

7.4. TEST RESULTS

Test mode: IEEE 802.11b

Channel No.	Frequency (MHz)	Bandwidth (kHz)	Limit (kHz)	Test Result
1	2412	10.06	>500	PASS
6	2437	10.06		PASS
11	2462	10.06		PASS

Test mode: IEEE 802.11g

Channel No.	Frequency (MHz)	Bandwidth (kHz)	Limit (kHz)	Test Result
1	2412	15.13	>500	PASS
6	2437	15.15		PASS
11	2462	15.15		PASS

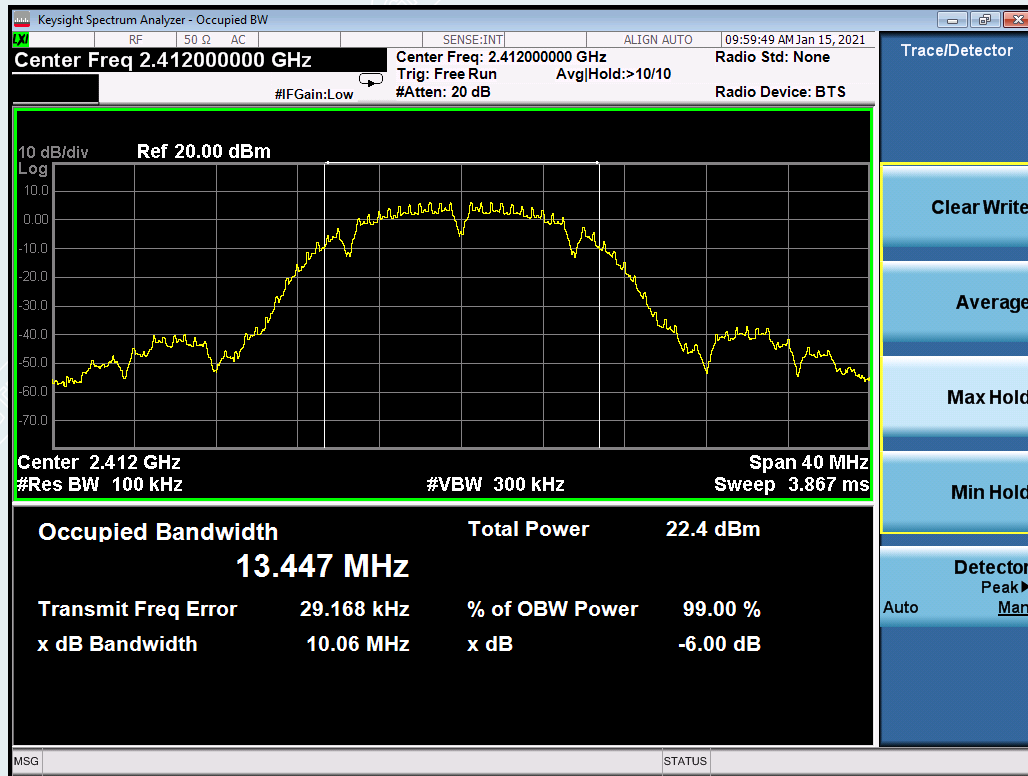
Test mode: IEEE 802.11n HT20

Channel No.	Frequency (MHz)	Bandwidth (kHz)	Limit (kHz)	Test Result
1	2412	15.15	>500	PASS
6	2437	15.14		PASS
11	2462	15.15		PASS

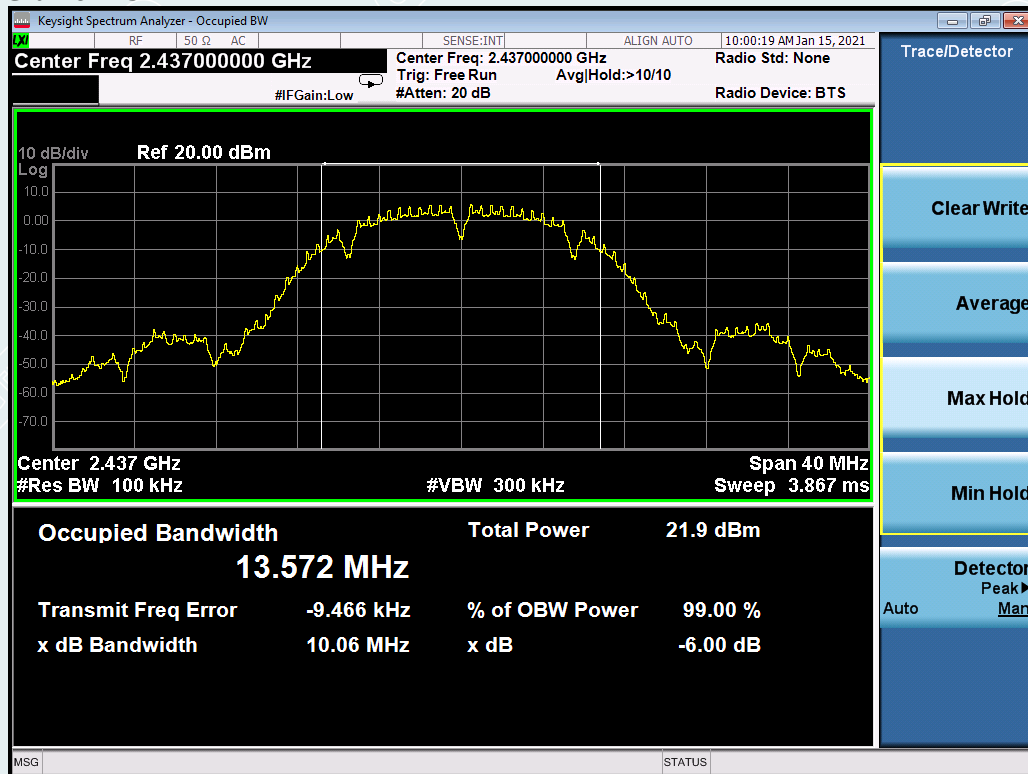
Test mode: IEEE 802.11n HT40

Channel No.	Frequency (MHz)	Bandwidth (kHz)	Limit (kHz)	Test Result
3	2422	33.88	>500	PASS
6	2437	32.67		PASS
9	2452	32.69		PASS

802.11b mode:
Channel 2412MHz

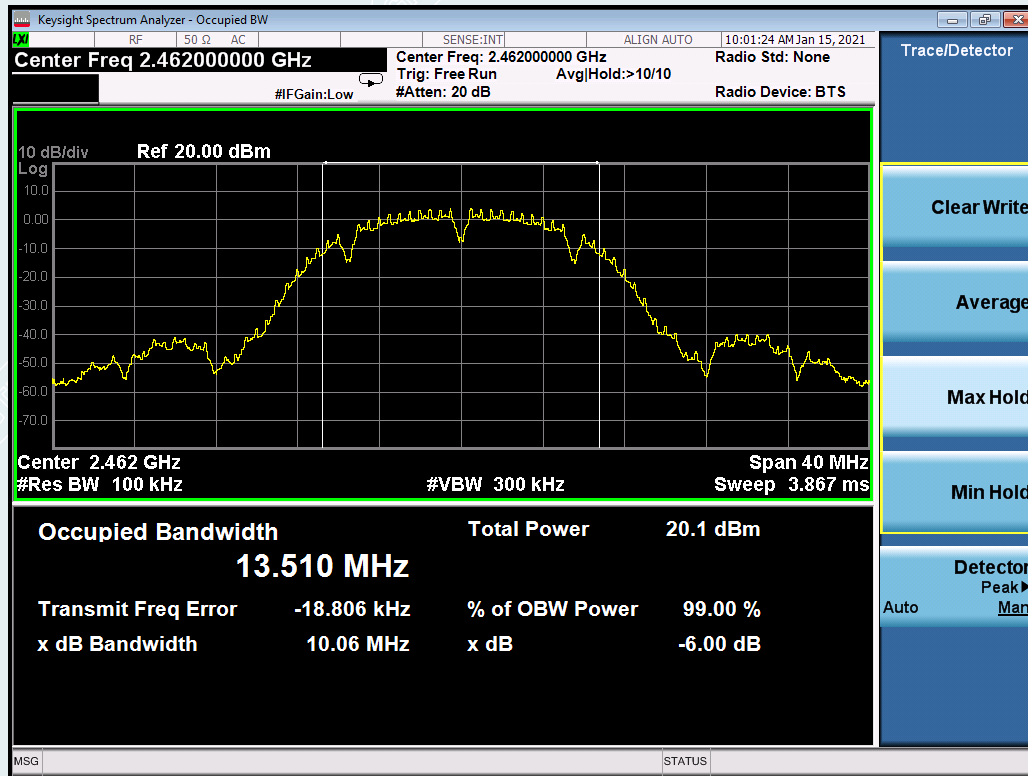


802.11b mode:
Channel 2437MHz



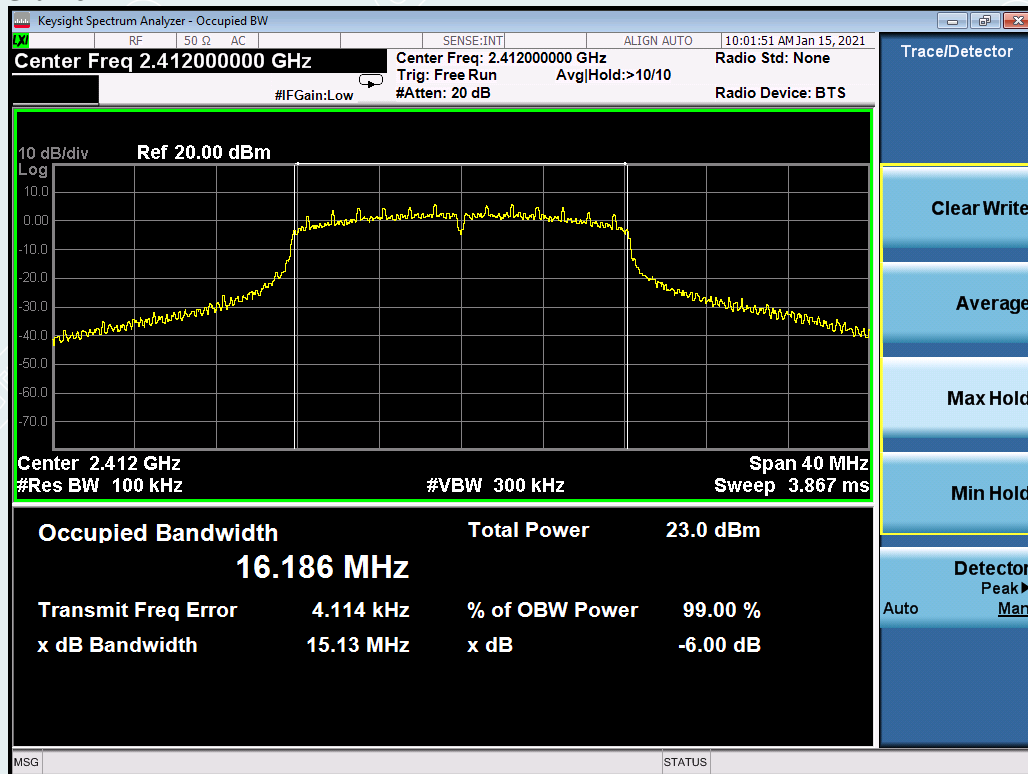
802.11b mode:

Channel 2462MHz

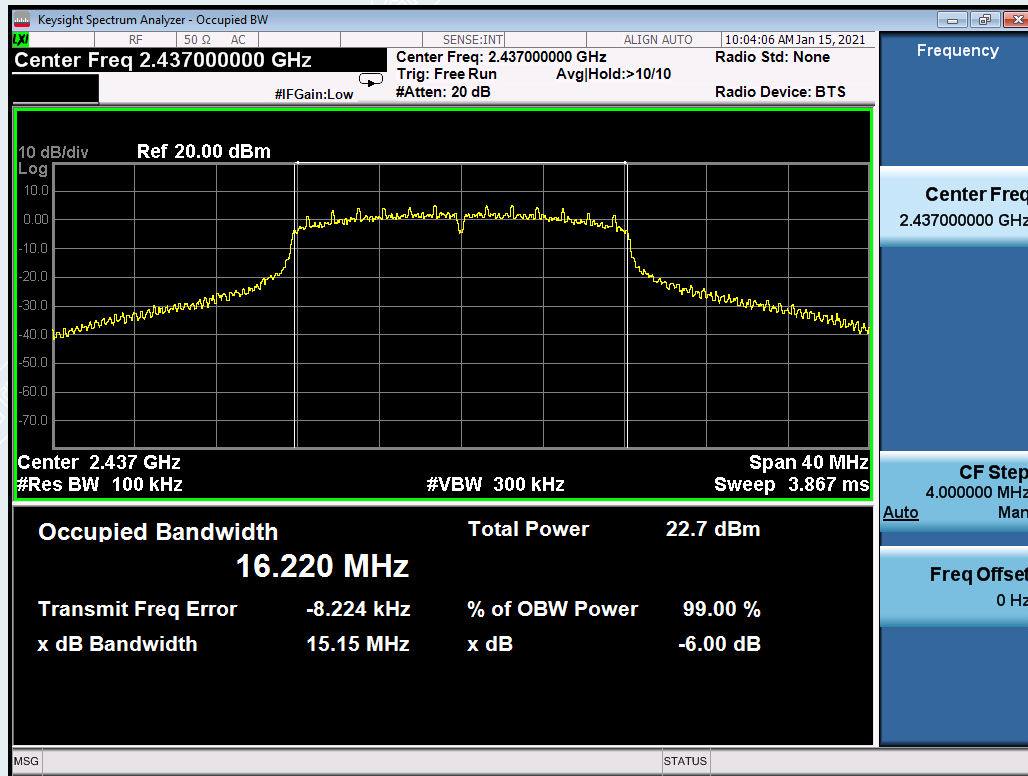


802.11g mode:

