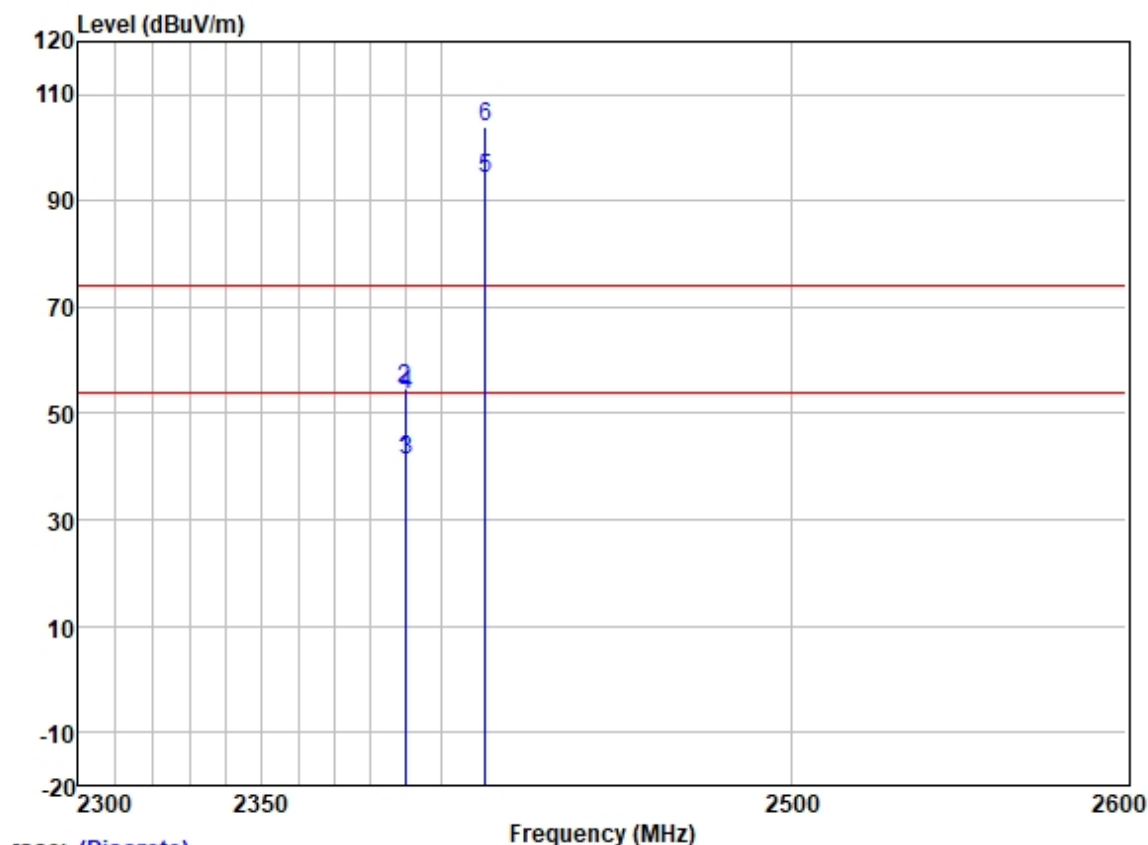


Test Mode: 00; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

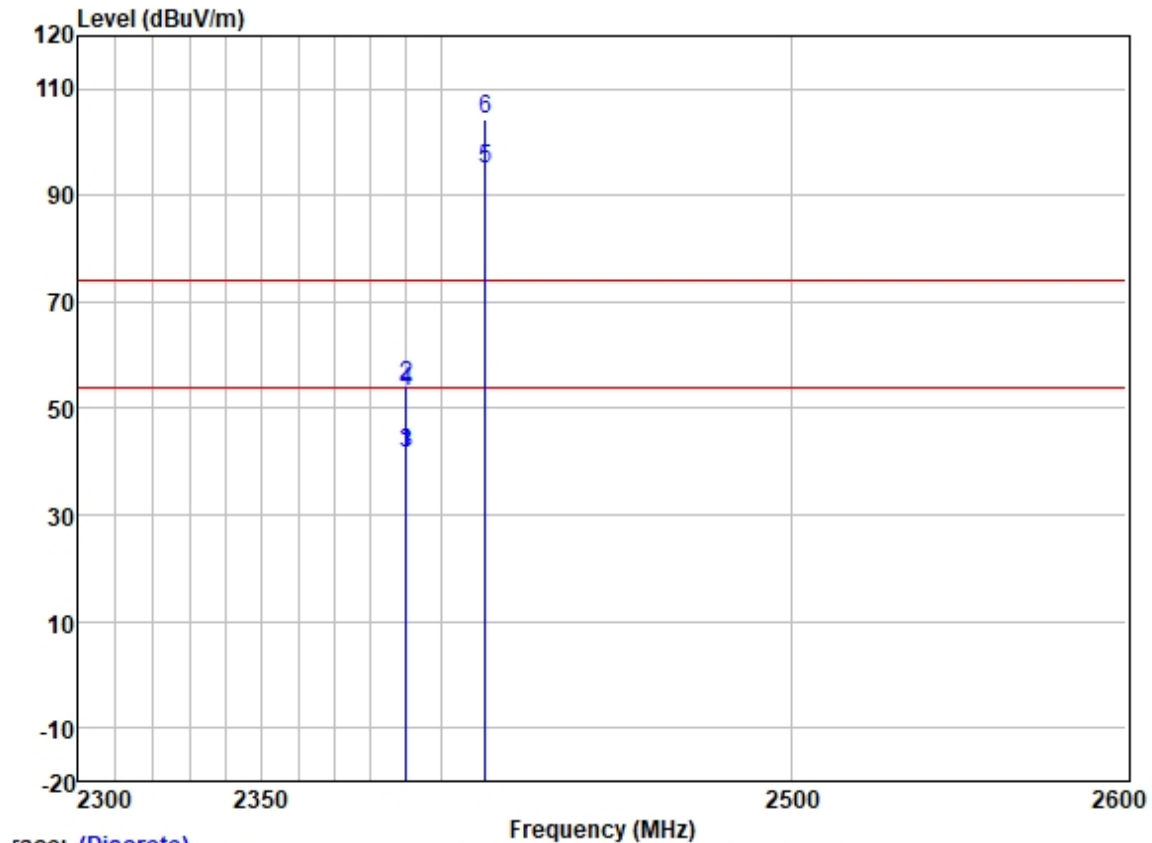
	Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	2389.726	48.07	27.33	3.48	37.59	41.29	54.00	-12.71	HORIZONTAL	Average
2	2389.726	61.35	27.33	3.48	37.59	54.57	74.00	-19.43	HORIZONTAL	Peak
3	2390.000	47.92	27.33	3.48	37.59	41.14	54.00	-12.86	HORIZONTAL	Average
4	2390.000	60.41	27.33	3.48	37.59	53.63	74.00	-20.37	HORIZONTAL	Peak
5 *	2412.000	101.15	27.38	3.47	37.59	94.41	54.00	40.41	HORIZONTAL	Average
6 *	2412.000	110.71	27.38	3.47	37.59	103.97	74.00	29.97	HORIZONTAL	Peak



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Test Mode: 00; Polarity: Vertical; Modulation: 802.11g; Bandwidth: 20MHz; Channel: Low

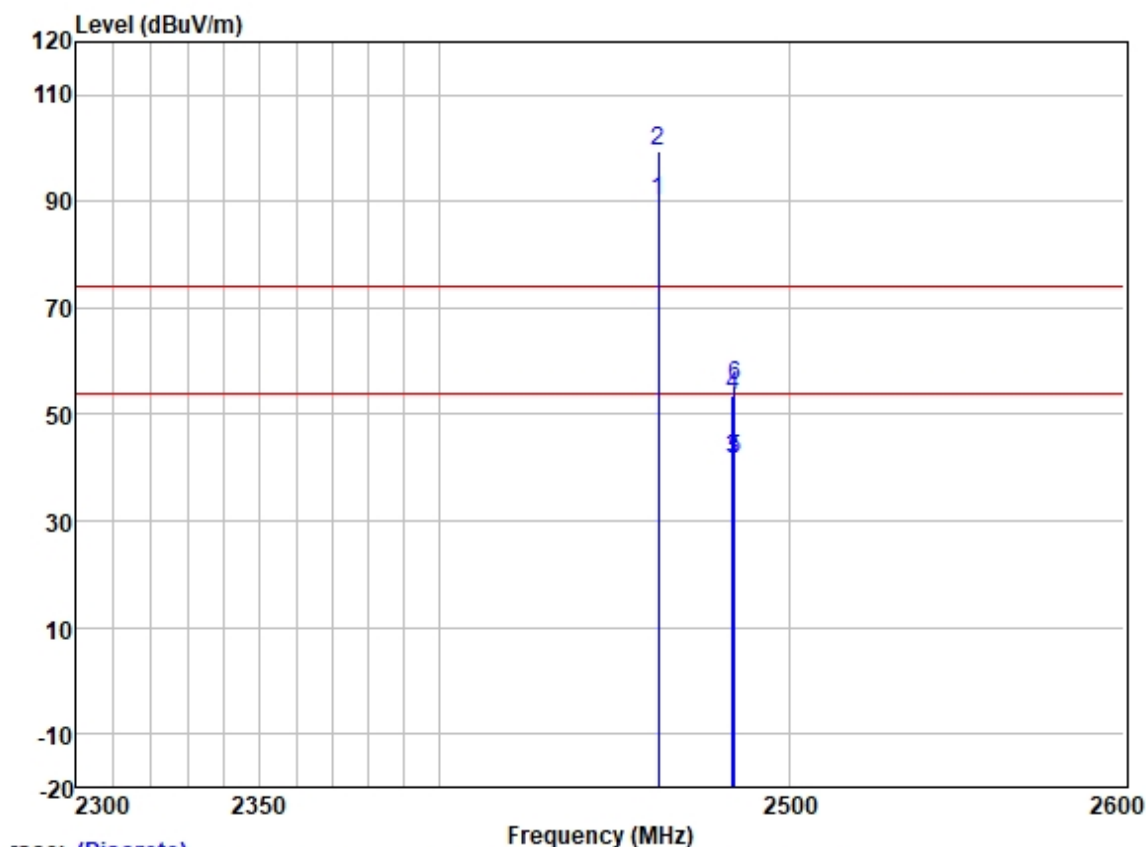


Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over		
	MHz	Level	Factor	Loss	Factor	dBuV/m	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	2389.847	48.23	27.33	3.48	37.59	41.45	54.00	-12.55	VERTICAL	Average
2	2389.847	61.06	27.33	3.48	37.59	54.28	74.00	-19.72	VERTICAL	Peak
3	2390.000	48.23	27.33	3.48	37.59	41.45	54.00	-12.55	VERTICAL	Average
4	2390.000	60.04	27.33	3.48	37.59	53.26	74.00	-20.74	VERTICAL	Peak
5 *	2412.000	101.88	27.38	3.47	37.59	95.14	54.00	41.14	VERTICAL	Average
6 *	2412.000	111.05	27.38	3.47	37.59	104.31	74.00	30.31	VERTICAL	Peak



Test Mode: 00; Polarity: Horizontal; Modulation: 802.11g; Bandwidth: 20MHz; Channel: High



Trace: (Discrete)

