

Produkte
 Products



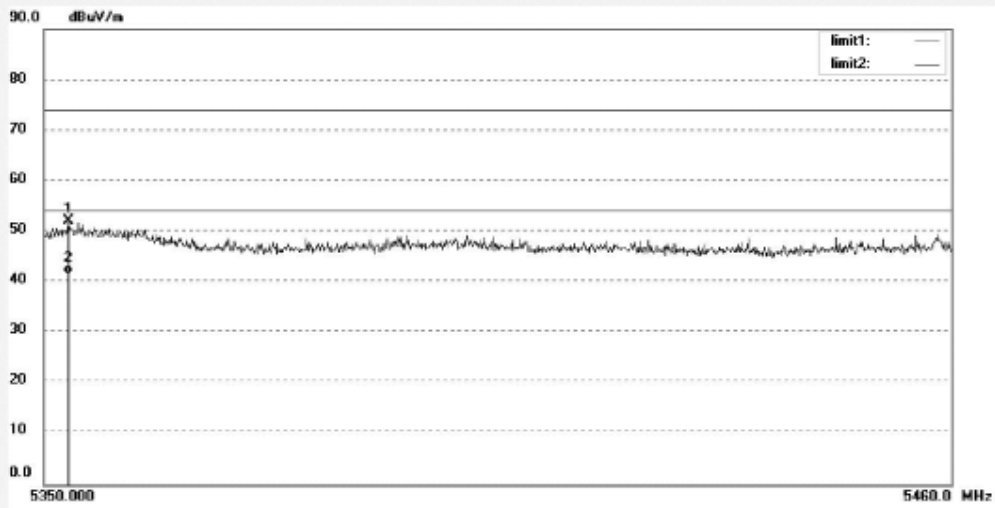
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2168	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5240MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT20--3TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5352.970	51.18	0.82	52.00	74.00	-22.00	peak			
2	5352.970	40.68	0.82	41.50	54.00	-12.50	AVG			

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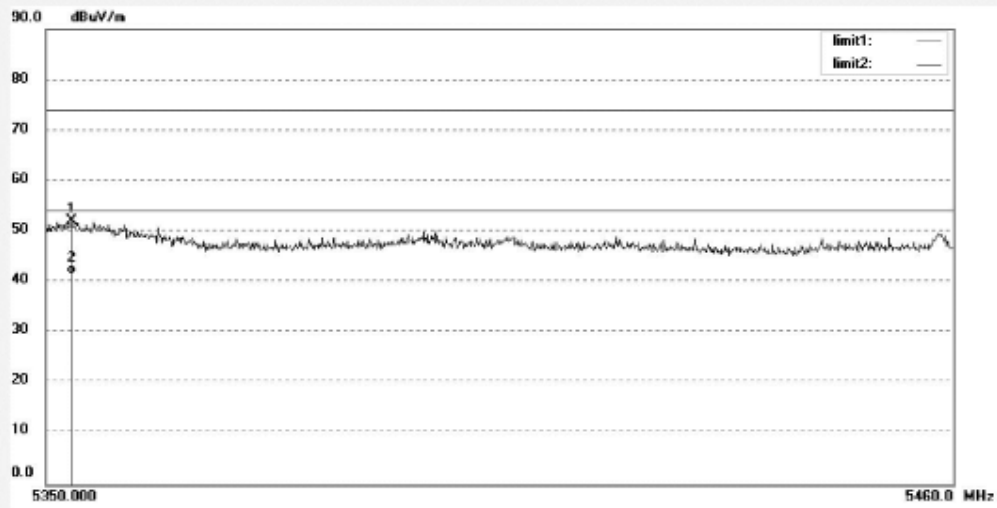


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Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2169	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5240MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT20--3TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5353.190	51.27	0.82	52.09	74.00	-21.91	peak			
2	5353.190	40.65	0.82	41.47	54.00	-12.53	AVG			

802.11ac VHT40_2TX - Beamforming



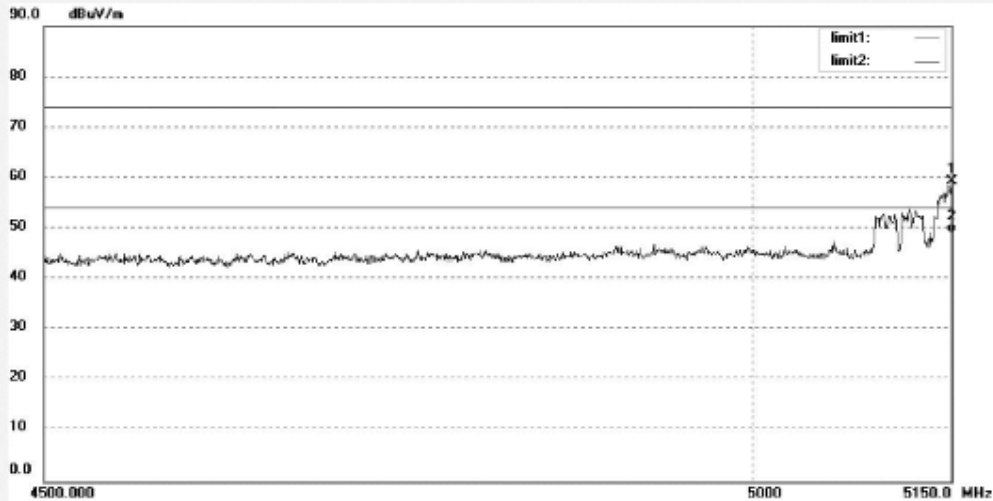
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: PZ #2170	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5190MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT40--2TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	58.89	0.51	59.40	74.00	-14.60	peak			
2	5150.000	48.66	0.51	49.17	54.00	-4.83	AVG			

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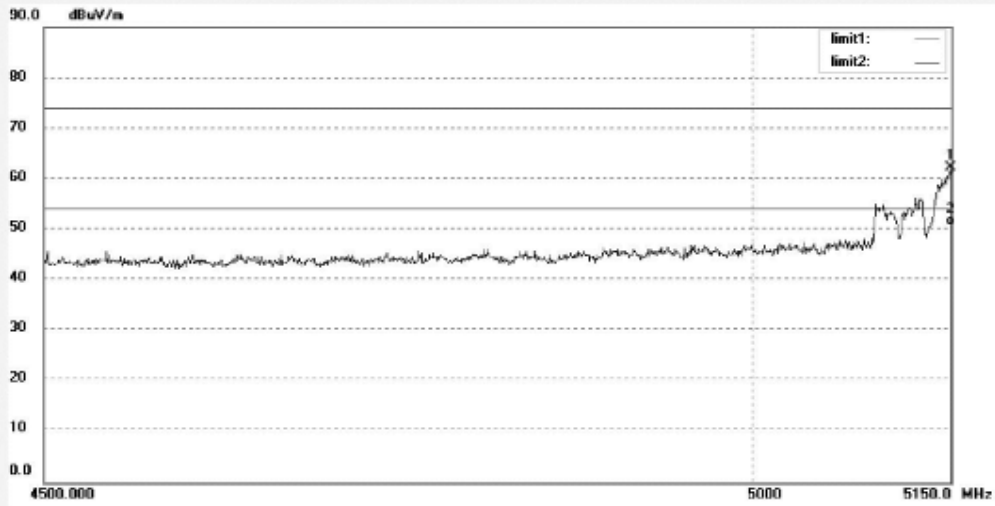
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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2171	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5190MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT40--2TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5149.350	61.73	0.51	62.24	74.00	-11.76	peak			
2	5149.350	50.26	0.51	50.77	54.00	-3.23	AVG			

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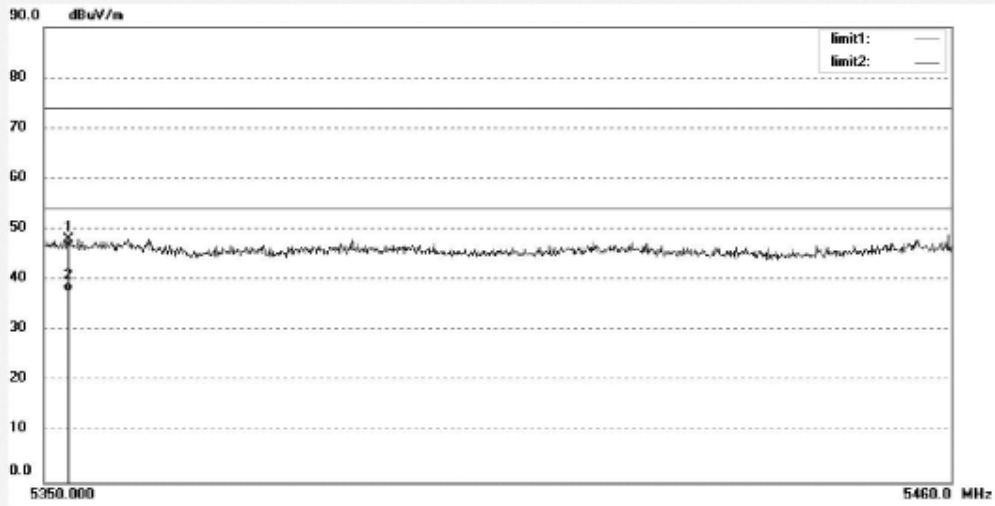
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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2172	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5230MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT40--2TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5352.970	47.20	0.82	48.02	74.00	-25.98	peak			
2	5352.970	36.85	0.82	37.67	54.00	-16.33	AVG			

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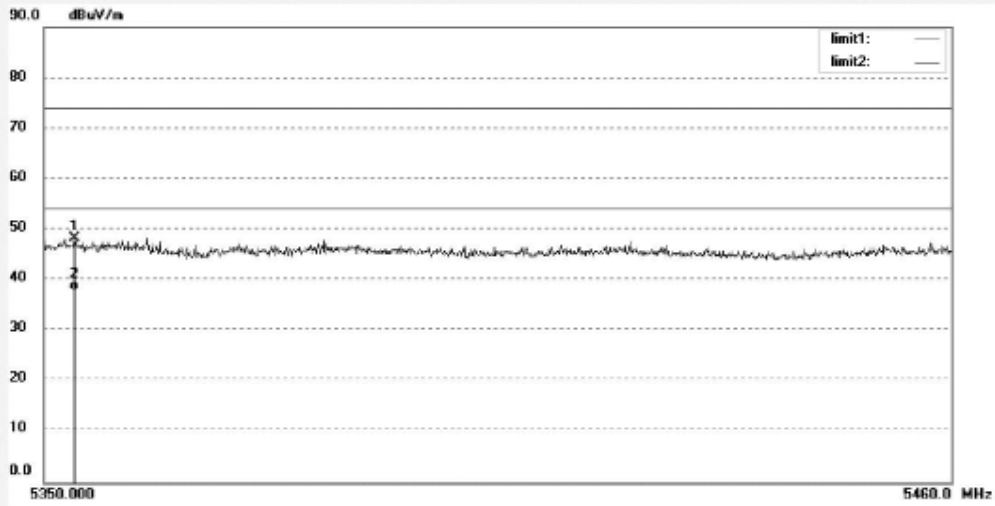
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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2173	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5230MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT40--2TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5353.740	47.50	0.83	48.33	74.00	-25.67	peak			
2	5353.740	36.98	0.83	37.81	54.00	-16.19	AVG			

802.11ac VHT40_3TX - Beamforming



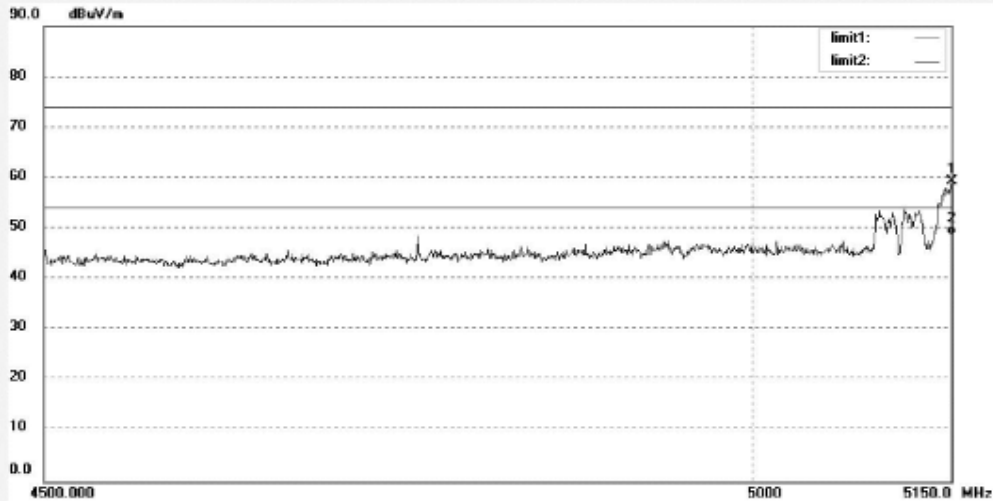
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
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Job No.: PZ #2174	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5190MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT40--3TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5150.000	58.77	0.51	59.28	74.00	-14.72	peak			
2	5150.000	48.16	0.51	48.67	54.00	-5.33	AVG			

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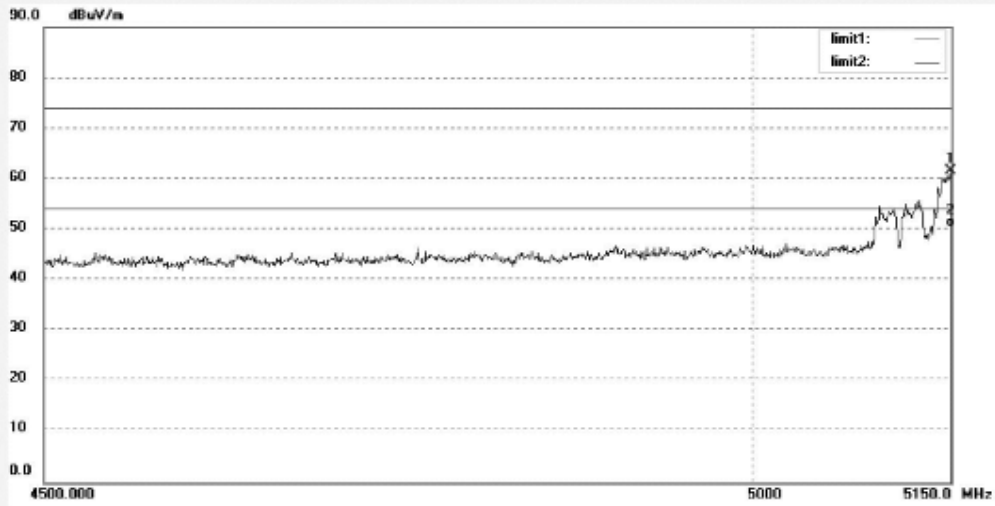
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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2175	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5190MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT40--3TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5149.350	61.05	0.51	61.56	74.00	-12.44	peak			
2	5149.350	50.00	0.51	50.51	54.00	-3.49	AVG			

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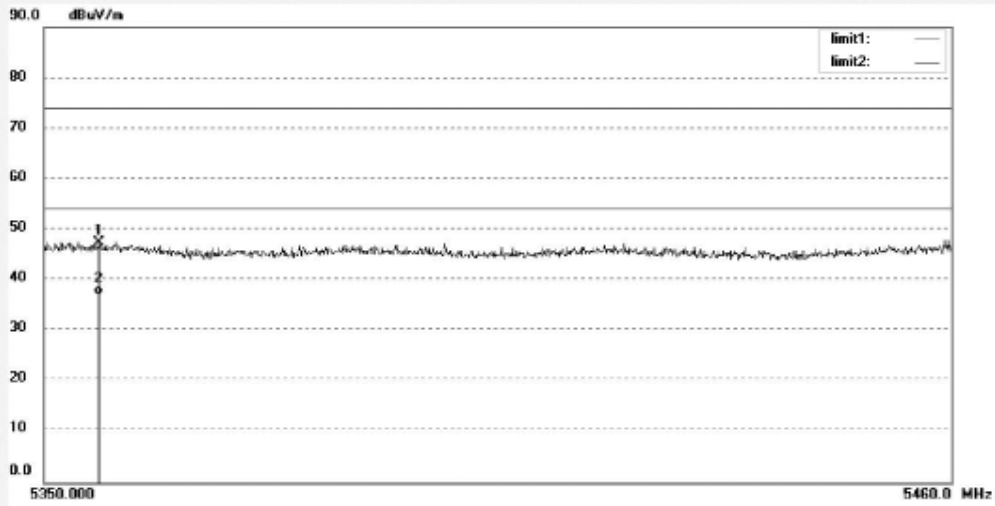
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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2176	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5230MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT40--3TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5356.710	46.65	0.82	47.47	74.00	-26.53	peak			
2	5356.710	36.16	0.82	36.98	54.00	-17.02	AVG			

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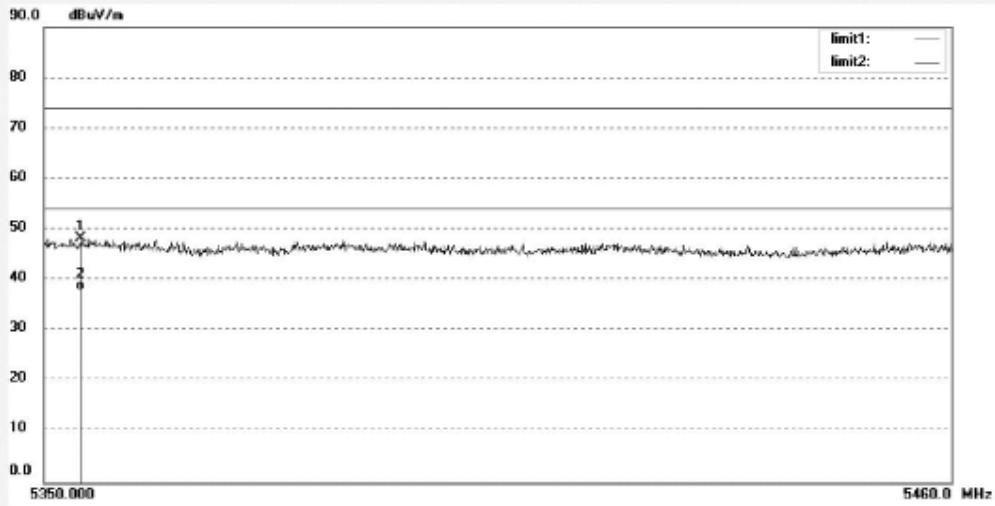
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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2177	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5230MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT40--3TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5354.510	47.42	0.83	48.25	74.00	-25.75	peak			
2	5354.510	37.04	0.83	37.87	54.00	-16.13	AVG			

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802.11ac VHT80_2TX - Beamforming



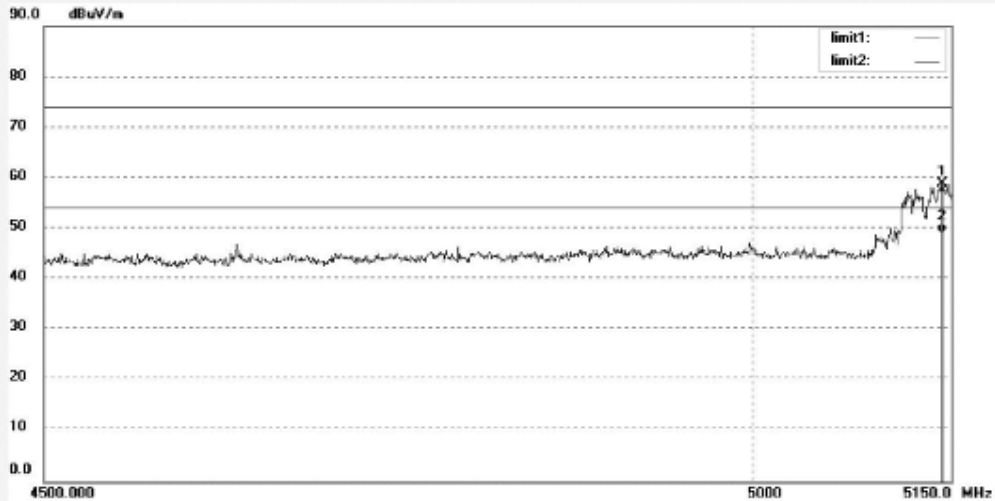
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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2178	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5210MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT80--2TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5143.500	58.44	0.49	58.93	74.00	-15.07	peak			
2	5143.500	48.62	0.49	49.11	54.00	-4.89	AVG			

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 Products



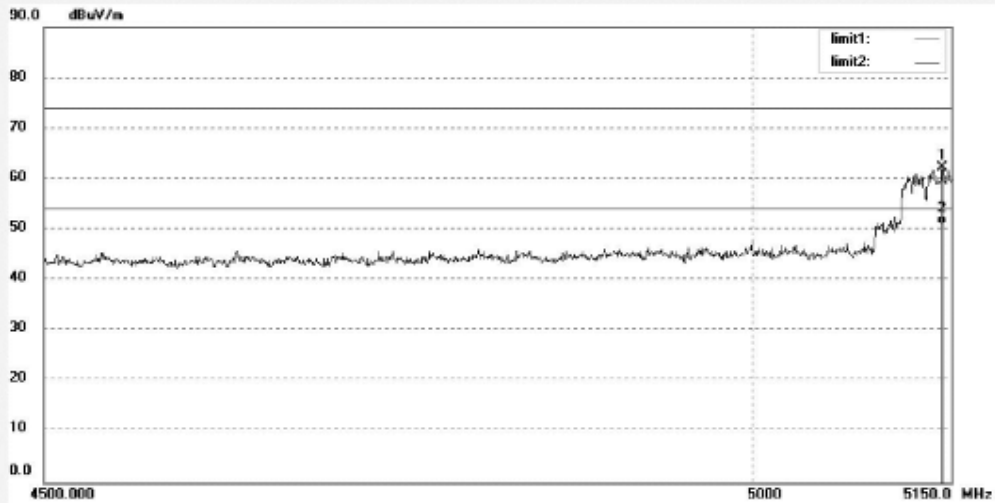
ACCURATE TECHNOLOGY CO., LTD.

