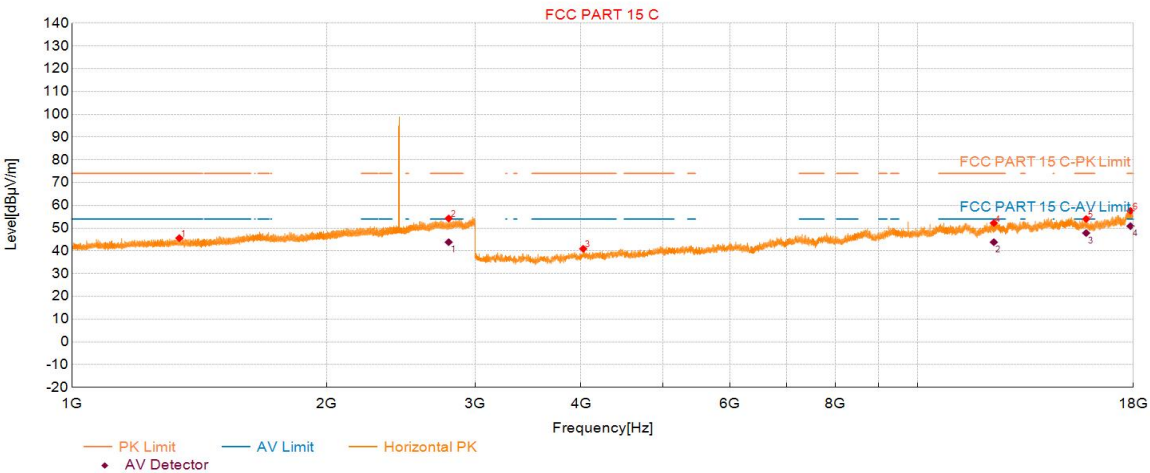


Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_2M_2440	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 20:09:58

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1339.82	12.70	45.61	32.91	74.00	28.39	150	41	Horizontal
2	2789.69	15.90	54.25	38.35	74.00	19.75	150	87	Horizontal
3	4023.80	51.99	40.91	-11.08	74.00	33.09	150	38	Horizontal
4	12310.97	43.61	52.23	8.62	74.00	21.77	150	287	Horizontal
5	15830.14	41.18	54.01	12.83	74.00	19.99	150	31	Horizontal
6	17859.74	39.12	57.62	18.50	74.00	16.38	150	170	Horizontal

AV Final Data List

NO.	Freq. (MHz)	AV Reading (dBµV/m)	Factor (dB)	AV Level (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2789.69	5.47	38.35	43.82	54.00	10.18	150	87	Horizontal
2	12310.97	35.19	8.62	43.81	54.00	10.19	150	287	Horizontal
3	15830.14	35.00	12.83	47.83	54.00	6.17	150	31	Horizontal
4	17859.74	32.38	18.50	50.88	54.00	3.12	150	170	Horizontal

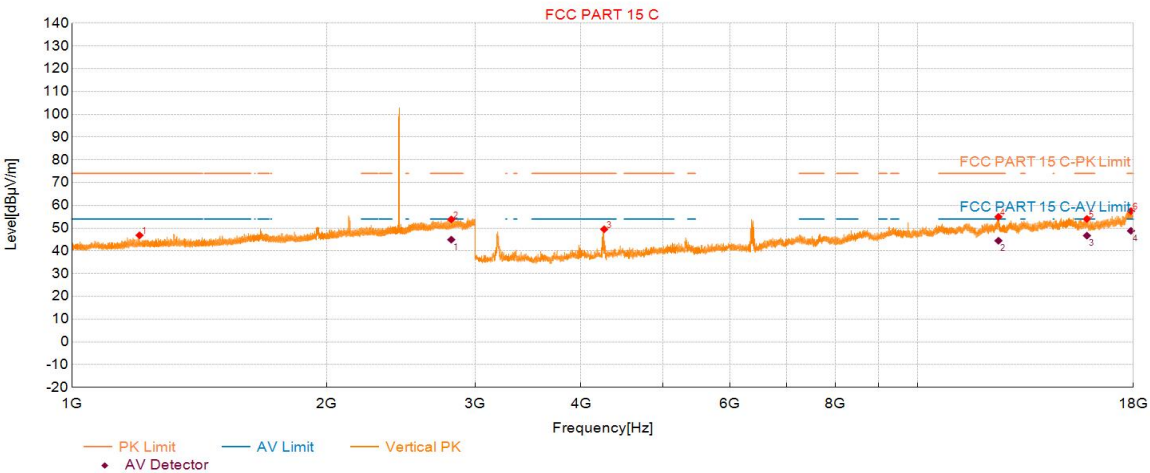
Note: Level= Reading + Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_2M_2440	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 20:11:20

