FCC RADIO TEST REPORT

FCC ID	:	2BEA6AH8108
Equipment	:	Wi-Fi Halow Module
Brand Name	:	Vantron
Model Name	:	VT-MOB-AH-8108
Marketing Name	:	Wi-Fi HaLow Module
Applicant	:	All Inspire Health 19 Morris Avenue, Building 128, Brooklyn, NY 11205
Manufacturer	:	All Inspire Health 19 Morris Avenue, Building 128, Brooklyn, NY 11205
Standard	:	FCC Part 15 Subpart C §15.247

The product was received on Aug. 14, 2026 and testing was performed from Sep. 01, 2026 to Sep. 30, 2026. We, Sporton International Inc. Wensan 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 partial report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory
No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issue Date
FR671501-01A	01	Initial issue of report	Oct. 05, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.247(b)	Power Output Measurement	Pass	-
3.2	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	Pass	-
3.3	15.203	Antenna Requirement	Pass	-

Note:
1. Not required means after assessing, test items are not necessary to carry out.
2. For host device, Radiated Spurious Emission is verified and complies with the limit in this test report.
3. For host device, the Conducted Output Power is no difference after compared to module (Model: VT-MOB-AH-8108)

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/manufacturer 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: Steve Chen and William Chen

Report Producer: Aya Yang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs Bluetooth and 802.11 ah

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

The product was installed into Link H™ (Brand Name: All Inspire Health, Model Name: IN9L002) during test, and the host information was recorded in the following table.

Product Feature
General Specs Bluetooth and 802.11 ah **Antenna Type** WLAN: PIFA Antenna

Antenna information		
902~928 MHz	Peak Gain (dBi)	0.9

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

The test location is accredited based on TAF code 3786 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

FCC designation No.: TW3786

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

1.4 Applicable Standards

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

- FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC Part 15 Subpart C §15.247
- ANSI C63.10-2020 + Cor.1-2023

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

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, 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.

2.1 Carrier Frequency and Channel

802.11ah (1M channel bandwidth)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
3	903.5	15	909.5	27	915.5	39	921.5
5	904.5	17	910.5	29	916.5	41	922.5
7	905.5	19	911.5	31	917.5	43	923.5
9	906.5	21	912.5	33	918.5	45	924.5
11	907.5	23	913.5	35	919.5	47	925.5
13	908.5	25	914.5	37	920.5	49	926.5

802.11ah (2M channel bandwidth)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
6	905	18	911	30	917	42	923
10	907	22	913	34	919	46	925
14	909	26	915	38	921	/	/

802.11ah (4M channel bandwidth)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
8	906	24	914	40	922	/	/
16	910	32	918	/	/	/	/

802.11ah (8M channel bandwidth)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
12	908	28	916	/	/	/	/

2.2 Test Mode

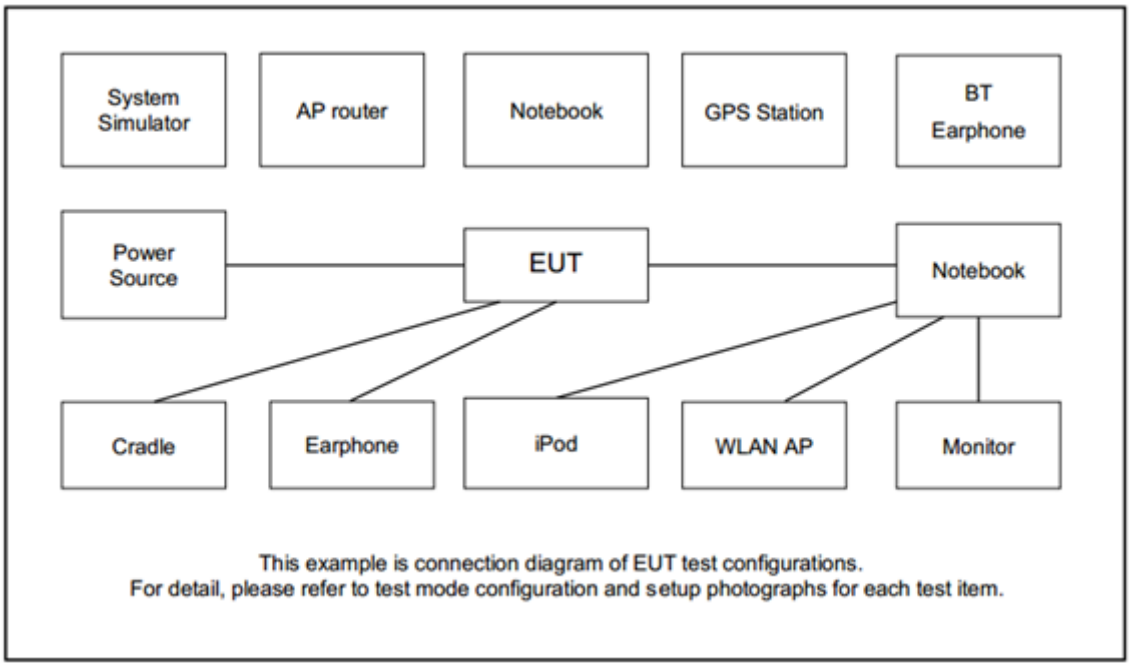
The final test modes include the worst data rates for each modulation shown in the table below.

Modulation	Data Rate
802.11 ah 1 M	MCS0
802.11 ah 2 M	MCS0
802.11 ah 4 M	MCS0
802.11 ah 8 M	MCS0

Remark:

1. The detailed Radiated test modes are shown in Appendix B.
2. For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System



2.4 EUT Operation Test Setup

The RF test items, utility “adb” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

3 Test Result

3.1 Output Power Measurement

3.1.1 Limit of Output Power

For systems using digital modulation in the 902-928 MHz, the limit for output power is 30 dBm. If transmitting antenna with directional gain greater than 6 dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

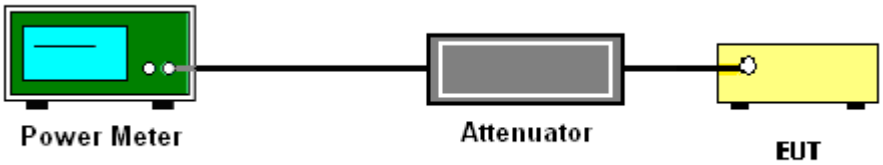
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

1. For Peak Power, the testing follows ANSI C63.10 Section 11.9.1.2 PKPM1
2. For Average Power, the testing follows ANSI C63.10 Section 11.9.2.3.2 Method AVGPM-G
3. The RF output of EUT is connected to the power meter by RF cable and attenuator. The path loss is compensated to the results for each measurement.
4. Set the maximum power setting and enable the EUT to transmit continuously.
5. Measure the conducted output power and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of Peak Output Power

Please refer to Appendix A.

