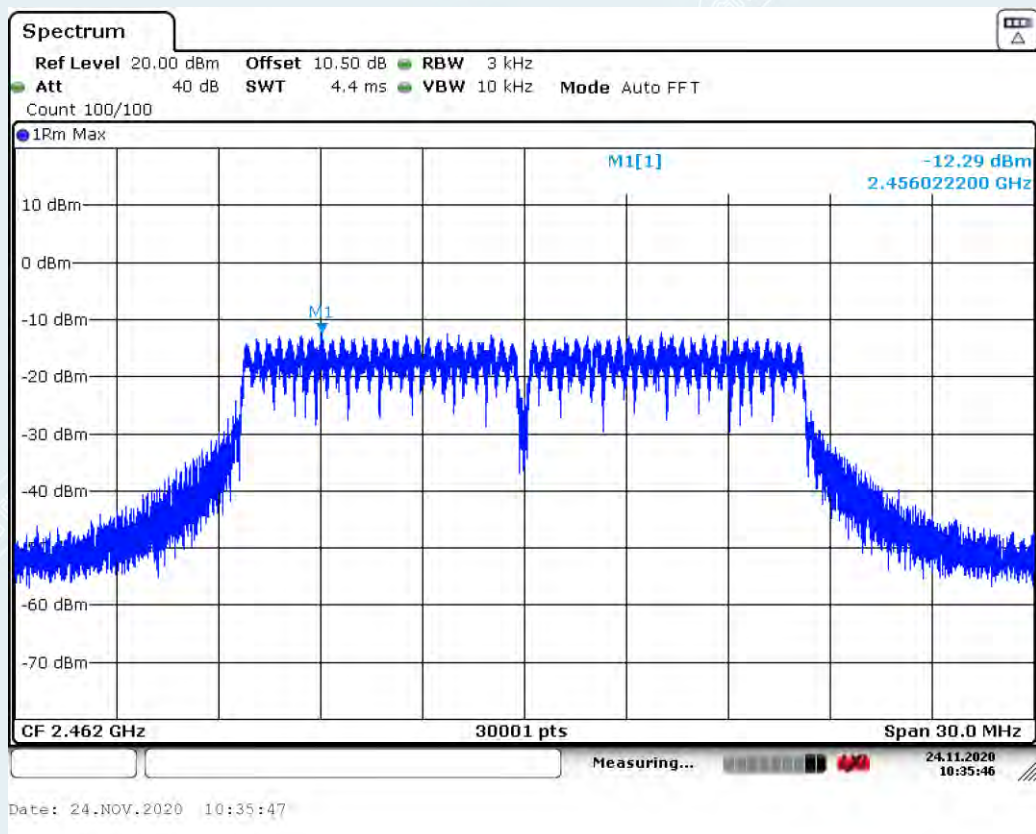
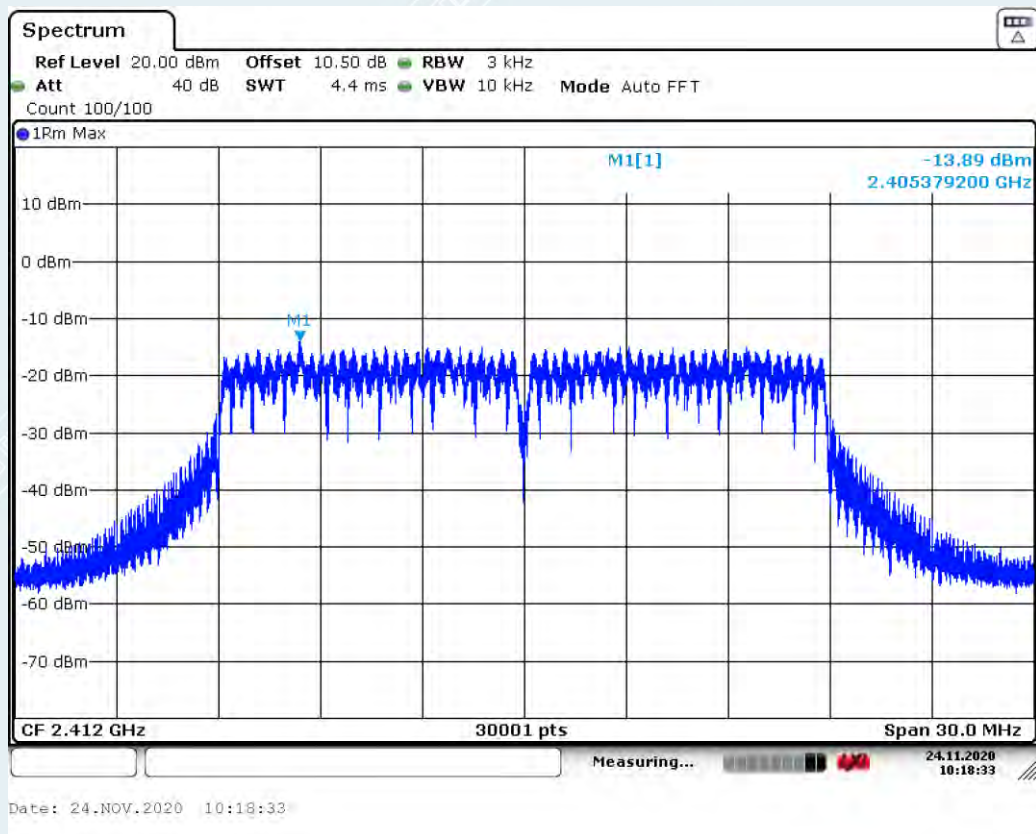
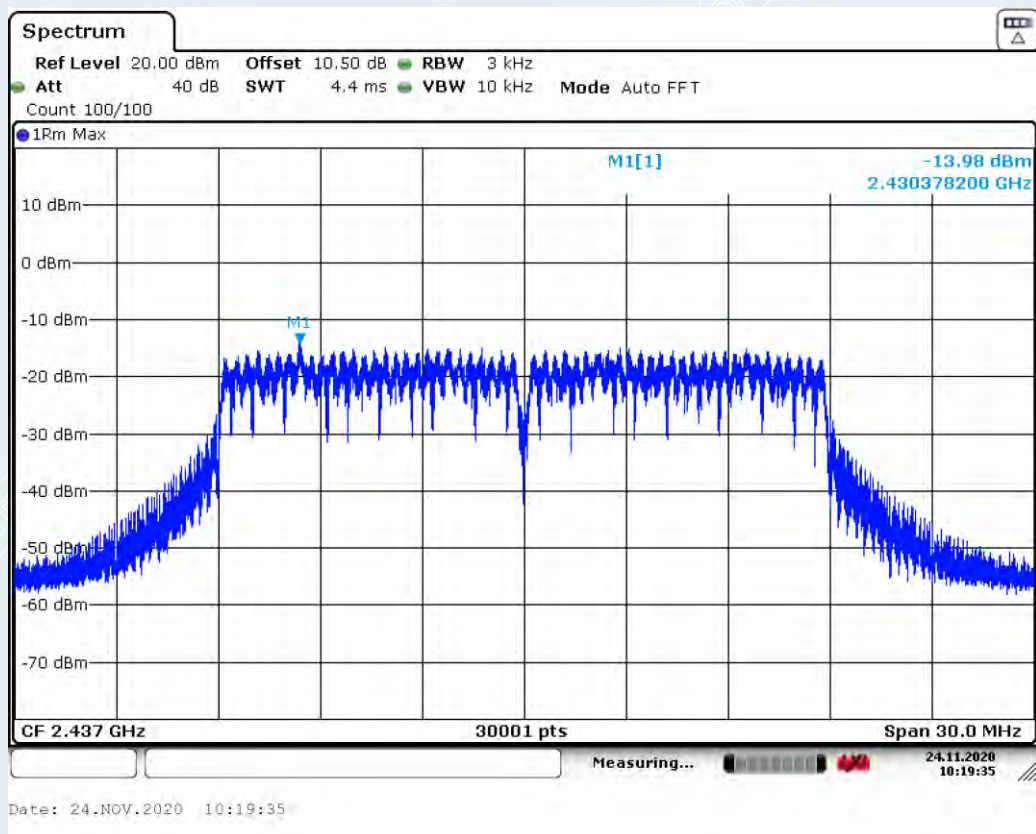




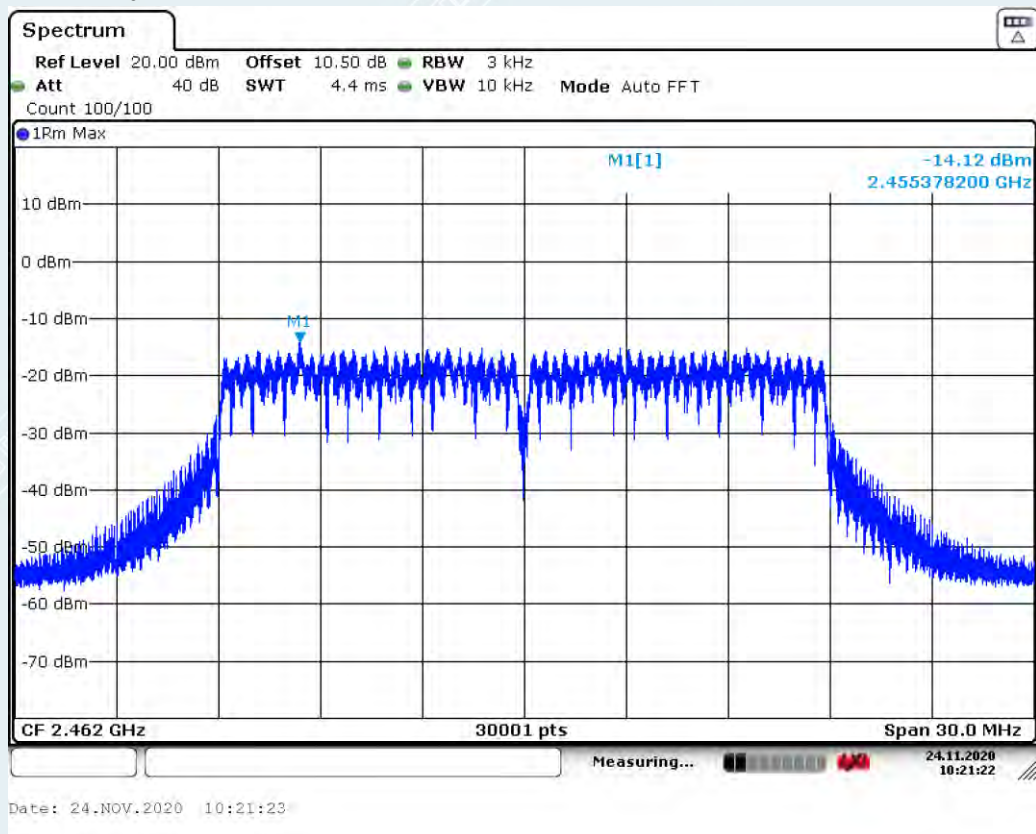
802.11n HT20 mode (antenna 1):
Channel 2412MHz



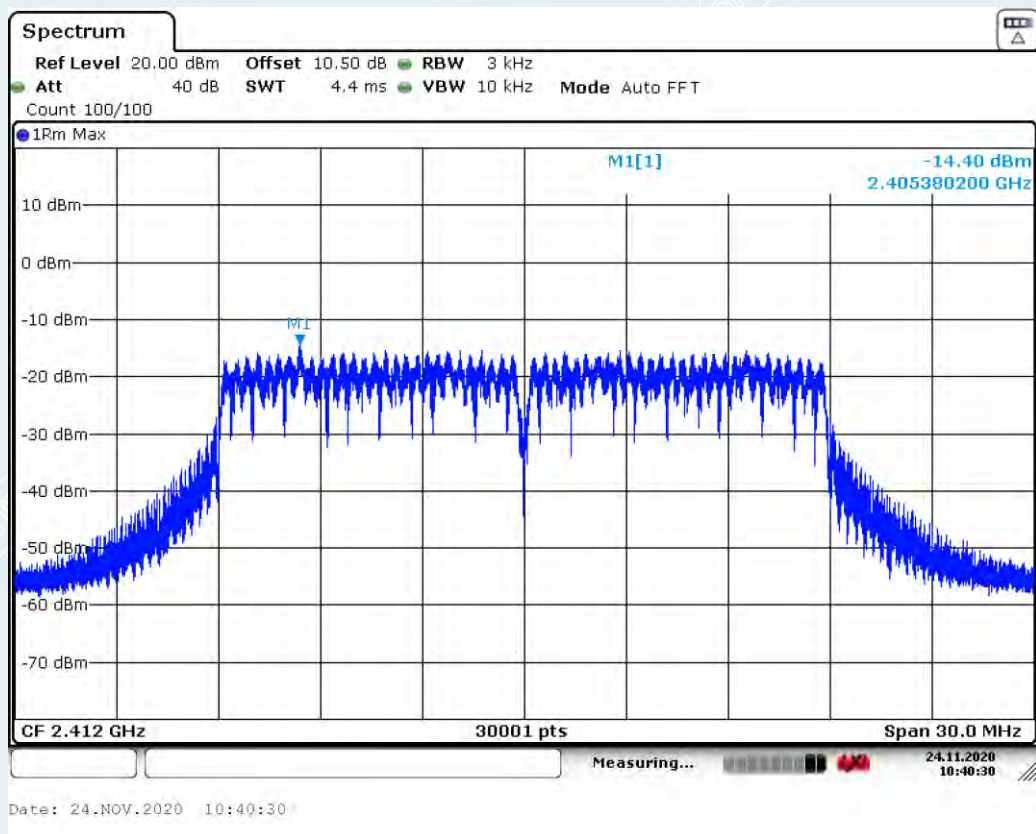
802.11n HT20 mode (antenna 1):
Channel 2437MHz



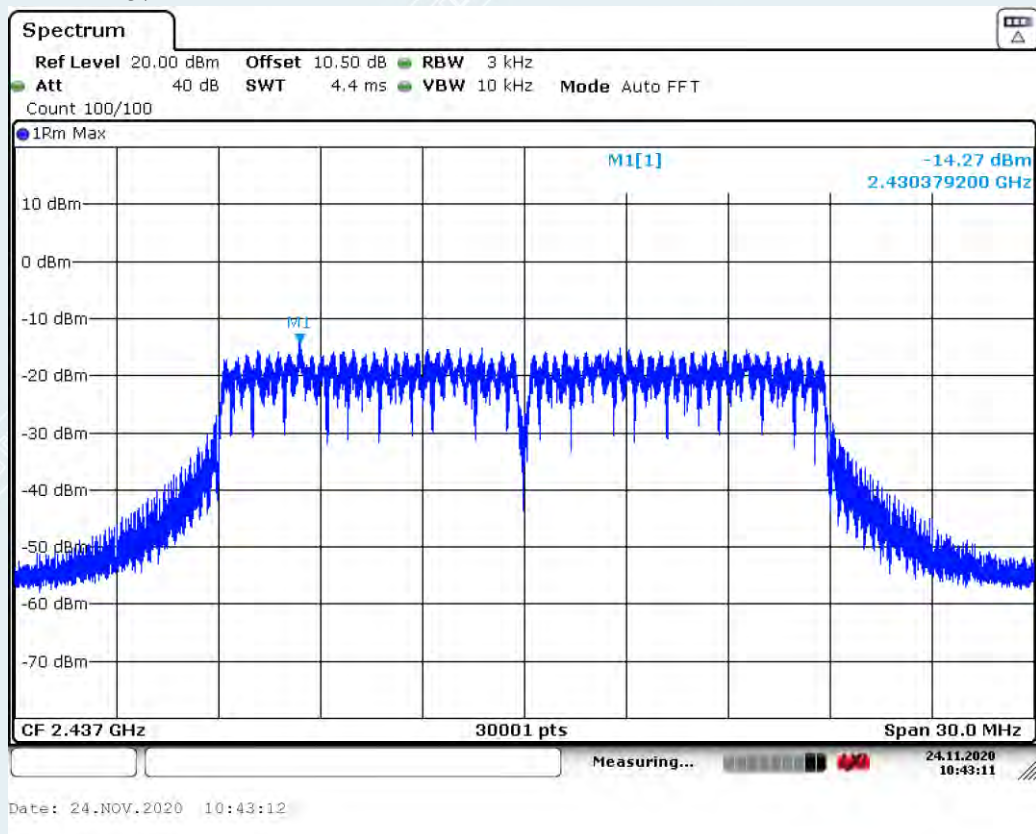
802.11n HT20 mode (antenna 1):
Channel 2462MHz



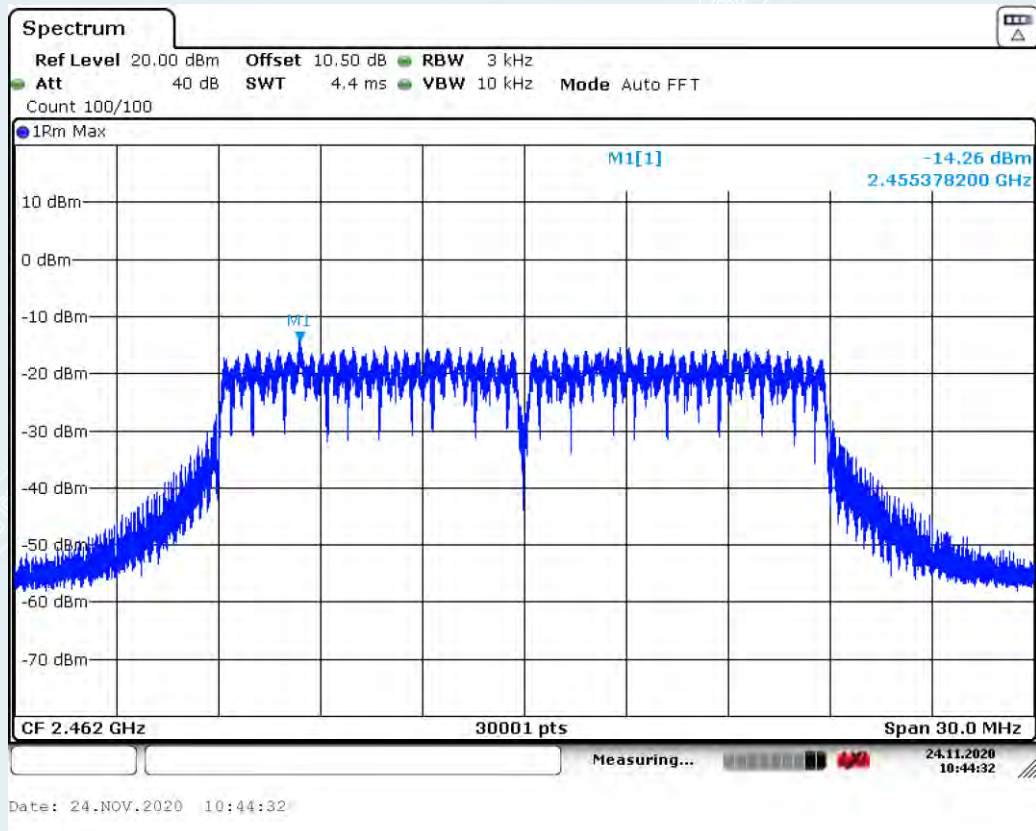
802.11n HT20 mode (antenna 2):
Channel 2412MHz



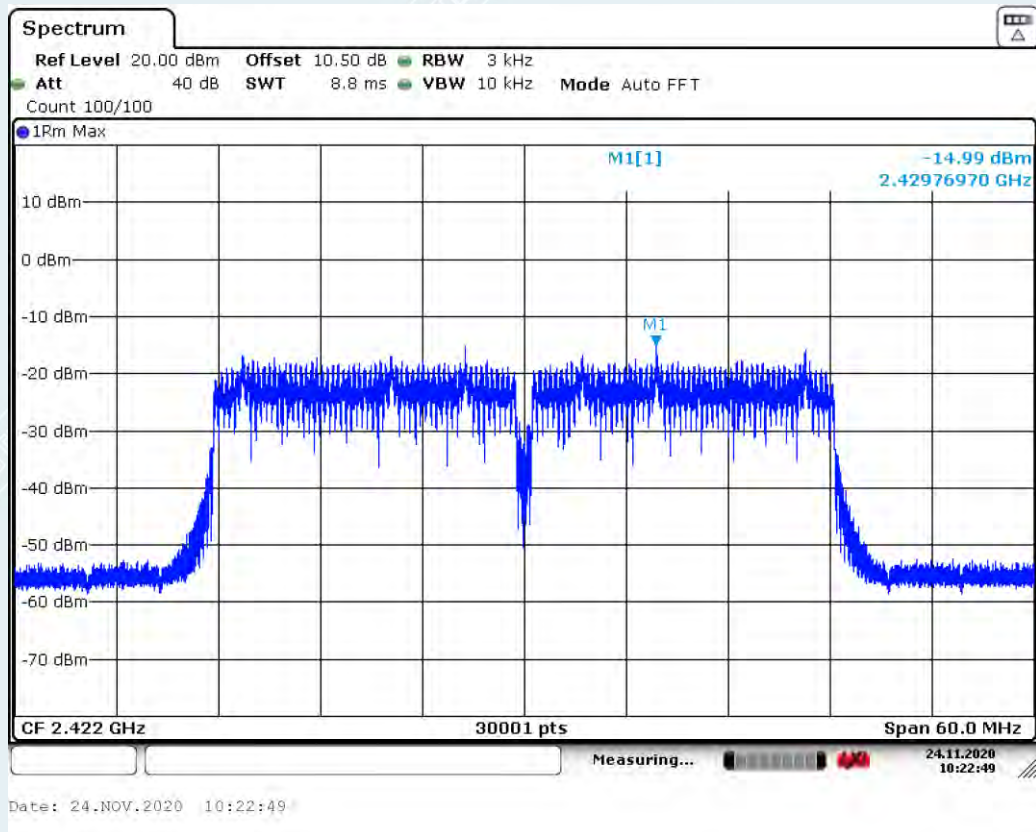
802.11n HT20 mode (antenna 2):
Channel 2437MHz



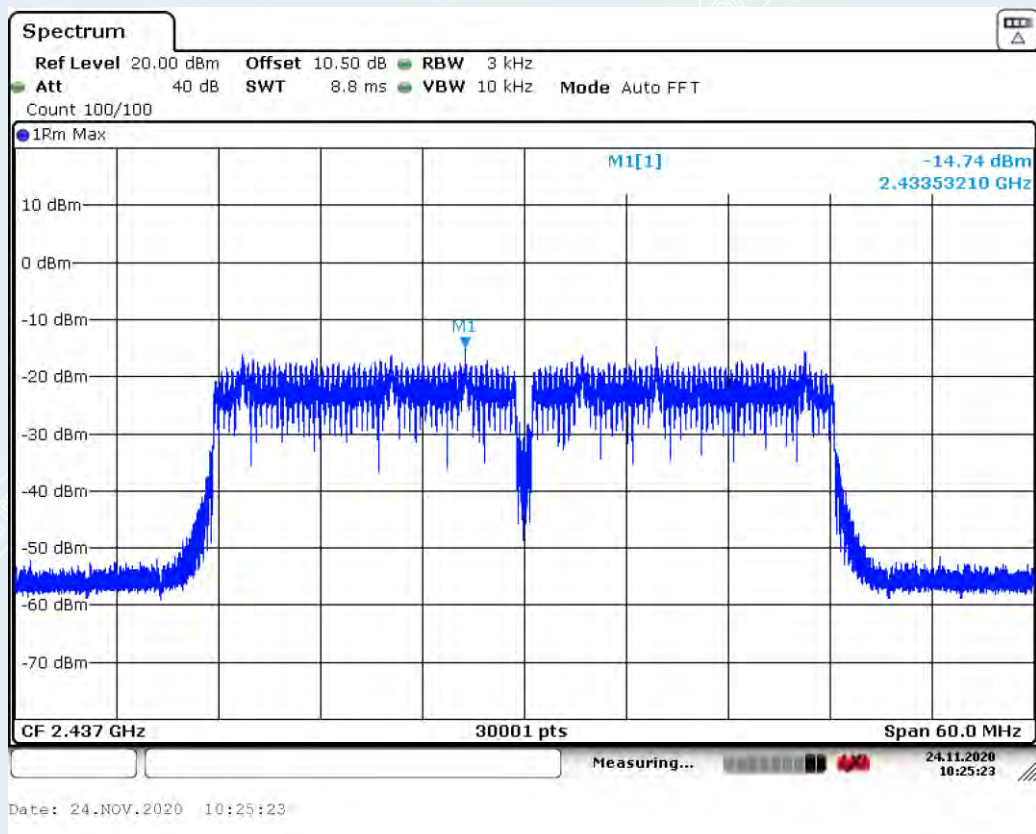
802.11n HT20 mode (antenna 2):
Channel 2462MHz



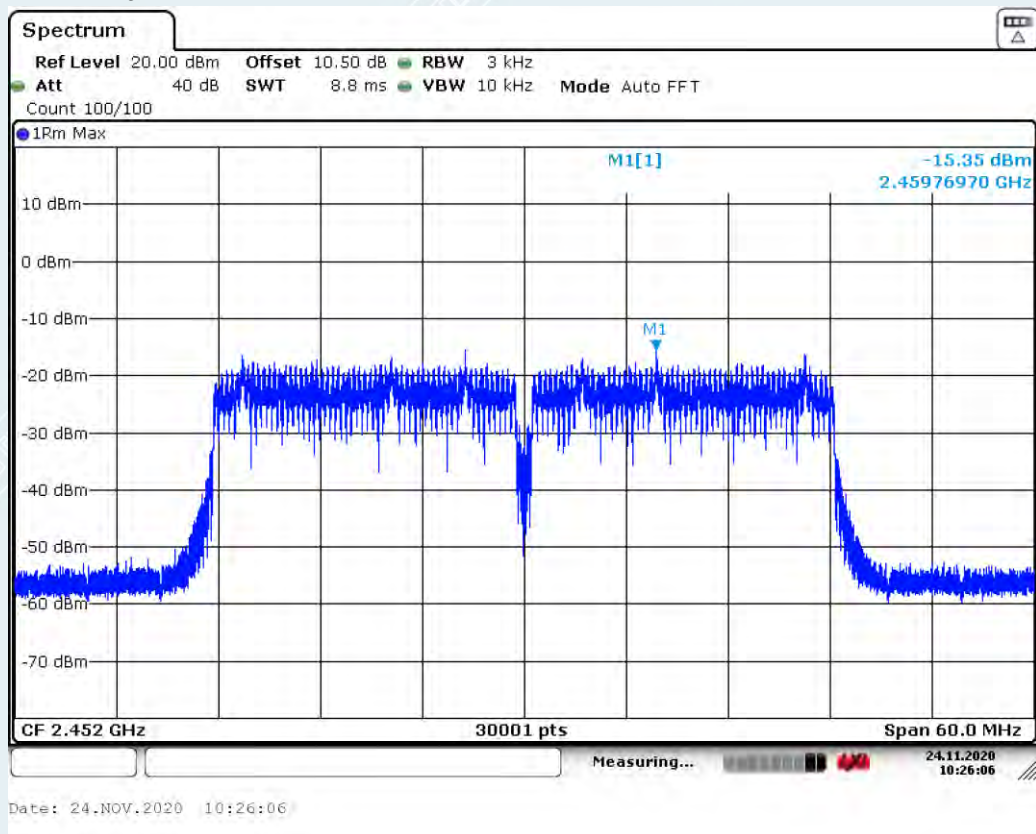
802.11n HT40 mode (antenna 1):
Channel 2422MHz



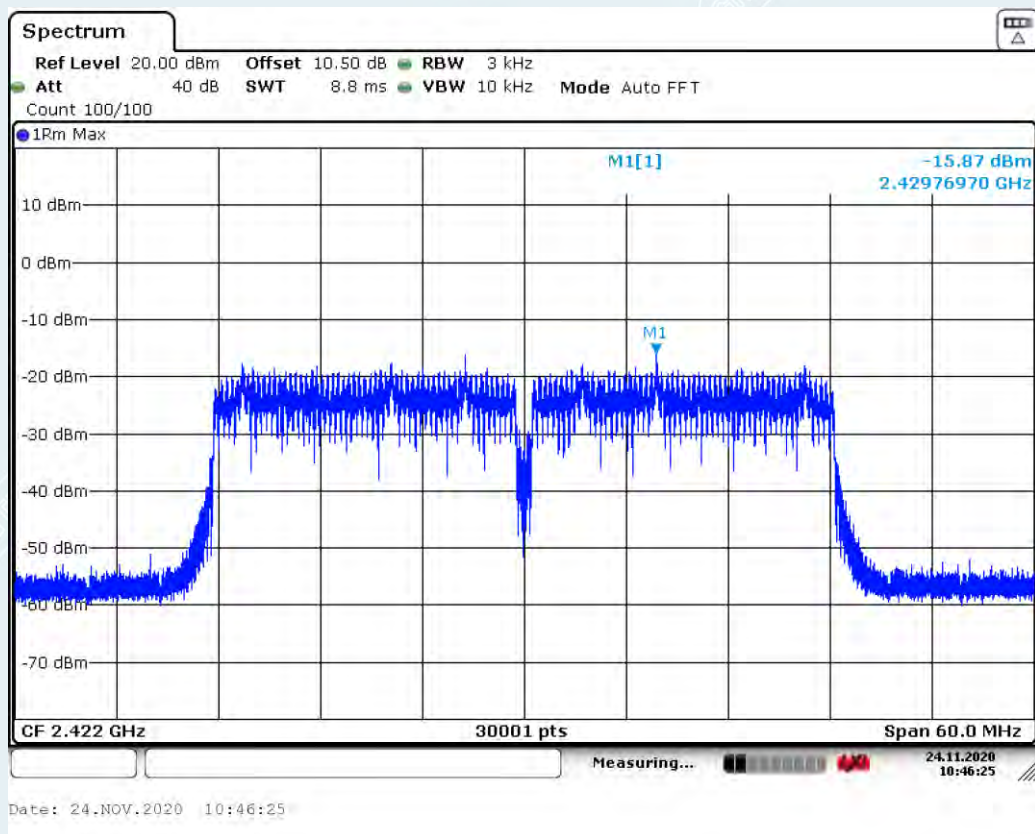
802.11n HT40 mode (antenna 1):
Channel 2437MHz



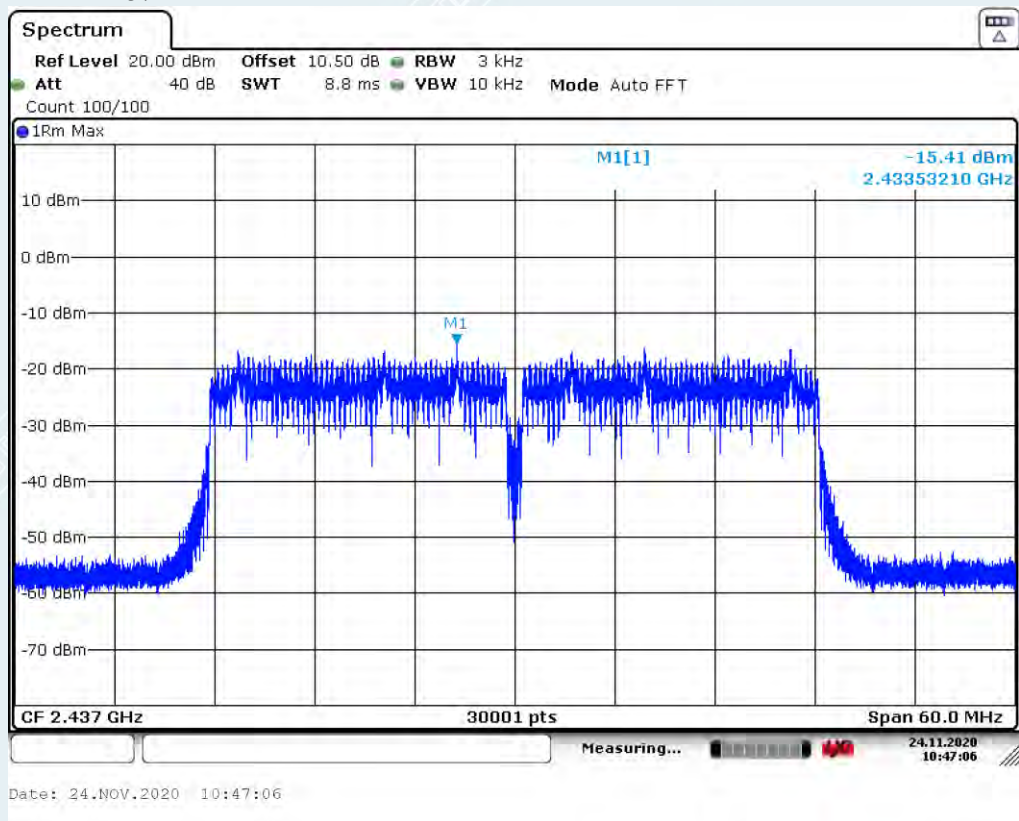
802.11n HT40 mode (antenna 1):
Channel 2452MHz



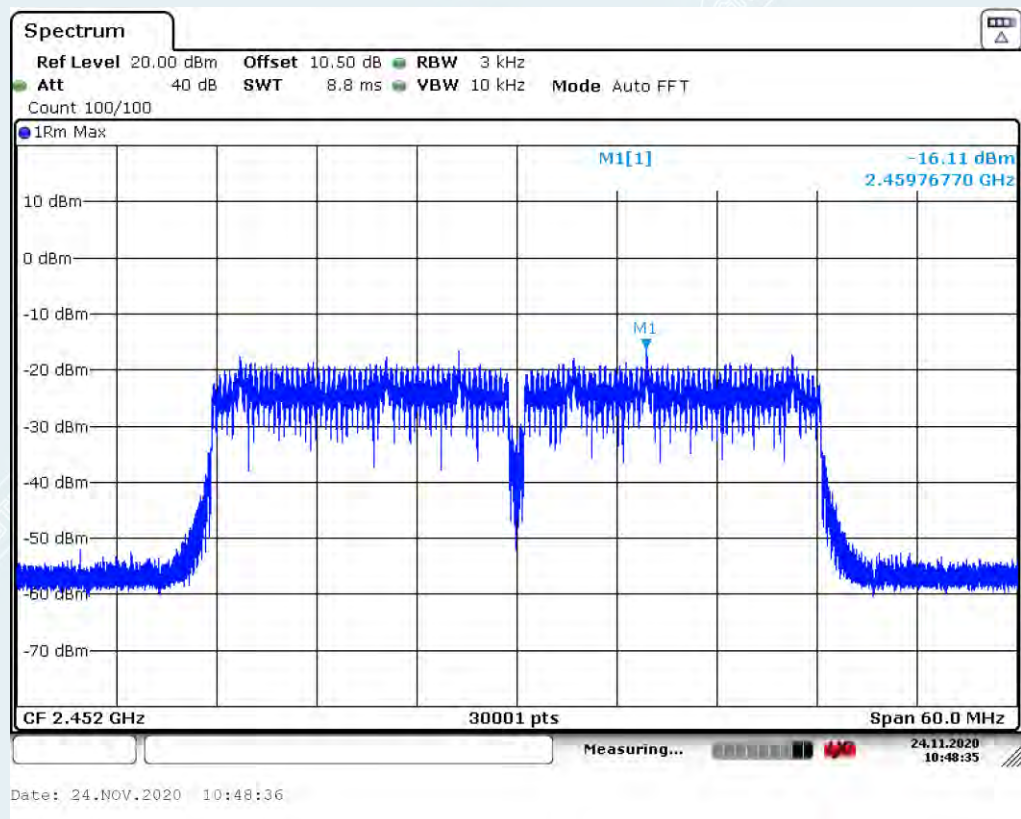
802.11n HT40 mode (antenna 2):
Channel 2422MHz



