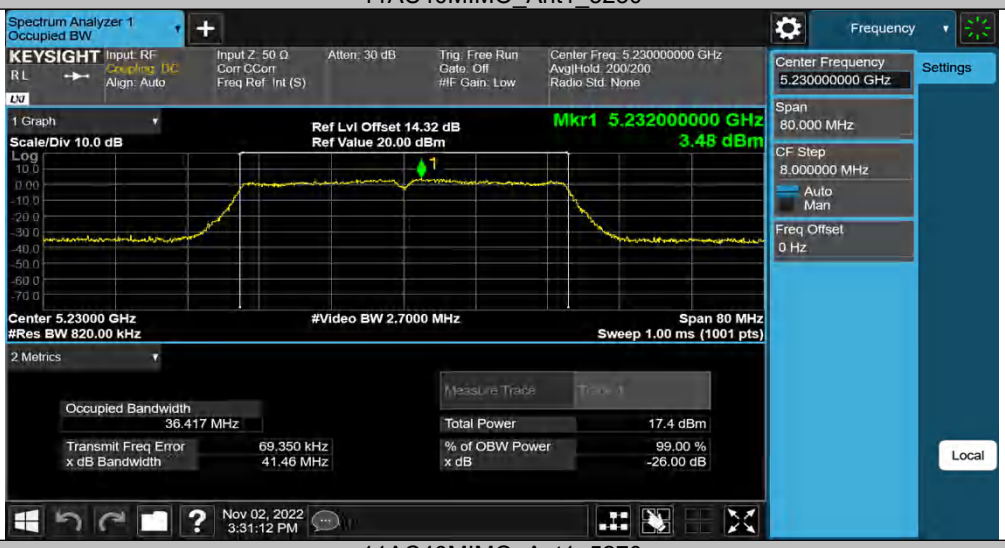
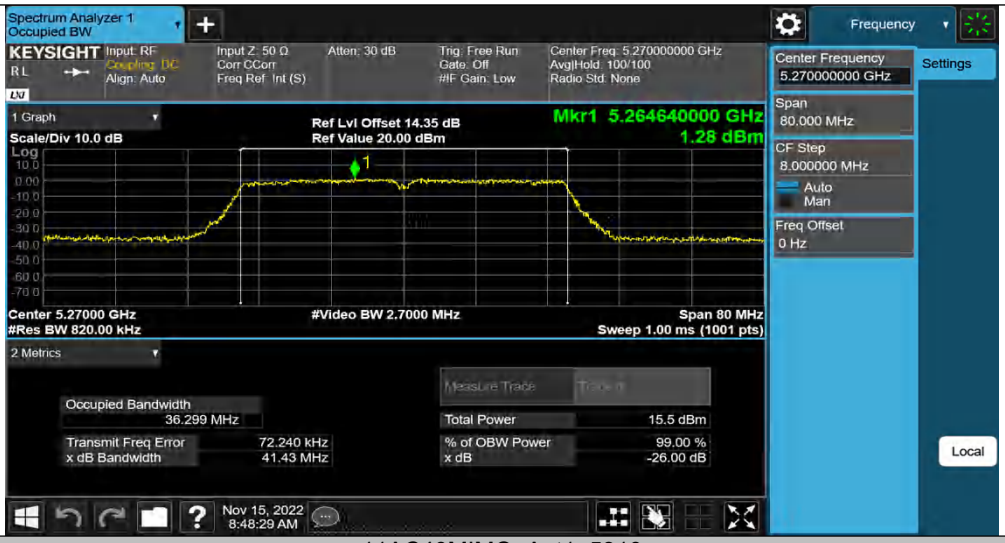
11AC40MIMO_Ant1_5190

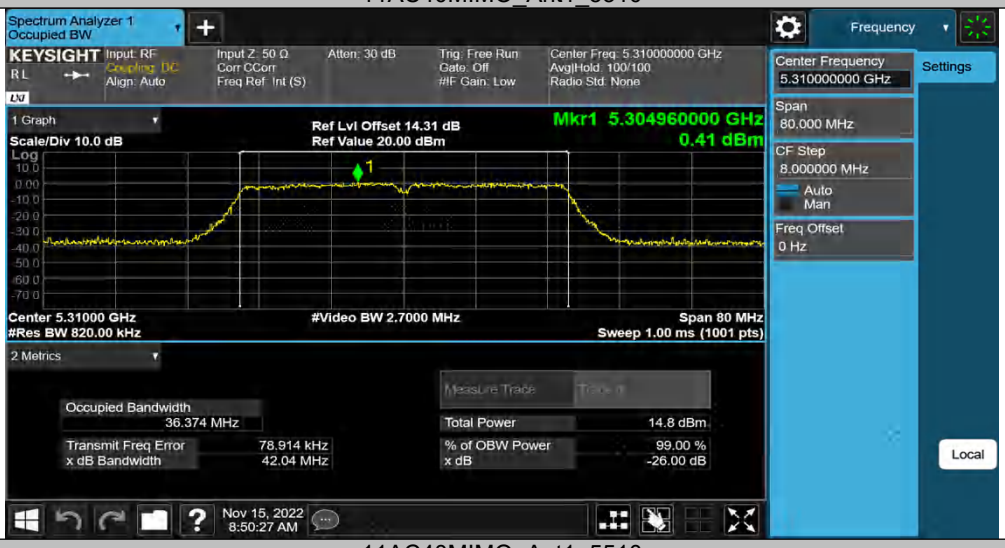
11AC40MIMO_Ant1_5230



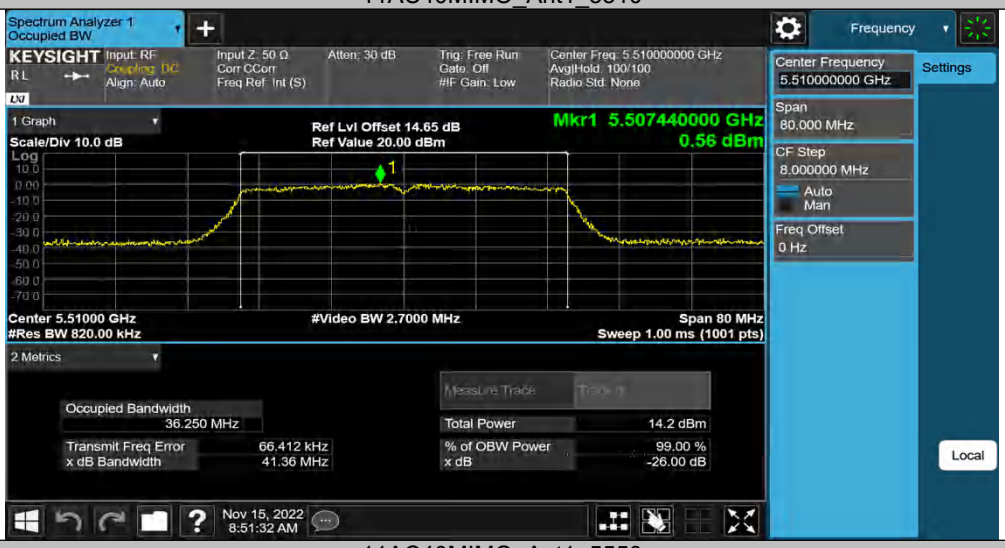
11AC40MIMO_Ant1_5270



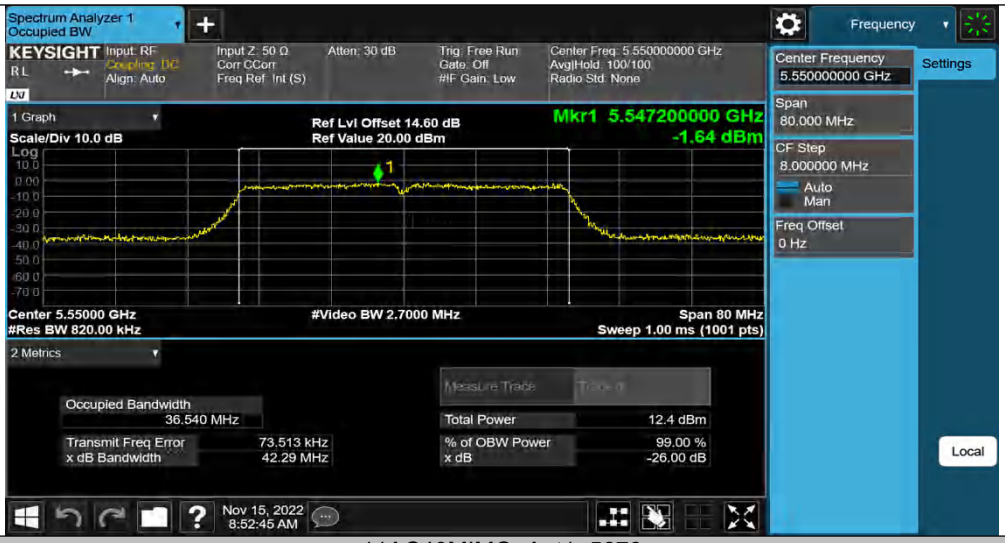
11AC40MIMO_Ant1_5310



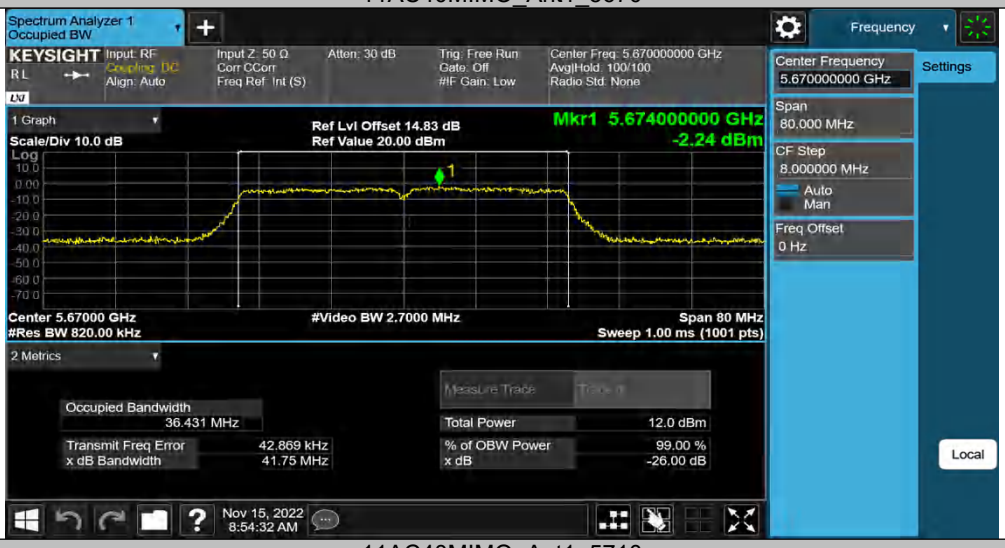
11AC40MIMO_Ant1_5510



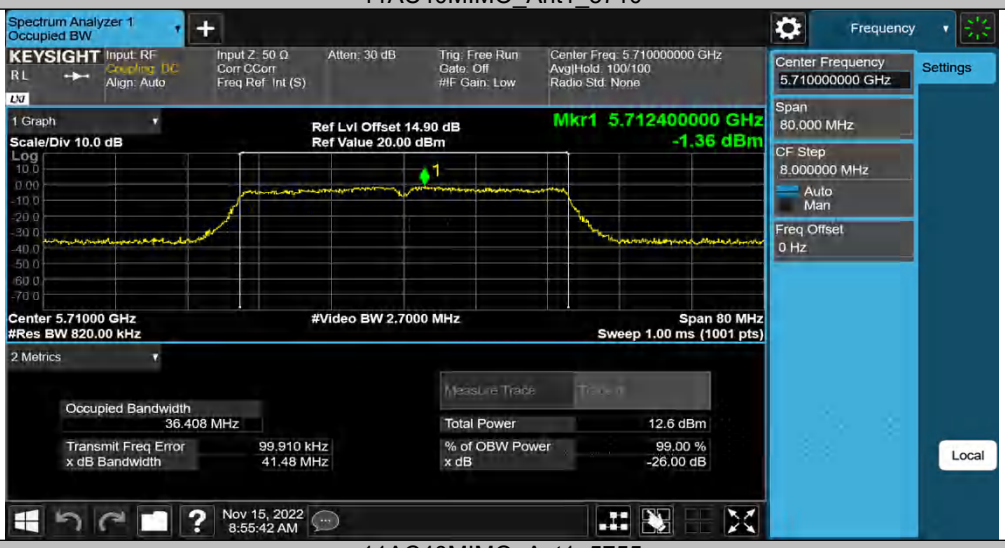
11AC40MIMO_Ant1_5550



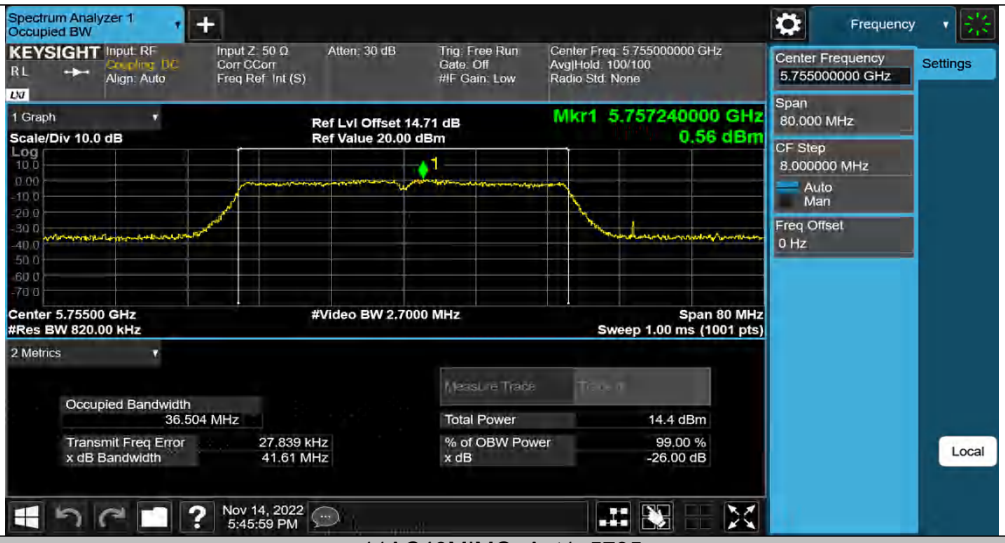
11AC40MIMO_Ant1_5670



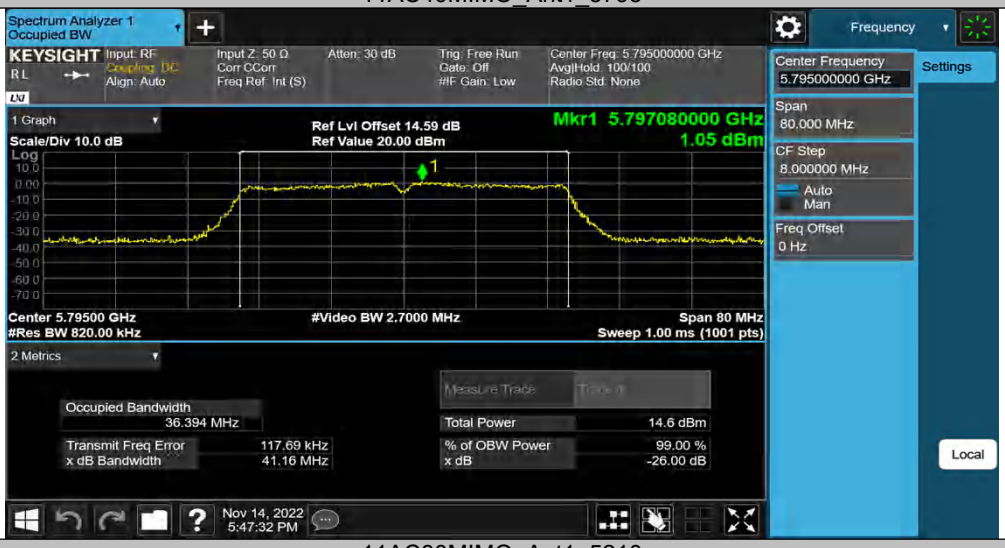
11AC40MIMO_Ant1_5710



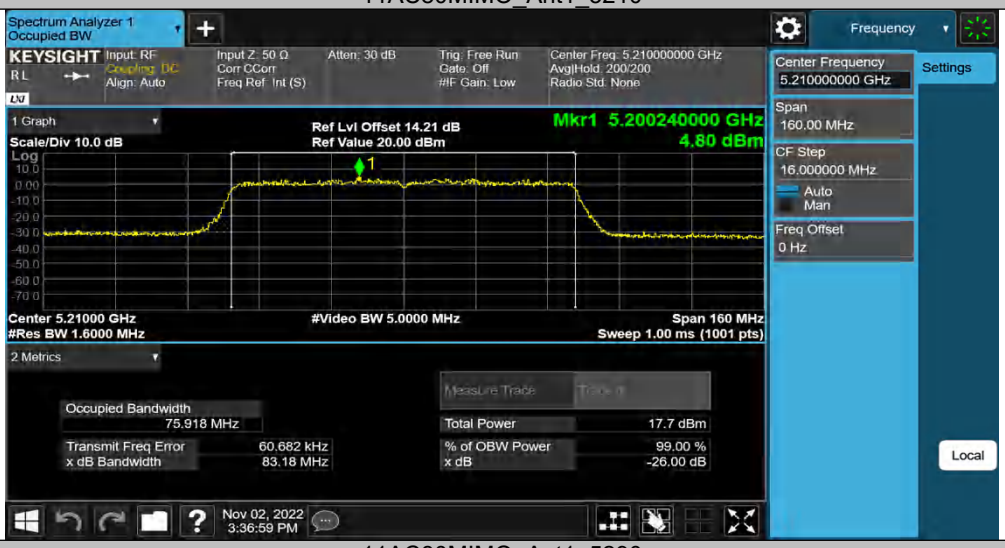
11AC40MIMO_Ant1_5755



11AC40MIMO_Ant1_5795



11AC80MIMO_Ant1_5210



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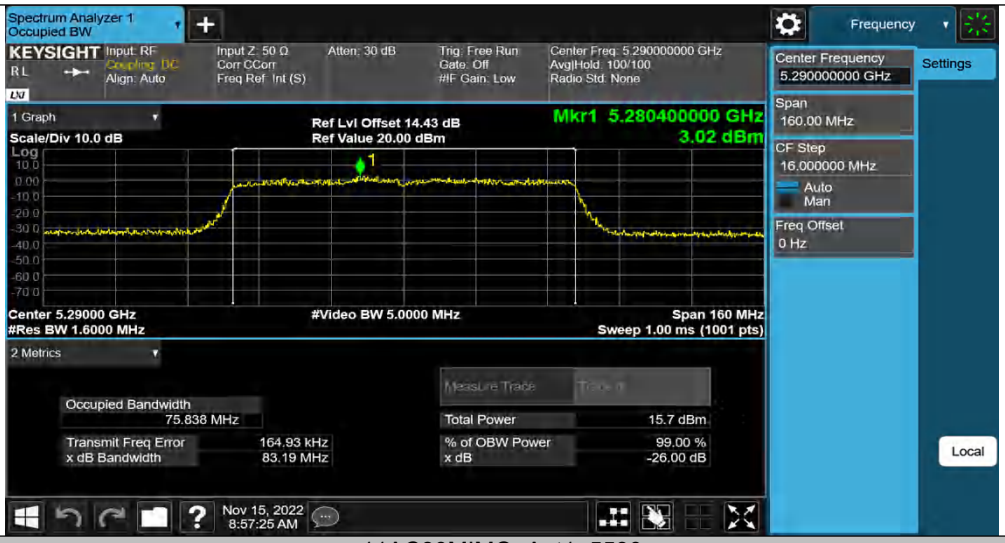
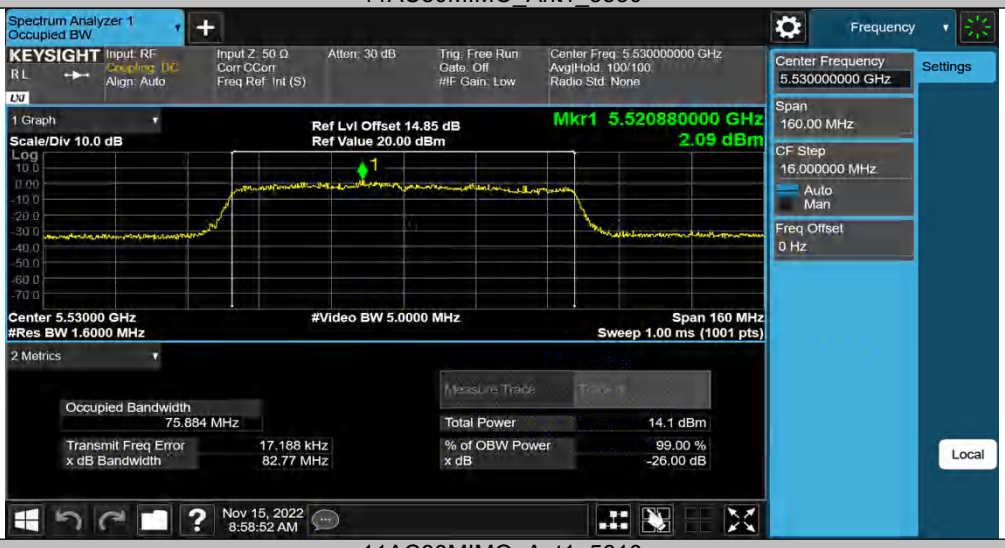
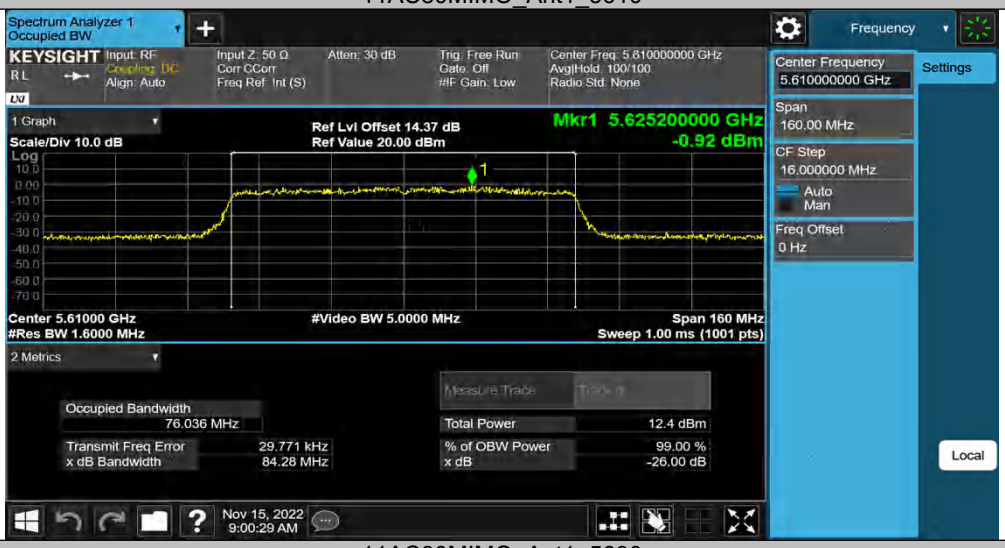


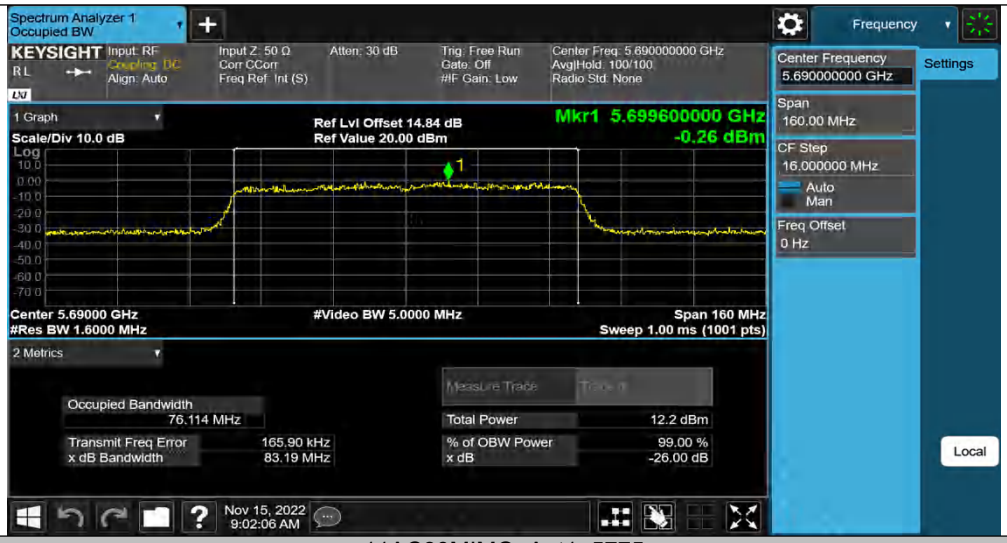
11AC80MIMO_Ant1_5530



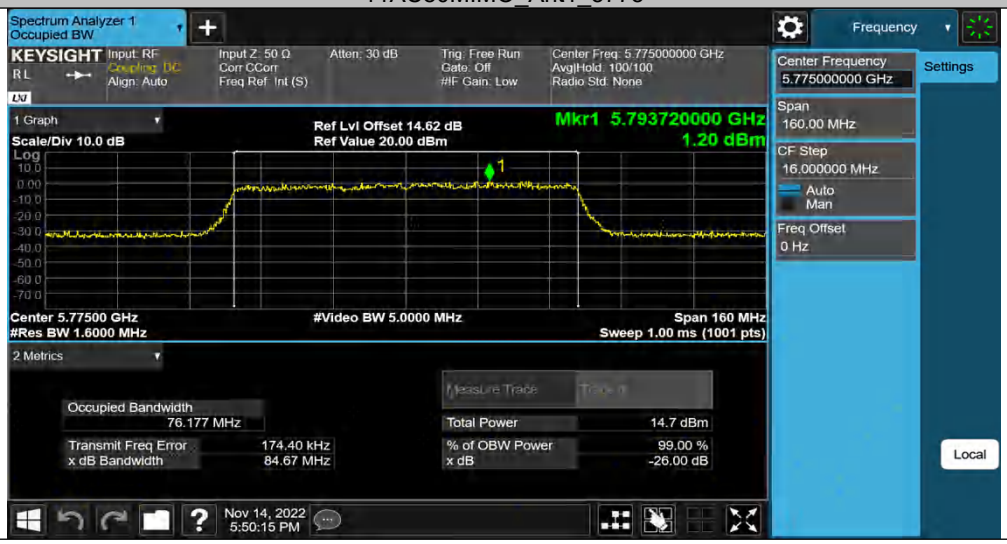
11AC80MIMO_Ant1_5610



11AC80MIMO_Ant1_5690



11AC80MIMO_Ant1_5775



Appendix B.6: Test Results of 6dB Bandwidth

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.080	5737.480	5752.560	0.5	PASS
		5785	15.320	5777.560	5792.880	0.5	PASS
		5825	14.400	5818.120	5832.520	0.5	PASS
11N20MIMO	Ant1	5745	15.400	5737.120	5752.520	0.5	PASS
		5785	15.640	5777.120	5792.760	0.5	PASS
		5825	16.200	5817.160	5833.360	0.5	PASS
11N40MIMO	Ant1	5755	35.440	5737.080	5772.520	0.5	PASS
		5795	34.080	5778.680	5812.760	0.5	PASS
11AC20MIMO	Ant1	5745	14.960	5737.480	5752.440	0.5	PASS
		5785	16.440	5776.600	5793.040	0.5	PASS
		5825	16.560	5816.600	5833.160	0.5	PASS
11AC40MIMO	Ant1	5755	35.120	5737.400	5772.520	0.5	PASS
		5795	35.760	5777.400	5813.160	0.5	PASS
11AC80MIMO	Ant1	5775	74.880	5737.560	5812.440	0.5	PASS

11A_Ant1_5745

11A_Ant1_5785

11A_Ant1_5825

11N20MIMO_Ant1_5745

11N20MIMO_Ant1_5785

11N20MIMO_Ant1_5825

11N40MIMO_Ant1_5755

11N40MIMO_Ant1_5795

11AC20MIMO_Ant1_5745

11AC20MIMO_Ant1_5785

11AC20MIMO_Ant1_5825

11AC40MIMO_Ant1_5755

11AC40MIMO_Ant1_5795

11AC80MIMO_Ant1_5775

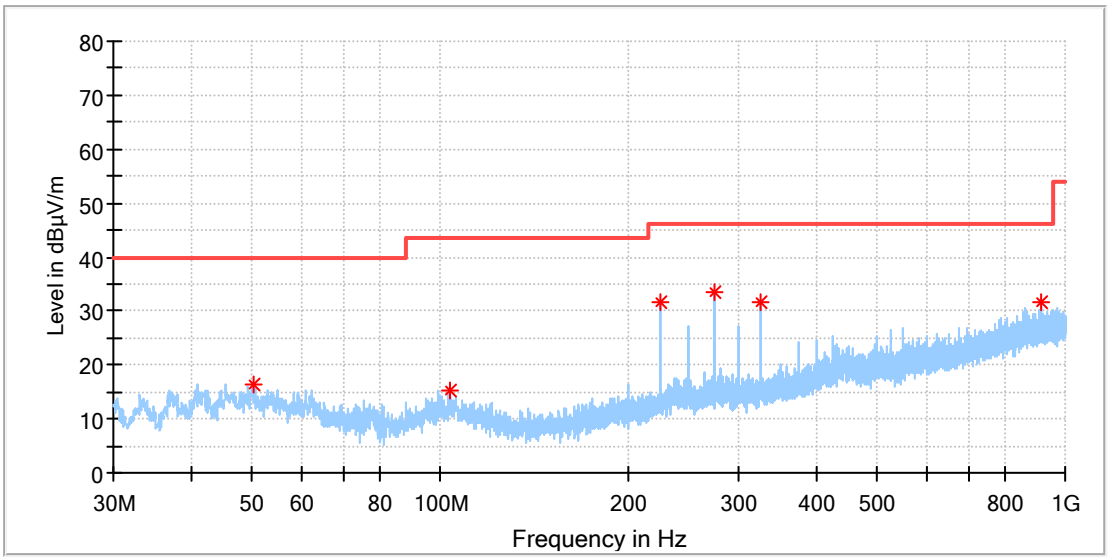
Appendix B.7: Test Results of Radiated Spurious Emissions

Note:1, Testing is carried out with frequency rang 9kHz to the tenth harmonics.
2, The margin is greater than 20 dB are not shown in this Appendix.

30MHz - 1GHz (Worst case)

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
50.224500	16.36	40.00	23.64	100.0	H	192.0	-18.3
104.011000	15.40	43.50	28.10	100.0	H	212.0	-18.8
225.018500	31.60	46.00	14.40	100.0	H	107.0	-18.3
275.022000	33.54	46.00	12.46	100.0	H	164.0	-16.8
325.025500	31.73	46.00	14.27	100.0	H	281.0	-15.6
917.016500	31.65	46.00	14.35	100.0	H	54.0	-4.9

Final_Result

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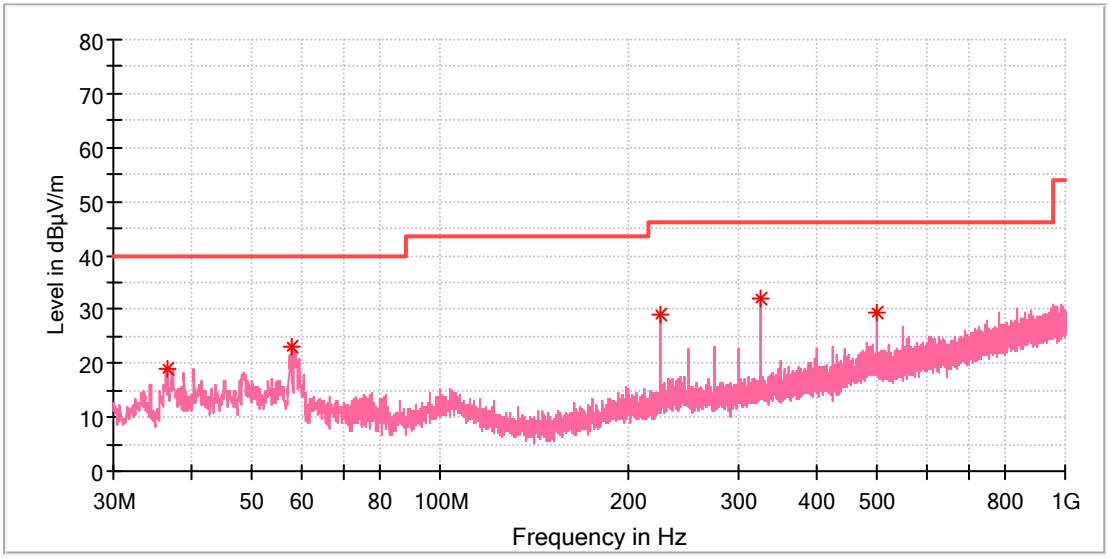
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
36.499000	19.12	40.00	20.88	100.0	V	163.0	-21.4
57.887500	23.00	40.00	17.00	100.0	V	239.0	-18.8
225.018500	29.03	46.00	16.97	100.0	V	0.0	-18.3
325.025500	32.05	46.00	13.95	100.0	V	250.0	-15.6
500.062000	29.33	46.00	16.67	100.0	V	26.0	-11.8

Final_Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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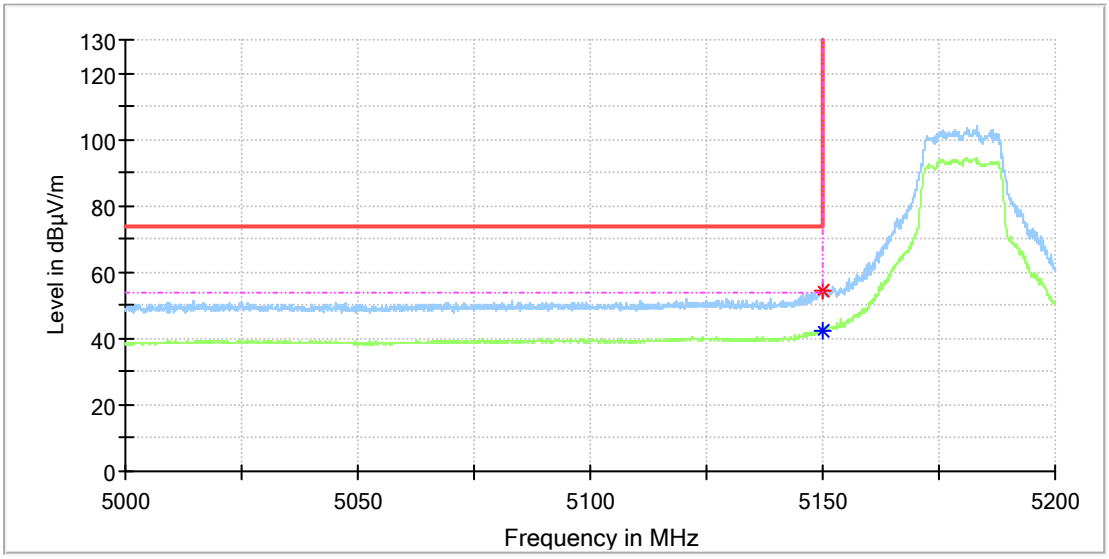
1GHz - 18GHz

Note: The highest waveform in the figure is 5GHz Wi-Fi Fundamental.

