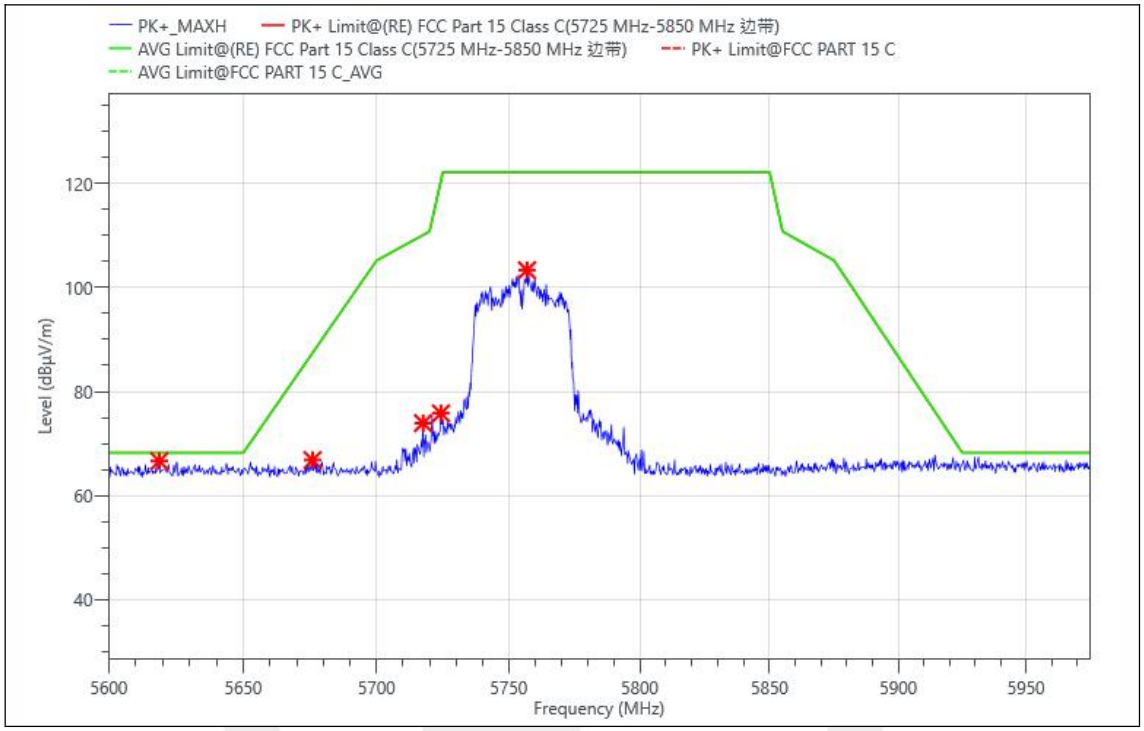
Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5755 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

DateTime:2026-05-17 19:42:27



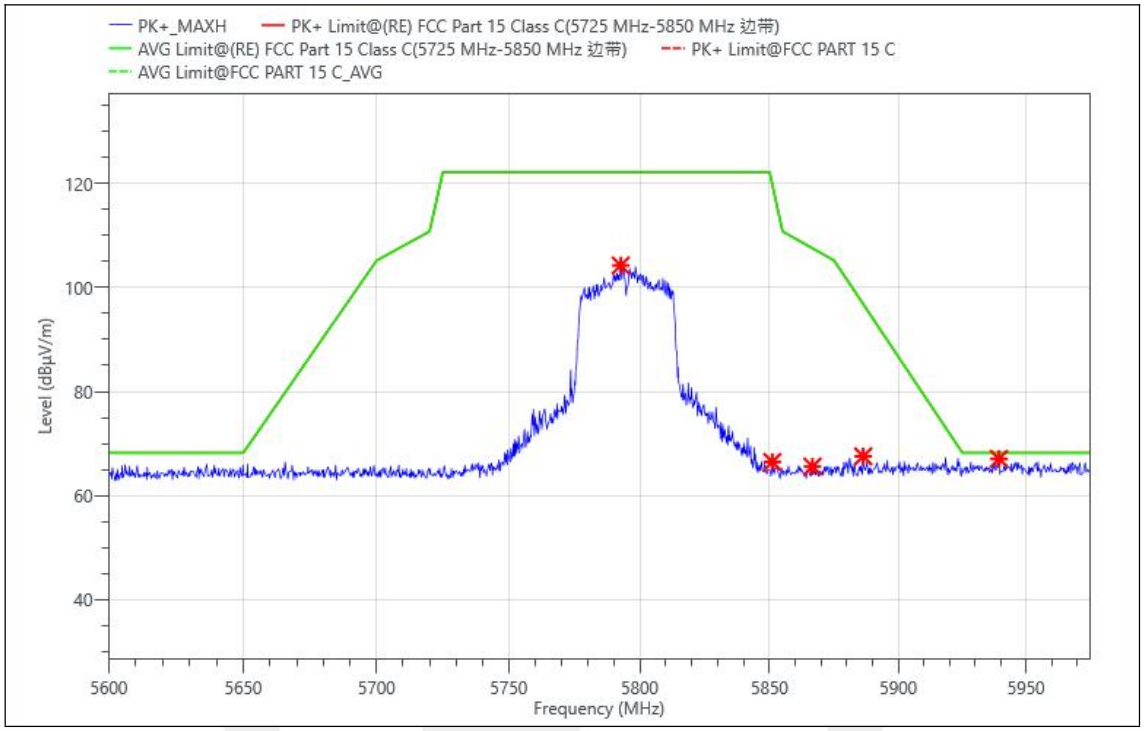
Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	5618.750	25.64	40.97	66.61	68.22	1.61	PK+	V
2	5675.938	25.49	41.32	66.81	87.45	20.64	PK+	V
3	5717.563	32.62	41.3	73.92	110.14	36.22	PK+	V
4	5724.313	34.49	41.31	75.80	120.65	44.85	PK+	V
5	5756.938	62.06	41.29	103.35	122.22	18.87	PK+	V

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5795 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

DateTime:2026-05-17 19:46:06



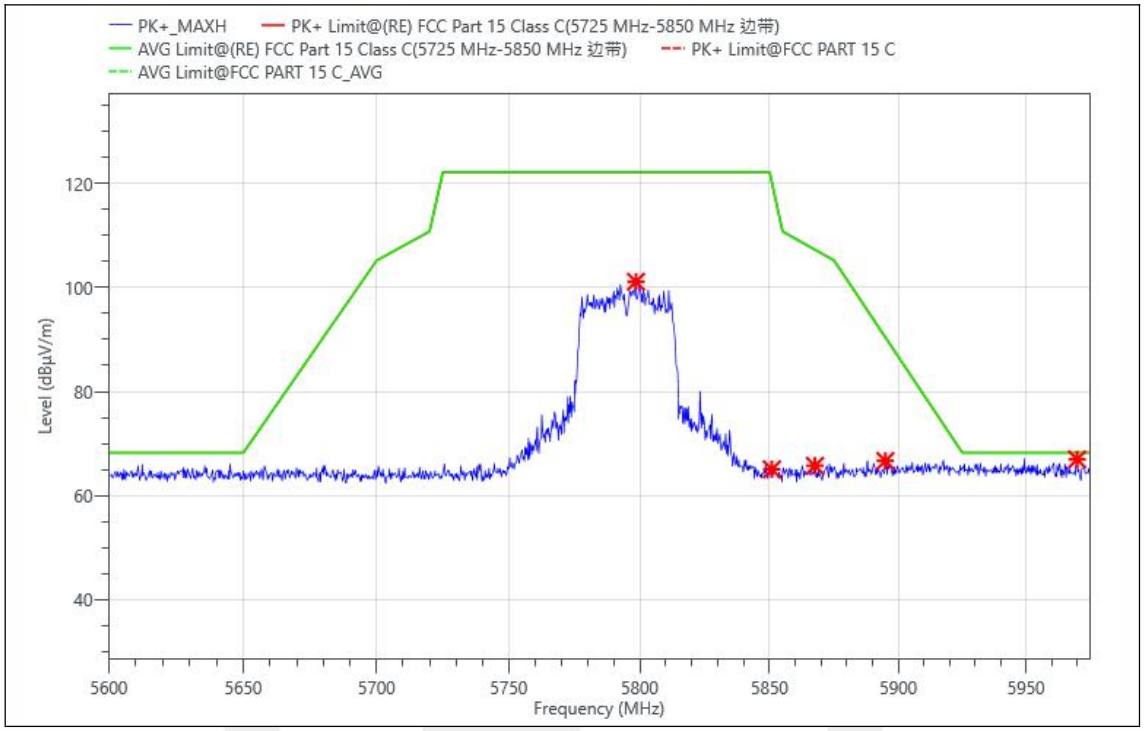
Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	5792.750	62.94	41.33	104.27	122.22	17.95	PK+	H
2	5851.063	25.10	41.34	66.44	119.80	53.36	PK+	H
3	5866.625	23.99	41.57	65.56	107.56	42.00	PK+	H
4	5886.313	25.67	41.86	67.53	96.82	29.29	PK+	H
5	5939.375	25.16	41.87	67.03	68.22	1.19	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5795 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

DateTime:2026-05-17 19:48:36



Critical_Freqs

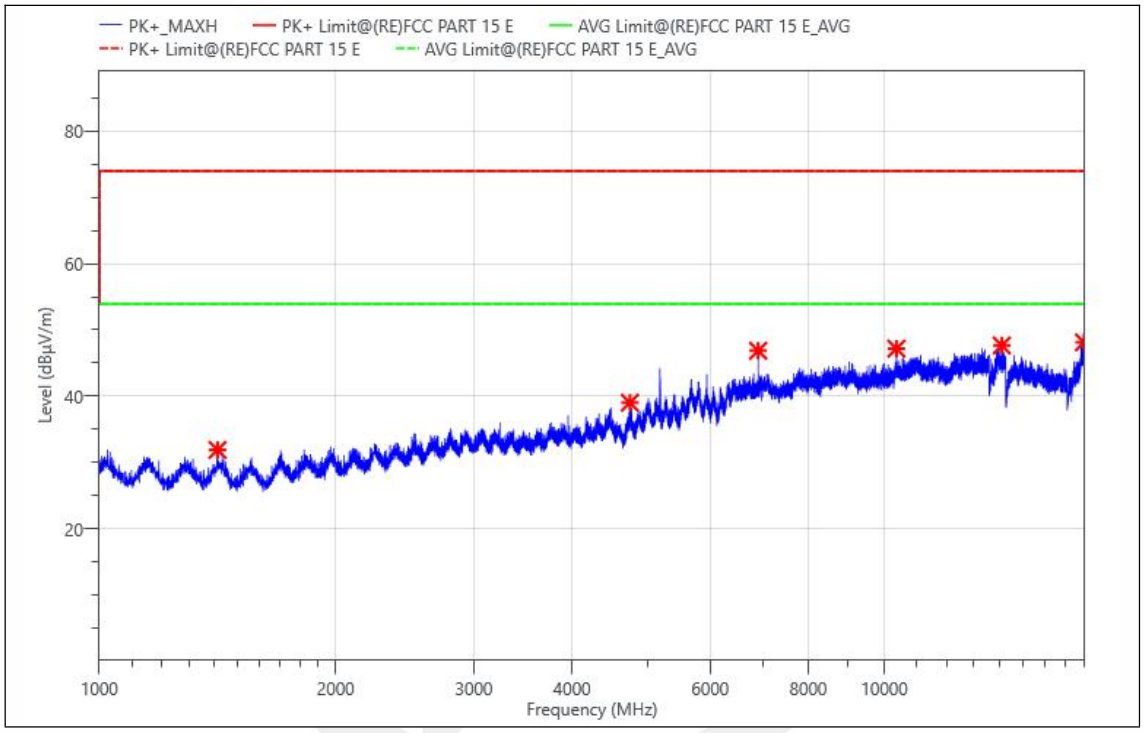
(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	5798.563	59.86	41.28	101.14	122.22	21.08	PK+	V
2	5850.875	23.69	41.33	65.02	120.22	55.20	PK+	V
3	5867.563	24.12	41.58	65.70	107.30	41.60	PK+	V
4	5894.938	24.65	41.99	66.64	90.43	23.79	PK+	V
5	5970.125	25.14	41.79	66.93	68.22	1.29	PK+	V

