



FCC RADIO TEST REPORT

FCC ID : UZ7CR8288PC
Equipment : Presentation Cradle
Brand Name : Zebra
Model Name : CR8288-PC
Applicant : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Manufacturer : Zebra Technologies Corporation
3 Overlook Point, Lincolnshire, IL 60069 USA
Standard : FCC Part 15 Subpart C §15.209

The product was received on Apr. 21, 2025 and testing was performed from May 27, 2025 to Jun. 04, 2025. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issued Date
FR541705C	01	Initial issue of report	Jul. 04, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.207	AC Power Line Conducted Emissions	Pass	8.64 dB under the limit at 17.73MHz
3.2	15.215(c)	20dB Spectrum Bandwidth	Reporting only	-
	2.1049	99% OBW Spectrum Bandwidth	Reporting only	-
3.3	15.209	Field Strength of Fundamental Emissions	Pass	Max level 4.46 dBμV/m at 0.13 MHz
		Radiated Spurious Emissions	Pass	6.46 dB under the limit at 30.27MHz
3.4	15.203	Antenna Requirements	Pass	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the section "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Wei Chen
Report Producer: Jessie Ho

1. General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Presentation Cradle
Brand Name	Zebra
Model Name	CR8288-PC
EUT supports Radios application	Bluetooth BR/EDR/LE WPC
HW Version	PC-002214-03
SW Version	N/A
MFD	28MAR25
EUT Stage	Identical Prototype

Remark: The EUT's information above is declared by manufacturer.

Specification of Accessories				
5V Adapter	Brand Name	Zebra	Part Number	PWR-WUA5V4W0US
12V Adaptor	Brand Name	Zebra	Part Number	PWR-BGA12V50W0WW
USB cable with 12V supply, 7ft	Brand Name	Zebra	Model Name	CBA-U42-S07PAR
USB cable with 5V supply, 7ft	Brand Name	Zebra	Model Name	CBA-U21-S07ZBR
USB cable with 12V supply, 15ft	Brand Name	Zebra	Model Name	CBA-U44-S15PAR
USB cable with 5V supply, 15ft	Brand Name	Zebra	Model Name	CBA-U30-S15ZBR
RS232 with 5V supply, 7ft	Brand Name	Zebra	Model Name	CBA-R01-S07PBR
RS232 with 5V supply, 20ft	Brand Name	Zebra	Model Name	CBA-R06-C20PBR
RS232 with 12v supply, 7FT	Brand Name	Zebra	Model Name	CBA-R12-S07PAR
RS232 with 12v supply, 15FT	Brand Name	Zebra	Model Name	CBA-R21-S15PAR
USB-C cable, 7ft	Brand Name	Zebra	Model Name	CBA-U65-S07ZAR
USB-C cable, 7ft	Brand Name	Zebra	Model Name	CBL-U67-S07ZAR
USB-C cable, 7ft	Brand Name	Zebra	Model Name	CBL-U68-S07ZAR

Supported Unit Used in Test Configuration and System				
Scanner	Brand Name	Zebra	Model Name	DS8288

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	115KHz - 135KHz
Channel Number	1
20dBW	786 Hz
99%OBW	660 Hz
Antenna Type	Loop Antenna
Type of Modulation	ASK

Remark: The above EUT's information was declared by manufacturer. Please refer to Disclaimer in report summary.

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory		
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978		
Test Site No.	Sporton Site No.		
	TH03-HY	CO05-HY	03CH07-HY
Test Engineer	Eric Wu	Liu Ying Qi	KenWu
Temperature (°C)	21.6 ~ 23.6	23 ~ 24	21.5 ~ 23.4
Relative Humidity (%)	45.6 ~ 47.6	53.4 ~ 54.4	58.9 ~ 68.9

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190

1.5 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ FCC Part 15 Subpart C §15.209
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01
- ♦ ANSI C63.10-2013

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2. Test Configuration of Equipment Under Test

2.1 Descriptions of Test Mode

Investigation has been done on all the possible configurations.

The following table is a list of the test modes shown in this test report.

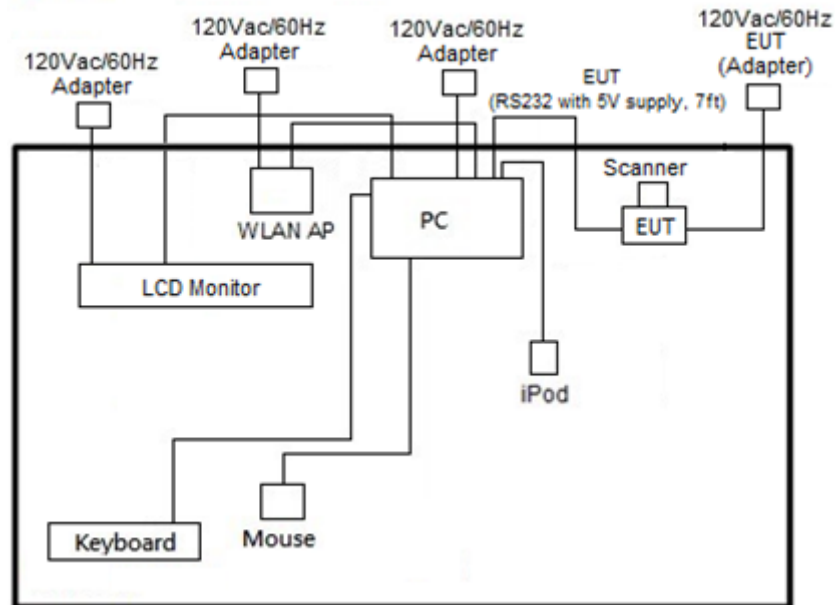
Test Items	
AC Power Line Conducted Emissions	20dB Spectrum Bandwidth
Field Strength of Fundamental Emissions	
Radiated Emissions 9kHz~30MHz	Radiated Emissions 30MHz~1GHz

The measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

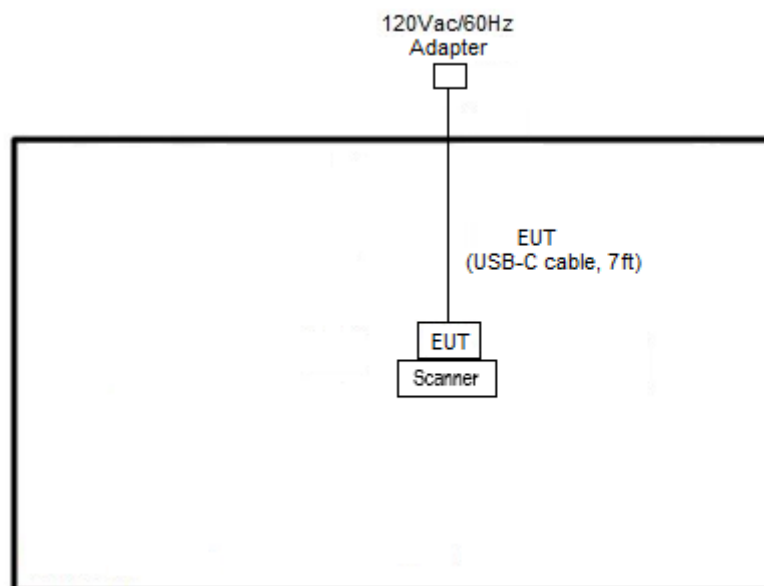
Test Cases	
Radiated Spurious Emission	Mode 1 : WPC
AC Conducted Emission	Mode 1 : Bluetooth Link between Scanner (DS8288) and Cradle (CR8288-PC) + Scanner (DS8288) Scan bar code Cradle (CR8288-PC) RS232 cable (CBA-R01-S07PBR) (Data Link with Notebook) + Scanner (DS8288) charging with Cradle (CR8288-PC) + Adapter (PWR-WUA5V4W0US)

