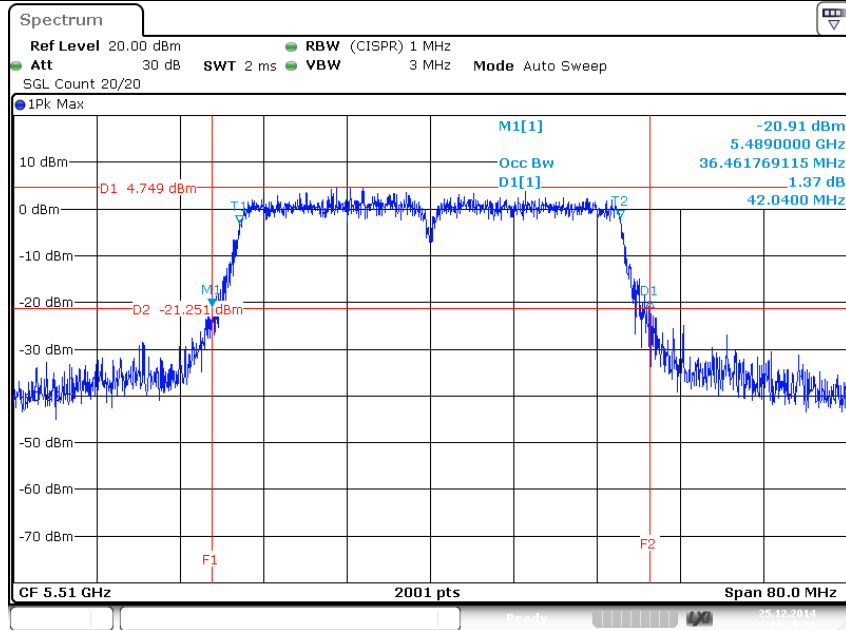
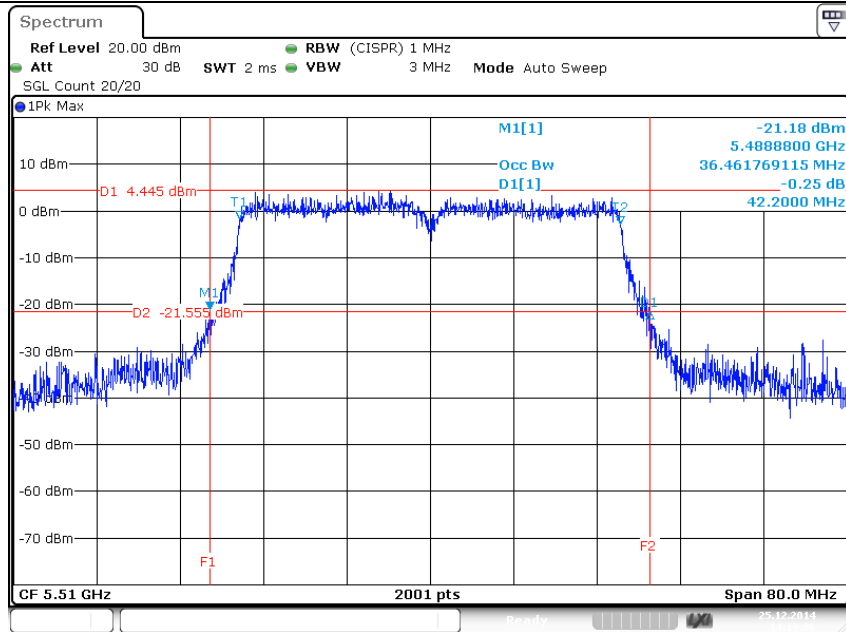


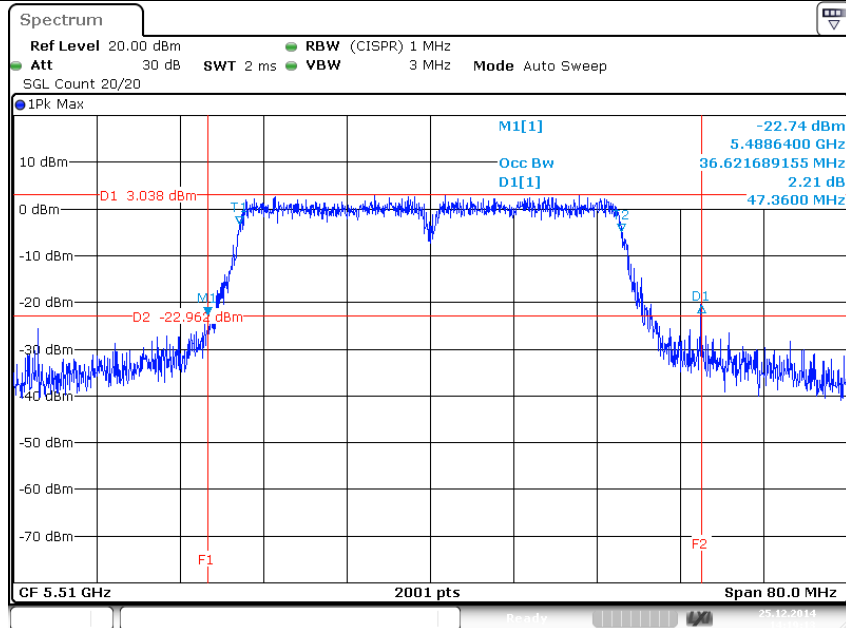
802.11ac 40MHz/ Nss2 MCS0/ Ch.102/ Ant1



802.11ac 40MHz/ Nss2 MCS0/ Ch.102/ Ant2

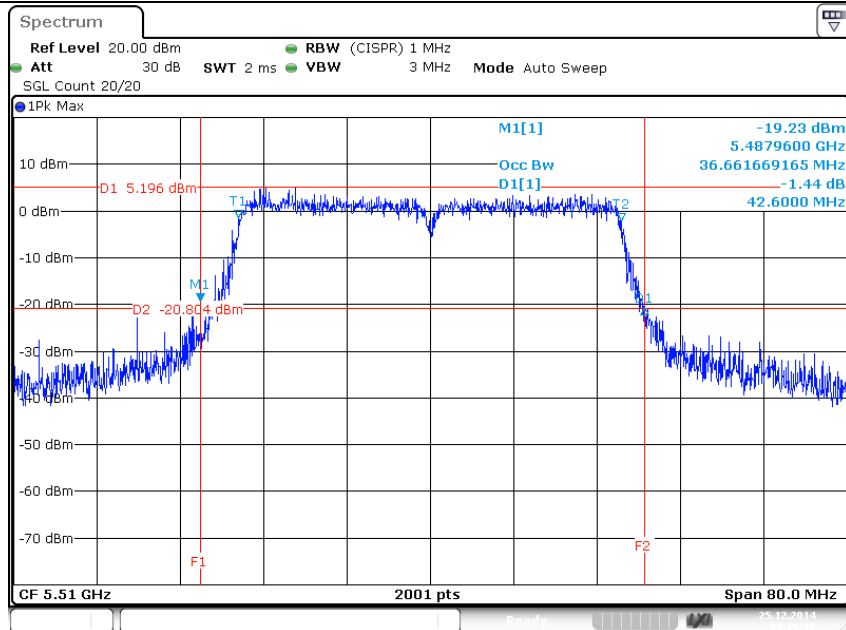


802.11ac 40MHz/ Nss2 MCS0/ Ch.102/ Ant3



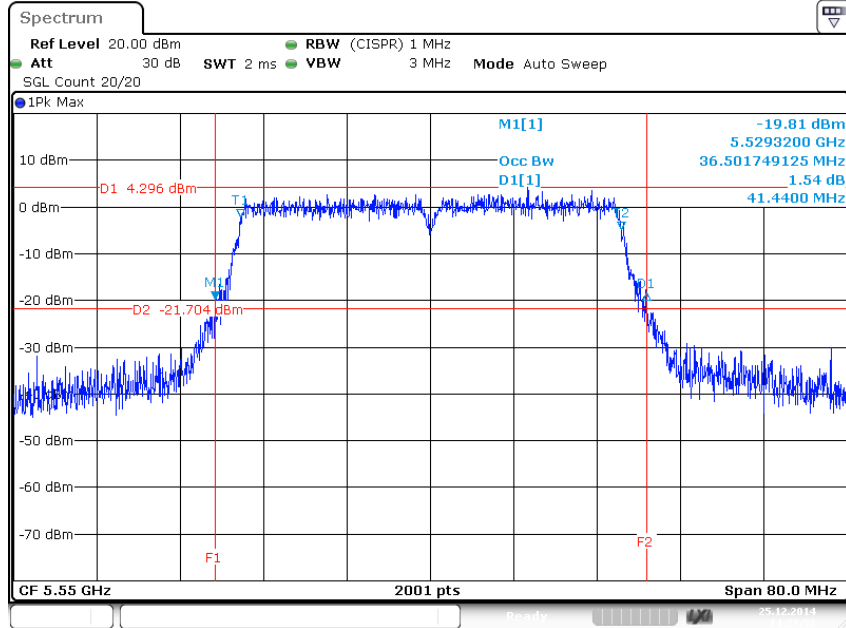
Date: 25.DEC.2014 14:19:13

802.11ac 40MHz/ Nss2 MCS0/ Ch.102/ Ant4



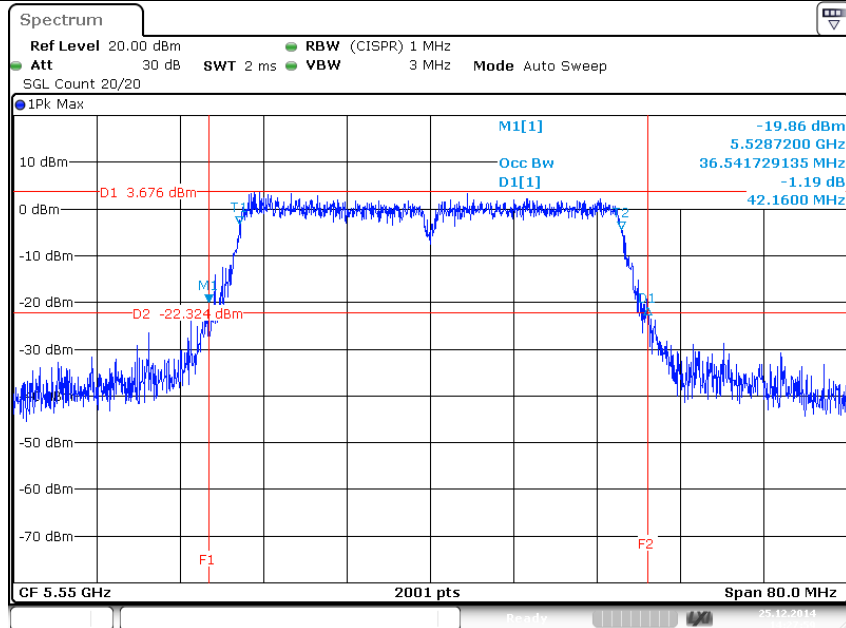
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802.11ac 40MHz/ Nss2 MCS0/ Ch.110/ Ant1



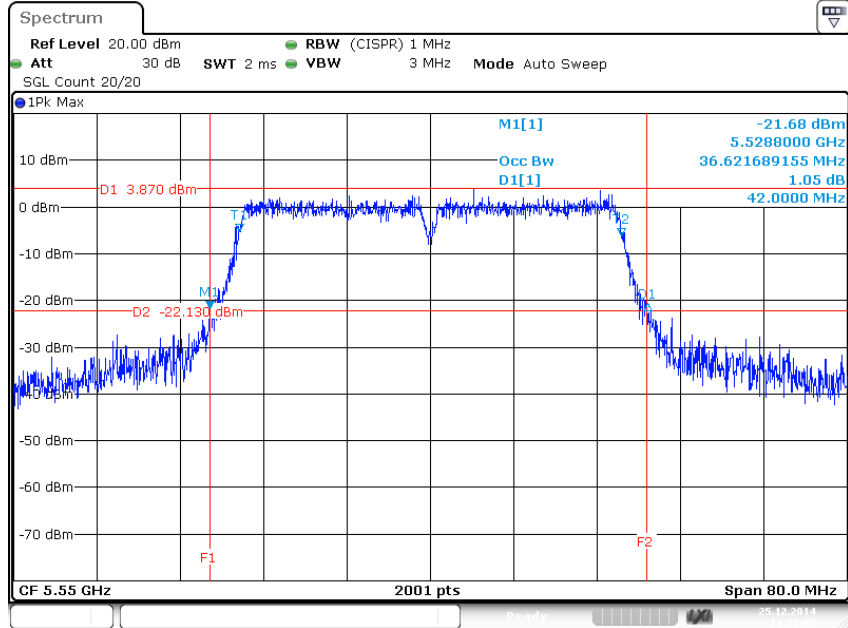
Date: 25.DEC.2014 14:27:52

802.11ac 40MHz/ Nss2 MCS0/ Ch.110/ Ant2

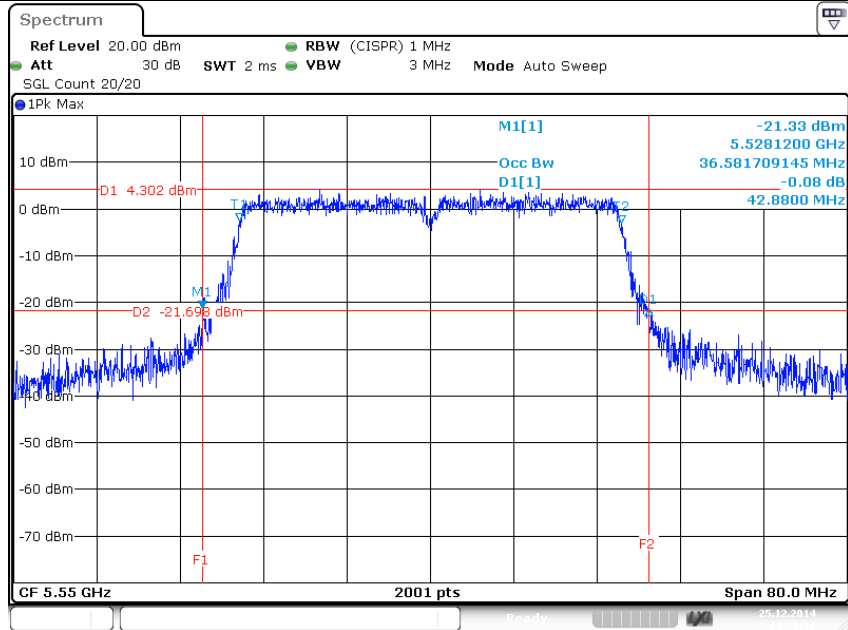


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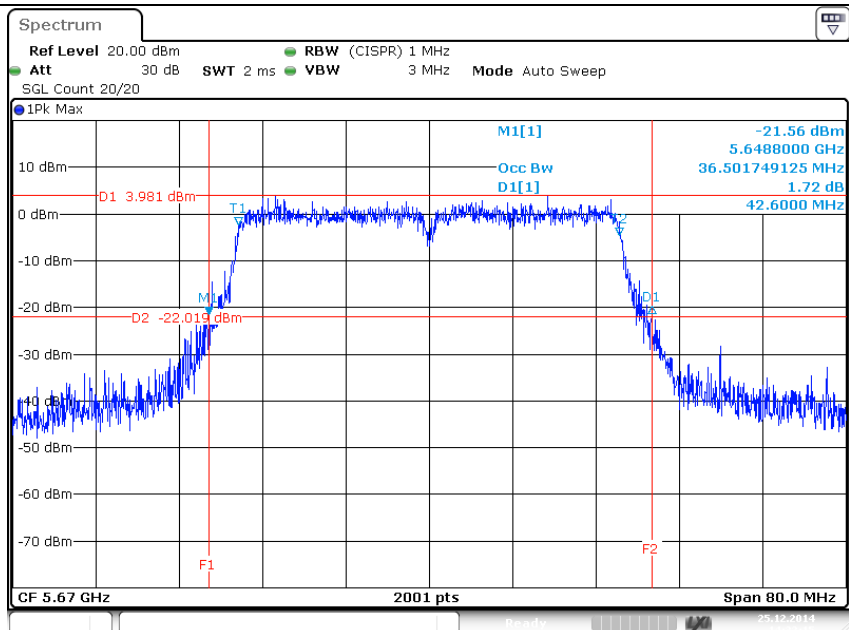
802.11ac 40MHz/ Nss2 MCS0/ Ch.110/ Ant3



802.11ac 40MHz/ Nss2 MCS0/ Ch.110/ Ant4

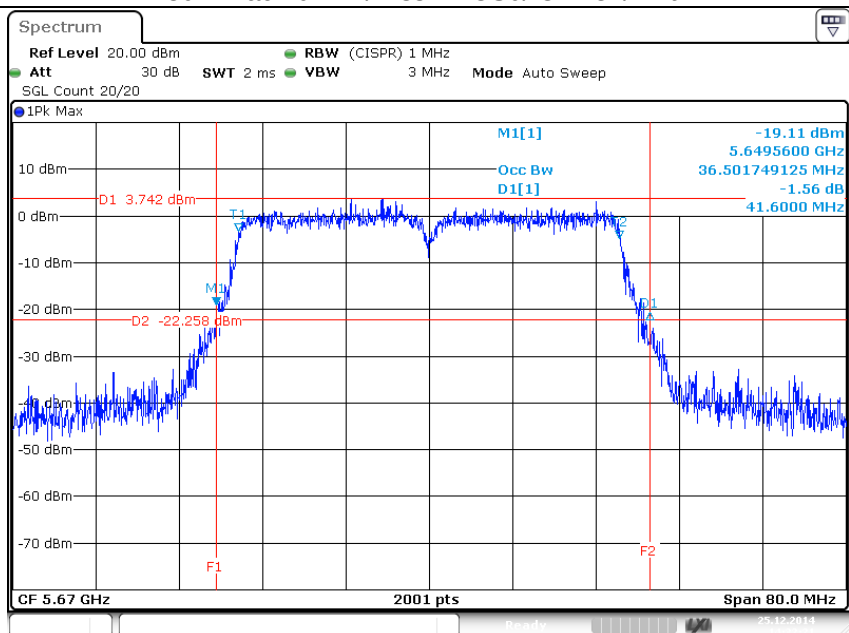


802.11ac 40MHz/ Nss2 MCS0/ Ch.134/ Ant1



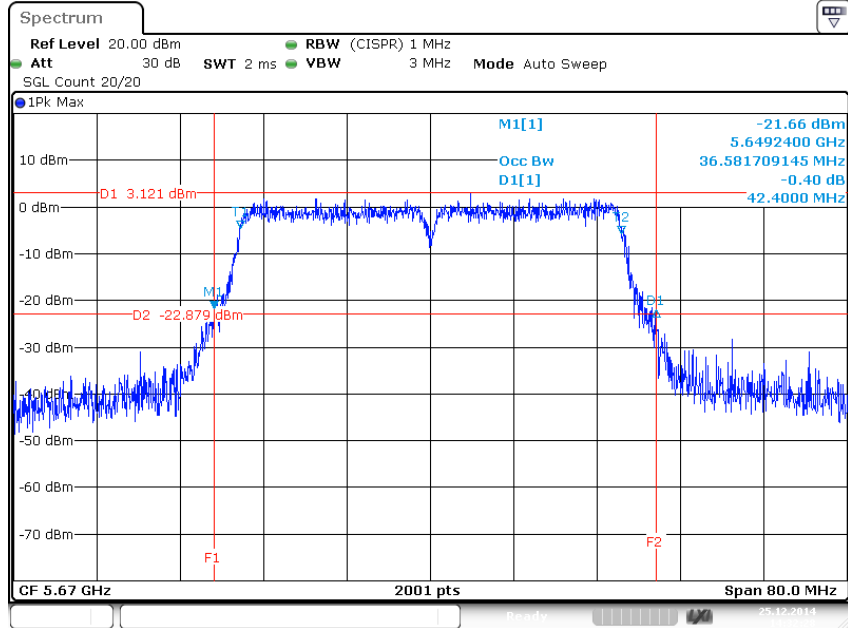
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802.11ac 40MHz/ Nss2 MCS0/ Ch.134/ Ant2

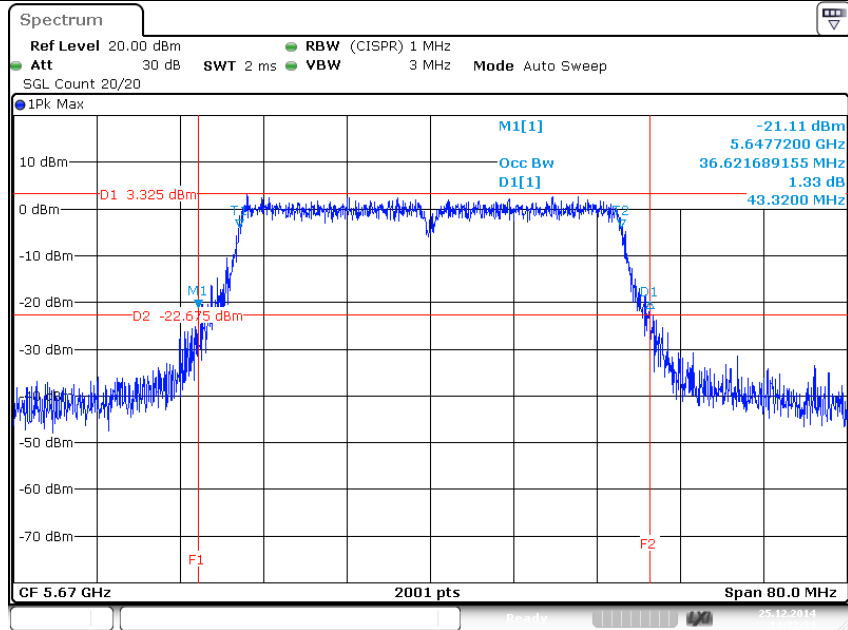


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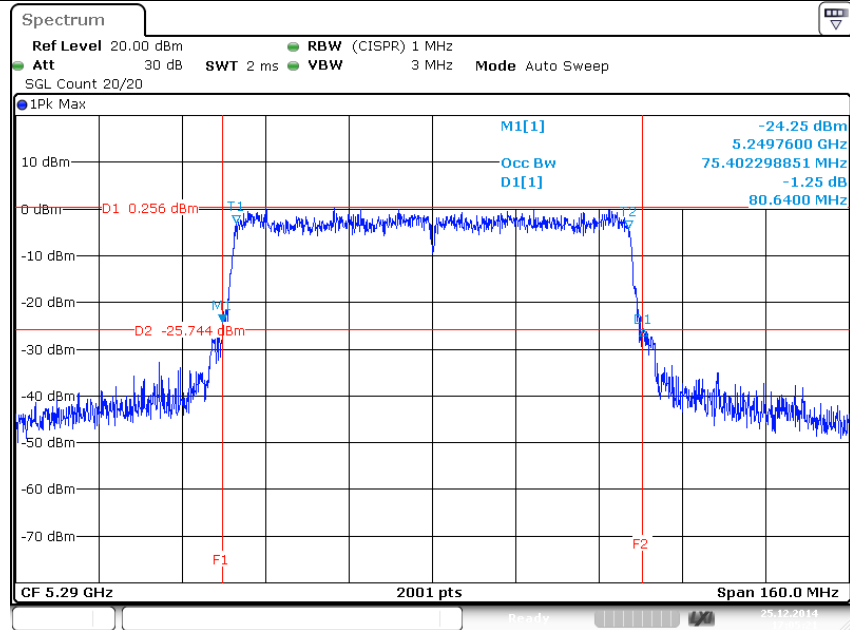
802.11ac 40MHz/ Nss2 MCS0/ Ch.134/ Ant3