Emissions in Restricted Bands

Note: All the antenna(Antenna 1) and modes have been tested, and the worst(Antenna 1,802.11a) result recorded was report as below:

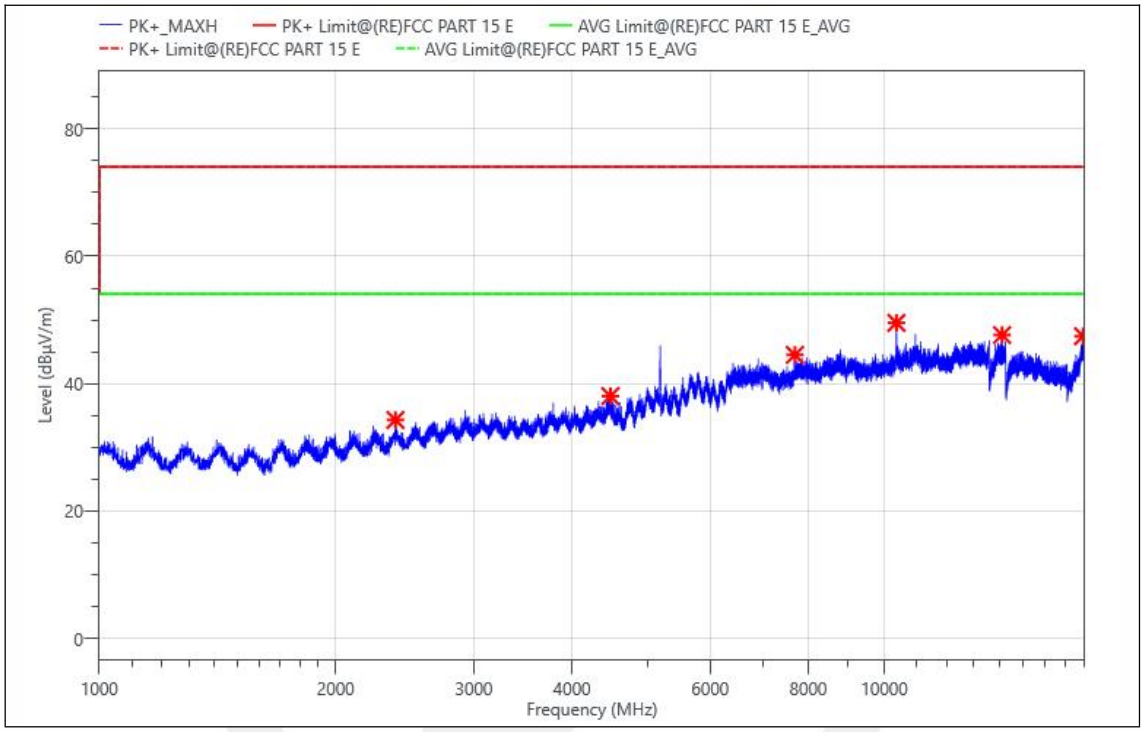
Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5180 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%



Critical_Freqs (Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1414.429	52.56	-20.66	31.90	74.00	42.10	PK+	H
2	4741.000	48.42	-9.4	39.02	74.00	34.98	PK+	H
3	6906.571	48.73	-1.87	46.86	74.00	27.14	PK+	H
4	10359.714	43.35	3.83	47.18	74.00	26.82	PK+	H
5	14113.857	39.56	8.1	47.66	74.00	26.34	PK+	H
6	17963.857	35.51	12.62	48.13	74.00	25.87	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5180 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

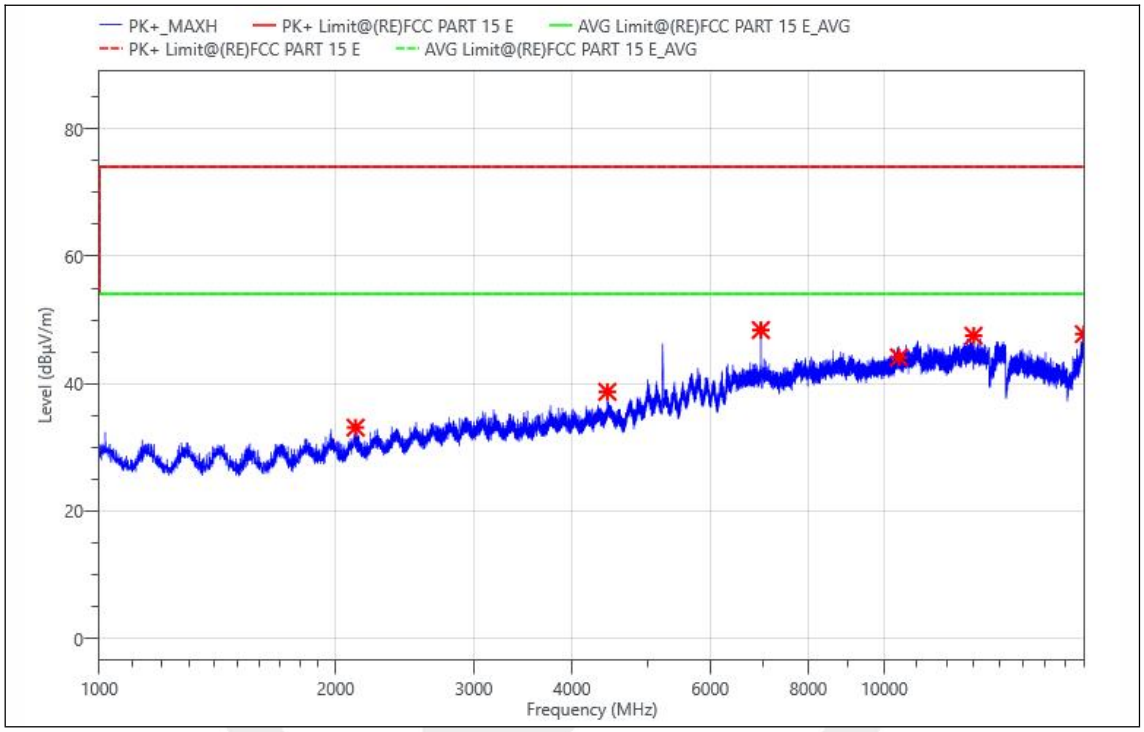


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2383.429	51.17	-16.86	34.31	74.00	39.69	PK+	V
2	4477.429	48.16	-10.1	38.06	74.00	35.94	PK+	V
3	7692.214	44.73	-0.21	44.52	74.00	29.48	PK+	V
4	10359.714	45.71	3.83	49.54	74.00	24.46	PK+	V
5	14126.429	39.49	8.15	47.64	74.00	26.36	PK+	V
6	17913.571	35.44	12.01	47.45	74.00	26.55	PK+	V

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5200 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

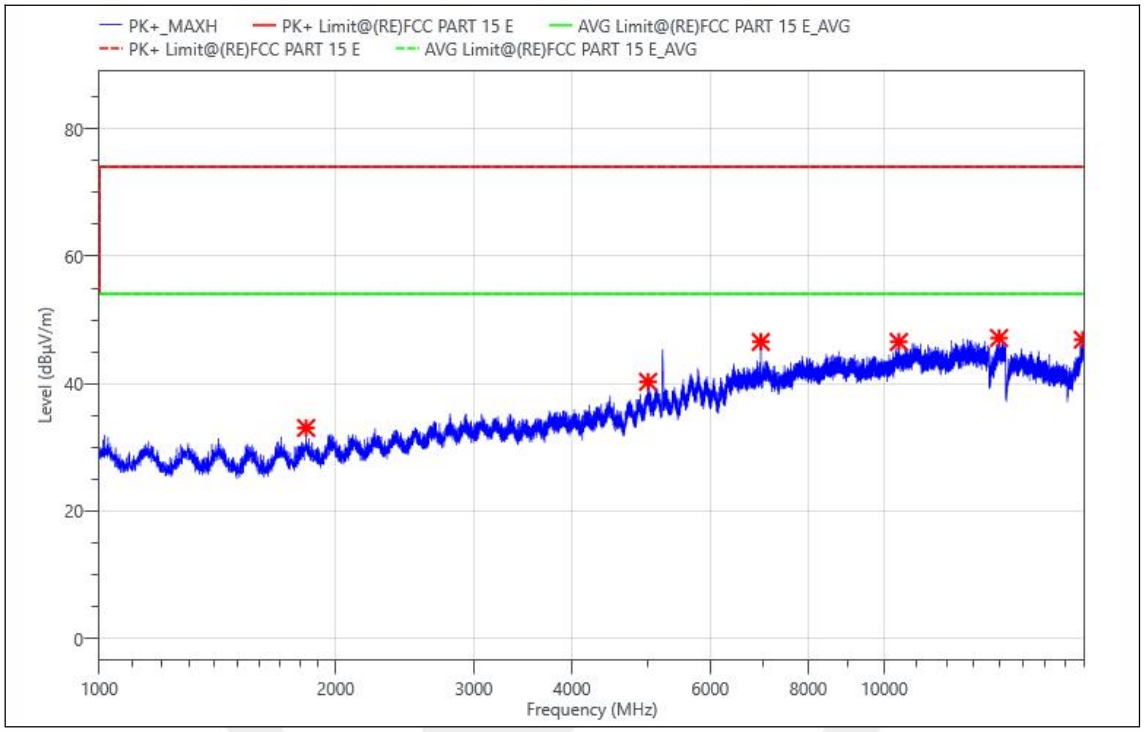


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2120.286	51.05	-17.94	33.11	74.00	40.89	PK+	H
2	4437.571	49.11	-10.38	38.73	74.00	35.27	PK+	H
3	6960.143	50.01	-1.59	48.42	74.00	25.58	PK+	H
4	10440.643	40.32	3.81	44.13	74.00	29.87	PK+	H
5	12990.286	41.01	6.52	47.53	74.00	26.47	PK+	H
6	17957.571	35.24	12.54	47.78	74.00	26.22	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5200 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

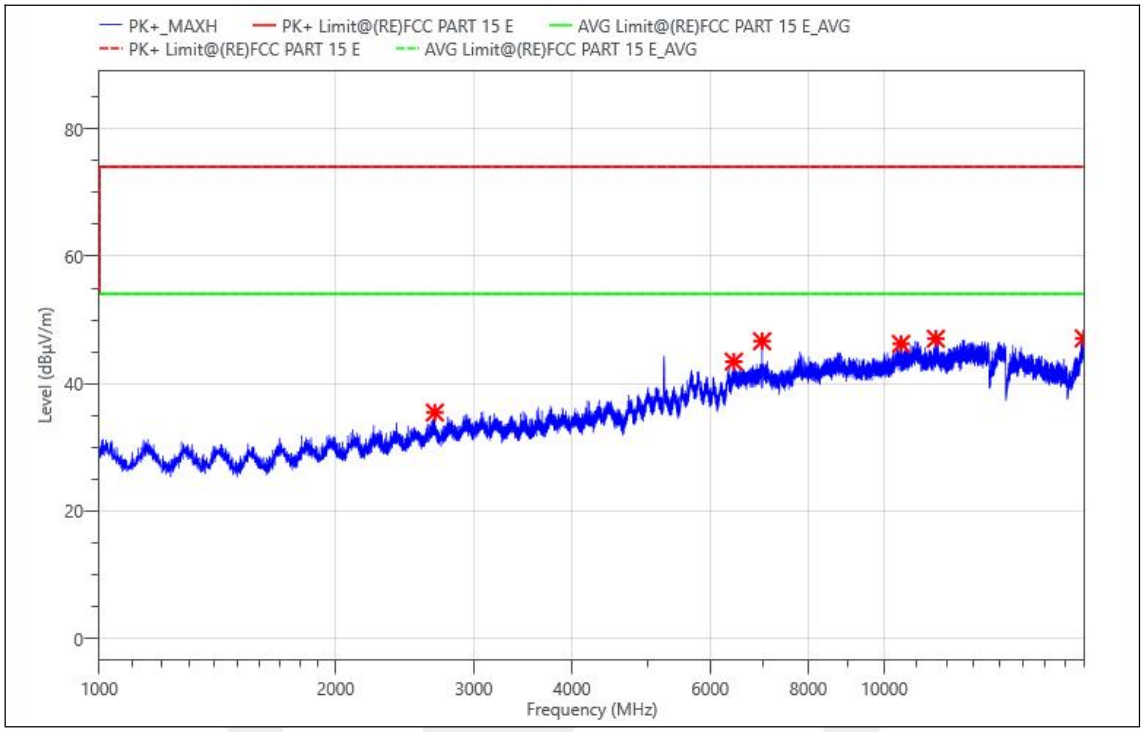


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1834.000	52.15	-19.09	33.06	74.00	40.94	PK+	V
2	5000.286	47.85	-7.55	40.30	74.00	33.70	PK+	V
3	6960.143	48.15	-1.59	46.56	74.00	27.44	PK+	V
4	10433.571	42.75	3.81	46.56	74.00	27.44	PK+	V
5	14003.071	38.85	8.32	47.17	74.00	26.83	PK+	V
6	17898.643	35.07	11.84	46.91	74.00	27.09	PK+	V