3.1.6 Test Result of Average Output Power (Reporting Only)

Please refer to Appendix A.

3.2 Radiated Band Edges and Spurious Emission Measurement

3.2.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device is measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

Frequency (MHz)	Field Strength (microvolts/meter)	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

3.2.2 Measuring Instruments

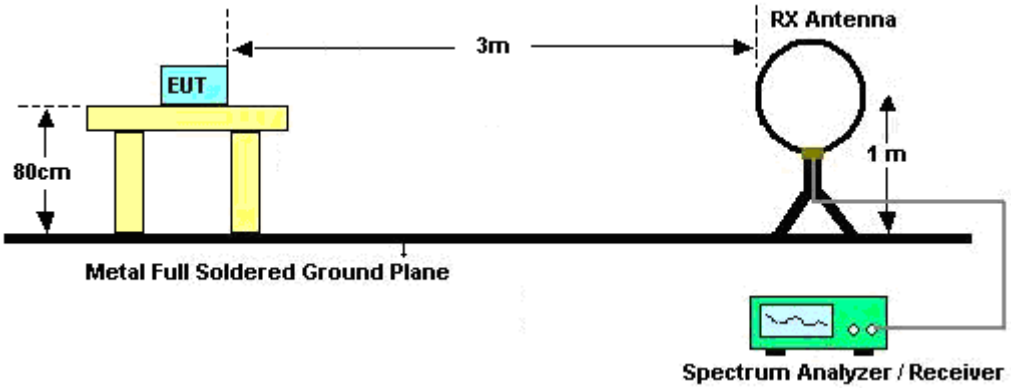
Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

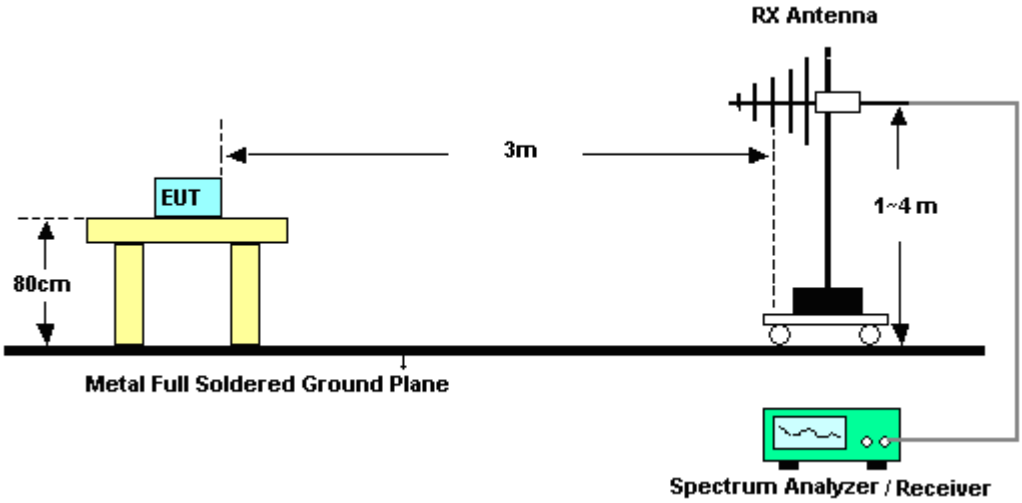
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
4. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. 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 "-".
7. Radiated testing above 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 for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".
8. Use the following spectrum analyzer settings:
   (1) Span shall wide enough to fully capture the emission being measured;
   (2) Set RBW = 100 kHz for f < 1 GHz; VBW ≥ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
   (3) Set RBW = 1 MHz, VBW= 3 MHz for f ≥ 1 GHz for peak measurement.
   For average measurement:
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

3.2.4 Test Setup

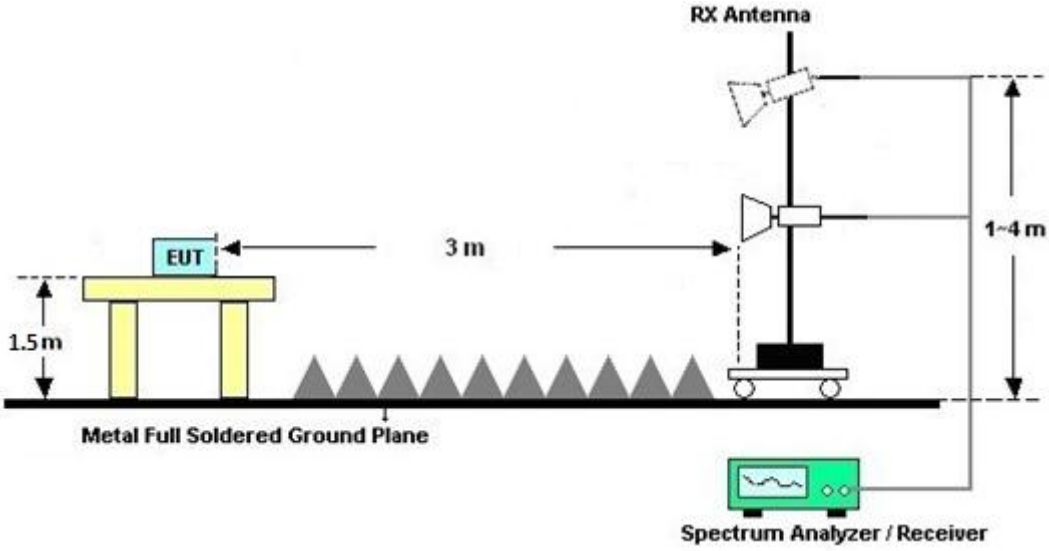
For radiated emissions below 30MHz



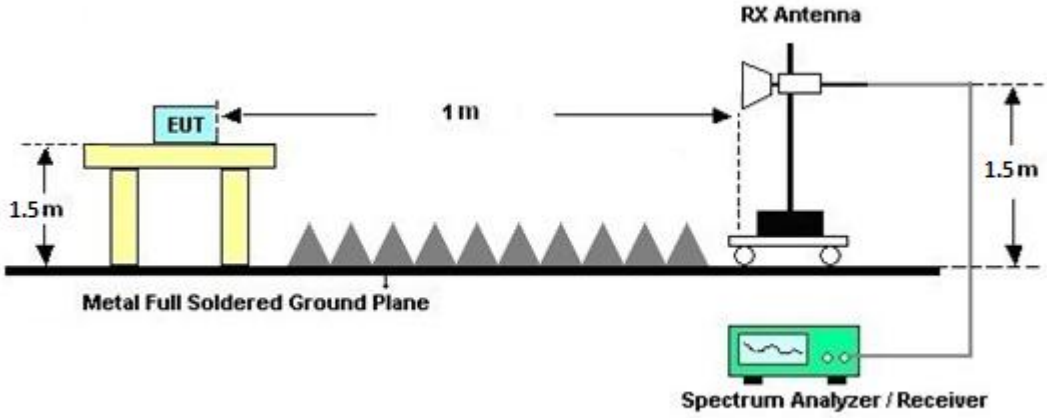
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.2.5 Test Results of Radiated Spurious Emissions (9kHz ~ 30MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

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 comes out very similar.

