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

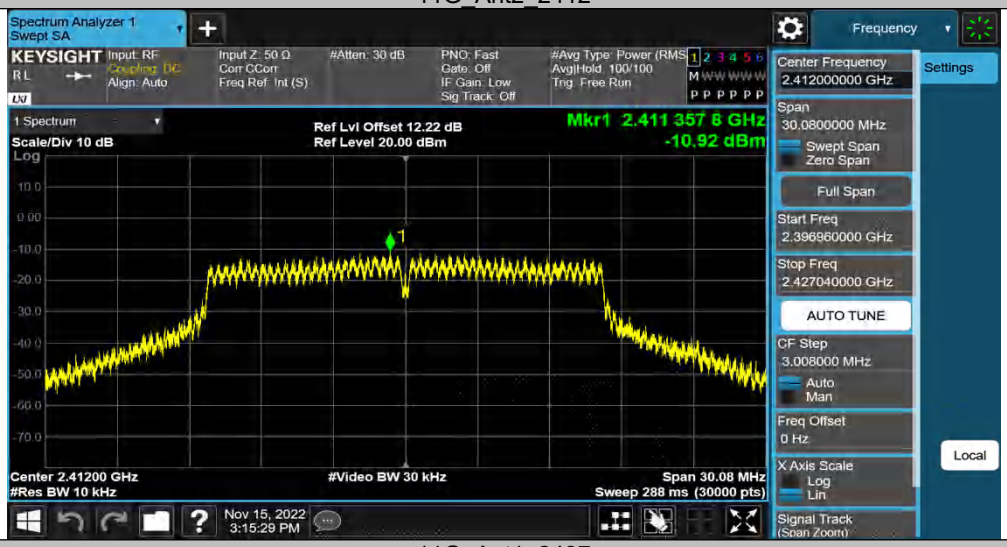
11B_Ant2_2437

11B_Ant1_2462

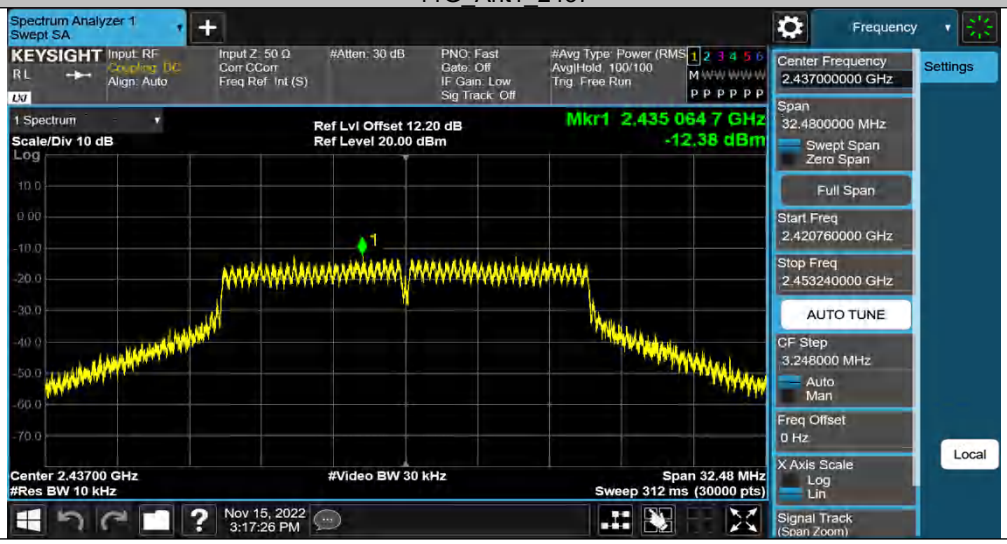
11B_Ant2_2462

11G_Ant1_2412

11G_Ant2_2412



11G_Ant1_2437



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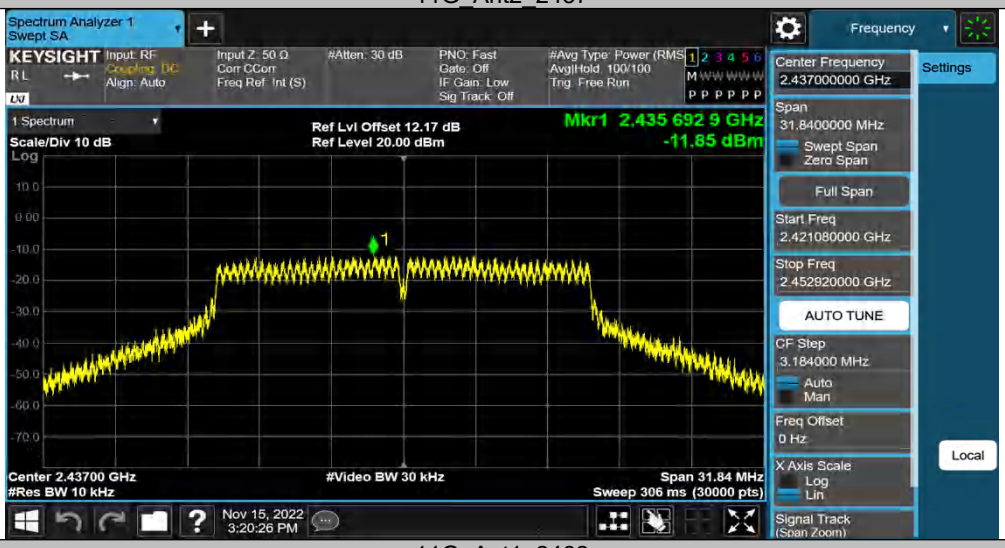
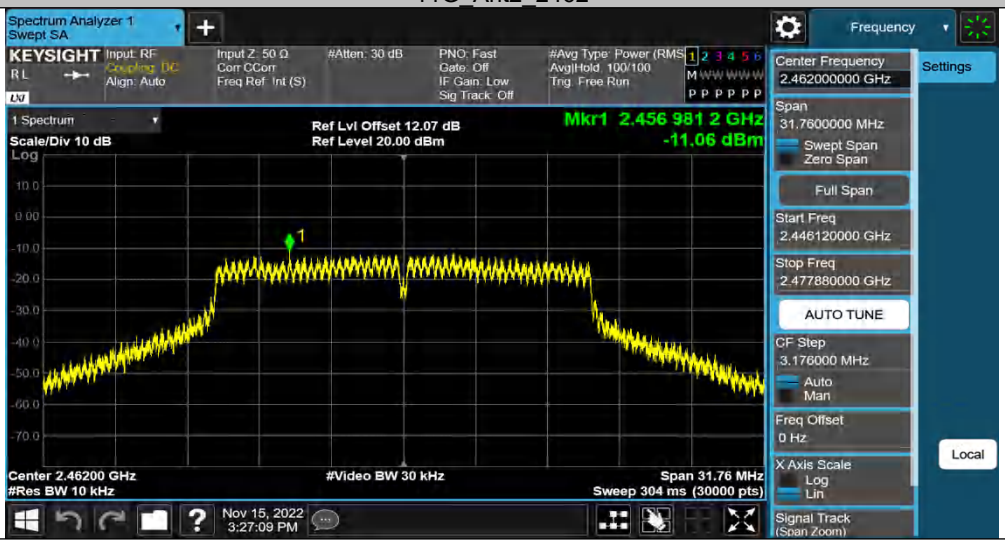
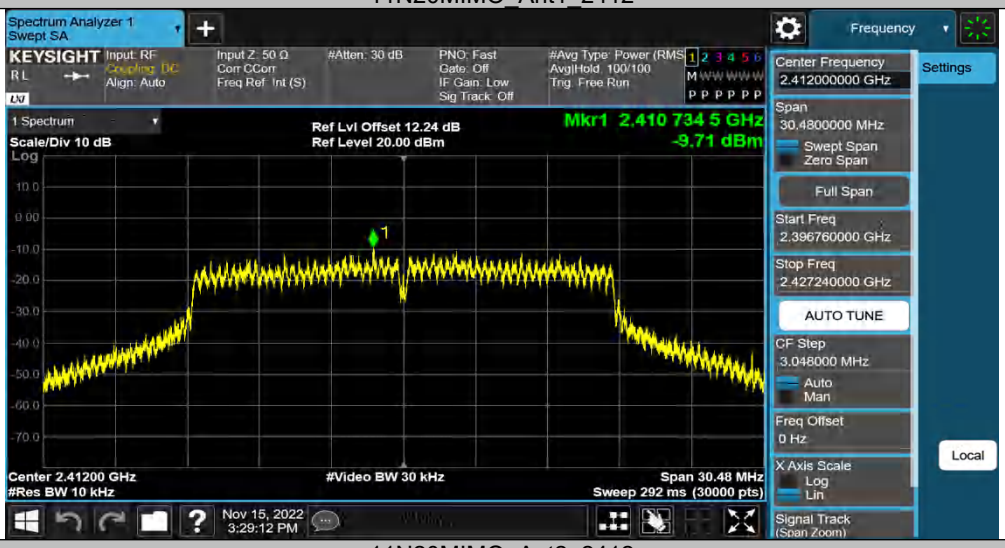


11G_Ant1_2462

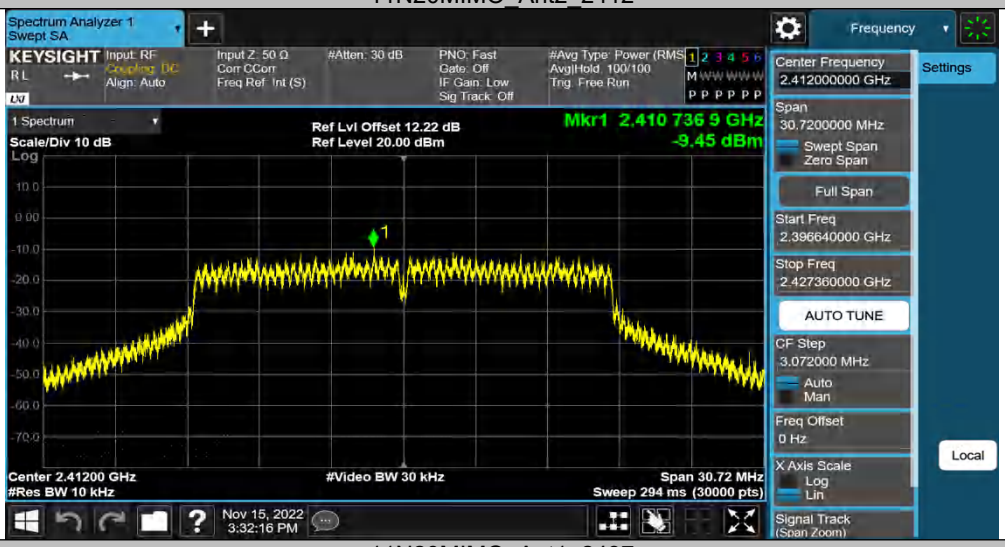
11G_Ant2_2462



11N20MIMO_Ant1_2412

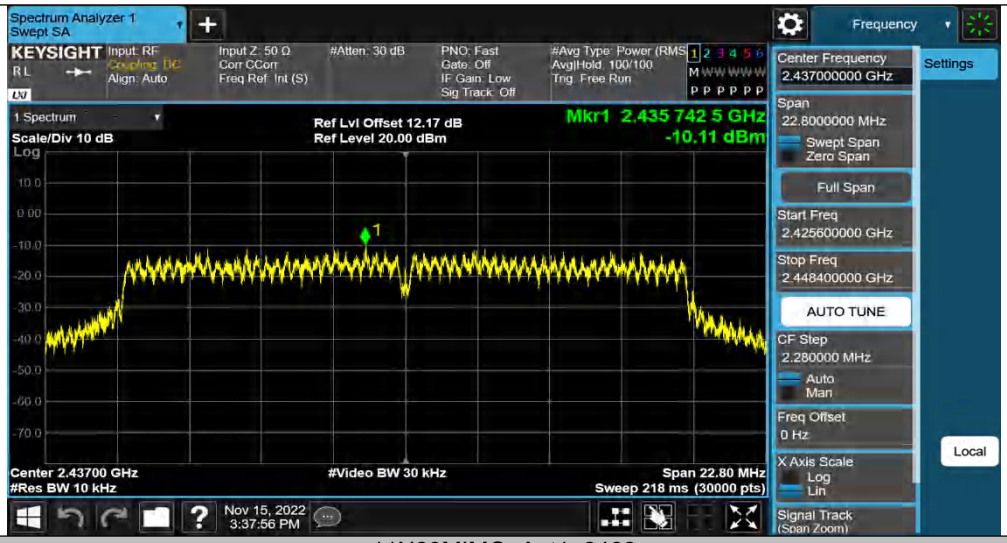


11N20MIMO_Ant2_2412

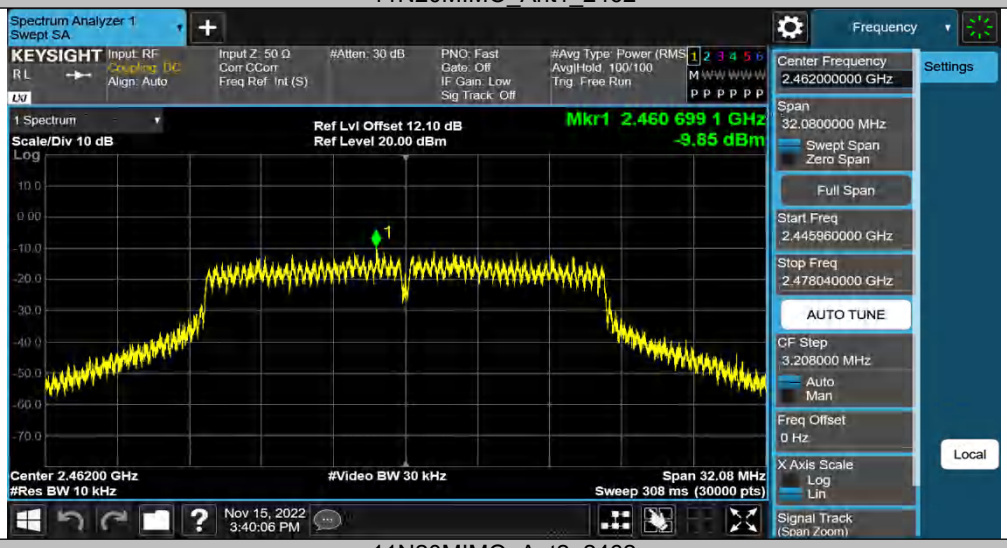


11N20MIMO_Ant1_2437

11N20MIMO_Ant2_2437



11N20MIMO_Ant1_2462



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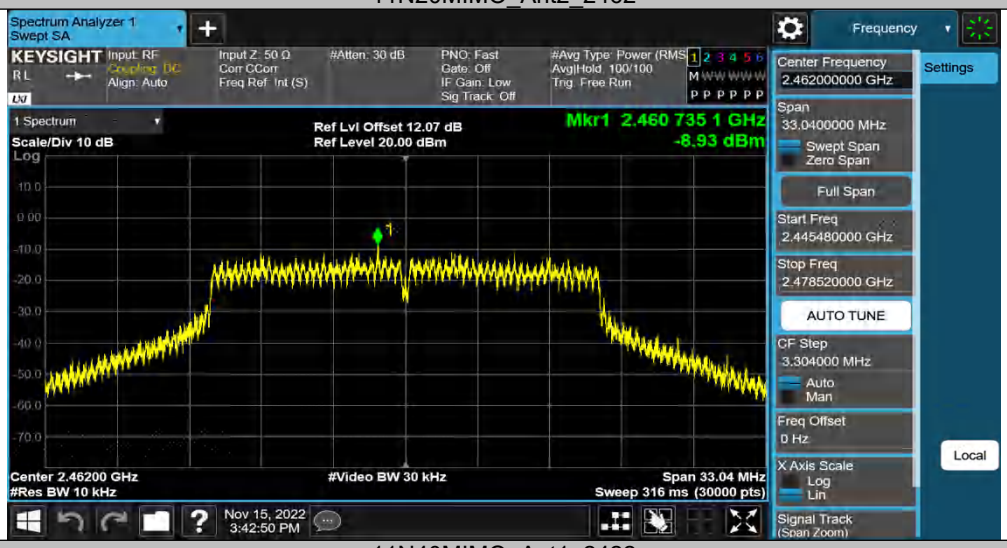
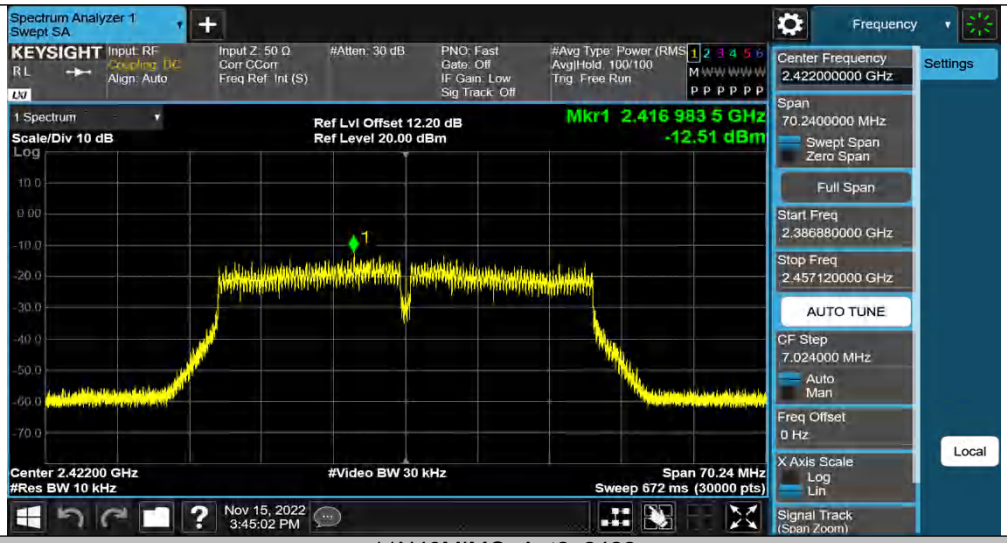