802.11n HT40 mode (antenna 2):
Channel 2437MHz

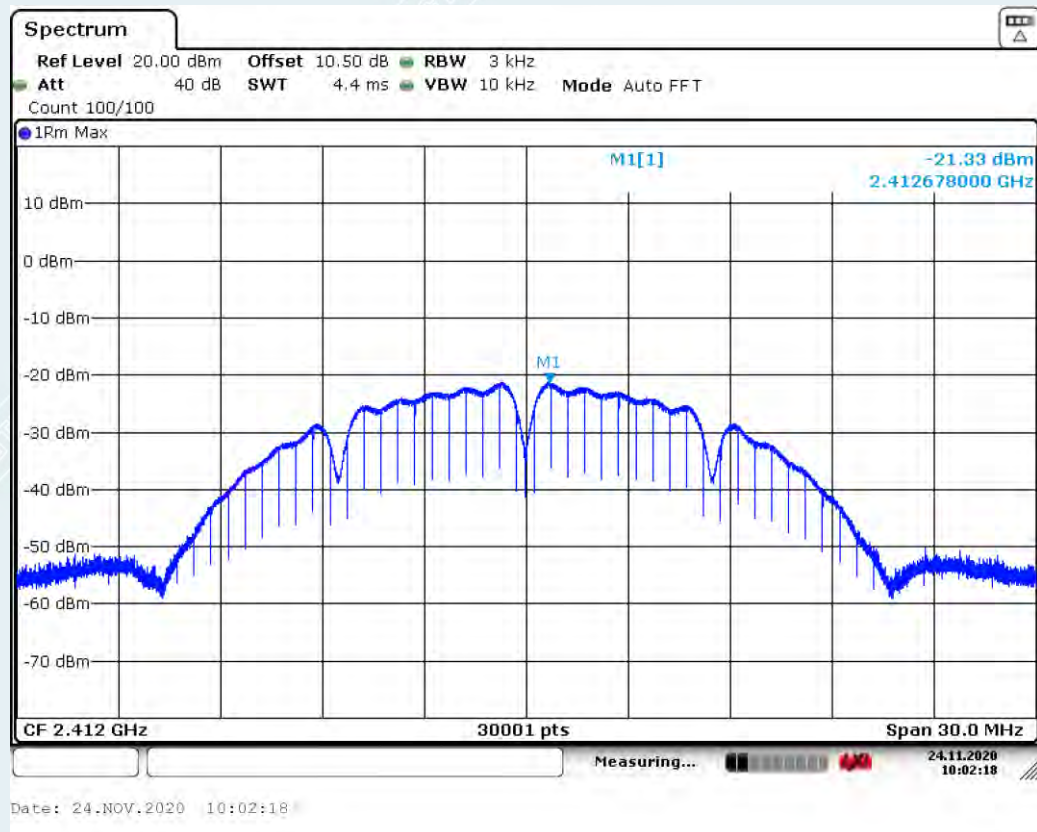


802.11n HT40 mode (antenna 2):
Channel 2452MHz



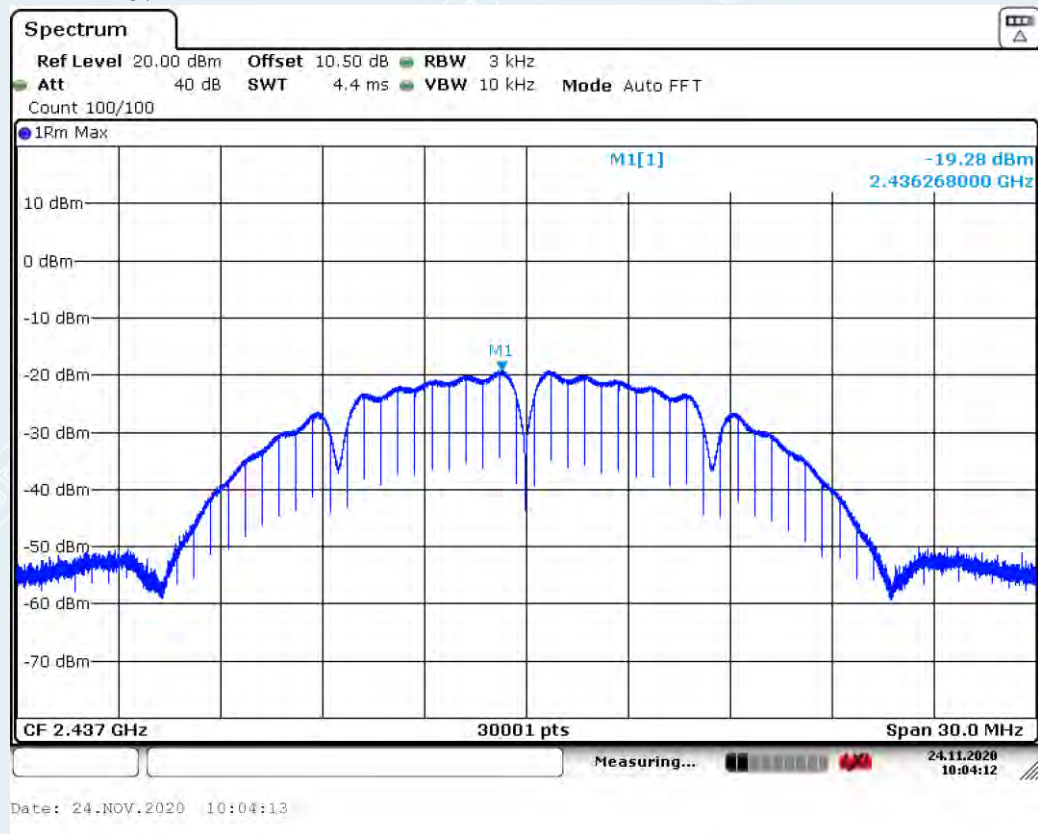
Beamforming

802.11b mode (antenna 1):
Channel 2412MHz



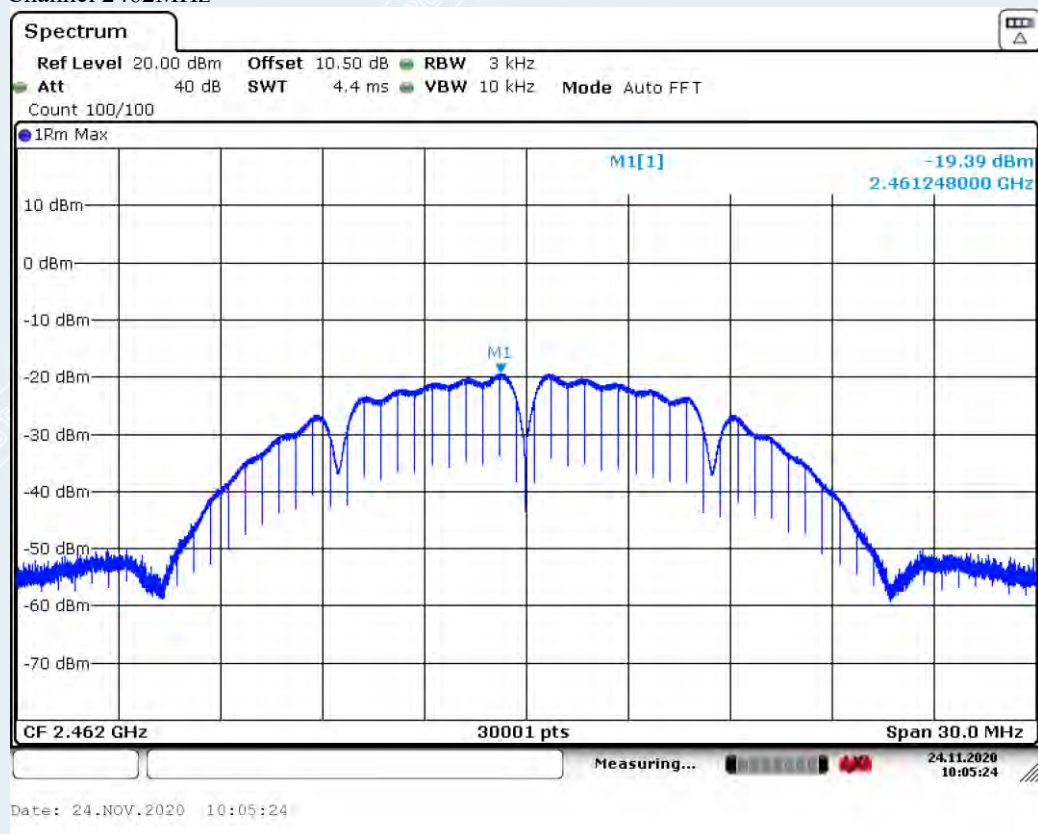
802.11b mode (antenna 1):

Channel 2437MHz



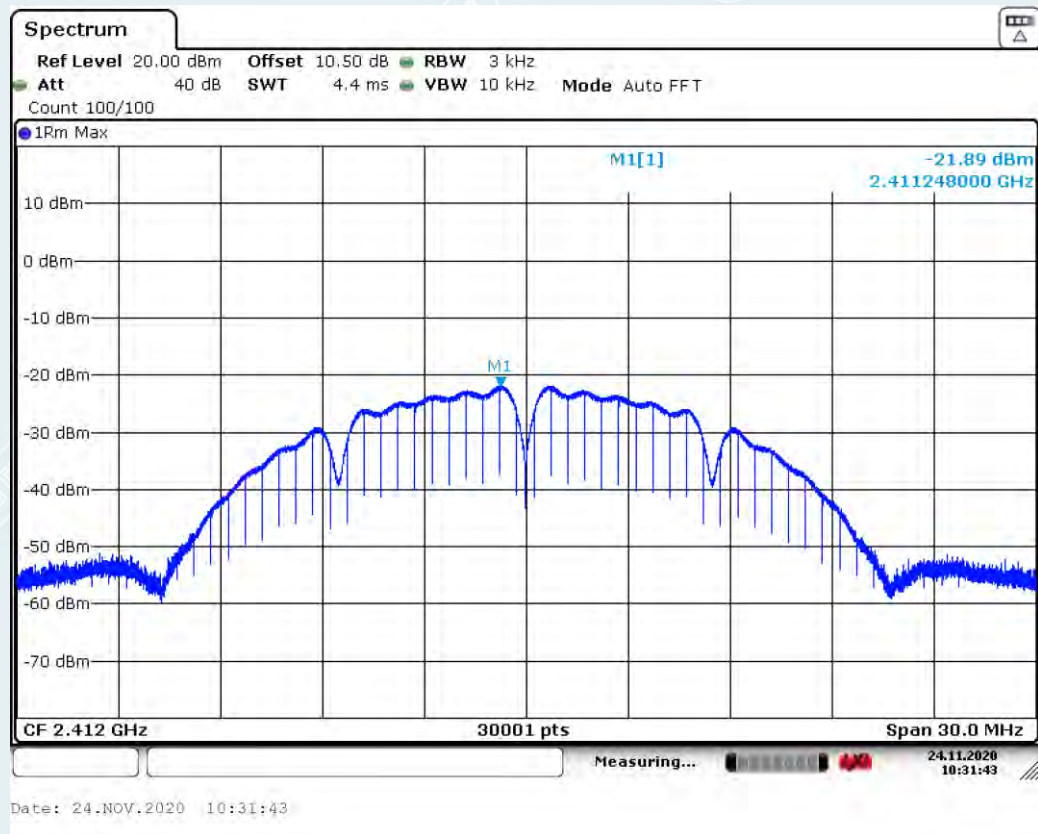
802.11b mode (antenna 1):

Channel 2462MHz



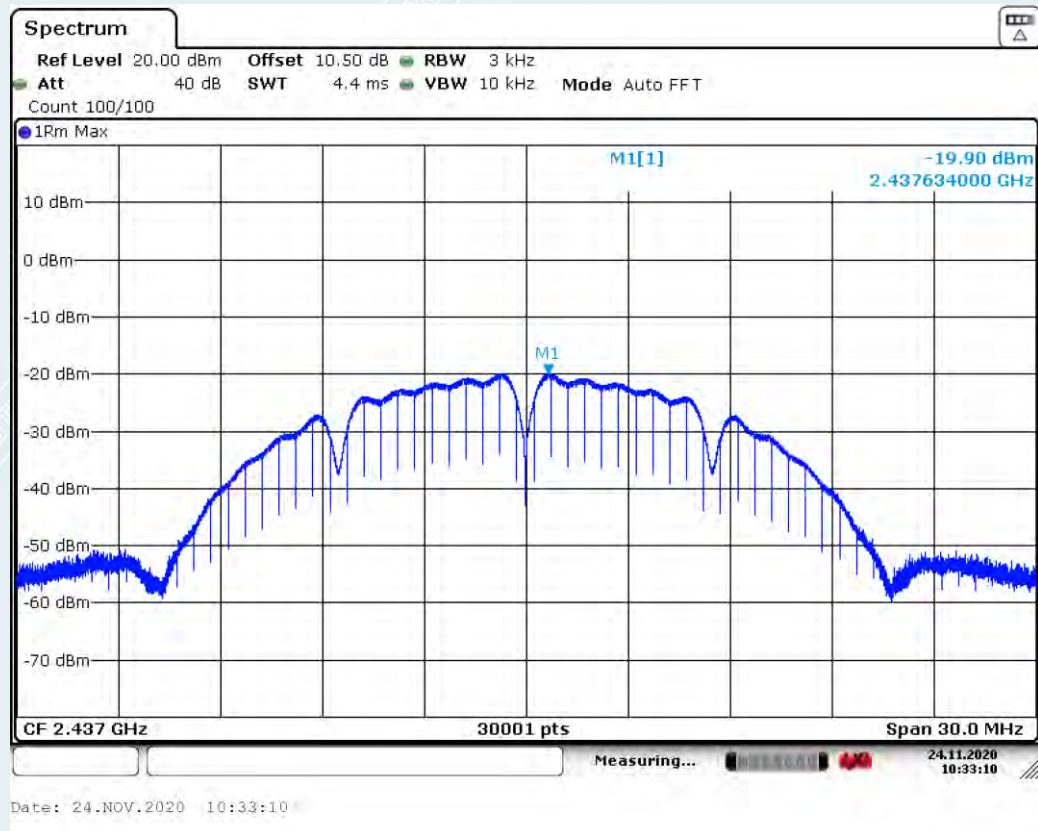
802.11b mode (antenna 2):

Channel 2412MHz



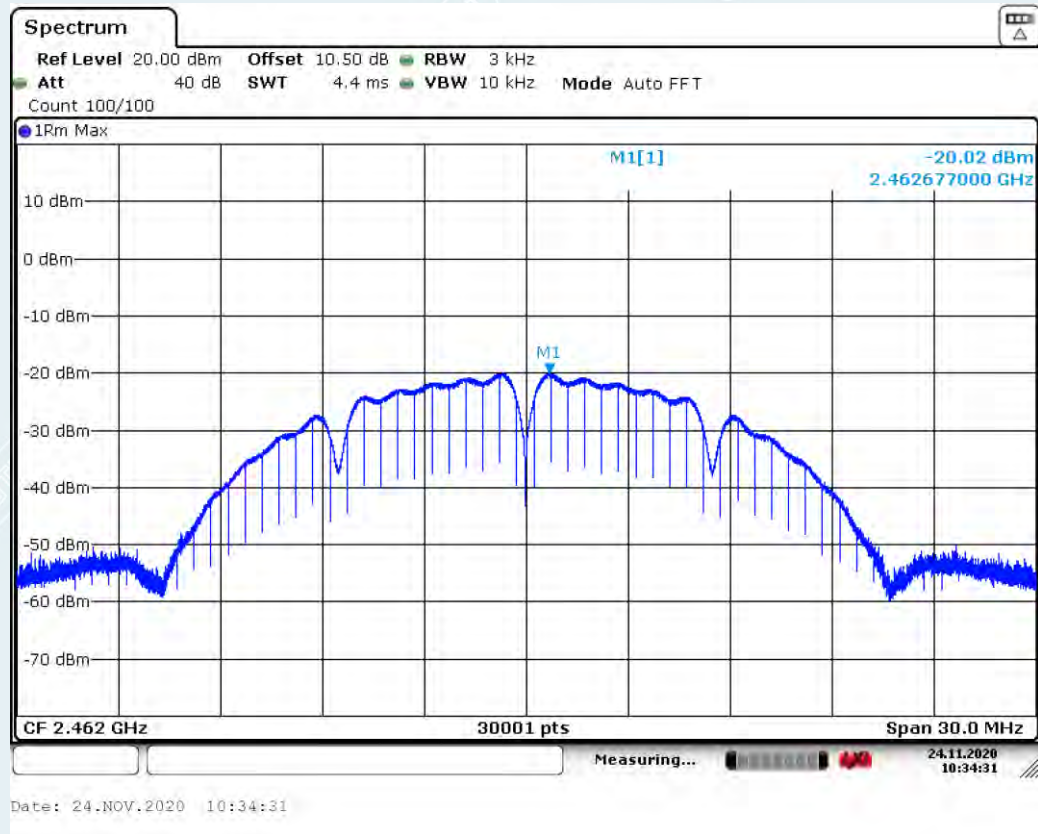
802.11b mode (antenna 2):

Channel 2437MHz



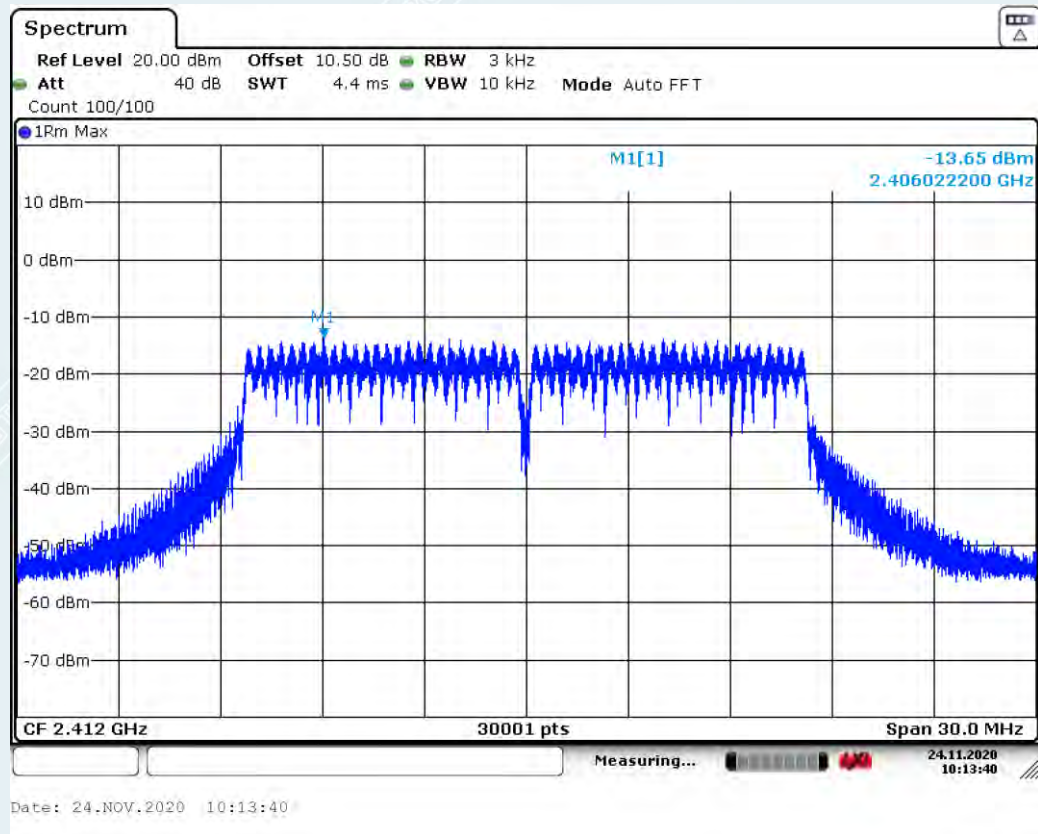
802.11b mode (antenna 2):

Channel 2462MHz



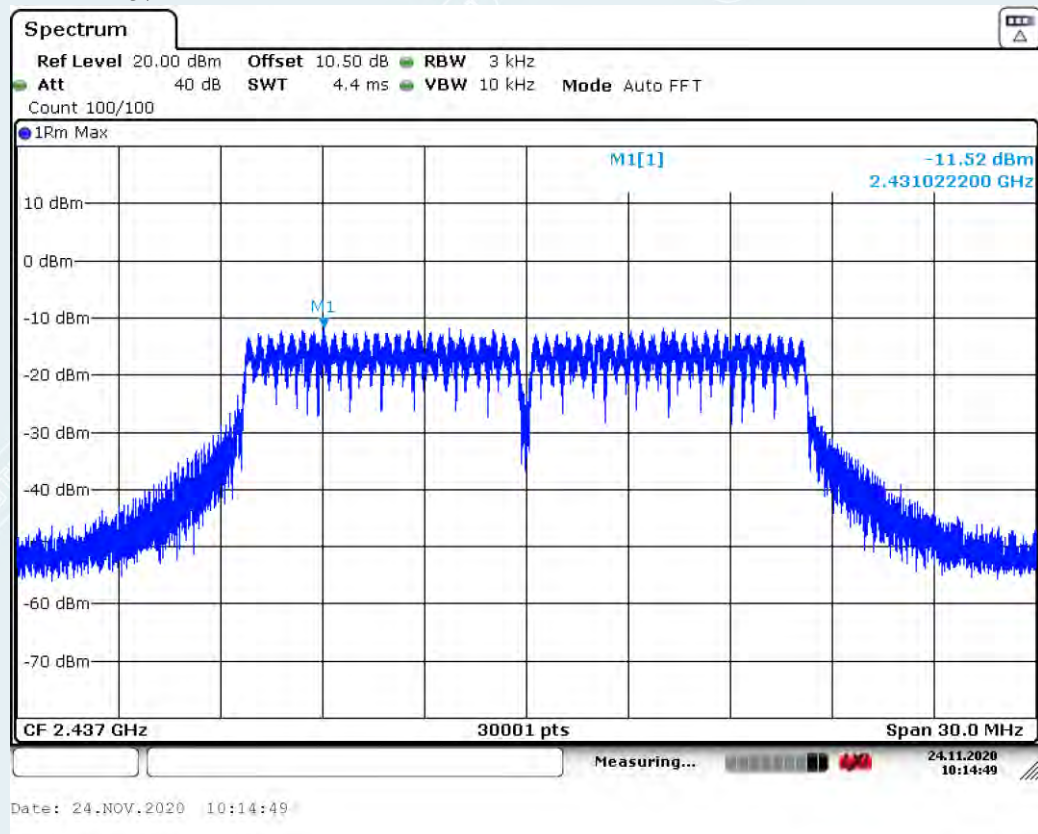
802.11g mode (antenna 1):

Channel 2412MHz



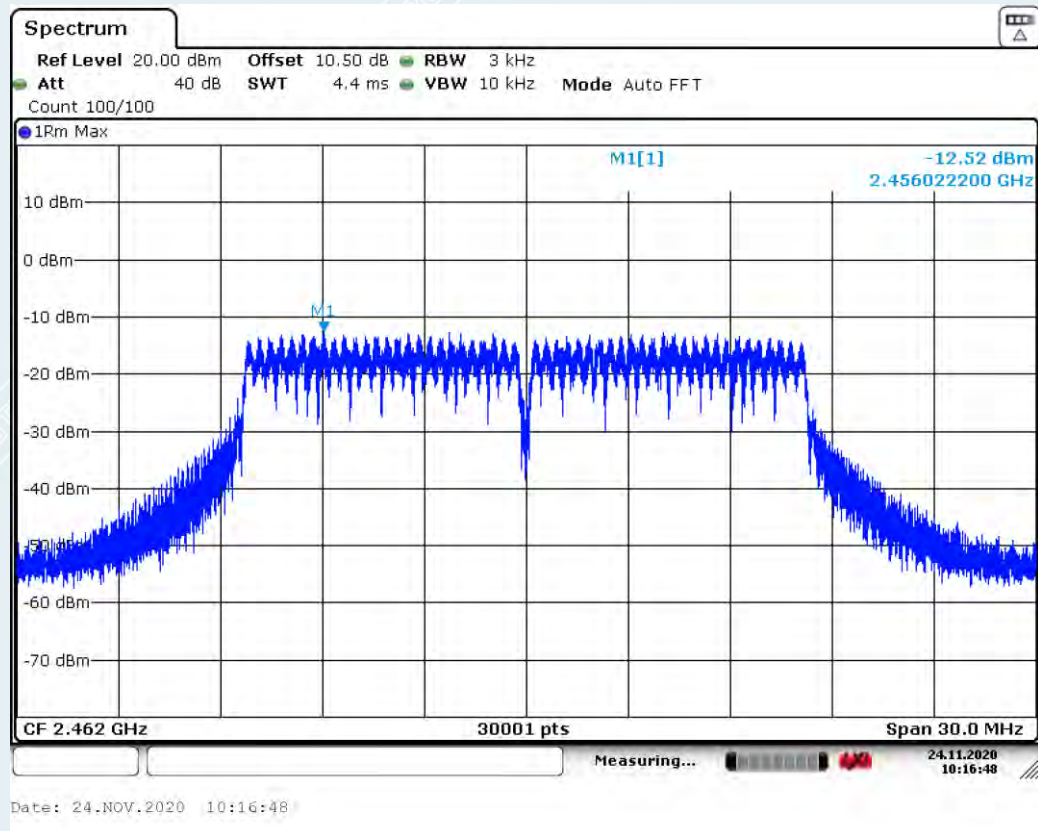
802.11g mode (antenna 1):

Channel 2437MHz



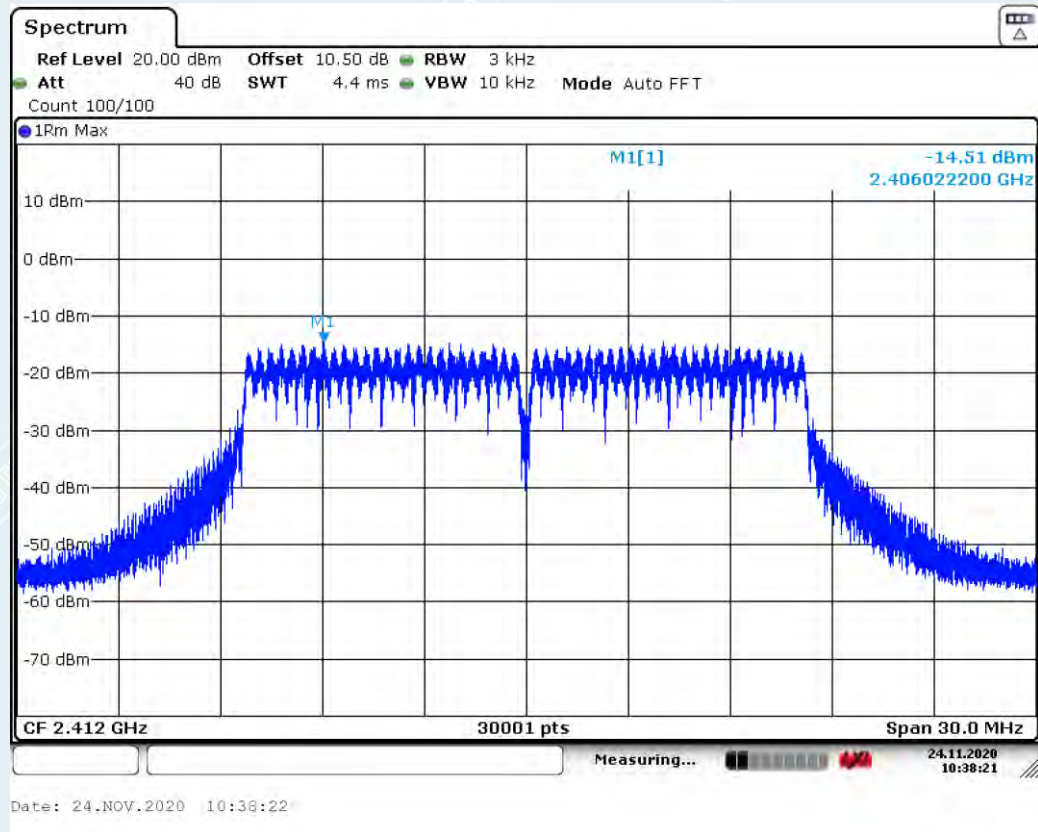
802.11g mode (antenna 1):

Channel 2462MHz



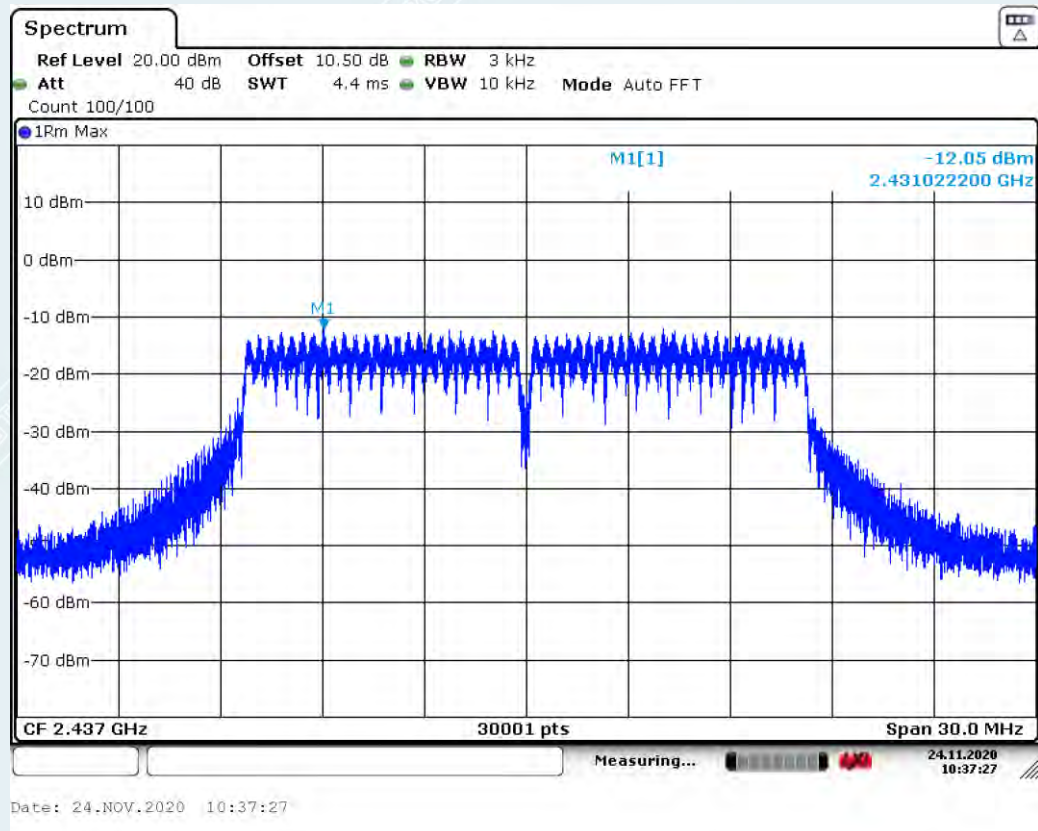
802.11g mode (antenna 2):

Channel 2412MHz



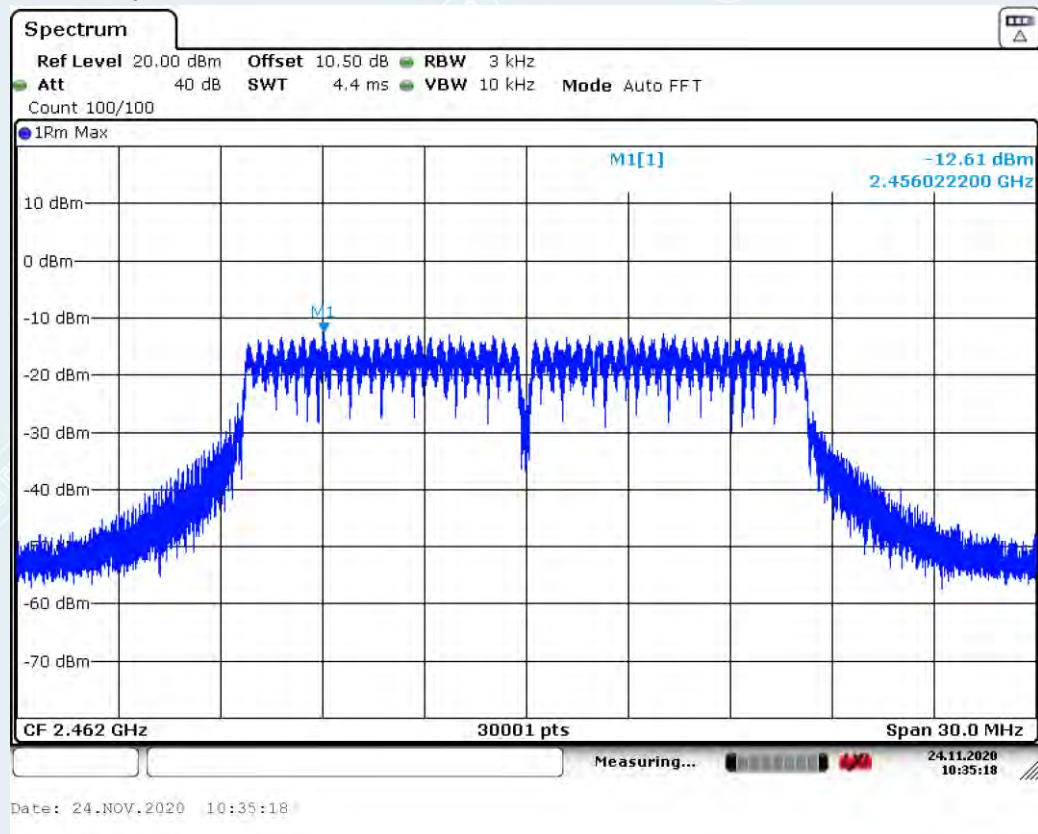
802.11g mode (antenna 2):

Channel 2437MHz



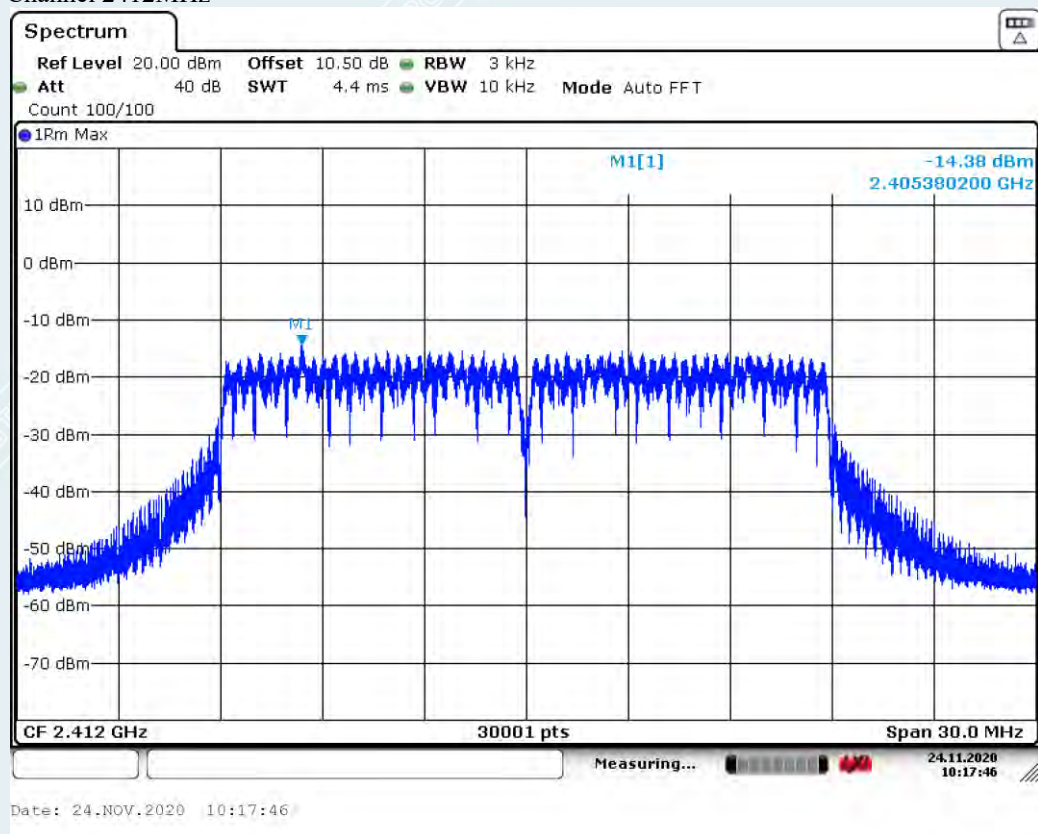
802.11g mode (antenna 2):

Channel 2462MHz



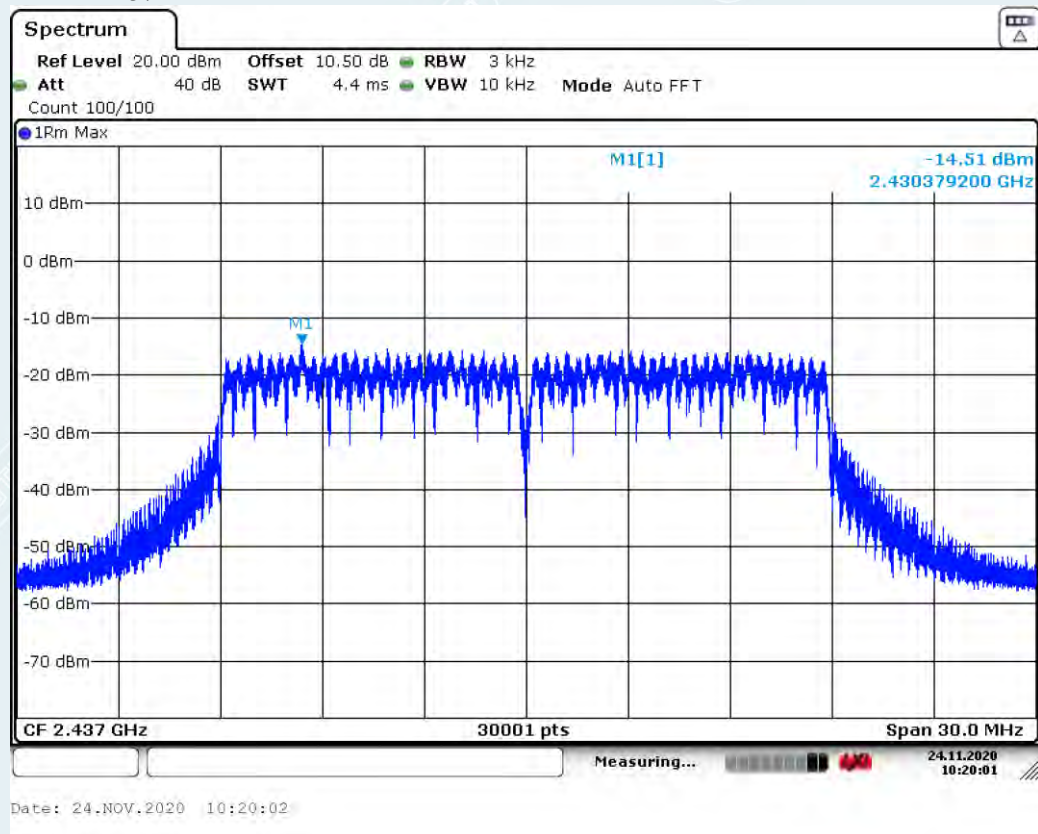
802.11n HT20 mode (antenna 1):

