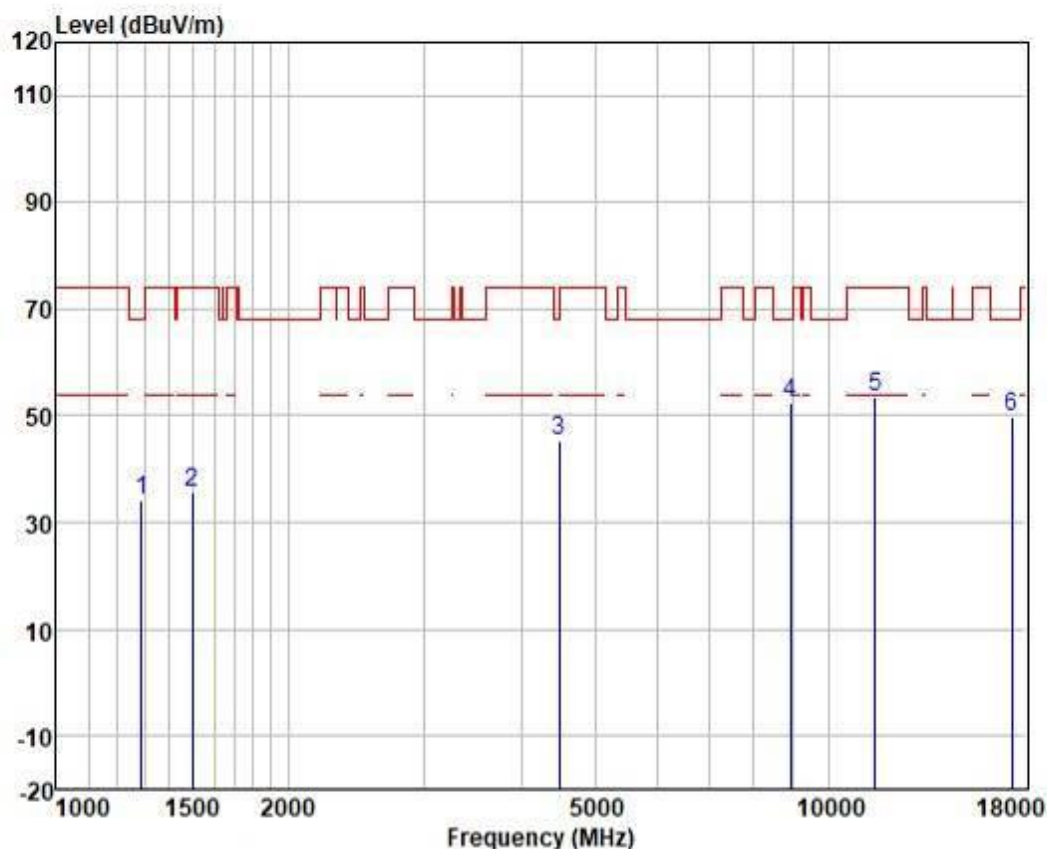


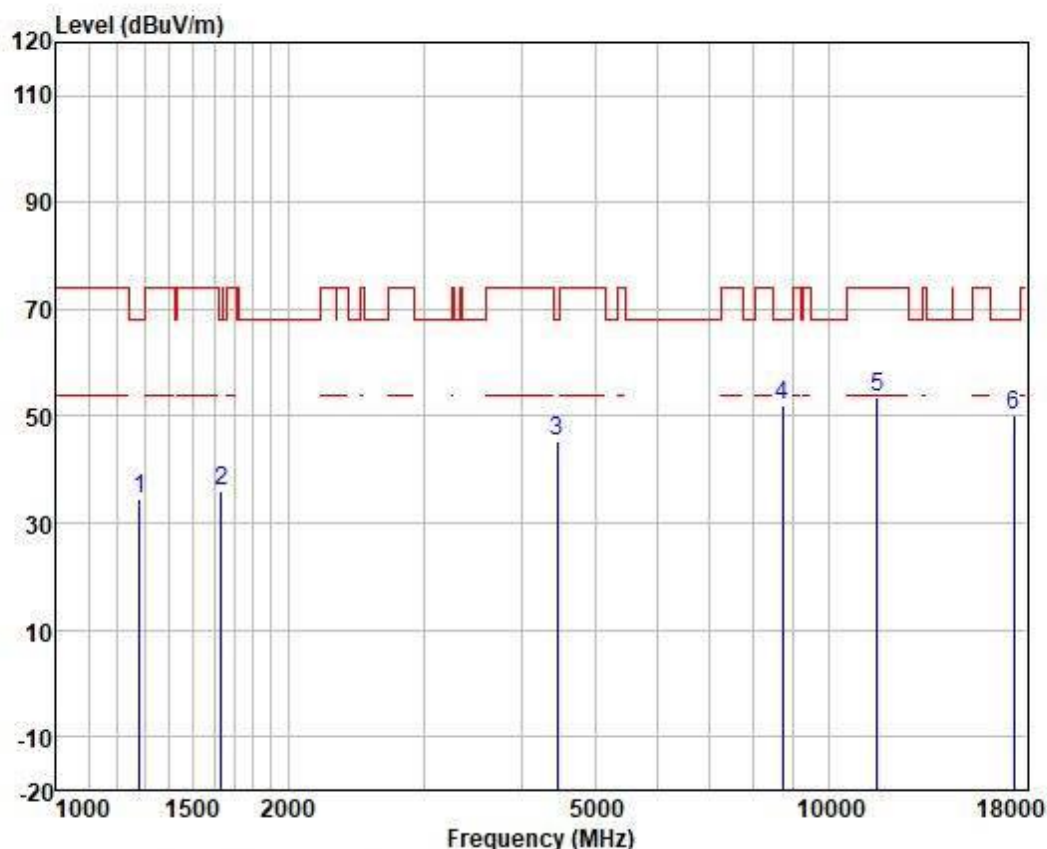
Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1289.627	46.40	23.92	2.58	38.60	34.30	68.20	-33.90	HORIZONTAL	peak
2	1498.781	46.96	24.43	2.70	38.33	35.76	74.00	-38.24	HORIZONTAL	peak
3	4482.150	44.22	34.12	4.62	37.44	45.52	68.20	-22.68	HORIZONTAL	peak
4	8943.274	45.50	37.50	6.56	37.16	52.40	68.20	-15.80	HORIZONTAL	peak
5	11510.000	42.46	40.25	7.63	36.93	53.41	74.00	-20.59	HORIZONTAL	peak
6	17265.000	34.04	42.72	9.52	36.41	49.87	68.20	-18.33	HORIZONTAL	peak



Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



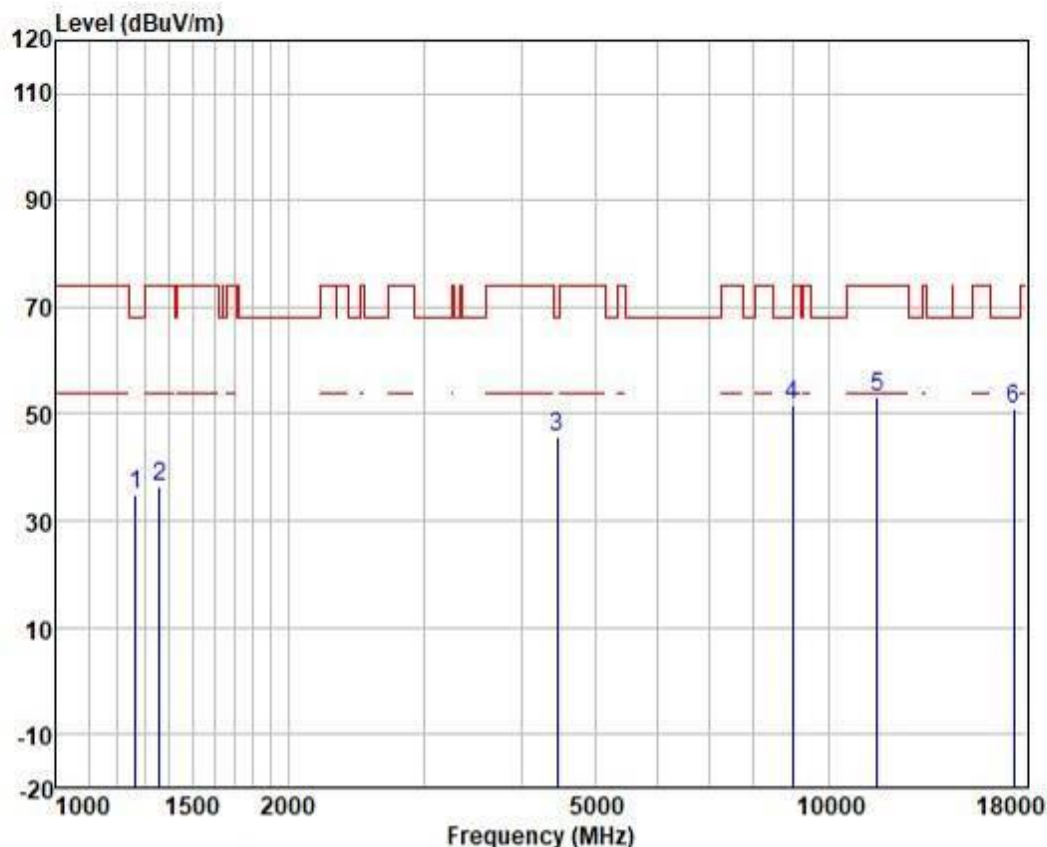
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1282.193	46.48	23.89	2.57	38.60	34.34	68.20	-33.86	VERTICAL peak
2	1634.543	46.39	24.81	2.78	38.11	35.87	68.20	-32.33	VERTICAL peak
3	4456.315	44.10	34.00	4.61	37.45	45.26	68.20	-22.94	VERTICAL peak
4	8713.630	45.75	36.95	6.51	37.17	52.04	68.20	-16.16	VERTICAL peak
5	11590.000	42.97	40.01	7.65	36.92	53.71	74.00	-20.29	VERTICAL peak
6	17385.000	34.06	43.10	9.55	36.41	50.30	68.20	-17.90	VERTICAL peak



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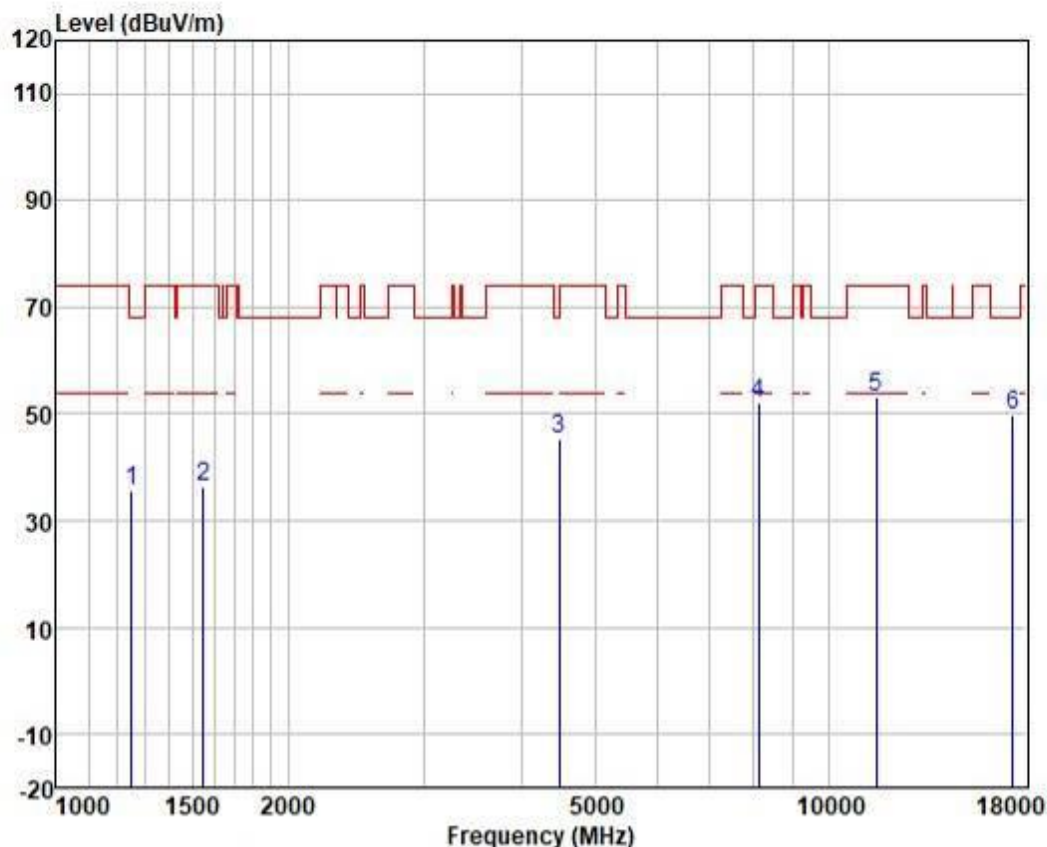
Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1267.454	47.15	23.81	2.55	38.62	34.89	68.20	-33.31	HORIZONTAL	peak
2	1358.498	48.15	24.16	2.63	38.53	36.41	74.00	-37.59	HORIZONTAL	peak
3	4456.315	44.50	34.00	4.61	37.45	45.66	68.20	-22.54	HORIZONTAL	peak
4	8995.123	44.81	37.59	6.57	37.15	51.82	68.20	-16.38	HORIZONTAL	peak
5	11590.000	42.46	40.01	7.65	36.92	53.20	74.00	-20.80	HORIZONTAL	peak
6	17385.000	34.80	43.10	9.55	36.41	51.04	68.20	-17.16	HORIZONTAL	peak



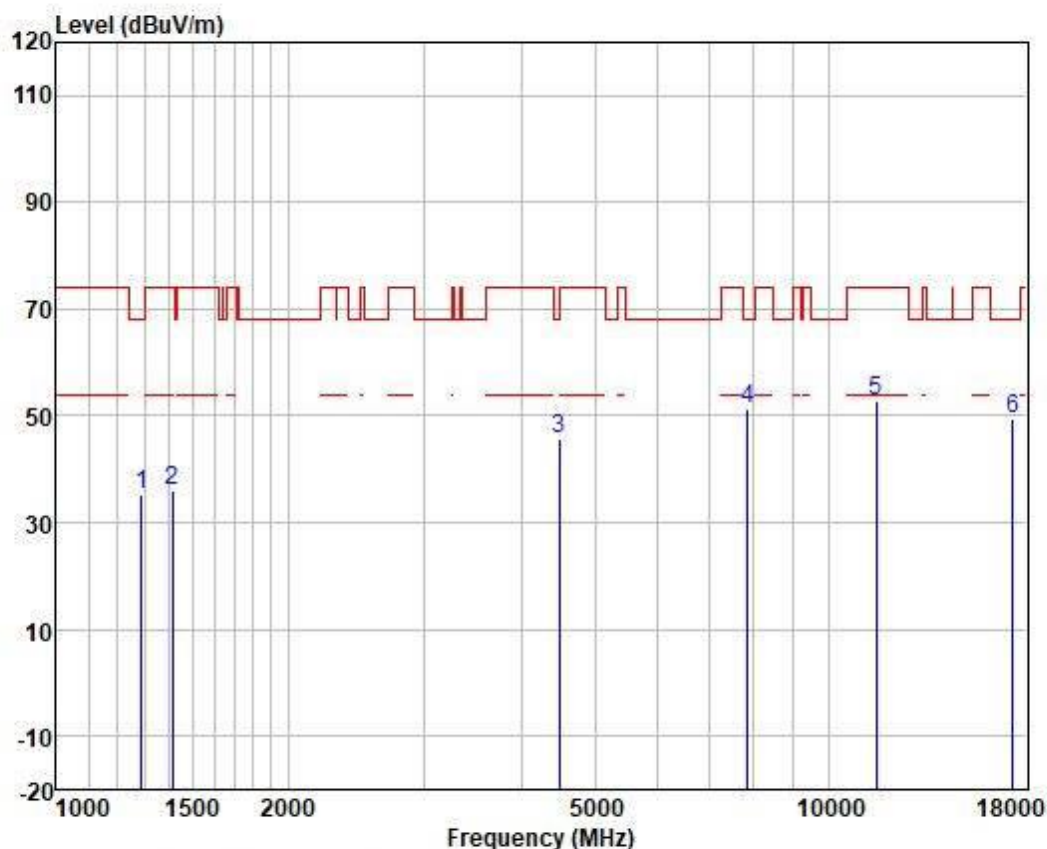
Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark	
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1252.885	48.08	23.71	2.52	38.63	35.68	68.20	-32.52	VERTICAL	peak
2	1551.677	47.30	24.55	2.73	38.23	36.35	74.00	-37.65	VERTICAL	peak
3	4482.150	43.99	34.12	4.62	37.44	45.29	68.20	-22.91	VERTICAL	peak
4	8129.664	45.91	36.99	6.26	37.20	51.96	74.00	-22.04	VERTICAL	peak
5	11550.000	42.25	40.17	7.64	36.92	53.14	74.00	-20.86	VERTICAL	peak
6	17325.000	33.88	42.92	9.53	36.41	49.92	68.20	-18.28	VERTICAL	peak



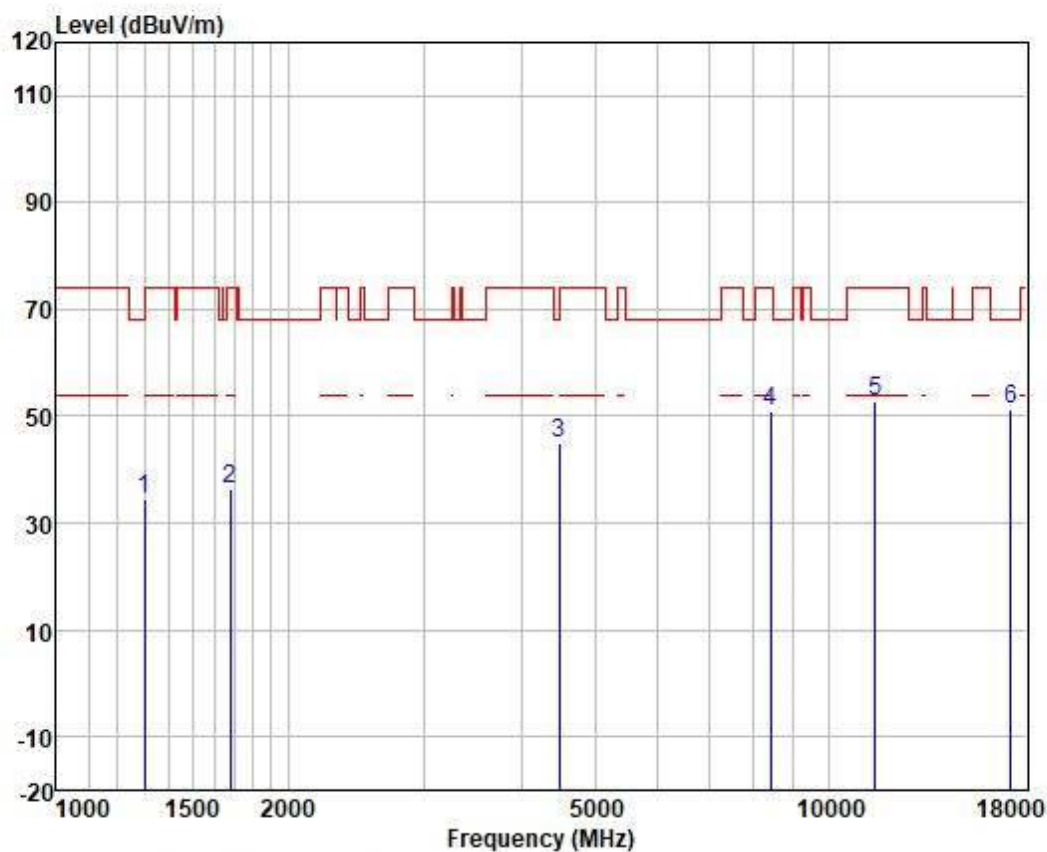
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1289.627	47.50	23.92	2.58	38.60	35.40	68.20	-32.80	HORIZONTAL peak
2	1414.597	47.41	24.29	2.67	38.47	35.90	74.00	-38.10	HORIZONTAL peak
3	4482.150	44.41	34.12	4.62	37.44	45.71	68.20	-22.49	HORIZONTAL peak
4	7852.524	45.46	36.98	6.16	37.20	51.40	68.20	-16.80	HORIZONTAL peak
5	11550.000	41.73	40.17	7.64	36.92	52.62	74.00	-21.38	HORIZONTAL peak
6	17325.000	33.33	42.92	9.53	36.41	49.37	68.20	-18.83	HORIZONTAL peak



Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



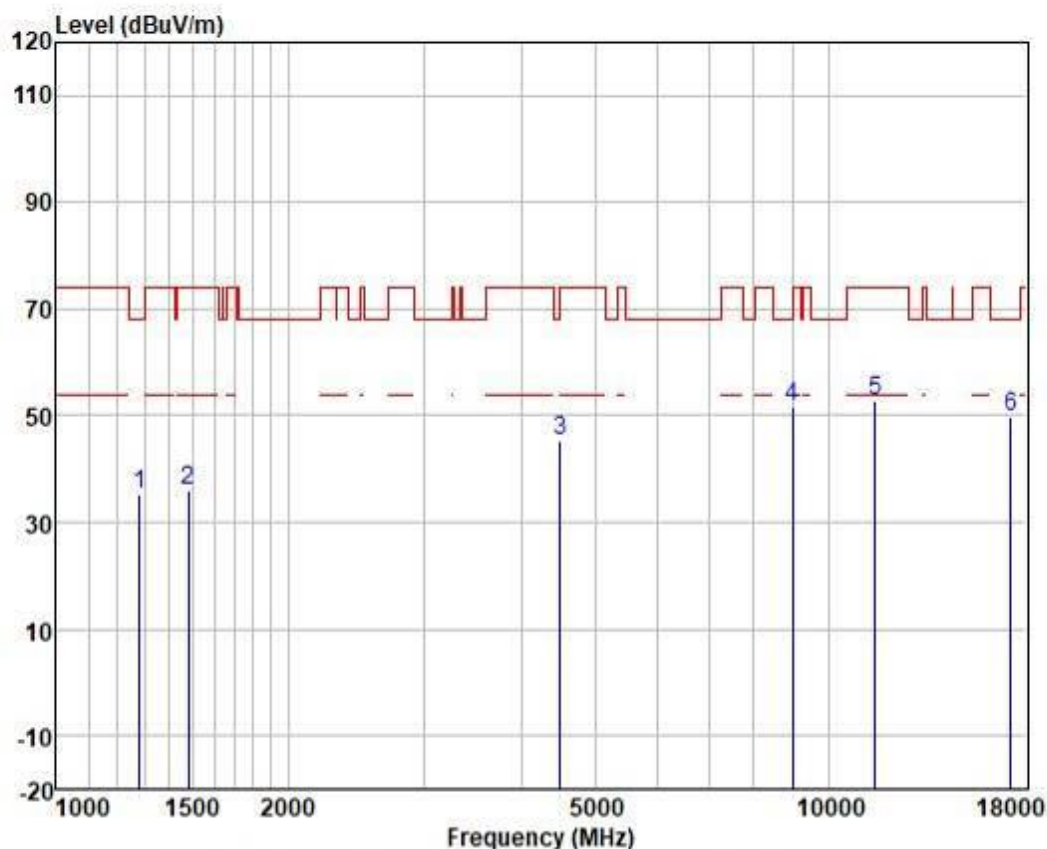
	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1300.858	46.69	23.97	2.59	38.58	34.67	74.00	-39.33	VERTICAL	peak
2	1682.477	46.54	25.03	2.83	38.05	36.35	74.00	-37.65	VERTICAL	peak
3	4482.150	43.69	34.12	4.62	37.44	44.99	68.20	-23.21	VERTICAL	peak
4	8416.584	45.32	36.54	6.44	37.19	51.11	74.00	-22.89	VERTICAL	peak
5	11490.000	41.87	40.25	7.63	36.93	52.82	74.00	-21.18	VERTICAL	peak
6	17235.000	35.61	42.50	9.50	36.41	51.20	68.20	-17.00	VERTICAL	peak



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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



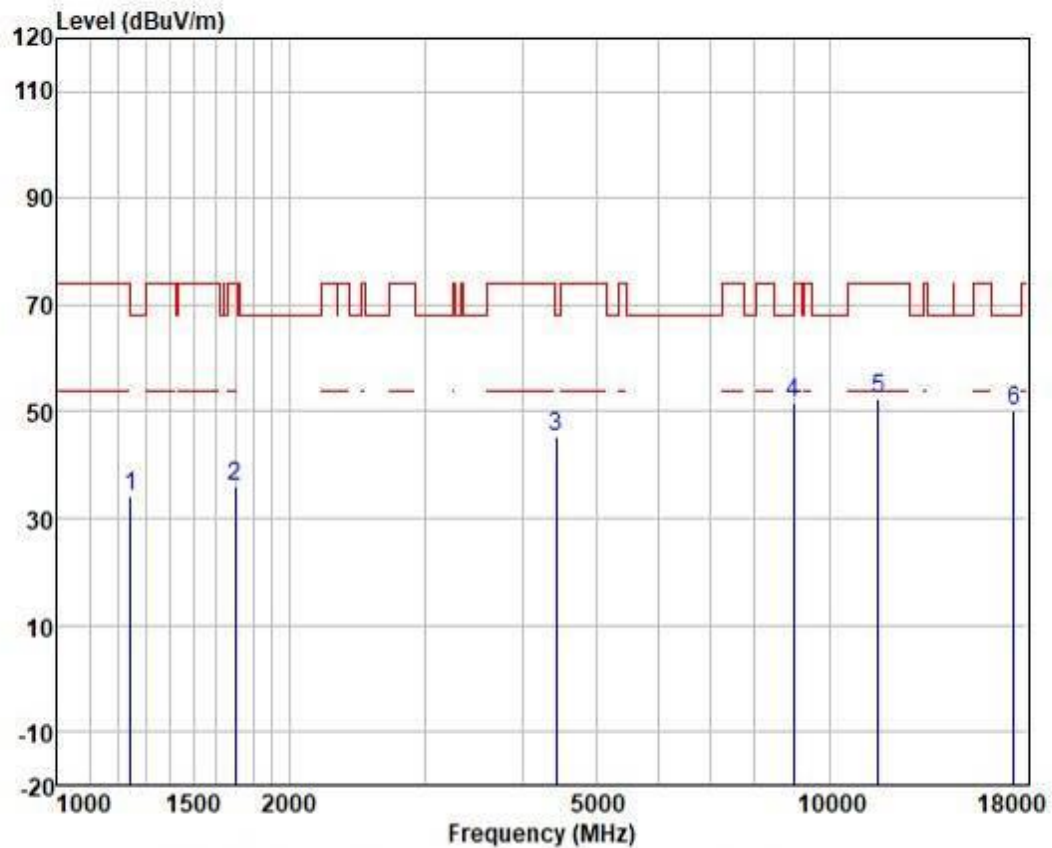
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1282.193	47.39	23.89	2.57	38.60	35.25	68.20	-32.95	HORIZONTAL peak
2	1481.553	47.39	24.41	2.69	38.37	36.12	74.00	-37.88	HORIZONTAL peak
3	4495.125	43.91	34.17	4.62	37.44	45.26	68.20	-22.94	HORIZONTAL peak
4	8995.123	44.68	37.59	6.57	37.15	51.69	68.20	-16.51	HORIZONTAL peak
5	11490.000	41.73	40.25	7.63	36.93	52.68	74.00	-21.32	HORIZONTAL peak
6	17235.000	34.33	42.50	9.50	36.41	49.92	68.20	-18.28	HORIZONTAL peak



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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



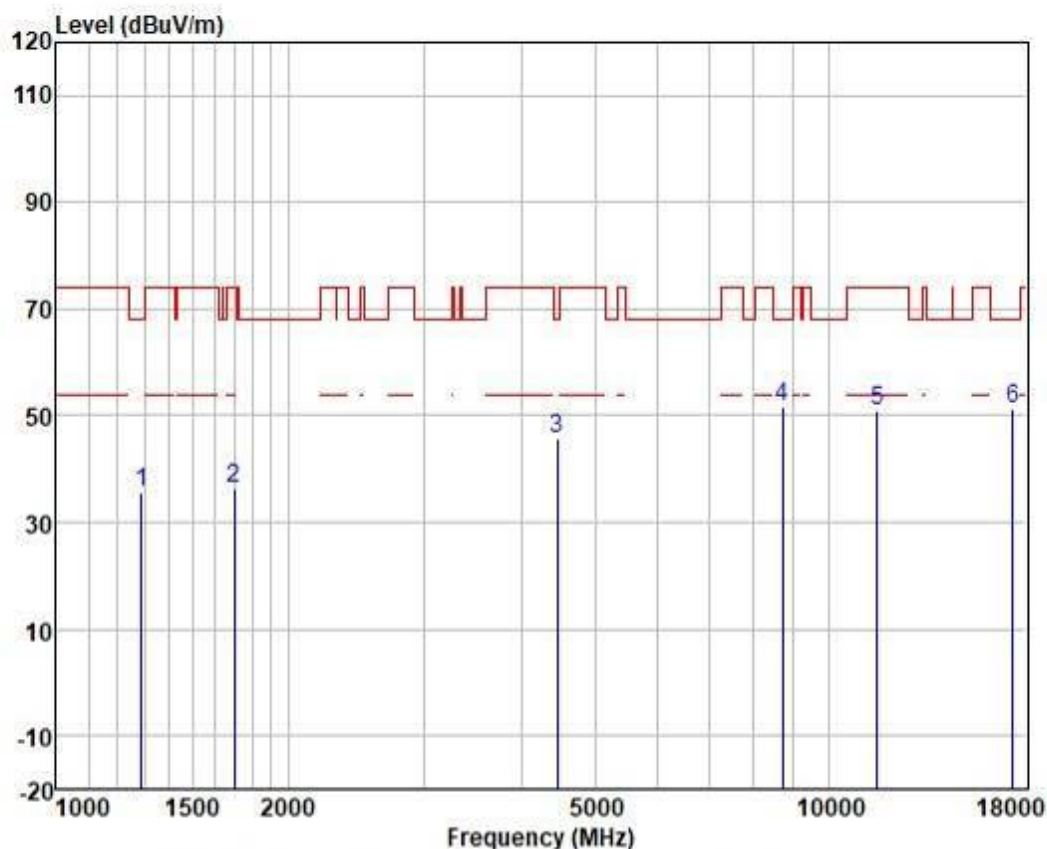
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1245.663	46.44	23.65	2.51	38.64	33.96	68.20	-34.24	VERTICAL peak
2	1702.042	46.09	25.15	2.85	38.03	36.06	74.00	-37.94	VERTICAL peak
3	4430.628	44.18	33.87	4.61	37.45	45.21	68.20	-22.99	VERTICAL peak
4	8995.123	44.75	37.59	6.57	37.15	51.76	68.20	-16.44	VERTICAL peak
5	11570.000	41.66	40.09	7.64	36.92	52.47	74.00	-21.53	VERTICAL peak
6	17355.000	33.97	42.92	9.53	36.41	50.01	68.20	-18.19	VERTICAL peak