2.2 Connection Diagram of Test System

<AC Conducted Emission Mode>



<WPC Mode>



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	ASUS	RT-AC52U	MSQ-RTAC52U	N/A	Unshielded,1.8m
2.	iPod	Apple	A1285	DoC	Shielded, 1.0m	N/A
3.	LCD MONITOR	View Sonic	VS17425	FCC DoC	Shielded, 1.6m	Unshielded,1.8m
4.	PC	MSI	PRO DP1 B0A7	FCC DoC	N/A	Unshielded,1.8m
5.	Keyboard	Dell	SK-8115	FCC DoC	Unshielded,1.2m	N/A
6.	Mouse	Acer	MOANUOA	FCC DoC	Unshielded,1.2m	N/A

2.4 EUT Operation Test Setup

The EUT is transmitting wireless power to the Scanner.

3. Test Results

3.1 AC Power Line Conducted Emissions Measurement

3.1.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-Peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

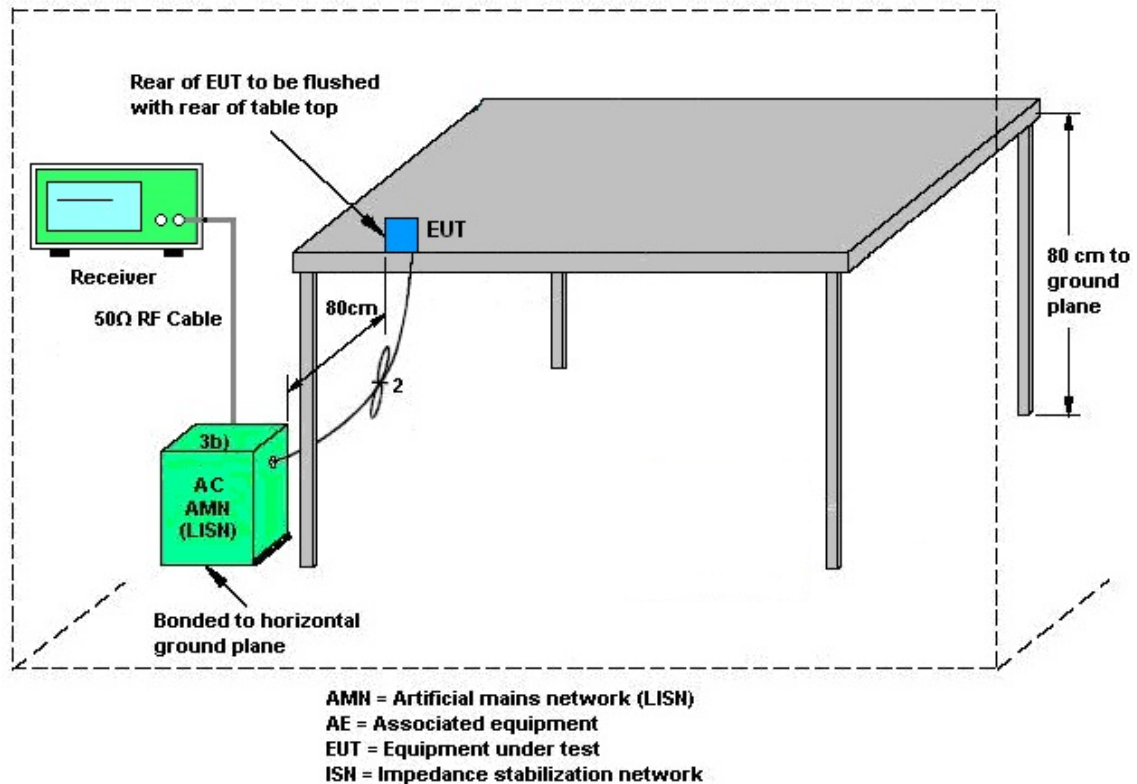
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

1. The EUT was placed 0.4 meter from the conducting wall of the shielding room, and it was kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
6. Both sides of AC line were checked for maximum conducted interference.
7. The frequency range from 150 kHz to 30 MHz was searched.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.

3.1.4 Test setup



3.1.5 Test Result of AC Conducted Emission

Please refer to Appendix A.

3.2 20dB and 99% OBW Spectrum Bandwidth Measurement

3.2.1 Limit

Reporting only

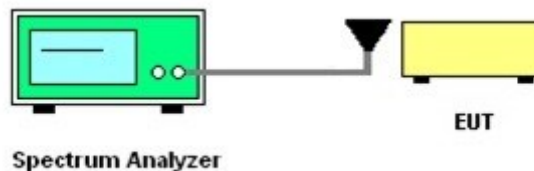
3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

1. The spectrum analyzer connected via a receive antenna placed near the EUT in peak Max hold mode.
2. The resolution bandwidth of 300 Hz and the video bandwidth of 300 Hz were used.
3. Measured the spectrum width with power higher than 20dB below carrier.
4. Measured the 99% OBW.

3.2.4 Test Setup



3.2.5 Test Result of RF Near Field Test Items

Please refer to Appendix B.

3.3 Radiated Emissions Measurement

3.3.1 Limit

The field strength of any emissions which appear band shall not exceed the general radiated emissions limits.

Frequencies (MHz)	Field Strength ($\mu\text{V/m}$)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Measuring Instrument Setting

The following table is the setting of receiver:

Receiver Parameter	Setting
Attenuation	Auto
Frequency Range: 9kHz~150kHz	RBW 200Hz for QP
Frequency Range: 150kHz~30MHz	RBW 9kHz for QP
Frequency Range: 30MHz~1000MHz	RBW 120kHz for Peak

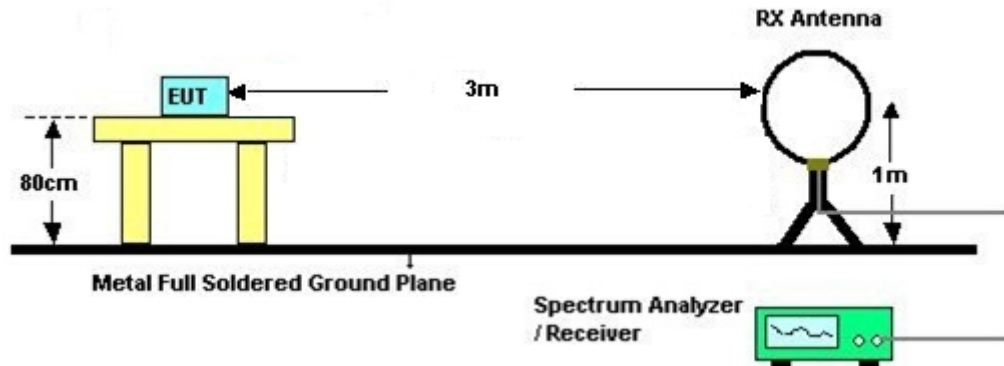
Note: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz and 110-490 kHz. Radiated emission limits in these two bands are based on measurements employing an average detector.