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1202.11	14.06	46.83	32.77	74.00	27.17	150	141	Vertical
2	2809.49	15.36	53.80	38.44	74.00	20.20	150	326	Vertical
3	4260.81	59.94	49.50	-10.44	74.00	24.50	150	170	Vertical
4	12466.22	46.12	54.96	8.84	74.00	19.04	150	124	Vertical
5	15863.14	41.16	54.04	12.88	74.00	19.96	150	61	Vertical
6	17882.24	38.91	57.49	18.58	74.00	16.51	150	100	Vertical

AV Final Data List

NO.	Freq. (MHz)	AV Reading (dBµV/m)	Factor (dB)	AV Level (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2809.49	6.48	38.44	44.92	54.00	9.08	150	326	Vertical
2	12466.22	35.61	8.84	44.45	54.00	9.55	150	124	Vertical
3	15863.14	33.82	12.88	46.70	54.00	7.30	150	61	Vertical
4	17882.24	30.23	18.58	48.81	54.00	5.19	150	100	Vertical

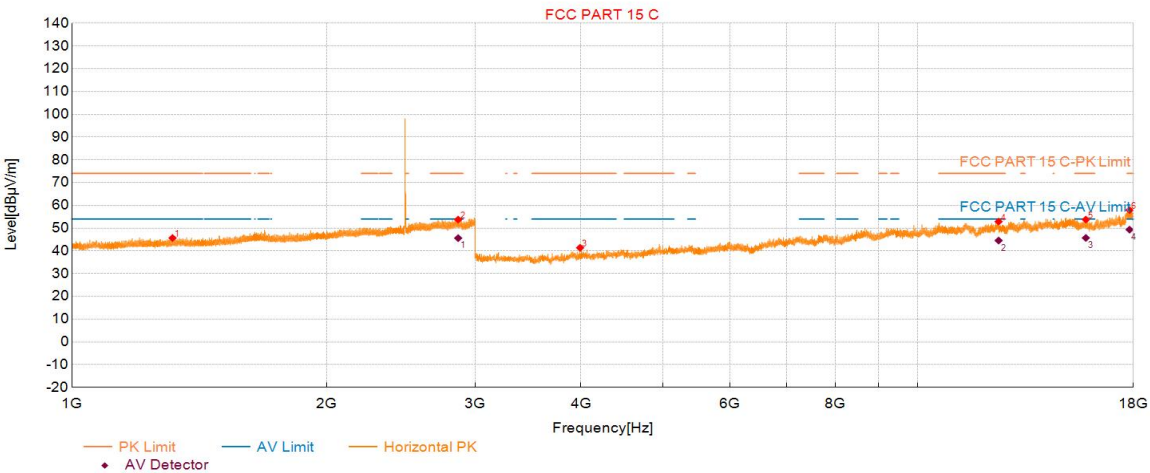
Note: Level= Reading + Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_2M_2480	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 20:13:53

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1315.12	12.78	45.65	32.87	74.00	28.35	150	219	Horizontal
2	2862.69	14.98	53.74	38.76	74.00	20.26	150	80	Horizontal
3	3990.05	52.55	41.35	-11.20	74.00	32.65	150	95	Horizontal
4	12473.72	43.99	52.86	8.87	74.00	21.14	150	40	Horizontal
5	15815.14	40.94	53.75	12.81	74.00	20.25	150	0	Horizontal
6	17814.74	39.59	57.92	18.33	74.00	16.08	150	133	Horizontal

AV Final Data List

NO.	Freq. (MHz)	AV Reading (dBµV/m)	Factor (dB)	AV Level (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2862.69	6.84	38.76	45.60	54.00	8.40	150	80	Horizontal
2	12473.72	35.67	8.87	44.54	54.00	9.46	150	40	Horizontal
3	15815.14	32.87	12.81	45.68	54.00	8.32	150	0	Horizontal
4	17814.74	30.99	18.33	49.32	54.00	4.68	150	133	Horizontal

