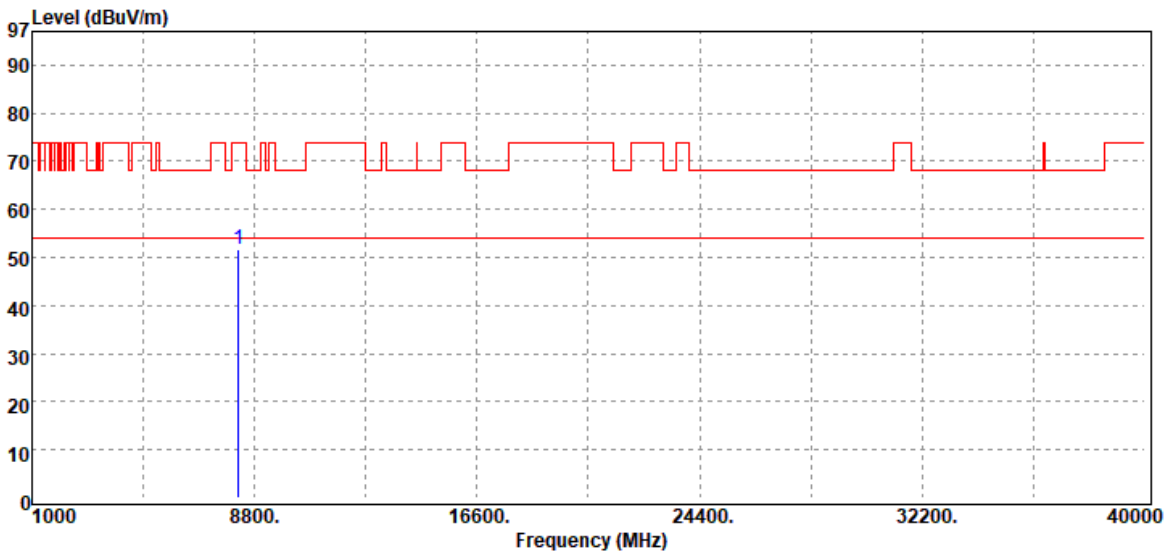


Project Number :T190430W01
Operation Band :Fully System
Frequency :Fully System
Operation Mode :Fully System
EUT Pol. :E2 Plan

Test Date :2019-06-04
Temp./Humi. :21/55
Antenna Pol. :HORIZONTAL
Engineer :Jerry



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
8250.00	Peak	40.43	11.34	51.77	74.00	-22.23

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

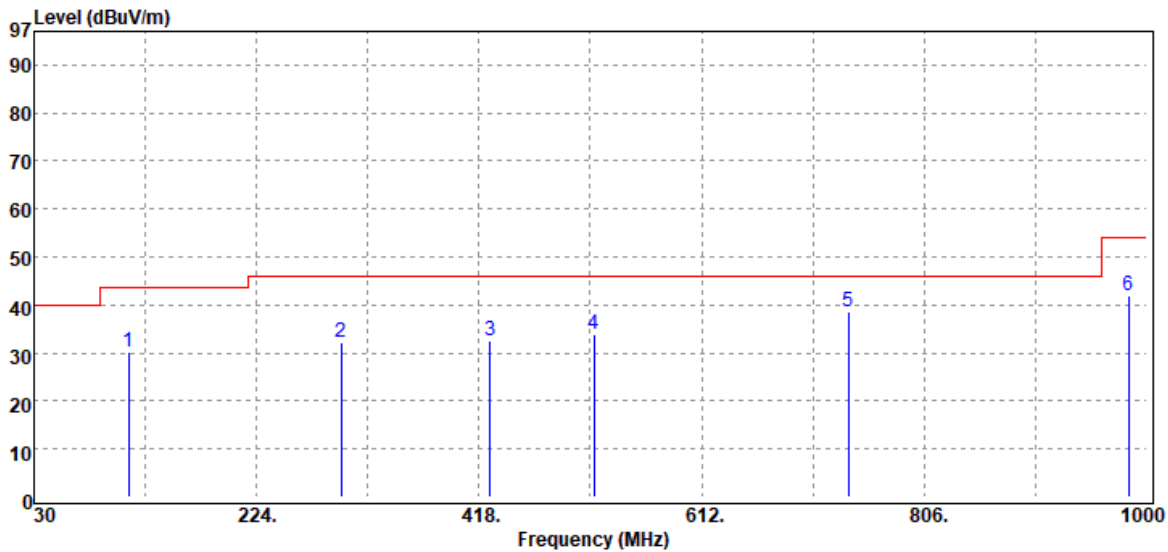
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6.5.3 接收機場強輻射之量測結果(1GHz 以下) (最差模式)

Dipole Antenna (Model No.: WTS2450)

Project Number	: T190430W01	Test Date	:2019-05-09
Operation Band	:802.11g	Temp./Humi.	:21/55
Fundamental Frequency	:2437 MHz	Engineer	:Jerry
Operation Mode	:Rx CH Mid	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
112.45	Peak	39.80	-9.65	30.15	43.50	-13.35
297.72	Peak	40.56	-8.27	32.29	46.00	-13.71
427.70	Peak	36.98	-4.43	32.55	46.00	-13.45
517.91	Peak	36.57	-2.68	33.89	46.00	-12.11
740.04	Peak	36.83	1.61	38.44	46.00	-7.56
984.48	Peak	36.63	5.37	42.00	54.00	-12.00

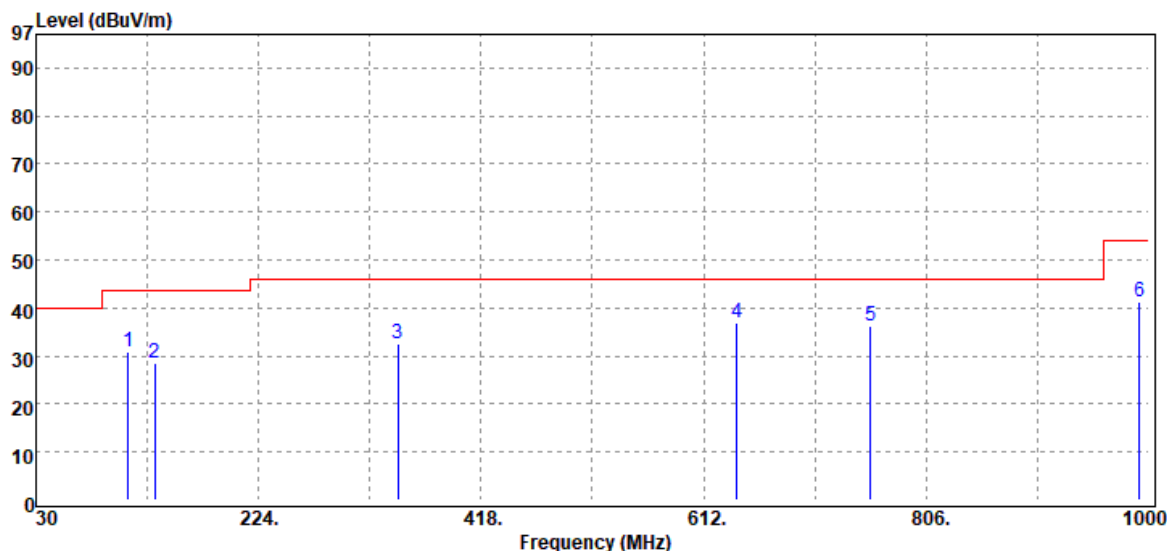
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2437 MHz
Operation Mode :Rx CH Mid
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
110.51	Peak	40.78	-10.01	30.77	43.50	-12.73
133.79	Peak	37.78	-9.31	28.47	43.50	-15.03
345.25	Peak	39.74	-7.12	32.62	46.00	-13.38
641.10	Peak	37.20	-0.18	37.02	46.00	-8.98
757.50	Peak	34.13	2.04	36.17	46.00	-9.83
992.24	Peak	36.10	5.17	41.27	54.00	-12.73

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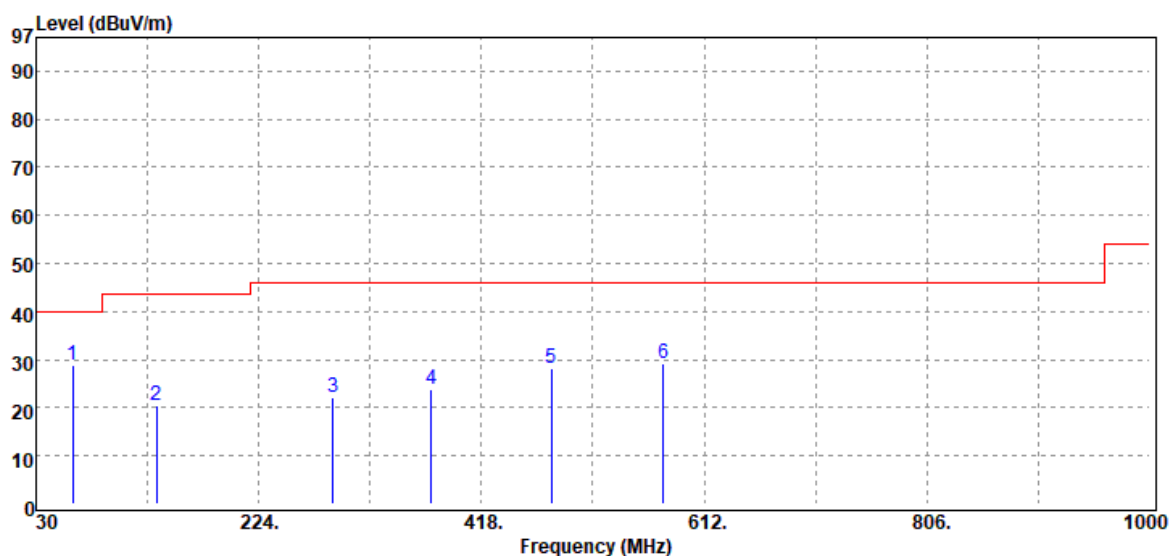
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PCB Antenna

Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2437 MHz
Operation Mode :Rx CH MID
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
62.01	Peak	44.44	-15.60	28.84	40.00	-11.16
134.76	Peak	29.74	-9.39	20.35	43.50	-23.15
288.99	Peak	30.35	-8.36	21.99	46.00	-24.01
374.35	Peak	30.14	-6.37	23.77	46.00	-22.23
479.11	Peak	31.15	-2.98	28.17	46.00	-17.83
576.11	Peak	31.06	-1.82	29.24	46.00	-16.76

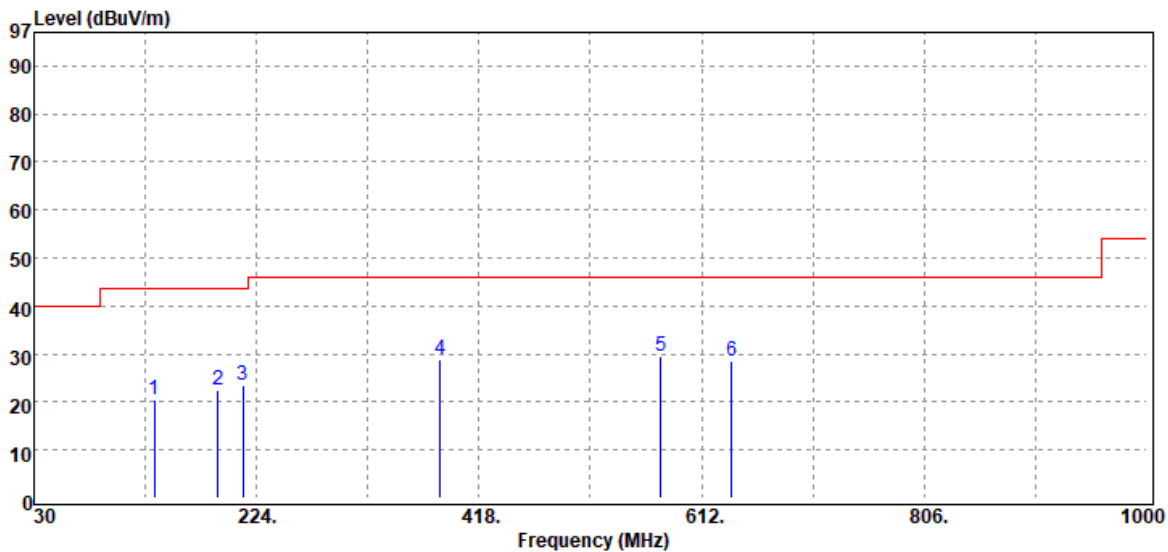
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2437 MHz
Operation Mode :Rx CH MID
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
134.76	Peak	29.93	-9.39	20.54	43.50	-22.96
190.05	Peak	33.18	-10.77	22.41	43.50	-21.09
212.36	Peak	35.04	-11.54	23.50	43.50	-20.00
384.05	Peak	35.03	-6.24	28.79	46.00	-17.21
576.11	Peak	31.25	-1.82	29.43	46.00	-16.57
638.19	Peak	29.05	-0.37	28.68	46.00	-17.32

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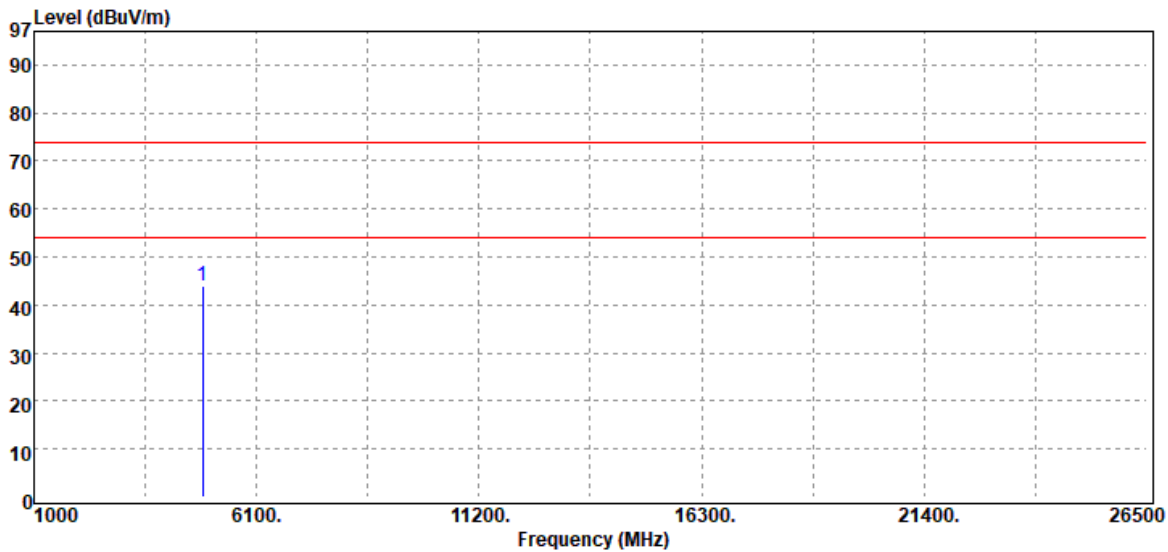
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6.5.4 接收機場強輻射之量測結果(1GHz 以上) (最差模式)

Dipole Antenna (Model No.: WTS2450)

Project Number	: T190430W01	Test Date	:2019-05-09
Operation Band	:802.11g	Temp./Humi.	:21/55
Fundamental Frequency	:2437 MHz	Engineer	:Jerry
Operation Mode	:Rx CH Mid	Measurement Antenna Pol.	:VERTICAL
EUT Pol.	:E2 Plan		



Freq.	Detector	Spectrum	Factor	Actual	Limit	Margin
MHz	Mode	Reading Level	dB	FS	@3m	dB
	PK/QP/AV	dBμV		dBμV/m	dBμV/m	
4874.00	Peak	40.89	2.98	43.87	74.00	-30.13

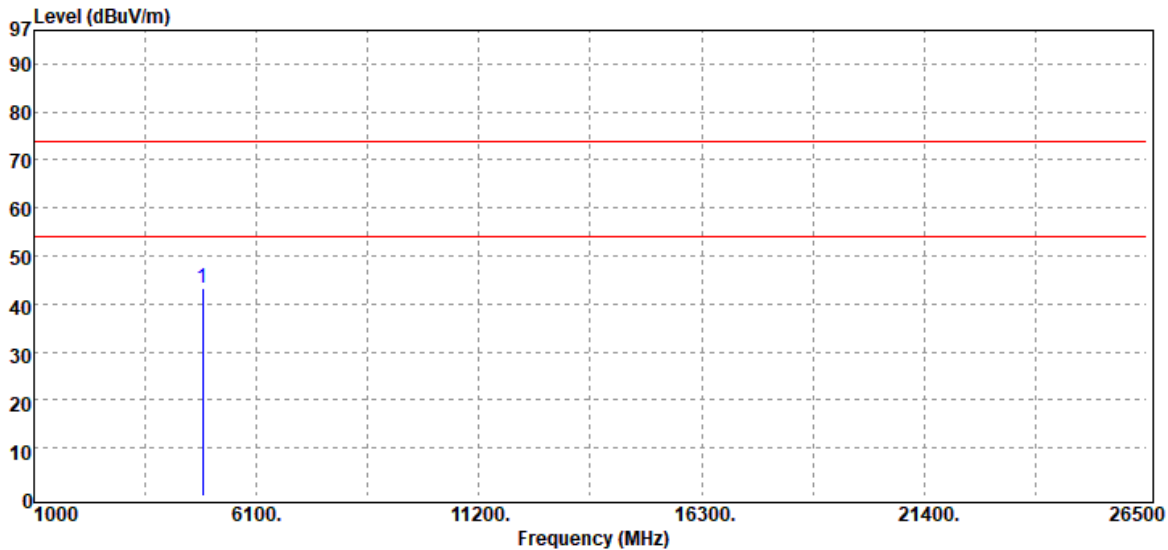
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2437 MHz
Operation Mode :Rx CH Mid
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
4874.00	Peak	40.23	2.98	43.21	74.00	-30.79

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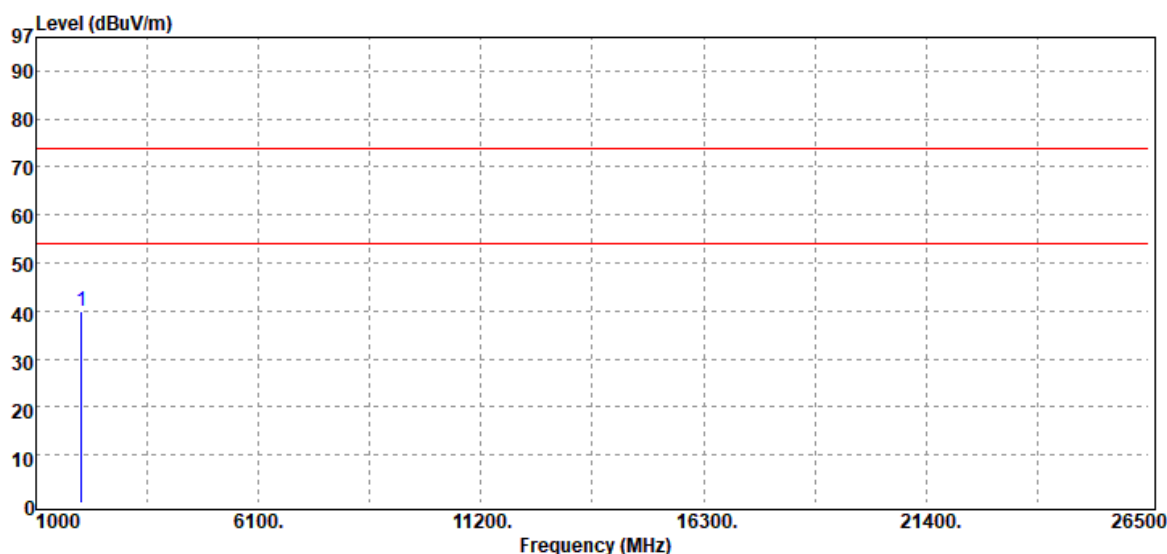
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PCB Antenna

Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2437 MHz
Operation Mode :Rx CH MID
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2050.00	Peak	43.60	-3.54	40.06	74.00	-33.94

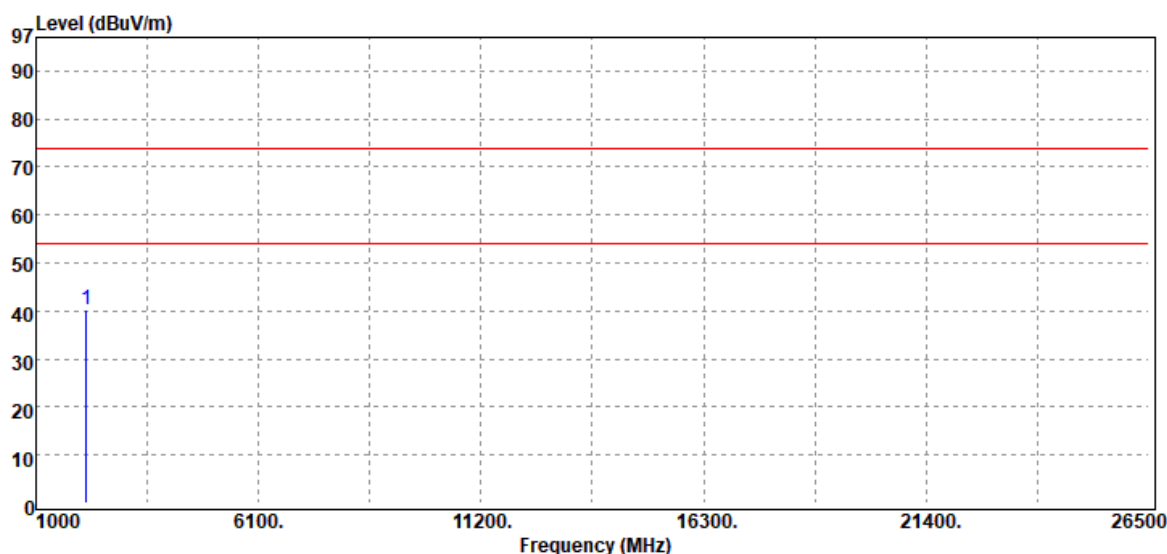
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2437 MHz
Operation Mode :Rx CH MID
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2155.00	Peak	43.05	-2.81	40.24	74.00	-33.76

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7 天線增益之要求

7.1 適用標準

依據NCC低功率射頻電機技術規範3.10.1.3 (1)之規定，操作於2400-2483.5MHz 者，僅用於固定式點對點操作，其發射天線之方向性增益超過 6dBi，每超過3dB應降低1dB之峰值輸出功率。

依據NCC低功率射頻電機技術規範3.10.1.3 (2)之規定，操作於5725-5850MHz 者，其發射天線之方向性增益超過 6dBi，無須降低峰值輸出功率。

依據NCC低功率射頻電機技術規範3.10.1.3 (2)之規定，用於點對多點操作時，如其發射天線之方向性增益超過 6dBi，應依所超過之dB數等量降低最大傳導輸出功率。

註：固定式點對點操作使用方式，並不包括使用點對多點之系統、全向性之應用以及發射相同資訊之共同安裝的多重發射機。展頻或數位調變之發射器需要專業安裝，該設備操作者或安裝者有責任確認該系統是限用於固定式、點對點之操作，隨機所附之使用手冊必須包含此訊息以告知使用者或安裝者須負之責任。

7.2 天線增益

此裝置使用天線如下，詳細規格請參考附件天線規格書。

天線型式	Supplier	Model No.	發射頻帶(MHz)	天線增益(dBi)
Dipole	LAIRD	WTS2450	2412-2472	2.1
Printed	N/A	N/A	2412-2472	1.1 (Ch0) 2.7 (Ch1)
Dipole	LARSEN	R380500314	2412-2472	1.6

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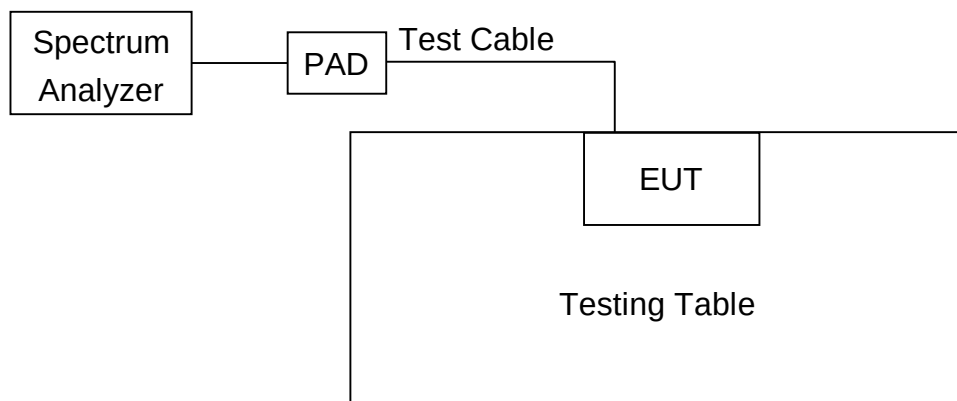
8 發射頻寬之要求

8.1 適用標準

對使用數位調變技術之低功率發射機，依據 NCC 低功率射頻電機技術規範 3.10.1.6(2) (A) 之規定，6dB 之頻寬至少應有 500kHz。

8.2 測試配置

圖 4: 發射頻寬之測試配置



8.3 量測結果

802.11b Ch0

Freq. (MHz)	BW (kHz)	Limit (kHz)	Result
2412	7580	> 500	PASS
2437	8079	> 500	PASS
2462	8076	> 500	PASS

802.11b Ch1

Freq. (MHz)	BW (kHz)	Limit (kHz)	Result
2412	8073	> 500	PASS
2437	7117	> 500	PASS
2462	8064	> 500	PASS

802.11g Ch0

Freq. (MHz)	BW (kHz)	Limit (kHz)	Result
2412	16400	> 500	PASS
2437	16400	> 500	PASS
2462	16420	> 500	PASS

802.11g Ch1

Freq. (MHz)	BW (kHz)	Limit (kHz)	Result
2412	16380	> 500	PASS
2437	16100	> 500	PASS
2462	16090	> 500	PASS

802.11n HT20M Ch0

Freq. (MHz)	BW (kHz)	Limit (kHz)	Result
2412	17610	> 500	PASS
2437	17620	> 500	PASS
2462	17610	> 500	PASS

802.11n HT20M Ch1

Freq. (MHz)	BW (kHz)	Limit (kHz)	Result
2412	17620	> 500	PASS
2437	17200	> 500	PASS
2462	16980	> 500	PASS

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802.11n_HT40M Ch0

Freq. (MHz)	BW (kHz)	Limit (kHz)	Result
2422	36340	> 500	PASS
2437	36040	> 500	PASS
2452	36390	> 500	PASS

802.11n_HT40M Ch1

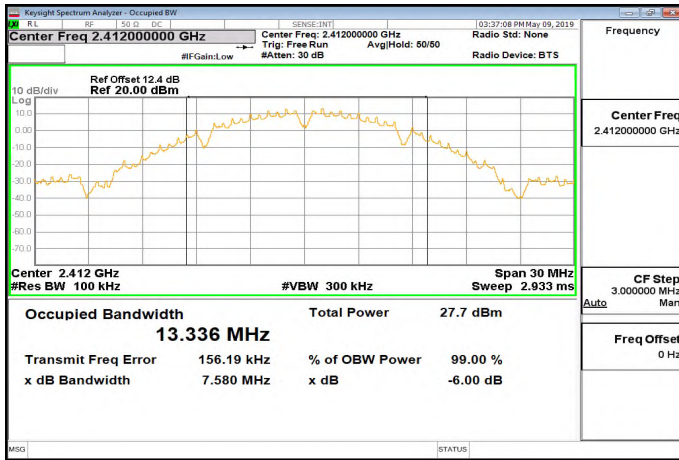
Freq. (MHz)	BW (kHz)	Limit (kHz)	Result
2422	35700	> 500	PASS
2437	35530	> 500	PASS
2452	36370	> 500	PASS

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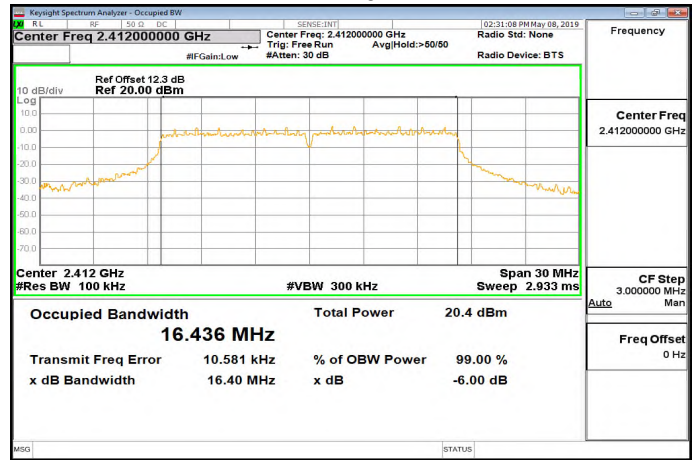
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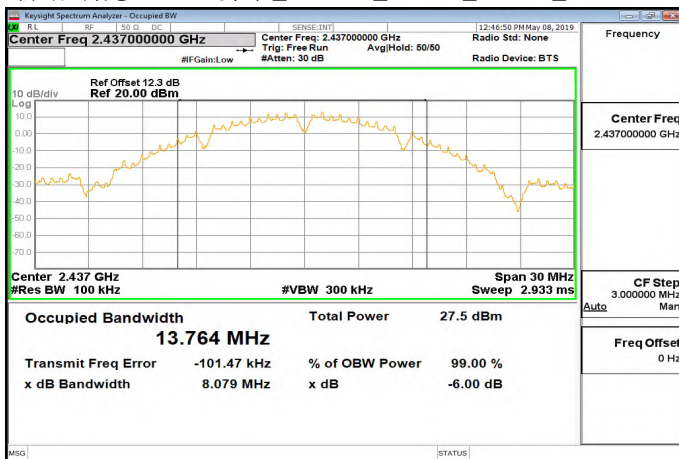
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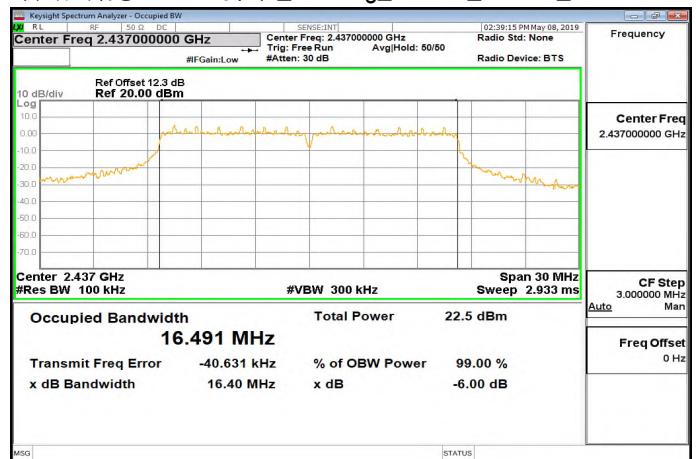
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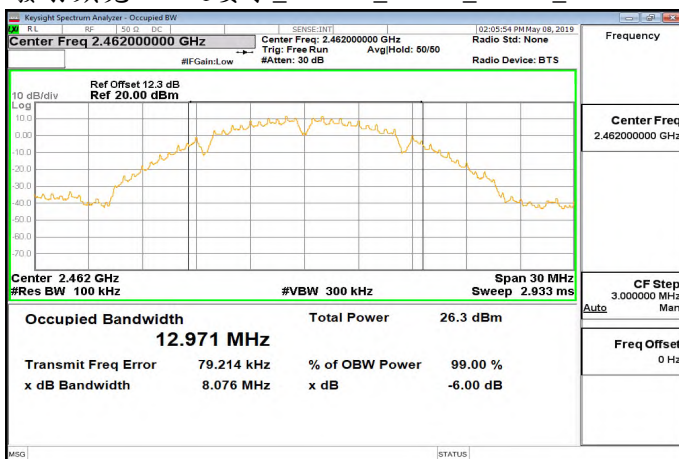
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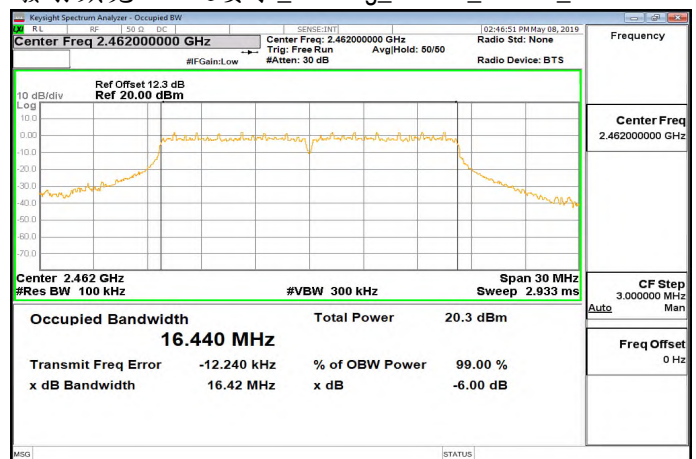
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發射頻寬 6dB 之要求_802.11b_20MHz_Chain0_2462MHz