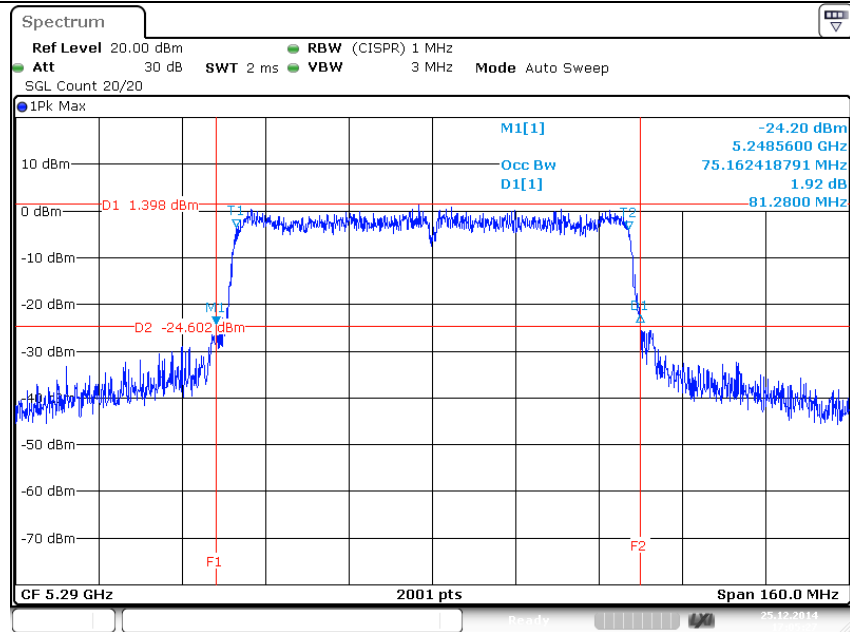
802.11ac 40MHz/ Nss2 MCS0/ Ch.134/ Ant4



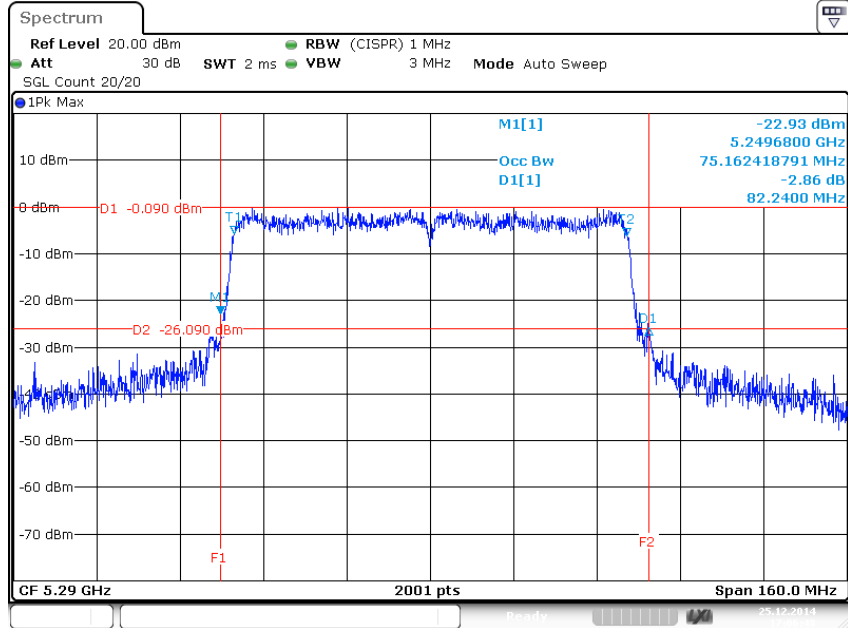
802.11ac 80MHz/ Nss2 MCS0/ Ch.58/ Ant1



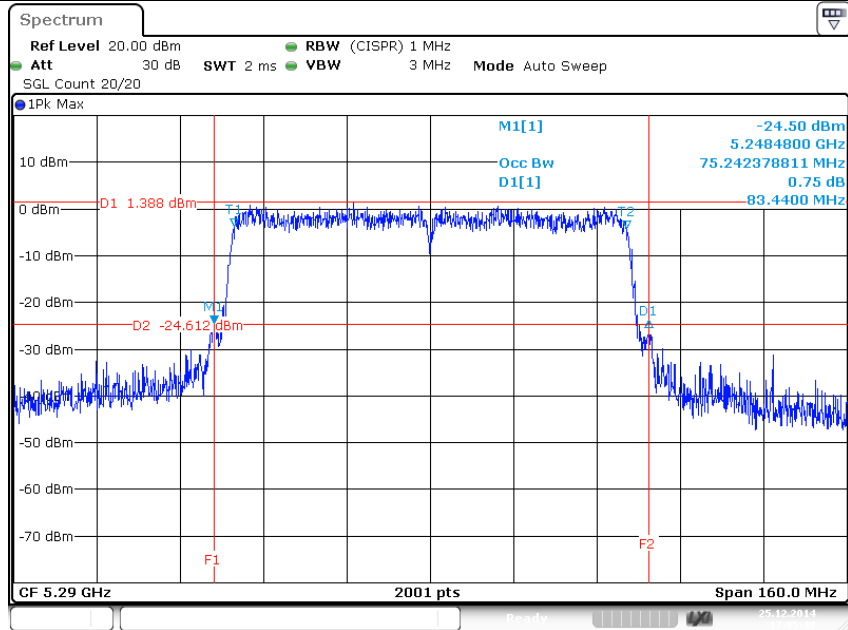
802.11ac 80MHz/ Nss2 MCS0/ Ch.58/ Ant2



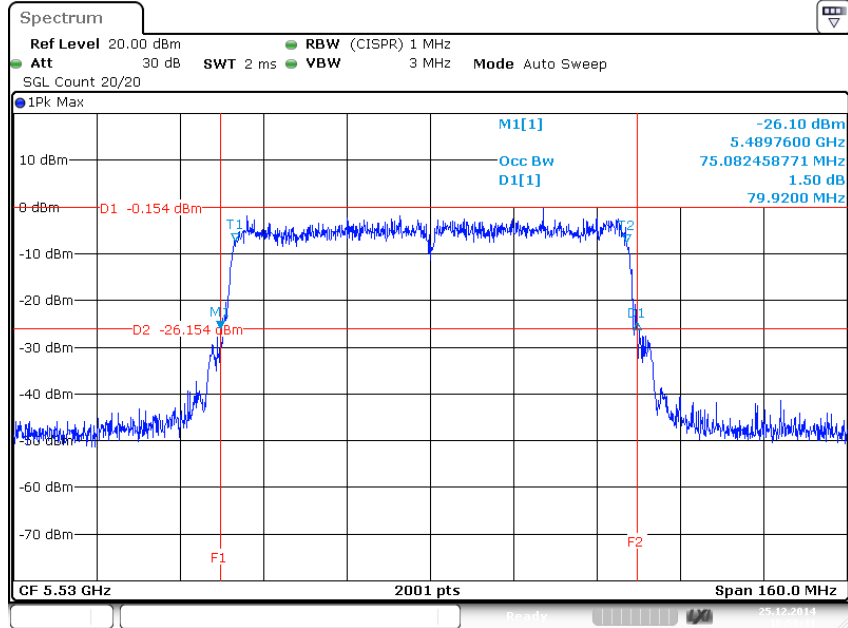
802.11ac 80MHz/ Nss2 MCS0/ Ch.58/ Ant3



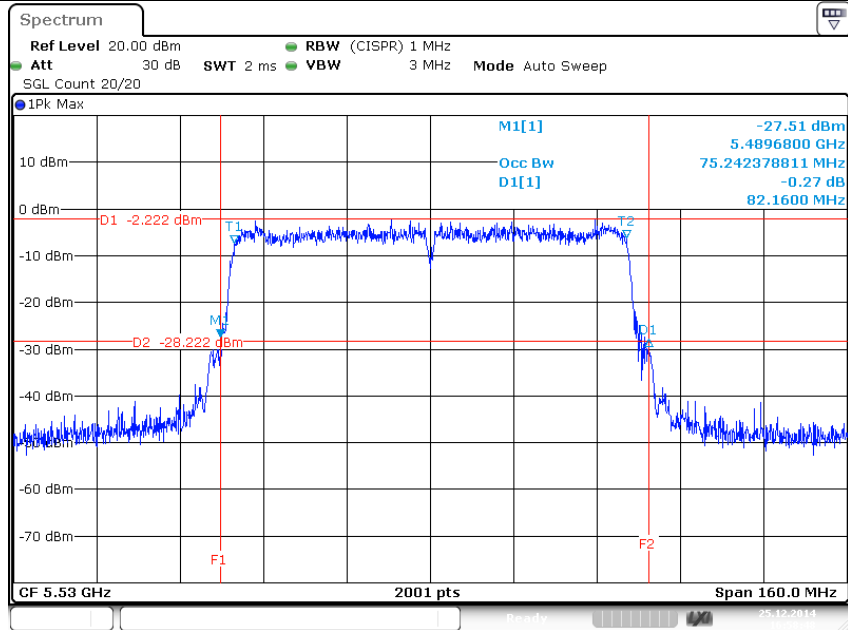
802.11ac 80MHz/ Nss2 MCS0/ Ch.58/ Ant4



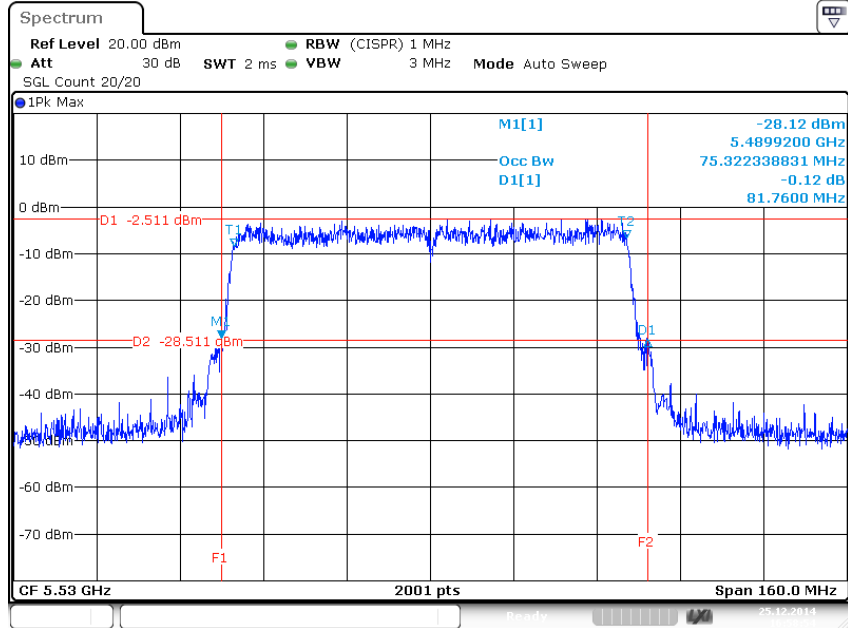
802.11ac 80MHz/ Nss2 MCS0/ Ch.106/ Ant1



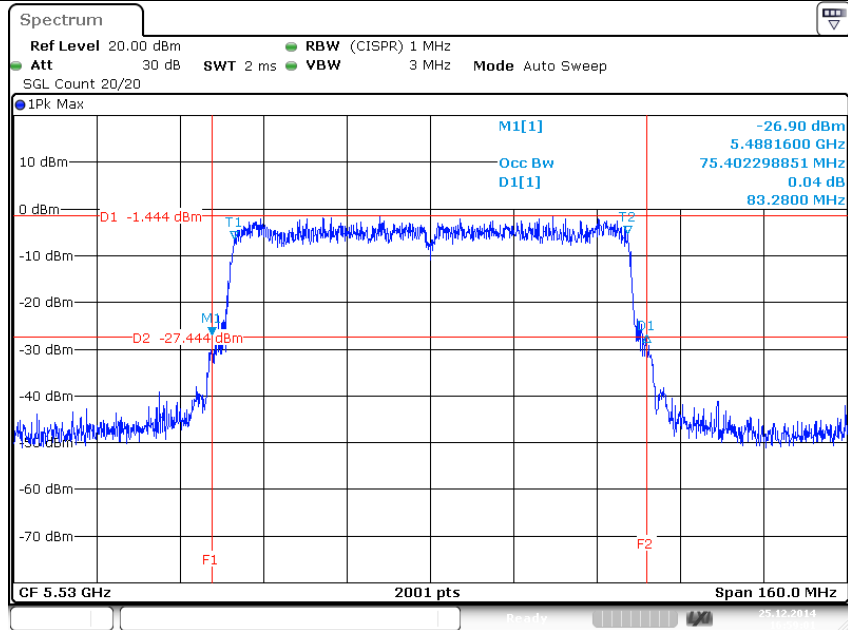
802.11ac 80MHz/ Nss2 MCS0/ Ch.106/ Ant2



802.11ac 80MHz/ Nss2 MCS0/ Ch.106/ Ant3

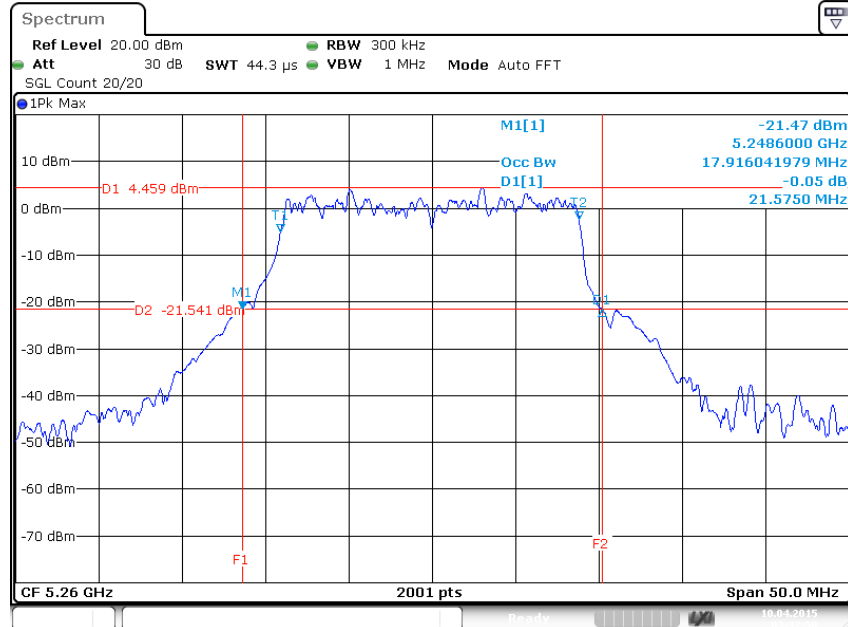


802.11ac 80MHz/ Nss2 MCS0/ Ch.106/ Ant4



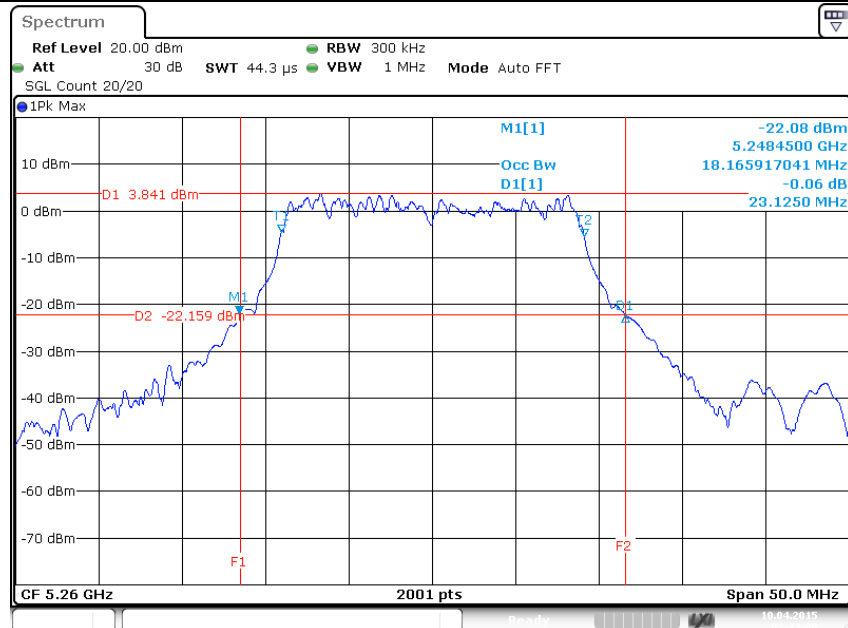
26dB Emission Bandwidth						
Worst Modulation Mode	Number of Transmit Chains (NTX)	Frequency (MHz)	26dB Emission Bandwidth			
			Ant1	Ant 2	Ant 3	Ant 4
802.11ac 20MHz (TXBF)	3 stream 4TX	5260	21.57	23.12	21.57	20.92
802.11ac 20MHz (TXBF)	3 stream 4TX	5300	22.02	23.25	22.85	23.02
802.11ac 20MHz (TXBF)	3 stream 4TX	5320	23.87	22.72	21.02	22.65
802.11ac 20MHz (TXBF)	3 stream 4TX	5500	23.95	23.32	23.85	23.02
802.11ac 20MHz (TXBF)	3 stream 4TX	5580	21.15	23.02	23.27	22.97
802.11ac 20MHz (TXBF)	3 stream 4TX	5700	23.55	22.87	21.87	21.02
802.11ac 40MHz (TXBF)	3 stream 4TX	5270	43.32	42.48	43.28	41.36
802.11ac 40MHz (TXBF)	3 stream 4TX	5310	43.92	42.44	42.48	42.00
802.11ac 40MHz (TXBF)	3 stream 4TX	5510	42.52	42.48	42.48	42.60
802.11ac 40MHz (TXBF)	3 stream 4TX	5550	42.60	42.64	41.96	42.12
802.11ac 40MHz (TXBF)	3 stream 4TX	5670	42.64	42.84	42.20	42.52
802.11ac 80MHz (TXBF)	3 stream 4TX	5290	80.40	81.44	80.24	80.32
802.11ac 80MHz (TXBF)	3 stream 4TX	5530	80.24	80.40	81.68	80.16

802.11ac 20MHz/ Nss3 MCS0/ Ch.52/ Ant1



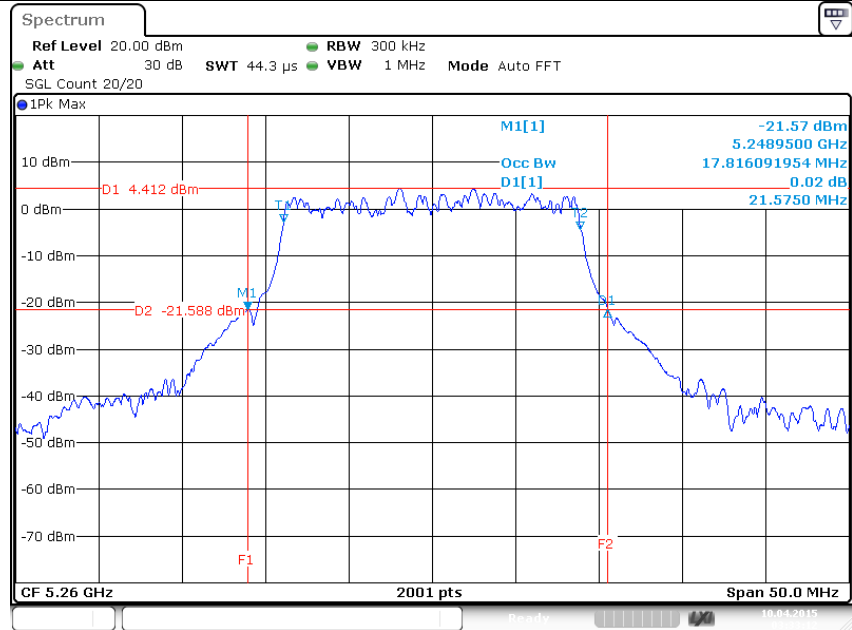
Date: 10.APR.2015 03:32:58

802.11ac 20MHz/ Nss3 MCS0/ Ch.52/ Ant2



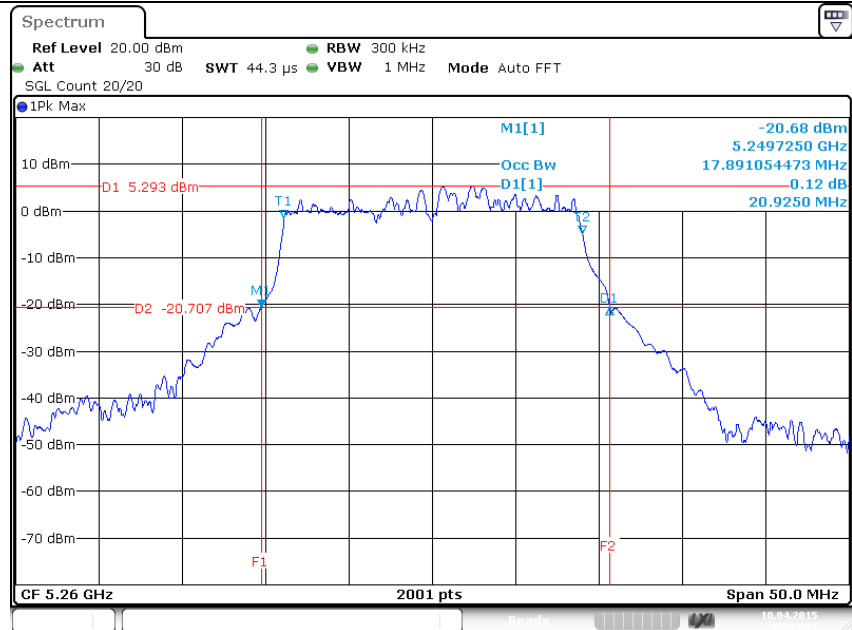
Date: 10.APR.2015 03:33:05

802.11ac 20MHz/ Nss3 MCS0/ Ch.52/ Ant3



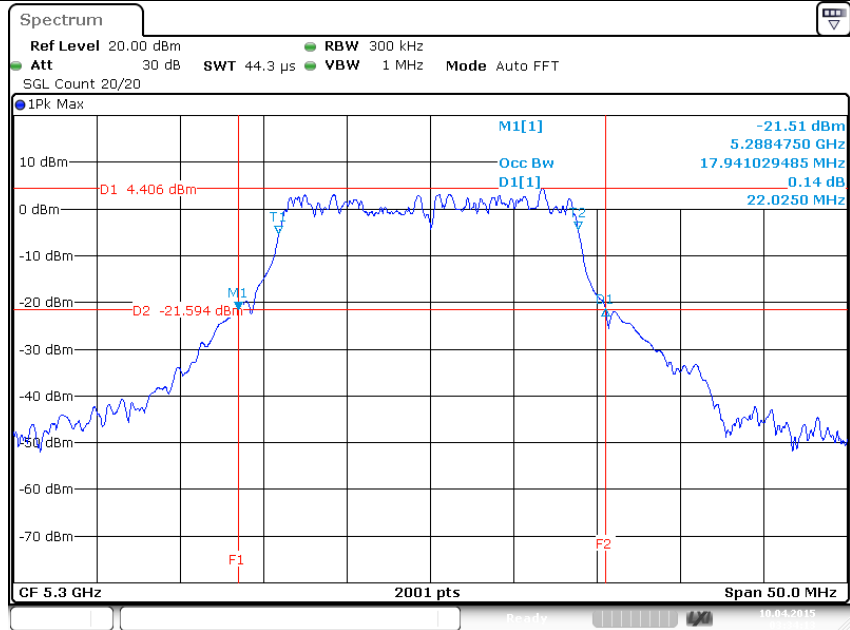
Date: 10.APR.2015 03:33:12

802.11ac 20MHz/ Nss3 MCS0/ Ch.52/ Ant4



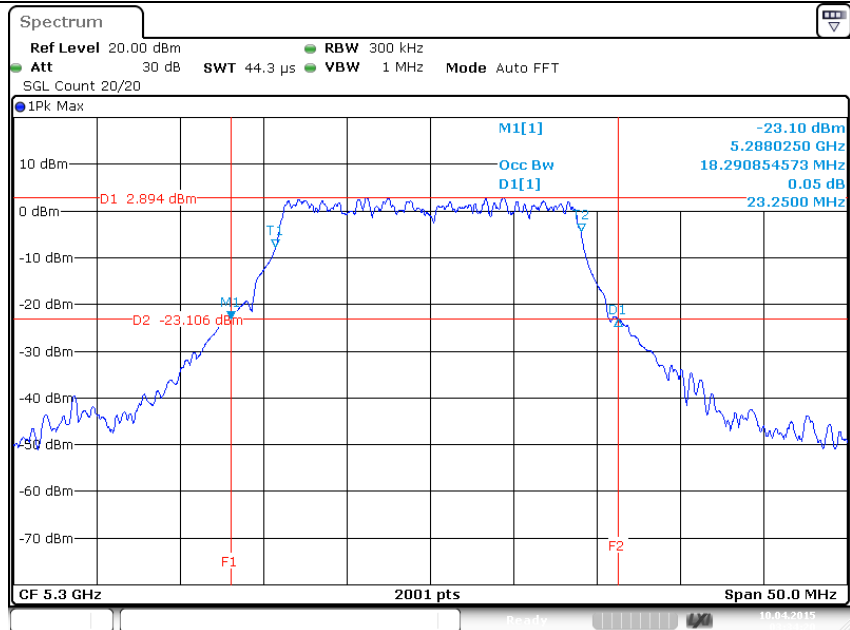
Date: 10.APR.2015 03:33:19

802.11ac 20MHz/ Nss3 MCS0/ Ch.60/ Ant1



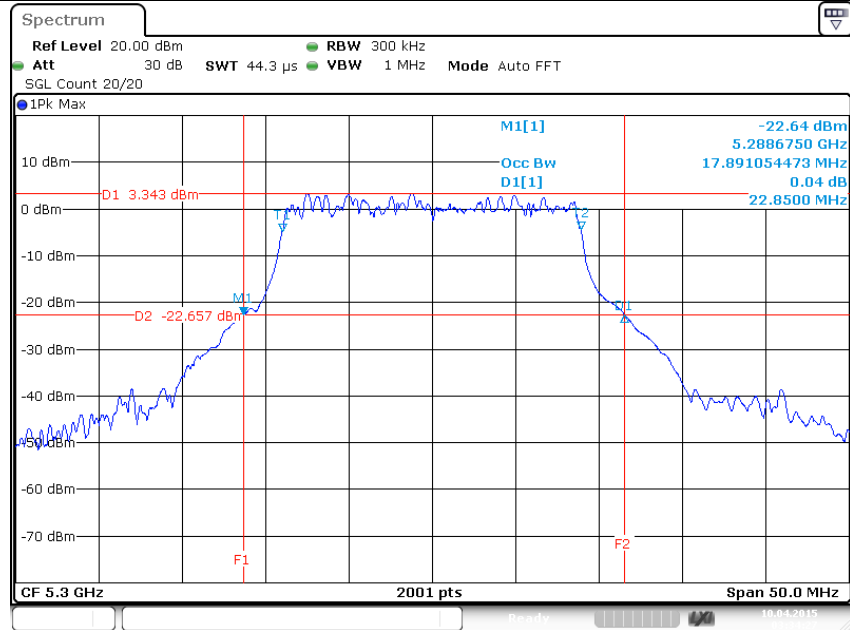
Date: 10.APR.2015 03:34:14

802.11ac 20MHz/ Nss3 MCS0/ Ch.60/ Ant2



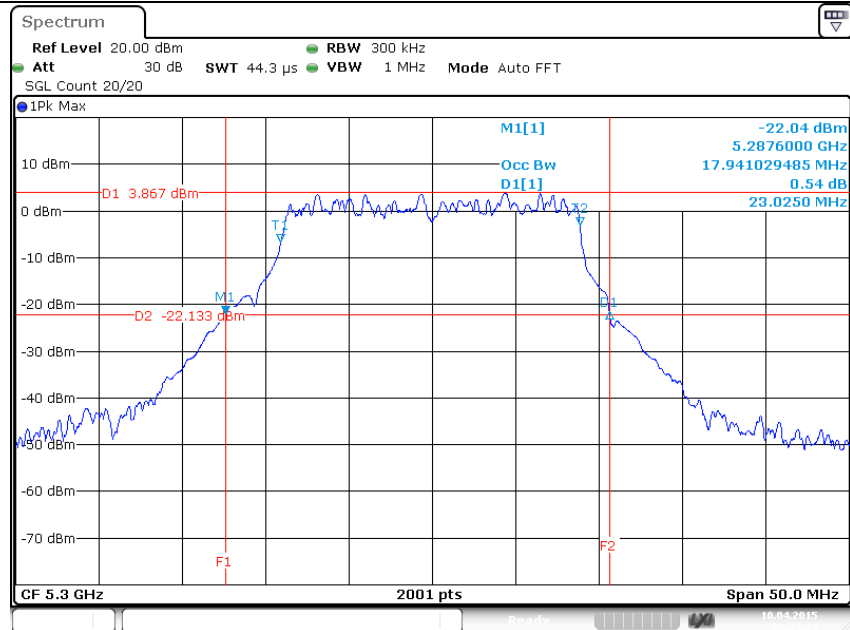
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802.11ac 20MHz/ Nss3 MCS0/ Ch.60/ Ant3



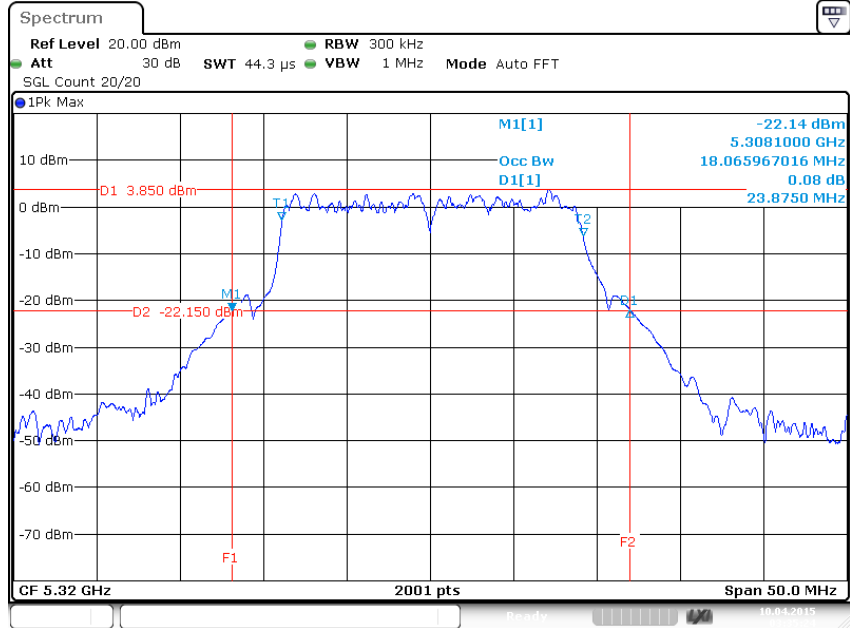
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802.11ac 20MHz/ Nss3 MCS0/ Ch.60/ Ant4



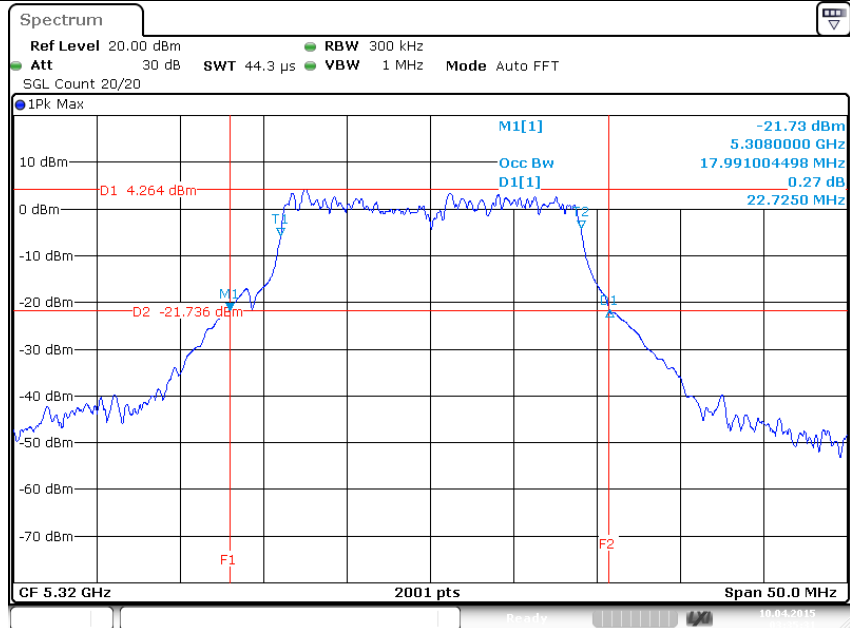
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802.11ac 20MHz/ Nss3 MCS0/ Ch.64/ Ant1



