31	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Horizontal Polarization

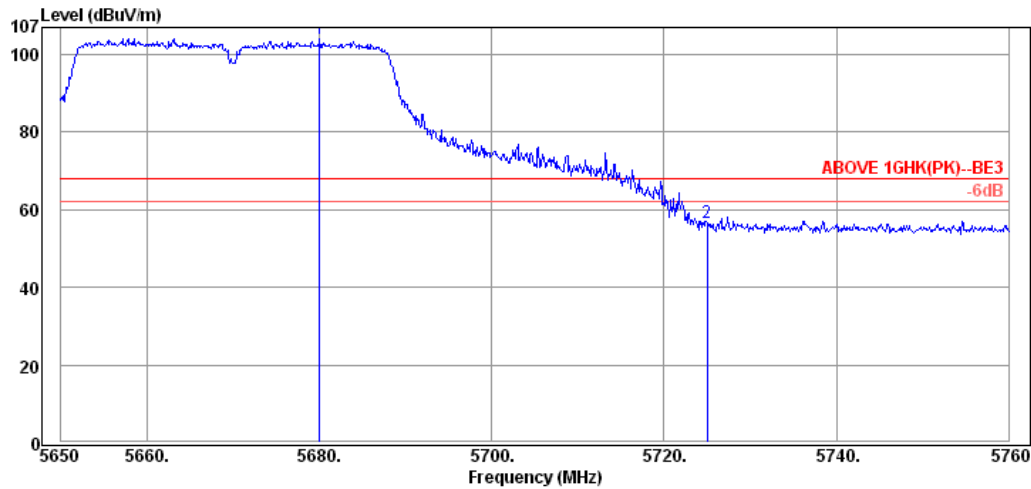
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.04	34.77	9.47	17.26	61.50	68.20	6.70	Peak
5502.68	34.80	9.48	58.32	102.60	---	---	Peak



Antenna at Vertical Polarization

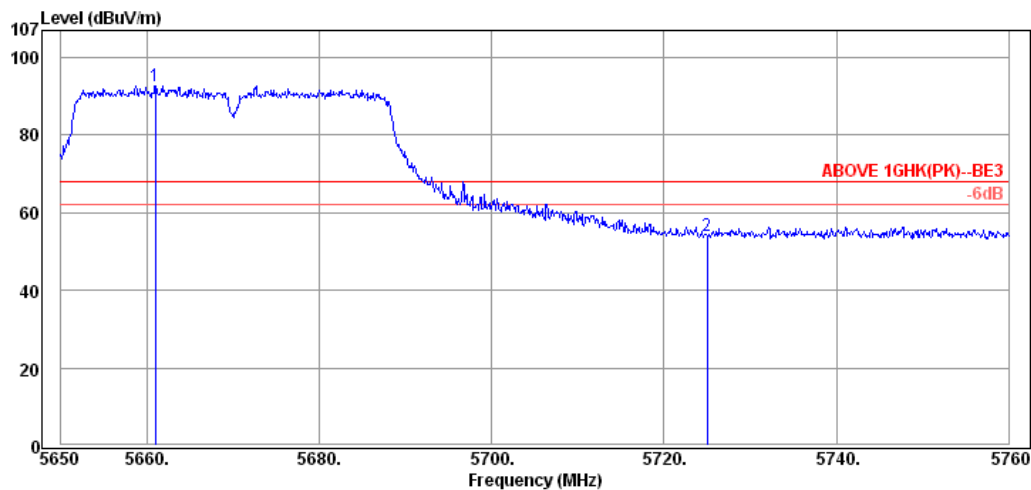
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.04	34.77	9.47	18.81	63.05	68.20	5.15	Peak
5507.48	34.80	9.55	59.27	103.62	---	---	Peak

Mode	802.11n-HT40	Frequency	TX 5670MHz
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Antenna at Horizontal Polarization

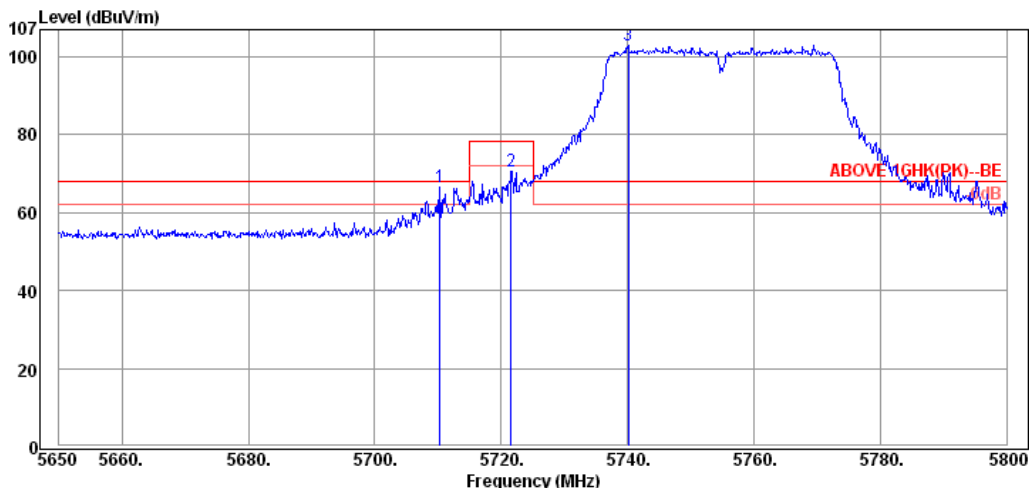
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5680.03	35.01	10.15	58.93	104.09	---	---	Peak
5725.02	35.07	10.29	11.32	56.68	68.20	11.52	Peak



Antenna at Vertical Polarization

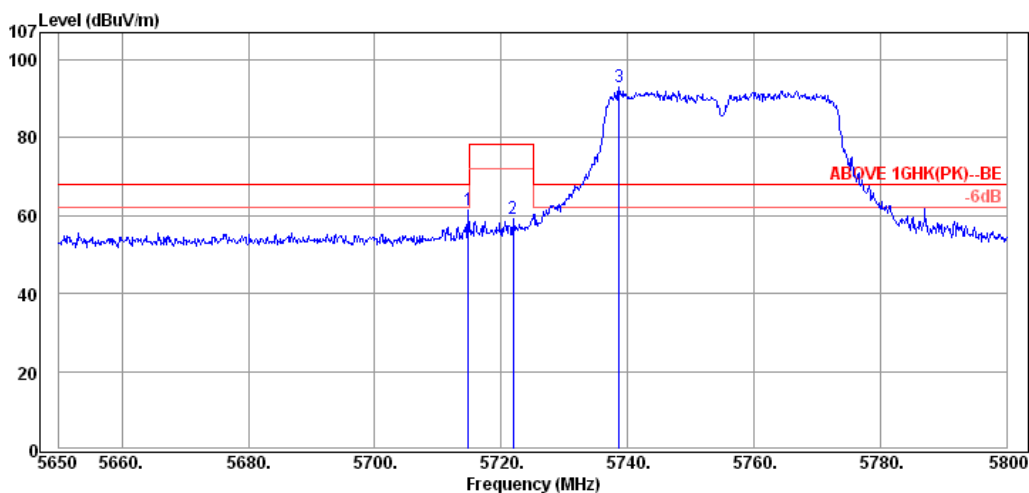
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5661.00	34.99	10.08	47.67	92.74	---	---	Peak
5725.02	35.07	10.29	8.67	54.03	68.20	14.17	Peak

Mode	802.11n-HT40	Frequency	TX 5755MHz
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Antenna at Horizontal Polarization

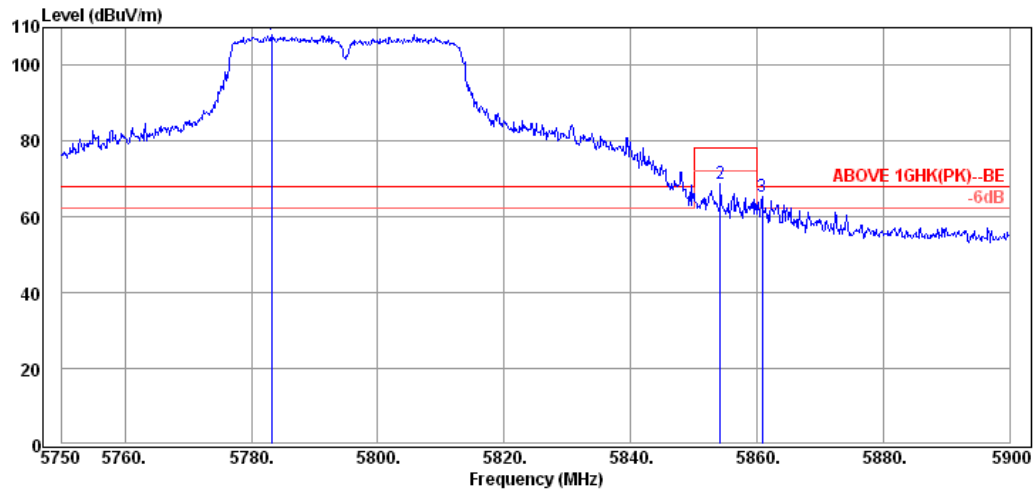
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5710.30	35.05	10.29	21.21	66.55	68.20	1.65	Peak
5721.55	35.07	10.29	25.20	70.56	78.20	7.64	Peak
5740.15	35.09	10.35	57.48	102.92	---	---	Peak



Antenna at Vertical Polarization

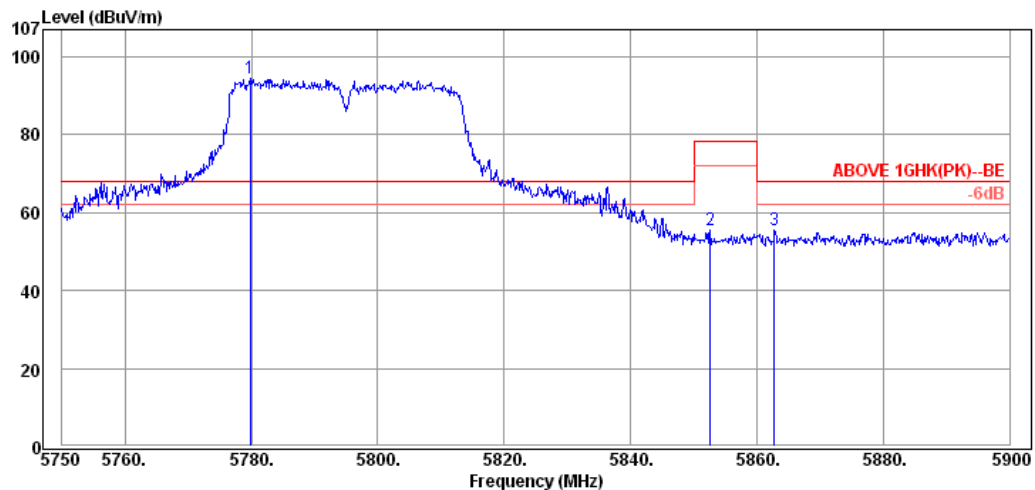
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.80	35.05	10.29	15.89	61.23	68.20	6.97	Peak
5721.85	35.07	10.29	13.80	59.16	78.20	19.04	Peak
5738.65	35.09	10.35	47.66	93.10	---	---	Peak

Mode	802.11n-HT40	Frequency	TX 5795MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5783.15	35.13	10.34	62.76	108.23	---	---	Peak
5854.25	35.23	10.22	23.26	68.71	78.20	9.49	Peak
5860.85	35.23	10.18	19.88	65.29	68.20	2.91	Peak

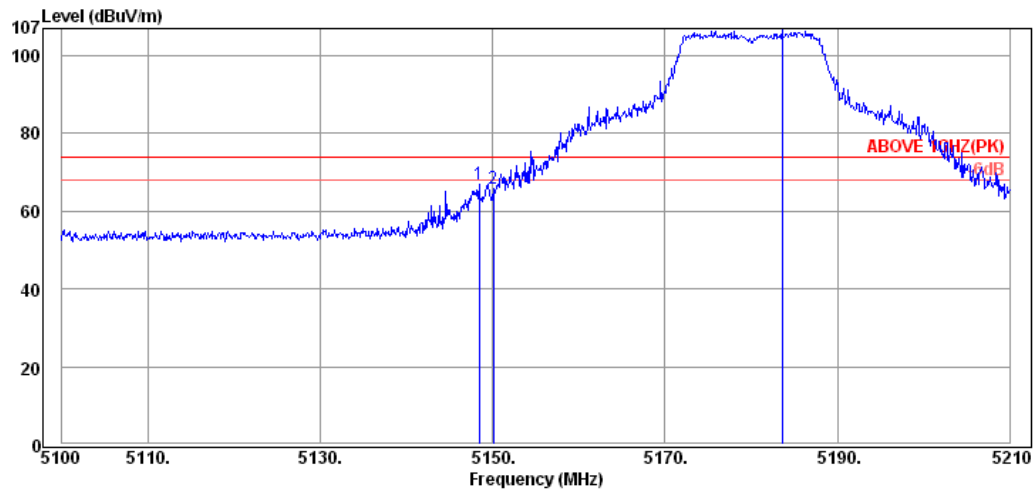


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5779.85	35.13	10.38	49.03	94.54	---	---	Peak
5852.60	35.21	10.22	9.94	55.37	78.20	22.83	Peak
5862.80	35.23	10.18	9.97	55.38	68.20	12.82	Peak

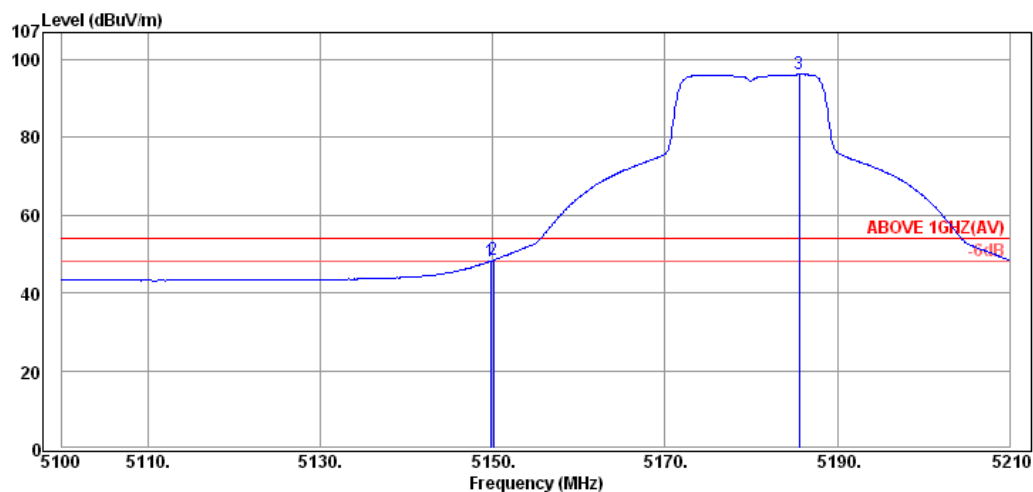
Antenna #3: ANTDP-048A

Mode	802.11a	Frequency	TX 5180MHz
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Antenna at Horizontal Polarization

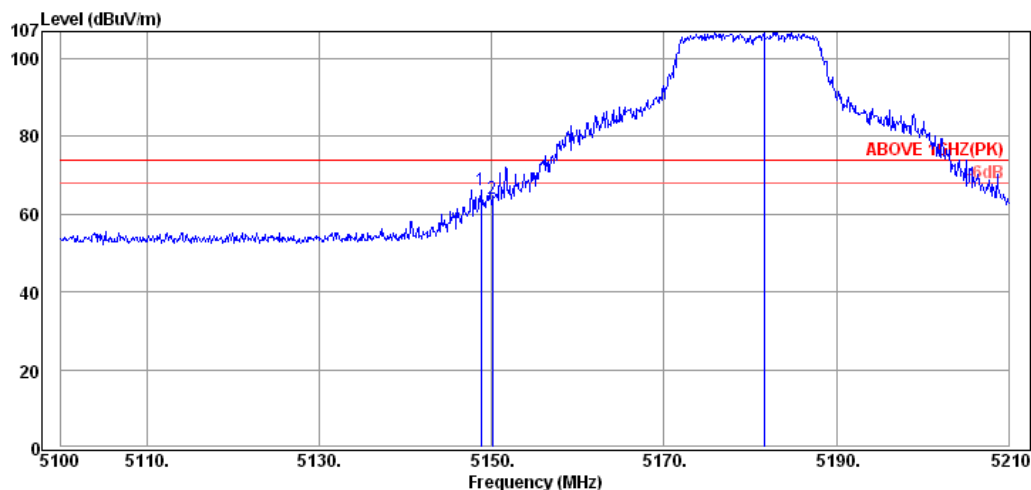
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.40	34.45	9.41	23.05	66.91	74.00	7.09	Peak
5150.05	34.45	9.41	21.84	65.70	74.00	8.30	Peak
5183.60	34.48	9.39	62.97	106.84	---	---	Peak



Antenna at Horizontal Polarization

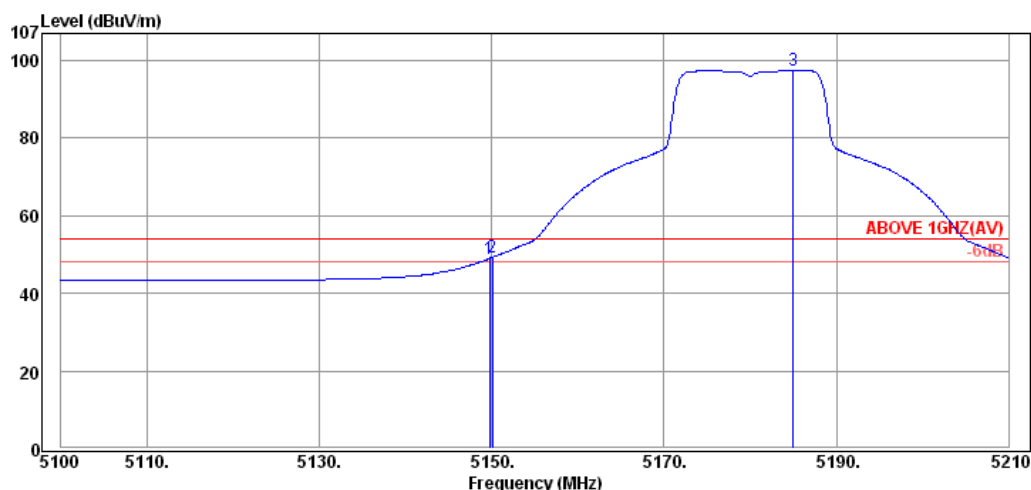
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.45	9.41	4.31	48.17	54.00	5.83	Average
5150.05	34.45	9.41	4.55	48.41	54.00	5.59	Average
5185.58	34.48	9.39	52.36	96.23	---	---	Average

Mode	802.11a	Frequency	TX 5180MHz
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Antenna at Vertical Polarization

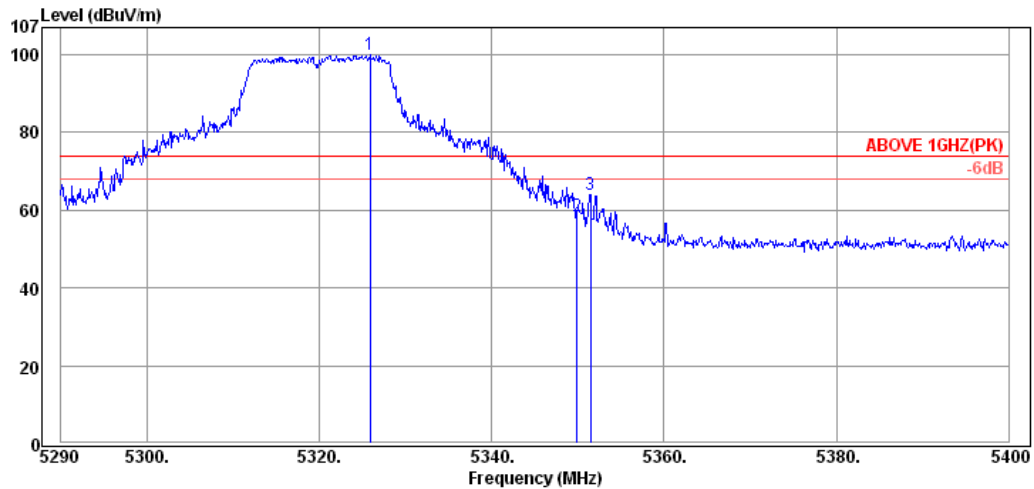
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.73	34.45	9.41	22.44	66.30	74.00	7.70	Peak
5150.05	34.45	9.41	20.19	64.05	74.00	9.95	Peak
5181.62	34.48	9.39	63.12	106.99	---	---	Peak



Antenna at Vertical Polarization

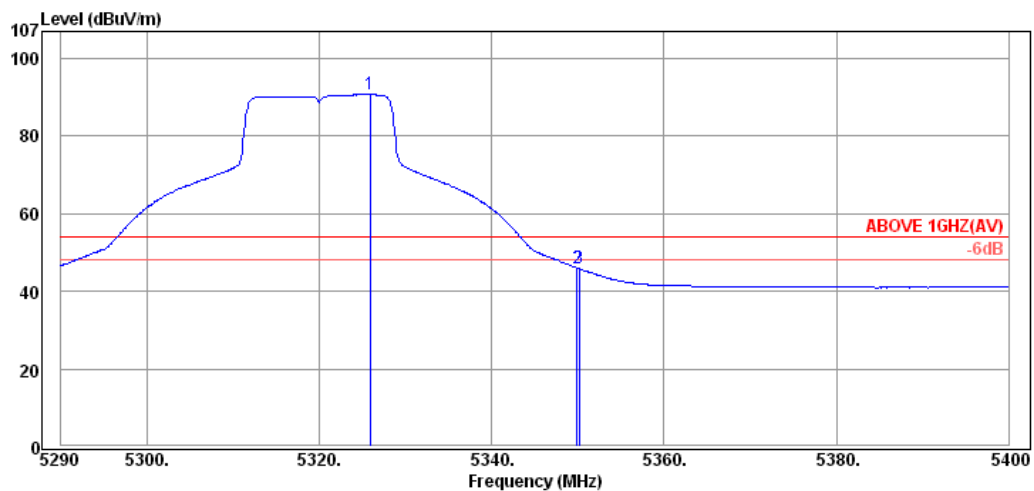
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.45	9.41	5.17	49.03	54.00	4.97	Average
5150.05	34.45	9.41	5.43	49.29	54.00	4.71	Average
5185.03	34.48	9.39	53.62	97.49	---	---	Average

Mode	802.11a	Frequency	TX 5320MHz
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Antenna at Horizontal Polarization

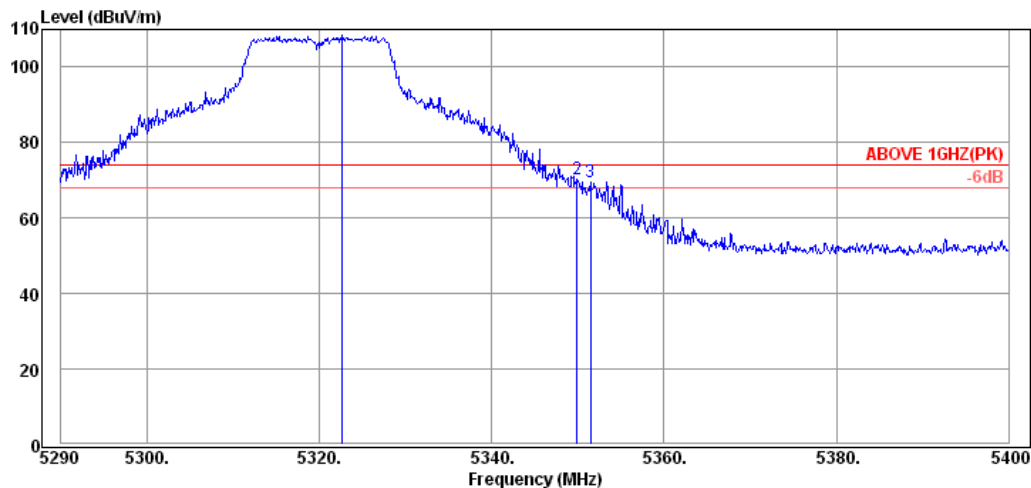
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5325.86	34.62	8.70	56.62	99.94	---	---	Peak
5349.95	34.65	8.61	15.24	58.50	74.00	15.50	Peak
5351.49	34.65	8.61	20.79	64.05	74.00	9.95	Peak



Antenna at Horizontal Polarization

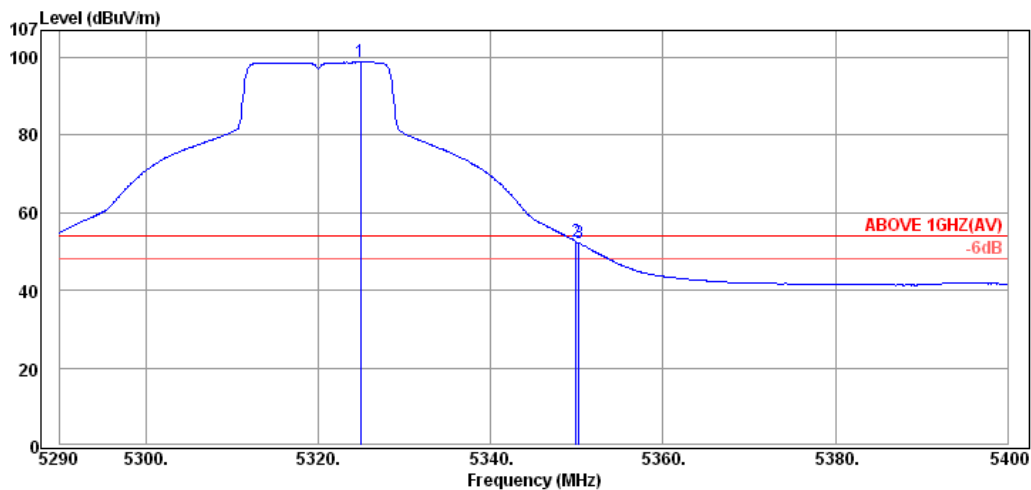
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5325.86	34.62	8.70	47.42	90.74	---	---	Average
5349.95	34.65	8.61	2.81	46.07	54.00	7.93	Average
5350.17	34.65	8.61	2.56	45.82	54.00	8.18	Average

Mode	802.11a	Frequency	TX 5320MHz
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Antenna at Vertical Polarization

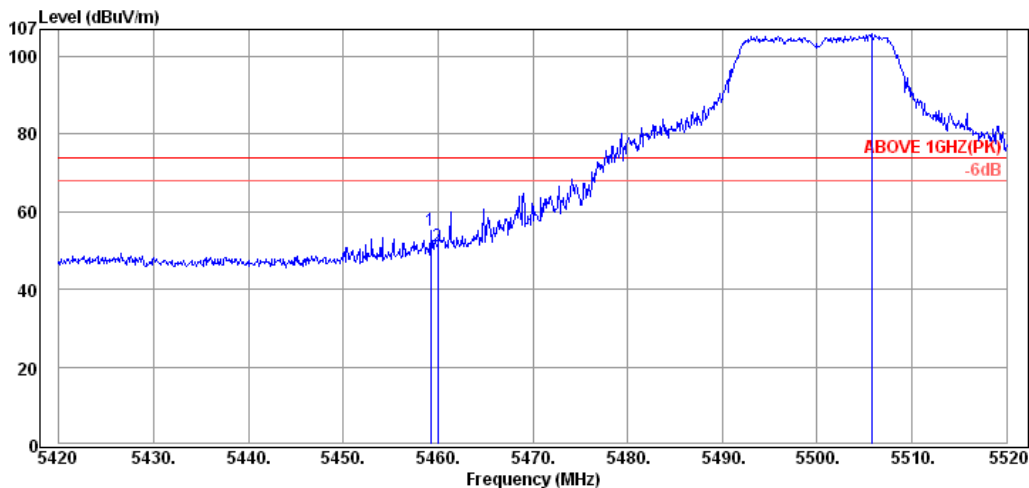
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5322.67	34.62	8.70	65.04	108.36	---	---	Peak
5349.95	34.65	8.61	27.00	70.26	74.00	3.74	Peak
5351.49	34.65	8.61	26.34	69.60	74.00	4.40	Peak



Antenna at Vertical Polarization

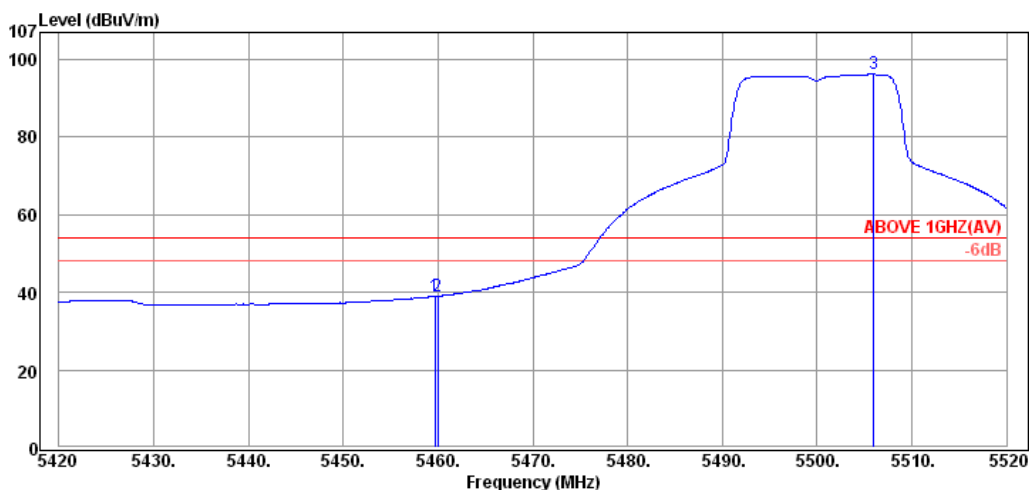
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5324.87	34.62	8.70	55.48	98.80	---	---	Average
5349.95	34.65	8.61	9.24	52.50	54.00	1.50	Average
5350.28	34.65	8.61	8.92	52.18	54.00	1.82	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

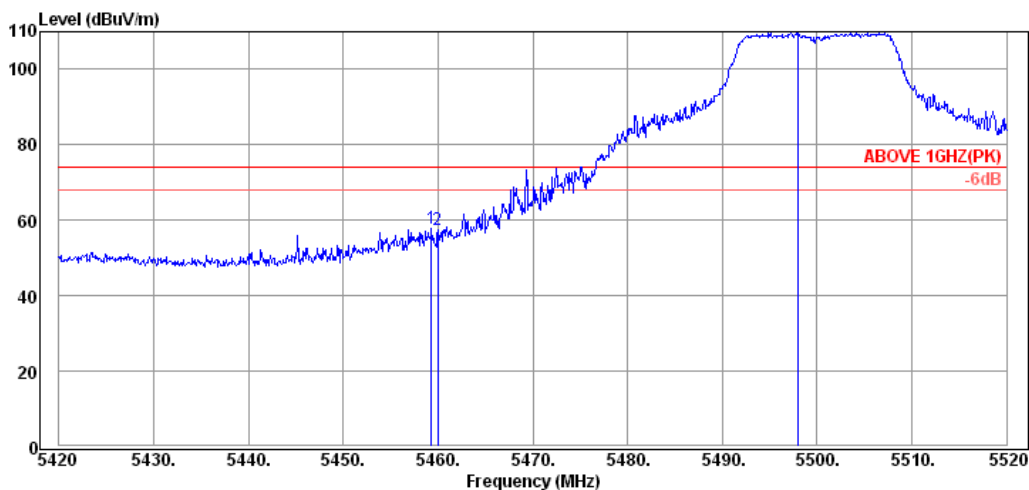
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.20	34.75	9.46	10.82	55.03	74.00	18.97	Peak
5460.00	34.75	9.46	6.83	51.04	74.00	22.96	Peak
5505.80	34.80	9.55	61.39	105.74	---	---	Peak



Antenna at Horizontal Polarization

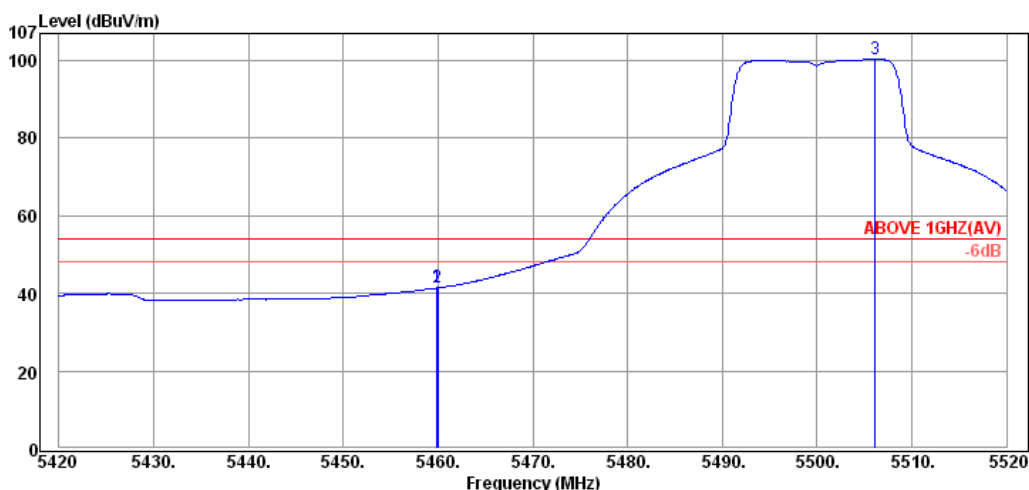
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.70	34.75	9.46	-5.27	38.94	54.00	15.06	Average
5460.00	34.75	9.46	-5.14	39.07	54.00	14.93	Average
5506.00	34.80	9.55	51.85	96.20	---	---	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Vertical Polarization