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2179	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5210MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT80--2TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5143.500	61.66	0.49	62.15	74.00	-11.85	peak			
2	5143.500	50.50	0.49	50.99	54.00	-3.01	AVG			

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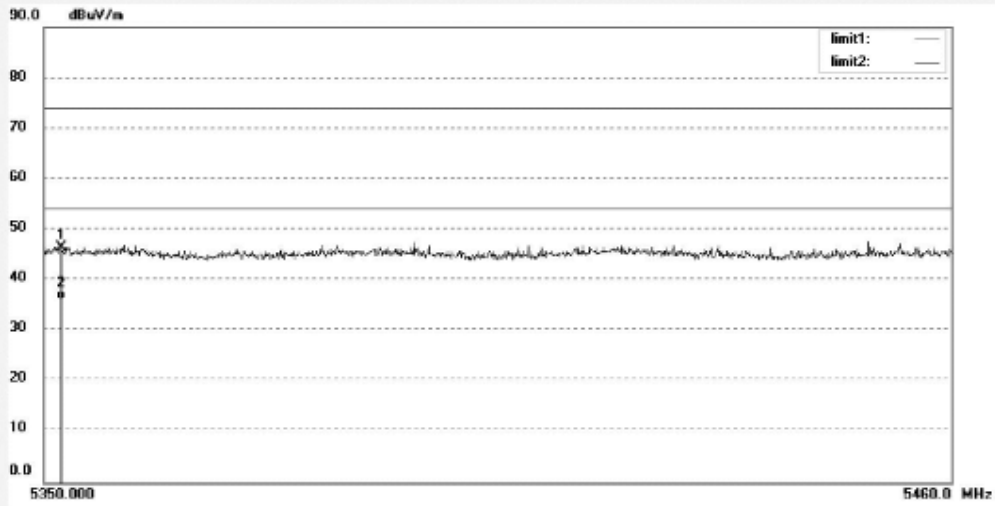
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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2180	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5210MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT80--2TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5352.090	45.71	0.83	46.54	74.00	-27.46	peak			
2	5352.090	35.30	0.83	36.13	54.00	-17.87	AVG			

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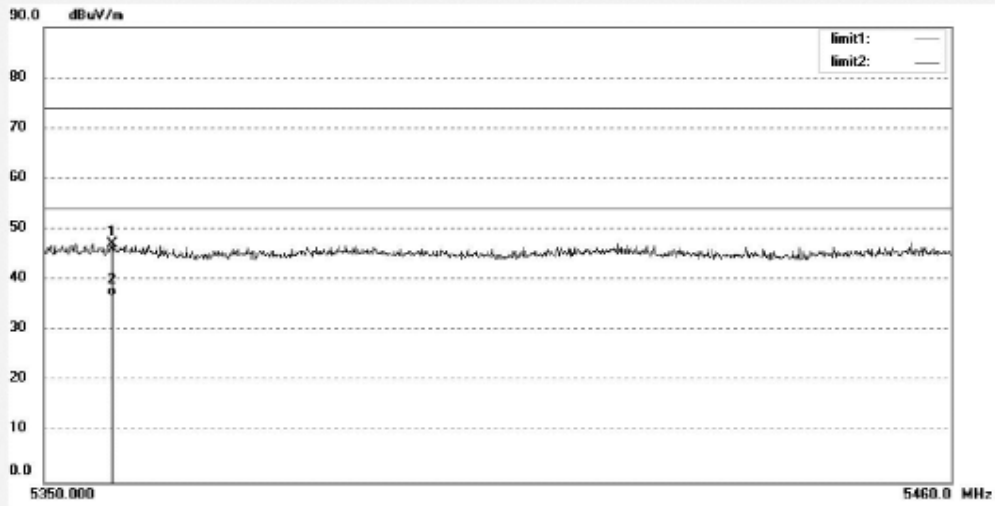
ACCURATE TECHNOLOGY CO., LTD.

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2181	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5210MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT80--2TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5358.250	46.44	0.81	47.25	74.00	-26.75	peak			
2	5358.250	35.87	0.81	36.68	54.00	-17.32	AVG			

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802.11ac VHT80_3TX - Beamforming



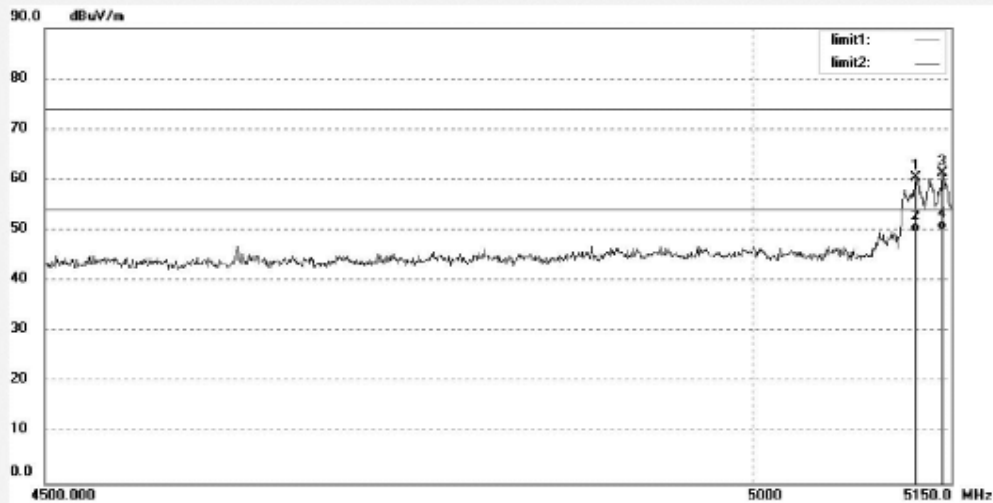
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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2182	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5210MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT80---3TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5122.700	59.99	0.42	60.41	74.00	-13.59	peak			
2	5122.700	49.26	0.42	49.68	54.00	-4.32	AVG			
3	5143.500	60.75	0.49	61.24	74.00	-12.76	peak			
4	5143.500	49.67	0.49	50.16	54.00	-3.84	AVG			

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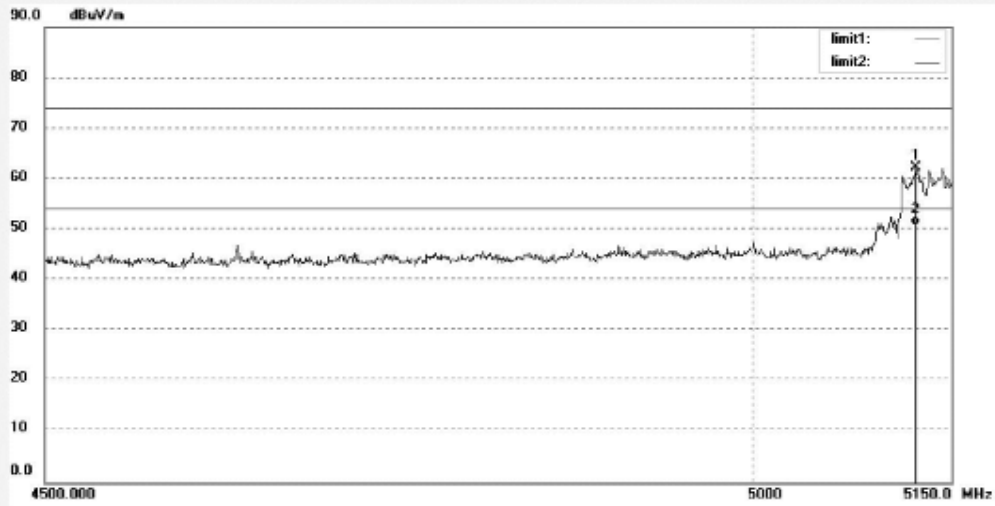
ACCURATE TECHNOLOGY CO., LTD.

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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2183	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5210MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT80---3TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5123.350	61.78	0.42	62.20	74.00	-11.80	peak			
2	5123.350	50.36	0.42	50.78	54.00	-3.22	AVG			

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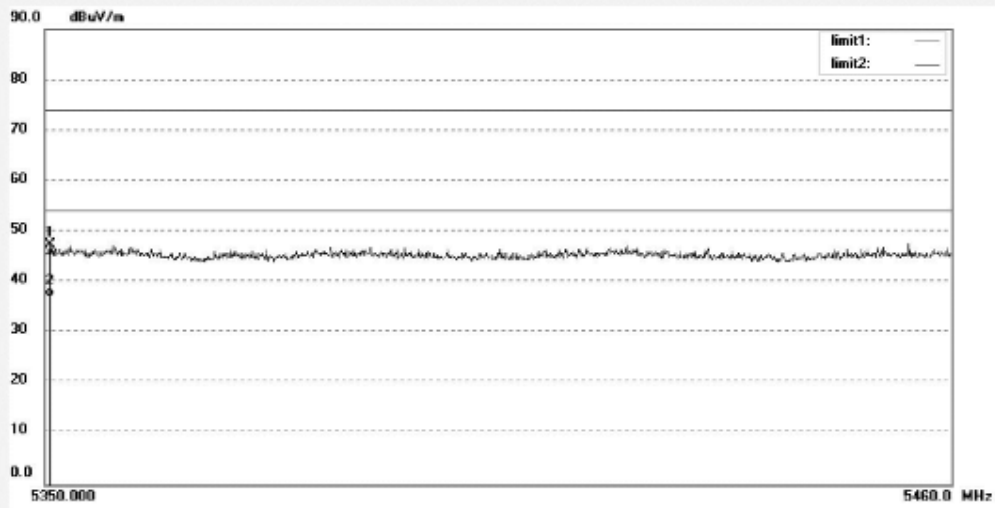


ACCURATE TECHNOLOGY CO., LTD.
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd.
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PZ #2184	Polarization: Vertical
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5210MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT80---3TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5350.660	46.58	0.84	47.42	74.00	-26.58	peak			
2	5350.660	36.18	0.84	37.02	54.00	-16.98	AVG			

Produkte
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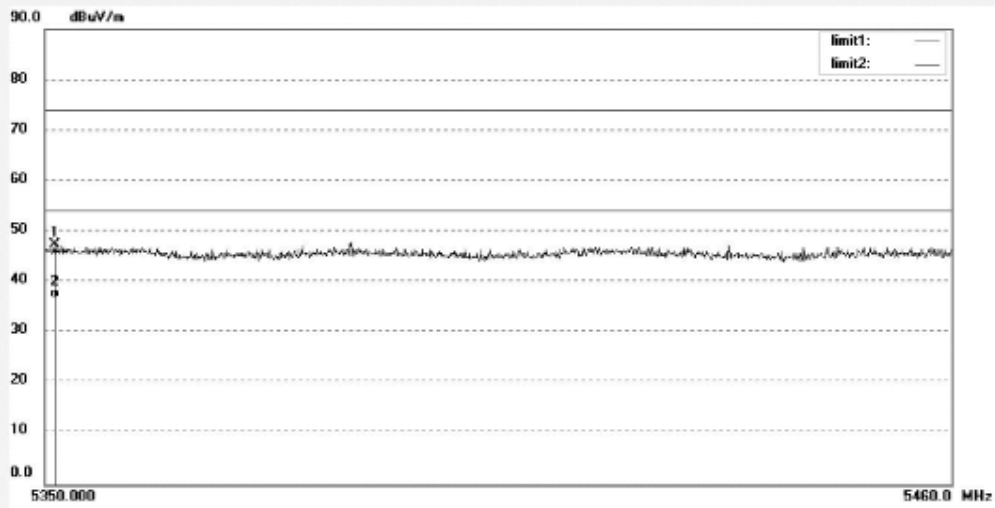
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd.
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: PZ #2185	Polarization: Horizontal
Standard: FCC (Band Edge)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/11/20/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: WiFi Advisor	Engineer Signature: PEI
Mode: TX 5210MHz	Distance: 3m
Model: WFED-300AC	
Manufacturer: JDSU	

Note: 802.11ac VHT80---3TX (Beamforming)



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5351.210	46.53	0.84	47.37	74.00	-26.63	peak			
2	5351.210	36.06	0.84	36.90	54.00	-17.10	AVG			

Appendix C

Test Results of Maximum Conducted Output Power, Power Spectral Density and Bandwidth for U-NII-3 band

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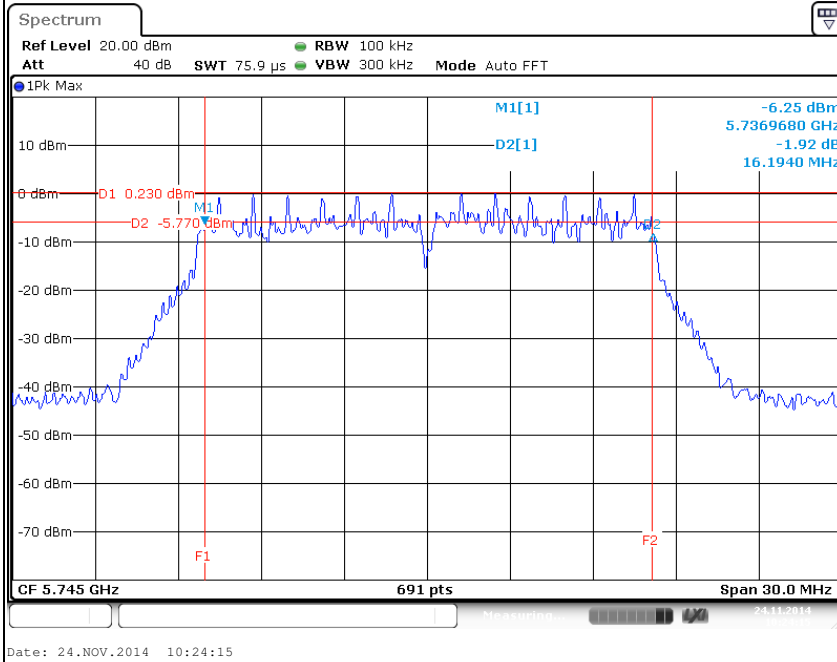
Appendix C.1: Maximum Conducted Output Power

Channel	ANT 1 Measured Power (dBm)			ANT 2 Measured Power (dBm)			ANT 3 Measured Power (dBm)			Total Power (dBm)			Limit (dBm)	Conclusion
	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165		
ITX - Non Beamforming														
802.11a_6Mbps	16.13	16.31	16.78	...	...	...	...	...	...	...	...	...	30.00	PASS
802.11an_HT20_MCS0	16.22	16.40	16.76	...	...	...	...	...	...	...	...	...	30.00	PASS
802.11ac_VHT20_MCS0NSS1	15.51	15.78	16.10	...	...	...	...	...	...	...	...	...	30.00	PASS
Channel	Ch151	Ch 159	...	Ch151	Ch 159	...	Ch151	Ch 159	...	Ch151	Ch 159	...	Limit (dBm)	Conclusion
802.11an_HT40_MCS0	17.27	17.52	...	...	...	...	...	...	...	...	...	...	30.00	PASS
802.11ac_VHT40_MCS0NSS1	16.76	16.87	...	...	...	...	...	...	...	...	...	...	30.00	PASS
Channel	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Limit (dBm)	Conclusion
802.11ac_VHT80_MCS0NSS1	10.58	...	...	...	...	...	...	...	...	10.58	...	...	30.00	PASS
2TX - Non Beamforming														
Channel	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Limit (dBm)	Conclusion
802.11a_6Mbps	16.26	16.17	16.46	...	...	...	...	...	...	...	...	...	28.00	PASS
802.11an_HT20_MCS6	15.80	15.63	16.25	...	...	...	...	...	...	...	...	...	28.00	PASS
802.11ac_VHT20_MCS0NSS2	15.38	15.38	15.61	...	...	...	...	...	...	...	...	...	28.00	PASS
Channel	Ch151	Ch 159	...	Ch151	Ch 159	...	Ch151	Ch 159	...	Ch151	Ch 159	...	Limit (dBm)	Conclusion
802.11an_HT40_MCS8	17.01	17.13	...	...	...	...	...	...	...	...	...	...	28.00	PASS
802.11ac_VHT40_MCS0NSS2	16.26	16.16	...	...	...	...	...	...	...	...	...	...	28.00	PASS
Channel	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Limit (dBm)	Conclusion
802.11ac_VHT80_MCS0NSS2	10.53	...	...	...	...	...	...	...	...	10.53	...	...	28.00	PASS
3TX - Non Beamforming														
Channel	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Limit (dBm)	Conclusion
802.11a_6Mbps	16.20	16.06	16.37	...	...	...	...	...	...	...	...	...	26.20	PASS
802.11an_HT20_MCS16	15.78	16.00	16.19	...	...	...	...	...	...	...	...	...	26.20	PASS
802.11ac_VHT20_MCS0NSS3	15.30	15.30	15.71	...	...	...	...	...	...	...	...	...	26.20	PASS
Channel	Ch151	Ch 159	...	Ch151	Ch 159	...	Ch151	Ch 159	...	Ch151	Ch 159	...	Limit (dBm)	Conclusion
802.11an_HT40_MCS16	16.84	17.02	...	...	...	...	...	...	...	...	...	...	26.20	PASS
802.11ac_VHT40_MCS0NSS3	16.35	16.30	...	...	...	...	...	...	...	...	...	...	26.20	PASS
Channel	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Limit (dBm)	Conclusion
802.11ac_VHT80_MCS0NSS3	10.57	...	...	...	...	...	...	...	...	10.57	...	...	26.20	PASS
2TX - Beamforming														
Channel	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Limit (dBm)	Conclusion
802.11a_6Mbps	15.69	15.71	16.15	...	...	...	...	...	...	...	...	...	28.00	PASS
802.11an_HT20_MCS8	15.33	15.34	15.81	...	...	...	...	...	...	...	...	...	28.00	PASS
802.11ac_VHT20_MCS0NSS2	16.96	17.07	...	...	...	...	...	...	...	...	...	...	28.00	PASS
Channel	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Limit (dBm)	Conclusion
802.11ac_VHT40_MCS0NSS2	16.19	16.30	...	...	...	...	...	...	...	...	...	...	28.00	PASS
Channel	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Limit (dBm)	Conclusion
802.11ac_VHT80_MCS0NSS1	10.46	...	...	...	...	...	...	...	...	10.46	...	...	28.00	PASS
3TX - Beamforming														
Channel	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Limit (dBm)	Conclusion
802.11an_HT20_MCS16	15.78	15.91	16.34	...	...	...	...	...	...	...	...	...	26.20	PASS
802.11ac_VHT20_MCS0NSS3	15.45	15.27	15.71	...	...	...	...	...	...	...	...	...	26.20	PASS
Channel	Ch151	Ch 159	...	Ch151	Ch 159	...	Ch151	Ch 159	...	Ch151	Ch 159	...	Limit (dBm)	Conclusion
802.11an_HT40_MCS16	17.05	16.88	...	...	...	...	...	...	...	...	...	...	26.20	PASS
802.11ac_VHT40_MCS0NSS3	16.31	16.45	...	...	...	...	...	...	...	...	...	...	26.20	PASS
Channel	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Ch 155	...	...	Limit (dBm)	Conclusion
802.11ac_VHT80_MCS0NSS3	10.43	...	...	...	...	...	...	...	...	10.43	...	...	26.20	PASS

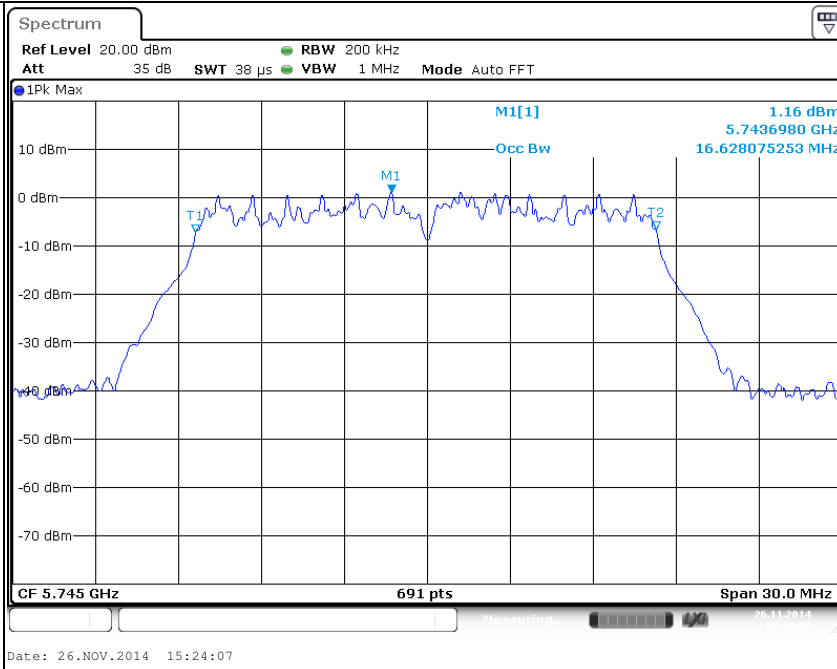
Appendix C.2: 6dB Bandwidth and 99% Bandwidth

