7.4 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
Test Method: KDB 789033 D02 II G
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
960-1000	500	3

7.4.1 E.U.T. Operation

Operating Environment:
Temperature: 23.2 °C Humidity: 50.5 % RH Atmospheric Pressure: 1020 mbar

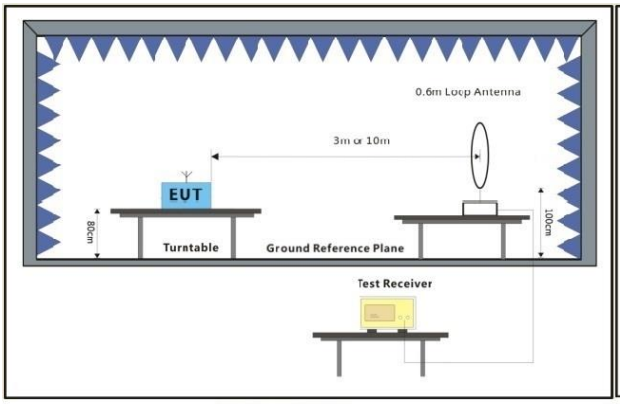
7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	21	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.
Pre-scan	22	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80). Only the data of worst case is recorded in the report.
Pre-scan	23	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of

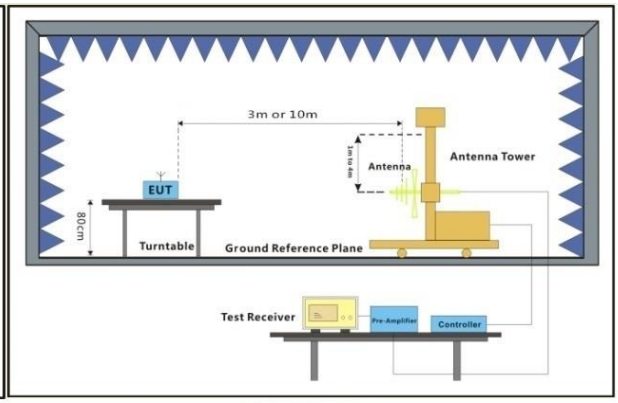
		IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.
Pre-scan	24	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80). Only the data of worst case is recorded in the report.
Pre-scan	25	TX mode (U-NII-5)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.
Pre-scan	26	TX mode (U-NII-6)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.
Pre-scan	27	TX mode (U-NII-7)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.
Final test	28	TX mode (U-NII-8)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst

		case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.

7.4.3 Test Setup Diagram



Below 30MHz



30MHz-1GHz

7.4.4 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 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. 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.

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 (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.

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 quasi-peak 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.

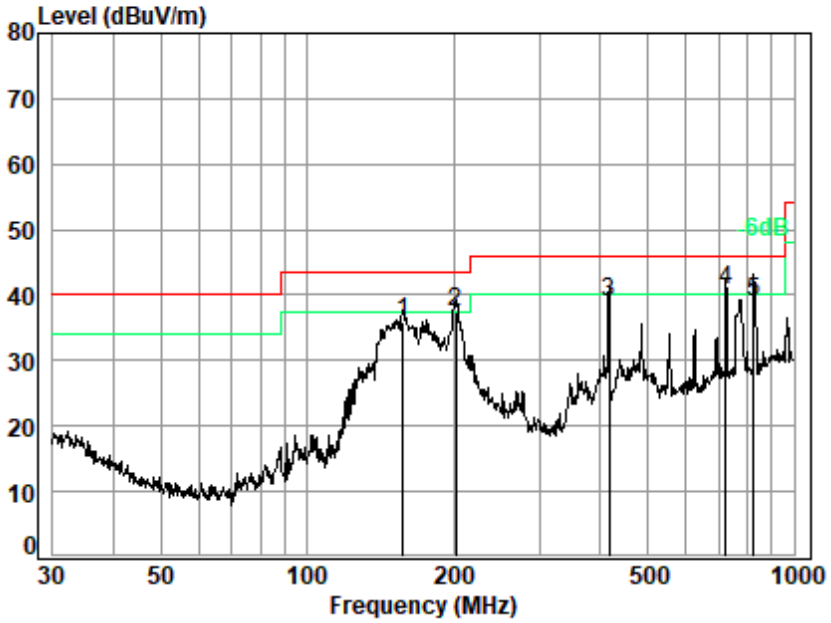
Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.

3. Scan from 9kHz to 30MHz, 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.

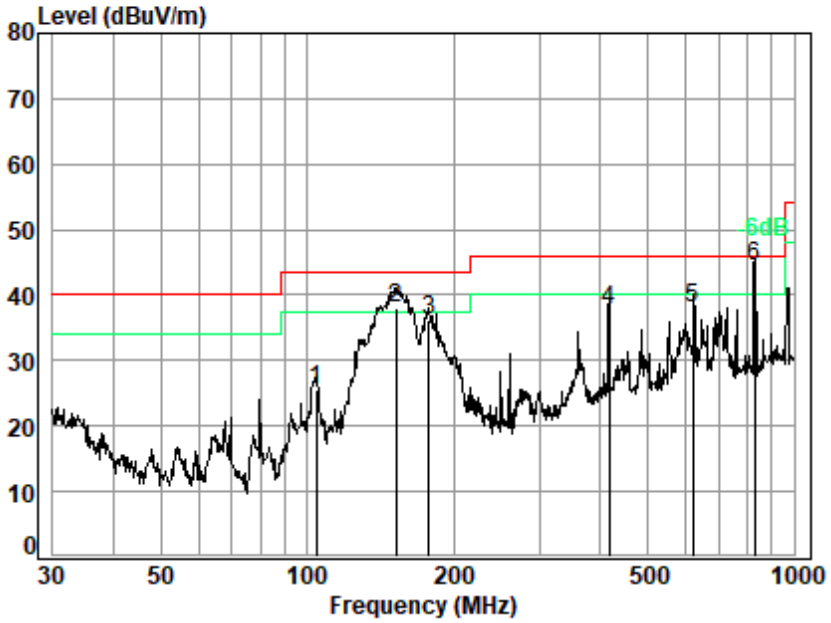
Test Mode: 28; Polarity: Horizontal



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 00952AT
Test Mode: 28

	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	157.56	13.63	1.50	27.40	48.07	35.80	43.50	-7.70	QP
2	201.39	14.20	1.74	27.24	48.67	37.37	43.50	-6.13	QP
3	416.18	20.55	2.61	27.41	43.18	38.93	46.00	-7.07	QP
4 q	724.26	26.22	3.59	27.84	38.65	40.62	46.00	-5.38	QP
5	827.49	26.56	3.90	27.48	36.06	39.04	46.00	-6.96	QP

Test Mode: 28; Polarity: Vertical



Site : chamber
Condition: 3m VERTICAL
Job No. : 00952AT
Test Mode: 28

	Freq	Ant Factor	Cable Loss	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dB	dB	dBuV	dBuV/m	dBuV/m	dB	
1	104.17	12.23	1.21	27.59	39.77	25.62	43.50	-17.88	QP
2	152.13	13.28	1.47	27.42	50.74	38.07	43.50	-5.43	QP
3	178.13	14.01	1.61	27.33	47.85	36.14	43.50	-7.36	QP
4	416.18	20.55	2.61	27.41	41.91	37.66	46.00	-8.34	QP
5	620.71	25.07	3.27	28.17	37.97	38.14	46.00	-7.86	QP
6 q	830.40	26.51	3.91	27.46	41.30	44.26	46.00	-1.74	QP

7.5 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
Test Method: KDB 789033 D02 II G
Measurement Distance: 3m
Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
Above 1GHz	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: 23.0 °C Humidity: 50.6 % RH Atmospheric Pressure: 1020 mbar

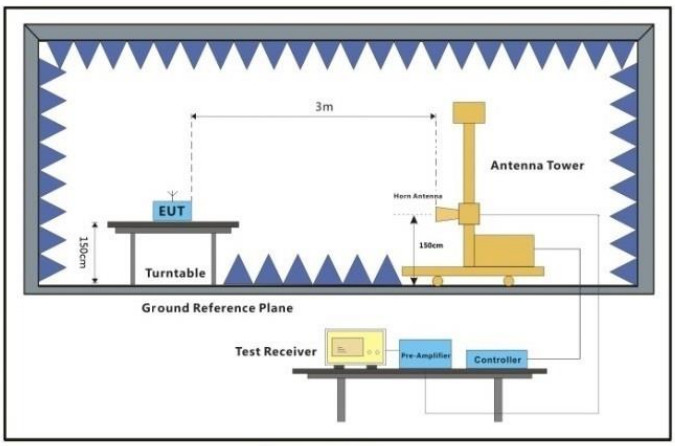
7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	21	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.

Final test	22	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80). Only the data of worst case is recorded in the report.
Final test	23	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.
Final test	24	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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80). Only the data of worst case is recorded in the report.
Final test	25	TX mode (U-NII-5)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.
Final test	26	TX mode (U-NII-6)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.
Final test	27	TX mode (U-NII-7)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE

		802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.
Final test	28	TX mode (U-NII-8)_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 @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT80); data rate @ VHT0 is the worst case of IEEE 802.11ac(HT160); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT80); data rate @ HE0 is the worst case of IEEE 802.11ax(HT160). Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram



Above 1GHz

7.5.4 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 (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.

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 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. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. Scan from 18GHz to 40GHz, 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.

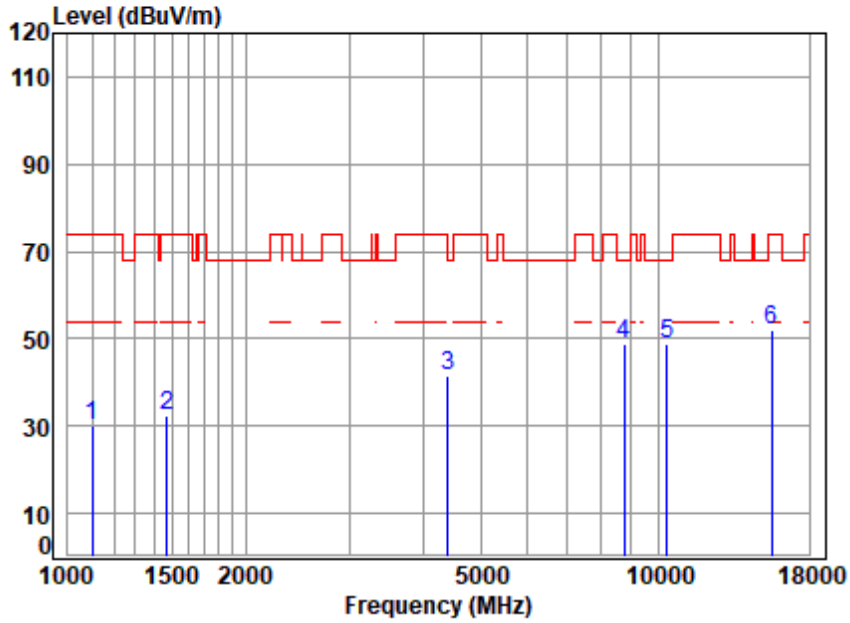
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.

6. All modes and channels have been tested, only record the worst test result.

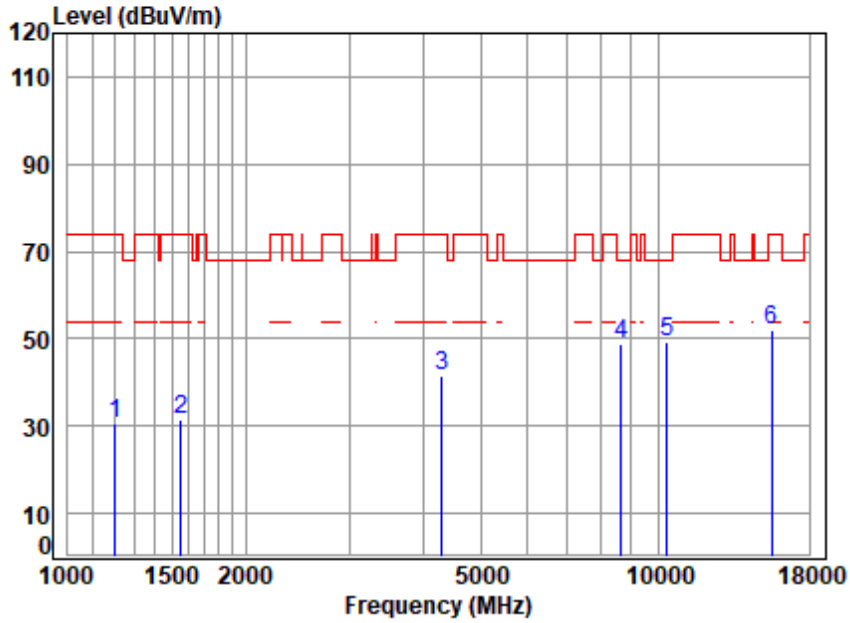
Test Mode: 21; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5180 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1100.079	3.40	23.70	38.32	41.17	29.95	74.00	-44.05	peak
2	1473.013	4.02	26.04	38.38	40.76	32.44	74.00	-41.56	peak
3	4405.090	7.06	34.74	35.79	35.70	41.71	68.20	-26.49	peak
4	8764.146	11.51	36.96	37.37	37.65	48.75	68.20	-19.45	peak
5	p10360.000	12.73	37.10	37.54	36.49	48.78	68.20	-19.42	peak
6	15540.000	14.23	41.10	37.23	33.85	51.95	74.00	-22.05	peak

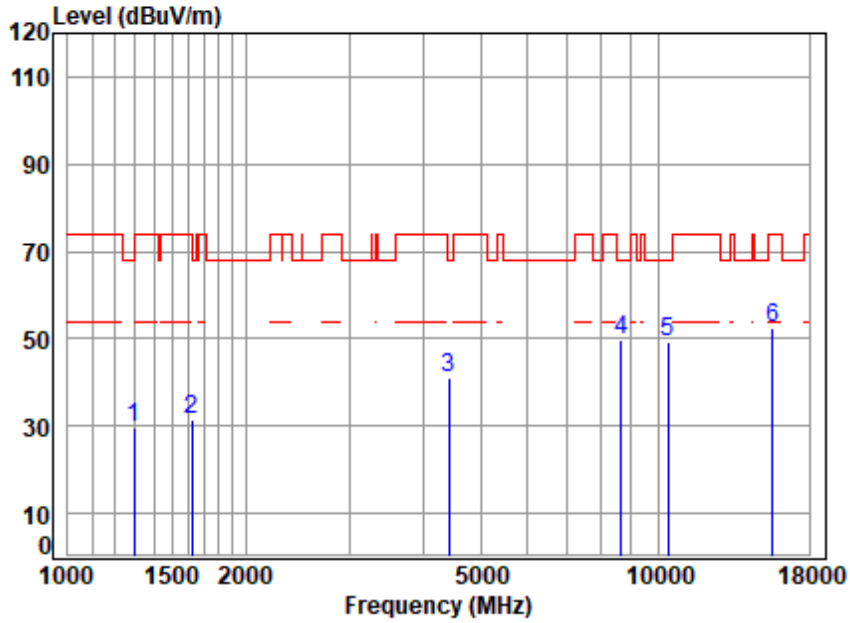
Test Mode: 21; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5180 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1203.199	3.59	24.44	38.34	41.09	30.78	74.00	-43.22	peak
2	1556.169	4.14	26.98	38.40	38.94	31.66	74.00	-42.34	peak
3	4304.400	6.99	34.04	35.87	36.15	41.31	74.00	-32.69	peak
4	8638.399	11.29	36.90	37.24	37.95	48.90	68.20	-19.30	peak
5	p10360.000	12.73	37.10	37.54	36.88	49.17	68.20	-19.03	peak
6	15540.000	14.23	41.10	37.23	33.88	51.98	74.00	-22.02	peak

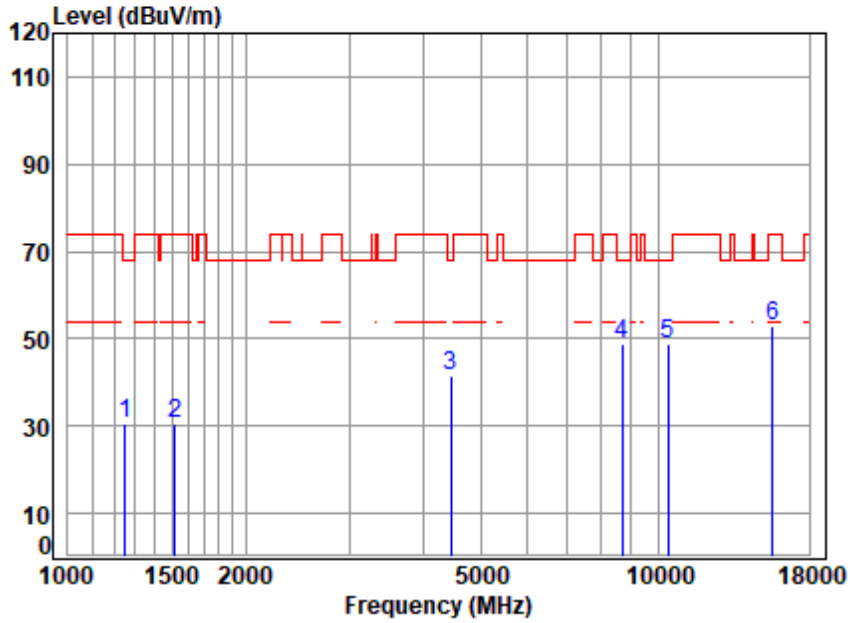
Test Mode: 21; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5200 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	3.75	24.82	38.36	39.47	29.68	68.20	-38.52	peak
2	1625.121	4.23	26.55	38.41	38.93	31.30	74.00	-42.70	peak
3	4417.841	7.07	34.59	35.78	35.39	41.27	68.20	-26.93	peak
4 p	8638.399	11.29	36.90	37.24	38.61	49.56	68.20	-18.64	peak
5	10400.000	12.74	37.10	37.56	37.19	49.47	68.20	-18.73	peak
6	15600.000	14.25	41.10	37.26	34.24	52.33	74.00	-21.67	peak

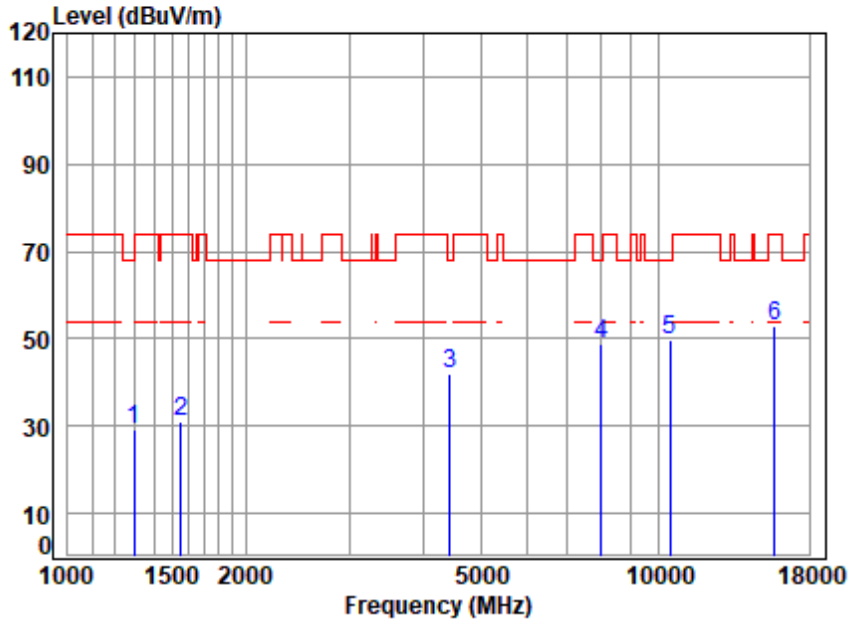
Test Mode: 21; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5200 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.67	25.08	38.35	39.99	30.39	68.20	-37.81	peak
2	1516.210	4.08	26.86	38.39	38.23	30.78	74.00	-43.22	peak
3	4456.315	7.09	34.12	35.76	36.09	41.54	68.20	-26.66	peak
4	8688.480	11.38	36.90	37.30	37.78	48.76	68.20	-19.44	peak
5	p10400.000	12.74	37.10	37.56	36.66	48.94	68.20	-19.26	peak
6	15600.000	14.25	41.10	37.26	35.00	53.09	74.00	-20.91	peak

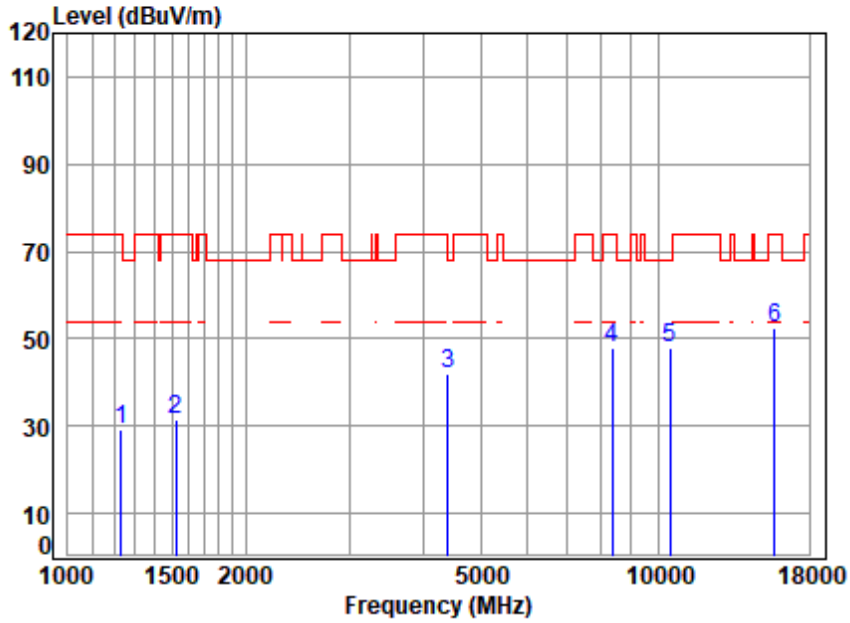
Test Mode: 21; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5240 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1293.359	3.74	24.84	38.36	38.85	29.07	68.20	-39.13	peak
2	1556.169	4.14	26.98	38.40	38.25	30.97	74.00	-43.03	peak
3	4430.628	7.08	34.43	35.77	36.11	41.85	68.20	-26.35	peak
4	8013.020	10.13	36.40	36.57	38.93	48.89	68.20	-19.31	peak
5	p10480.000	12.76	37.26	37.60	37.27	49.69	68.20	-18.51	peak
6	15720.000	14.29	41.22	37.31	34.60	52.80	74.00	-21.20	peak

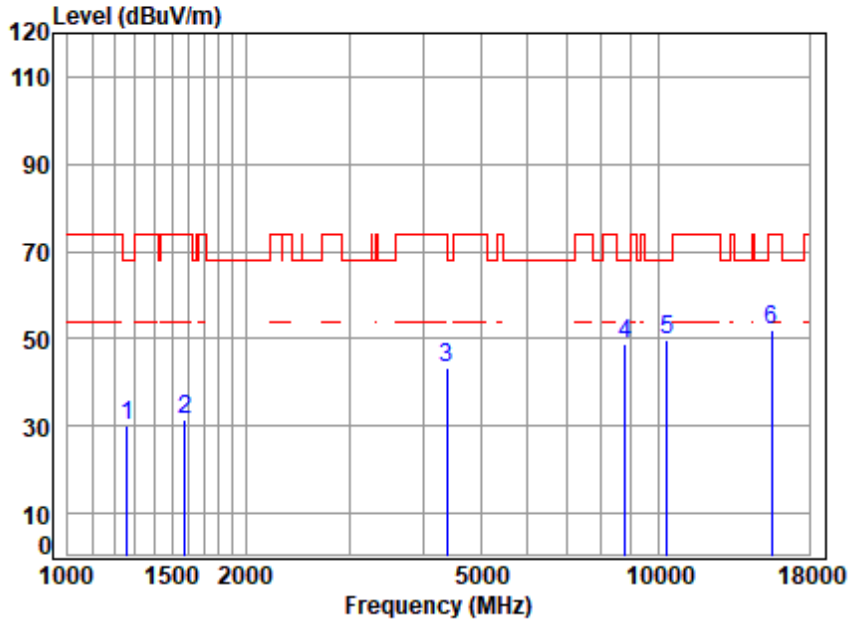
Test Mode: 21; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5240 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.64	24.84	38.35	39.28	29.41	74.00	-44.59	peak
2	1525.000	4.10	26.90	38.39	38.98	31.59	74.00	-42.41	peak
3	4405.090	7.06	34.74	35.79	36.19	42.20	68.20	-26.00	peak
4	8343.918	10.75	36.70	36.94	37.59	48.10	74.00	-25.90	peak
5	p10480.000	12.76	37.26	37.60	35.67	48.09	68.20	-20.11	peak
6	15720.000	14.29	41.22	37.31	34.35	52.55	74.00	-21.45	peak

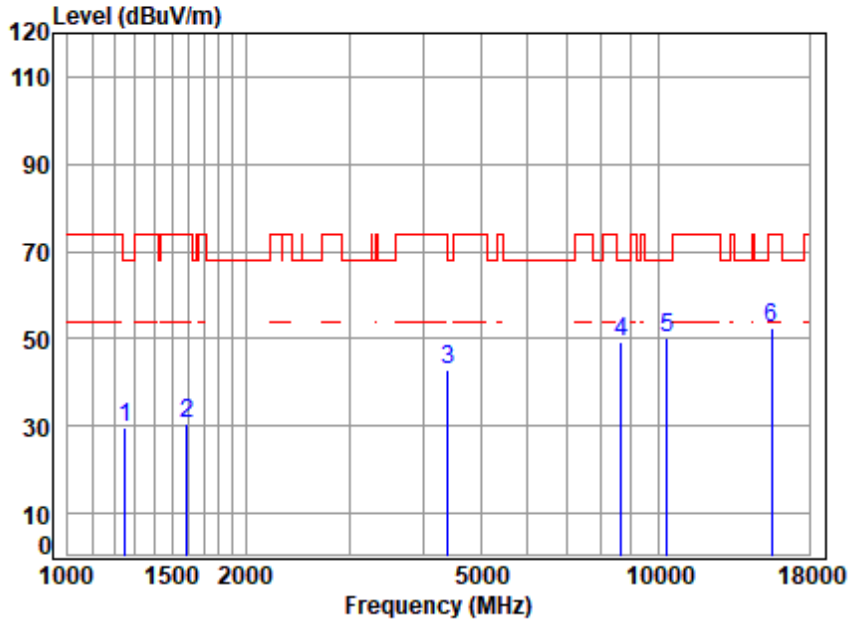
Test Mode: 21; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5180 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.149	3.69	25.04	38.35	39.85	30.23	68.20	-37.97	peak
2	1578.822	4.17	26.88	38.40	38.70	31.35	74.00	-42.65	peak
3	4392.376	7.05	34.74	35.80	37.25	43.24	74.00	-30.76	peak
4	8789.516	11.55	37.06	37.40	37.40	48.61	68.20	-19.59	peak
5	p10360.000	12.73	37.10	37.54	37.33	49.62	68.20	-18.58	peak
6	15540.000	14.23	41.10	37.23	34.07	52.17	74.00	-21.83	peak

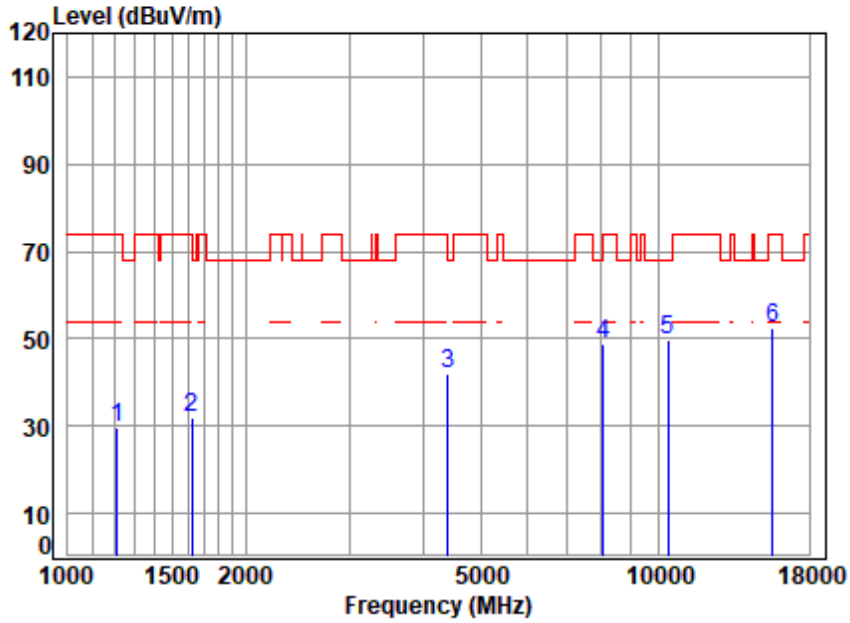
Test Mode: 21; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5180 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	3.67	25.09	38.35	39.37	29.78	68.20	-38.42	peak
2	1592.571	4.19	26.83	38.40	38.14	30.76	74.00	-43.24	peak
3	4405.090	7.06	34.74	35.79	36.69	42.70	68.20	-25.50	peak
4	8638.399	11.29	36.90	37.24	38.10	49.05	68.20	-19.15	peak
5	p10360.000	12.73	37.10	37.54	37.81	50.10	68.20	-18.10	peak
6	15540.000	14.23	41.10	37.23	34.32	52.42	74.00	-21.58	peak

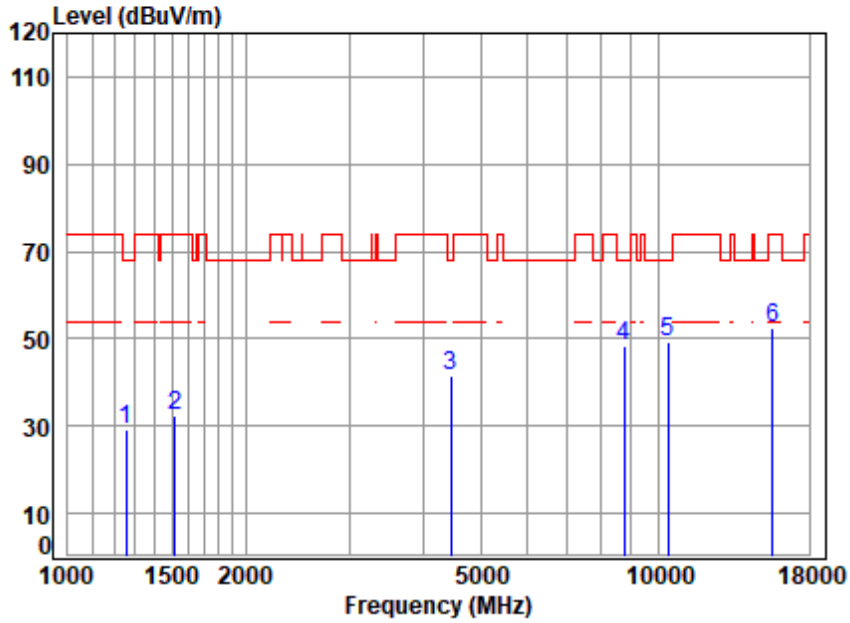
Test Mode: 21; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5200 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1210.174	3.60	24.54	38.34	39.95	29.75	74.00	-44.25	peak
2	1620.431	4.23	26.60	38.40	39.31	31.74	74.00	-42.26	peak
3	4405.090	7.06	34.74	35.79	36.04	42.05	68.20	-26.15	peak
4	8059.475	10.21	36.42	36.63	38.69	48.69	74.00	-25.31	peak
5	p10400.000	12.74	37.10	37.56	37.55	49.83	68.20	-18.37	peak
6	15600.000	14.25	41.10	37.26	34.36	52.45	74.00	-21.55	peak

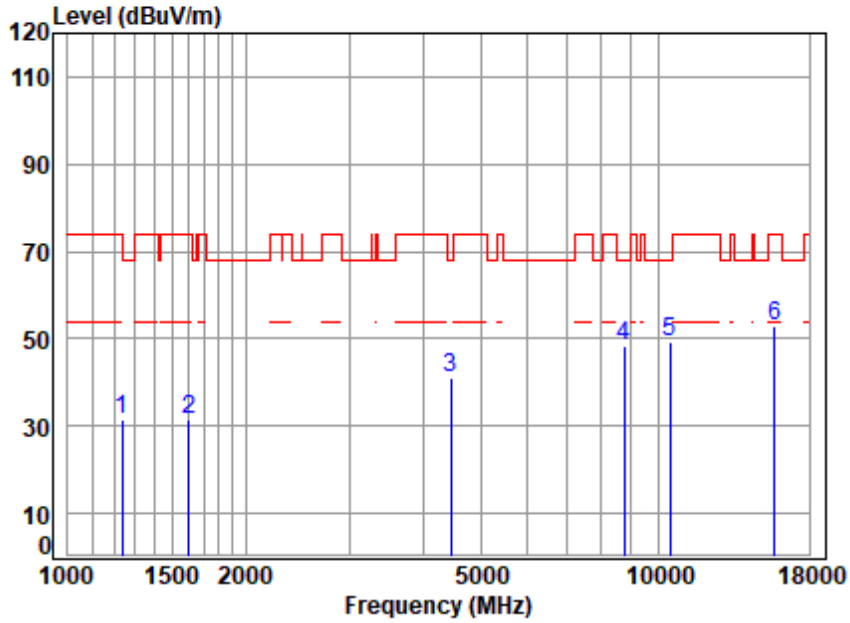
Test Mode: 21; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5200 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	38.74	29.13	68.20	-39.07	peak
2	1516.210	4.08	26.86	38.39	39.70	32.25	74.00	-41.75	peak
3	4456.315	7.09	34.12	35.76	36.14	41.59	68.20	-26.61	peak
4	8764.146	11.51	36.96	37.37	37.27	48.37	68.20	-19.83	peak
5	p10400.000	12.74	37.10	37.56	37.13	49.41	68.20	-18.79	peak
6	15600.000	14.25	41.10	37.26	34.61	52.70	74.00	-21.30	peak

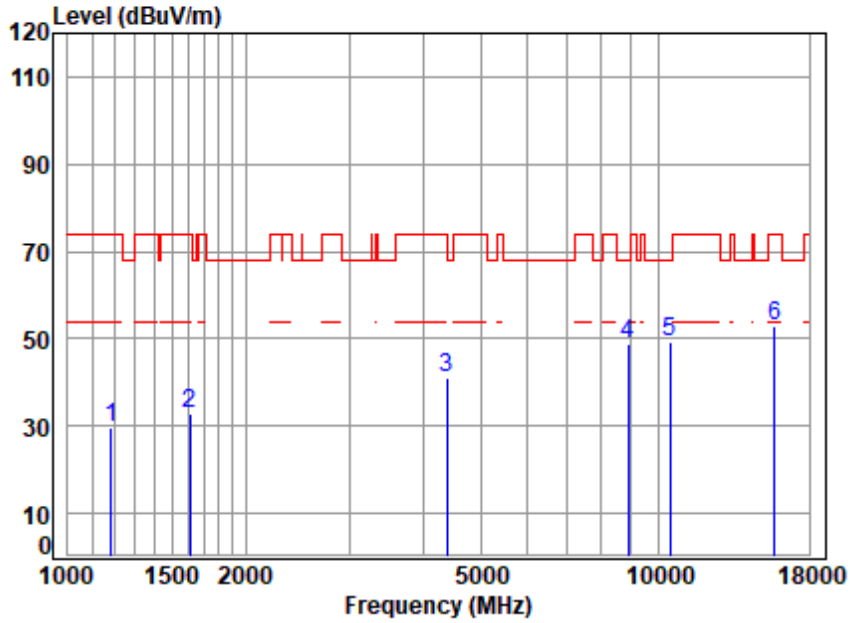
Test Mode: 21; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5240 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	41.28	31.52	74.00	-42.48	peak
2	1601.804	4.20	26.78	38.40	38.79	31.37	74.00	-42.63	peak
3	4456.315	7.09	34.12	35.76	35.70	41.15	68.20	-27.05	peak
4	8764.146	11.51	36.96	37.37	37.45	48.55	68.20	-19.65	peak
5	p10480.000	12.76	37.26	37.60	37.03	49.45	68.20	-18.75	peak
6	15720.000	14.29	41.22	37.31	34.54	52.74	74.00	-21.26	peak

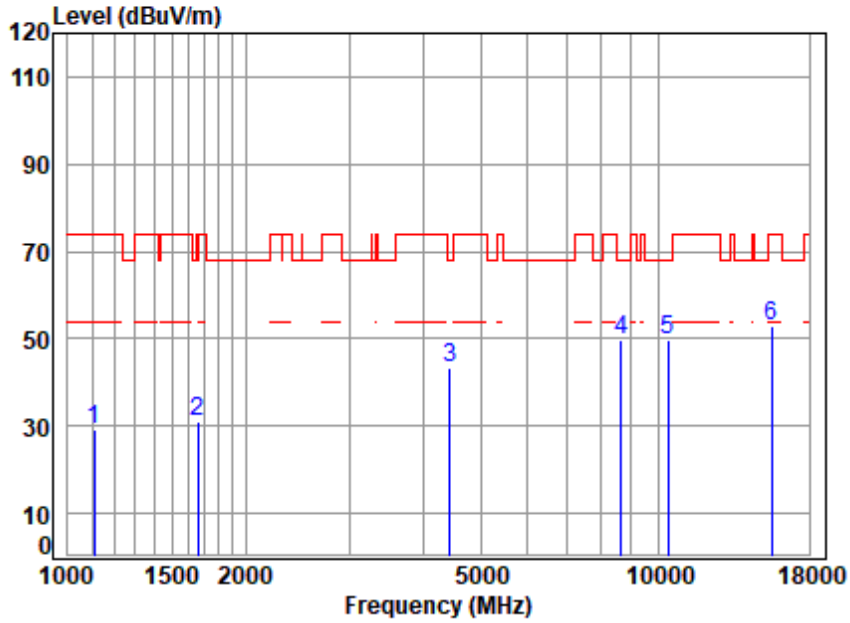
Test Mode: 21; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5240 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1185.936	3.56	24.26	38.34	40.10	29.58	74.00	-44.42	peak
2	1611.091	4.22	26.69	38.40	40.31	32.82	74.00	-41.18	peak
3	4379.699	7.04	34.64	35.81	35.27	41.14	74.00	-32.86	peak
4	8891.725	11.73	37.20	37.50	37.17	48.60	68.20	-19.60	peak
5	p10480.000	12.76	37.26	37.60	36.72	49.14	68.20	-19.06	peak
6	15720.000	14.29	41.22	37.31	34.57	52.77	74.00	-21.23	peak

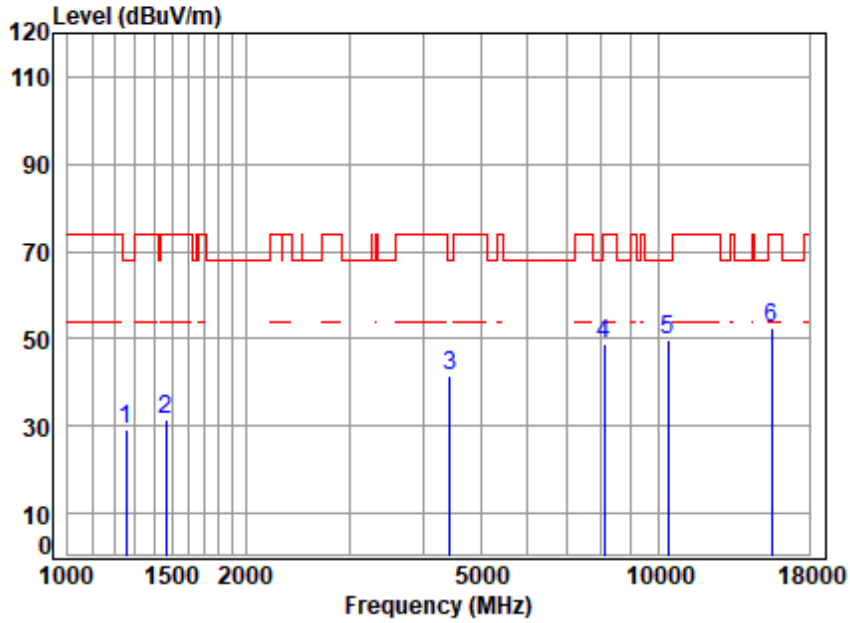
Test Mode: 21; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5190 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1109.660	3.41	23.74	38.32	40.39	29.22	74.00	-44.78	peak
2	1663.137	4.28	26.27	38.41	38.78	30.92	74.00	-43.08	peak
3	4430.628	7.08	34.43	35.77	37.69	43.43	68.20	-24.77	peak
4	8663.404	11.33	36.90	37.27	38.74	49.70	68.20	-18.50	peak
5	p10380.000	12.74	37.10	37.55	37.60	49.89	68.20	-18.31	peak
6	15570.000	14.24	41.10	37.25	34.75	52.84	74.00	-21.16	peak

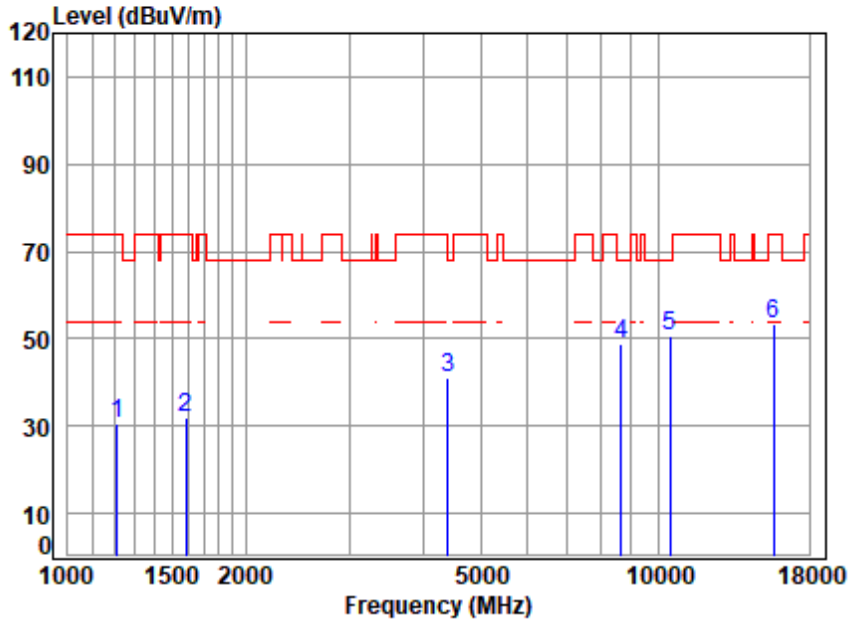
Test Mode: 21; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5190 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	38.79	29.18	68.20	-39.02	peak
2	1468.761	4.02	25.93	38.38	39.91	31.48	74.00	-42.52	peak
3	4430.628	7.08	34.43	35.77	35.90	41.64	68.20	-26.56	peak
4	8106.200	10.30	36.50	36.68	38.73	48.85	74.00	-25.15	peak
5	p10380.000	12.74	37.10	37.55	37.65	49.94	68.20	-18.26	peak
6	15570.000	14.24	41.10	37.25	34.50	52.59	74.00	-21.41	peak

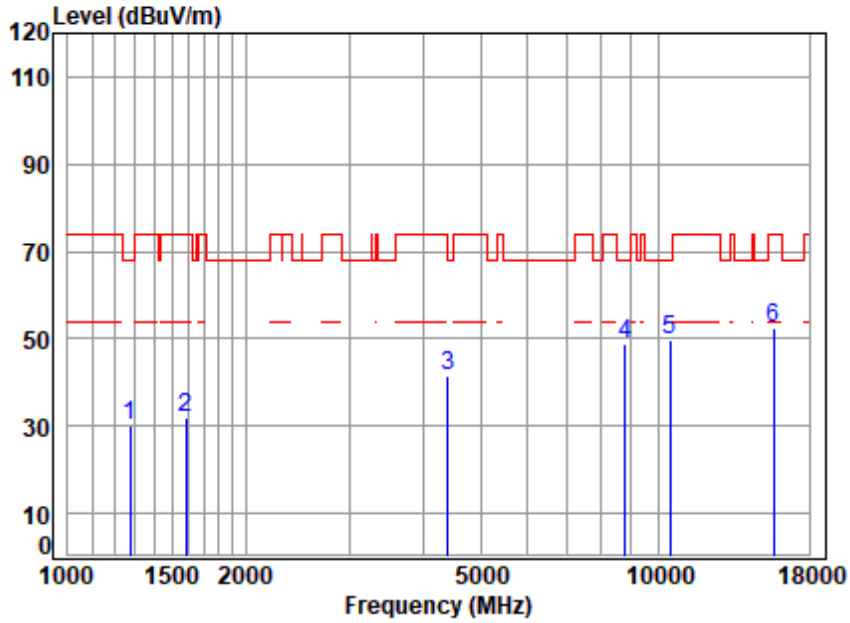
Test Mode: 21; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5230 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1210.174	3.60	24.54	38.34	40.61	30.41	74.00	-43.59	peak
2	1587.975	4.18	26.85	38.40	39.24	31.87	74.00	-42.13	peak
3	4405.090	7.06	34.74	35.79	35.14	41.15	68.20	-27.05	peak
4	8663.404	11.33	36.90	37.27	38.04	49.00	68.20	-19.20	peak
5	p10460.000	12.76	37.22	37.59	38.42	50.81	68.20	-17.39	peak
6	15690.000	14.28	41.19	37.30	35.07	53.24	74.00	-20.76	peak

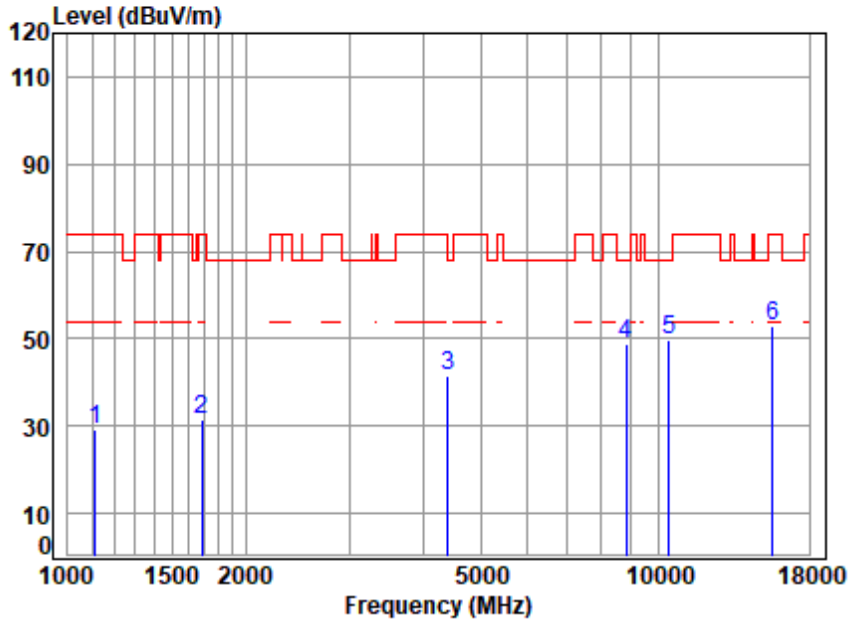
Test Mode: 21; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5230 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.71	24.95	38.35	39.73	30.04	68.20	-38.16	peak
2	1583.392	4.18	26.87	38.40	39.15	31.80	74.00	-42.20	peak
3	4405.090	7.06	34.74	35.79	35.45	41.46	68.20	-26.74	peak
4	8789.516	11.55	37.06	37.40	37.49	48.70	68.20	-19.50	peak
5	p10460.000	12.76	37.22	37.59	37.30	49.69	68.20	-18.51	peak
6	15690.000	14.28	41.19	37.30	34.31	52.48	74.00	-21.52	peak

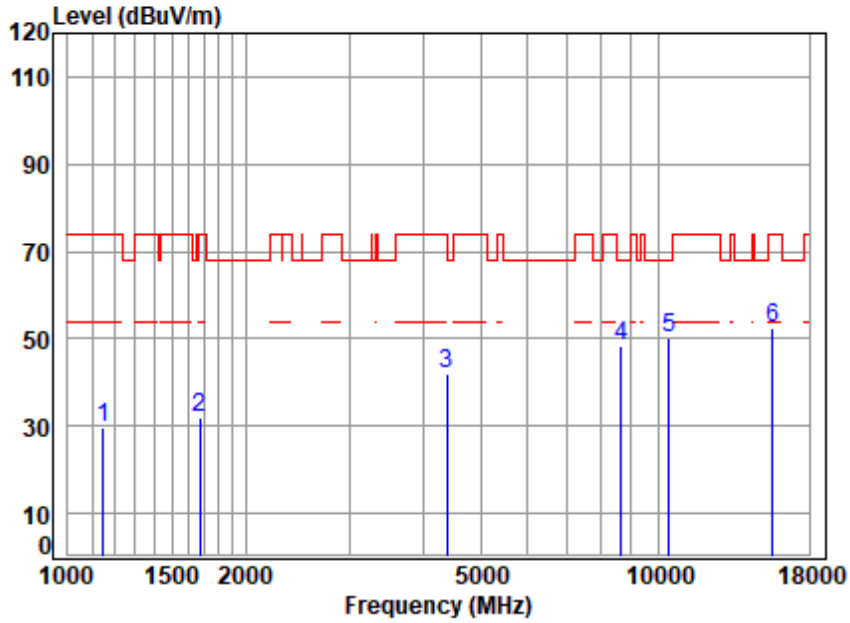
Test Mode: 21; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5210 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1112.872	3.42	23.75	38.32	40.57	29.42	74.00	-44.58	peak
2	1687.347	4.31	26.23	38.41	39.28	31.41	74.00	-42.59	peak
3	4405.090	7.06	34.74	35.79	35.67	41.68	68.20	-26.52	peak
4	8814.957	11.60	37.13	37.42	37.62	48.93	68.20	-19.27	peak
5	p10420.000	12.75	37.14	37.57	37.52	49.84	68.20	-18.36	peak
6	15630.000	14.26	41.13	37.27	34.86	52.98	74.00	-21.02	peak

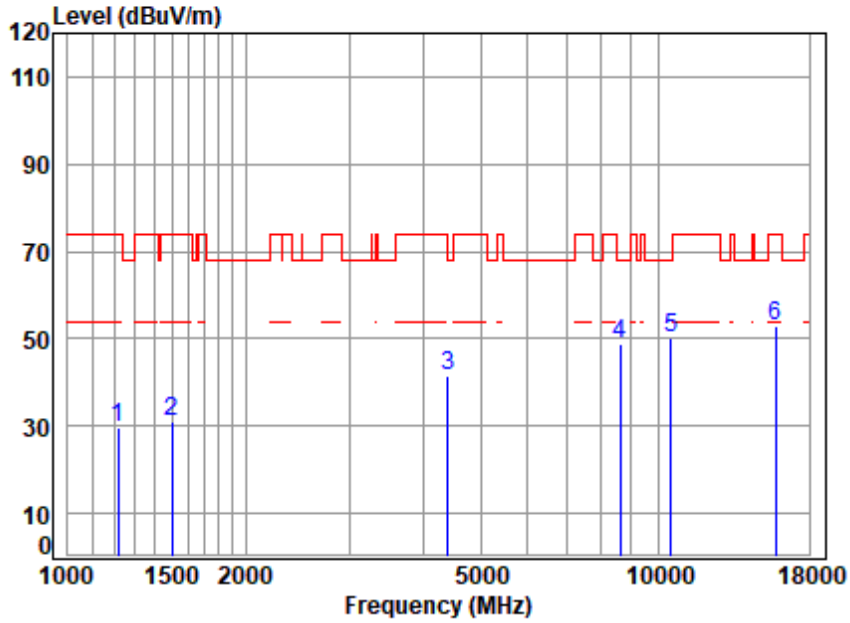
Test Mode: 21; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5210 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	3.49	23.90	38.33	40.79	29.85	74.00	-44.15	peak
2	1672.779	4.30	26.25	38.41	39.85	31.99	74.00	-42.01	peak
3	4392.376	7.05	34.74	35.80	35.86	41.85	74.00	-32.15	peak
4	8638.399	11.29	36.90	37.24	37.56	48.51	68.20	-19.69	peak
5	p10420.000	12.75	37.14	37.57	37.78	50.10	68.20	-18.10	peak
6	15630.000	14.26	41.13	37.27	34.47	52.59	74.00	-21.41	peak

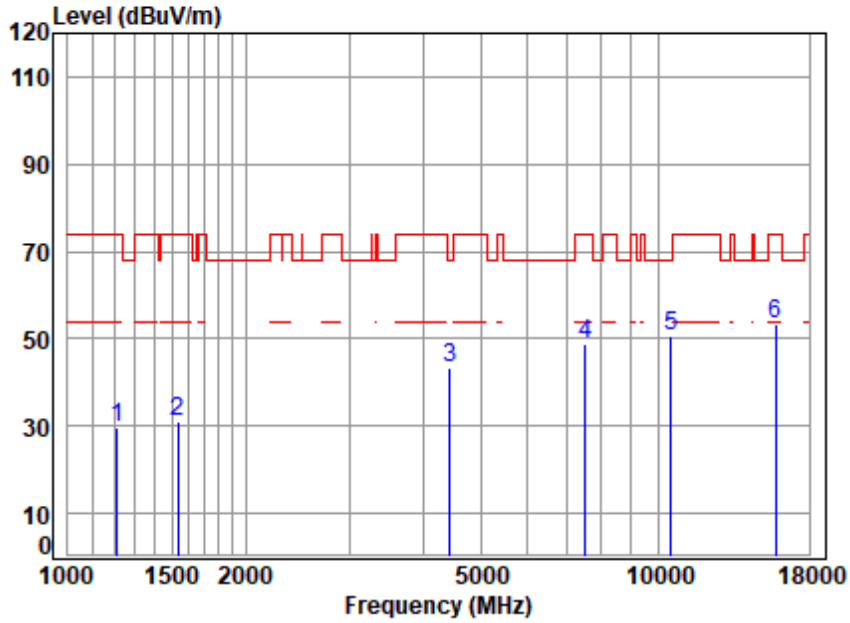
Test Mode: 22; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5260 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.190	3.61	24.64	38.34	39.85	29.76	74.00	-44.24	peak
2	1503.119	4.07	26.81	38.39	38.56	31.05	74.00	-42.95	peak
3	4405.090	7.06	34.74	35.79	35.33	41.34	68.20	-26.86	peak
4	8613.468	11.24	36.90	37.22	38.10	49.02	68.20	-19.18	peak
5	p10520.000	12.77	37.30	37.62	37.58	50.03	68.20	-18.17	peak
6	15780.000	14.31	41.28	37.33	34.49	52.75	74.00	-21.25	peak

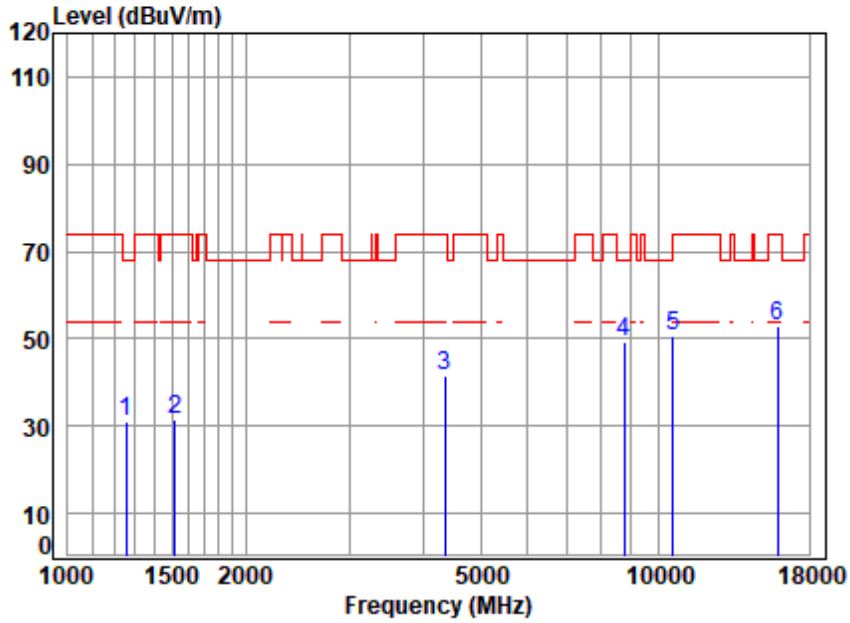
Test Mode: 22; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5260 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1210.174	3.60	24.54	38.34	39.71	29.51	74.00	-44.49	peak
2	1533.841	4.11	26.94	38.39	38.17	30.83	74.00	-43.17	peak
3	4430.628	7.08	34.43	35.77	37.41	43.15	68.20	-25.05	peak
4	7519.349	9.55	36.10	36.10	39.05	48.60	74.00	-25.40	peak
5	p10520.000	12.77	37.30	37.62	38.12	50.57	68.20	-17.63	peak
6	15780.000	14.31	41.28	37.33	35.15	53.41	74.00	-20.59	peak