U-NII-1 Band

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch36
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

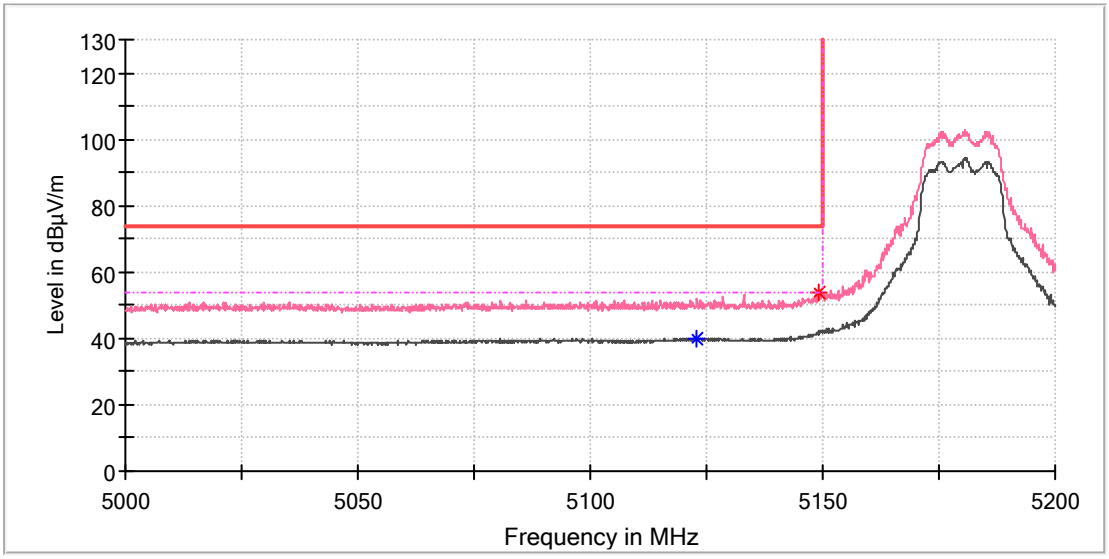
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.800000	---	42.58	54.00	11.42	100.0	H	344.0	12.4
5149.877778	54.66	---	74.00	19.34	100.0	H	171.0	12.4

Final_Result

Frequency (MHz)	Average (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 5G_11a_Ch36
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5123.000000	---	39.97	54.00	14.03	100.0	V	10.0	12.3
5149.000000	53.88	---	74.00	20.12	100.0	V	10.0	12.4

Final_Result

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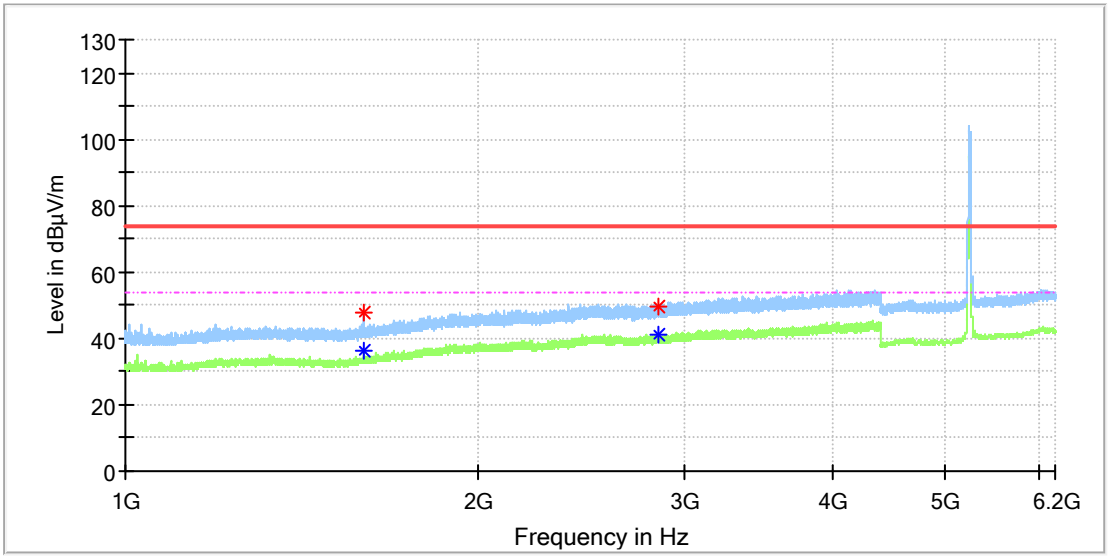
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1599.080000	47.73	---	74.00	26.27	100.0	H	88.0	2.1
1599.080000	---	36.49	54.00	17.51	100.0	H	88.0	2.1
2844.500000	---	41.14	54.00	12.86	100.0	H	131.0	8.1
2846.710000	49.85	---	74.00	24.15	100.0	H	142.0	8.1

Final_Result

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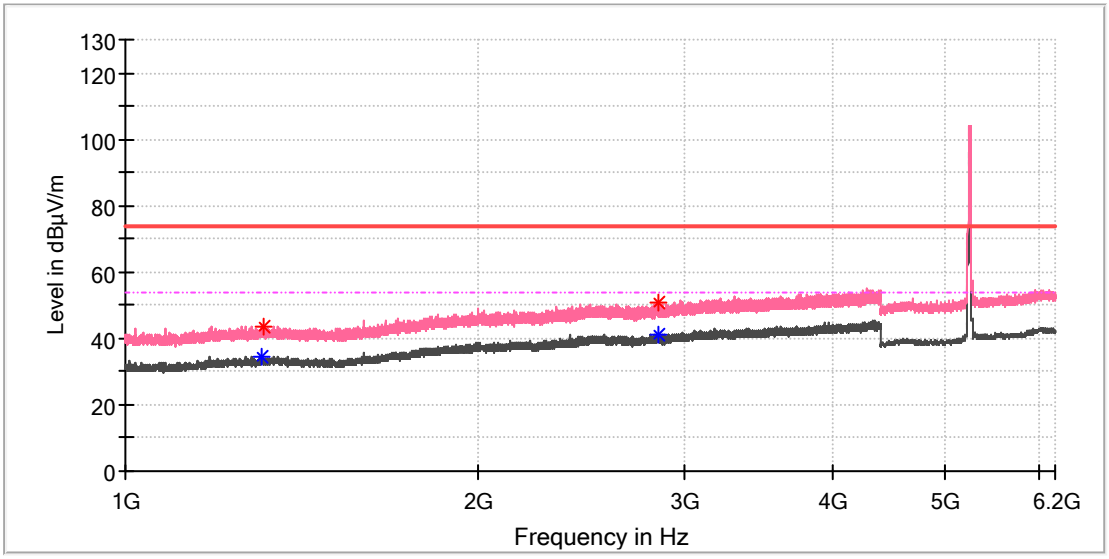
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1308.210000	---	34.34	54.00	19.66	100.0	V	337.0	2.0
1311.440000	43.72	---	74.00	30.28	100.0	V	96.0	2.0
2843.650000	---	41.01	54.00	12.99	100.0	V	230.0	8.1
2845.350000	50.60	---	74.00	23.40	100.0	V	0.0	8.1

Final_Result

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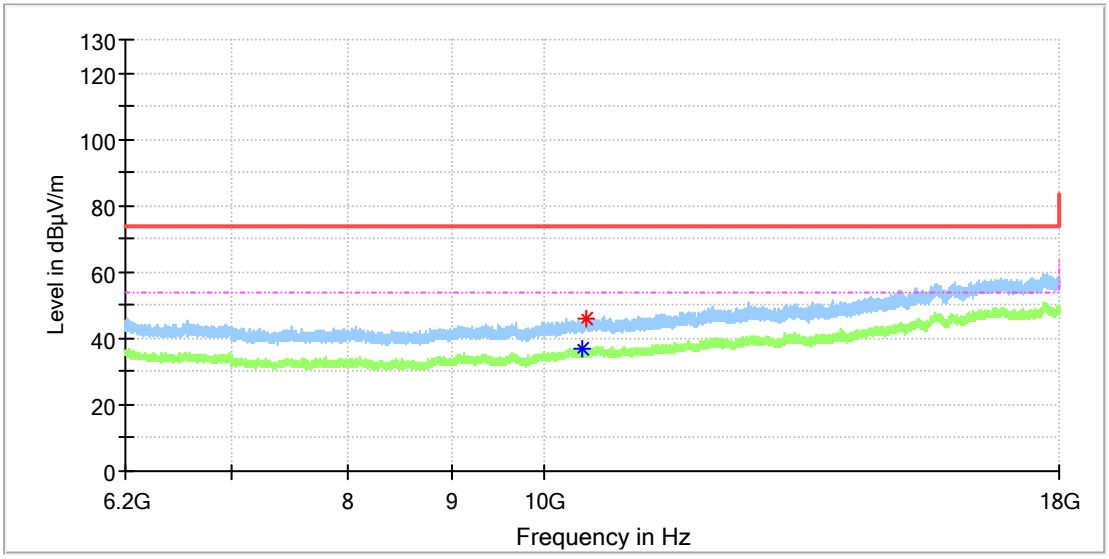
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch48
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

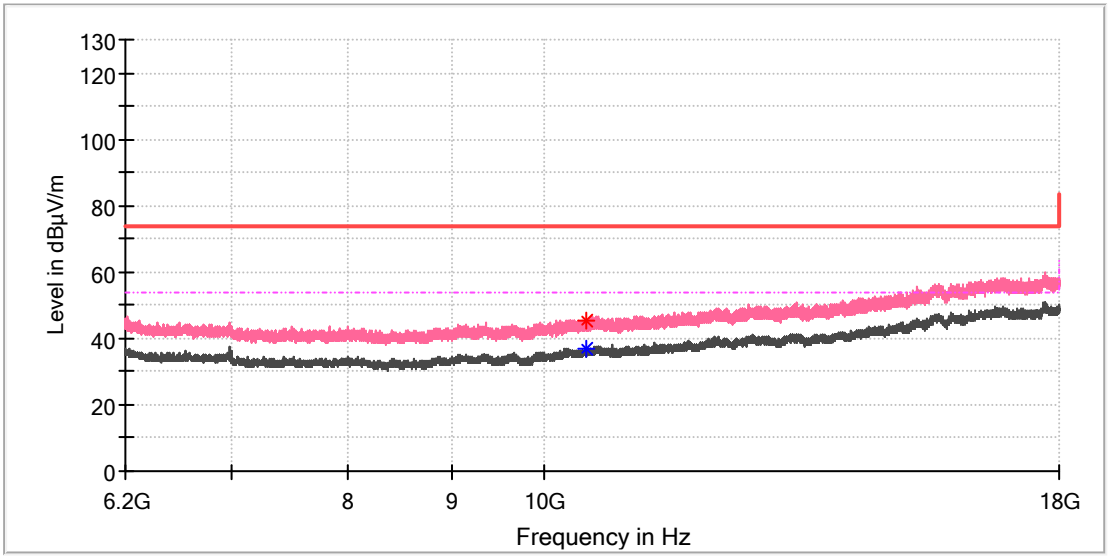
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10454.883333	---	36.69	54.00	17.31	100.0	H	38.0	12.0
10500.608333	45.78	---	74.00	28.22	100.0	H	87.0	12.0

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 5G_11a_Ch48
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

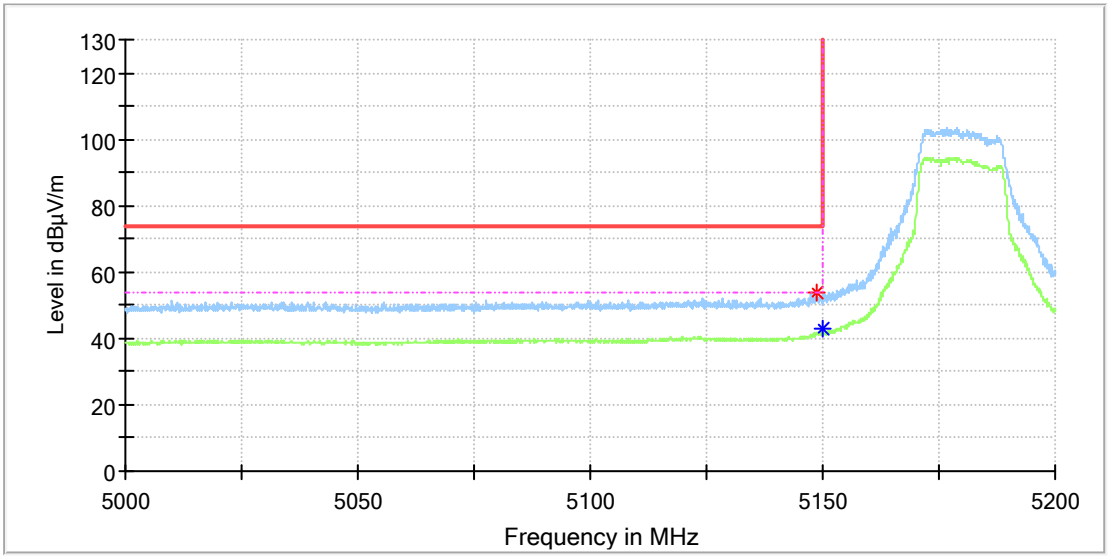
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10489.791667	45.41	---	74.00	28.59	100.0	V	350.0	12.0
10494.708333	---	36.83	54.00	17.17	100.0	V	63.0	12.0

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 5G_11n20_Ch36
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

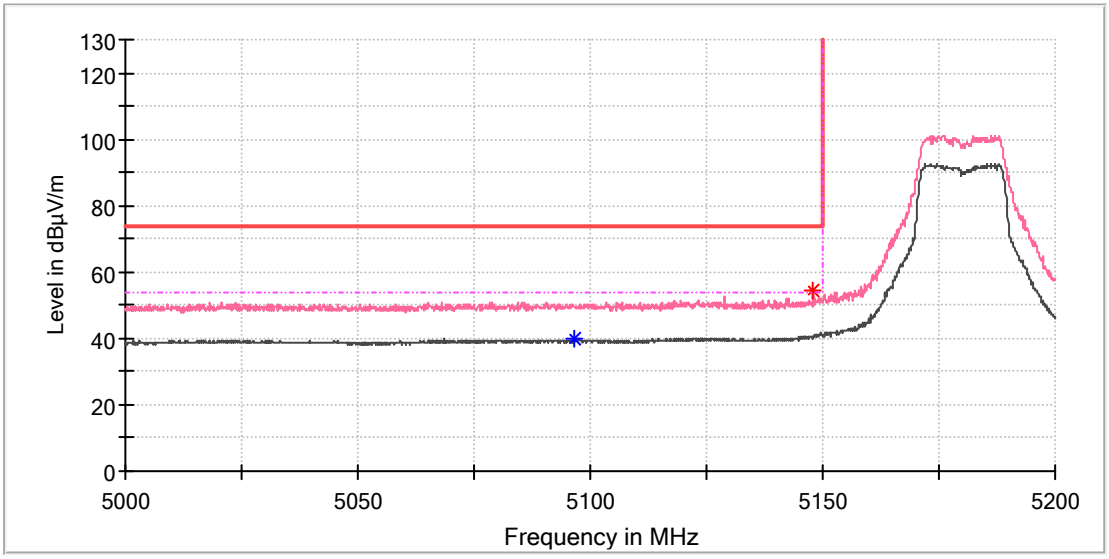
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5148.711111	53.94	---	74.00	20.06	100.0	H	78.0	12.4
5149.877778	---	42.76	54.00	11.24	100.0	H	120.0	12.4

Final_Result

Frequency (MHz)	Average (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 5G_11n20_Ch36
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

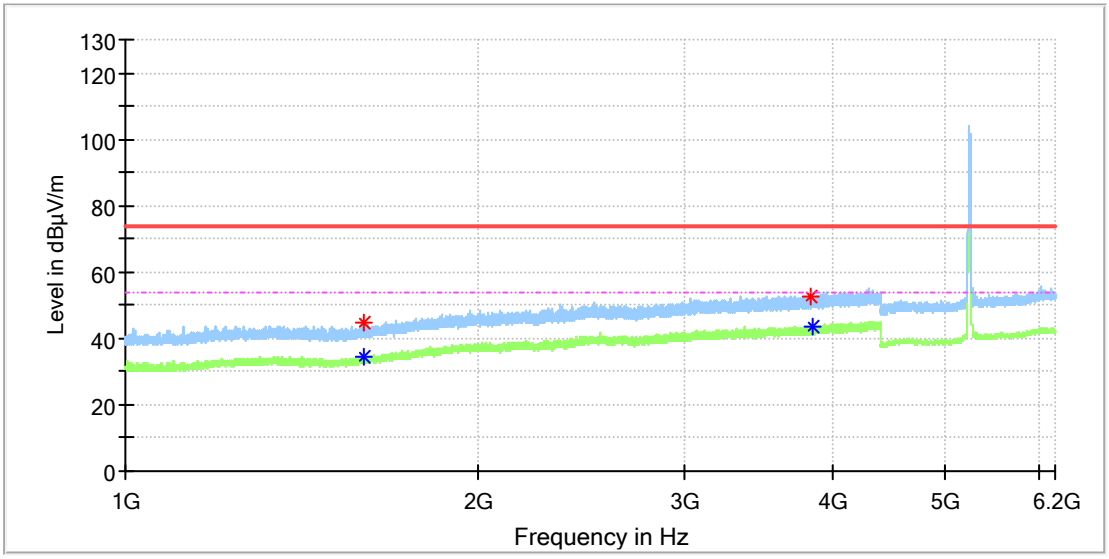
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5096.444445	---	39.85	54.00	14.15	100.0	V	306.0	12.2
5148.000000	54.19	---	74.00	19.81	100.0	V	18.0	12.4

Final_Result

Frequency (MHz)	Average (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 5G_11n20_Ch48
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

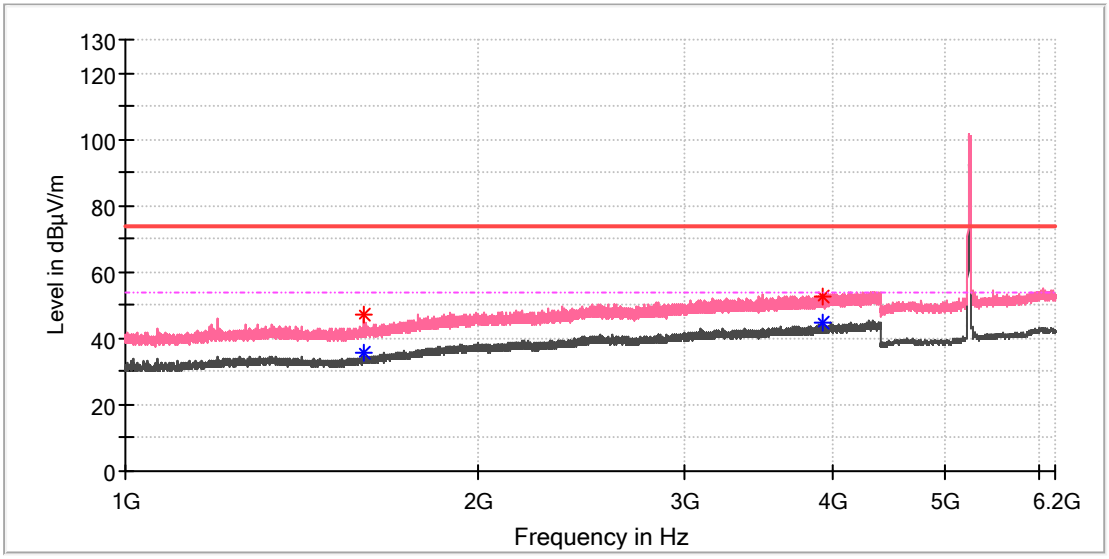
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1595.510000	44.46	---	74.00	29.54	100.0	H	196.0	2.0
1597.720000	---	34.70	54.00	19.30	100.0	H	240.0	2.1
3834.240000	52.75	---	74.00	21.25	100.0	H	303.0	9.9
3851.240000	---	43.51	54.00	10.49	100.0	H	206.0	9.9

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 5G_11n20_Ch48
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1593.980000	---	35.85	54.00	18.15	100.0	V	306.0	2.0
1593.980000	47.39	---	74.00	26.61	100.0	V	306.0	2.0
3924.850000	52.90	---	74.00	21.10	100.0	V	196.0	10.1
3928.930000	---	44.72	54.00	9.28	100.0	V	350.0	10.1

Final_Result

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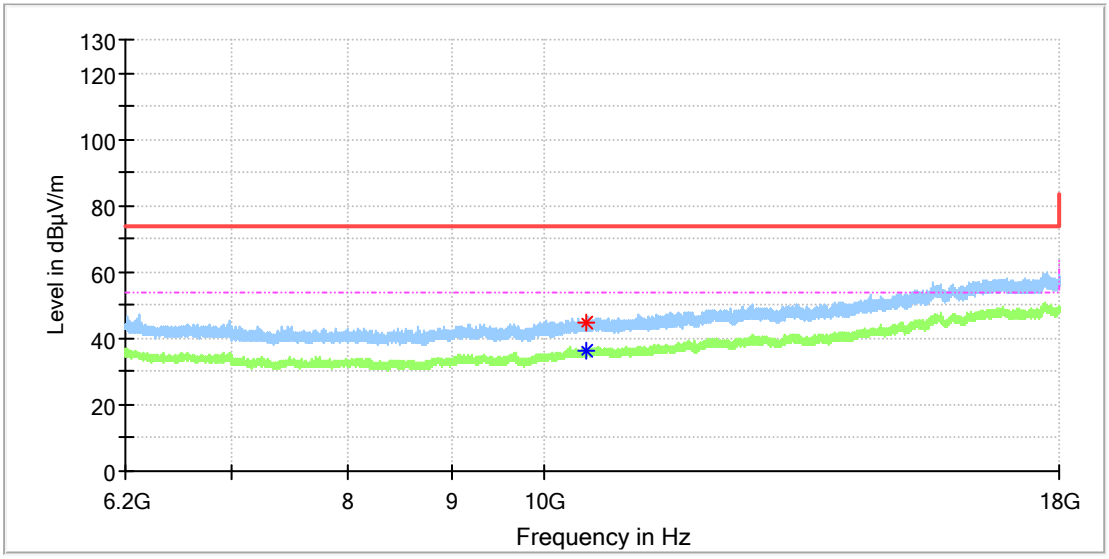
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch48
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

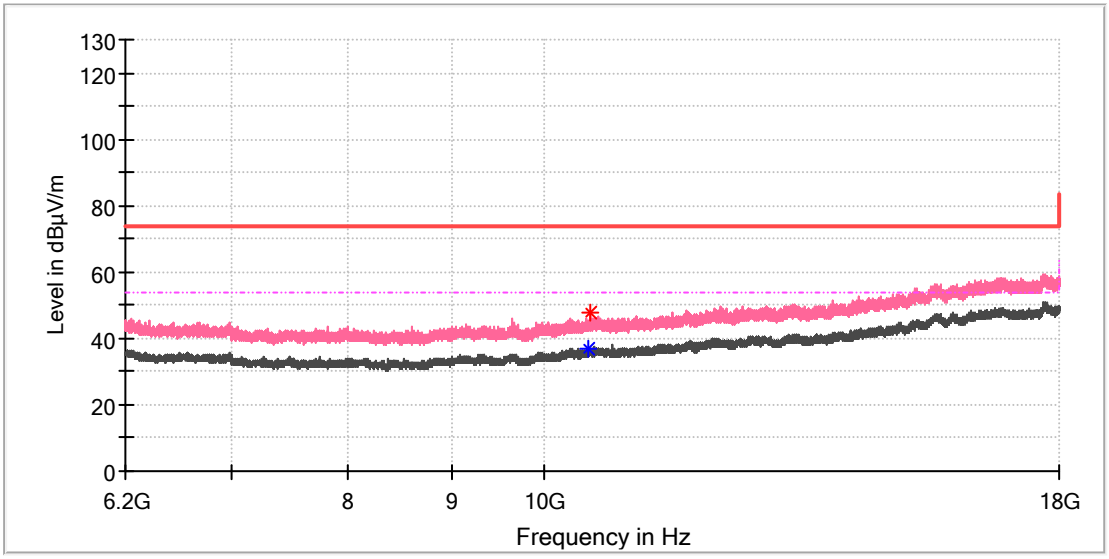
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10484.383333	---	36.32	54.00	17.68	100.0	H	185.0	12.0
10485.858333	45.03	---	74.00	28.97	100.0	H	233.0	12.0

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 5G_11n20_Ch48
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10507.983333	---	36.66	54.00	17.34	100.0	V	7.0	12.0
10536.008333	47.67	---	74.00	26.33	100.0	V	69.0	12.0

Final_Result

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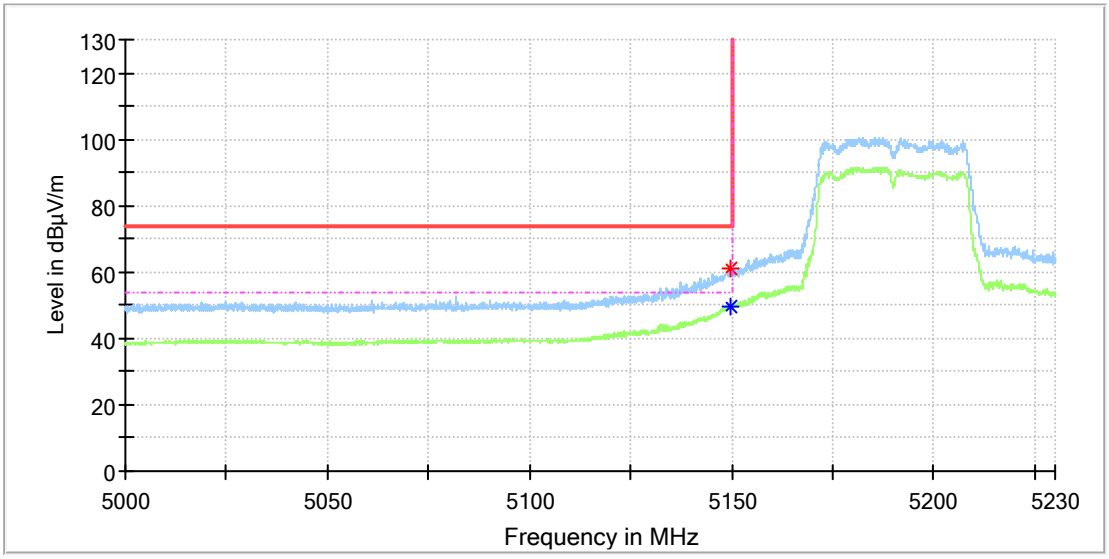
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch38
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5149.722222	61.25	---	74.00	12.75	100.0	H	128.0	12.4
5149.722222	---	49.65	54.00	4.35	100.0	H	128.0	12.4

Final_Result

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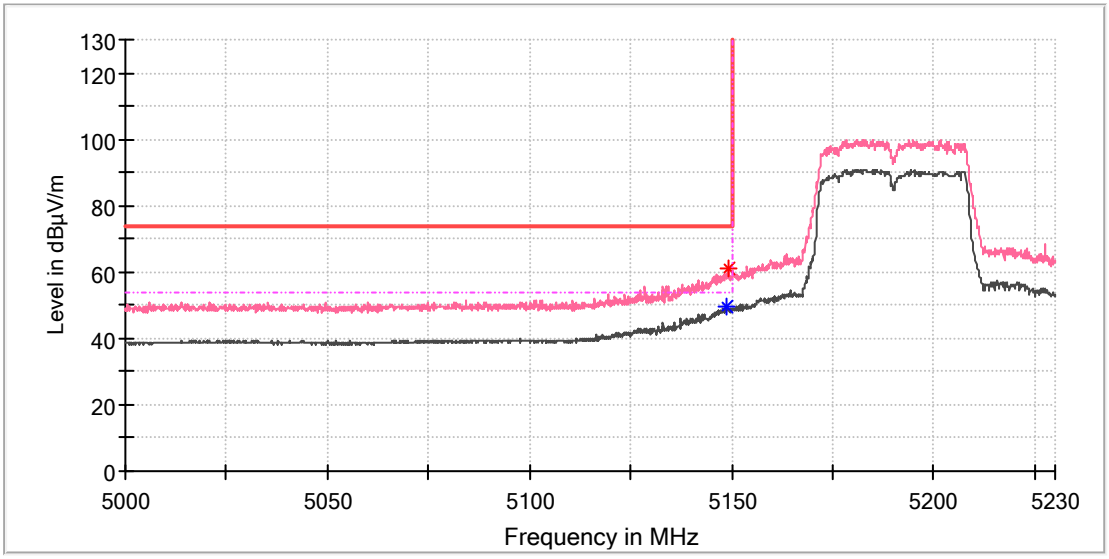
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch38
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5148.777778	---	49.37	54.00	4.63	100.0	V	159.0	12.4
5149.111111	60.80	---	74.00	13.20	100.0	V	166.0	12.4

Final_Result

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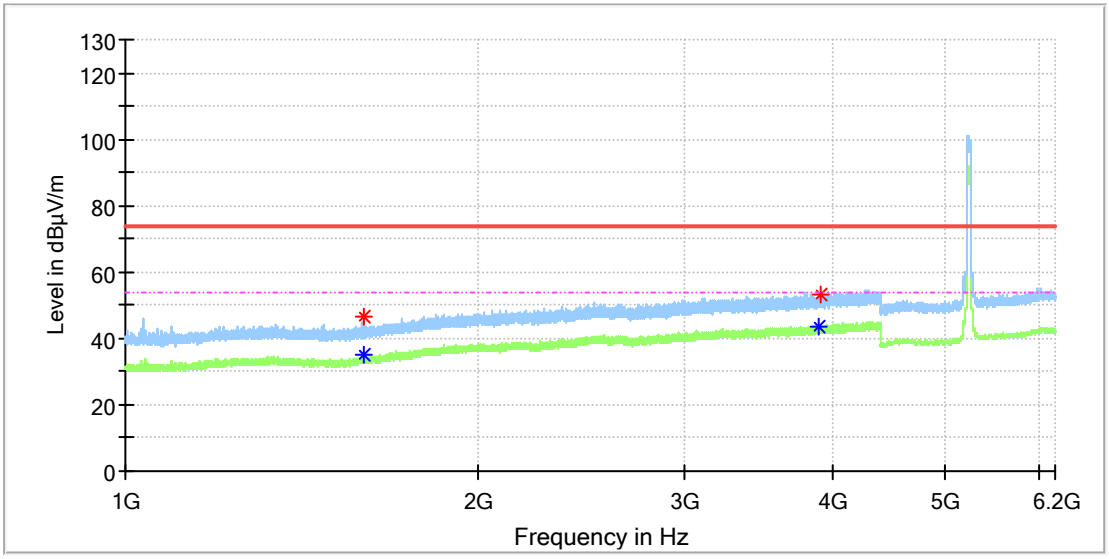
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch46
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1599.420000	46.44	---	74.00	27.56	100.0	H	331.0	2.1
1599.420000	---	35.36	54.00	18.64	100.0	H	331.0	2.1
3895.440000	---	43.82	54.00	10.18	100.0	H	210.0	10.1
3916.690000	53.02	---	74.00	20.98	100.0	H	296.0	10.1

Final_Result

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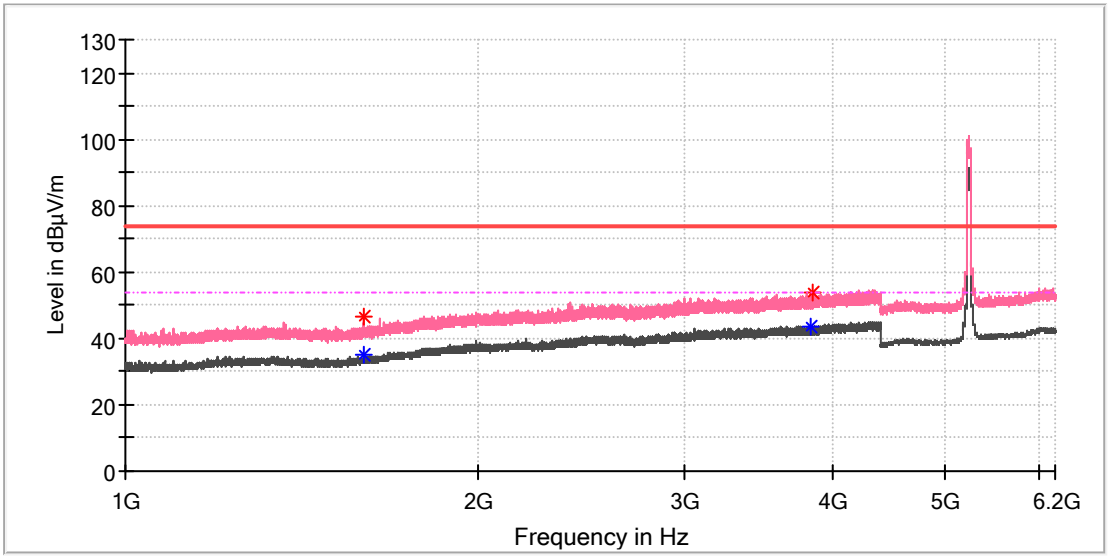
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch46
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1597.040000	---	34.79	54.00	19.21	100.0	V	253.0	2.1
1597.040000	46.70	---	74.00	27.30	100.0	V	253.0	2.1
3829.990000	---	43.34	54.00	10.66	100.0	V	74.0	9.9
3856.510000	53.68	---	74.00	20.32	100.0	V	264.0	9.9

Final_Result

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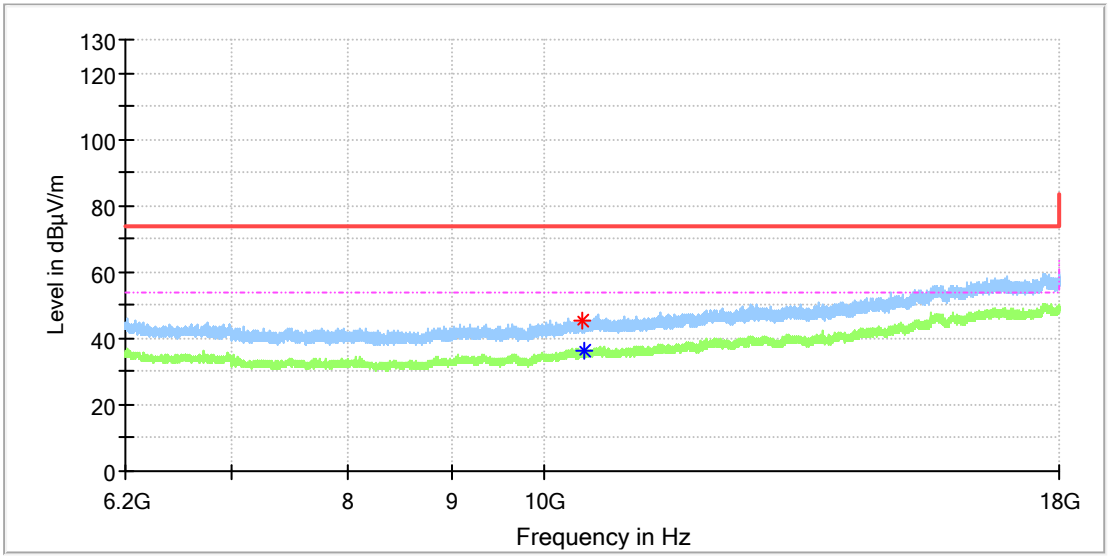
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch46
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

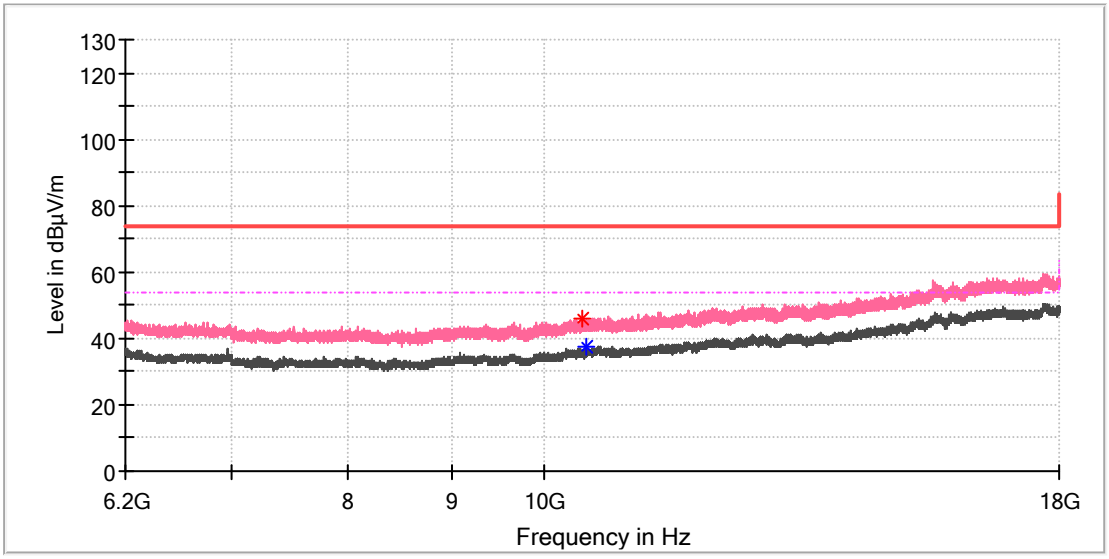
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10450.950000	45.34	---	74.00	28.66	100.0	H	55.0	11.9
10470.616667	---	36.35	54.00	17.65	100.0	H	190.0	12.0

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 5G_11n40_Ch46
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10448.000000	45.94	---	74.00	28.06	100.0	V	223.0	11.9
10488.316667	---	37.36	54.00	16.64	100.0	V	310.0	12.0

Final_Result

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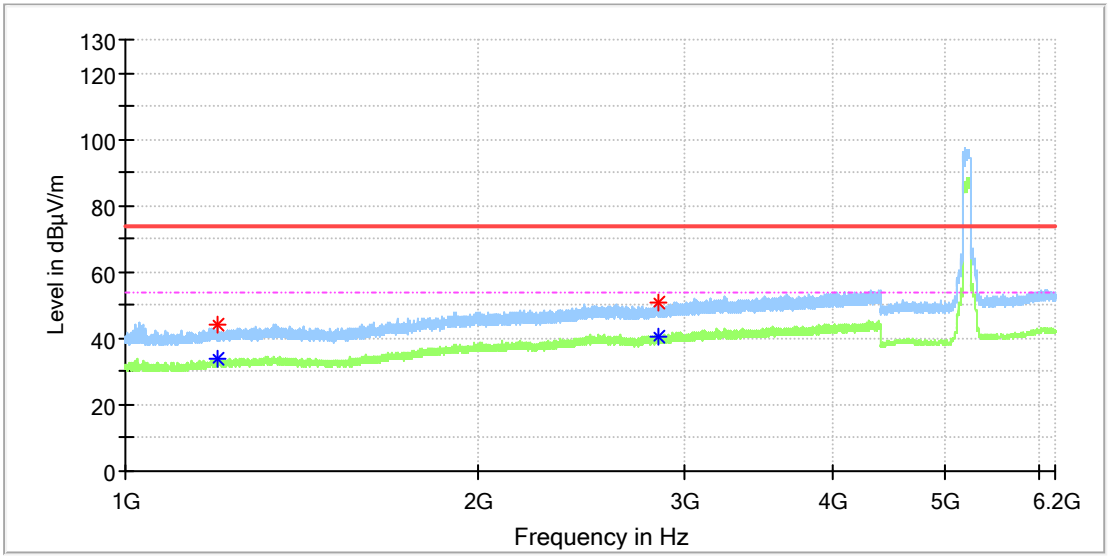
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1196.520000	44.27	---	74.00	29.73	100.0	H	286.0	1.1
1198.560000	---	33.63	54.00	20.37	100.0	H	286.0	1.1
2841.950000	---	40.71	54.00	13.29	100.0	H	342.0	8.1
2842.800000	50.87	---	74.00	23.13	100.0	H	275.0	8.1

Final_Result

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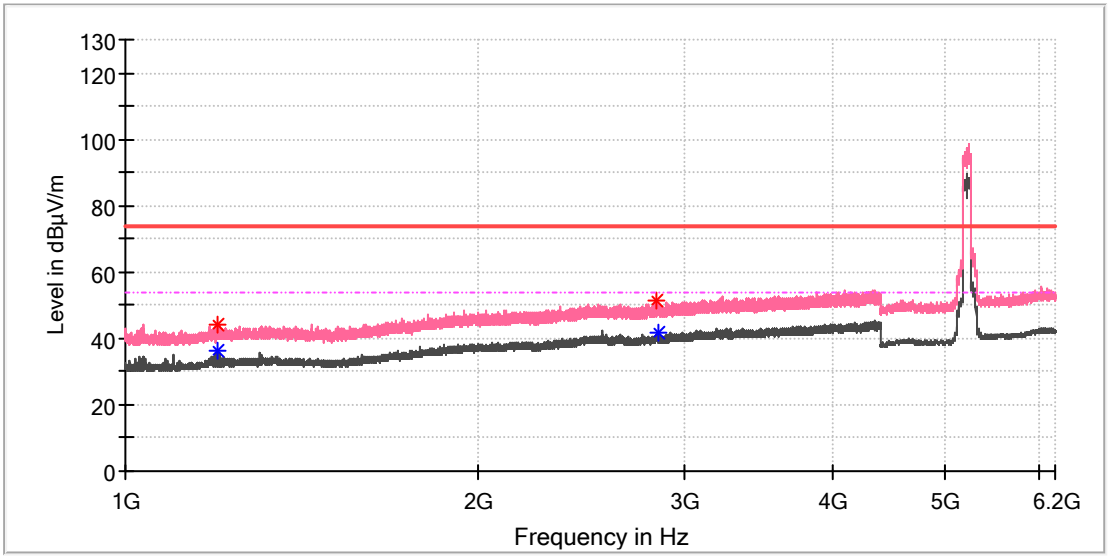
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

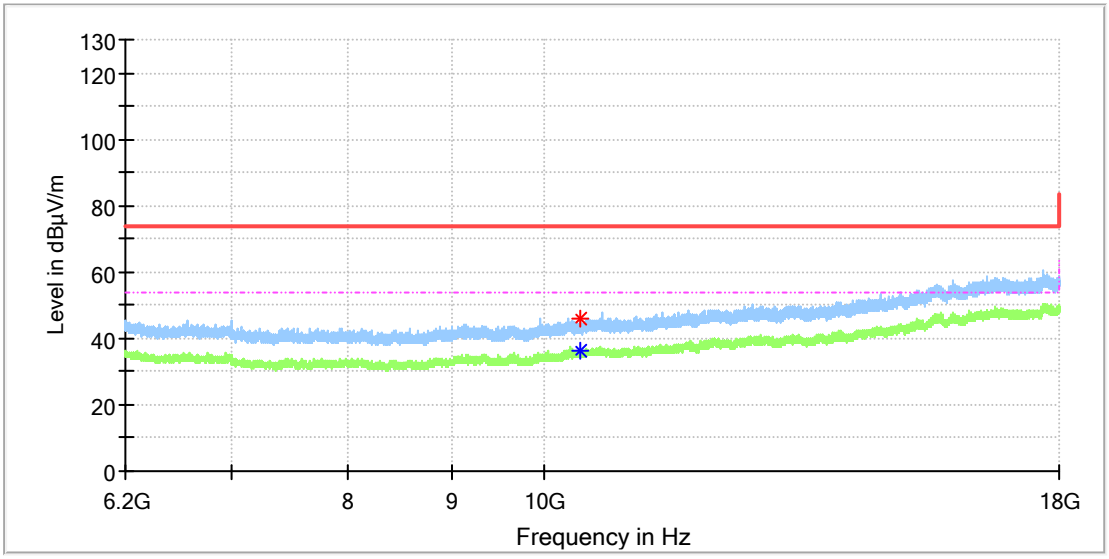
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1196.350000	43.96	---	74.00	30.04	100.0	V	88.0	1.1
1196.350000	---	36.43	54.00	17.57	100.0	V	88.0	1.1
2838.550000	51.16	---	74.00	22.84	100.0	V	98.0	8.1
2845.690000	---	41.58	54.00	12.42	100.0	V	0.0	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 5G_11ac80_Ch42
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10412.108333	45.69	---	74.00	28.31	100.0	H	245.0	11.9
10423.908333	---	36.40	54.00	17.60	100.0	H	344.0	11.9