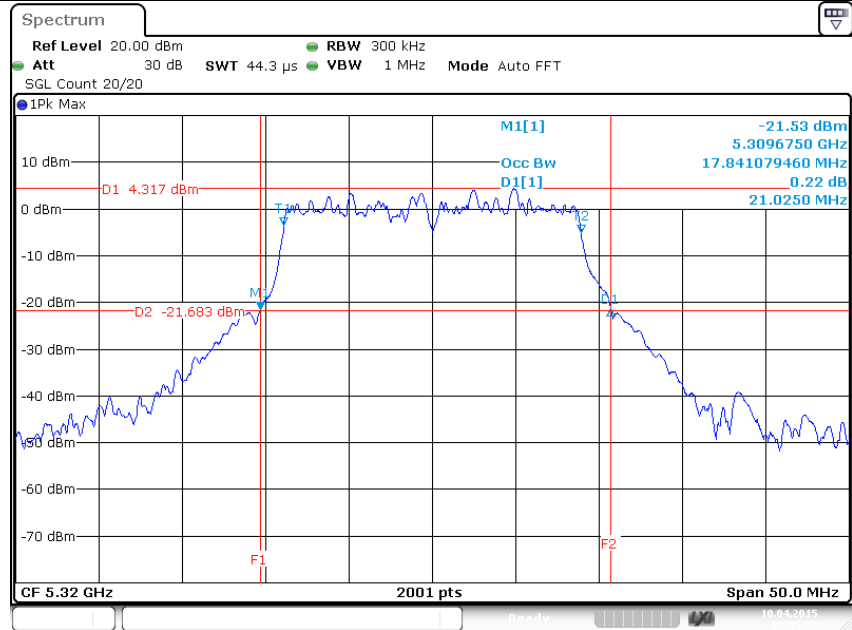
Date: 10.APR.2015 03:35:24

802.11ac 20MHz/ Nss3 MCS0/ Ch.64/ Ant2



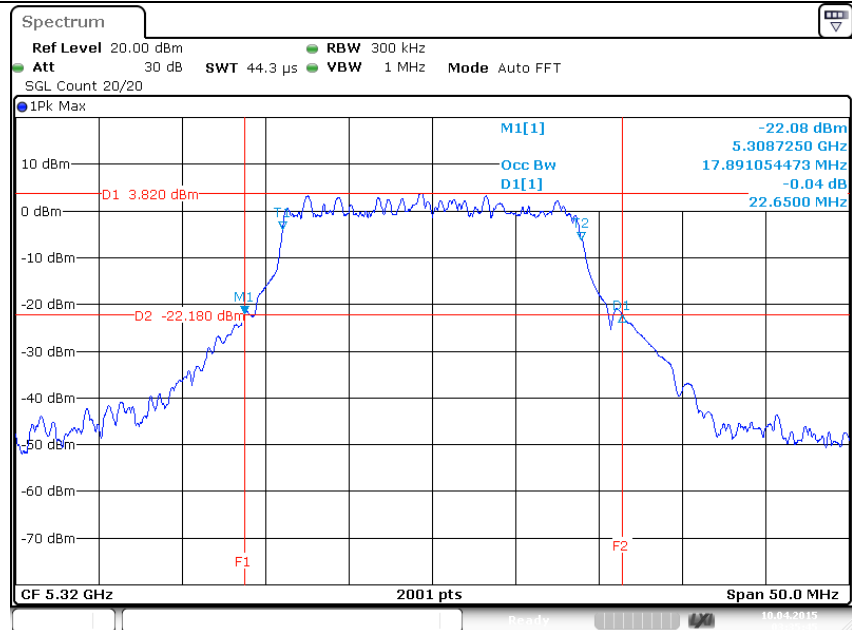
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802.11ac 20MHz/ Nss3 MCS0/ Ch.64/ Ant3



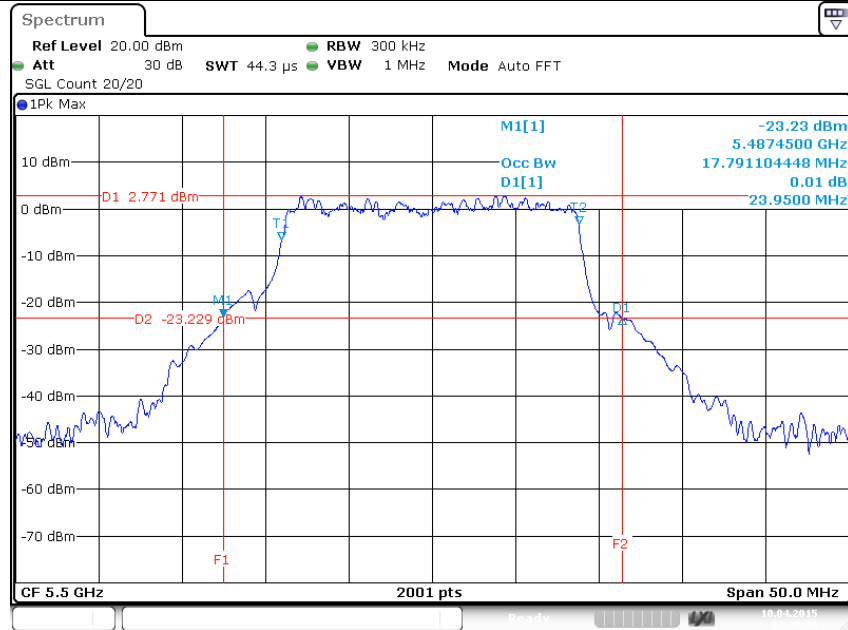
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802.11ac 20MHz/ Nss3 MCS0/ Ch.64/ Ant4

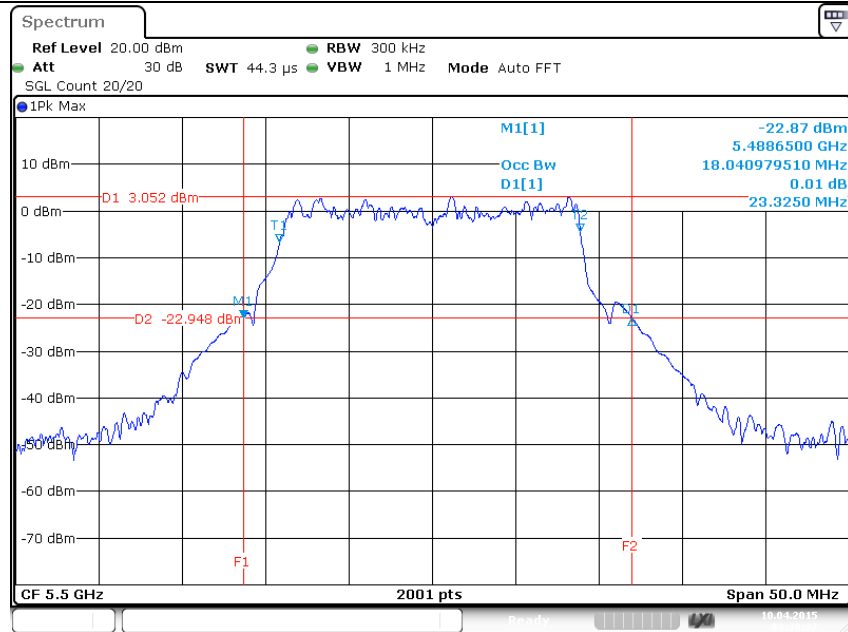


Date: 10.APR.2015 03:35:45

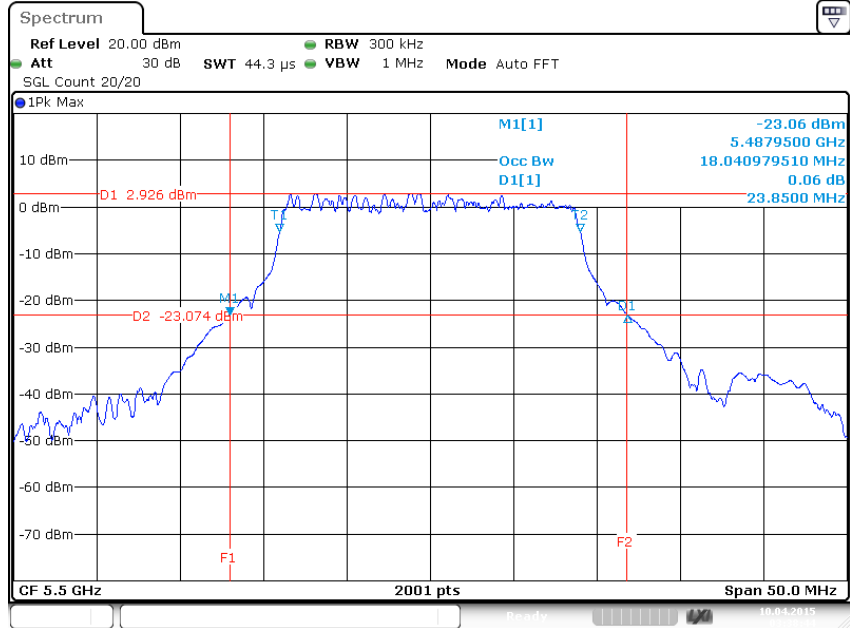
802.11ac 20MHz/ Nss3 MCS0/ Ch.100/ Ant1



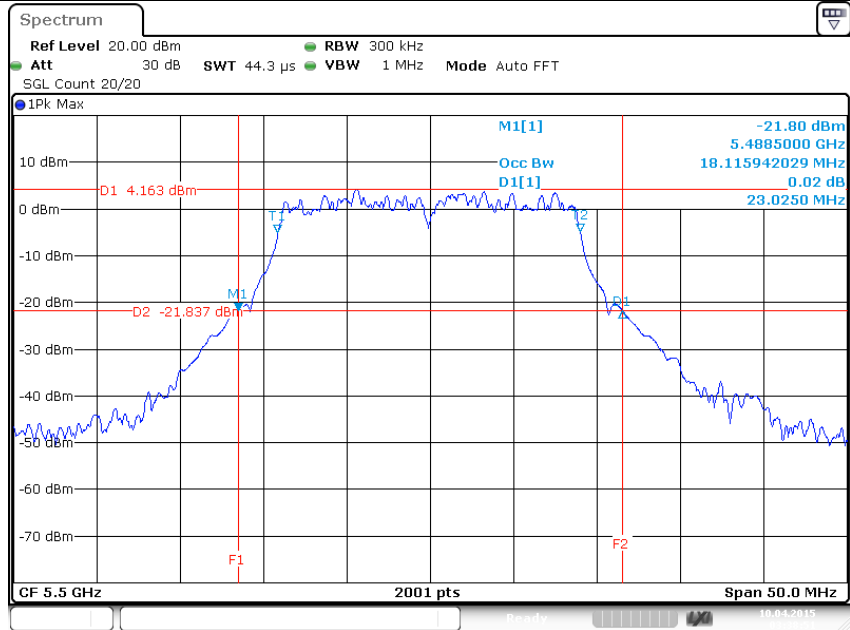
802.11ac 20MHz/ Nss3 MCS0/ Ch.100/ Ant2



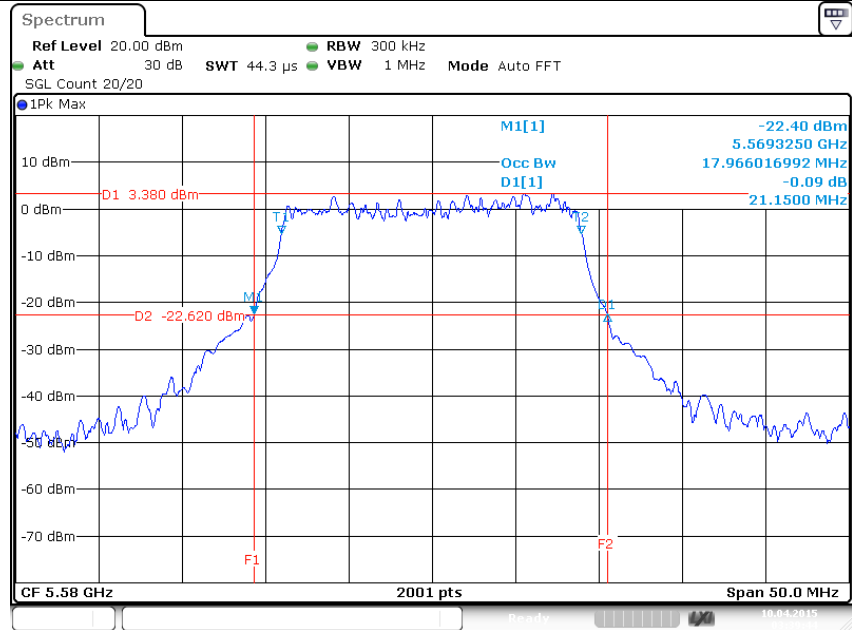
802.11ac 20MHz/ Nss3 MCS0/ Ch.100/ Ant3



802.11ac 20MHz/ Nss3 MCS0/ Ch.100/ Ant4

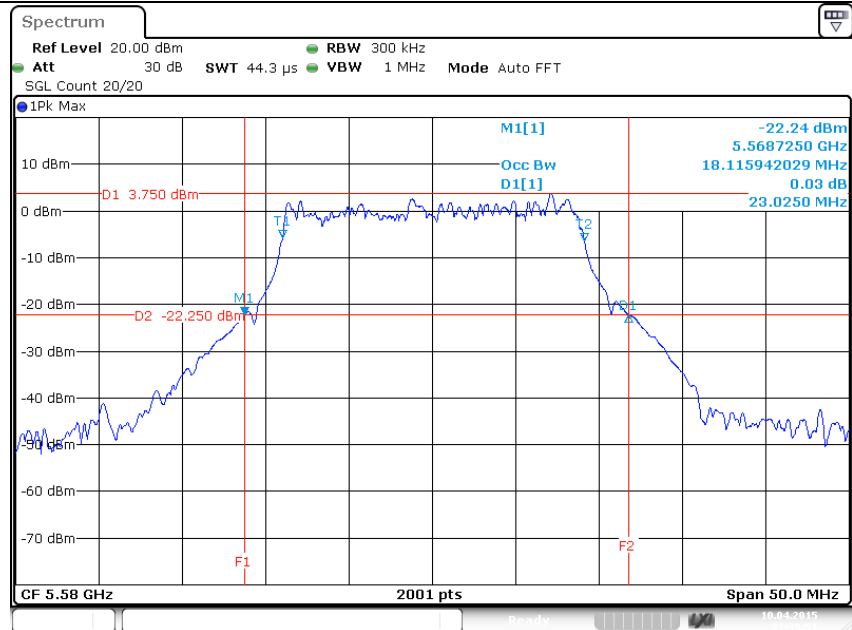


802.11ac 20MHz/ Nss3 MCS0/ Ch.116/ Ant1



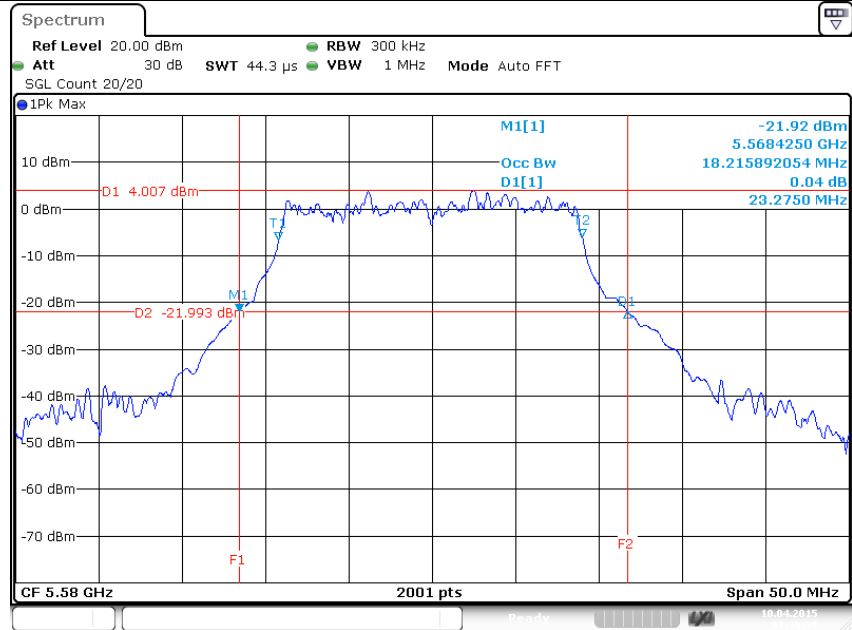
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802.11ac 20MHz/ Nss3 MCS0/ Ch.116/ Ant2



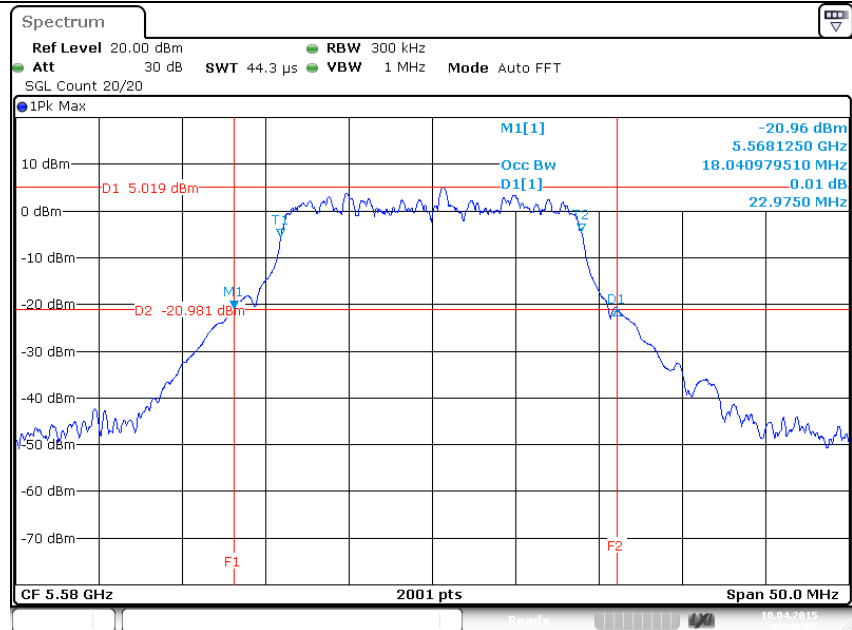
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802.11ac 20MHz/ Nss3 MCS0/ Ch.116/ Ant3



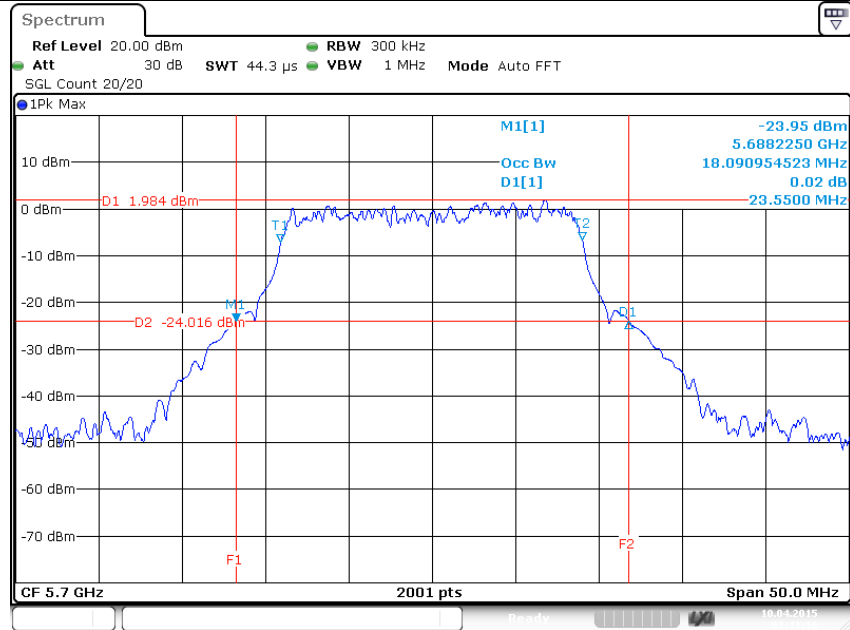
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802.11ac 20MHz/ Nss3 MCS0/ Ch.116/ Ant4

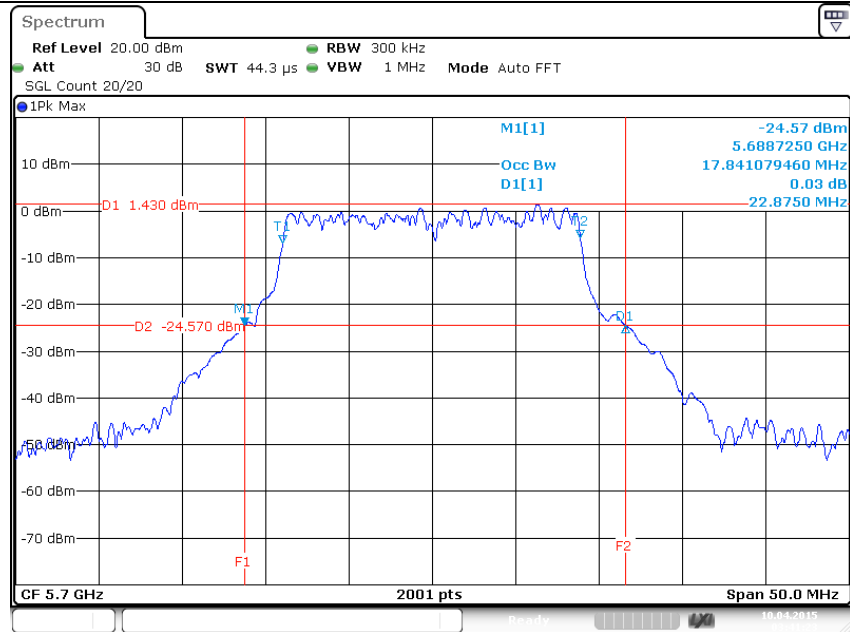


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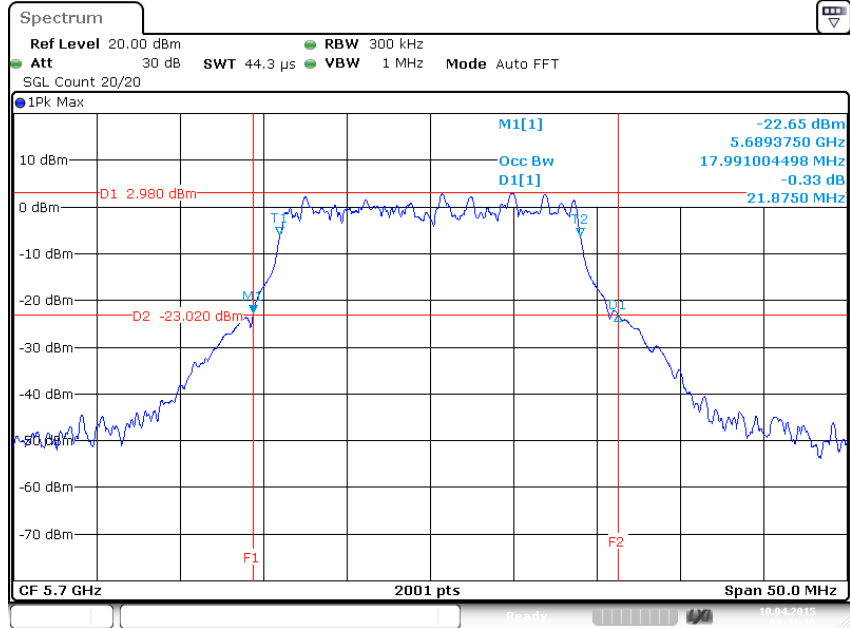
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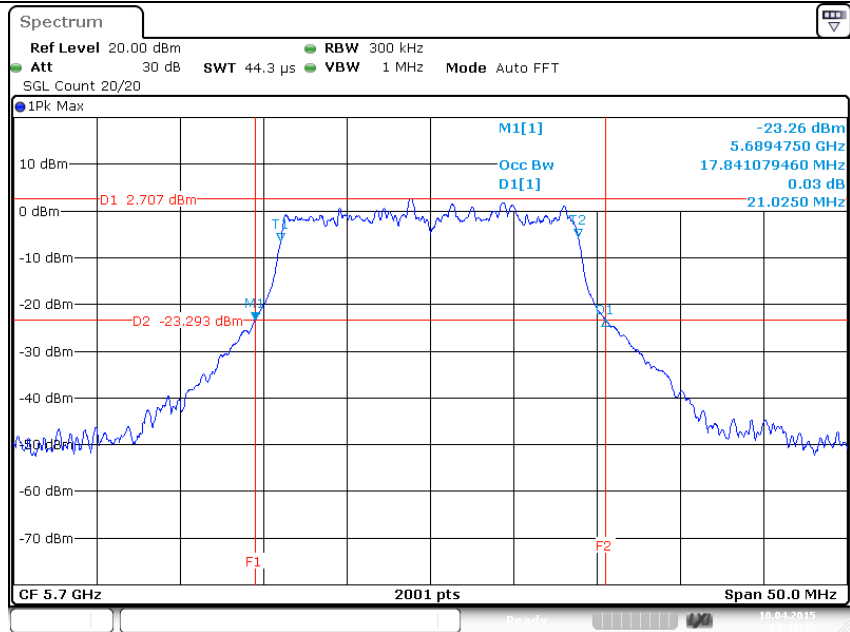
802.11ac 20MHz/ Nss3 MCS0/ Ch.140/ Ant2



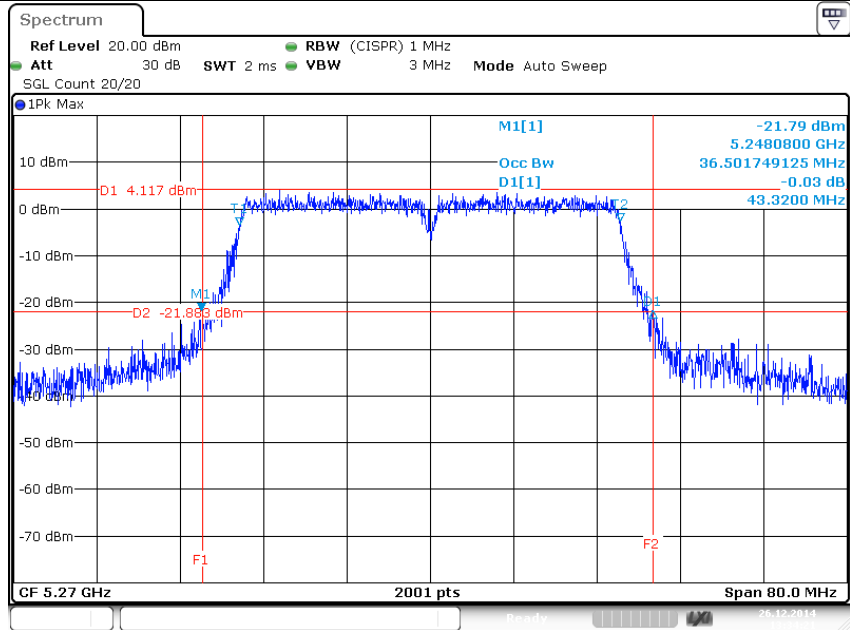
802.11ac 20MHz/ Nss3 MCS0/ Ch.140/ Ant3



802.11ac 20MHz/ Nss3 MCS0/ Ch.140/ Ant4

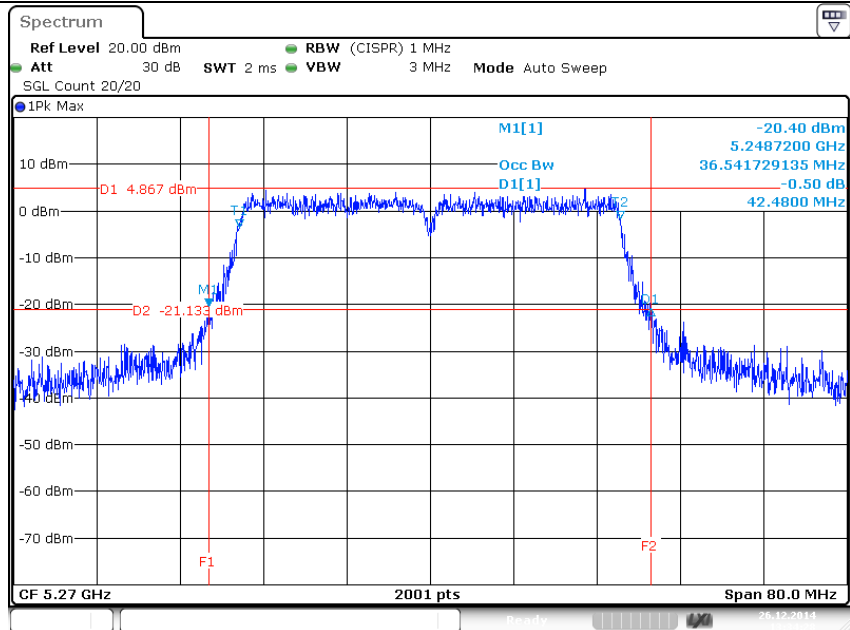


802.11ac 40MHz/ Nss3 MCS0/ Ch.54/ Ant1



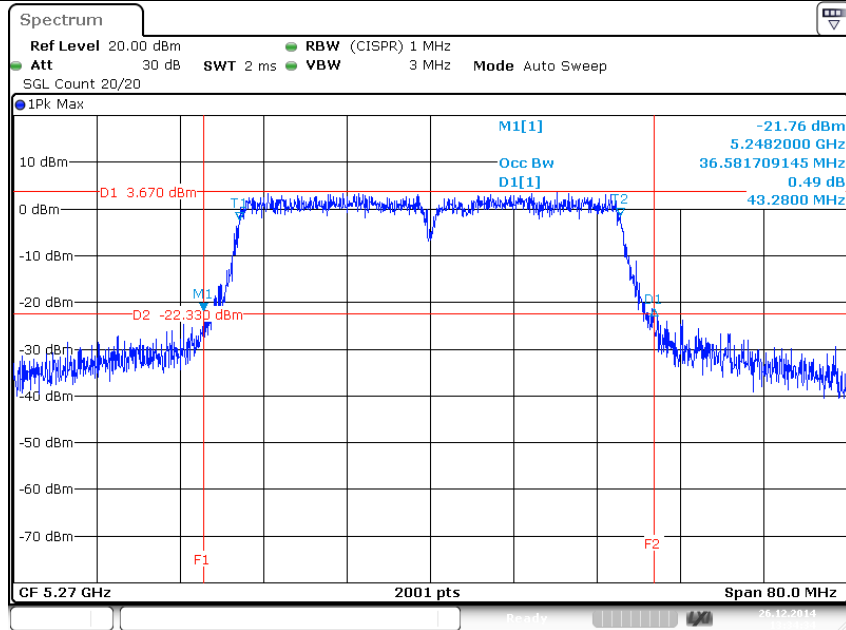
Date: 26.DEC.2014 13:34:22

802.11ac 40MHz/ Nss3 MCS0/ Ch.54/ Ant2



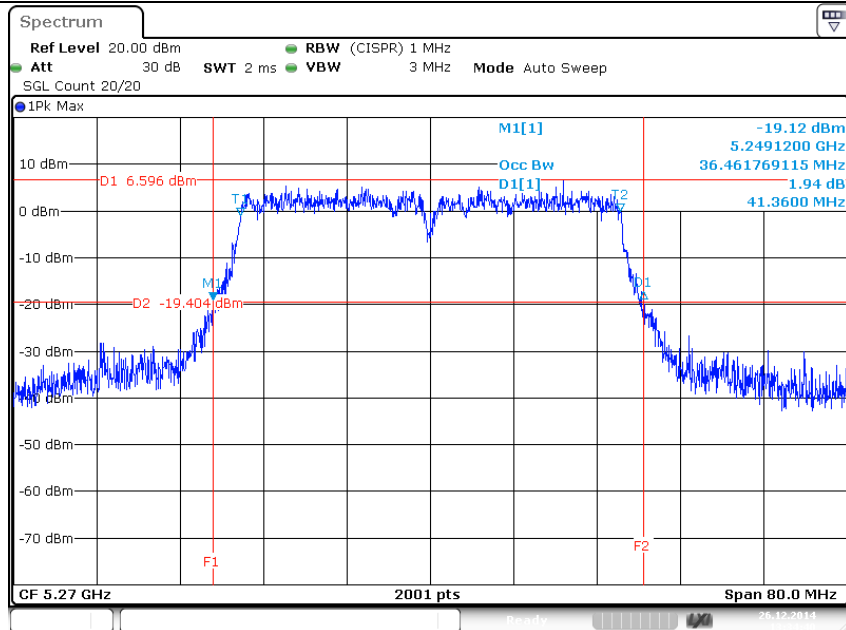
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802.11ac 40MHz/ Nss3 MCS0/ Ch.54/ Ant3



