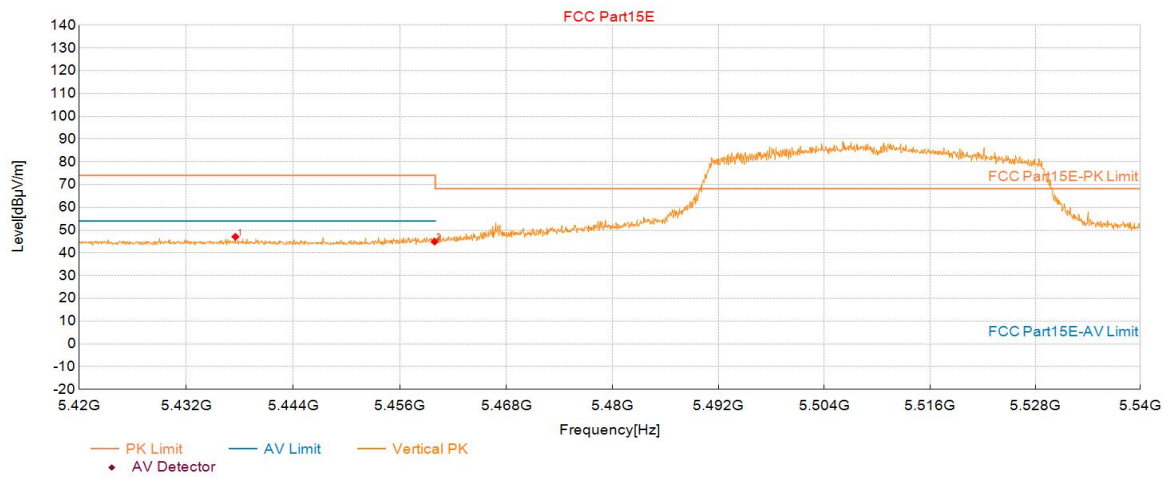


Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AX40_MCS0_5510	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-28 20:06:18

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Reading (dBμV/m)	PK Level (dBμV/m)	Factor (dB)	PK Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5437.53	52.60	47.07	-5.53	74.00	26.93	150	175	Vertical
2	5459.92	50.35	44.91	-5.44	74.00	29.09	150	79	Vertical

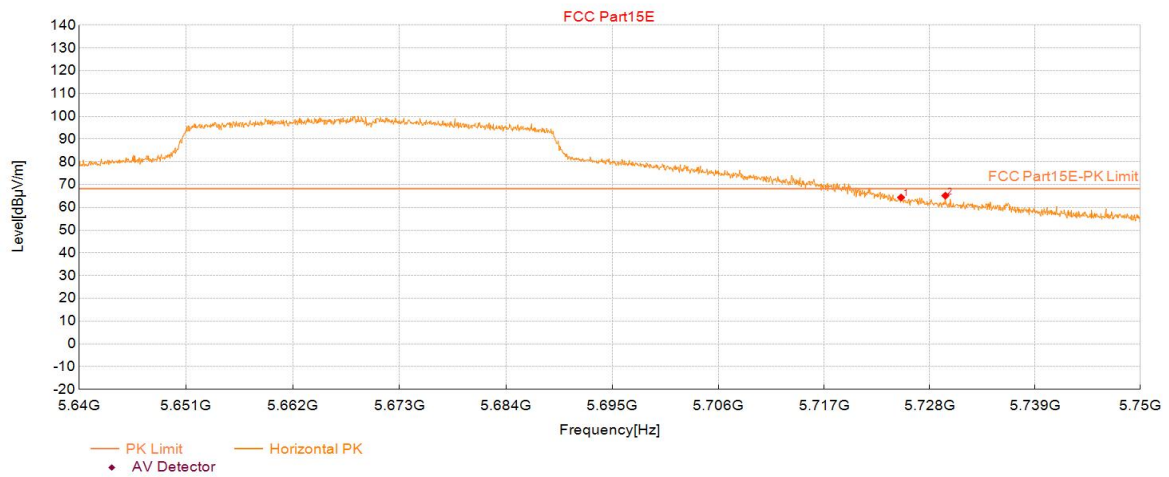
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AX40_MCS0_5670	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-28 20:07:51

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Reading(dBμV/m)	PK Level (dBμV/m)	Factor (dB)	PK Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5725.02	68.79	64.35	-4.44	68.20	3.85	150	73	Horizontal
2	5729.64	69.58	65.14	-4.44	68.20	3.06	150	73	Horizontal

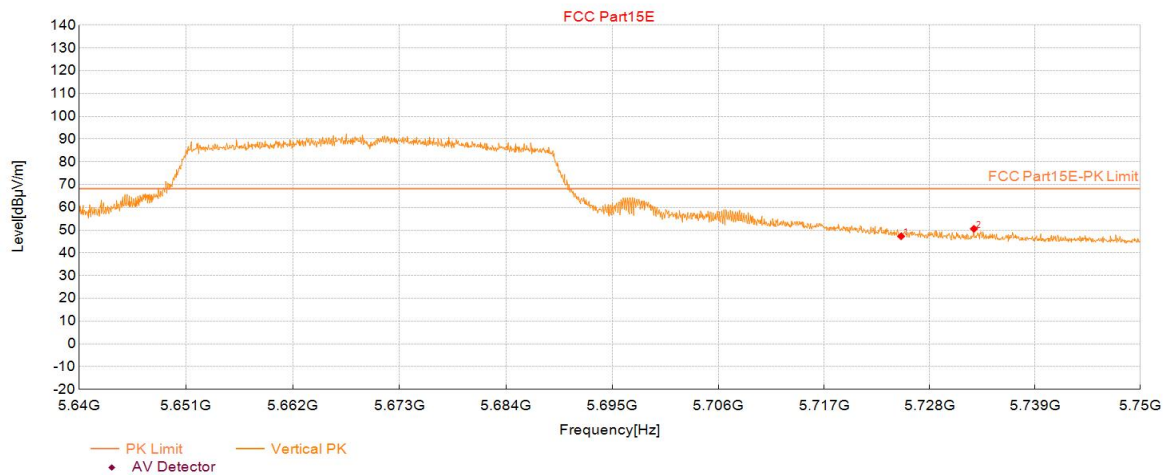
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AX40_MCS0_5670	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-28 20:08:31