11N40MIMO_Ant1_2422



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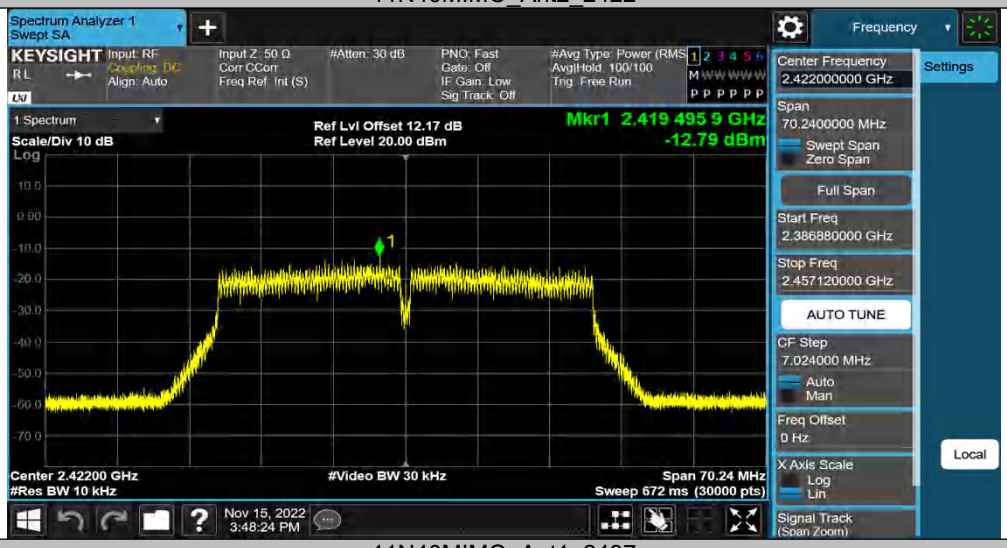

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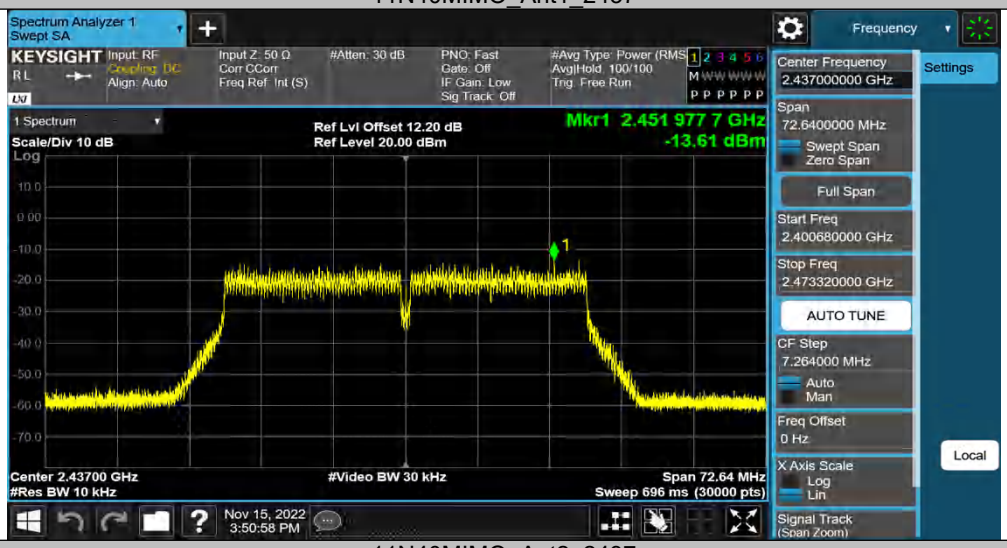

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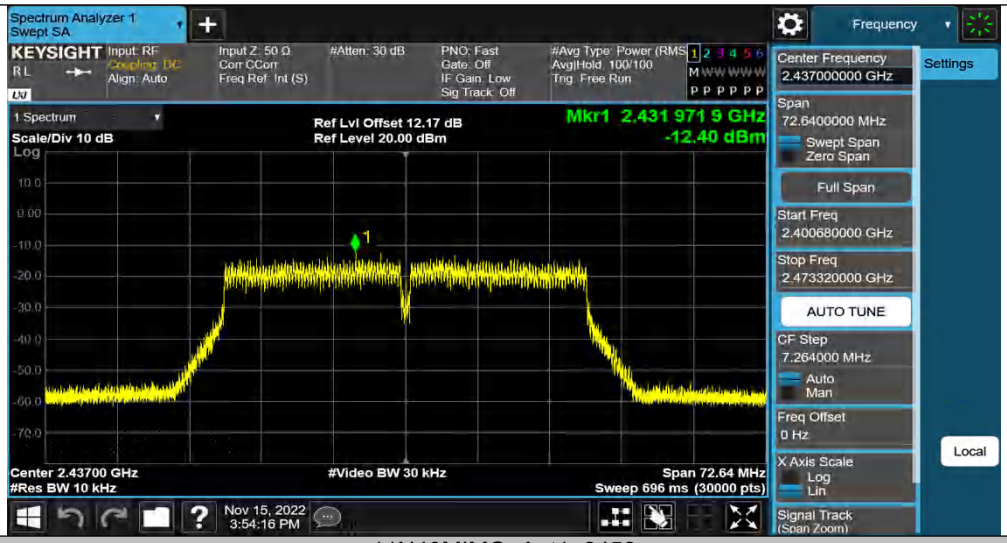
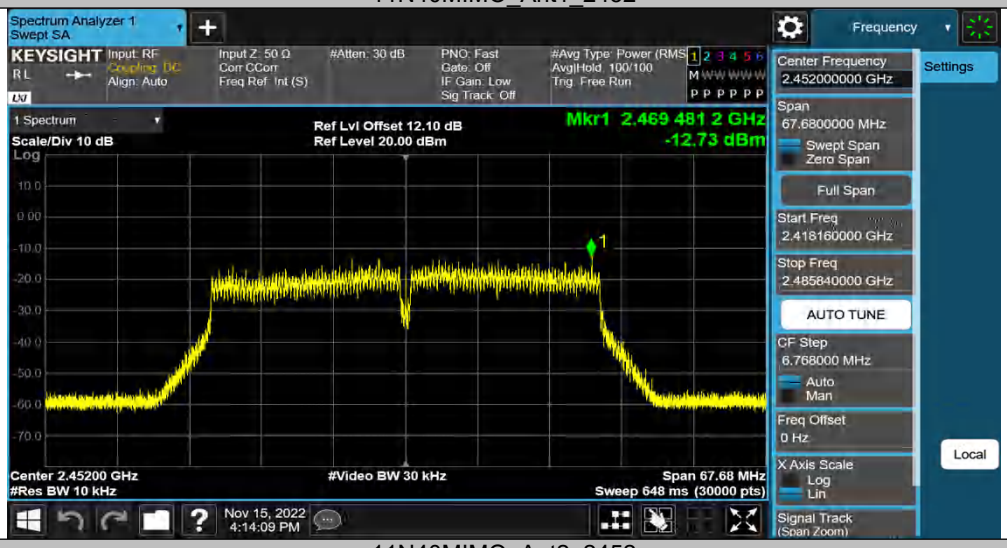
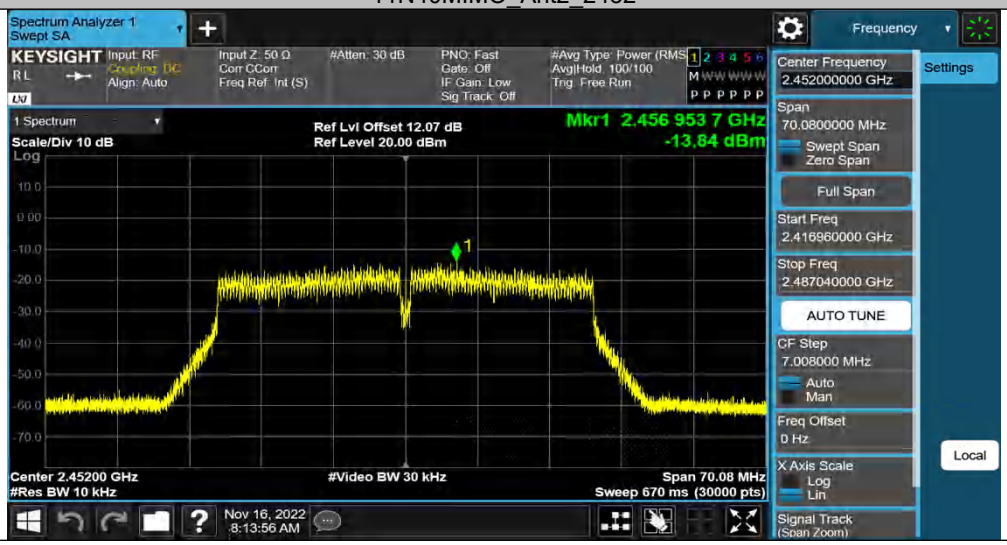


11N40MIMO_Ant1_2452



11N40MIMO_Ant2_2452



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

11N20MIMO_Ant1_2462

11N20MIMO_Ant2_2462

11N40MIMO_Ant1_2422

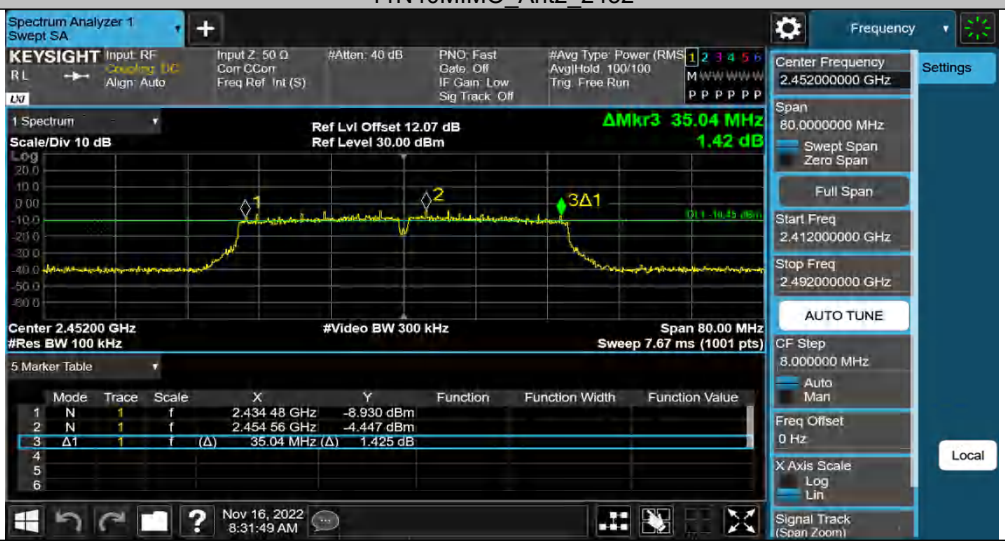
11N40MIMO_Ant2_2422

11N40MIMO_Ant1_2437

11N40MIMO_Ant2_2437

11N40MIMO_Ant1_2452

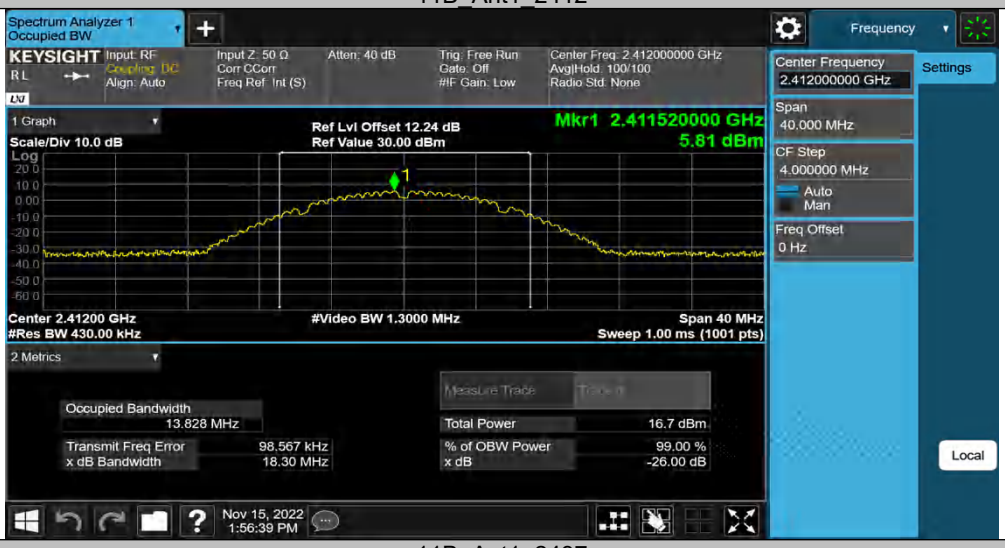
11N40MIMO_Ant2_2452



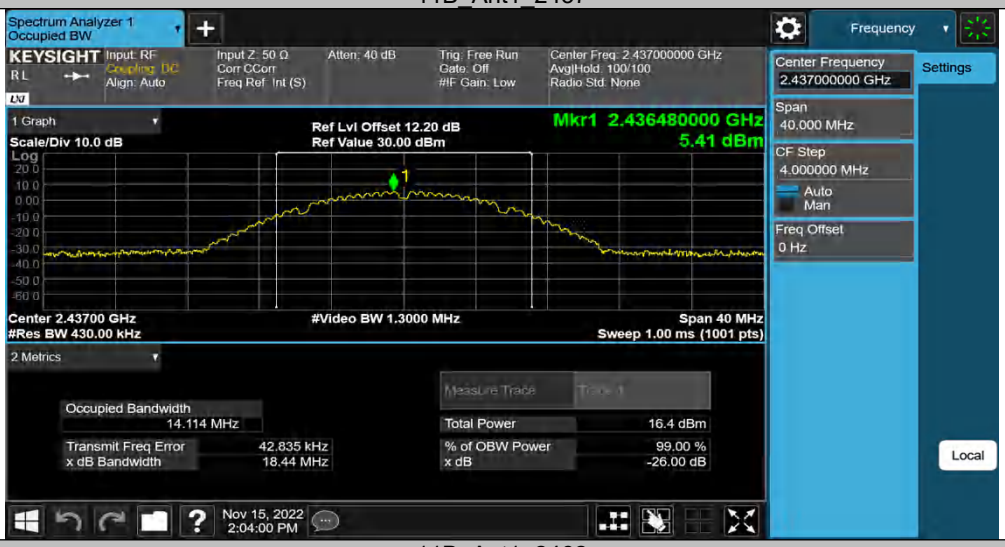
Appendix B.3: Test Results of 99% Bandwidth

