

## Appendix B: Test Results

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**Appendix B.1: Test Results of Conducted Power Spectral Density**

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	6.34	≤8.00	PASS
	Ant2	2412	6.22	≤8.00	PASS
	total	----	----	----	----
	Ant1	2437	2.6	≤8.00	PASS
	Ant2	2437	3.9	≤8.00	PASS
	total	----	----	----	----
	Ant1	2462	6.01	≤8.00	PASS
	Ant2	2462	6.44	≤8.00	PASS
	total	----	----	----	----
11G	Ant1	2412	-11.46	≤8.00	PASS
	Ant2	2412	-10.92	≤8.00	PASS
	total	----	----	----	----
	Ant1	2437	-12.38	≤8.00	PASS
	Ant2	2437	-11.85	≤8.00	PASS
	total	----	----	----	----
	Ant1	2462	-10.96	≤8.00	PASS
	Ant2	2462	-11.06	≤8.00	PASS
	total	----	----	----	----
11N20MIMO	Ant1	2412	-9.71	≤8.00	PASS
	Ant2	2412	-9.45	≤8.00	PASS
	total	2412	-6.57	≤8.00	PASS
	Ant1	2437	-12.16	≤8.00	PASS
	Ant2	2437	-10.11	≤8.00	PASS
	total	2437	-8.00	≤8.00	PASS
	Ant1	2462	-9.85	≤8.00	PASS
	Ant2	2462	-8.93	≤8.00	PASS
	total	2462	-6.36	≤8.00	PASS
11N40MIMO	Ant1	2422	-12.51	≤8.00	PASS
	Ant2	2422	-12.79	≤8.00	PASS
	total	2422	-9.64	≤8.00	PASS
	Ant1	2437	-13.61	≤8.00	PASS
	Ant2	2437	-12.4	≤8.00	PASS
	total	2437	-9.95	≤8.00	PASS
	Ant1	2452	-12.73	≤8.00	PASS
	Ant2	2452	-13.84	≤8.00	PASS
	total	2452	-10.24	≤8.00	PASS