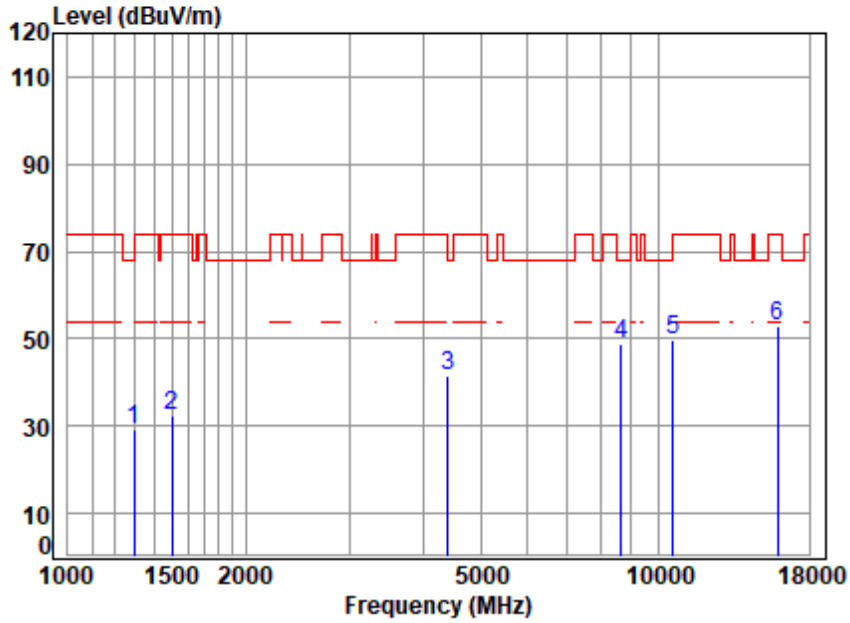
Test Mode: 22; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5300 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	40.66	31.05	68.20	-37.15	peak
2	1520.598	4.09	26.88	38.39	38.68	31.26	74.00	-42.74	peak
3	4354.454	7.03	34.44	35.83	36.07	41.71	74.00	-32.29	peak
4	8764.146	11.51	36.96	37.37	38.14	49.24	68.20	-18.96	peak
5	p10600.000	12.80	37.30	37.66	38.28	50.72	68.20	-17.48	peak
6	15900.000	14.35	41.40	37.38	34.50	52.87	74.00	-21.13	peak

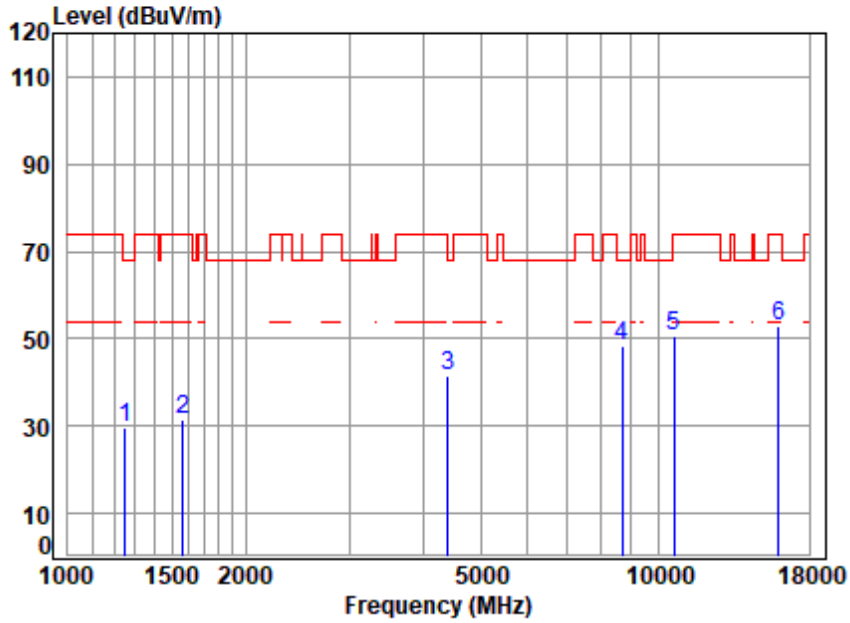
Test Mode: 22; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5300 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	3.75	24.82	38.36	39.02	29.23	68.20	-38.97	peak
2	1498.781	4.06	26.77	38.39	40.14	32.58	74.00	-41.42	peak
3	4405.090	7.06	34.74	35.79	35.53	41.54	68.20	-26.66	peak
4	8663.404	11.33	36.90	37.27	37.84	48.80	68.20	-19.40	peak
5	p10600.000	12.80	37.30	37.66	37.18	49.62	68.20	-18.58	peak
6	15900.000	14.35	41.40	37.38	34.53	52.90	74.00	-21.10	peak

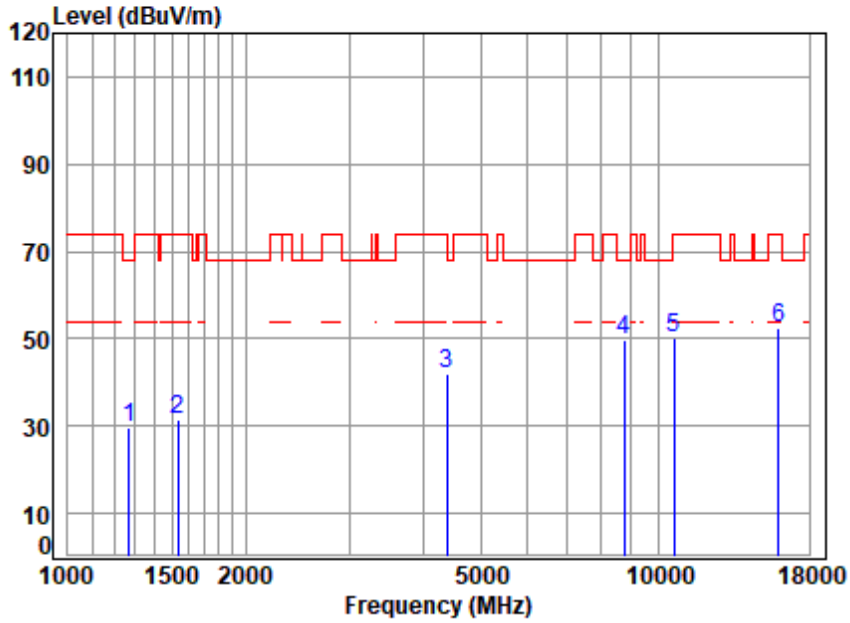
Test Mode: 22; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.67	25.08	38.35	39.21	29.61	68.20	-38.59	peak
2	1565.191	4.15	26.94	38.40	38.91	31.60	74.00	-42.40	peak
3	4405.090	7.06	34.74	35.79	35.44	41.45	68.20	-26.75	peak
4 p	8688.480	11.38	36.90	37.30	37.35	48.33	68.20	-19.87	peak
5	10640.000	12.81	37.22	37.68	38.22	50.57	74.00	-23.43	peak
6	15960.000	14.37	41.52	37.40	34.36	52.85	74.00	-21.15	peak

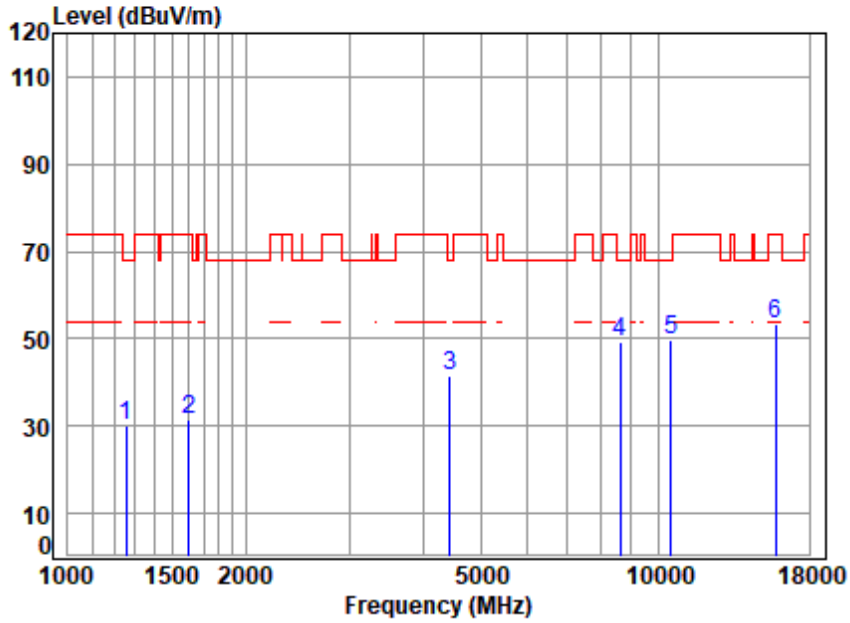
Test Mode: 22; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5320 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	3.71	24.97	38.35	39.50	29.83	68.20	-38.37	peak
2	1538.281	4.12	26.95	38.39	38.82	31.50	74.00	-42.50	peak
3	4379.699	7.04	34.64	35.81	36.29	42.16	74.00	-31.84	peak
4 p	8738.852	11.47	36.90	37.35	38.64	49.66	68.20	-18.54	peak
5	10640.000	12.81	37.22	37.68	37.90	50.25	74.00	-23.75	peak
6	15960.000	14.37	41.52	37.40	34.15	52.64	74.00	-21.36	peak

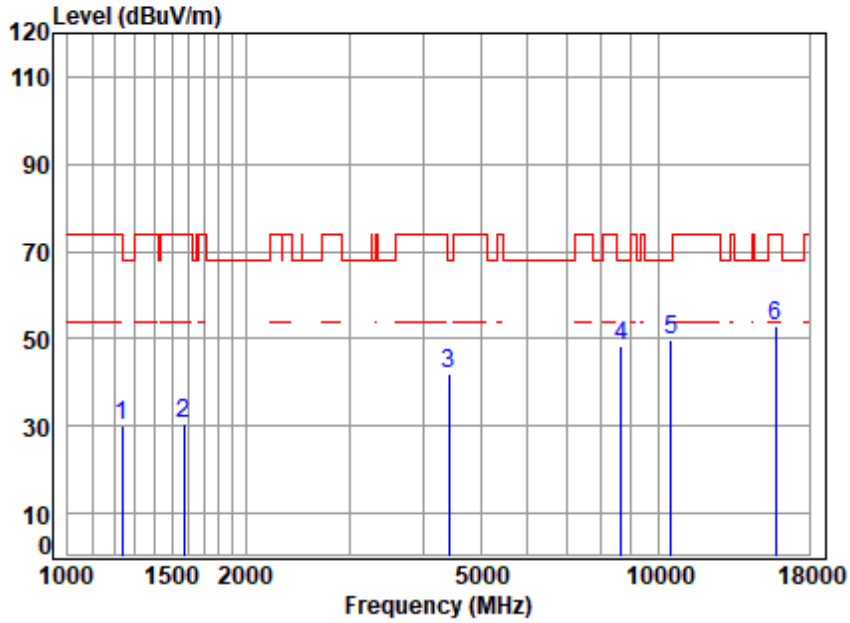
Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5260 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	39.52	29.91	68.20	-38.29	peak
2	1601.804	4.20	26.78	38.40	38.78	31.36	74.00	-42.64	peak
3	4430.628	7.08	34.43	35.77	35.85	41.59	68.20	-26.61	peak
4	8613.468	11.24	36.90	37.22	38.35	49.27	68.20	-18.93	peak
5	p10520.000	12.77	37.30	37.62	37.41	49.86	68.20	-18.34	peak
6	15780.000	14.31	41.28	37.33	34.92	53.18	74.00	-20.82	peak

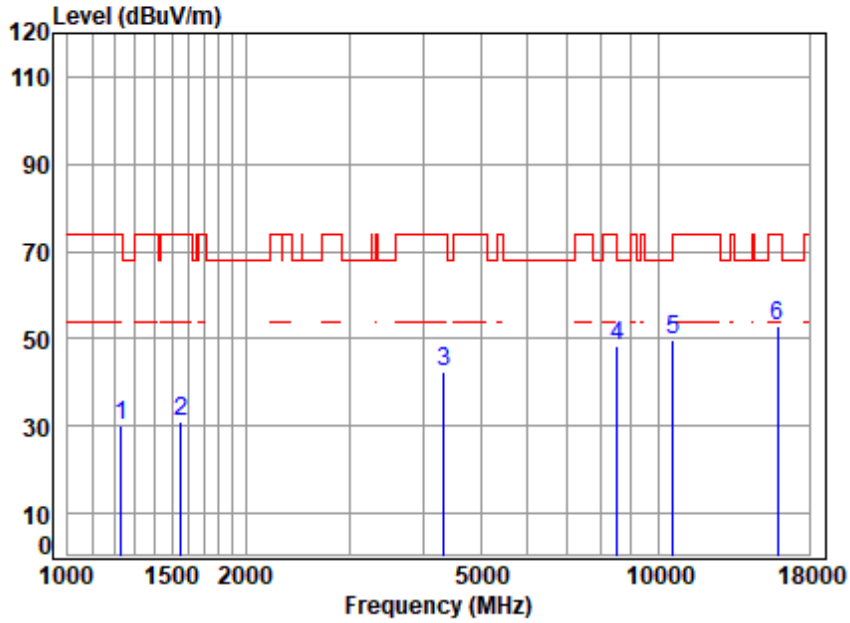
Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5260 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.68	29.92	74.00	-44.08	peak
2	1574.265	4.17	26.90	38.40	37.79	30.46	74.00	-43.54	peak
3	4417.841	7.07	34.59	35.78	36.20	42.08	68.20	-26.12	peak
4	8638.399	11.29	36.90	37.24	37.39	48.34	68.20	-19.86	peak
5	p10520.000	12.77	37.30	37.62	37.21	49.66	68.20	-18.54	peak
6	15780.000	14.31	41.28	37.33	34.81	53.07	74.00	-20.93	peak

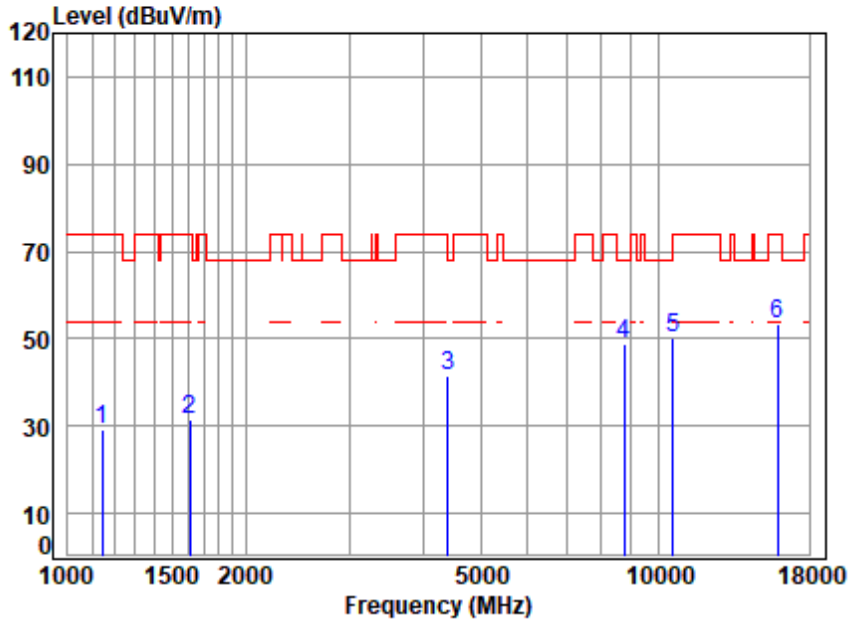
Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5300 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.64	24.84	38.35	39.89	30.02	74.00	-43.98	peak
2	1551.677	4.13	26.99	38.40	38.17	30.89	74.00	-43.11	peak
3	4329.354	7.01	34.23	35.85	37.11	42.50	74.00	-31.50	peak
4	8514.456	11.06	36.73	37.12	37.74	48.41	68.20	-19.79	peak
5	p10600.000	12.80	37.30	37.66	37.50	49.94	68.20	-18.26	peak
6	15900.000	14.35	41.40	37.38	34.65	53.02	74.00	-20.98	peak

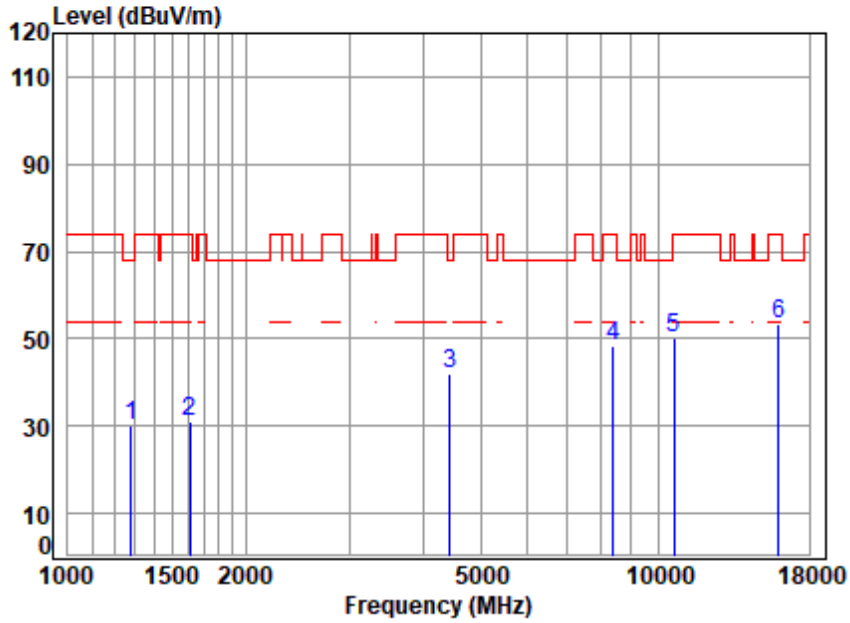
Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5300 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	3.48	23.88	38.33	40.04	29.07	74.00	-44.93	peak
2	1611.091	4.22	26.69	38.40	38.78	31.29	74.00	-42.71	peak
3	4405.090	7.06	34.74	35.79	35.44	41.45	68.20	-26.75	peak
4	8764.146	11.51	36.96	37.37	37.82	48.92	68.20	-19.28	peak
5	p10600.000	12.80	37.30	37.66	37.86	50.30	68.20	-17.90	peak
6	15900.000	14.35	41.40	37.38	34.82	53.19	74.00	-20.81	peak

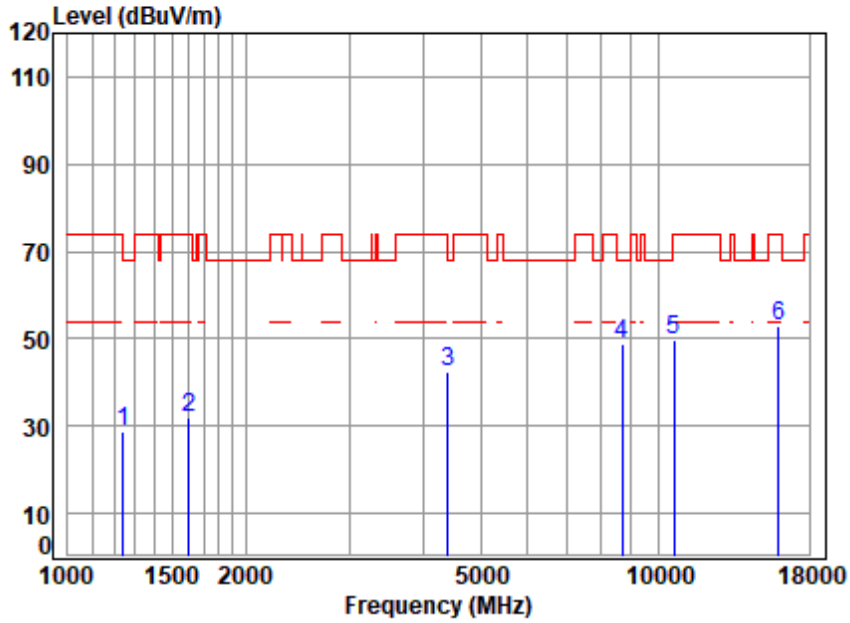
Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5320 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.72	24.91	38.35	39.83	30.11	68.20	-38.09	peak
2	1611.091	4.22	26.69	38.40	38.40	30.91	74.00	-43.09	peak
3	4430.628	7.08	34.43	35.77	36.06	41.80	68.20	-26.40	peak
4	8392.292	10.84	36.70	36.99	38.02	48.57	74.00	-25.43	peak
5	10640.000	12.81	37.22	37.68	37.63	49.98	74.00	-24.02	peak
6	p15960.000	14.37	41.52	37.40	34.80	53.29	74.00	-20.71	peak

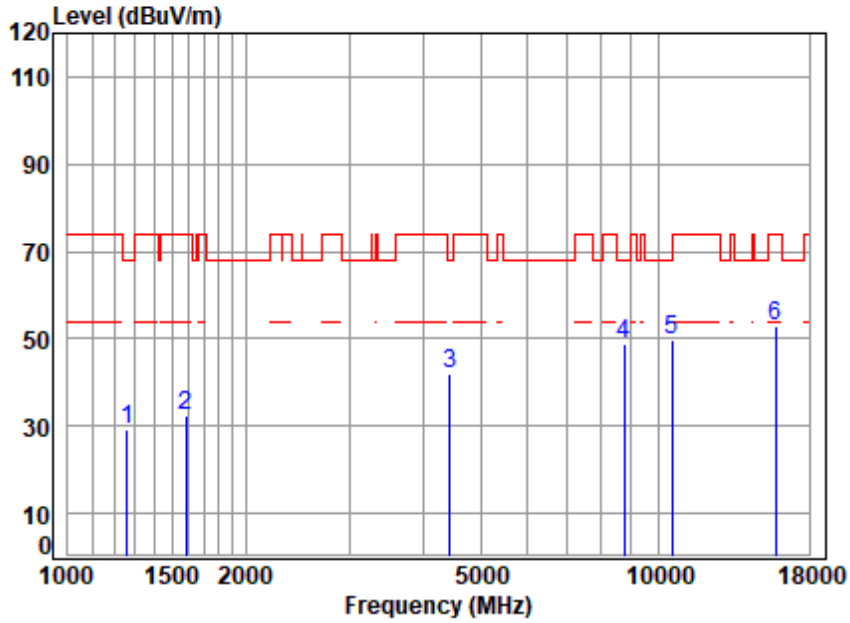
Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5320 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.66	24.99	38.35	38.49	28.79	68.20	-39.41	peak
2	1606.441	4.21	26.74	38.40	39.39	31.94	74.00	-42.06	peak
3	4405.090	7.06	34.74	35.79	36.43	42.44	68.20	-25.76	peak
4	p 8688.480	11.38	36.90	37.30	37.82	48.80	68.20	-19.40	peak
5	10640.000	12.81	37.22	37.68	37.47	49.82	74.00	-24.18	peak
6	15960.000	14.37	41.52	37.40	34.22	52.71	74.00	-21.29	peak

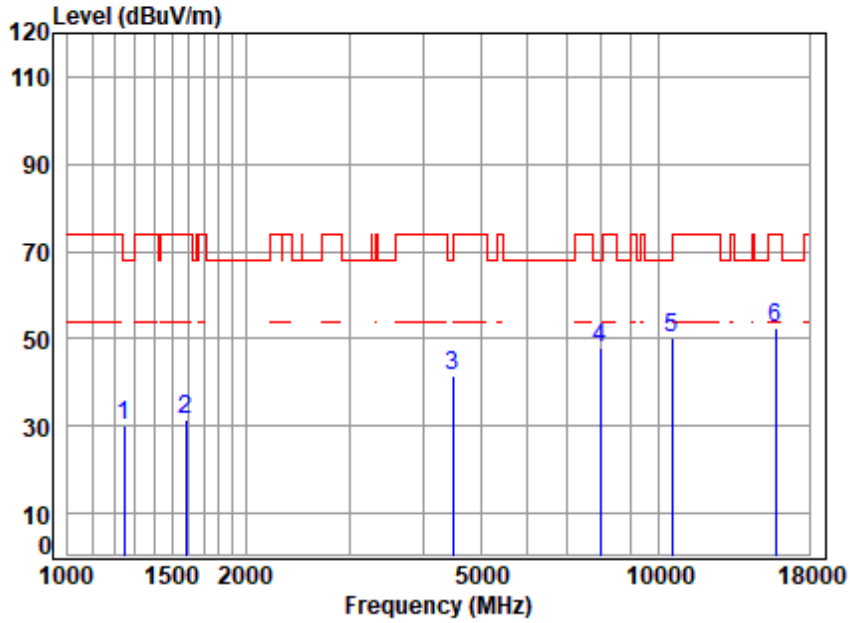
Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5270 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.149	3.69	25.04	38.35	39.02	29.40	68.20	-38.80	peak
2	1583.392	4.18	26.87	38.40	39.64	32.29	74.00	-41.71	peak
3	4443.453	7.09	34.28	35.77	36.16	41.76	68.20	-26.44	peak
4	8738.852	11.47	36.90	37.35	37.75	48.77	68.20	-19.43	peak
5	p10540.000	12.78	37.30	37.63	37.29	49.74	68.20	-18.46	peak
6	15810.000	14.32	41.31	37.34	34.53	52.82	74.00	-21.18	peak

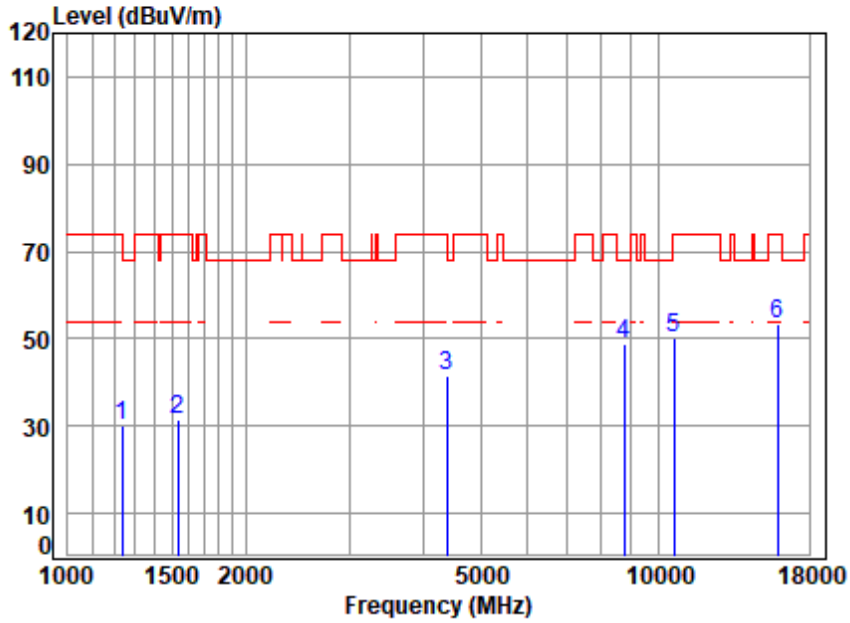
Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5270 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.66	25.04	38.35	39.59	29.94	68.20	-38.26	peak
2	1587.975	4.18	26.85	38.40	38.79	31.42	74.00	-42.58	peak
3	4482.150	7.11	33.81	35.74	36.22	41.40	68.20	-26.80	peak
4	7966.832	10.06	36.40	36.53	38.01	47.94	68.20	-20.26	peak
5	p10540.000	12.78	37.30	37.63	37.74	50.19	68.20	-18.01	peak
6	15810.000	14.32	41.31	37.34	34.34	52.63	74.00	-21.37	peak

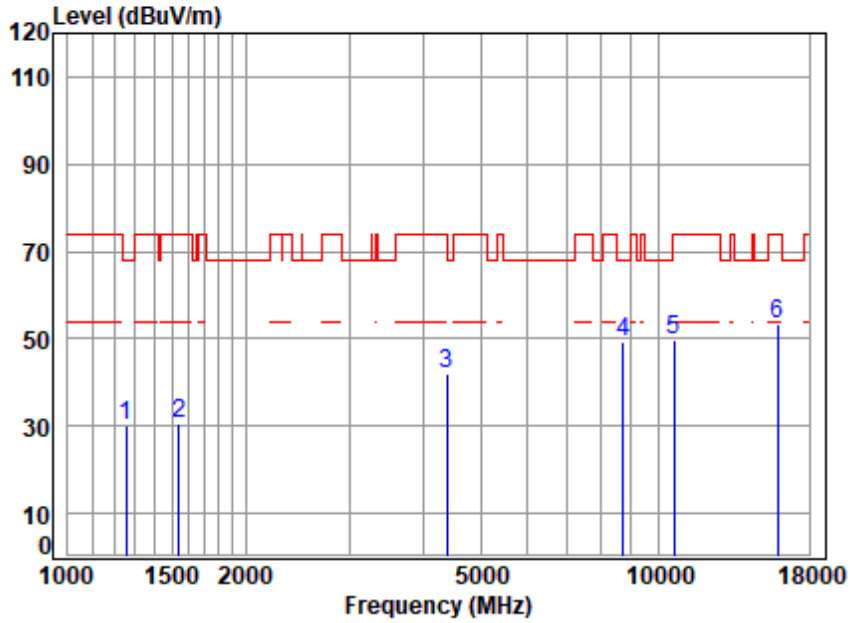
Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5310 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	40.06	30.30	74.00	-43.70	peak
2	1538.281	4.12	26.95	38.39	38.95	31.63	74.00	-42.37	peak
3	4392.376	7.05	34.74	35.80	35.62	41.61	74.00	-32.39	peak
4 p	8738.852	11.47	36.90	37.35	37.63	48.65	68.20	-19.55	peak
5	10620.000	12.80	37.26	37.67	37.81	50.20	74.00	-23.80	peak
6	15930.000	14.36	41.46	37.39	34.85	53.28	74.00	-20.72	peak

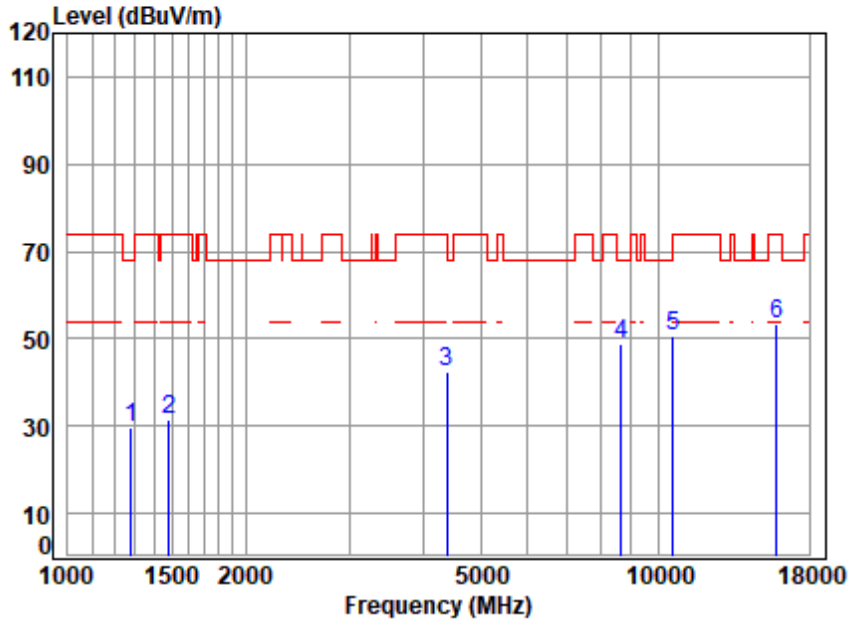
Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5310 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	39.55	29.94	68.20	-38.26	peak
2	1542.733	4.12	26.97	38.39	37.85	30.55	74.00	-43.45	peak
3	4392.376	7.05	34.74	35.80	35.99	41.98	74.00	-32.02	peak
4 p	8713.630	11.42	36.90	37.32	38.10	49.10	68.20	-19.10	peak
5	10620.000	12.80	37.26	37.67	37.44	49.83	74.00	-24.17	peak
6	15930.000	14.36	41.46	37.39	34.86	53.29	74.00	-20.71	peak

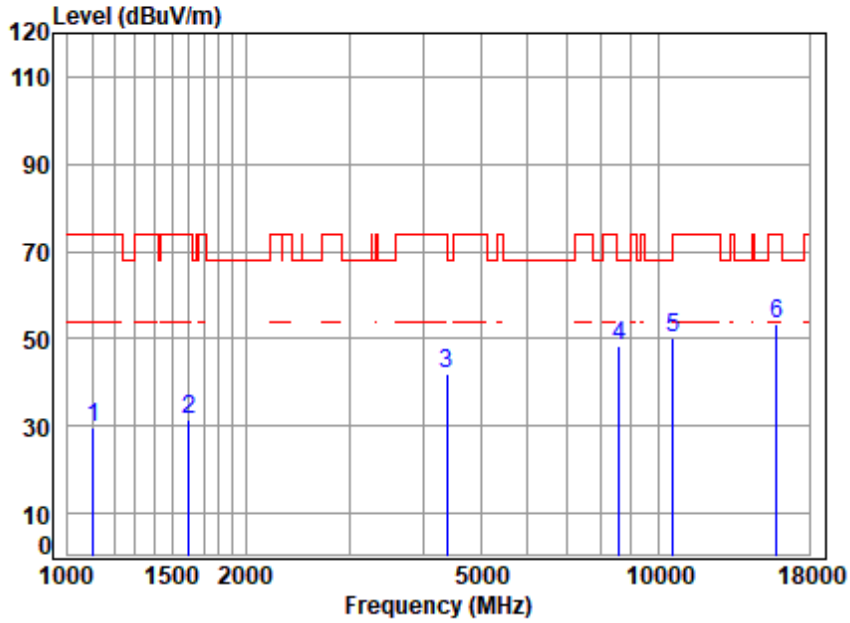
Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5290 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1278.492	3.72	24.93	38.35	39.51	29.81	68.20	-38.39	peak
2	1485.841	4.04	26.40	38.39	39.59	31.64	74.00	-42.36	peak
3	4379.699	7.04	34.64	35.81	36.51	42.38	74.00	-31.62	peak
4	8638.399	11.29	36.90	37.24	37.98	48.93	68.20	-19.27	peak
5	p10580.000	12.79	37.30	37.65	38.25	50.69	68.20	-17.51	peak
6	15870.000	14.34	41.37	37.37	35.20	53.54	74.00	-20.46	peak

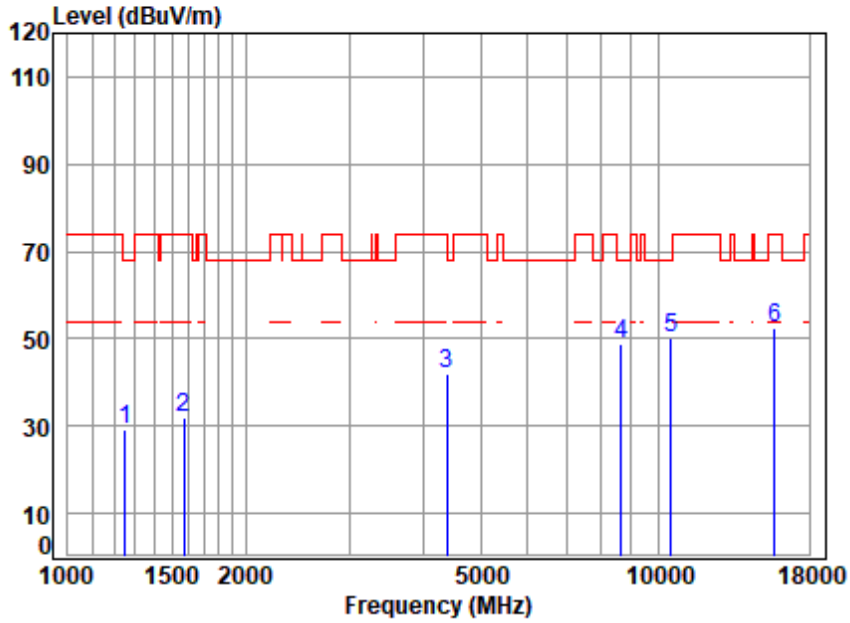
Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5290 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1106.457	3.41	23.73	38.32	40.72	29.54	74.00	-44.46	peak
2	1601.804	4.20	26.78	38.40	38.82	31.40	74.00	-42.60	peak
3	4392.376	7.05	34.74	35.80	35.90	41.89	74.00	-32.11	peak
4	8588.607	11.20	36.88	37.19	37.68	48.57	68.20	-19.63	peak
5	p10580.000	12.79	37.30	37.65	37.77	50.21	68.20	-17.99	peak
6	15870.000	14.34	41.37	37.37	34.96	53.30	74.00	-20.70	peak

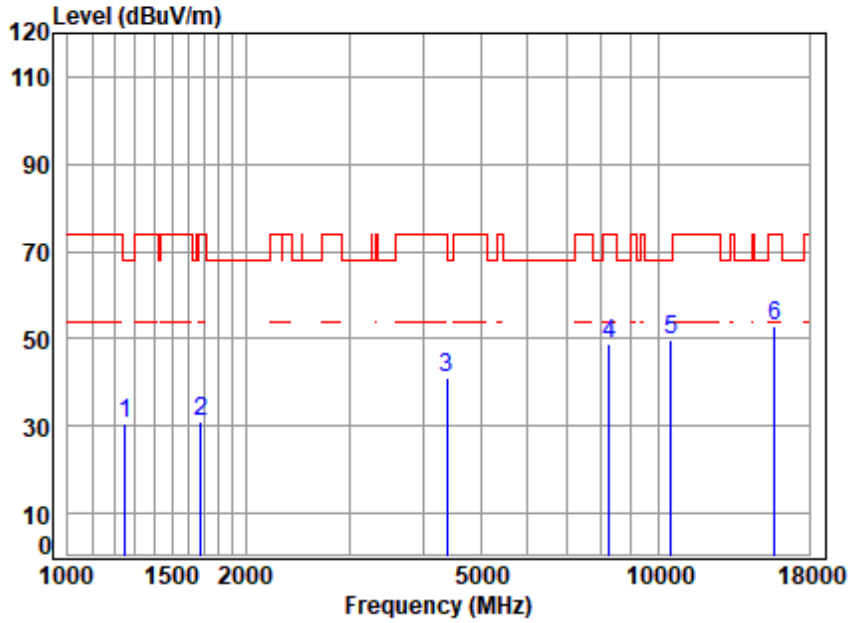
Test Mode: 22; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5250 TX RSE
Note : 5G WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.67	25.08	38.35	38.86	29.26	68.20	-38.94	peak
2	1574.265	4.17	26.90	38.40	39.16	31.83	74.00	-42.17	peak
3	4379.699	7.04	34.64	35.81	35.98	41.85	74.00	-32.15	peak
4	8638.399	11.29	36.90	37.24	38.05	49.00	68.20	-19.20	peak
5	p10500.000	12.77	37.30	37.61	37.91	50.37	68.20	-17.83	peak
6	15750.000	14.30	41.25	37.32	34.45	52.68	74.00	-21.32	peak

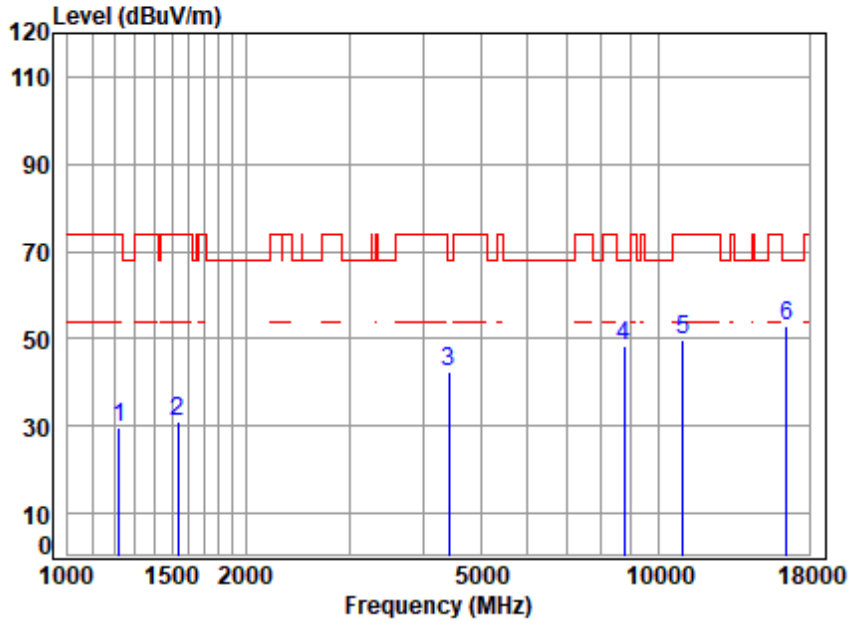
Test Mode: 22; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5250 TX RSE
Note : 5G WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.67	25.08	38.35	39.95	30.35	68.20	-37.85	peak
2	1677.621	4.30	26.24	38.41	38.84	30.97	74.00	-43.03	peak
3	4392.376	7.05	34.74	35.80	35.23	41.22	74.00	-32.78	peak
4	8248.005	10.57	36.70	36.83	38.28	48.72	74.00	-25.28	peak
5	p10500.000	12.77	37.30	37.61	37.25	49.71	68.20	-18.49	peak
6	15750.000	14.30	41.25	37.32	34.48	52.71	74.00	-21.29	peak

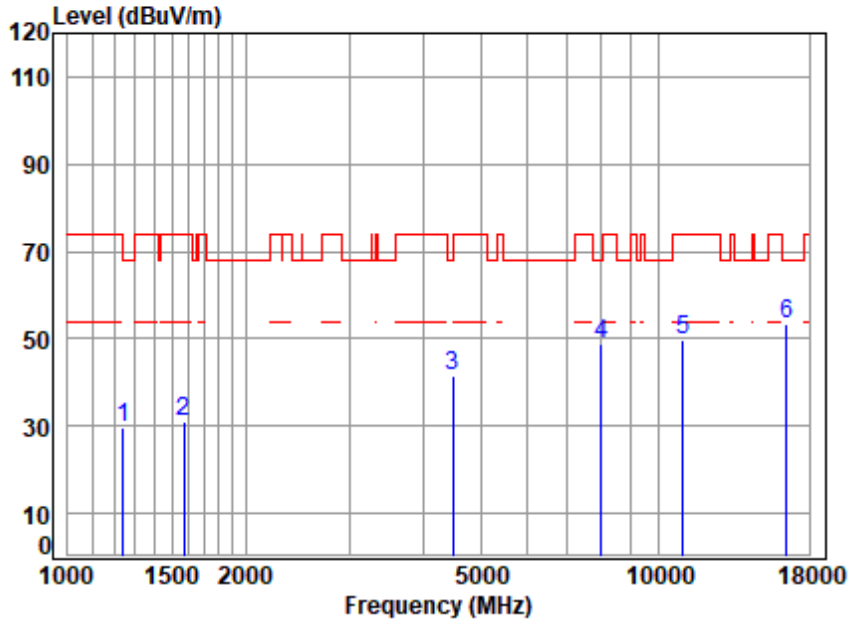
Test Mode: 23; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5500 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	3.62	24.69	38.34	39.66	29.63	74.00	-44.37	peak
2	1538.281	4.12	26.95	38.39	38.41	31.09	74.00	-42.91	peak
3	4417.841	7.07	34.59	35.78	36.62	42.50	68.20	-25.70	peak
4	8738.852	11.47	36.90	37.35	37.49	48.51	68.20	-19.69	peak
5	11000.000	12.90	37.50	37.84	37.08	49.64	74.00	-24.36	peak
6	p16500.000	14.47	42.10	37.47	33.61	52.71	68.20	-15.49	peak

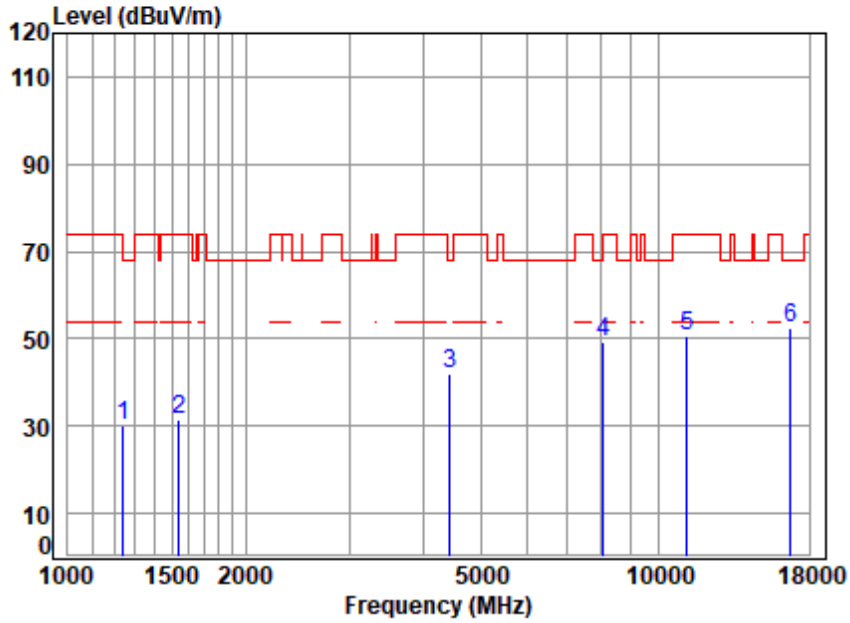
Test Mode: 23; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5500 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.66	24.99	38.35	39.45	29.75	68.20	-38.45	peak
2	1574.265	4.17	26.90	38.40	38.26	30.93	74.00	-43.07	peak
3	4495.125	7.12	33.66	35.73	36.37	41.42	68.20	-26.78	peak
4	8013.020	10.13	36.40	36.57	38.73	48.69	68.20	-19.51	peak
5	11000.000	12.90	37.50	37.84	37.29	49.85	74.00	-24.15	peak
6	p16500.000	14.47	42.10	37.47	34.37	53.47	68.20	-14.73	peak

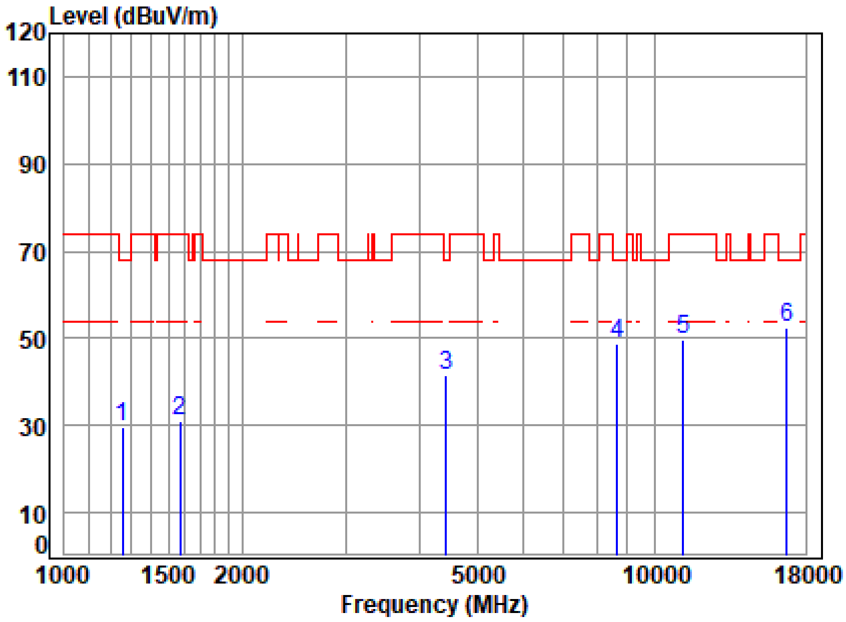
Test Mode: 23; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5580 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.66	24.99	38.35	39.77	30.07	68.20	-38.13	peak
2	1542.733	4.12	26.97	38.39	38.82	31.52	74.00	-42.48	peak
3	4430.628	7.08	34.43	35.77	36.29	42.03	68.20	-26.17	peak
4	8082.804	10.26	36.47	36.65	39.10	49.18	74.00	-24.82	peak
5	11160.000	12.93	37.62	37.79	37.79	50.55	74.00	-23.45	peak
6	p16740.000	14.51	42.78	37.49	32.82	52.62	68.20	-15.58	peak

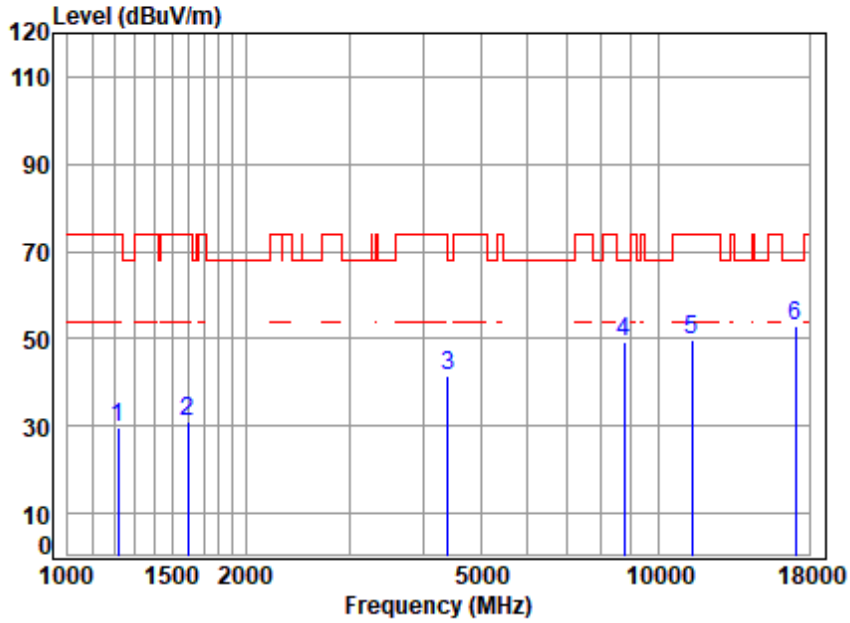
Test Mode: 23; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5580 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	39.36	29.75	68.20	-38.45	peak
2	1574.265	4.17	26.90	38.40	38.15	30.82	74.00	-43.18	peak
3	4430.628	7.08	34.43	35.77	35.80	41.54	68.20	-26.66	peak
4	8663.404	11.33	36.90	37.27	37.92	48.88	68.20	-19.32	peak
5	11160.000	12.93	37.62	37.79	36.89	49.65	74.00	-24.35	peak
6	p16740.000	14.51	42.78	37.49	32.82	52.62	68.20	-15.58	peak

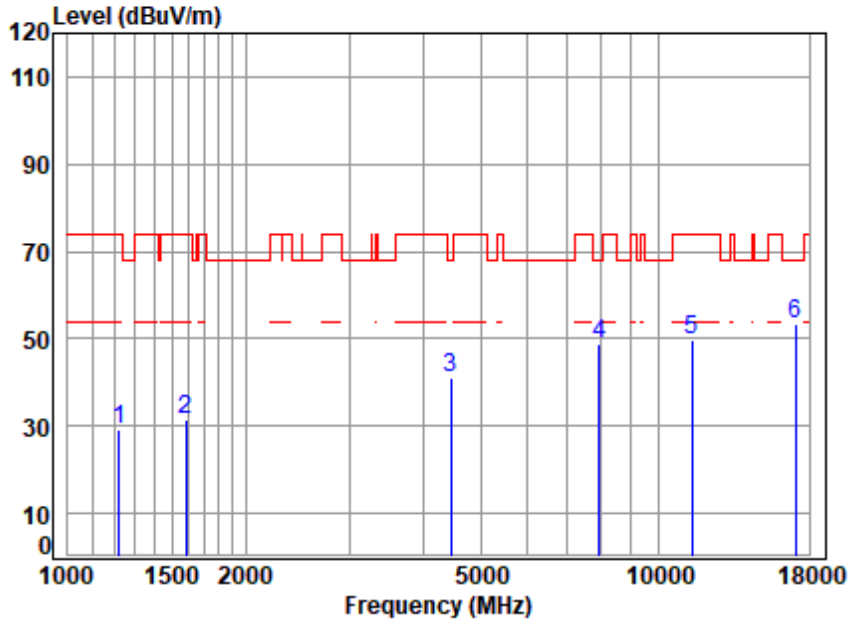
Test Mode: 23; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5700 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.190	3.61	24.64	38.34	39.66	29.57	74.00	-44.43	peak
2	1597.181	4.20	26.81	38.40	38.28	30.89	74.00	-43.11	peak
3	4405.090	7.06	34.74	35.79	35.74	41.75	68.20	-26.45	peak
4	8764.146	11.51	36.96	37.37	38.08	49.18	68.20	-19.02	peak
5	11400.000	12.98	37.70	37.72	36.91	49.87	74.00	-24.13	peak
6	p17100.000	14.62	43.10	37.53	32.69	52.88	68.20	-15.32	peak

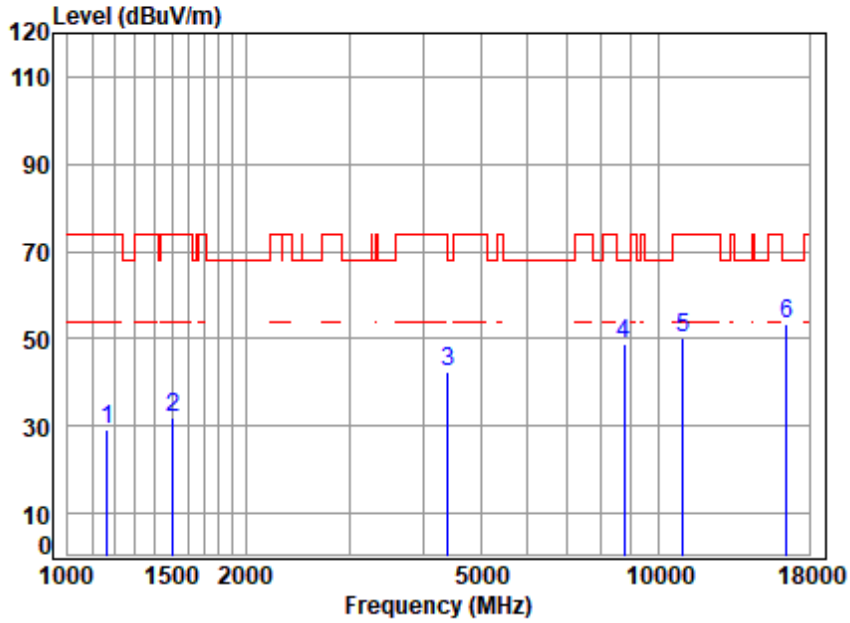
Test Mode: 23; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5700 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	3.62	24.69	38.34	39.43	29.40	74.00	-44.60	peak
2	1583.392	4.18	26.87	38.40	39.01	31.66	74.00	-42.34	peak
3	4456.315	7.09	34.12	35.76	35.66	41.11	68.20	-27.09	peak
4	7943.838	10.04	36.41	36.51	38.73	48.67	68.20	-19.53	peak
5	11400.000	12.98	37.70	37.72	36.84	49.80	74.00	-24.20	peak
6	p17100.000	14.62	43.10	37.53	33.08	53.27	68.20	-14.93	peak

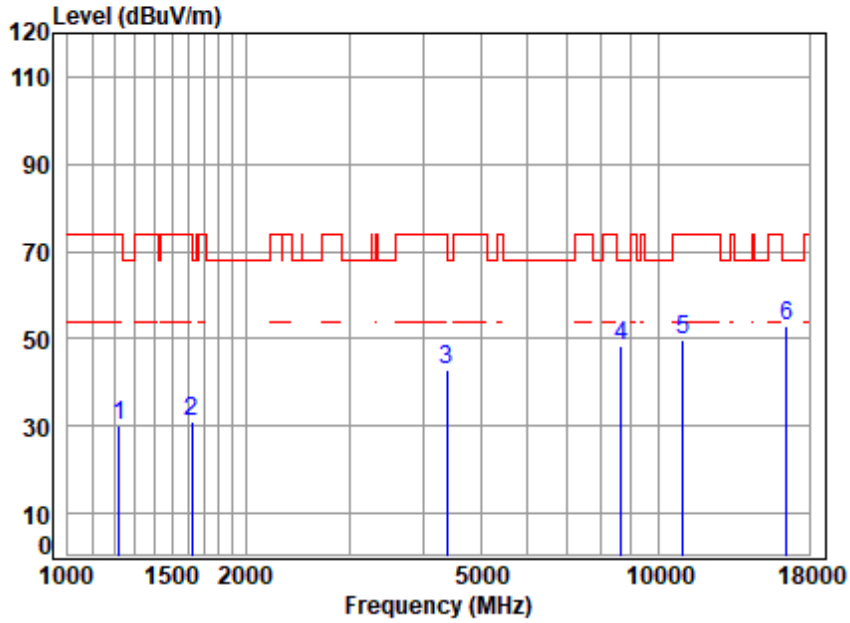
Test Mode: 23; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5500 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1165.546	3.52	24.06	38.33	40.13	29.38	74.00	-44.62	peak
2	1507.470	4.07	26.83	38.39	39.34	31.85	74.00	-42.15	peak
3	4405.090	7.06	34.74	35.79	36.27	42.28	68.20	-25.92	peak
4	8738.852	11.47	36.90	37.35	37.76	48.78	68.20	-19.42	peak
5	11000.000	12.90	37.50	37.84	37.73	50.29	74.00	-23.71	peak
6	p16500.000	14.47	42.10	37.47	34.11	53.21	68.20	-14.99	peak

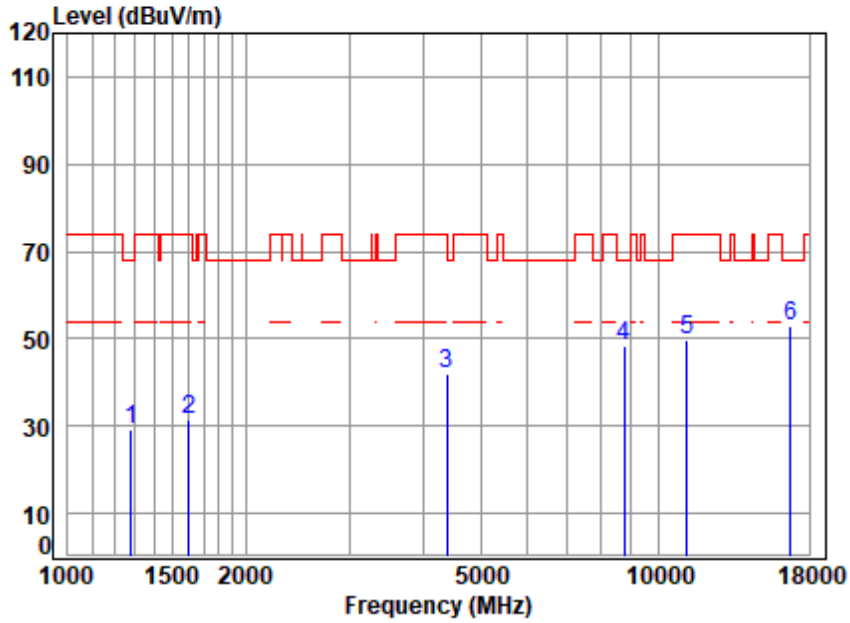
Test Mode: 23; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5500 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	3.62	24.69	38.34	39.92	29.89	74.00	-44.11	peak
2	1620.431	4.23	26.60	38.40	38.76	31.19	74.00	-42.81	peak
3	4392.376	7.05	34.74	35.80	36.81	42.80	74.00	-31.20	peak
4	8638.399	11.29	36.90	37.24	37.29	48.24	68.20	-19.96	peak
5	11000.000	12.90	37.50	37.84	37.25	49.81	74.00	-24.19	peak
6	p16500.000	14.47	42.10	37.47	33.77	52.87	68.20	-15.33	peak