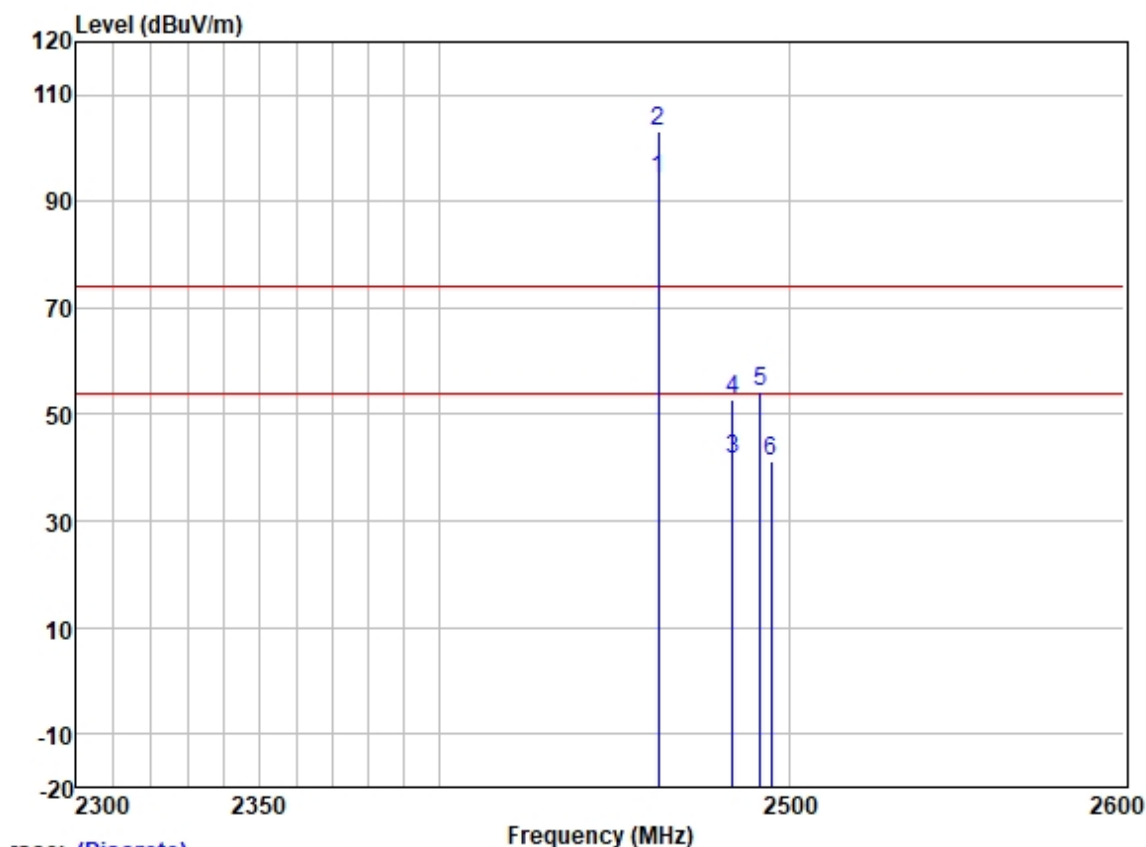
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	2462.000	96.60	27.45	3.50	37.58	89.97	54.00	35.97	HORIZONTAL	Average
2 *	2462.000	106.11	27.45	3.50	37.58	99.48	74.00	25.48	HORIZONTAL	Peak
3	2483.500	48.06	27.48	3.53	37.57	41.50	54.00	-12.50	HORIZONTAL	Average
4	2483.500	60.22	27.48	3.53	37.57	53.66	74.00	-20.34	HORIZONTAL	Peak
5	2483.940	48.12	27.48	3.53	37.57	41.56	54.00	-12.44	HORIZONTAL	Average
6	2483.940	61.80	27.48	3.53	37.57	55.24	74.00	-18.76	HORIZONTAL	Peak



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Test Mode: 00; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

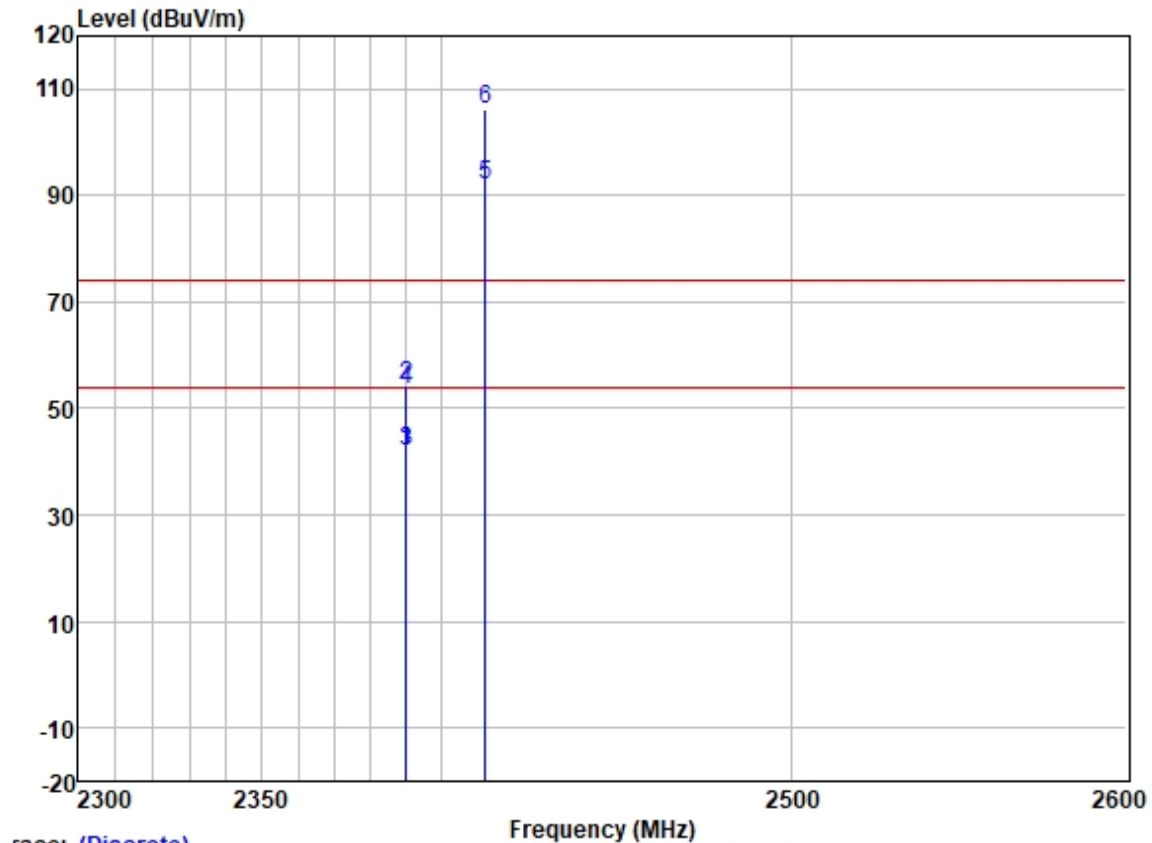
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	2462.000	100.75	27.45	3.50	37.58	94.12	54.00	40.12	VERTICAL	Average
2 *	2462.000	109.82	27.45	3.50	37.58	103.19	74.00	29.19	VERTICAL	Peak
3	2483.500	47.98	27.48	3.53	37.57	41.42	54.00	-12.58	VERTICAL	Average
4	2483.500	59.27	27.48	3.53	37.57	52.71	74.00	-21.29	VERTICAL	Peak
5	2491.630	60.87	27.49	3.47	37.56	54.27	74.00	-19.73	VERTICAL	Peak
6	2494.803	48.01	27.49	3.47	37.56	41.41	54.00	-12.59	VERTICAL	Average



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Test Mode: 00; Polarity: Horizontal; Modulation: 802.11n; Bandwidth: 20MHz; Channel: Low



Trace: (Discrete)

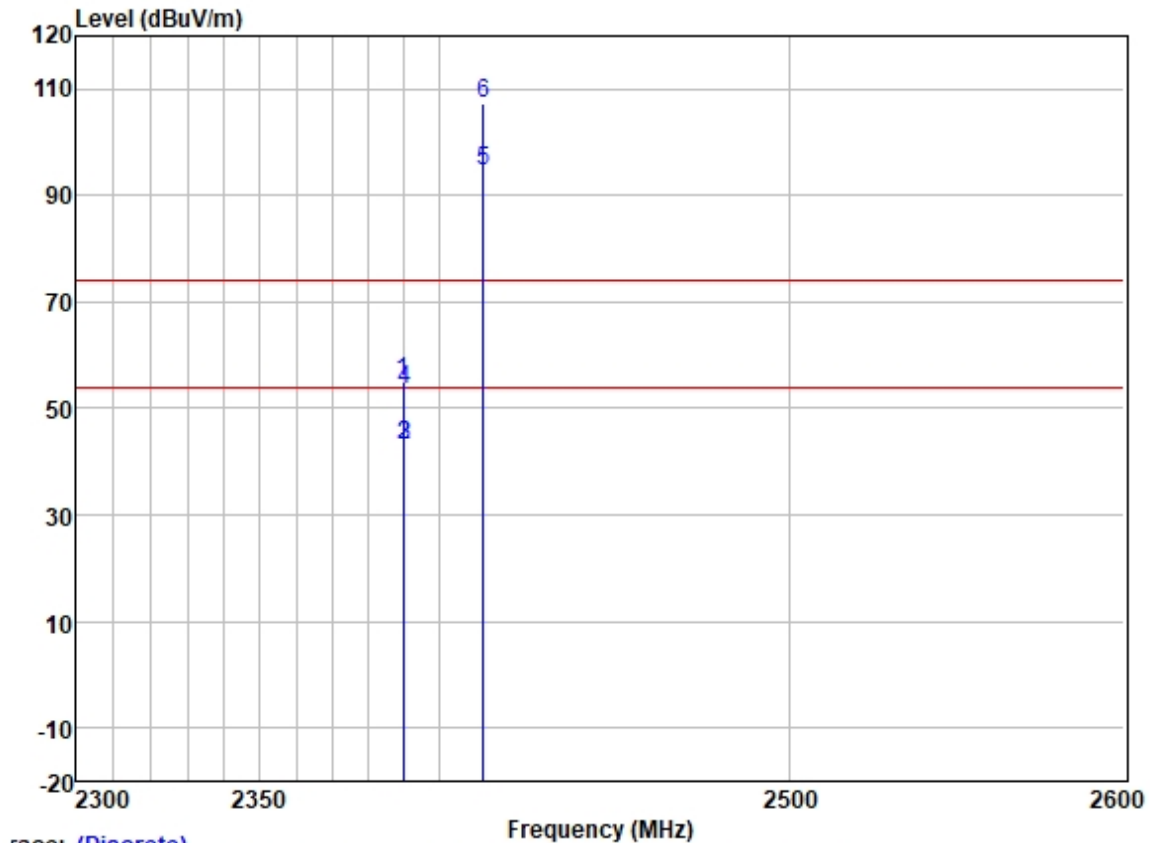
	Freq	ReadAntenna	Cable	Preamp		Limit	Over		
	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	2389.968	48.78	27.33	3.48	37.59	42.00	54.00	-12.00	HORIZONTAL Average
2	2389.968	61.22	27.33	3.48	37.59	54.44	74.00	-19.56	HORIZONTAL Peak
3	2390.000	48.78	27.33	3.48	37.59	42.00	54.00	-12.00	HORIZONTAL Average
4	2390.000	60.28	27.33	3.48	37.59	53.50	74.00	-20.50	HORIZONTAL Peak
5 *	2412.000	98.78	27.38	3.47	37.59	92.04	54.00	38.04	HORIZONTAL Average
6 *	2412.000	113.10	27.38	3.47	37.59	106.36	74.00	32.36	HORIZONTAL Peak