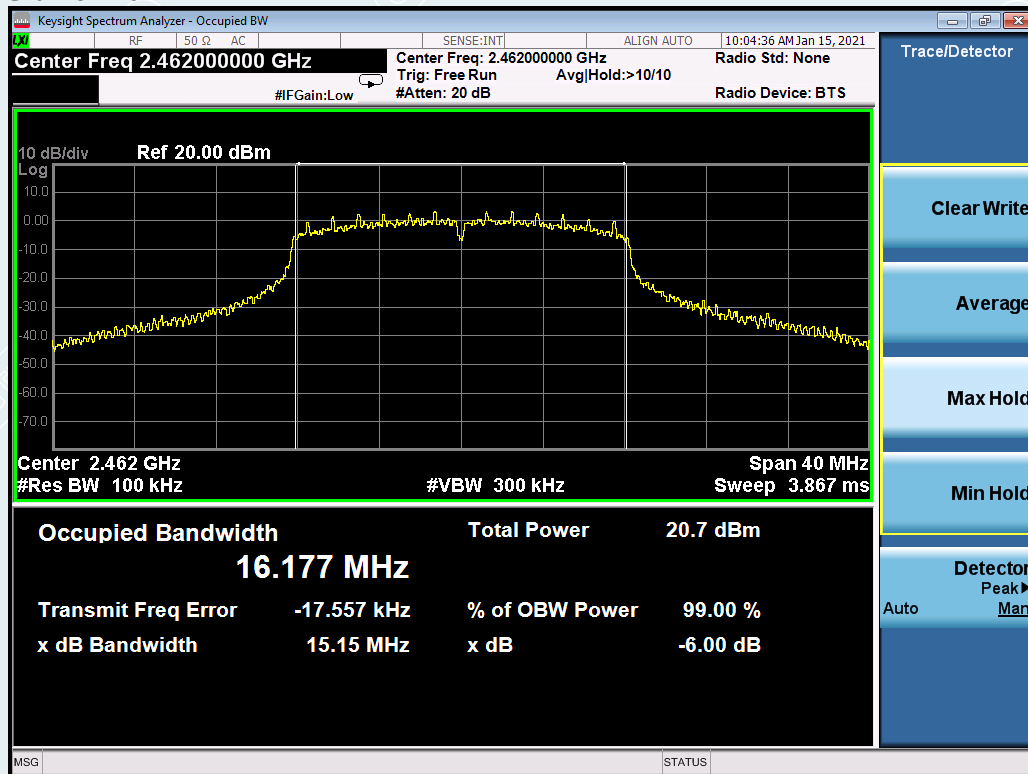
Channel 2412MHz



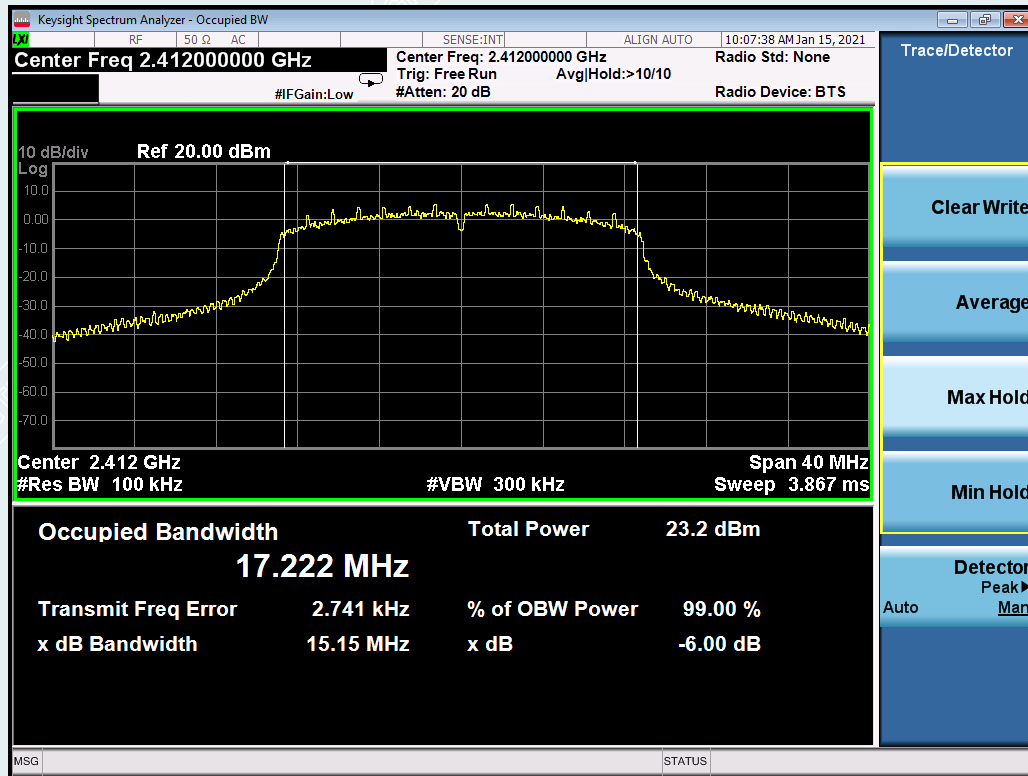
802.11g mode:
Channel 2437MHz



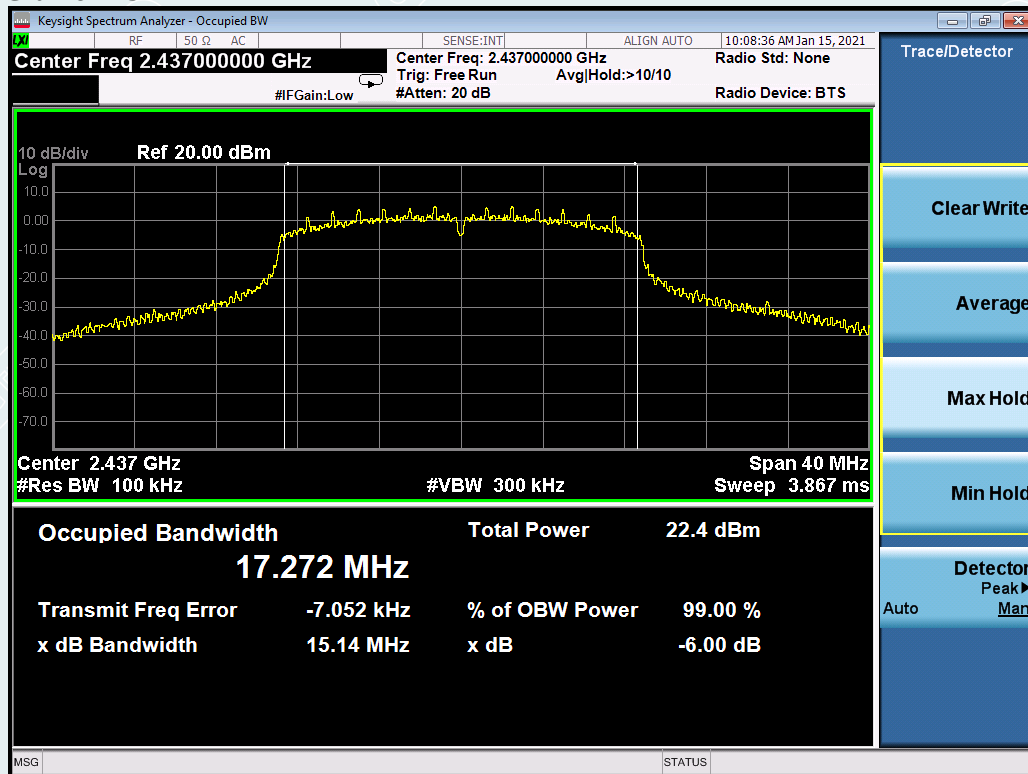
802.11g mode:
Channel 2462MHz



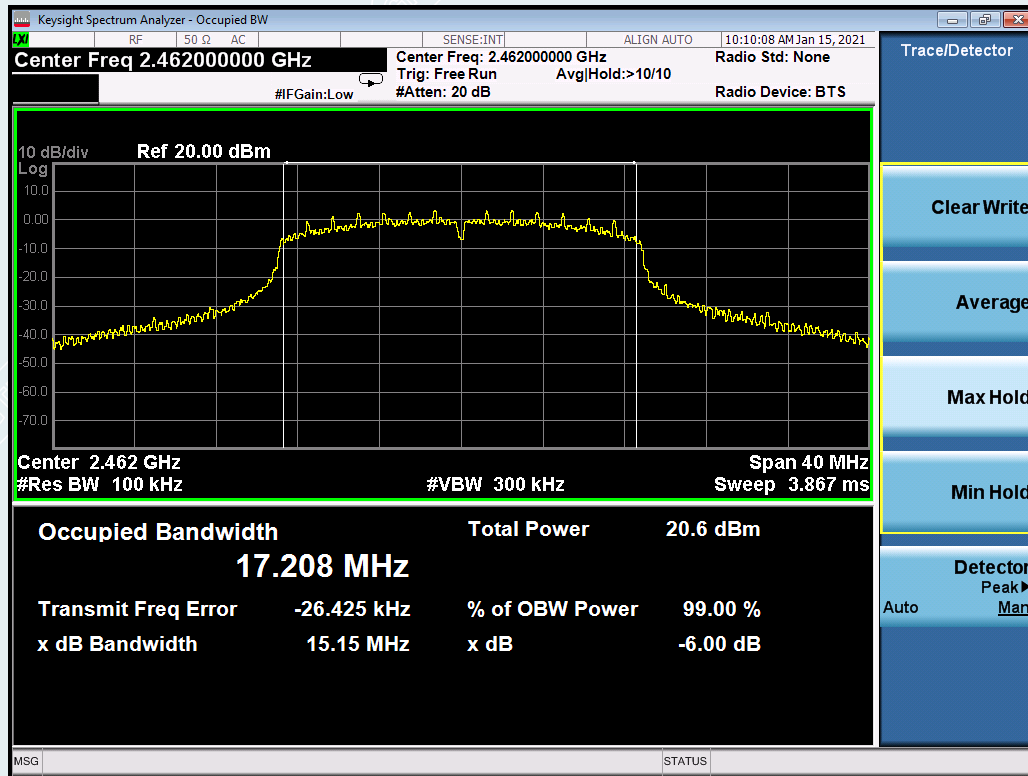
802.11n HT20 mode:
Channel 2412MHz



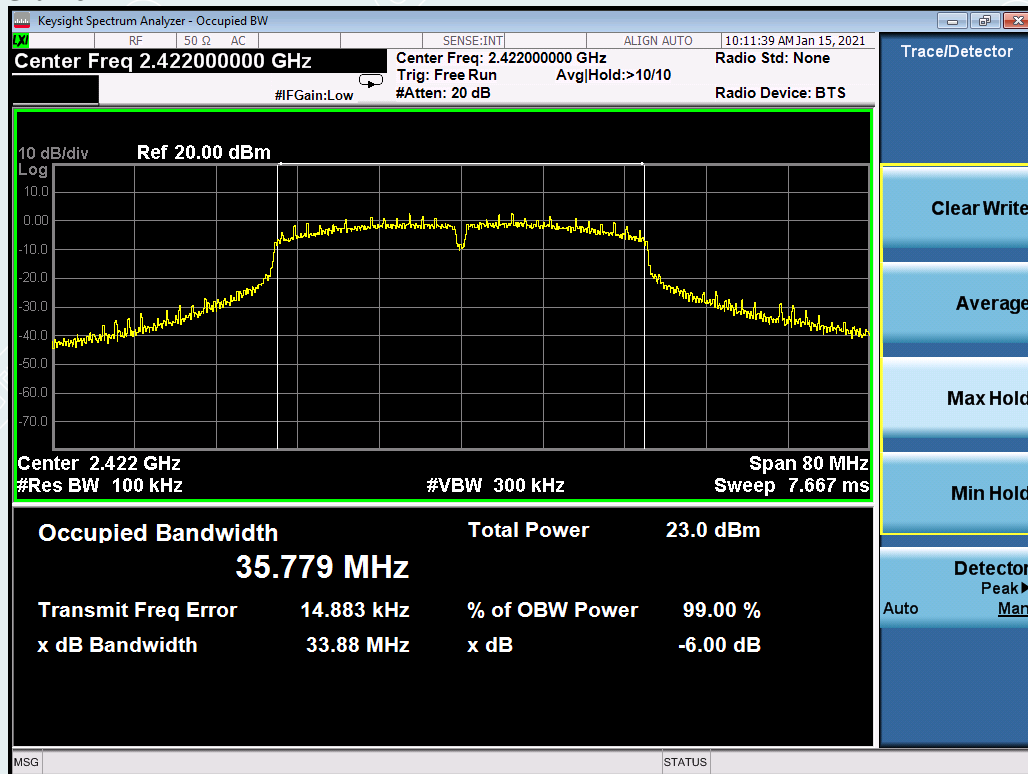
802.11n HT20 mode:
Channel 2437MHz



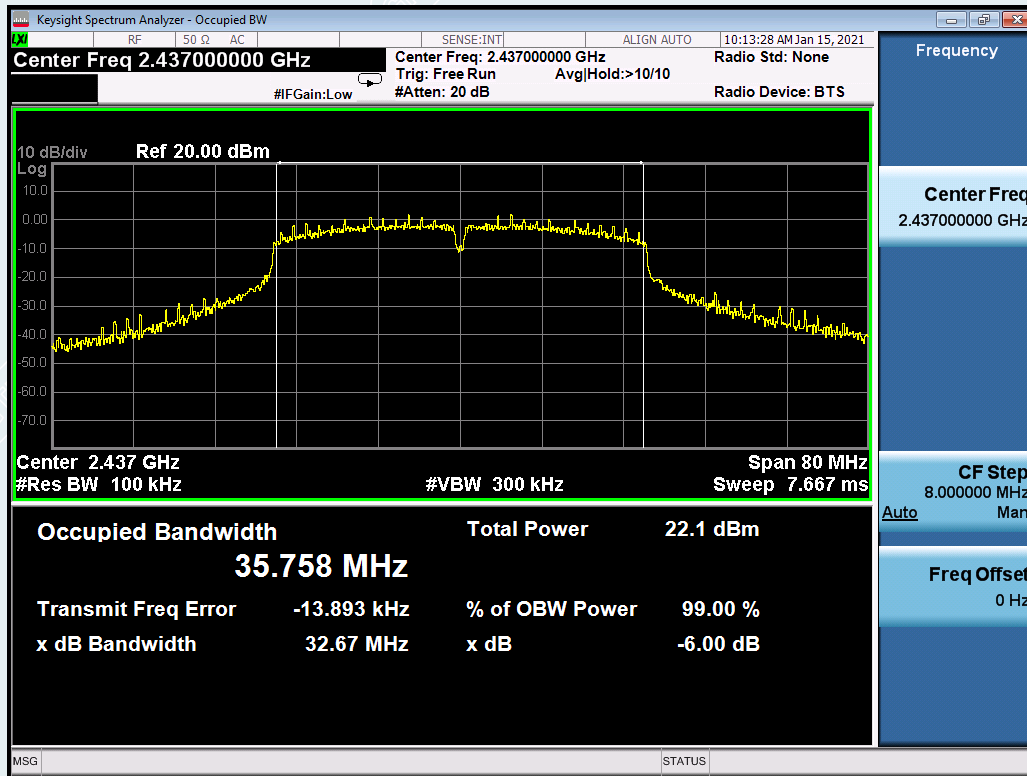
802.11n HT20 mode:
Channel 2462MHz



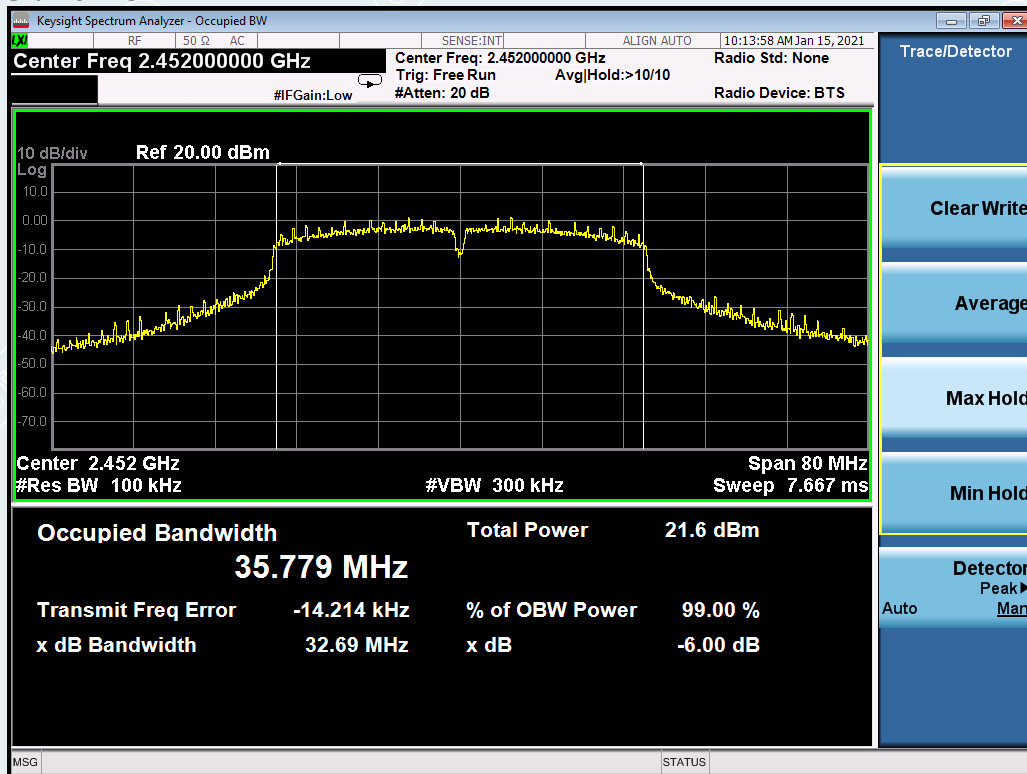
802.11n HT40 mode:
Channel 2422MHz



802.11n HT40 mode:
Channel 2437MHz



802.11n HT40 mode:
Channel 2452MHz



8. MAXIMUM PEAK OUTPUT POWER

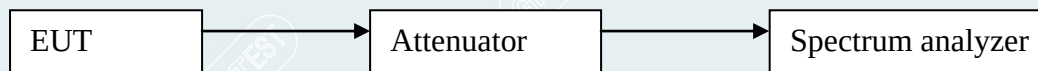
8.1. LIMITS

The maximum Peak output power measurement is 1W

8.2. TEST PROCEDURES

- 1) Place the EUT on a bench and set it in transmitting mode.
- 2) Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to an EMI Test Receiver.
- 3) The spectrum analyzer resolution bandwidth that is $\leq$ EBW. So we test the Maximum Conducted Output Power —Integrated band power method.
- 4) Set the analyzer span $\geq 1.5 \times$ DTS bandwidth. Set the RBW = 1 MHz. Set the VBW ≥ 3 MHz. Sweep time = auto couple. Detector = peak. Allow trace to fully stabilize.

8.3. TEST SETUP



8.4. TEST RESULTS

802.11b Mode:

Channel No.	Frequency (MHz)	Measured Channel Power (dBm)	Peak / AVG	Limit	Result
1	2412	18.16	Peak	1W (30dBm)	Pass
6	2437	17.73			Pass
11	2462	15.78			Pass

802.11g Mode:

Channel No.	Frequency (MHz)	Measured Channel Power (dBm)	Peak / AVG	Limit	Result
1	2412	21.94	Peak	1W (30dBm)	Pass
6	2437	21.12			Pass
11	2462	19.56			Pass

802.11n HT20 Mode:

Channel No.	Frequency (MHz)	Measured Channel Power (dBm)	Peak / AVG	Limit	Result
1	2412	21.87	Peak	1W (30dBm)	Pass
6	2437	21.02			Pass
11	2462	19.20			Pass

802.11n HT40 Mode:

Channel No.	Frequency (MHz)	Measured Channel Power (dBm)	Peak / AVG	Limit	Result
3	2422	19.95	Peak	1W (30dBm)	Pass
6	2437	20.15			Pass
9	2452	19.80			Pass

9. POWER SPECTRAL DENSITY

9.1. LIMITS

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

9.2. TEST PROCEDURES

- 1) Remove the antenna from the EUT, and then connect a low loss RF cable from antenna port to the spectrum analyzer.
- 2) Position the EUT was set without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
- 3) Set the analyzer span to 1.5 times the DTS bandwidth. Set the RBW = 3 kHz. Set the VBW ≥ 3 RBW. Detector = peak. Ensure that the number of measurement points in the sweep $\geq 2 \times$ span/RBW (use of a greater number of measurement points than this minimum requirement is recommended).
- 4) Repeat above procedures until all frequencies measured were complete.

9.3. TEST SETUP



9.4. TEST RESULTS

802.11b Mode:

Channel No.	Frequency (MHz)	PSD (dBm)	Duty Factor	Total PSD with Duty Factor (dBm)	Limit (dBm)	Result
1	2412	-7.655	0.00	-7.655	8	Pass
6	2437	-8.269	0.00	-8.269	8	Pass
11	2462	-10.038	0.00	-10.038	8	Pass

802.11g Mode:

Channel No.	Frequency (MHz)	PSD (dBm)	Duty Factor	Total PSD with Duty Factor (dBm)	Limit (dBm)	Result
1	2412	-8.000	0.09	-7.91	8	Pass
6	2437	-8.707	0.09	-8.617	8	Pass
11	2462	-10.250	0.09	-10.16	8	Pass

802.11n HT20 Mode:

Channel No.	Frequency (MHz)	PSD (dBm)	Duty Factor	Total PSD with Duty Factor (dBm)	Limit (dBm)	Result
1	2412	-8.208	0.10	-8.108	8	Pass
6	2437	-9.129	0.10	-9.029	8	Pass
11	2462	-10.595	0.10	-10.495	8	Pass

802.11n HT40 Mode:

Channel No.	Frequency (MHz)	PSD (dBm)	Duty Factor	Total PSD with Duty Factor (dBm)	Limit (dBm)	Result
3	2422	-9.744	0.16	-9.584	8	Pass
6	2437	-11.183	0.16	-11.023	8	Pass
9	2452	-9.792	0.16	-9.632	8	Pass