Final_Result

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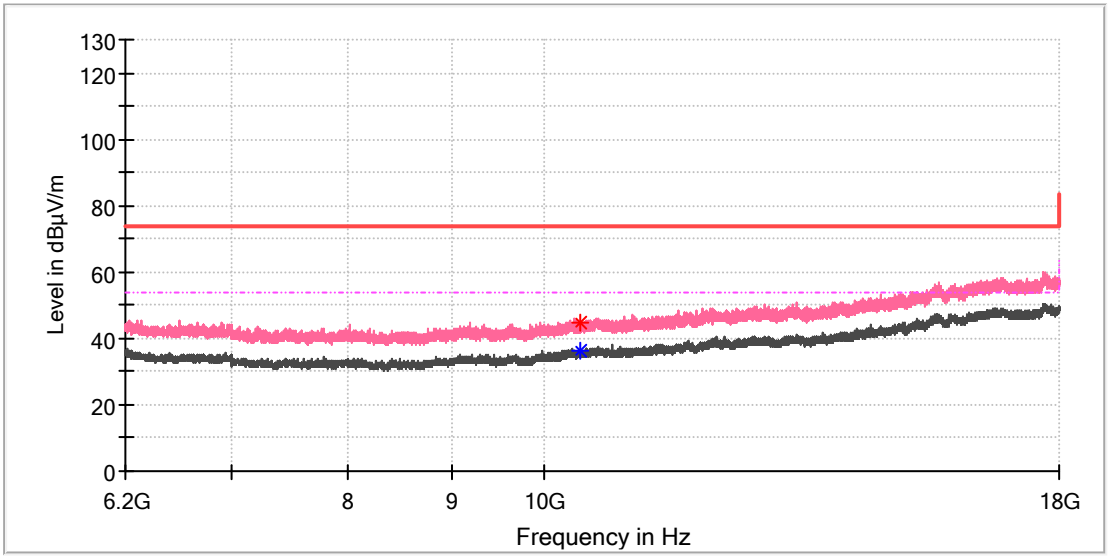
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10423.416667	44.53	---	74.00	29.47	100.0	V	354.0	11.9
10431.775000	---	36.10	54.00	17.90	100.0	V	35.0	11.9

Final_Result

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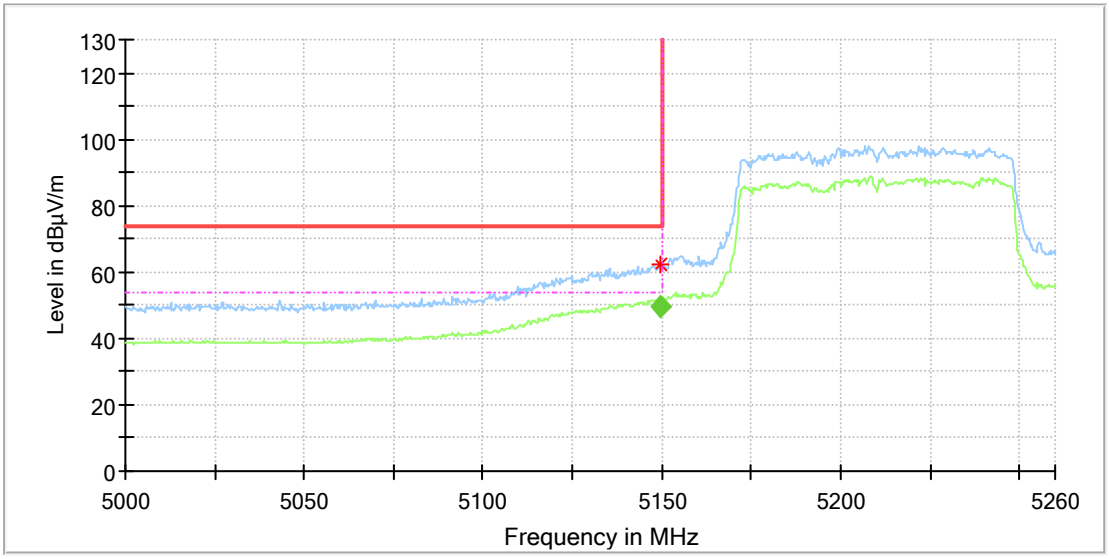
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

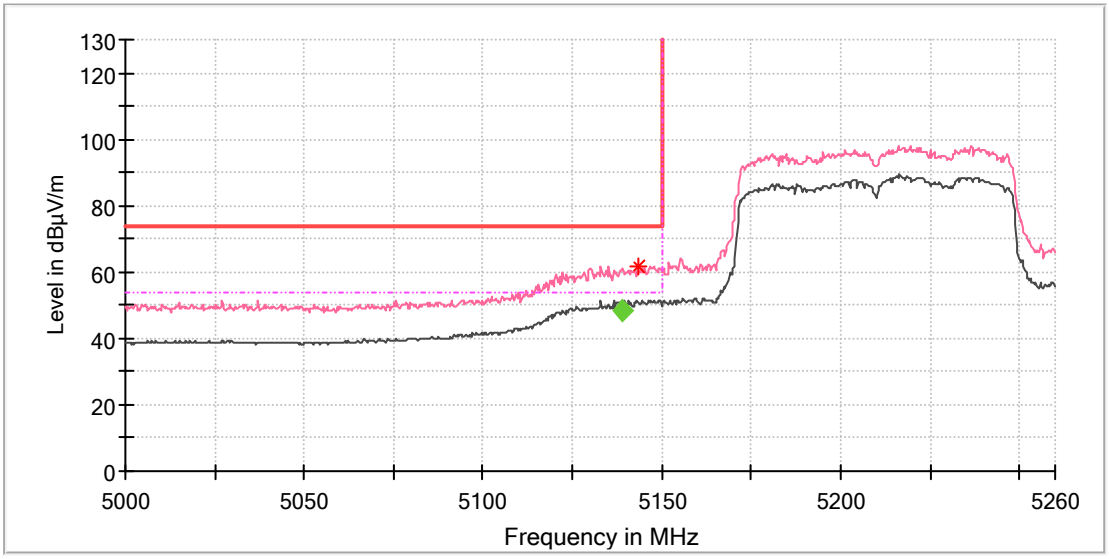
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.627778	62.03	---	74.00	11.97	100.0	H	131.0	12.4

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5149.372222	49.55	54.00	4.45	100.0	H	81.0	12.4

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch42
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5143.400000	61.73	---	74.00	12.27	100.0	V	20.0	12.4

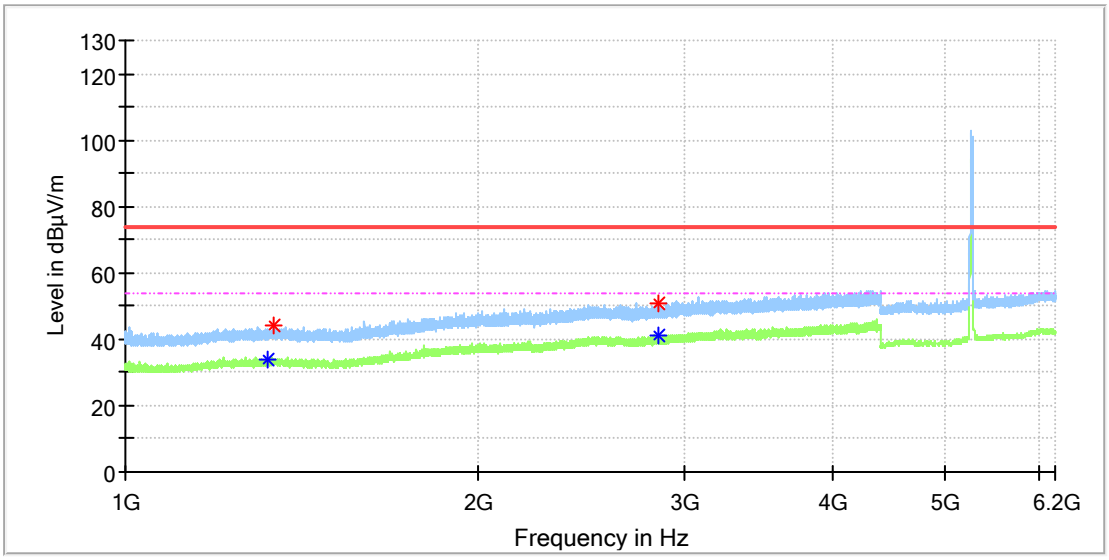
Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5138.766667	48.29	54.00	5.71	100.0	V	11.0	12.4

U-NII-2A Band

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch52
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1319.940000	---	33.88	54.00	20.12	100.0	H	347.0	2.0
1339.490000	44.04	---	74.00	29.96	100.0	H	60.0	2.1
2840.930000	---	41.25	54.00	12.75	100.0	H	357.0	8.1
2844.330000	50.73	---	74.00	23.27	100.0	H	0.0	8.1

Final_Result

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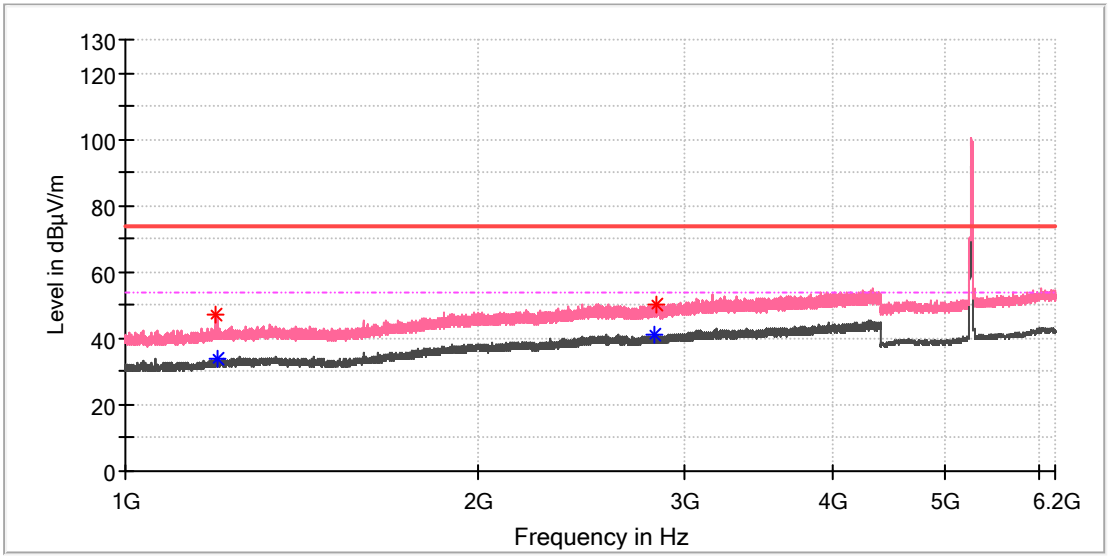
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch52
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

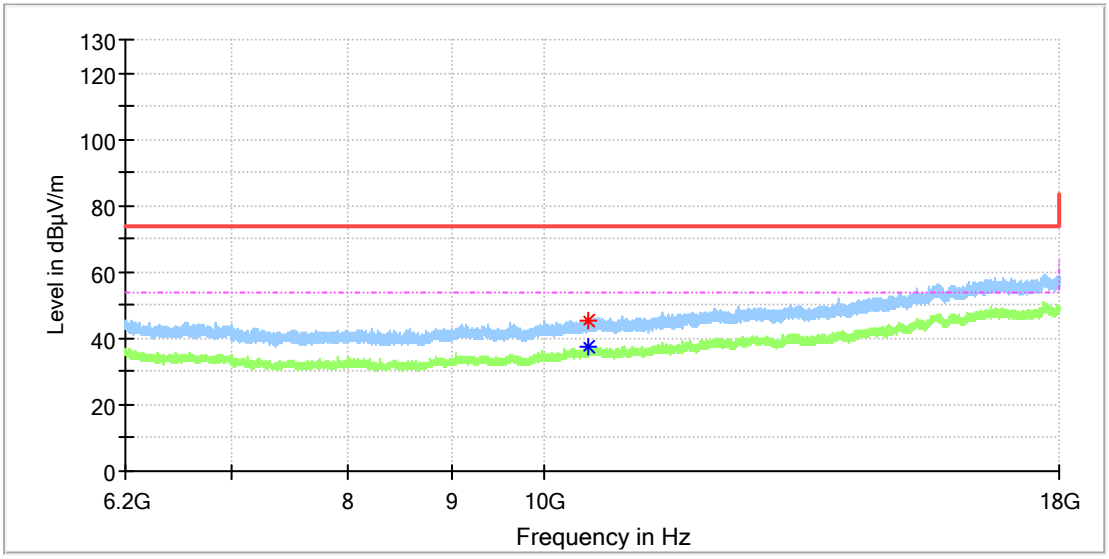
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
1195.670000	47.45	---	74.00	26.55	100.0	V	97.0	1.1
1198.560000	---	33.89	54.00	20.11	100.0	V	349.0	1.1
2822.230000	---	41.32	54.00	12.68	100.0	V	186.0	8.1
2833.960000	50.25	---	74.00	23.75	100.0	V	328.0	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 5G_11a_Ch52
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

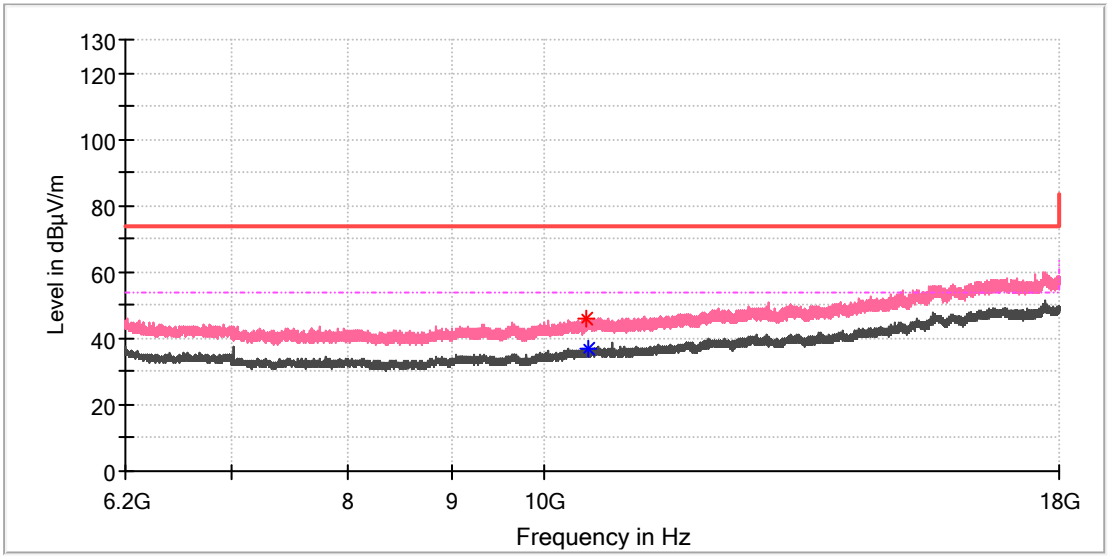
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
10509.950000	---	37.28	54.00	16.72	100.0	H	0.0	12.0
10519.291667	45.52	---	74.00	28.48	100.0	H	158.0	12.0

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 5G_11a_Ch52
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10493.233333	45.77	---	74.00	28.23	100.0	V	323.0	12.0
10516.833333	---	37.13	54.00	16.87	100.0	V	253.0	12.0

Final_Result

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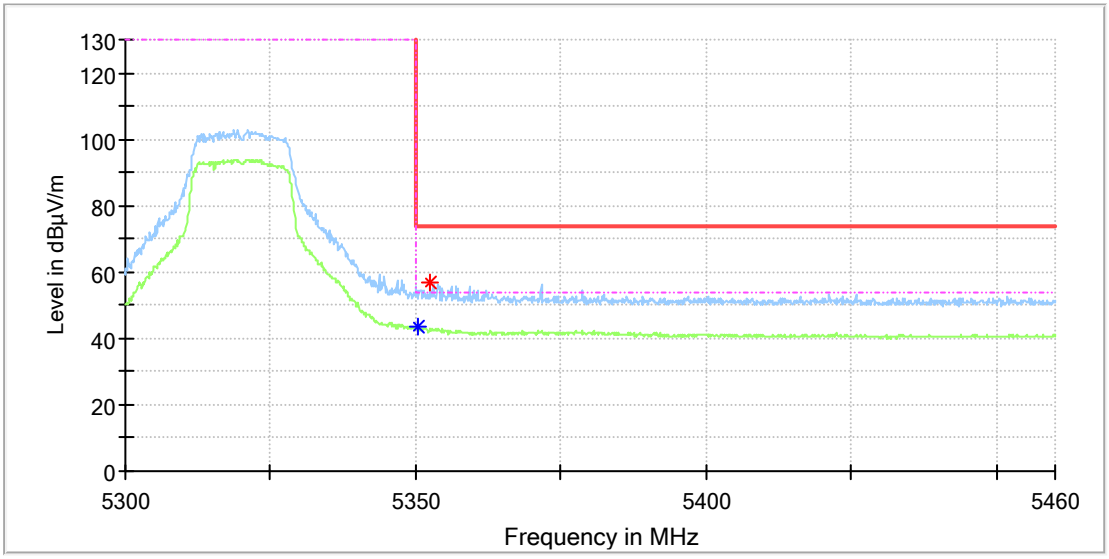
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch64
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5350.238889	---	43.39	54.00	10.61	100.0	H	1.0	13.3
5352.411111	56.95	---	74.00	17.05	100.0	H	1.0	13.3

Final_Result

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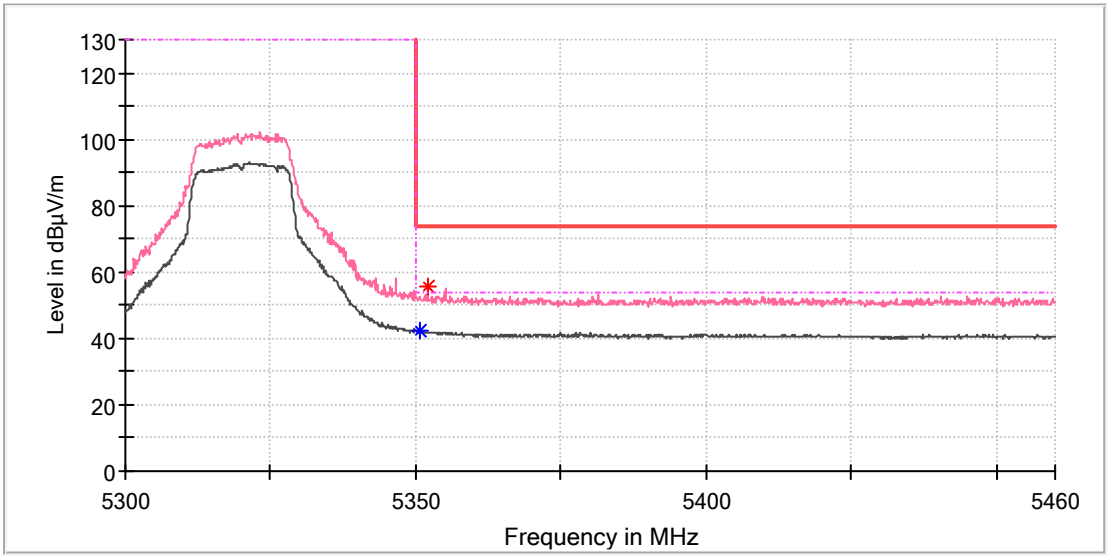
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch64
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5350.622222	---	42.57	54.00	11.43	100.0	V	213.0	13.3
5352.027778	55.83	---	74.00	18.17	100.0	V	330.0	13.3

Final_Result

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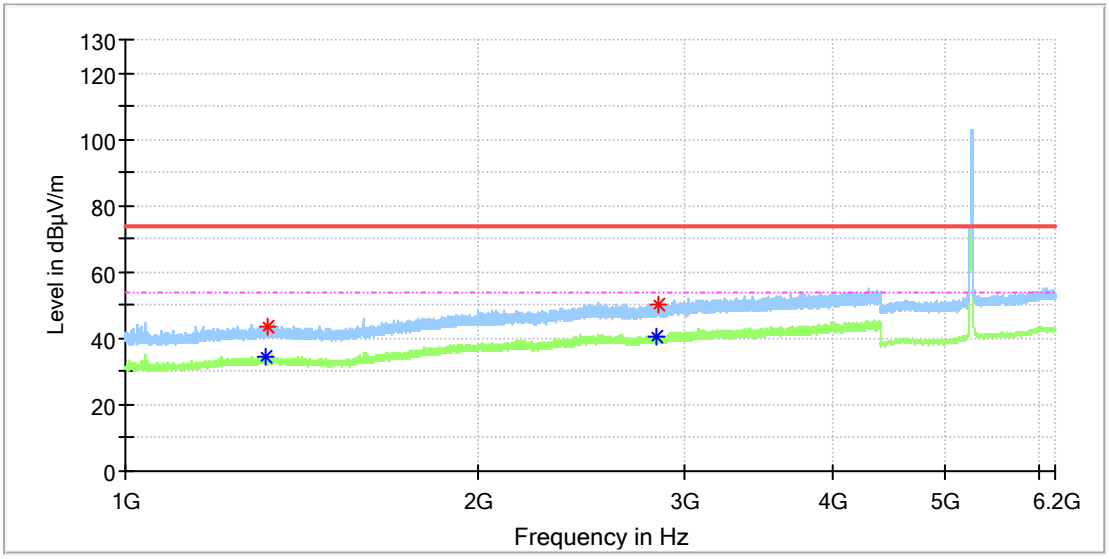
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch52
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1314.670000	---	34.30	54.00	19.70	100.0	H	132.0	2.0
1320.280000	43.79	---	74.00	30.21	100.0	H	55.0	2.0
2832.600000	---	40.78	54.00	13.22	100.0	H	0.0	8.1
2842.970000	50.19	---	74.00	23.81	100.0	H	287.0	8.1

Final_Result

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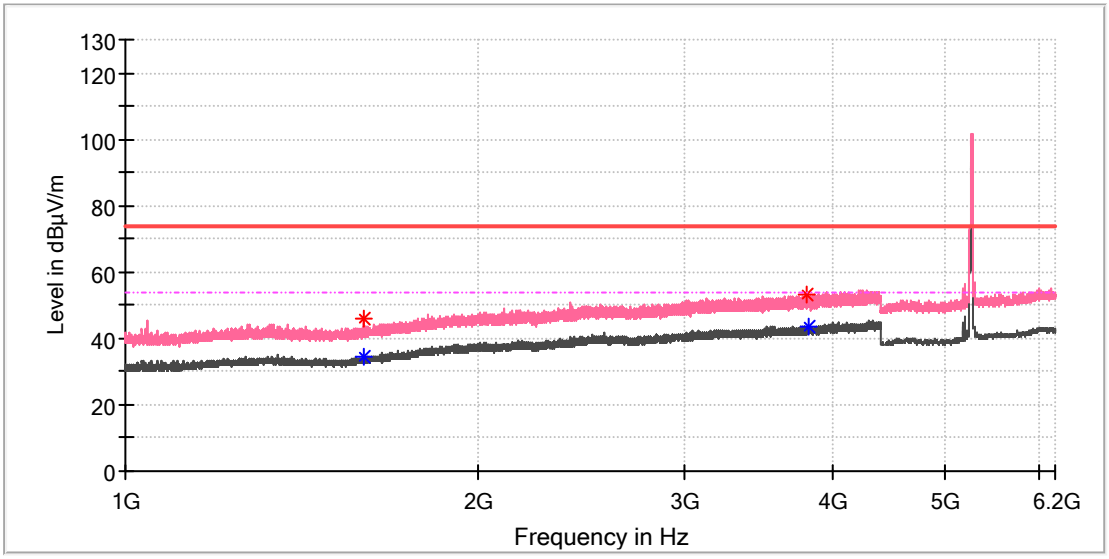
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch52
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1595.340000	---	34.55	54.00	19.45	100.0	V	334.0	2.0
1598.570000	46.18	---	74.00	27.82	100.0	V	246.0	2.1
3811.290000	53.00	---	74.00	21.00	100.0	V	269.0	9.8
3824.720000	---	43.66	54.00	10.34	100.0	V	181.0	9.9

Final_Result

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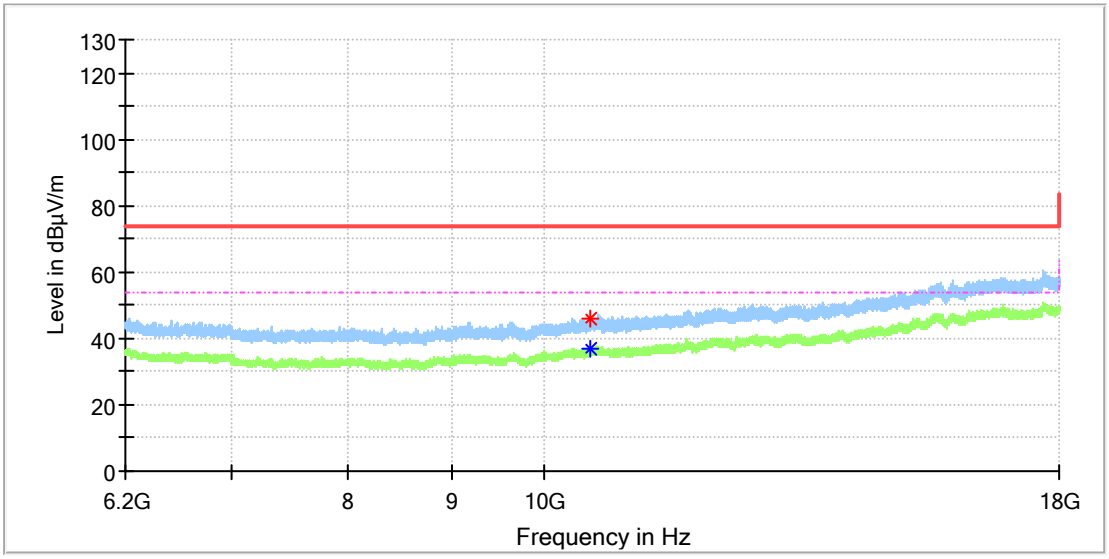
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch52
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10529.125000	---	37.00	54.00	17.00	100.0	H	348.0	12.0
10533.550000	45.84	---	74.00	28.16	100.0	H	301.0	12.0

Final_Result

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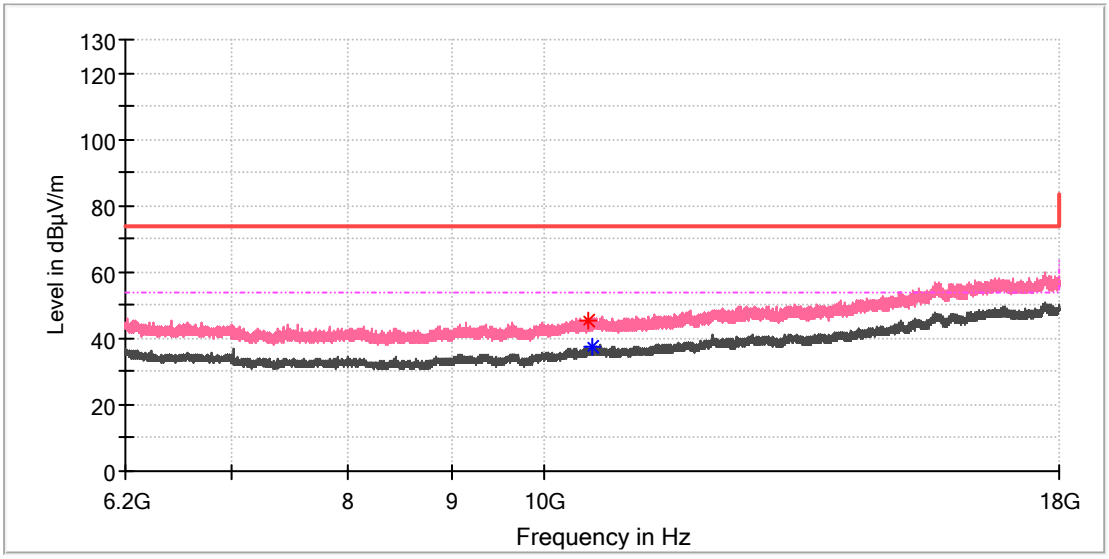
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch52
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10517.816667	45.64	---	74.00	28.36	100.0	V	341.0	12.0
10559.608333	---	37.37	54.00	16.63	100.0	V	65.0	12.0

Final_Result

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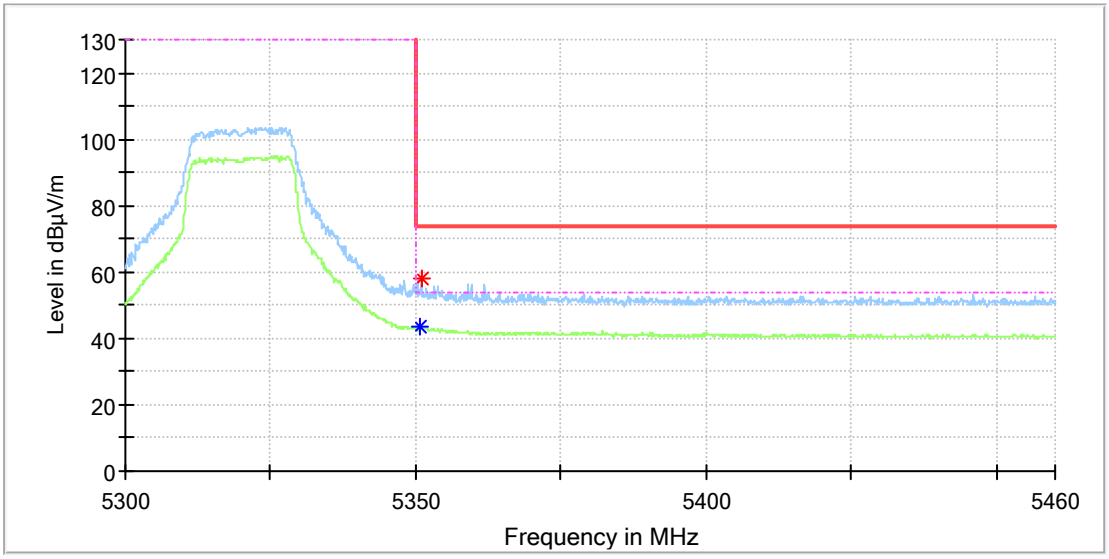
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch64
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5350.750000	---	43.41	54.00	10.59	100.0	H	0.0	13.3
5350.877778	57.81	---	74.00	16.19	100.0	H	0.0	13.3

Final_Result

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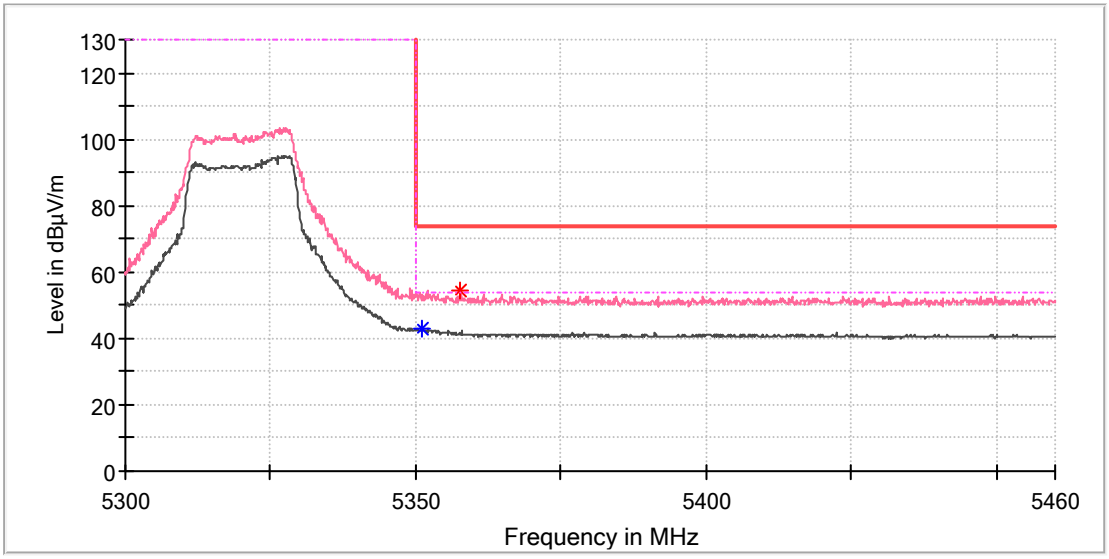
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch64
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5351.133333	---	43.02	54.00	10.98	100.0	V	219.0	13.3
5357.650000	54.70	---	74.00	19.30	100.0	V	75.0	13.3

Final_Result

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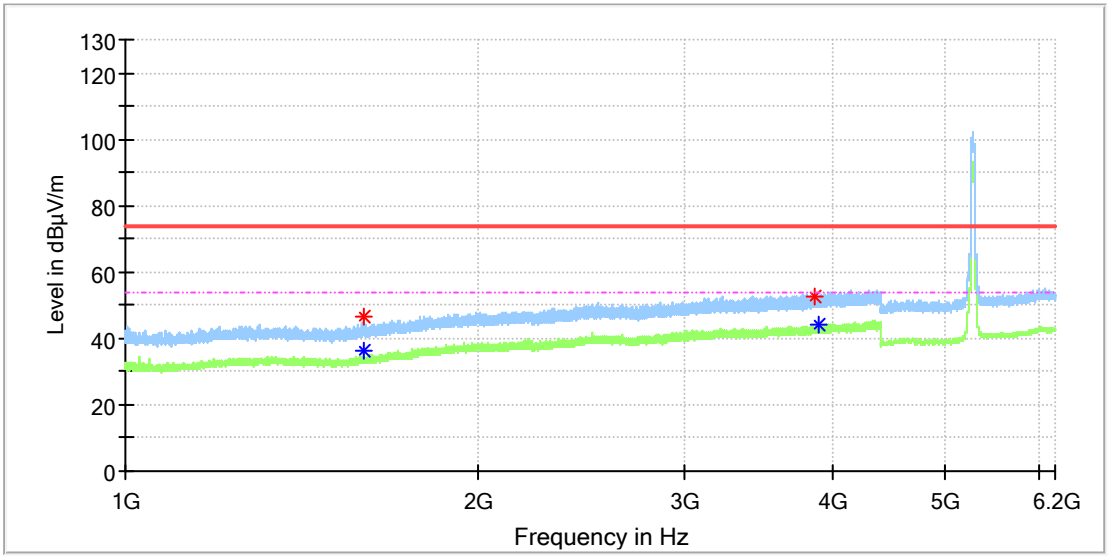
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch54
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1599.080000	46.34	---	74.00	27.66	100.0	H	212.0	2.1
1599.080000	---	36.32	54.00	17.68	100.0	H	212.0	2.1
3865.690000	52.46	---	74.00	21.54	100.0	H	120.0	10.0
3895.100000	---	43.92	54.00	10.08	100.0	H	323.0	10.1

Final_Result

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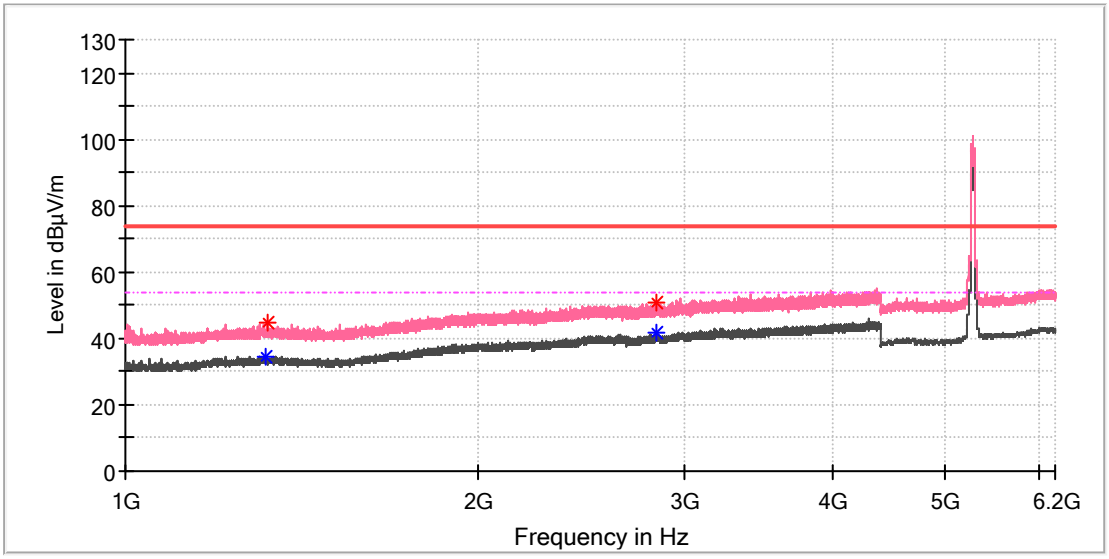
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch54
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1318.750000	---	34.60	54.00	19.40	100.0	V	285.0	2.0
1319.600000	44.66	---	74.00	29.34	100.0	V	0.0	2.0
2830.220000	50.50	---	74.00	23.50	100.0	V	307.0	8.1
2837.870000	---	41.48	54.00	12.52	100.0	V	208.0	8.1

Final_Result

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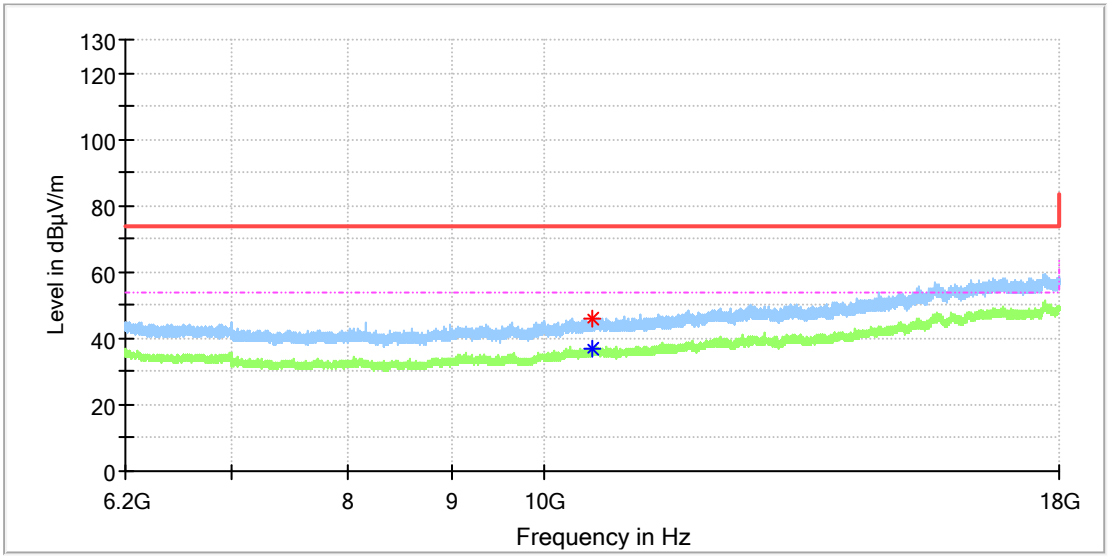
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch54
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10557.150000	---	37.11	54.00	16.89	100.0	H	27.0	12.0
10561.575000	45.76	---	74.00	28.24	100.0	H	230.0	12.0