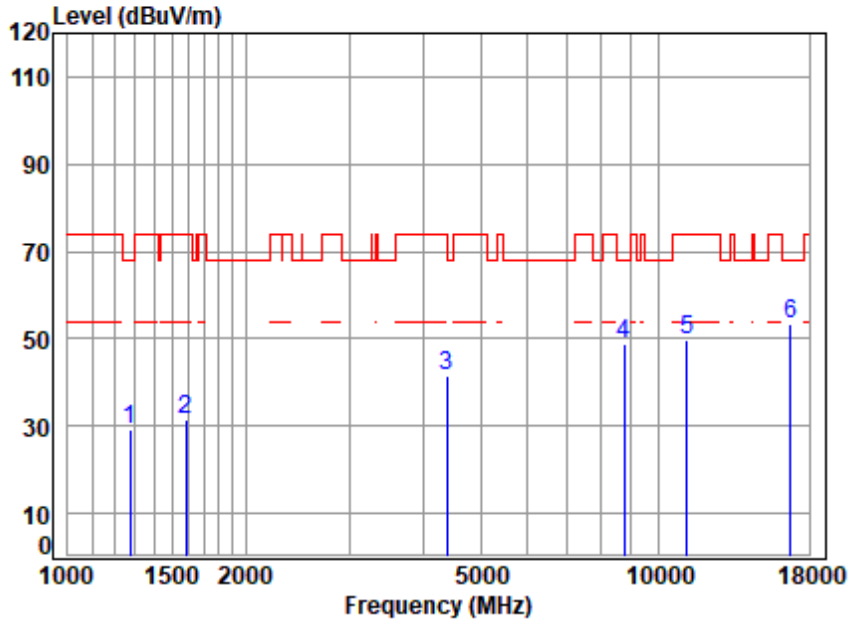
Test Mode: 23; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5580 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.72	24.91	38.35	39.12	29.40	68.20	-38.80	peak
2	1606.441	4.21	26.74	38.40	38.90	31.45	74.00	-42.55	peak
3	4379.699	7.04	34.64	35.81	36.00	41.87	74.00	-32.13	peak
4	8764.146	11.51	36.96	37.37	37.49	48.59	68.20	-19.61	peak
5	11160.000	12.93	37.62	37.79	36.99	49.75	74.00	-24.25	peak
6	p16740.000	14.51	42.78	37.49	33.16	52.96	68.20	-15.24	peak

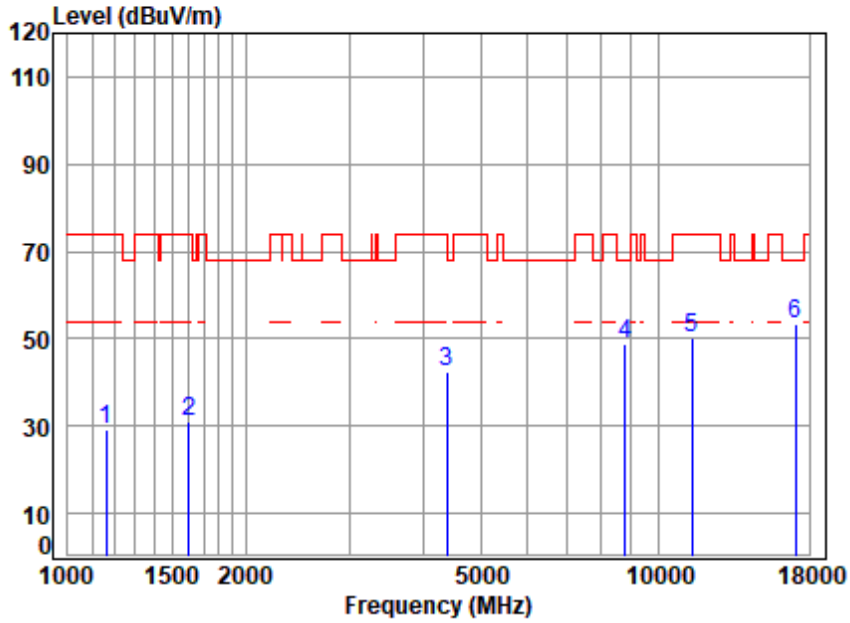
Test Mode: 23; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5580 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.71	24.95	38.35	38.95	29.26	68.20	-38.94	peak
2	1583.392	4.18	26.87	38.40	38.87	31.52	74.00	-42.48	peak
3	4379.699	7.04	34.64	35.81	35.69	41.56	74.00	-32.44	peak
4	8738.852	11.47	36.90	37.35	37.61	48.63	68.20	-19.57	peak
5	11160.000	12.93	37.62	37.79	36.95	49.71	74.00	-24.29	peak
6	p16740.000	14.51	42.78	37.49	33.55	53.35	68.20	-14.85	peak

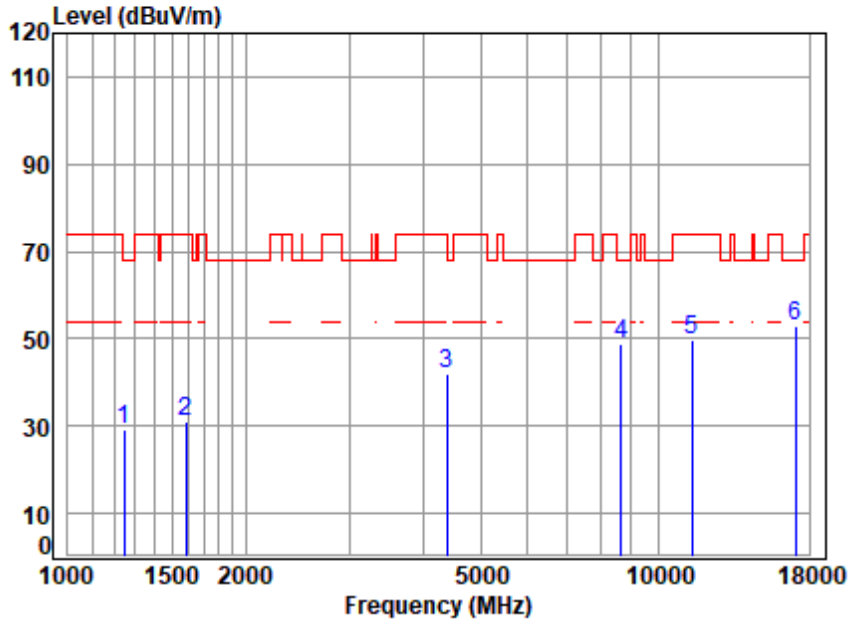
Test Mode: 23; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5700 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1162.182	3.51	24.02	38.33	40.19	29.39	74.00	-44.61	peak
2	1606.441	4.21	26.74	38.40	38.46	31.01	74.00	-42.99	peak
3	4392.376	7.05	34.74	35.80	36.33	42.32	74.00	-31.68	peak
4	8789.516	11.55	37.06	37.40	37.65	48.86	68.20	-19.34	peak
5	11400.000	12.98	37.70	37.72	37.42	50.38	74.00	-23.62	peak
6	p17100.000	14.62	43.10	37.53	33.06	53.25	68.20	-14.95	peak

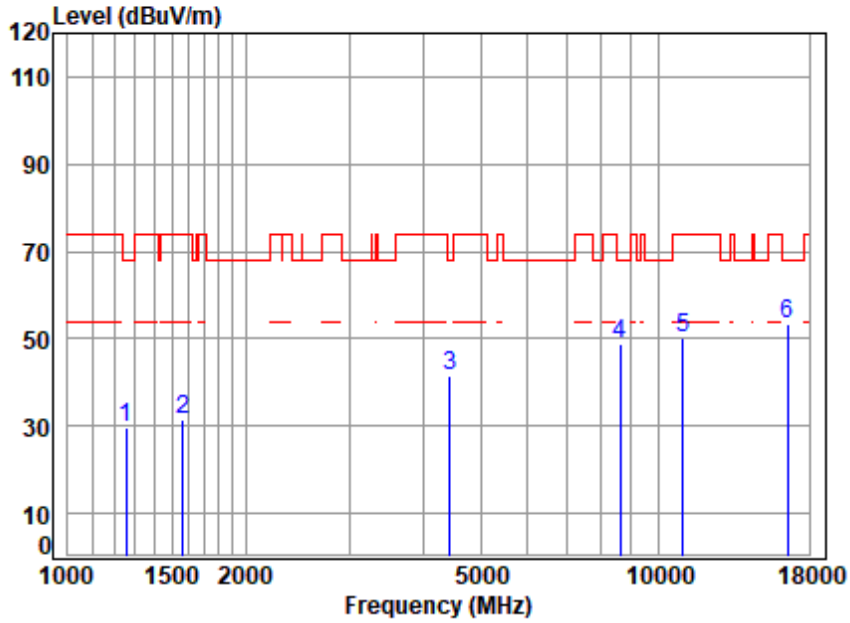
Test Mode: 23; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5700 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.66	25.04	38.35	38.93	29.28	68.20	-38.92	peak
2	1587.975	4.18	26.85	38.40	38.54	31.17	74.00	-42.83	peak
3	4379.699	7.04	34.64	35.81	36.13	42.00	74.00	-32.00	peak
4	8663.404	11.33	36.90	37.27	38.03	48.99	68.20	-19.21	peak
5	11400.000	12.98	37.70	37.72	36.63	49.59	74.00	-24.41	peak
6	p17100.000	14.62	43.10	37.53	32.88	53.07	68.20	-15.13	peak

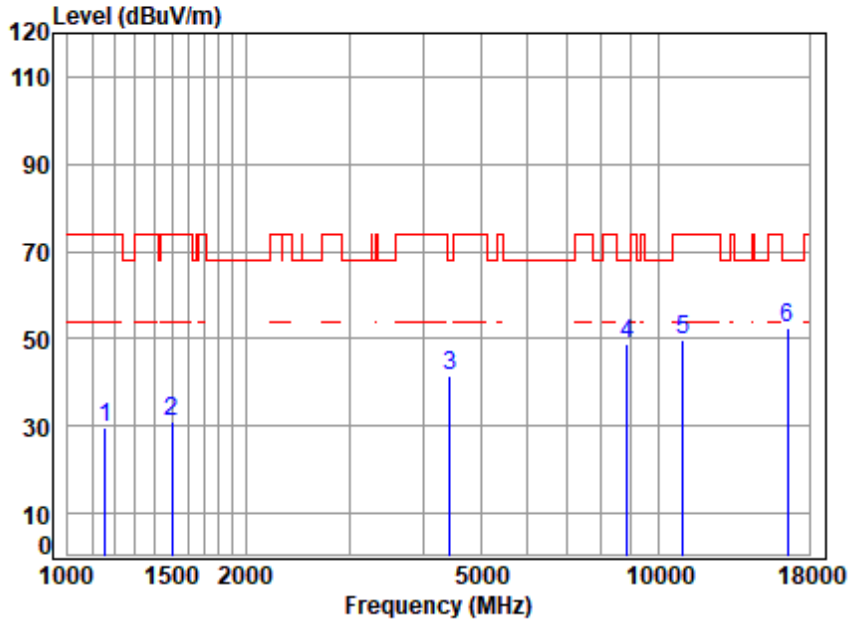
Test Mode: 23; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5510 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	39.16	29.55	68.20	-38.65	peak
2	1569.721	4.16	26.92	38.40	38.89	31.57	74.00	-42.43	peak
3	4430.628	7.08	34.43	35.77	35.79	41.53	68.20	-26.67	peak
4	8613.468	11.24	36.90	37.22	37.89	48.81	68.20	-19.39	peak
5	11020.000	12.90	37.50	37.83	37.60	50.17	74.00	-23.83	peak
6	p16530.000	14.48	42.16	37.47	34.24	53.41	68.20	-14.79	peak

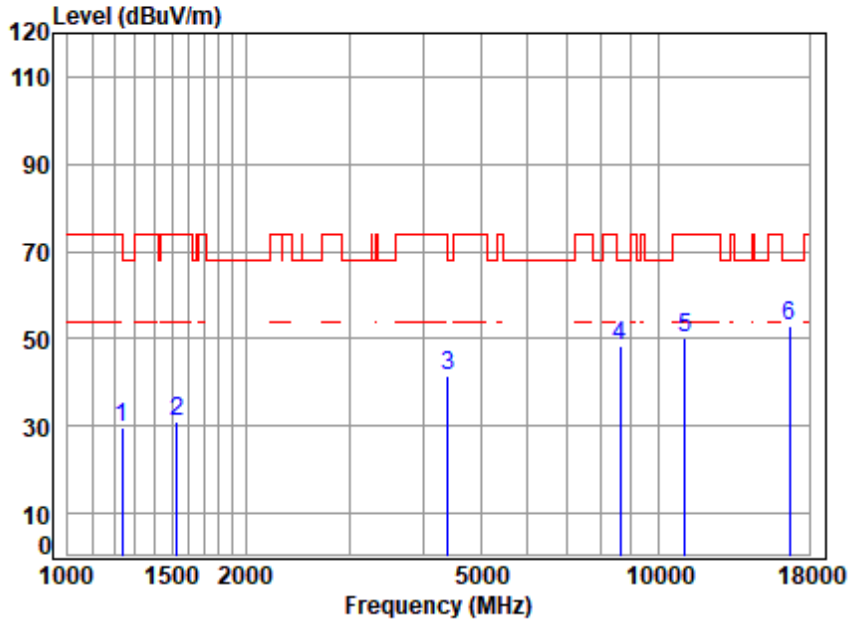
Test Mode: 23; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5510 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1155.483	3.50	23.95	38.33	40.71	29.83	74.00	-44.17	peak
2	1503.119	4.07	26.81	38.39	38.41	30.90	74.00	-43.10	peak
3	4443.453	7.09	34.28	35.77	36.10	41.70	68.20	-26.50	peak
4	8840.473	11.64	37.18	37.45	37.35	48.72	68.20	-19.48	peak
5	11020.000	12.90	37.50	37.83	37.14	49.71	74.00	-24.29	peak
6	p16530.000	14.48	42.16	37.47	33.22	52.39	68.20	-15.81	peak

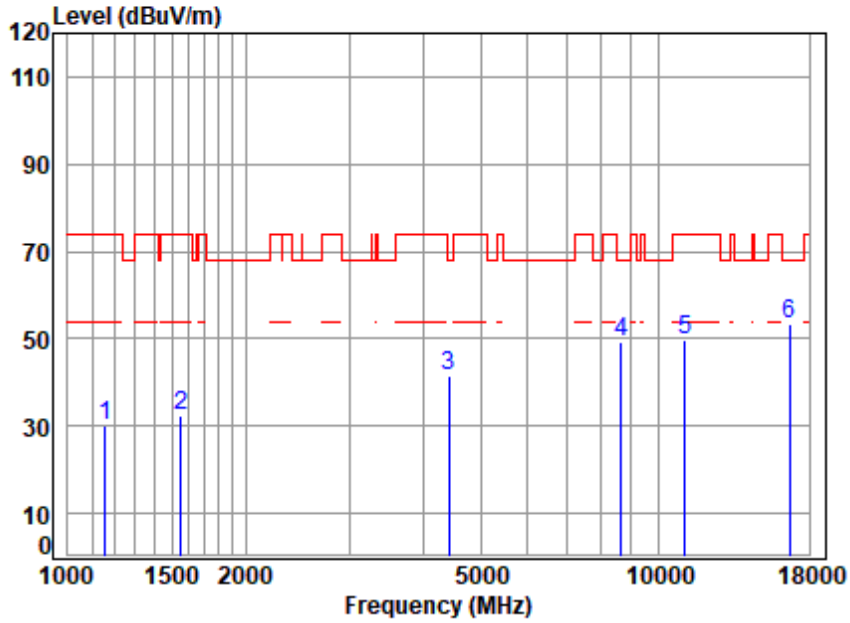
Test Mode: 23; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5670 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.22	29.46	74.00	-44.54	peak
2	1529.414	4.10	26.92	38.39	38.45	31.08	74.00	-42.92	peak
3	4405.090	7.06	34.74	35.79	35.62	41.63	68.20	-26.57	peak
4	8613.468	11.24	36.90	37.22	37.62	48.54	68.20	-19.66	peak
5	11100.000	12.92	37.50	37.81	37.49	50.10	74.00	-23.90	peak
6	p16650.000	14.50	42.50	37.48	33.37	52.89	68.20	-15.31	peak

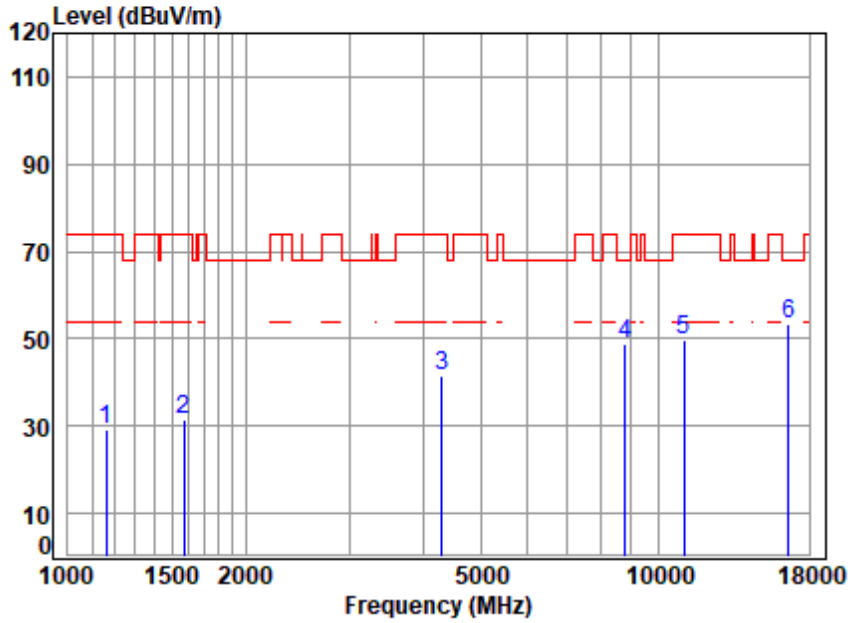
Test Mode: 23; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5670 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1155.483	3.50	23.95	38.33	40.90	30.02	74.00	-43.98	peak
2	1556.169	4.14	26.98	38.40	39.53	32.25	74.00	-41.75	peak
3	4417.841	7.07	34.59	35.78	35.44	41.32	68.20	-26.88	peak
4	8663.404	11.33	36.90	37.27	38.46	49.42	68.20	-18.78	peak
5	11100.000	12.92	37.50	37.81	37.21	49.82	74.00	-24.18	peak
6	p16650.000	14.50	42.50	37.48	33.68	53.20	68.20	-15.00	peak

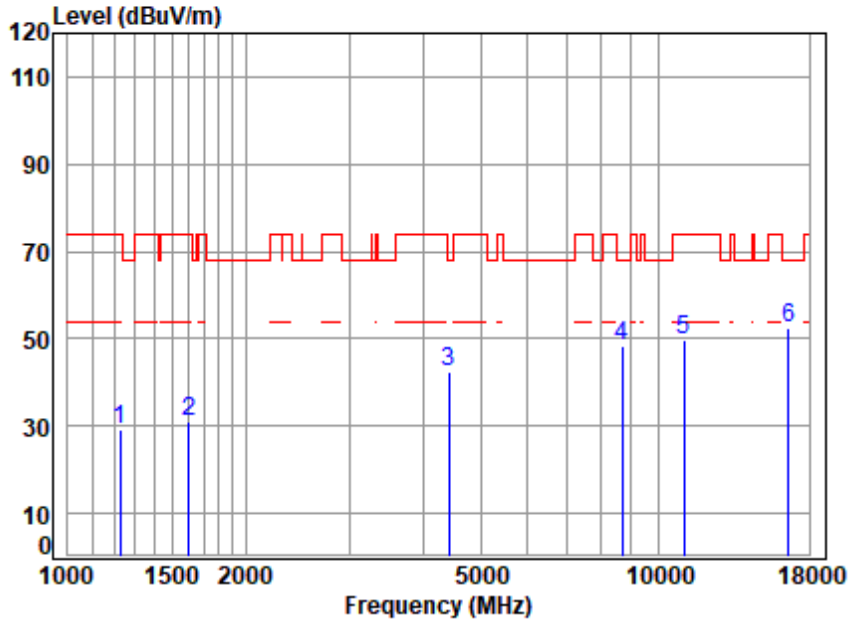
Test Mode: 23; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5530 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1162.182	3.51	24.02	38.33	40.09	29.29	74.00	-44.71	peak
2	1574.265	4.17	26.90	38.40	38.80	31.47	74.00	-42.53	peak
3	4304.400	6.99	34.04	35.87	36.47	41.63	74.00	-32.37	peak
4	8789.516	11.55	37.06	37.40	37.83	49.04	68.20	-19.16	peak
5	11060.000	12.91	37.50	37.82	37.27	49.86	74.00	-24.14	peak
6	p16590.000	14.49	42.28	37.47	34.16	53.46	68.20	-14.74	peak

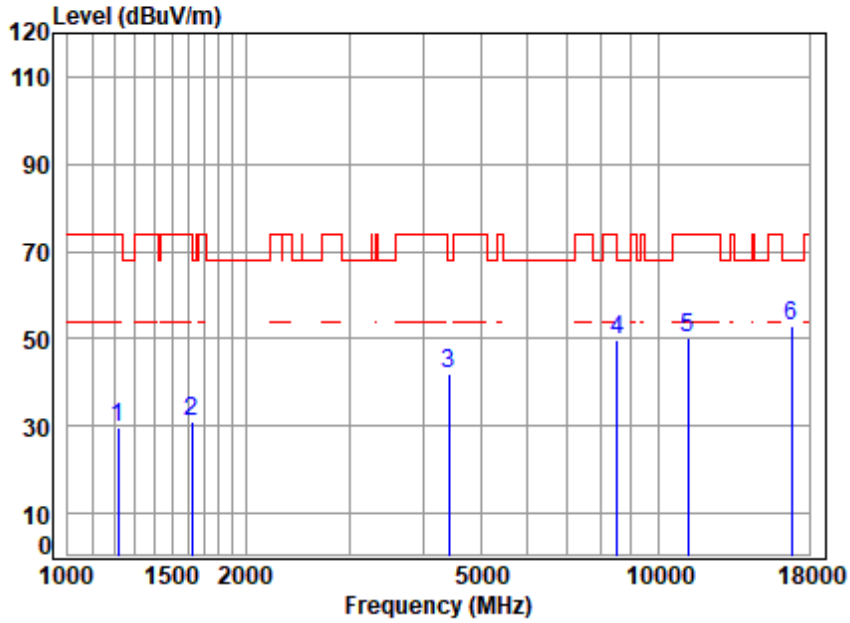
Test Mode: 23; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5530 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.63	24.79	38.34	39.26	29.34	74.00	-44.66	peak
2	1601.804	4.20	26.78	38.40	38.38	30.96	74.00	-43.04	peak
3	4417.841	7.07	34.59	35.78	36.51	42.39	68.20	-25.81	peak
4	8688.480	11.38	36.90	37.30	37.33	48.31	68.20	-19.89	peak
5	11060.000	12.91	37.50	37.82	37.36	49.95	74.00	-24.05	peak
6	p16590.000	14.49	42.28	37.47	33.21	52.51	68.20	-15.69	peak

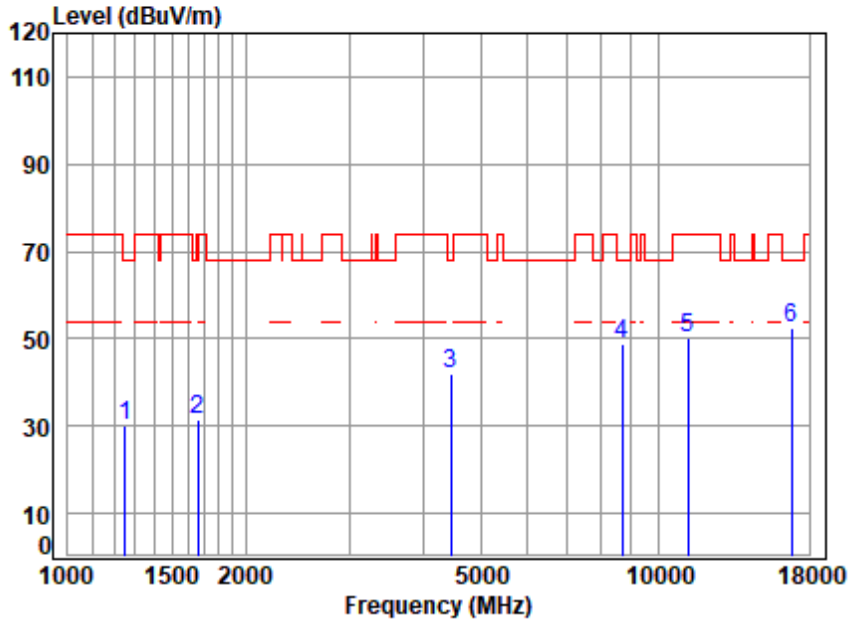
Test Mode: 23; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5610 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.190	3.61	24.64	38.34	39.73	29.64	74.00	-44.36	peak
2	1625.121	4.23	26.55	38.41	38.67	31.04	74.00	-42.96	peak
3	4417.841	7.07	34.59	35.78	36.09	41.97	68.20	-26.23	peak
4	8514.456	11.06	36.73	37.12	38.84	49.51	68.20	-18.69	peak
5	11220.000	12.94	37.72	37.77	37.17	50.06	74.00	-23.94	peak
6	p16830.000	14.53	42.99	37.50	32.96	52.98	68.20	-15.22	peak

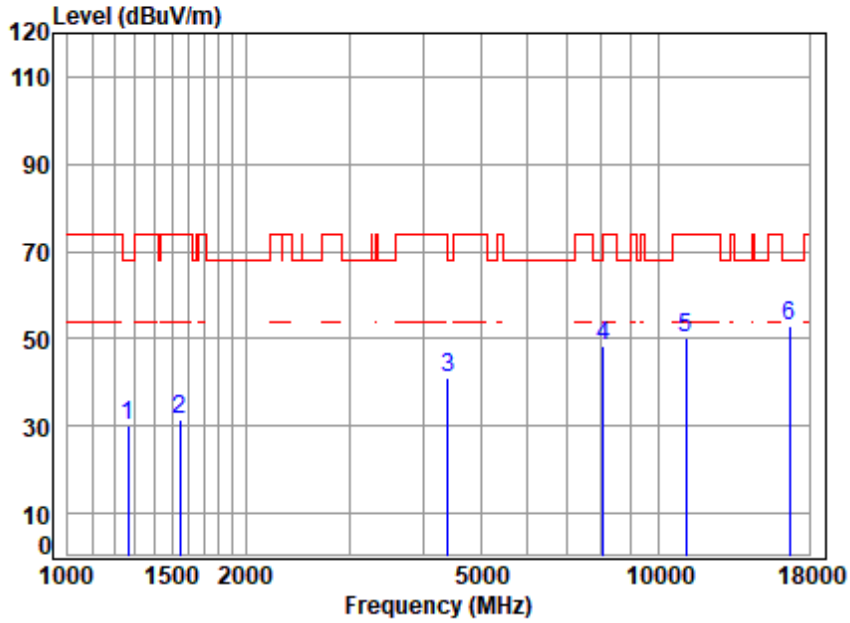
Test Mode: 23; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5610 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.67	25.08	38.35	39.94	30.34	68.20	-37.86	peak
2	1658.337	4.28	26.28	38.41	39.14	31.29	68.20	-36.91	peak
3	4456.315	7.09	34.12	35.76	36.43	41.88	68.20	-26.32	peak
4	8688.480	11.38	36.90	37.30	37.91	48.89	68.20	-19.31	peak
5	11220.000	12.94	37.72	37.77	37.14	50.03	74.00	-23.97	peak
6	p16830.000	14.53	42.99	37.50	32.63	52.65	68.20	-15.55	peak

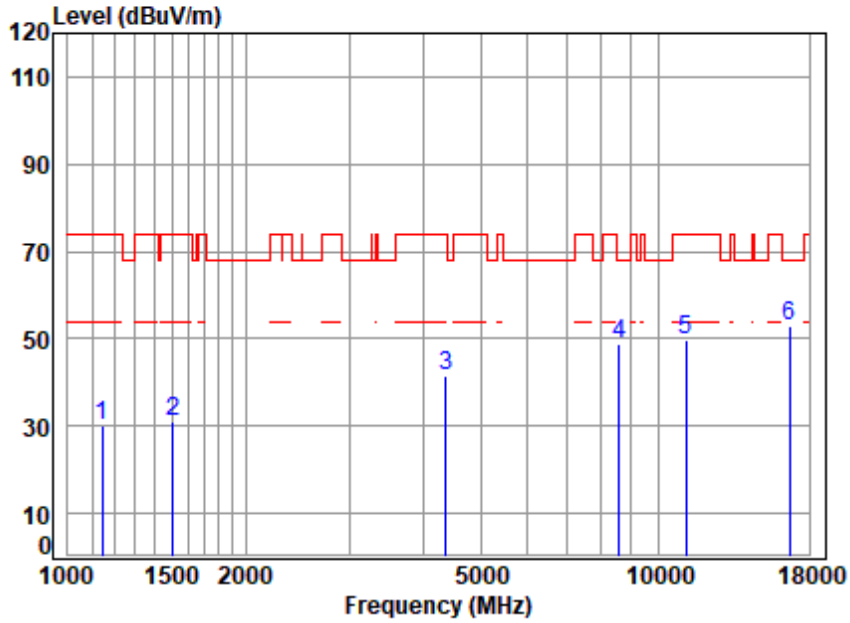
Test Mode: 23; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5570 TX RSE
Note : 5G WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.796	3.69	25.02	38.35	39.74	30.10	68.20	-38.10	peak
2	1547.199	4.13	26.99	38.39	38.59	31.32	74.00	-42.68	peak
3	4405.090	7.06	34.74	35.79	35.27	41.28	68.20	-26.92	peak
4	8082.804	10.26	36.47	36.65	38.31	48.39	74.00	-25.61	peak
5	11140.000	12.93	37.58	37.80	37.36	50.07	74.00	-23.93	peak
6	p16710.000	14.51	42.72	37.48	33.33	53.08	68.20	-15.12	peak

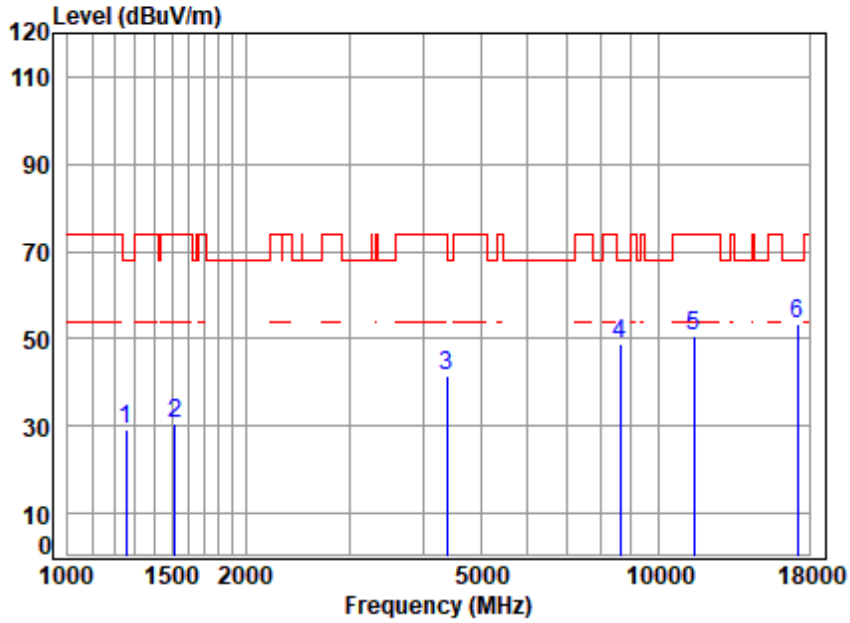
Test Mode: 23; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5570 TX RSE
Note : 5G WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1145.507	3.48	23.88	38.33	40.86	29.89	74.00	-44.11	peak
2	1507.470	4.07	26.83	38.39	38.66	31.17	74.00	-42.83	peak
3	4367.058	7.04	34.54	35.82	35.72	41.48	74.00	-32.52	peak
4	8588.607	11.20	36.88	37.19	37.80	48.69	68.20	-19.51	peak
5	11140.000	12.93	37.58	37.80	37.19	49.90	74.00	-24.10	peak
6	p16710.000	14.51	42.72	37.48	33.01	52.76	68.20	-15.44	peak

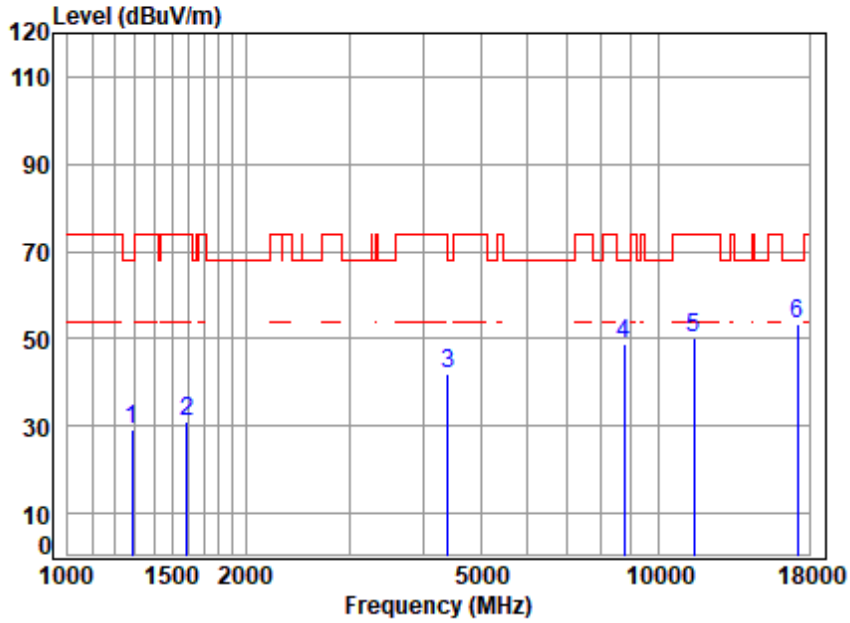
Test Mode: 24; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5745 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	38.99	29.38	68.20	-38.82	peak
2	1520.598	4.09	26.88	38.39	38.09	30.67	74.00	-43.33	peak
3	4379.699	7.04	34.64	35.81	35.87	41.74	74.00	-32.26	peak
4	8613.468	11.24	36.90	37.22	37.86	48.78	68.20	-19.42	peak
5	11490.000	13.00	37.79	37.69	37.35	50.45	74.00	-23.55	peak
6	p17235.000	14.70	43.03	37.55	33.25	53.43	68.20	-14.77	peak

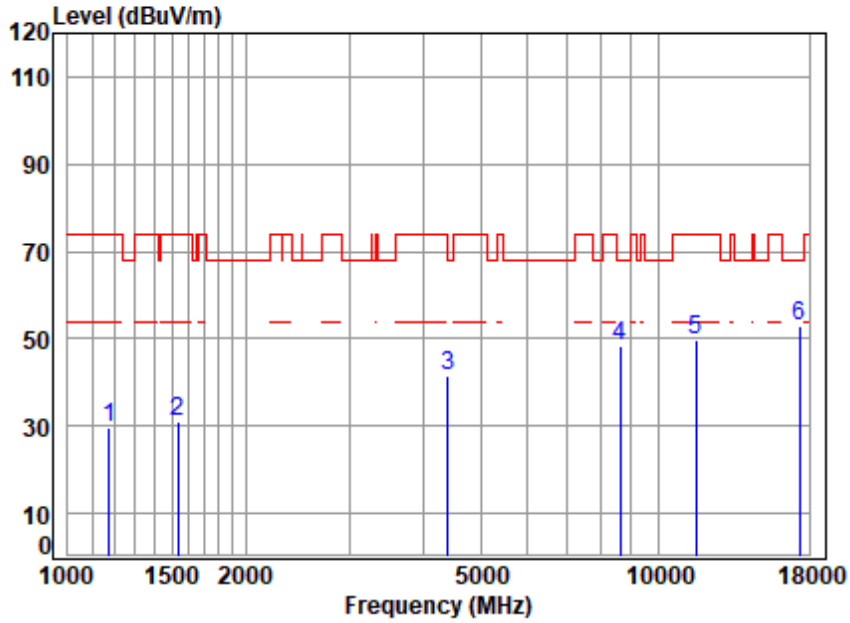
Test Mode: 24; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5745 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1285.904	3.73	24.88	38.35	39.14	29.40	68.20	-38.80	peak
2	1592.571	4.19	26.83	38.40	38.48	31.10	74.00	-42.90	peak
3	4405.090	7.06	34.74	35.79	36.08	42.09	68.20	-26.11	peak
4	8738.852	11.47	36.90	37.35	37.85	48.87	68.20	-19.33	peak
5	11490.000	13.00	37.79	37.69	37.03	50.13	74.00	-23.87	peak
6	p17235.000	14.70	43.03	37.55	33.14	53.32	68.20	-14.88	peak

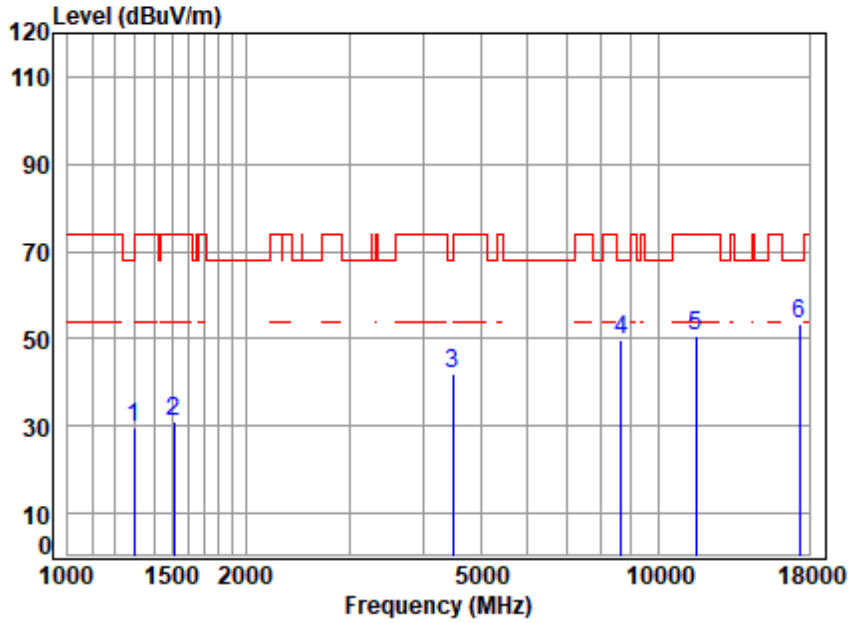
Test Mode: 24; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5785 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1175.697	3.54	24.16	38.34	40.09	29.45	74.00	-44.55	peak
2	1538.281	4.12	26.95	38.39	38.42	31.10	74.00	-42.90	peak
3	4405.090	7.06	34.74	35.79	35.32	41.33	68.20	-26.87	peak
4	8613.468	11.24	36.90	37.22	37.53	48.45	68.20	-19.75	peak
5	11570.000	13.01	37.73	37.67	36.58	49.65	74.00	-24.35	peak
6	p17355.000	14.77	43.26	37.56	32.61	53.08	68.20	-15.12	peak

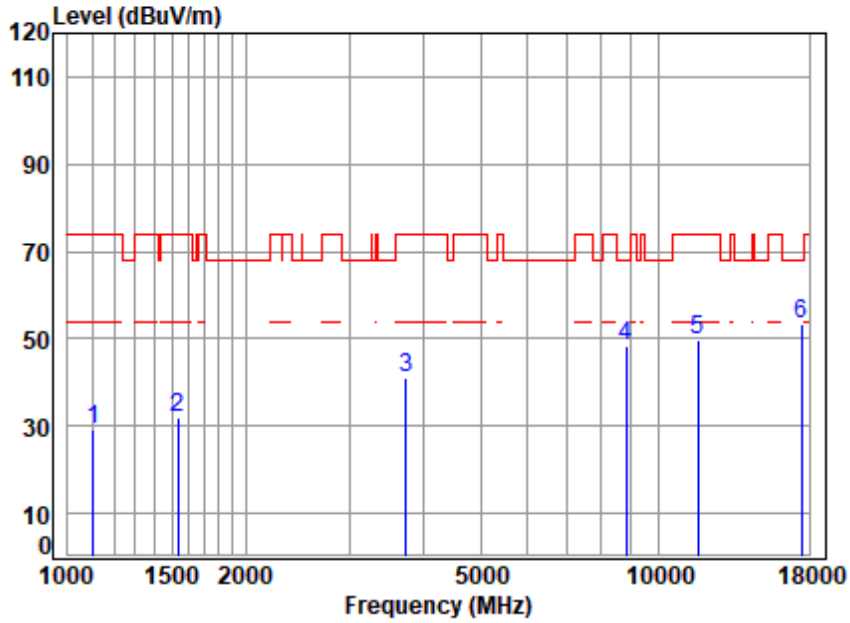
Test Mode: 24; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5785 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1293.359	3.74	24.84	38.36	39.32	29.54	68.20	-38.66	peak
2	1511.833	4.08	26.85	38.39	38.56	31.10	74.00	-42.90	peak
3	4482.150	7.11	33.81	35.74	36.88	42.06	68.20	-26.14	peak
4	8638.399	11.29	36.90	37.24	38.80	49.75	68.20	-18.45	peak
5	11570.000	13.01	37.73	37.67	37.47	50.54	74.00	-23.46	peak
6	p17355.000	14.77	43.26	37.56	32.82	53.29	68.20	-14.91	peak

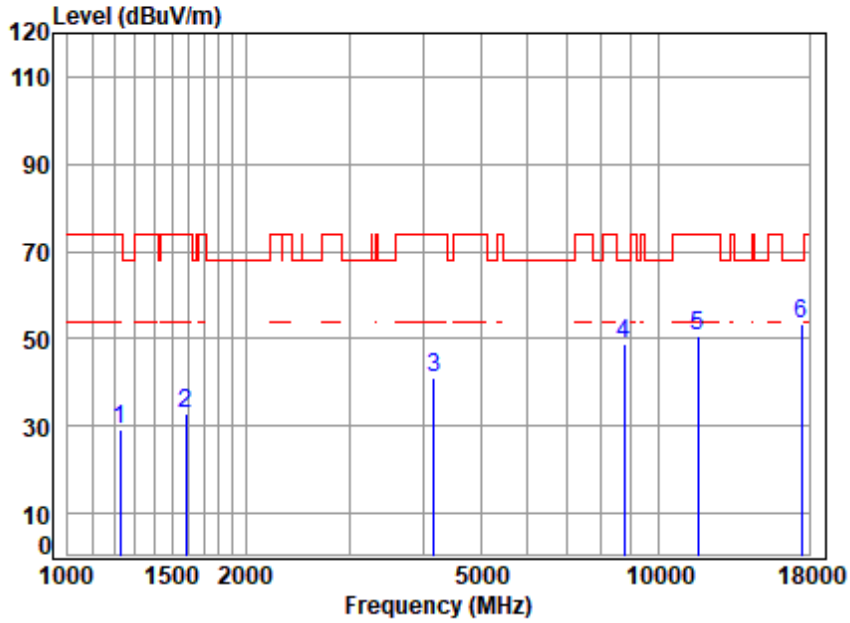
Test Mode: 24; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5825 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1103.264	3.40	23.71	38.32	40.49	29.28	74.00	-44.72	peak
2	1538.281	4.12	26.95	38.39	39.07	31.75	74.00	-42.25	peak
3	3735.978	6.50	32.93	36.11	37.71	41.03	74.00	-32.97	peak
4	8814.957	11.60	37.13	37.42	37.24	48.55	68.20	-19.65	peak
5	11650.000	13.03	37.80	37.65	36.57	49.75	74.00	-24.25	peak
6	p17475.000	14.84	43.40	37.58	32.58	53.24	68.20	-14.96	peak

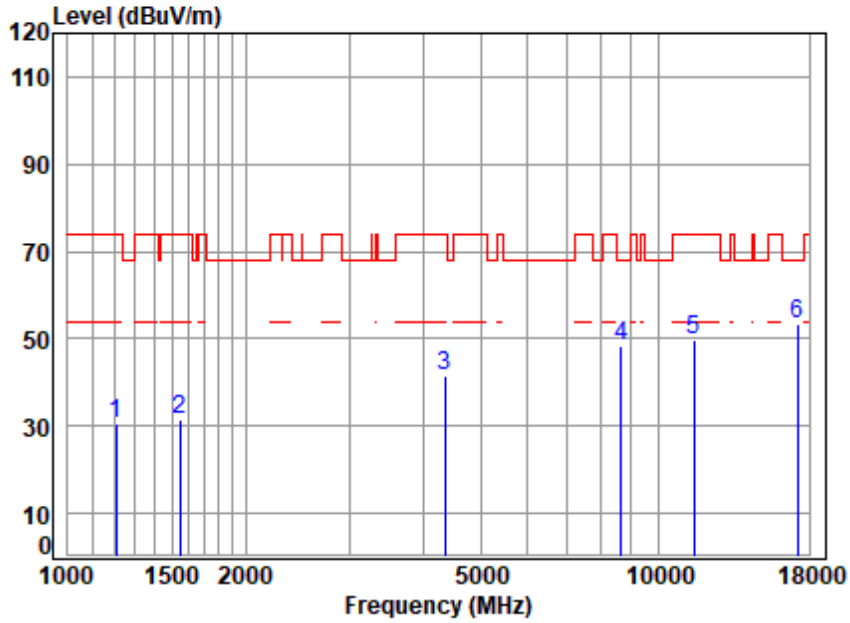
Test Mode: 24; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5825 TX RSE
Note : 5G WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.63	24.79	38.34	39.21	29.29	74.00	-44.71	peak
2	1587.975	4.18	26.85	38.40	40.13	32.76	74.00	-41.24	peak
3	4169.698	6.90	33.80	35.97	36.45	41.18	74.00	-32.82	peak
4	8738.852	11.47	36.90	37.35	37.97	48.99	68.20	-19.21	peak
5	11650.000	13.03	37.80	37.65	37.25	50.43	74.00	-23.57	peak
6	p17475.000	14.84	43.40	37.58	32.68	53.34	68.20	-14.86	peak

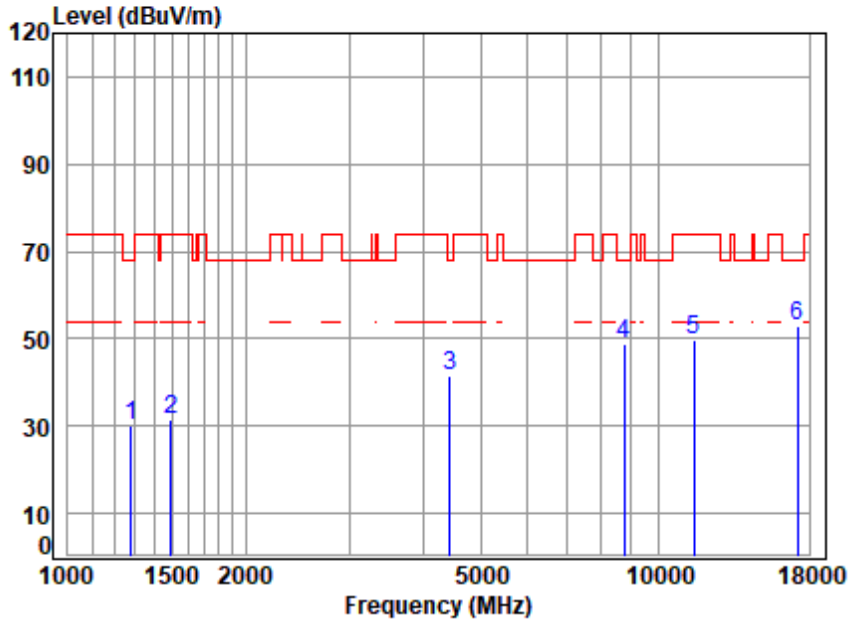
Test Mode: 24; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5745 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1206.682	3.59	24.49	38.34	40.76	30.50	74.00	-43.50	peak
2	1547.199	4.13	26.99	38.39	38.69	31.42	74.00	-42.58	peak
3	4354.454	7.03	34.44	35.83	36.03	41.67	74.00	-32.33	peak
4	8663.404	11.33	36.90	37.27	37.35	48.31	68.20	-19.89	peak
5	11490.000	13.00	37.79	37.69	36.84	49.94	74.00	-24.06	peak
6	p17235.000	14.70	43.03	37.55	33.32	53.50	68.20	-14.70	peak

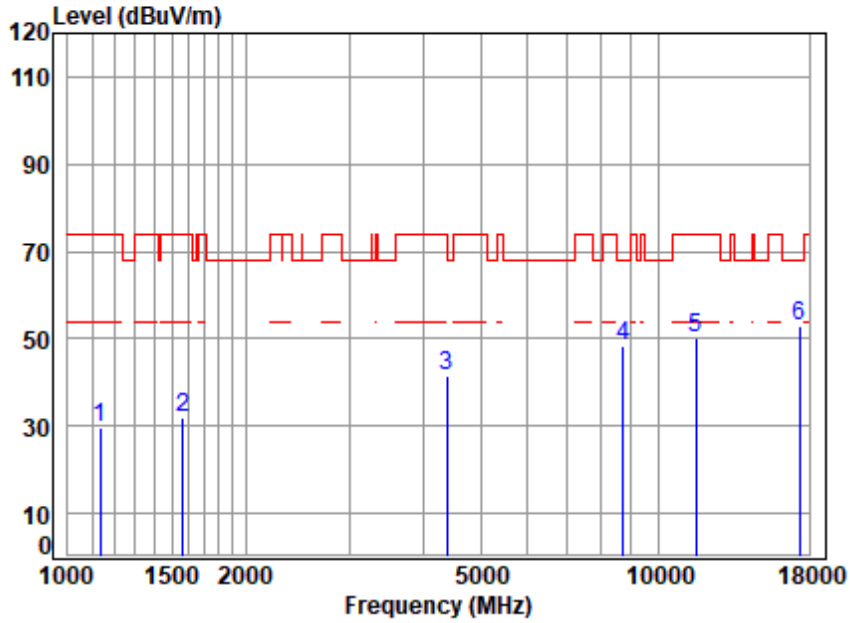
Test Mode: 24; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5745 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.72	24.91	38.35	39.82	30.10	68.20	-38.10	peak
2	1494.455	4.05	26.64	38.39	39.27	31.57	74.00	-42.43	peak
3	4443.453	7.09	34.28	35.77	35.73	41.33	68.20	-26.87	peak
4	8764.146	11.51	36.96	37.37	37.66	48.76	68.20	-19.44	peak
5	11490.000	13.00	37.79	37.69	36.57	49.67	74.00	-24.33	peak
6	p17235.000	14.70	43.03	37.55	32.84	53.02	68.20	-15.18	peak

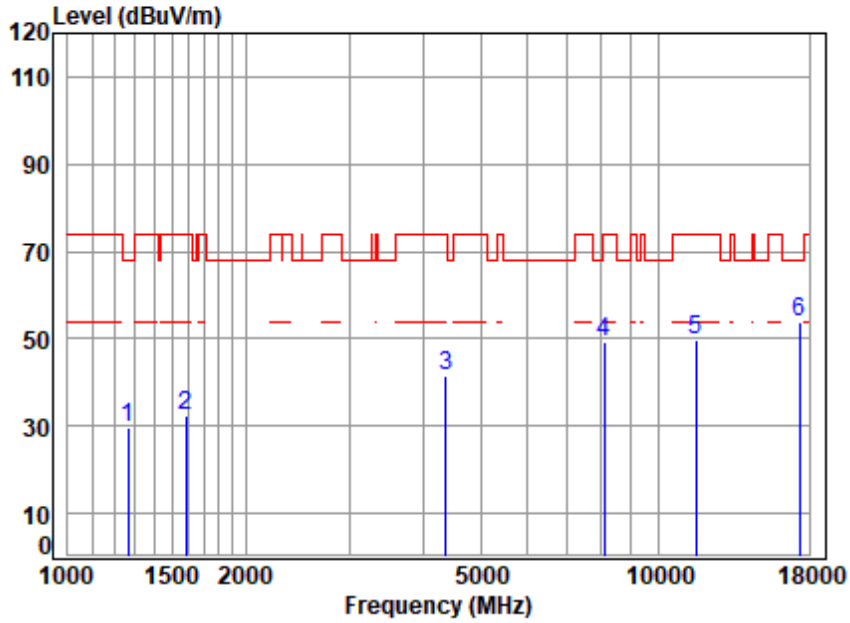
Test Mode: 24; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5785 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1135.617	3.46	23.84	38.33	40.50	29.47	74.00	-44.53	peak
2	1565.191	4.15	26.94	38.40	39.16	31.85	74.00	-42.15	peak
3	4392.376	7.05	34.74	35.80	35.61	41.60	74.00	-32.40	peak
4	8713.630	11.42	36.90	37.32	37.53	48.53	68.20	-19.67	peak
5	11570.000	13.01	37.73	37.67	37.18	50.25	74.00	-23.75	peak
6	p17355.000	14.77	43.26	37.56	32.63	53.10	68.20	-15.10	peak

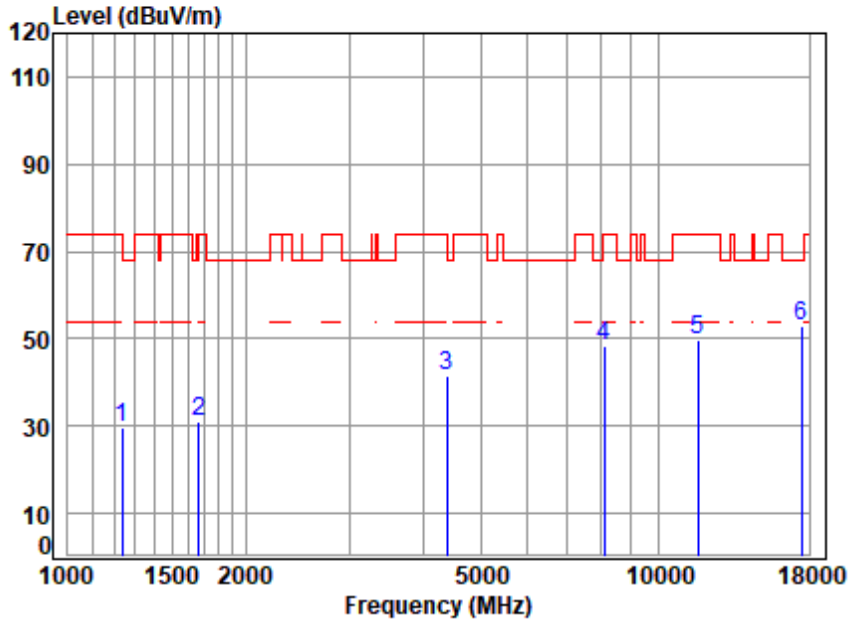
Test Mode: 24; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5785 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1267.454	3.70	25.00	38.35	39.26	29.61	68.20	-38.59	peak
2	1583.392	4.18	26.87	38.40	39.61	32.26	74.00	-41.74	peak
3	4367.058	7.04	34.54	35.82	35.93	41.69	74.00	-32.31	peak
4	8106.200	10.30	36.50	36.68	39.13	49.25	74.00	-24.75	peak
5	11570.000	13.01	37.73	37.67	36.75	49.82	74.00	-24.18	peak
6	p17355.000	14.77	43.26	37.56	33.17	53.64	68.20	-14.56	peak

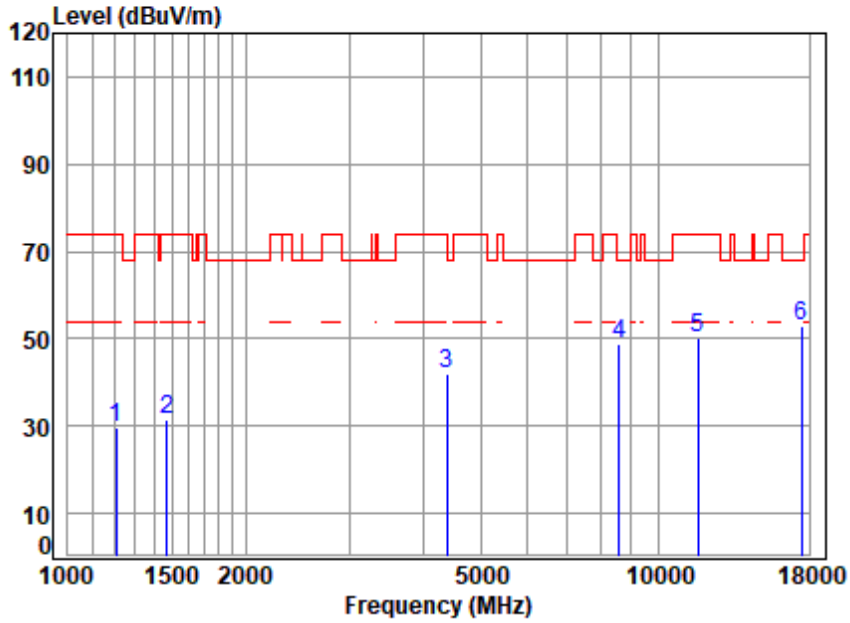
Test Mode: 24; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5825 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.23	29.47	74.00	-44.53	peak
2	1667.951	4.29	26.26	38.41	39.09	31.23	74.00	-42.77	peak
3	4392.376	7.05	34.74	35.80	35.70	41.69	74.00	-32.31	peak
4	8106.200	10.30	36.50	36.68	38.27	48.39	74.00	-25.61	peak
5	11650.000	13.03	37.80	37.65	36.49	49.67	74.00	-24.33	peak
6	p17475.000	14.84	43.40	37.58	32.35	53.01	68.20	-15.19	peak