3.3.4 Test Procedures

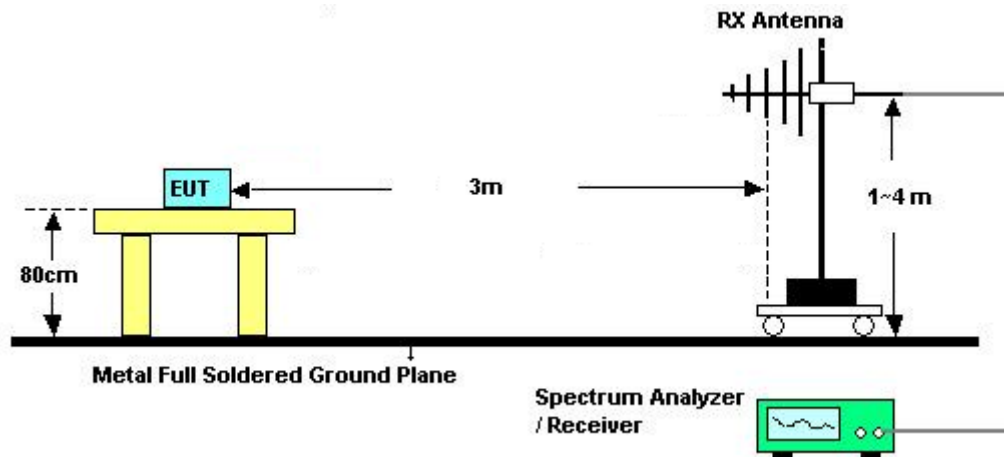
1. Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.
7. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver.
8. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.

3.3.5 Test Setup

For radiated emissions below 30MHz



For radiated emissions above 30MHz



3.3.6 Test Result of Radiated Emissions Measurement

Please refer to Appendix C.

Remark:

1. There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.
2. According to C63.10 radiated test, the EUT pre-scanned horizontal, vertical, and ground-parallel three polarization's, the worst case is horizontal & vertical polarization, test data of two mode was reported.



3.4 Antenna Requirements

3.4.1 Standard Applicable

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, 15.221, or § 15.236. 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.

3.4.2 Antenna Anti-Replacement Construction

Antenna permanently attached.



4. List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 04, 2025	N/A	Conduction (CO05-HY)
Hygrometer	Testo	608-H1	34913912	N/A	Oct. 14, 2024	Jun. 04, 2025	Oct. 13, 2025	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 12, 2024	Jun. 04, 2025	Dec. 11, 2025	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 14, 2024	Jun. 04, 2025	Nov. 13, 2025	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32	N/A	N/A	N/A	Jun. 04, 2025	N/A	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	00691	N/A	Jul. 30, 2024	Jun. 04, 2025	Jul. 29, 2025	Conduction (CO05-HY)
LISN Cable	MVE	RG-400	MQT24082501	N/A	Oct. 15, 2024	Jun. 04, 2025	Oct. 14, 2025	Conduction (CO05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101329	9kHz~30GHz	Sep. 25, 2024	May 27, 2025	Sep. 24, 2025	Conducted (TH03-HY)
AC Power Source	AC POWER	AFC-500W	F104070011	50Hz~60Hz	Sep. 26, 2024	May 27, 2025	Sep. 25, 2025	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	N/A	Mar. 03, 2025	May 27, 2025	Mar. 02, 2026	Conducted (TH03-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100472	20Hz~26.5GHz	Jan. 23, 2025	May 27, 2025	Jan. 22, 2026	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 21, 2025	May 27, 2025	Apr. 20, 2026	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Mar. 06, 2025	May 27, 2025	Mar. 05, 2026	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 01, 2024	May 27, 2025	Sep. 30, 2025	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4 MY15682/4	30MHz to 18GHz	Feb. 20, 2025	May 27, 2025	Feb. 19, 2026	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4 MY24971/4	9kHz to 30MHz	Feb. 20, 2025	May 27, 2025	Feb. 19, 2026	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	May 27, 2025	N/A	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	May 27, 2025	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	May 27, 2025	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	May 27, 2025	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	May 27, 2025	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Feb. 24, 2025	May 27, 2025	Feb. 23, 2026	Radiation (03CH07-HY)

5. Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	3.7 dB
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Uncertainty of Radiated Emission Measurement (9 kHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	3.8 dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	6.2 dB
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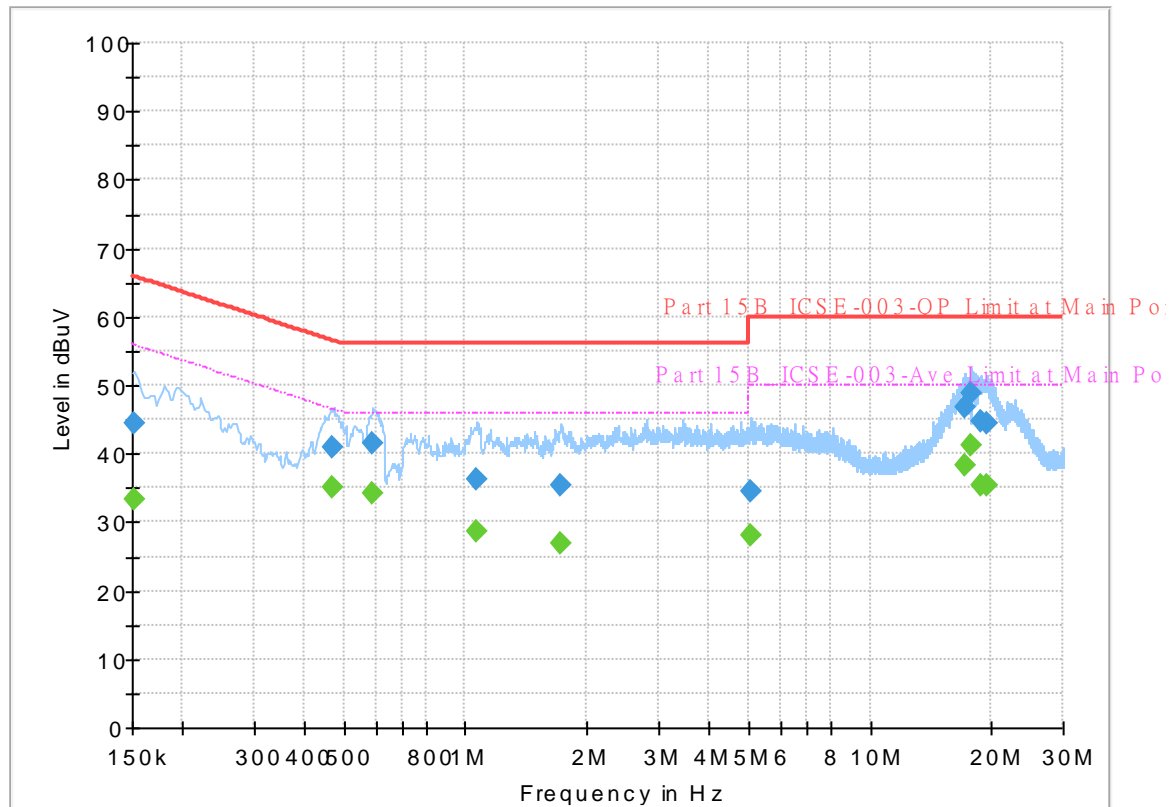