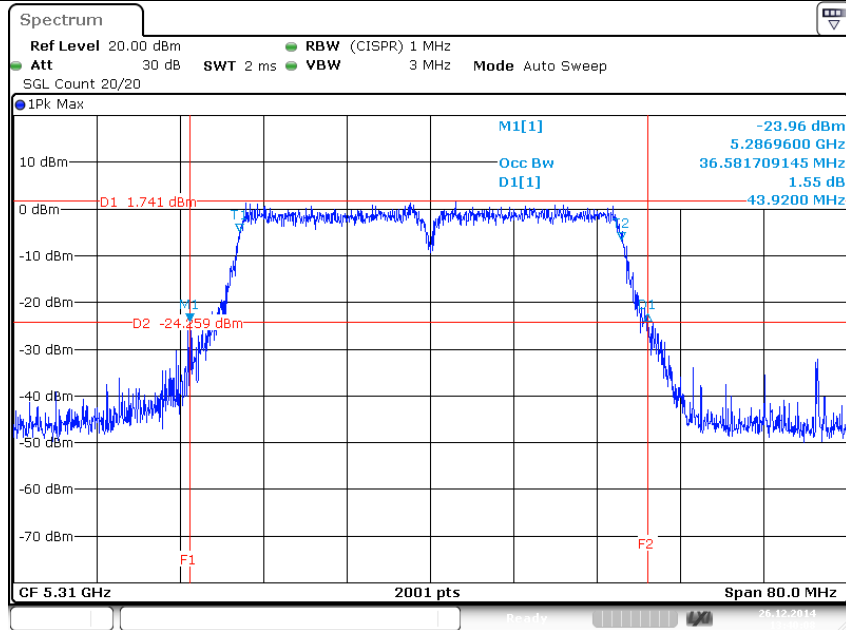
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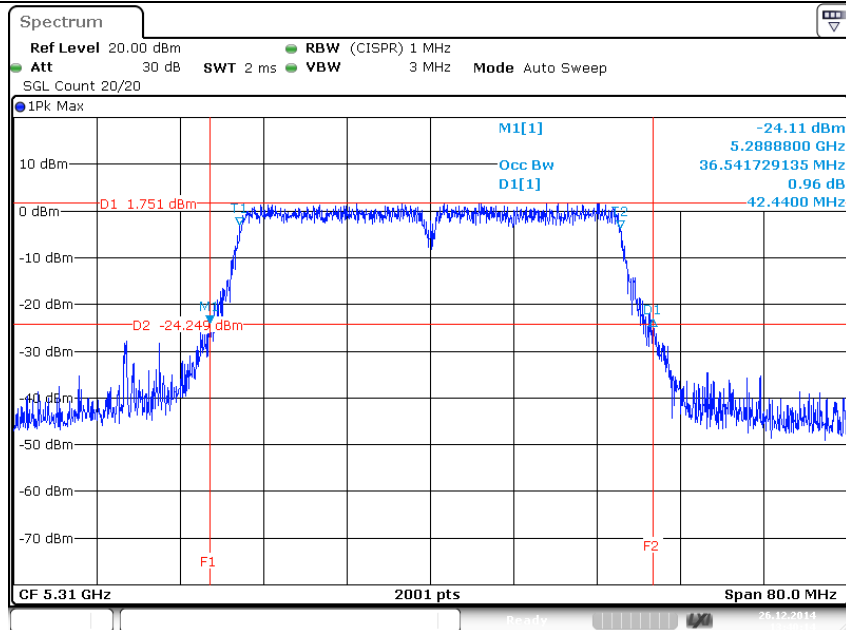
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802.11ac 40MHz/ Nss3 MCS0/ Ch.62/ Ant1



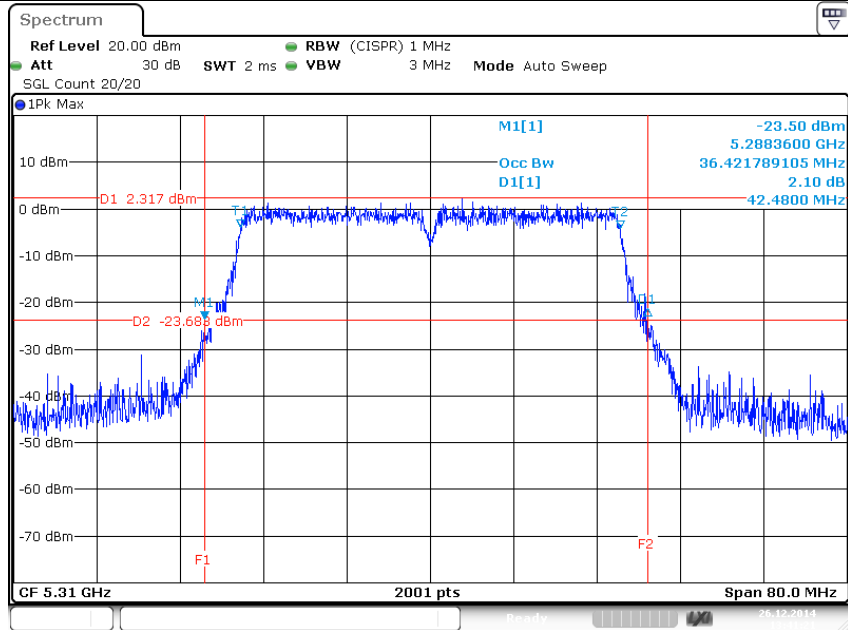
Date: 26.DEC.2014 13:40:08

802.11ac 40MHz/ Nss3 MCS0/ Ch.62/ Ant2



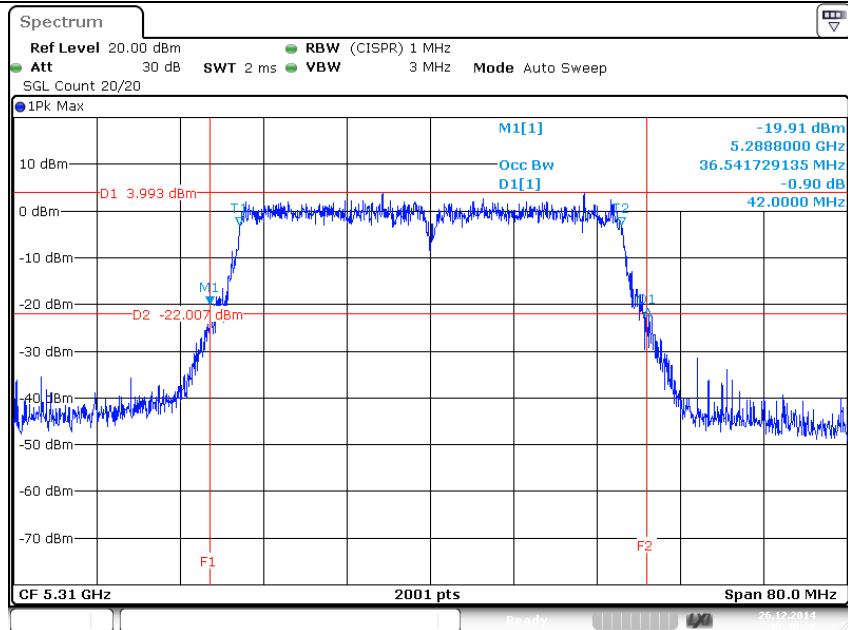
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802.11ac 40MHz/ Nss3 MCS0/ Ch.62/ Ant3



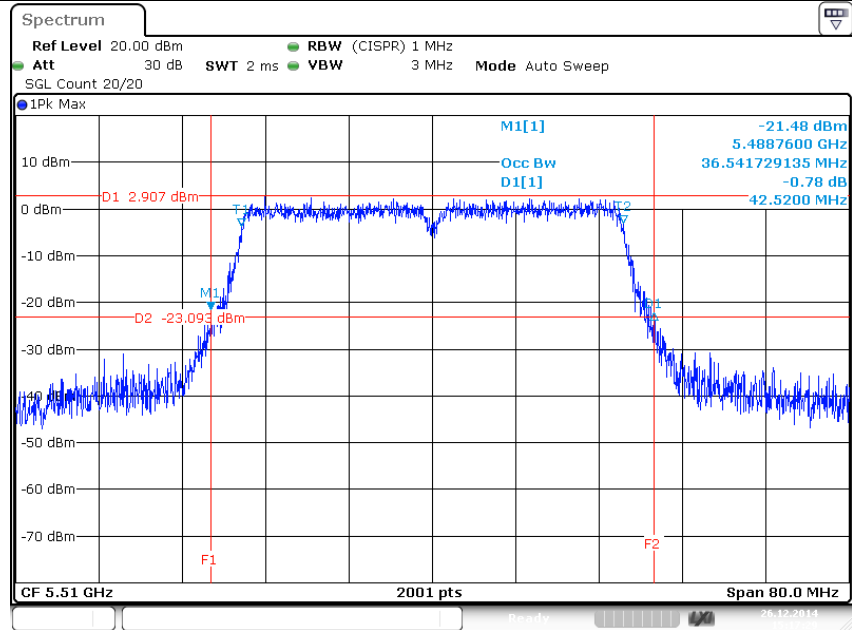
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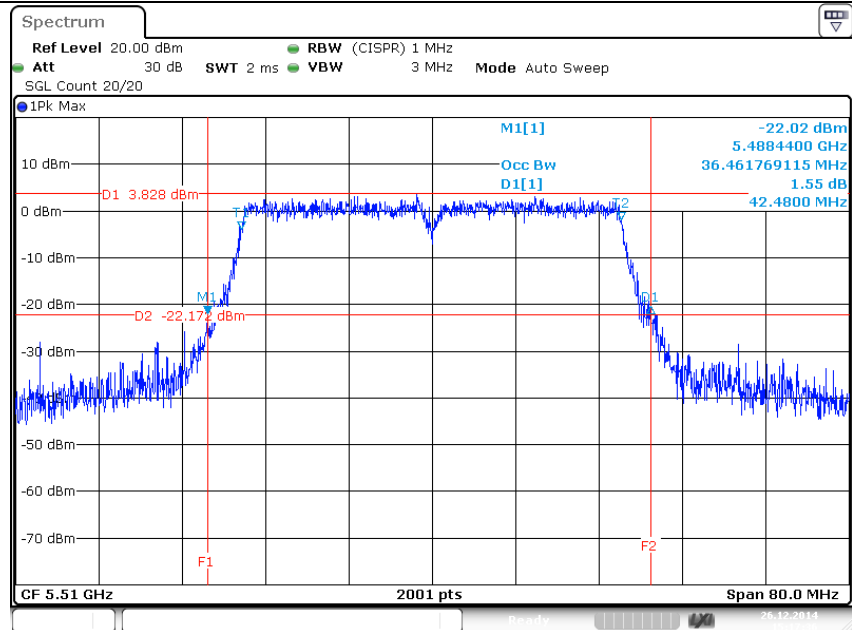
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802.11ac 40MHz/ Nss3 MCS0/ Ch.102/ Ant1



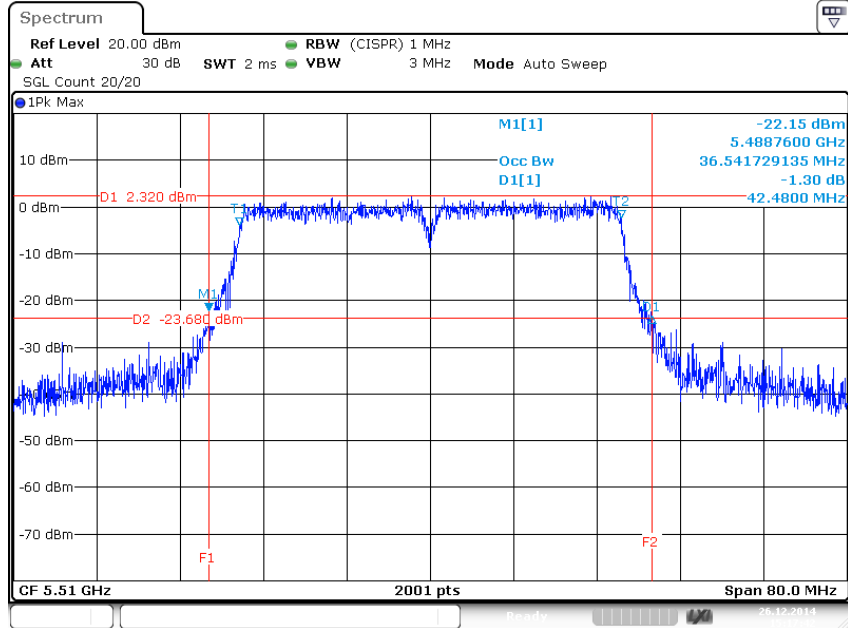
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802.11ac 40MHz/ Nss3 MCS0/ Ch.102/ Ant2

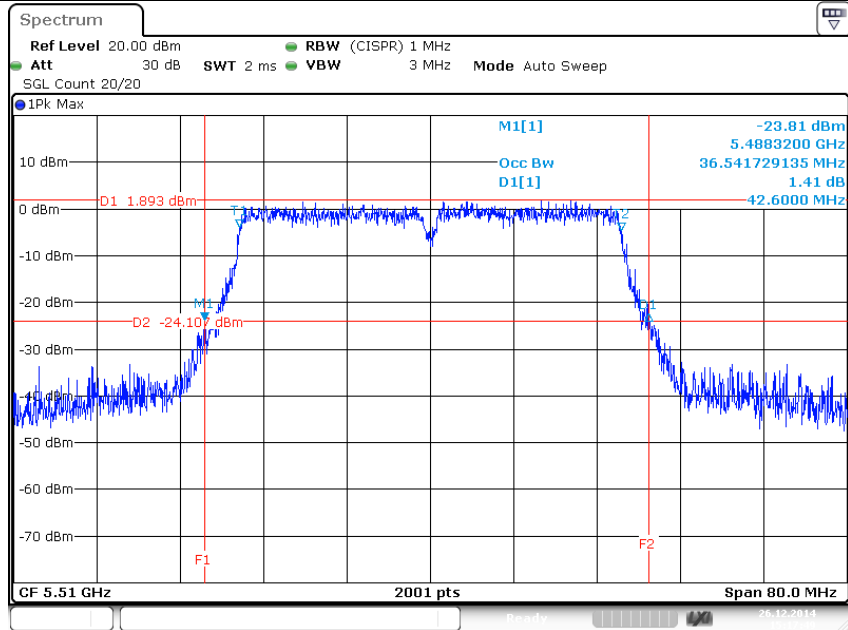


Date: 26.DEC.2014 15:17:35

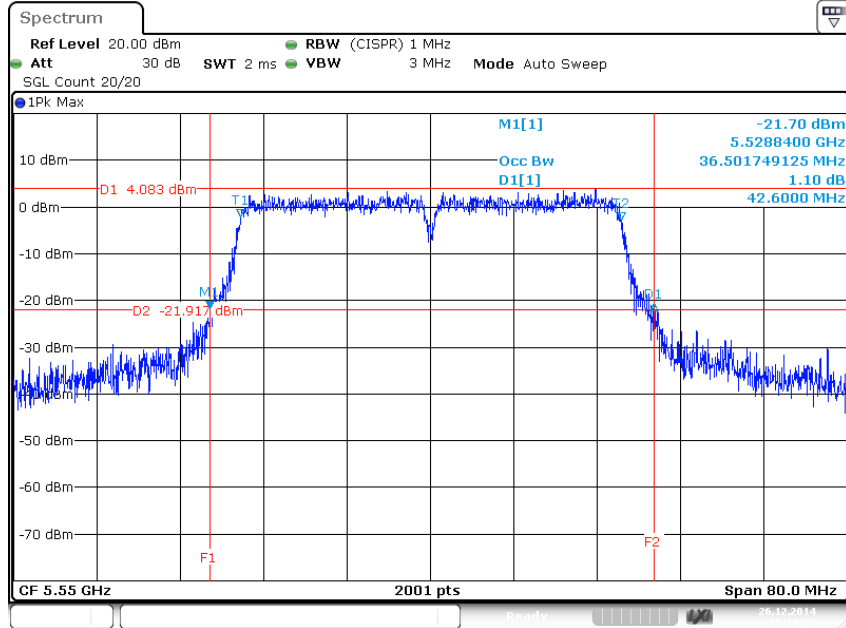
802.11ac 40MHz/ Nss3 MCS0/ Ch.102/ Ant3



802.11ac 40MHz/ Nss3 MCS0/ Ch.102/ Ant4

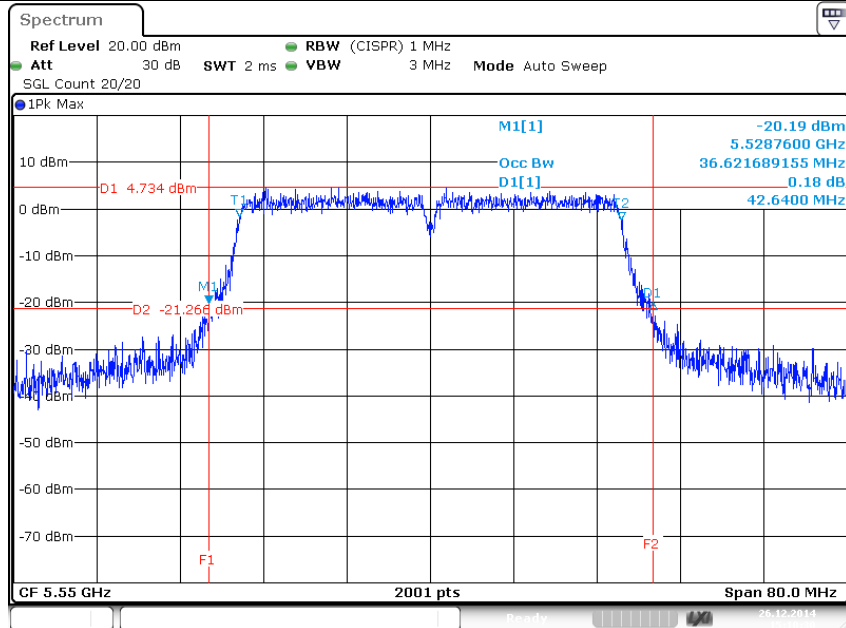


802.11ac 40MHz/ Nss3 MCS0/ Ch.110/ Ant1



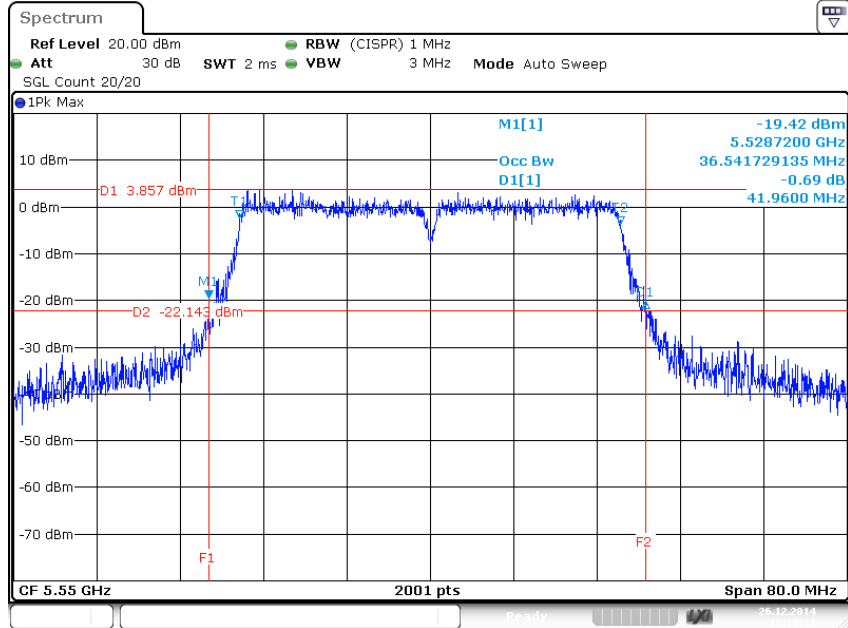
Date: 26.DEC.2014 15:10:24

802.11ac 40MHz/ Nss3 MCS0/ Ch.110/ Ant2



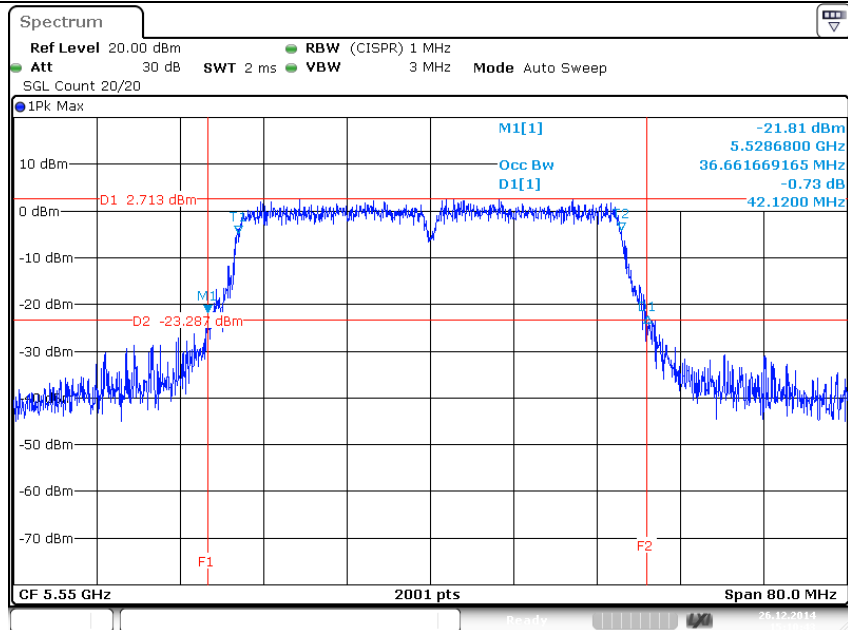
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802.11ac 40MHz/ Nss3 MCS0/ Ch.110/ Ant3



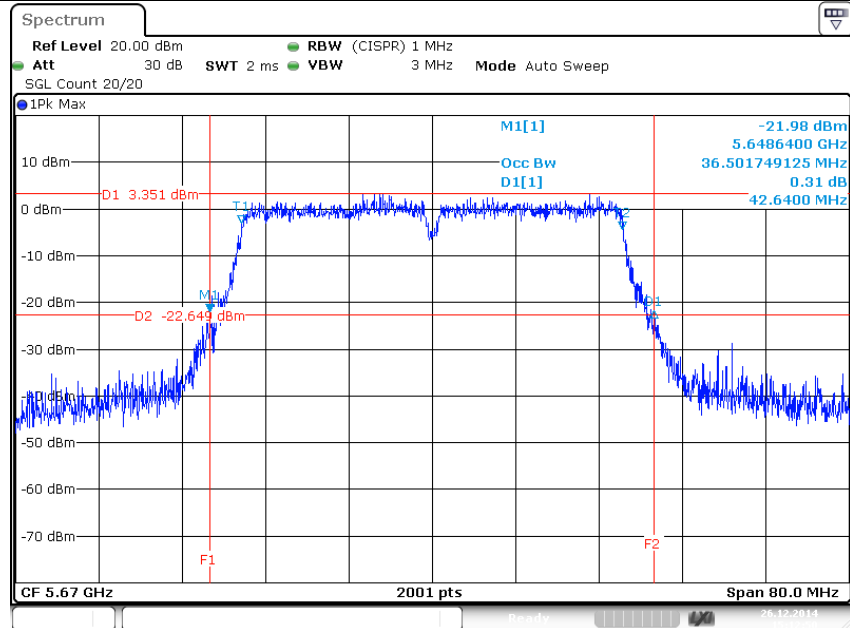
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802.11ac 40MHz/ Nss3 MCS0/ Ch.110/ Ant4

