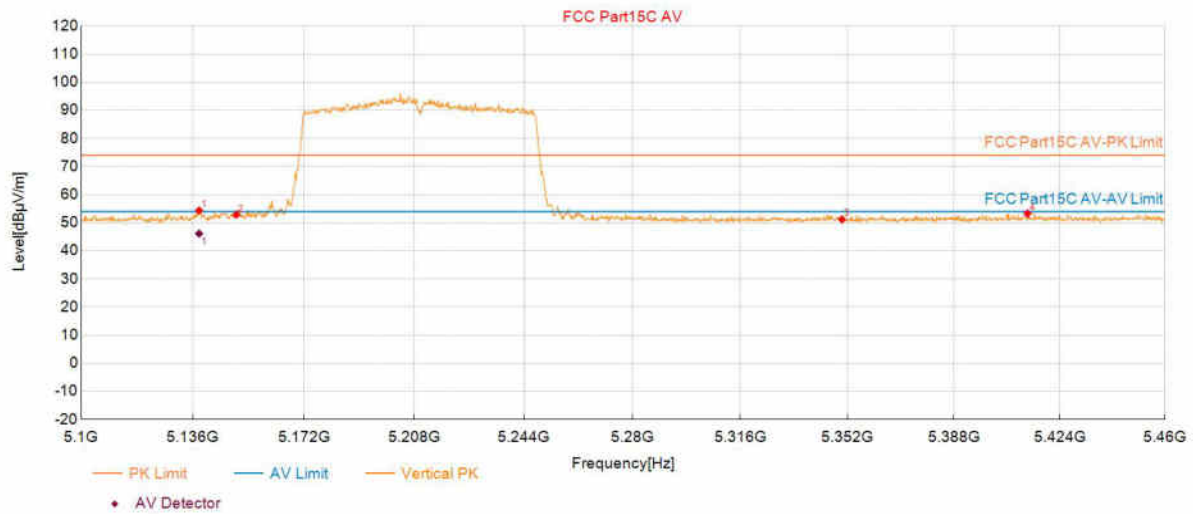


Test Report

Project Information			
Customer:			
EUT:	IEEE 802.11b/g/n/a/ac 2T2R USB WiFi Module Integrated BT 2.1+EDR/4.2/5.1		
Model:	SKO.WB663U.16	SN:	
Mode:	11AC80_5210	Voltage:	DC 5V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set:16		
Test Standard: FCC Part15C AV			

Start of Test:2025-02-12 15:51:47

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5137.9990	54.35	17.80	74.00	19.65	150	72	Vertical
2	5150.0650	52.82	17.79	74.00	21.18	150	91	Vertical
3	5350.1451	51.16	18.34	74.00	22.84	150	0	Vertical
4	5412.9965	53.31	18.65	74.00	20.69	150	22	Vertical

PK Final Data List

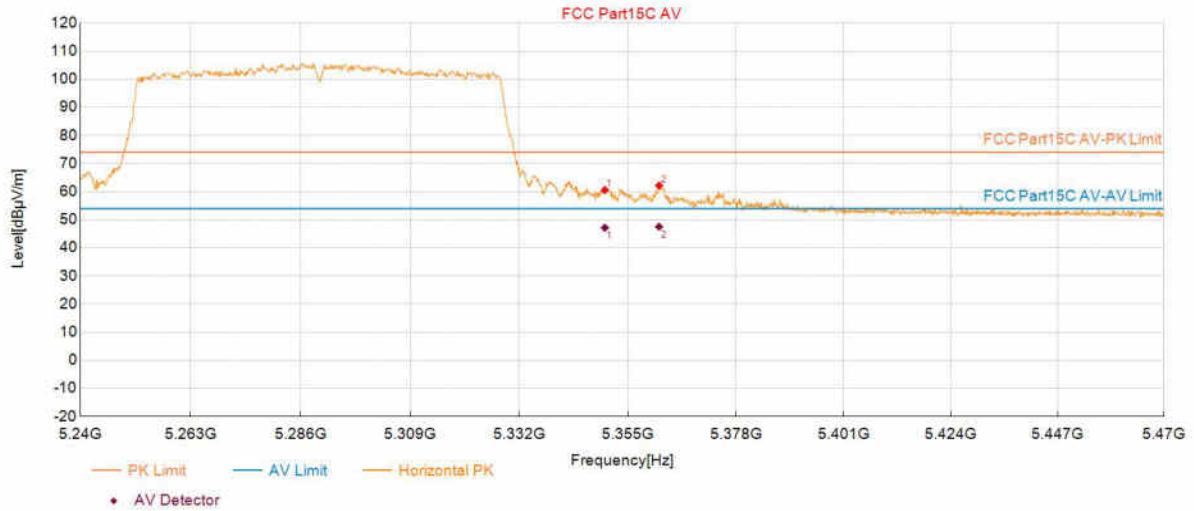
NO.	Frequency (MHz)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5137.9990	46.14	54.00	7.86	150	72	Vertical