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Reading(dBμV/m)	PK Level (dBμV/m)	Factor (dB)	PK Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5725.02	51.72	47.28	-4.44	68.20	20.92	150	304	Vertical
2	5732.61	55.01	50.57	-4.44	68.20	17.63	150	129	Vertical

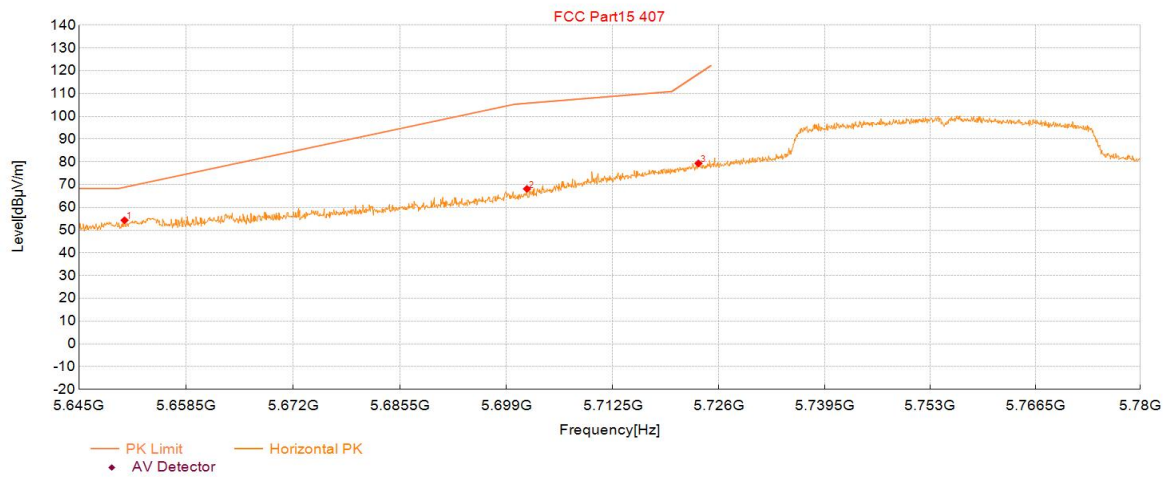
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AX40_MCS0_5755	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-28 20:10:11

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Reading (dBμV/m)	PK Level (dBμV/m)	Factor (dB)	PK Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5650.74	59.36	54.32	-5.04	68.85	14.53	150	58	Horizontal
2	5701.59	72.55	68.11	-4.44	105.75	37.64	150	42	Horizontal
3	5723.41	83.78	79.34	-4.44	118.67	39.33	150	0	Horizontal

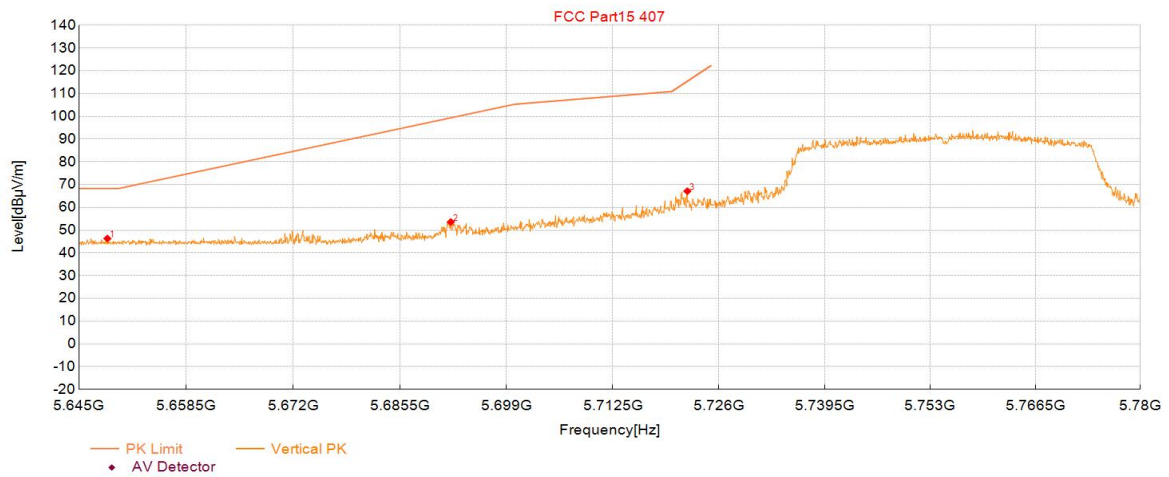
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AX40_MCS0_5755	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-28 20:10:48

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Reading(dBμV/m)	PK Level (dBμV/m)	Factor (dB)	PK Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5648.58	51.36	46.29	-5.07	68.30	22.01	150	97	Vertical
2	5691.94	58.08	53.55	-4.53	99.35	45.80	150	268	Vertical
3	5721.99	71.54	67.10	-4.44	115.43	48.33	150	128	Vertical

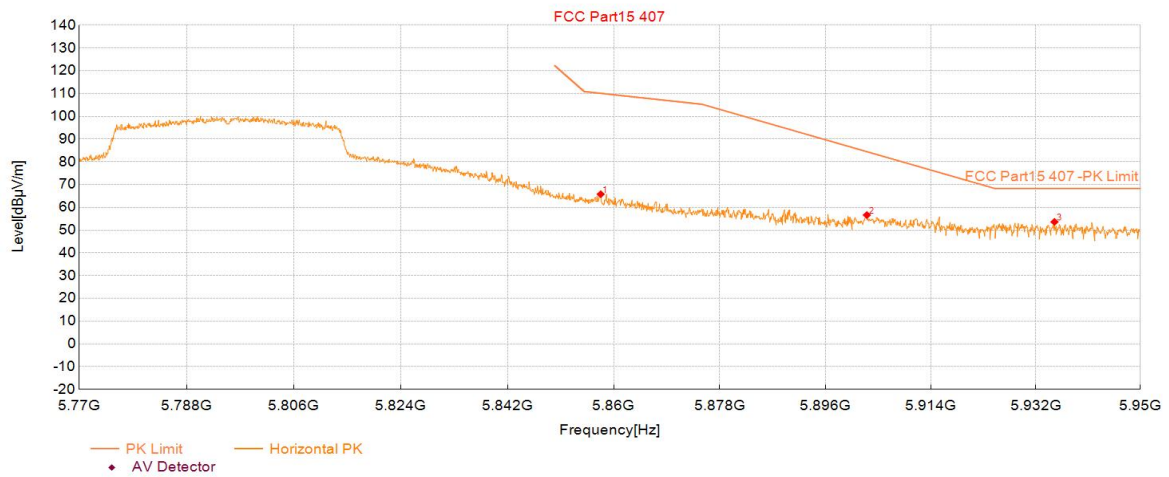
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AX40_MCS0_5795	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-28 20:12:26