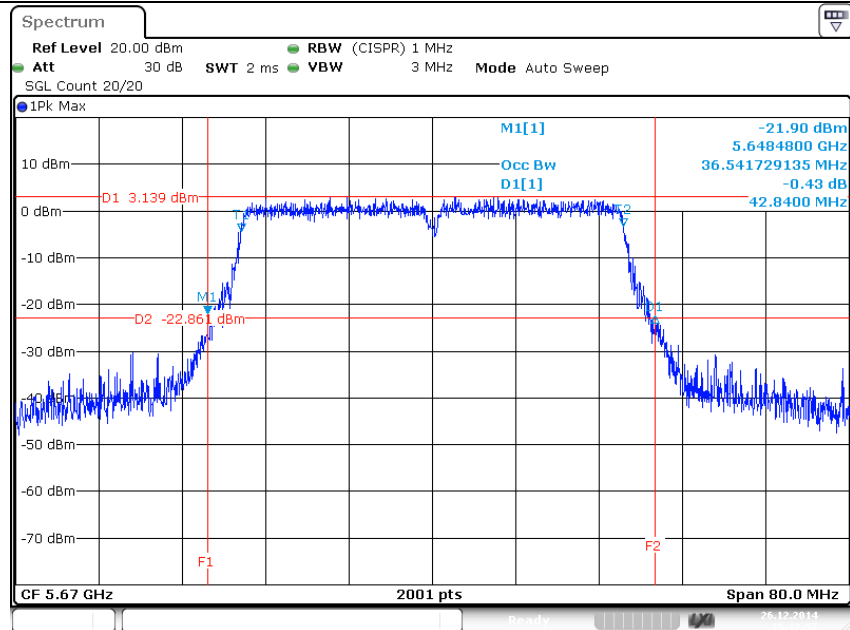


Date: 26.DEC.2014 15:10:43

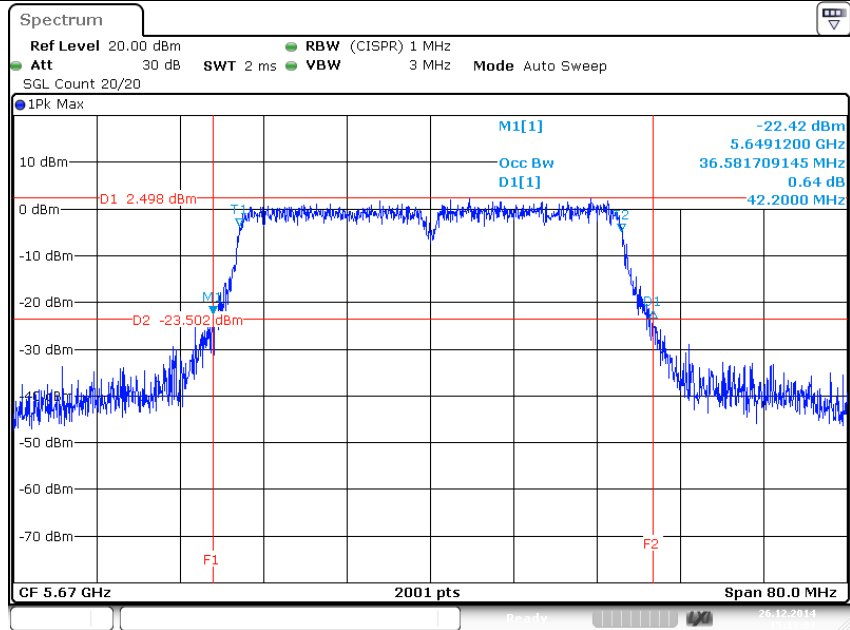
802.11ac 40MHz/ Nss3 MCS0/ Ch.134/ Ant1



802.11ac 40MHz/ Nss3 MCS0/ Ch.134/ Ant2

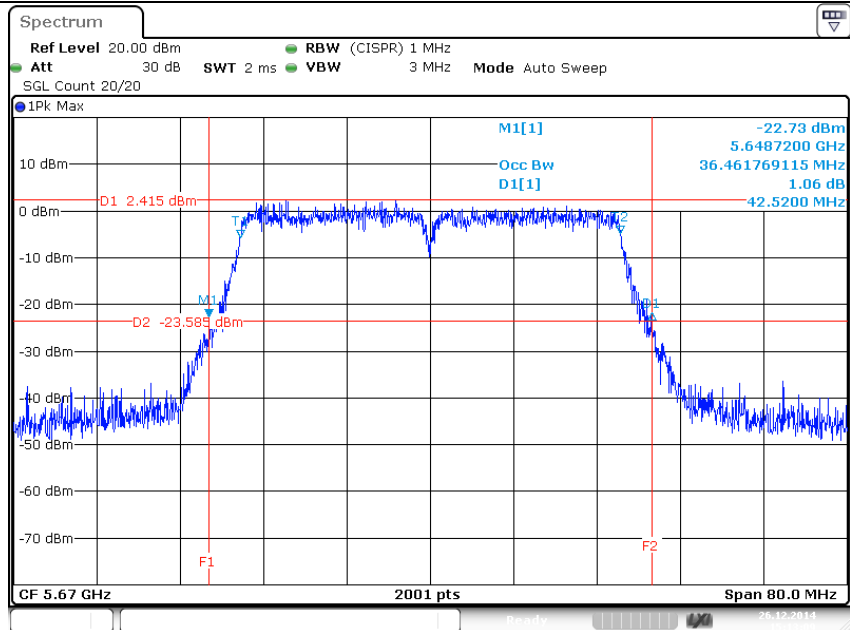


802.11ac 40MHz/ Nss3 MCS0/ Ch134/ Ant3



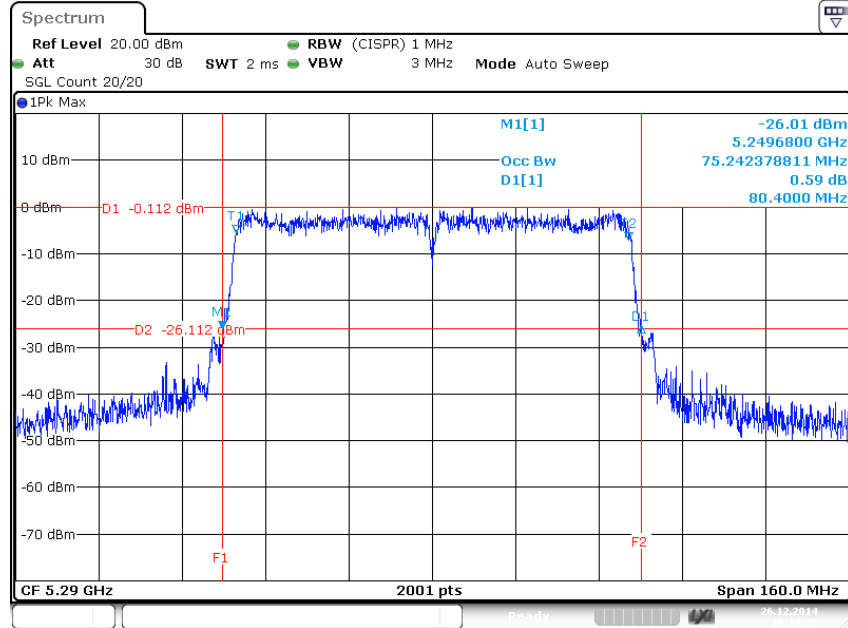
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802.11ac 40MHz/ Nss3 MCS0/ Ch134/ Ant4



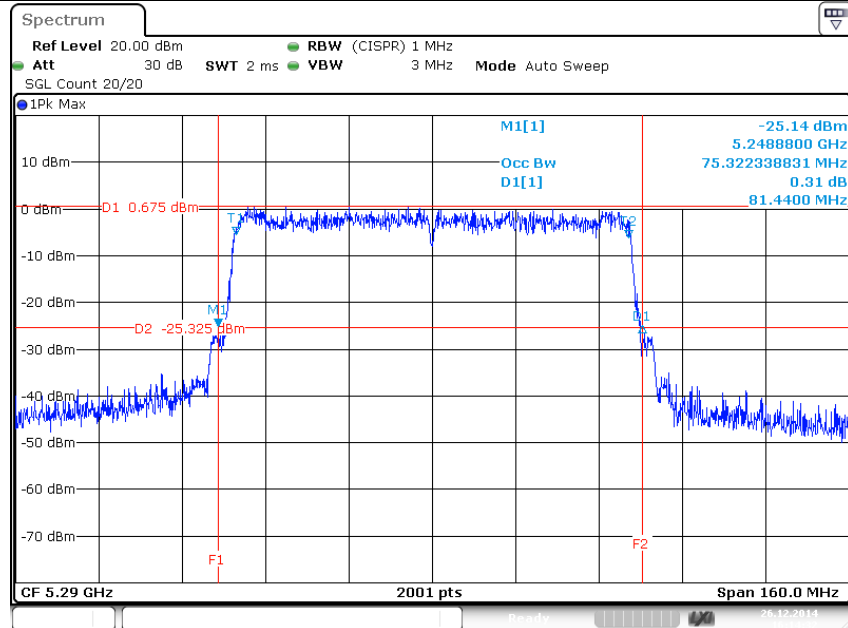
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802.11ac 80MHz/ Nss3 MCS0/ Ch.58/ Ant1



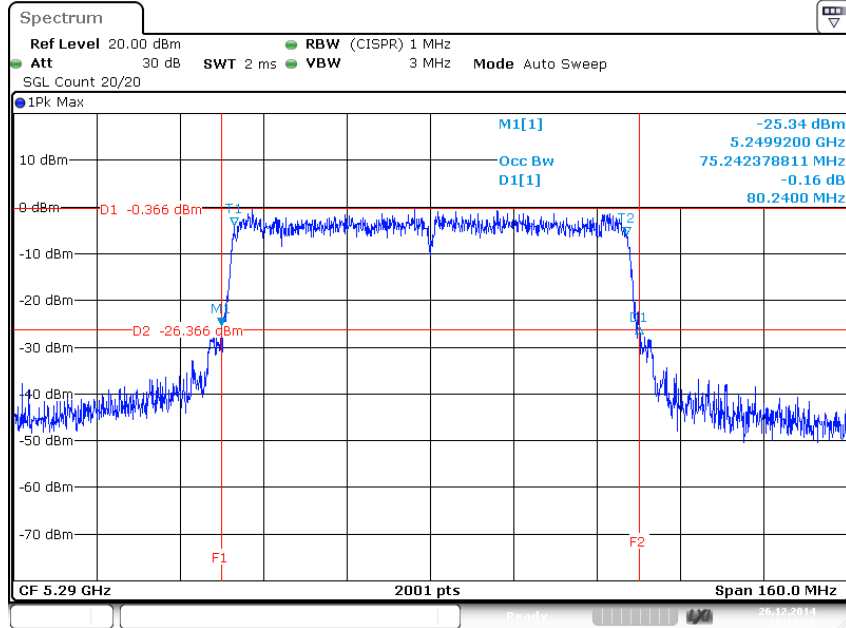
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802.11ac 80MHz/ Nss3 MCS0/ Ch.58/ Ant2

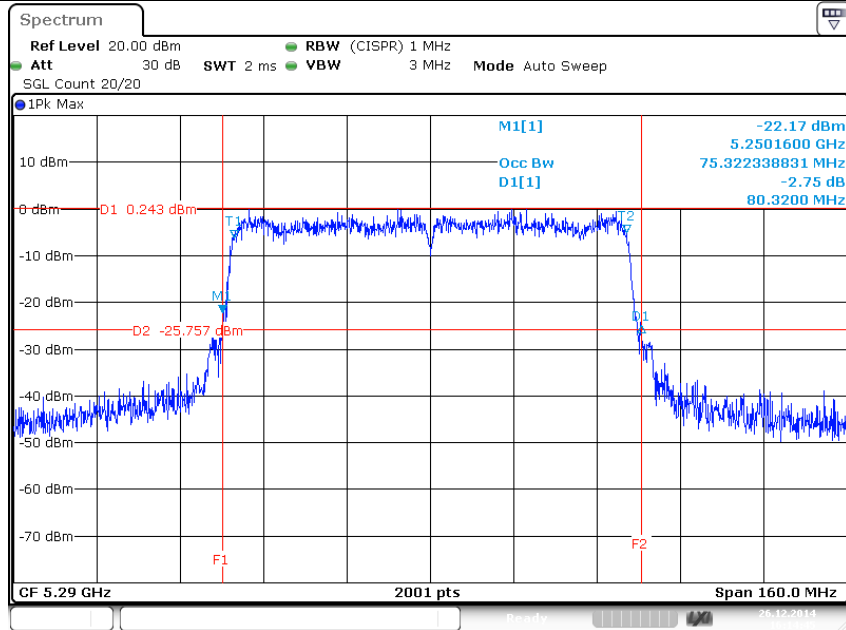


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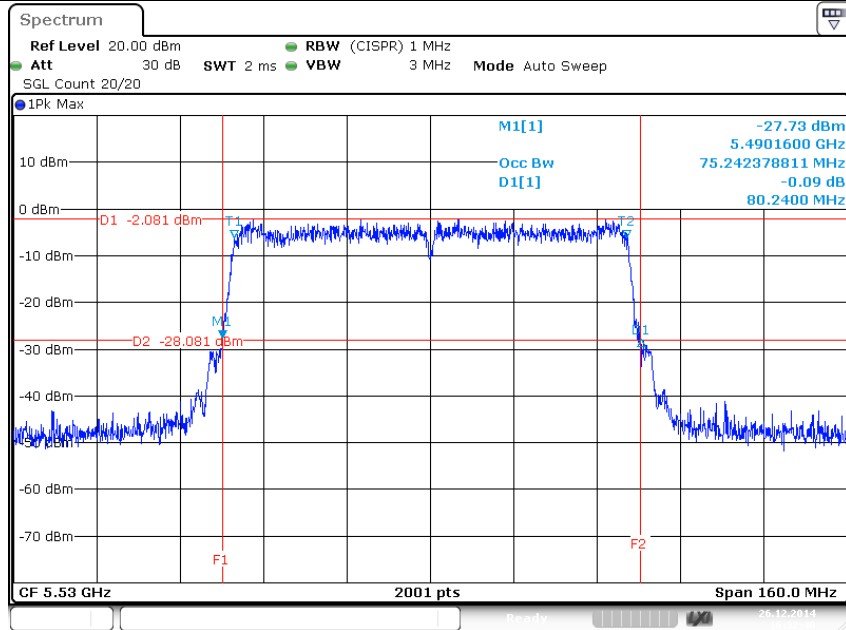
802.11ac 80MHz/ Nss3 MCS0/ Ch.58/ Ant3



802.11ac 80MHz/ Nss3 MCS0/ Ch.58/ Ant4

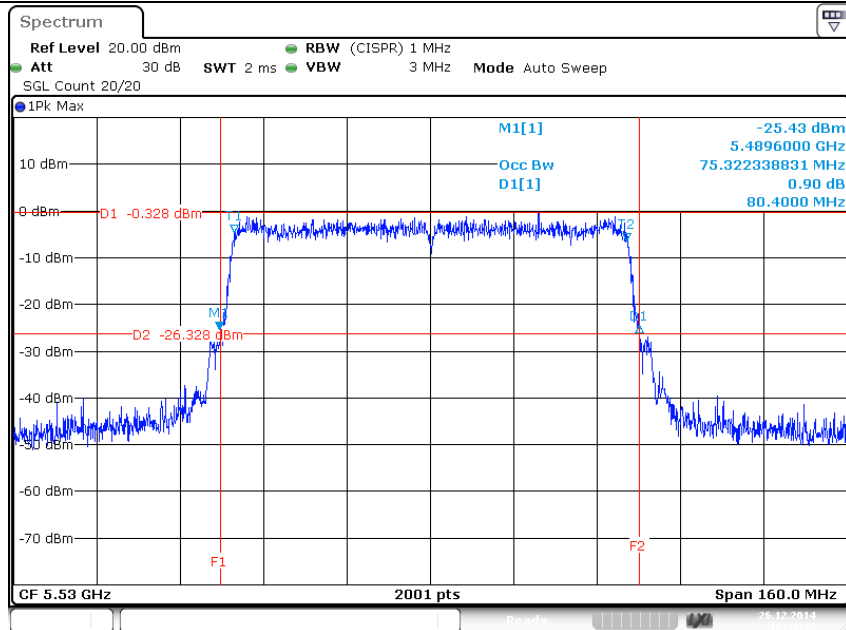


802.11ac 80MHz/ Nss3 MCS0/ Ch.106/ Ant1



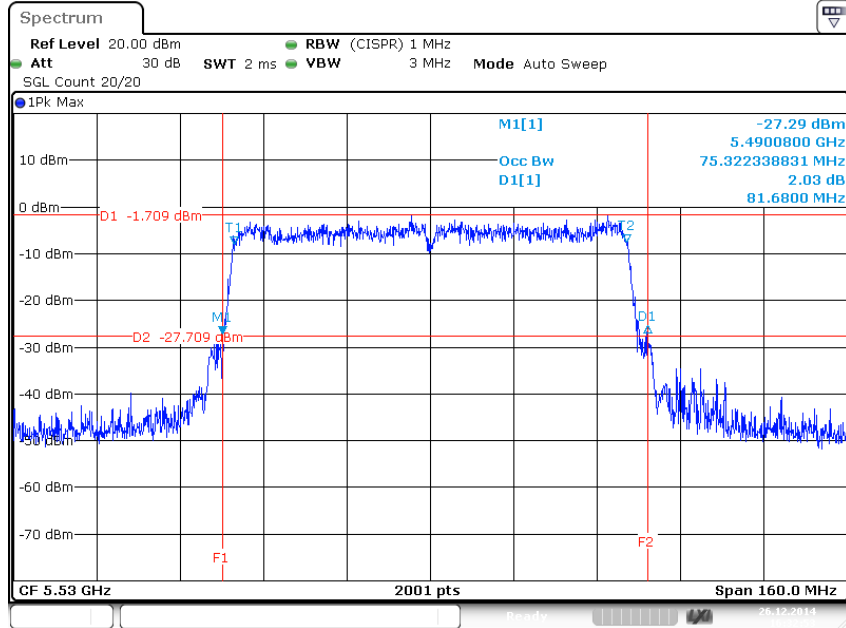
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802.11ac 80MHz/ Nss3 MCS0/ Ch.106/ Ant2

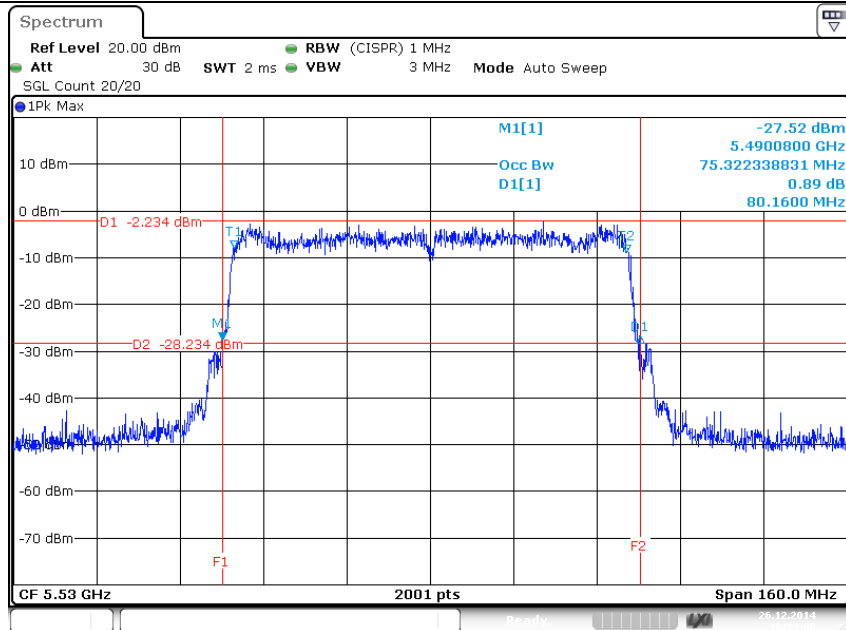


Date: 26.DEC.2014 16:32:46

802.11ac 80MHz/ Nss3 MCS0/ Ch.106/ Ant3



802.11ac 80MHz/ Nss3 MCS0/ Ch.106/ Ant4



3.3 Maximum Conducted Output Power Measurement

3.3.1 Limit

Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p $\leq$ 125mW (21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
	v	Indoor Access Point	1 Watt (30 dBm)
		Mobile and Portable client device	250mW (24 dBm)
U-NII-2A	v	---	250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	v	---	250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	v	---	1 Watt (30 dBm)

NOTE: *B is the 26 dB emission bandwidth in megahertz

3.3.2 Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of Power Meter

Power Meter Parameter	Setting
Filter No.	Auto
Measurement time	0.135 s ~ 26 s
Power Sensor	MA2411B

3.3.3 Measuring Instruments and Setting

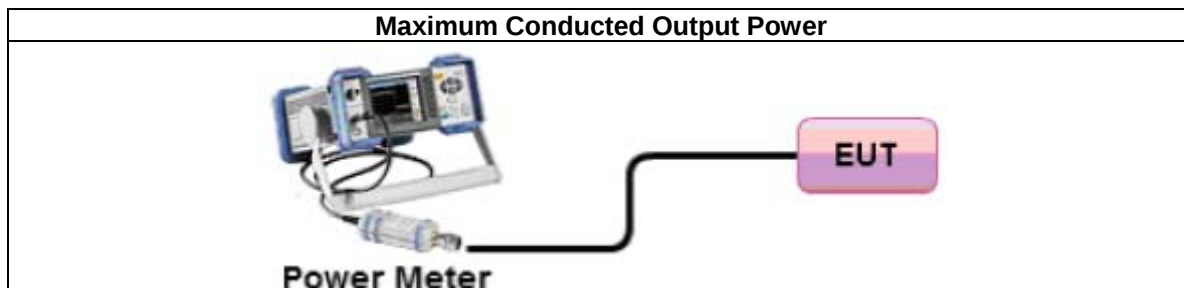
Please refer to section 5 of equipments list in this report. The following table is the setting of Power Meter

Power Meter Parameter	Setting
Filter No.	Auto
Measurement time	0.135 s ~ 26 s
Power Sensor	MA2411B

Test Procedures

1. Test was performed in accordance with Measurement of Digital Transmission Systems Operating under 789033 D02 General UNII Test Procedures New Rules v01, in section "Maximum conducted output power Method (3)" , 06/06/2014
2. The average power sensor was used on the output port of the EUT. A power meter was used to read the response of the average power sensor to get the all on time transmission. Record the average power level.
3. When measuring maximum conducted output power with multiple antenna systems, add every result of the values by mathematic formula.
4. Adjust the measurement in dBm by adding 10 log(1/x) where x is the duty cycle. Record the average

3.3.4 Test Setup Layout



3.3.5 Test Deviation

There are no deviation with the original standard.

3.3.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

3.3.7 Test Signal Duty Cycle

Operated Mode for Worst Duty Cycle	
☒ Operated test mode for worst duty cycle	
Test Signal Duty Cycle (x)	Power Duty Factor [dB] (10 log 1/x)
☒ 100.00% - IEEE 802.11a	0
☒ 96.26% - IEEE 802.11ac (VHT20)	0.17
☒ 98.27% - IEEE 802.11ac (VHT40)	0.08
☒ 96.47% - IEEE 802.11ac (VHT80)	0.16

Note: When measuring the data for each output port, we measured the data by adding $10 \log(1/x)$ where x is the duty cycle above the table.

3.3.8 Test Result for Maximum Conducted Output Power

Final Test Date	Jan. 18, 2015	Test Site No.	TH06-HY
Temperature	23.2℃	Humidity	61%
Configurations	802.11a	Duty Cycle	100%
Test Engineer	Leo		

Configuration IEEE 802.11a

<Ant. 1+2+3+4, CDD>

Channel	Frequency	Conducted Power (dBm)				Directional Gain	Max. Limit (dBm)	Total Conducted Power (dBm)
		Ant1	Ant2	Ant3	Ant4			
52	5260 MHz	15.67	15.91	15.96	16.13	5.94	24.00	21.94
60	5300 MHz	16.02	15.75	15.64	16.15	5.94	24.00	21.92
64	5320 MHz	15.37	16.10	15.49	16.02	5.69	24.00	21.78
100	5500 MHz	15.20	14.84	15.18	16.20	6.48	23.52	21.41
116	5580 MHz	15.15	15.03	15.59	15.91	6.41	23.59	21.45
140	5700 MHz	15.47	14.59	15.09	15.90	6.49	23.51	21.31
Result	Complied							

Final Test Date	Jan. 18, 2015	Test Site No.	TH06-HY
Temperature	23.2°C	Humidity	61%
Configurations	802.11ac 20MHz	Duty Cycle	100% 96.26% (only for Nss2 MCS0)
Test Engineer	Leo		

Configuration IEEE 802.11ac 20MHz
< Nss1 MCS0, ANT1+2+3+4, CDD >

Channel	Frequency	Conducted Power (dBm)				Directional Gain	Max. Limit (dBm)	Total Conducted Power (dBm)
		Ant1	Ant2	Ant3	Ant4			
52	5260 MHz	16.32	15.88	15.82	15.60	5.94	24.00	21.93
60	5300 MHz	16.35	16.31	16.02	15.80	5.94	24.00	22.15
64	5320 MHz	15.65	15.81	15.47	16.22	5.69	24.00	21.82
100	5500 MHz	15.13	15.08	16.00	16.59	6.48	23.52	21.77
116	5580 MHz	15.00	15.09	15.53	16.38	6.41	23.59	21.56
140	5700 MHz	15.03	14.50	15.43	15.99	6.49	23.51	21.29
Result	Complied							

< Nss2 MCS0, ANT1+2+3+4, TXBF >

Channel	Frequency	Conducted Power (dBm)				Directional Gain	Max. Limit (dBm)	Total Conducted Power (dBm)
		Ant1	Ant2	Ant3	Ant4			
52	5260 MHz	16.95	16.74	16.62	16.87	3.15	24.00	22.81
60	5300 MHz	16.92	17.11	16.62	16.94	3.09	24.00	22.92
64	5320 MHz	16.86	17.05	16.21	17.05	2.99	24.00	22.82
100	5500 MHz	16.99	16.52	17.31	17.72	3.53	24.00	23.17
116	5580 MHz	16.86	16.63	17.12	17.72	3.44	24.00	23.12
140	5700 MHz	15.70	15.30	16.25	16.62	3.49	24.00	22.01
Result	Complied							

< Nss3 MCS0, ANT1+2+3+4, TXBF >

Channel	Frequency	Conducted Power (dBm)				Directional Gain	Max. Limit (dBm)	Total Conducted Power (dBm)
		Ant1	Ant2	Ant3	Ant4			
52	5260 MHz	17.18	17.45	17.83	17.40	5.28	24.00	23.49
60	5300 MHz	17.34	17.52	17.79	17.34	5.35	24.00	23.52
64	5320 MHz	17.29	17.63	17.47	17.78	5.27	24.00	23.57
100	5500 MHz	17.24	16.78	17.69	17.65	4.98	24.00	23.38
116	5580 MHz	16.98	17.29	17.66	17.41	4.74	24.00	23.36
140	5700 MHz	16.31	15.37	16.46	16.30	4.41	24.00	22.15
Result	Complied							

Final Test Date	Jan. 18, 2015	Test Site No.	TH06-HY
Temperature	23.2°C	Humidity	61%
Configurations	802.11ac 40MHz	Duty Cycle	100% 98.27% (only for Nss2 MCS0)
Test Engineer	Leo		

Configuration IEEE 802.11ac 40MHz
< Nss1 MCS0, ANT1+2+3+4, CDD >

Channel	Frequency	Conducted Power (dBm)				Directional Gain	Max. Limit (dBm)	Total Conducted Power (dBm)
		Ant1	Ant2	Ant3	Ant4			
54	5270 MHz	16.19	16.38	16.32	16.75	5.84	24.00	22.44
62	5310 MHz	17.04	17.42	17.28	17.78	6.11	23.89	23.41
102	5510 MHz	15.53	15.37	16.38	16.61	6.38	23.62	22.03
110	5550 MHz	15.55	15.51	16.25	16.50	6.35	23.65	21.99
134	5670 MHz	15.68	15.21	15.76	16.58	6.69	23.31	21.86
Result	Complied							

< Nss2 MCS0, ANT1+2+3+4, TXBF >

Channel	Frequency	Conducted Power (dBm)				Directional Gain	Max. Limit (dBm)	Total Conducted Power (dBm)
		Ant1	Ant2	Ant3	Ant4			
54	5270 MHz	17.41	18.26	17.92	18.03	3.04	24.00	23.93
62	5310 MHz	15.59	16.29	15.81	16.33	3.44	24.00	22.03
102	5510 MHz	17.49	17.29	17.49	17.39	3.43	24.00	23.43
110	5550 MHz	17.26	16.77	17.64	18.03	3.39	24.00	23.47
134	5670 MHz	16.50	15.89	16.15	17.33	3.72	24.00	22.52
Result	Complied							

< Nss3 MCS0, ANT1+2+3+4, TXBF >

Channel	Frequency	Conducted Power (dBm)				Directional Gain	Max. Limit (dBm)	Total Conducted Power (dBm)
		Ant1	Ant2	Ant3	Ant4			
54	5270 MHz	17.05	16.85	17.59	17.66	5.11	24.00	23.32
62	5310 MHz	15.88	16.07	16.13	16.43	5.73	24.00	22.15
102	5510 MHz	16.63	17.50	16.83	16.17	4.93	24.00	22.83
110	5550 MHz	16.83	17.66	16.92	16.00	4.74	24.00	22.91
134	5670 MHz	16.76	17.66	16.80	15.97	4.36	24.00	22.86
Result	Complied							

Final Test Date	Jan. 18, 2015	Test Site No.	TH06-HY
Temperature	23.2°C	Humidity	61%
Configurations	802.11ac 80MHz	Duty Cycle	100% 96.47% (only for Nss2 MCS0)
Test Engineer	Leo		

Configuration IEEE 802.11ac 80MHz
< NSS1MCS 0, ANT1+2+3+4, CDD >

Channel	Frequency	Conducted Power (dBm)				Directional Gain	Max. Limit (dBm)	Total Conducted Power (dBm)
		Ant1	Ant2	Ant3	Ant4			
58	5290 MHz	16.68	17.03	16.85	17.60	5.79	24.00	23.07
106	5530 MHz	15.60	15.30	15.76	16.44	6.35	23.65	21.82
Result	Complied							

< NSS2MCS 0, ANT1+2+3+4, TXBF >

Channel	Frequency	Conducted Power (dBm)				Directional Gain	Max. Limit (dBm)	Total Conducted Power (dBm)
		Ant1	Ant2	Ant3	Ant4			
58	5290 MHz	16.46	16.80	16.43	16.94	3.04	24.00	22.68
106	5530 MHz	15.89	15.66	15.51	16.24	3.41	24.00	21.85
Result	Complied							

< NSS3MCS 0, ANT1+2+3+4, TXBF >

Channel	Frequency	Conducted Power (dBm)				Directional Gain	Max. Limit (dBm)	Total Conducted Power (dBm)
		Ant1	Ant2	Ant3	Ant4			
58	5290 MHz	16.82	17.41	16.66	16.54	5.24	24.00	22.89
106	5530 MHz	15.47	16.09	15.65	14.58	4.91	24.00	21.50
Result	Complied							

3.4 Power Spectral Density Measurement

3.4.1 Limit

Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	17dBm/ MHz
		Fixed point-to-point Access Point	
	v	Indoor Access Point	
		Mobile and Portable client device	11dBm/ MHz
U-NII-2A	v	---	11dBm/ MHz
U-NII-2C	v	---	11dBm/ MHz
U-NII-3	v	---	30 dBm/500kHz (=23.01dBm/100kHz)

Note: $23.01\text{dBm}/100\text{kHz} = 30\text{dBm}/500\text{kHz} - 10\log\left(\frac{500\text{kHz}}{100\text{kHz}}\right)$

3.4.2 Measuring Instruments and Setting

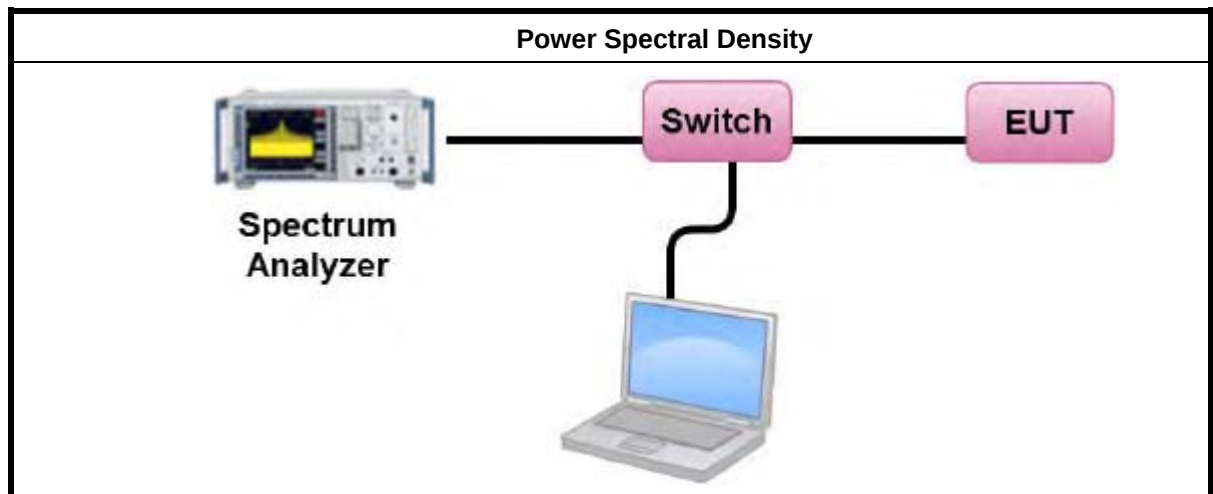
Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter Setting	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RB	1 MHz
VB	≥ 3 MHz
Detector	RMS
Trace	Average
Sweep Time	Auto, trigger set to "free run"
Trace average	100 times

3.4.3 Test Procedures

1. The transmitter output (antenna port) was connected RF switch to the spectrum analyzer.
2. For U-NII-1, U-NII-2A & U-NII-2C Bands, PSD Measure was performed in accordance with 789033 D02 General UNII Test Procedures New Rules v01, in section "Maximum conducted output power (E)(2)(d) Method SA-2", 06/06/2014
3. For U-NII-3 Band, PSD Measure was performed in accordance with 789033 D02 General UNII Test Procedures New Rules v01, in section "Maximum Power Spectral Density (F)(5)", 10/31/2013
4. Multiple antenna systems was performed in accordance 662911 D01 Multiple Transmitter Output v02r01 in-Band Power Spectral Density (PSD) Measurements (b) Measure and sum spectral maxima across the outputs.
5. With this technique, spectra are measured at each output of the device at the required resolution bandwidth. The maximum value(peak) of each spectrum is determined.
6. These maximum values are then summed mathematically in linear power units across the outputs.