802.11a

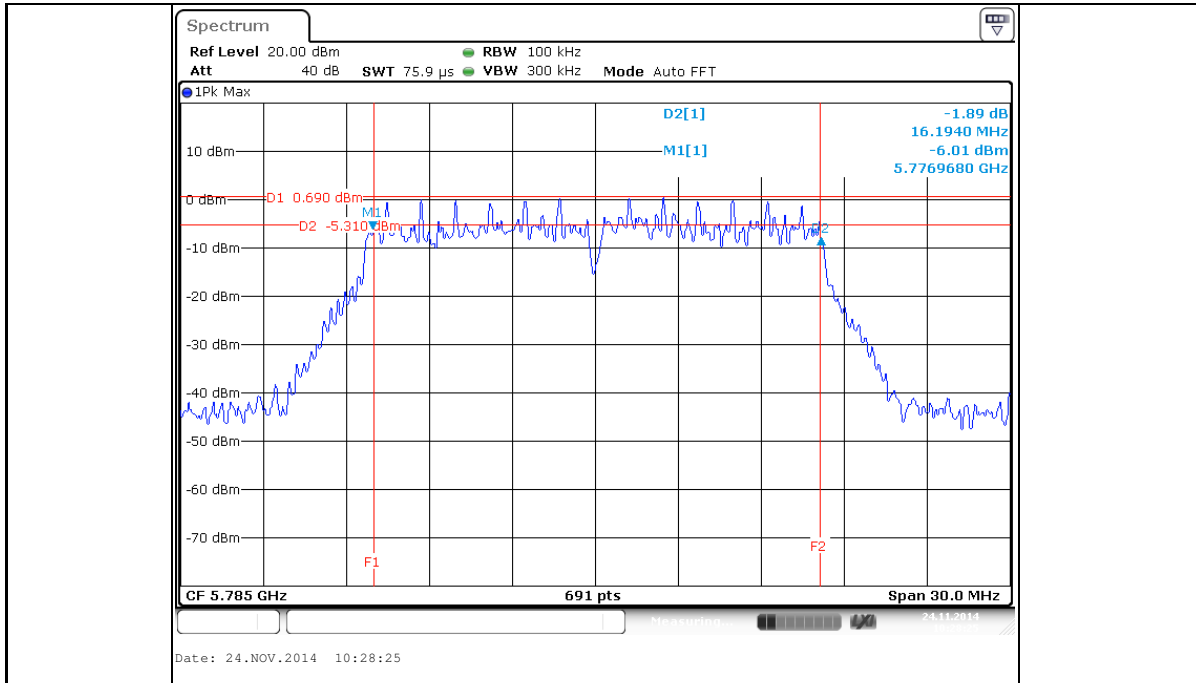
Channel 149, 6dB Bandwidth



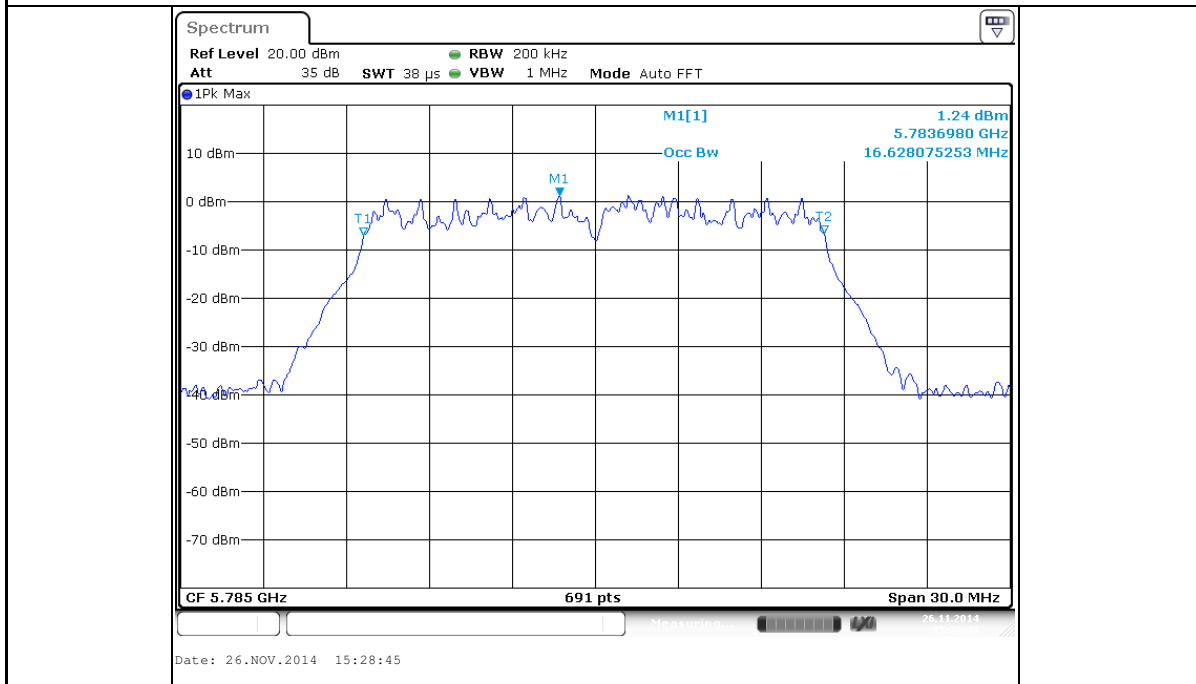
Channel 149, 99% Bandwidth



Channel 157, 6dB Bandwidth

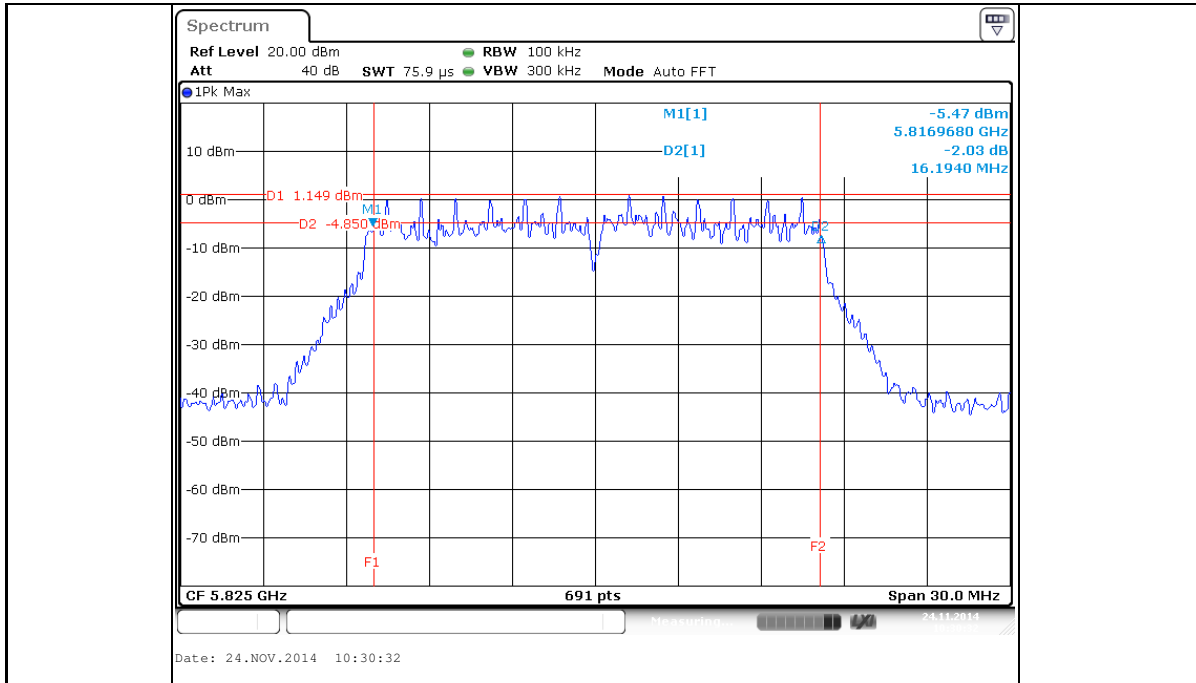


Channel 157, 99% Bandwidth

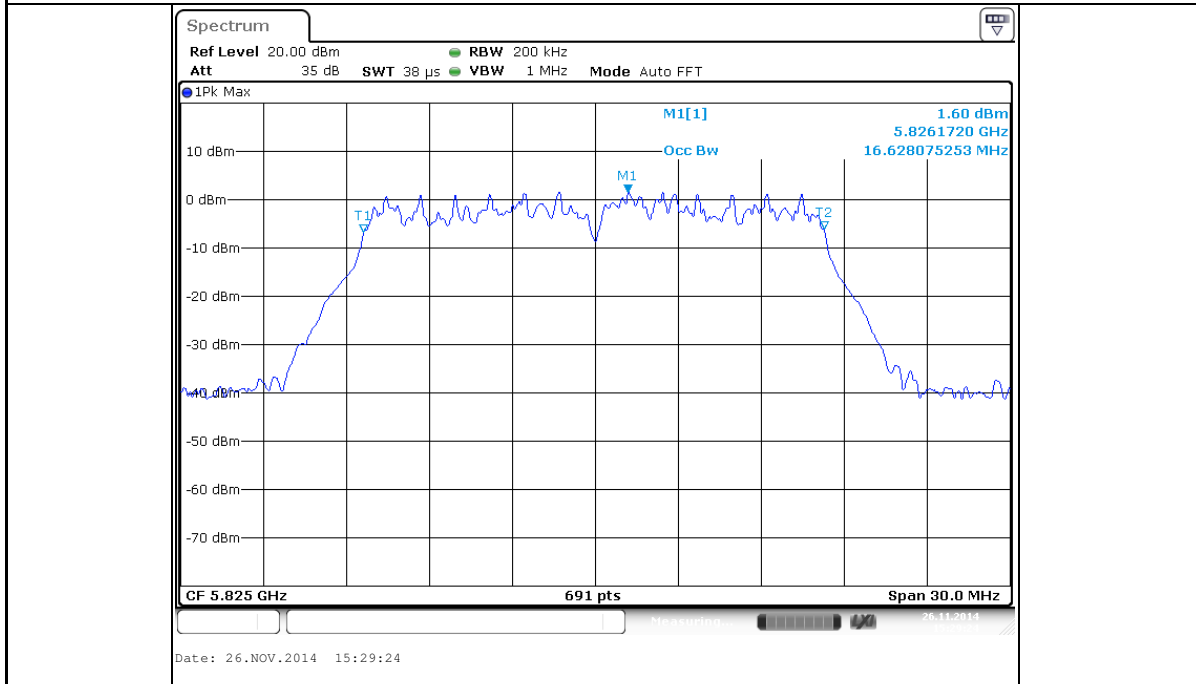


Channel 165, 6dB Bandwidth

Produkte
 Products

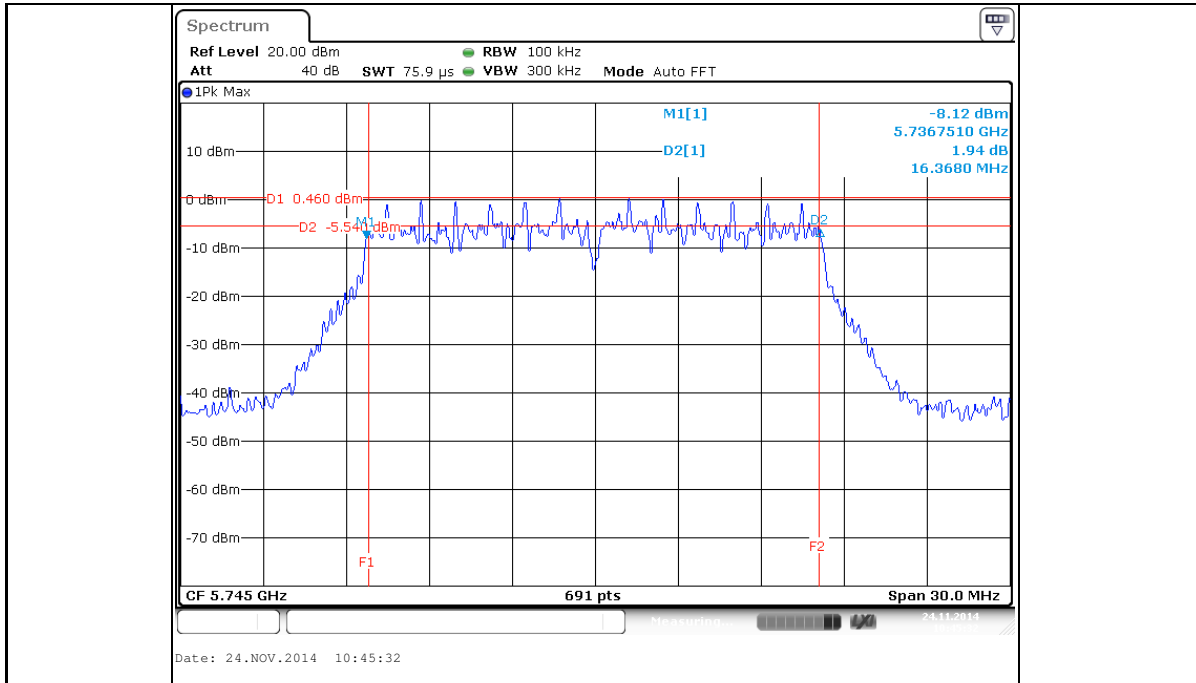


Channel 165, 99% Bandwidth

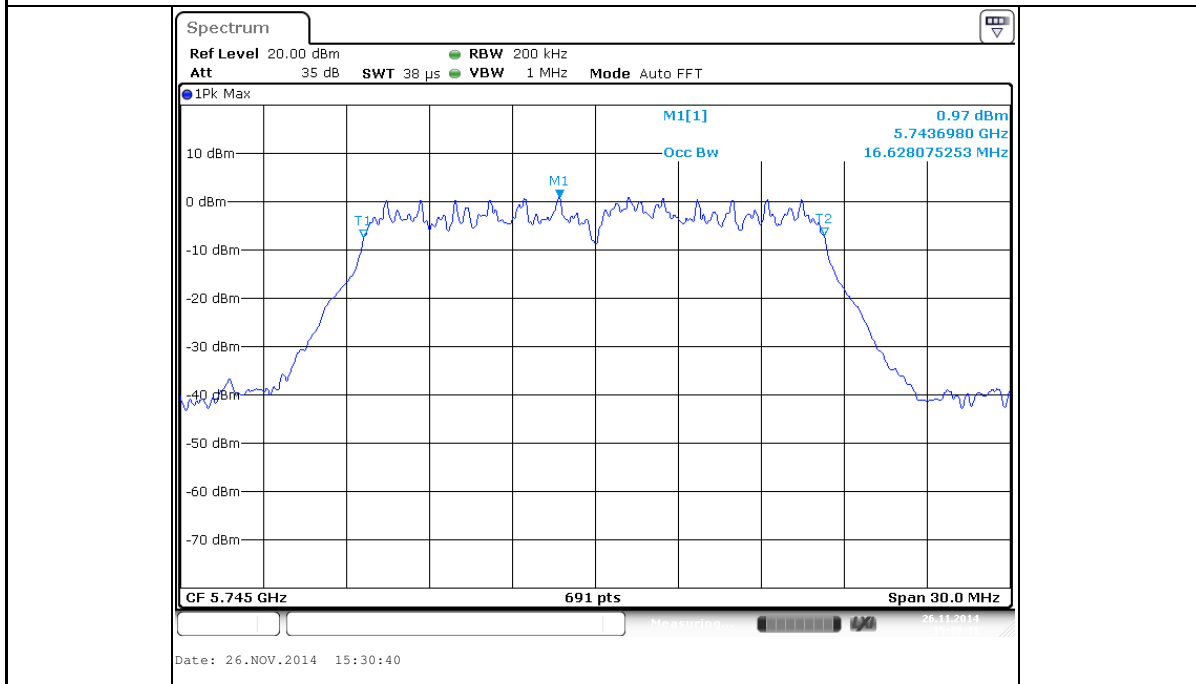


802.11n HT20

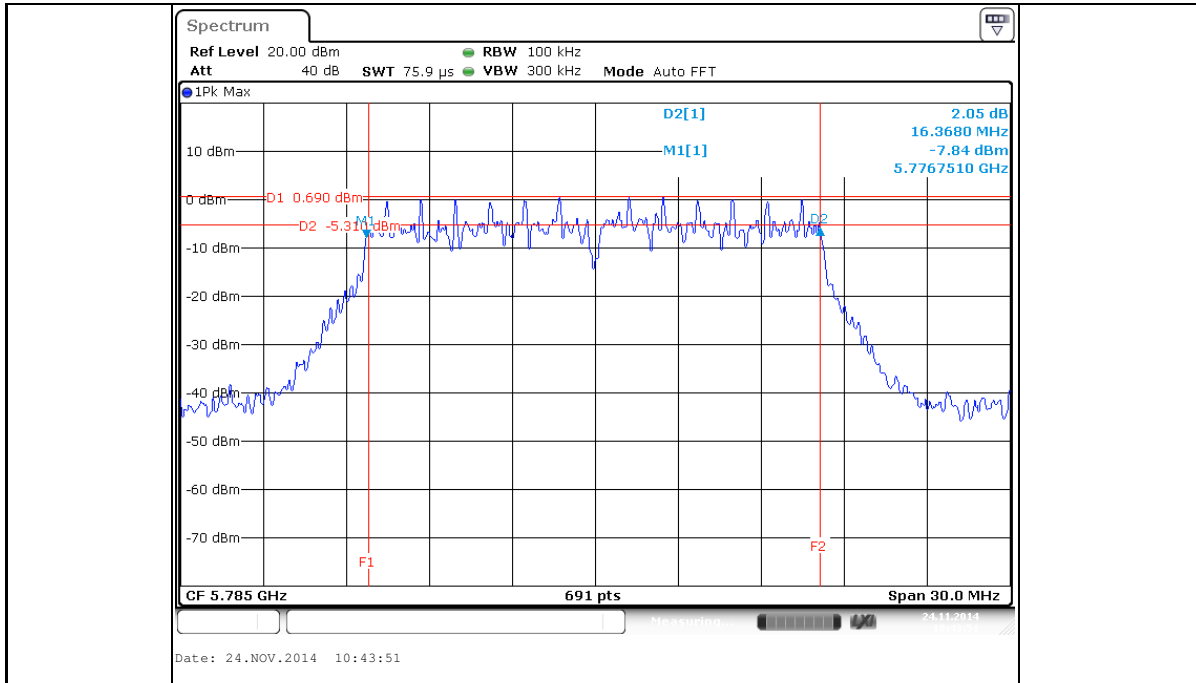
Channel 149, 6dB Bandwidth



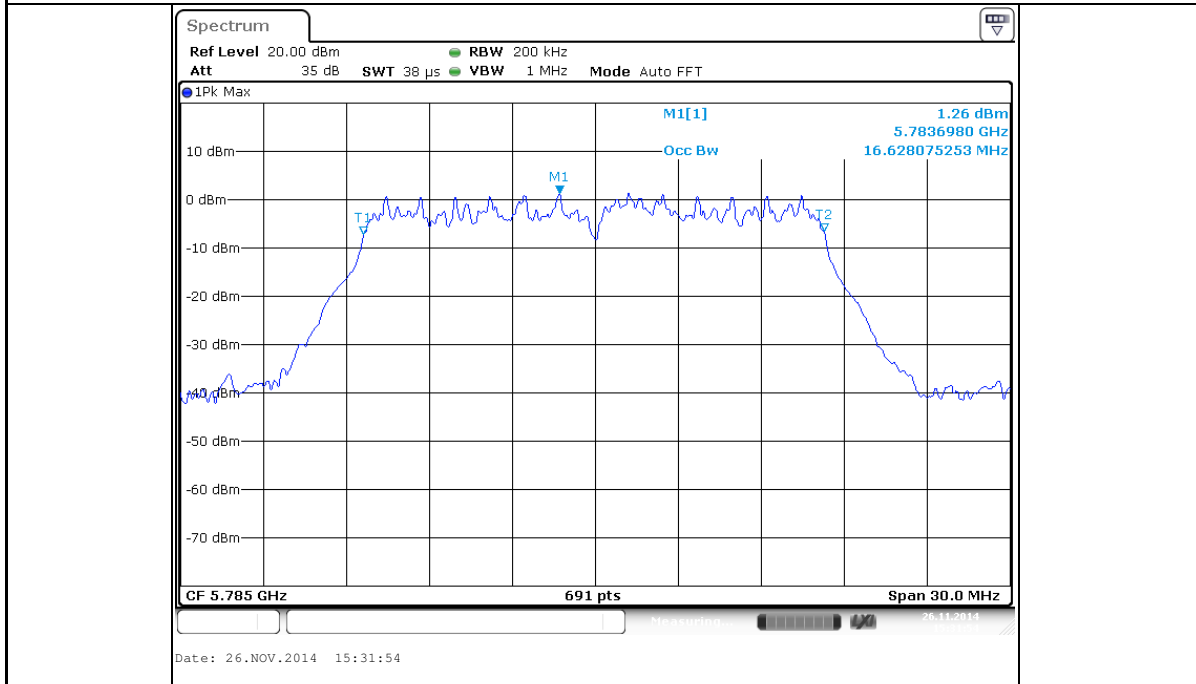
Channel 149, 99% Bandwidth



Channel 157, 6dB Bandwidth

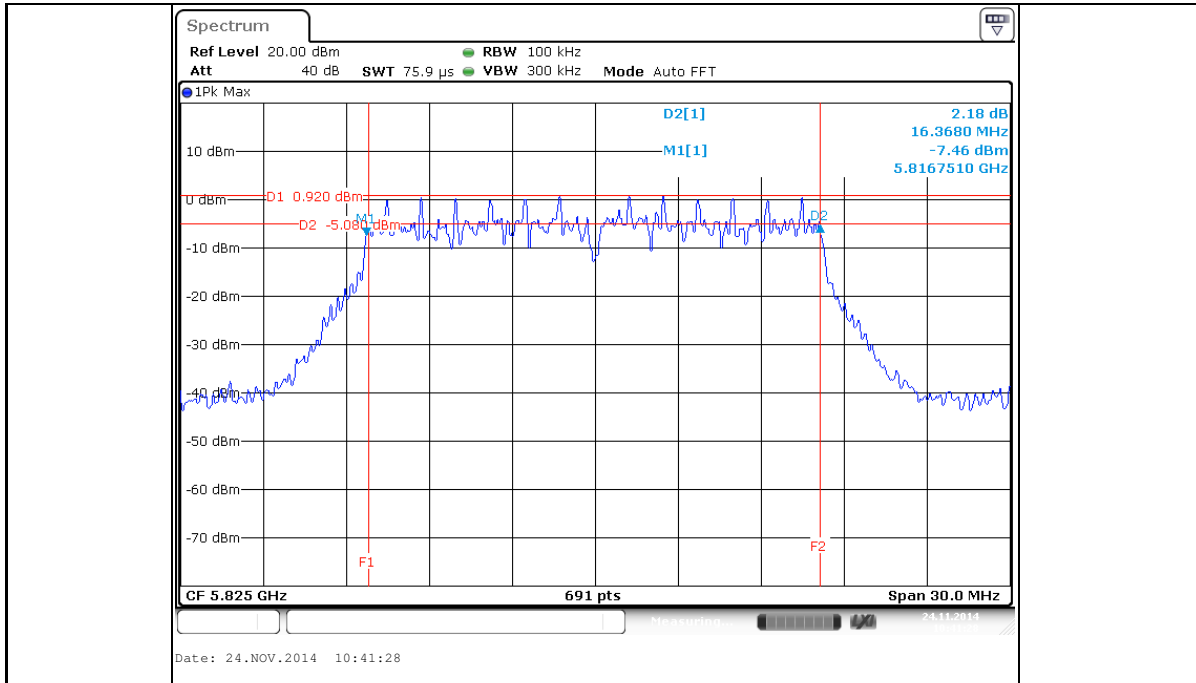


Channel 157, 99% Bandwidth

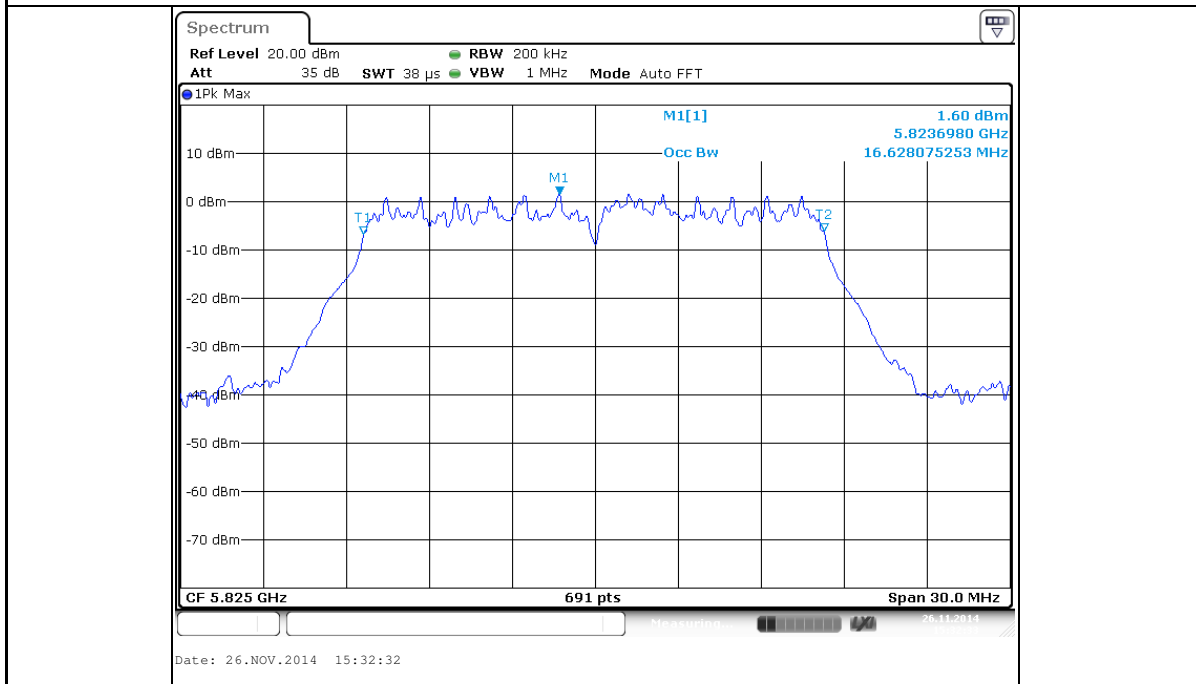


Channel 165, 6dB Bandwidth

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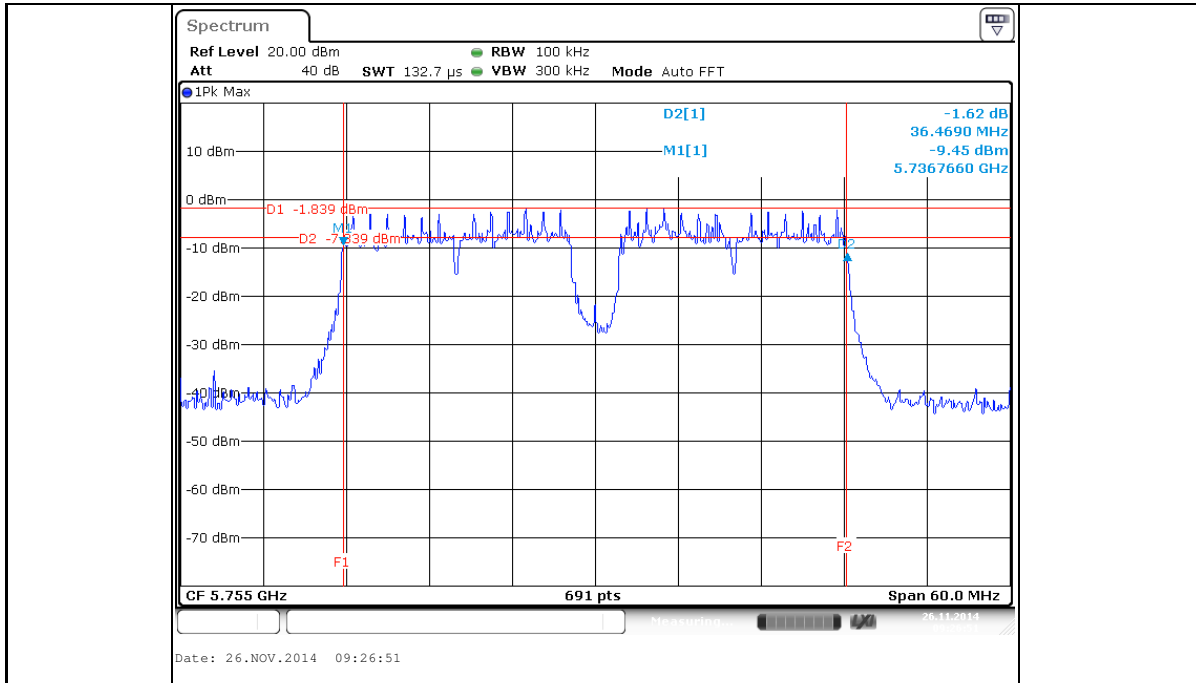