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Test Mode: 00; Polarity: Vertical; Modulation: 802.11n; Bandwidth: 20MHz; Channel: Low



Trace: (Discrete)

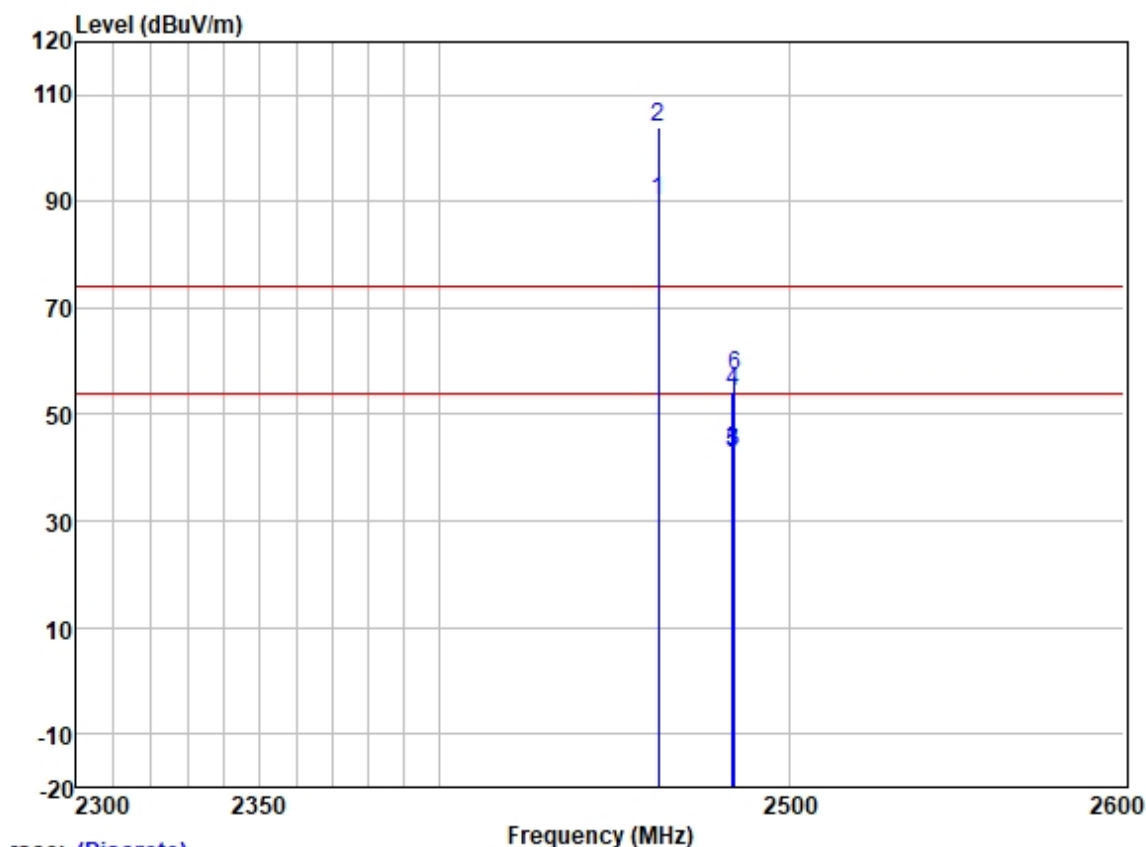
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
		Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	2389.484	61.65	27.33	3.48	37.59	54.87	74.00	-19.13	VERTICAL	Peak
2	2389.968	50.02	27.33	3.48	37.59	43.24	54.00	-10.76	VERTICAL	Average
3	2390.000	50.02	27.33	3.48	37.59	43.24	54.00	-10.76	VERTICAL	Average
4	2390.000	60.45	27.33	3.48	37.59	53.67	74.00	-20.33	VERTICAL	Peak
5 *	2412.000	101.23	27.38	3.47	37.59	94.49	54.00	40.49	VERTICAL	Average
6 *	2412.000	114.04	27.38	3.47	37.59	107.30	74.00	33.30	VERTICAL	Peak



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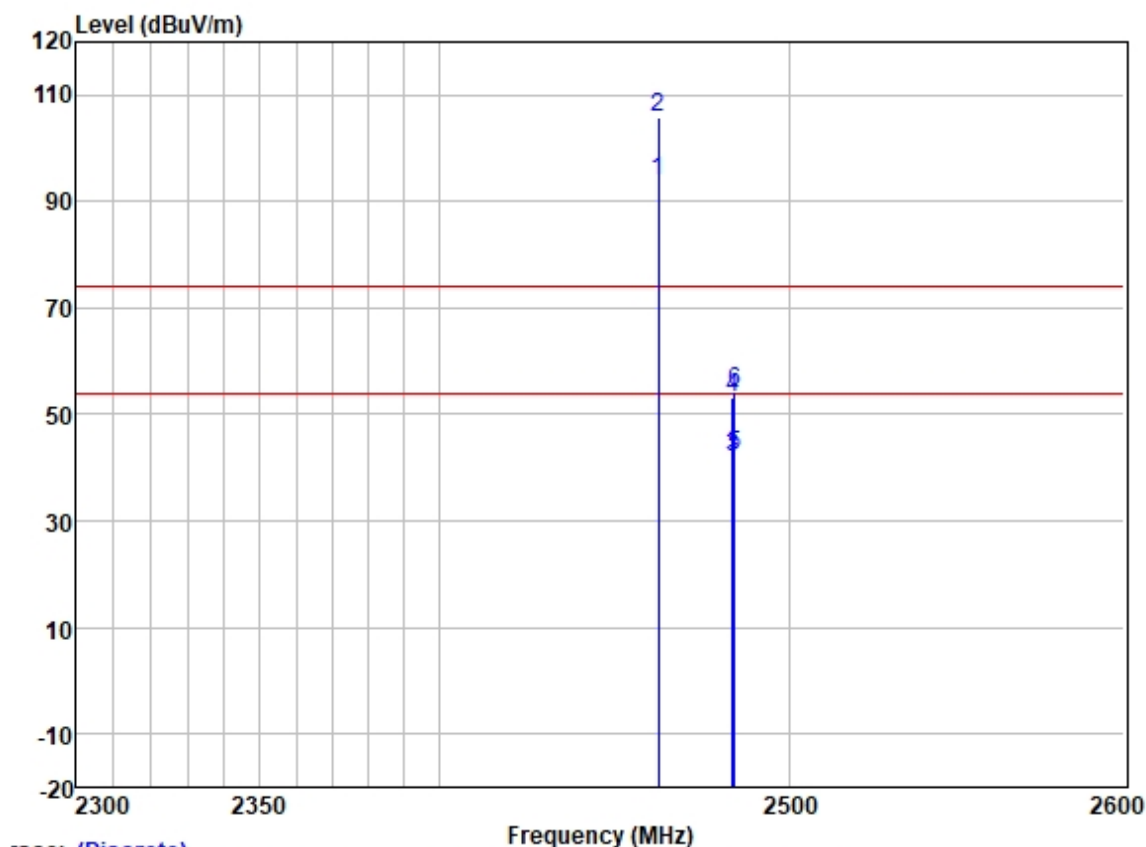
Test Mode: 00; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

		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 *	2462.000	96.88	27.45	3.50	37.58	90.25	54.00	36.25	HORIZONTAL	Average
2 *	2462.000	110.49	27.45	3.50	37.58	103.86	74.00	29.86	HORIZONTAL	Peak
3	2483.500	49.50	27.48	3.53	37.57	42.94	54.00	-11.06	HORIZONTAL	Average
4	2483.500	60.81	27.48	3.53	37.57	54.25	74.00	-19.75	HORIZONTAL	Peak
5	2483.890	49.37	27.48	3.53	37.57	42.81	54.00	-11.19	HORIZONTAL	Average
6	2483.940	63.71	27.48	3.53	37.57	57.15	74.00	-16.85	HORIZONTAL	Peak

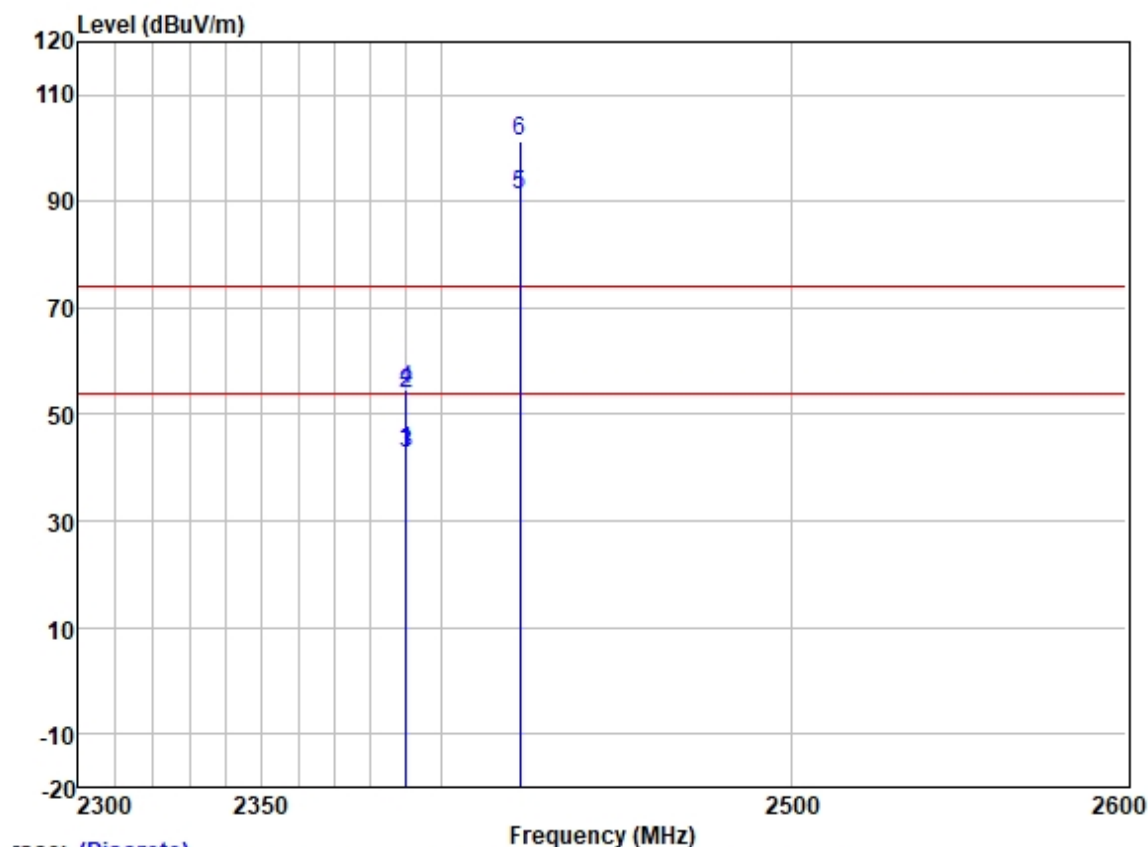
Test Mode: 00; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



race: (Discrete)