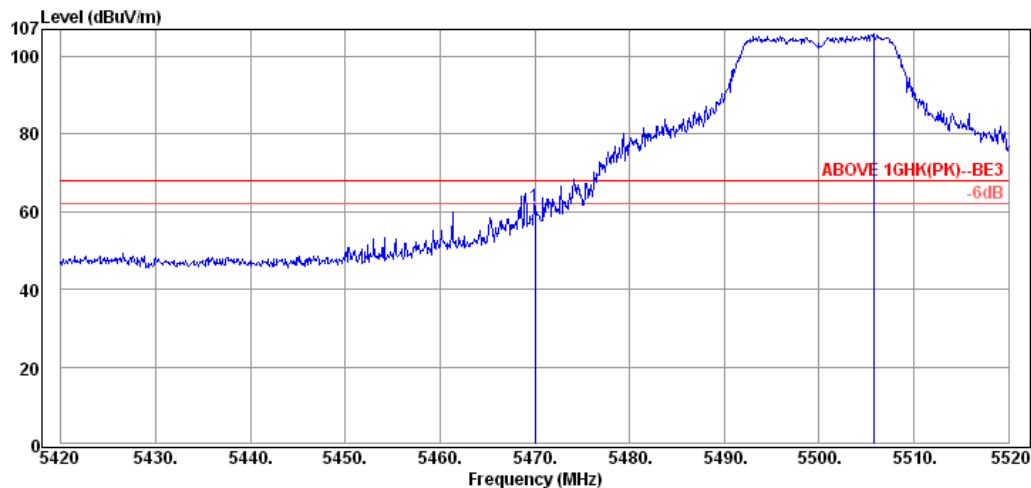
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.30	34.75	9.46	13.65	57.86	74.00	16.14	Peak
5460.00	34.75	9.46	13.42	57.63	74.00	16.37	Peak
5498.00	34.80	9.48	65.80	110.08	---	---	Peak



Antenna at Vertical Polarization

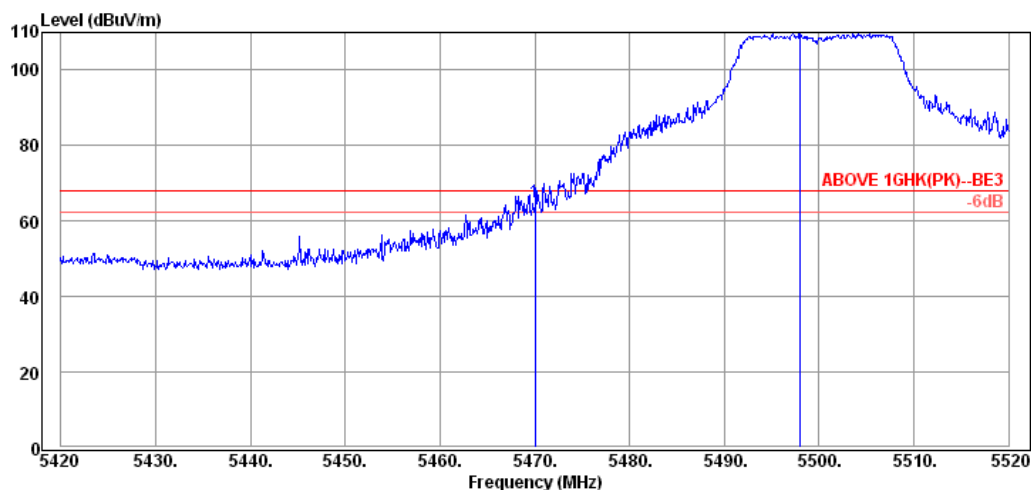
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.90	34.75	9.46	-2.81	41.40	54.00	12.60	Average
5460.00	34.75	9.46	-2.78	41.43	54.00	12.57	Average
5506.10	34.80	9.55	55.95	100.30	---	---	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

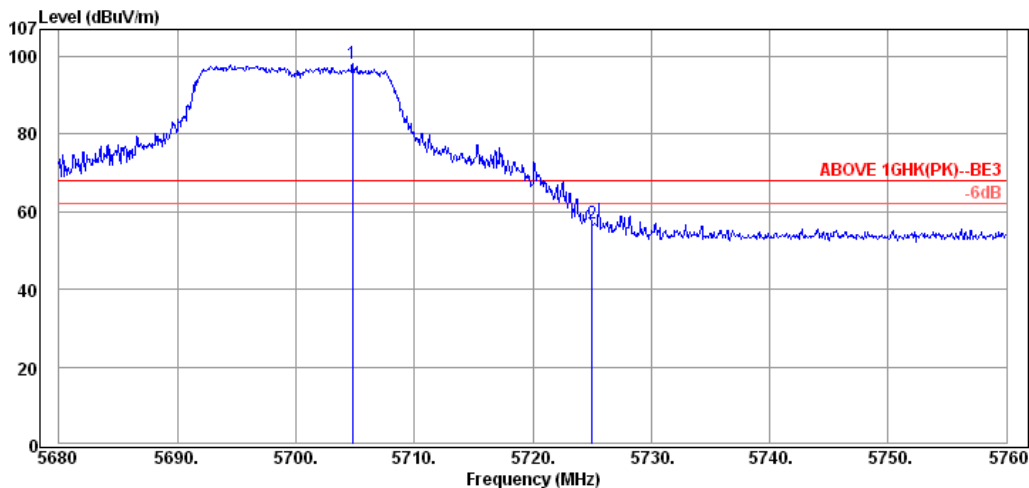
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	9.47	17.00	61.24	68.20	6.96	Peak
5505.80	34.80	9.55	61.39	105.74	---	---	Peak



Antenna at Vertical Polarization

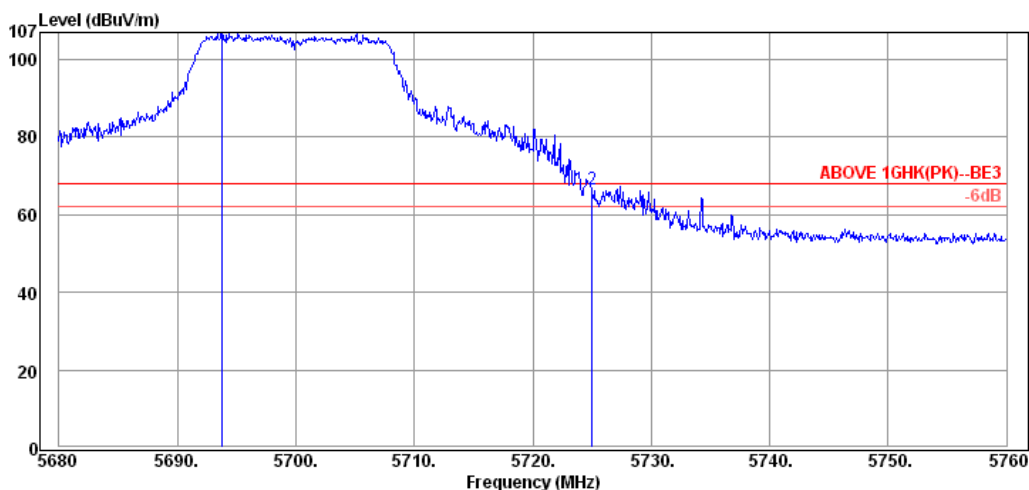
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	9.47	20.62	64.86	68.20	3.34	Peak
5498.00	34.80	9.48	65.80	110.08	---	---	Peak

Mode	802.11a	Frequency	TX 5700MHz
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Antenna at Horizontal Polarization

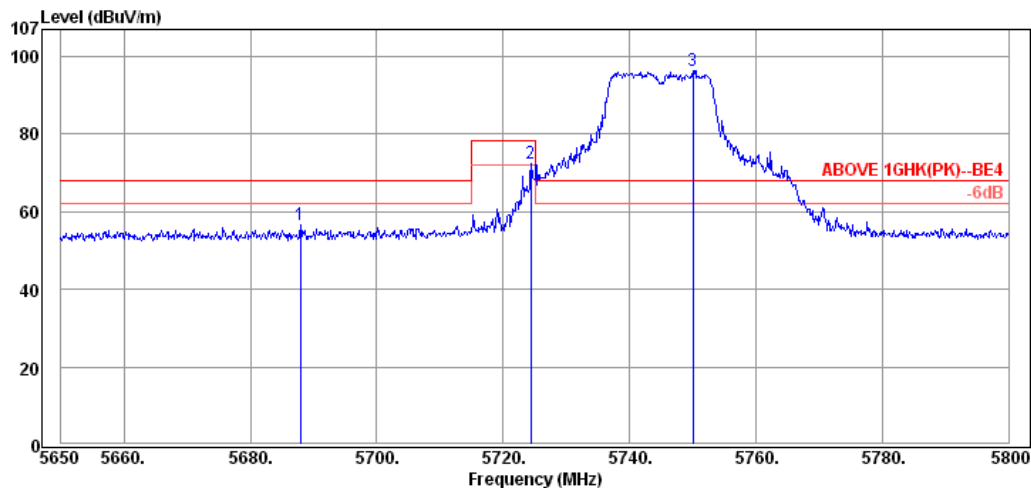
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5704.80	35.05	9.73	53.40	98.18	---	---	Peak
5725.04	35.07	9.78	12.29	57.14	68.20	11.06	Peak



Antenna at Vertical Polarization

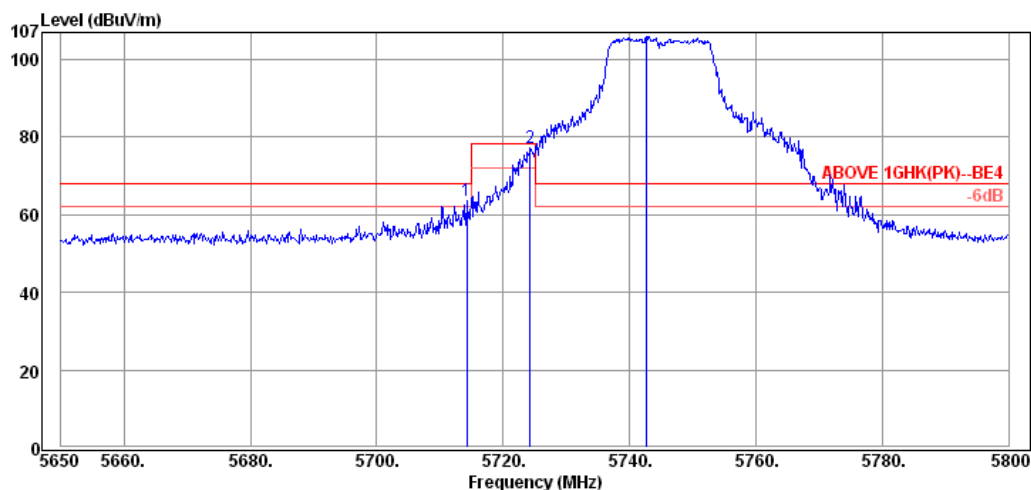
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5693.76	35.03	9.68	62.13	106.84	---	---	Peak
5725.04	35.07	9.78	21.83	66.68	68.20	1.52	Peak

Mode	802.11a	Frequency	TX 5745MHz
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Antenna at Horizontal Polarization

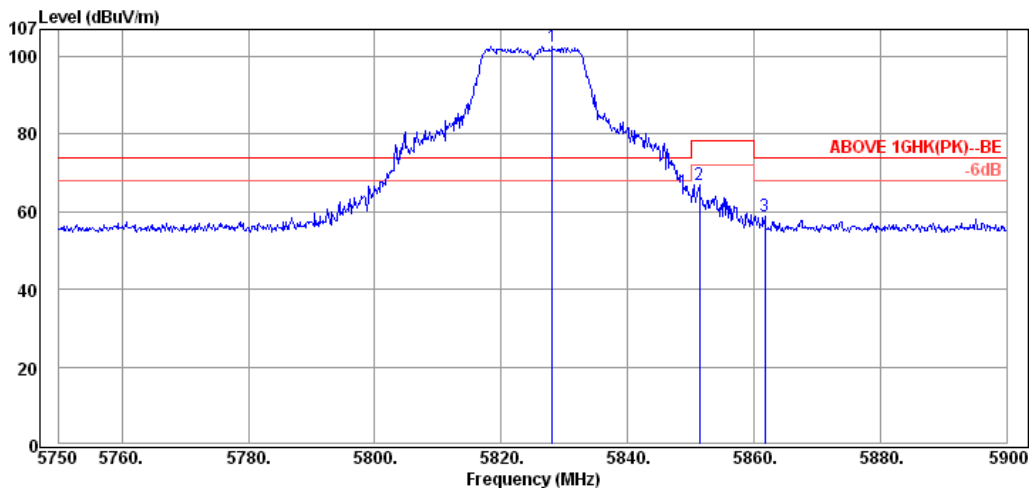
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5687.95	35.03	10.15	11.43	56.61	68.20	11.59	Peak
5724.40	35.07	10.29	26.97	72.33	78.20	5.87	Peak
5750.05	35.09	10.42	50.91	96.42	---	---	Peak



Antenna at Vertical Polarization

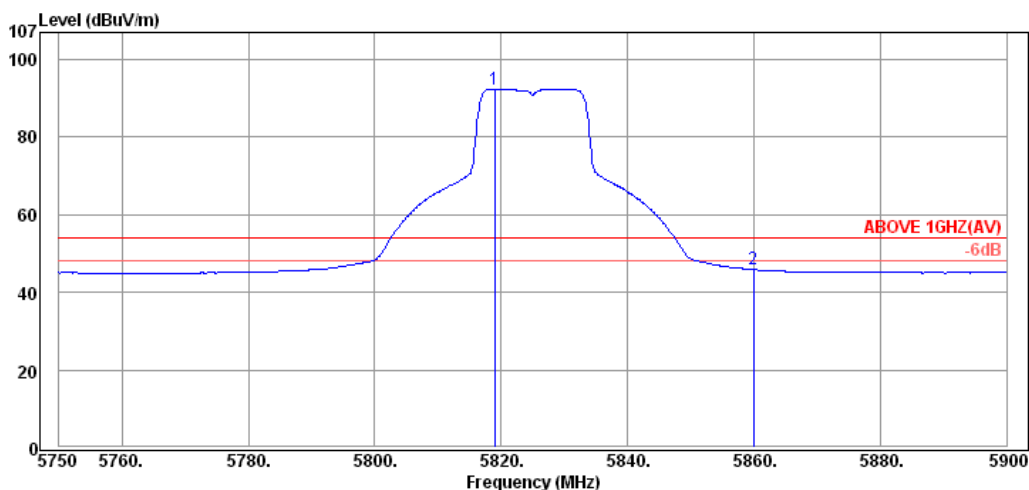
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.20	35.05	9.73	18.78	63.56	68.20	4.64	Peak
5724.25	35.07	9.78	32.25	77.10	78.20	1.10	Peak
5742.70	35.09	9.83	60.90	105.82	---	---	Peak

Mode	802.11a	Frequency	TX 5825MHz
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Antenna at Horizontal Polarization

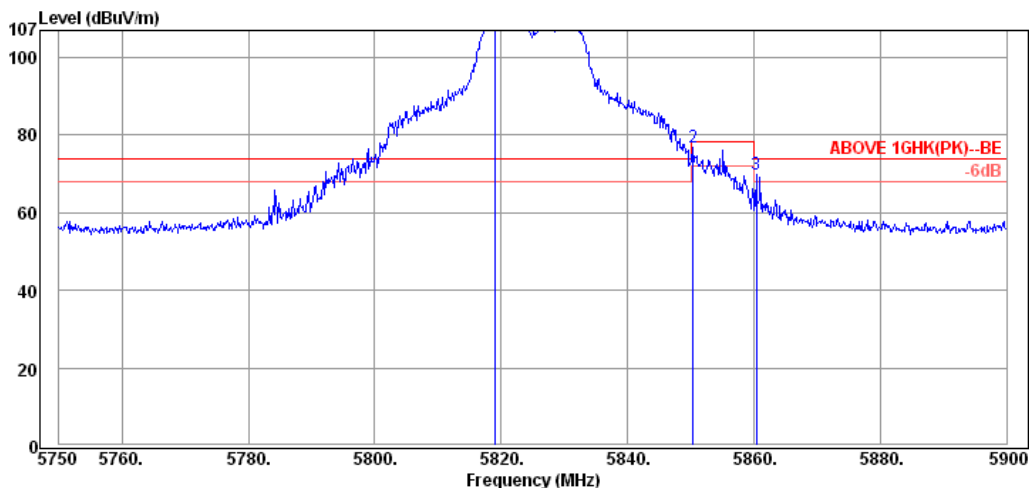
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5828.15	35.19	9.90	57.50	102.59	---	---	Peak
5851.40	35.21	9.86	21.75	66.82	78.20	11.38	Peak
5861.75	35.23	9.82	13.83	58.88	74.00	15.12	Peak



Antenna at Horizontal Polarization

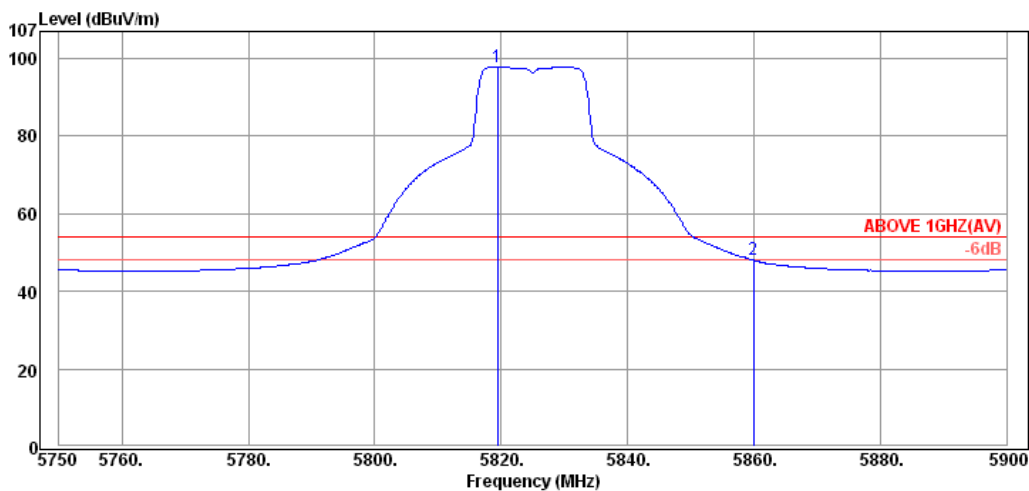
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5819.00	35.17	9.94	47.35	92.46	---	---	Average
5859.95	35.23	9.82	0.83	45.88	54.00	8.12	Average

Mode	802.11a	Frequency	TX 5825MHz
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Antenna at Vertical Polarization

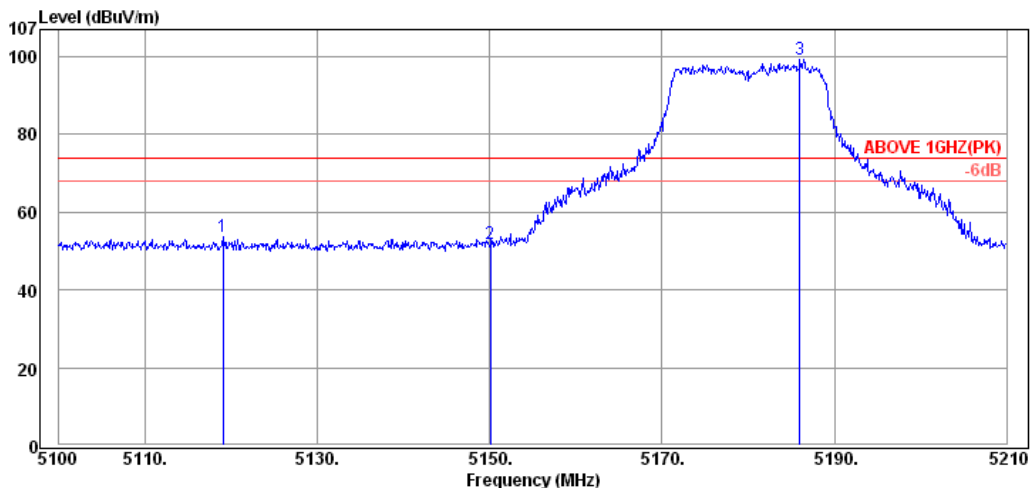
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5819.00	35.17	9.94	63.32	108.43	---	---	Peak
5850.35	35.21	9.86	31.89	76.96	78.20	1.24	Peak
5860.40	35.23	9.82	24.71	69.76	74.00	4.24	Peak



Antenna at Vertical Polarization

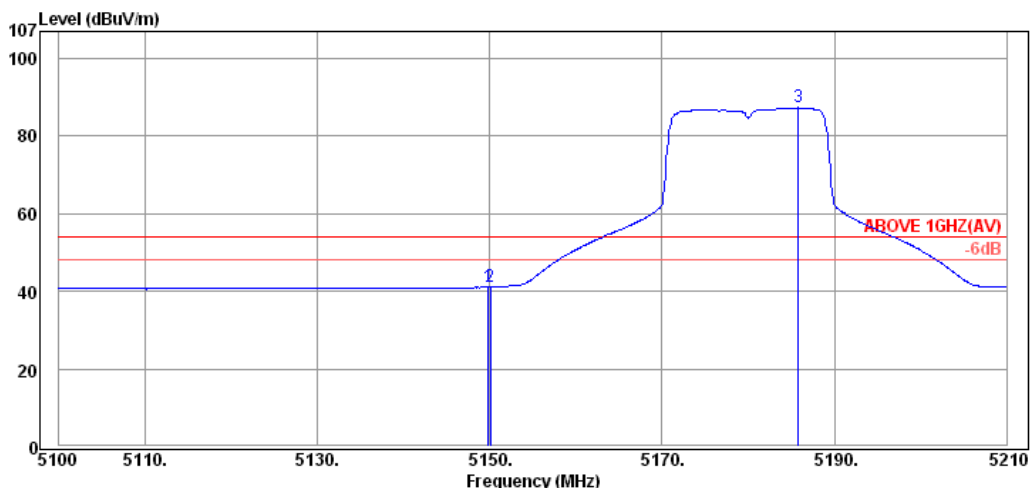
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5819.45	35.17	9.94	52.73	97.84	---	---	Average
5859.95	35.23	9.82	3.00	48.05	54.00	5.95	Average

Mode	802.11n-HT20	Frequency	TX 5180MHz
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Antenna at Horizontal Polarization

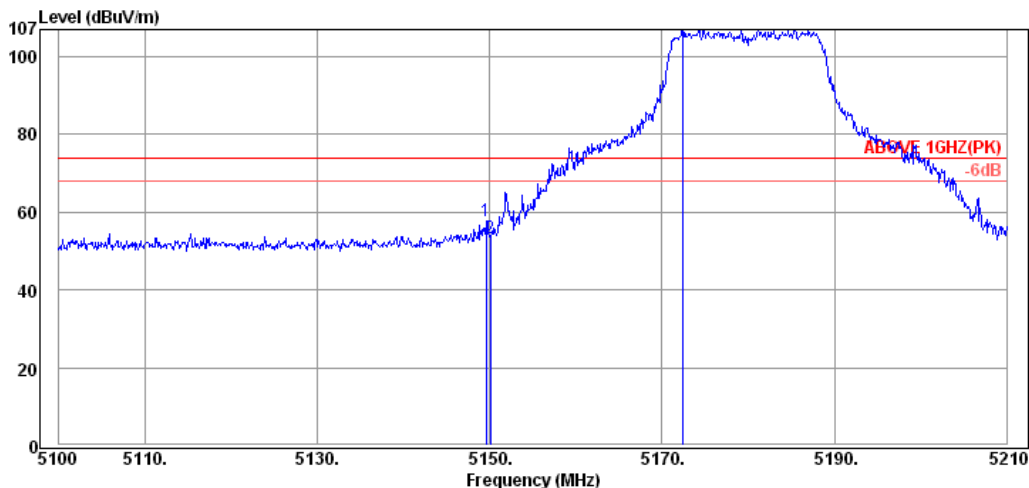
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5119.03	34.42	8.91	10.46	53.79	74.00	20.21	Peak
5150.05	34.45	8.84	8.41	51.70	74.00	22.30	Peak
5186.02	34.48	8.77	55.96	99.21	---	---	Peak



Antenna at Horizontal Polarization

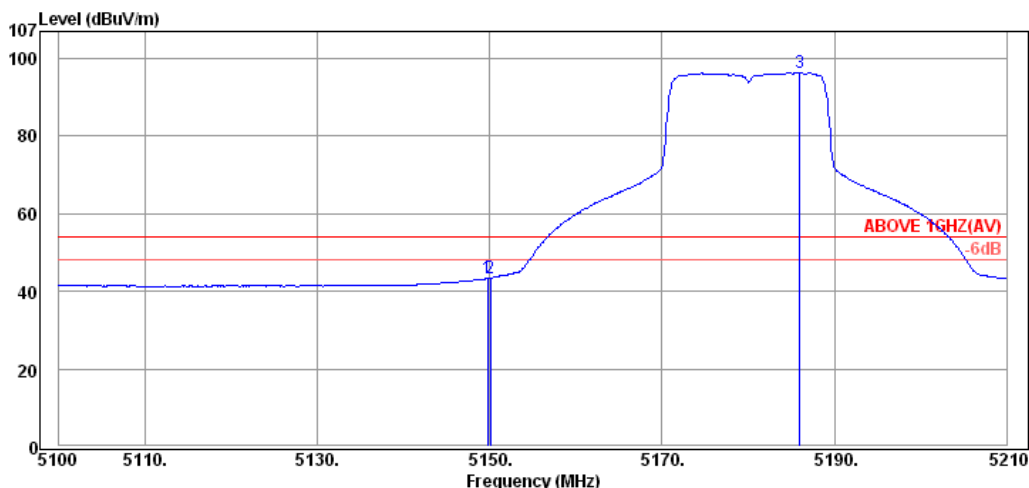
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.83	34.45	8.84	-2.18	41.11	54.00	12.89	Average
5150.05	34.45	8.84	-2.23	41.06	54.00	12.94	Average
5185.80	34.48	8.77	44.08	87.33	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5180MHz
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Antenna at Vertical Polarization

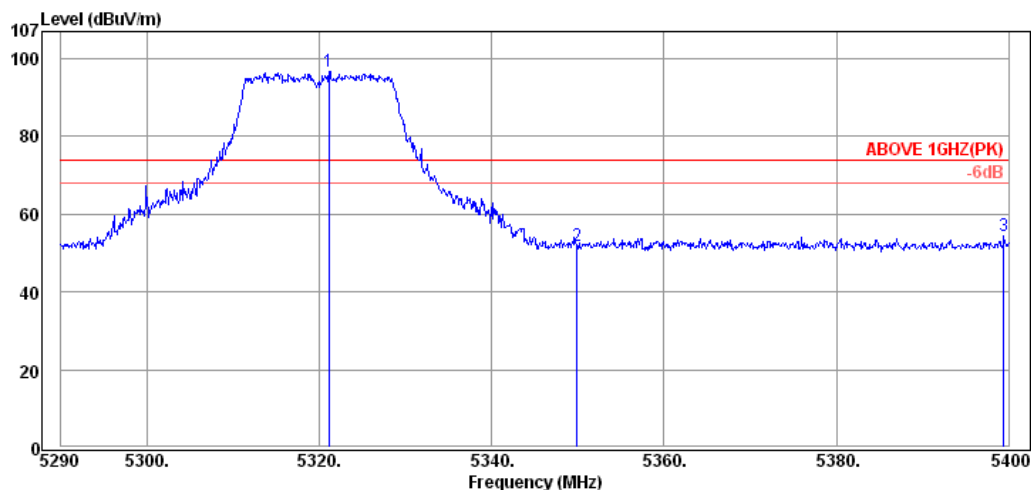
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.61	34.45	8.84	14.50	57.79	74.00	16.21	Peak
5150.05	34.45	8.84	9.92	53.21	74.00	20.79	Peak
5172.49	34.47	8.81	64.61	107.89	---	---	Peak



Antenna at Vertical Polarization

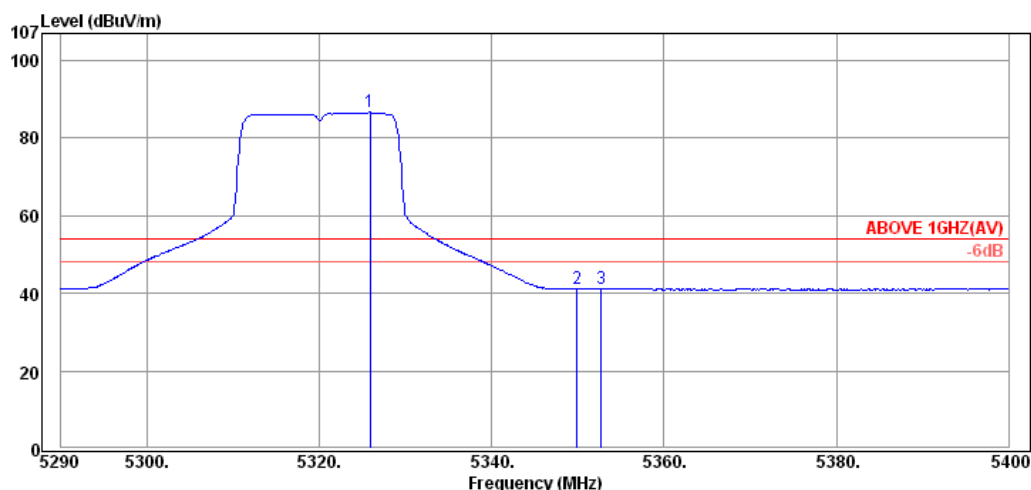
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.45	8.84	0.08	43.37	54.00	10.63	Average
5150.05	34.45	8.84	0.16	43.45	54.00	10.55	Average
5186.02	34.48	8.77	53.12	96.37	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5320MHz
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Antenna at Horizontal Polarization

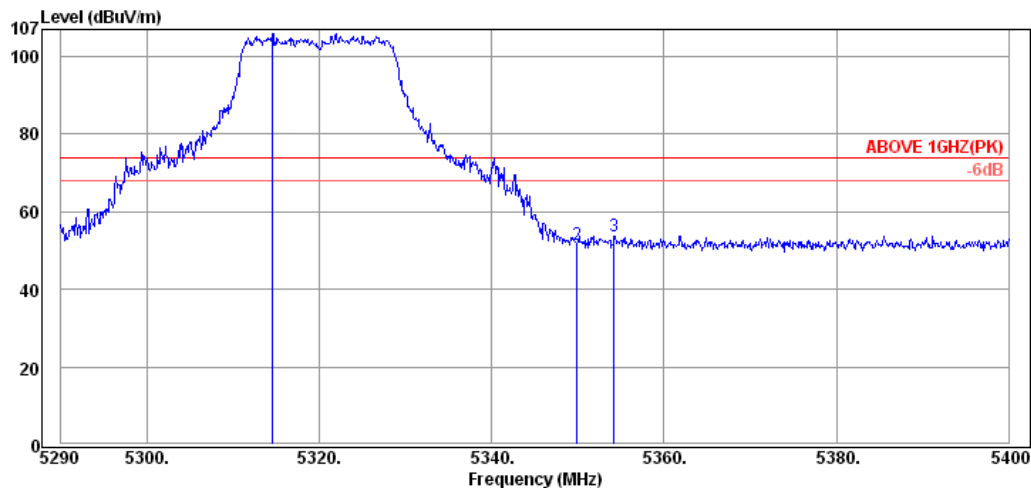
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5321.13	34.62	8.70	53.53	96.85	---	---	Peak
5349.95	34.65	8.61	8.69	51.95	74.00	22.05	Peak
5399.45	34.70	8.49	11.09	54.28	74.00	19.72	Peak



Antenna at Horizontal Polarization

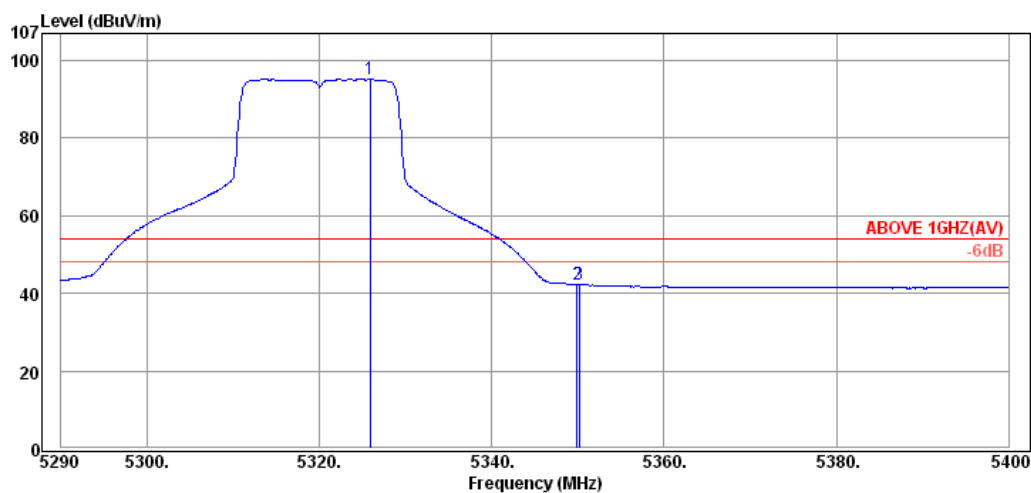
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5325.86	34.62	8.70	43.31	86.63	---	---	Average
5349.95	34.65	8.61	-2.14	41.12	54.00	12.88	Average
5352.70	34.65	8.61	-2.13	41.13	54.00	12.87	Average

Mode	802.11n-HT20	Frequency	TX 5320MHz
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Antenna at Vertical Polarization

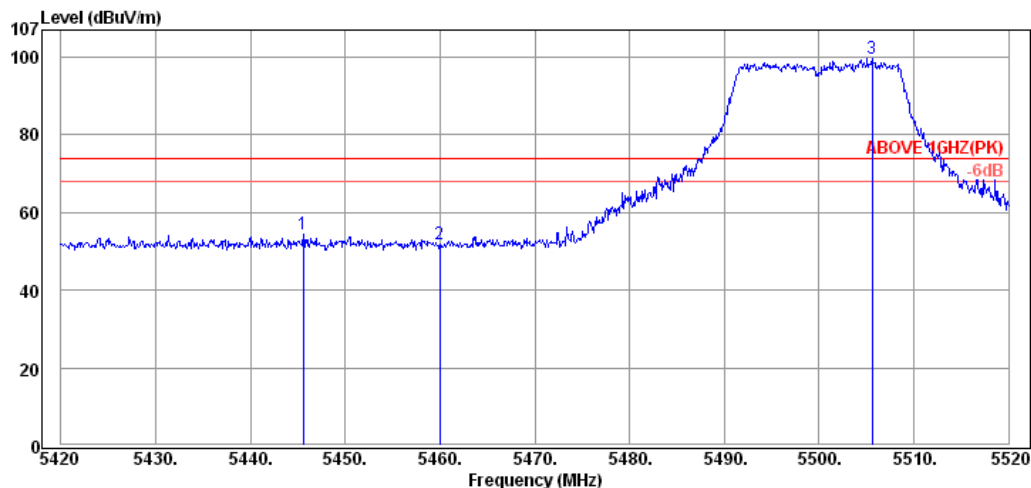
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5314.53	34.62	8.70	62.55	105.87	---	---	Peak
5349.95	34.65	8.61	8.20	51.46	74.00	22.54	Peak
5354.24	34.65	8.61	10.58	53.84	74.00	20.16	Peak