11B Ant1 2412



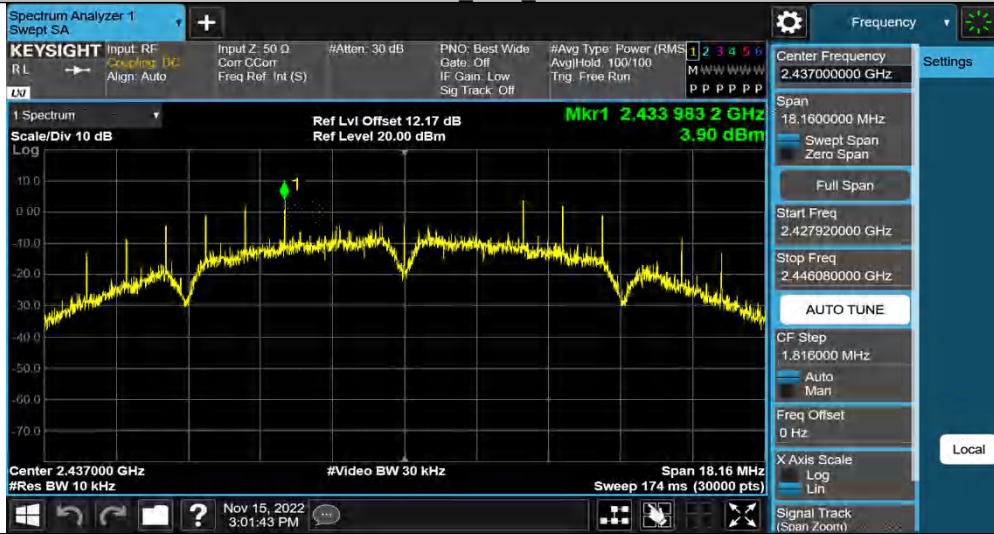
11B Ant2 2412



11B Ant1 2437



11B\_Ant2\_2437



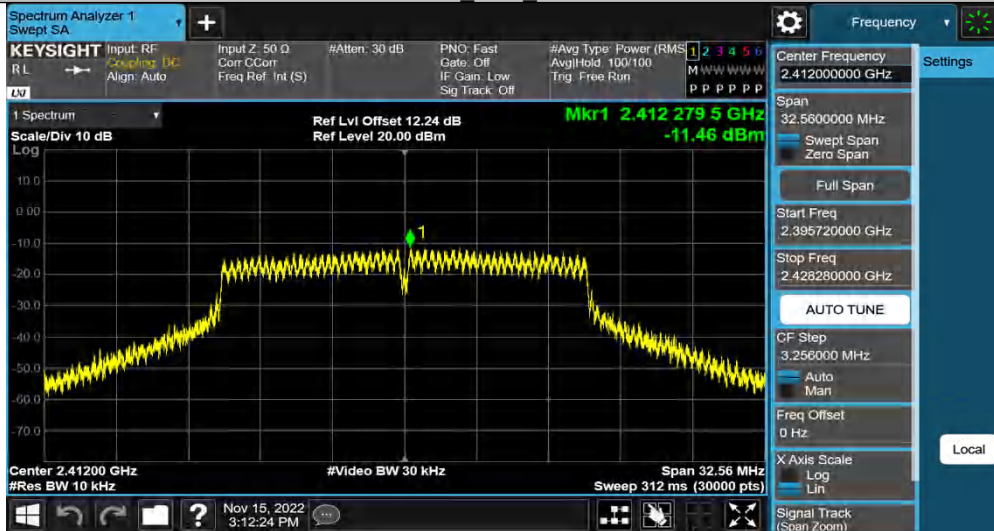
11B\_Ant1\_2462



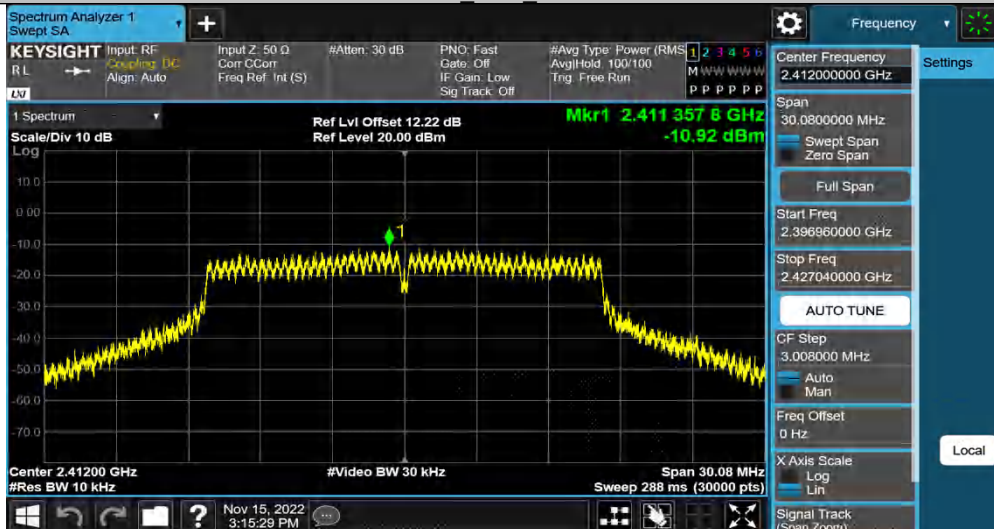
11B\_Ant2\_2462



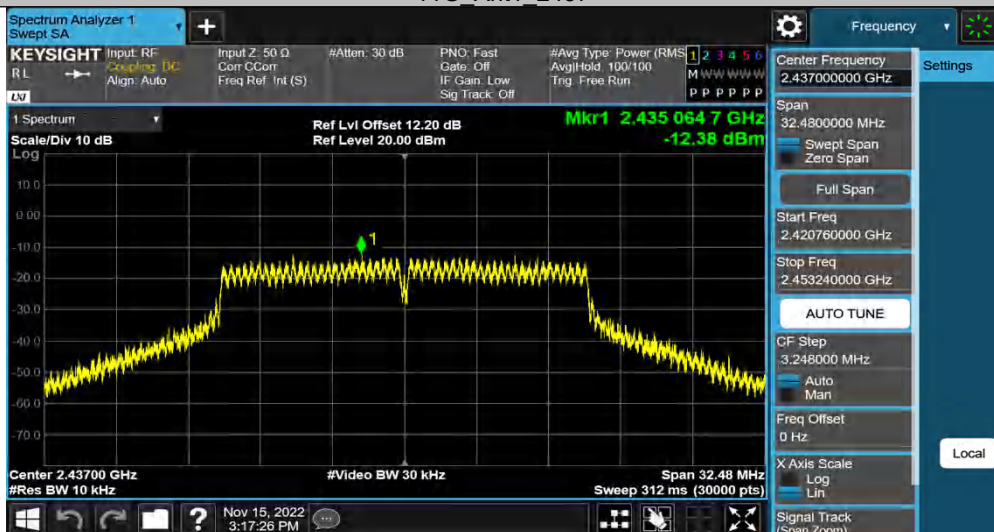
11G Ant1 2412



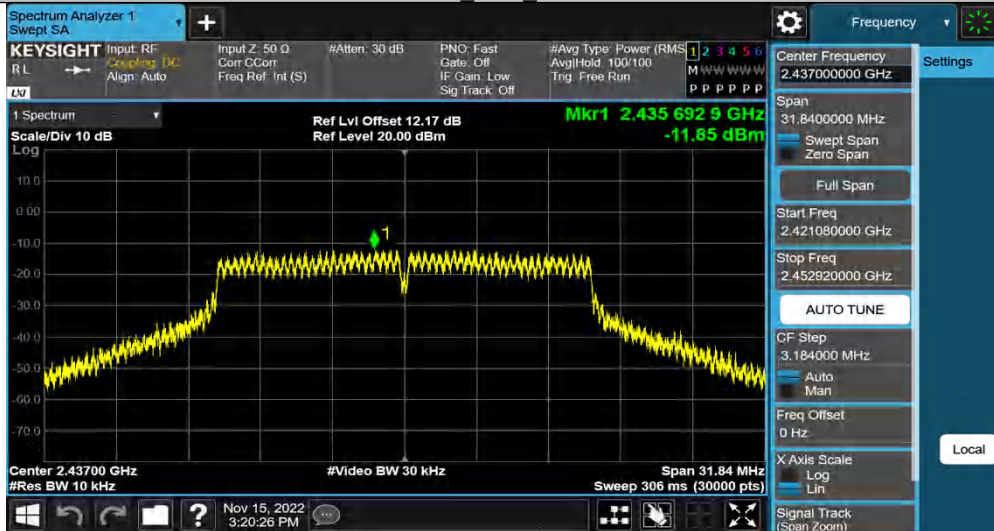
11G Ant2 2412



11G Ant1 2437



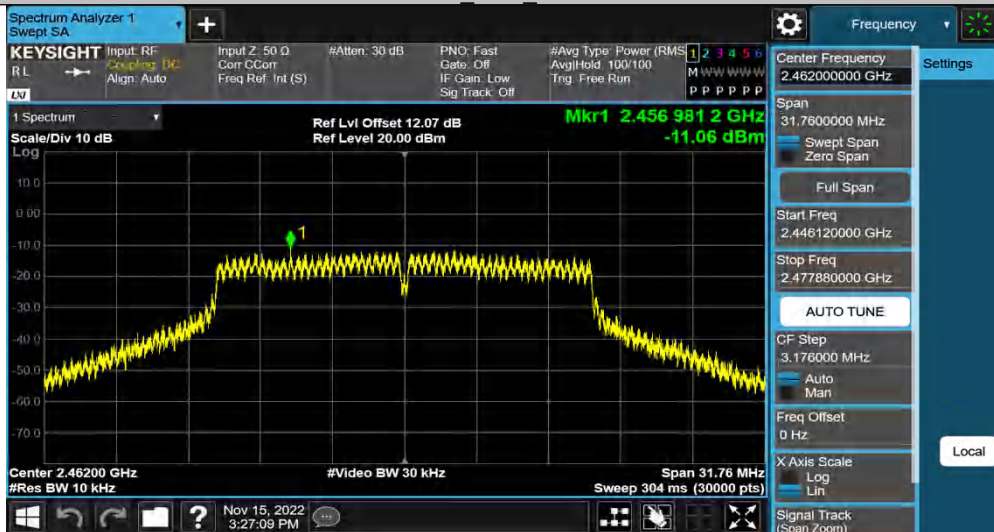
11G\_Ant2\_2437



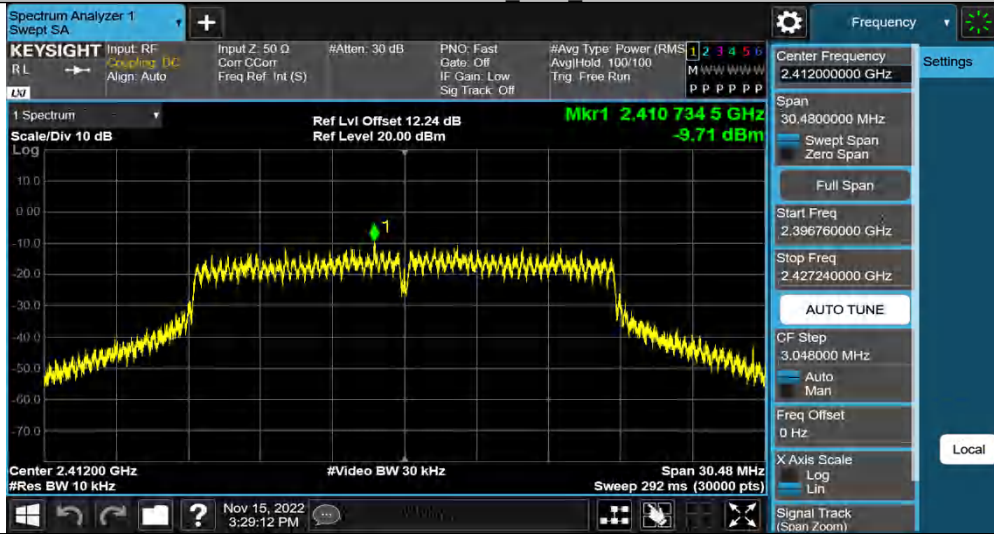
11G\_Ant1\_2462



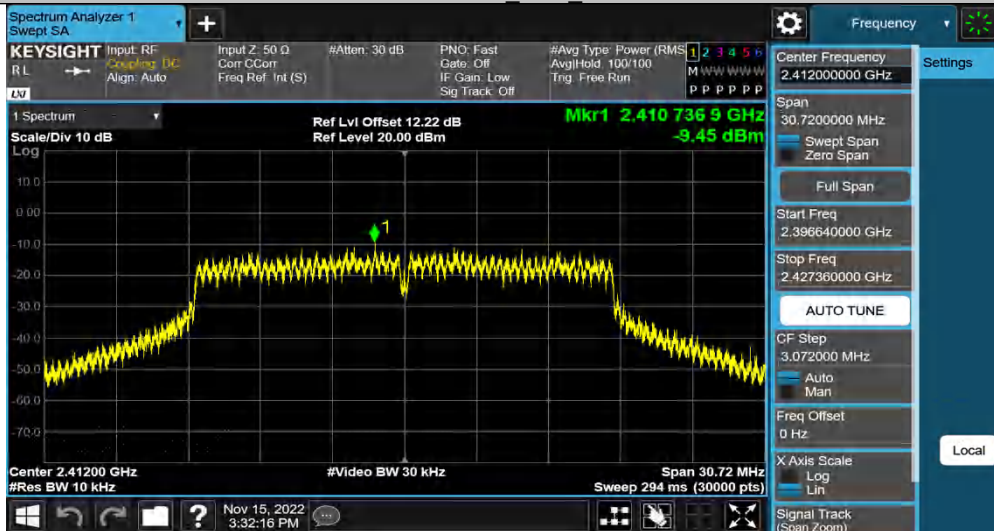
11G\_Ant2\_2462



11N20MIMO Ant1 2412



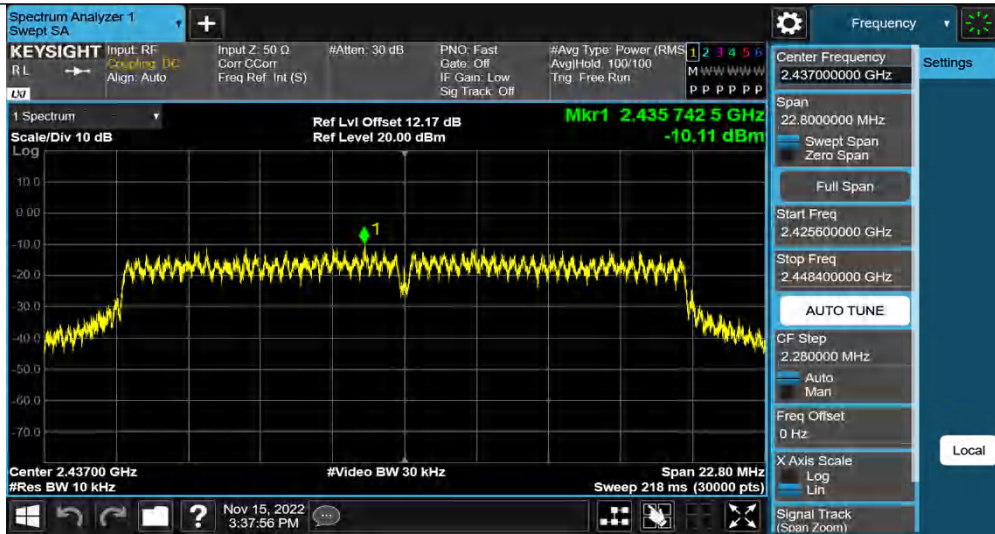
11N20MIMO Ant2 2412



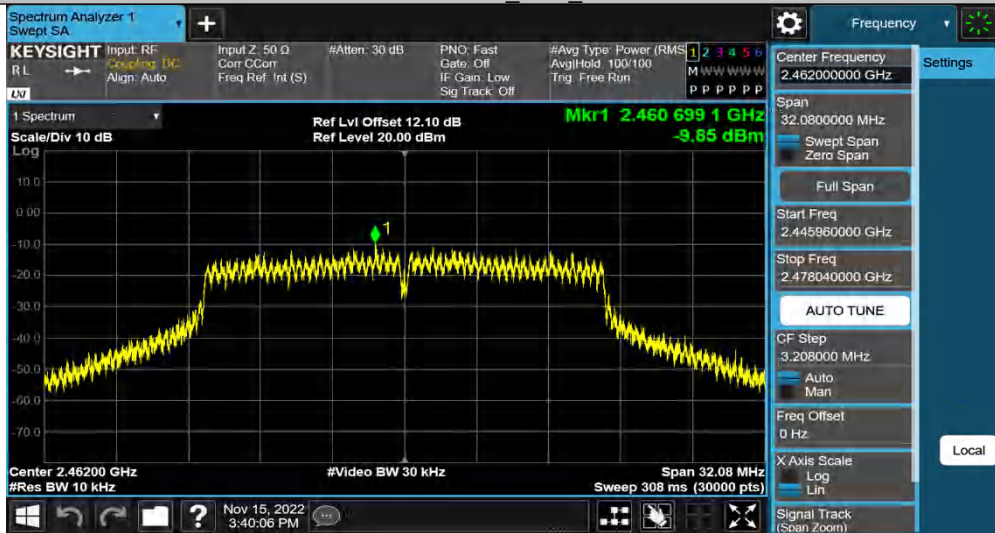
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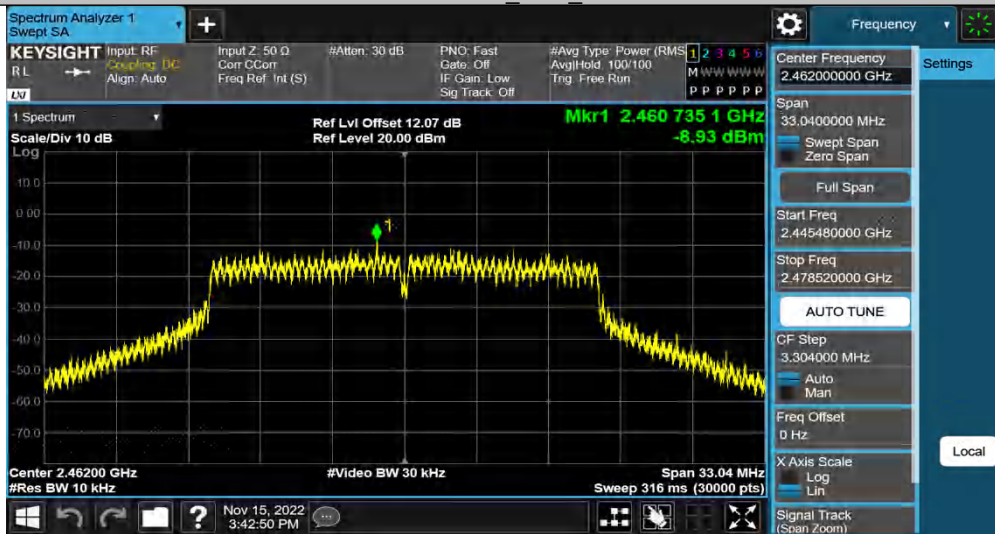
11N20MIMO Ant2 2437



11N20MIMO Ant1 2462

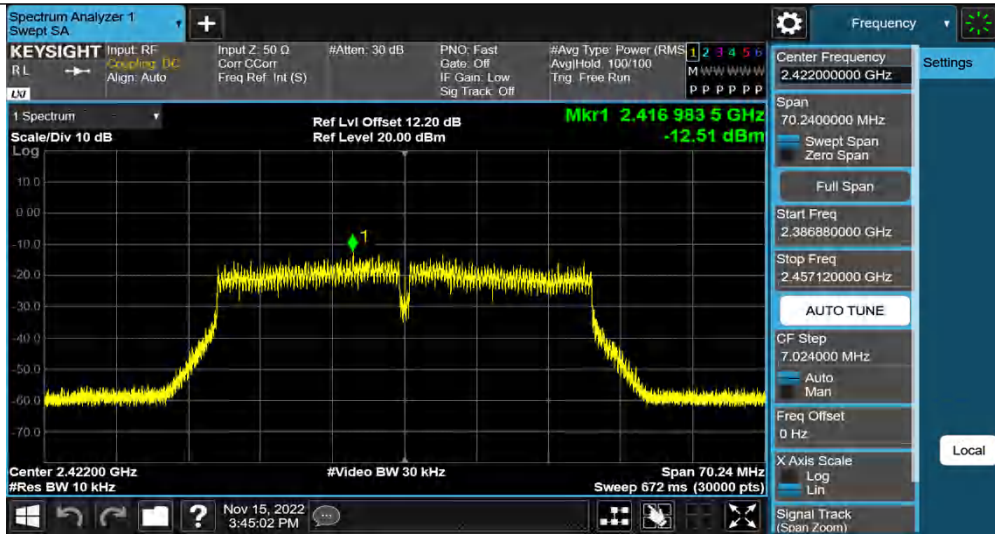


11N20MIMO Ant2 2462

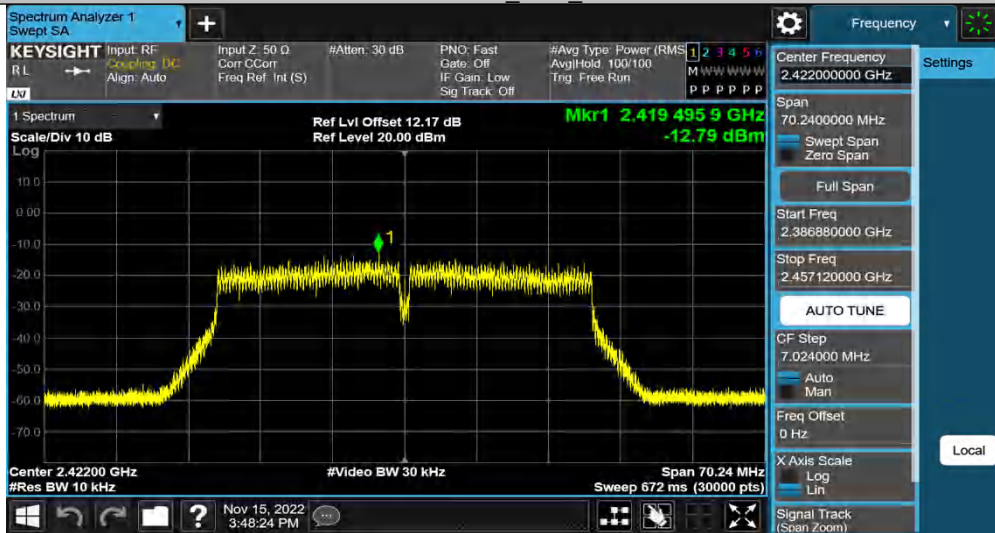


11N40MIMO Ant1 2422

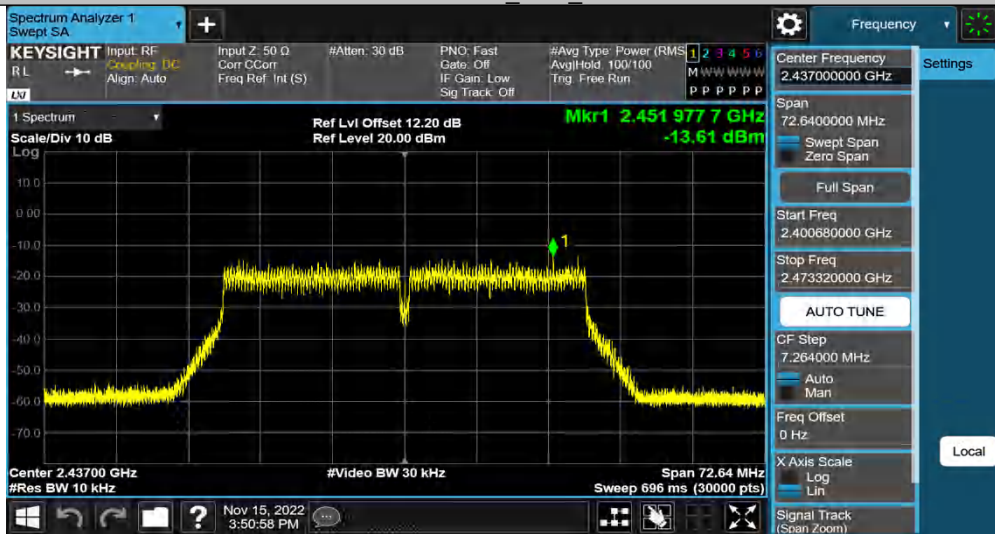




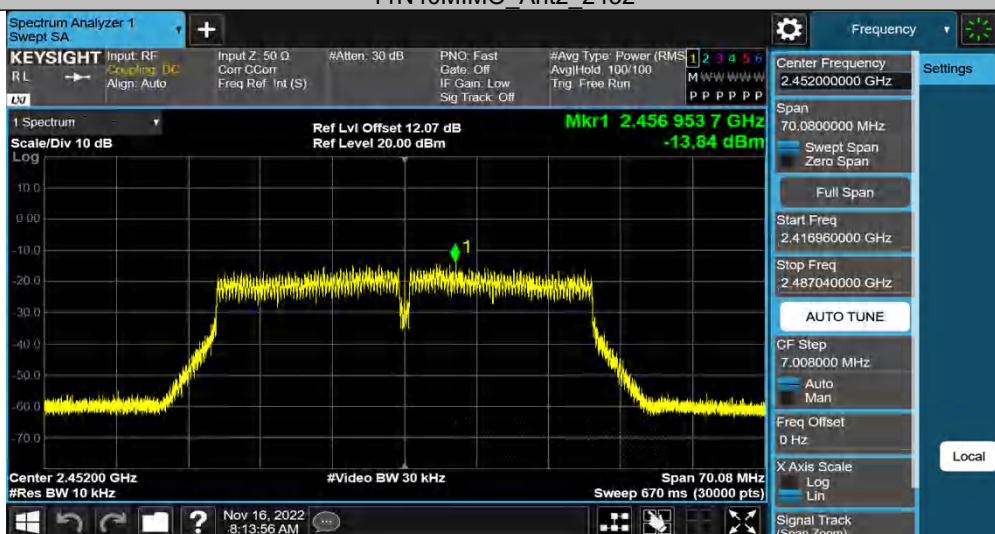
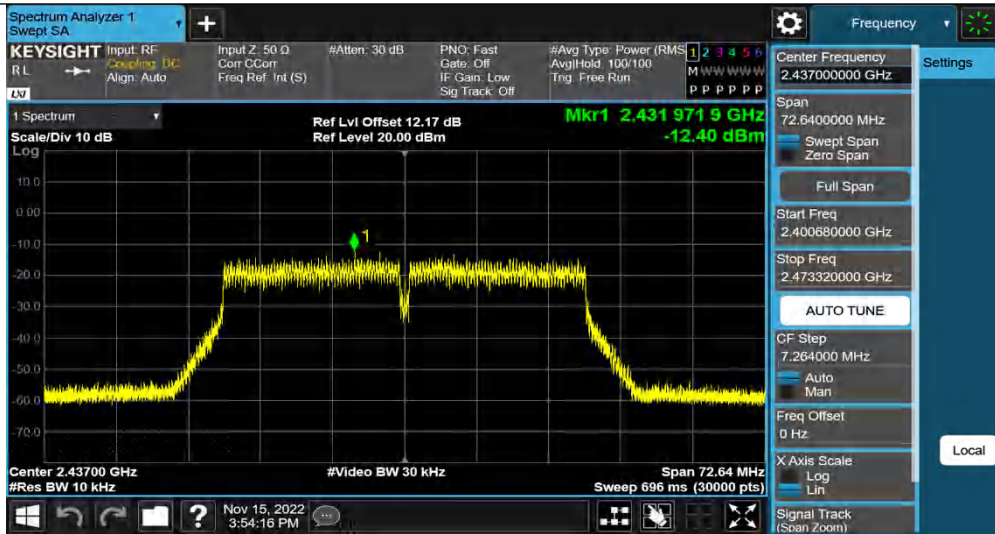
11N40MIMO Ant2 2422



11N40MIMO Ant1 2437



11N40MIMO Ant2 2437



**Appendix B.2: Test Results of 6dB Bandwidth**

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.600	2407.960	2415.560	0.5	PASS
	Ant2	2412	8.480	2408.040	2416.520	0.5	PASS
	Ant1	2437	8.080	2432.960	2441.040	0.5	PASS
	Ant2	2437	9.080	2432.440	2441.520	0.5	PASS
	Ant1	2462	8.080	2457.960	2466.040	0.5	PASS
	Ant2	2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant1	2412	16.280	2403.840	2420.120	0.5	PASS
	Ant2	2412	15.040	2404.480	2419.520	0.5	PASS
	Ant1	2437	16.240	2428.880	2445.120	0.5	PASS
	Ant2	2437	15.920	2428.880	2444.800	0.5	PASS
	Ant1	2462	16.360	2453.800	2470.160	0.5	PASS
	Ant2	2462	15.040	2454.400	2469.440	0.5	PASS
11N20MIMO	Ant1	2412	15.240	2404.480	2419.720	0.5	PASS
	Ant2	2412	15.360	2404.120	2419.480	0.5	PASS
	Ant1	2437	15.960	2429.400	2445.360	0.5	PASS
	Ant2	2437	16.920	2428.480	2445.400	0.5	PASS
	Ant1	2462	16.040	2454.080	2470.120	0.5	PASS
	Ant2	2462	16.520	2453.600	2470.120	0.5	PASS
11N40MIMO	Ant1	2422	35.120	2404.400	2439.520	0.5	PASS
	Ant2	2422	35.120	2404.400	2439.520	0.5	PASS
	Ant1	2437	36.320	2418.840	2455.160	0.5	PASS
	Ant2	2437	36.320	2418.840	2455.160	0.5	PASS
	Ant1	2452	35.040	2434.480	2469.520	0.5	PASS
	Ant2	2452	35.040	2434.480	2469.520	0.5	PASS