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Reading (dBμV/m)	PK Level (dBμV/m)	Factor (dB)	PK Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5857.79	69.67	65.78	-3.89	110.12	44.34	150	44	Horizontal
2	5903.09	60.12	56.61	-3.51	84.48	27.87	150	44	Horizontal
3	5935.23	57.27	53.62	-3.65	68.30	14.68	150	44	Horizontal

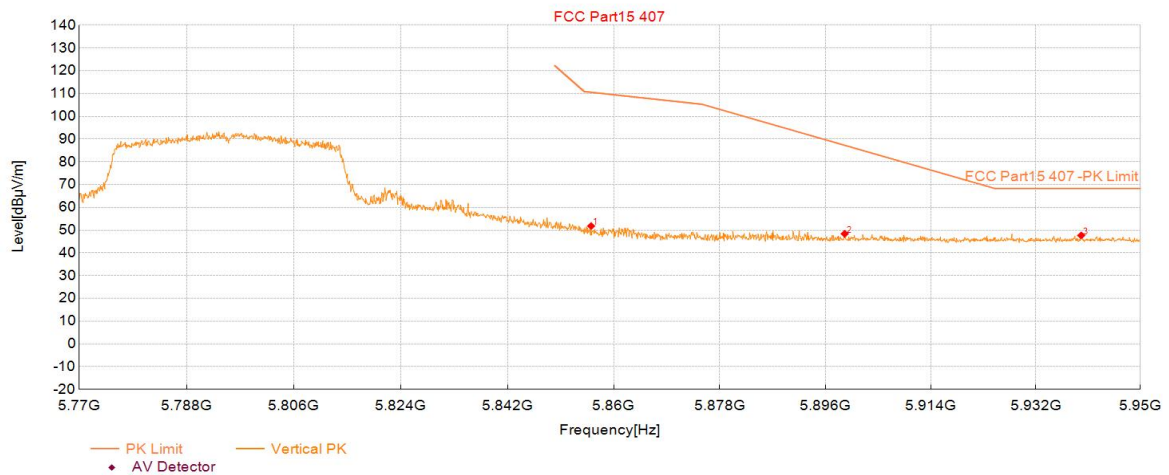
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AX40_MCS0_5795	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-28 20:13:03

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Reading(dBμV/m)	PK Level (dBμV/m)	Factor (dB)	PK Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5856.17	55.69	51.78	-3.91	110.57	58.79	150	210	Vertical
2	5899.30	51.88	48.37	-3.51	87.28	38.91	150	86	Vertical
3	5939.82	51.33	47.66	-3.67	68.30	20.64	150	149	Vertical

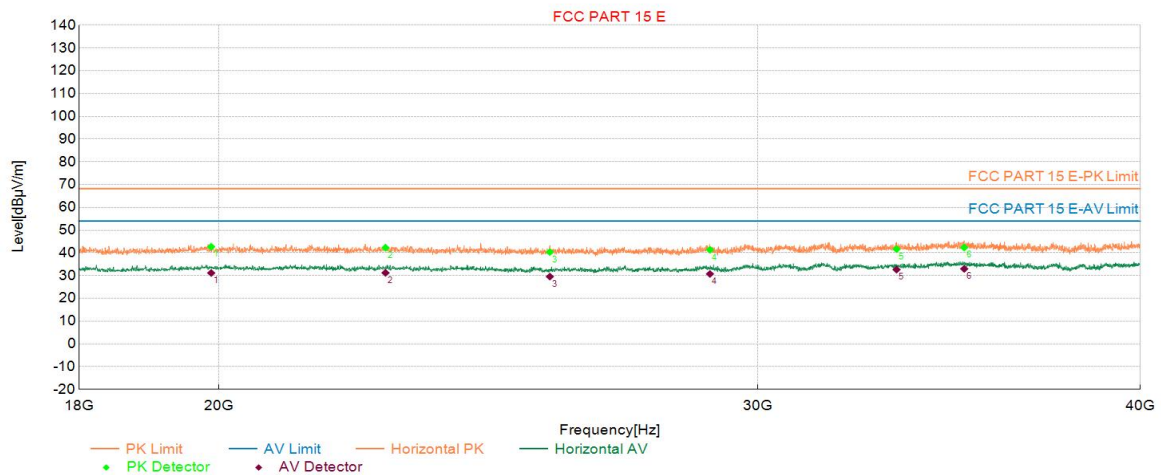
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AC40_MCS0_5190	Voltage:	DC 3.3V±0.3
Environment:	24.8°C/50%	Engineer:	
Remark:			

Start of Test:2026-07-06 18:50:54

Test Graph



PK Final Data List

NO.	Freq. (MHz)	PK Reading(dB μ V/m)	Factor (dB)	PK Value (dB μ V/m)	PK Limit (dB μ V/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19883.577	38.93	3.75	42.68	68.20	25.52	150	350	Horizontal
2	22669.334	35.75	6.51	42.26	68.20	25.94	150	330	Horizontal
3	25653.131	34.69	5.68	40.37	68.20	27.83	150	80	Horizontal
4	28936.187	34.71	6.65	41.36	68.20	26.84	150	290	Horizontal
5	33297.459	32.47	9.16	41.63	68.20	26.57	150	150	Horizontal
6	35035.807	31.36	10.99	42.35	68.20	25.85	150	60	Horizontal

AV Final Data List

NO.	Freq. (MHz)	AV Reading(dB μ V/m)	Factor (dB)	AV Value (dB μ V/m)	AV Limit (dB μ V/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19883.577	27.40	3.75	31.15	54.00	22.85	150	350	Horizontal
2	22669.334	24.71	6.51	31.22	54.00	22.78	150	330	Horizontal
3	25653.131	23.89	5.68	29.57	54.00	24.43	150	80	Horizontal
4	28936.187	24.09	6.65	30.74	54.00	23.26	150	290	Horizontal
5	33297.459	23.48	9.16	32.64	54.00	21.36	150	150	Horizontal
6	35035.807	21.99	10.99	32.98	54.00	21.02	150	60	Horizontal