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5240 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

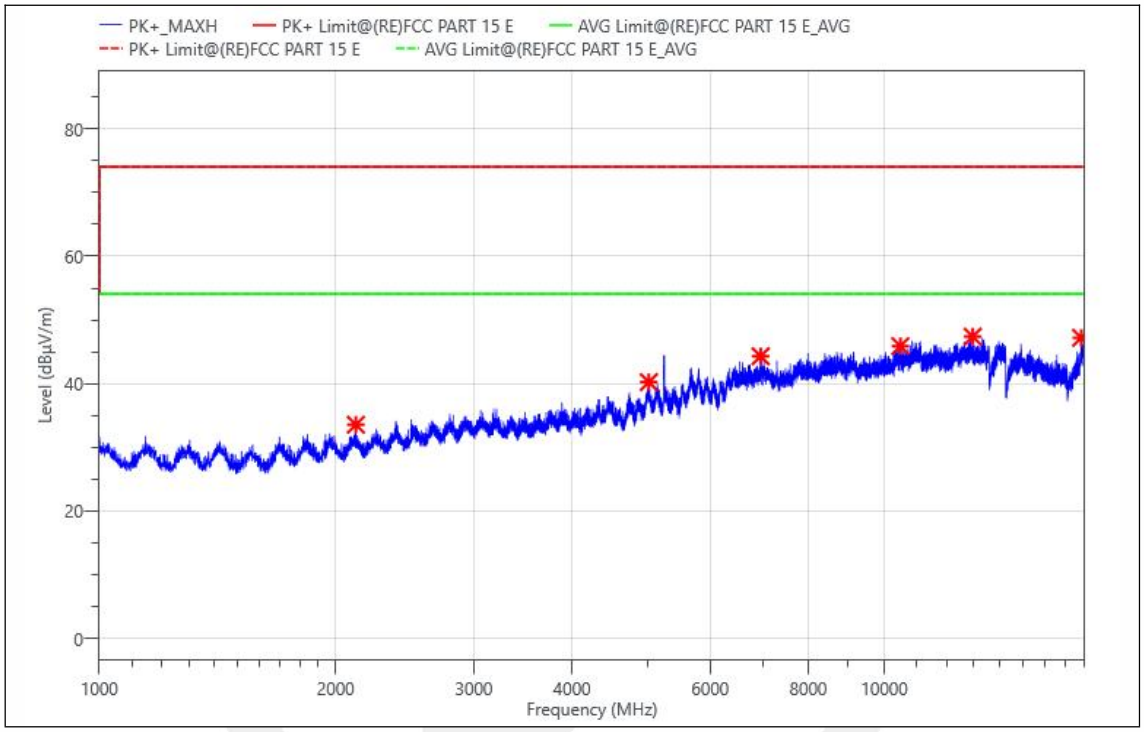


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2675.714	50.90	-15.43	35.47	74.00	38.53	PK+	H
2	6430.000	46.53	-3.06	43.47	74.00	30.53	PK+	H
3	6986.714	48.13	-1.46	46.67	74.00	27.33	PK+	H
4	10503.500	42.39	3.87	46.26	74.00	27.74	PK+	H
5	11630.214	41.25	5.8	47.05	74.00	26.95	PK+	H
6	17952.857	34.62	12.49	47.11	74.00	26.89	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5240 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

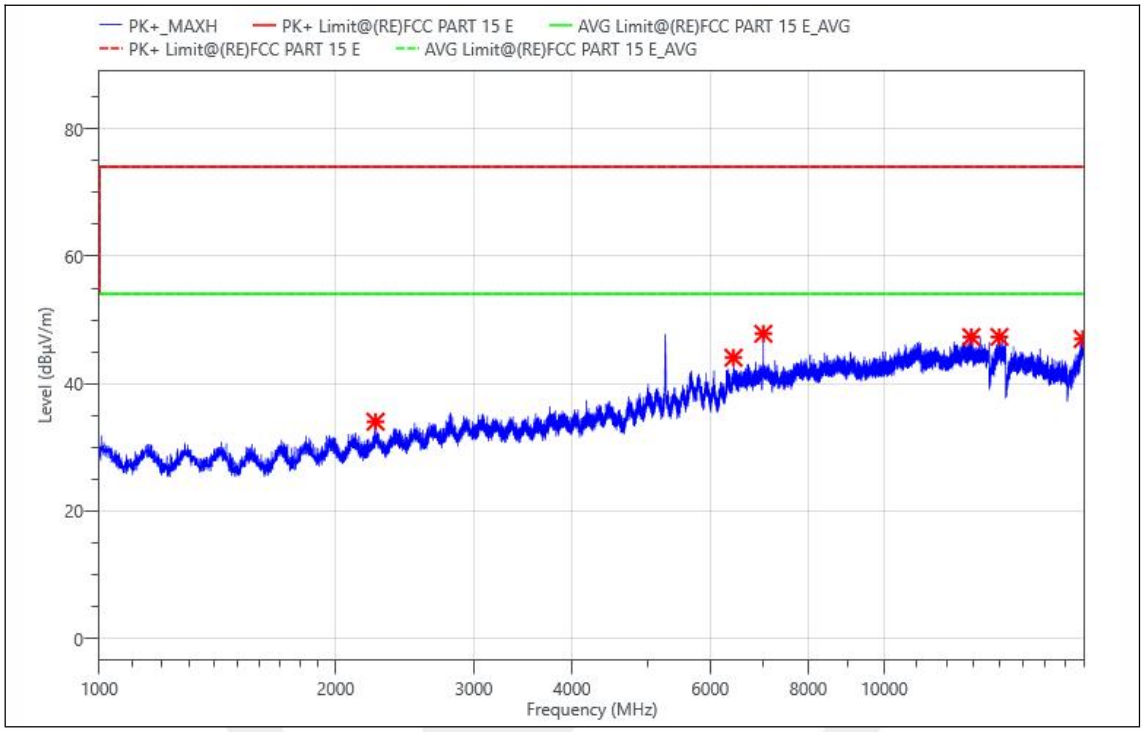


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2122.429	51.50	-17.93	33.57	74.00	40.43	PK+	V
2	5011.857	47.78	-7.53	40.25	74.00	33.75	PK+	V
3	6957.143	45.92	-1.61	44.31	74.00	29.69	PK+	V
4	10482.286	42.05	3.85	45.90	74.00	28.10	PK+	V
5	12957.286	40.59	6.8	47.39	74.00	26.61	PK+	V
6	17815.357	35.60	11.6	47.20	74.00	26.80	PK+	V

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5260 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

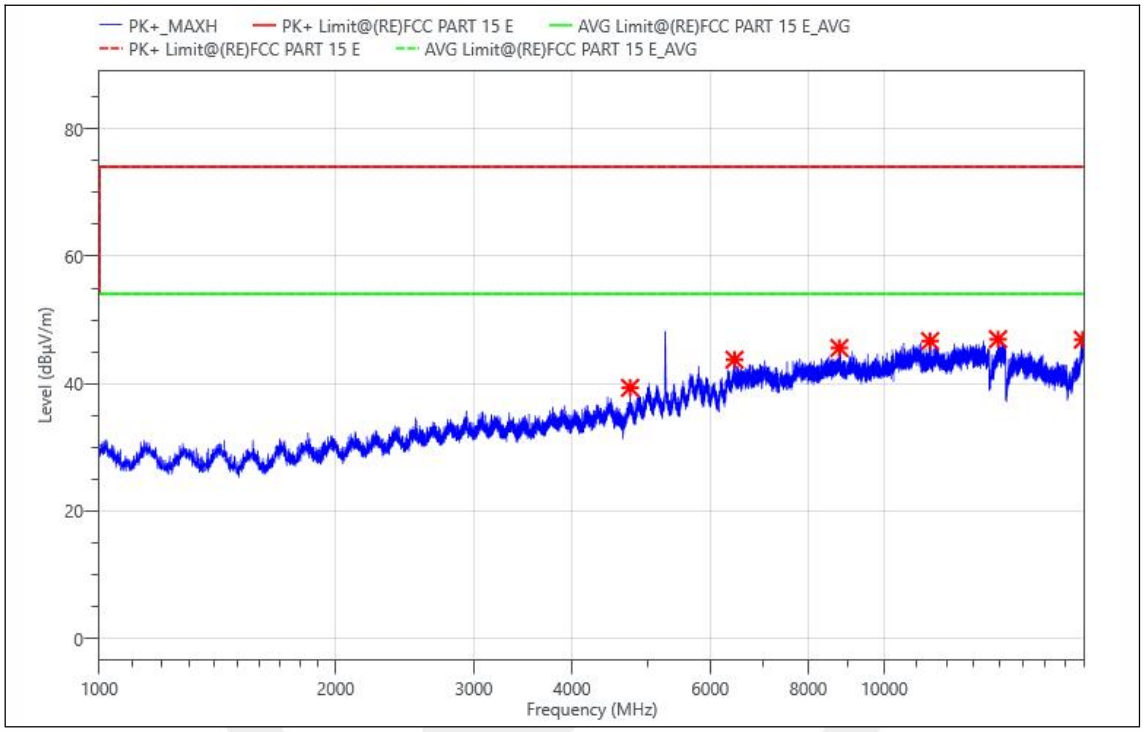


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2248.429	51.41	-17.37	34.04	74.00	39.96	PK+	H
2	6425.286	47.14	-3.06	44.08	74.00	29.92	PK+	H
3	7013.357	49.21	-1.37	47.84	74.00	26.16	PK+	H
4	12907.000	40.11	7.22	47.33	74.00	26.67	PK+	H
5	14015.643	39.05	8.29	47.34	74.00	26.66	PK+	H
6	17895.500	35.19	11.83	47.02	74.00	26.98	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5260 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

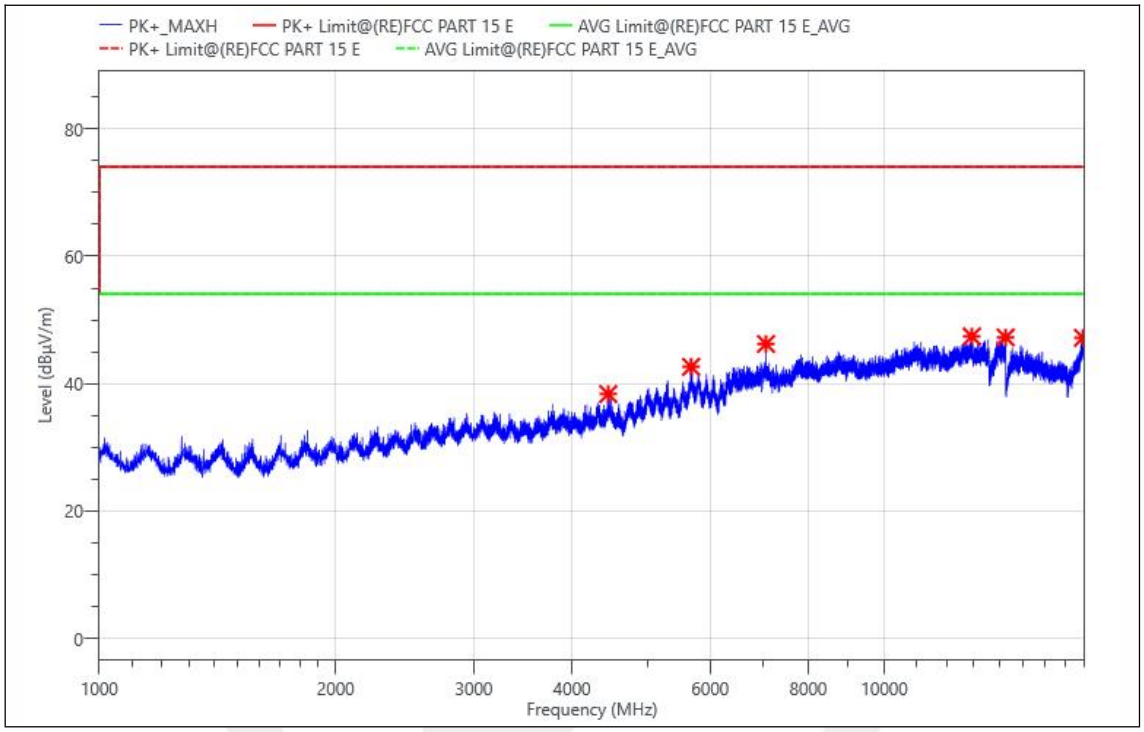


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4744.857	48.77	-9.41	39.36	74.00	34.64	PK+	V
2	6444.143	46.83	-3.06	43.77	74.00	30.23	PK+	V
3	8763.143	44.82	0.79	45.61	74.00	28.39	PK+	V
4	11434.571	41.45	5.24	46.69	74.00	27.31	PK+	V
5	13958.286	38.52	8.46	46.98	74.00	27.02	PK+	V
6	17899.429	35.07	11.84	46.91	74.00	27.09	PK+	V