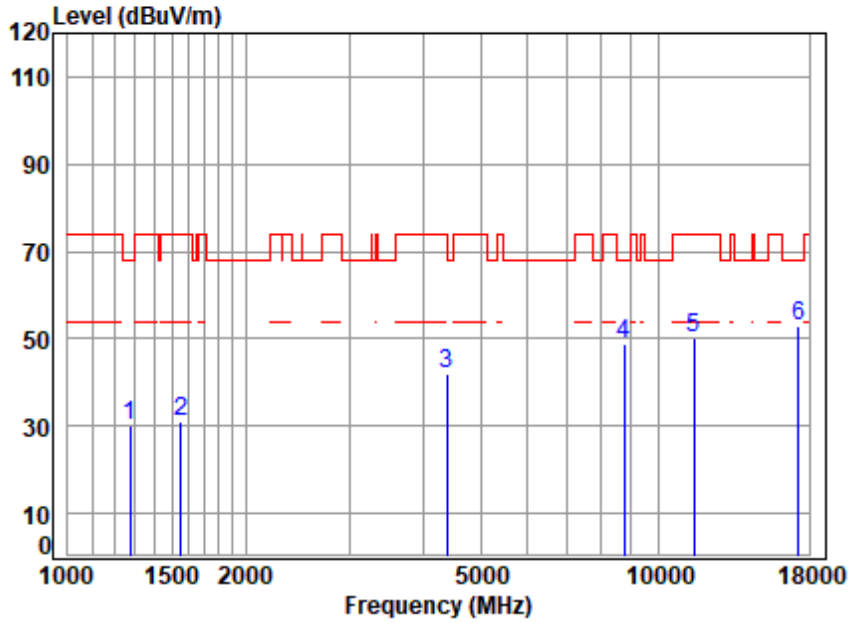
Test Mode: 24; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5825 TX RSE
Note : 5G WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1206.682	3.59	24.49	38.34	40.09	29.83	74.00	-44.17	peak
2	1473.013	4.02	26.04	38.38	39.61	31.29	74.00	-42.71	peak
3	4379.699	7.04	34.64	35.81	36.29	42.16	74.00	-31.84	peak
4	8588.607	11.20	36.88	37.19	38.06	48.95	68.20	-19.25	peak
5	11650.000	13.03	37.80	37.65	37.09	50.27	74.00	-23.73	peak
6	p17475.000	14.84	43.40	37.58	32.30	52.96	68.20	-15.24	peak

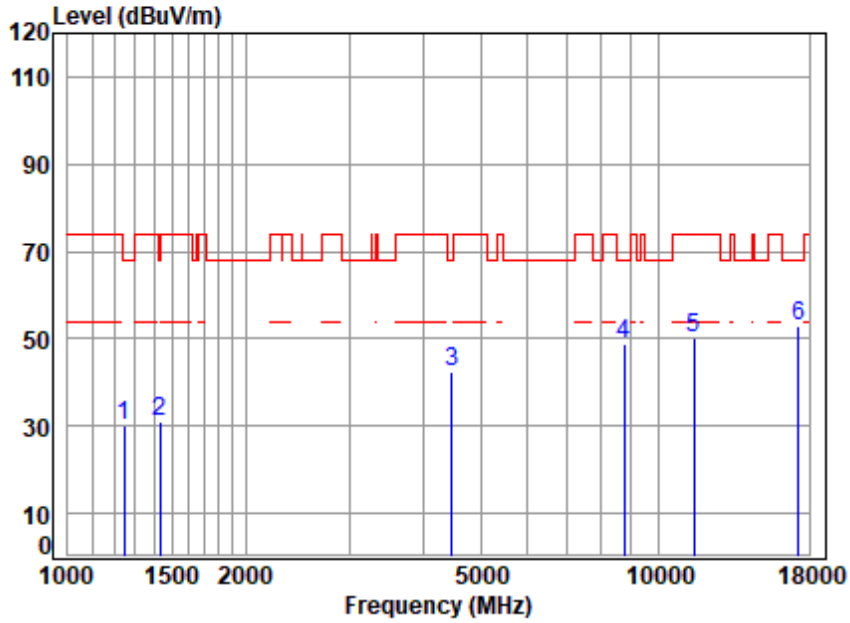
Test Mode: 24; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5755 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.71	24.95	38.35	39.73	30.04	68.20	-38.16	peak
2	1556.169	4.14	26.98	38.40	38.24	30.96	74.00	-43.04	peak
3	4379.699	7.04	34.64	35.81	35.90	41.77	74.00	-32.23	peak
4	8764.146	11.51	36.96	37.37	37.86	48.96	68.20	-19.24	peak
5	11510.000	13.00	37.79	37.69	36.91	50.01	74.00	-23.99	peak
6	p17265.000	14.72	43.06	37.55	32.75	52.98	68.20	-15.22	peak

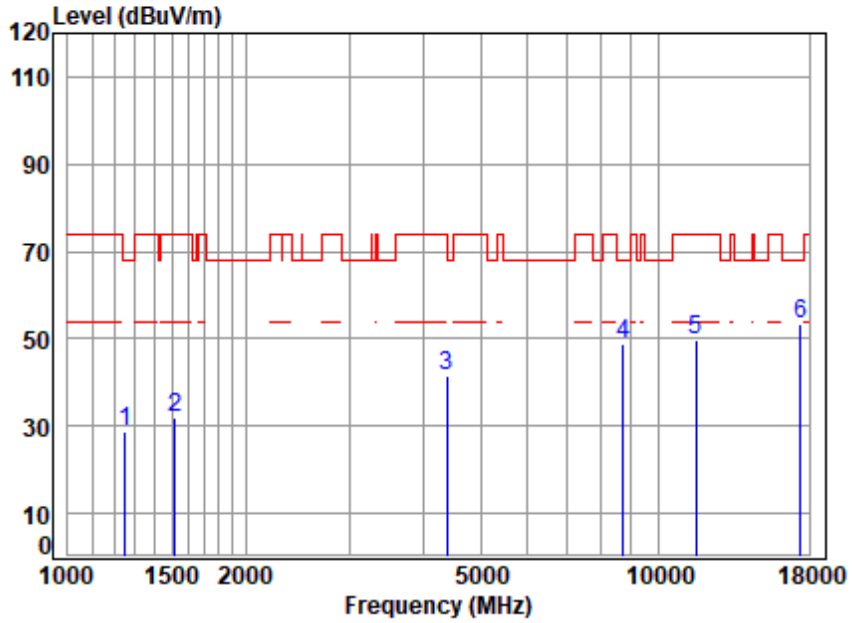
Test Mode: 24; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5755 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.66	25.04	38.35	39.87	30.22	68.20	-37.98	peak
2	1435.189	3.97	25.16	38.38	40.42	31.17	74.00	-42.83	peak
3	4469.214	7.10	33.97	35.75	37.02	42.34	68.20	-25.86	peak
4	8764.146	11.51	36.96	37.37	37.64	48.74	68.20	-19.46	peak
5	11510.000	13.00	37.79	37.69	37.27	50.37	74.00	-23.63	peak
6	p17265.000	14.72	43.06	37.55	32.80	53.03	68.20	-15.17	peak

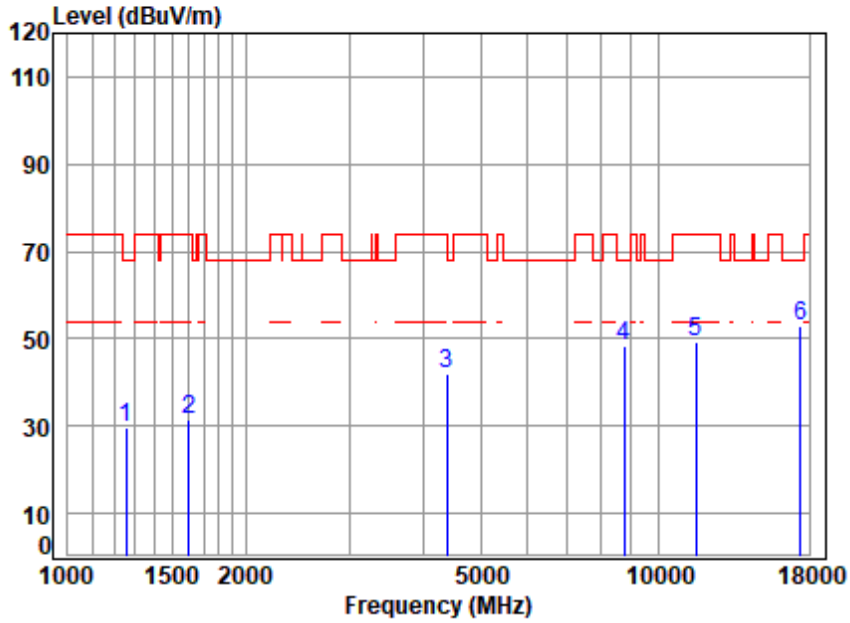
Test Mode: 24; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5795 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.67	25.08	38.35	38.57	28.97	68.20	-39.23	peak
2	1520.598	4.09	26.88	38.39	39.54	32.12	74.00	-41.88	peak
3	4392.376	7.05	34.74	35.80	35.57	41.56	74.00	-32.44	peak
4	8713.630	11.42	36.90	37.32	37.60	48.60	68.20	-19.60	peak
5	11590.000	13.01	37.71	37.67	36.54	49.59	74.00	-24.41	peak
6	p17385.000	14.79	43.35	37.57	32.87	53.44	68.20	-14.76	peak

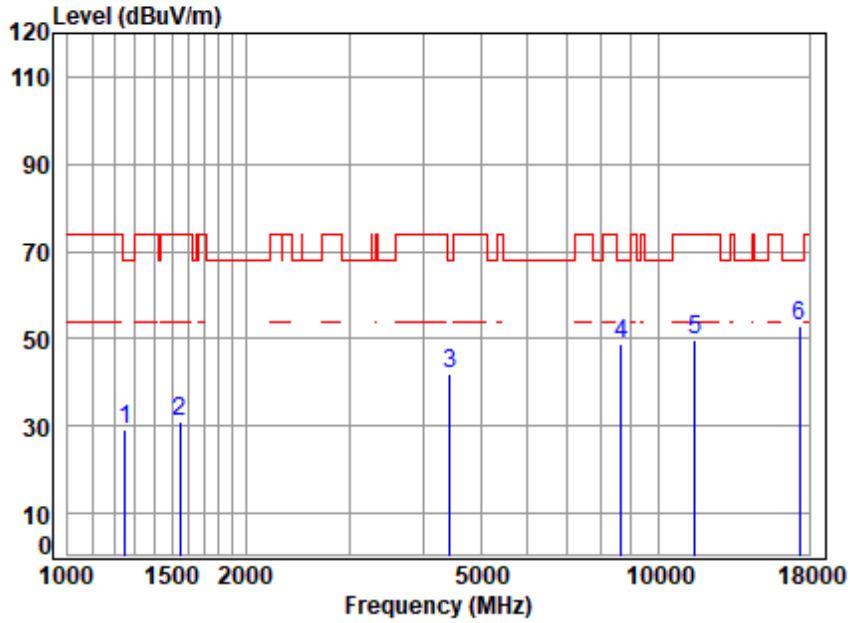
Test Mode: 24; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5795 TX RSE
Note : 5G WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	39.05	29.44	68.20	-38.76	peak
2	1601.804	4.20	26.78	38.40	38.70	31.28	74.00	-42.72	peak
3	4379.699	7.04	34.64	35.81	35.95	41.82	74.00	-32.18	peak
4	8738.852	11.47	36.90	37.35	37.25	48.27	68.20	-19.93	peak
5	11590.000	13.01	37.71	37.67	36.43	49.48	74.00	-24.52	peak
6	p17385.000	14.79	43.35	37.57	32.31	52.88	68.20	-15.32	peak

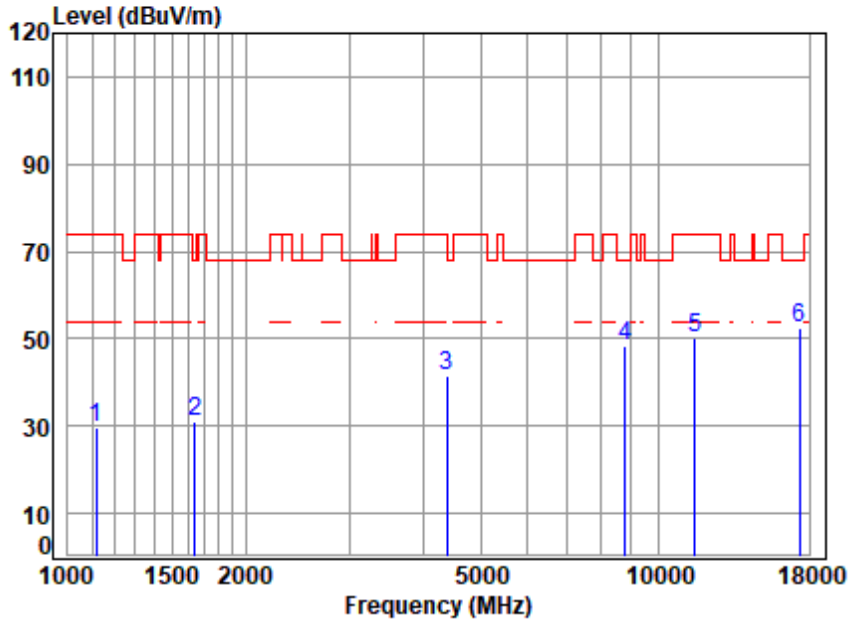
Test Mode: 24; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5775 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	3.67	25.09	38.35	38.90	29.31	68.20	-38.89	peak
2	1547.199	4.13	26.99	38.39	38.20	30.93	74.00	-43.07	peak
3	4443.453	7.09	34.28	35.77	36.28	41.88	68.20	-26.32	peak
4	8663.404	11.33	36.90	37.27	37.99	48.95	68.20	-19.25	peak
5	11550.000	13.01	37.75	37.68	36.46	49.54	74.00	-24.46	peak
6	p17325.000	14.76	43.17	37.56	32.72	53.09	68.20	-15.11	peak

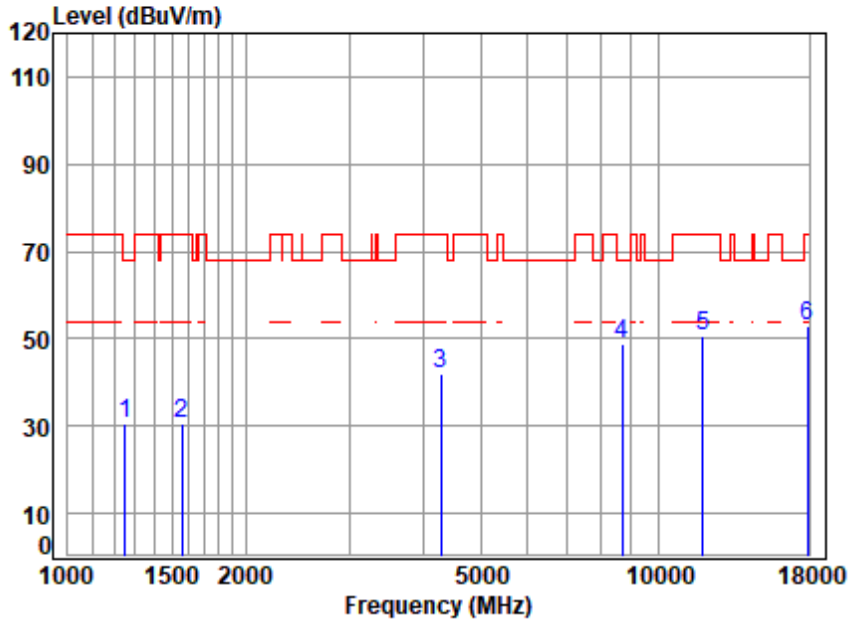
Test Mode: 24; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5775 TX RSE
Note : 5G WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1116.093	3.43	23.76	38.32	40.95	29.82	74.00	-44.18	peak
2	1644.019	4.26	26.36	38.41	38.99	31.20	68.20	-37.00	peak
3	4392.376	7.05	34.74	35.80	35.62	41.61	74.00	-32.39	peak
4	8789.516	11.55	37.06	37.40	37.19	48.40	68.20	-19.80	peak
5	11550.000	13.01	37.75	37.68	37.31	50.39	74.00	-23.61	peak
6	p17325.000	14.76	43.17	37.56	32.09	52.46	68.20	-15.74	peak

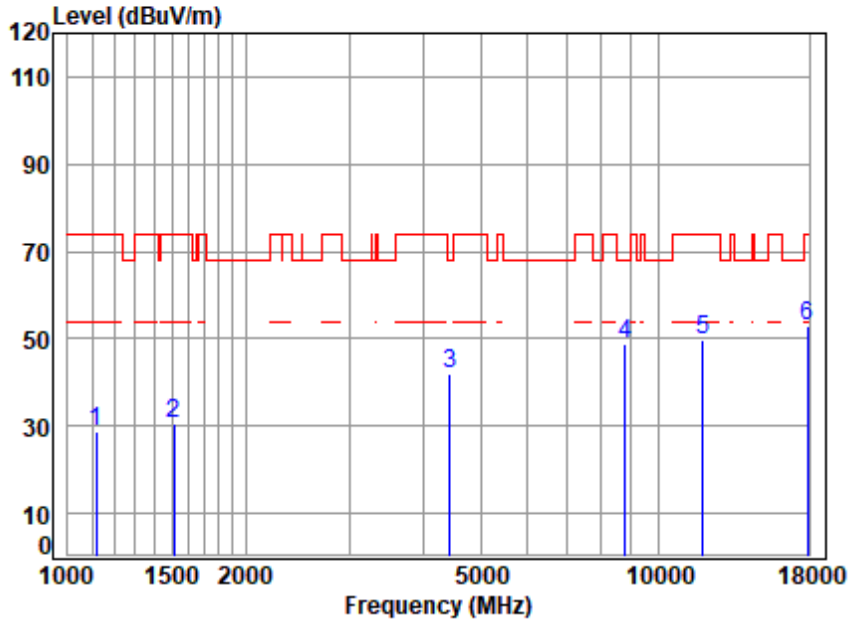
Test Mode: 25; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5955 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	3.67	25.09	38.35	40.25	30.66	68.20	-37.54	peak
2	1560.673	4.15	26.96	38.40	37.95	30.66	74.00	-43.34	peak
3	4279.589	6.98	33.92	35.89	36.79	41.80	74.00	-32.20	peak
4 p	8688.480	11.38	36.90	37.30	37.85	48.83	68.20	-19.37	peak
5	11910.000	13.07	37.71	37.58	37.37	50.57	74.00	-23.43	peak
6	17865.000	15.07	43.90	37.64	31.42	52.75	74.00	-21.25	peak

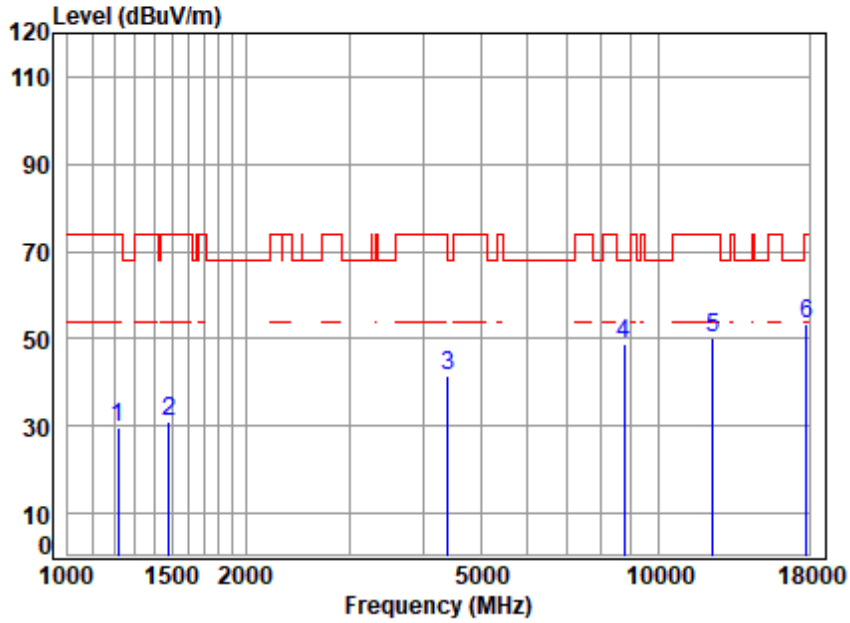
Test Mode: 25; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5955 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1119.323	3.43	23.78	38.32	40.03	28.92	74.00	-45.08	peak
2	1511.833	4.08	26.85	38.39	38.23	30.77	74.00	-43.23	peak
3	4430.628	7.08	34.43	35.77	36.14	41.88	68.20	-26.32	peak
4 p	8789.516	11.55	37.06	37.40	37.58	48.79	68.20	-19.41	peak
5	11910.000	13.07	37.71	37.58	36.46	49.66	74.00	-24.34	peak
6	17865.000	15.07	43.90	37.64	31.50	52.83	74.00	-21.17	peak

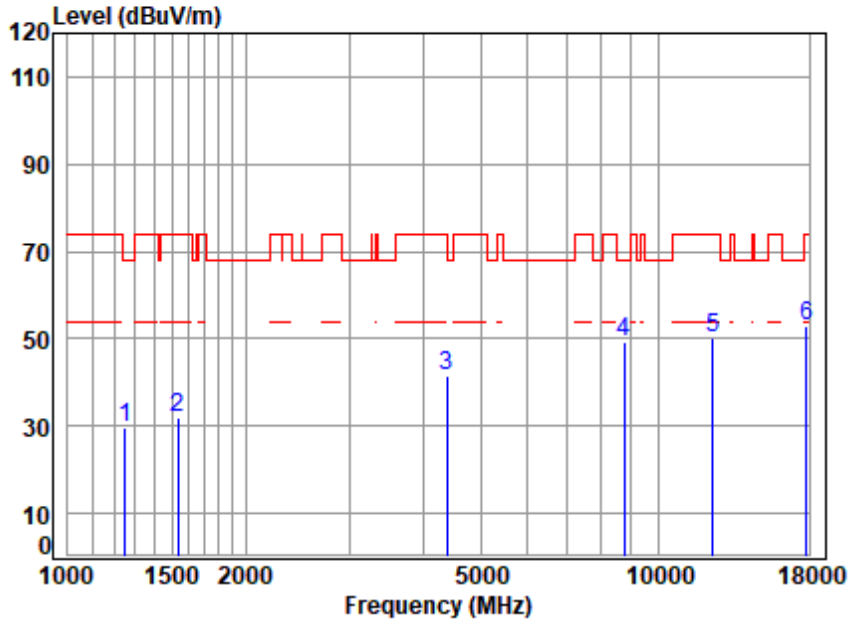
Test Mode: 25; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6175 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1217.190	3.61	24.64	38.34	39.61	29.52	74.00	-44.48	peak
2	1485.841	4.04	26.40	38.39	39.05	31.10	74.00	-42.90	peak
3	4405.090	7.06	34.74	35.79	35.71	41.72	68.20	-26.48	peak
4 p	8738.852	11.47	36.90	37.35	37.92	48.94	68.20	-19.26	peak
5	12350.000	13.26	37.90	37.45	36.57	50.28	74.00	-23.72	peak
6	17844.590	15.06	43.90	37.64	31.99	53.31	74.00	-20.69	peak

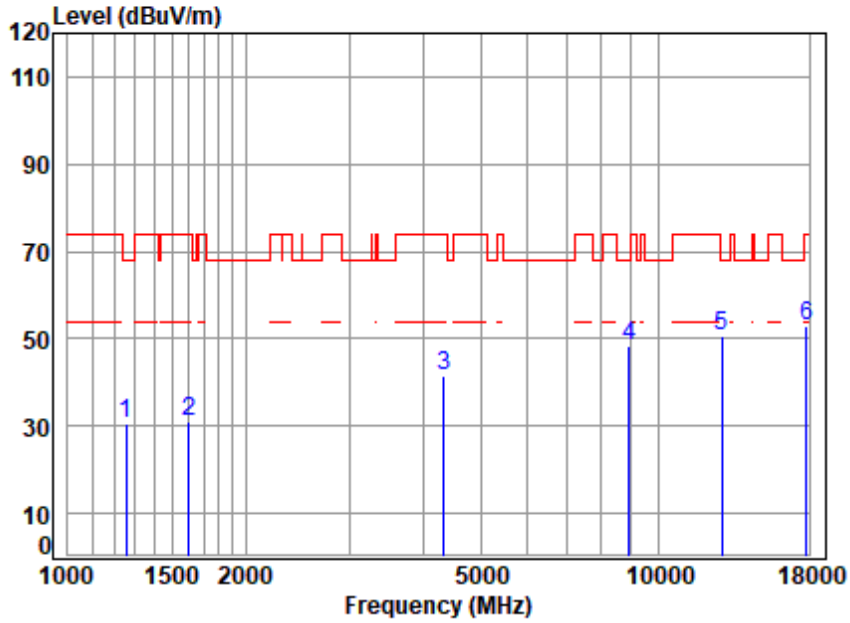
Test Mode: 25; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6175 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	3.67	25.09	38.35	39.31	29.72	68.20	-38.48	peak
2	1533.841	4.11	26.94	38.39	39.28	31.94	74.00	-42.06	peak
3	4379.699	7.04	34.64	35.81	35.65	41.52	74.00	-32.48	peak
4 p	8738.852	11.47	36.90	37.35	38.26	49.28	68.20	-18.92	peak
5	12350.000	13.26	37.90	37.45	36.26	49.97	74.00	-24.03	peak
6	17844.590	15.06	43.90	37.64	31.80	53.12	74.00	-20.88	peak

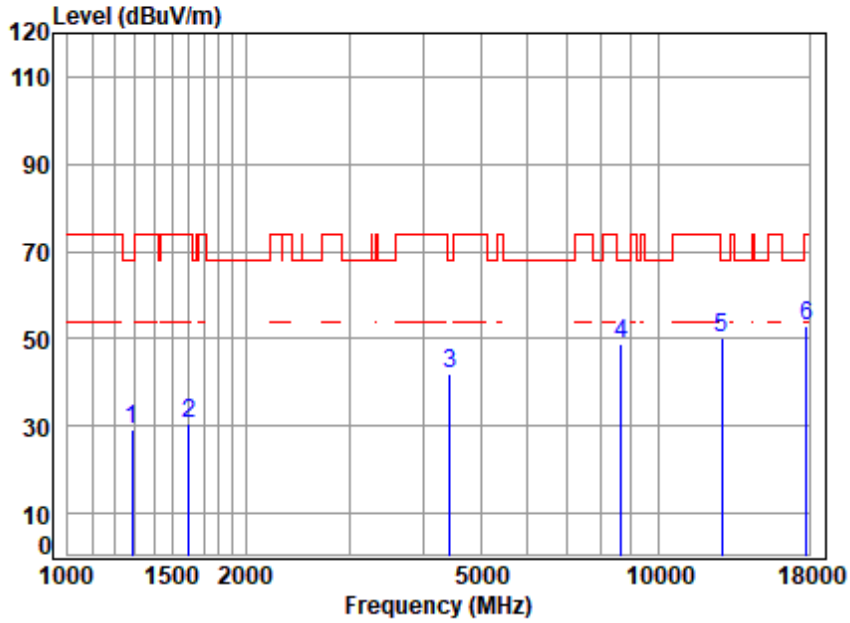
Test Mode: 25; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6395 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	40.05	30.44	68.20	-37.76	peak
2	1601.804	4.20	26.78	38.40	38.59	31.17	74.00	-42.83	peak
3	4341.886	7.02	34.34	35.84	36.14	41.66	74.00	-32.34	peak
4	8917.462	11.78	37.13	37.53	37.02	48.40	68.20	-19.80	peak
5	p12790.000	13.46	38.10	37.33	36.22	50.45	68.20	-17.75	peak
6	17844.590	15.06	43.90	37.64	31.81	53.13	74.00	-20.87	peak

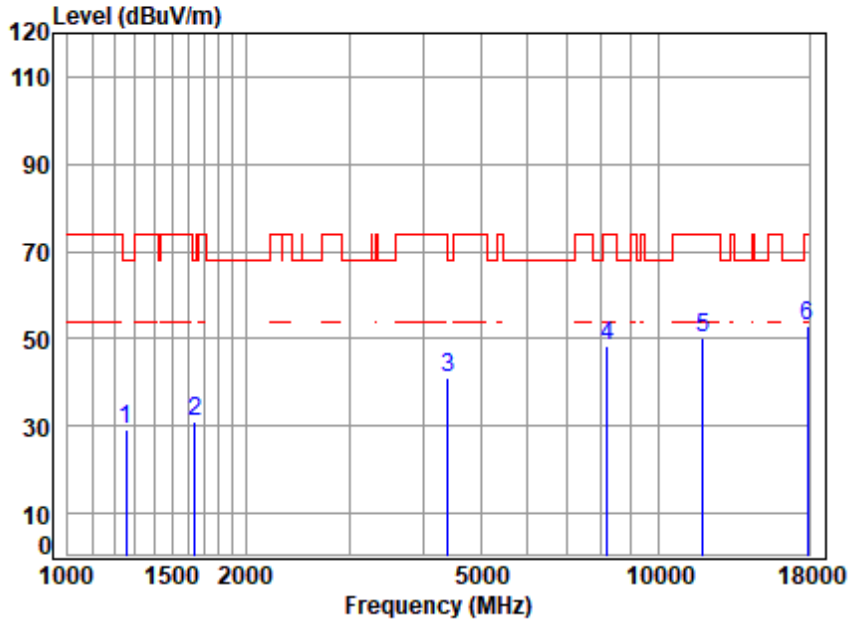
Test Mode: 25; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6395 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1285.904	3.73	24.88	38.35	39.11	29.37	68.20	-38.83	peak
2	1601.804	4.20	26.78	38.40	38.19	30.77	74.00	-43.23	peak
3	4430.628	7.08	34.43	35.77	36.12	41.86	68.20	-26.34	peak
4	8663.404	11.33	36.90	37.27	37.74	48.70	68.20	-19.50	peak
5	p12790.000	13.46	38.10	37.33	36.09	50.32	68.20	-17.88	peak
6	17793.090	15.03	43.89	37.63	31.62	52.91	74.00	-21.09	peak

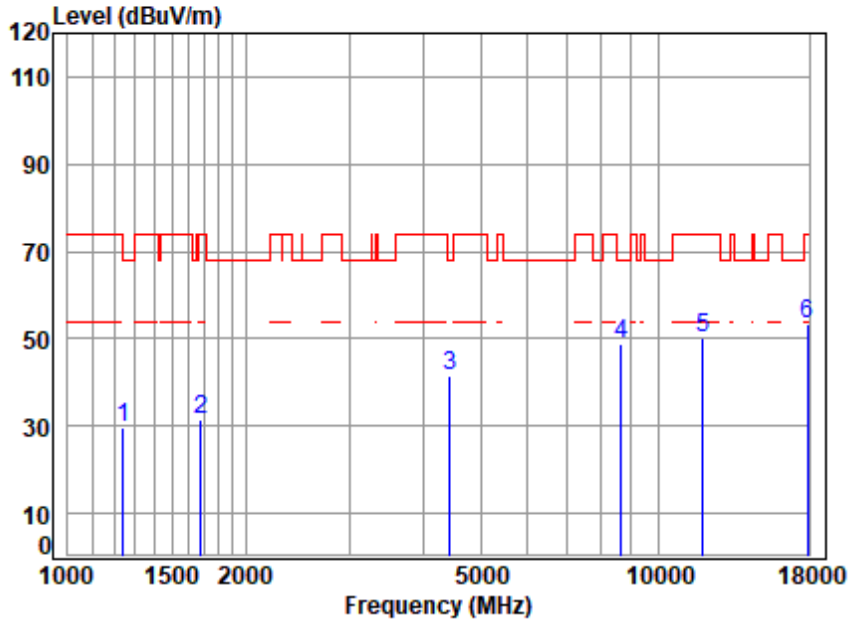
Test Mode: 25; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5955 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	38.79	29.18	68.20	-39.02	peak
2	1644.019	4.26	26.36	38.41	38.85	31.06	68.20	-37.14	peak
3	4405.090	7.06	34.74	35.79	35.09	41.10	68.20	-27.10	peak
4	8200.463	10.48	36.60	36.78	38.29	48.59	74.00	-25.41	peak
5	11910.000	13.07	37.71	37.58	37.22	50.42	74.00	-23.58	peak
6	p17865.000	15.07	43.90	37.64	31.41	52.74	74.00	-21.26	peak

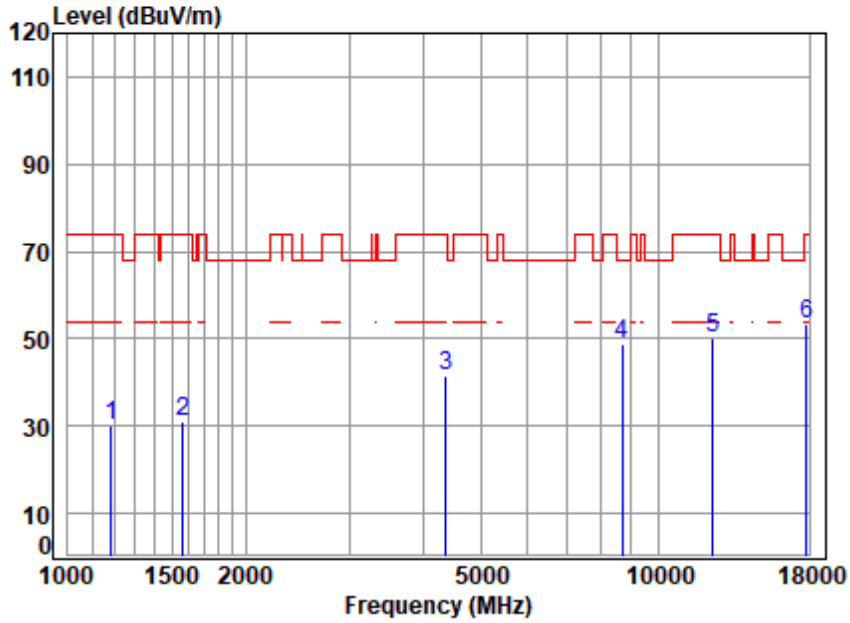
Test Mode: 25; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5955 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.66	24.99	38.35	39.27	29.57	68.20	-38.63	peak
2	1677.621	4.30	26.24	38.41	39.34	31.47	74.00	-42.53	peak
3	4443.453	7.09	34.28	35.77	35.99	41.59	68.20	-26.61	peak
4 p	8638.399	11.29	36.90	37.24	37.72	48.67	68.20	-19.53	peak
5	11910.000	13.07	37.71	37.58	37.15	50.35	74.00	-23.65	peak
6	17865.000	15.07	43.90	37.64	31.91	53.24	74.00	-20.76	peak

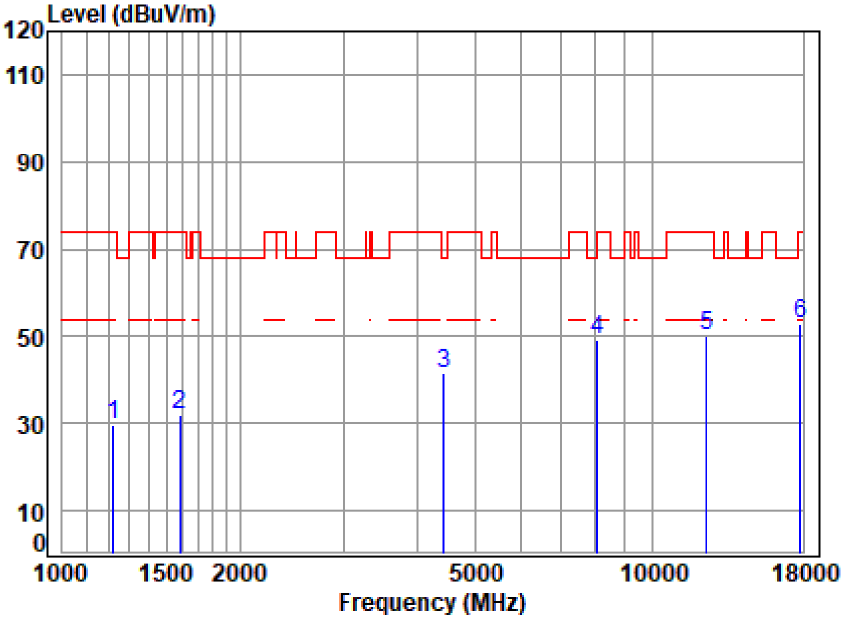
Test Mode: 25; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6175 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1185.936	3.56	24.26	38.34	40.42	29.90	74.00	-44.10	peak
2	1565.191	4.15	26.94	38.40	38.35	31.04	74.00	-42.96	peak
3	4367.058	7.04	34.54	35.82	35.93	41.69	74.00	-32.31	peak
4 p	8688.480	11.38	36.90	37.30	37.62	48.60	68.20	-19.60	peak
5	12350.000	13.26	37.90	37.45	36.68	50.39	74.00	-23.61	peak
6	17793.090	15.03	43.89	37.63	32.00	53.29	74.00	-20.71	peak

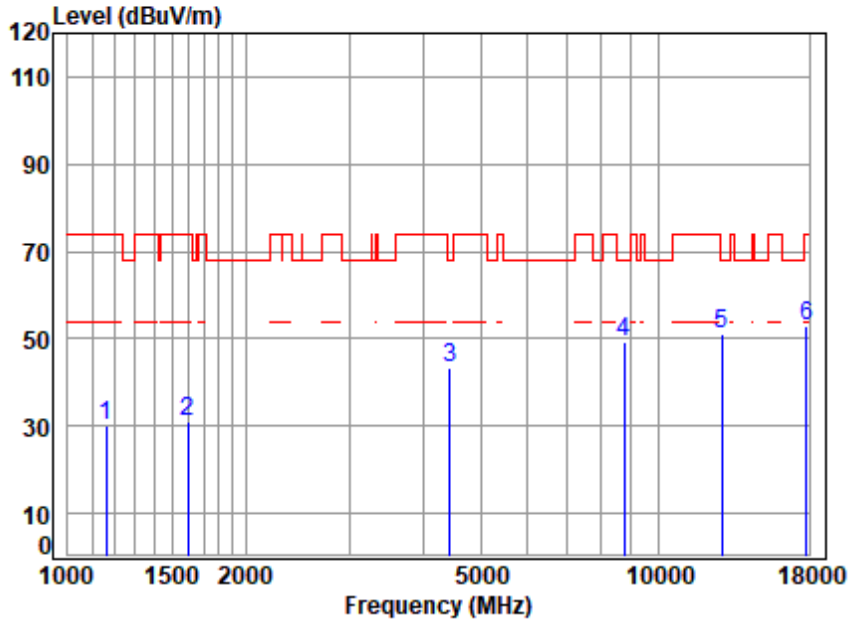
Test Mode: 25; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6175 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	3.62	24.69	38.34	39.76	29.73	74.00	-44.27	peak
2	1583.392	4.18	26.87	38.40	39.40	32.05	74.00	-41.95	peak
3	4430.628	7.08	34.43	35.77	35.91	41.65	68.20	-26.55	peak
4	8082.804	10.26	36.47	36.65	39.18	49.26	74.00	-24.74	peak
5	12350.000	13.26	37.90	37.45	36.59	50.30	74.00	-23.70	peak
6	p17793.090	15.03	43.89	37.63	31.78	53.07	74.00	-20.93	peak

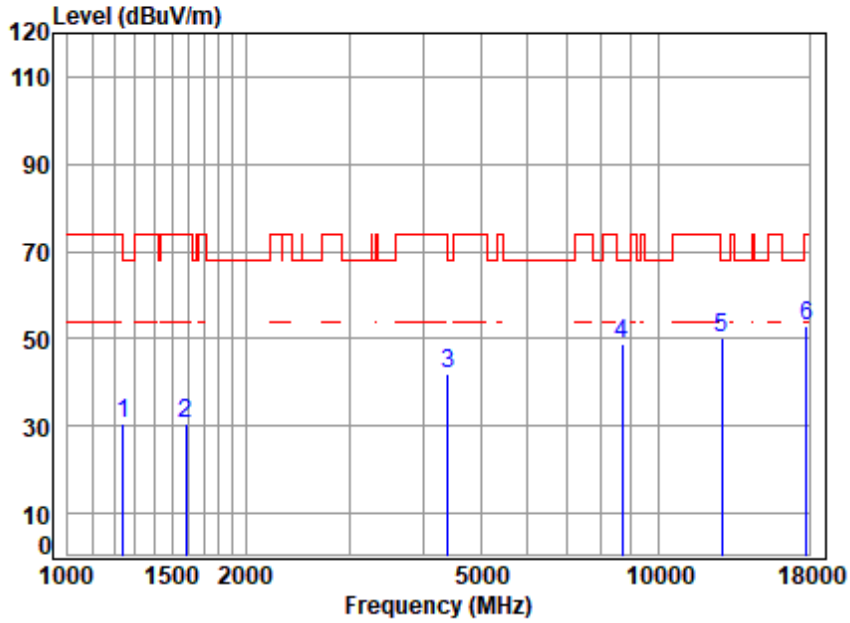
Test Mode: 25; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6395 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1162.182	3.51	24.02	38.33	40.76	29.96	74.00	-44.04	peak
2	1597.181	4.20	26.81	38.40	38.35	30.96	74.00	-43.04	peak
3	4430.628	7.08	34.43	35.77	37.54	43.28	68.20	-24.92	peak
4	8764.146	11.51	36.96	37.37	38.33	49.43	68.20	-18.77	peak
5	p12790.000	13.46	38.10	37.33	36.95	51.18	68.20	-17.02	peak
6	17844.590	15.06	43.90	37.64	31.46	52.78	74.00	-21.22	peak

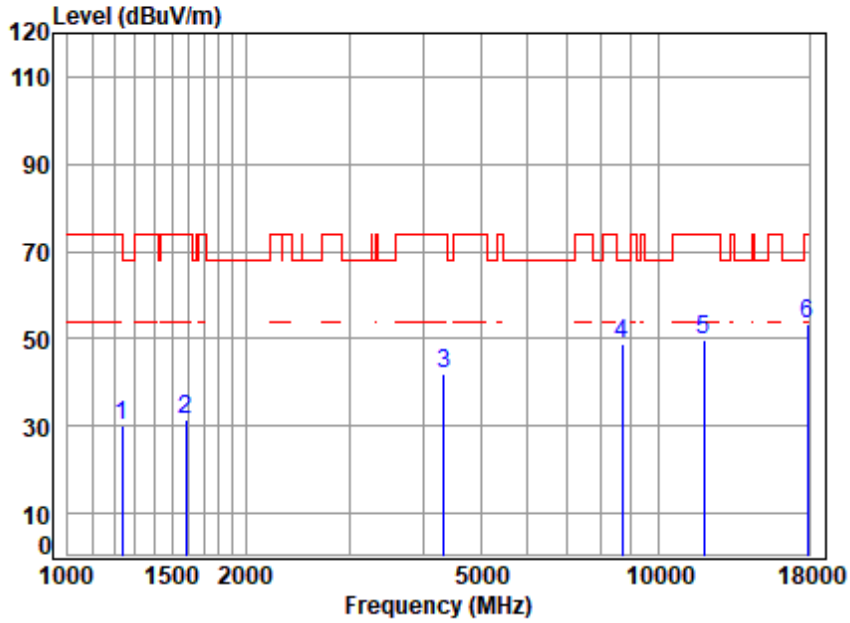
Test Mode: 25; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6395 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.66	24.99	38.35	40.41	30.71	68.20	-37.49	peak
2	1587.975	4.18	26.85	38.40	38.16	30.79	74.00	-43.21	peak
3	4405.090	7.06	34.74	35.79	35.75	41.76	68.20	-26.44	peak
4	8688.480	11.38	36.90	37.30	38.00	48.98	68.20	-19.22	peak
5	p12790.000	13.46	38.10	37.33	35.81	50.04	68.20	-18.16	peak
6	17844.590	15.06	43.90	37.64	31.81	53.13	74.00	-20.87	peak

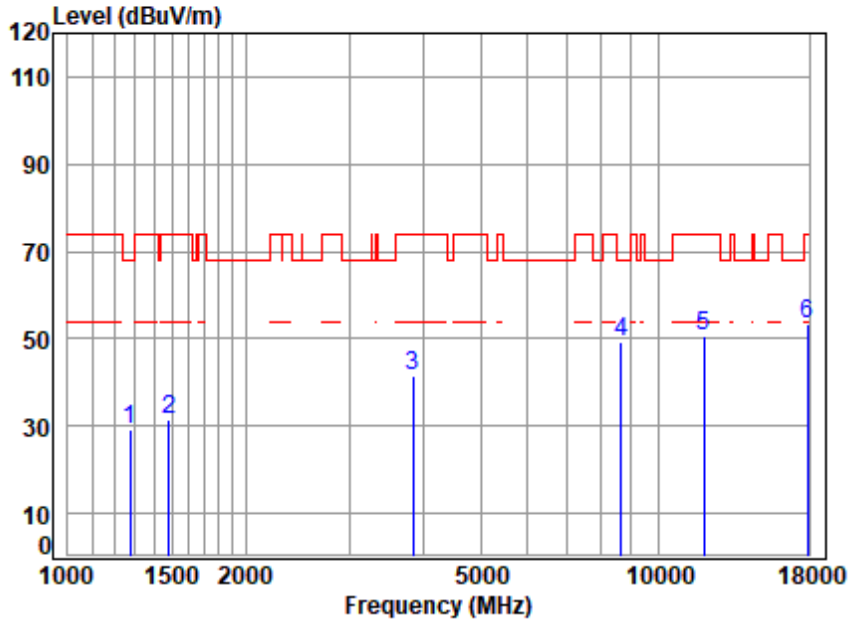
Test Mode: 25; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5965 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.94	30.18	74.00	-43.82	peak
2	1583.392	4.18	26.87	38.40	38.68	31.33	74.00	-42.67	peak
3	4329.354	7.01	34.23	35.85	36.49	41.88	74.00	-32.12	peak
4 p	8688.480	11.38	36.90	37.30	37.69	48.67	68.20	-19.53	peak
5	11930.000	13.08	37.73	37.57	36.56	49.80	74.00	-24.20	peak
6	17895.000	15.09	43.90	37.64	32.23	53.58	74.00	-20.42	peak

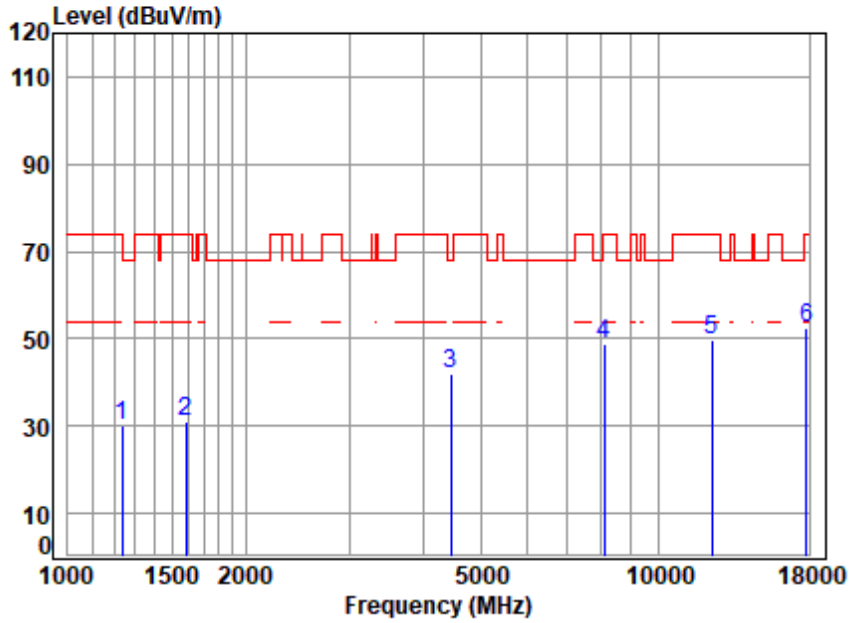
Test Mode: 25; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5965 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.71	24.95	38.35	39.02	29.33	68.20	-38.87	peak
2	1485.841	4.04	26.40	38.39	39.35	31.40	74.00	-42.60	peak
3	3845.537	6.62	33.04	36.11	37.75	41.30	74.00	-32.70	peak
4 p	8638.399	11.29	36.90	37.24	38.22	49.17	68.20	-19.03	peak
5	11930.000	13.08	37.73	37.57	37.22	50.46	74.00	-23.54	peak
6	17895.000	15.09	43.90	37.64	31.83	53.18	74.00	-20.82	peak

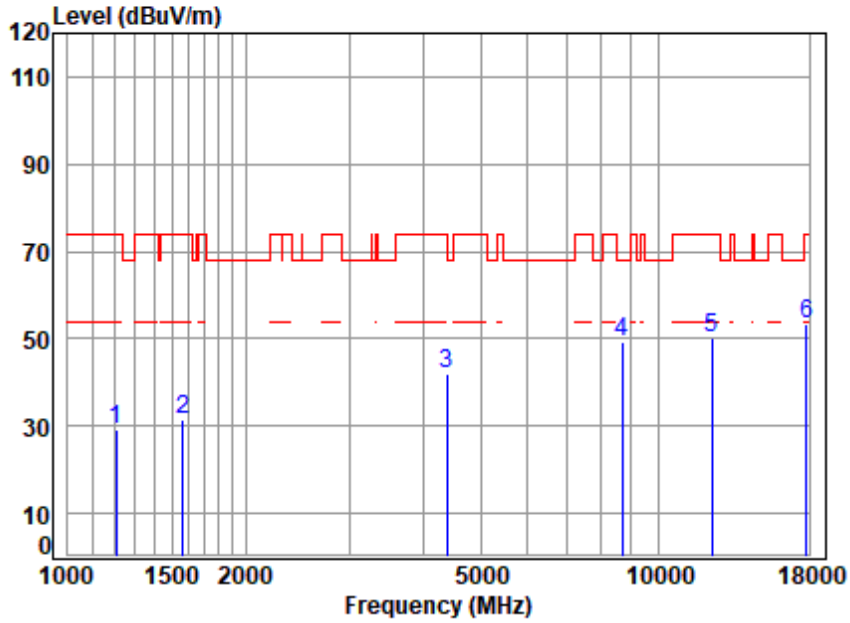
Test Mode: 25; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6165 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.97	30.21	74.00	-43.79	peak
2	1583.392	4.18	26.87	38.40	38.55	31.20	74.00	-42.80	peak
3	4456.315	7.09	34.12	35.76	36.47	41.92	68.20	-26.28	peak
4	8106.200	10.30	36.50	36.68	38.85	48.97	74.00	-25.03	peak
5	12330.000	13.25	37.90	37.46	35.88	49.57	74.00	-24.43	peak
6	p17793.090	15.03	43.89	37.63	31.36	52.65	74.00	-21.35	peak

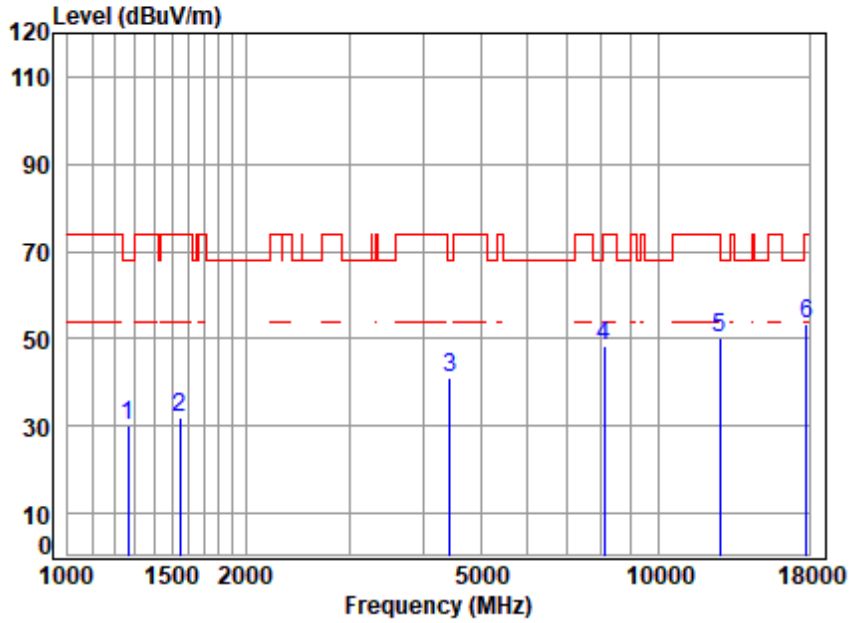
Test Mode: 25; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6165 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1206.682	3.59	24.49	38.34	39.59	29.33	74.00	-44.67	peak
2	1565.191	4.15	26.94	38.40	38.79	31.48	74.00	-42.52	peak
3	4392.376	7.05	34.74	35.80	35.95	41.94	74.00	-32.06	peak
4 p	8688.480	11.38	36.90	37.30	38.17	49.15	68.20	-19.05	peak
5	12330.000	13.25	37.90	37.46	36.47	50.16	74.00	-23.84	peak
6	17844.590	15.06	43.90	37.64	32.22	53.54	74.00	-20.46	peak

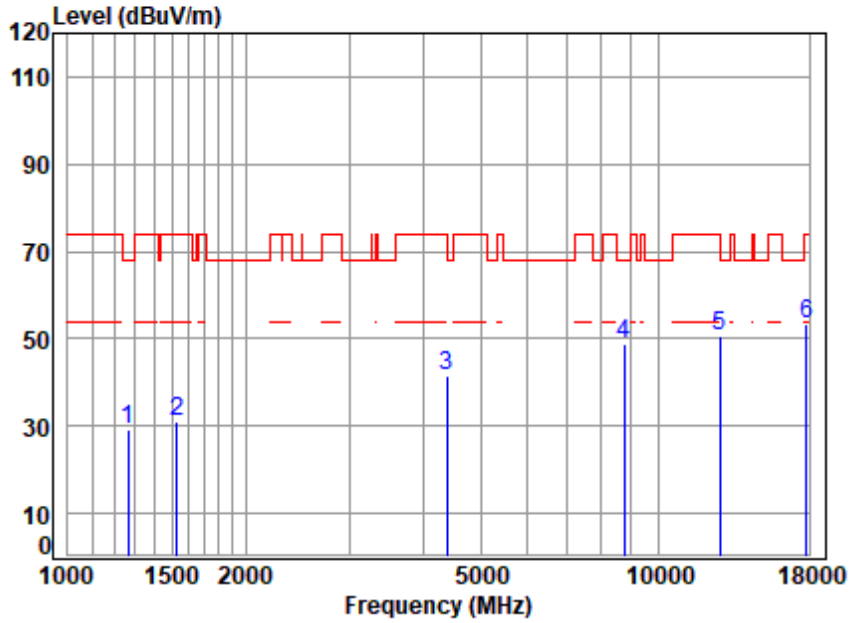
Test Mode: 25; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6365 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.796	3.69	25.02	38.35	39.75	30.11	68.20	-38.09	peak
2	1547.199	4.13	26.99	38.39	39.08	31.81	74.00	-42.19	peak
3	4430.628	7.08	34.43	35.77	35.17	40.91	68.20	-27.29	peak
4	8106.200	10.30	36.50	36.68	38.32	48.44	74.00	-25.56	peak
5	p12730.000	13.43	38.10	37.34	36.10	50.29	68.20	-17.91	peak
6	17844.590	15.06	43.90	37.64	32.01	53.33	74.00	-20.67	peak

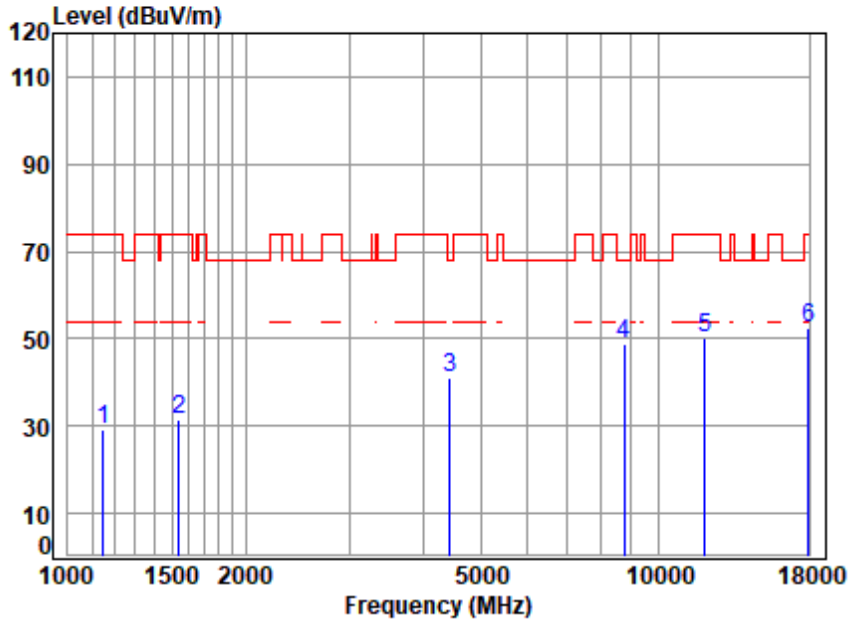
Test Mode: 25; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6365 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.796	3.69	25.02	38.35	38.74	29.10	68.20	-39.10	peak
2	1529.414	4.10	26.92	38.39	38.48	31.11	74.00	-42.89	peak
3	4392.376	7.05	34.74	35.80	35.55	41.54	74.00	-32.46	peak
4	8738.852	11.47	36.90	37.35	37.68	48.70	68.20	-19.50	peak
5	p12730.000	13.43	38.10	37.34	36.49	50.68	68.20	-17.52	peak
6	17844.590	15.06	43.90	37.64	31.99	53.31	74.00	-20.69	peak