Test Report

Project Information			
Customer:			
EUT:	IEEE 802.11b/g/n/a/ac 2T2R USB WiFi Module Integrated BT 2.1+EDR/4.2/5.1		
Model:	SKO.WB663U.16	SN:	
Mode:	11AC80_5290	Voltage:	DC 5V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set:16		
Test Standard: FCC Part15C AV			

Start of Test:2025-02-12 15:57:20

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5350.1101	60.59	18.34	74.00	13.41	150	187	Horizontal
2	5361.6158	62.15	18.40	74.00	11.85	150	108	Horizontal

PK Final Data List

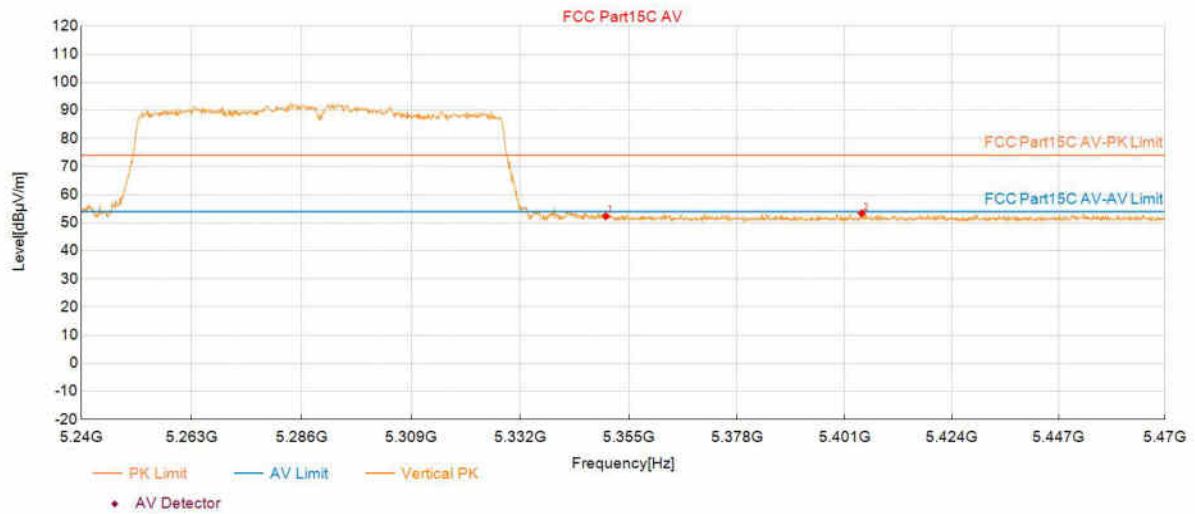
NO.	Frequency (MHz)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5350.1101	47.14	54.00	6.86	150	187	Horizontal
2	5361.6158	47.52	54.00	6.48	150	108	Horizontal