Antenna at Vertical Polarization

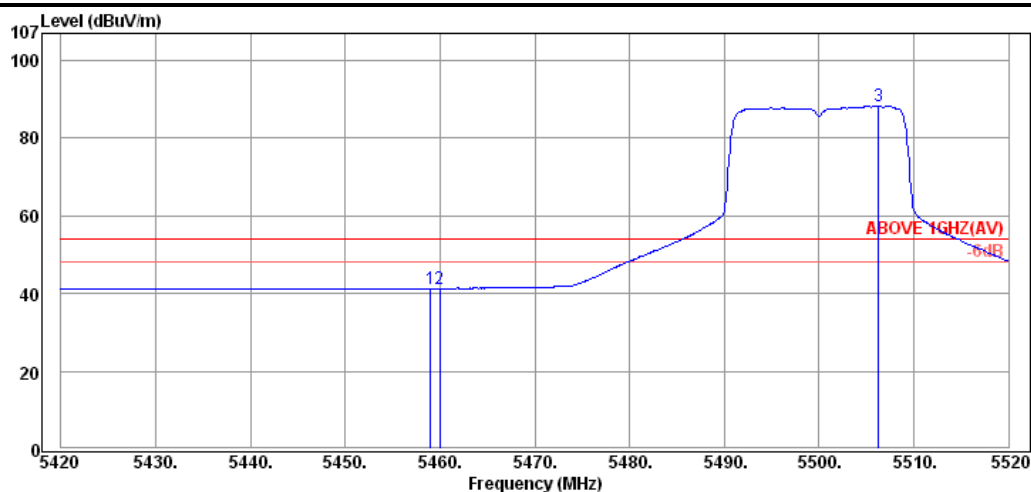
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5325.86	34.62	8.70	51.87	95.19	---	---	Average
5349.95	34.65	8.61	-0.98	42.28	54.00	11.72	Average
5350.17	34.65	8.61	-0.99	42.27	54.00	11.73	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

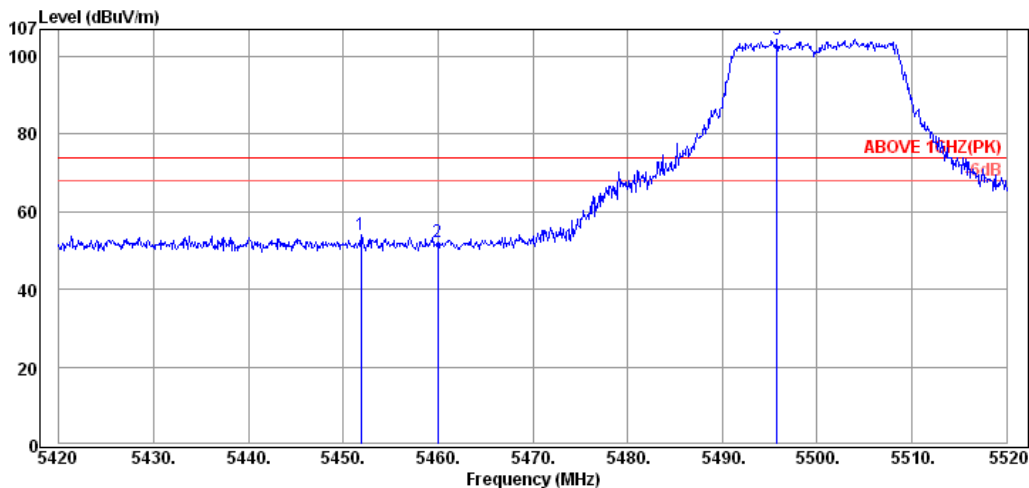
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5445.60	34.75	8.61	10.94	54.30	74.00	19.70	Peak
5460.00	34.75	8.61	8.41	51.77	74.00	22.23	Peak
5505.60	34.80	8.73	56.15	99.68	---	---	Peak



Antenna at Horizontal Polarization

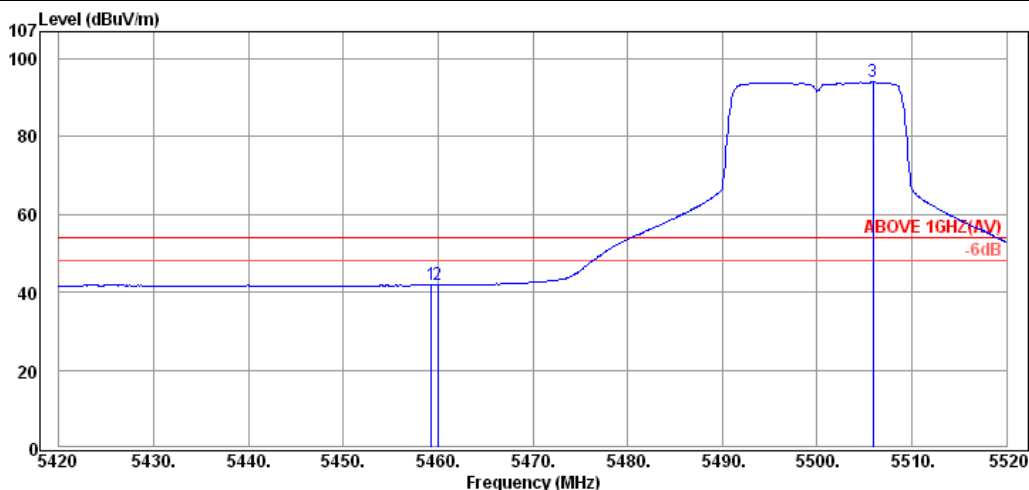
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.00	34.75	8.61	-2.01	41.35	54.00	12.65	Average
5460.00	34.75	8.61	-2.00	41.36	54.00	12.64	Average
5506.30	34.80	8.73	44.69	88.22	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Vertical Polarization

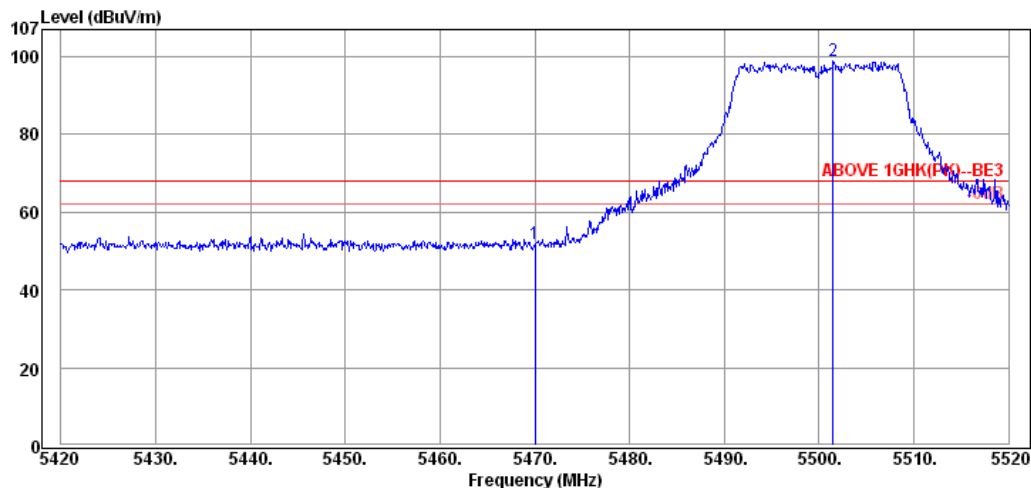
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5451.90	34.75	8.61	10.52	53.88	74.00	20.12	Peak
5460.00	34.75	8.61	8.97	52.33	74.00	21.67	Peak
5495.80	34.78	8.69	60.89	104.36	---	---	Peak



Antenna at Vertical Polarization

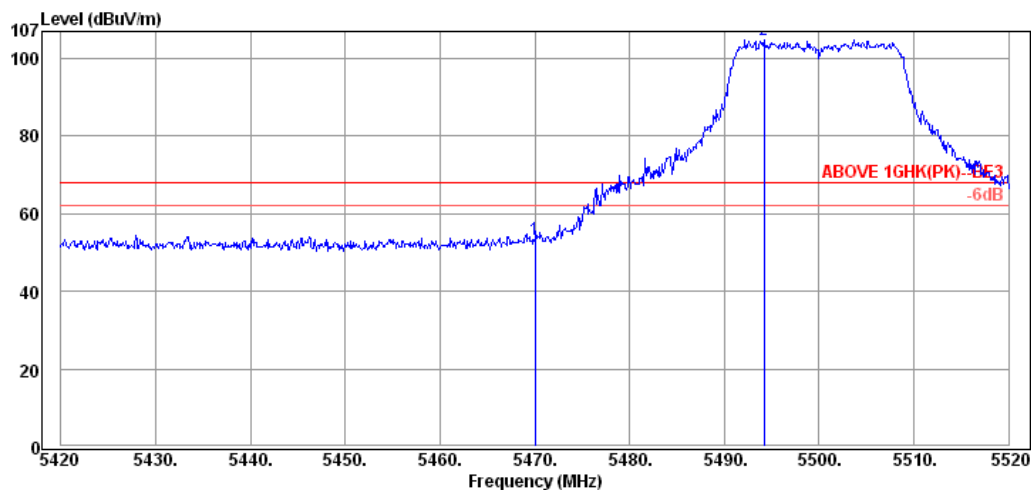
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.30	34.75	8.61	-1.53	41.83	54.00	12.17	Average
5460.00	34.75	8.61	-1.61	41.75	54.00	12.25	Average
5505.90	34.80	8.73	50.46	93.99	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

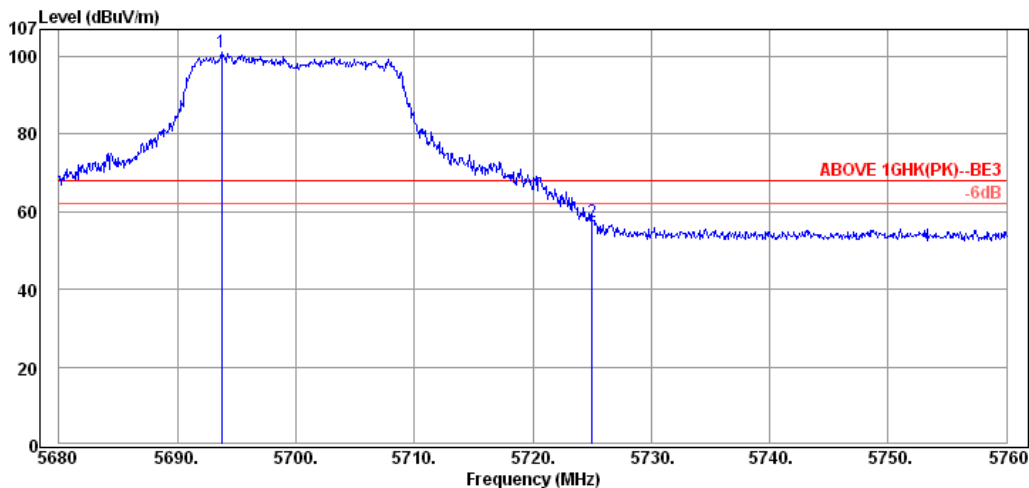
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	8.65	8.39	51.81	68.20	16.39	Peak
5501.50	34.80	8.73	55.54	99.07	---	---	Peak



Antenna at Vertical Polarization

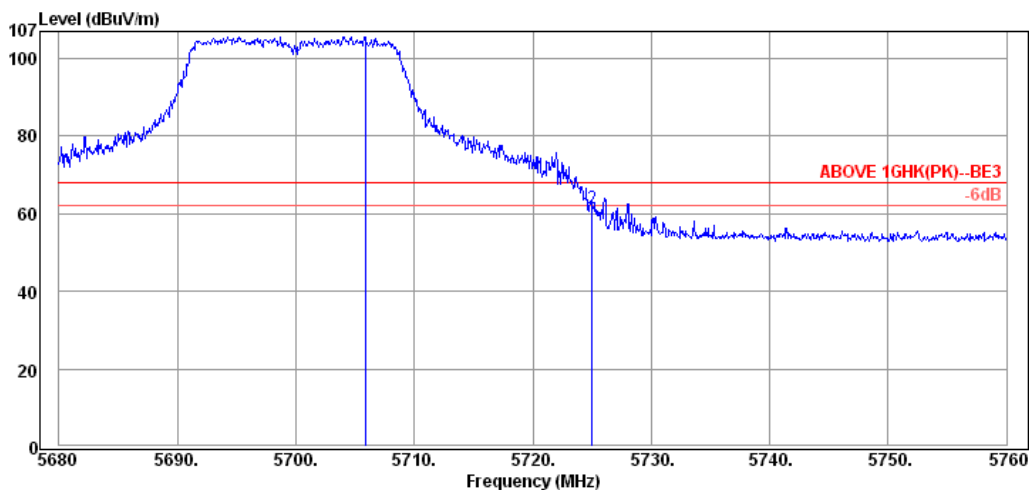
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	8.65	10.03	53.45	68.20	14.75	Peak
5494.20	34.78	8.69	61.38	104.85	---	---	Peak

Mode	802.11n-HT20	Frequency	TX 5700MHz
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Antenna at Horizontal Polarization

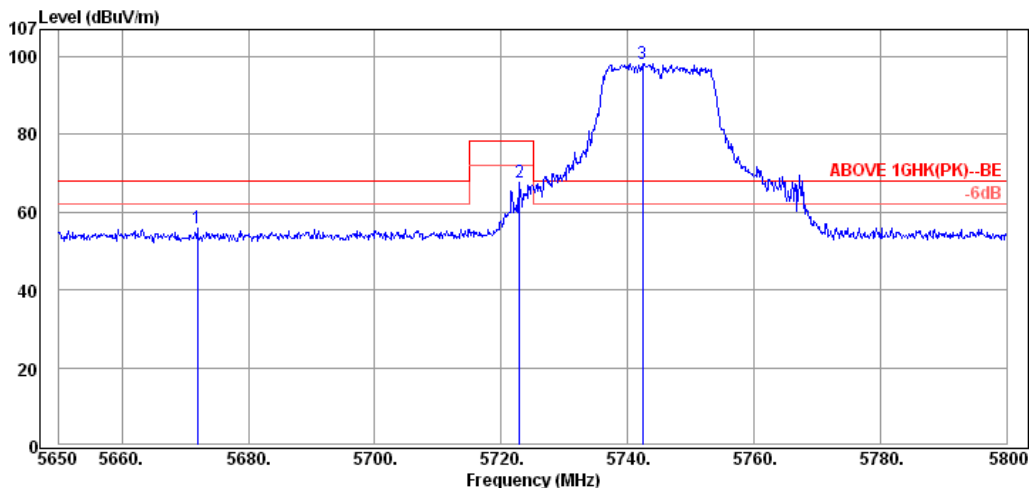
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5693.76	35.03	9.68	56.43	101.14	---	---	Peak
5725.04	35.07	9.78	12.41	57.26	68.20	10.94	Peak



Antenna at Vertical Polarization

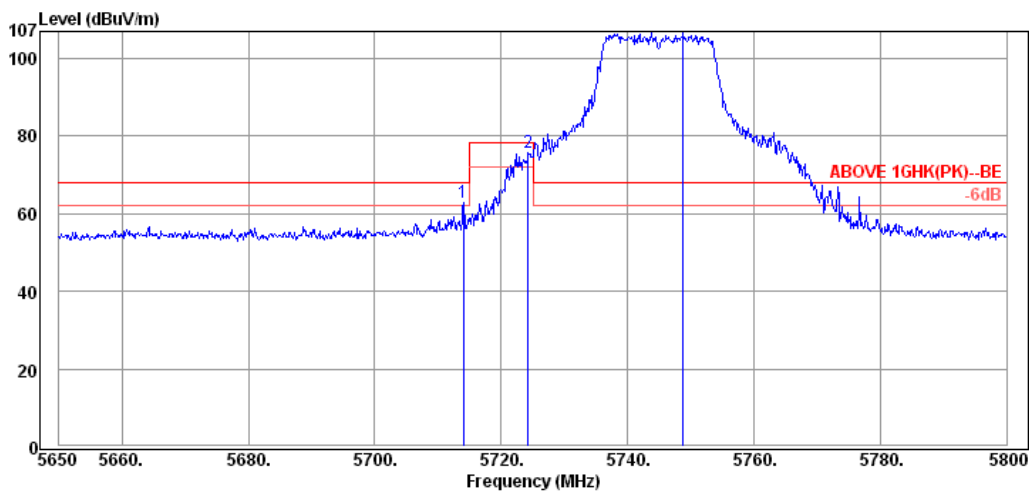
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5705.84	35.05	9.73	60.93	105.71	---	---	Peak
5725.04	35.07	9.78	16.44	61.29	68.20	6.91	Peak

Mode	802.11n-HT20	Frequency	TX 5745MHz
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Antenna at Horizontal Polarization

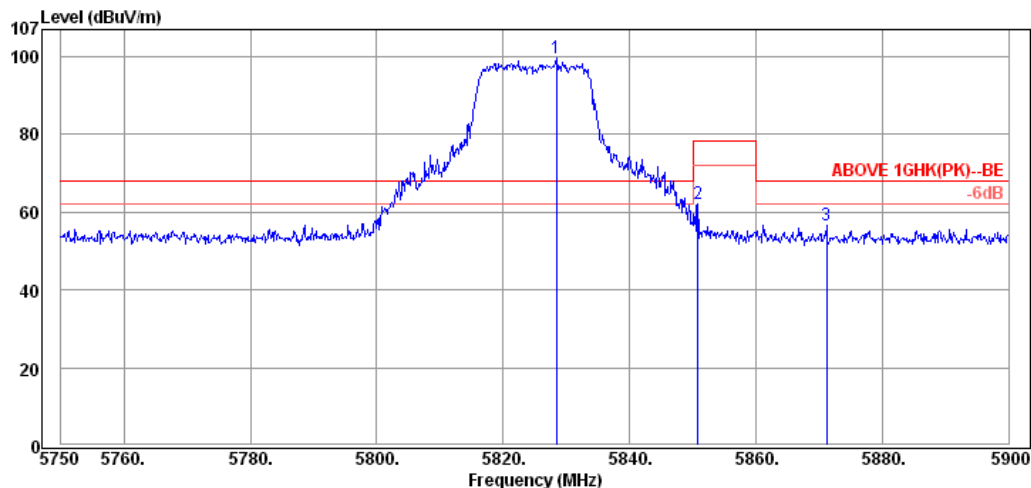
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5671.90	35.01	10.15	10.63	55.79	68.20	12.41	Peak
5722.90	35.07	10.29	22.26	67.62	78.20	10.58	Peak
5742.40	35.09	10.35	52.90	98.34	---	---	Peak



Antenna at Vertical Polarization

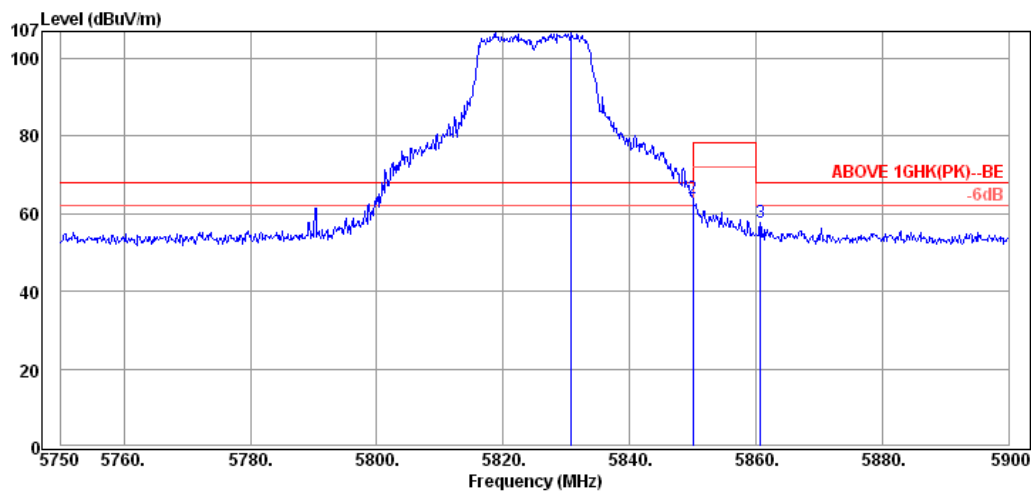
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.05	35.05	10.29	17.37	62.71	68.20	5.49	Peak
5724.25	35.07	10.29	30.21	75.57	78.20	2.63	Peak
5748.85	35.09	10.42	61.11	106.62	---	---	Peak

Mode	802.11n-HT20	Frequency	TX 5825MHz
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Antenna at Horizontal Polarization

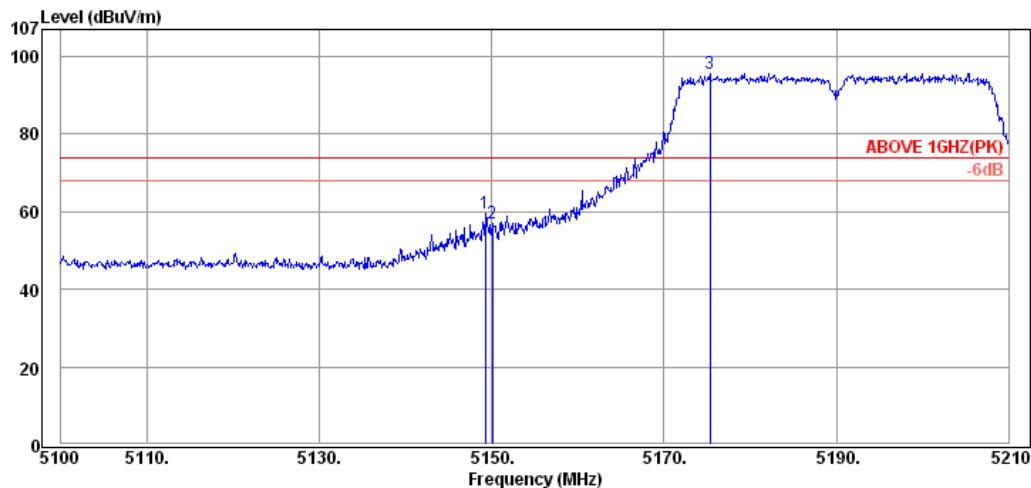
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5828.45	35.19	10.26	54.08	99.53	---	---	Peak
5850.80	35.21	10.22	16.57	62.00	78.20	16.20	Peak
5871.20	35.26	10.18	11.09	56.53	68.20	11.67	Peak



Antenna at Vertical Polarization

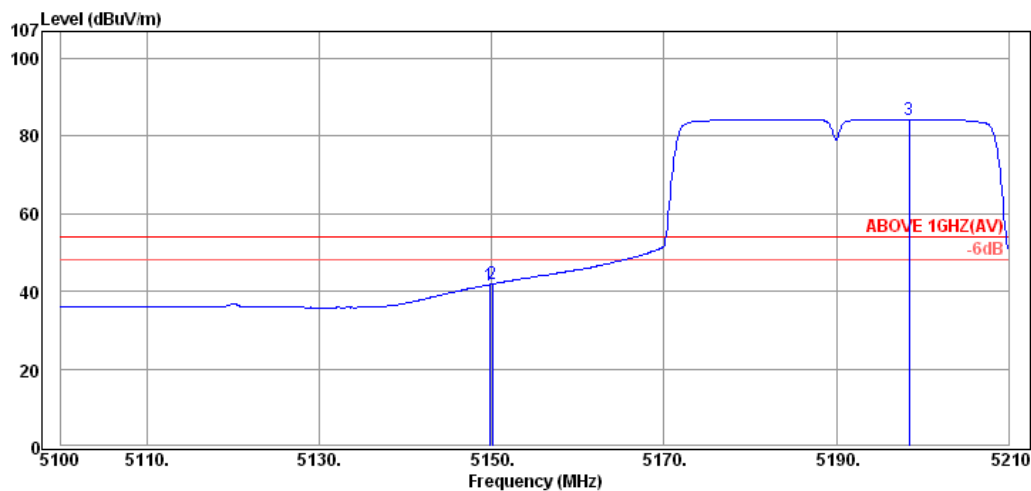
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5830.85	35.19	9.90	62.05	107.14	---	---	Peak
5850.05	35.21	9.86	18.89	63.96	78.20	14.24	Peak
5860.70	35.23	9.82	12.84	57.89	68.20	10.31	Peak

Mode	802.11n-HT40	Frequency	TX 5190MHz
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Antenna at Horizontal Polarization

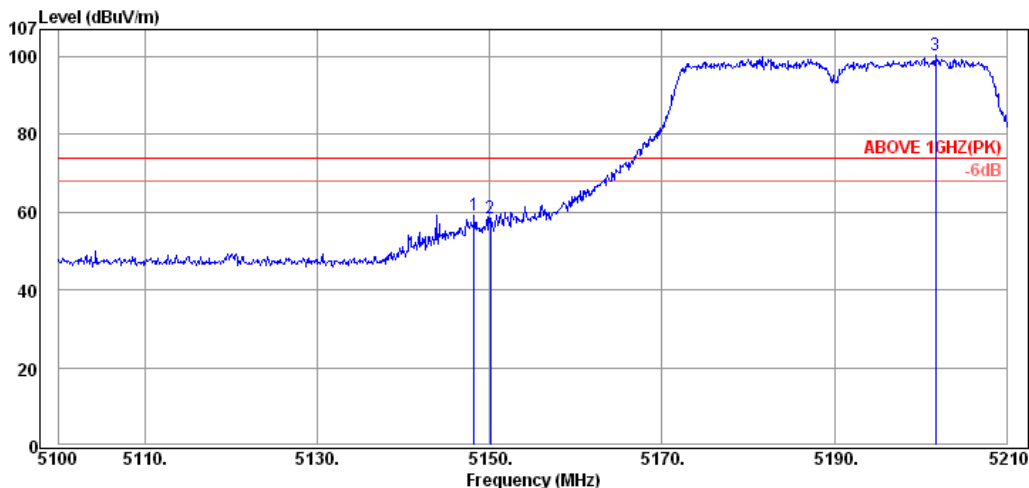
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.28	34.45	9.41	15.55	59.41	74.00	14.59	Peak
5150.05	34.45	9.41	13.22	57.08	74.00	16.92	Peak
5175.35	34.48	9.39	51.73	95.60	---	---	Peak



Antenna at Horizontal Polarization

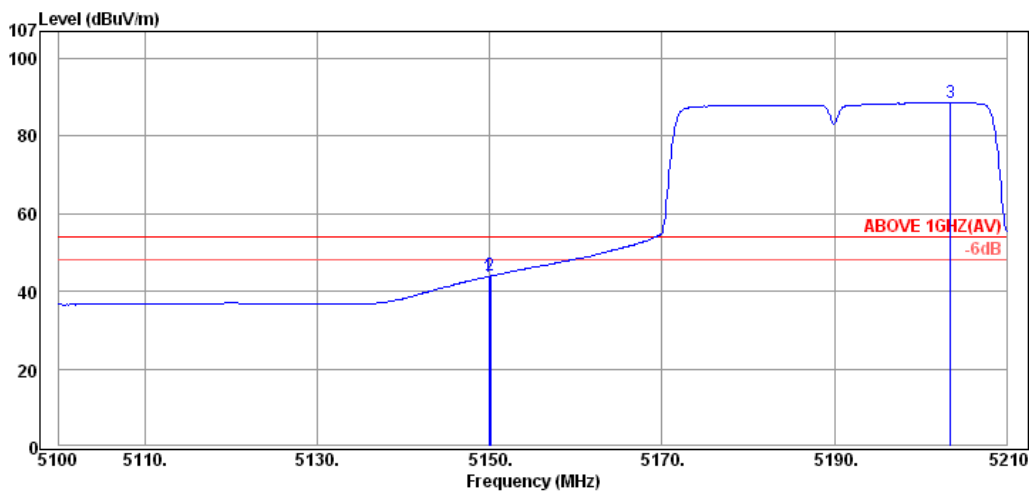
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.45	9.41	-2.15	41.71	54.00	12.29	Average
5150.05	34.45	9.41	-2.05	41.81	54.00	12.19	Average
5198.45	34.50	9.37	40.45	84.32	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5190MHz
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Antenna at Vertical Polarization

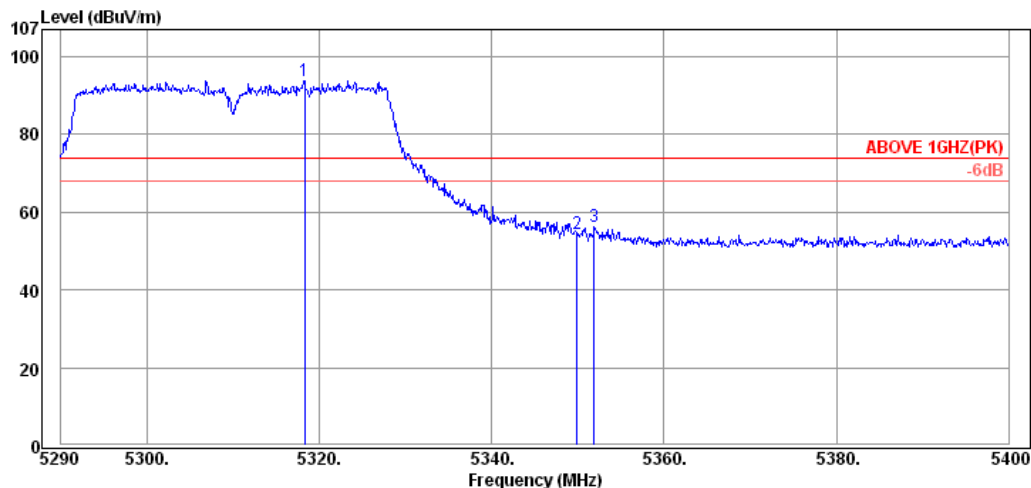
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.18	34.45	9.41	15.37	59.23	74.00	14.77	Peak
5150.05	34.45	9.41	14.58	58.44	74.00	15.56	Peak
5201.75	34.50	9.37	56.51	100.38	---	---	Peak



Antenna at Vertical Polarization

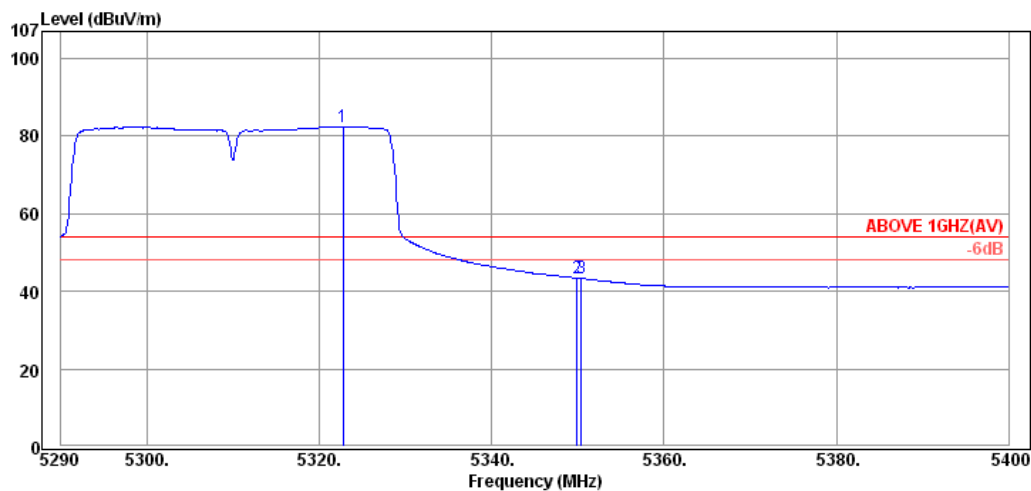
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.94	34.45	9.41	0.07	43.93	54.00	10.07	Average
5150.05	34.45	9.41	0.11	43.97	54.00	10.03	Average
5203.51	34.50	9.37	44.84	88.71	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5310MHz
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Antenna at Horizontal Polarization

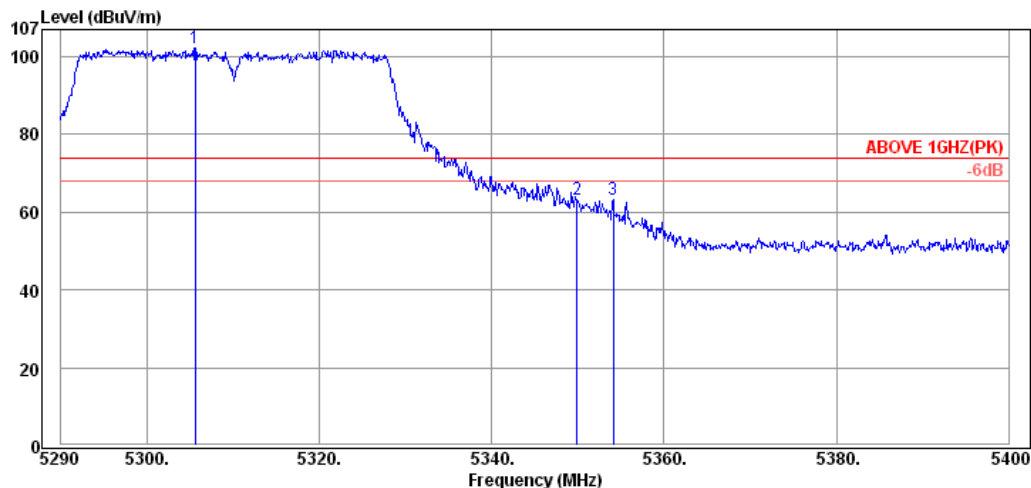
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5318.27	34.62	8.70	50.35	93.67	---	---	Peak
5349.95	34.65	8.61	11.25	54.51	74.00	19.49	Peak
5351.93	34.65	8.61	13.04	56.30	74.00	17.70	Peak