11B Ant1 2412



11B Ant2 2412



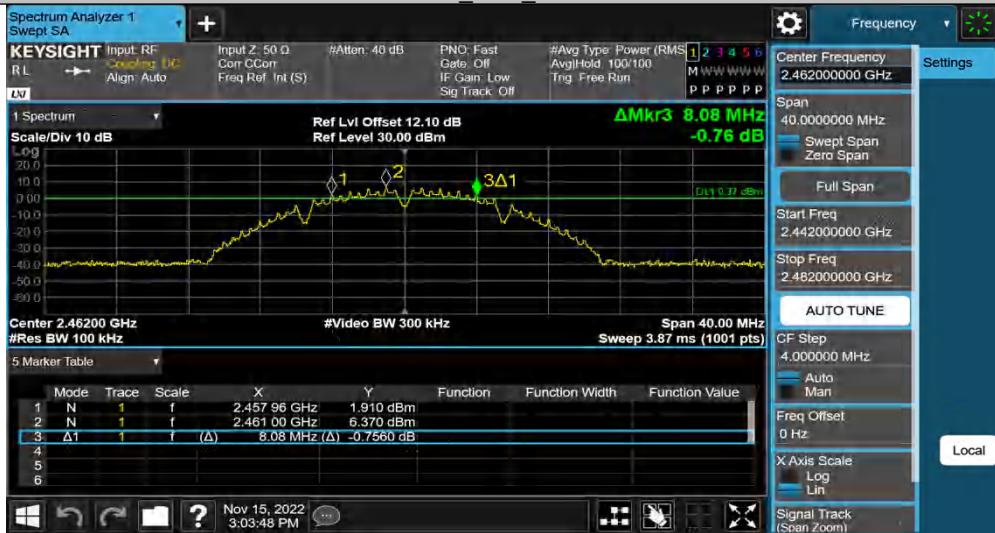
11B Ant1 2437



11B Ant2 2437



11B Ant1 2462



11B Ant2 2462



11G Ant1 2412



11G\_Ant2\_2412



11G\_Ant1\_2437



11G\_Ant2\_2437



11G Ant1 2462



11G Ant2 2462



11N20MIMO Ant1 2412



11N20MIMO Ant2 2412



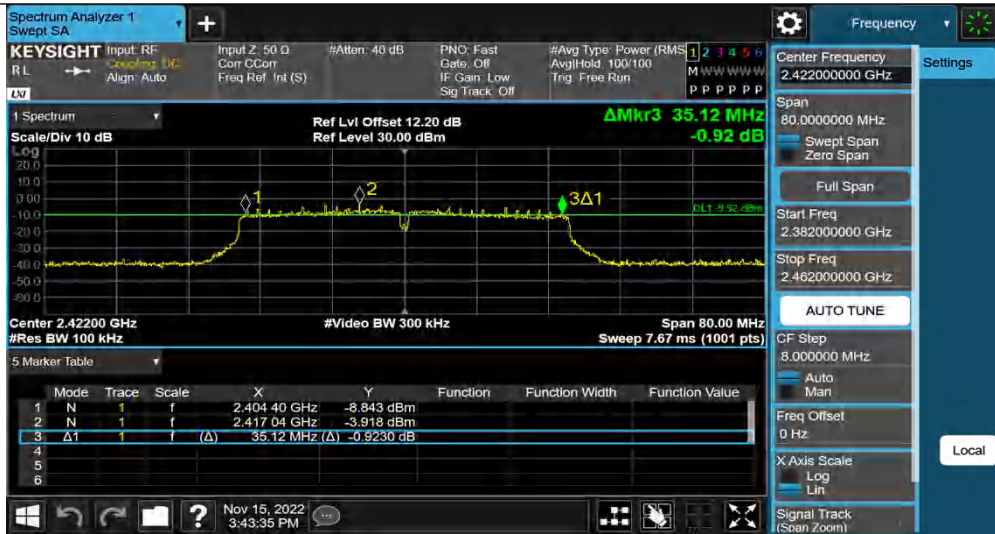
11N20MIMO Ant1 2437



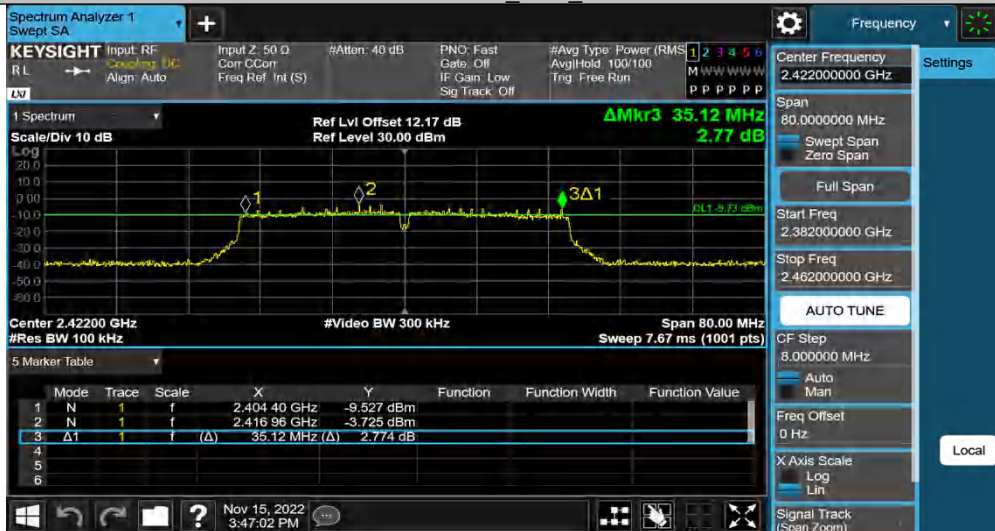
11N20MIMO Ant2 2437



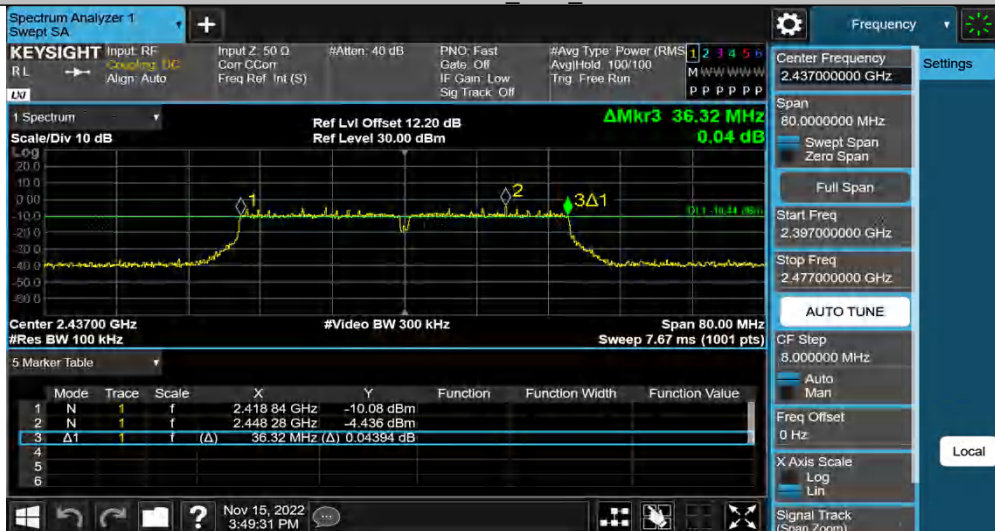




11N40MIMO Ant2 2422



11N40MIMO Ant1 2437

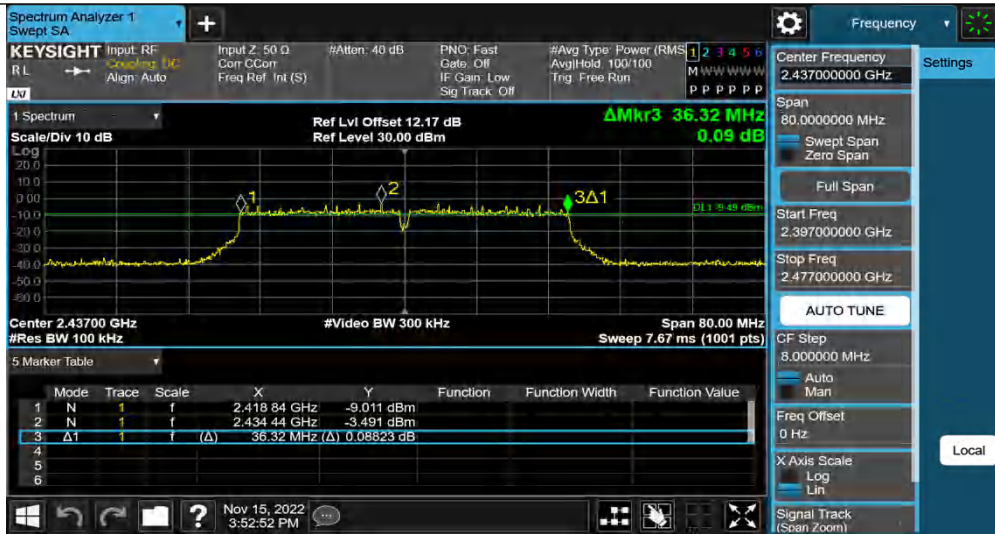


11N40MIMO Ant2 2437

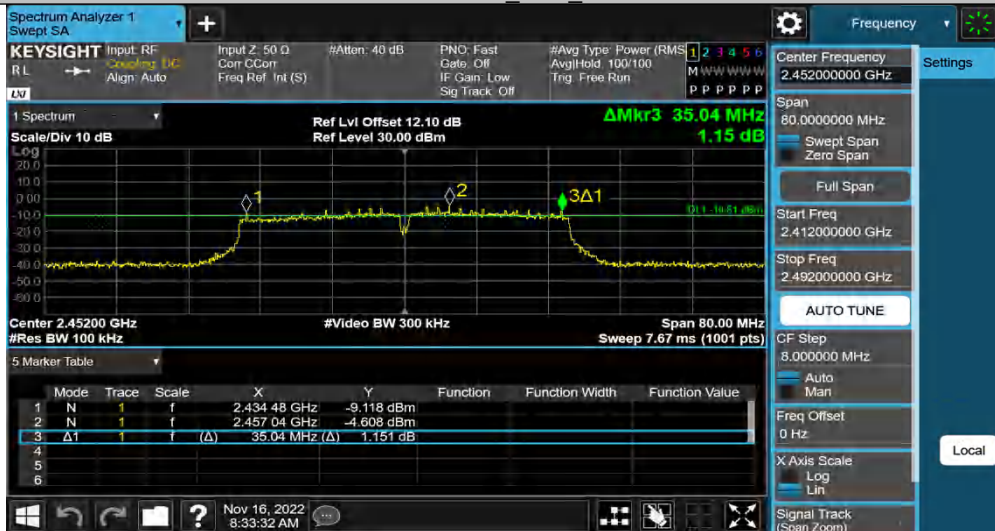
# Appendix B CN23IYRN 002



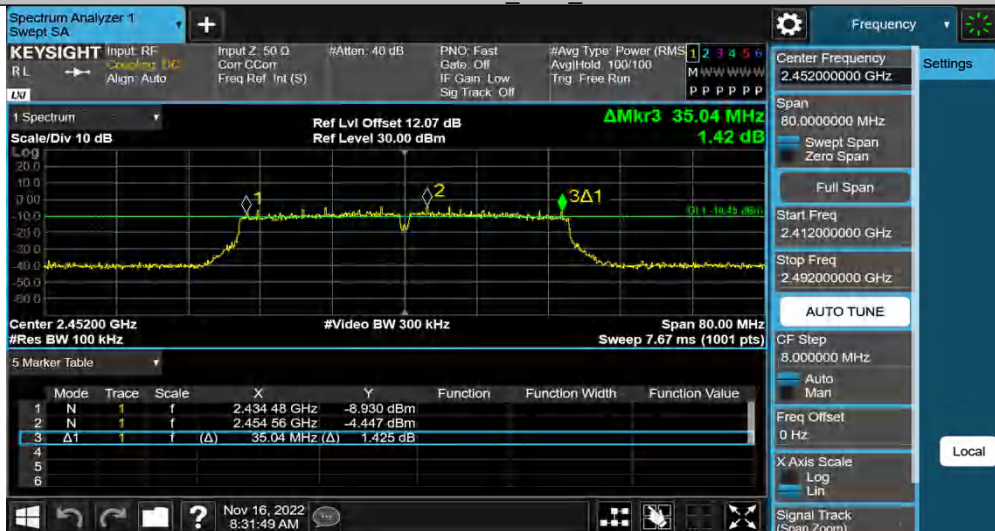
Prüfbericht - Produkte  
Test Report - Products



11N40MIMO Ant1 2452



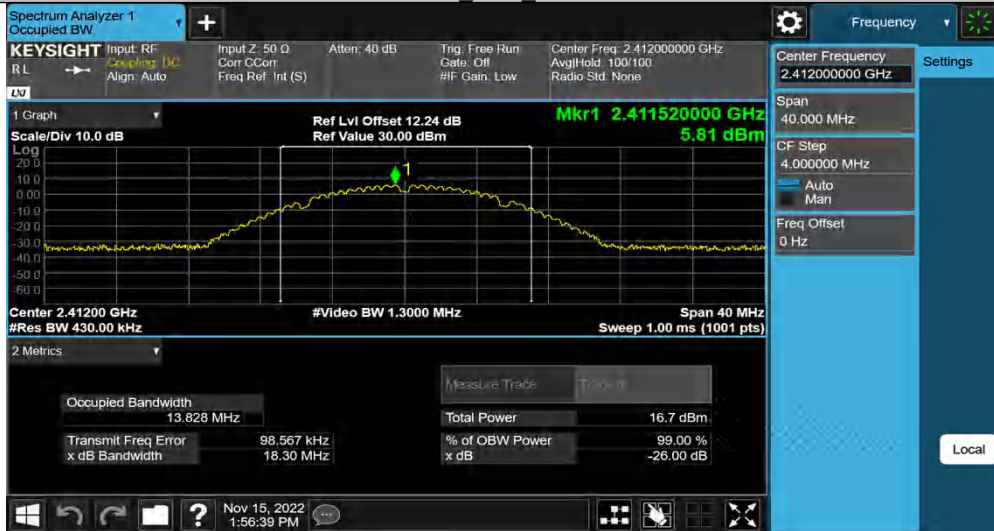
11N40MIMO Ant2 2452



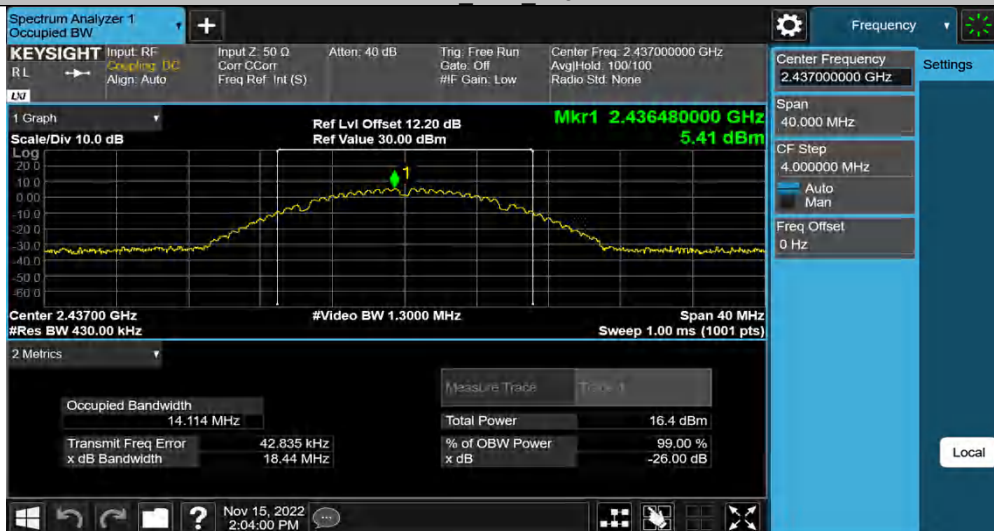
**Appendix B.3: Test Results of 99% Bandwidth**