Channel 2412MHz



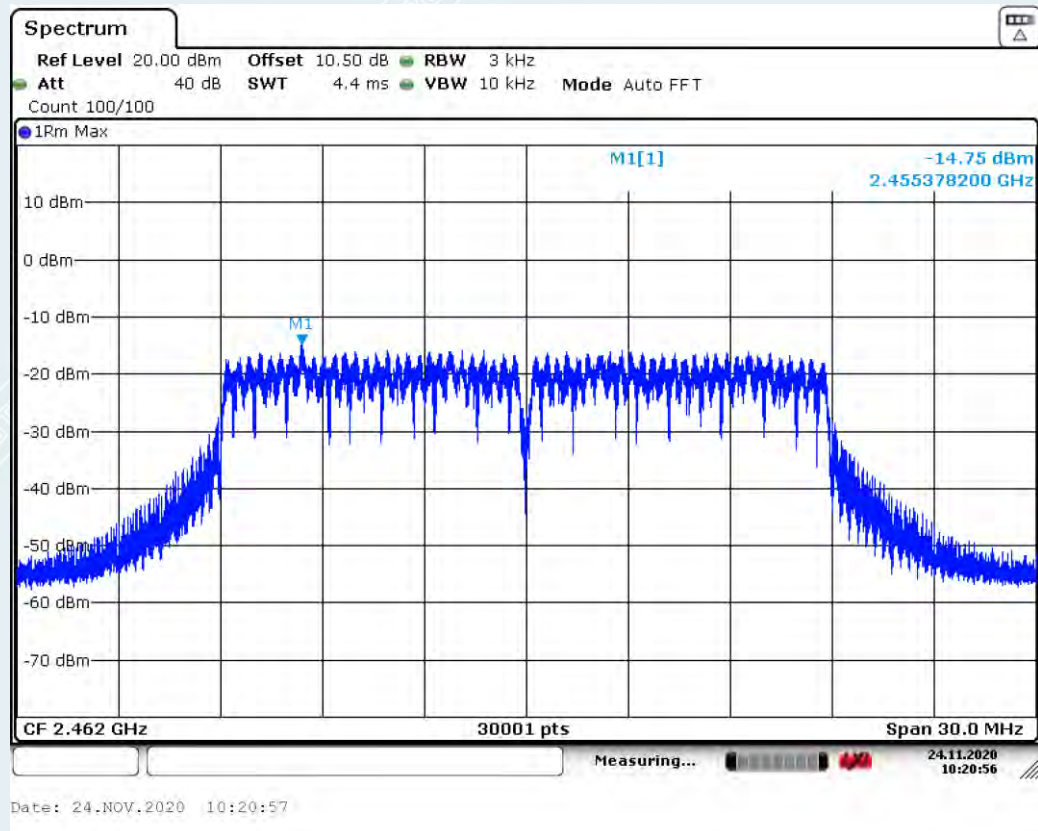
802.11n HT20 mode (antenna 1):

Channel 2437MHz



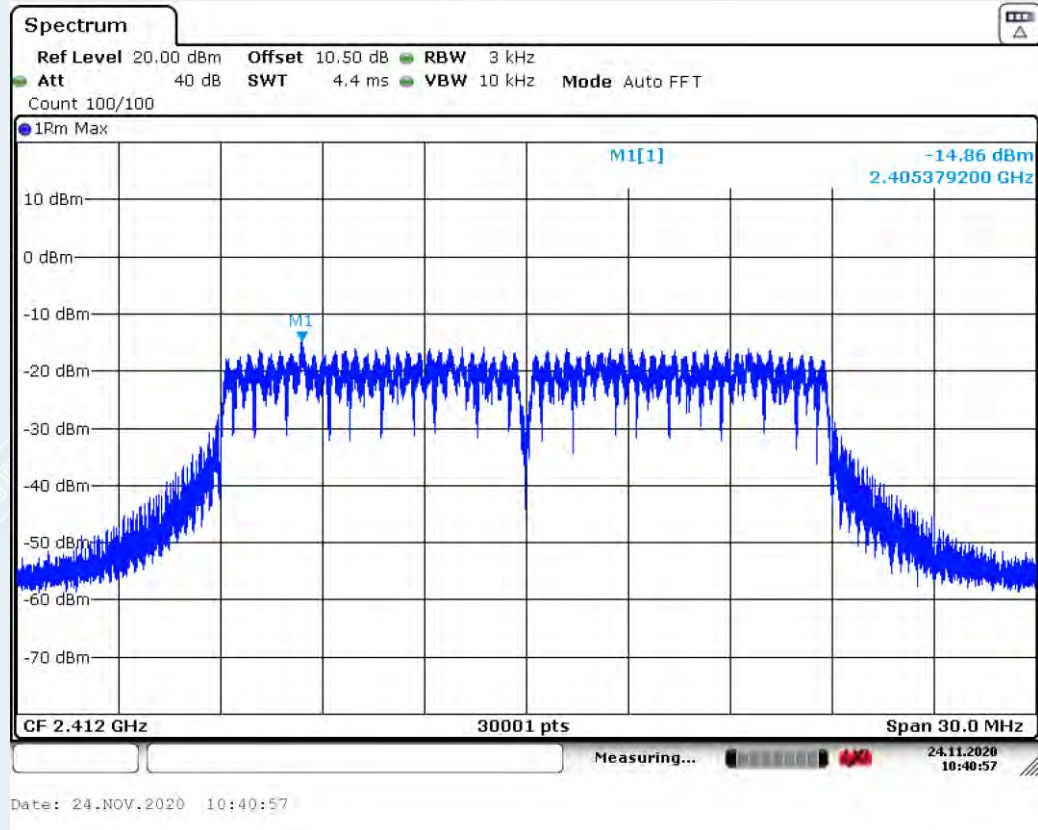
802.11n HT20 mode (antenna 1):

Channel 2462MHz



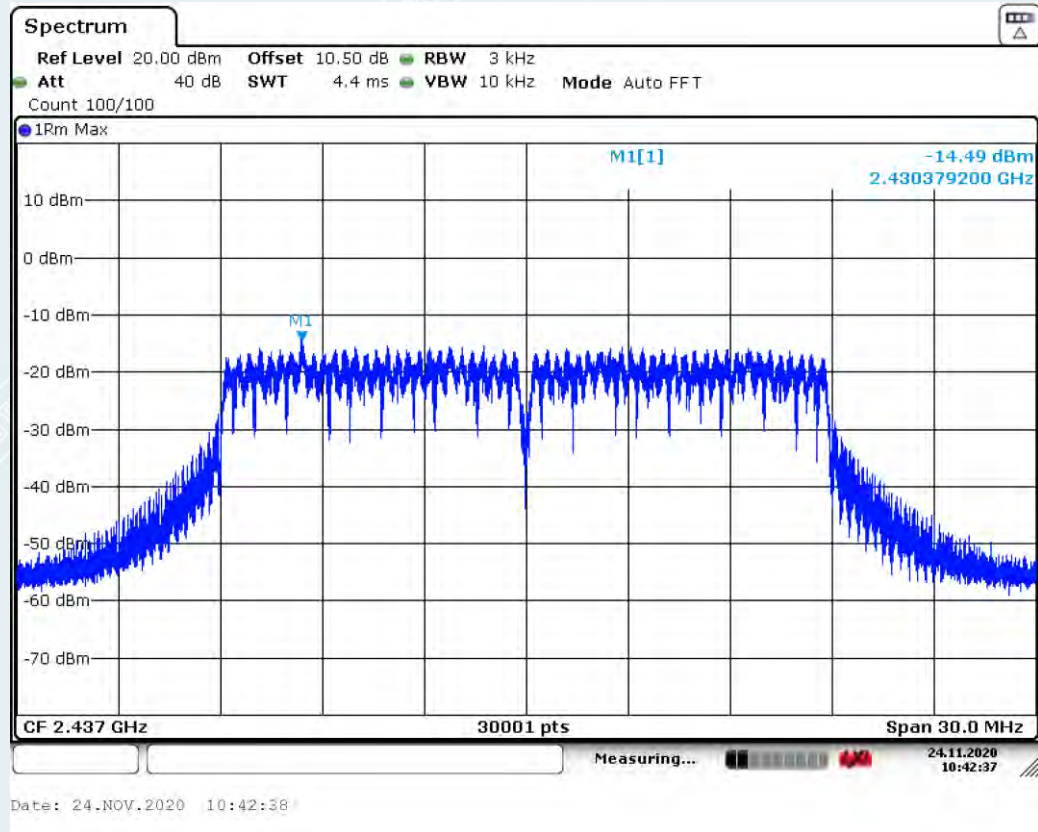
802.11n HT20 mode (antenna 2):

Channel 2412MHz



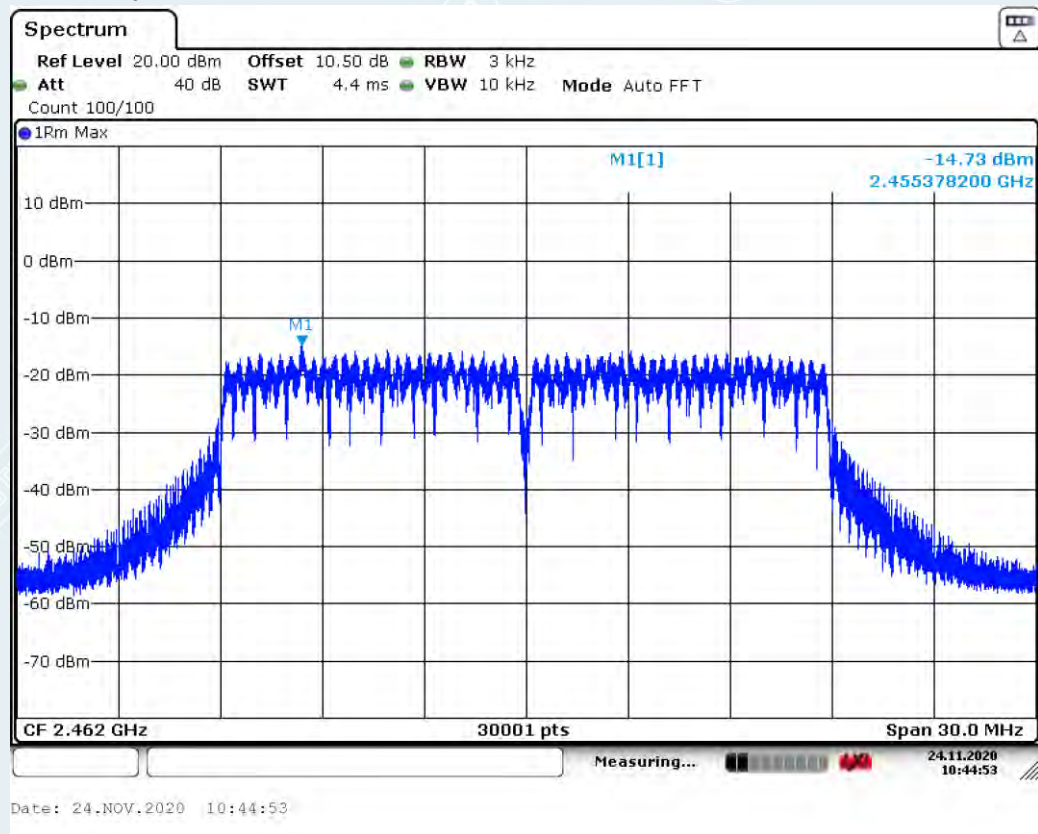
802.11n HT20 mode (antenna 2):

Channel 2437MHz



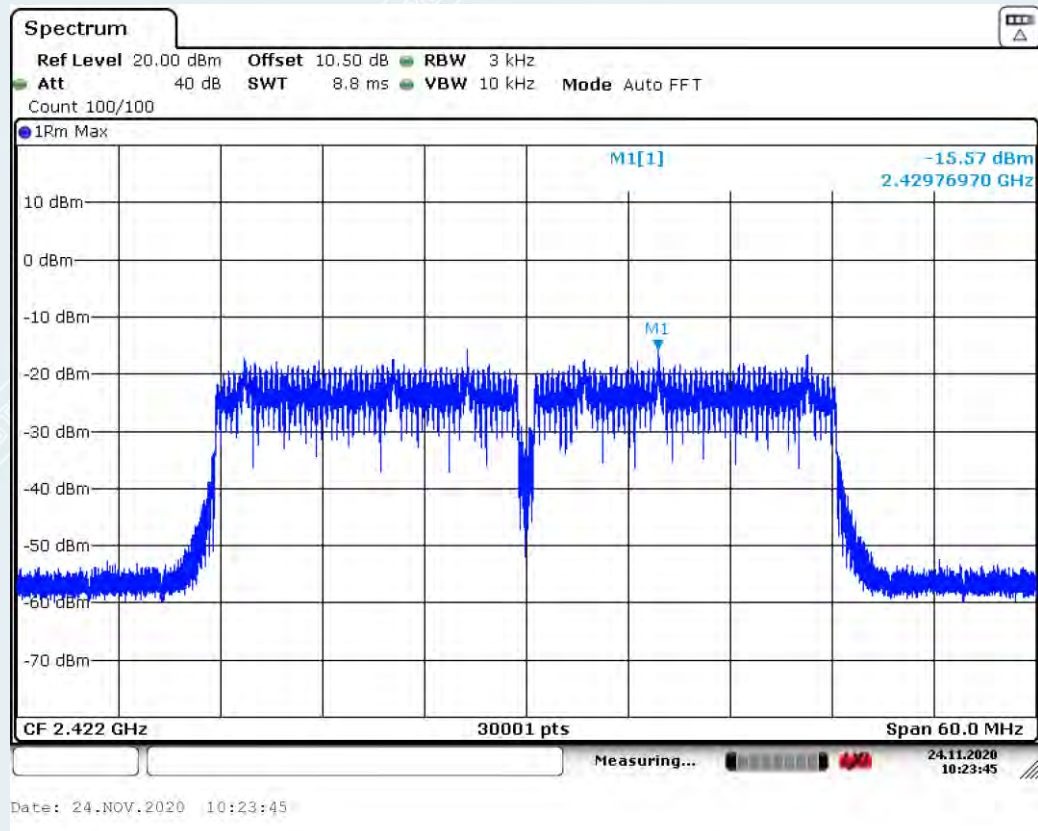
802.11n HT20 mode (antenna 2):

Channel 2462MHz



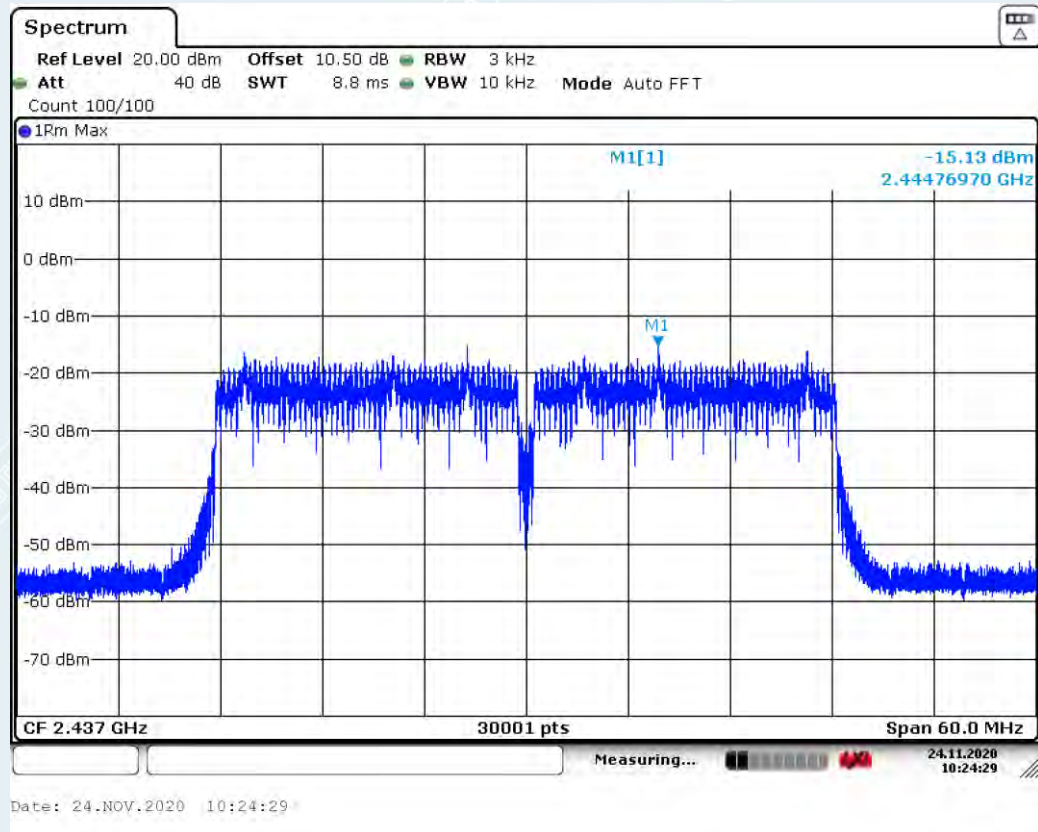
802.11n HT40 mode (antenna 1):

Channel 2422MHz



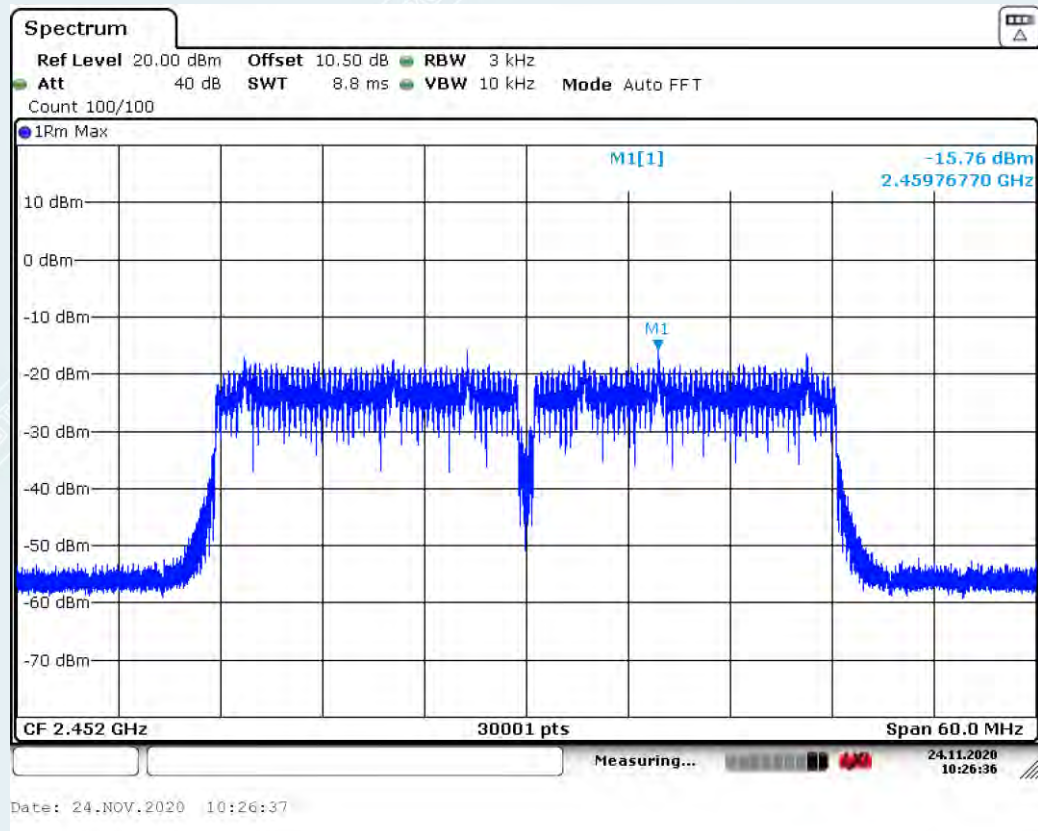
802.11n HT40 mode (antenna 1):

Channel 2437MHz



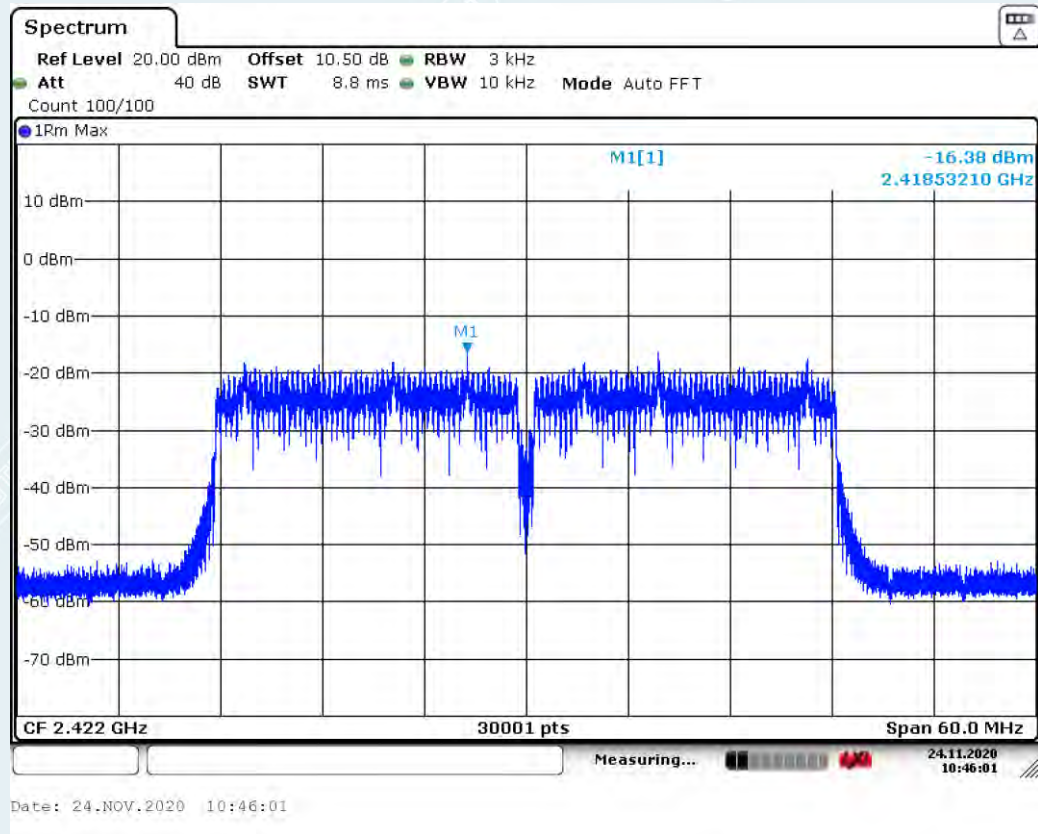
802.11n HT40 mode (antenna 1):

Channel 2452MHz



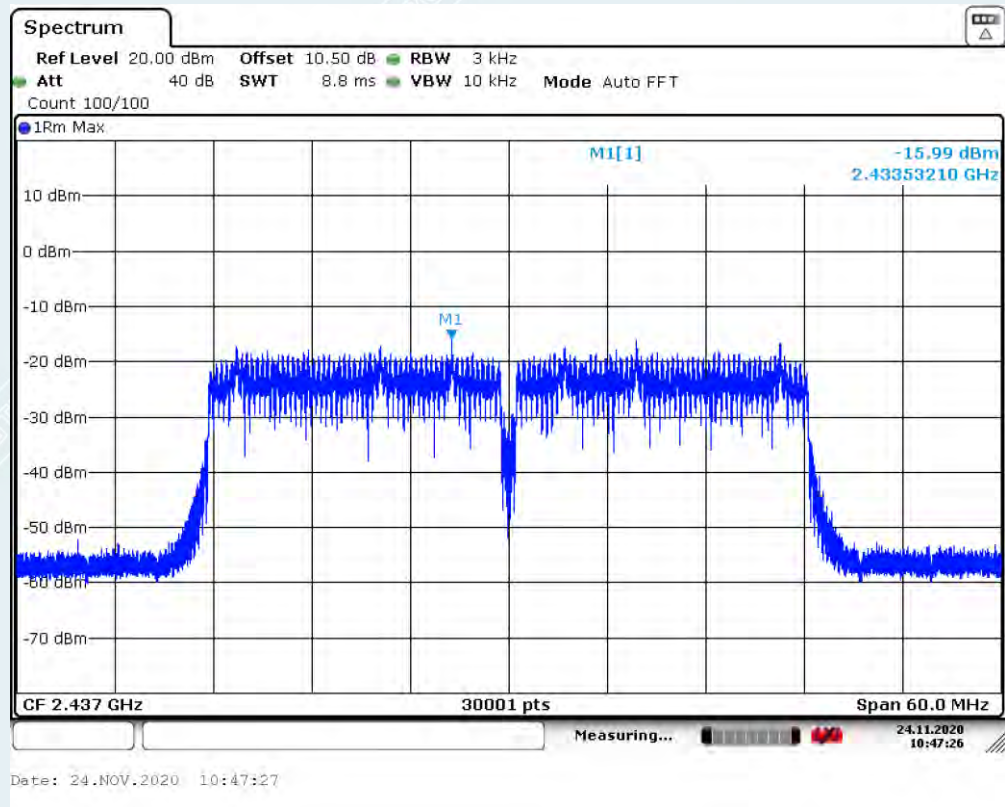
802.11n HT40 mode (antenna 2):

Channel 2422MHz



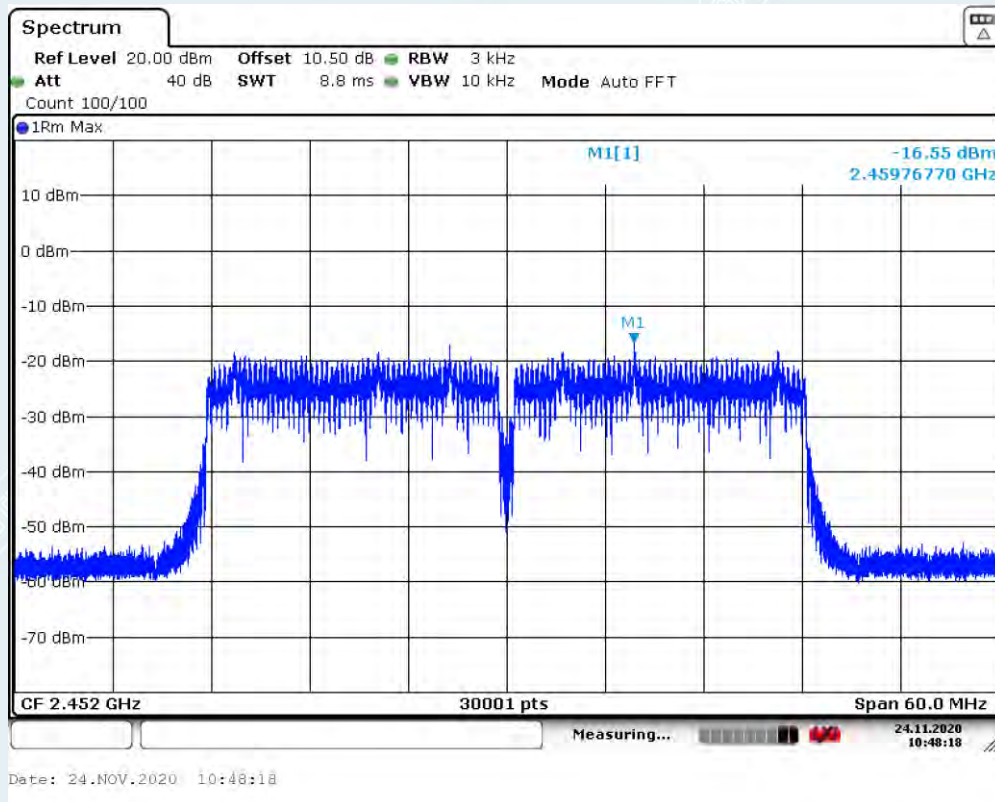
802.11n HT40 mode (antenna 2):

Channel 2437MHz



802.11n HT40 mode (antenna 2):

Channel 2452MHz



10. CONDUCTED BAND EDGES AND SPURIOUS EMISSIONS

10.1. LIMITS

(d) In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

10.2. TEST PROCEDURES

Test procedures follow KDB 558074 D01 DTS Measurement Guidance v03r01.

Remove the antenna from the EUT and then connect a low attenuation cable from the antenna port to the spectrum.

- 1) Remove the antenna from the EUT and then connect a low attenuation cable from the antenna port to the spectrum.
- 2) Set the spectrum analyzer: RBW = 100 KHz; VBW = 300 KHz, Span = 30 MHz to 25 GHz; Sweep = auto; Detector Function = Peak. Trace = Max, hold.
- 3) Measure and record the results in the test report.

- 4) The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

10.3. TEST SETUP



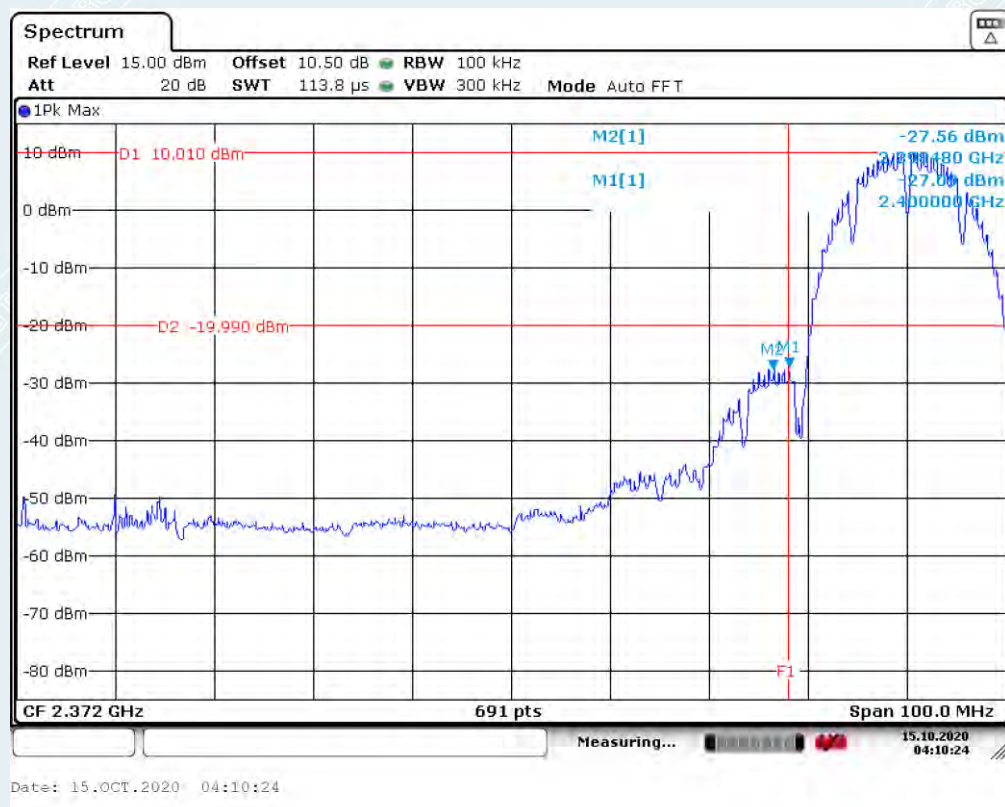
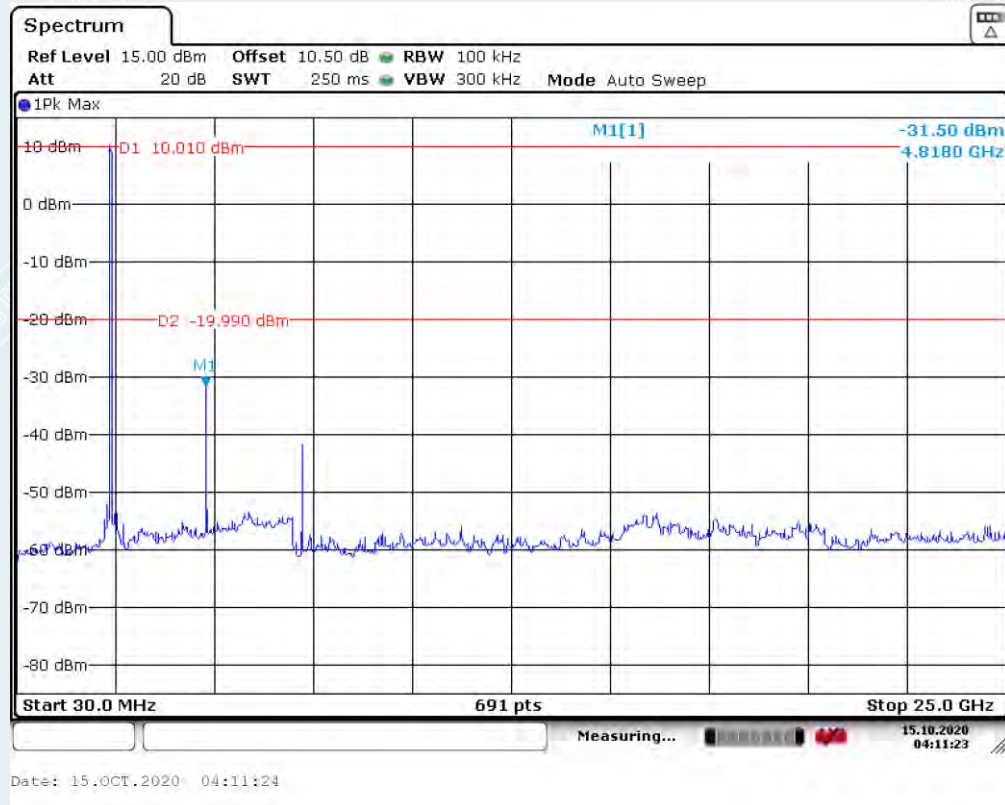
10.4. TEST RESULTS

Non-beamforming

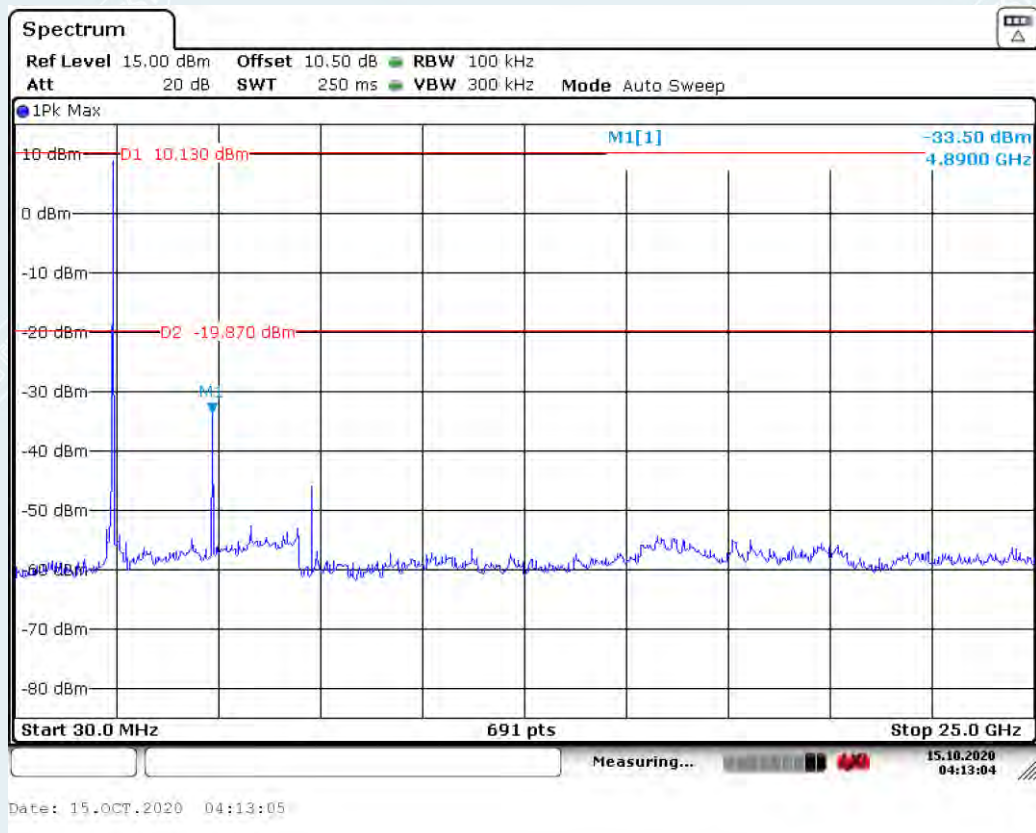
802.11b mode (antenna 1):

