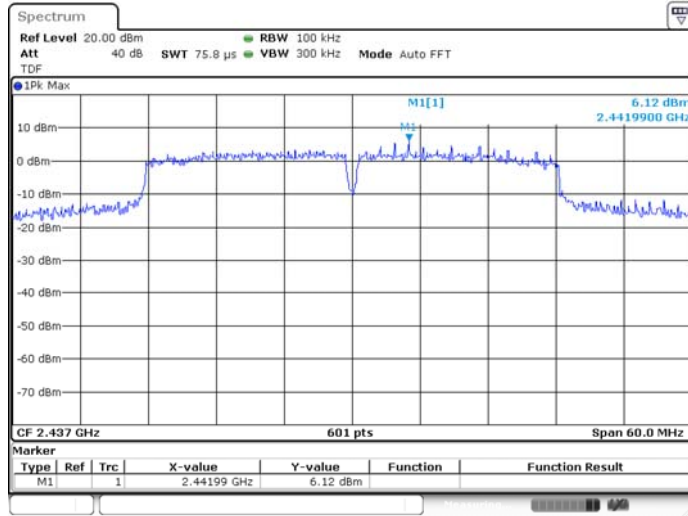
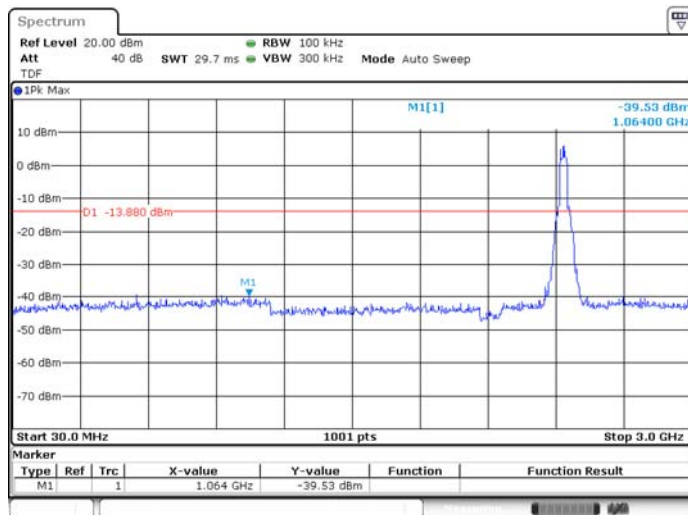


802.11n-40 MIDDLE CHANNEL CARRIER LEVEL



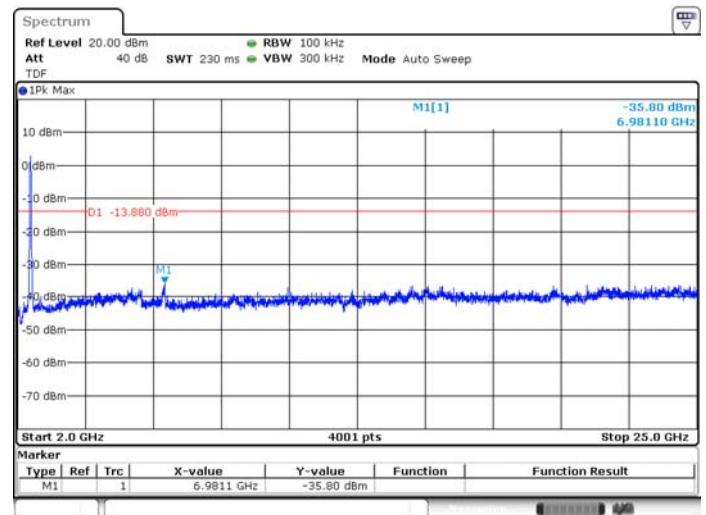
Date: 27 SEP 2020 18:54:50

802.11n-40 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



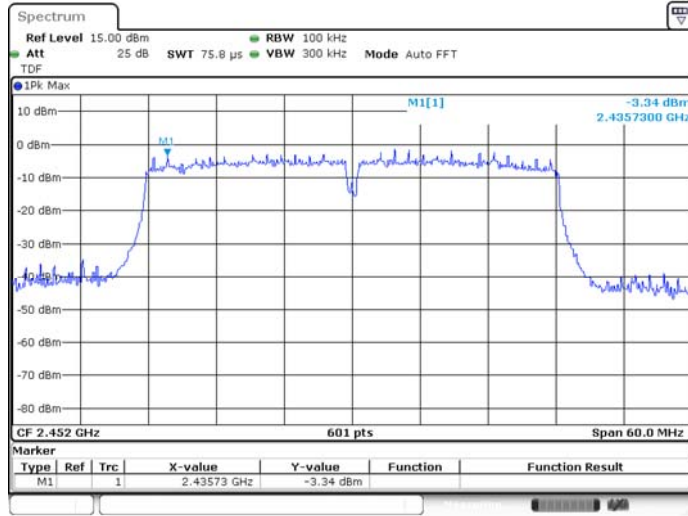
Date: 27 SEP 2020 18:55:10

802.11n-40 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



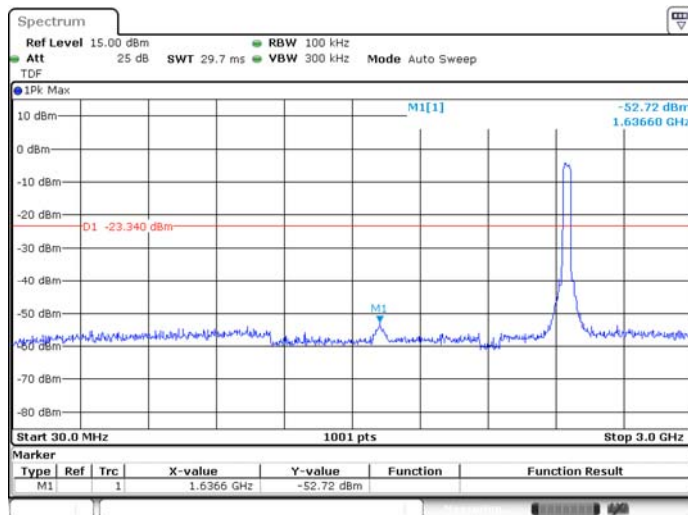
Date: 27 SEP 2020 18:55:18

802.11n-40 HIGH CHANNEL CARRIER LEVEL



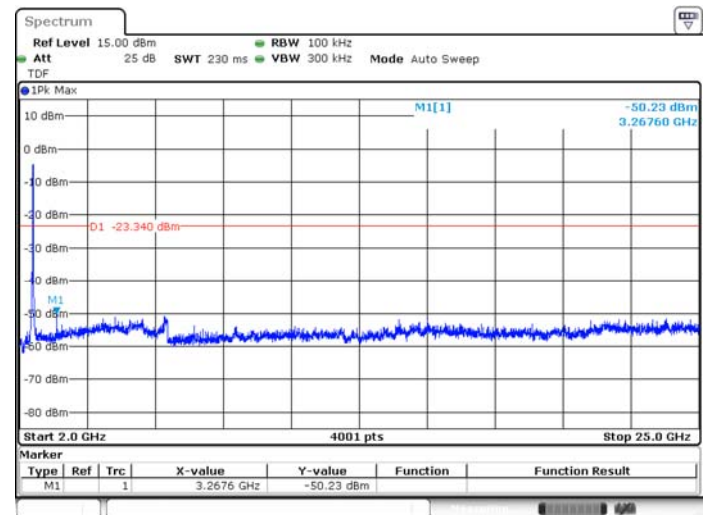
Date: 26 SEP 2020 12:00:35

802.11n-40 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



Date: 26 SEP 2020 12:00:53

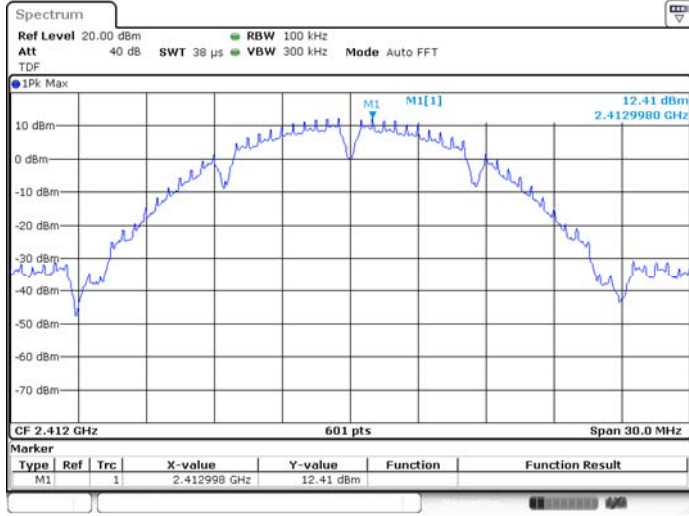
802.11n-40 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



Date: 26 SEP 2020 12:01:03

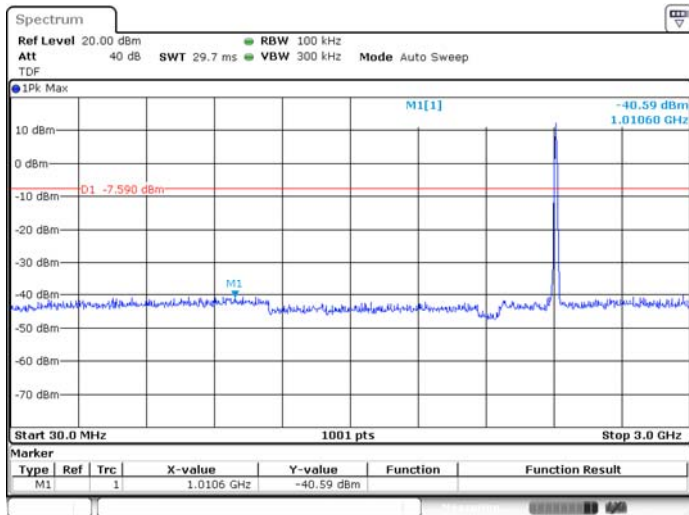
Aux. Antenna

802.11b LOW CHANNEL CARRIER LEVEL



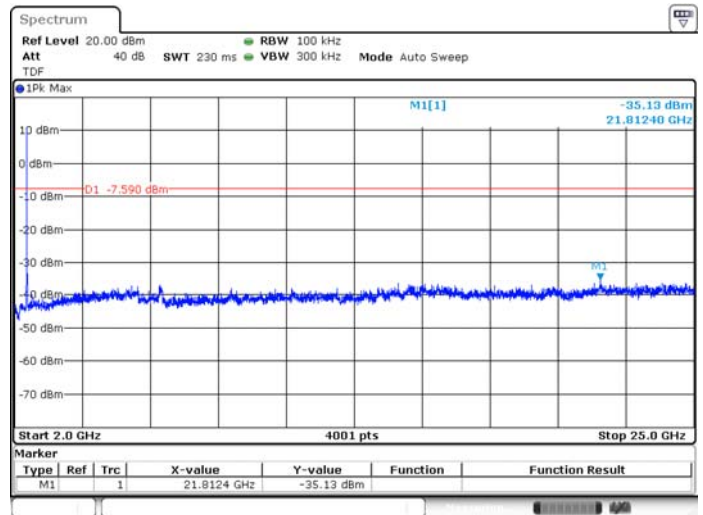
Date: 26 SEP 2020 10:23:48

802.11b LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



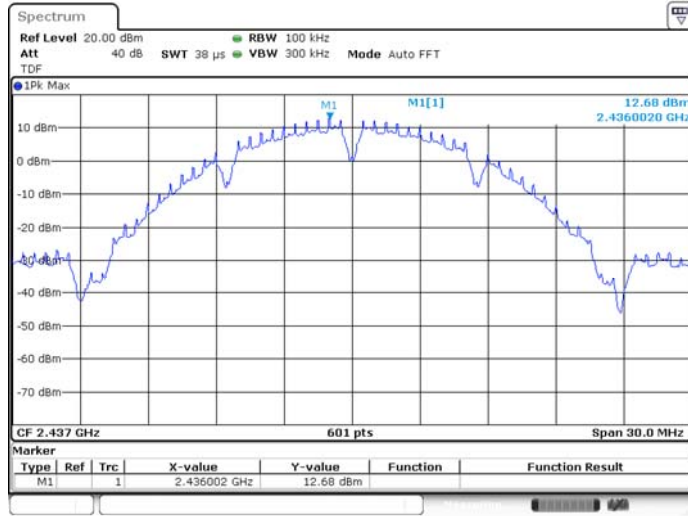
Date: 26 SEP 2020 10:24:10

802.11b LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



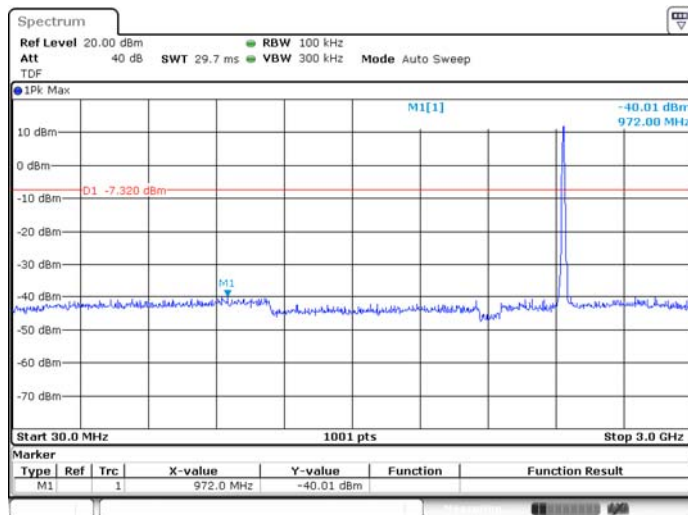
Date: 26 SEP 2020 10:24:21

802.11b MIDDLE CHANNEL CARRIER LEVEL



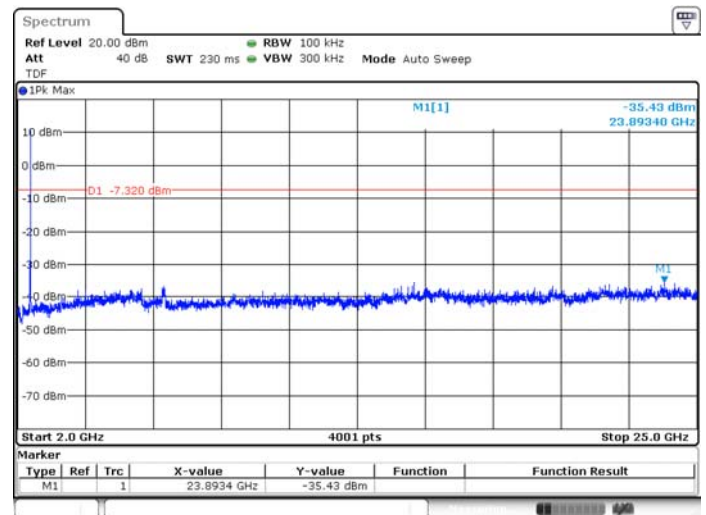
Date: 27 SEP 2020 19:06:28

802.11b MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



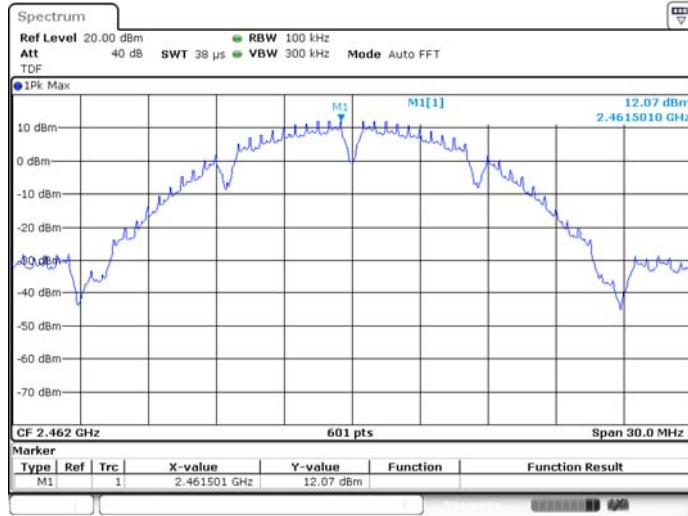
Date: 27 SEP 2020 19:06:44

802.11b MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



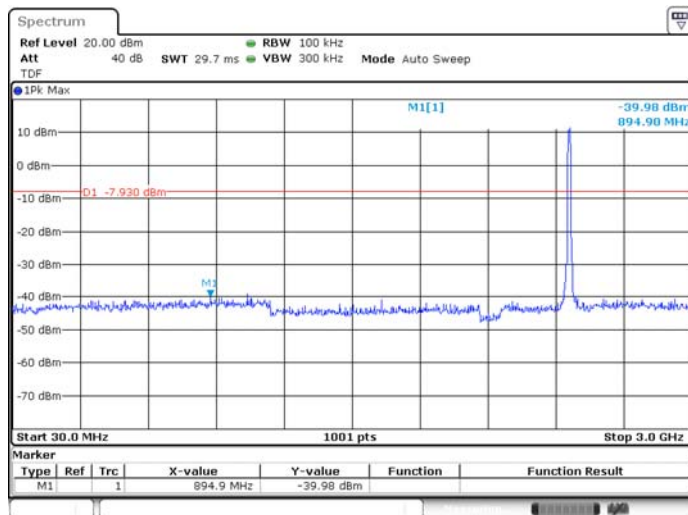
Date: 27 SEP 2020 19:06:52

802.11b HIGH CHANNEL CARRIER LEVEL



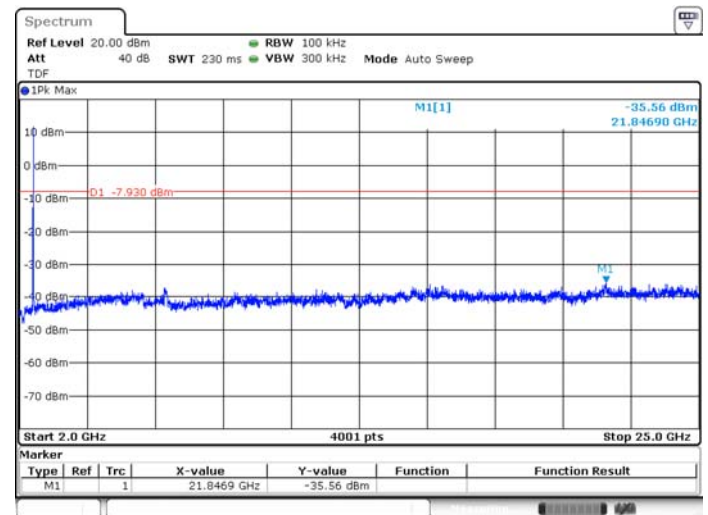
Date: 27 SEP 2020 19:07:21

802.11b HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



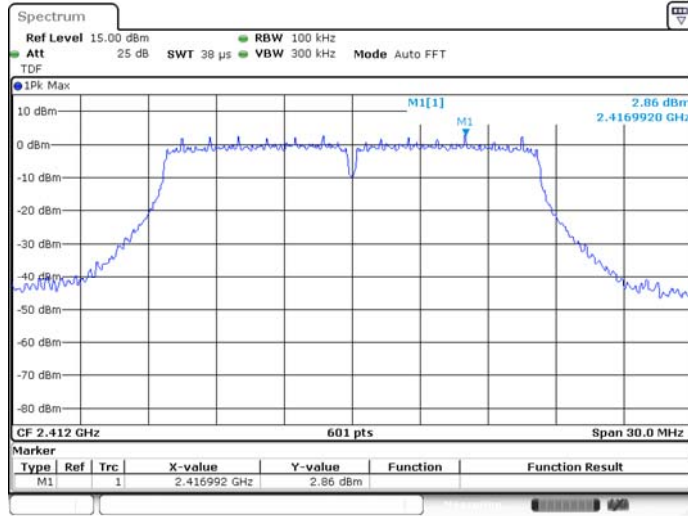
Date: 27 SEP 2020 19:07:40

802.11b HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



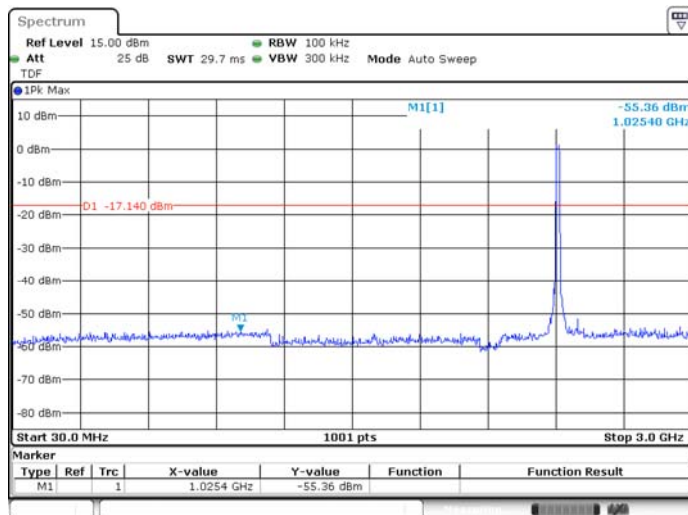
Date: 27 SEP 2020 19:08:09

802.11g LOW CHANNEL CARRIER LEVEL



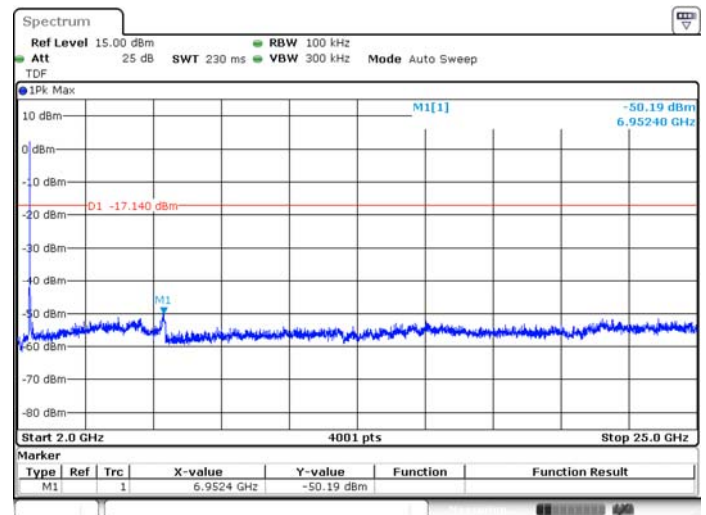
Date: 26 SEP 2020 10:26:32

802.11g LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



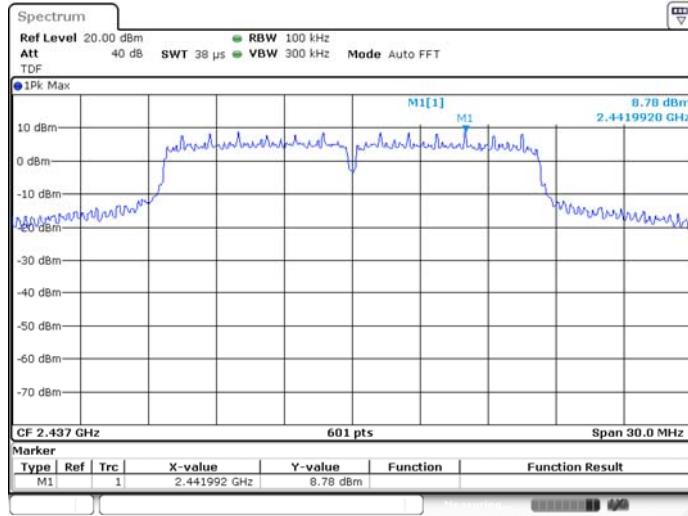
Date: 26 SEP 2020 10:26:51

802.11g LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

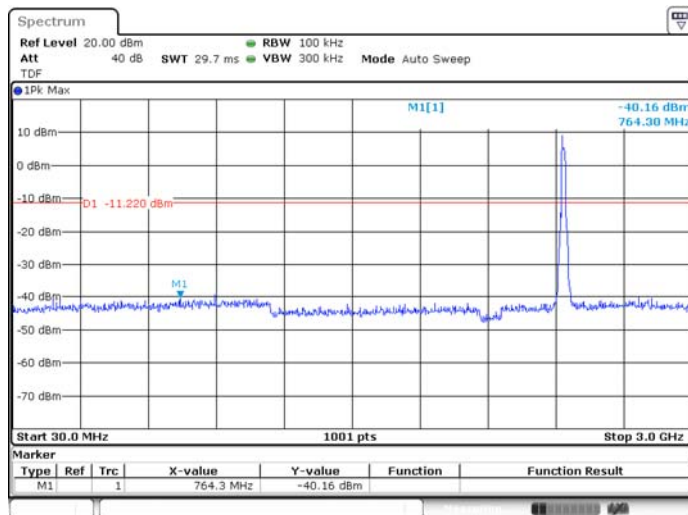


Date: 26 SEP 2020 10:27:16

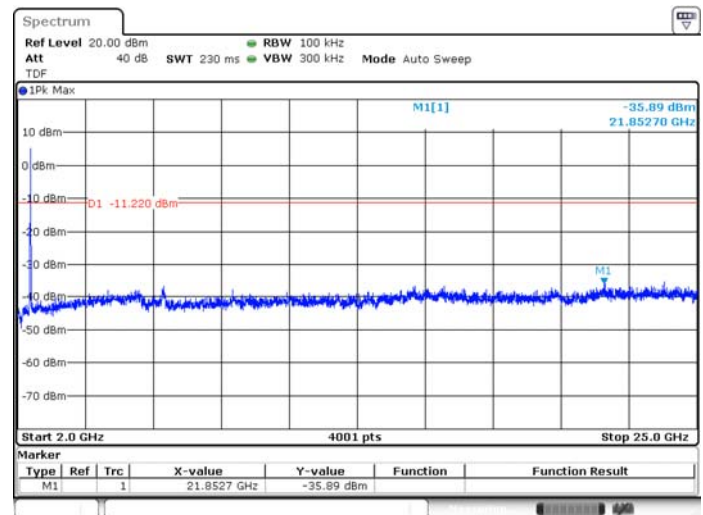
802.11g MIDDLE CHANNEL CARRIER LEVEL



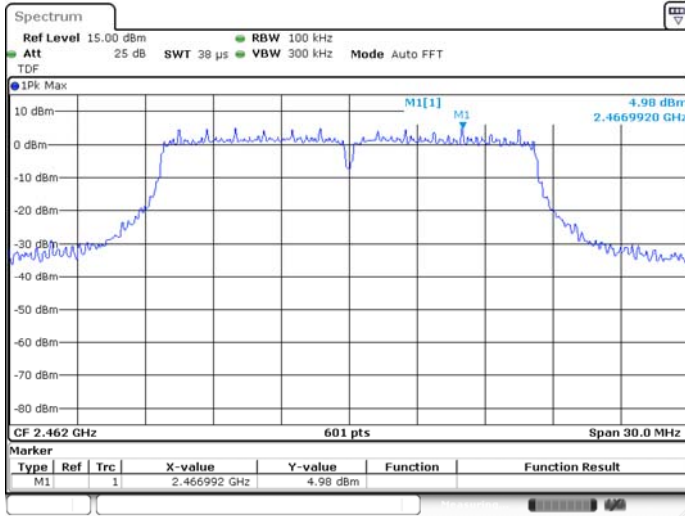
802.11g MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11g MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