		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 *	2462.000	100.35	27.45	3.50	37.58	93.72	54.00	39.72	VERTICAL	Average
2 *	2462.000	112.39	27.45	3.50	37.58	105.76	74.00	31.76	VERTICAL	Peak
3	2483.500	48.60	27.48	3.53	37.57	42.04	54.00	-11.96	VERTICAL	Average
4	2483.500	59.87	27.48	3.53	37.57	53.31	74.00	-20.69	VERTICAL	Peak
5	2484.041	48.89	27.48	3.53	37.57	42.33	54.00	-11.67	VERTICAL	Average
6	2484.041	60.92	27.48	3.53	37.57	54.36	74.00	-19.64	VERTICAL	Peak

Test Mode: 00; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

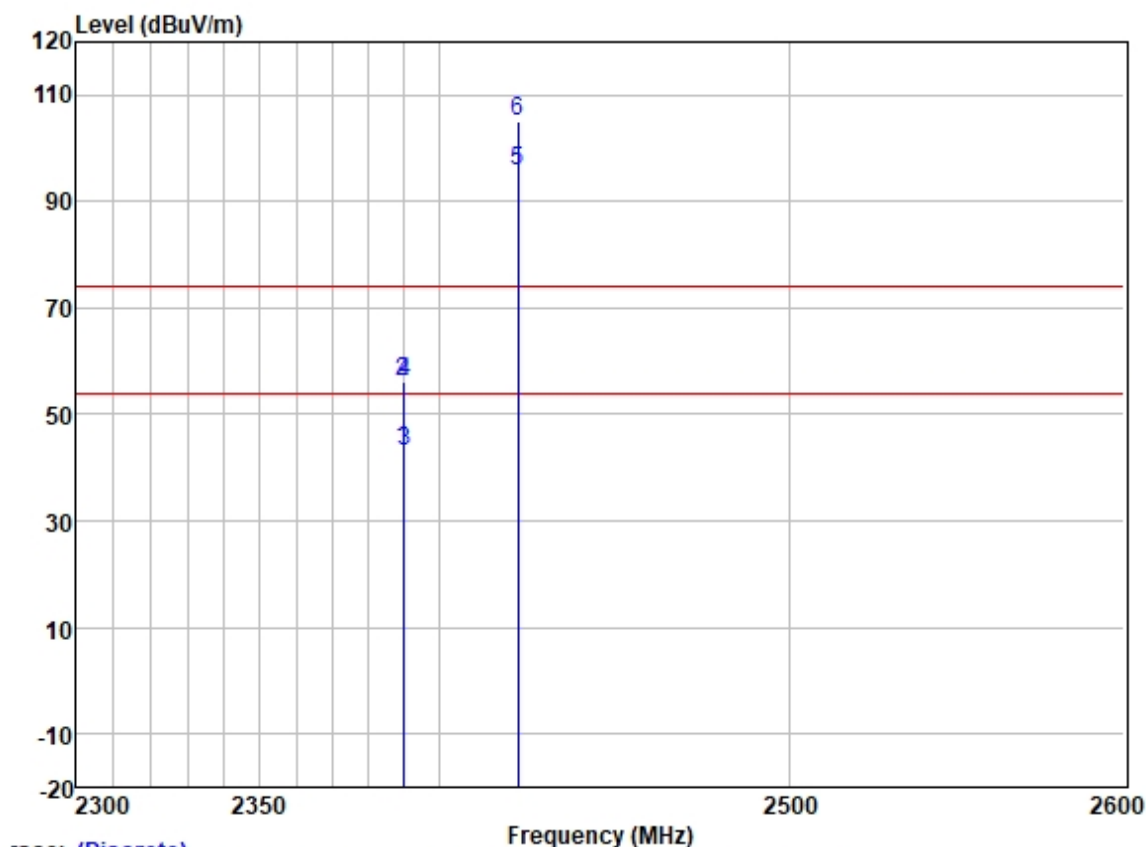
		Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
		MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1		2389.827	50.02	27.33	3.48	37.59	43.24	54.00	-10.76	HORIZONTAL	Average
2		2389.827	60.85	27.33	3.48	37.59	54.07	74.00	-19.93	HORIZONTAL	Peak
3		2390.000	49.53	27.33	3.48	37.59	42.75	54.00	-11.25	HORIZONTAL	Average
4		2390.000	61.44	27.33	3.48	37.59	54.66	74.00	-19.34	HORIZONTAL	Peak
5	*	2422.000	97.83	27.39	3.45	37.58	91.09	54.00	37.09	HORIZONTAL	Average
6	*	2422.000	107.91	27.39	3.45	37.58	101.17	74.00	27.17	HORIZONTAL	Peak



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Test Mode: 00; Polarity: Vertical; Modulation: 802.11n; Bandwidth: 40MHz; Channel: Low



Trace: (Discrete)

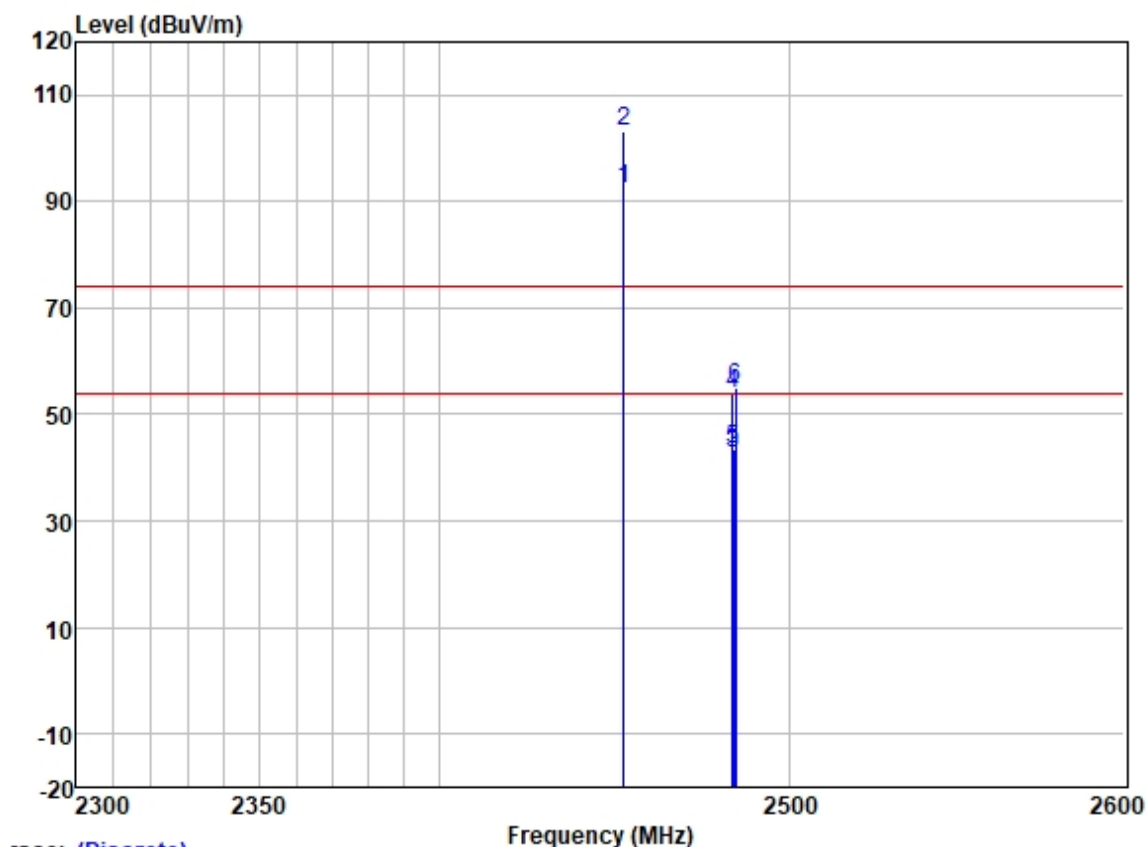
	Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	2389.677	50.41	27.33	3.48	37.59	43.63	54.00	-10.37	VERTICAL	Average
2	2389.677	63.02	27.33	3.48	37.59	56.24	74.00	-17.76	VERTICAL	Peak
3	2390.000	50.05	27.33	3.48	37.59	43.27	54.00	-10.73	VERTICAL	Average
4	2390.000	63.09	27.33	3.48	37.59	56.31	74.00	-17.69	VERTICAL	Peak
5 *	2422.000	102.42	27.39	3.45	37.58	95.68	54.00	41.68	VERTICAL	Average
6 *	2422.000	111.97	27.39	3.45	37.58	105.23	74.00	31.23	VERTICAL	Peak



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Test Mode: 00; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

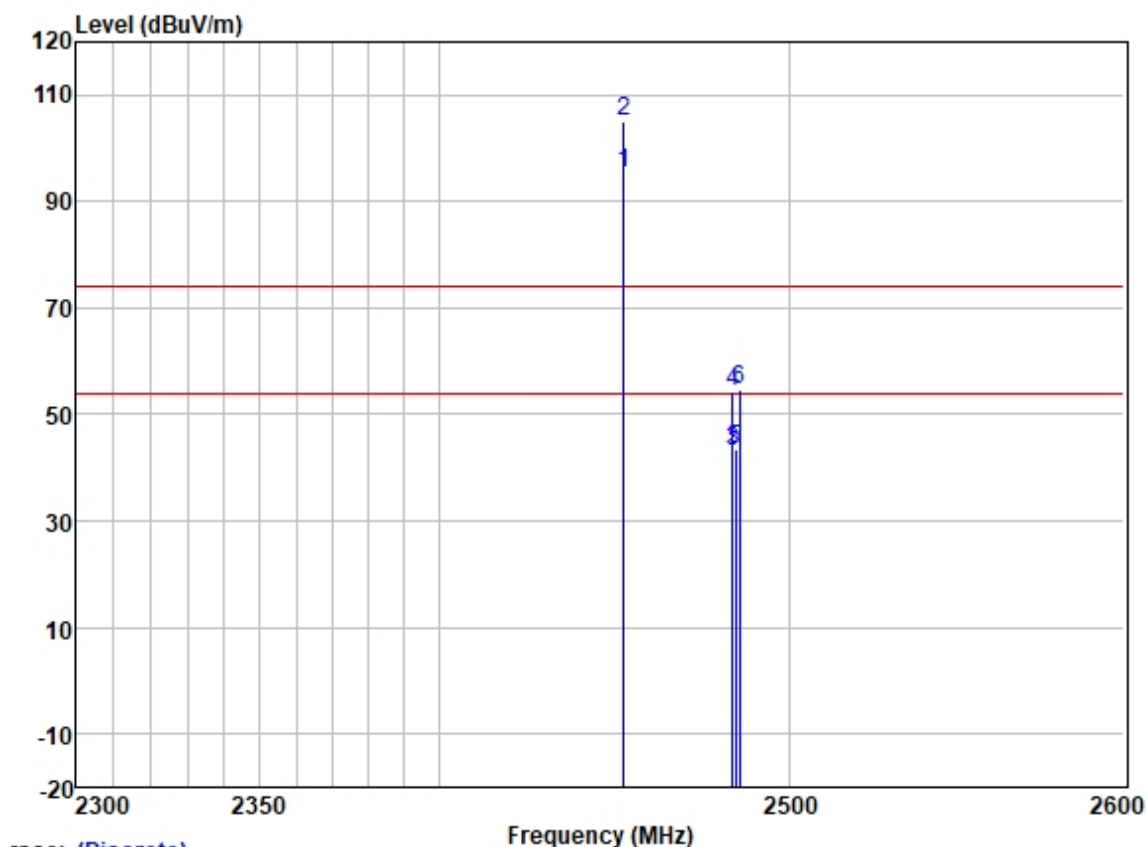
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	2452.000	99.17	27.43	3.40	37.58	92.42	54.00	38.42	HORIZONTAL	Average
2 *	2452.000	110.13	27.43	3.40	37.58	103.38	74.00	29.38	HORIZONTAL	Peak
3	2483.500	49.22	27.48	3.53	37.57	42.66	54.00	-11.34	HORIZONTAL	Average
4	2483.500	60.55	27.48	3.53	37.57	53.99	74.00	-20.01	HORIZONTAL	Peak
5	2483.865	50.12	27.48	3.53	37.57	43.56	54.00	-10.44	HORIZONTAL	Average
6	2484.217	61.52	27.48	3.53	37.57	54.96	74.00	-19.04	HORIZONTAL	Peak



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Test Mode: 00; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

		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 *	2452.000	102.06	27.43	3.40	37.58	95.31	54.00	41.31	VERTICAL	Average
2 *	2452.000	111.68	27.43	3.40	37.58	104.93	74.00	30.93	VERTICAL	Peak
3	2483.500	49.59	27.48	3.53	37.57	43.03	54.00	-10.97	VERTICAL	Average
4	2483.500	60.70	27.48	3.53	37.57	54.14	74.00	-19.86	VERTICAL	Peak
5	2484.358	50.01	27.48	3.53	37.57	43.45	54.00	-10.55	VERTICAL	Average
6	2485.417	61.38	27.48	3.53	37.57	54.82	74.00	-19.18	VERTICAL	Peak

7.8 Radiated Spurious Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2013) Section 6.4,6.5,6.6

Measurement 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

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.