Antenna at Horizontal Polarization

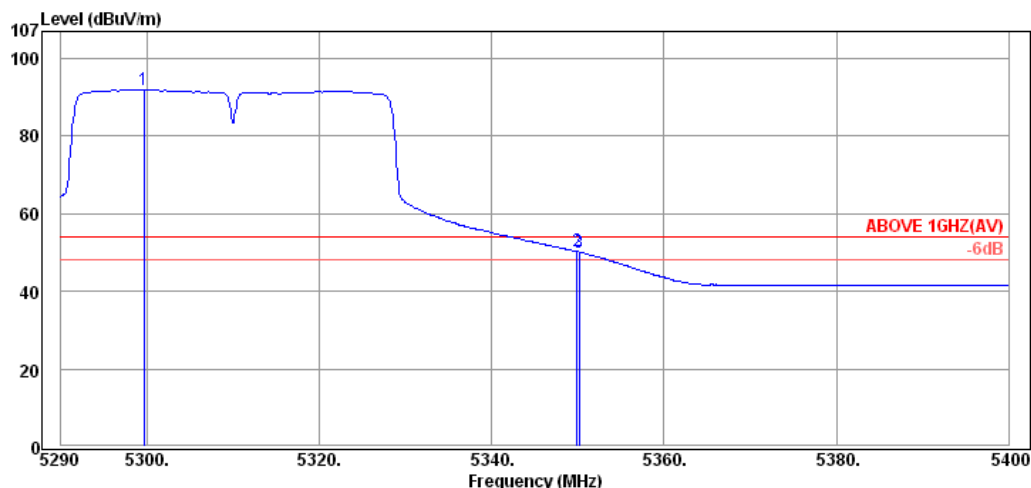
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5322.78	34.62	8.70	39.21	82.53	---	---	Average
5349.95	34.65	8.61	0.15	43.41	54.00	10.59	Average
5350.39	34.65	8.61	0.07	43.33	54.00	10.67	Average

Mode	802.11n-HT40	Frequency	TX 5310MHz
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Antenna at Vertical Polarization

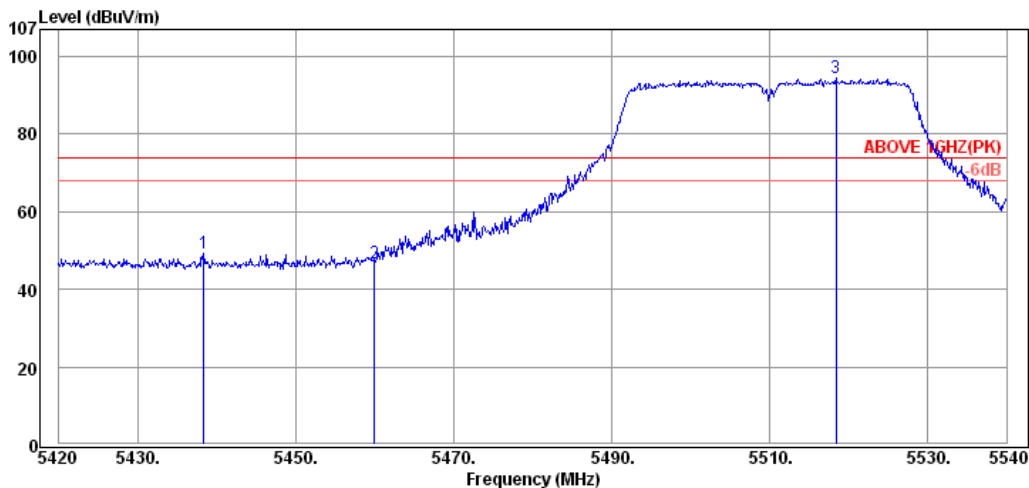
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5305.62	34.60	8.74	58.94	102.28	---	---	Peak
5349.95	34.65	8.61	20.07	63.33	74.00	10.67	Peak
5354.13	34.65	8.61	19.91	63.17	74.00	10.83	Peak



Antenna at Vertical Polarization

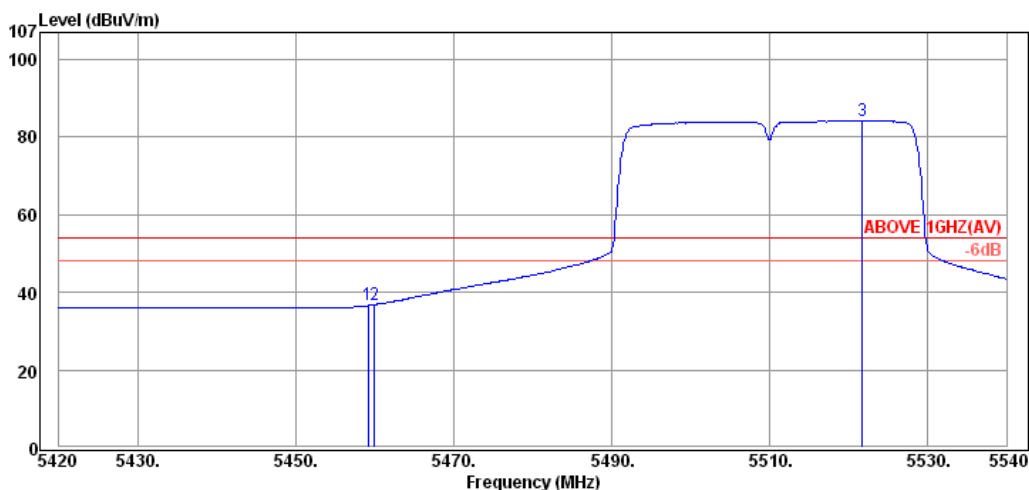
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5299.68	34.60	8.74	48.62	91.96	---	---	Average
5349.95	34.65	8.61	6.98	50.24	54.00	3.76	Average
5350.17	34.65	8.61	6.84	50.10	54.00	3.90	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Horizontal Polarization

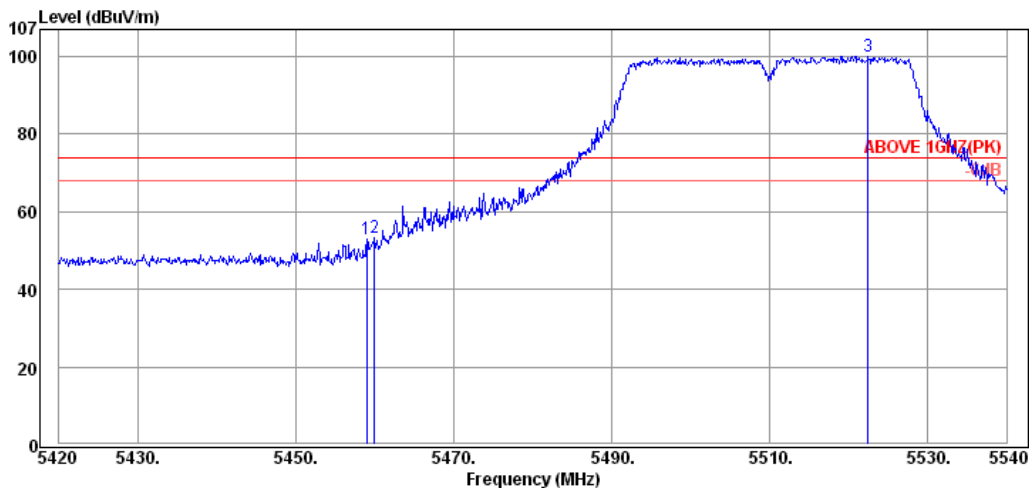
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5438.36	34.73	9.45	5.14	49.32	74.00	24.68	Peak
5459.96	34.75	9.46	2.65	46.86	74.00	27.14	Peak
5518.40	34.82	9.55	49.99	94.36	---	---	Peak



Antenna at Horizontal Polarization

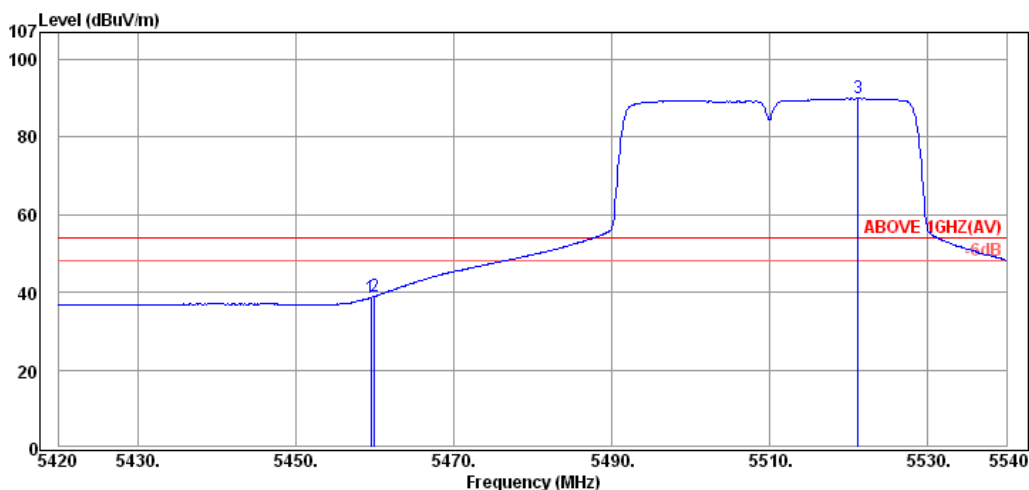
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.12	34.75	9.46	-7.62	36.59	54.00	17.41	Average
5459.96	34.75	9.46	-7.35	36.86	54.00	17.14	Average
5521.76	34.82	9.55	39.89	84.26	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Vertical Polarization

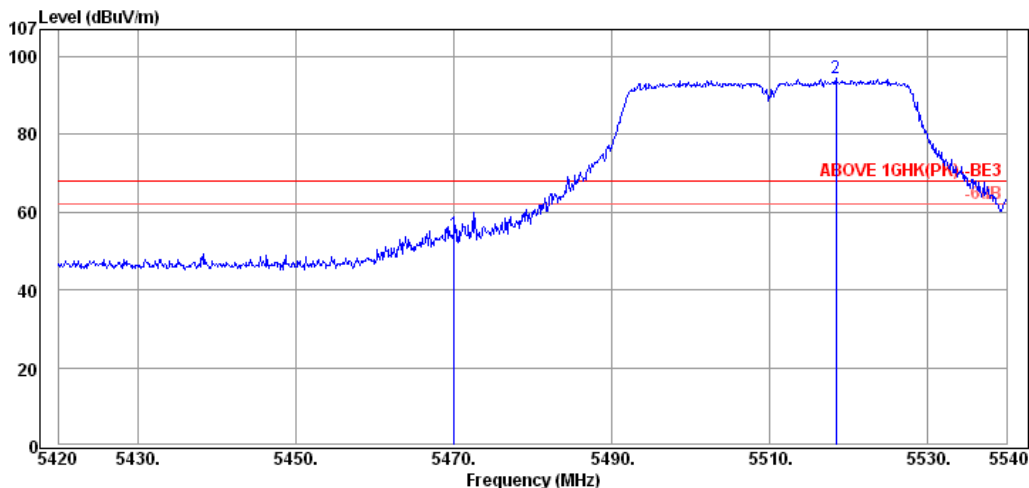
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.00	34.75	9.46	8.80	53.01	74.00	20.99	Peak
5459.96	34.75	9.46	9.22	53.43	74.00	20.57	Peak
5522.48	34.82	9.55	55.76	100.13	---	---	Peak



Antenna at Vertical Polarization

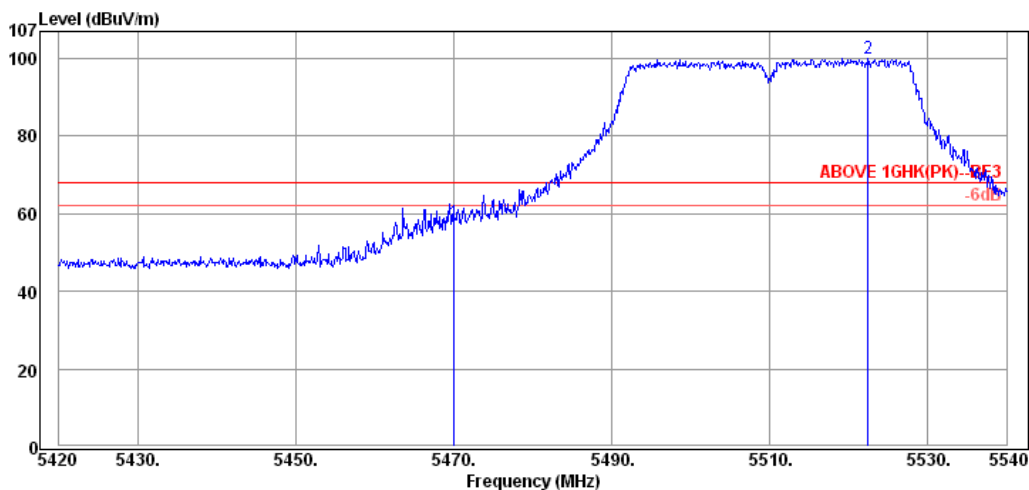
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.48	34.75	9.46	-5.57	38.64	54.00	15.36	Average
5459.96	34.75	9.46	-5.20	39.01	54.00	14.99	Average
5521.16	34.82	9.55	45.58	89.95	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Horizontal Polarization

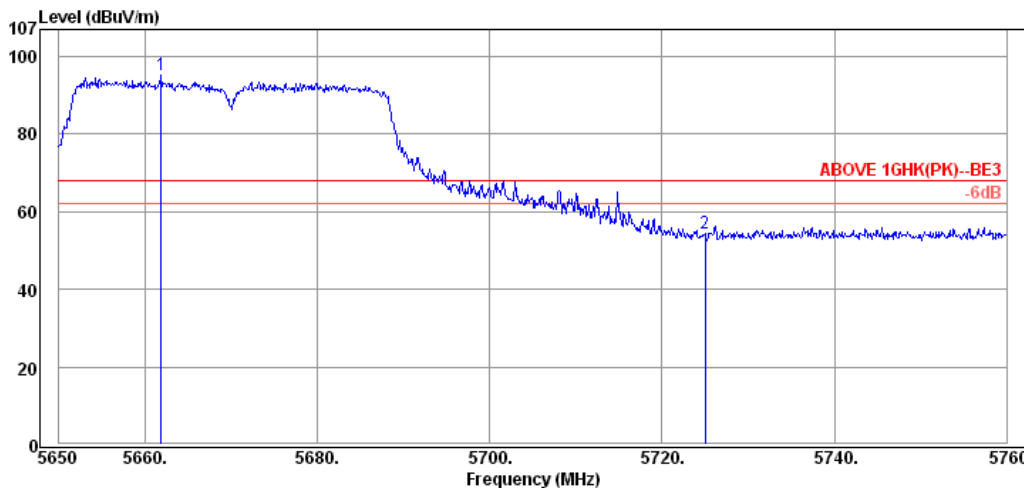
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.04	34.77	9.47	10.11	54.35	68.20	13.85	Peak
5518.40	34.82	9.55	49.99	94.36	---	---	Peak



Antenna at Vertical Polarization

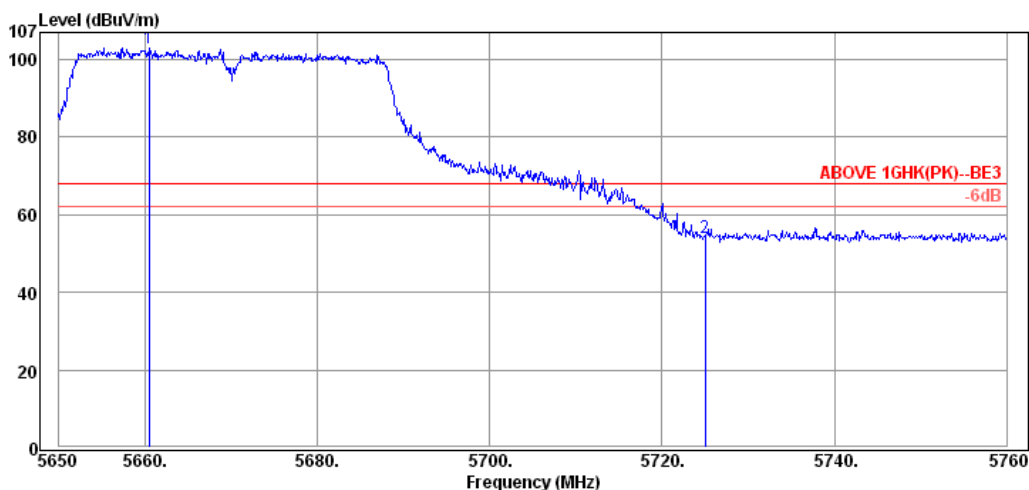
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.04	34.77	9.47	13.51	57.75	68.20	10.45	Peak
5522.48	34.82	9.55	55.76	100.13	---	---	Peak

Mode	802.11n-HT40	Frequency	TX 5670MHz
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Antenna at Horizontal Polarization

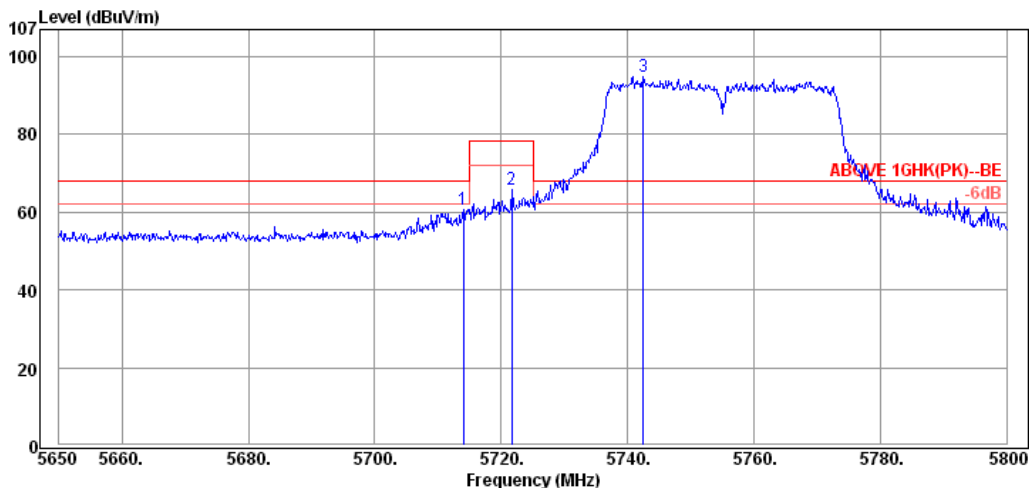
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5661.88	34.99	9.47	50.75	95.21	---	---	Peak
5725.02	35.07	9.78	9.73	54.58	68.20	13.62	Peak



Antenna at Vertical Polarization

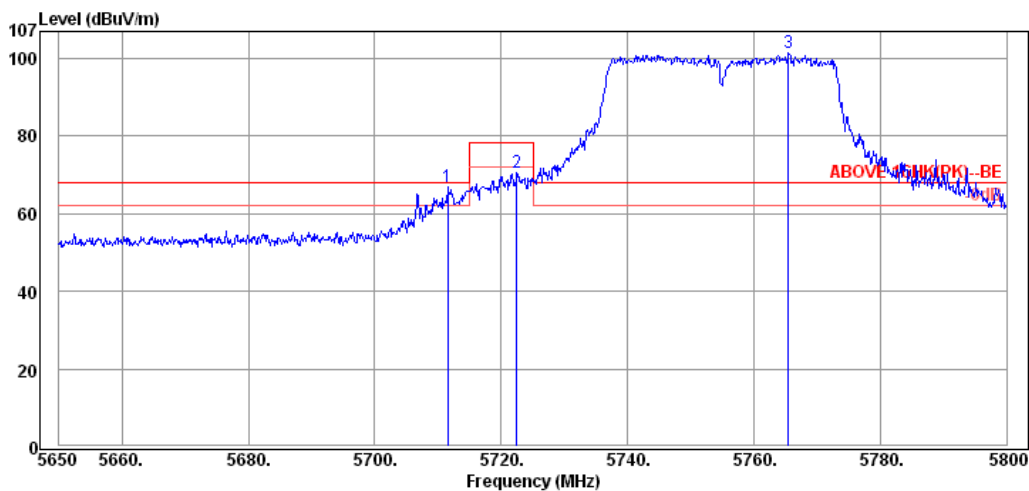
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5660.45	34.99	9.47	58.65	103.11	---	---	Peak
5725.02	35.07	9.78	9.26	54.11	68.20	14.09	Peak

Mode	802.11n-HT40	Frequency	TX 5755MHz
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Antenna at Horizontal Polarization

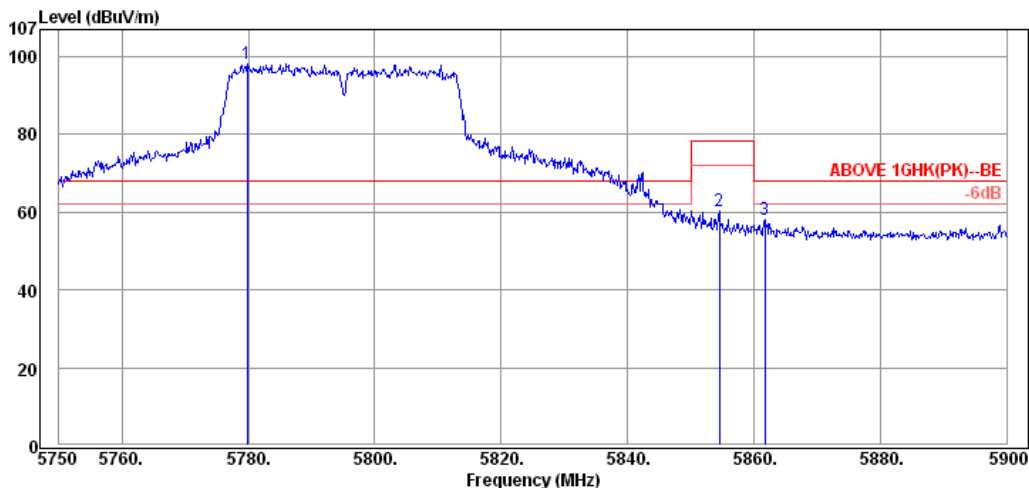
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.05	35.05	9.73	15.89	60.67	68.20	7.53	Peak
5721.70	35.07	9.78	21.14	65.99	78.20	12.21	Peak
5742.55	35.09	9.83	49.98	94.90	---	---	Peak



Antenna at Vertical Polarization

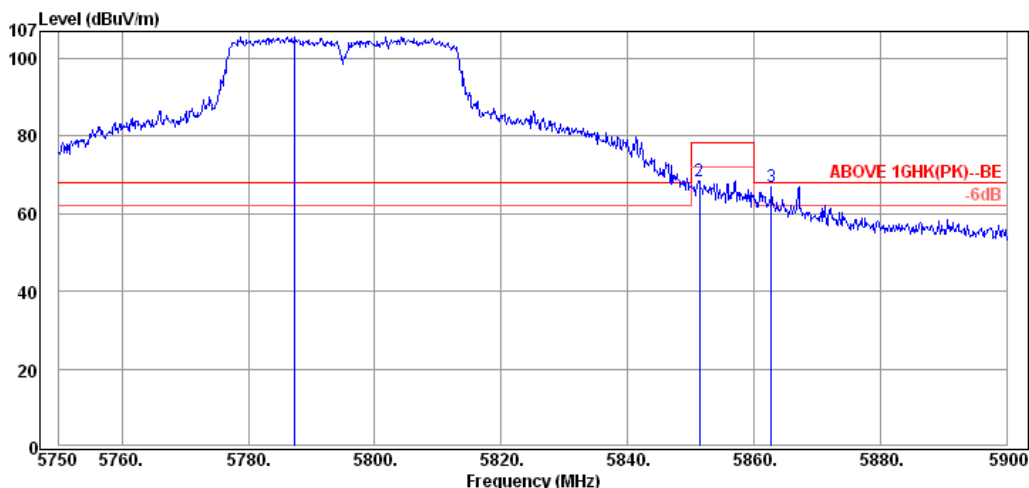
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5711.50	35.05	9.73	22.09	66.87	68.20	1.33	Peak
5722.45	35.07	9.78	25.74	70.59	78.20	7.61	Peak
5765.50	35.11	9.88	56.59	101.58	---	---	Peak

Mode	802.11n-HT40	Frequency	TX 5795MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5779.85	35.13	9.93	53.27	98.33	---	---	Peak
5854.55	35.23	9.82	15.28	60.33	78.20	17.87	Peak
5861.75	35.23	9.82	13.16	58.21	68.20	9.99	Peak

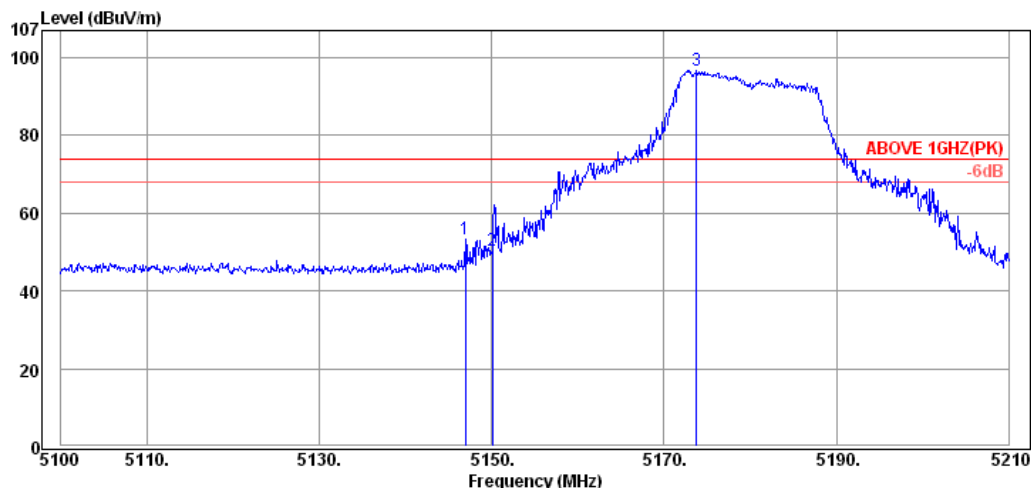


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5787.35	35.15	9.98	60.43	105.56	---	---	Peak
5851.40	35.21	9.86	23.34	68.41	78.20	9.79	Peak
5862.80	35.23	9.82	21.82	66.87	68.20	1.33	Peak

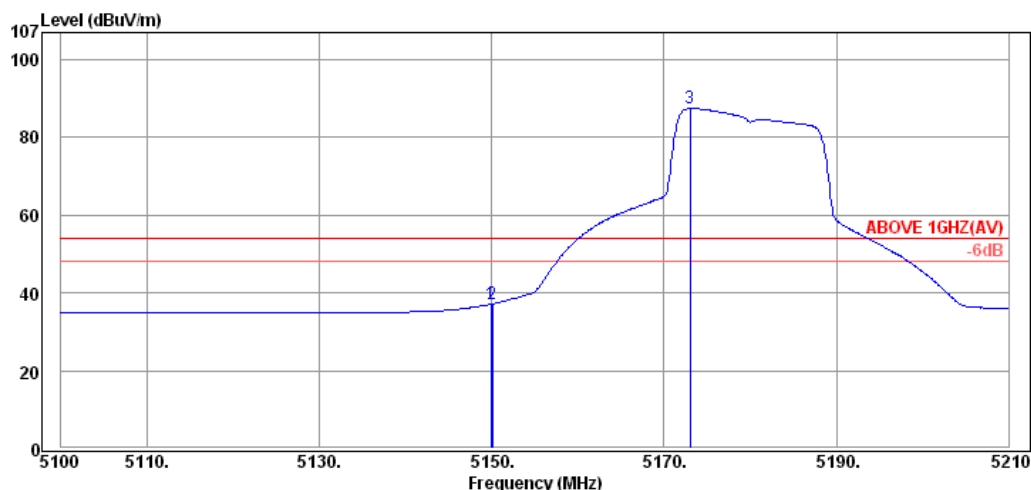
Antenna #4: MR-6000

Mode	802.11a	Frequency	TX 5180MHz
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Antenna at Horizontal Polarization

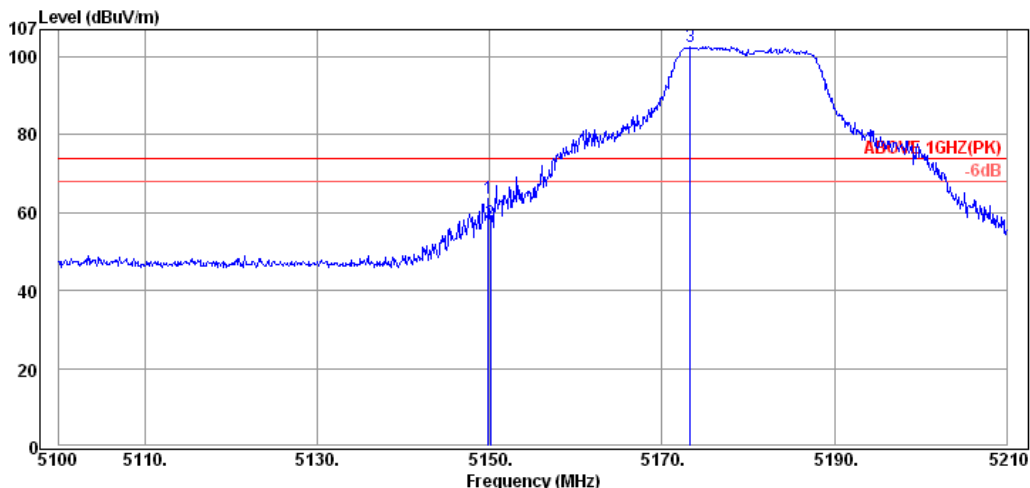
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.97	34.45	9.41	9.58	53.44	74.00	20.56	Peak
5150.05	34.45	9.41	6.69	50.55	74.00	23.45	Peak
5173.81	34.48	9.39	52.87	96.74	---	---	Peak



Antenna at Horizontal Polarization

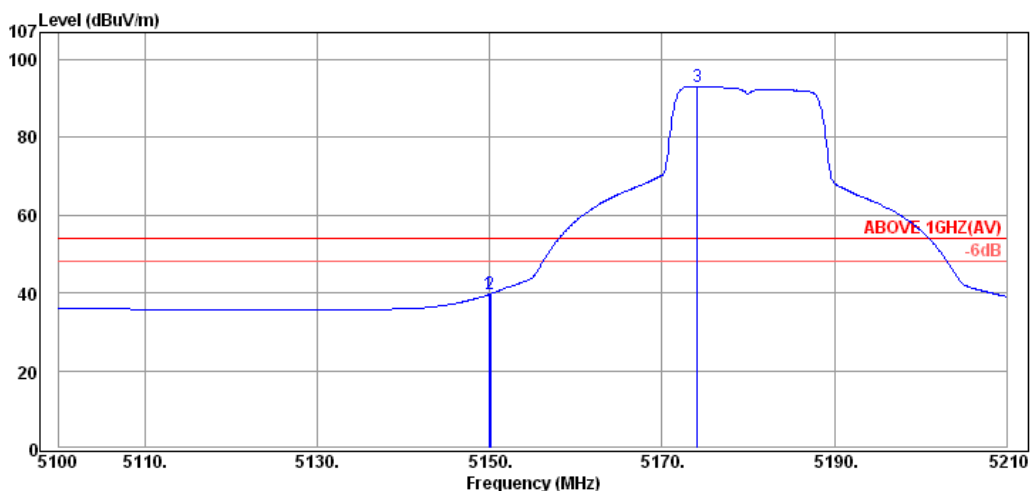
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.94	34.45	9.41	-6.70	37.16	54.00	16.84	Average
5150.05	34.45	9.41	-6.66	37.20	54.00	16.80	Average
5173.04	34.47	9.40	43.62	87.49	---	---	Average

Mode	802.11a	Frequency	TX 5180MHz
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Antenna at Vertical Polarization

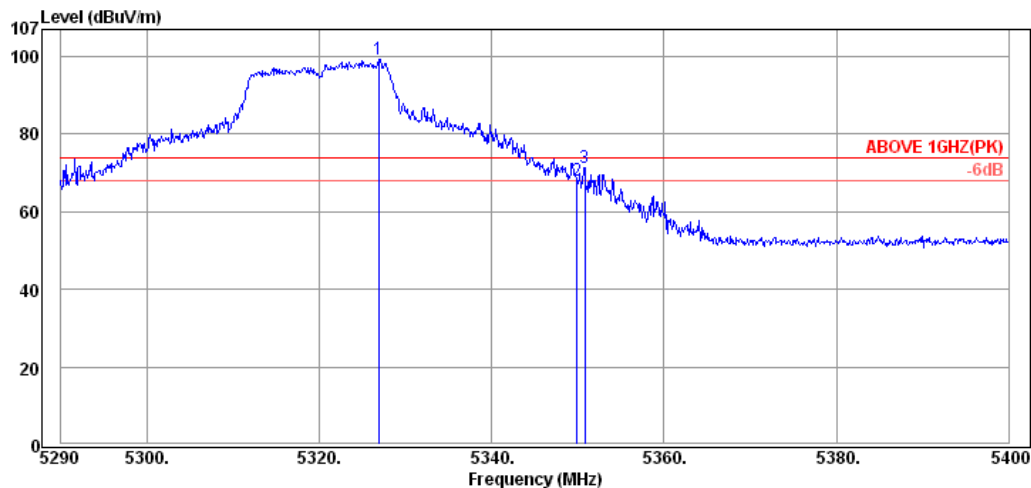
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.83	34.45	9.41	19.66	63.52	74.00	10.48	Peak
5150.05	34.45	9.41	13.54	57.40	74.00	16.60	Peak
5173.26	34.47	9.39	58.81	102.67	---	---	Peak