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5280 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

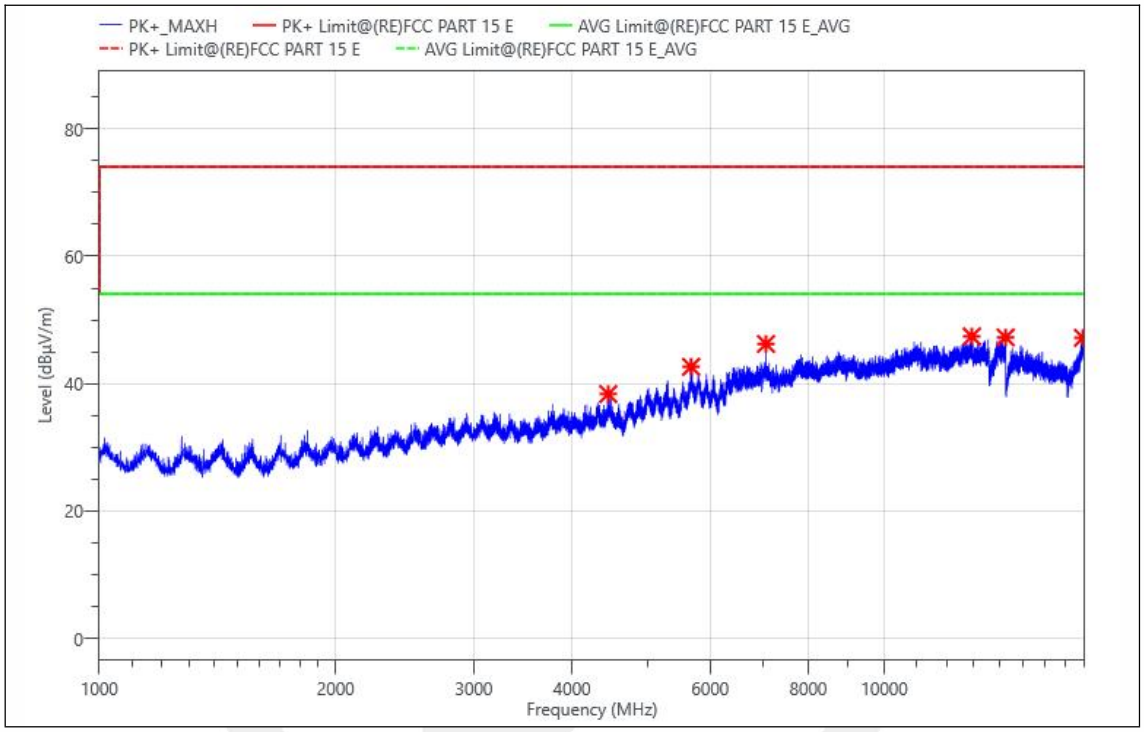


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4450.000	48.67	-10.29	38.38	74.00	35.62	PK+	H
2	5674.000	47.42	-4.77	42.65	74.00	31.35	PK+	H
3	7066.786	47.53	-1.29	46.24	74.00	27.76	PK+	H
4	12925.857	40.36	7.06	47.42	74.00	26.58	PK+	H
5	14271.786	39.11	8.15	47.26	74.00	26.74	PK+	H
6	17907.286	35.27	11.93	47.20	74.00	26.80	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5280 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

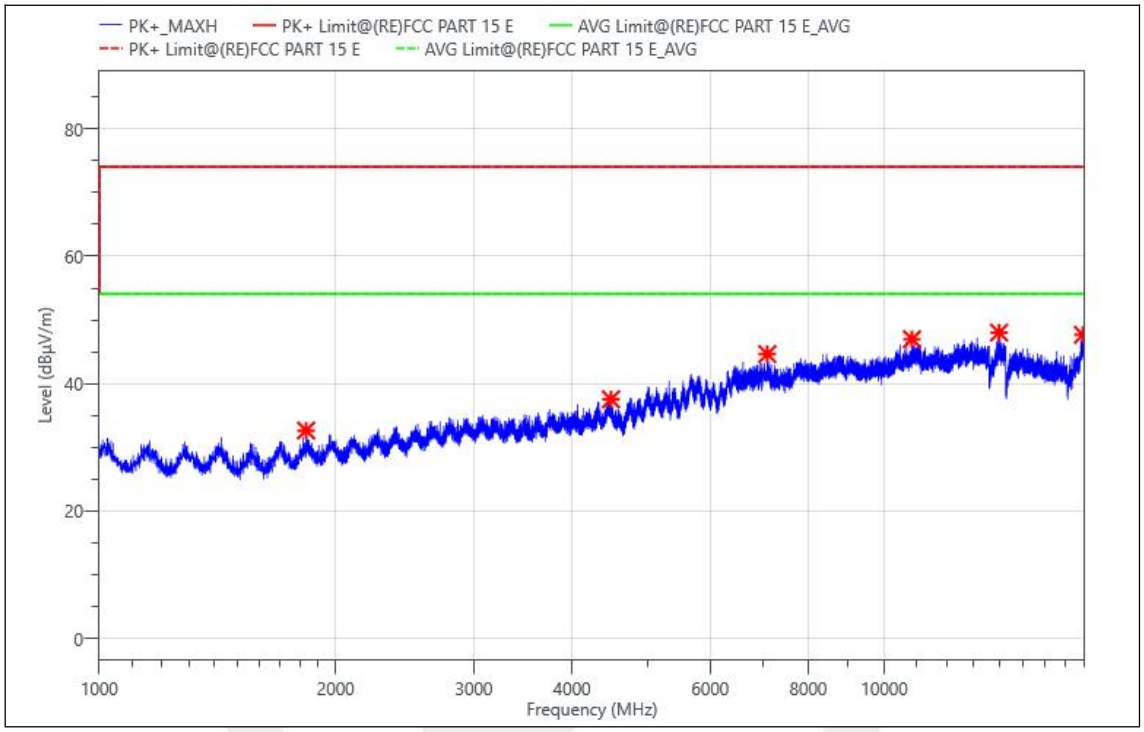


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	4450.000	48.67	-10.29	38.38	74.00	35.62	PK+	H
2	5674.000	47.42	-4.77	42.65	74.00	31.35	PK+	H
3	7066.786	47.53	-1.29	46.24	74.00	27.76	PK+	H
4	12925.857	40.36	7.06	47.42	74.00	26.58	PK+	H
5	14271.786	39.11	8.15	47.26	74.00	26.74	PK+	H
6	17907.286	35.27	11.93	47.20	74.00	26.80	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5320 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

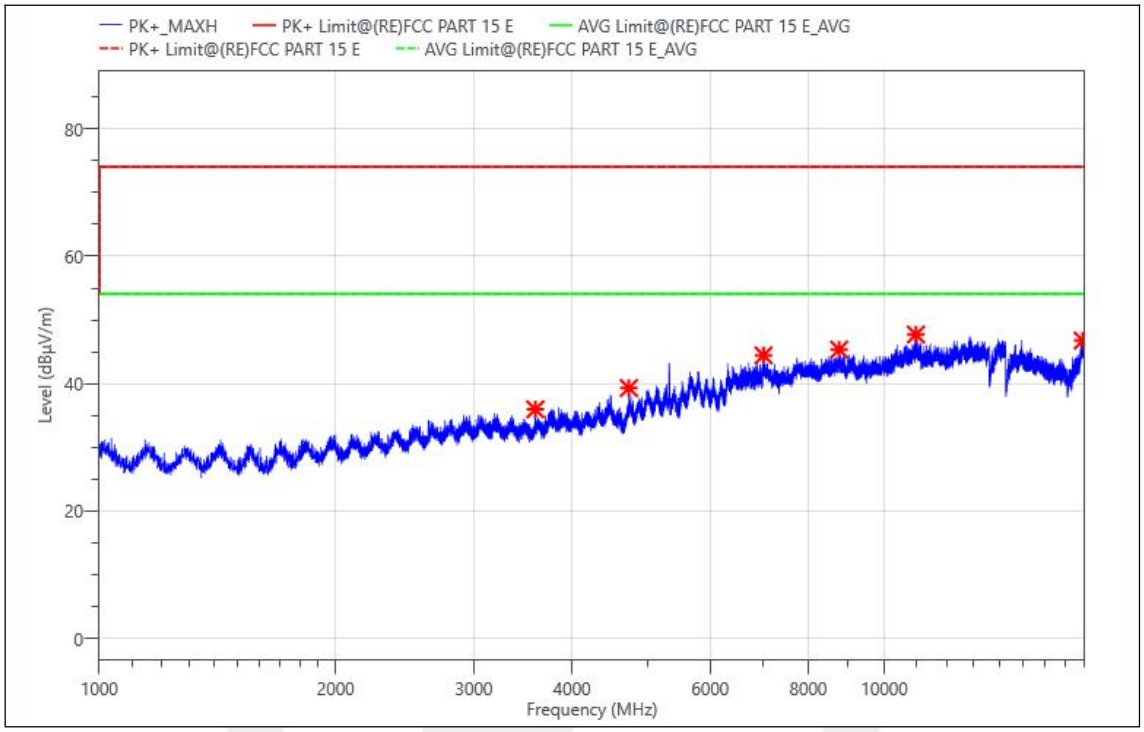


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1834.000	51.74	-19.09	32.65	74.00	41.35	PK+	H
2	4485.143	47.60	-10.05	37.55	74.00	36.45	PK+	H
3	7093.500	45.90	-1.25	44.65	74.00	29.35	PK+	H
4	10845.286	41.75	5.23	46.98	74.00	27.02	PK+	H
5	14001.500	39.69	8.33	48.02	74.00	25.98	PK+	H
6	17903.357	35.79	11.88	47.67	74.00	26.33	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5320 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