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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



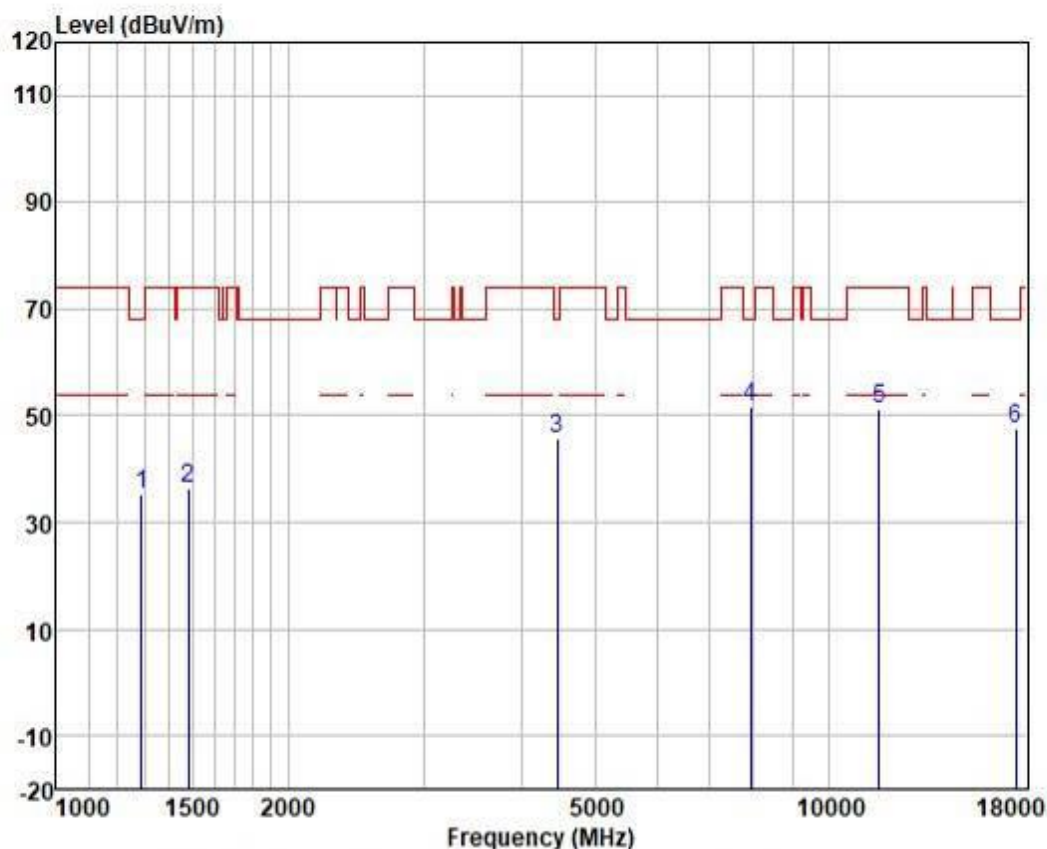
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1289.627	47.57	23.92	2.58	38.60	35.47	68.20	-32.73	HORIZONTAL peak
2	1702.042	46.58	25.15	2.85	38.03	36.55	74.00	-37.45	HORIZONTAL peak
3	4456.315	44.41	34.00	4.61	37.45	45.57	68.20	-22.63	HORIZONTAL peak
4	8713.630	45.55	36.95	6.51	37.17	51.84	68.20	-16.36	HORIZONTAL peak
5	11570.000	40.27	40.09	7.64	36.92	51.08	74.00	-22.92	HORIZONTAL peak
6	17355.000	35.43	42.92	9.53	36.41	51.47	68.20	-16.73	HORIZONTAL peak



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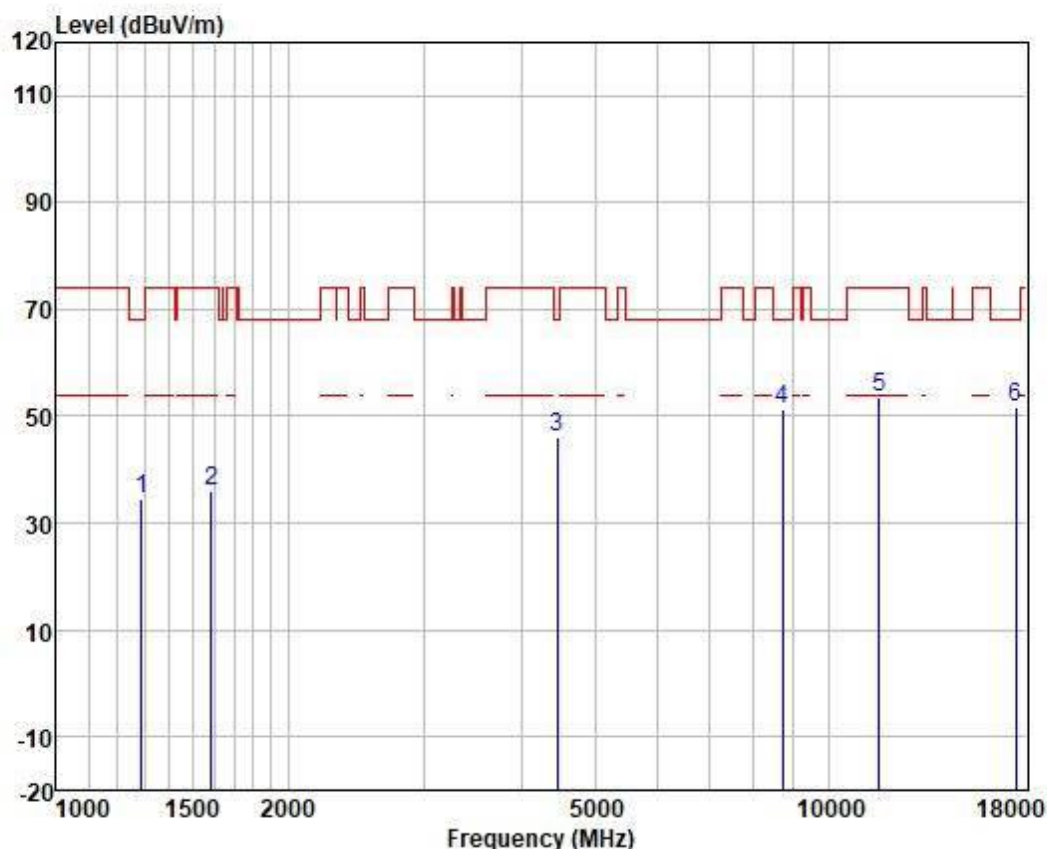
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1289.627	47.30	23.92	2.58	38.60	35.20	68.20	-33.00	VERTICAL peak
2	1481.553	47.76	24.41	2.69	38.37	36.49	74.00	-37.51	VERTICAL peak
3	4456.315	44.71	34.00	4.61	37.45	45.87	68.20	-22.33	VERTICAL peak
4	7943.838	45.67	37.09	6.19	37.20	51.75	68.20	-16.45	VERTICAL peak
5	11650.000	40.71	39.91	7.66	36.92	51.36	74.00	-22.64	VERTICAL peak
6	17475.000	31.01	43.43	9.57	36.41	47.60	68.20	-20.60	VERTICAL peak



Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1289.627	46.52	23.92	2.58	38.60	34.42	68.20	-33.78	HORIZONTAL peak
2	1587.975	46.92	24.65	2.75	38.15	36.17	74.00	-37.83	HORIZONTAL peak
3	4456.315	44.77	34.00	4.61	37.45	45.93	68.20	-22.27	HORIZONTAL peak
4	8713.630	45.17	36.95	6.51	37.17	51.46	68.20	-16.74	HORIZONTAL peak
5	11650.000	42.75	39.91	7.66	36.92	53.40	74.00	-20.60	HORIZONTAL peak
6	17475.000	35.13	43.43	9.57	36.41	51.72	68.20	-16.48	HORIZONTAL peak



7.5 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: KDB 789033 D02 II G

Test Distance: 3m

Limit:

Frequency (MHz)	Field strength(microvolts/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

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

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

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

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

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

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 24.8 °C

Humidity: 54.8 % RH

Atmospheric Pressure: 1013 mbar



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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch (EMC) EEC Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

7.5.2 Test Mode Description

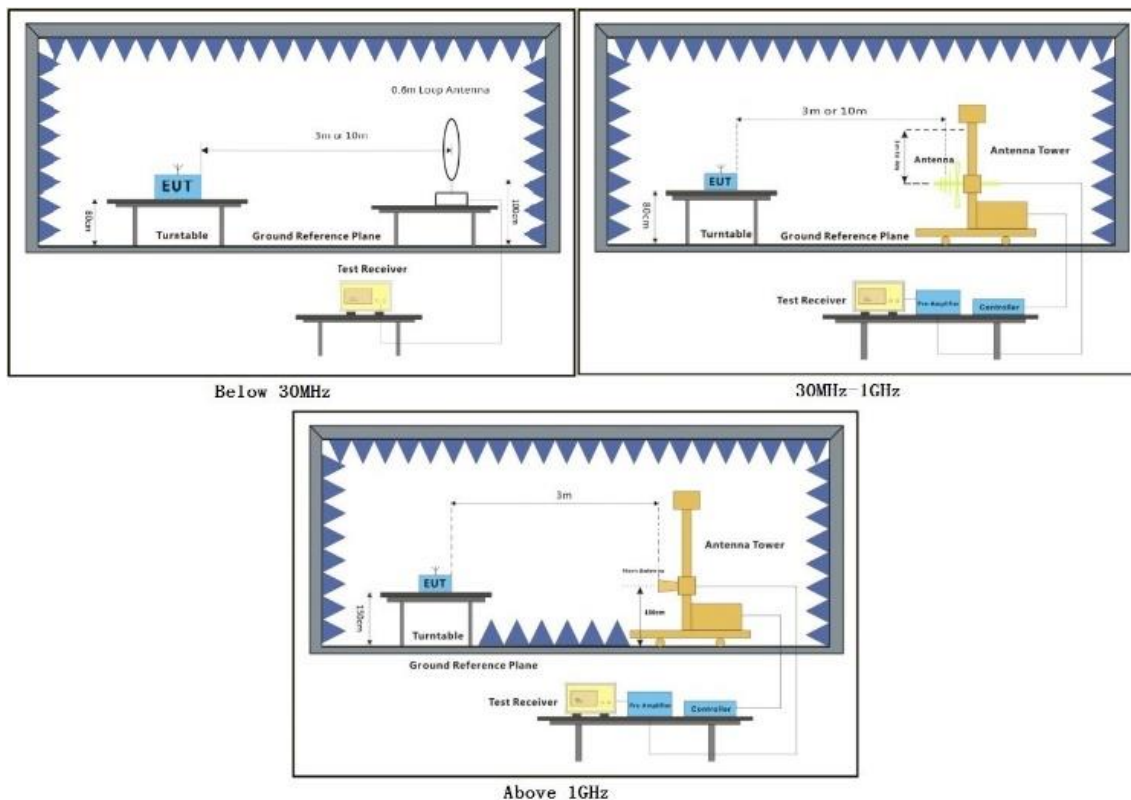
Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.



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7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
 - b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
 - c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
 - d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
 - e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
 - f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
 - g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
 - h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
 - i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
 - j. Repeat above procedures until all frequencies measured was complete.
- Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor



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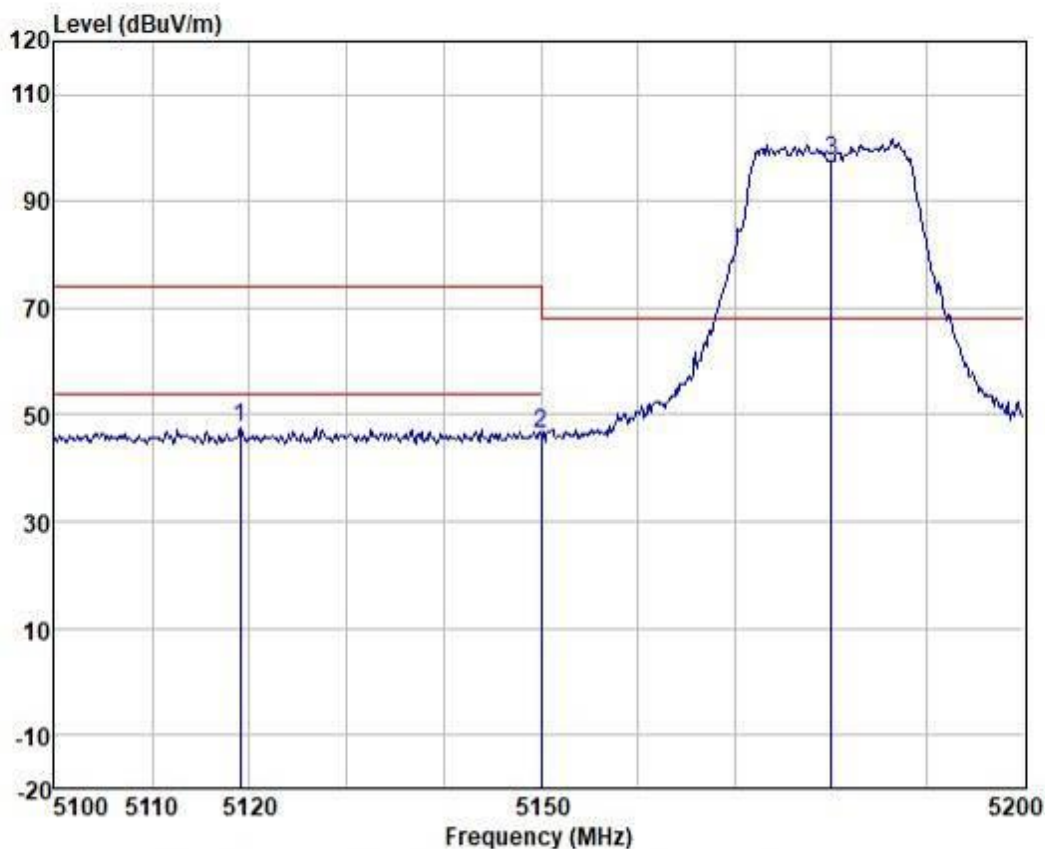
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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch, EMC Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Test Mode: 01; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



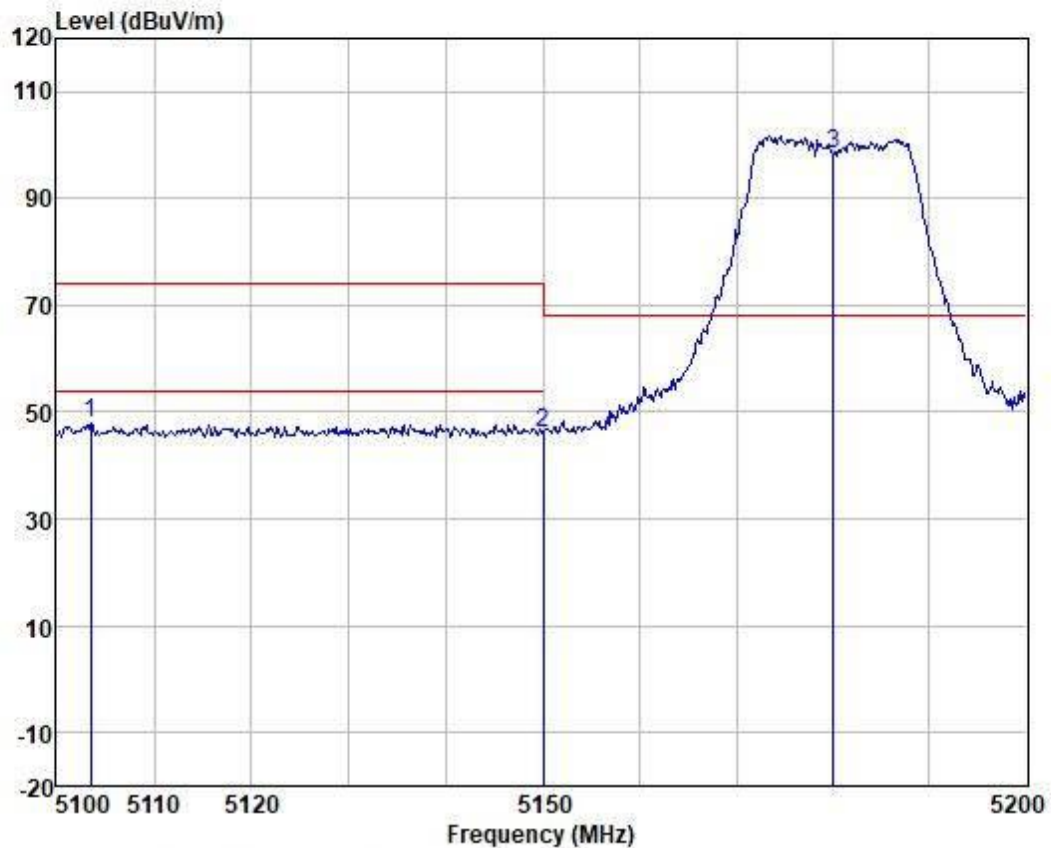
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	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5119.050	45.84	33.88	4.95	37.25	47.42	74.00	-26.58	VERTICAL peak
2	5150.000	45.08	33.79	4.96	37.23	46.60	68.20	-21.60	VERTICAL peak
3 *	5180.000	96.04	33.69	4.98	37.22	97.49	68.20	29.29	VERTICAL peak



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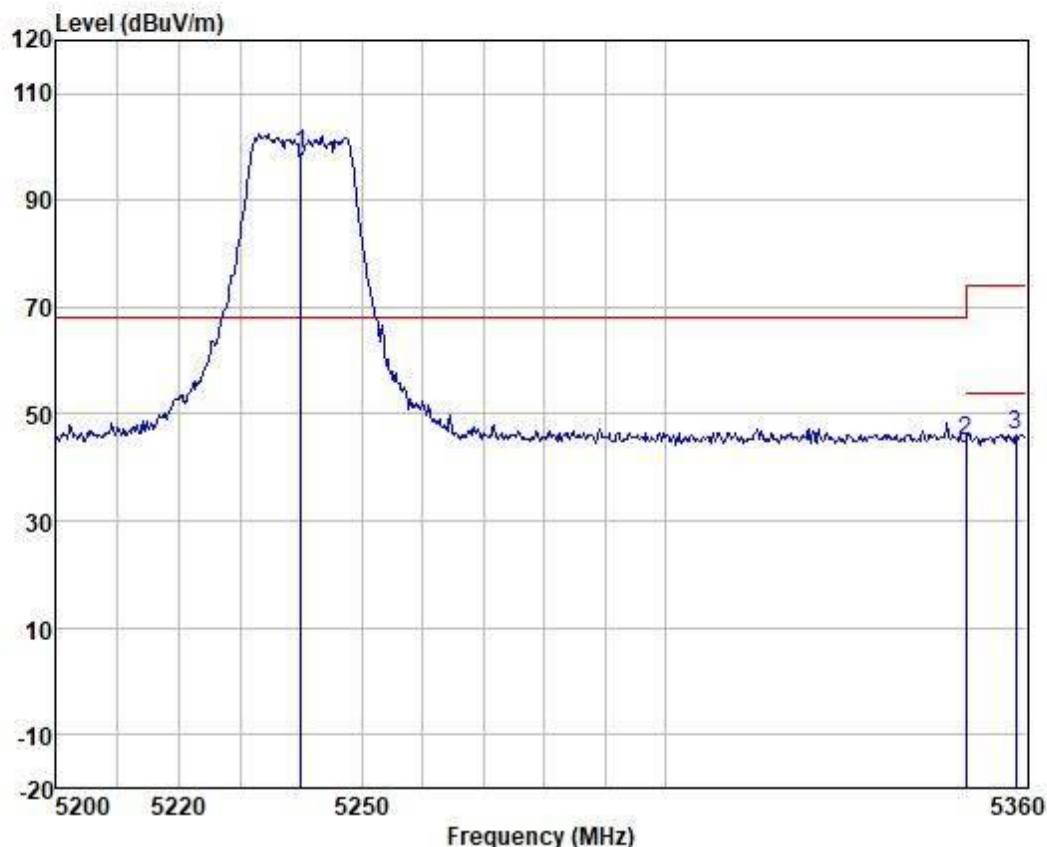
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5103.566	46.21	33.92	4.94	37.25	47.82	74.00	-26.18	HORIZONTAL peak
2	5150.000	44.72	33.79	4.96	37.23	46.24	68.20	-21.96	HORIZONTAL peak
3 *	5180.000	97.04	33.69	4.98	37.22	98.49	68.20	30.29	HORIZONTAL peak



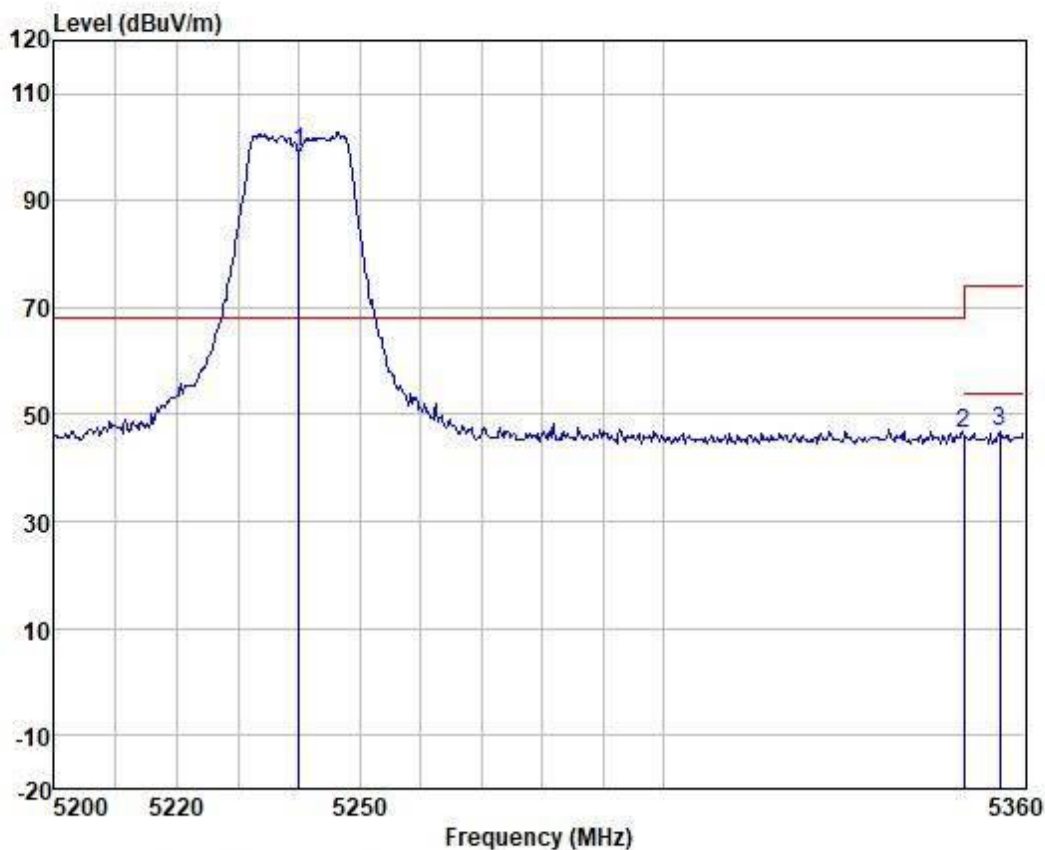
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5240.000	97.37	33.45	5.02	37.21	98.63	68.20	30.43	VERTICAL peak
2	5350.000	43.95	33.00	5.09	37.18	44.86	68.20	-23.34	VERTICAL peak
3	5358.376	45.34	32.95	5.10	37.18	46.21	74.00	-27.79	VERTICAL peak



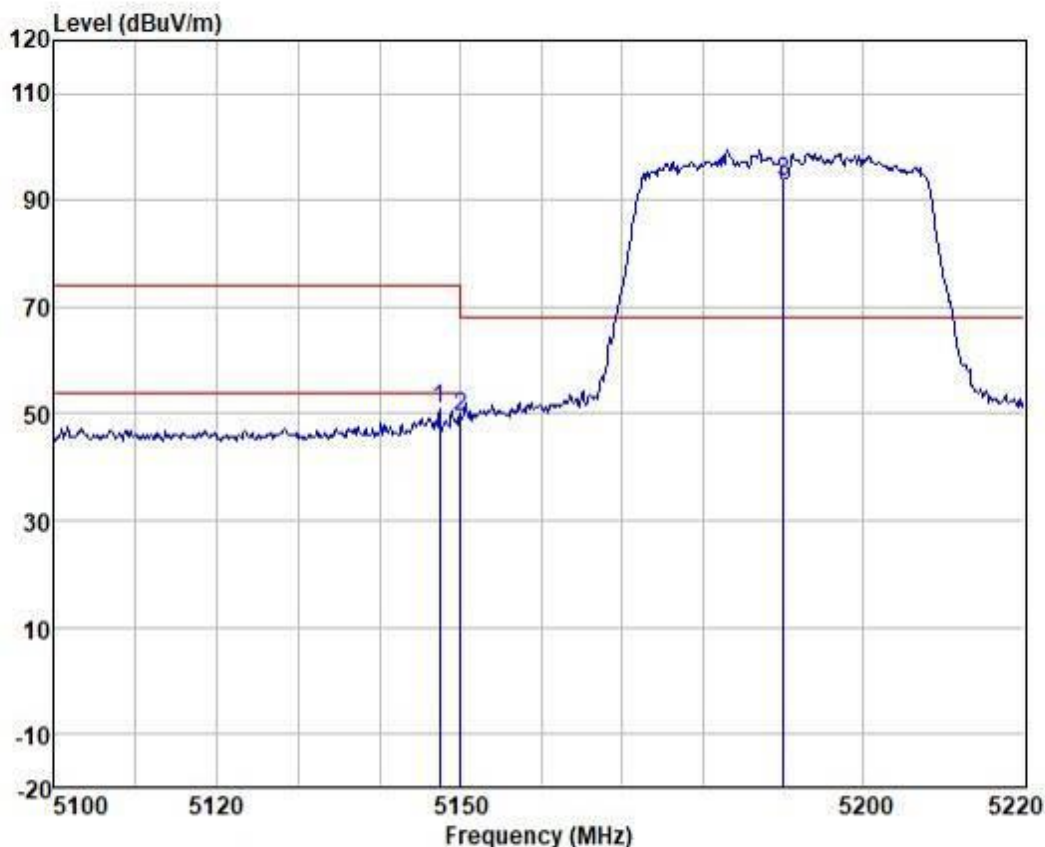
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5240.000	97.73	33.45	5.02	37.21	98.99	68.20	30.79	HORIZONTAL peak
2	5350.000	45.43	33.00	5.09	37.18	46.34	68.20	-21.86	HORIZONTAL peak
3	5356.103	46.04	32.95	5.10	37.18	46.91	74.00	-27.09	HORIZONTAL peak



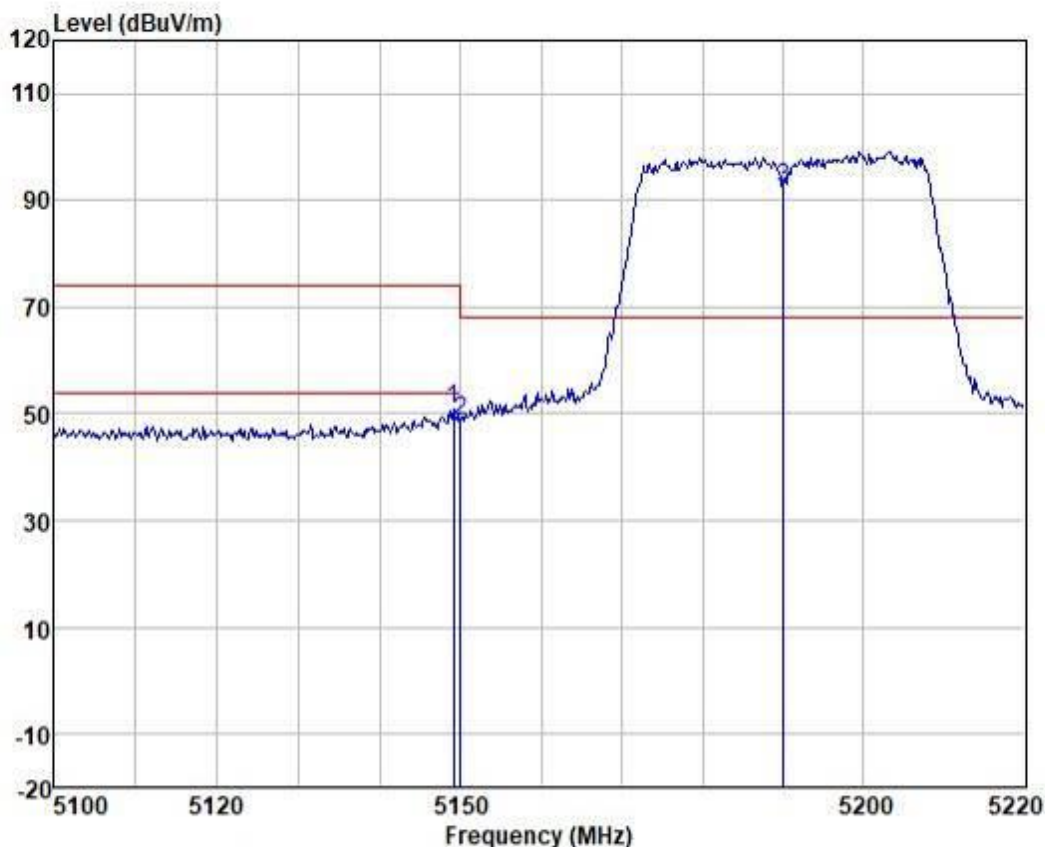
Test Mode: 01; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5147.426	49.53	33.79	4.96	37.23	51.05	74.00	-22.95	VERTICAL peak
2	5150.000	48.07	33.79	4.96	37.23	49.59	68.20	-18.61	VERTICAL peak
3 *	5190.000	91.91	33.64	4.99	37.22	93.32	68.20	25.12	VERTICAL peak