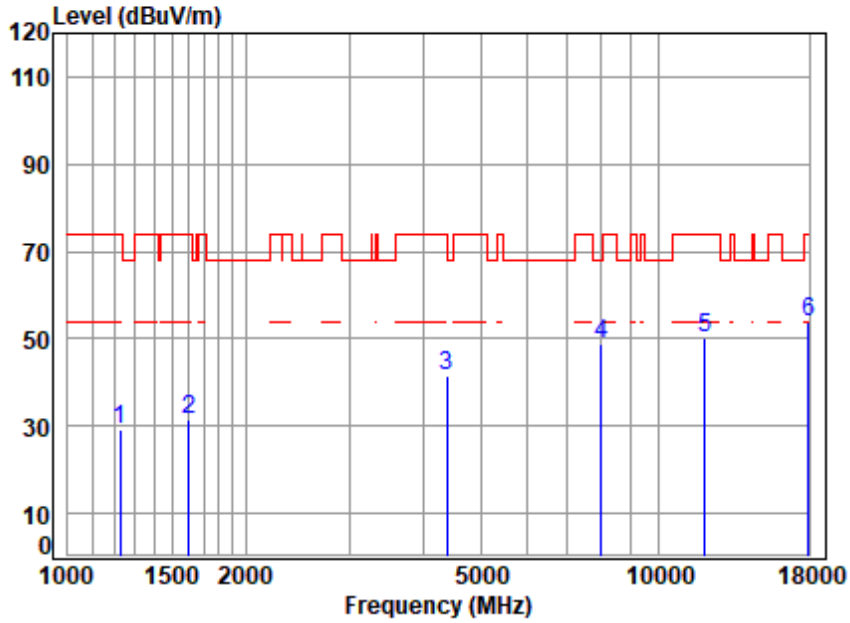
Test Mode: 25; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 5985 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1148.823	3.49	23.90	38.33	40.20	29.26	74.00	-44.74	peak
2	1542.733	4.12	26.97	38.39	38.85	31.55	74.00	-42.45	peak
3	4430.628	7.08	34.43	35.77	35.43	41.17	68.20	-27.03	peak
4 p	8738.852	11.47	36.90	37.35	37.84	48.86	68.20	-19.34	peak
5	11970.000	13.08	37.77	37.56	36.93	50.22	74.00	-23.78	peak
6	17955.000	15.12	44.12	37.65	31.03	52.62	74.00	-21.38	peak

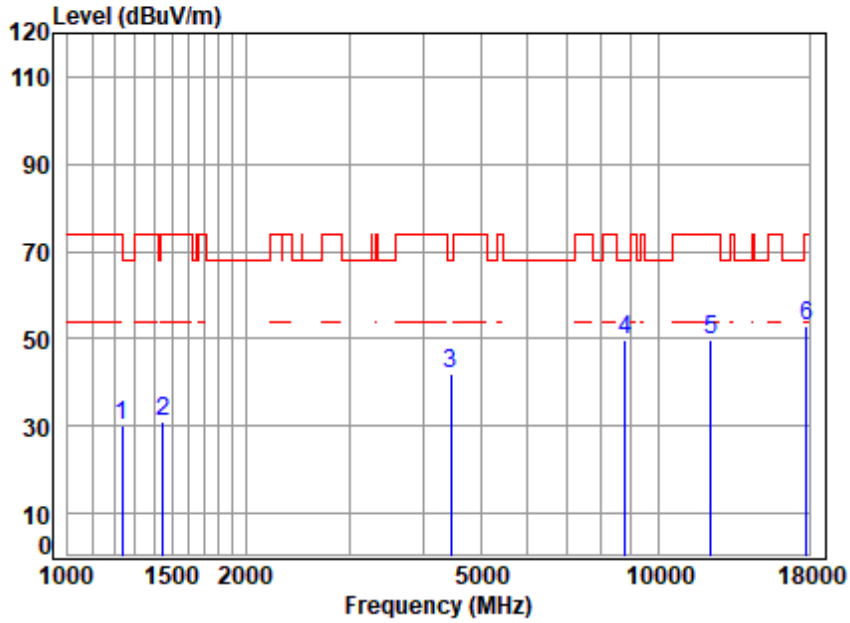
Test Mode: 25; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 5985 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.63	24.79	38.34	39.05	29.13	74.00	-44.87	peak
2	1606.441	4.21	26.74	38.40	38.78	31.33	74.00	-42.67	peak
3	4392.376	7.05	34.74	35.80	35.45	41.44	74.00	-32.56	peak
4 p	8013.020	10.13	36.40	36.57	39.03	48.99	68.20	-19.21	peak
5	11970.000	13.08	37.77	37.56	36.86	50.15	74.00	-23.85	peak
6	17955.000	15.12	44.12	37.65	32.05	53.64	74.00	-20.36	peak

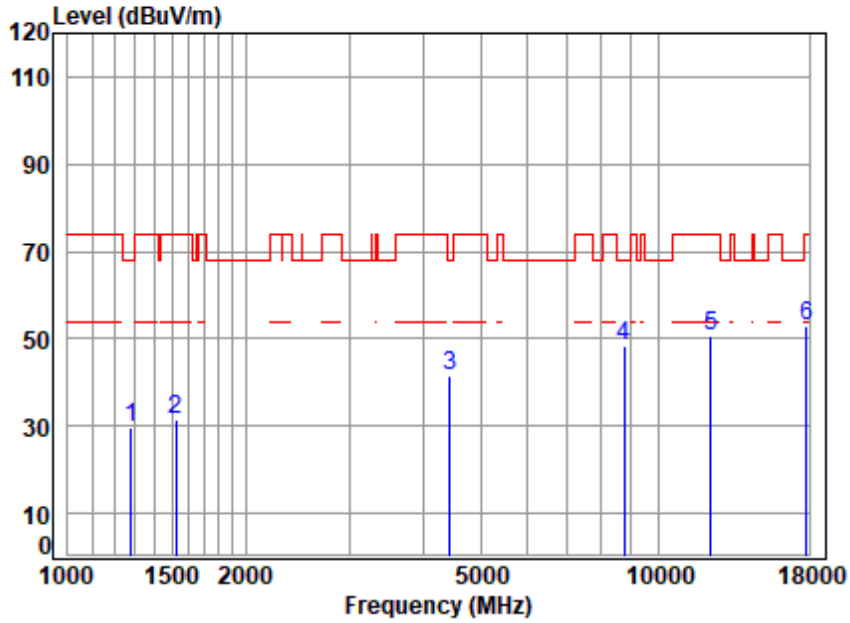
Test Mode: 25; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6145 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.72	29.96	74.00	-44.04	peak
2	1451.878	3.99	25.45	38.38	39.88	30.94	74.00	-43.06	peak
3	4456.315	7.09	34.12	35.76	36.33	41.78	68.20	-26.42	peak
4 p	8789.516	11.55	37.06	37.40	38.31	49.52	68.20	-18.68	peak
5	12290.000	13.23	37.90	37.47	36.24	49.90	74.00	-24.10	peak
6	17793.090	15.03	43.89	37.63	31.59	52.88	74.00	-21.12	peak

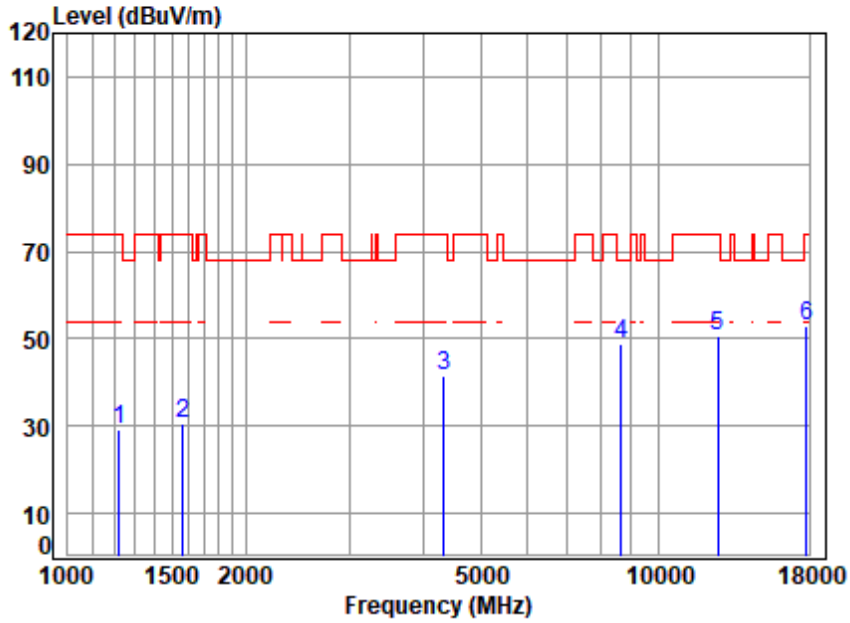
Test Mode: 25; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6145 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.72	24.91	38.35	39.40	29.68	68.20	-38.52	peak
2	1525.000	4.10	26.90	38.39	38.86	31.47	74.00	-42.53	peak
3	4430.628	7.08	34.43	35.77	35.86	41.60	68.20	-26.60	peak
4 p	8738.852	11.47	36.90	37.35	37.53	48.55	68.20	-19.65	peak
5	12290.000	13.23	37.90	37.47	36.83	50.49	74.00	-23.51	peak
6	17844.590	15.06	43.90	37.64	31.48	52.80	74.00	-21.20	peak

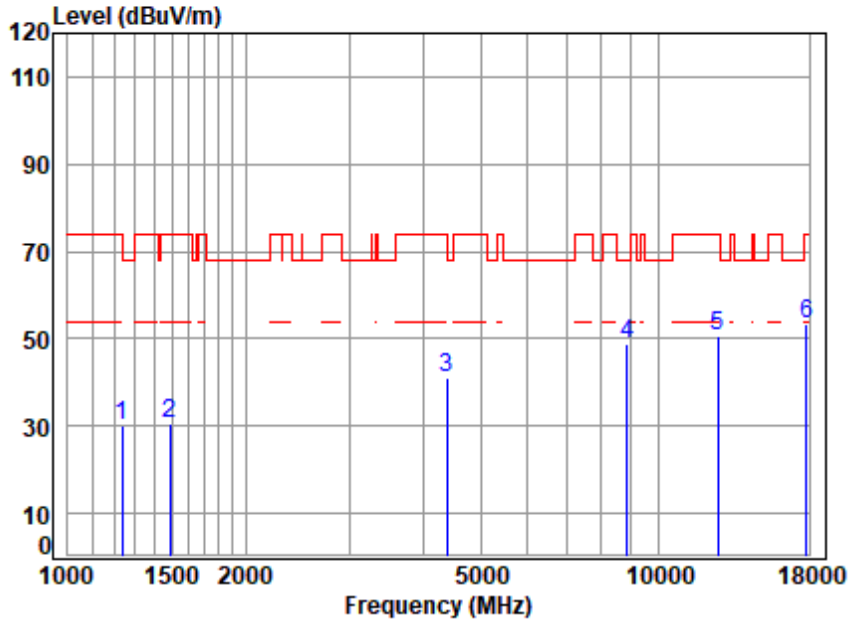
Test Mode: 25; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6305 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.247	3.62	24.74	38.34	39.36	29.38	74.00	-44.62	peak
2	1565.191	4.15	26.94	38.40	37.80	30.49	74.00	-43.51	peak
3	4341.886	7.02	34.34	35.84	36.05	41.57	74.00	-32.43	peak
4 p	8638.399	11.29	36.90	37.24	37.71	48.66	68.20	-19.54	peak
5	12610.000	13.37	37.92	37.38	36.57	50.48	74.00	-23.52	peak
6	17844.590	15.06	43.90	37.64	31.55	52.87	74.00	-21.13	peak

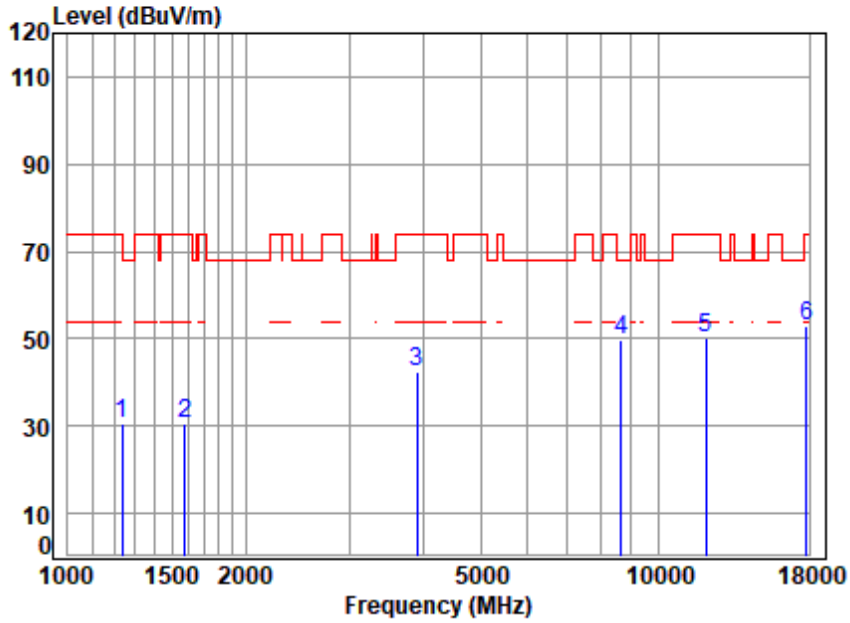
Test Mode: 25; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6305 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.91	30.15	74.00	-43.85	peak
2	1490.142	4.05	26.52	38.39	38.50	30.68	74.00	-43.32	peak
3	4379.699	7.04	34.64	35.81	35.16	41.03	74.00	-32.97	peak
4	p 8866.062	11.69	37.20	37.48	37.48	48.89	68.20	-19.31	peak
5	12610.000	13.37	37.92	37.38	36.76	50.67	74.00	-23.33	peak
6	17844.590	15.06	43.90	37.64	32.27	53.59	74.00	-20.41	peak

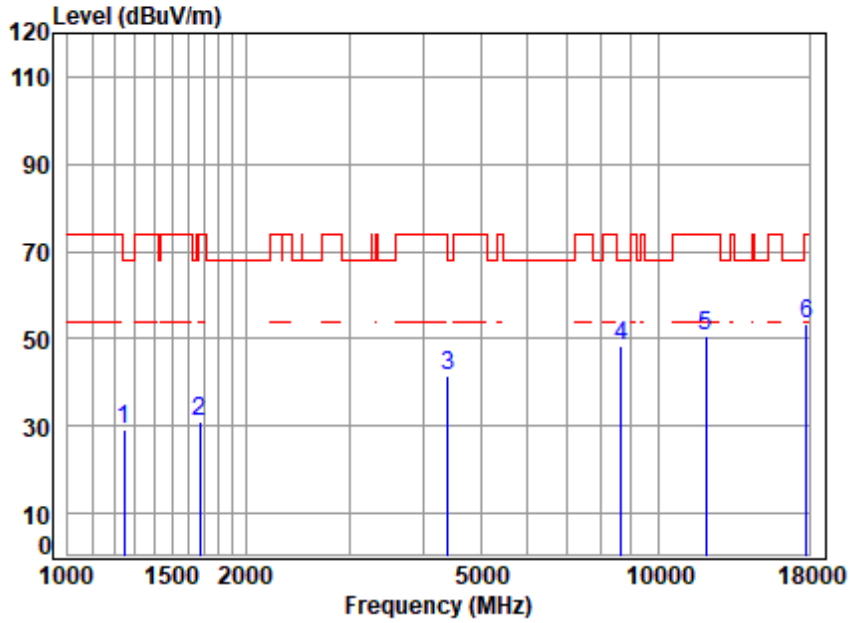
Test Mode: 25; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6025 TX RSE
Note : 6E WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.64	24.89	38.35	40.26	30.44	74.00	-43.56	peak
2	1578.822	4.17	26.88	38.40	38.01	30.66	74.00	-43.34	peak
3	3901.516	6.68	33.79	36.10	37.95	42.32	74.00	-31.68	peak
4 p	8663.404	11.33	36.90	37.27	38.93	49.89	68.20	-18.31	peak
5	12050.000	13.11	37.75	37.54	36.77	50.09	74.00	-23.91	peak
6	17793.090	15.03	43.89	37.63	31.48	52.77	74.00	-21.23	peak

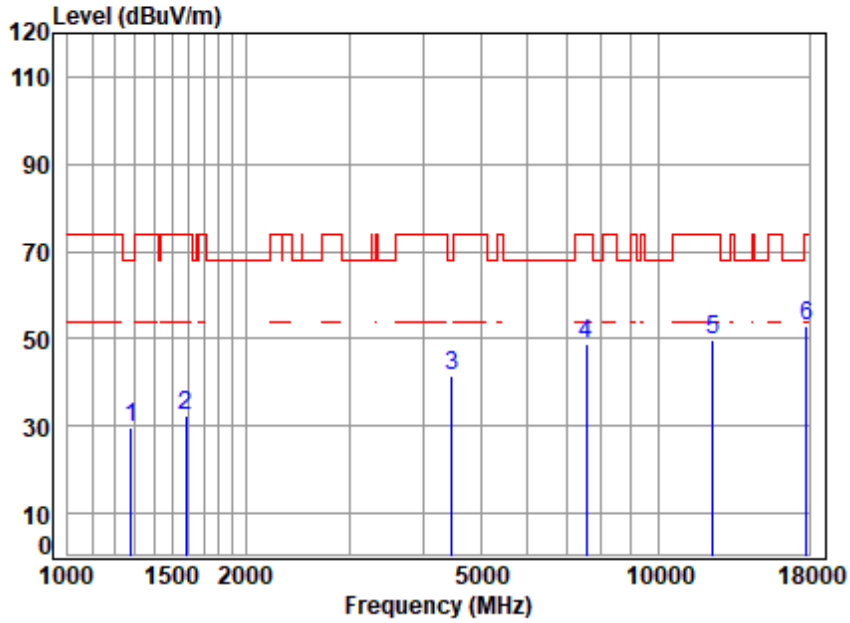
Test Mode: 25; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6025 TX RSE
Note : 6E WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.66	25.04	38.35	39.06	29.41	68.20	-38.79	peak
2	1672.779	4.30	26.25	38.41	38.93	31.07	74.00	-42.93	peak
3	4405.090	7.06	34.74	35.79	35.39	41.40	68.20	-26.80	peak
4 p	8663.404	11.33	36.90	37.27	37.62	48.58	68.20	-19.62	peak
5	12050.000	13.11	37.75	37.54	37.15	50.47	74.00	-23.53	peak
6	17844.590	15.06	43.90	37.64	32.01	53.33	74.00	-20.67	peak

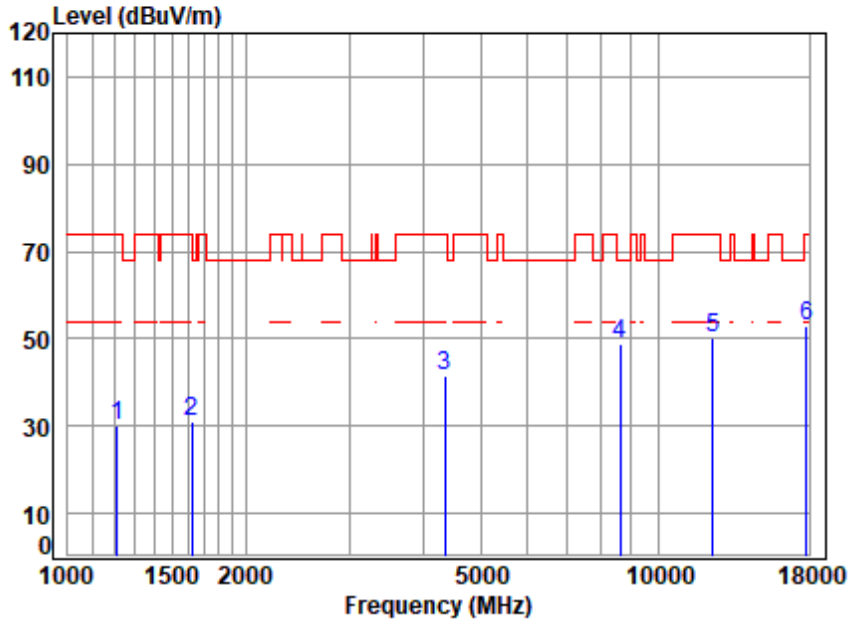
Test Mode: 25; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6185 TX RSE
Note : 6E WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.72	24.91	38.35	39.16	29.44	68.20	-38.76	peak
2	1587.975	4.18	26.85	38.40	39.70	32.33	74.00	-41.67	peak
3	4469.214	7.10	33.97	35.75	36.28	41.60	68.20	-26.60	peak
4	7541.114	9.58	36.10	36.12	39.19	48.75	74.00	-25.25	peak
5	12370.000	13.26	37.90	37.44	36.11	49.83	74.00	-24.17	peak
6	p17844.590	15.06	43.90	37.64	31.41	52.73	74.00	-21.27	peak

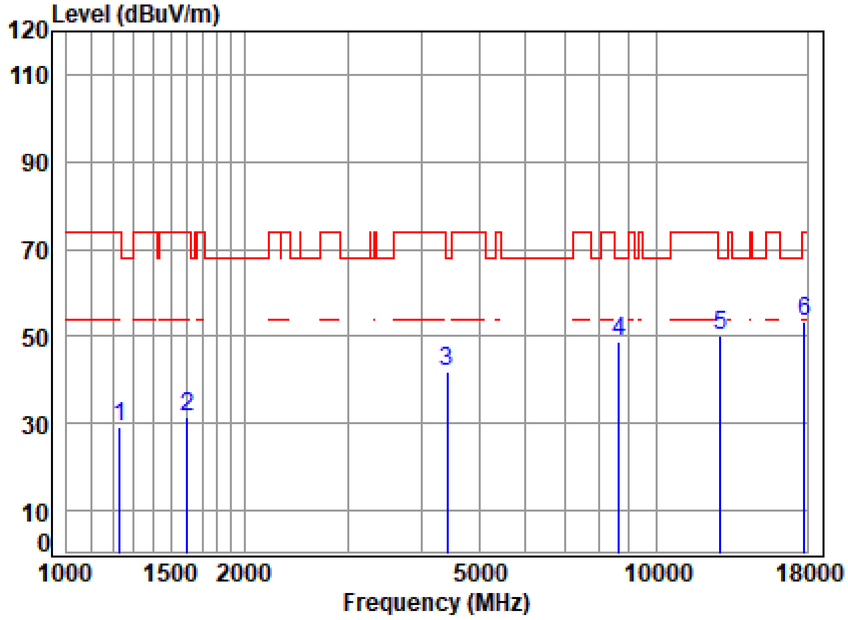
Test Mode: 25; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6185 TX RSE
Note : 6E WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1210.174	3.60	24.54	38.34	40.32	30.12	74.00	-43.88	peak
2	1620.431	4.23	26.60	38.40	38.48	30.91	74.00	-43.09	peak
3	4354.454	7.03	34.44	35.83	35.79	41.43	74.00	-32.57	peak
4 p	8613.468	11.24	36.90	37.22	37.68	48.60	68.20	-19.60	peak
5	12370.000	13.26	37.90	37.44	36.56	50.28	74.00	-23.72	peak
6	17793.090	15.03	43.89	37.63	31.50	52.79	74.00	-21.21	peak

Test Mode: 26; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

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Site      : chamber
Condition: 3m HORIZONTAL
Job No    : 00952AT/00953AT
Mode      : 6435 TX RSE
Note      : 6E WIFI 11A
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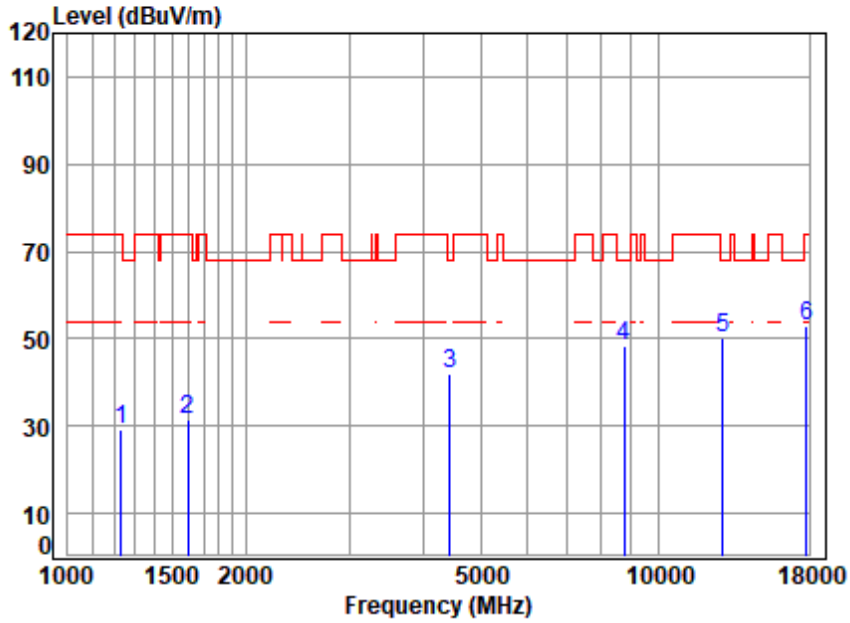
	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.64	24.84	38.35	39.11	29.24	74.00	-44.76	peak
2	1606.441	4.21	26.74	38.40	39.03	31.58	74.00	-42.42	peak
3	4417.841	7.07	34.59	35.78	36.03	41.91	68.20	-26.29	peak
4	8638.399	11.29	36.90	37.24	37.95	48.90	68.20	-19.30	peak
5	p12870.000	13.49	38.17	37.31	35.77	50.12	68.20	-18.08	peak
6	17793.090	15.03	43.89	37.63	31.97	53.26	74.00	-20.74	peak

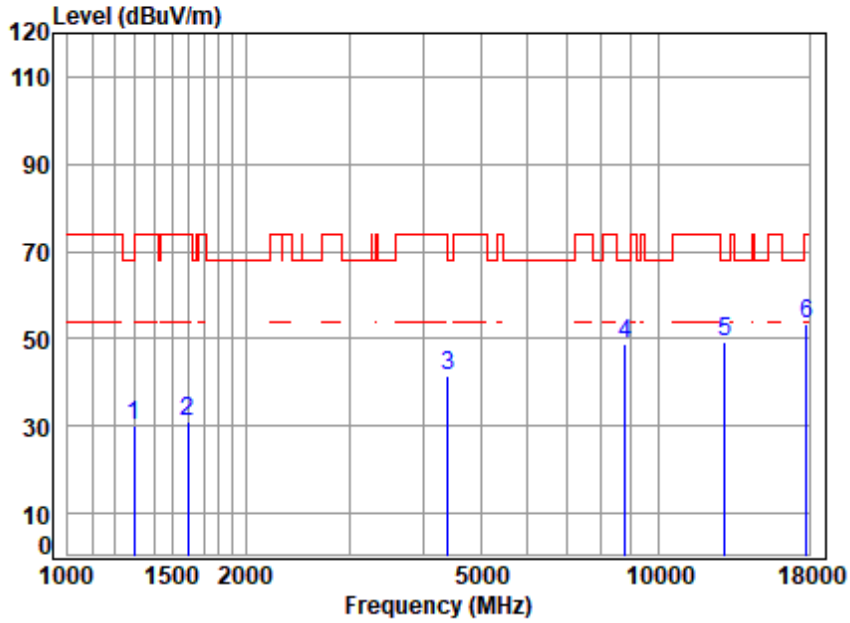
Test Mode: 26; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6435 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1231.345	3.64	24.84	38.35	39.20	29.33	74.00	-44.67	peak
2	1597.181	4.20	26.81	38.40	39.03	31.64	74.00	-42.36	peak
3	4430.628	7.08	34.43	35.77	36.45	42.19	68.20	-26.01	peak
4	8738.852	11.47	36.90	37.35	37.14	48.16	68.20	-20.04	peak
5	p12870.000	13.49	38.17	37.31	35.87	50.22	68.20	-17.98	peak
6	17793.090	15.03	43.89	37.63	31.66	52.95	74.00	-21.05	peak

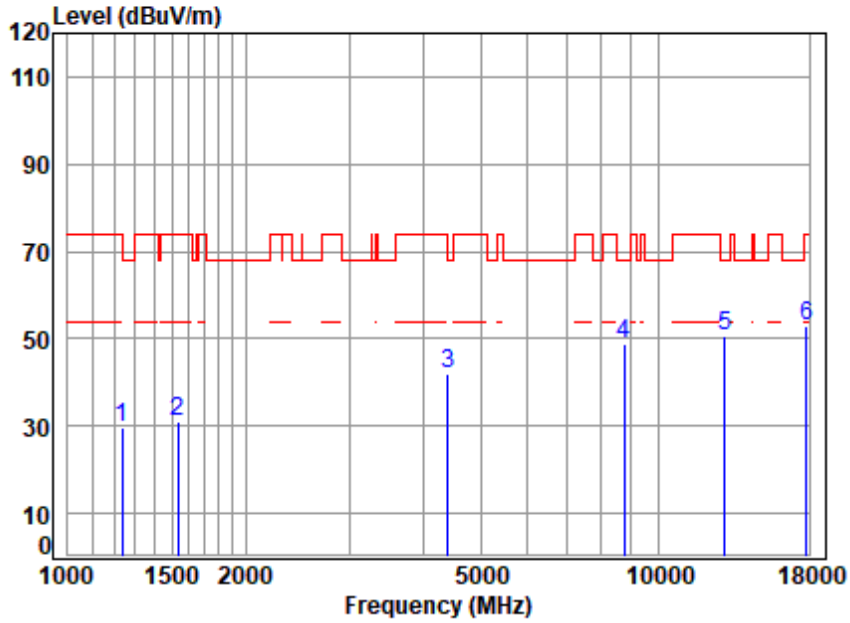
Test Mode: 26; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6475 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	3.75	24.82	38.36	39.94	30.15	68.20	-38.05	peak
2	1597.181	4.20	26.81	38.40	38.37	30.98	74.00	-43.02	peak
3	4405.090	7.06	34.74	35.79	35.67	41.68	68.20	-26.52	peak
4	8789.516	11.55	37.06	37.40	37.55	48.76	68.20	-19.44	peak
5	p12950.000	13.53	38.15	37.28	35.09	49.49	68.20	-18.71	peak
6	17793.090	15.03	43.89	37.63	32.13	53.42	74.00	-20.58	peak

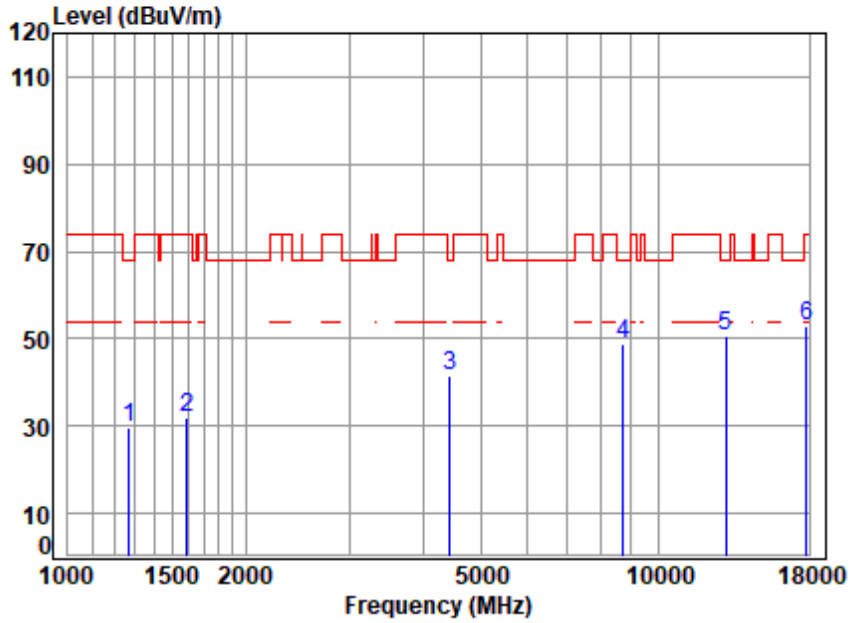
Test Mode: 26; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6475 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.64	24.89	38.35	39.38	29.56	74.00	-44.44	peak
2	1538.281	4.12	26.95	38.39	38.22	30.90	74.00	-43.10	peak
3	4405.090	7.06	34.74	35.79	35.98	41.99	68.20	-26.21	peak
4	8764.146	11.51	36.96	37.37	37.62	48.72	68.20	-19.48	peak
5	p12950.000	13.53	38.15	37.28	36.06	50.46	68.20	-17.74	peak
6	17844.590	15.06	43.90	37.64	31.53	52.85	74.00	-21.15	peak

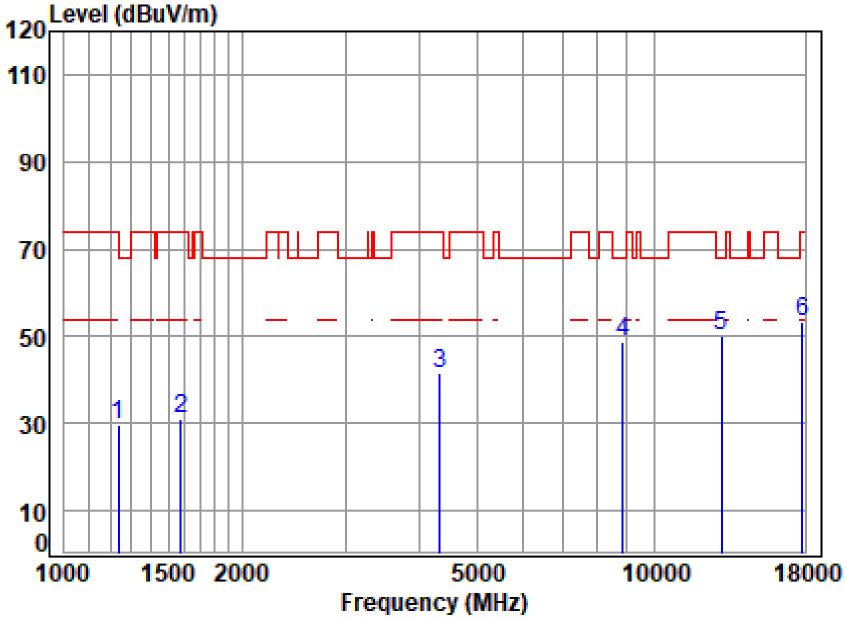
Test Mode: 26; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6495 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1271.123	3.71	24.97	38.35	39.49	29.82	68.20	-38.38	peak
2	1592.571	4.19	26.83	38.40	39.15	31.77	74.00	-42.23	peak
3	4430.628	7.08	34.43	35.77	35.68	41.42	68.20	-26.78	peak
4	8713.630	11.42	36.90	37.32	37.60	48.60	68.20	-19.60	peak
5	p12990.000	13.55	38.11	37.27	36.45	50.84	68.20	-17.36	peak
6	17793.090	15.03	43.89	37.63	31.62	52.91	74.00	-21.09	peak

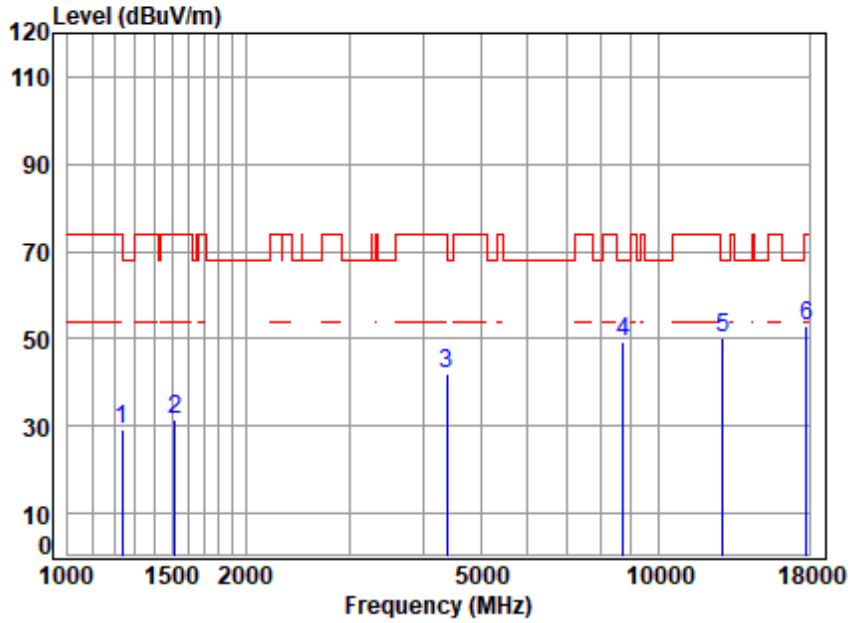
Test Mode: 26; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6495 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.23	29.47	74.00	-44.53	peak
2	1578.822	4.17	26.88	38.40	38.29	30.94	74.00	-43.06	peak
3	4341.886	7.02	34.34	35.84	36.20	41.72	74.00	-32.28	peak
4	8866.062	11.69	37.20	37.48	37.39	48.80	68.20	-19.40	peak
5	p12990.000	13.55	38.11	37.27	35.94	50.33	68.20	-17.87	peak
6	17793.090	15.03	43.89	37.63	32.17	53.46	74.00	-20.54	peak

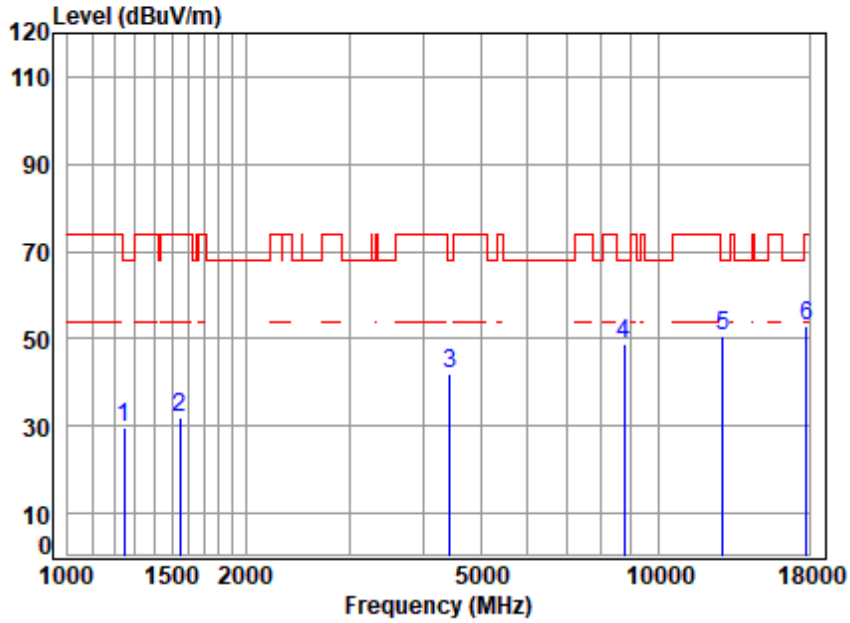
Test Mode: 26; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6435 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	38.93	29.17	74.00	-44.83	peak
2	1520.598	4.09	26.88	38.39	38.82	31.40	74.00	-42.60	peak
3	4379.699	7.04	34.64	35.81	35.96	41.83	74.00	-32.17	peak
4	8713.630	11.42	36.90	37.32	38.10	49.10	68.20	-19.10	peak
5	p12870.000	13.49	38.17	37.31	35.85	50.20	68.20	-18.00	peak
6	17793.090	15.03	43.89	37.63	31.85	53.14	74.00	-20.86	peak

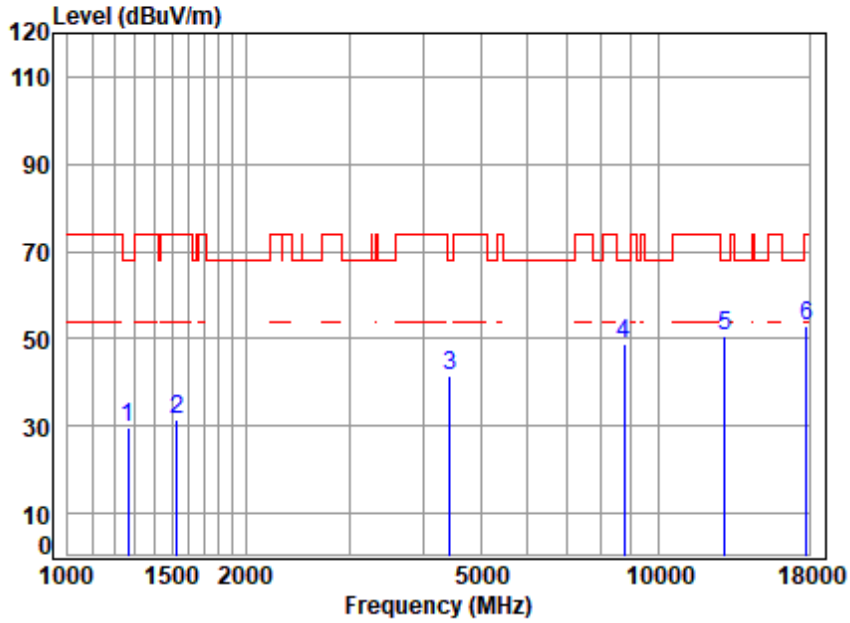
Test Mode: 26; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6435 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.66	25.04	38.35	39.34	29.69	68.20	-38.51	peak
2	1547.199	4.13	26.99	38.39	39.26	31.99	74.00	-42.01	peak
3	4443.453	7.09	34.28	35.77	36.32	41.92	68.20	-26.28	peak
4	8764.146	11.51	36.96	37.37	37.62	48.72	68.20	-19.48	peak
5	p12870.000	13.49	38.17	37.31	36.23	50.58	68.20	-17.62	peak
6	17793.090	15.03	43.89	37.63	31.62	52.91	74.00	-21.09	peak

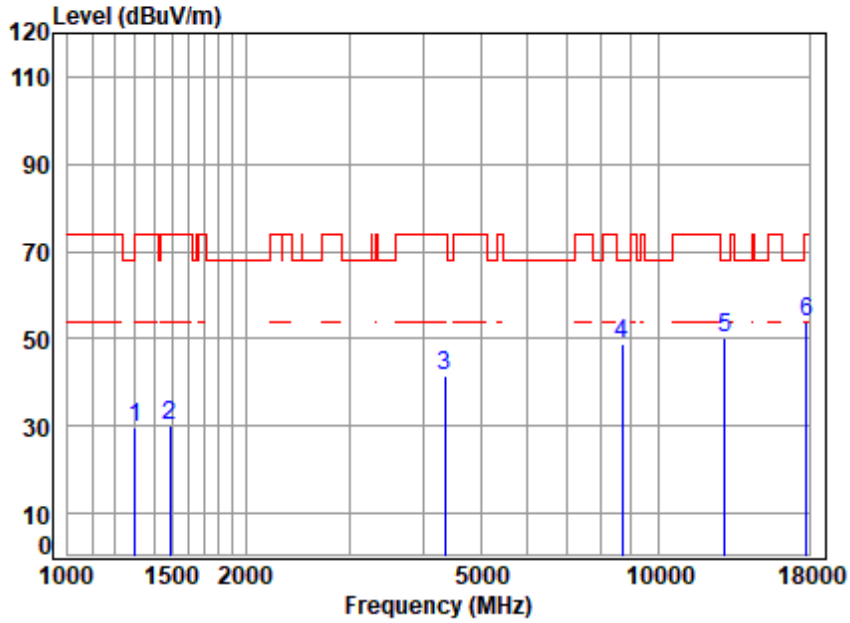
Test Mode: 26; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6475 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1267.454	3.70	25.00	38.35	39.19	29.54	68.20	-38.66	peak
2	1529.414	4.10	26.92	38.39	38.65	31.28	74.00	-42.72	peak
3	4443.453	7.09	34.28	35.77	35.70	41.30	68.20	-26.90	peak
4	8738.852	11.47	36.90	37.35	37.75	48.77	68.20	-19.43	peak
5	p12950.000	13.53	38.15	37.28	36.13	50.53	68.20	-17.67	peak
6	17844.590	15.06	43.90	37.64	31.61	52.93	74.00	-21.07	peak

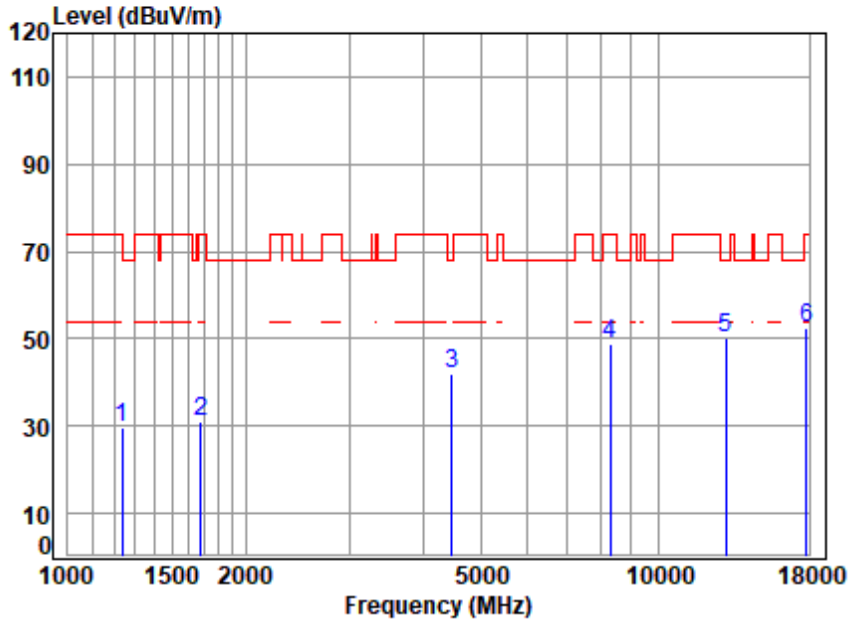
Test Mode: 26; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6475 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	3.76	24.79	38.36	39.25	29.44	74.00	-44.56	peak
2	1490.142	4.05	26.52	38.39	38.01	30.19	74.00	-43.81	peak
3	4354.454	7.03	34.44	35.83	36.03	41.67	74.00	-32.33	peak
4	8688.480	11.38	36.90	37.30	38.00	48.98	68.20	-19.22	peak
5	p12950.000	13.53	38.15	37.28	36.00	50.40	68.20	-17.80	peak
6	17793.090	15.03	43.89	37.63	32.34	53.63	74.00	-20.37	peak

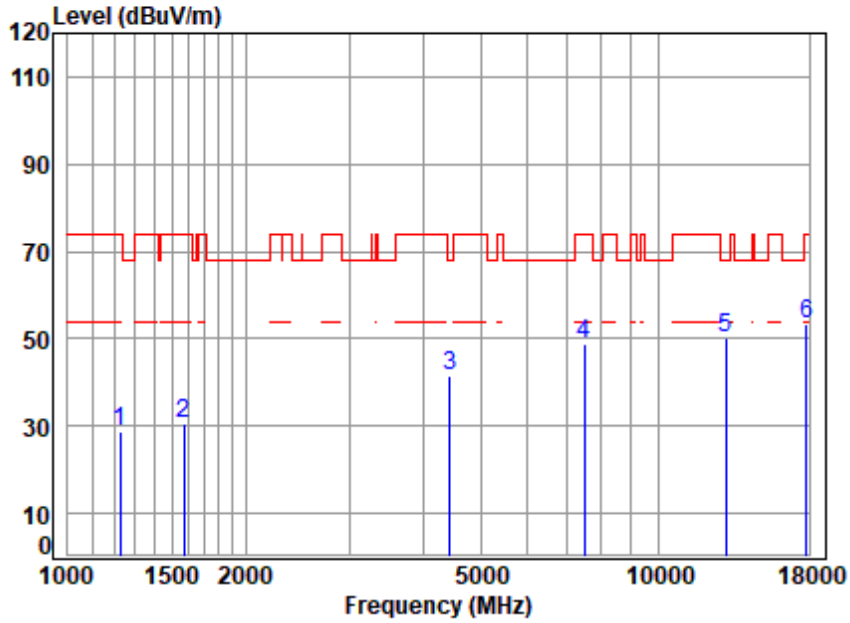
Test Mode: 26; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6495 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.39	29.63	74.00	-44.37	peak
2	1677.621	4.30	26.24	38.41	38.83	30.96	74.00	-43.04	peak
3	4469.214	7.10	33.97	35.75	36.67	41.99	68.20	-26.21	peak
4	8295.823	10.66	36.70	36.88	38.24	48.72	74.00	-25.28	peak
5	p12990.000	13.55	38.11	37.27	35.82	50.21	68.20	-17.99	peak
6	17844.590	15.06	43.90	37.64	31.32	52.64	74.00	-21.36	peak

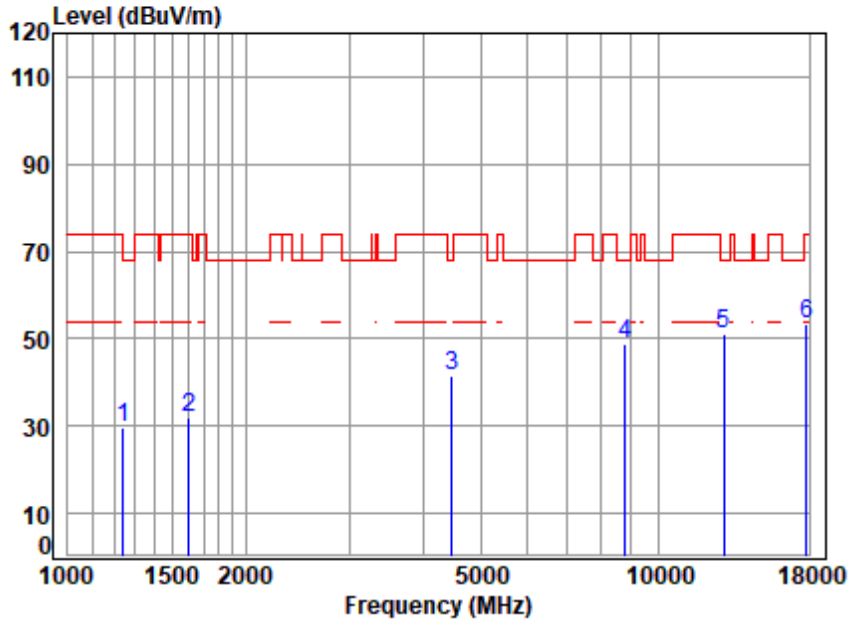
Test Mode: 26; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6495 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.63	24.79	38.34	38.72	28.80	74.00	-45.20	peak
2	1574.265	4.17	26.90	38.40	38.09	30.76	74.00	-43.24	peak
3	4430.628	7.08	34.43	35.77	35.64	41.38	68.20	-26.82	peak
4	7497.646	9.53	36.10	36.08	39.19	48.74	74.00	-25.26	peak
5	p12990.000	13.55	38.11	37.27	35.60	49.99	68.20	-18.21	peak
6	17793.090	15.03	43.89	37.63	32.18	53.47	74.00	-20.53	peak

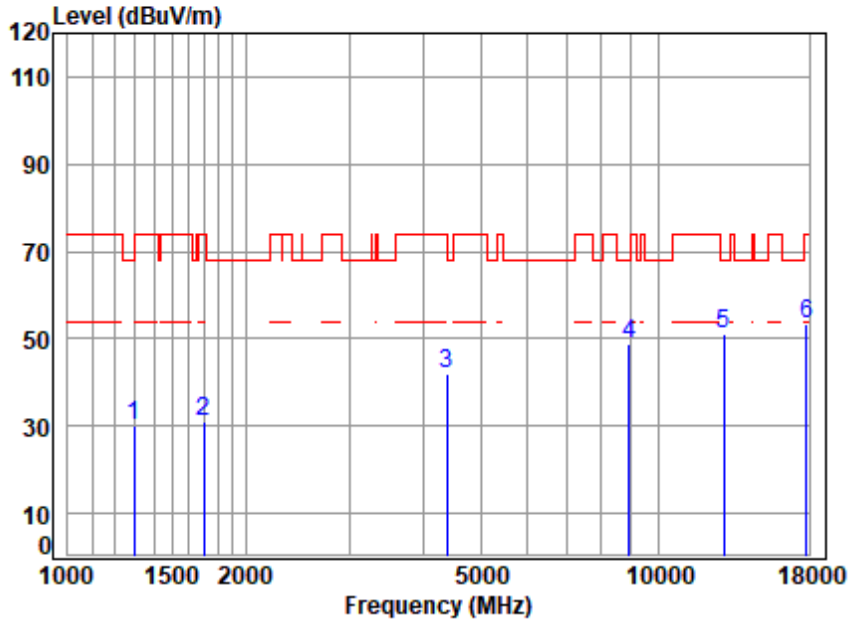
Test Mode: 26; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6445 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1242.068	3.66	24.99	38.35	39.42	29.72	68.20	-38.48	peak
2	1601.804	4.20	26.78	38.40	39.16	31.74	74.00	-42.26	peak
3	4469.214	7.10	33.97	35.75	36.25	41.57	68.20	-26.63	peak
4	8789.516	11.55	37.06	37.40	37.74	48.95	68.20	-19.25	peak
5	p12890.000	13.50	38.19	37.30	36.69	51.08	68.20	-17.12	peak
6	17793.090	15.03	43.89	37.63	32.09	53.38	74.00	-20.62	peak

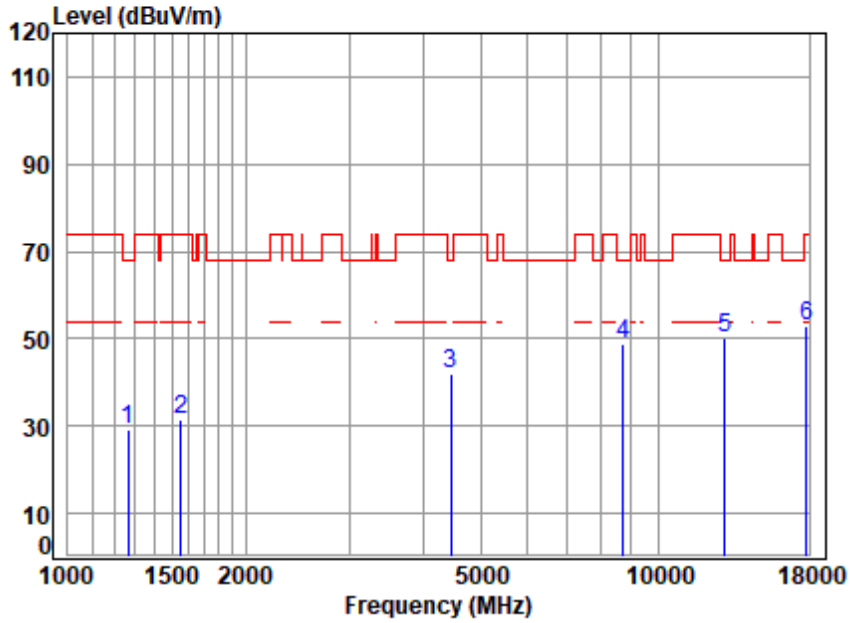
Test Mode: 26; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6445 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	3.75	24.82	38.36	39.76	29.97	68.20	-38.23	peak
2	1697.129	4.33	26.21	38.41	38.97	31.10	74.00	-42.90	peak
3	4392.376	7.05	34.74	35.80	36.09	42.08	74.00	-31.92	peak
4	8917.462	11.78	37.13	37.53	37.23	48.61	68.20	-19.59	peak
5	p12890.000	13.50	38.19	37.30	36.76	51.15	68.20	-17.05	peak
6	17844.590	15.06	43.90	37.64	32.00	53.32	74.00	-20.68	peak

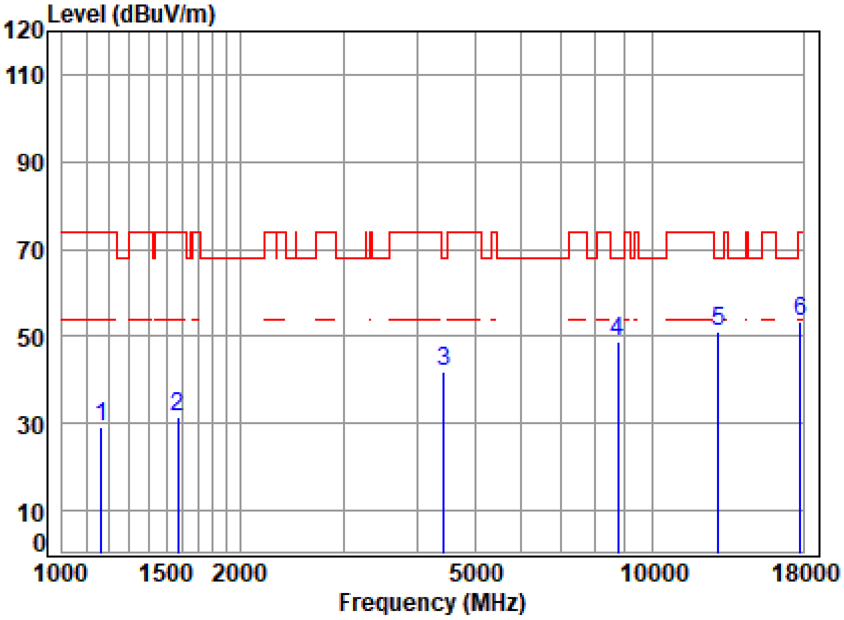
Test Mode: 26; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6485 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.796	3.69	25.02	38.35	39.04	29.40	68.20	-38.80	peak
2	1556.169	4.14	26.98	38.40	38.54	31.26	74.00	-42.74	peak
3	4456.315	7.09	34.12	35.76	36.74	42.19	68.20	-26.01	peak
4	8713.630	11.42	36.90	37.32	37.84	48.84	68.20	-19.36	peak
5	p12970.000	13.54	38.13	37.28	35.99	50.38	68.20	-17.82	peak
6	17793.090	15.03	43.89	37.63	31.51	52.80	74.00	-21.20	peak