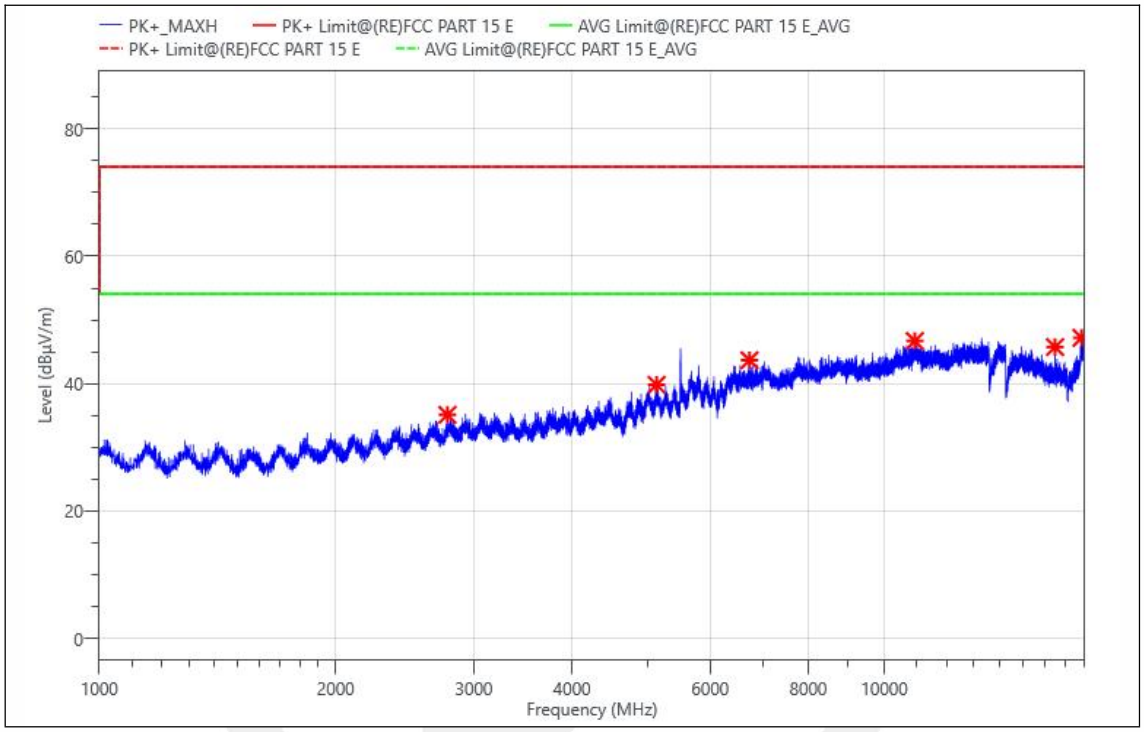


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	3592.857	49.28	-13.3	35.98	74.00	38.02	PK+	V
2	4727.286	48.71	-9.39	39.32	74.00	34.68	PK+	V
3	7016.500	45.82	-1.37	44.45	74.00	29.55	PK+	V
4	8759.214	44.57	0.79	45.36	74.00	28.64	PK+	V
5	10971.000	42.40	5.31	47.71	74.00	26.29	PK+	V
6	17897.857	34.92	11.84	46.76	74.00	27.24	PK+	V

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5500 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

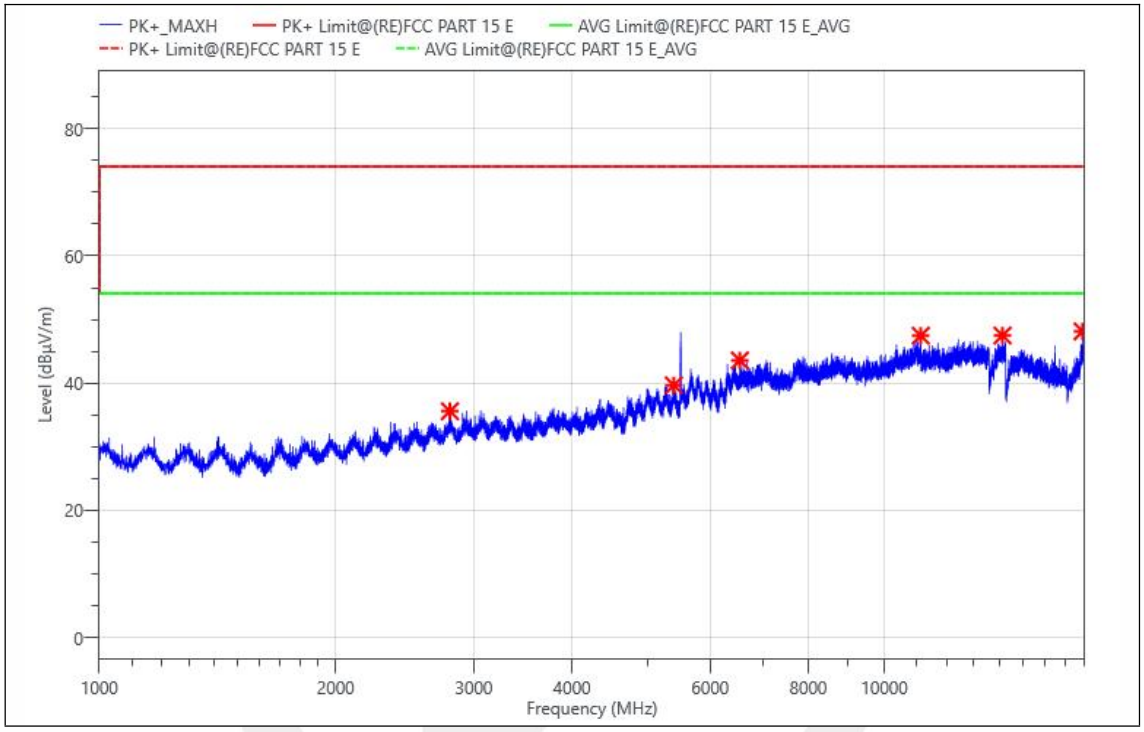


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2776.000	50.10	-14.98	35.12	74.00	38.88	PK+	H
2	5126.714	47.12	-7.29	39.83	74.00	34.17	PK+	H
3	6733.429	45.88	-2.2	43.68	74.00	30.32	PK+	H
4	10934.857	41.55	5.15	46.70	74.00	27.30	PK+	H
5	16499.286	37.56	8.19	45.75	74.00	28.25	PK+	H
6	17834.214	35.53	11.66	47.19	74.00	26.81	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5500 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

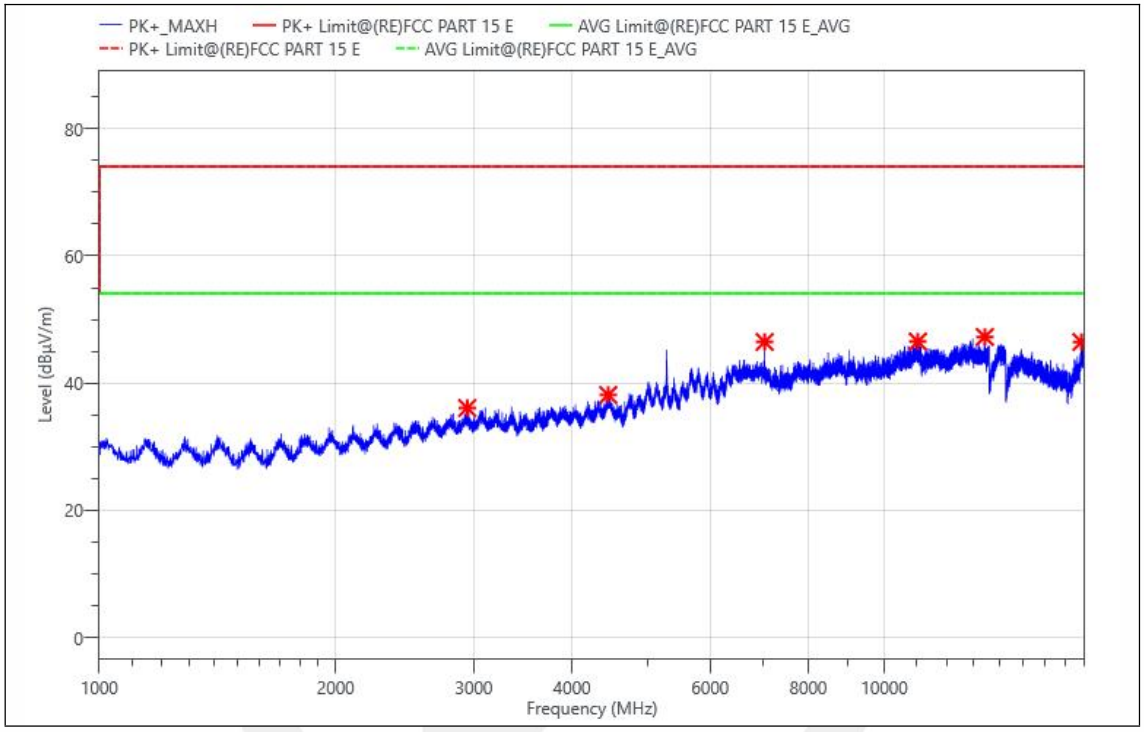


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2796.143	50.50	-14.9	35.60	74.00	38.40	PK+	V
2	5393.286	45.88	-6.21	39.67	74.00	34.33	PK+	V
3	6546.143	46.38	-2.8	43.58	74.00	30.42	PK+	V
4	11126.571	42.17	5.29	47.46	74.00	26.54	PK+	V
5	14142.143	39.28	8.21	47.49	74.00	26.51	PK+	V
6	17888.429	36.33	11.81	48.14	74.00	25.86	PK+	V

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5580 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

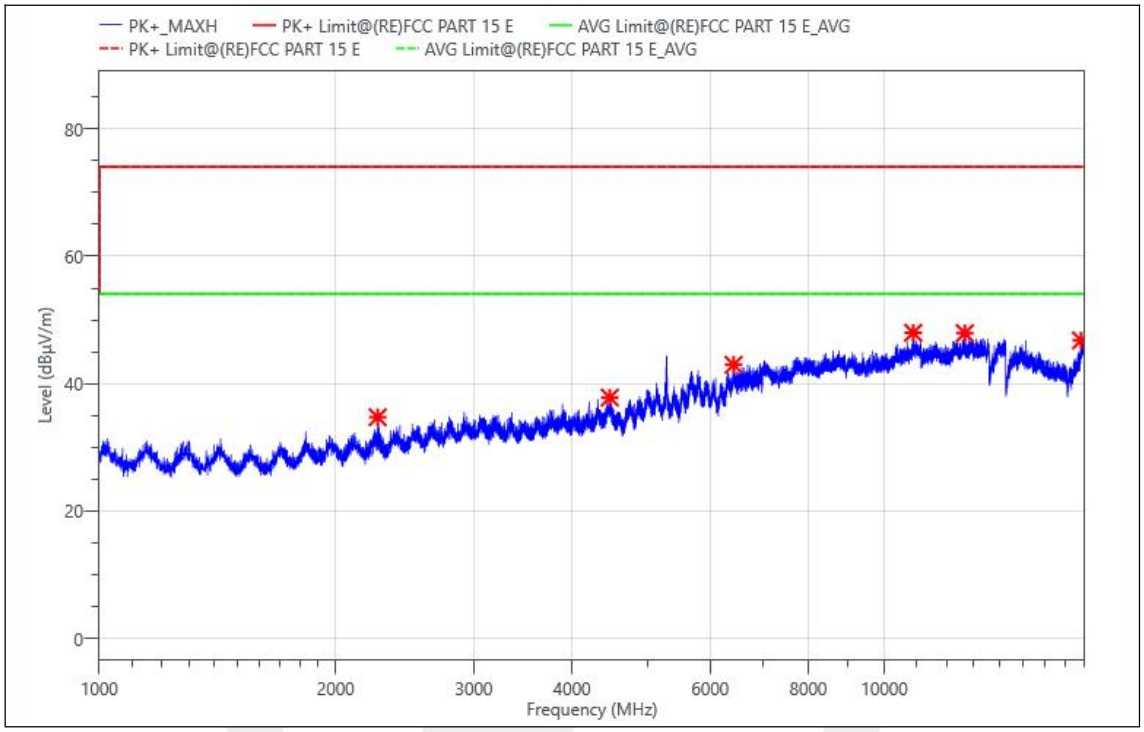


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2942.714	50.30	-14.2	36.10	74.00	37.90	PK+	H
2	4448.714	48.46	-10.3	38.16	74.00	35.84	PK+	H
3	7040.071	47.81	-1.33	46.48	74.00	27.52	PK+	H
4	11033.071	41.16	5.38	46.54	74.00	27.46	PK+	H
5	13428.714	39.36	7.9	47.26	74.00	26.74	PK+	H
6	17825.571	34.84	11.63	46.47	74.00	27.53	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5580 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