發射頻寬 6dB 之要求_802.11g_20MHz_Chain0_2462MHz

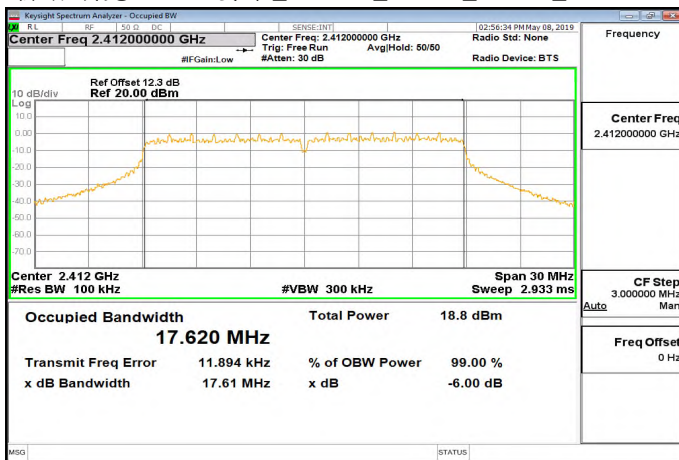


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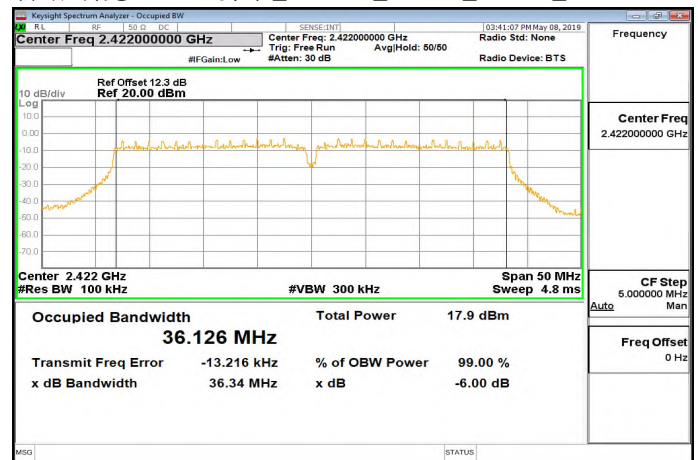
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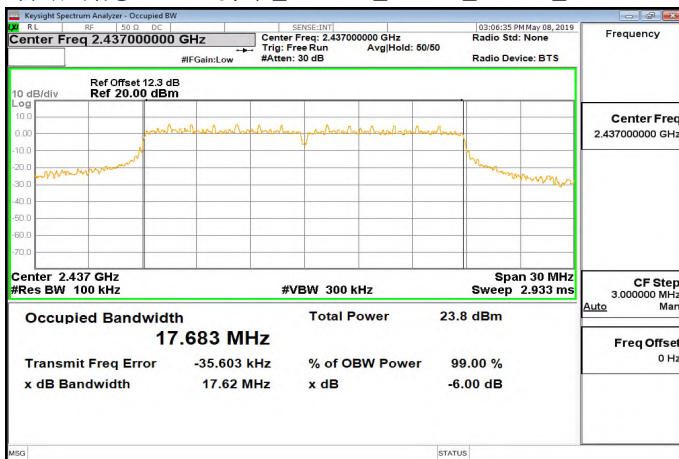
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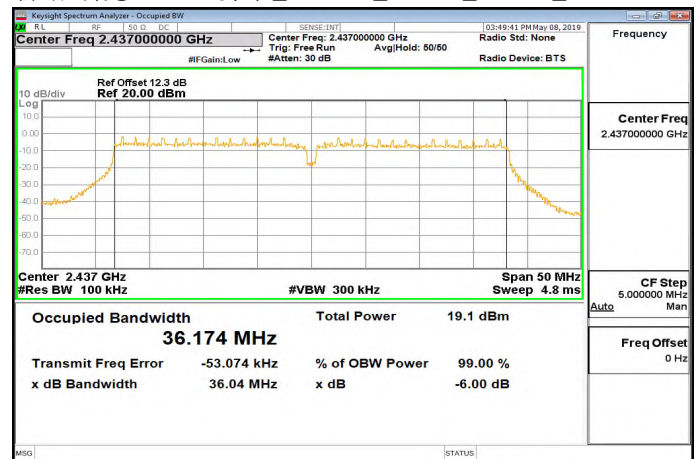
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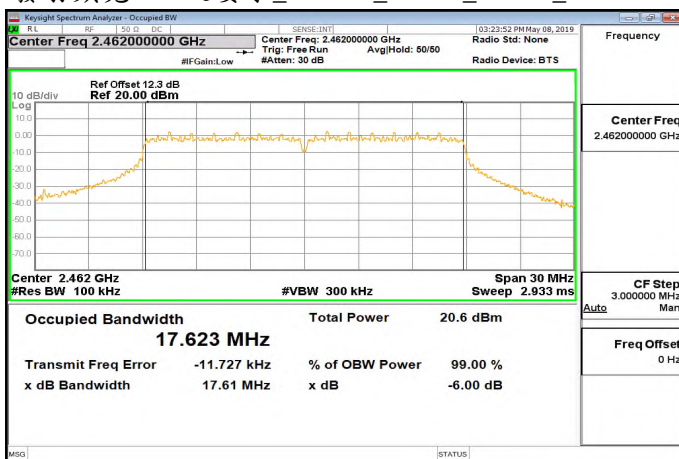
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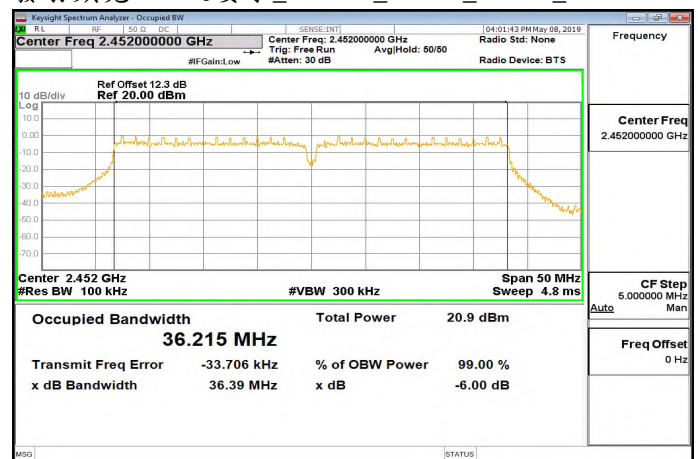
發射頻寬 6dB 之要求_802.11n_40MHz_Chain0_2437MHz



發射頻寬 6dB 之要求_802.11n_20MHz_Chain0_2462MHz



發射頻寬 6dB 之要求_802.11n_40MHz_Chain0_2452MHz

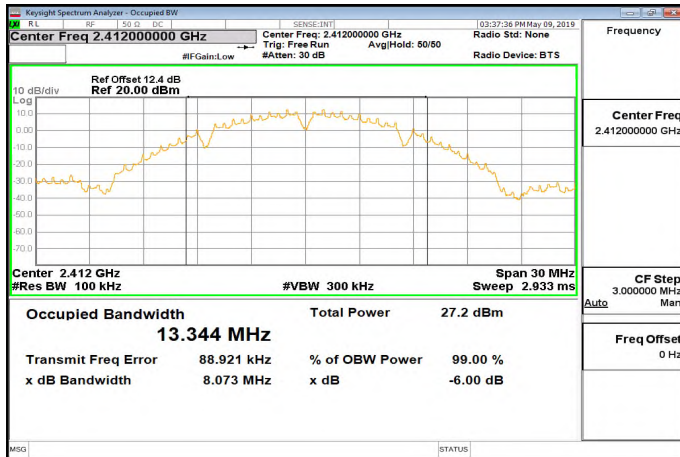


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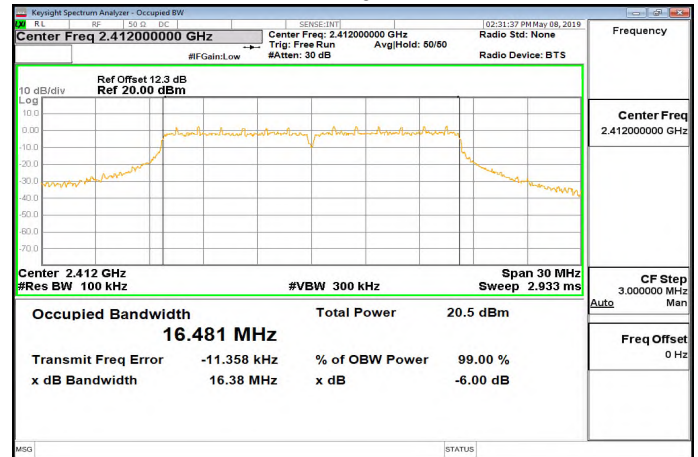
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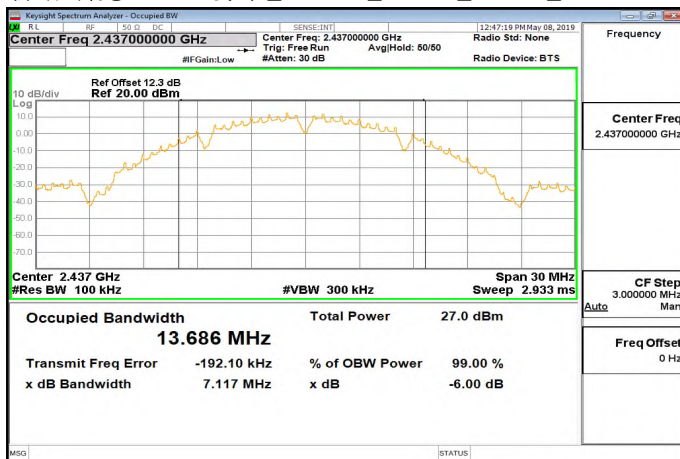
發射頻寬 6dB 之要求_802.11b_20MHz_Chain1_2412MHz



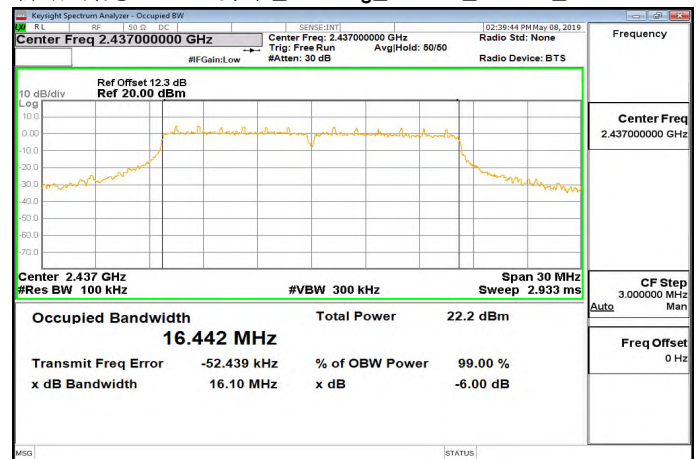
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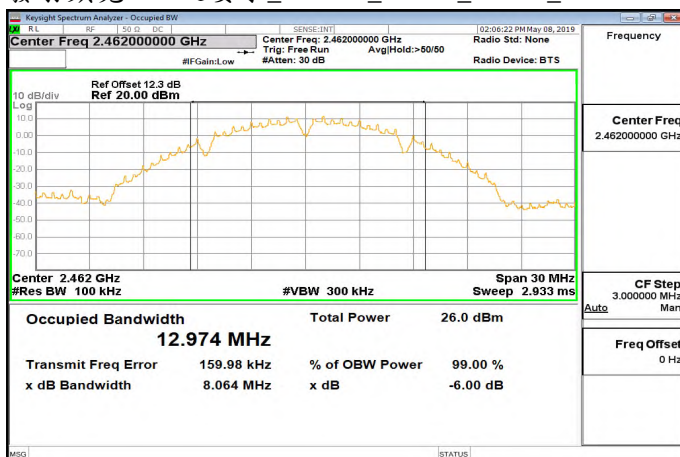
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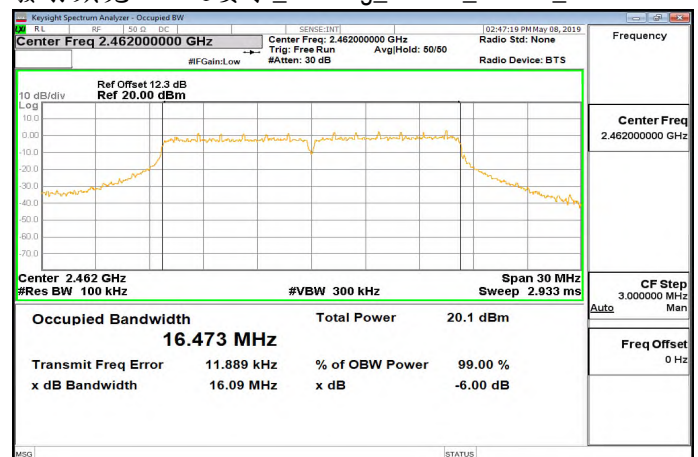
發射頻寬 6dB 之要求_802.11g_20MHz_Chain1_2437MHz



發射頻寬 6dB 之要求_802.11b_20MHz_Chain1_2462MHz



發射頻寬 6dB 之要求_802.11g_20MHz_Chain1_2462MHz

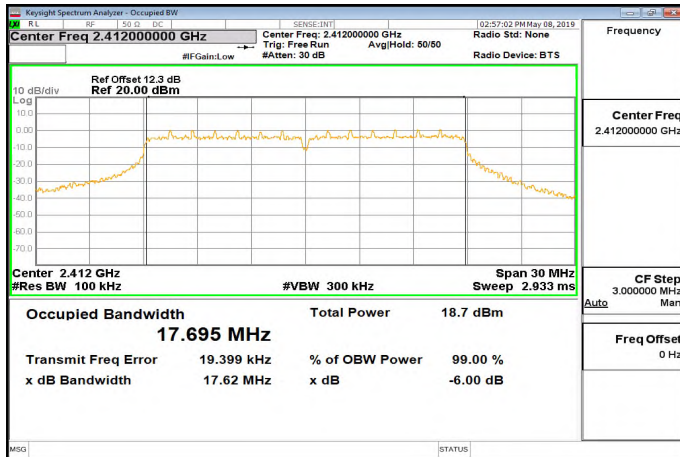


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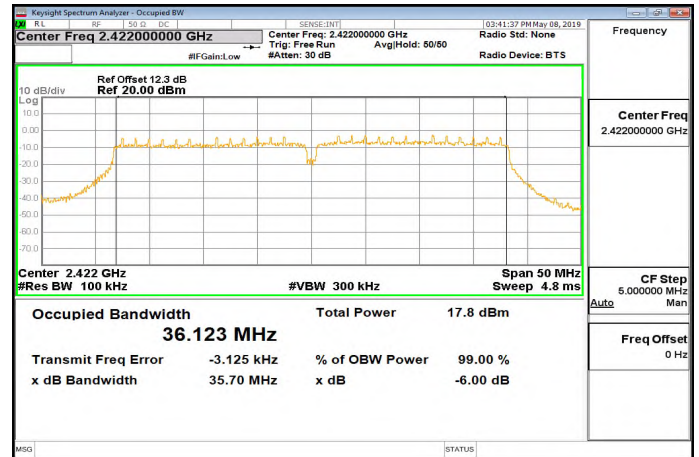
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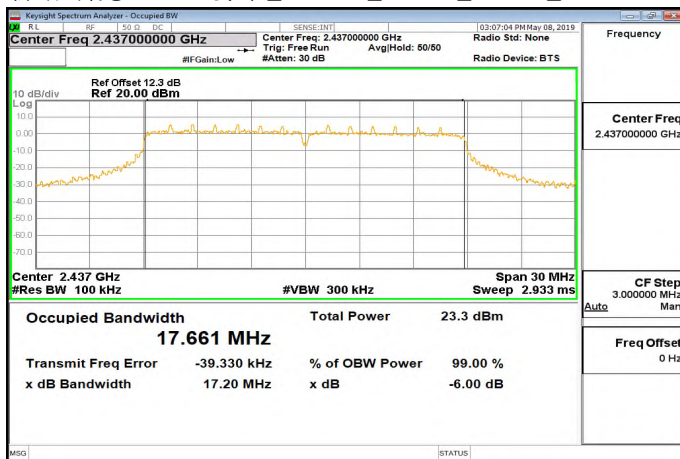
發射頻寬 6dB 之要求_802.11n_20MHz_Chain1_2412MHz



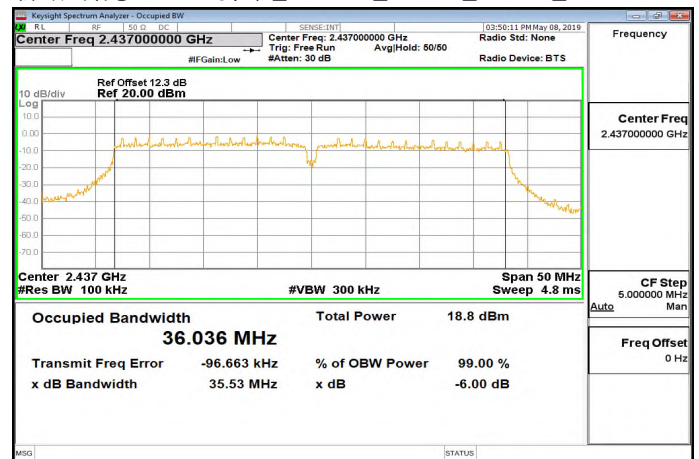
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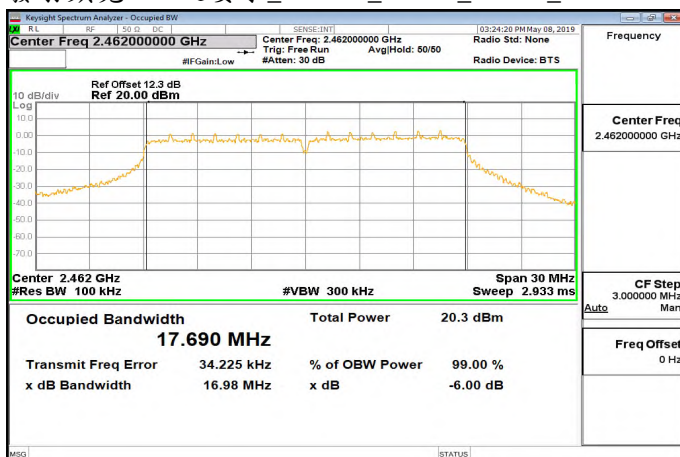
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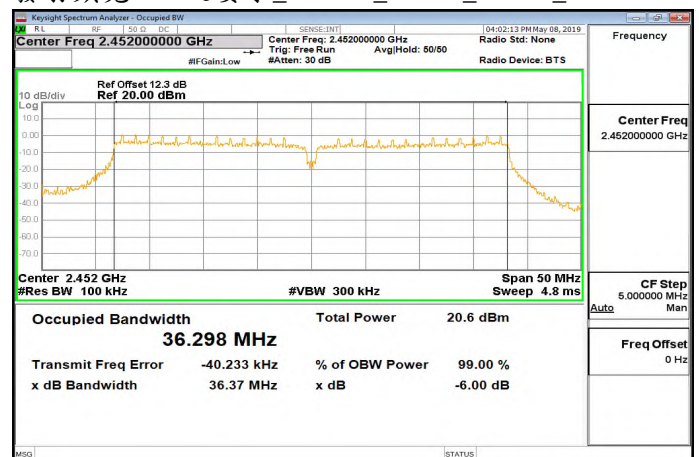
發射頻寬 6dB 之要求_802.11n_40MHz_Chain1_2437MHz



發射頻寬 6dB 之要求_802.11n_20MHz_Chain1_2462MHz



發射頻寬 6dB 之要求_802.11n_40MHz_Chain1_2452MHz



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9 輸出峰值功率之量測

9.1 適用標準

依據 NCC 低功率射頻電機技術規範 3.10.1.2(1) (A)(C)之規定，操作於 2400-2483.5MHz 與 5725-5850MHz 之所有數位調變技術系統：1 Watt(含)以下。

依據NCC低功率射頻電機技術規範3.10.1.3之規定，用於非固定式點對點操作時，若其發射天線之方向性增益超過6dBi，應依所超過之dB數等量降低峰值輸出功率。如用於固定式點對點操作時，應符合下列情現之一：

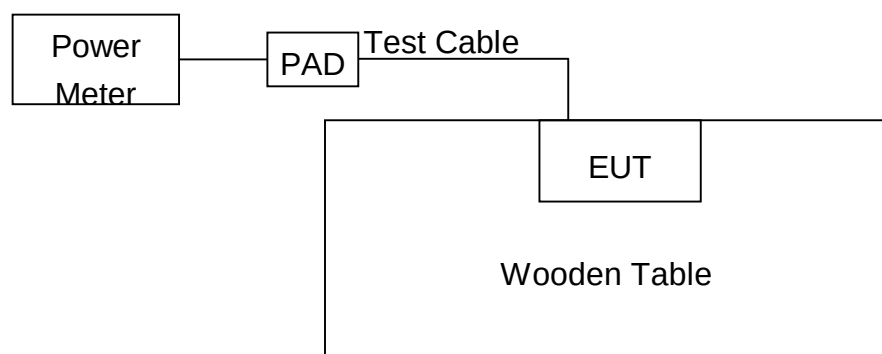
依據NCC低功率射頻電機技術規範3.10.1.3 (1)之規定，操作於2400-2483.5MHz 者，僅用於固定式點對點操作，其發射天線之方向性增益超過 6dBi，每超過3dB應降低1dB之峰值輸出功率。

依據NCC低功率射頻電機技術規範3.10.1.3 (2)之規定，操作於5725-5850MHz 者，其發射天線之方向性增益超過 6dBi，無須降低峰值輸出功率。

依據NCC低功率射頻電機技術規範3.10.1.3 (3)之規定，用於點對多點操作時，如其發射天線之方向性增益超過 6dBi，應依所超過之dB數等量降低最大傳導輸出功率。

註：固定式點對點操作使用方式，並不包括使用點對多點之系統、全向性之應用以及發射相同資訊之共同安裝的多重發射機。展頻或數位調變之發射器需要專業安裝，該設備操作者或安裝者有責任確認該系統是限用於固定式、點對點之操作，隨機所附之使用手冊必須包含此訊息以告知使用者或安裝者須負之責任。

9.2 輸出功率之測試配置



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9.3 輸出功率之量測結果

Antenna Chain 0

802.11b Ch0						
CH	Freq. (MHz)	Data Rate	Peak Output Power (dBm)	Peak Output Power (mW)	Limit	RESULT
1	2412	1	22.89	194.54	1 Watt = 30.00 dBm	PASS
6	2437	1	22.67	184.93	1 Watt = 30.00 dBm	PASS
11	2462	1	21.86	153.46	1 Watt = 30.00 dBm	PASS
802.11b Ch0						
CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Avg. Output Power (mW)	Limit	RESULT
1	2412	1	20.24	105.77	1 Watt = 30.00 dBm	PASS
6	2437	1	20.26	106.26	1 Watt = 30.00 dBm	PASS
11	2462	1	19.16	82.48	1 Watt = 30.00 dBm	PASS
802.11g Ch0						
CH	Freq. (MHz)	Data Rate	Peak Output Power (dBm)	Peak Output Power (mW)	Limit	RESULT
1	2412	6	22.98	198.61	1 Watt = 30.00 dBm	PASS
6	2437	6	24.89	308.32	1 Watt = 30.00 dBm	PASS
11	2462	6	22.91	195.43	1 Watt = 30.00 dBm	PASS
802.11g Ch0						
CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Avg. Output Power (mW)	Limit	RESULT
1	2412	6	13.89	24.47	1 Watt = 30.00 dBm	PASS
6	2437	6	15.67	36.86	1 Watt = 30.00 dBm	PASS
11	2462	6	13.66	23.20	1 Watt = 30.00 dBm	PASS

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802.11n_HT20M Ch0						
CH	Freq. (MHz)	Data Rate	Peak Output Power (dBm)	Peak Output Power (mW)	Limit	RESULT
1	2412	MCS0	24.38	274.16	1 Watt = 30.00 dBm	PASS
6	2437	MCS0	24.89	308.32	1 Watt = 30.00 dBm	PASS
11	2462	MCS0	22.74	187.93	1 Watt = 30.00 dBm	PASS
802.11n_HT20M Ch0						
CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Avg. Output Power (mW)	Limit	RESULT
1	2412	MCS0	12.09	16.18	1 Watt = 30.00 dBm	PASS
6	2437	MCS0	16.69	46.67	1 Watt = 30.00 dBm	PASS
11	2462	MCS0	13.90	24.55	1 Watt = 30.00 dBm	PASS

802.11n_HT40M Ch0						
CH	Freq. (MHz)	Data Rate	Peak Output Power (dBm)	Peak Output Power (mW)	Limit	RESULT
3	2422	MCS0	20.53	112.98	1 Watt = 30.00 dBm	PASS
6	2437	MCS0	20.76	119.12	1 Watt = 30.00 dBm	PASS
9	2452	MCS0	22.89	194.54	1 Watt = 30.00 dBm	PASS
802.11n_HT40M Ch0						
CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Avg. Output Power (mW)	Limit	RESULT
3	2422	MCS0	11.28	13.43	1 Watt = 30.00 dBm	PASS
6	2437	MCS0	12.15	16.40	1 Watt = 30.00 dBm	PASS
9	2452	MCS0	14.07	25.52	1 Watt = 30.00 dBm	PASS

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Antenna Chain 1

802.11b Ch1							
CH	Freq. (MHz)	Data Rate	Peak Output Power (dBm)	Peak Output Power (mW)	Limit		RESULT
1	2412	1	22.99	199.07	1 Watt =	30.00 dBm	PASS
6	2437	1	22.95	197.24	1 Watt =	30.00 dBm	PASS
11	2462	1	22.56	180.30	1 Watt =	30.00 dBm	PASS

802.11b Ch1							
CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Avg. Output Power (mW)	Limit		RESULT
1	2412	1	20.46	111.26	1 Watt =	30.00 dBm	PASS
6	2437	1	20.31	107.49	1 Watt =	30.00 dBm	PASS
11	2462	1	19.54	90.02	1 Watt =	30.00 dBm	PASS

802.11g Ch1							
CH	Freq. (MHz)	Data Rate	Peak Output Power (dBm)	Peak Output Power (mW)	Limit		RESULT
1	2412	6	23.04	201.37	1 Watt =	30.00 dBm	PASS
6	2437	6	24.87	306.90	1 Watt =	30.00 dBm	PASS
11	2462	6	23.01	199.99	1 Watt =	30.00 dBm	PASS

802.11g Ch1							
CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Avg. Output Power (mW)	Limit		RESULT
1	2412	6	13.87	24.35	1 Watt =	30.00 dBm	PASS
6	2437	6	15.75	37.54	1 Watt =	30.00 dBm	PASS
11	2462	6	13.77	23.80	1 Watt =	30.00 dBm	PASS

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802.11n_HT20M Ch1							
CH	Freq. (MHz)	Data Rate	Peak Output Power (dBm)	Peak Output Power (mW)	Limit		RESULT
1	2412	MCS0	21.37	137.09	1 Watt =	30.00 dBm	PASS
6	2437	MCS0	24.98	314.77	1 Watt =	30.00 dBm	PASS
11	2462	MCS0	22.81	190.99	1 Watt =	30.00 dBm	PASS
802.11n_HT20M Ch1							
CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Avg. Output Power (mW)	Limit		RESULT
1	2412	MCS0	12.20	16.60	1 Watt =	30.00 dBm	PASS
6	2437	MCS0	16.98	49.89	1 Watt =	30.00 dBm	PASS
11	2462	MCS0	13.91	24.61	1 Watt =	30.00 dBm	PASS

802.11n_HT40M Ch1							
CH	Freq. (MHz)	Data Rate	Peak Output Power (dBm)	Peak Output Power (mW)	Limit		RESULT
3	2422	MCS0	20.12	102.80	1 Watt =	30.00 dBm	PASS
6	2437	MCS0	20.32	107.65	1 Watt =	30.00 dBm	PASS
9	2452	MCS0	22.54	179.47	1 Watt =	30.00 dBm	PASS
802.11n_HT40M Ch1							
CH	Freq. (MHz)	Data Rate	Avg. Output Power (dBm)	Avg. Output Power (mW)	Limit		RESULT
3	2422	MCS0	11.18	13.12	1 Watt =	30.00 dBm	PASS
6	2437	MCS0	12.39	17.33	1 Watt =	30.00 dBm	PASS
9	2452	MCS0	14.28	26.79	1 Watt =	30.00 dBm	PASS

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Antenna Chain 2TX & MIMO

802.11b_2Tx								
CH	Freq. (MHz)	Data Rate	Peak Output		Total Peak Output Power (dBm)	Limit		RESULT
			CH 0	CH 1				
1	2412	1	22.68	22.87	25.79	1 Watt =	30.00 dBm	PASS
6	2437	1	22.76	22.81	25.80	1 Watt =	30.00 dBm	PASS
11	2462	1	21.63	22.14	24.90	1 Watt =	30.00 dBm	PASS

802.11b_2Tx								
CH	Freq. (MHz)	Data Rate	Avg. Output		Total Avg Output Power (dBm)	Limit		RESULT
			CH 0	CH 1				
1	2412	1	20.29	20.17	23.27	1 Watt =	30.00 dBm	PASS
6	2437	1	20.31	20.24	23.32	1 Watt =	30.00 dBm	PASS
11	2462	1	19.42	18.99	22.25	1 Watt =	30.00 dBm	PASS

802.11g_2Tx								
CH	Freq. (MHz)	Data Rate	Peak Output		Total Peak Output Power (dBm)	Limit		RESULT
			CH 0	CH 1				
1	2412	6	22.75	22.88	25.83	1 Watt =	30.00 dBm	PASS
6	2437	6	24.66	24.61	27.65	1 Watt =	30.00 dBm	PASS
11	2462	6	22.71	22.82	25.78	1 Watt =	30.00 dBm	PASS

802.11g_2Tx								
CH	Freq. (MHz)	Data Rate	Avg. Output		Total Avg Output Power (dBm)	Limit		RESULT
			CH 0	CH 1				
1	2412	6	13.65	13.59	16.85	1 Watt =	30.00 dBm	PASS
6	2437	6	15.26	15.39	18.55	1 Watt =	30.00 dBm	PASS
11	2462	6	13.28	13.42	16.58	1 Watt =	30.00 dBm	PASS

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802.11n_HT20M_MIMO

CH	Freq. (MHz)	Data Rate	Peak Output		Total Peak Output Power (dBm)	Limit	RESULT
			CH 0	CH 1			
1	2412	MCS8	24.51	24.48	27.51	1 Watt = 30.00 dBm	PASS
6	2437	MCS8	24.58	24.65	27.63	1 Watt = 30.00 dBm	PASS
11	2462	MCS8	22.74	22.09	25.44	1 Watt = 30.00 dBm	PASS

802.11n_HT20M_MIMO

CH	Freq. (MHz)	Data Rate	Avg. Output		Total Avg Output Power (dBm)	Limit	RESULT
			CH 0	CH 1			
1	2412	MCS8	11.5	11.38	14.89	1 Watt = 30.00 dBm	PASS
6	2437	MCS8	15.86	16.12	19.44	1 Watt = 30.00 dBm	PASS
11	2462	MCS8	13.24	13.11	16.63	1 Watt = 30.00 dBm	PASS