7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 20.1 °C

Humidity: 45.1 % RH

Atmospheric Pressure: 1015 mbar

7.8.2 Test Mode Description

Pre-scan / Mode
Final test Code Description

TX mode_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 @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

Final test 00



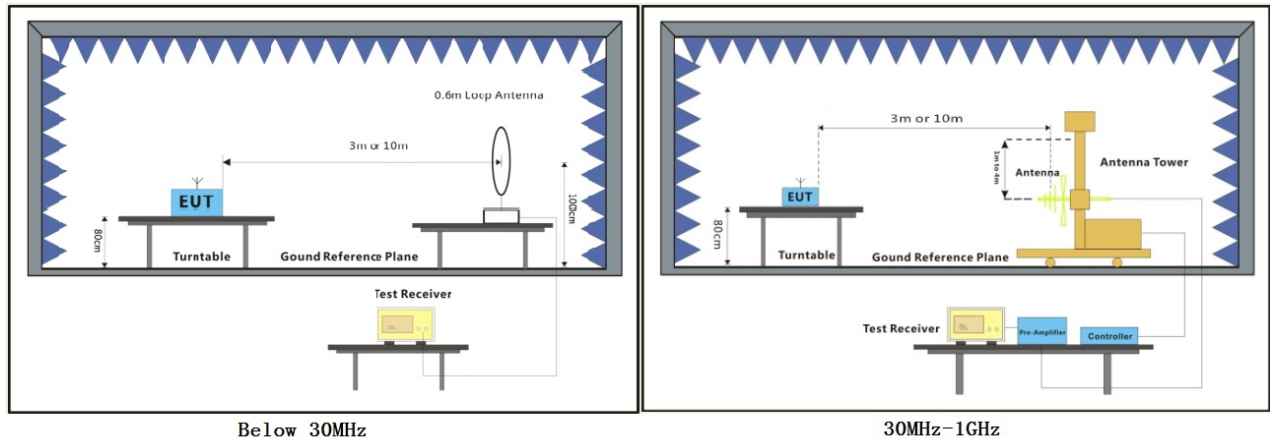
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7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

- 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.
- 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.
- 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.
- 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.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- 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.
- Test the EUT in the lowest channel, the middle channel, the Highest channel.
- 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.
- Repeat above procedures until all frequencies measured was complete.

Remark:

- Through pre-scan found the worst case is the lowest channel. Only the worst case is recorded in the report.
- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor
- Scan from 9kHz to 1 GHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.



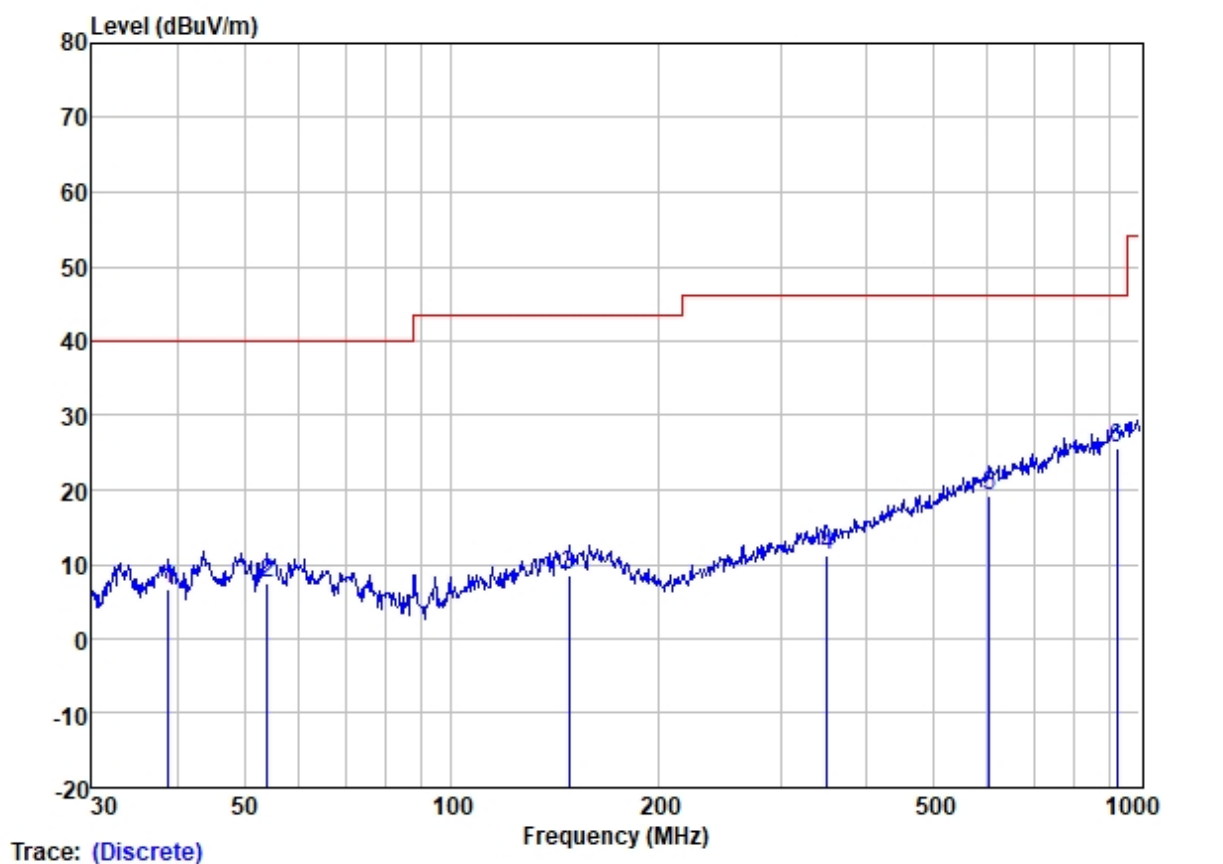
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Test data for WF2-5G1

Test Mode: 00; Polarity: Horizontal; Modulation: 802.11b; Bandwidth: 20MHz; Channel: Low



Site : SGS
Job :
Model :
Power :
Test Mode : 00

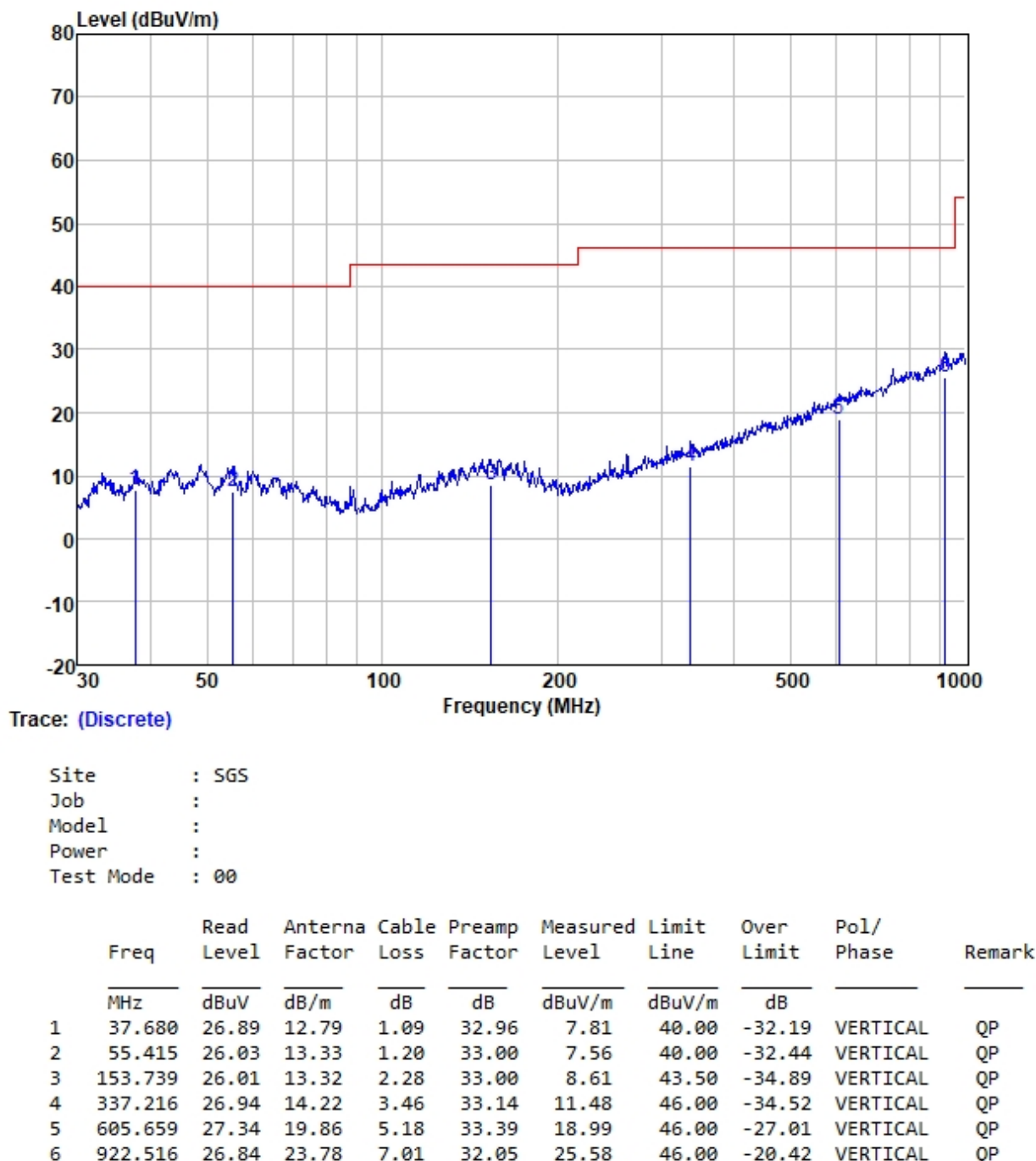
	Freq	Read Level	Antenna Factor	Cable Loss	Preamplifier Factor	Measured Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	38.752	25.54	12.93	1.09	32.96	6.60	40.00	-33.40	HORIZONTAL	QP
2	53.882	25.74	13.46	1.18	33.00	7.38	40.00	-32.62	HORIZONTAL	QP
3	147.921	25.93	13.30	2.22	33.00	8.45	43.50	-35.05	HORIZONTAL	QP
4	350.477	26.50	14.19	3.63	33.15	11.17	46.00	-34.83	HORIZONTAL	QP
5	603.539	27.49	19.88	5.18	33.40	19.15	46.00	-26.85	HORIZONTAL	QP
6	925.756	27.08	23.65	7.01	32.01	25.73	46.00	-20.27	HORIZONTAL	QP



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Test Mode: 00; Polarity: Vertical; Modulation: 802.11b; Bandwidth: 20MHz; Channel: Low



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7.9 Radiated Spurious Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.205 & 15.209

Test Method: ANSI C63.10 (2013) Section 6.4,6.5,6.6

Measurement 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

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.