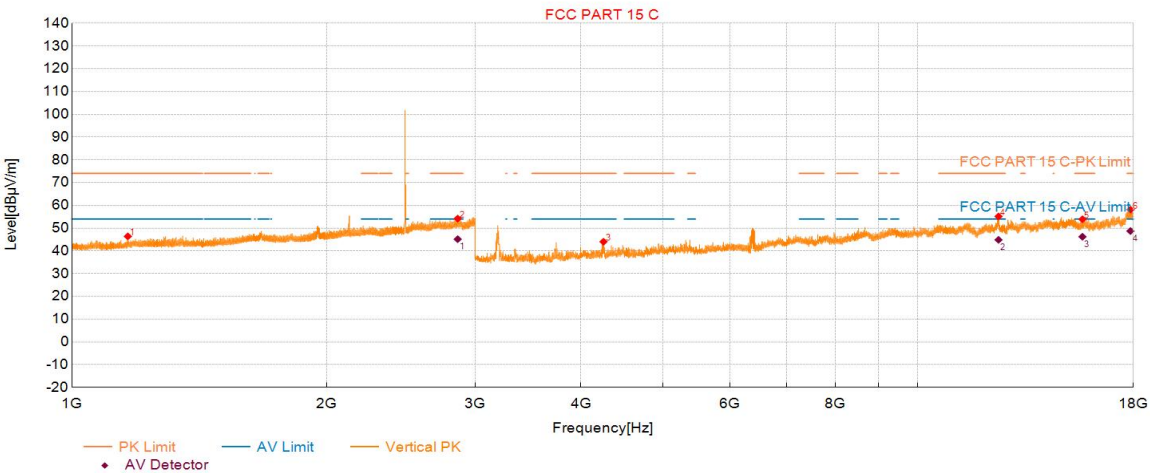
Note: Level= Reading + Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_2M_2480	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 20:15:15

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Reading (dBµV/m)	Level (dBµV/m)	Factor (dB)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	1164.41	13.95	46.37	32.42	74.00	27.63	150	125	Vertical
2	2859.09	15.42	54.16	38.74	74.00	19.84	150	78	Vertical
3	4252.56	54.53	44.02	-10.51	74.00	29.98	150	134	Vertical
4	12469.22	46.28	55.13	8.85	74.00	18.87	150	110	Vertical
5	15671.13	40.91	53.88	12.97	74.00	20.12	150	260	Vertical
6	17858.99	39.61	58.10	18.49	74.00	15.90	150	284	Vertical

AV Final Data List

NO.	Freq. (MHz)	AV Reading (dBµV/m)	Factor (dB)	AV Level (dBµV/m)	AV Limit (dBµV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	2859.09	6.40	38.74	45.14	54.00	8.86	150	78	Vertical
2	12469.22	36.00	8.85	44.85	54.00	9.15	150	110	Vertical
3	15671.13	33.24	12.97	46.21	54.00	7.79	150	260	Vertical
4	17858.99	30.23	18.49	48.72	54.00	5.28	150	284	Vertical

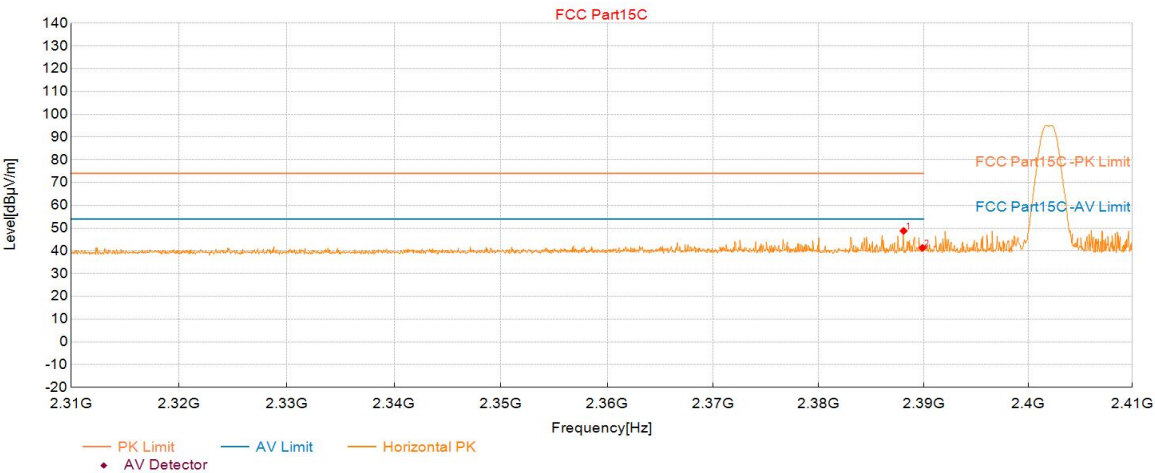
Note: Level= Reading + Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_1M_2402	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 19:57:18