Test Report

Project Information			
Customer:			
EUT:	IEEE 802.11b/g/n/a/ac 2T2R USB WiFi Module Integrated BT 2.1+EDR/4.2/5.1		
Model:	SKO.WB663U.16	SN:	
Mode:	11AC80_5290	Voltage:	DC 5V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set:16		
Test Standard: FCC Part15C AV			

Start of Test:2025-02-12 15:58:02

Test Graph



Suspected Data List

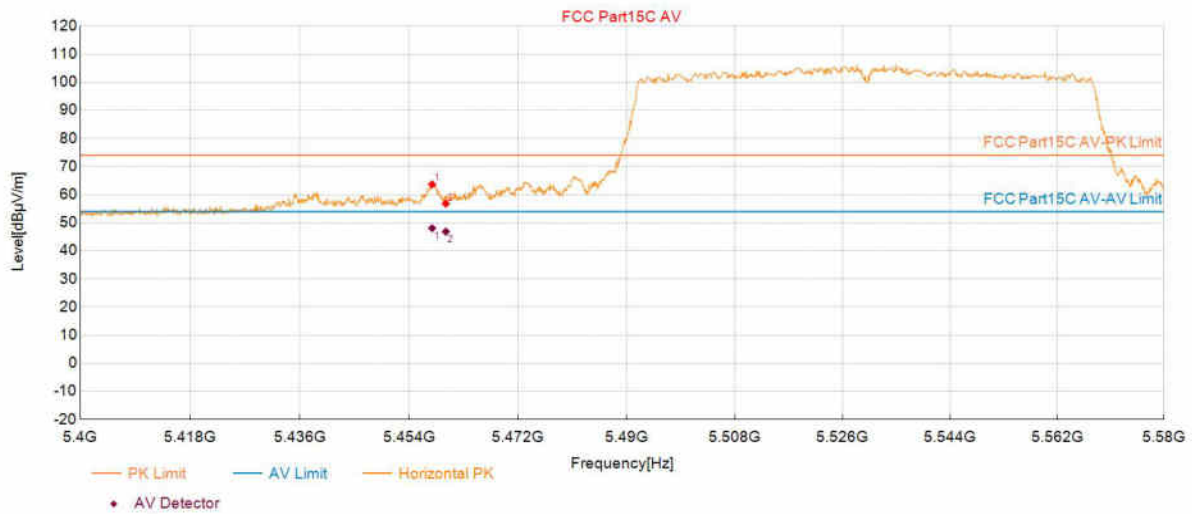
NO.	Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5350.1101	52.30	18.34	74.00	21.70	150	158	Vertical
2	5404.6473	53.31	18.63	74.00	20.69	150	110	Vertical

Test Report

Project Information			
Customer:			
EUT:	IEEE 802.11b/g/n/a/ac 2T2R USB WiFi Module Integrated BT 2.1+EDR/4.2/5.1		
Model:	SKO.WB663U.16	SN:	
Mode:	11AC80_5530	Voltage:	DC 5V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set:16		
Test Standard: FCC Part15C AV			

Start of Test:2025-02-12 16:00:55

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5457.8089	63.66	18.72	74.00	10.34	150	112	Horizontal
2	5460.0600	56.79	18.72	74.00	17.21	150	170	Horizontal