Antenna at Vertical Polarization

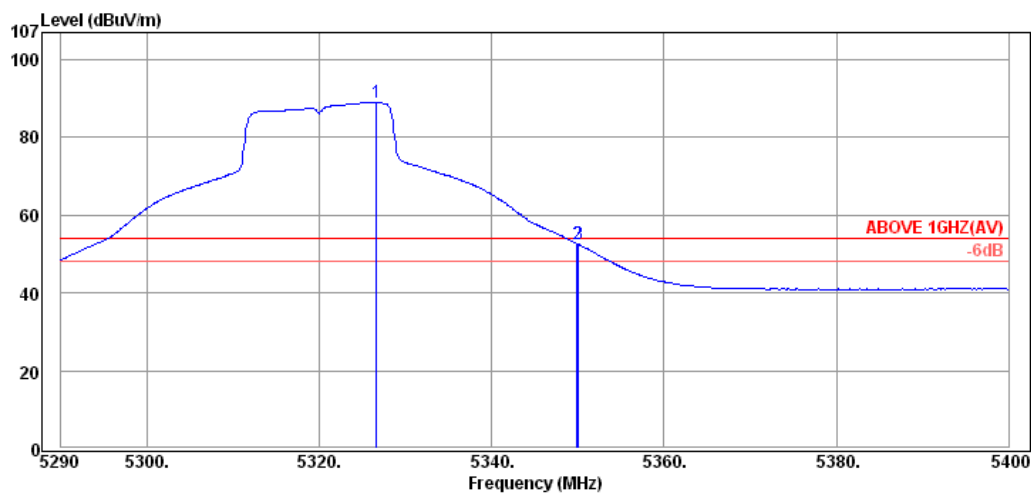
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.94	34.45	9.41	-4.20	39.66	54.00	14.34	Average
5150.05	34.45	9.41	-4.02	39.84	54.00	14.16	Average
5174.14	34.48	9.39	49.32	93.19	---	---	Average

Mode	802.11a	Frequency	TX 5320MHz
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Antenna at Horizontal Polarization

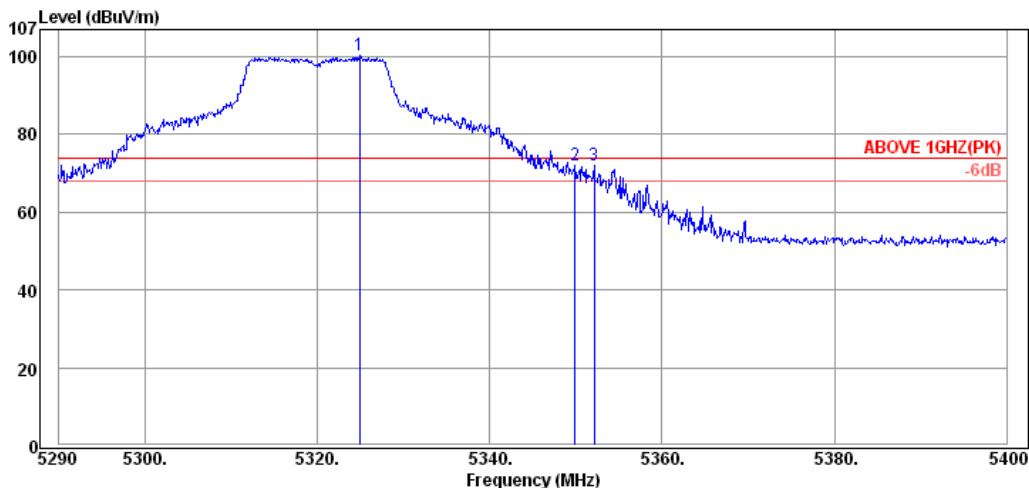
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5326.85	34.63	8.66	55.88	99.17	---	---	Peak
5349.95	34.65	8.61	24.78	68.04	74.00	5.96	Peak
5350.83	34.65	8.61	27.97	71.23	74.00	2.77	Peak



Antenna at Horizontal Polarization

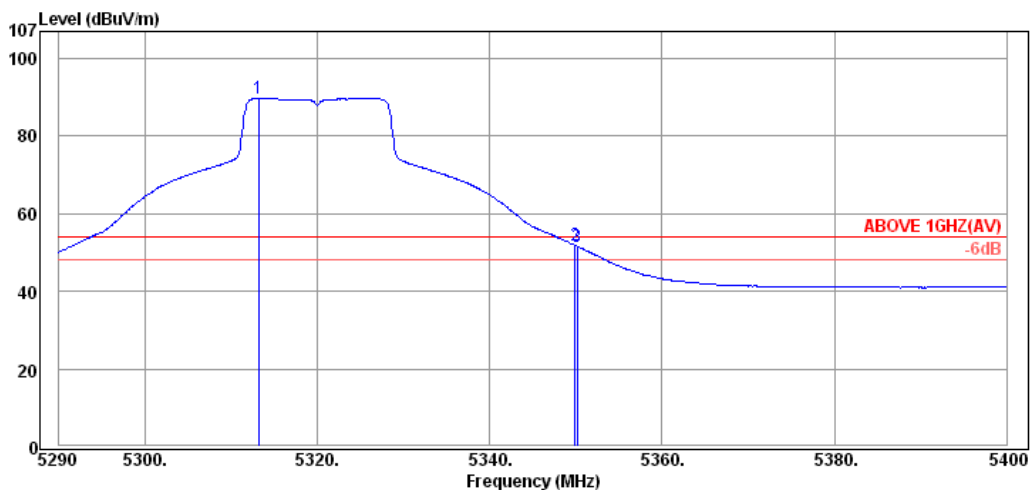
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5326.63	34.63	8.66	45.73	89.02	---	---	Average
5349.95	34.65	8.61	9.34	52.60	54.00	1.40	Average
5350.06	34.65	8.61	9.25	52.51	54.00	1.49	Average

Mode	802.11a	Frequency	TX 5320MHz
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Antenna at Vertical Polarization

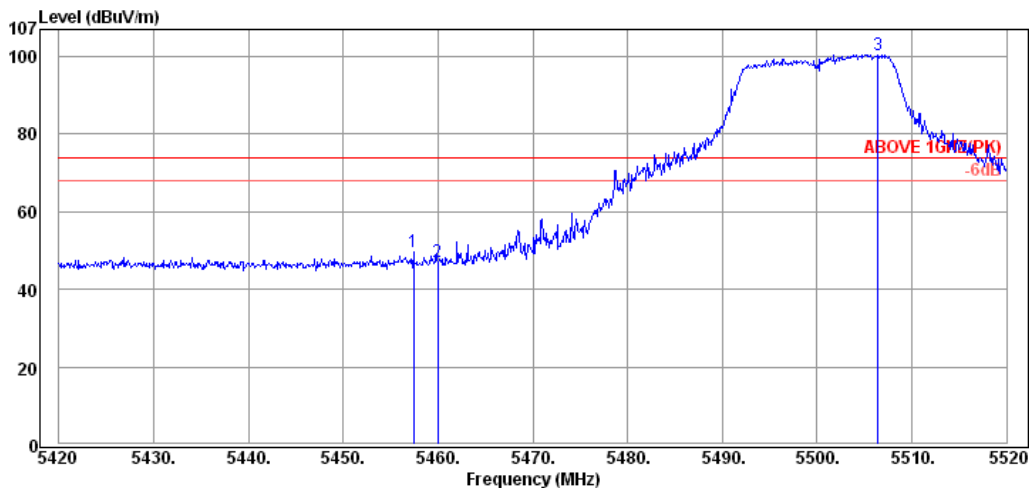
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5324.87	34.62	8.70	57.00	100.32	---	---	Peak
5349.95	34.65	8.61	28.77	72.03	74.00	1.97	Peak
5352.15	34.65	8.61	28.76	72.02	74.00	1.98	Peak



Antenna at Vertical Polarization

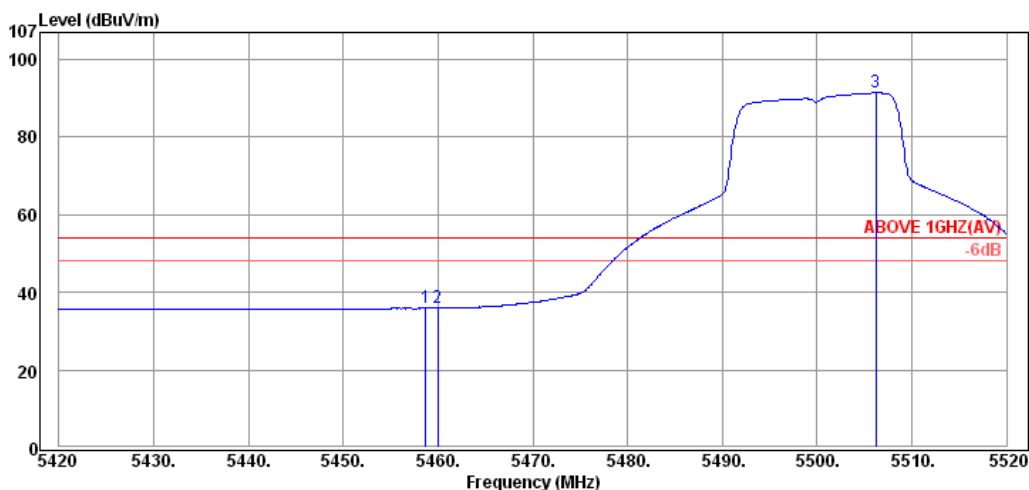
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5313.21	34.62	8.70	46.42	89.74	---	---	Average
5349.95	34.65	8.61	8.63	51.89	54.00	2.11	Average
5350.17	34.65	8.61	8.37	51.63	54.00	2.37	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

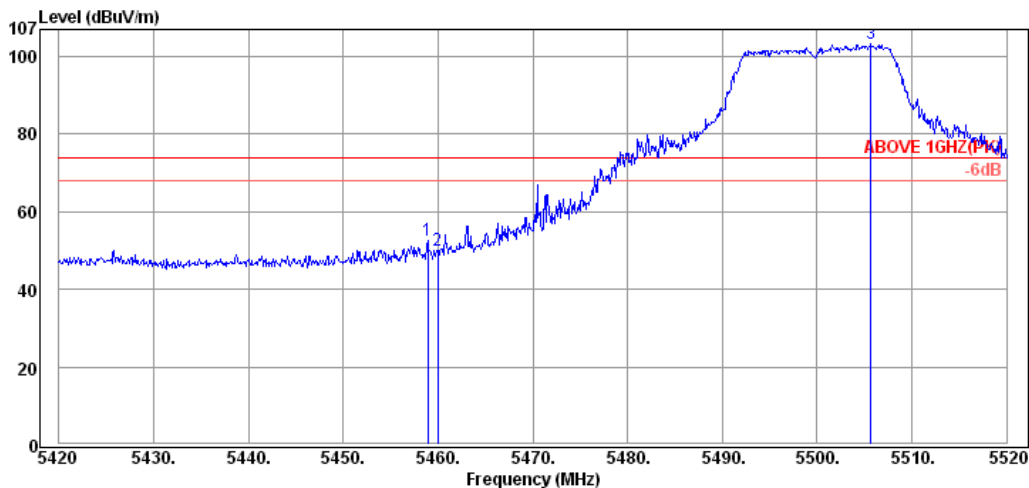
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5457.40	34.75	9.46	5.49	49.70	74.00	24.30	Peak
5460.00	34.75	9.46	2.88	47.09	74.00	26.91	Peak
5506.40	34.80	9.55	56.20	100.55	---	---	Peak



Antenna at Horizontal Polarization

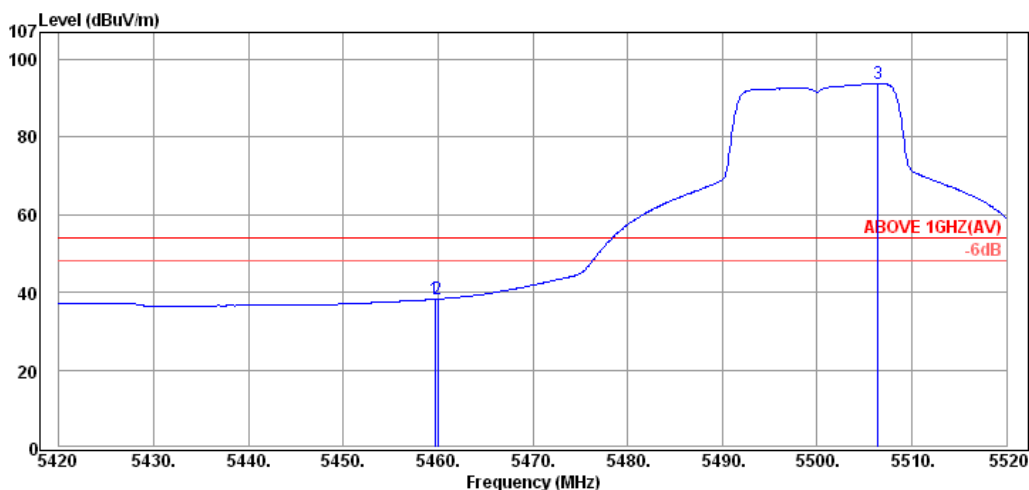
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.70	34.75	9.46	-8.27	35.94	54.00	18.06	Average
5460.00	34.75	9.46	-8.29	35.92	54.00	18.08	Average
5506.20	34.80	9.55	47.13	91.48	---	---	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Vertical Polarization

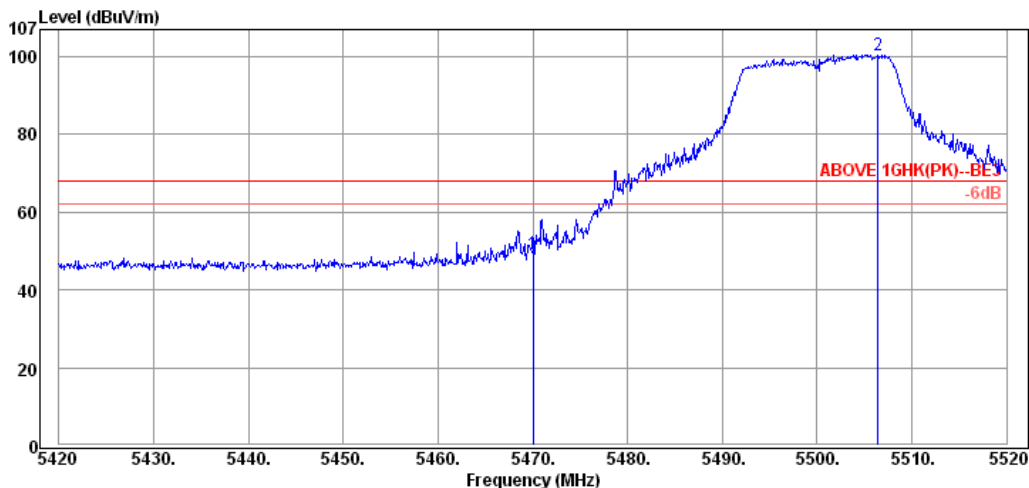
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.90	34.75	9.46	8.30	52.51	74.00	21.49	Peak
5460.00	34.75	9.46	5.79	50.00	74.00	24.00	Peak
5505.70	34.80	9.55	59.15	103.50	---	---	Peak



Antenna at Vertical Polarization

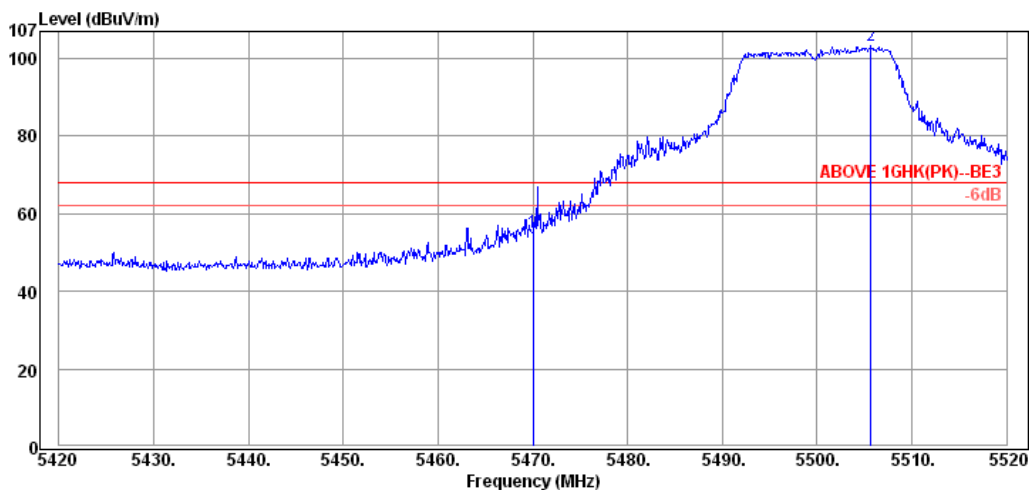
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.70	34.75	9.46	-6.00	38.21	54.00	15.79	Average
5460.00	34.75	9.46	-5.96	38.25	54.00	15.75	Average
5506.40	34.80	9.55	49.45	93.80	---	---	Average

Mode	802.11a	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

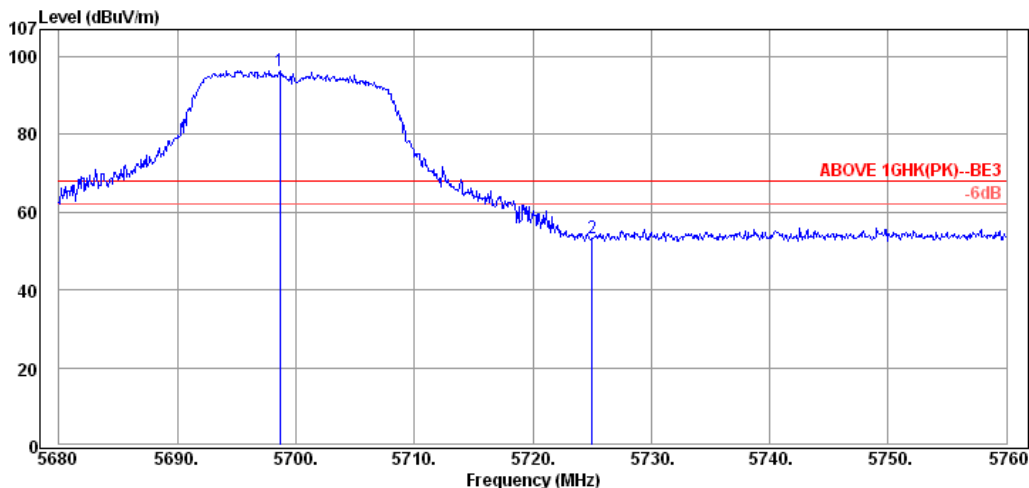
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	9.47	4.95	49.19	68.20	19.01	Peak
5506.40	34.80	9.55	56.20	100.55	---	---	Peak



Antenna at Vertical Polarization

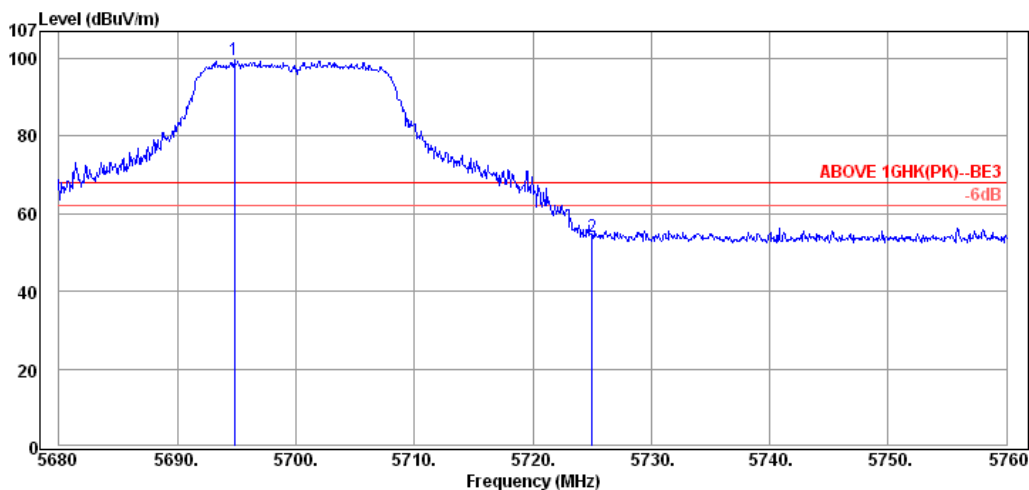
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	9.47	10.89	55.13	68.20	13.07	Peak
5505.70	34.80	9.55	59.15	103.50	---	---	Peak

Mode	802.11a	Frequency	TX 5700MHz
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Antenna at Horizontal Polarization

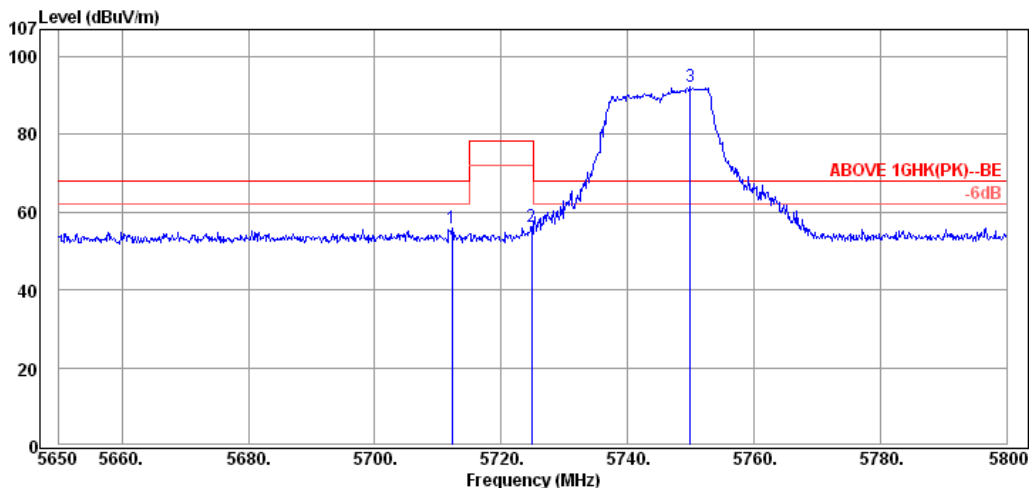
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5698.64	35.03	9.68	51.65	96.36	---	---	Peak
5725.04	35.07	9.78	8.50	53.35	68.20	14.85	Peak



Antenna at Vertical Polarization

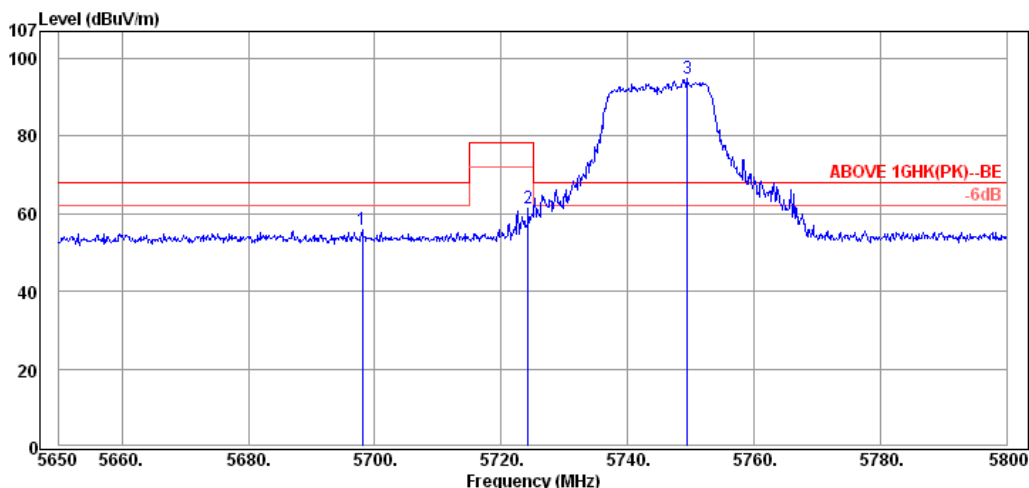
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5694.80	35.03	9.68	55.00	99.71	---	---	Peak
5725.04	35.07	9.78	9.22	54.07	68.20	14.13	Peak

Mode	802.11a	Frequency	TX 5745MHz
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Antenna at Horizontal Polarization

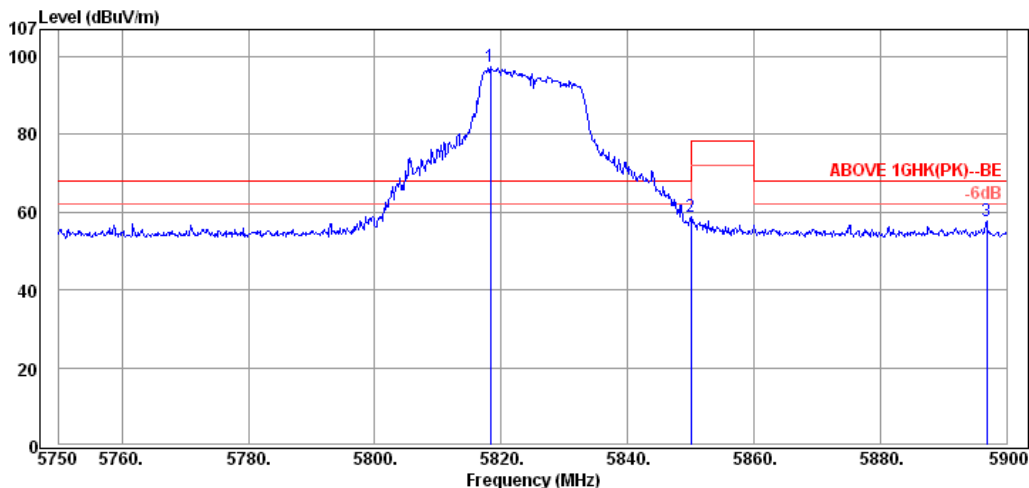
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5712.25	35.05	9.73	11.13	55.91	68.20	12.29	Peak
5724.85	35.07	9.78	11.36	56.21	78.20	21.99	Peak
5749.90	35.09	9.83	47.19	92.11	---	---	Peak



Antenna at Vertical Polarization

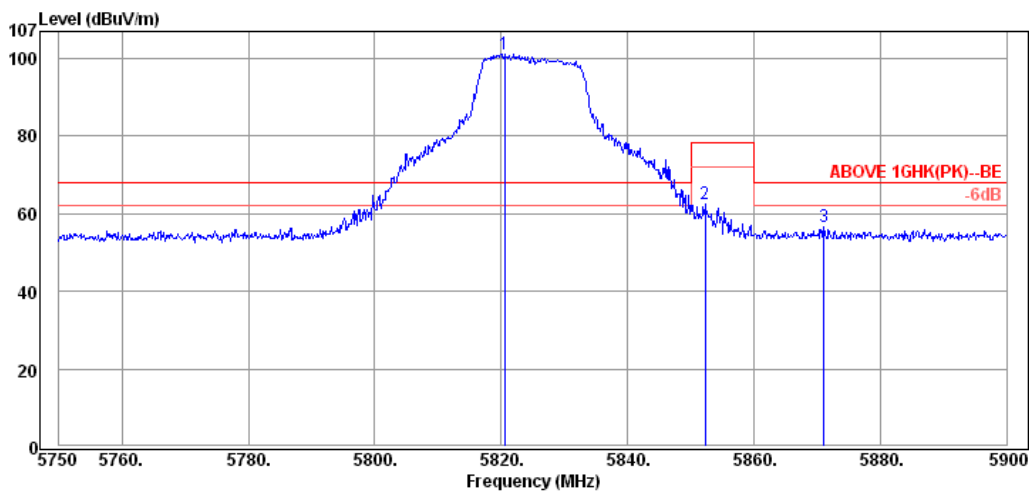
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5698.00	35.03	9.68	11.15	55.86	68.20	12.34	Peak
5724.25	35.07	9.78	16.71	61.56	78.20	16.64	Peak
5749.45	35.09	9.83	49.77	94.69	---	---	Peak

Mode	802.11a	Frequency	TX 5825MHz
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Antenna at Horizontal Polarization

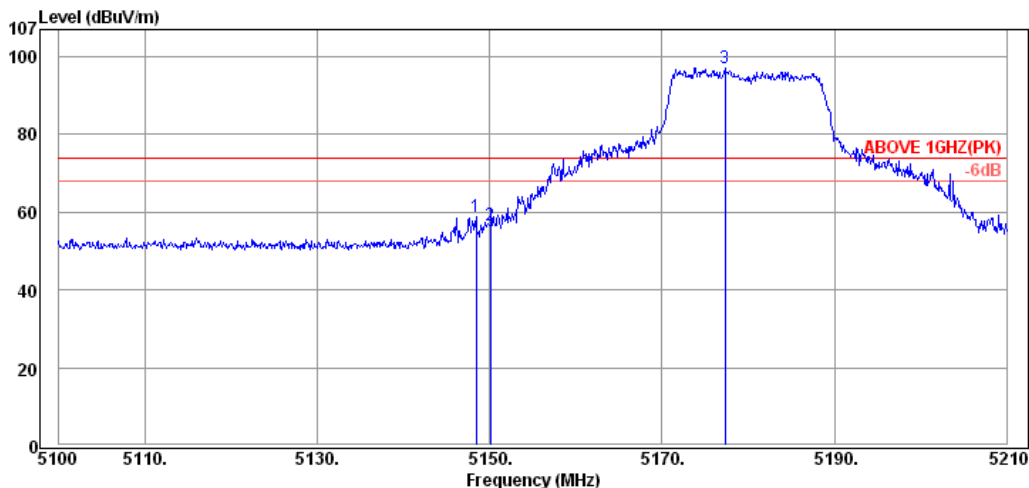
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5818.25	35.17	9.94	52.33	97.44	---	---	Peak
5850.05	35.21	9.86	13.70	58.77	78.20	19.43	Peak
5896.85	35.28	9.74	12.71	57.73	68.20	10.47	Peak



Antenna at Vertical Polarization

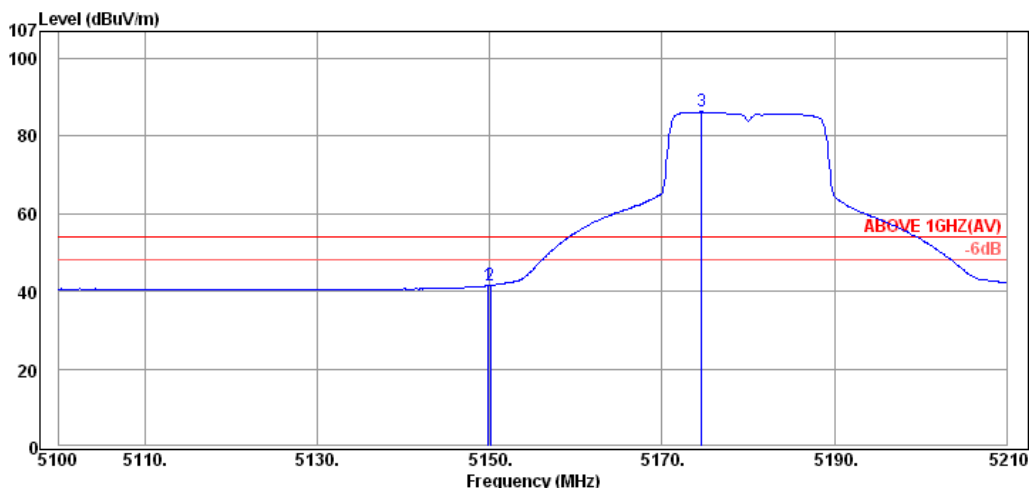
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5820.50	35.19	9.90	56.12	101.21	---	---	Peak
5852.30	35.21	9.86	17.52	62.59	78.20	15.61	Peak
5871.05	35.26	9.78	11.40	56.44	68.20	11.76	Peak

Mode	802.11n-HT20	Frequency	TX 5180MHz
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Antenna at Horizontal Polarization

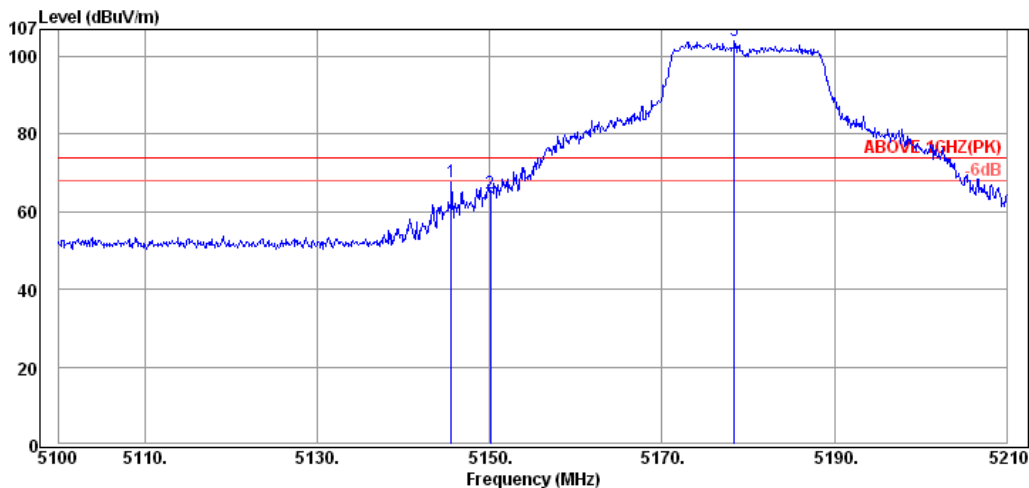
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.40	34.45	8.84	15.37	58.66	74.00	15.34	Peak
5150.05	34.45	8.84	13.47	56.76	74.00	17.24	Peak
5177.33	34.48	8.77	54.00	97.25	---	---	Peak