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	2388.09	67.02	48.77	-18.25	74.00	25.23	150	274	Horizontal
2	2389.89	59.58	41.33	-18.25	74.00	32.67	150	313	Horizontal

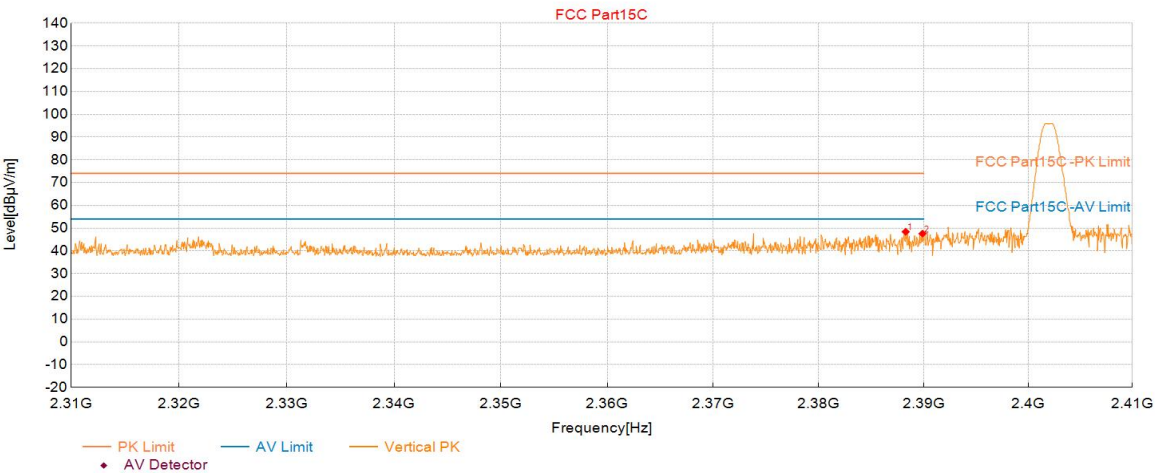
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_1M_2402	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 19:57:58

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	2388.29	66.64	48.39	-18.25	74.00	25.61	150	225	Vertical
2	2389.89	65.82	47.57	-18.25	74.00	26.43	150	3	Vertical

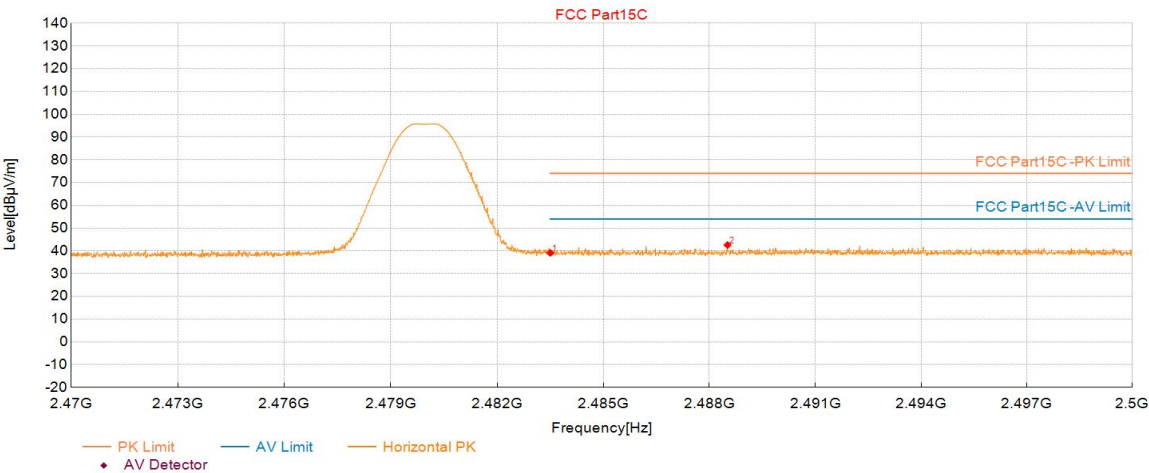
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_1M_2480	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 20:00:10