PK Final Data List

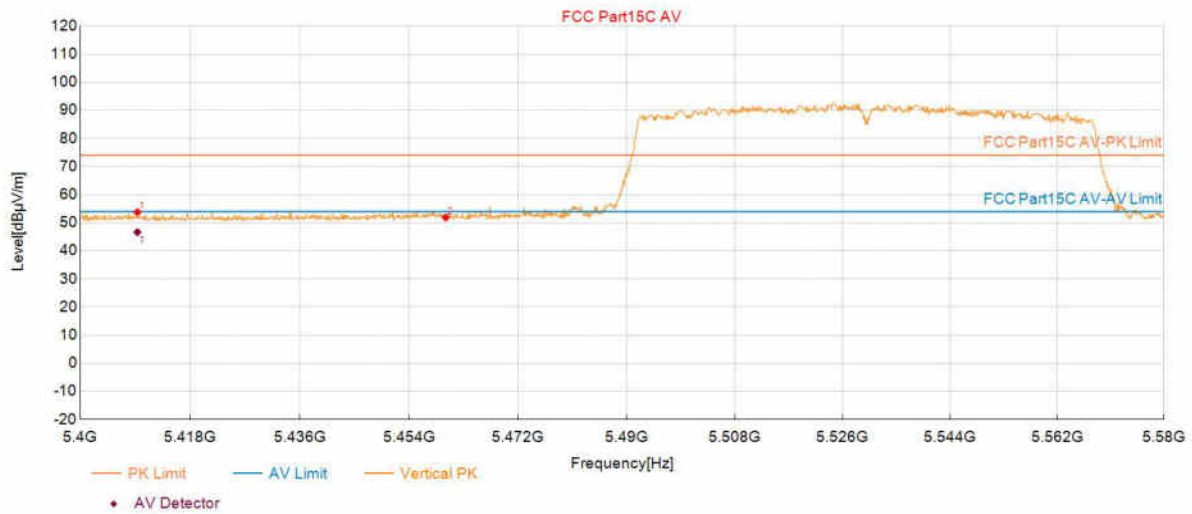
NO.	Frequency (MHz)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5457.8089	48.05	54.00	5.95	150	112	Horizontal
2	5460.0600	46.82	54.00	7.18	150	170	Horizontal

Test Report

Project Information			
Customer:			
EUT:	IEEE 802.11b/g/n/a/ac 2T2R USB WiFi Module Integrated BT 2.1+EDR/4.2/5.1		
Model:	SKO.WB663U.16	SN:	
Mode:	11AC80_5530	Voltage:	DC 5V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set:16		
Test Standard: FCC Part15C AV			

Start of Test:2025-02-12 16:01:38

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5409.3647	53.75	18.64	74.00	20.25	150	91	Vertical
2	5460.0600	51.86	18.72	74.00	22.14	150	0	Vertical

PK Final Data List

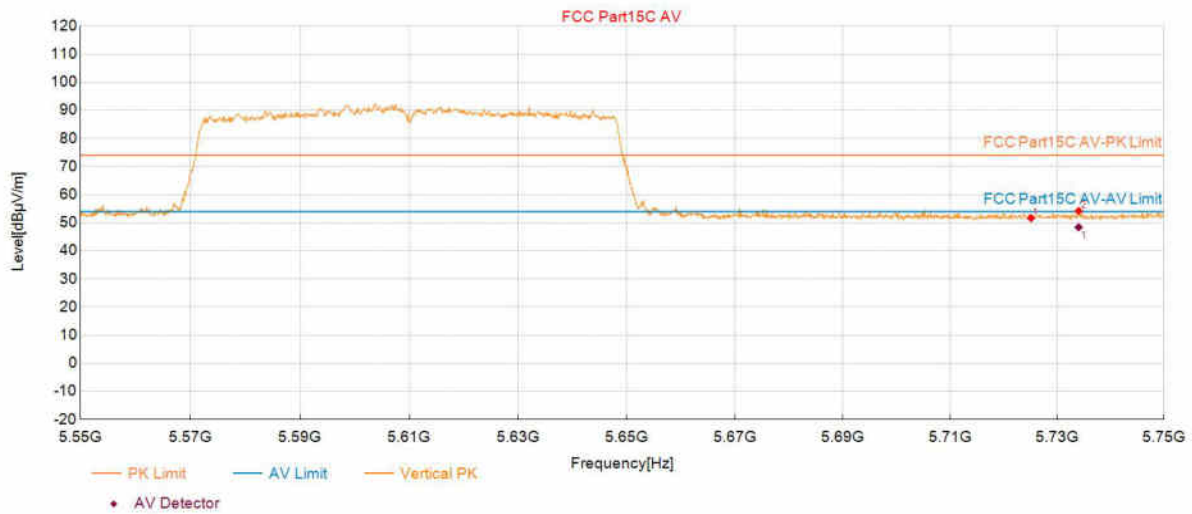
NO.	Frequency (MHz)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5409.3647	46.65	54.00	7.35	150	91	Vertical