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

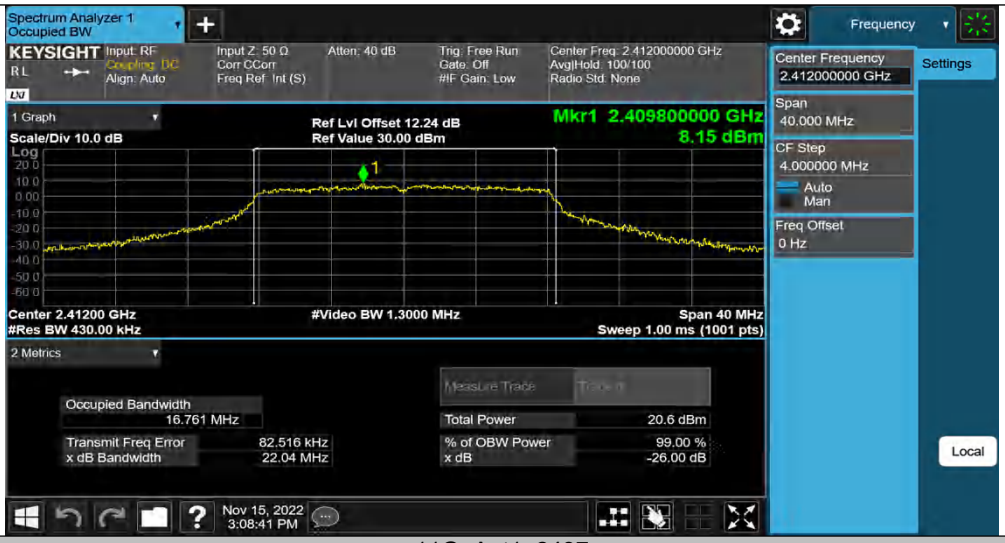


11B_Ant1_2437



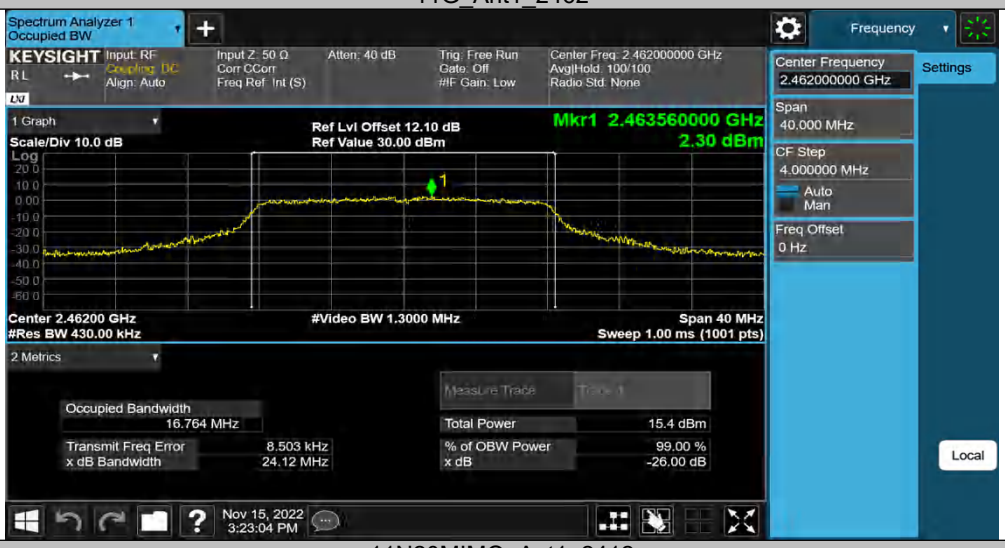
11B_Ant1_2462

11G_Ant1_2412

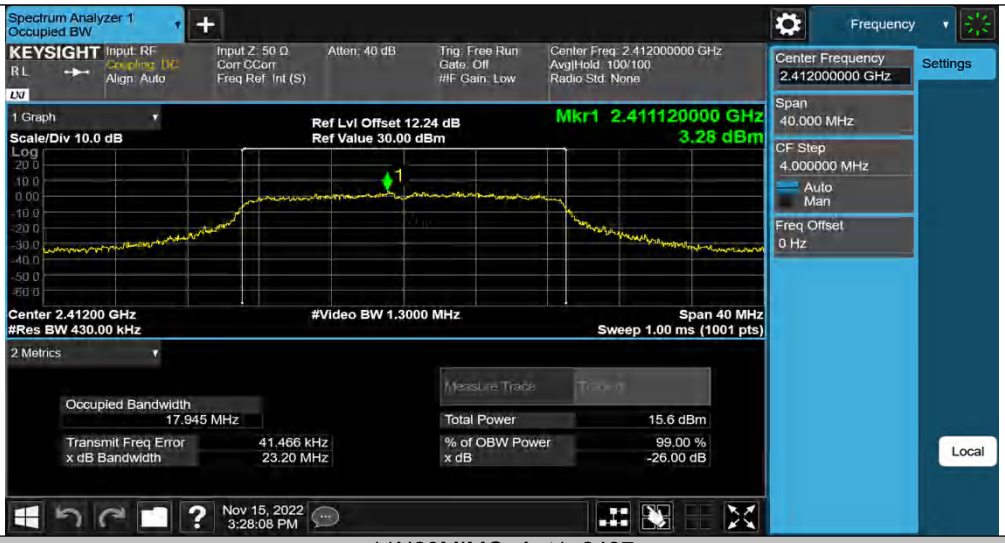


11G_Ant1_2437

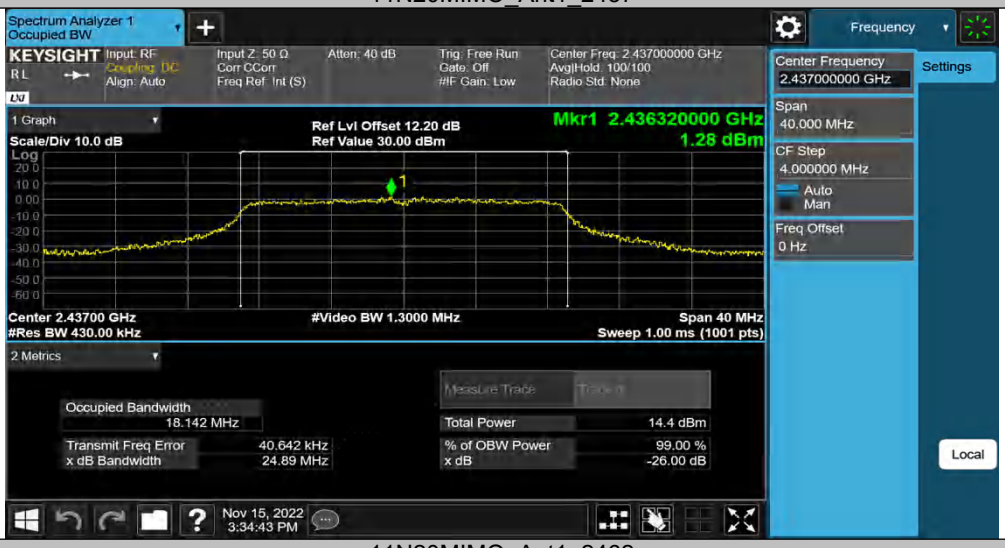
11G_Ant1_2462



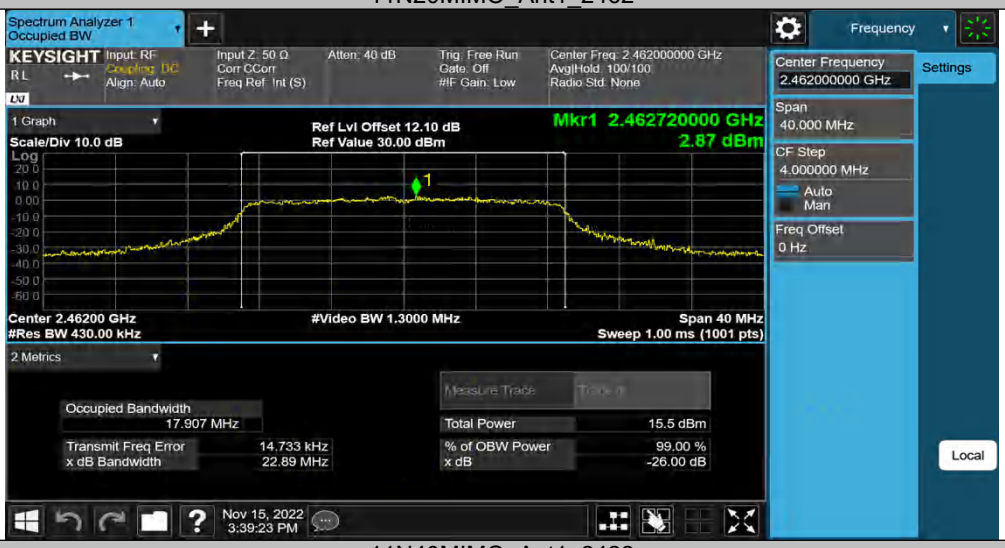
11N20MIMO_Ant1_2412



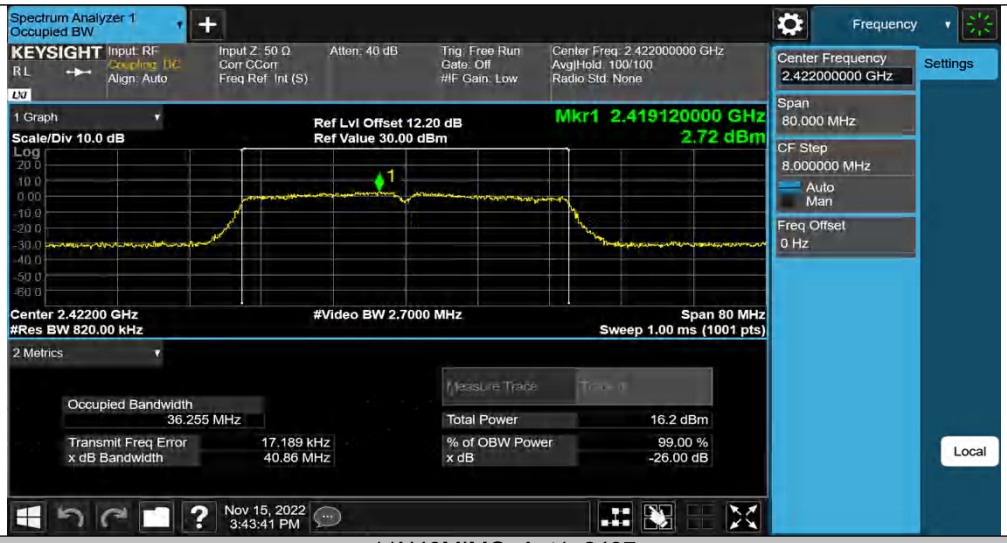
11N20MIMO_Ant1_2437



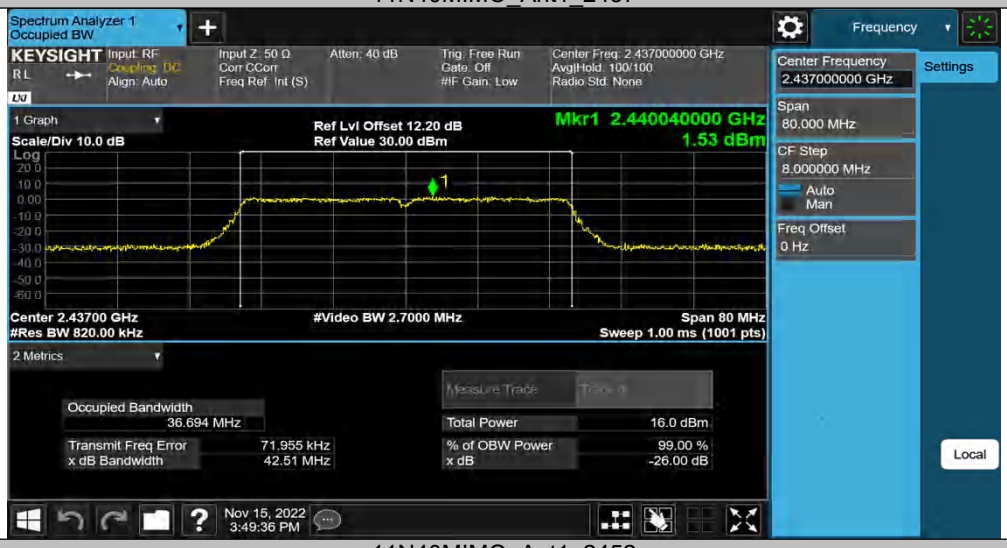
11N20MIMO_Ant1_2462



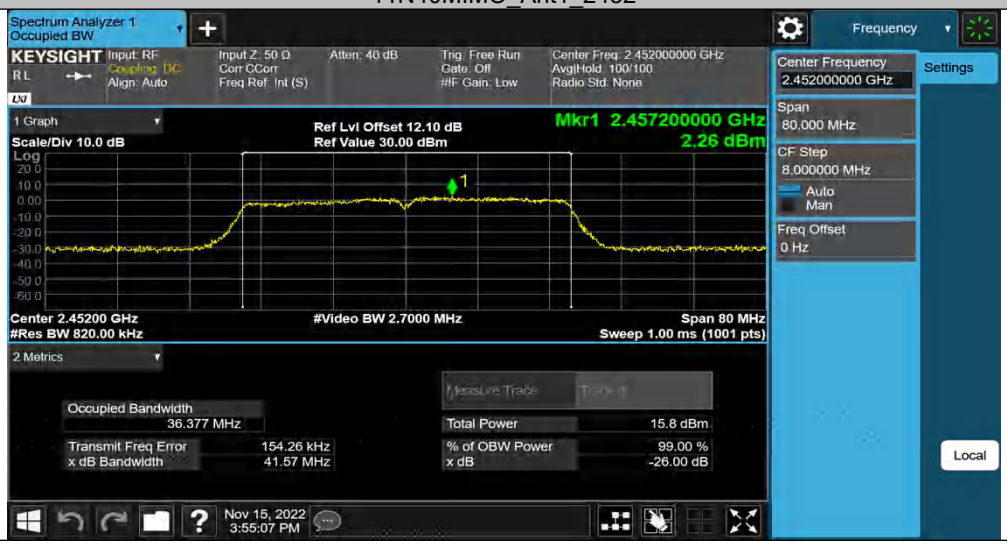
11N40MIMO_Ant1_2422



11N40MIMO_Ant1_2437



11N40MIMO_Ant1_2452



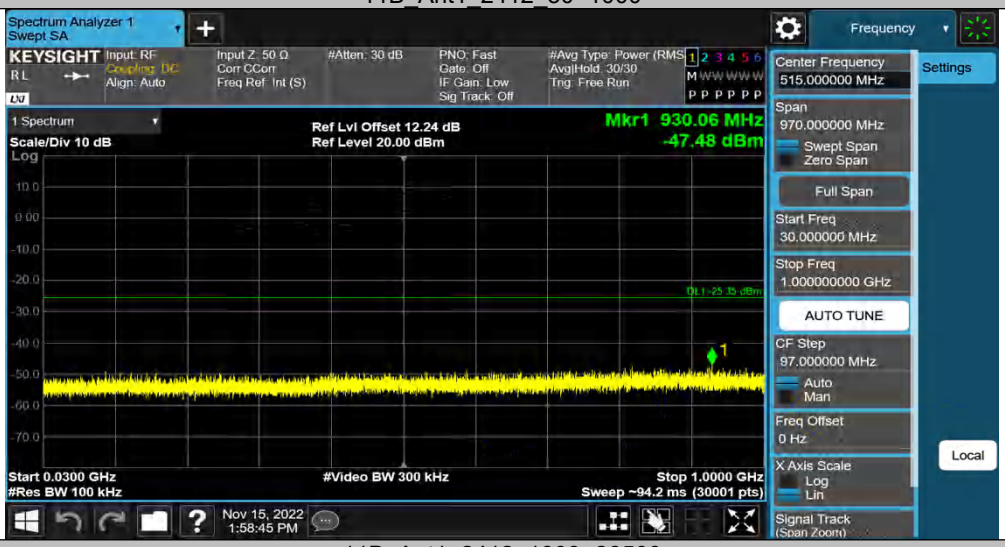
Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

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

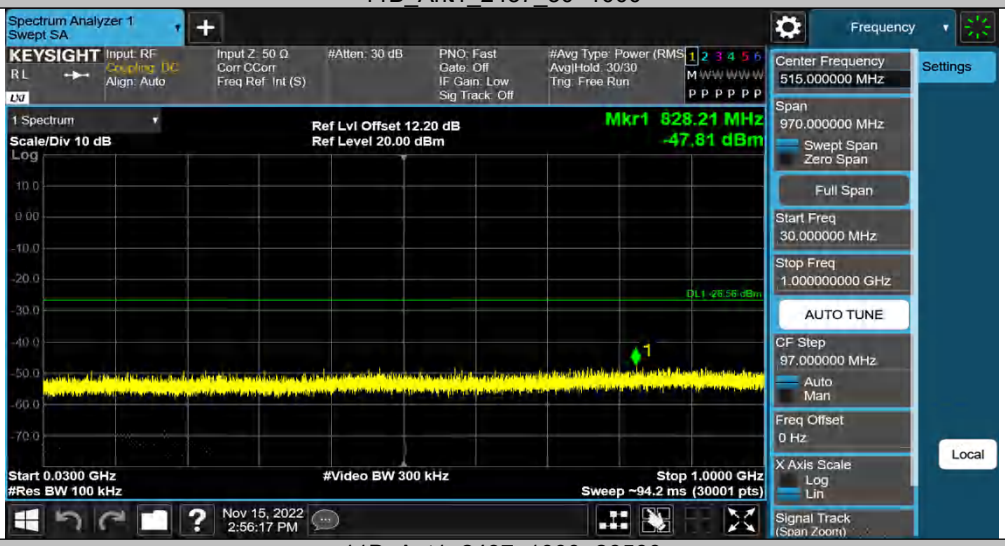
11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500

11B_Ant1_2437_0~Reference

11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500

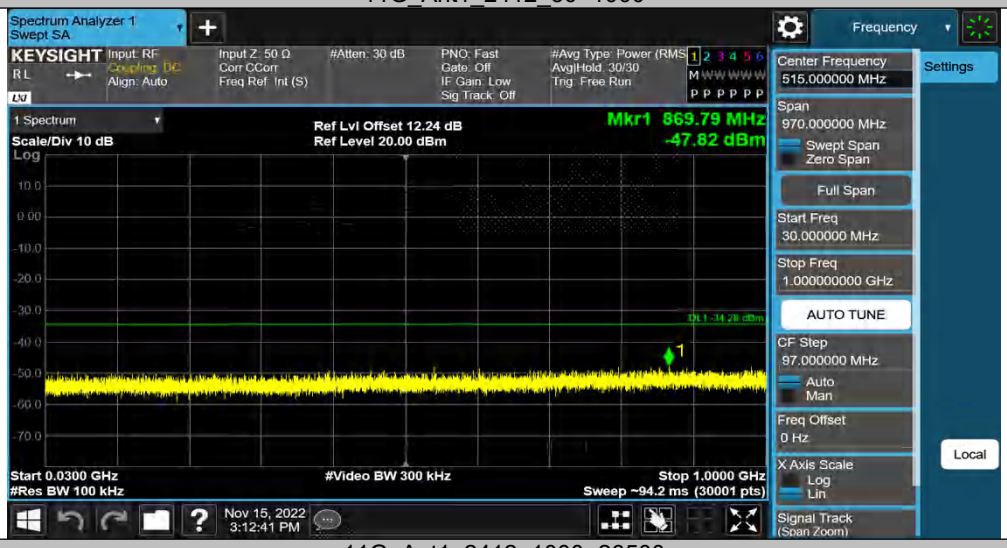
11B_Ant1_2462_0~Reference

11B_Ant1_2462_30~1000

11B_Ant1_2462_1000~26500

11G_Ant1_2412_0~Reference

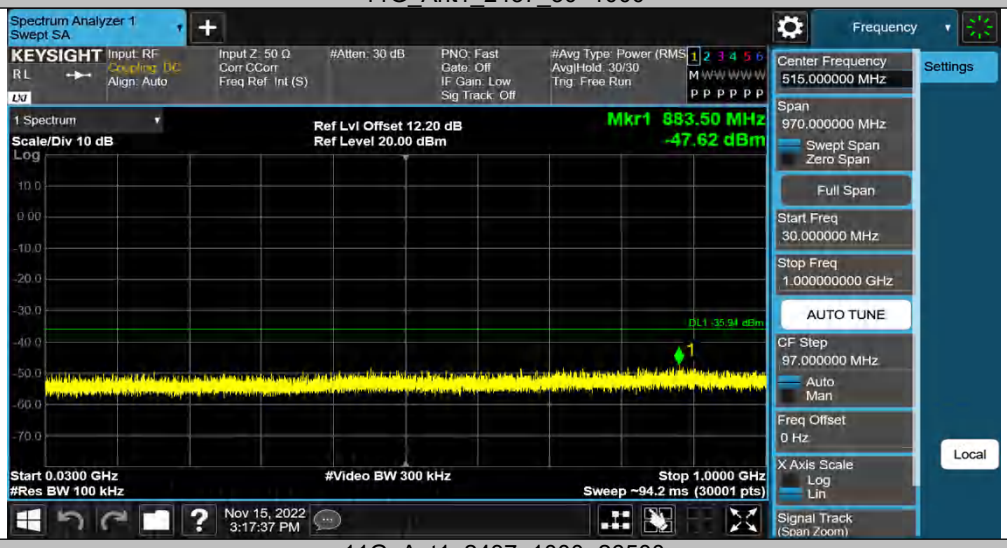
11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500