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	2483.50	56.63	39.09	-17.54	74.00	34.91	150	358	Horizontal
2	2488.52	60.07	42.57	-17.50	74.00	31.43	150	208	Horizontal

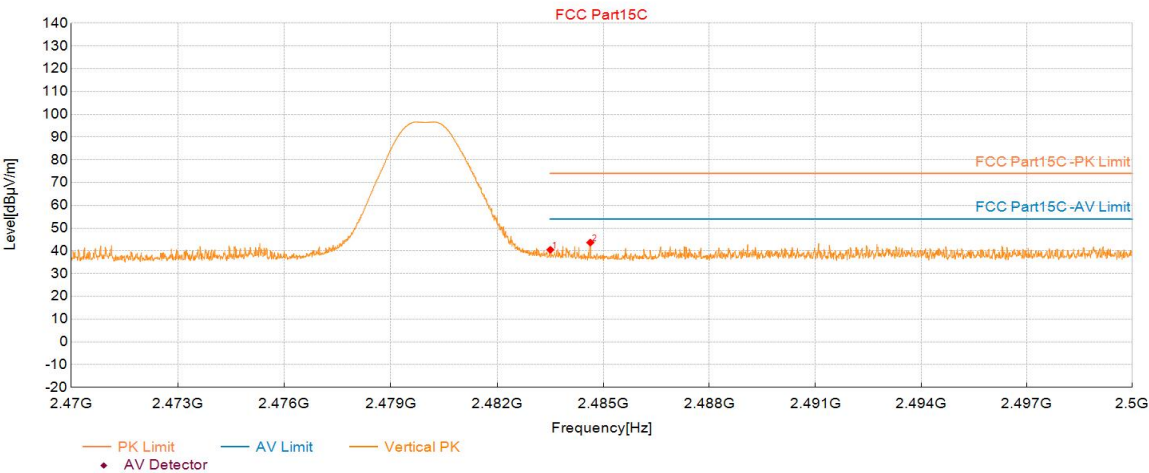
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_1M_2480	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 20:00:50

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	2483.50	58.01	40.47	-17.54	74.00	33.53	150	127	Vertical
2	2484.63	61.19	43.65	-17.54	74.00	30.35	150	167	Vertical

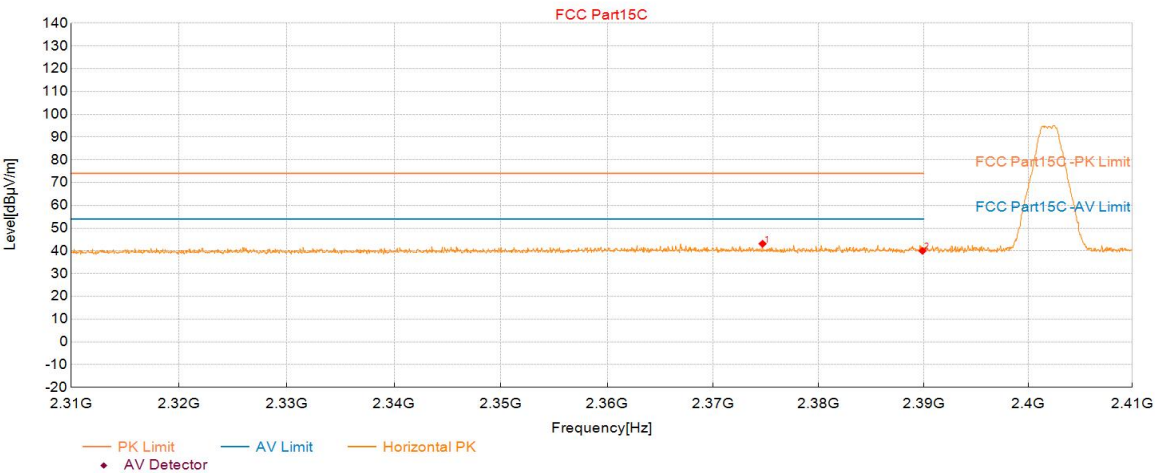
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_2M_2402	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 20:02:43

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	2374.68	61.40	43.12	-18.28	74.00	30.88	150	201	Horizontal
2	2389.89	58.25	40.00	-18.25	74.00	34.00	150	310	Horizontal