Test Mode: 01; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



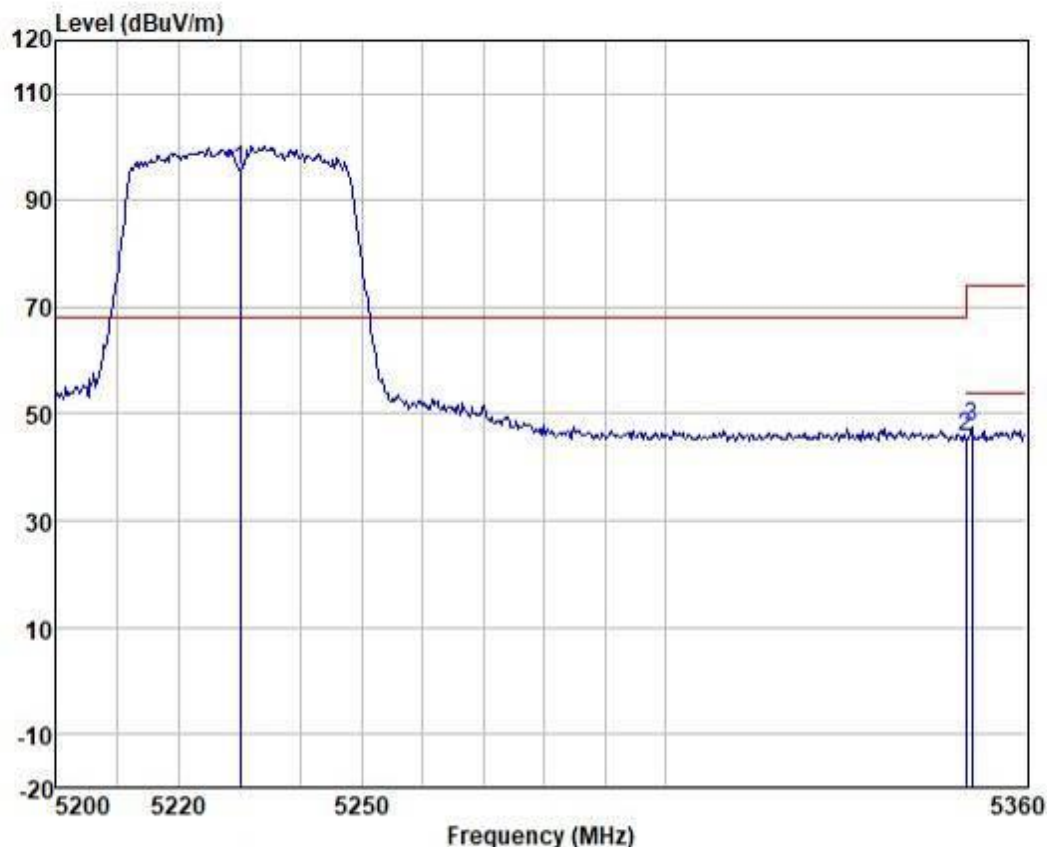
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	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5149.102	49.31	33.79	4.96	37.23	50.83	74.00	-23.17	HORIZONTAL peak
2	5150.000	47.34	33.79	4.96	37.23	48.86	68.20	-19.34	HORIZONTAL peak
3 *	5190.000	91.06	33.64	4.99	37.22	92.47	68.20	24.27	HORIZONTAL peak



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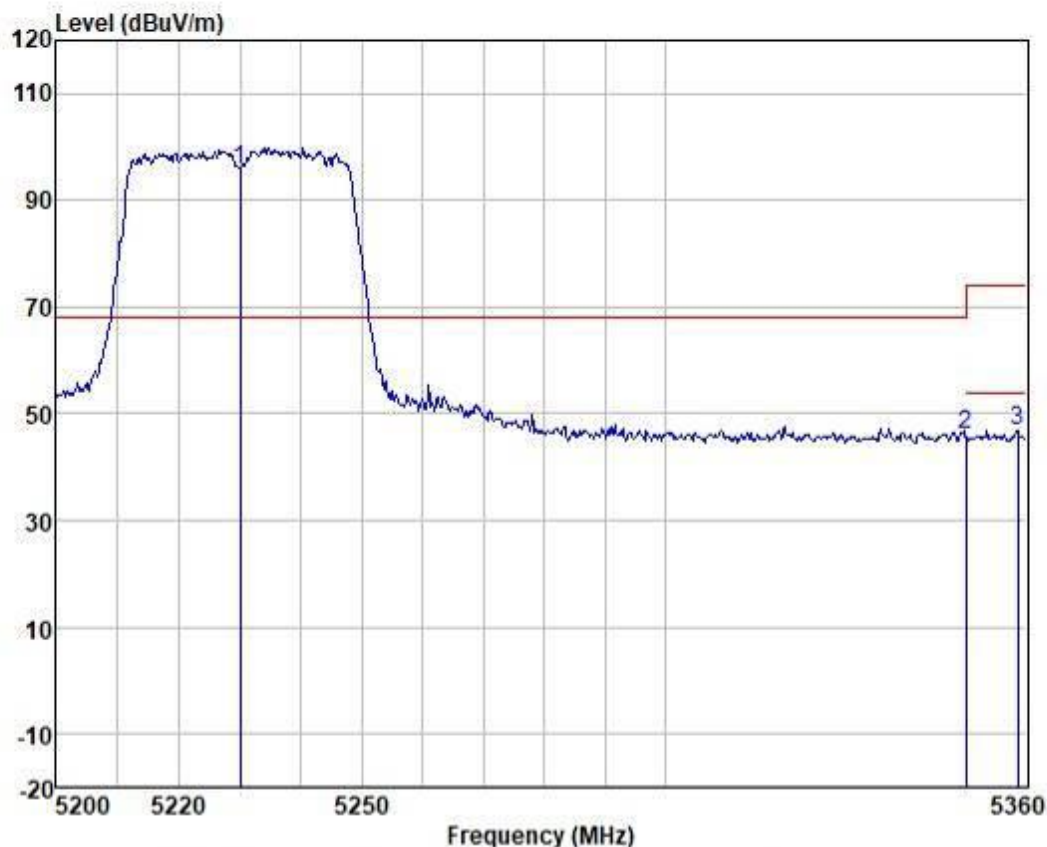
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5230.000	94.29	33.52	5.01	37.21	95.61	68.20	27.41	VERTICAL peak
2	5350.000	44.66	33.00	5.09	37.18	45.57	68.20	-22.63	VERTICAL peak
3	5351.073	46.65	33.00	5.09	37.18	47.56	74.00	-26.44	VERTICAL peak



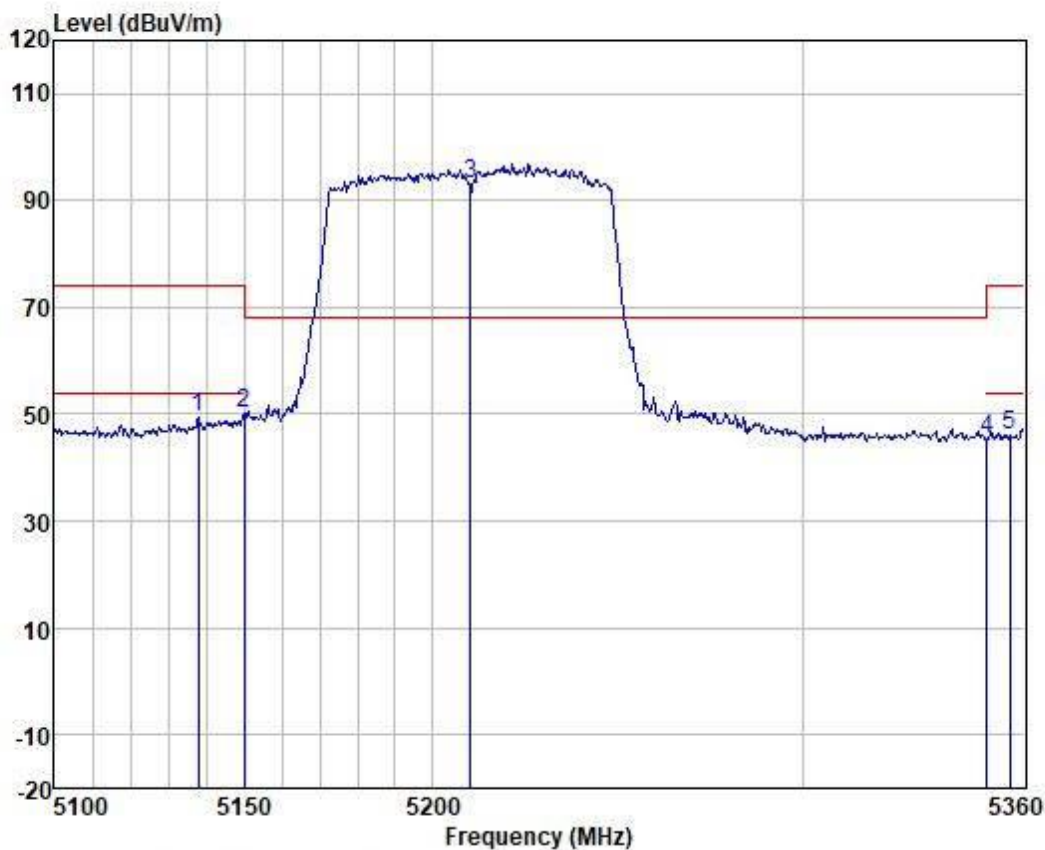
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5230.000	94.59	33.52	5.01	37.21	95.91	68.20	27.71	HORIZONTAL peak
2	5350.000	44.99	33.00	5.09	37.18	45.90	68.20	-22.30	HORIZONTAL peak
3	5358.701	46.12	32.95	5.10	37.18	46.99	74.00	-27.01	HORIZONTAL peak



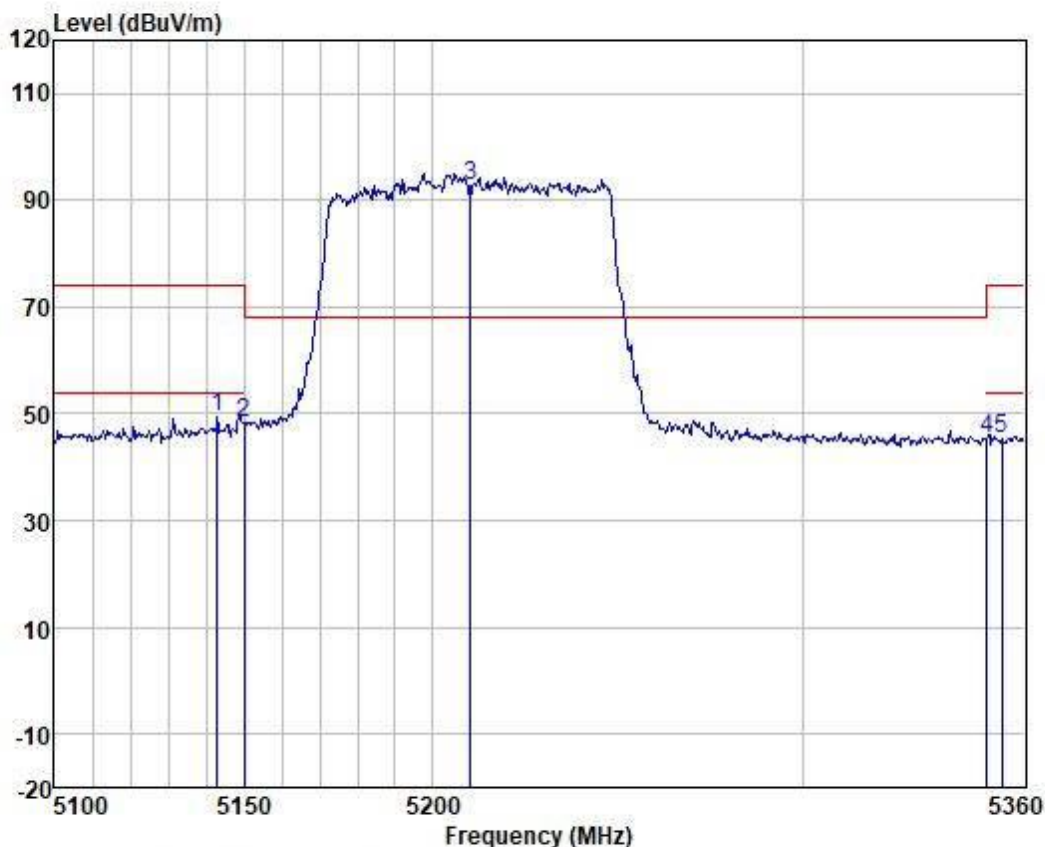
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	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5137.925	47.91	33.84	4.95	37.24	49.46	74.00	-24.54	VERTICAL	peak
2	5150.000	48.52	33.79	4.96	37.23	50.04	68.20	-18.16	VERTICAL	peak
3 *	5210.000	91.78	33.58	5.00	37.21	93.15	68.20	24.95	VERTICAL	peak
4	5350.000	44.32	33.00	5.09	37.18	45.23	68.20	-22.97	VERTICAL	peak
5	5356.270	45.11	32.95	5.10	37.18	45.98	74.00	-28.02	VERTICAL	Peak



Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



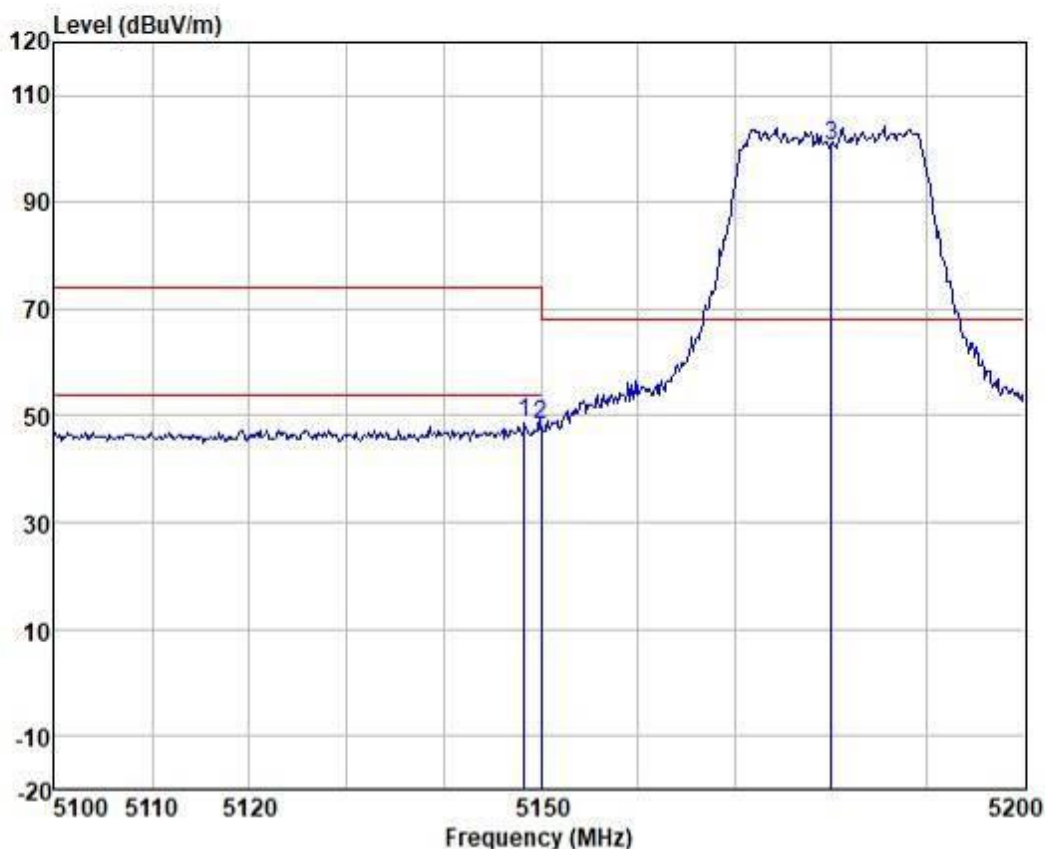
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5142.781	47.92	33.79	4.96	37.23	49.44	74.00	-24.56	HORIZONTAL peak
2	5150.000	46.97	33.79	4.96	37.23	48.49	68.20	-19.71	HORIZONTAL peak
3 *	5210.000	91.27	33.58	5.00	37.21	92.64	68.20	24.44	HORIZONTAL peak
4	5350.000	44.43	33.00	5.09	37.18	45.34	68.20	-22.86	HORIZONTAL peak
5	5354.140	44.55	32.95	5.10	37.18	45.42	74.00	-28.58	HORIZONTAL Peak



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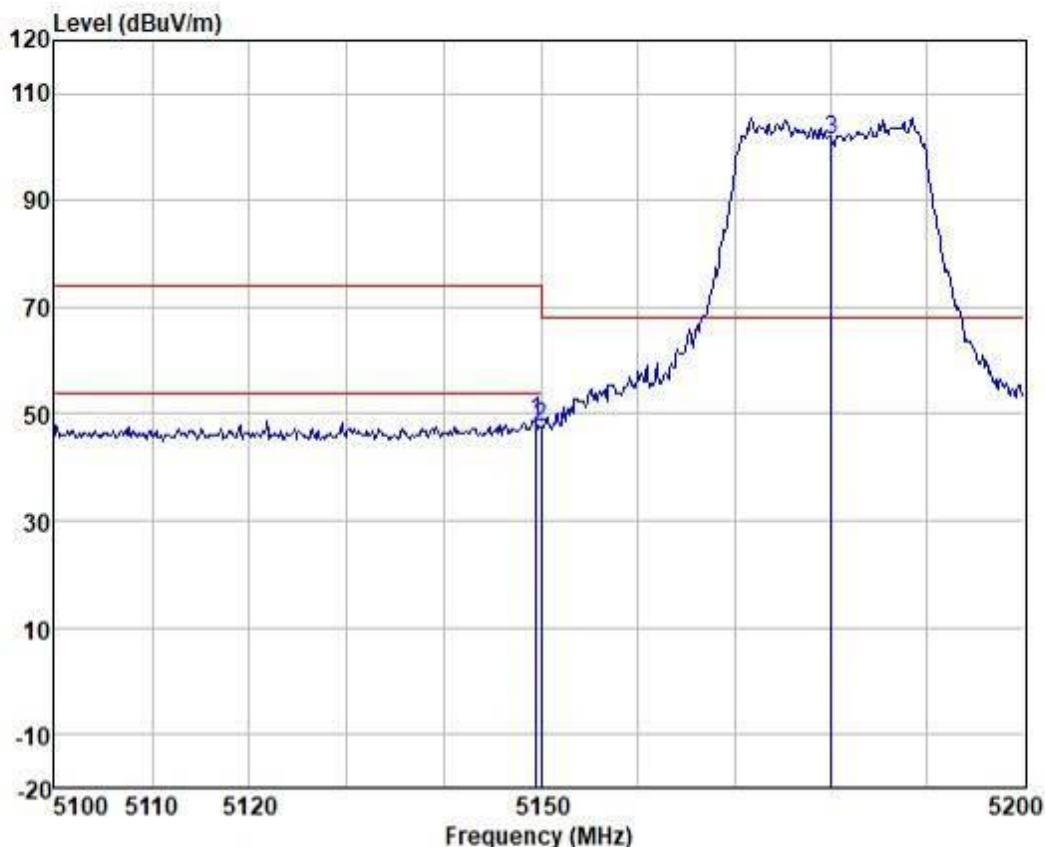
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5148.257	47.24	33.79	4.96	37.23	48.76	74.00	-25.24	VERTICAL peak
2	5150.000	46.63	33.79	4.96	37.23	48.15	68.20	-20.05	VERTICAL peak
3 *	5180.000	99.30	33.69	4.98	37.22	100.75	68.20	32.55	VERTICAL peak



Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



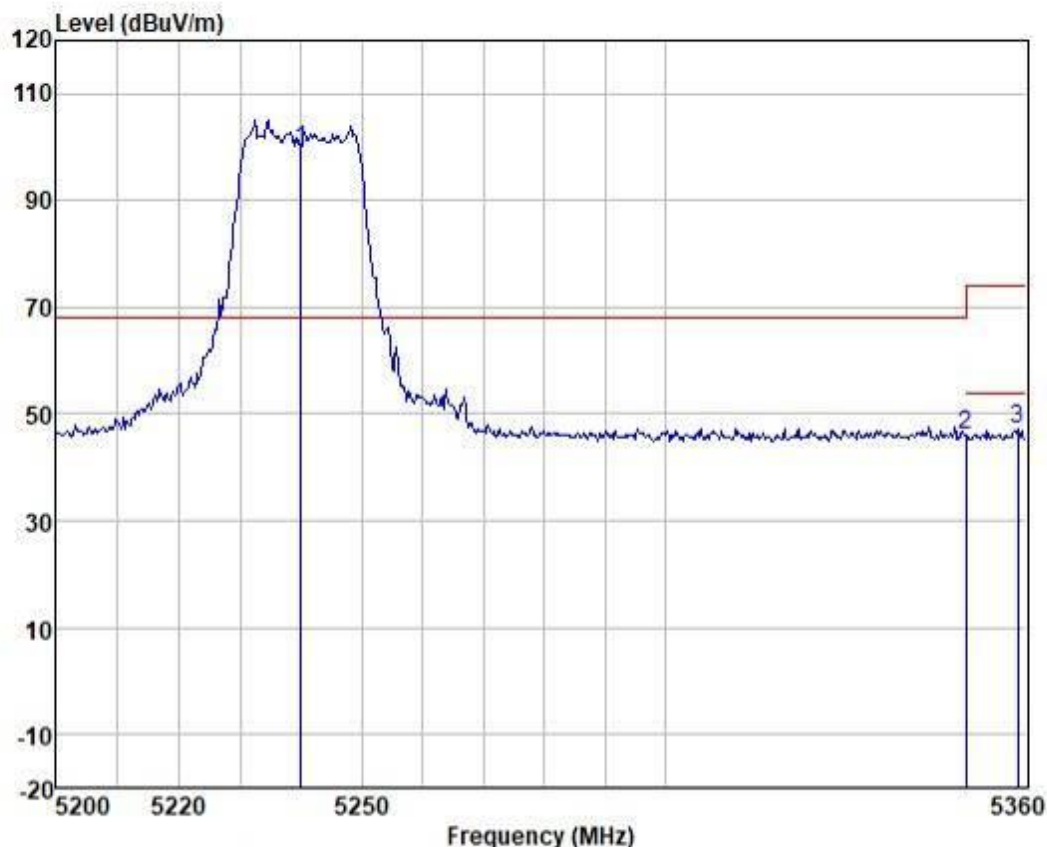
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	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5149.458	47.09	33.79	4.96	37.23	48.61	74.00	-25.39	HORIZONTAL peak
2	5150.000	46.08	33.79	4.96	37.23	47.60	68.20	-20.60	HORIZONTAL peak
3 *	5180.000	99.92	33.69	4.98	37.22	101.37	68.20	33.17	HORIZONTAL peak



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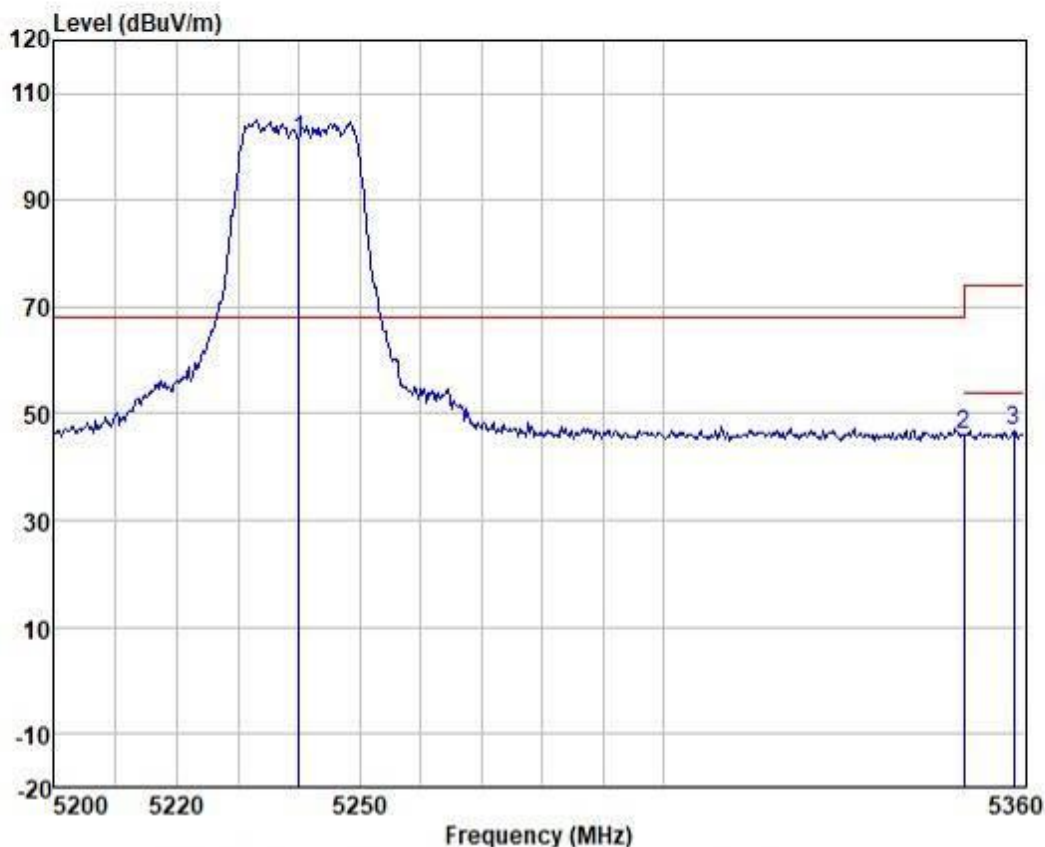
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5240.000	98.24	33.45	5.02	37.21	99.50	68.20	31.30	VERTICAL peak
2	5350.000	45.16	33.00	5.09	37.18	46.07	68.20	-22.13	VERTICAL peak
3	5358.701	46.20	32.95	5.10	37.18	47.07	74.00	-26.93	VERTICAL peak



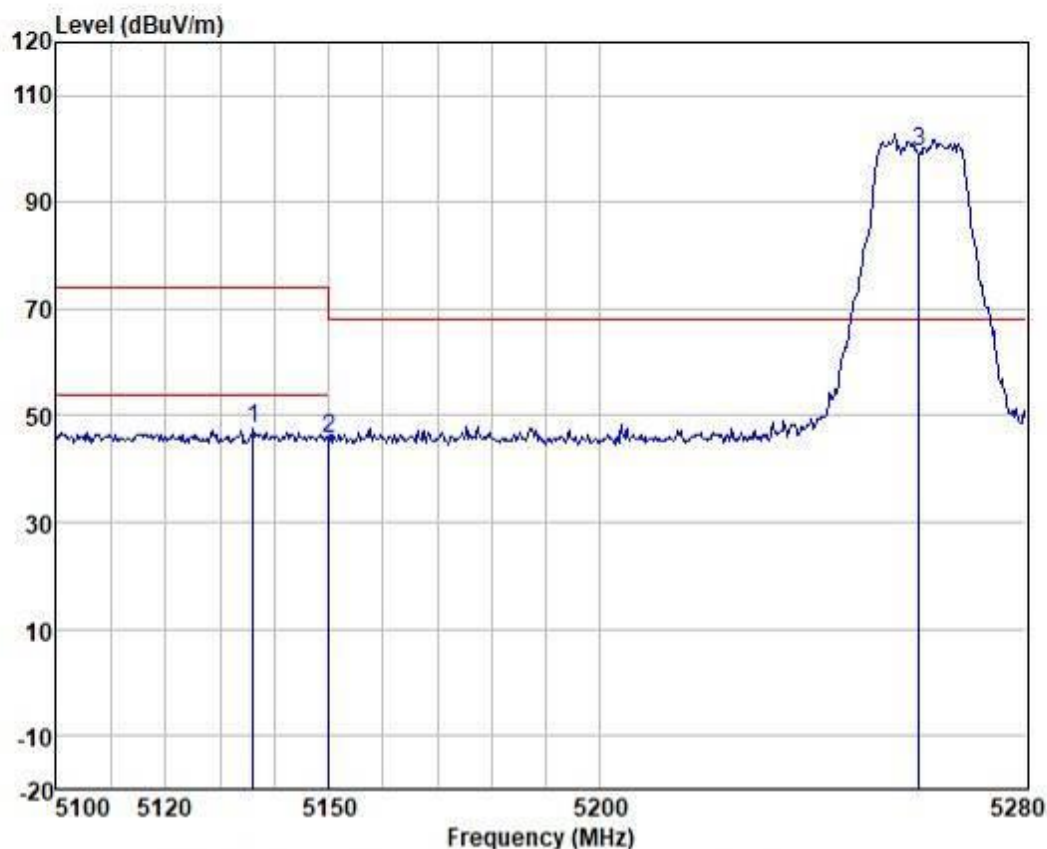
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5240.000	99.98	33.45	5.02	37.21	101.24	68.20	33.04	HORIZONTAL peak
2	5350.000	45.18	33.00	5.09	37.18	46.09	68.20	-22.11	HORIZONTAL peak
3	5358.376	45.99	32.95	5.10	37.18	46.86	74.00	-27.14	HORIZONTAL peak