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B.

3.2.7 Duty Cycle

Please refer to Appendix C.

3.2.8 Test Result of Radiated Spurious Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix B.

3.3 Antenna Requirements

3.3.1 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.

3.3.2 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
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Dec. 11, 2025	Sep. 14, 2026~ Sep. 30, 2026	Dec. 10, 2026	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 04, 2026	Sep. 14, 2026~ Sep. 30, 2026	Mar. 03, 2027	Radiation (03CH13-HY)
Amplifier	SONOMA	310N	187282	9kHz~1GHz	Dec. 11, 2025	Sep. 14, 2026~ Sep. 30, 2026	Dec. 10, 2026	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	40103 & 07	30MHz~1GHz	Apr. 12, 2026	Sep. 14, 2026~ Sep. 30, 2026	Apr. 11, 2027	Radiation (03CH13-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	DU2F13A18E S	1GHz~18GHz	May. 28, 2026	Sep. 14, 2026~ Sep. 30, 2026	May. 27, 2027	Radiation (03CH13-HY)
Preamplifier	EMEC	EM01G18G	060941	1GHz~18GHz	Far. 24, 2026	Sep. 14, 2026~ Sep. 30, 2026	Far. 23, 2027	Radiation (03CH13-HY)
Preamplifier	EMEC	EM01G18G	060803	1GHz-18GHz	Jan. 07, 2026	Sep. 14, 2026~ Sep. 30, 2026	Jan. 06, 2027	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Dec. 05, 2025	Sep. 14, 2026~ Sep. 30, 2026	Dec. 04, 2026	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 05, 2026	Sep. 14, 2026~ Sep. 30, 2026	Feb. 04, 2027	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102E	508408-2E	30MHz~40GHz	Jun. 15, 2026	Sep. 14, 2026~ Sep. 30, 2026	Jun. 14, 2027	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30MHz~18GHz	Feb. 05, 2026	Sep. 14, 2026~ Sep. 30, 2026	Feb. 04, 2027	Radiation (03CH13-HY)
Notch Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN12	1GHz High Pass Filter	Sep. 09, 2026	Sep. 14, 2026~ Sep. 30, 2026	Sep. 08, 2027	Radiation (03CH13-HY)
Notch Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 09, 2026	Sep. 14, 2026~ Sep. 30, 2026	Sep. 08, 2027	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN2	3GHz High Pass Filter	Jul. 07, 2026	Sep. 14, 2026~ Sep. 30, 2026	Jul. 06, 2027	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Oct. 21, 2025	Sep. 14, 2026~ Sep. 30, 2026	Oct. 20, 2026	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 14, 2026~ Sep. 30, 2026	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Sep. 14, 2026~ Sep. 30, 2026	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Sep. 14, 2026~ Sep. 30, 2026	N/A	Radiation (03CH13-HY)
Software	Audix	N/A	RK-001124	N/A	N/A	Sep. 14, 2026~ Sep. 30, 2026	N/A	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9170	1224	18GHz-40GHz	Aug. 12, 2026	Sep. 14, 2026~ Sep. 30, 2026	Aug. 11, 2027	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 08, 2026	Sep. 14, 2026~ Sep. 30, 2026	Jun. 07, 2027	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804 012/2	18GHz~40GHz	Dec. 18, 2025	Sep. 14, 2026~ Sep. 30, 2026	Dec. 17, 2026	Radiation (03CH13-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Sep. 01, 2026	Nov. 03, 2026	Conducted (TH05-HY)
USB RF Power Sensor	DARE	RPR3006W	17I00015SNO37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Sep. 01, 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal & Spectrum Analyzer	Rohde & Schwarz	FSV3044	101466	10HZ~44GHZ	Nov. 12, 2025	Sep. 01, 2026	Nov. 11, 2026	Conducted (TH05-HY)
Switch Control Mainframe	EM Electronics	EMSW18SE	SW191204 (BOX8)	N/A	Dec. 29, 2025	Sep. 01, 2026	Dec. 28, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Sep. 01, 2026	N/A	Conducted (TH05-HY)

5 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.60 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.60 dB

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.60 dB

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.20 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Jay Chen	Temperature:	21~25	°C
Test Date:	2026/9/1	Relative Humidity:	51~54	%

TEST RESULTS DATA
Average Output Power

2.4GHz Band Single Antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11ah1	MCS0	1	3	903.5	24.66	-		30.00	-	0.90	-	25.56	-	36.00	-	Pass
11ah1	MCS0	1	25	914.5	24.61	-		30.00	-	0.90	-	25.51	-	36.00	-	Pass
11ah1	MCS0	1	49	926.5	24.71	-		30.00	-	0.90	-	25.61	-	36.00	-	Pass
11ah2	MCS0	1	6	905	24.20	-		30.00	-	0.90	-	25.10	-	36.00	-	Pass
11ah2	MCS0	1	26	915	24.19	-		30.00	-	0.90	-	25.09	-	36.00	-	Pass
11ah2	MCS0	1	46	925	24.26	-		30.00	-	0.90	-	25.16	-	36.00	-	Pass
11ah4	MCS0	1	8	906	22.16	-		30.00	-	0.90	-	23.06	-	36.00	-	Pass
11ah4	MCS0	1	32	918	22.21	-		30.00	-	0.90	-	23.11	-	36.00	-	Pass
11ah4	MCS0	1	40	922	21.58	-		30.00	-	0.90	-	22.48	-	36.00	-	Pass
11ah8	MCS0	1	12	908	22.39	-		30.00	-	0.90	-	23.29	-	36.00	-	Pass
11ah8	MCS0	1	28	916	22.41	-		30.00	-	0.90	-	23.31	-	36.00	-	Pass

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TEST RESULTS DATA
Peak Output Power

2.4GHz Band Single Antenna																
Mod.	Data Rate	N_{TX}	CH.	Freq. (MHz)	Peak Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11ah8	MCS0	1	12	908	28.14	-		30.00	-	0.90	-	29.04	-	36.00	-	Pass
11ah8	MCS0	1	28	916	28.27	-		30.00	-	0.90	-	29.17	-	36.00	-	Pass

Note: Measured power (dBm) has offset with cable loss.

Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Ryan Hong, Jacky Hong, and White Hou	**Temperature :**	21.2 ~26.3°C
		Relative Humidity :	45.2 ~ 53.6%

Note symbol

-L	**Low channel location**
-R	**High channel location**

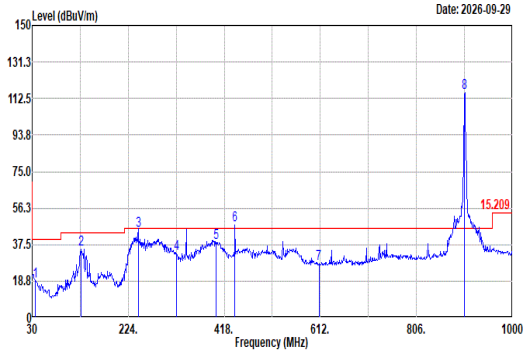
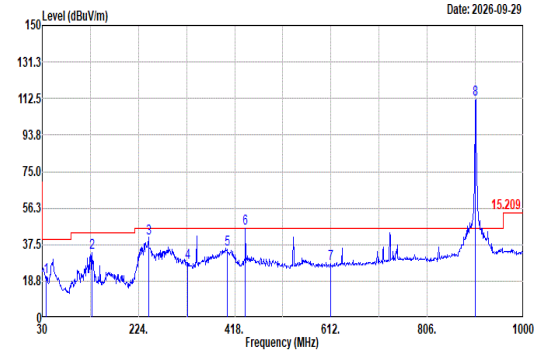
B1.Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 1	-	1	11ah	3	903.5	1M	-	-
Mode 2	-	1	11ah	25	914.5	1M	-	-
Mode 3	-	1	11ah	49	926.5	1M	-	-
Mode 4	-	1	11ah	6	905	2M	-	-
Mode 5	-	1	11ah	26	915	2M	-	-
Mode 6	-	1	11ah	46	925	2M	-	-
Mode 7	-	1	11ah	8	906	4M	-	-
Mode 8	-	1	11ah	32	918	4M	-	-
Mode 9	-	1	11ah	40	922	4M	-	-
Mode 10	-	1	11ah	12	908	8M	-	-
Mode 11	-	1	11ah	28	916	8M	-	-

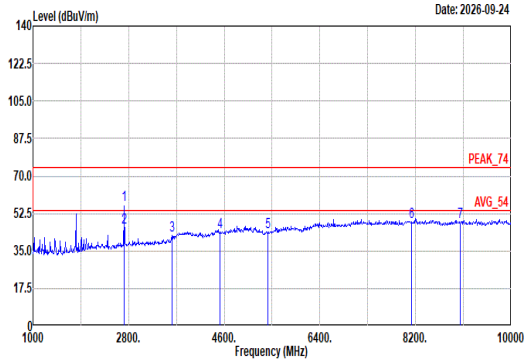
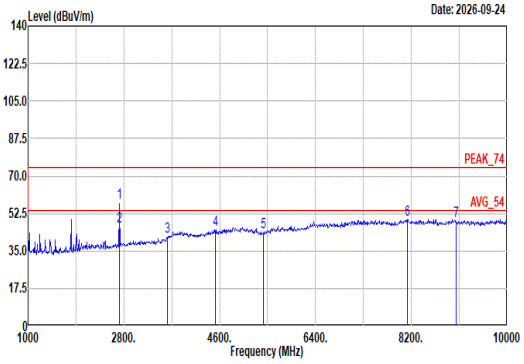
B2.Summary of each worse mode

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
1	11ah	3	244.37	44.95	46.00	-1.05	H	QP	Pass	-	LF
	11ah	3	2710.50	46.65	54.00	-7.35	V	Avg.	Pass	-	Harmonic
2	11ah	25	244.37	45.30	46.00	-0.70	H	QP	Pass	-	LF
	11ah	25	2743.50	47.45	54.00	-6.55	H	Avg.	Pass	-	Harmonic
3	11ah	49	243.75	45.31	46.00	-0.69	H	QP	Pass	-	LF
	11ah	49	2779.50	47.21	54.00	-6.79	H	Avg.	Pass	-	Harmonic
4	11ah	6	243.75	45.58	46.00	-0.42	H	QP	Pass	-	LF
	11ah	6	2715.00	44.45	54.00	-9.55	V	Avg.	Pass	-	Harmonic
5	11ah	26	243.40	45.94	46.00	-0.06	H	QP	Pass	-	LF
	11ah	26	2745.00	45.08	54.00	-8.92	H	Avg.	Pass	-	Harmonic
6	11ah	46	244.37	45.46	46.00	-0.54	H	QP	Pass	-	LF

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
6	11ah	46	2775.00	44.81	54.00	-9.19	H	Avg.	Pass	-	Harmonic
7	11ah	8	244.37	45.44	46.00	-0.56	H	QP	Pass	-	LF
	11ah	8	9060.00	43.32	54.00	-10.68	V	Avg.	Pass	-	Harmonic
8	11ah	32	243.40	42.20	46.00	-3.80	H	QP	Pass	-	LF
	11ah	32	2754.00	36.03	54.00	-17.97	H	Avg.	Pass	-	Harmonic
9	11ah	40	243.40	42.35	46.00	-3.65	V	QP	Pass	-	LF
	11ah	40	2766.00	37.83	54.00	-16.17	H	Avg.	Pass	-	Harmonic
10	11ah	12	244.37	45.54	46.00	-0.46	H	QP	Pass	-	LF
	11ah	12	2724.00	34.65	54.00	-19.35	H	Avg.	Pass	-	Harmonic
11	11ah	28	243.75	45.27	46.00	-0.73	H	QP	Pass	-	LF
	11ah	28	2748.00	35.62	54.00	-18.38	H	Avg.	Pass	-	Harmonic