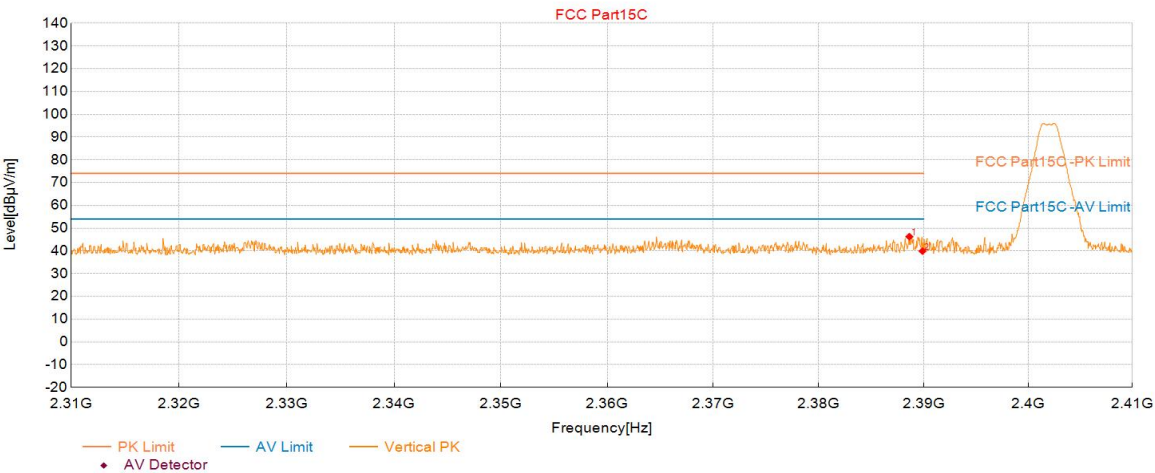
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_2M_2402	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 20:03:23

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	2388.64	64.49	46.24	-18.25	74.00	27.76	150	175	Vertical
2	2389.89	58.15	39.90	-18.25	74.00	34.10	150	166	Vertical

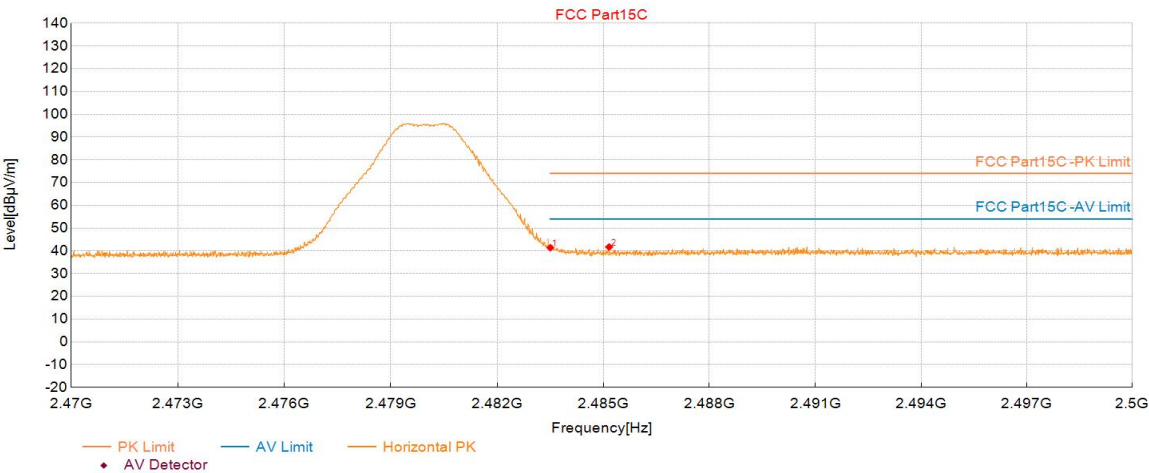
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_2M_2480	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 20:18:54

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	2483.50	58.93	41.39	-17.54	74.00	32.61	150	267	Horizontal
2	2485.17	59.24	41.70	-17.54	74.00	32.30	150	359	Horizontal