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.828	2405.1846	2419.0126	---	PASS
		2437	14.114	2429.9858	2444.0998	---	PASS
		2462	13.798	2455.1421	2468.9401	---	PASS
11G	Ant1	2412	16.761	2403.7020	2420.4630	---	PASS
		2437	17.070	2428.5290	2445.5990	---	PASS
		2462	16.764	2453.6265	2470.3905	---	PASS
11N20MIMO	Ant1	2412	17.945	2403.0690	2421.0140	---	PASS
		2437	18.142	2427.9696	2446.1116	---	PASS
		2462	17.907	2453.0612	2470.9682	---	PASS
11N40MIMO	Ant1	2422	36.255	2403.8897	2440.1447	---	PASS
		2437	36.694	2418.7250	2455.4190	---	PASS
		2452	36.377	2433.9658	2470.3428	---	PASS

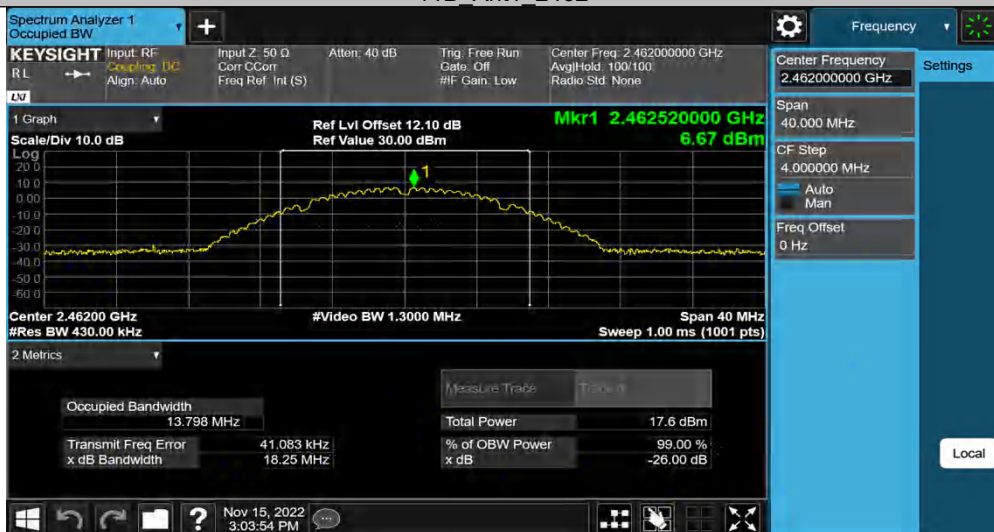
11B Ant1 2412



11B Ant1 2437



11B Ant1 2462



11G Ant1 2412



11G Ant1 2437



11G Ant1 2462



11N20MIMO Ant1 2412



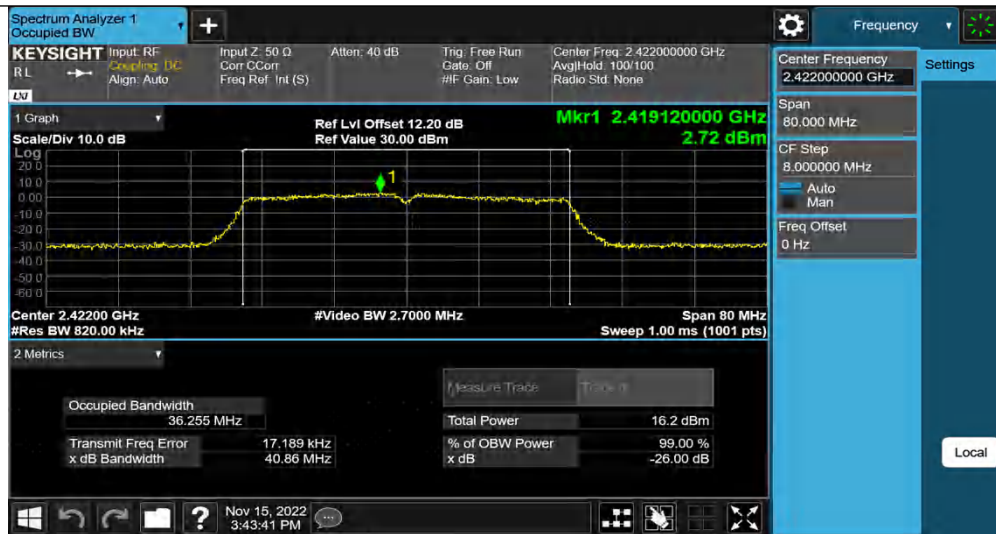
11N20MIMO Ant1 2437



11N20MIMO Ant1 2462



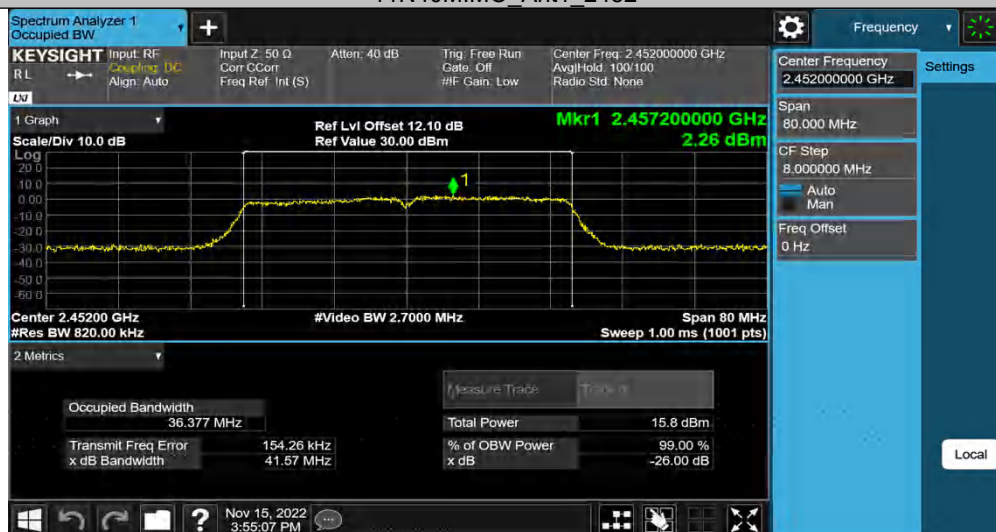
11N40MIMO Ant1 2422



11N40MIMO Ant1 2437



11N40MIMO Ant1 2452





### Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

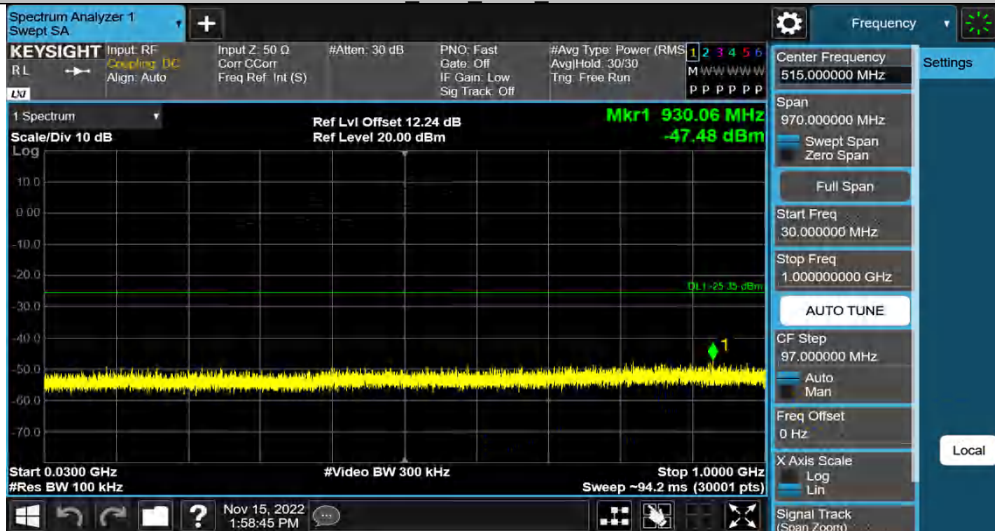
#### Conducted Spurious Emission

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.65	4.65	---	PASS
			30~1000	4.65	-47.48	≤-25.35	PASS
			1000~26500	4.65	-38.75	≤-25.35	PASS
		2437	Reference	3.44	3.44	---	PASS
			30~1000	3.44	-47.81	≤-26.56	PASS
			1000~26500	3.44	-38.55	≤-26.56	PASS
		2462	Reference	4.17	4.17	---	PASS
			30~1000	4.17	-47.85	≤-25.83	PASS
			1000~26500	4.17	-38.83	≤-25.83	PASS
11G	Ant1	2412	Reference	-4.28	-4.28	---	PASS
			30~1000	-4.28	-47.82	≤-34.28	PASS
			1000~26500	-4.28	-38.6	≤-34.28	PASS
		2437	Reference	-5.94	-5.94	---	PASS
			30~1000	-5.94	-47.62	≤-35.94	PASS
			1000~26500	-5.94	-39.31	≤-35.94	PASS
		2462	Reference	-4.93	-4.93	---	PASS
			30~1000	-4.93	-48.05	≤-34.93	PASS
			1000~26500	-4.93	-39.1	≤-34.93	PASS
11N20MIMO	Ant1	2412	Reference	-4.23	-4.23	---	PASS
			30~1000	-4.23	-47.18	≤-34.23	PASS
			1000~26500	-4.23	-38.22	≤-34.23	PASS
		2437	Reference	-5.10	-5.10	---	PASS
			30~1000	-5.10	-47.75	≤-35.1	PASS
			1000~26500	-5.10	-38.76	≤-35.1	PASS
		2462	Reference	-3.29	-3.29	---	PASS
			30~1000	-3.29	-47.56	≤-33.29	PASS
			1000~26500	-3.29	-39.49	≤-33.29	PASS
11N40MIMO	Ant1	2422	Reference	-6.04	-6.04	---	PASS
			30~1000	-6.04	-47.44	≤-36.04	PASS
			1000~26500	-6.04	-38.68	≤-36.04	PASS
		2437	Reference	-5.50	-5.50	---	PASS
			30~1000	-5.50	-47.9	≤-35.5	PASS
			1000~26500	-5.50	-38.91	≤-35.5	PASS
		2452	Reference	-5.59	-5.59	---	PASS
			30~1000	-5.59	-48.1	≤-35.59	PASS
			1000~26500	-5.59	-40.19	≤-35.59	PASS