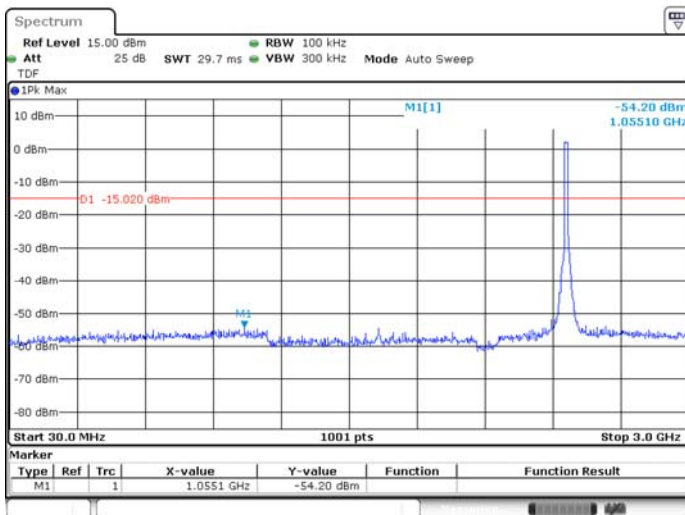


802.11g HIGH CHANNEL CARRIER LEVEL



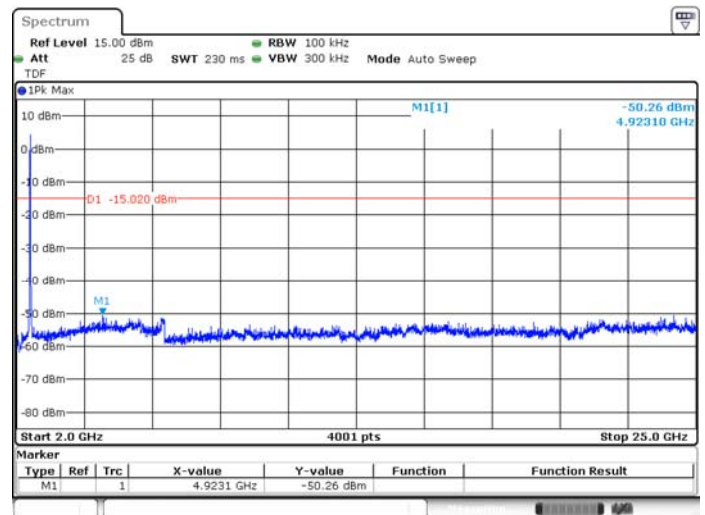
Date: 26 SEP 2020 10:29:18

802.11g HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



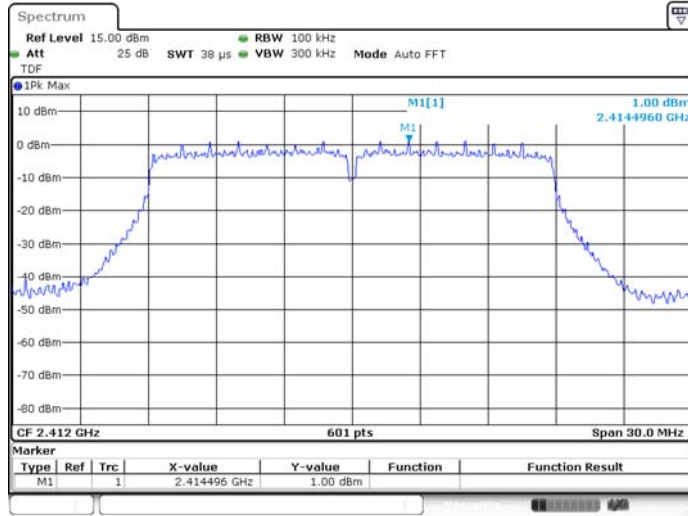
Date: 26 SEP 2020 10:29:35

802.11g HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



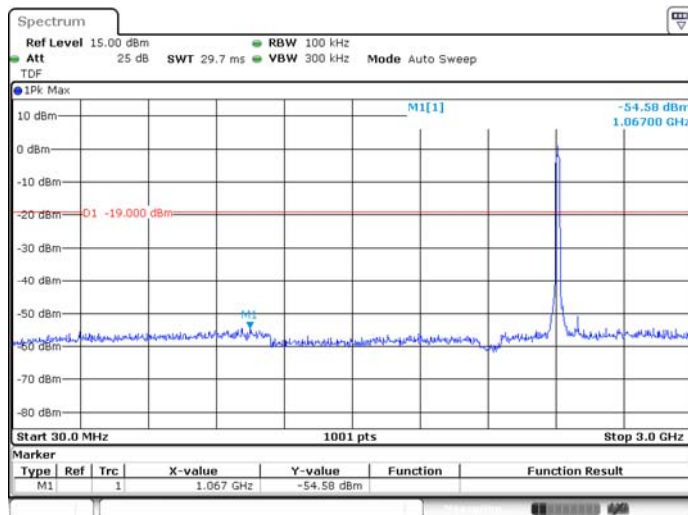
Date: 26 SEP 2020 10:29:51

802.11n-20 LOW CHANNEL CARRIER LEVEL



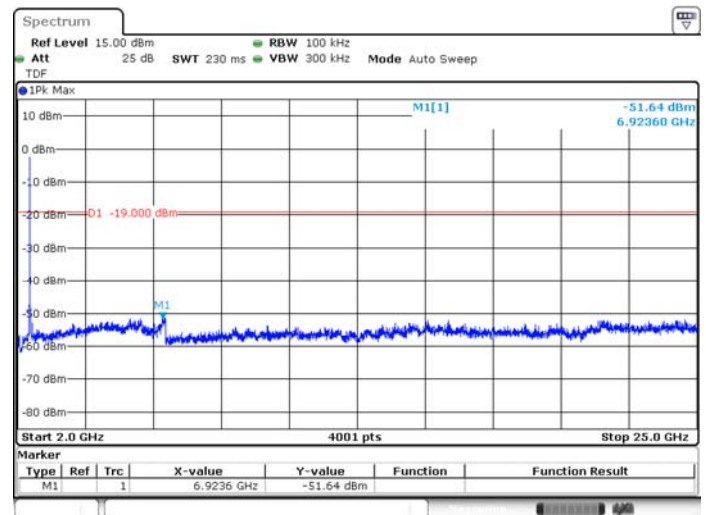
Date: 26 SEP 2020 10:31:37

802.11n-20 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



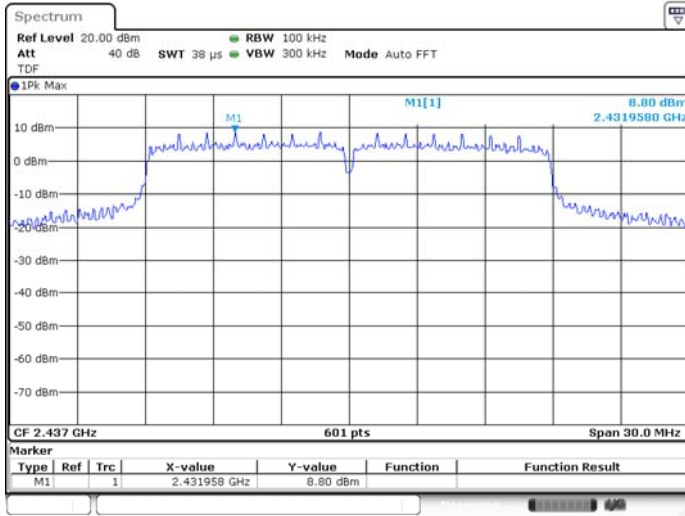
Date: 26 SEP 2020 10:31:52

802.11n-20 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



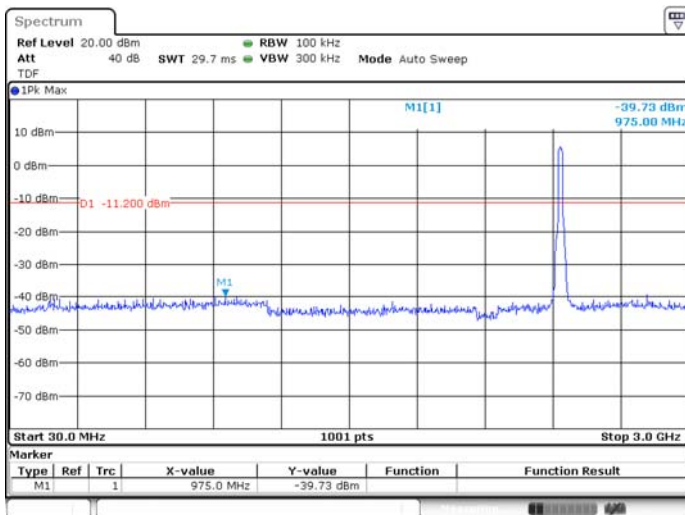
Date: 26 SEP 2020 10:32:01

802.11n-20 MIDDLE CHANNEL CARRIER LEVEL



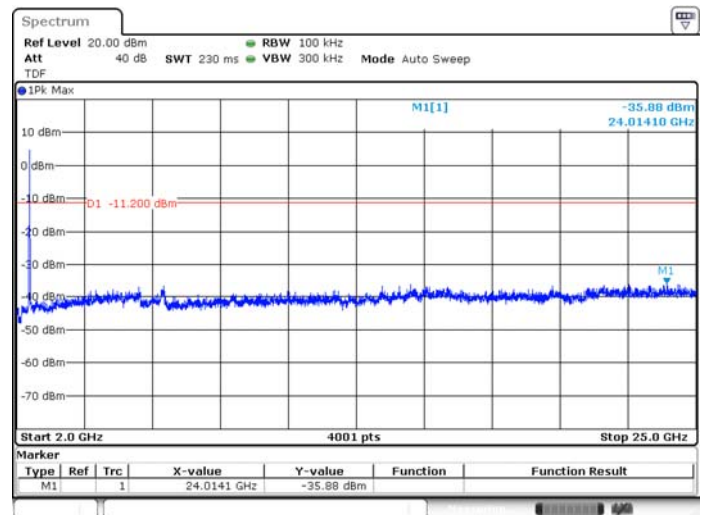
Date: 27 SEP 2020 19:09:56

802.11n-20 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



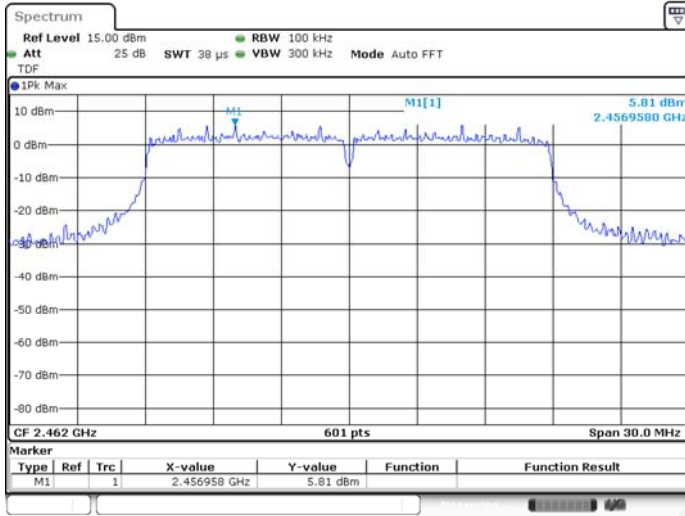
Date: 27 SEP 2020 19:10:10

802.11n-20 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



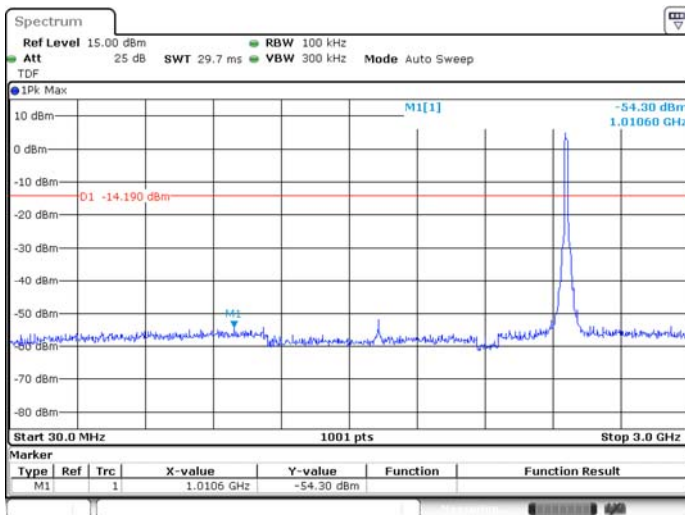
Date: 27 SEP 2020 19:10:20

802.11n-20 HIGH CHANNEL CARRIER LEVEL



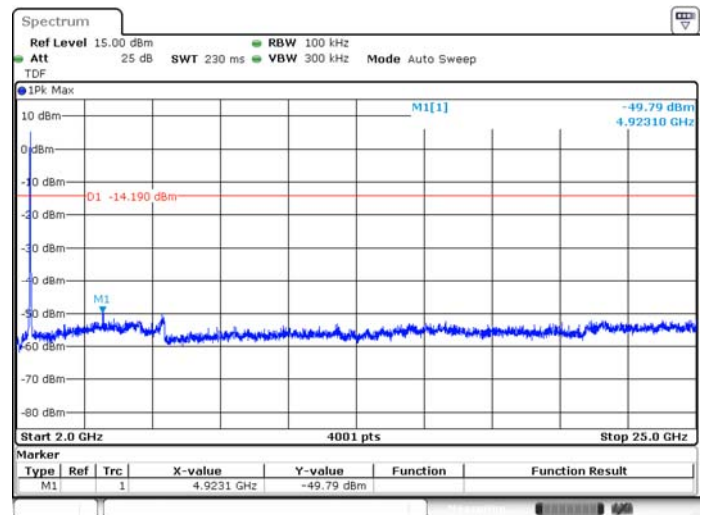
Date: 26 SEP 2020 10:33:49

802.11n-20 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



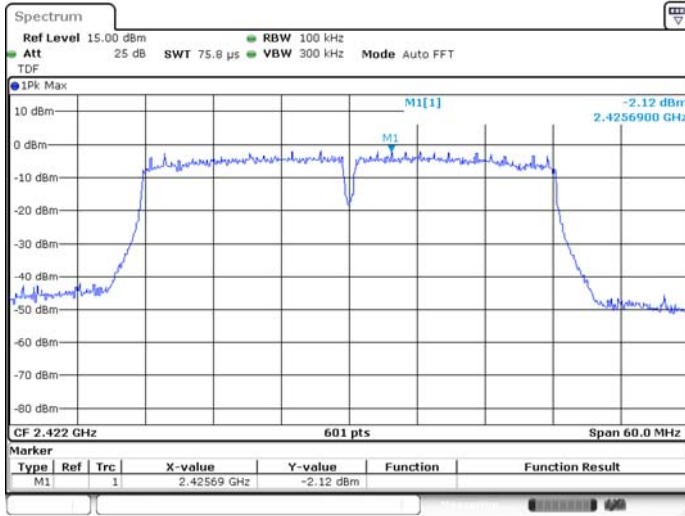
Date: 26 SEP 2020 10:34:08

802.11n-20 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



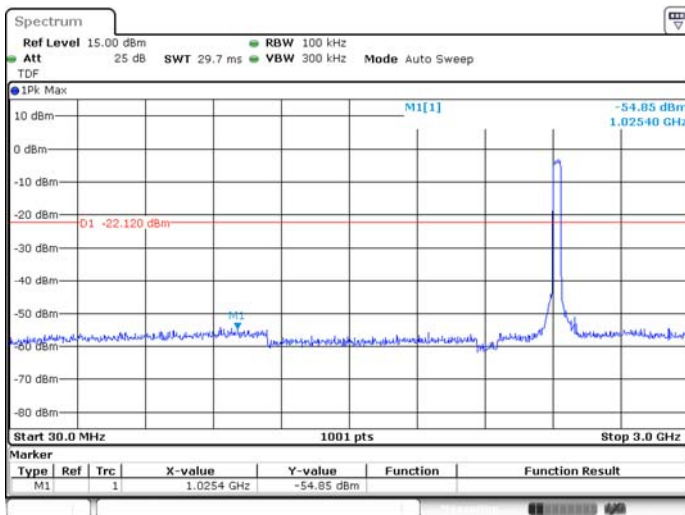
Date: 26 SEP 2020 10:34:18

802.11n-40 LOW CHANNEL CARRIER LEVEL



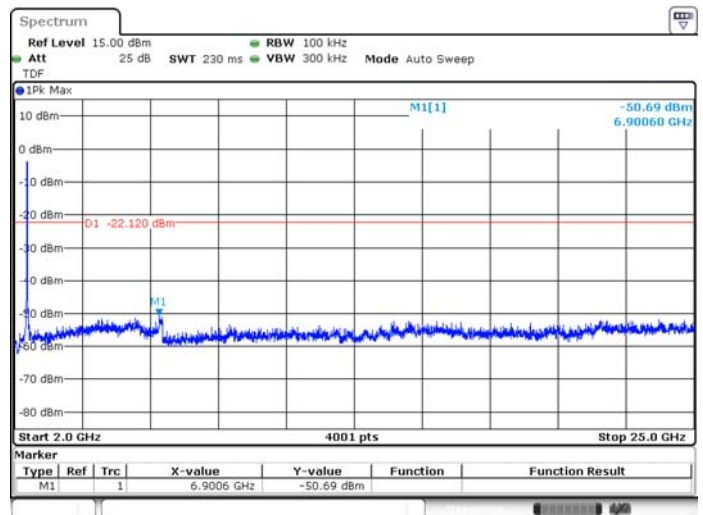
Date: 26 SEP 2020 10:36:17

802.11n-40 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



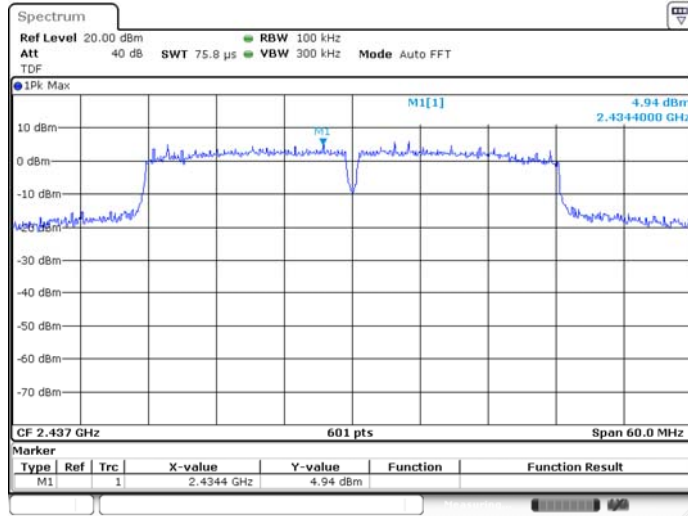
Date: 26 SEP 2020 10:36:34

802.11n-40 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

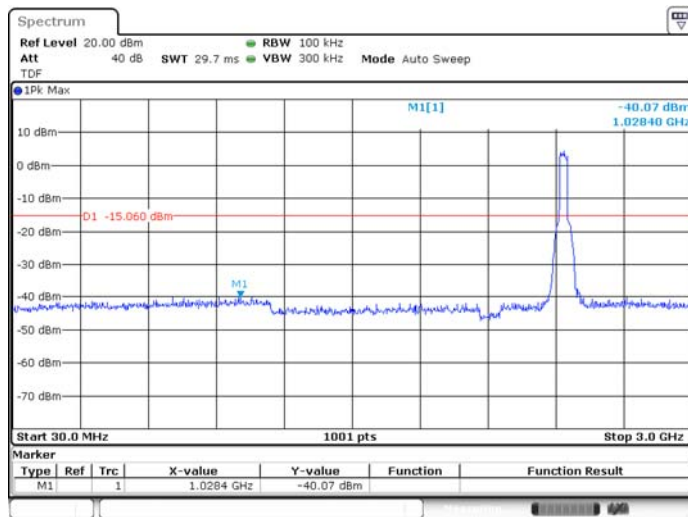


Date: 26 SEP 2020 10:36:42

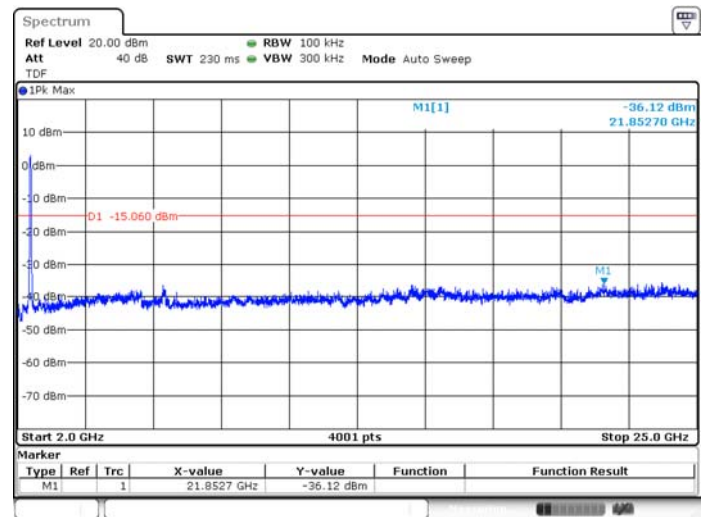
802.11n-40 MIDDLE CHANNEL CARRIER LEVEL



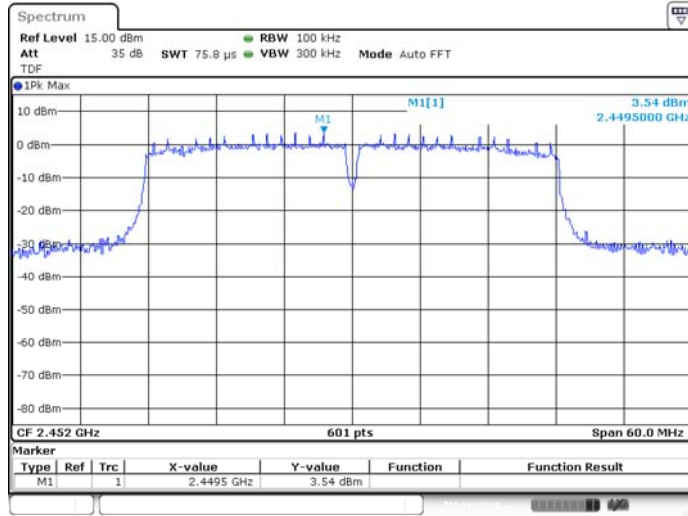
802.11n-40 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11n-40 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

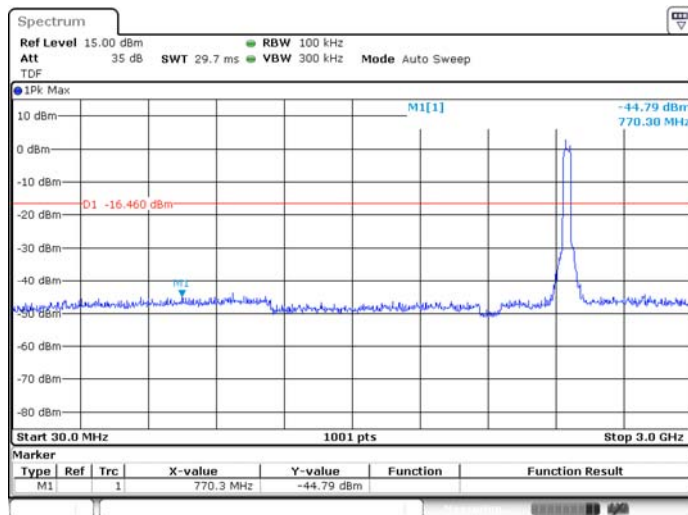


802.11n-40 HIGH CHANNEL CARRIER LEVEL



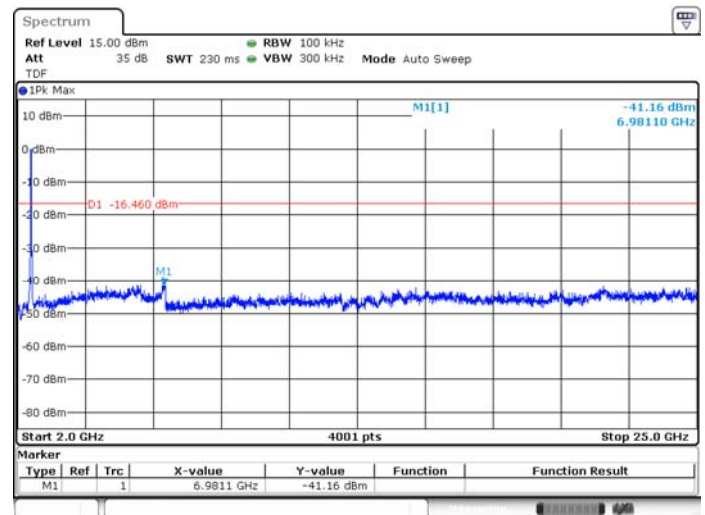
Date: 26 SEP 2020 10:38:41

802.11n-40 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



Date: 26 SEP 2020 10:39:02

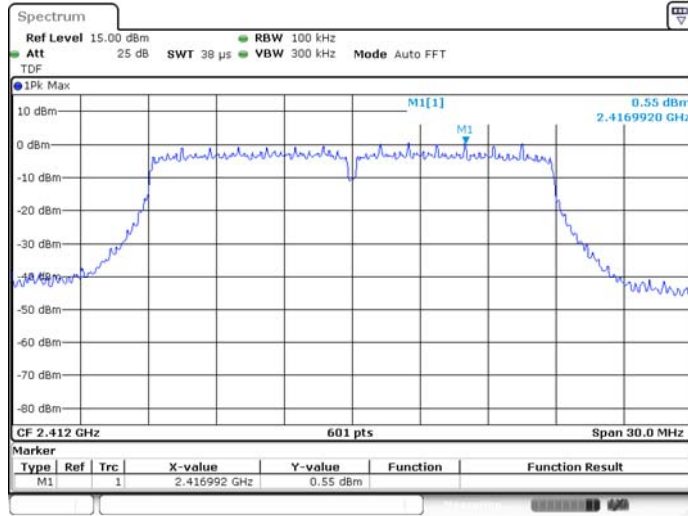
802.11n-40 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



Date: 26 SEP 2020 10:39:14

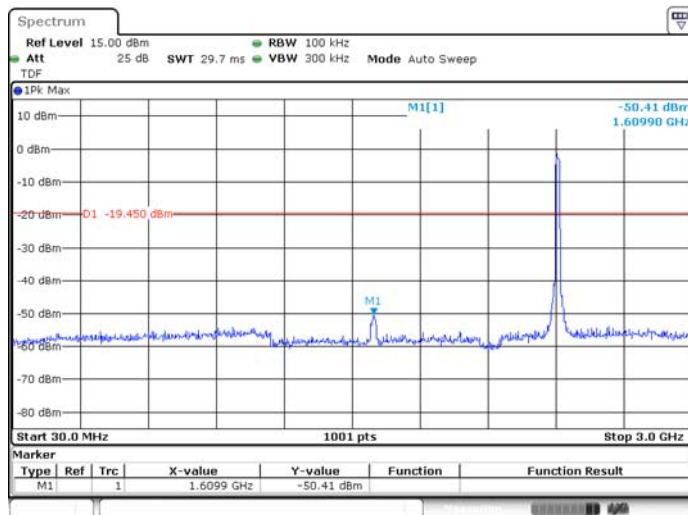
MIMO-Main Antenna

802.11n-20 LOW CHANNEL CARRIER LEVEL



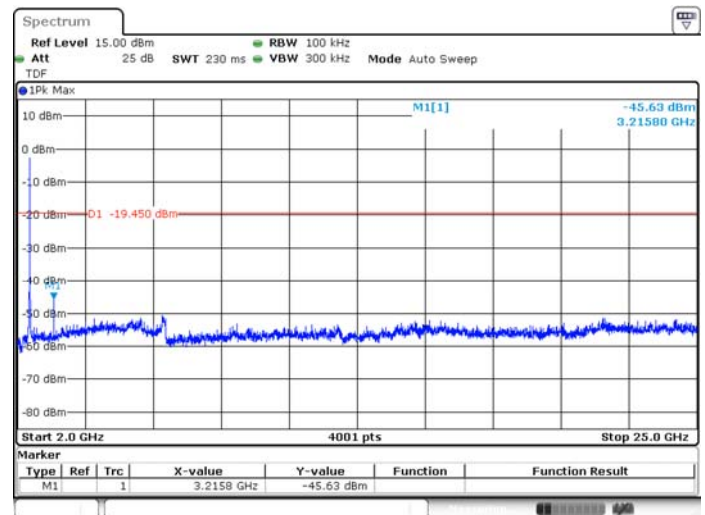
Date: 26 SEP 2020 12 02:56

802.11n-20 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



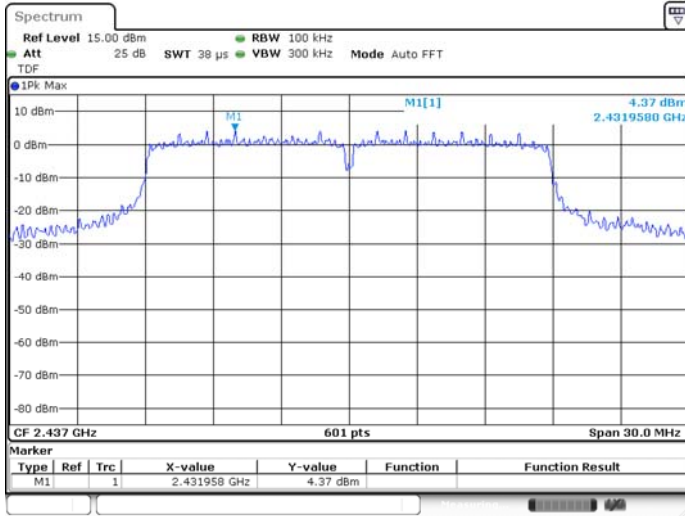
Date: 26 SEP 2020 12 03:14

802.11n-20 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



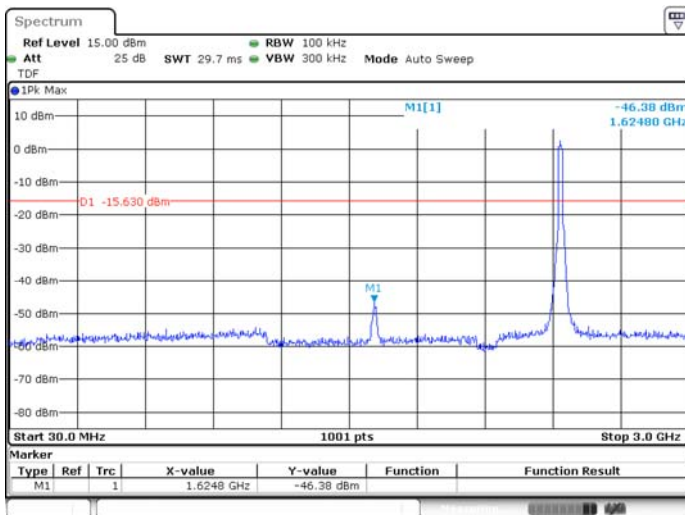
Date: 26 SEP 2020 12 03:23

802.11n-20 MIDDLE CHANNEL CARRIER LEVEL



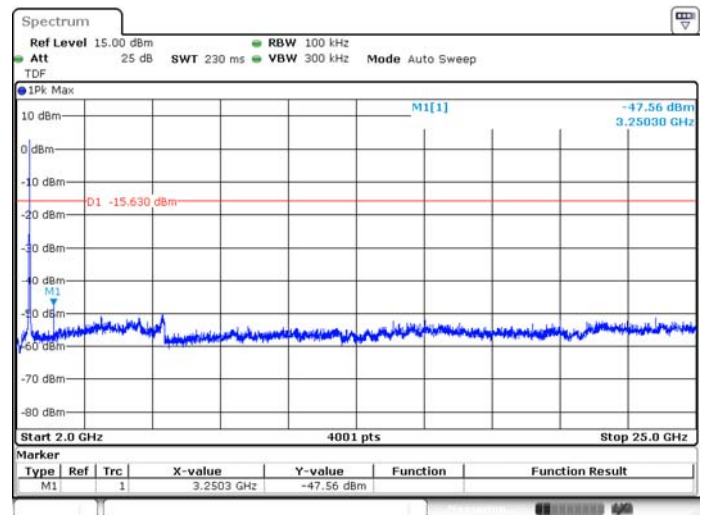
Date: 27 SEP 2020 19:01:27

802.11n-20 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



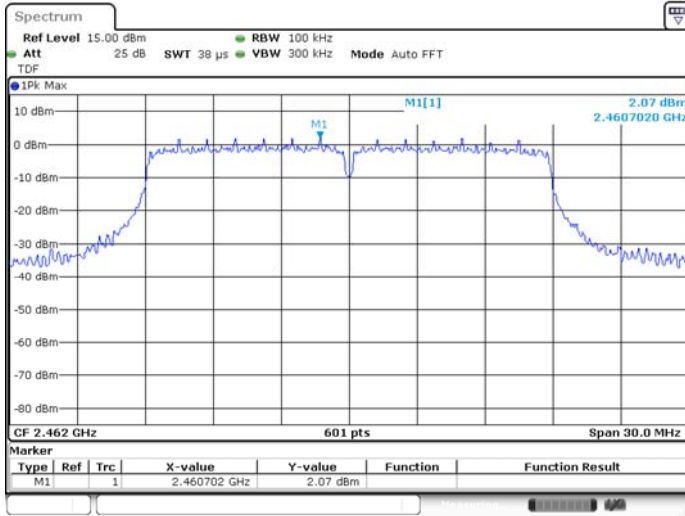
Date: 27 SEP 2020 19:01:53

802.11n-20 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



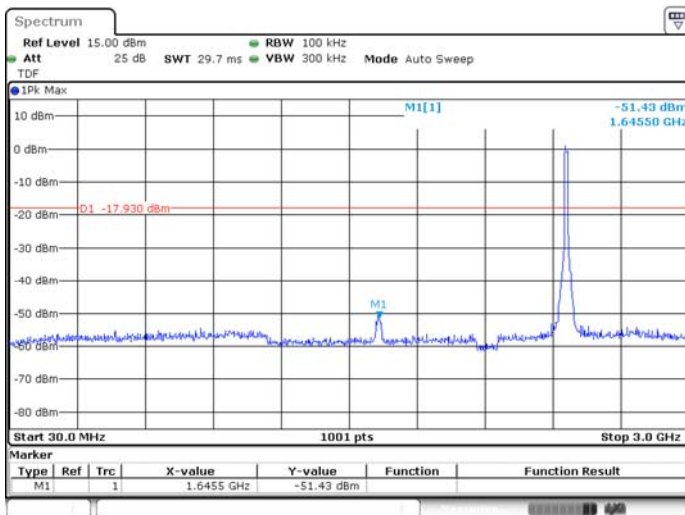
Date: 27 SEP 2020 19:02:02

802.11n-20 HIGH CHANNEL CARRIER LEVEL



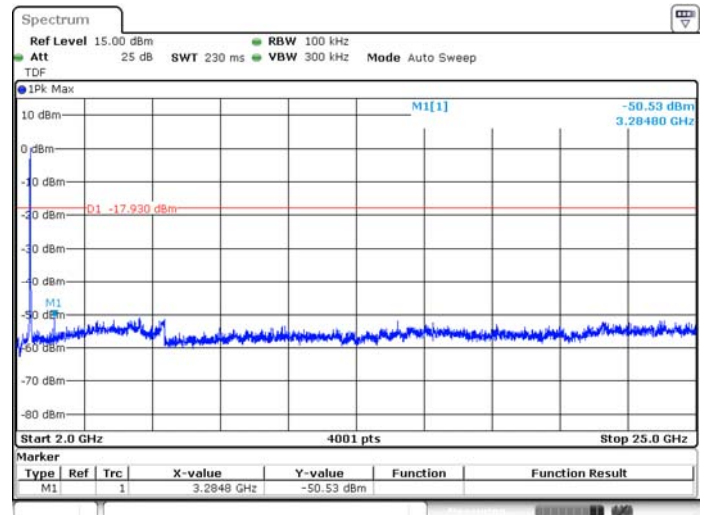
Date: 26 SEP 2020 12:06:12

802.11n-20 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



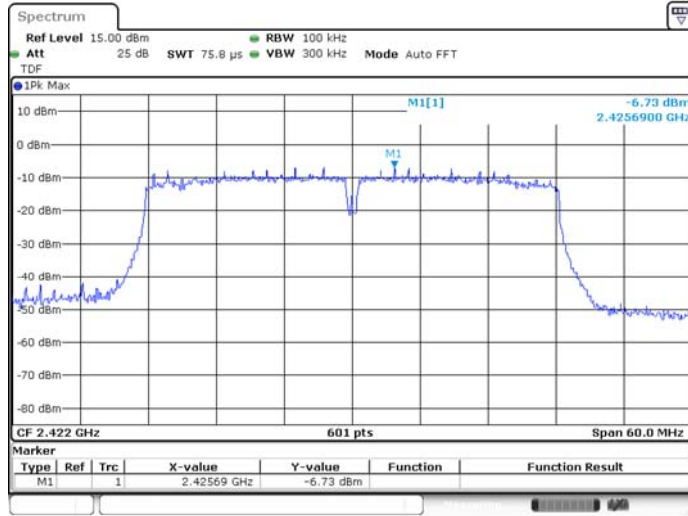
Date: 26 SEP 2020 12:06:29

802.11n-20 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

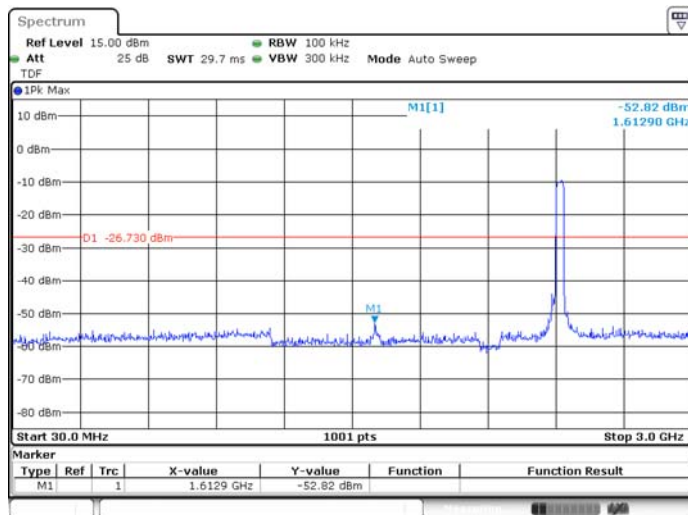


Date: 26 SEP 2020 12:06:37

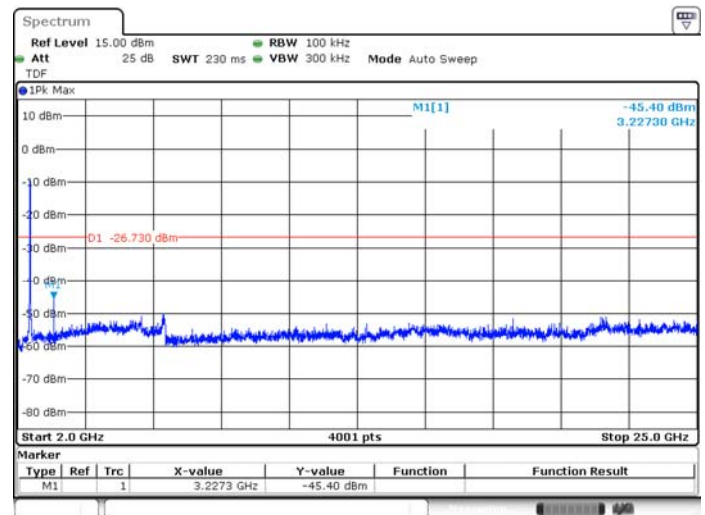
802.11n-40 LOW CHANNEL CARRIER LEVEL



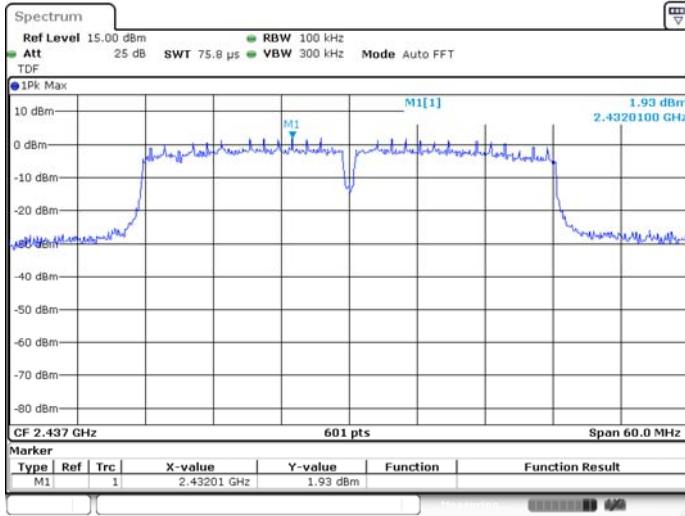
802.11n-40 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



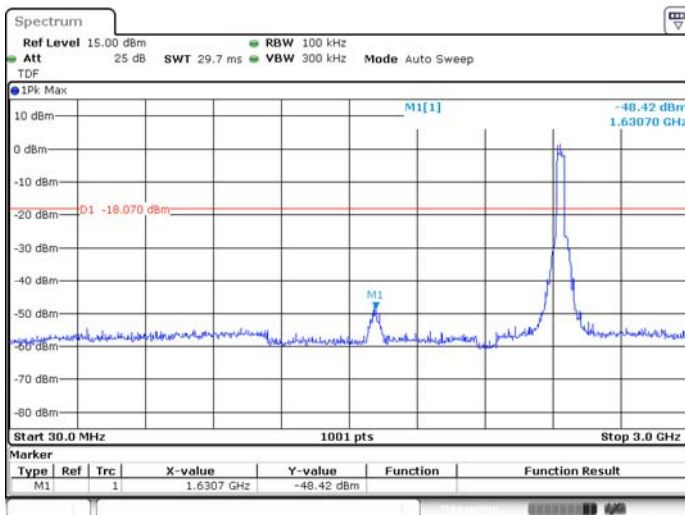
802.11n-40 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



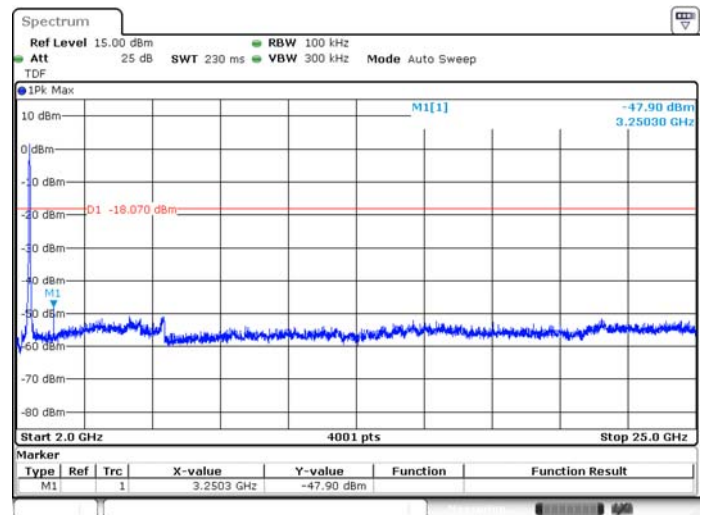
802.11n-40 MIDDLE CHANNEL CARRIER LEVEL



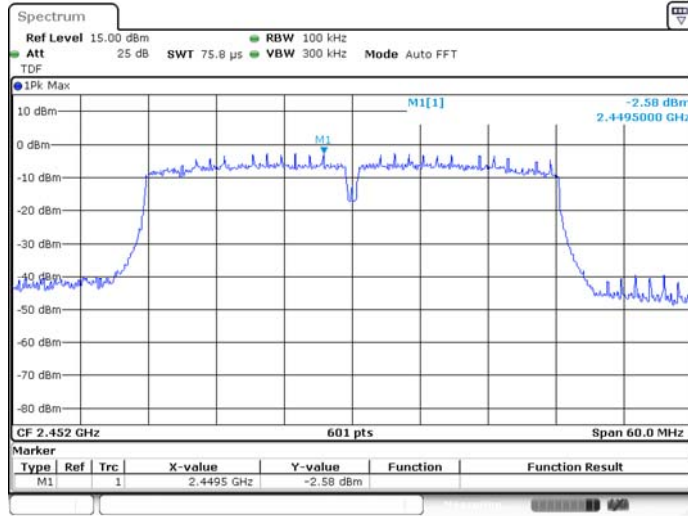
802.11n-40 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11n-40 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

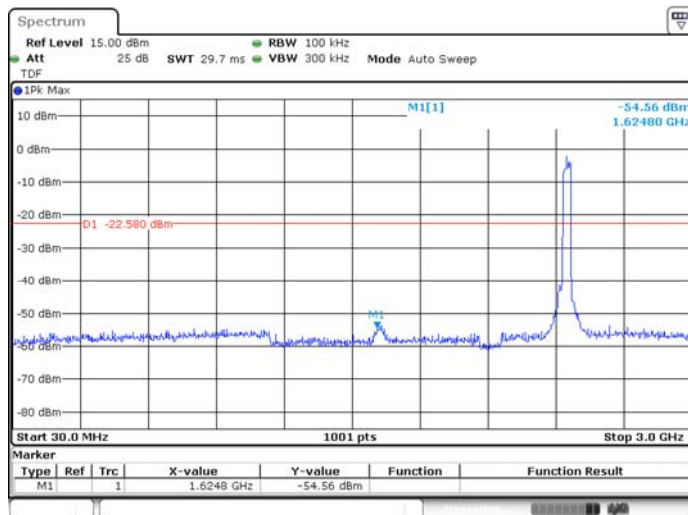


802.11n-40 HIGH CHANNEL CARRIER LEVEL



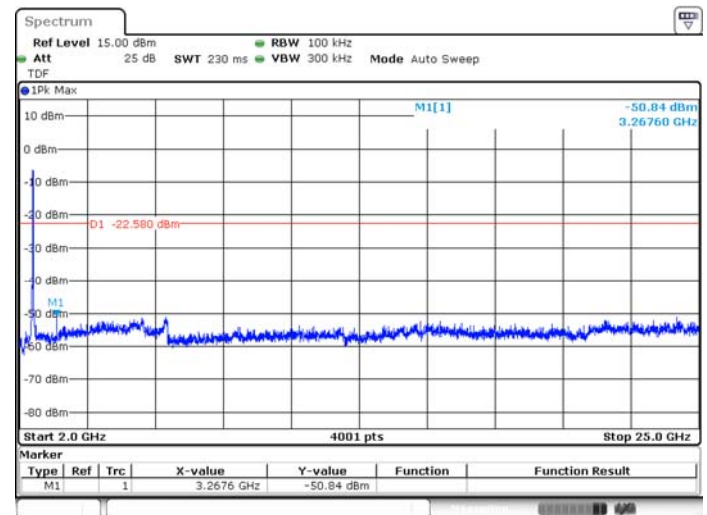
Date: 26 SEP 2020 12:10:02

802.11n-40 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



Date: 26 SEP 2020 12:10:20

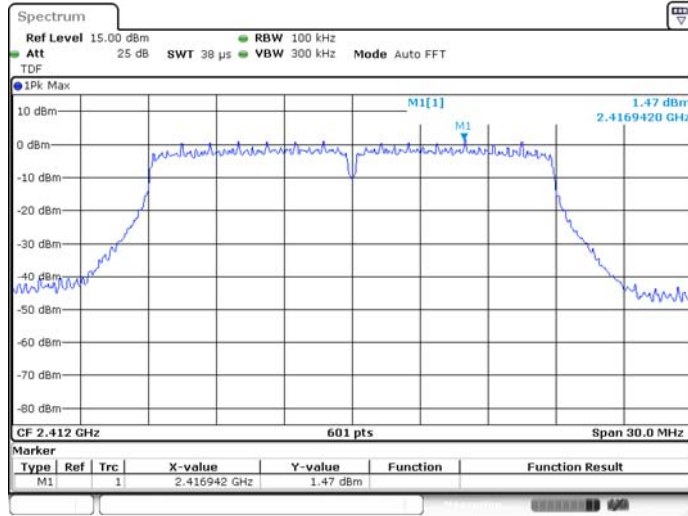
802.11n-40 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