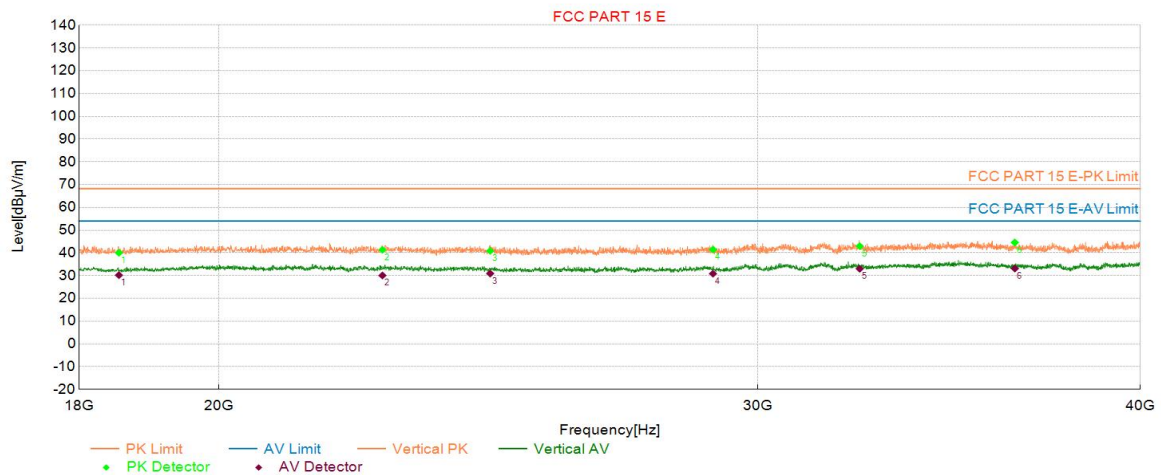
Note: Margin=Limit - Value

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AC40_MCS0_5190	Voltage:	DC 3.3V±0.3
Environment:	24.8°C/50%	Engineer:	
Remark:			

Start of Test:2026-07-06 18:51:12

Test Graph



PK Final Data List

NO.	Freq. (MHz)	PK Reading(dB μ V/m)	Factor (dB)	PK Value (dB μ V/m)	PK Limit (dB μ V/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	18550.110	37.66	2.37	40.03	68.20	28.17	150	260	Vertical
2	22616.523	34.9	6.44	41.34	68.20	26.86	150	240	Vertical
3	24526.505	33.73	7.16	40.89	68.20	27.31	150	100	Vertical
4	29002.200	34.66	6.80	41.46	68.20	26.74	150	160	Vertical
5	32386.477	33.5	9.45	42.95	68.20	25.25	150	60	Vertical
6	36395.679	34	10.54	44.54	68.20	23.66	150	100	Vertical

AV Final Data List

NO.	Freq. (MHz)	AV Reading(dB μ V/m)	Factor (dB)	AV Value (dB μ V/m)	AV Limit (dB μ V/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	18550.110	27.83	2.37	30.20	54.00	23.80	150	260	Vertical
2	22616.523	23.62	6.44	30.06	54.00	23.94	150	240	Vertical
3	24526.505	23.77	7.16	30.93	54.00	23.07	150	100	Vertical
4	29002.200	24.05	6.80	30.85	54.00	23.15	150	160	Vertical
5	32386.477	23.56	9.45	33.01	54.00	20.99	150	60	Vertical
6	36395.679	22.57	10.54	33.11	54.00	20.89	150	100	Vertical

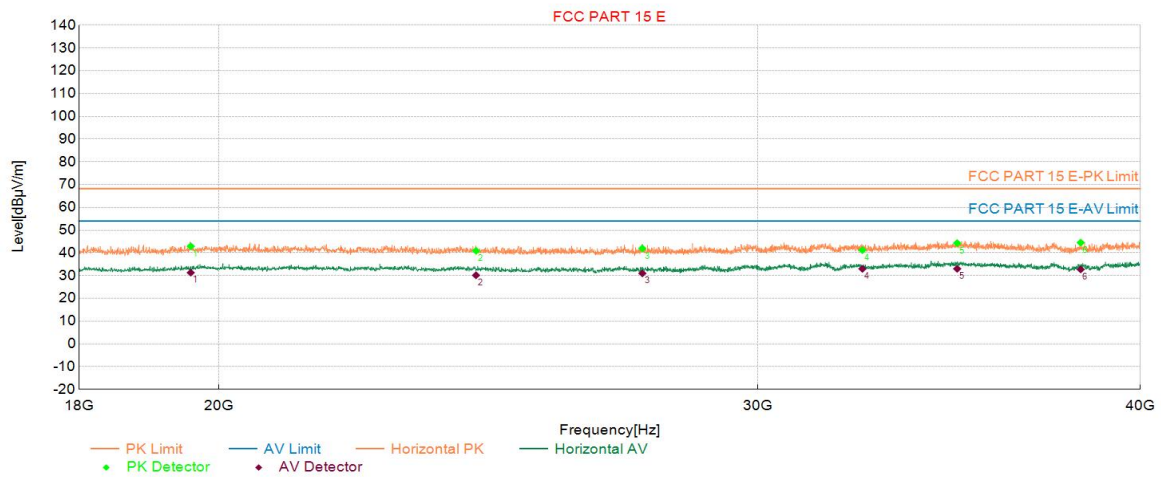
Note: Margin=Limit - Value

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AC40_MCS0_5310	Voltage:	DC 3.3V±0.3
Environment:	24.8°C/50%	Engineer:	
Remark:			

Start of Test:2026-07-06 18:51:45

Test Graph



PK Final Data List

NO.	Freq. (MHz)	PK Reading(dB μ V/m)	Factor (dB)	PK Value (dB μ V/m)	PK Limit (dB μ V/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19579.916	39.54	3.35	42.89	68.20	25.31	150	10	Horizontal
2	24266.853	33.49	7.44	40.93	68.20	27.27	150	270	Horizontal
3	27501.500	38.51	3.45	41.96	68.20	26.24	150	220	Horizontal
4	32452.490	31.82	9.39	41.21	68.20	26.99	150	130	Horizontal
5	34850.970	33.47	10.81	44.28	68.20	23.92	150	180	Horizontal
6	38244.049	35.71	8.78	44.49	68.20	23.71	150	50	Horizontal