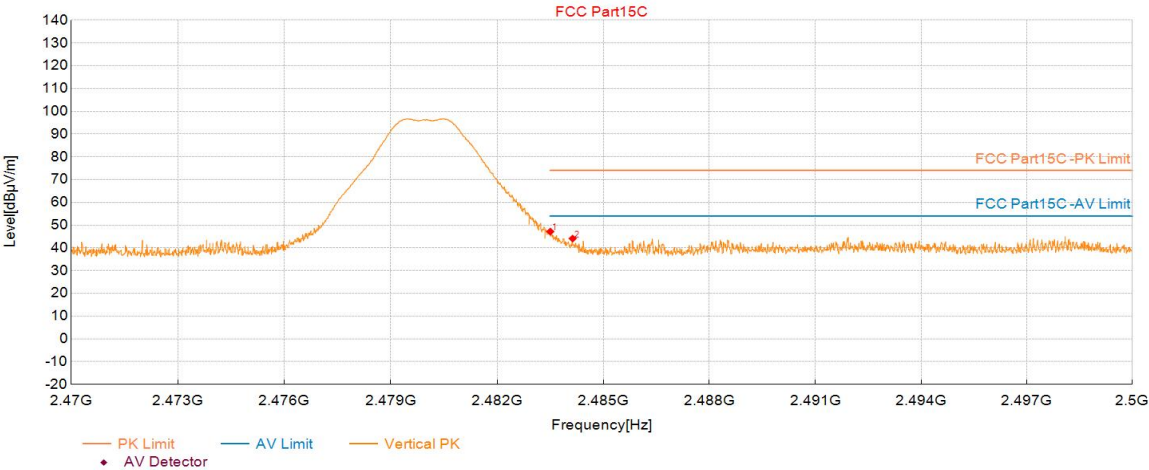
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_2M_2480	Voltage:	DC 3.3V±0.3
Environment:	25.3℃ 53%	Engineer:	Soho Liu
Remark:			

Start of Test:2026-06-27 20:19:34

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	2483.50	64.71	47.17	-17.54	74.00	26.83	150	37	Vertical
2	2484.13	61.63	44.09	-17.54	74.00	29.91	150	166	Vertical

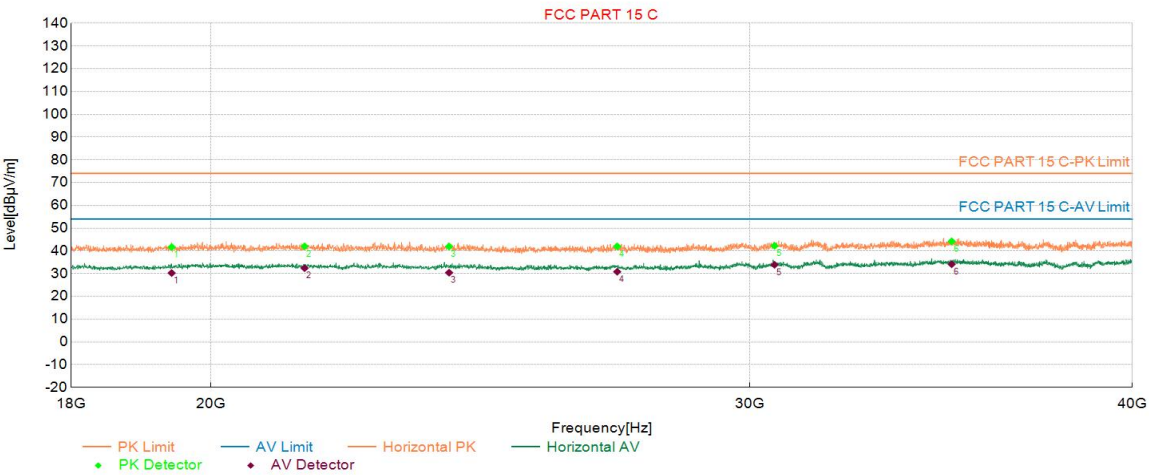
Note: Level=Reading+Factor, Margin=Limit - Level

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_2M_2480	Voltage:	DC 3.3V±0.3
Environment:	24.8℃/50%	Engineer:	
Remark:			

Start of Test:2026-07-07 19:27:57

Test Graph



PK Final Data List								
NO.	Freq. (MHz)	PK Reading(dB µ V/m)	PK Value (dB µ V/m)	PK Limit (dB µ V/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19417.083	38.55	41.68	74.00	32.32	150	350	Horizontal
2	21459.092	36.87	42.00	74.00	32.00	150	60	Horizontal
3	23923.585	34.37	41.93	74.00	32.07	150	300	Horizontal
4	27149.430	38.55	41.96	74.00	32.04	150	120	Horizontal
5	30560.112	32.76	42.22	74.00	31.78	150	70	Horizontal
6	34916.983	33.3	44.19	74.00	29.81	150	20	Horizontal