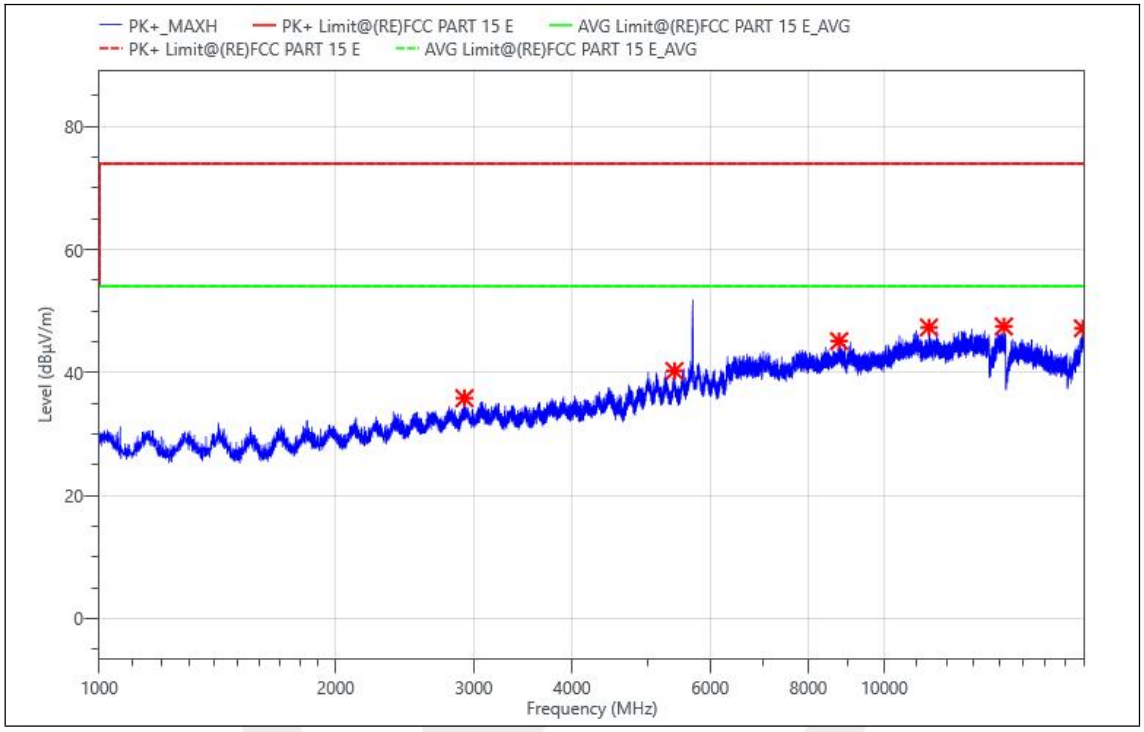


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2262.571	52.07	-17.33	34.74	74.00	39.26	PK+	V
2	4469.286	47.99	-10.16	37.83	74.00	36.17	PK+	V
3	6427.000	46.03	-3.06	42.97	74.00	31.03	PK+	V
4	10883.000	42.92	5.07	47.99	74.00	26.01	PK+	V
5	12663.429	41.68	6.25	47.93	74.00	26.07	PK+	V
6	17811.429	35.20	11.59	46.79	74.00	27.21	PK+	V

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5700 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

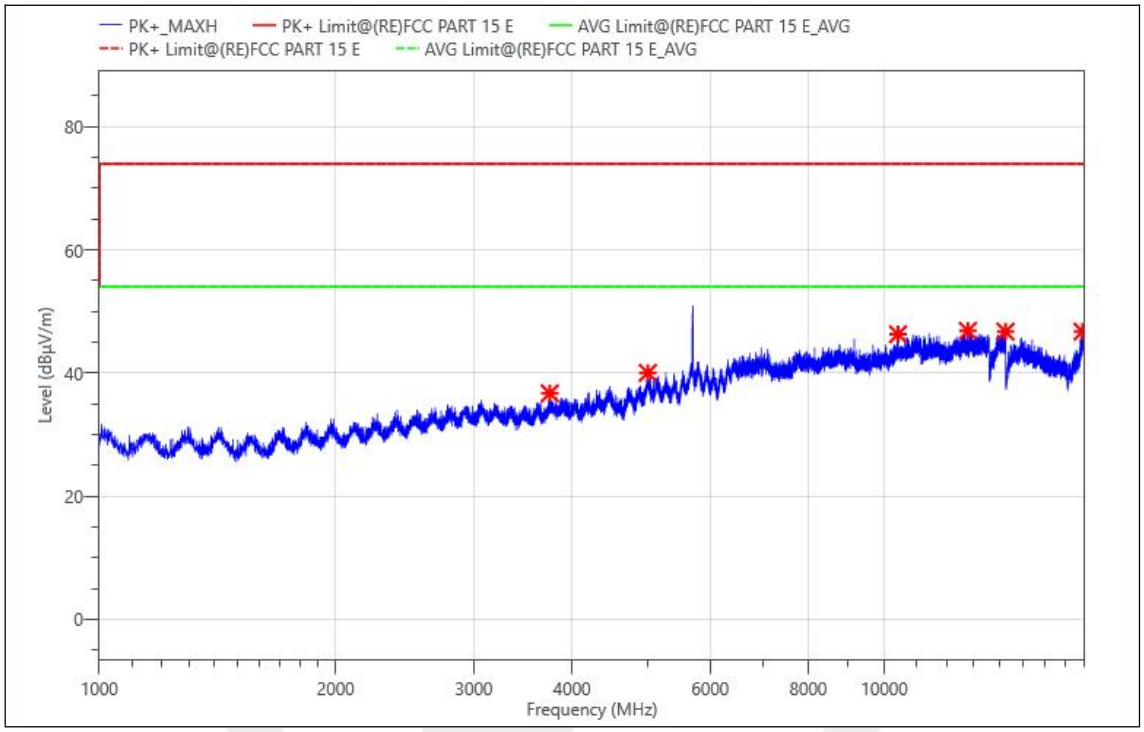


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2917.857	50.20	-14.37	35.83	74.00	38.17	PK+	H
2	5403.143	46.42	-6.16	40.26	74.00	33.74	PK+	H
3	8757.643	44.32	0.79	45.11	74.00	28.89	PK+	H
4	11400.000	42.17	5.17	47.34	74.00	26.66	PK+	H
5	14197.929	39.08	8.43	47.51	74.00	26.49	PK+	H
6	17903.357	35.32	11.88	47.20	74.00	26.80	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5700 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

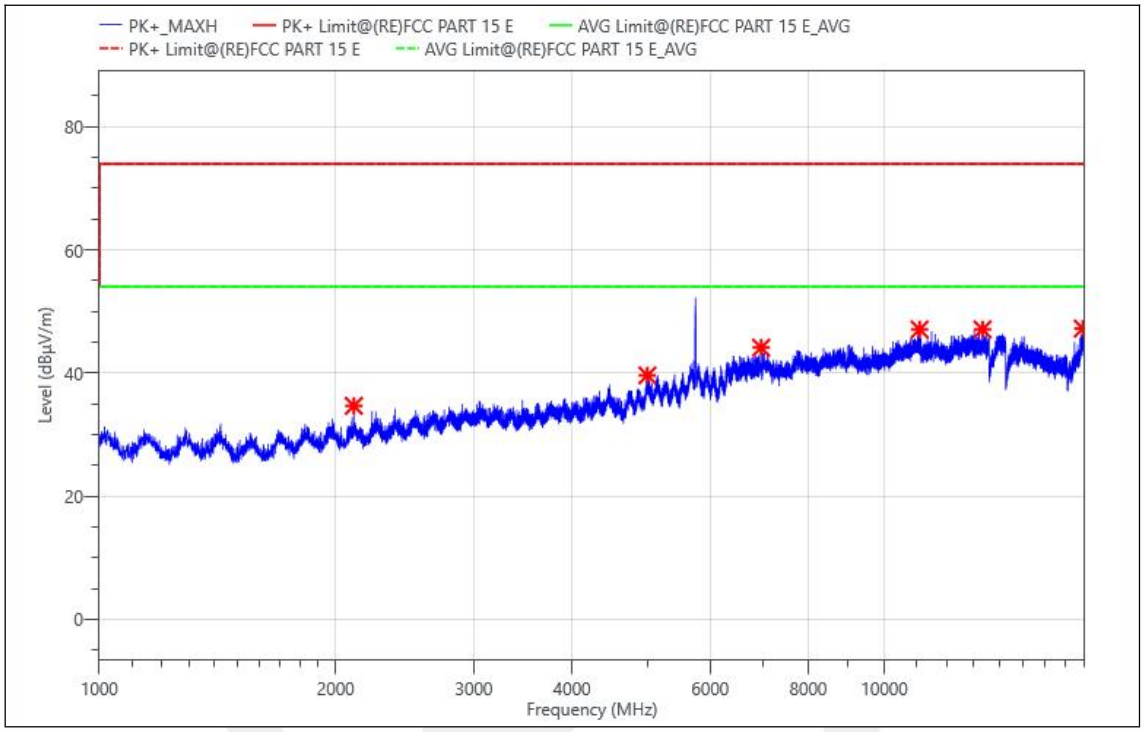


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	3748.000	49.16	-12.45	36.71	74.00	37.29	PK+	V
2	4996.857	47.62	-7.59	40.03	74.00	33.97	PK+	V
3	10409.214	42.52	3.79	46.31	74.00	27.69	PK+	V
4	12776.571	40.34	6.53	46.87	74.00	27.13	PK+	V
5	14269.429	38.57	8.16	46.73	74.00	27.27	PK+	V
6	17884.500	34.93	11.8	46.73	74.00	27.27	PK+	V

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5745 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

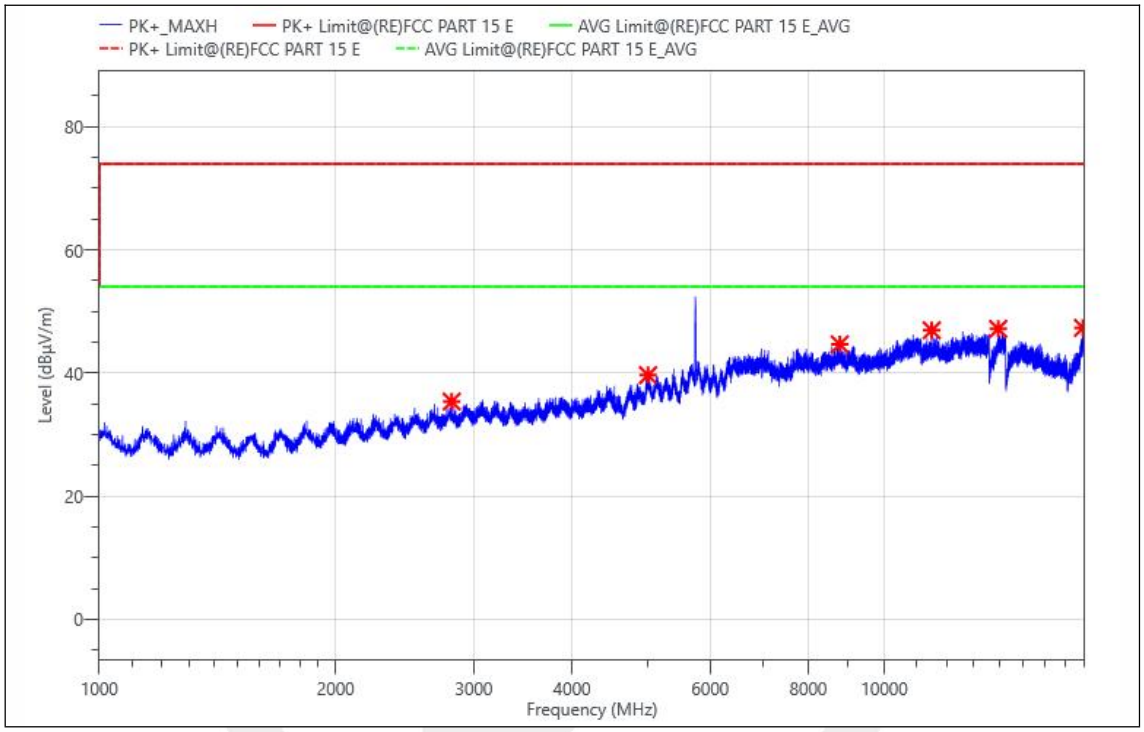


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2109.571	52.68	-18	34.68	74.00	39.32	PK+	H
2	4990.000	47.30	-7.67	39.63	74.00	34.37	PK+	H
3	6967.857	45.68	-1.55	44.13	74.00	29.87	PK+	H
4	11090.429	41.82	5.27	47.09	74.00	26.91	PK+	H
5	13336.786	39.48	7.62	47.10	74.00	26.90	PK+	H
6	17901.000	35.36	11.86	47.22	74.00	26.78	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5745 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