802.11n_HT40M_MIMO

CH	Freq. (MHz)	Data Rate	Peak Output		Total Peak Output Power (dBm)	Limit	RESULT
			CH 0	CH 1			
3	2422	MCS8	10.13	10.04	13.10	1 Watt = 30.00 dBm	PASS
6	2437	MCS8	11.11	11.17	14.15	1 Watt = 30.00 dBm	PASS
9	2452	MCS8	12.81	12.89	15.86	1 Watt = 30.00 dBm	PASS

802.11n_HT40M_MIMO

CH	Freq. (MHz)	Data Rate	Avg. Output		Total Avg Output Power (dBm)	Limit	RESULT
			CH 0	CH 1			
3	2422	MCS8	10.13	10.04	13.83	1 Watt = 30.00 dBm	PASS
6	2437	MCS8	11.11	11.17	14.89	1 Watt = 30.00 dBm	PASS
9	2452	MCS8	12.81	12.89	16.60	1 Watt = 30.00 dBm	PASS

**Note: Measured by Power Meter.*

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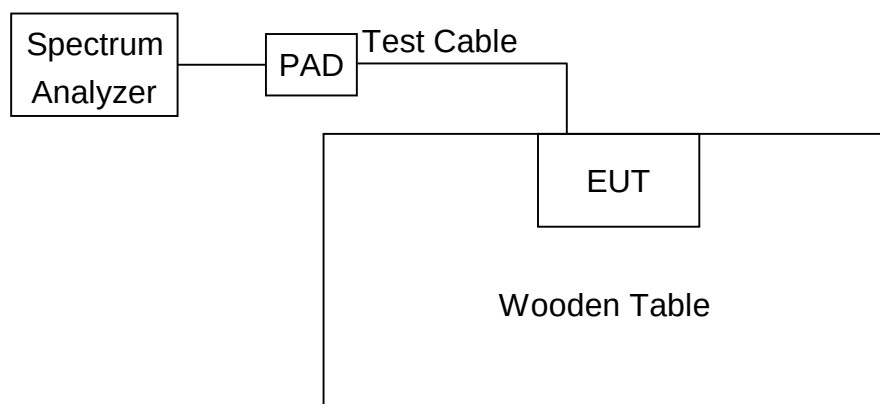
10 開放頻帶邊緣 100kHz 頻寬內之限制

10.1 適用標準

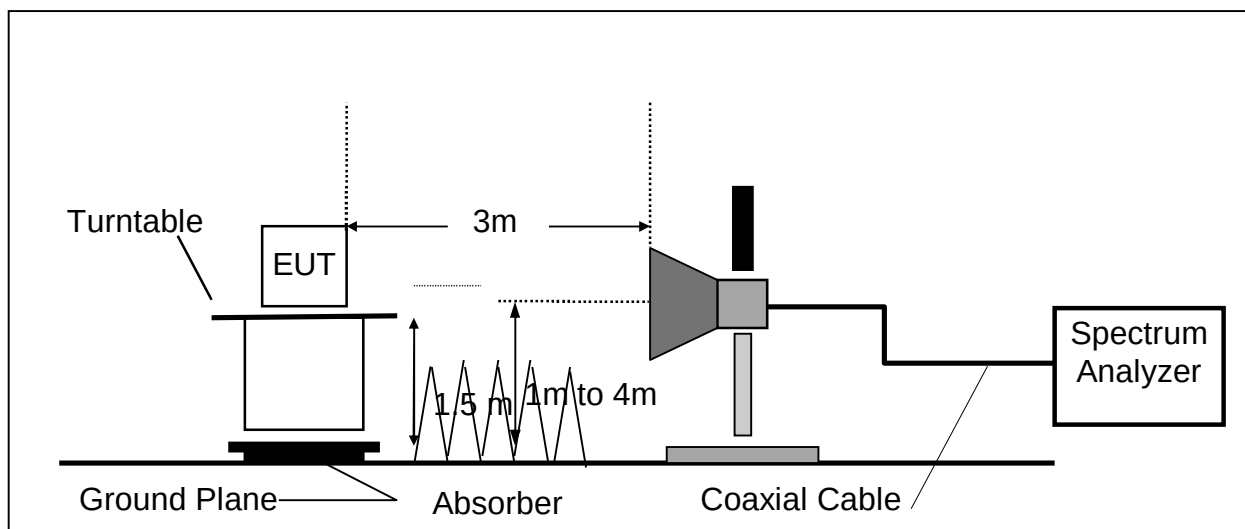
依據 NCC 低功率射頻電機技術規範 3.10.1.5 之規定，使用頻帶範圍外之任意 100kHz 內，發射器所產生的射頻功率相較於使用頻帶範圍中包含最高所需功率之 100kHz 內的射頻功率，須衰減 20 分貝 (dB)，以射頻傳導或輻射方式測量。此外，落於第 2.7 節禁用頻段之輻射發射，應符合第 2.8 節之規定。

10.2 開放頻帶邊緣之測試配置

(a) 傳導量測配置圖:



(b) 輻射量測配置圖:



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10.3 開放頻帶邊緣之量測結果

10.3.1 頻帶外發射傳導量測值

發射限制測試值 CH Low (下邊緣頻帶): 在 2400.00MHz 之 100kHz 頻寬內最大值皆比主波低 20dB 以上。

發射限制測試值 CH High(上邊緣頻帶): 在 2483.50MHz 之 100kHz 頻寬內最大值皆比主波低 20dB 以上。

NOTE:

$Actual\ FS(dB\mu V/m) = SPA.\ Reading\ level(dB\mu V) + Factor(dB)$

$Factor(dB) = Antenna\ Factor(dB\mu V/m) + Cable\ Loss(dB) - Pre_Amplifier\ Gain(dB)$

頻帶外發射傳導限制值

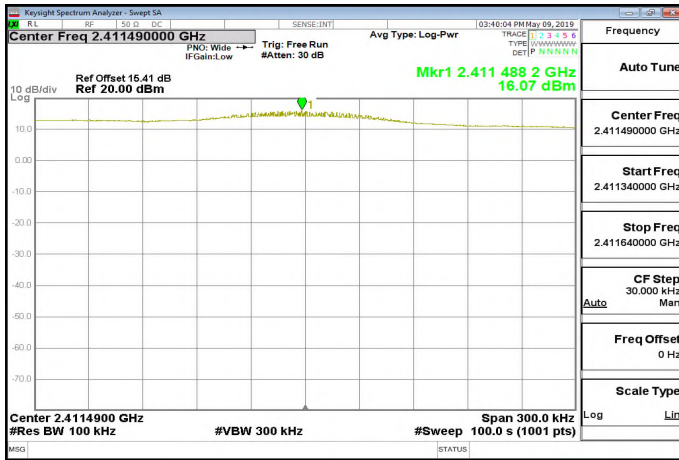
Bandedge Limit 802.11b MODE			Bandedge Limit 802.11g MODE		
Frequency (MHz)	RF Power Density (dBm)	Bandedge Limit (dBm)	Frequency (MHz)	RF Power Density (dBm)	Bandedge Limit (dBm)
2412	16.07	-3.93	2412	3.71	-16.29
2437	15.68	-4.32	2437	5.39	-14.61
2462	14.59	-5.41	2462	3.10	-16.90
Bandedge Limit 802.11n20 MODE			Bandedge Limit 802.11n40 MODE		
Frequency (MHz)	RF Power Density (dBm)	Bandedge Limit (dBm)	Frequency (MHz)	RF Power Density (dBm)	Bandedge Limit (dBm)
2412	3.11	-16.89	2422	-0.56	-20.56
2437	7.72	-12.28	2437	0.55	-19.45
2462	4.50	-15.50	2452	1.92	-18.08

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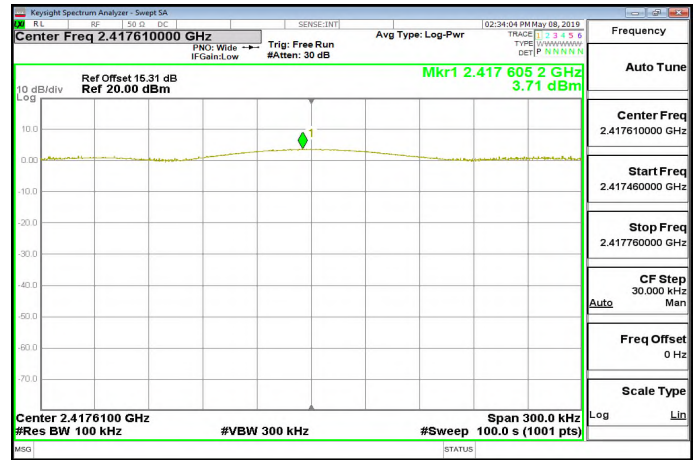
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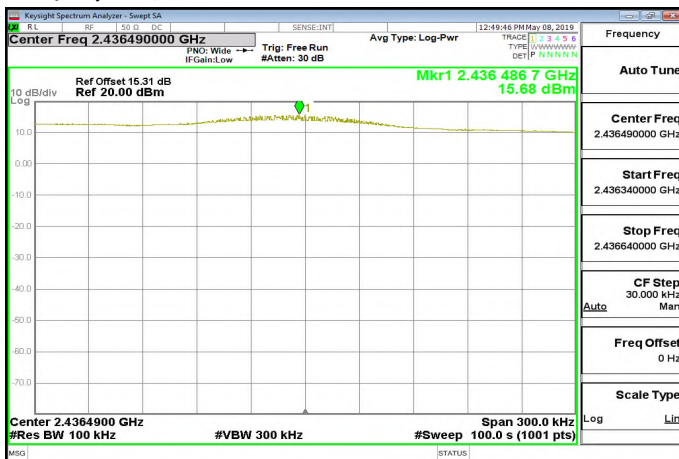
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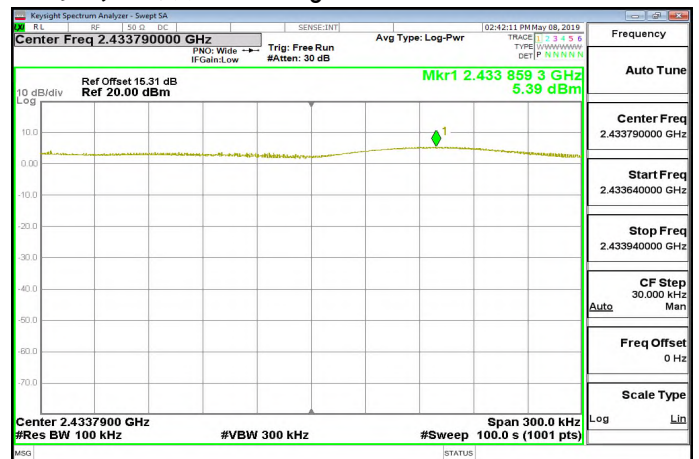
參考限制值_802.11g_20MHz_Chain0_2412MHz



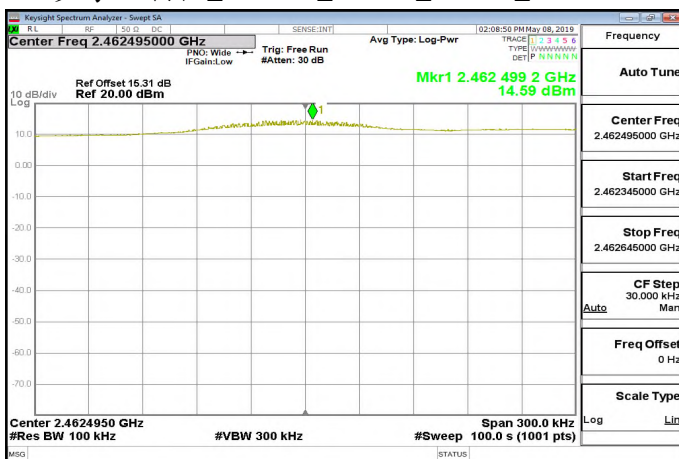
參考限制值_802.11b_20MHz_Chain0_2437MHz



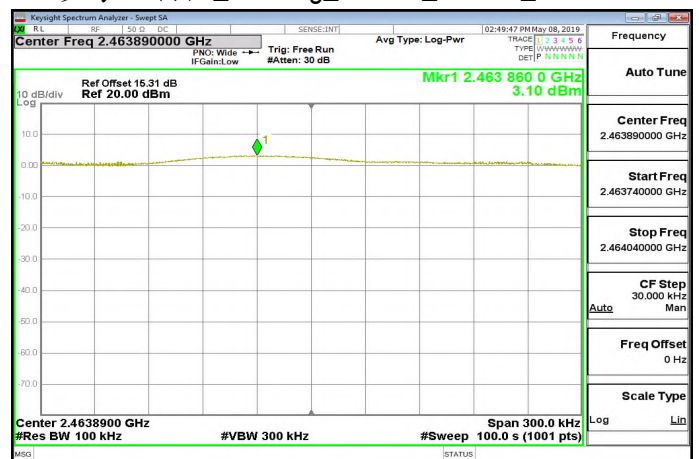
參考限制值_802.11g_20MHz_Chain0_2437MHz



參考限制值_802.11b_20MHz_Chain0_2462MHz



參考限制值_802.11g_20MHz_Chain0_2462MHz

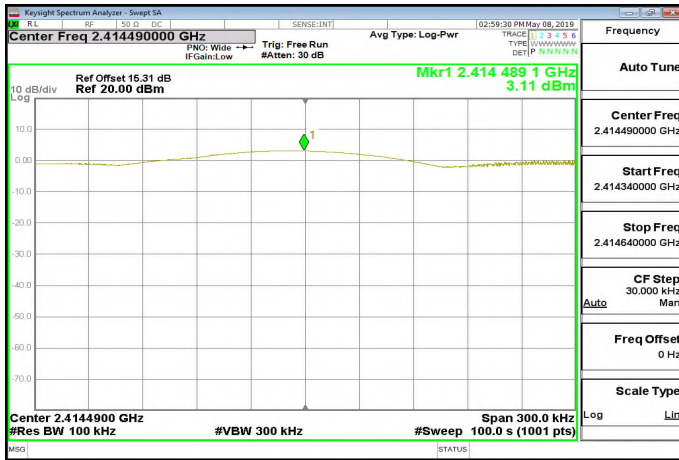


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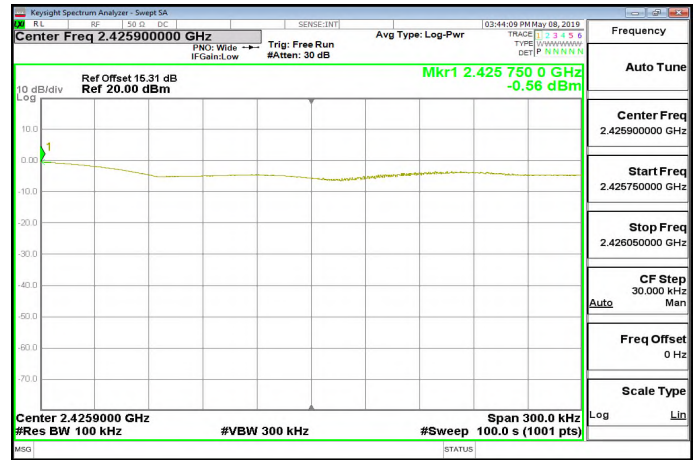
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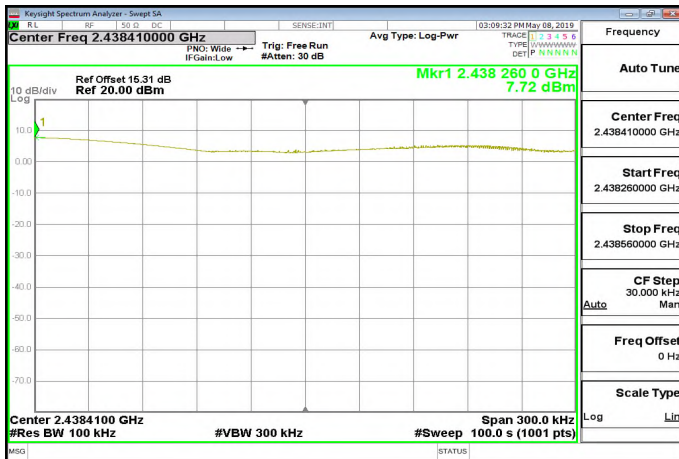
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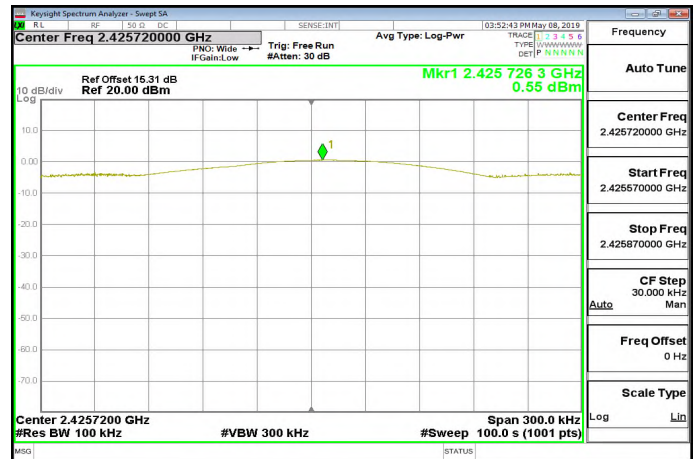
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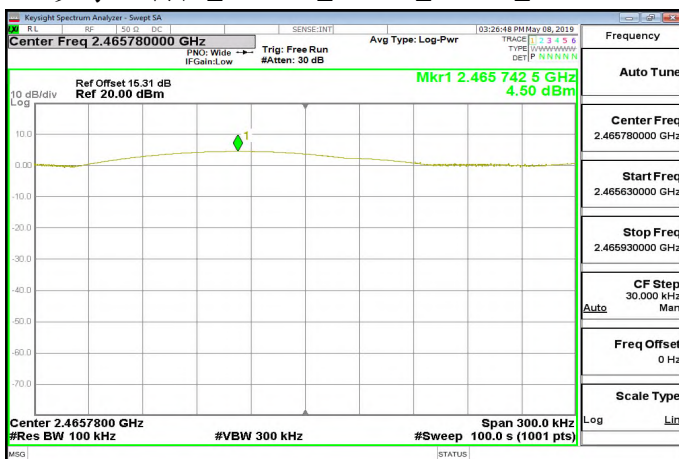
參考限制值_802.11n_20MHz_Chain0_2437MHz



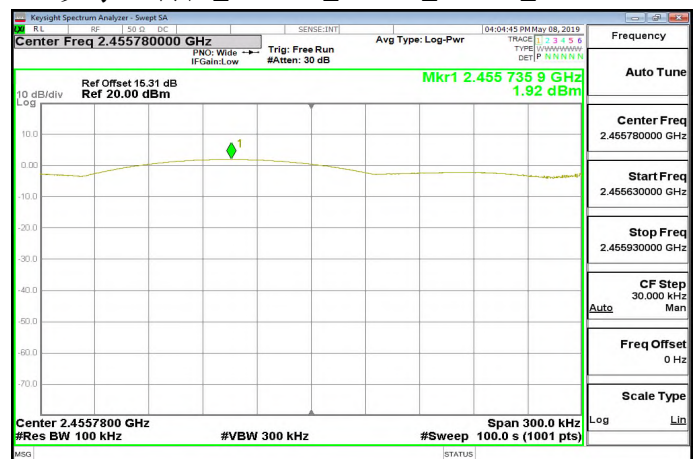
參考限制值_802.11n_40MHz_Chain0_2437MHz



參考限制值_802.11n_20MHz_Chain0_2462MHz



參考限制值_802.11n_40MHz_Chain0_2452MHz



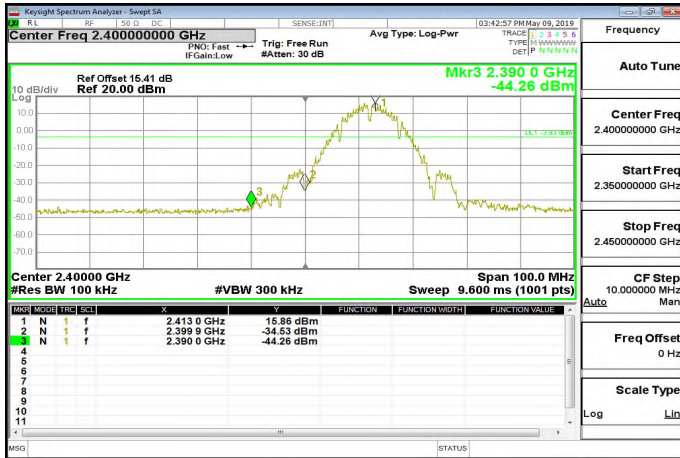
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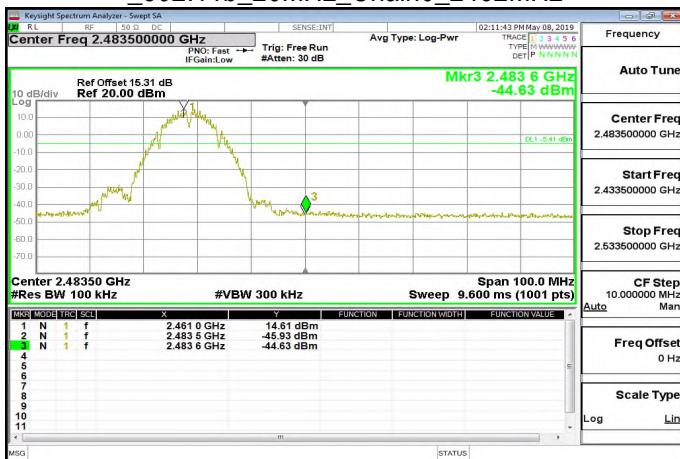
開放頻帶邊緣 100KHz 頻寬內之限制

802.11b_20MHz_Chain0_2412MHz



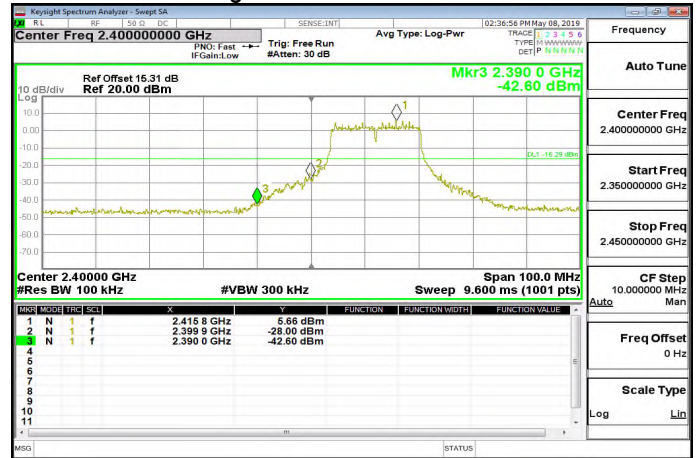
開放頻帶邊緣 100KHz 頻寬內之限制

802.11b_20MHz_Chain0_2462MHz



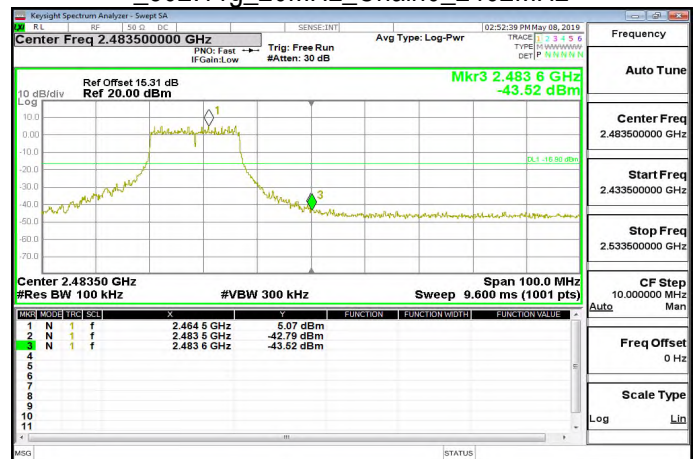
開放頻帶邊緣 100KHz 頻寬內之限制

802.11g_20MHz_Chain0_2412MHz



開放頻帶邊緣 100KHz 頻寬內之限制

802.11g_20MHz_Chain0_2462MHz



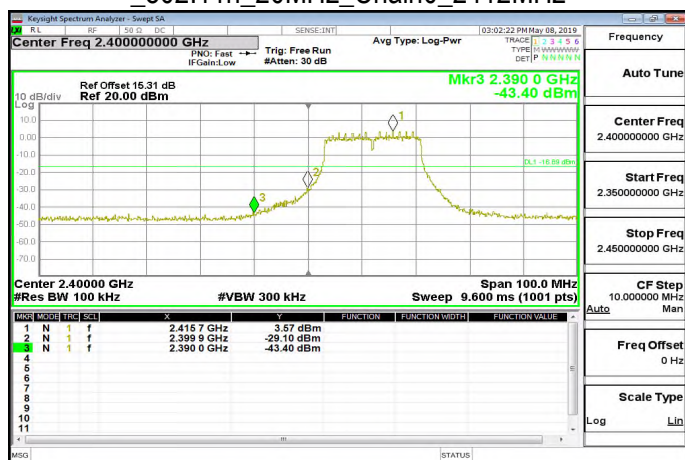
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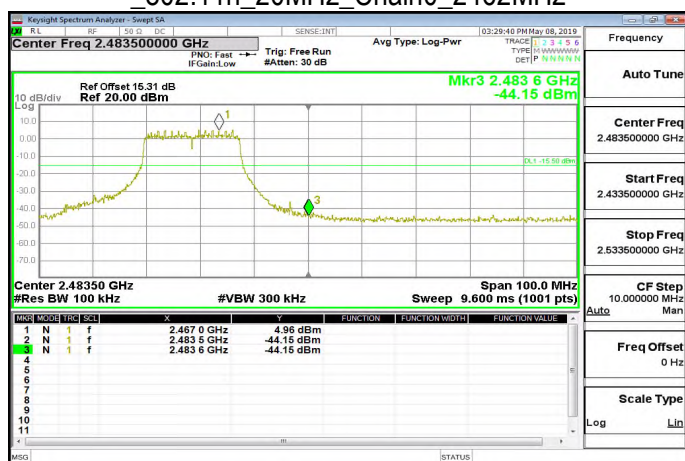
開放頻帶邊緣 100KHz 頻寬內之限制

802.11n_20MHz_Chain0_2412MHz



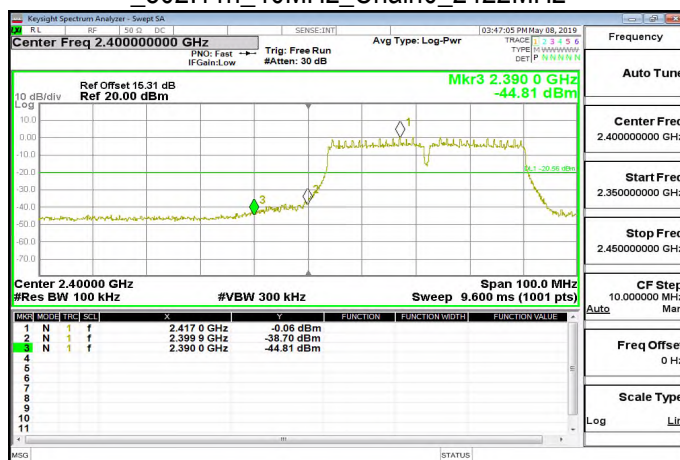
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802.11n_20MHz_Chain0_2462MHz



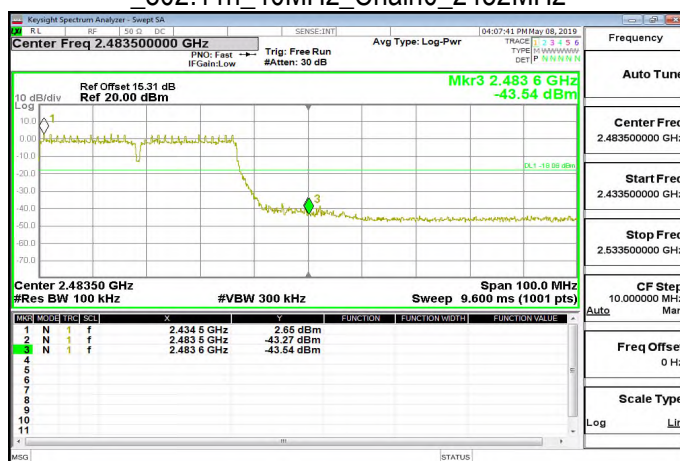
開放頻帶邊緣 100KHz 頻寬內之限制

802.11n_40MHz_Chain0_2422MHz



開放頻帶邊緣 100KHz 頻寬內之限制

802.11n_40MHz_Chain0_2452MHz



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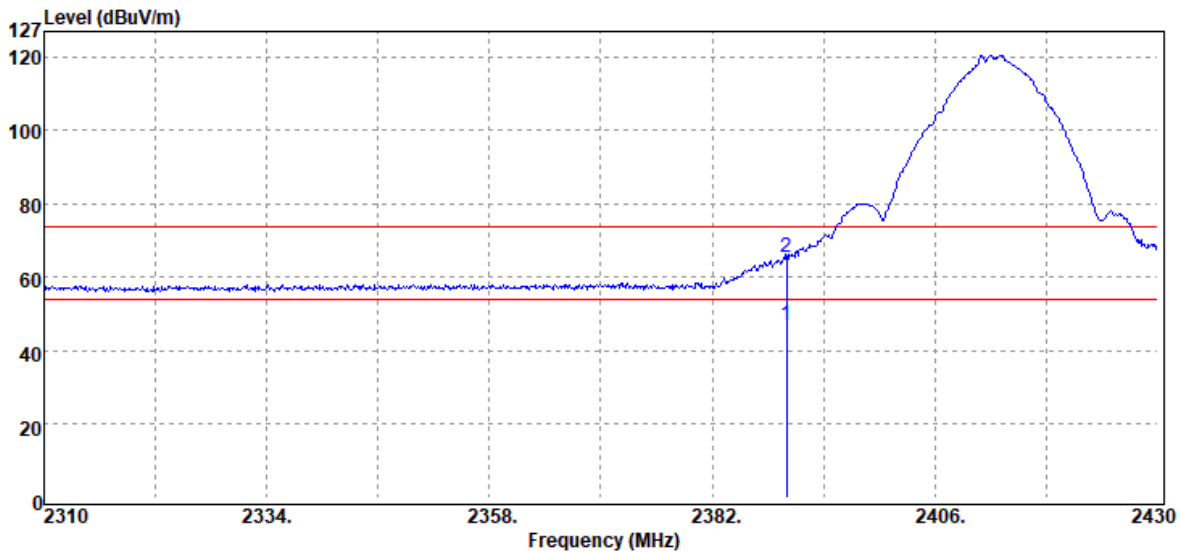
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10.3.2 禁用頻帶輻射量測值

Dipole Antenna (Model No.: WTS2450)

Project Number : T190430W01
 Operation Band :802.11b
 Fundamental Frequency :2412 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-08
 Temp./Humi. :21/55
 Engineer :Jerry
 Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	50.52	-3.38	47.14	54.00	-6.86
2390.00	Peak	69.00	-3.38	65.62	74.00	-8.38

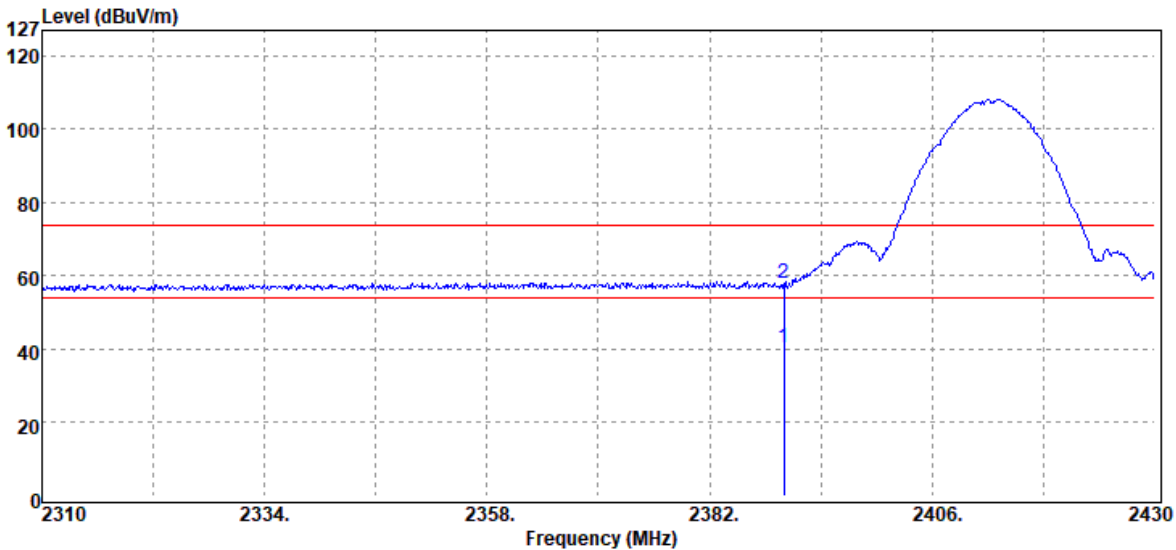
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Project Number : T190430W01
Operation Band :802.11b
Fundamental Frequency :2412 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-08
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	43.59	-3.38	40.21	54.00	-13.79
2390.00	Peak	61.23	-3.38	57.85	74.00	-16.15