Date: 26 SEP 2020 12:10:27

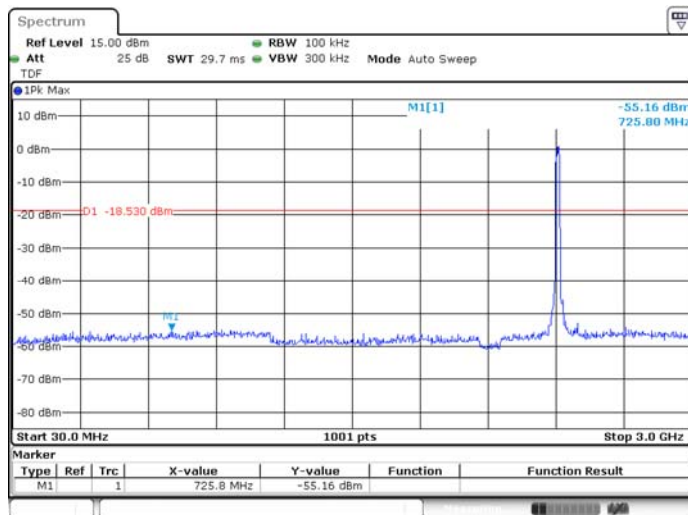
MIMO-Aux. Antenna

802.11n-20 LOW CHANNEL CARRIER LEVEL



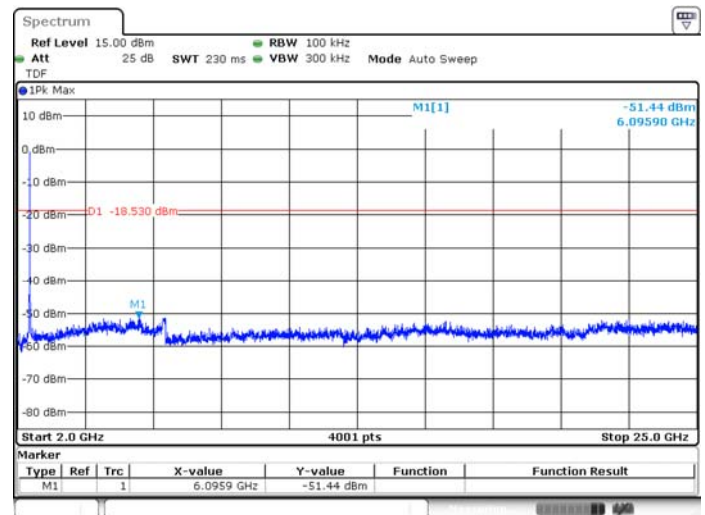
Date: 26 SEP 2020 10:41:38

802.11n-20 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



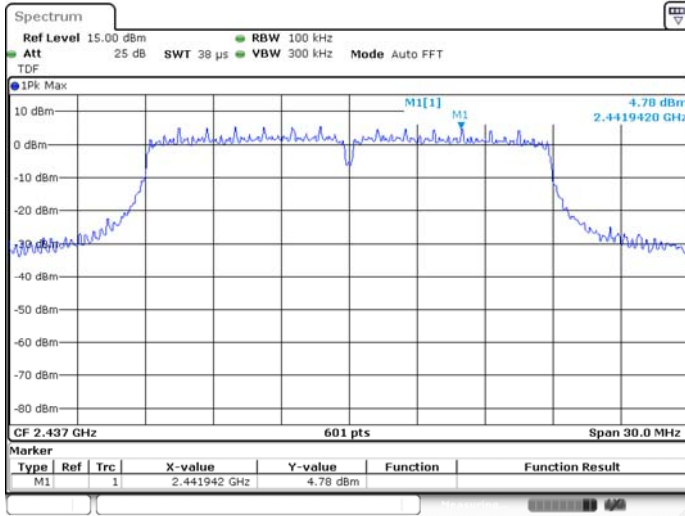
Date: 26 SEP 2020 10:41:57

802.11n-20 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



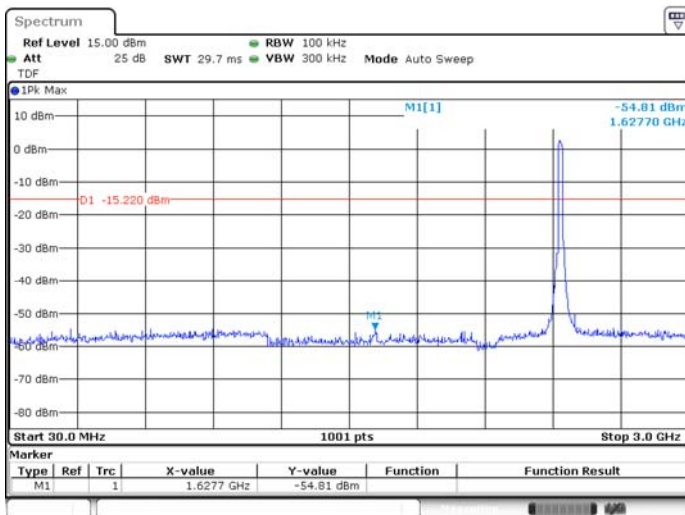
Date: 26 SEP 2020 10:42:07

802.11n-20 MIDDLE CHANNEL CARRIER LEVEL



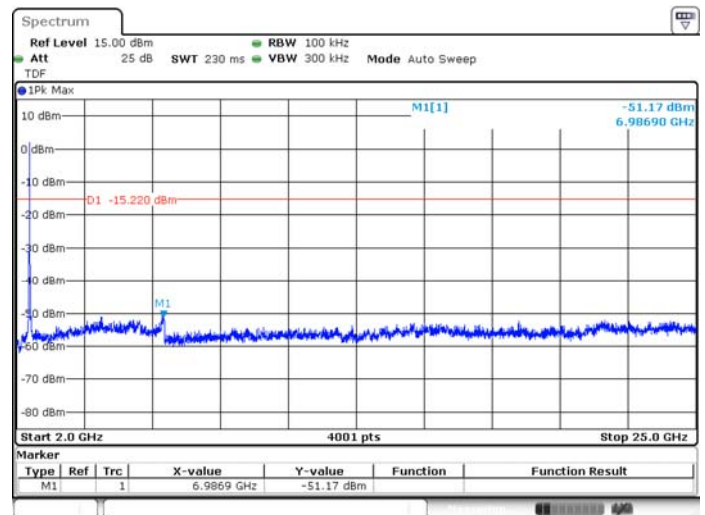
Date: 27.SEP.2020 19:12:11

802.11n-20 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



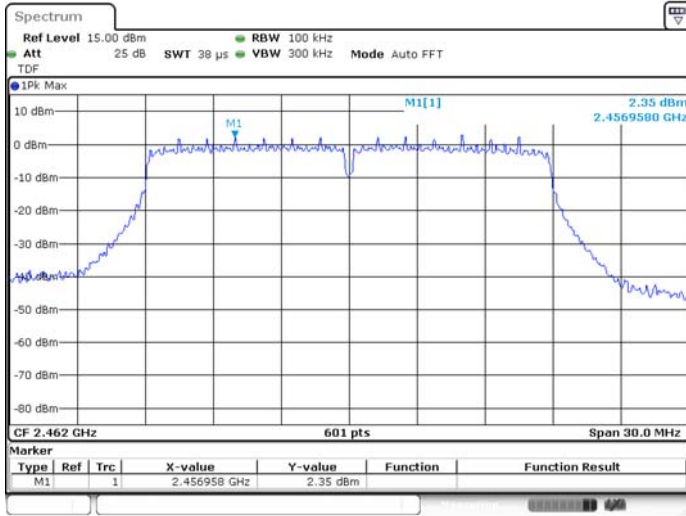
Date: 27.SEP.2020 19:12:31

802.11n-20 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



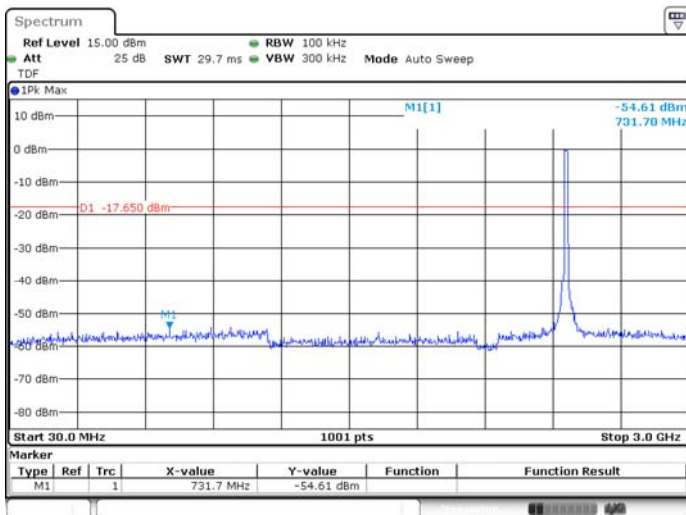
Date: 27.SEP.2020 19:12:41

802.11n-20 HIGH CHANNEL CARRIER LEVEL



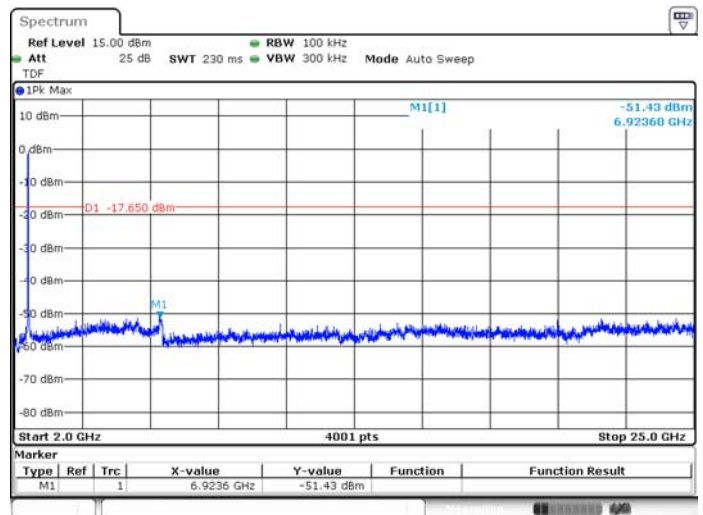
Date: 26 SEP 2020 10:43:26

802.11n-20 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



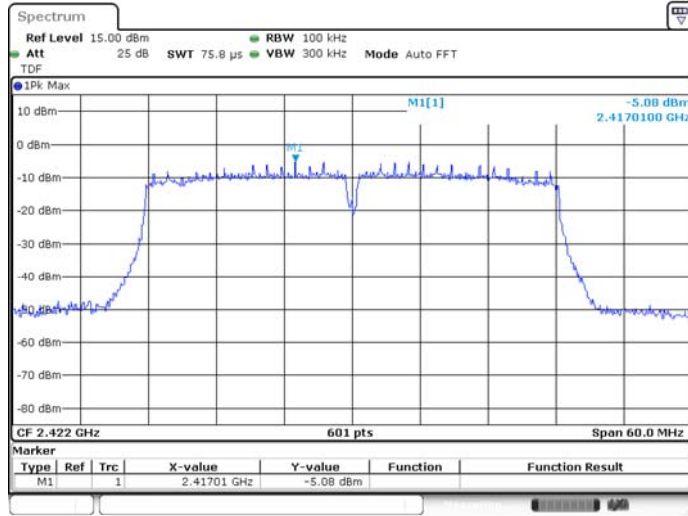
Date: 26 SEP 2020 10:43:42

802.11n-20 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

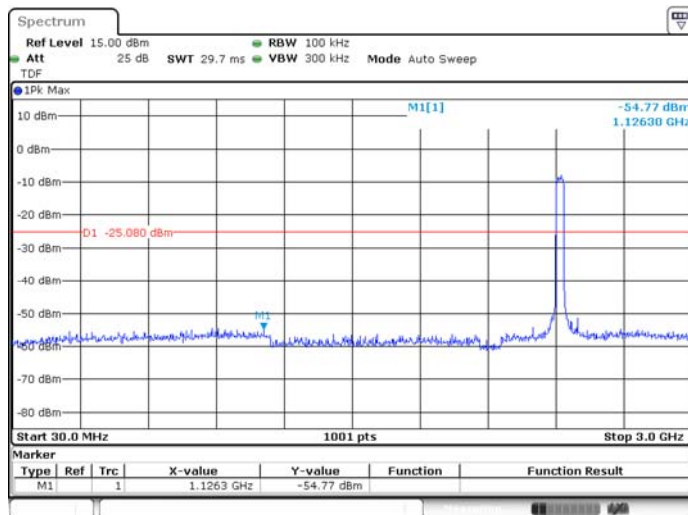


Date: 26 SEP 2020 10:43:50

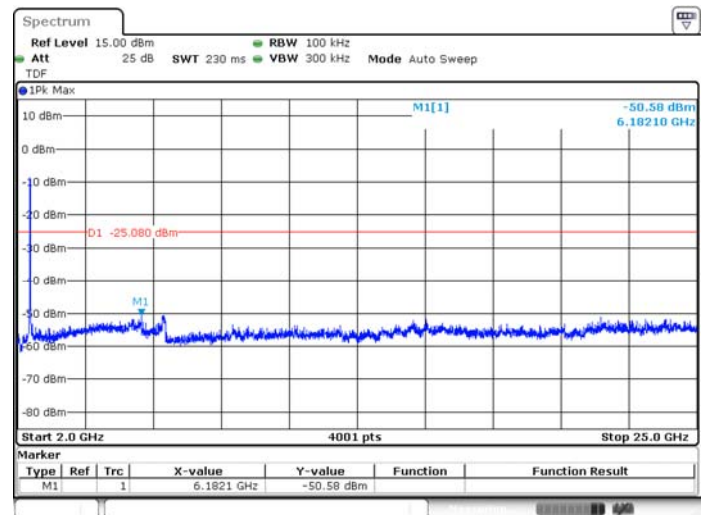
802.11n-40 LOW CHANNEL CARRIER LEVEL



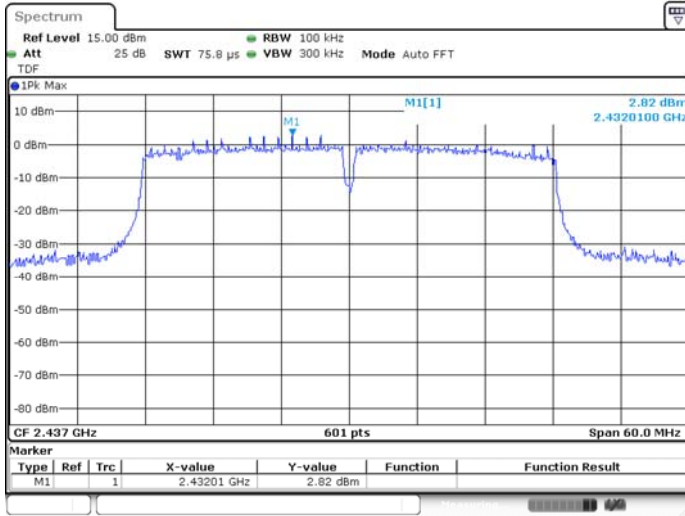
802.11n-40 LOW CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



802.11n-40 LOW CHANNEL, SPURIOUS 2 GHz ~ 25 GHz

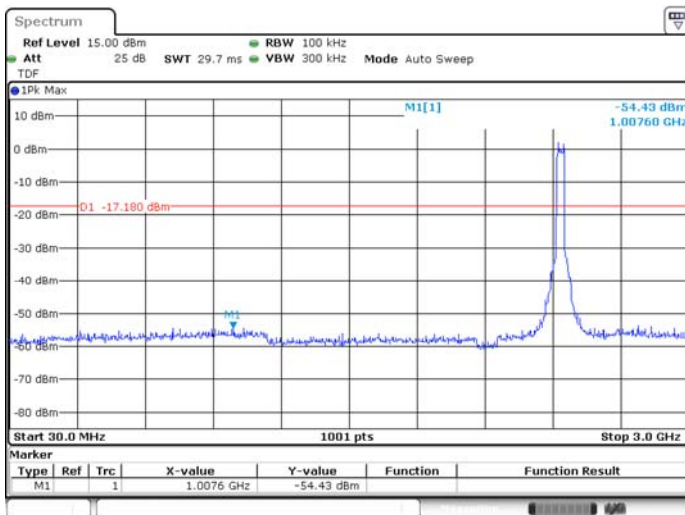


802.11n-40 MIDDLE CHANNEL CARRIER LEVEL



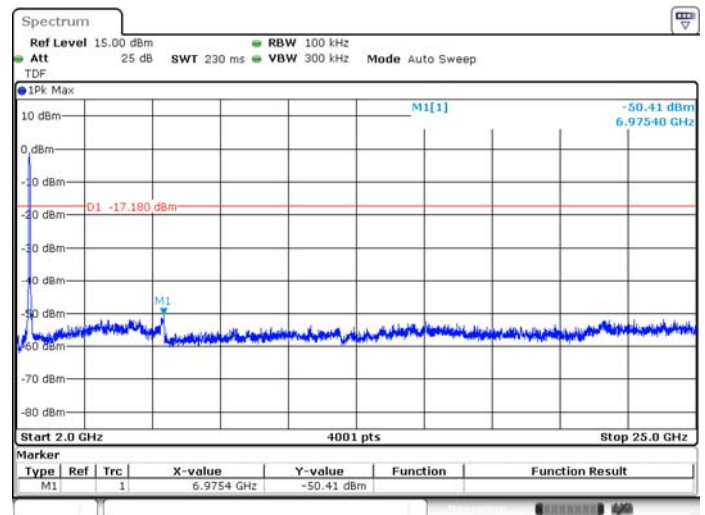
Date: 27.SEP.2020 19:13:17

802.11n-40 MIDDLE CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



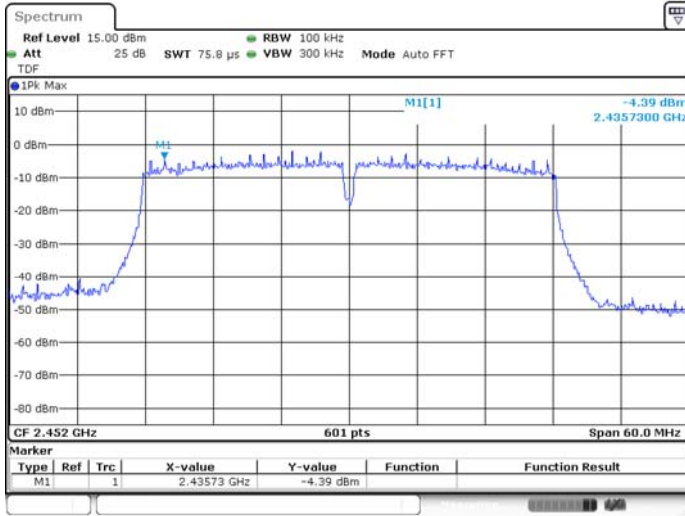
Date: 27.SEP.2020 19:13:39

802.11n-40 MIDDLE CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



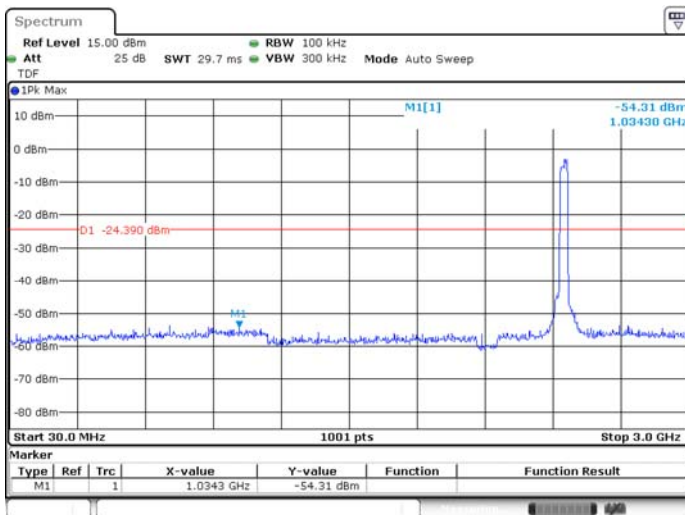
Date: 27.SEP.2020 19:13:47

802.11n-40 HIGH CHANNEL CARRIER LEVEL



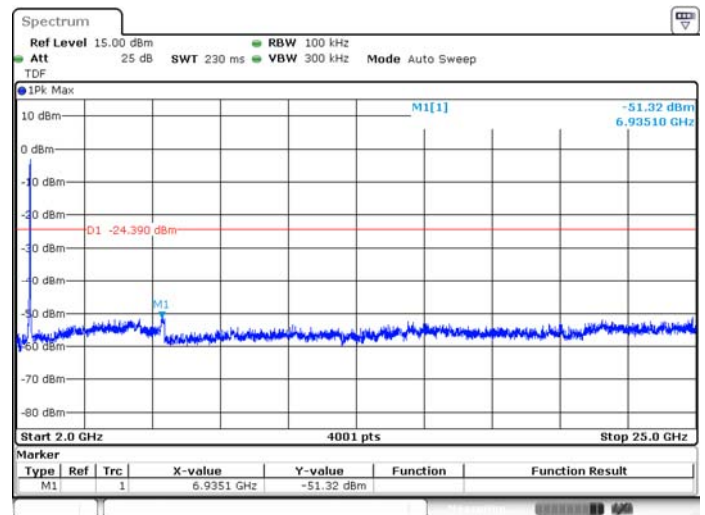
Date: 26 SEP 2020 10:47:10

802.11n-40 HIGH CHANNEL, SPURIOUS 30 MHz ~ 3 GHz



Date: 26 SEP 2020 10:47:33

802.11n-40 HIGH CHANNEL, SPURIOUS 2 GHz ~ 25 GHz



Date: 26 SEP 2020 10:47:42

A.4 Band Edge (Authorized-band band-edge)

Test Data

Note: The 99% OBW of the fundamental emission is without 2 MHz of the authorized band.

Main Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-31.63	10.01	-9.99	Pass
High Channel	-39.51	10.36	-9.64	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-37.92	-1.32	-21.32	Pass
High Channel	-39.68	1.94	-18.06	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-41.05	-1.76	-21.76	Pass
High Channel	-44.79	0.10	-19.90	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.23	-6.12	-26.12	Pass
High Channel	-37.48	-3.34	-23.34	Pass

Aux. Antenna

802.11b Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-29.97	12.41	-7.59	Pass
High Channel	-47.74	12.07	-7.93	Pass

802.11g Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-39.36	2.86	-17.14	Pass
High Channel	-38.54	4.98	-15.02	Pass

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.96	1.00	-19.00	Pass
High Channel	-32.38	5.81	-14.19	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.53	-2.12	-22.12	Pass
High Channel	-29.44	3.54	-16.46	Pass

MIMO-Main Antenna

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-36.84	0.55	-19.45	Pass
High Channel	-38.16	2.07	-17.93	Pass

802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-42.83	-6.73	-26.73	Pass
High Channel	-38.89	-2.58	-22.58	Pass

MIMO-Aux. Antenna

802.11n-20 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-40.77	1.47	-18.53	Pass
High Channel	-45.03	2.35	-17.65	Pass

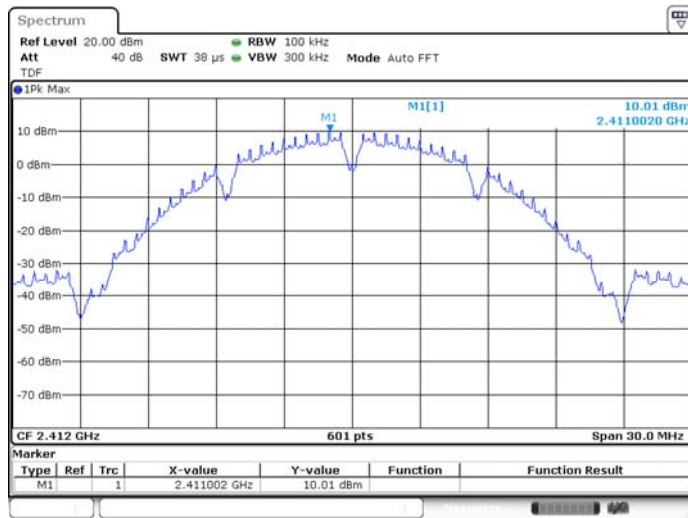
802.11n-40 MHz Mode:

Channel	Measured Max. Band Edge Emission (dBm)	Limit (dBm)		Verdict
		Carrier Level	Calculated 20 dBc Limit	
Low Channel	-45.69	-5.08	-25.08	Pass
High Channel	-46.97	-4.39	-24.39	Pass