Final_Result

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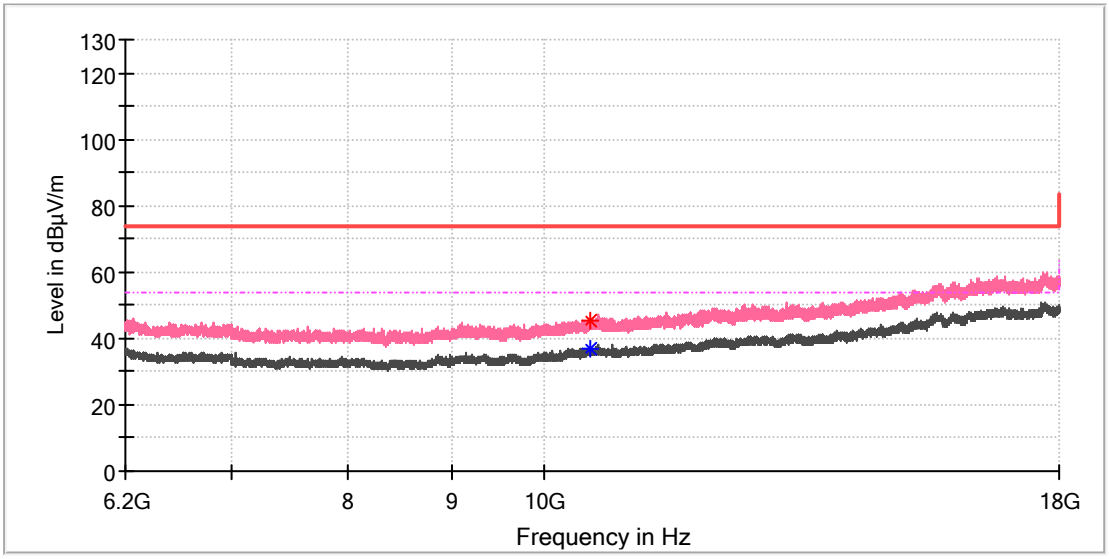
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch54
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10538.466667	45.62	---	74.00	28.38	100.0	V	245.0	12.0
10540.925000	---	36.94	54.00	17.06	100.0	V	306.0	12.0

Final_Result

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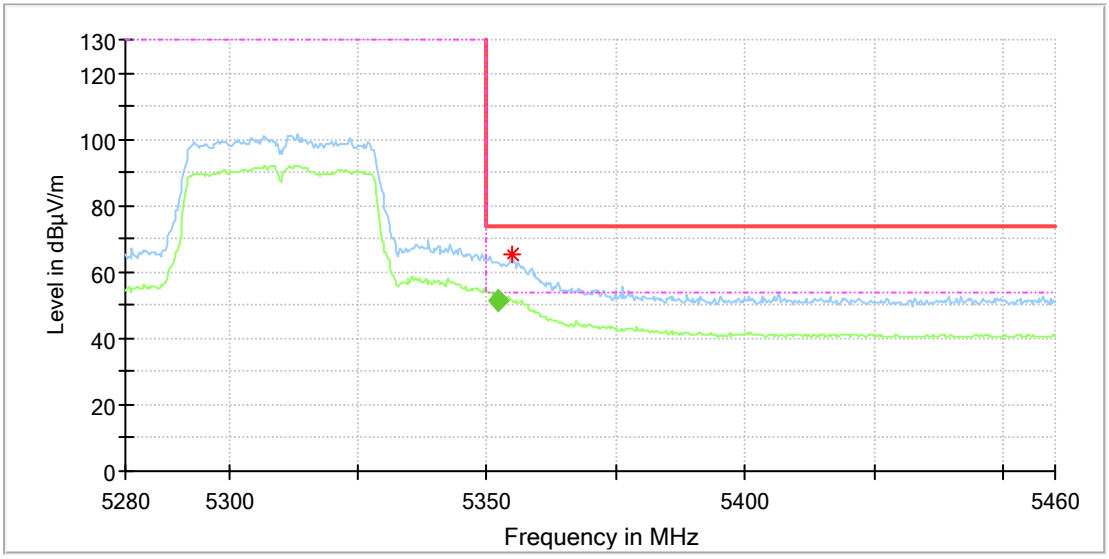
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch62
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

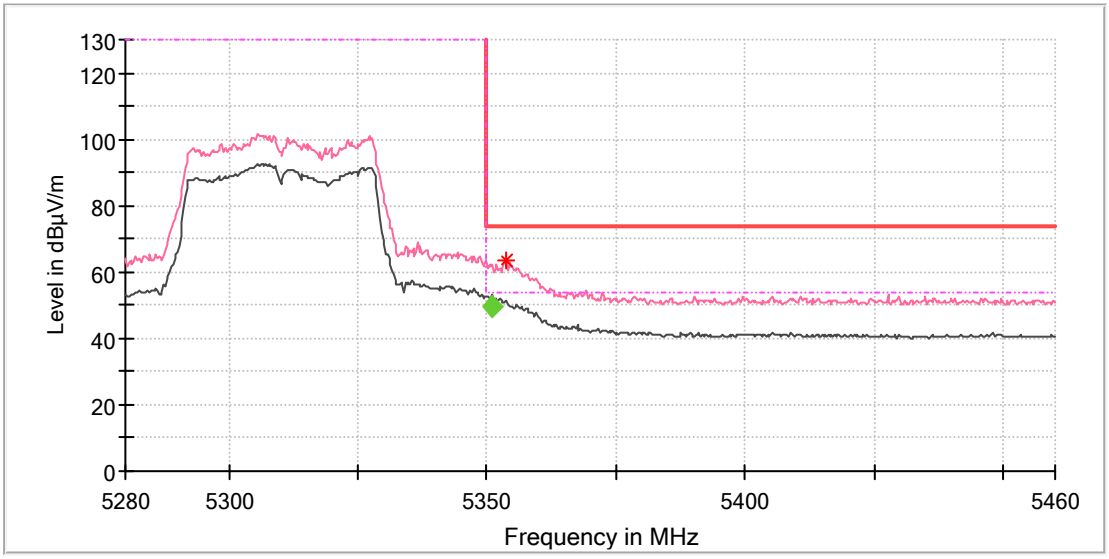
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5354.883333	65.17	---	74.00	8.83	100.0	H	8.0	13.3

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5352.194444	51.56	54.00	2.44	105.0	H	3.0	13.3

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch62
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

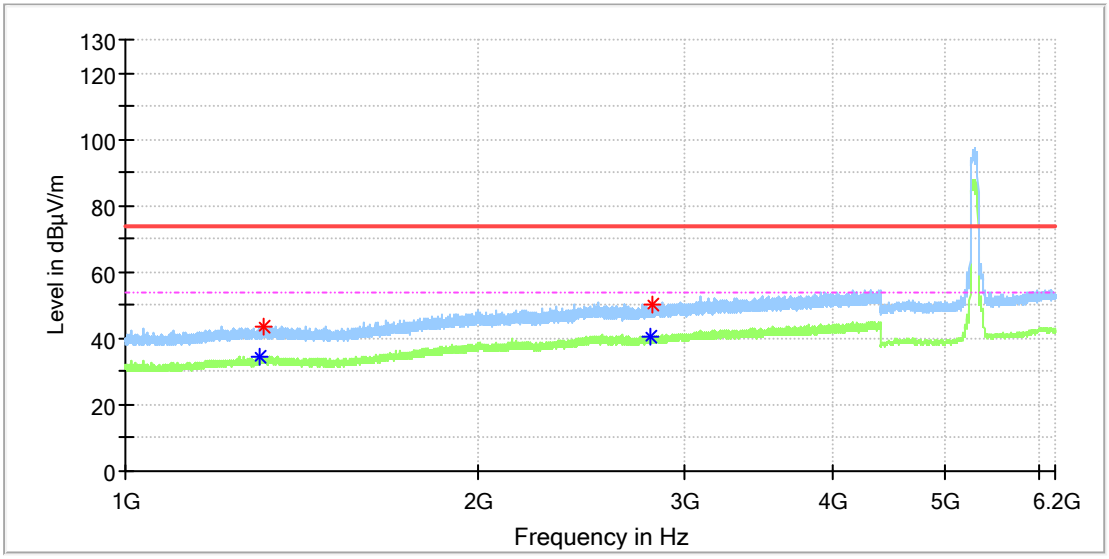
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5353.705556	63.47	---	74.00	10.53	100.0	V	332.0	13.3

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5351.072223	49.34	54.00	4.66	100.0	V	218.0	13.3

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch58
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1301.070000	---	34.76	54.00	19.24	100.0	H	121.0	1.9
1313.310000	43.72	---	74.00	30.28	100.0	H	0.0	2.0
2804.210000	---	40.55	54.00	13.45	100.0	H	29.0	8.0
2807.950000	50.21	---	74.00	23.79	100.0	H	309.0	8.0

Final_Result

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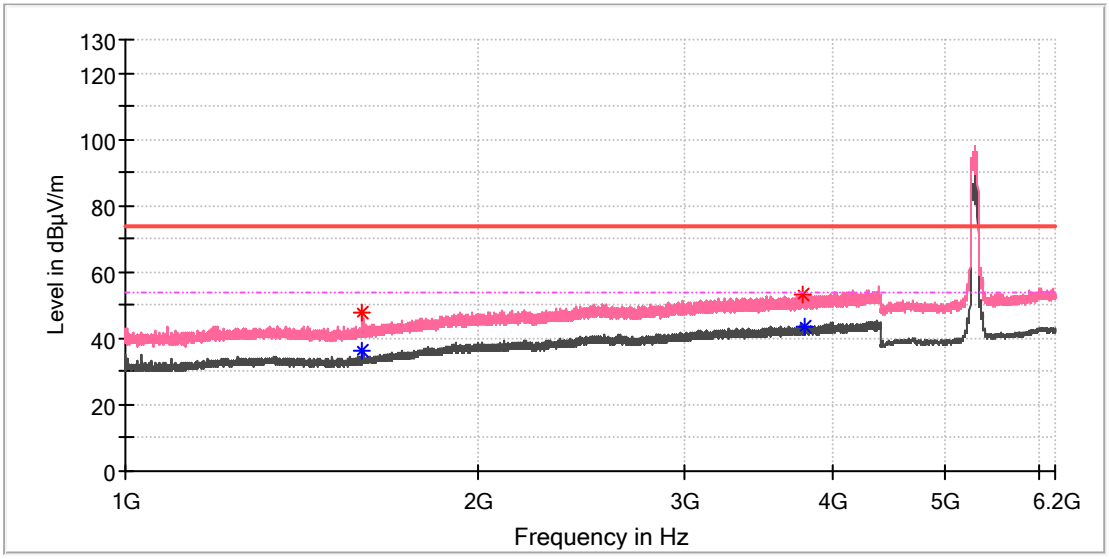
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch58
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1593.470000	---	36.15	54.00	17.85	100.0	V	317.0	2.0
1593.470000	47.99	---	74.00	26.01	100.0	V	317.0	2.0
3777.120000	53.17	---	74.00	20.83	100.0	V	265.0	9.7
3786.980000	---	43.31	54.00	10.69	100.0	V	163.0	9.8

Final_Result

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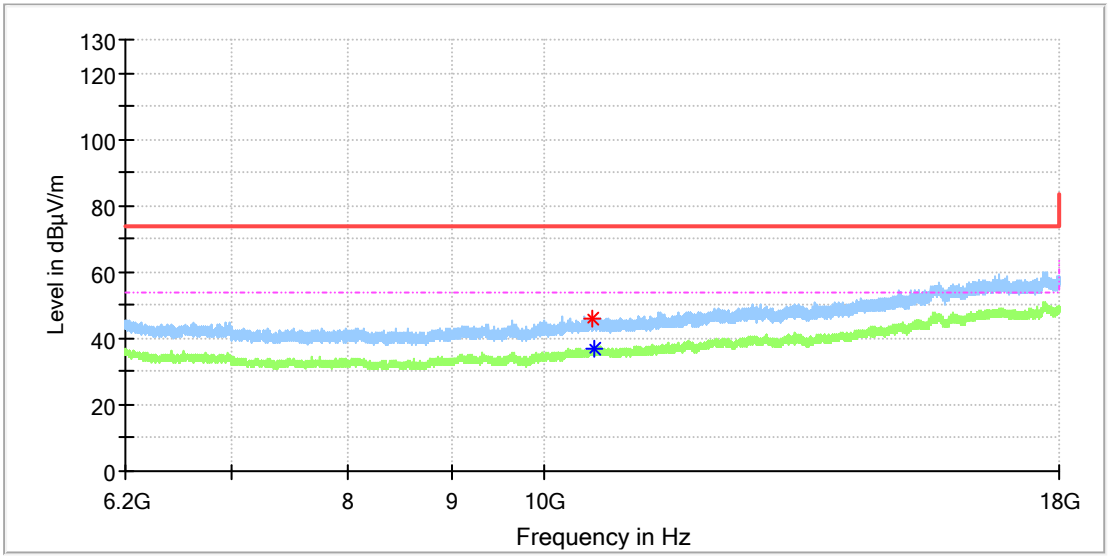
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch58
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10556.658333	46.21	---	74.00	27.79	100.0	H	227.0	12.0
10590.091667	---	37.13	54.00	16.87	100.0	H	263.0	12.1

Final_Result

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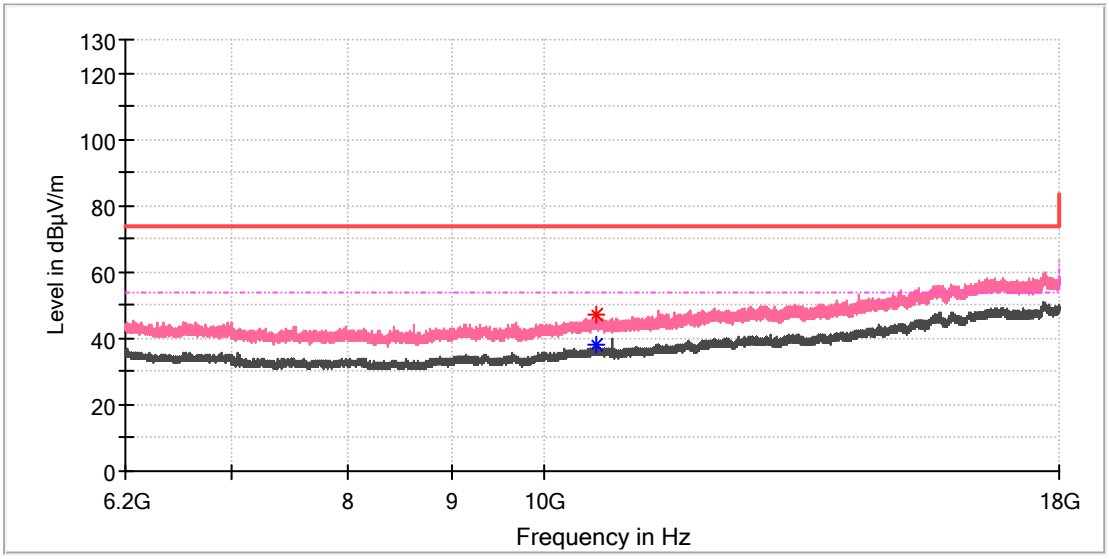
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch58
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
10602.383333	---	37.85	54.00	16.15	100.0	V	192.0	12.1
10617.133333	47.21	---	74.00	26.79	100.0	V	130.0	12.0

Final_Result

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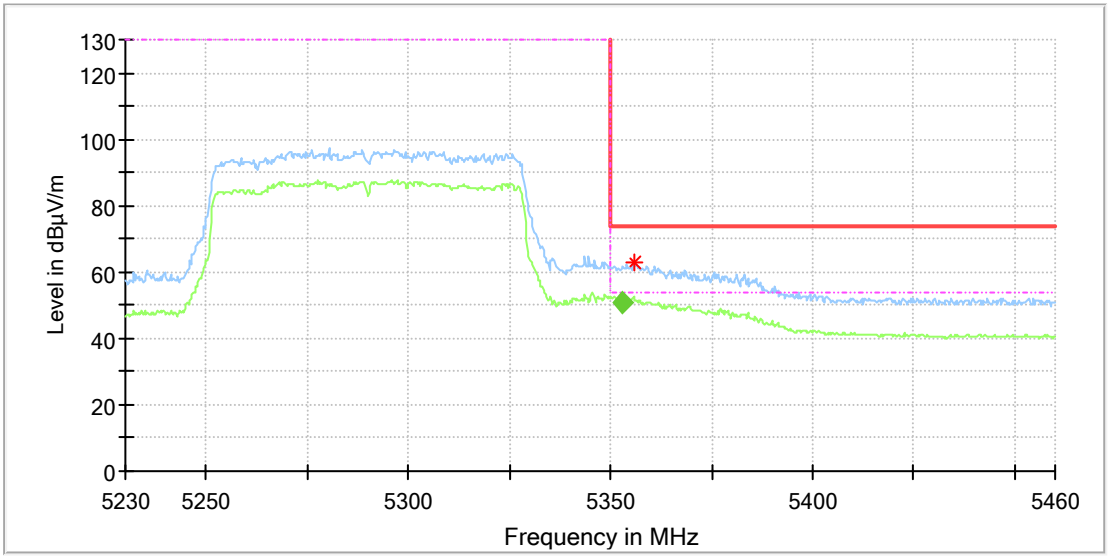
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch58
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

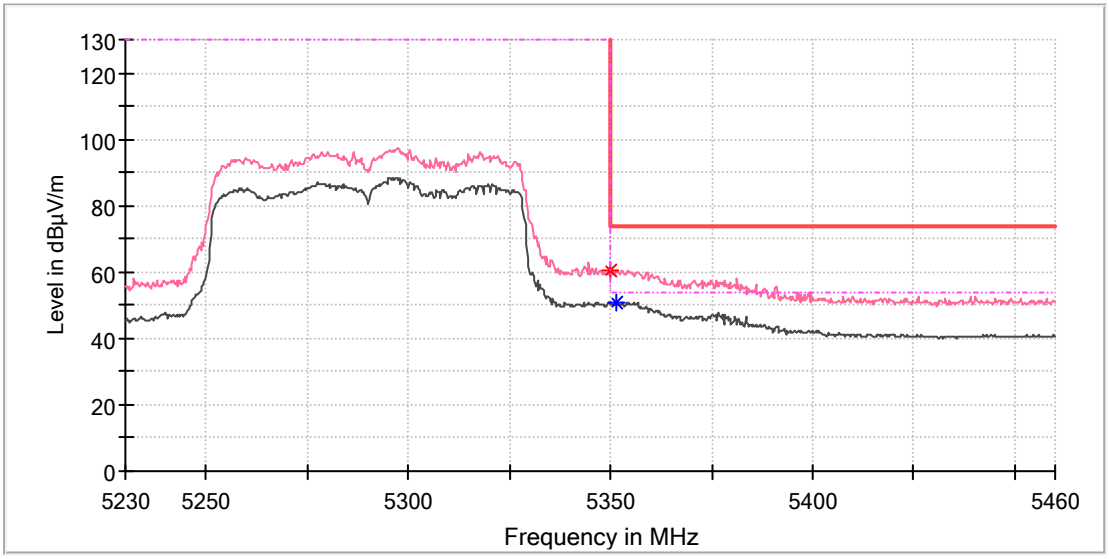
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5355.766667	62.93	---	74.00	11.07	100.0	H	6.0	13.3

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5353.044445	50.75	54.00	3.25	105.0	H	1.0	13.3

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch58
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5350.172222	60.38	---	74.00	13.62	100.0	V	330.0	13.3
5351.644445	---	50.84	54.00	3.16	100.0	V	212.0	13.3

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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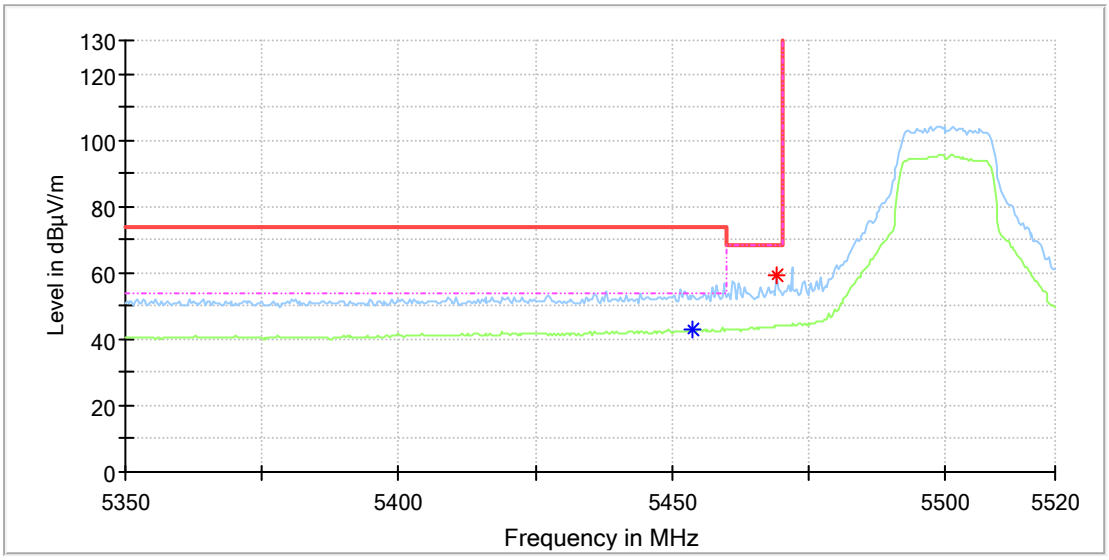
U-NII-2C Band

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch100
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5453.805556	---	42.75	54.00	11.25	100.0	H	12.0	13.5
5469.211111	58.99	---	68.20	9.21	100.0	H	12.0	13.6

Final_Result

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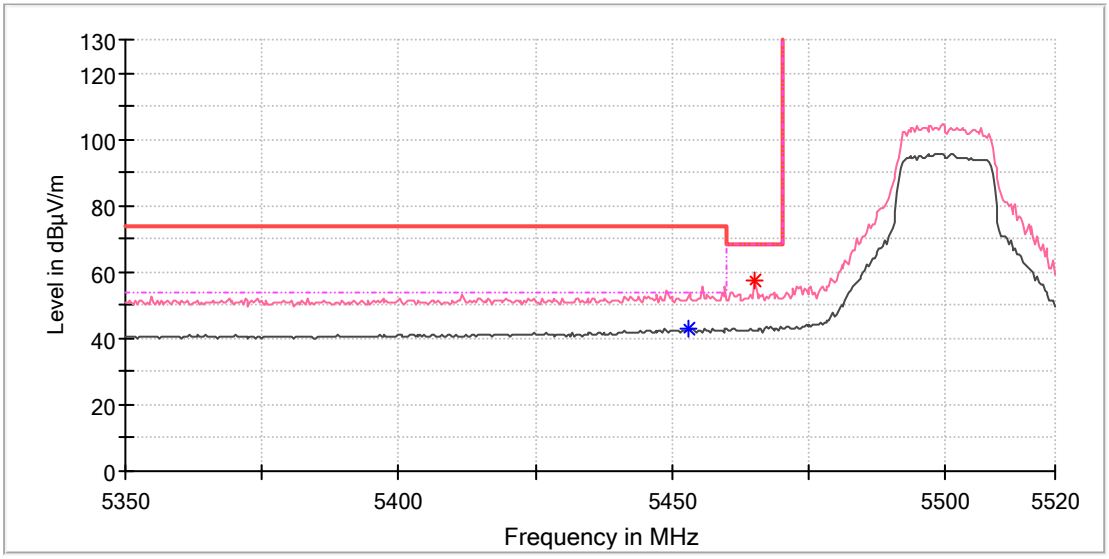
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch100
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5452.822222	---	42.67	54.00	11.33	100.0	V	340.0	13.5
5464.950000	57.43	---	68.20	10.77	100.0	V	346.0	13.6

Final_Result

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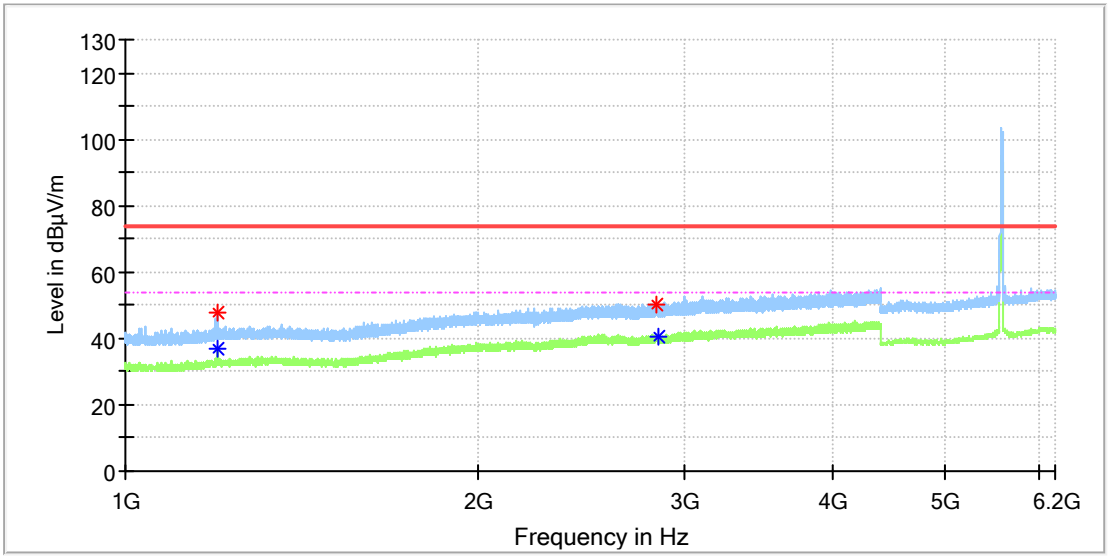
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1198.220000	47.68	---	74.00	26.32	100.0	H	207.0	1.1
1198.220000	---	37.05	54.00	16.95	100.0	H	207.0	1.1
2833.280000	50.24	---	74.00	23.76	100.0	H	196.0	8.1
2846.540000	---	40.81	54.00	13.19	100.0	H	74.0	8.1

Final_Result

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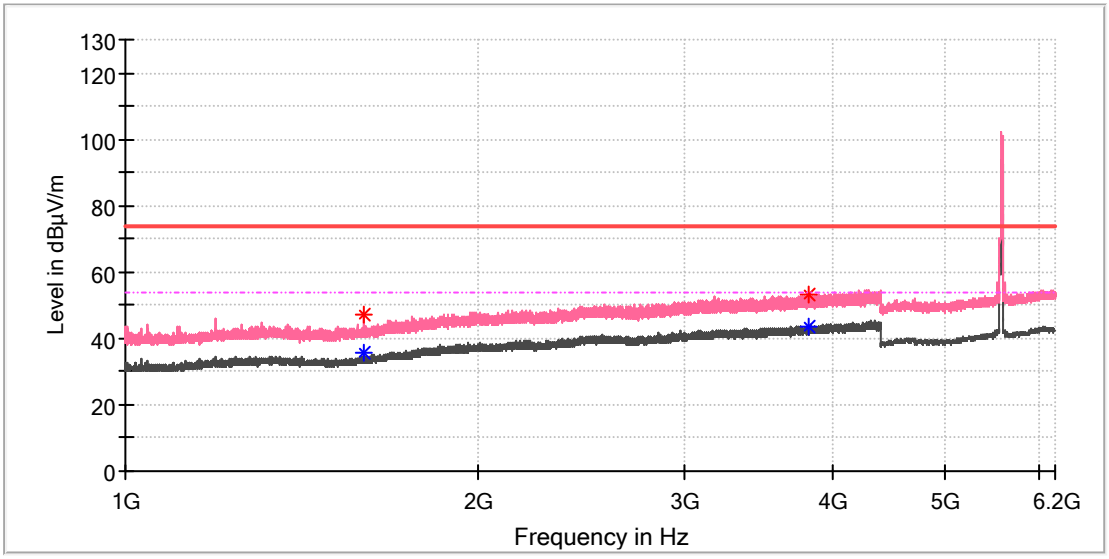
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1595.510000	46.90	---	74.00	27.10	100.0	V	315.0	2.0
1595.510000	---	35.62	54.00	18.38	100.0	V	315.0	2.0
3817.580000	---	43.60	54.00	10.40	100.0	V	109.0	9.9
3817.750000	53.11	---	74.00	20.89	100.0	V	357.0	9.9

Final_Result

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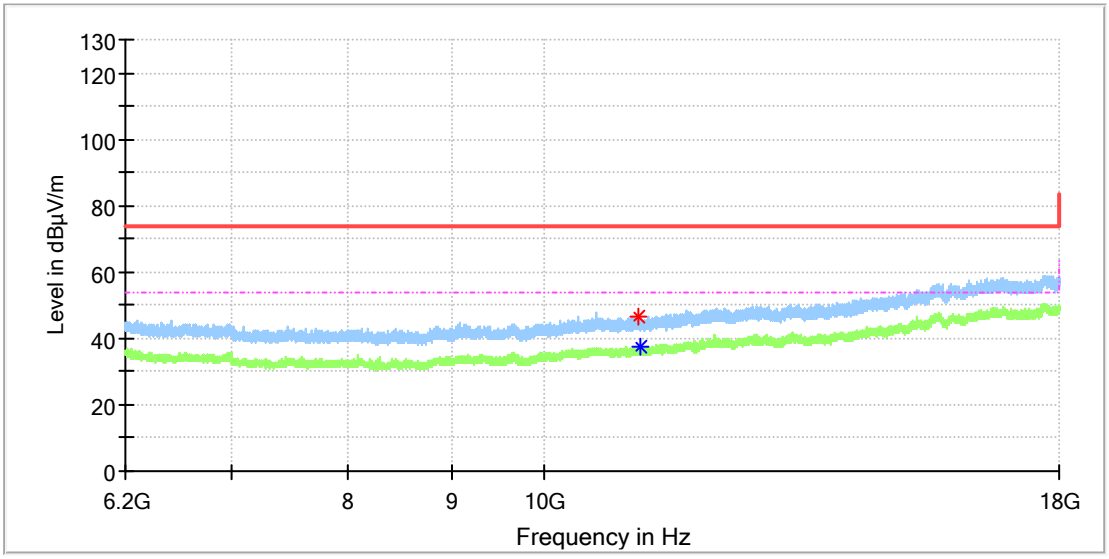
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11141.250000	46.53	---	74.00	27.47	100.0	H	23.0	12.5
11165.341667	---	37.41	54.00	16.59	100.0	H	306.0	12.5

Final_Result

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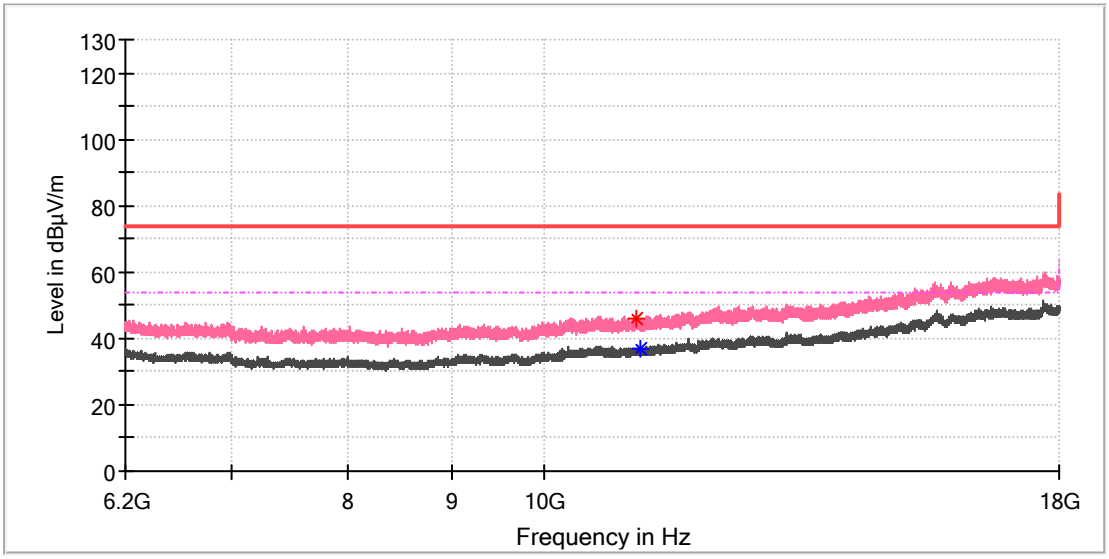
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch116
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11121.583333	46.20	---	74.00	27.80	100.0	V	207.0	12.4
11162.883333	---	37.17	54.00	16.83	100.0	V	183.0	12.5

Final_Result

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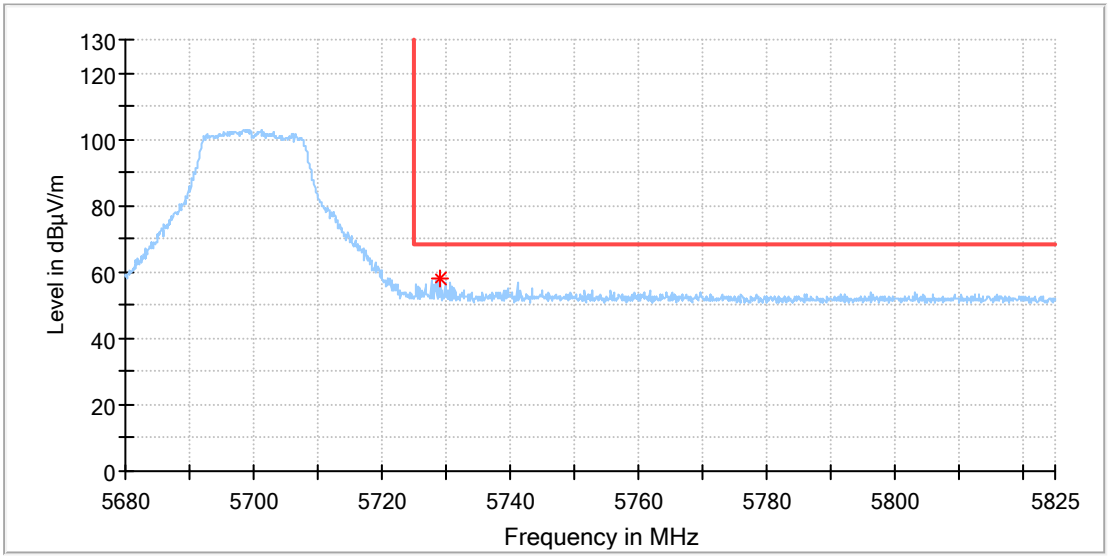
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch140
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5729.152778	57.93	68.20	10.27	100.0	H	0.0	13.9

Final_Result

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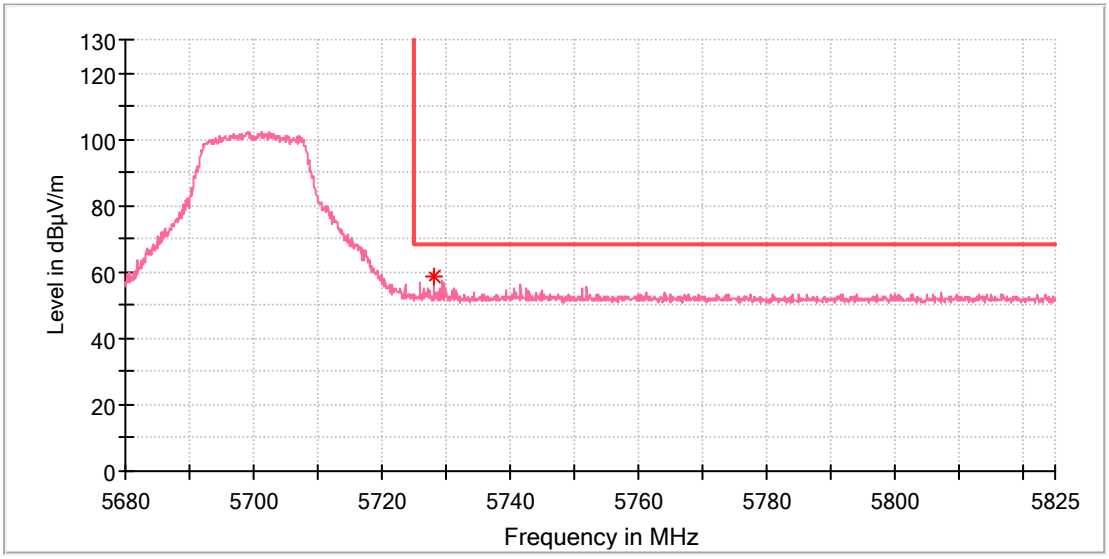
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch140
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5728.129167	58.83	68.20	9.37	100.0	V	350.0	13.9

Final_Result

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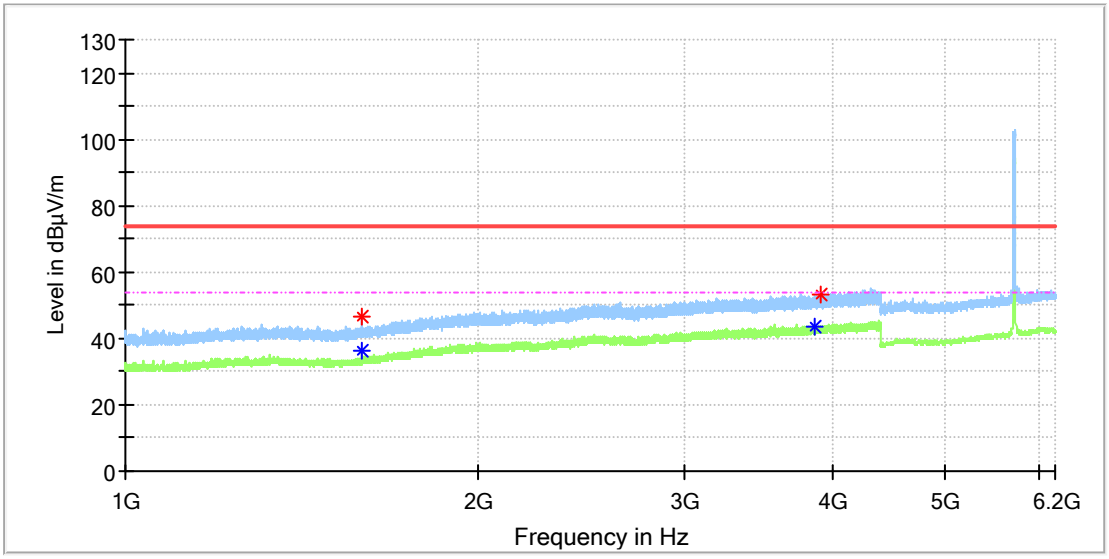
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch144
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1592.620000	46.38	---	74.00	27.62	100.0	H	177.0	2.0
1592.620000	---	36.45	54.00	17.55	100.0	H	177.0	2.0
3864.500000	---	43.49	54.00	10.51	100.0	H	166.0	9.9
3914.650000	53.50	---	74.00	20.50	100.0	H	242.0	10.1