Channel 2412MHz

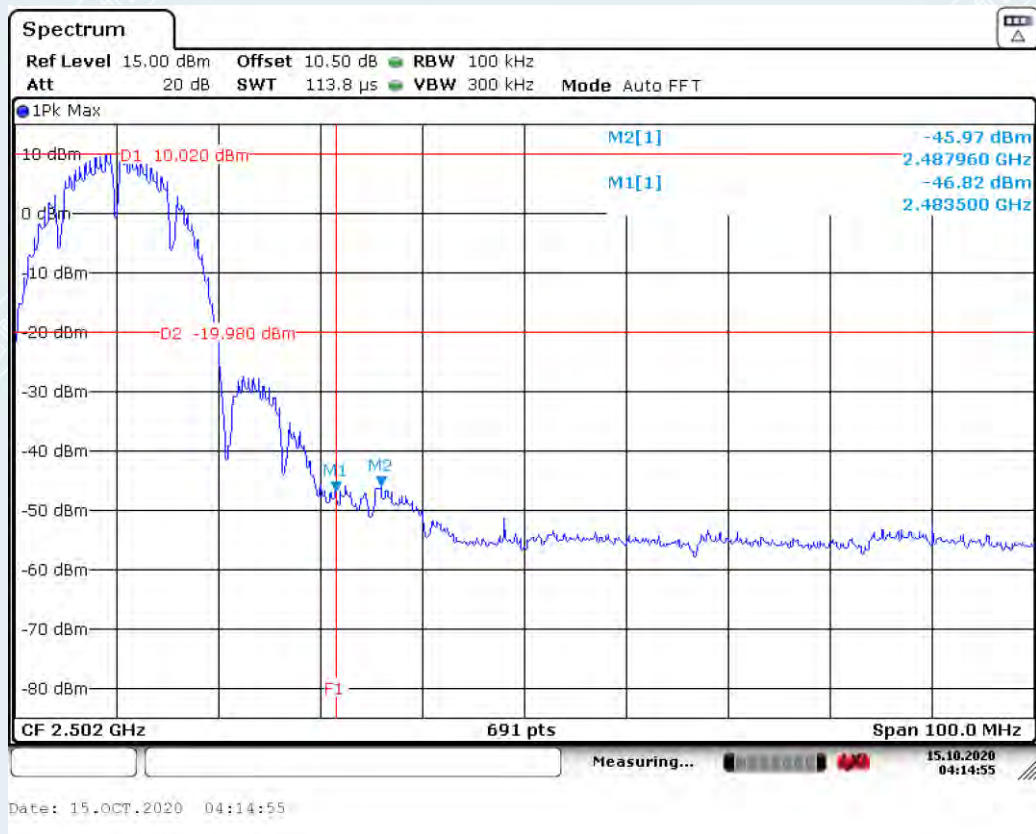
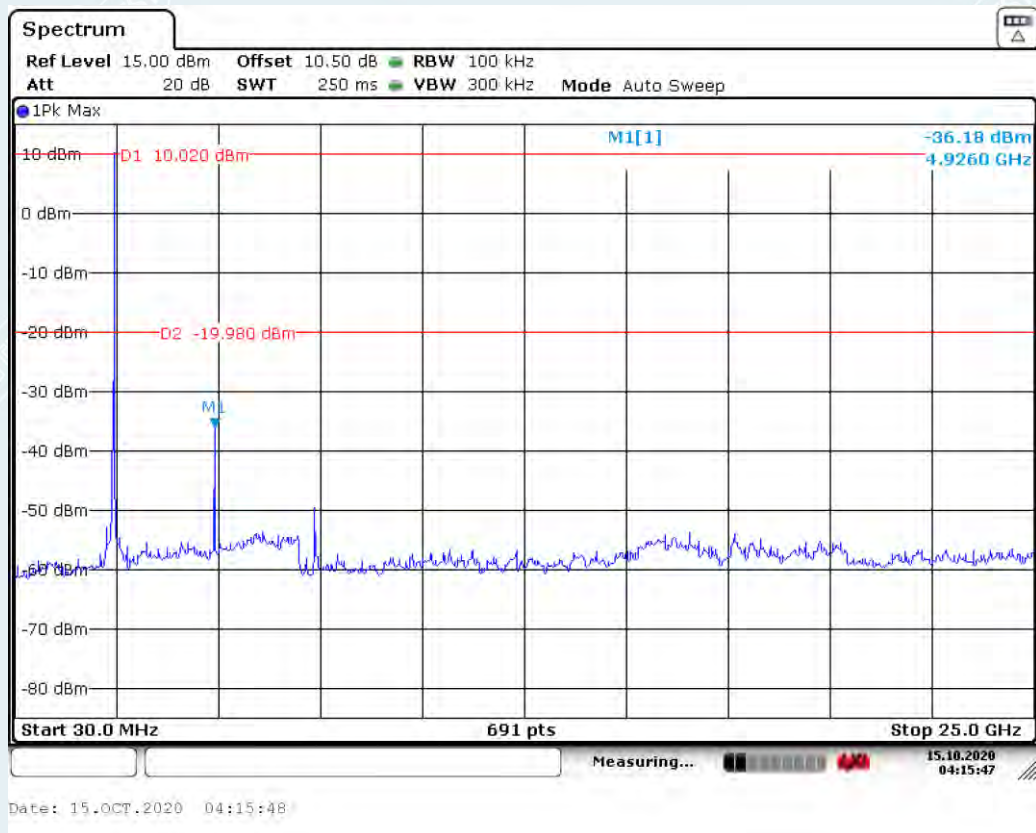
0.03GHz-25GHz



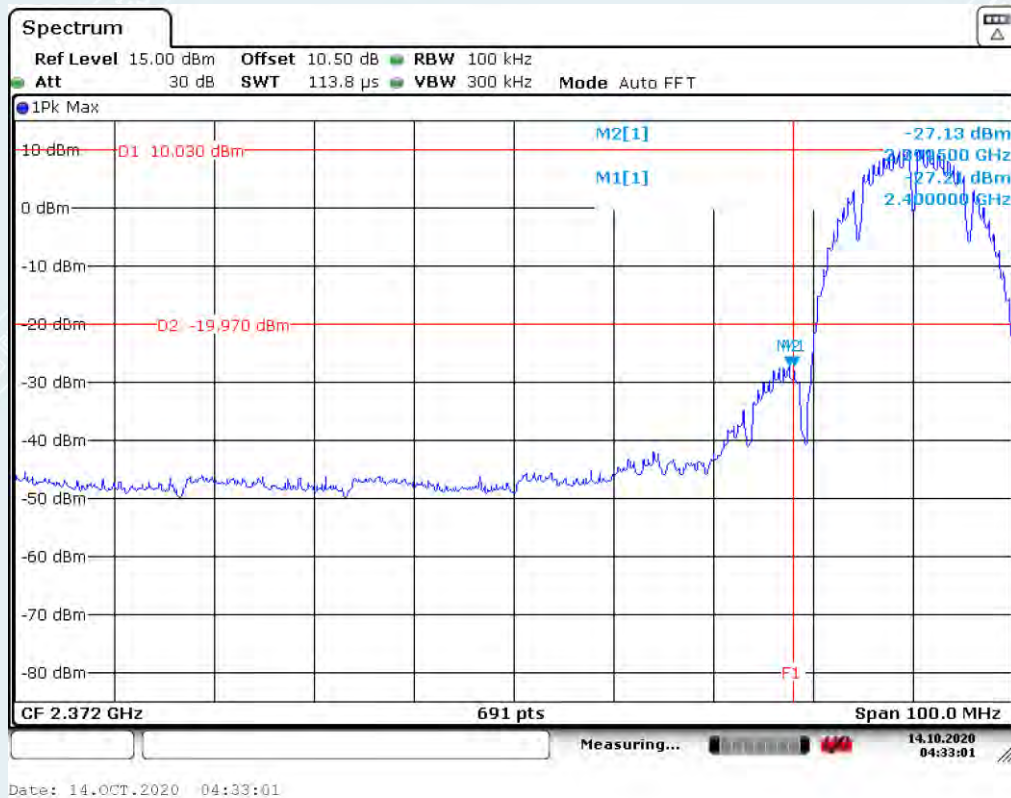
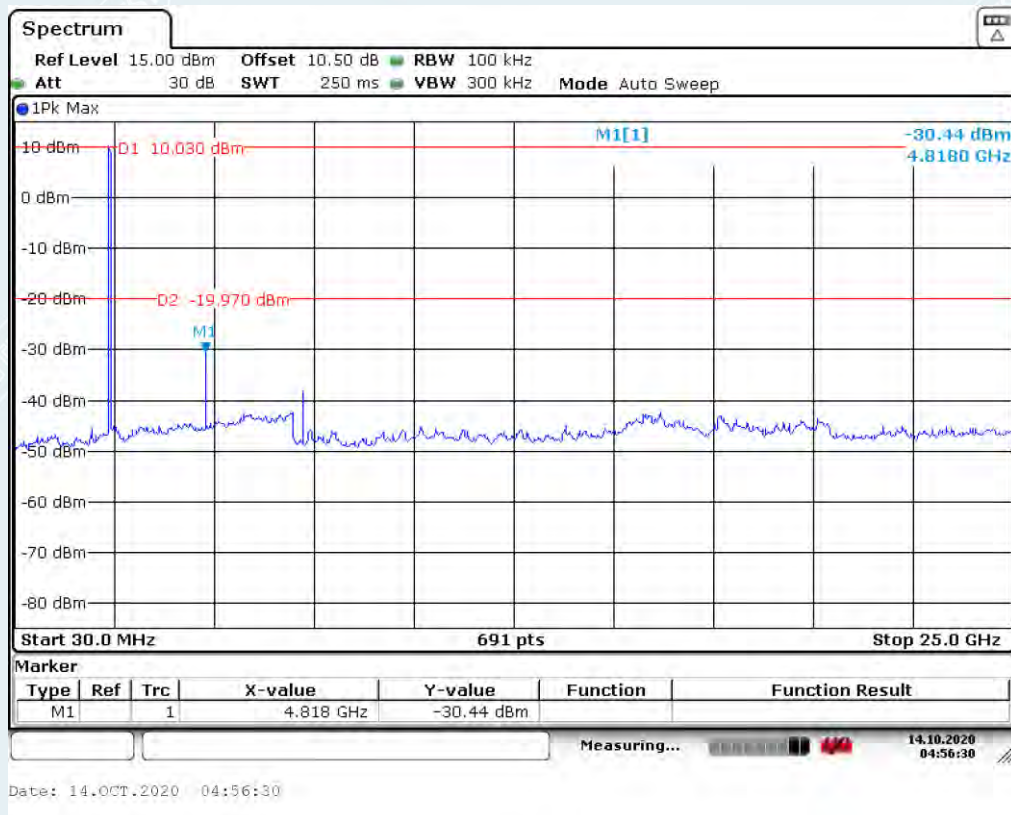
802.11b mode (antenna 1):
Channel 2437MHz
0.03GHz-25GHz



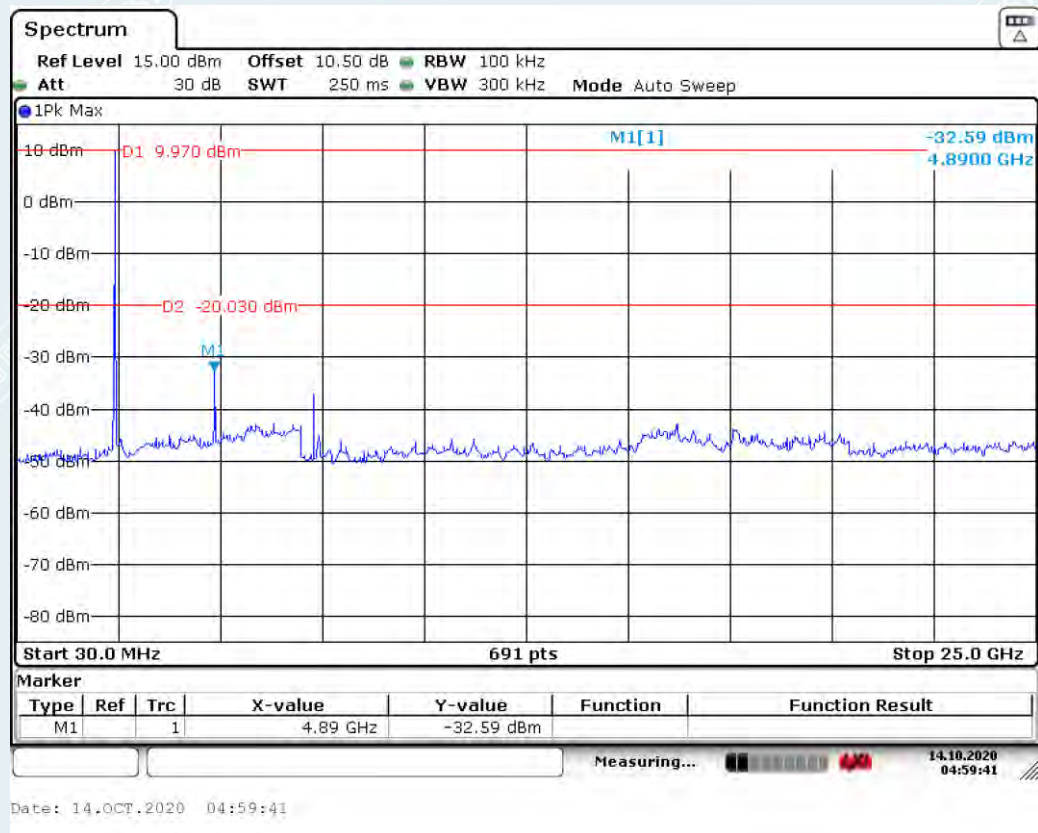
802.11b mode (antenna 1):
Channel 2462MHz
0.03GHz-25GHz



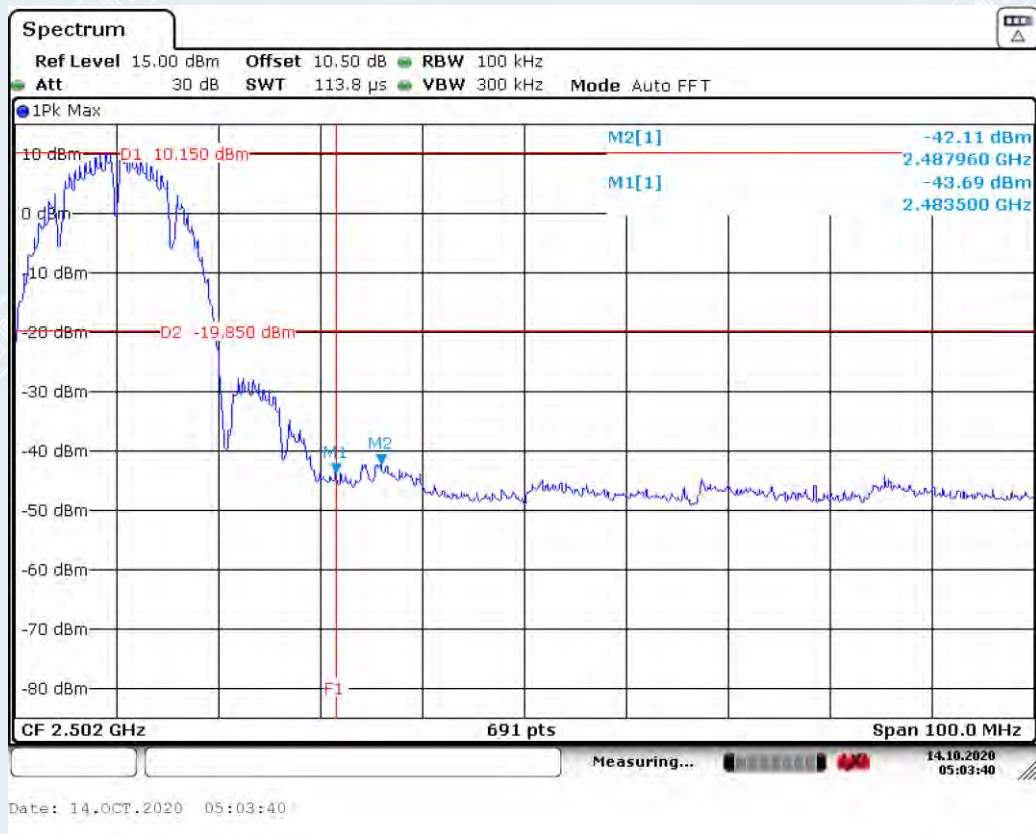
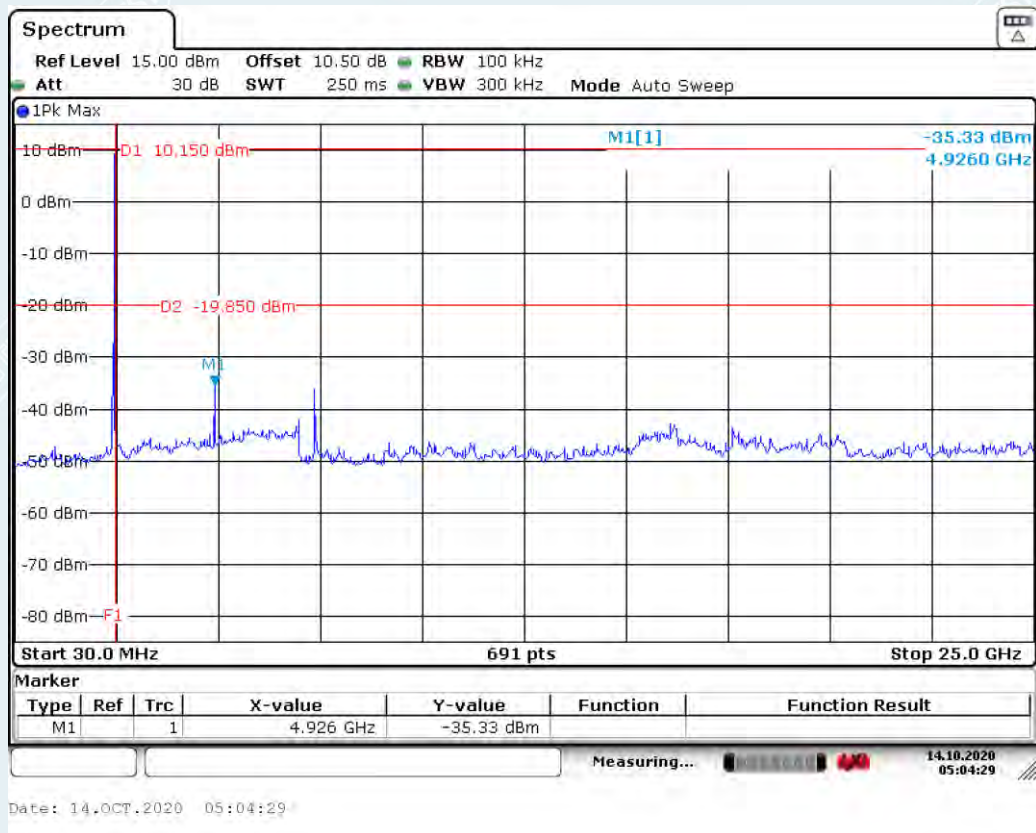
802.11b mode (antenna 2):
Channel 2412MHz
0.03GHz-25GHz



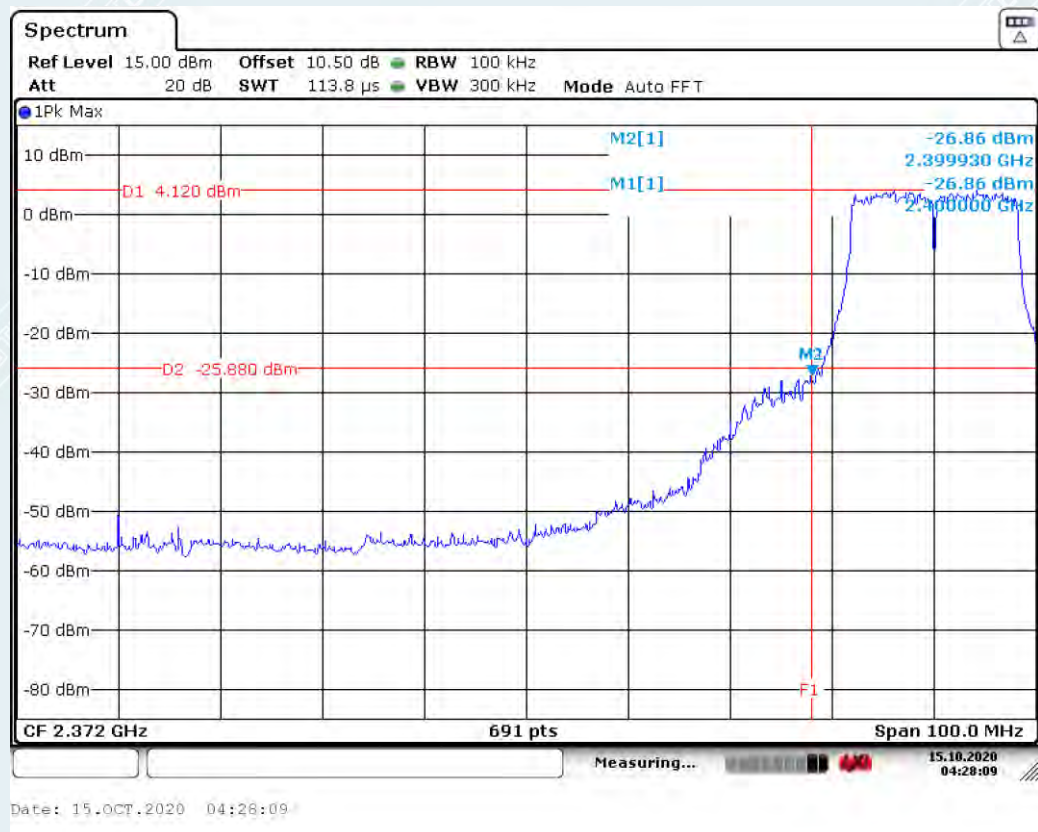
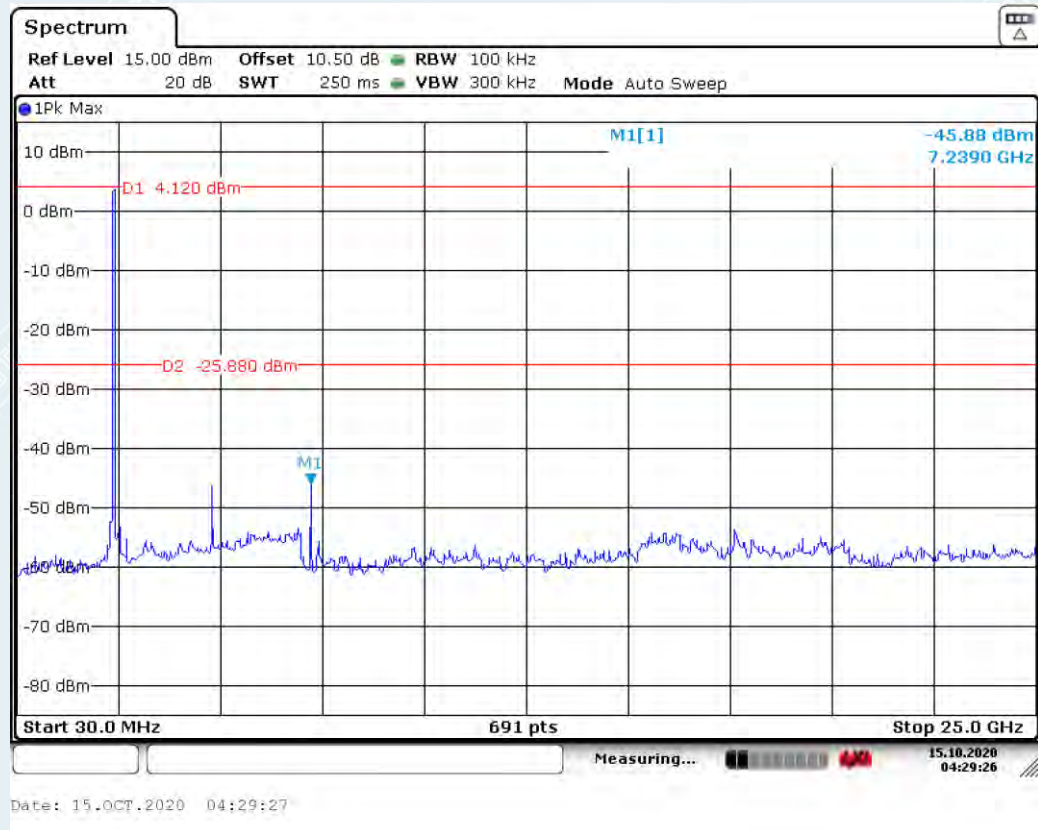
802.11b mode (antenna 2):
Channel 2437MHz
0.03GHz-25GHz



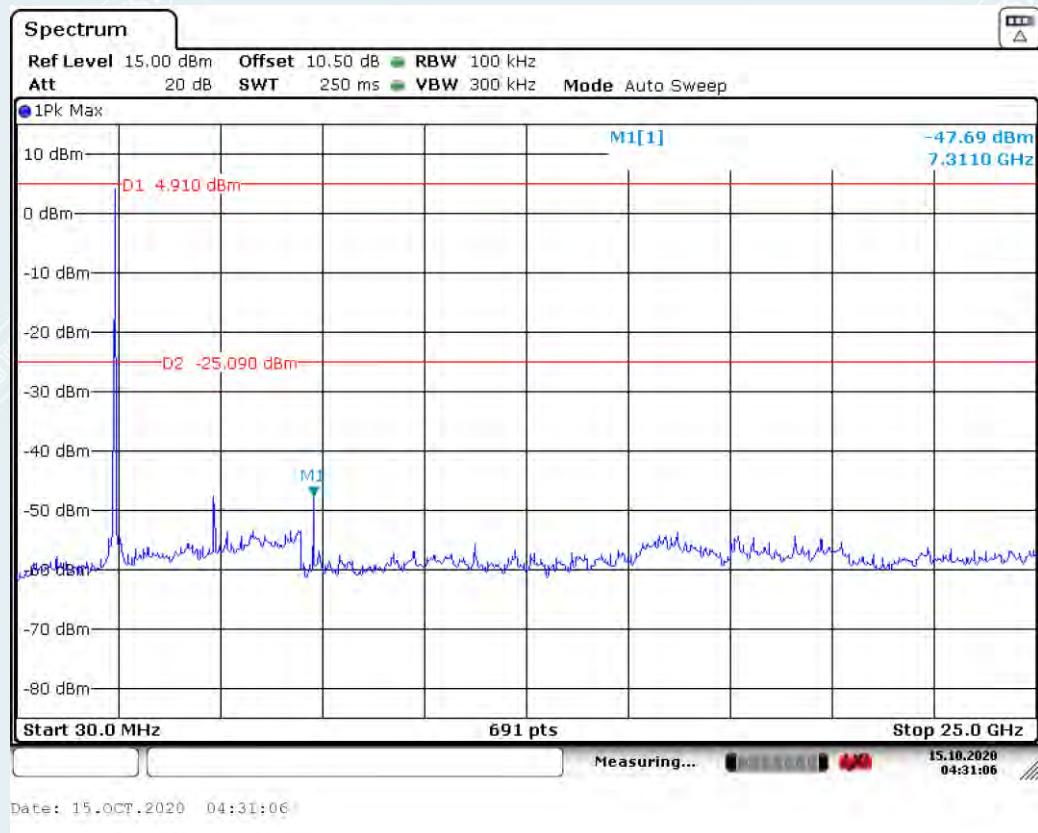
802.11b mode (antenna 2):
Channel 2462MHz
0.03GHz-25GHz



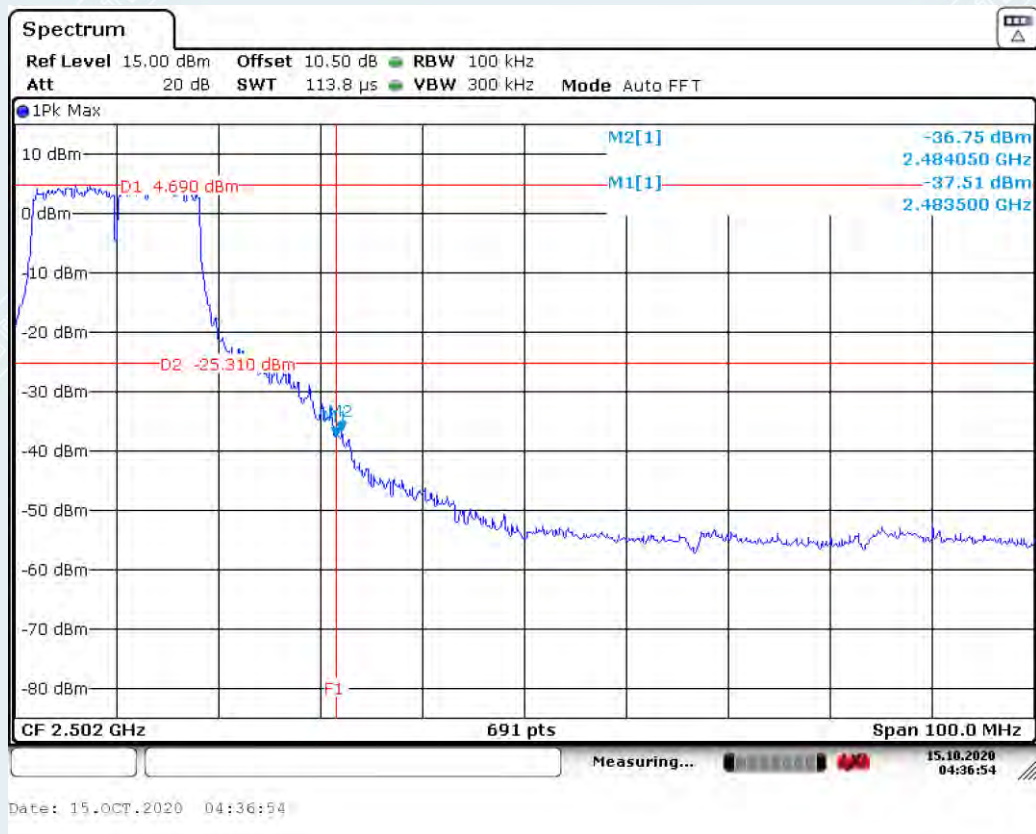
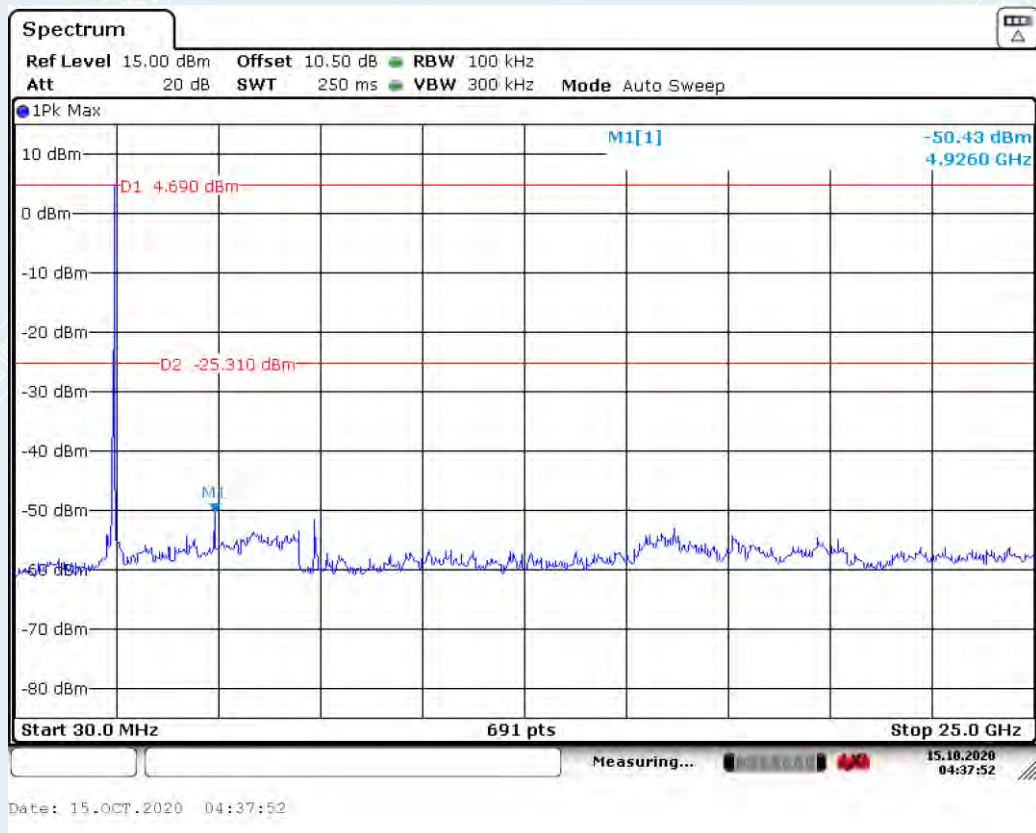
802.11g mode (antenna 1):
Channel 2412MHz
0.03GHz-25GHz



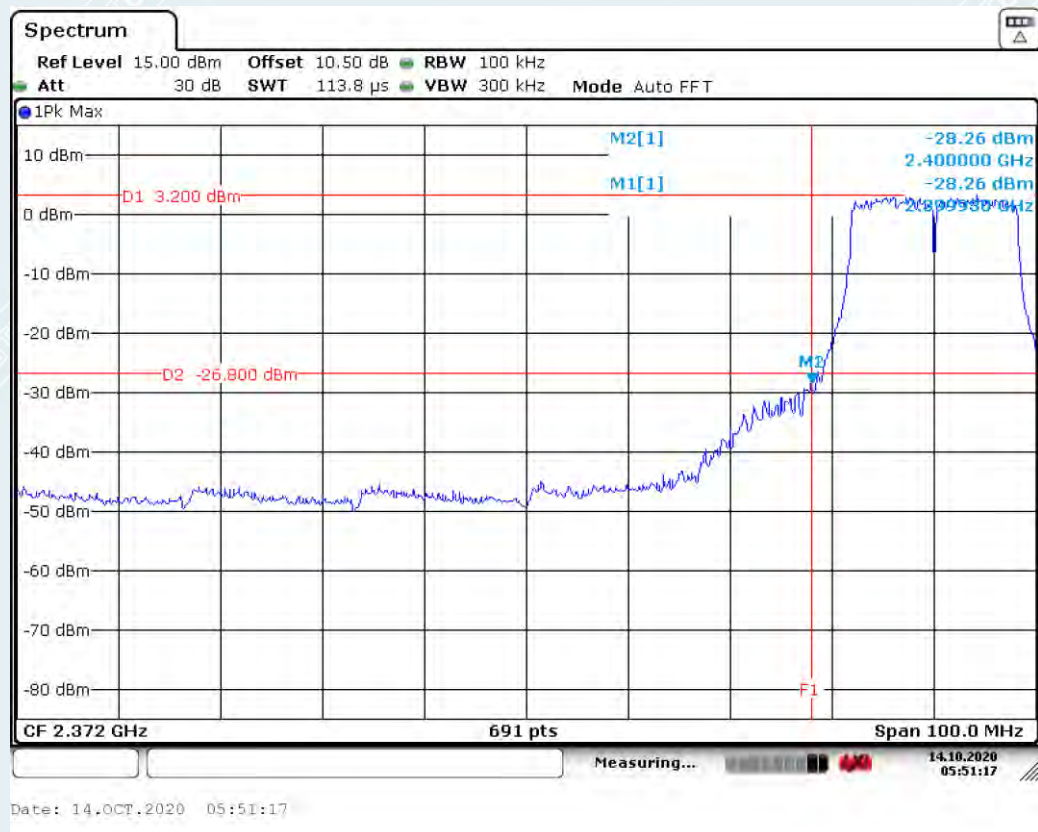
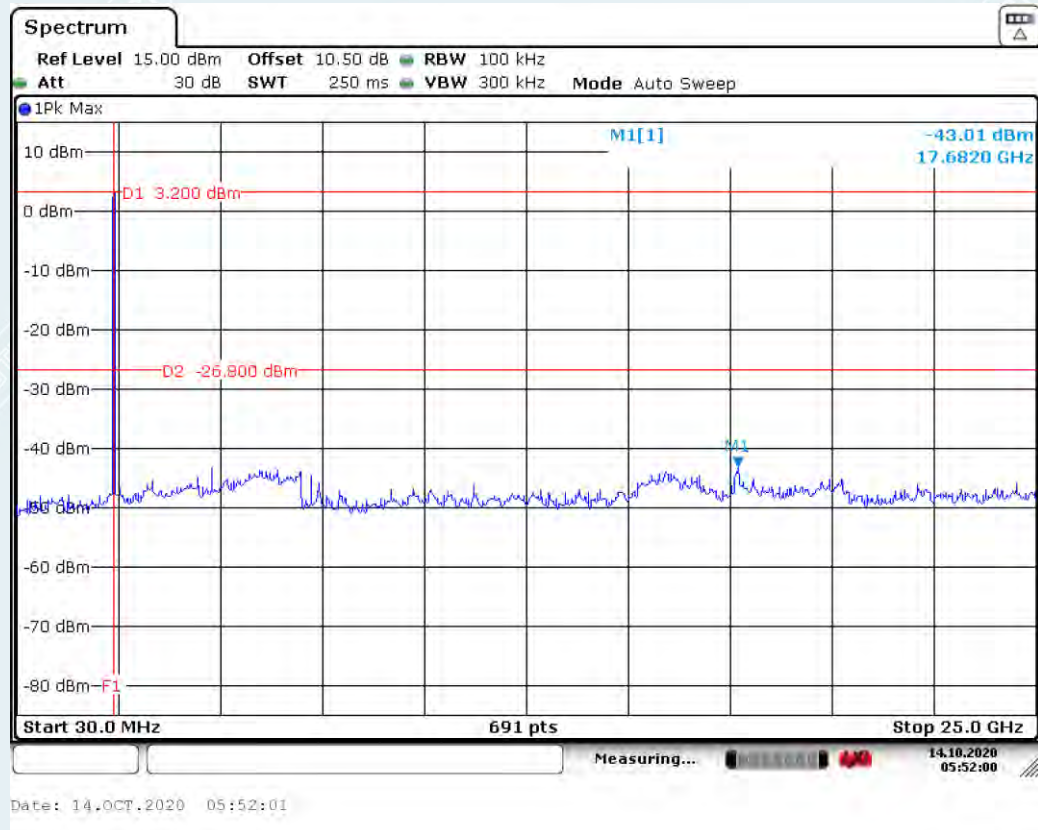
802.11g mode (antenna 1):
Channel 2437MHz
0.03GHz-25GHz