11B\_Ant1\_2412\_0~Reference



11B\_Ant1\_2412\_30~1000



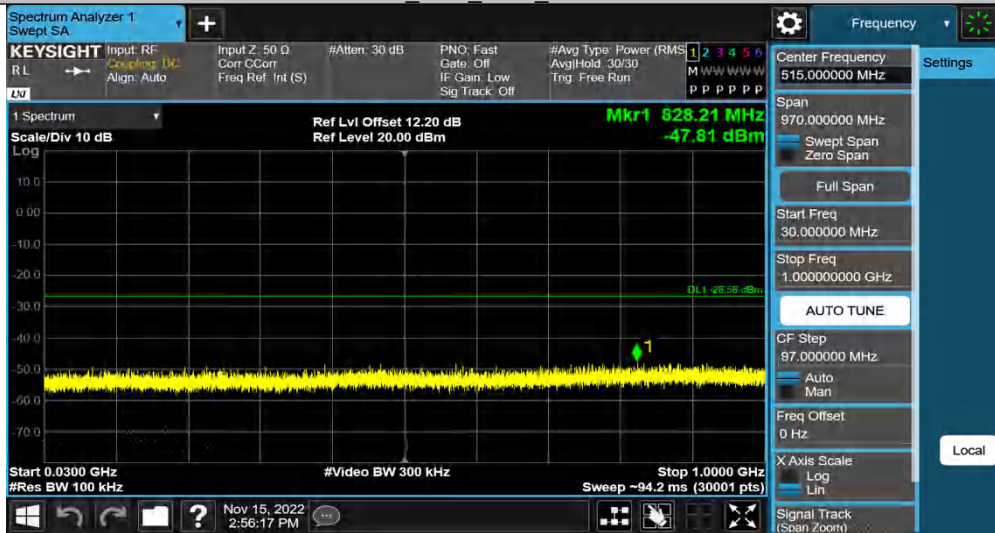
11B\_Ant1\_2412\_1000~26500



11B\_Ant1\_2437\_0~Reference



11B\_Ant1\_2437\_30~1000



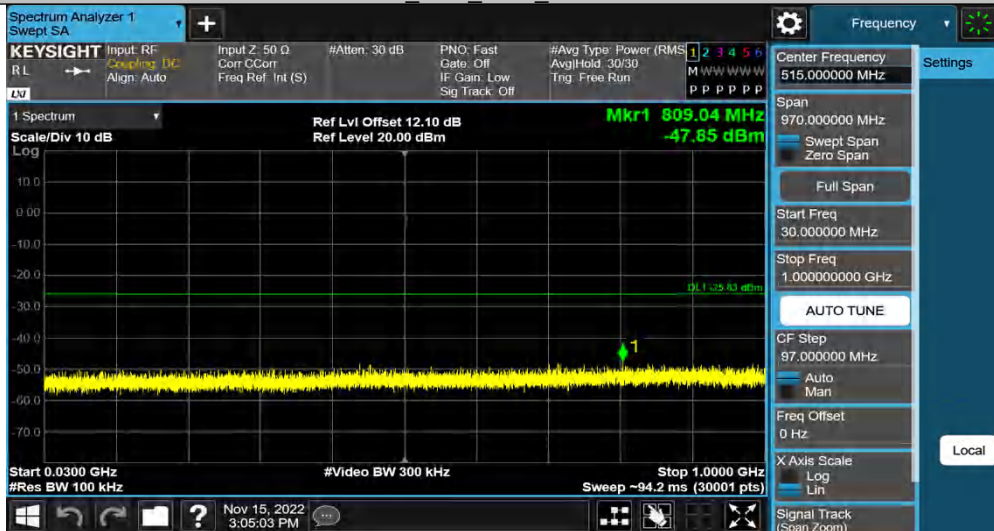
11B\_Ant1\_2437\_1000~26500



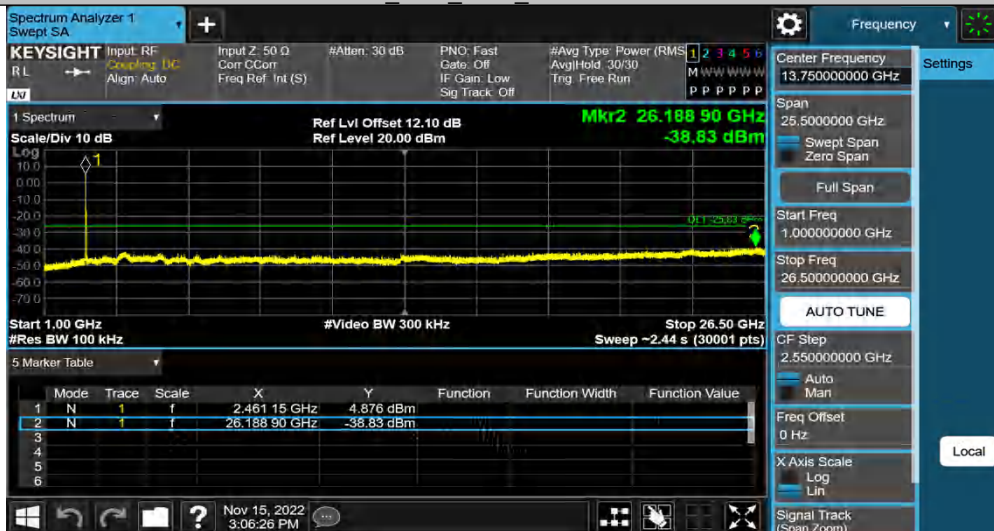
11B\_Ant1\_2462\_0~Reference



11B\_Ant1\_2462\_30~1000



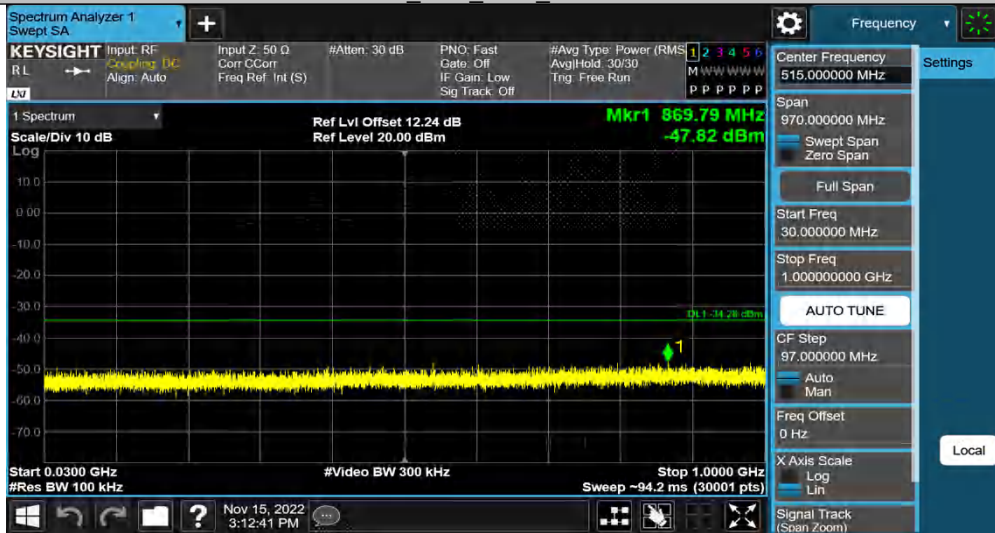
11B\_Ant1\_2462\_1000~26500



11G\_Ant1\_2412\_0~Reference



11G Ant1\_2412\_30~1000



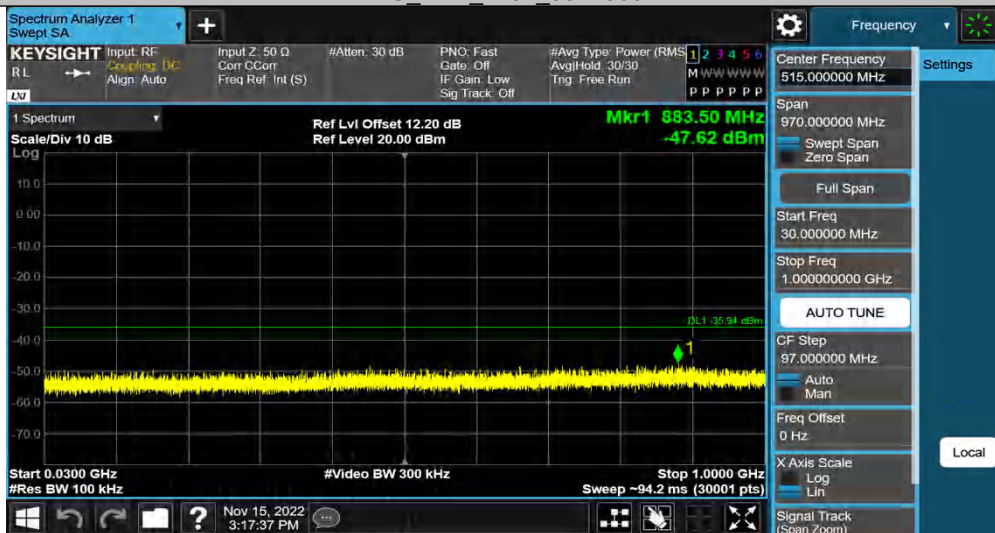
11G Ant1\_2412\_1000~26500



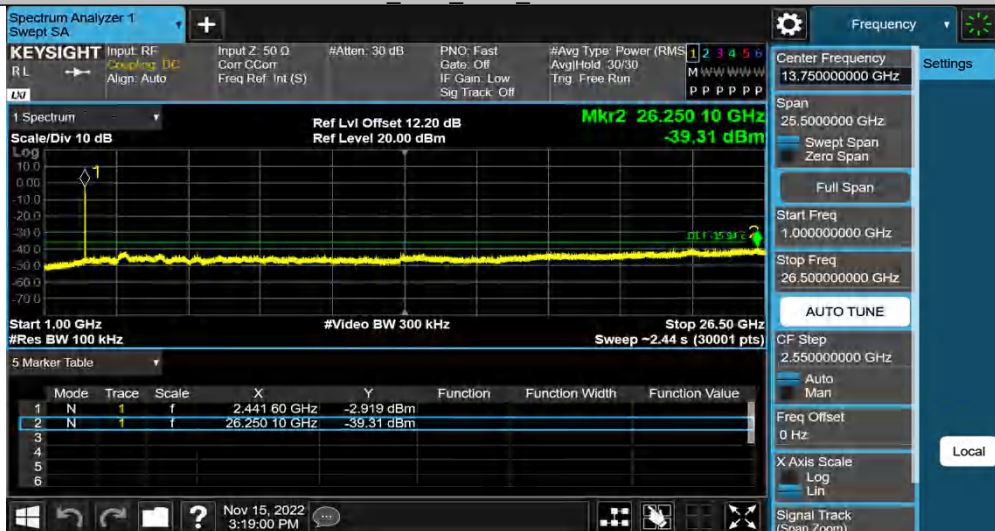
11G Ant1\_2437\_0~Reference



11G Ant1 2437 30~1000



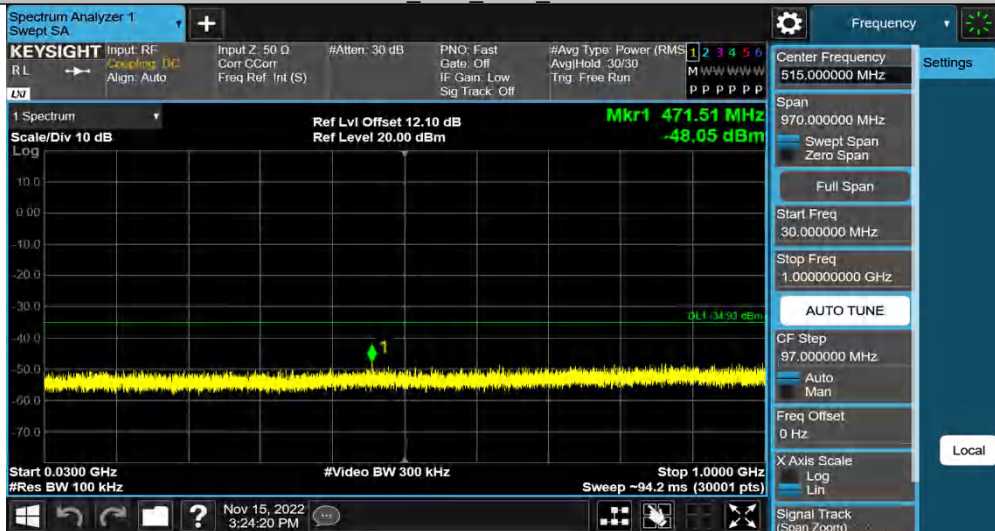
11G Ant1 2437 1000~26500



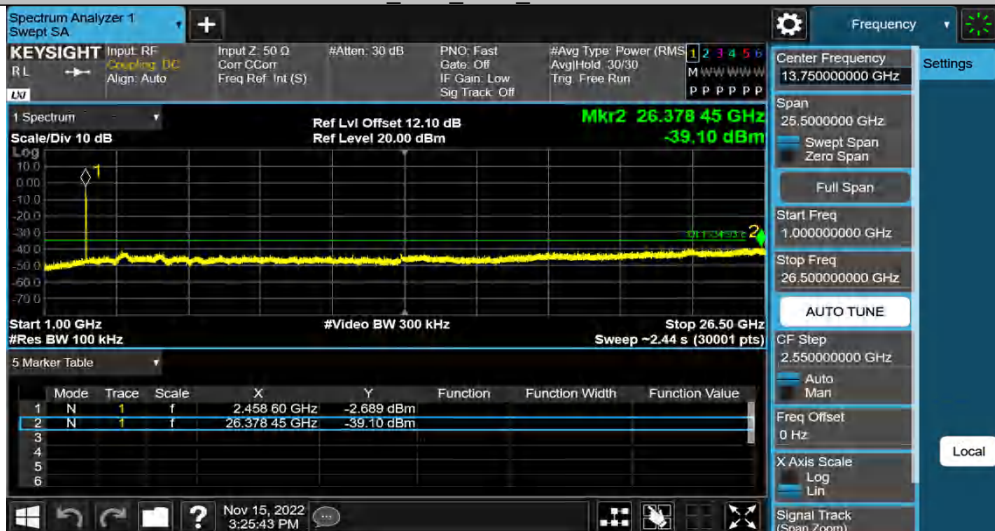
11G Ant1\_2462 0~Reference



11G Ant1 2462 30~1000



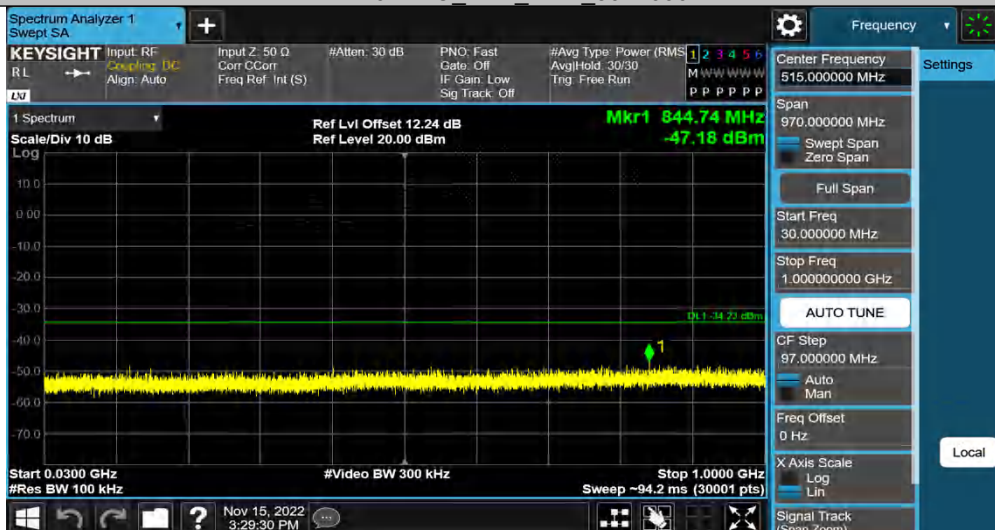
11G Ant1 2462 1000~26500



11N20MIMO\_Ant1\_2412\_0~Reference



11N20MIMO Ant1 2412 30~1000



11N20MIMO Ant1 2412 1000~26500

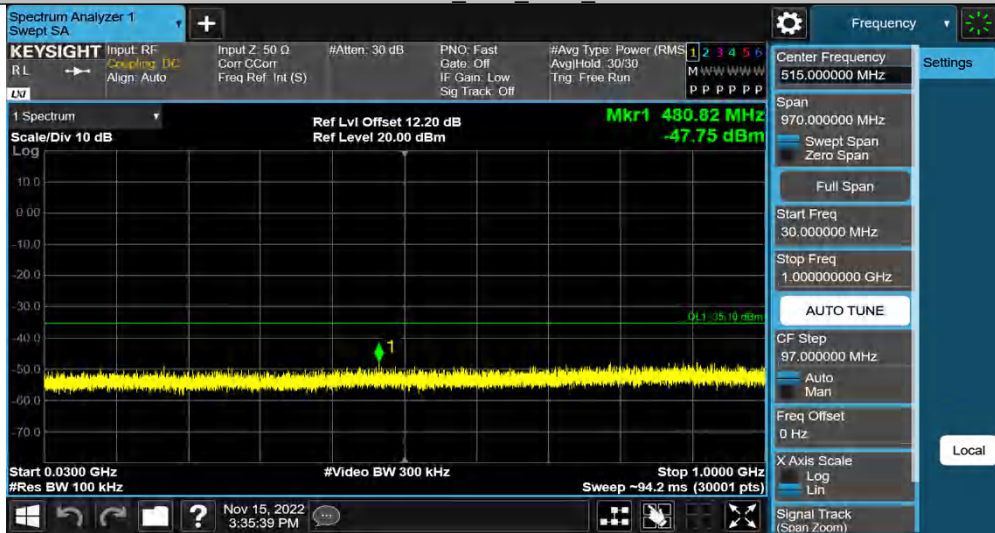


11N20MIMO Ant1 2437 0~Reference





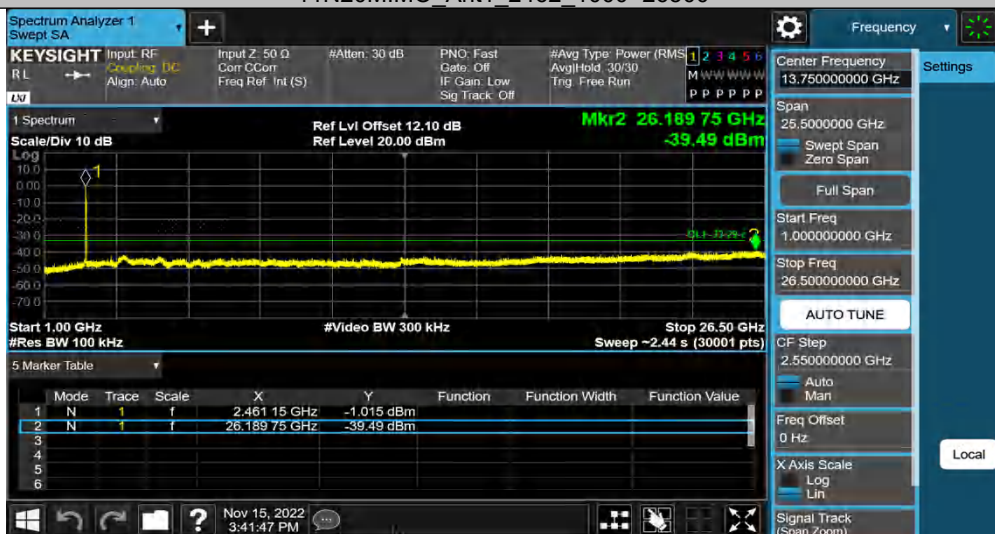
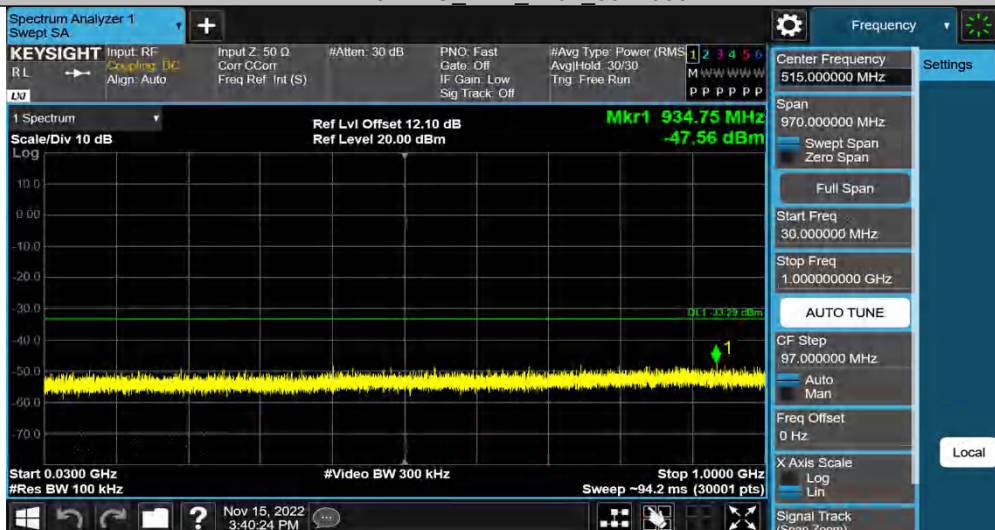
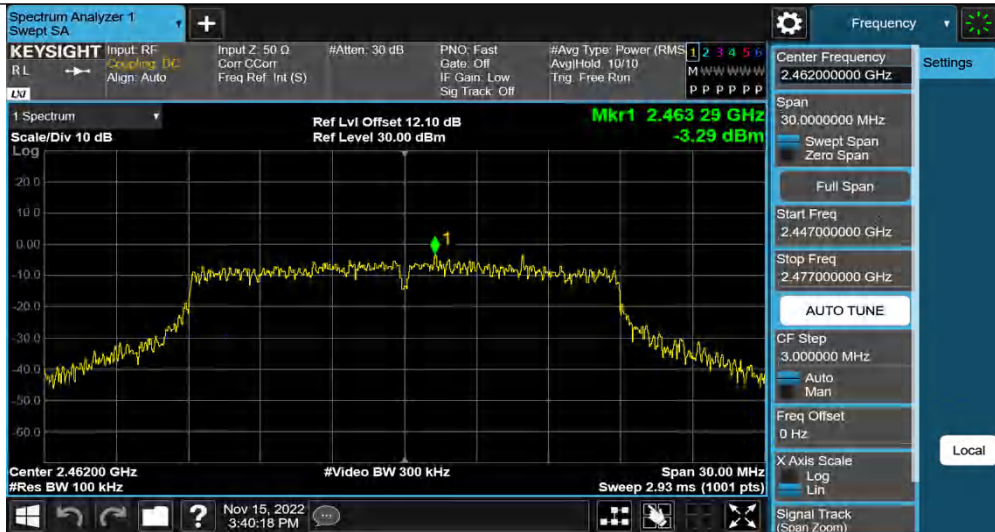
11N20MIMO\_Ant1\_2437\_30~1000