Appendix A. Test Results of Conducted Emission Test

EUT Information

Report NO : 541705
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Line

Full Spectrum



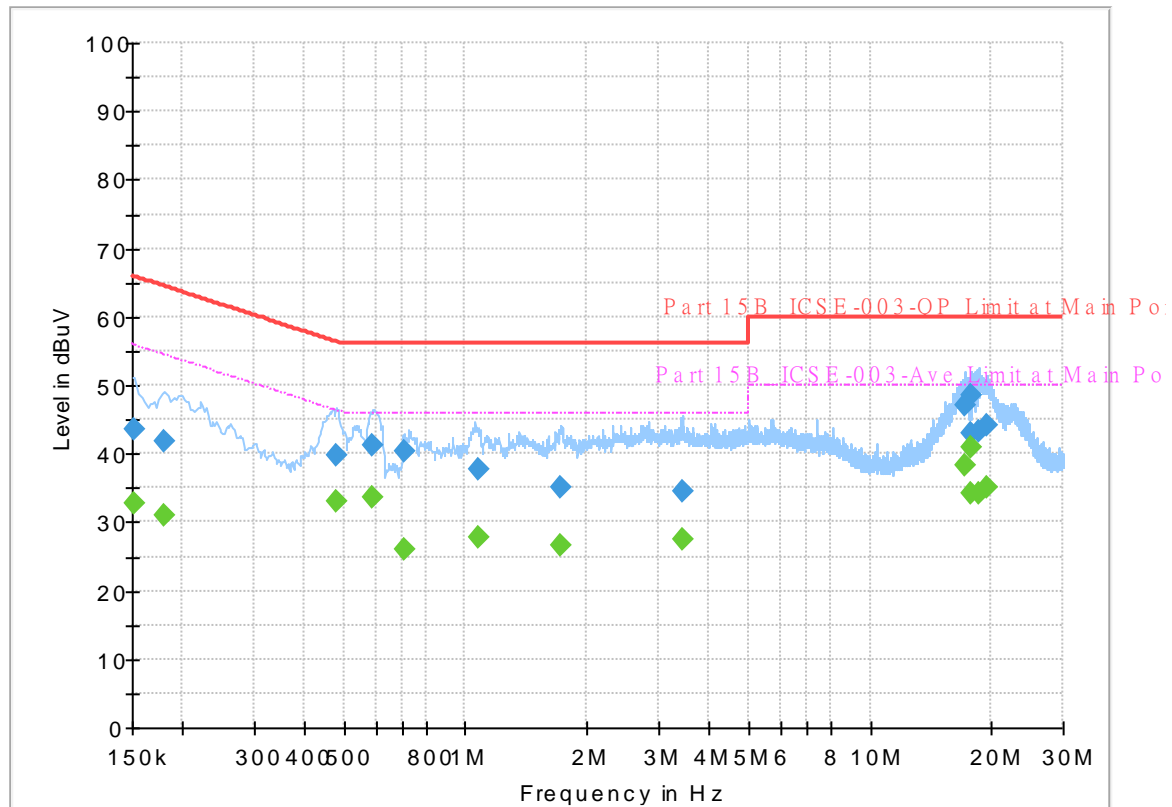
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	33.21	55.88	22.67	L1	OFF	19.8
0.152250	44.33	---	65.88	21.55	L1	OFF	19.8
0.467250	---	35.11	46.56	11.45	L1	OFF	19.8
0.467250	40.84	---	56.56	15.72	L1	OFF	19.8
0.591000	---	34.10	46.00	11.90	L1	OFF	19.8
0.591000	41.38	---	56.00	14.62	L1	OFF	19.8
1.070250	---	28.74	46.00	17.26	L1	OFF	19.9
1.070250	36.21	---	56.00	19.79	L1	OFF	19.9
1.727250	---	27.02	46.00	18.98	L1	OFF	19.9
1.727250	35.34	---	56.00	20.66	L1	OFF	19.9
5.091000	---	28.16	50.00	21.84	L1	OFF	20.2
5.091000	34.63	---	60.00	25.37	L1	OFF	20.2
17.137500	---	38.35	50.00	11.65	L1	OFF	20.8
17.137500	46.89	---	60.00	13.11	L1	OFF	20.8
17.733750	---	41.36	50.00	8.64	L1	OFF	20.8
17.733750	48.70	---	60.00	11.30	L1	OFF	20.8
18.849750	---	35.29	50.00	14.71	L1	OFF	20.8
18.849750	44.79	---	60.00	15.21	L1	OFF	20.8
19.396500	---	35.26	50.00	14.74	L1	OFF	20.8
19.396500	44.40	---	60.00	15.60	L1	OFF	20.8

EUT Information

Report NO : 541705
 Test Mode : Mode 1
 Test Voltage : 120Vac/60Hz
 Phase : Neutral