11G_Ant1_2437_0~Reference

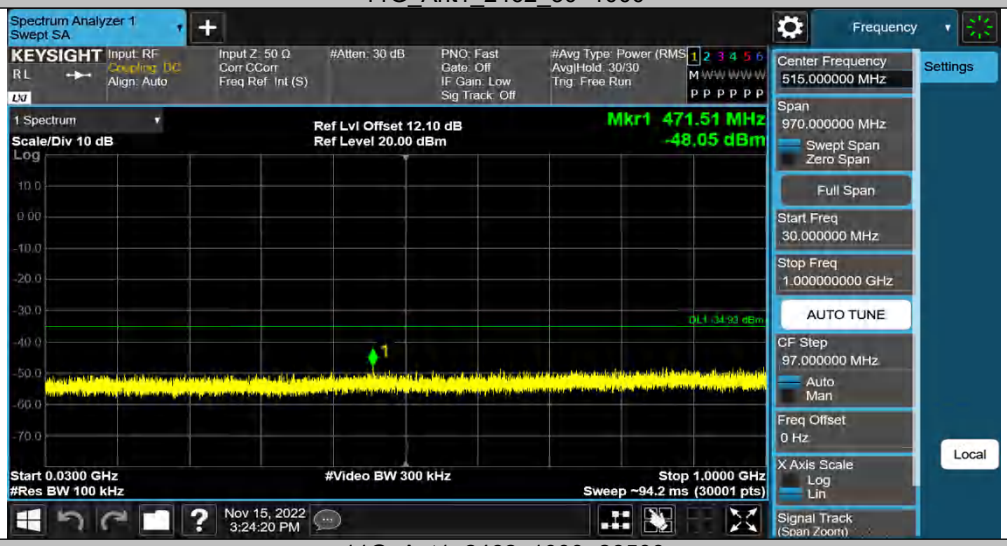
11G_Ant1_2437_30~1000



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

11N20MIMO_Ant1_2462_30~1000

11N20MIMO_Ant1_2462_1000~26500

11N40MIMO_Ant1_2422_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_2452

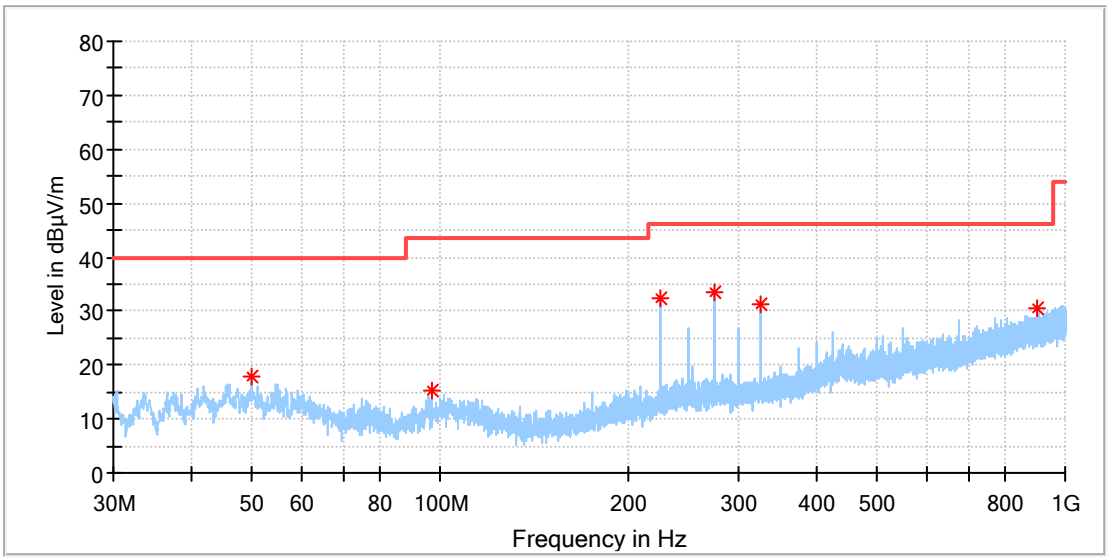
Appendix B.5: Test Results of Radiated Spurious Emissions

Note: 1. Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and above 18GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported. 2. This testing was carried out on different modulations, but only the worst case was presented in this report.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
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

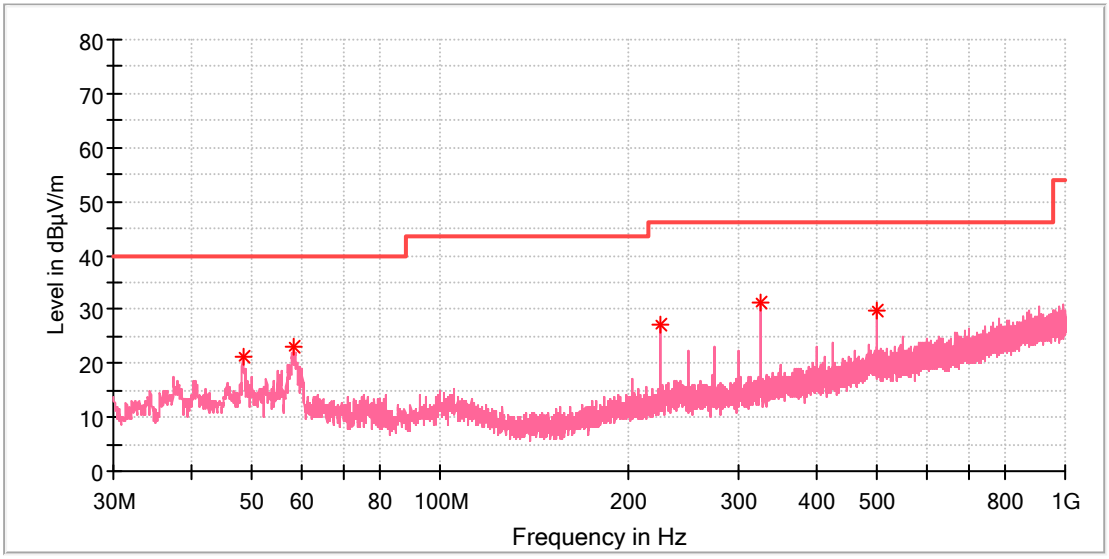
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
49.885000	17.80	40.00	22.20	100.0	H	12.0	-18.3
97.172500	15.09	43.50	28.41	100.0	H	84.0	-19.4
225.018500	32.55	46.00	13.45	100.0	H	309.0	-18.3
275.022000	33.49	46.00	12.51	100.0	H	143.0	-16.8
324.977000	31.28	46.00	14.72	100.0	H	276.0	-15.6
898.635000	30.70	46.00	15.30	100.0	H	42.0	-5.0

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:	Titan HD
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

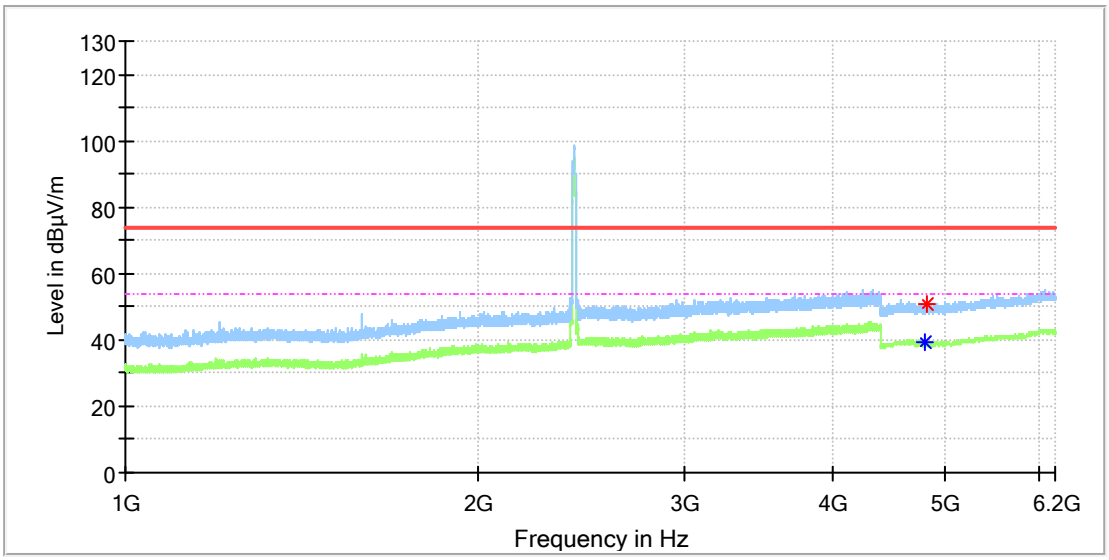
Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

1GHz - 18GHz

Note: The highest waveform in the figure is Wi-Fi Fundamental.

EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
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

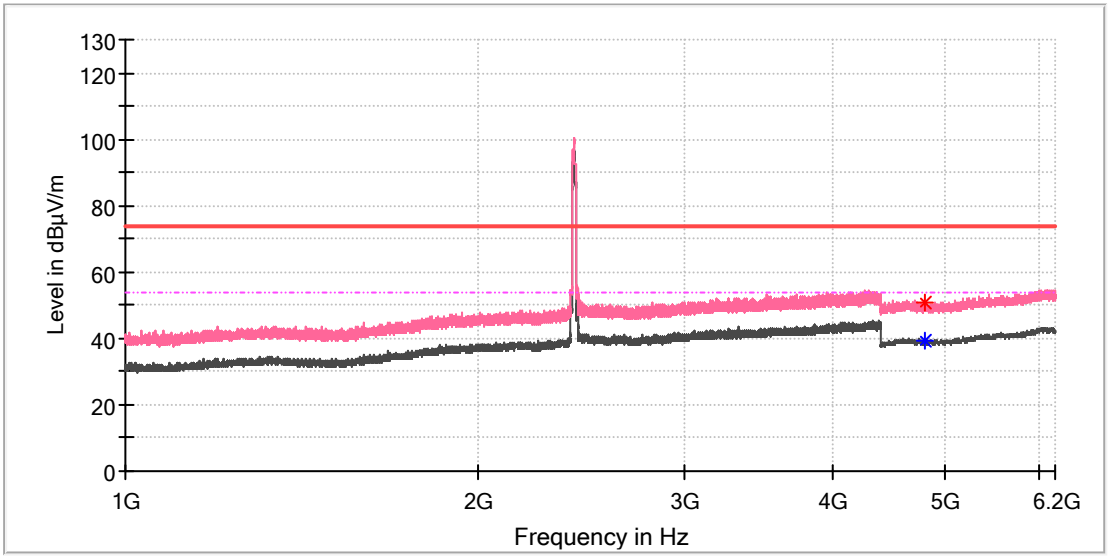
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4808.000000	---	39.35	54.00	14.65	100.0	H	138.0	11.8
4824.000000	50.89	---	74.00	23.11	100.0	H	62.0	11.8

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:	Titan HD
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

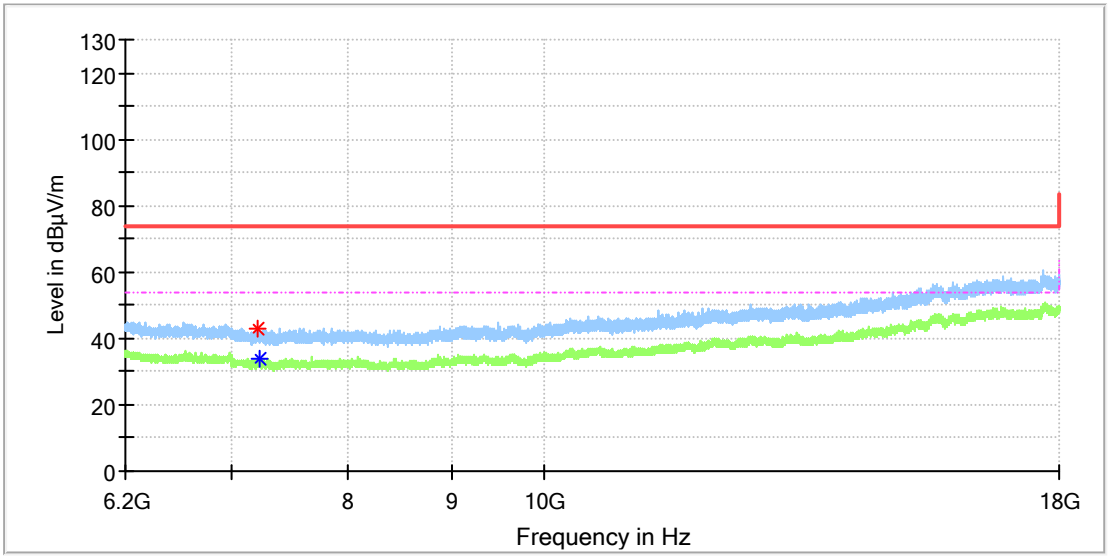
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4808.000000	50.60	---	74.00	23.40	100.0	V	146.0	11.8
4809.500000	---	39.17	54.00	14.83	100.0	V	69.0	11.8

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:	Titan HD
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

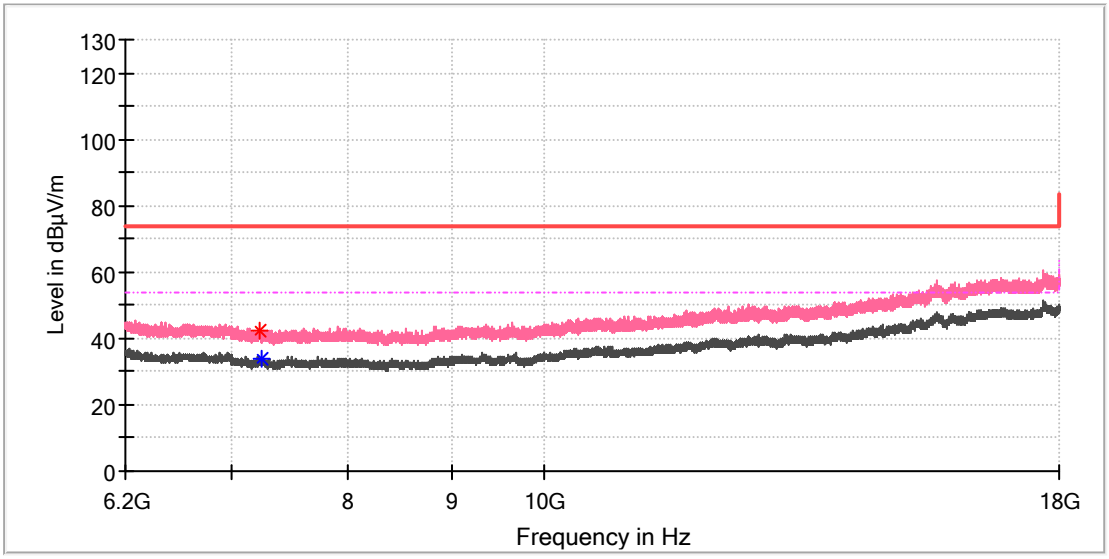
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7216.766667	42.73	---	74.00	31.27	100.0	H	0.0	8.7
7221.683333	---	33.71	54.00	20.29	100.0	H	15.0	8.7

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:	Titan HD
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

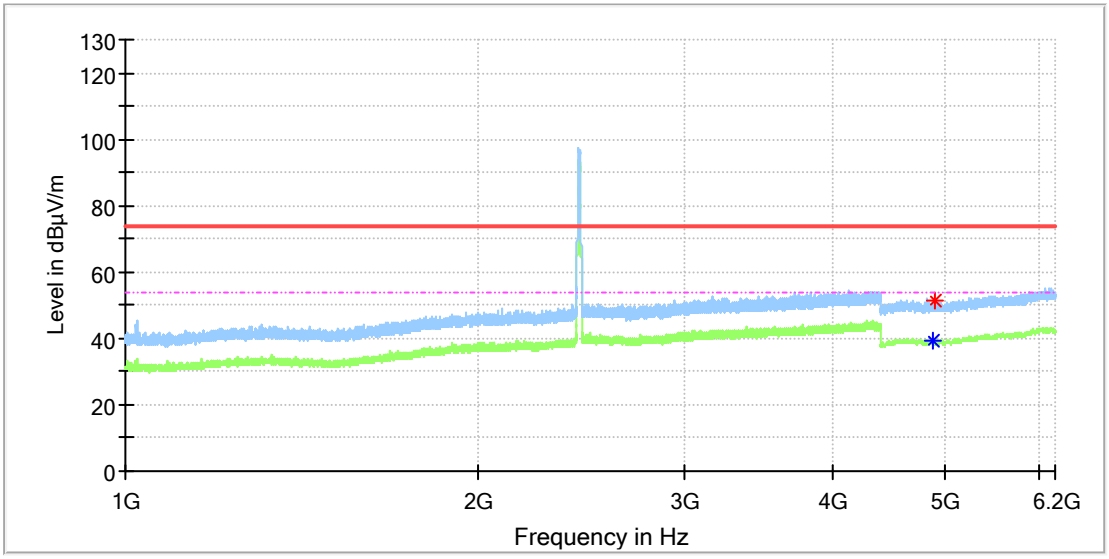
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7221.191667	42.51	---	74.00	31.49	100.0	V	120.0	8.7
7241.350000	---	33.89	54.00	20.11	100.0	V	73.0	8.6

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:	Titan HD
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

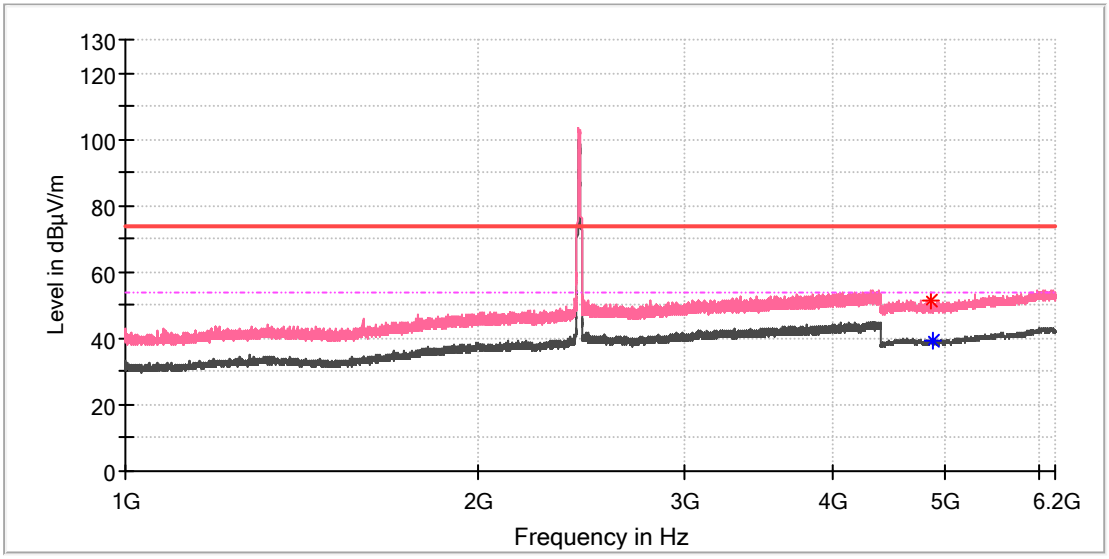
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.000000	---	39.38	54.00	14.62	100.0	H	167.0	11.8
4892.000000	51.11	---	74.00	22.89	100.0	H	77.0	11.8