802.11b mode:
Channel 2412MHz



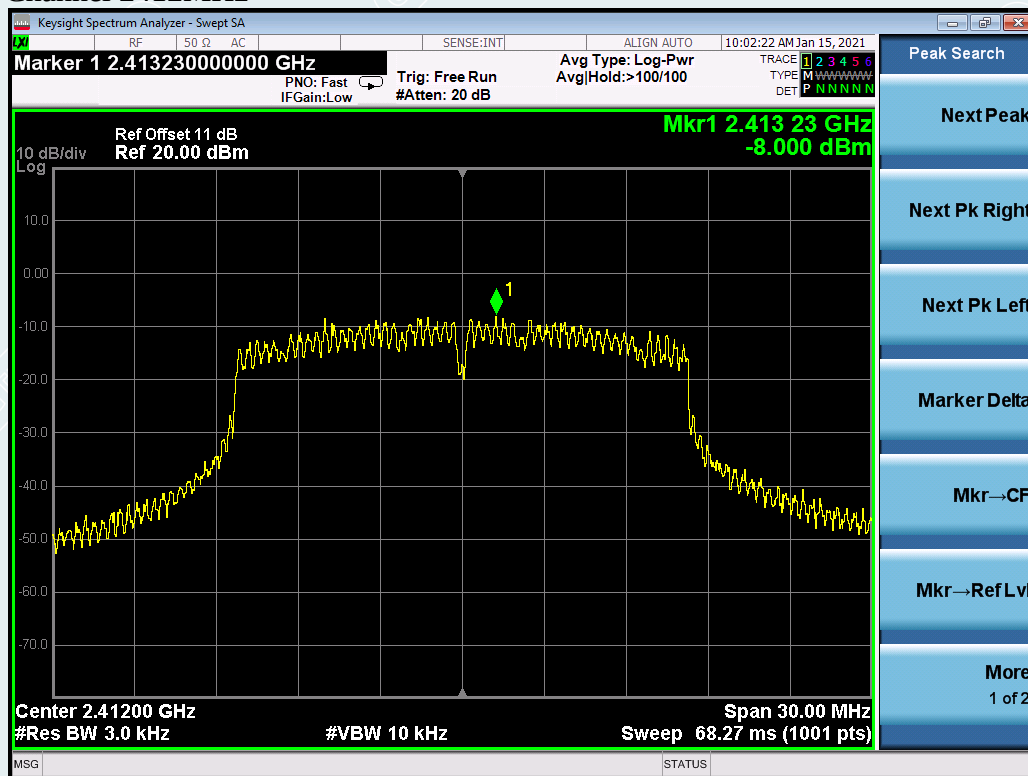
802.11b mode:
Channel 2437MHz



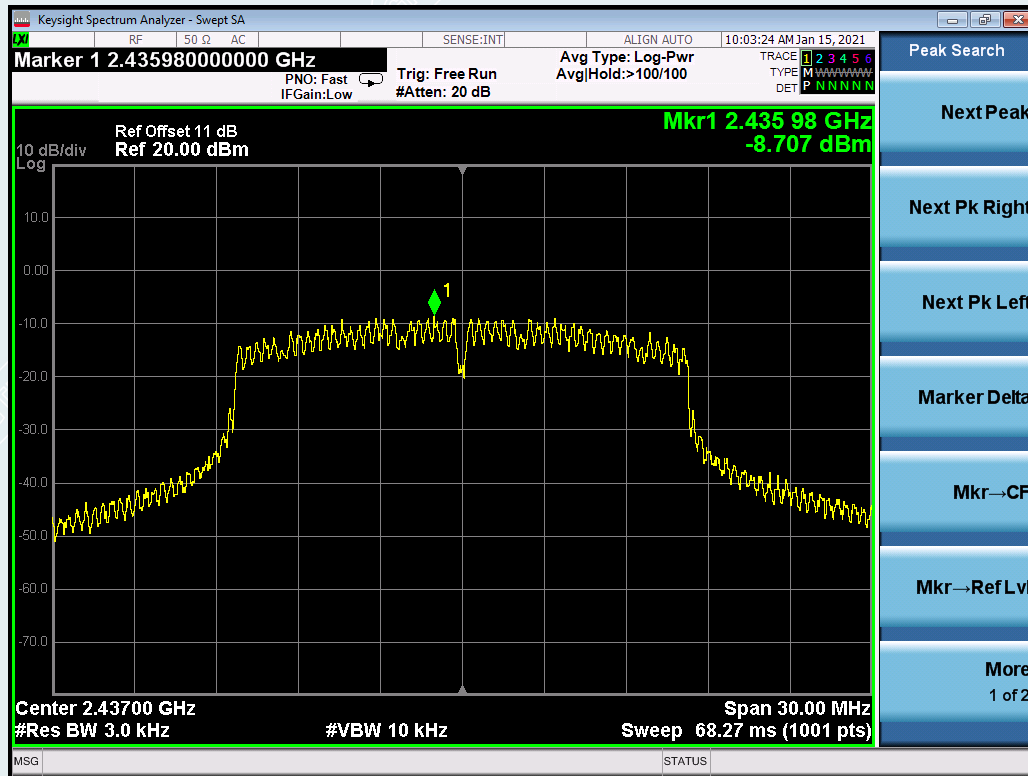
802.11b mode:
Channel 2462MHz



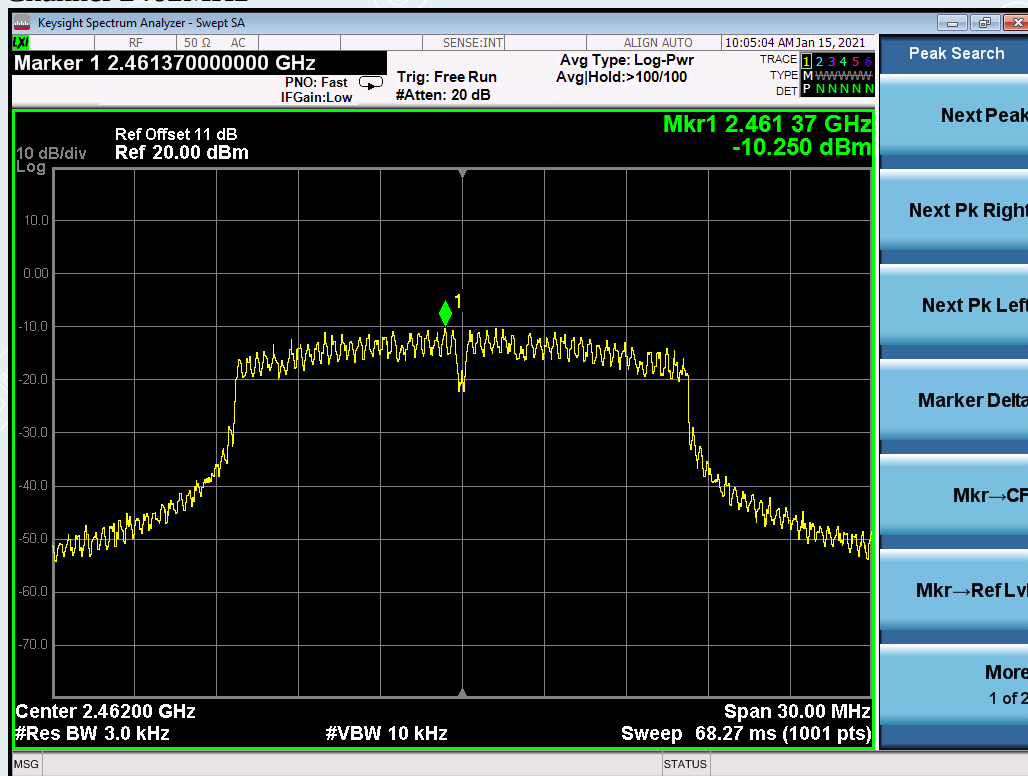
802.11g mode:
Channel 2412MHz



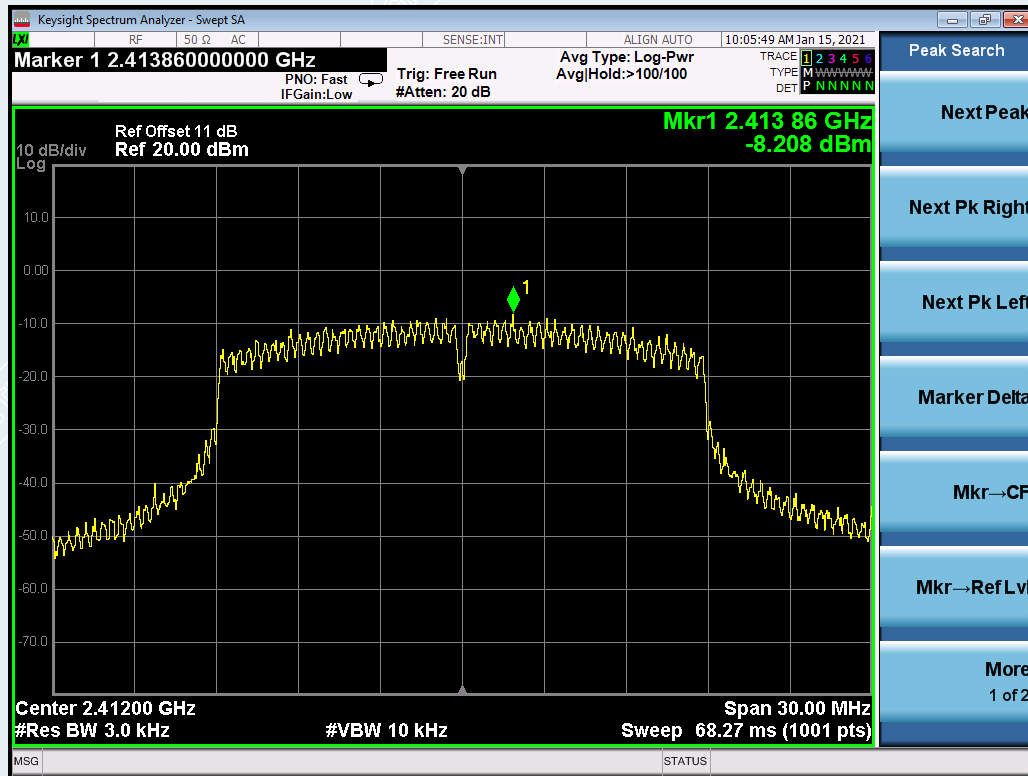
802.11g mode:
Channel 2437MHz



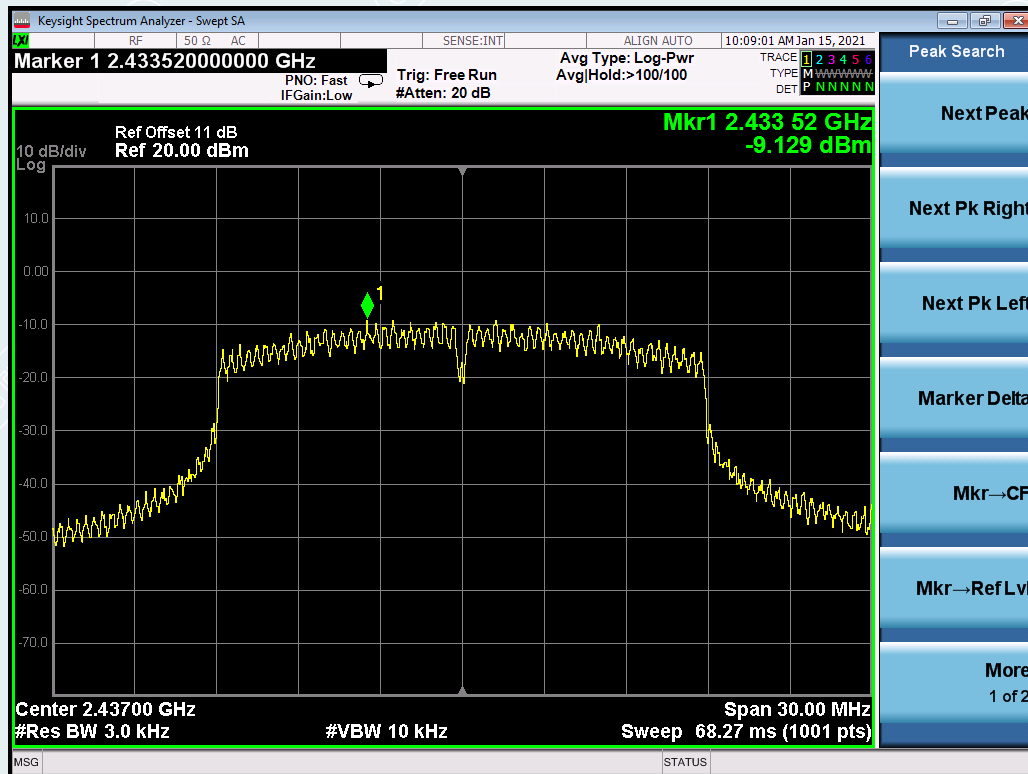
802.11g mode:
Channel 2462MHz



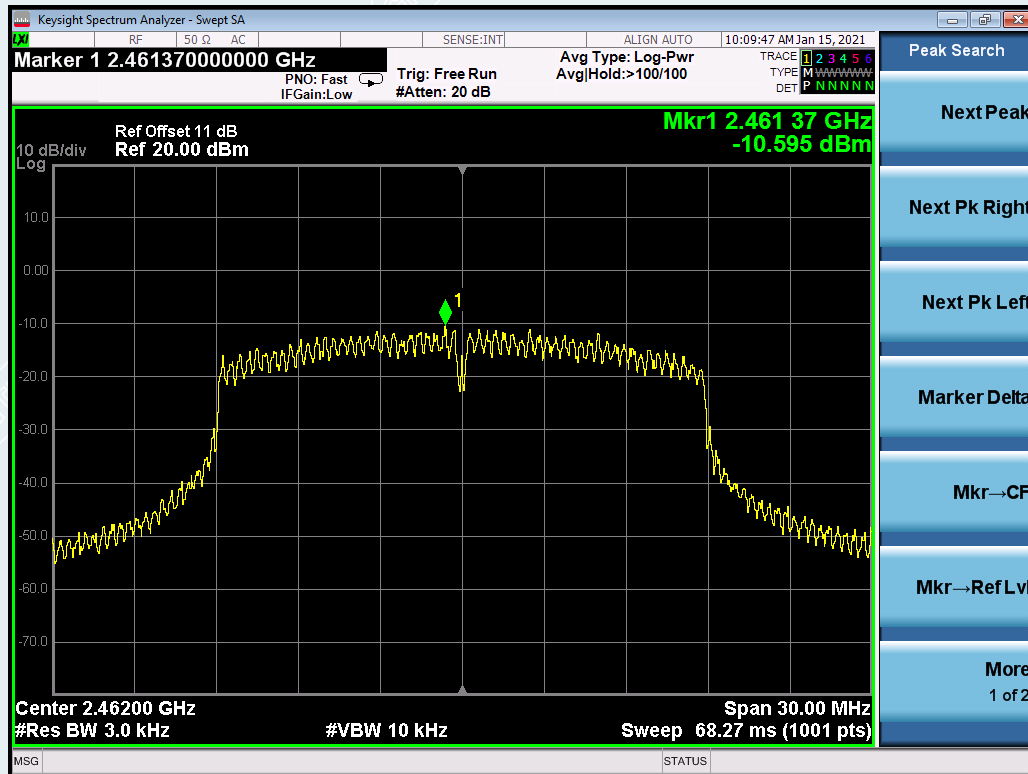
802.11n HT20 mode:
Channel 2412MHz



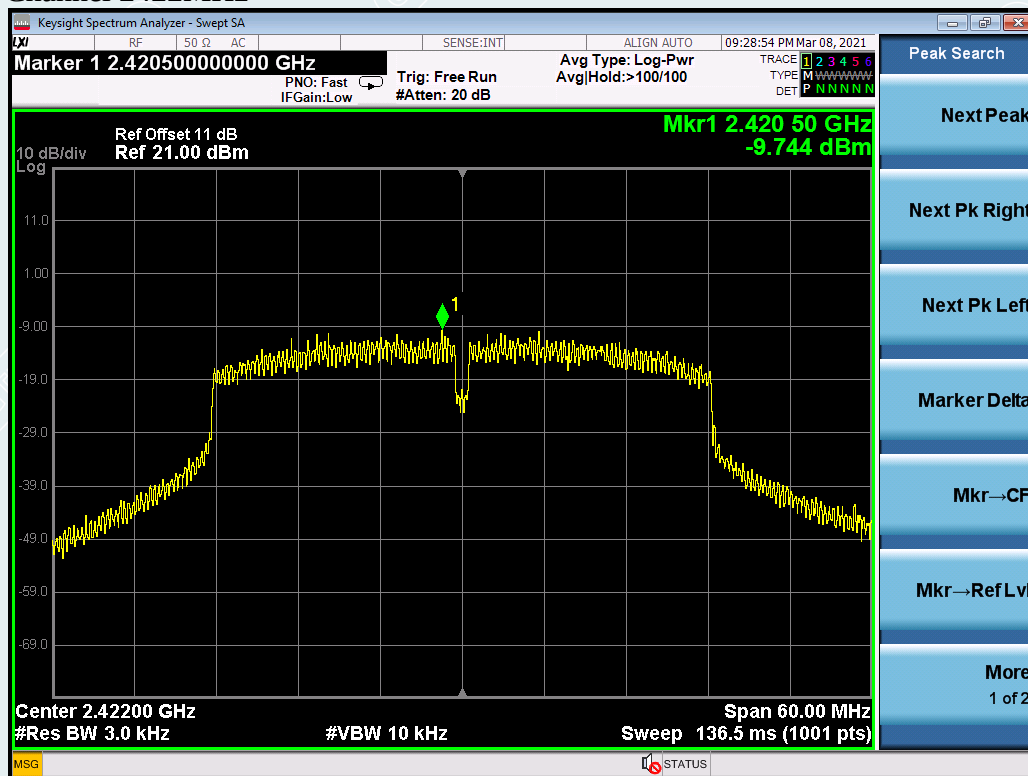
802.11n HT20 mode:
Channel 2437MHz



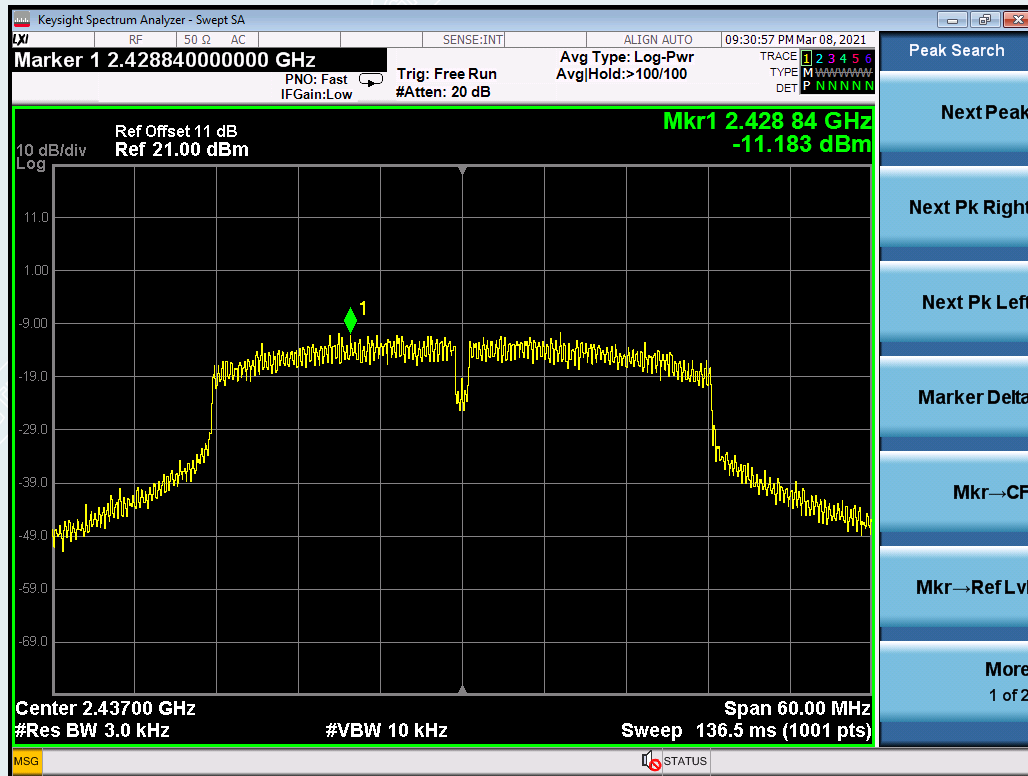
802.11n HT20 mode:
Channel 2462MHz



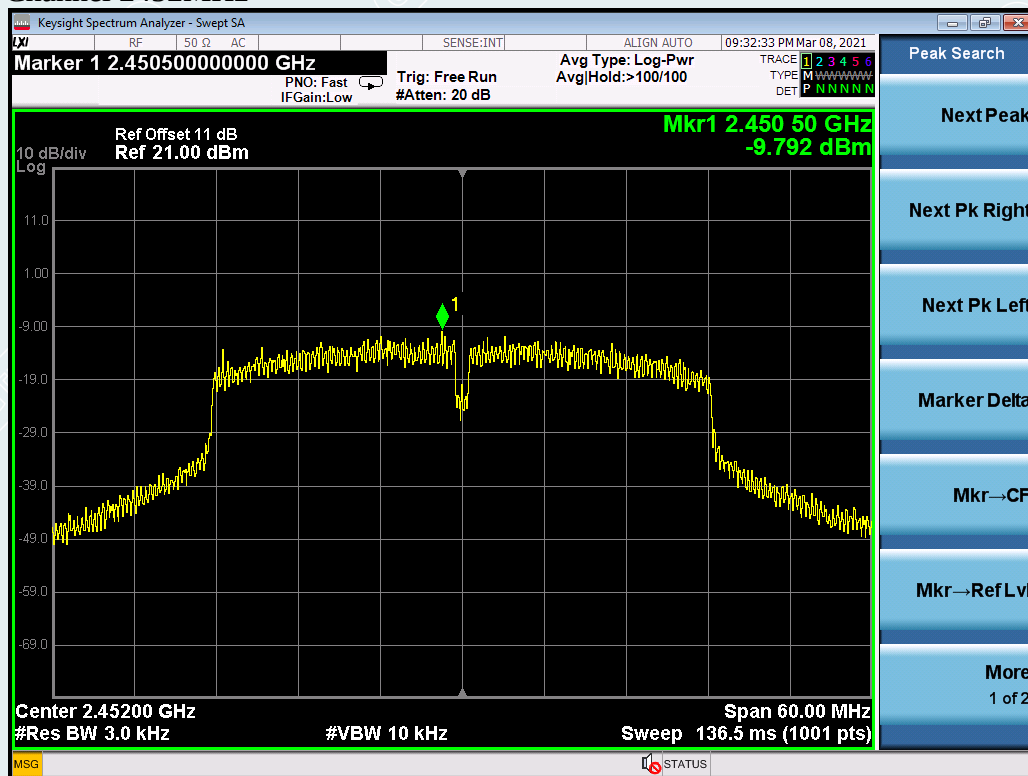
802.11n HT40 mode:
Channel 2422MHz



802.11n HT40 mode:
Channel 2437MHz



802.11n HT40 mode:
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 = 100KHz; VBW = 300KHz, Span = 30MHz to 26.5GHz; 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