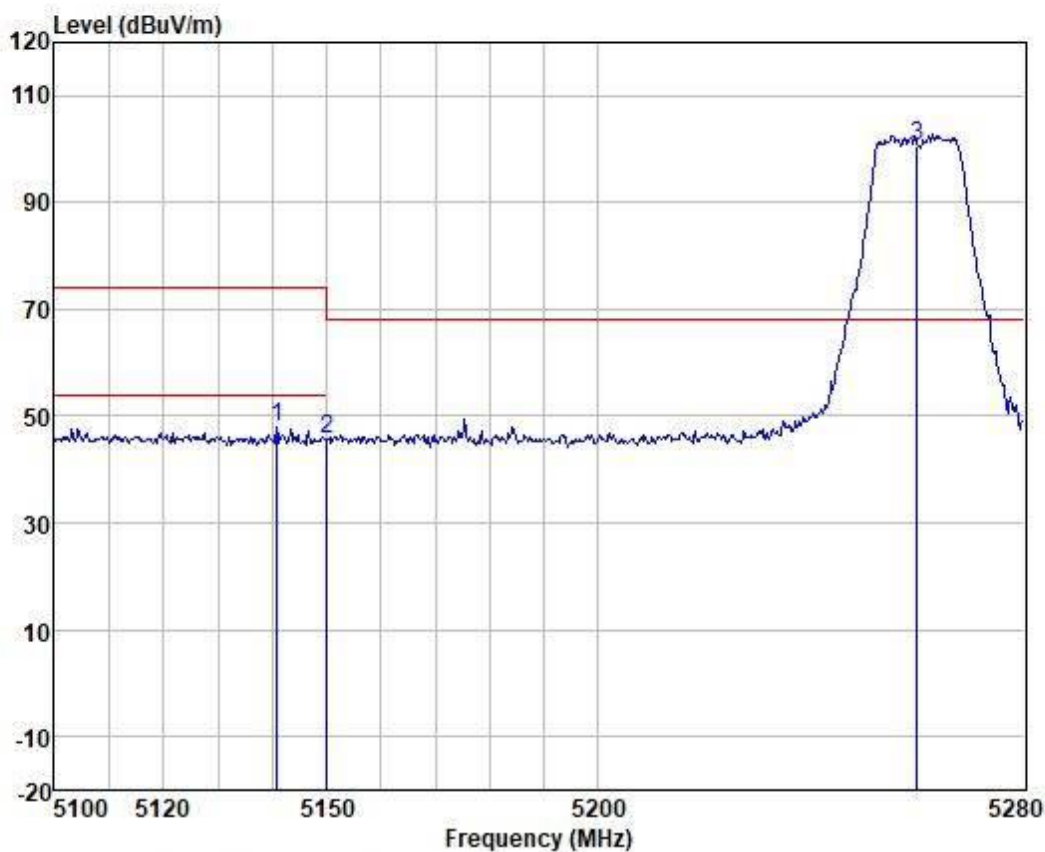
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5136.037	46.09	33.84	4.95	37.24	47.64	74.00	-26.36	VERTICAL peak
2	5150.000	44.36	33.79	4.96	37.23	45.88	68.20	-22.32	VERTICAL peak
3 *	5260.000	98.11	33.38	5.03	37.20	99.32	68.20	31.12	VERTICAL peak

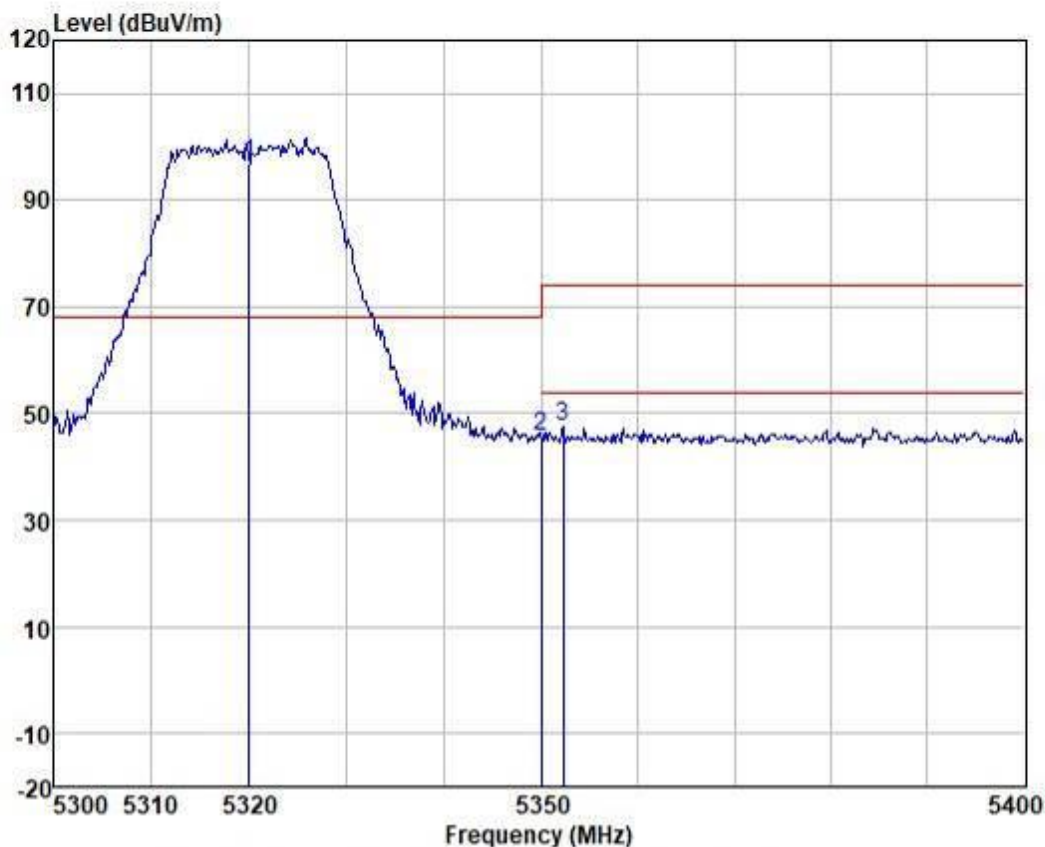


Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5140.849	46.33	33.84	4.95	37.23	47.89	74.00	-26.11	HORIZONTAL peak
2	5150.000	44.01	33.79	4.96	37.23	45.53	68.20	-22.67	HORIZONTAL peak
3 *	5260.000	99.51	33.38	5.03	37.20	100.72	68.20	32.52	HORIZONTAL peak

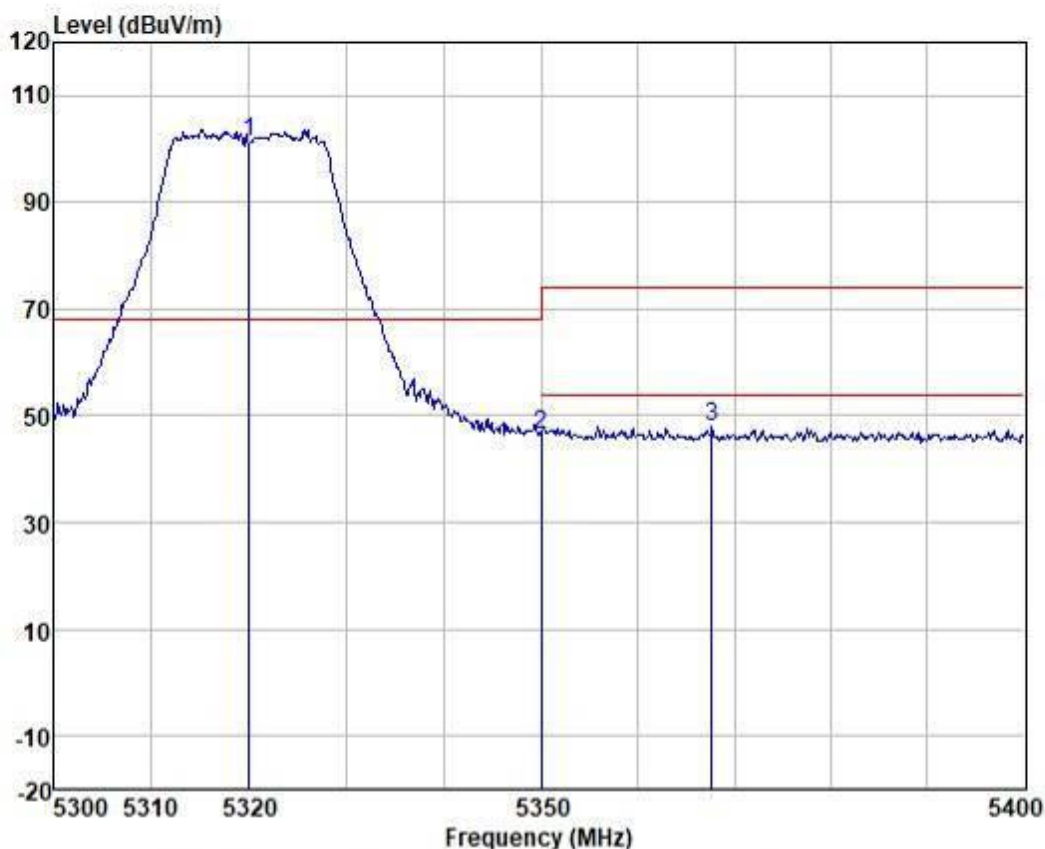
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Loss	Factor	dBuV/m	dBuV/m	Limit		
		dBuV	dB	dB			dB		
1 *	5320.000	95.95	33.11	5.08	37.19	96.95	68.20	28.75	VERTICAL peak
2	5350.000	44.96	33.00	5.09	37.18	45.87	68.20	-22.33	VERTICAL peak
3	5352.267	46.75	33.00	5.09	37.18	47.66	74.00	-26.34	VERTICAL peak



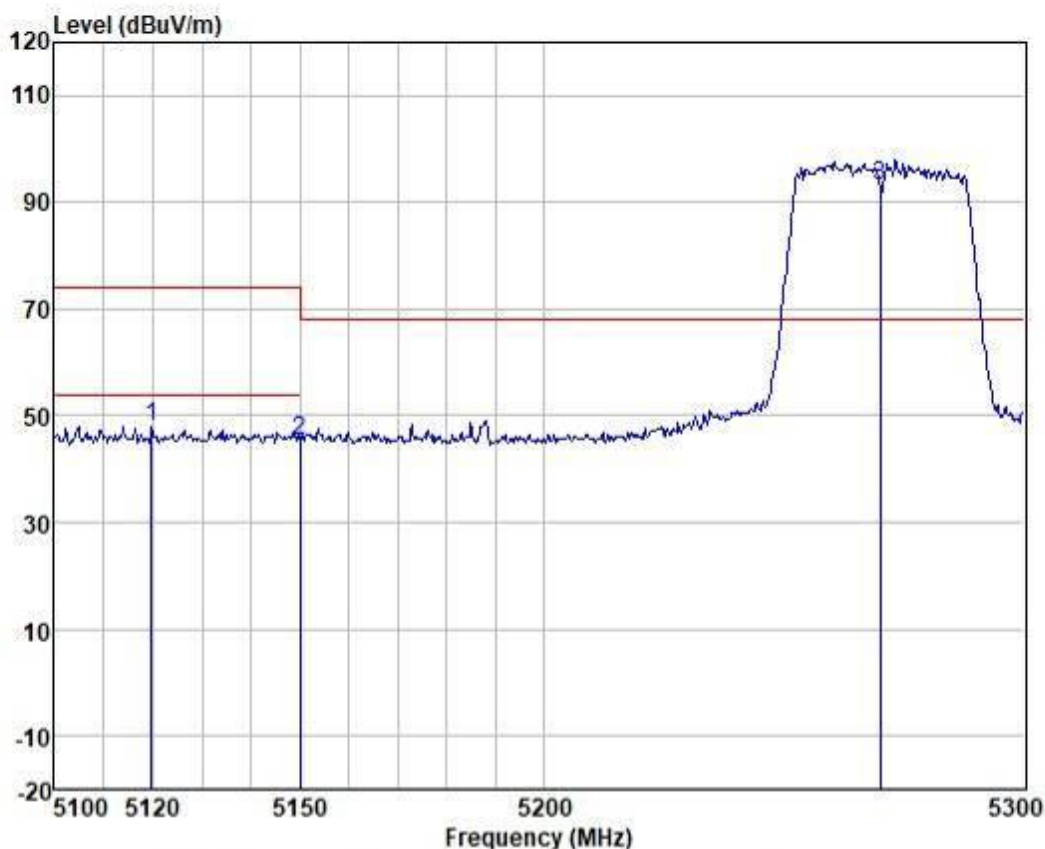
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	Freq	ReadAntenna	Cable	Preamp		Limit	Over		
	MHz	Level	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5320.000	100.37	33.11	5.08	37.19	101.37	68.20	33.17	HORIZONTAL peak
2	5350.000	45.45	33.00	5.09	37.18	46.36	68.20	-21.84	HORIZONTAL peak
3	5367.696	47.04	32.95	5.10	37.18	47.91	74.00	-26.09	HORIZONTAL peak



Test Mode: 02; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp		Limit	Over		
	MHz	Level	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5119.656	46.42	33.88	4.95	37.25	48.00	74.00	-26.00	VERTICAL peak
2	5150.000	43.66	33.79	4.96	37.23	45.18	68.20	-23.02	VERTICAL peak
3 *	5270.000	91.95	33.30	5.04	37.20	93.09	68.20	24.89	VERTICAL peak



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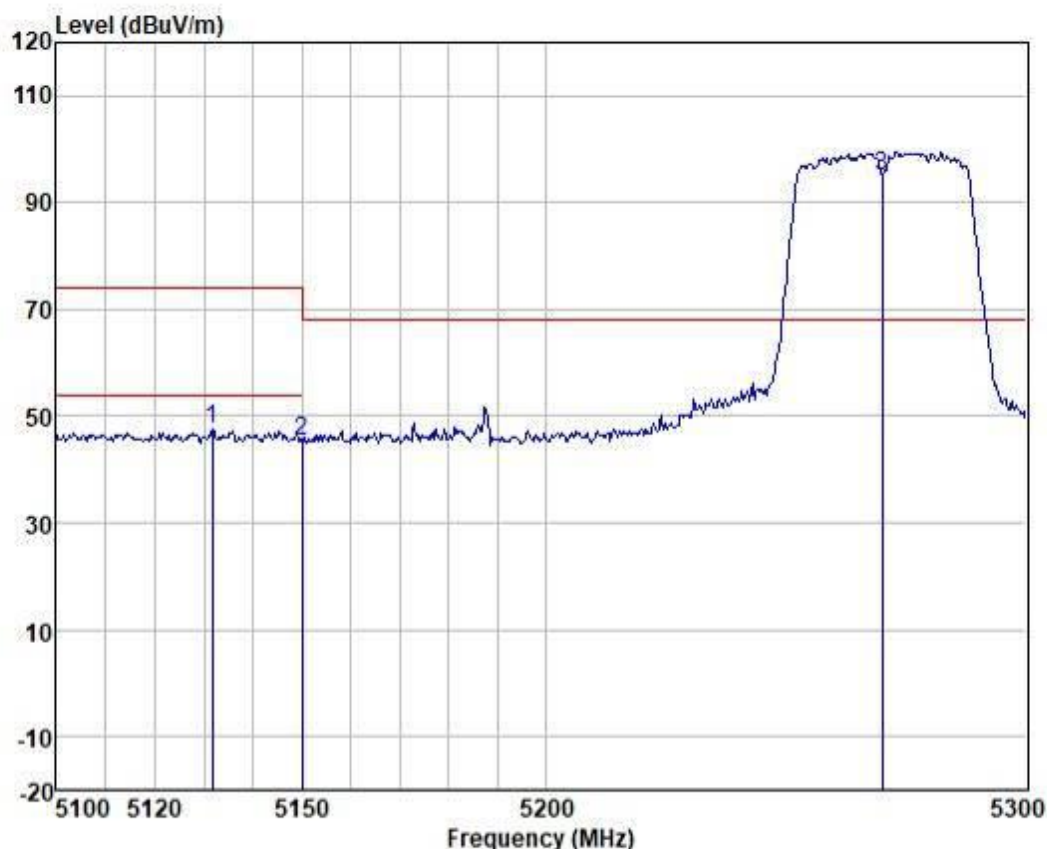
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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch, EMC Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

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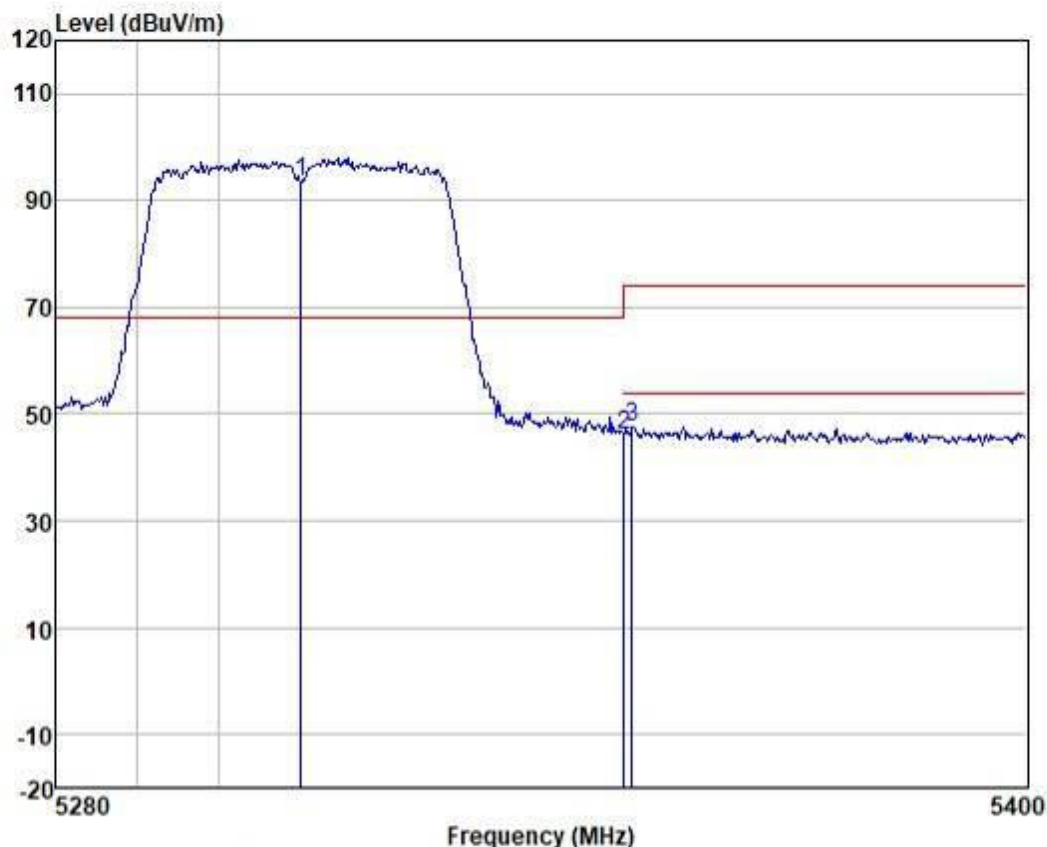
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5131.683	45.98	33.84	4.95	37.24	47.53	74.00	-26.47	HORIZONTAL peak
2	5150.000	43.66	33.79	4.96	37.23	45.18	68.20	-23.02	HORIZONTAL peak
3 *	5270.000	93.89	33.30	5.04	37.20	95.03	68.20	26.83	HORIZONTAL peak



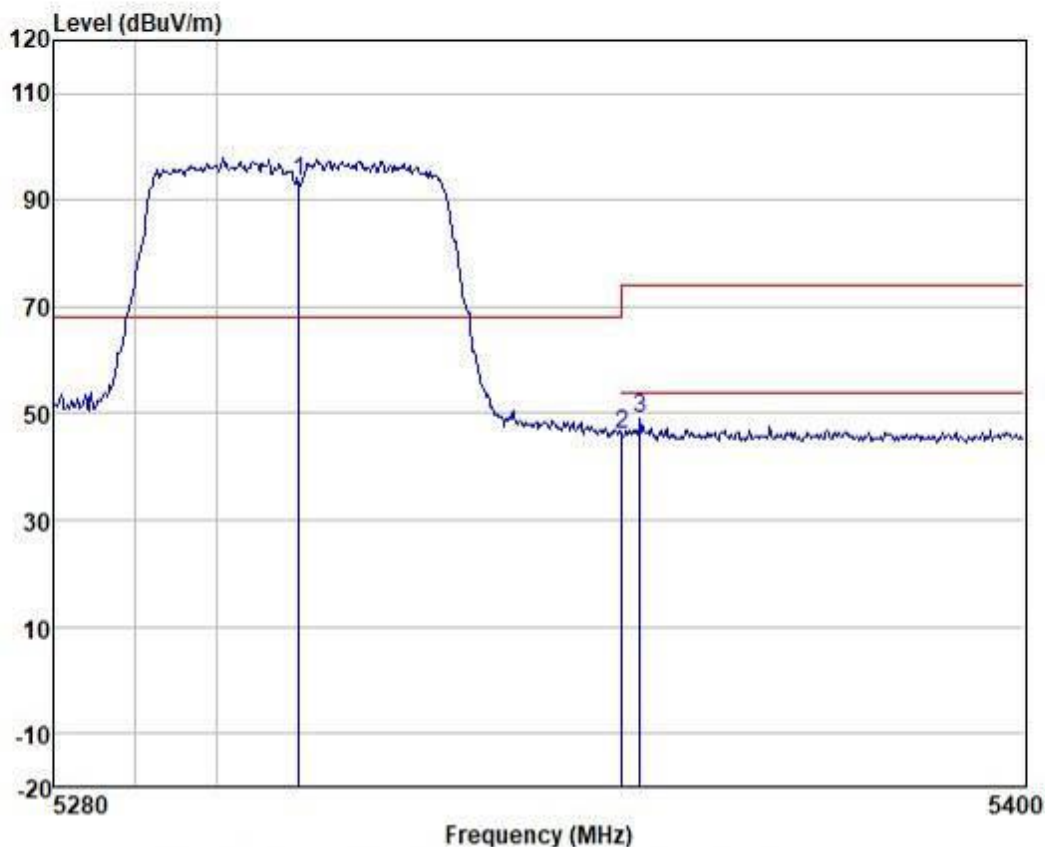
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5310.000	92.65	33.11	5.08	37.19	93.65	68.20	25.45	VERTICAL peak
2	5350.000	45.13	33.00	5.09	37.18	46.04	68.20	-22.16	VERTICAL peak
3	5350.955	46.78	33.00	5.09	37.18	47.69	74.00	-26.31	VERTICAL peak



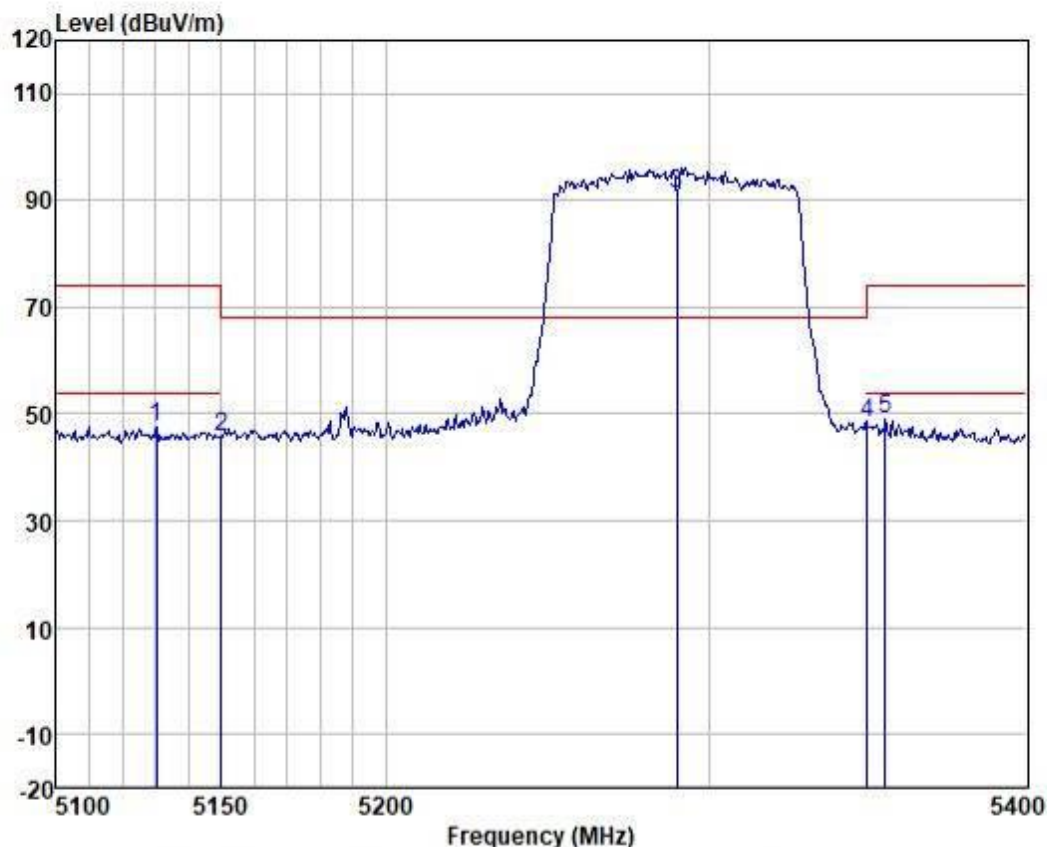
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Loss	Factor	dBuV/m	Line	Limit		
		dBuV	dB	dB		dBuV/m	dB		
1 *	5310.000	92.52	33.11	5.08	37.19	93.52	68.20	25.32	HORIZONTAL peak
2	5350.000	45.10	33.00	5.09	37.18	46.01	68.20	-22.19	HORIZONTAL peak
3	5352.157	48.03	33.00	5.09	37.18	48.94	74.00	-25.06	HORIZONTAL peak



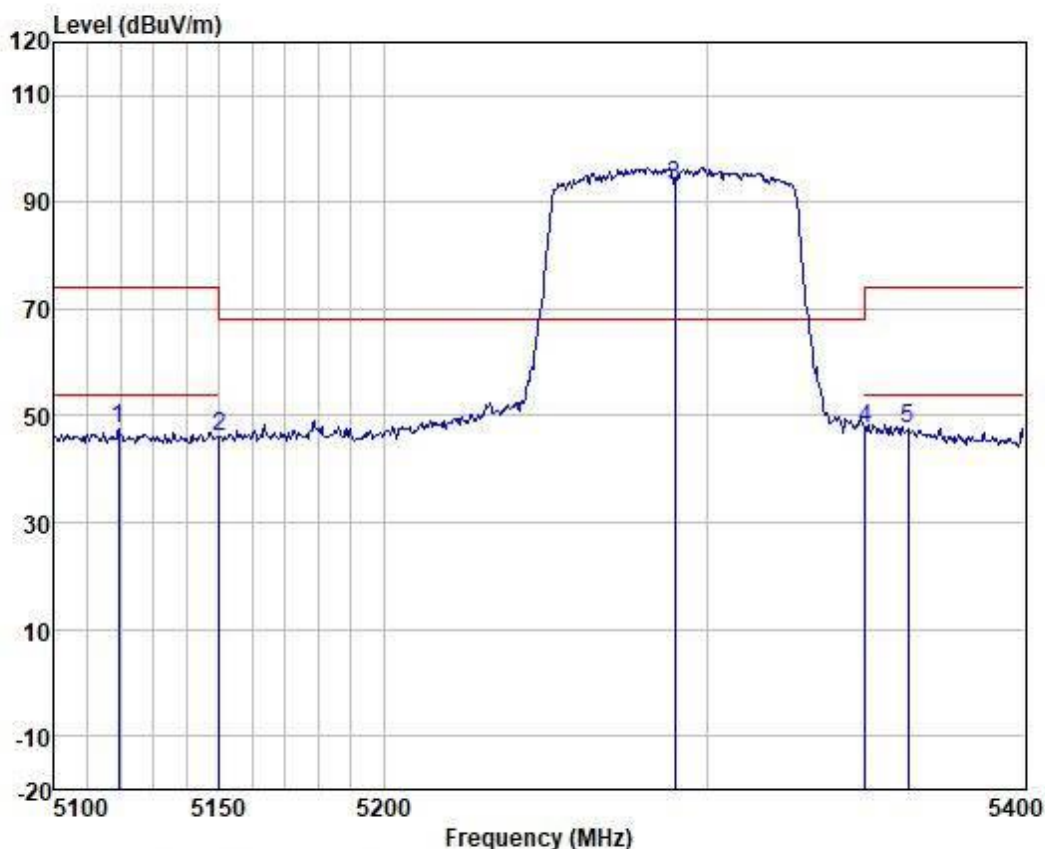
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Loss	Factor	dBuV/m	Line	Limit		
		dBuV	dB	dB		dBuV/m	dB		
1	5130.114	46.04	33.84	4.95	37.24	47.59	74.00	-26.41	VERTICAL peak
2	5150.000	44.13	33.79	4.96	37.23	45.65	68.20	-22.55	VERTICAL peak
3 *	5290.000	90.00	33.23	5.05	37.20	91.08	68.20	22.88	VERTICAL peak
4	5350.000	47.23	33.00	5.09	37.18	48.14	68.20	-20.06	VERTICAL peak
5	5355.430	48.06	32.95	5.10	37.18	48.93	74.00	-25.07	VERTICAL peak



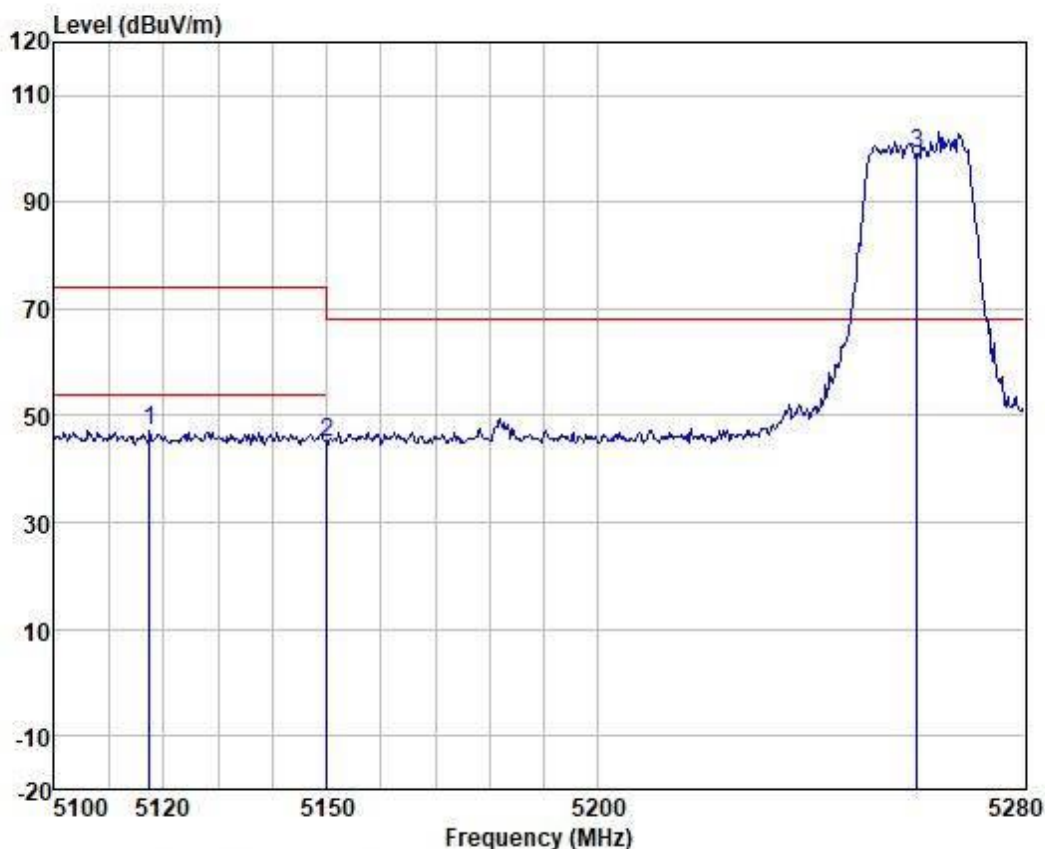
Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Loss	Factor	dBuV/m	Line	Limit		
		dBuV	dB			dBuV/m	dB		
1	5119.276	45.88	33.88	4.95	37.25	47.46	74.00	-26.54	HORIZONTAL peak
2	5150.000	44.56	33.79	4.96	37.23	46.08	68.20	-22.12	HORIZONTAL peak
3 *	5290.000	92.17	33.23	5.05	37.20	93.25	68.20	25.05	HORIZONTAL peak
4	5350.000	46.65	33.00	5.09	37.18	47.56	68.20	-20.64	HORIZONTAL peak
5	5363.395	46.74	32.95	5.10	37.18	47.61	74.00	-26.39	HORIZONTAL Peak