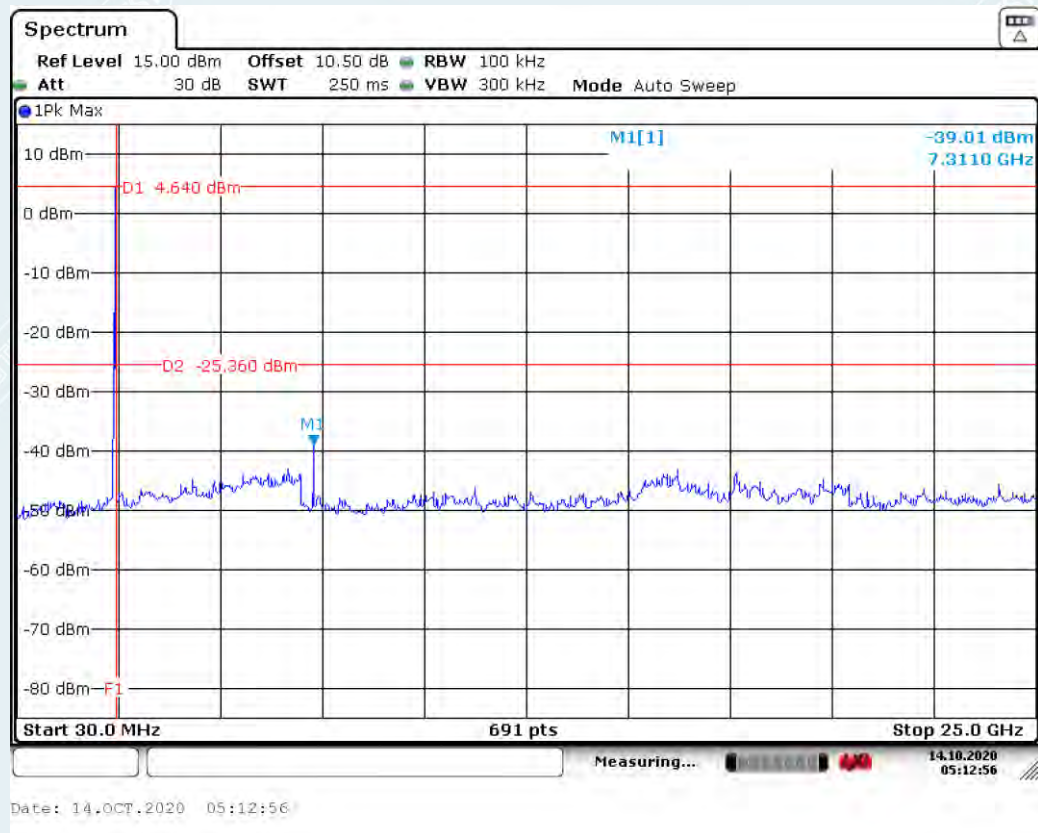
802.11g mode (antenna 1):
Channel 2462MHz
0.03GHz-25GHz



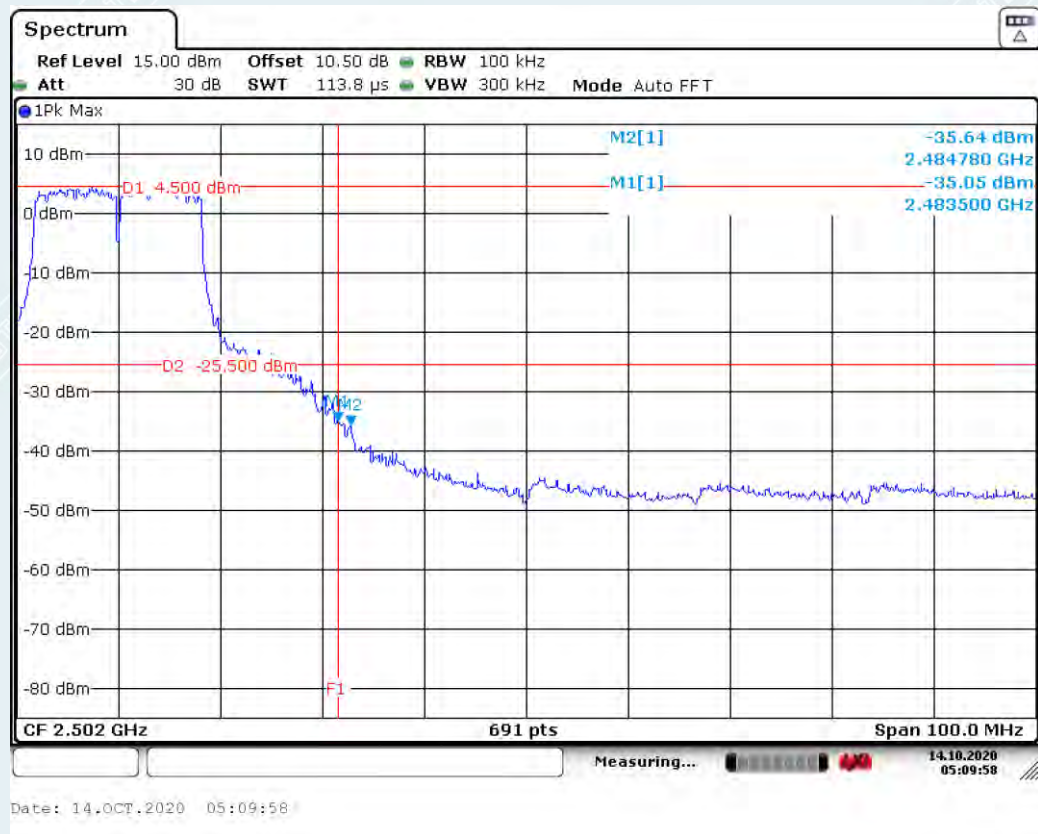
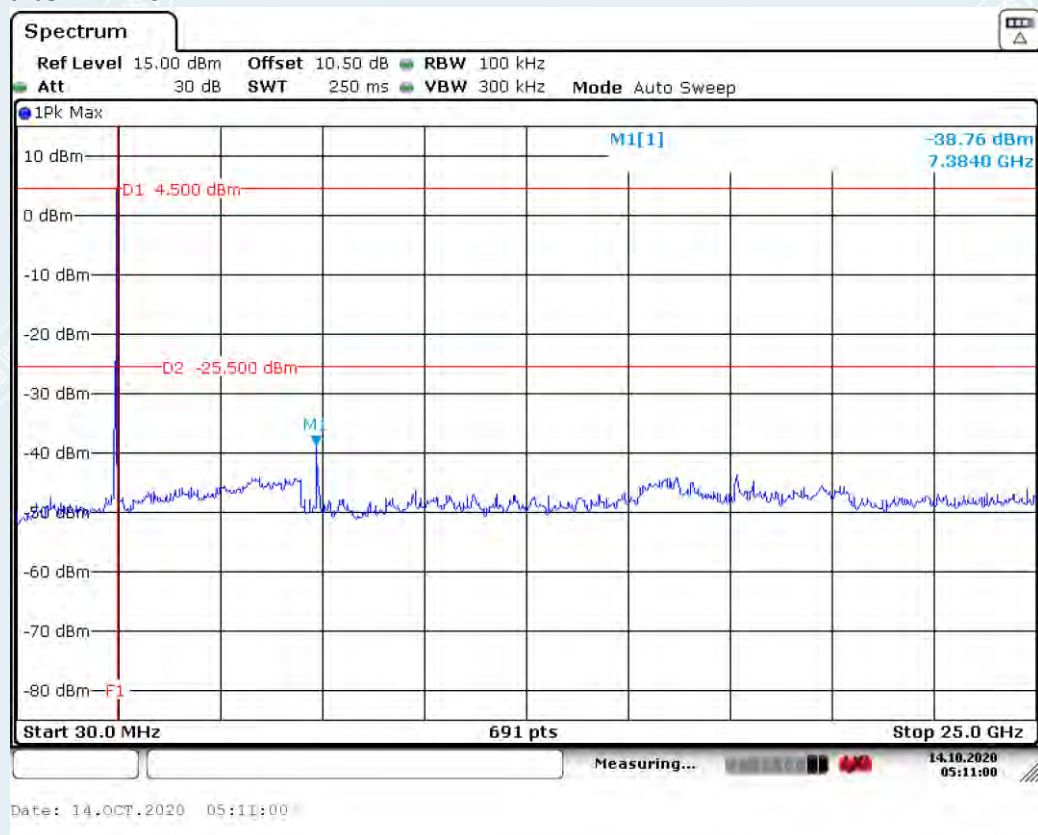
802.11g mode (antenna 2):
Channel 2412MHz
0.03GHz-25GHz



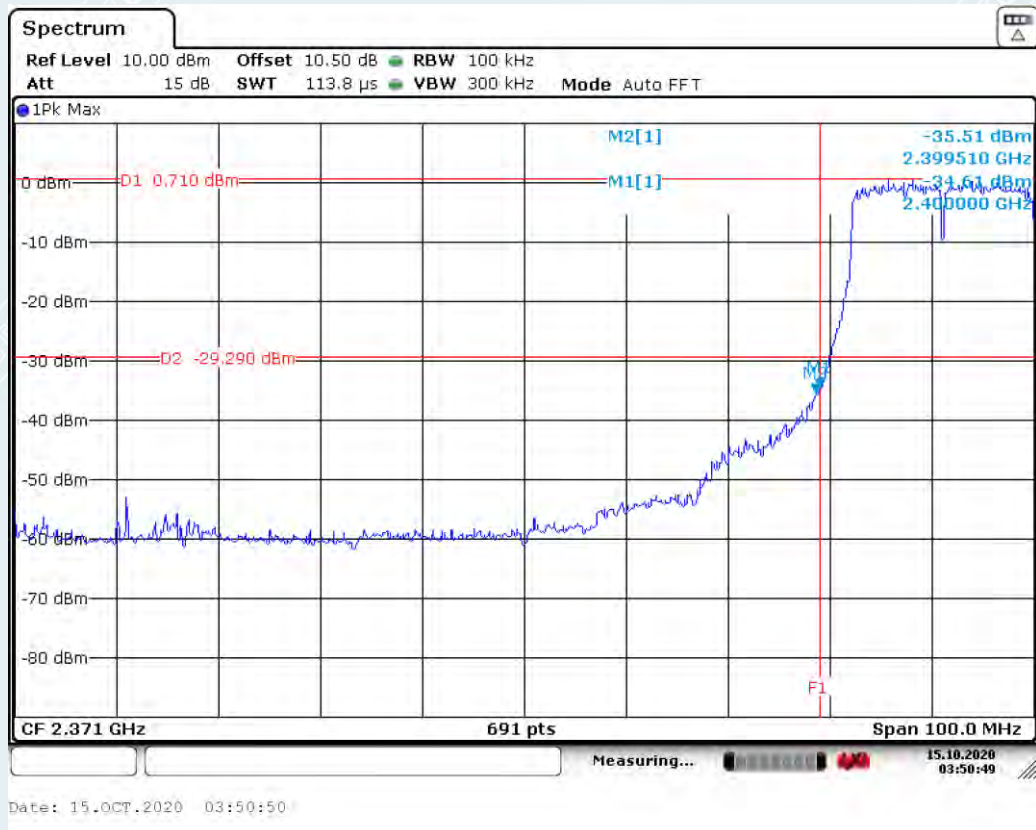
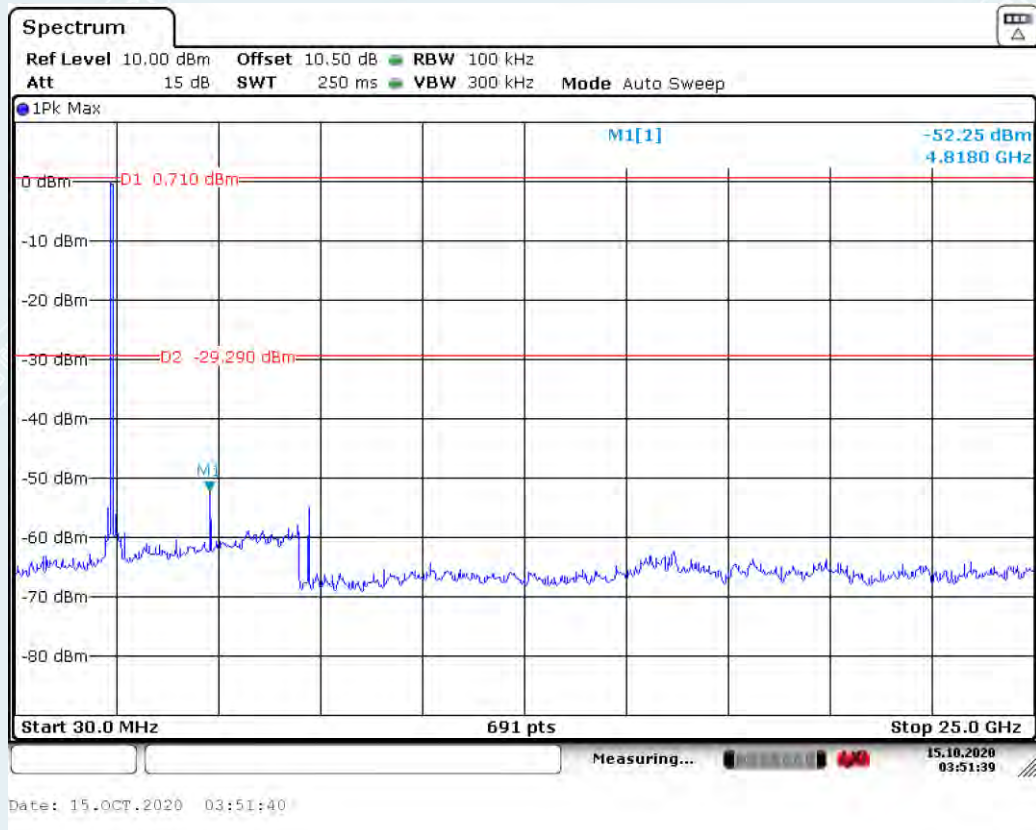
802.11g mode (antenna 2):
Channel 2437MHz
0.03GHz-25GHz



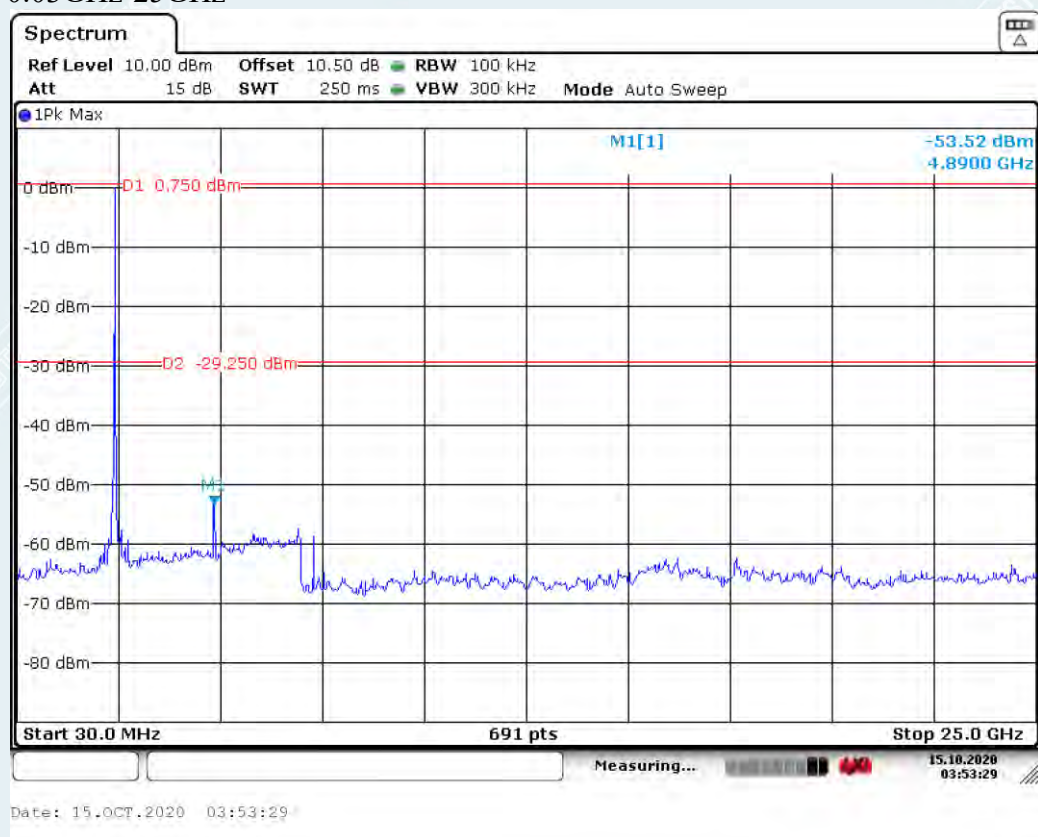
802.11g mode (antenna 2):
Channel 2462MHz
0.03GHz-25GHz



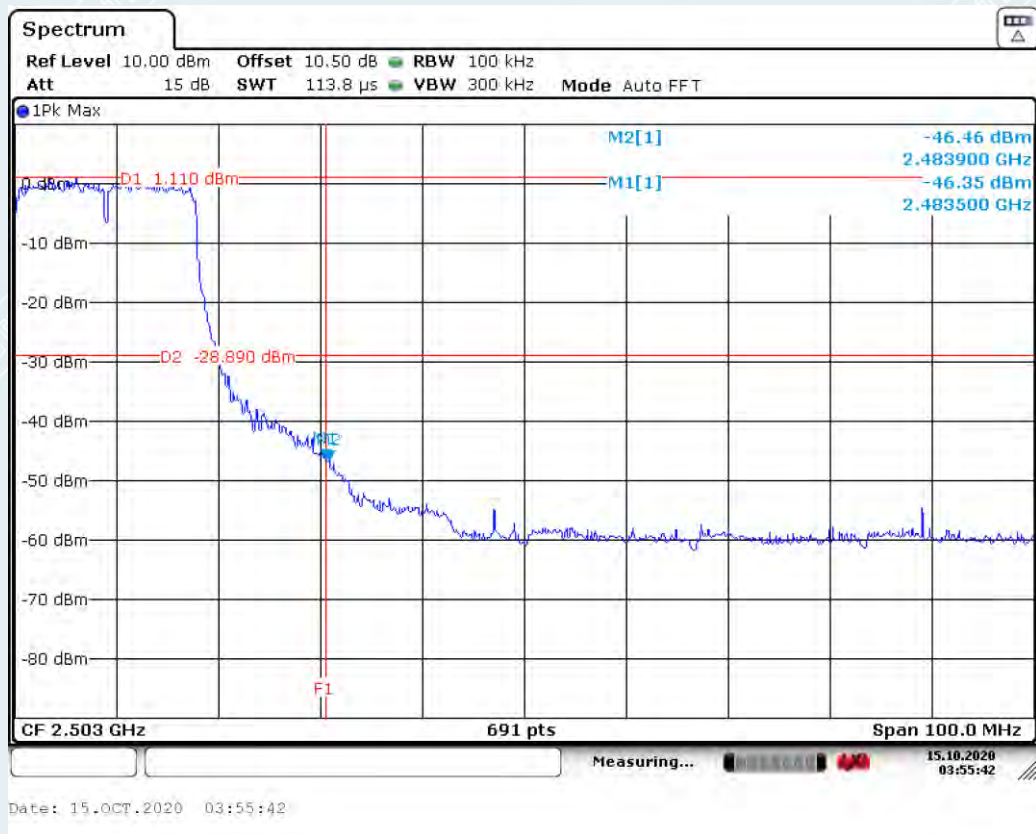
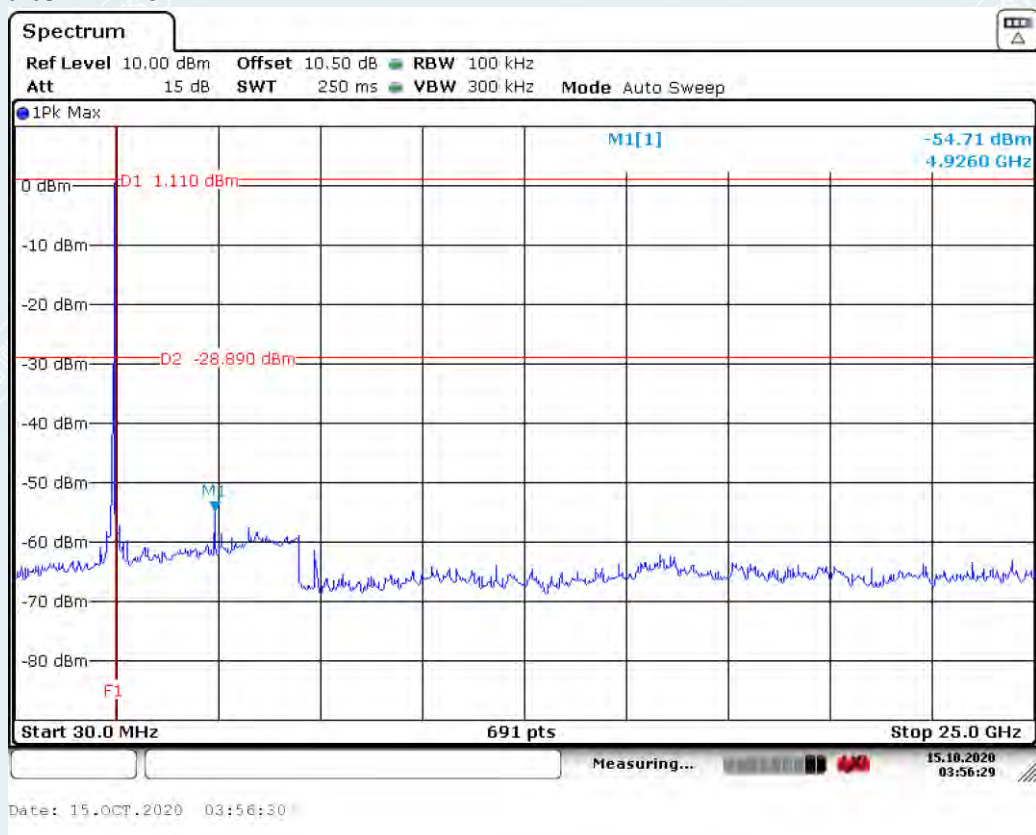
802.11n HT20 mode (antenna 1):
Channel 2412MHz
0.03GHz-25GHz



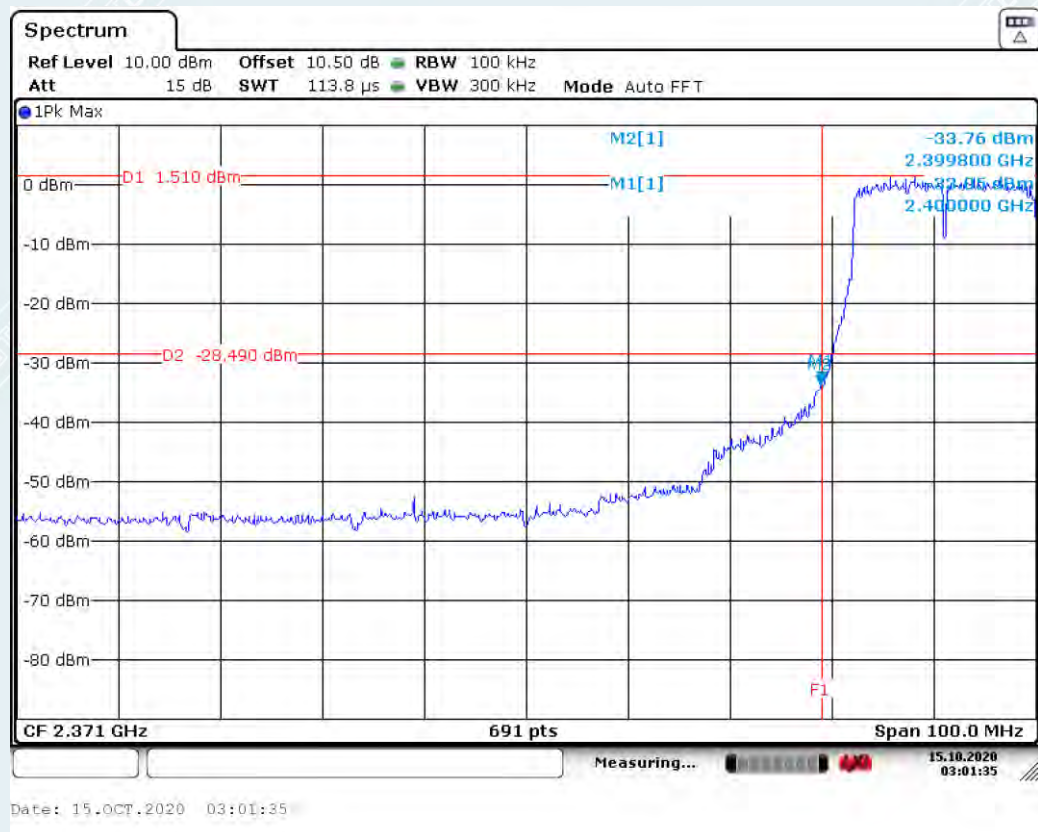
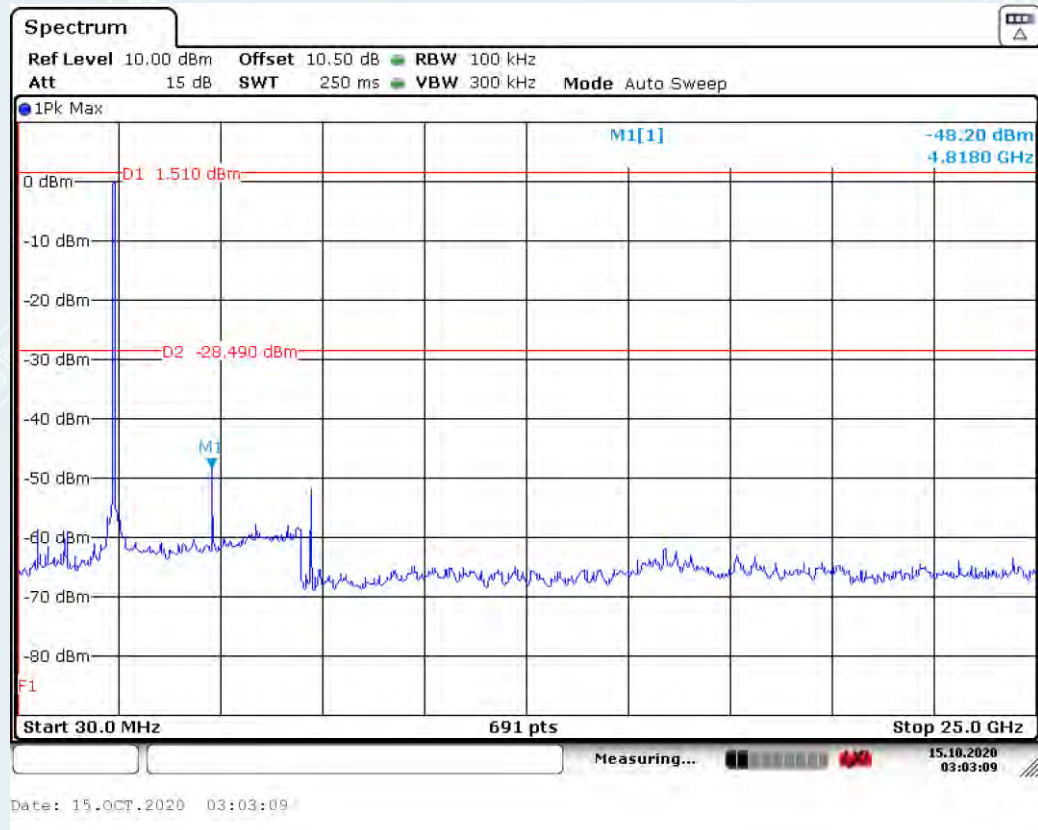
802.11n HT20 mode (antenna 1):
Channel 2437MHz
0.03GHz-25GHz



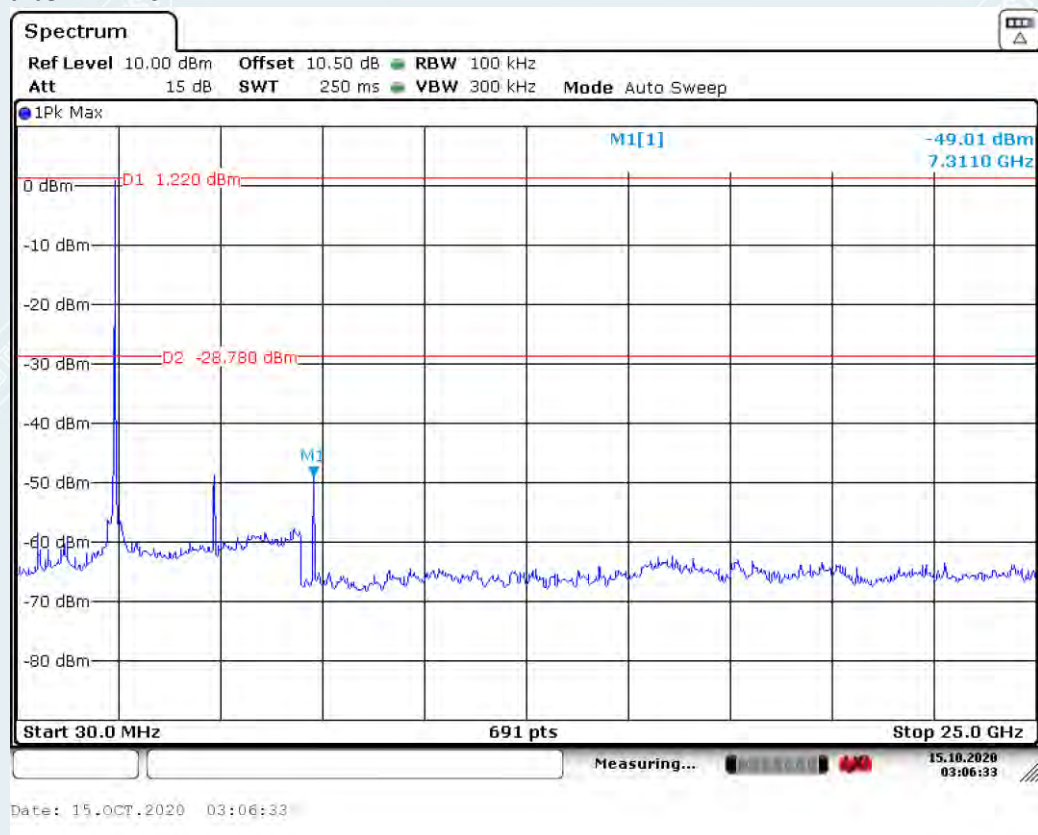
802.11n HT20 mode (antenna 1):
Channel 2462MHz
0.03GHz-25GHz



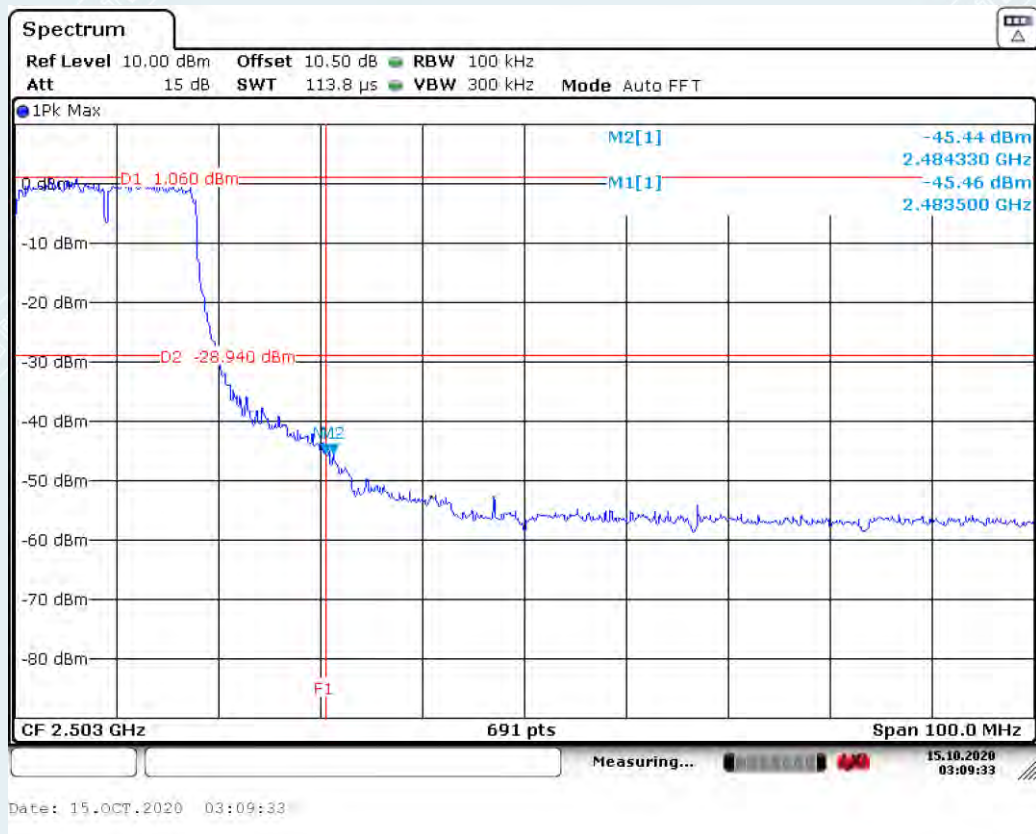
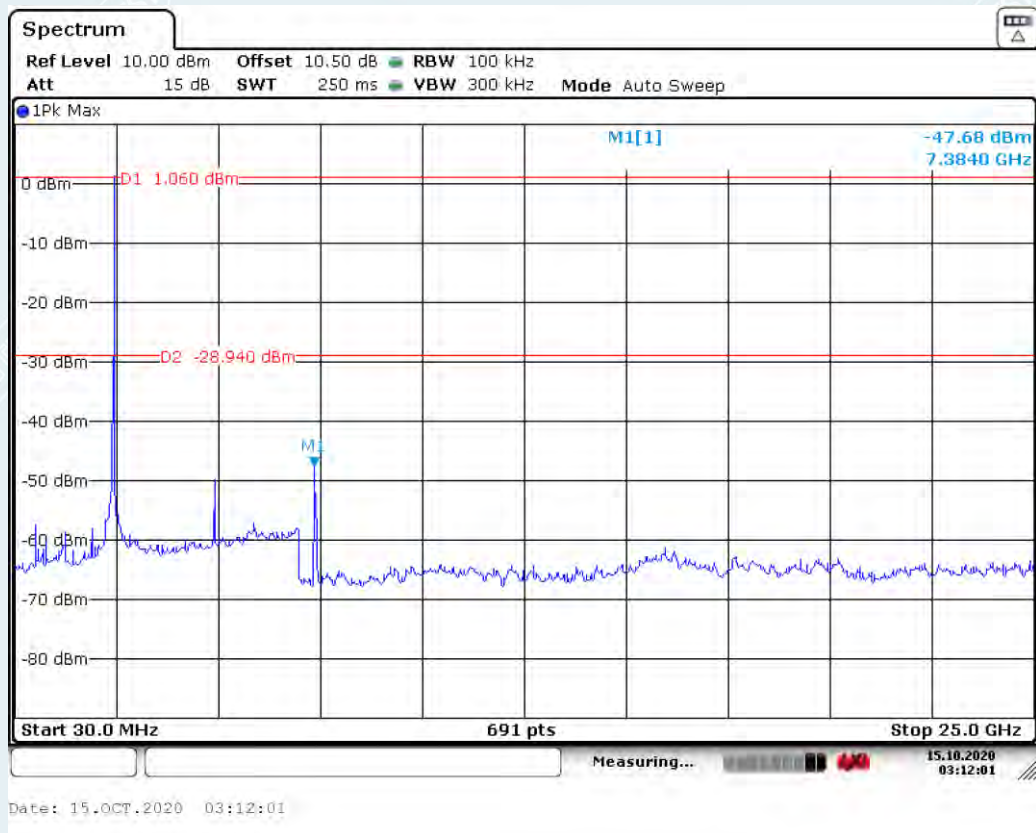
802.11n HT20 mode (antenna 2):
Channel 2412MHz
0.03GHz-25GHz