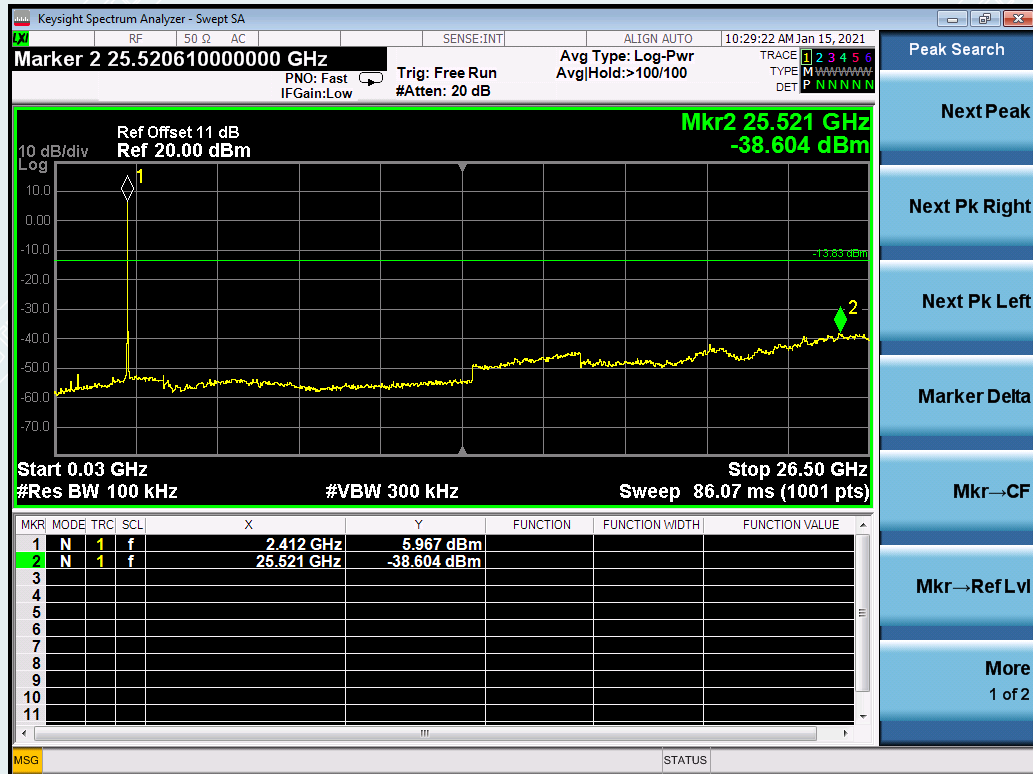


10.4. TEST RESULTS

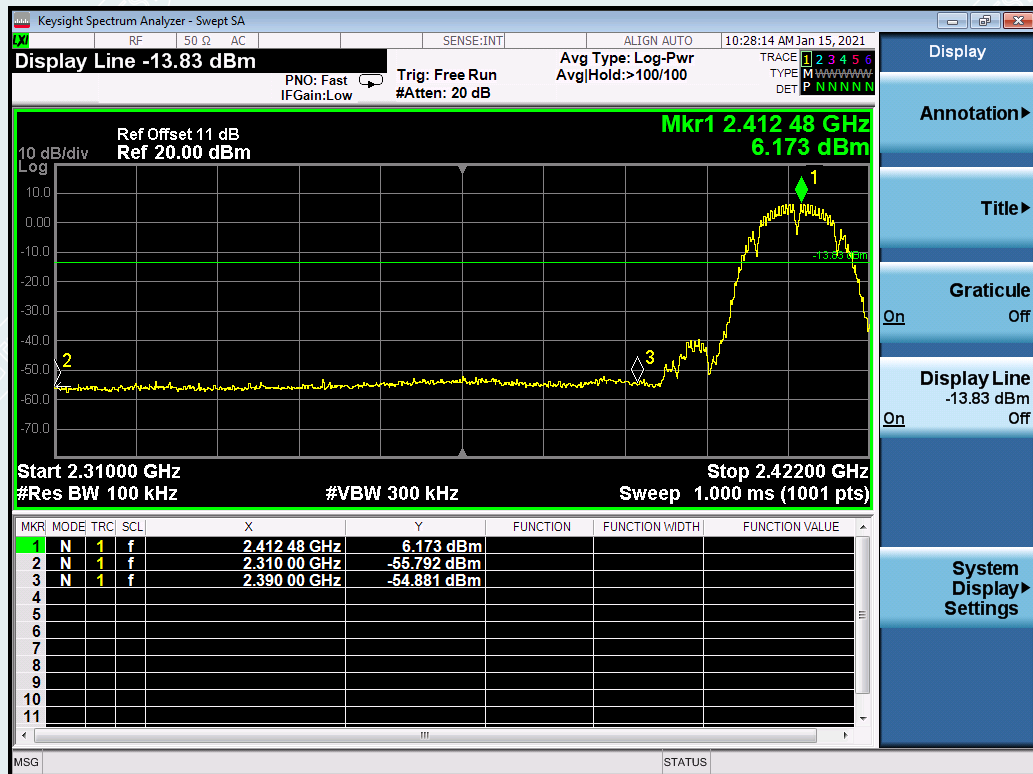
802.11b mode:

Channel 2412MHz

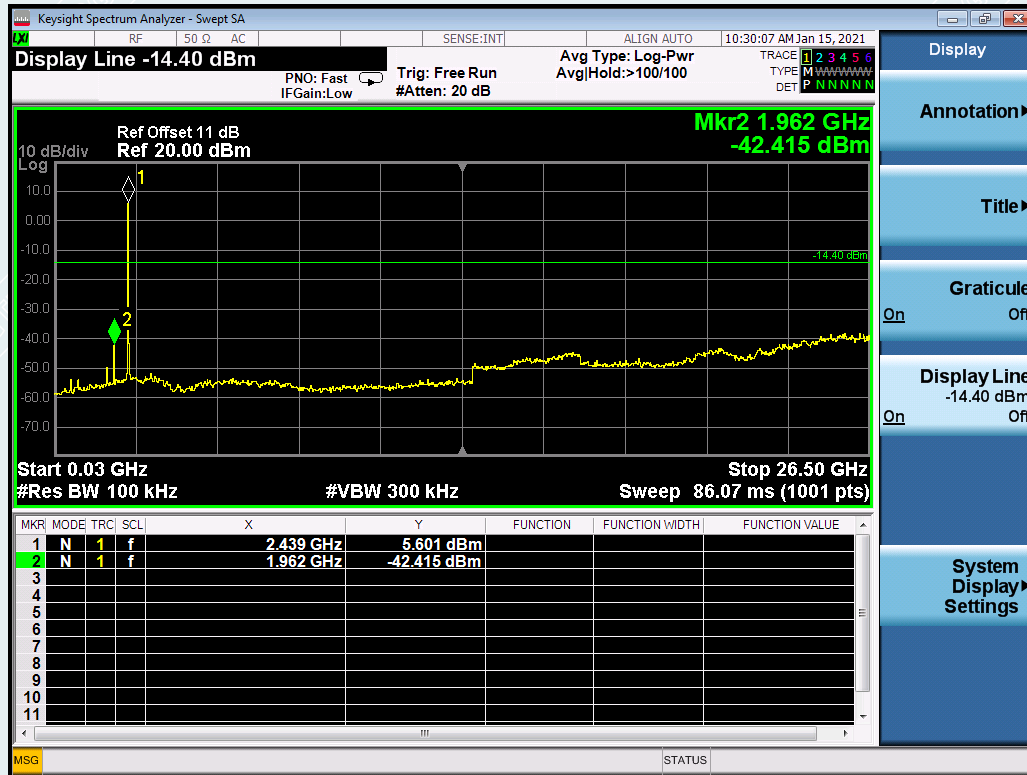
0.03GHz-26.5GHz



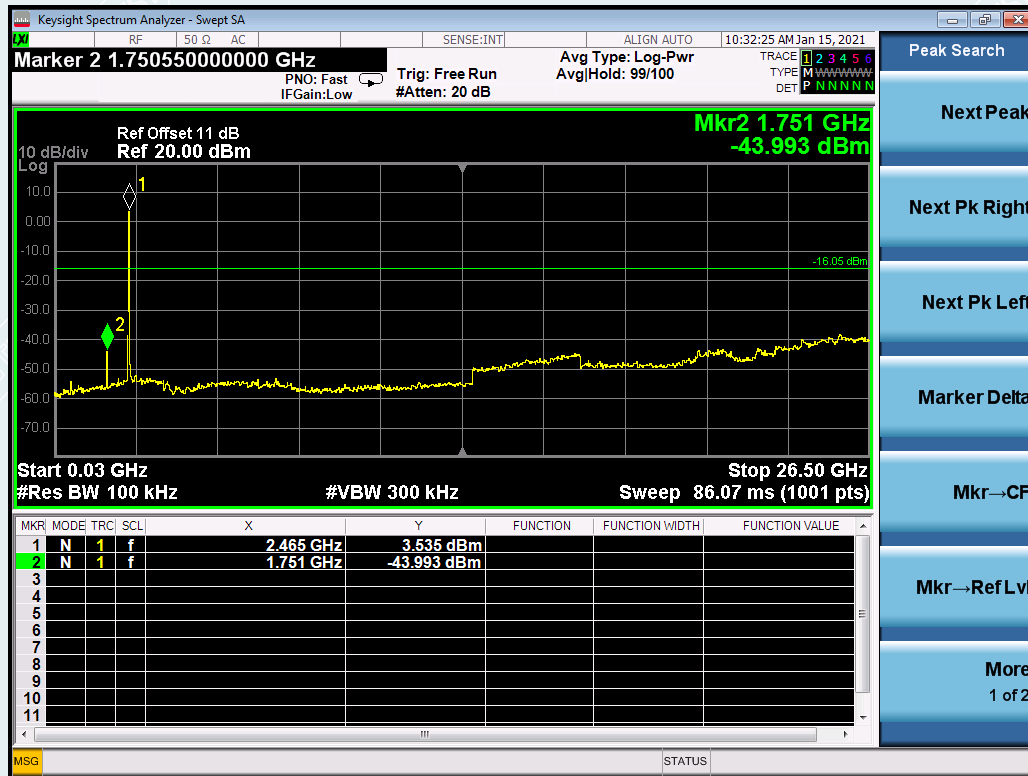
2.31GHz-2.422GHz



802.11b mode:
Channel 2437MHz
0.03GHz-26.5GHz



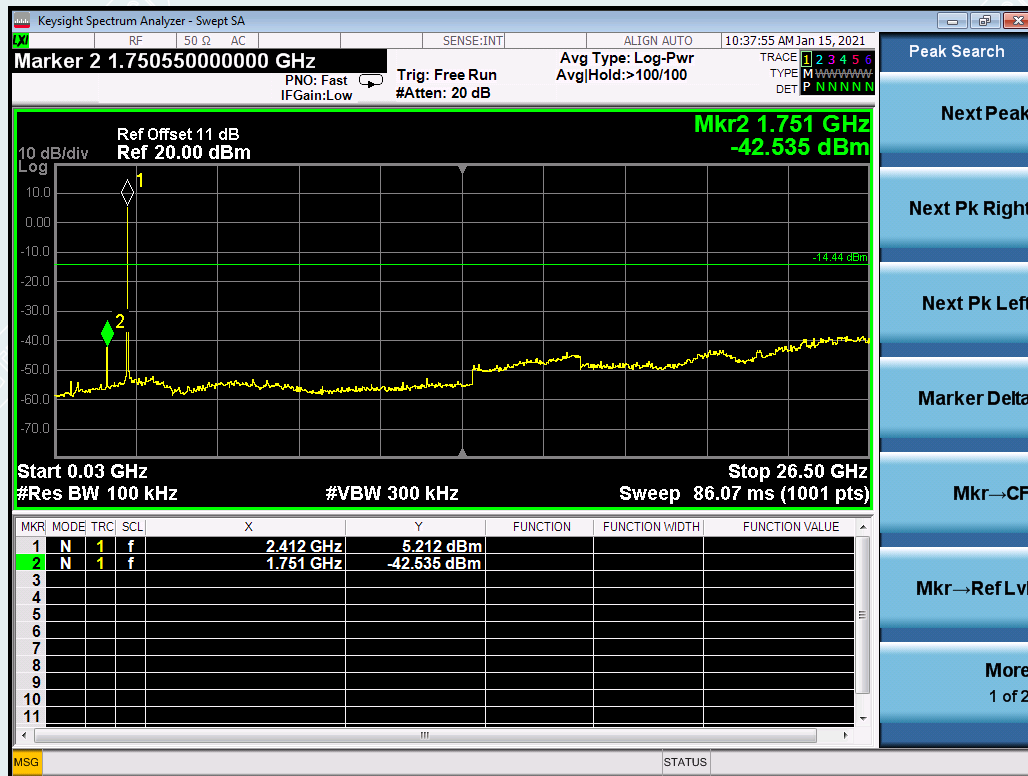
802.11b mode:
Channel 2462MHz
0.03GHz-26.5GHz



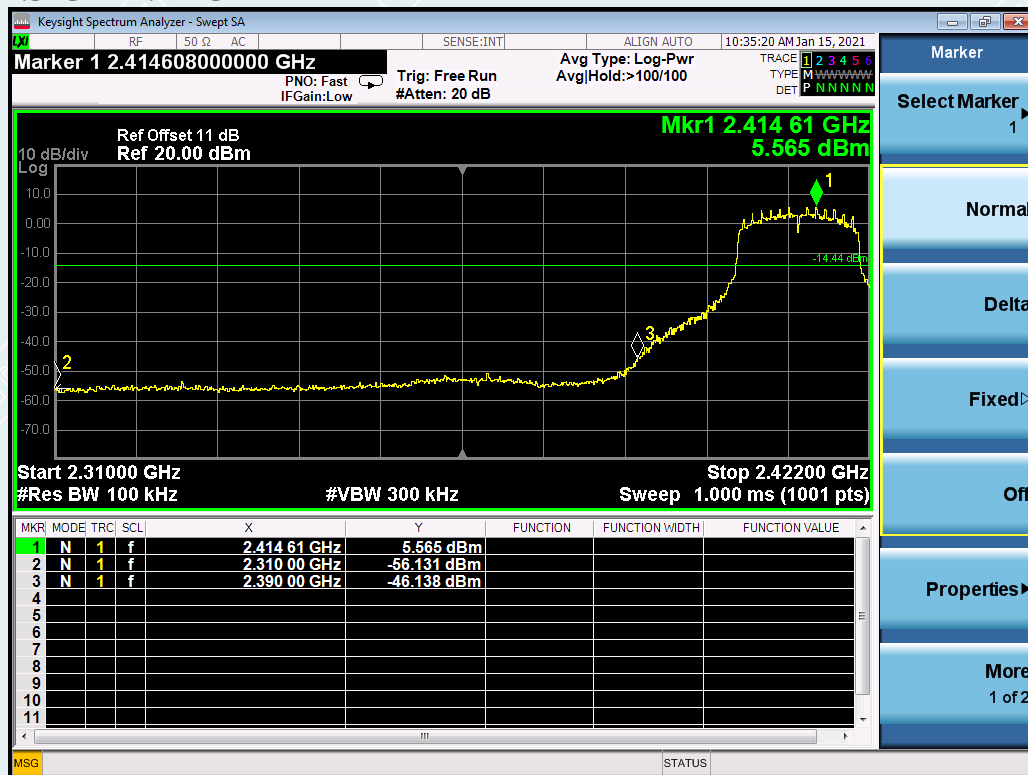
2.452GHz-2.5GHz



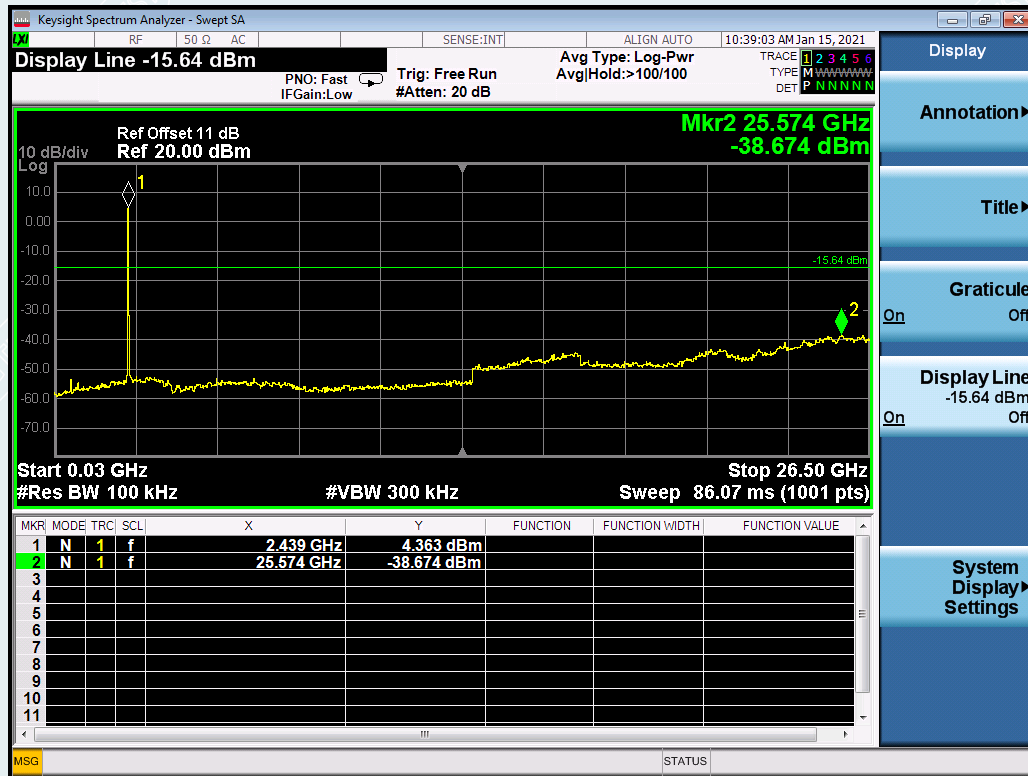
802.11g mode:
Channel 2412MHz
0.03GHz-26.5GHz



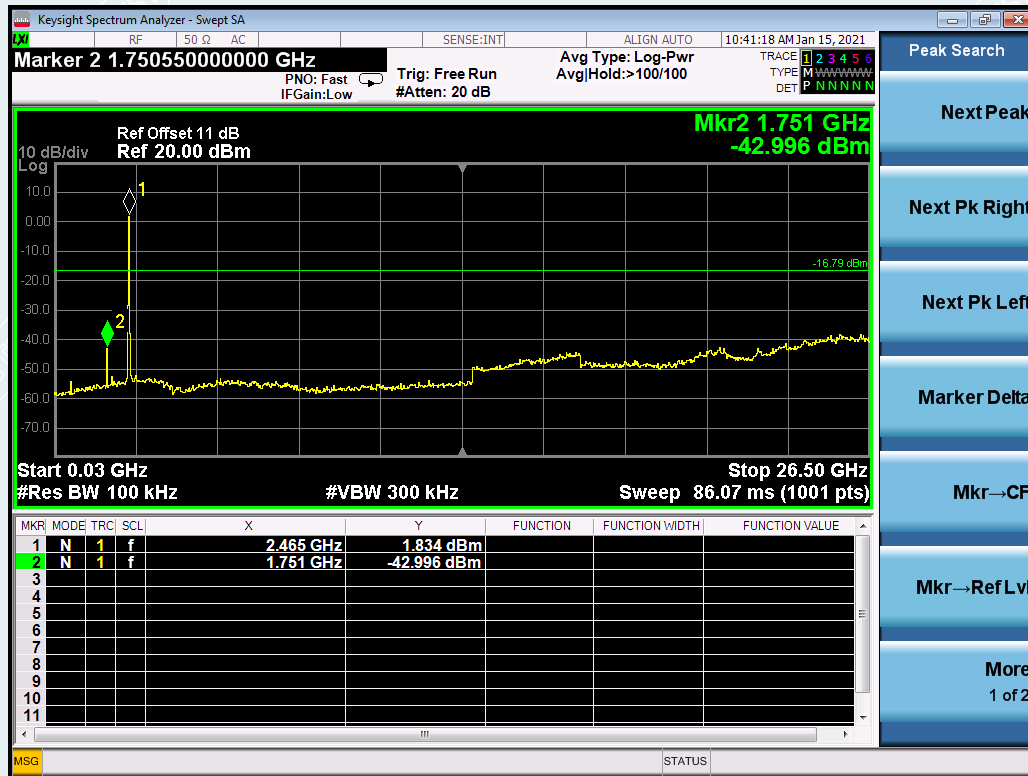
2.31GHz-2.422GHz



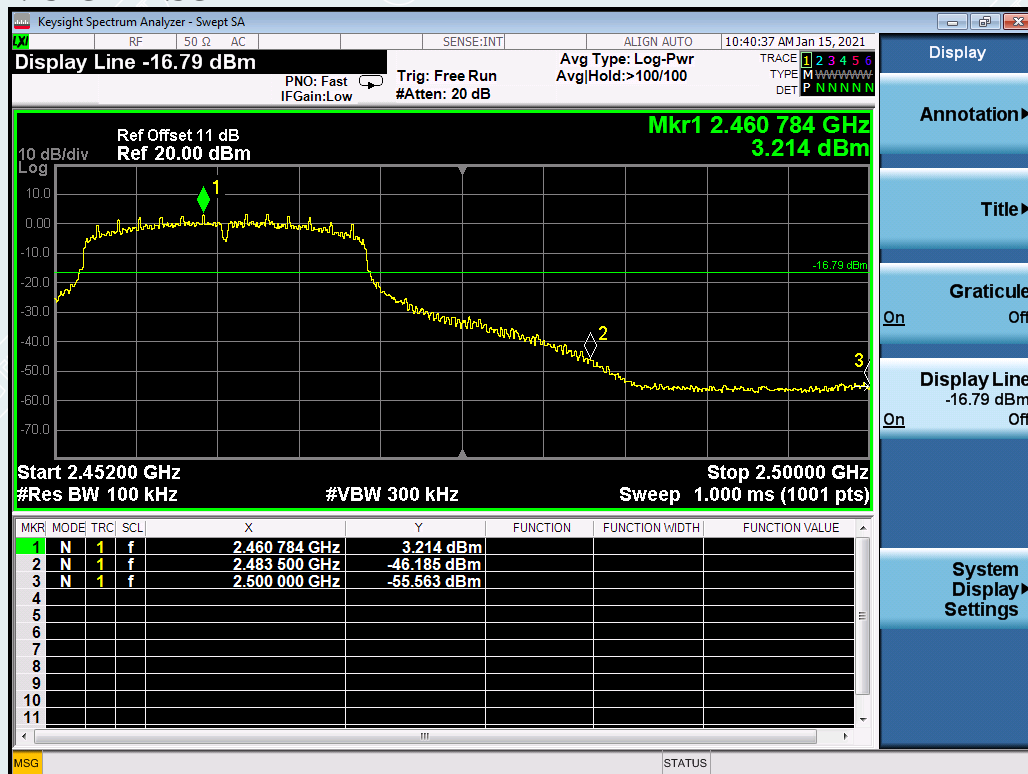
802.11g mode:
Channel 2437MHz
0.03GHz-26.5GHz