Test Report

Project Information			
Customer:			
EUT:	IEEE 802.11b/g/n/a/ac 2T2R USB WiFi Module Integrated BT 2.1+EDR/4.2/5.1		
Model:	SKO.WB663U.16	SN:	
Mode:	11AC80_5610	Voltage:	DC 5V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set:16		
Test Standard: FCC Part15C AV			

Start of Test:2025-02-12 16:07:20

Test Graph



Suspected Data List

NO.	Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5725.0875	51.65	19.93	74.00	22.35	150	222	Vertical
2	5733.9920	54.19	19.97	74.00	19.81	150	242	Vertical

PK Final Data List

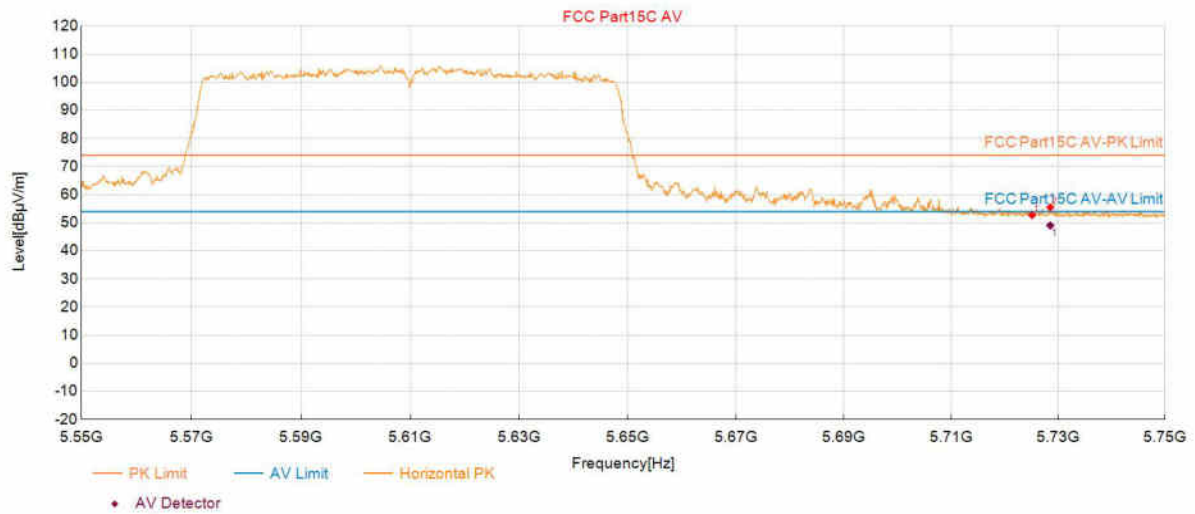
NO.	Frequency (MHz)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5733.9920	48.38	54.00	5.62	150	242	Vertical

Test Report

Project Information			
Customer:			
EUT:	IEEE 802.11b/g/n/a/ac 2T2R USB WiFi Module Integrated BT 2.1+EDR/4.2/5.1		
Model:	SKO.WB663U.16	SN:	
Mode:	11AC80_5610	Voltage:	DC 5V
Environment:	Temp: 25℃; Humi:60%	Engineer:	Soho Liu
Remark:	Power Set:16		
Test Standard: FCC Part15C AV			