Final_Result

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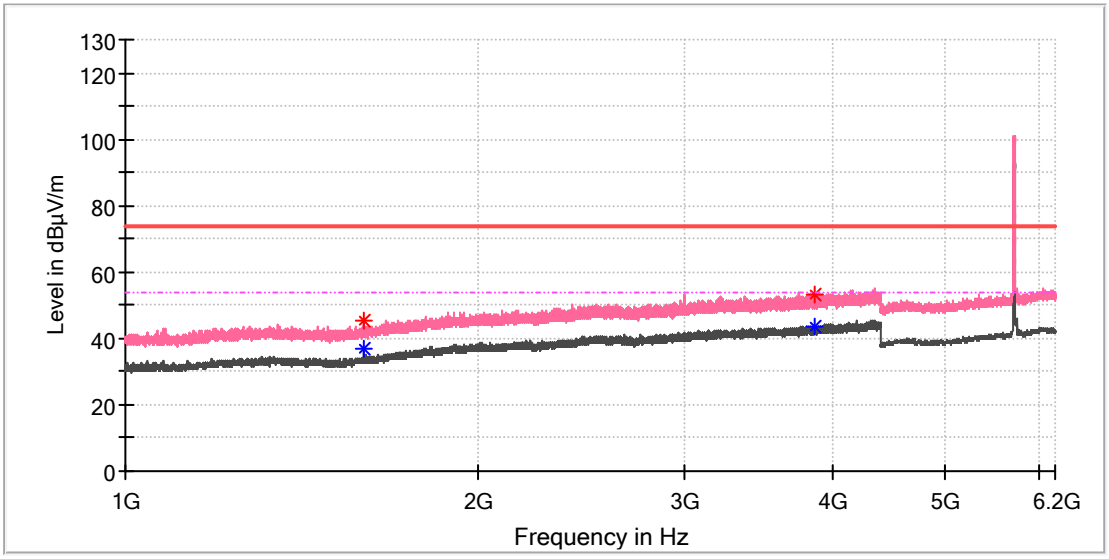
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch144
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1597.550000	45.53	---	74.00	28.47	100.0	V	141.0	2.1
1597.550000	---	36.67	54.00	17.33	100.0	V	141.0	2.1
3866.030000	---	43.65	54.00	10.35	100.0	V	120.0	10.0
3874.700000	52.99	---	74.00	21.01	100.0	V	110.0	10.0

Final_Result

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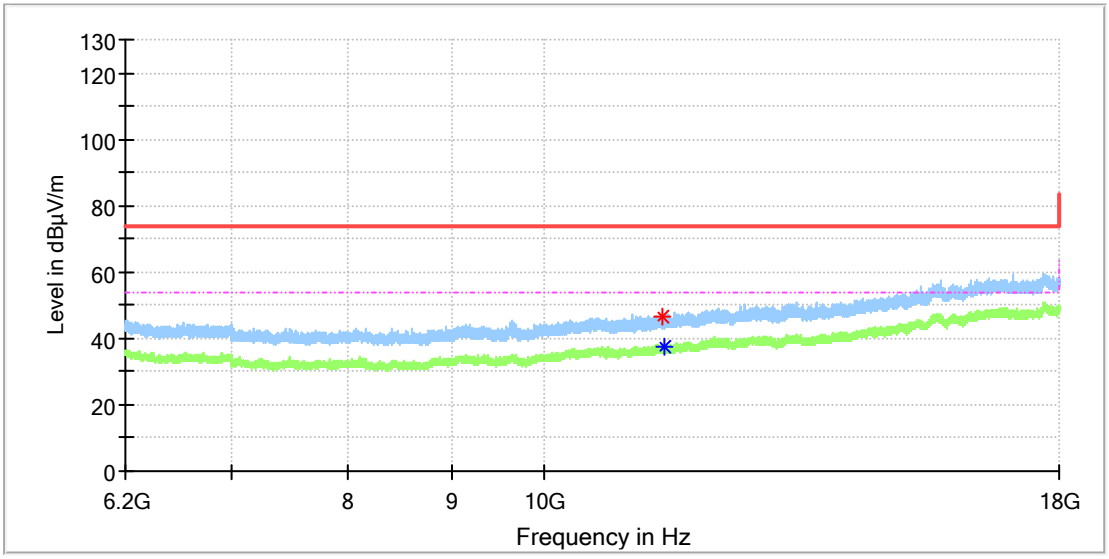
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch144
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11447.558333	46.63	---	74.00	27.37	100.0	H	262.0	13.3
11461.325000	---	37.70	54.00	16.30	100.0	H	46.0	13.5

Final_Result

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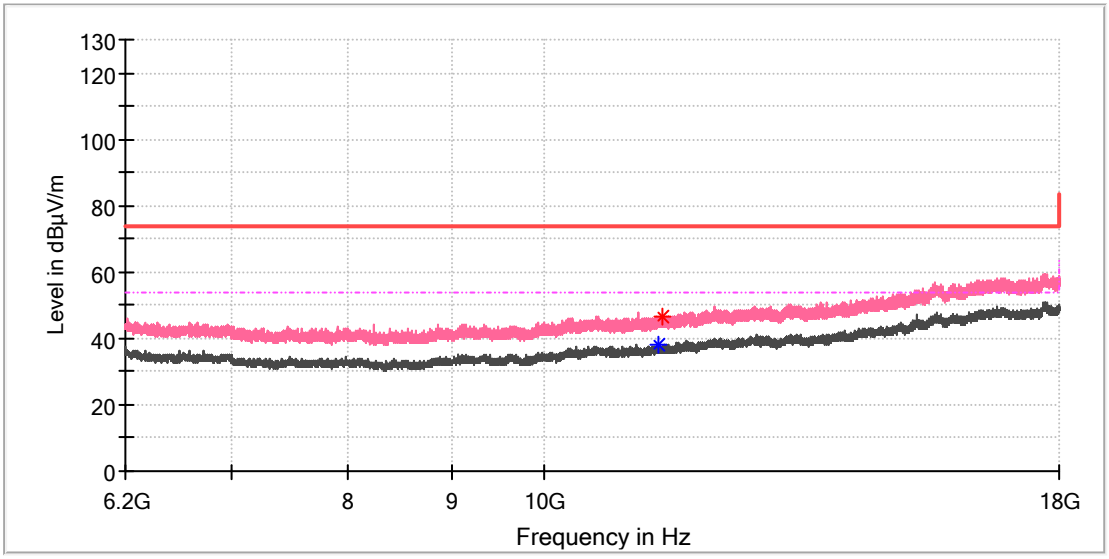
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch144
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11403.308333	---	38.18	54.00	15.82	100.0	V	180.0	12.8
11443.625000	46.72	---	74.00	27.28	100.0	V	345.0	13.3

Final_Result

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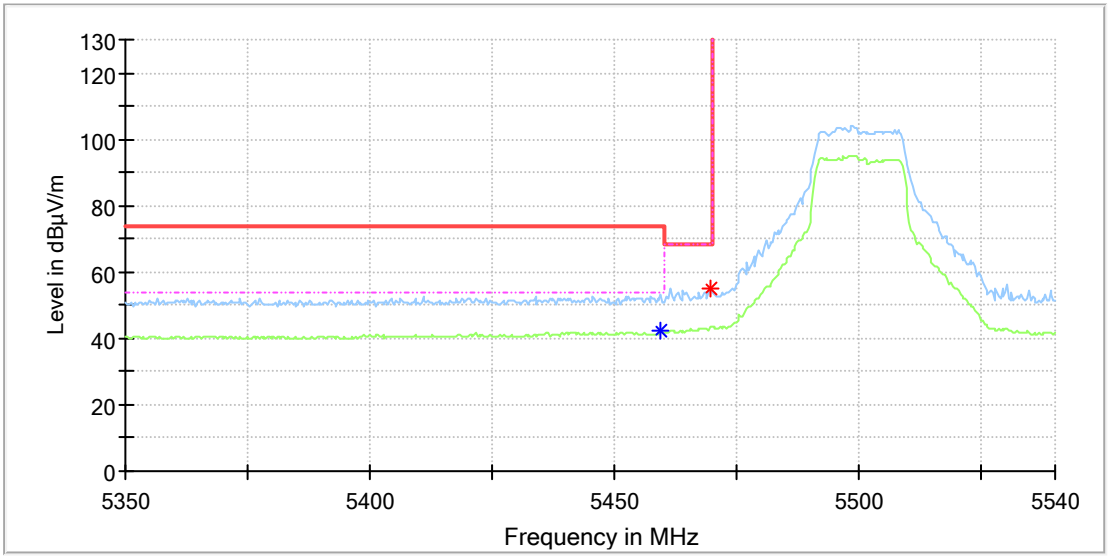
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch100
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5459.377778	---	42.53	54.00	11.47	100.0	H	358.0	13.6
5469.538889	55.25	---	68.20	12.95	100.0	H	0.0	13.6

Final_Result

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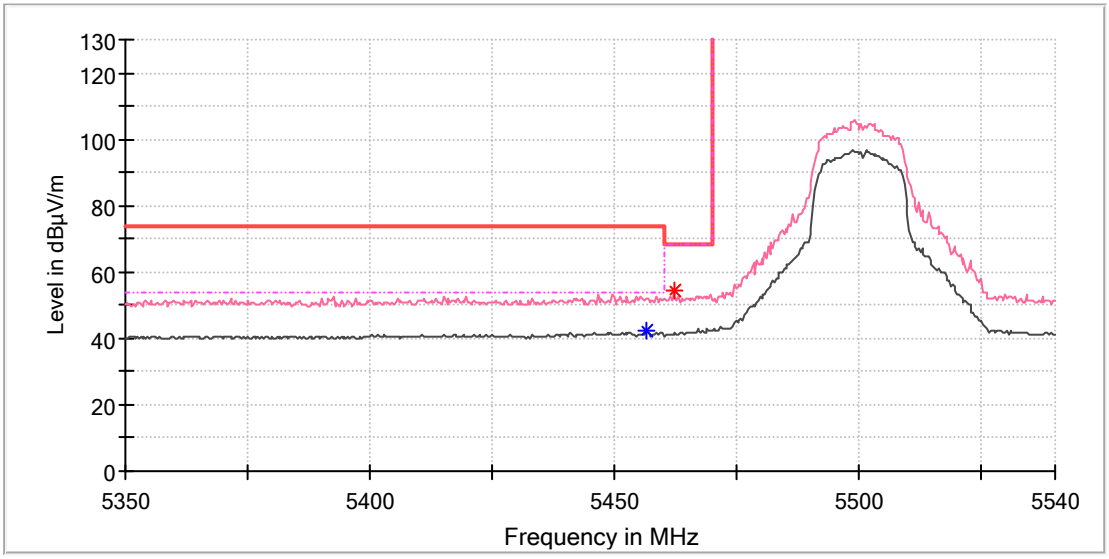
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch100
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5456.427778	---	42.15	54.00	11.85	100.0	V	75.0	13.6
5462.000000	54.15	---	68.20	14.05	100.0	V	332.0	13.6

Final_Result

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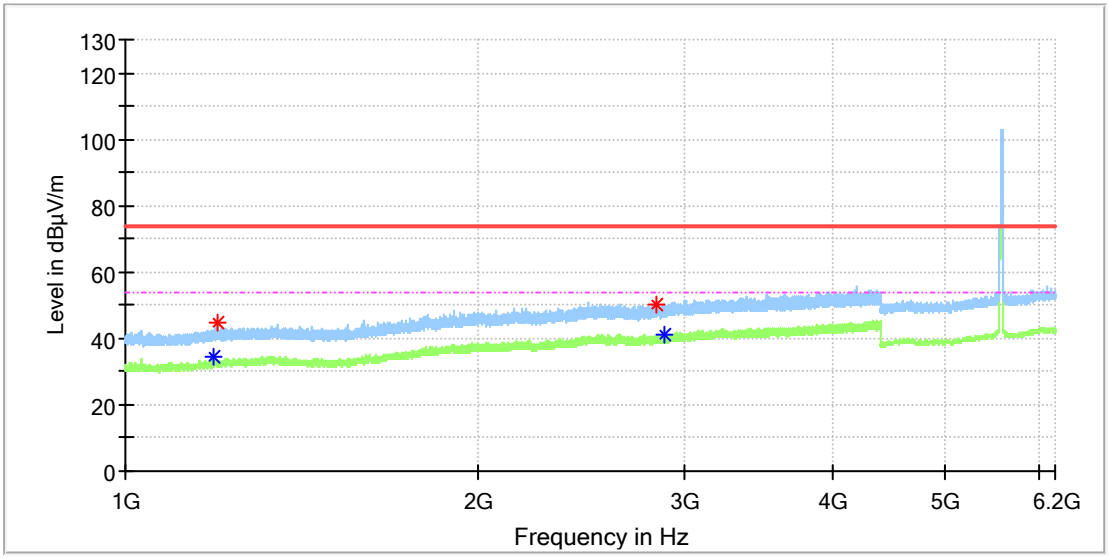
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch116
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1187.340000	---	34.24	54.00	19.76	100.0	H	204.0	1.0
1196.180000	44.57	---	74.00	29.43	100.0	H	32.0	1.1
2837.190000	50.07	---	74.00	23.93	100.0	H	269.0	8.1
2875.100000	---	41.11	54.00	12.89	100.0	H	269.0	8.2

Final_Result

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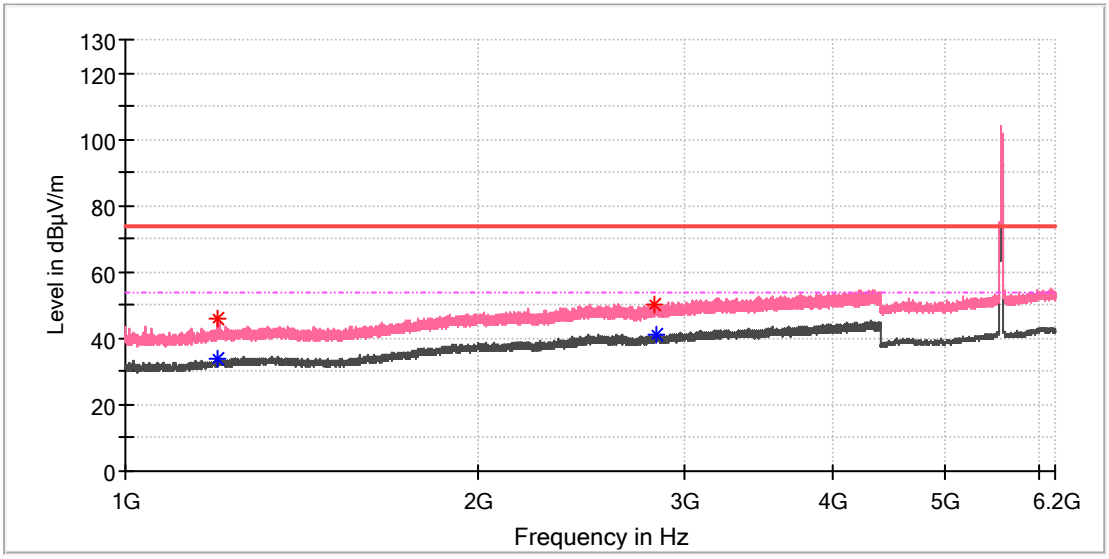
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch116
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1196.860000	---	33.88	54.00	20.12	100.0	V	101.0	1.1
1196.860000	46.21	---	74.00	27.79	100.0	V	101.0	1.1
2828.860000	49.96	---	74.00	24.04	100.0	V	146.0	8.1
2829.710000	---	40.93	54.00	13.07	100.0	V	6.0	8.1

Final_Result

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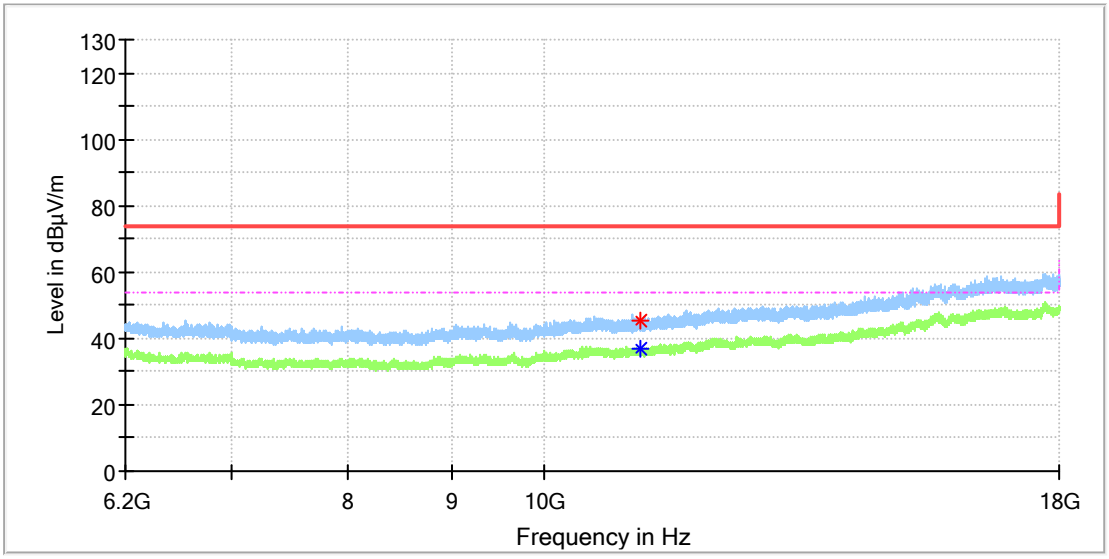
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch116
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11158.458333	---	37.18	54.00	16.82	100.0	H	179.0	12.5
11163.866667	45.59	---	74.00	28.41	100.0	H	243.0	12.5

Final_Result

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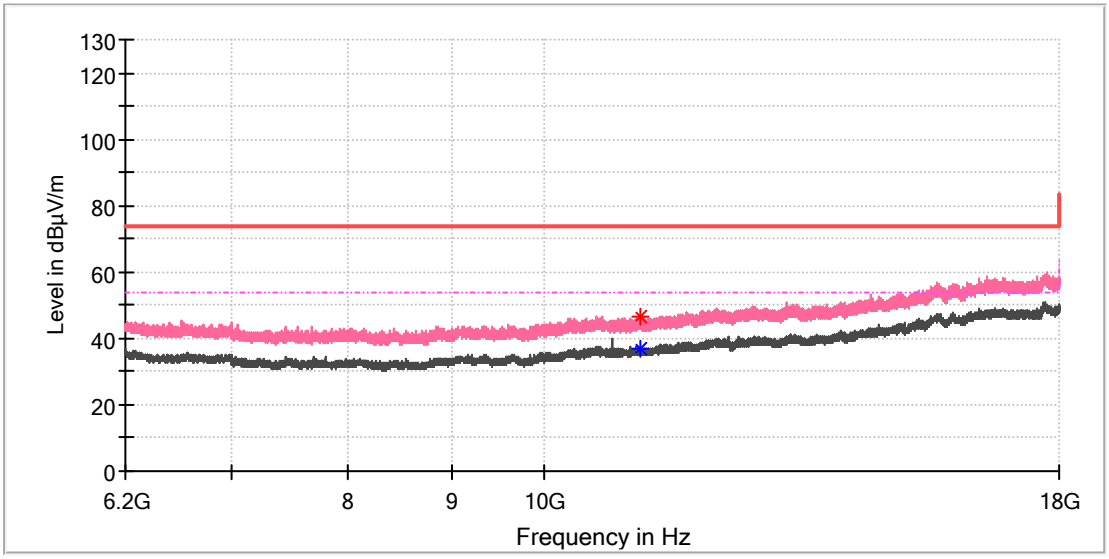
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch116
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11157.966667	46.42	---	74.00	27.58	100.0	V	356.0	12.5
11168.291667	---	36.77	54.00	17.23	100.0	V	25.0	12.5

Final_Result

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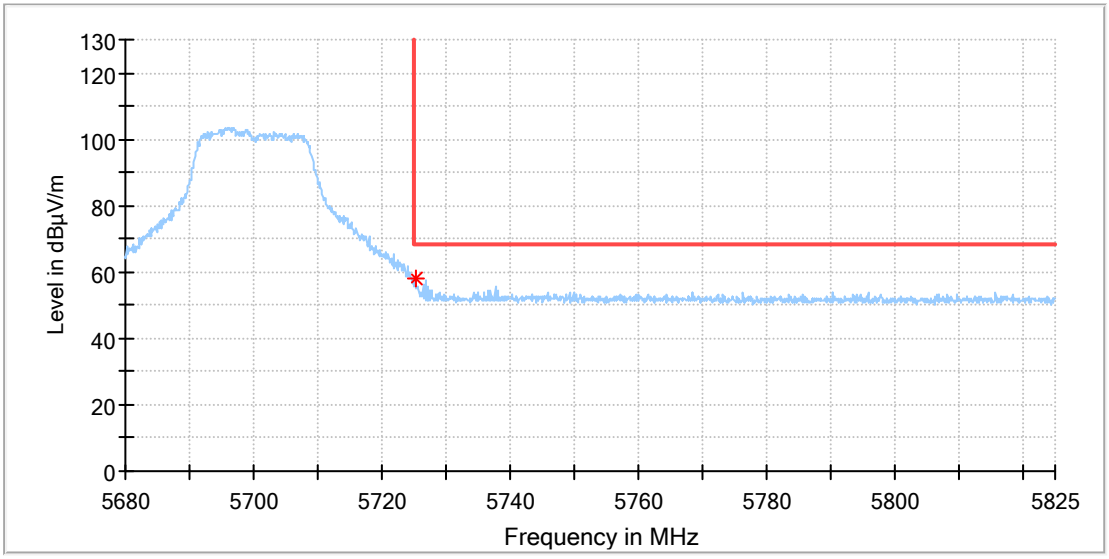
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch140
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5725.244445	57.89	68.20	10.31	100.0	H	1.0	13.9

Final_Result

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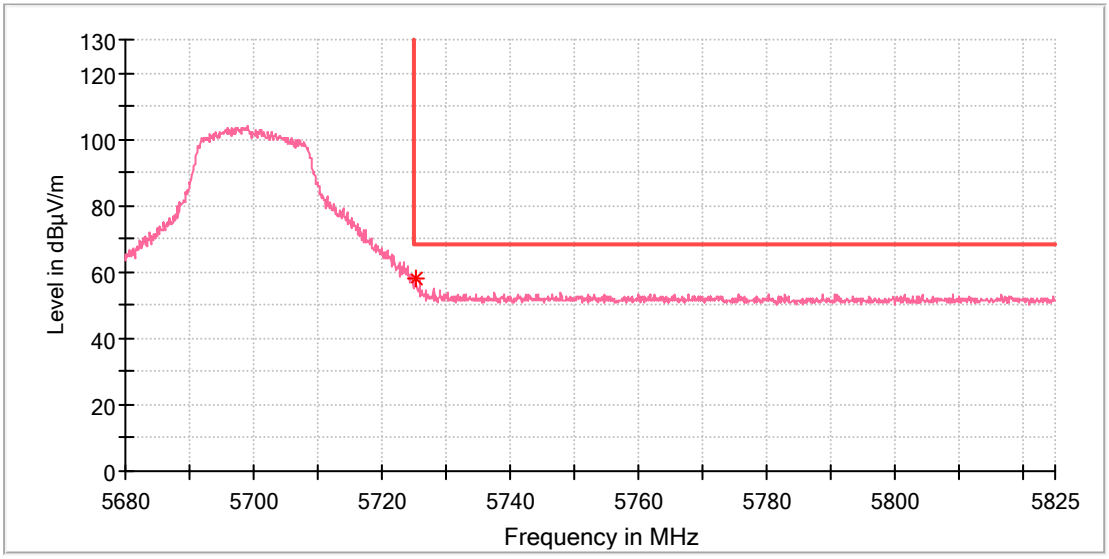
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch140
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5725.337500	58.27	68.20	9.93	100.0	V	202.0	13.9

Final_Result

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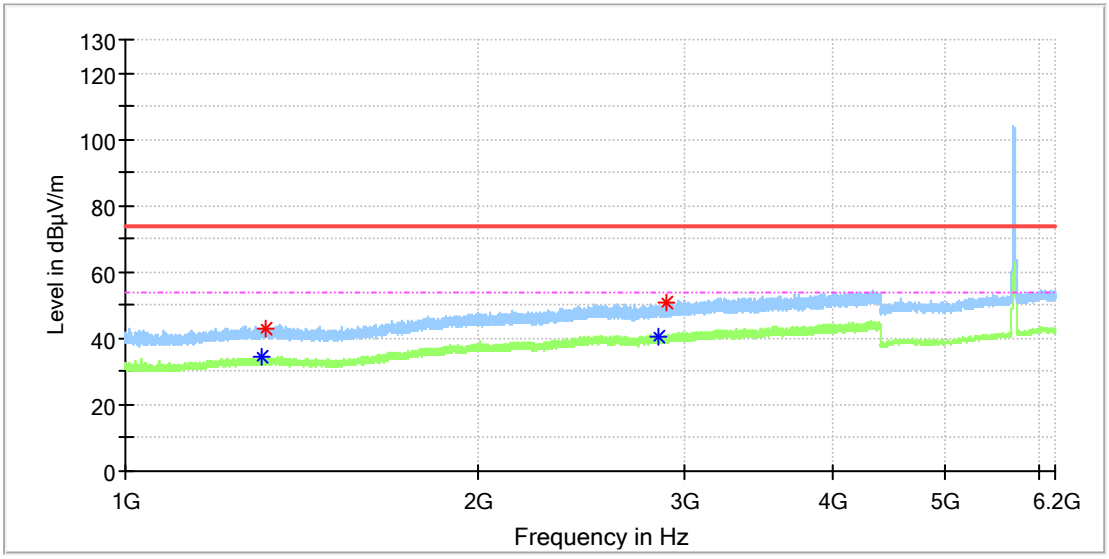
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch144
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1308.210000	---	34.33	54.00	19.67	100.0	H	281.0	2.0
1317.560000	42.90	---	74.00	31.10	100.0	H	258.0	2.0
2843.650000	---	40.67	54.00	13.33	100.0	H	134.0	8.1
2888.190000	50.68	---	74.00	23.32	100.0	H	357.0	8.2

Final_Result

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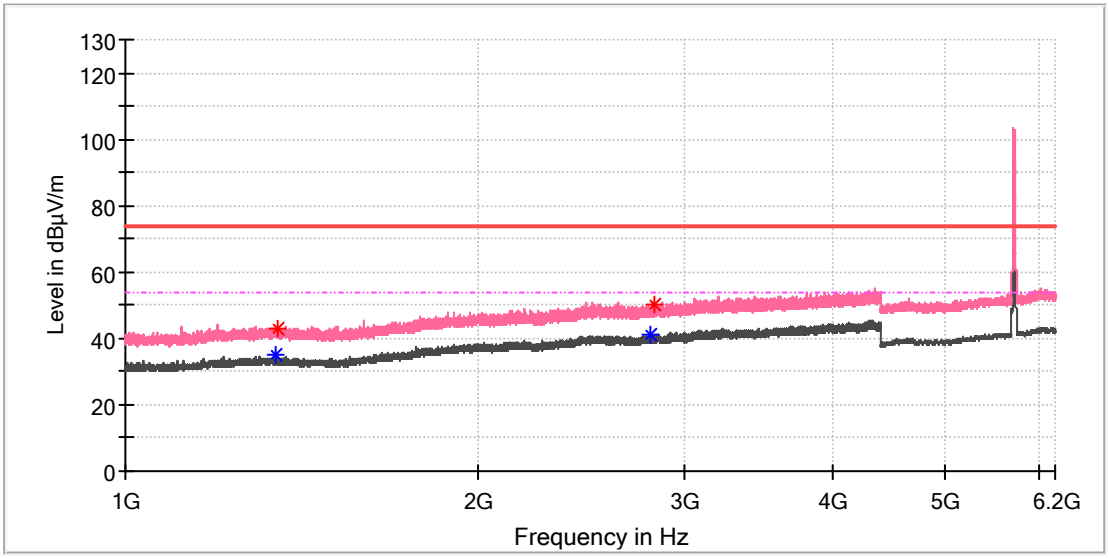
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch144
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1340.680000	---	35.13	54.00	18.87	100.0	V	174.0	2.1
1346.800000	43.13	---	74.00	30.87	100.0	V	30.0	2.1
2805.060000	---	41.17	54.00	12.83	100.0	V	317.0	8.0
2821.040000	50.46	---	74.00	23.54	100.0	V	339.0	8.1

Final_Result

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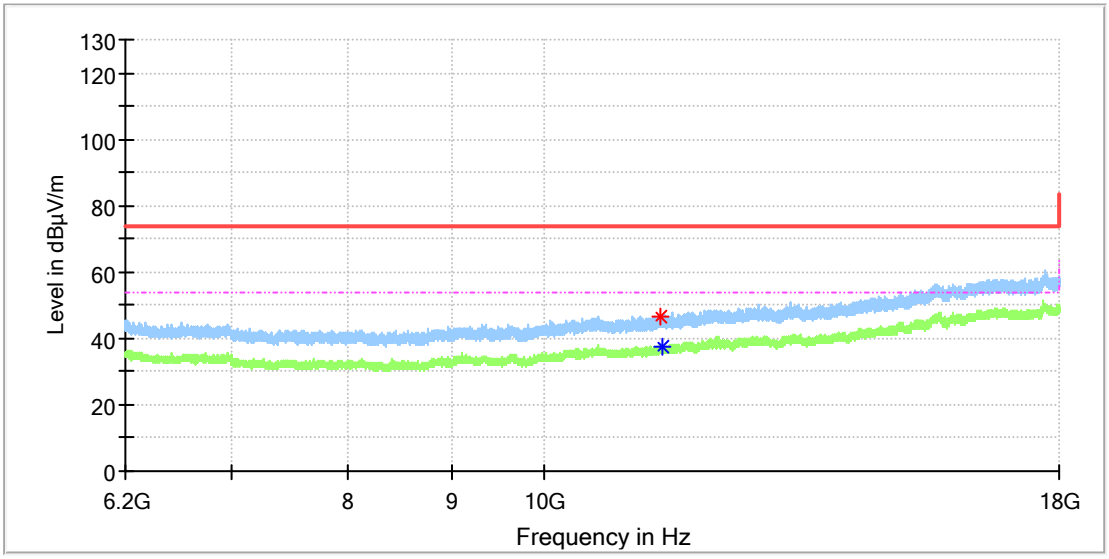
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch144
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11426.908333	46.30	---	74.00	27.70	100.0	H	137.0	13.1
11443.625000	---	37.63	54.00	16.37	100.0	H	273.0	13.3

Final_Result

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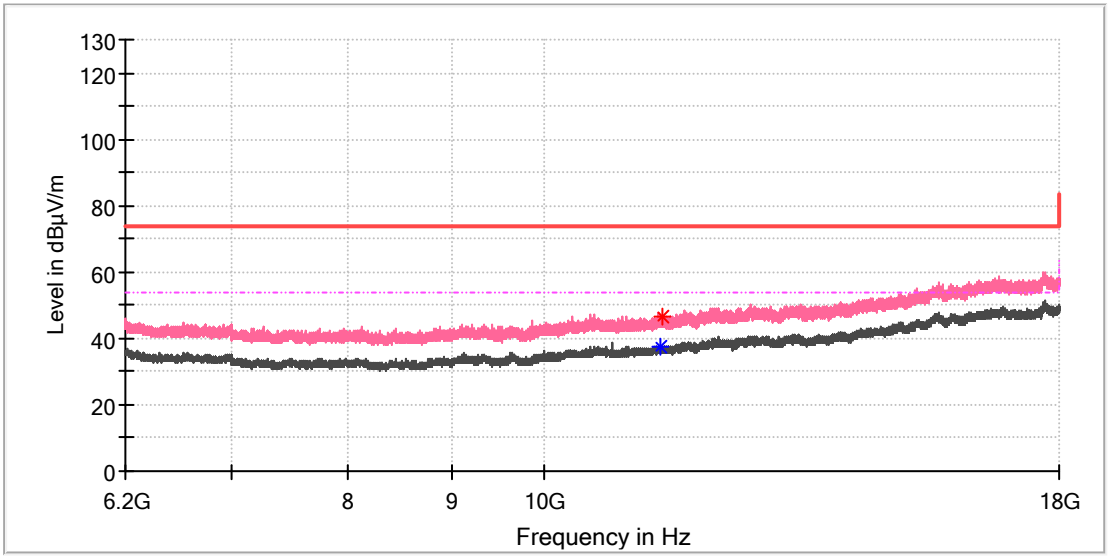
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch144
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11424.941667	---	37.75	54.00	16.25	100.0	V	265.0	13.1
11451.491667	46.68	---	74.00	27.32	100.0	V	20.0	13.4

Final_Result

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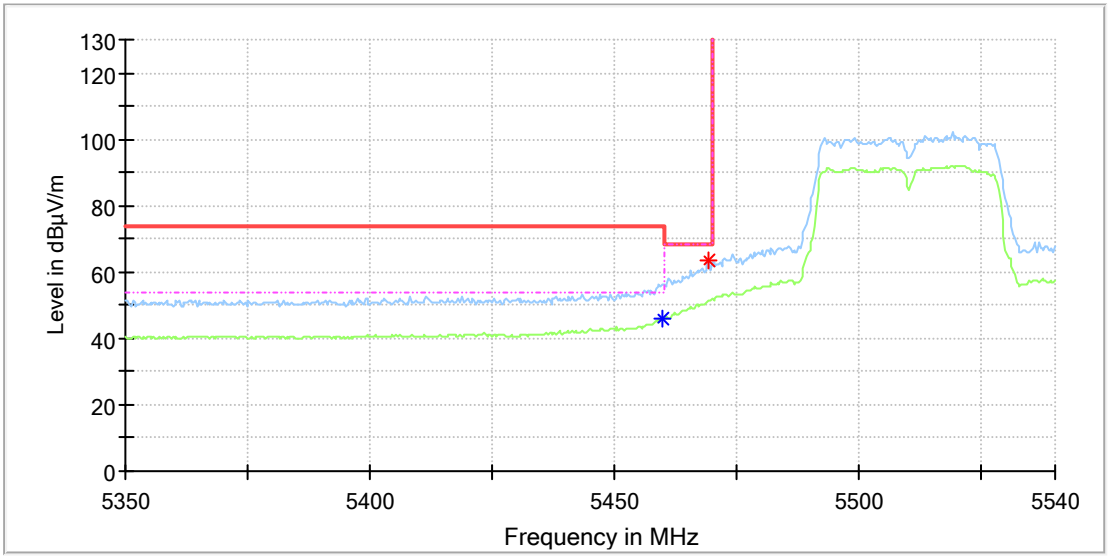
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch102
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5459.705556	---	46.18	54.00	7.82	100.0	H	4.0	13.6
5469.211111	63.54	---	68.20	4.66	100.0	H	359.0	13.6

Final_Result

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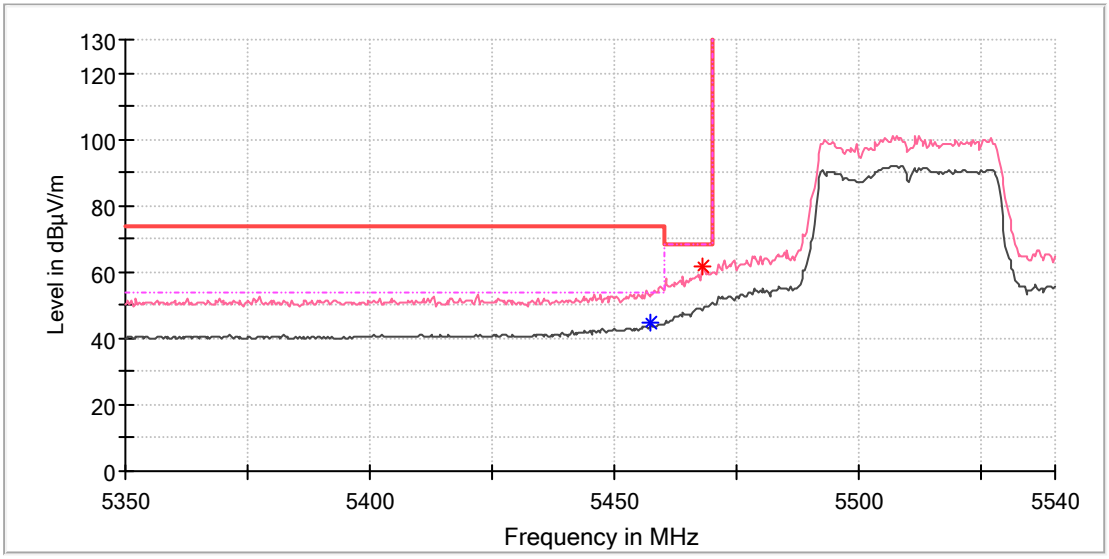
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch102
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5457.411111	---	44.72	54.00	9.28	100.0	V	340.0	13.6
5467.900000	61.57	---	68.20	6.63	100.0	V	42.0	13.6

Final_Result

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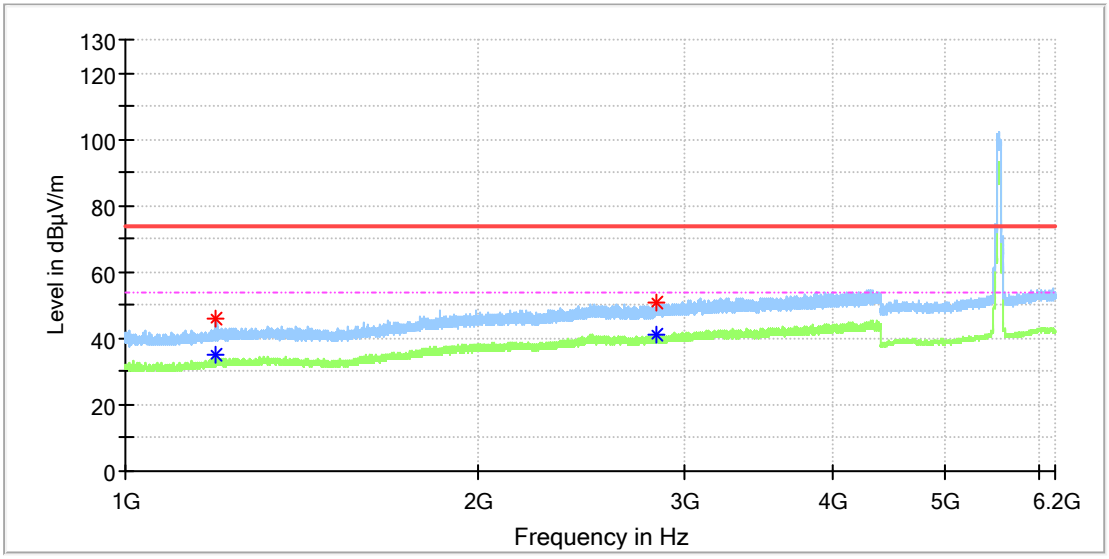
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch110
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1194.820000	46.23	---	74.00	27.77	100.0	H	269.0	1.1
1194.820000	---	35.17	54.00	18.83	100.0	H	269.0	1.1
2833.620000	---	40.94	54.00	13.06	100.0	H	225.0	8.1
2835.660000	50.89	---	74.00	23.11	100.0	H	349.0	8.1