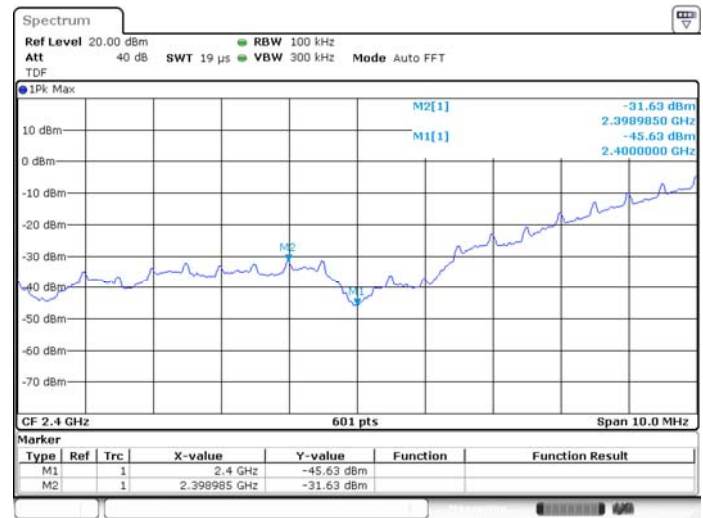
Test Plots

Main Antenna

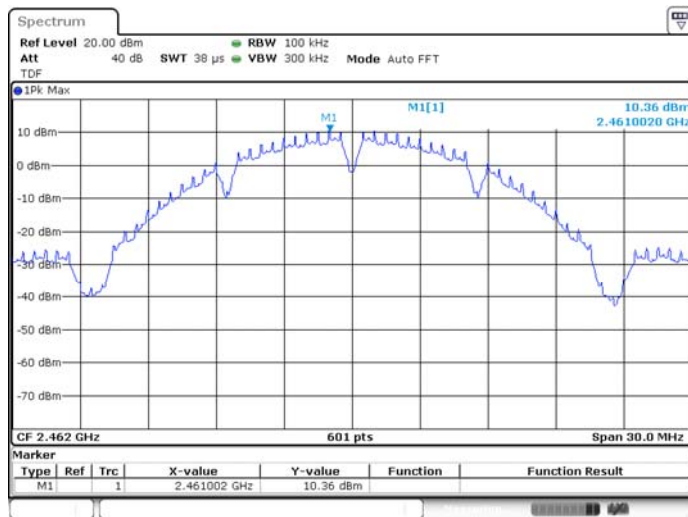
802.11b LOW CHANNEL, Carrier level



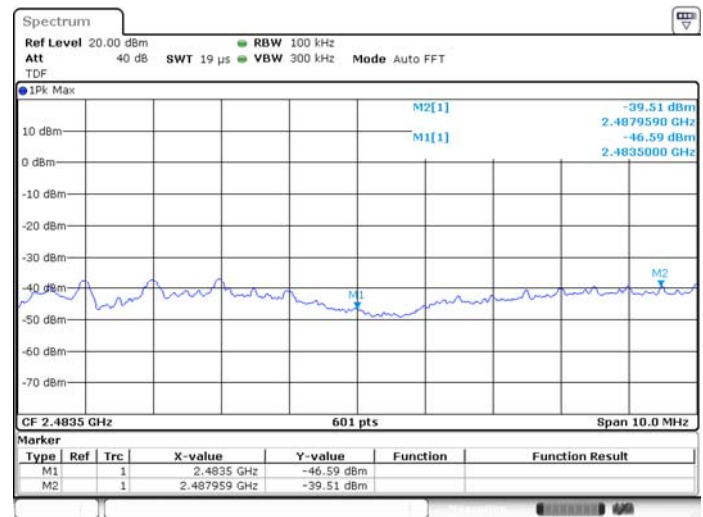
802.11b LOW CHANNEL, Reference level



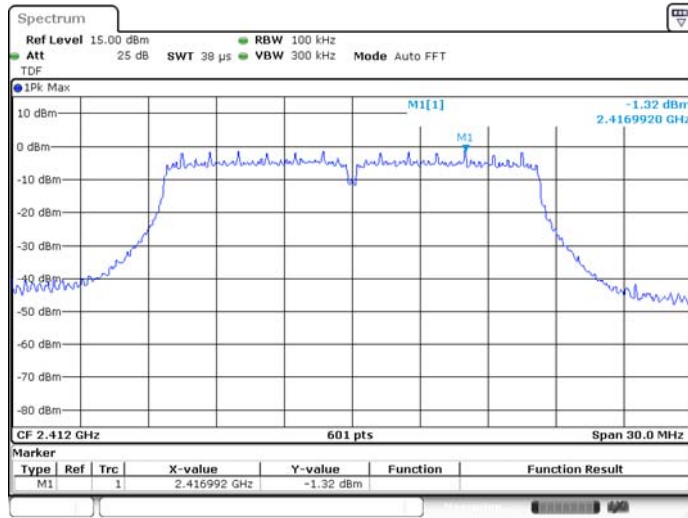
802.11b HIGH CHANNEL, Carrier level



802.11b HIGH CHANNEL, Reference level

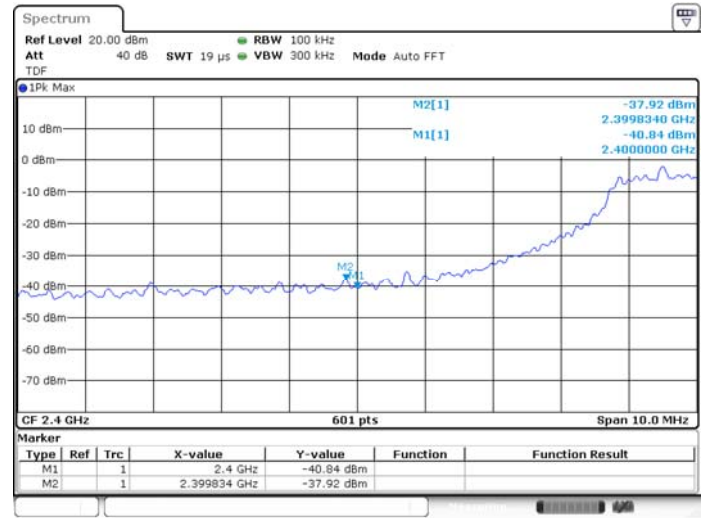


802.11g LOW CHANNEL, Carrier level



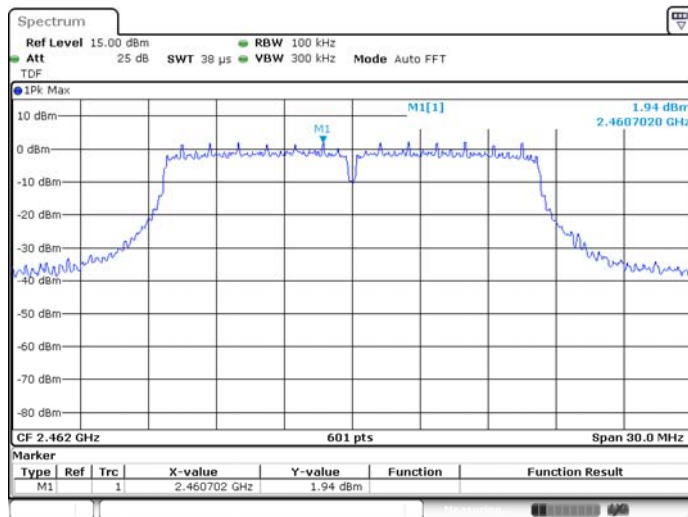
Date: 26 SEP 2020 11:47:54

802.11g LOW CHANNEL, Reference level



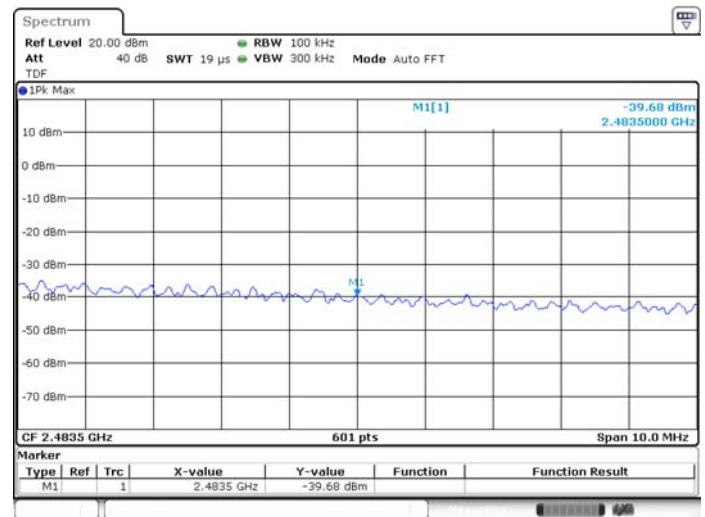
Date: 26 SEP 2020 11:48:49

802.11g HIGH CHANNEL, Carrier level



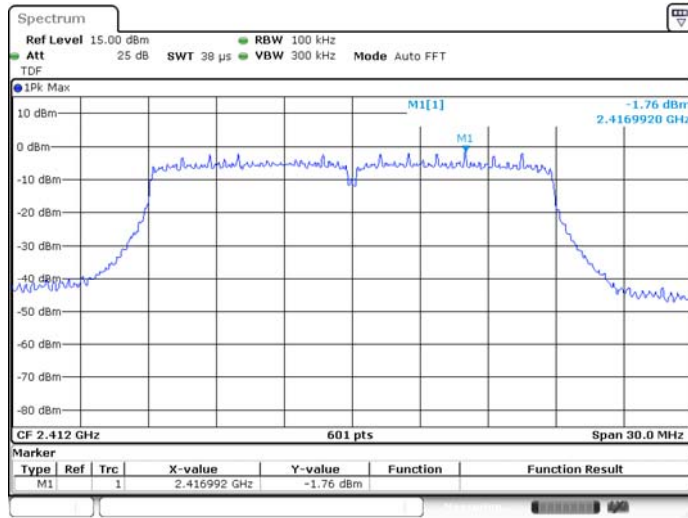
Date: 26 SEP 2020 11:50:24

802.11g HIGH CHANNEL, Reference level



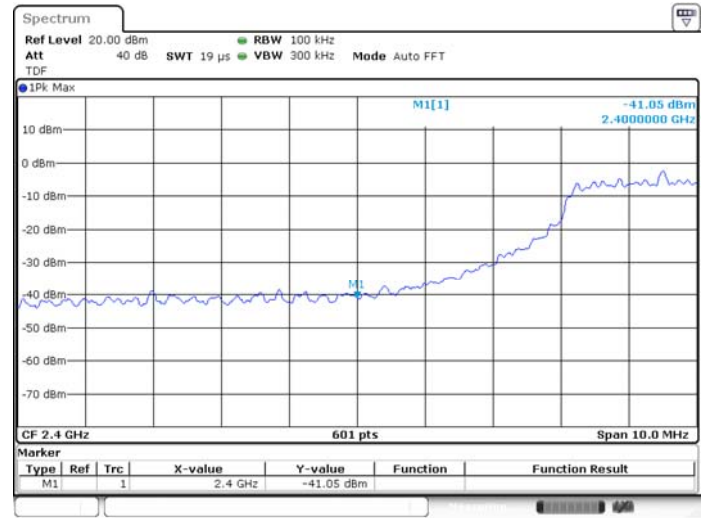
Date: 26 SEP 2020 11:51:09

802.11n-20 MHz LOW CHANNEL, Carrier level



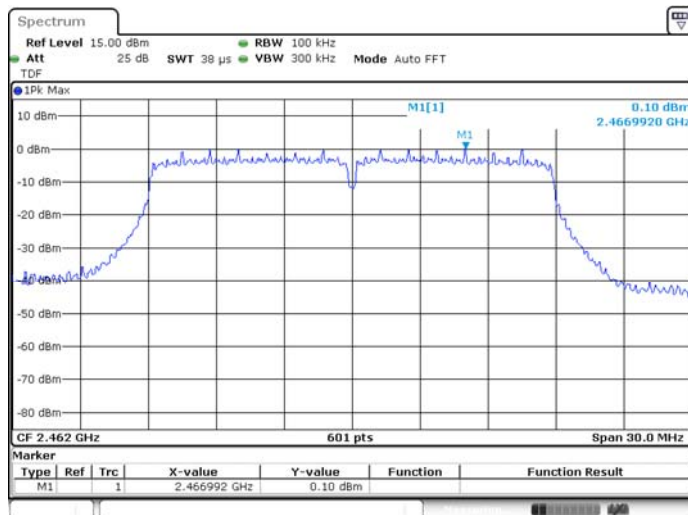
Date: 26 SEP.2020 11:52:53

802.11n-20 MHz LOW CHANNEL, Reference level



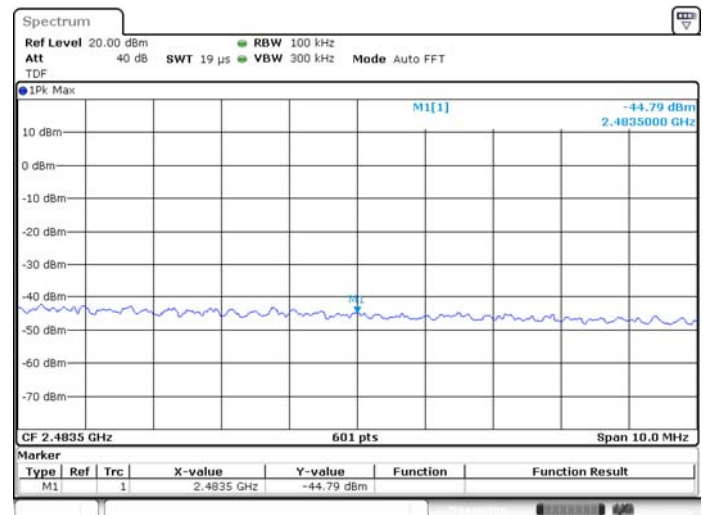
Date: 26 SEP.2020 11:53:45

802.11n-20 MHz HIGH CHANNEL, Carrier level



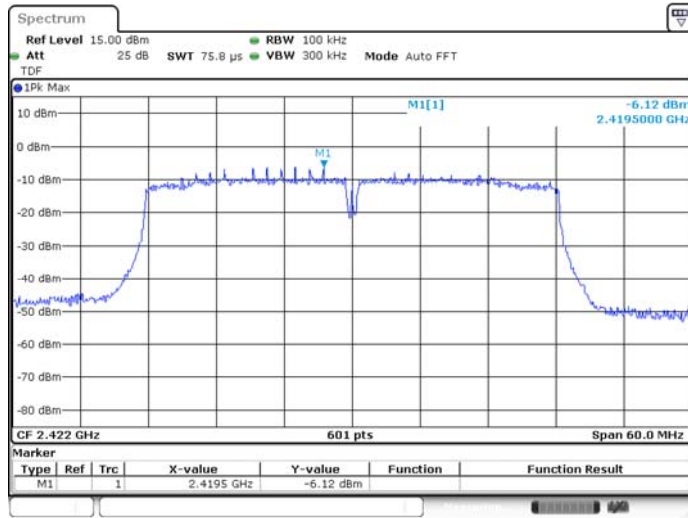
Date: 26 SEP.2020 11:55:44

802.11n-20 MHz HIGH CHANNEL, Reference level



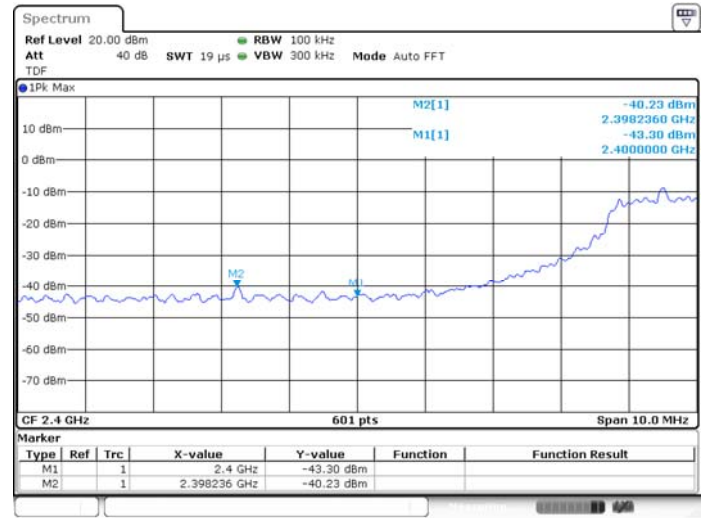
Date: 26 SEP.2020 11:56:30

802.11n-40 MHz LOW CHANNEL, Carrier level



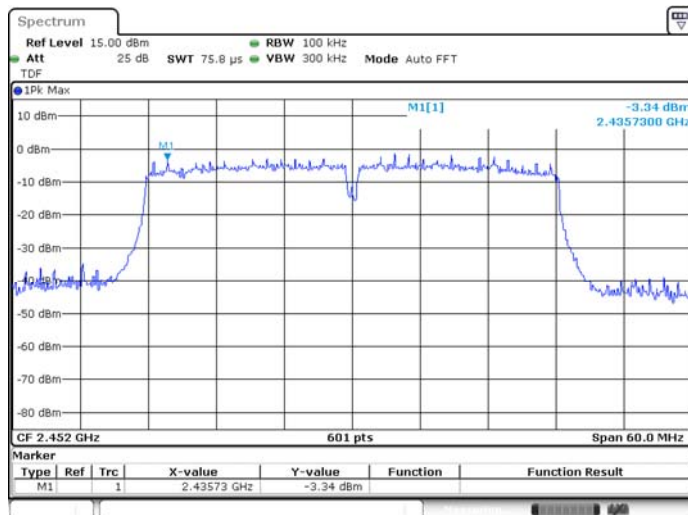
Date: 26 SEP 2020 11:58:07

802.11n-40 MHz LOW CHANNEL, Reference level



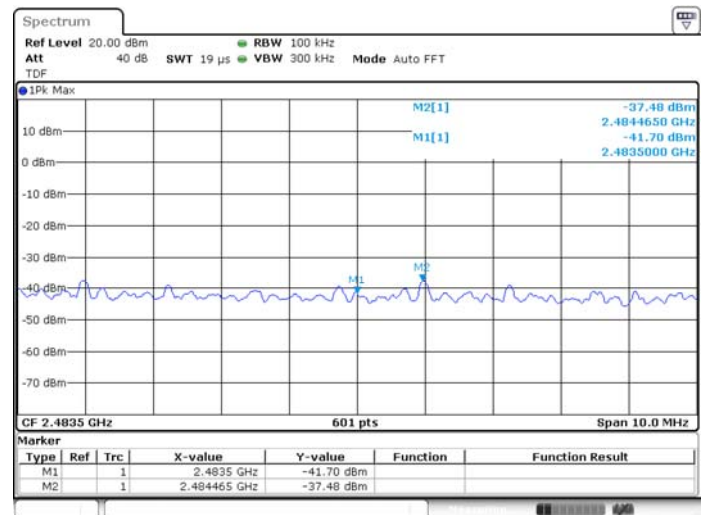
Date: 26 SEP 2020 11:58:55

802.11n-40 MHz HIGH CHANNEL, Carrier level



Date: 26 SEP 2020 12:00:35

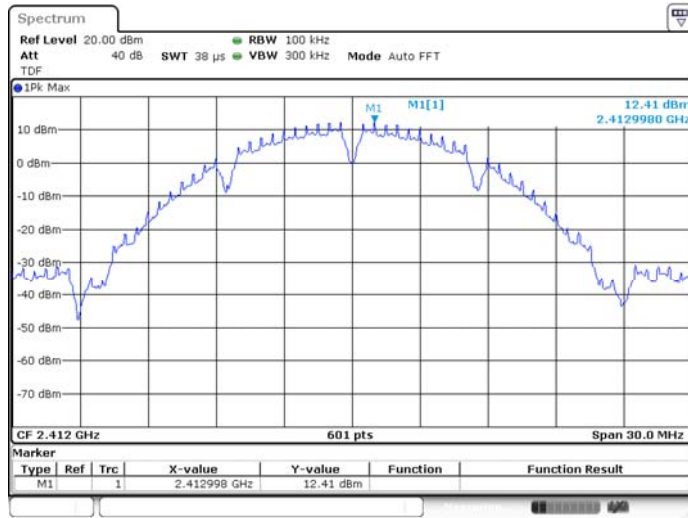
802.11n-40 MHz HIGH CHANNEL, Reference level



Date: 26 SEP 2020 12:01:20

Aux. Antenna

802.11b LOW CHANNEL, Carrier level



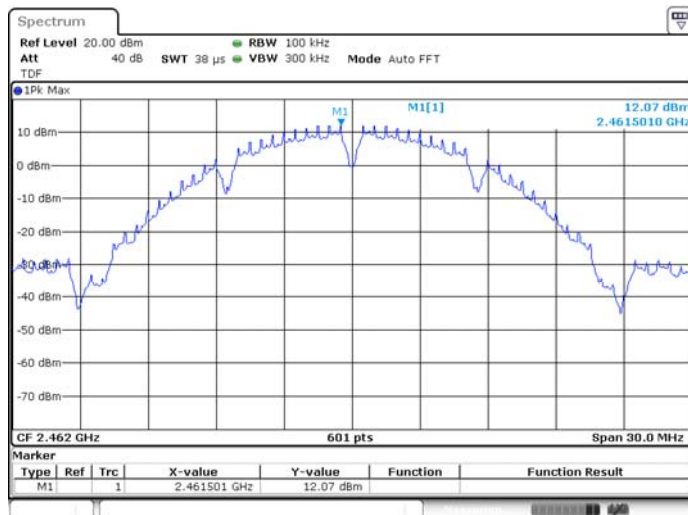
Date: 26 SEP 2020 10:23:48

802.11b LOW CHANNEL, Reference level



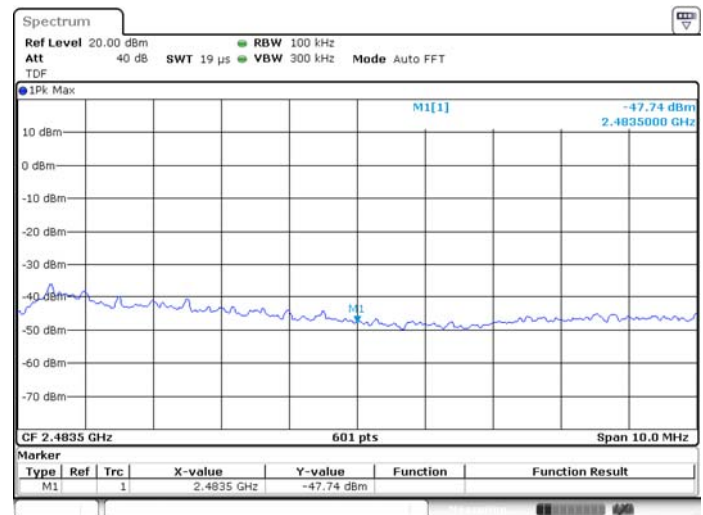
Date: 26 SEP 2020 10:24:37

802.11b HIGH CHANNEL, Carrier level



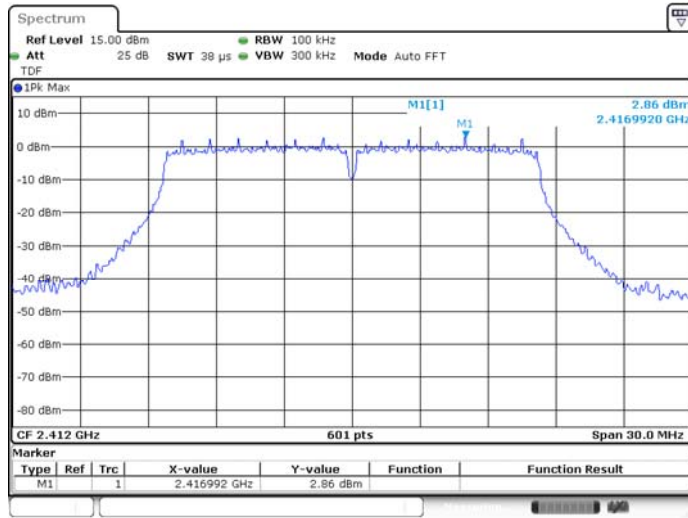
Date: 27 SEP 2020 19:07:21

802.11b HIGH CHANNEL, Reference level



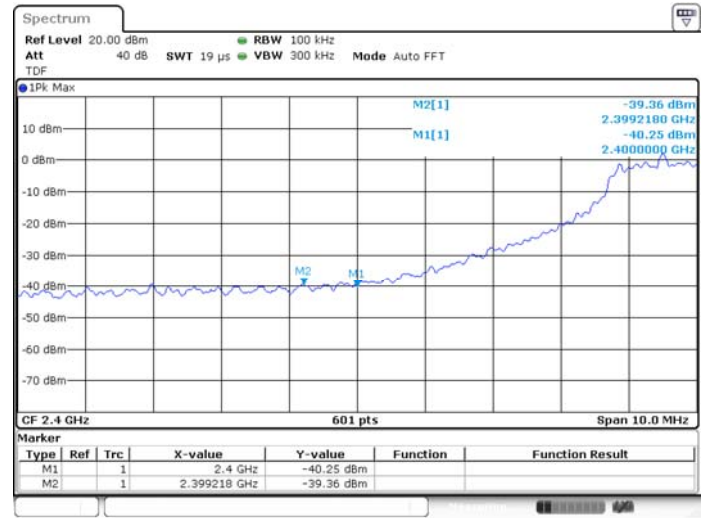
Date: 1 AUG 2020 14:57:34

802.11g LOW CHANNEL, Carrier level



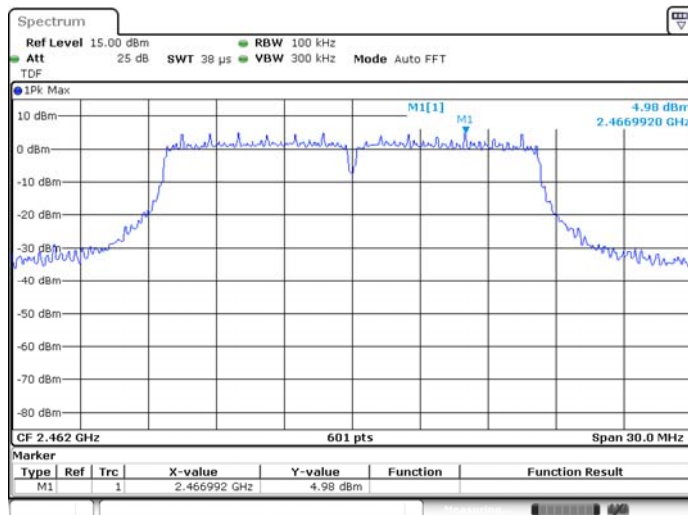
Date: 26 SEP.2020 10:26:32

802.11g LOW CHANNEL, Reference level



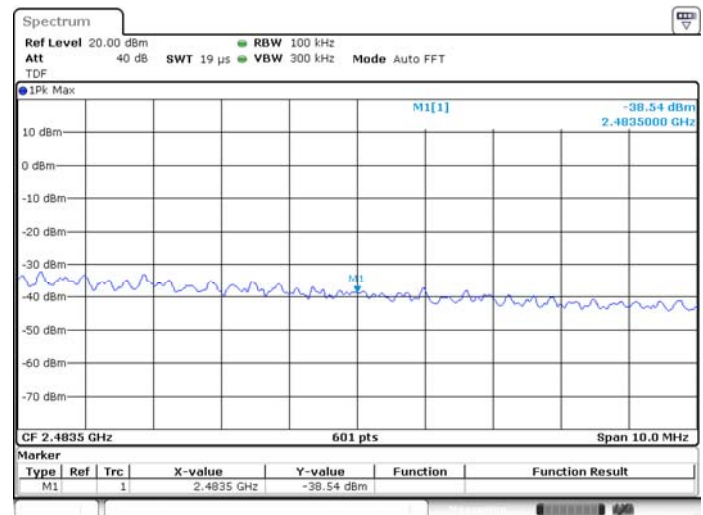
Date: 26 SEP.2020 10:27:40

802.11g HIGH CHANNEL, Carrier level



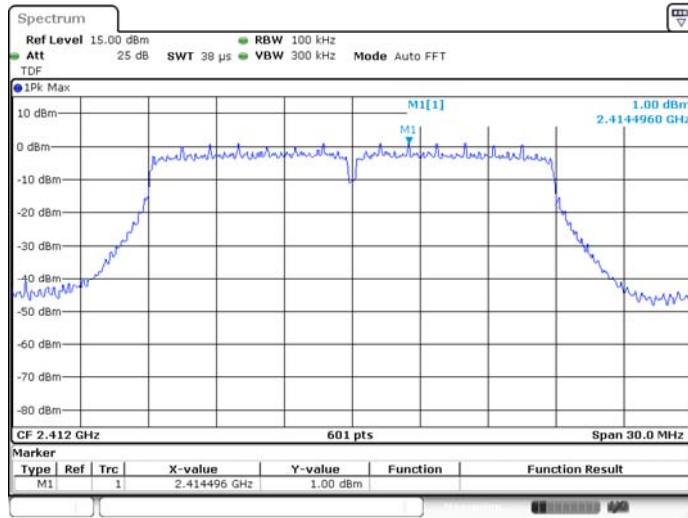
Date: 26 SEP.2020 10:29:18

802.11g HIGH CHANNEL, Reference level



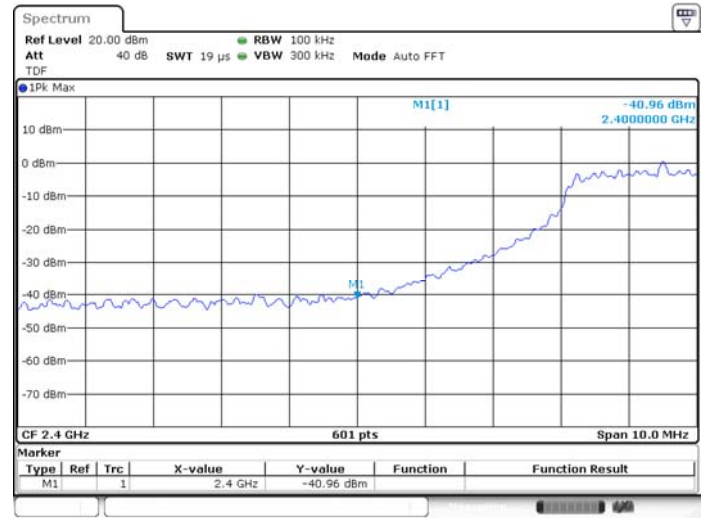
Date: 26 SEP.2020 10:30:00

802.11n-20 MHz LOW CHANNEL, Carrier level



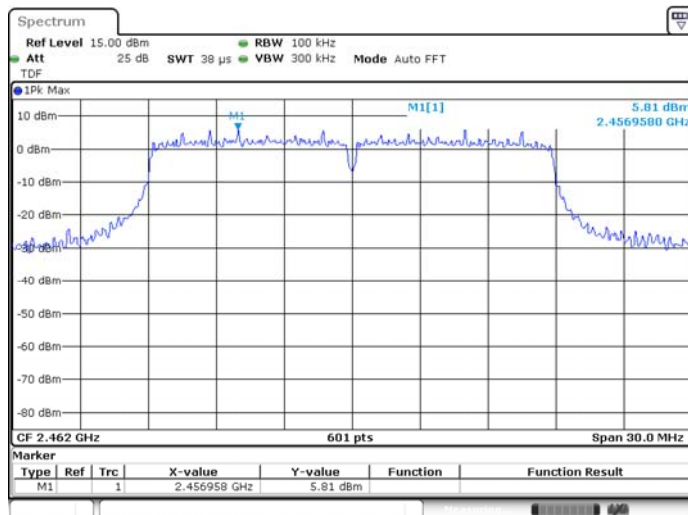
Date: 26 SEP. 2020 10:31:37

802.11n-20 MHz LOW CHANNEL, Reference level



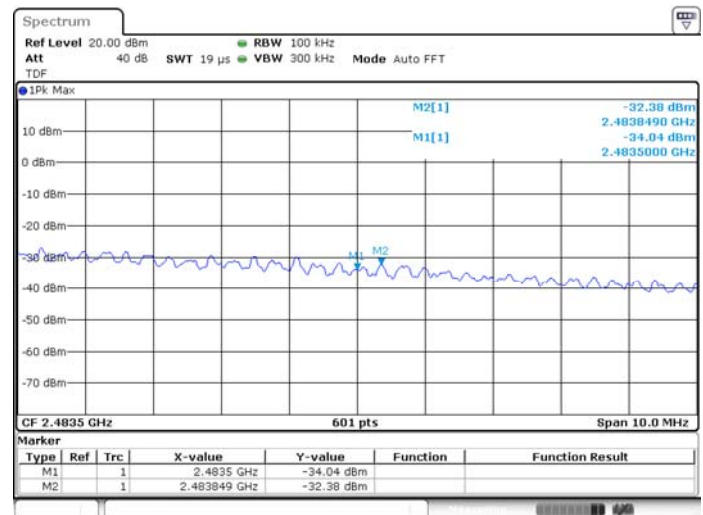
Date: 26 SEP. 2020 10:32:21

802.11n-20 MHz HIGH CHANNEL, Carrier level



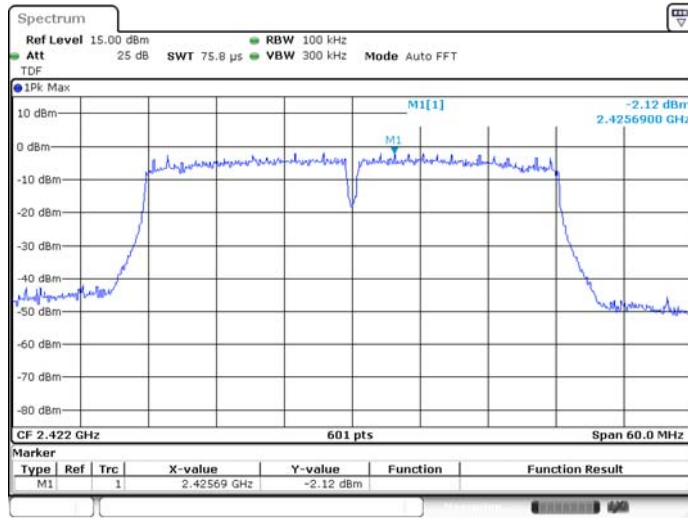
Date: 26 SEP. 2020 10:33:49

802.11n-20 MHz HIGH CHANNEL, Reference level



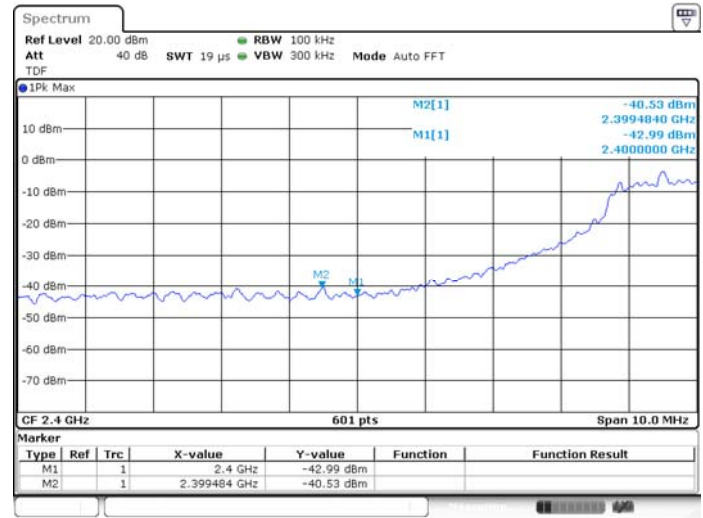
Date: 26 SEP. 2020 10:34:41

802.11n-40 MHz LOW CHANNEL, Carrier level



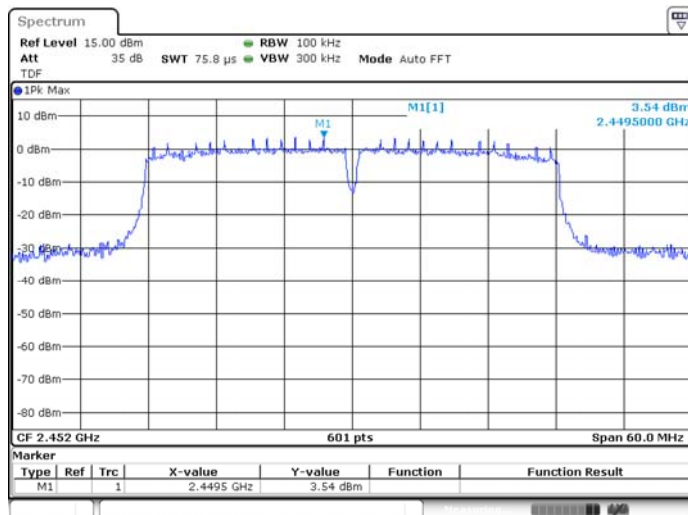
Date: 26 SEP. 2020 10:36:17

802.11n-40 MHz LOW CHANNEL, Reference level



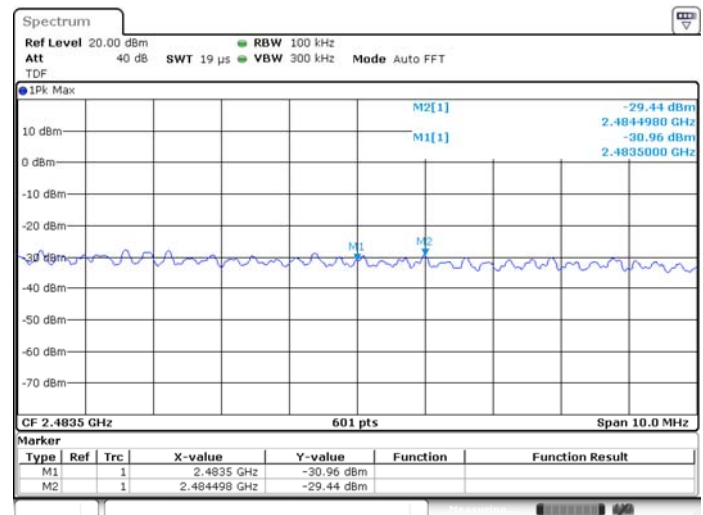
Date: 26 SEP. 2020 10:36:58

802.11n-40 MHz HIGH CHANNEL, Carrier level



Date: 26 SEP. 2020 10:38:41

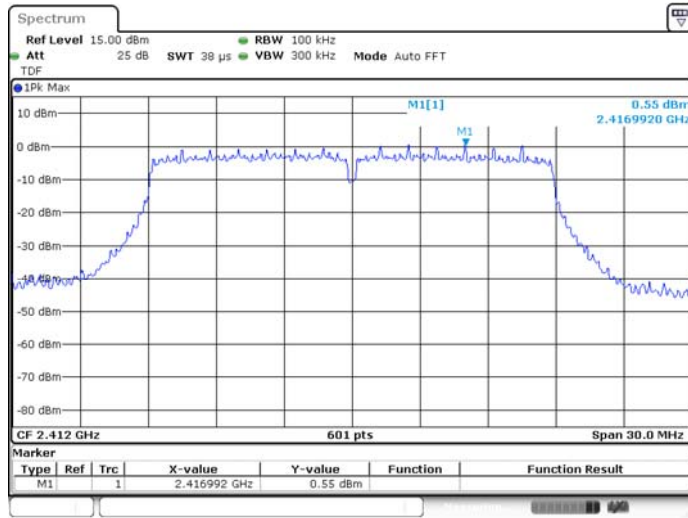
802.11n-40 MHz HIGH CHANNEL, Reference level



Date: 26 SEP. 2020 10:39:39

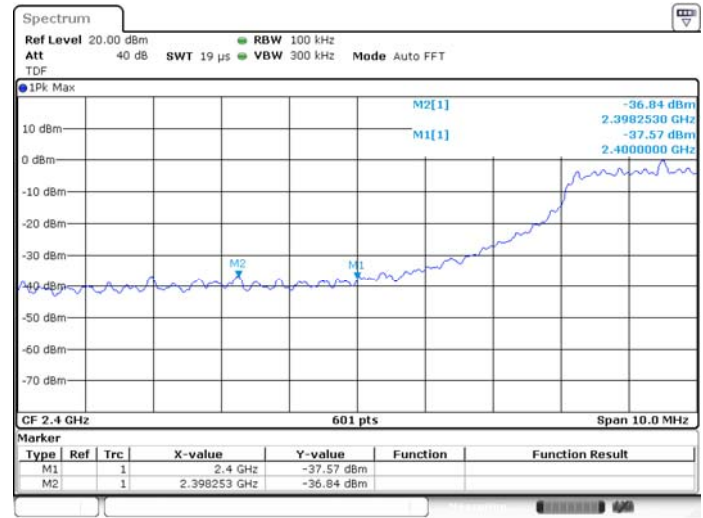
MIMO-Main Antenna

802.11n-20 MHz LOW CHANNEL, Carrier level



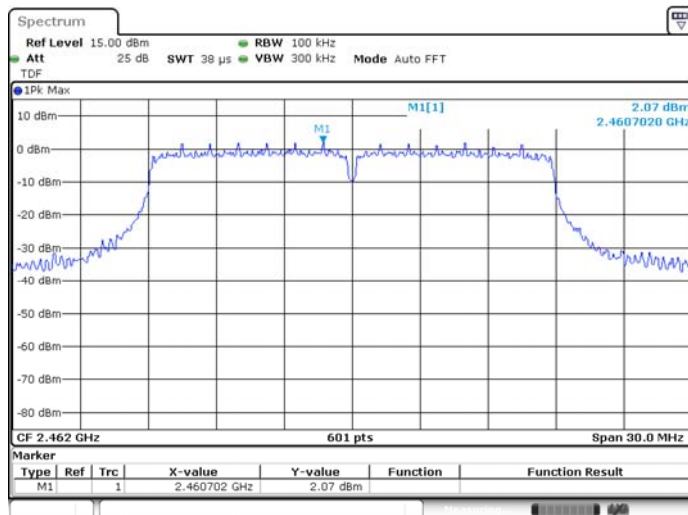
Date: 26 SEP. 2020 12:02:56

802.11n-20 MHz LOW CHANNEL, Reference level



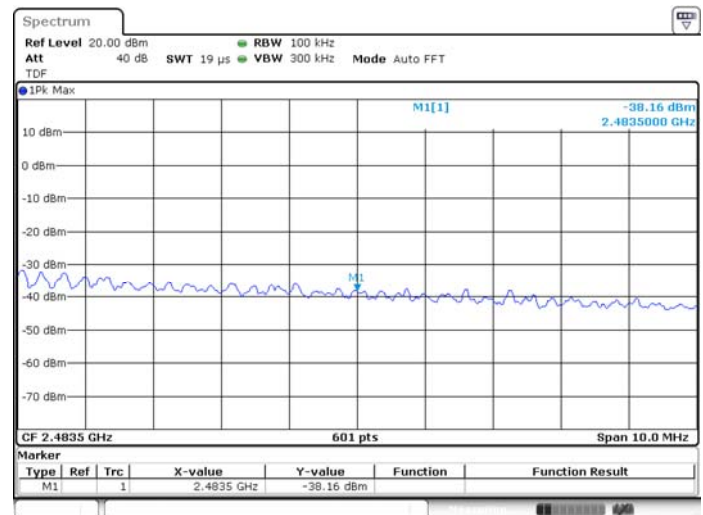
Date: 26 SEP. 2020 12:03:40

802.11n-20 MHz HIGH CHANNEL, Carrier level



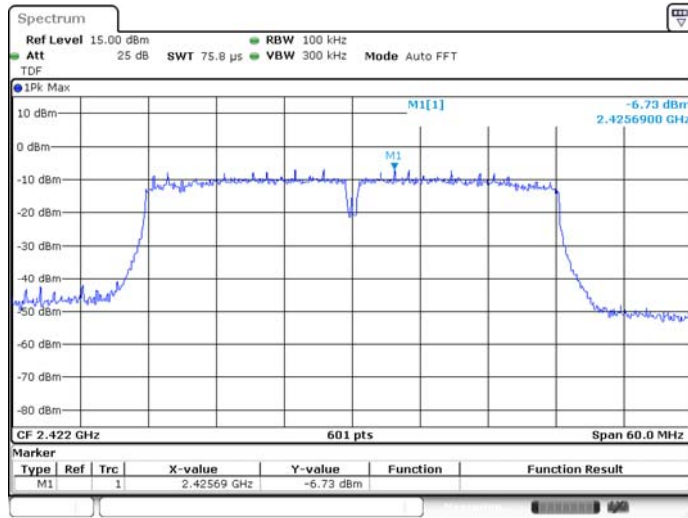
Date: 26 SEP. 2020 12:06:12

802.11n-20 MHz HIGH CHANNEL, Reference level



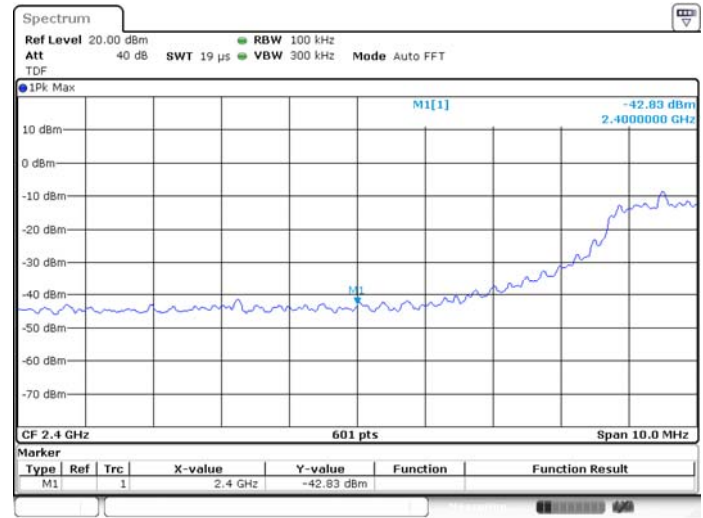
Date: 26 SEP. 2020 12:06:49

802.11n-40 MHz LOW CHANNEL, Carrier level



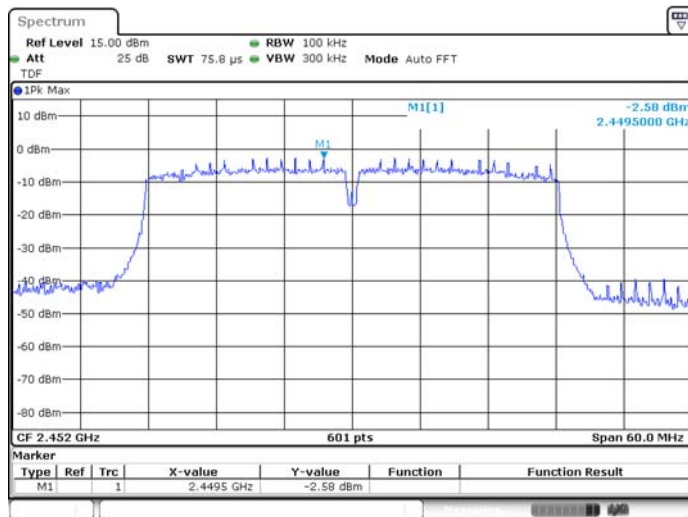
Date: 26 SEP.2020 12:08:10

802.11n-40 MHz LOW CHANNEL, Reference level



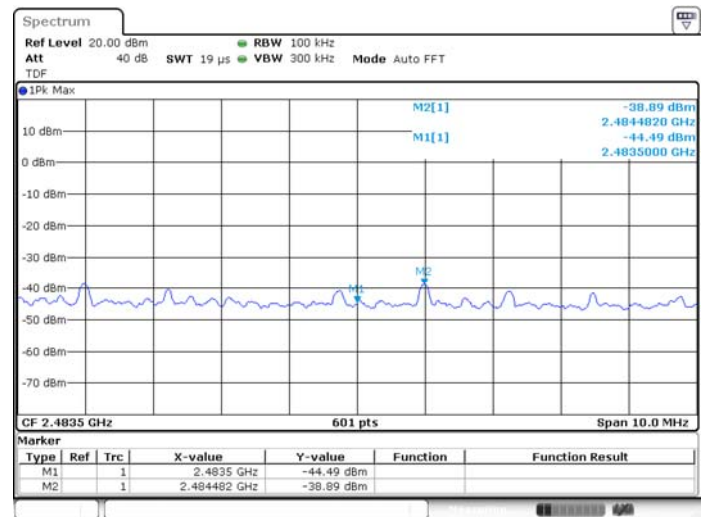
Date: 26 SEP.2020 12:08:45

802.11n-40 MHz HIGH CHANNEL, Carrier level



Date: 26 SEP.2020 12:10:02

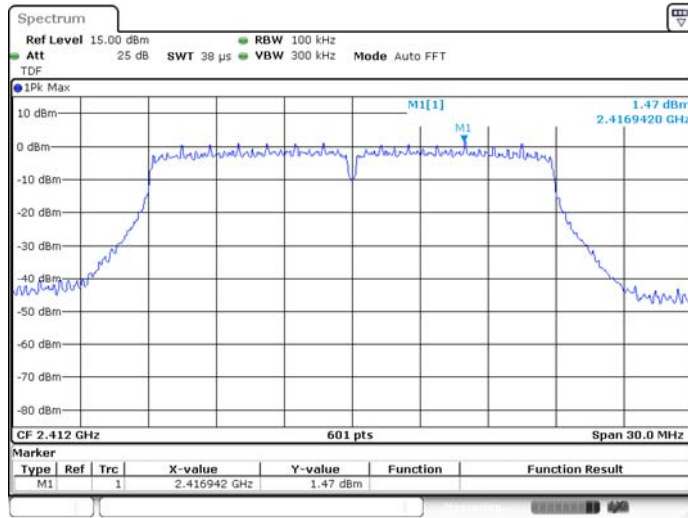
802.11n-40 MHz HIGH CHANNEL, Reference level