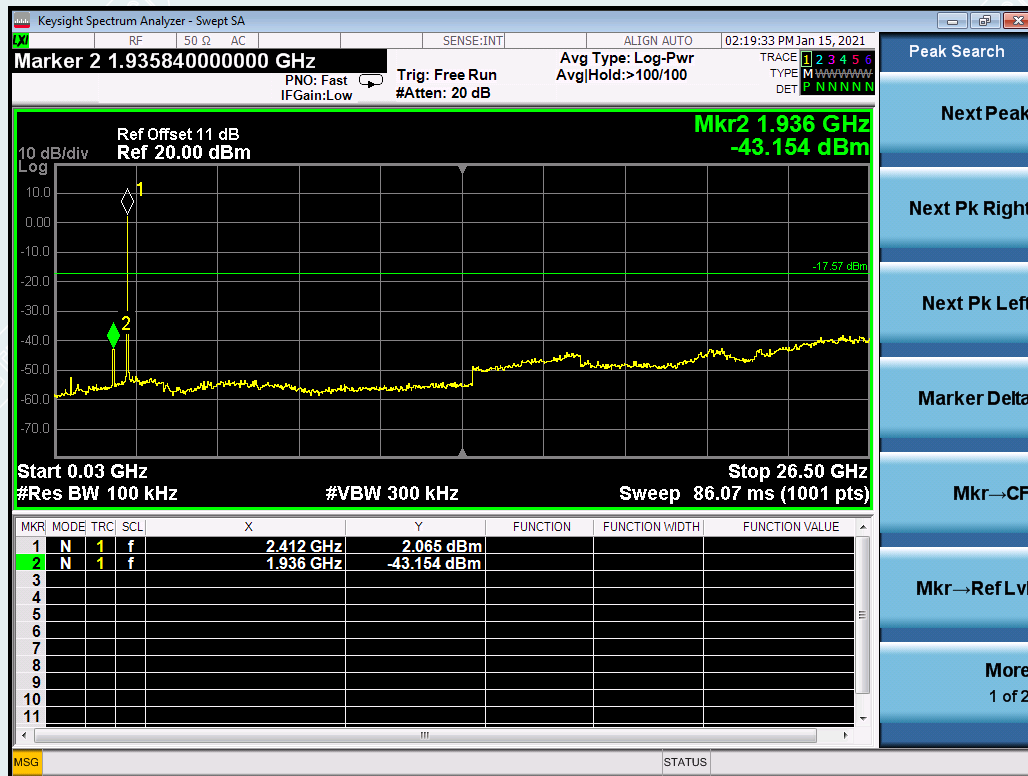
802.11g mode:
Channel 2462MHz
0.03GHz-26.5GHz



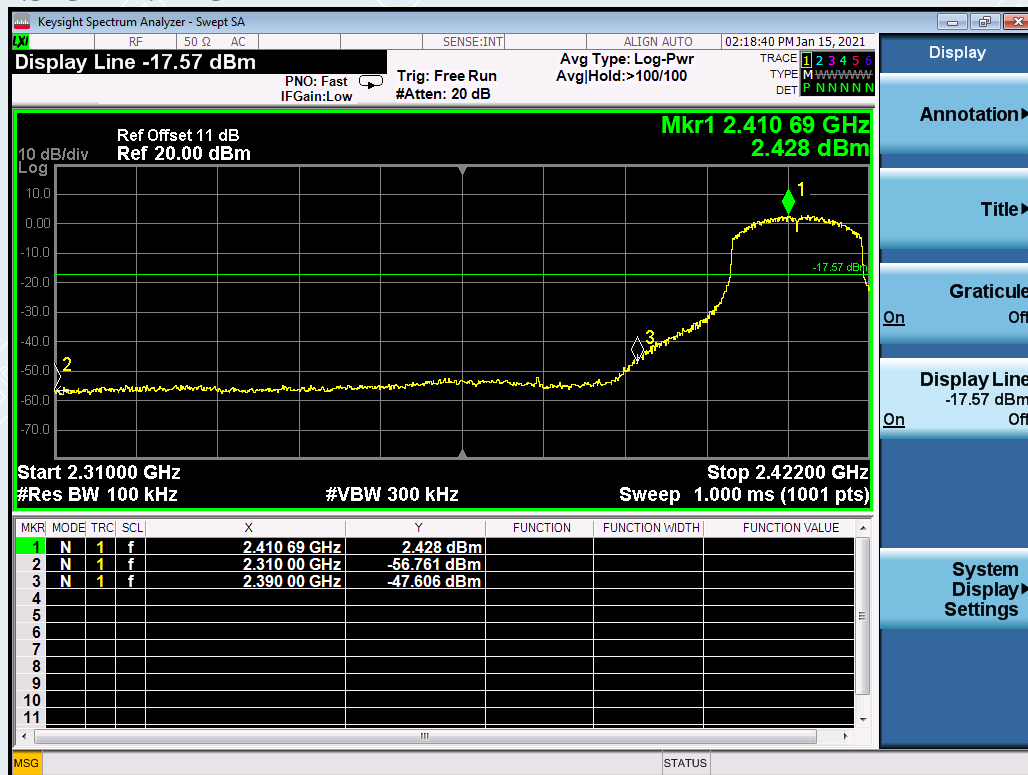
2.452GHz-2.5GHz



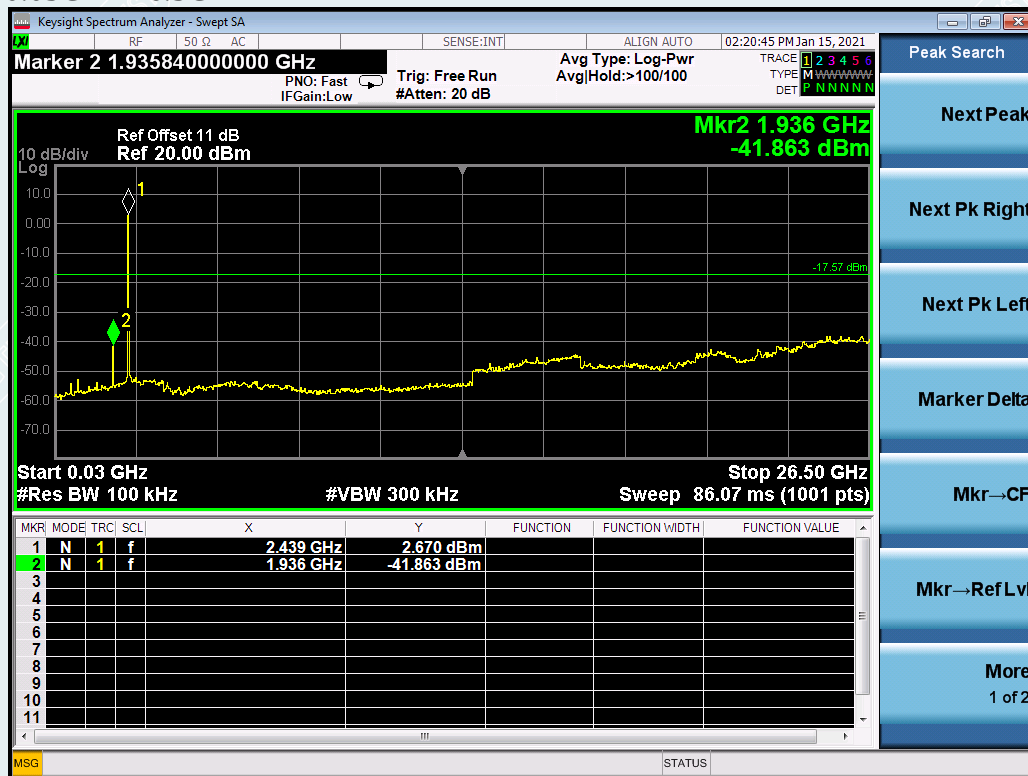
802.11n HT20 mode:
Channel 2412MHz
0.03GHz-26.5GHz



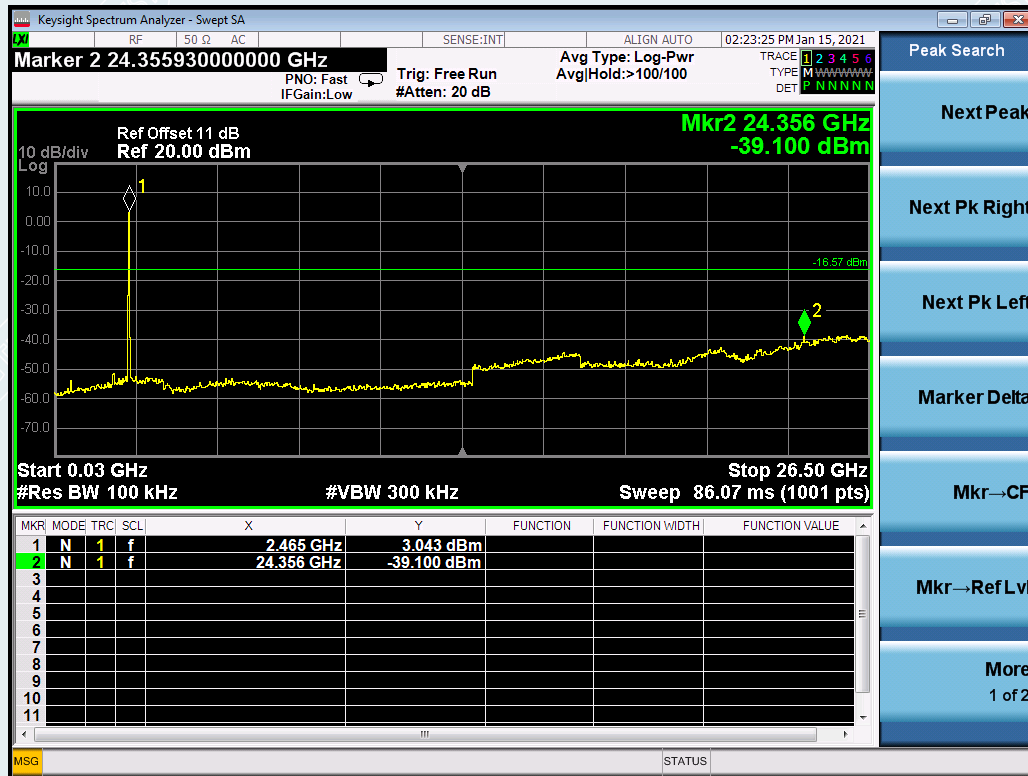
2.31GHz-2.422GHz



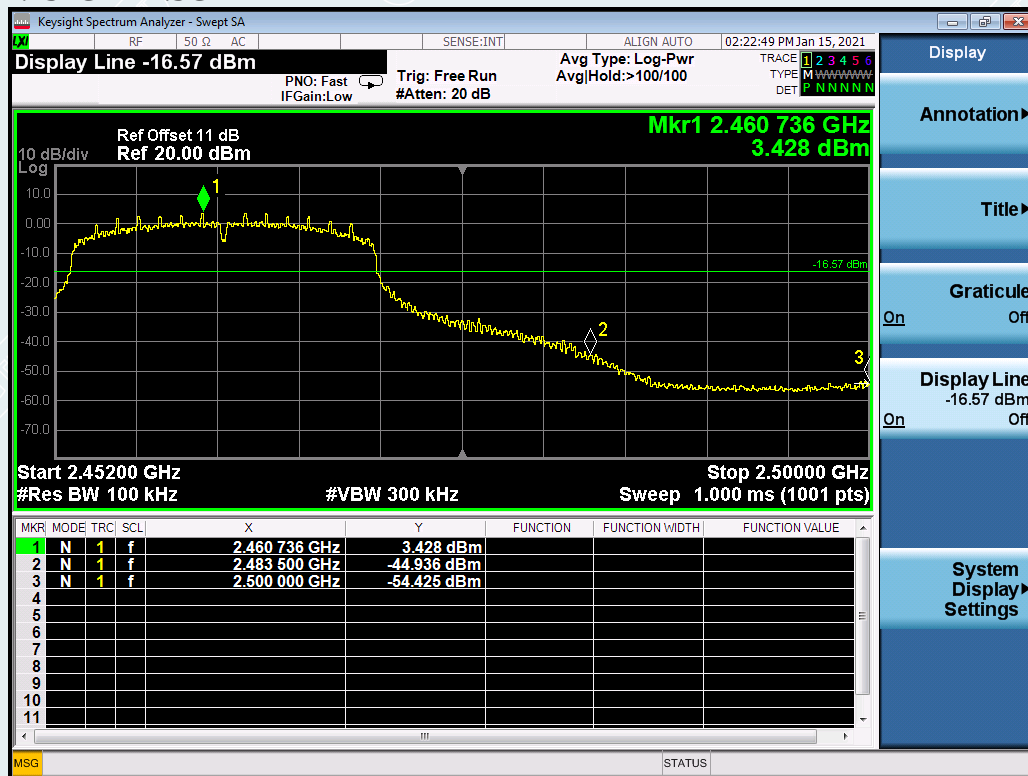
802.11n HT20 mode:
Channel 2437MHz
0.03GHz-26.5GHz



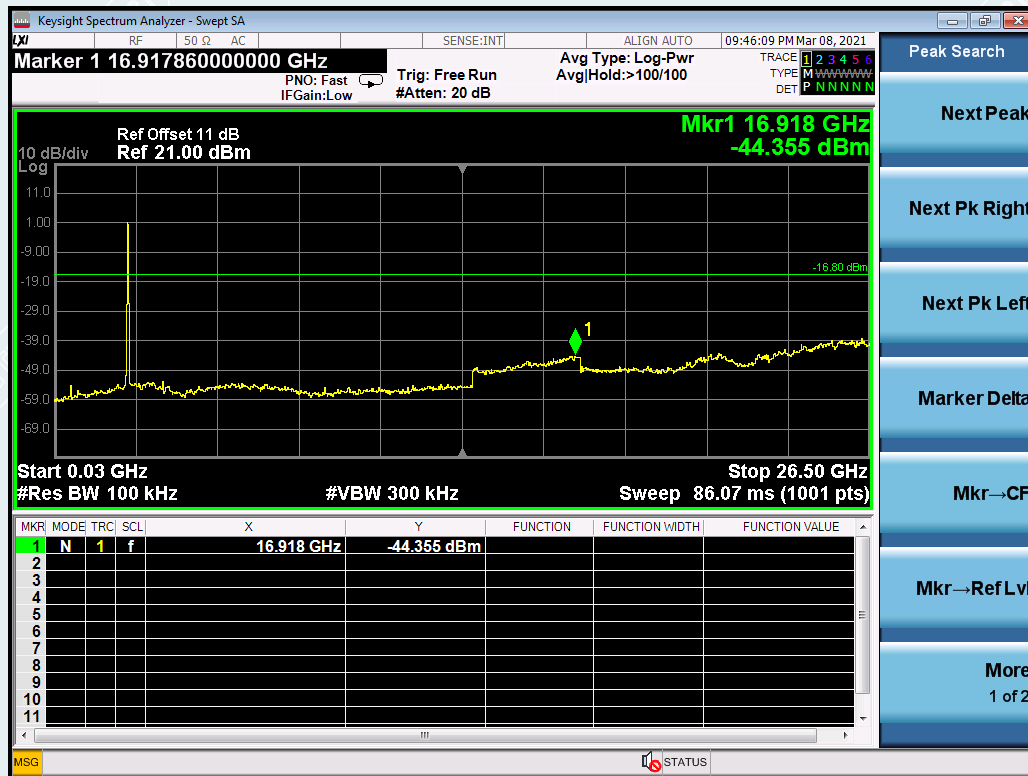
802.11n HT20 mode:
Channel 2462MHz
0.03GHz-26.5GHz



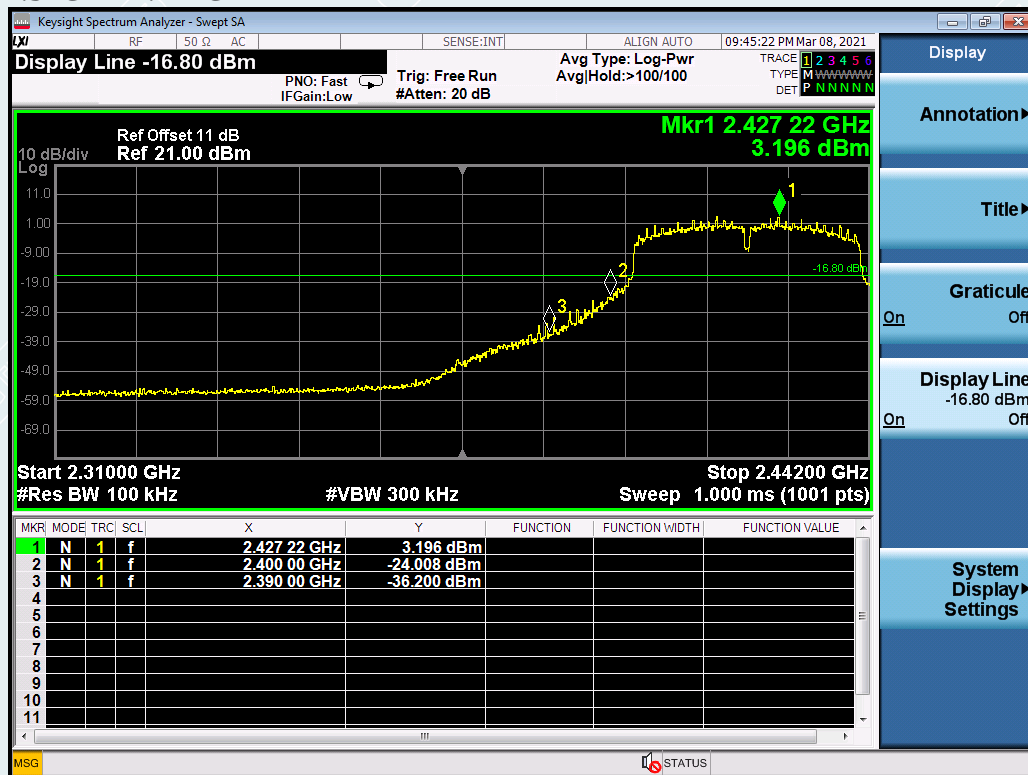
2.452GHz-2.5GHz



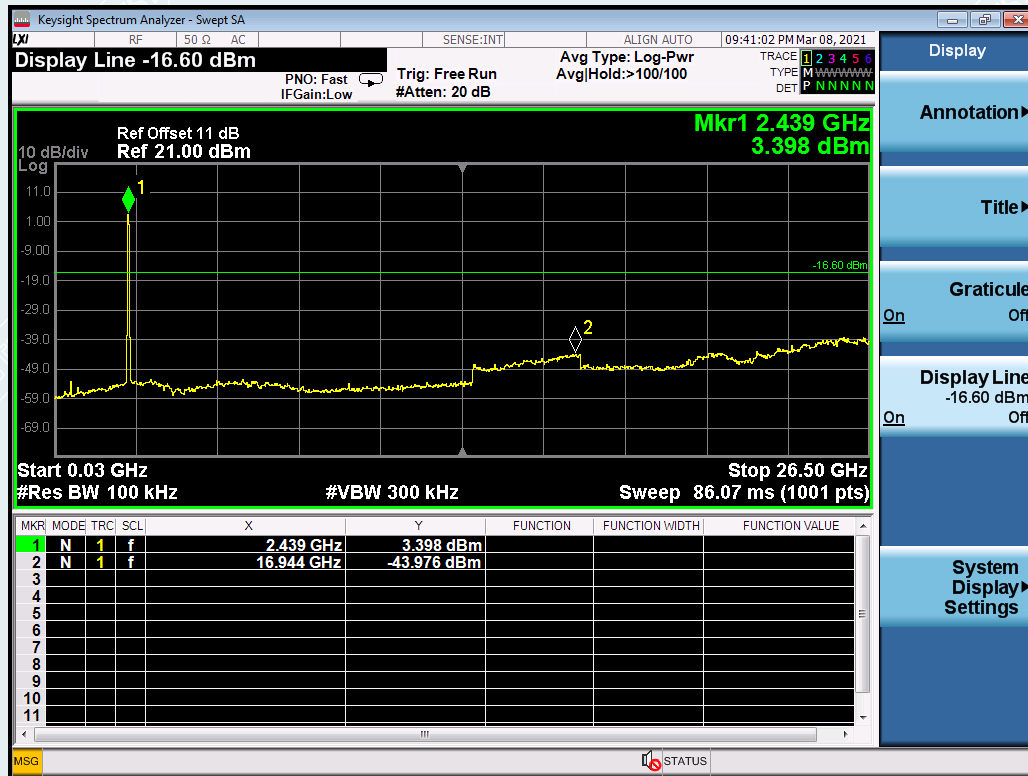
802.11n HT40 mode:
Channel 2422MHz
0.03GHz-26.5GHz