3.4.4 Test Setup Layout



Note: The RF switch is used to route individual DUT RF outputs to the single spectrum analyzer input for conducted-type measurements.

3.4.5 Test Deviation

There are no deviation with the original standard.

3.4.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

3.4.7 Test Signal Duty Cycle

Operated Mode for Worst Duty Cycle	
☒ Operated test mode for worst duty cycle	
Test Signal Duty Cycle (x)	Power Duty Factor[dB] (10 log 1/x)
☒ 100.00% - IEEE 802.11a	0
☒ 96.26% - IEEE 802.11ac (VHT20)	0.17
☒ 98.27% - IEEE 802.11ac (VHT40)	0.08
☒ 96.47% - IEEE 802.11ac (VHT80)	0.16

Note: When measuring the data for each output port, we measured the data by adding 10 log(1/x) where x is the duty cycle above the tablet.

3.4.8 Test Result of Power Spectral Density

Final Test Date	Jan. 18, 2015	Test Site No.	TH06-HY
Temperature	23.2 °C	Humidity	61%
Configurations	802.11a	Duty Cycle	100%
Test Engineer	Leo		

Configuration IEEE 802.11a

<Ant. 1+2+3+4, CDD>

Channel	Frequency	Power Density (dBm/MHz)				Total Power Density (dBm/MHz)	Directional Gain	Max. Limit (dBm/MHz)
		Ant1	Ant2	Ant3	Ant4			
52	5260 MHz	3.21	3.40	3.99	3.81	9.63	5.94	11.00
60	5300 MHz	3.72	3.55	3.23	3.89	9.62	5.94	11.00
64	5320 MHz	2.94	3.97	3.29	3.59	9.48	5.69	11.00
100	5500 MHz	2.93	2.66	2.88	3.72	9.09	6.48	10.52
116	5580 MHz	2.73	2.55	3.54	3.32	9.07	6.41	10.59
140	5700 MHz	3.25	2.27	2.76	3.39	8.96	6.49	10.51
Result	Complied							

Final Test Date	Jan. 18, 2015	Test Site No.	TH06-HY
Temperature	23.2°C	Humidity	61%
Configurations	802.11ac 20MHz	Duty Cycle	100% 96.26% (only for Nss2 MCS0)
Test Engineer	Leo		

Configuration IEEE 802.11ac 20MHz

<Ant. 1+2+3+4, CDD>

Channel	Frequency	Power Density (dBm/MHz)				Total Power Density (dBm/MHz)	Directional Gain	Max. Limit (dBm/MHz)
		Ant1	Ant2	Ant3	Ant4			
52	5260 MHz	3.75	3.17	3.38	3.06	9.37	5.94	11.00
60	5300 MHz	3.91	3.75	3.49	3.57	9.70	5.94	11.00
64	5320 MHz	3.04	3.30	2.86	3.50	9.20	5.69	11.00
100	5500 MHz	2.58	2.56	3.42	3.92	9.18	6.48	10.52
116	5580 MHz	2.77	2.72	2.90	3.65	9.05	6.41	10.59
140	5700 MHz	2.48	1.87	2.96	3.17	8.67	6.49	10.51
Result	Complied							

< Nss2MCS 0, ANT1+2+3+4, TXBF >

Channel	Frequency	Power Density (dBm/MHz)				Total Power Density (dBm/MHz)	Directional Gain	Max. Limit (dBm/MHz)
		Ant1	Ant2	Ant3	Ant4			
52	5260 MHz	4.52	4.07	3.76	4.94	10.36	3.15	11.00
60	5300 MHz	4.54	4.78	4.41	4.46	10.57	3.09	11.00
64	5320 MHz	4.24	4.76	4.05	4.89	10.52	2.99	11.00
100	5500 MHz	4.70	3.91	4.48	4.97	10.55	3.53	11.00
116	5580 MHz	4.19	3.96	4.51	5.07	10.47	3.44	11.00
140	5700 MHz	3.08	2.72	3.65	3.61	9.30	3.49	11.00
Result	Complied							

< Nss3MCS 0, ANT1+2+3+4, TXBF >

Channel	Frequency	Power Density (dBm/MHz)				Total Power Density (dBm/MHz)	Directional Gain	Max. Limit (dBm/MHz)
		Ant1	Ant2	Ant3	Ant4			
52	5260 MHz	4.72	4.77	5.25	5.07	10.98	5.28	11.00
60	5300 MHz	4.60	4.81	5.39	5.02	10.99	5.35	11.00
64	5320 MHz	4.44	5.28	4.83	5.27	10.99	5.27	11.00
100	5500 MHz	4.50	4.48	4.95	5.18	10.81	4.98	11.00
116	5580 MHz	4.20	4.64	5.27	5.01	10.82	4.74	11.00
140	5700 MHz	3.78	2.73	4.16	3.72	9.65	4.41	11.00
Result	Complied							

Final Test Date	Jan. 18, 2015	Test Site No.	TH06-HY
Temperature	23.2℃	Humidity	61%
Configurations	802.11ac 40MHz	Duty Cycle	100% 96.26% (only for Nss2 MCS0)
Test Engineer	Leo		

Configuration IEEE 802.11ac 40MHz

<Ant. 1+2+3+4, CDD>

Channel	Frequency	Power Density (dBm/MHz)				Total Power Density (dBm/MHz)	Directional Gain	Max. Limit (dBm/MHz)
		Ant1	Ant2	Ant3	Ant4			
54	5270 MHz	0.45	0.69	0.56	1.17	6.75	5.84	11.00
62	5310 MHz	1.52	1.46	1.75	2.15	7.75	6.11	10.89
102	5510 MHz	-0.09	-0.30	0.57	0.92	6.32	6.38	10.62
110	5550 MHz	-0.28	-0.12	0.67	0.80	6.31	6.35	10.65
134	5670 MHz	0.10	-0.55	0.06	0.86	6.17	6.69	10.31
Result	Complied							

< Nss2 MCS0, ANT1+2+3+4, TXBF >

Channel	Frequency	Power Density (dBm/MHz)				Total Power Density (dBm/MHz)	Directional Gain	Max. Limit (dBm/MHz)
		Ant1	Ant2	Ant3	Ant4			
54	5270 MHz	2.07	2.98	2.62	2.52	8.58	3.04	11.00
62	5310 MHz	0.03	1.18	0.48	0.65	6.62	3.44	11.00
102	5510 MHz	1.98	1.78	1.64	1.97	7.86	3.43	11.00
110	5550 MHz	1.93	0.97	2.08	2.41	7.90	3.39	11.00
134	5670 MHz	1.22	0.33	0.59	1.54	6.96	3.72	11.00
Result	Complied							

< Nss3 MCS0, ANT1+2+3+4, TXBF >

Channel	Frequency	Power Density (dBm/MHz)				Total Power Density (dBm/MHz)	Directional Gain	Max. Limit (dBm/MHz)
		Ant1	Ant2	Ant3	Ant4			
54	5270 MHz	1.29	1.42	1.74	2.27	7.72	5.11	11.00
62	5310 MHz	0.18	0.46	0.98	0.72	6.62	5.73	11.00
102	5510 MHz	0.92	1.75	1.16	0.65	7.16	4.93	11.00
110	5550 MHz	1.14	1.92	1.47	0.37	7.28	4.74	11.00
134	5670 MHz	1.04	2.01	1.38	0.38	7.26	4.36	11.00
Result	Complied							

Final Test Date	Jan. 18, 2015	Test Site No.	TH06-HY
Temperature	23.2°C	Humidity	61%
Configurations	802.11ac 80MHz	Duty Cycle	100% 96.47% (only for Nss2 MCS0)
Test Engineer	Leo		

Configuration IEEE 802.11ac 80MHz
<Ant. 1+2+3+4, CDD>

Channel	Frequency	Power Density (dBm/MHz)				Total Power Density (dBm/MHz)	Directional Gain	Max. Limit (dBm/MHz)
		Ant1	Ant2	Ant3	Ant4			
58	5290 MHz	-1.60	-1.24	-1.51	-0.57	4.81	5.79	11.00
106	5530 MHz	-2.21	-2.45	-2.61	-1.91	3.73	6.35	10.65
Result	Complied							

<NSS2MCS 0, ANT1+2+3+4, TXBF >

Channel	Frequency	Power Density (dBm/MHz)				Total Power Density (dBm/MHz)	Directional Gain	Max. Limit (dBm/MHz)
		Ant1	Ant2	Ant3	Ant4			
58	5290 MHz	-1.83	-1.47	-1.91	-0.91	4.50	3.04	11.00
106	5530 MHz	-2.33	-2.53	-2.76	-2.31	3.54	3.41	11.00
Result	Complied							

<NSS3MCS 0, ANT1+2+3+4, TXBF >

Channel	Frequency	Power Density (dBm/MHz)				Total Power Density (dBm/MHz)	Directional Gain	Max. Limit (dBm/MHz)
		Ant1	Ant2	Ant3	Ant4			
58	5290 MHz	-1.66	-0.76	-1.09	-1.65	4.75	5.24	11.00
106	5530 MHz	-2.41	-2.33	-2.59	-3.58	3.32	4.91	11.00
Result	Complied							

4 Radiated Emissions Measurement

4.1 Limit of Unwanted emissions in the restricted bands

Radiated emissions which fall within the restricted band specified on 15.205(a) must comply with the radiated emission limits specified as below table:

Frequency Range (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Note:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBμV/m) = 20 log Emission level (μV/m).
3. For frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.

4.2 Limits of Unwanted Emission out of the restricted bands

EIRP LIMIT (dBm)	EQUIVALENT FIELD STRENGTH AT 3m (dBμV/m)	
Peak	Peak	Peak / Average
-27	68.3	74 /54

NOTE:

The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{100000\sqrt{30P}}{3} \mu\text{V/m, where } P \text{ is the eirp (Watts).}$$

4.3 Measuring Instruments and Setting

Please refer to section 4.9 of equipments list in this report. The following table is the setting of spectrum analyzer and receiver.

Spectrum Analyzer	Setting
Attenuation	Auto
Start Frequency	1GHz
Stop Frequency	10th carrier harmonic
RB / VB (Emission in restricted band)	1MHz / 3MHz for Peak, Dutycycle $\geq$ 98% 1MHz / 10Hz for Average Dutycycle < 98% 1MHz / $\geq$ (1/T) for Average, where T is pulse time.
RB / VB (Emission in non-restricted band)	1MHz / 3MHz for peak
Detector	Peak , linear detector mode
Trace mode	Max hold.

Test Signal Duty Cycle (x)	T(pulse time)	S.A. Video Bandwidth
100.00% - IEEE 802.11a	NA	10Hz
96.26% - IEEE 802.11ac (VHT20)	4.4783ms	300Hz
98.27% - IEEE 802.11ac (VHT40)	NA	10Hz
96.47% - IEEE 802.11ac (VHT80)	3.1739ms	1kHz

Note : According to KDB 789033 D02 G. 6. d) **Method VB**.

- As an alternative, the analyzer was set to linear detector mode. Ensure that video filtering is applied in linear voltage domain (rather than in a log or dB domain). Some analyzers require linear display mode in order to accomplish this. Others have a setting for Average-VBW Type, which can be set to "Voltage" regardless of the display mode.

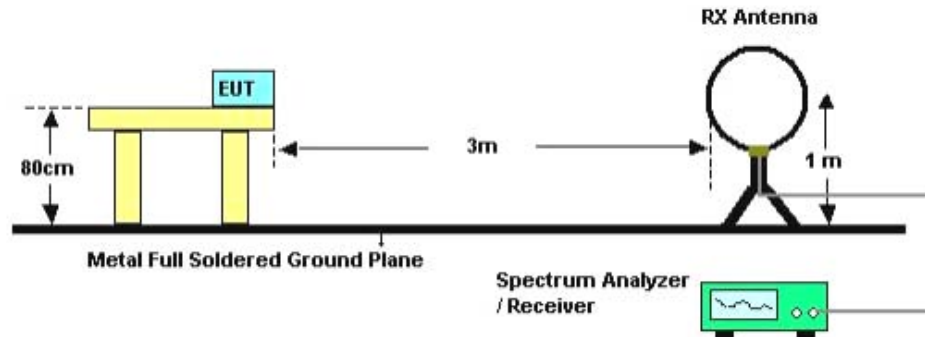
Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1GHz / RB 120kHz for QP

4.4 Test Procedures

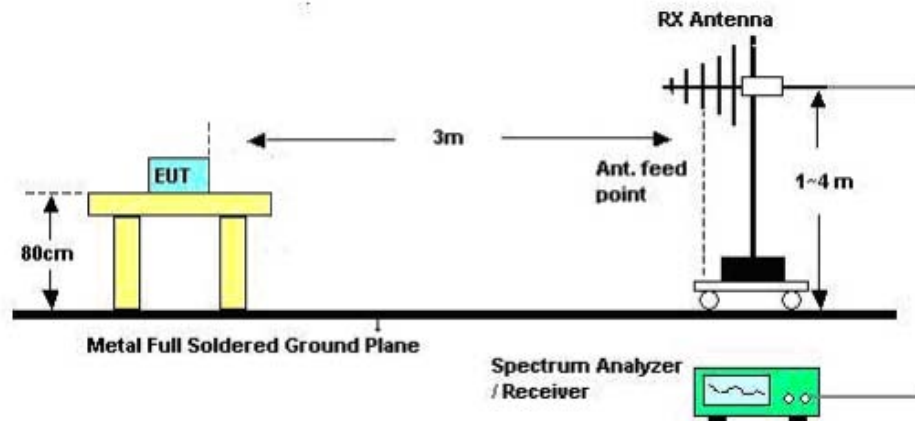
1. Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emissions, the antenna tower was scan (from 1 m to 4 m) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions above 1GHz, use 1MHz VBW and 3MHz RBW for peak reading. Then 1MHz RBW and 1/T VBW for average reading in spectrum analyzer. (Follow the Spectrum Analyzer Setting Table in section 4.3.)
7. For Bandedge, set RBW/VBW to 1MHz / 3MHz, and Max. Hold to find maximum peak trace from S.A. Save the plot.
8. In the same turntable and antenna tower position, set span to 1MHz to zoom in maximum fundamental / bandedge point of peak trace, and find the maximum peak reading value form S.A again. Record the final peak value into the plot in step 7.
9. Change RBW/VBW to average setting 1MHz / 10Hz or ($>1/T$) , and wait about 30sec ~ 2min. (depend on VBW, wait until the trace is stable) to find maximum average trace form S.A. Save the plot.
10. In the same turntable and antenna tower position, set span to 1MHz to zoom in Maximum fundamental / bandedge point of average trace, and find the maximum average reading value form S.A again. Record the final average value into the plot in step 9.
11. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
12. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
13. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High – Low scan is not required in this case.
14. Test method of final data refers to ANCI C63.10 section 6.5.4 Radiated emission test procedure.

4.5 Test Setup Layout

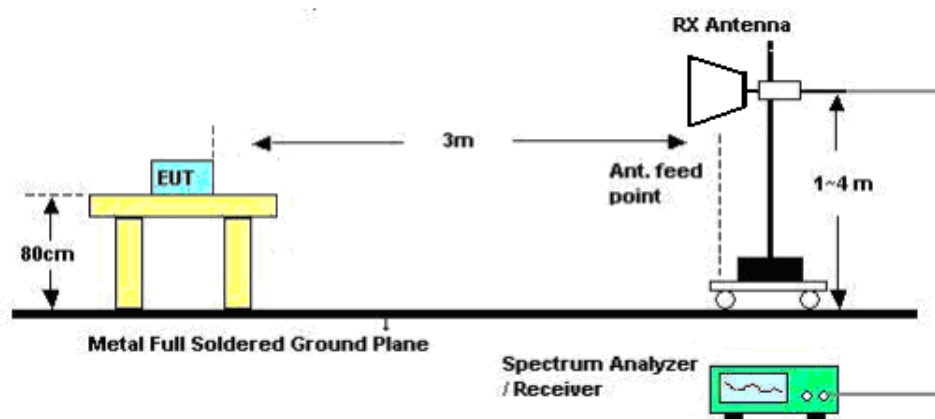
For Radiated Emissions below 1GHz (9kHz~30MHz)



For Radiated Emissions below 1GHz (30MHz~1GHz)



For Radiated Emissions above 1GHz



4.6 Test Deviation

There are no deviations with the original standard.

4.7 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

4.8 Transmitter Radiated Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

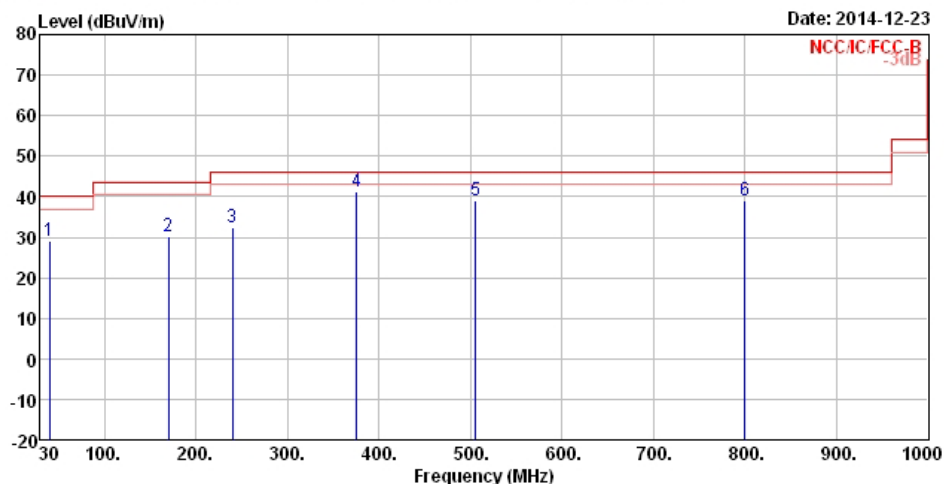
4.9 Results of Radiated Emissions (Below 1GHz)

Following channel(s) was (were) selected for the final test as listed below.

MODE	TX Chain	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11ac 80MHz	Ant.1+2+3+4(CDD)	106	OFDM	BPSK	Nss1MCS0 (29.3)
802.11ac 80MHz	Ant.1+2+3+4(TxBF)	106	OFDM	BPSK	Nss2MCS0 (58.5)
802.11ac 80MHz	Ant.1+2+3+4(TxBF)	106	OFDM	BPSK	Nss3MCS0 (87.8)

Transmitter Radiated Emissions (Below 1GHz)

Operating Mode	802.11ac 80MHz/ Nss1 MCS0/ Ch. 106/ Ant. 1+2+3+4	Polarization	H
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	39.700	29.15	-10.85	40.00	42.35	13.08	1.02	27.30 Peak	---	---
2	169.680	30.36	-13.14	43.50	45.68	9.68	2.15	27.15 Peak	---	---
3	239.520	32.34	-13.66	46.00	45.01	11.73	2.55	26.95 Peak	---	---
4	375.320	41.22	-4.78	46.00	50.34	14.81	3.23	27.16 Peak	---	---
5	505.300	38.94	-7.06	46.00	45.94	17.17	3.79	27.96 Peak	---	---
6	800.180	39.13	-6.87	46.00	42.20	19.64	4.92	27.63 Peak	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

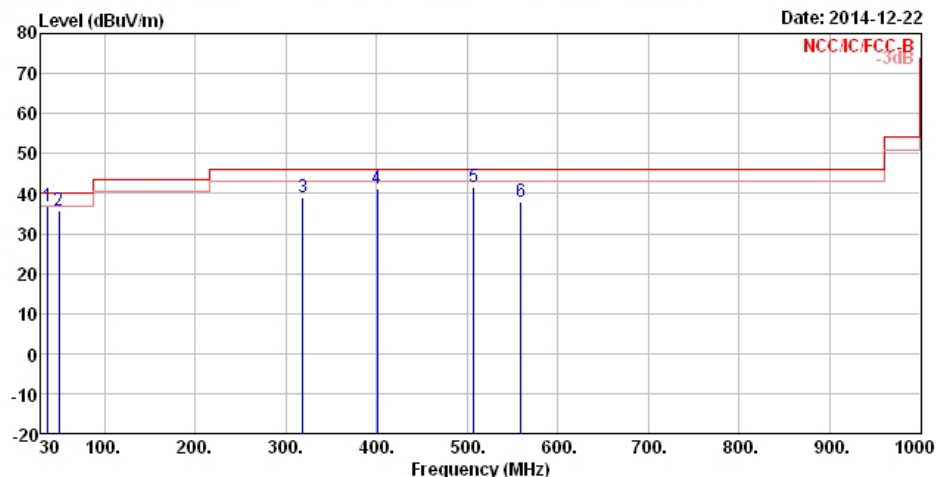
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Below 1GHz)
Operating Mode

802.11ac 80MHz/ Nss2 MCS0/ Ch. 106/ Ant. 1+2+3+4

Polarization

V



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	37.760	36.83	-3.17	40.00	48.82	14.30	0.99	27.28	QP	---	---
2	49.400	35.83	-4.17	40.00	53.39	8.74	1.13	27.43	Peak	---	---
3	319.060	38.92	-7.08	46.00	49.08	13.66	2.98	26.80	Peak	---	---
4	400.540	41.32	-4.68	46.00	49.60	15.70	3.34	27.32	Peak	---	---
5	507.240	41.70	-4.30	46.00	48.68	17.18	3.80	27.96	QP	---	---
6	559.620	37.82	-8.18	46.00	43.38	18.32	3.97	27.85	Peak	---	---

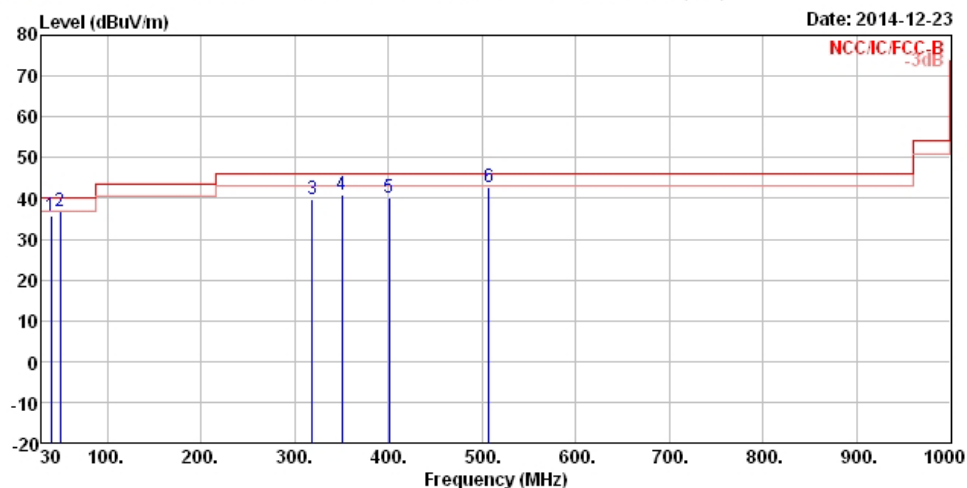
Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Below 1GHz)

Operating Mode	802.11ac 80MHz/ Nss2 MCS0/ Ch. 106/ Ant. 1+2+3+4	Polarization	H
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	39.700	35.79	-4.21	40.00	48.99	13.08	1.02	27.30 QP	---	---
2	49.400	36.70	-3.30	40.00	54.26	8.74	1.13	27.43 Peak	---	---
3	319.060	39.86	-6.14	46.00	50.02	13.66	2.98	26.80 Peak	---	---
4	350.100	40.88	-5.12	46.00	50.31	14.45	3.12	27.00 Peak	---	---
5	400.540	40.28	-5.72	46.00	48.56	15.70	3.34	27.32 Peak	---	---
6	507.240	42.83	-3.17	46.00	49.81	17.18	3.80	27.96 QP	---	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

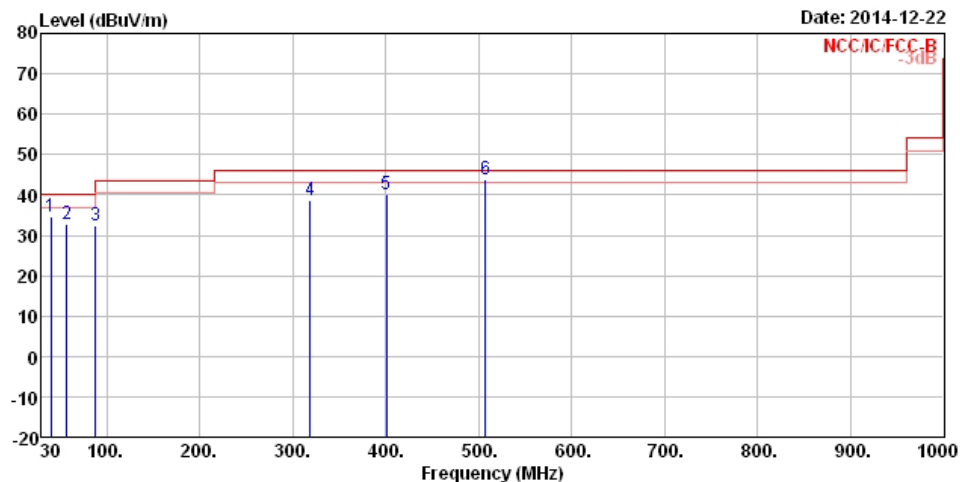
Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Below 1GHz)
Operating Mode