Full Spectrum



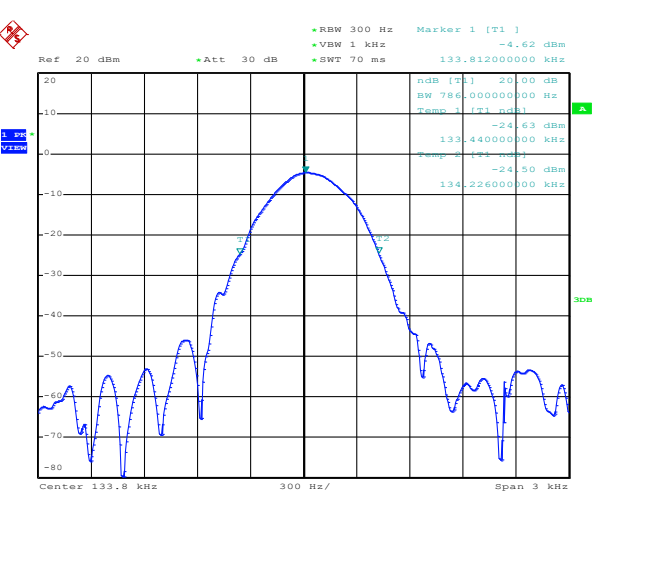
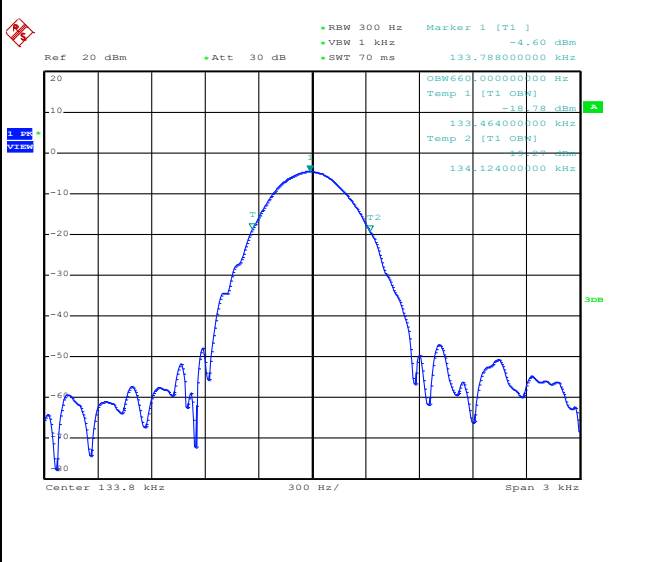
Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	32.83	55.88	23.05	N	OFF	19.8
0.152250	43.61	---	65.88	22.27	N	OFF	19.8
0.179250	---	30.95	54.52	23.57	N	OFF	19.8
0.179250	41.82	---	64.52	22.70	N	OFF	19.8
0.478500	---	33.12	46.37	13.25	N	OFF	19.8
0.478500	39.66	---	56.37	16.71	N	OFF	19.8
0.588750	---	33.73	46.00	12.27	N	OFF	19.8
0.588750	41.18	---	56.00	14.82	N	OFF	19.8
0.703500	---	25.94	46.00	20.06	N	OFF	19.9
0.703500	40.40	---	56.00	15.60	N	OFF	19.9
1.077000	---	27.70	46.00	18.30	N	OFF	19.9
1.077000	37.72	---	56.00	18.28	N	OFF	19.9
1.727250	---	26.75	46.00	19.25	N	OFF	19.9
1.727250	34.95	---	56.00	21.05	N	OFF	19.9
3.441750	---	27.54	46.00	18.46	N	OFF	20.0
3.441750	34.63	---	56.00	21.37	N	OFF	20.0
17.135250	---	38.35	50.00	11.65	N	OFF	20.8
17.135250	46.94	---	60.00	13.06	N	OFF	20.8
17.675250	---	34.29	50.00	15.71	N	OFF	20.8
17.675250	42.89	---	60.00	17.11	N	OFF	20.8
17.729250	---	40.91	50.00	9.09	N	OFF	20.8

17.729250	48.48	---	60.00	11.52	N	OFF	20.8
18.505500	---	34.30	50.00	15.70	N	OFF	20.8
18.505500	43.36	---	60.00	16.64	N	OFF	20.8
19.457250	---	35.11	50.00	14.89	N	OFF	20.8
19.457250	44.13	---	60.00	15.87	N	OFF	20.8



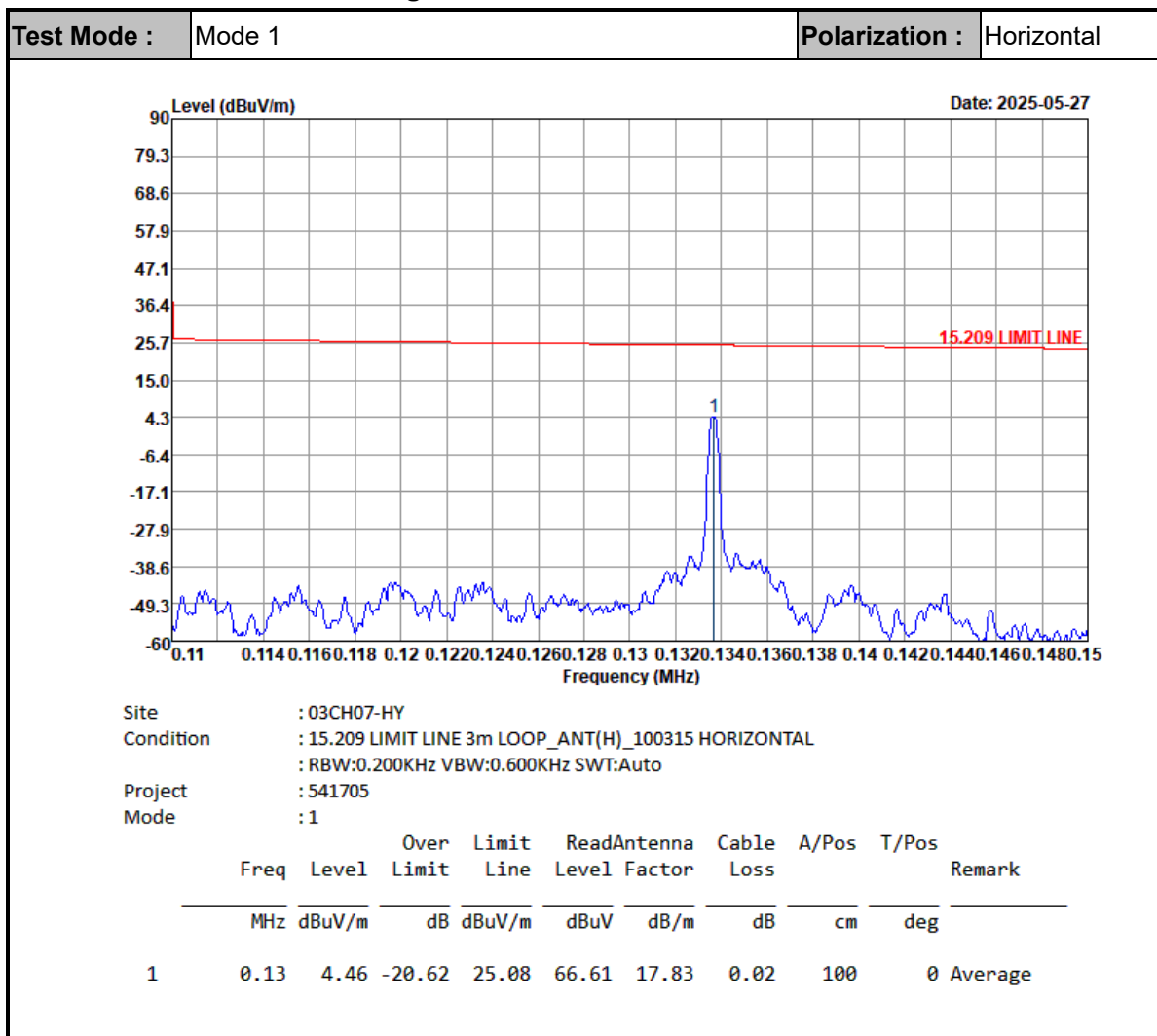
Appendix B. Test Results of RF Near Field Test Items