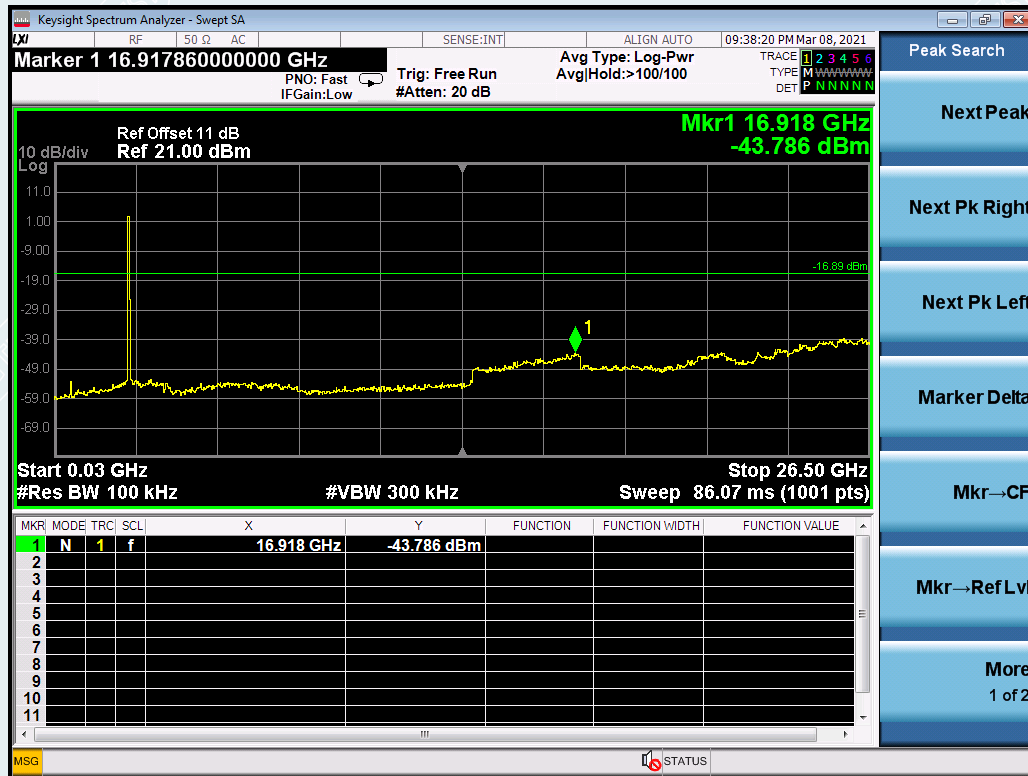
2.31GHz-2.442GHz



802.11n HT40 mode:
Channel 2437MHz
0.03GHz-26.5GHz



802.11n HT40 mode:
Channel 2452MHz
0.03GHz-26.5GHz



2.432GHz-2.5GHz



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)).

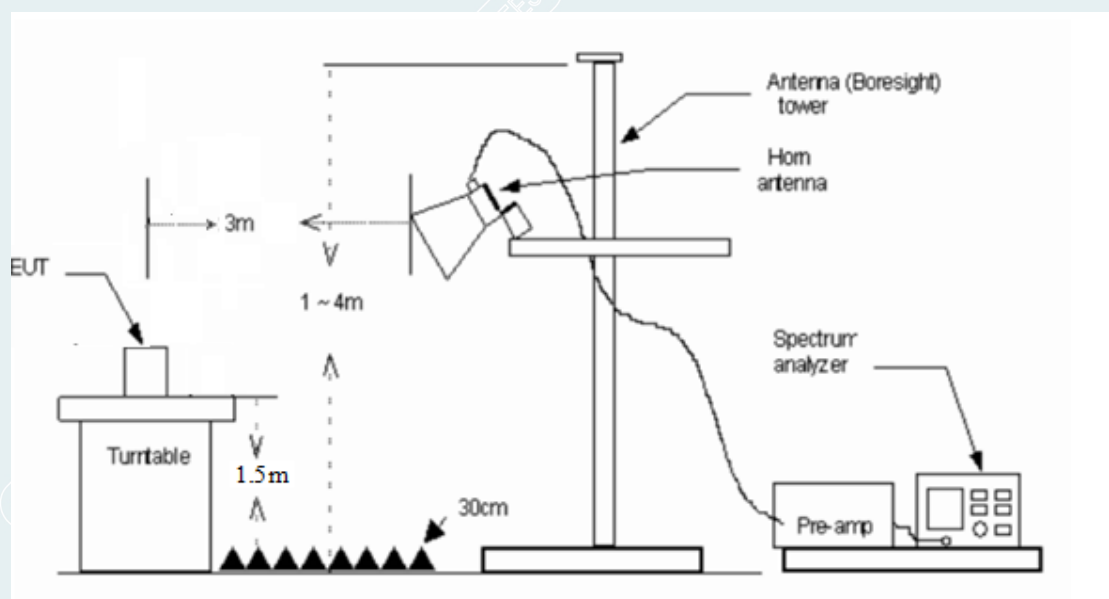
MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 -	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.69525	960 - 1240	7.25 - 7.75
4.125 - 4.128	16.80425 -	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	16.80475	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	25.5 - 25.67	1645.5 - 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

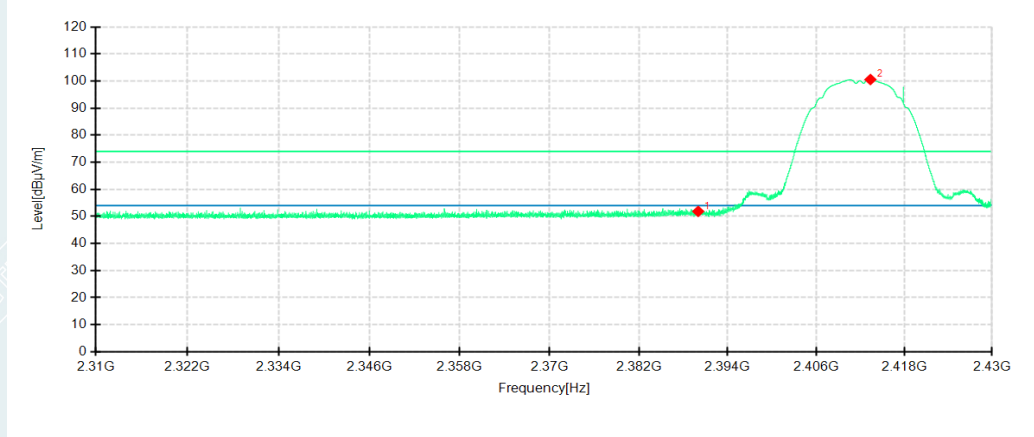
802.11b mode

Lowest Channel

Channel 2412MHz

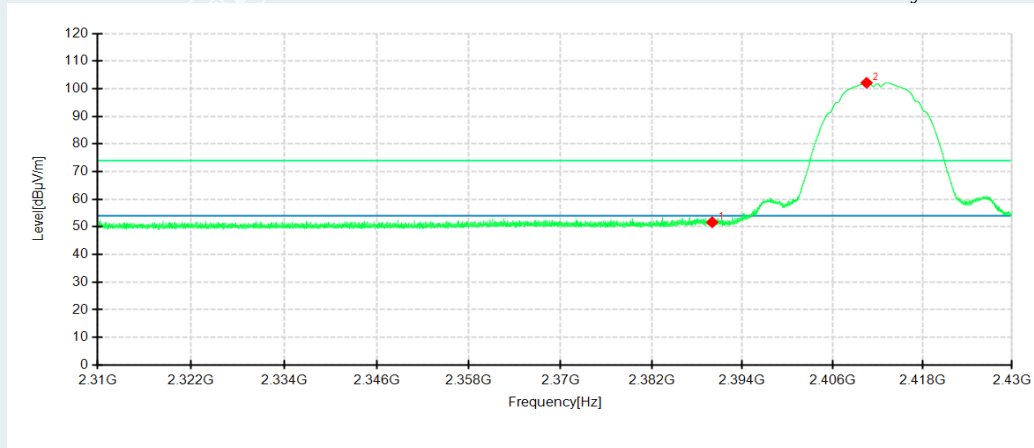
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



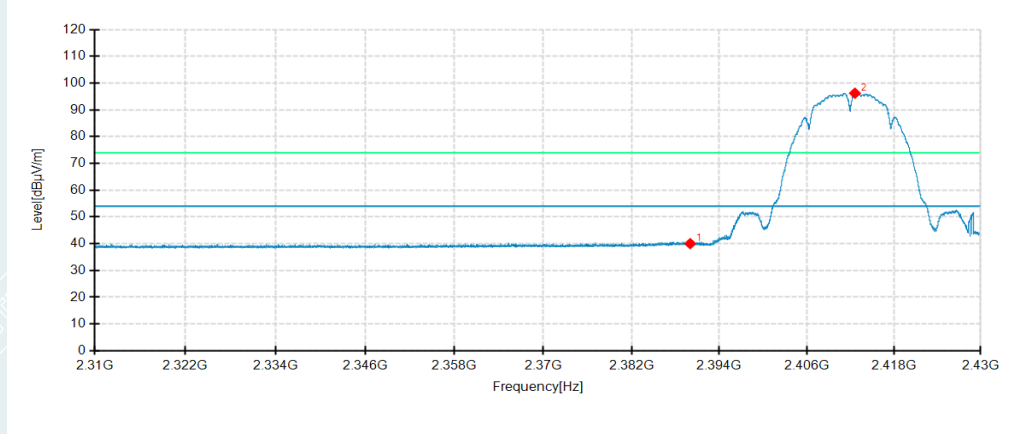
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2390.0040	48.67	51.86	3.19	74.00	22.14	100	168	Horizontal	/
2	2413.3800	97.16	100.55	3.39	74.00	-26.55	100	145	Horizontal	No limit
1	2390.0040	48.48	51.67	3.19	74.00	22.33	200	243	Vertical	/
2	2410.5360	98.75	102.13	3.38	74.00	-28.13	200	147	Vertical	No limit

802.11b mode**Lowest Channel**

Channel 2412MHz

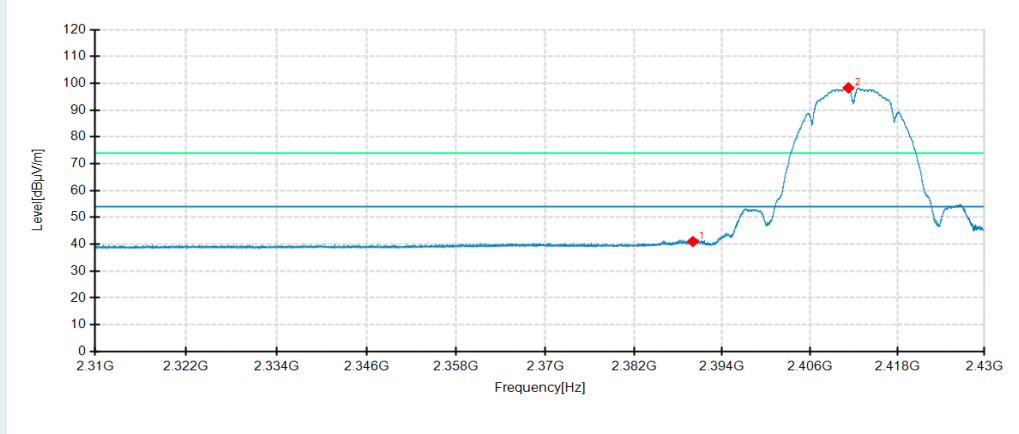
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



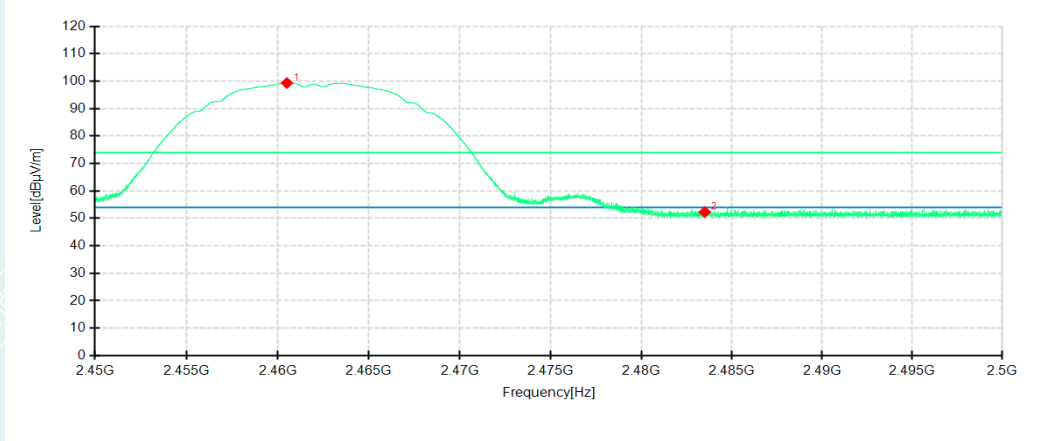
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2390.0040	36.84	40.03	3.19	54.00	13.97	100	55	Horizontal	/
2	2412.6240	92.82	96.20	3.38	54.00	-42.20	100	147	Horizontal	No limit
1	2390.0040	37.83	41.02	3.19	54.00	12.98	200	206	Vertical	/
2	2411.2800	94.89	98.27	3.38	54.00	-44.27	200	154	Vertical	No limit

802.11b mode**Highest Channel**

Channel 2462MHz

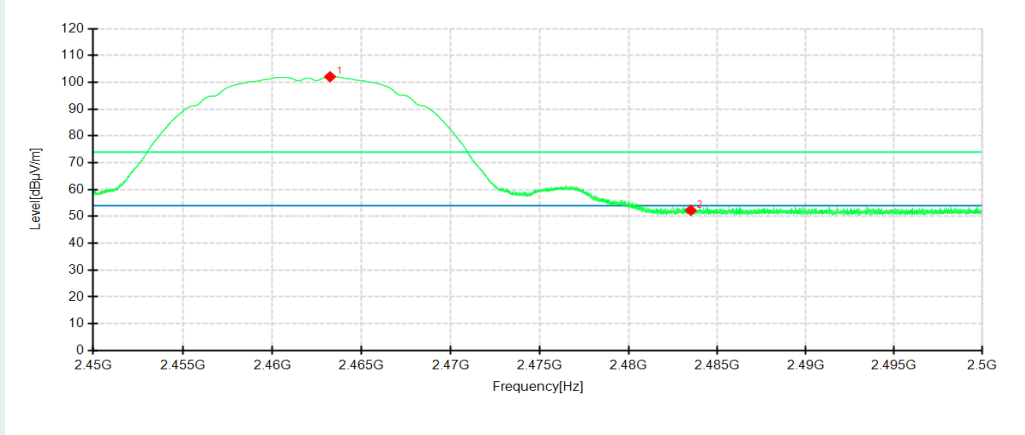
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



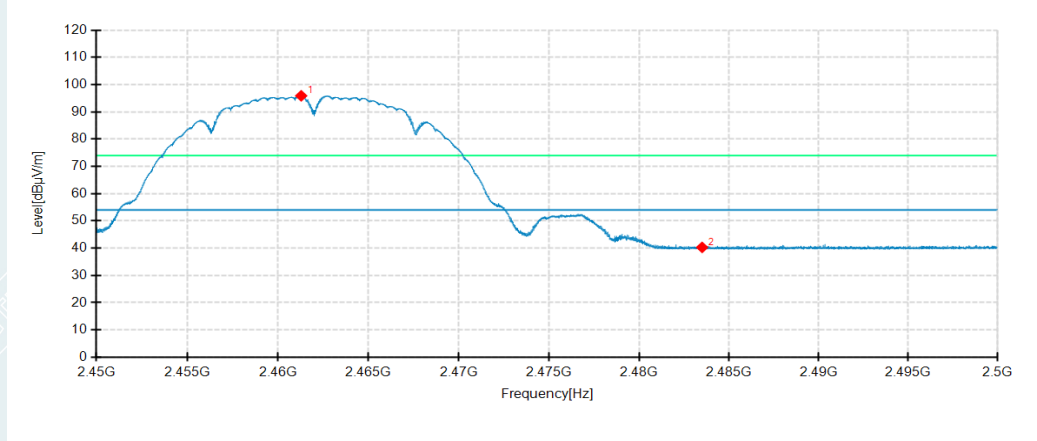
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2460.5000	95.79	99.31	3.52	74.00	-25.31	200	107	Horizontal	No limit
2	2483.5000	48.76	52.32	3.56	74.00	21.68	200	181	Horizontal	/
1	2463.2300	98.52	102.05	3.53	74.00	-28.05	100	101	Vertical	No limit
2	2483.5000	48.71	52.27	3.56	74.00	21.73	100	56	Vertical	/

802.11b mode**Highest Channel**

Channel 2462MHz

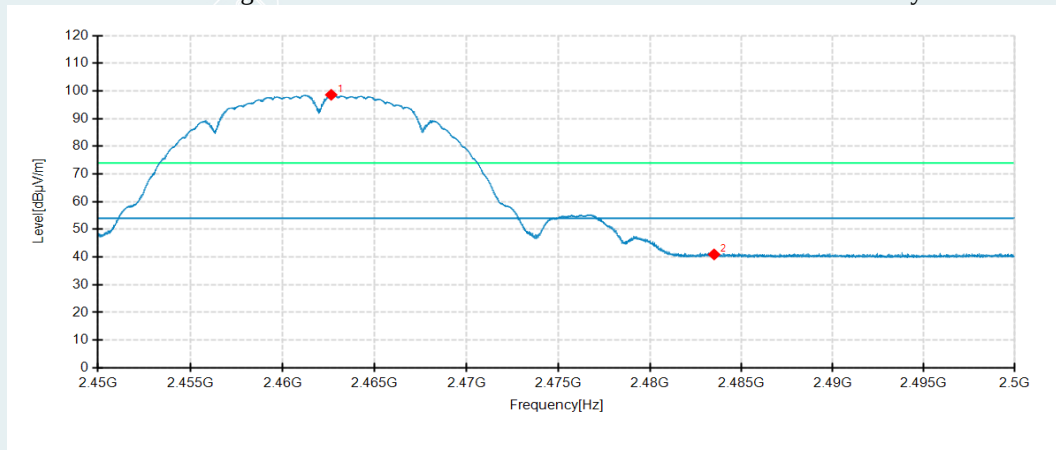
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



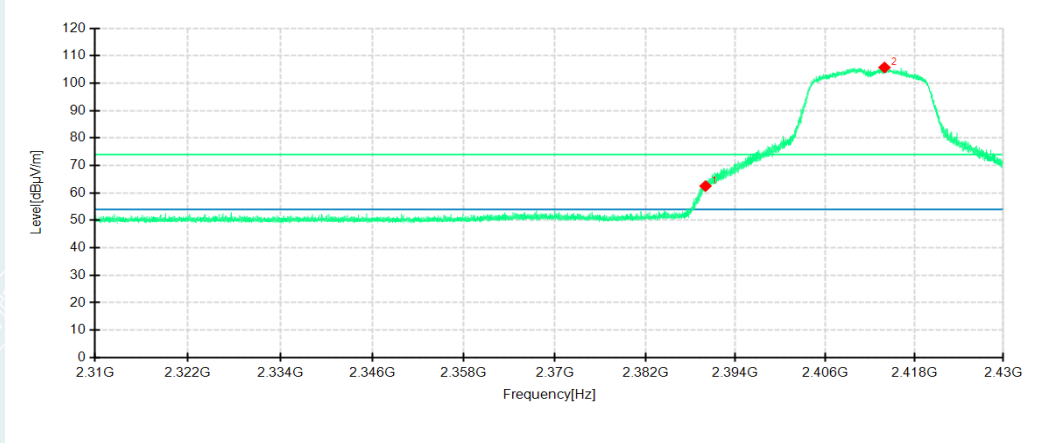
No.	Frequency MHz	Reading dBμV/m	Level dBμV/ m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2461.2850	92.35	95.88	3.53	54.00	-41.88	200	107	Horizontal	No limit
2	2483.5000	36.72	40.28	3.56	54.00	13.72	200	161	Horizontal	/
1	2462.6350	95.06	98.59	3.53	54.00	-44.59	100	101	Vertical	No limit
2	2483.5000	37.39	40.95	3.56	54.00	13.05	100	79	Vertical	/