Channel 165, 99% Bandwidth

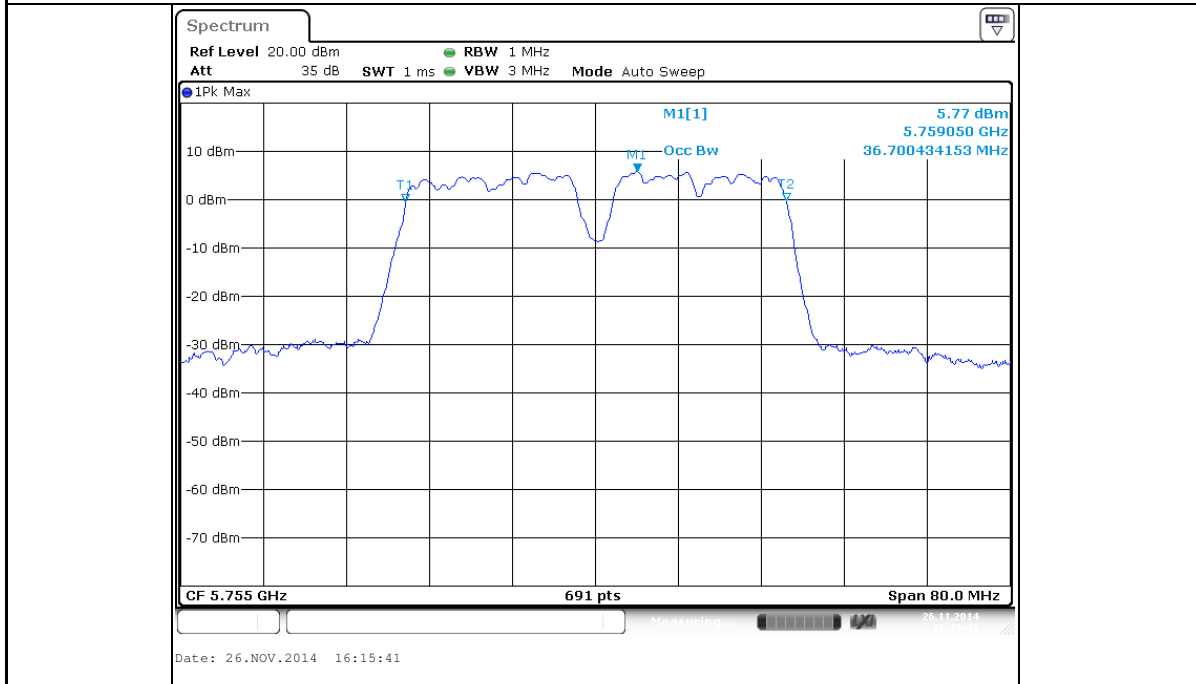


802.11n HT40

Channel 151, 6dB Bandwidth

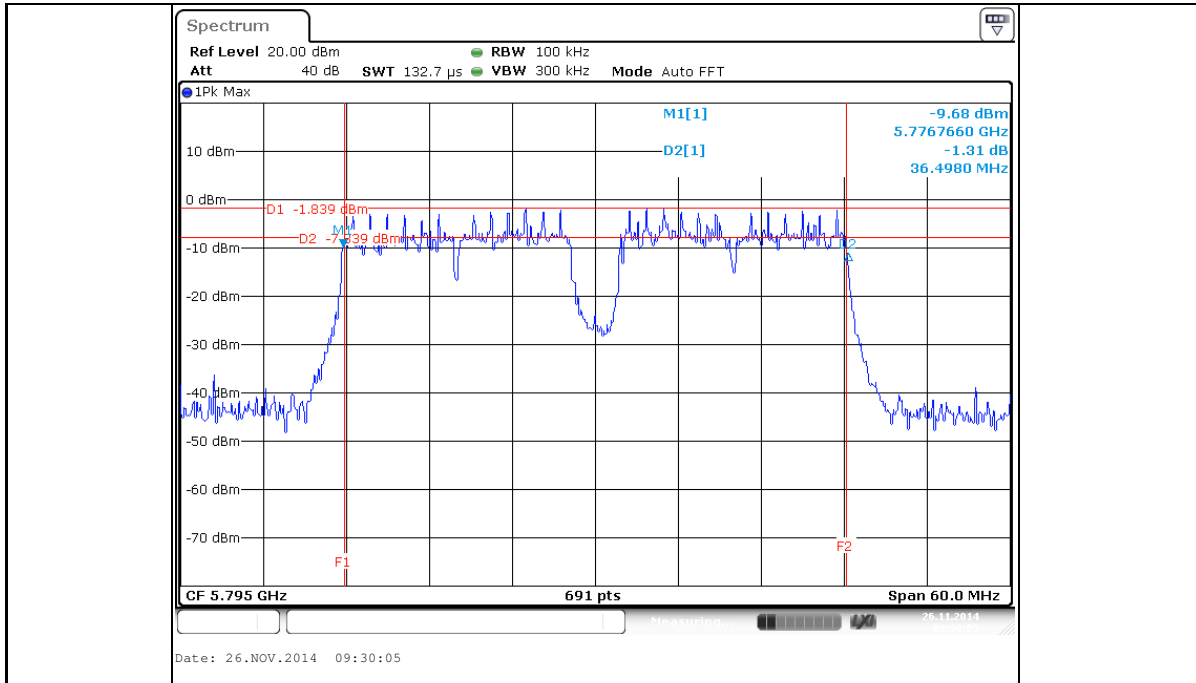


Channel 151, 99% Bandwidth

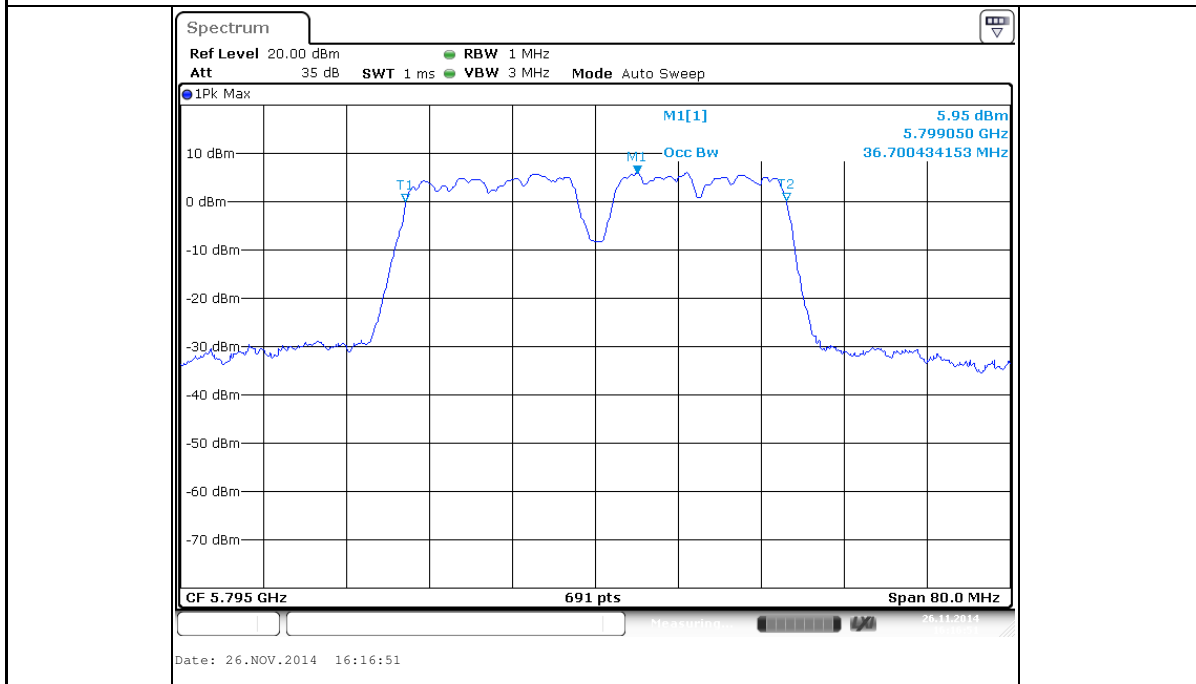


Channel 159, 6dB Bandwidth

Produkte
 Products

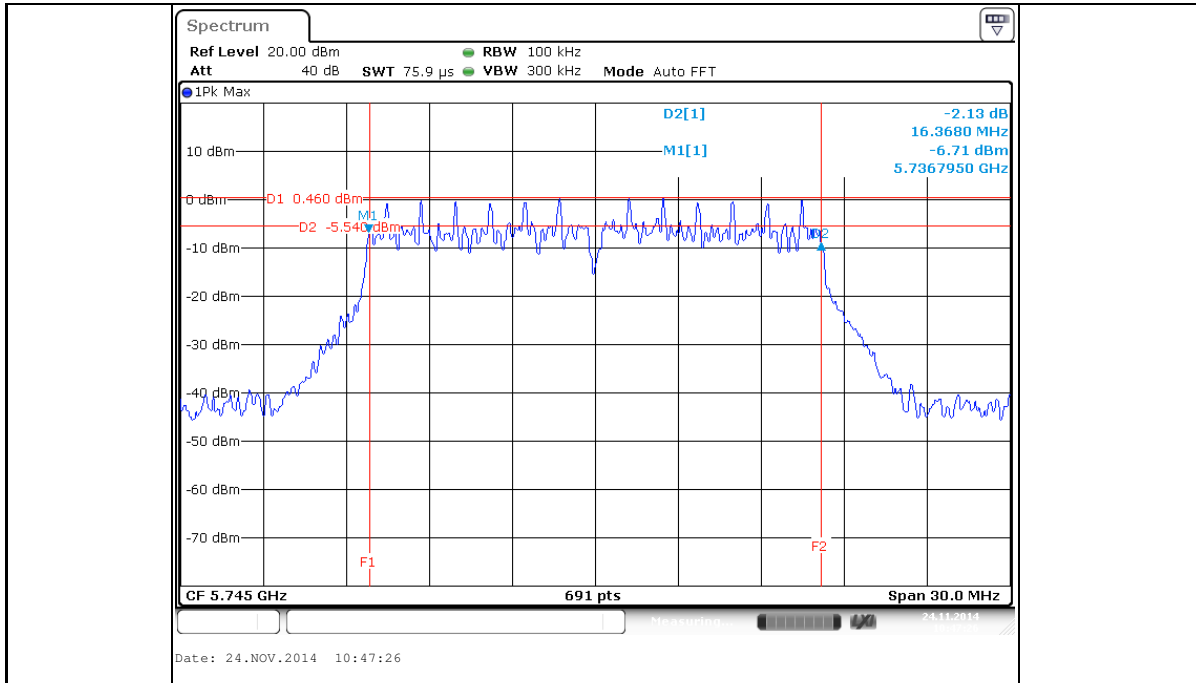


Channel 159, 99% Bandwidth

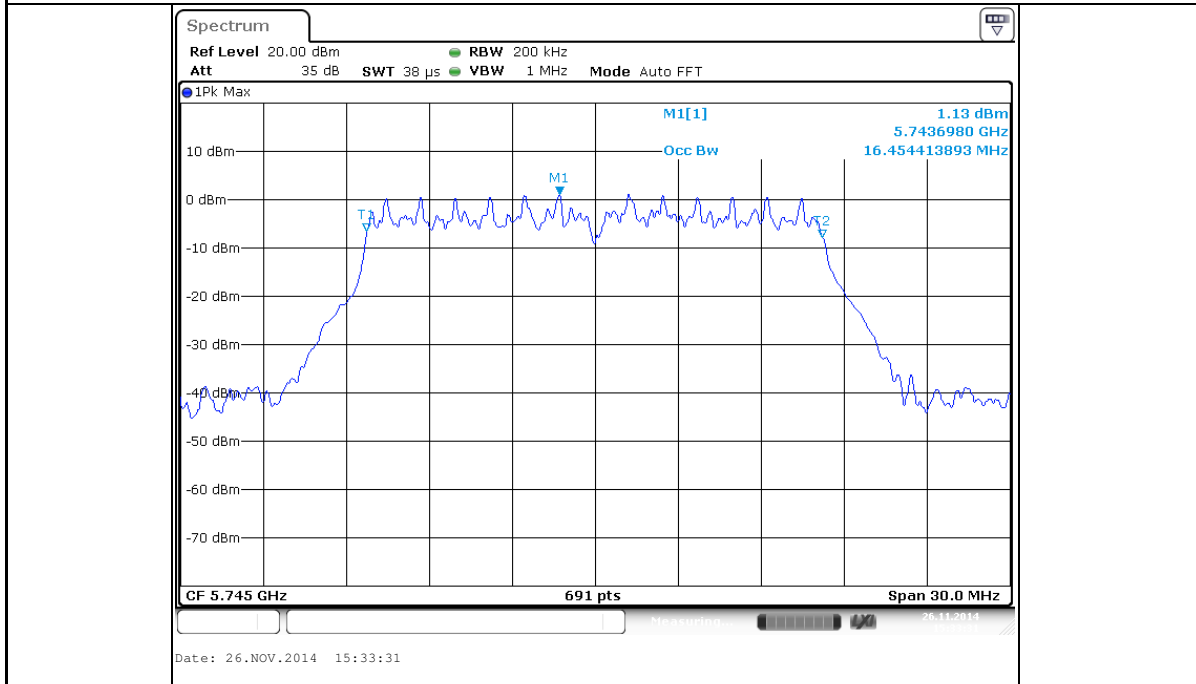


802.11ac VHT20

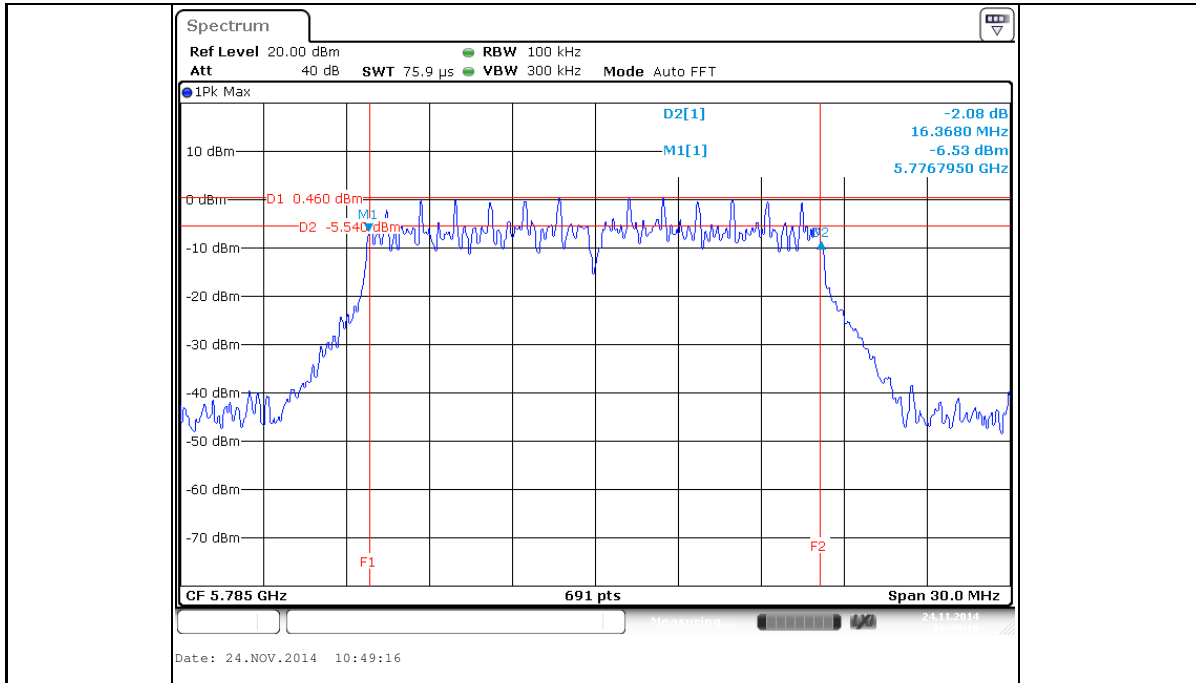
Channel 149, 6dB Bandwidth



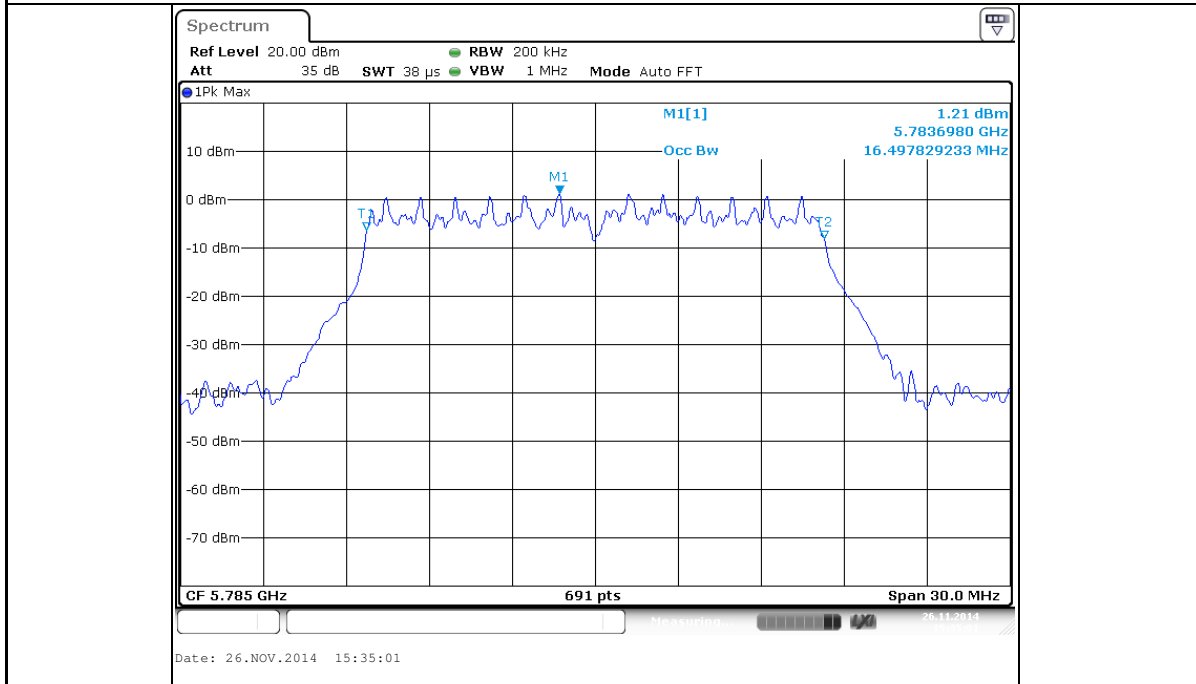
Channel 149, 99% Bandwidth



Channel 157, 6dB Bandwidth

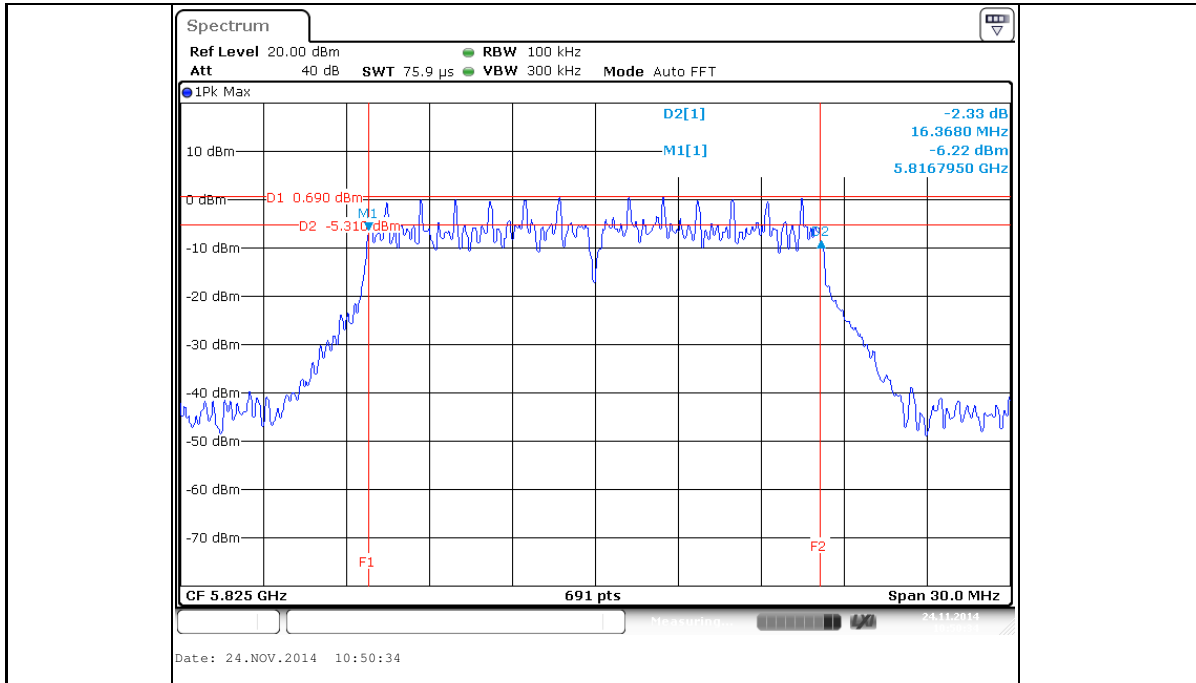


Channel 157, 99% Bandwidth

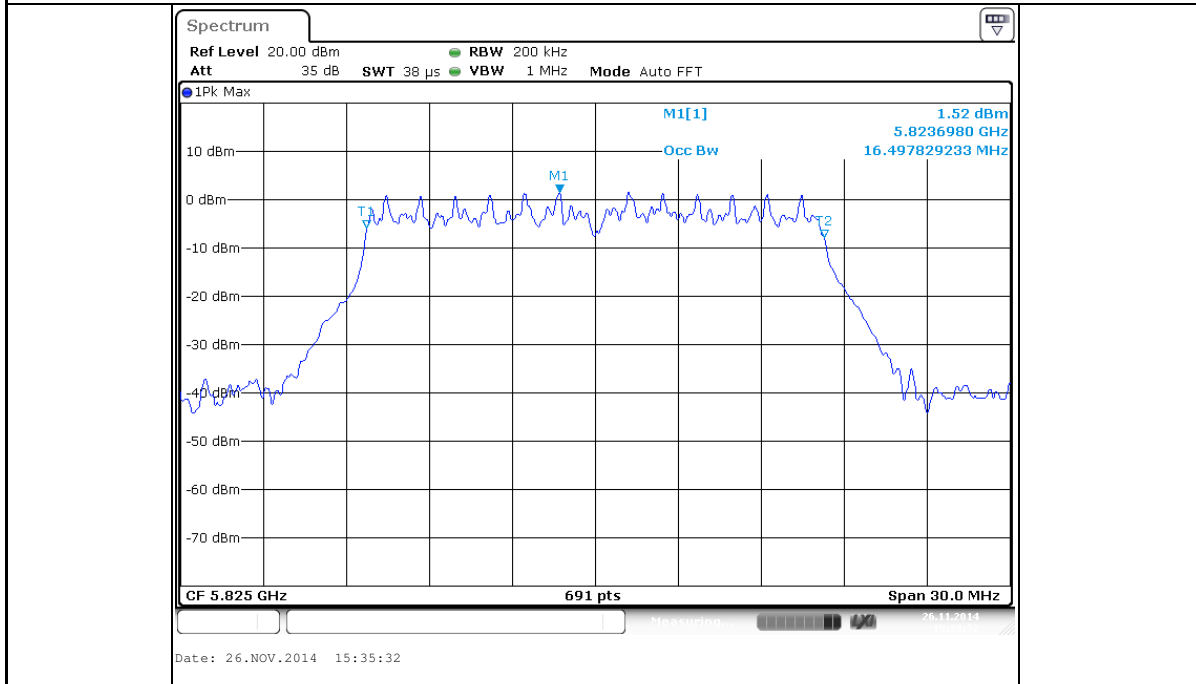


Channel 165, 6dB Bandwidth

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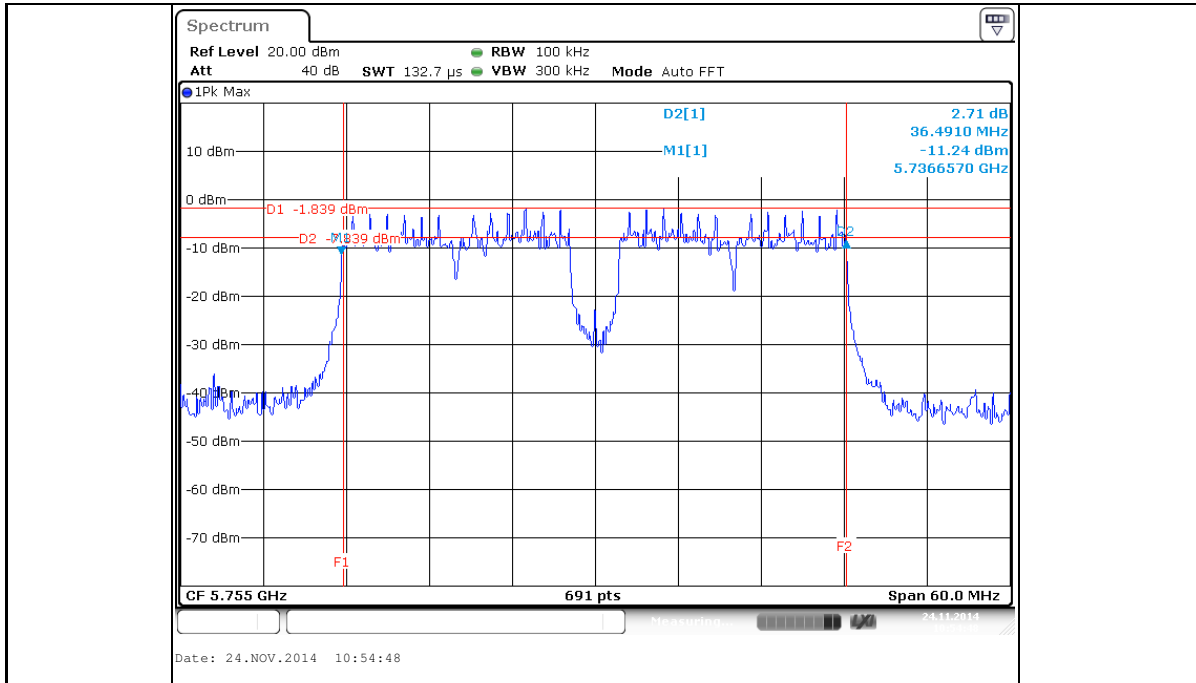