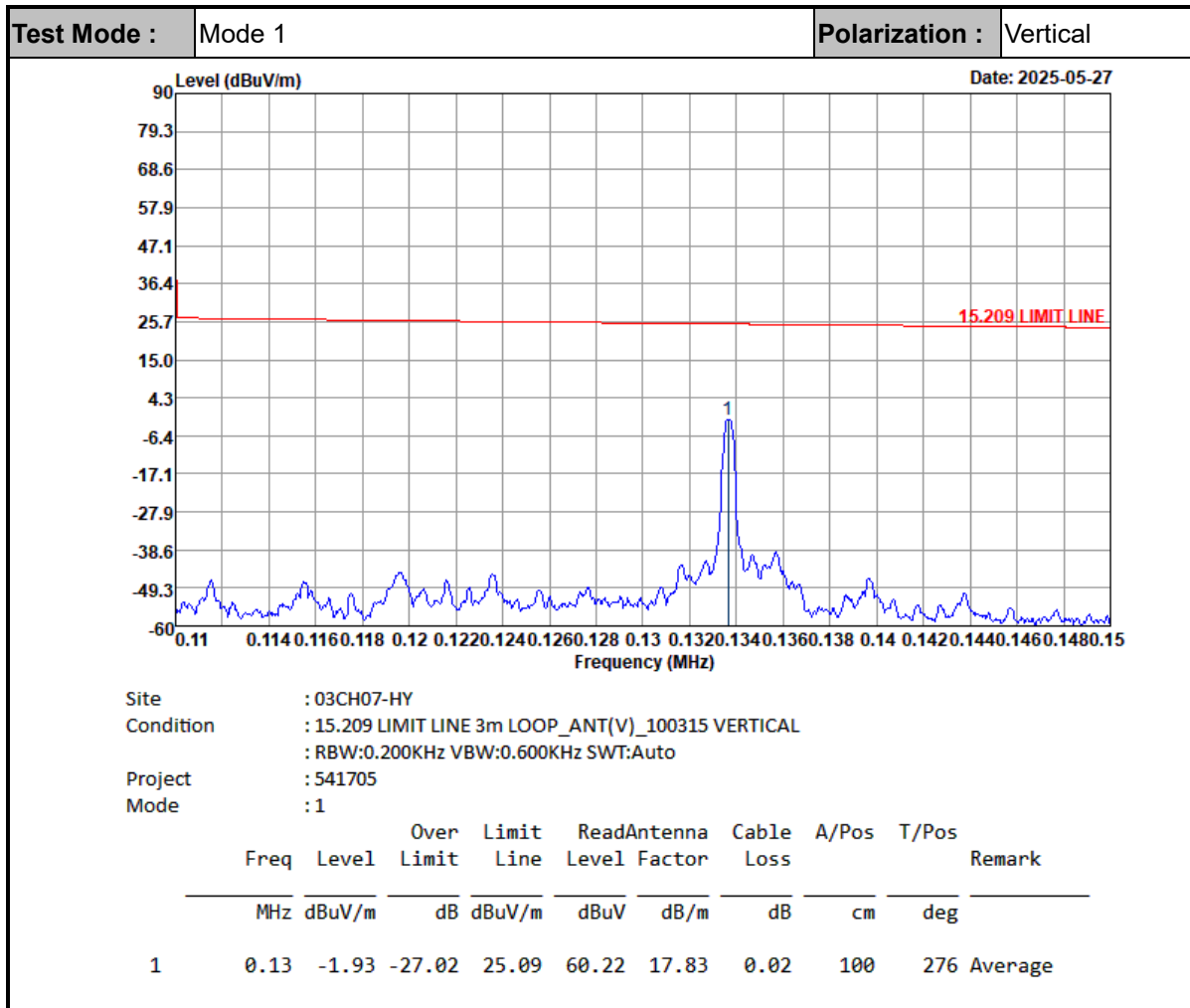
Test mode		WPC Charging with Wireless Charger	
			
20dB Bandwidth (kHz)		0.786	99% Occupied BW(kHz)
			0.660

Remark: Because the measured signal is CW adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice the RBW.

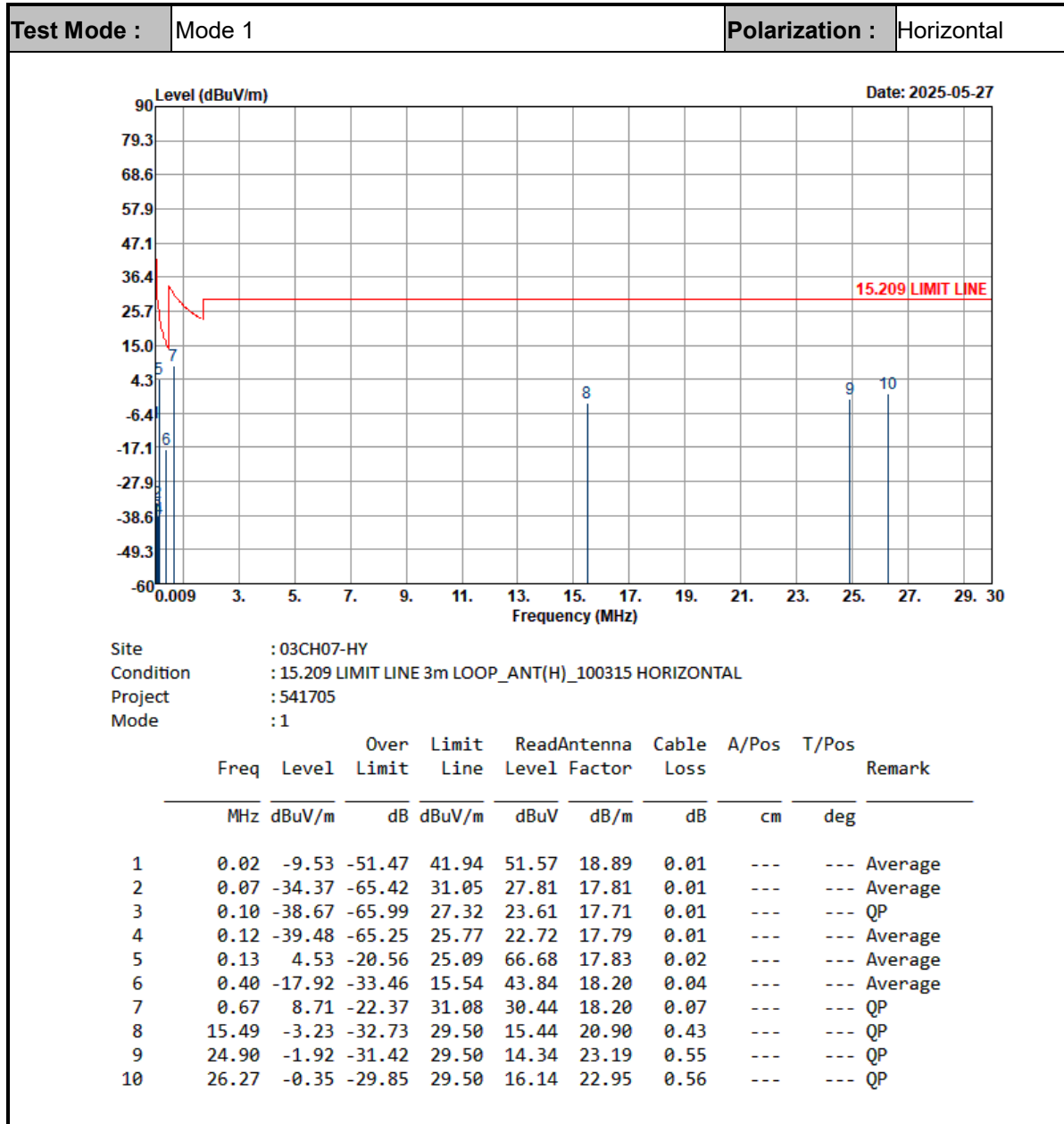
Appendix C. Test Results of Radiated Test Items