Mode	1	
	LF	
	11ah_CH3_903.5MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 HORIZONTAL Mode : 1 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 36.79 18.94 40.00 -21.06 28.96 21.19 0.85 32.18 0.12 -- -- Peak 2 128.94 35.05 43.50 -8.45 47.71 17.67 1.59 32.10 0.18 200 51 Peak 3 244.37 44.95 46.00 -1.05 56.81 17.75 2.20 31.98 0.17 100 80 QP 4 321.97 32.63 46.00 -13.37 42.40 19.53 2.49 31.98 0.19 -- -- Peak 5 401.51 38.54 46.00 -7.46 45.62 21.86 2.78 31.90 0.18 -- -- Peak 6 439.34 47.61 ------ ------ 53.83 22.63 2.90 31.93 0.18 200 36 Peak 7 609.09 27.81 46.00 -18.19 30.48 25.69 3.43 32.00 0.21 -- -- Peak 8 903.50 115.23 ------ ------ 113.35 28.78 4.12 31.27 0.25 153 360 Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 VERTICAL Mode : 1 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 37.76 20.83 40.00 -19.17 31.28 20.74 0.86 32.17 0.12 -- -- Peak 2 129.91 33.27 43.50 -10.23 45.91 17.68 1.60 32.10 0.18 -- -- Peak 3 244.37 40.69 46.00 -5.31 52.55 17.75 2.20 31.98 0.17 157 360 QP 4 322.94 28.57 46.00 -17.43 38.31 19.55 2.50 31.98 0.19 -- -- Peak 5 402.48 35.10 46.00 -10.90 42.15 21.89 2.78 31.90 0.18 -- -- Peak 6 439.34 45.86 ------ ------ 52.08 22.63 2.90 31.93 0.18 100 89 Peak 7 611.03 27.58 46.00 -18.42 30.17 25.77 3.43 32.00 0.21 -- -- Peak 8 903.50 112.20 ------ ------ 110.32 28.78 4.12 31.27 0.25 200 290 Peak

Note: The marker 6 is outside the restricted bands and the emission level is more than 30 dB below the fundamental emission.

Mode	1	
	Harmonic	
	11ah_CH3_903.5MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES HORIZONTAL	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL

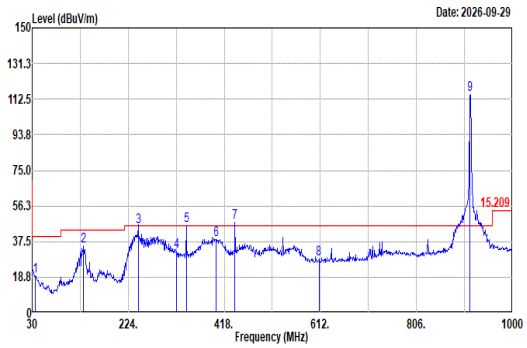
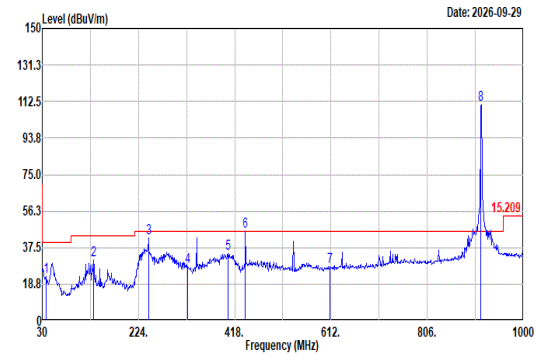
Horizontal:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2710.50	56.55	74.00	-17.45	54.96	27.60	7.11	33.16	0.04	101	292	Peak
2	2710.50	45.75	54.00	-8.25	44.16	27.60	7.11	33.16	0.04	101	292	Average
3	3614.00	42.28	74.00	-31.72	38.06	29.46	8.30	33.66	0.12	--	--	Peak
4	4517.50	43.93	74.00	-30.07	36.47	31.83	9.33	33.80	0.10	--	--	Peak
5	5421.00	44.02	74.00	-29.98	35.26	32.60	10.31	34.21	0.06	--	--	Peak
6	8131.50	48.44	74.00	-25.56	35.66	36.90	12.63	36.85	0.10	--	--	Peak
7	9035.00	48.58	74.00	-25.42	35.81	37.30	13.19	37.86	0.14	--	--	Peak

Vertical:

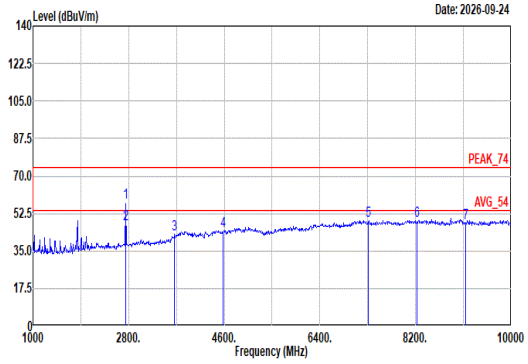
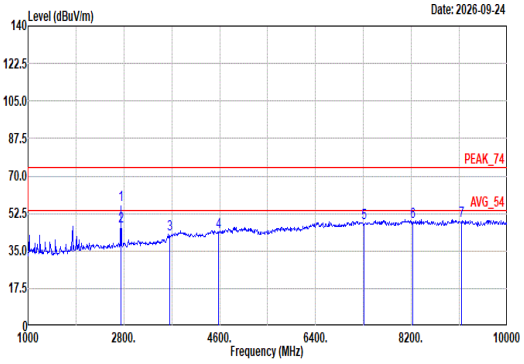
Site : 03CH13-HY
Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2710.50	57.51	74.00	-16.49	55.92	27.60	7.11	33.16	0.04	386	255	Peak
2	2710.50	46.65	54.00	-7.35	45.06	27.60	7.11	33.16	0.04	386	255	Average
3	3614.00	41.96	74.00	-32.04	37.74	29.46	8.30	33.66	0.12	--	--	Peak
4	4517.50	45.06	74.00	-28.94	37.60	31.83	9.33	33.80	0.10	--	--	Peak
5	5421.00	43.97	74.00	-30.03	35.21	32.60	10.31	34.21	0.06	--	--	Peak
6	8131.50	49.42	74.00	-24.58	36.64	36.90	12.63	36.85	0.10	--	--	Peak
7	9035.00	49.04	74.00	-24.96	36.27	37.30	13.19	37.86	0.14	--	--	Peak