Channel 165, 99% Bandwidth

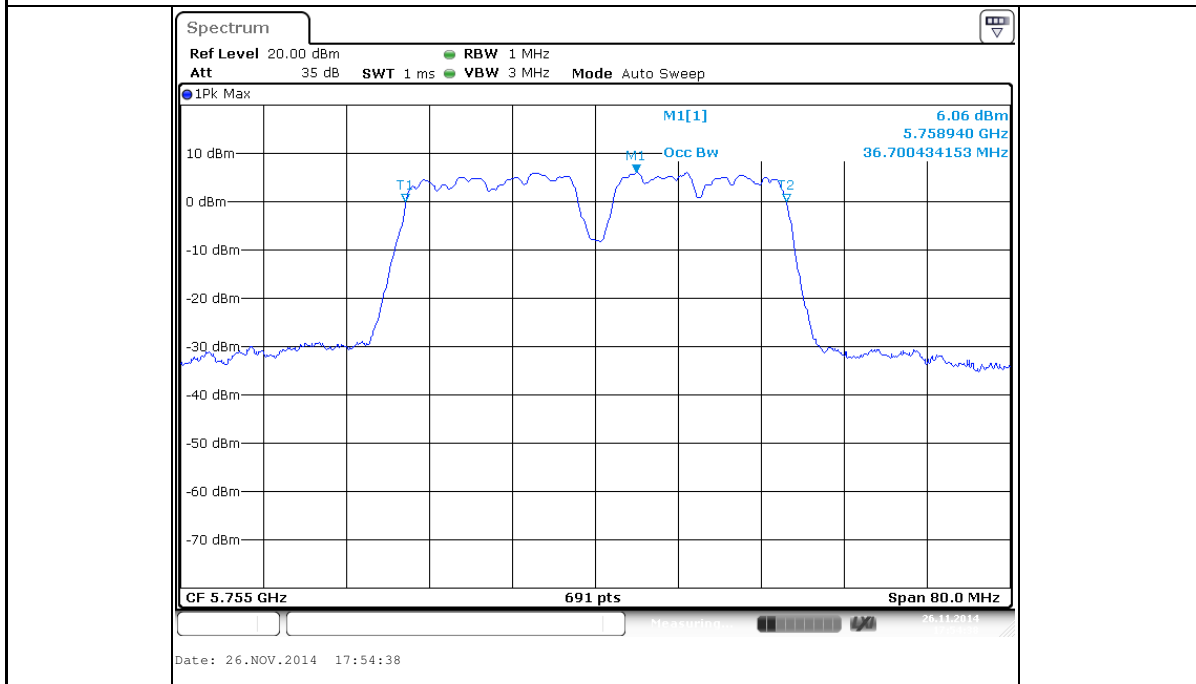


802.11ac VHT40

Channel 151, 6dB Bandwidth

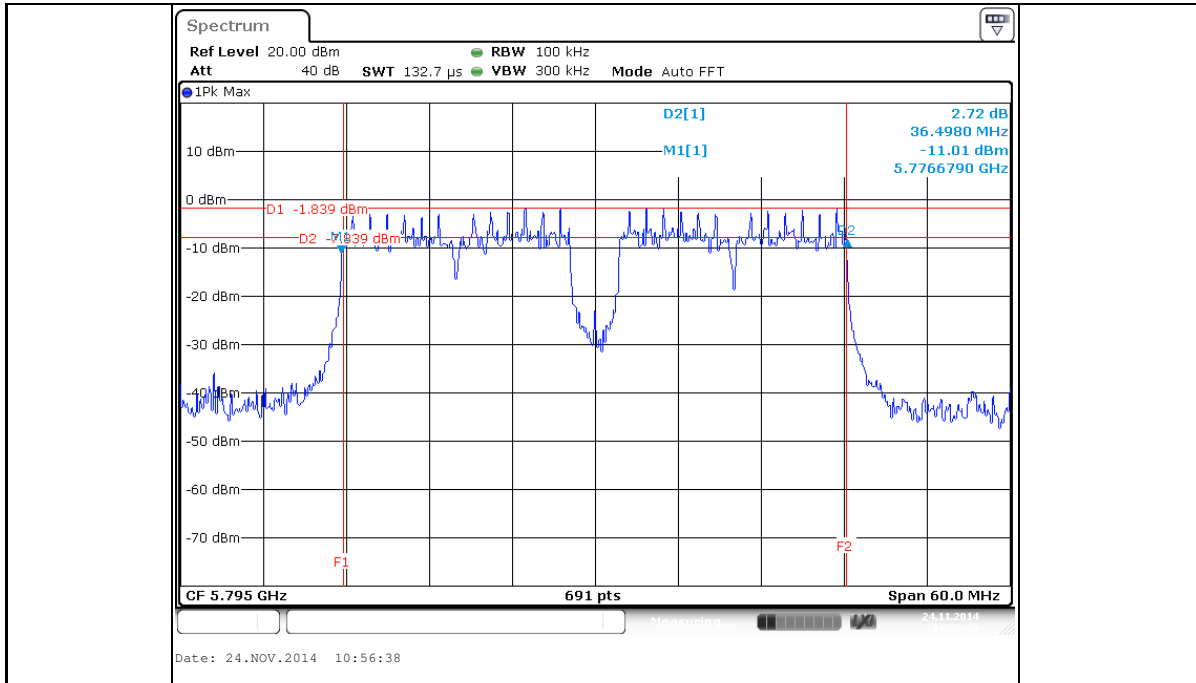


Channel 151, 99% Bandwidth

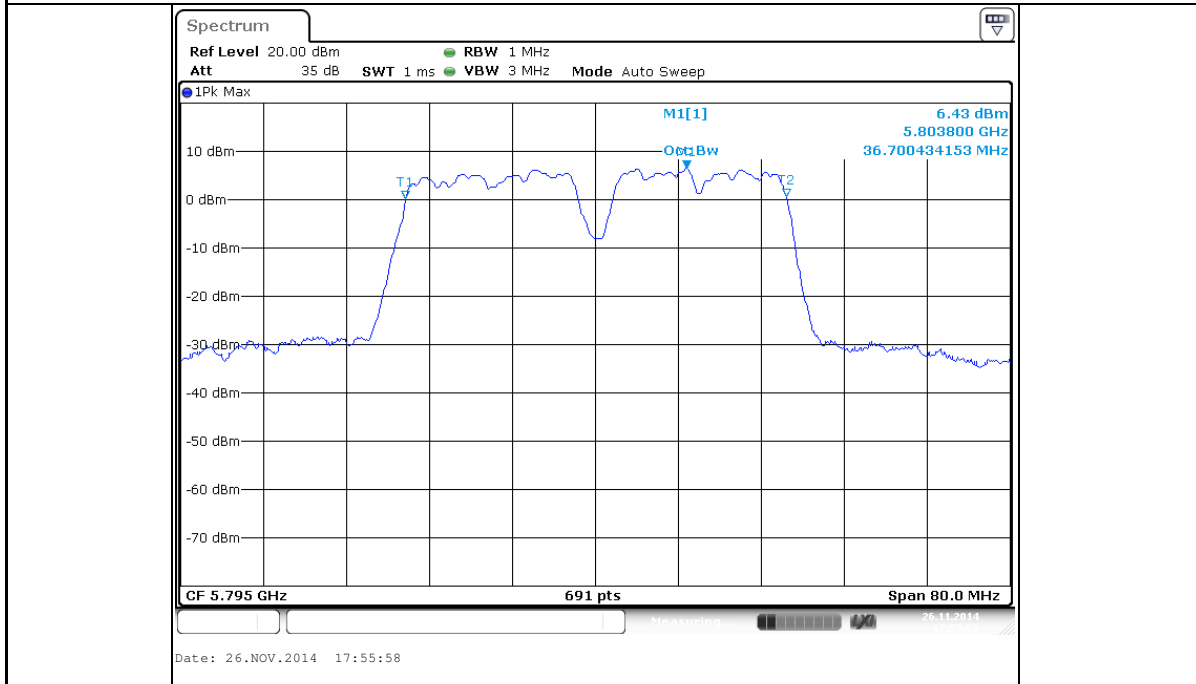


Channel 159, 6dB Bandwidth

Produkte
 Products

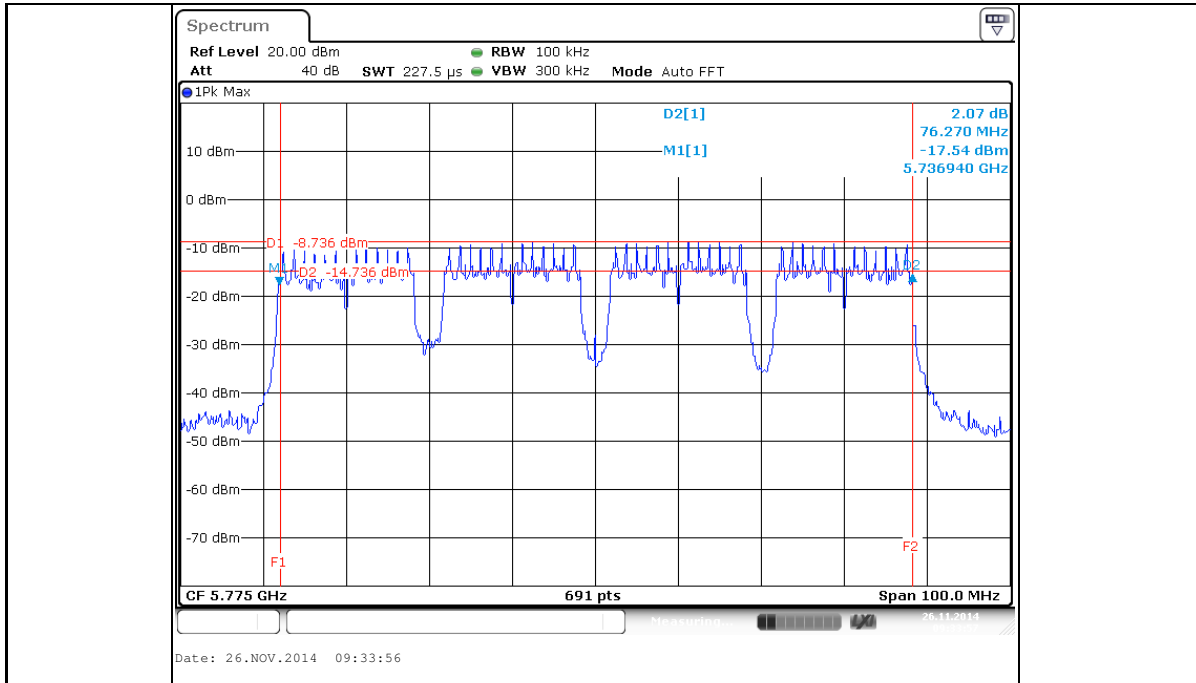


Channel 159, 99% Bandwidth

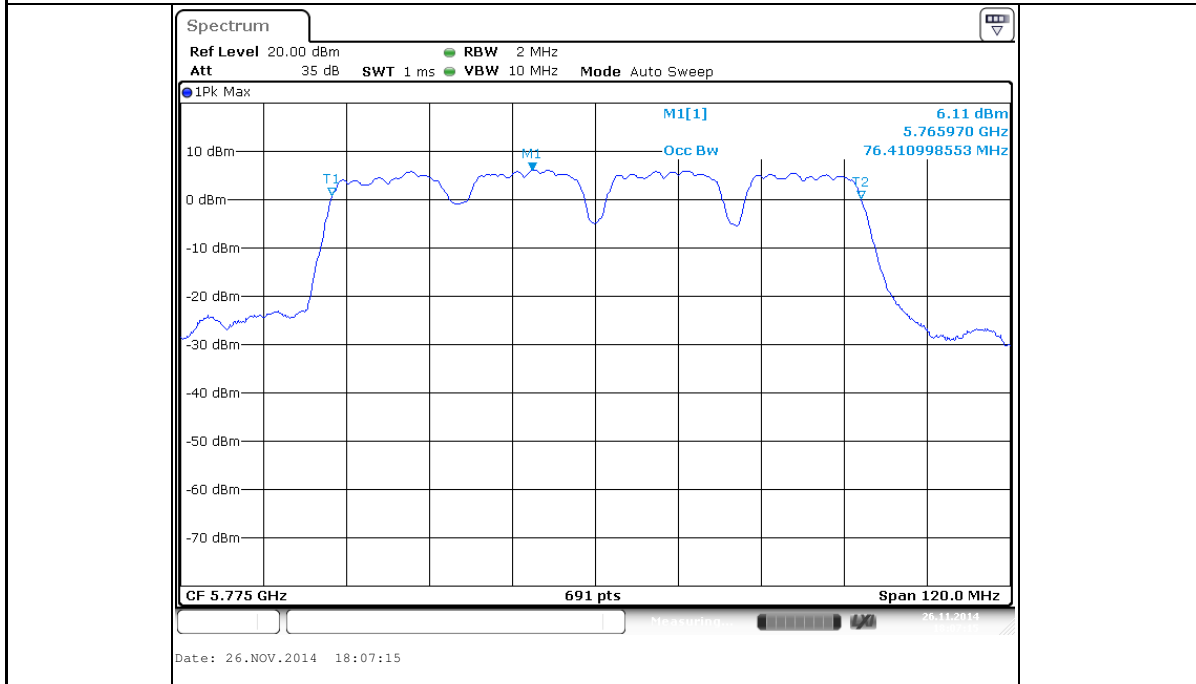


802.11ac VHT80

Channel 155, 6dB Bandwidth



Channel 155, 99% Bandwidth

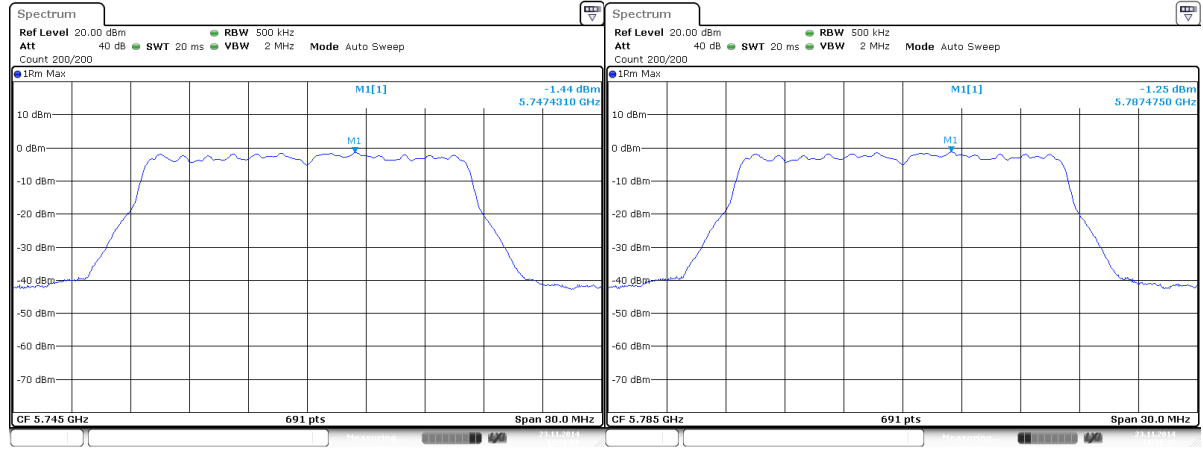


Appendix C.3: Power Spectral Density

Channel	ANT 1_Measured PSD			ANT 2_Measured PSD			ANT 3_Measured PSD			Total PSD (dBm/500kHz)			Limit (dBm/500kHz)	Conclusion	
	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165			
802.11a_6Mbps	-0.28	-0.09	0.40	--	--	--	--	--	--	0.94	0.98	1.10	30.00	PASS	
802.11a_HT20_MCS0	-0.39	-0.33	0.32	--	--	--	--	--	--	0.91	-0.39	0.32	30.00	PASS	
802.11ac_VHT20_MCS0NSS1	-0.17	-0.07	0.50	--	--	--	--	--	--	0.96	-0.17	0.50	30.00	PASS	
Channel	Ch151	Ch 159	--	Ch151	Ch 159	--	Ch151	Ch 159	--	Ch151	Ch 159	--	Limit (dBm/500kHz)	Conclusion	
802.11an_HT40_MCS0	-2.43	-1.97	--	--	--	--	--	--	--	0.57	0.64	-1.97	30.00	PASS	
802.11ac_VHT40_MCS0NSS1	-2.35	-1.90	--	--	--	--	--	--	--	0.58	0.65	-1.90	30.00	PASS	
Channel	Ch 155	--	--	Ch 155	--	--	Ch 155	--	--	Ch 155	--	--	Limit (dBm/500kHz)	Conclusion	
802.11ac_VHT80_MCS0NSS1	-9.31	--	--	--	--	--	--	--	--	0.12	--	-9.31	30.00	PASS	
2TX - Non Beamforming	ANT 1_Measured PSD			ANT 2_Measured PSD			ANT 3_Measured PSD			Total PSD (dBm/500kHz)			Limit (dBm/500kHz)	Conclusion	
Channel	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165
802.11a_6Mbps	-0.47	-0.45	-0.33	--	--	--	0.14	0.11	0.37	1.93	1.93	2.02	2.86	2.85	3.04
802.11an_HT20_MCS8	-0.60	-0.37	-0.26	--	--	--	-0.16	-0.12	0.12	1.83	1.89	1.97	2.64	2.77	2.94
802.11ac_VHT20_MCS0NSS2	-0.19	-0.18	0.08	--	--	--	0.04	0.01	0.25	1.97	1.96	2.08	2.94	2.93	3.18
Channel	Ch151	Ch 159	--	Ch151	Ch 159	--	Ch151	Ch 159	--	Ch151	Ch 159	--	Limit (dBm/500kHz)	Conclusion	
802.11an_HT40_MCS8	-2.93	-2.85	--	--	--	--	-2.26	-2.06	--	1.10	1.14	--	0.43	0.57	--
802.11ac_VHT40_MCS0NSS2	-3.06	-3.23	--	--	--	--	-2.21	-2.03	--	1.10	1.10	--	0.40	0.42	--
Channel	Ch 155	--	--	Ch 155	--	--	Ch 155	--	--	Ch 155	--	--	Limit (dBm/500kHz)	Conclusion	
802.11ac_VHT80_MCS0NSS2	-11.59	--	--	--	--	--	-10.78	--	--	0.15	--	--	-8.16	--	--
3TX - Non Beamforming	ANT 1_Measured PSD			ANT 2_Measured PSD			ANT 3_Measured PSD			Total PSD (dBm/500kHz)			Limit (dBm/500kHz)	Conclusion	
Channel	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165
802.11a_6Mbps	-0.54	-0.75	-0.54	--	--	--	-0.81	-0.58	-0.25	2.66	2.73	2.92	4.25	4.36	4.66
802.11an_HT20_MCS16	-0.48	-0.67	-0.17	--	--	--	-0.07	0.04	0.39	2.68	2.73	2.99	4.23	4.37	4.75
802.11ac_VHT20_MCS0NSS3	-0.33	-0.33	0.29	--	--	--	-1.10	-1.13	-0.53	2.65	2.70	3.06	4.23	4.32	4.85
Channel	Ch151	Ch 159	--	Ch151	Ch 159	--	Ch151	Ch 159	--	Ch151	Ch 159	--	Limit (dBm/500kHz)	Conclusion	
802.11an_HT40_MCS16	-2.66	-2.63	--	--	--	--	-2.33	-2.19	--	1.66	1.68	--	2.19	2.26	--
802.11ac_VHT40_MCS0NSS3	-2.99	-3.11	--	--	--	--	-2.58	-2.25	--	1.55	1.59	--	1.91	2.02	--