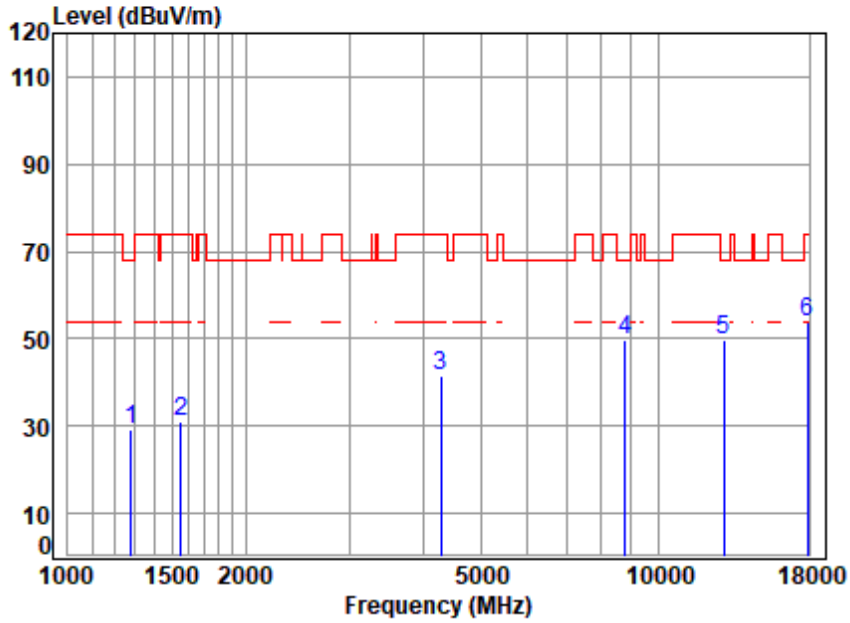
Test Mode: 26; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6485 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1165.546	3.52	24.06	38.33	40.10	29.35	74.00	-44.65	peak
2	1574.265	4.17	26.90	38.40	39.00	31.67	74.00	-42.33	peak
3	4443.453	7.09	34.28	35.77	36.60	42.20	68.20	-26.00	peak
4	8738.852	11.47	36.90	37.35	38.02	49.04	68.20	-19.16	peak
5	p12970.000	13.54	38.13	37.28	36.50	50.89	68.20	-17.31	peak
6	17793.090	15.03	43.89	37.63	31.91	53.20	74.00	-20.80	peak

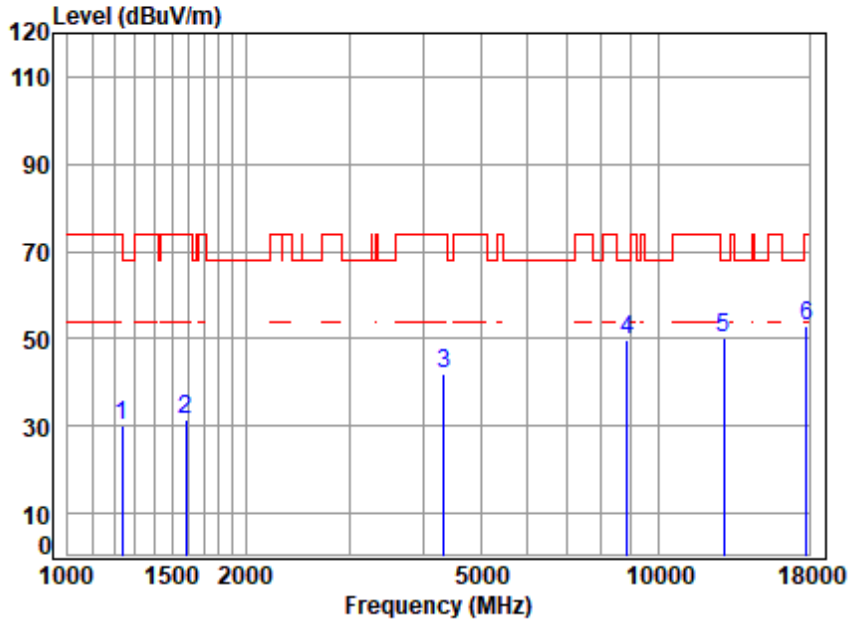
Test Mode: 26; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6465 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.72	24.91	38.35	39.05	29.33	68.20	-38.87	peak
2	1551.677	4.13	26.99	38.40	38.24	30.96	74.00	-43.04	peak
3	4279.589	6.98	33.92	35.89	36.66	41.67	74.00	-32.33	peak
4 p	8789.516	11.55	37.06	37.40	38.61	49.82	68.20	-18.38	peak
5	12930.000	13.52	38.17	37.29	35.24	49.64	68.20	-18.56	peak
6	17896.250	15.09	43.90	37.64	32.27	53.62	74.00	-20.38	peak

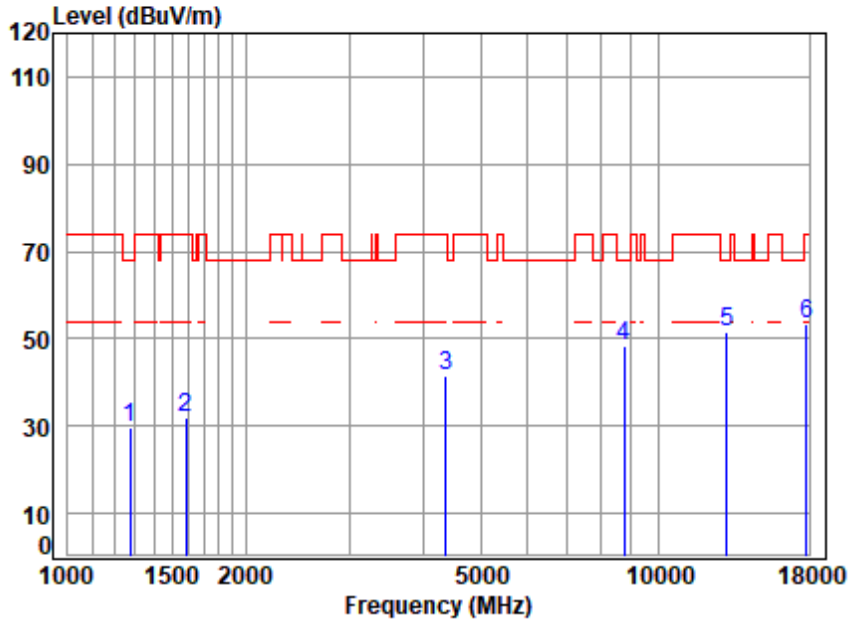
Test Mode: 26; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6465 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.64	24.89	38.35	39.90	30.08	74.00	-43.92	peak
2	1587.975	4.18	26.85	38.40	39.04	31.67	74.00	-42.33	peak
3	4329.354	7.01	34.23	35.85	36.67	42.06	74.00	-31.94	peak
4	8840.473	11.64	37.18	37.45	38.28	49.65	68.20	-18.55	peak
5	p12930.000	13.52	38.17	37.29	35.57	49.97	68.20	-18.23	peak
6	17793.090	15.03	43.89	37.63	31.74	53.03	74.00	-20.97	peak

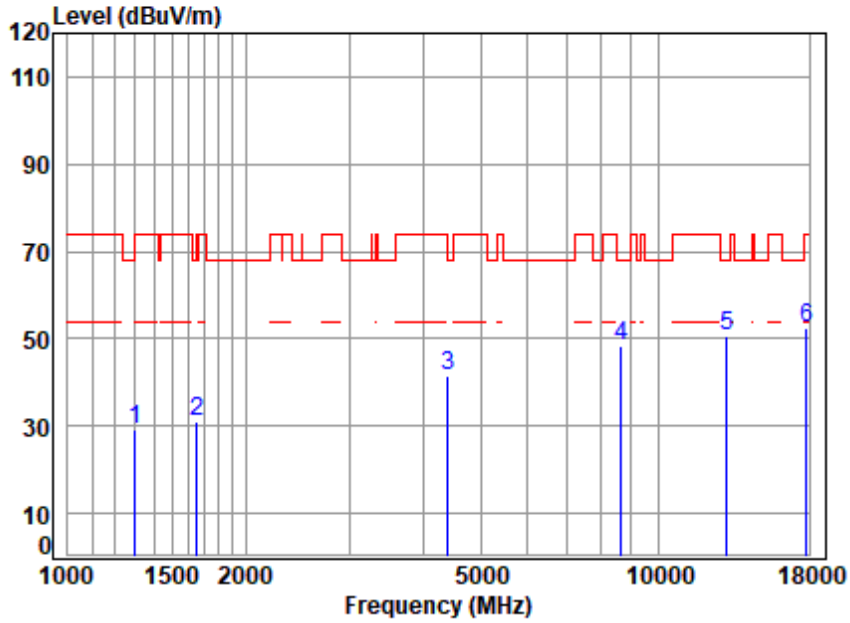
Test Mode: 27; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6535 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.71	24.95	38.35	39.39	29.70	68.20	-38.50	peak
2	1587.975	4.18	26.85	38.40	39.19	31.82	74.00	-42.18	peak
3	4367.058	7.04	34.54	35.82	35.93	41.69	74.00	-32.31	peak
4	8764.146	11.51	36.96	37.37	37.36	48.46	68.20	-19.74	peak
5	p13070.000	13.57	38.31	37.27	36.85	51.46	68.20	-16.74	peak
6	17793.090	15.03	43.89	37.63	32.00	53.29	74.00	-20.71	peak

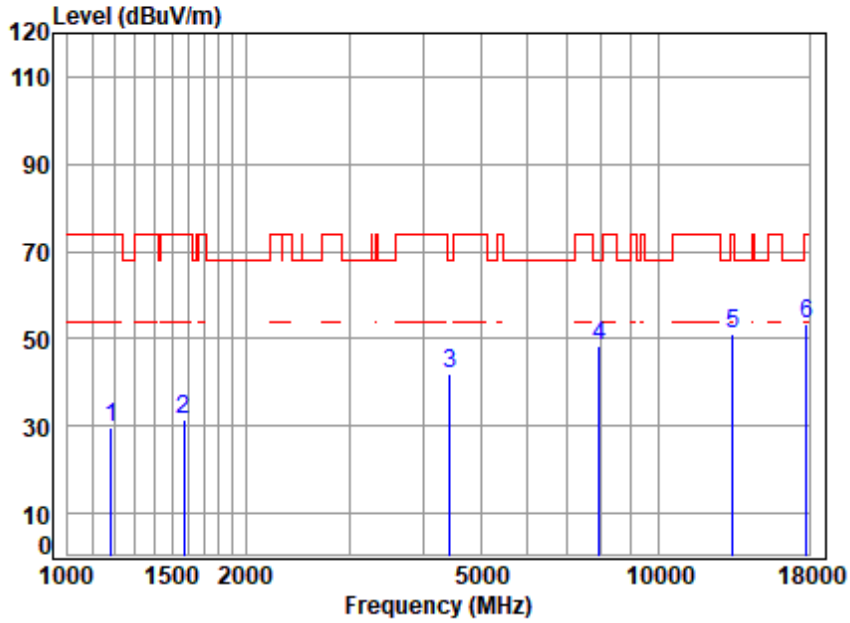
Test Mode: 27; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6535 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	3.76	24.79	38.36	39.15	29.34	74.00	-44.66	peak
2	1653.550	4.27	26.29	38.41	39.10	31.25	68.20	-36.95	peak
3	4405.090	7.06	34.74	35.79	35.44	41.45	68.20	-26.75	peak
4	8638.399	11.29	36.90	37.24	37.55	48.50	68.20	-19.70	peak
5	p13070.000	13.57	38.31	37.27	36.00	50.61	68.20	-17.59	peak
6	17793.090	15.03	43.89	37.63	31.38	52.67	74.00	-21.33	peak

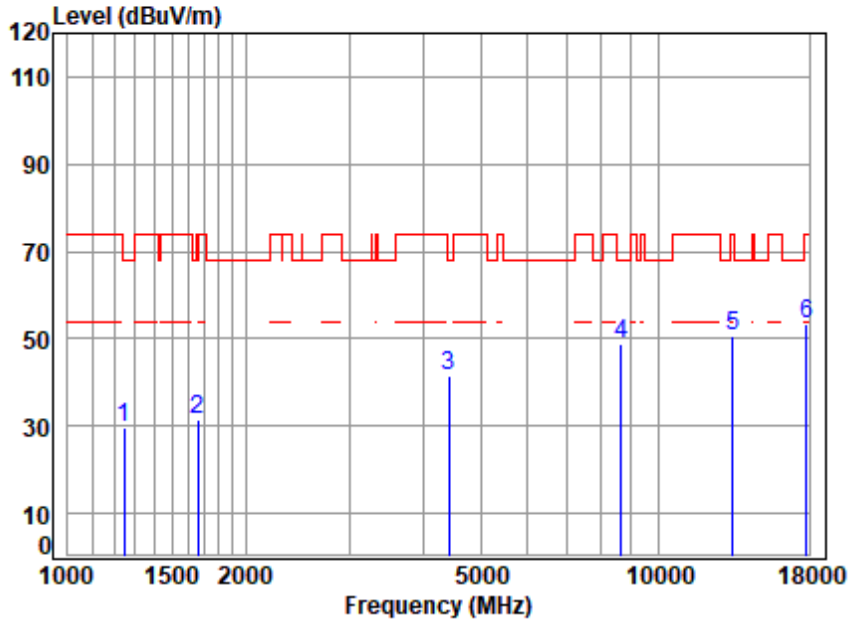
Test Mode: 27; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6695 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1182.513	3.55	24.23	38.34	40.33	29.77	74.00	-44.23	peak
2	1574.265	4.17	26.90	38.40	38.88	31.55	74.00	-42.45	peak
3	4430.628	7.08	34.43	35.77	36.03	41.77	68.20	-26.43	peak
4 p	7943.838	10.04	36.41	36.51	38.29	48.23	68.20	-19.97	peak
5	13390.000	13.65	38.78	37.25	36.13	51.31	74.00	-22.69	peak
6	17793.090	15.03	43.89	37.63	31.87	53.16	74.00	-20.84	peak

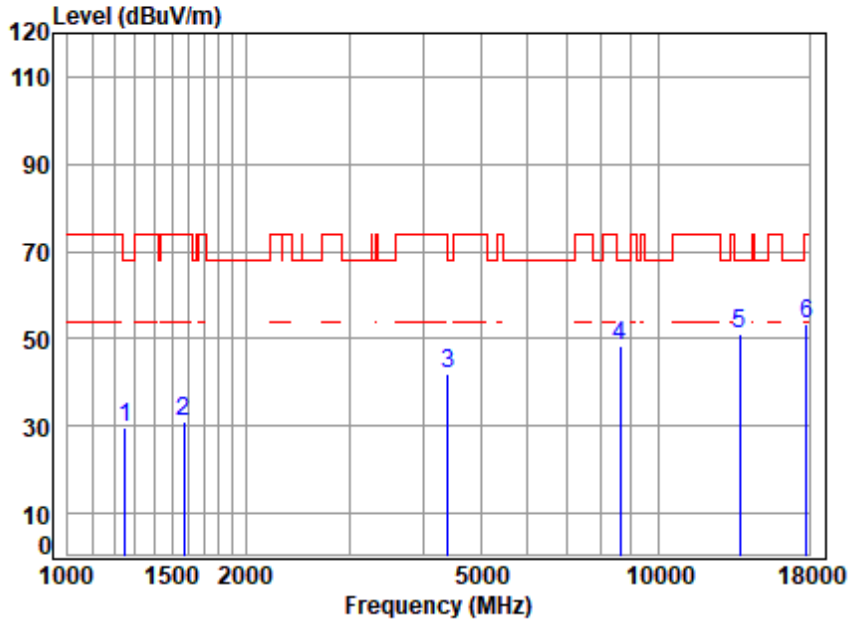
Test Mode: 27; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6695 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.66	25.04	38.35	39.34	29.69	68.20	-38.51	peak
2	1658.337	4.28	26.28	38.41	39.13	31.28	68.20	-36.92	peak
3	4417.841	7.07	34.59	35.78	35.61	41.49	68.20	-26.71	peak
4 p	8663.404	11.33	36.90	37.27	37.94	48.90	68.20	-19.30	peak
5	13390.000	13.65	38.78	37.25	35.45	50.63	74.00	-23.37	peak
6	17844.590	15.06	43.90	37.64	32.05	53.37	74.00	-20.63	peak

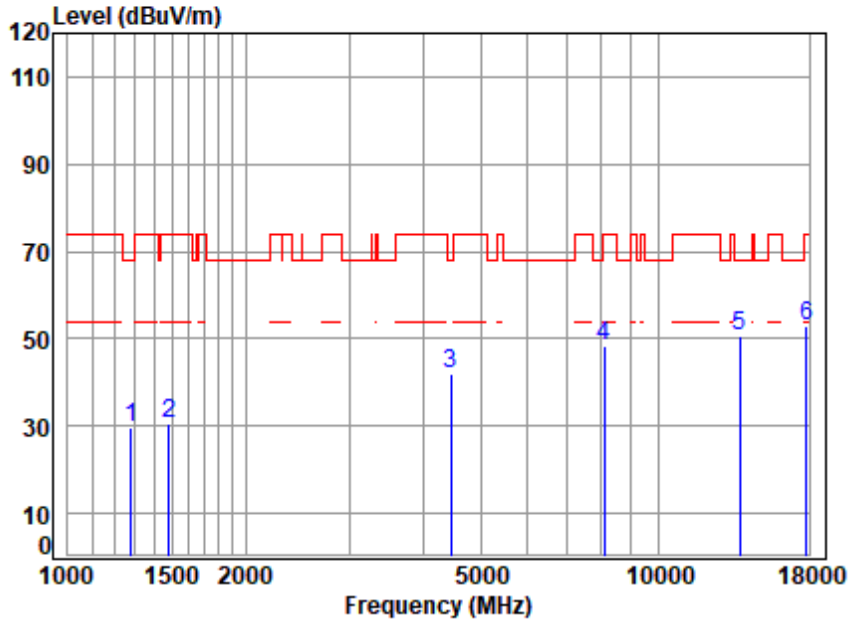
Test Mode: 27; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6855 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	3.67	25.09	38.35	39.36	29.77	68.20	-38.43	peak
2	1574.265	4.17	26.90	38.40	38.50	31.17	74.00	-42.83	peak
3	4405.090	7.06	34.74	35.79	35.82	41.83	68.20	-26.37	peak
4	8613.468	11.24	36.90	37.22	37.46	48.38	68.20	-19.82	peak
5	p13710.000	13.72	39.12	37.23	35.71	51.32	68.20	-16.88	peak
6	17793.090	15.03	43.89	37.63	32.19	53.48	74.00	-20.52	peak

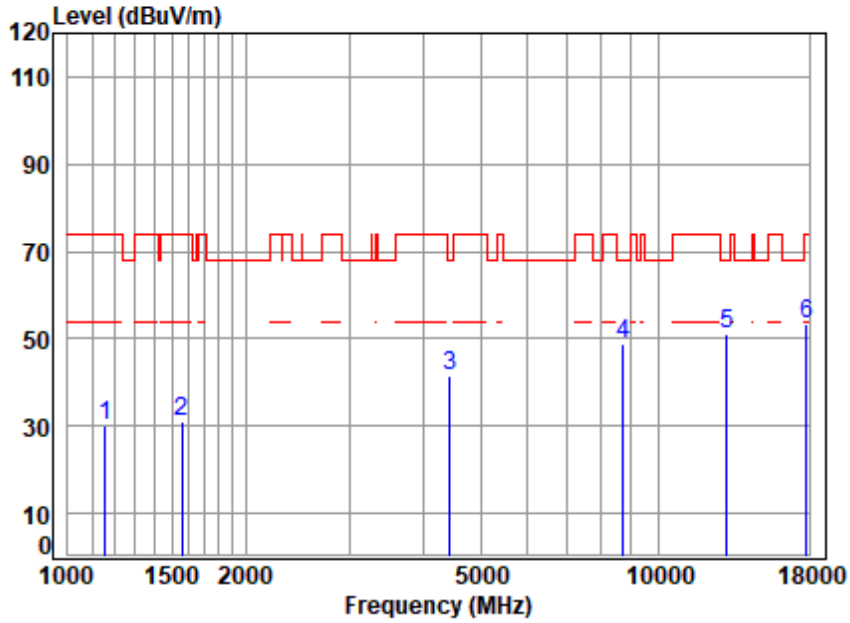
Test Mode: 27; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6855 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.72	24.91	38.35	39.39	29.67	68.20	-38.53	peak
2	1485.841	4.04	26.40	38.39	38.61	30.66	74.00	-43.34	peak
3	4456.315	7.09	34.12	35.76	36.43	41.88	68.20	-26.32	peak
4	8106.200	10.30	36.50	36.68	38.42	48.54	74.00	-25.46	peak
5	p13710.000	13.72	39.12	37.23	35.08	50.69	68.20	-17.51	peak
6	17844.590	15.06	43.90	37.64	31.71	53.03	74.00	-20.97	peak

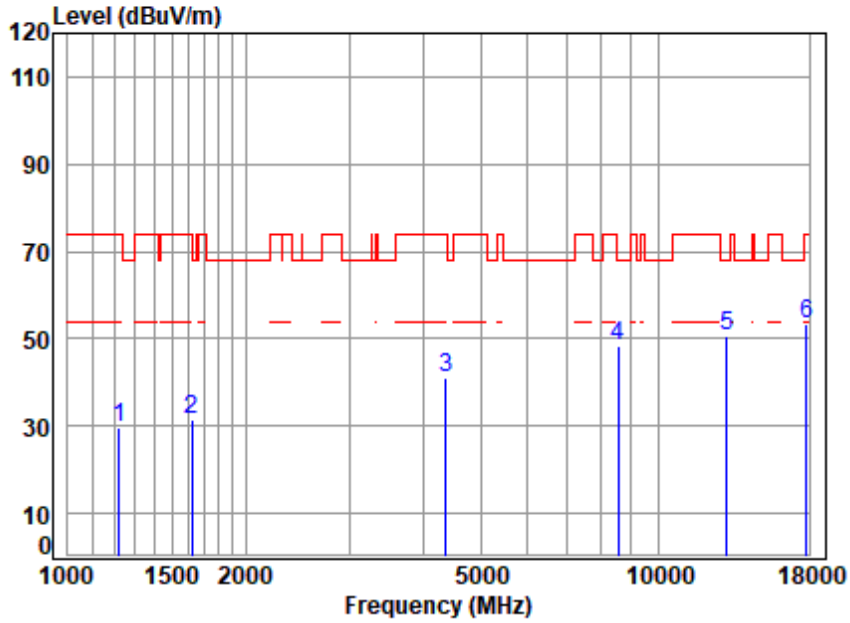
Test Mode: 27; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6535 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1155.483	3.50	23.95	38.33	40.77	29.89	74.00	-44.11	peak
2	1560.673	4.15	26.96	38.40	38.48	31.19	74.00	-42.81	peak
3	4430.628	7.08	34.43	35.77	35.69	41.43	68.20	-26.77	peak
4	8713.630	11.42	36.90	37.32	38.01	49.01	68.20	-19.19	peak
5	p13070.000	13.57	38.31	37.27	36.47	51.08	68.20	-17.12	peak
6	17844.590	15.06	43.90	37.64	31.92	53.24	74.00	-20.76	peak

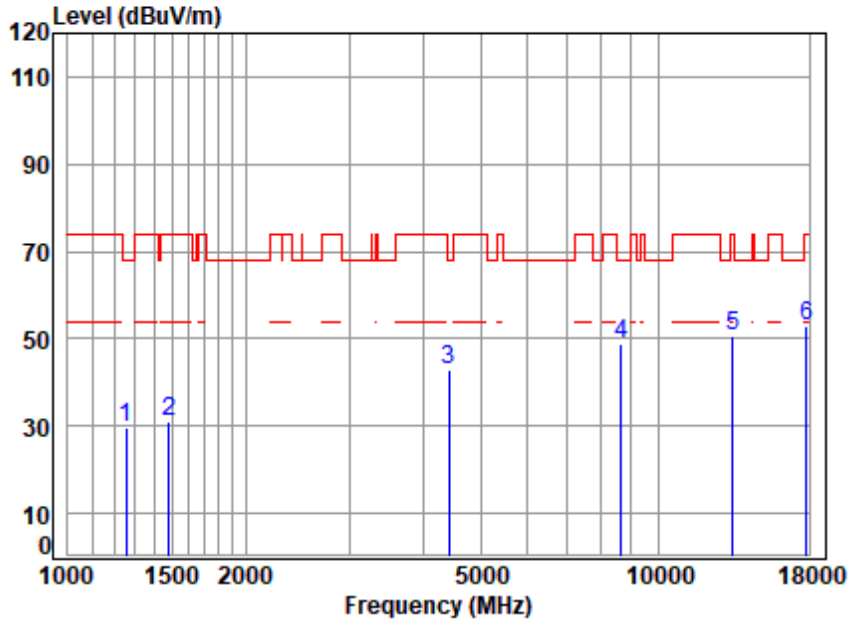
Test Mode: 27; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6535 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1224.247	3.62	24.74	38.34	39.76	29.78	74.00	-44.22	peak
2	1625.121	4.23	26.55	38.41	39.17	31.54	74.00	-42.46	peak
3	4367.058	7.04	34.54	35.82	35.49	41.25	74.00	-32.75	peak
4	8539.102	11.11	36.78	37.14	37.60	48.35	68.20	-19.85	peak
5	p13070.000	13.57	38.31	37.27	36.24	50.85	68.20	-17.35	peak
6	17844.590	15.06	43.90	37.64	32.17	53.49	74.00	-20.51	peak

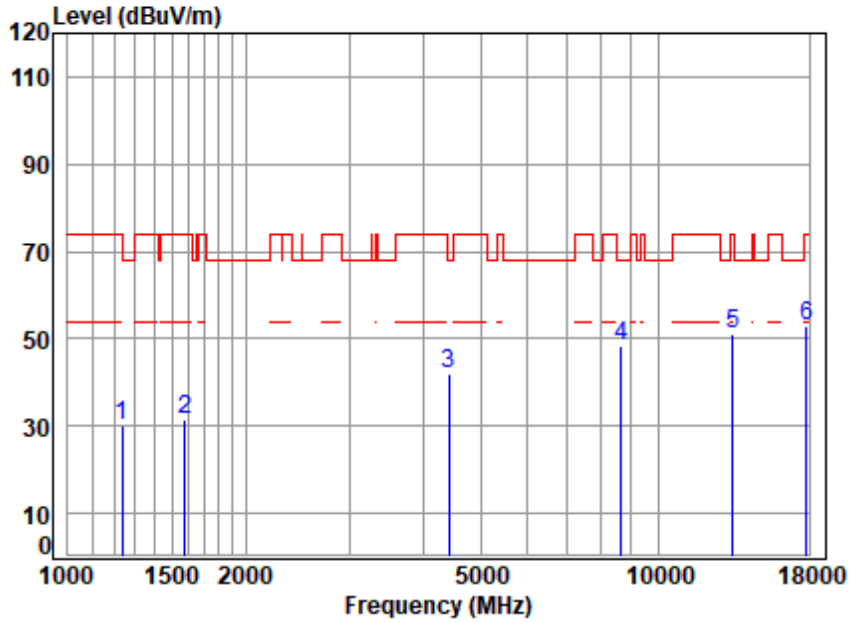
Test Mode: 27; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6695 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	39.05	29.44	68.20	-38.76	peak
2	1485.841	4.04	26.40	38.39	39.11	31.16	74.00	-42.84	peak
3	4417.841	7.07	34.59	35.78	36.78	42.66	68.20	-25.54	peak
4 p	8638.399	11.29	36.90	37.24	38.06	49.01	68.20	-19.19	peak
5	13390.000	13.65	38.78	37.25	35.69	50.87	74.00	-23.13	peak
6	17793.090	15.03	43.89	37.63	31.75	53.04	74.00	-20.96	peak

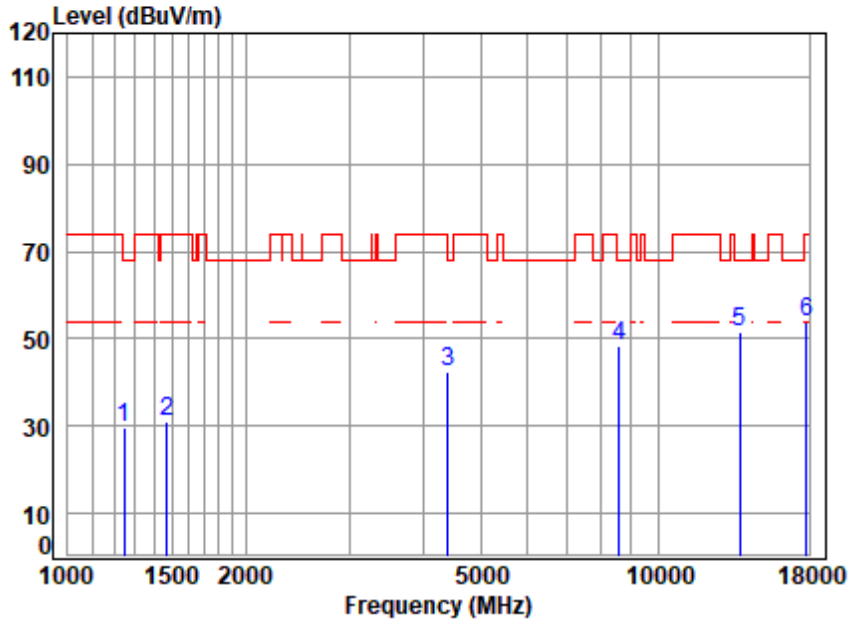
Test Mode: 27; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6695 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.64	24.89	38.35	39.76	29.94	74.00	-44.06	peak
2	1578.822	4.17	26.88	38.40	39.06	31.71	74.00	-42.29	peak
3	4417.841	7.07	34.59	35.78	36.29	42.17	68.20	-26.03	peak
4 p	8638.399	11.29	36.90	37.24	37.62	48.57	68.20	-19.63	peak
5	13390.000	13.65	38.78	37.25	35.83	51.01	74.00	-22.99	peak
6	17793.090	15.03	43.89	37.63	31.71	53.00	74.00	-21.00	peak

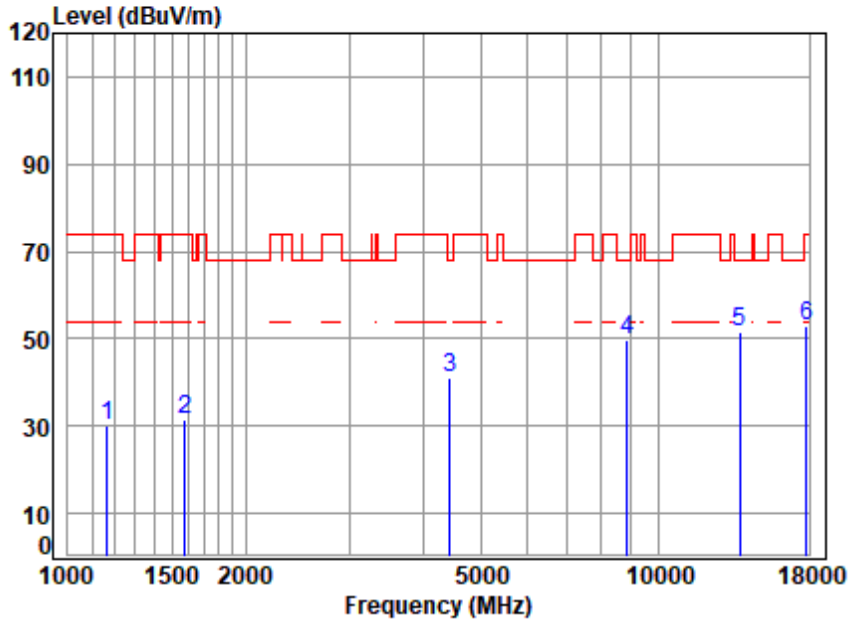
Test Mode: 27; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6855 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.66	25.04	38.35	39.09	29.44	68.20	-38.76	peak
2	1473.013	4.02	26.04	38.38	39.21	30.89	74.00	-43.11	peak
3	4405.090	7.06	34.74	35.79	36.38	42.39	68.20	-25.81	peak
4	8588.607	11.20	36.88	37.19	37.65	48.54	68.20	-19.66	peak
5	p13710.000	13.72	39.12	37.23	36.03	51.64	68.20	-16.56	peak
6	17793.090	15.03	43.89	37.63	32.33	53.62	74.00	-20.38	peak

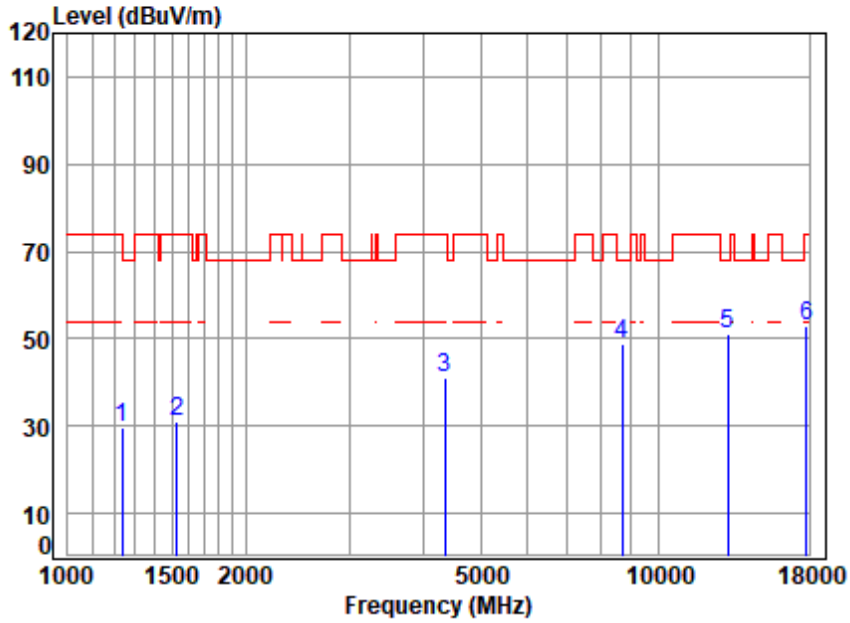
Test Mode: 27; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6855 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1165.546	3.52	24.06	38.33	40.95	30.20	74.00	-43.80	peak
2	1578.822	4.17	26.88	38.40	38.96	31.61	74.00	-42.39	peak
3	4443.453	7.09	34.28	35.77	35.63	41.23	68.20	-26.97	peak
4	8840.473	11.64	37.18	37.45	38.57	49.94	68.20	-18.26	peak
5	p13710.000	13.72	39.12	37.23	35.80	51.41	68.20	-16.79	peak
6	17793.090	15.03	43.89	37.63	31.63	52.92	74.00	-21.08	peak

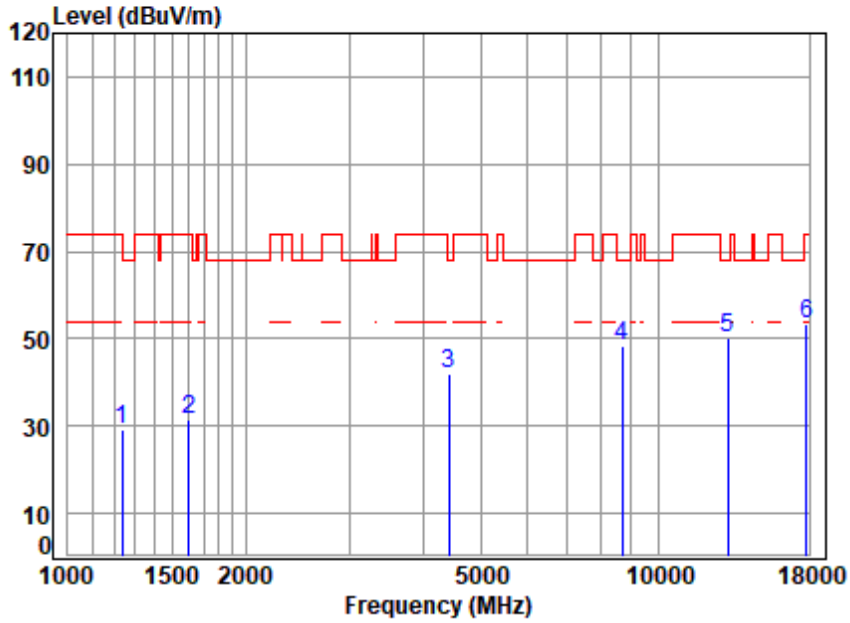
Test Mode: 27; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6565 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.30	29.54	74.00	-44.46	peak
2	1529.414	4.10	26.92	38.39	38.47	31.10	74.00	-42.90	peak
3	4354.454	7.03	34.44	35.83	35.59	41.23	74.00	-32.77	peak
4	8688.480	11.38	36.90	37.30	37.82	48.80	68.20	-19.40	peak
5	p13130.000	13.58	38.46	37.26	36.53	51.31	68.20	-16.89	peak
6	17793.090	15.03	43.89	37.63	31.65	52.94	74.00	-21.06	peak

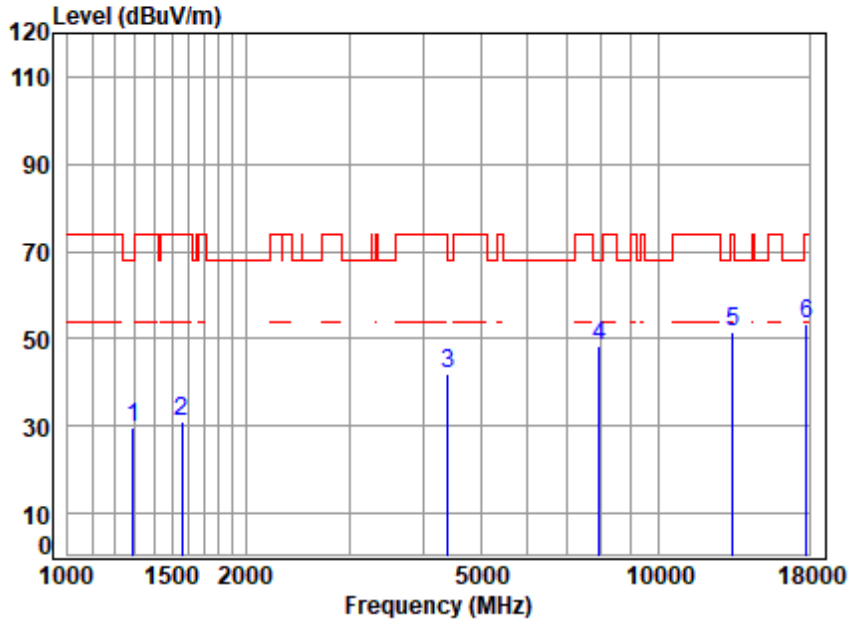
Test Mode: 27; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6565 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.17	29.41	74.00	-44.59	peak
2	1606.441	4.21	26.74	38.40	39.15	31.70	74.00	-42.30	peak
3	4417.841	7.07	34.59	35.78	35.94	41.82	68.20	-26.38	peak
4	8688.480	11.38	36.90	37.30	37.44	48.42	68.20	-19.78	peak
5	p13130.000	13.58	38.46	37.26	35.60	50.38	68.20	-17.82	peak
6	17793.090	15.03	43.89	37.63	31.97	53.26	74.00	-20.74	peak

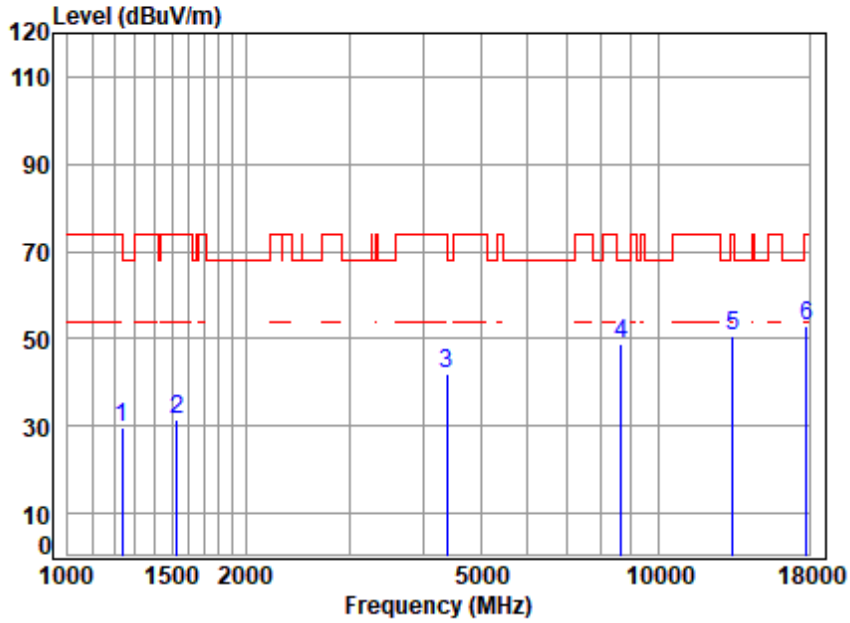
Test Mode: 27; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6685 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1289.627	3.74	24.86	38.36	39.57	29.81	68.20	-38.39	peak
2	1560.673	4.15	26.96	38.40	38.40	31.11	74.00	-42.89	peak
3	4405.090	7.06	34.74	35.79	35.99	42.00	68.20	-26.20	peak
4 p	7943.838	10.04	36.41	36.51	38.49	48.43	68.20	-19.77	peak
5	13370.000	13.64	38.74	37.25	36.26	51.39	74.00	-22.61	peak
6	17844.590	15.06	43.90	37.64	32.23	53.55	74.00	-20.45	peak

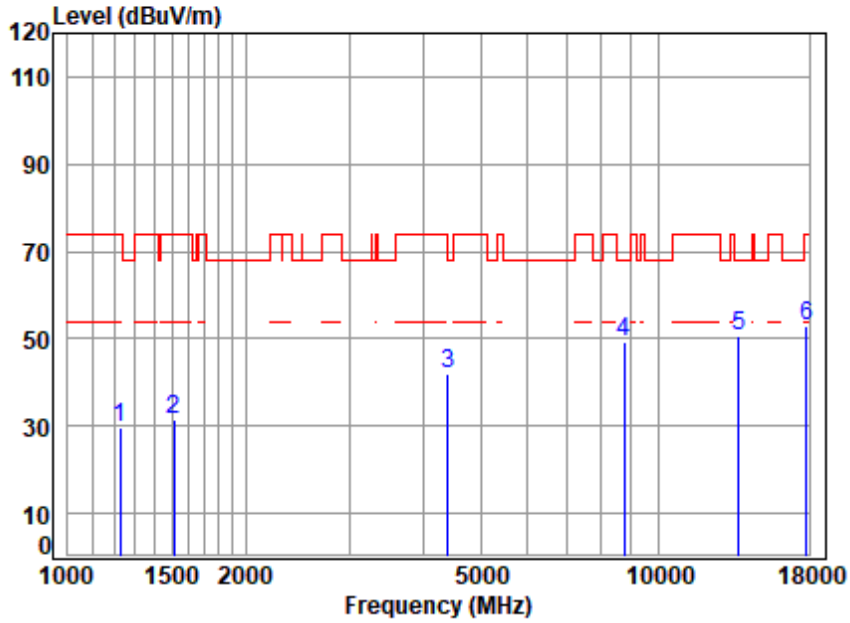
Test Mode: 27; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6685 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	39.26	29.50	74.00	-44.50	peak
2	1529.414	4.10	26.92	38.39	38.79	31.42	74.00	-42.58	peak
3	4379.699	7.04	34.64	35.81	36.03	41.90	74.00	-32.10	peak
4 p	8638.399	11.29	36.90	37.24	38.00	48.95	68.20	-19.25	peak
5	13370.000	13.64	38.74	37.25	35.40	50.53	74.00	-23.47	peak
6	17793.090	15.03	43.89	37.63	31.85	53.14	74.00	-20.86	peak

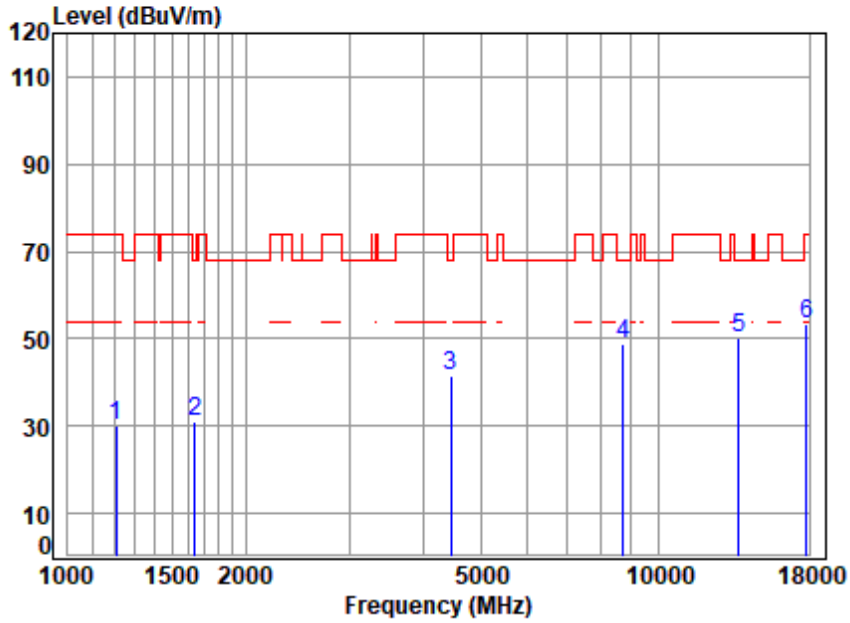
Test Mode: 27; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6845 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1227.791	3.63	24.79	38.34	39.41	29.49	74.00	-44.51	peak
2	1511.833	4.08	26.85	38.39	38.85	31.39	74.00	-42.61	peak
3	4405.090	7.06	34.74	35.79	35.85	41.86	68.20	-26.34	peak
4	8738.852	11.47	36.90	37.35	38.38	49.40	68.20	-18.80	peak
5	p13690.000	13.72	39.08	37.23	35.28	50.85	68.20	-17.35	peak
6	17793.090	15.03	43.89	37.63	31.68	52.97	74.00	-21.03	peak

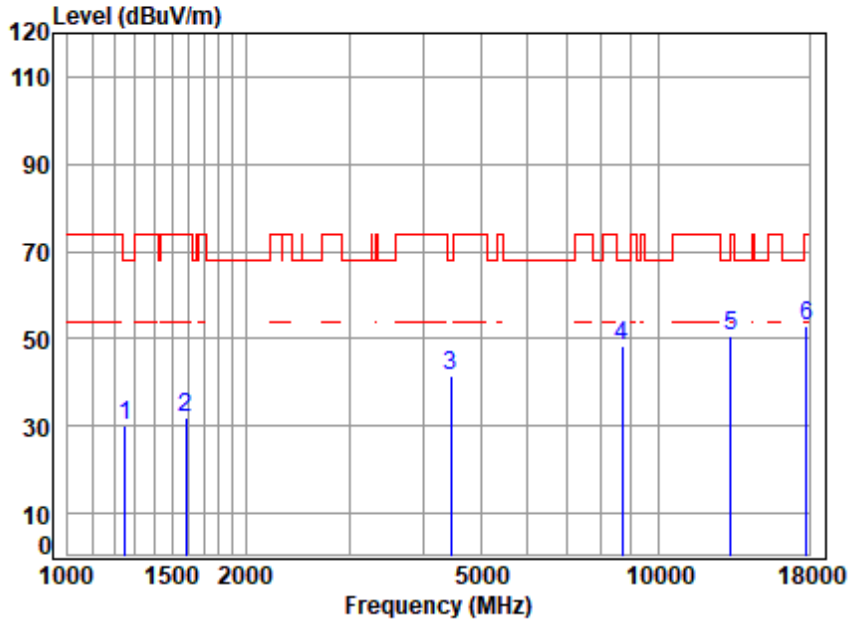
Test Mode: 27; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6845 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1206.682	3.59	24.49	38.34	40.22	29.96	74.00	-44.04	peak
2	1639.274	4.25	26.41	38.41	38.58	30.83	68.20	-37.37	peak
3	4456.315	7.09	34.12	35.76	36.08	41.53	68.20	-26.67	peak
4	8713.630	11.42	36.90	37.32	37.98	48.98	68.20	-19.22	peak
5	p13690.000	13.72	39.08	37.23	34.78	50.35	68.20	-17.85	peak
6	17793.090	15.03	43.89	37.63	32.06	53.35	74.00	-20.65	peak

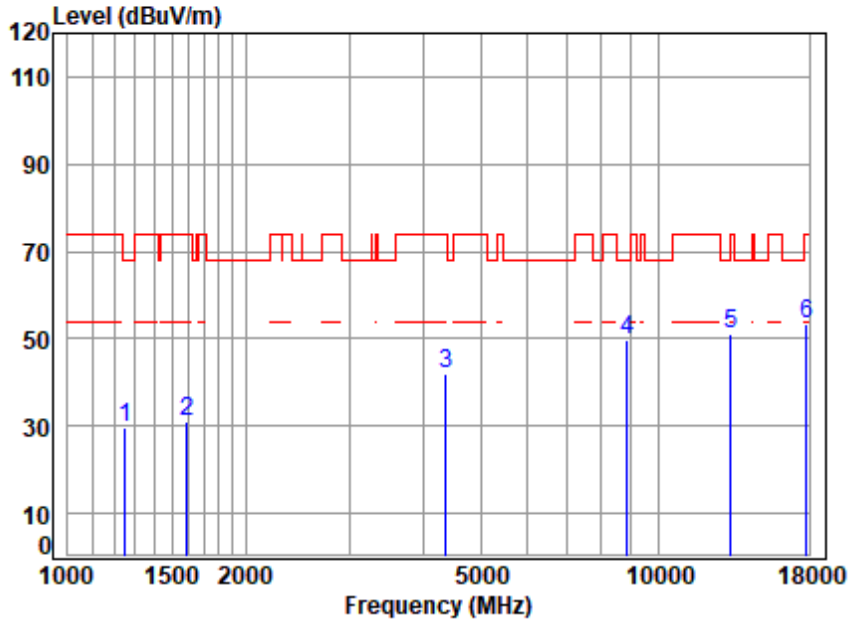
Test Mode: 27; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6625 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.67	25.08	38.35	39.75	30.15	68.20	-38.05	peak
2	1587.975	4.18	26.85	38.40	39.39	32.02	74.00	-41.98	peak
3	4456.315	7.09	34.12	35.76	35.89	41.34	68.20	-26.86	peak
4	8688.480	11.38	36.90	37.30	37.48	48.46	68.20	-19.74	peak
5	p13250.000	13.61	38.60	37.25	35.66	50.62	68.20	-17.58	peak
6	17844.590	15.06	43.90	37.64	31.46	52.78	74.00	-21.22	peak

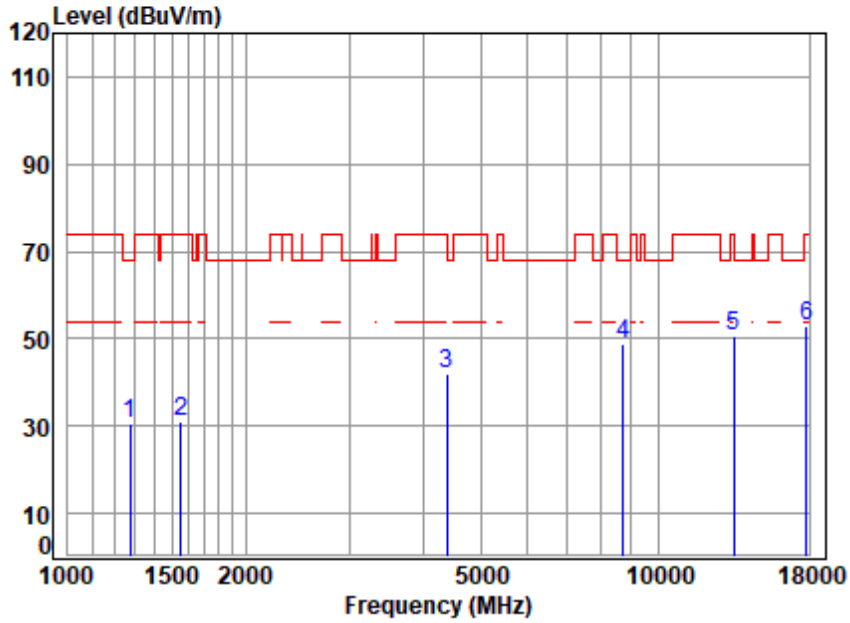
Test Mode: 27; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6625 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	3.67	25.09	38.35	39.33	29.74	68.20	-38.46	peak
2	1592.571	4.19	26.83	38.40	38.42	31.04	74.00	-42.96	peak
3	4367.058	7.04	34.54	35.82	36.13	41.89	74.00	-32.11	peak
4	8840.473	11.64	37.18	37.45	38.41	49.78	68.20	-18.42	peak
5	p13250.000	13.61	38.60	37.25	36.08	51.04	68.20	-17.16	peak
6	17793.090	15.03	43.89	37.63	31.94	53.23	74.00	-20.77	peak

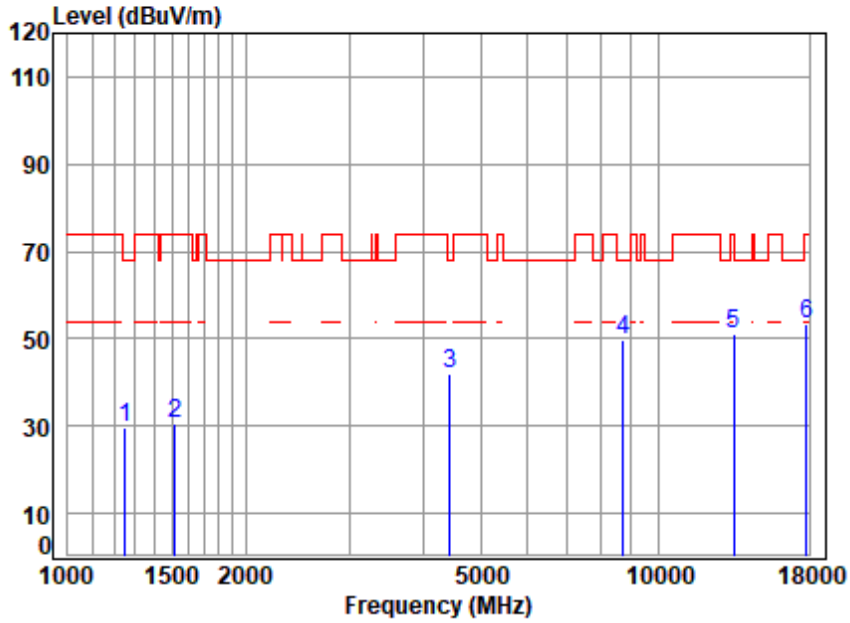
Test Mode: 27; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6705 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.71	24.95	38.35	40.13	30.44	68.20	-37.76	peak
2	1556.169	4.14	26.98	38.40	38.49	31.21	74.00	-42.79	peak
3	4392.376	7.05	34.74	35.80	35.90	41.89	74.00	-32.11	peak
4	8713.630	11.42	36.90	37.32	37.73	48.73	68.20	-19.47	peak
5	p13410.000	13.65	38.80	37.24	35.48	50.69	68.20	-17.51	peak
6	17793.090	15.03	43.89	37.63	31.45	52.74	74.00	-21.26	peak

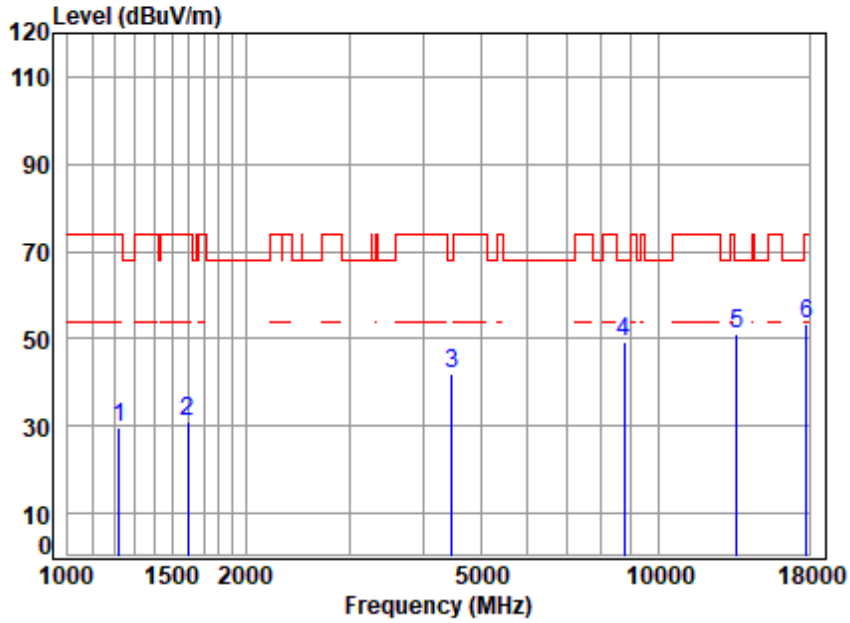
Test Mode: 27; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6705 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.67	25.08	38.35	39.18	29.58	68.20	-38.62	peak
2	1520.598	4.09	26.88	38.39	38.10	30.68	74.00	-43.32	peak
3	4430.628	7.08	34.43	35.77	36.26	42.00	68.20	-26.20	peak
4	8713.630	11.42	36.90	37.32	38.74	49.74	68.20	-18.46	peak
5	p13410.000	13.65	38.80	37.24	36.07	51.28	68.20	-16.92	peak
6	17793.090	15.03	43.89	37.63	32.22	53.51	74.00	-20.49	peak