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 22.2 °C

Humidity: 55.3 % RH

Atmospheric Pressure: 1015 mbar

7.9.2 Test Mode Description

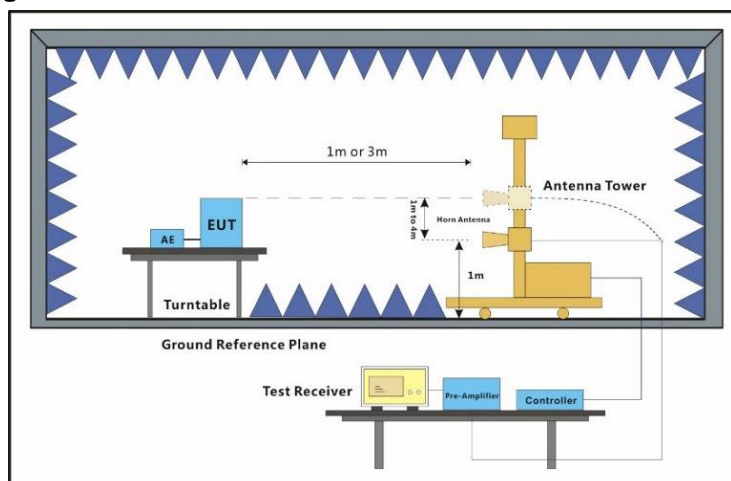
Pre-scan / Mode
Final test Code Description

TX mode_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 @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.



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7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

- a. 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.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. 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.
- d. 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 and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. 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.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. 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.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor

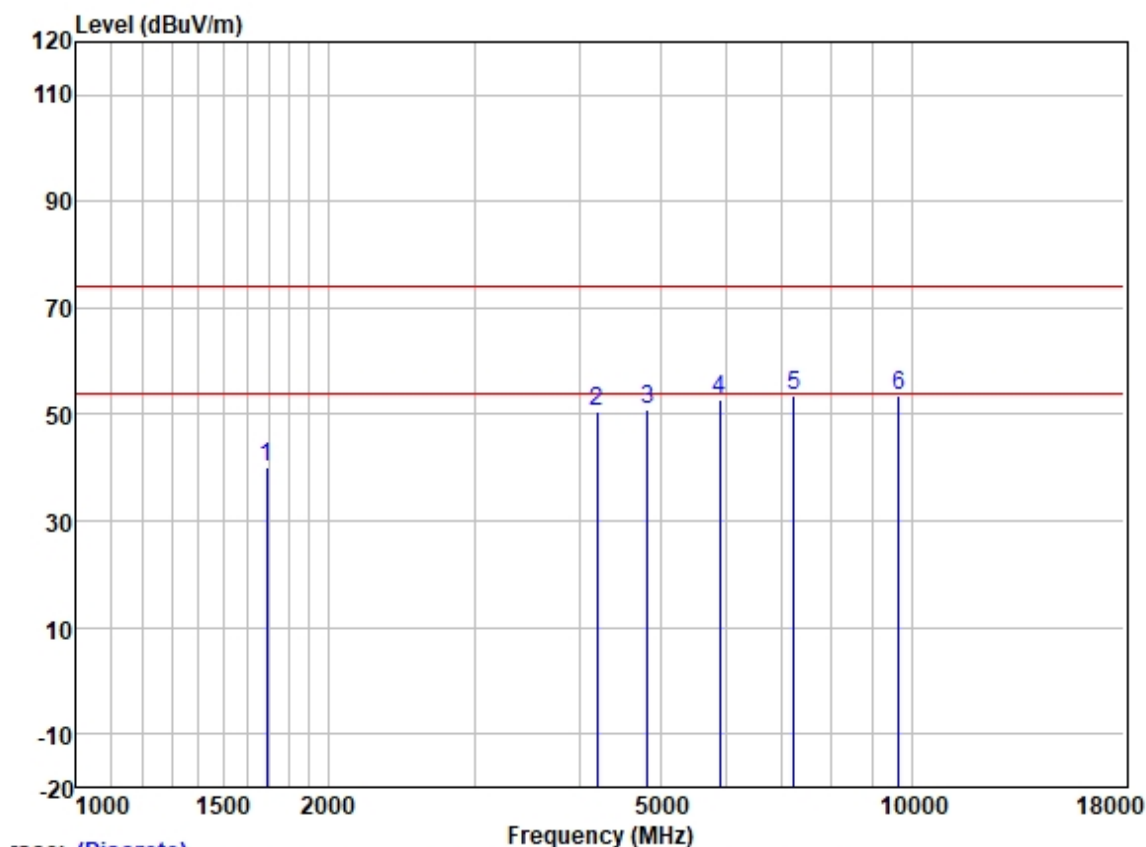
2) Scan from 1GHz to 25GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3) The field strength limits are based on average limits. However, 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. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.



Test data for WF2-5G1

Test Mode: 00; Polarity: Horizontal; Modulation: 802.11b; Bandwidth: 20MHz; Channel: Low



Trace: (Discrete)

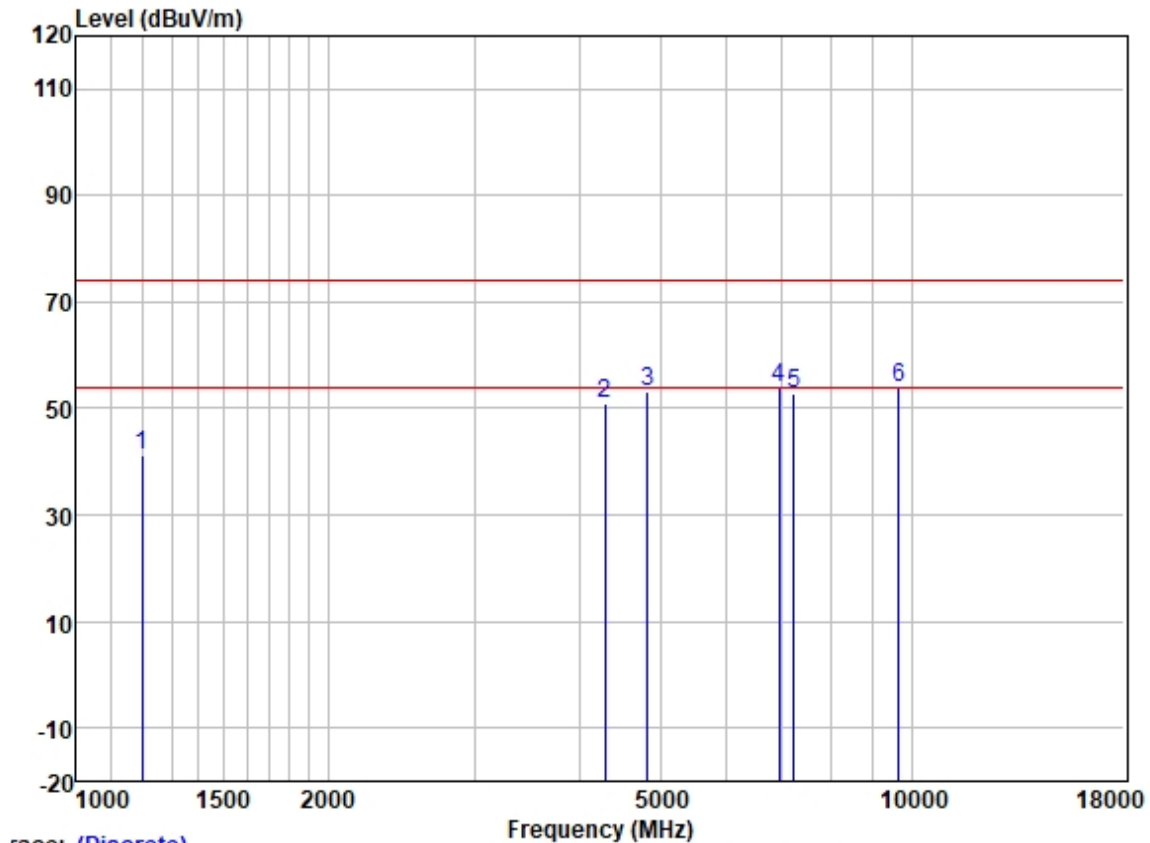
	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1692.231	49.54	25.70	2.80	37.89	40.15	74.00	-33.85	HORIZONTAL	Peak
2	4206.011	52.54	30.18	4.60	36.81	50.51	74.00	-23.49	HORIZONTAL	Peak
3	4824.000	51.00	31.45	5.42	36.83	51.04	74.00	-22.96	HORIZONTAL	Peak
4	5898.442	51.43	32.31	5.90	36.90	52.74	74.00	-21.26	HORIZONTAL	Peak
5	7236.000	49.32	35.70	6.03	37.39	53.66	74.00	-20.34	HORIZONTAL	Peak
6	9648.000	45.47	38.40	7.06	37.42	53.51	74.00	-20.49	HORIZONTAL	Peak



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Test Mode: 00; Polarity: Vertical; Modulation: 802.11b; Bandwidth: 20MHz; Channel: Low



Trace: (Discrete)