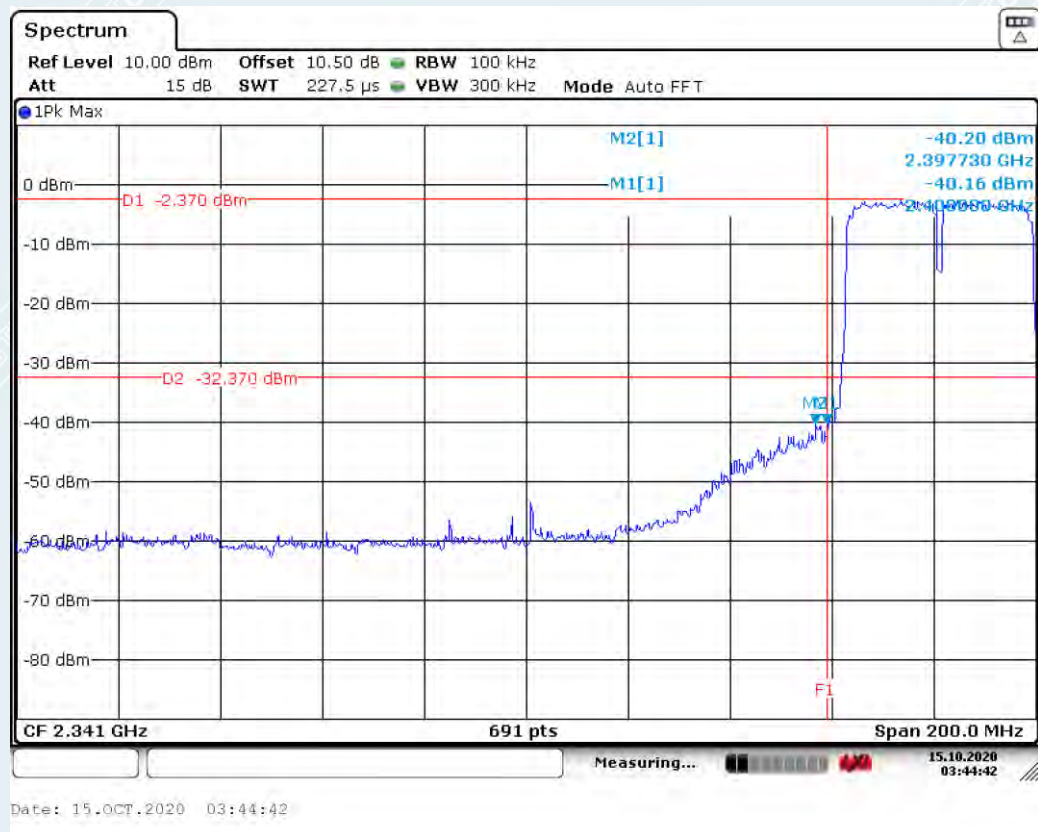
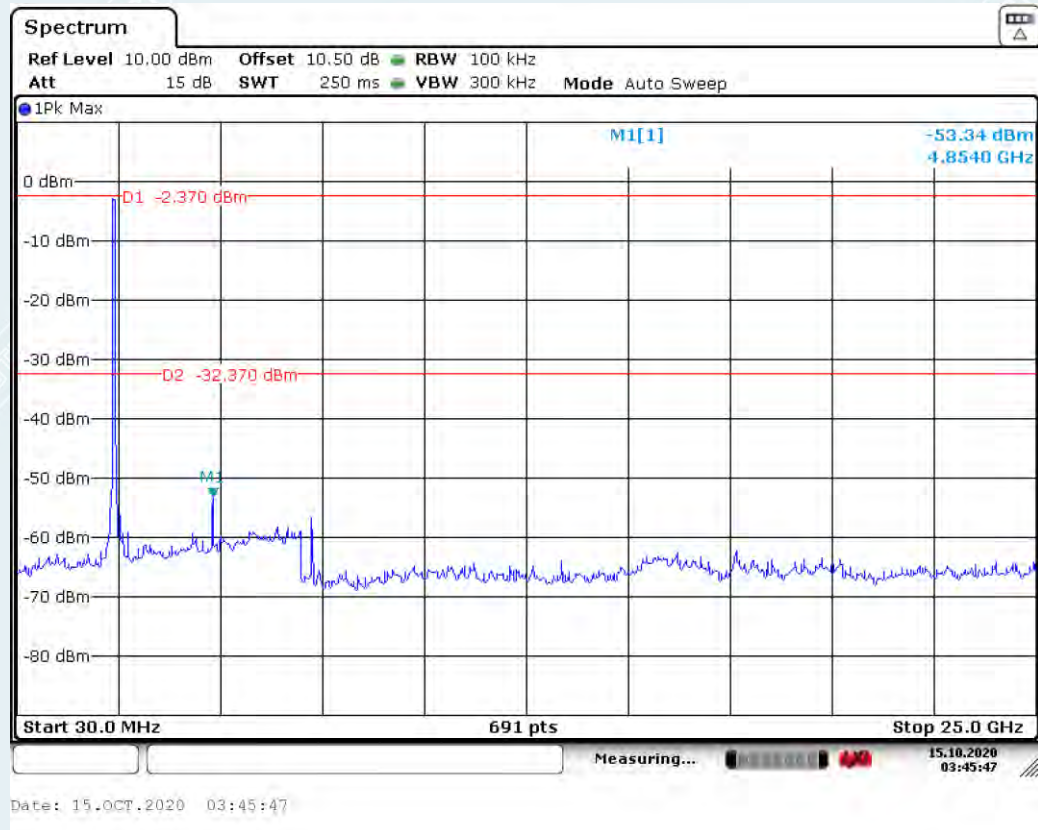
802.11n HT20 mode (antenna 2):
Channel 2437MHz
0.03GHz-25GHz



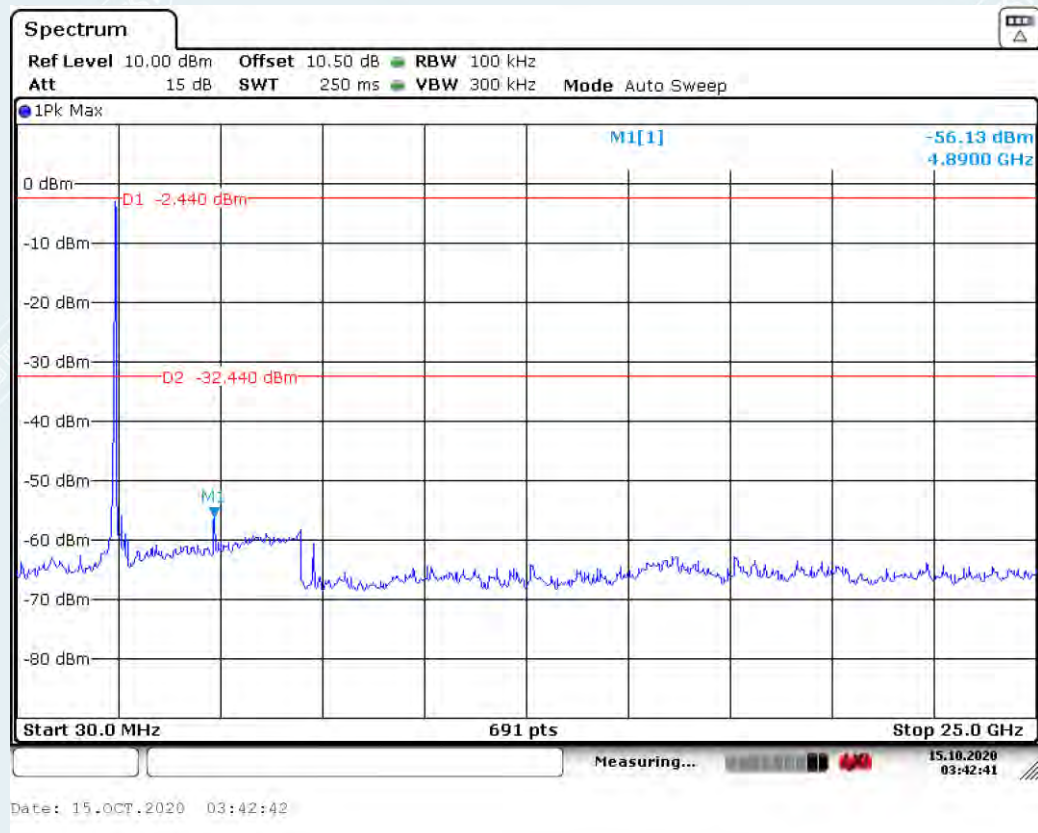
802.11n HT20 mode (antenna 2):
Channel 2462MHz
0.03GHz-25GHz



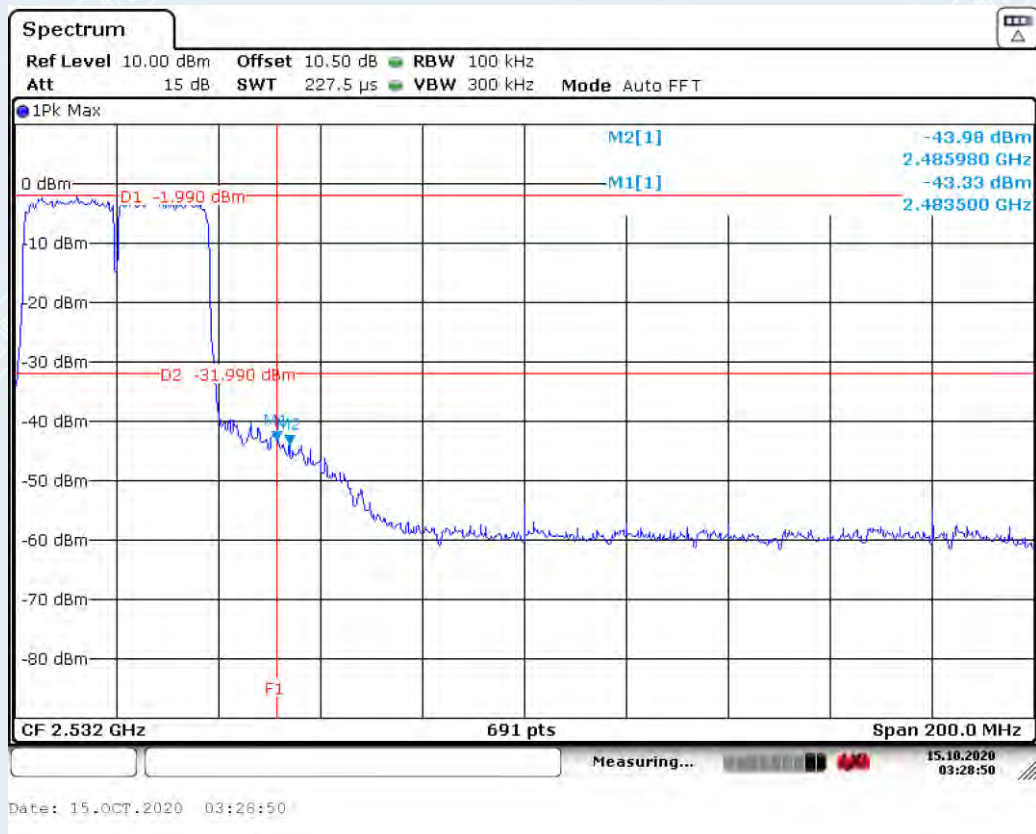
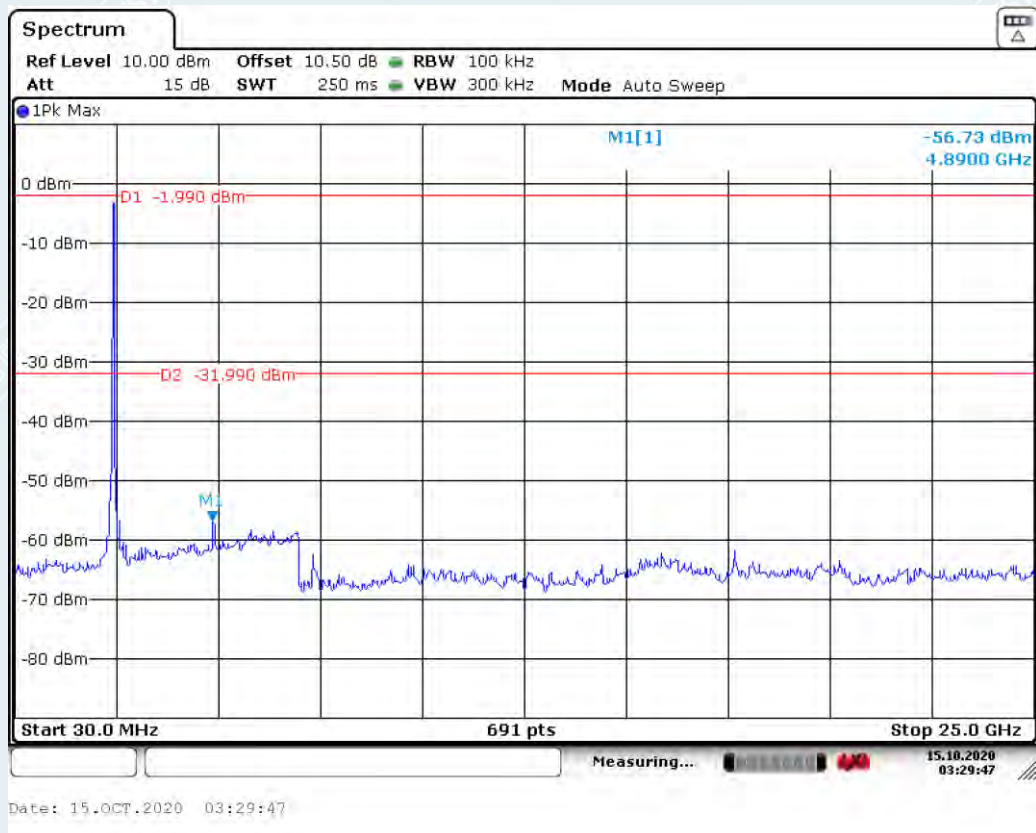
802.11n HT40 mode (antenna 1):
Channel 2422MHz
0.03GHz-25GHz



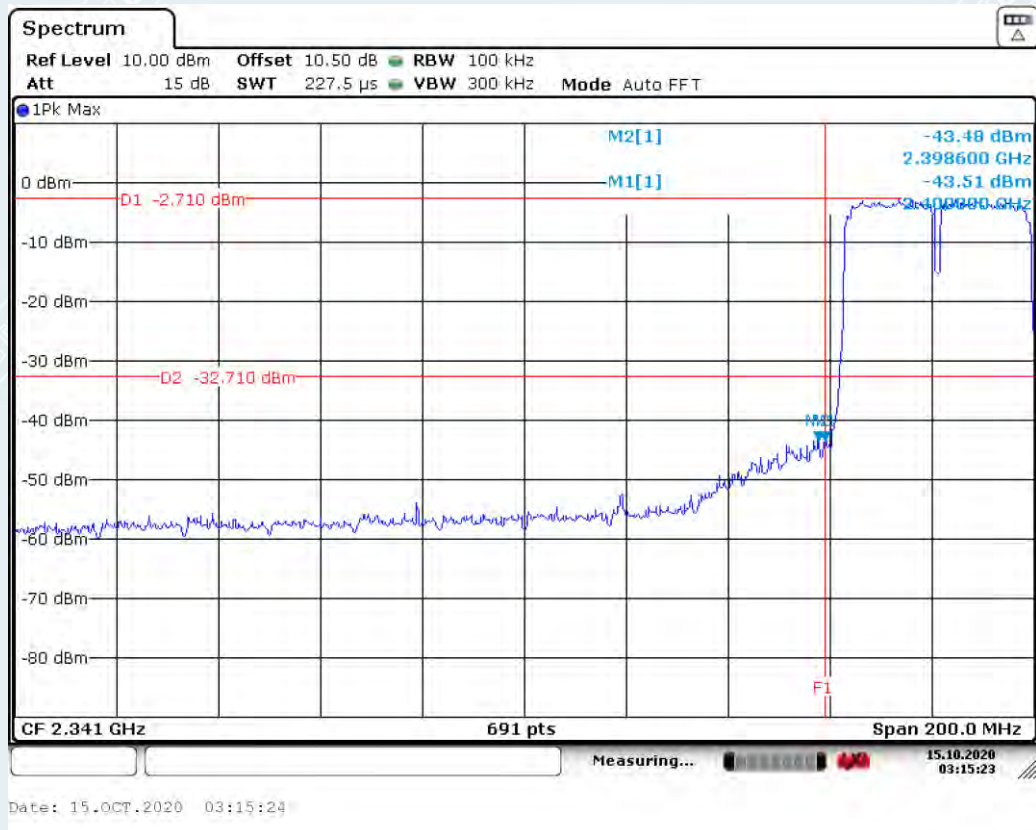
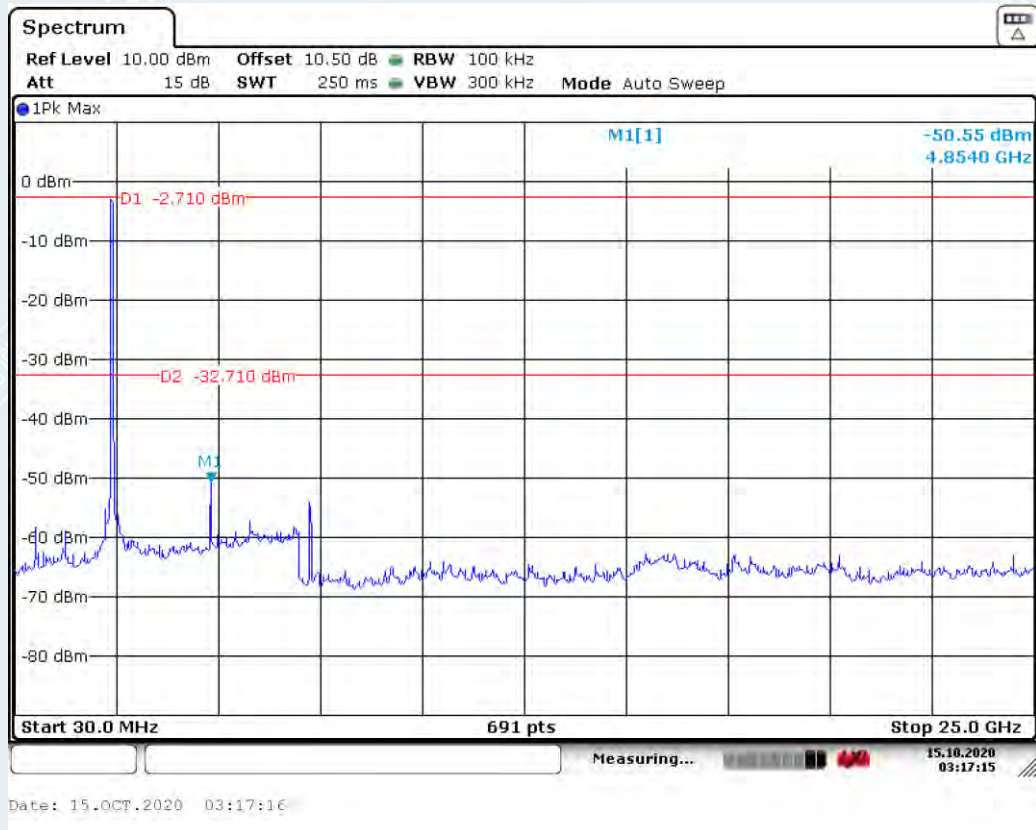
802.11n HT40 mode (antenna 1):
Channel 2437MHz
0.03GHz-25GHz



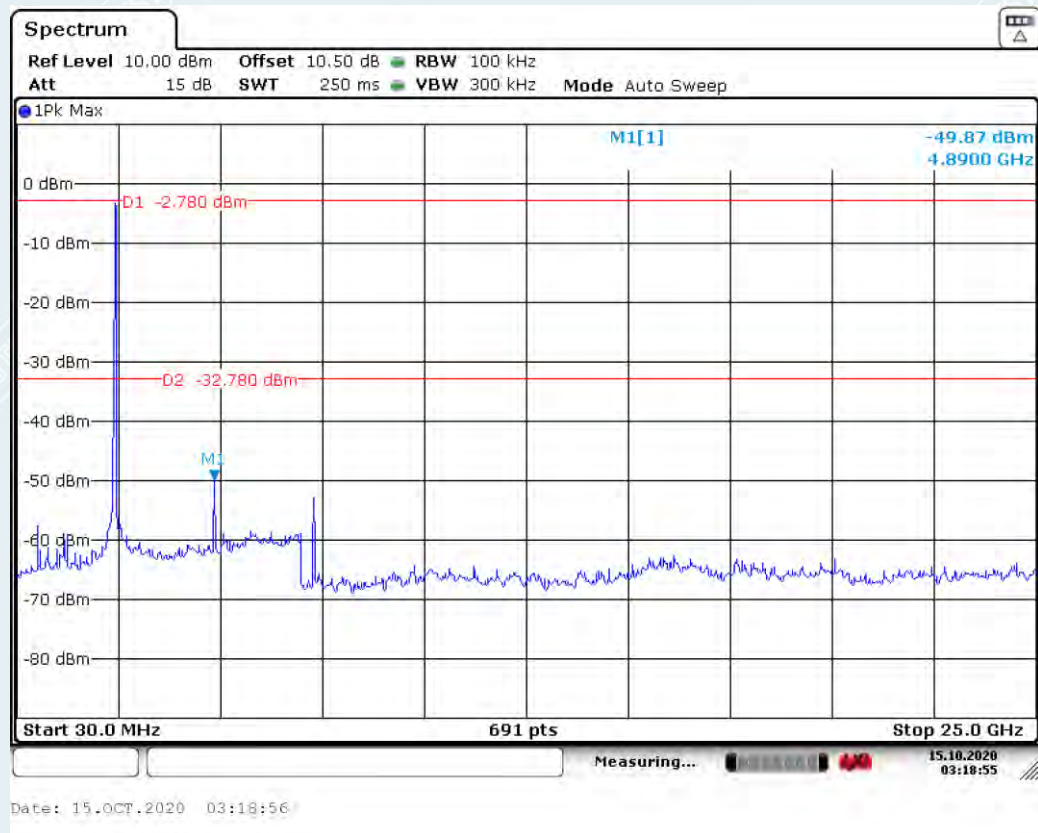
802.11n HT40 mode (antenna 1):
Channel 2452MHz
0.03GHz-25GHz



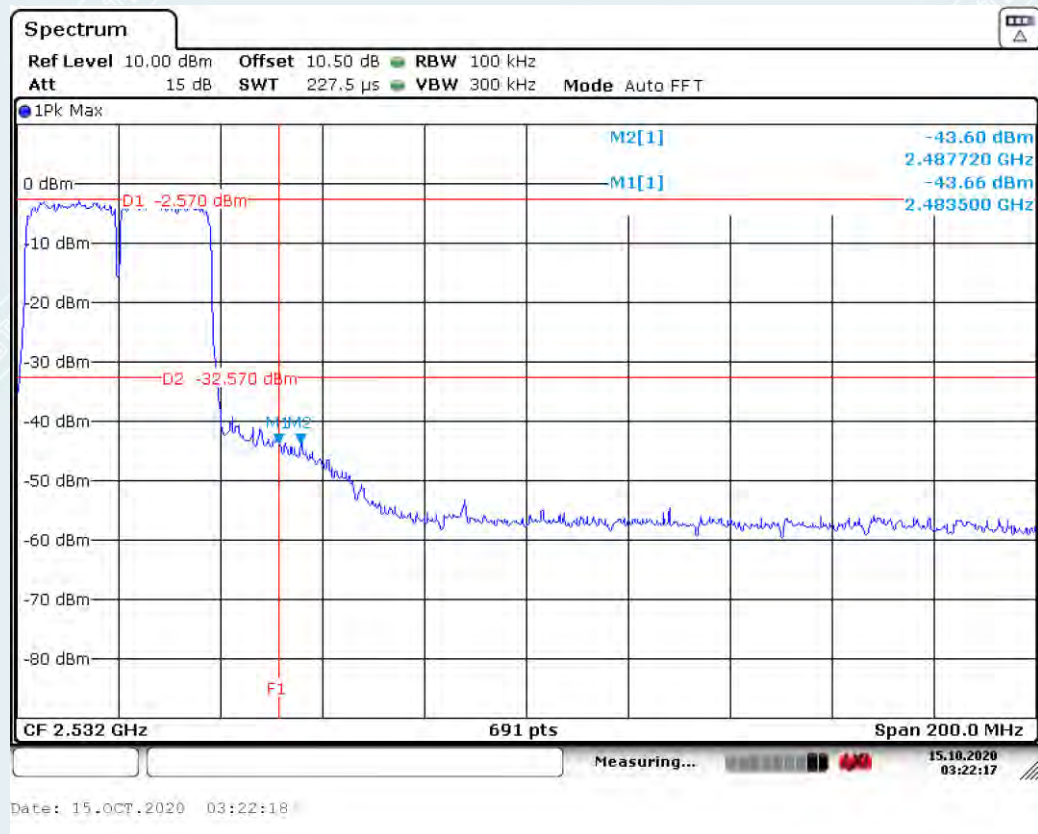
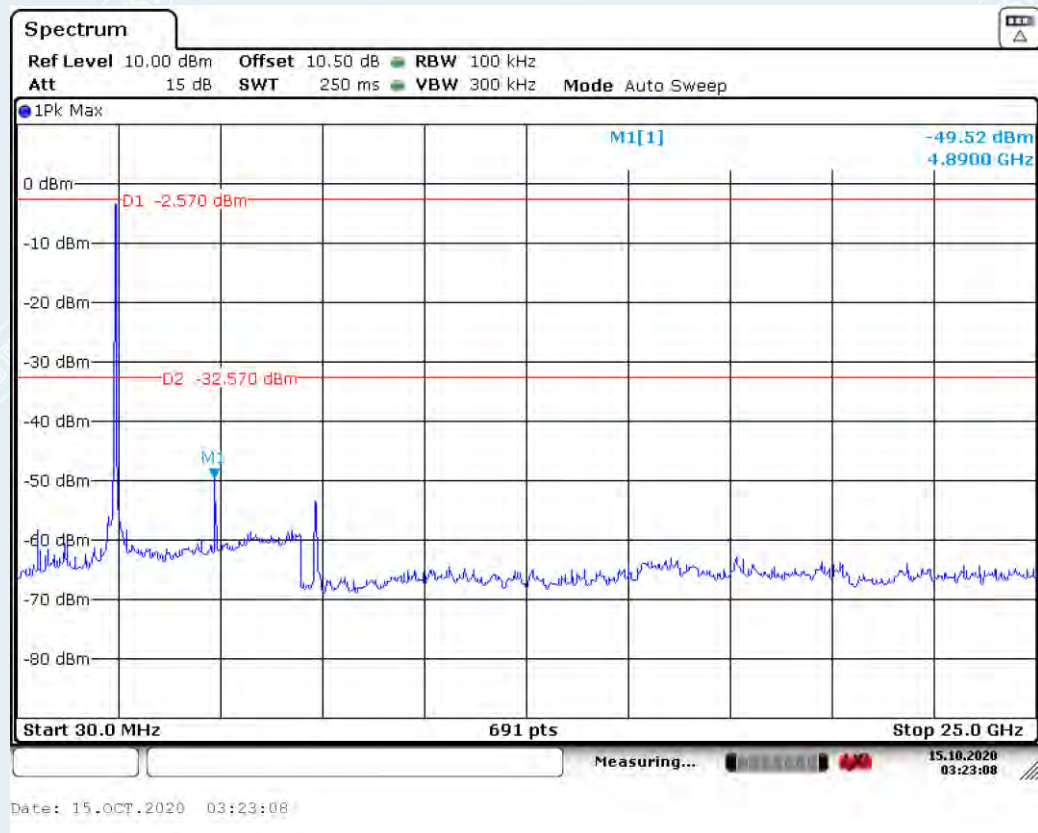
802.11n HT40 mode (antenna 2):
Channel 2422MHz
0.03GHz-25GHz



802.11n HT40 mode (antenna 2):
Channel 2437MHz
0.03GHz-25GHz



802.11n HT40 mode (antenna 2):
Channel 2452MHz
0.03GHz-25GHz



11. RESTRICTED BANDS OF OPERATION

11.1. LIMITS

Section 15.247(d) In addition, Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

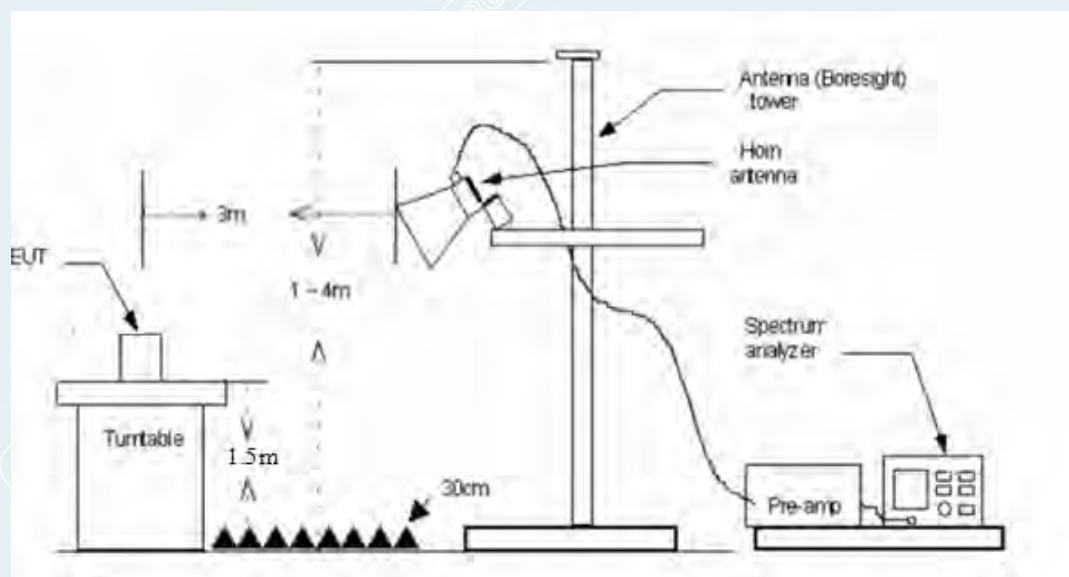
MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
0.495 - 0.505	16.69475 -	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.69525	960 - 1240	7.25 - 7.75
4.125 - 4.128	16.80425 -	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	16.80475	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	25.5 - 25.67	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	37.5 - 38.25	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	73 - 74.6	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	74.8 - 75.2	2200 - 2300	14.47 - 14.5
8.291 - 8.294	108 - 121.94	2310 - 2390	15.35 - 16.2
8.362 - 8.366	123 - 138	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	149.9 - 150.05	2655 - 2900	22.01 - 23.12
8.41425 - 8.41475	156.52475 -	3260 - 3267	23.6 - 24.0
12.29 - 12.293	156.52525	3332 - 3339	31.2 - 31.8
12.51975 -	156.7 - 156.9	3345.8 - 3358	36.43 - 36.5
12.52025	162.0125 - 167.17	3600 - 4400	
12.57675 -	167.72 - 173.2		
12.57725	240 - 285		
13.36 - 13.41	322 - 335.4		

11.2. TEST PROCEDURES

Test procedures follow KDB 558074 D01 DTS Meas Guidance v03r01.

- 1) The EUT is placed on a turntable, which is 1.5m above the ground plane.
- 2) The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
- 3) EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
- 4) Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - a) PEAK: RBW=1MHz / VBW=1MHz / Sweep=AUTO
 - b) AVERAGE: RBW=1MHz / VBW=1/T / Sweep=AUTO
- 5) Repeat the procedures until all the PEAK and AVERAGE versus POLARIZATION are measured.

11.3. TEST SETUP



11.4. TEST RESULTS

Recorded the worst case results in this report (antenna 1 for IEEE 802.11b/g)

Non beamforming

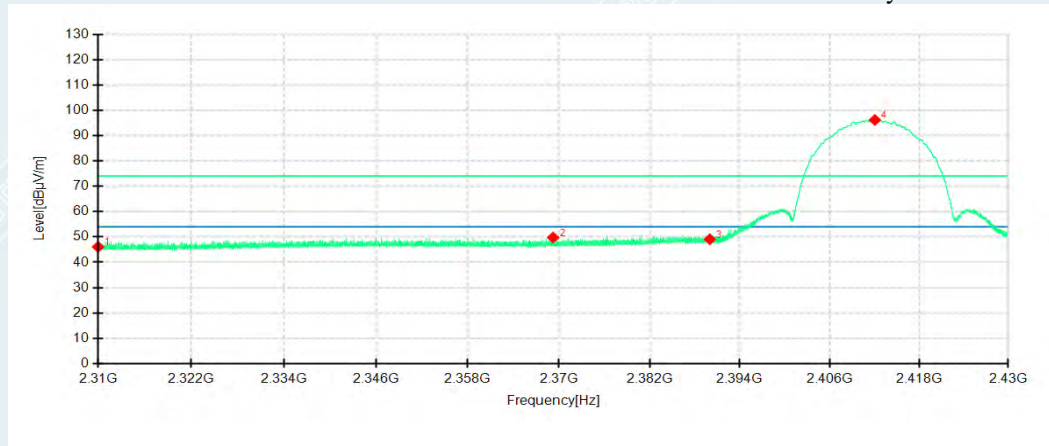
802.11b mode (antenna 1)

Lowest Channel

Channel 2412MHz

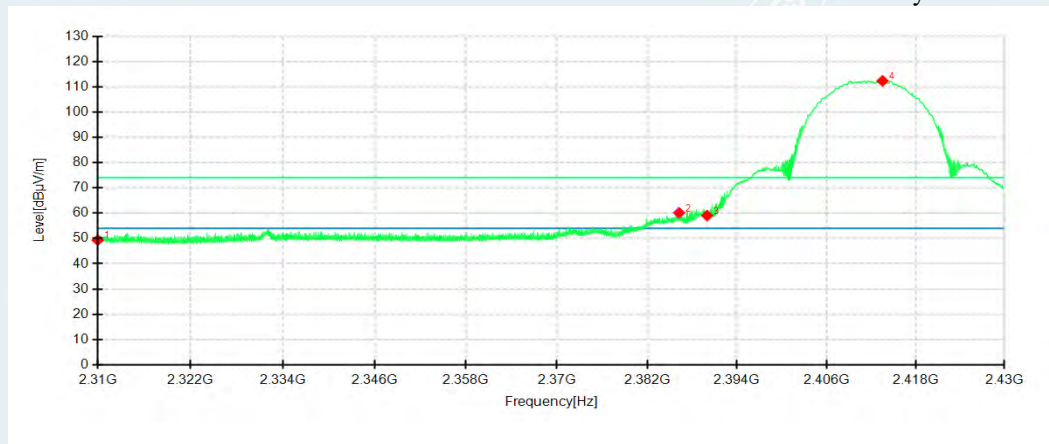
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



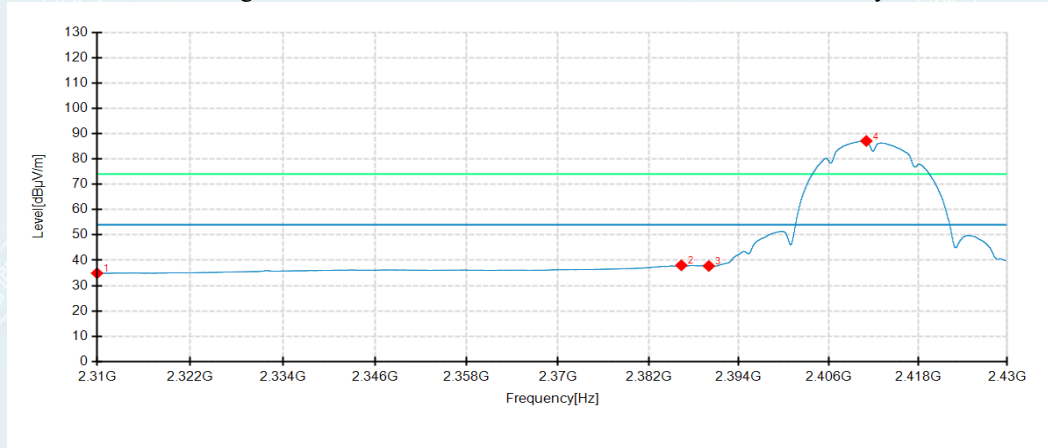
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	40.95	46.08	5.13	74.00	27.92	100	305	Horizontal	/
2	2369.2500	43.38	49.78	6.40	74.00	24.22	200	286	Horizontal	/
3	2390.0000	42.22	49.07	6.85	74.00	24.93	200	18	Horizontal	/
4	2412.0525	89.33	96.17	6.84	74.00	-22.17	200	197	Horizontal	No limit
1	2310.0000	44.20	49.33	5.13	74.00	24.67	100	34	Vertical	/
2	2386.2450	53.34	60.10	6.76	74.00	13.90	200	83	Vertical	/
3	2390.0000	52.17	59.02	6.85	74.00	14.98	200	190	Vertical	/
4	2413.5375	105.50	112.32	6.82	74.00	-38.32	200	97	Vertical	No limit

802.11b mode (antenna 1)**Lowest Channel**

Channel 2412MHz

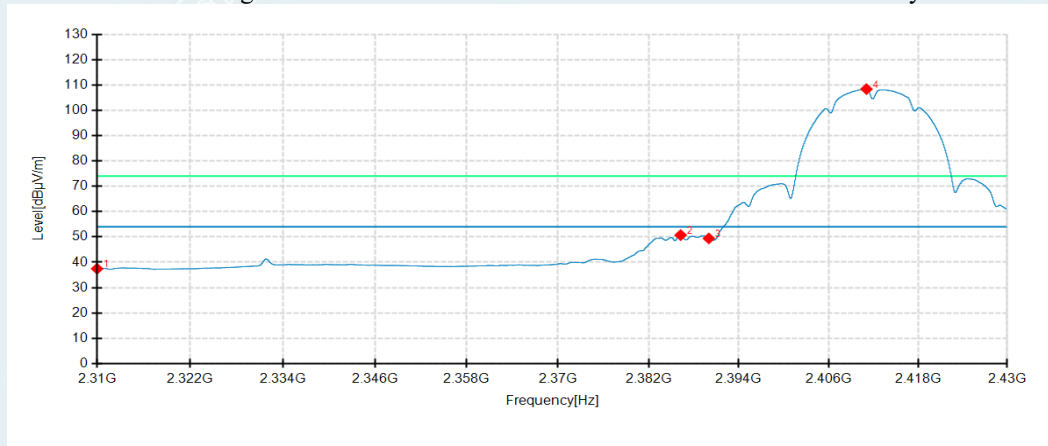
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



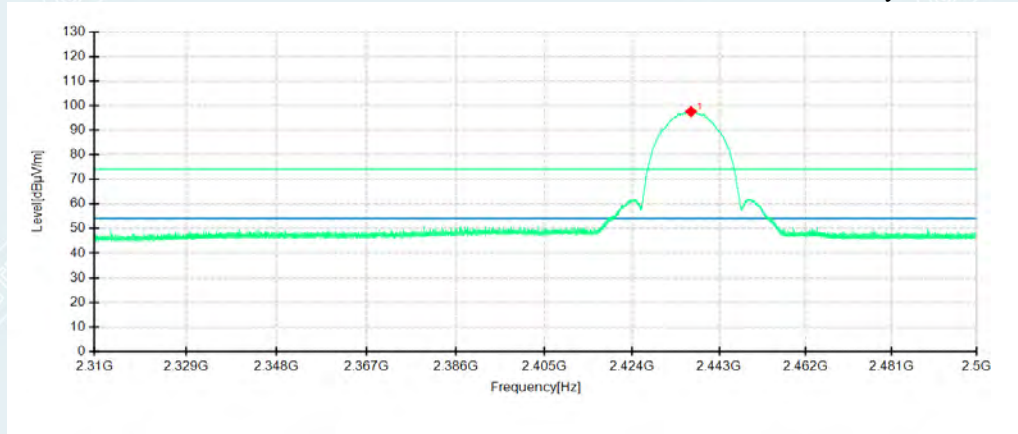
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	29.75	34.88	5.13	54.00	19.12	200	180	Horizontal	/
2	2386.3500	31.23	38.00	6.77	54.00	16.00	100	0	Horizontal	/
3	2390.0000	30.89	37.74	6.85	54.00	16.26	200	0	Horizontal	/
4	2411.0400	80.23	87.09	6.86	54.00	-33.09	100	360	Horizontal	No limit
1	2310.0000	32.32	37.45	5.13	54.00	16.55	100	180	Vertical	/
2	2386.2525	43.97	50.73	6.76	54.00	3.27	100	0	Vertical	/
3	2390.0000	42.56	49.41	6.85	54.00	4.59	200	90	Vertical	/
4	2411.0625	101.50	108.36	6.86	54.00	-54.36	100	90	Vertical	No limit