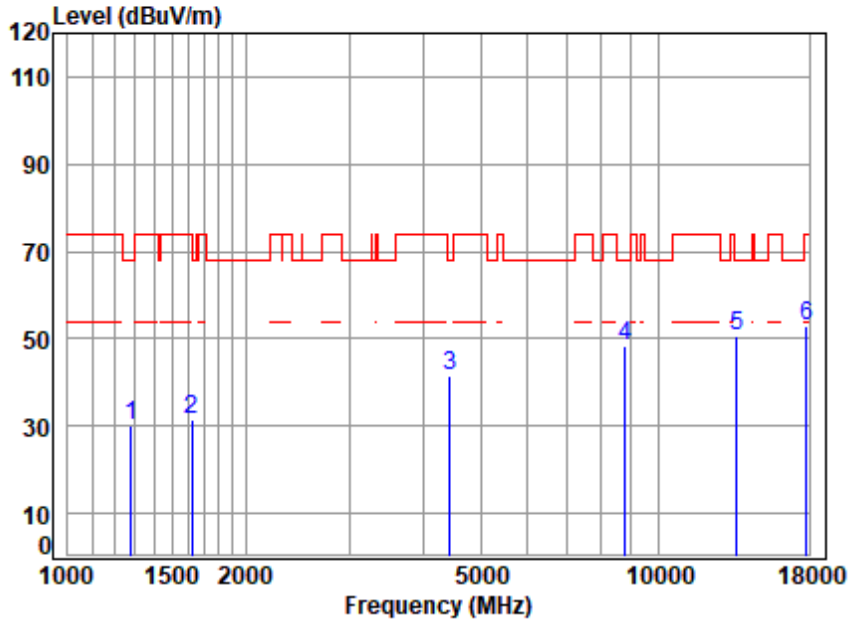
Test Mode: 27; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6785 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	3.62	24.69	38.34	39.64	29.61	74.00	-44.39	peak
2	1597.181	4.20	26.81	38.40	38.38	30.99	74.00	-43.01	peak
3	4469.214	7.10	33.97	35.75	36.44	41.76	68.20	-26.44	peak
4	8738.852	11.47	36.90	37.35	38.30	49.32	68.20	-18.88	peak
5	p13570.000	13.69	38.87	37.24	35.87	51.19	68.20	-17.01	peak
6	17793.090	15.03	43.89	37.63	32.03	53.32	74.00	-20.68	peak

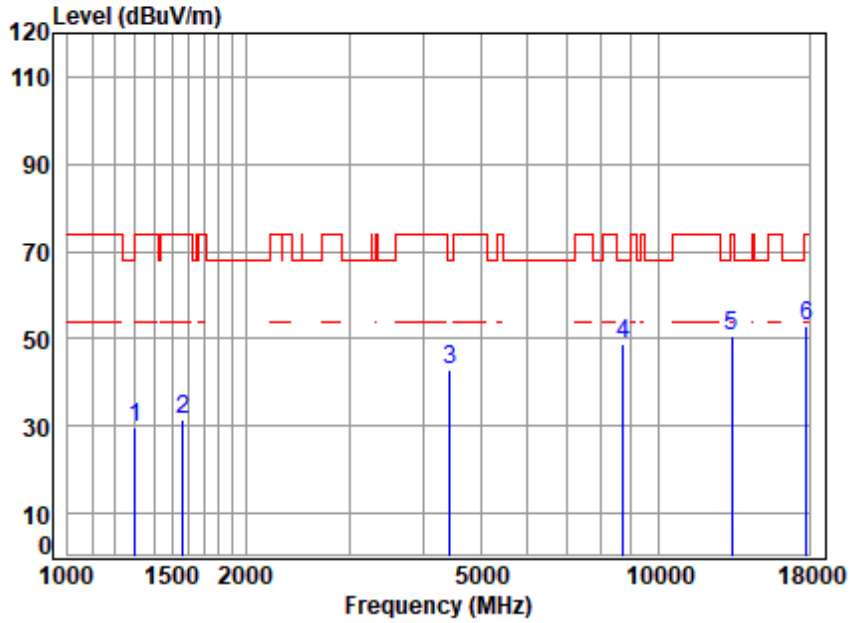
Test Mode: 27; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6785 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.72	24.91	38.35	39.61	29.89	68.20	-38.31	peak
2	1625.121	4.23	26.55	38.41	39.12	31.49	74.00	-42.51	peak
3	4443.453	7.09	34.28	35.77	36.12	41.72	68.20	-26.48	peak
4	8789.516	11.55	37.06	37.40	37.28	48.49	68.20	-19.71	peak
5	p13570.000	13.69	38.87	37.24	35.20	50.52	68.20	-17.68	peak
6	17844.590	15.06	43.90	37.64	31.66	52.98	74.00	-21.02	peak

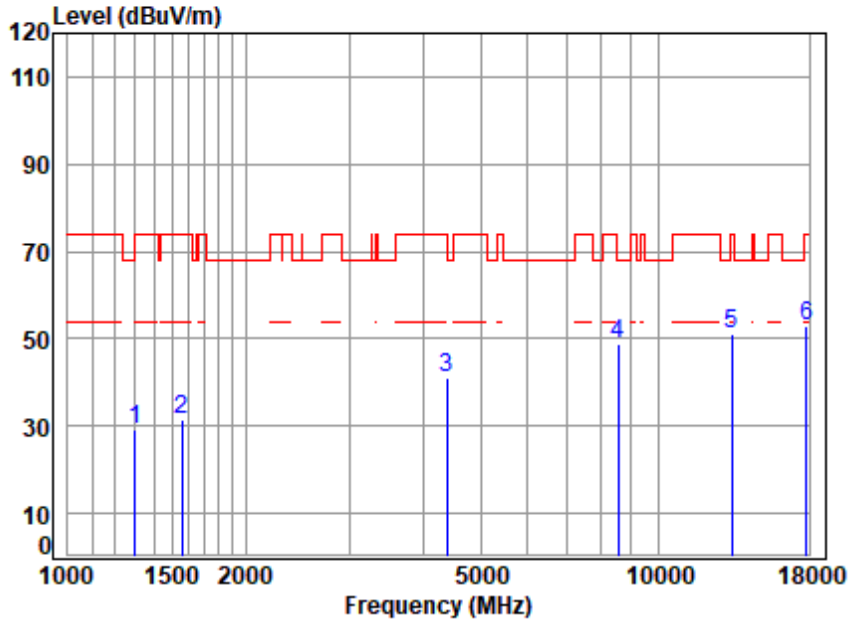
Test Mode: 27; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6665 TX RSE
Note : 6E WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	3.76	24.79	38.36	39.63	29.82	74.00	-44.18	peak
2	1565.191	4.15	26.94	38.40	38.99	31.68	74.00	-42.32	peak
3	4430.628	7.08	34.43	35.77	36.95	42.69	68.20	-25.51	peak
4 p	8713.630	11.42	36.90	37.32	37.69	48.69	68.20	-19.51	peak
5	13330.000	13.63	38.66	37.25	35.63	50.67	74.00	-23.33	peak
6	17844.590	15.06	43.90	37.64	31.38	52.70	74.00	-21.30	peak

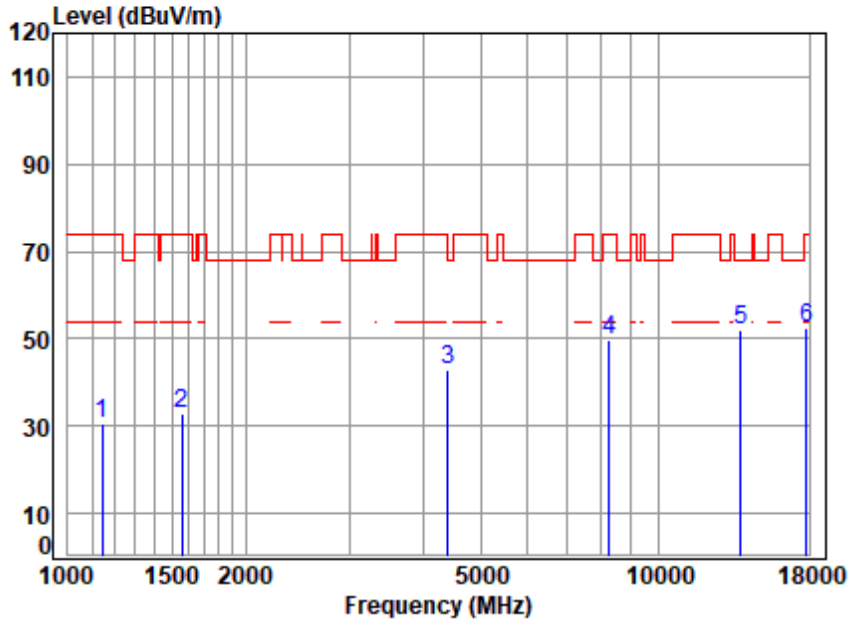
Test Mode: 27; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6665 TX RSE
Note : 6E WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1300.858	3.76	24.79	38.36	39.20	29.39	74.00	-44.61	peak
2	1560.673	4.15	26.96	38.40	38.58	31.29	74.00	-42.71	peak
3	4379.699	7.04	34.64	35.81	35.41	41.28	74.00	-32.72	peak
4	p 8539.102	11.11	36.78	37.14	38.13	48.88	68.20	-19.32	peak
5	13330.000	13.63	38.66	37.25	36.18	51.22	74.00	-22.78	peak
6	17793.090	15.03	43.89	37.63	31.52	52.81	74.00	-21.19	peak

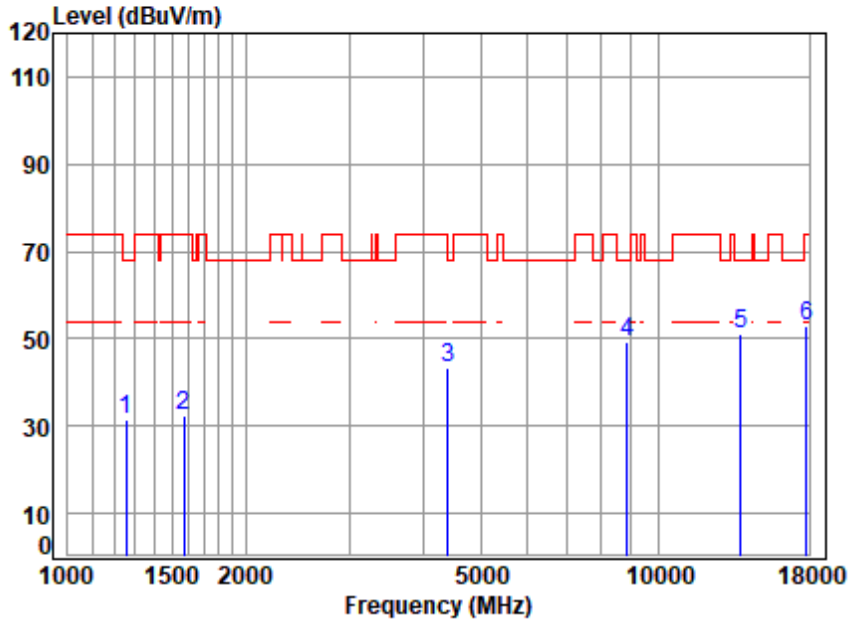
Test Mode: 28; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6895 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1142.201	3.48	23.87	38.33	41.44	30.46	74.00	-43.54	peak
2	1560.673	4.15	26.96	38.40	39.97	32.68	74.00	-41.32	peak
3	4405.090	7.06	34.74	35.79	36.86	42.87	68.20	-25.33	peak
4	8248.005	10.57	36.70	36.83	39.10	49.54	74.00	-24.46	peak
5	p13790.000	13.74	39.28	37.22	36.05	51.85	68.20	-16.35	peak
6	17793.090	15.03	43.89	37.63	31.41	52.70	74.00	-21.30	peak

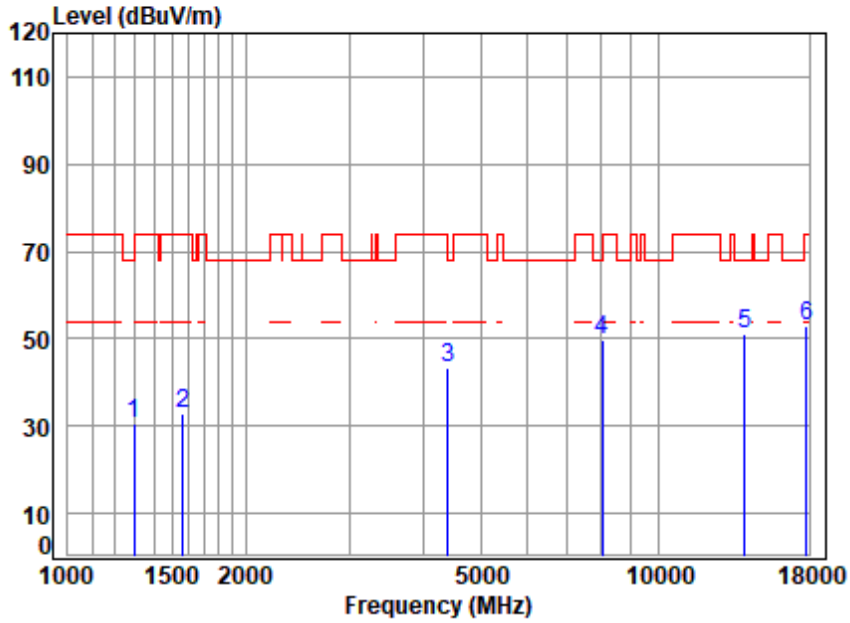
Test Mode: 28; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6895 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	40.88	31.27	68.20	-36.93	peak
2	1574.265	4.17	26.90	38.40	39.83	32.50	74.00	-41.50	peak
3	4405.090	7.06	34.74	35.79	37.11	43.12	68.20	-25.08	peak
4	8866.062	11.69	37.20	37.48	38.07	49.48	68.20	-18.72	peak
5	p13790.000	13.74	39.28	37.22	35.15	50.95	68.20	-17.25	peak
6	17793.090	15.03	43.89	37.63	31.55	52.84	74.00	-21.16	peak

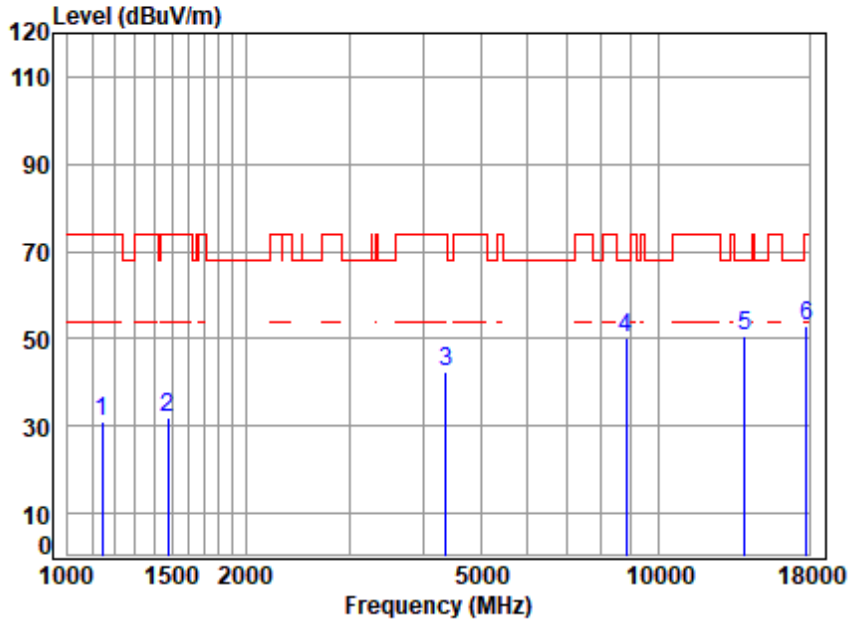
Test Mode: 28; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6995 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1293.359	3.74	24.84	38.36	40.39	30.61	68.20	-37.59	peak
2	1569.721	4.16	26.92	38.40	40.09	32.77	74.00	-41.23	peak
3	4405.090	7.06	34.74	35.79	37.51	43.52	68.20	-24.68	peak
4	8036.214	10.17	36.40	36.60	39.91	49.88	74.00	-24.12	peak
5	p13990.000	13.79	39.68	37.21	34.65	50.91	68.20	-17.29	peak
6	17793.090	15.03	43.89	37.63	31.65	52.94	74.00	-21.06	peak

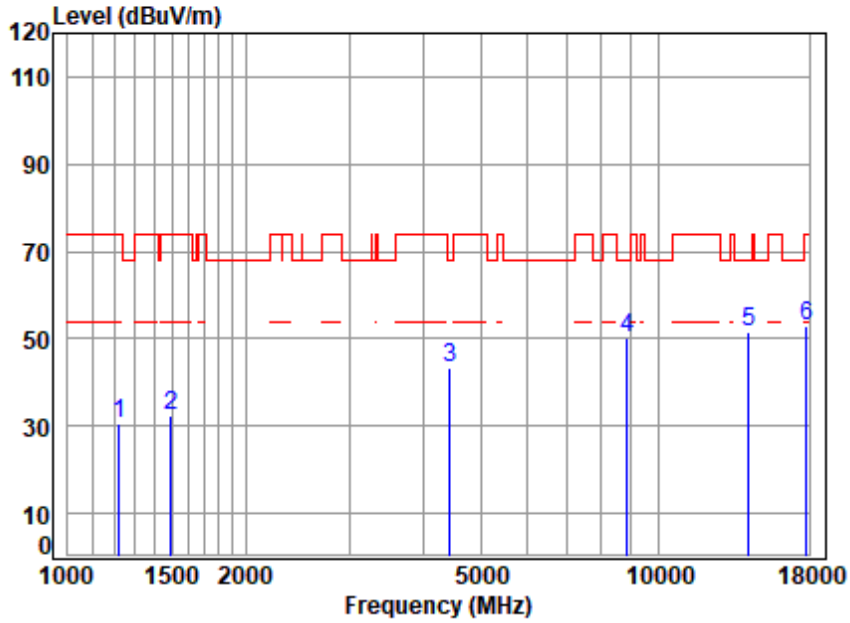
Test Mode: 28; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6995 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1142.201	3.48	23.87	38.33	42.03	31.05	74.00	-42.95	peak
2	1477.276	4.03	26.16	38.38	40.32	32.13	74.00	-41.87	peak
3	4367.058	7.04	34.54	35.82	36.65	42.41	74.00	-31.59	peak
4	8814.957	11.60	37.13	37.42	38.99	50.30	68.20	-17.90	peak
5	p13990.000	13.79	39.68	37.21	34.20	50.46	68.20	-17.74	peak
6	17793.090	15.03	43.89	37.63	31.42	52.71	74.00	-21.29	peak

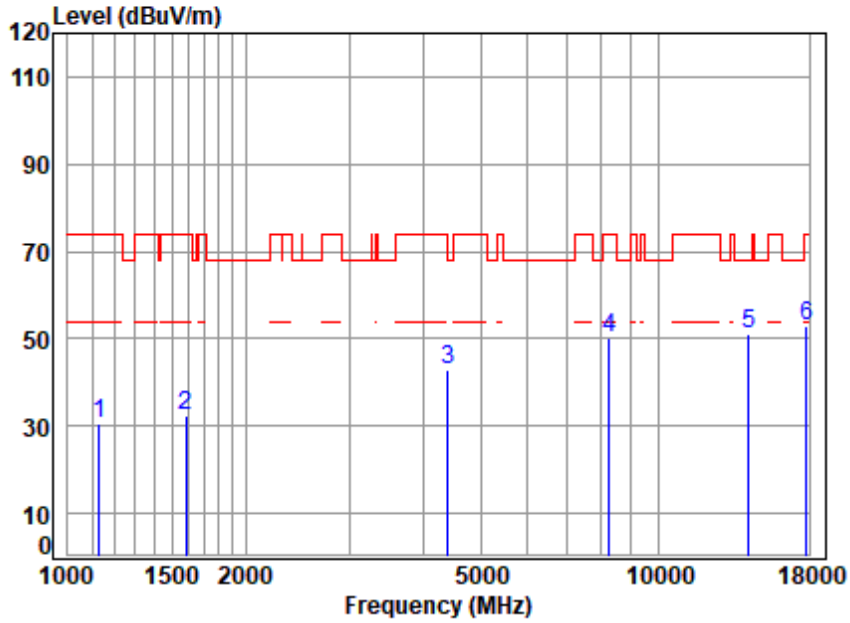
Test Mode: 28; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 7115 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1220.714	3.62	24.69	38.34	40.54	30.51	74.00	-43.49	peak
2	1494.455	4.05	26.64	38.39	40.08	32.38	74.00	-41.62	peak
3	4443.453	7.09	34.28	35.77	37.60	43.20	68.20	-25.00	peak
4	8840.473	11.64	37.18	37.45	38.77	50.14	68.20	-18.06	peak
5	p14230.000	13.85	39.89	37.16	34.89	51.47	68.20	-16.73	peak
6	17844.590	15.06	43.90	37.64	31.60	52.92	74.00	-21.08	peak

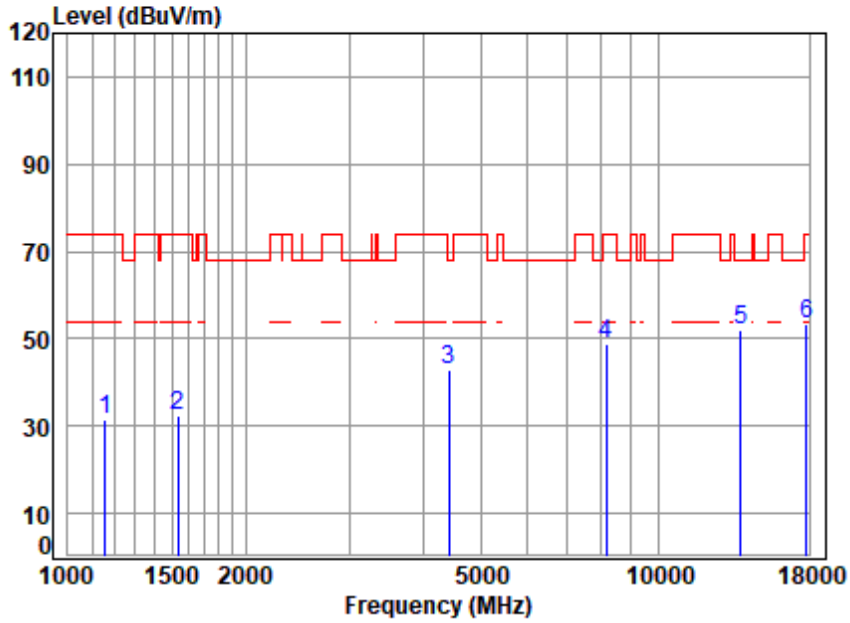
Test Mode: 28; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 7115 TX RSE
Note : 6E WIFI 11A

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1132.340	3.46	23.83	38.33	41.70	30.66	74.00	-43.34	peak
2	1583.392	4.18	26.87	38.40	39.74	32.39	74.00	-41.61	peak
3	4405.090	7.06	34.74	35.79	36.88	42.89	68.20	-25.31	peak
4	8248.005	10.57	36.70	36.83	39.69	50.13	74.00	-23.87	peak
5	p14230.000	13.85	39.89	37.16	34.68	51.26	68.20	-16.94	peak
6	17793.090	15.03	43.89	37.63	31.71	53.00	74.00	-21.00	peak

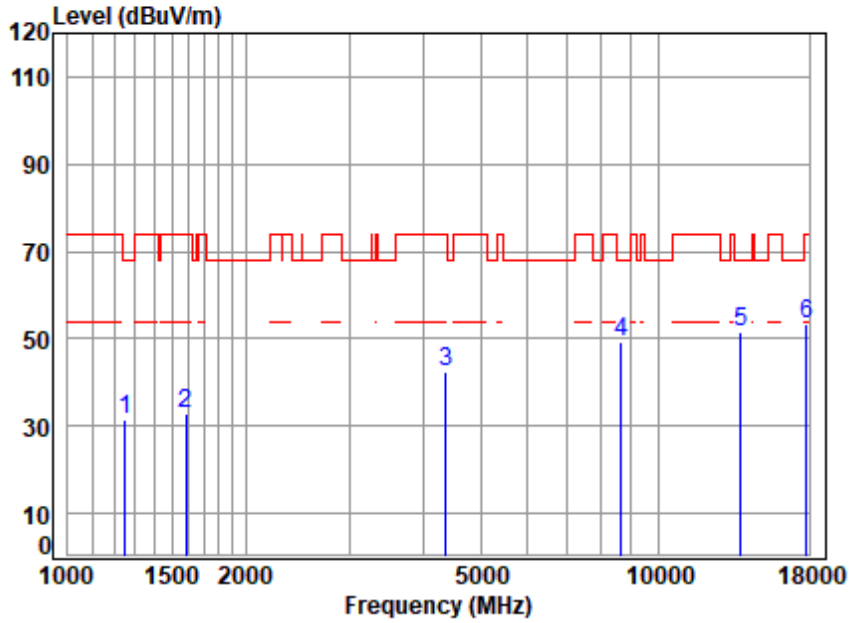
Test Mode: 28; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6895 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1158.828	3.51	23.99	38.33	42.27	31.44	74.00	-42.56	peak
2	1538.281	4.12	26.95	38.39	39.74	32.42	74.00	-41.58	peak
3	4417.841	7.07	34.59	35.78	36.92	42.80	68.20	-25.40	peak
4	8153.195	10.39	36.51	36.73	38.51	48.68	74.00	-25.32	peak
5	p13790.000	13.74	39.28	37.22	36.26	52.06	68.20	-16.14	peak
6	17793.090	15.03	43.89	37.63	32.17	53.46	74.00	-20.54	peak

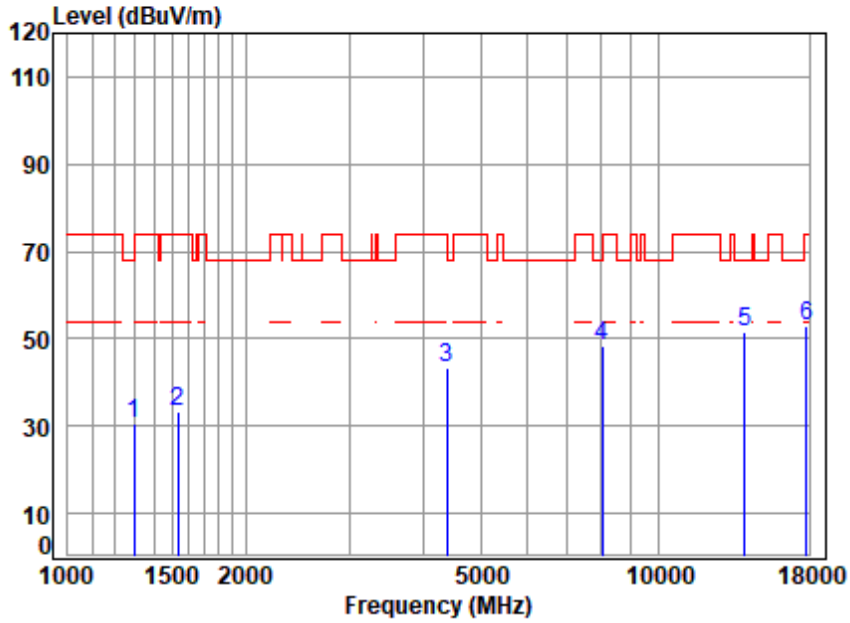
Test Mode: 28; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6895 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1249.269	3.67	25.09	38.35	41.02	31.43	68.20	-36.77	peak
2	1583.392	4.18	26.87	38.40	40.21	32.86	74.00	-41.14	peak
3	4367.058	7.04	34.54	35.82	36.78	42.54	74.00	-31.46	peak
4	8663.404	11.33	36.90	37.27	38.11	49.07	68.20	-19.13	peak
5	p13790.000	13.74	39.28	37.22	35.87	51.67	68.20	-16.53	peak
6	17844.590	15.06	43.90	37.64	32.25	53.57	74.00	-20.43	peak

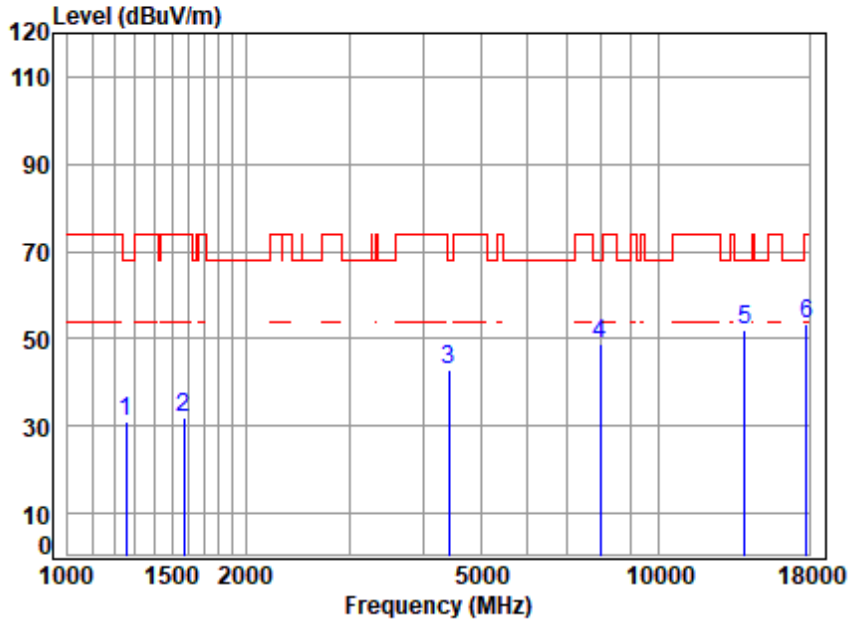
Test Mode: 28; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6995 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1297.103	3.75	24.82	38.36	40.50	30.71	68.20	-37.49	peak
2	1533.841	4.11	26.94	38.39	40.65	33.31	74.00	-40.69	peak
3	4392.376	7.05	34.74	35.80	37.35	43.34	74.00	-30.66	peak
4	8036.214	10.17	36.40	36.60	38.46	48.43	74.00	-25.57	peak
5	p13990.000	13.79	39.68	37.21	35.45	51.71	68.20	-16.49	peak
6	17844.590	15.06	43.90	37.64	31.46	52.78	74.00	-21.22	peak

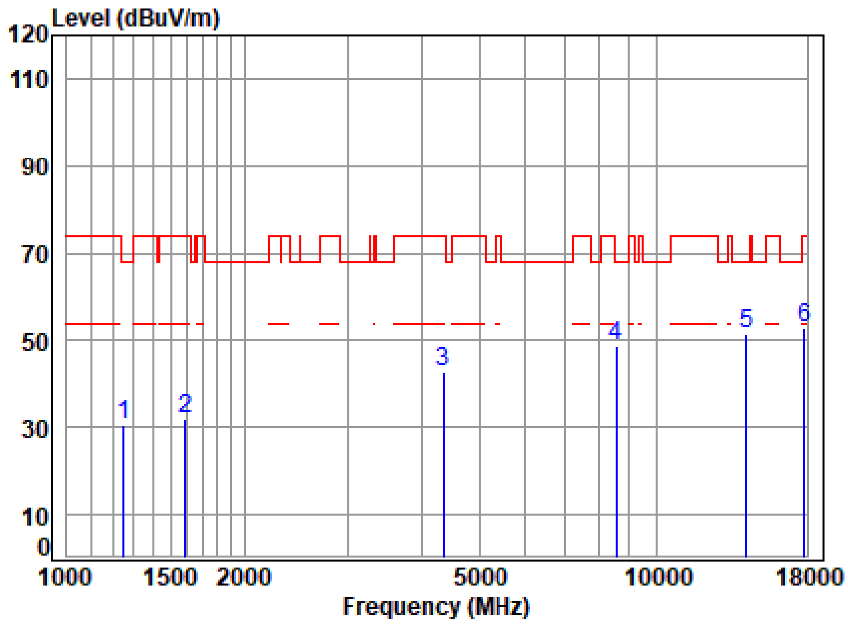
Test Mode: 28; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6995 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1256.512	3.68	25.06	38.35	40.57	30.96	68.20	-37.24	peak
2	1574.265	4.17	26.90	38.40	39.45	32.12	74.00	-41.88	peak
3	4417.841	7.07	34.59	35.78	37.19	43.07	68.20	-25.13	peak
4	7966.832	10.06	36.40	36.53	38.68	48.61	68.20	-19.59	peak
5	p13990.000	13.79	39.68	37.21	35.70	51.96	68.20	-16.24	peak
6	17844.590	15.06	43.90	37.64	32.16	53.48	74.00	-20.52	peak

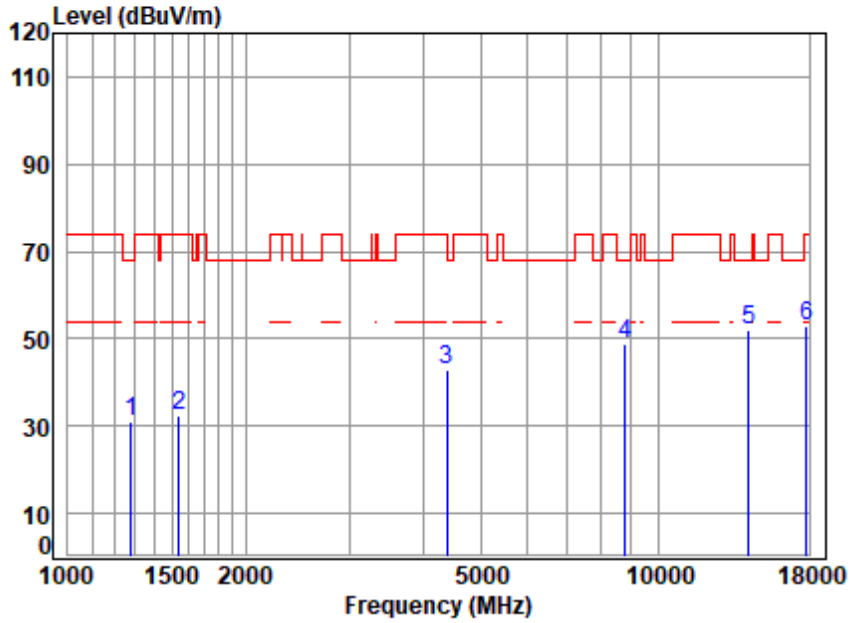
Test Mode: 28; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 7115 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.67	25.08	38.35	39.99	30.39	68.20	-37.81	peak
2	1592.571	4.19	26.83	38.40	39.27	31.89	74.00	-42.11	peak
3	4354.454	7.03	34.44	35.83	37.24	42.88	74.00	-31.12	peak
4	8539.102	11.11	36.78	37.14	37.93	48.68	68.20	-19.52	peak
5	p14230.000	13.85	39.89	37.16	35.08	51.66	68.20	-16.54	peak
6	17793.090	15.03	43.89	37.63	31.71	53.00	74.00	-21.00	peak

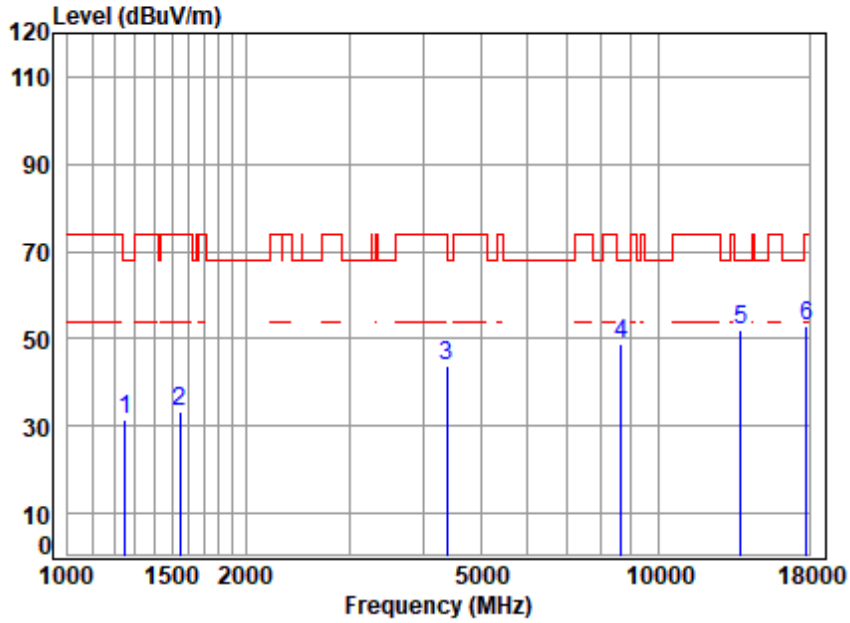
Test Mode: 28; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 7115 TX RSE
Note : 6E WIFI 11AC20

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1282.193	3.72	24.91	38.35	40.70	30.98	68.20	-37.22	peak
2	1542.733	4.12	26.97	38.39	39.48	32.18	74.00	-41.82	peak
3	4379.699	7.04	34.64	35.81	36.84	42.71	74.00	-31.29	peak
4	8789.516	11.55	37.06	37.40	37.48	48.69	68.20	-19.51	peak
5	p14230.000	13.85	39.89	37.16	35.33	51.91	68.20	-16.29	peak
6	17793.090	15.03	43.89	37.63	31.47	52.76	74.00	-21.24	peak

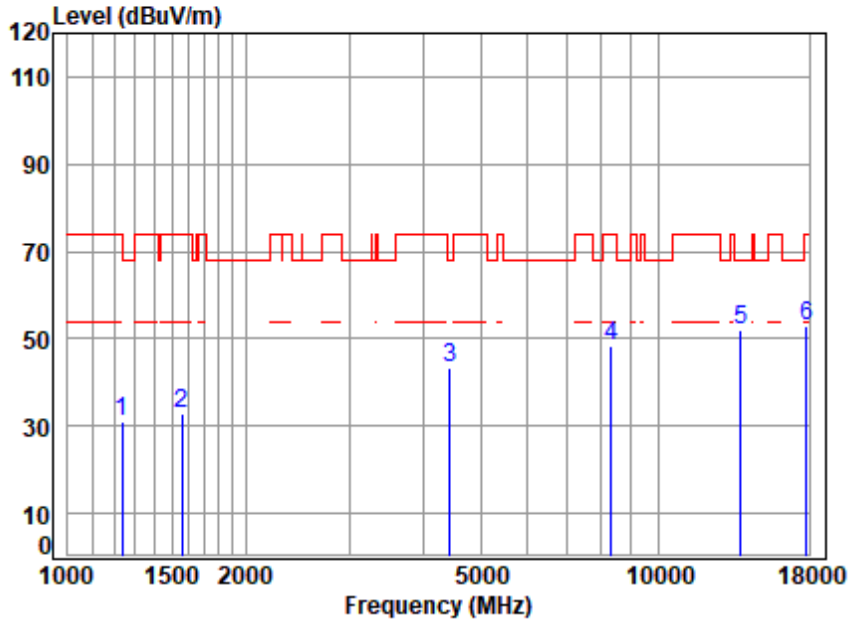
Test Mode: 28; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6885 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1252.885	3.67	25.08	38.35	40.94	31.34	68.20	-36.86	peak
2	1547.199	4.13	26.99	38.39	40.51	33.24	74.00	-40.76	peak
3	4379.699	7.04	34.64	35.81	37.91	43.78	74.00	-30.22	peak
4	8638.399	11.29	36.90	37.24	37.73	48.68	68.20	-19.52	peak
5	p13770.000	13.74	39.24	37.22	36.36	52.12	68.20	-16.08	peak
6	17844.590	15.06	43.90	37.64	31.78	53.10	74.00	-20.90	peak

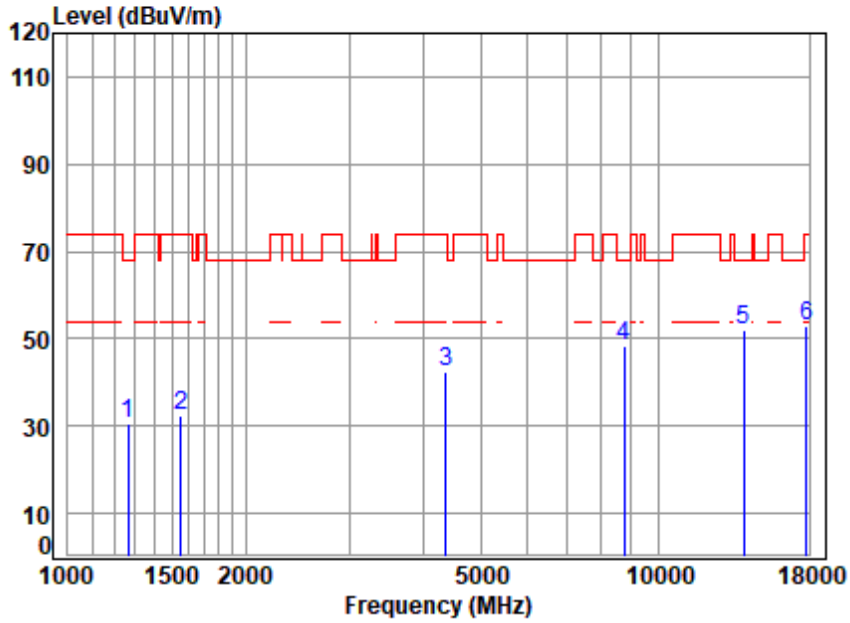
Test Mode: 28; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6885 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1238.483	3.65	24.94	38.35	40.69	30.93	74.00	-43.07	peak
2	1560.673	4.15	26.96	38.40	40.13	32.84	74.00	-41.16	peak
3	4430.628	7.08	34.43	35.77	37.68	43.42	68.20	-24.78	peak
4	8319.836	10.71	36.70	36.91	37.89	48.39	74.00	-25.61	peak
5	p13770.000	13.74	39.24	37.22	36.03	51.79	68.20	-16.41	peak
6	17793.090	15.03	43.89	37.63	31.59	52.88	74.00	-21.12	peak

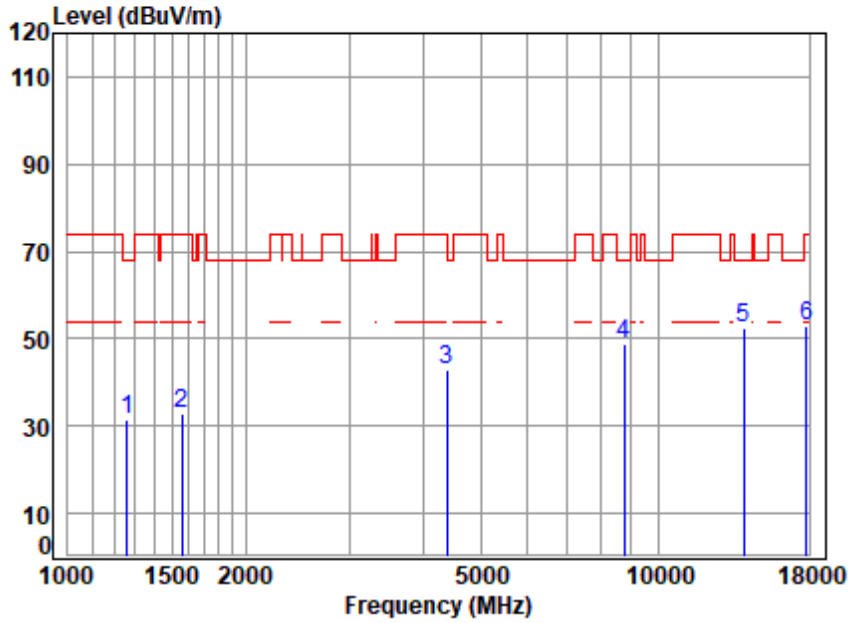
Test Mode: 28; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6965 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.796	3.69	25.02	38.35	40.42	30.78	68.20	-37.42	peak
2	1551.677	4.13	26.99	38.40	39.70	32.42	74.00	-41.58	peak
3	4367.058	7.04	34.54	35.82	36.72	42.48	74.00	-31.52	peak
4	8738.852	11.47	36.90	37.35	37.48	48.50	68.20	-19.70	peak
5	p13930.000	13.77	39.56	37.21	35.94	52.06	68.20	-16.14	peak
6	17793.090	15.03	43.89	37.63	31.79	53.08	74.00	-20.92	peak

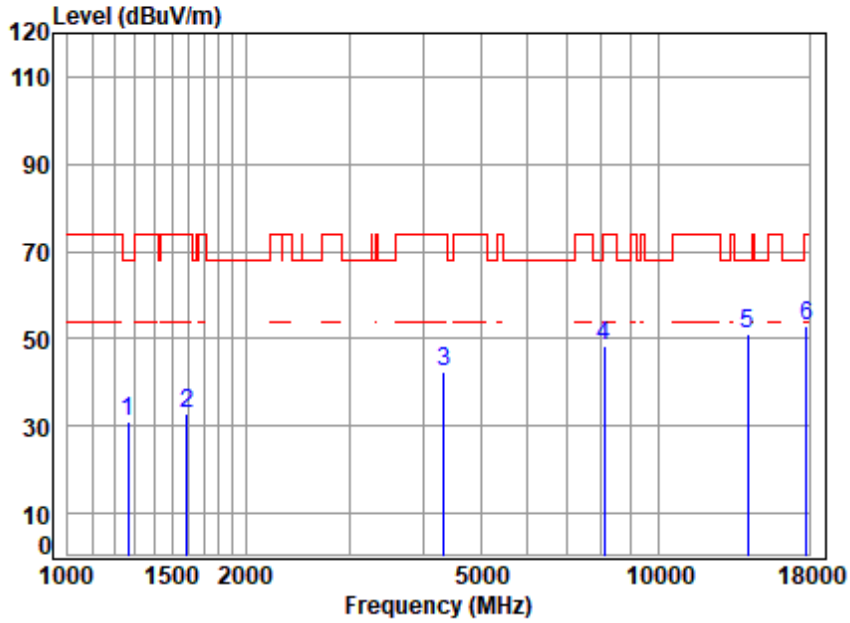
Test Mode: 28; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6965 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1260.149	3.69	25.04	38.35	41.07	31.45	68.20	-36.75	peak
2	1560.673	4.15	26.96	38.40	40.14	32.85	74.00	-41.15	peak
3	4392.376	7.05	34.74	35.80	37.06	43.05	74.00	-30.95	peak
4	8738.852	11.47	36.90	37.35	37.72	48.74	68.20	-19.46	peak
5	p13930.000	13.77	39.56	37.21	36.33	52.45	68.20	-15.75	peak
6	17793.090	15.03	43.89	37.63	31.51	52.80	74.00	-21.20	peak

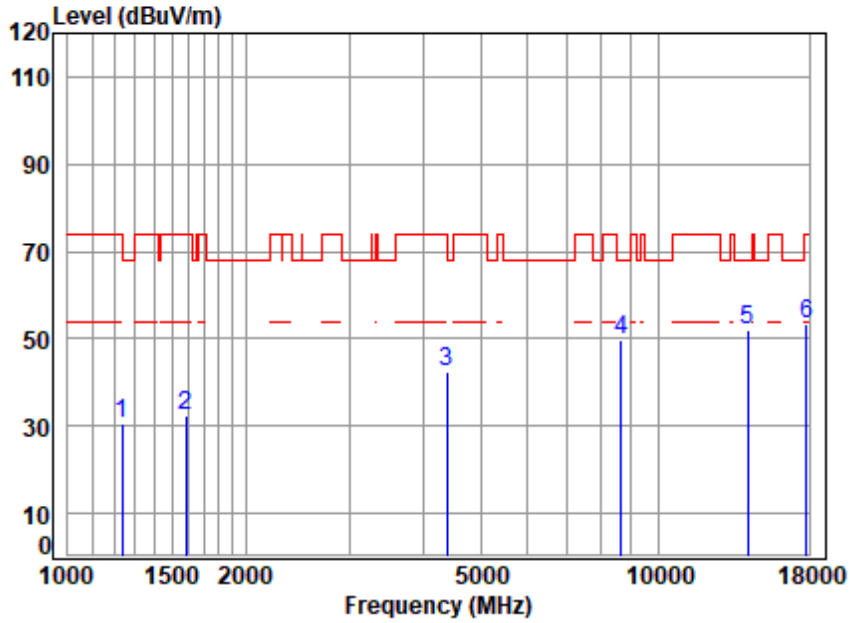
Test Mode: 28; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 7085 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1263.796	3.69	25.02	38.35	40.57	30.93	68.20	-37.27	peak
2	1592.571	4.19	26.83	38.40	40.04	32.66	74.00	-41.34	peak
3	4341.886	7.02	34.34	35.84	36.92	42.44	74.00	-31.56	peak
4	8106.200	10.30	36.50	36.68	38.25	48.37	74.00	-25.63	peak
5	p14170.000	13.84	39.80	37.18	34.66	51.12	68.20	-17.08	peak
6	17844.590	15.06	43.90	37.64	31.44	52.76	74.00	-21.24	peak

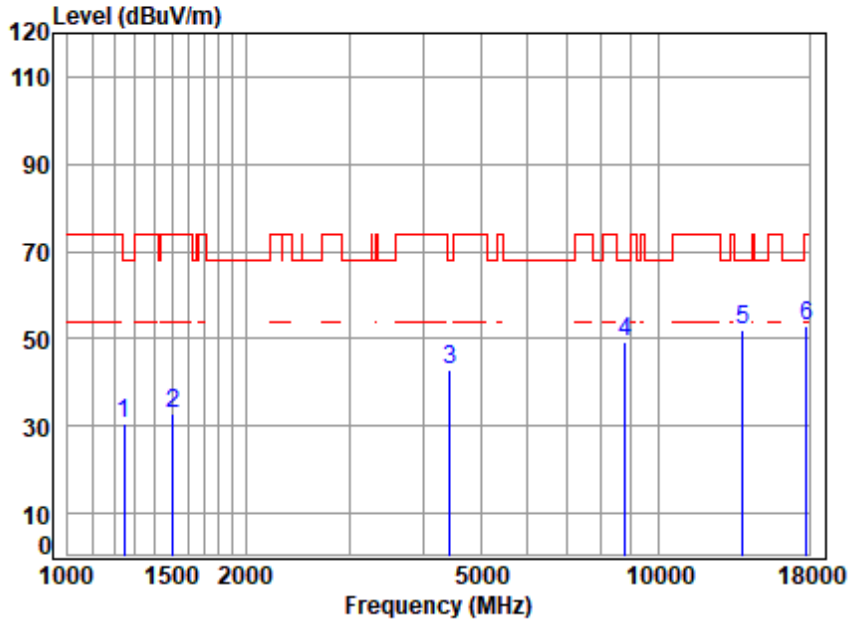
Test Mode: 28; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 7085 TX RSE
Note : 6E WIFI 11AC40

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1234.909	3.64	24.89	38.35	40.58	30.76	74.00	-43.24	peak
2	1583.392	4.18	26.87	38.40	39.70	32.35	74.00	-41.65	peak
3	4379.699	7.04	34.64	35.81	36.39	42.26	74.00	-31.74	peak
4	8663.404	11.33	36.90	37.27	38.63	49.59	68.20	-18.61	peak
5	p14170.000	13.84	39.80	37.18	35.74	52.20	68.20	-16.00	peak
6	17844.590	15.06	43.90	37.64	32.20	53.52	74.00	-20.48	peak

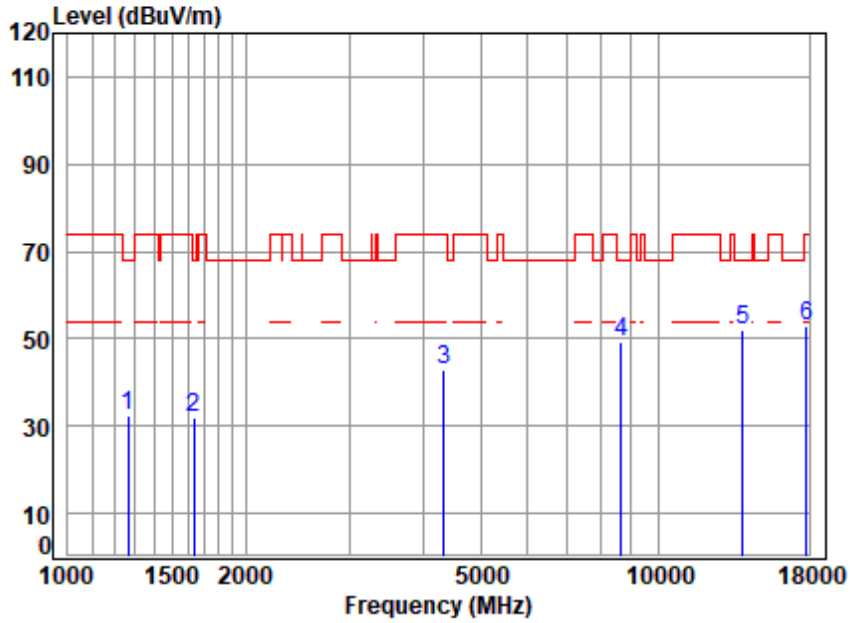
Test Mode: 28; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6945 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1245.663	3.66	25.04	38.35	40.38	30.73	68.20	-37.47	peak
2	1507.470	4.07	26.83	38.39	40.19	32.70	74.00	-41.30	peak
3	4430.628	7.08	34.43	35.77	37.15	42.89	68.20	-25.31	peak
4	8789.516	11.55	37.06	37.40	38.11	49.32	68.20	-18.88	peak
5	p13890.000	13.76	39.48	37.22	36.06	52.08	68.20	-16.12	peak
6	17844.590	15.06	43.90	37.64	31.77	53.09	74.00	-20.91	peak

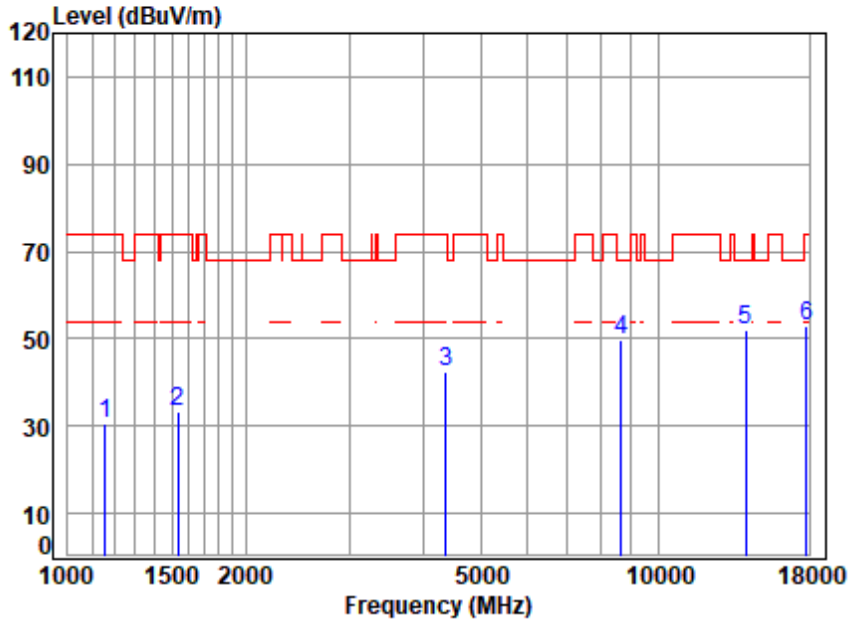
Test Mode: 28; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6945 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1267.454	3.70	25.00	38.35	42.06	32.41	68.20	-35.79	peak
2	1634.543	4.25	26.45	38.41	39.65	31.94	68.20	-36.26	peak
3	4341.886	7.02	34.34	35.84	37.34	42.86	74.00	-31.14	peak
4	8638.399	11.29	36.90	37.24	38.15	49.10	68.20	-19.10	peak
5	p13890.000	13.76	39.48	37.22	36.00	52.02	68.20	-16.18	peak
6	17793.090	15.03	43.89	37.63	31.49	52.78	74.00	-21.22	peak

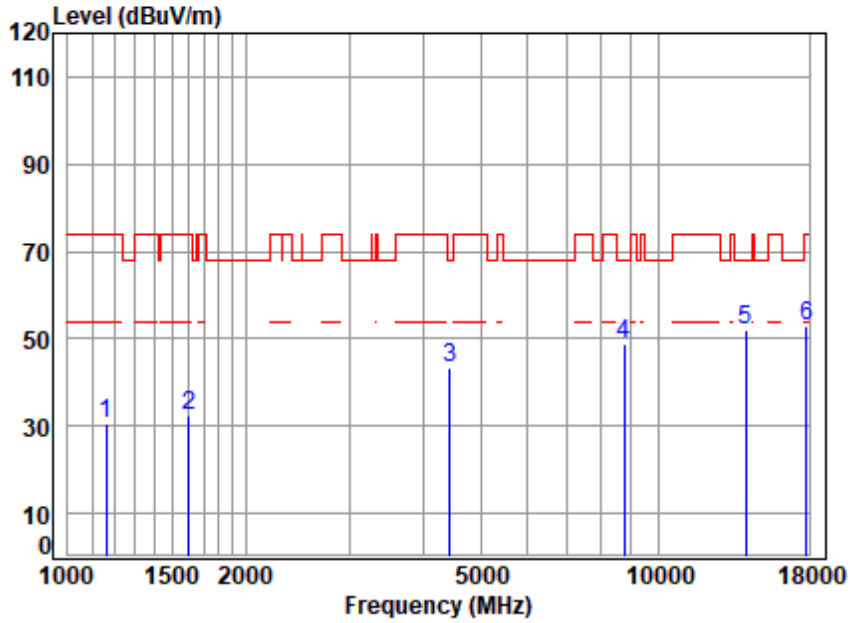
Test Mode: 28; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 7025 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1158.828	3.51	23.99	38.33	41.44	30.61	74.00	-43.39	peak
2	1533.841	4.11	26.94	38.39	40.51	33.17	74.00	-40.83	peak
3	4367.058	7.04	34.54	35.82	36.62	42.38	74.00	-31.62	peak
4	8663.404	11.33	36.90	37.27	38.61	49.57	68.20	-18.63	peak
5	p14050.000	13.80	39.75	37.20	35.45	51.80	68.20	-16.40	peak
6	17793.090	15.03	43.89	37.63	31.82	53.11	74.00	-20.89	peak

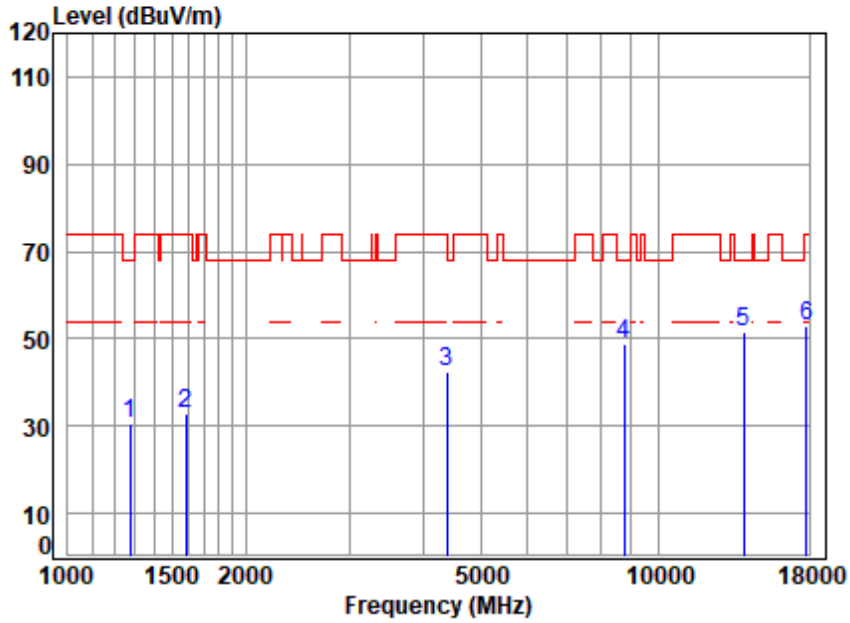
Test Mode: 28; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 7025 TX RSE
Note : 6E WIFI 11AC80

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1162.182	3.51	24.02	38.33	41.51	30.71	74.00	-43.29	peak
2	1606.441	4.21	26.74	38.40	39.65	32.20	74.00	-41.80	peak
3	4430.628	7.08	34.43	35.77	37.39	43.13	68.20	-25.07	peak
4	8764.146	11.51	36.96	37.37	37.54	48.64	68.20	-19.56	peak
5	p14050.000	13.80	39.75	37.20	35.85	52.20	68.20	-16.00	peak
6	17793.090	15.03	43.89	37.63	31.65	52.94	74.00	-21.06	peak

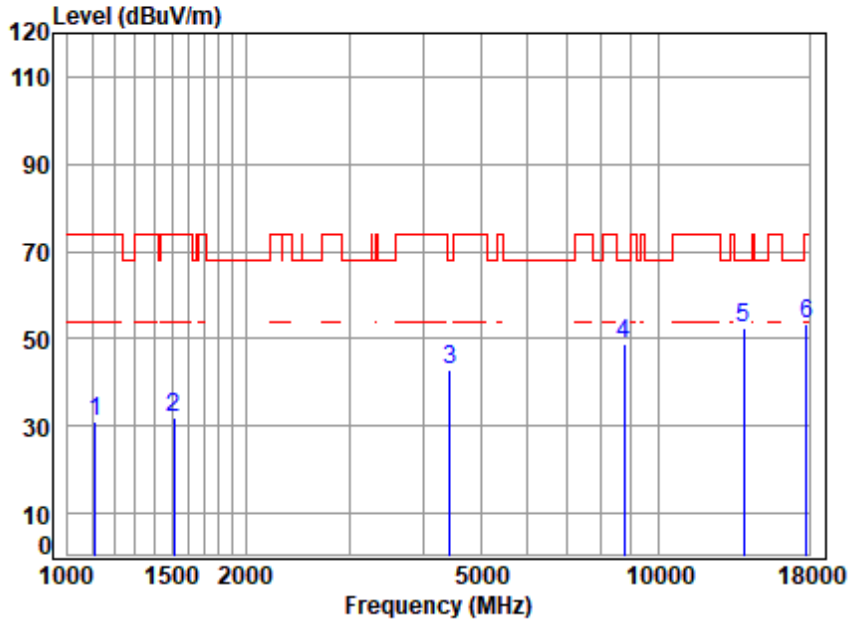
Test Mode: 28; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m HORIZONTAL
Job No : 00952AT/00953AT
Mode : 6985 TX RSE
Note : 6E WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1274.802	3.71	24.95	38.35	40.24	30.55	68.20	-37.65	peak
2	1587.975	4.18	26.85	38.40	40.09	32.72	74.00	-41.28	peak
3	4392.376	7.05	34.74	35.80	36.41	42.40	74.00	-31.60	peak
4	8738.852	11.47	36.90	37.35	37.59	48.61	68.20	-19.59	peak
5	p13970.000	13.78	39.64	37.21	35.24	51.45	68.20	-16.75	peak
6	17844.590	15.06	43.90	37.64	31.63	52.95	74.00	-21.05	peak

Test Mode: 28; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:middle



Site : chamber
Condition: 3m VERTICAL
Job No : 00952AT/00953AT
Mode : 6985 TX RSE
Note : 6E WIFI 11AC160

	Freq	Cable Loss	Ant Factor	Preamp Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dB/m	dB	dBuV	dBuV/m	dBuV/m	dB	
1	1112.872	3.42	23.75	38.32	42.20	31.05	74.00	-42.95	peak
2	1511.833	4.08	26.85	38.39	39.56	32.10	74.00	-41.90	peak
3	4430.628	7.08	34.43	35.77	37.22	42.96	68.20	-25.24	peak
4	8738.852	11.47	36.90	37.35	37.76	48.78	68.20	-19.42	peak
5	p13970.000	13.78	39.64	37.21	36.05	52.26	68.20	-15.94	peak
6	17793.090	15.03	43.89	37.63	31.91	53.20	74.00	-20.80	peak

7.6 Non-occupancy period

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.			