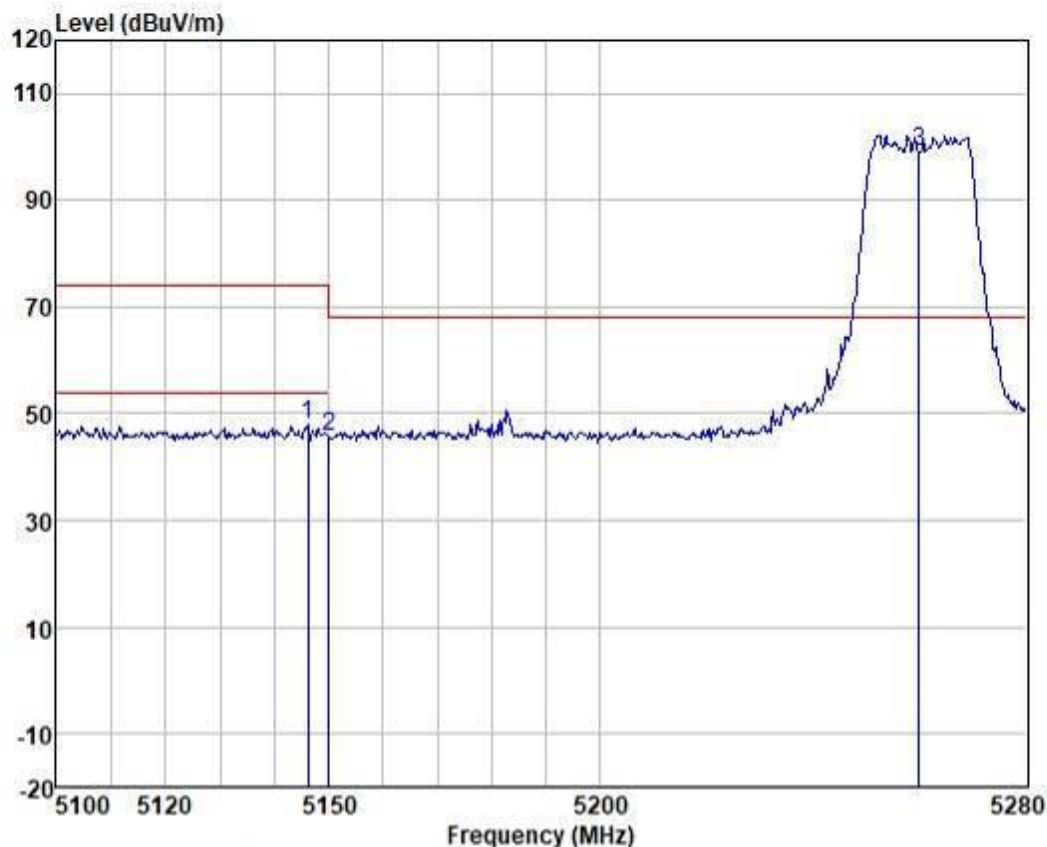


Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



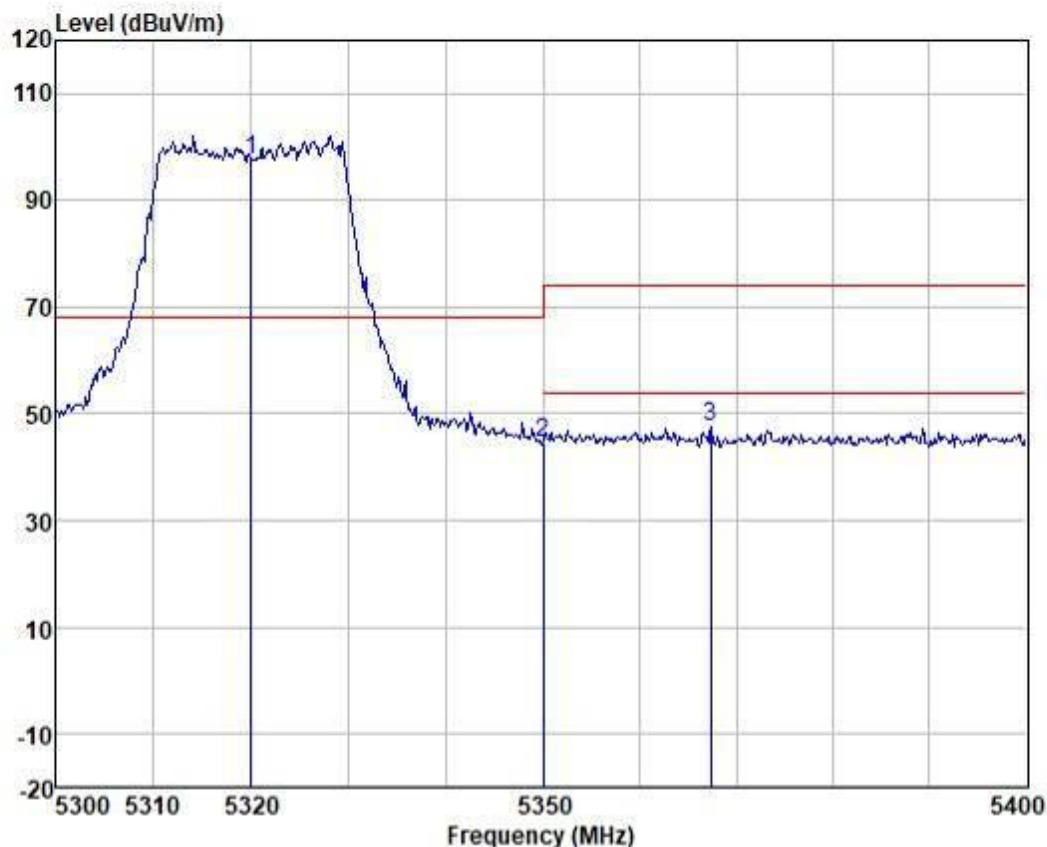
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5117.365	45.74	33.88	4.95	37.25	47.32	74.00	-26.68	VERTICAL peak
2	5150.000	43.33	33.79	4.96	37.23	44.85	68.20	-23.35	VERTICAL peak
3 *	5260.000	97.84	33.38	5.03	37.20	99.05	68.20	30.85	VERTICAL peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



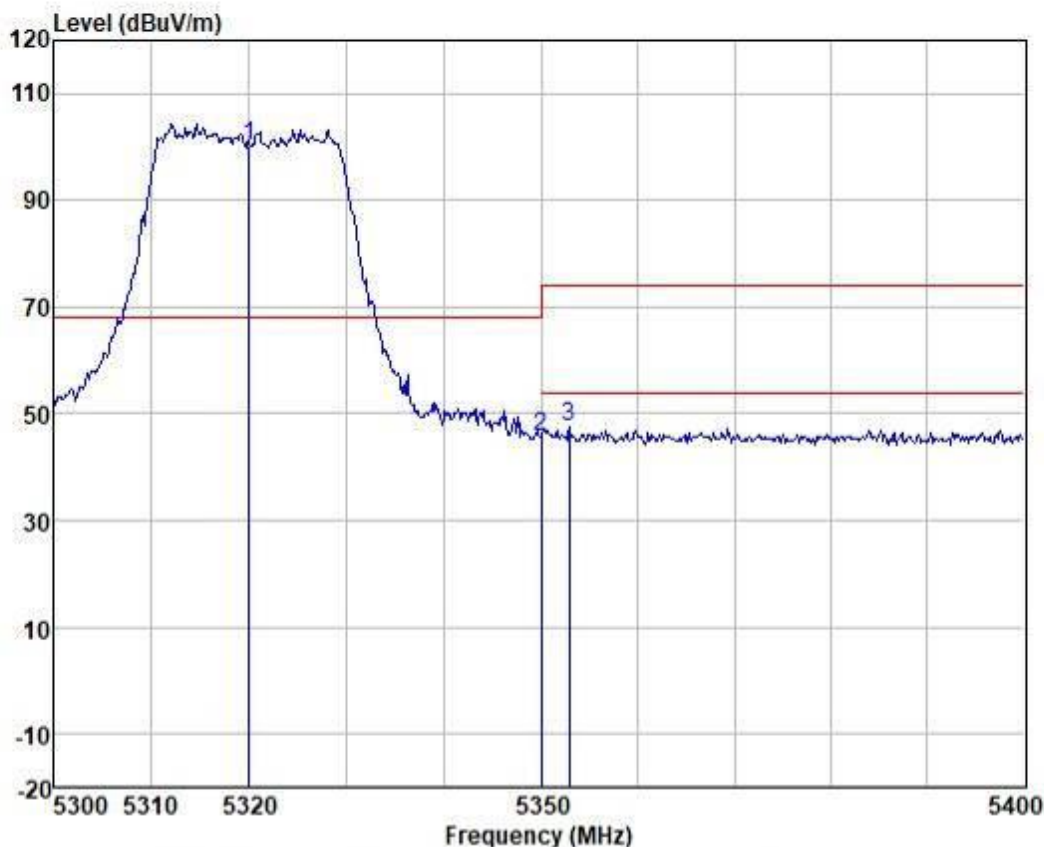
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	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5146.201	46.26	33.79	4.96	37.23	47.78	74.00	-26.22	HORIZONTAL peak
2	5150.000	44.02	33.79	4.96	37.23	45.54	68.20	-22.66	HORIZONTAL peak
3 *	5260.000	97.76	33.38	5.03	37.20	98.97	68.20	30.77	HORIZONTAL peak

Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Loss	Factor	dBuV/m	dBuV/m	Limit		
		dBuV	dB/m				dB		
1 *	5320.000	96.43	33.11	5.08	37.19	97.43	68.20	29.23	VERTICAL peak
2	5350.000	43.71	33.00	5.09	37.18	44.62	68.20	-23.58	VERTICAL peak
3	5367.295	46.58	32.95	5.10	37.18	47.45	74.00	-26.55	VERTICAL peak

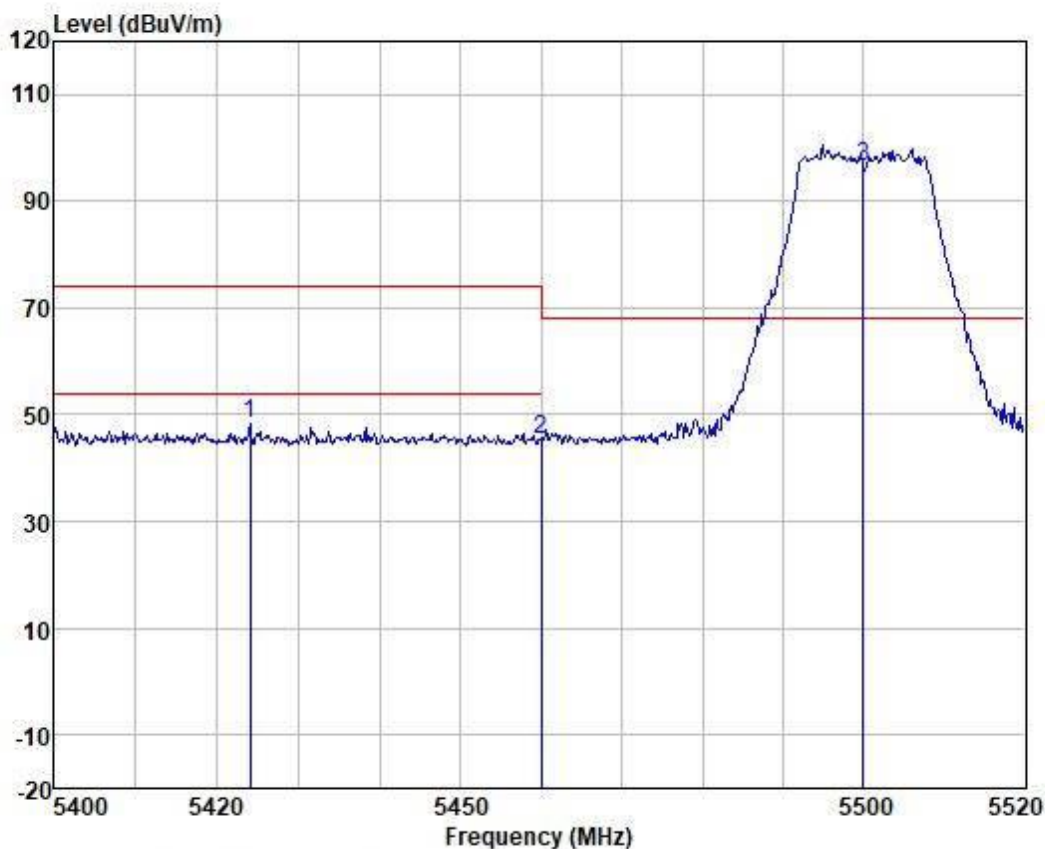
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5320.000	99.14	33.11	5.08	37.19	100.14	68.20	31.94	HORIZONTAL peak
2	5350.000	44.80	33.00	5.09	37.18	45.71	68.20	-22.49	HORIZONTAL peak
3	5352.867	46.76	33.00	5.09	37.18	47.67	74.00	-26.33	HORIZONTAL peak



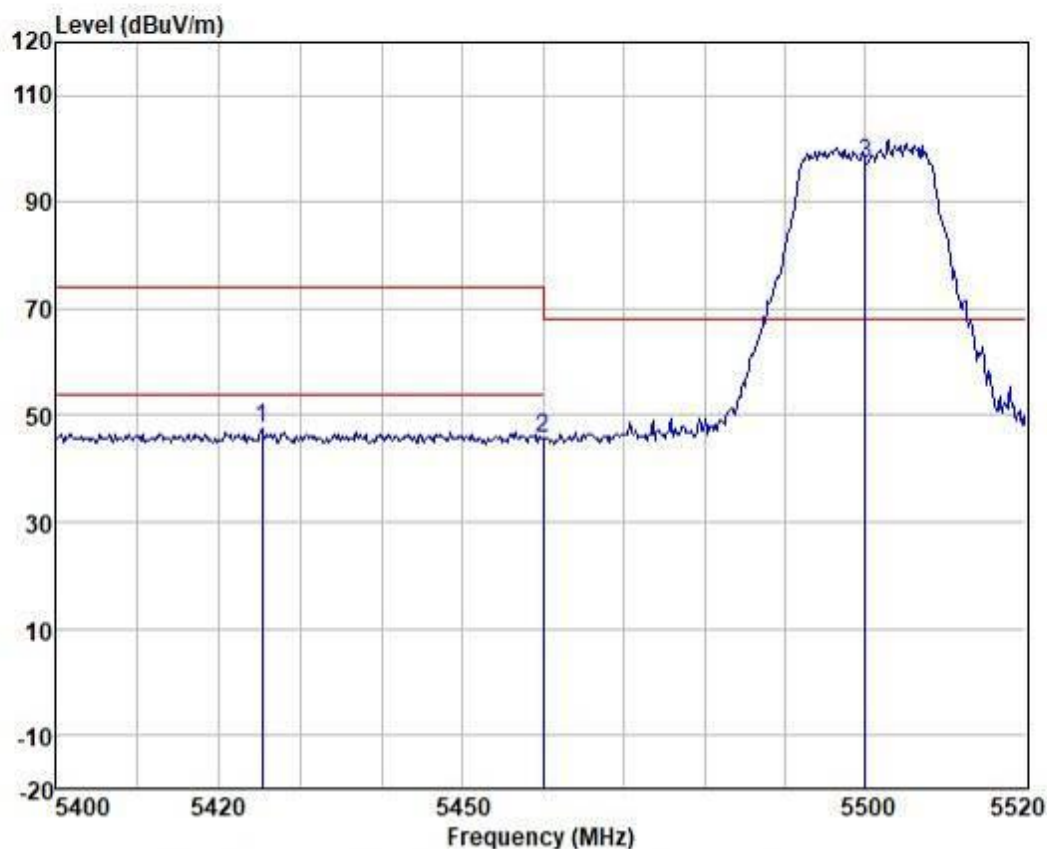
Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Limit	Over			
	MHz	Level	Loss	Factor	Line	Limit	Pol/Phase	Remark	
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dB		
1	5424.028	47.40	32.78	5.13	37.17	48.14	74.00	-25.86	VERTICAL peak
2	5460.000	44.76	32.71	5.14	37.16	45.45	68.20	-22.75	VERTICAL peak
3 *	5500.000	95.75	32.61	5.16	37.16	96.36	68.20	28.16	VERTICAL peak



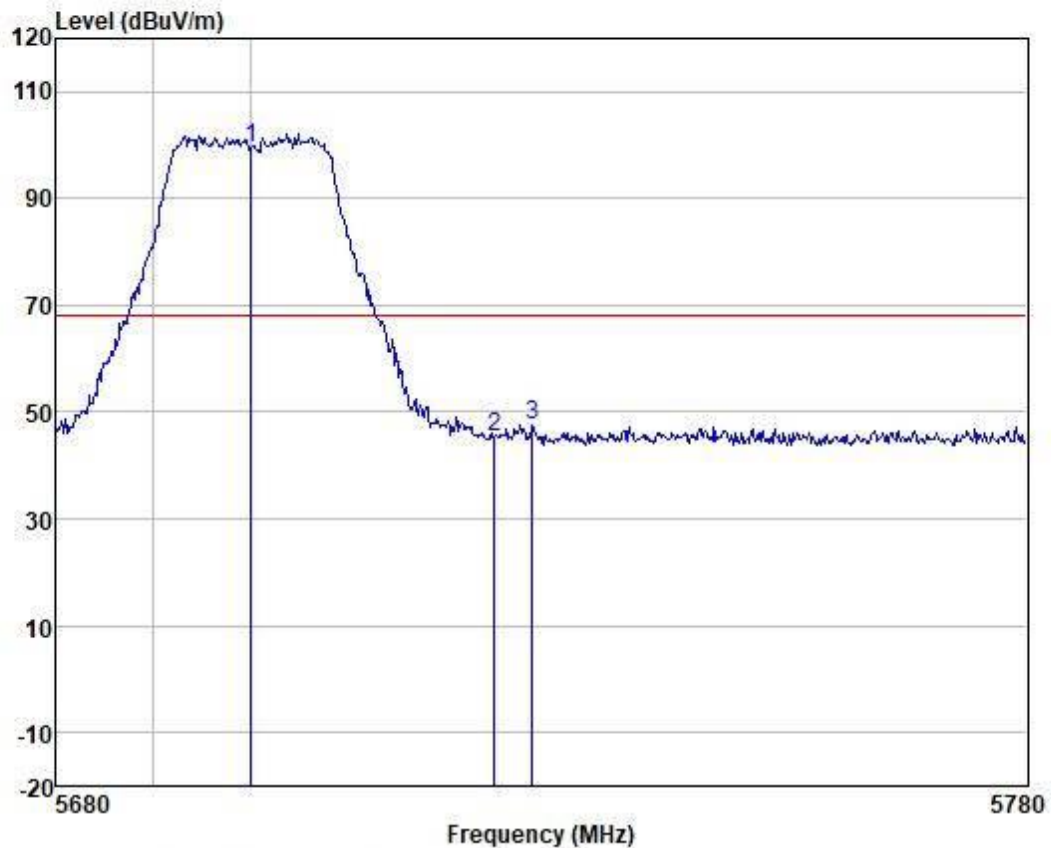
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5425.220	46.71	32.78	5.13	37.17	47.45	74.00	-26.55	HORIZONTAL peak
2	5460.000	45.03	32.71	5.14	37.16	45.72	68.20	-22.48	HORIZONTAL peak
3 *	5500.000	96.53	32.61	5.16	37.16	97.14	68.20	28.94	HORIZONTAL peak



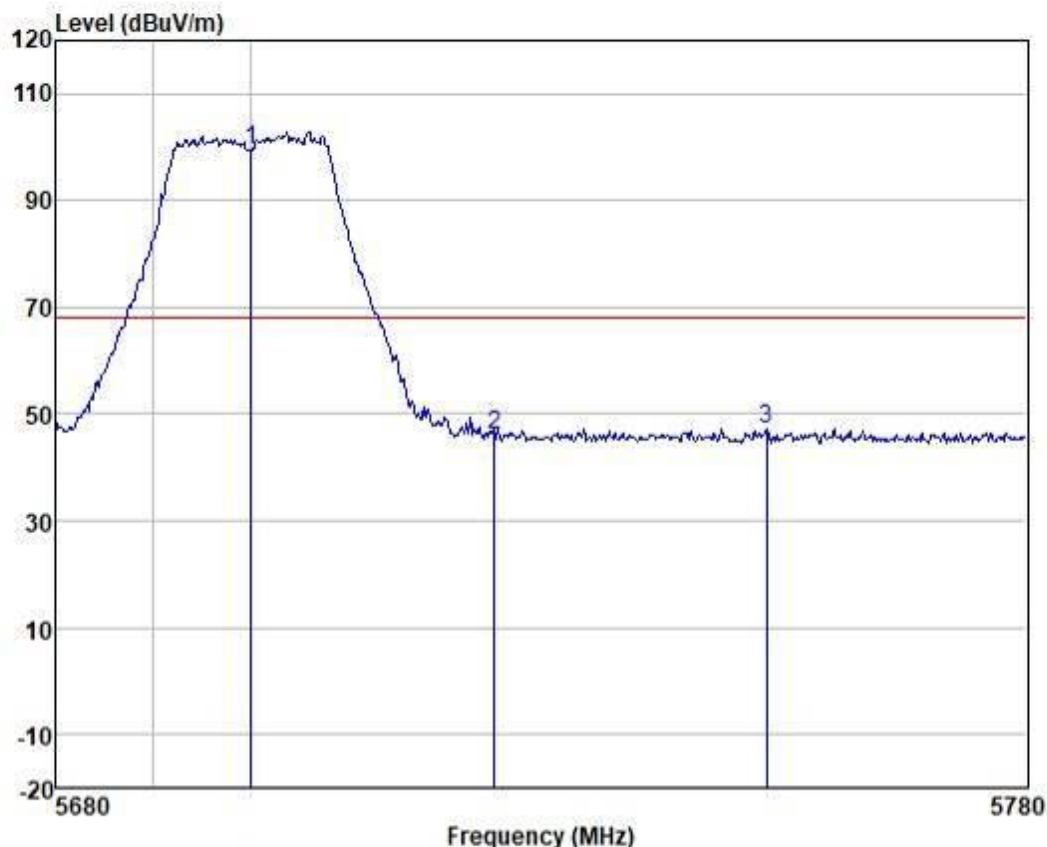
Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Loss	Factor	dBuV/m	dBuV/m	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dB		
1 *	5700.000	98.54	32.64	5.26	37.13	99.31	68.20	31.11	VERTICAL peak
2	5725.000	44.64	32.65	5.29	37.13	45.45	68.20	-22.75	VERTICAL peak
3	5728.882	46.85	32.65	5.29	37.13	47.66	68.20	-20.54	VERTICAL peak

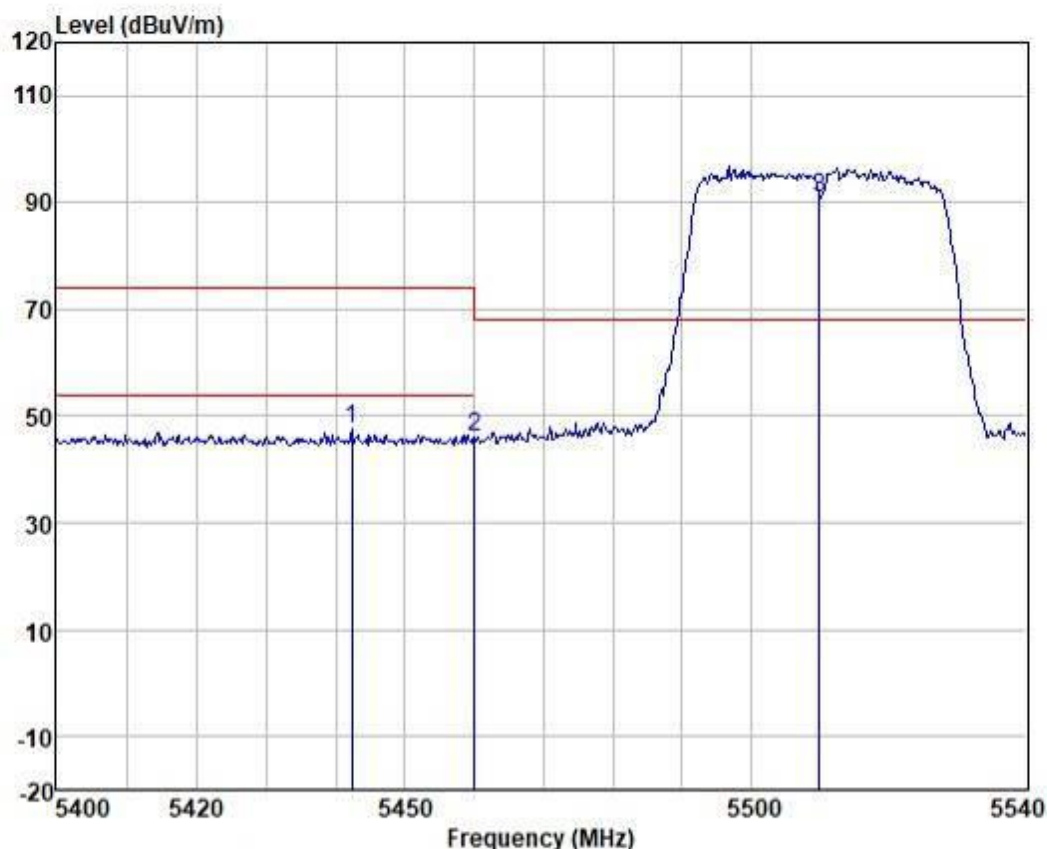


Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5700.000	98.58	32.64	5.26	37.13	99.35	68.20	31.15	HORIZONTAL peak
2	5725.000	45.36	32.65	5.29	37.13	46.17	68.20	-22.03	HORIZONTAL peak
3	5753.129	46.40	32.65	5.30	37.12	47.23	68.20	-20.97	HORIZONTAL peak

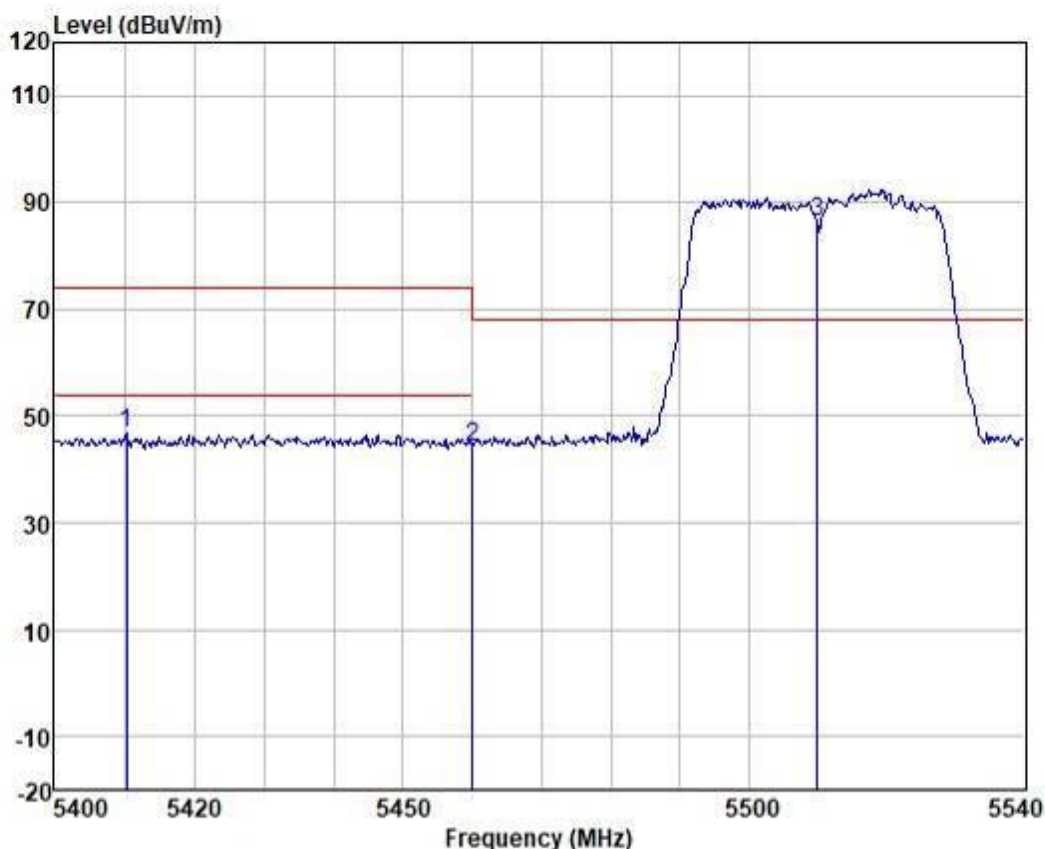
Test Mode: 03; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5442.321	46.70	32.74	5.14	37.17	47.41	74.00	-26.59	VERTICAL peak
2	5460.000	45.29	32.71	5.14	37.16	45.98	68.20	-22.22	VERTICAL peak
3 *	5510.000	90.41	32.61	5.16	37.16	91.02	68.20	22.82	VERTICAL peak