AV Final Data List

NO.	Freq. (MHz)	AV Reading(dB μ V/m)	Factor (dB)	AV Value (dB μ V/m)	AV Limit (dB μ V/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19579.916	27.96	3.35	31.31	54.00	22.69	150	10	Horizontal
2	24266.853	22.70	7.44	30.14	54.00	23.86	150	270	Horizontal
3	27501.500	27.55	3.45	31.00	54.00	23.00	150	220	Horizontal
4	32452.490	23.58	9.39	32.97	54.00	21.03	150	130	Horizontal
5	34850.970	22.19	10.81	33.00	54.00	21.00	150	180	Horizontal
6	38244.049	23.93	8.78	32.71	54.00	21.29	150	50	Horizontal

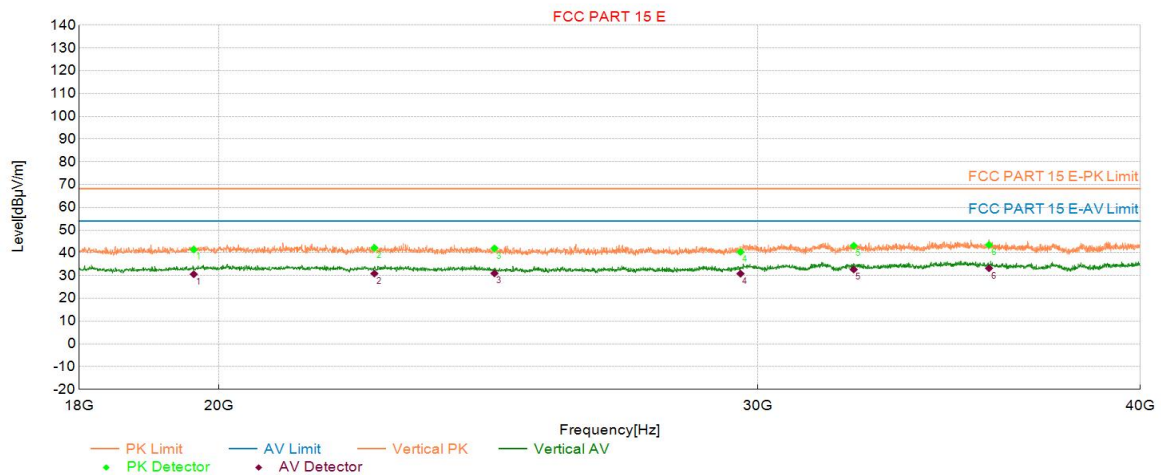
Note: Margin=Limit - Value

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AC40_MCS0_5310	Voltage:	DC 3.3V±0.3
Environment:	24.8°C/50%	Engineer:	
Remark:			

Start of Test:2026-07-06 18:52:03

Test Graph



PK Final Data List

NO.	Freq. (MHz)	PK Reading(dB μ V/m)	Factor (dB)	PK Value (dB μ V/m)	PK Limit (dB μ V/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19623.925	38.06	3.41	41.47	68.20	26.73	150	50	Vertical
2	22480.096	35.94	6.25	42.19	68.20	26.01	150	210	Vertical
3	24605.721	34.91	7.06	41.97	68.20	26.23	150	210	Vertical
4	29609.522	32.24	8.17	40.41	68.20	27.79	150	200	Vertical
5	32241.248	33.53	9.58	43.11	68.20	25.09	150	10	Vertical
6	35695.939	32.65	10.87	43.52	68.20	24.68	150	330	Vertical

AV Final Data List

NO.	Freq. (MHz)	AV Reading(dB μ V/m)	Factor (dB)	AV Value (dB μ V/m)	AV Limit (dB μ V/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19623.925	27.19	3.41	30.60	54.00	23.40	150	50	Vertical
2	22480.096	24.64	6.25	30.89	54.00	23.11	150	210	Vertical
3	24605.721	23.94	7.06	31.00	54.00	23.00	150	210	Vertical
4	29609.522	22.67	8.17	30.84	54.00	23.16	150	200	Vertical
5	32241.248	23.10	9.58	32.68	54.00	21.32	150	10	Vertical
6	35695.939	22.36	10.87	33.23	54.00	20.77	150	330	Vertical

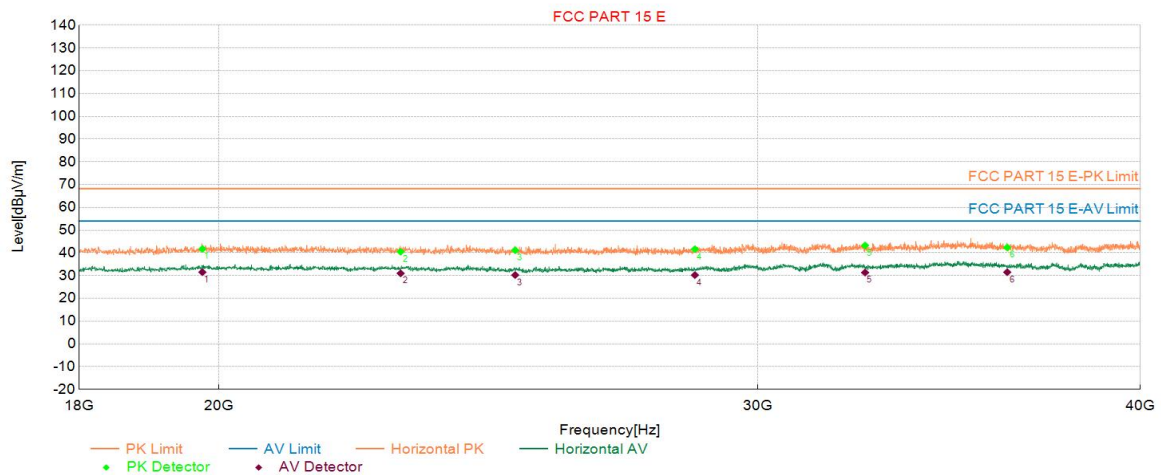
Note: Margin=Limit - Value

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AC40_MCS0_5510	Voltage:	DC 3.3V±0.3
Environment:	24.8°C/50%	Engineer:	
Remark:			