Final_Result

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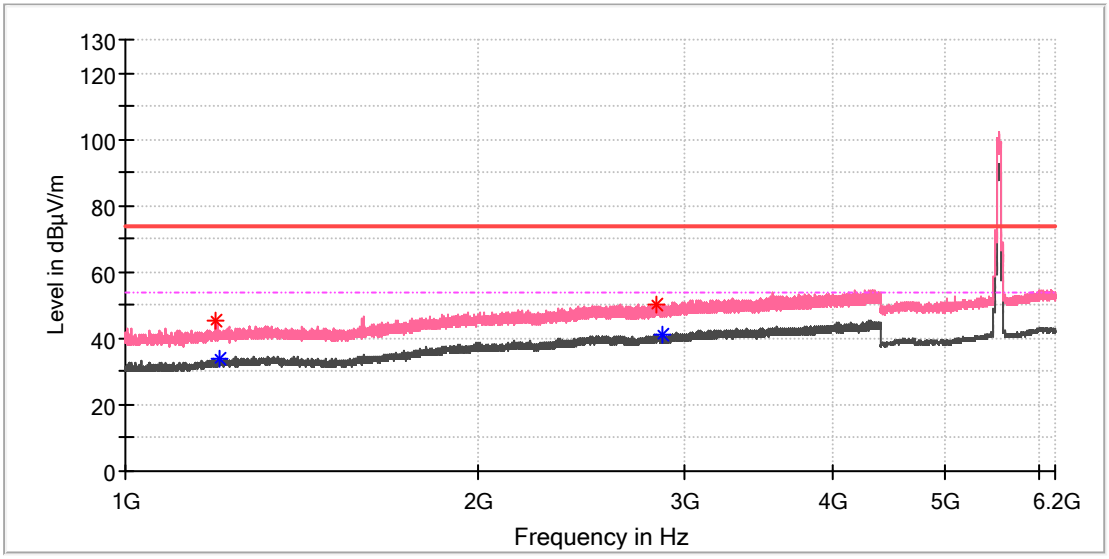
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch110
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1194.140000	45.31	---	74.00	28.69	100.0	V	310.0	1.1
1204.000000	---	33.75	54.00	20.25	100.0	V	343.0	1.2
2836.680000	50.38	---	74.00	23.62	100.0	V	210.0	8.1
2871.530000	---	40.92	54.00	13.08	100.0	V	243.0	8.2

Final_Result

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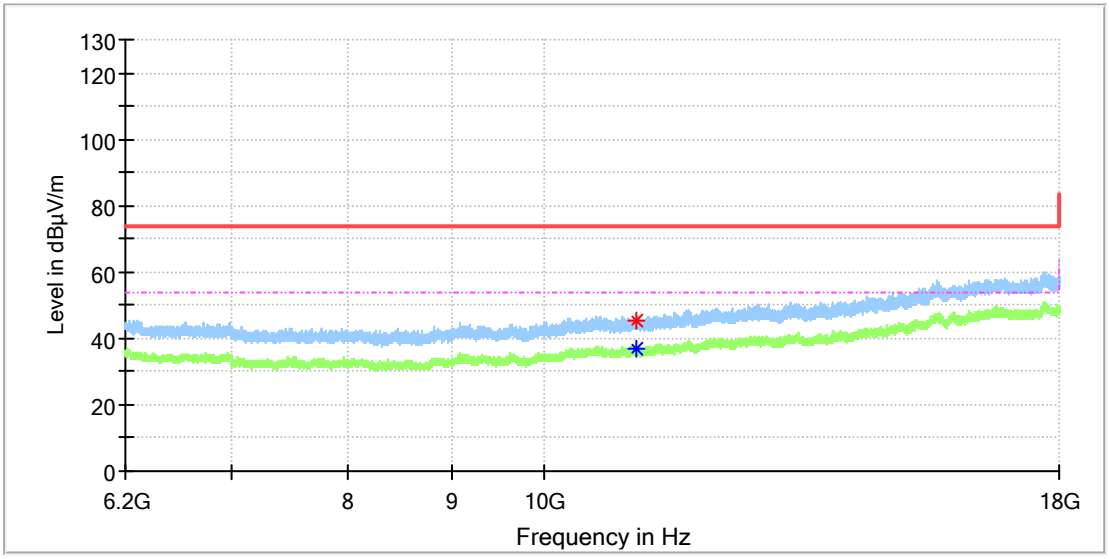
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch110
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11105.850000	---	36.81	54.00	17.19	100.0	H	171.0	12.4
11113.716667	45.55	---	74.00	28.45	100.0	H	317.0	12.4

Final_Result

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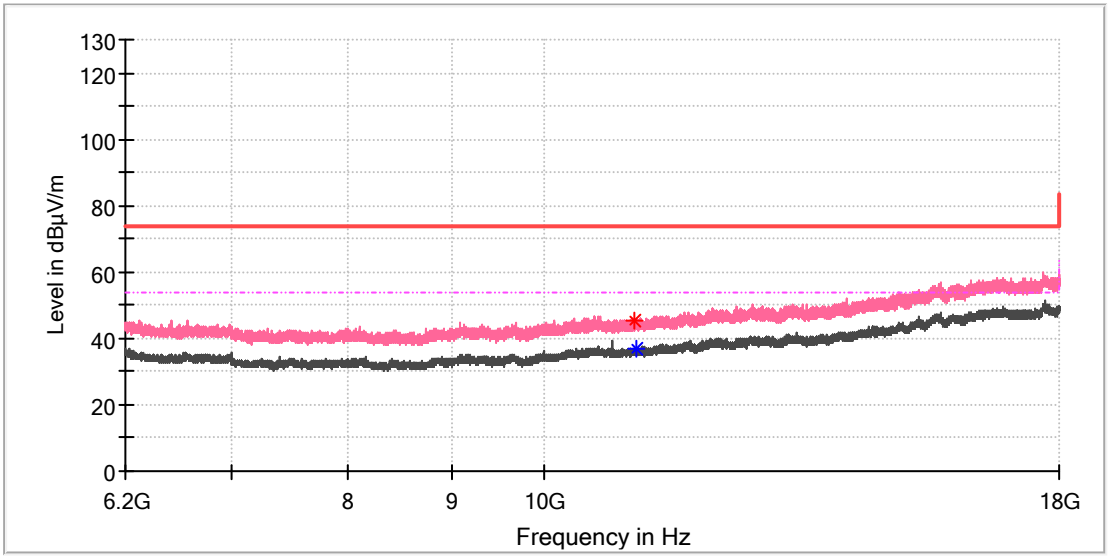
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch110
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11095.033333	45.39	---	74.00	28.61	100.0	V	224.0	12.4
11101.916667	---	36.99	54.00	17.01	100.0	V	4.0	12.4

Final_Result

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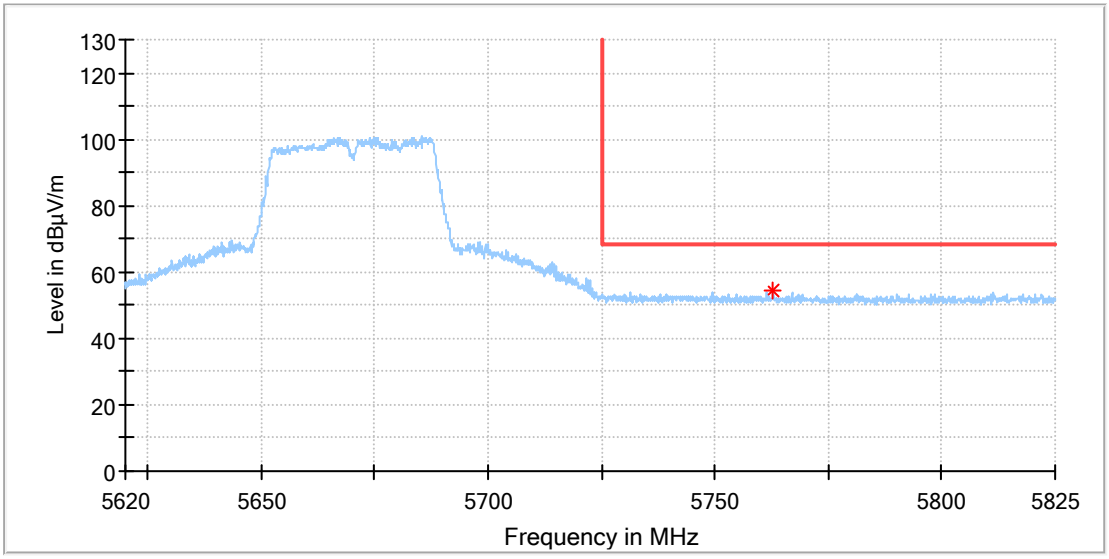
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch134
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5762.838889	54.30	68.20	13.90	100.0	H	342.0	14.0

Final_Result

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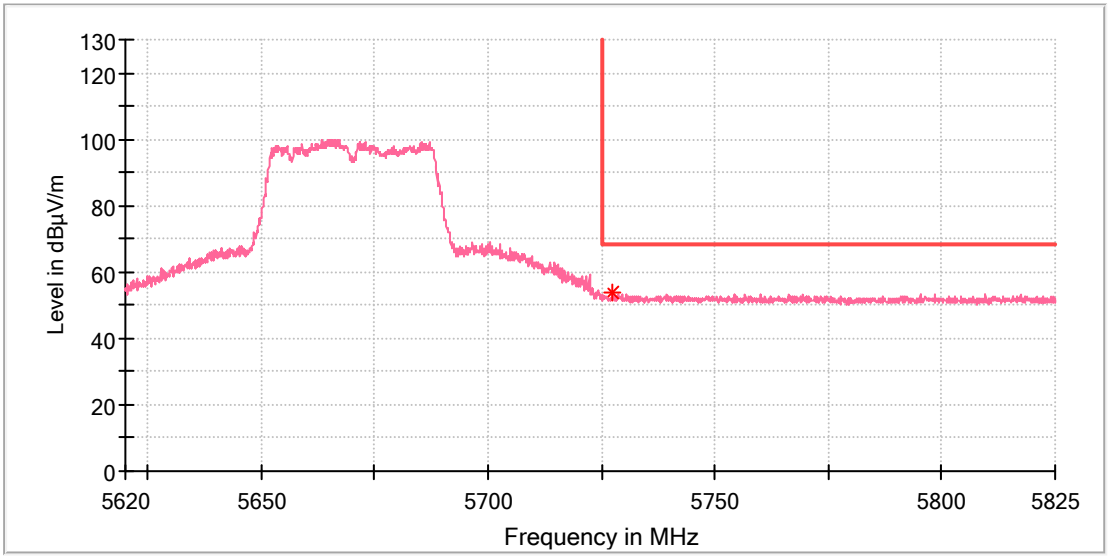
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch134
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5727.384722	54.00	68.20	14.20	100.0	V	240.0	13.9

Final_Result

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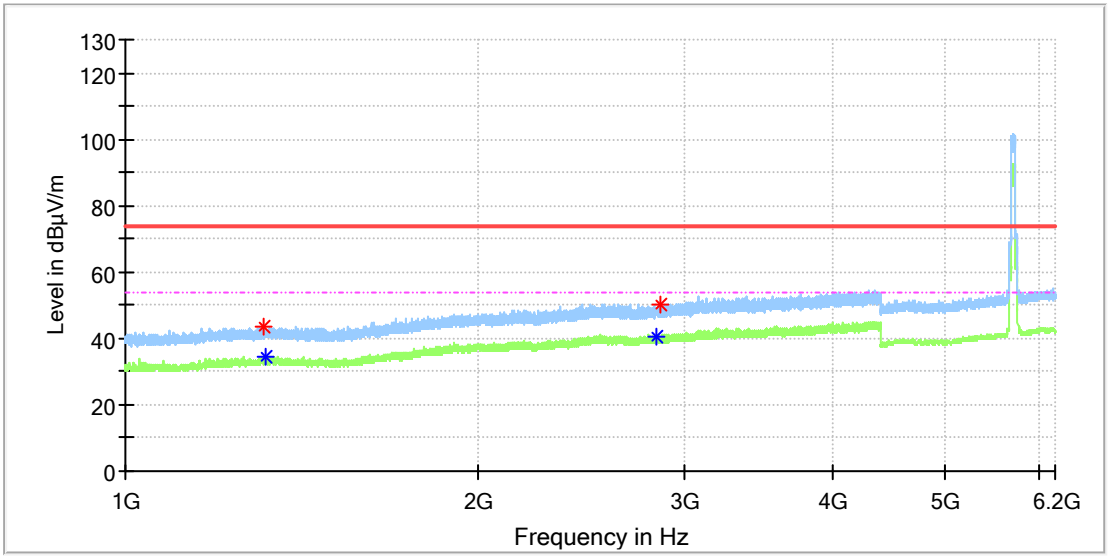
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch142
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1313.140000	43.66	---	74.00	30.34	100.0	H	246.0	2.0
1317.050000	---	34.52	54.00	19.48	100.0	H	222.0	2.0
2830.730000	---	40.66	54.00	13.34	100.0	H	4.0	8.1
2856.230000	50.11	---	74.00	23.89	100.0	H	246.0	8.2

Final_Result

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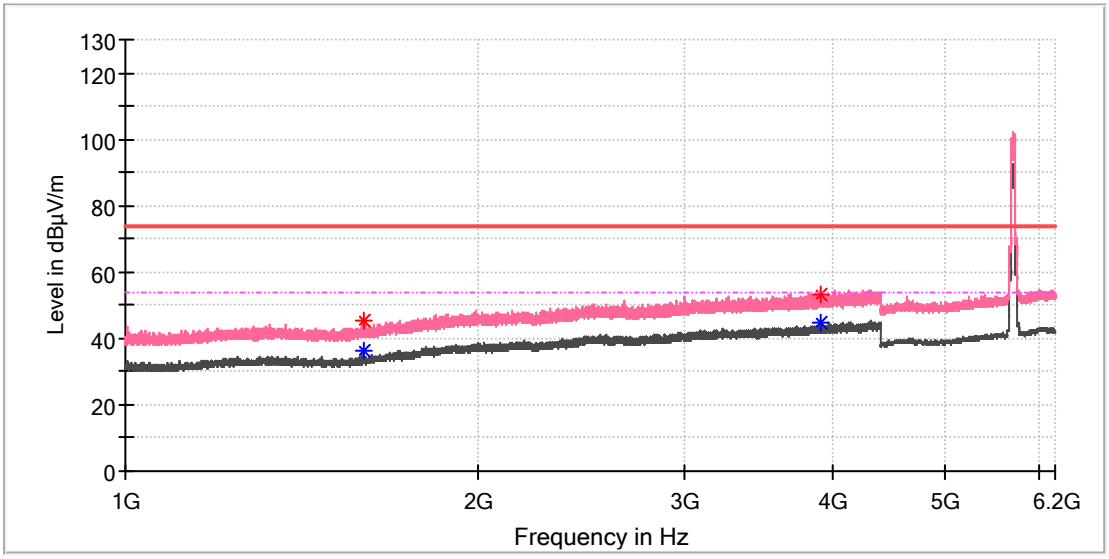
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch142
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1595.510000	45.60	---	74.00	28.40	100.0	V	331.0	2.0
1598.230000	---	36.26	54.00	17.74	100.0	V	269.0	2.1
3907.340000	53.40	---	74.00	20.60	100.0	V	259.0	10.1
3920.260000	---	44.55	54.00	9.45	100.0	V	318.0	10.1

Final_Result

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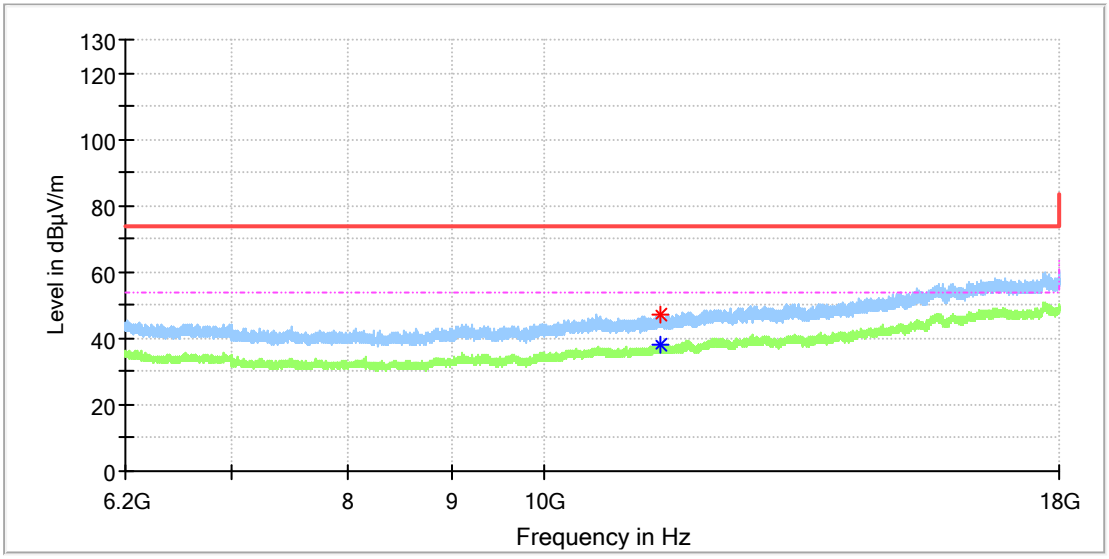
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch142
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11415.108333	47.23	---	74.00	26.77	100.0	H	145.0	12.9
11423.466667	---	38.11	54.00	15.89	100.0	H	322.0	13.0

Final_Result

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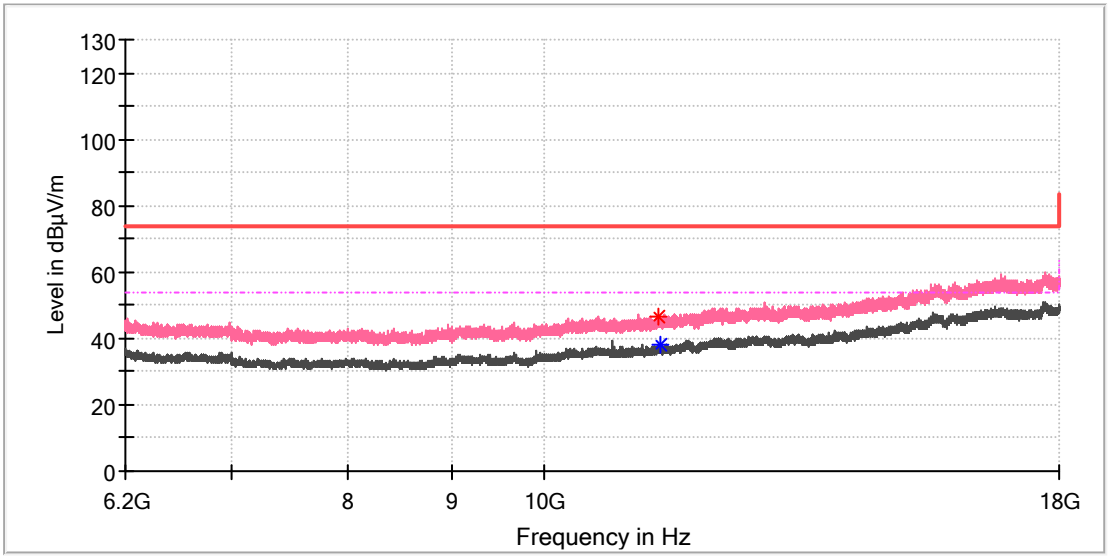
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n40_Ch142
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11394.458333	46.45	---	74.00	27.55	100.0	V	130.0	12.7
11411.666667	---	38.27	54.00	15.73	100.0	V	116.0	12.9

Final_Result

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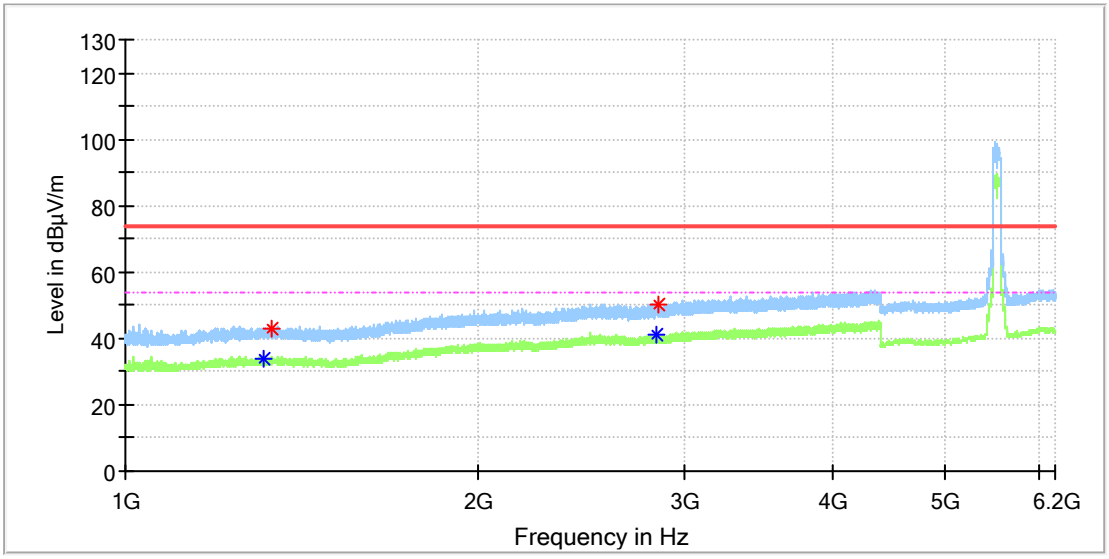
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch106
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1312.970000	---	33.86	54.00	20.14	100.0	H	54.0	2.0
1330.820000	43.04	---	74.00	30.96	100.0	H	31.0	2.1
2834.300000	---	40.87	54.00	13.13	100.0	H	97.0	8.1
2851.300000	50.39	---	74.00	23.61	100.0	H	197.0	8.1

Final_Result

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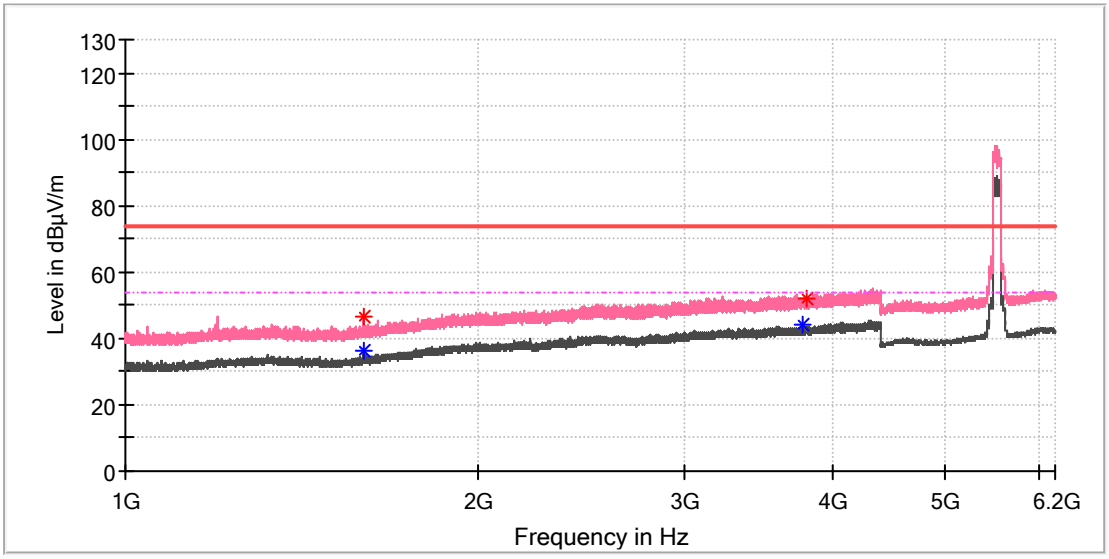
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch106
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1599.590000	46.28	---	74.00	27.72	100.0	V	267.0	2.1
1599.590000	---	36.37	54.00	17.63	100.0	V	267.0	2.1
3782.390000	---	43.85	54.00	10.15	100.0	V	61.0	9.8
3807.720000	52.05	---	74.00	21.95	100.0	V	279.0	9.8

Final_Result

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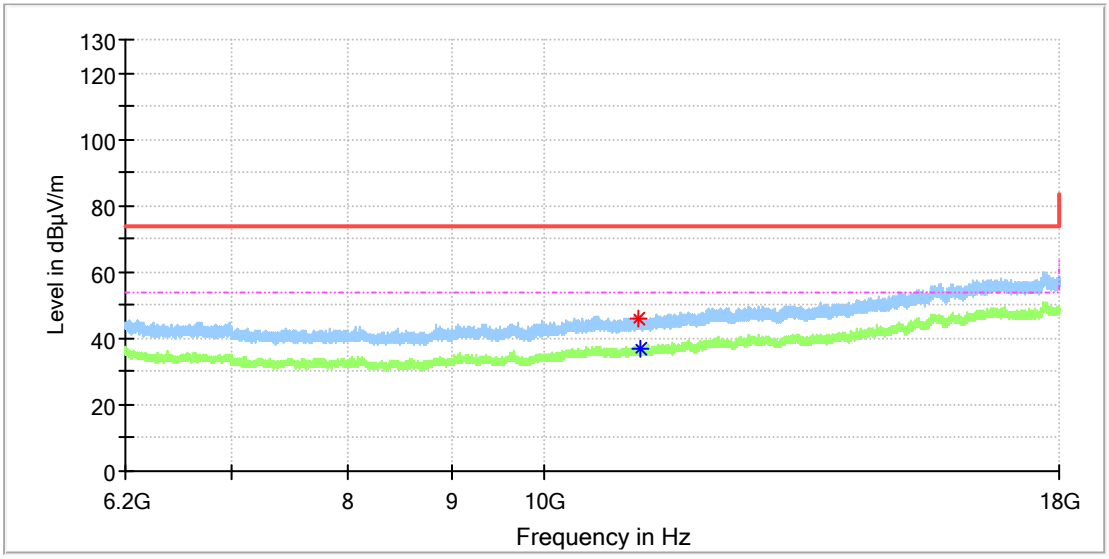
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch106
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11131.908333	46.19	---	74.00	27.81	100.0	H	76.0	12.5
11167.308333	---	37.12	54.00	16.88	100.0	H	139.0	12.5

Final_Result

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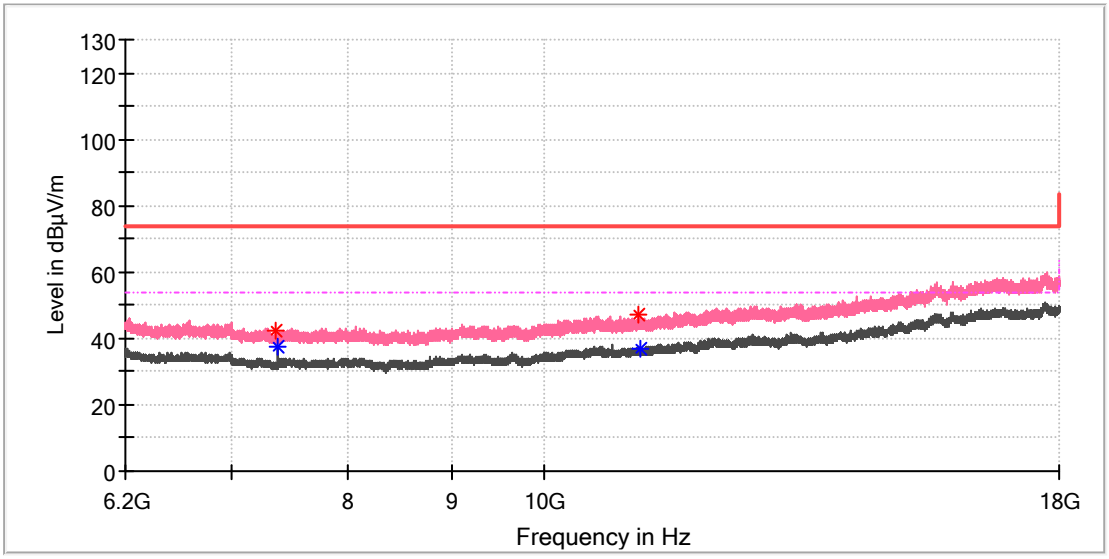
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch106
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
7359.350000	42.05	---	74.00	31.95	100.0	V	355.0	8.1
7373.116667	---	37.25	54.00	16.75	100.0	V	72.0	8.2
11145.183333	47.27	---	74.00	26.73	100.0	V	145.0	12.5
11170.750000	---	37.07	54.00	16.93	100.0	V	220.0	12.5

Final_Result

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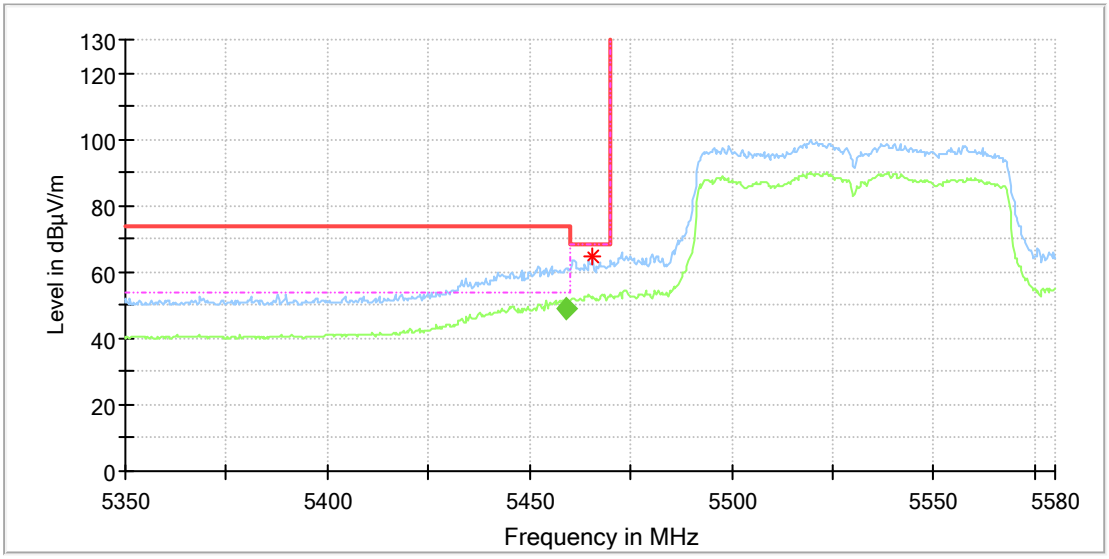
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch106
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

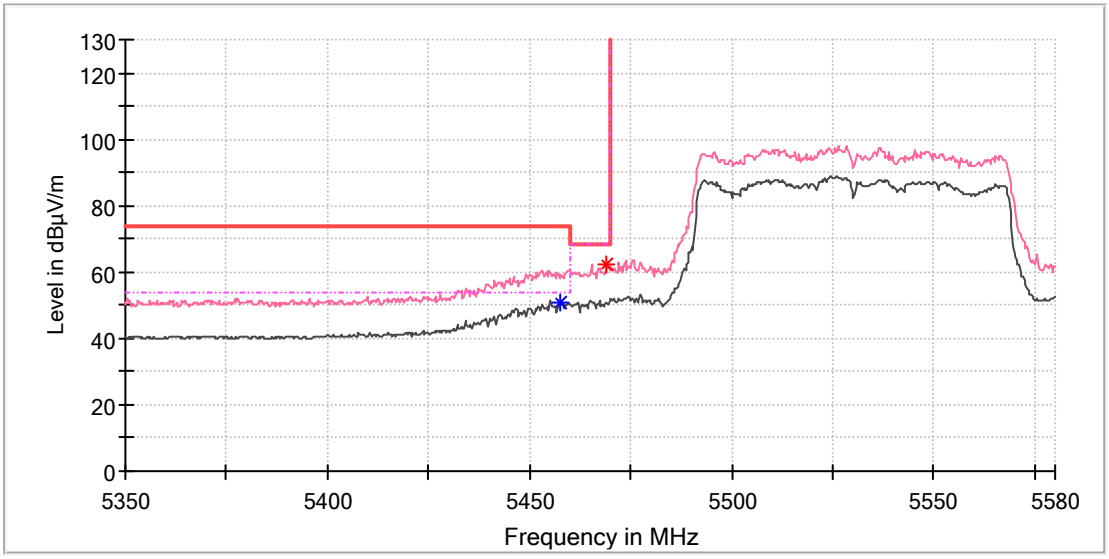
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5465.605556	64.57	---	68.20	3.63	100.0	H	0.0	13.6

Final_Result

Frequency (MHz)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5459.002777	48.93	54.00	5.07	105.0	H	0.0	13.6

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch106
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5457.738889	---	50.94	54.00	3.06	100.0	V	335.0	13.6
5469.211111	62.06	---	68.20	6.14	100.0	V	335.0	13.6

Final_Result

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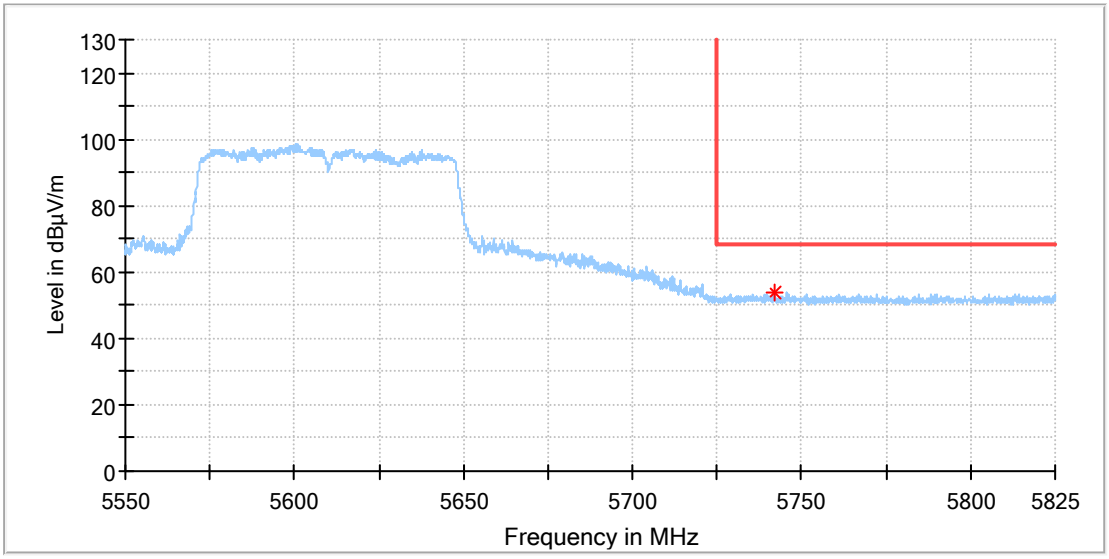
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch122
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5741.808333	53.88	68.20	14.32	100.0	H	335.0	13.9

Final_Result

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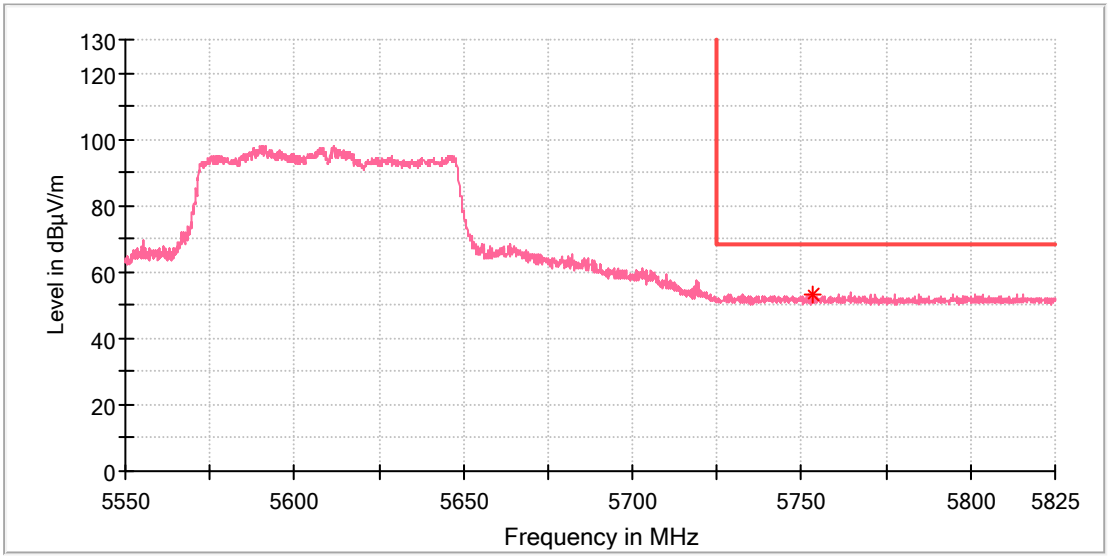
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch122
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5753.161111	53.29	68.20	14.91	100.0	V	355.0	13.9

Final_Result

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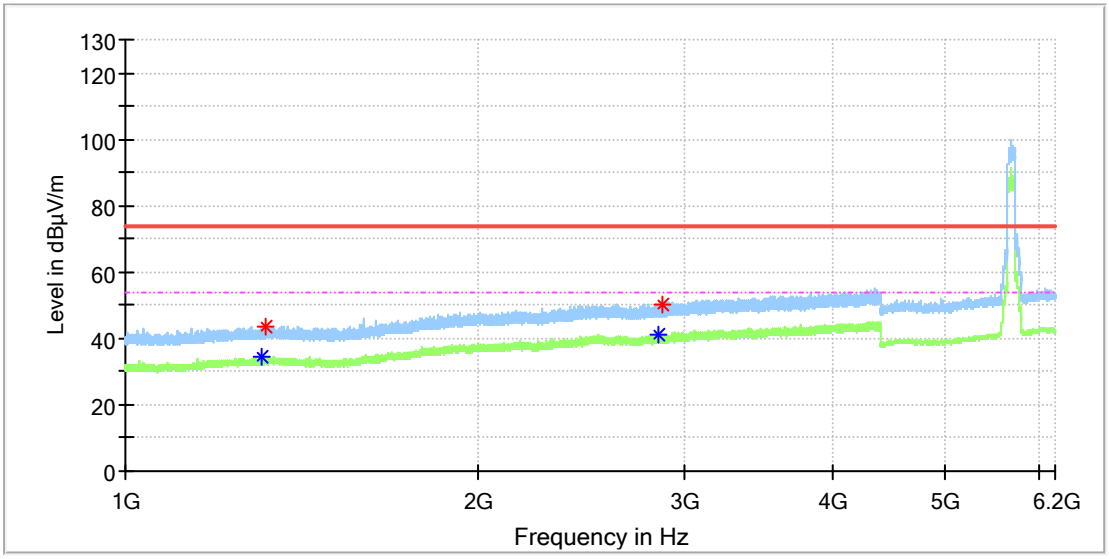
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch138
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1304.470000	---	34.50	54.00	19.50	100.0	H	51.0	1.9
1314.500000	43.27	---	74.00	30.73	100.0	H	92.0	2.0
2849.600000	---	41.11	54.00	12.89	100.0	H	354.0	8.1
2870.680000	50.05	---	74.00	23.95	100.0	H	158.0	8.2