7.6.1 E.U.T. Operation

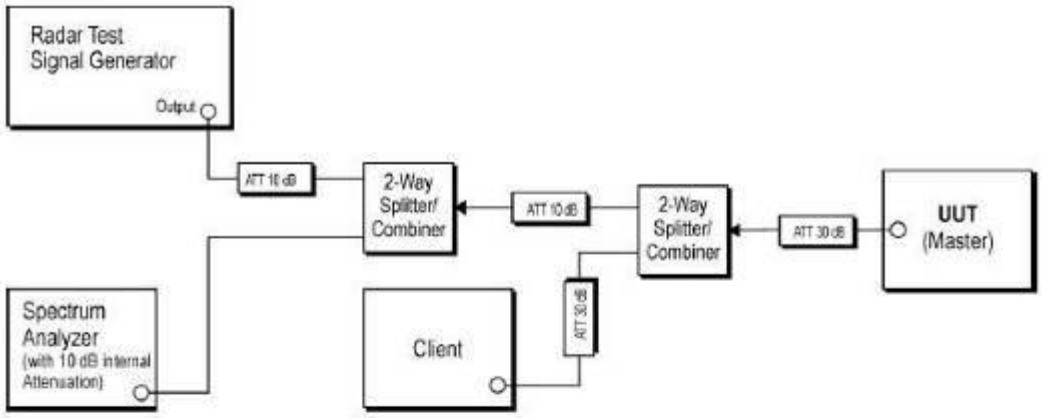
Operating Environment:

Temperature: 23.1 °C Humidity: 46.4 % RH Atmospheric Pressure: 1020 mbar

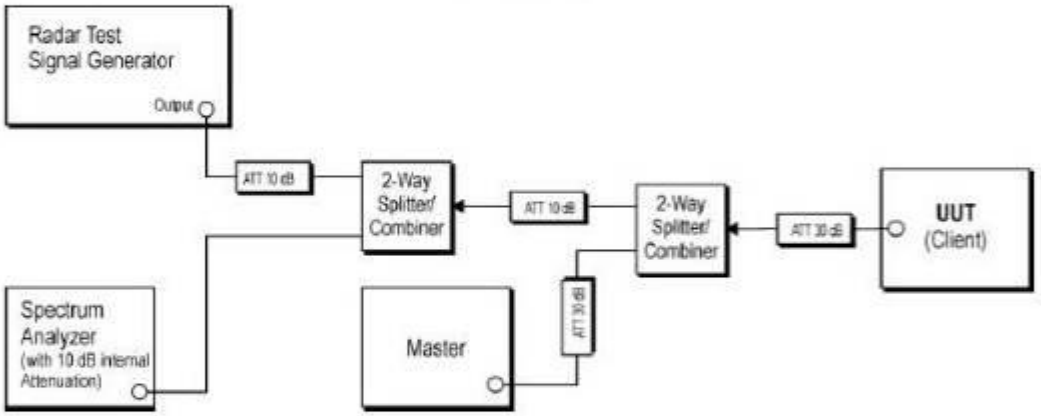
7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	58	Normal operating_Keep the EUT communication with the companion device.

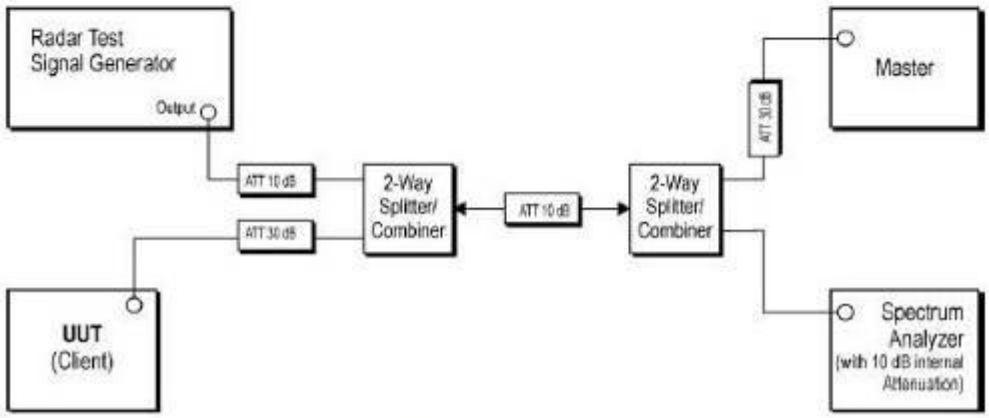
7.6.3 Test Setup Diagram



DFS master



DFS slave with radar detection



DFS slave without radar detection

7.6.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.7 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.7.1 E.U.T. Operation

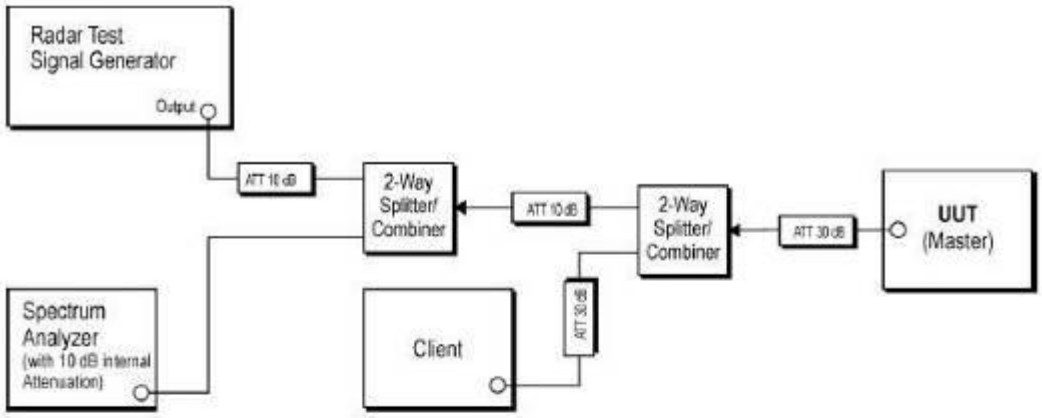
Operating Environment:

Temperature: 23.1 °C Humidity: 46.4 % RH Atmospheric Pressure: 1020 mbar

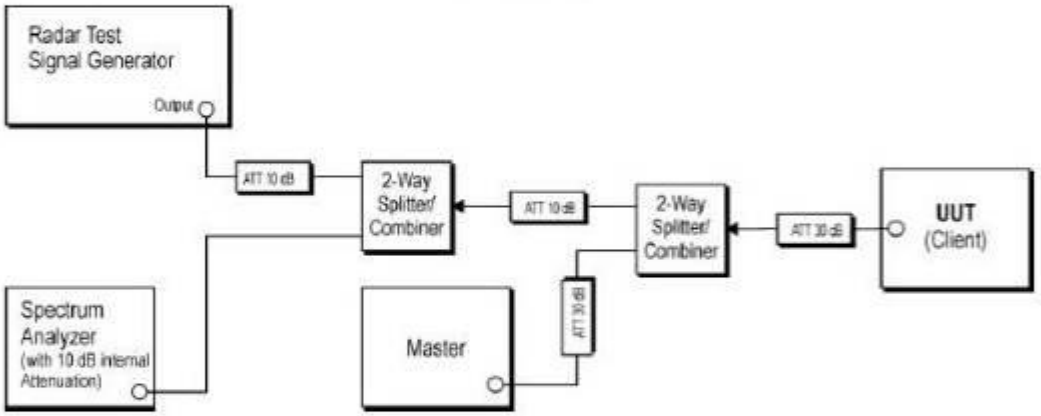
7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	58	Normal operating_Keep the EUT communication with the companion device.

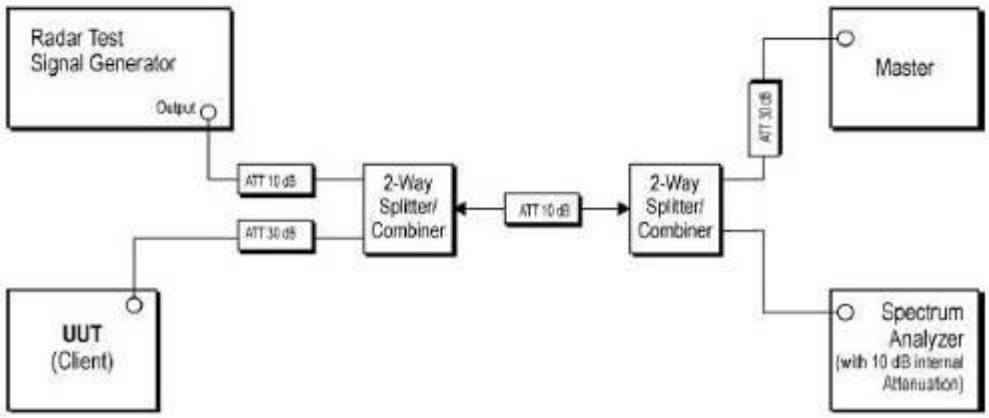
7.7.3 Test Setup Diagram



DFS master



DFS slave with radar detection



DFS slave without radar detection

7.7.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.8 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

7.8.1 E.U.T. Operation

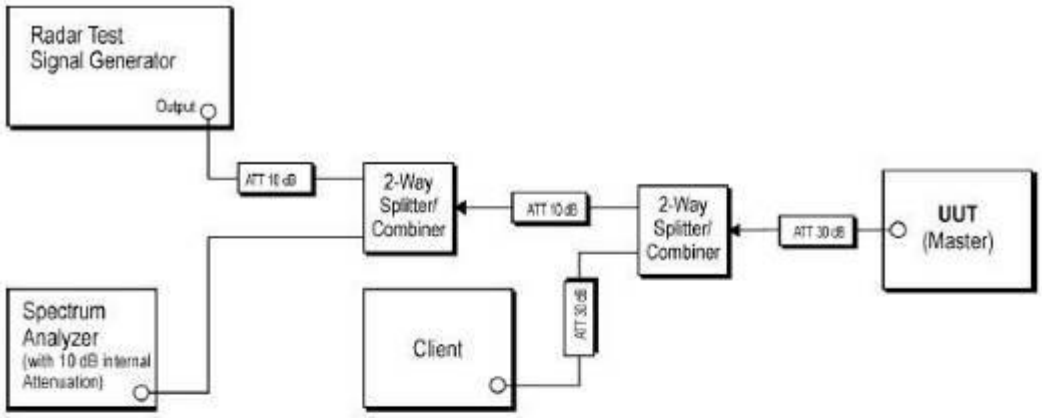
Operating Environment:

Temperature: 23.1 °C Humidity: 46.4 % RH Atmospheric Pressure: 1020 mbar

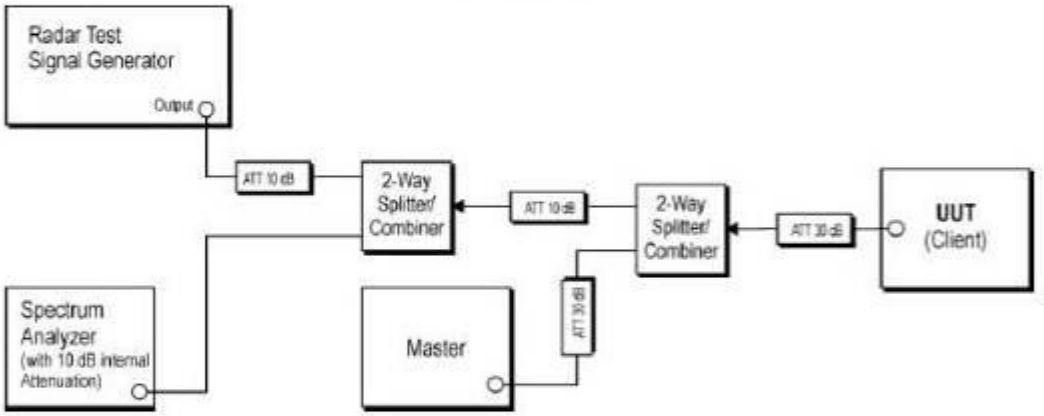
7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	58	Normal operating_Keep the EUT communication with the companion device.

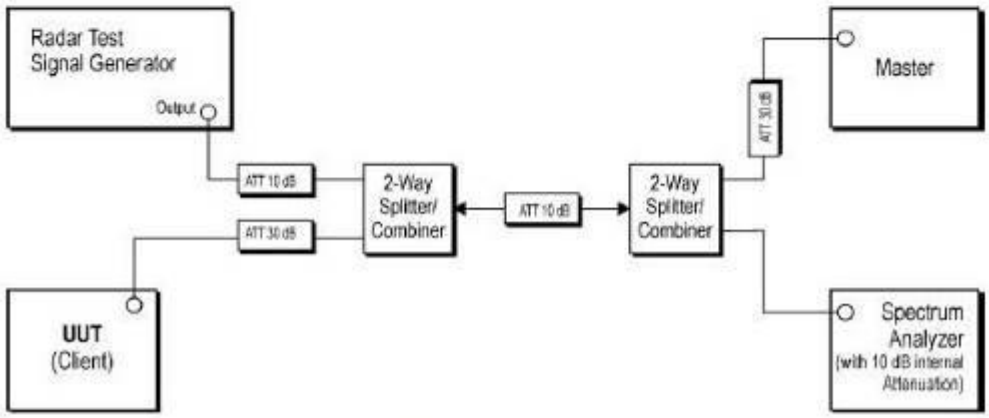
7.8.3 Test Setup Diagram



DFS master



DFS slave with radar detection



DFS slave without radar detection

7.8.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

8 Test Setup Photo

Refer to Setup Photo for SZCR2403000952AT

9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for SZCR2403000952AT

10 Appendix

Note: only record the worst test result.

1. Contention Based Protocol

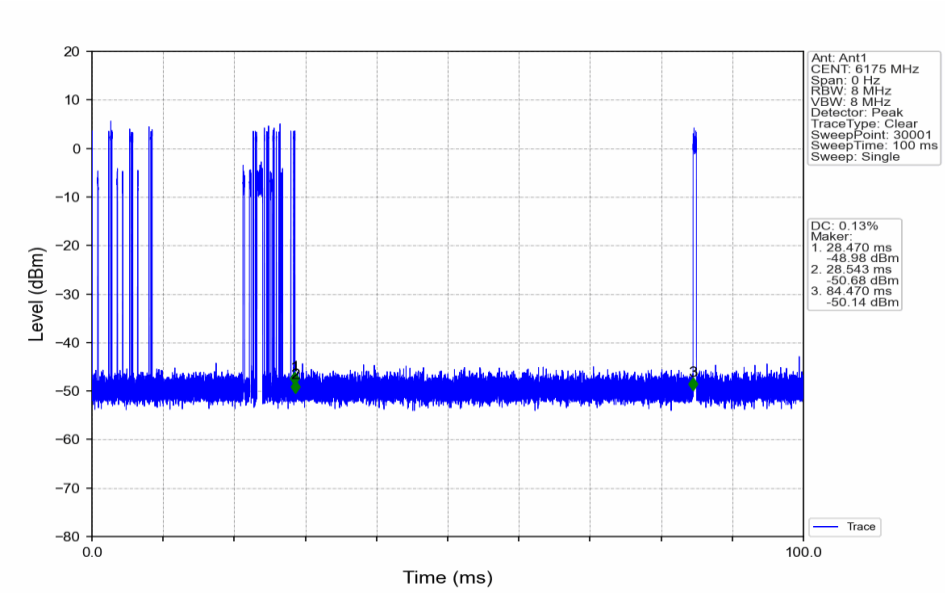
1.1 DC_Ant1

1.1.1 Test Result

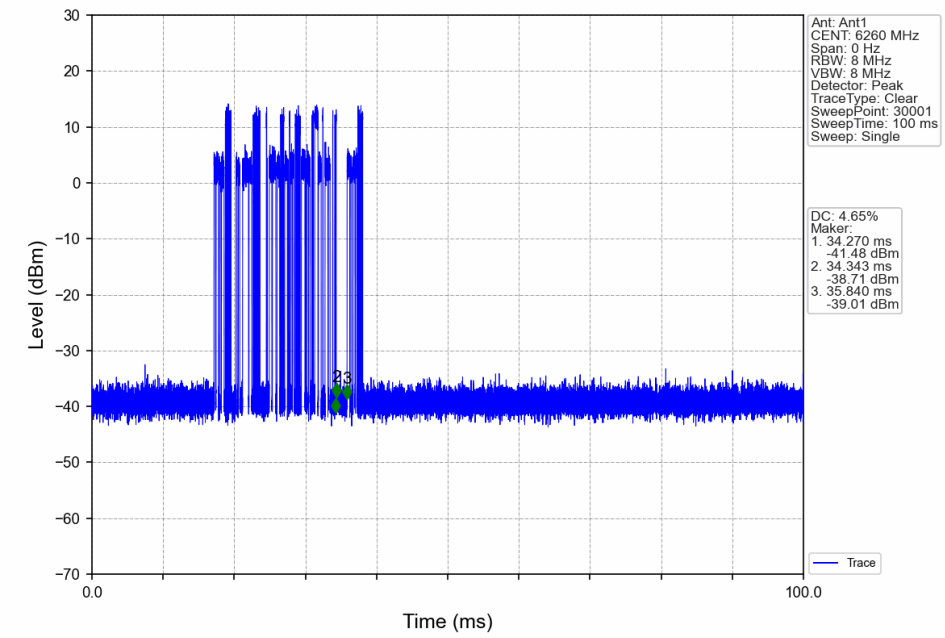
Ant1_NTNV									
Mode	TX Type	Freq (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11ax (HEW20)	SISO	6175	RU242	Left	0.073	56.000	0.13	28.85	78.81
802.11ax (HEW160)	SISO	6185	2xRU996	Left	0.073	1.570	4.65	13.33	90.69

1.1.2 Test Graph

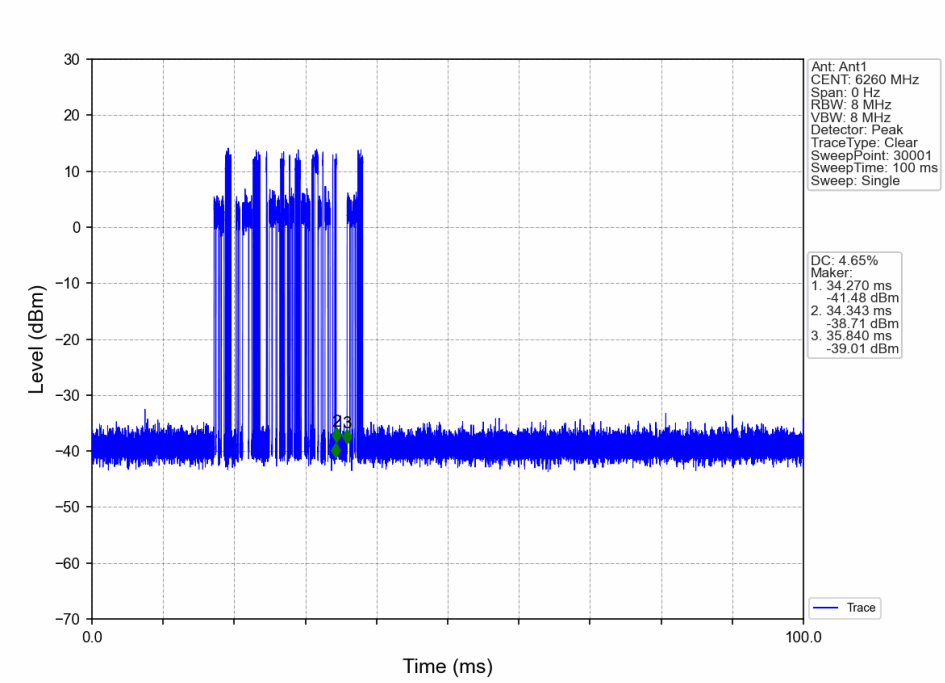
802.11ax(HEW20)_LCH_6175MHz_RU242_Left_Ant1_NTNV



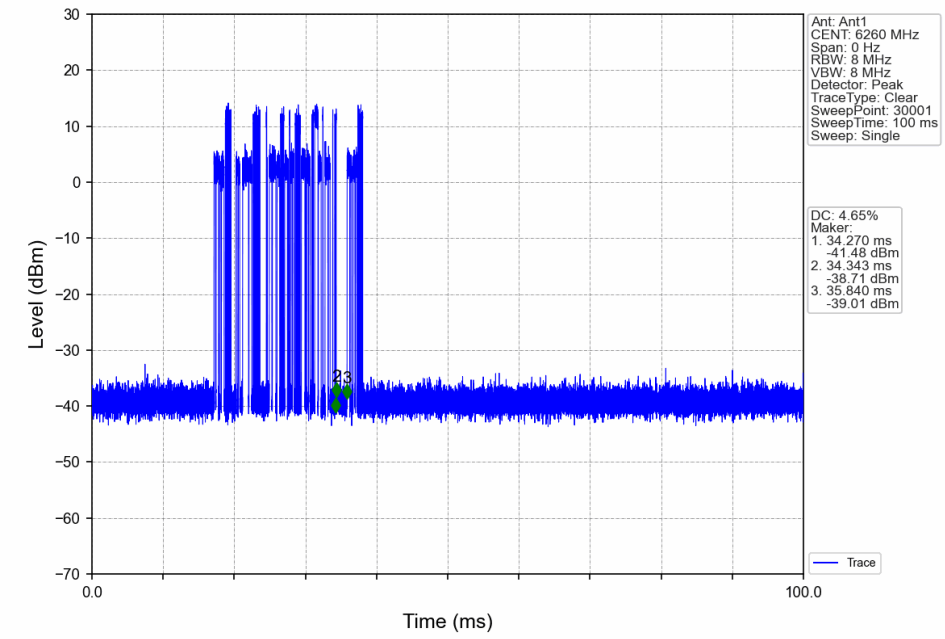
802.11ax(HEW160)_LCH_6185MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_LCH_6185MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_LCH_6185MHz_2xRU996_Left_Ant1_NTNV



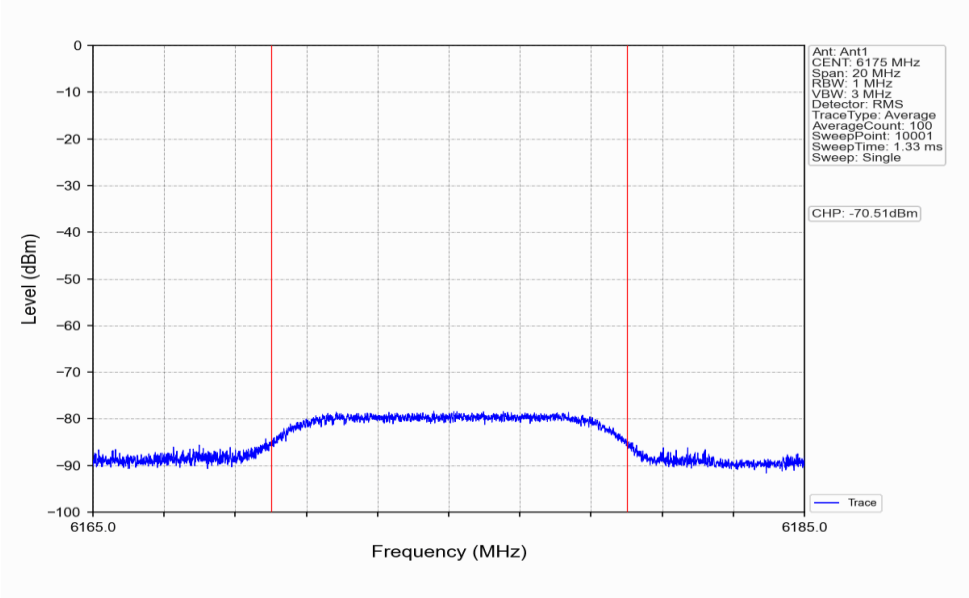
1.2 CBP_Ant1

1.2.1 Test Result

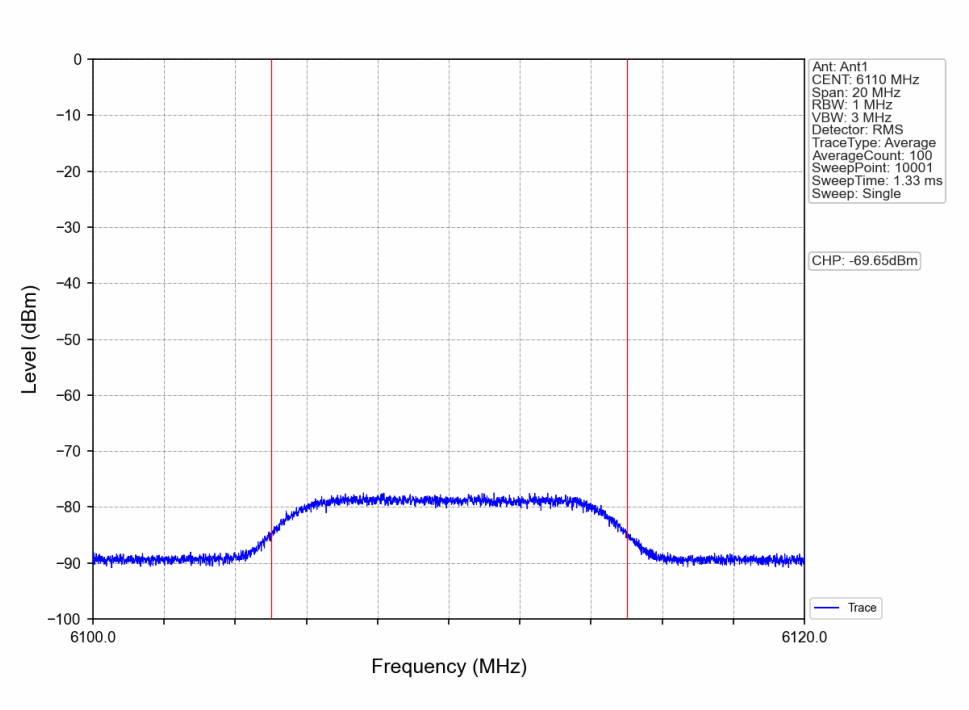
Ant1_NTNV								
Mode	TX Type	Freq (MHz)	RU	RU Pos	Incumbent Frequency (MHz)	Detected Level (dBm)		Verdict
						Result	Limit	
802.11ax (HEW20)	SISO	6175	RU242	Left	6175.000	-70.51	<=-62	Pass
802.11ax (HEW160)	SISO	6185	2xRU996	Left	6110.000	-69.65	<=-62	Pass
					6185.000	-63.16	<=-62	Pass
					6260.000	-71.30	<=-62	Pass

1.2.2 Test Graph

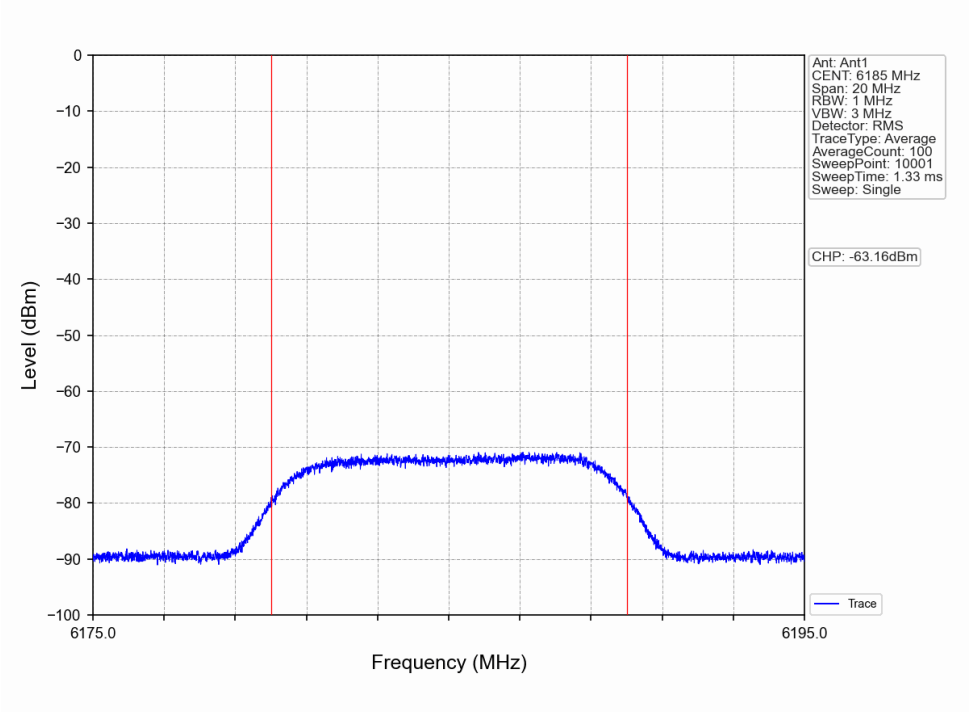
802.11ax(HEW20)_LCH_6175MHz_RU242_Left_Ant1_NTNV



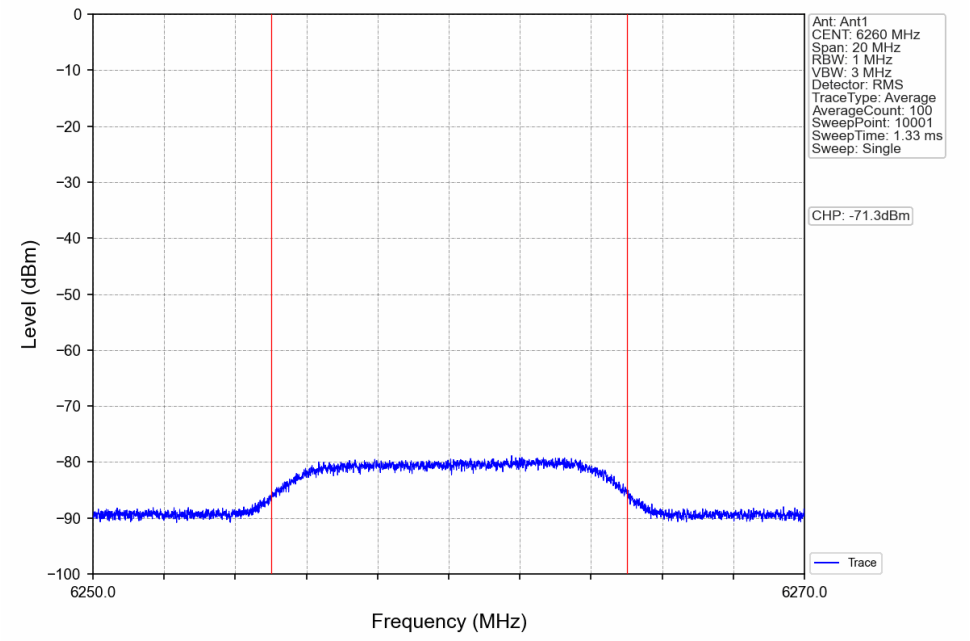
802.11ax(HEW160)_LCH_6185MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_LCH_6185MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_LCH_6185MHz_2xRU996_Left_Ant1_NTNV



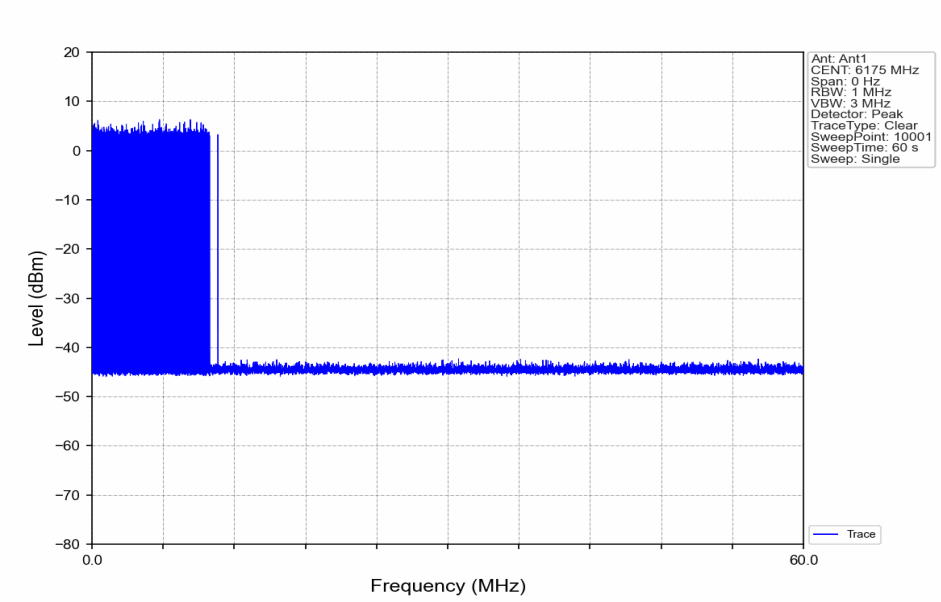
1.3 Data_Ant1

1.3.1 Test Result

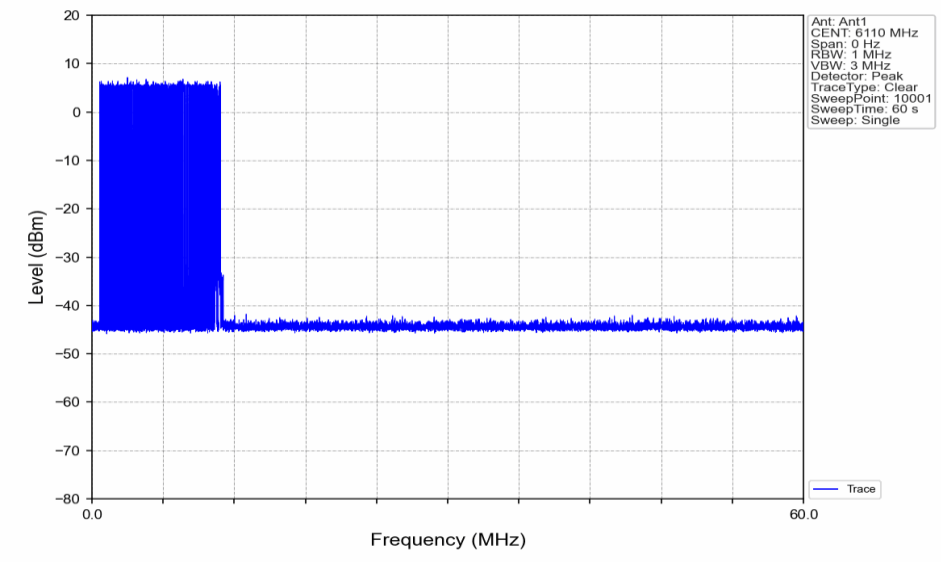
Ant1_NTNV																		
Mode	TX Type	Freq (MHz)	RU	RU Pos	Incumbent Freq (MHz)	1	2	3	4	5	6	7	8	9	10	Detected Probability (%)		Verdict
																Result	Limit	
802.11ax (HEW20)	SISO	6175	RU242	Left	6175.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
802.11ax (HEW160)	SISO	6185	2xRU996	Left	6110.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
					6185.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
					6260.000	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	100	>=90	Pass
Note1: CBP Detection Trials (Y=Detection, N=No Detection)																		

1.3.2 Test Graph

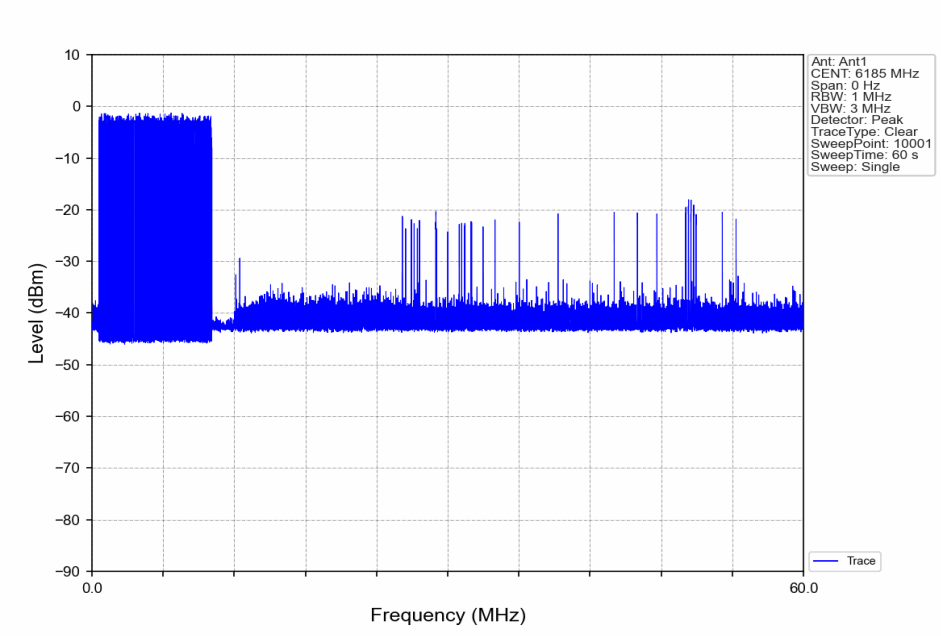
802.11ax(HEW20)_LCH_6175MHz_RU242_Left_Ant1_NTNV



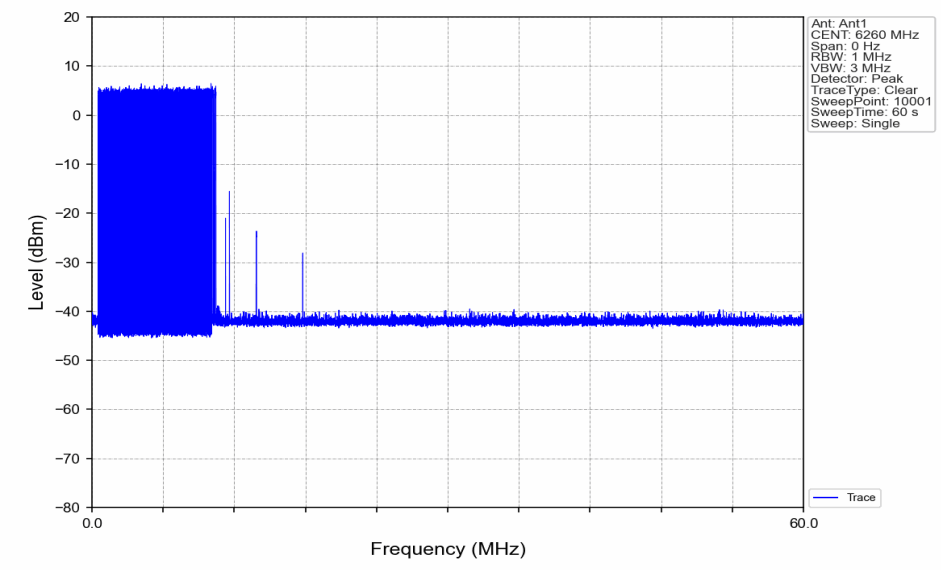
802.11ax(HEW160)_LCH_6185MHz_2xRU996_Left_Ant1_NTNV



802.11ax(HEW160)_LCH_6185MHz_2xRU996_Left_Ant1_NTNV



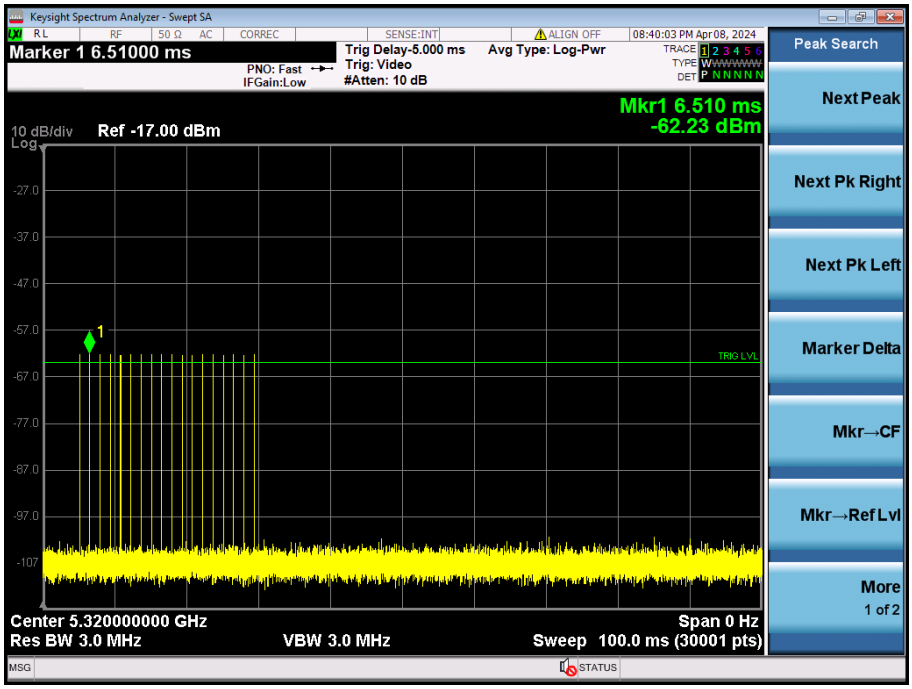
802.11ax(HEW160)_LCH_6185MHz_2xRU996_Left_Ant1_NTNV



2. DFS

(DFS: Non-occupancy period; Channel Move Time; Channel Closing Transmission Time)
Note: All antennas type has been tested and we found the antenna 1 has the worst result.
Only record the worst test result.

Test plots as follows:
Radar Waveform Calibration Result
Radar Type 0

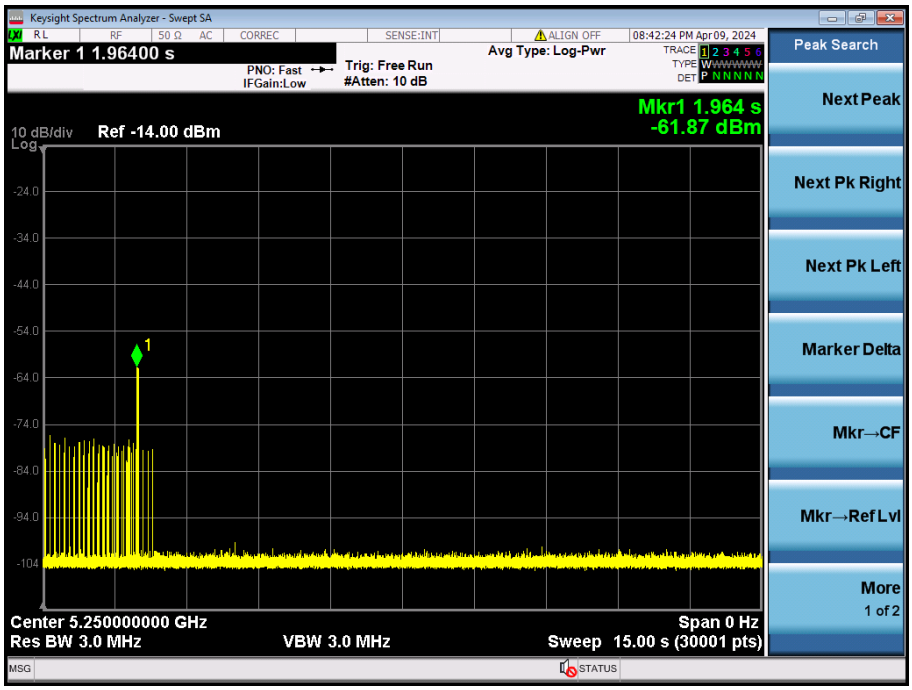


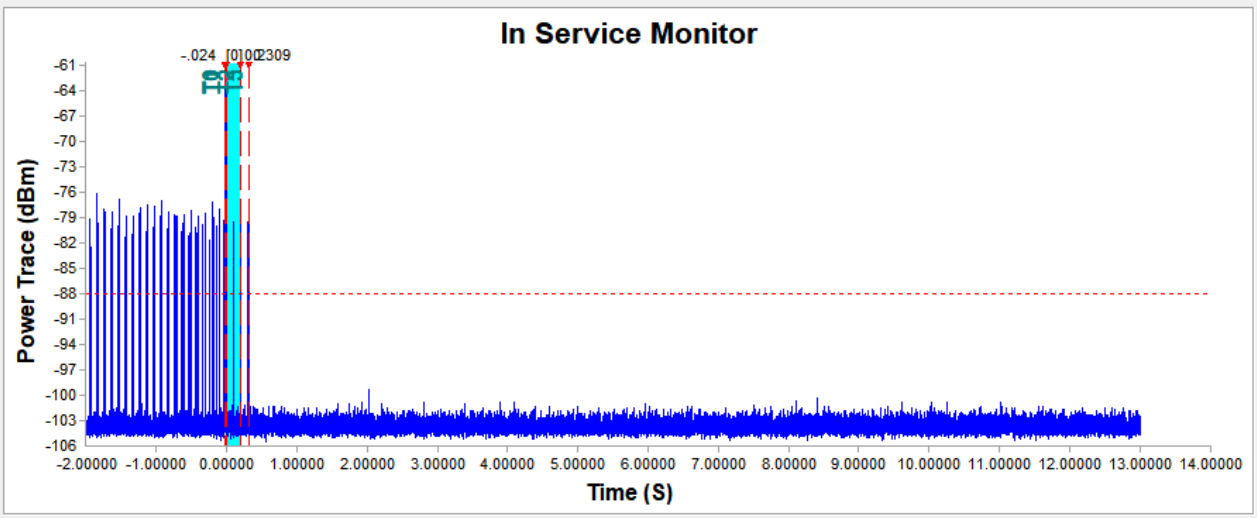
Test Data:

BW/Channel	Test Item	Test data	Limit	Results
160MHz/ 5250MHz	Non-occupancy period	Refer to test plots	>30 min	pass
	Channel Move Time	0.3089s	＜10 s	Pass
	Channel Closing Transmission Time	0.0019s	＜60ms	Pass

BW/Channel	Test Item	Test data	Limit	Results
160MHz/ 5570MHz	Non-occupancy period	Refer to test plots	>30 min	pass
	Channel Move Time	1.0279s	＜10 s	Pass
	Channel Closing Transmission Time	0.0189s	＜60ms	Pass

Test plots as follows(5250MHz):





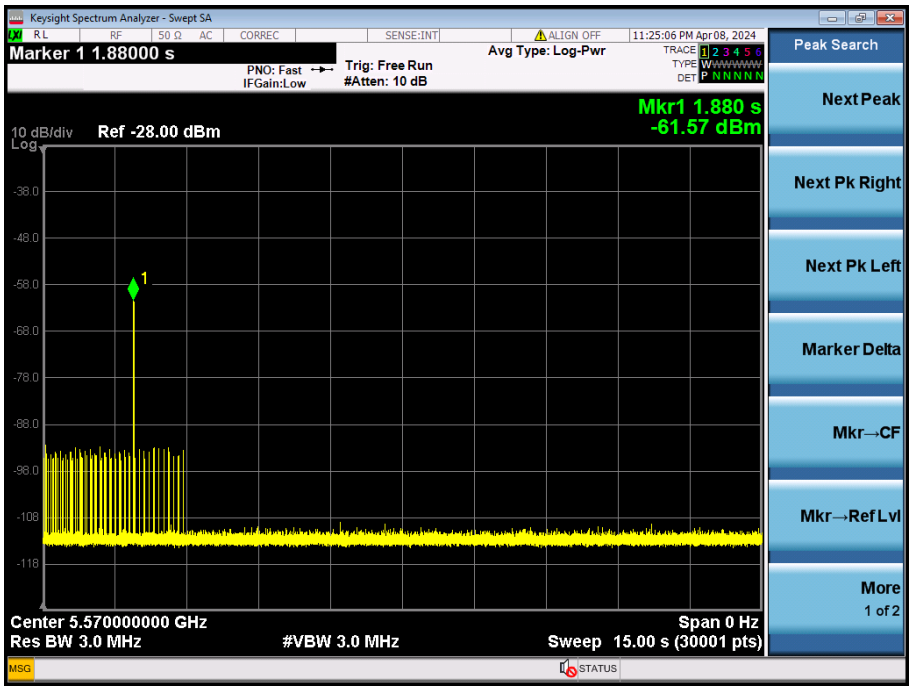
Time Index Info

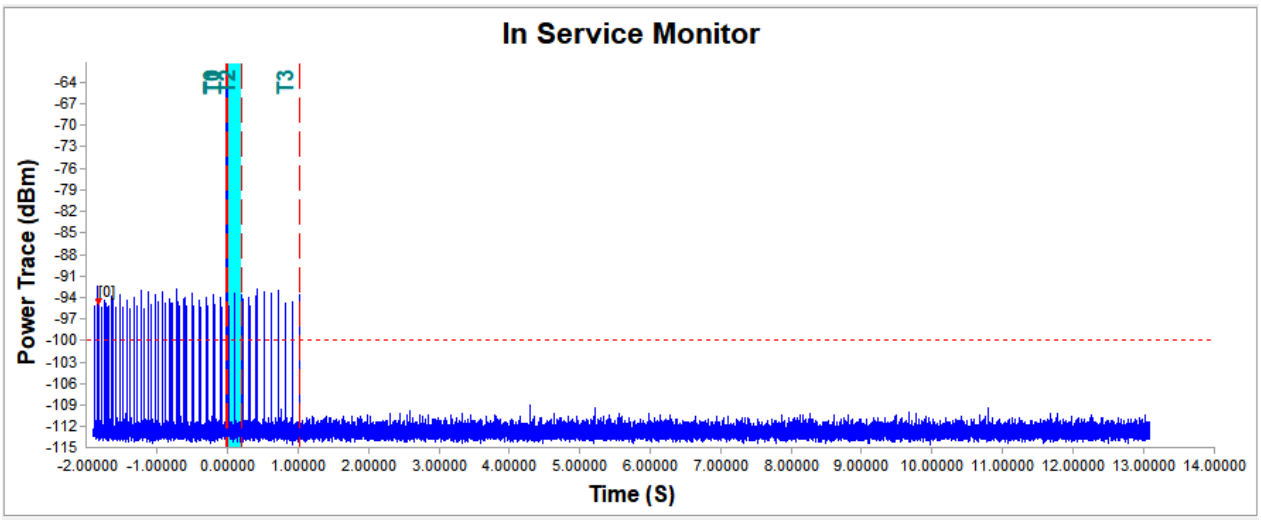
T0 : -0.0240 S (Radar Injection Start)
T1 : 0.0000 S (Radar Injection Stop)
T2 : 0.2000 S (200msec Interval)
T3 : 0.3090 S (Channel Move Time)

Time Per Bin:0.4999833
T2~T3 Bins Over Threshold:
= 4 Bins

Channel Move Time: 0.3089897 S
Channel Close Time: 0.0019999 S

Test plots as follows(5570MHz):





Time Index Info

T0 : -0.0240 S (Radar Injection Start)
T1 : 0.0000 S (Radar Injection Stop)
T2 : 0.2000 S (200msec Interval)
T3 : 1.0280 S (Channel Move Time)

Time Per Bin:0.4999833
T2~T3 Bins Over Threshold:
= 38 Bins

Channel Move Time: 1.0279657 S
Channel Close Time: 0.0189994 S

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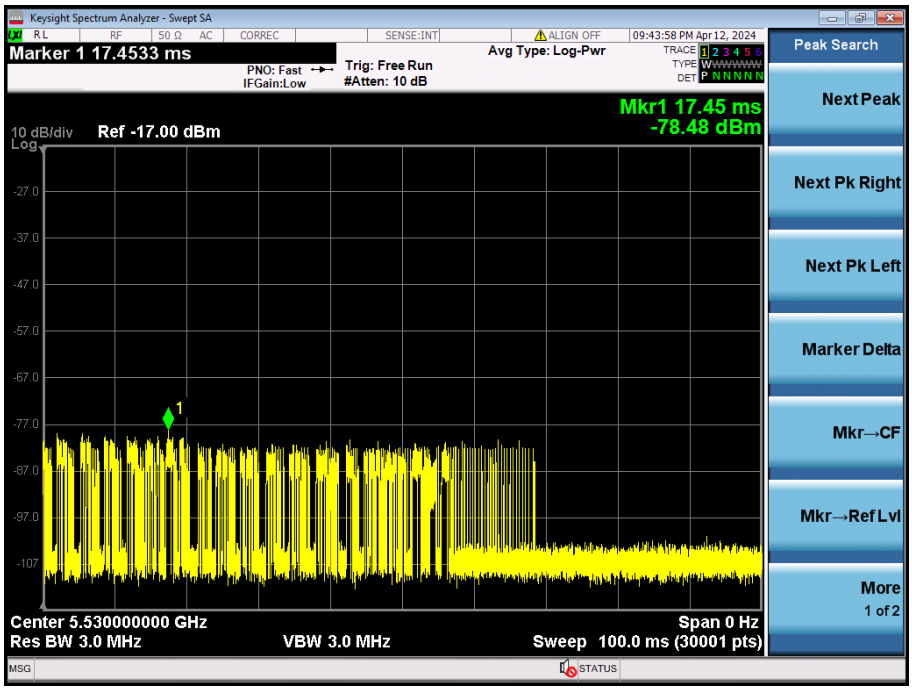
Duty Cycle:



- End of the Report -

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