Date: 26 SEP.2020 12:10:46

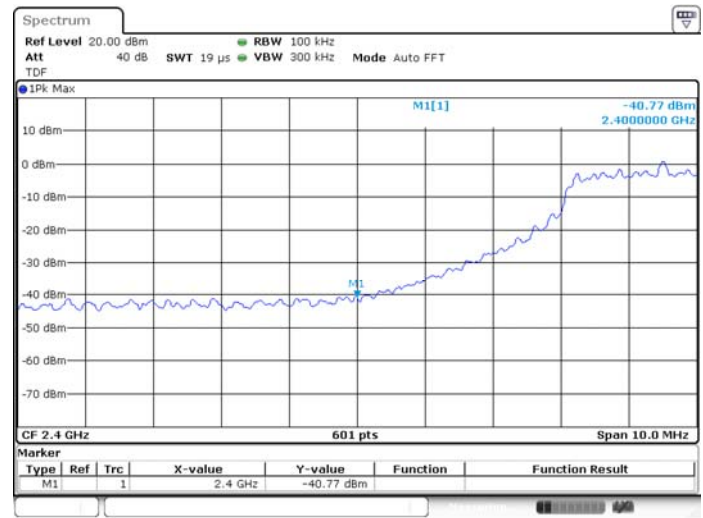
MIMO-Aux. Antenna

802.11n-20 MHz LOW CHANNEL, Carrier level



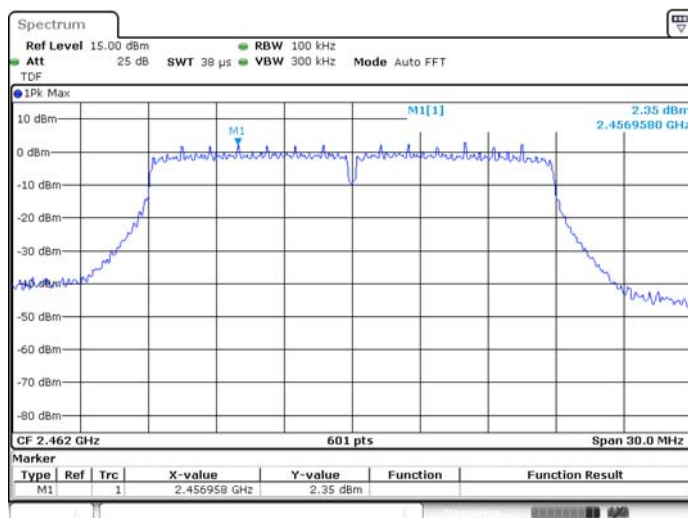
Date: 26 SEP 2020 10:41:38

802.11n-20 MHz LOW CHANNEL, Reference level



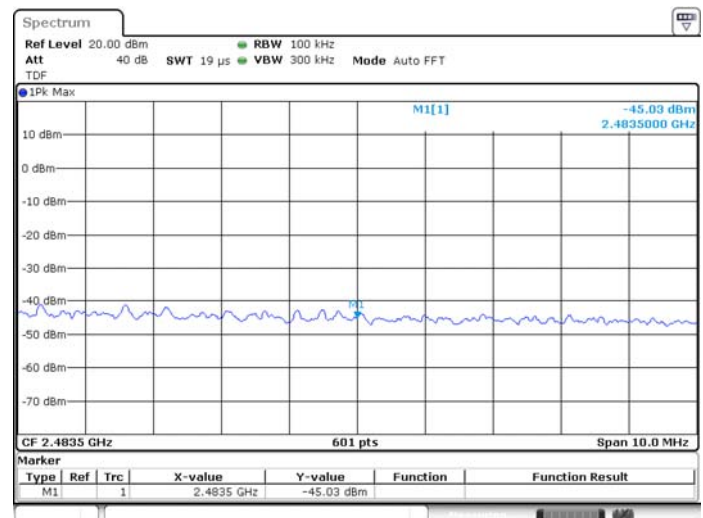
Date: 26 SEP 2020 10:42:16

802.11n-20 MHz HIGH CHANNEL, Carrier level



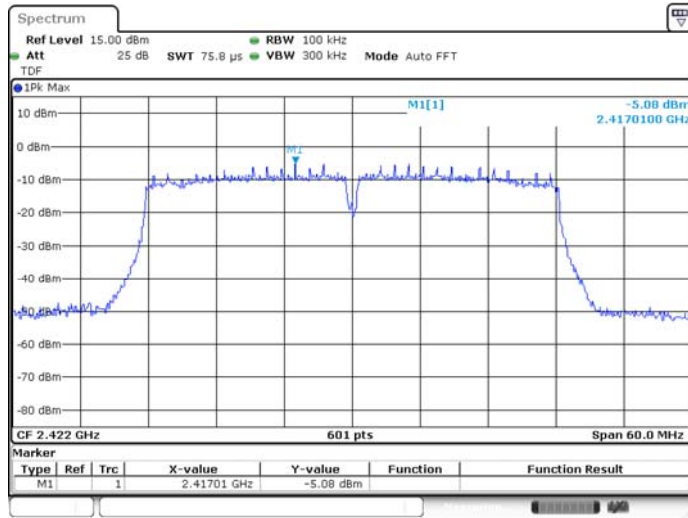
Date: 26 SEP 2020 10:43:26

802.11n-20 MHz HIGH CHANNEL, Reference level



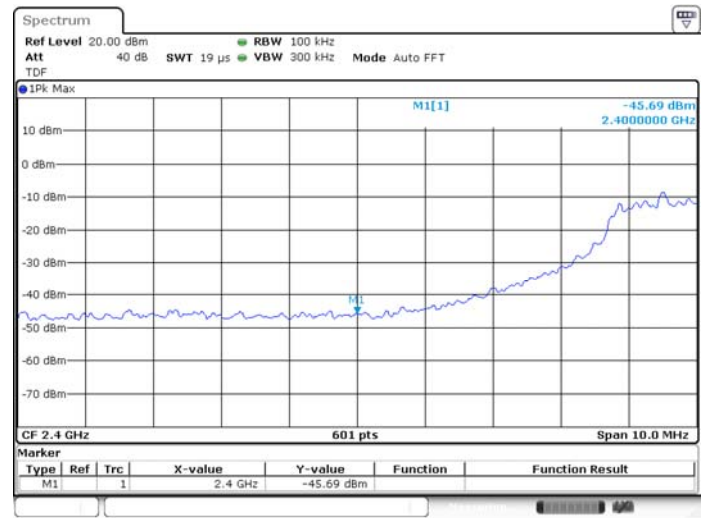
Date: 26 SEP 2020 10:44:00

802.11n-40 MHz LOW CHANNEL, Carrier level



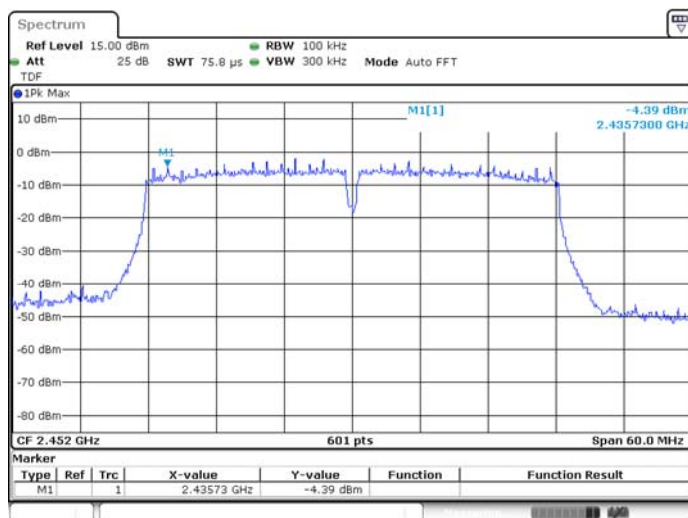
Date: 26 SEP. 2020 10:45:20

802.11n-40 MHz LOW CHANNEL, Reference level



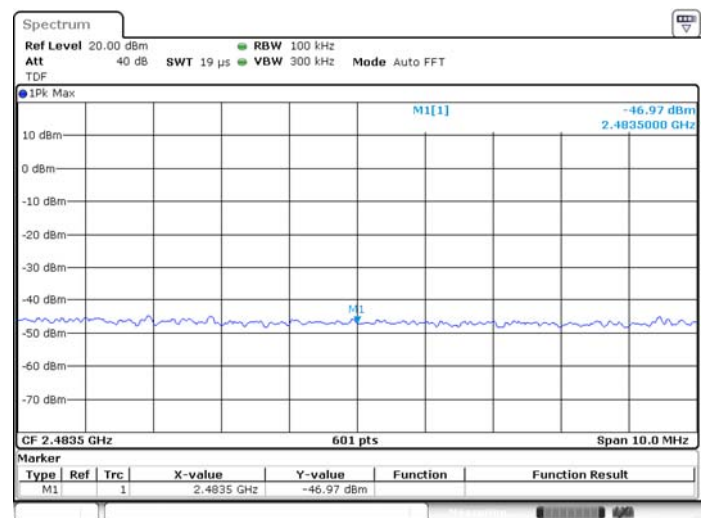
Date: 26 SEP. 2020 10:45:55

802.11n-40 MHz HIGH CHANNEL, Carrier level



Date: 26 SEP. 2020 10:47:10

802.11n-40 MHz HIGH CHANNEL, Reference level



Date: 26 SEP. 2020 10:47:52

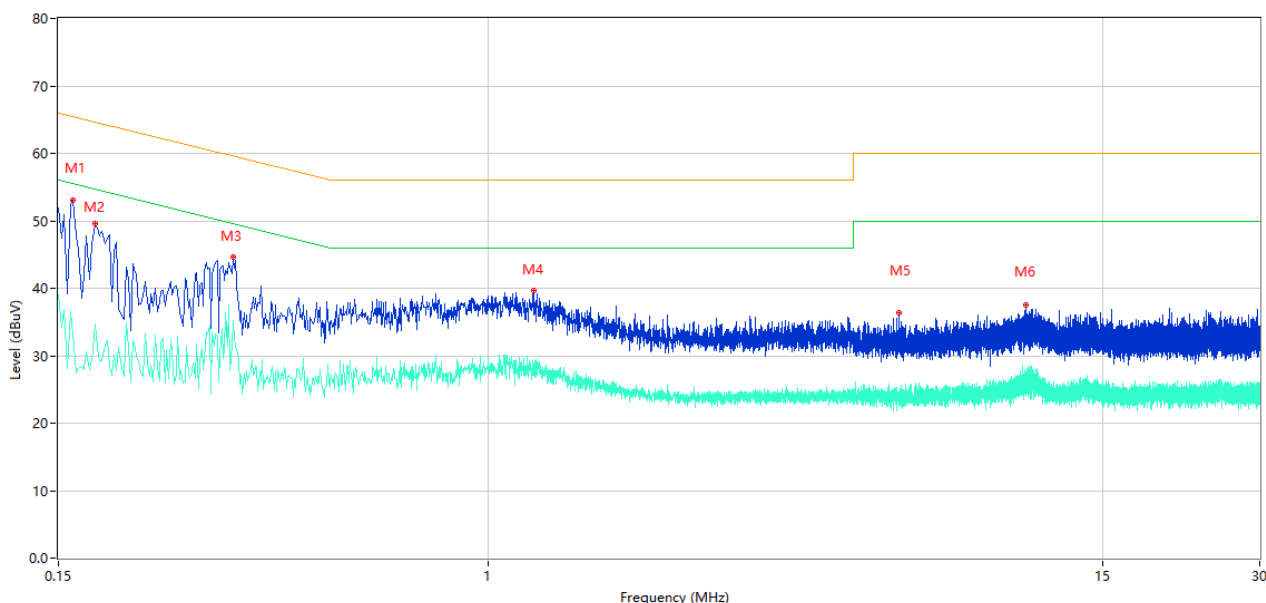
A.5 Conducted Emissions

Note ¹: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note ²: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

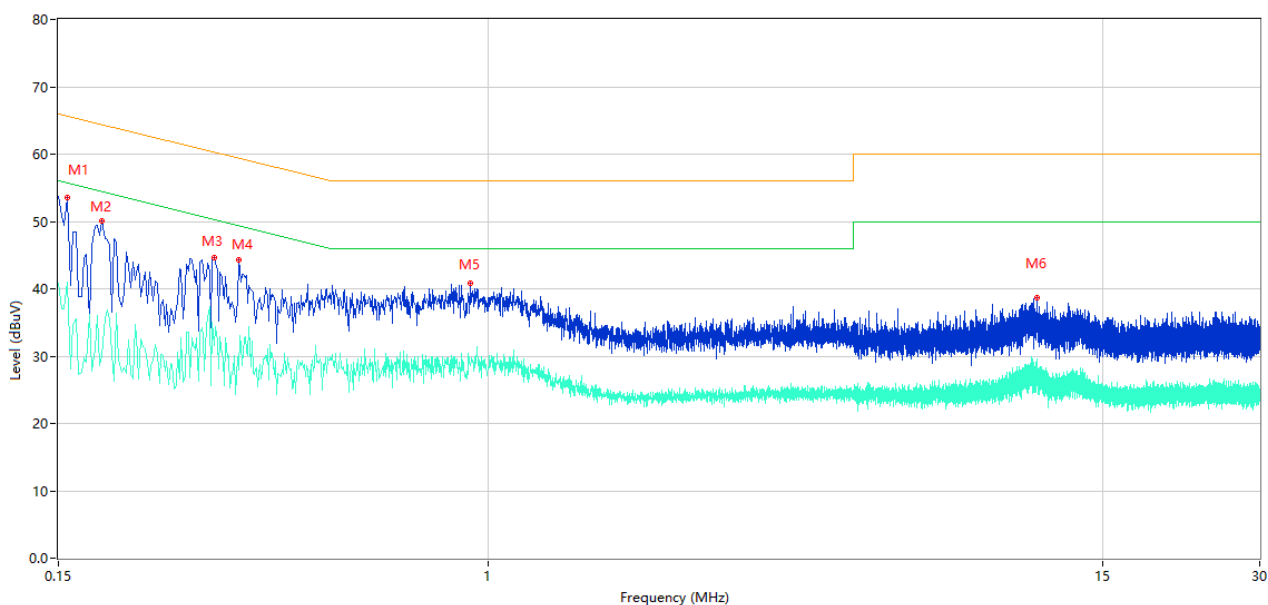
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.160	53.11	10.40	65.46	-12.35	Peak	L	Pass
1**	0.160	33.29	10.40	55.46	-22.17	AV	L	Pass
2	0.176	49.60	10.39	64.67	-15.07	Peak	L	Pass
2**	0.176	34.75	10.39	54.67	-19.92	AV	L	Pass
3	0.324	44.61	10.33	59.60	-14.99	Peak	L	Pass
3**	0.324	35.16	10.33	49.60	-14.44	AV	L	Pass
4	1.218	39.61	10.25	56.00	-16.39	Peak	L	Pass
4**	1.218	28.42	10.25	46.00	-17.58	AV	L	Pass
5	6.120	36.40	10.32	60.00	-23.60	Peak	L	Pass
5**	6.120	23.46	10.32	50.00	-26.54	AV	L	Pass
6	10.710	37.49	10.38	60.00	-22.51	Peak	L	Pass
6**	10.710	27.52	10.38	50.00	-22.48	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Over Limit (dB)	Detector	Line	Verdict
1	0.156	53.63	10.41	65.67	-12.04	Peak	N	Pass
1**	0.156	40.92	10.41	55.67	-14.75	AV	N	Pass
2	0.182	50.07	10.39	64.39	-14.32	Peak	N	Pass
2**	0.182	30.13	10.39	54.39	-24.26	AV	N	Pass
3	0.298	44.63	10.33	60.30	-15.67	Peak	N	Pass
3**	0.298	31.50	10.33	50.30	-18.80	AV	N	Pass
4	0.332	44.26	10.33	59.40	-15.14	Peak	N	Pass
4**	0.332	27.87	10.33	49.40	-21.53	AV	N	Pass
5	0.924	40.88	10.24	56.00	-15.12	Peak	N	Pass
5**	0.924	28.94	10.24	46.00	-17.06	AV	N	Pass
6	11.232	38.72	10.38	60.00	-21.28	Peak	N	Pass
6**	11.232	27.65	10.38	50.00	-22.35	AV	N	Pass

A.6 Radiated Emission

Note¹: The symbol of “--” in the table which means not application.

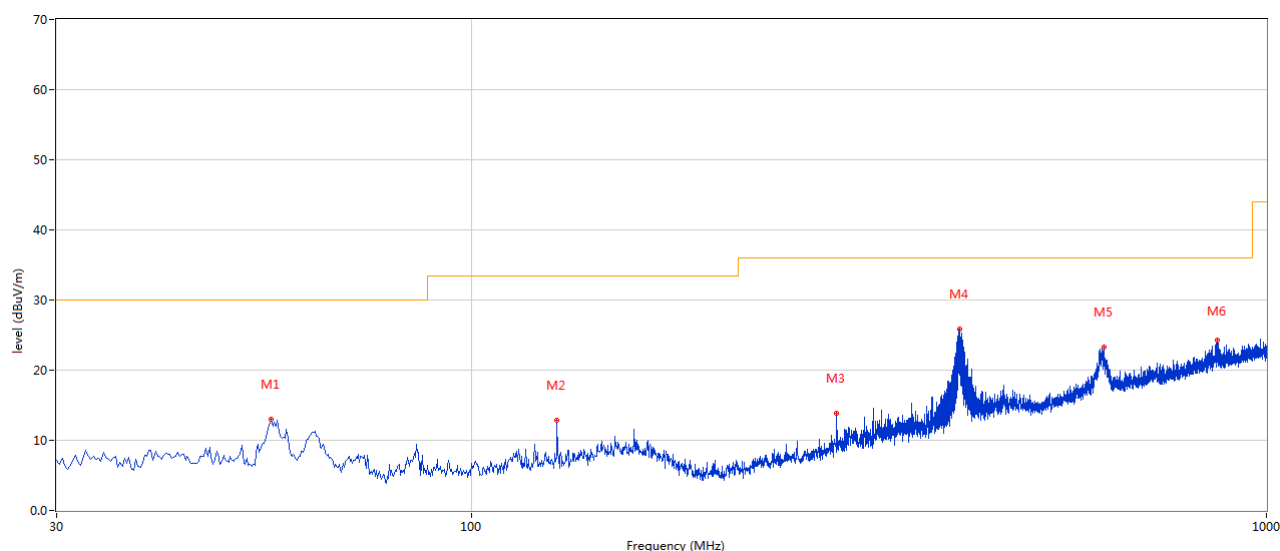
Note²: For the test data above 1 GHz, According the ANSI C63.10-2013, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note³: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note⁴: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

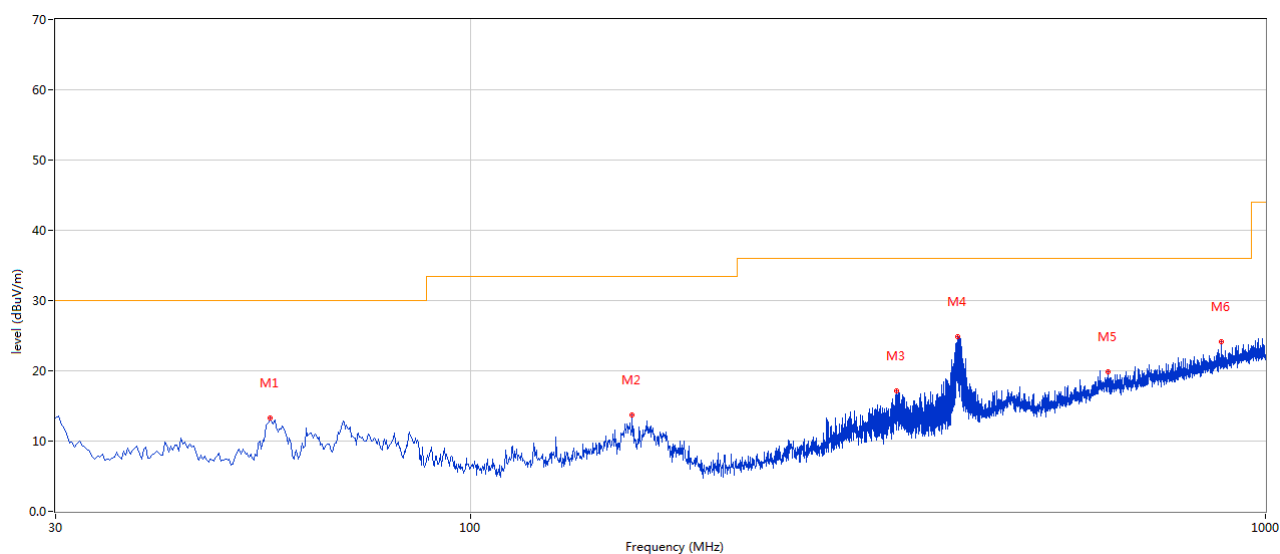
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	55.941	12.98	-27.51	30.0	-17.02	Peak	302.00	200	Horizontal	Pass
2	127.946	12.80	-27.34	33.5	-20.70	Peak	261.00	200	Horizontal	Pass
3	287.956	13.82	-26.09	36.0	-22.18	Peak	282.00	200	Horizontal	Pass
4	411.600	25.80	-22.80	36.0	-10.20	Peak	186.00	200	Horizontal	Pass
5	623.734	23.26	-17.43	36.0	-12.74	Peak	154.00	100	Horizontal	Pass
6	867.386	24.23	-12.82	36.0	-11.77	Peak	235.00	100	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	55.941	13.27	-27.51	30.0	-16.73	Peak	310.00	100	Vertical	Pass
2	159.463	13.69	-25.83	33.5	-19.81	Peak	215.00	100	Vertical	Pass
3	343.474	17.21	-24.51	36.0	-18.79	Peak	73.00	100	Vertical	Pass
4	410.387	24.91	-22.71	36.0	-11.09	Peak	139.00	100	Vertical	Pass
5	634.644	19.88	-17.17	36.0	-16.12	Peak	89.00	100	Vertical	Pass
6	879.993	24.09	-12.98	36.0	-11.91	Peak	287.00	200	Vertical	Pass

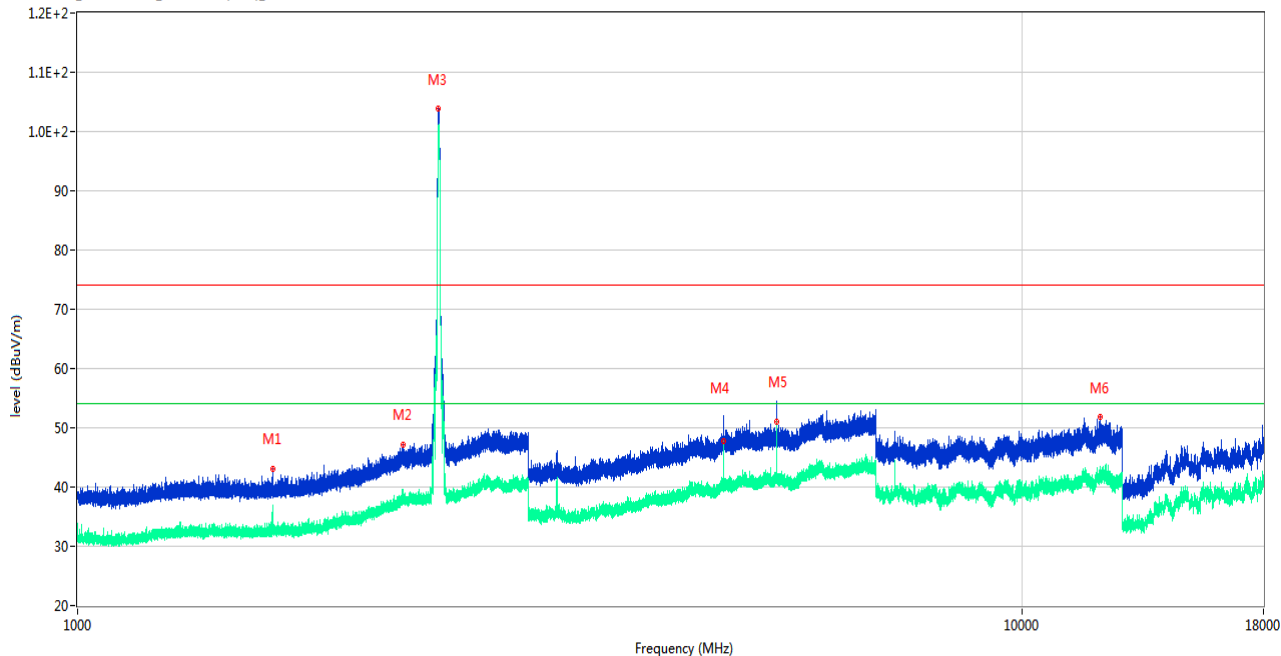
Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal.

Note 2: The spurious above 12.75G is noise only, do not show on the report.

Main Antenna

1 GHz to 12.75 GHz, ANT H 802.11b Low Channel

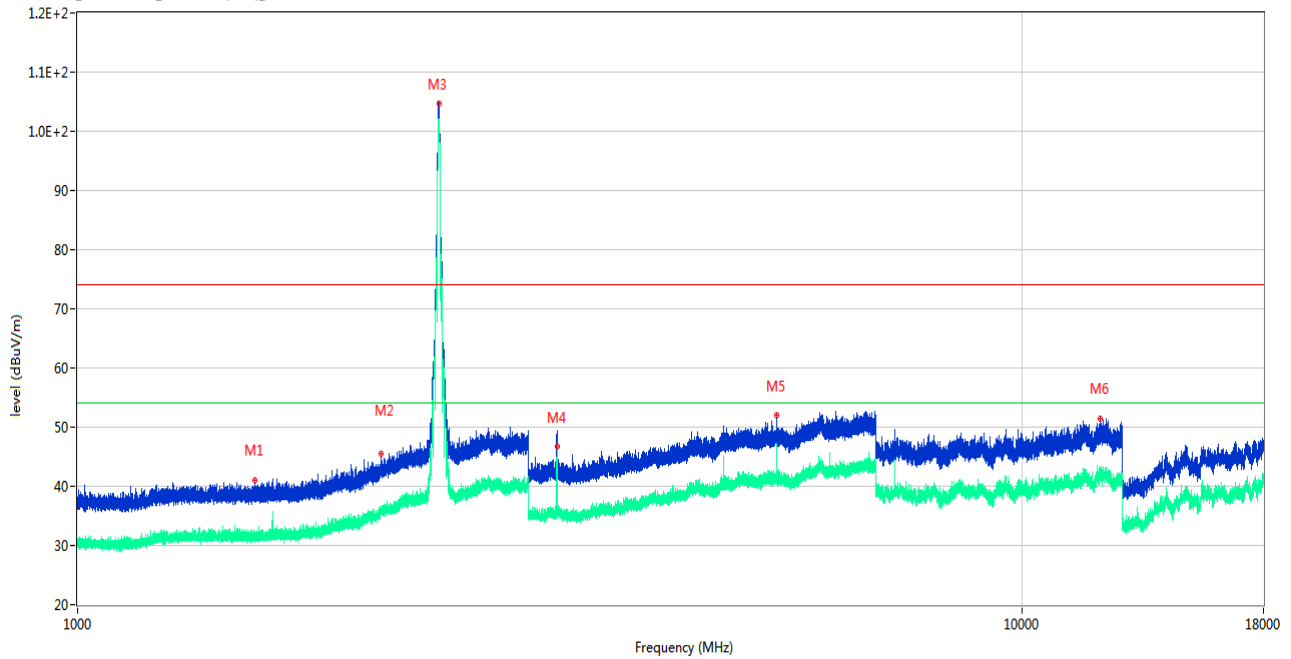
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.100	42.98	-18.00	74.0	-31.02	Peak	117.00	150	Horizontal	Pass
1**	1608.100	36.75	-18.00	54.0	-17.25	AV	117.00	150	Horizontal	Pass
2	2209.600	47.22	-13.37	74.0	-26.78	Peak	151.00	150	Horizontal	Pass
2**	2209.600	37.07	-13.37	54.0	-16.93	AV	151.00	150	Horizontal	Pass
3	2410.900	103.85	-13.46	74.0	29.85	Peak	310.00	150	Horizontal	N/A
3**	2410.900	101.03	-13.46	54.0	47.03	AV	310.00	150	Horizontal	N/A
4	4824.200	51.58	-4.06	74.0	-22.42	Peak	84.00	150	Horizontal	Pass
4**	4824.200	47.83	-4.06	54.0	-6.17	AV	84.00	150	Horizontal	Pass
5	5500.200	53.53	-3.15	74.0	-20.47	Peak	84.00	150	Horizontal	Pass
5**	5500.200	51.00	-3.15	54.0	-3.00	AV	84.00	150	Horizontal	Pass
6	12103.412	51.83	-0.97	74.0	-22.17	Peak	40.00	150	Horizontal	Pass
6**	12103.412	41.92	-0.97	54.0	-12.08	AV	40.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11b Low Channel

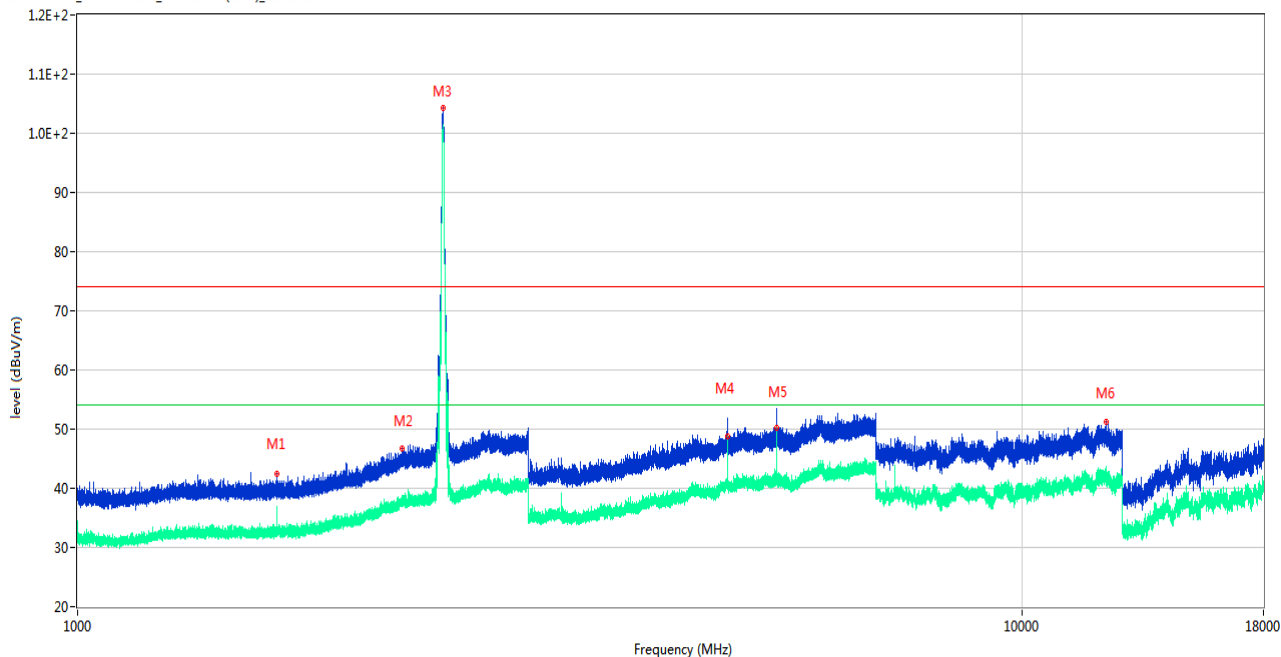
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1541.200	41.09	-18.04	74.0	-32.91	Peak	24.00	150	Vertical	Pass
1**	1541.200	31.85	-18.04	54.0	-22.15	AV	24.00	150	Vertical	Pass
2	2095.200	45.50	-14.78	74.0	-28.50	Peak	310.00	150	Vertical	Pass
2**	2095.200	36.23	-14.78	54.0	-17.77	AV	310.00	150	Vertical	Pass
3	2413.000	104.76	-13.52	74.0	30.76	Peak	272.00	150	Vertical	N/A
3**	2413.000	101.98	-13.52	54.0	47.98	AV	272.00	150	Vertical	N/A
4	3216.200	49.18	-8.48	74.0	-24.82	Peak	33.00	150	Vertical	Pass
4**	3216.200	46.64	-8.48	54.0	-7.36	AV	33.00	150	Vertical	Pass
5	5500.600	52.03	-3.17	74.0	-21.97	Peak	310.00	150	Vertical	Pass
5**	5500.600	45.82	-3.17	54.0	-8.18	AV	310.00	150	Vertical	Pass
6	12102.550	51.34	-0.98	74.0	-22.66	Peak	97.00	150	Vertical	Pass
6**	12102.550	43.32	-0.98	54.0	-10.68	AV	97.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11b Middle Channel

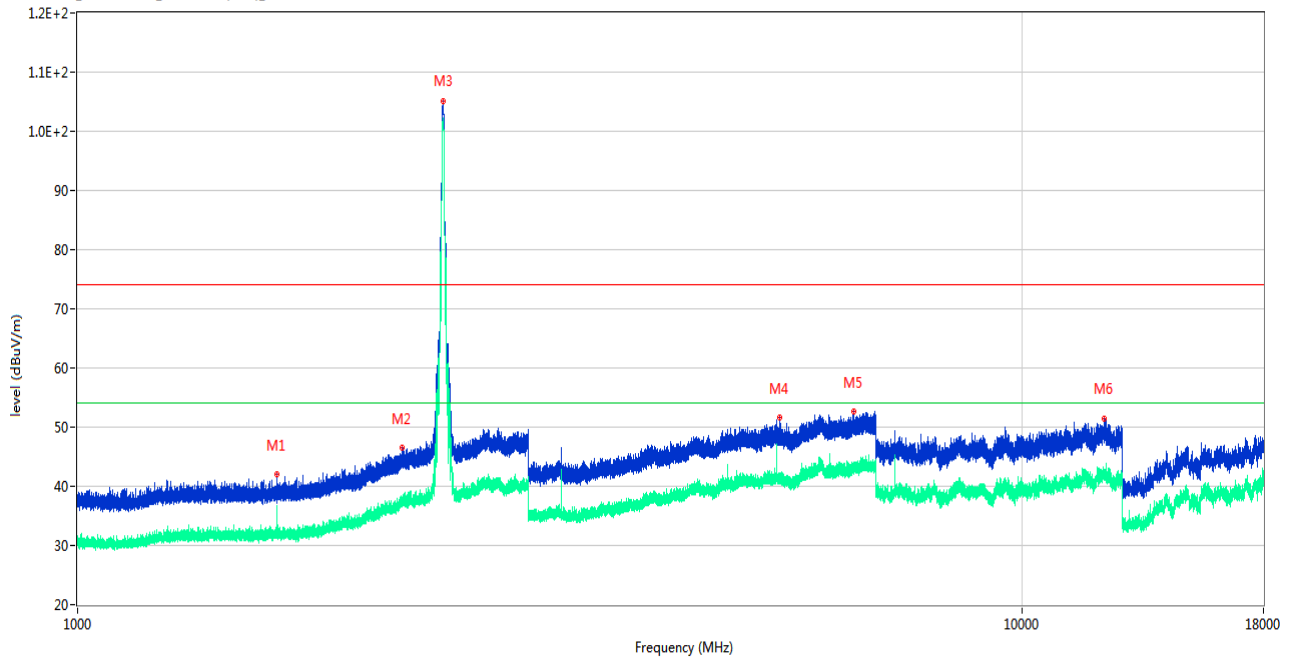
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1625.000	42.54	-18.03	74.0	-31.46	Peak	286.00	150	Horizontal	Pass
1**	1625.000	36.45	-18.03	54.0	-17.55	AV	286.00	150	Horizontal	Pass
2	2206.900	46.78	-13.40	74.0	-27.22	Peak	110.00	150	Horizontal	Pass
2**	2206.900	37.84	-13.40	54.0	-16.16	AV	110.00	150	Horizontal	Pass
3	2435.500	104.19	-13.54	74.0	30.19	Peak	335.00	150	Horizontal	N/A
3**	2435.500	101.31	-13.54	54.0	47.31	AV	335.00	150	Horizontal	N/A
4	4874.000	51.67	-4.01	74.0	-22.33	Peak	157.00	150	Horizontal	Pass
4**	4874.000	48.81	-4.01	54.0	-5.19	AV	157.00	150	Horizontal	Pass
5	5500.000	52.51	-3.14	74.0	-21.49	Peak	65.00	150	Horizontal	Pass
5**	5500.000	50.30	-3.14	54.0	-3.70	AV	65.00	150	Horizontal	Pass
6	12275.049	51.29	0.08	74.0	-22.71	Peak	85.00	150	Horizontal	Pass
6**	12275.049	41.62	0.08	54.0	-12.38	AV	85.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11b Middle Channel