Antenna at Horizontal Polarization

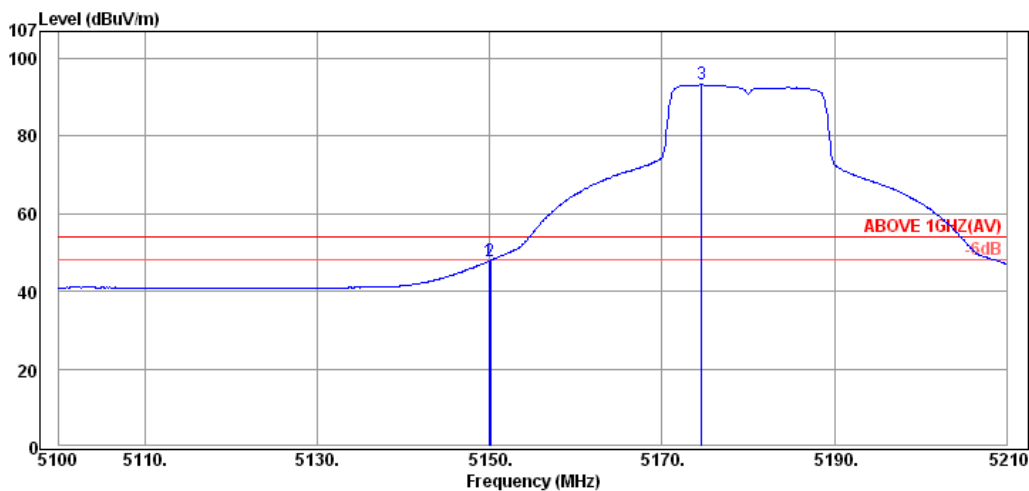
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.83	34.45	8.84	-1.84	41.45	54.00	12.55	Average
5150.05	34.45	8.84	-1.81	41.48	54.00	12.52	Average
5174.58	34.48	8.77	43.02	86.27	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5180MHz
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Antenna at Vertical Polarization

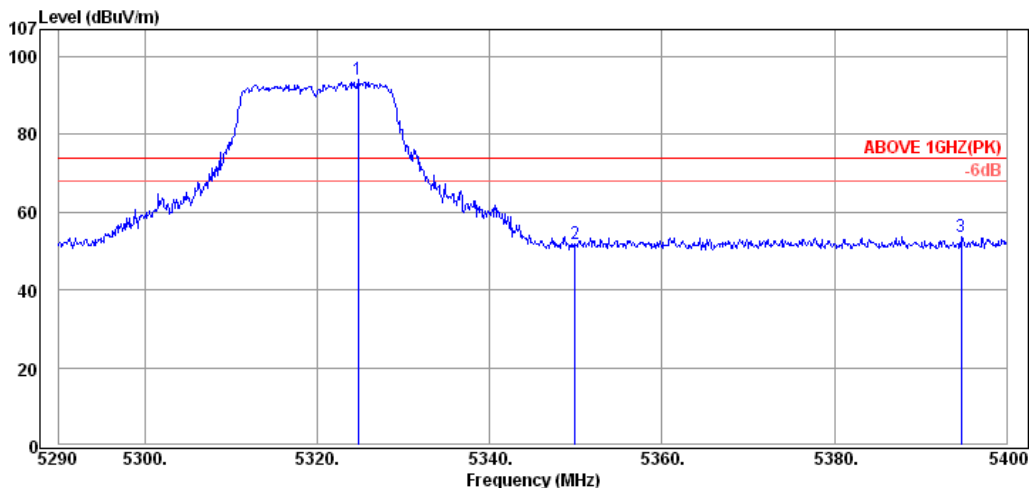
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5145.54	34.45	8.84	24.50	67.79	74.00	6.21	Peak
5150.05	34.45	8.84	21.49	64.78	74.00	9.22	Peak
5178.43	34.48	8.77	60.68	103.93	---	---	Peak



Antenna at Vertical Polarization

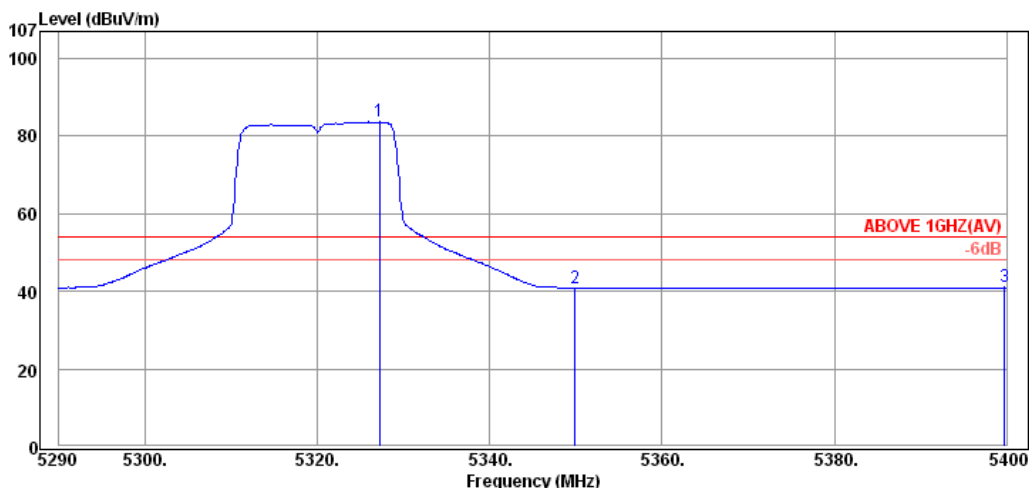
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.94	34.45	8.84	4.56	47.85	54.00	6.15	Average
5150.05	34.45	8.84	4.68	47.97	54.00	6.03	Average
5174.58	34.48	8.77	50.00	93.25	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5320MHz
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Antenna at Horizontal Polarization

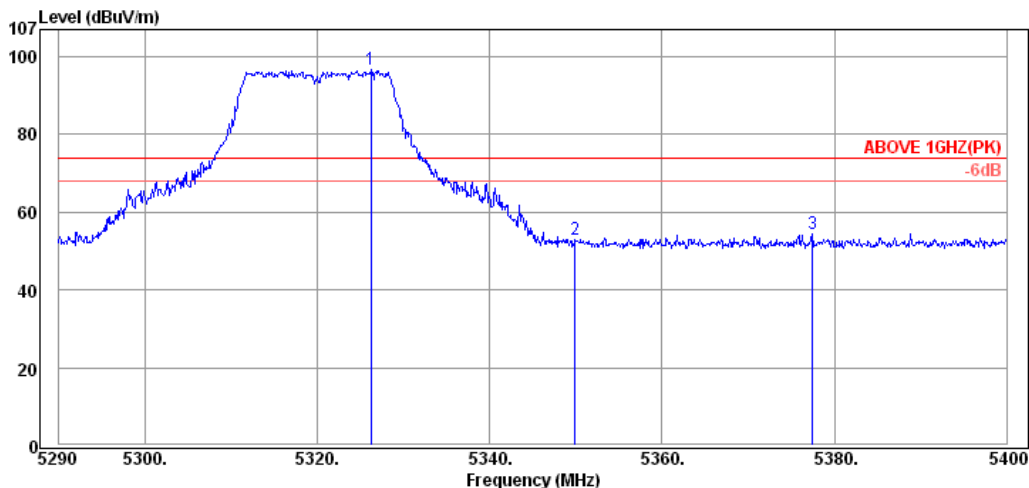
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5324.76	34.62	8.70	50.67	93.99	---	---	Peak
5349.95	34.65	8.61	8.47	51.73	74.00	22.27	Peak
5394.72	34.70	8.49	10.39	53.58	74.00	20.42	Peak



Antenna at Horizontal Polarization

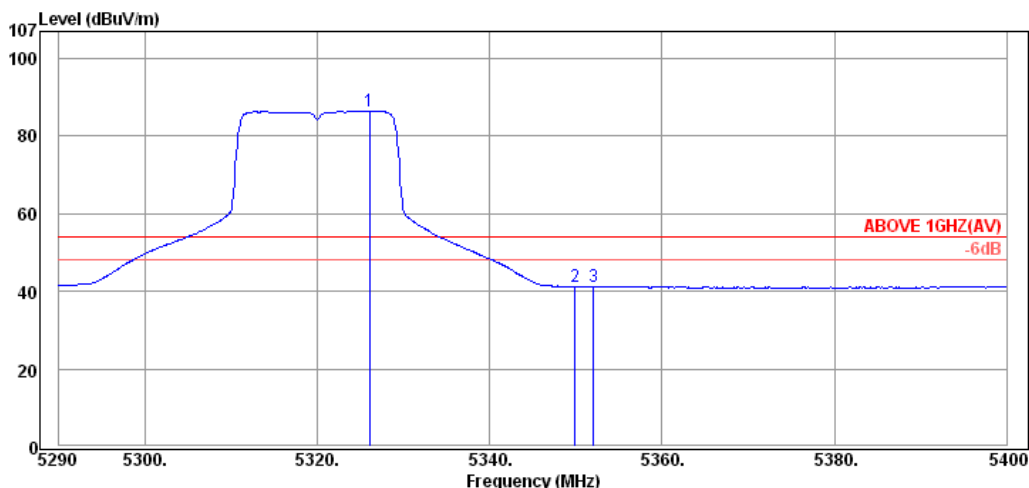
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5327.18	34.63	8.66	40.37	83.66	---	---	Average
5349.95	34.65	8.61	-2.31	40.95	54.00	13.05	Average
5399.78	34.70	8.49	-2.18	41.01	54.00	12.99	Average

Mode	802.11n-HT20	Frequency	TX 5320MHz
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Antenna at Vertical Polarization

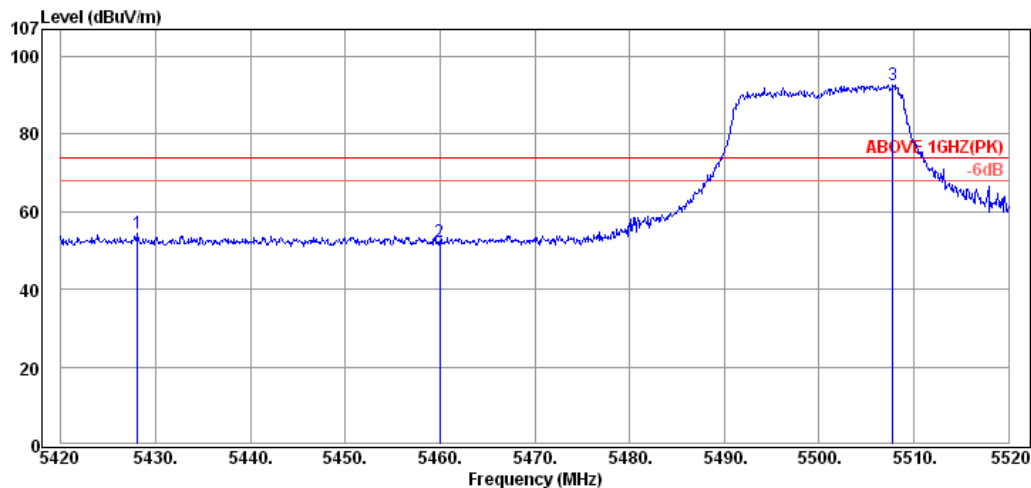
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5326.19	34.62	8.70	53.43	96.75	---	---	Peak
5349.95	34.65	8.61	9.60	52.86	74.00	21.14	Peak
5377.45	34.67	8.57	11.30	54.54	74.00	19.46	Peak



Antenna at Vertical Polarization

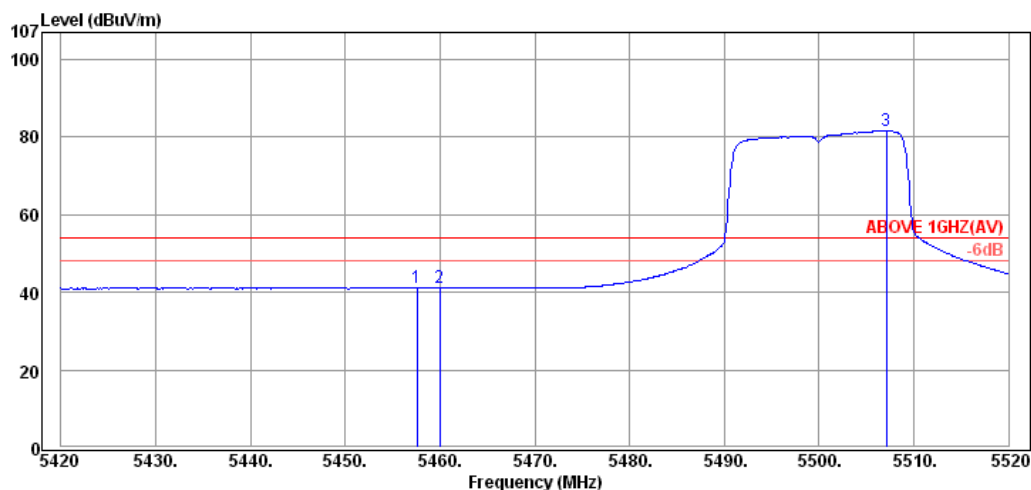
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5326.08	34.62	8.70	43.19	86.51	---	---	Average
5349.95	34.65	8.61	-2.03	41.23	54.00	12.77	Average
5352.04	34.65	8.61	-2.05	41.21	54.00	12.79	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

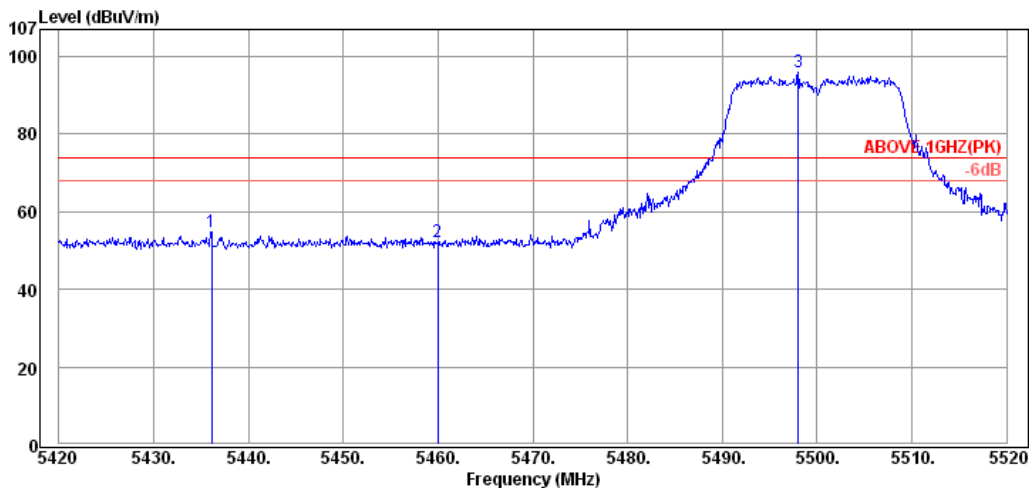
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5428.10	34.72	8.53	10.99	54.24	74.00	19.76	Peak
5460.00	34.75	8.61	8.78	52.14	74.00	21.86	Peak
5507.80	34.80	8.73	49.19	92.72	---	---	Peak



Antenna at Horizontal Polarization

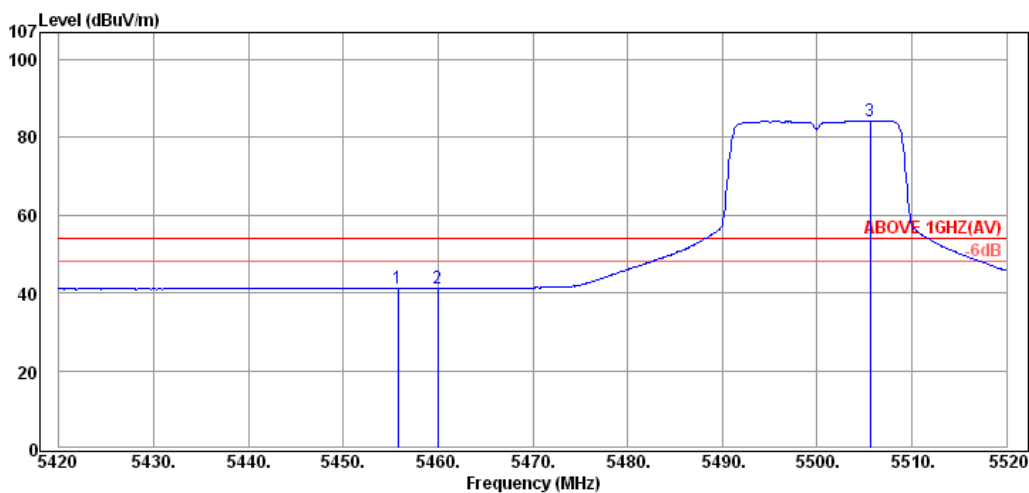
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5457.60	34.75	8.61	-2.22	41.14	54.00	12.86	Average
5460.00	34.75	8.61	-2.29	41.07	54.00	12.93	Average
5507.10	34.80	8.73	38.04	81.57	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Vertical Polarization

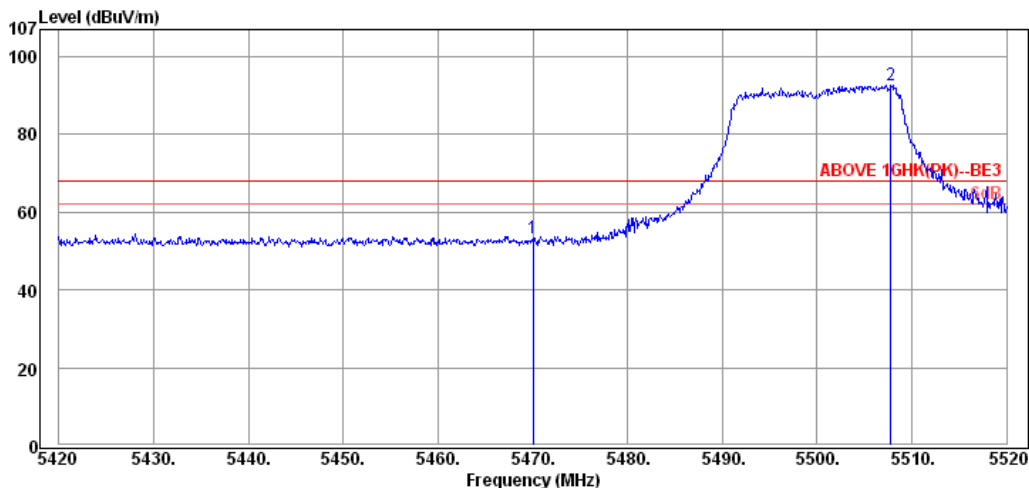
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5436.10	34.73	8.57	11.63	54.93	74.00	19.07	Peak
5460.00	34.75	8.61	8.98	52.34	74.00	21.66	Peak
5498.00	34.80	8.73	52.27	95.80	---	---	Peak



Antenna at Vertical Polarization

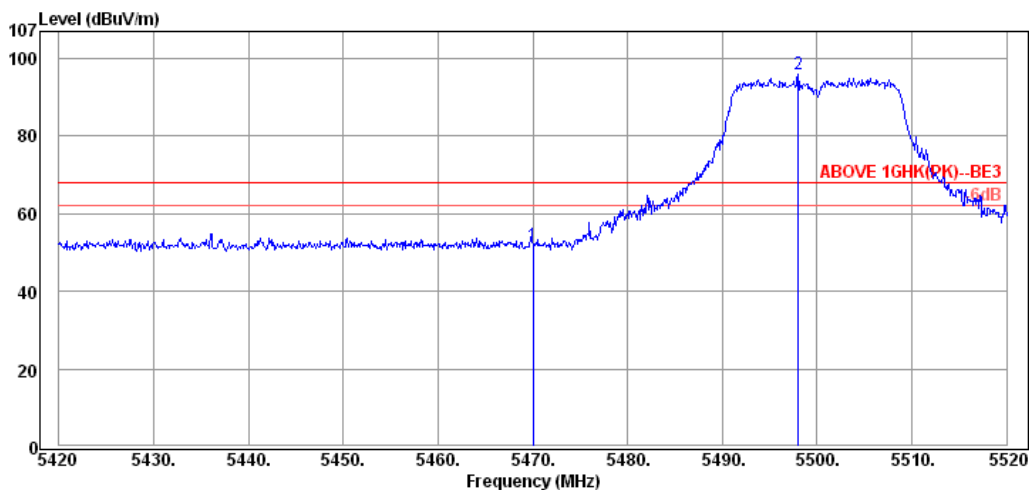
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5455.80	34.75	8.61	-2.17	41.19	54.00	12.81	Average
5460.00	34.75	8.61	-2.18	41.18	54.00	12.82	Average
5505.60	34.80	8.73	40.85	84.38	---	---	Average

Mode	802.11n-HT20	Frequency	TX 5500MHz
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Antenna at Horizontal Polarization

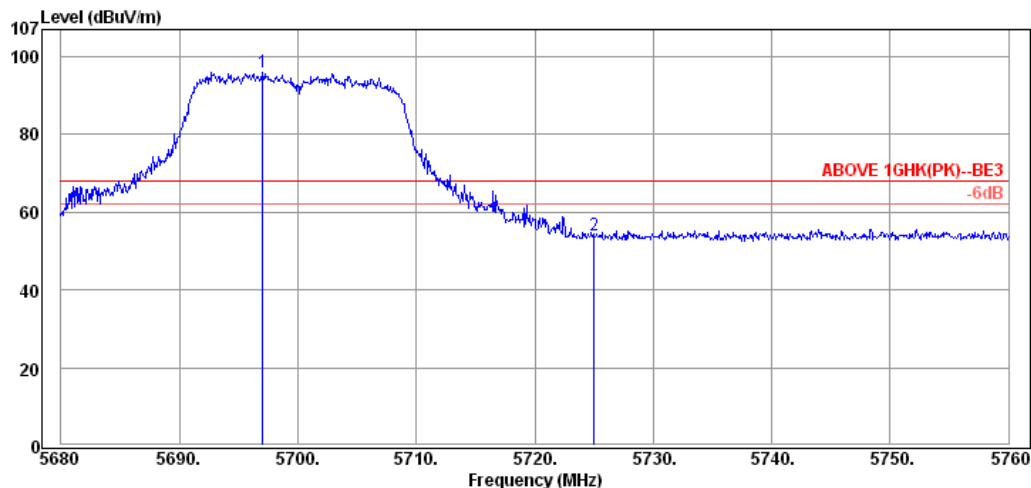
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	8.65	9.88	53.30	68.20	14.90	Peak
5507.80	34.80	8.73	49.19	92.72	---	---	Peak



Antenna at Vertical Polarization

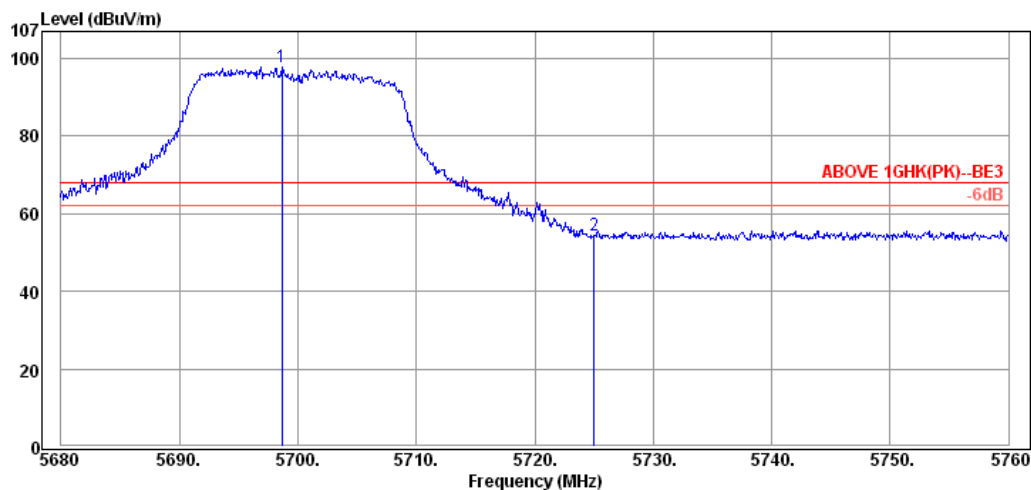
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.00	34.77	8.65	8.58	52.00	68.20	16.20	Peak
5498.00	34.80	8.73	52.27	95.80	---	---	Peak

Mode	802.11n-HT20	Frequency	TX 5700MHz
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Antenna at Horizontal Polarization

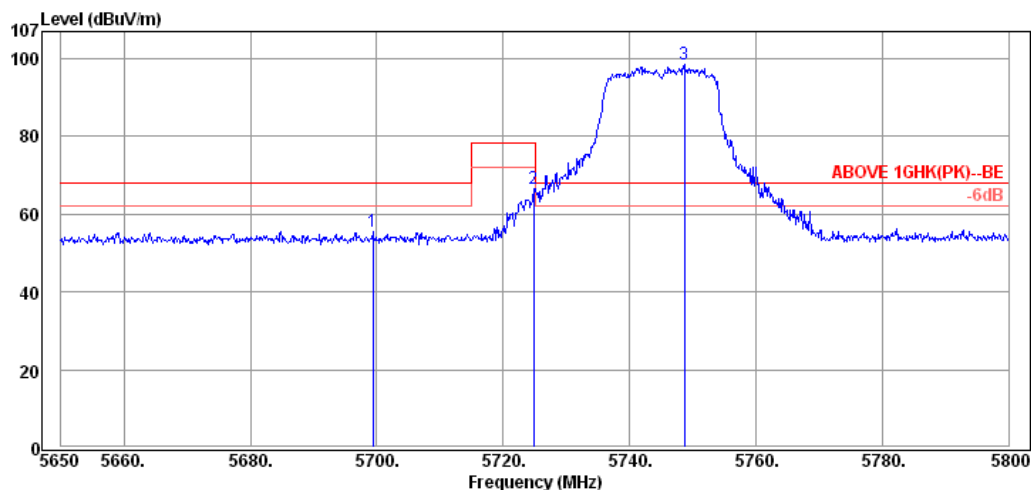
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5697.04	35.03	9.68	51.42	96.13	---	---	Peak
5725.04	35.07	9.78	9.15	54.00	68.20	14.20	Peak



Antenna at Vertical Polarization

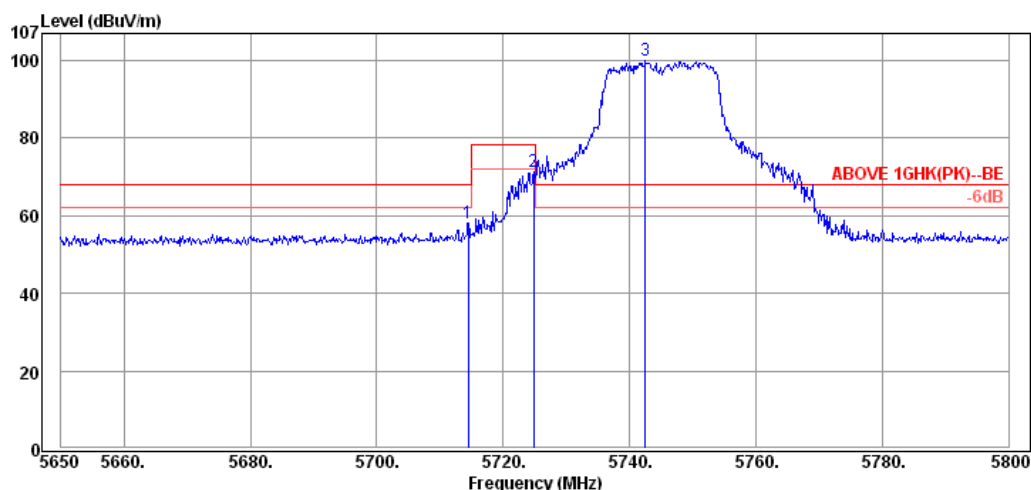
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5698.64	35.03	9.68	53.22	97.93	---	---	Peak
5725.04	35.07	9.78	9.59	54.44	68.20	13.76	Peak

Mode	802.11n-HT20	Frequency	TX 5745MHz
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Antenna at Horizontal Polarization

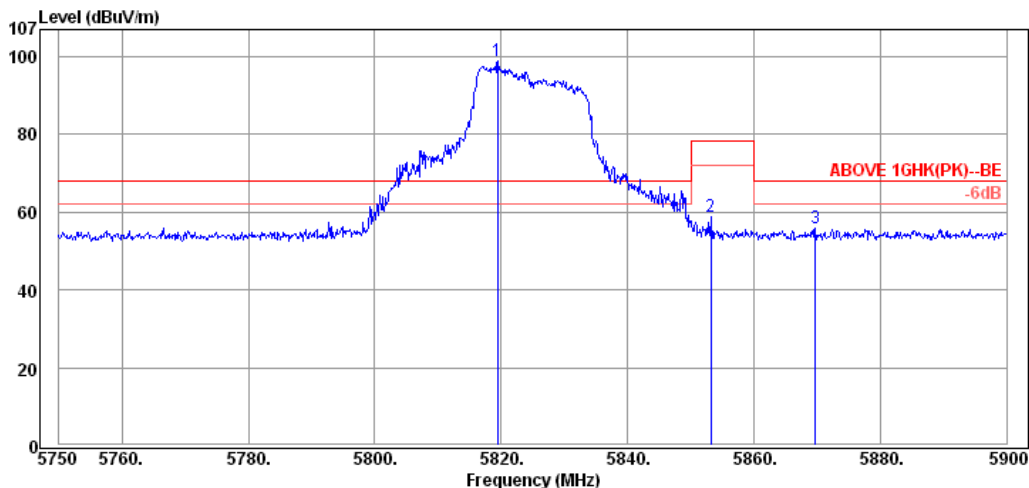
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5699.35	35.03	9.68	10.79	55.50	68.20	12.70	Peak
5724.85	35.07	9.78	21.81	66.66	78.20	11.54	Peak
5748.70	35.09	9.83	53.75	98.67	---	---	Peak



Antenna at Vertical Polarization

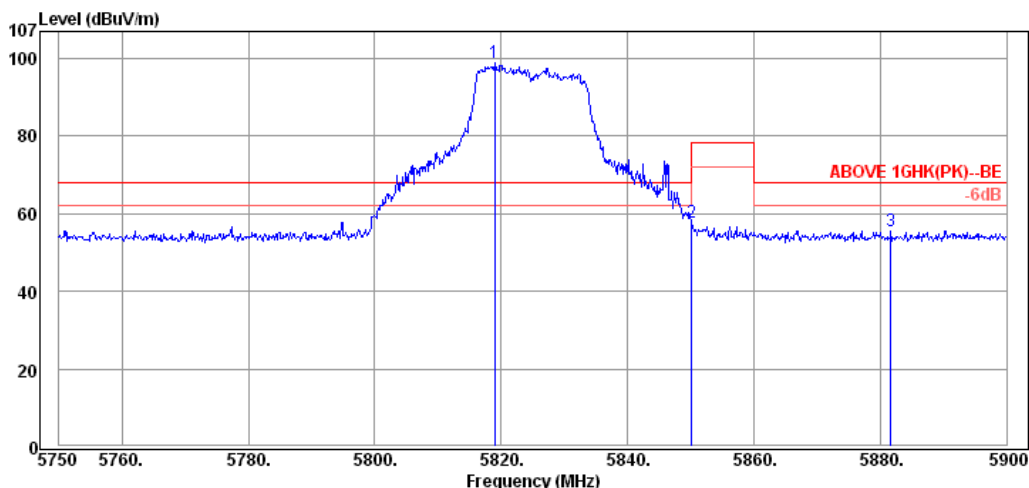
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.50	35.05	9.73	13.32	58.10	68.20	10.10	Peak
5724.85	35.07	9.78	26.34	71.19	78.20	7.01	Peak
5742.55	35.09	9.83	55.10	100.02	---	---	Peak

Mode	802.11n-HT20	Frequency	TX 5825MHz
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Antenna at Horizontal Polarization

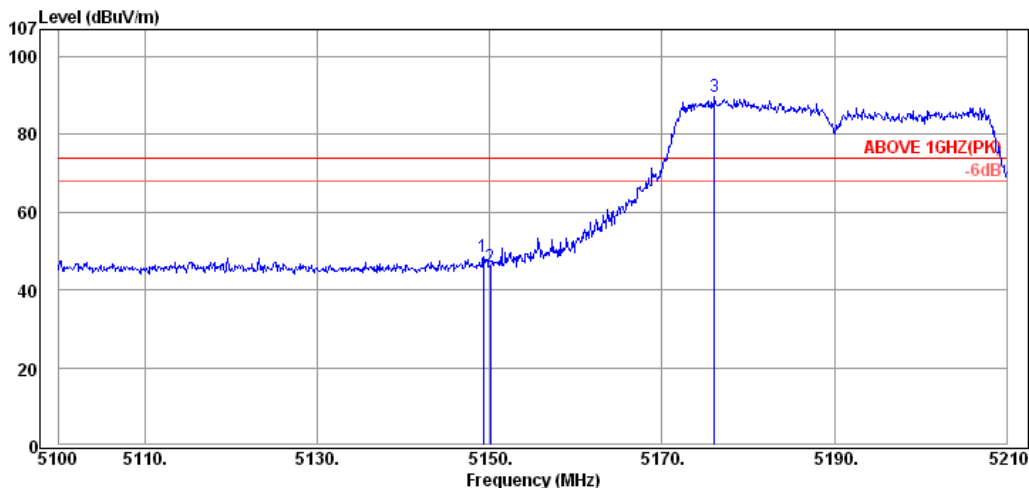
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5819.45	35.17	9.94	53.71	98.82	---	---	Peak
5853.20	35.21	9.86	13.68	58.75	78.20	19.45	Peak
5869.70	35.23	9.82	10.90	55.95	68.20	12.25	Peak



Antenna at Vertical Polarization

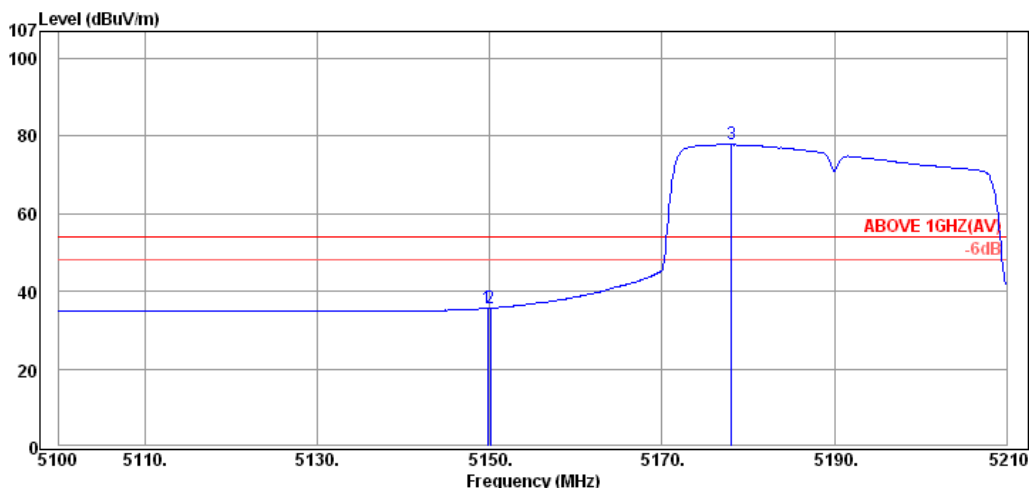
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5819.00	35.17	9.94	53.78	98.89	---	---	Peak
5850.20	35.21	9.86	12.62	57.69	78.20	20.51	Peak
5881.70	35.26	9.78	10.61	55.65	68.20	12.55	Peak