Start of Test:2026-07-06 18:52:30

Test Graph



PK Final Data List

NO.	Freq. (MHz)	PK Reading(dB μ V/m)	Factor (dB)	PK Value (dB μ V/m)	PK Limit (dB μ V/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19751.550	38.16	3.58	41.74	68.20	26.46	150	360	Horizontal
2	22928.986	33.68	6.81	40.49	68.20	27.71	150	270	Horizontal
3	24992.999	34.65	6.51	41.16	68.20	27.04	150	180	Horizontal
4	28610.522	35.7	5.91	41.61	68.20	26.59	150	250	Horizontal
5	32518.504	33.92	9.34	43.26	68.20	24.94	150	170	Horizontal
6	36188.838	31.65	10.73	42.38	68.20	25.82	150	350	Horizontal

AV Final Data List

NO.	Freq. (MHz)	AV Reading(dB μ V/m)	Factor (dB)	AV Value (dB μ V/m)	AV Limit (dB μ V/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19751.550	27.93	3.58	31.51	54.00	22.49	150	360	Horizontal
2	22928.986	24.18	6.81	30.99	54.00	23.01	150	270	Horizontal
3	24992.999	23.74	6.51	30.25	54.00	23.75	150	180	Horizontal
4	28610.522	24.32	5.91	30.23	54.00	23.77	150	250	Horizontal
5	32518.504	22.01	9.34	31.35	54.00	22.65	150	170	Horizontal
6	36188.838	20.77	10.73	31.50	54.00	22.50	150	350	Horizontal

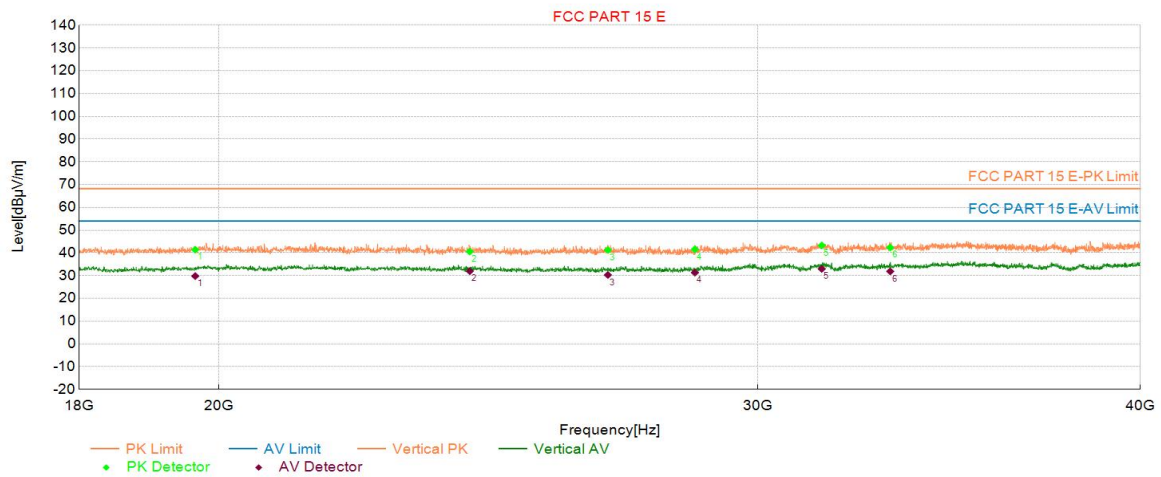
Note: Margin=Limit - Value

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AC40_MCS0_5510	Voltage:	DC 3.3V±0.3
Environment:	24.8°C/50%	Engineer:	
Remark:			

Start of Test:2026-07-06 18:52:48

Test Graph



PK Final Data List

NO.	Freq. (MHz)	PK Reading (dB μ V/m)	Factor (dB)	PK Value (dB μ V/m)	PK Limit (dB μ V/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19645.929	37.96	3.44	41.40	68.20	26.80	150	340	Vertical
2	24152.430	33.03	7.55	40.58	68.20	27.62	150	300	Vertical
3	26797.359	37.67	3.61	41.28	68.20	26.92	150	270	Vertical
4	28610.522	35.67	5.91	41.58	68.20	26.62	150	210	Vertical
5	31475.495	33.26	9.99	43.25	68.20	24.95	150	150	Vertical
6	33139.028	33.21	9.13	42.34	68.20	25.86	150	160	Vertical

AV Final Data List

NO.	Freq. (MHz)	AV Reading (dB μ V/m)	Factor (dB)	AV Value (dB μ V/m)	AV Limit (dB μ V/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19645.929	26.36	3.44	29.80	54.00	24.20	150	340	Vertical
2	24152.430	24.40	7.55	31.95	54.00	22.05	150	300	Vertical
3	26797.359	26.68	3.61	30.29	54.00	23.71	150	270	Vertical
4	28610.522	25.42	5.91	31.33	54.00	22.67	150	210	Vertical
5	31475.495	22.96	9.99	32.95	54.00	21.05	150	150	Vertical
6	33139.028	22.74	9.13	31.87	54.00	22.13	150	160	Vertical

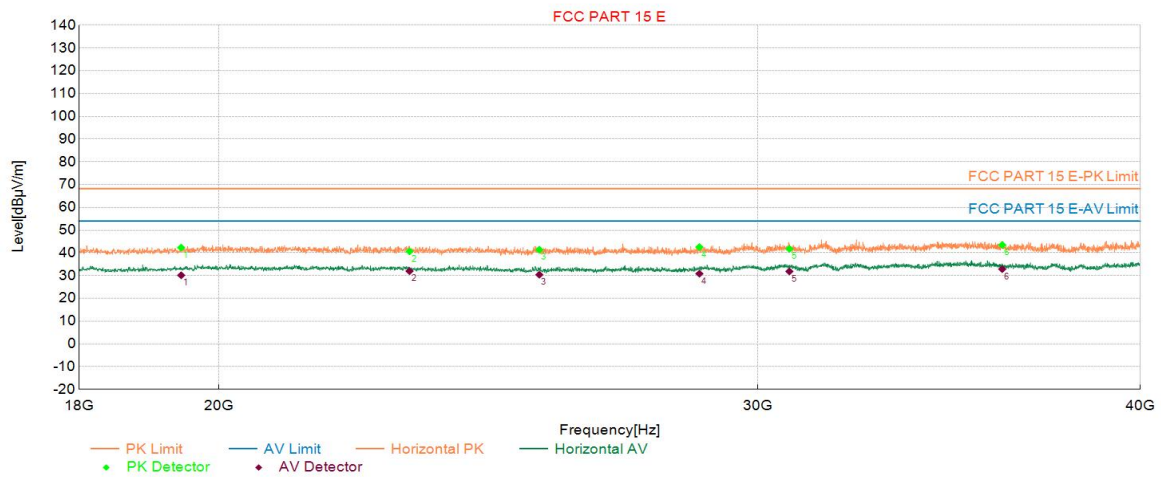
Note: Margin=Limit - Value

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AC40_MCS0_5755	Voltage:	DC 3.3V±0.3
Environment:	24.8°C/50%	Engineer:	
Remark:			