Channel	Ch 155	--	--	Ch 155	--	--	Ch 155	--	--	Ch 155	--	--	Limit (dBm/500kHz)	Conclusion	
802.11ac_VHT80_MCS0NSS3	-11.76	--	--	--	--	--	-11.06	--	--	0.21	--	--	-6.77	--	--
2TX - Beamforming	ANT 1_Measured PSD			ANT 2_Measured PSD			ANT 3_Measured PSD			Total PSD (dBm/500kHz)			Limit (dBm/500kHz)	Conclusion	
Channel	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165
802.11an_HT20_MCS8	-0.14	-0.36	0.10	--	--	--	-0.31	-0.09	0.18	1.90	1.90	2.07	2.79	2.79	3.15
802.11ac_VHT20_MCS0NSS2	0.11	-0.12	0.34	--	--	--	-0.13	0.08	0.41	2.00	1.99	2.18	3.00	2.99	3.39
Channel	Ch151	Ch 159	--	Ch151	Ch 159	--	Ch151	Ch 159	--	Ch151	Ch 159	--	Limit (dBm/500kHz)	Conclusion	
802.11an_HT40_MCS8	-2.44	-2.50	--	--	--	--	-2.14	-2.10	--	1.18	1.18	--	0.72	0.71	--
802.11ac_VHT40_MCS0NSS2	-2.82	-2.85	--	--	--	--	-2.30	-2.21	--	1.11	1.12	--	0.46	0.49	--
Channel	Ch 155	--	--	Ch 155	--	--	Ch 155	--	--	Ch 155	--	--	Limit (dBm/500kHz)	Conclusion	
802.11ac_VHT80_MCS0NSS1	-11.42	--	--	--	--	--	-10.93	--	--	0.15	--	--	-8.16	--	--
3TX - Beamforming	ANT 1_Measured PSD			ANT 2_Measured PSD			ANT 3_Measured PSD			Total PSD (dBm/500kHz)			Limit (dBm/500kHz)	Conclusion	
Channel	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165	Ch 149	Ch 157	Ch 165
802.11an_HT20_MCS16	-0.23	-0.52	-0.04	--	--	--	-0.07	-0.02	0.33	2.74	2.73	2.99	4.38	4.37	4.76
802.11ac_VHT20_MCS0NSS3	0.09	0.05	0.60	--	--	--	-1.10	-0.91	-0.57	2.74	2.80	3.10	4.38	4.48	4.91
Channel	Ch151	Ch 159	--	Ch151	Ch 159	--	Ch151	Ch 159	--	Ch151	Ch 159	--	Limit (dBm/500kHz)	Conclusion	
802.11an_HT40_MCS16	-2.05	-2.35	--	--	--	--	-2.40	-2.22	--	1.72	1.74	--	2.34	2.40	--
802.11ac_VHT40_MCS0NSS3	-2.81	-2.87	--	--	--	--	-2.62	-2.36	--	1.57	1.60	--	1.95	2.04	--
Channel	Ch 155	--	--	Ch 155	--	--	Ch 155	--	--	Ch 155	--	--	Limit (dBm/500kHz)	Conclusion	
802.11ac_VHT80_MCS0NSS3	-11.07	--	--	--	--	--	-11.00	--	--	0.22	--	--	-6.56	--	--

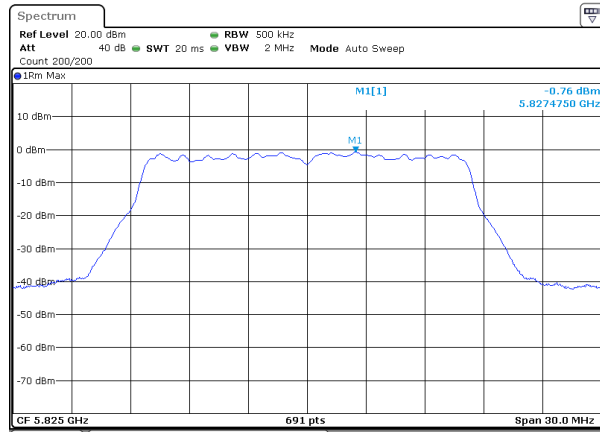
Produkte
Products

802.11a_1TX - Non Beamforming_ANT1



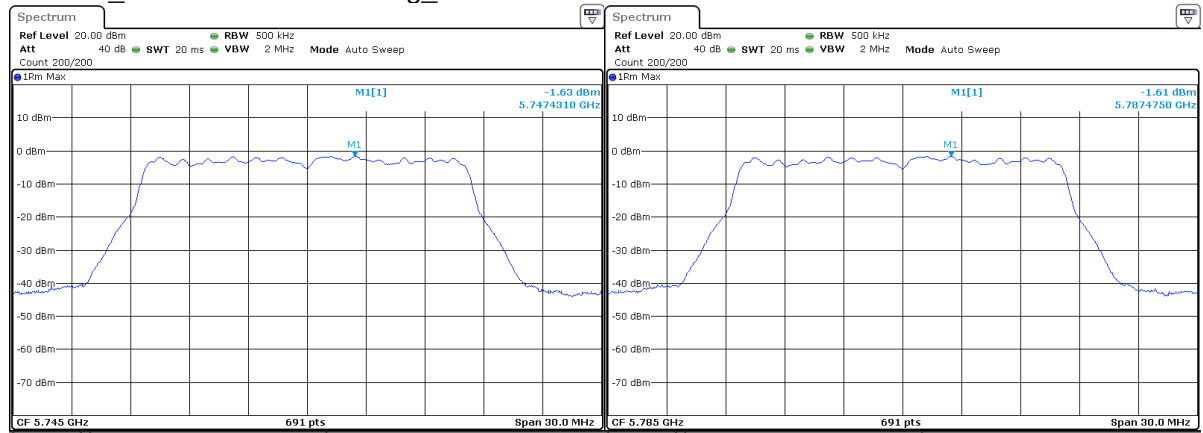
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Date: 23.NOV.2014 11:41:47



Date: 23.NOV.2014 11:43:05

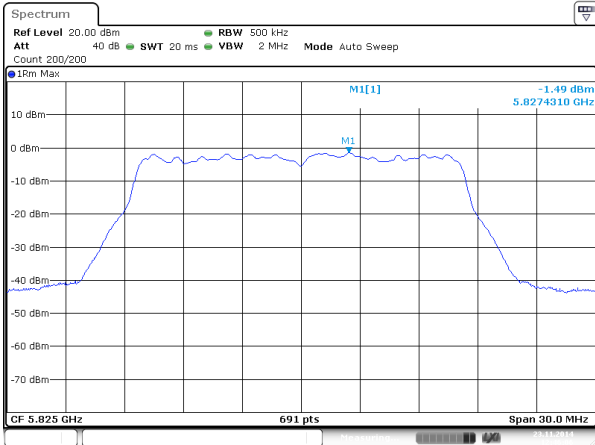
802.11a_2TX - Non Beamforming_ANT1



Date: 23.NOV.2014 12:41:47

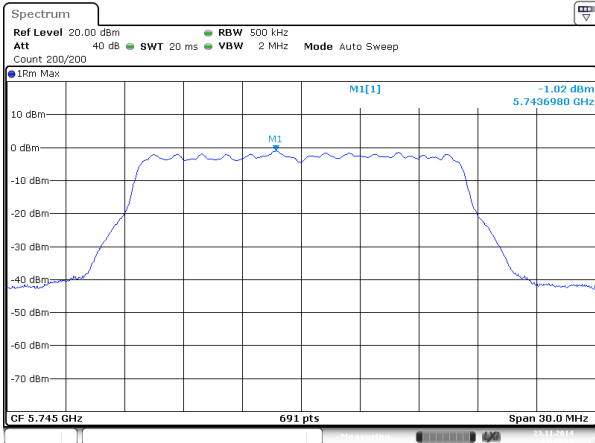
Date: 23.NOV.2014 12:44:25

Produkte
Products



Date: 23.NOV.2014 12:46:06

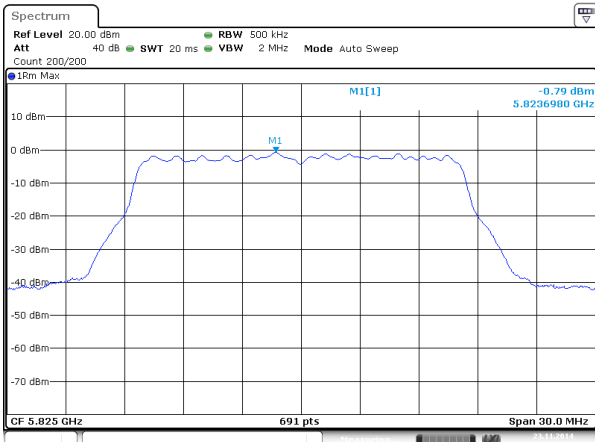
802.11a_2TX - Non Beamforming_ANT3



Date: 23.NOV.2014 13:18:13

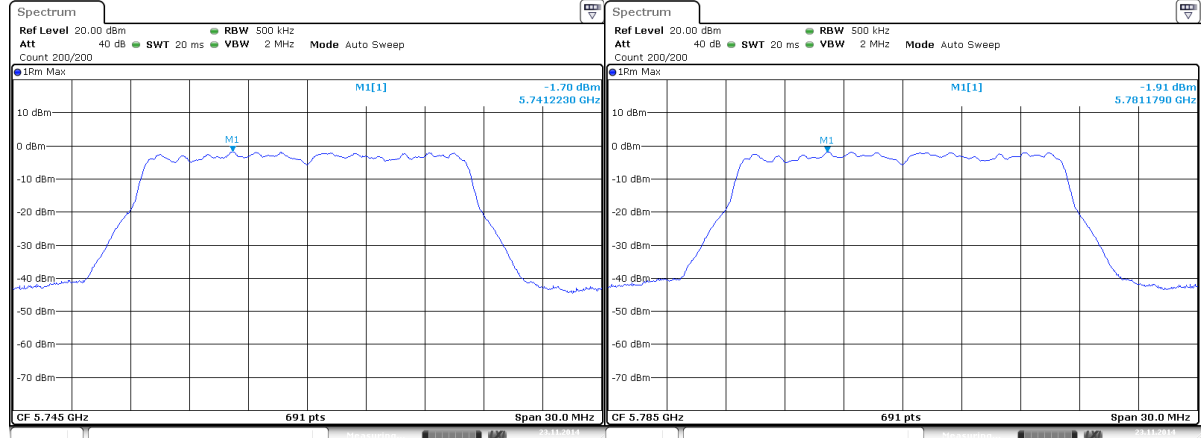


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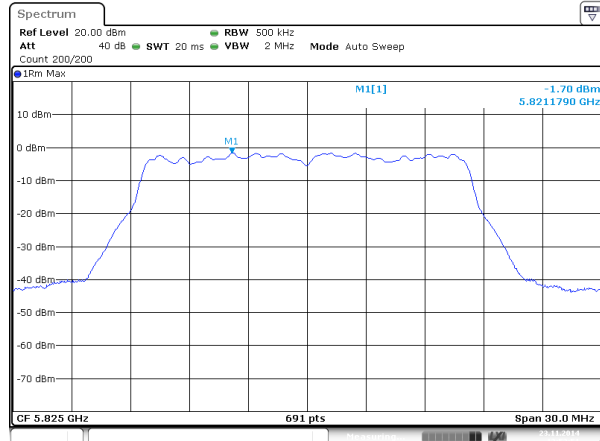
Date: 23.NOV.2014 13:15:04

802.11a_3TX - Non Beamforming_ANT1



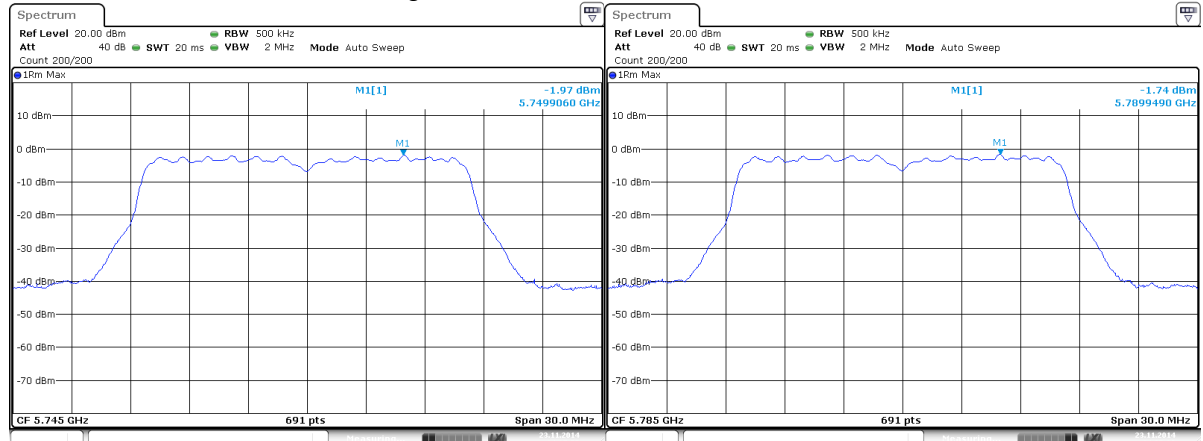
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Date: 23.NOV.2014 13:51:04



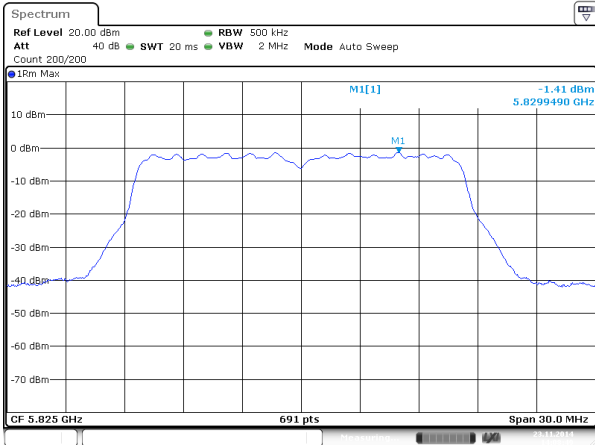
Date: 23.NOV.2014 13:52:51

802.11a_3TX - Non Beamforming_ANT2



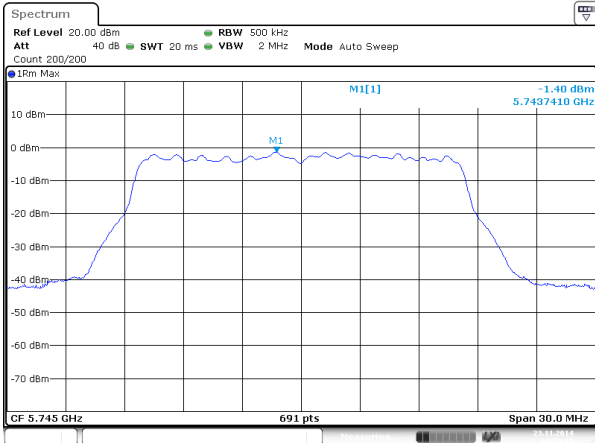
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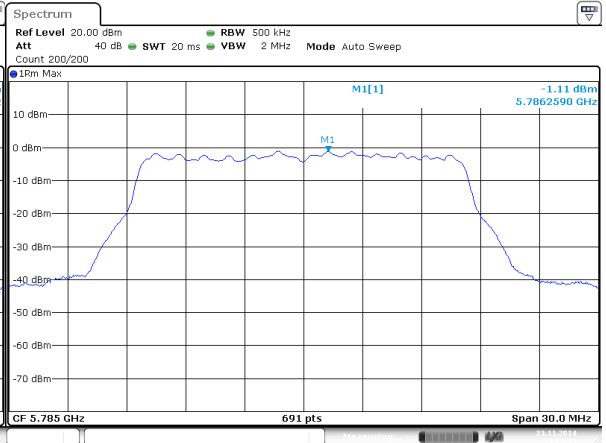