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:	Titan HD
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

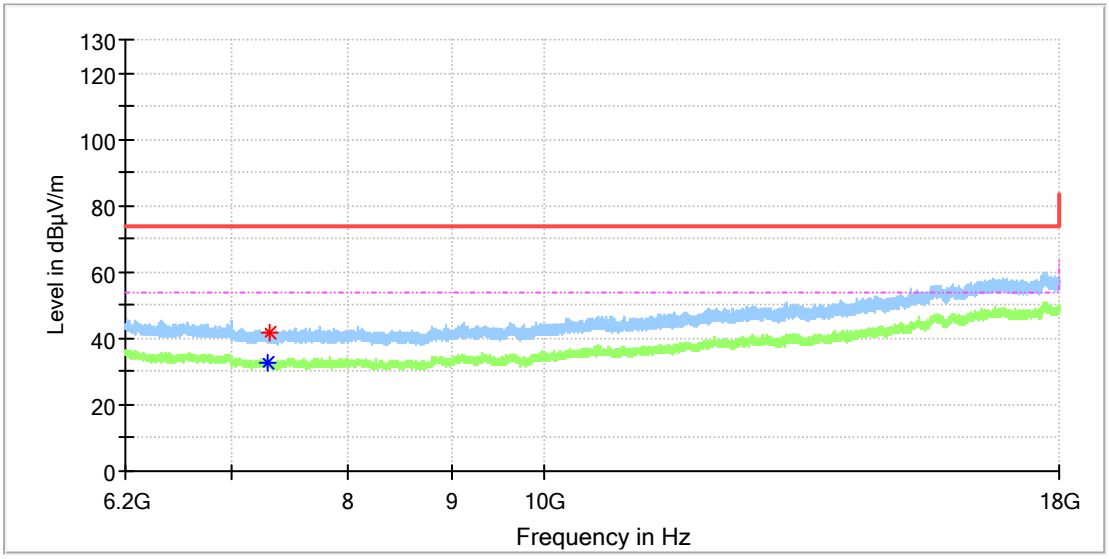
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4850.000000	51.36	---	74.00	22.64	100.0	V	140.0	11.8
4872.000000	---	39.23	54.00	14.77	100.0	V	133.0	11.8

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:	Titan HD
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

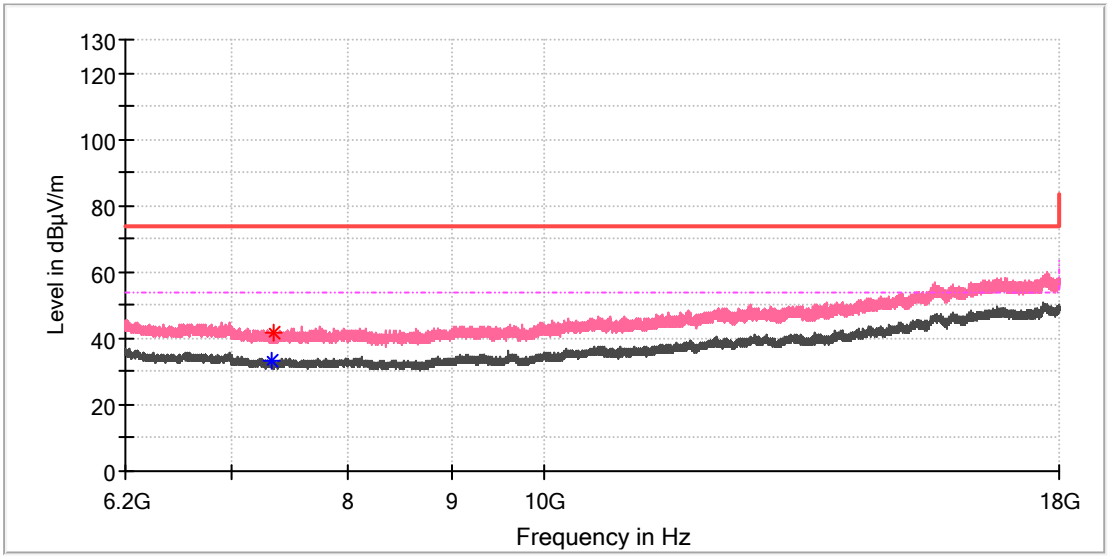
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7300.841667	---	32.93	54.00	21.07	100.0	H	119.0	8.3
7314.608333	41.43	---	74.00	32.57	100.0	H	350.0	8.2

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:	Titan HD
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

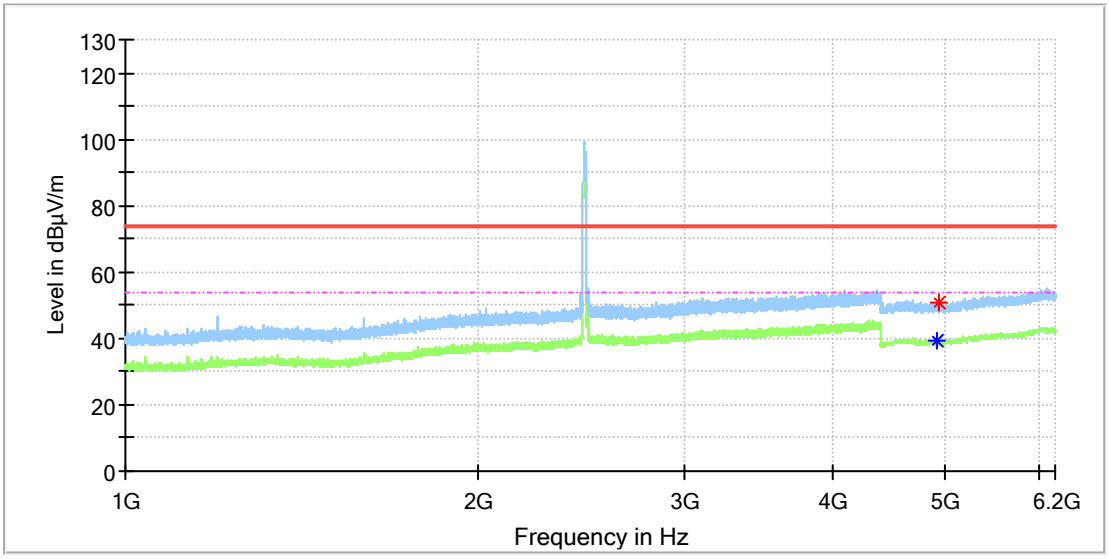
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7326.408333	---	33.23	54.00	20.77	100.0	V	3.0	8.1
7339.683333	41.76	---	74.00	32.24	100.0	V	241.0	8.1

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:	Titan HD
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

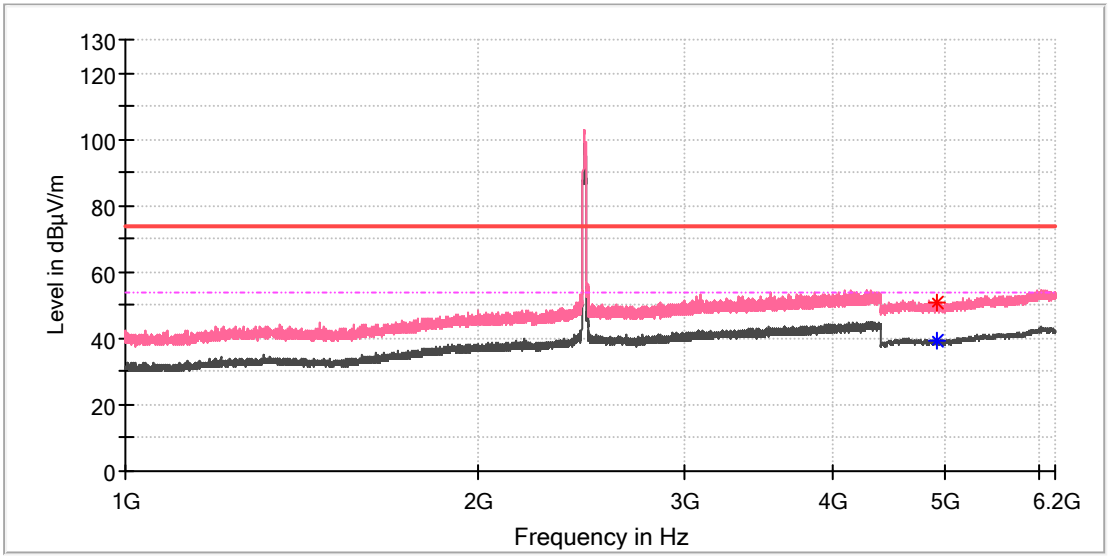
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4924.500000	---	39.31	54.00	14.69	100.0	H	46.0	11.8
4926.000000	50.55	---	74.00	23.45	100.0	H	59.0	11.8

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:	Titan HD
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

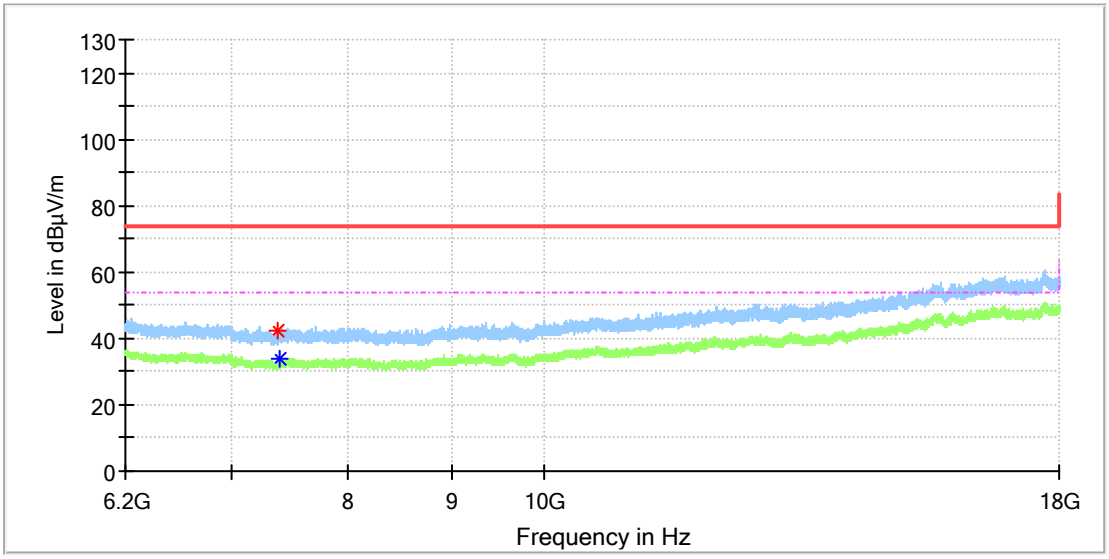
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4922.000000	50.99	---	74.00	23.01	100.0	V	225.0	11.8
4923.500000	---	39.56	54.00	14.44	100.0	V	41.0	11.8

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:	Titan HD
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

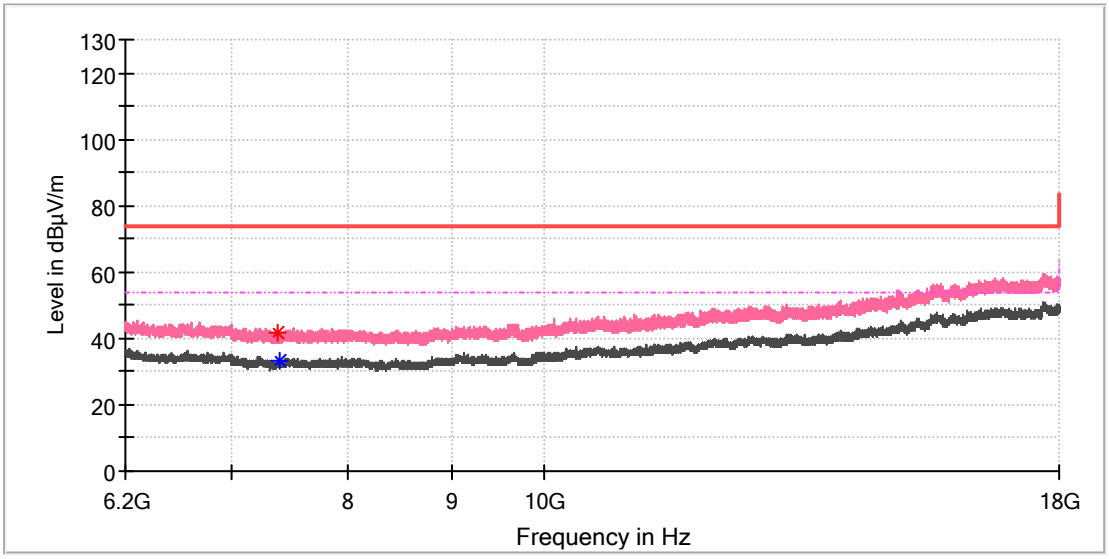
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7380.491667	42.41	---	74.00	31.59	100.0	H	336.0	8.2
7399.175000	---	33.58	54.00	20.42	100.0	H	261.0	8.3

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:	Titan HD
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

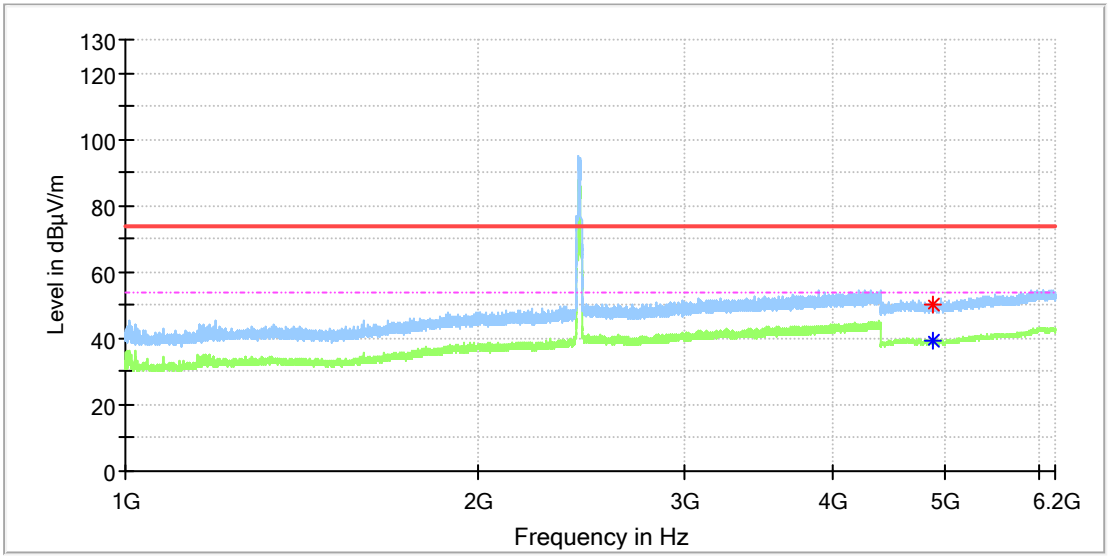
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7384.916667	41.65	---	74.00	32.35	100.0	V	5.0	8.2
7398.683333	---	33.32	54.00	20.68	100.0	V	254.0	8.3

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:	Titan HD
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

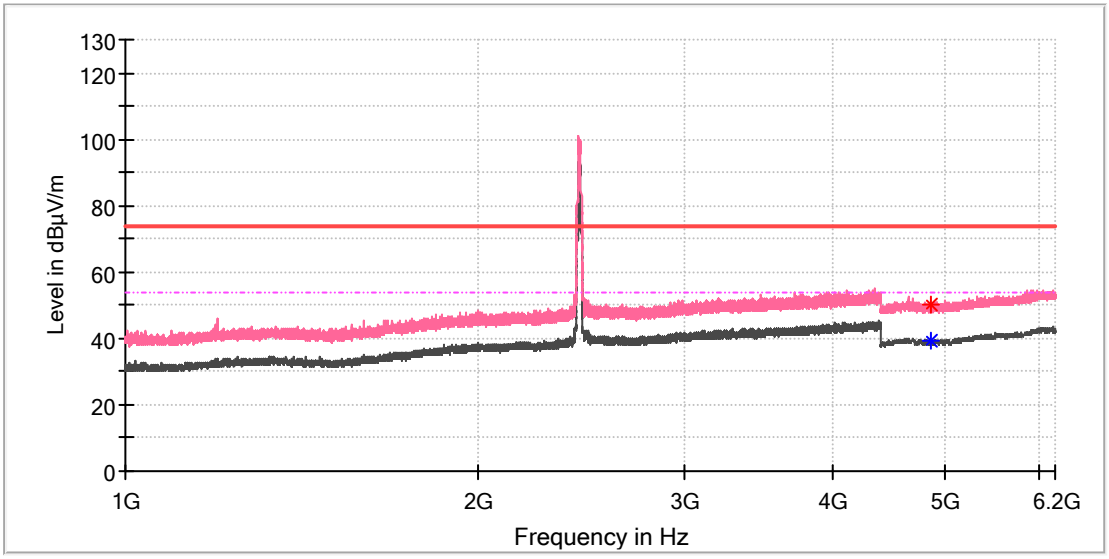
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4871.500000	---	39.28	54.00	14.72	100.0	H	115.0	11.8
4875.500000	50.15	---	74.00	23.85	100.0	H	36.0	11.8

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:	Titan HD
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