11N20MIMO\_Ant1\_2437\_1000~26500

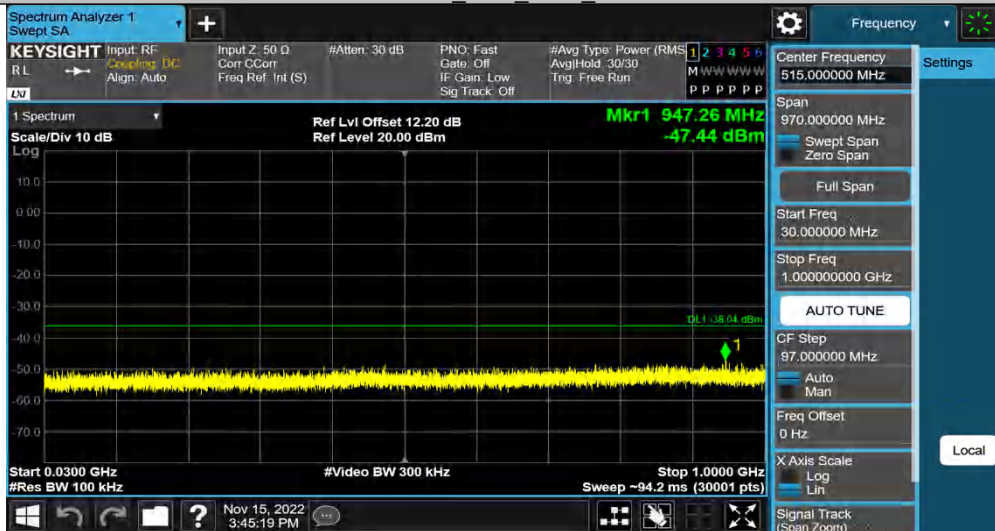


11N20MIMO\_Ant1\_2462\_0~Reference

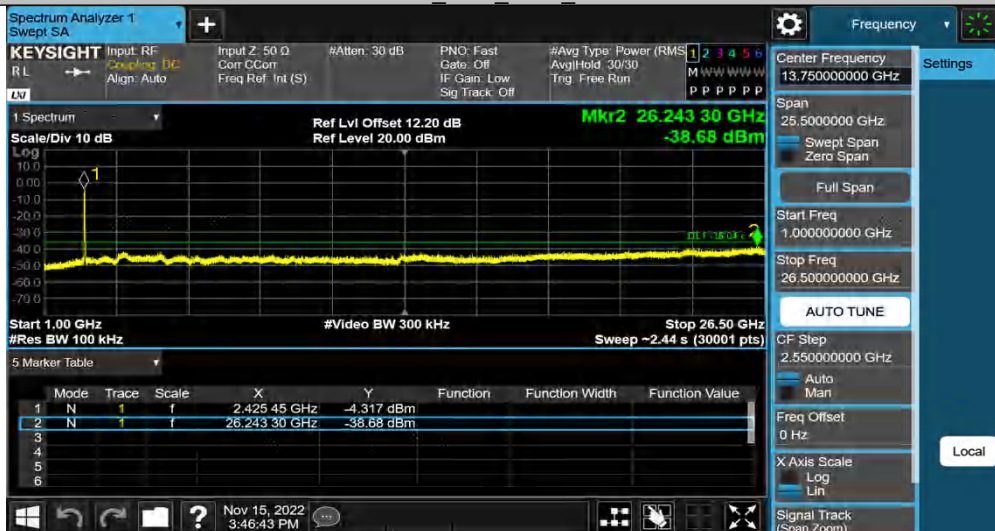




11N40MIMO Ant1 2422 30~1000



11N40MIMO Ant1 2422 1000~26500



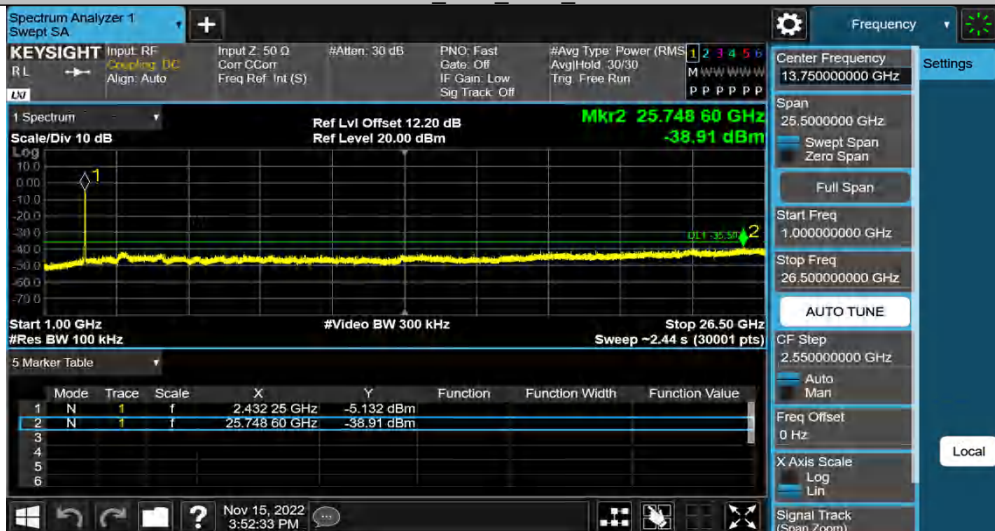
11N40MIMO Ant1 2437 0~Reference



11N40MIMO Ant1 2437 30~1000



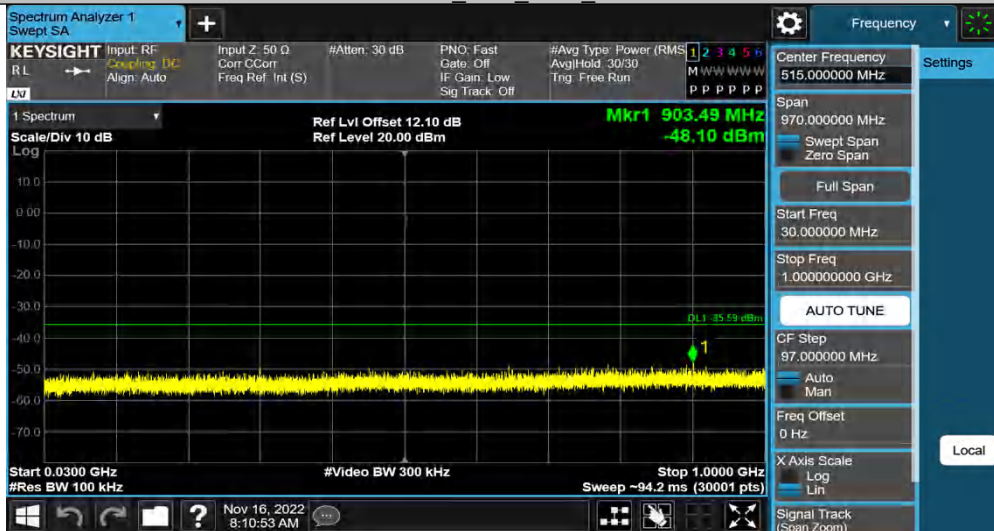
11N40MIMO Ant1 2437 1000~26500



11N40MIMO Ant1 2452 0~Reference



11N40MIMO Ant1 2452 30~1000



11N40MIMO Ant1 2452 1000~26500



**Band Edge**

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.28	-42.32	≤-13.72	PASS
		High	2462	5.99	-46.64	≤-14.01	PASS
11G	Ant1	Low	2412	-0.58	-34.06	≤-20.58	PASS
		High	2462	-0.36	-46.95	≤-20.36	PASS
11N20MIMO	Ant1	Low	2412	-1.17	-31.68	≤-21.17	PASS
		High	2462	-0.65	-46.42	≤-20.65	PASS
11N40MIMO	Ant1	Low	2422	-3.44	-41.75	≤-23.44	PASS
		High	2452	-4.94	-46.89	≤-24.94	PASS

11B Ant1 Low 2412



11B Ant1 High 2462



11G Ant1 Low 2412



11G Ant1 High 2462



11N20MIMO Ant1 Low 2412



11N20MIMO Ant1 High 2462


**11N40MIMO Ant1 Low 2422**

**11N40MIMO Ant1 High 2422**

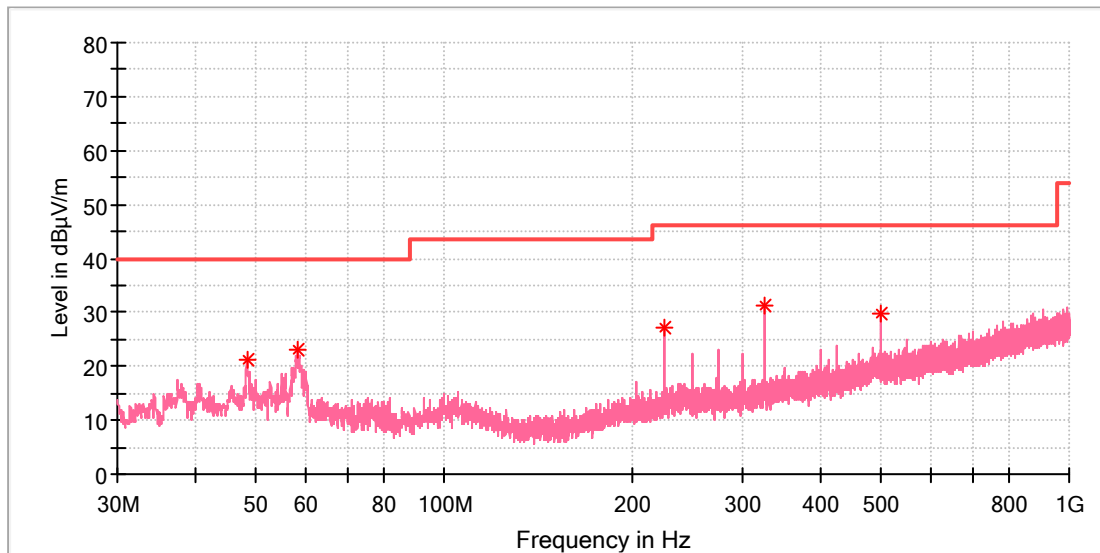
**11N40MIMO Ant1 High 2452**





## EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



## Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
48.333000	21.39	40.00	18.61	100.0	V	137.0	-18.4
58.178500	22.92	40.00	17.08	100.0	V	220.0	-18.8
225.018500	27.31	46.00	18.69	100.0	V	0.0	-18.3
325.025500	31.28	46.00	14.72	100.0	V	266.0	-15.6
500.013500	29.78	46.00	16.22	100.0	V	42.0	-11.8

## Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

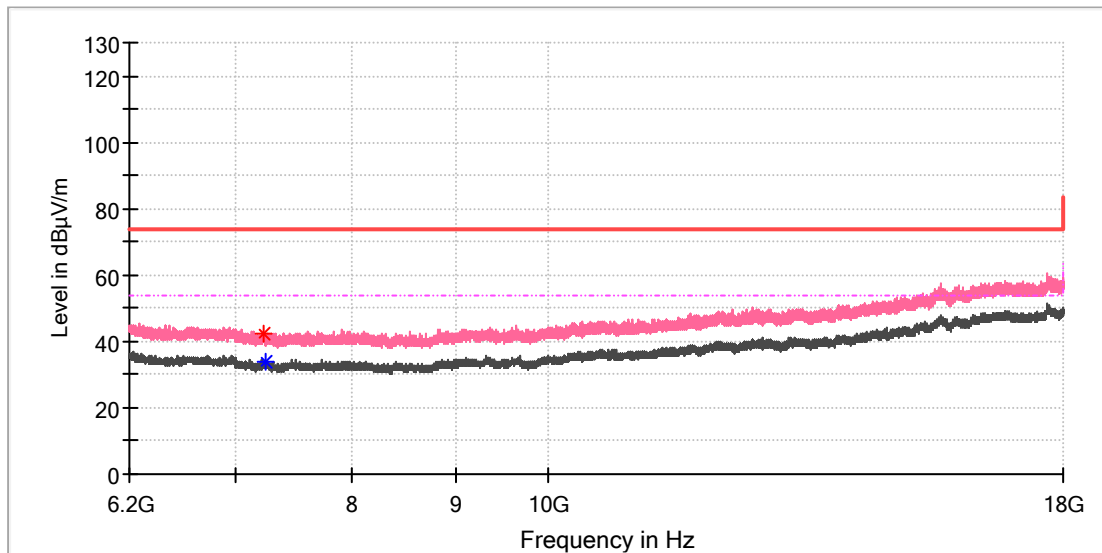






### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7221.191667	42.51	---	74.00	31.49	100.0	V	120.0	8.7
7241.350000	---	33.89	54.00	20.11	100.0	V	73.0	8.6

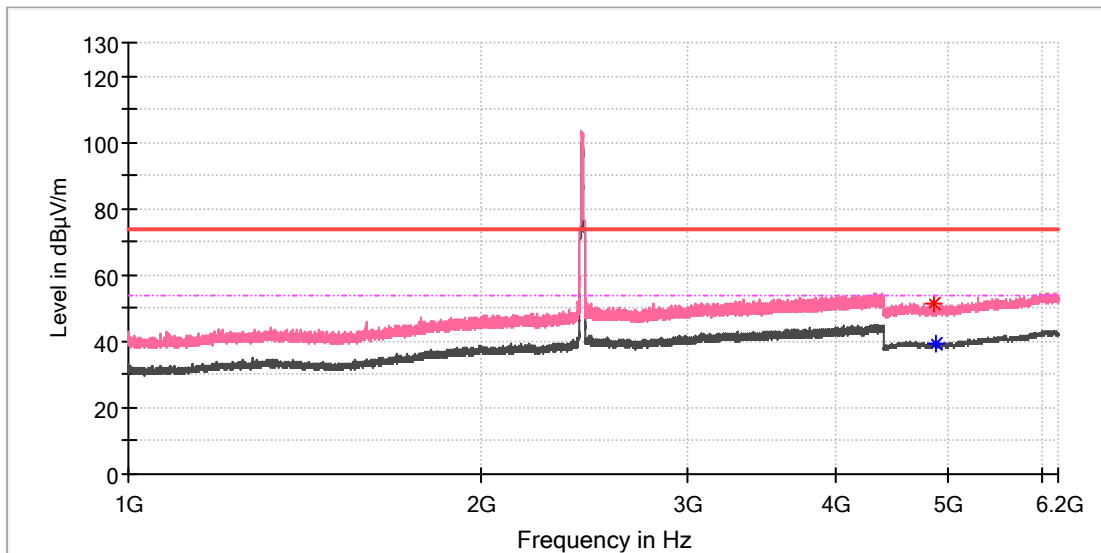
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



### EUT Information

EUT Name: Portable Thermal Camera  
 Model: S1280  
 Test Mode: WIFI 2.4G\_11b\_Ch6  
 Order No/Sample No: 168392026/A003352666-001  
 Test Voltage: Battery  
 Remark: Temp 23 Humi:56%  
 Test Standard: FCC 15.247  
 Tested By: Kei Zhang  
 Reviewed By: Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4850.000000	51.36	---	74.00	22.64	100.0	V	140.0	11.8
4872.000000	---	39.23	54.00	14.77	100.0	V	133.0	11.8