Start of Test:2026-07-06 18:53:15

Test Graph



PK Final Data List

NO.	Freq. (MHz)	PK Reading(dB μ V/m)	Factor (dB)	PK Value (dB μ V/m)	PK Limit (dB μ V/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19439.088	39.15	3.16	42.31	68.20	25.89	150	250	Horizontal
2	23083.017	33.78	6.88	40.66	68.20	27.54	150	210	Horizontal
3	25450.690	35.42	5.96	41.38	68.20	26.82	150	20	Horizontal
4	28707.341	36.4	6.13	42.53	68.20	25.67	150	180	Horizontal
5	30718.544	32.14	9.61	41.75	68.20	26.45	150	40	Horizontal
6	36052.410	32.63	10.85	43.48	68.20	24.72	150	30	Horizontal

AV Final Data List

NO.	Freq. (MHz)	AV Reading(dB μ V/m)	Factor (dB)	AV Value (dB μ V/m)	AV Limit (dB μ V/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19439.088	27.00	3.16	30.16	54.00	23.84	150	250	Horizontal
2	23083.017	25.10	6.88	31.98	54.00	22.02	150	210	Horizontal
3	25450.690	24.44	5.96	30.40	54.00	23.60	150	20	Horizontal
4	28707.341	24.72	6.13	30.85	54.00	23.15	150	180	Horizontal
5	30718.544	22.23	9.61	31.84	54.00	22.16	150	40	Horizontal
6	36052.410	22.01	10.85	32.86	54.00	21.14	150	30	Horizontal

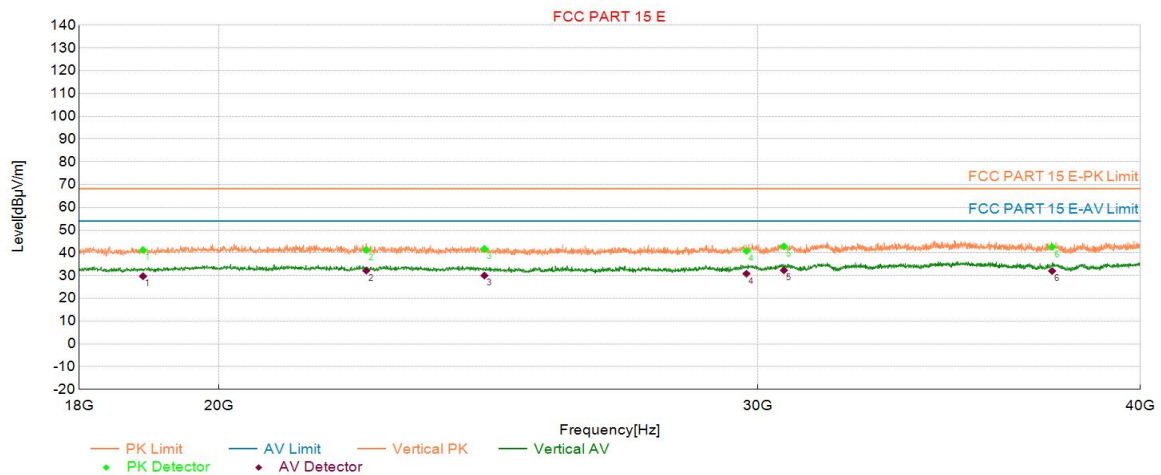
Note: Margin=Limit - Value

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	11AC40_MCS0_5755	Voltage:	DC 3.3V±0.3
Environment:	24.8°C/50%	Engineer:	
Remark:			

Start of Test:2026-07-06 18:53:33

Test Graph



PK Final Data List

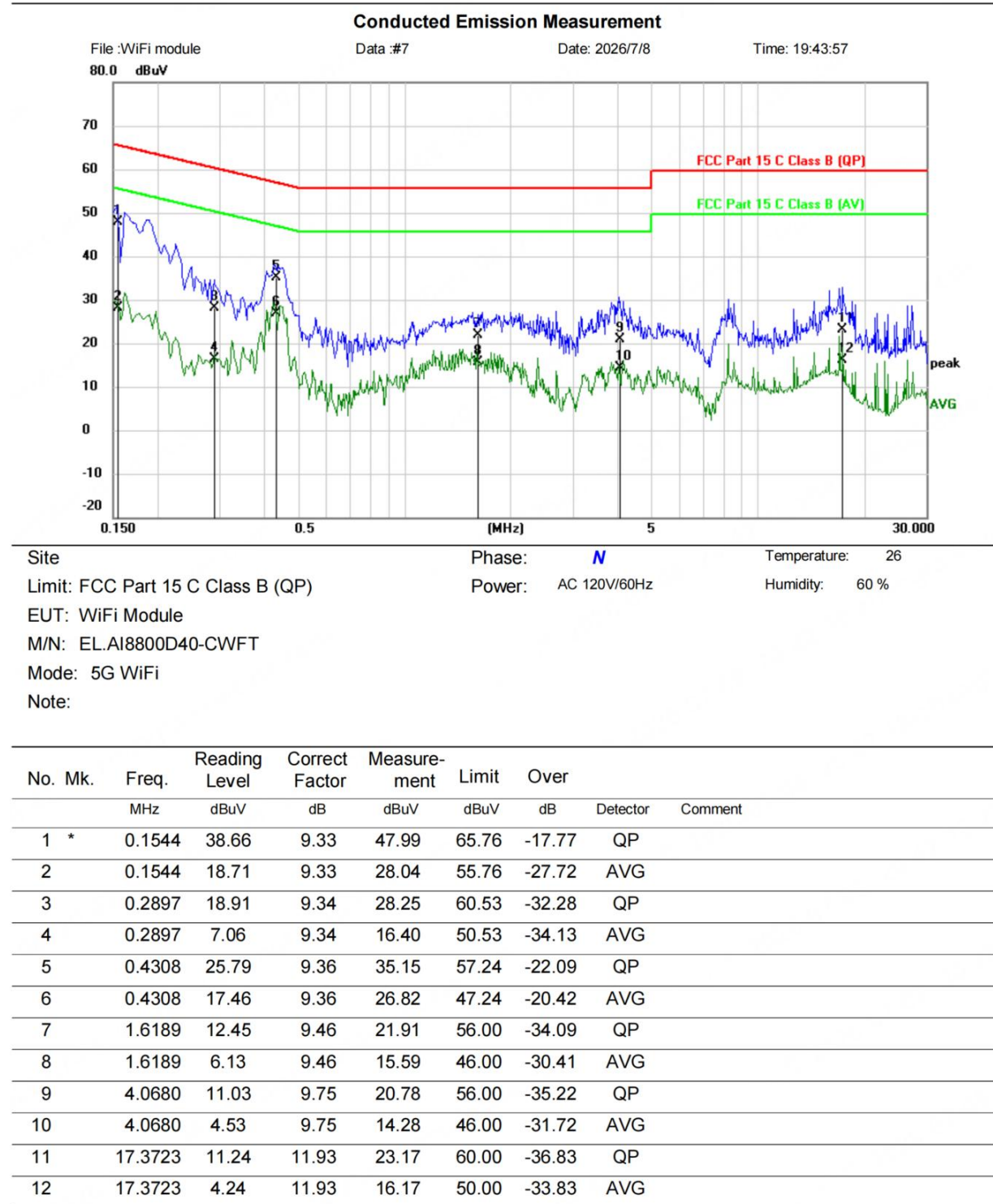
NO.	Freq. (MHz)	PK Reading(dB μ V/m)	Factor (dB)	PK Value (dB μ V/m)	PK Limit (dB μ V/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	18888.978	38.77	2.47	41.24	68.20	26.96	150	120	Vertical
2	22343.669	35.31	5.95	41.26	68.20	26.94	150	0	Vertical
3	24420.884	34.46	7.28	41.74	68.20	26.46	150	330	Vertical
4	29741.548	32.3	8.55	40.85	68.20	27.35	150	250	Vertical
5	30590.918	33.32	9.49	42.81	68.20	25.39	150	150	Vertical
6	37429.886	33.17	9.43	42.60	68.20	25.60	150	10	Vertical