Mode	2	
	LF	
	11ah_CH25_914.5MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 HORIZONTAL Mode : 2 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 36.79 19.17 40.00 -20.83 29.19 21.19 0.85 32.18 0.12 -- -- Peak 2 133.79 34.99 43.50 -8.51 47.51 17.74 1.64 32.10 0.20 -- -- Peak 3 244.37 45.30 46.00 -0.70 57.16 17.75 2.20 31.98 0.17 100 281 QP 4 321.97 32.26 46.00 -13.74 42.03 19.53 2.49 31.98 0.19 -- -- Peak 5 341.37 45.88 ------ ------ 54.99 20.13 2.57 31.98 0.17 100 316 Peak 6 401.51 38.58 46.00 -7.42 45.66 21.86 2.78 31.90 0.18 -- -- Peak 7 439.34 47.37 ------ ------ 53.59 22.63 2.90 31.93 0.18 200 54 Peak 8 609.09 28.26 46.00 -17.74 30.93 25.69 3.43 32.00 0.21 -- -- Peak 9 914.50 114.67 ------ ------ 112.28 29.16 4.13 31.17 0.27 154 360 Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 VERTICAL Mode : 2 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 37.76 22.74 40.00 -17.26 33.19 20.74 0.86 32.17 0.12 -- -- Peak 2 133.79 31.26 43.50 -12.24 43.78 17.74 1.64 32.10 0.20 -- -- Peak 3 244.37 42.33 46.00 -3.67 54.19 17.75 2.20 31.98 0.17 143 360 Peak 4 322.94 27.69 46.00 -18.31 37.43 19.55 2.50 31.98 0.19 -- -- Peak 5 404.42 34.80 46.00 -11.20 41.80 21.93 2.79 31.90 0.18 -- -- Peak 6 439.34 45.74 ------ ------ 51.96 22.63 2.90 31.93 0.18 100 83 Peak 7 610.06 27.88 46.00 -18.12 30.52 25.72 3.43 32.00 0.21 -- -- Peak 8 914.50 110.85 ------ ------ 108.51 29.13 4.13 31.18 0.26 200 275 Peak

Note 1: The marker 5 and 7 of horizontal test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

Note 2: The marker 6 of vertical test plot is outside the restricted bands and the emission level is more than 30 dB below the fundamental emission.

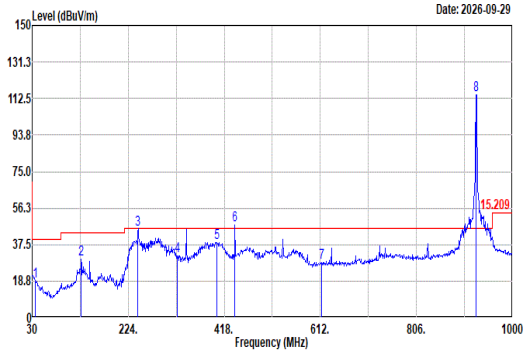
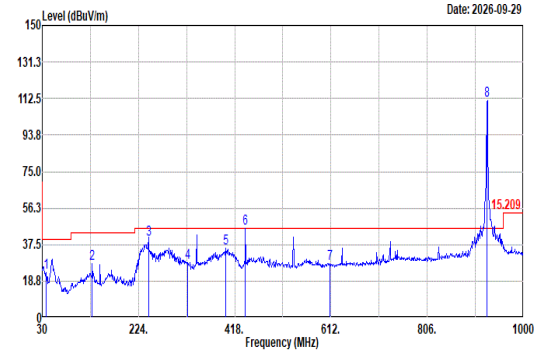
Mode	2	
	Harmonic	
	11ah_CH25_914.5MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES HORIZONTAL	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL

Horizontal:

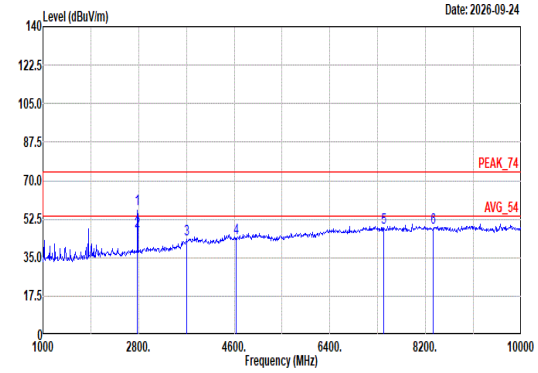
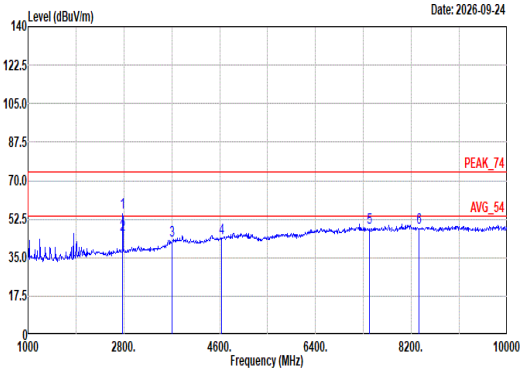
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2743.50	57.38	74.00	-16.62	55.44	27.90	7.16	33.16	0.04	100	292	Peak
2	2743.50	47.45	54.00	-6.55	45.51	27.90	7.16	33.16	0.04	100	292	Average
3	3658.00	42.79	74.00	-31.21	38.34	29.63	8.34	33.65	0.13	--	--	Peak
4	4572.50	44.47	74.00	-29.53	36.91	31.90	9.34	33.77	0.09	--	--	Peak
5	7316.00	49.10	74.00	-24.90	36.32	37.06	11.72	36.04	0.04	--	--	Peak
6	8230.50	49.03	74.00	-24.97	36.27	36.84	12.79	36.92	0.05	--	--	Peak
7	9145.00	48.12	74.00	-25.88	35.56	37.21	13.26	38.04	0.13	--	--	Peak

Vertical:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2743.50	56.34	74.00	-17.66	54.40	27.90	7.16	33.16	0.04	377	263	Peak
2	2743.50	46.36	54.00	-7.64	44.42	27.90	7.16	33.16	0.04	377	263	Average
3	3658.00	42.87	74.00	-31.13	38.42	29.63	8.34	33.65	0.13	--	--	Peak
4	4572.50	43.78	74.00	-30.22	36.22	31.90	9.34	33.77	0.09	--	--	Peak
5	7316.00	47.87	74.00	-26.13	35.09	37.06	11.72	36.04	0.04	--	--	Peak
6	8230.50	48.73	74.00	-25.27	35.97	36.84	12.79	36.92	0.05	--	--	Peak
7	9145.00	48.88	74.00	-25.12	36.32	37.21	13.26	38.04	0.13	--	--	Peak