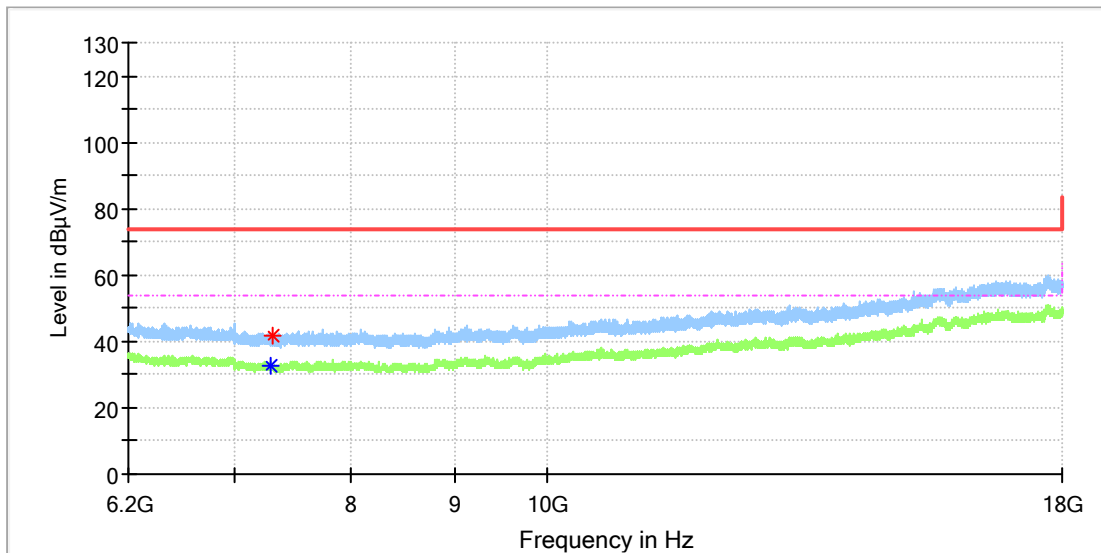
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

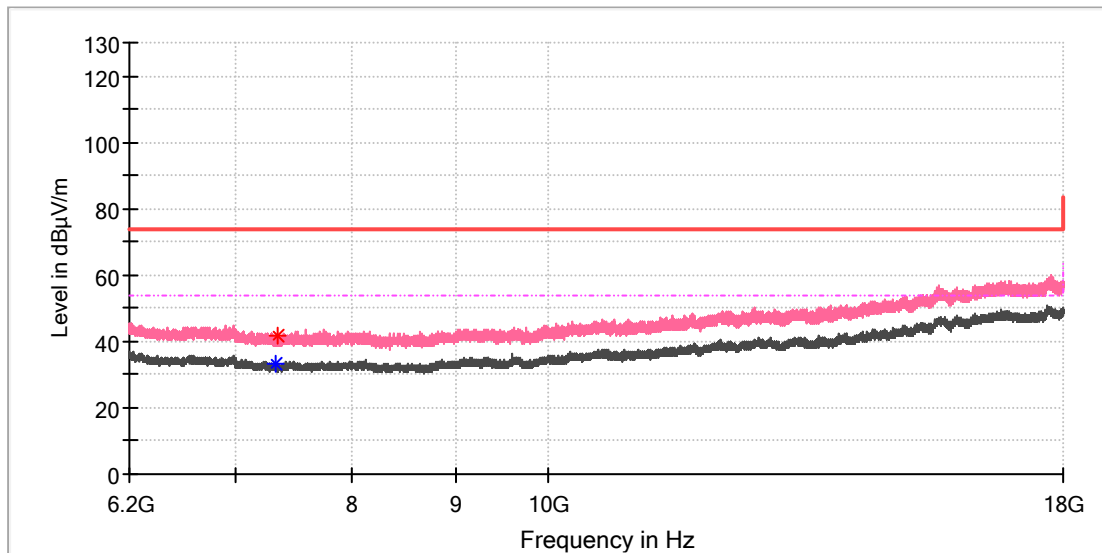
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7300.841667	---	32.93	54.00	21.07	100.0	H	119.0	8.3
7314.608333	41.43	---	74.00	32.57	100.0	H	350.0	8.2

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11b_Ch6
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7326.408333	---	33.23	54.00	20.77	100.0	V	3.0	8.1
7339.683333	41.76	---	74.00	32.24	100.0	V	241.0	8.1

### Final Result

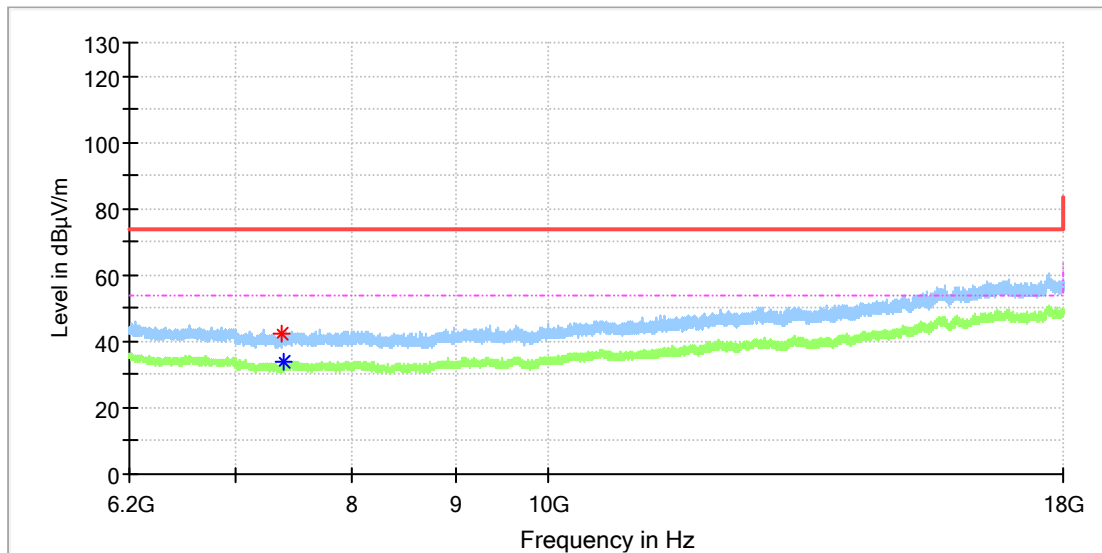
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11b_Ch11
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7380.491667	42.41	---	74.00	31.59	100.0	H	336.0	8.2
7399.175000	---	33.58	54.00	20.42	100.0	H	261.0	8.3

### Final Result

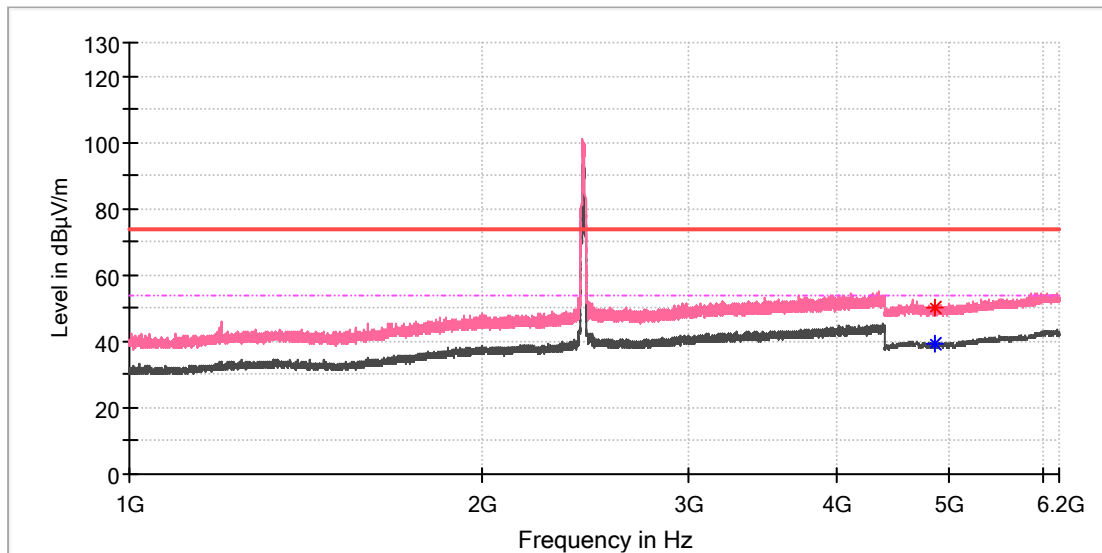
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11g_Ch6
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4859.500000	50.24	---	74.00	23.76	100.0	V	195.0	11.8
4864.000000	---	39.37	54.00	14.63	100.0	V	82.0	11.8

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



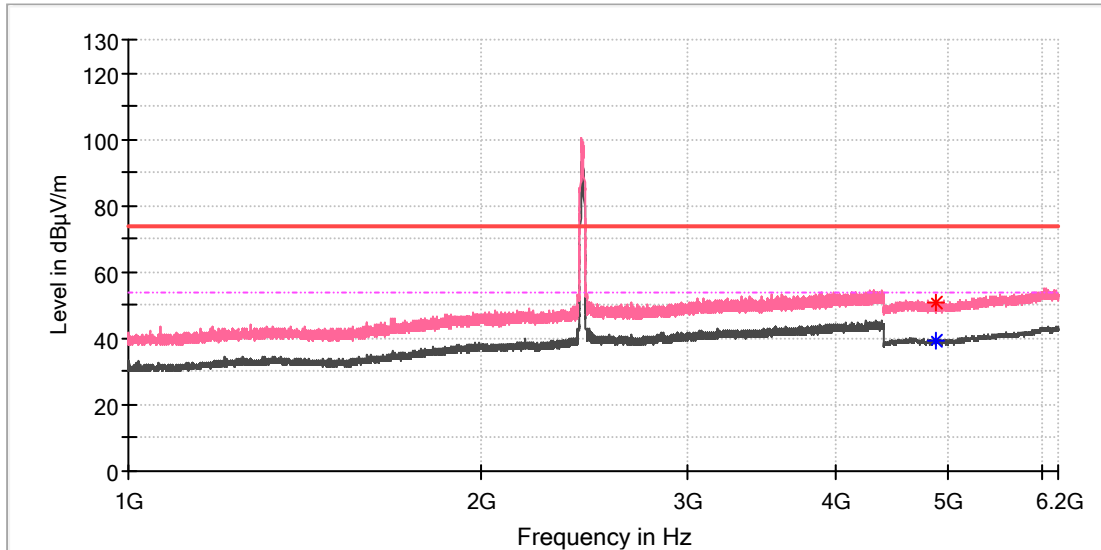






### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

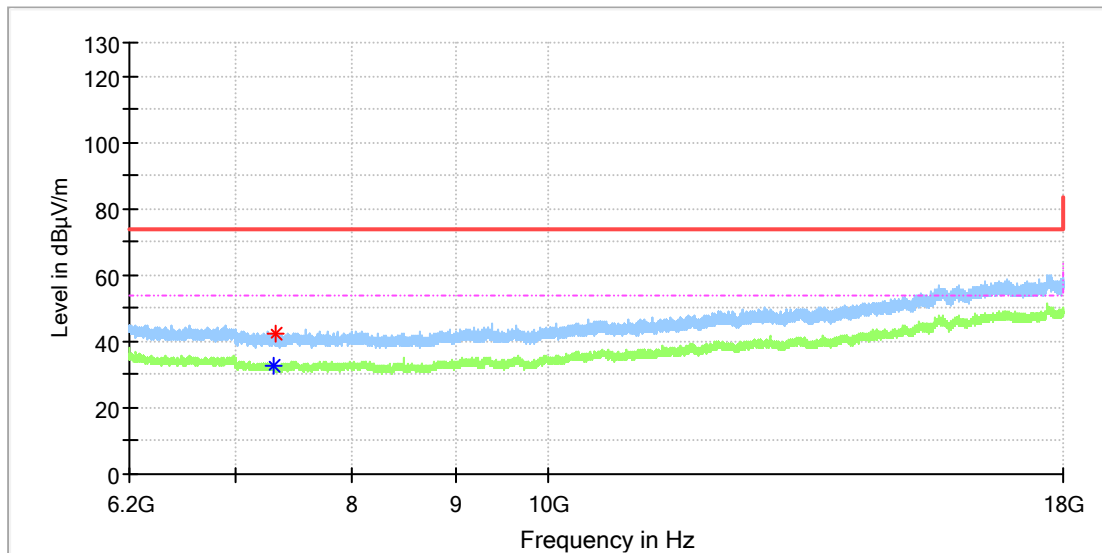
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.000000	50.65	---	74.00	23.35	100.0	V	222.0	11.8
4870.500000	---	39.26	54.00	14.74	100.0	V	20.0	11.8

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

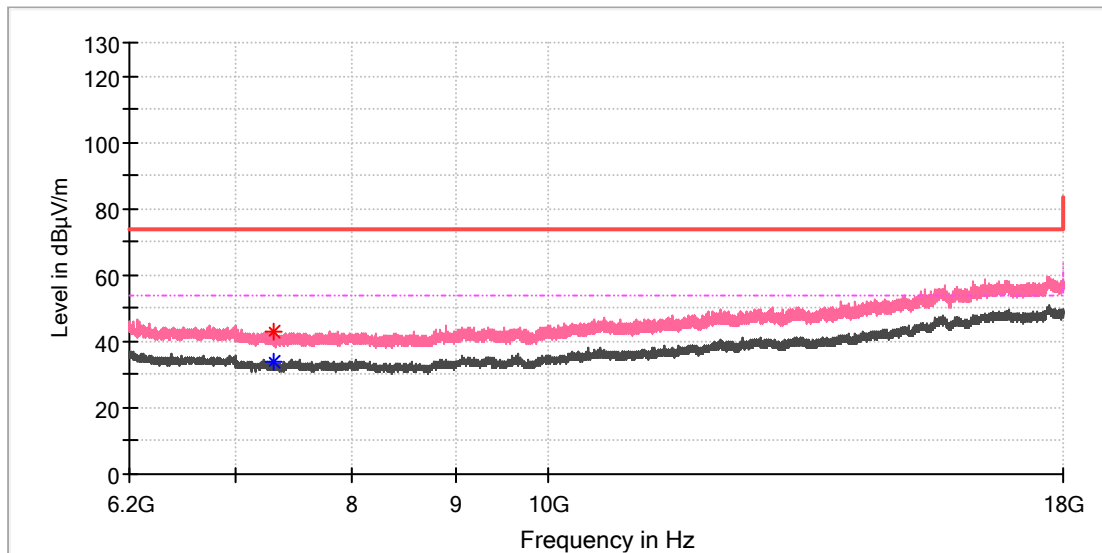
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7307.725000	---	32.89	54.00	21.11	100.0	H	81.0	8.3
7333.783333	42.22	---	74.00	31.78	100.0	H	7.0	8.1

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11n20_Ch6
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7311.166667	---	33.79	54.00	20.21	100.0	V	161.0	8.2
7318.050000	42.85	---	74.00	31.15	100.0	V	291.0	8.2

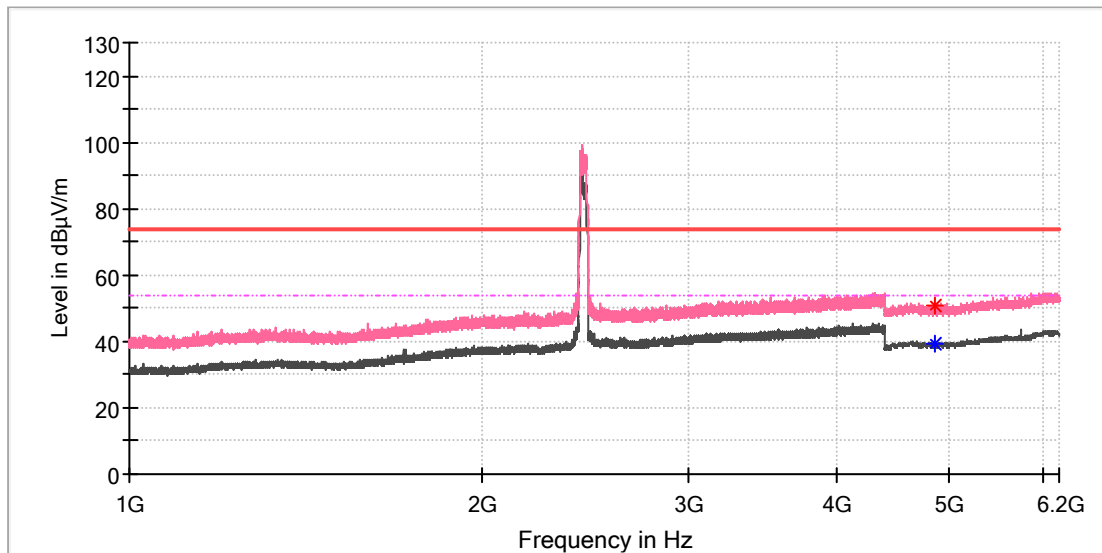
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4858.000000	50.71	---	74.00	23.29	100.0	V	101.0	11.8
4861.000000	---	39.18	54.00	14.82	100.0	V	128.0	11.8