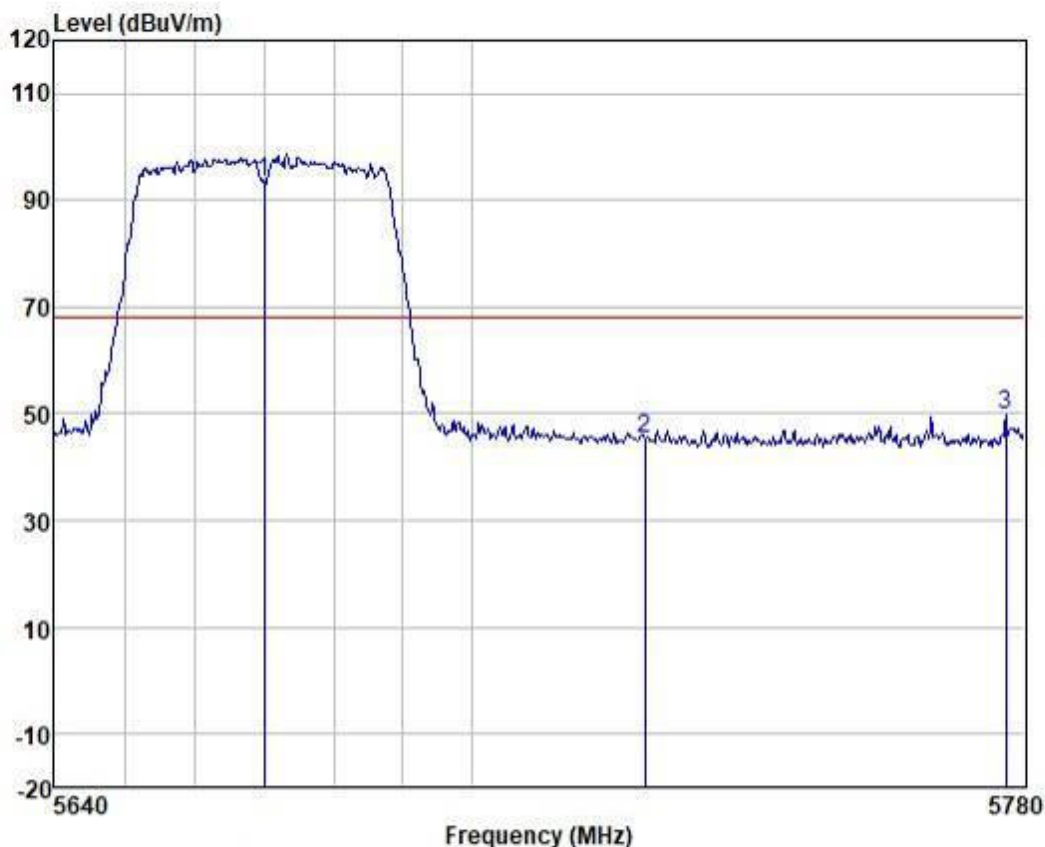
Test Mode: 03; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5410.376	46.02	32.82	5.12	37.17	46.79	74.00	-27.21	HORIZONTAL peak
2	5460.000	43.46	32.71	5.14	37.16	44.15	68.20	-24.05	HORIZONTAL peak
3 *	5510.000	85.73	32.61	5.16	37.16	86.34	68.20	18.14	HORIZONTAL peak



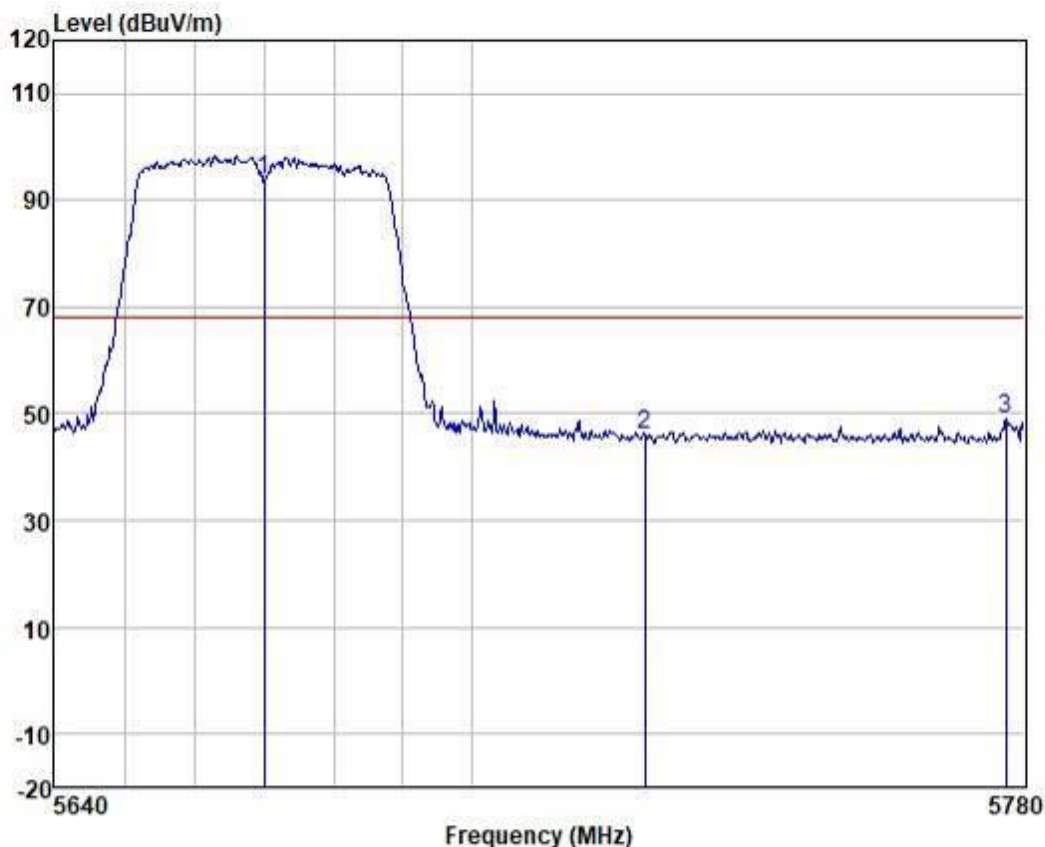
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5670.000	92.93	32.64	5.24	37.13	93.68	68.20	25.48	VERTICAL peak
2	5725.000	44.34	32.65	5.29	37.13	45.15	68.20	-23.05	VERTICAL peak
3	5777.450	49.08	32.66	5.33	37.12	49.95	68.20	-18.25	VERTICAL peak



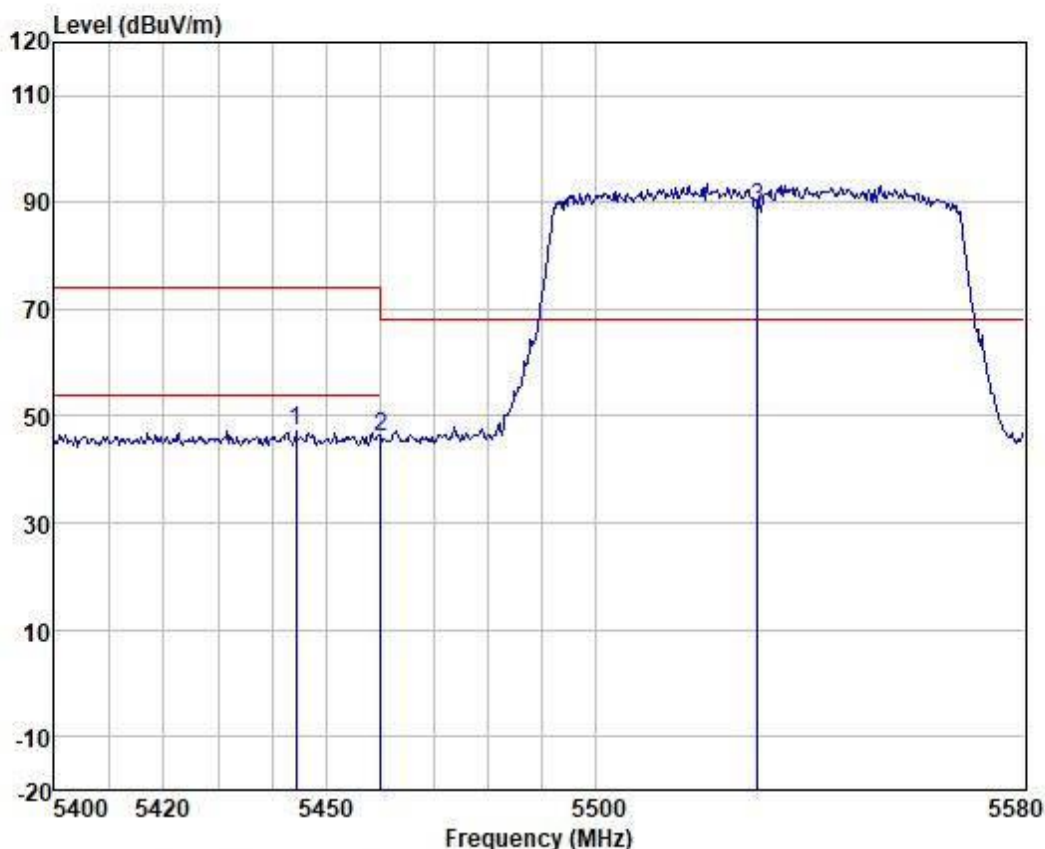
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5670.000	93.25	32.64	5.24	37.13	94.00	68.20	25.80	HORIZONTAL peak
2	5725.000	45.18	32.65	5.29	37.13	45.99	68.20	-22.21	HORIZONTAL peak
3	5777.450	48.29	32.66	5.33	37.12	49.16	68.20	-19.04	HORIZONTAL peak



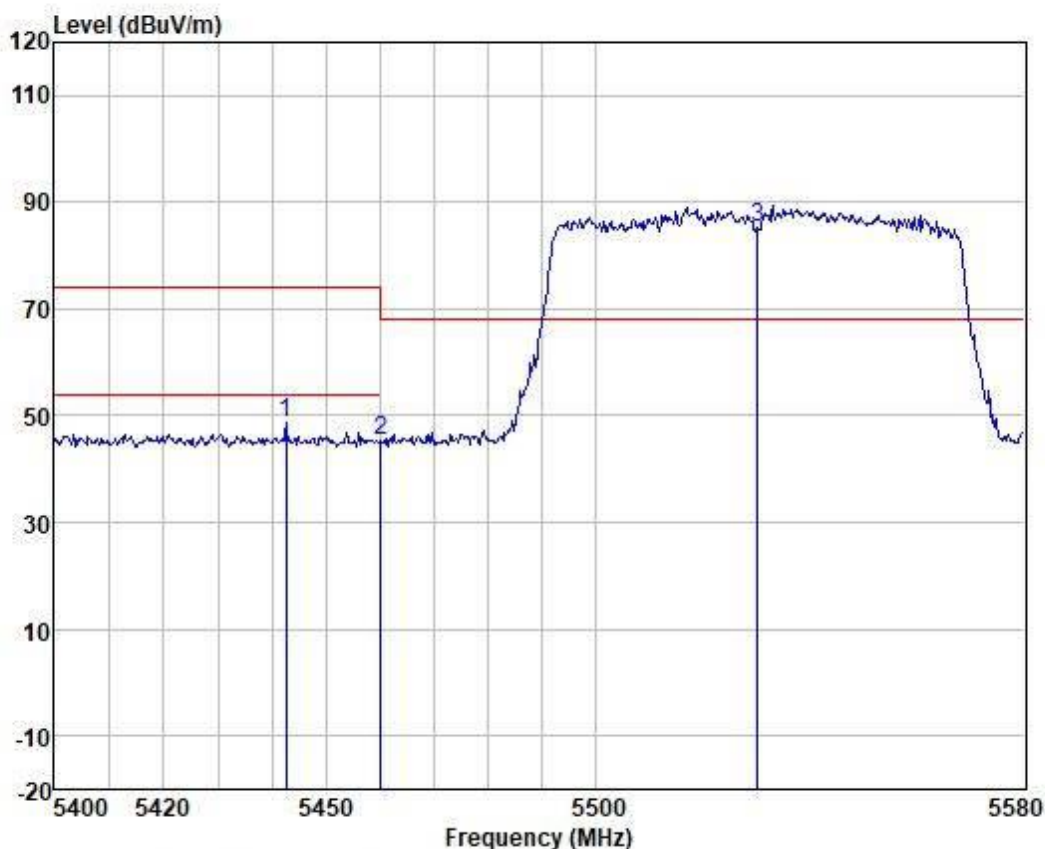
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	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5444.448	46.37	32.74	5.14	37.17	47.08	74.00	-26.92	VERTICAL peak
2	5460.000	45.25	32.71	5.14	37.16	45.94	68.20	-22.26	VERTICAL peak
3 *	5530.000	88.27	32.61	5.17	37.15	88.90	68.20	20.70	VERTICAL peak

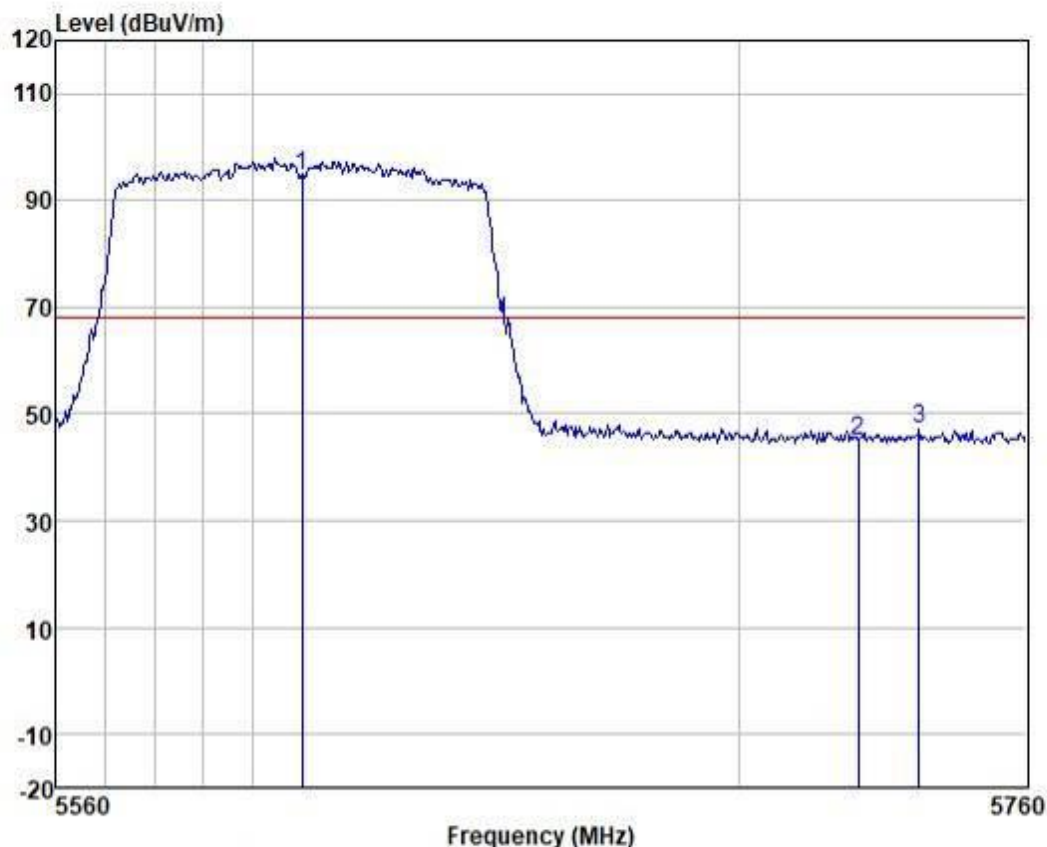


Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



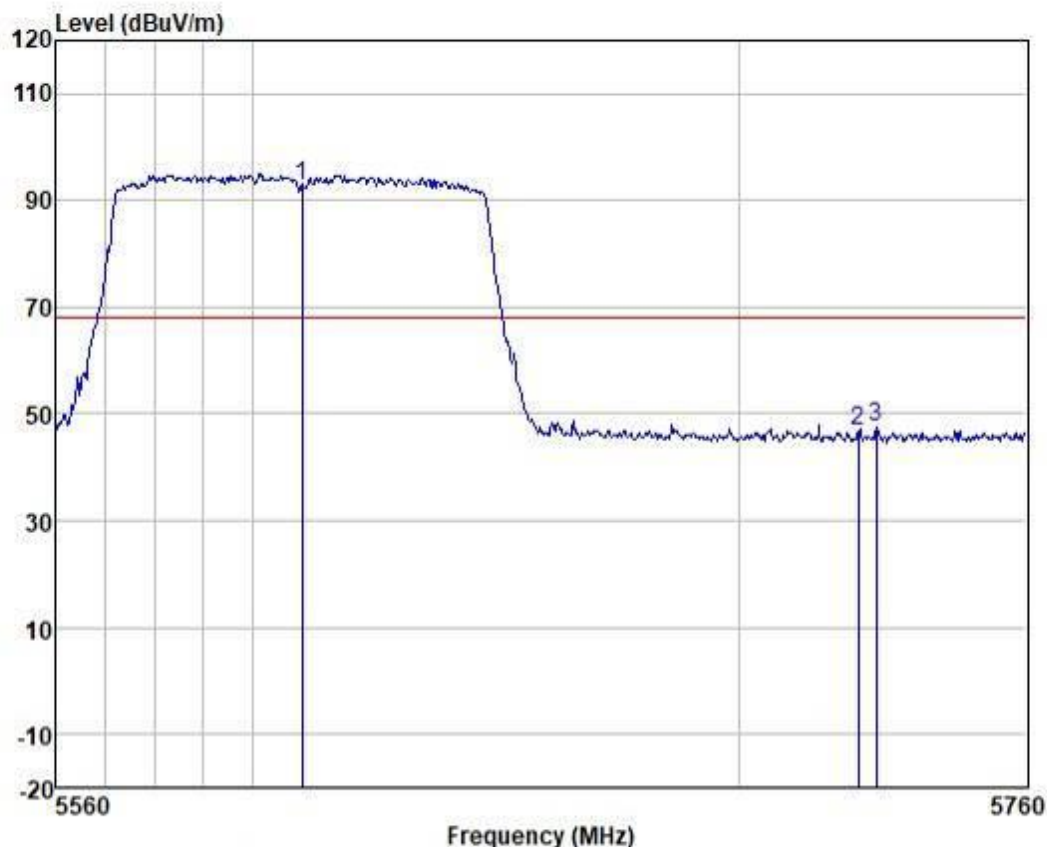
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	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5442.485	47.85	32.74	5.14	37.17	48.56	74.00	-25.44	HORIZONTAL peak
2	5460.000	44.48	32.71	5.14	37.16	45.17	68.20	-23.03	HORIZONTAL peak
3 *	5530.000	84.58	32.61	5.17	37.15	85.21	68.20	17.01	HORIZONTAL peak

Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5610.000	93.95	32.63	5.21	37.14	94.65	68.20	26.45	VERTICAL peak
2	5725.000	44.22	32.65	5.29	37.13	45.03	68.20	-23.17	VERTICAL peak
3	5737.652	46.23	32.65	5.29	37.13	47.04	68.20	-21.16	VERTICAL peak

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5610.000	91.90	32.63	5.21	37.14	92.60	68.20	24.40	HORIZONTAL peak
2	5725.000	46.07	32.65	5.29	37.13	46.88	68.20	-21.32	HORIZONTAL peak
3	5728.738	46.60	32.65	5.29	37.13	47.41	68.20	-20.79	HORIZONTAL peak



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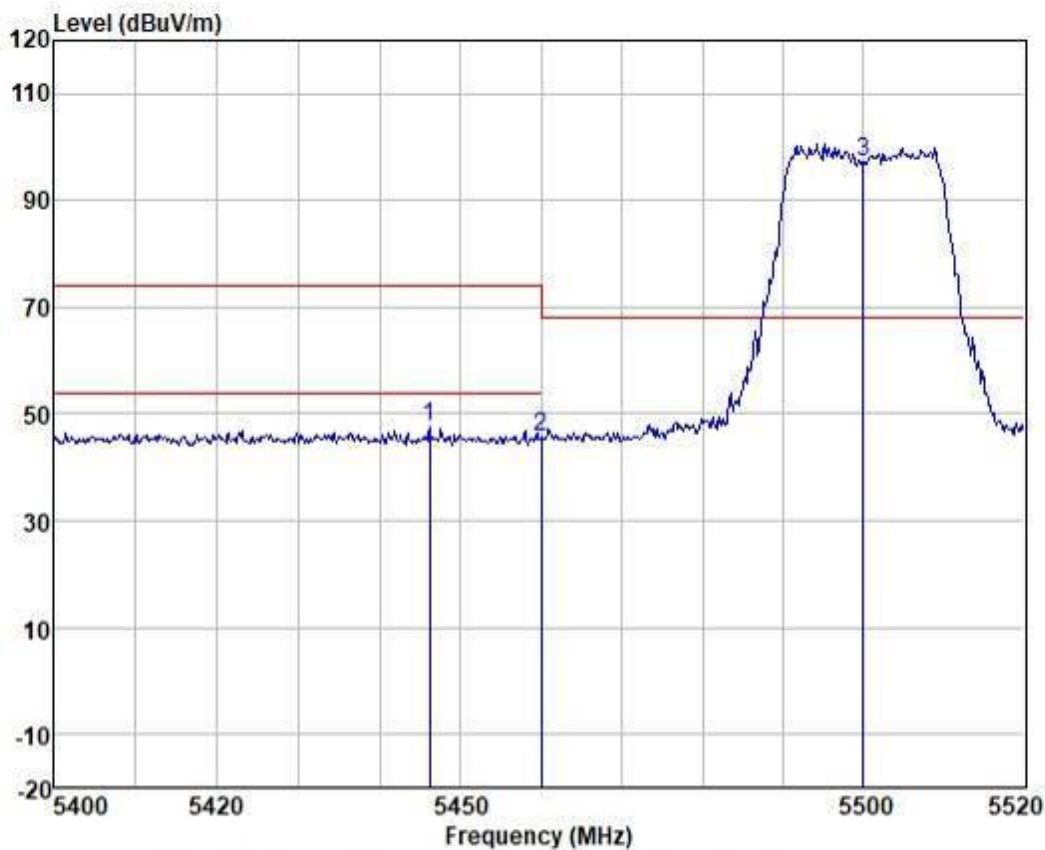
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No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
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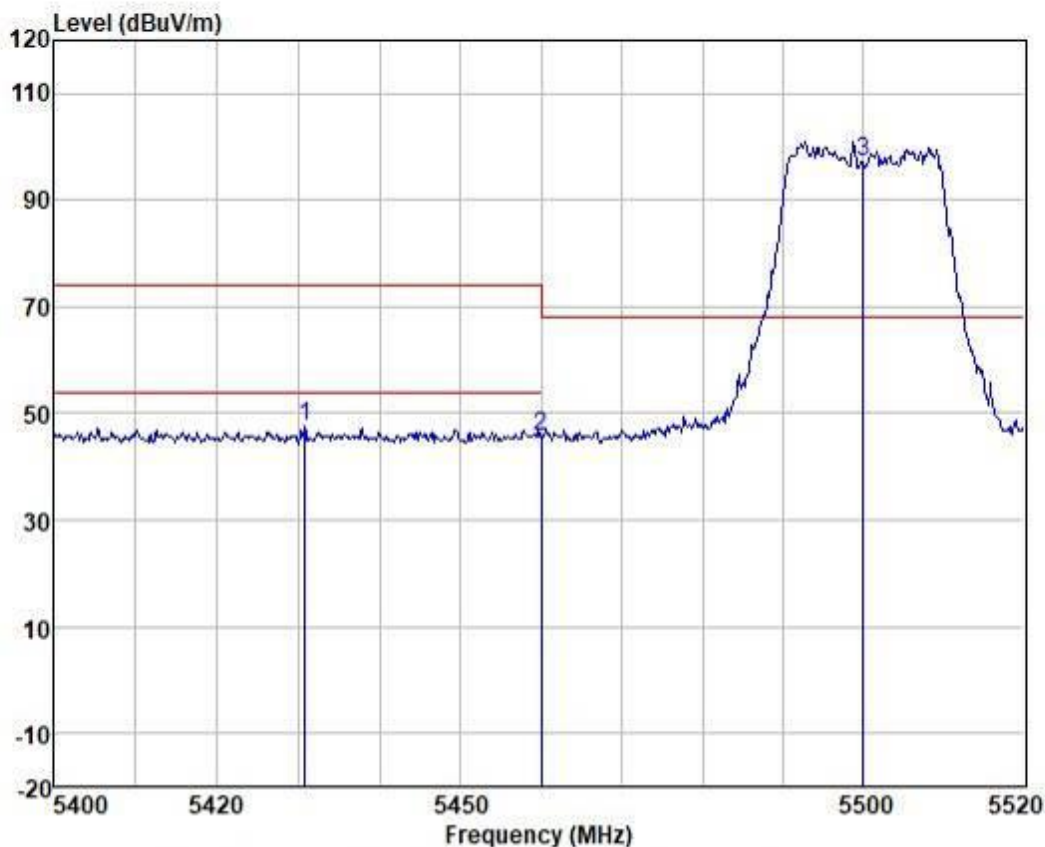
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5446.127	46.91	32.74	5.14	37.16	47.63	74.00	-26.37	VERTICAL peak
2	5460.000	44.86	32.71	5.14	37.16	45.55	68.20	-22.65	VERTICAL peak
3 *	5500.000	96.61	32.61	5.16	37.16	97.22	68.20	29.02	VERTICAL peak



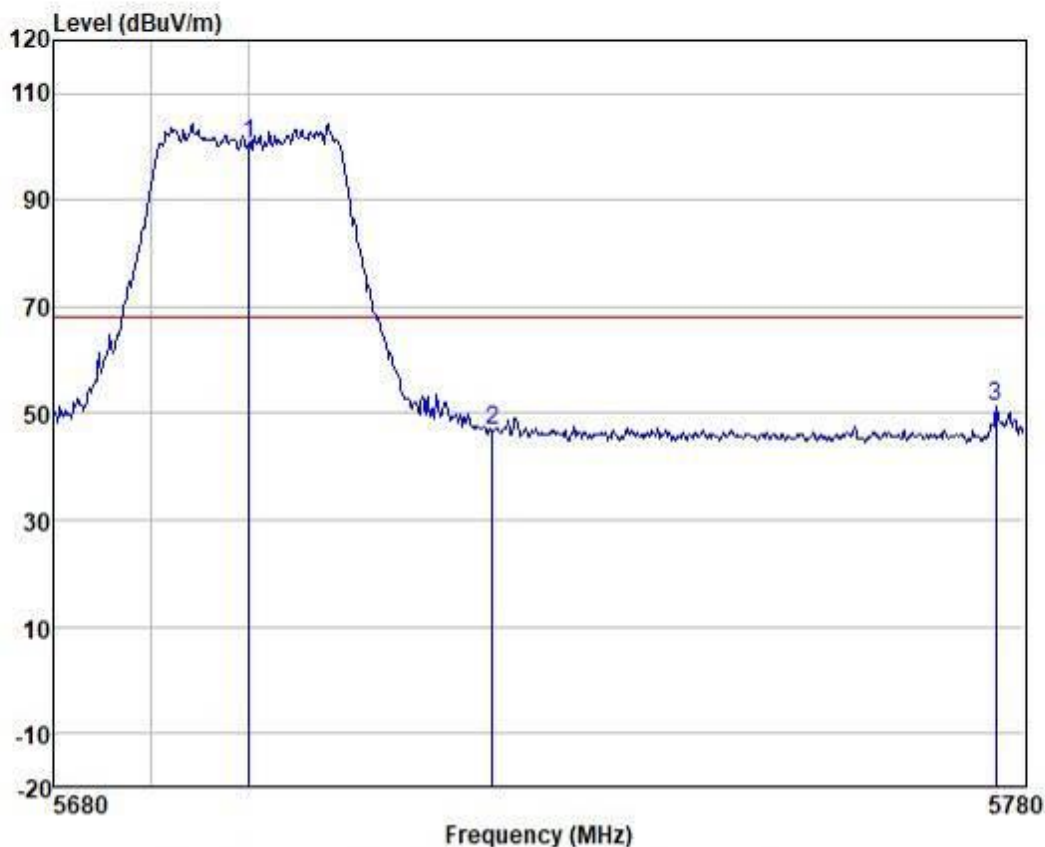
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5430.827	46.93	32.78	5.13	37.17	47.67	74.00	-26.33	HORIZONTAL peak
2	5460.000	45.04	32.71	5.14	37.16	45.73	68.20	-22.47	HORIZONTAL peak
3 *	5500.000	96.50	32.61	5.16	37.16	97.11	68.20	28.91	HORIZONTAL peak



Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



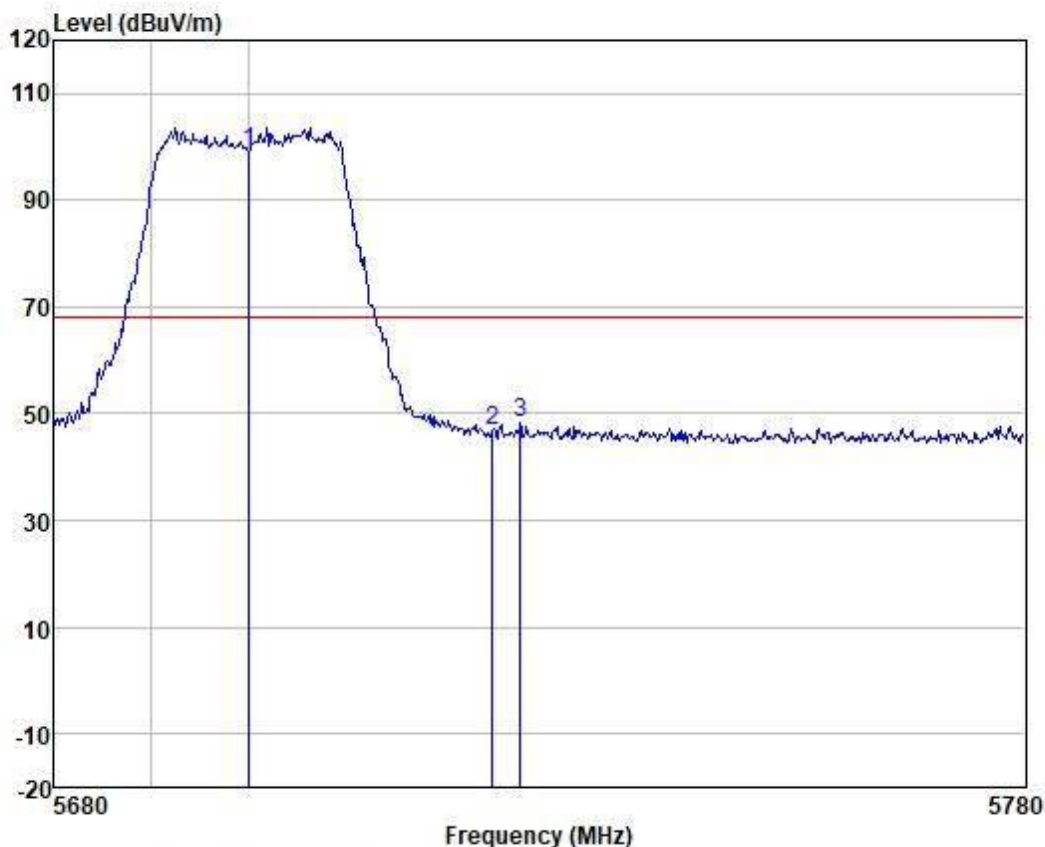
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5700.000	99.86	32.64	5.26	37.13	100.63	68.20	32.43	VERTICAL peak
2	5725.000	45.97	32.65	5.29	37.13	46.78	68.20	-21.42	VERTICAL peak
3	5777.176	50.46	32.66	5.33	37.12	51.33	68.20	-16.87	VERTICAL peak