802.11b mode (antenna 1)**Middle Channel**

Channel 2437MHz

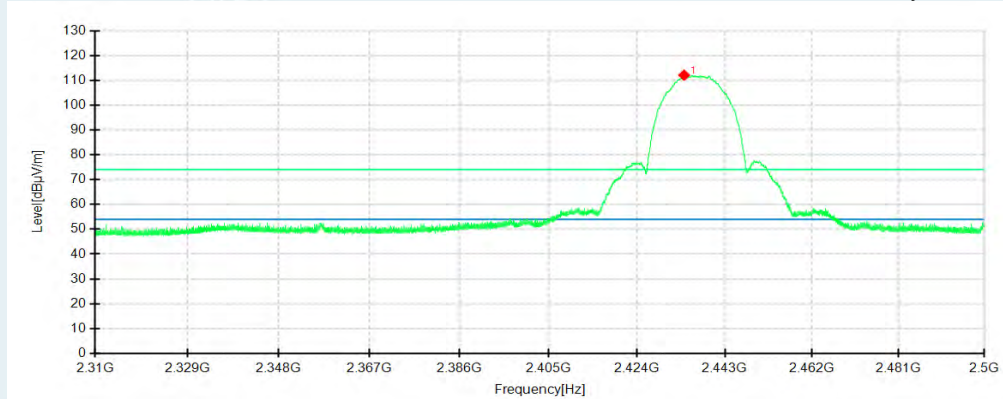
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



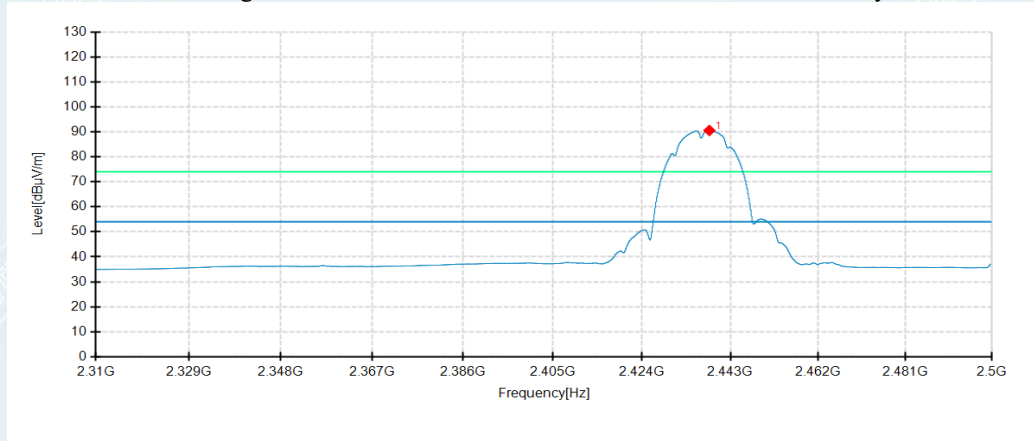
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2436.8488	91.16	97.56	6.40	74.00	-23.56	200	198	Horizontal	No limit
1	2434.1888	105.63	112.07	6.44	74.00	-38.07	100	162	Vertical	No limit

802.11b mode (antenna 1)**Middle Channel**

Channel 2437MHz

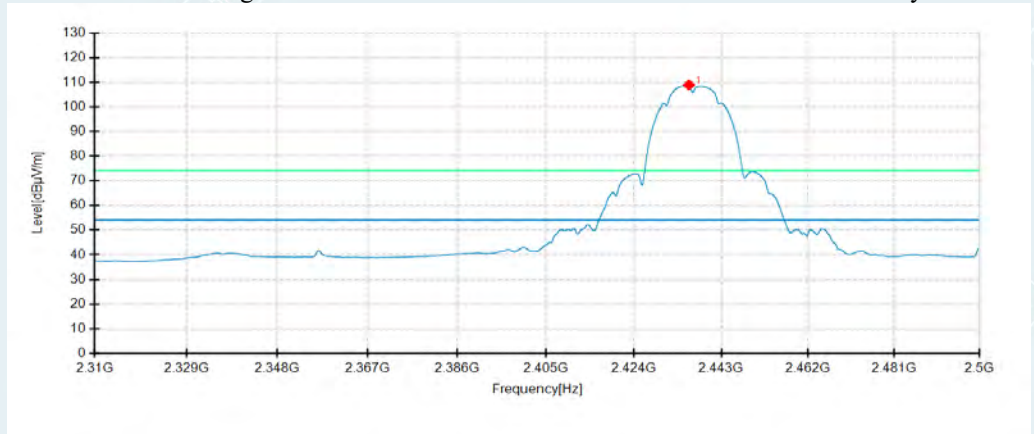
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



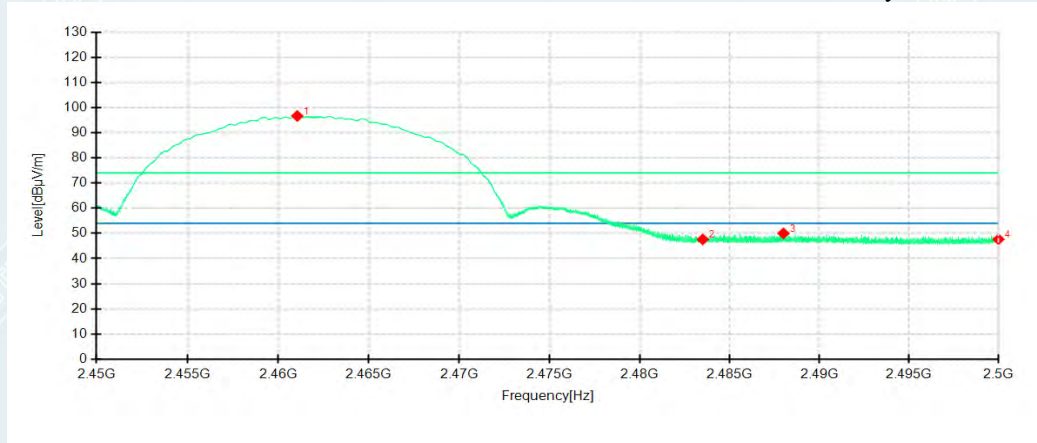
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2438.4875	84.18	90.55	6.37	54.00	-36.55	200	270	Horizontal	No limit
1	2435.9700	102.43	108.84	6.41	54.00	-54.84	200	360	Vertical	No limit

802.11b mode (antenna 1)**Highest Channel**

Channel 2462MHz

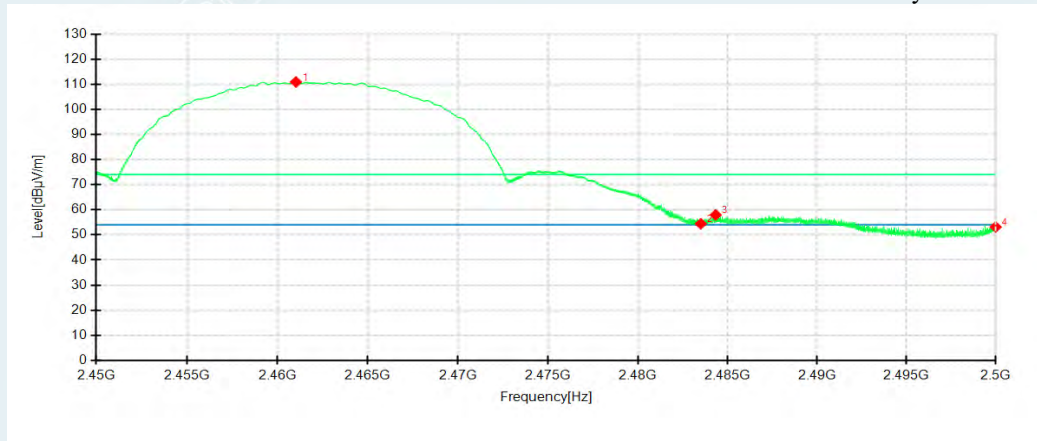
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



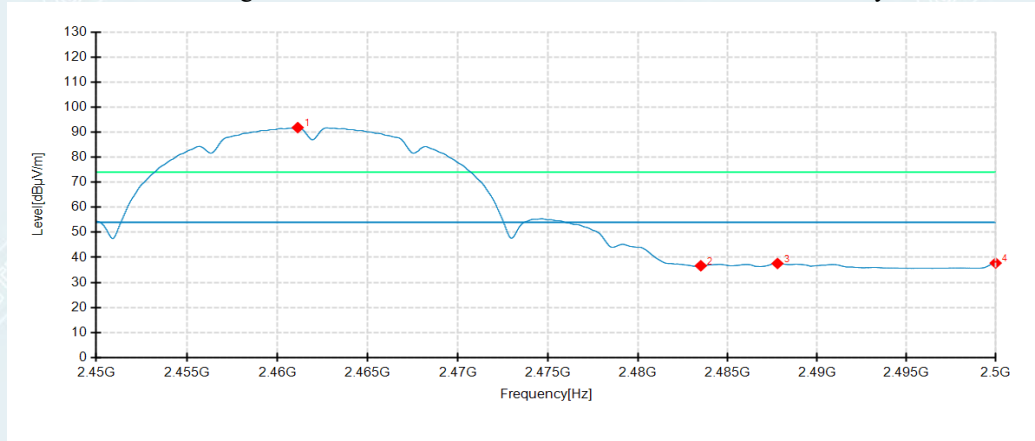
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2461.0500	90.68	96.64	5.96	74.00	-22.64	200	66	Horizontal	No limit
2	2483.5000	42.04	47.60	5.56	74.00	26.40	200	52	Horizontal	/
3	2487.9906	44.55	50.03	5.48	74.00	23.97	200	286	Horizontal	/
4	2500.0000	42.38	47.64	5.26	74.00	26.36	100	316	Horizontal	/
1	2461.0219	104.93	110.89	5.96	74.00	-36.89	200	64	Vertical	No limit
2	2483.5000	48.87	54.43	5.56	74.00	19.57	200	148	Vertical	/
3	2484.3313	52.40	57.94	5.54	74.00	16.06	200	50	Vertical	/
4	2500.0000	47.88	53.14	5.26	74.00	20.86	200	72	Vertical	/

802.11b mode (antenna 1)**Highest Channel**

Channel 2462MHz

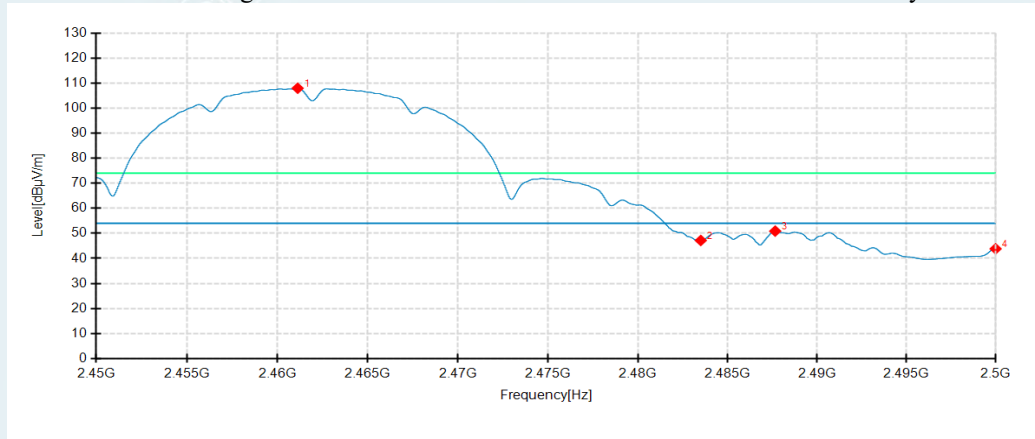
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



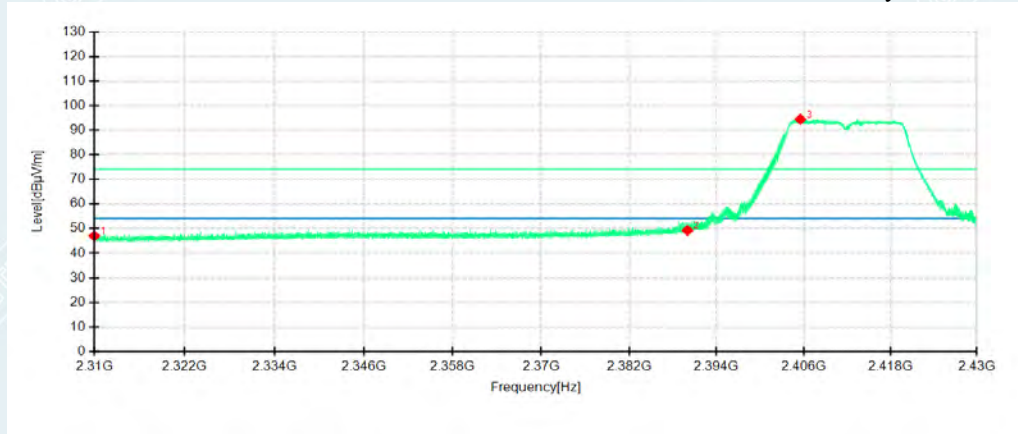
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2461.1219	85.85	91.81	5.96	54.00	-37.81	200	90	Horizontal	No limit
2	2483.5000	31.10	36.66	5.56	54.00	17.34	100	0	Horizontal	/
3	2487.7813	32.08	37.56	5.48	54.00	16.44	200	360	Horizontal	/
4	2500.0000	32.48	37.74	5.26	54.00	16.26	200	90	Horizontal	/
1	2461.1188	101.96	107.92	5.96	54.00	-53.92	100	90	Vertical	No limit
2	2483.5000	41.60	47.16	5.56	54.00	6.84	100	90	Vertical	/
3	2487.6531	45.42	50.90	5.48	54.00	3.10	200	90	Vertical	/
4	2500.0000	38.57	43.83	5.26	54.00	10.17	200	90	Vertical	/

802.11g mode (antenna 1)**Lowest Channel**

Channel 2412MHz

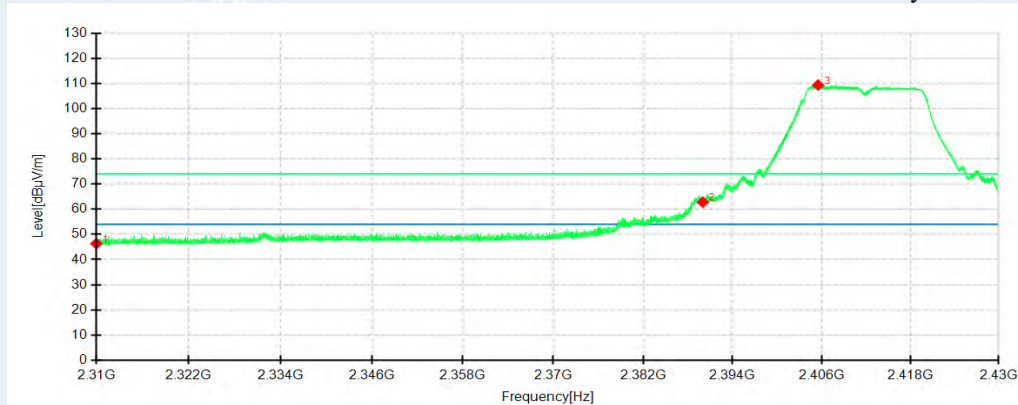
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



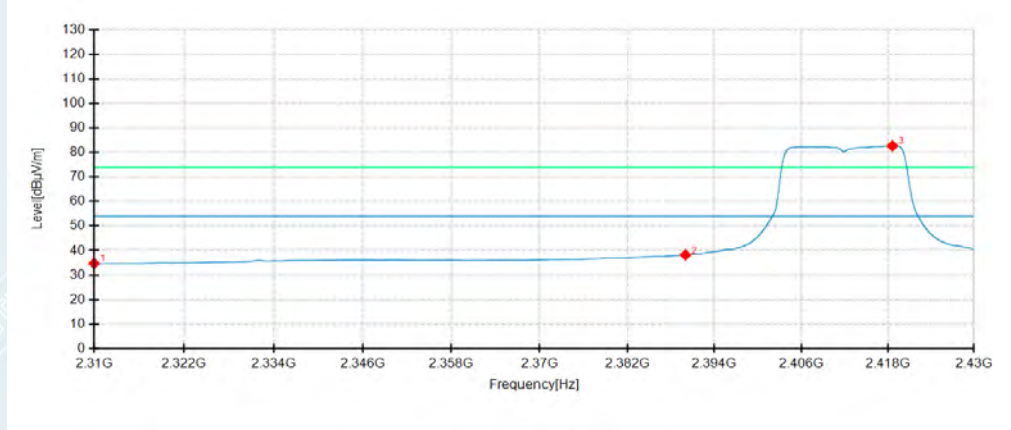
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	41.89	47.02	5.13	74.00	26.98	100	173	Horizontal	/
2	2390.0000	42.41	49.26	6.85	74.00	24.74	100	354	Horizontal	/
3	2405.5425	87.44	94.40	6.96	74.00	-20.40	200	194	Horizontal	No limit
1	2310.0000	41.17	46.30	5.13	74.00	27.70	100	289	Vertical	/
2	2390.0000	55.96	62.81	6.85	74.00	11.19	100	145	Vertical	/
3	2405.5200	102.36	109.32	6.96	74.00	-35.32	100	159	Vertical	No limit

802.11g mode (antenna 1)**Lowest Channel**

Channel 2412MHz

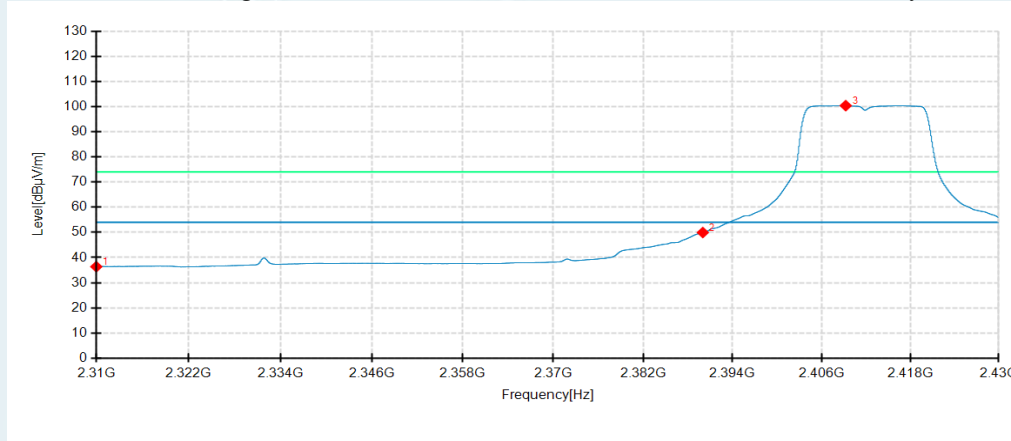
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



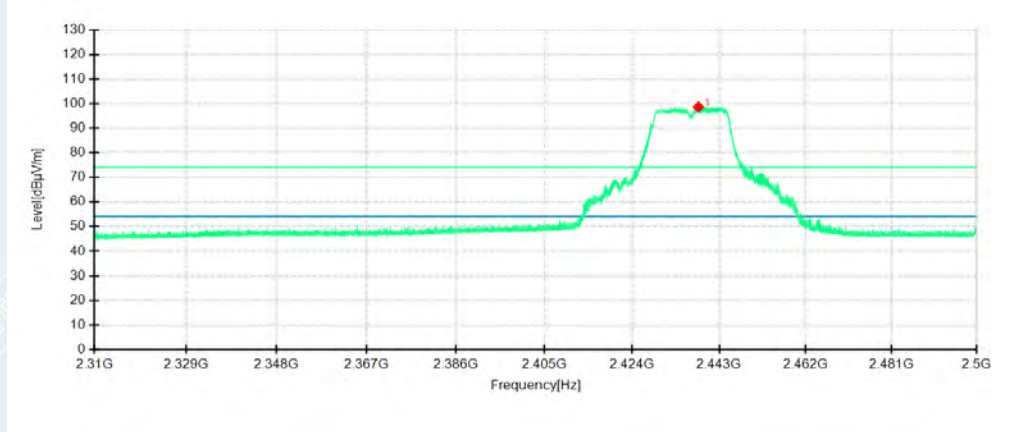
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	29.63	34.76	5.13	54.00	19.24	100	180	Horizontal	/
2	2390.0000	31.39	38.24	6.85	54.00	15.76	100	0	Horizontal	/
3	2418.6375	75.93	82.65	6.72	54.00	-28.65	100	0	Horizontal	No limit
1	2310.0000	31.23	36.36	5.13	54.00	17.64	100	180	Vertical	/
2	2390.0000	43.09	49.94	6.85	54.00	4.06	200	360	Vertical	/
3	2409.2475	93.47	100.36	6.89	54.00	-46.36	200	360	Vertical	No limit

802.11g mode (antenna 1)**Middle Channel**

Channel 2437MHz

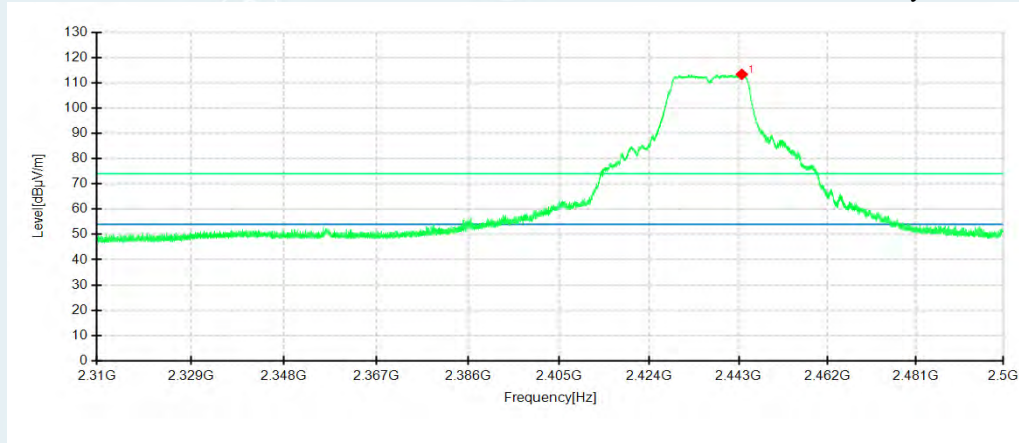
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



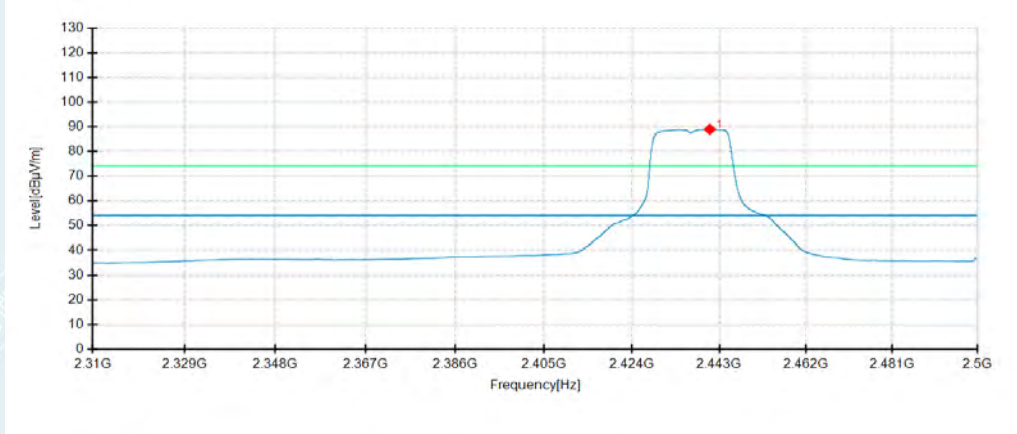
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2438.4638	92.23	98.60	6.37	74.00	-24.60	100	320	Horizontal	No limit
1	2443.6531	107.05	113.32	6.27	74.00	-39.32	100	155	Vertical	No limit

802.11g mode (antenna 1)**Middle Channel**

Channel 2437MHz

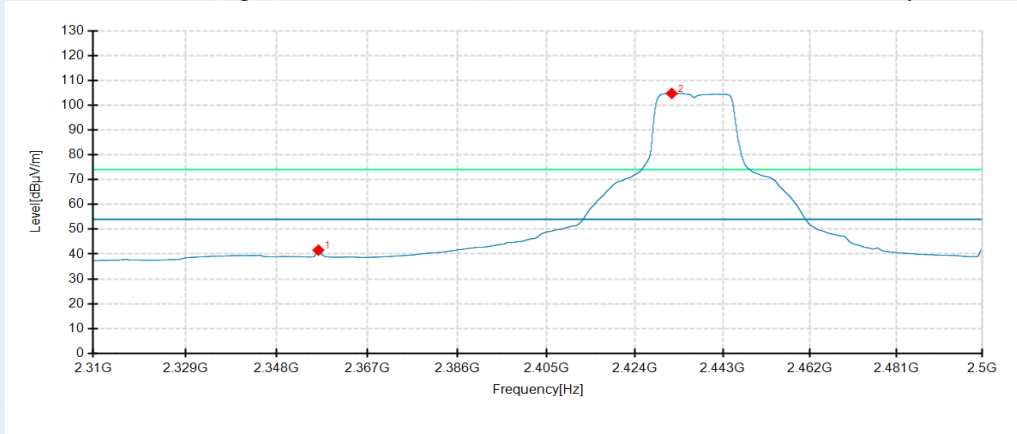
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



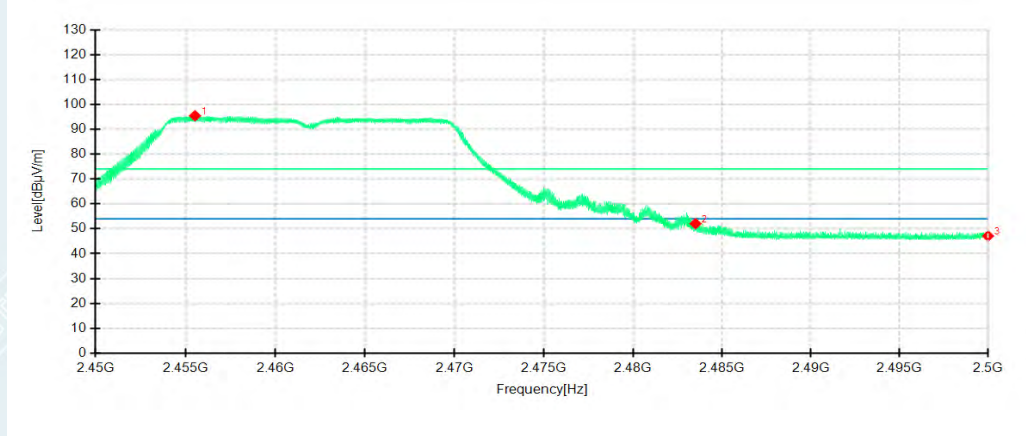
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2440.9456	82.64	88.96	6.32	54.00	-34.96	100	360	Horizontal	No limit
1	2356.7519	35.45	41.58	6.13	54.00	12.42	200	0	Vertical	/
2	2431.9444	98.21	104.70	6.49	54.00	-50.70	200	90	Vertical	No limit

802.11g mode (antenna 1)**Highest Channel**

Channel 2462MHz

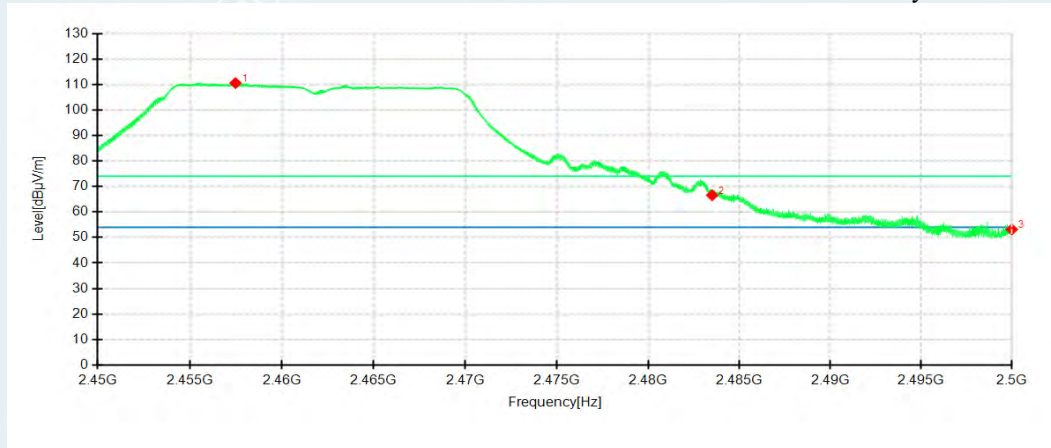
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



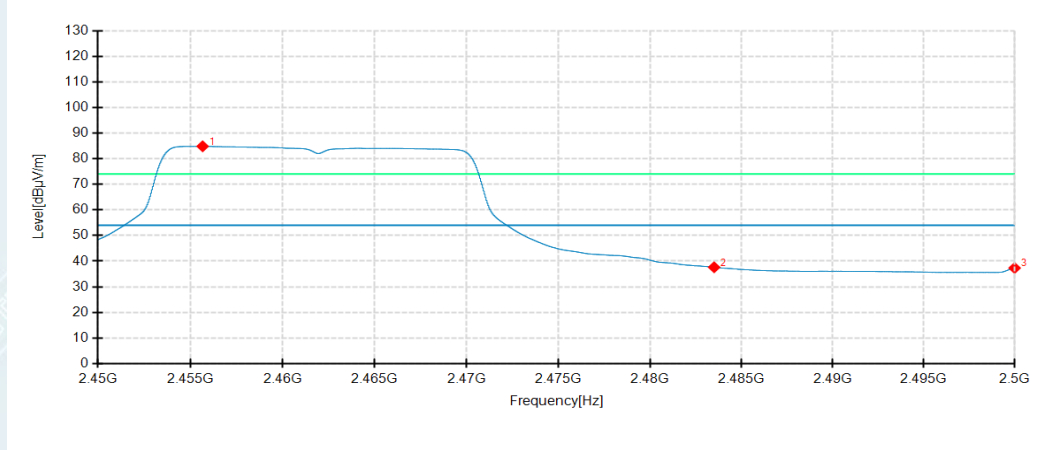
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2455.5313	89.34	95.40	6.06	74.00	-21.40	100	320	Horizontal	No limit
2	2483.5000	46.49	52.05	5.56	74.00	21.95	100	320	Horizontal	/
3	2500.0000	41.82	47.08	5.26	74.00	26.92	200	252	Horizontal	/
1	2457.4813	104.52	110.55	6.03	74.00	-36.55	100	162	Vertical	No limit
2	2483.5000	61.00	66.56	5.56	74.00	7.44	200	1	Vertical	/
3	2500.0000	47.90	53.16	5.26	74.00	20.84	200	63	Vertical	/

802.11g mode (antenna 1)**Highest Channel**

Channel 2462MHz

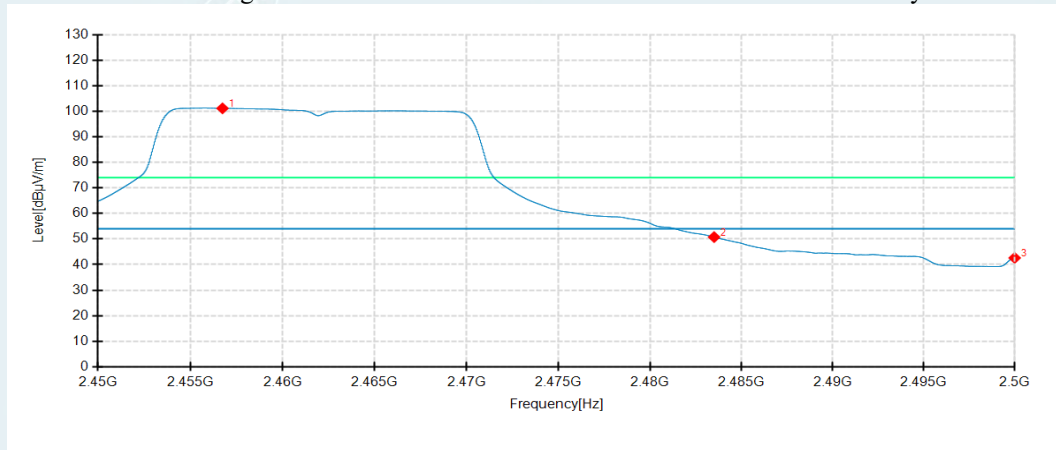
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



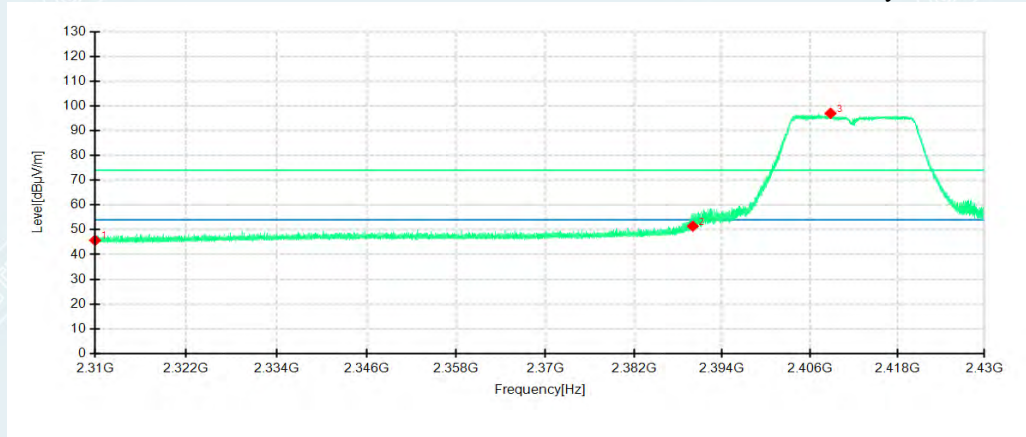
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2455.6688	78.77	84.83	6.06	54.00	-30.83	100	360	Horizontal	No limit
2	2483.5000	32.05	37.61	5.56	54.00	16.39	100	360	Horizontal	/
3	2500.0000	32.06	37.32	5.26	54.00	16.68	100	90	Horizontal	/
1	2456.7438	95.08	101.12	6.04	54.00	-47.12	200	360	Vertical	No limit
2	2483.5000	45.19	50.75	5.56	54.00	3.25	200	90	Vertical	/
3	2500.0000	37.35	42.61	5.26	54.00	11.39	200	90	Vertical	/

802.11n HT20 mode**Lowest Channel**

Channel 2412MHz

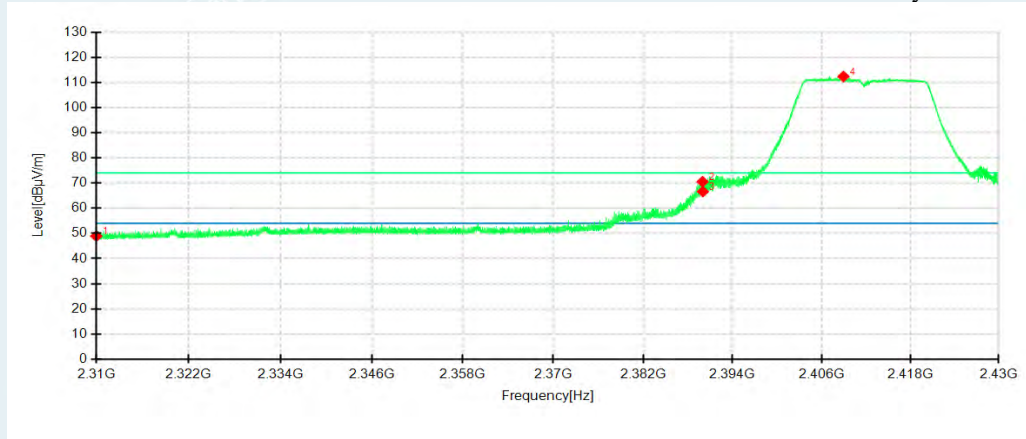
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