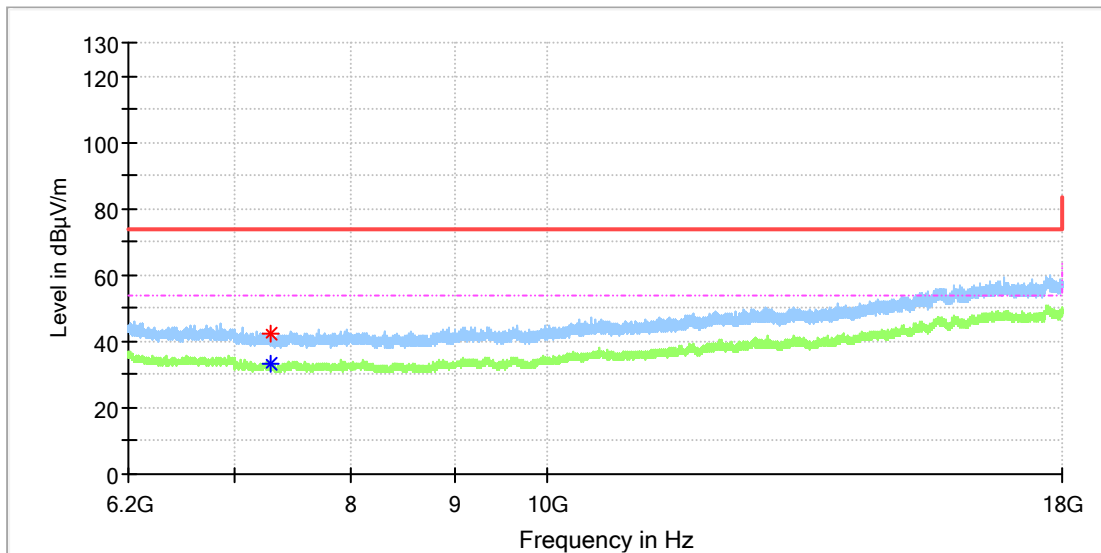
### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

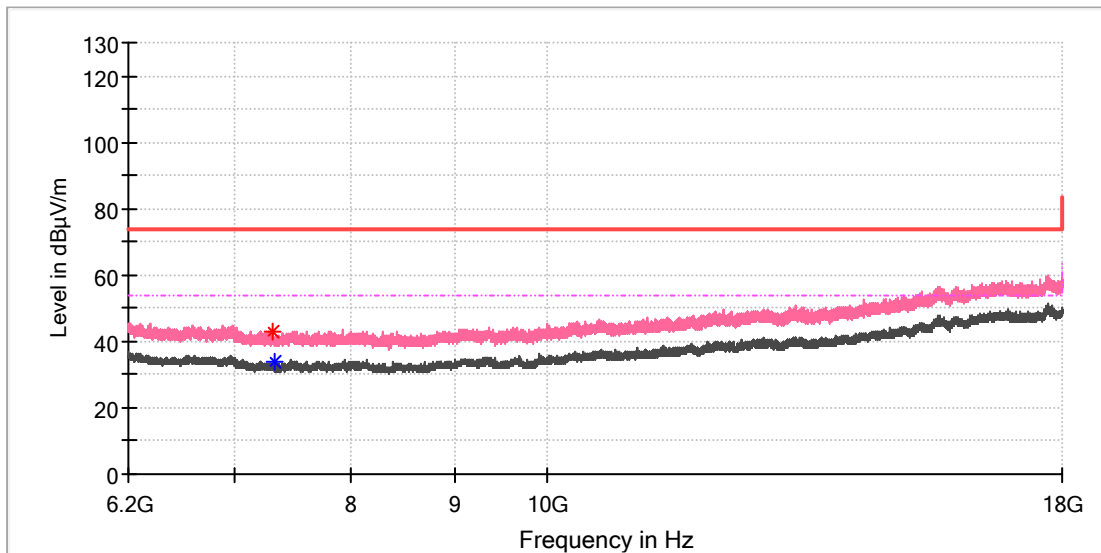
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7287.075000	---	33.46	54.00	20.54	100.0	H	42.0	8.4
7291.991667	42.42	---	74.00	31.58	100.0	H	0.0	8.3

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11n40_Ch6
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7309.200000	42.79	---	74.00	31.21	100.0	V	228.0	8.2
7333.291667	---	33.64	54.00	20.36	100.0	V	133.0	8.1

### Final Result

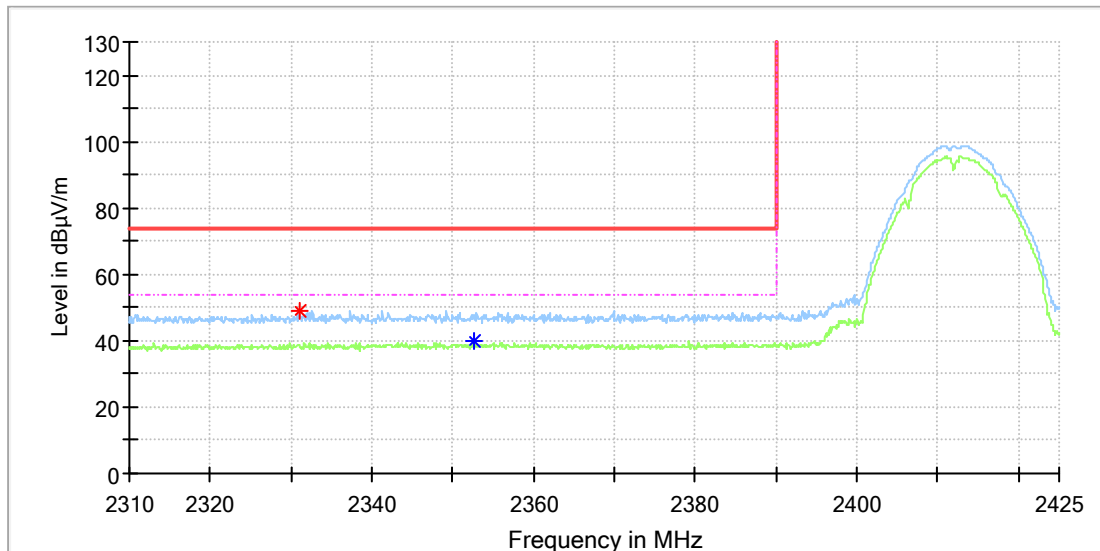
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

## Appendix B.6: Test Results of Radiated Emissions in Restricted Bands

Wi-Fi 802.11 b mode, 1 Mbps

### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11b_Ch1
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2331.000000	49.27	---	74.00	24.73	100.0	H	319.0	6.7
2352.600000	---	39.63	54.00	14.37	100.0	H	186.0	6.9

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



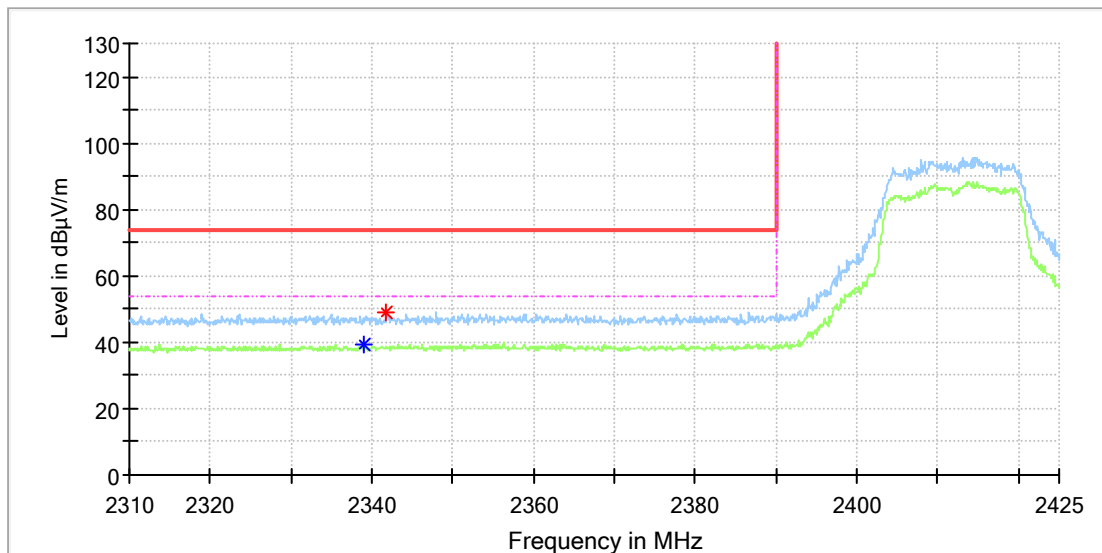




Wi-Fi 802.11 g mode, 6 Mbps

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11g_Ch1
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2338.900000	---	39.27	54.00	14.73	100.0	H	0.0	6.8
2341.800000	48.86	---	74.00	25.14	100.0	H	141.0	6.8

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





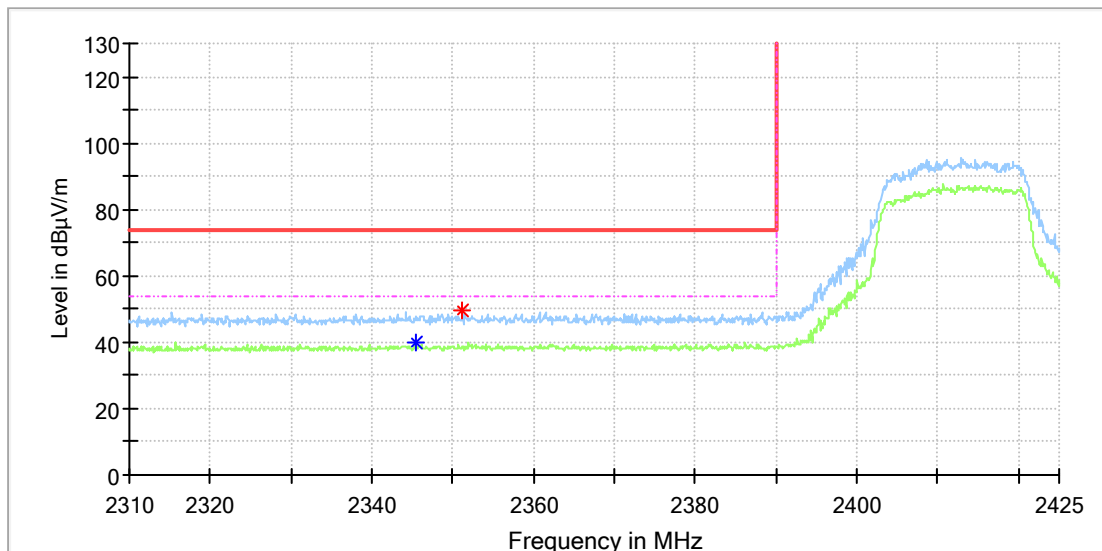




Wi-Fi 802.11 n(HT20) mode, MCS0

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11n20_Ch1
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2345.400000	---	39.97	54.00	14.03	100.0	H	128.0	6.9
2351.200000	49.35	---	74.00	24.65	100.0	H	45.0	6.9

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---



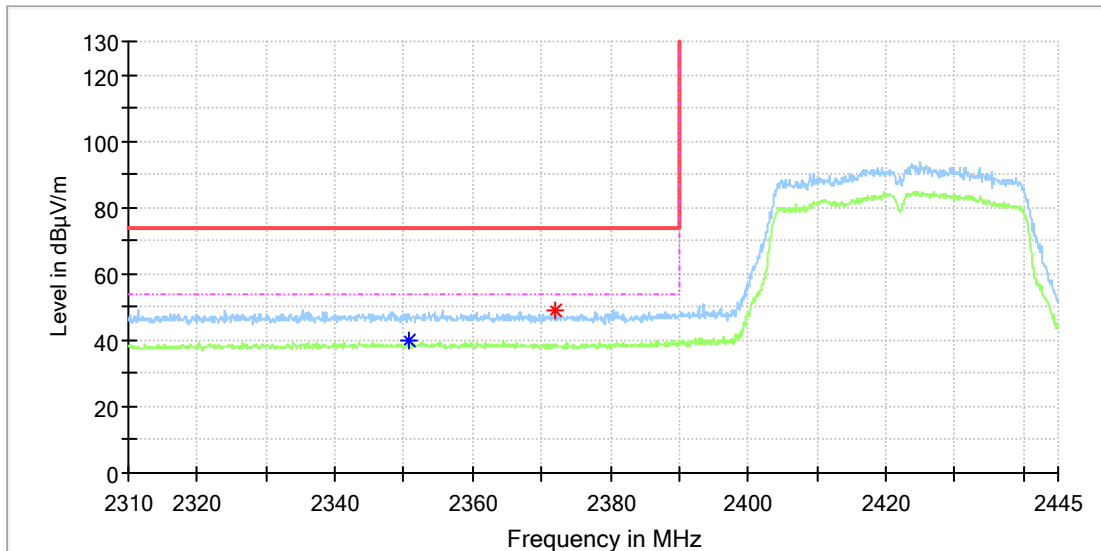




Wi-Fi 802.11 n(HT40) mode, MCS0

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical Freqs

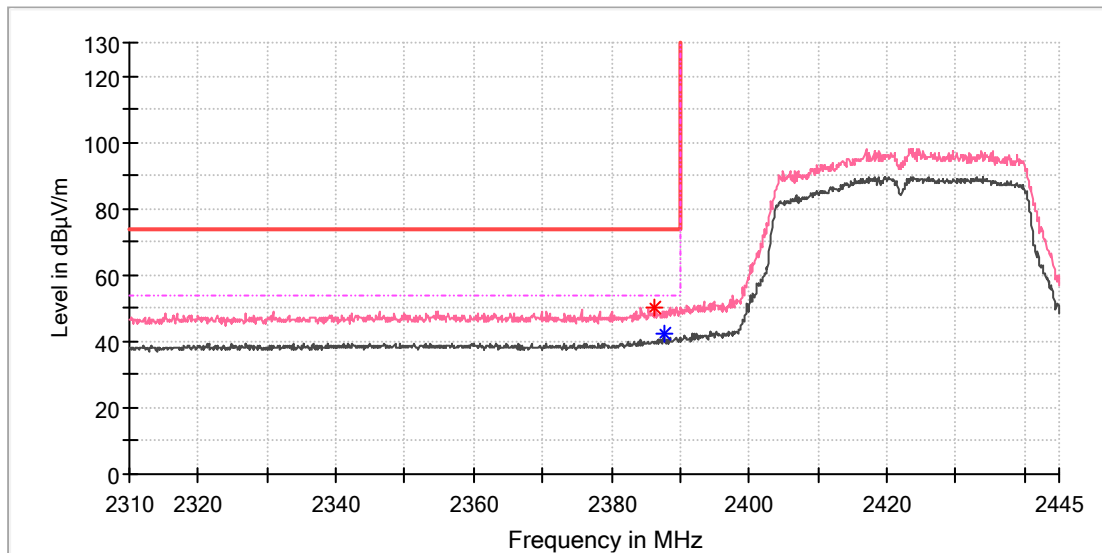
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2350.800000	---	40.00	54.00	14.00	100.0	H	18.0	6.9
2371.900000	49.21	---	74.00	24.79	100.0	H	325.0	6.9

Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

### EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 2.4G_11n40_Ch3
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.247
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



### Critical Freqs

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2386.300000	50.17	---	74.00	23.83	100.0	V	0.0	7.0
2387.600000	---	42.04	54.00	11.96	100.0	V	205.0	7.0

### Final Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---