802.11g mode**Lowest Channel**

Channel 2412MHz

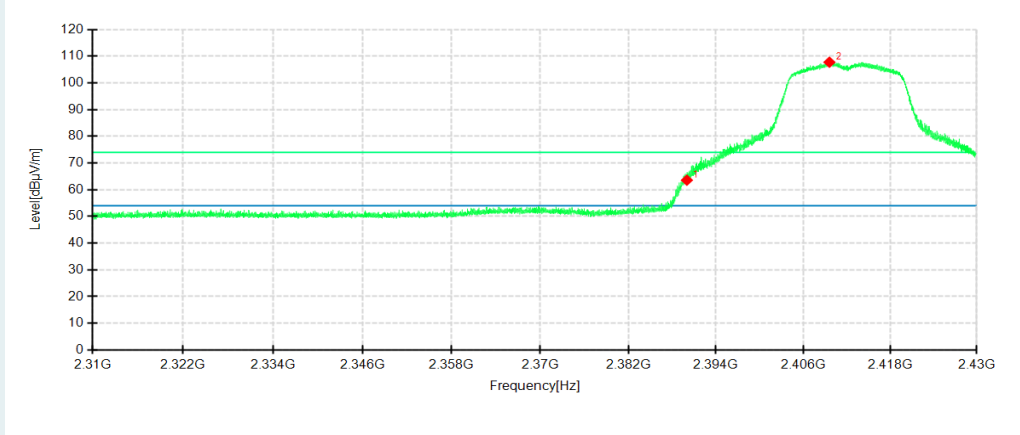
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



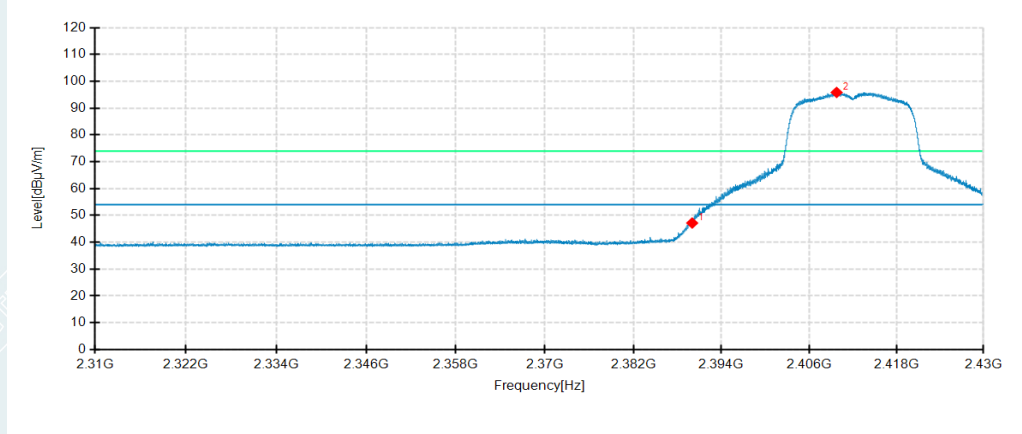
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2390.0040	59.31	62.50	3.19	74.00	11.50	200	35	Horizontal	/
2	2413.9800	102.31	105.70	3.39	74.00	-31.70	100	152	Horizontal	No limit
1	2390.0040	60.38	63.57	3.19	74.00	10.43	200	267	Vertical	/
2	2409.6000	104.37	107.74	3.37	74.00	-33.74	200	147	Vertical	No limit

802.11g mode**Lowest Channel**

Channel 2412MHz

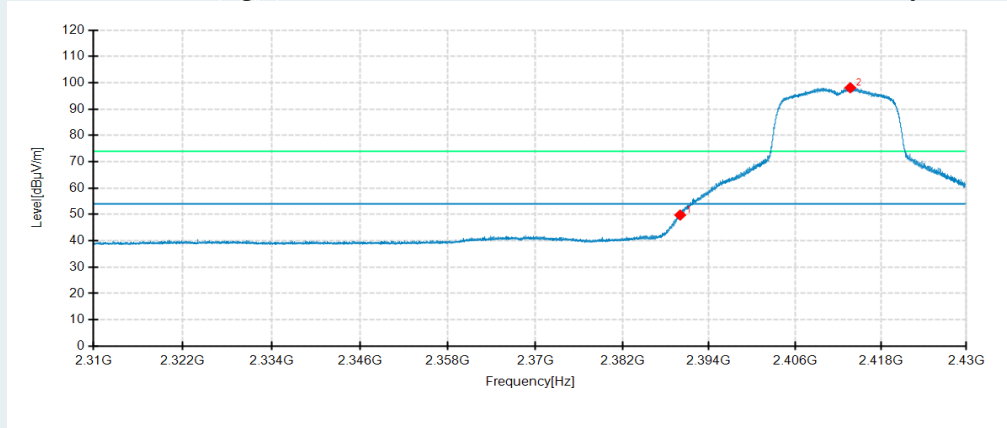
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



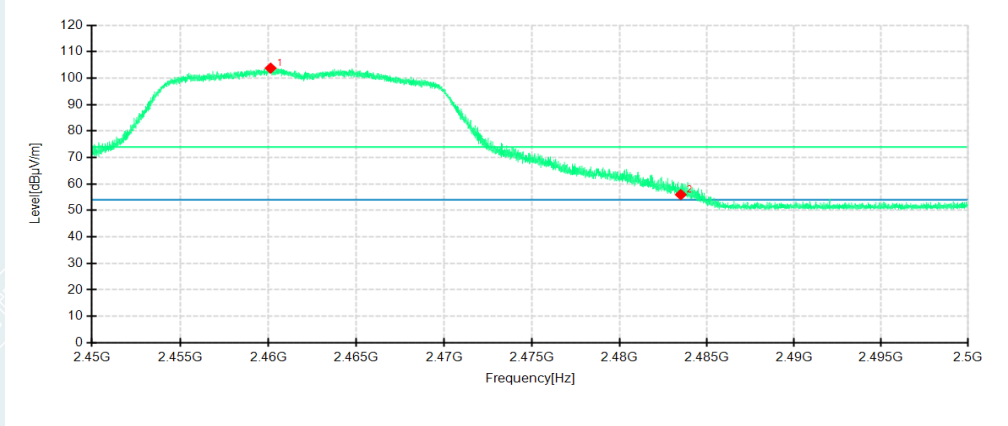
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2390.0040	43.98	47.17	3.19	54.00	6.83	100	108	Horizontal	/
2	2409.7680	92.46	95.83	3.37	54.00	-41.83	100	145	Horizontal	No limit
1	2390.0040	46.58	49.77	3.19	54.00	4.23	200	132	Vertical	/
2	2413.7040	94.70	98.09	3.39	54.00	-44.09	200	147	Vertical	No limit

802.11g mode**Highest Channel**

Channel 2462MHz

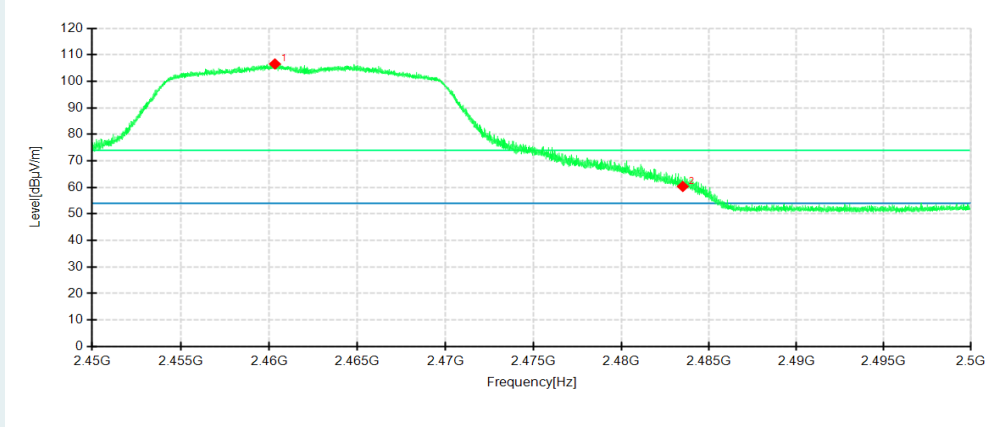
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



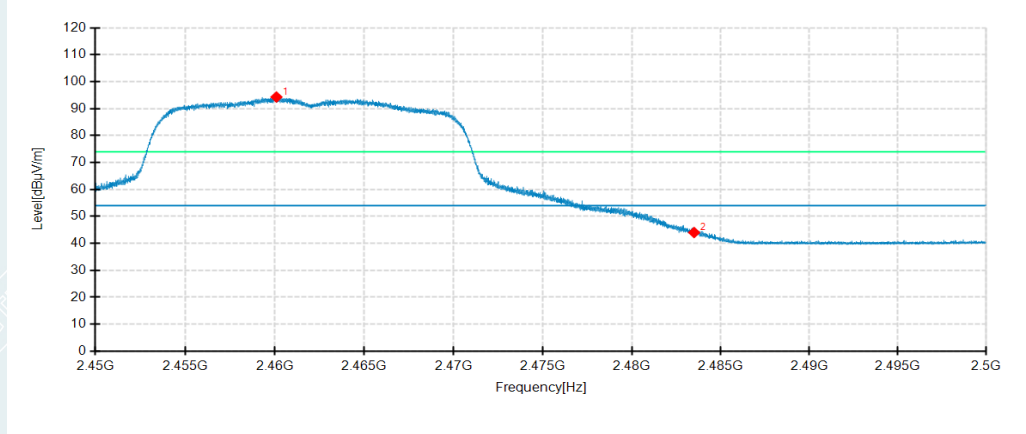
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2460.1250	100.24	103.76	3.52	74.00	-29.76	200	105	Horizontal	No limit
2	2483.5000	52.41	55.97	3.56	74.00	18.03	100	191	Horizontal	/
1	2460.3250	103.02	106.54	3.52	74.00	-32.54	100	108	Vertical	No limit
2	2483.5000	56.79	60.35	3.56	74.00	13.65	200	206	Vertical	/

802.11g mode**Highest Channel**

Channel 2462MHz

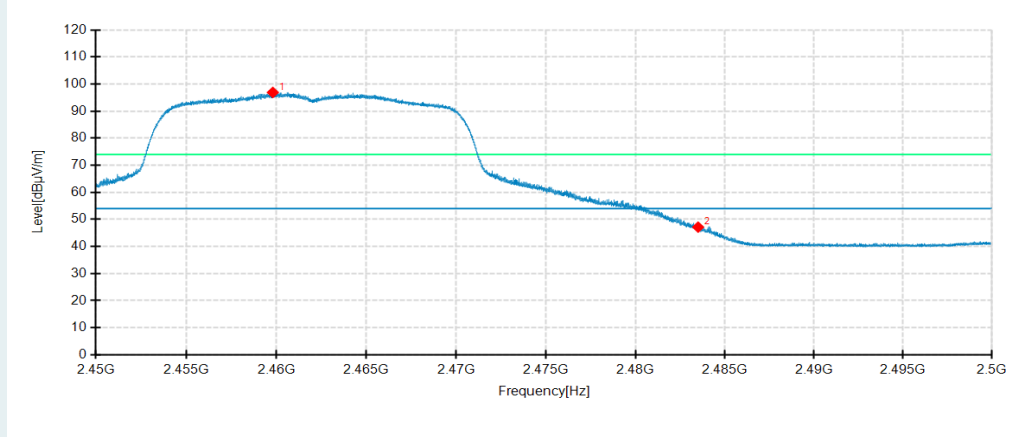
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



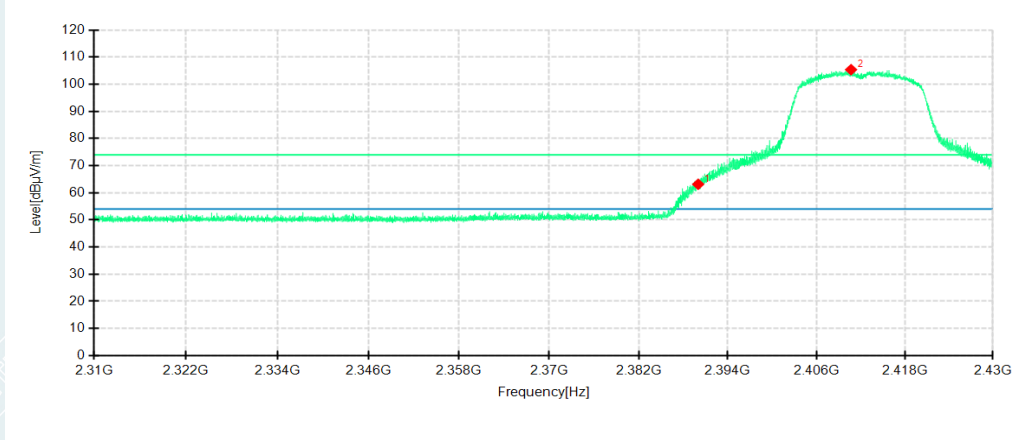
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2460.0900	90.76	94.28	3.52	54.00	-40.28	200	102	Horizontal	No limit
2	2483.5000	40.46	44.02	3.56	54.00	9.98	200	131	Horizontal	/
1	2459.8050	93.36	96.88	3.52	54.00	-42.88	100	102	Vertical	No limit
2	2483.5000	43.59	47.15	3.56	54.00	6.85	100	72	Vertical	/

802.11n HT20 mode**Lowest Channel**

Channel 2412MHz

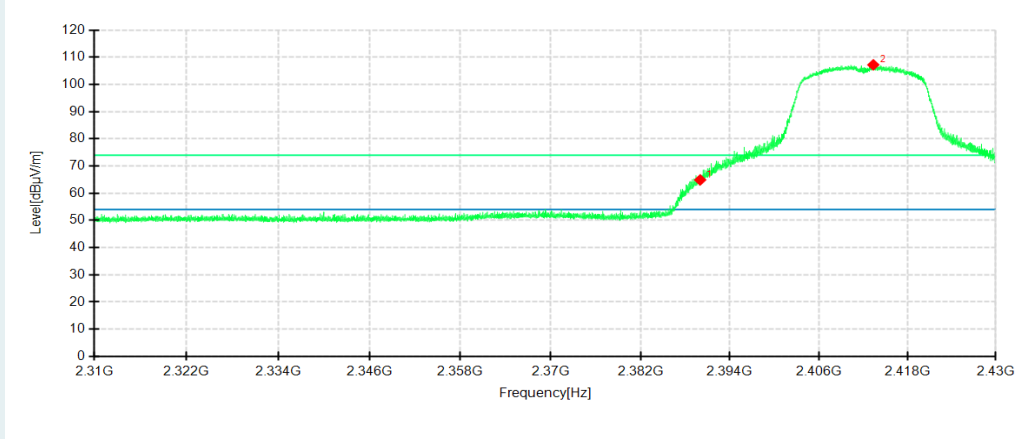
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



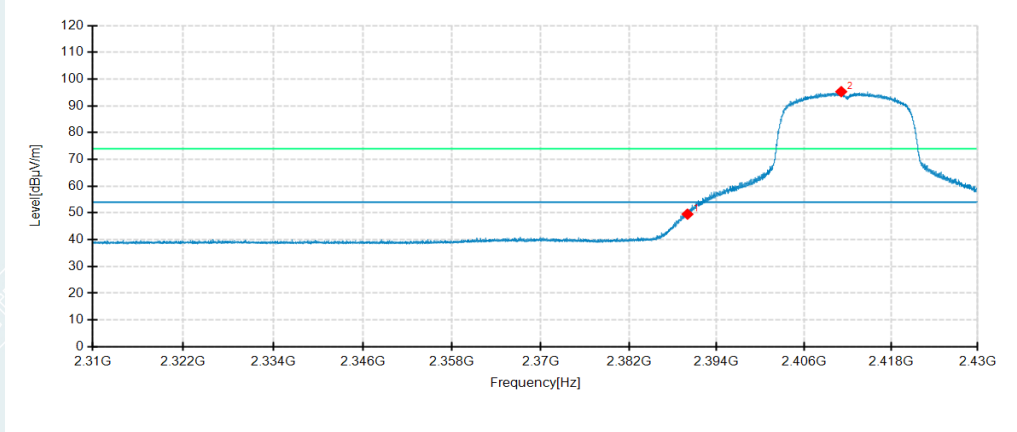
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2390.0040	59.94	63.13	3.19	74.00	10.87	200	47	Horizontal	/
2	2410.6800	101.97	105.35	3.38	74.00	-31.35	200	77	Horizontal	No limit
1	2390.0040	61.69	64.88	3.19	74.00	9.12	200	191	Vertical	/
2	2413.3680	103.80	107.19	3.39	74.00	-33.19	200	154	Vertical	No limit

802.11n HT20 mode**Lowest Channel**

Channel 2412MHz

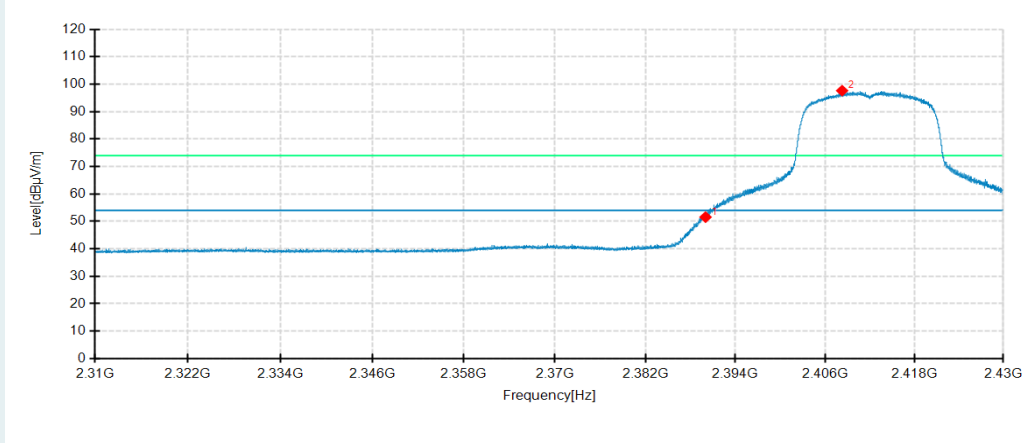
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



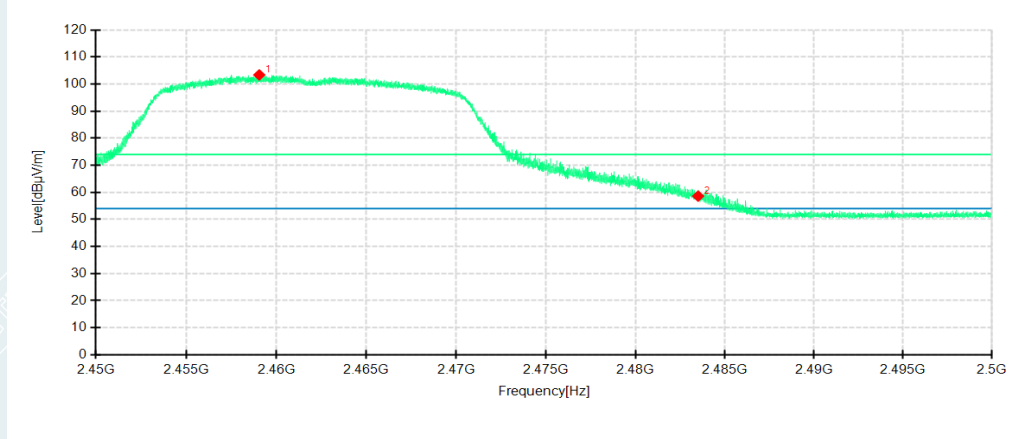
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBuV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2390.0040	46.35	49.54	3.19	54.00	4.46	100	107	Horizontal	/
2	2411.1240	91.90	95.28	3.38	54.00	-41.28	200	80	Horizontal	No limit
1	2390.0040	48.36	51.55	3.19	54.00	2.45	200	169	Vertical	/
2	2408.2800	94.25	97.62	3.37	54.00	-43.62	200	154	Vertical	No limit