802.11ac 80MHz/ Nss3 MCS0/ Ch. 106/ Ant. 1+2+3+4

Polarization

V



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	39.700	34.47	-5.53	40.00	47.67	13.08	1.02	27.30	Peak	---	---
2	57.160	32.86	-7.14	40.00	52.14	6.93	1.21	27.42	Peak	---	---
3	88.200	32.42	-11.08	43.50	49.54	8.58	1.53	27.23	Peak	---	---
4	319.060	38.81	-7.19	46.00	48.97	13.66	2.98	26.80	Peak	---	---
5	400.540	40.00	-6.00	46.00	48.28	15.70	3.34	27.32	Peak	---	---
6 !	507.240	43.99	-2.01	46.00	50.97	17.18	3.80	27.96	QP	---	---

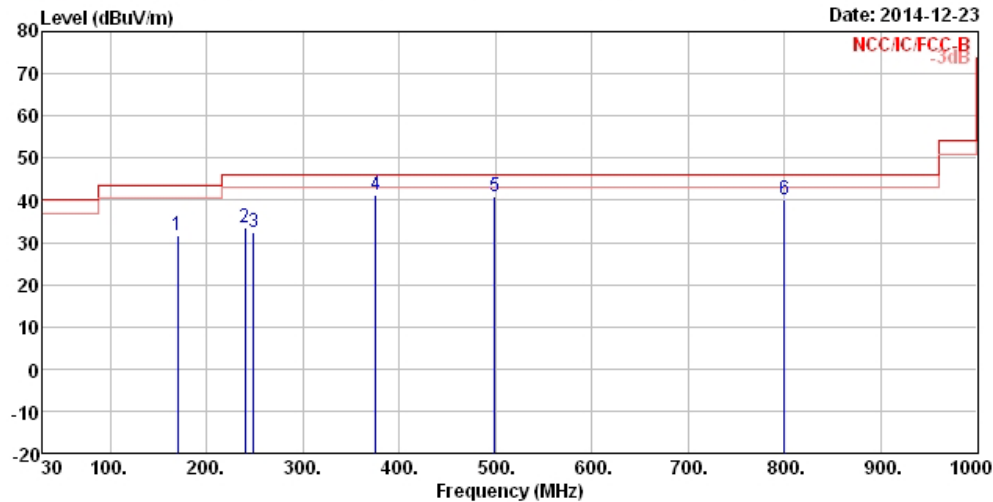
Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Below 1GHz)

Operating Mode	802.11ac 80MHz/ Nss3 MCS0/ Ch. 106/ Ant. 1+2+3+4	Polarization	H
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	169.680	31.70	-11.80	43.50	47.02	9.68	2.15	27.15	Peak	---
2	239.520	33.59	-12.41	46.00	46.26	11.73	2.55	26.95	Peak	---
3	249.220	32.50	-13.50	46.00	44.17	12.64	2.60	26.91	Peak	---
4	375.320	41.21	-4.79	46.00	50.33	14.81	3.23	27.16	Peak	---
5	499.480	40.72	-5.28	46.00	47.77	17.14	3.77	27.96	Peak	---
6	800.180	40.08	-5.92	46.00	43.15	19.64	4.92	27.63	Peak	---

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

4.10 Radiated Unwanted emissions (Above 1GHz)

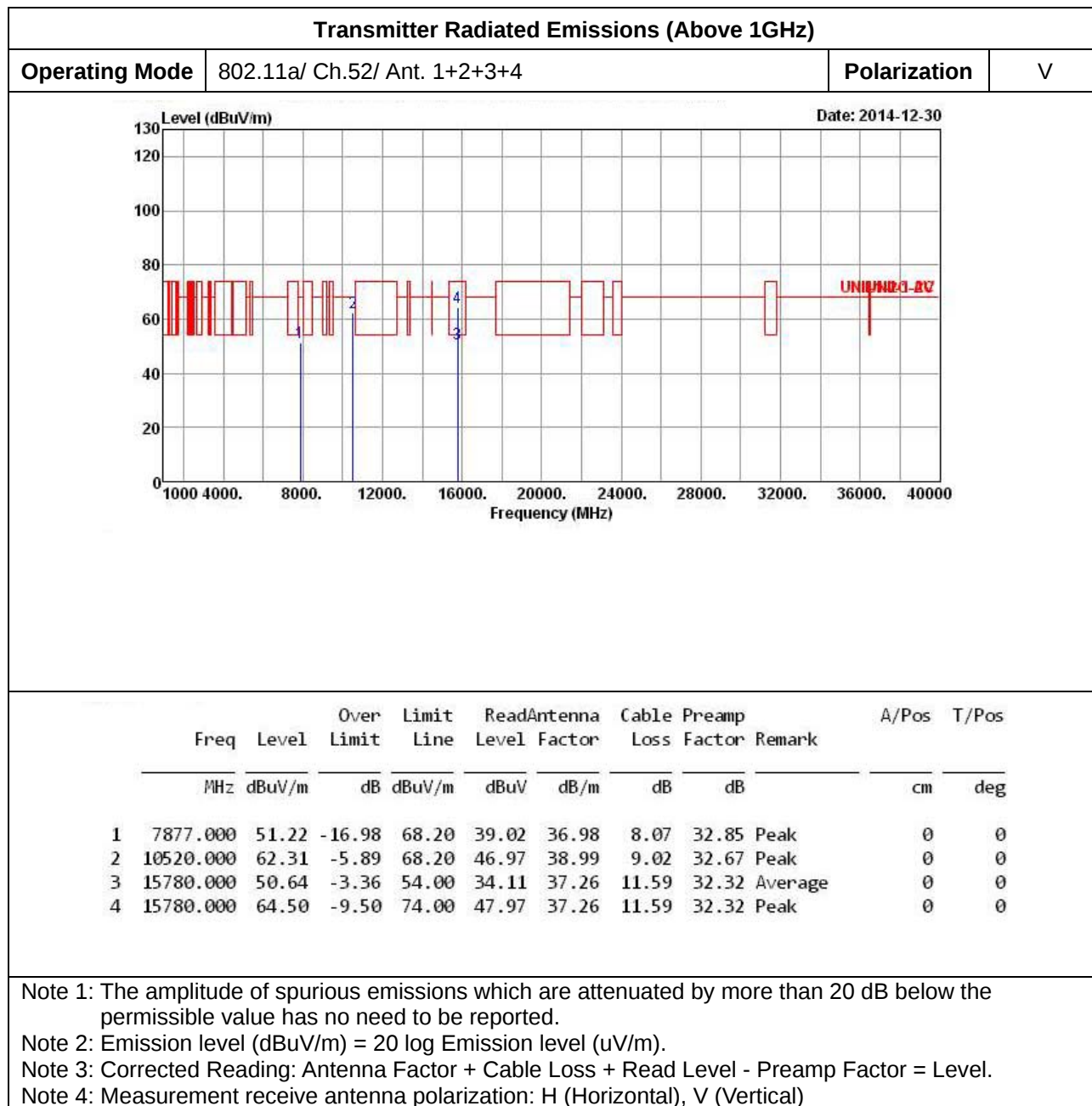
4.10.1 Results for Unwanted emissions

Following channel(s) was (were) selected for the final test as listed below.

MODE	TX Chain	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11a	Ant.1+2+3+4 (CDD)	52, 60, 64 100, 116, 140, 144	OFDM	BPSK	6
802.11ac 20MHz	Ant.1+2+3+4 (CDD)	52, 60, 64 100, 116, 140, 144	OFDM	BPSK	Nss1MCS0 (6.5)
802.11ac 40MHz	Ant.1+2+3+4 (CDD)	54, 62 102, 110, 134, 142	OFDM	BPSK	Nss1MCS0 (13.5)
802.11ac 80MHz	Ant.1+2+3+4 (CDD)	58, 106, 138	OFDM	BPSK	Nss1MCS0 (29.3)

MODE	TX Chain	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11ac 20MHz	Ant.1+2+3+4 (TxBF)	52, 60, 64 100, 116, 140, 144	OFDM	BPSK	Nss2MCS0 (13.0)
802.11ac 40MHz	Ant.1+2+3+4 (TxBF)	54, 62 102, 110, 134, 142	OFDM	BPSK	Nss2MCS0 (27.0)
802.11ac 80MHz	Ant.1+2+3+4 (TxBF)	58, 106, 138	OFDM	BPSK	Nss2MCS0 (58.5)

MODE	TX Chain	TESTED CHANNEL	MODULATION TECHNOLOGY	MODULATION TYPE	DATA RATE (Mbps)
802.11ac 20MHz	Ant.1+2+3+4 (TxBF)	52, 60, 64 100, 116, 140, 144	OFDM	BPSK	Nss3MCS0 (19.5)
802.11ac 40MHz	Ant.1+2+3+4 (TxBF)	54, 62 102, 110, 134, 142	OFDM	BPSK	Nss3MCS0 (40.5)
802.11ac 80MHz	Ant.1+2+3+4 (TxBF)	58, 106, 138	OFDM	BPSK	Nss3MCS0 (87.8)

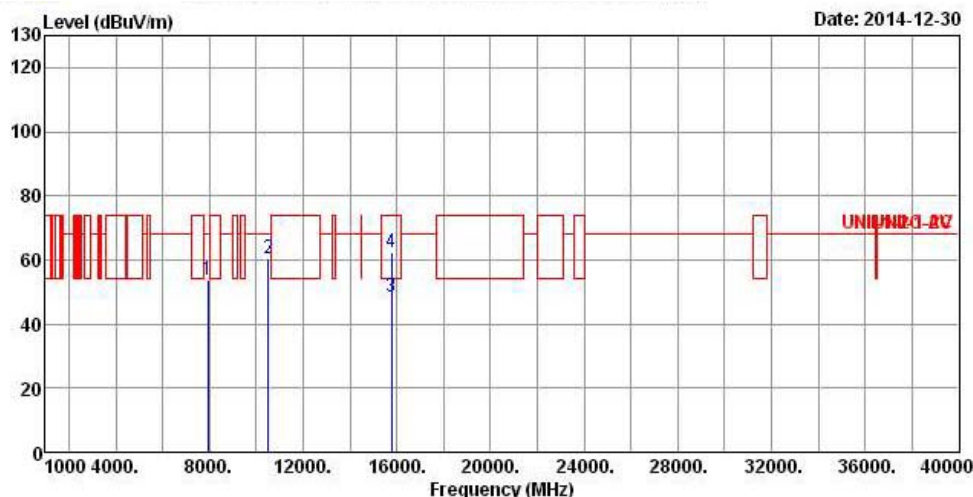
4.10.2 Results of Radiated Emissions (Above 1GHz) CDD Mode


Transmitter Radiated Emissions (Above 1GHz)

Operating Mode 802.11a/ Ch.52/ Ant. 1+2+3+4

Polarization

H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	7924.000	53.71	-14.49	68.20	41.34	37.02	8.21	32.86	Peak	0	0
2	10520.000	60.55	-7.65	68.20	45.21	38.99	9.02	32.67	Peak	0	0
3	15780.000	48.27	-5.73	54.00	31.74	37.26	11.59	32.32	Average	0	0
4	15780.000	62.40	-11.60	74.00	45.87	37.26	11.59	32.32	Peak	0	0

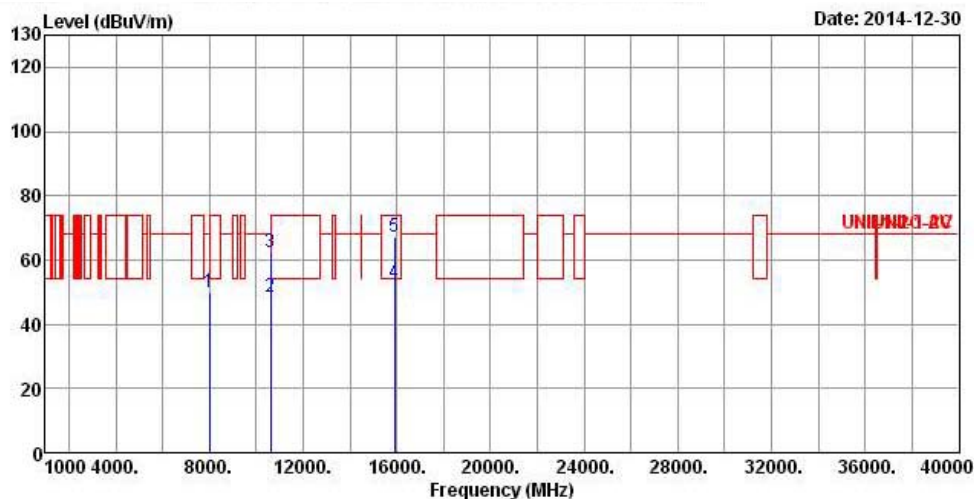
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11a/ Ch.60/ Ant. 1+2+3+4

Polarization
V


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	7987.000	49.81	-18.39	68.20	37.33	37.08	8.28	32.88	Peak	0	0
2	10600.000	48.36	-5.64	54.00	32.97	38.96	9.06	32.63	Average	0	0
3	10600.000	62.17	-11.83	74.00	46.78	38.96	9.06	32.63	Peak	0	0
4	15900.000	52.60	-1.40	54.00	36.30	37.07	11.59	32.36	Average	0	0
5	15900.000	67.15	-6.85	74.00	50.85	37.07	11.59	32.36	Peak	0	0

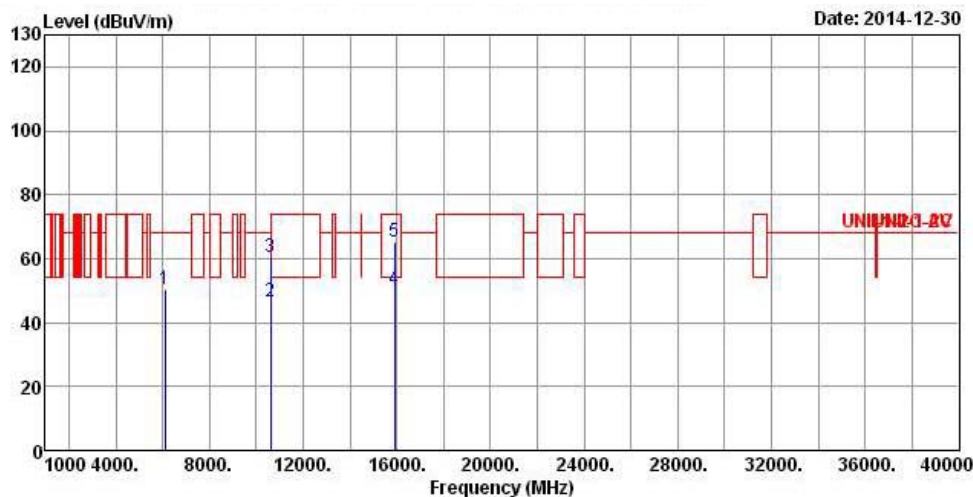
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11a/ Ch.60/ Ant. 1+2+3+4

Polarization
H


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	6094.000	50.46	-17.74	68.20	41.98	34.32	6.62	32.46	Peak	0	0
2	10600.000	46.36	-7.64	54.00	30.97	38.96	9.06	32.63	Average	0	0
3	10600.000	60.30	-13.70	74.00	44.91	38.96	9.06	32.63	Peak	0	0
4	15900.000	50.26	-3.74	54.00	33.96	37.07	11.59	32.36	Average	0	0
5	15900.000	65.07	-8.93	74.00	48.77	37.07	11.59	32.36	Peak	0	0

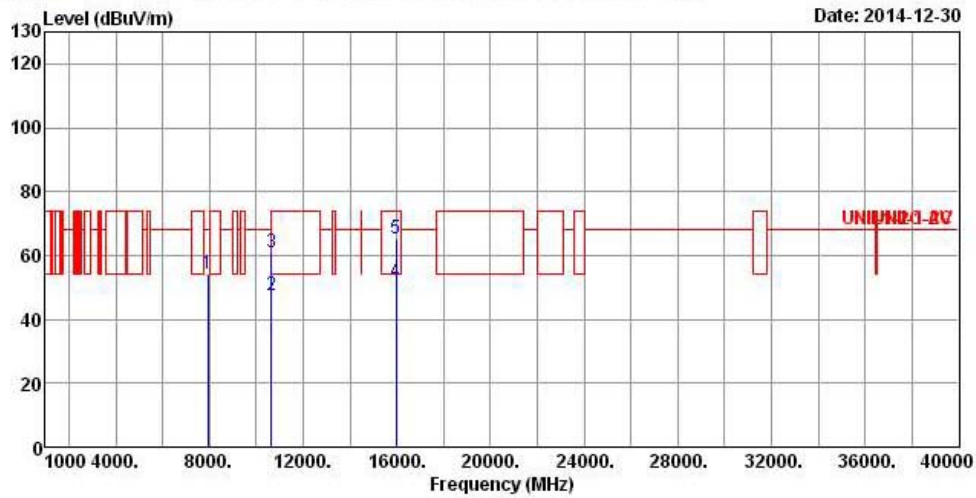
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11a/ Ch.64/ Ant. 1+2+3+4

Polarization
V


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	7924.000	54.12	-14.08	68.20	41.75	37.02	8.21	32.86	Peak	0	0
2	10640.000	47.32	-6.68	54.00	31.91	38.94	9.07	32.60	Average	0	0
3	10640.000	61.12	-12.88	74.00	45.71	38.94	9.07	32.60	Peak	0	0
4	15960.000	51.92	-2.08	54.00	35.76	36.96	11.59	32.39	Average	0	0
5	15960.000	65.37	-8.63	74.00	49.21	36.96	11.59	32.39	Peak	0	0

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

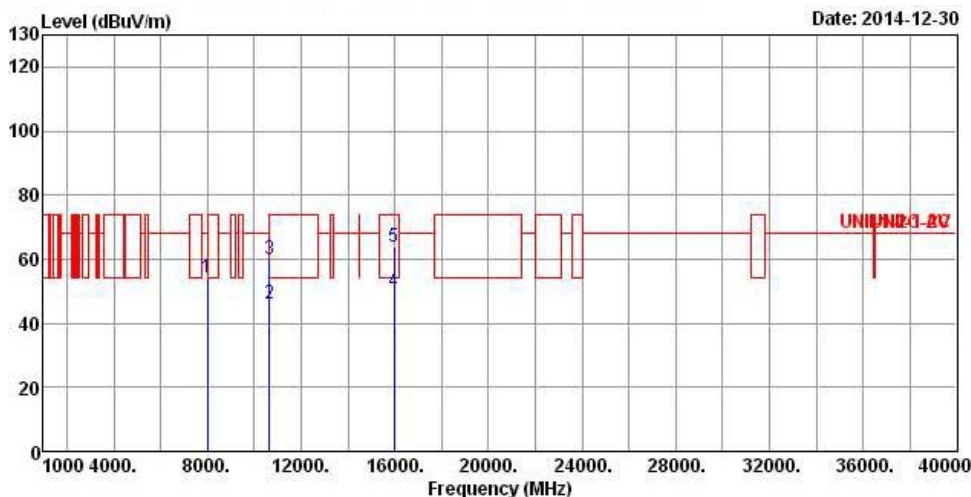
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)

Operating Mode 802.11a/ Ch.64/ Ant. 1+2+3+4

Polarization

H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Preamp Loss Factor	Remark	A/Pos	T/Pos		
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8000.000	54.24	-13.96	68.20	41.74	37.10	8.28	32.88	Peak	0	0
2	10640.000	46.00	-8.00	54.00	30.59	38.94	9.07	32.60	Average	0	0
3	10640.000	60.20	-13.80	74.00	44.79	38.94	9.07	32.60	Peak	0	0
4	15960.000	49.80	-4.20	54.00	33.64	36.96	11.59	32.39	Average	0	0
5	15960.000	63.93	-10.07	74.00	47.77	36.96	11.59	32.39	Peak	0	0

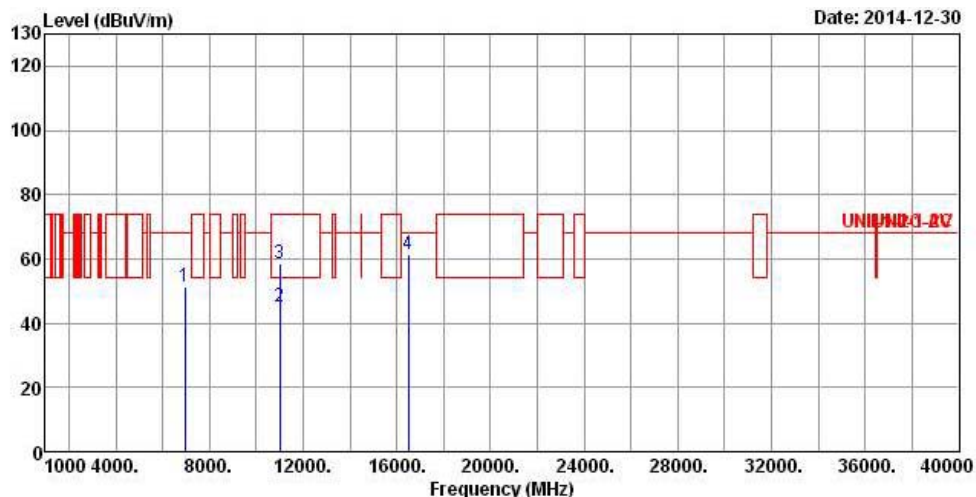
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11a/ Ch.100/ Ant. 1+2+3+4

Polarization
V


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	6941.000	51.20	-17.00	68.20	41.56	35.18	6.99	32.53	Peak	---	---
2	11000.000	45.24	-8.76	54.00	29.62	38.80	9.23	32.41	Average	---	---
3	11000.000	58.61	-15.39	74.00	42.99	38.80	9.23	32.41	Peak	---	---
4	16500.000	61.31	-6.89	68.20	43.70	37.40	12.18	31.97	Peak	---	---

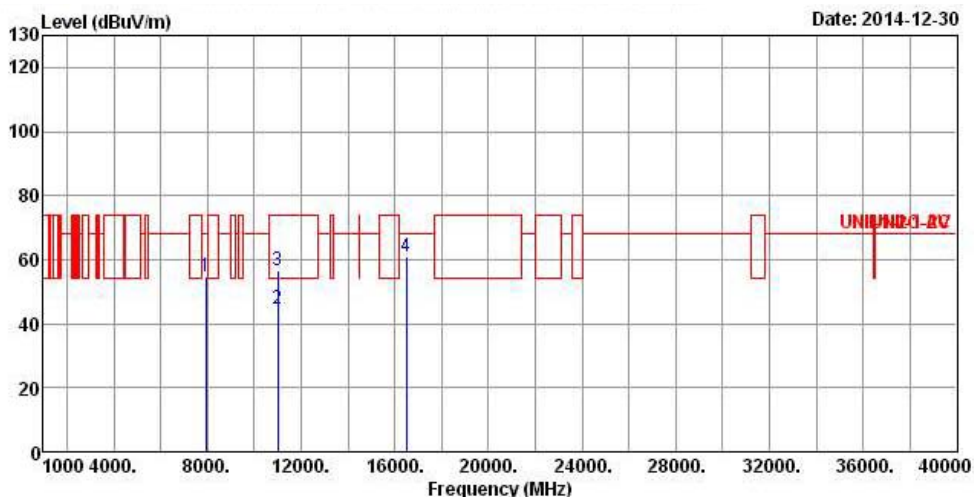
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11a/ Ch.100/ Ant. 1+2+3+4

Polarization
H


	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp		A/Pos	T/Pos
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Remark	
		dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm deg
1	7924.000	54.61	-13.59	68.20	42.24	37.02	8.21	32.86	Peak	---
2	11000.000	44.56	-9.44	54.00	28.94	38.80	9.23	32.41	Average	---
3	11000.000	56.78	-17.22	74.00	41.16	38.80	9.23	32.41	Peak	---
4	16500.000	60.97	-7.23	68.20	43.36	37.40	12.18	31.97	Peak	---

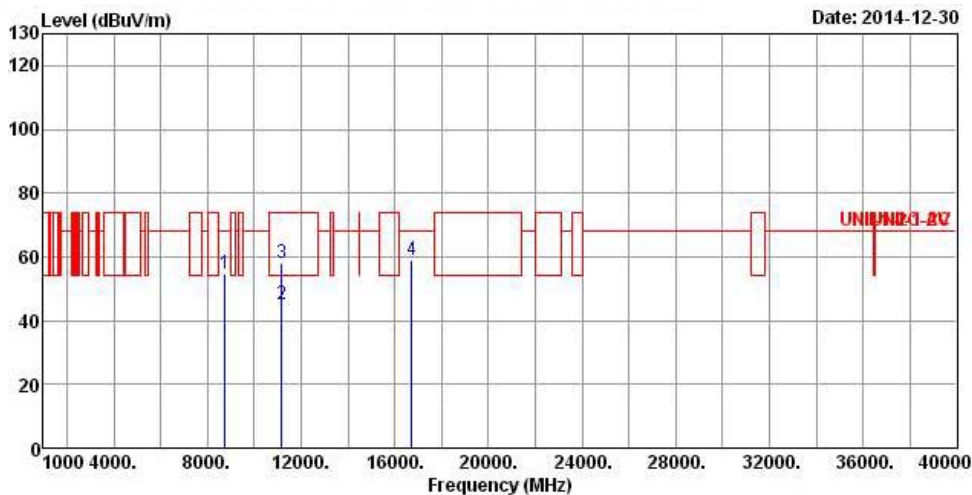
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11a/ Ch.116/ Ant. 1+2+3+4

Polarization
V


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	8741.000	54.68	-13.52	68.20	41.57	38.19	7.89	32.97	Peak	---	---
2	11160.000	44.87	-9.13	54.00	28.77	38.97	9.54	32.41	Average	---	---
3	11160.000	57.86	-16.14	74.00	41.76	38.97	9.54	32.41	Peak	---	---
4	16740.000	58.87	-9.33	68.20	40.20	38.80	11.58	31.71	Peak	---	---

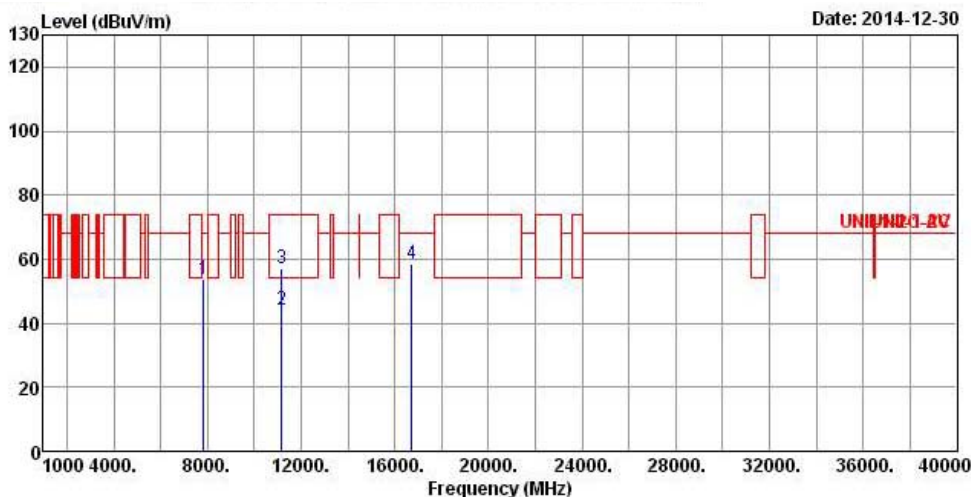
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11a/ Ch.116/ Ant. 1+2+3+4

Polarization
H


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	7841.000	53.89	-14.31	68.20	41.80	36.93	8.00	32.84	Peak	---	---
2	11160.000	44.26	-9.74	54.00	28.16	38.97	9.54	32.41	Average	---	---
3	11160.000	56.97	-17.03	74.00	40.87	38.97	9.54	32.41	Peak	---	---
4	16740.000	58.46	-9.74	68.20	39.79	38.80	11.58	31.71	Peak	---	---

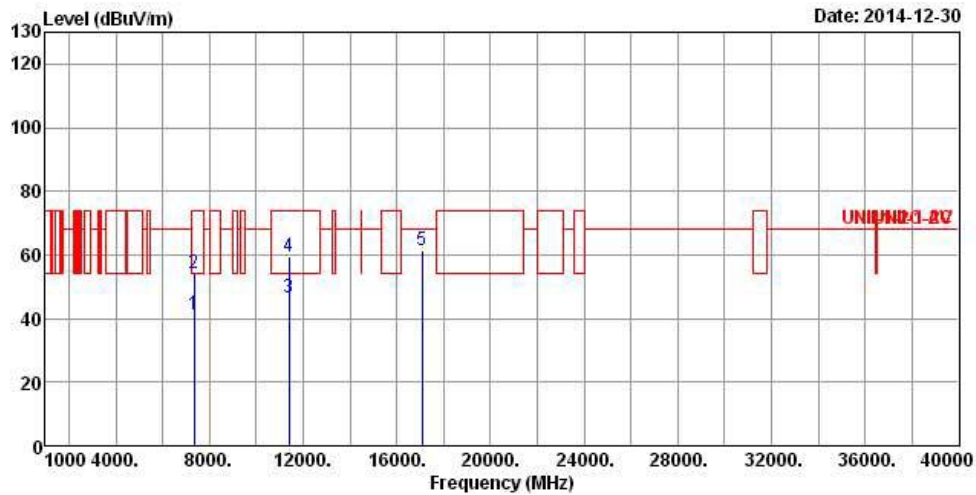
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11a/ Ch.140/ Ant. 1+2+3+4