AV Final Data List

NO.	Freq. (MHz)	AV Reading(dB μ V/m)	Factor (dB)	AV Value (dB μ V/m)	AV Limit (dB μ V/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	18888.978	27.25	2.47	29.72	54.00	24.28	150	120	Vertical
2	22343.669	26.23	5.95	32.18	54.00	21.82	150	0	Vertical
3	24420.884	22.76	7.28	30.04	54.00	23.96	150	330	Vertical
4	29741.548	22.29	8.55	30.84	54.00	23.16	150	250	Vertical
5	30590.918	22.85	9.49	32.34	54.00	21.66	150	150	Vertical
6	37429.886	22.58	9.43	32.01	54.00	21.99	150	10	Vertical

Note: Margin=Limit - Value

APPENDIX C – AC Power Line Conducted Emission Test Data



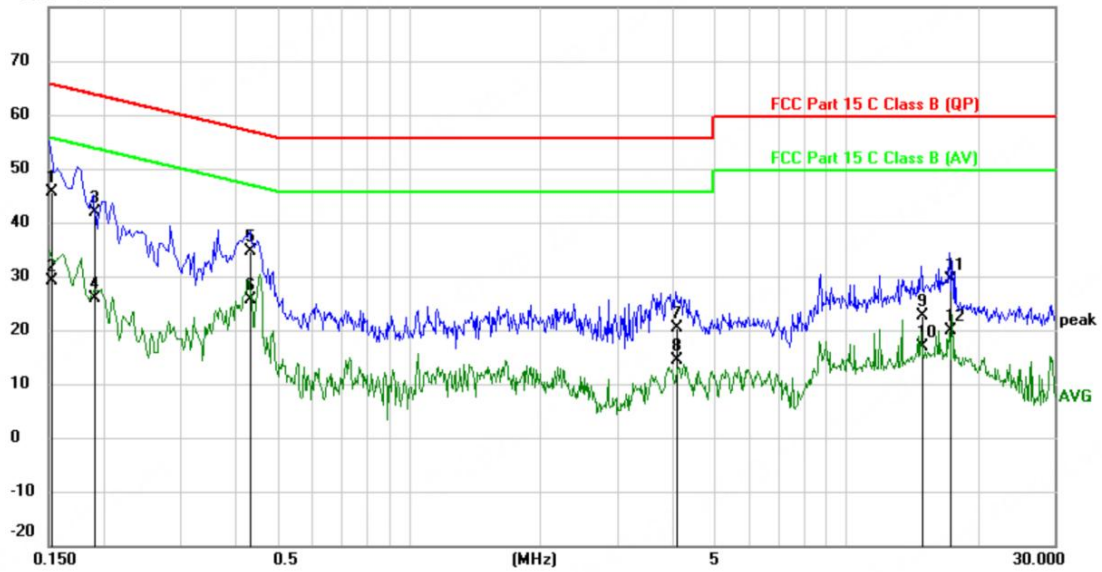
Conducted Emission Measurement

File :WiFi module
80.0 dBuV

Data :#8

Date: 2026/7/8

Time: 19:48:38



Site

Phase: **L1**

Temperature: 26

Limit: FCC Part 15 C Class B (QP)

Power: AC 120V/60Hz

Humidity: 60 %

EUT: WiFi Module

M/N: EL.A18800D40-CWFT

Mode: 5G WiFi

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1518	36.26	9.36	45.62	65.90	-20.28	QP	
2		0.1518	19.65	9.36	29.01	55.90	-26.89	AVG	
3		0.1905	32.47	9.36	41.83	64.01	-22.18	QP	
4		0.1905	16.46	9.36	25.82	54.01	-28.19	AVG	
5		0.4331	25.25	9.39	34.64	57.19	-22.55	QP	
6		0.4331	16.29	9.39	25.68	47.19	-21.51	AVG	
7		4.1121	10.49	9.83	20.32	56.00	-35.68	QP	
8		4.1121	4.45	9.83	14.28	46.00	-31.72	AVG	
9		14.8974	10.96	11.77	22.73	60.00	-37.27	QP	
10		14.8974	5.03	11.77	16.80	50.00	-33.20	AVG	
11		17.2733	17.14	12.24	29.38	60.00	-30.62	QP	
12		17.2733	7.53	12.24	19.77	50.00	-30.23	AVG	

END OF REPORT