Mode	802.11n-HT40	Frequency	TX 5190MHz
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Antenna at Horizontal Polarization

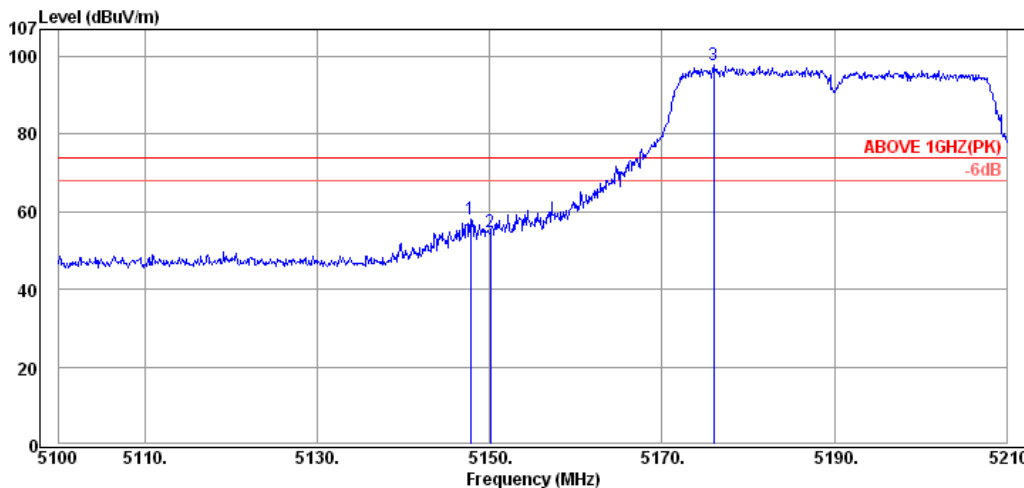
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.28	34.45	9.41	4.58	48.44	74.00	25.56	Peak
5150.05	34.45	9.41	2.18	46.04	74.00	27.96	Peak
5176.12	34.48	9.39	45.80	89.67	---	---	Peak



Antenna at Horizontal Polarization

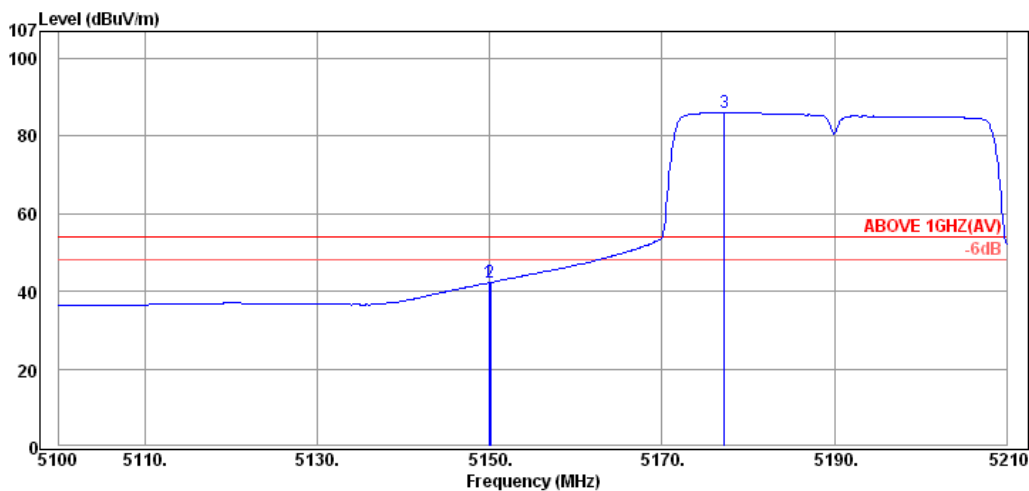
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.45	9.41	-8.23	35.63	54.00	18.37	Average
5150.05	34.45	9.41	-8.20	35.66	54.00	18.34	Average
5178.10	34.48	9.39	33.97	77.84	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5190MHz
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Antenna at Vertical Polarization

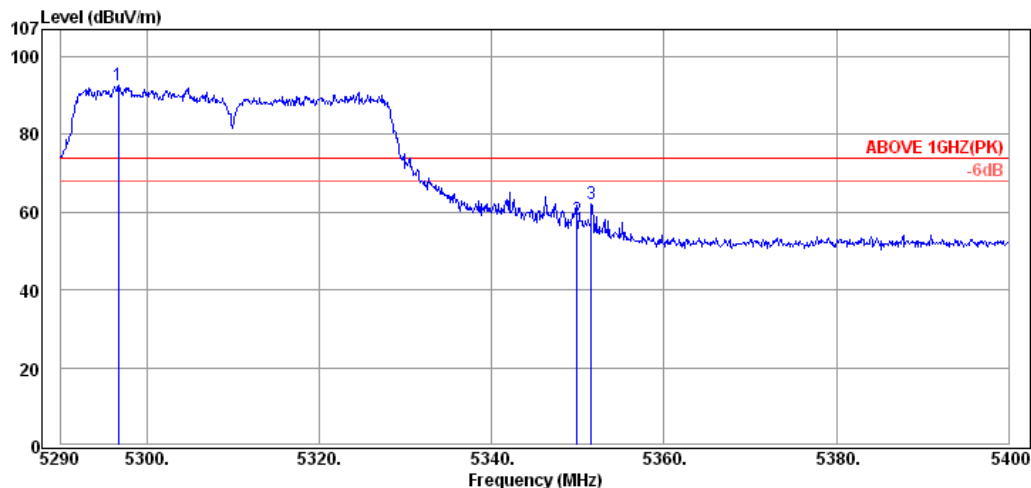
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.74	34.45	9.41	14.32	58.18	74.00	15.82	Peak
5150.05	34.45	9.41	10.86	54.72	74.00	19.28	Peak
5176.01	34.48	9.39	53.79	97.66	---	---	Peak



Antenna at Vertical Polarization

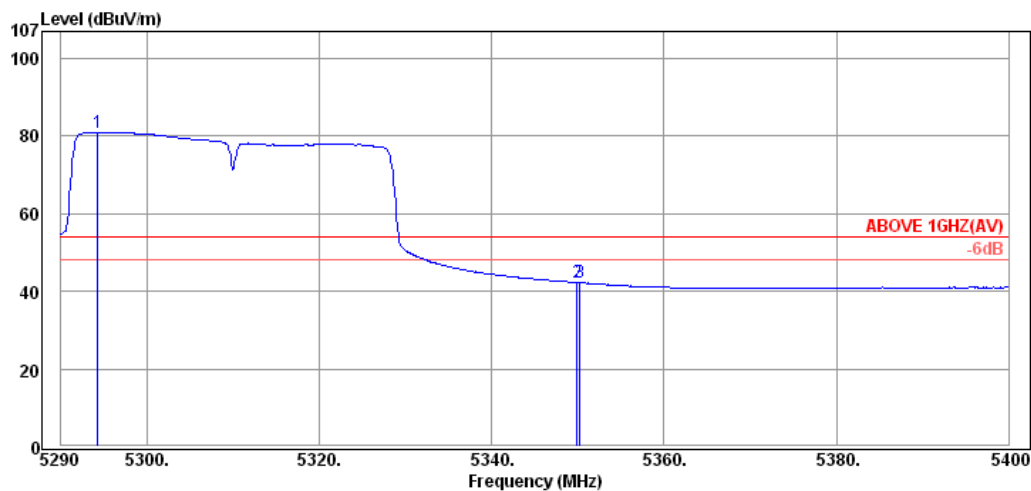
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.94	34.45	9.41	-1.59	42.27	54.00	11.73	Average
5150.05	34.45	9.41	-1.53	42.33	54.00	11.67	Average
5177.22	34.48	9.39	42.24	86.11	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5310MHz
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Antenna at Horizontal Polarization

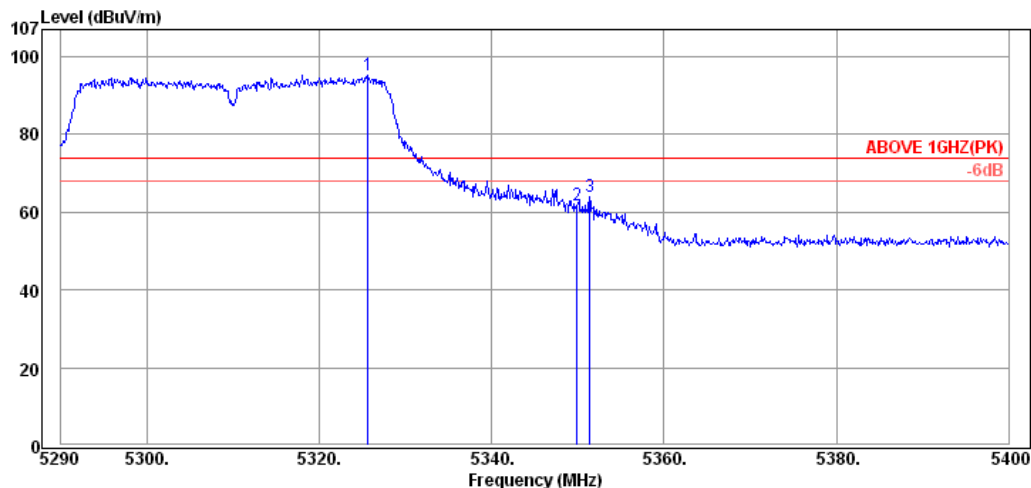
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5296.71	34.60	8.74	49.19	92.53	---	---	Peak
5349.95	34.65	8.61	14.83	58.09	74.00	15.91	Peak
5351.60	34.65	8.61	19.00	62.26	74.00	11.74	Peak



Antenna at Horizontal Polarization

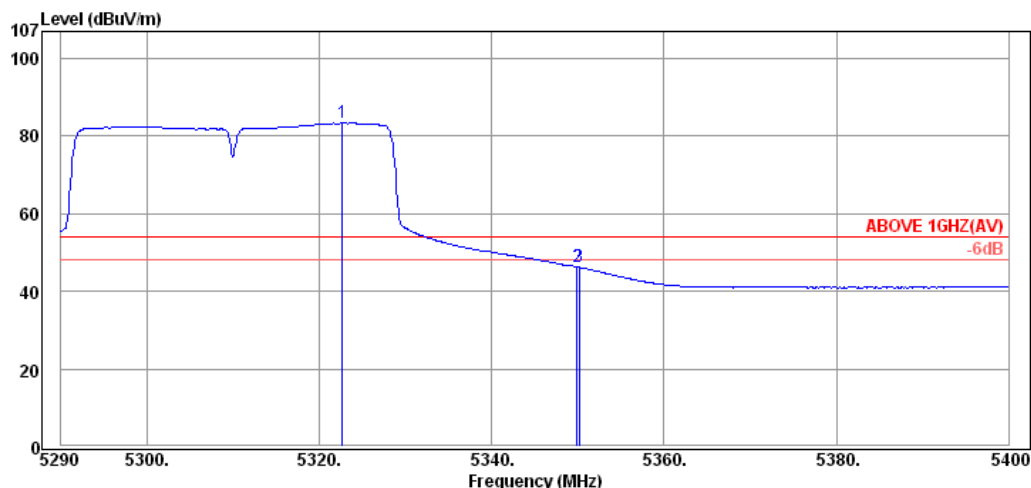
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5294.29	34.60	8.74	37.71	81.05	---	---	Average
5349.95	34.65	8.61	-0.99	42.27	54.00	11.73	Average
5350.28	34.65	8.61	-1.02	42.24	54.00	11.76	Average

Mode	802.11n-HT40	Frequency	TX 5310MHz
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Antenna at Vertical Polarization

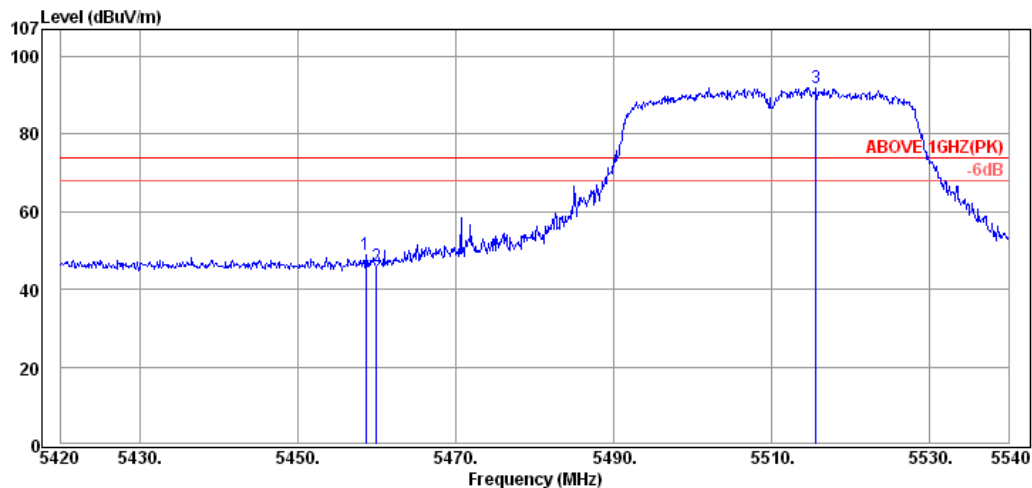
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5325.64	34.62	8.70	51.92	95.24	---	---	Peak
5349.95	34.65	8.61	18.52	61.78	74.00	12.22	Peak
5351.38	34.65	8.61	20.70	63.96	74.00	10.04	Peak



Antenna at Vertical Polarization

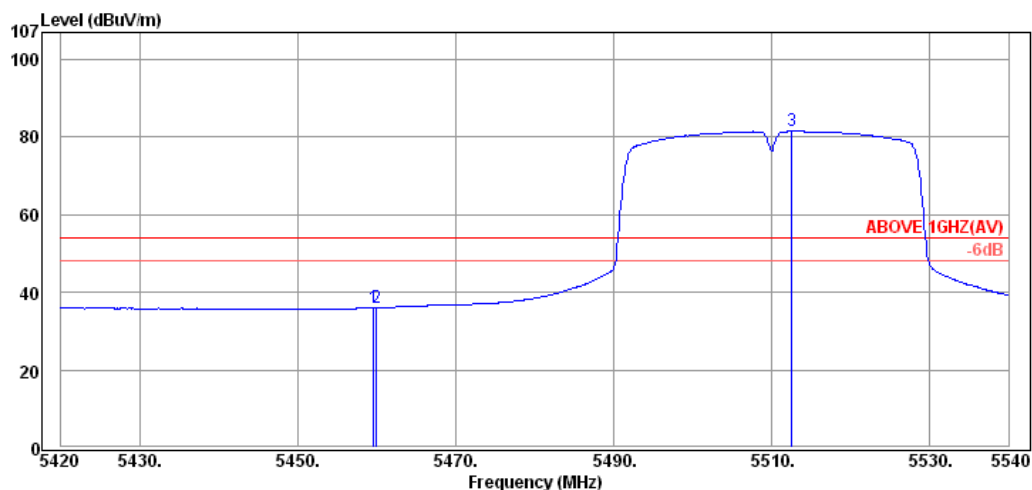
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5322.67	34.62	8.70	40.09	83.41	---	---	Average
5349.95	34.65	8.61	2.92	46.18	54.00	7.82	Average
5350.17	34.65	8.61	2.90	46.16	54.00	7.84	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Horizontal Polarization

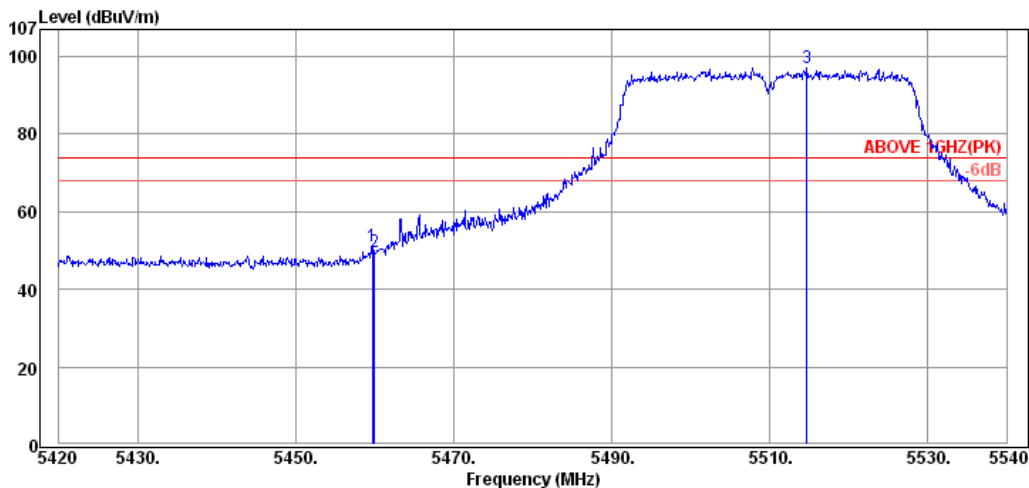
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.64	34.75	9.46	4.86	49.07	74.00	24.93	Peak
5459.96	34.75	9.46	1.83	46.04	74.00	27.96	Peak
5515.64	34.82	9.55	47.70	92.07	---	---	Peak



Antenna at Horizontal Polarization

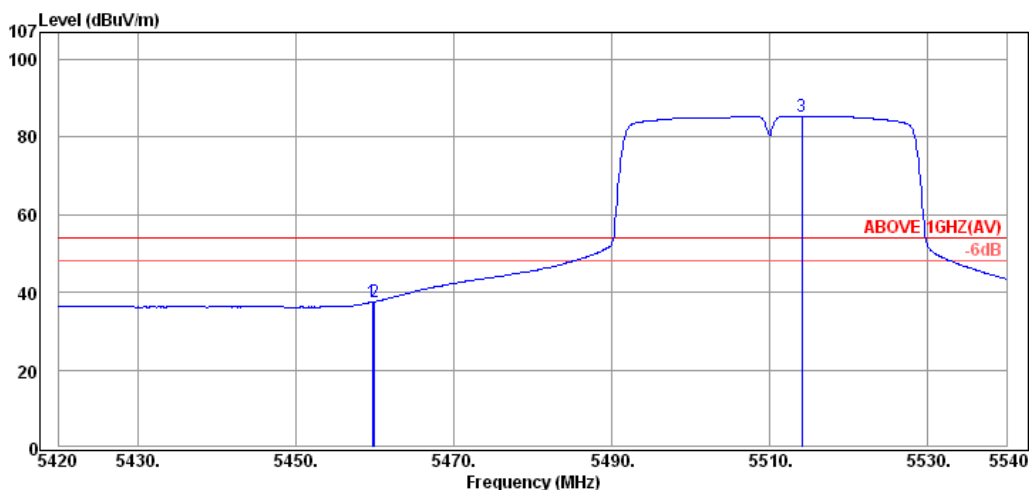
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.60	34.75	9.46	-8.20	36.01	54.00	17.99	Average
5459.96	34.75	9.46	-8.17	36.04	54.00	17.96	Average
5512.52	34.80	9.55	37.20	81.55	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Vertical Polarization

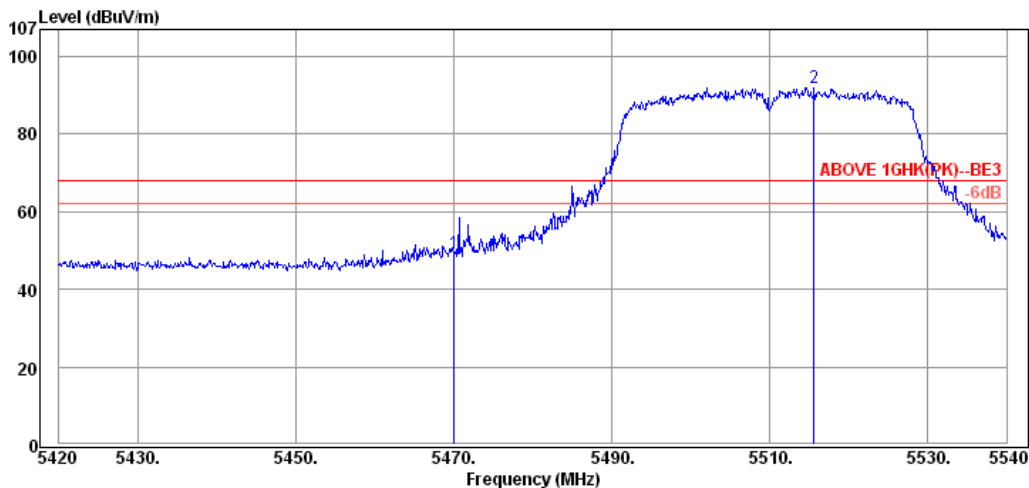
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.72	34.75	9.46	6.91	51.12	74.00	22.88	Peak
5459.96	34.75	9.46	5.42	49.63	74.00	24.37	Peak
5514.68	34.82	9.55	52.81	97.18	---	---	Peak



Antenna at Vertical Polarization

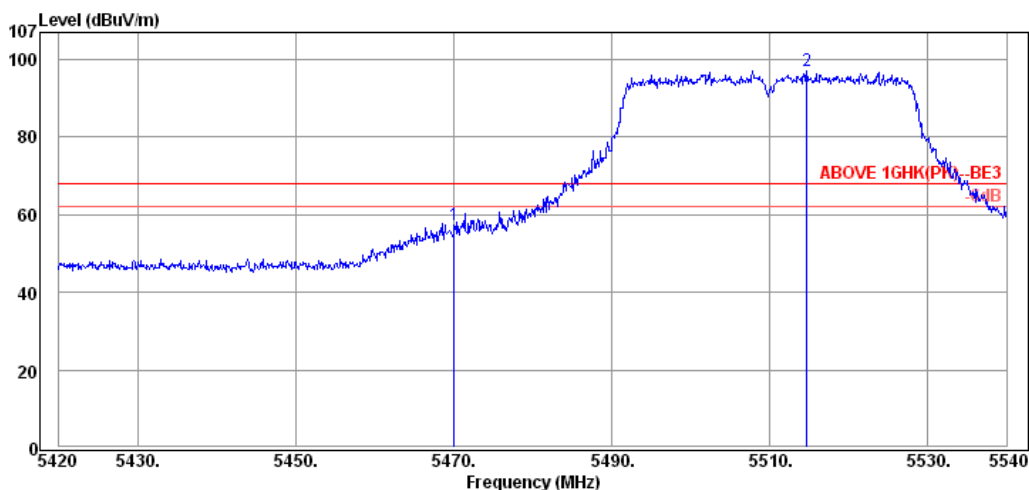
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.72	34.75	9.46	-6.67	37.54	54.00	16.46	Average
5459.96	34.75	9.46	-6.60	37.61	54.00	16.39	Average
5514.08	34.82	9.55	41.10	85.47	---	---	Average

Mode	802.11n-HT40	Frequency	TX 5510MHz
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Antenna at Horizontal Polarization

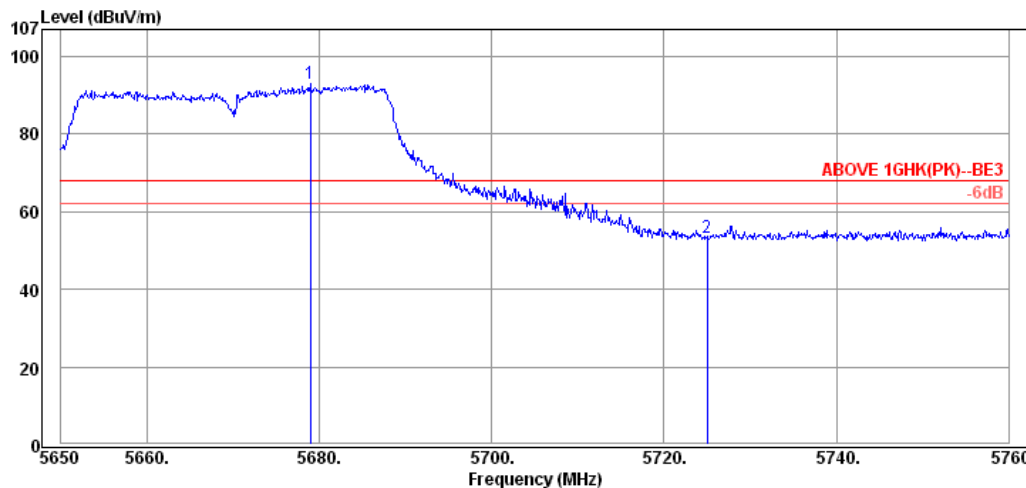
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.04	34.77	9.47	4.97	49.21	68.20	18.99	Peak
5515.64	34.82	9.55	47.70	92.07	---	---	Peak



Antenna at Vertical Polarization

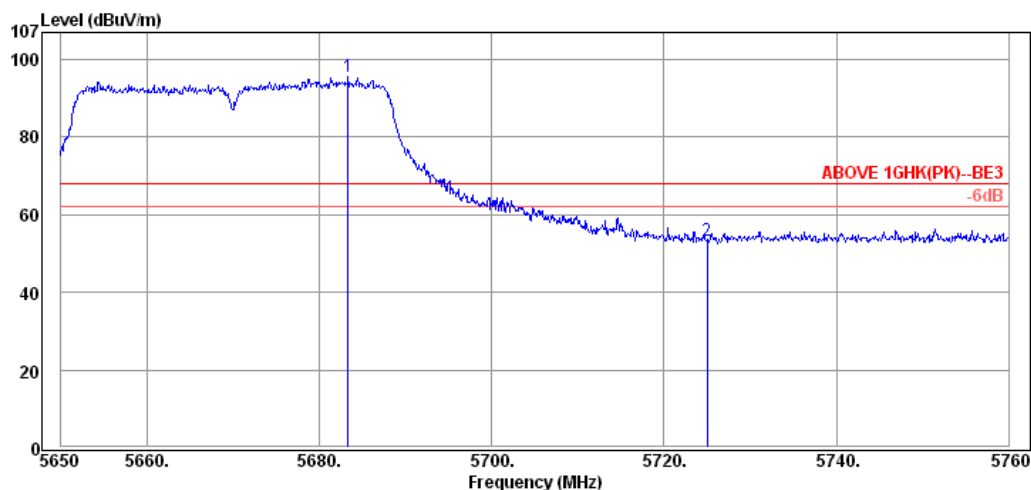
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5470.04	34.77	9.47	13.01	57.25	68.20	10.95	Peak
5514.68	34.82	9.55	52.81	97.18	---	---	Peak

Mode	802.11n-HT40	Frequency	TX 5670MHz
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Antenna at Horizontal Polarization

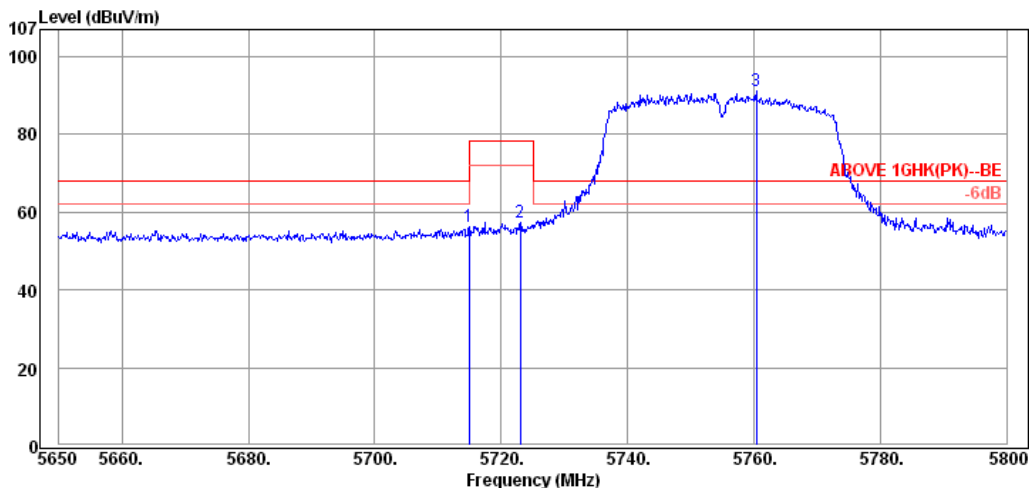
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5678.93	35.01	9.57	48.46	93.04	---	---	Peak
5725.02	35.07	9.78	8.61	53.46	68.20	14.74	Peak



Antenna at Vertical Polarization

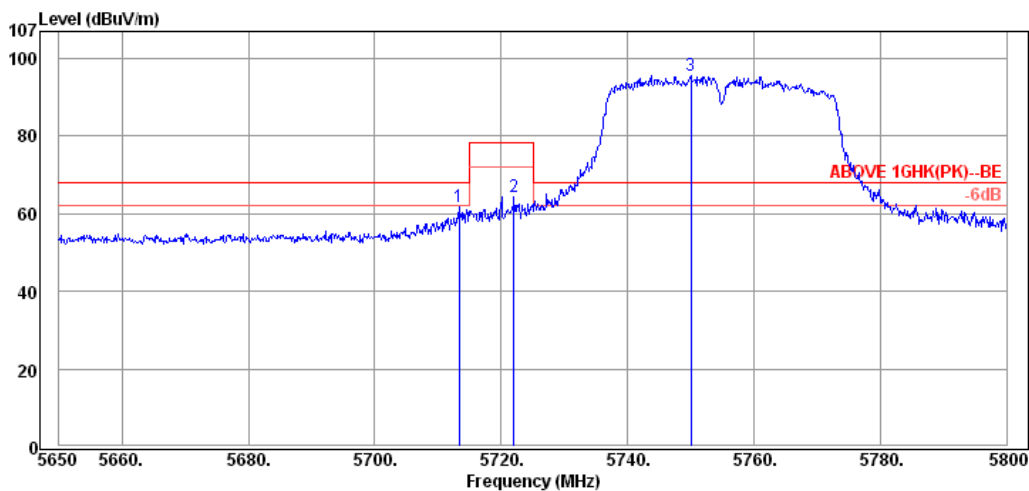
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5683.33	35.01	9.57	51.12	95.70	---	---	Peak
5725.02	35.07	9.78	8.56	53.41	68.20	14.79	Peak

Mode	802.11n-HT40	Frequency	TX 5755MHz
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Antenna at Horizontal Polarization

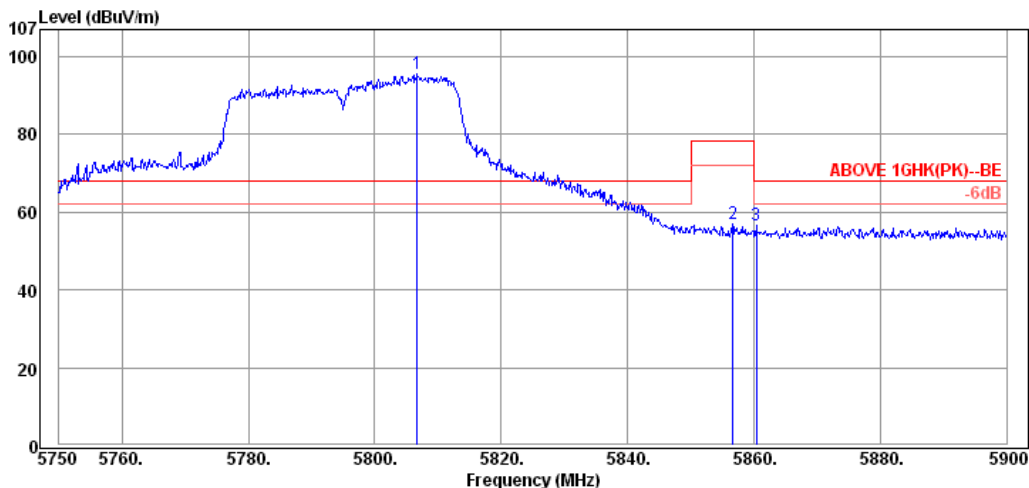
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.95	35.05	9.73	11.52	56.30	68.20	11.90	Peak
5723.05	35.07	9.78	12.47	57.32	78.20	20.88	Peak
5760.40	35.11	9.88	46.13	91.12	---	---	Peak



Antenna at Vertical Polarization

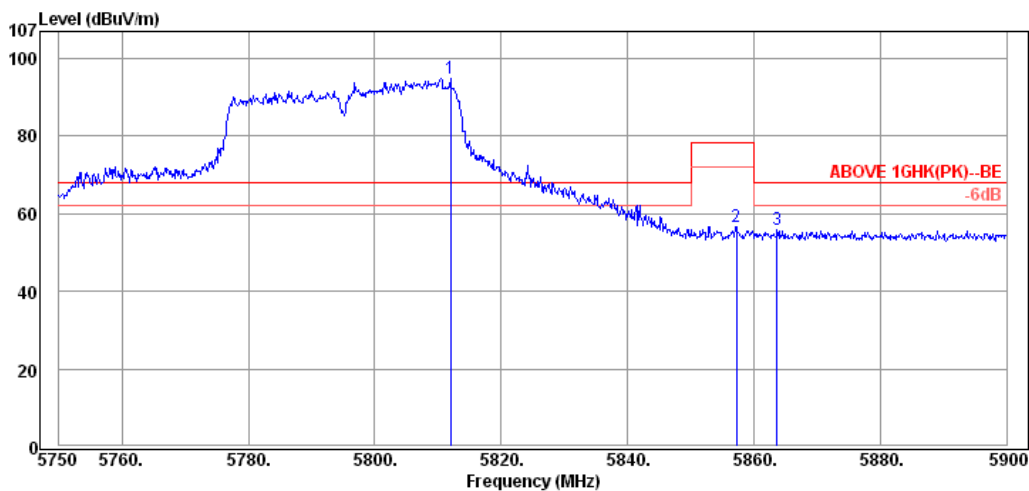
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5713.30	35.05	9.73	16.99	61.77	68.20	6.43	Peak
5722.00	35.07	9.78	19.60	64.45	78.20	13.75	Peak
5750.05	35.09	9.83	50.61	95.53	---	---	Peak

Mode	802.11n-HT40	Frequency	TX 5795MHz
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Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5806.70	35.17	9.94	50.61	95.72	---	---	Peak
5856.65	35.23	9.82	11.94	56.99	78.20	21.21	Peak
5860.40	35.23	9.82	11.63	56.68	68.20	11.52	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5811.95	35.17	9.94	49.83	94.94	---	---	Peak
5857.25	35.23	9.82	11.75	56.80	78.20	21.40	Peak
5863.70	35.23	9.82	10.72	55.77	68.20	12.43	Peak

6.5.2. Emissions outside the frequency band:

The emissions (up to 40GHz) not reported for there is no emission be found.