Start of Test:2025-02-12 16:08:20

Test Graph



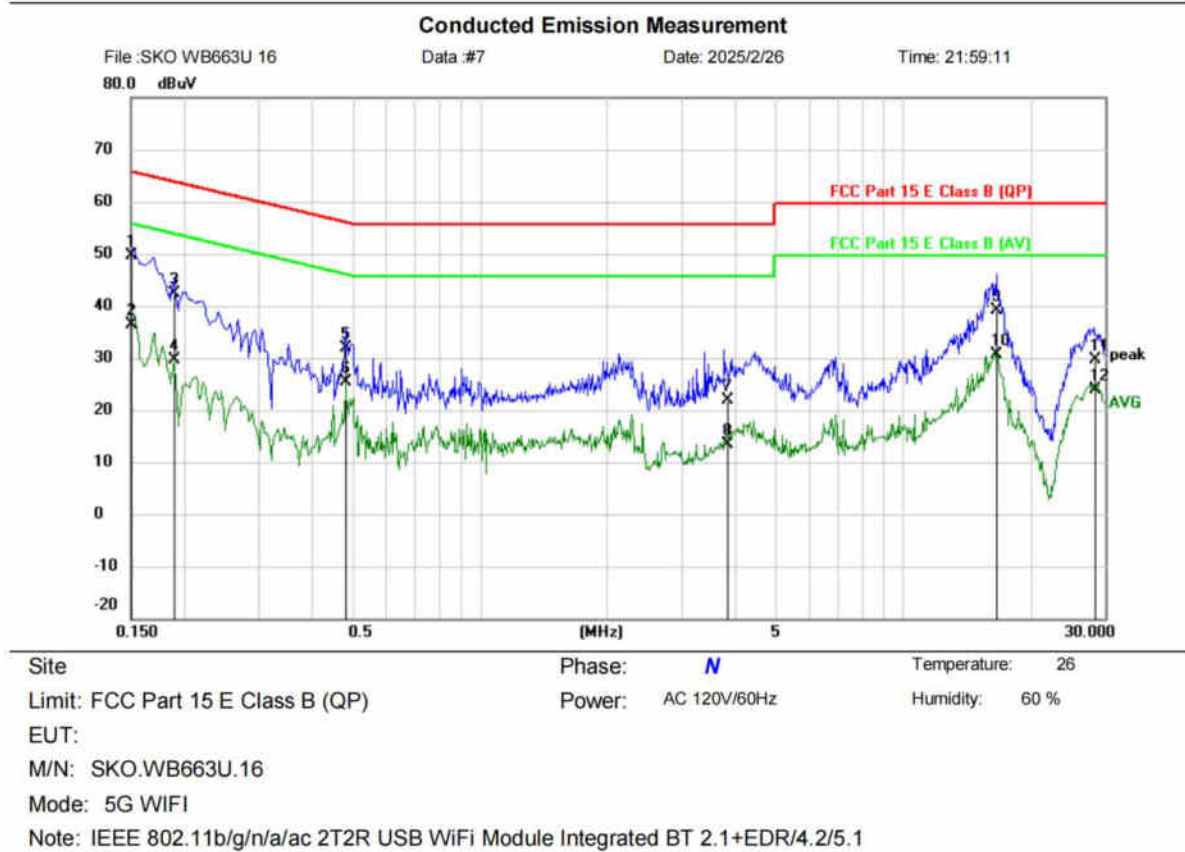
Suspected Data List

NO.	Frequency (MHz)	Level (dBμV/m)	Factor (dB)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5725.0875	52.70	19.93	74.00	21.30	150	98	Horizontal
2	5728.4892	55.46	19.94	74.00	18.54	150	160	Horizontal

PK Final Data List

NO.	Frequency (MHz)	AV Value (dBμV/m)	AV Limit (dBμV/m)	AV Margin (dB)	Height (cm)	Angle (°)	Polarity
1	5728.4892	49.04	54.00	4.96	150	160	Horizontal