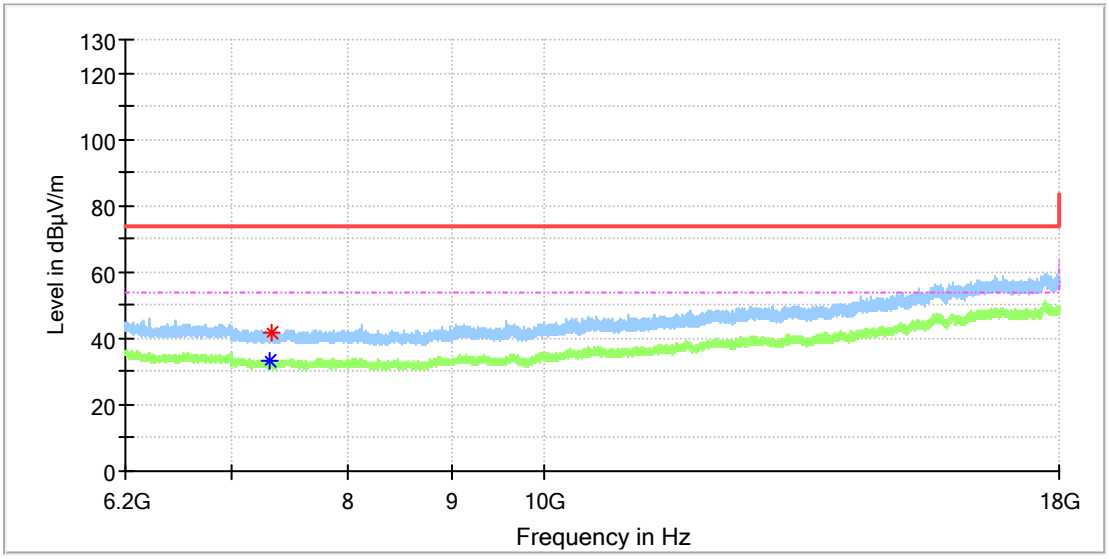
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4859.500000	50.24	---	74.00	23.76	100.0	V	195.0	11.8
4864.000000	---	39.37	54.00	14.63	100.0	V	82.0	11.8

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:	Titan HD
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

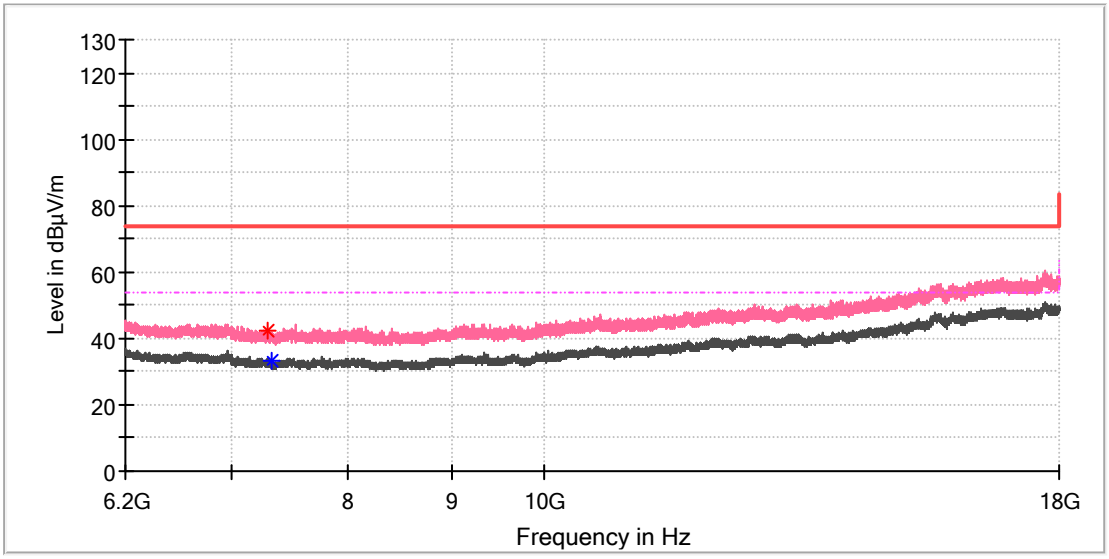
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7312.150000	---	33.30	54.00	20.70	100.0	H	66.0	8.2
7329.850000	41.60	---	74.00	32.40	100.0	H	237.0	8.1

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:	Titan HD
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

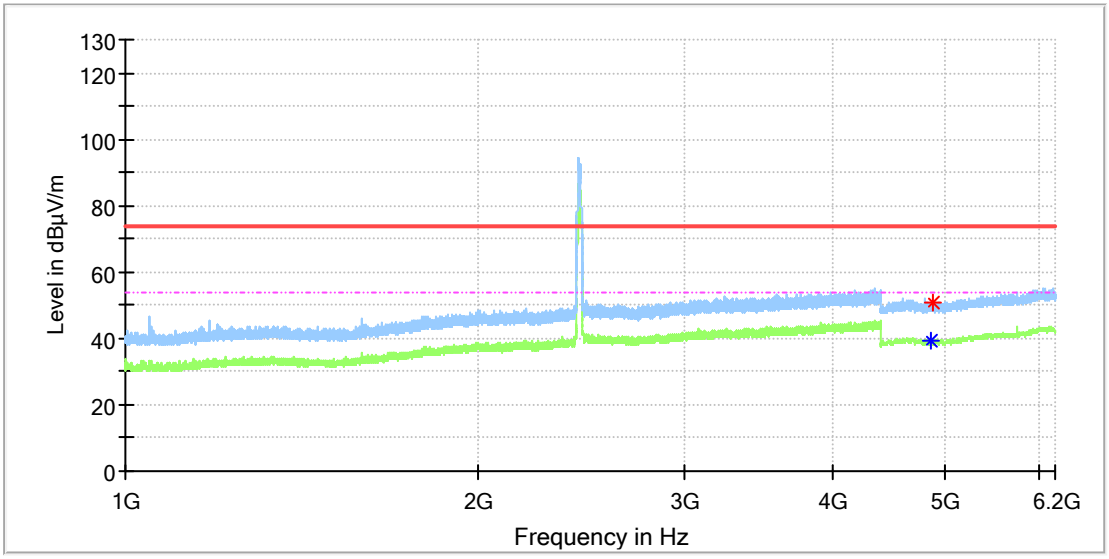
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7287.566667	42.62	---	74.00	31.38	100.0	V	290.0	8.4
7323.950000	---	33.17	54.00	20.83	100.0	V	112.0	8.2

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:	Titan HD
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

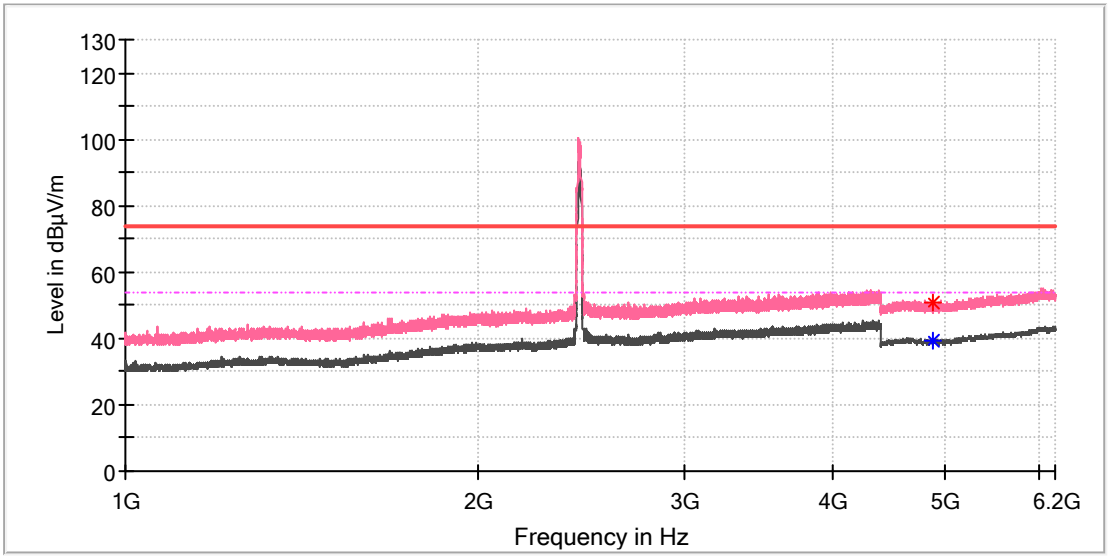
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4860.000000	---	39.51	54.00	14.49	100.0	H	305.0	11.8
4868.500000	50.75	---	74.00	23.25	100.0	H	87.0	11.8

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:	Titan HD
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

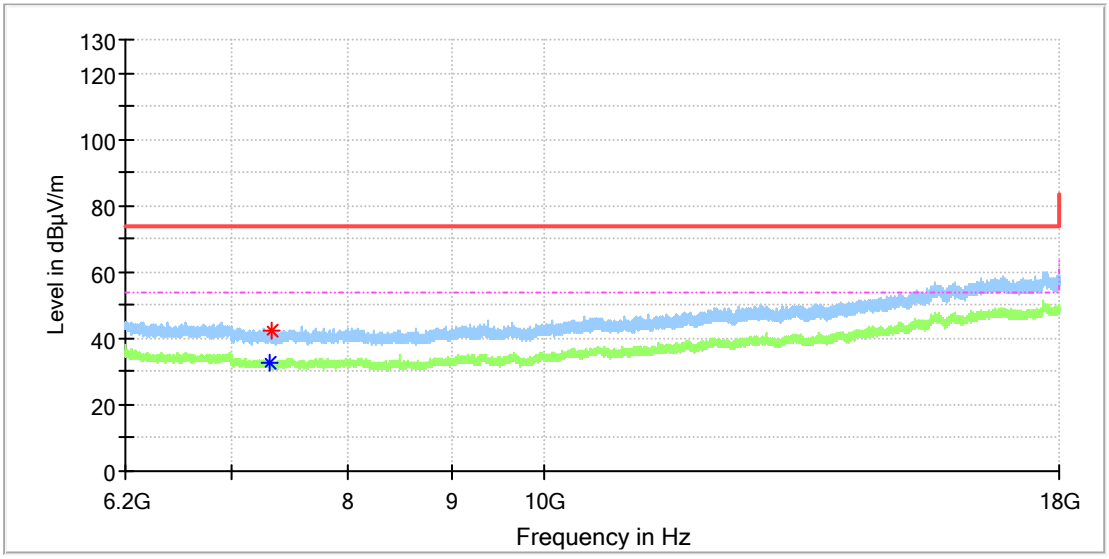
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4870.000000	50.65	---	74.00	23.35	100.0	V	222.0	11.8
4870.500000	---	39.26	54.00	14.74	100.0	V	20.0	11.8

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:	Titan HD
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

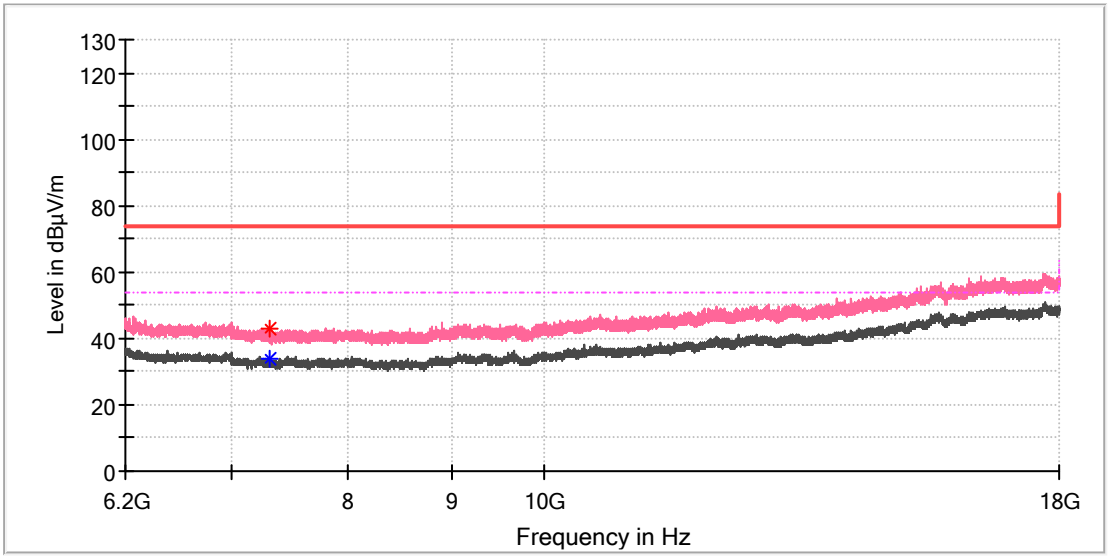
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7307.725000	---	32.89	54.00	21.11	100.0	H	81.0	8.3
7333.783333	42.22	---	74.00	31.78	100.0	H	7.0	8.1

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:	Titan HD
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

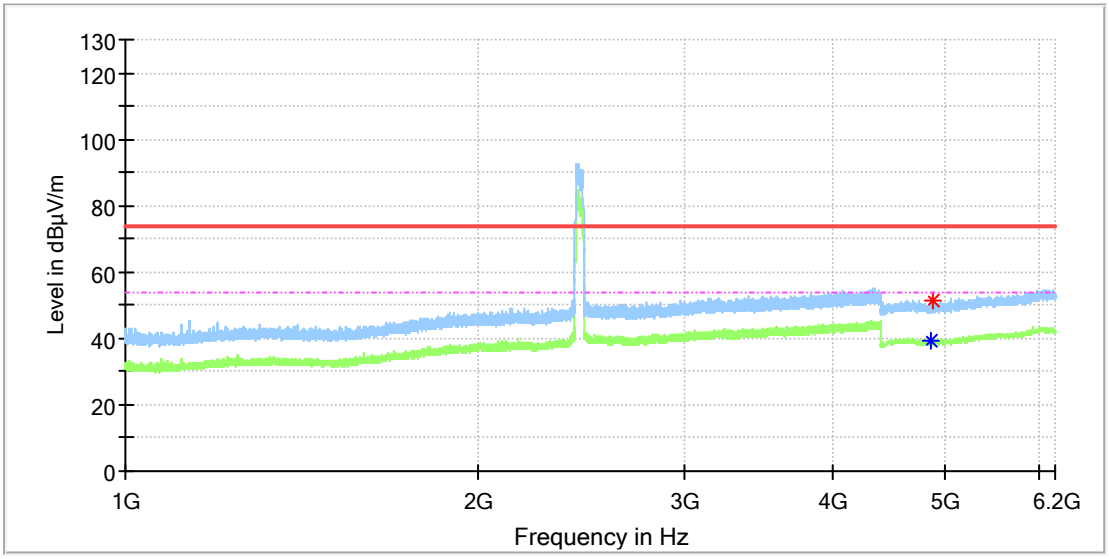
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7311.166667	---	33.79	54.00	20.21	100.0	V	161.0	8.2
7318.050000	42.85	---	74.00	31.15	100.0	V	291.0	8.2

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:	Titan HD
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

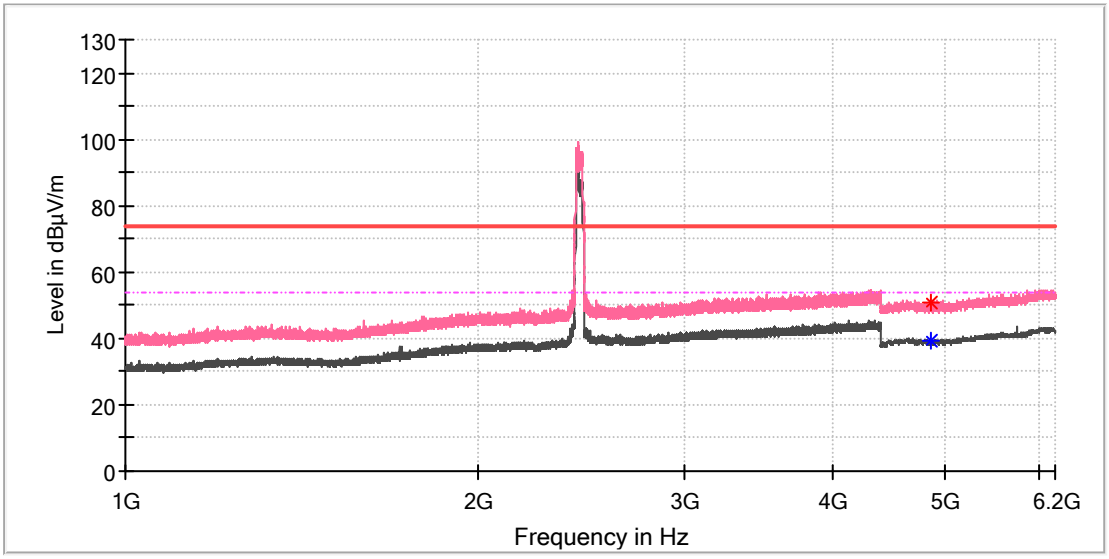
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4860.000000	---	39.28	54.00	14.72	100.0	H	165.0	11.8
4871.500000	51.24	---	74.00	22.76	100.0	H	62.0	11.8

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:	Titan HD
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

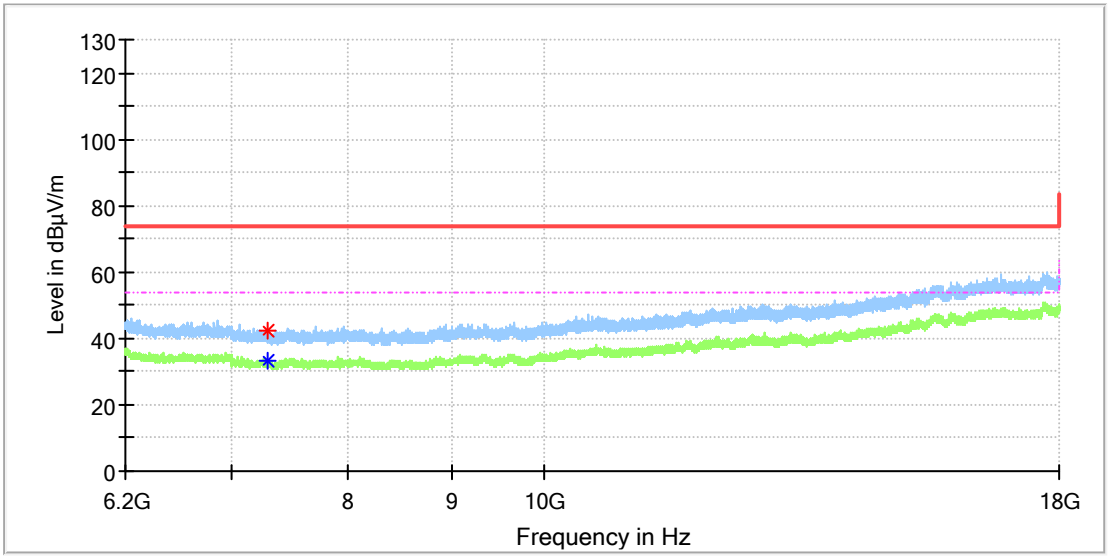
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
4858.000000	50.71	---	74.00	23.29	100.0	V	101.0	11.8
4861.000000	---	39.18	54.00	14.82	100.0	V	128.0	11.8