Final_Result

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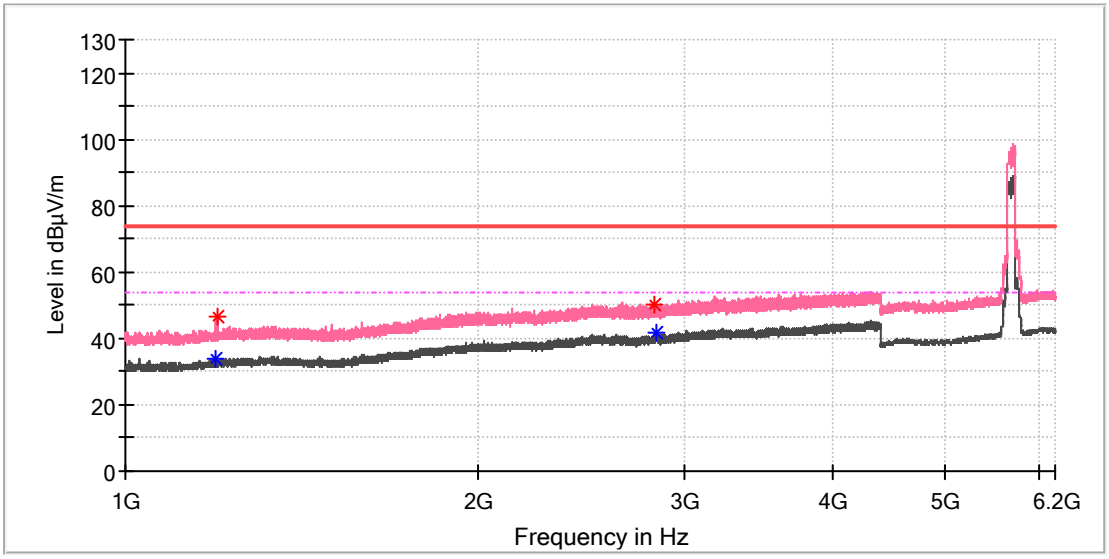
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch138
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1195.670000	---	33.97	54.00	20.03	100.0	V	109.0	1.1
1198.560000	46.63	---	74.00	27.37	100.0	V	109.0	1.1
2824.100000	50.32	---	74.00	23.68	100.0	V	16.0	8.1
2832.940000	---	41.57	54.00	12.43	100.0	V	37.0	8.1

Final_Result

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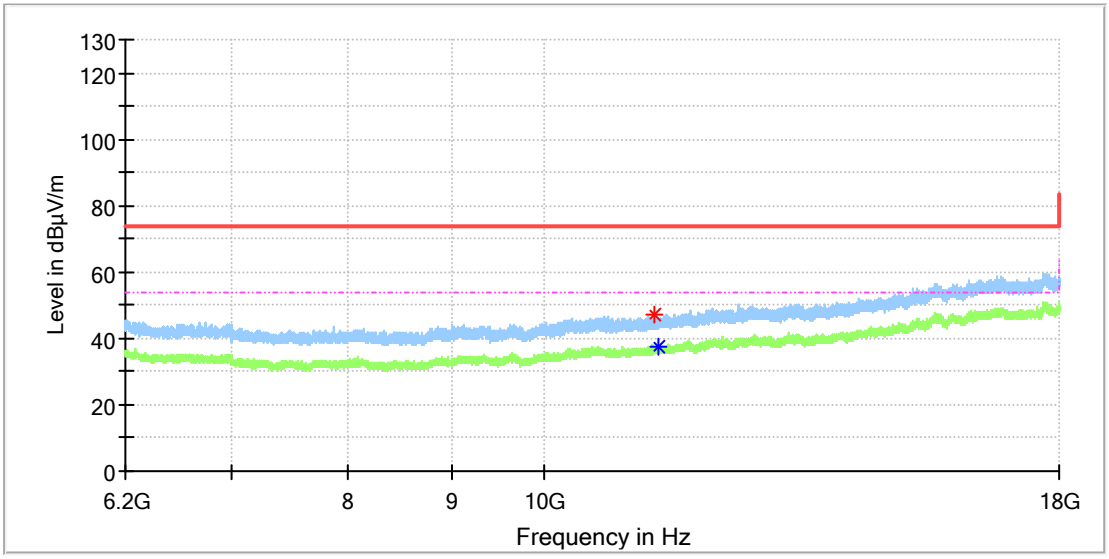
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch138
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11342.833333	47.25	---	74.00	26.75	100.0	H	216.0	12.5
11399.866667	---	37.74	54.00	16.26	100.0	H	329.0	12.8

Final_Result

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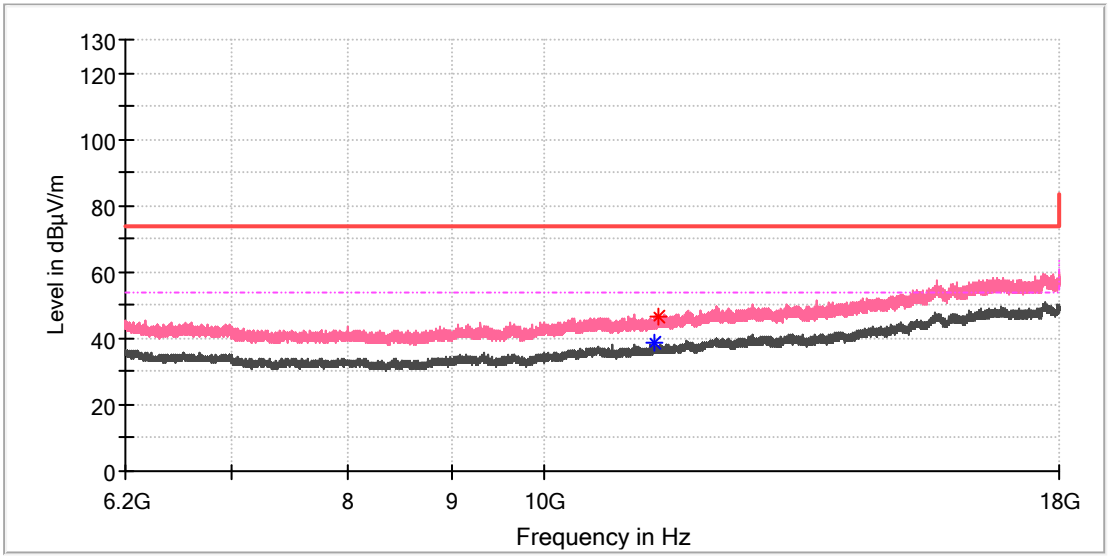
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch138
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11350.700000	---	38.44	54.00	15.56	100.0	V	57.0	12.5
11397.900000	46.71	---	74.00	27.29	100.0	V	1.0	12.7

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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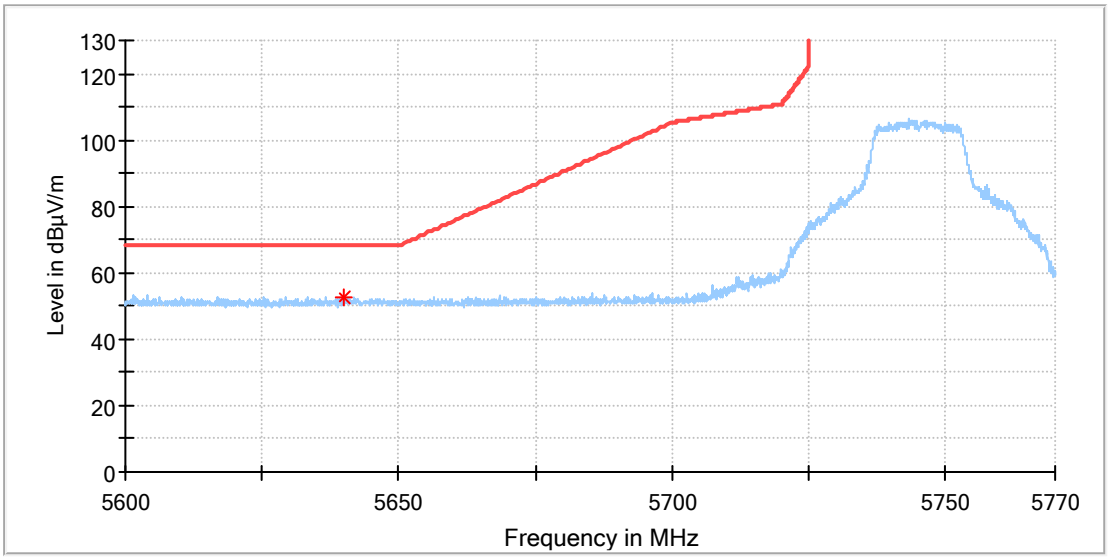
U-NII-3 Band

EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5639.966667	52.60	68.20	15.60	100.0	H	359.0	13.8

Final_Result

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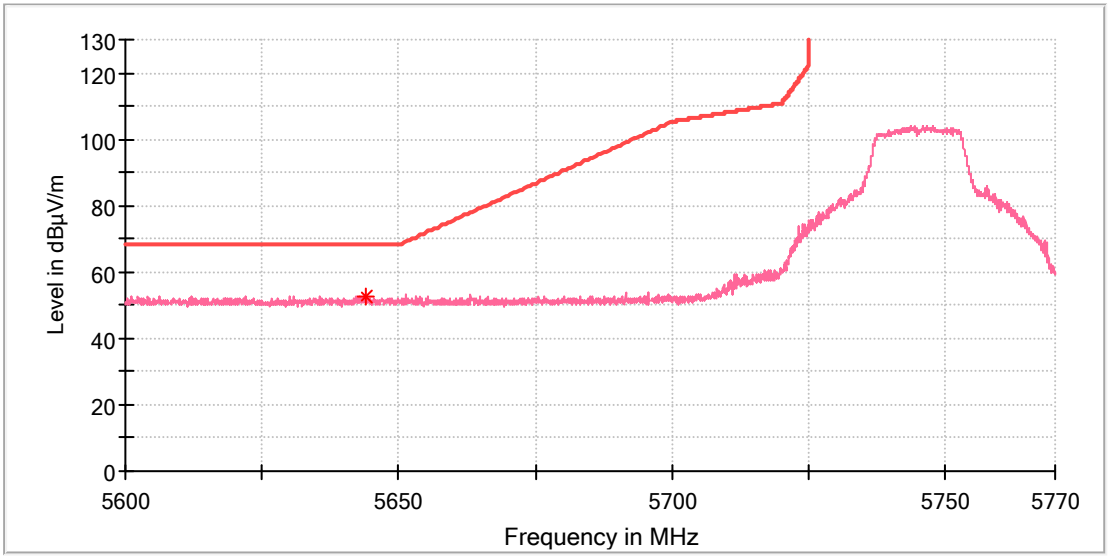
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5643.816667	52.81	68.20	15.39	100.0	V	292.0	13.8

Final_Result

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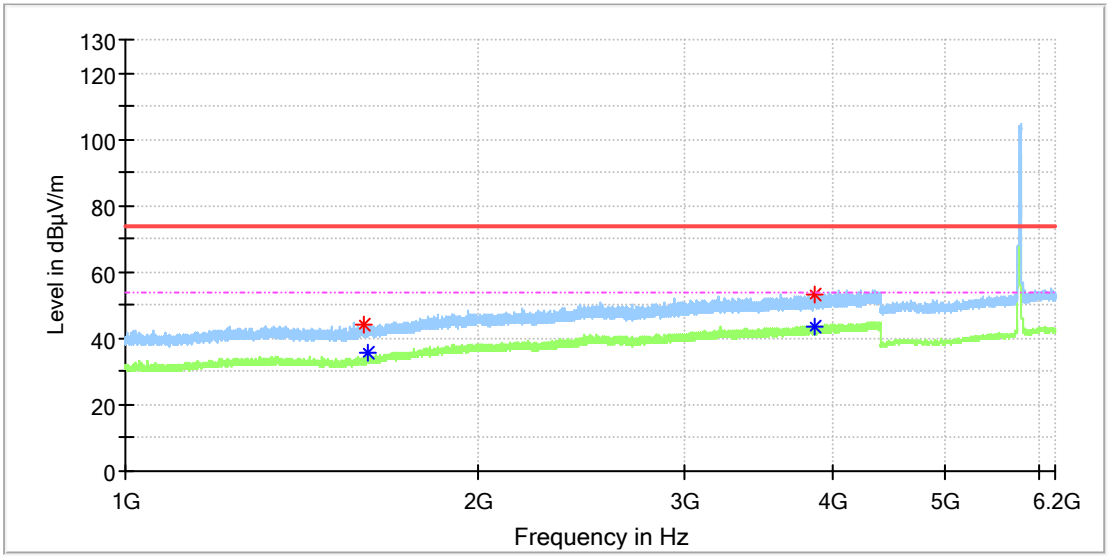
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1594.320000	44.41	---	74.00	29.59	100.0	H	216.0	2.0
1612.170000	---	35.48	54.00	18.52	100.0	H	140.0	2.2
3871.300000	---	43.40	54.00	10.60	100.0	H	275.0	10.0
3872.830000	53.22	---	74.00	20.78	100.0	H	183.0	10.0

Final_Result

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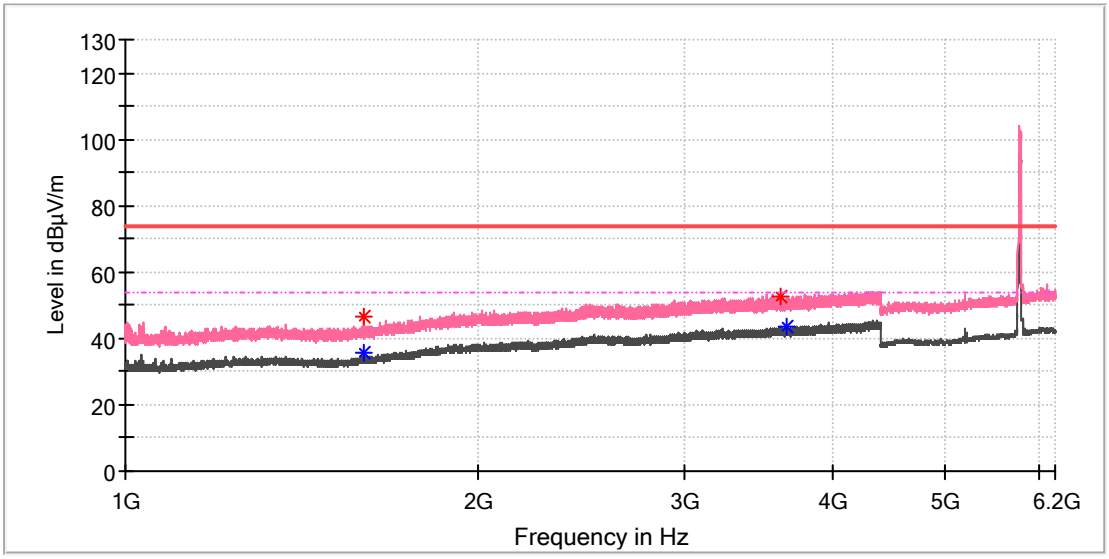
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1595.000000	46.76	---	74.00	27.24	100.0	V	98.0	2.0
1595.000000	---	35.41	54.00	18.59	100.0	V	98.0	2.0
3613.580000	52.51	---	74.00	21.49	100.0	V	200.0	9.4
3653.700000	---	43.77	54.00	10.23	100.0	V	30.0	9.4

Final_Result

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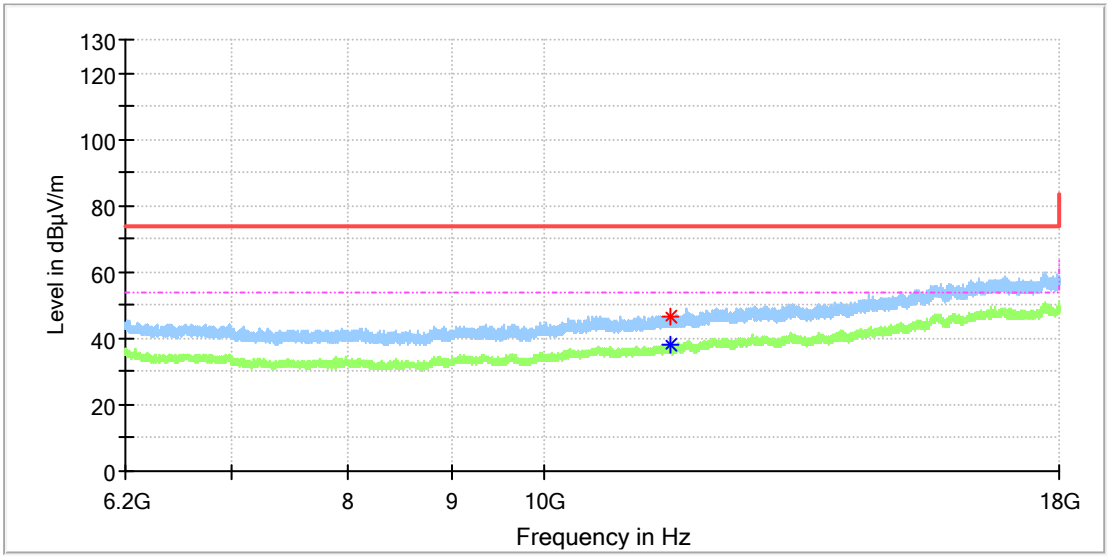
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11539.008333	---	38.10	54.00	15.90	100.0	H	340.0	13.5
11562.116667	46.32	---	74.00	27.68	100.0	H	352.0	13.4

Final_Result

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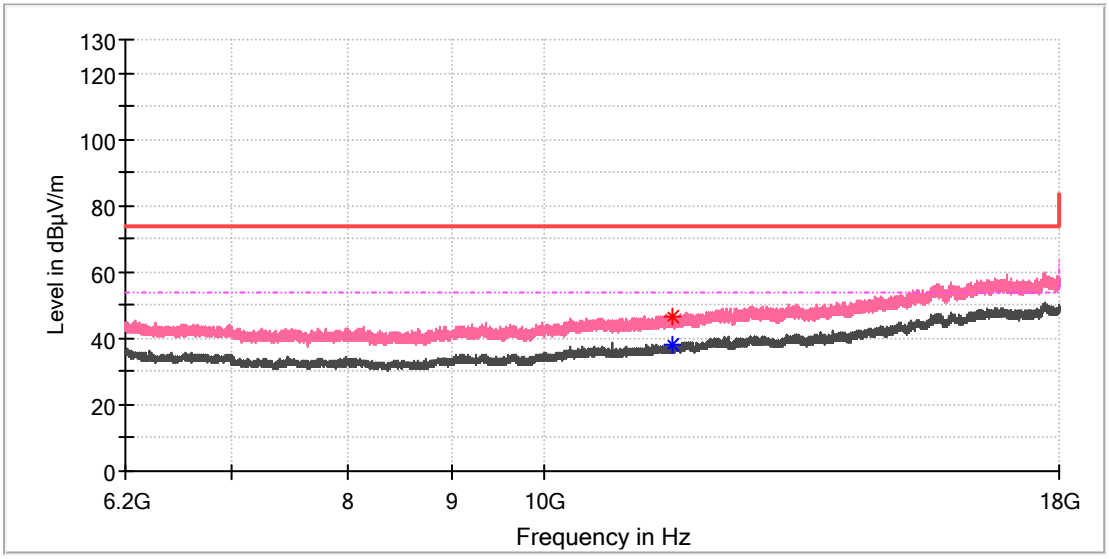
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch149
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11571.950000	---	38.06	54.00	15.95	100.0	V	34.0	13.4
11578.833333	46.65	---	74.00	27.35	100.0	V	177.0	13.4

Final_Result

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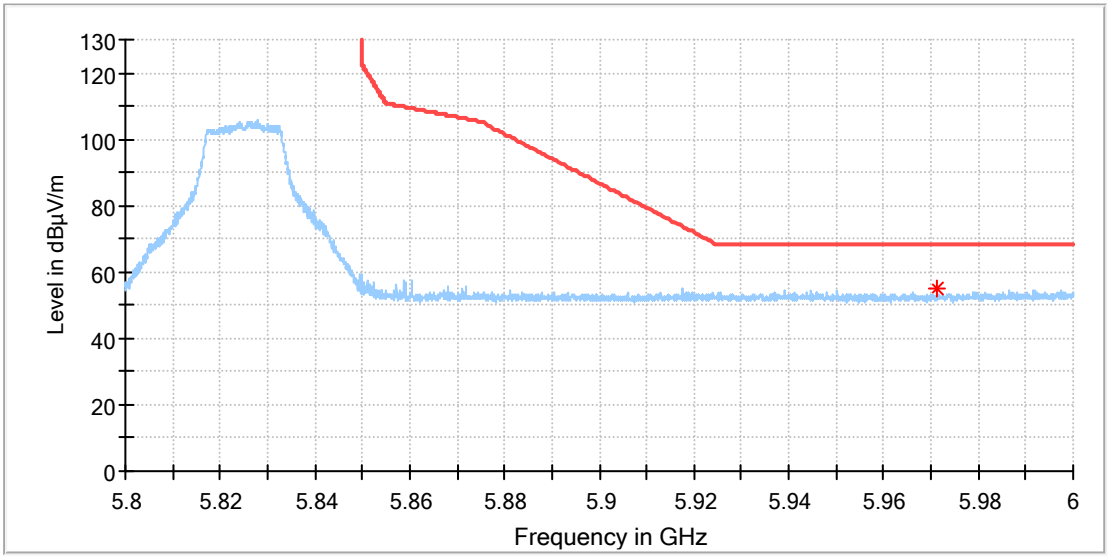
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch165
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5971.186111	54.95	68.20	13.25	100.0	H	313.0	14.9

Final_Result

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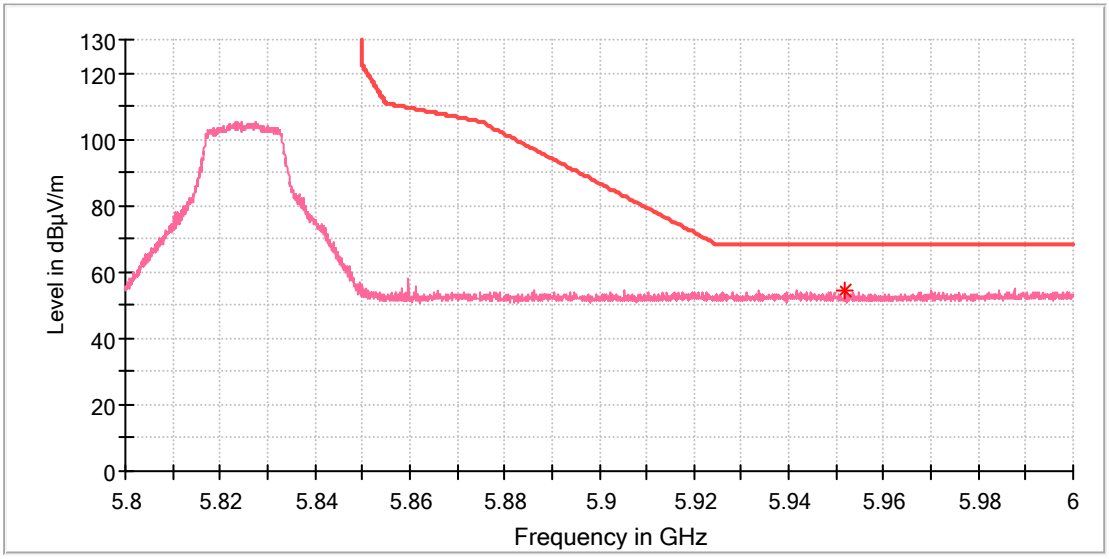
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11a_Ch165
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5951.955556	54.48	68.20	13.72	100.0	V	350.0	14.8

Final_Result

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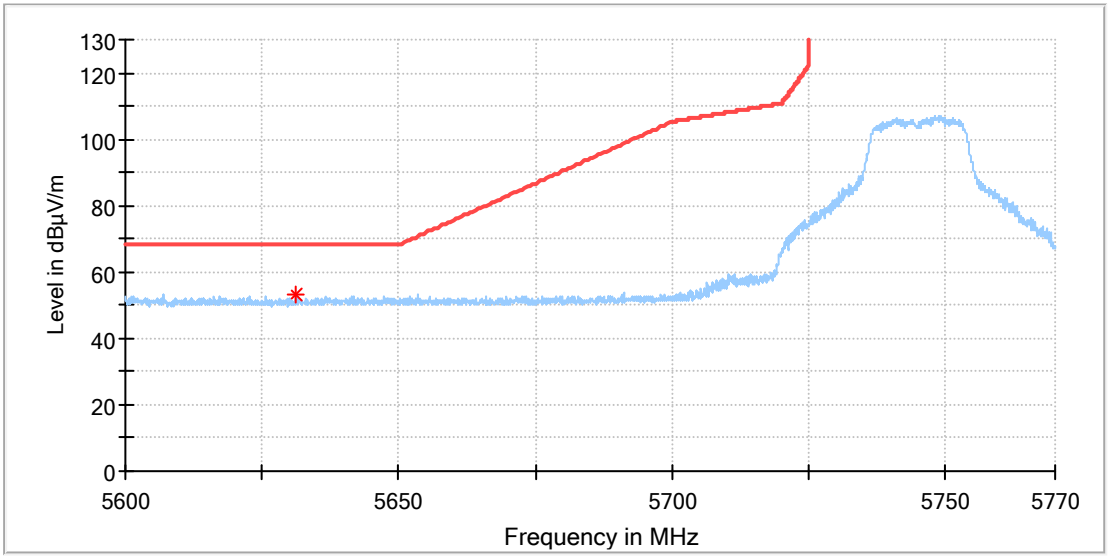
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch149
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5631.166667	53.14	68.20	15.06	100.0	H	27.0	13.8

Final_Result

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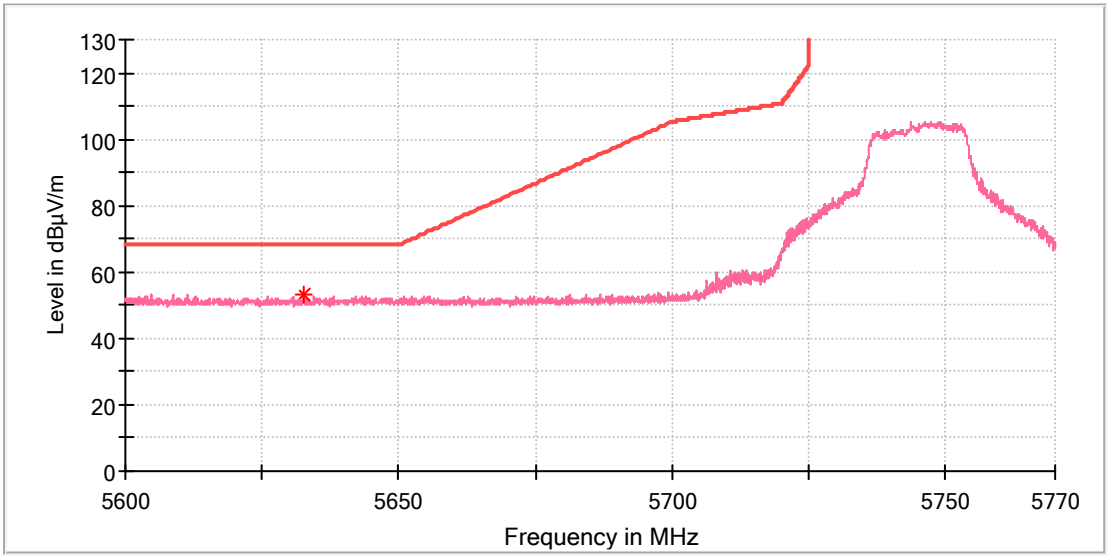
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch149
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5632.450000	53.27	68.20	14.93	100.0	V	133.0	13.8

Final_Result

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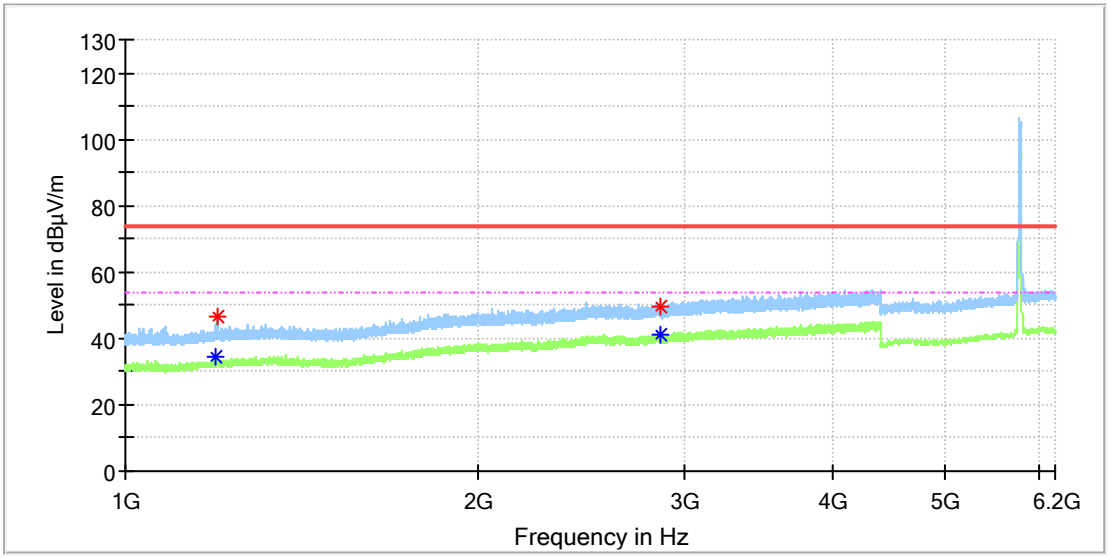
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch157
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1195.160000	---	34.31	54.00	19.69	100.0	H	316.0	1.1
1197.540000	46.74	---	74.00	27.26	100.0	H	316.0	1.1
2852.660000	---	41.23	54.00	12.77	100.0	H	336.0	8.1
2860.650000	49.78	---	74.00	24.22	100.0	H	97.0	8.2

Final_Result

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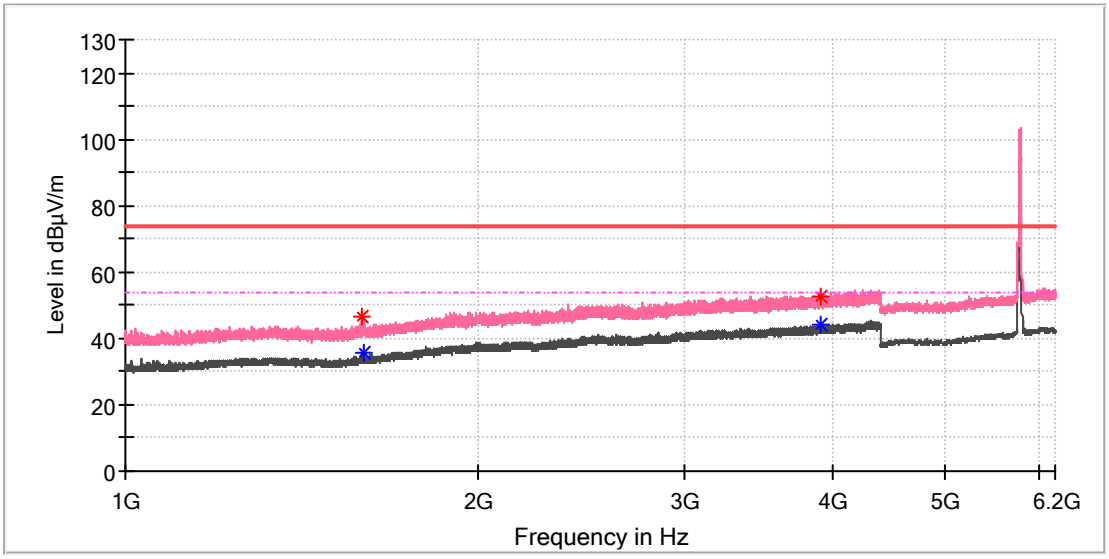
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch157
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1592.790000	46.69	---	74.00	27.31	100.0	V	252.0	2.0
1597.210000	---	35.40	54.00	18.60	100.0	V	154.0	2.1
3910.910000	52.56	---	74.00	21.44	100.0	V	177.0	10.1
3916.180000	---	43.92	54.00	10.08	100.0	V	275.0	10.1

Final_Result

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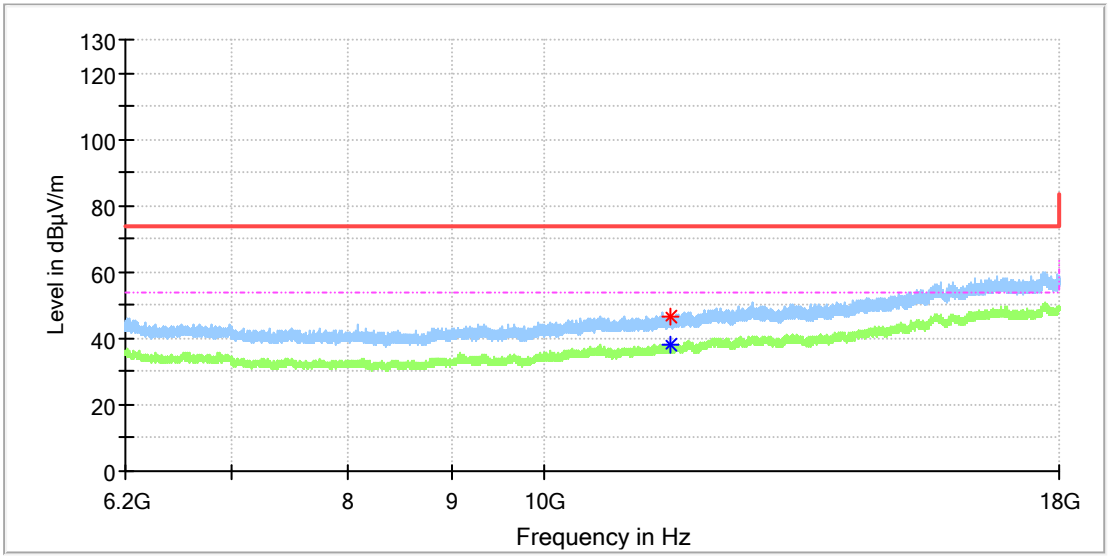
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch157
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11544.908333	46.64	---	74.00	27.36	100.0	H	228.0	13.5
11555.233333	---	37.82	54.00	16.18	100.0	H	80.0	13.5

Final_Result

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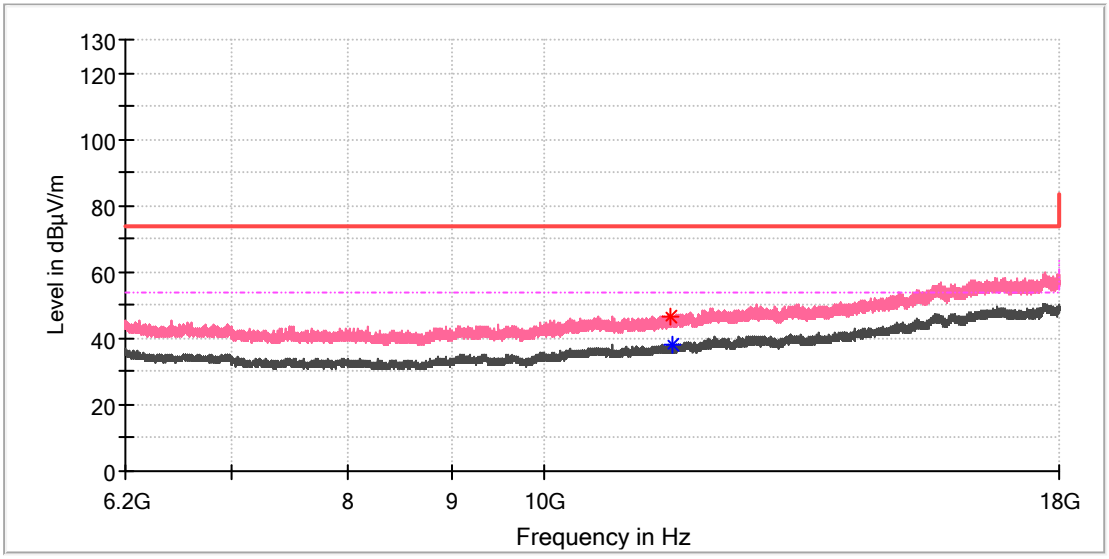
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch157
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11557.691667	46.85	---	74.00	27.15	100.0	V	301.0	13.5
11565.558333	---	37.99	54.00	16.01	100.0	V	277.0	13.4

Final_Result

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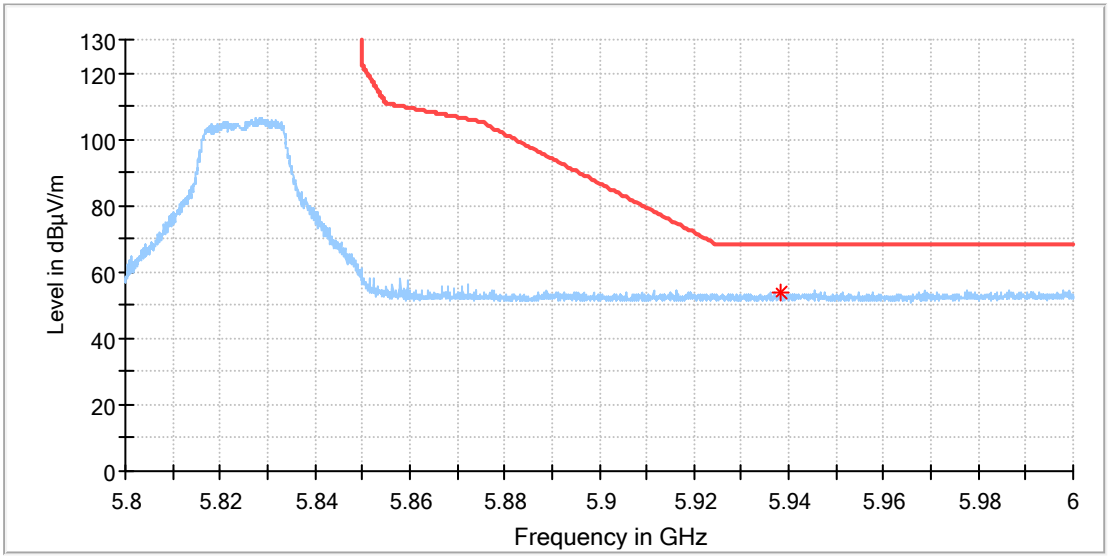
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch165
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5938.411111	53.87	68.20	14.33	100.0	H	51.0	14.7

Final_Result

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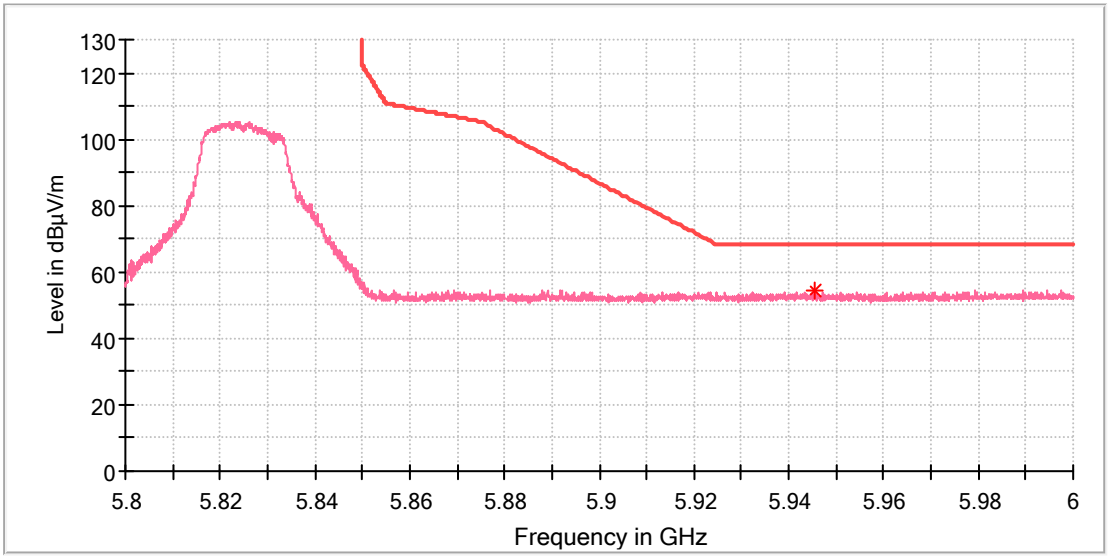
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11n20_Ch165
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5945.438889	54.20	68.20	14.00	100.0	V	207.0	14.7