Mode	3	
	LF	
	11ah_CH49_926.5MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 HORIZONTAL Mode : 3 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 36.79 18.73 40.00 -21.27 28.75 21.19 0.85 32.18 0.12 -- -- Peak 2 128.94 30.02 43.50 -13.48 42.68 17.67 1.59 32.10 0.18 -- -- Peak 3 243.75 45.31 46.00 -0.69 57.24 17.68 2.20 31.98 0.17 100 283 QP 4 322.94 31.71 46.00 -14.29 41.45 19.55 2.50 31.98 0.19 -- -- Peak 5 403.45 38.68 46.00 -7.32 45.71 21.91 2.78 31.90 0.18 -- -- Peak 6 439.34 47.80 ------ ------ 54.02 22.63 2.90 31.93 0.18 200 42 Peak 7 613.94 28.36 46.00 -17.64 30.88 25.83 3.44 32.00 0.21 -- -- Peak 8 926.50 114.31 ------ ------ 111.43 29.53 4.15 31.08 0.28 152 360 Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 VERTICAL Mode : 3 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 37.76 23.22 40.00 -16.78 33.67 20.74 0.86 32.17 0.12 -- -- Peak 2 130.88 27.82 43.50 -15.68 40.39 17.73 1.61 32.10 0.19 -- -- Peak 3 244.37 40.20 46.00 -5.80 52.06 17.75 2.20 31.98 0.17 171 360 QP 4 322.94 28.51 46.00 -17.49 38.25 19.55 2.50 31.98 0.19 -- -- Peak 5 400.54 35.68 46.00 -10.32 42.82 21.81 2.77 31.90 0.18 -- -- Peak 6 439.34 45.66 ------ ------ 51.88 22.63 2.90 31.93 0.18 100 93 Peak 7 610.06 27.69 46.00 -18.31 30.33 25.72 3.43 32.00 0.21 -- -- Peak 8 926.50 111.76 ------ ------ 108.88 29.53 4.15 31.08 0.28 200 289 Peak

Note: The marker 6 is outside the restricted bands and the emission level is more than 30 dB below the fundamental emission.

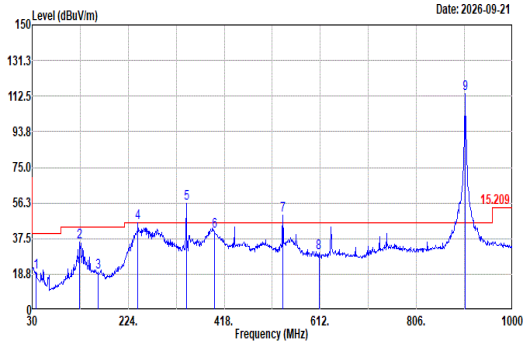
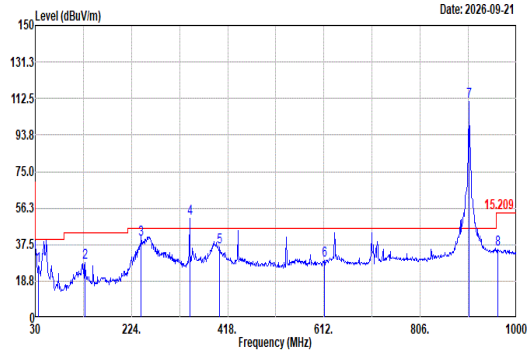
Mode	3	
	Harmonic	
	11ah_CH49_926.5MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES HORIZONTAL	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL

Horizontal:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2779.50	57.09	74.00	-16.91	55.10	27.90	7.21	33.15	0.03	100	308	Peak
2	2779.50	47.21	54.00	-6.79	45.22	27.90	7.21	33.15	0.03	100	308	Average
3	3706.00	43.33	74.00	-30.67	38.62	29.84	8.37	33.65	0.15	--	--	Peak
4	4632.50	43.85	74.00	-30.15	35.98	32.03	9.49	33.73	0.08	--	--	Peak
5	7412.00	48.51	74.00	-25.49	35.63	37.18	11.74	36.11	0.07	--	--	Peak
6	8338.50	48.40	74.00	-25.60	35.64	36.98	12.77	37.01	0.02	--	--	Peak

Vertical:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2779.50	55.40	74.00	-18.60	53.41	27.90	7.21	33.15	0.03	300	273	Peak
2	2779.50	45.44	54.00	-8.56	43.45	27.90	7.21	33.15	0.03	300	273	Average
3	3706.00	43.04	74.00	-30.96	38.33	29.84	8.37	33.65	0.15	--	--	Peak
4	4632.50	43.82	74.00	-30.18	35.95	32.03	9.49	33.73	0.08	--	--	Peak
5	7412.00	48.34	74.00	-25.66	35.46	37.18	11.74	36.11	0.07	--	--	Peak
6	8338.50	48.70	74.00	-25.30	35.94	36.98	12.77	37.01	0.02	--	--	Peak

Mode	4	
	LF	
	11ah_CH6_905MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak		

Site : 03CH13-HY
Condition: 15.209 3m BILOG_40103 HORIZONTAL
Mode : 3

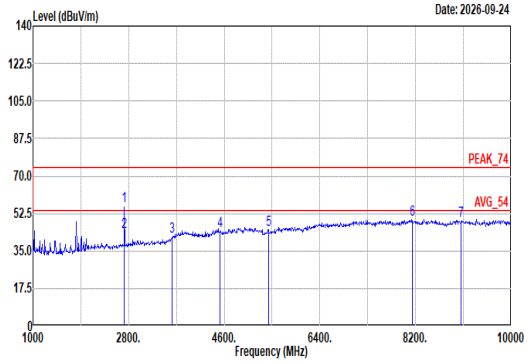
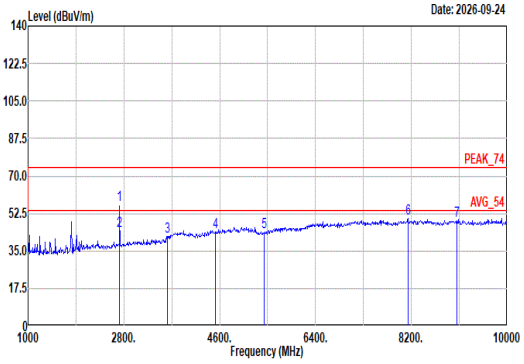
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	37.76	19.54	40.00	-20.46	29.99	20.74	0.86	32.17	0.12	--	--	Peak
2	126.03	35.54	43.50	-7.96	48.22	17.68	1.57	32.10	0.17	--	--	Peak
3	163.86	19.99	43.50	-23.51	33.87	16.21	1.79	32.06	0.18	--	--	Peak
4	243.75	45.58	46.00	-0.42	57.51	17.68	2.20	31.98	0.17	100	299	QP
5	341.37	56.30	------	------	65.41	20.13	2.57	31.98	0.17	100	333	Peak
6	398.60	41.10	46.00	-4.90	48.37	21.68	2.77	31.90	0.18	--	--	Peak
7	536.34	49.87	------	------	54.27	24.21	3.21	32.01	0.19	161	360	Peak
8	609.09	29.89	46.00	-16.11	32.56	25.69	3.43	32.00	0.21	--	--	Peak
9	905.00	113.67	------	------	111.79	28.78	4.12	31.27	0.25	139	360	Peak