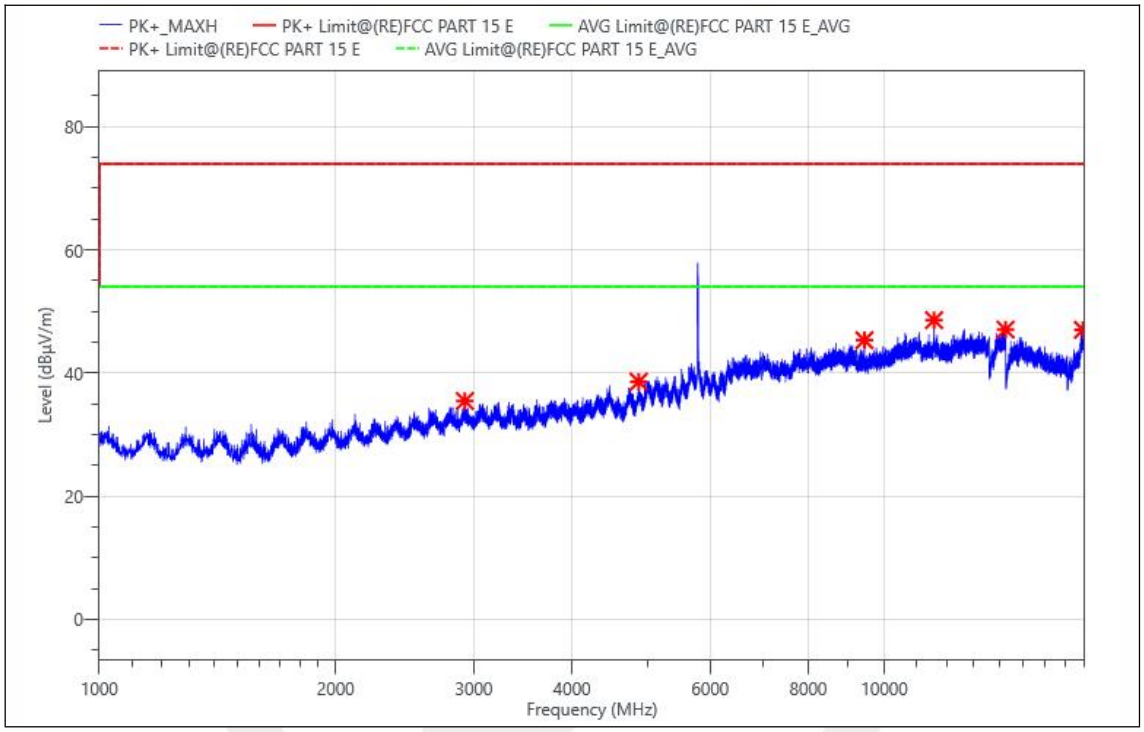


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2811.143	50.22	-14.85	35.37	74.00	38.63	PK+	V
2	4999.857	47.22	-7.55	39.67	74.00	34.33	PK+	V
3	8774.929	43.88	0.79	44.67	74.00	29.33	PK+	V
4	11490.357	41.61	5.34	46.95	74.00	27.05	PK+	V
5	13964.571	38.74	8.44	47.18	74.00	26.82	PK+	V
6	17908.857	35.39	11.95	47.34	74.00	26.66	PK+	V

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5785 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

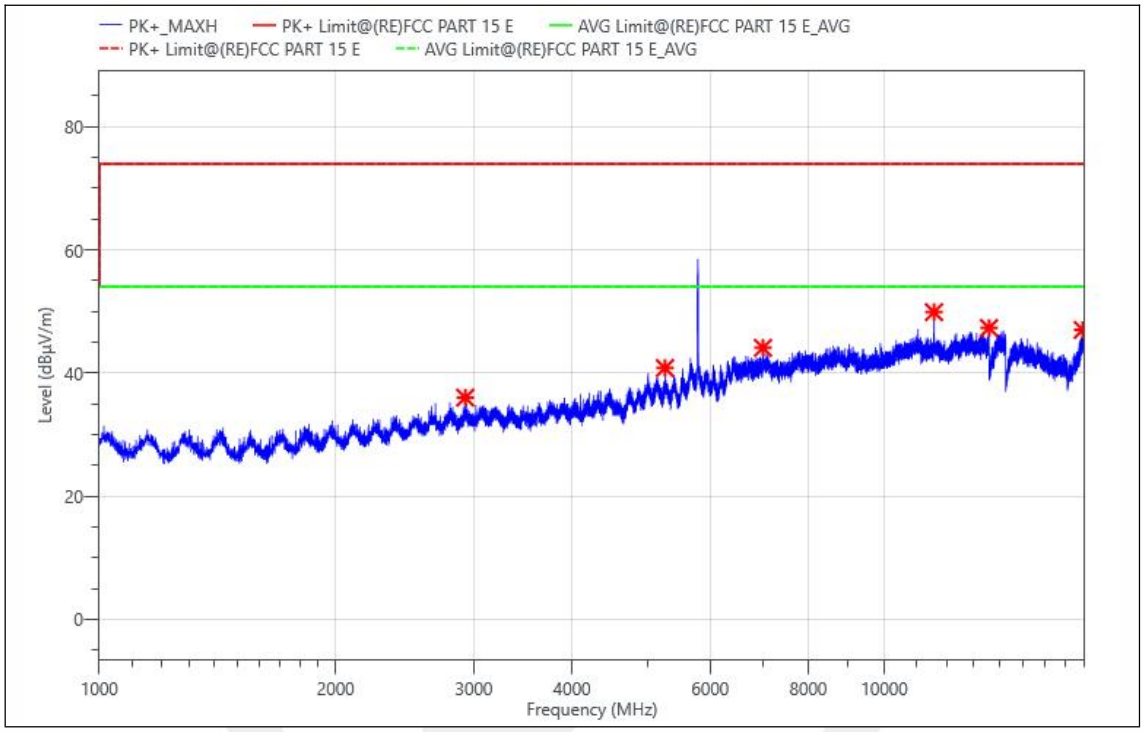


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2921.714	49.81	-14.34	35.47	74.00	38.53	PK+	H
2	4865.286	47.63	-9.02	38.61	74.00	35.39	PK+	H
3	9431.786	43.66	1.67	45.33	74.00	28.67	PK+	H
4	11571.286	42.86	5.74	48.60	74.00	25.40	PK+	H
5	14270.214	38.91	8.15	47.06	74.00	26.94	PK+	H
6	17906.500	35.10	11.92	47.02	74.00	26.98	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5785 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

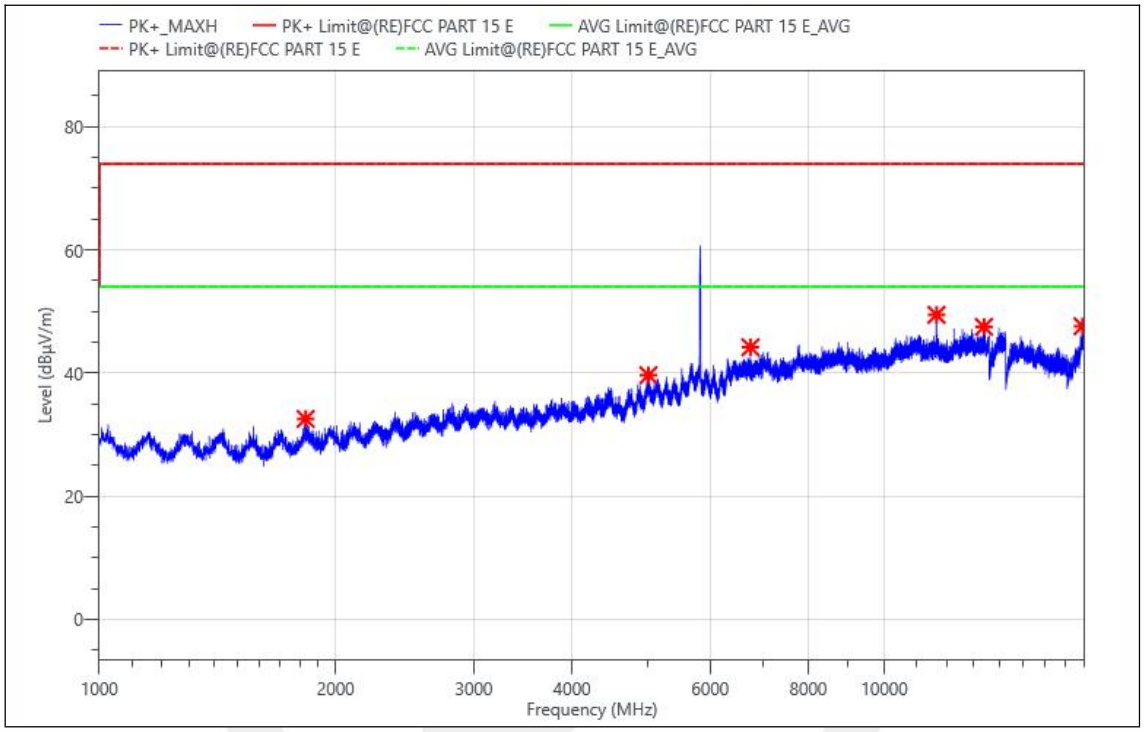


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2925.143	50.34	-14.32	36.02	74.00	37.98	PK+	V
2	5254.000	47.72	-6.9	40.82	74.00	33.18	PK+	V
3	7004.714	45.48	-1.38	44.10	74.00	29.90	PK+	V
4	11566.571	44.19	5.71	49.90	74.00	24.10	PK+	V
5	13595.286	39.33	7.99	47.32	74.00	26.68	PK+	V
6	17893.143	35.19	11.82	47.01	74.00	26.99	PK+	V

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5825 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%

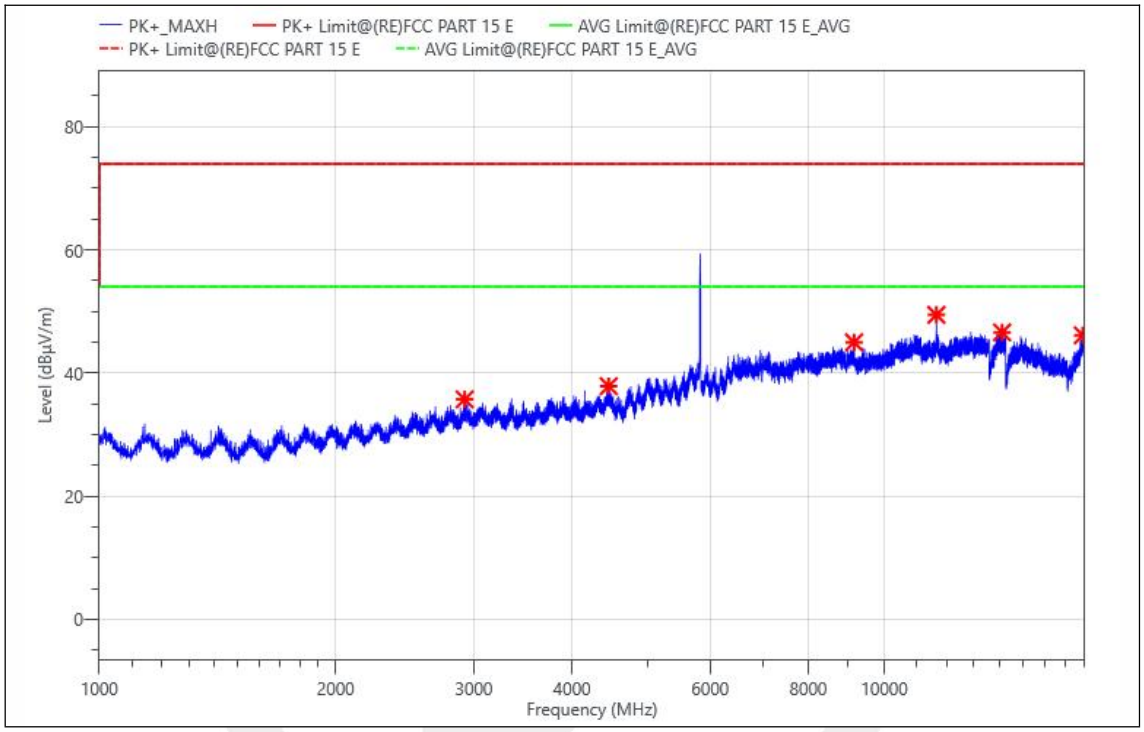


Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	1831.429	51.66	-19.1	32.56	74.00	41.44	PK+	H
2	5005.429	47.20	-7.54	39.66	74.00	34.34	PK+	H
3	6753.143	46.37	-2.17	44.20	74.00	29.80	PK+	H
4	11653.000	43.72	5.74	49.46	74.00	24.54	PK+	H
5	13392.571	39.66	7.84	47.50	74.00	26.50	PK+	H
6	17886.071	35.81	11.8	47.61	74.00	26.39	PK+	H

Project No. :	ENB2603240076W002	Customer :	Siterwell
Sample No :	ENB2603240076W002-1-1	EUT :	Smart thermostat
Model :	GS366A-MWAC	Mode :	802.11a for 5825 MHz
Voltage :	AC 24V/60Hz	Engineer :	WK Luo
Temp :	22℃	Humi :	57%



Critical_Freqs

(Margin=Limit-Meas.(Reading +Corr.))