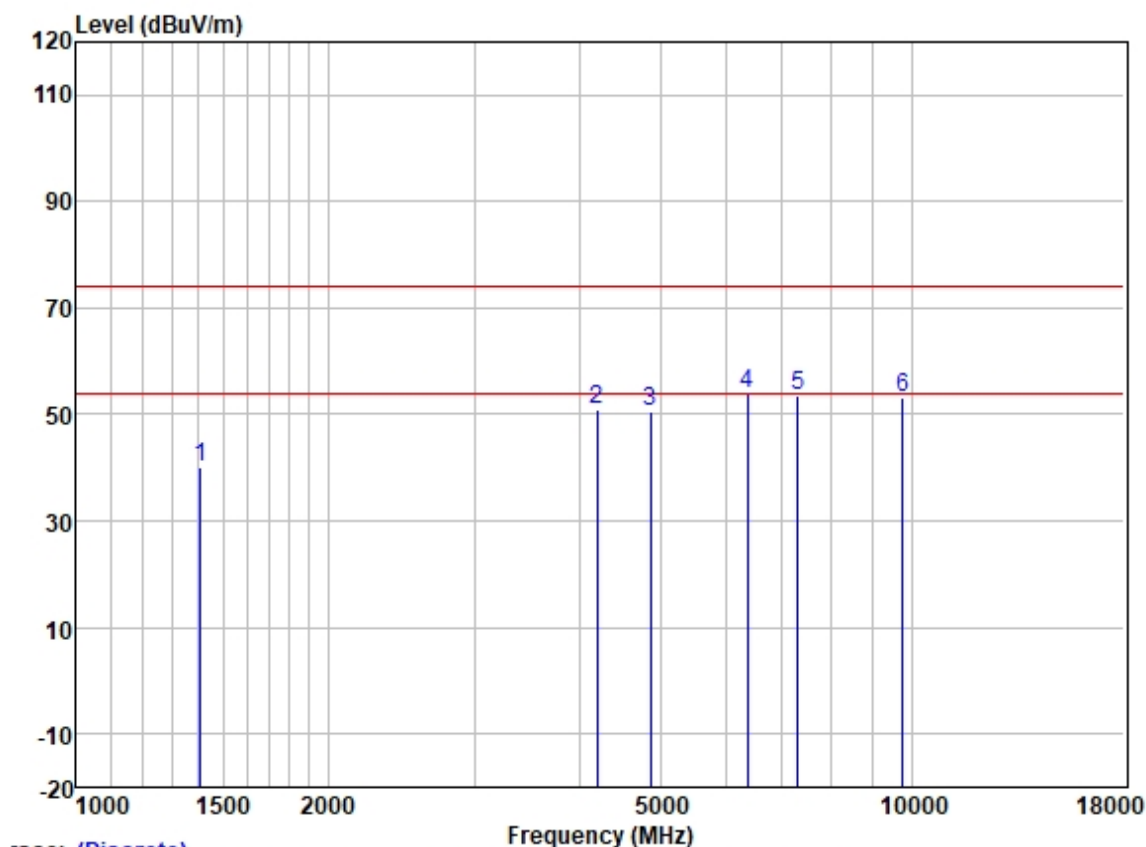
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1199.726	52.70	24.68	2.34	38.39	41.33	74.00	-32.67	VERTICAL	Peak
2	4291.977	52.51	30.45	4.64	36.81	50.79	74.00	-23.21	VERTICAL	Peak
3	4824.000	53.06	31.45	5.42	36.83	53.10	74.00	-20.90	VERTICAL	Peak
4	6934.778	50.31	34.92	5.81	37.19	53.85	74.00	-20.15	VERTICAL	Peak
5	7236.000	48.60	35.70	6.03	37.39	52.94	74.00	-21.06	VERTICAL	Peak
6	9648.000	45.85	38.40	7.06	37.42	53.89	74.00	-20.11	VERTICAL	Peak



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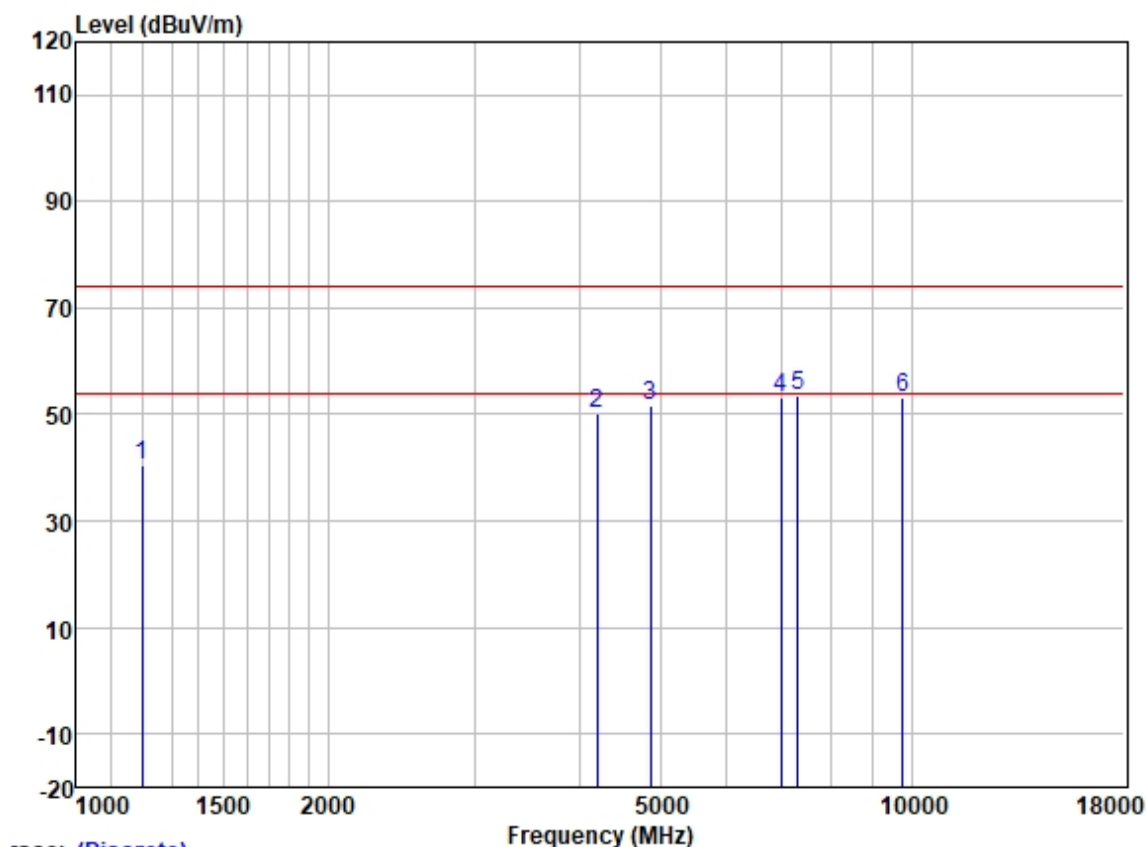
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Test Mode: 00; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:middle



		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	1406.443	50.21	25.40	2.61	38.22	40.00	74.00	-34.00	HORIZONTAL	Peak
2	4206.011	52.84	30.18	4.60	36.81	50.81	74.00	-23.19	HORIZONTAL	Peak
3	4874.000	50.38	31.54	5.50	36.84	50.58	74.00	-23.42	HORIZONTAL	Peak
4	6358.789	51.17	33.63	5.92	36.97	53.75	74.00	-20.25	HORIZONTAL	Peak
5	7311.000	49.11	35.93	6.11	37.42	53.73	74.00	-20.27	HORIZONTAL	Peak
6	9748.000	44.98	38.50	7.02	37.41	53.09	74.00	-20.91	HORIZONTAL	Peak

Test Mode: 00; Polarity: Vertical; Modulation: 802.11b; Bandwidth: 20MHz; Channel: middle



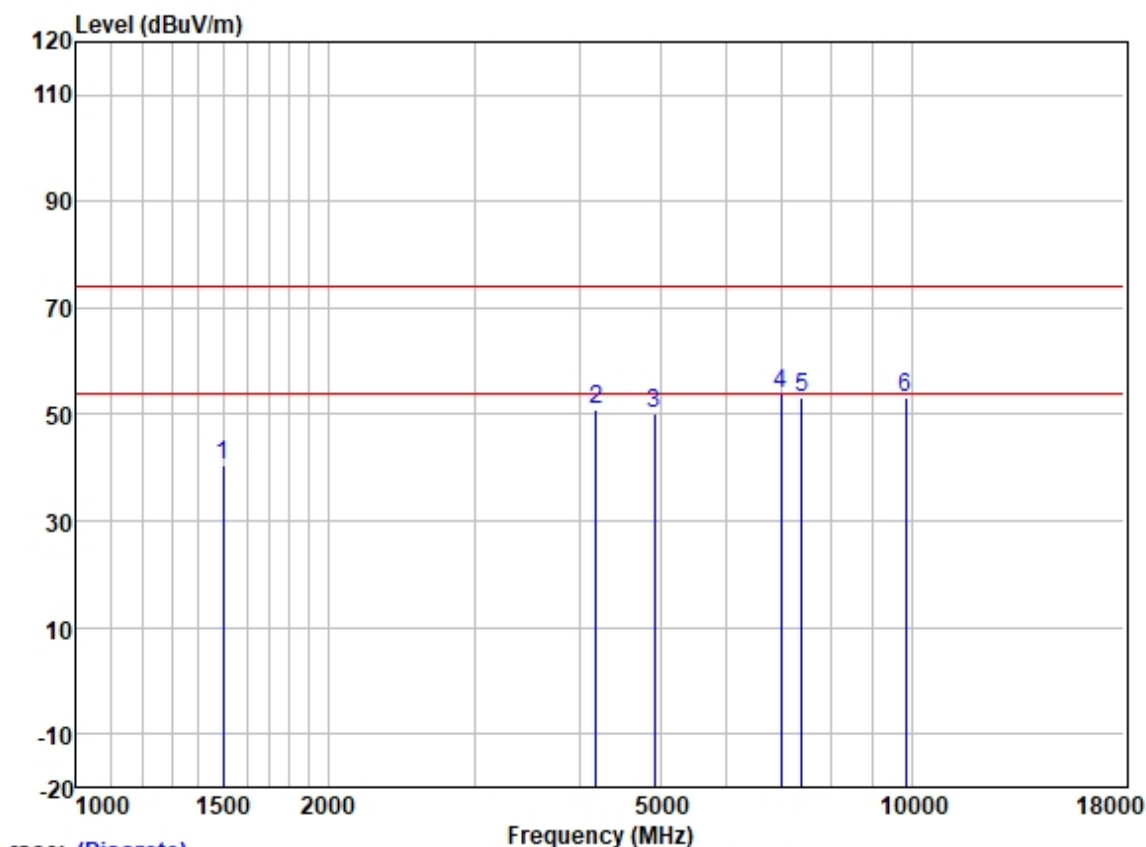
Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1199.726	51.87	24.68	2.34	38.39	40.50	74.00	-33.50	VERTICAL	Peak
2	4206.011	52.31	30.18	4.60	36.81	50.28	74.00	-23.72	VERTICAL	Peak
3	4874.000	51.43	31.54	5.50	36.84	51.63	74.00	-22.37	VERTICAL	Peak
4	6974.982	49.48	34.97	5.81	37.23	53.03	74.00	-20.97	VERTICAL	Peak
5	7311.000	48.93	35.93	6.11	37.42	53.55	74.00	-20.45	VERTICAL	Peak
6	9748.000	44.91	38.50	7.02	37.41	53.02	74.00	-20.98	VERTICAL	Peak



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Test Mode: 00; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:High