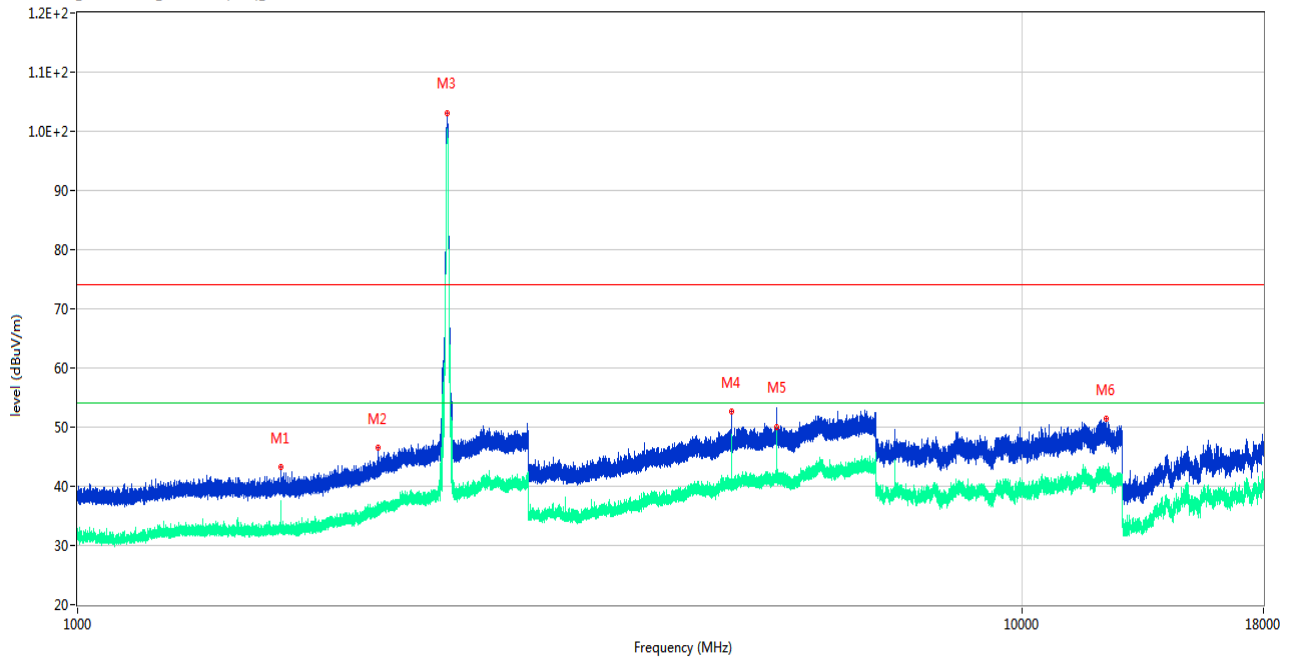
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1624.600	41.94	-18.03	74.0	-32.06	Peak	153.00	150	Vertical	Pass
1**	1624.600	35.23	-18.03	54.0	-18.77	AV	153.00	150	Vertical	Pass
2	2204.600	46.45	-13.46	74.0	-27.55	Peak	153.00	150	Vertical	Pass
2**	2204.600	37.22	-13.46	54.0	-16.78	AV	153.00	150	Vertical	Pass
3	2435.700	105.08	-13.52	74.0	31.08	Peak	278.00	150	Vertical	N/A
3**	2435.700	102.22	-13.52	54.0	48.22	AV	278.00	150	Vertical	N/A
4	5534.800	51.58	-3.78	74.0	-22.42	Peak	120.00	150	Vertical	Pass
4**	5534.800	40.88	-3.78	54.0	-13.12	AV	120.00	150	Vertical	Pass
5	6635.600	52.65	-1.15	74.0	-21.35	Peak	132.00	150	Vertical	Pass
5**	6635.600	42.50	-1.15	54.0	-11.50	AV	132.00	150	Vertical	Pass
6	12221.862	51.49	-0.28	74.0	-22.51	Peak	61.00	150	Vertical	Pass
6**	12221.862	42.08	-0.28	54.0	-11.92	AV	61.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11b High Channel

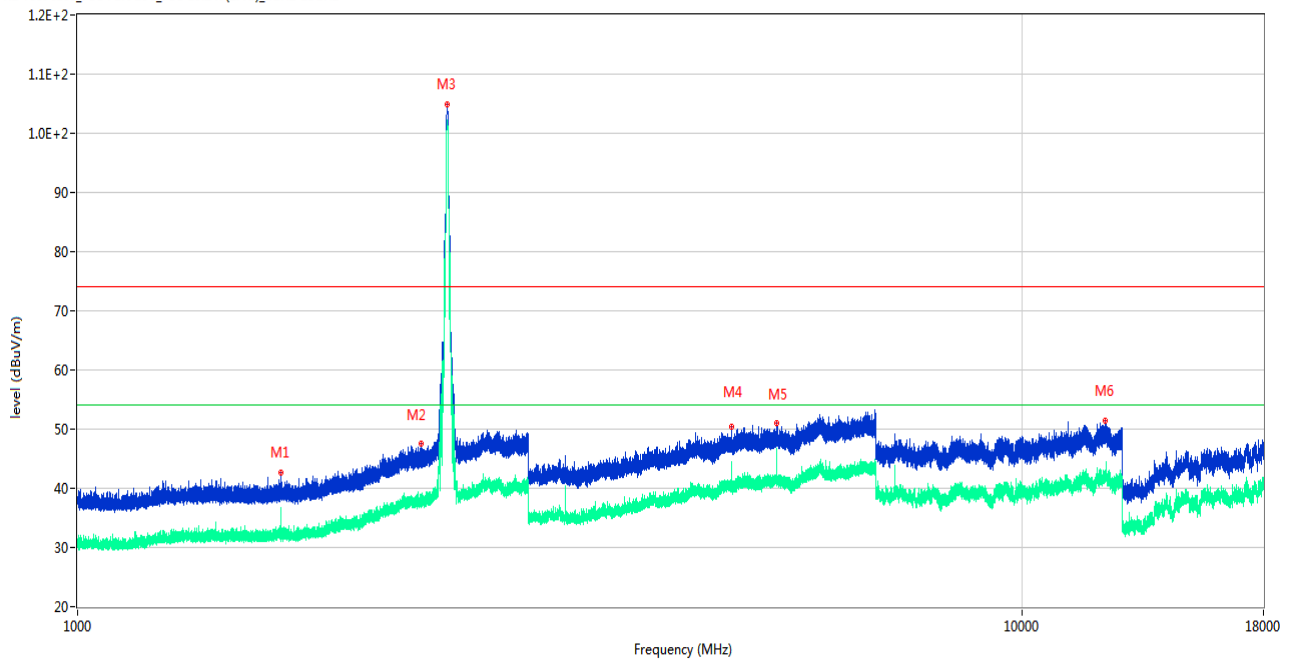
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1641.500	43.19	-18.14	74.0	-30.81	Peak	313.00	150	Horizontal	Pass
1**	1641.500	37.65	-18.14	54.0	-16.35	AV	313.00	150	Horizontal	Pass
2	2080.400	46.44	-15.40	74.0	-27.56	Peak	323.00	150	Horizontal	Pass
2**	2080.400	35.58	-15.40	54.0	-18.42	AV	323.00	150	Horizontal	Pass
3	2460.500	103.03	-13.91	74.0	29.03	Peak	333.00	150	Horizontal	N/A
3**	2460.500	99.97	-13.91	54.0	45.97	AV	333.00	150	Horizontal	N/A
4	4924.000	52.72	-4.13	74.0	-21.28	Peak	66.00	150	Horizontal	Pass
4**	4924.000	48.79	-4.13	54.0	-5.21	AV	66.00	150	Horizontal	Pass
5	5500.200	52.58	-3.15	74.0	-21.42	Peak	81.00	150	Horizontal	Pass
5**	5500.200	49.90	-3.15	54.0	-4.10	AV	81.00	150	Horizontal	Pass
6	12270.737	51.40	0.07	74.0	-22.60	Peak	196.00	150	Horizontal	Pass
6**	12270.737	42.83	0.07	54.0	-11.17	AV	196.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11b High Channel

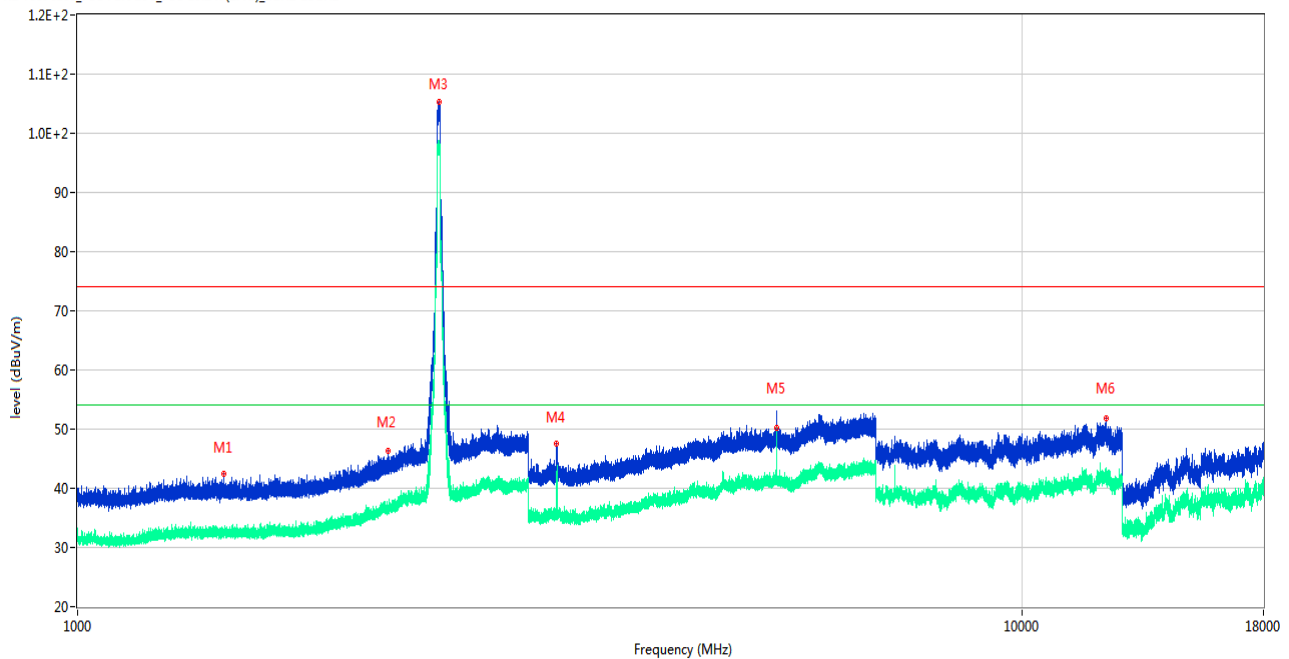
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1641.400	42.66	-18.14	74.0	-31.34	Peak	144.00	150	Vertical	Pass
1**	1641.400	36.77	-18.14	54.0	-17.23	AV	144.00	150	Vertical	Pass
2	2312.200	47.58	-13.52	74.0	-26.42	Peak	164.00	150	Vertical	Pass
2**	2312.200	37.53	-13.52	54.0	-16.47	AV	164.00	150	Vertical	Pass
3	2460.800	104.96	-13.91	74.0	30.96	Peak	86.00	150	Vertical	N/A
3**	2460.800	102.07	-13.91	54.0	48.07	AV	86.00	150	Vertical	N/A
4	4924.000	50.41	-4.13	74.0	-23.59	Peak	71.00	150	Vertical	Pass
4**	4924.000	43.62	-4.13	54.0	-10.38	AV	71.00	150	Vertical	Pass
5	5500.200	51.07	-3.15	74.0	-22.93	Peak	234.00	150	Vertical	Pass
5**	5500.200	45.60	-3.15	54.0	-8.40	AV	234.00	150	Vertical	Pass
6	12242.275	51.45	-0.27	74.0	-22.55	Peak	126.00	150	Vertical	Pass
6**	12242.275	42.48	-0.27	54.0	-11.52	AV	126.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11g Low Channel

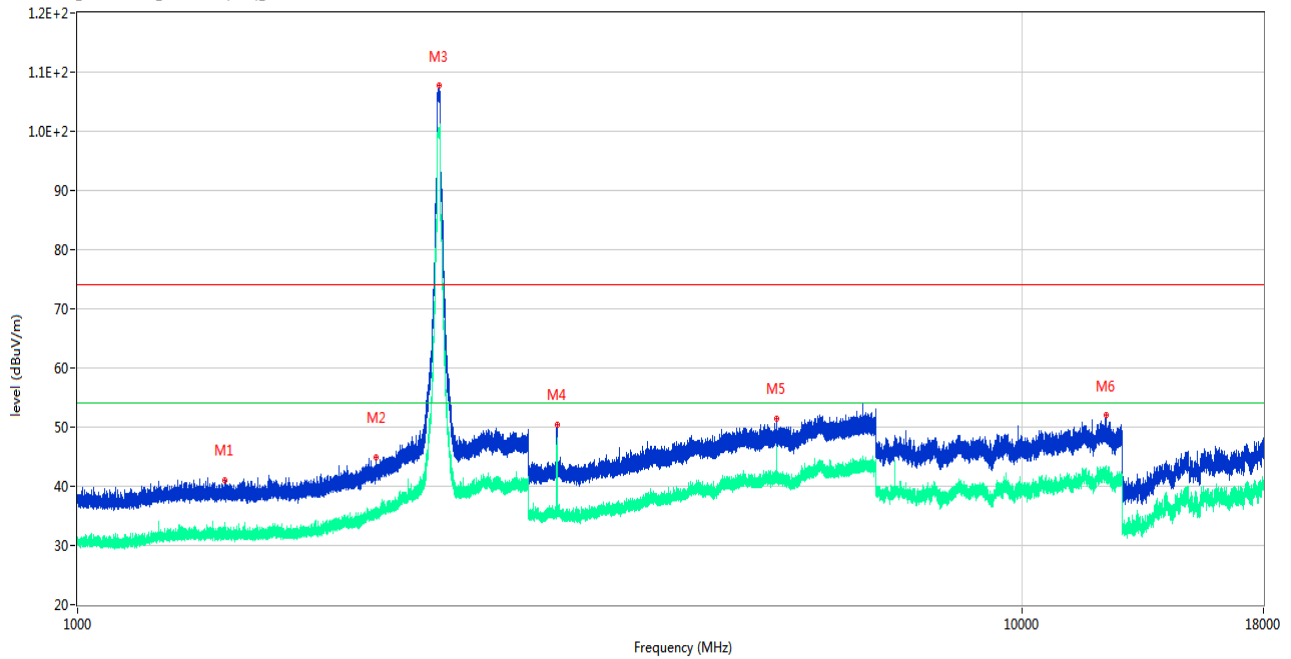
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1427.800	42.43	-17.72	74.0	-31.57	Peak	239.00	150	Horizontal	Pass
1**	1427.800	32.51	-17.72	54.0	-21.49	AV	239.00	150	Horizontal	Pass
2	2132.000	46.25	-14.65	74.0	-27.75	Peak	214.00	150	Horizontal	Pass
2**	2132.000	37.10	-14.65	54.0	-16.90	AV	214.00	150	Horizontal	Pass
3	2415.100	105.35	-13.48	74.0	31.35	Peak	307.00	150	Horizontal	N/A
3**	2415.100	97.93	-13.48	54.0	43.93	AV	307.00	150	Horizontal	N/A
4	3215.600	47.62	-8.55	74.0	-26.38	Peak	311.00	150	Horizontal	Pass
4**	3215.600	40.90	-8.55	54.0	-13.10	AV	311.00	150	Horizontal	Pass
5	5500.200	53.08	-3.15	74.0	-20.92	Peak	86.00	150	Horizontal	Pass
5**	5500.200	50.20	-3.15	54.0	-3.80	AV	86.00	150	Horizontal	Pass
6	12272.175	51.74	0.07	74.0	-22.26	Peak	326.00	150	Horizontal	Pass
6**	12272.175	42.96	0.07	54.0	-11.04	AV	326.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11g Low Channel

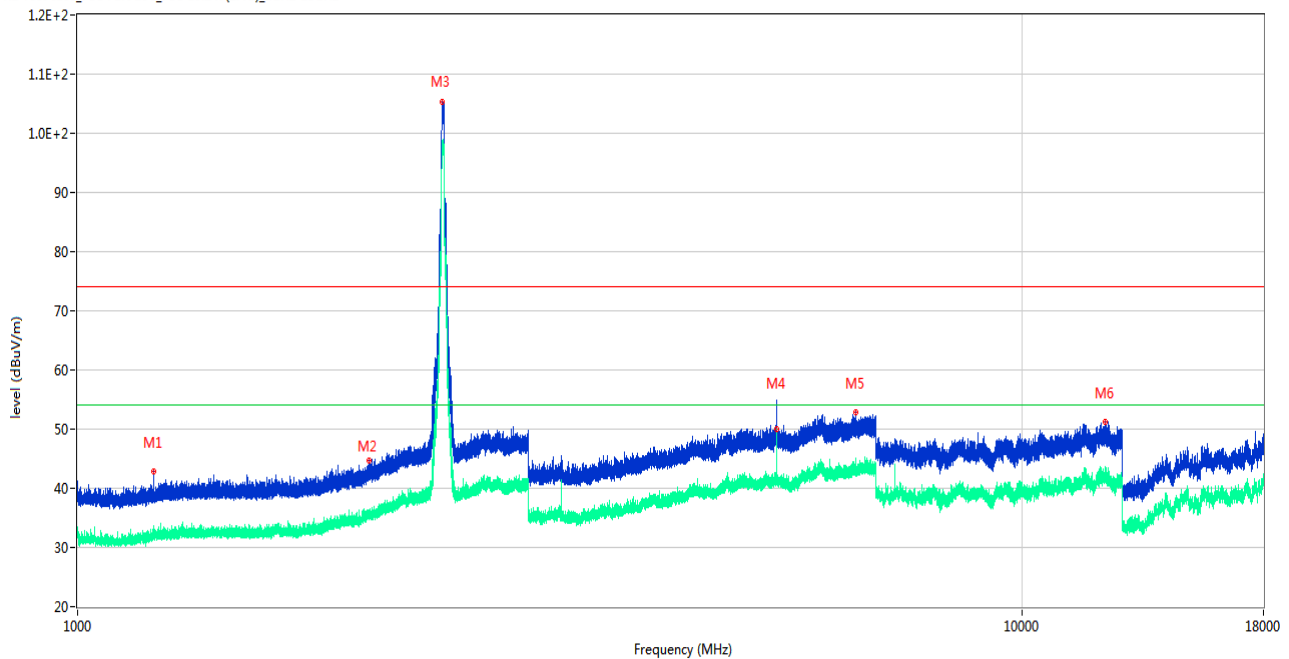
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1430.200	40.92	-17.72	74.0	-33.08	Peak	249.00	150	Vertical	Pass
1**	1430.200	32.23	-17.72	54.0	-21.77	AV	249.00	150	Vertical	Pass
2	2068.800	44.80	-15.50	74.0	-29.20	Peak	0.00	150	Vertical	Pass
2**	2068.800	35.38	-15.50	54.0	-18.62	AV	0.00	150	Vertical	Pass
3	2414.900	107.73	-13.49	74.0	33.73	Peak	95.00	150	Vertical	N/A
3**	2414.900	99.69	-13.49	54.0	45.69	AV	95.00	150	Vertical	N/A
4	3216.000	50.42	-8.51	74.0	-23.58	Peak	41.00	150	Vertical	Pass
4**	3216.000	47.70	-8.51	54.0	-6.30	AV	41.00	150	Vertical	Pass
5	5500.200	51.36	-3.15	74.0	-22.64	Peak	258.00	150	Vertical	Pass
5**	5500.200	46.20	-3.15	54.0	-7.80	AV	258.00	150	Vertical	Pass
6	12267.575	51.98	0.06	74.0	-22.02	Peak	327.00	150	Vertical	Pass
6**	12267.575	43.21	0.06	54.0	-10.79	AV	327.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11g Middle Channel

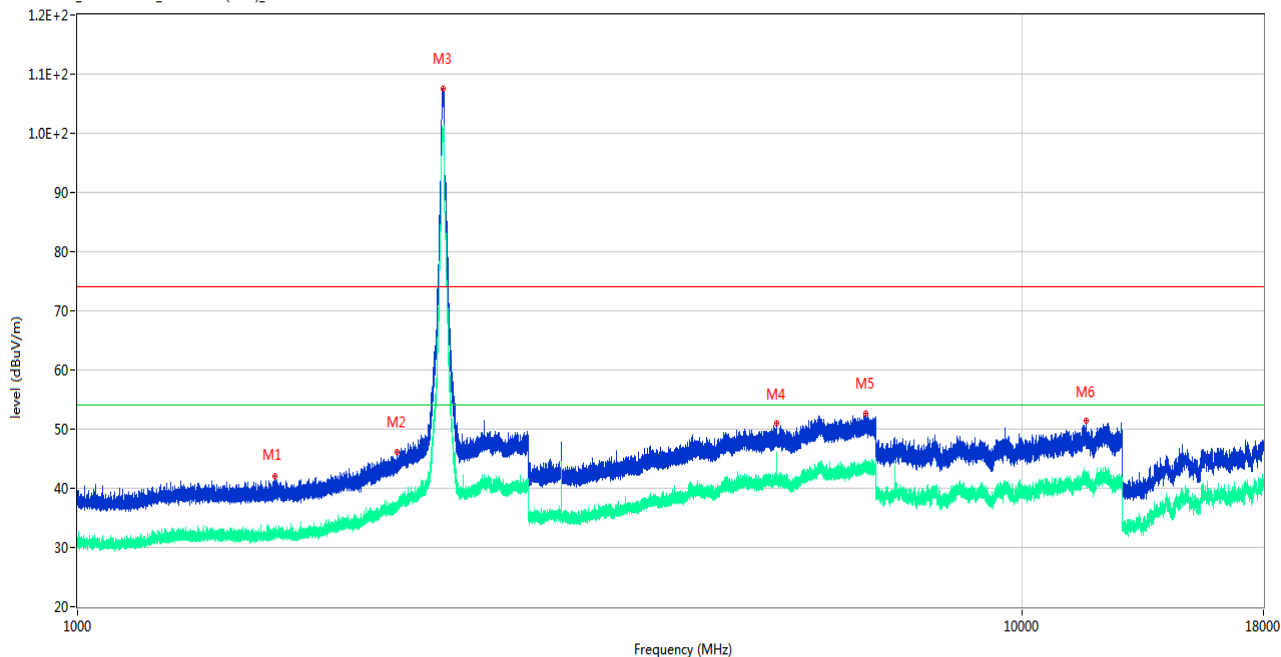
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1204.800	42.86	-18.15	74.0	-31.14	Peak	112.00	150	Horizontal	Pass
1**	1204.800	32.44	-18.15	54.0	-21.56	AV	112.00	150	Horizontal	Pass
2	2036.800	44.66	-15.61	74.0	-29.34	Peak	101.00	150	Horizontal	Pass
2**	2036.800	34.99	-15.61	54.0	-19.01	AV	101.00	150	Horizontal	Pass
3	2430.200	105.37	-13.56	74.0	31.37	Peak	330.00	150	Horizontal	N/A
3**	2430.200	97.11	-13.56	54.0	43.11	AV	330.00	150	Horizontal	N/A
4	5500.000	53.10	-3.14	74.0	-20.90	Peak	82.00	150	Horizontal	Pass
4**	5500.000	49.97	-3.14	54.0	-4.03	AV	82.00	150	Horizontal	Pass
5	6660.000	52.90	-1.41	74.0	-21.10	Peak	0.00	150	Horizontal	Pass
5**	6660.000	42.73	-1.41	54.0	-11.27	AV	0.00	150	Horizontal	Pass
6	12239.974	51.23	-0.32	74.0	-22.77	Peak	27.00	150	Horizontal	Pass
6**	12239.974	42.77	-0.32	54.0	-11.23	AV	27.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11g Middle Channel

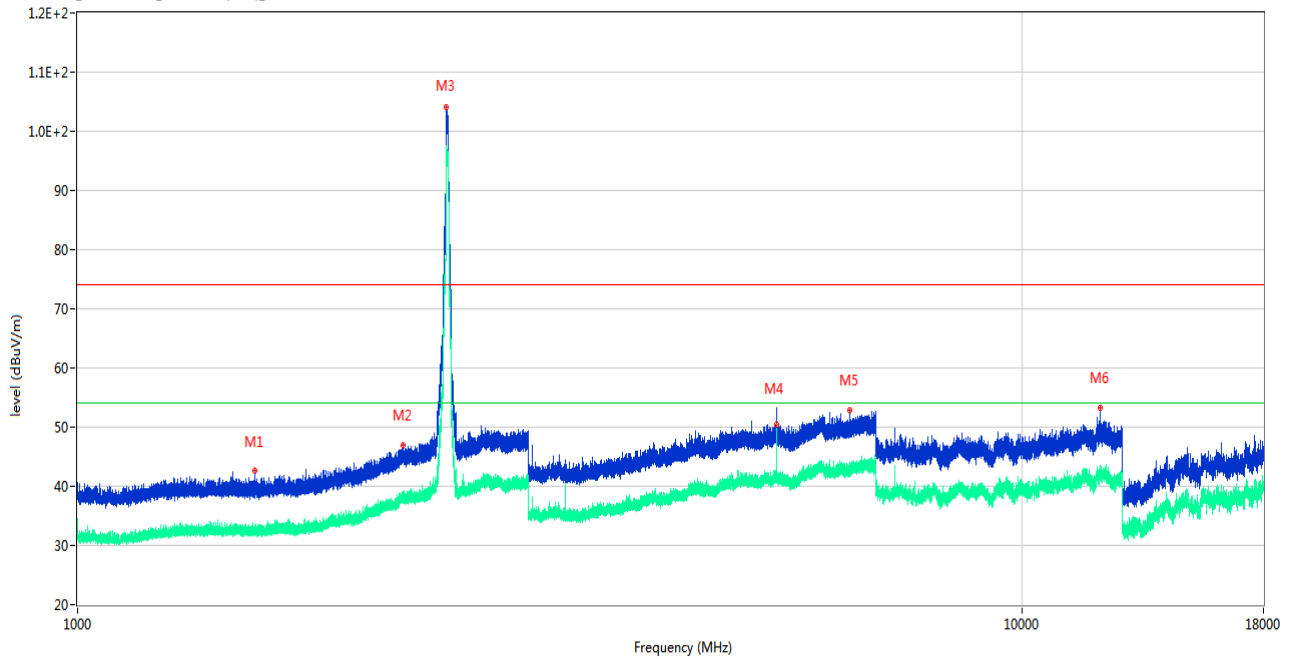
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.400	41.99	-17.93	74.0	-32.01	Peak	196.00	150	Vertical	Pass
1**	1619.400	32.65	-17.93	54.0	-21.35	AV	196.00	150	Vertical	Pass
2	2180.400	46.10	-14.25	74.0	-27.90	Peak	333.00	150	Vertical	Pass
2**	2180.400	36.97	-14.25	54.0	-17.03	AV	333.00	150	Vertical	Pass
3	2440.000	107.63	-13.41	74.0	33.63	Peak	281.00	150	Vertical	N/A
3**	2440.000	99.73	-13.41	54.0	45.73	AV	281.00	150	Vertical	N/A
4	5500.200	51.07	-3.15	74.0	-22.93	Peak	257.00	150	Vertical	Pass
4**	5500.200	45.42	-3.15	54.0	-8.58	AV	257.00	150	Vertical	Pass
5	6822.800	52.70	-1.31	74.0	-21.30	Peak	205.00	150	Vertical	Pass
5**	6822.800	43.91	-1.31	54.0	-10.09	AV	205.00	150	Vertical	Pass
6	11673.600	51.52	-0.81	74.0	-22.48	Peak	344.00	150	Vertical	Pass
6**	11673.600	42.13	-0.81	54.0	-11.87	AV	344.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11g High Channel

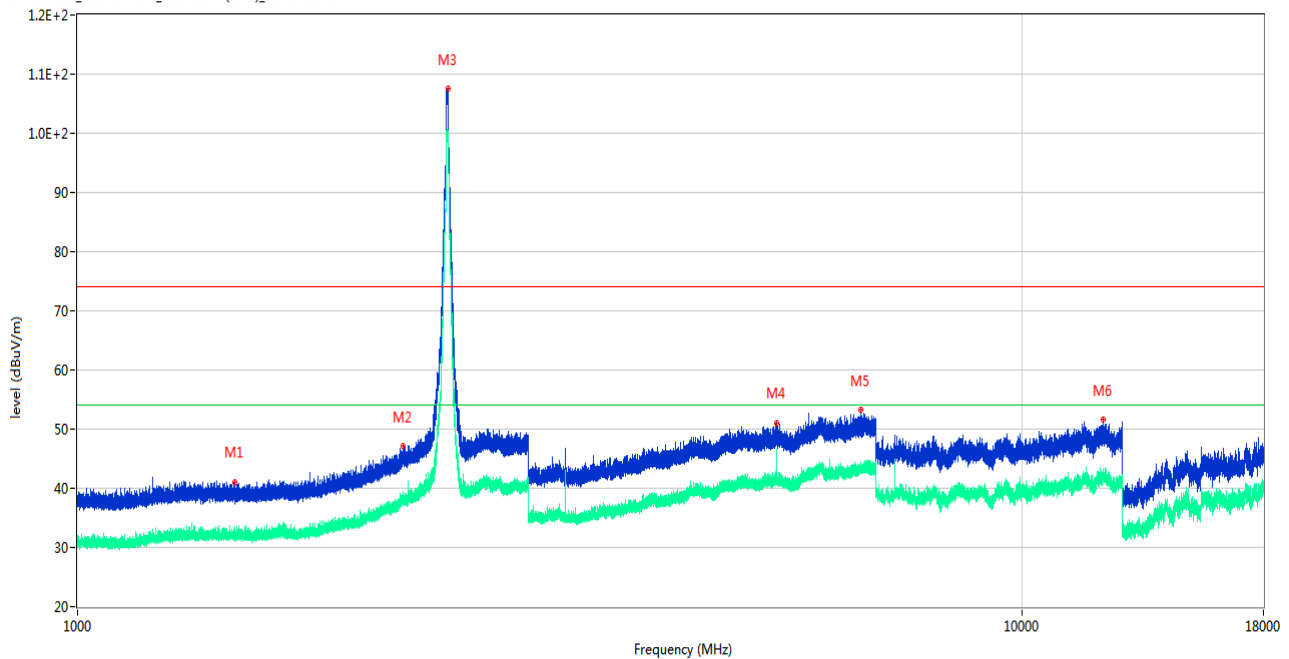
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.300	42.63	-18.00	74.0	-31.37	Peak	292.00	150	Horizontal	Pass
1**	1542.300	33.40	-18.00	54.0	-20.60	AV	292.00	150	Horizontal	Pass
2	2213.100	46.97	-13.33	74.0	-27.03	Peak	253.00	150	Horizontal	Pass
2**	2213.100	37.86	-13.33	54.0	-16.14	AV	253.00	150	Horizontal	Pass
3	2456.500	104.09	-13.79	74.0	30.09	Peak	332.00	150	Horizontal	N/A
3**	2456.500	95.66	-13.79	54.0	41.66	AV	332.00	150	Horizontal	N/A
4	5500.200	52.53	-3.15	74.0	-21.47	Peak	92.00	150	Horizontal	Pass
4**	5500.200	50.33	-3.15	54.0	-3.67	AV	92.00	150	Horizontal	Pass
5	6572.800	52.92	-2.46	74.0	-21.08	Peak	105.00	150	Horizontal	Pass
5**	6572.800	42.64	-2.46	54.0	-11.36	AV	105.00	150	Horizontal	Pass
6	12104.275	53.27	-0.95	74.0	-20.73	Peak	344.00	150	Horizontal	Pass
6**	12104.275	42.83	-0.95	54.0	-11.17	AV	344.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11g High Channel

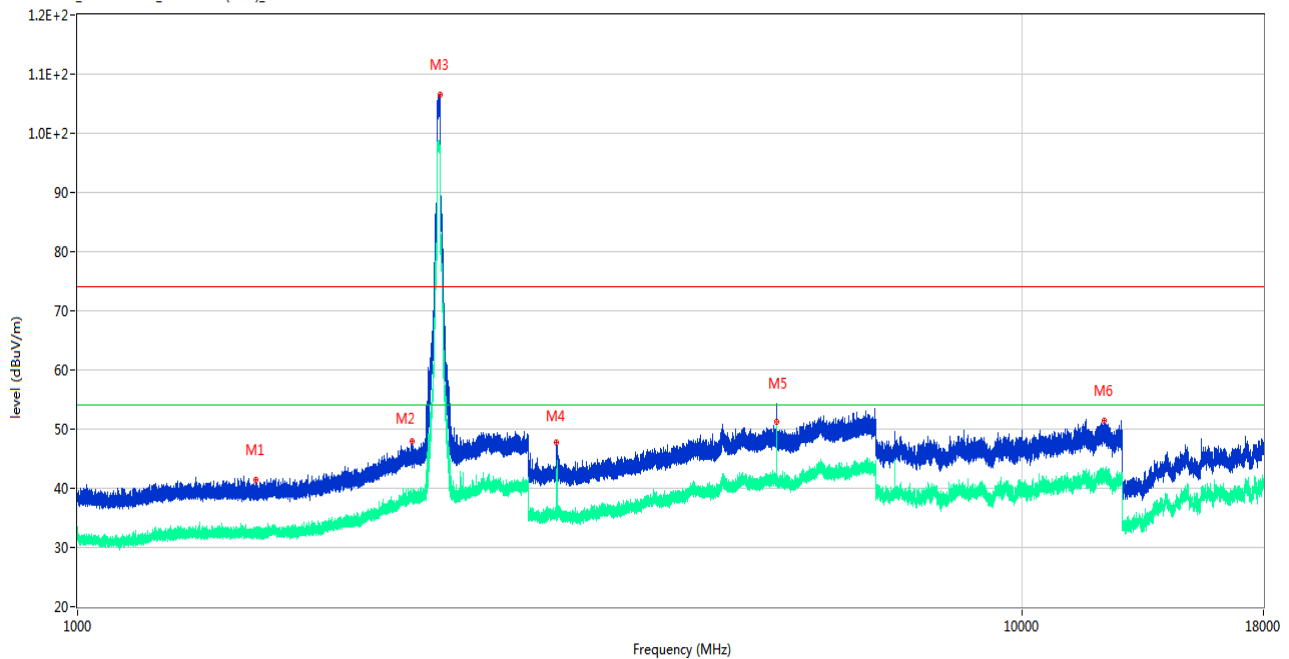
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.100	40.96	-18.00	74.0	-33.04	Peak	360.00	150	Vertical	Pass
1**	1466.100	32.10	-18.00	54.0	-21.90	AV	360.00	150	Vertical	Pass
2	2211.900	47.22	-13.32	74.0	-26.78	Peak	168.00	150	Vertical	Pass
2**	2211.900	38.23	-13.32	54.0	-15.77	AV	168.00	150	Vertical	Pass
3	2465.100	107.47	-13.72	74.0	33.47	Peak	335.00	150	Vertical	N/A
3**	2465.100	100.06	-13.72	54.0	46.06	AV	335.00	150	Vertical	N/A
4	5492.000	51.10	-2.88	74.0	-22.90	Peak	168.00	150	Vertical	Pass
4**	5492.000	41.49	-2.88	54.0	-12.51	AV	168.00	150	Vertical	Pass
5	6753.600	53.34	-1.49	74.0	-20.66	Peak	240.00	150	Vertical	Pass
5**	6753.600	43.93	-1.49	54.0	-10.07	AV	240.00	150	Vertical	Pass
6	12186.213	51.61	-0.91	74.0	-22.39	Peak	175.00	150	Vertical	Pass
6**	12186.213	41.93	-0.91	54.0	-12.07	AV	175.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n20 Low Channel