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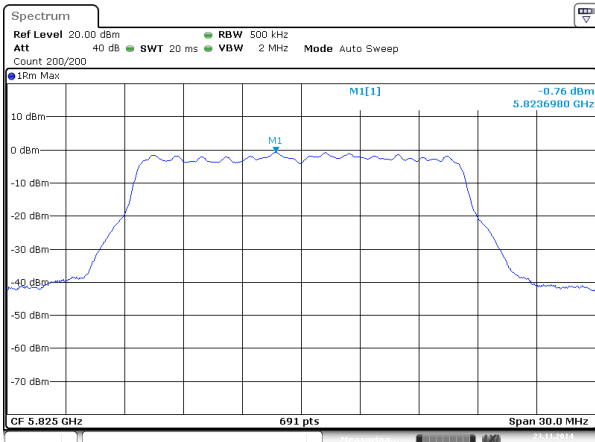
802.11a_3TX - Non Beamforming_ANT3



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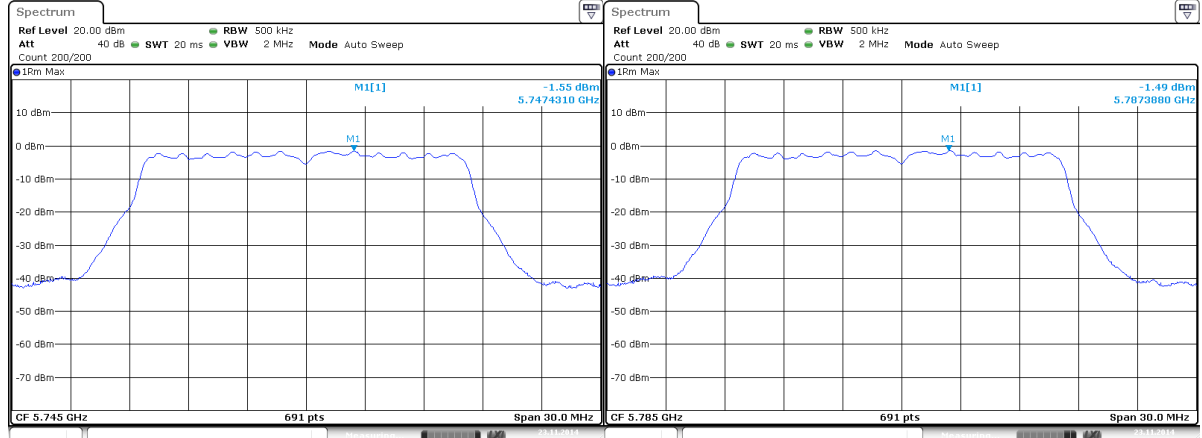


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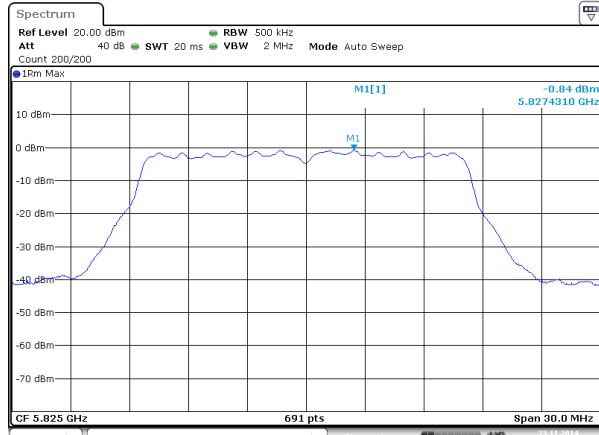
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802.11n HT20_1TX - Non Beamforming_ANT1



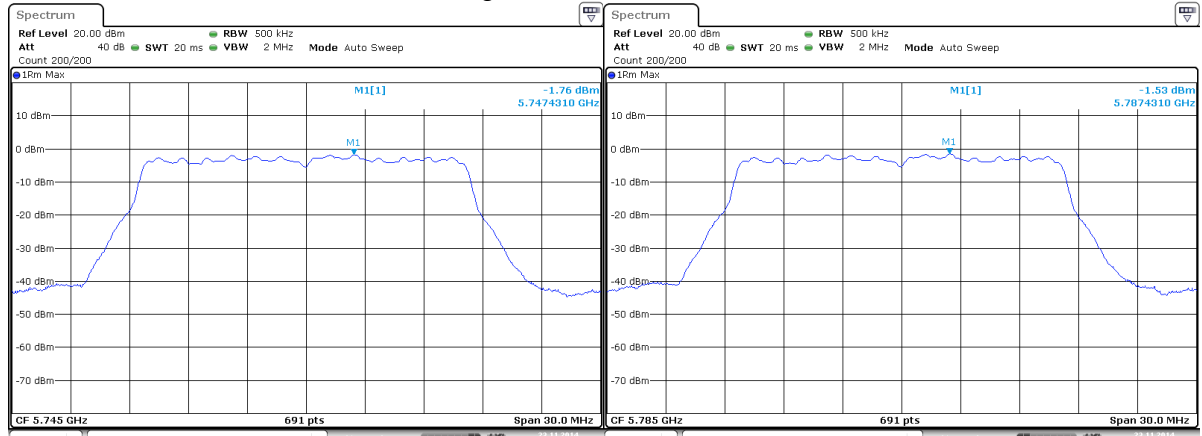
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Date: 23.NOV.2014 11:47:57



Date: 23.NOV.2014 11:46:05

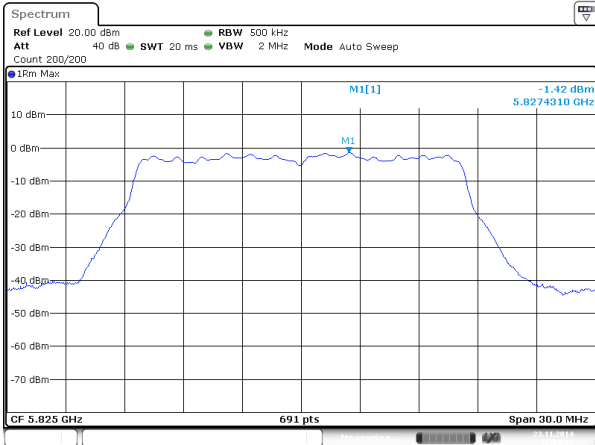
802.11n HT20_2TX - Non Beamforming_ANT1



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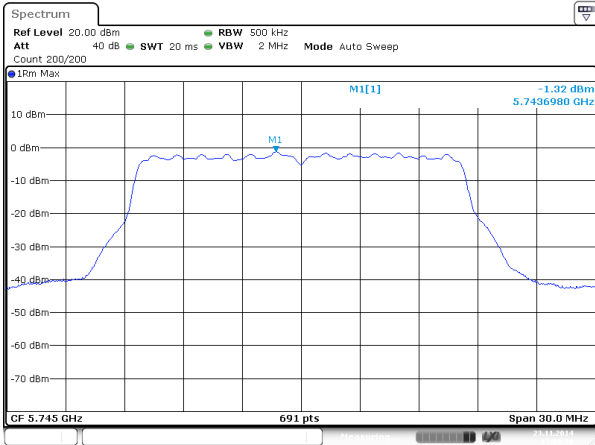
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Produkte
Products

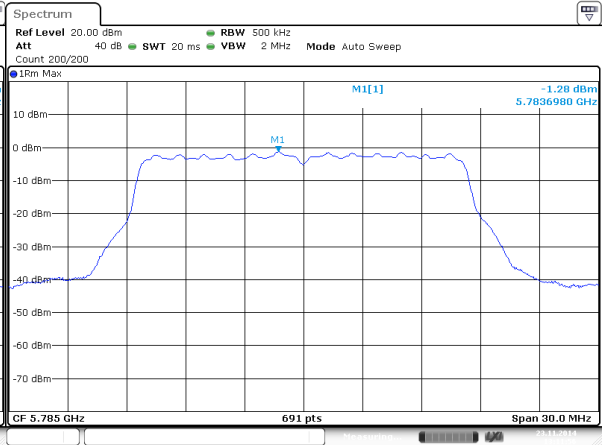


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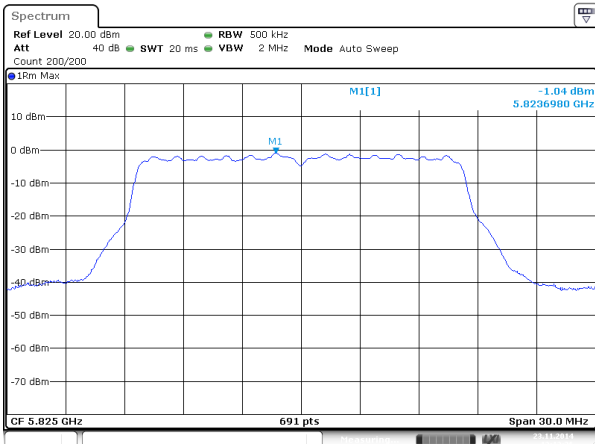
802.11n HT20_2TX - Non Beamforming_ANT3



Date: 23.NOV.2014 13:09:38



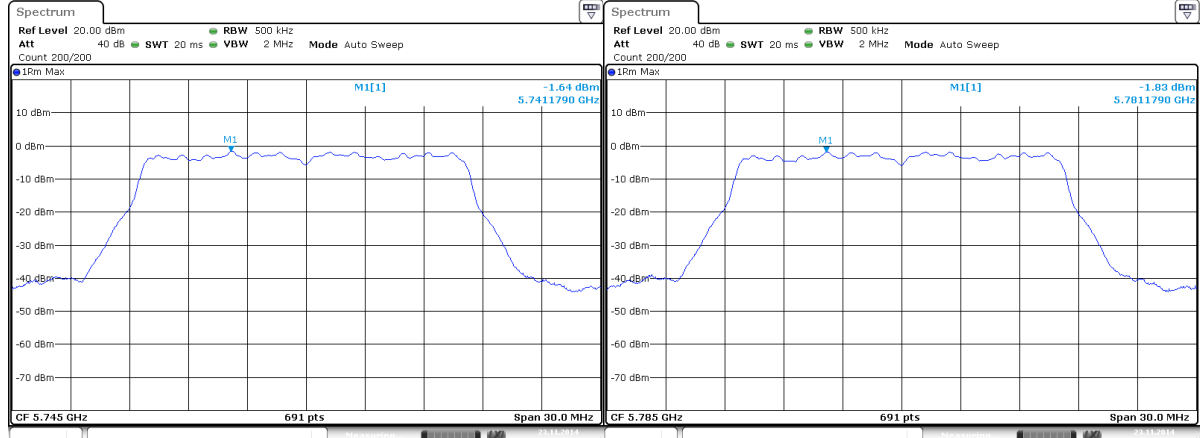
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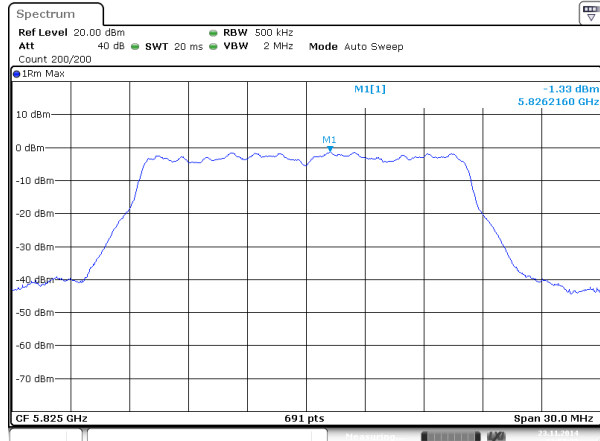
Produkte
Products

802.11n HT20_3TX - Non Beamforming_ANT1



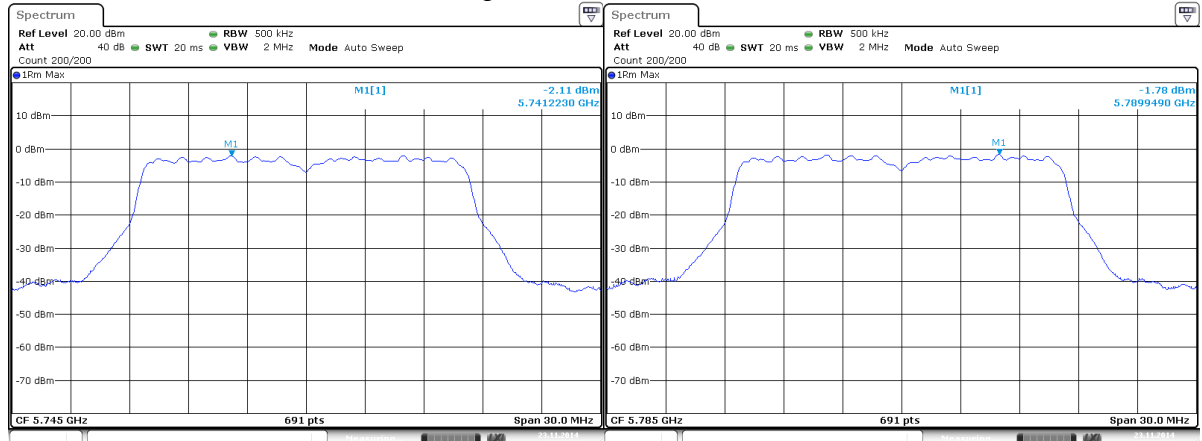
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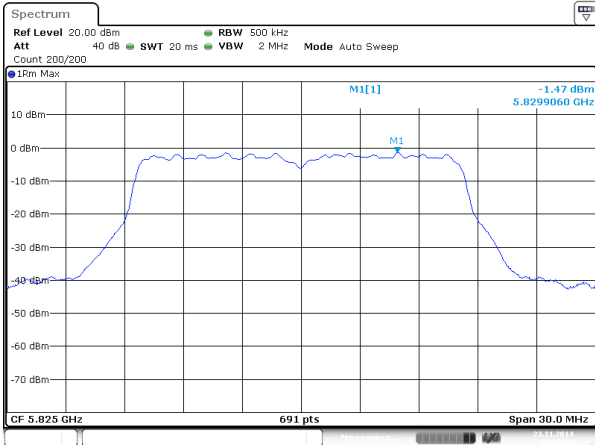
802.11n HT20_3TX - Non Beamforming_ANT2



Date: 23.NOV.2014 14:10:42

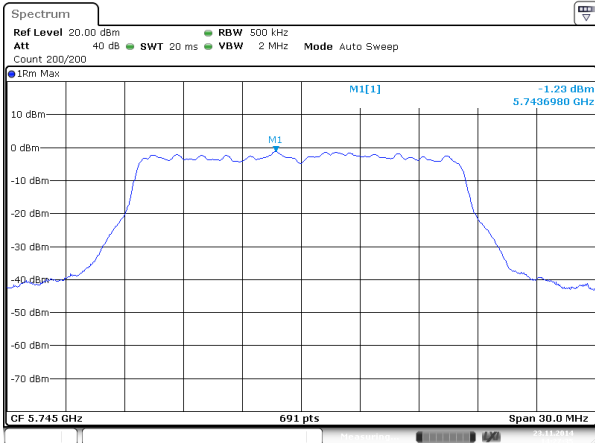
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Produkte
Products

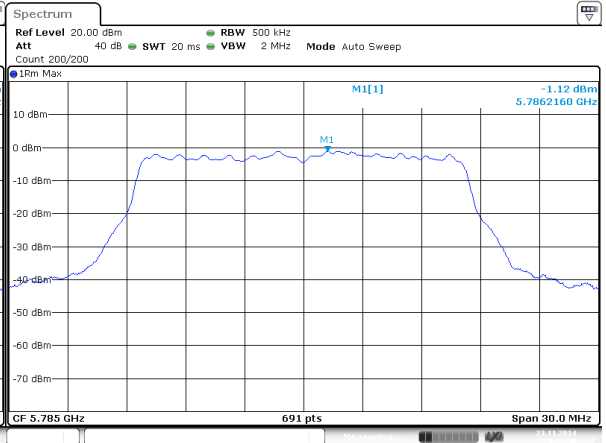


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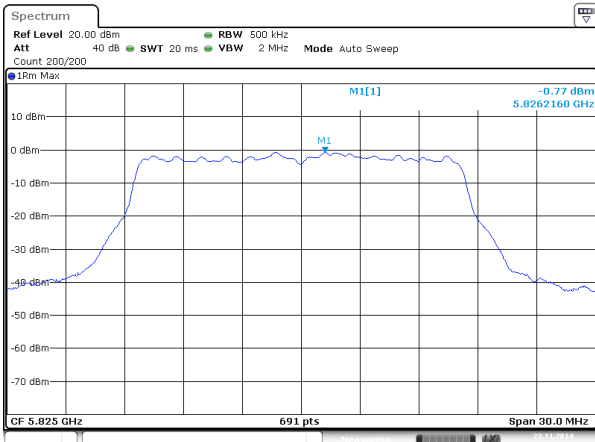
802.11n HT20_3TX - Non Beamforming_ANT3



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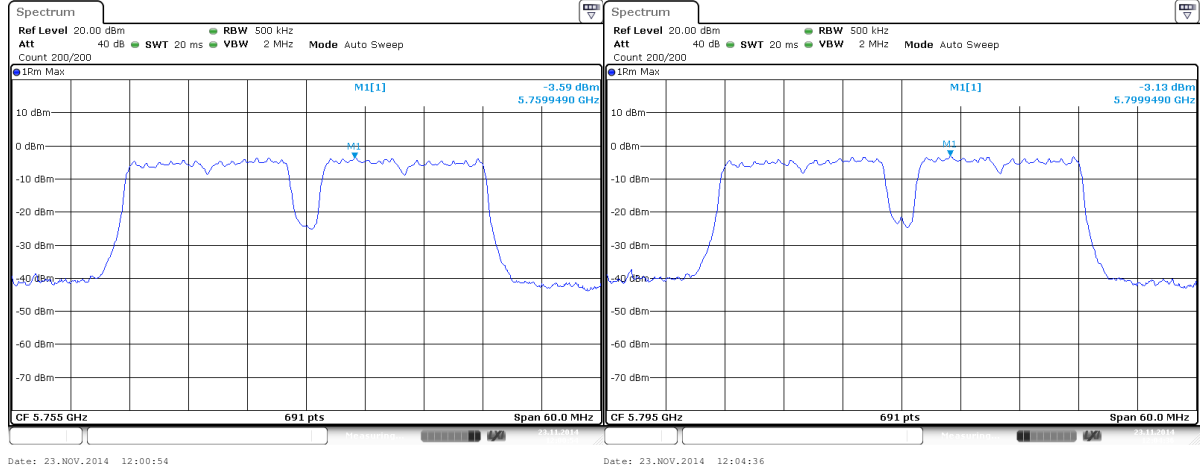


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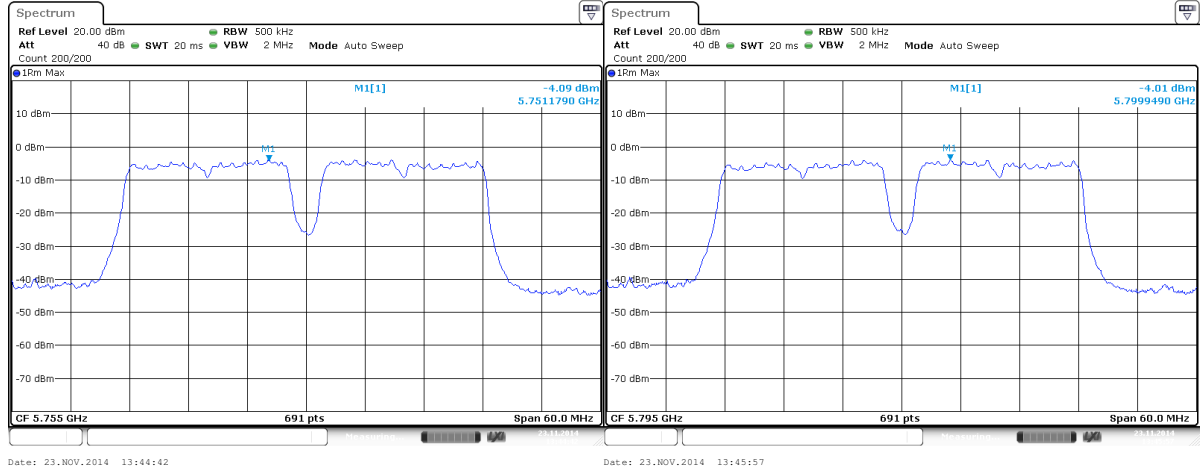


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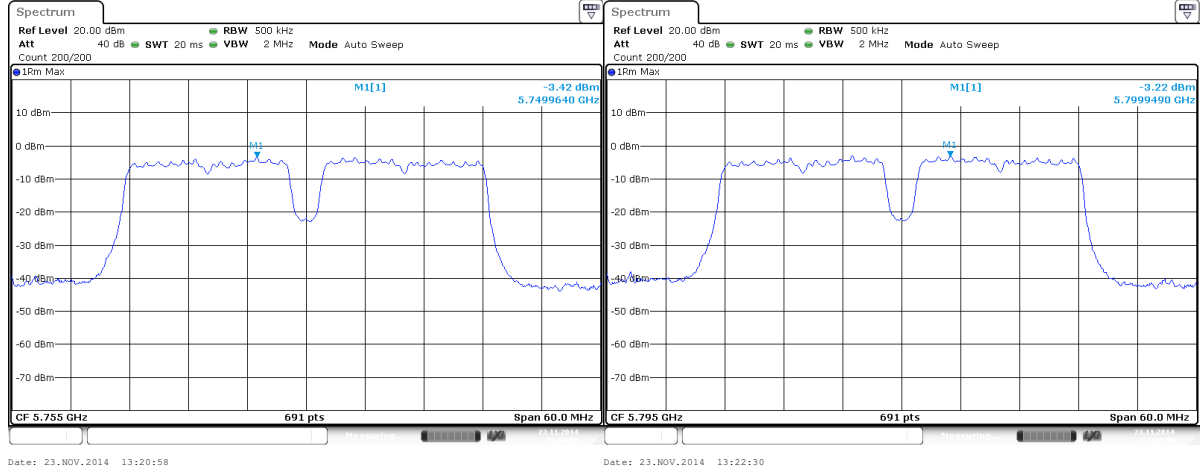
802.11n HT40_1TX - Non Beamforming_ANT1