Final_Result

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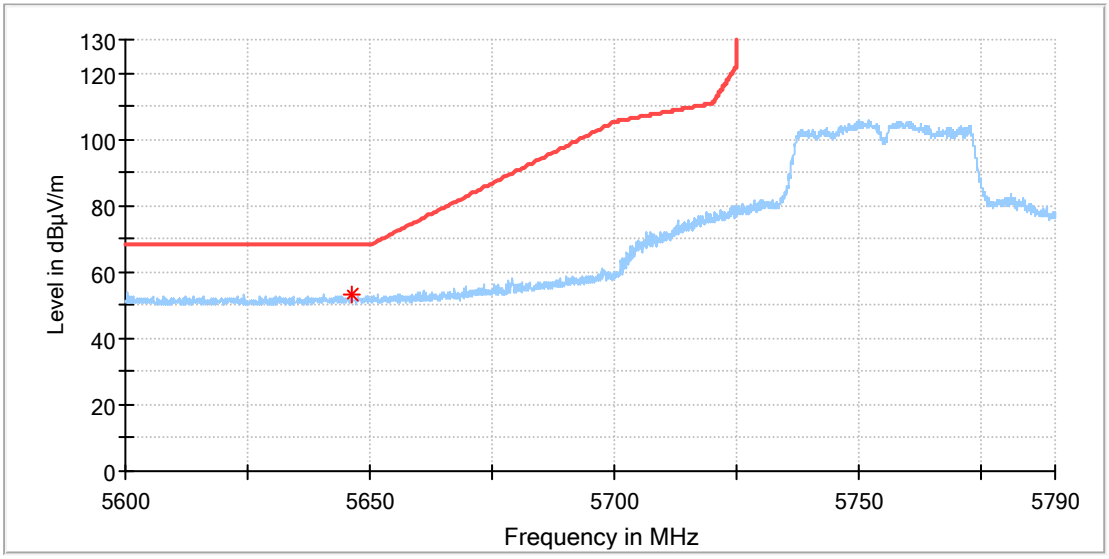
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac40_Ch151
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5646.200000	53.11	68.20	15.09	100.0	H	8.0	13.8

Final_Result

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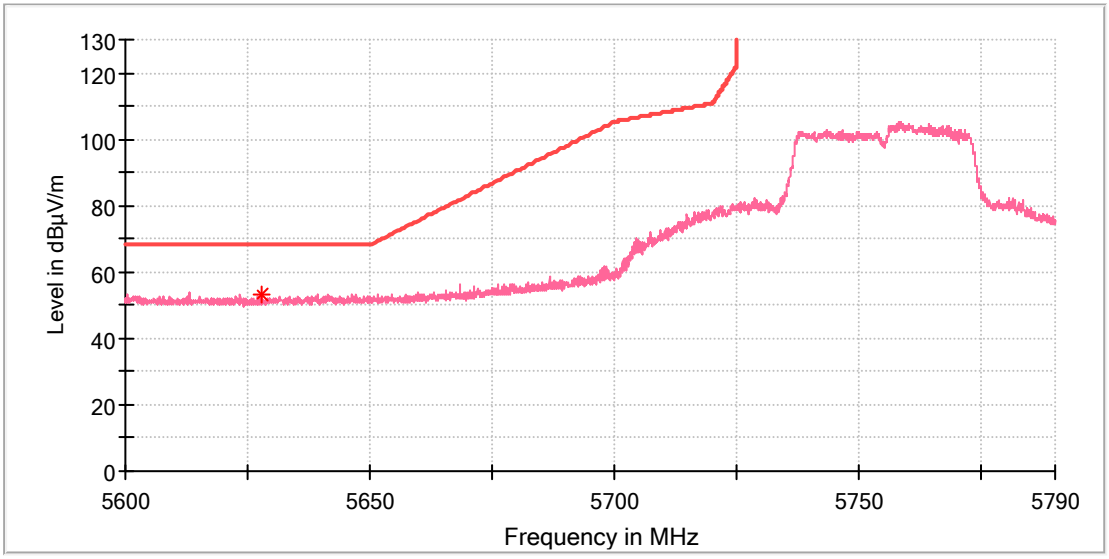
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac40_Ch151
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5627.805556	53.43	68.20	14.77	100.0	V	158.0	13.8

Final_Result

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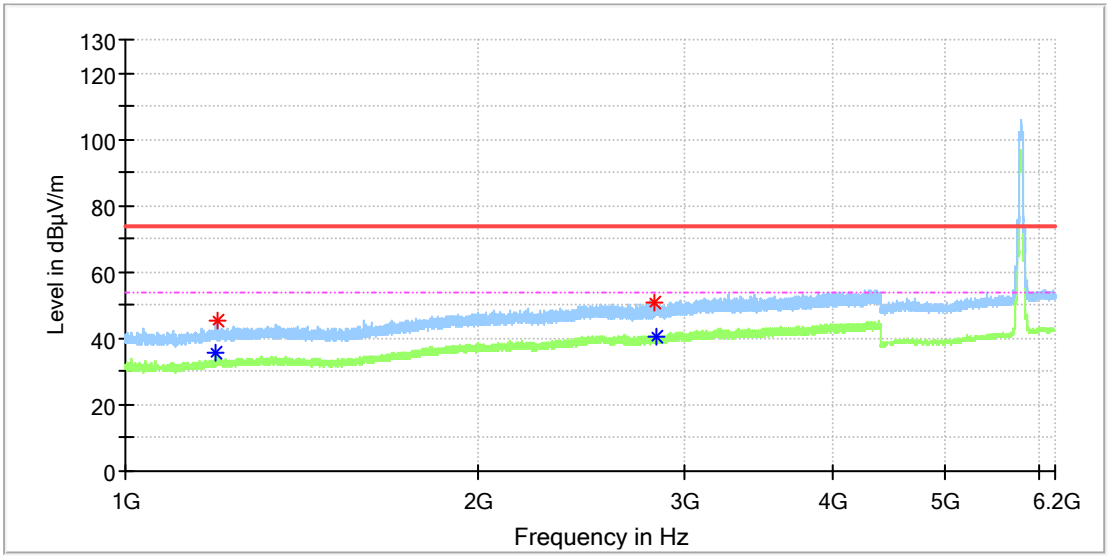
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac40_Ch159
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1195.160000	---	35.55	54.00	18.45	100.0	H	67.0	1.1
1197.370000	45.21	---	74.00	28.79	100.0	H	67.0	1.1
2821.550000	51.00	---	74.00	23.00	100.0	H	266.0	8.1
2830.050000	---	40.70	54.00	13.30	100.0	H	90.0	8.1

Final_Result

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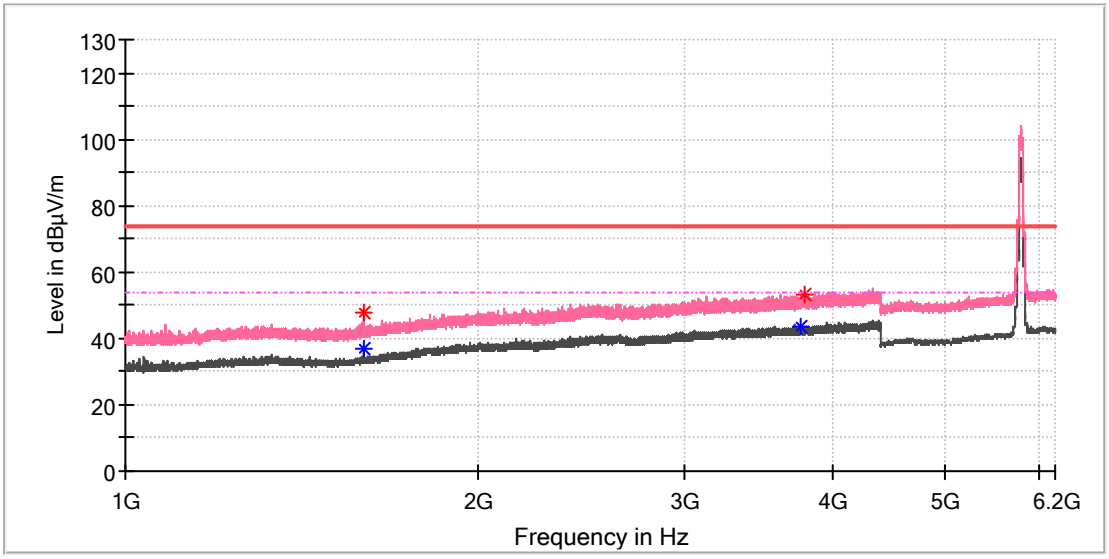
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac40_Ch159
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1595.340000	47.76	---	74.00	26.24	100.0	V	315.0	2.0
1595.340000	---	37.10	54.00	16.90	100.0	V	315.0	2.0
3765.390000	---	43.59	54.00	10.41	100.0	V	337.0	9.7
3792.930000	53.04	---	74.00	20.96	100.0	V	0.0	9.8

Final_Result

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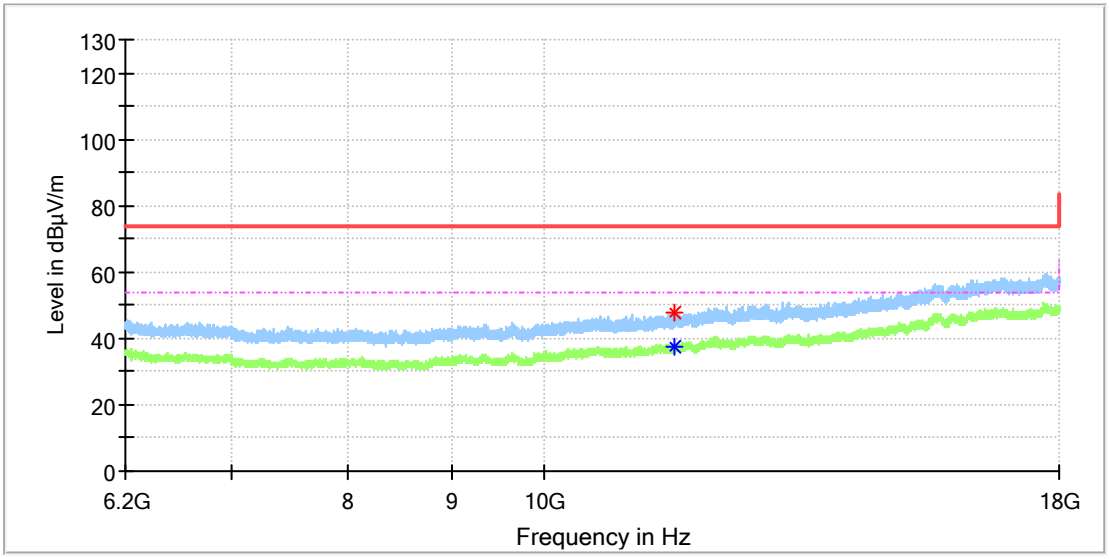
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac40_Ch159
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11589.650000	---	37.72	54.00	16.28	100.0	H	356.0	13.3
11615.708333	47.61	---	74.00	26.39	100.0	H	188.0	13.3

Final_Result

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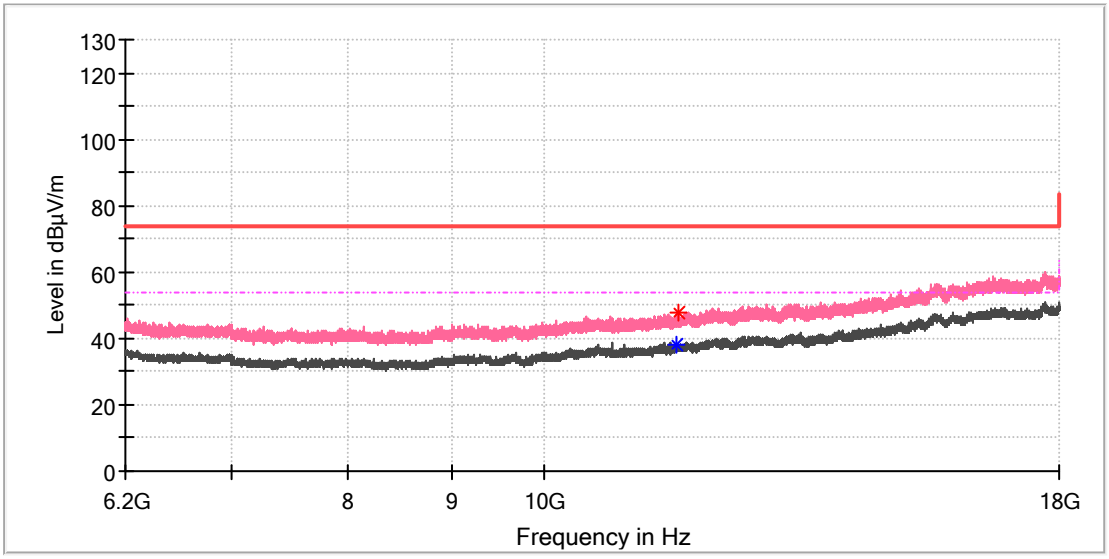
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac40_Ch159
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11620.625000	---	38.16	54.00	15.84	100.0	V	30.0	13.3
11660.450000	47.61	---	74.00	26.39	100.0	V	6.0	13.3

Final_Result

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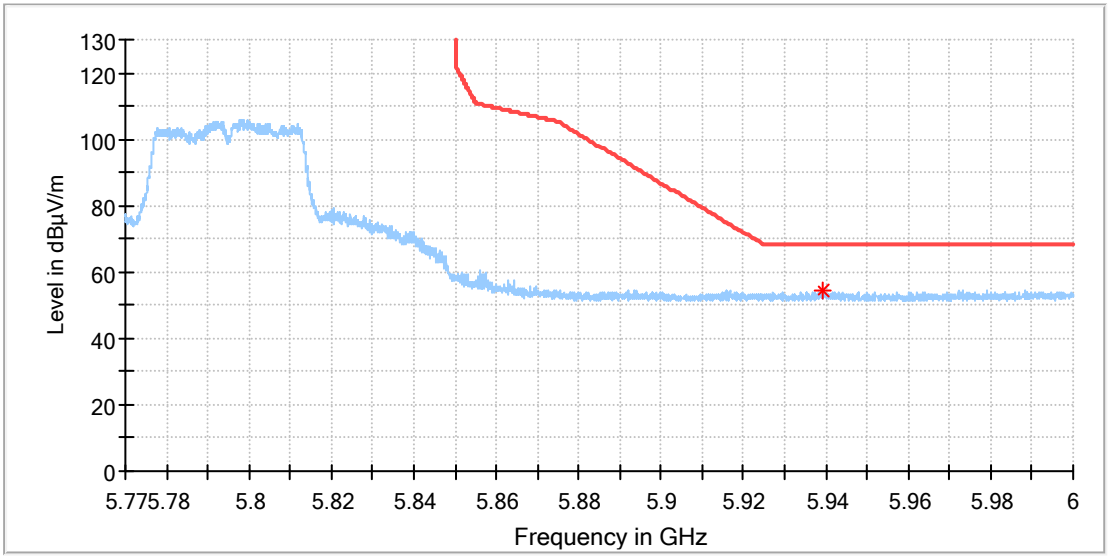
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac40_Ch159
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5939.050000	54.23	68.20	13.97	100.0	H	156.0	14.7

Final_Result

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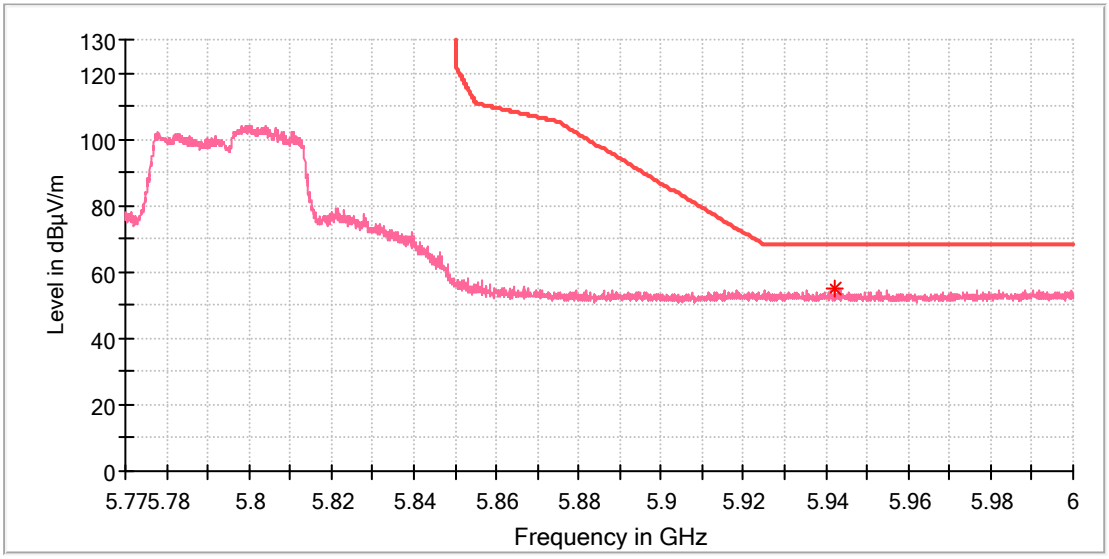
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac40_Ch159
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5941.988889	54.94	68.20	13.26	100.0	V	53.0	14.7

Final_Result

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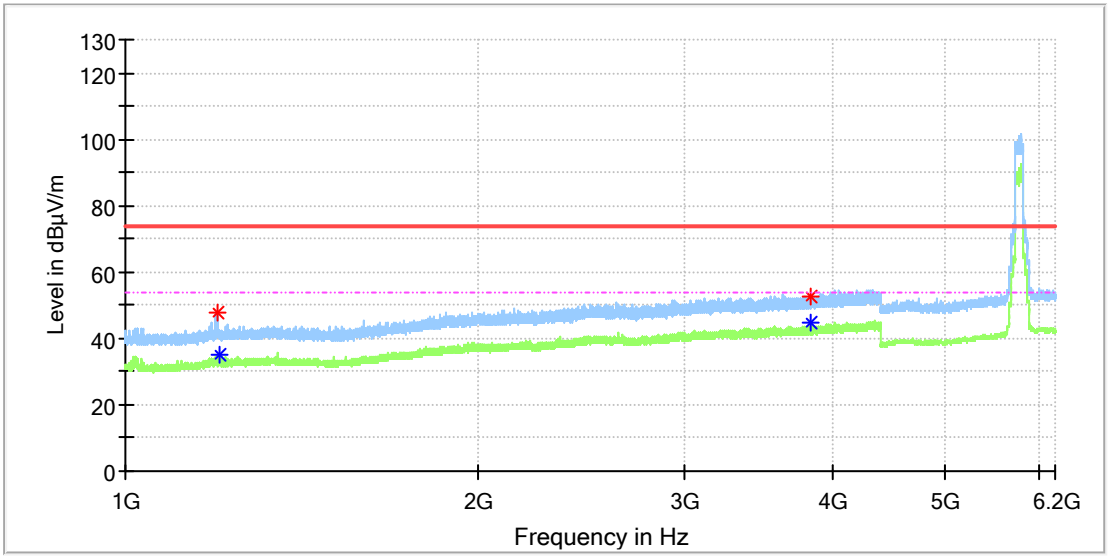
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch155
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1196.690000	48.05	---	74.00	25.95	100.0	H	309.0	1.1
1203.150000	---	34.87	54.00	19.13	100.0	H	309.0	1.2
3830.160000	52.71	---	74.00	21.29	100.0	H	211.0	9.9
3840.700000	---	44.44	54.00	9.56	100.0	H	243.0	9.9

Final_Result

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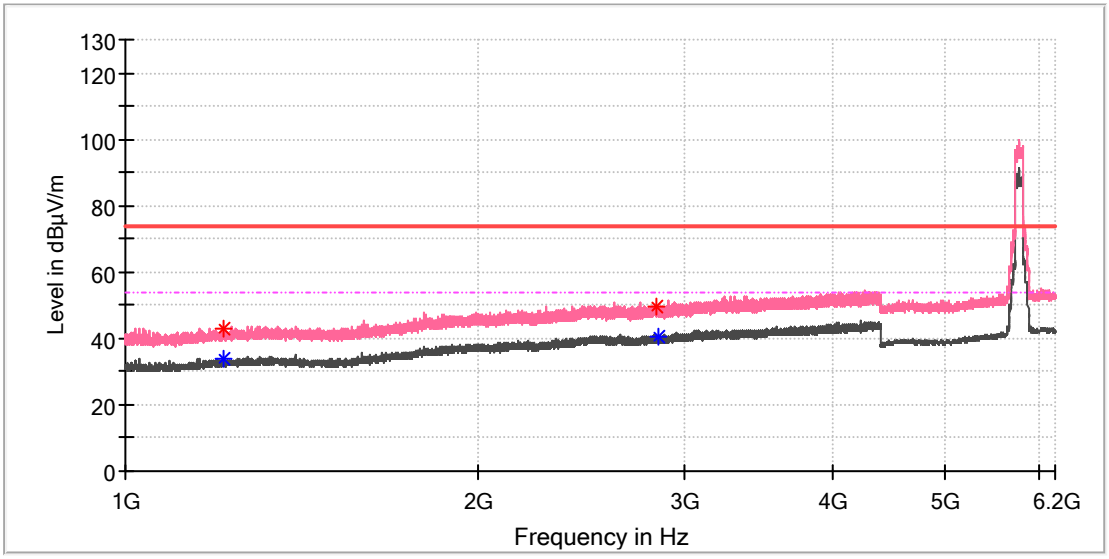
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch155
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
1211.140000	42.90	---	74.00	31.10	100.0	V	346.0	1.3
1211.480000	---	33.63	54.00	20.37	100.0	V	223.0	1.3
2839.910000	49.29	---	74.00	24.71	100.0	V	0.0	8.1
2842.630000	---	40.77	54.00	13.23	100.0	V	112.0	8.1

Final_Result

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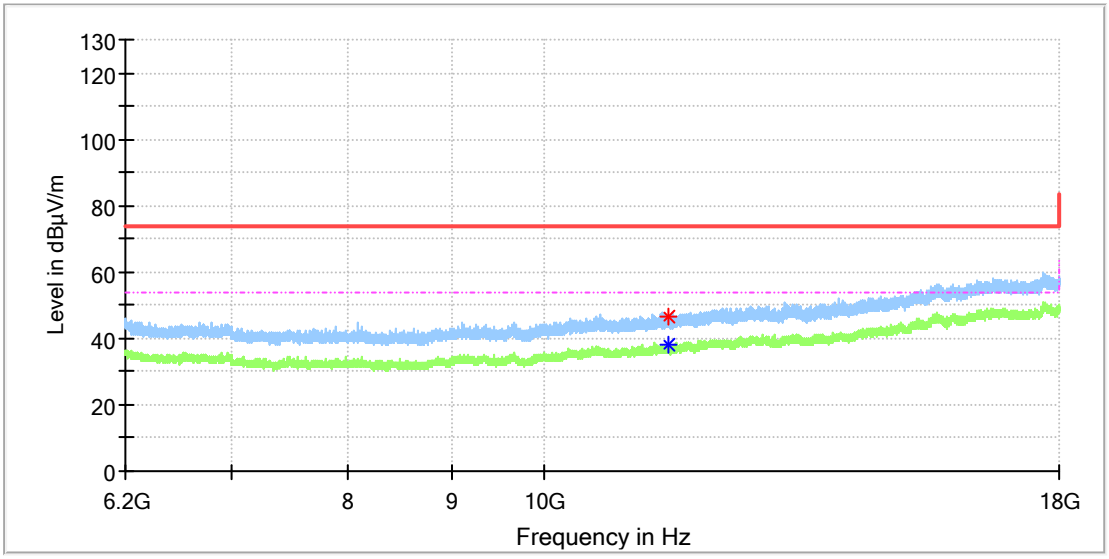
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch155
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
11513.441667	46.65	---	74.00	27.35	100.0	H	69.0	13.6
11514.916667	---	37.89	54.00	16.11	100.0	H	21.0	13.6

Final_Result

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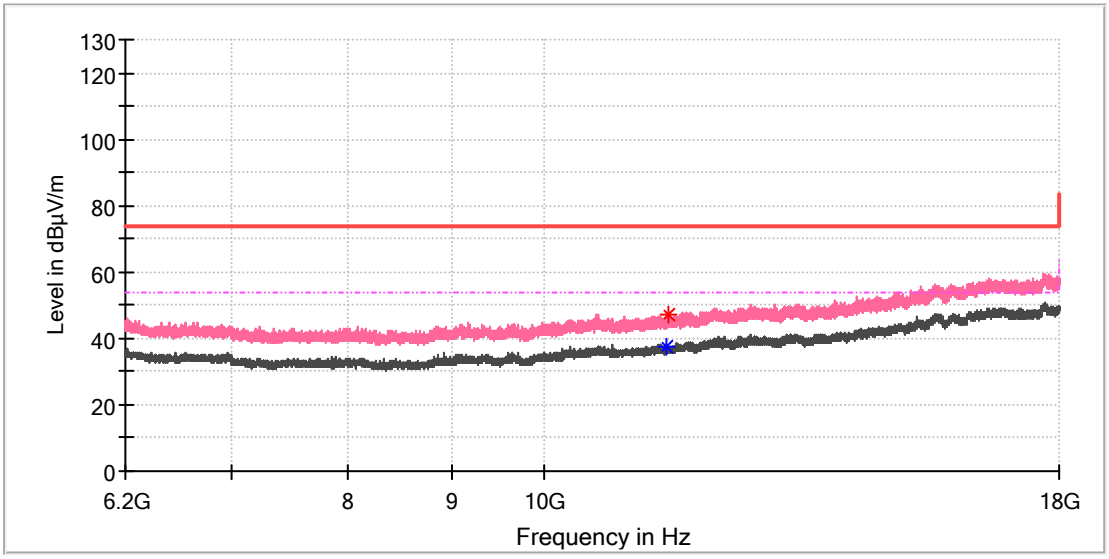
EUT Information

EUT Name:	Portable Thermal Camera
Model:	S1280
Test Mode:	WIFI 5G_11ac80_Ch155
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

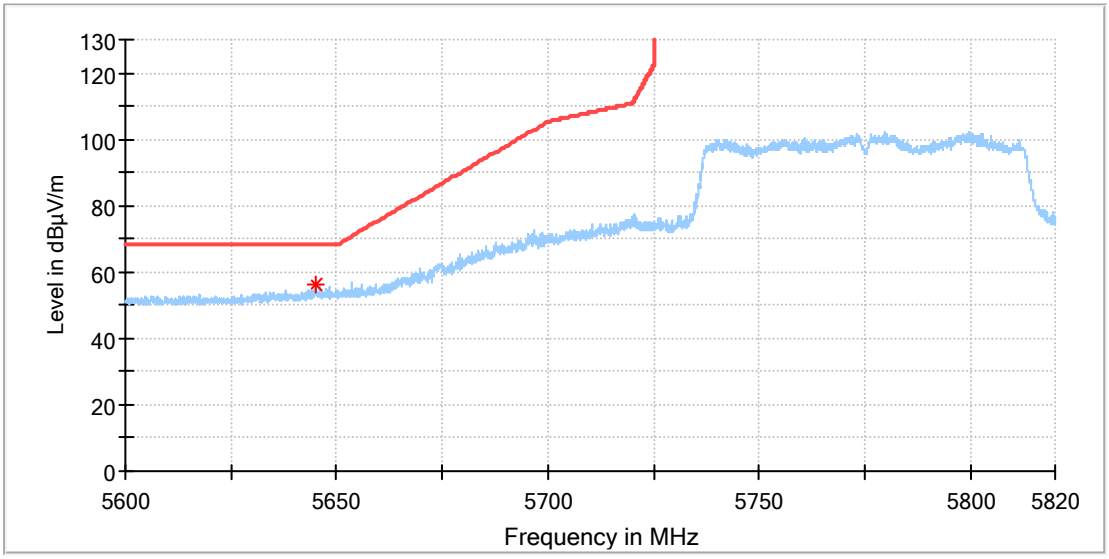
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
11504.591667	---	37.70	54.00	16.30	100.0	V	148.0	13.7
11529.175000	47.22	---	74.00	26.78	100.0	V	183.0	13.6

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 5G_11ac80_Ch155
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
Tested By:	Kei Zhang
Reviewed By:	Terry Yin



Critical_Freqs

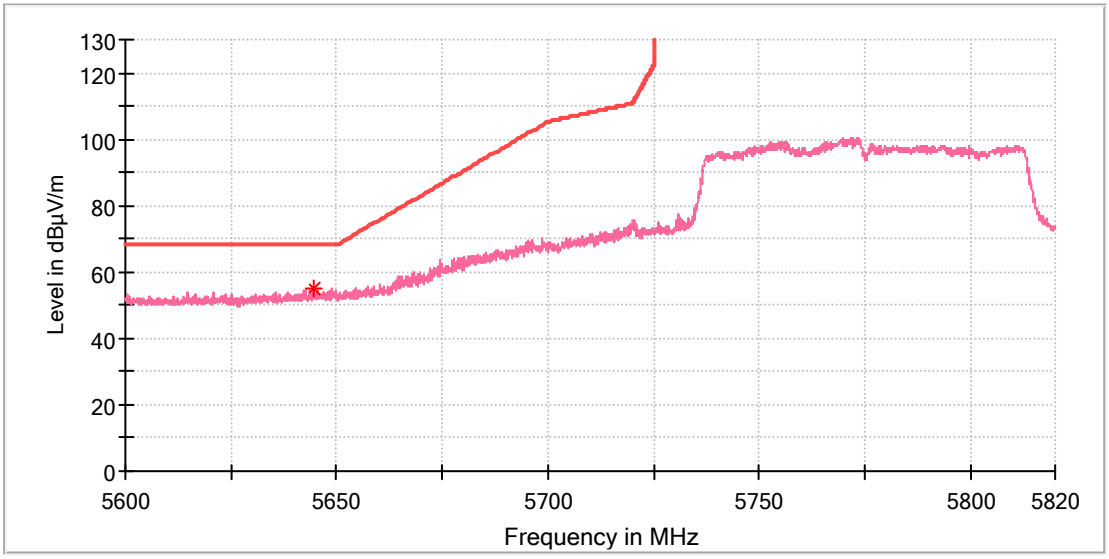
Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
5645.161111	55.98	68.20	12.22	100.0	H	353.0	13.8

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 5G_11ac80_Ch155
Order No/Sample No:	168392026/A003352666-001
Test Voltage:	Battery
Remark:	Temp 23 Humi:56%
Test Standard:	FCC 15.407
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)
5644.550000	54.84	68.20	13.36	100.0	V	354.0	13.8

Final_Result

Frequency (MHz)	MaxPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
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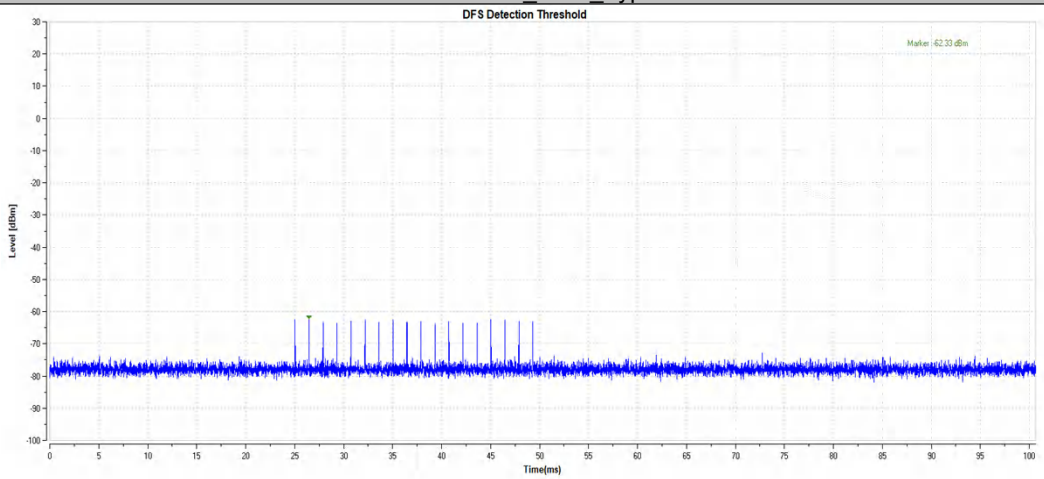
Appendix B.8: Test Results of Dynamic Frequency Selection (DFS)

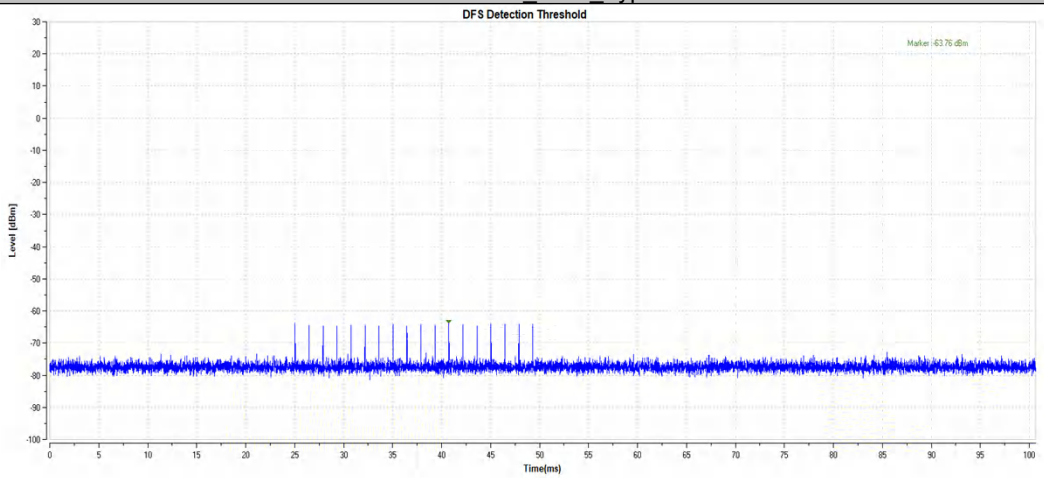
DFS Detection Thresholds

TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AC80SISO	5290	Type0	-62.33	-62.00	PASS
	5530	Type0	-63.76	-62.00	PASS

11AC80SISO_5290_Type0



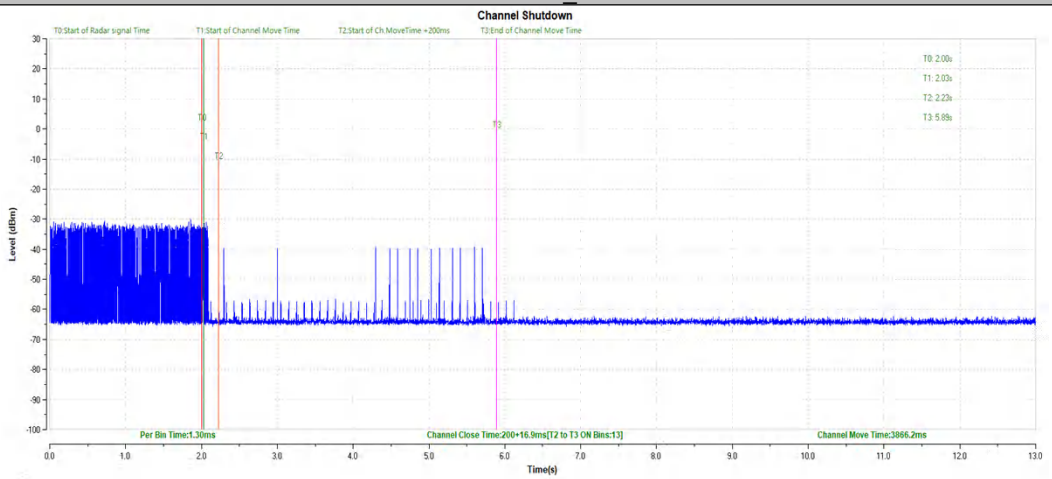
11AC80SISO_5530_Type0



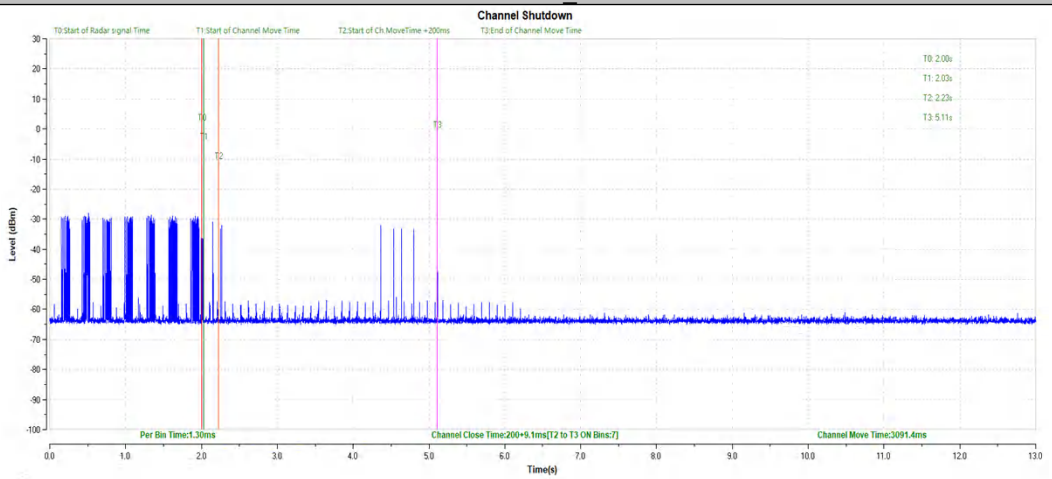
Channel Move Time and Channel Closing Transmission Time

TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80SISO	5290	200+16.9	200+60	3866.2	10000	PASS
	5530	200+9.1	200+60	3091.4	10000	PASS

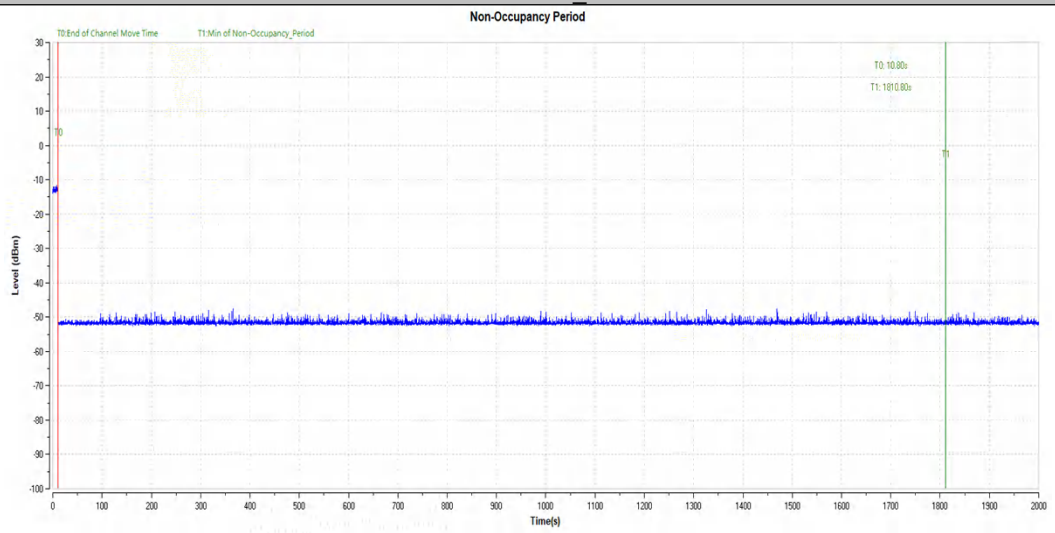
11AC80SISO_5290



11AC80SISO_5530



Non-Occupancy Period

TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11AC80SISO	5290	see test graph	≥1800	PASS

11AC160SISO_5570