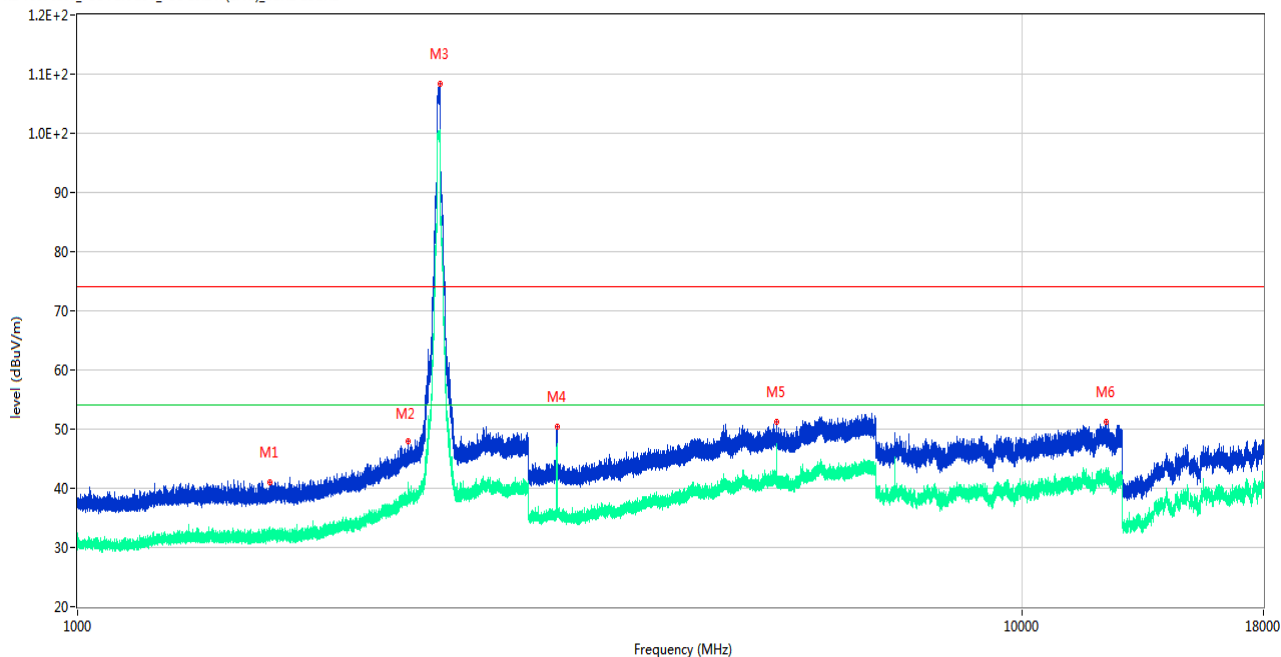
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1542.700	41.52	-17.98	74.0	-32.48	Peak	0.00	150	Horizontal	Pass
1**	1542.700	32.45	-17.98	54.0	-21.55	AV	0.00	150	Horizontal	Pass
2	2262.100	48.00	-13.46	74.0	-26.00	Peak	336.00	150	Horizontal	Pass
2**	2262.100	38.00	-13.46	54.0	-16.00	AV	336.00	150	Horizontal	Pass
3	2419.600	106.55	-13.61	74.0	32.55	Peak	321.00	150	Horizontal	N/A
3**	2419.600	97.00	-13.61	54.0	43.00	AV	321.00	150	Horizontal	N/A
4	3215.800	47.77	-8.53	74.0	-26.23	Peak	267.00	150	Horizontal	Pass
4**	3215.800	43.15	-8.53	54.0	-10.85	AV	267.00	150	Horizontal	Pass
5	5500.000	54.13	-3.14	74.0	-19.87	Peak	60.00	150	Horizontal	Pass
5**	5500.000	50.80	-3.14	54.0	-3.20	AV	60.00	150	Horizontal	Pass
6	12215.250	51.49	-0.38	74.0	-22.51	Peak	65.00	150	Horizontal	Pass
6**	12215.250	41.58	-0.38	54.0	-12.42	AV	65.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n20 Low Channel

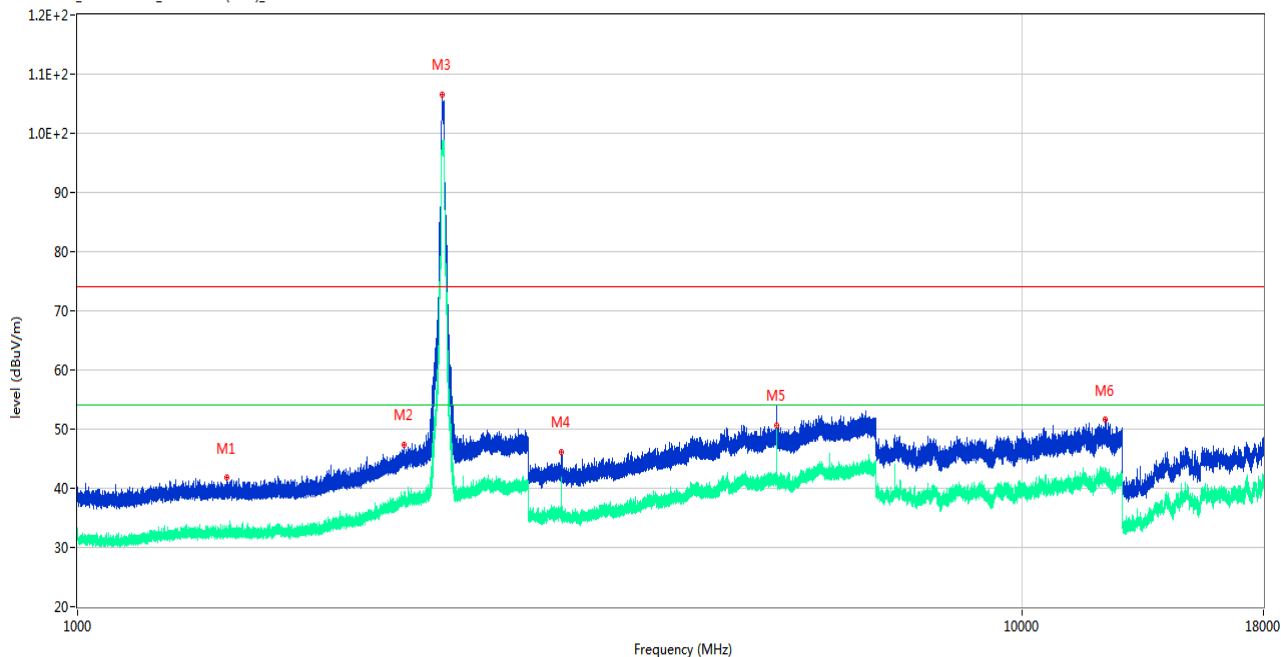
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1599.300	41.05	-17.93	74.0	-32.95	Peak	166.00	150	Vertical	Pass
1**	1599.300	31.28	-17.93	54.0	-22.72	AV	166.00	150	Vertical	Pass
2	2239.600	47.89	-13.48	74.0	-26.11	Peak	299.00	150	Vertical	Pass
2**	2239.600	39.52	-13.48	54.0	-14.48	AV	299.00	150	Vertical	Pass
3	2419.500	108.30	-13.60	74.0	34.30	Peak	268.00	150	Vertical	N/A
3**	2419.500	99.51	-13.60	54.0	45.51	AV	268.00	150	Vertical	N/A
4	3216.000	50.38	-8.51	74.0	-23.62	Peak	21.00	150	Vertical	Pass
4**	3216.000	47.53	-8.51	54.0	-6.47	AV	21.00	150	Vertical	Pass
5	5499.800	51.31	-3.13	74.0	-22.69	Peak	227.00	150	Vertical	Pass
5**	5499.800	45.60	-3.13	54.0	-8.40	AV	227.00	150	Vertical	Pass
6	12269.587	51.18	0.06	74.0	-22.82	Peak	29.00	150	Vertical	Pass
6**	12269.587	41.94	0.06	54.0	-12.06	AV	29.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n20 Middle Channel

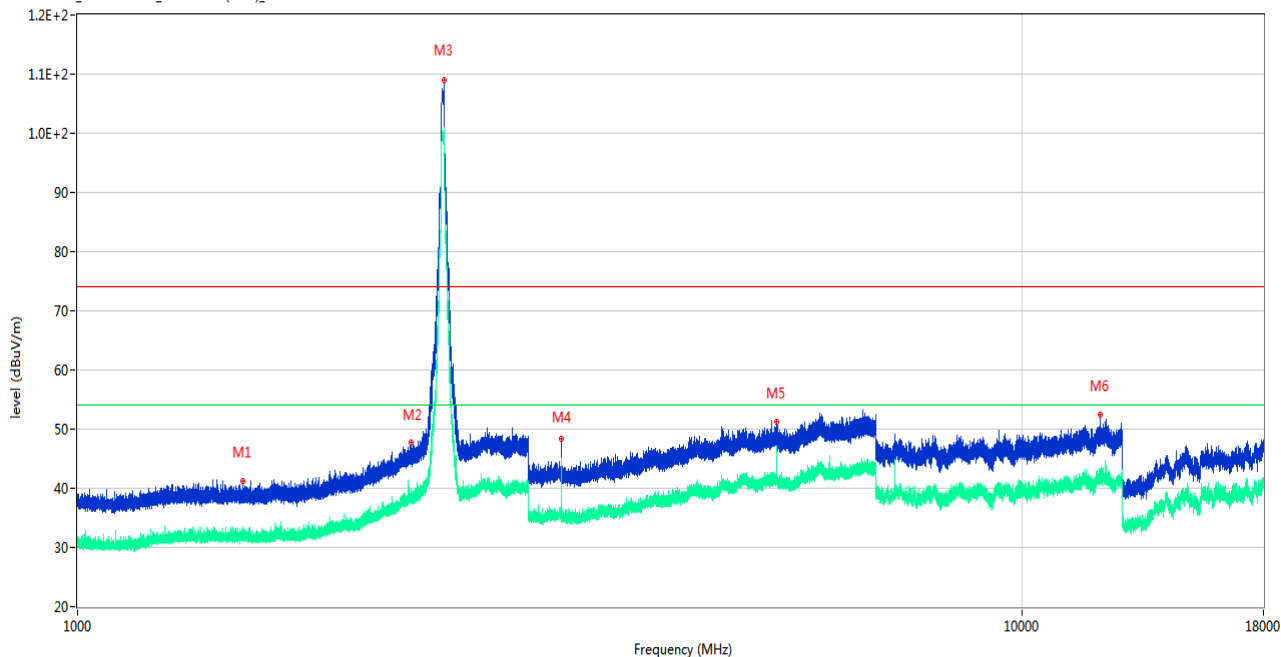
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.800	41.91	-17.79	74.0	-32.09	Peak	158.00	150	Horizontal	Pass
1**	1437.800	32.46	-17.79	54.0	-21.54	AV	158.00	150	Horizontal	Pass
2	2217.100	47.41	-13.23	74.0	-26.59	Peak	119.00	150	Horizontal	Pass
2**	2217.100	38.58	-13.23	54.0	-15.42	AV	119.00	150	Horizontal	Pass
3	2430.800	106.62	-13.56	74.0	32.62	Peak	341.00	150	Horizontal	N/A
3**	2430.800	97.44	-13.56	54.0	43.44	AV	341.00	150	Horizontal	N/A
4	3249.200	46.20	-8.68	74.0	-27.80	Peak	264.00	150	Horizontal	Pass
4**	3249.200	40.30	-8.68	54.0	-13.70	AV	264.00	150	Horizontal	Pass
5	5500.000	53.04	-3.14	74.0	-20.96	Peak	72.00	150	Horizontal	Pass
5**	5500.000	50.55	-3.14	54.0	-3.45	AV	72.00	150	Horizontal	Pass
6	12247.162	51.56	-0.16	74.0	-22.44	Peak	308.00	150	Horizontal	Pass
6**	12247.162	41.83	-0.16	54.0	-12.17	AV	308.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n20 Middle Channel

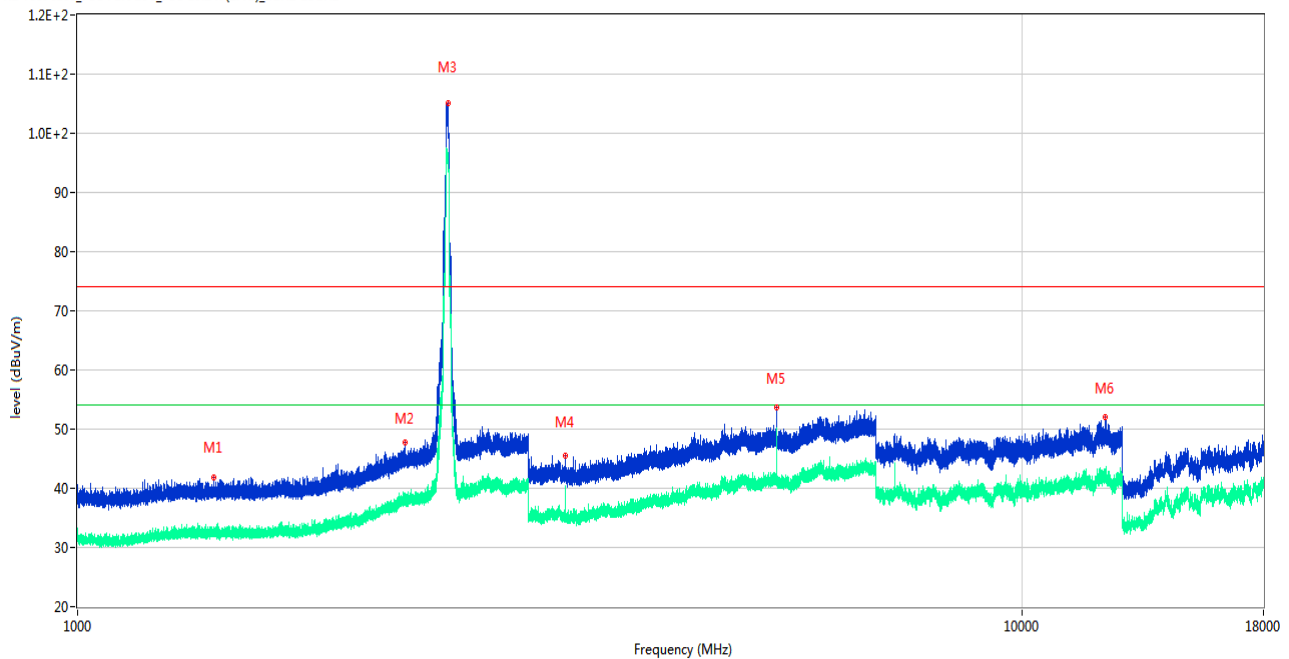
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1496.700	41.15	-17.93	74.0	-32.85	Peak	268.00	150	Vertical	Pass
1**	1496.700	31.66	-17.93	54.0	-22.34	AV	268.00	150	Vertical	Pass
2	2255.100	47.70	-13.26	74.0	-26.30	Peak	208.00	150	Vertical	Pass
2**	2255.100	38.56	-13.26	54.0	-15.44	AV	208.00	150	Vertical	Pass
3	2444.300	109.02	-13.31	74.0	35.02	Peak	51.00	150	Vertical	N/A
3**	2444.300	99.80	-13.31	54.0	45.80	AV	51.00	150	Vertical	N/A
4	3249.400	48.30	-8.70	74.0	-25.70	Peak	8.00	150	Vertical	Pass
4**	3249.400	44.83	-8.70	54.0	-9.17	AV	8.00	150	Vertical	Pass
5	5499.600	51.17	-3.12	74.0	-22.83	Peak	240.00	150	Vertical	Pass
5**	5499.600	43.78	-3.12	54.0	-10.22	AV	240.00	150	Vertical	Pass
6	12102.550	52.39	-0.98	74.0	-21.61	Peak	290.00	150	Vertical	Pass
6**	12102.550	43.01	-0.98	54.0	-10.99	AV	290.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n20 High Channel

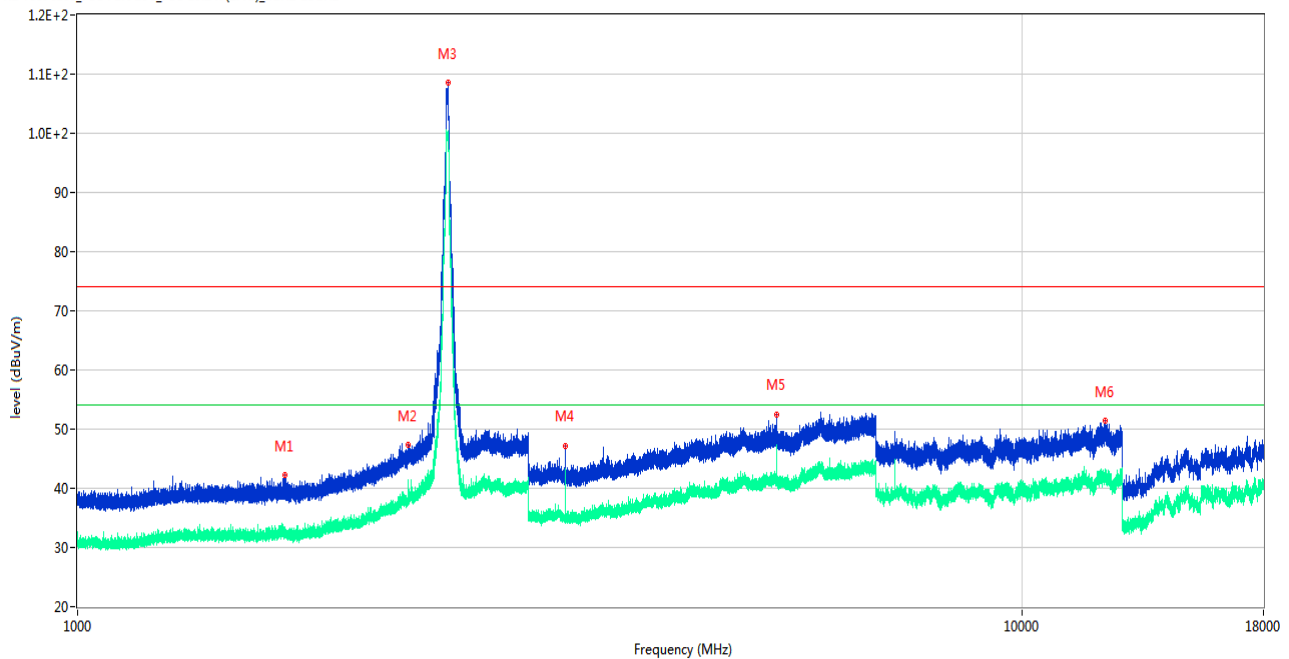
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1393.100	41.75	-17.59	74.0	-32.25	Peak	38.00	150	Horizontal	Pass
1**	1393.100	32.51	-17.59	54.0	-21.49	AV	38.00	150	Horizontal	Pass
2	2221.000	47.81	-13.39	74.0	-26.19	Peak	240.00	150	Horizontal	Pass
2**	2221.000	37.76	-13.39	54.0	-16.24	AV	240.00	150	Horizontal	Pass
3	2469.600	105.16	-13.65	74.0	31.16	Peak	340.00	150	Horizontal	N/A
3**	2469.600	95.55	-13.65	54.0	41.55	AV	340.00	150	Horizontal	N/A
4	3282.200	45.50	-9.13	74.0	-28.50	Peak	276.00	150	Horizontal	Pass
4**	3282.200	36.78	-9.13	54.0	-17.22	AV	276.00	150	Horizontal	Pass
5	5500.200	53.67	-3.15	74.0	-20.33	Peak	47.00	150	Horizontal	Pass
5**	5500.200	49.99	-3.15	54.0	-4.01	AV	47.00	150	Horizontal	Pass
6	12248.313	52.02	-0.13	74.0	-21.98	Peak	120.00	150	Horizontal	Pass
6**	12248.313	42.56	-0.13	54.0	-11.44	AV	120.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n20 High Channel

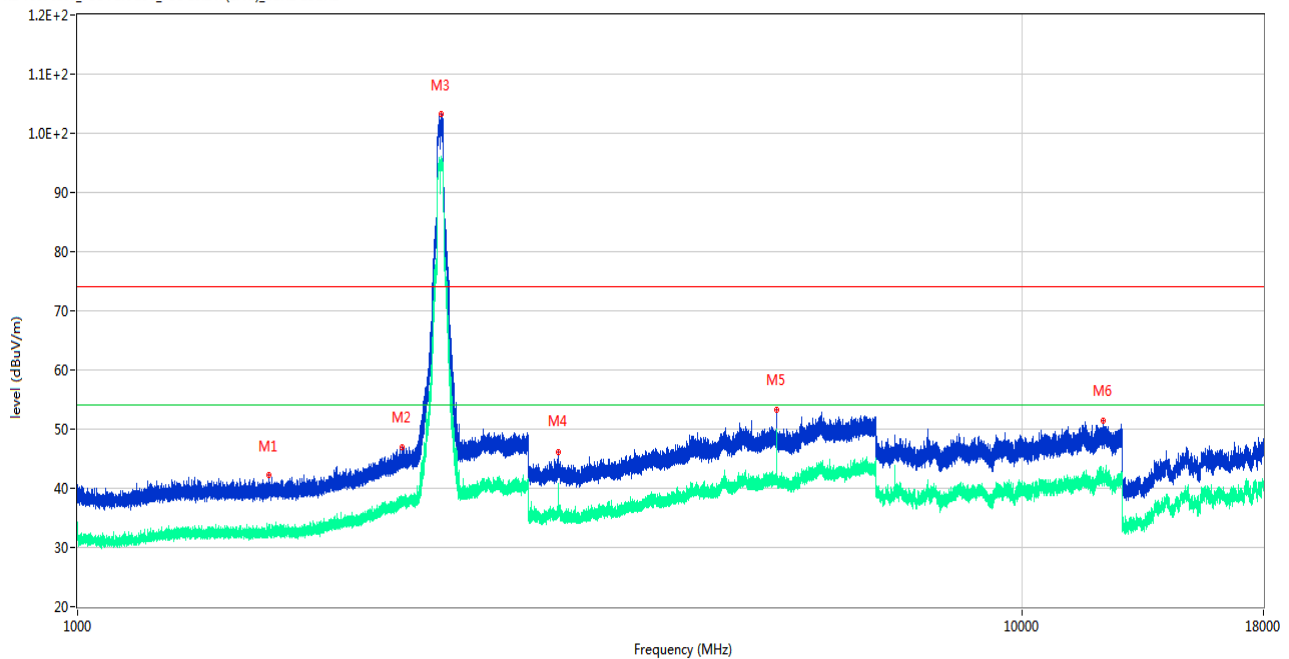
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1656.600	42.29	-18.00	74.0	-31.71	Peak	143.00	150	Vertical	Pass
1**	1656.600	32.01	-18.00	54.0	-21.99	AV	143.00	150	Vertical	Pass
2	2239.800	47.38	-13.48	74.0	-26.62	Peak	175.00	150	Vertical	Pass
2**	2239.800	39.47	-13.48	54.0	-14.53	AV	175.00	150	Vertical	Pass
3	2469.600	108.50	-13.65	74.0	34.50	Peak	73.00	150	Vertical	N/A
3**	2469.600	99.90	-13.65	54.0	45.90	AV	73.00	150	Vertical	N/A
4	3282.400	47.21	-9.13	74.0	-26.79	Peak	23.00	150	Vertical	Pass
4**	3282.400	41.66	-9.13	54.0	-12.34	AV	23.00	150	Vertical	Pass
5	5500.000	52.52	-3.14	74.0	-21.48	Peak	230.00	150	Vertical	Pass
5**	5500.000	46.26	-3.14	54.0	-7.74	AV	230.00	150	Vertical	Pass
6	12235.950	51.34	-0.31	74.0	-22.66	Peak	154.00	150	Vertical	Pass
6**	12235.950	42.04	-0.31	54.0	-11.96	AV	154.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n40 Low Channel

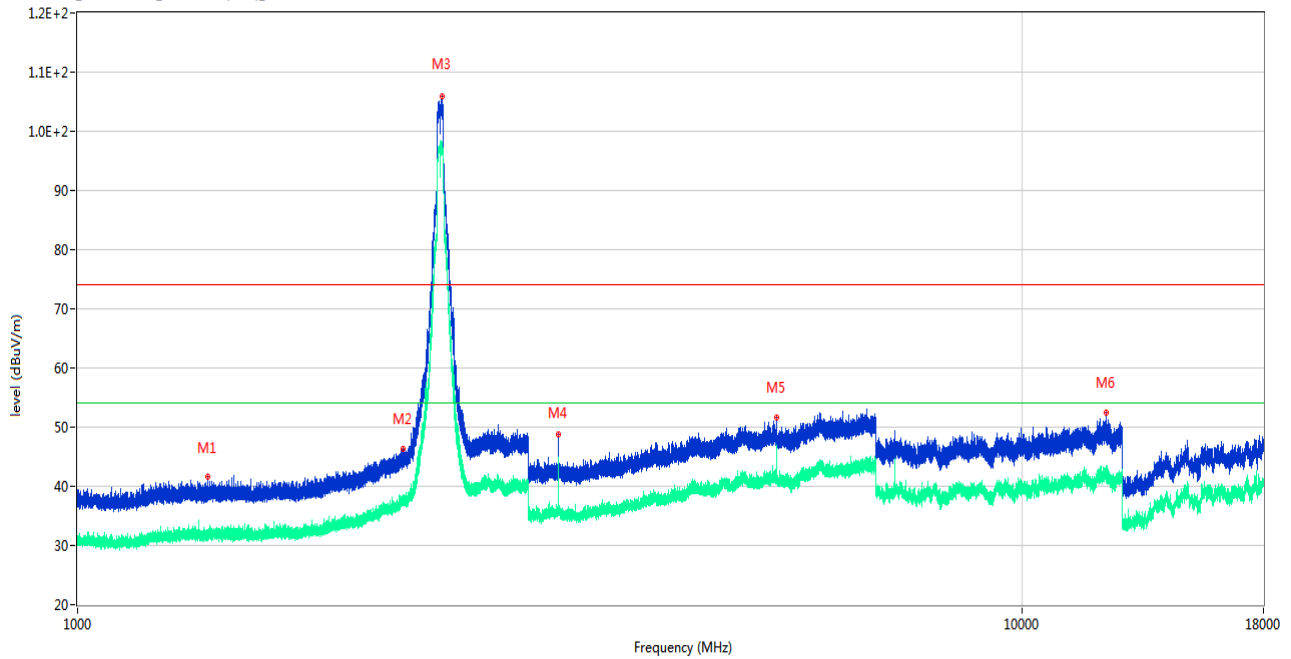
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1595.300	42.23	-17.87	74.0	-31.77	Peak	82.00	150	Horizontal	Pass
1**	1595.300	32.39	-17.87	54.0	-21.61	AV	82.00	150	Horizontal	Pass
2	2204.100	46.96	-13.48	74.0	-27.04	Peak	167.00	150	Horizontal	Pass
2**	2204.100	38.17	-13.48	54.0	-15.83	AV	167.00	150	Horizontal	Pass
3	2423.700	103.20	-13.69	74.0	29.20	Peak	347.00	150	Horizontal	N/A
3**	2423.700	94.83	-13.69	54.0	40.83	AV	347.00	150	Horizontal	N/A
4	3229.000	46.12	-7.50	74.0	-27.88	Peak	264.00	150	Horizontal	Pass
4**	3229.000	38.78	-7.50	54.0	-15.22	AV	264.00	150	Horizontal	Pass
5	5499.800	53.21	-3.13	74.0	-20.79	Peak	60.00	150	Horizontal	Pass
5**	5499.800	49.09	-3.13	54.0	-4.91	AV	60.00	150	Horizontal	Pass
6	12189.088	51.42	-0.87	74.0	-22.58	Peak	171.00	150	Horizontal	Pass
6**	12189.088	41.57	-0.87	54.0	-12.43	AV	171.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n40 Low Channel

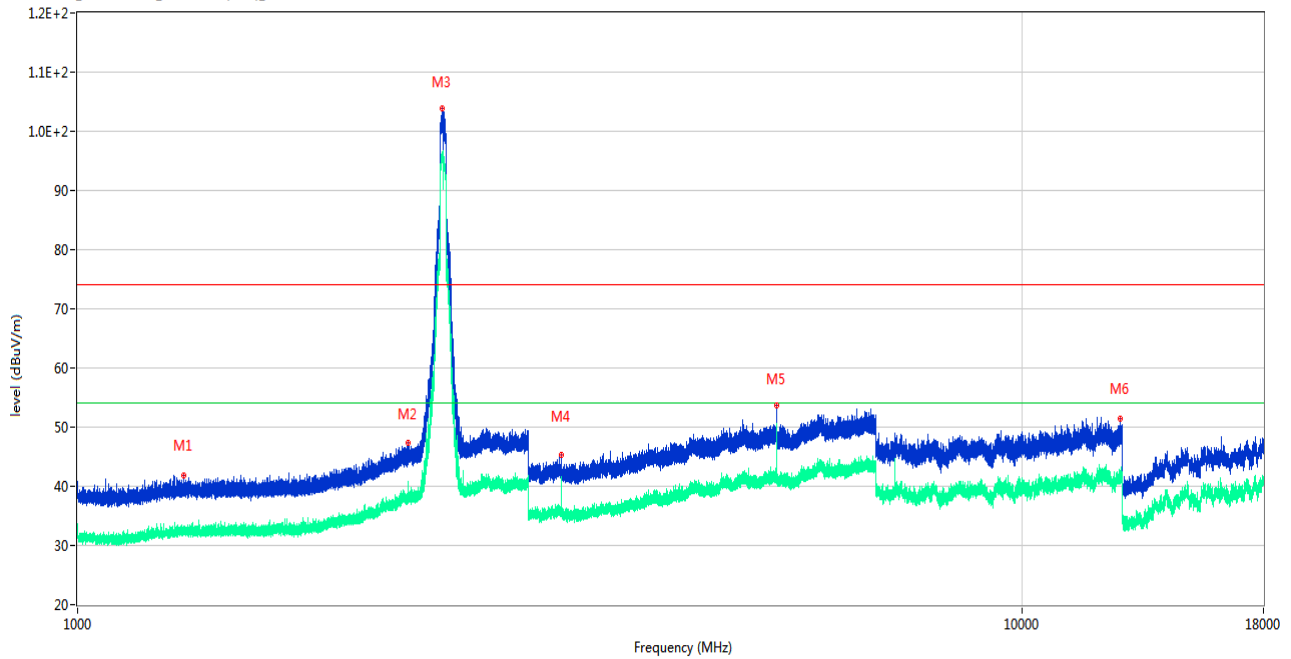
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1372.300	41.71	-17.84	74.0	-32.29	Peak	62.00	150	Vertical	Pass
1**	1372.300	31.08	-17.84	54.0	-22.92	AV	62.00	150	Vertical	Pass
2	2210.800	46.24	-13.35	74.0	-27.76	Peak	22.00	150	Vertical	Pass
2**	2210.800	37.50	-13.35	54.0	-16.50	AV	22.00	150	Vertical	Pass
3	2431.500	105.82	-13.55	74.0	31.82	Peak	126.00	150	Vertical	N/A
3**	2431.500	96.73	-13.55	54.0	42.73	AV	126.00	150	Vertical	N/A
4	3229.200	48.86	-7.51	74.0	-25.14	Peak	29.00	150	Vertical	Pass
4**	3229.200	44.20	-7.51	54.0	-9.80	AV	29.00	150	Vertical	Pass
5	5500.000	51.56	-3.14	74.0	-22.44	Peak	240.00	150	Vertical	Pass
5**	5500.000	45.81	-3.14	54.0	-8.19	AV	240.00	150	Vertical	Pass
6	12271.600	52.49	0.07	74.0	-21.51	Peak	360.00	150	Vertical	Pass
6**	12271.600	42.01	0.07	54.0	-11.99	AV	360.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n40 Middle Channel

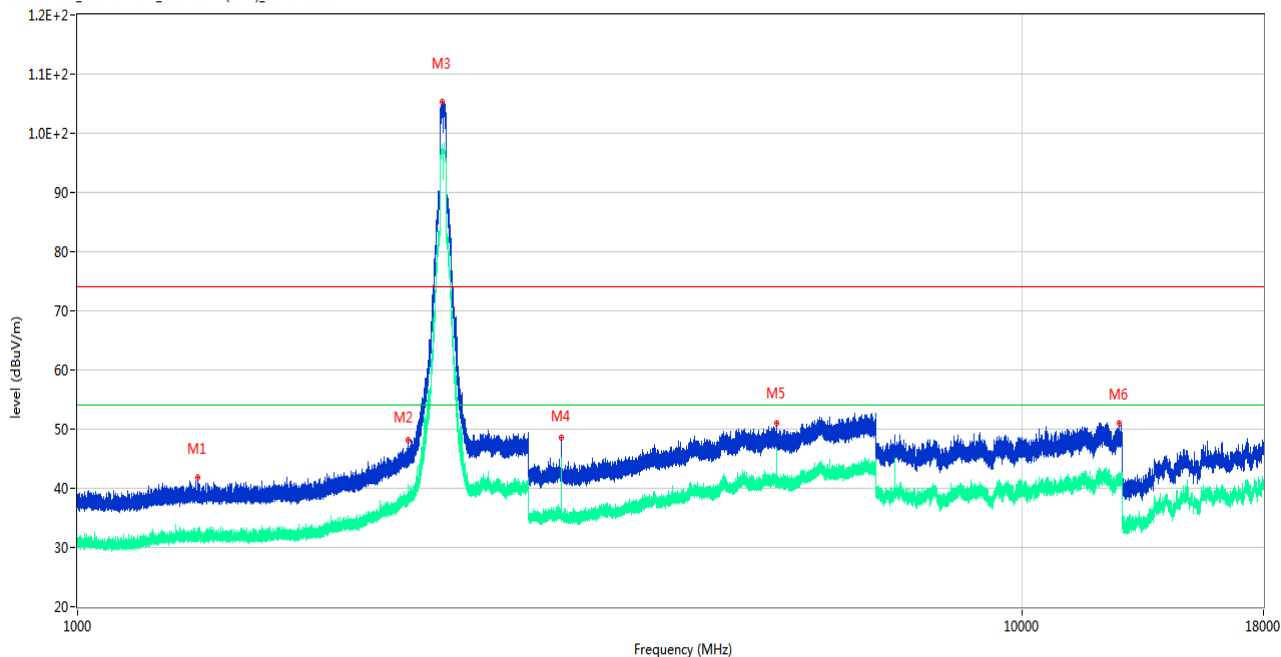
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1296.600	41.87	-17.81	74.0	-32.13	Peak	221.00	150	Horizontal	Pass
1**	1296.600	31.93	-17.81	54.0	-22.07	AV	221.00	150	Horizontal	Pass
2	2239.900	47.32	-13.47	74.0	-26.68	Peak	338.00	150	Horizontal	Pass
2**	2239.900	38.73	-13.47	54.0	-15.27	AV	338.00	150	Horizontal	Pass
3	2429.400	103.88	-13.57	74.0	29.88	Peak	346.00	150	Horizontal	N/A
3**	2429.400	95.42	-13.57	54.0	41.42	AV	346.00	150	Horizontal	N/A
4	3249.600	45.28	-8.70	74.0	-28.72	Peak	265.00	150	Horizontal	Pass
4**	3249.600	41.57	-8.70	54.0	-12.43	AV	265.00	150	Horizontal	Pass
5	5499.800	53.64	-3.13	74.0	-20.36	Peak	68.00	150	Horizontal	Pass
5**	5499.800	49.08	-3.13	54.0	-4.92	AV	68.00	150	Horizontal	Pass
6	12691.637	51.48	-1.99	74.0	-22.52	Peak	65.00	150	Horizontal	Pass
6**	12691.637	41.76	-1.99	54.0	-12.24	AV	65.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n40 Middle Channel