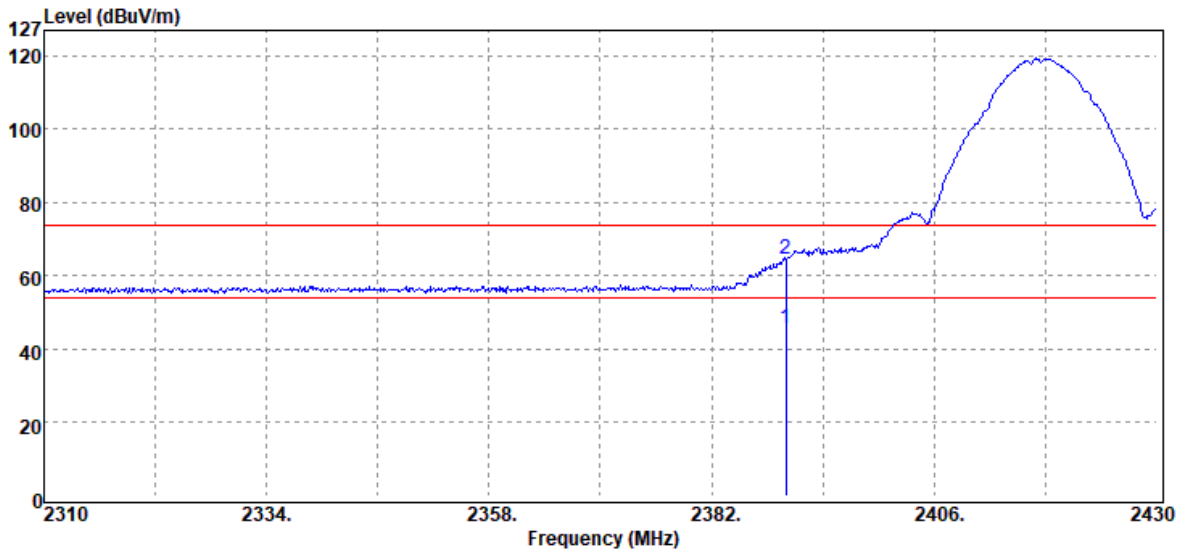
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Project Number : T190430W01
Operation Band :802.11b
Fundamental Frequency :2417 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-08
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	49.02	-3.38	45.64	54.00	-8.36
2390.00	Peak	68.14	-3.38	64.76	74.00	-9.24

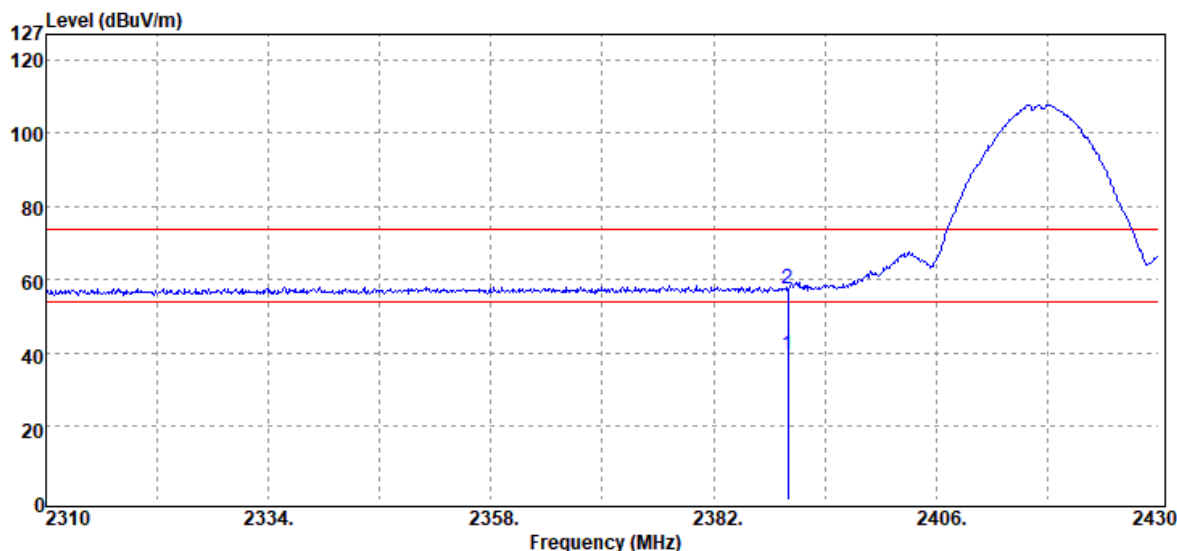
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Project Number : T190430W01
 Operation Band :802.11b
 Fundamental Frequency :2417 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-08
 Temp./Humi. :21/55
 Engineer :Jerry
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	43.14	-3.38	39.76	54.00	-14.24
2390.00	Peak	60.82	-3.38	57.44	74.00	-16.56

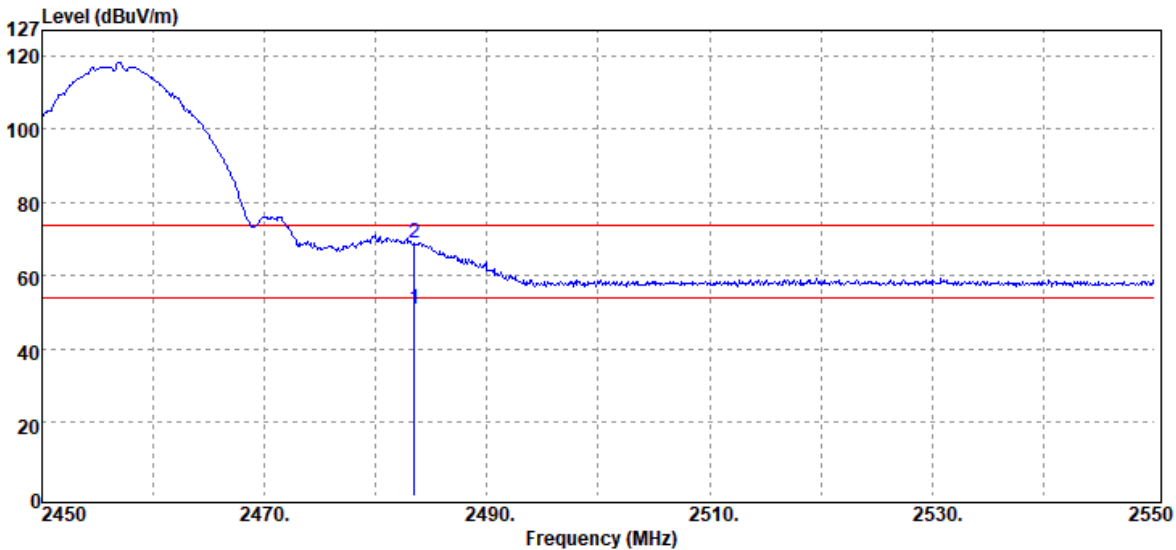
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Project Number : T190430W01
Operation Band :802.11b
Fundamental Frequency :2457 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-08
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	54.02	-2.83	51.19	54.00	-2.81
2483.50	Peak	71.85	-2.83	69.02	74.00	-4.98

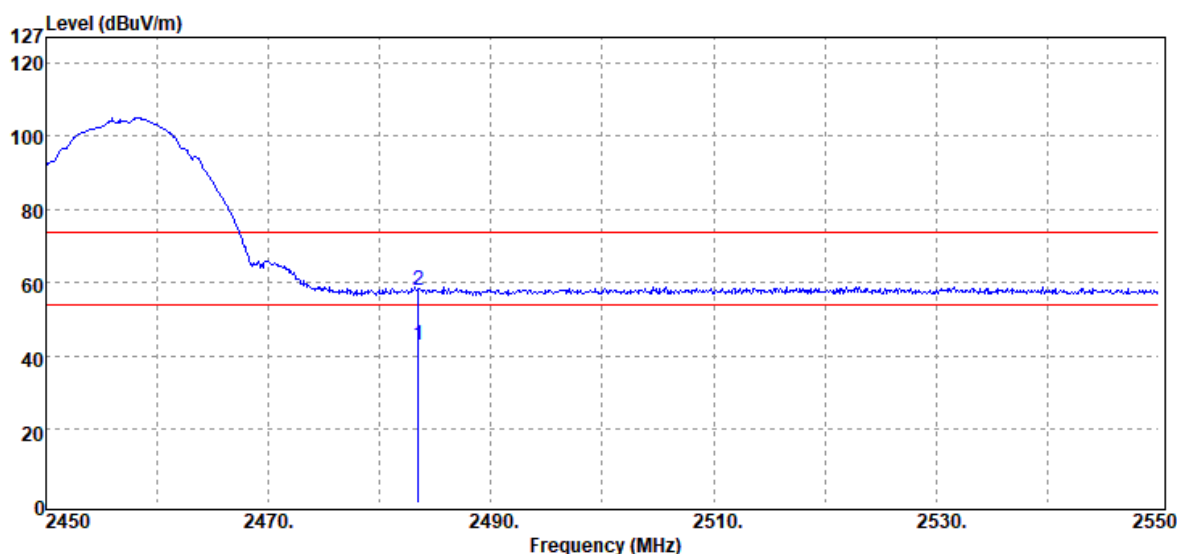
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Project Number : T190430W01
 Operation Band :802.11b
 Fundamental Frequency :2457 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-08
 Temp./Humi. :21/55
 Engineer :Jerry
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	46.03	-2.83	43.20	54.00	-10.80
2483.50	Peak	60.92	-2.83	58.09	74.00	-15.91

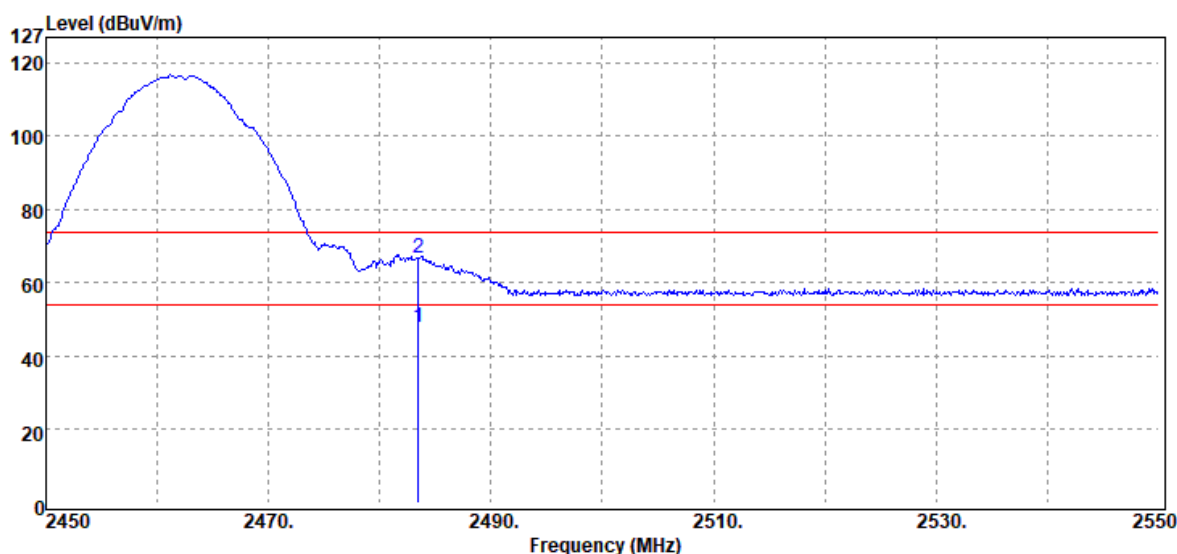
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Project Number : T190430W01
 Operation Band :802.11b
 Fundamental Frequency :2462 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-08
 Temp./Humi. :21/55
 Engineer :Jerry
 Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	50.79	-2.83	47.96	54.00	-6.04
2483.50	Peak	69.65	-2.83	66.82	74.00	-7.18

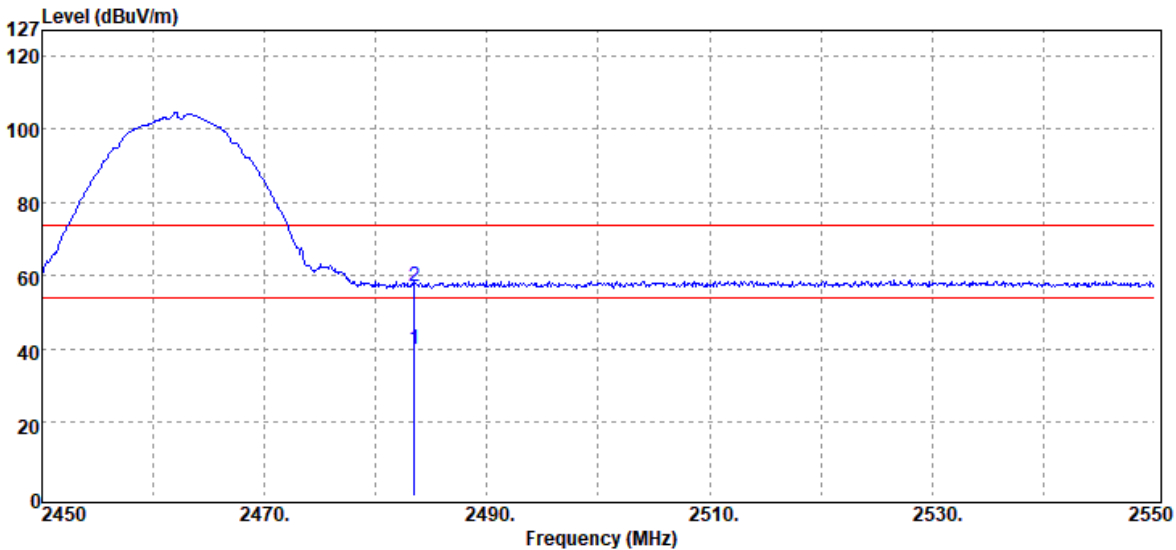
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Project Number : T190430W01
Operation Band :802.11b
Fundamental Frequency :2462 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-08
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	42.81	-2.83	39.98	54.00	-14.02
2483.50	Peak	59.97	-2.83	57.14	74.00	-16.86

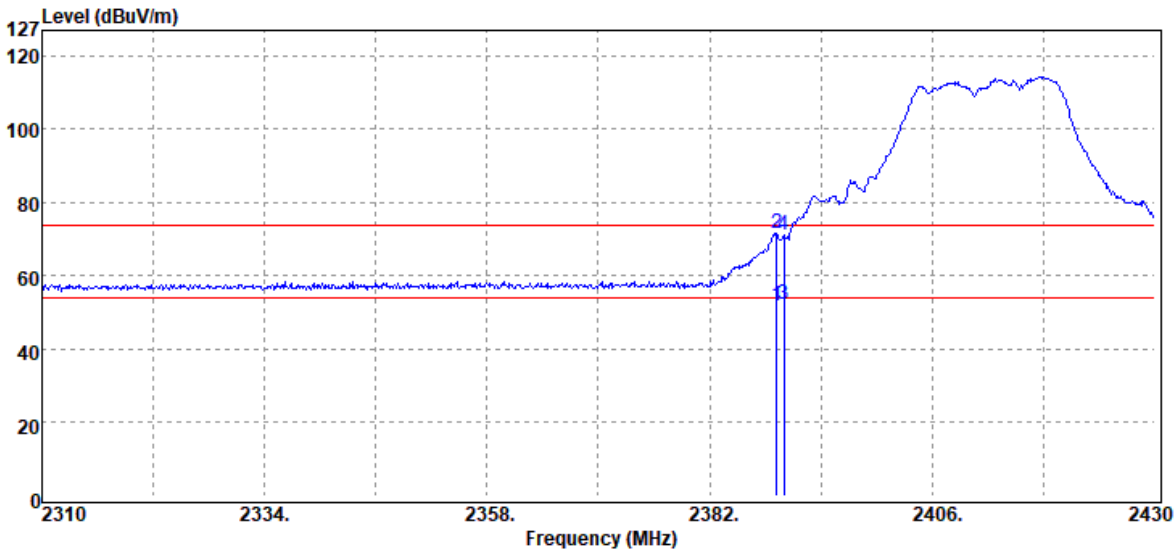
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2412 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2389.20	Average	55.46	-3.39	52.07	54.00	-1.93
2389.20	Peak	74.98	-3.39	71.59	74.00	-2.41
2390.00	Average	55.58	-3.38	52.20	54.00	-1.80
2390.00	Peak	74.36	-3.38	70.98	74.00	-3.02

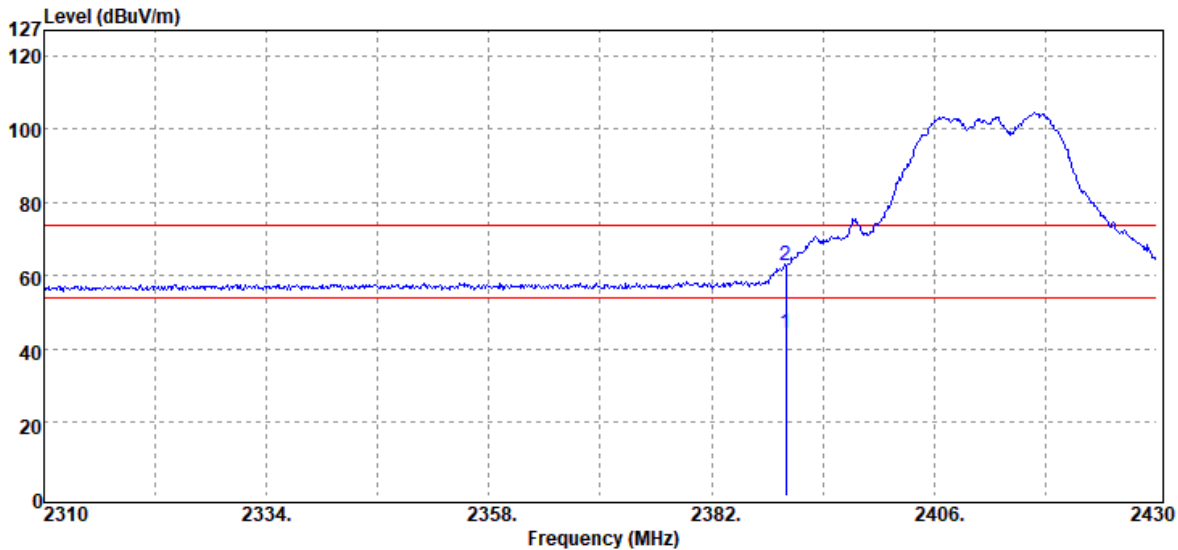
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2412 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	47.71	-3.38	44.33	54.00	-9.67
2390.00	Peak	66.21	-3.38	62.83	74.00	-11.17

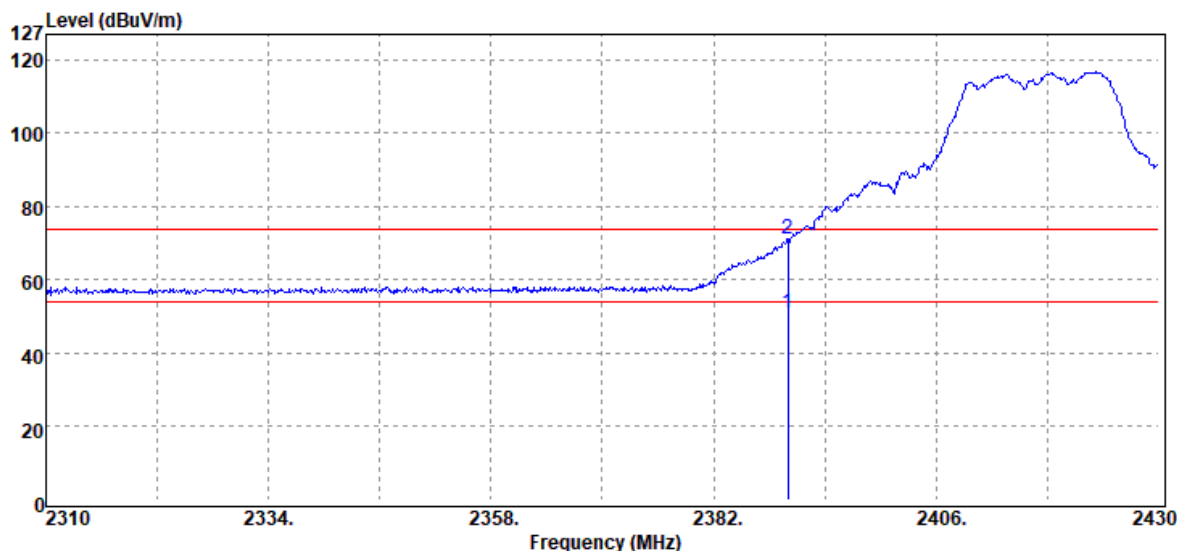
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2417 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	54.53	-3.38	51.15	54.00	-2.85
2390.00	Peak	74.37	-3.38	70.99	74.00	-3.01

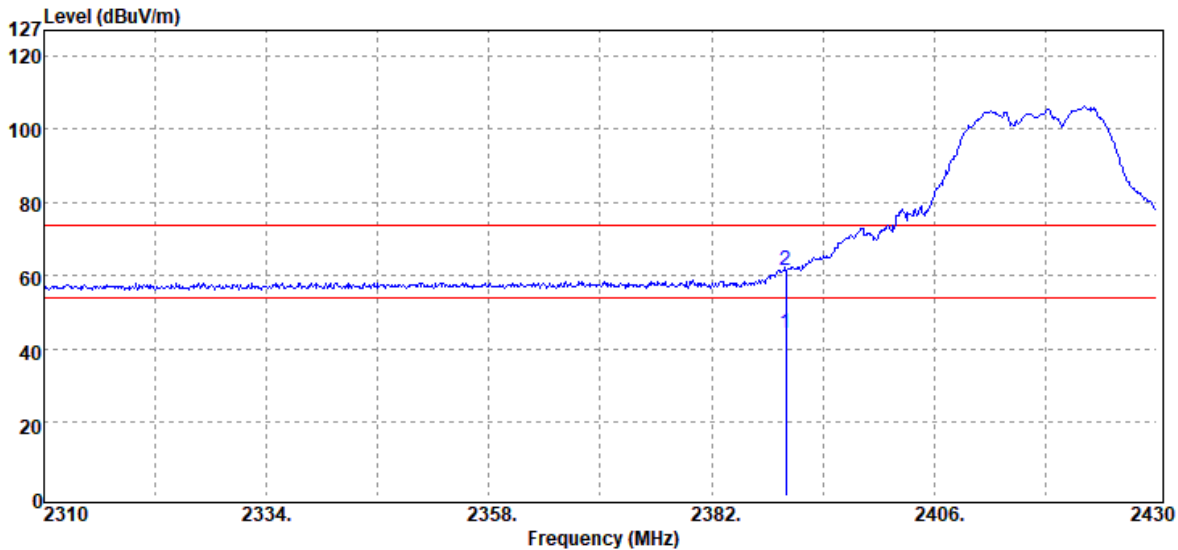
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2417 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	47.61	-3.38	44.23	54.00	-9.77
2390.00	Peak	65.12	-3.38	61.74	74.00	-12.26

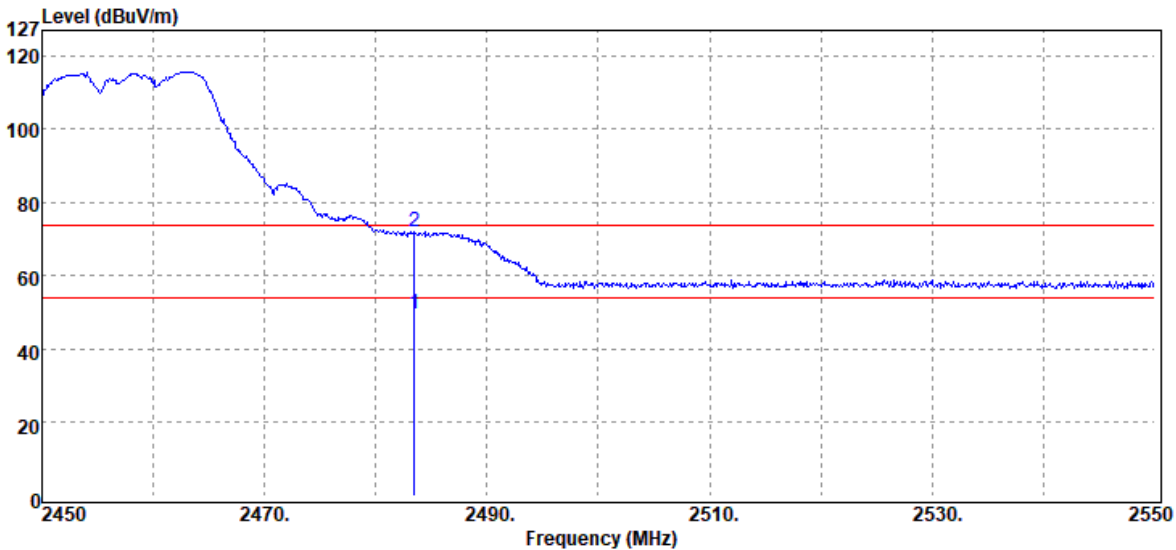
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2457 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	52.31	-2.83	49.48	54.00	-4.52
2483.50	Peak	74.91	-2.83	72.08	74.00	-1.92

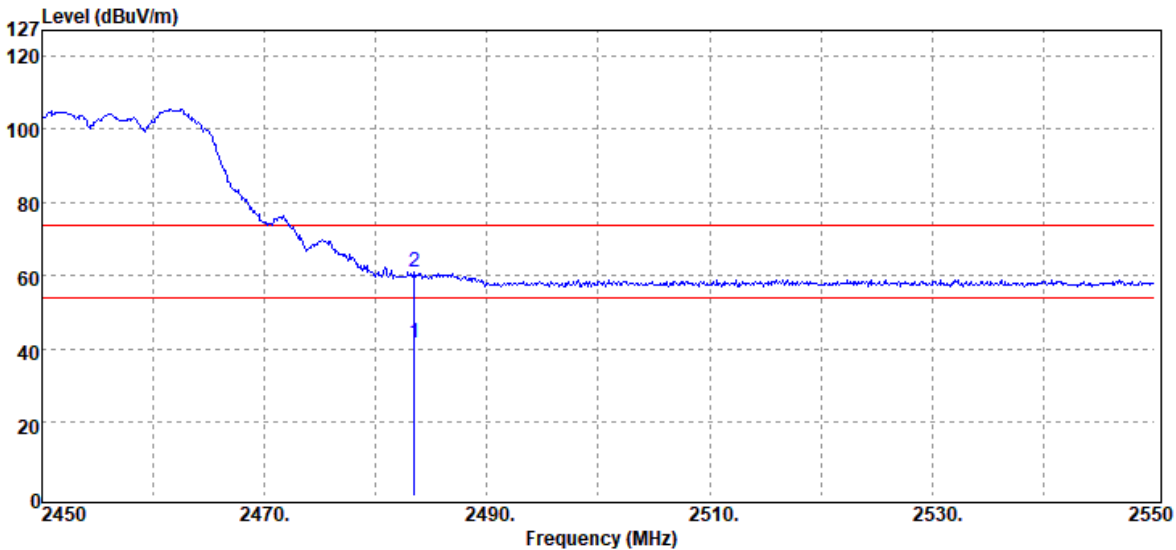
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2457 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	44.47	-2.83	41.64	54.00	-12.36
2483.50	Peak	64.03	-2.83	61.20	74.00	-12.80

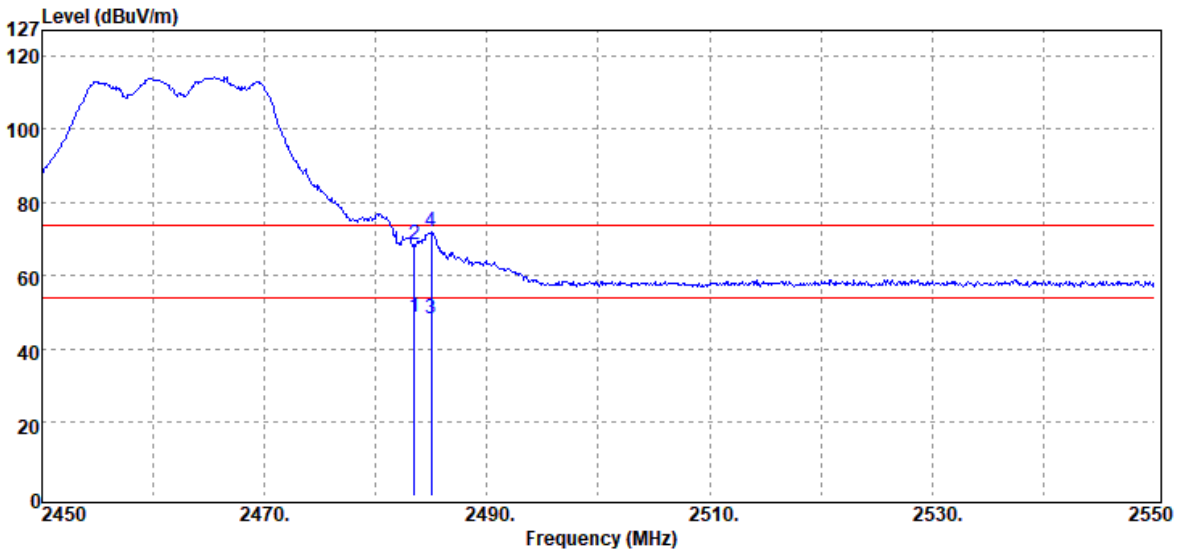
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2462 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	51.73	-2.83	48.90	54.00	-5.10
2483.50	Peak	71.21	-2.83	68.38	74.00	-5.62
2485.00	Average	51.30	-2.82	48.48	54.00	-5.52
2485.00	Peak	74.80	-2.82	71.98	74.00	-2.02

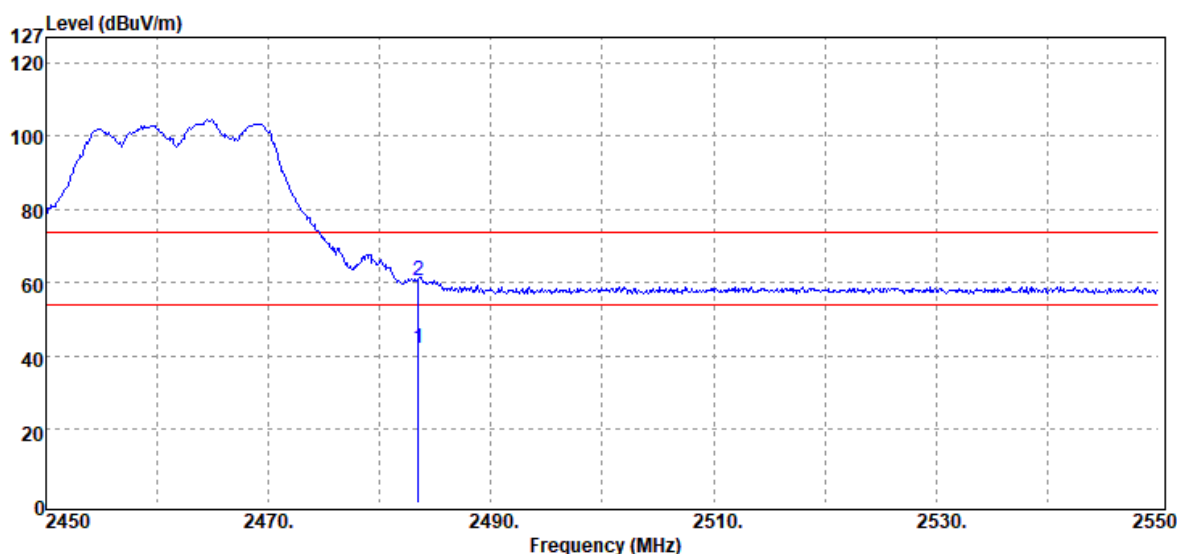
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2462 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	44.80	-2.83	41.97	54.00	-12.03
2483.50	Peak	63.46	-2.83	60.63	74.00	-13.37