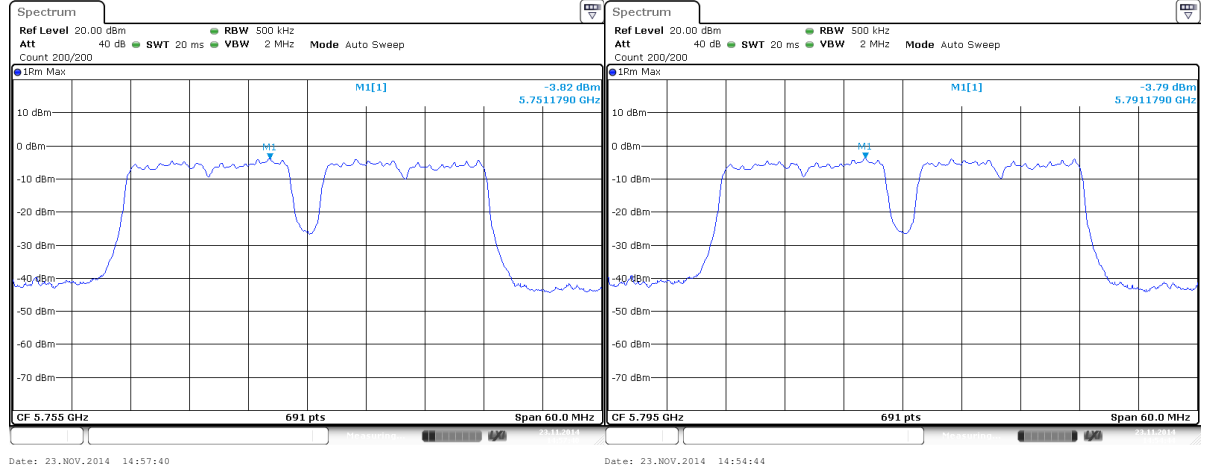
802.11n HT40_2TX - Non Beamforming_ANT1



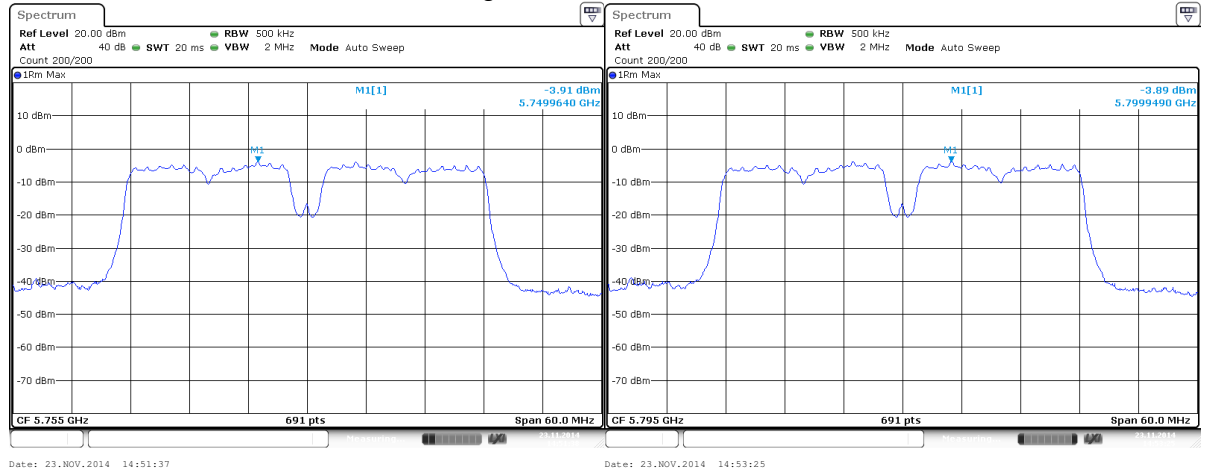
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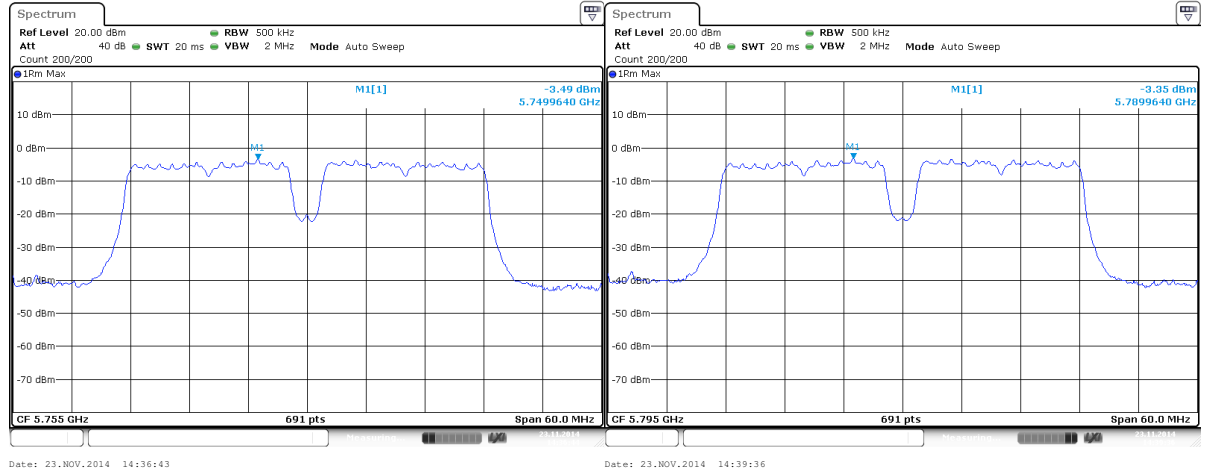
802.11n HT40_3TX - Non Beamforming_ANT1



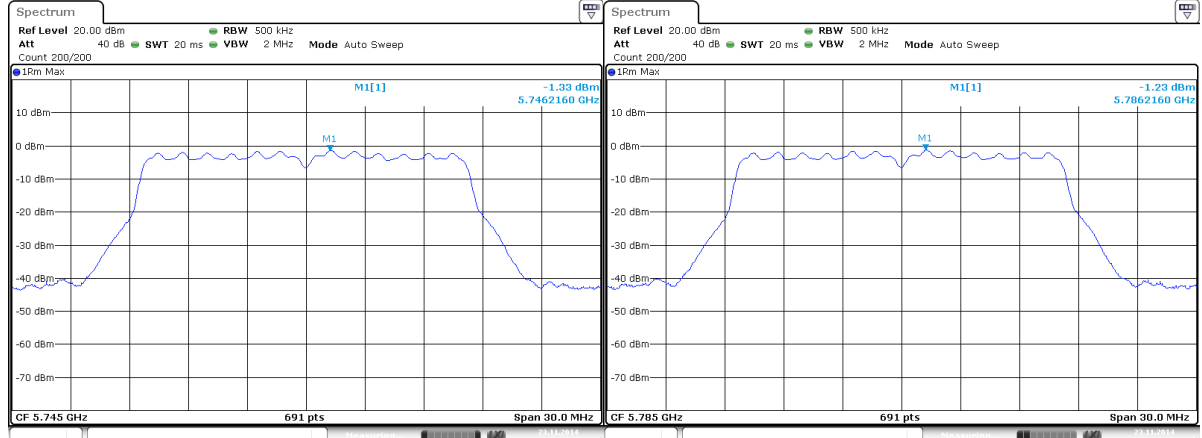
802.11n HT40_3TX - Non Beamforming_ANT2



802.11n HT40_3TX - Non Beamforming_ANT3

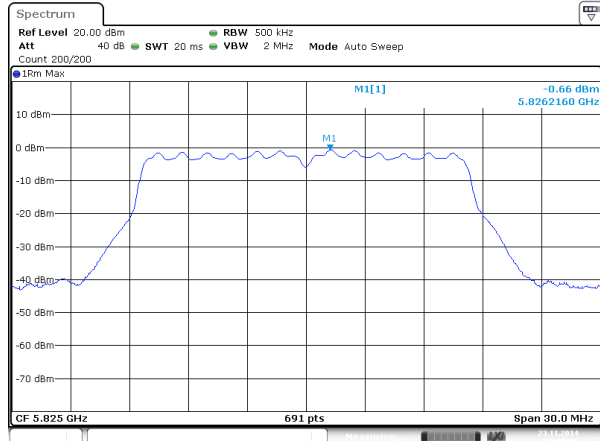


802.11ac VHT20_1TX - Non Beamforming_ANT1



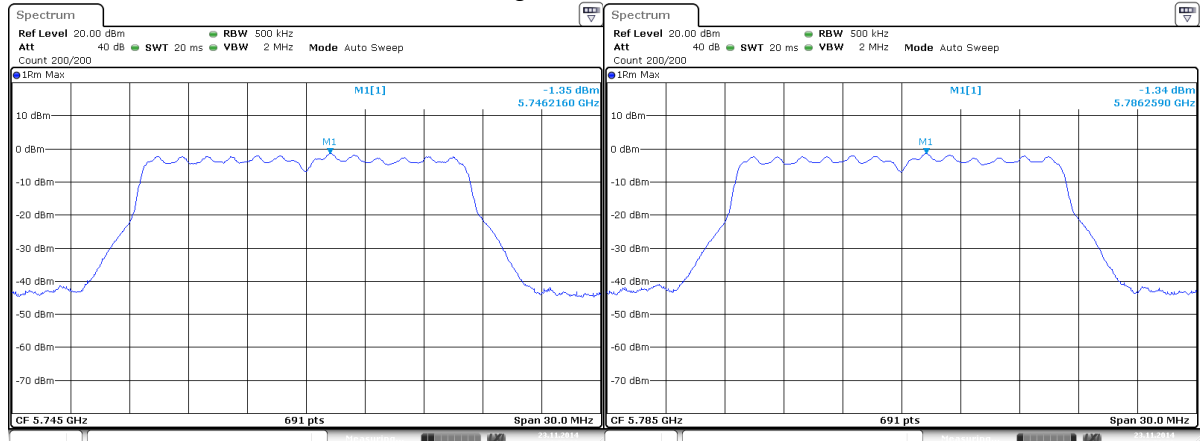
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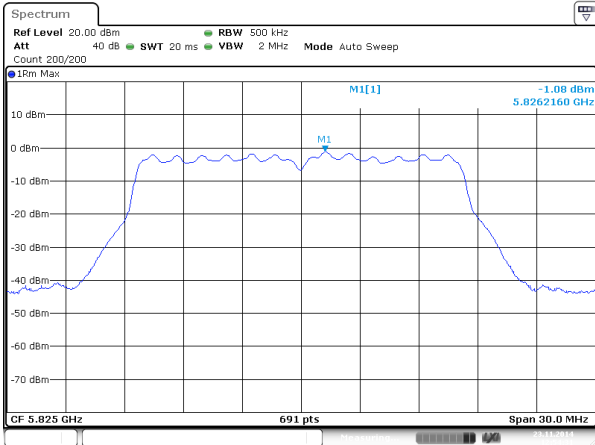
802.11ac VHT20_2TX - Non Beamforming_ANT1



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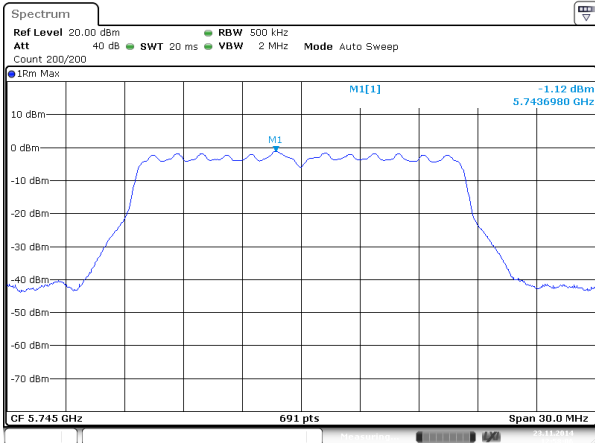
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Produkte
Products

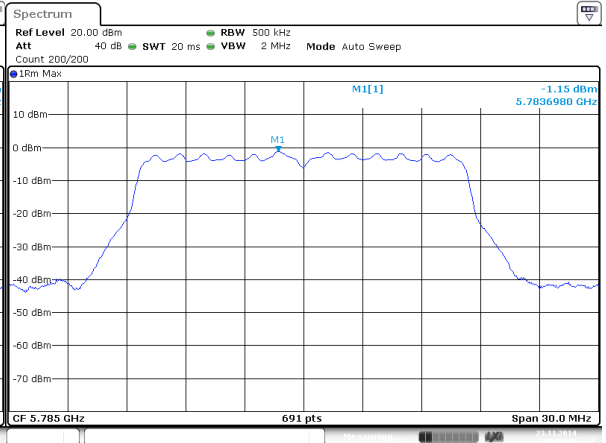


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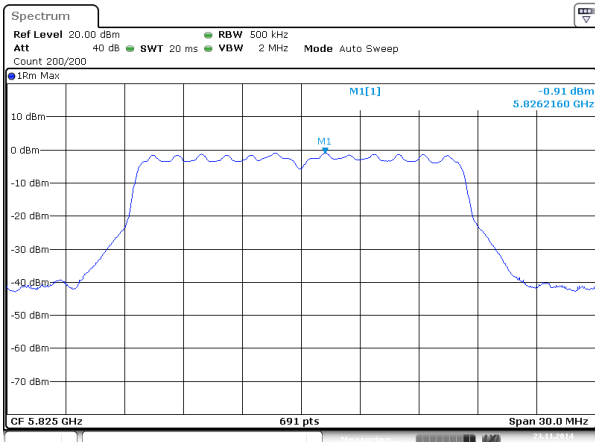
802.11ac VHT20_2TX - Non Beamforming_ANT3



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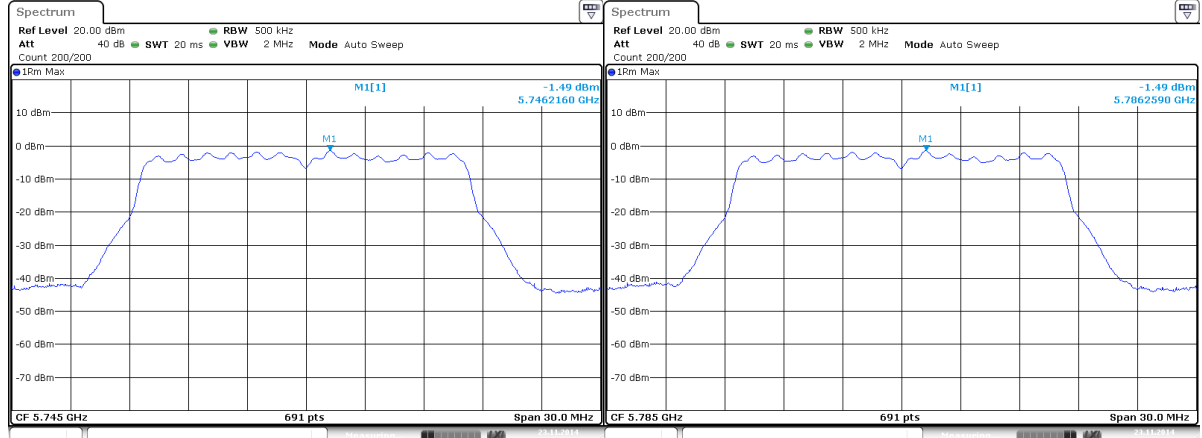


Date: 23.NOV.2014 12:56:43



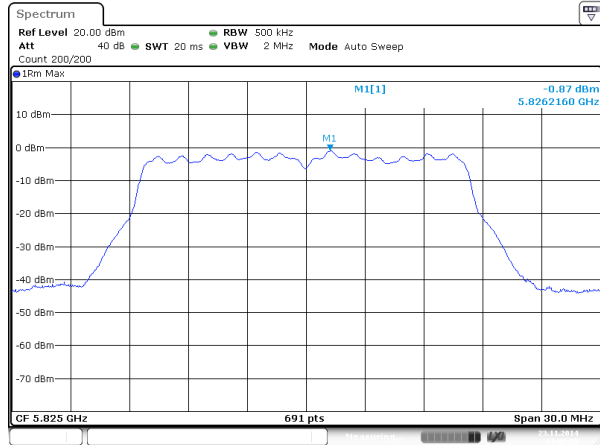
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802.11ac VHT20_3TX - Non Beamforming_ANT1



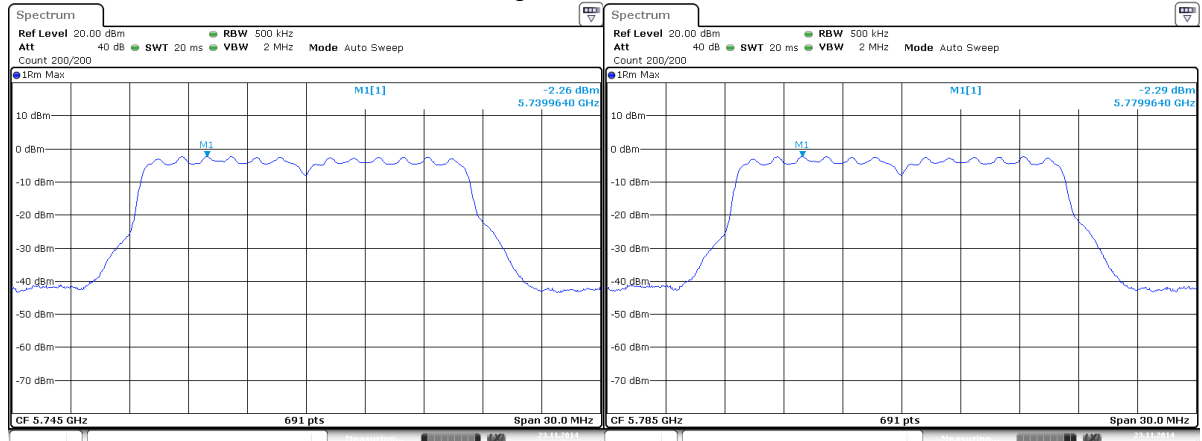
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Date: 23.NOV.2014 14:01:56



Date: 23.NOV.2014 14:02:59

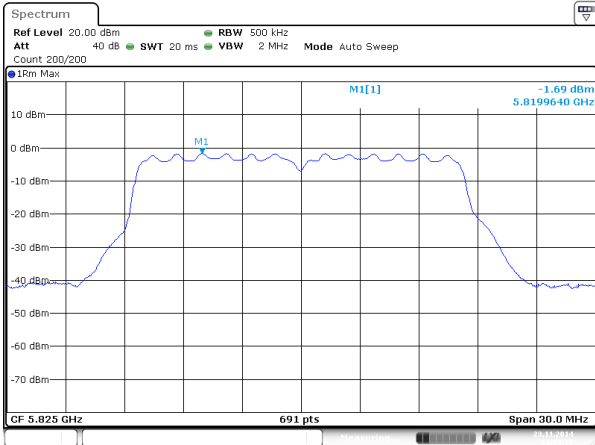
802.11ac VHT20_3TX - Non Beamforming_ANT2



Date: 23.NOV.2014 14:15:12

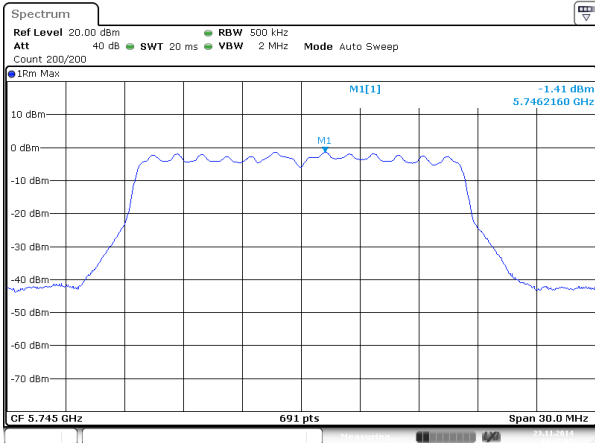
Date: 23.NOV.2014 14:16:34

Produkte
Products

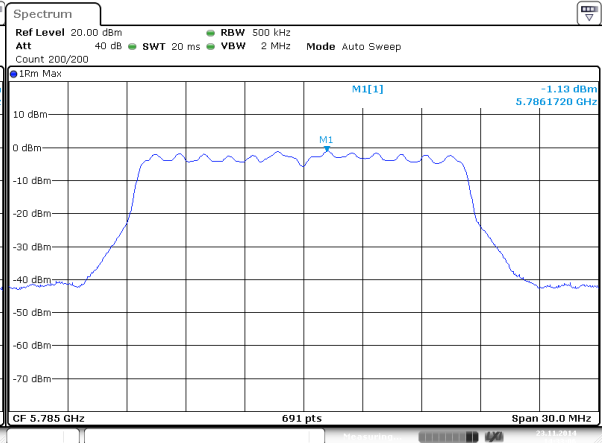


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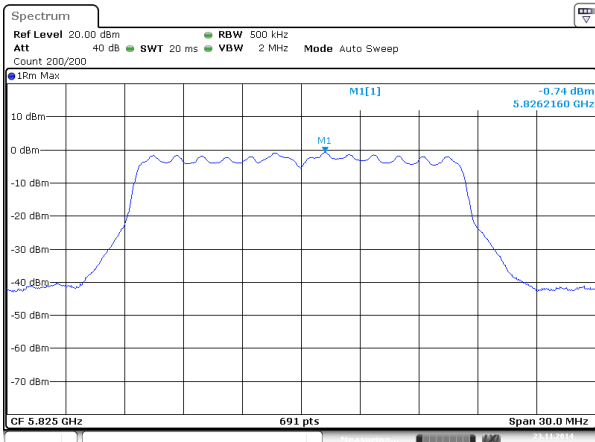
802.11ac VHT20_3TX - Non Beamforming_ANT3



Date: 23.NOV.2014 14:32:02



Date: 23.NOV.2014 14:33:06



Date: 23.NOV.2014 14:34:13