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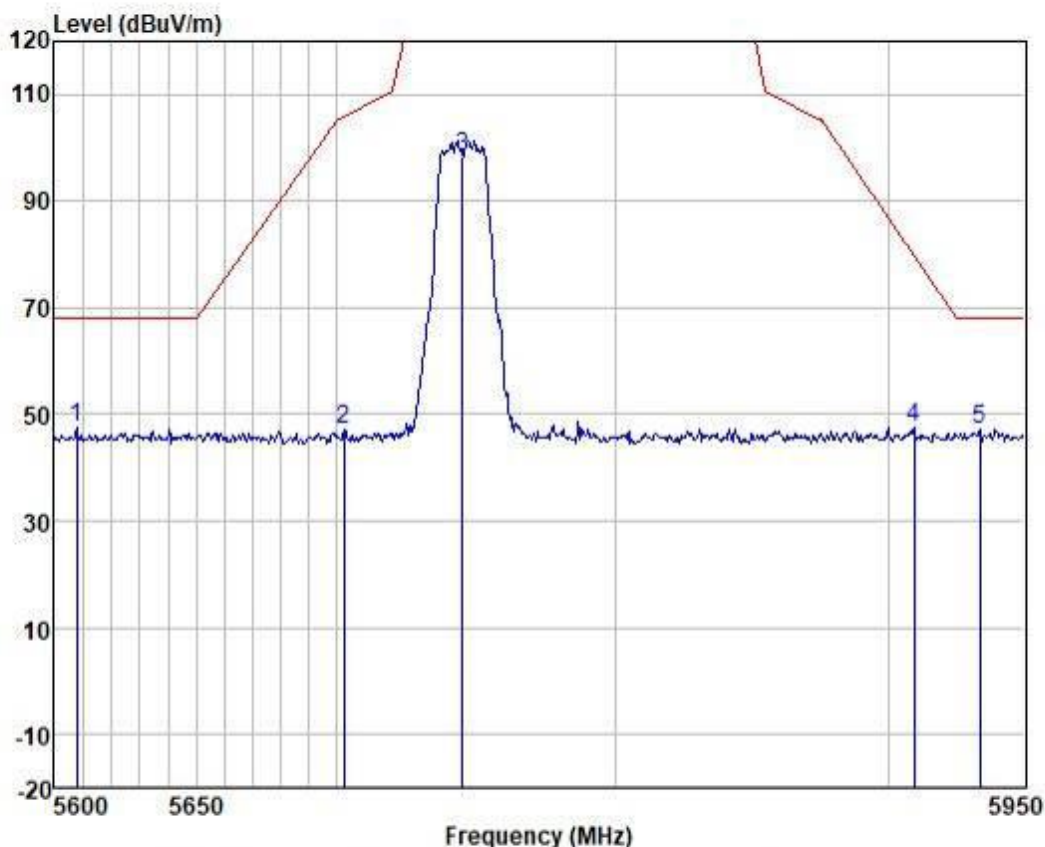
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over		
	MHz	Level	Loss	Factor	dBuV/m	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dB		
1 *	5700.000	98.37	32.64	5.26	37.13	99.14	68.20	30.94	HORIZONTAL peak
2	5725.000	45.98	32.65	5.29	37.13	46.79	68.20	-21.41	HORIZONTAL peak
3	5727.882	47.65	32.65	5.29	37.13	48.46	68.20	-19.74	HORIZONTAL peak



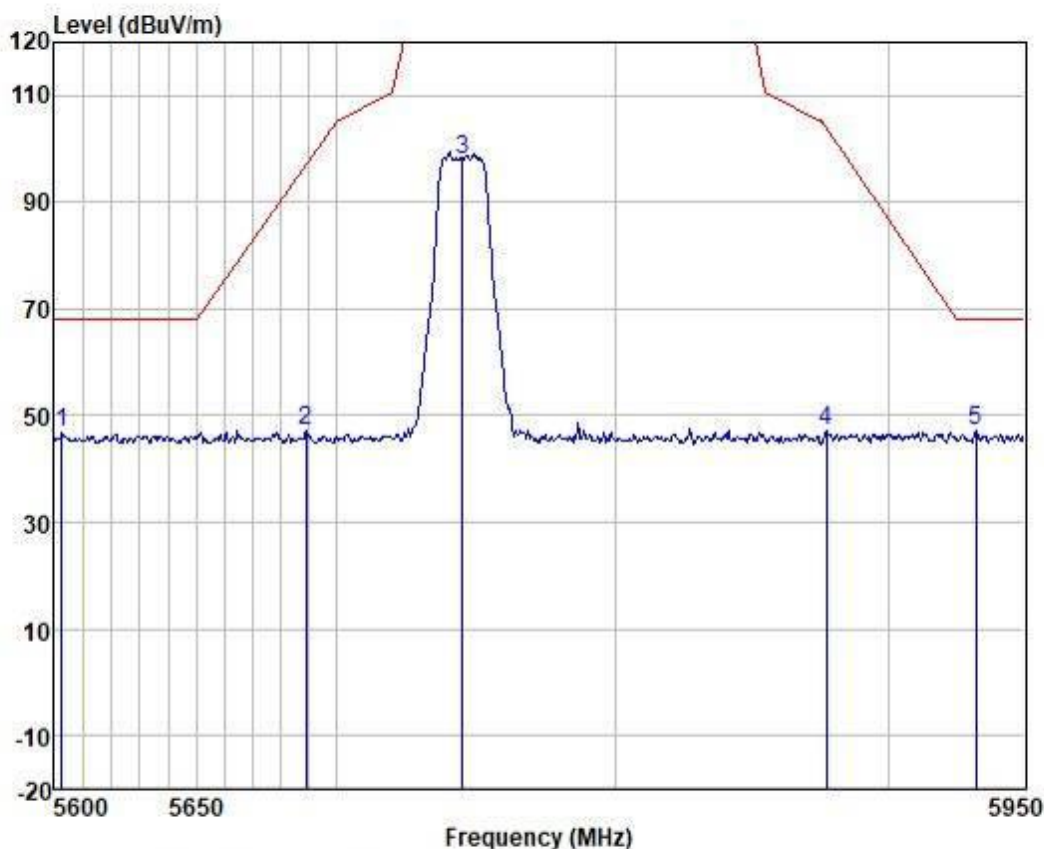
Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



	ReadAntenna	Cable	Preamp		Limit	Over			
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 5607.814	46.95	32.63	5.21	37.14	47.65	68.20	-20.55	VERTICAL	peak
2 5702.436	46.35	32.64	5.26	37.13	47.12	105.88	-58.76	VERTICAL	peak
3 5745.000	97.35	32.65	5.30	37.13	98.17	125.20	-27.03	VERTICAL	peak
4 5909.378	46.68	32.69	5.41	37.11	47.67	79.75	-32.08	VERTICAL	peak
5 5933.790	46.10	32.69	5.41	37.11	47.09	68.20	-21.11	VERTICAL	peak



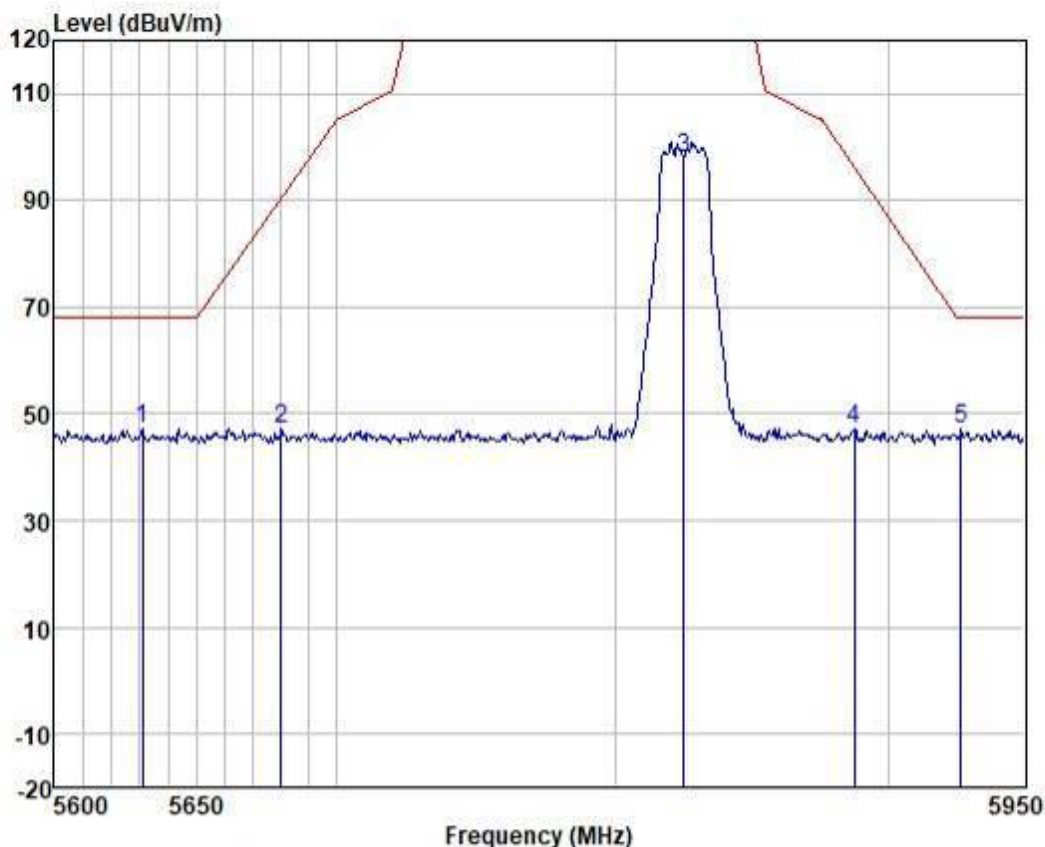
Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5602.717	45.98	32.62	5.20	37.14	46.66	68.20	-21.54	HORIZONTAL peak
2	5688.969	46.61	32.64	5.25	37.13	47.37	97.07	-49.70	HORIZONTAL peak
3	5745.000	97.16	32.65	5.30	37.13	97.98	125.20	-27.22	HORIZONTAL peak
4	5877.223	46.24	32.68	5.39	37.11	47.20	103.62	-56.42	HORIZONTAL peak
5	5932.351	46.25	32.69	5.41	37.11	47.24	68.20	-20.96	HORIZONTAL peak



Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



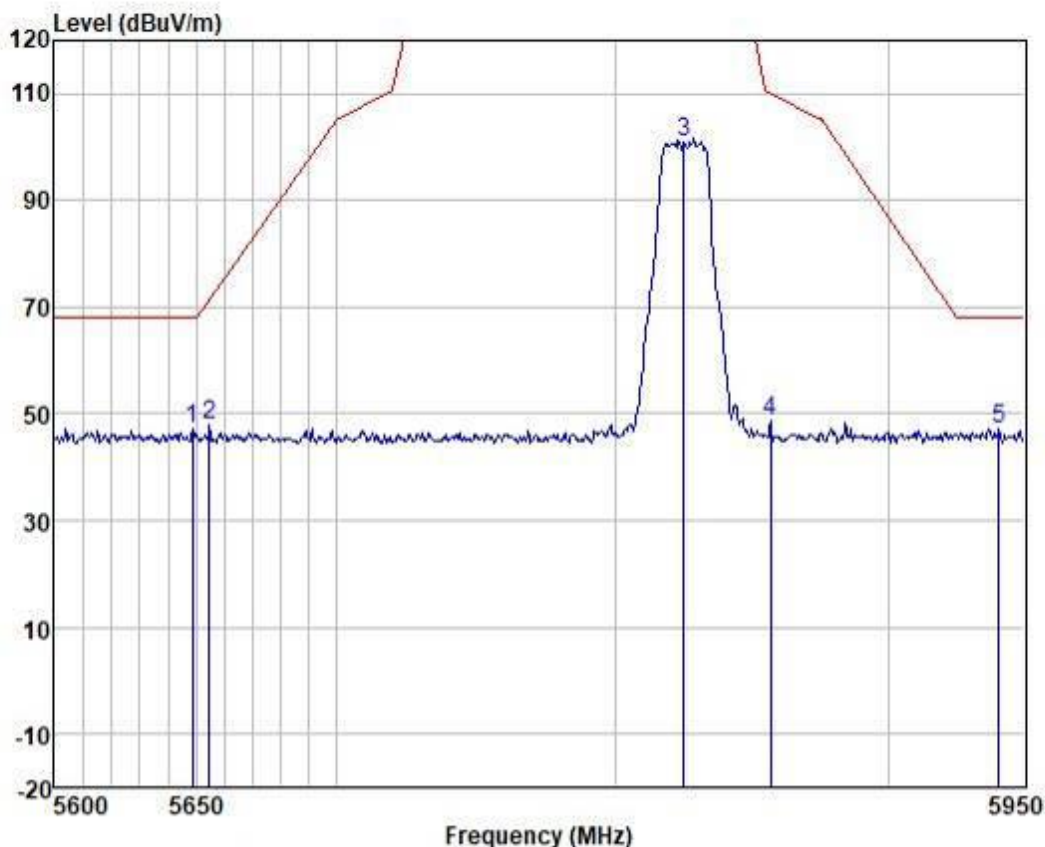
	Freq	ReadAntenna	Cable Preamp	Limit	Over					
	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark	
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5630.979	46.49	32.63	5.22	37.14	47.20	68.20	-21.00	VERTICAL	peak
2	5680.009	46.47	32.64	5.25	37.13	47.23	90.45	-43.22	VERTICAL	peak
3	5825.000	97.01	32.67	5.36	37.12	97.92	125.20	-27.28	VERTICAL	peak
4	5887.565	46.26	32.68	5.39	37.11	47.22	95.92	-48.70	VERTICAL	peak
5	5926.959	46.21	32.69	5.41	37.11	47.20	68.20	-21.00	VERTICAL	peak



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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



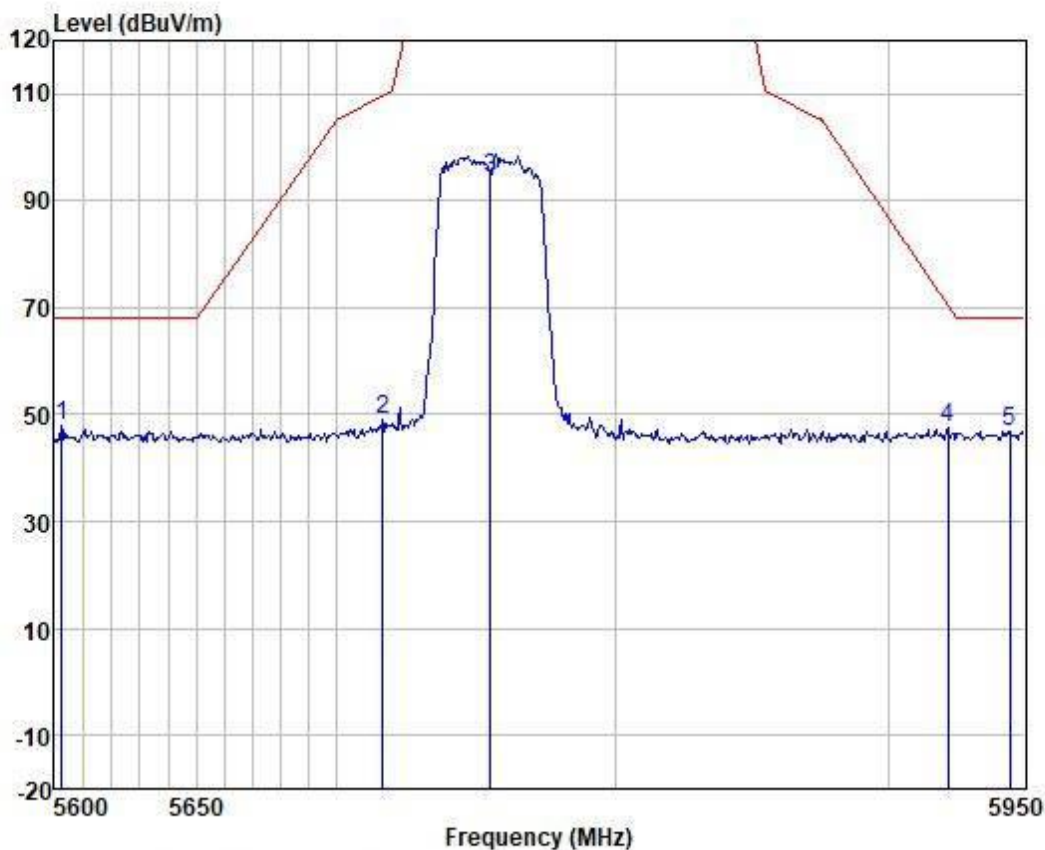
	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5648.417	46.63	32.63	5.23	37.14	47.35	68.20	-20.85	HORIZONTAL	peak
2	5654.584	47.33	32.63	5.23	37.14	48.05	71.61	-23.56	HORIZONTAL	peak
3	5825.000	99.90	32.67	5.36	37.12	100.81	125.20	-24.39	HORIZONTAL	peak
4	5856.594	47.78	32.68	5.38	37.11	48.73	110.35	-61.62	HORIZONTAL	peak
5	5940.989	46.24	32.69	5.41	37.10	47.24	68.20	-20.96	HORIZONTAL	peak



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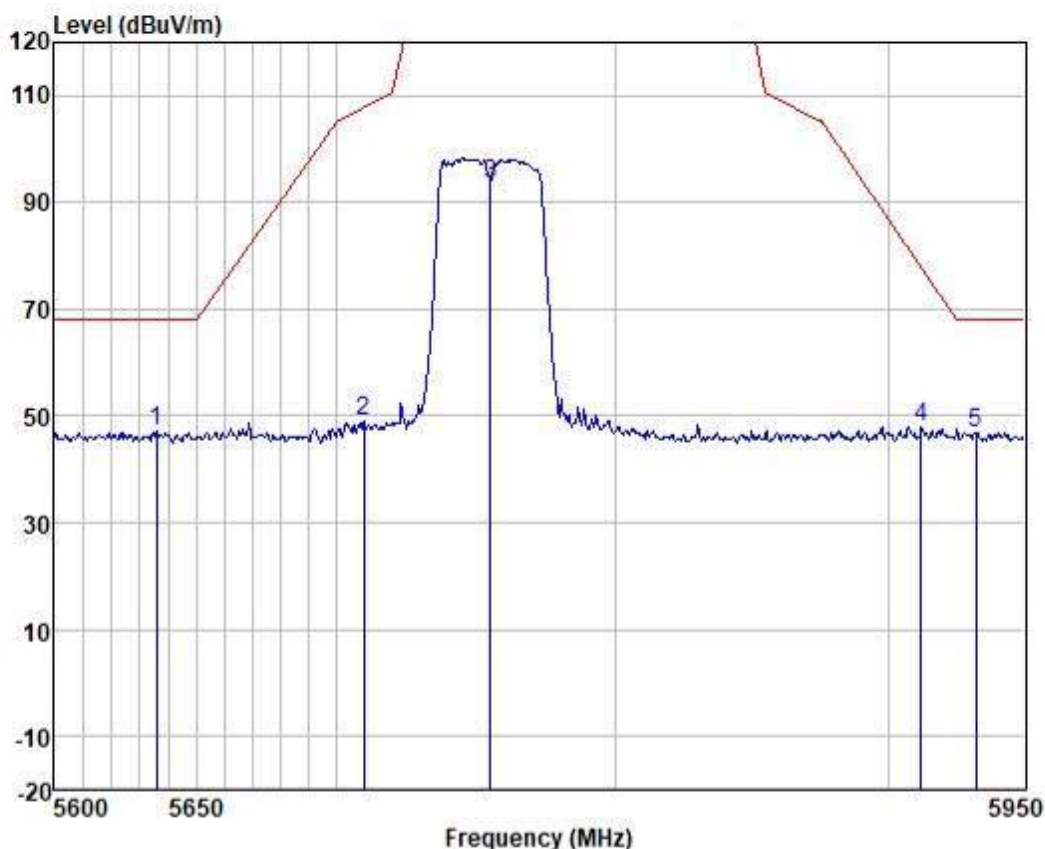
Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5602.717	47.26	32.62	5.20	37.14	47.94	68.20	-20.26	VERTICAL peak
2	5716.281	48.16	32.65	5.27	37.13	48.95	109.76	-60.81	VERTICAL peak
3	5755.000	93.37	32.65	5.30	37.12	94.20	125.20	-31.00	VERTICAL peak
4	5921.931	46.55	32.69	5.41	37.11	47.54	70.47	-22.93	VERTICAL peak
5	5944.952	45.79	32.69	5.42	37.10	46.80	68.20	-21.40	VERTICAL peak



Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



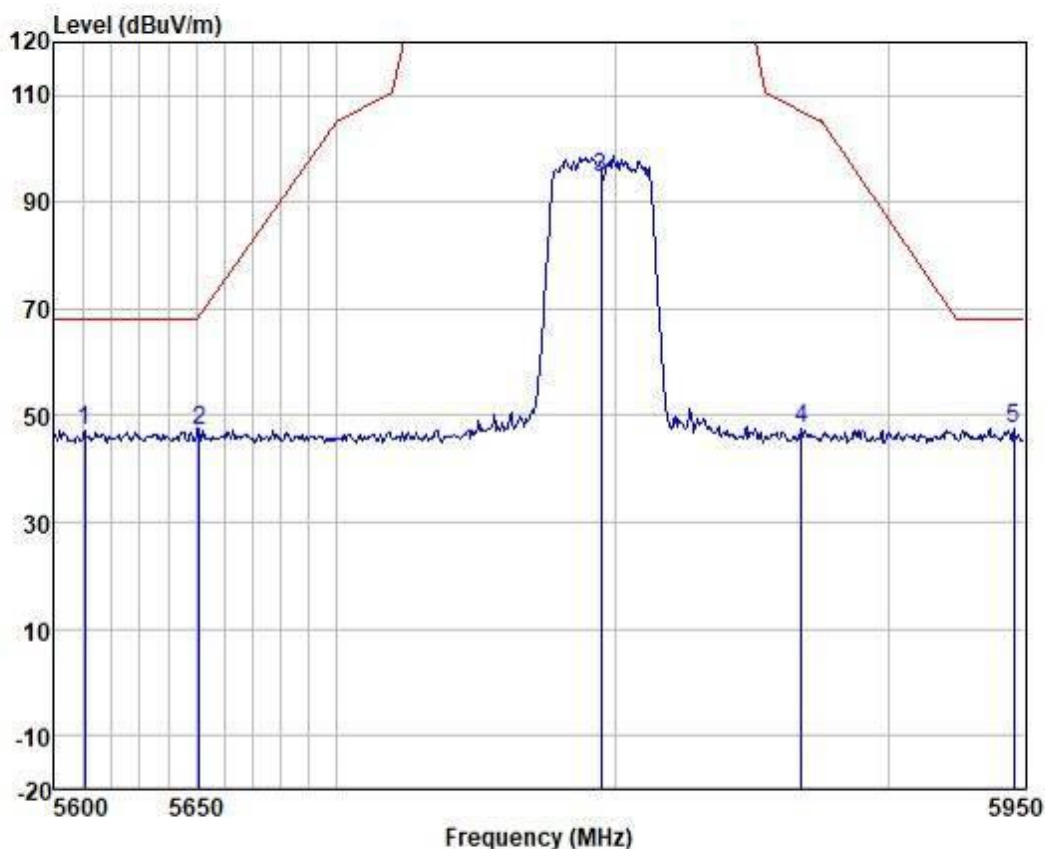
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5635.761	46.54	32.63	5.22	37.14	47.25	68.20	-20.95	HORIZONTAL peak
2	5709.354	48.18	32.65	5.27	37.13	48.97	107.82	-58.85	HORIZONTAL peak
3	5755.000	92.61	32.65	5.30	37.12	93.44	125.20	-31.76	HORIZONTAL peak
4	5912.245	47.12	32.69	5.41	37.11	48.11	77.63	-29.52	HORIZONTAL peak
5	5932.351	45.95	32.69	5.41	37.11	46.94	68.20	-21.26	HORIZONTAL peak



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Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



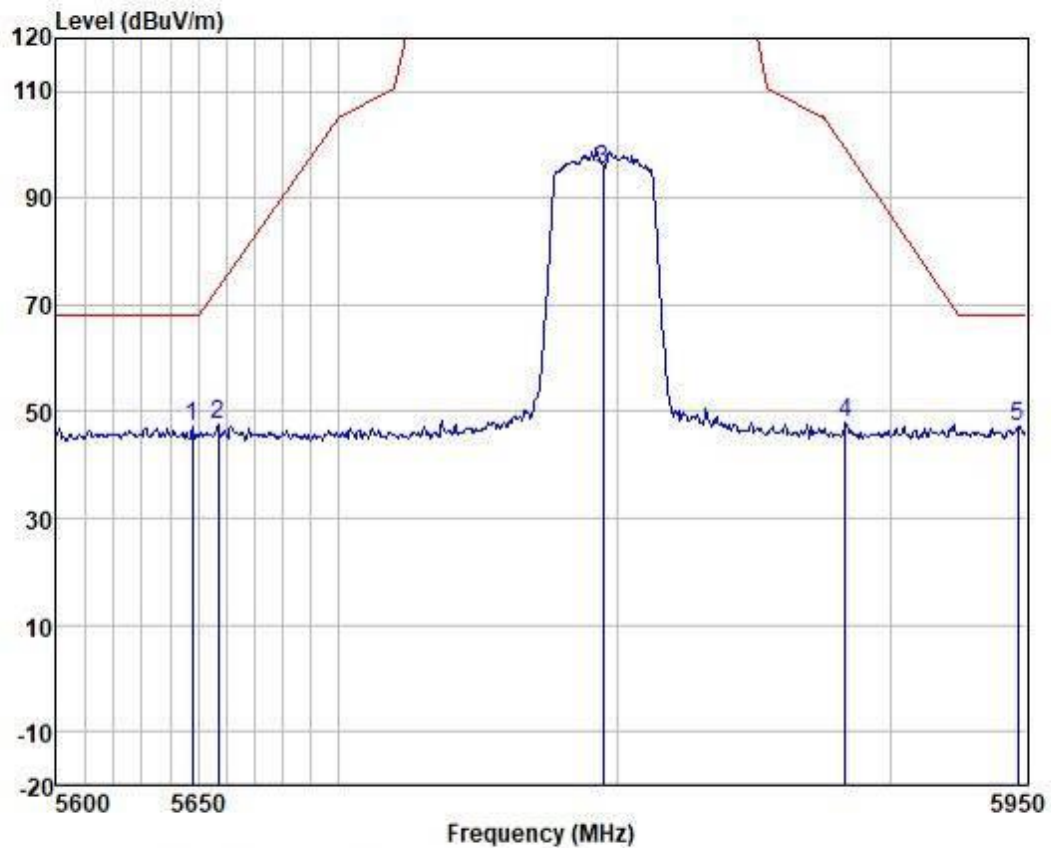
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5610.534	46.60	32.63	5.21	37.14	47.30	68.20	-20.90	VERTICAL peak
2	5651.157	46.57	32.63	5.23	37.14	47.29	69.06	-21.77	VERTICAL peak
3	5795.000	93.59	32.67	5.34	37.12	94.48	125.20	-30.72	VERTICAL peak
4	5867.967	46.49	32.68	5.38	37.11	47.44	107.17	-59.73	VERTICAL peak
5	5946.394	46.52	32.69	5.42	37.10	47.53	68.20	-20.67	VERTICAL peak



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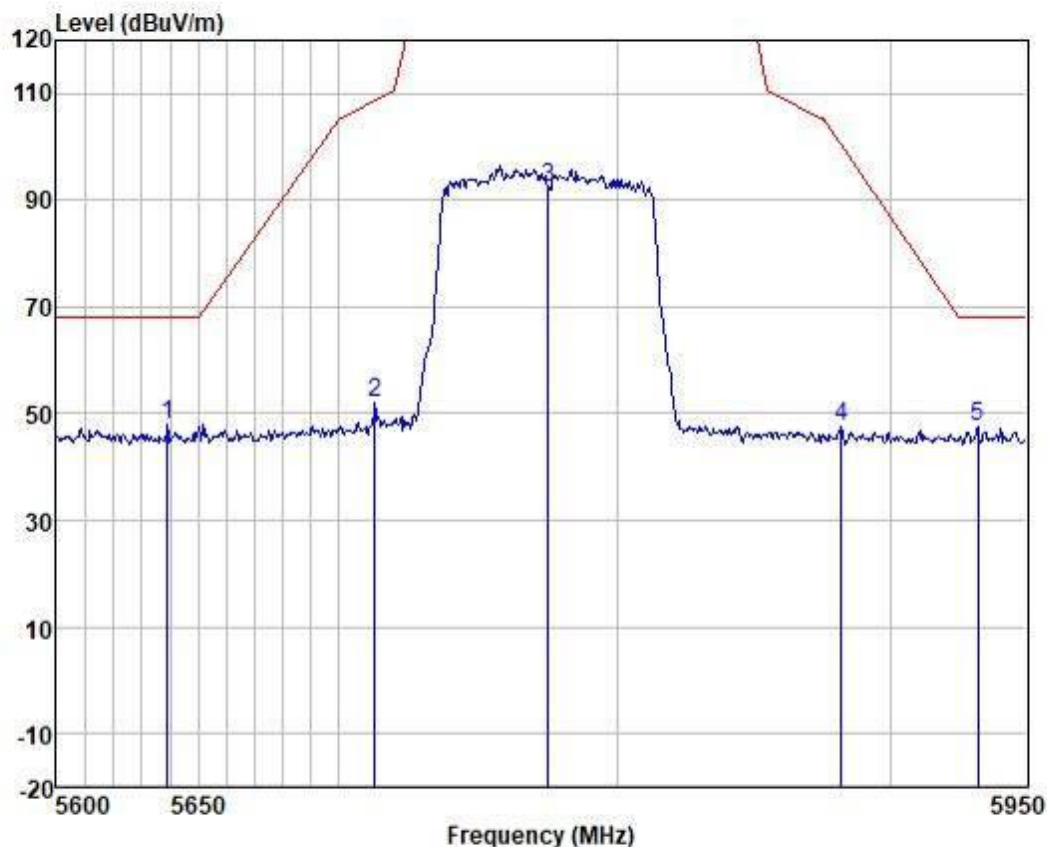
Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Loss	Factor	dBuV/m	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5647.732	46.32	32.63	5.23	37.14	47.04	68.20	-21.16	HORIZONTAL peak
2	5656.984	46.71	32.64	5.24	37.14	47.45	73.39	-25.94	HORIZONTAL peak
3	5795.000	94.44	32.67	5.34	37.12	95.33	125.20	-29.87	HORIZONTAL peak
4	5883.284	46.93	32.68	5.39	37.11	47.89	99.11	-51.22	HORIZONTAL peak
5	5947.115	46.15	32.69	5.42	37.10	47.16	68.20	-21.04	HORIZONTAL peak