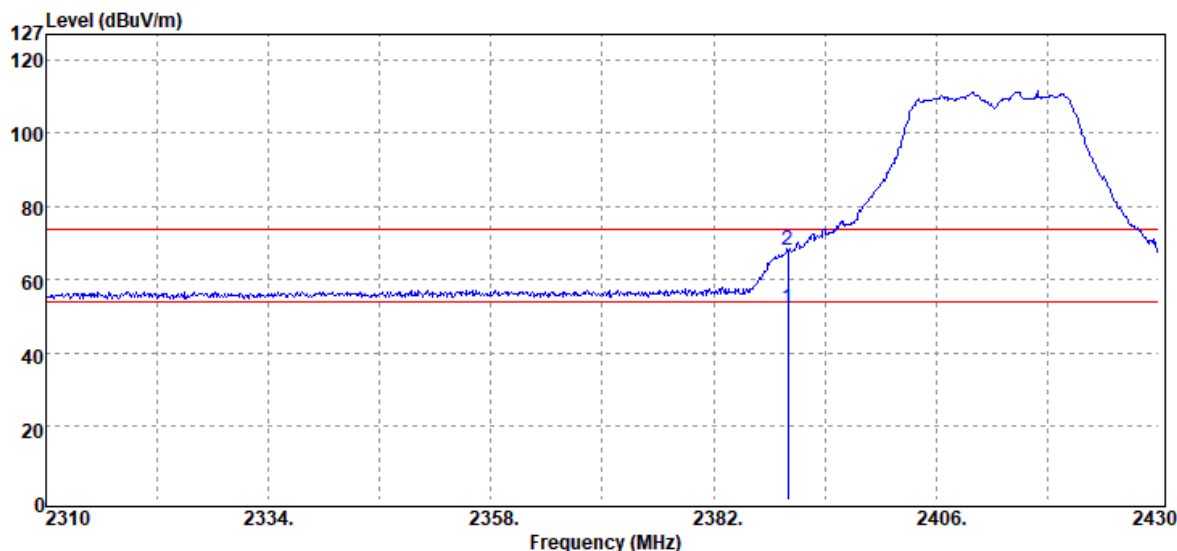
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Project Number : T190430W01
 Operation Band :802.11n20
 Fundamental Frequency :2412 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-09
 Temp./Humi. :21/55
 Engineer :Jerry
 Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	55.64	-3.38	52.26	54.00	-1.74
2390.00	Peak	71.44	-3.38	68.06	74.00	-5.94

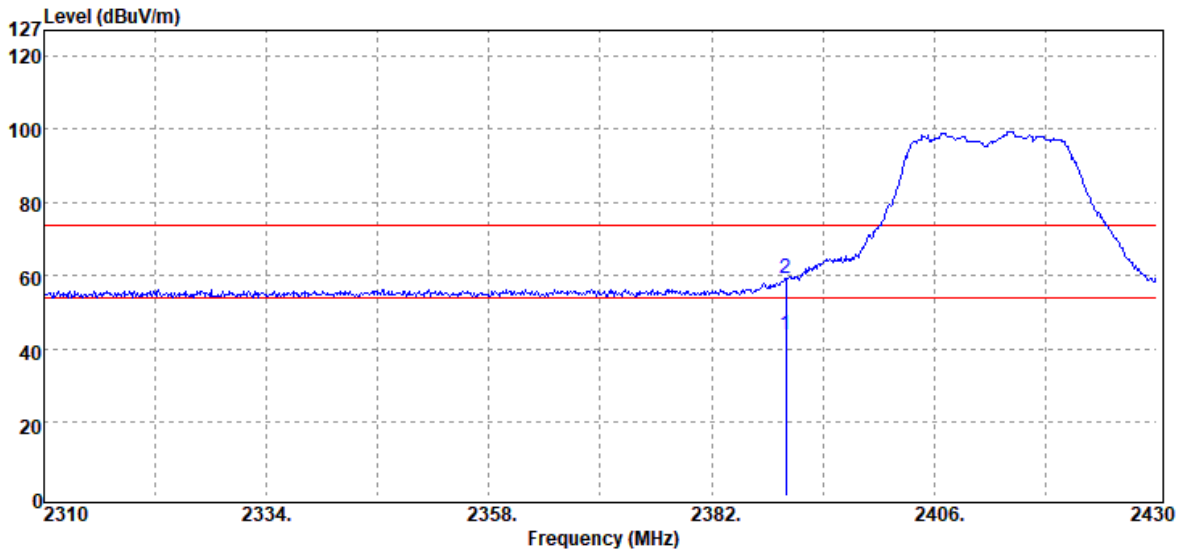
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Project Number : T190430W01
Operation Band :802.11n20
Fundamental Frequency :2412 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBuV/m	Limit @3m dBuV/m	Margin dB
2390.00	Average	47.48	-3.38	44.10	54.00	-9.90
2390.00	Peak	62.91	-3.38	59.53	74.00	-14.47

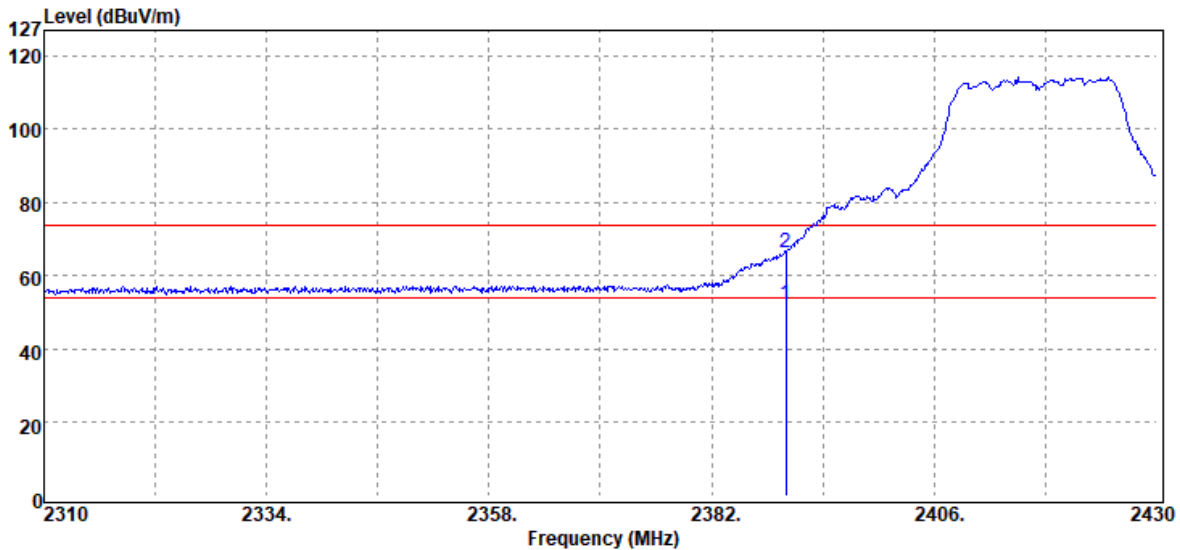
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Project Number : T190430W01
Operation Band :802.11n20
Fundamental Frequency :2417 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	55.49	-3.38	52.11	54.00	-1.89
2390.00	Peak	69.91	-3.38	66.53	74.00	-7.47

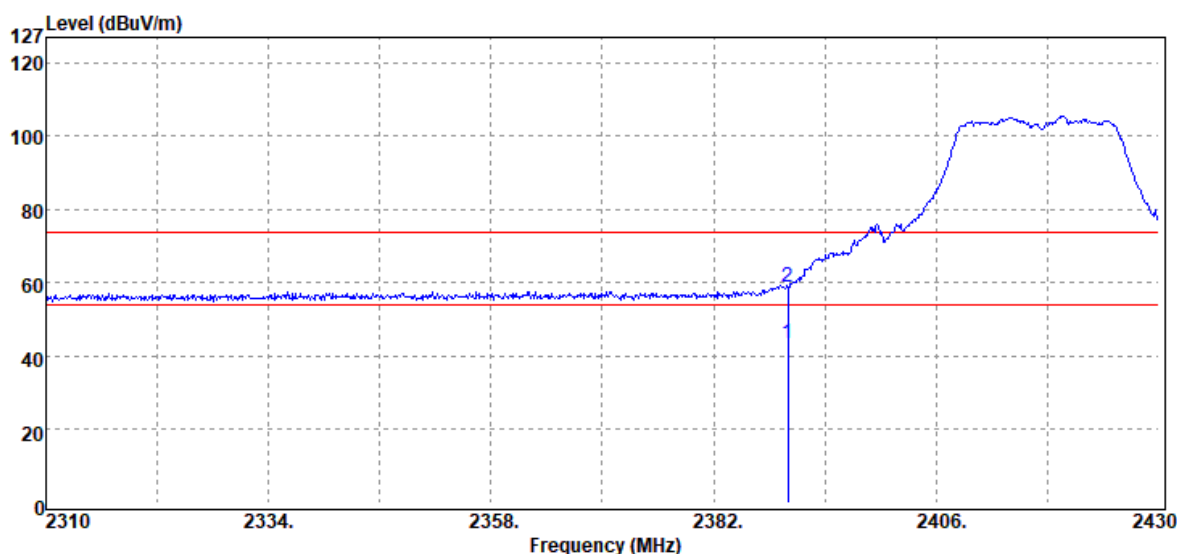
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Project Number : T190430W01
 Operation Band :802.11n20
 Fundamental Frequency :2417 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-09
 Temp./Humi. :21/55
 Engineer :Jerry
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	47.10	-3.38	43.72	54.00	-10.28
2390.00	Peak	62.22	-3.38	58.84	74.00	-15.16

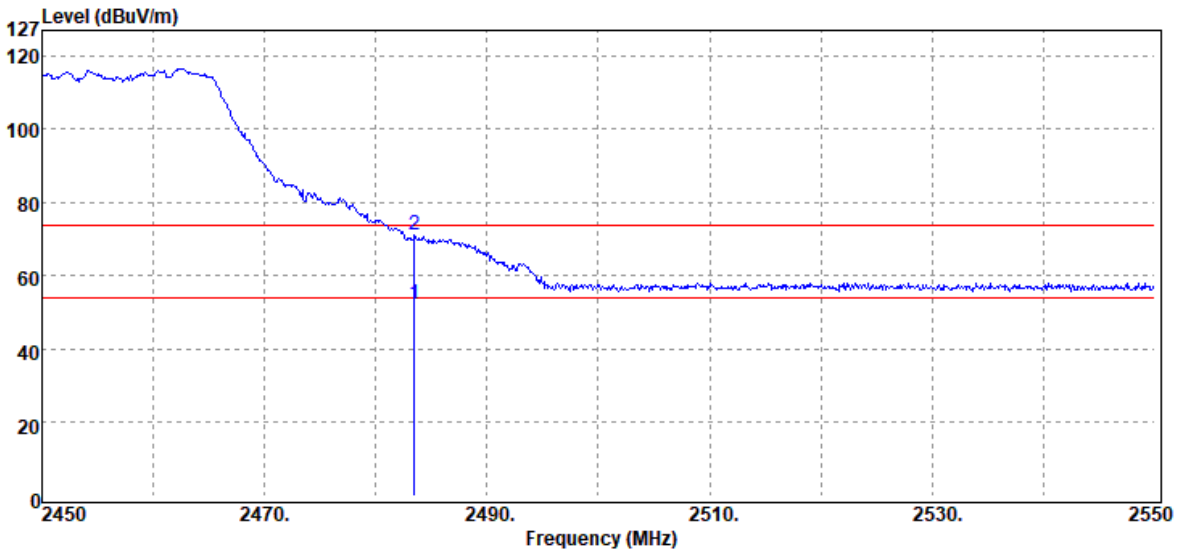
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Project Number : T190430W01
Operation Band :802.11n20
Fundamental Frequency :2457 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	55.14	-2.83	52.31	54.00	-1.69
2483.50	Peak	73.89	-2.83	71.06	74.00	-2.94

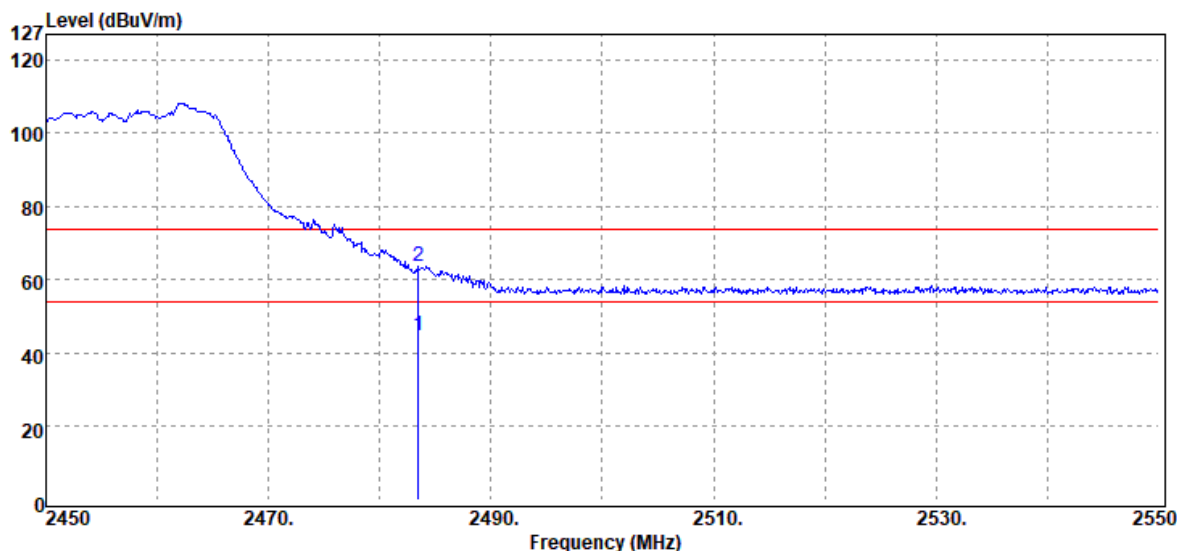
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Project Number : T190430W01
 Operation Band :802.11n20
 Fundamental Frequency :2457 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-09
 Temp./Humi. :21/55
 Engineer :Jerry
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	47.65	-2.83	44.82	54.00	-9.18
2483.50	Peak	66.64	-2.83	63.81	74.00	-10.19

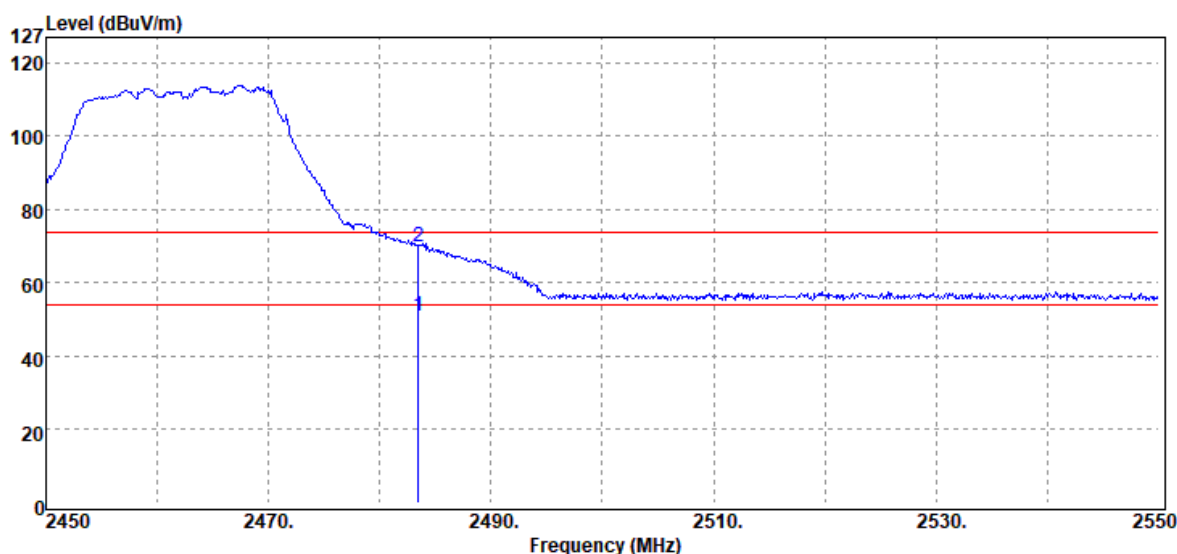
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Project Number : T190430W01
 Operation Band :802.11n20
 Fundamental Frequency :2462 MHz
 Operation Mode :BE CH High
 EUT Pol. :E2 Plan

Test Date :2019-05-09
 Temp./Humi. :21/55
 Engineer :Jerry
 Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	53.80	-2.83	50.97	54.00	-3.03
2483.50	Peak	72.85	-2.83	70.02	74.00	-3.98

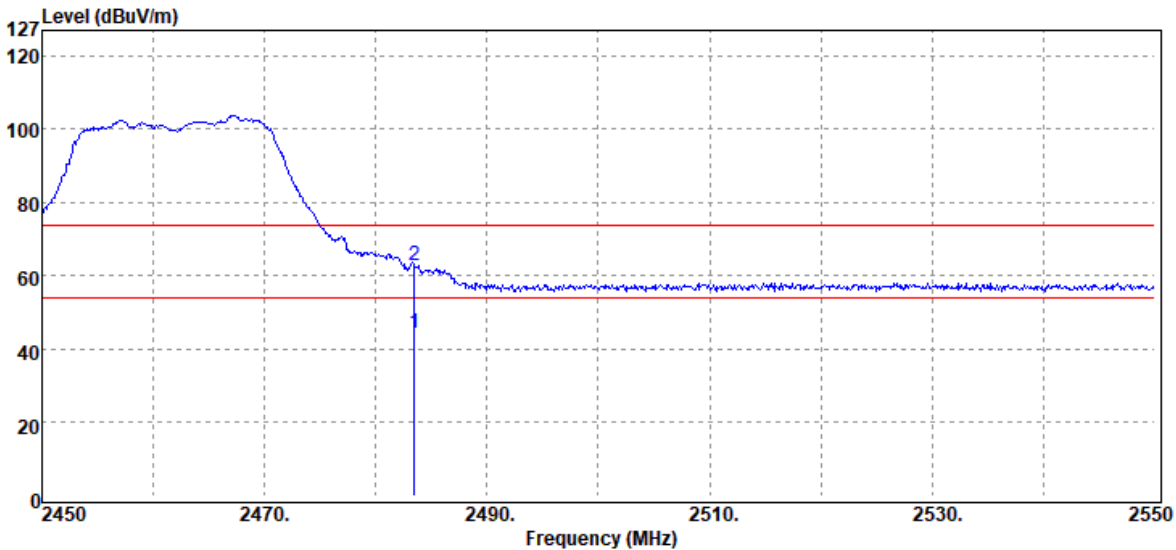
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Project Number : T190430W01
Operation Band :802.11n20
Fundamental Frequency :2462 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	47.11	-2.83	44.28	54.00	-9.72
2483.50	Peak	65.66	-2.83	62.83	74.00	-11.17

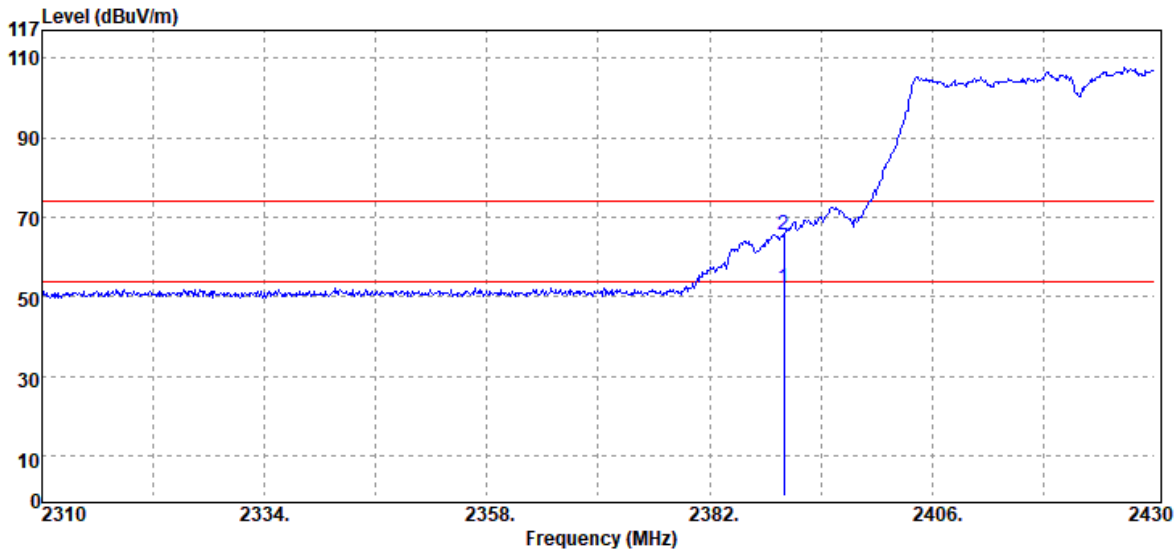
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2422 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	55.76	-3.38	52.38	54.00	-1.62
2390.00	Peak	69.12	-3.38	65.74	74.00	-8.26

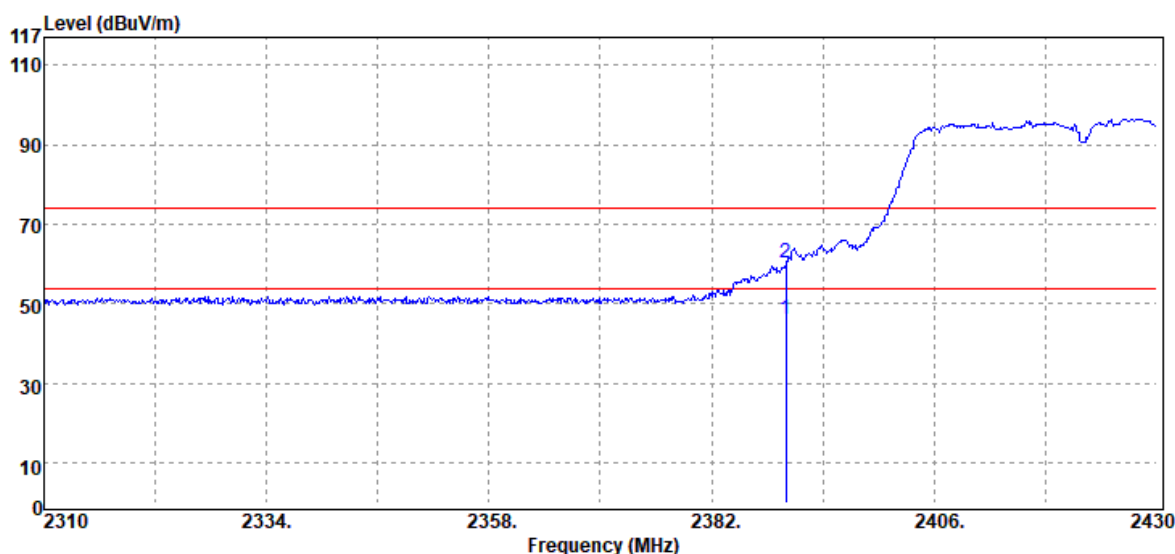
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Project Number : T190430W01
 Operation Band :802.11n40
 Fundamental Frequency :2422 MHz
 Operation Mode :BE CH Low
 EUT Pol. :E2 Plan

Test Date :2019-05-09
 Temp./Humi. :21/55
 Engineer :Jerry
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	49.69	-3.38	46.31	54.00	-7.69
2390.00	Peak	63.63	-3.38	60.25	74.00	-13.75

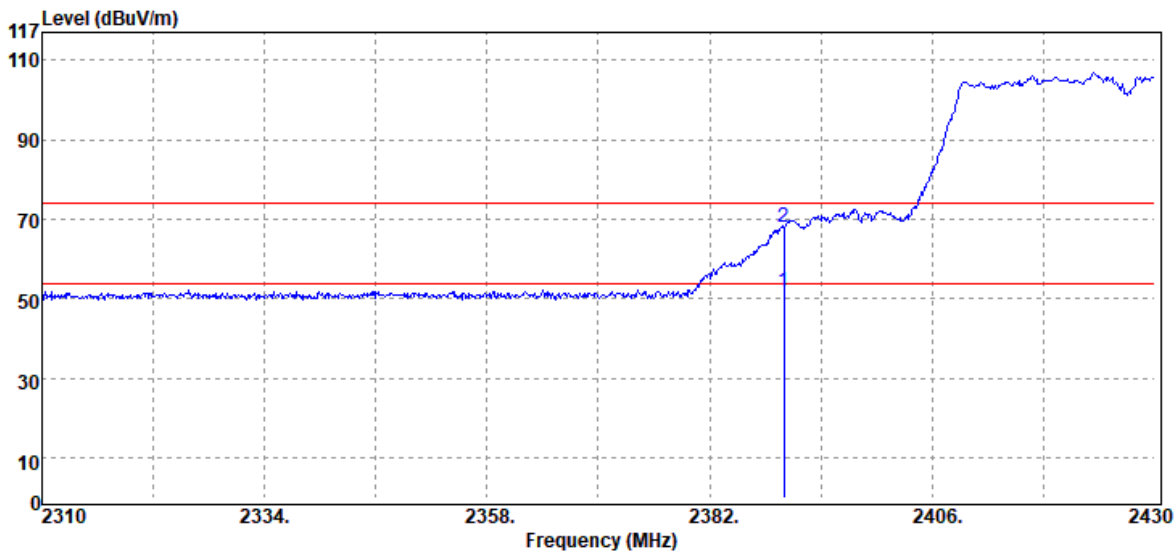
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2427 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	55.31	-3.38	51.93	54.00	-2.07
2390.00	Peak	71.42	-3.38	68.04	74.00	-5.96

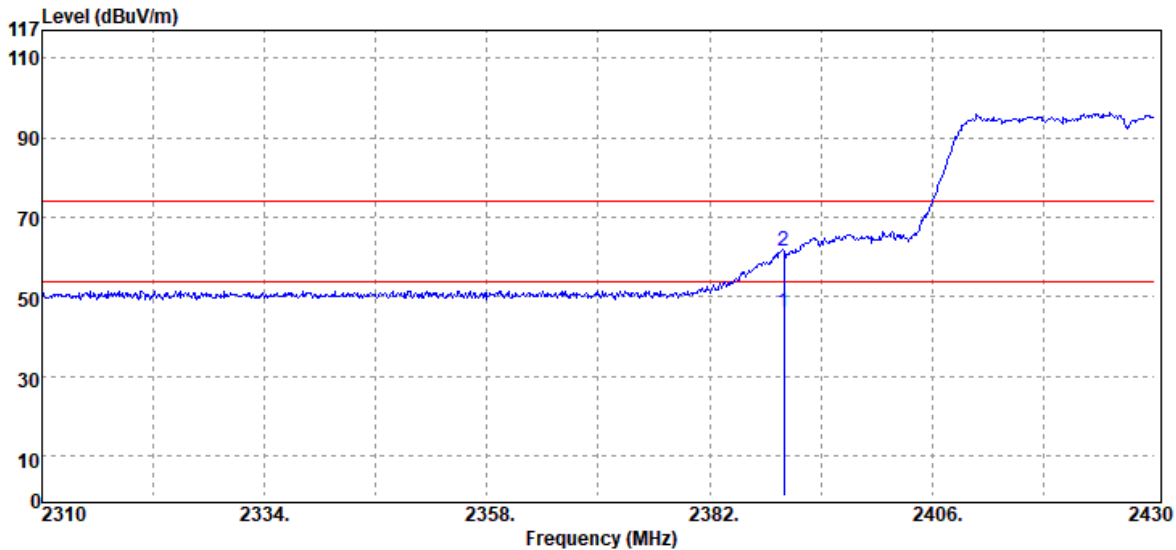
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2427 MHz
Operation Mode :BE CH Low
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	49.71	-3.38	46.33	54.00	-7.67
2390.00	Peak	65.06	-3.38	61.68	74.00	-12.32

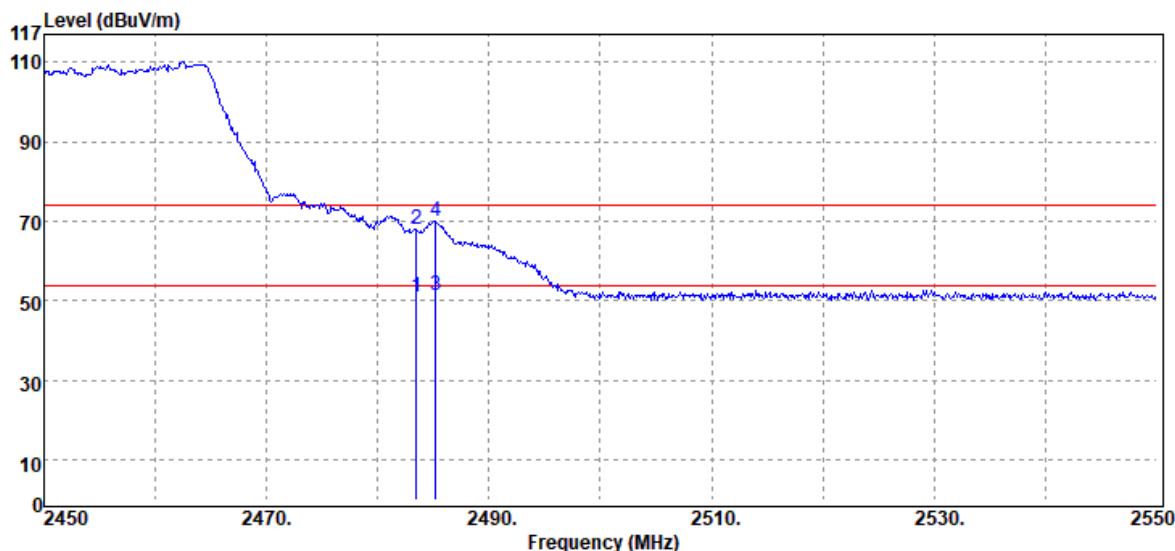
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2447 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	53.91	-2.83	51.08	54.00	-2.92
2483.50	Peak	70.71	-2.83	67.88	74.00	-6.12
2485.20	Average	54.31	-2.82	51.49	54.00	-2.51
2485.20	Peak	72.82	-2.82	70.00	74.00	-4.00

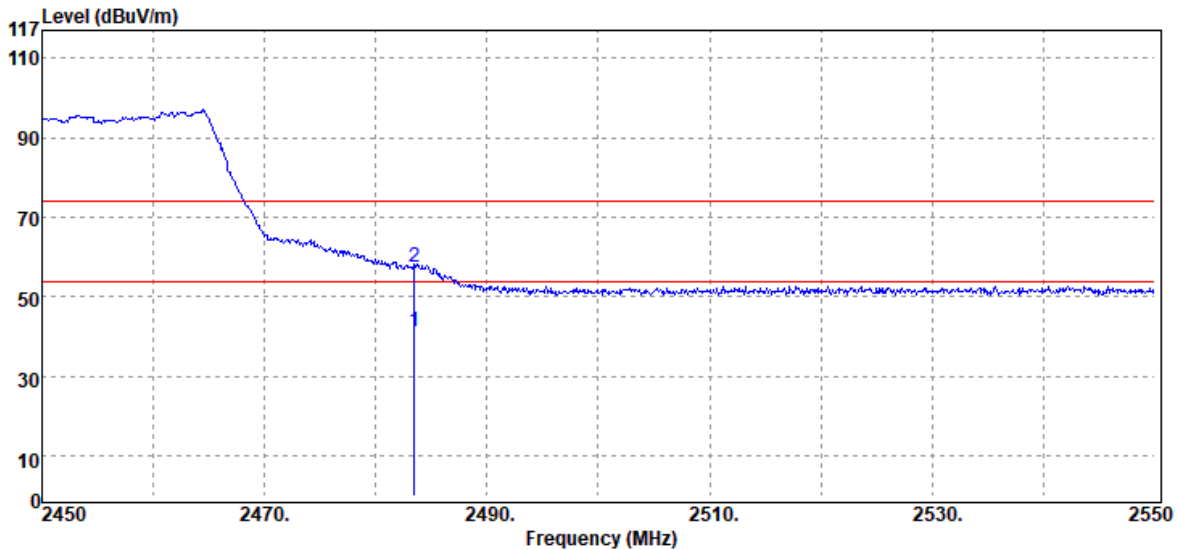
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2447 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	44.10	-2.83	41.27	54.00	-12.73
2483.50	Peak	60.50	-2.83	57.67	74.00	-16.33