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:	Titan HD
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

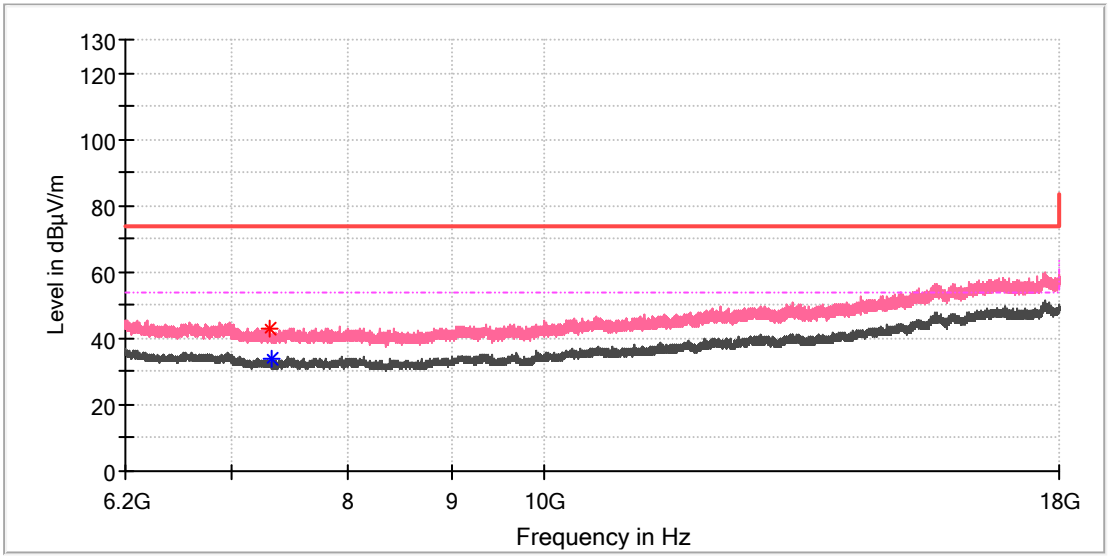
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
7287.075000	---	33.46	54.00	20.54	100.0	H	42.0	8.4
7291.991667	42.42	---	74.00	31.58	100.0	H	0.0	8.3

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:	Titan HD
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

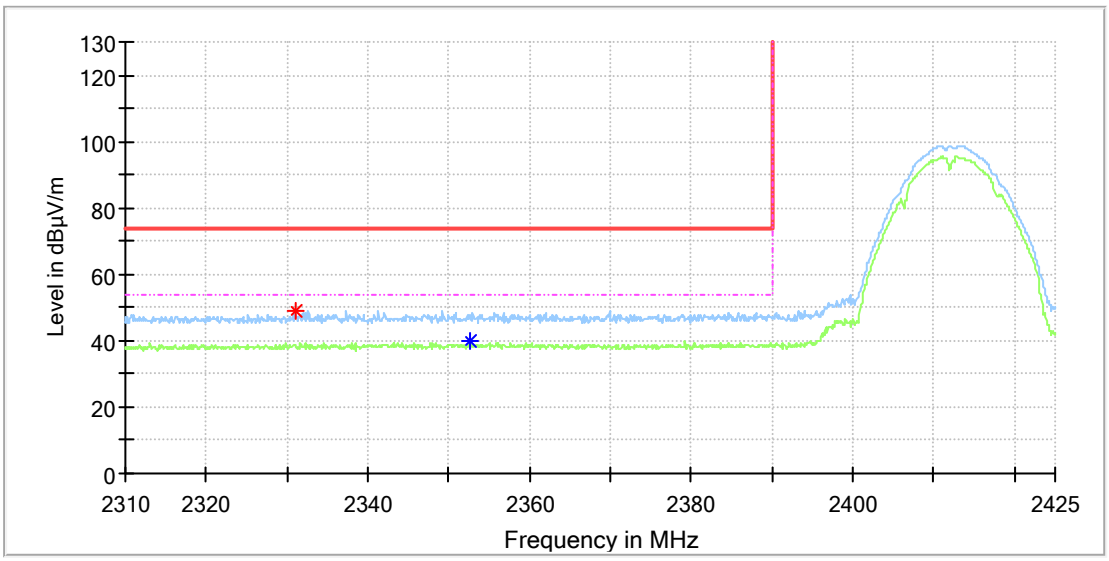
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
---	---	---	---	---		---	---

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:	Titan HD
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

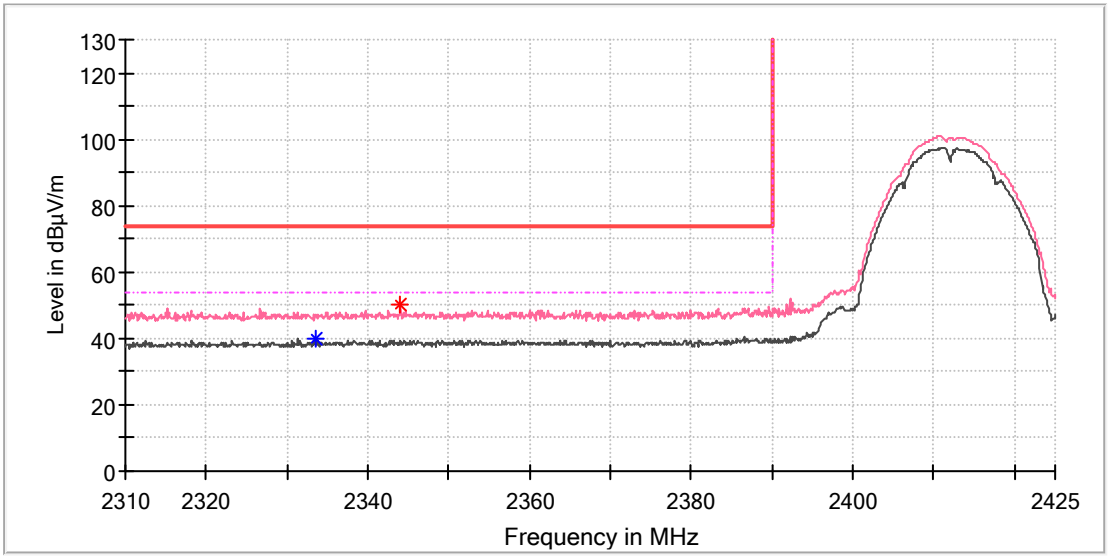
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2331.000000	49.27	---	74.00	24.73	100.0	H	319.0	6.7
2352.600000	---	39.63	54.00	14.37	100.0	H	186.0	6.9

Final_Result

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

EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
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

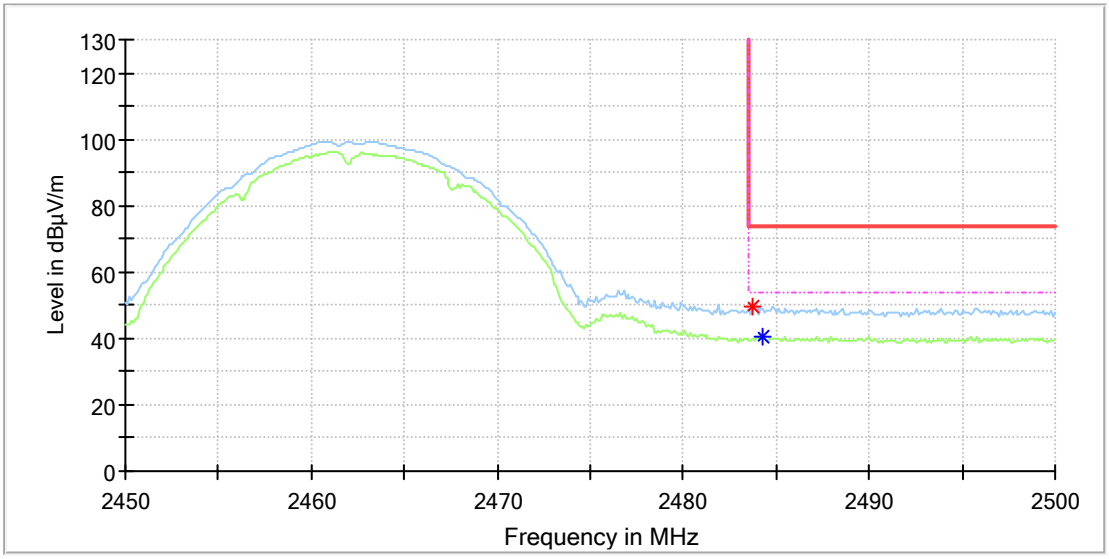
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2333.500000	---	40.01	54.00	13.99	100.0	V	299.0	6.7
2344.000000	50.27	---	74.00	23.73	100.0	V	129.0	6.9

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:	Titan HD
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

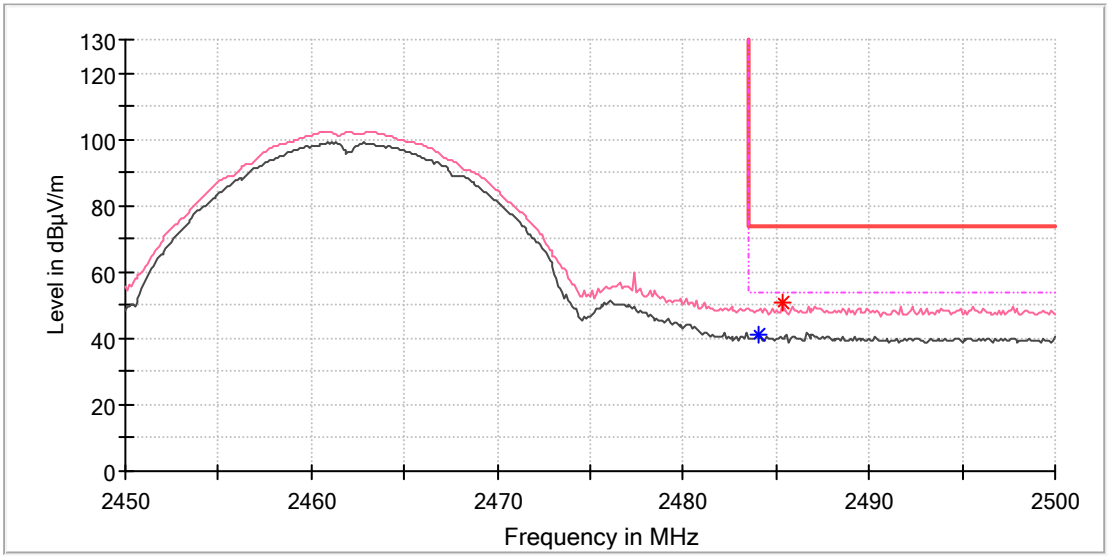
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.700000	49.57	---	74.00	24.43	100.0	H	147.0	7.4
2484.300000	---	40.67	54.00	13.33	100.0	H	167.0	7.4

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:	Titan HD
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)
2484.000000	---	41.25	54.00	12.75	100.0	V	74.0	7.4
2485.300000	50.49	---	74.00	23.51	100.0	V	248.0	7.4

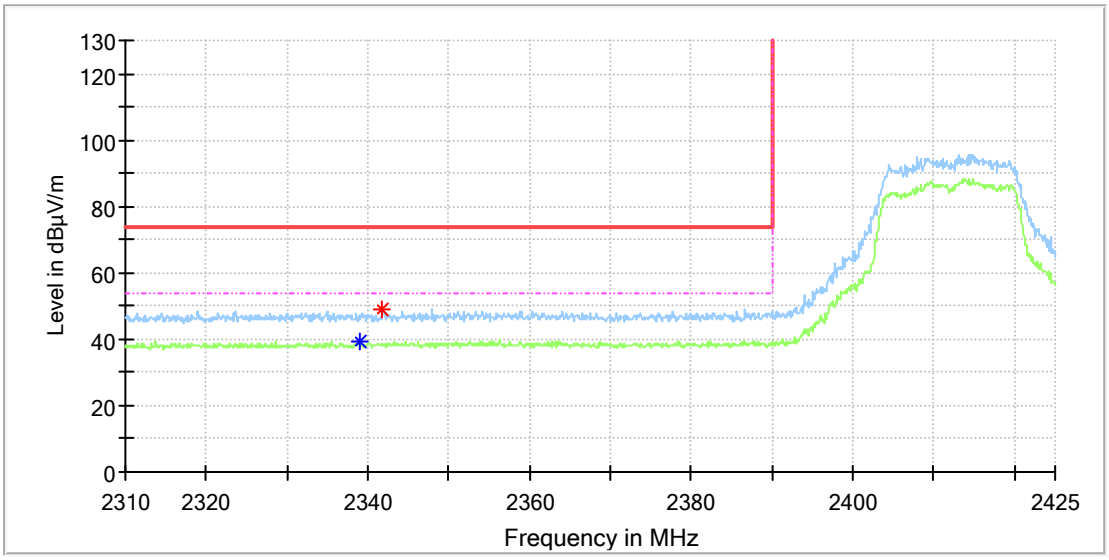
Final_Result

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:	Titan HD
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

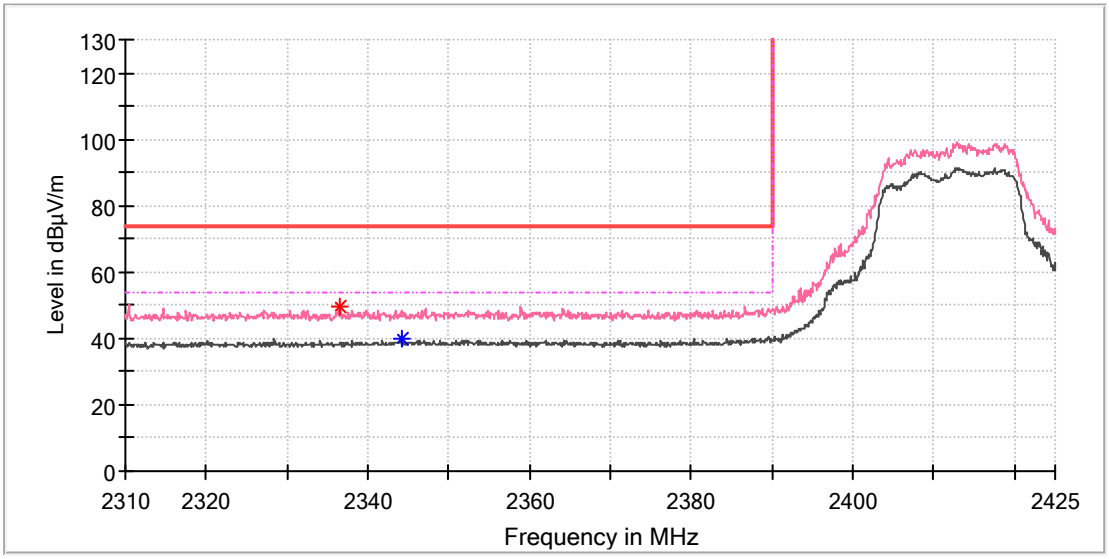
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2338.900000	---	39.27	54.00	14.73	100.0	H	0.0	6.8
2341.800000	48.86	---	74.00	25.14	100.0	H	141.0	6.8

Final_Result

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

EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
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

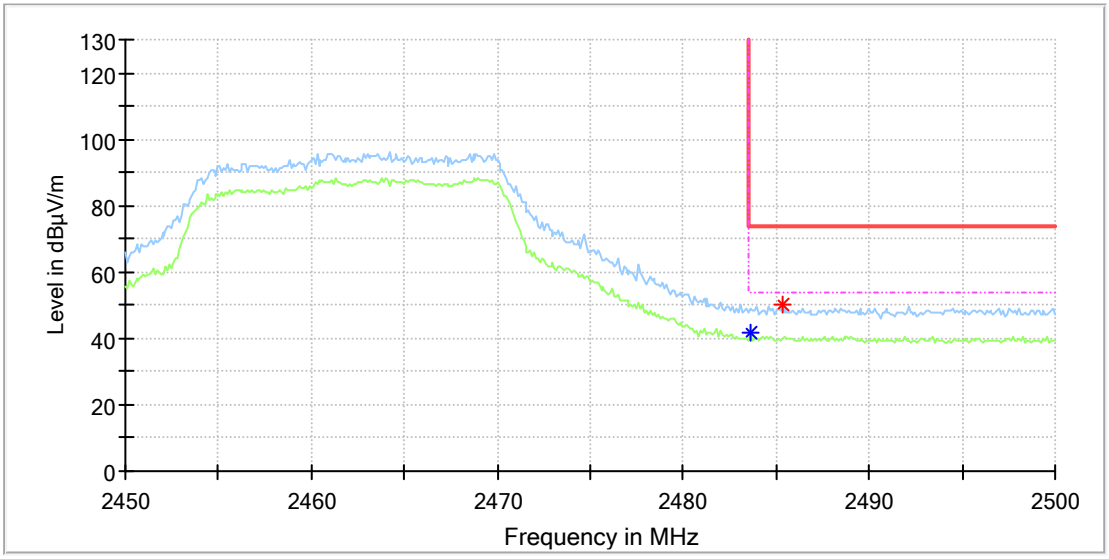
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2336.600000	49.46	---	74.00	24.54	100.0	V	152.0	6.8
2344.100000	---	39.85	54.00	14.15	100.0	V	274.0	6.9

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:	Titan HD
Test Mode:	WIFI 2.4G_11g_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

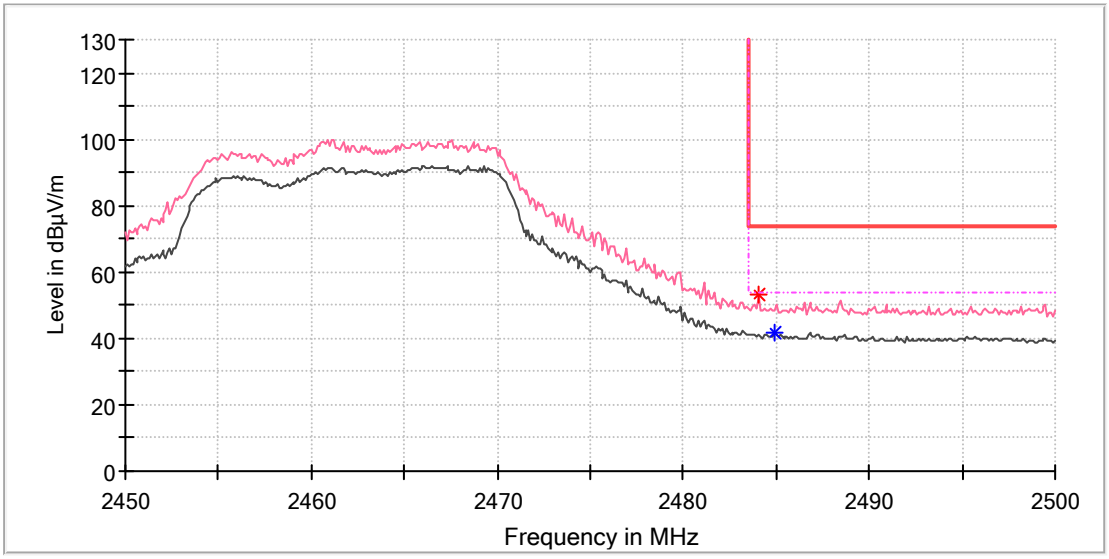
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.600000	---	41.50	54.00	12.50	100.0	H	264.0	7.4
2485.300000	50.00	---	74.00	24.00	100.0	H	164.0	7.4