Polarization
V


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	7356.000	41.14	-12.86	54.00	30.28	36.24	7.31	32.69	Average	---	---
2	7356.000	54.30	-19.70	74.00	43.44	36.24	7.31	32.69	Peak	---	---
3	11400.000	46.69	-7.31	54.00	29.99	39.20	9.92	32.42	Average	---	---
4	11400.000	59.38	-14.62	74.00	42.68	39.20	9.92	32.42	Peak	---	---
5	17100.000	61.23	-6.97	68.20	40.26	41.08	11.33	31.44	Peak	---	---

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

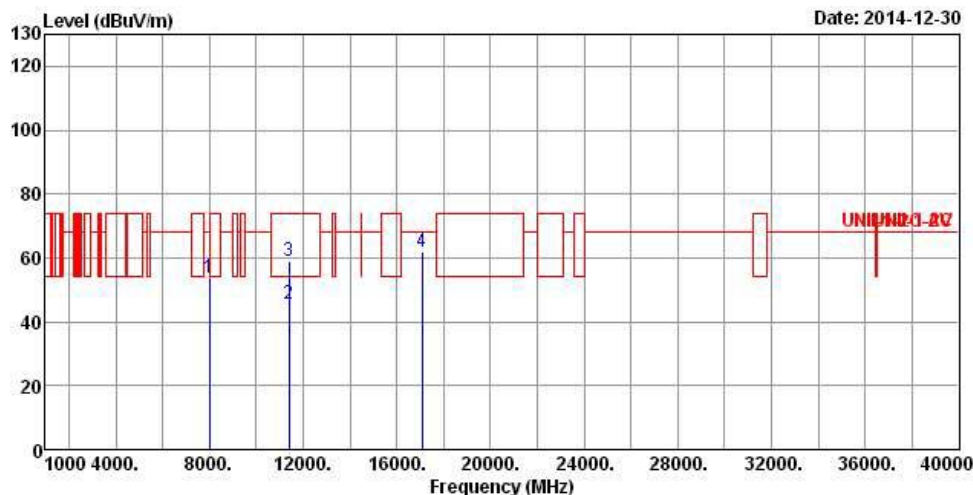
Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)

Operating Mode 802.11a/ Ch.140/ Ant. 1+2+3+4

Polarization

H



	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	8000.000	53.89	-14.31	68.20	41.39	37.10	8.28	32.88	Peak	---	---
2	11400.000	45.81	-8.19	54.00	29.11	39.20	9.92	32.42	Average	---	---
3	11400.000	58.99	-15.01	74.00	42.29	39.20	9.92	32.42	Peak	---	---
4	17100.000	61.79	-6.41	68.20	40.82	41.08	11.33	31.44	Peak	---	---

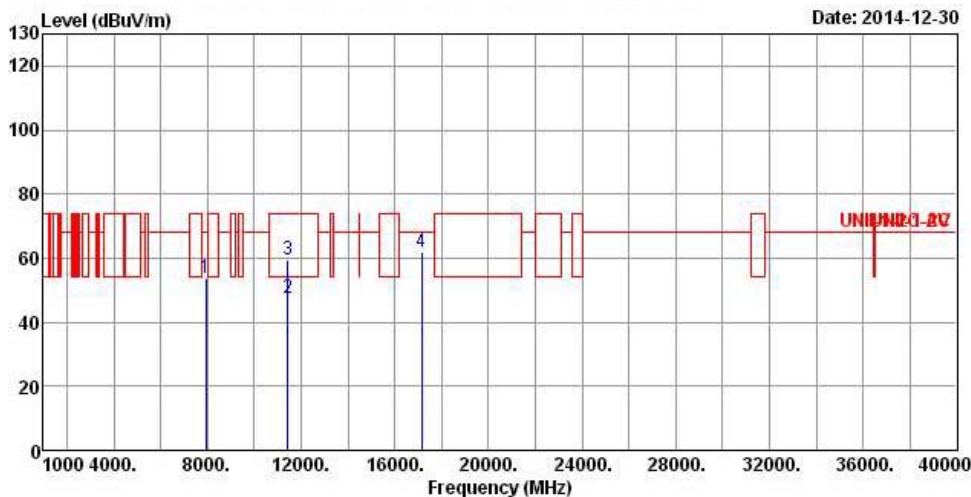
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11a/ Ch.144/ Ant. 1+2+3+4

Polarization
V


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	7941.000	53.61	-14.59	68.20	41.23	37.03	8.21	32.86	Peak	---	---
2	11440.000	47.55	-6.45	54.00	30.76	39.23	9.98	32.42	Average	---	---
3	11440.000	59.46	-14.54	74.00	42.67	39.23	9.98	32.42	Peak	---	---
4	17160.000	61.99	-6.21	68.20	40.41	41.60	11.42	31.44	Peak	---	---

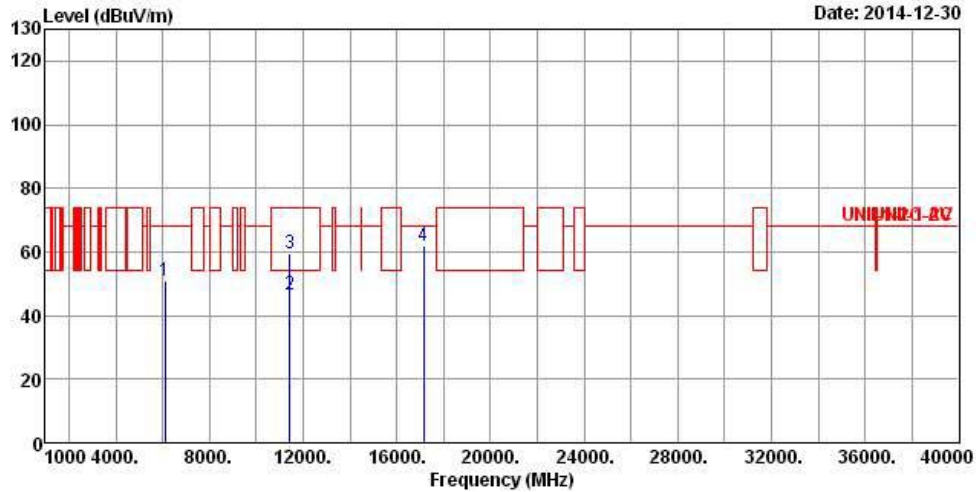
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11a/ Ch.144/ Ant. 1+2+3+4

Polarization
H


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	6097.000	50.61	-17.59	68.20	42.13	34.32	6.62	32.46	Peak	---	---
2	11440.000	46.54	-7.46	54.00	29.75	39.23	9.98	32.42	Average	---	---
3	11440.000	59.27	-14.73	74.00	42.48	39.23	9.98	32.42	Peak	---	---
4	17160.000	62.03	-6.17	68.20	40.45	41.60	11.42	31.44	Peak	---	---

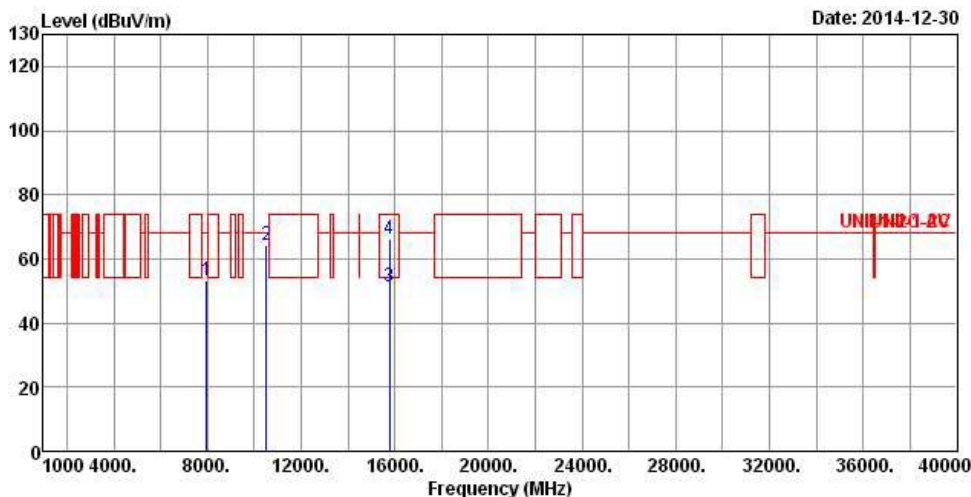
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11ac 20MHz/ Nss1 MCS0/ Ch.52/ Ant. 1+2+3+4

Polarization
V


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7964.000	53.09	-15.11	68.20	40.61	37.07	8.28	32.87	Peak	0
2	10520.000	64.10	-4.10	68.20	48.76	38.99	9.02	32.67	Peak	0
3	15780.000	51.31	-2.69	54.00	34.78	37.26	11.59	32.32	Average	0
4	15780.000	66.12	-7.88	74.00	49.59	37.26	11.59	32.32	Peak	0

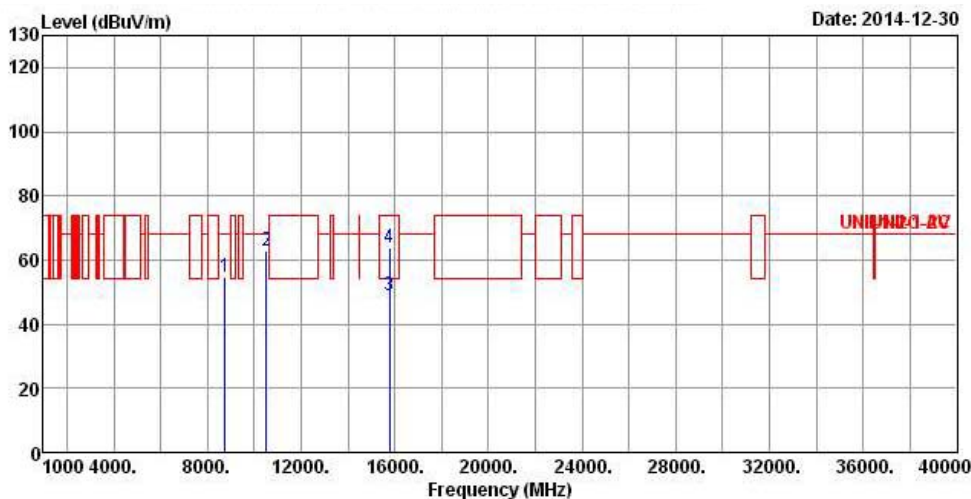
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11ac 20MHz/ Nss1 MCS0/ Ch.52/ Ant. 1+2+3+4

Polarization
H


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	8744.000	54.69	-13.51	68.20	41.58	38.20	7.88	32.97	Peak	0	0
2	10520.000	62.67	-5.53	68.20	47.33	38.99	9.02	32.67	Peak	0	0
3	15780.000	49.01	-4.99	54.00	32.48	37.26	11.59	32.32	Average	0	0
4	15780.000	64.04	-9.96	74.00	47.51	37.26	11.59	32.32	Peak	0	0

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

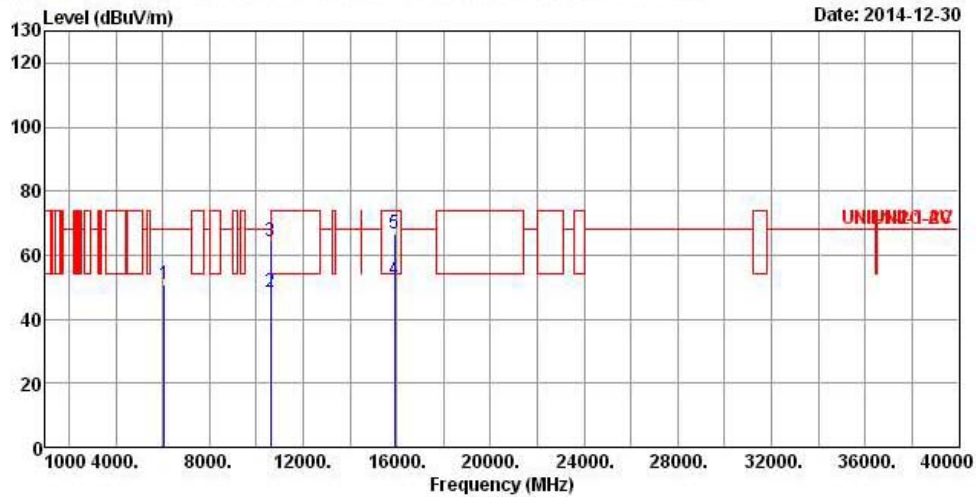
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)

Operating Mode	802.11ac 20MHz/ Nss1 MCS0/ Ch.60/ Ant. 1+2+3+4	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	6078.000	50.91	-17.29	68.20	42.43	34.32	6.62	32.46	Peak	0	0
2	10600.000	48.64	-5.36	54.00	33.25	38.96	9.06	32.63	Average	0	0
3	10600.000	64.20	-9.80	74.00	48.81	38.96	9.06	32.63	Peak	0	0
4	15900.000	52.13	-1.87	54.00	35.83	37.07	11.59	32.36	Average	0	0
5	15900.000	66.83	-7.17	74.00	50.53	37.07	11.59	32.36	Peak	0	0

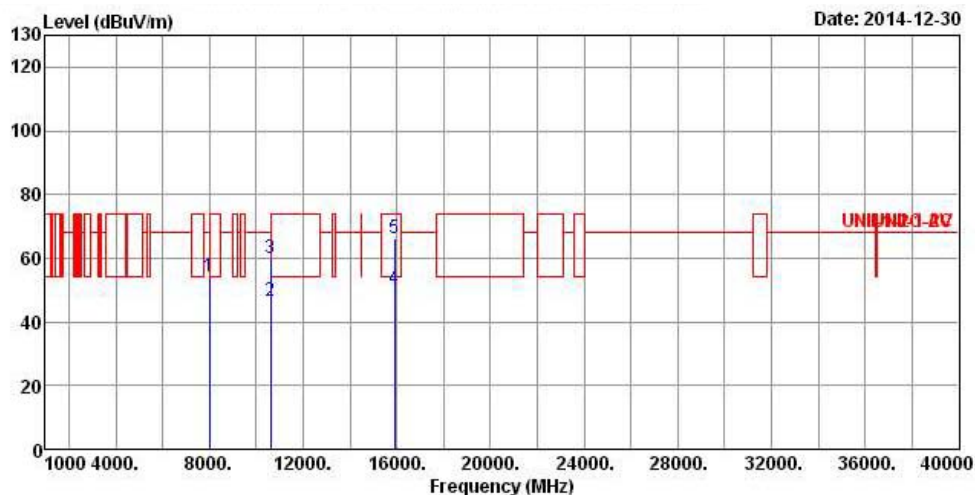
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11ac 20MHz/ Nss1 MCS0/ Ch.60/ Ant. 1+2+3+4

Polarization
H


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	8000.000	54.02	-14.18	68.20	41.52	37.10	8.28	32.88	Peak	0	0
2	10600.000	46.56	-7.44	54.00	31.17	38.96	9.06	32.63	Average	0	0
3	10600.000	60.19	-13.81	74.00	44.80	38.96	9.06	32.63	Peak	0	0
4	15900.000	50.19	-3.81	54.00	33.89	37.07	11.59	32.36	Average	0	0
5	15900.000	65.98	-8.02	74.00	49.68	37.07	11.59	32.36	Peak	0	0

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

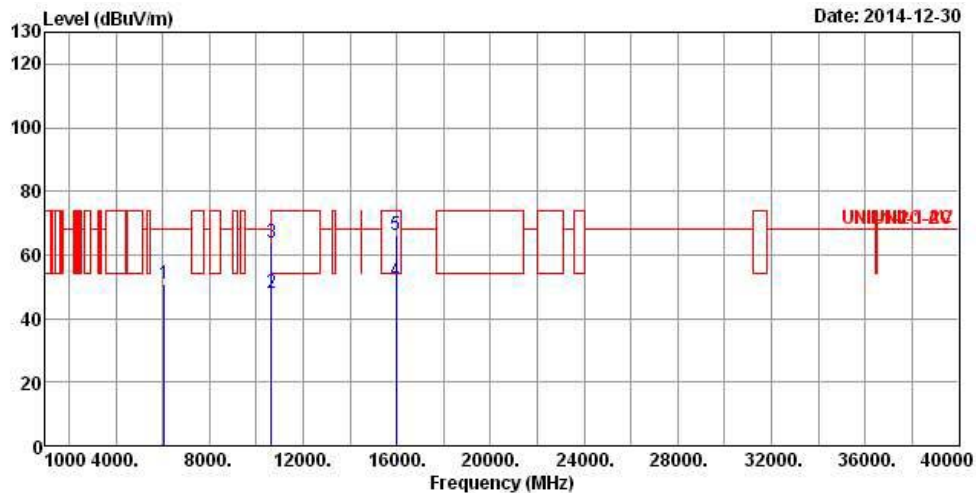
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)

Operating Mode	802.11ac 20MHz/ Nss1 MCS0/ Ch.64/ Ant. 1+2+3+4	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	6064.000	51.03	-17.17	68.20	42.56	34.31	6.62	32.46 Peak	0	0
2	10640.000	48.16	-5.84	54.00	32.75	38.94	9.07	32.60 Average	0	0
3	10640.000	63.94	-10.06	74.00	48.53	38.94	9.07	32.60 Peak	0	0
4	15960.000	51.67	-2.33	54.00	35.51	36.96	11.59	32.39 Average	0	0
5	15960.000	66.13	-7.87	74.00	49.97	36.96	11.59	32.39 Peak	0	0

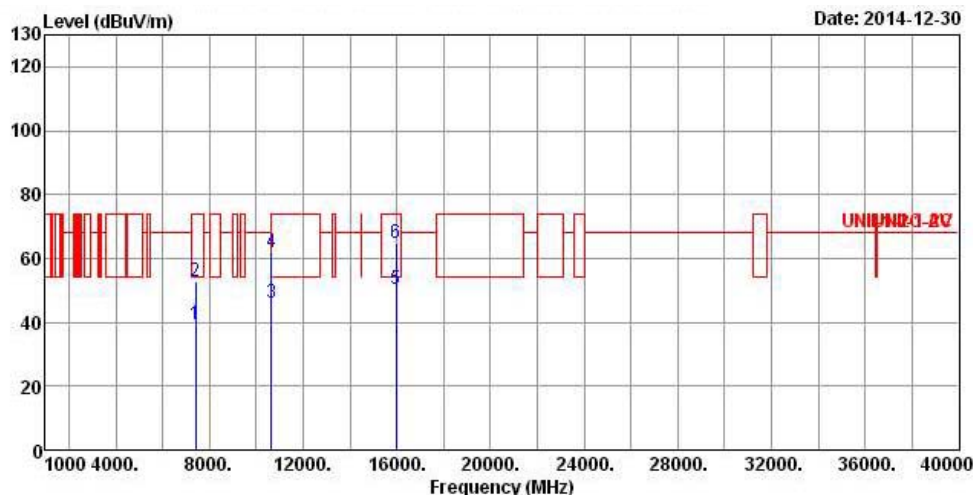
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11ac 20MHz/ Nss1 MCS0/ Ch.64/ Ant. 1+2+3+4

Polarization
H


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	7423.000	39.17	-14.83	54.00	28.10	36.42	7.37	32.72	Average	0	0
2	7423.000	52.85	-21.15	74.00	41.78	36.42	7.37	32.72	Peak	0	0
3	10640.000	46.23	-7.77	54.00	30.82	38.94	9.07	32.60	Average	0	0
4	10640.000	61.71	-12.29	74.00	46.30	38.94	9.07	32.60	Peak	0	0
5	15960.000	50.28	-3.72	54.00	34.12	36.96	11.59	32.39	Average	0	0
6	15960.000	64.66	-9.34	74.00	48.50	36.96	11.59	32.39	Peak	0	0

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

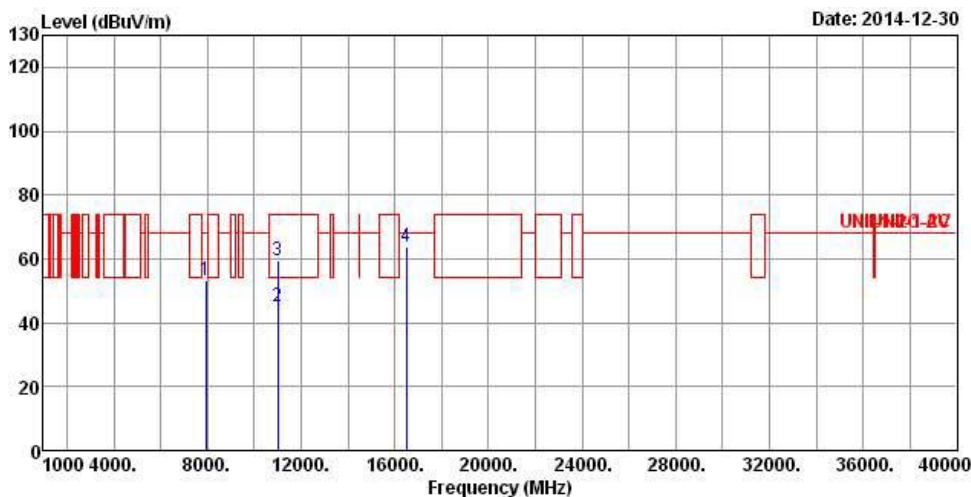
Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)

Operating Mode	802.11ac 20MHz/ Nss1 MCS0/ Ch.100/ Ant. 1+2+3+4	Polarization	V
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	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	7924.000	53.06	-15.14	68.20	40.69	37.02	8.21	32.86	Peak	0	0
2	11000.000	44.91	-9.09	54.00	29.29	38.80	9.23	32.41	Average	0	0
3	11000.000	59.43	-14.57	74.00	43.81	38.80	9.23	32.41	Peak	0	0
4	16500.000	63.98	-4.22	68.20	46.37	37.40	12.18	31.97	Peak	0	0

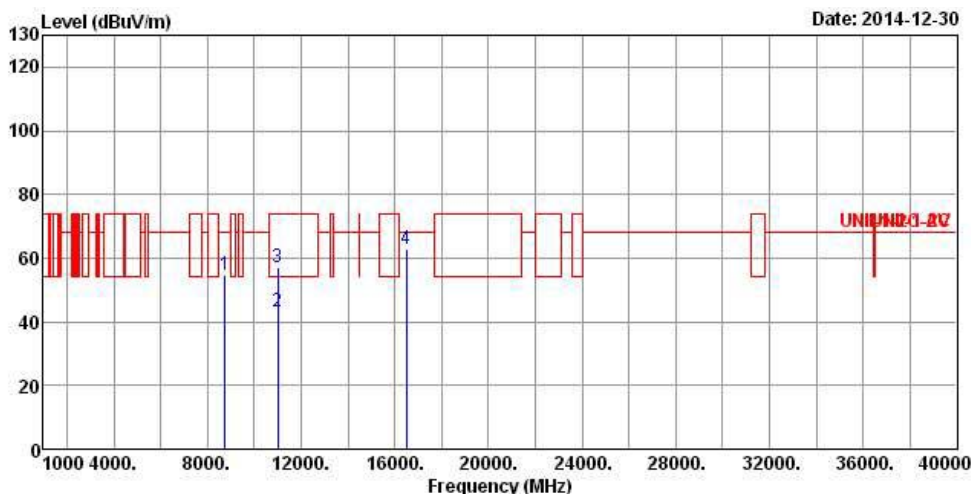
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11ac 20MHz/ Nss1 MCS0/ Ch.100/ Ant. 1+2+3+4

Polarization
H


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	8744.000	54.55	-13.65	68.20	41.44	38.20	7.88	32.97	Peak	0	0
2	11000.000	43.31	-10.69	54.00	27.69	38.80	9.23	32.41	Average	0	0
3	11000.000	57.13	-16.87	74.00	41.51	38.80	9.23	32.41	Peak	0	0
4	16500.000	62.84	-5.36	68.20	45.23	37.40	12.18	31.97	Peak	0	0

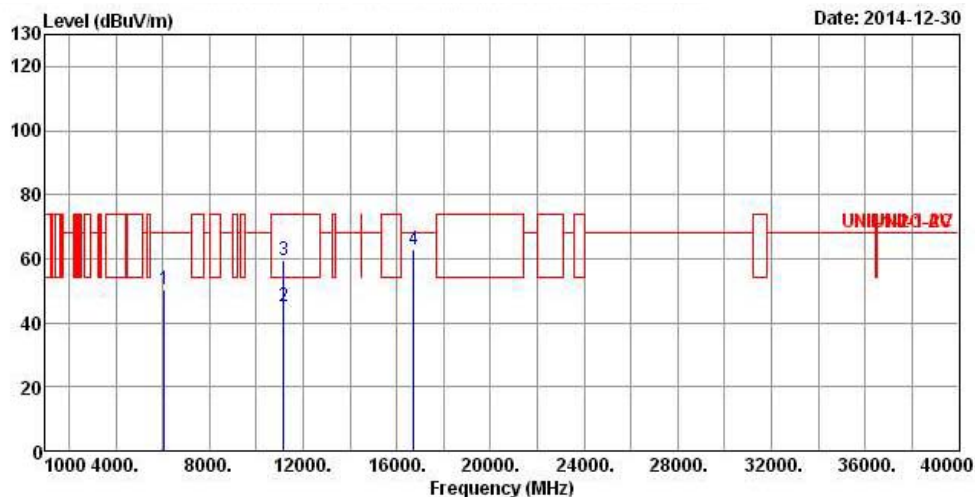
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11ac 20MHz/ Nss1 MCS0/ Ch.116/ Ant. 1+2+3+4

Polarization
V


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	6064.000	50.22	-17.98	68.20	41.75	34.31	6.62	32.46	Peak	0	0
2	11160.000	45.07	-8.93	54.00	28.97	38.97	9.54	32.41	Average	0	0
3	11160.000	59.61	-14.39	74.00	43.51	38.97	9.54	32.41	Peak	0	0
4	16740.000	63.03	-5.17	68.20	44.36	38.80	11.58	31.71	Peak	0	0

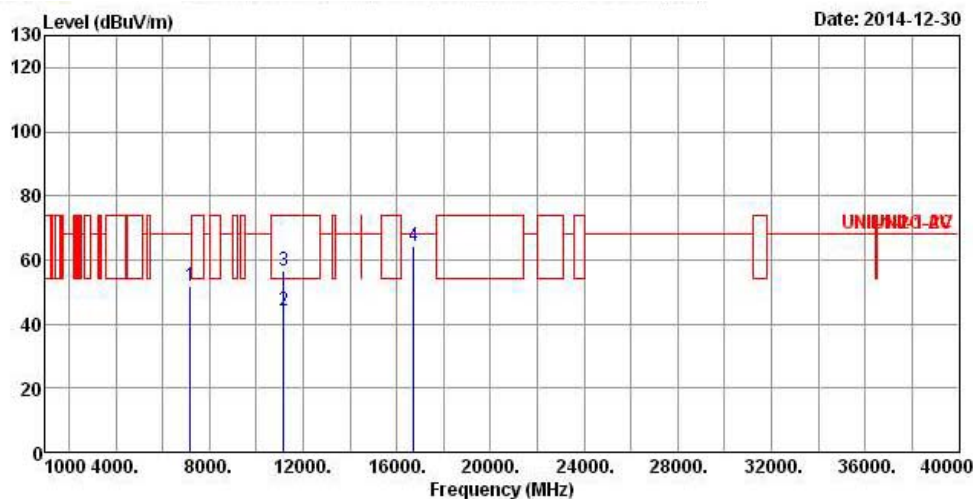
Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Transmitter Radiated Emissions (Above 1GHz)
Operating Mode 802.11ac 20MHz/ Nss1 MCS0/ Ch.116/ Ant. 1+2+3+4

Polarization
H


	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Remark	A/Pos	T/Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	7200.000	52.03	-16.17	68.20	41.61	35.84	7.20	32.62	Peak	0	0
2	11160.000	43.94	-10.06	54.00	27.84	38.97	9.54	32.41	Average	0	0
3	11160.000	56.43	-17.57	74.00	40.33	38.97	9.54	32.41	Peak	0	0
4	16740.000	64.13	-4.07	68.20	45.46	38.80	11.58	31.71	Peak	0	0

Note 1: The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.

Note 2: Emission level (dBuV/m) = 20 log Emission level (uV/m).

Note 3: Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

Note 4: Measurement receive antenna polarization: H (Horizontal), V (Vertical)