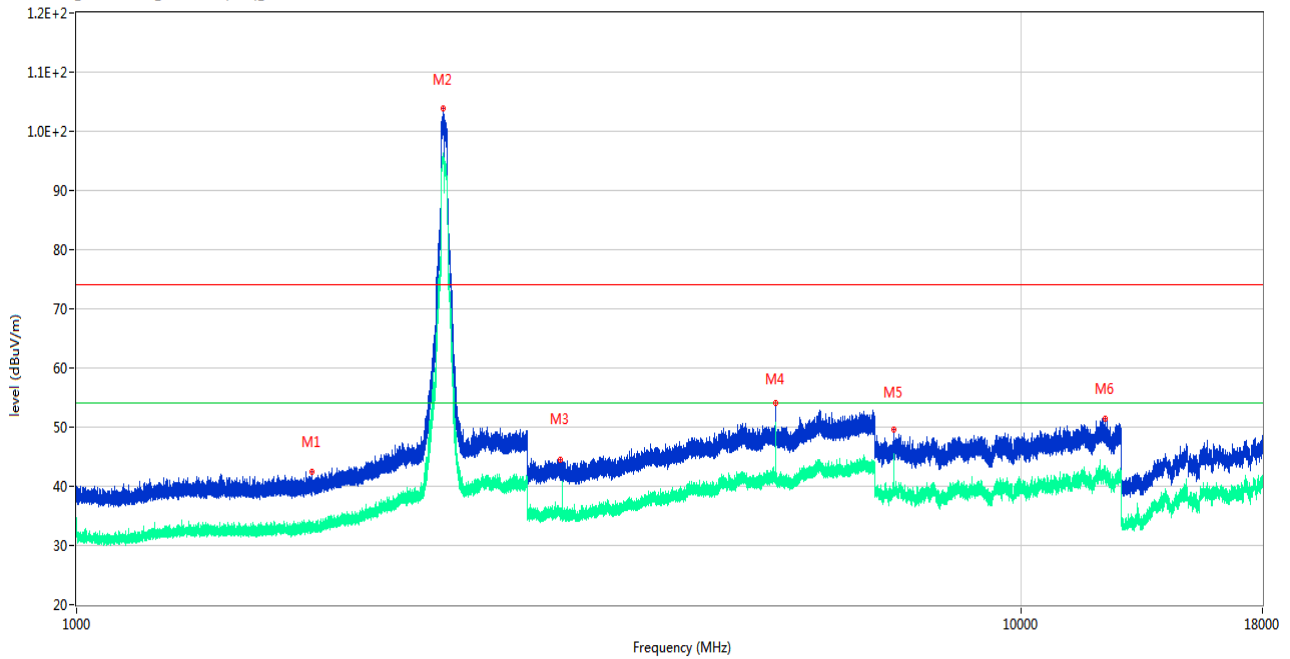
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1341.500	41.81	-17.99	74.0	-32.19	Peak	273.00	150	Vertical	Pass
1**	1341.500	31.68	-17.99	54.0	-22.32	AV	273.00	150	Vertical	Pass
2	2240.200	48.25	-13.46	74.0	-25.75	Peak	300.00	150	Vertical	Pass
2**	2240.200	40.03	-13.46	54.0	-13.97	AV	300.00	150	Vertical	Pass
3	2429.800	105.29	-13.56	74.0	31.29	Peak	127.00	150	Vertical	N/A
3**	2429.800	97.59	-13.56	54.0	43.59	AV	127.00	150	Vertical	N/A
4	3249.200	48.49	-8.68	74.0	-25.51	Peak	197.00	150	Vertical	Pass
4**	3249.200	43.71	-8.68	54.0	-10.29	AV	197.00	150	Vertical	Pass
5	5500.000	51.03	-3.14	74.0	-22.97	Peak	296.00	150	Vertical	Pass
5**	5500.000	46.73	-3.14	54.0	-7.27	AV	296.00	150	Vertical	Pass
6	12674.388	50.93	-2.08	74.0	-23.07	Peak	229.00	150	Vertical	Pass
6**	12674.388	41.09	-2.08	54.0	-12.91	AV	229.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11n40 High Channel

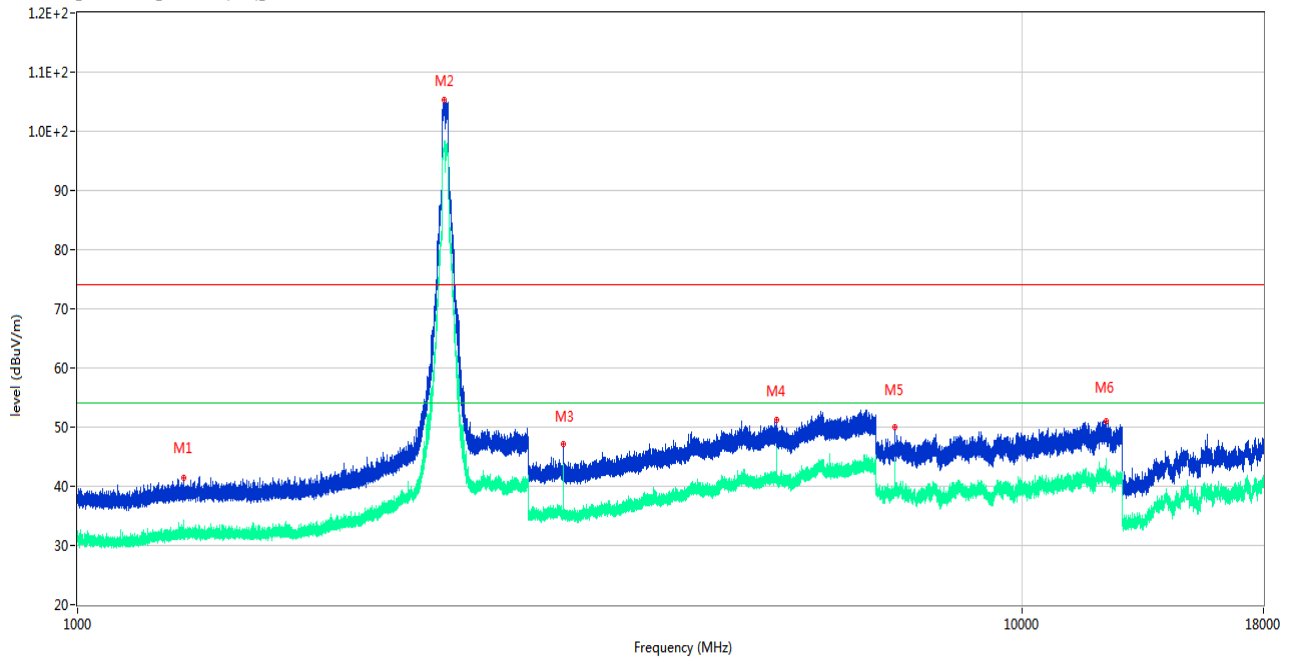
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1776.100	42.50	-17.47	74.0	-31.50	Peak	197.00	150	Horizontal	Pass
1**	1776.100	32.64	-17.47	54.0	-21.36	AV	197.00	150	Horizontal	Pass
2	2444.600	103.80	-13.33	74.0	29.80	Peak	341.00	150	Horizontal	N/A
2**	2444.600	96.05	-13.33	54.0	42.05	AV	341.00	150	Horizontal	N/A
3	3251.400	44.40	-8.77	74.0	-29.60	Peak	116.00	150	Horizontal	Pass
3**	3251.400	34.70	-8.77	54.0	-19.30	AV	116.00	150	Horizontal	Pass
4	5500.000	54.01	-3.14	74.0	-19.99	Peak	64.00	150	Horizontal	Pass
4**	5500.000	50.44	-3.14	54.0	-3.56	AV	64.00	150	Horizontal	Pass
5	7333.212	49.57	-4.80	74.0	-24.43	Peak	179.00	150	Horizontal	Pass
5**	7333.212	42.95	-4.80	54.0	-11.05	AV	179.00	150	Horizontal	Pass
6	12272.175	51.41	0.07	74.0	-22.59	Peak	107.00	150	Horizontal	Pass
6**	12272.175	42.95	0.07	54.0	-11.05	AV	107.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11n40 High Channel

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz

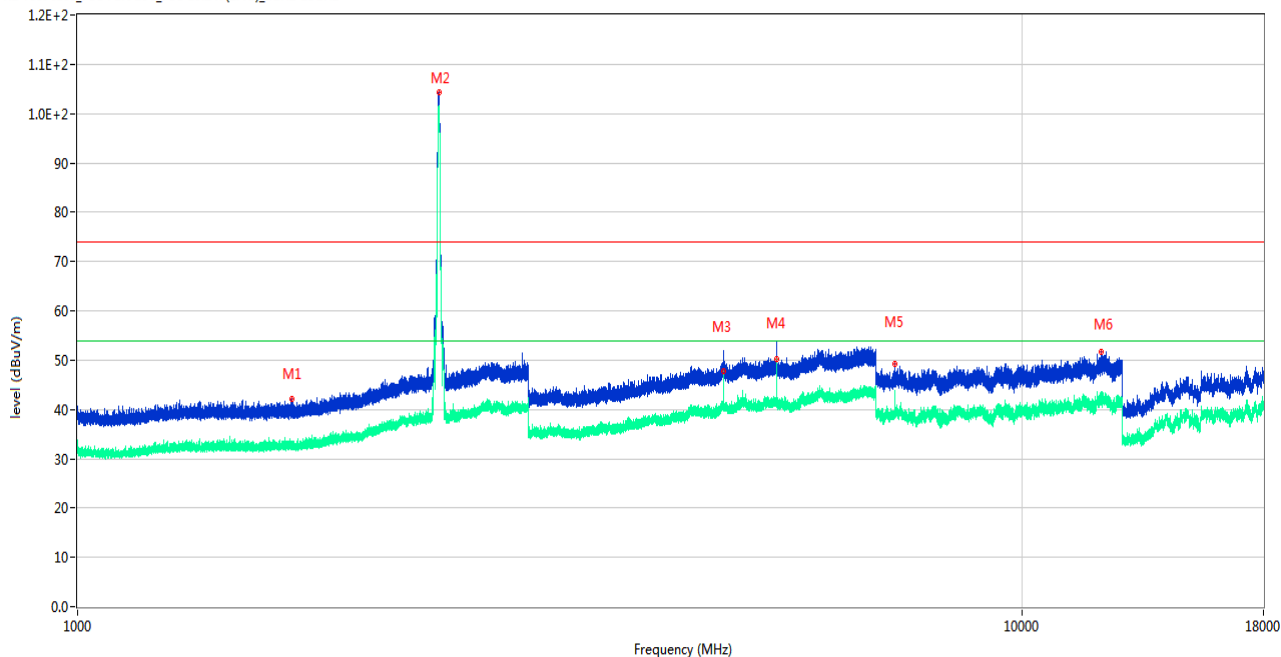


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1295.300	41.36	-17.78	74.0	-32.64	Peak	109.00	150	Vertical	Pass
1**	1295.300	31.86	-17.78	54.0	-22.14	AV	109.00	150	Vertical	Pass
2	2444.500	105.33	-13.32	74.0	31.33	Peak	292.00	150	Vertical	N/A
2**	2444.500	97.38	-13.32	54.0	43.38	AV	292.00	150	Vertical	N/A
3	3269.200	47.12	-9.05	74.0	-26.88	Peak	198.00	150	Vertical	Pass
3**	3269.200	42.35	-9.05	54.0	-11.65	AV	198.00	150	Vertical	Pass
4	5499.800	51.30	-3.13	74.0	-22.70	Peak	240.00	150	Vertical	Pass
4**	5499.800	45.31	-3.13	54.0	-8.69	AV	240.00	150	Vertical	Pass
5	7333.500	50.06	-4.80	74.0	-23.94	Peak	262.00	150	Vertical	Pass
5**	7333.500	43.92	-4.80	54.0	-10.08	AV	262.00	150	Vertical	Pass
6	12269.300	50.94	0.06	74.0	-23.06	Peak	332.00	150	Vertical	Pass
6**	12269.300	42.86	0.06	54.0	-11.14	AV	332.00	150	Vertical	Pass

Aux. Antenna

1 GHz to 12.75 GHz, ANT H 802.11b Low Channel

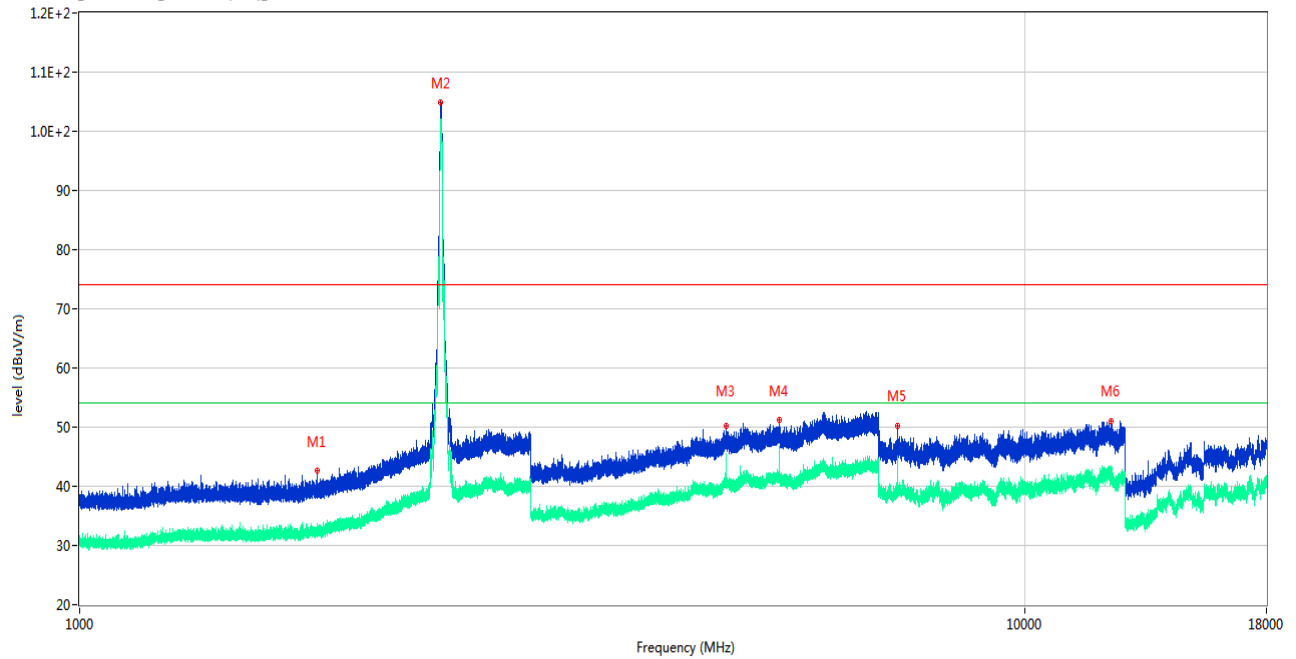
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1687.200	42.10	-17.88	74.0	-31.90	Peak	110.00	150	Horizontal	Pass
1**	1687.200	33.48	-17.88	54.0	-20.52	AV	110.00	150	Horizontal	Pass
2	2413.100	104.37	-13.52	74.0	30.37	Peak	235.00	150	Horizontal	N/A
2**	2413.100	101.54	-13.52	54.0	47.54	AV	235.00	150	Horizontal	N/A
3	4824.200	51.21	-4.06	74.0	-22.79	Peak	37.00	150	Horizontal	Pass
3**	4824.200	47.86	-4.06	54.0	-6.14	AV	37.00	150	Horizontal	Pass
4	5500.400	52.31	-3.16	74.0	-21.69	Peak	70.00	150	Horizontal	Pass
4**	5500.400	50.23	-3.16	54.0	-3.77	AV	70.00	150	Horizontal	Pass
5	7333.212	49.13	-4.80	74.0	-24.87	Peak	296.00	150	Horizontal	Pass
5**	7333.212	43.33	-4.80	54.0	-10.67	AV	296.00	150	Horizontal	Pass
6	12109.450	51.56	-0.86	74.0	-22.44	Peak	352.00	150	Horizontal	Pass
6**	12109.450	41.89	-0.86	54.0	-12.11	AV	352.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11b Low Channel

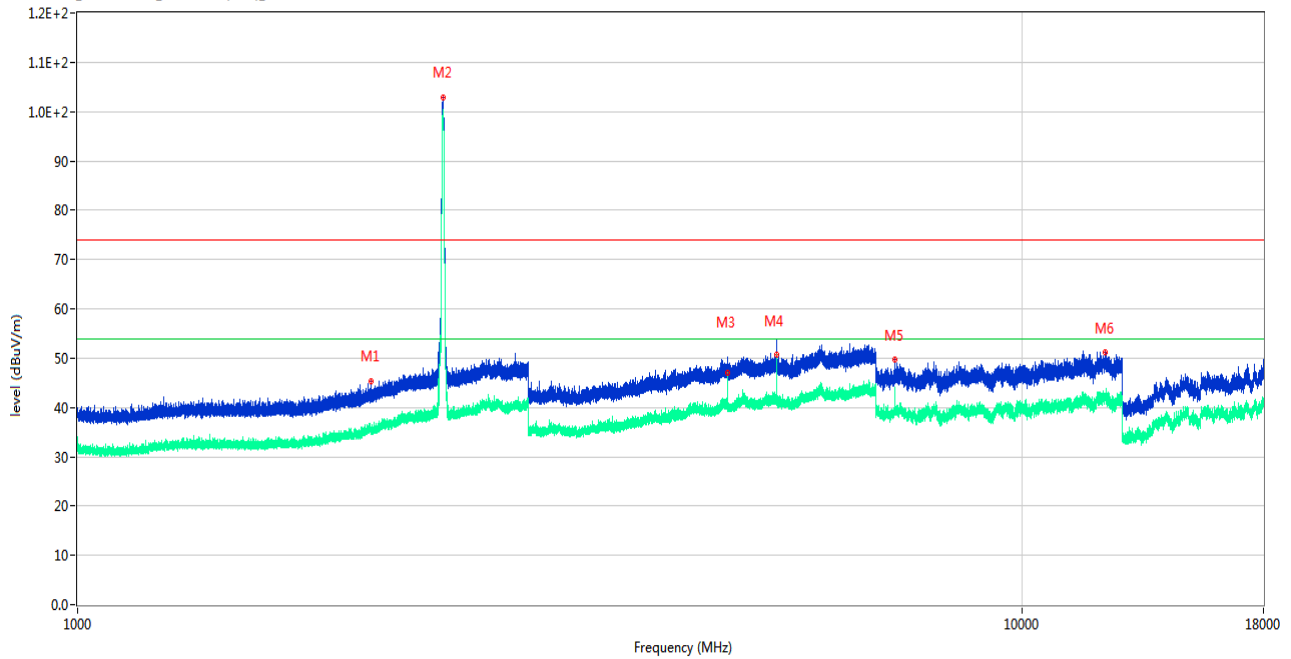
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdic
1	1781.400	42.62	-17.48	74.0	-31.38	Peak	331.00	150	Vertical	Pass
1**	1781.400	32.30	-17.48	54.0	-21.70	AV	331.00	150	Vertical	Pass
2	2410.800	104.80	-13.45	74.0	30.80	Peak	91.00	150	Vertical	N/A
2**	2410.800	101.95	-13.45	54.0	47.95	AV	91.00	150	Vertical	N/A
3	4824.200	50.18	-4.06	74.0	-23.82	Peak	7.00	150	Vertical	Pass
3**	4824.200	45.48	-4.06	54.0	-8.52	AV	7.00	150	Vertical	Pass
4	5500.200	51.19	-3.15	74.0	-22.81	Peak	237.00	150	Vertical	Pass
4**	5500.200	46.43	-3.15	54.0	-7.57	AV	237.00	150	Vertical	Pass
5	7333.212	50.21	-4.80	74.0	-23.79	Peak	257.00	150	Vertical	Pass
5**	7333.212	43.89	-4.80	54.0	-10.11	AV	257.00	150	Vertical	Pass
6	12323.350	51.09	-0.48	74.0	-22.91	Peak	151.00	150	Vertical	Pass
6**	12323.350	41.47	-0.48	54.0	-12.53	AV	151.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11b Middle Channel

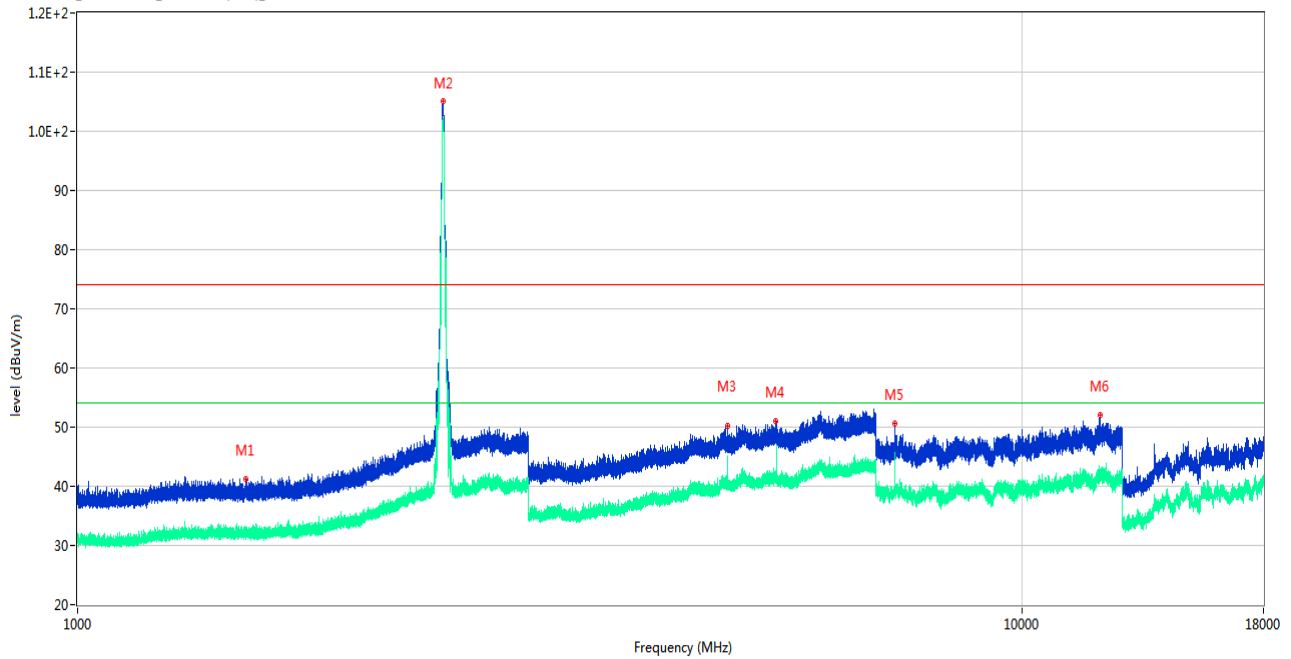
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	2046.100	45.38	-15.72	74.0	-28.62	Peak	350.00	150	Horizontal	Pass
1**	2046.100	35.25	-15.72	54.0	-18.75	AV	350.00	150	Horizontal	Pass
2	2435.800	103.08	-13.51	74.0	29.08	Peak	350.00	150	Horizontal	N/A
2**	2435.800	100.17	-13.51	54.0	46.17	AV	350.00	150	Horizontal	N/A
3	4874.000	49.98	-4.01	74.0	-24.02	Peak	35.00	150	Horizontal	Pass
3**	4874.000	47.01	-4.01	54.0	-6.99	AV	35.00	150	Horizontal	Pass
4	5500.200	52.73	-3.15	74.0	-21.27	Peak	35.00	150	Horizontal	Pass
4**	5500.200	50.73	-3.15	54.0	-3.27	AV	35.00	150	Horizontal	Pass
5	7333.212	49.67	-4.80	74.0	-24.33	Peak	32.00	150	Horizontal	Pass
5**	7333.212	43.39	-4.80	54.0	-10.61	AV	32.00	150	Horizontal	Pass
6	12237.674	51.13	-0.32	74.0	-22.87	Peak	139.00	150	Horizontal	Pass
6**	12237.674	42.40	-0.32	54.0	-11.60	AV	139.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11b Middle Channel

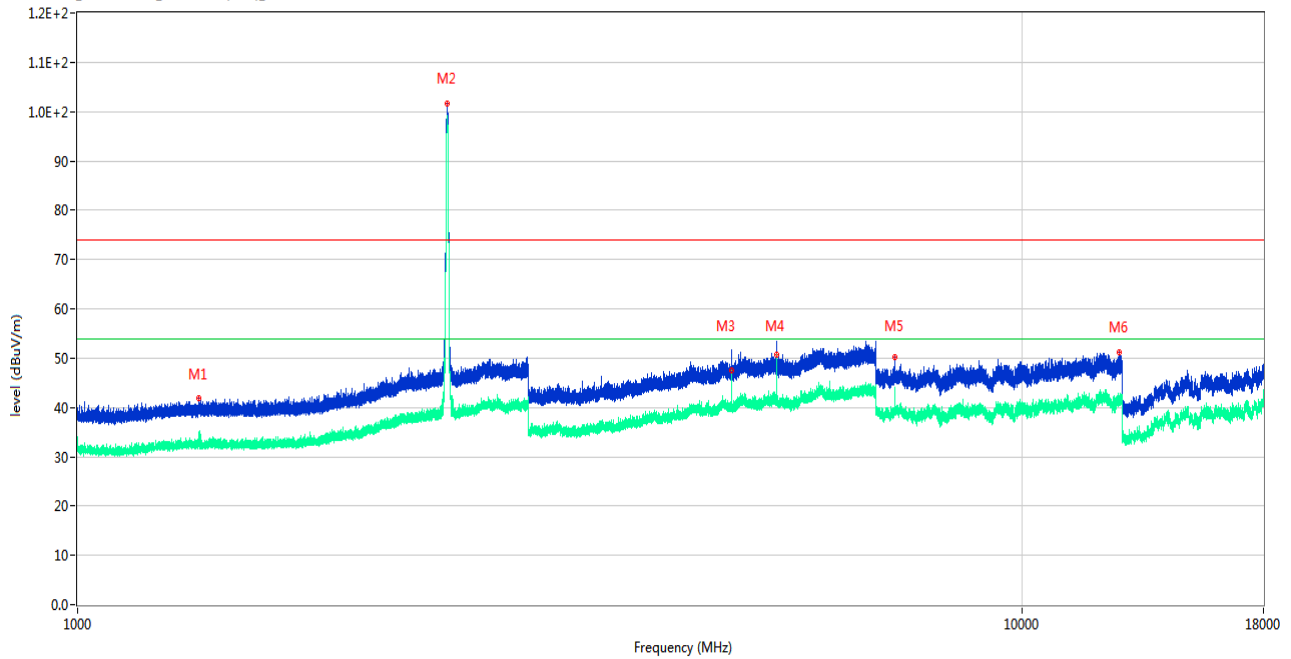
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1508.100	41.26	-18.06	74.0	-32.74	Peak	61.00	150	Vertical	Pass
1**	1508.100	32.48	-18.06	54.0	-21.52	AV	61.00	150	Vertical	Pass
2	2435.700	105.13	-13.52	74.0	31.13	Peak	144.00	150	Vertical	N/A
2**	2435.700	102.24	-13.52	54.0	48.24	AV	144.00	150	Vertical	N/A
3	4873.800	50.16	-4.00	74.0	-23.84	Peak	351.00	150	Vertical	Pass
3**	4873.800	43.92	-4.00	54.0	-10.08	AV	351.00	150	Vertical	Pass
4	5483.800	50.97	-2.76	74.0	-23.03	Peak	0.00	150	Vertical	Pass
4**	5483.800	41.85	-2.76	54.0	-12.15	AV	0.00	150	Vertical	Pass
5	7332.925	50.57	-4.81	74.0	-23.43	Peak	241.00	150	Vertical	Pass
5**	7332.925	42.85	-4.81	54.0	-11.15	AV	241.00	150	Vertical	Pass
6	12099.963	51.95	-1.03	74.0	-22.05	Peak	293.00	150	Vertical	Pass
6**	12099.963	42.38	-1.03	54.0	-11.62	AV	293.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11b High Channel

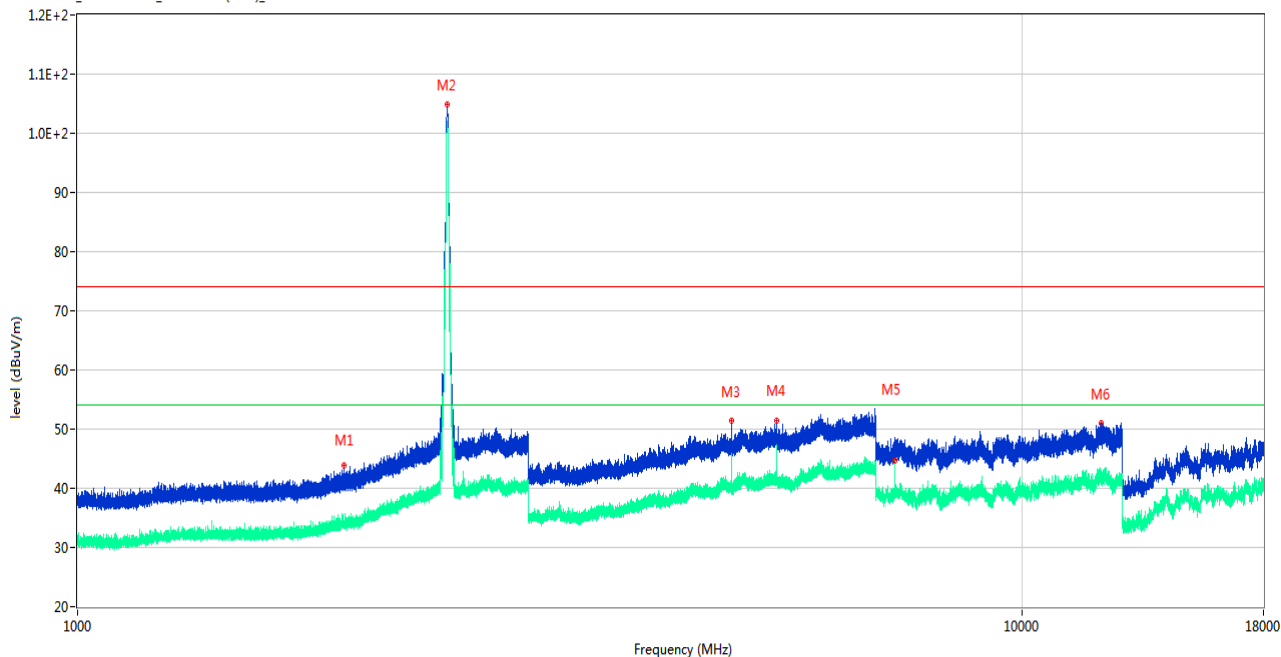
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1343.400	41.77	-17.98	74.0	-32.23	Peak	263.00	150	Horizontal	Pass
1**	1343.400	32.09	-17.98	54.0	-21.91	AV	263.00	150	Horizontal	Pass
2	2460.600	101.74	-13.91	74.0	27.74	Peak	91.00	150	Horizontal	N/A
2**	2460.600	98.75	-13.91	54.0	44.75	AV	91.00	150	Horizontal	N/A
3	4924.000	51.00	-4.13	74.0	-23.00	Peak	116.00	150	Horizontal	Pass
3**	4924.000	47.60	-4.13	54.0	-6.40	AV	116.00	150	Horizontal	Pass
4	5500.200	52.66	-3.15	74.0	-21.34	Peak	57.00	150	Horizontal	Pass
4**	5500.200	50.64	-3.15	54.0	-3.36	AV	57.00	150	Horizontal	Pass
5	7333.212	50.13	-4.80	74.0	-23.87	Peak	33.00	150	Horizontal	Pass
5**	7333.212	43.46	-4.80	54.0	-10.54	AV	33.00	150	Horizontal	Pass
6	12653.975	51.11	-2.09	74.0	-22.89	Peak	14.00	150	Horizontal	Pass
6**	12653.975	41.37	-2.09	54.0	-12.63	AV	14.00	150	Horizontal	Pass

1 GHz to 12.75 GHz, ANT V 802.11b High Channel

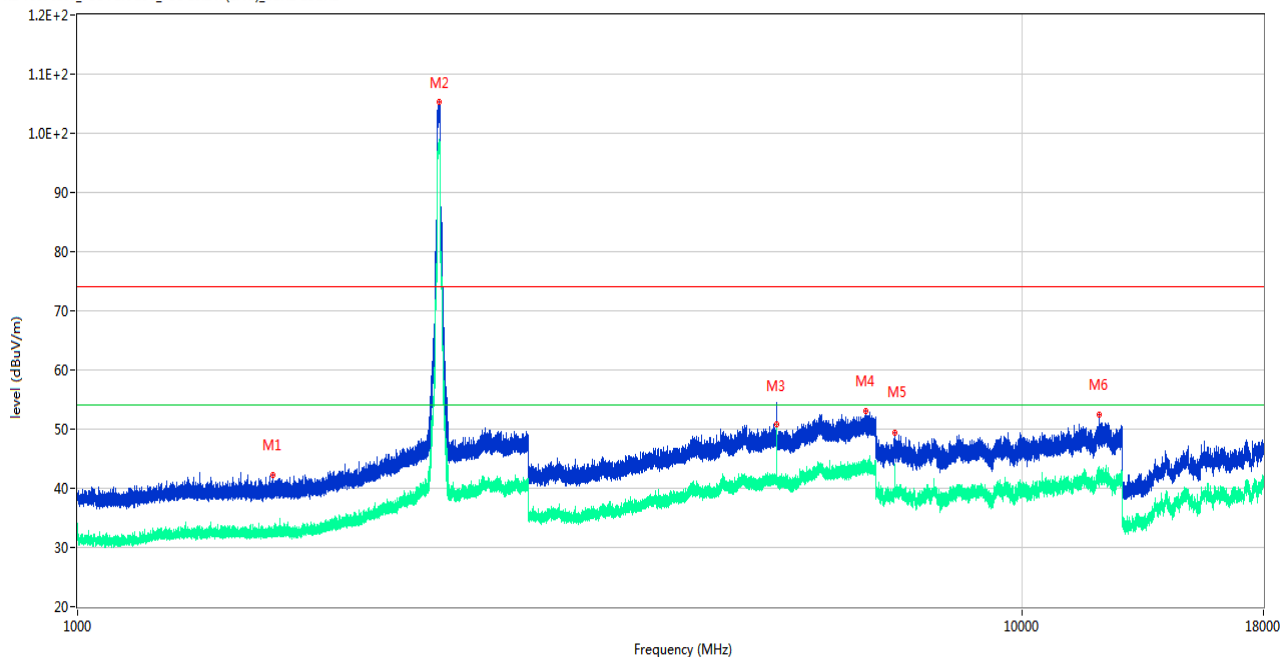
RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1913.100	43.89	-16.48	74.0	-30.11	Peak	360.00	150	Vertical	Pass
1**	1913.100	34.09	-16.48	54.0	-19.91	AV	360.00	150	Vertical	Pass
2	2460.800	104.86	-13.91	74.0	30.86	Peak	172.00	150	Vertical	N/A
2**	2460.800	101.96	-13.91	54.0	47.96	AV	172.00	150	Vertical	N/A
3	4924.200	51.36	-4.12	74.0	-22.64	Peak	0.00	150	Vertical	Pass
3**	4924.200	45.85	-4.12	54.0	-8.15	AV	0.00	150	Vertical	Pass
4	5499.800	51.52	-3.13	74.0	-22.48	Peak	253.00	150	Vertical	Pass
4**	5499.800	45.51	-3.13	54.0	-8.49	AV	253.00	150	Vertical	Pass
5	7333.500	47.16	-4.80	74.0	-26.84	Peak	266.00	150	Vertical	Pass
5**	7333.500	44.62	-4.80	54.0	-9.38	AV	266.00	150	Vertical	Pass
6	12110.599	50.98	-0.84	74.0	-23.02	Peak	360.00	150	Vertical	Pass
6**	12110.599	41.69	-0.84	54.0	-12.31	AV	360.00	150	Vertical	Pass

1 GHz to 12.75 GHz, ANT H 802.11g Low Channel

RE Test case_FCC Part 15C_FCC 15.247(2.4G)_1GHz-18GHz



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Over Limit (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.500	42.30	-17.98	74.0	-31.70	Peak	251.00	150	Horizontal	Pass
1**	1608.500	32.49	-17.98	54.0	-21.51	AV	251.00	150	Horizontal	Pass
2	2414.800	105.37	-13.50	74.0	31.37	Peak	235.00	150	Horizontal	N/A
2**	2414.800	97.99	-13.50	54.0	43.99	AV	235.00	150	Horizontal	N/A
3	5500.000	53.01	-3.14	74.0	-20.99	Peak	80.00	150	Horizontal	Pass
3**	5500.000	50.85	-3.14	54.0	-3.15	AV	80.00	150	Horizontal	Pass
4	6822.200	53.04	-1.29	74.0	-20.96	Peak	41.00	150	Horizontal	Pass
4**	6822.200	43.73	-1.29	54.0	-10.27	AV	41.00	150	Horizontal	Pass
5	7333.212	49.34	-4.80	74.0	-24.66	Peak	306.00	150	Horizontal	Pass
5**	7333.212	43.26	-4.80	54.0	-10.74	AV	306.00	150	Horizontal	Pass
6	12074.375	52.42	-1.38	74.0	-21.58	Peak	360.00	150	Horizontal	Pass
6**	12074.375	42.38	-1.38	54.0	-11.62	AV	360.00	150	Horizontal	Pass