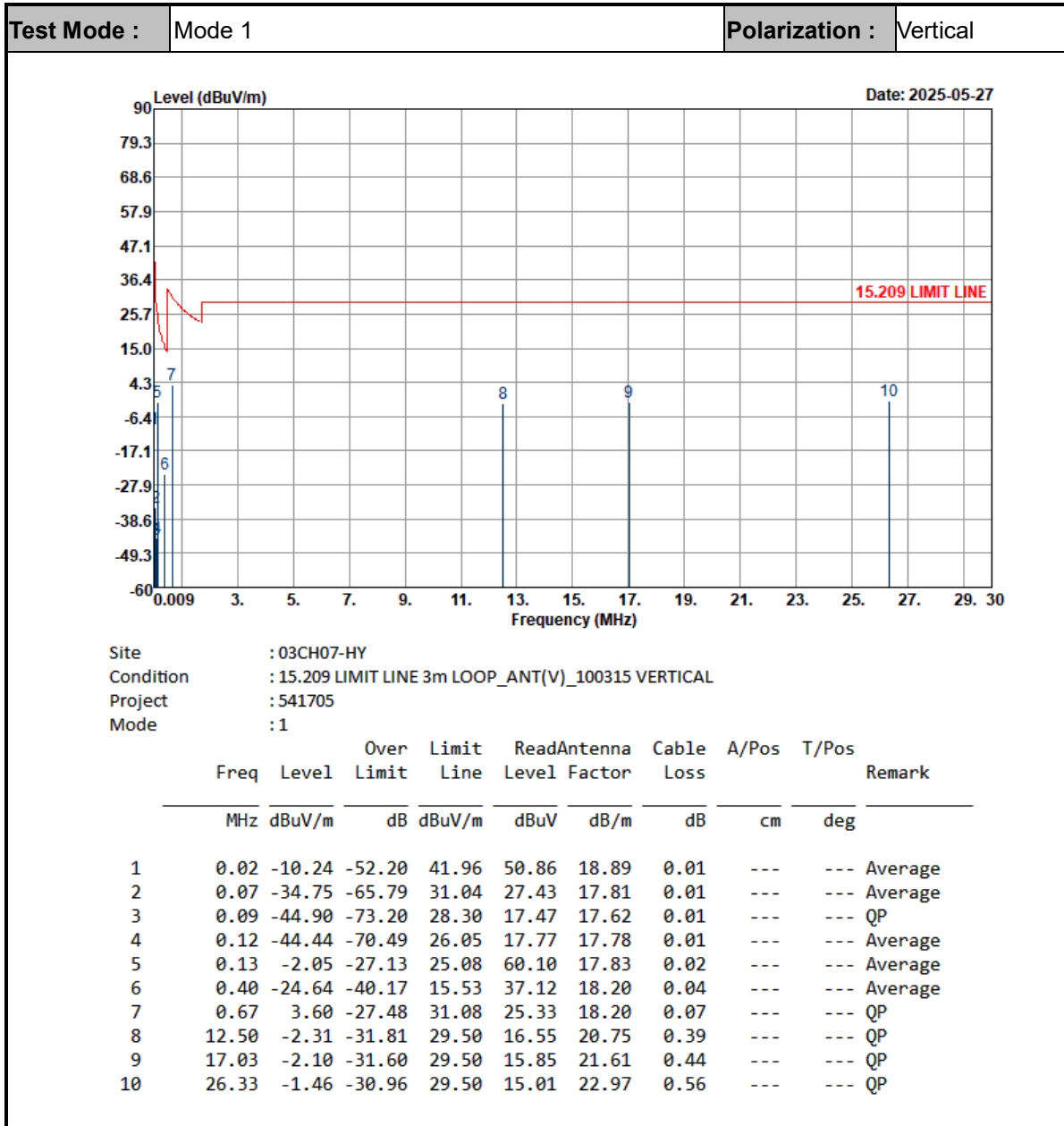
C1. Test Result of Field Strength of Fundamental Emissions