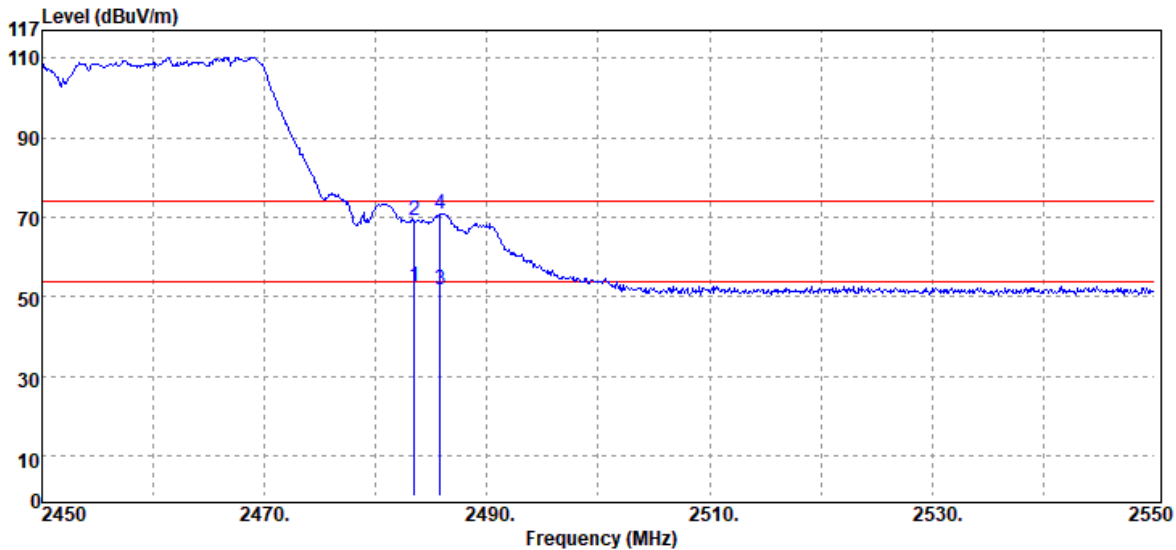
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2452 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	55.58	-2.83	52.75	54.00	-1.25
2483.50	Peak	71.93	-2.83	69.10	74.00	-4.90
2485.80	Average	54.55	-2.82	51.73	54.00	-2.27
2485.80	Peak	73.72	-2.82	70.90	74.00	-3.10

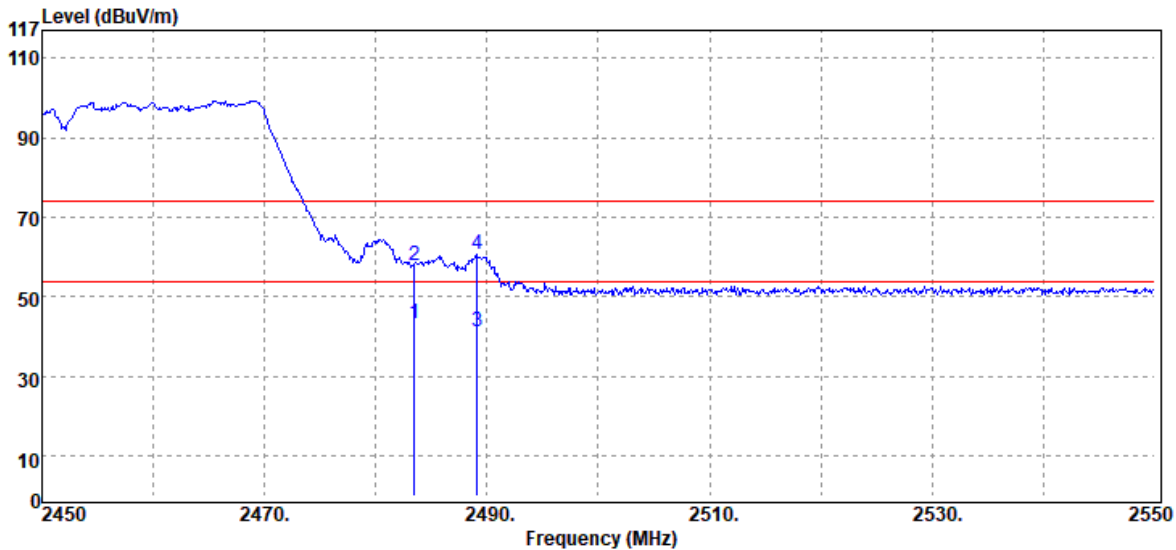
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2452 MHz
Operation Mode :BE CH High
EUT Pol. :E2 Plan

Test Date :2019-05-09
Temp./Humi. :21/55
Engineer :Jerry
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	46.27	-2.83	43.44	54.00	-10.56
2483.50	Peak	60.78	-2.83	57.95	74.00	-16.05
2489.10	Average	44.12	-2.78	41.34	54.00	-12.66
2489.10	Peak	63.56	-2.78	60.78	74.00	-13.22

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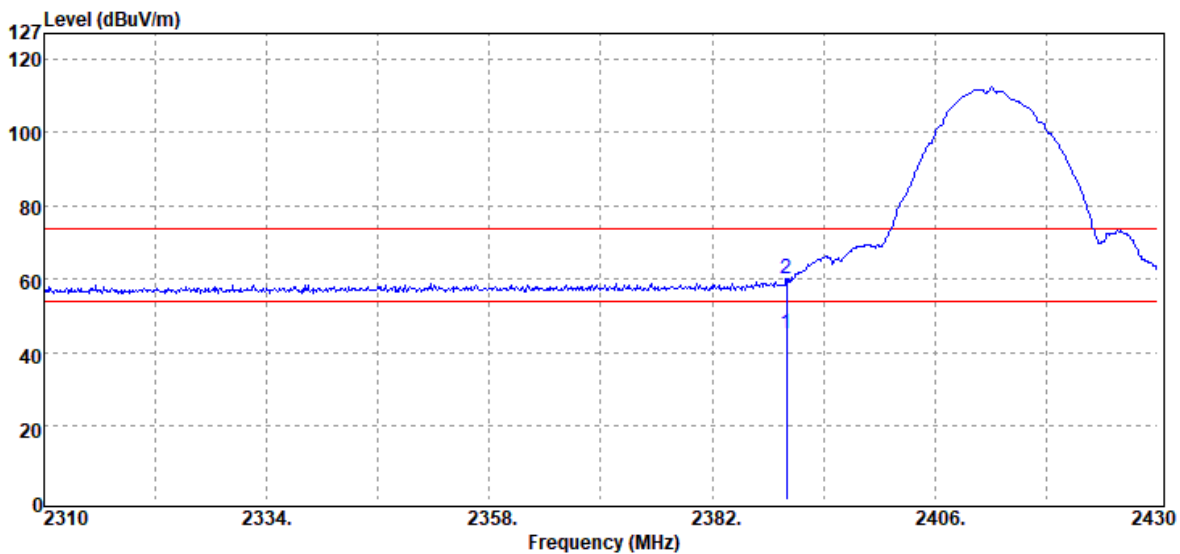
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PCB Antenna

Project Number : T190430W01
Operation Band :802.11b
Fundamental Frequency :2412 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	48.52	-3.38	45.14	54.00	-8.86
2390.00	Peak	63.66	-3.38	60.28	74.00	-13.72

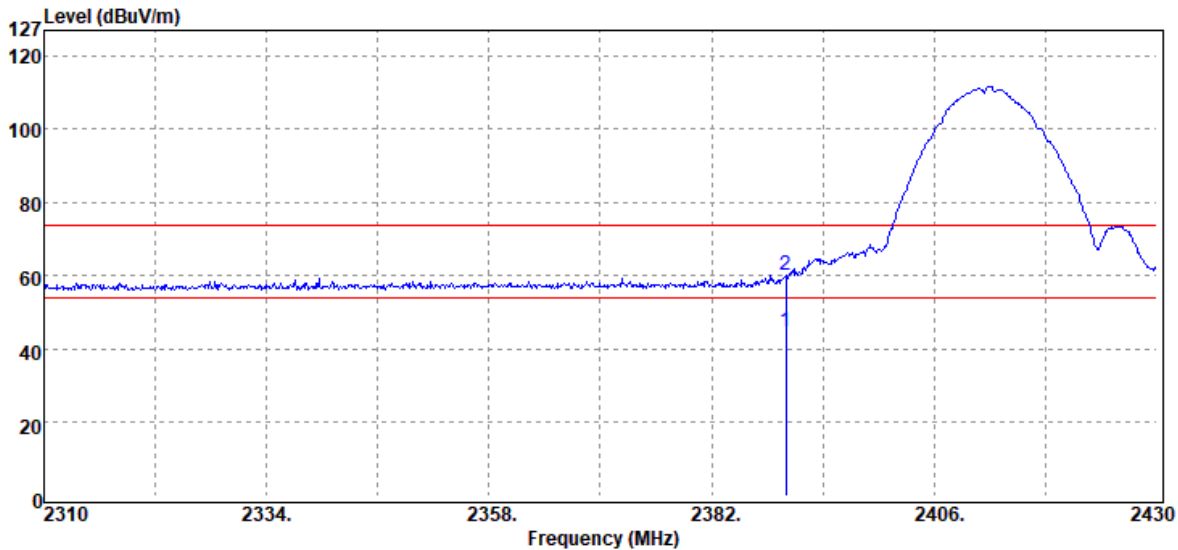
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Project Number : T190430W01
Operation Band :802.11b
Fundamental Frequency :2412 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	48.20	-3.38	44.82	54.00	-9.18
2390.00	Peak	63.58	-3.38	60.20	74.00	-13.80

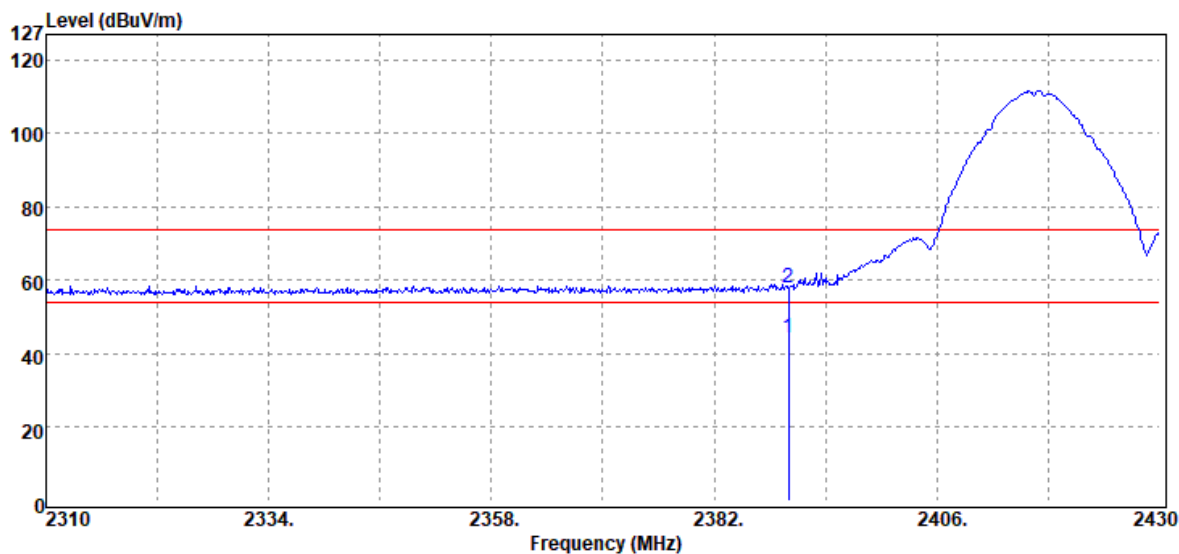
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Project Number : T190430W01
Operation Band :802.11b
Fundamental Frequency :2417 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	47.60	-3.38	44.22	54.00	-9.78
2390.00	Peak	61.54	-3.38	58.16	74.00	-15.84

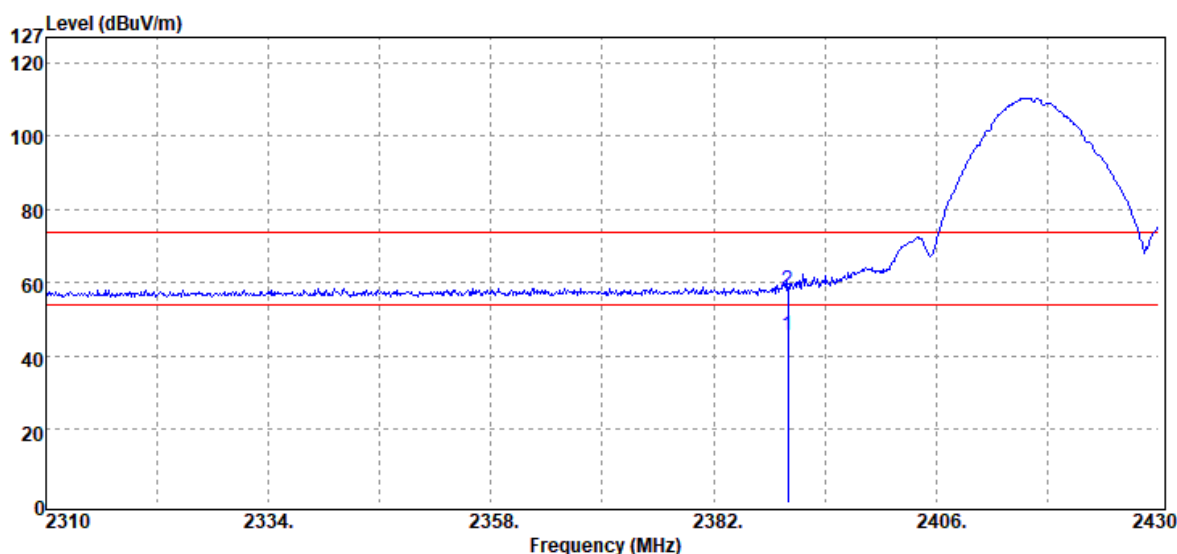
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Project Number : T190430W01
Operation Band :802.11b
Fundamental Frequency :2417 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	49.21	-3.38	45.83	54.00	-8.17
2390.00	Peak	61.34	-3.38	57.96	74.00	-16.04

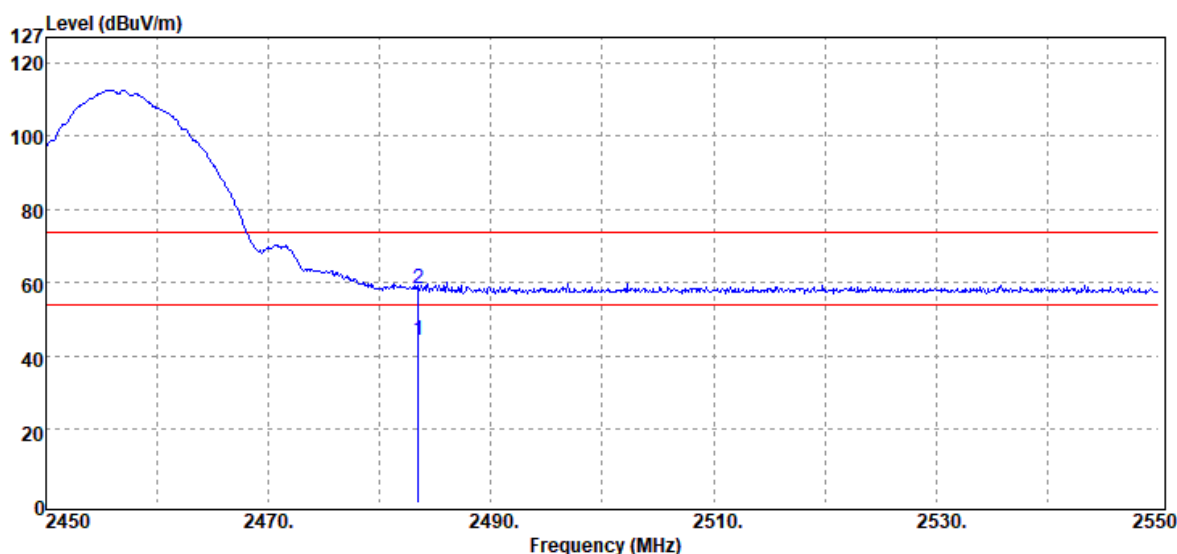
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Project Number : T190430W01
Operation Band :802.11b
Fundamental Frequency :2457 MHz
Operation Mode :Bandedge CH HIGH
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	47.02	-2.83	44.19	54.00	-9.81
2483.50	Peak	61.34	-2.83	58.51	74.00	-15.49

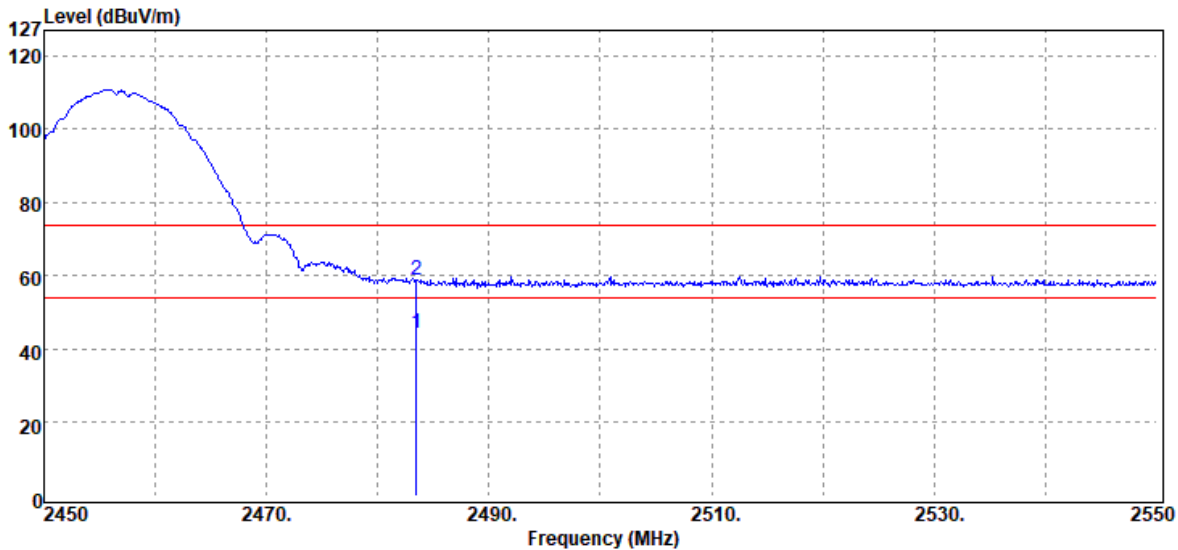
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Project Number : T190430W01
Operation Band :802.11b
Fundamental Frequency :2457 MHz
Operation Mode :Bandedge CH HIGH
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	47.25	-2.83	44.42	54.00	-9.58
2483.50	Peak	61.66	-2.83	58.83	74.00	-15.17

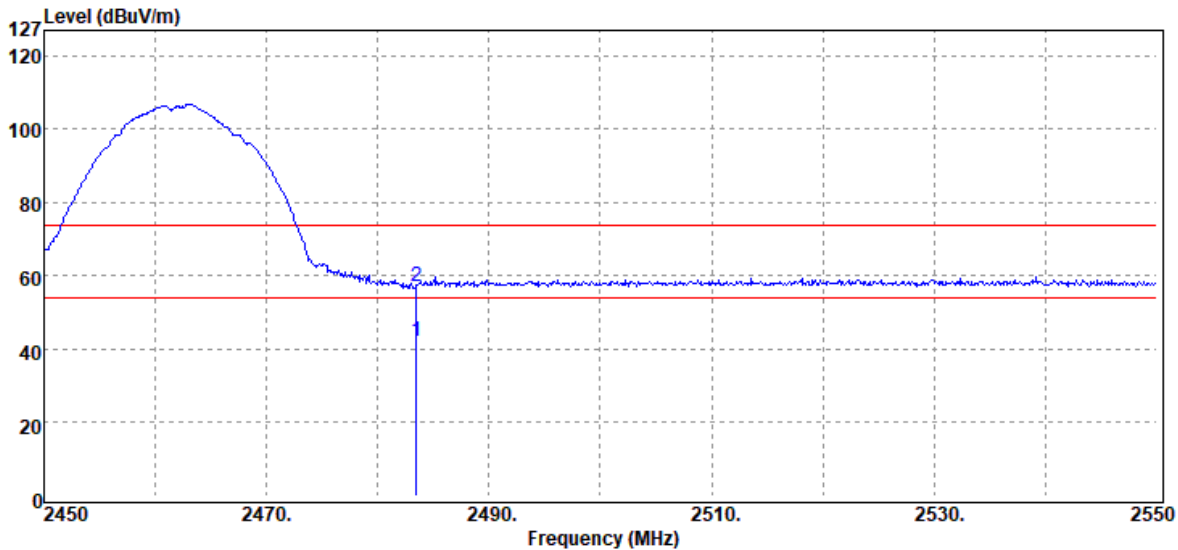
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Project Number : T190430W01
 Operation Band :802.11b
 Fundamental Frequency :2462 MHz
 Operation Mode :Bandedge CH HIGH
 EUT Pol. :E2 Plane

Test Date :2019-05-08
 Temp./Humi. :20 deg_C / 49 RH
 Engineer :Kane
 Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	44.81	-2.83	41.98	54.00	-12.02
2483.50	Peak	59.88	-2.83	57.05	74.00	-16.95

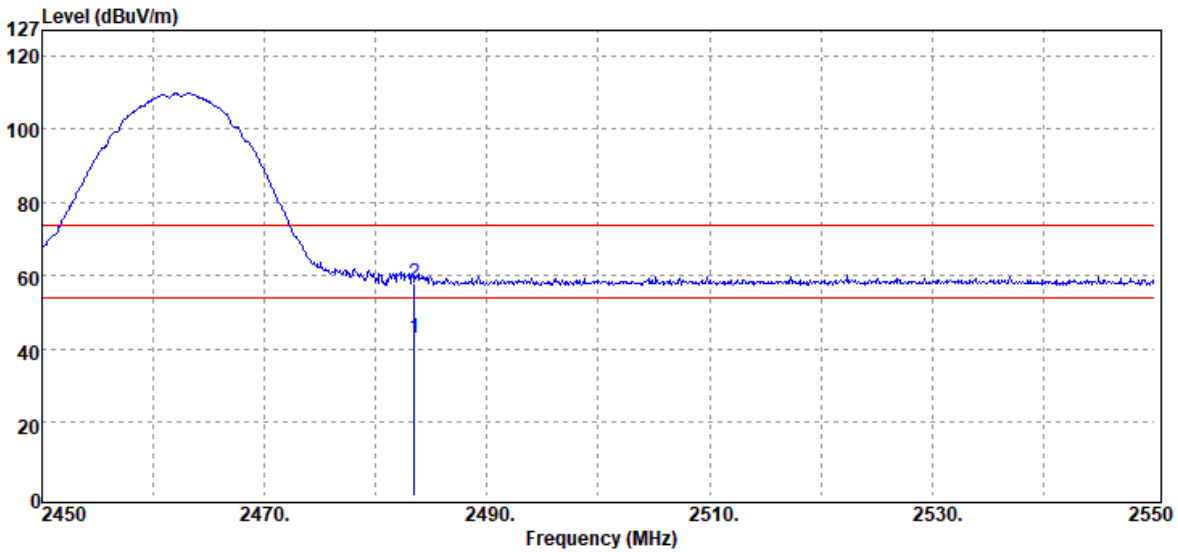
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Project Number : T190430W01
Operation Band :802.11b
Fundamental Frequency :2462 MHz
Operation Mode :Bandedge CH HIGH
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	45.89	-2.83	43.06	54.00	-10.94
2483.50	Peak	60.92	-2.83	58.09	74.00	-15.91

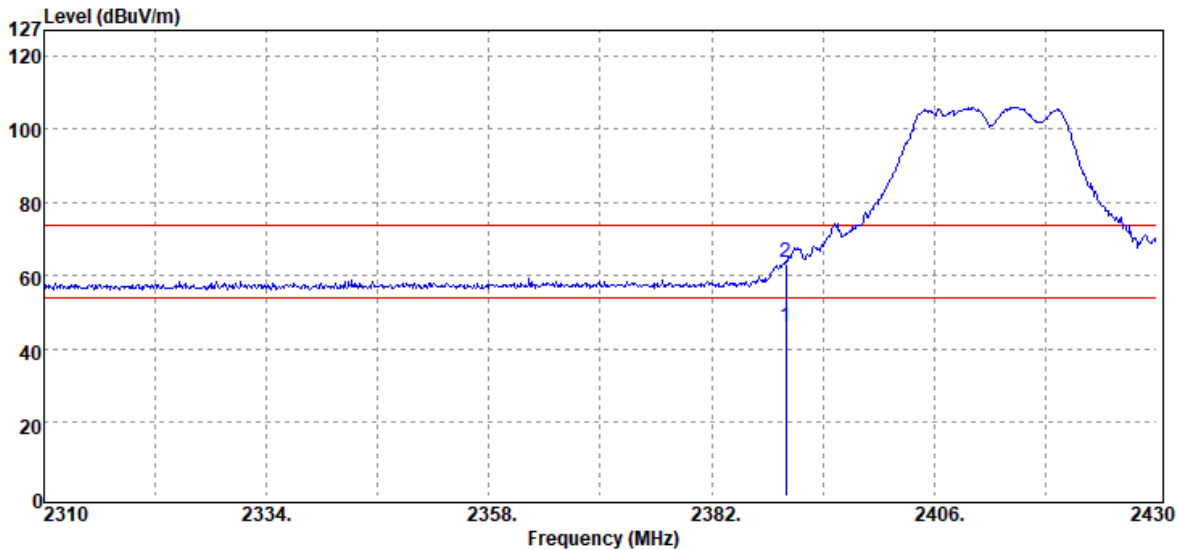
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2412 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	49.52	-3.38	46.14	54.00	-7.86
2390.00	Peak	66.88	-3.38	63.50	74.00	-10.50

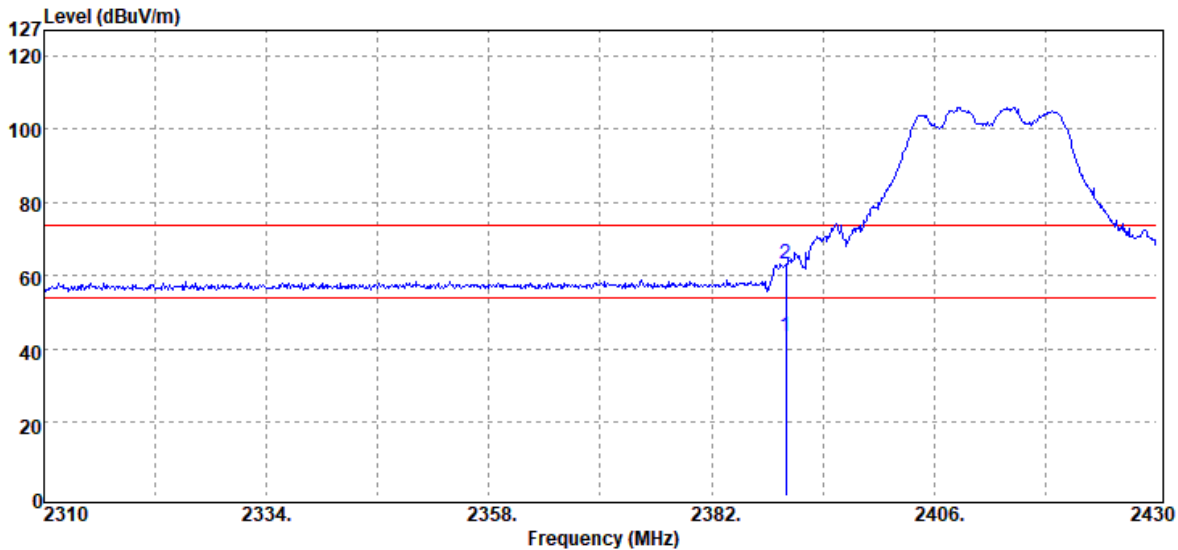
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2412 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	46.98	-3.38	43.60	54.00	-10.40
2390.00	Peak	66.76	-3.38	63.38	74.00	-10.62

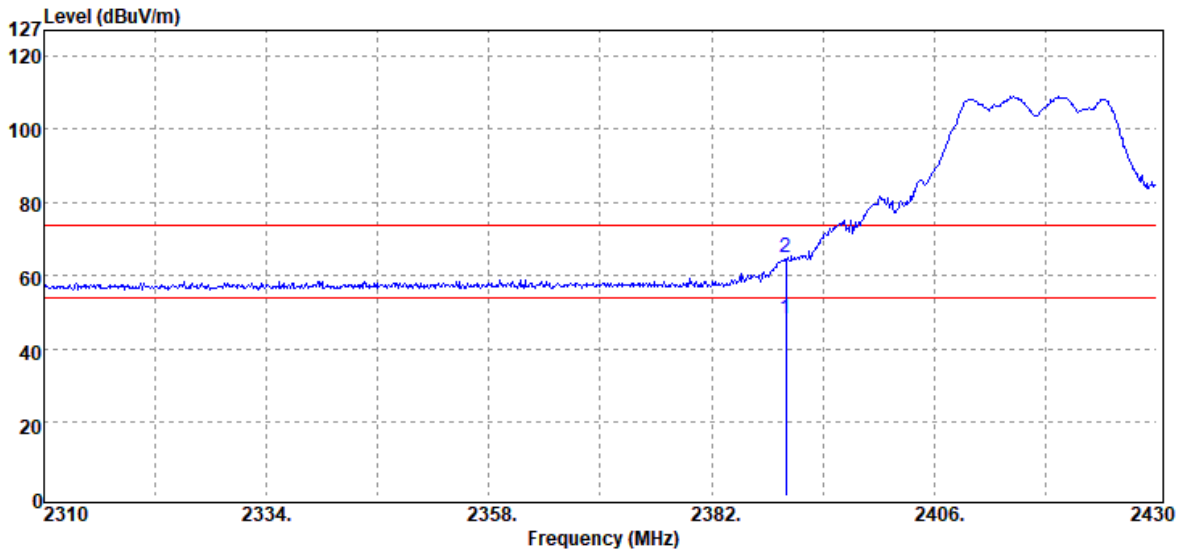
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2417 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	51.51	-3.38	48.13	54.00	-5.87
2390.00	Peak	68.32	-3.38	64.94	74.00	-9.06

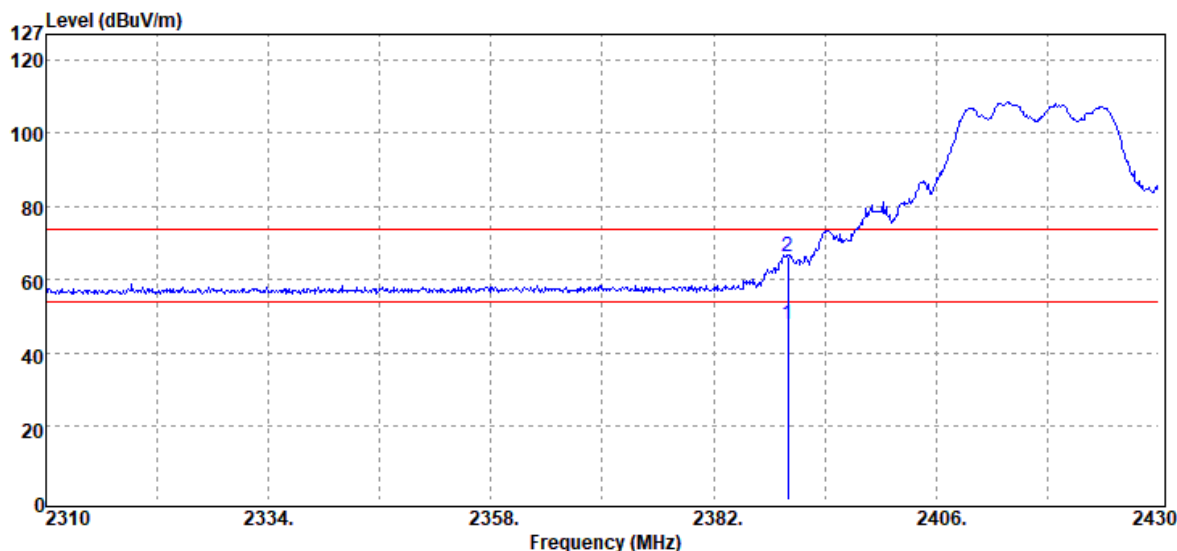
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Project Number : T190430W01
 Operation Band :802.11g
 Fundamental Frequency :2417 MHz
 Operation Mode :Bandedge CH LOW
 EUT Pol. :E2 Plane