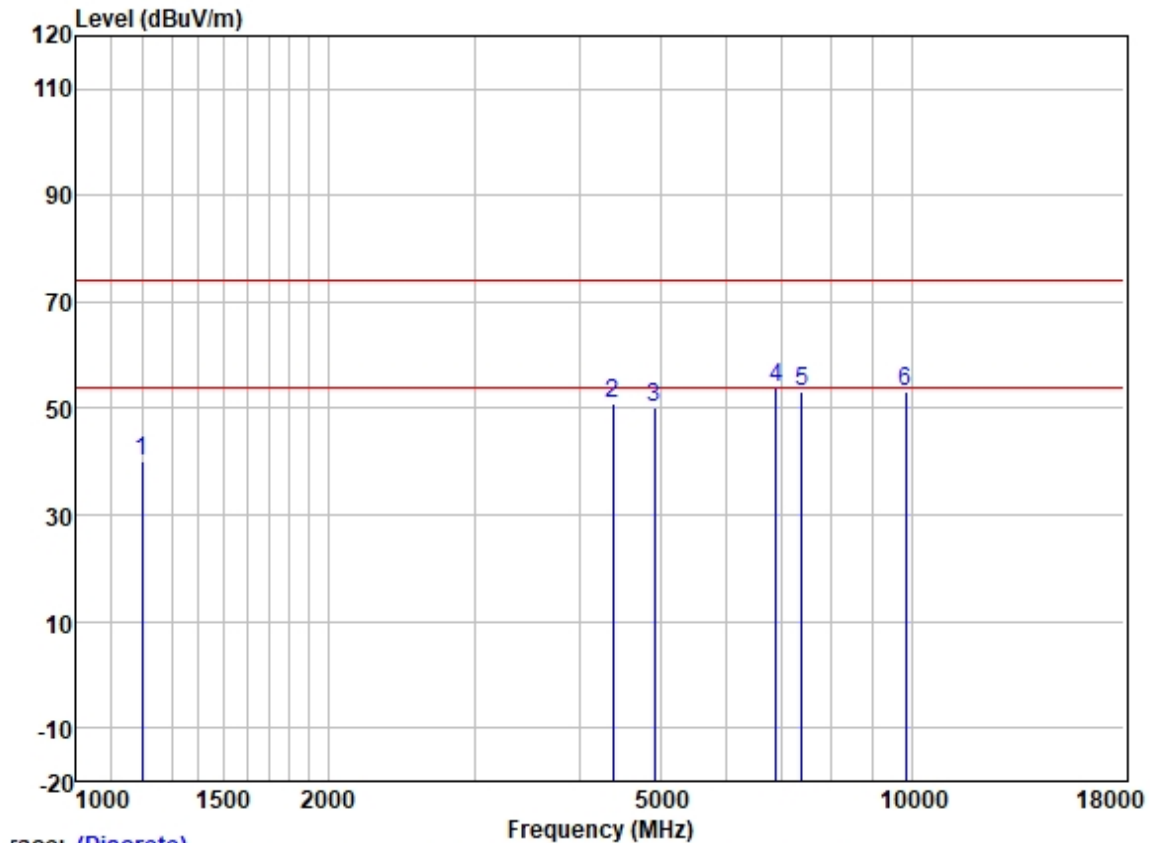
Trace: (Discrete)

		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	1498.781	50.42	25.50	2.80	38.10	40.62	74.00	-33.38	HORIZONTAL	Peak
2	4193.872	52.90	30.15	4.60	36.81	50.84	74.00	-23.16	HORIZONTAL	Peak
3	4924.000	49.71	31.62	5.60	36.84	50.09	74.00	-23.91	HORIZONTAL	Peak
4	6974.982	50.29	34.97	5.81	37.23	53.84	74.00	-20.16	HORIZONTAL	Peak
5	7386.000	48.24	36.17	6.19	37.45	53.15	74.00	-20.85	HORIZONTAL	Peak
6	9848.000	45.16	38.58	6.99	37.41	53.32	74.00	-20.68	HORIZONTAL	Peak



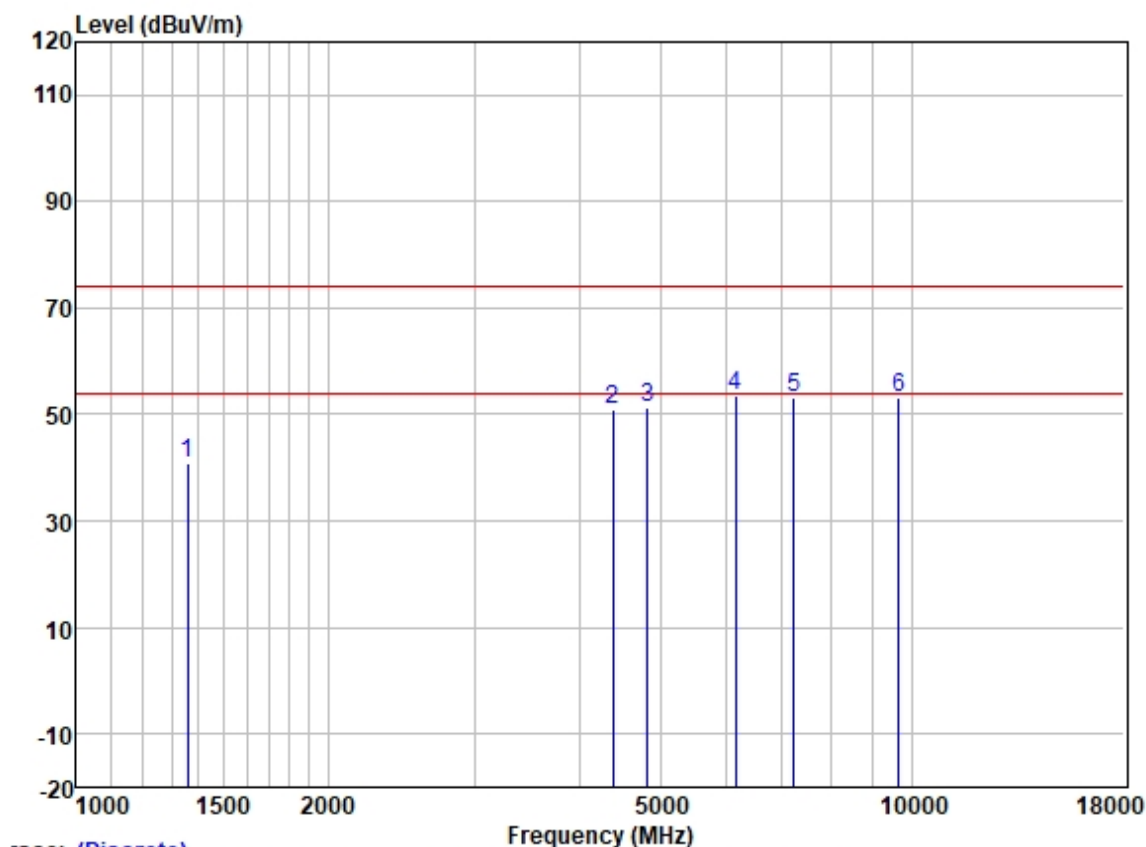
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Test Mode: 00; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:High



	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1199.726	51.45	24.68	2.34	38.39	40.08	74.00	-33.92	VERTICAL	Peak
2	4392.376	52.34	30.66	4.70	36.81	50.89	74.00	-23.11	VERTICAL	Peak
3	4924.000	49.70	31.62	5.60	36.84	50.08	74.00	-23.92	VERTICAL	Peak
4	6874.906	50.27	34.82	5.82	37.16	53.75	74.00	-20.25	VERTICAL	Peak
5	7386.000	48.39	36.17	6.19	37.45	53.30	74.00	-20.70	VERTICAL	Peak
6	9848.000	45.02	38.58	6.99	37.41	53.18	74.00	-20.82	VERTICAL	Peak

Test Mode: 00; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



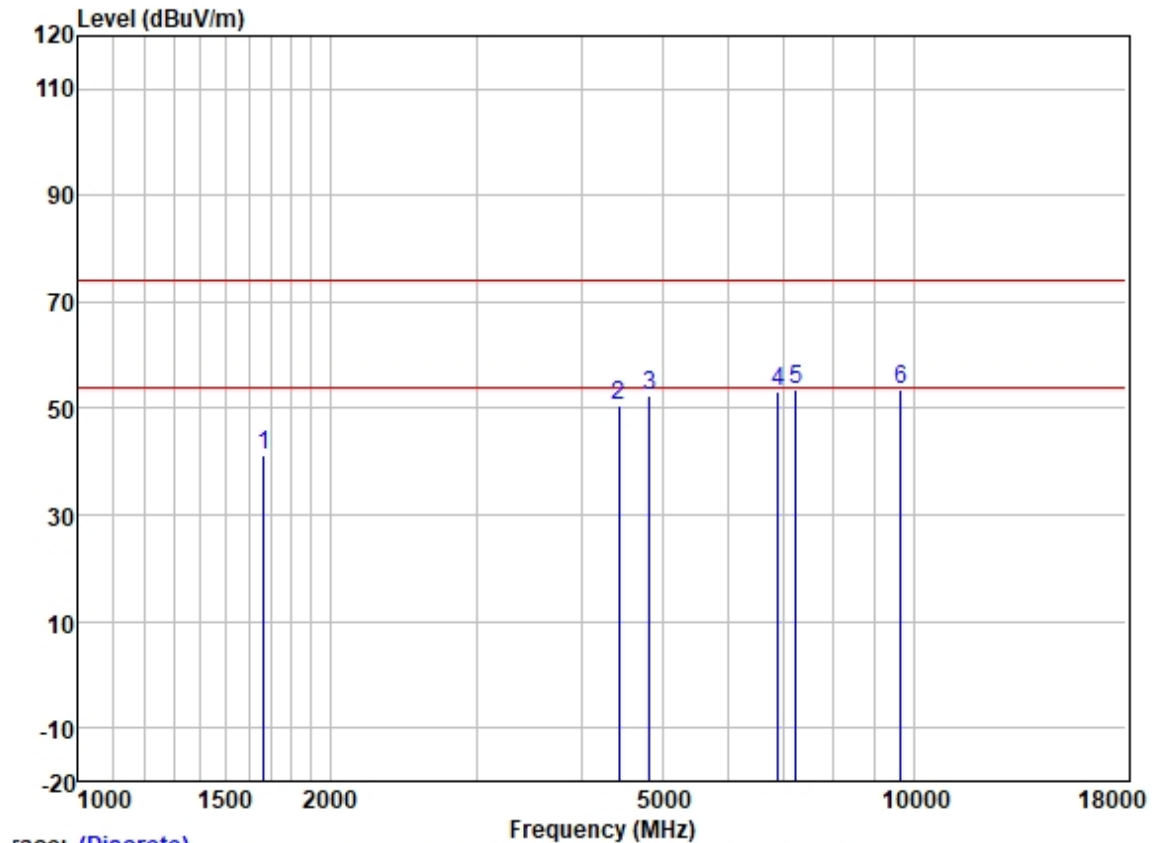
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1358.498	51.29	25.33	2.60	38.27	40.95	74.00	-33.05	HORIZONTAL	Peak
2	4392.376	52.43	30.66	4.70	36.81	50.98	74.00	-23.02	HORIZONTAL	Peak
3	4824.000	51.18	31.45	5.42	36.83	51.22	74.00	-22.78	HORIZONTAL	Peak
4	6159.797	51.69	32.83	6.10	36.93	53.69	74.00	-20.31	HORIZONTAL	Peak
5	7236.000	48.72	35.70	6.03	37.39	53.06	74.00	-20.94	HORIZONTAL	Peak
6	9648.000	45.08	38.40	7.06	37.42	53.12	74.00	-20.88	HORIZONTAL	Peak



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Test Mode: 00; Polarity: Vertical; Modulation:802.11g; 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	1667.951	50.66	25.66	2.80	37.91	41.21	74.00	-32.79	VERTICAL	Peak
2	4443.453	51.87	30.73	4.83	36.81	50.62	74.00	-23.38	VERTICAL	Peak
3	4824.000	52.34	31.45	5.42	36.83	52.38	74.00	-21.62	VERTICAL	Peak
4	6874.906	49.87	34.82	5.82	37.16	53.35	74.00	-20.65	VERTICAL	Peak
5	7236.000	49.39	35.70	6.03	37.39	53.73	74.00	-20.27	VERTICAL	Peak
6	9648.000	45.41	38.40	7.06	37.42	53.45	74.00	-20.55	VERTICAL	Peak