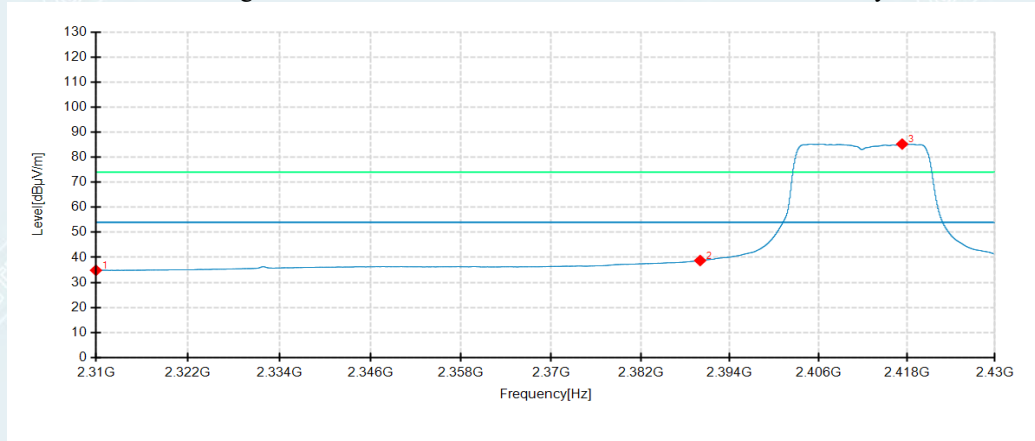
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	40.61	45.74	5.13	74.00	28.26	100	159	Horizontal	/
2	2390.0000	44.57	51.42	6.85	74.00	22.58	100	247	Horizontal	/
3	2408.8125	90.10	97.00	6.90	74.00	-23.00	200	201	Horizontal	No limit
1	2310.0000	43.77	48.90	5.13	74.00	25.10	200	80	Vertical	/
2	2389.9650	63.68	70.52	6.84	74.00	3.48	100	87	Vertical	/
3	2390.0000	59.76	66.61	6.85	74.00	7.39	200	286	Vertical	/
4	2408.9400	105.42	112.32	6.90	74.00	-38.32	100	165	Vertical	No limit

802.11n HT20 mode**Lowest Channel**

Channel 2412MHz

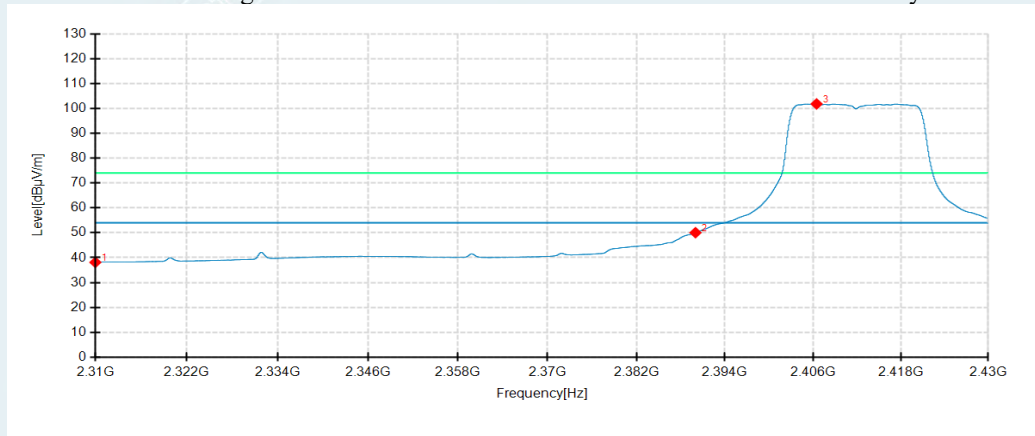
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



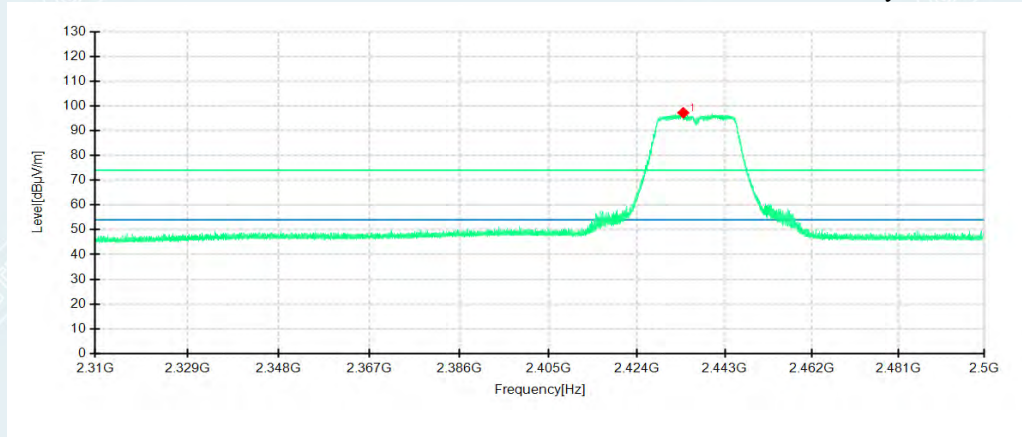
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	29.71	34.84	5.13	54.00	19.16	100	180	Horizontal	/
2	2390.0000	31.89	38.74	6.85	54.00	15.26	100	180	Horizontal	/
3	2417.3625	78.49	85.24	6.75	54.00	-31.24	200	360	Horizontal	No limit
1	2310.0000	32.99	38.12	5.13	54.00	15.88	100	180	Vertical	/
2	2390.0000	43.19	50.04	6.85	54.00	3.96	100	90	Vertical	/
3	2406.4800	94.84	101.78	6.94	54.00	-47.78	100	90	Vertical	No limit

802.11n HT20 mode**Middle Channel**

Channel 2437MHz

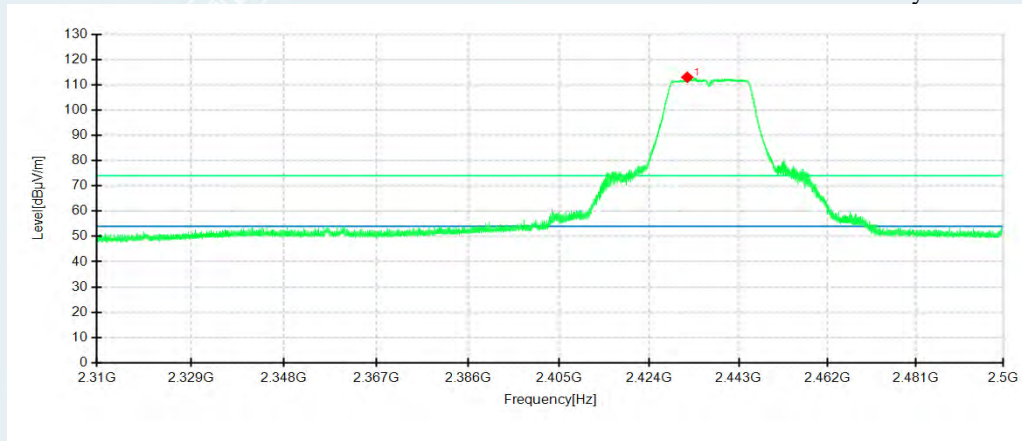
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



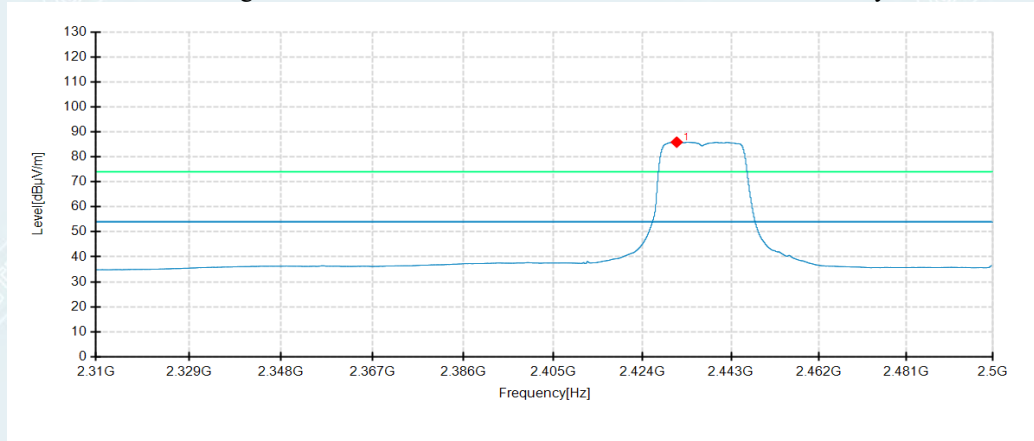
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2433.9988	90.77	97.22	6.45	74.00	-23.22	100	208	Horizontal	No limit
1	2432.0631	106.48	112.96	6.48	74.00	-38.96	100	74	Vertical	No limit

802.11n HT20 mode**Middle Channel**

Channel 2437MHz

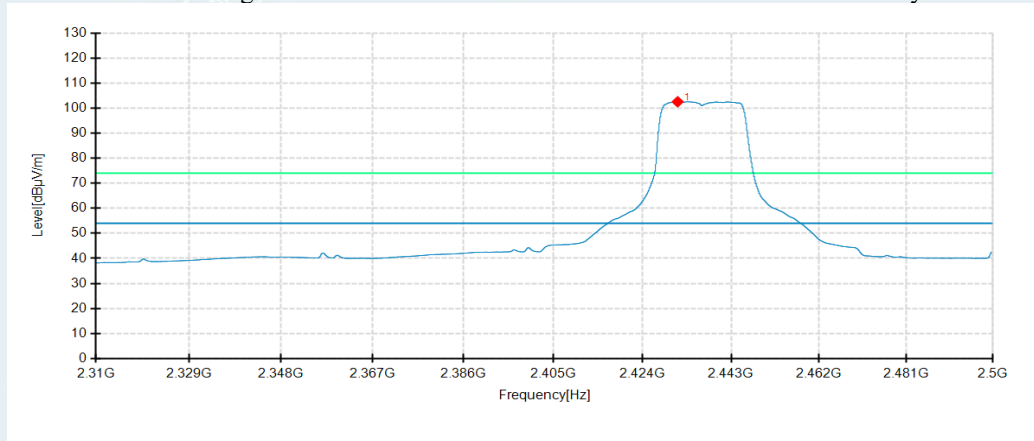
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



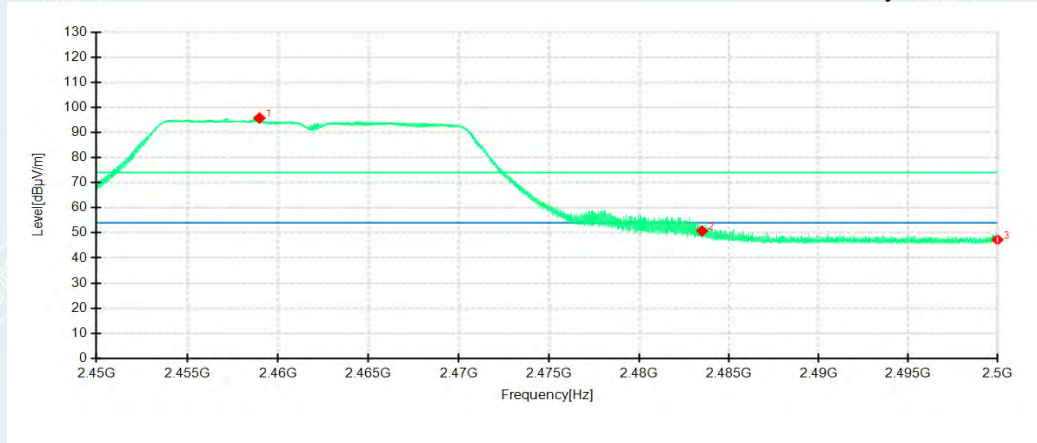
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2431.3269	79.37	85.87	6.50	54.00	-31.87	200	360	Horizontal	No limit
1	2431.5288	96.02	102.51	6.49	54.00	-48.51	100	90	Vertical	No limit

802.11n HT20 mode**Highest Channel**

Channel 2462MHz

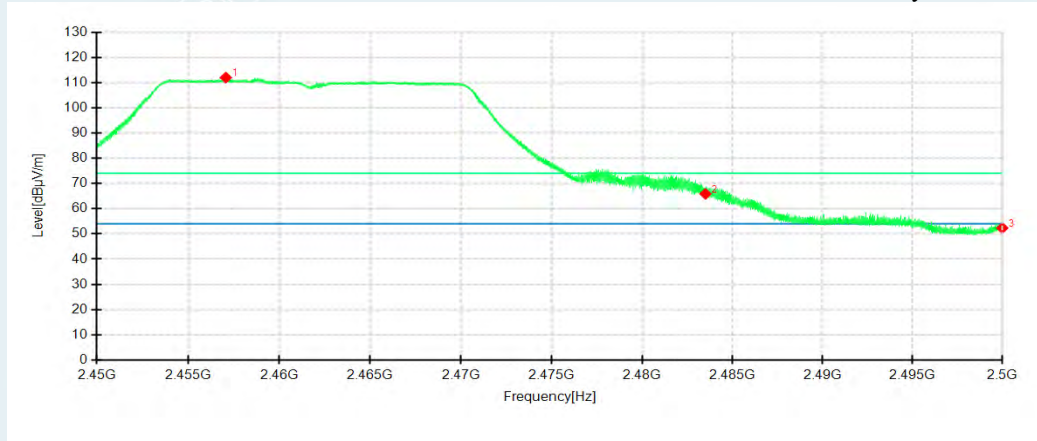
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



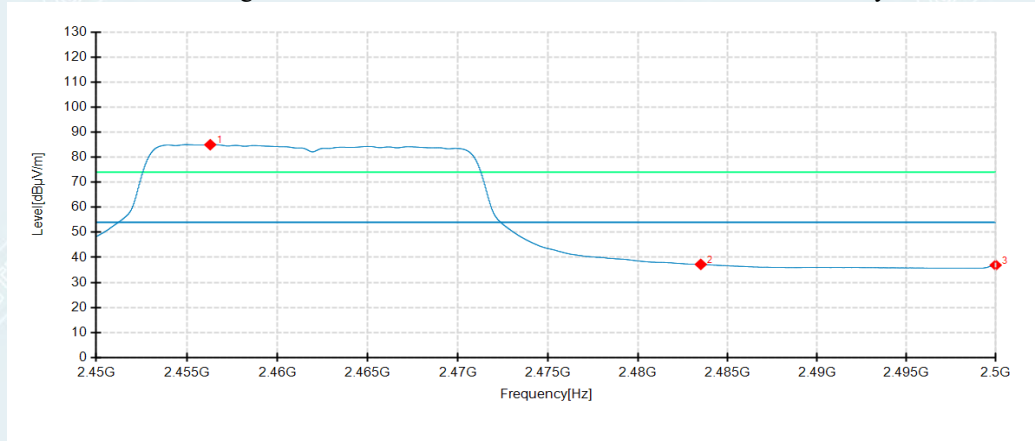
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2458.9781	89.74	95.74	6.00	74.00	-21.74	100	354	Horizontal	No limit
2	2483.5000	45.18	50.74	5.56	74.00	23.26	100	88	Horizontal	/
3	2500.0000	41.99	47.25	5.26	74.00	26.75	100	306	Horizontal	/
1	2457.0719	105.92	111.95	6.03	74.00	-37.95	100	166	Vertical	No limit
2	2483.5000	60.31	65.87	5.56	74.00	8.13	100	112	Vertical	/
3	2500.0000	47.07	52.33	5.26	74.00	21.67	100	146	Vertical	/

802.11n HT20 mode**Highest Channel**

Channel 2462MHz

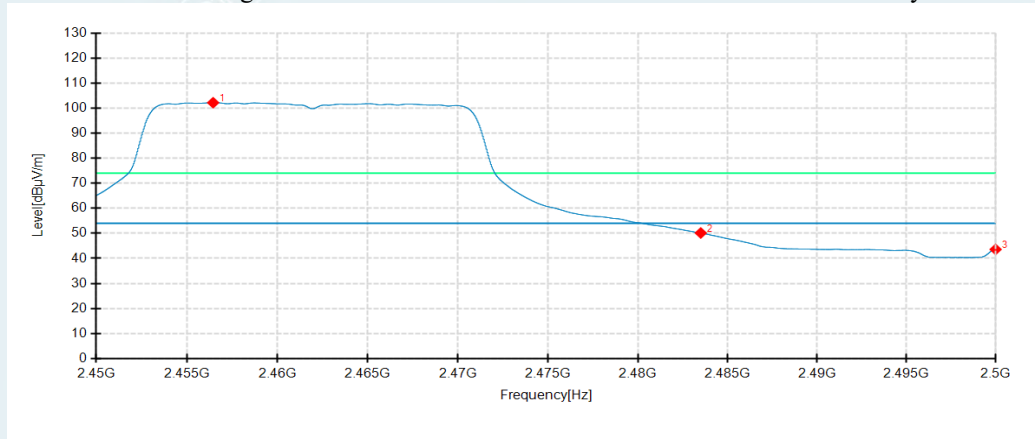
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



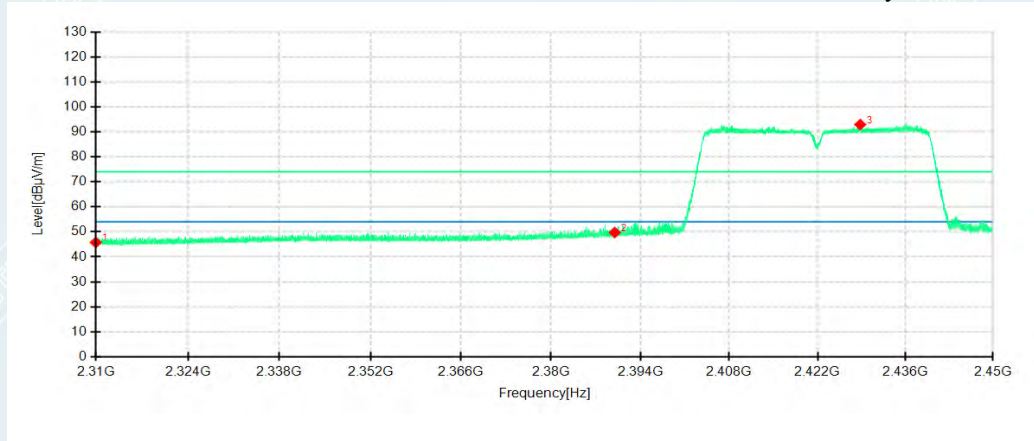
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2456.2906	78.93	84.98	6.05	54.00	-30.98	100	360	Horizontal	No limit
2	2483.5000	31.65	37.21	5.56	54.00	16.79	200	90	Horizontal	/
3	2500.0000	31.63	36.89	5.26	54.00	17.11	100	90	Horizontal	/
1	2456.4500	96.11	102.15	6.04	54.00	-48.15	100	90	Vertical	No limit
2	2483.5000	44.58	50.14	5.56	54.00	3.86	100	90	Vertical	/
3	2500.0000	38.33	43.59	5.26	54.00	10.41	200	270	Vertical	/

802.11n HT40 mode**Lowest Channel**

Channel 2422MHz

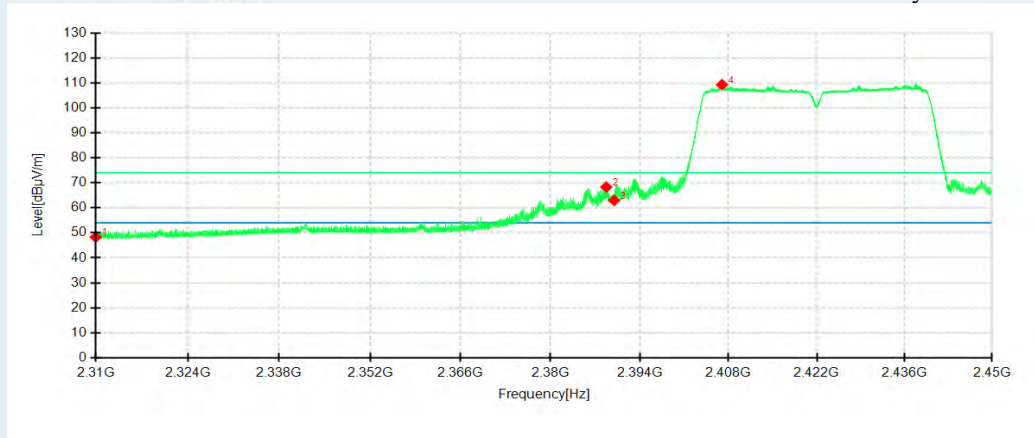
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



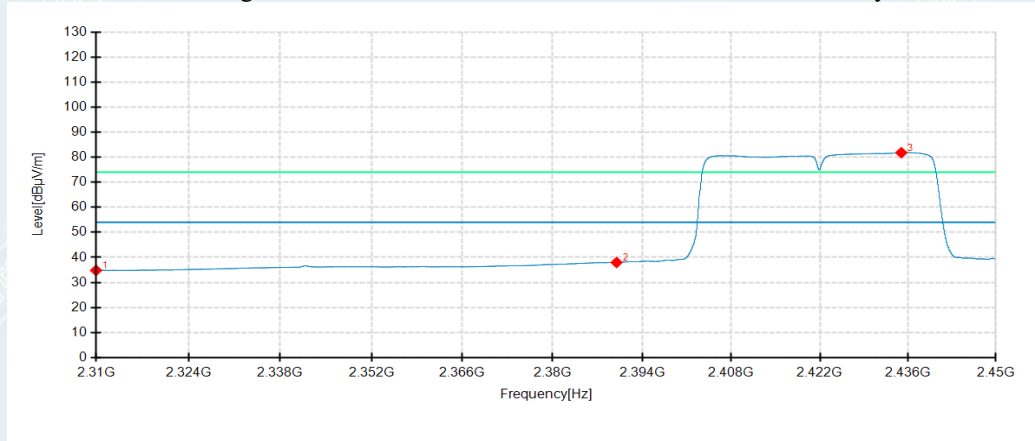
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	40.60	45.73	5.13	74.00	28.27	200	199	Horizontal	/
2	2390.0000	42.86	49.71	6.85	74.00	24.29	100	202	Horizontal	/
3	2428.7900	86.36	92.90	6.54	74.00	-18.90	100	209	Horizontal	No limit
1	2310.0000	43.15	48.28	5.13	74.00	25.72	200	286	Vertical	/
2	2388.7500	61.49	68.31	6.82	74.00	5.69	100	238	Vertical	/
3	2390.0000	56.13	62.98	6.85	74.00	11.02	100	84	Vertical	/
4	2406.9588	102.35	109.28	6.93	74.00	-35.28	100	165	Vertical	No limit

802.11n HT40 mode**Lowest Channel**

Channel 2422MHz

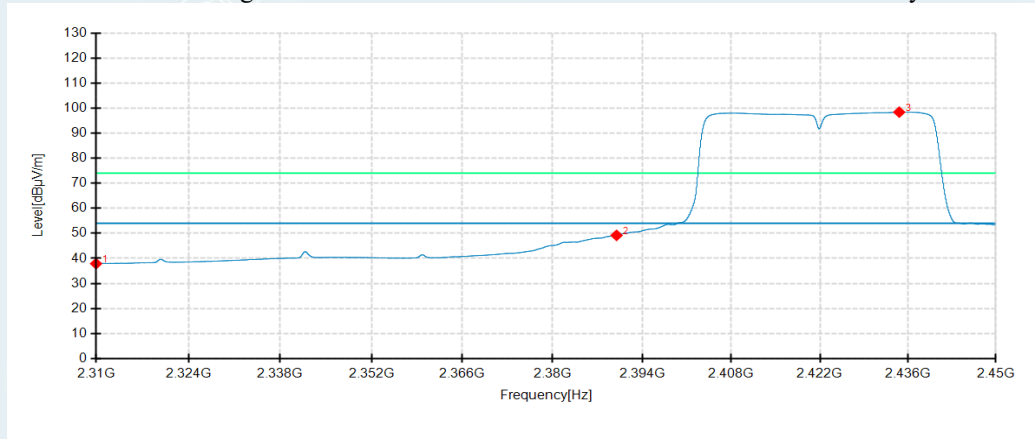
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



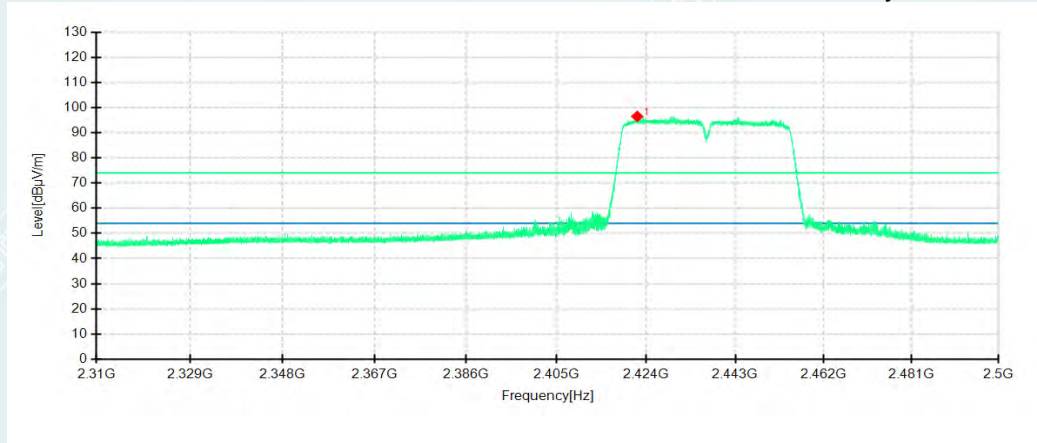
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	29.68	34.81	5.13	54.00	19.19	200	180	Horizontal	/
2	2390.0000	31.11	37.96	6.85	54.00	16.04	100	180	Horizontal	/
3	2434.9325	75.35	81.78	6.43	54.00	-27.78	100	360	Horizontal	No limit
1	2310.0000	32.76	37.89	5.13	54.00	16.11	100	180	Vertical	/
2	2390.0000	42.34	49.19	6.85	54.00	4.81	100	90	Vertical	/
3	2434.6000	91.93	98.37	6.44	54.00	-44.37	100	90	Vertical	No limit

802.11n HT40 mode**Middle Channel**

Channel 2437MHz

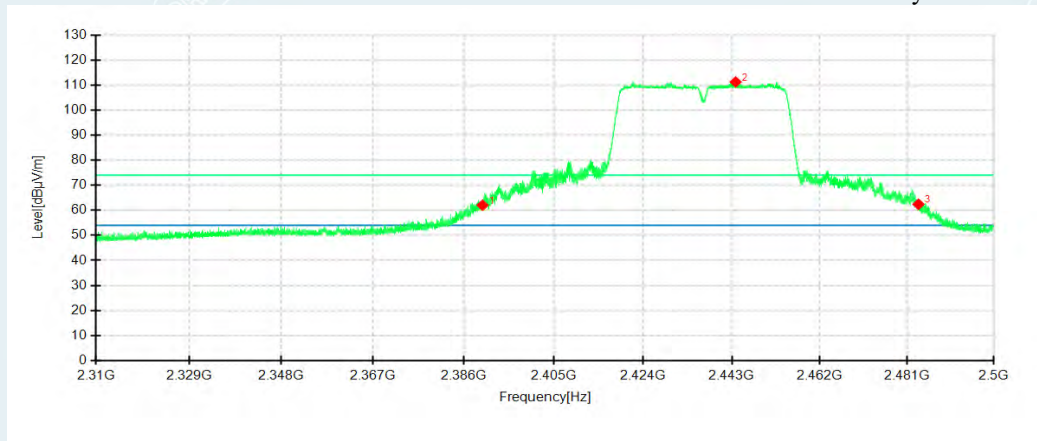
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



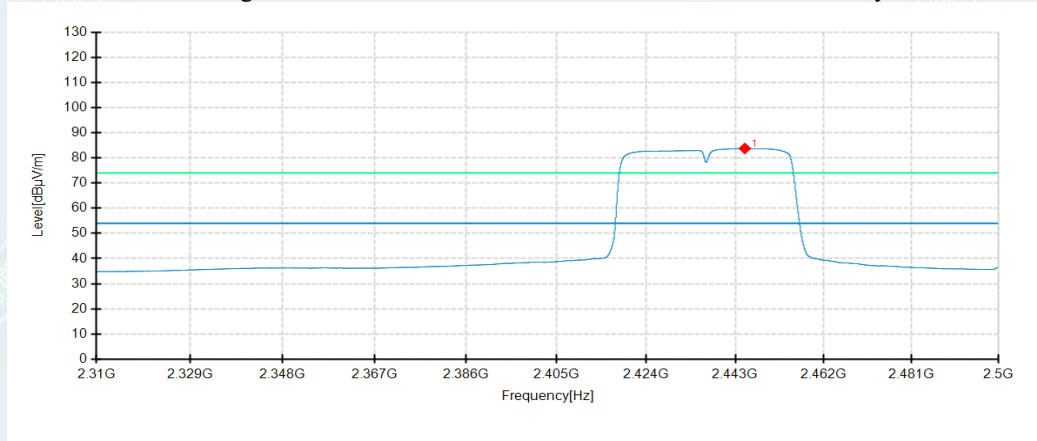
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2422.1238	89.80	96.46	6.66	74.00	-22.46	200	26	Horizontal	No limit
1	2390.0000	55.17	62.02	6.85	74.00	11.98	200	36	Vertical	/
2	2443.8431	104.96	111.23	6.27	74.00	-37.23	100	152	Vertical	No limit
3	2483.5000	56.84	62.40	5.56	74.00	11.60	100	274	Vertical	/

802.11n HT40 mode**Middle Channel**

Channel 2437MHz

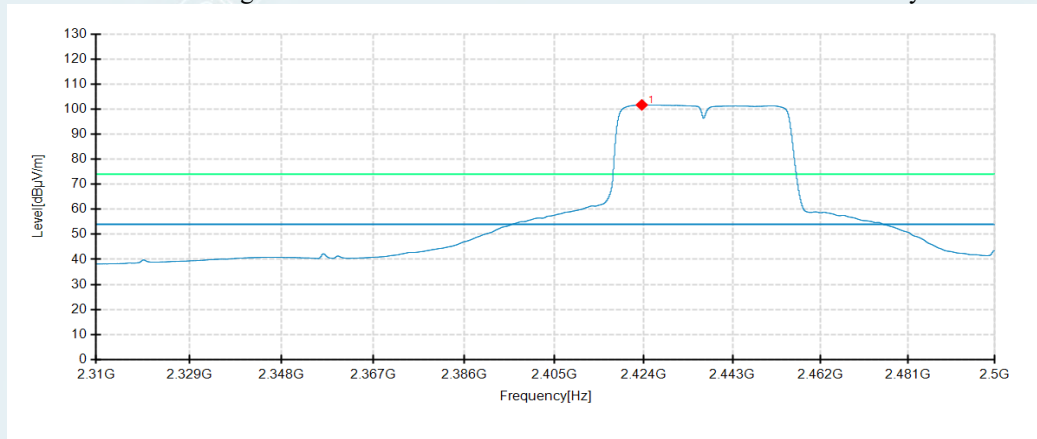
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



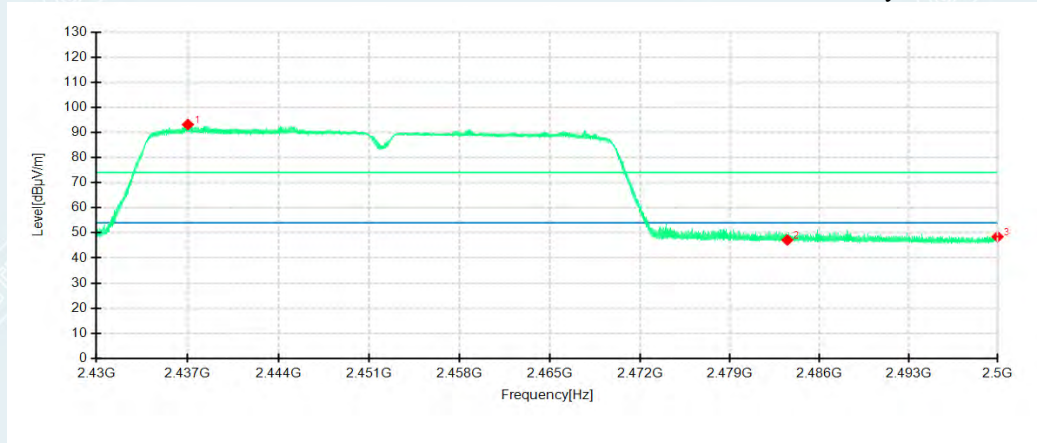
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2445.0544	77.49	83.74	6.25	54.00	-29.74	100	180	Horizontal	No limit
1	2423.5963	95.02	101.66	6.64	54.00	-47.66	100	180	Vertical	No limit

802.11n HT40 mode**Highest Channel**

Channel 2452MHz

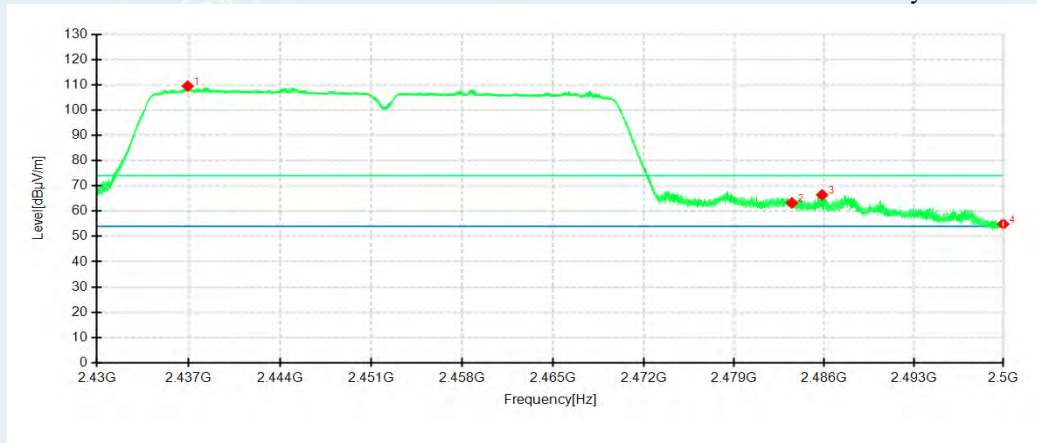
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



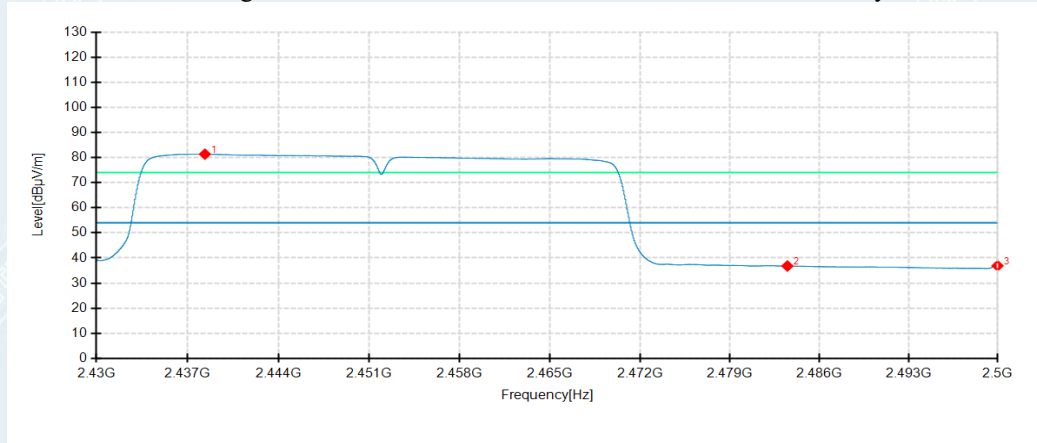
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2437.0306	86.74	93.13	6.39	74.00	-19.13	100	209	Horizontal	No limit
2	2483.5000	41.58	47.14	5.56	74.00	26.86	100	296	Horizontal	/
3	2500.0000	43.17	48.43	5.26	74.00	25.57	100	74	Horizontal	/
1	2436.9388	103.06	109.46	6.40	74.00	-35.46	200	194	Vertical	No limit
2	2483.5000	57.73	63.29	5.56	74.00	10.71	200	286	Vertical	/
3	2485.8556	60.91	66.42	5.51	74.00	7.58	100	162	Vertical	/
4	2500.0000	49.61	54.87	5.26	74.00	19.13	100	111	Vertical	/

802.11n HT40 mode**Highest Channel**

Channel 2452MHz

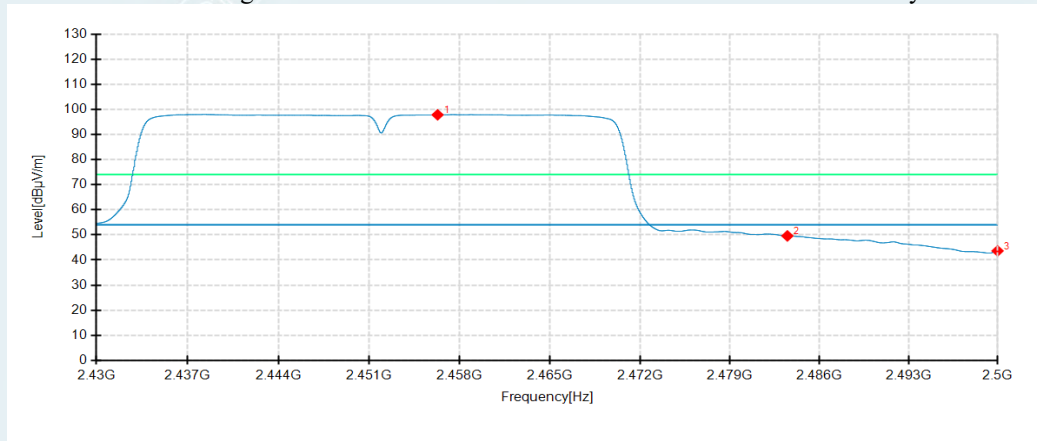
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2438.3388	74.98	81.35	6.37	54.00	-27.35	100	360	Horizontal	No limit
2	2483.5000	31.23	36.79	5.56	54.00	17.21	200	90	Horizontal	/
3	2500.0000	31.63	36.89	5.26	54.00	17.11	100	90	Horizontal	/
1	2456.2806	91.76	97.81	6.05	54.00	-43.81	100	90	Vertical	No limit
2	2483.5000	44.02	49.58	5.56	54.00	4.42	100	90	Vertical	/
3	2500.0000	38.36	43.62	5.26	54.00	10.38	200	0	Vertical	/

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