Test Date :2019-05-08
 Temp./Humi. :20 deg_C / 49 RH
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	51.30	-3.38	47.92	54.00	-6.08
2390.00	Peak	69.87	-3.38	66.49	74.00	-7.51

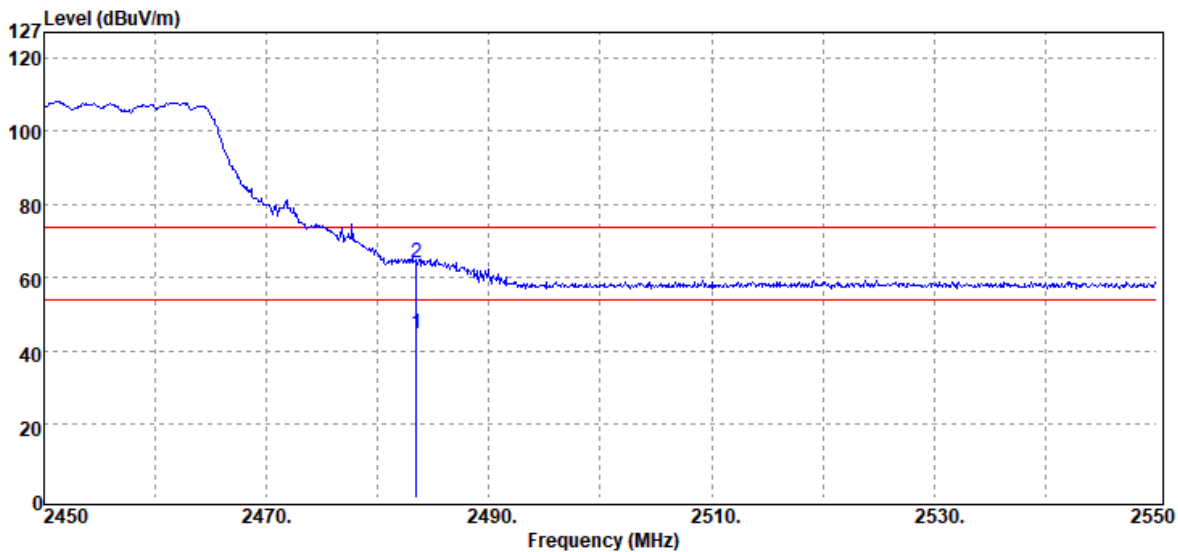
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2457 MHz
Operation Mode :Bandedge CH HIGH
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	47.74	-2.83	44.91	54.00	-9.09
2483.50	Peak	67.19	-2.83	64.36	74.00	-9.64

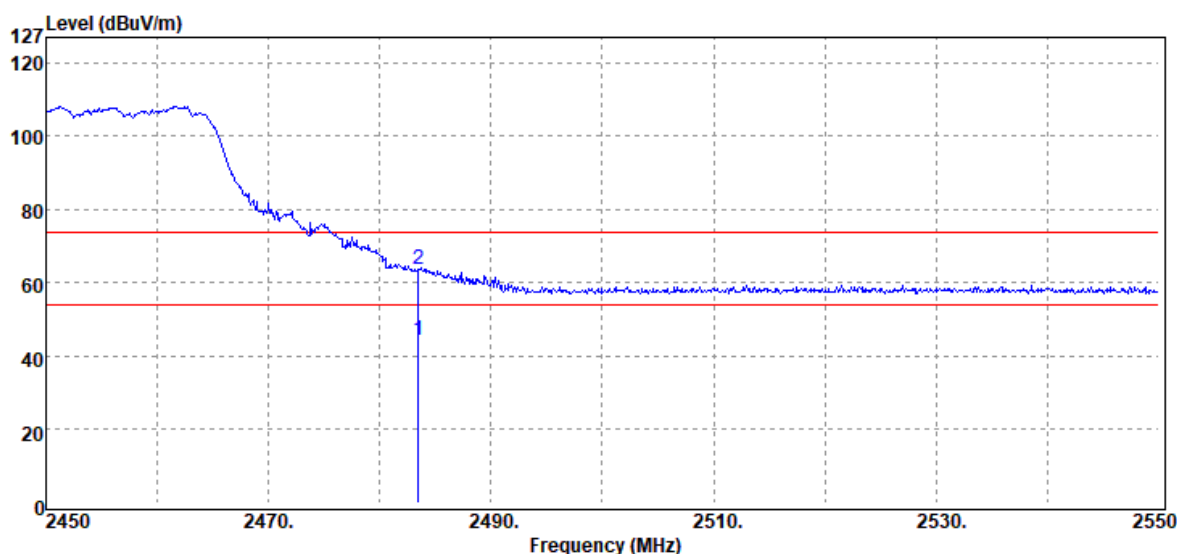
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Project Number : T190430W01
 Operation Band :802.11g
 Fundamental Frequency :2457 MHz
 Operation Mode :Bandedge CH HIGH
 EUT Pol. :E2 Plane

Test Date :2019-05-08
 Temp./Humi. :20 deg_C / 49 RH
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	47.38	-2.83	44.55	54.00	-9.45
2483.50	Peak	66.55	-2.83	63.72	74.00	-10.28

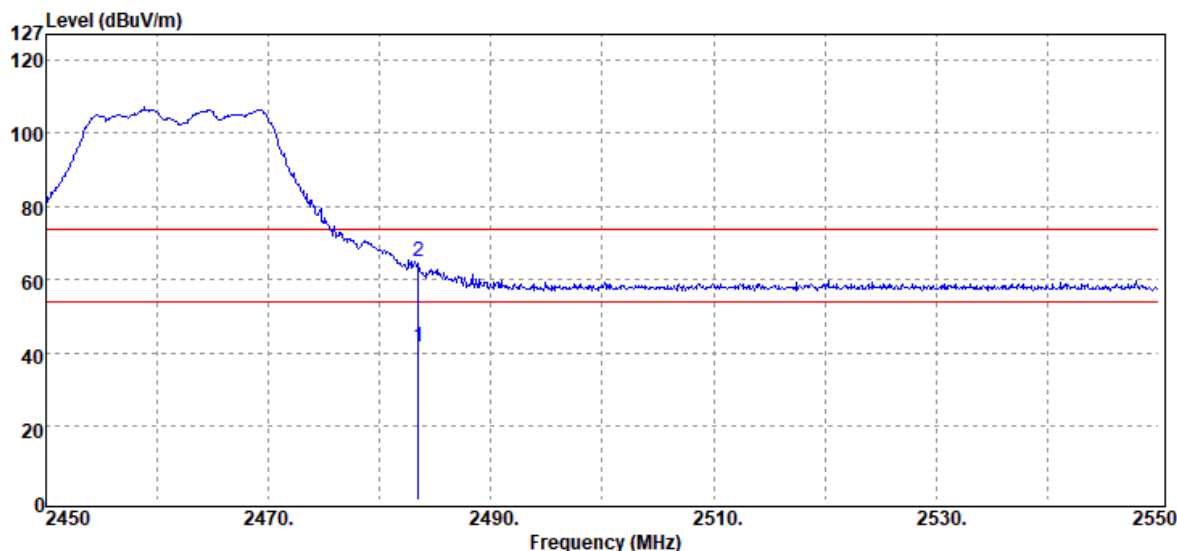
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2462 MHz
Operation Mode :Bandedge CH HIGH
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	44.67	-2.83	41.84	54.00	-12.16
2483.50	Peak	68.03	-2.83	65.20	74.00	-8.80

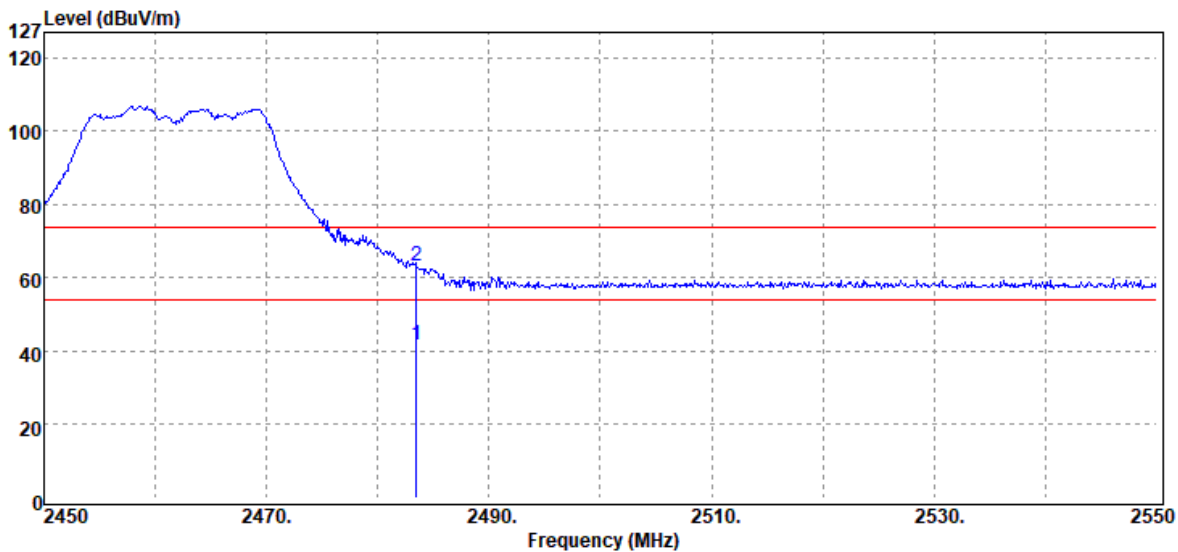
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Project Number : T190430W01
Operation Band :802.11g
Fundamental Frequency :2462 MHz
Operation Mode :Bandedge CH HIGH
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	44.78	-2.83	41.95	54.00	-12.05
2483.50	Peak	65.97	-2.83	63.14	74.00	-10.86

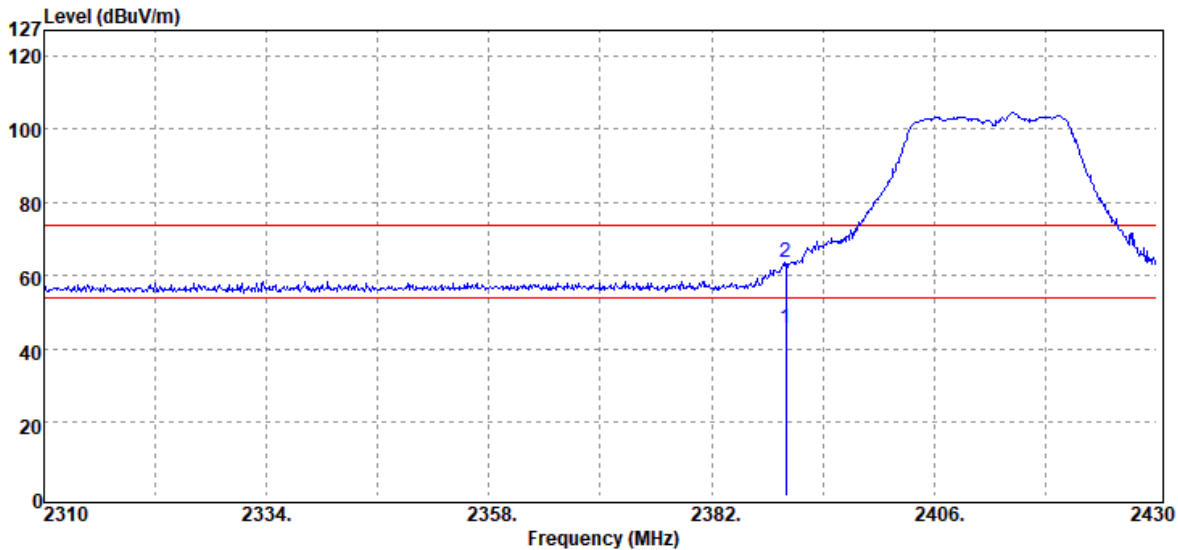
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Project Number : T190430W01
Operation Band :802.11n20
Fundamental Frequency :2412 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	49.21	-3.38	45.83	54.00	-8.17
2390.00	Peak	67.30	-3.38	63.92	74.00	-10.08

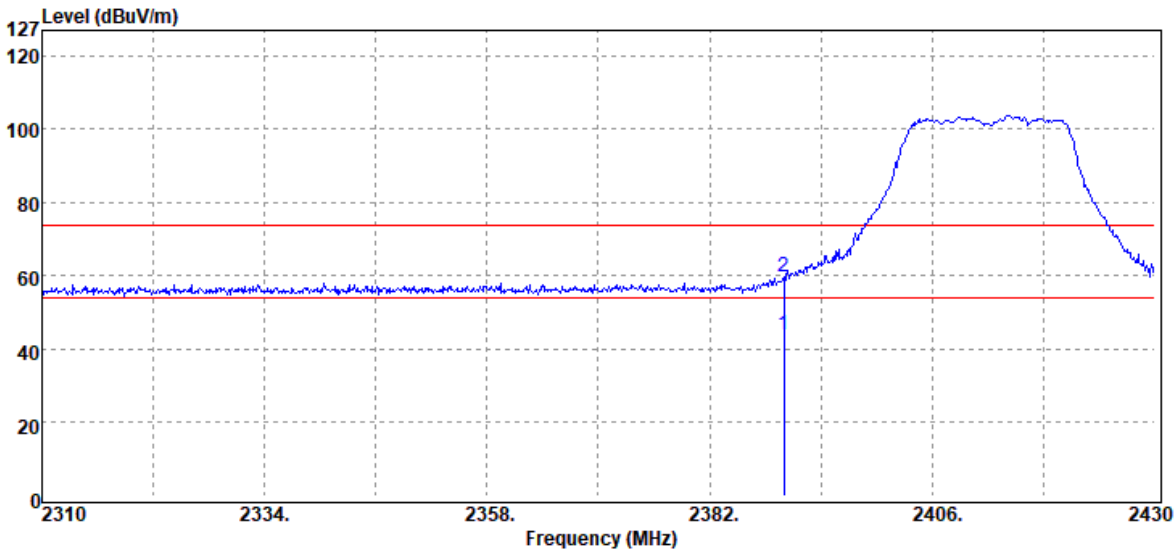
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Project Number : T190430W01
Operation Band :802.11n20
Fundamental Frequency :2412 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	47.37	-3.38	43.99	54.00	-10.01
2390.00	Peak	62.98	-3.38	59.60	74.00	-14.40

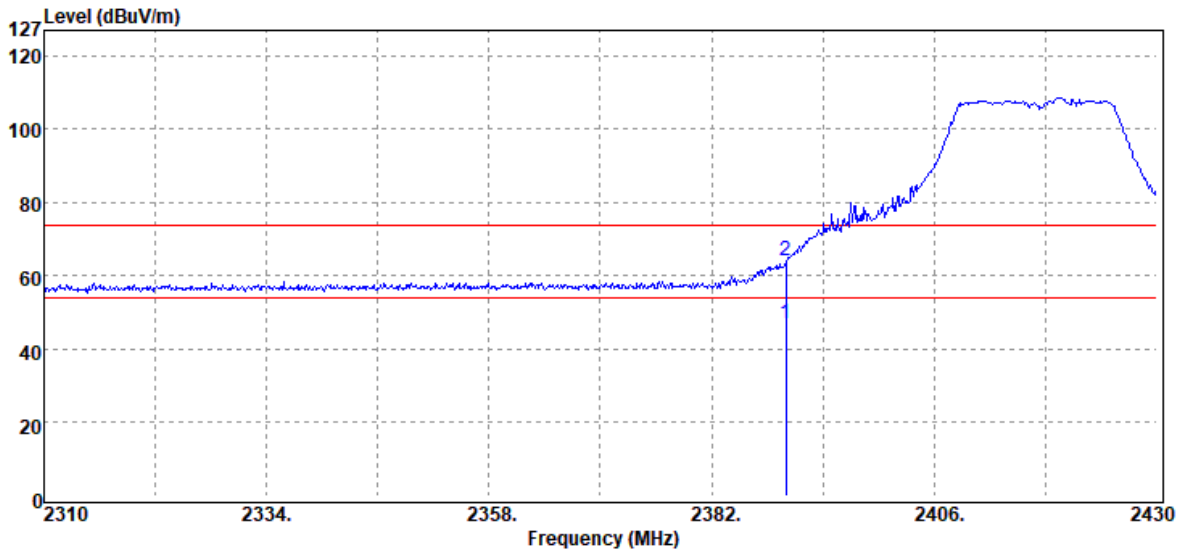
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Project Number : T190430W01
 Operation Band :802.11n20
 Fundamental Frequency :2417 MHz
 Operation Mode :Bandedge CH LOW
 EUT Pol. :E2 Plane

Test Date :2019-05-08
 Temp./Humi. :20 deg_C / 49 RH
 Engineer :Kane
 Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	50.50	-3.38	47.12	54.00	-6.88
2390.00	Peak	67.40	-3.38	64.02	74.00	-9.98

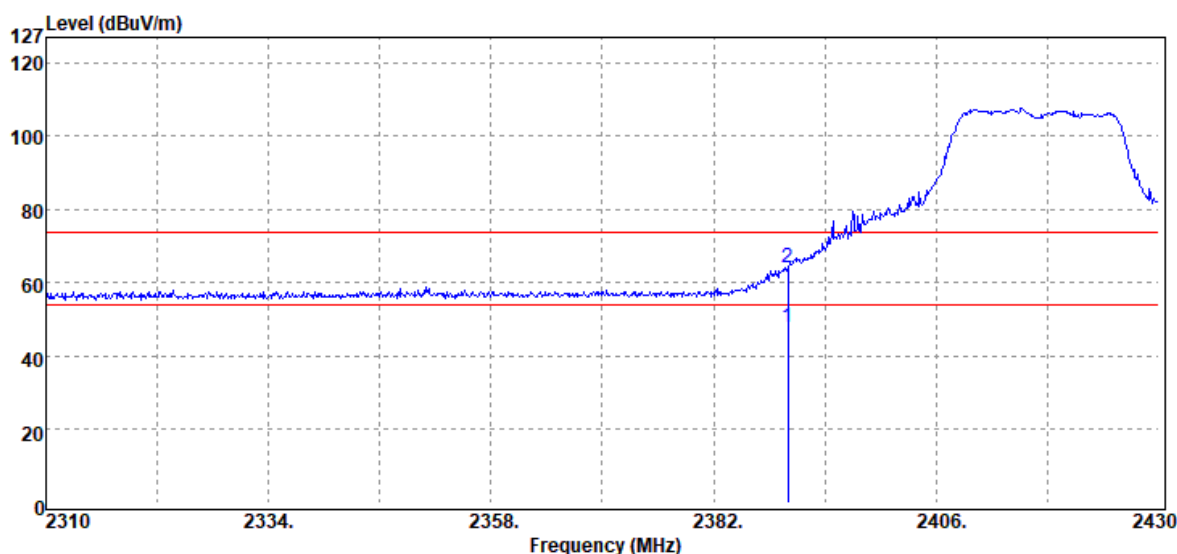
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Project Number : T190430W01
Operation Band :802.11n20
Fundamental Frequency :2417 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	51.32	-3.38	47.94	54.00	-6.06
2390.00	Peak	67.57	-3.38	64.19	74.00	-9.81

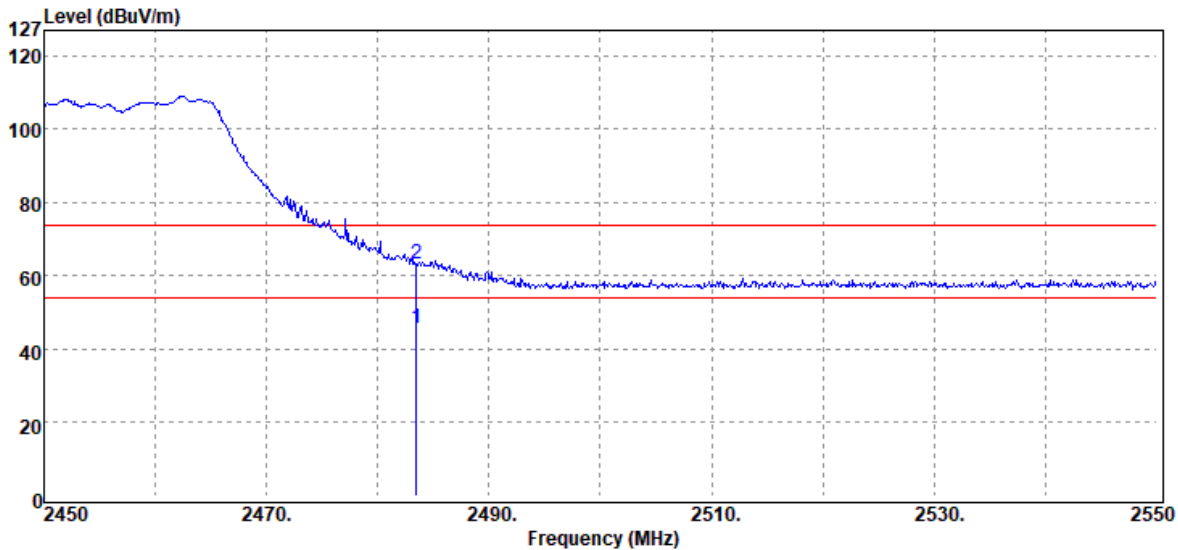
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Project Number : T190430W01
Operation Band :802.11n20
Fundamental Frequency :2457 MHz
Operation Mode :Bandedge CH HIGH
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	48.69	-2.83	45.86	54.00	-8.14
2483.50	Peak	66.21	-2.83	63.38	74.00	-10.62

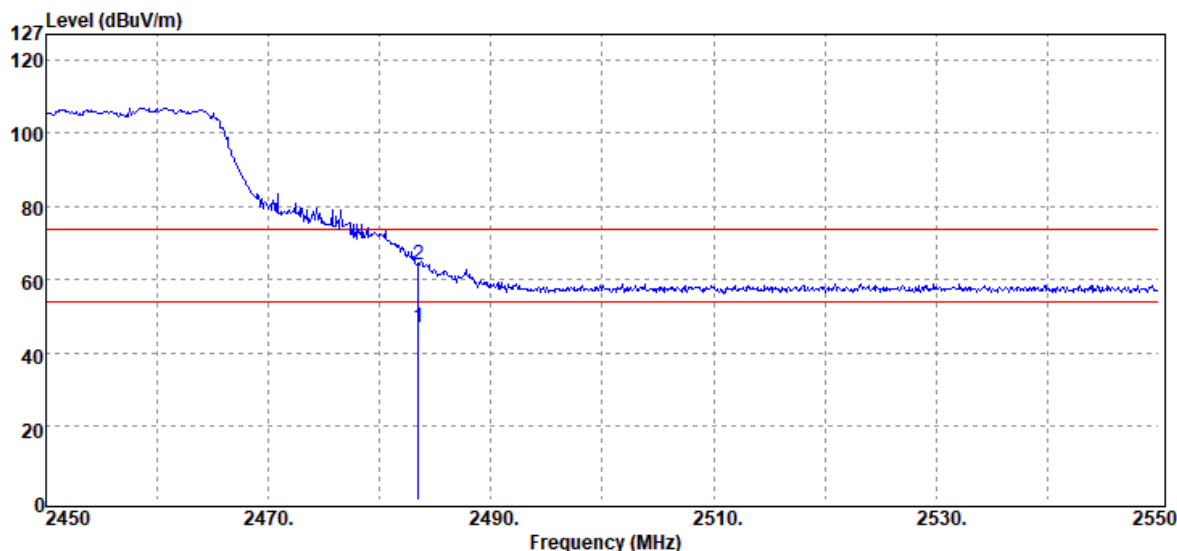
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Project Number : T190430W01
 Operation Band :802.11n20
 Fundamental Frequency :2457 MHz
 Operation Mode :Bandedge CH HIGH
 EUT Pol. :E2 Plane

Test Date :2019-05-08
 Temp./Humi. :20 deg_C / 49 RH
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	49.68	-2.83	46.85	54.00	-7.15
2483.50	Peak	66.92	-2.83	64.09	74.00	-9.91

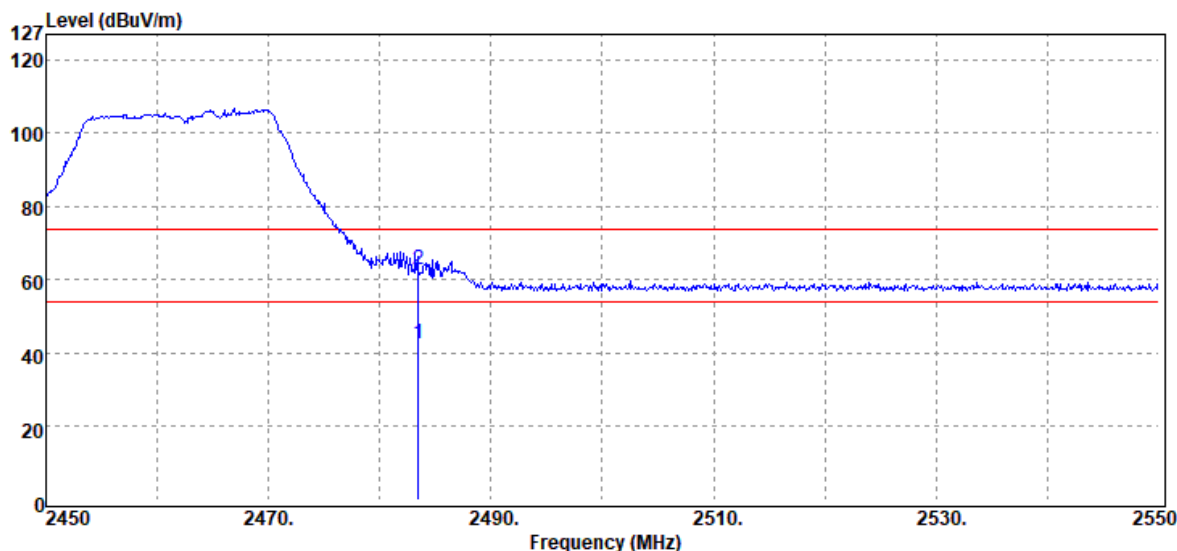
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Project Number : T190430W01
 Operation Band :802.11n20
 Fundamental Frequency :2462 MHz
 Operation Mode :Bandedge CH HIGH
 EUT Pol. :E2 Plane

Test Date :2019-05-08
 Temp./Humi. :20 deg_C / 49 RH
 Engineer :Kane
 Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	45.33	-2.83	42.50	54.00	-11.50
2483.50	Peak	65.47	-2.83	62.64	74.00	-11.36

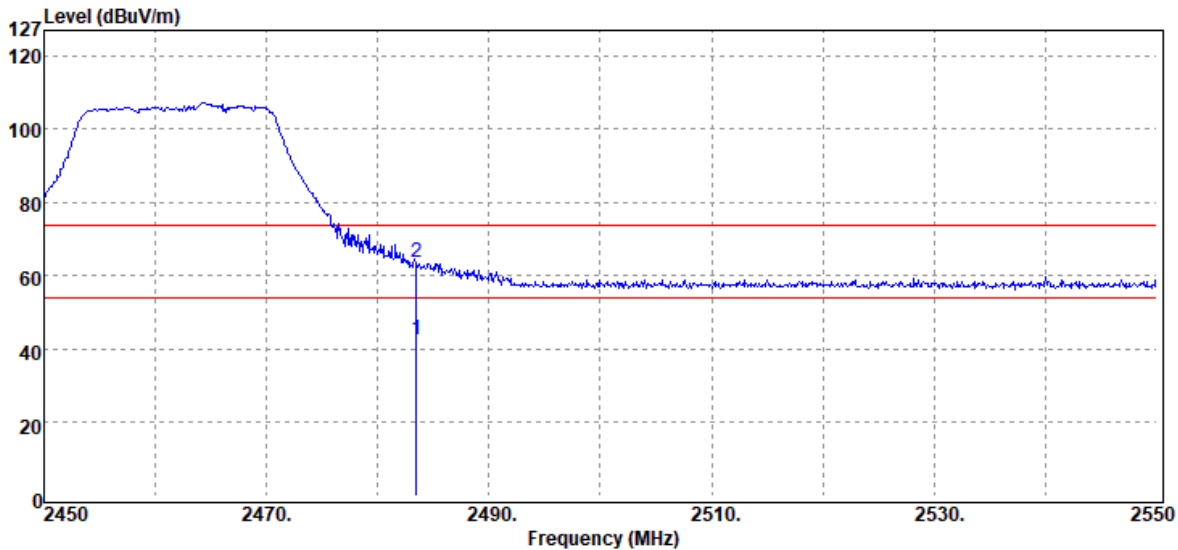
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Project Number : T190430W01
 Operation Band :802.11n20
 Fundamental Frequency :2462 MHz
 Operation Mode :Bandedge CH HIGH
 EUT Pol. :E2 Plane

Test Date :2019-05-08
 Temp./Humi. :20 deg_C / 49 RH
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	45.25	-2.83	42.42	54.00	-11.58
2483.50	Peak	66.74	-2.83	63.91	74.00	-10.09

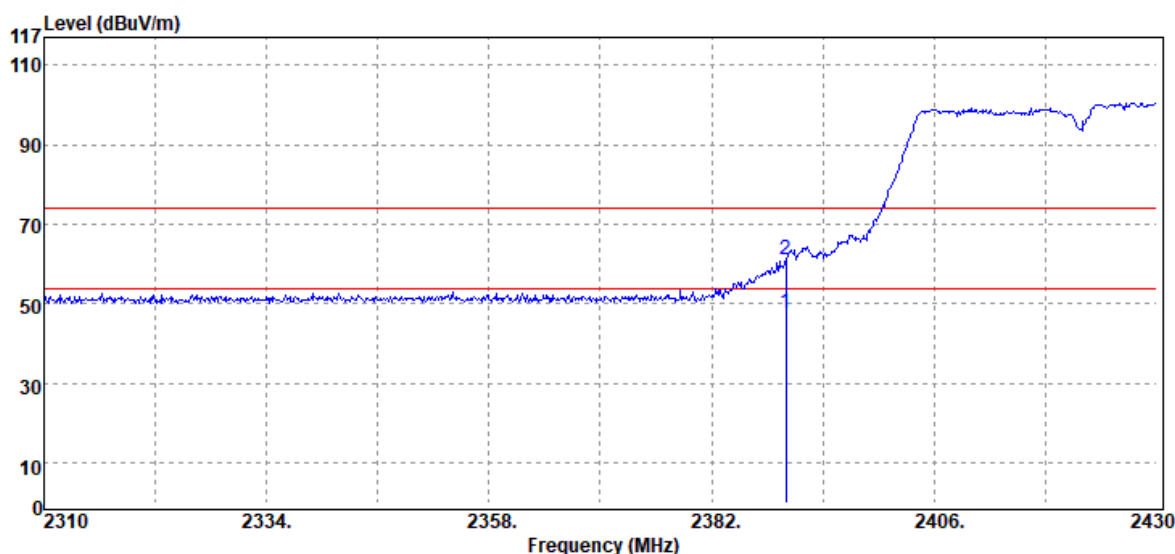
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Project Number : T190430W01
 Operation Band :802.11n40
 Fundamental Frequency :2422 MHz
 Operation Mode :Bandedge CH LOW
 EUT Pol. :E2 Plane

Test Date :2019-05-08
 Temp./Humi. :20 deg_C / 49 RH
 Engineer :Kane
 Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	50.96	-3.38	47.58	54.00	-6.42
2390.00	Peak	64.67	-3.38	61.29	74.00	-12.71