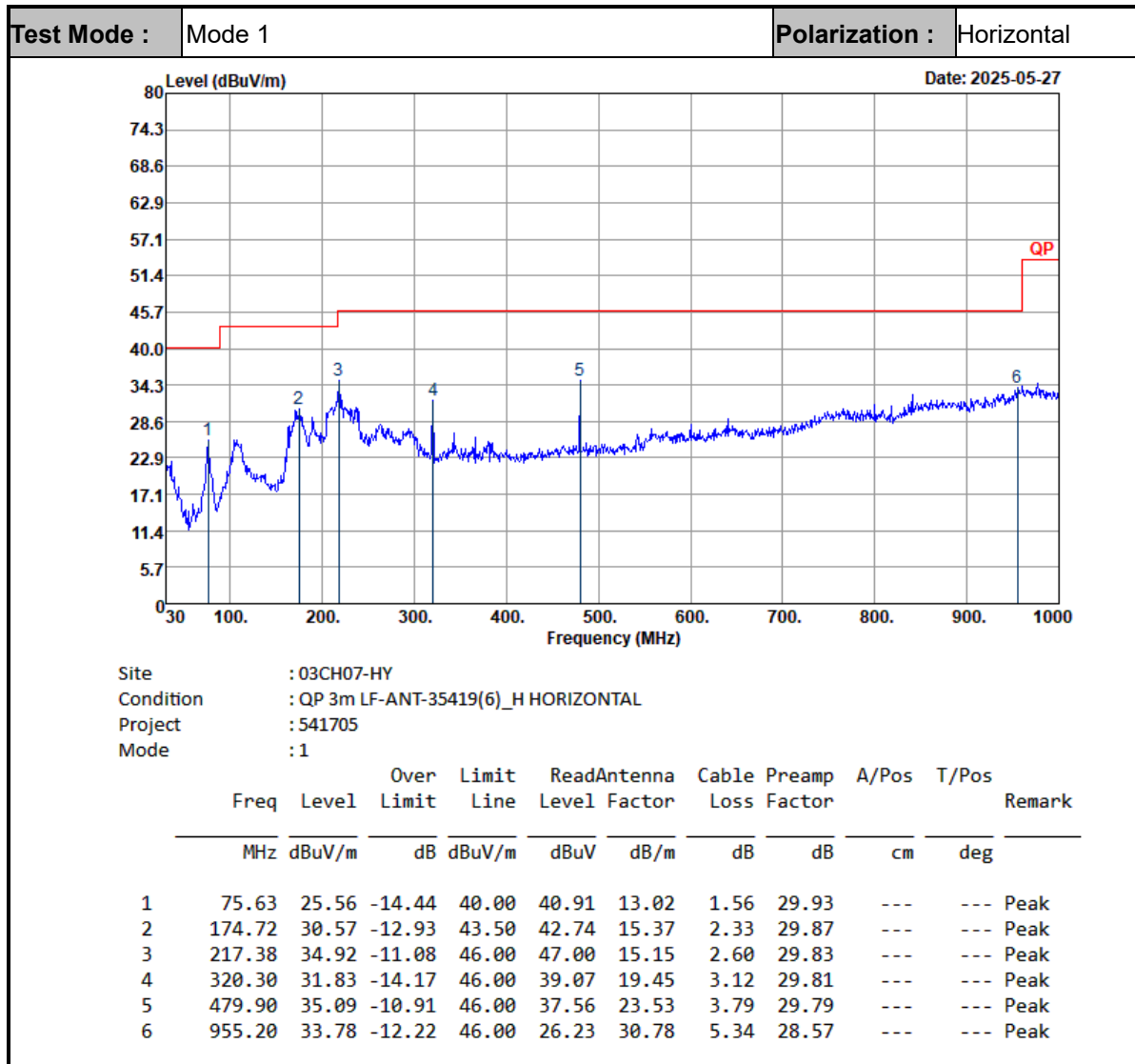

Note:

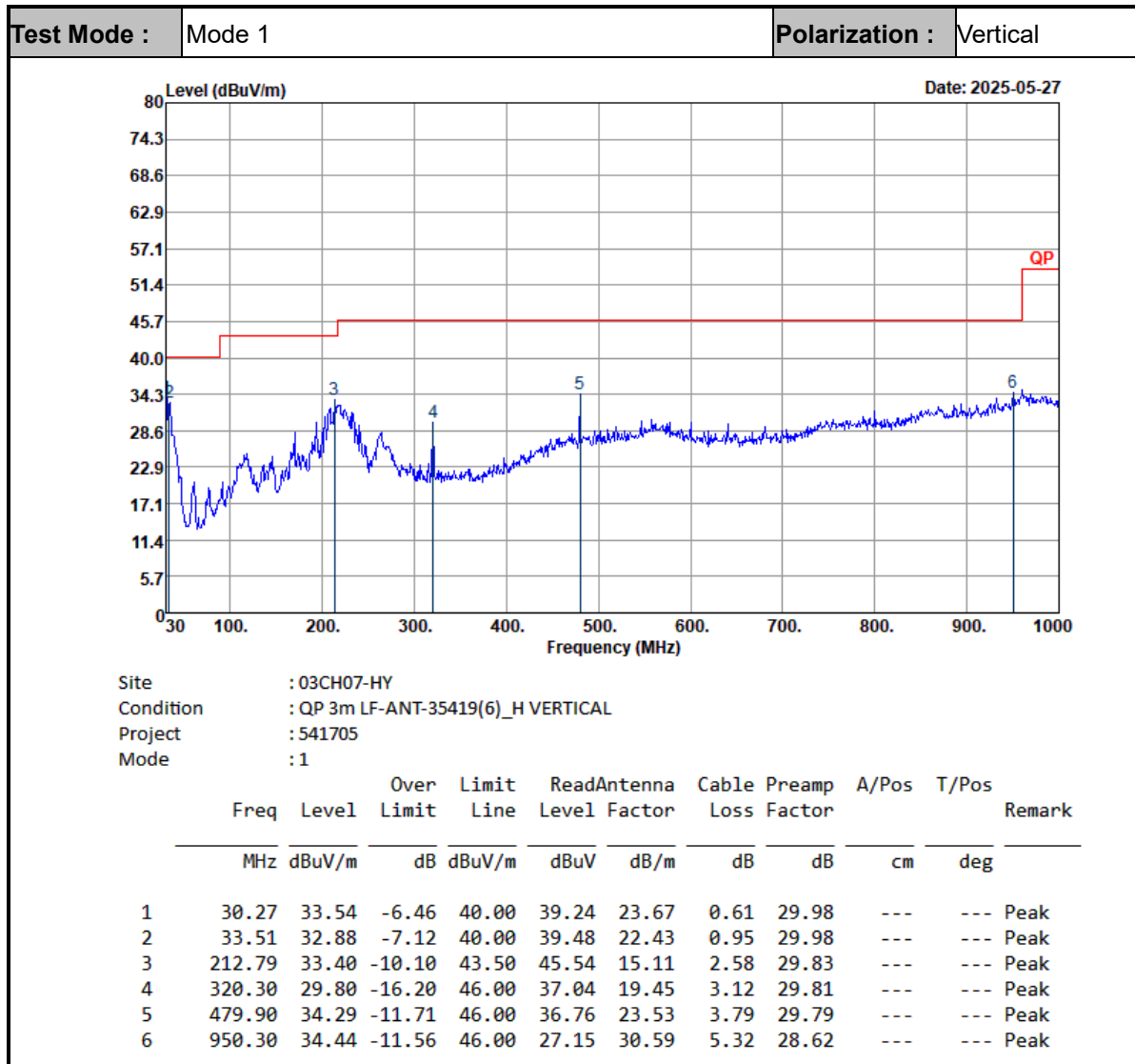
1. Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
2. Level= Read Level + Antenna Factor + Cable loss + distance extrapolation factor.

C2. Results of Radiated Spurious Emissions (9 kHz~30MHz)



Note:

- The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
- Distance extrapolation factor = $40 \log (\text{specific distance} / \text{test distance})$ (dB)
EX.:
For below 490kHz Distance extrapolation factor = $40 \log (300/3) = 80$ (dB)
For 490kHz to 30MHz Distance extrapolation factor = $40 \log (30/3) = 40$ (dB)
- Level = Antenna Factor + Cable Loss + Read Level - Distance extrapolation factor.
- Level= Read Level + Antenna Factor + Cable loss + distance extrapolation factor.

C3. Results of Radiated Spurious Emissions (30MHz~1GHz)



Note:

1. The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
2. Emission level (dBμV/m) = 20 log Emission level (μV/m).
3. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor= Level.