802.11n HT20 mode**Highest Channel**

Channel 2462MHz

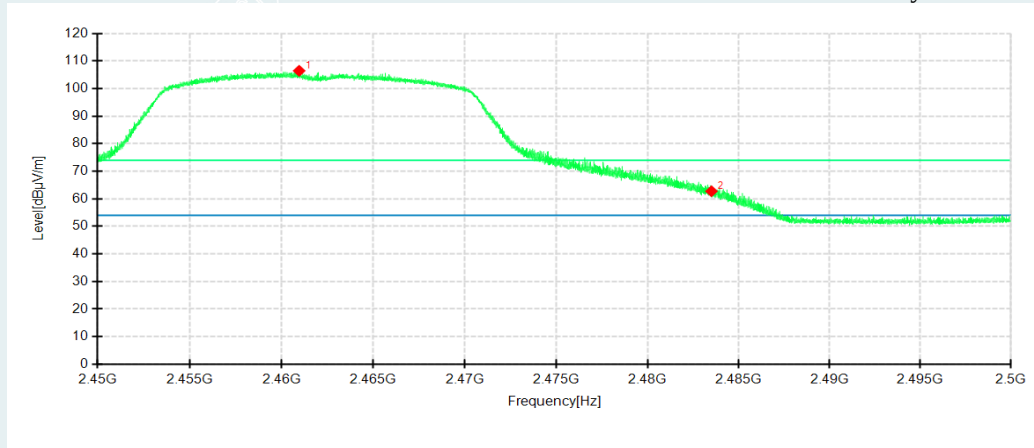
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



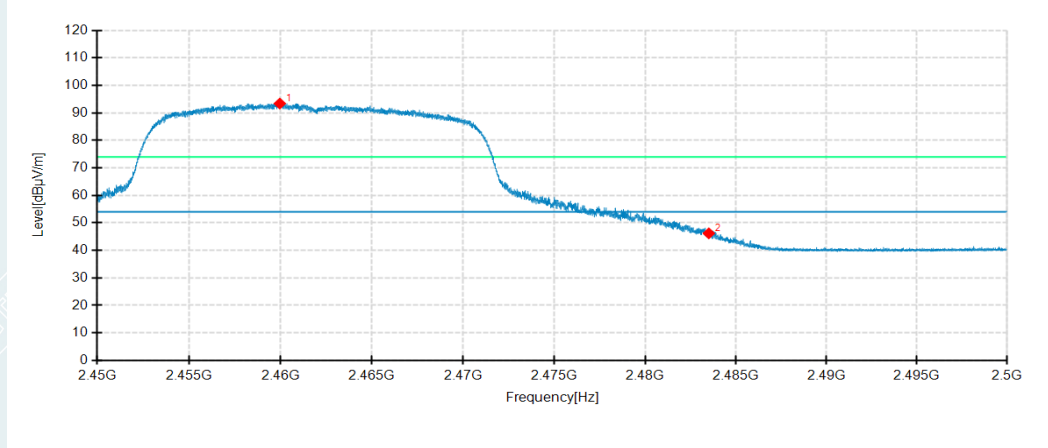
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2459.0500	99.83	103.35	3.52	74.00	-29.35	200	103	Horizontal	No limit
2	2483.5000	55.04	58.60	3.56	74.00	15.40	200	94	Horizontal	/
1	2460.9550	102.91	106.44	3.53	74.00	-32.44	100	101	Vertical	No limit
2	2483.5000	59.18	62.74	3.56	74.00	11.26	100	334	Vertical	/

802.11n HT20 mode**Highest Channel**

Channel 2462MHz

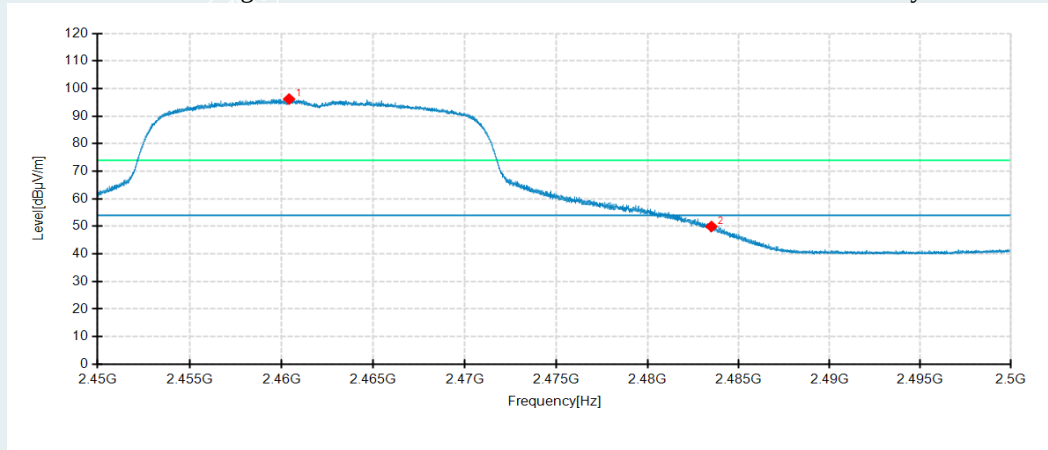
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



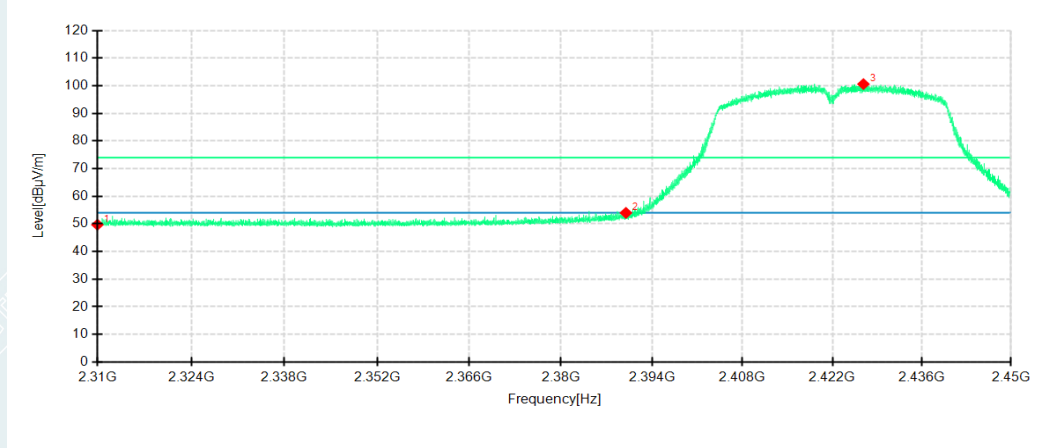
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2459.9600	89.86	93.38	3.52	54.00	-39.38	200	102	Horizontal	No limit
2	2483.5000	42.63	46.19	3.56	54.00	7.81	200	102	Horizontal	/
1	2460.4100	92.66	96.18	3.52	54.00	-42.18	100	102	Vertical	No limit
2	2483.5000	46.38	49.94	3.56	54.00	4.06	100	334	Vertical	/

802.11n HT40 mode**Lowest Channel**

Channel 2422MHz

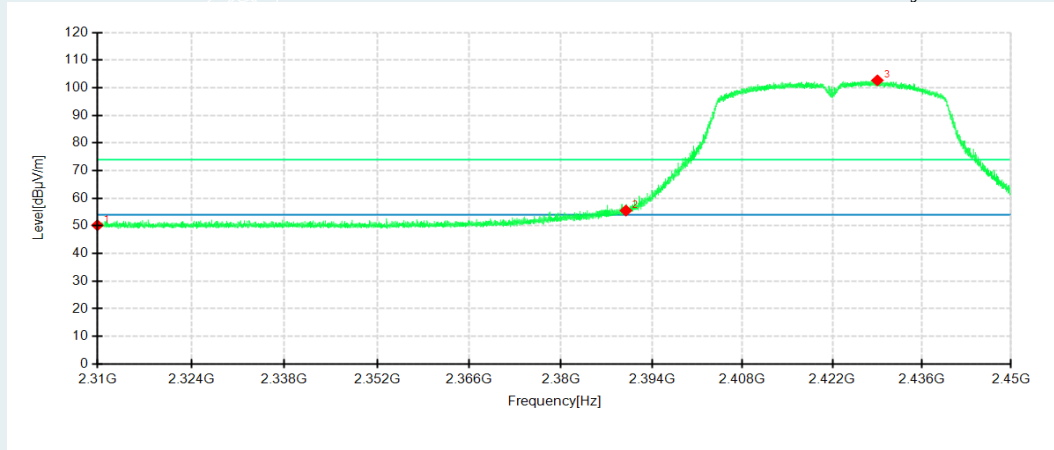
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



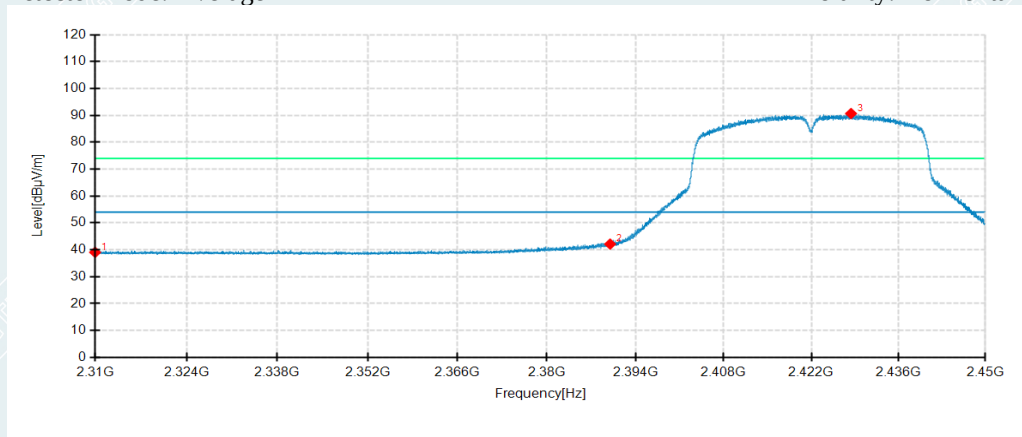
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	46.70	49.69	2.99	74.00	24.31	100	168	Horizontal	/
2	2390.0000	50.79	53.98	3.19	74.00	20.02	200	108	Horizontal	/
3	2426.8440	97.16	100.59	3.43	74.00	-26.59	200	117	Horizontal	No limit
1	2310.0000	47.23	50.22	2.99	74.00	23.78	100	348	Vertical	/
2	2390.0000	52.35	55.54	3.19	74.00	18.46	100	348	Vertical	/
3	2429.0280	99.22	102.66	3.44	74.00	-28.66	100	0	Vertical	No limit

802.11n HT40 mode**Lowest Channel**

Channel 2422MHz

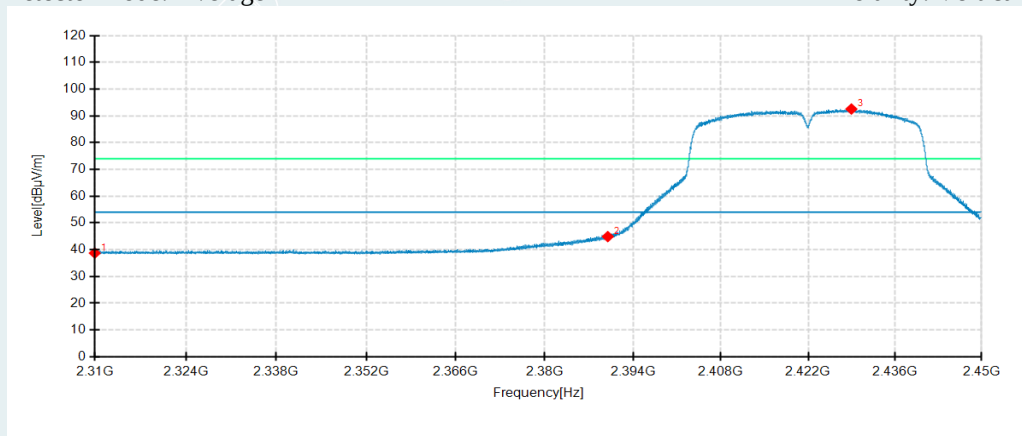
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



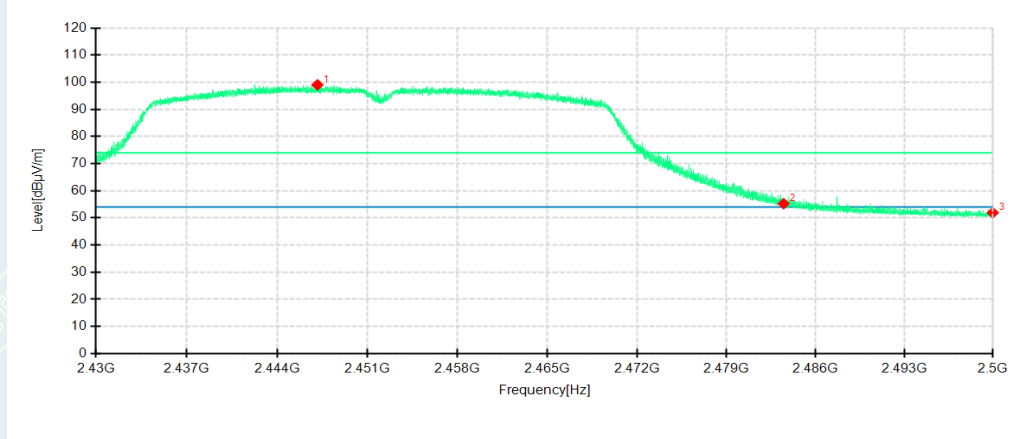
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2310.0000	36.07	39.06	2.99	54.00	14.94	100	92	Horizontal	/
2	2390.0000	38.94	42.13	3.19	54.00	11.87	200	110	Horizontal	/
3	2428.3700	87.23	90.67	3.44	54.00	-36.67	200	110	Horizontal	No limit
1	2310.0000	35.74	38.73	2.99	54.00	15.27	200	12	Vertical	/
2	2390.0000	41.70	44.89	3.19	54.00	9.11	100	348	Vertical	/
3	2428.9580	89.10	92.54	3.44	54.00	-38.54	100	0	Vertical	No limit

802.11n HT40 mode**Highest Channel**

Channel 2452MHz

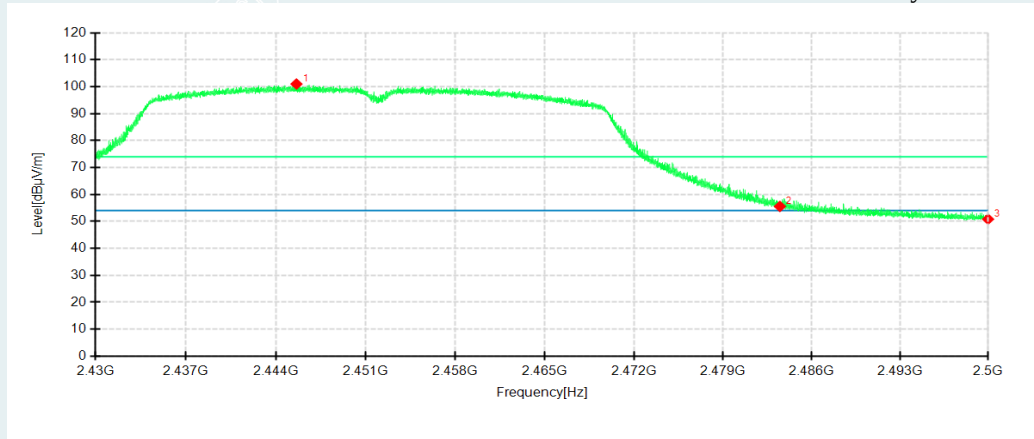
Detector mode: Peak

Polarity: Horizontal



Detector mode: Peak

Polarity: Vertical



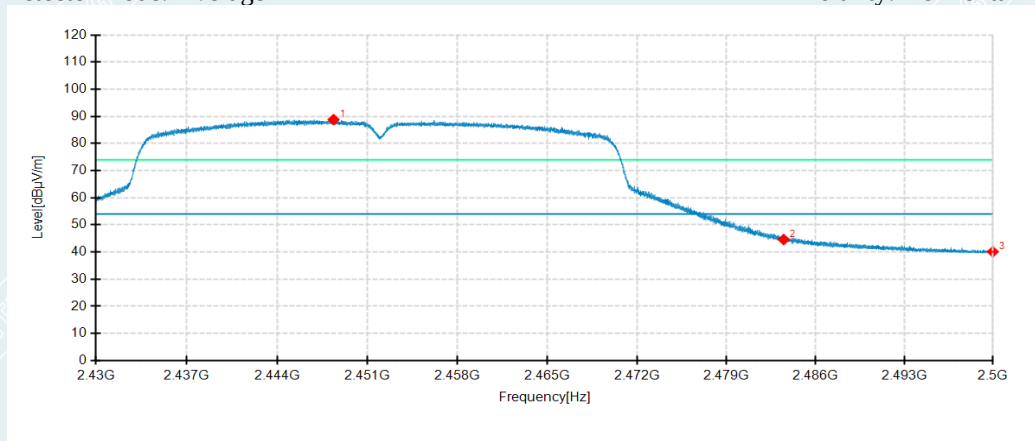
No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2447.1150	95.52	99.02	3.50	74.00	-25.02	200	115	Horizontal	No limit
2	2483.5000	51.68	55.24	3.56	74.00	18.76	100	275	Horizontal	/
3	2500.0000	48.30	51.88	3.58	74.00	22.12	200	139	Horizontal	/
1	2445.5960	97.47	100.97	3.50	74.00	-26.97	100	348	Vertical	No limit
2	2483.5000	52.00	55.56	3.56	74.00	18.44	100	341	Vertical	/
3	2500.0000	47.24	50.82	3.58	74.00	23.18	100	348	Vertical	/

802.11n HT40 mode**Highest Channel**

Channel 2452MHz

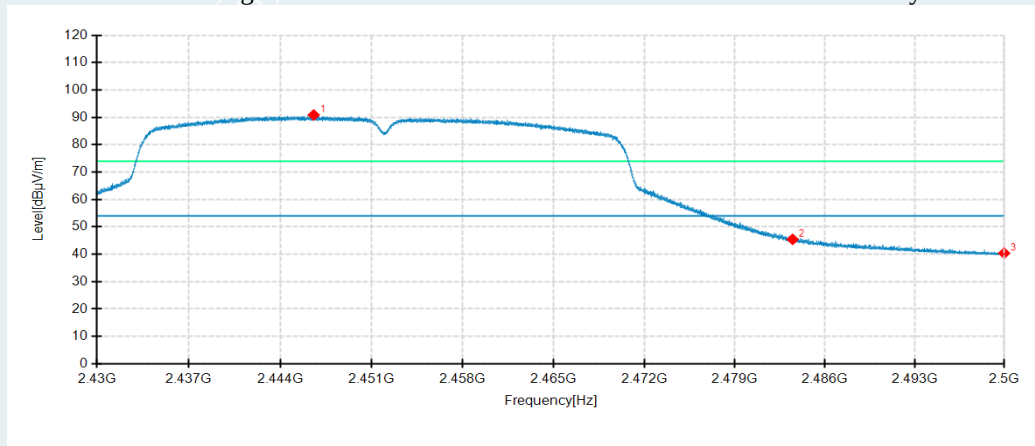
Detector mode: Average

Polarity: Horizontal



Detector mode: Average

Polarity: Vertical



No.	Frequency MHz	Reading dBμV/m	Level dBμV/m	Factor dB	Limit dBμV/m	Margin dB	Height cm	Angle °	Pole	Comment
1	2448.3610	85.31	88.81	3.50	54.00	-34.81	200	109	Horizontal	No limit
2	2483.5000	41.06	44.62	3.56	54.00	9.38	100	115	Horizontal	/
3	2500.0000	36.53	40.11	3.58	54.00	13.89	200	124	Horizontal	/
1	2446.5550	87.37	90.87	3.50	54.00	-36.87	100	348	Vertical	No limit
2	2483.5000	41.89	45.45	3.56	54.00	8.55	200	184	Vertical	/
3	2500.0000	36.81	40.39	3.58	54.00	13.61	100	146	Vertical	/

-----This is the last page of the report. -----