APPENDIX C – AC Power Line Conducted Emission Test Data



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1502	40.17	9.53	49.70	65.99	-16.29	QP	
2		0.1502	26.89	9.53	36.42	55.99	-19.57	AVG	
3		0.1900	32.77	9.55	42.32	64.04	-21.72	QP	
4		0.1900	20.06	9.55	29.61	54.04	-24.43	AVG	
5		0.4820	22.32	9.60	31.92	56.30	-24.38	QP	
6		0.4820	15.85	9.60	25.45	46.30	-20.85	AVG	
7		3.8531	12.07	9.74	21.81	56.00	-34.19	QP	
8		3.8531	3.57	9.74	13.31	46.00	-32.69	AVG	
9		16.6169	28.95	10.12	39.07	60.00	-20.93	QP	
10		16.6169	20.53	10.12	30.65	50.00	-19.35	AVG	
11		28.3354	19.51	10.20	29.71	60.00	-30.29	QP	
12		28.3354	13.65	10.20	23.85	50.00	-26.15	AVG	

Conducted Emission Measurement

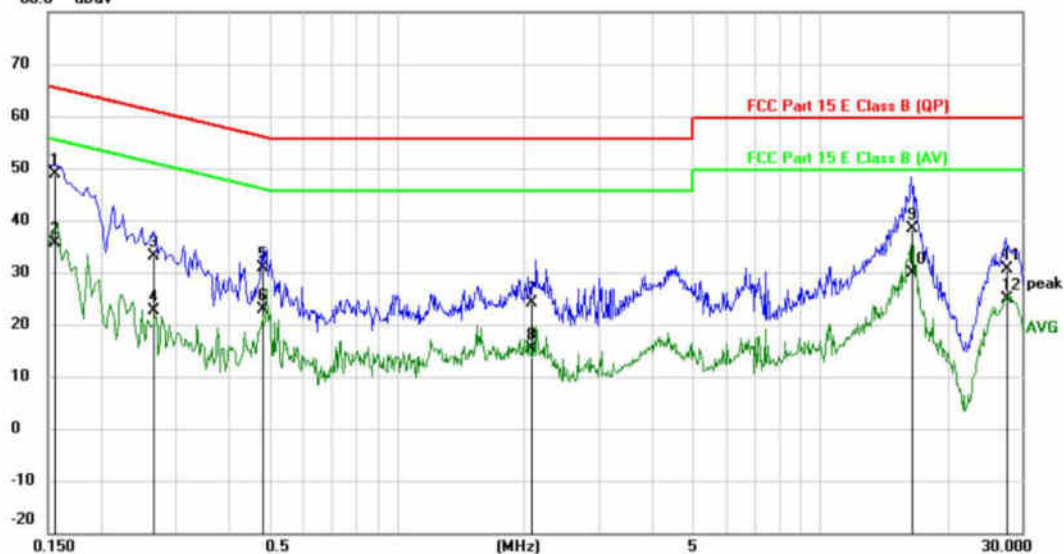
File :SKO WB663U 16

Data :#8

Date: 2025/2/26

Time: 22:03:58

80.0 dBuV



Site

Phase: **L1**

Temperature: 26

Limit: FCC Part 15 E Class B (QP)

Power: AC 120V/60Hz

Humidity: 60 %

EUT:

M/N: SKO.WB663U.16

Mode: 5G WIFI

Note: IEEE 802.11b/g/n/a/ac 2T2R USB WiFi Module Integrated BT 2.1+EDR/4.2/5.1

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	0.1552	39.32	9.54	48.86	65.72	-16.86	QP	
2		0.1552	26.07	9.54	35.61	55.72	-20.11	AVG	
3		0.2664	23.68	9.57	33.25	61.23	-27.98	QP	
4		0.2664	12.97	9.57	22.54	51.23	-28.69	AVG	
5		0.4832	21.22	9.60	30.82	56.28	-25.46	QP	
6		0.4832	13.37	9.60	22.97	46.28	-23.31	AVG	
7		2.0794	14.38	9.66	24.04	56.00	-31.96	QP	
8		2.0794	5.70	9.66	15.36	46.00	-30.64	AVG	
9		16.4536	28.26	10.10	38.36	60.00	-21.64	QP	
10		16.4536	19.77	10.10	29.87	50.00	-20.13	AVG	
11		27.4449	20.56	10.13	30.69	60.00	-29.31	QP	
12		27.4449	14.64	10.13	24.77	50.00	-25.23	AVG	

END OF REPORT