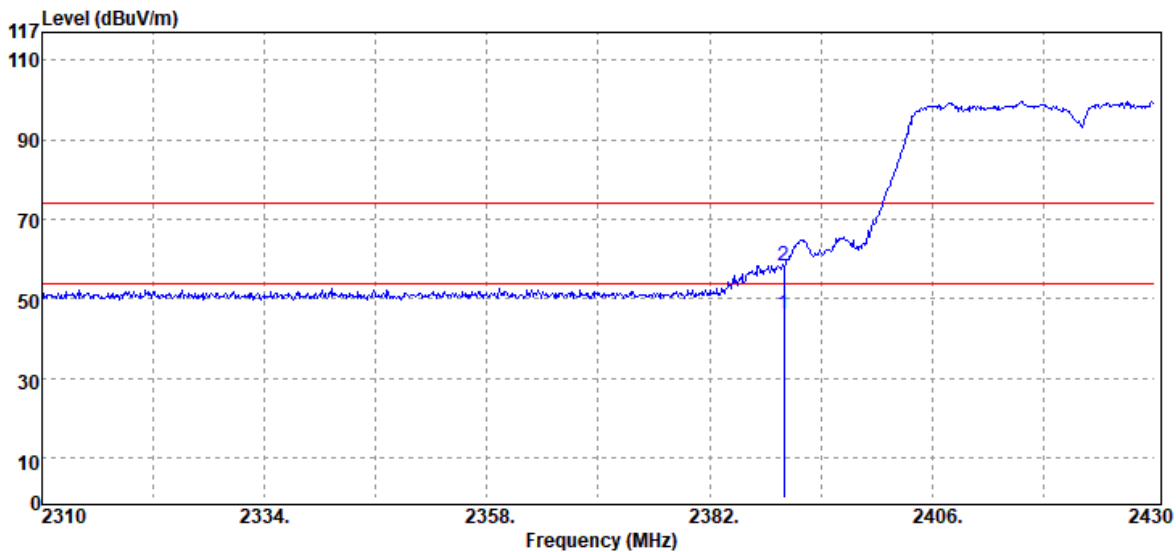
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Project Number : T190430W01
 Operation Band :802.11n40
 Fundamental Frequency :2422 MHz
 Operation Mode :Bandedge CH LOW
 EUT Pol. :E2 Plane

Test Date :2019-05-08
 Temp./Humi. :20 deg_C / 49 RH
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	49.70	-3.38	46.32	54.00	-7.68
2390.00	Peak	61.58	-3.38	58.20	74.00	-15.80

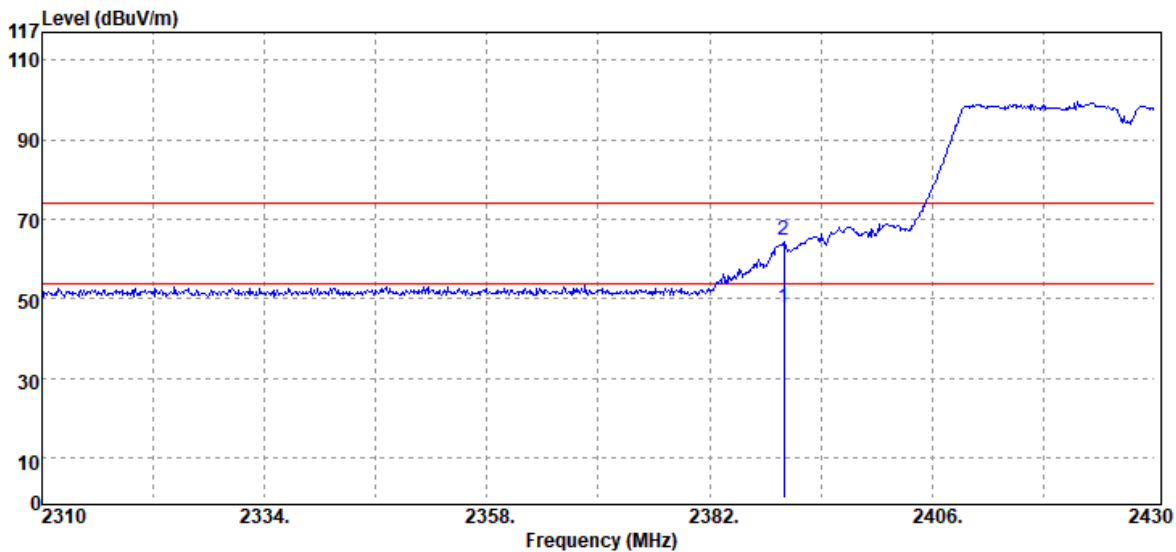
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2427 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	51.16	-3.38	47.78	54.00	-6.22
2390.00	Peak	67.98	-3.38	64.60	74.00	-9.40

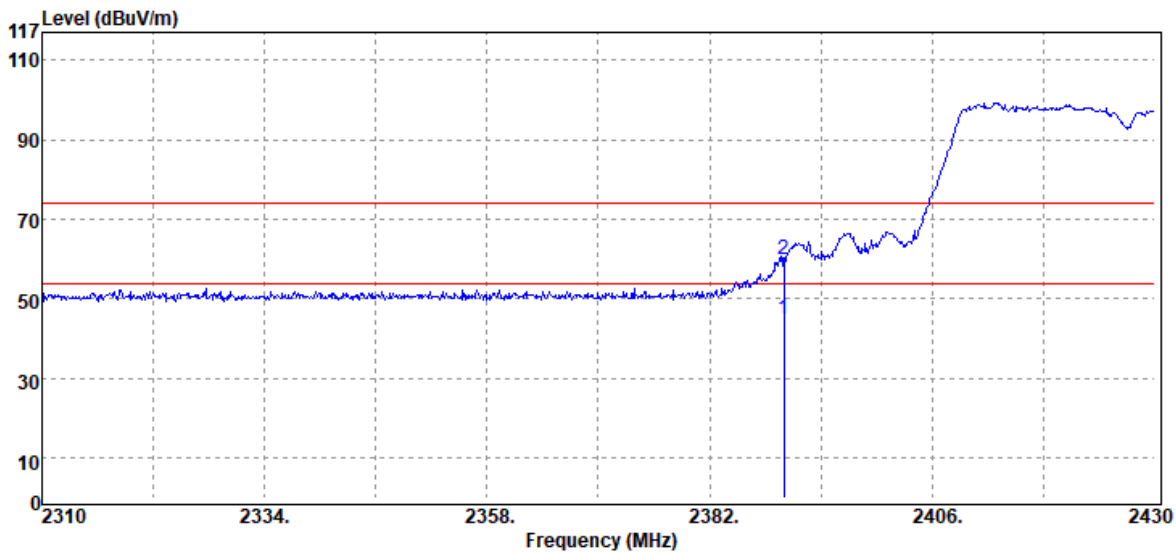
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2427 MHz
Operation Mode :Bandedge CH LOW
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2390.00	Average	48.36	-3.38	44.98	54.00	-9.02
2390.00	Peak	63.27	-3.38	59.89	74.00	-14.11

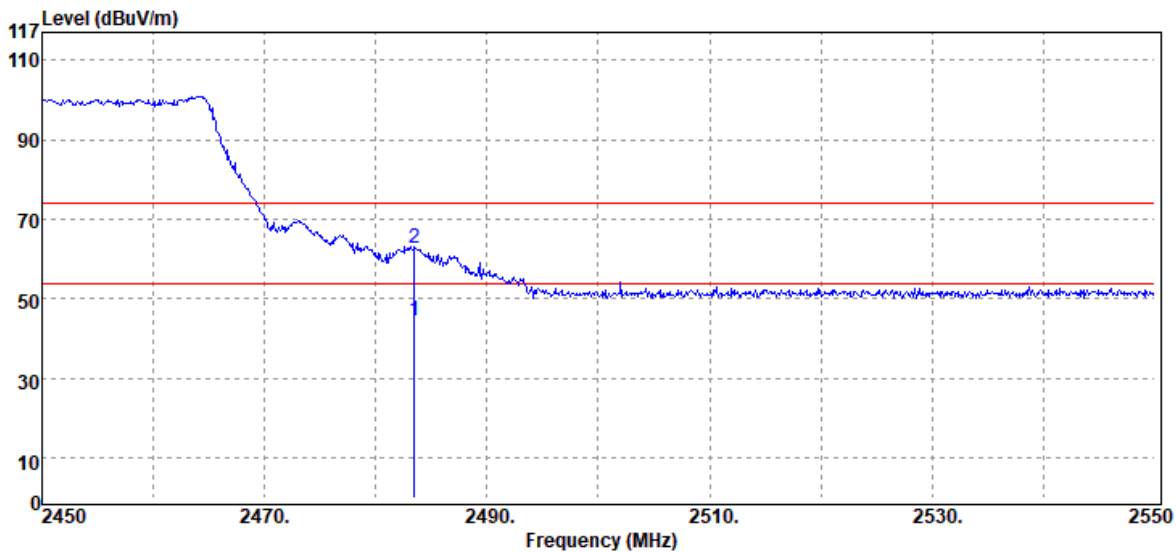
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2447 MHz
Operation Mode :Bandedge CH HIGH
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	47.17	-2.83	44.34	54.00	-9.66
2483.50	Peak	65.39	-2.83	62.56	74.00	-11.44

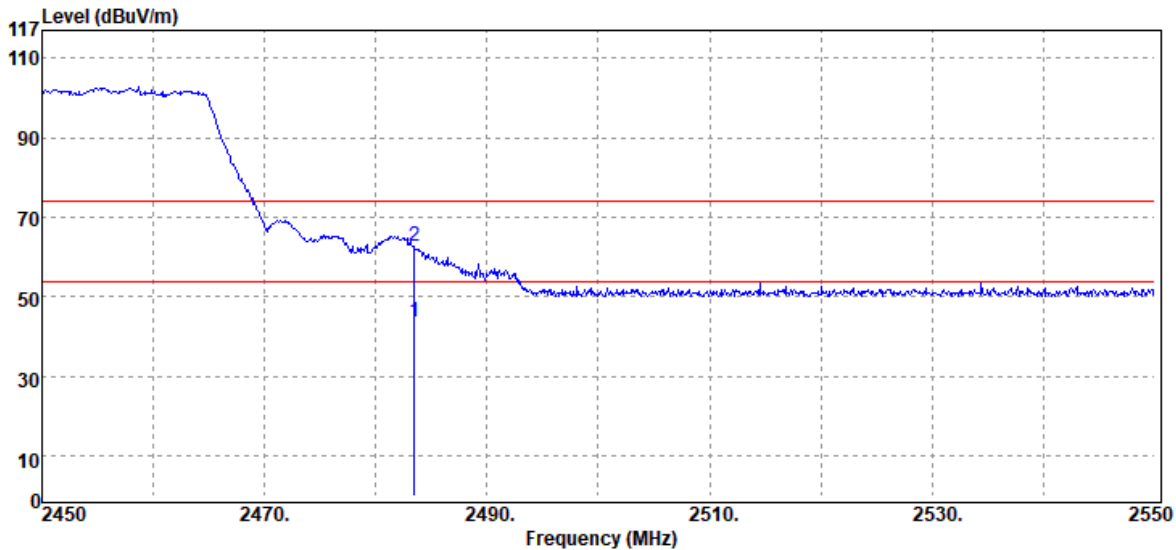
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2447 MHz
Operation Mode :Bandedge CH HIGH
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	46.73	-2.83	43.90	54.00	-10.10
2483.50	Peak	65.42	-2.83	62.59	74.00	-11.41

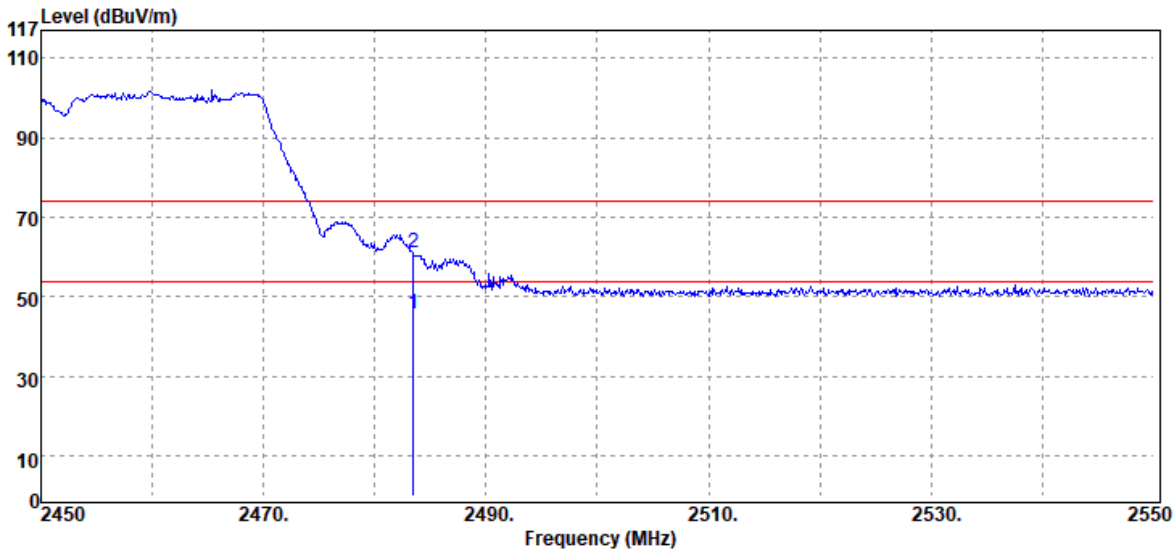
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Project Number : T190430W01
Operation Band :802.11n40
Fundamental Frequency :2452 MHz
Operation Mode :Bandedge CH HIGH
EUT Pol. :E2 Plane

Test Date :2019-05-08
Temp./Humi. :20 deg_C / 49 RH
Engineer :Kane
Measurement Antenna Pol. :VERTICAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	48.52	-2.83	45.69	54.00	-8.31
2483.50	Peak	63.97	-2.83	61.14	74.00	-12.86

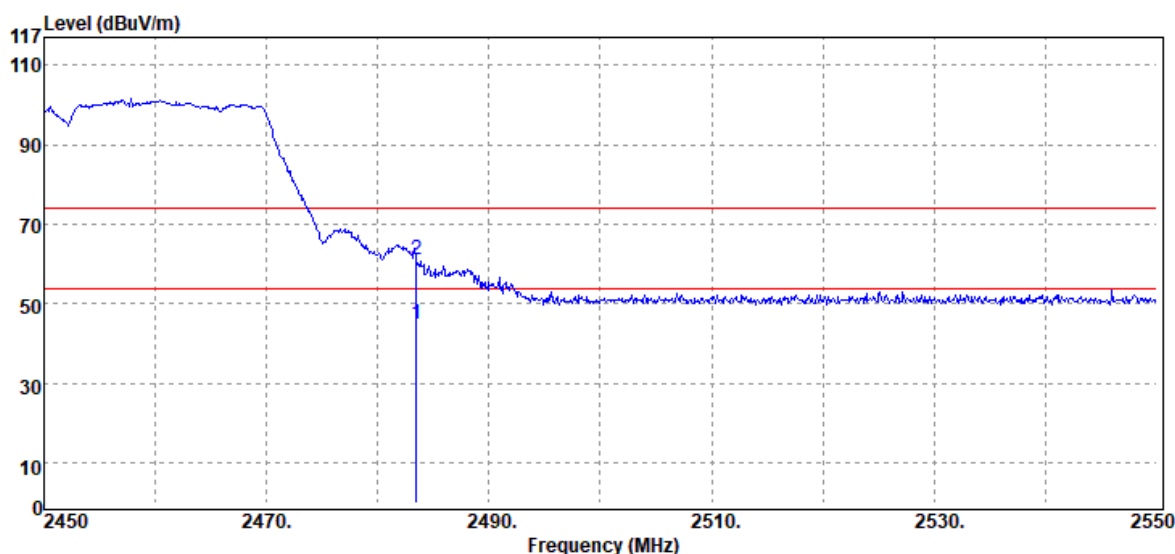
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Project Number : T190430W01
 Operation Band :802.11n40
 Fundamental Frequency :2452 MHz
 Operation Mode :Bandedge CH HIGH
 EUT Pol. :E2 Plane

Test Date :2019-05-08
 Temp./Humi. :20 deg_C / 49 RH
 Engineer :Kane
 Measurement Antenna Pol. :HORIZONTAL



Freq. MHz	Detector Mode PK/QP/AV	Spectrum Reading Level dBμV	Factor dB	Actual FS dBμV/m	Limit @3m dBμV/m	Margin dB
2483.50	Average	47.86	-2.83	45.03	54.00	-8.97
2483.50	Peak	63.97	-2.83	61.14	74.00	-12.86

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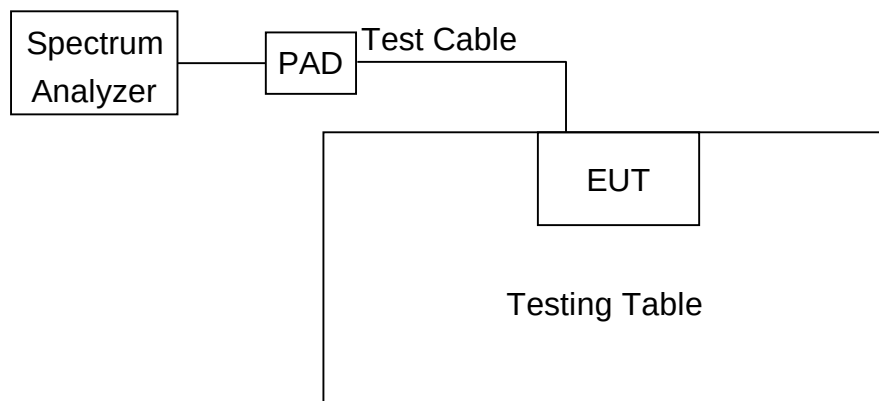
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11 功率密度之量測

11.1 適用標準

依據 NCC 低功率射頻電機技術規範 3.10.1.6(2) (B)規定，對數位調變之展頻系統，在使用頻率範圍之任意 3kHz 頻寬內，由發射機傳導至天線之峰值發射電功率密度在任意期間內，皆不得大於 8dBm。

11.2 功率密度之測試配置



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11.3 功率密度量測結果

POWER DENSITY 802.11b MODE				POWER DENSITY 802.11g MODE			
Freq. (MHz)	PSD (dBm)	Maximum Limit (dBm)	Result	Freq. (MHz)	PSD (dBm)	Maximum Limit (dBm)	Result
2412	-0.29	8.00	PASS	2412	-11.12	8.00	PASS
2437	0.26	8.00	PASS	2437	-8.30	8.00	PASS
2462	-0.76	8.00	PASS	2462	-11.86	8.00	PASS
POWER DENSITY 802.11n HT20 MODE				POWER DENSITY 802.11n HT40 MODE			
Freq. (MHz)	PSD (dBm)	Maximum Limit (dBm)	Result	Freq. (MHz)	PSD (dBm)	Maximum Limit (dBm)	Result
2412	-10.60	8.00	PASS	2422	-15.89	8.00	PASS
2437	-8.59	8.00	PASS	2437	-14.30	8.00	PASS
2462	-12.30	8.00	PASS	2452	-12.85	8.00	PASS

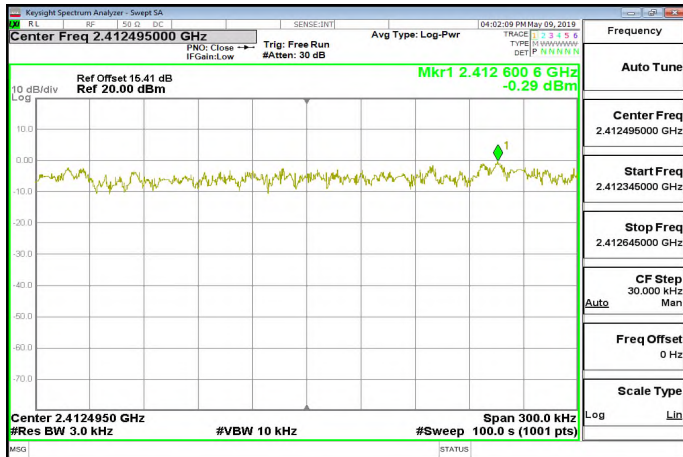
offset 12.40 dB for MIMO mode

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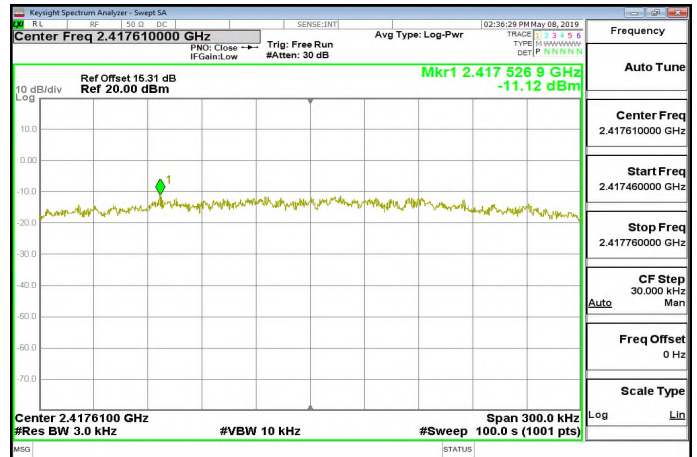
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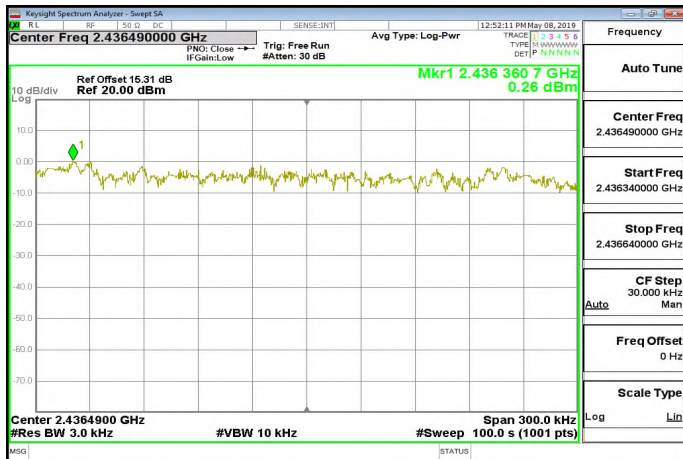
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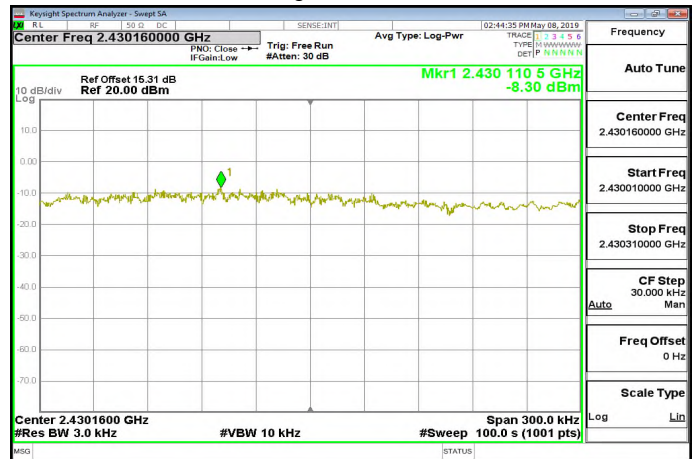
功率密度_802.11g_20MHz_Chain0_2412MHz



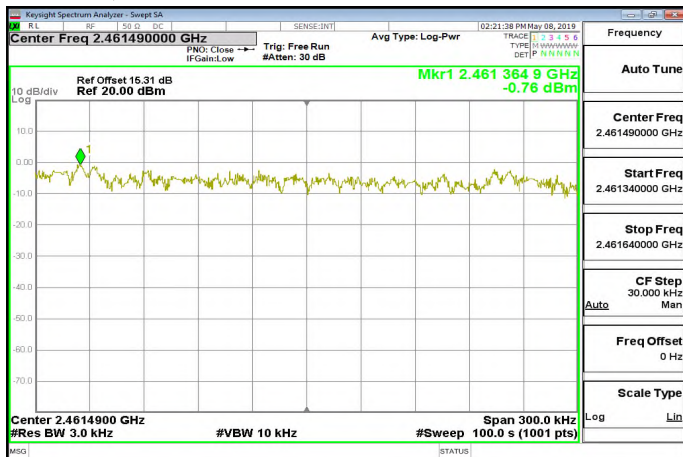
功率密度_802.11b_20MHz_Chain0_2437MHz



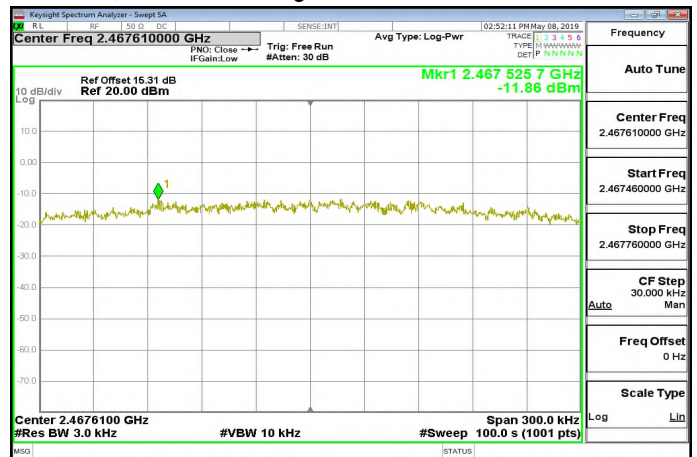
功率密度_802.11g_20MHz_Chain0_2437MHz



功率密度_802.11b_20MHz_Chain0_2462MHz



功率密度_802.11g_20MHz_Chain0_2462MHz

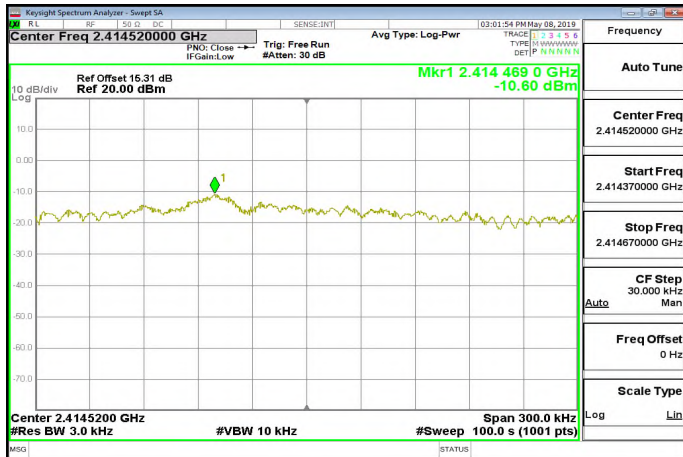


Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

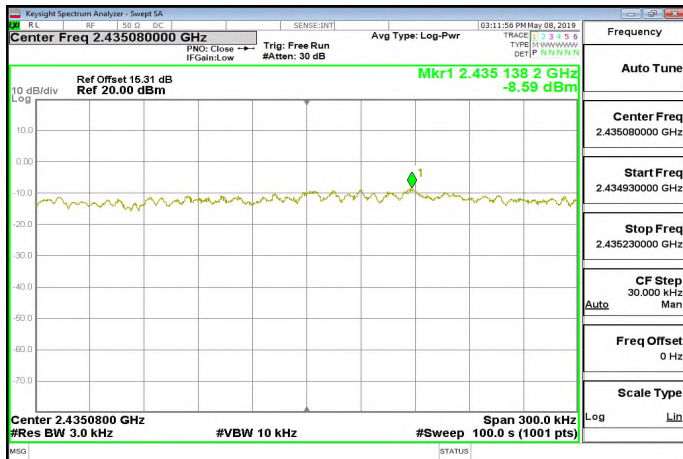
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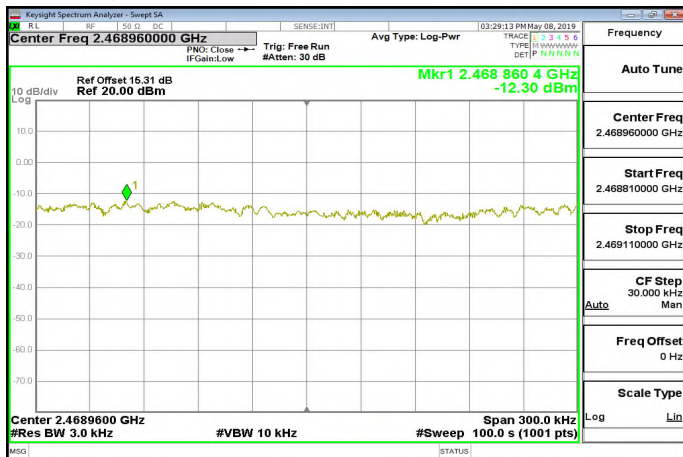
功率密度_802.11n_20MHz_Chain0_2412MHz



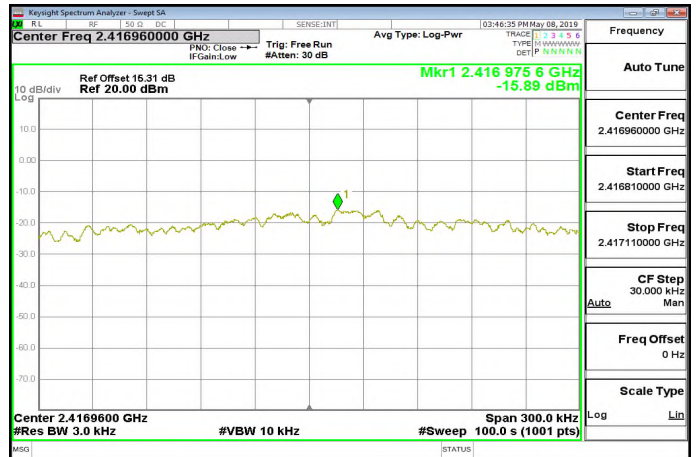
功率密度_802.11n_20MHz_Chain0_2437MHz



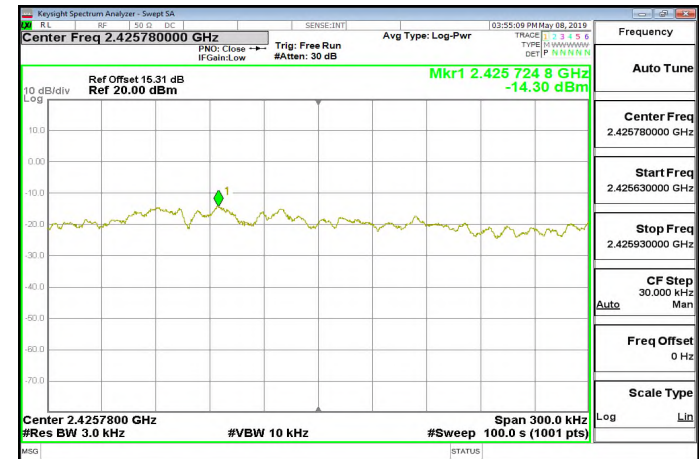
功率密度_802.11n_20MHz_Chain0_2462MHz



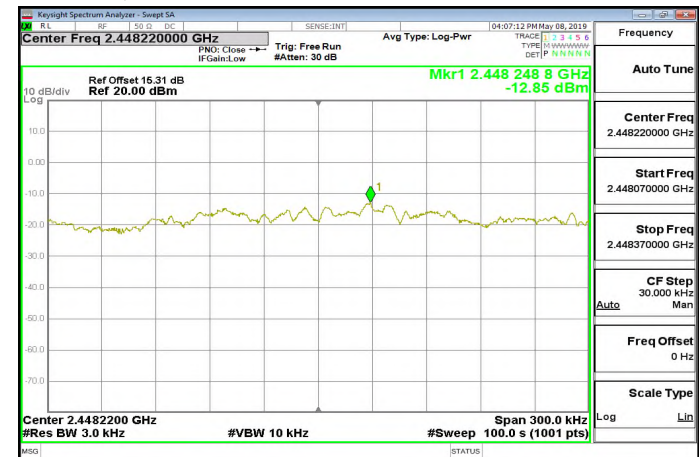
功率密度_802.11n_40MHz_Chain0_2422MHz



功率密度_802.11n_40MHz_Chain0_2437MHz



功率密度_802.11n_40MHz_Chain0_2452MHz



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~ End of Report ~

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