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:	Titan HD
Test Mode:	WIFI 2.4G_11g_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)
2484.100000	53.05	---	74.00	20.95	100.0	V	208.0	7.4
2484.900000	---	41.70	54.00	12.30	100.0	V	208.0	7.4

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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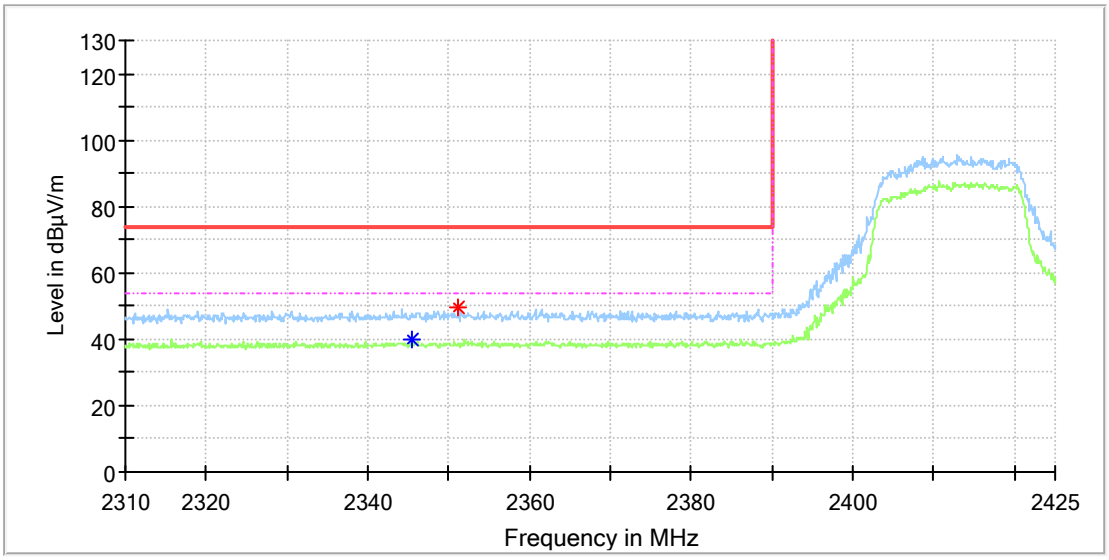
Wi-Fi 802.11 n(HT20) mode, MCS0

EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
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)
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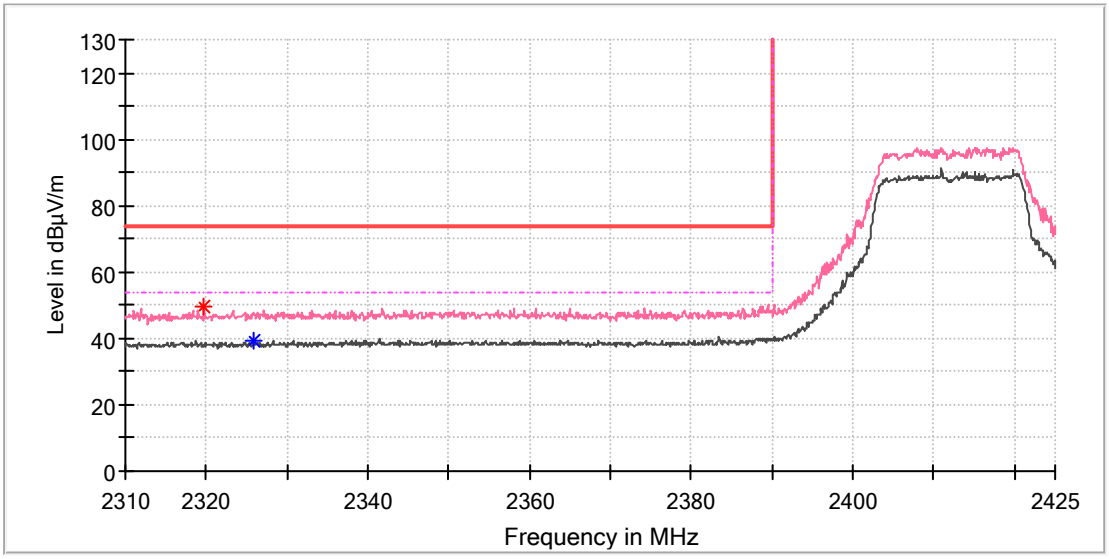
EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
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)
2319.700000	49.40	---	74.00	24.60	100.0	V	167.0	6.6
2325.800000	---	39.07	54.00	14.93	100.0	V	32.0	6.7

Final_Result

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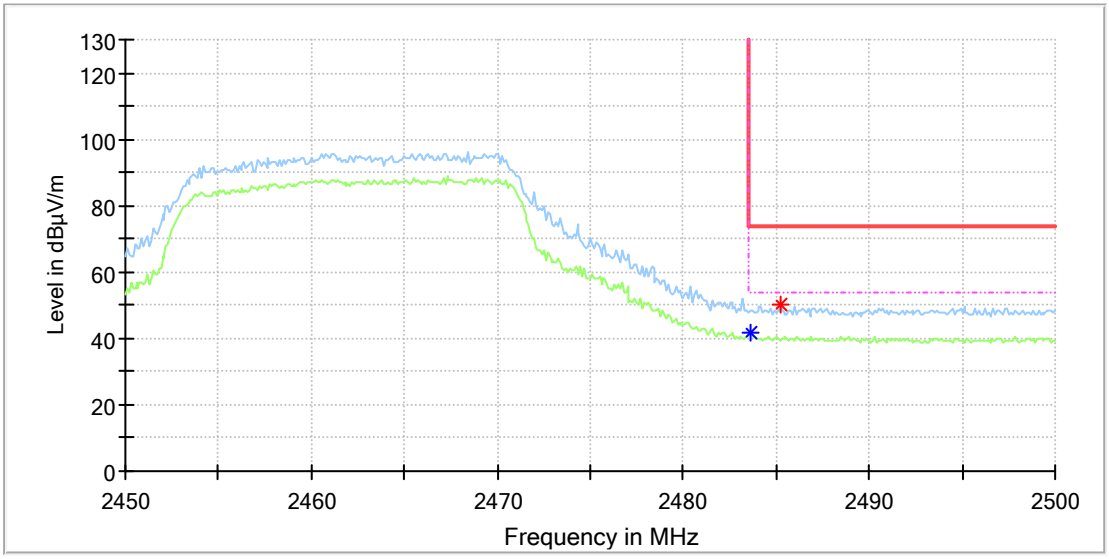
EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
Test Mode:	WIFI 2.4G_11n20_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)
2483.600000	---	41.86	54.00	12.14	100.0	H	165.0	7.4
2485.200000	49.89	---	74.00	24.11	100.0	H	175.0	7.4

Final_Result

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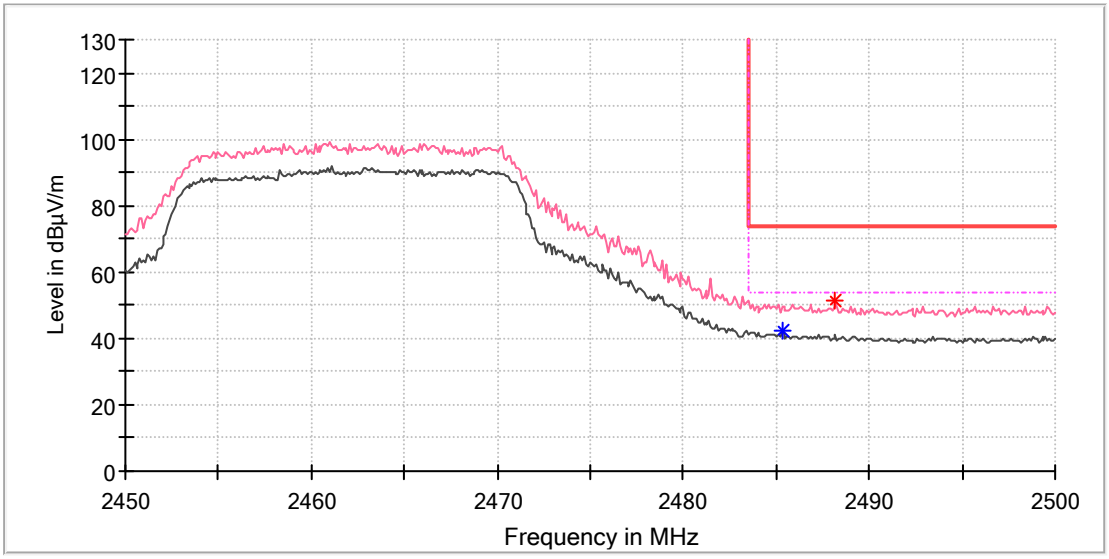
EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
Test Mode:	WIFI 2.4G_11n20_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)
2485.300000	---	42.35	54.00	11.65	100.0	V	210.0	7.4
2488.200000	51.30	---	74.00	22.70	100.0	V	216.0	7.4

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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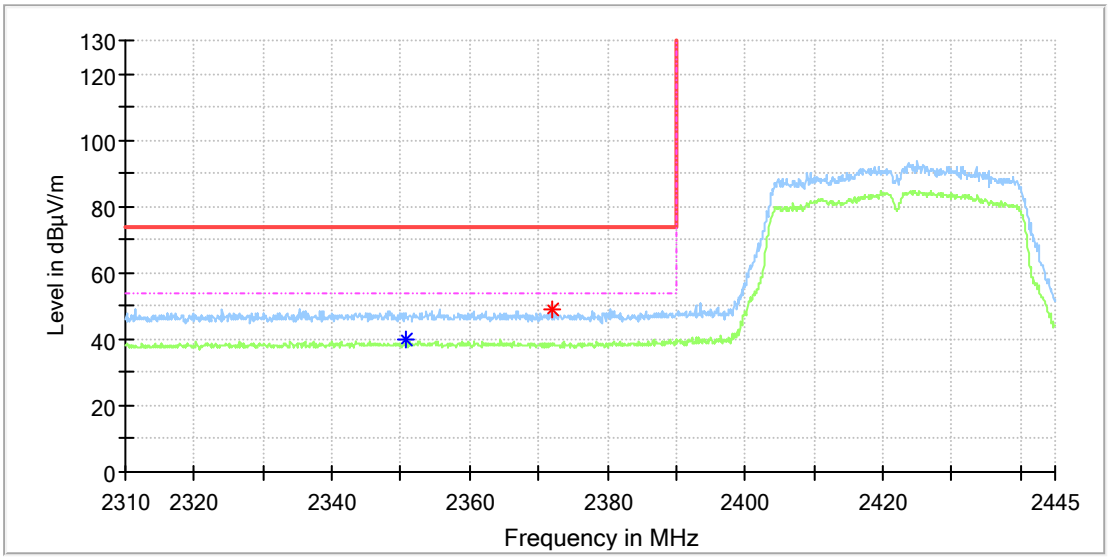
Wi-Fi 802.11 n(HT40) mode, MCS0

EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
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)
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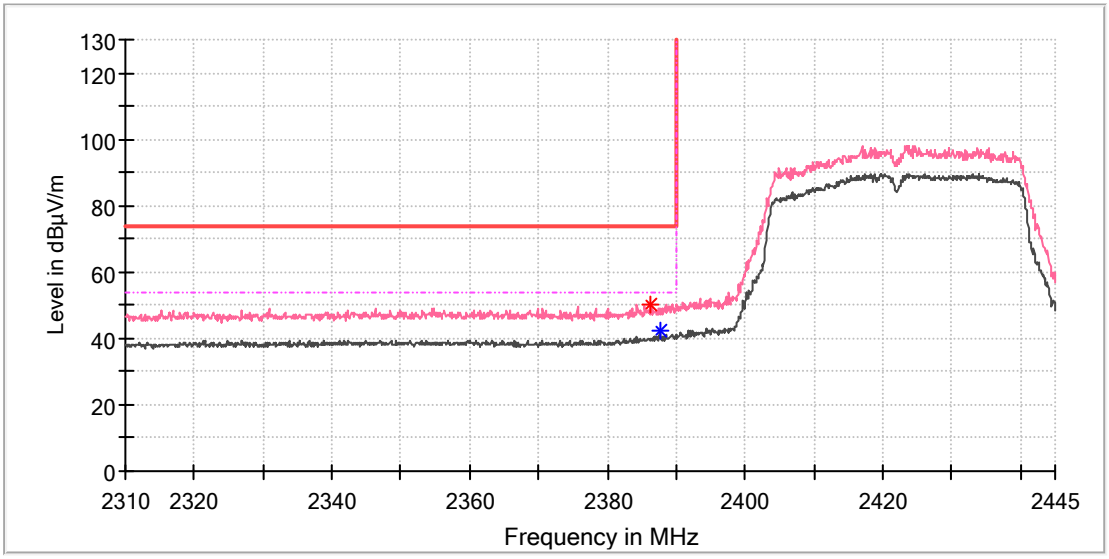
EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
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)
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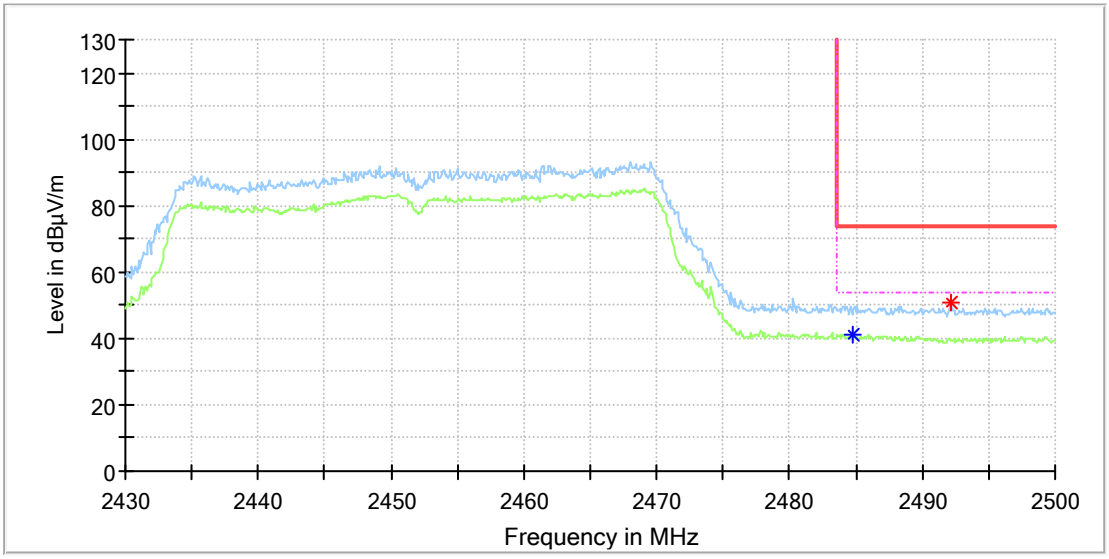
EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
Test Mode:	WIFI 2.4G_11n40_Ch9
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)
2484.800000	---	41.08	54.00	12.92	100.0	H	268.0	7.4
2492.100000	50.56	---	74.00	23.44	100.0	H	85.0	7.4

Final_Result

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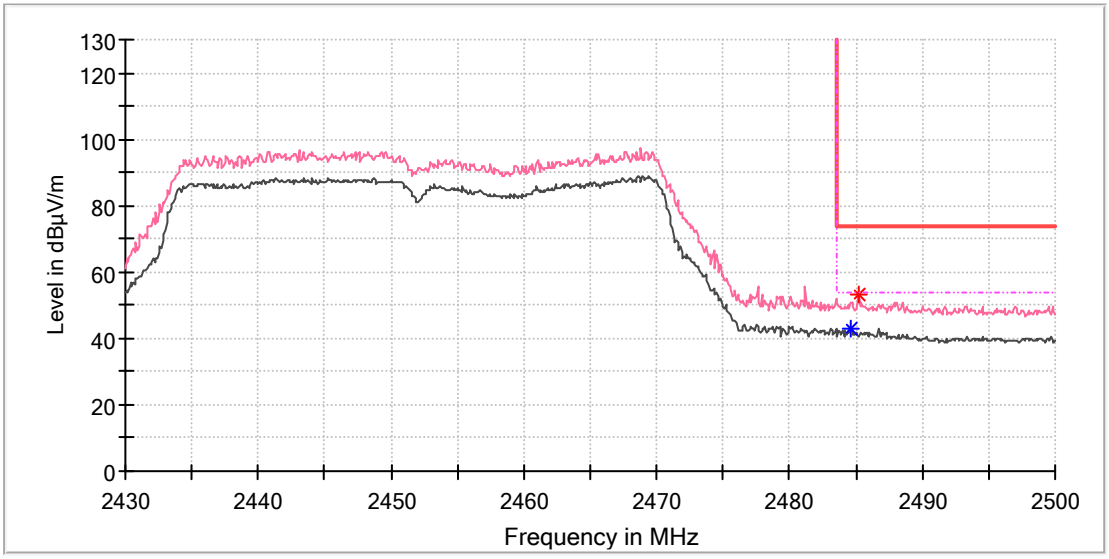
EUT Information

EUT Name:	Portable Thermal Camera
Model:	Titan HD
Test Mode:	WIFI 2.4G_11n40_Ch9
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)
2484.600000	---	42.75	54.00	11.25	100.0	V	220.0	7.4
2485.200000	53.34	---	74.00	20.66	100.0	V	213.0	7.4

Final_Result

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