Antenna #1: ACM3-5036-A1-CC-S (Integrated Antenna)

Mode	802.11a	UNII Band	I
		Frequency	TX 5180MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10370.00	37.59	12.49	-5.00	45.08	54.00	8.92	Average
10370.00	37.59	12.49	4.10	54.18	74.00	19.82	Peak
15540.00	39.96	16.23	-2.77	53.42	74.00	20.58	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10350.00	37.58	12.48	-1.67	48.39	54.00	5.61	Peak
15550.00	39.99	16.20	-9.81	46.38	54.00	7.62	Average
15550.00	39.99	16.20	-0.81	55.38	74.00	18.62	Peak

Mode	802.11a	UNII Band	II-2A
		Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.70	12.56	-4.50	45.76	54.00	8.24	Average
10520.00	37.70	12.56	5.58	55.84	74.00	18.16	Peak
15780.00	40.40	15.86	-11.20	45.06	54.00	8.94	Average
15780.00	40.40	15.86	-2.20	54.06	74.00	19.94	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.70	12.56	2.25	52.51	54.00	1.49	Peak
15800.00	40.46	15.80	-9.74	46.52	54.00	7.48	Average
15800.00	40.46	15.80	-0.74	55.52	74.00	18.48	Peak

Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	2.08	52.86	54.00	1.14	Peak
16740.00	41.65	15.58	-4.68	52.55	54.00	1.45	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-17.09	33.69	54.00	20.31	Average
11160.00	38.03	12.75	-3.64	47.14	74.00	26.86	Peak
16470.00	41.55	15.55	-16.98	40.12	54.00	13.88	Average
16470.00	41.55	15.55	-1.86	55.24	74.00	18.76	Peak

Mode	802.11a	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-3.21	48.03	54.00	5.97	Average
11570.00	38.56	12.68	6.83	58.07	74.00	15.93	Peak
17350.00	41.21	16.10	-9.34	47.97	54.00	6.03	Average
17350.00	41.21	16.10	-0.34	56.97	74.00	17.03	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11570.00	38.56	12.68	1.48	52.72	54.00	1.28	Peak
17370.00	41.19	16.13	-5.01	52.31	54.00	1.69	Average
17370.00	41.19	16.13	4.06	61.38	74.00	12.62	Peak

Mode	802.11n-HT20	UNII Band	I
		Frequency	TX 5200MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10400.00	37.62	12.50	-5.70	44.42	54.00	9.58	Average
10400.00	37.62	12.50	4.37	54.49	74.00	19.51	Peak
15600.00	40.09	16.12	-11.92	44.29	54.00	9.71	Average
15600.00	40.09	16.12	-1.92	54.29	74.00	19.71	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10420.00	37.63	12.51	-1.78	48.36	54.00	5.64	Peak
15600.00	40.09	16.12	-11.14	45.07	54.00	8.93	Average
15600.00	40.09	16.12	-1.14	55.07	74.00	18.93	Peak

Mode	802.11n-HT20	UNII Band	II-2A
		Frequency	TX 5320MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10630.00	37.72	12.60	-2.33	47.99	54.00	6.01	Peak
15960.00	40.74	15.56	-3.40	52.90	54.00	1.10	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10630.00	37.72	12.60	-2.58	47.74	54.00	6.26	Peak
15960.00	40.74	15.56	-3.71	52.59	54.00	1.41	Peak

Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-16.37	34.41	54.00	19.59	Average
11160.00	38.03	12.75	-3.23	47.55	74.00	26.45	Peak
16740.00	41.65	15.58	-16.41	40.82	54.00	13.18	Average
16740.00	41.65	15.58	-3.05	54.18	74.00	19.82	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-17.61	33.17	54.00	20.83	Average
11160.00	38.03	12.75	-3.31	47.47	74.00	26.53	Peak
16740.00	41.65	15.58	-15.12	42.11	54.00	11.89	Average
16740.00	41.65	15.58	-2.63	54.60	74.00	19.40	Peak

Mode	802.11n-HT20	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	1.36	52.60	54.00	1.40	Peak
17350.00	41.21	16.10	-11.77	45.54	54.00	8.46	Average
17350.00	41.21	16.10	-0.77	56.54	74.00	17.46	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-3.68	47.56	54.00	6.44	Peak
17350.00	41.21	16.10	-10.00	47.31	54.00	6.69	Average
17350.00	41.21	16.10	1.06	58.37	74.00	15.63	Peak

Mode	802.11n-HT40	UNII Band	I
		Frequency	TX 5230MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10450.00	37.66	12.53	3.76	53.95	54.00	0.05	Peak
15690.00	40.24	15.99	-2.27	53.96	54.00	0.04	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10450.00	37.66	12.53	0.68	50.87	54.00	3.13	Peak
15690.00	40.24	15.99	-13.13	43.10	54.00	10.90	Average
15690.00	40.24	15.99	-2.13	54.10	74.00	19.90	Peak

Mode	802.11n-HT40	UNII Band	II-2A
		Frequency	TX 5270MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.70	12.56	-4.50	45.76	54.00	8.24	Average
10520.00	37.70	12.56	5.58	55.84	74.00	18.16	Peak
15780.00	40.40	15.86	-11.20	45.06	54.00	8.94	Average
15780.00	40.40	15.86	-2.20	54.06	74.00	19.94	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10540.00	37.71	12.56	-3.30	46.97	54.00	7.03	Peak
15800.00	40.46	15.80	-11.84	44.42	54.00	9.58	Average
15800.00	40.46	15.80	-1.84	54.42	74.00	19.58	Peak

Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5550MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11100.00	37.94	12.76	-13.65	37.05	54.00	16.95	Average
11100.00	37.94	12.76	-3.11	47.59	74.00	26.41	Peak
16650.00	41.63	15.57	-13.19	44.01	54.00	9.99	Average
16650.00	41.63	15.57	-2.84	54.36	74.00	19.64	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11100.00	37.94	12.76	-10.17	40.53	54.00	13.47	Average
11100.00	37.94	12.76	-0.53	50.17	74.00	23.83	Peak
16650.00	41.63	15.57	-13.09	44.11	54.00	9.89	Average
16650.00	41.63	15.57	-2.51	54.69	74.00	19.31	Peak

Mode	802.11n-HT40	UNII Band	III
		Frequency	TX 5795MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11620.00	38.60	12.67	0.40	51.67	54.00	2.33	Peak
17400.00	41.14	16.17	-10.29	47.02	54.00	6.98	Average
17400.00	41.14	16.17	-0.29	57.02	74.00	16.98	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11580.00	38.56	12.68	-1.55	49.69	54.00	4.31	Peak
17400.00	41.14	16.17	-8.20	49.11	54.00	4.89	Average
17400.00	41.14	16.17	1.83	59.14	74.00	14.86	Peak

Antenna #2: ACM3-5036-A1-CC-S (FX-ANT-A8)

Mode	802.11a	UNII Band	I
		Frequency	TX 5180MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10350.00	37.58	12.48	-0.10	49.96	54.00	4.04	Average
10350.00	37.58	12.48	8.92	58.98	74.00	15.02	Peak
15540.00	39.96	16.23	-2.52	53.67	54.00	0.33	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10370.00	37.59	12.49	0.82	50.90	54.00	3.10	Peak
15540.00	39.96	16.23	-2.50	53.69	54.00	0.31	Peak

Mode	802.11a	UNII Band	II-2A
		Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.70	12.56	-2.80	47.46	54.00	6.54	Average
10520.00	37.70	12.56	6.29	56.55	74.00	17.45	Peak
15780.00	40.40	15.86	-2.66	53.60	54.00	0.40	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.70	12.56	0.71	50.97	54.00	3.03	Peak
15780.00	40.40	15.86	-2.84	53.42	54.00	0.58	Peak

Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-15.39	35.39	54.00	18.61	Average
11160.00	38.03	12.75	-2.58	48.20	74.00	25.80	Peak
16750.00	41.65	15.58	-8.39	48.84	54.00	5.16	Average
16750.00	41.65	15.58	5.09	62.32	74.00	11.68	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-13.11	37.67	54.00	16.33	Average
11160.00	38.03	12.75	0.20	50.98	74.00	23.02	Peak
16750.00	41.65	15.58	-6.91	50.32	54.00	3.68	Average
16750.00	41.65	15.58	5.48	62.71	74.00	11.29	Peak

Mode	802.11a	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	0.73	51.97	54.00	2.03	Peak
17350.00	41.21	16.10	-9.59	47.72	54.00	6.28	Average
17350.00	41.21	16.10	-0.59	56.72	74.00	17.28	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-0.19	51.05	54.00	2.95	Peak
17350.00	41.21	16.10	-6.70	50.61	54.00	3.39	Average
17350.00	41.21	16.10	2.33	59.64	74.00	14.36	Peak

Mode	802.11n-HT20	UNII Band	I
		Frequency	TX 5200MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10400.00	37.62	12.50	-3.00	47.12	54.00	6.88	Average
10400.00	37.62	12.50	6.99	57.11	74.00	16.89	Peak
15600.00	40.09	16.12	-11.27	44.94	54.00	9.06	Average
15600.00	40.09	16.12	-1.27	54.94	74.00	19.06	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10400.00	37.62	12.50	1.11	51.23	54.00	2.77	Peak
15600.00	40.09	16.12	-10.88	45.33	54.00	8.67	Average
15600.00	40.09	16.12	-0.88	55.33	74.00	18.67	Peak

Mode	802.11n-HT20	UNII Band	II-2A
		Frequency	TX 5320MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10640.00	37.73	12.61	-2.96	47.38	54.00	6.62	Peak
15960.00	40.74	15.56	-3.07	53.23	54.00	0.77	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10650.00	37.73	12.62	-2.48	47.87	54.00	6.13	Peak
15960.00	40.74	15.56	-3.78	52.52	54.00	1.48	Peak

Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-15.71	35.07	54.00	18.93	Average
11160.00	38.03	12.75	-2.92	47.86	74.00	26.14	Peak
16740.00	41.65	15.58	-14.31	42.92	54.00	11.08	Average
16740.00	41.65	15.58	-1.74	55.49	74.00	18.51	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11200.00	38.08	12.74	-3.45	47.37	54.00	6.63	Peak
16800.00	41.66	15.58	-11.10	46.14	54.00	7.86	Average
16800.00	41.66	15.58	-0.10	57.14	74.00	16.86	Peak

Mode	802.11n-HT20	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-2.19	49.05	54.00	4.95	Peak
17350.00	41.21	16.10	-11.15	46.16	54.00	7.84	Average
17350.00	41.21	16.10	-0.15	57.16	74.00	16.84	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-2.35	48.89	54.00	5.11	Peak
17360.00	41.21	16.10	-12.28	45.03	54.00	8.97	Average
17360.00	41.21	16.10	-1.28	56.03	74.00	17.97	Peak

Mode	802.11n-HT40	UNII Band	I
		Frequency	TX 5230MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10430.00	37.65	12.52	0.09	50.26	54.00	3.74	Average
10430.00	37.65	12.52	10.11	60.28	74.00	13.72	Peak
15690.00	40.24	15.99	-11.64	44.59	54.00	9.41	Average
15690.00	40.24	15.99	-1.64	54.59	74.00	19.41	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10470.00	37.67	12.53	3.08	53.28	54.00	0.72	Peak
15700.00	40.27	15.96	-9.70	46.53	54.00	7.47	Average
15700.00	40.27	15.96	0.35	56.58	74.00	17.42	Peak

Mode	802.11n-HT40	UNII Band	II-2A
		Frequency	TX 5270MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10550.00	37.71	12.57	-1.58	48.70	54.00	5.30	Peak
15800.00	40.46	15.80	-11.77	44.49	54.00	9.51	Average
15800.00	40.46	15.80	-1.77	54.49	74.00	19.51	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10530.00	37.71	12.56	-2.40	47.87	54.00	6.13	Peak
15810.00	40.46	15.80	-3.00	53.26	54.00	0.74	Peak

Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5550MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11100.00	37.94	12.76	-12.85	37.85	54.00	16.15	Average
11100.00	37.94	12.76	-2.11	48.59	74.00	25.41	Peak
16650.00	41.63	15.57	-12.71	44.49	54.00	9.51	Average
16650.00	41.63	15.57	-1.95	55.25	74.00	18.75	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11100.00	37.94	12.76	-13.07	37.63	54.00	16.37	Average
11100.00	37.94	12.76	-3.56	47.14	74.00	26.86	Peak
16650.00	41.63	15.57	-13.97	43.23	54.00	10.77	Average
16650.00	41.63	15.57	-2.04	55.16	74.00	18.84	Peak

Mode	802.11n-HT40	UNII Band	III
		Frequency	TX 5795MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11590.00	38.57	12.67	-1.93	49.31	54.00	4.69	Peak
17400.00	41.14	16.17	-9.70	47.61	54.00	6.39	Average
17400.00	41.14	16.17	0.32	57.63	74.00	16.37	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11590.00	38.57	12.67	-2.33	48.91	54.00	5.09	Peak
17400.00	41.14	16.17	-11.67	45.64	54.00	8.36	Average
17400.00	41.14	16.17	-1.67	55.64	74.00	18.36	Peak

Antenna #3: ANTDP-048A

Mode	802.11a	UNII Band	I
		Frequency	TX 5180MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10370.00	37.59	12.49	-1.70	48.38	54.00	5.62	Average
10370.00	37.59	12.49	7.34	57.42	74.00	16.58	Peak
15540.00	39.96	16.23	-11.17	45.02	54.00	8.98	Average
15540.00	39.96	16.23	-2.17	54.02	74.00	19.98	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10350.00	37.58	12.48	1.96	52.02	54.00	1.98	Average
10350.00	37.58	12.48	10.96	61.02	74.00	12.98	Peak
15550.00	39.99	16.20	-10.33	45.86	54.00	8.14	Average
15550.00	39.99	16.20	-1.33	54.86	74.00	19.14	Peak

Mode	802.11a	UNII Band	II-2A
		Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10530.00	37.71	12.56	2.73	53.00	54.00	1.00	Peak
15780.00	40.40	15.86	-9.78	46.48	54.00	7.52	Average
15780.00	40.40	15.86	-0.78	55.48	74.00	18.52	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.70	12.56	0.58	50.84	54.00	3.16	Average
10520.00	37.70	12.56	9.58	59.84	74.00	14.16	Peak
15780.00	40.40	15.86	-9.77	46.49	54.00	7.51	Average
15780.00	40.40	15.86	-0.77	55.49	74.00	18.51	Peak

Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-12.31	38.47	54.00	15.53	Average
11160.00	38.03	12.75	2.01	52.79	74.00	21.21	Peak
16740.00	41.65	15.58	-12.31	44.92	54.00	9.08	Average
16740.00	41.65	15.58	-0.34	56.89	74.00	17.11	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-7.05	43.73	54.00	10.27	Average
11160.00	38.03	12.75	5.68	56.46	74.00	17.54	Peak
16740.00	41.65	15.58	-12.31	44.92	54.00	9.08	Average
16740.00	41.65	15.58	-1.64	55.59	74.00	18.41	Peak

Mode	802.11a	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-1.41	49.83	54.00	4.17	Peak
17360.00	41.21	16.10	-10.08	47.23	54.00	6.77	Average
17360.00	41.21	16.10	-1.08	56.23	74.00	17.77	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-0.96	50.28	54.00	3.72	Peak
17360.00	41.21	16.10	-10.07	47.24	54.00	6.76	Average
17360.00	41.21	16.10	-1.07	56.24	74.00	17.76	Peak

Mode	802.11n-HT20	UNII Band	I
		Frequency	TX 5200MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10400.00	37.62	12.50	-3.60	46.52	54.00	7.48	Average
10400.00	37.62	12.50	6.46	56.58	74.00	17.42	Peak
15600.00	40.09	16.12	-11.67	44.54	54.00	9.46	Average
15600.00	40.09	16.12	-1.67	54.54	74.00	19.46	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10400.00	37.62	12.50	-3.60	46.52	54.00	7.48	Average
10400.00	37.62	12.50	6.33	56.45	74.00	17.55	Peak
15600.00	40.09	16.12	-10.40	45.81	54.00	8.19	Average
15600.00	40.09	16.12	-0.40	55.81	74.00	18.19	Peak

Mode	802.11n-HT20	UNII Band	II-2A
		Frequency	TX 5320MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10630.00	37.72	12.60	0.65	50.97	54.00	3.03	Peak
15960.00	40.74	15.56	-2.87	53.43	54.00	0.57	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10650.00	37.73	12.62	-1.17	49.18	54.00	4.82	Peak
15960.00	40.74	15.56	-2.73	53.57	54.00	0.43	Peak

Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-15.39	35.39	54.00	18.61	Average
11160.00	38.03	12.75	-2.86	47.92	74.00	26.08	Peak
16740.00	41.65	15.58	-17.21	40.02	54.00	13.98	Average
16740.00	41.65	15.58	-1.74	55.49	74.00	18.51	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-15.39	35.39	54.00	18.61	Average
11160.00	38.03	12.75	-2.63	48.15	74.00	25.85	Peak
16740.00	41.65	15.58	-16.47	40.76	54.00	13.24	Average
16740.00	41.65	15.58	-2.43	54.80	74.00	19.20	Peak

Mode	802.11n-HT20	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-2.72	48.52	54.00	5.48	Peak
17360.00	41.21	16.10	-12.21	45.10	54.00	8.90	Average
17360.00	41.21	16.10	-1.21	56.10	74.00	17.90	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-2.80	48.44	54.00	5.56	Peak
17360.00	41.21	16.10	-12.44	44.87	54.00	9.13	Average
17360.00	41.21	16.10	-1.44	55.87	74.00	18.13	Peak

Mode	802.11n-HT40	UNII Band	I
		Frequency	TX 5230MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.69	12.54	-2.80	47.43	54.00	6.57	Average
10480.00	37.69	12.54	7.27	57.50	74.00	16.50	Peak
15690.00	40.24	15.99	-2.26	53.97	54.00	0.03	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10470.00	37.67	12.53	0.11	50.31	54.00	3.69	Average
10470.00	37.67	12.53	10.44	60.64	74.00	13.36	Peak
15700.00	40.27	15.96	-10.00	46.23	54.00	7.77	Average
15700.00	40.27	15.96	0.07	56.30	74.00	17.70	Peak

Mode	802.11n-HT40	UNII Band	II-2A
		Frequency	TX 5270MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10540.00	37.71	12.56	-2.52	47.75	54.00	6.25	Peak
15830.00	40.49	15.78	-12.16	44.11	54.00	9.89	Average
15830.00	40.49	15.78	-2.16	54.11	74.00	19.89	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10530.00	37.71	12.56	-0.42	49.85	54.00	4.15	Peak
15830.00	40.49	15.78	-11.96	44.31	54.00	9.69	Average
15830.00	40.49	15.78	-1.96	54.31	74.00	19.69	Peak

Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5550MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11110.00	37.96	12.76	-16.31	34.41	54.00	19.59	Average
11110.00	37.96	12.76	-3.09	47.63	74.00	26.37	Peak
16650.00	41.63	15.57	-14.73	42.47	54.00	11.53	Average
16650.00	41.63	15.57	-1.72	55.48	74.00	18.52	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11110.00	37.96	12.76	-16.37	34.35	54.00	19.65	Average
11110.00	37.96	12.76	-3.05	47.67	74.00	26.33	Peak
16650.00	41.63	15.57	-16.50	40.70	54.00	13.30	Average
16650.00	41.63	15.57	-1.98	55.22	74.00	18.78	Peak

Mode	802.11n-HT40	UNII Band	III
		Frequency	TX 5795MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11590.00	38.57	12.67	-2.73	48.51	54.00	5.49	Peak
17370.00	41.19	16.13	-10.51	46.81	54.00	7.19	Average
17370.00	41.19	16.13	-0.51	56.81	74.00	17.19	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11580.00	38.56	12.68	-1.46	49.78	54.00	4.22	Peak
17400.00	41.14	16.17	-9.90	47.41	54.00	6.59	Average
17400.00	41.14	16.17	0.10	57.41	74.00	16.59	Peak

Antenna #4: MR-6000

Mode	802.11a	UNII Band	I
		Frequency	TX 5180MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10370.00	37.59	12.49	-2.10	47.98	54.00	6.02	Average
10370.00	37.59	12.49	6.93	57.01	74.00	16.99	Peak
15550.00	39.99	16.20	-10.23	45.96	54.00	8.04	Average
15550.00	39.99	16.20	-1.23	54.96	74.00	19.04	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10370.00	37.59	12.49	2.61	52.69	54.00	1.31	Peak
15530.00	39.96	16.23	-9.34	46.85	54.00	7.15	Average
15530.00	39.96	16.23	-0.34	55.85	74.00	18.15	Peak

Mode	802.11a	UNII Band	II-2A
		Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10530.00	37.71	12.56	0.07	50.34	54.00	3.66	Average
10530.00	37.71	12.56	9.07	59.34	74.00	14.66	Peak
15780.00	40.40	15.86	-9.10	47.16	54.00	6.84	Average
15780.00	40.40	15.86	-0.10	56.16	74.00	17.84	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10530.00	37.71	12.56	-2.30	47.97	54.00	6.03	Average
10530.00	37.71	12.56	6.58	56.85	74.00	17.15	Peak
15780.00	40.40	15.86	-7.81	48.45	54.00	5.55	Average
15780.00	40.40	15.86	1.26	57.52	74.00	16.48	Peak

Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	0.37	51.15	54.00	2.85	Average
11160.00	38.03	12.75	5.81	56.59	74.00	17.41	Peak
16750.00	41.65	15.58	-6.41	50.82	54.00	3.18	Average
16750.00	41.65	15.58	3.57	60.80	74.00	13.20	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-8.31	42.47	54.00	11.53	Average
11160.00	38.03	12.75	1.27	52.05	74.00	21.95	Peak
16740.00	41.65	15.58	-8.91	48.32	54.00	5.68	Average
16740.00	41.65	15.58	1.74	58.97	74.00	15.03	Peak

Mode	802.11a	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-6.01	45.23	54.00	8.77	Average
11570.00	38.56	12.68	3.15	54.39	74.00	19.61	Peak
17350.00	41.21	16.10	-7.70	49.61	54.00	4.39	Average
17350.00	41.21	16.10	1.36	58.67	74.00	15.33	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-0.11	51.13	54.00	2.87	Peak
17360.00	41.21	16.10	-9.23	48.08	54.00	5.92	Average
17360.00	41.21	16.10	-0.23	57.08	74.00	16.92	Peak

Mode	802.11n-HT20	UNII Band	I
		Frequency	TX 5200MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10420.00	37.63	12.51	1.06	51.20	54.00	2.80	Peak
15600.00	40.09	16.12	-11.90	44.31	54.00	9.69	Average
15600.00	40.09	16.12	-1.90	54.31	74.00	19.69	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10400.00	37.62	12.50	0.88	51.00	54.00	3.00	Peak
15600.00	40.09	16.12	-10.37	45.84	54.00	8.16	Average
15600.00	40.09	16.12	-0.37	55.84	74.00	18.16	Peak

Mode	802.11n-HT20	UNII Band	II-2A
		Frequency	TX 5320MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10640.00	37.73	12.61	-1.74	48.60	54.00	5.40	Peak
15950.00	40.71	15.59	-13.09	43.21	54.00	10.79	Average
15950.00	40.71	15.59	-2.09	54.21	74.00	19.79	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10640.00	37.73	12.61	-2.76	47.58	54.00	6.42	Peak
15960.00	40.74	15.56	-2.79	53.51	54.00	0.49	Peak

Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-15.79	34.99	54.00	19.01	Average
11160.00	38.03	12.75	-3.16	47.62	74.00	26.38	Peak
16740.00	41.65	15.58	-15.38	41.85	54.00	12.15	Average
16740.00	41.65	15.58	-2.48	54.75	74.00	19.25	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.03	12.75	-16.97	33.81	54.00	20.19	Average
11160.00	38.03	12.75	-2.93	47.85	74.00	26.15	Peak
16740.00	41.65	15.58	-16.11	41.12	54.00	12.88	Average
16740.00	41.65	15.58	-2.61	54.62	74.00	19.38	Peak

Mode	802.11n-HT20	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11580.00	38.56	12.68	-1.89	49.35	54.00	4.65	Peak
17360.00	41.21	16.10	-12.53	44.78	54.00	9.22	Average
17360.00	41.21	16.10	-1.53	55.78	74.00	18.22	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.56	12.68	-2.44	48.80	54.00	5.20	Peak
17360.00	41.21	16.10	-11.66	45.65	54.00	8.35	Average
17360.00	41.21	16.10	-0.66	56.65	74.00	17.35	Peak

Mode	802.11n-HT40	UNII Band	I
		Frequency	TX 5230MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10470.00	37.67	12.53	-1.76	48.44	54.00	5.56	Peak
15670.00	40.21	16.01	-11.88	44.34	54.00	9.66	Average
15670.00	40.21	16.01	-1.88	54.34	74.00	19.66	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.69	12.54	-2.17	48.06	54.00	5.94	Peak
15690.00	40.24	15.99	-12.22	44.01	54.00	9.99	Average
15690.00	40.24	15.99	-2.22	54.01	74.00	19.99	Peak

Mode	802.11n-HT40	UNII Band	II-2A
		Frequency	TX 5270MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10530.00	37.71	12.56	-2.12	48.15	54.00	5.85	Peak
15810.00	40.46	15.80	-2.61	53.65	54.00	0.35	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
10530.00	37.71	12.56	-1.54	48.73	54.00	5.27	Peak
15810.00	40.46	15.80	-2.94	53.32	54.00	0.68	Peak

Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5550MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11100.00	37.94	12.76	-14.09	36.61	54.00	17.39	Average
11100.00	37.94	12.76	-2.46	48.24	74.00	25.76	Peak
16650.00	41.63	15.57	-13.11	44.09	54.00	9.91	Average
16650.00	41.63	15.57	-1.18	56.02	74.00	17.98	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Detector
11100.00	37.94	12.76	-13.45	37.25	54.00	16.75	Average
11100.00	37.94	12.76	-2.15	48.55	74.00	25.45	Peak
16650.00	41.63	15.57	-14.97	42.23	54.00	11.77	Average
16650.00	41.63	15.57	-2.75	54.45	74.00	19.55	Peak

Mode	802.11n-HT40	UNII Band	III
		Frequency	TX 5795MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11590.00	38.57	12.67	-2.62	48.62	54.00	5.38	Peak
17380.00	41.16	16.15	-10.92	46.39	54.00	7.61	Average
17380.00	41.16	16.15	-0.92	56.39	74.00	17.61	Peak

Antenna at Vertical Polarization

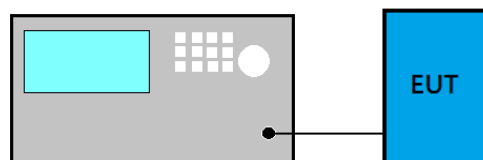
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11590.00	38.57	12.67	-1.97	49.27	54.00	4.73	Peak
17380.00	41.16	16.15	-11.19	46.12	54.00	7.88	Average
17380.00	41.16	16.15	-1.19	56.12	74.00	17.88	Peak

6.5.3. Emissions in Non-restricted Frequency Bands

Pursuant to 789033 D02 General UNII Test Procedures New Rules v01r02 that emission levels below the 15.209 general radiated emissions limits is not required.

7. EMISSION BANDWIDTH MEASUREMENT

7.1. Block Diagram of Test Setup



7.2. Specification Limits

Frequency Band (MHz)	Limit
5150 to 5250	Reference only
5250 to 5350	
5470 to 5725	
5725 to 5850	$\geq 500\text{kHz}$

7.3. Test Procedure

Following measurement procedure is reference to KDB 789033 D02 General UNII Test Procedures New Rules v01:

- Applicable to all bands except to 5725 MHz- 5850 MHz

- (1) Set RBW= 1% of the emission bandwidth
- (2) Set VBW > RBW
- (3) Detector = Peak
- (4) Trace mode = max hold
- (5) Setting channel bandwidth function x dB to -26 dB to record the final bandwidth.

- 5725 MHz- 5850 MHz

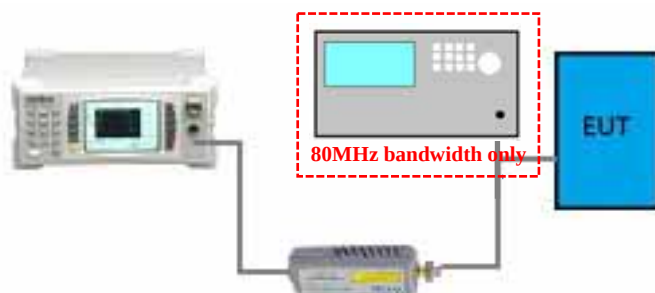
- (1) Set RBW = 100 kHz.
- (2) Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$.
- (3) Detector = Peak.
- (4) Trace mode = max hold.
- (5) Sweep = auto couple.
- (6) Allow the trace to stabilize.
- (7) Setting channel bandwidth function x dB to -6 dB to record the final bandwidth.

7.4. Test Results

Please refer to Appendix A

8. MAXIMUM OUTPUT POWER MEASUREMENT

8.1. Block Diagram of Test Setup



8.2. Specification Limits

Frequency Band (MHz)	Category	Limit
5150 to 5250	Outdoor Access Point	1 W(30 dBm)/ Max e.i.r.p. ≤ 125 mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon
	Fixed point-to-point Access Point	1 W(30 dBm)
	Indoor Access Point	1 W(30 dBm)
	Mobile and Portable client device	250 mW(24 dBm)
5250 to 5350	N/A	250 mW or $11 \text{ dBm} + 10 \log B$ ^{Note1}
5470 to 5725		250 mW or $11 \text{ dBm} + 10 \log B$ ^{Note1}
5725 to 5850		1 W(30 dBm)

Note 1: B is the 26 dB emission bandwidth, which presented in section 7 and appendix A.1.

8.3. Test Procedure

Following measurement procedure is reference to KDB 789033 D02 General UNII Test Procedures New Rules v01:

■ **Method AVGPM (Measurement using an RF average power meter):**

EUT is connected to power sensor and record the maximum average output power and duty cycle factor is added when duty cycle presented in section 3.5 is < 98%.

■ **Method AVGSA-2 (Spectrum channel power)**

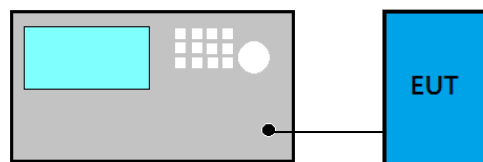
- (1) Set span to at least 1.5 times the OBW
- (2) Set RBW = 1 MHz
- (3) Set the video bandwidth (VBW) $\geq$ 3 MHz.
- (4) Detector = RMS.
- (5) Trace mode = trace average at least 100 traces
- (6) Sweep = auto couple.
- (7) Compute power by integrating the spectrum across the OBW of the signal using the instrument's band power measurement function with band limits set equal to the OBW band edges.
- (8) Duty cycle factor is added when duty cycle presented in section 3.5 is < 98%.

8.4. Test Results

Please refer to Appendix A

9. EMISSION LIMITATIONS MEASUREMENT

9.1. Block Diagram of Test Setup



9.2. Specification Limits

Frequency Band (MHz)	E.I.R.P. Limit
5150 to 5250	-27 dBm
5250 to 5350	
5470 to 5725	
5725 to 5850	-17 dBm/MHz ^{Note 1} -27 dBm/MHz ^{Note 2}

Note 1: Applicable to frequency within 10MHz to band edge.

2: Applicable to frequency beyond 10 MHz out of band edge.

9.3. Test Procedure

Following measurement procedure is reference to KDB 789033 D02 General UNII Test Procedures New Rules v01:

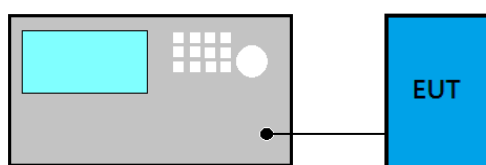
- (1) RBW = 1 MHz
- (2) VBW $\geq 3 \times$ RBW
- (3) Detector = Peak
- (4) Sweep time = auto
- (5) Trace mode = max hold
- (6) Allow sweeps to continue until the trace stabilizes.

9.4. Test Results

Please refer to Appendix A

10. POWER SPECTRAL DENSITY MEASUREMENT

10.1. Block Diagram of Test Setup



10.2. Specification Limits

Frequency Band (MHz)	Category	Limit
5150 to 5250	Outdoor Access Point	17dBm
	Fixed point-to-point Access Point	
	Indoor Access Point	
	Mobile and Portable client device	11 dBm/MHz
5250 to 5350	N/A	11 dBm/MHz
5470 to 5725		11 dBm/MHz
5725 to 5850		30dBm/500 kHz

10.3. Test Procedure

Following measurement procedure is reference to KDB 789033 D02 General UNII Test Procedures New Rules v01:

■ Method AVGSA-2 (Spectrum channel power)

- (1) Set span to at least 1.5 times the OBW
- (2) Set RBW = 1 MHz
- (3) Set the video bandwidth (VBW) ≥ 3 MHz.
- (4) Detector = RMS.
- (5) Trace mode = trace average at least 100 traces
- (6) Sweep = auto couple.
- (7) Use peak search function to find out the maximum power density.
- (8) Duty cycle factor is added when duty cycle presented in section 3.5 is $< 98\%$.

10.4. Test Results

Please refer to Appendix A

11.DEVIATION TO TEST SPECIFICATIONS

【NONE】