No.	Freq. (MHz)	Reading (dBµV/m)	Corr. (dB)	Meas. (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Det.	Pol.
1	2920.000	50.08	-14.35	35.73	74.00	38.27	PK+	V
2	4454.714	48.13	-10.26	37.87	74.00	36.13	PK+	V
3	9149.714	43.81	1.19	45.00	74.00	29.00	PK+	V
4	11649.857	43.71	5.75	49.46	74.00	24.54	PK+	V
5	14126.429	38.46	8.15	46.61	74.00	27.39	PK+	V
6	17898.643	34.30	11.84	46.14	74.00	27.86	PK+	V

8.5 POWER LINE CONDUCTED EMISSIONS

8.5.1 Applicable Standard

According to FCC Part 15.207(a)

8.5.2 Conformance Limit

Conducted Emission Limit		
Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

8.5.3 Test Configuration

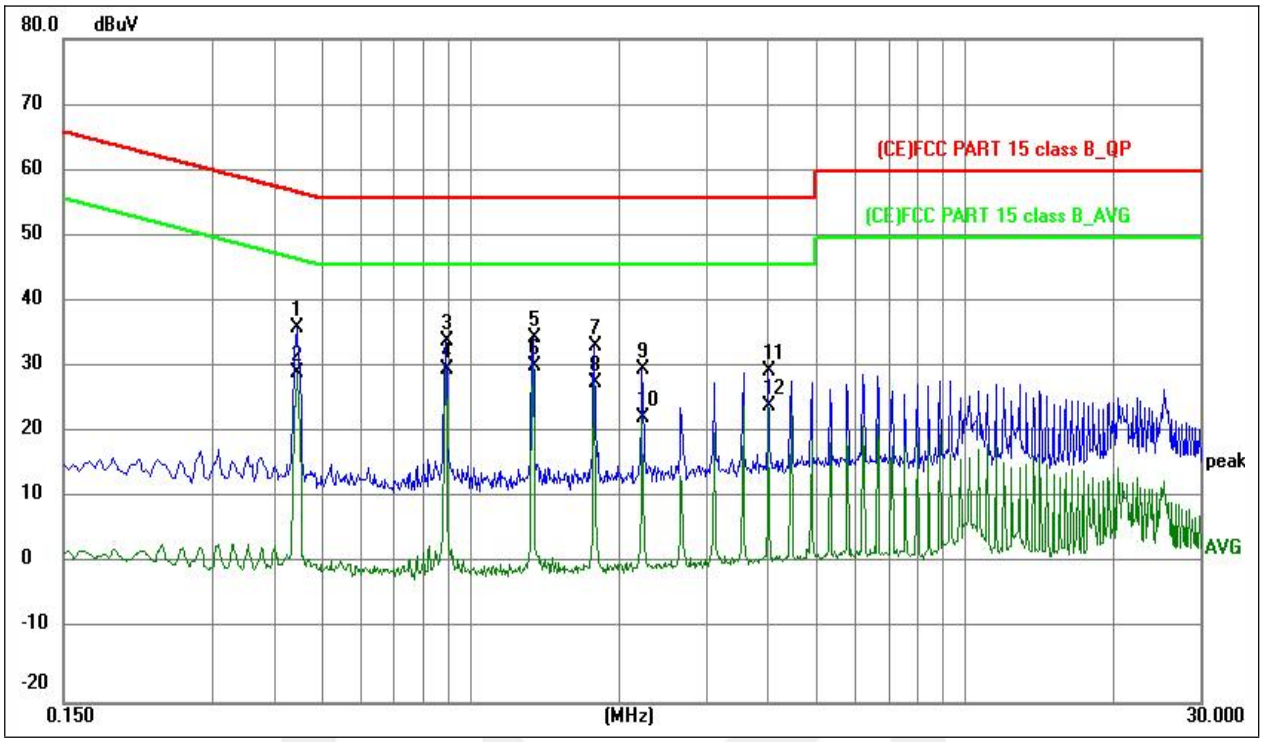
Test according to clause 6.3 conducted emission test setup

8.5.4 Test Procedure

The EUT was placed on a table which is 0.8m above ground plane.
Maximum procedure was performed on the highest emissions to ensure EUT compliance.
Repeat above procedures until all frequency measured were complete.

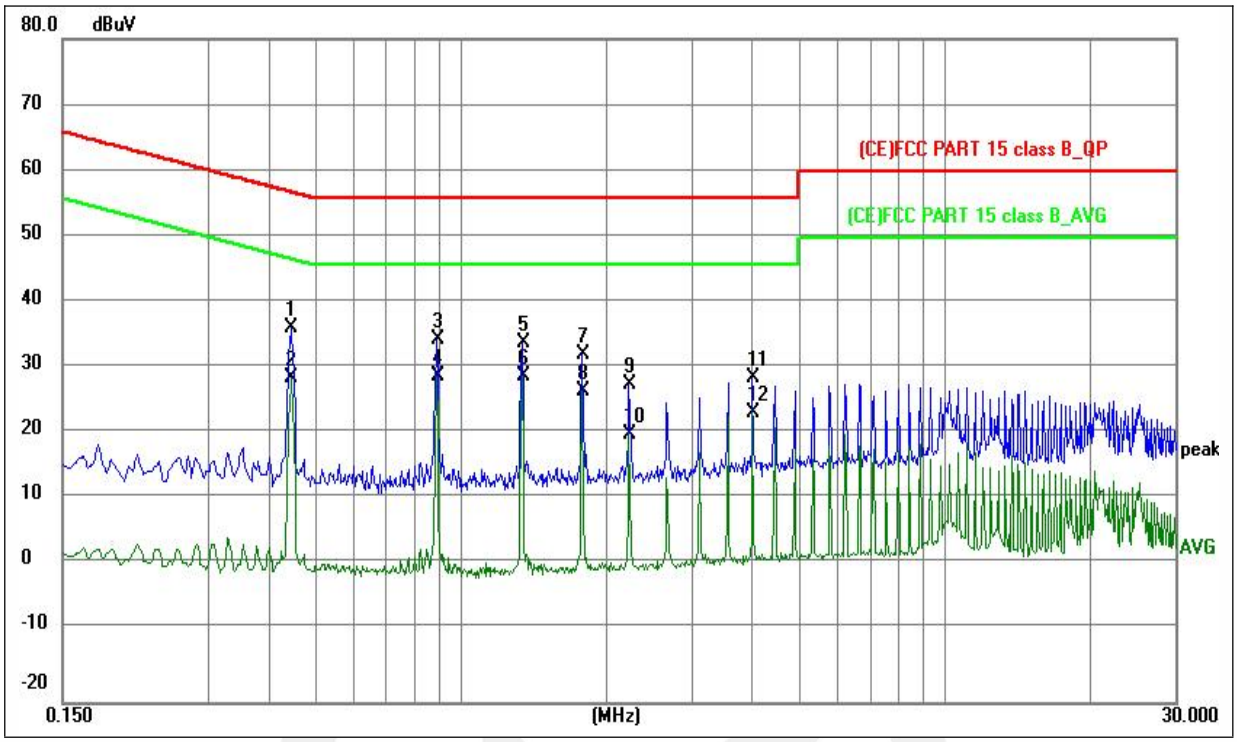
8.5.5 Test Results

N/A
Note: The device need not connected to a public power network.



Site:	**ENB2603240076W002**	**Phase:L1**	**Temperature(C):24(C)**
Limit:	**(CE)FCC PART 15 class B_QP**		**Humidity(%):55%**
EUT:	**Smart thermostat**	**Test Time:**	**2026/8/25 17:37:33**
M/N.:	**GS366A-MWAC**	**Power Rating:**	**AC 24V/60Hz**
Mode:	**802.11n(20MHz) for 5180 MHz**	**Test Engineer:**	**WK Luo**
Note:			

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dB)	Limit (dBuV)	Margin (dB)	Detector
1	0.4460	25.95	10.48	36.43	56.95	-20.52	peak
2	0.4460	19.34	10.48	29.82	46.95	-17.13	AVG
3	0.8940	24.01	10.49	34.50	56.00	-21.50	peak
4	0.8940	19.64	10.49	30.13	46.00	-15.87	AVG
5	1.3380	24.52	10.48	35.00	56.00	-21.00	peak
6 *	1.3380	20.33	10.48	30.81	46.00	-15.19	AVG
7	1.7860	23.32	10.45	33.77	56.00	-22.23	peak
8	1.7860	17.84	10.45	28.29	46.00	-17.71	AVG
9	2.2300	19.78	10.43	30.21	56.00	-25.79	peak
10	2.2300	12.64	10.43	23.07	46.00	-22.93	AVG
11	4.0180	19.61	10.44	30.05	56.00	-25.95	peak
12	4.0180	14.42	10.44	24.86	46.00	-21.14	AVG



Site:	**ENB2603240076W002**	**Phase:N**	**Temperature(C):24(C)**
Limit:	**(CE)FCC PART 15 class B_QP**		**Humidity(%):55%**
EUT:	**Smart thermostat**	**Test Time:**	**2026/8/25 17:42:52**
M/N.:	**GS366A-MWAC**	**Power Rating:**	**AC 24V/60Hz**
Mode:	**802.11n(20MHz) for 5180 MHz**	**Test Engineer:**	**WK Luo**
Note:			

No.	Frequency (MHz)	Reading Level(dBuV)	Factor (dB)	Measure-ment(dB)	Limit (dBuV)	Margin (dB)	Detector
1	0.4460	25.96	10.44	36.40	56.95	-20.55	peak
2	0.4460	18.64	10.44	29.08	46.95	-17.87	AVG
3	0.8940	24.25	10.49	34.74	56.00	-21.26	peak
4 *	0.8940	18.70	10.49	29.19	46.00	-16.81	AVG
5	1.3380	23.74	10.50	34.24	56.00	-21.76	peak
6	1.3380	18.69	10.50	29.19	46.00	-16.81	AVG
7	1.7860	21.89	10.50	32.39	56.00	-23.61	peak
8	1.7860	16.42	10.50	26.92	46.00	-19.08	AVG
9	2.2300	17.51	10.47	27.98	56.00	-28.02	peak
10	2.2300	9.92	10.47	20.39	46.00	-25.61	AVG
11	4.0180	18.67	10.43	29.10	56.00	-26.90	peak
12	4.0180	13.28	10.43	23.71	46.00	-22.29	AVG

8.6 NTENNA APPLICATION

8.6.1 Antenna Requirement

Standard	Requirement
FCC CRF Part 15.203	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

8.6.2 Result

PASS

Temperature :	25℃	ATM Pressure:	1011 mbar
Humidity :	45 %	Test Engineer:	GJ

The EUT is integrated antenna, the antenna gain is
2400-2480 MHz: 3.62 dBi
5150-5250 MHz: 3.07 dBi
5250-5350 MHz: 1.93 dBi
5470-5725 MHz: 3.43 dBi
5725-5825 MHz: 2.80 dBi

☒ Antennas use a permanently attached antenna which is not replaceable.
☐ Not using a standard antenna jack or electrical connector for antenna replacement
☐ The antenna has to be professionally installed (please provide method of installation)

Which in accordance to section 15.203, please refer to the internal photos.

--- End of Report ---

声　明
Statement

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