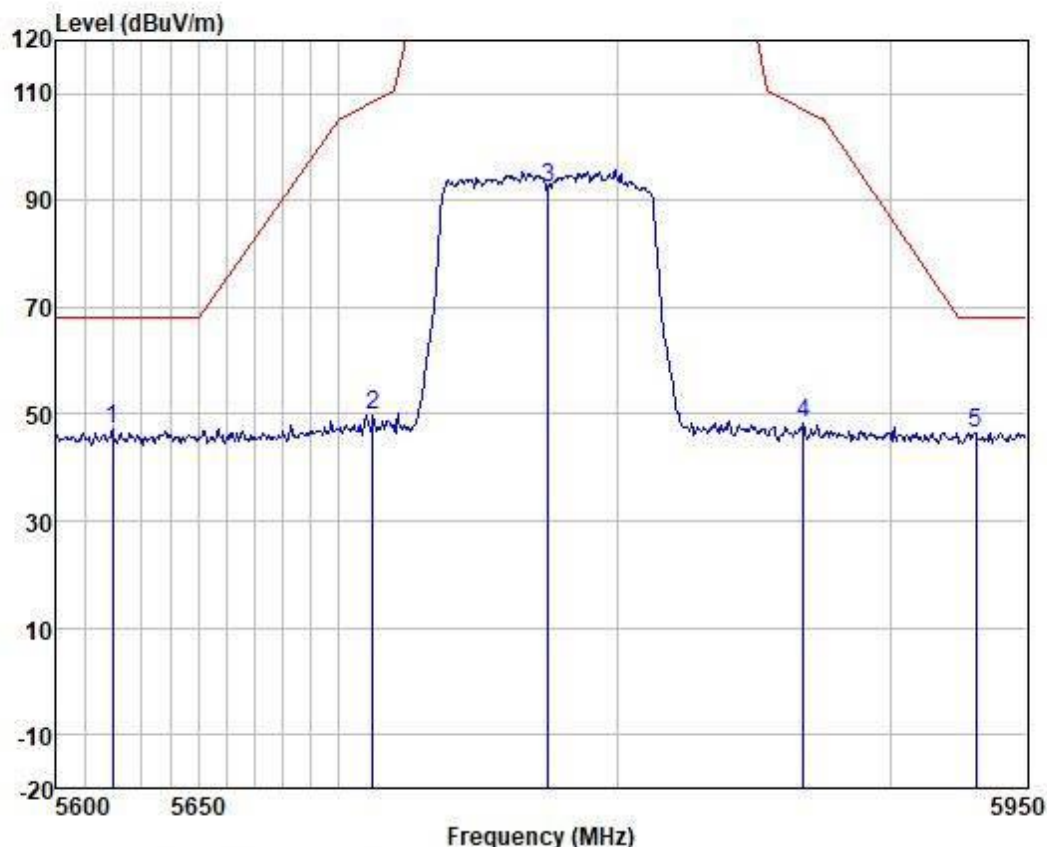
Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Loss	Factor	dBuV/m	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5639.179	47.06	32.63	5.22	37.14	47.77	68.20	-20.43	VERTICAL peak
2	5712.816	51.17	32.65	5.27	37.13	51.96	108.79	-56.83	VERTICAL peak
3	5775.000	91.57	32.66	5.33	37.12	92.44	125.20	-32.76	VERTICAL peak
4	5881.857	46.58	32.68	5.39	37.11	47.54	100.17	-52.63	VERTICAL peak
5	5932.351	46.41	32.69	5.41	37.11	47.40	68.20	-20.80	VERTICAL peak



Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



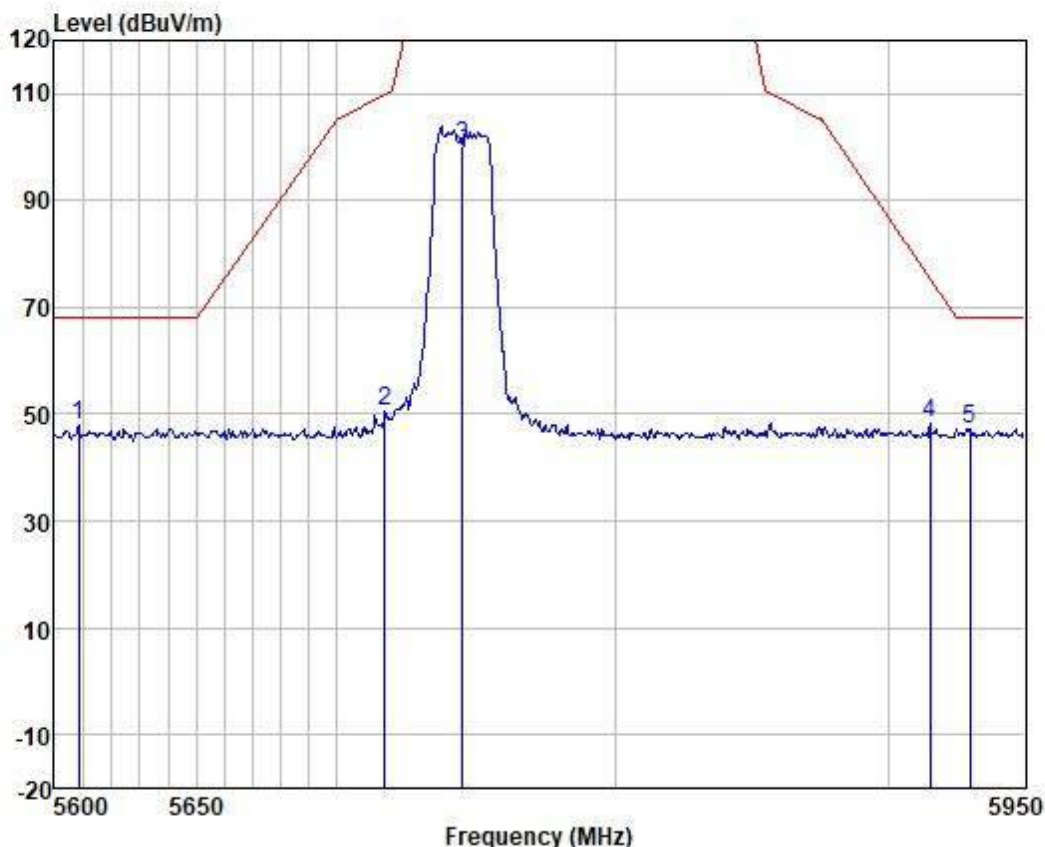
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5619.726	46.56	32.63	5.21	37.14	47.26	68.20	-20.94	HORIZONTAL peak
2	5712.124	49.18	32.65	5.27	37.13	49.97	108.60	-58.63	HORIZONTAL peak
3	5775.000	91.58	32.66	5.33	37.12	92.45	125.20	-32.75	HORIZONTAL peak
4	5867.967	47.55	32.68	5.38	37.11	48.50	107.17	-58.67	HORIZONTAL peak
5	5931.632	45.64	32.69	5.41	37.11	46.63	68.20	-21.57	HORIZONTAL peak



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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



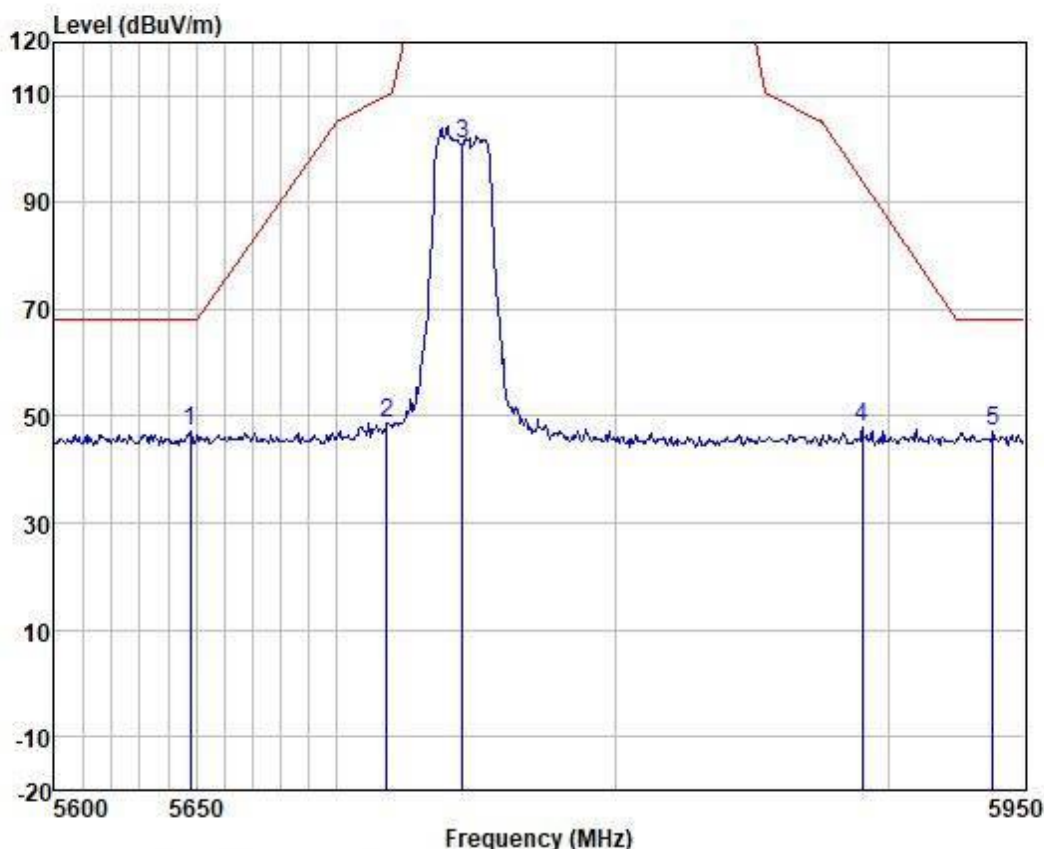
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5608.494	47.33	32.63	5.21	37.14	48.03	68.20	-20.17	VERTICAL peak
2	5716.974	49.84	32.65	5.27	37.13	50.63	109.95	-59.32	VERTICAL peak
3	5745.000	99.28	32.65	5.30	37.13	100.10	125.20	-25.10	VERTICAL peak
4	5915.472	47.20	32.69	5.41	37.11	48.19	75.24	-27.05	VERTICAL peak
5	5930.194	46.29	32.69	5.41	37.11	47.28	68.20	-20.92	VERTICAL peak



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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



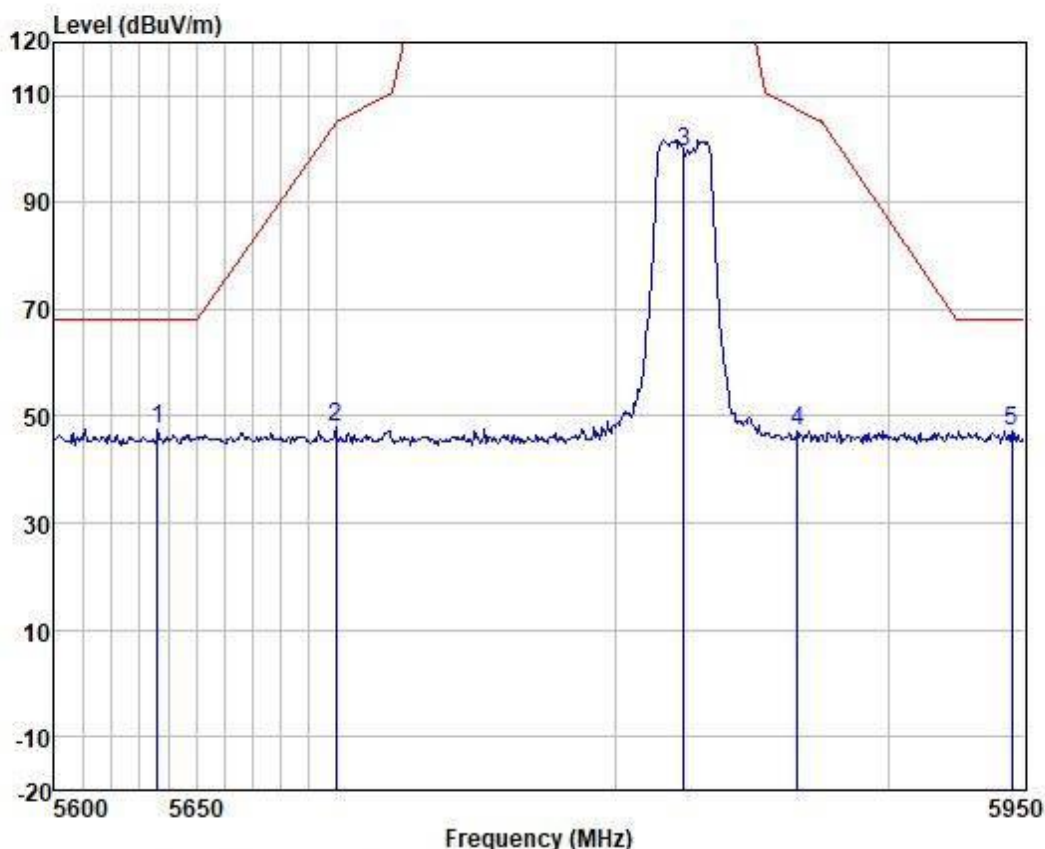
	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
		dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5647.732	46.49	32.63	5.23	37.14	47.21	68.20	-20.99	HORIZONTAL peak
2	5717.667	48.00	32.65	5.27	37.13	48.79	110.15	-61.36	HORIZONTAL peak
3	5745.000	100.24	32.65	5.30	37.13	101.06	125.20	-24.14	HORIZONTAL peak
4	5890.421	46.92	32.69	5.40	37.11	47.90	93.80	-45.90	HORIZONTAL peak
5	5938.828	46.26	32.69	5.41	37.10	47.26	68.20	-20.94	HORIZONTAL peak



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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5636.444	46.87	32.63	5.22	37.14	47.58	68.20	-20.62	VERTICAL peak
2	5699.670	47.09	32.64	5.26	37.13	47.86	104.96	-57.10	VERTICAL peak
3	5825.000	98.44	32.67	5.36	37.12	99.35	125.20	-25.85	VERTICAL peak
4	5866.544	46.42	32.68	5.38	37.11	47.37	107.57	-60.20	VERTICAL peak
5	5945.673	46.16	32.69	5.42	37.10	47.17	68.20	-21.03	VERTICAL peak



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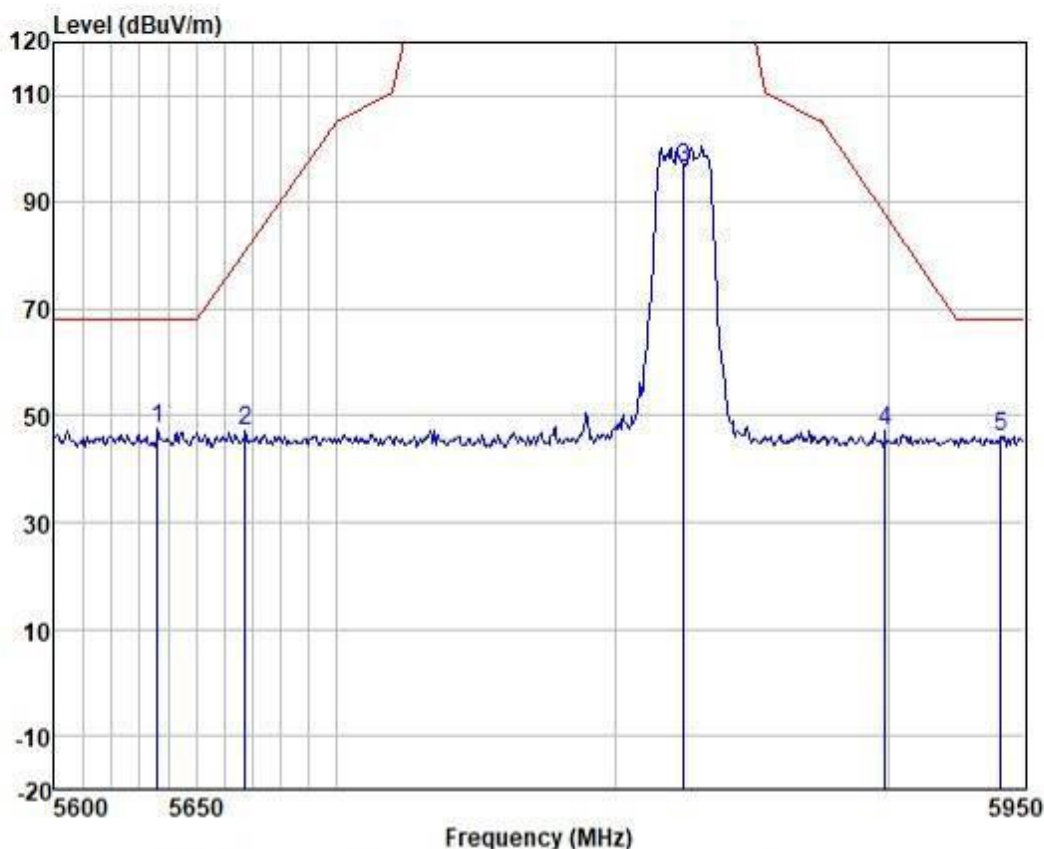
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Guangzhou Branch, EMC Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp		Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5636.444	46.87	32.63	5.22	37.14	47.58	68.20	-20.62	HORIZONTAL peak
2	5667.282	46.31	32.64	5.24	37.13	47.06	81.03	-33.97	HORIZONTAL peak
3	5825.000	95.59	32.67	5.36	37.12	96.50	125.20	-28.70	HORIZONTAL peak
4	5898.641	46.19	32.69	5.40	37.11	47.17	87.70	-40.53	HORIZONTAL peak
5	5941.709	45.18	32.69	5.42	37.10	46.19	68.20	-22.01	HORIZONTAL peak



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7.6 Duty Cycle

Test Requirement KDB 789033 D02 II B 1
Test Method: KDB 789033 D02 II B 1

7.6.1 E.U.T. Operation

Operating Environment:

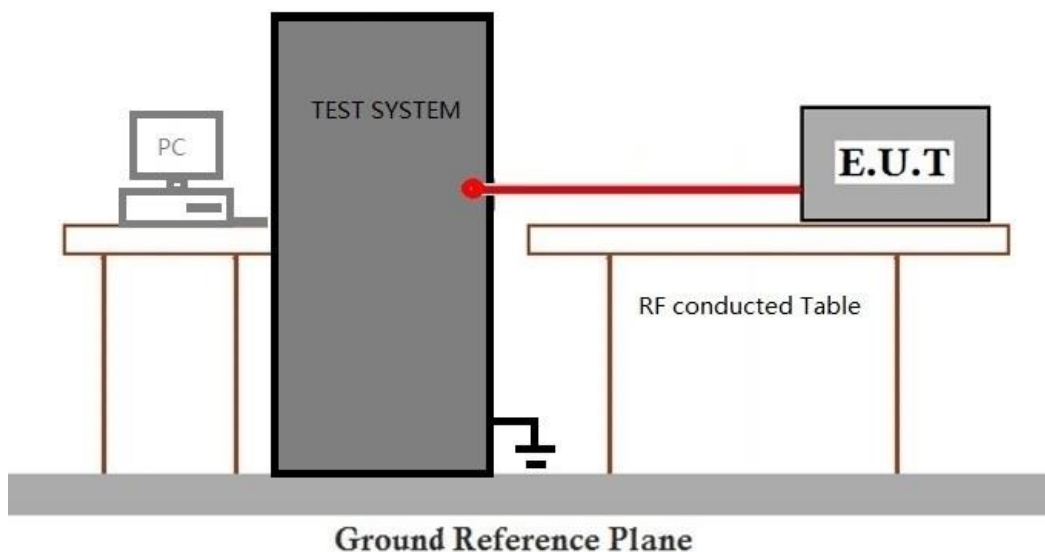
Temperature: 21.8 °C Humidity: 59.7 % RH Atmospheric Pressure: 1013 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.



7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix - Test Data and Result for report GZCR241000116202

7.7 99% Bandwidth

Test Requirement N/A
Test Method: KDB 789033 D02 II D

7.7.1 E.U.T. Operation

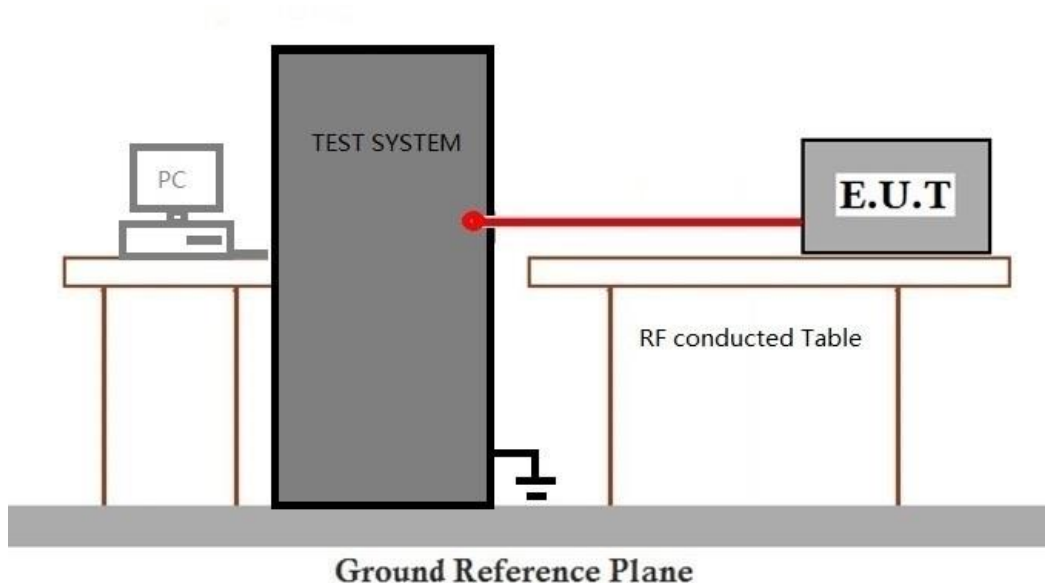
Operating Environment:
Temperature: 21.8 °C Humidity: 59.7 % RH Atmospheric Pressure: 1013 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.



7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix - Test Data and Result for report GZCR241000116202

7.8 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II C 1

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 21.8 °C

Humidity: 59.7 % RH

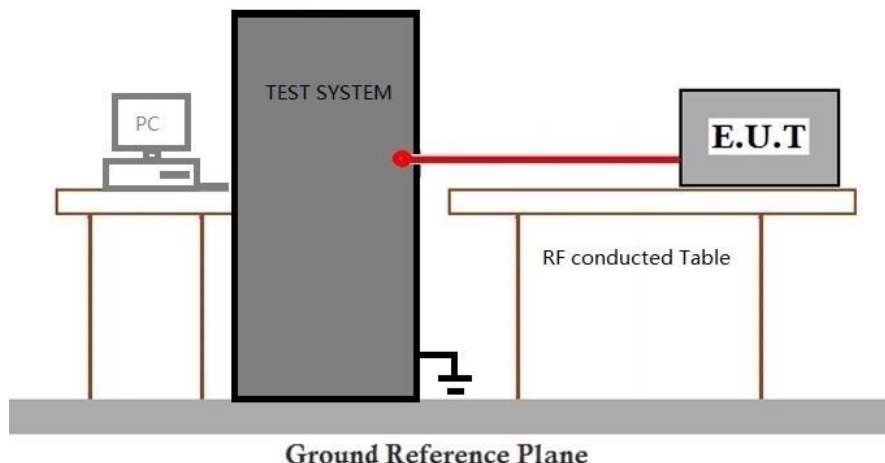
Atmospheric Pressure: 1013 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.



7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix - Test Data and Result for report GZCR241000116202

7.9 Minimum 6 dB bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)

Test Method: KDB 789033 D02 II C 2

Limit:

Frequency band(MHz)	Limit
5725-5850	≥500 kHz

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 21.8 °C

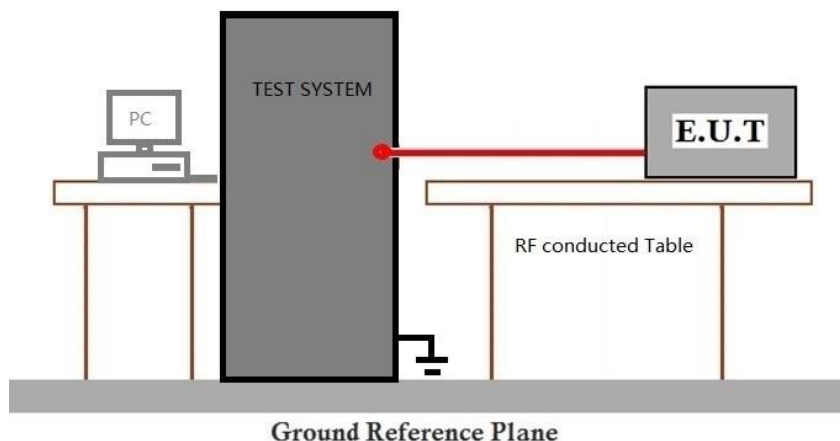
Humidity: 59.7 % RH

Atmospheric Pressure: 1013 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.

7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Please Refer to Appendix - Test Data and Result for report GZCR241000116202

7.10 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II F

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 21.8 °C

Humidity: 59.7 % RH

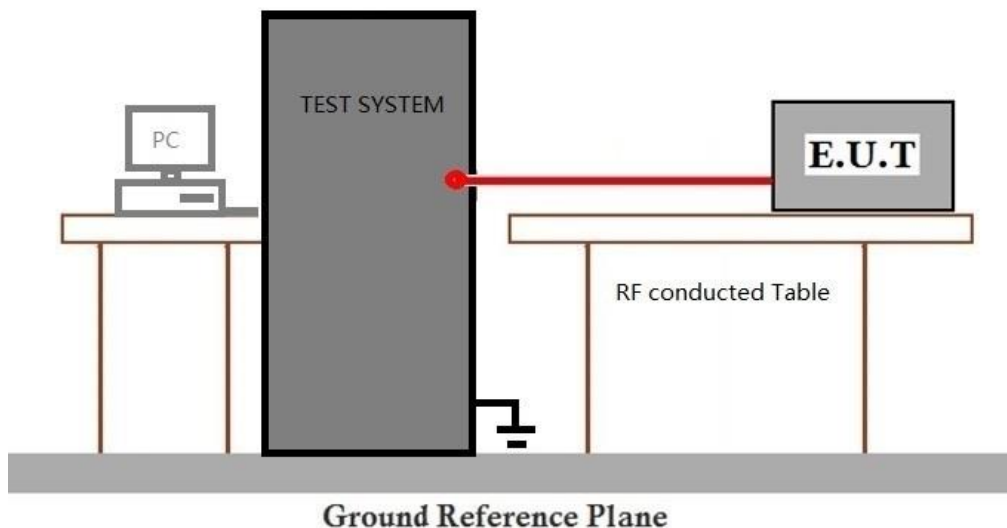
Atmospheric Pressure: 1013 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.



7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

Please Refer to Appendix - Test Data and Result for report GZCR241000116202



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Guangzhou Branch, EMC Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
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t (86-20) 82155555 www.sgsgroup.com.cn
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7.11 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)

Test Method: ANSI C63.10 (2013) Section 6.8

7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 21.8 °C

Humidity: 59.7 % RH

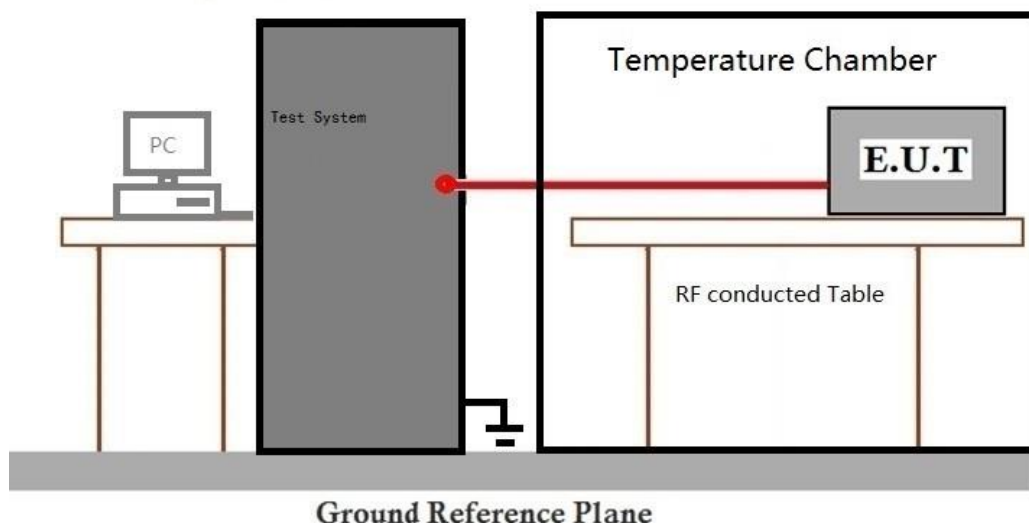
Atmospheric Pressure: 1013 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.



7.11.3 Test Setup Diagram



7.11.4 Measurement Procedure and Data

Please Refer to Appendix - Test Data and Result for report GZCR241000116202



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8 Test Setup Photo

Refer to Appendix - Test Setup Photo for GZCR241000116302.



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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

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9 EUT Constructional Details (EUT Photos)

Refer to Appendix - External and Internal Photos for GZCR2410001163AT

- End of the Report -