AV Final Data List								
NO.	Freq. (MHz)	AV Reading(dB µ V/m)	AV Value (dB µ V/m)	AV Limit (dB µ V/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19417.083	27.14	30.27	54.00	23.73	150	350	Horizontal
2	21459.092	27.28	32.41	54.00	21.59	150	60	Horizontal
3	23923.585	22.85	30.41	54.00	23.59	150	300	Horizontal
4	27149.430	27.41	30.82	54.00	23.18	150	120	Horizontal
5	30560.112	24.42	33.88	54.00	20.12	150	70	Horizontal
6	34916.983	23.23	34.12	54.00	19.88	150	20	Horizontal

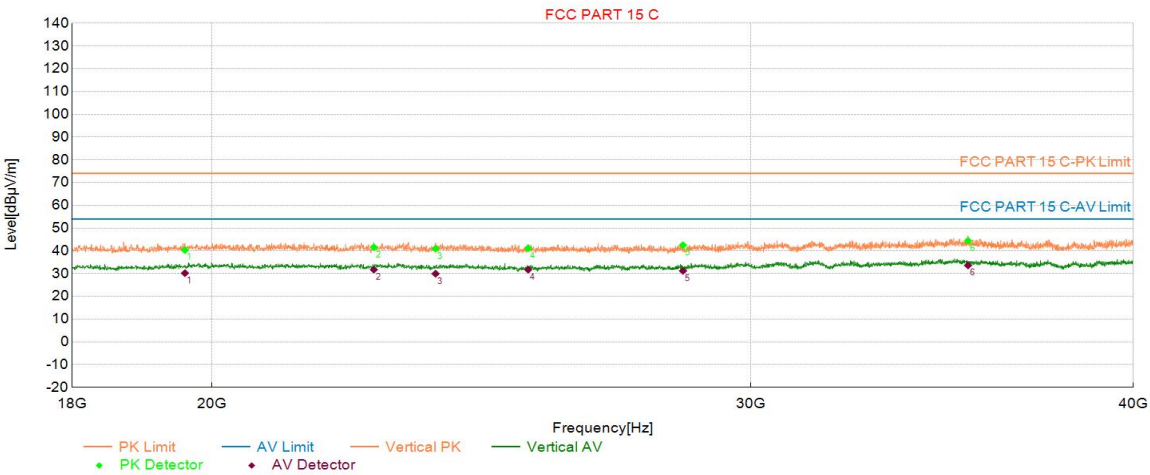
Note: Margin=Limit - Value

Test Report

Project Information			
Customer:	wifi module		
EUT:			
Model:	EL.AI8800D40-CWFT	SN:	
Mode:	BLE_2M_2480	Voltage:	DC 3.3V±0.3
Environment:	24.8℃/50%	Engineer:	
Remark:			

Start of Test:2026-07-07 19:28:15

Test Graph



PK Final Data List

NO.	Freq. (MHz)	PK Reading(dB µ V/m)	PK Value (dB µ V/m)	PK Limit (dB µ V/m)	PK Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19597.520	37.02	40.40	74.00	33.60	150	20	Vertical
2	22590.118	35.16	41.57	74.00	32.43	150	140	Vertical
3	23663.933	33.9	40.96	74.00	33.04	150	350	Vertical
4	25371.474	35.1	41.15	74.00	32.85	150	210	Vertical
5	28504.901	36.84	42.50	74.00	31.50	150	40	Vertical
6	35321.864	33.55	44.45	74.00	29.55	150	300	Vertical

AV Final Data List

NO.	Freq. (MHz)	AV Reading(dB µ V/m)	AV Value (dB µ V/m)	AV Limit (dB µ V/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	19597.520	26.83	30.21	54.00	23.79	150	20	Vertical
2	22590.118	25.33	31.74	54.00	22.26	150	140	Vertical
3	23663.933	22.88	29.94	54.00	24.06	150	350	Vertical
4	25371.474	25.66	31.71	54.00	22.29	150	210	Vertical
5	28504.901	25.55	31.21	54.00	22.79	150	40	Vertical
6	35321.864	22.69	33.59	54.00	20.41	150	300	Vertical

Note: Margin=Limit - Value

APPENDIX C – AC Power Line Conducted Emission Test Data