Site : 03CH13-HY
Condition: 15.209 3m BILOG_40103 VERTICAL
Mode : 3

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	36.79	26.49	40.00	-13.51	36.51	21.19	0.85	32.18	0.12	--	--	Peak
2	130.88	28.40	43.50	-15.10	40.97	17.73	1.61	32.10	0.19	--	--	Peak
3	243.40	40.13	46.00	-5.87	52.10	17.64	2.20	31.98	0.17	100	74	QP
4	341.37	50.68	------	------	59.79	20.13	2.57	31.98	0.17	200	289	Peak
5	401.51	35.95	46.00	-10.05	43.03	21.86	2.78	31.90	0.18	--	--	Peak
6	612.97	29.35	46.00	-16.65	31.88	25.82	3.44	32.00	0.21	--	--	Peak
7	905.00	110.79	------	------	108.82	28.86	4.12	31.26	0.25	200	299	Peak
8	962.17	34.82	54.00	-19.18	30.06	30.99	4.23	30.76	0.30	--	--	Peak

Note 1: The marker 5 and 7 of horizontal test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

Note 2: The marker 4 of vertical test plot is outside the restricted bands and the emission level is more than 30 dB below the fundamental emission.

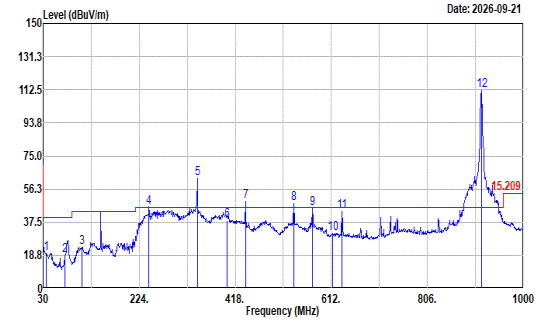
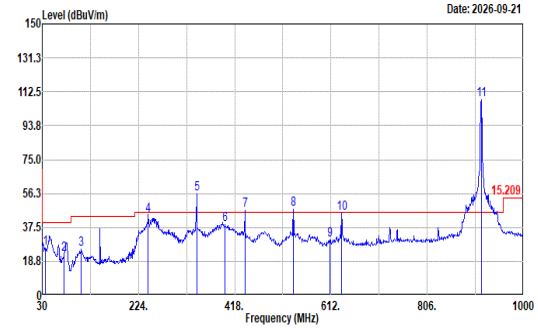
Mode	4	
	Harmonic	
	11ah_CH6_905MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES HORIZONTAL	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL

Horizontal:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2715.00	55.74	74.00	-18.26	54.09	27.65	7.12	33.16	0.04	105	292	Peak
2	2715.00	43.79	54.00	-10.21	42.14	27.65	7.12	33.16	0.04	105	292	Average
3	3620.00	41.59	74.00	-32.41	37.34	29.48	8.31	33.66	0.12	--	--	Peak
4	4525.00	44.15	74.00	-29.85	36.67	31.85	9.33	33.80	0.10	--	--	Peak
5	5430.00	44.95	74.00	-29.05	36.20	32.60	10.32	34.23	0.06	--	--	Peak
6	8145.00	49.78	74.00	-24.22	36.99	36.90	12.66	36.86	0.09	--	--	Peak
7	9050.00	48.98	74.00	-25.02	36.22	37.30	13.20	37.88	0.14	--	--	Peak

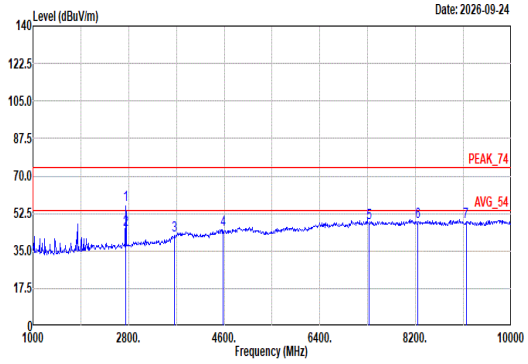
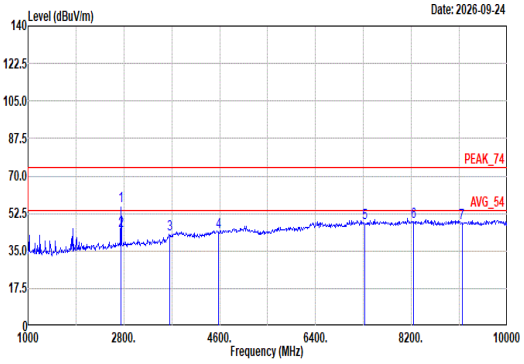
Vertical:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2715.00	56.67	74.00	-17.33	55.02	27.65	7.12	33.16	0.04	389	255	Peak
2	2715.00	44.45	54.00	-9.55	42.80	27.65	7.12	33.16	0.04	389	255	Average
3	3620.00	41.96	74.00	-32.04	37.71	29.48	8.31	33.66	0.12	--	--	Peak
4	4525.00	43.67	74.00	-30.33	36.19	31.85	9.33	33.80	0.10	--	--	Peak
5	5430.00	43.77	74.00	-30.23	35.02	32.60	10.32	34.23	0.06	--	--	Peak
6	8145.00	50.17	74.00	-23.83	37.38	36.90	12.66	36.86	0.09	--	--	Peak
7	9050.00	49.37	74.00	-24.63	36.61	37.30	13.20	37.88	0.14	--	--	Peak

Mode	5	
	LF	
	11ah_CH26_915MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 HORIZONTAL Mode : 5 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 36.79 19.73 40.00 -20.27 29.75 21.19 0.85 32.18 0.12 -- -- Peak 2 74.62 18.77 40.00 -21.23 36.58 12.87 1.24 32.09 0.17 -- -- Peak 3 108.57 23.13 43.50 -20.37 36.71 16.92 1.46 32.11 0.15 -- -- Peak 4 243.40 45.94 46.00 -0.06 57.91 17.64 2.20 31.98 0.17 100 69 QP 5 341.37 62.11 ------ ------ 71.22 20.13 2.57 31.98 0.17 100 341 Peak 6 401.51 38.30 46.00 -7.70 45.38 21.86 2.78 31.90 0.18 100 327 QP 7 438.37 49.15 ------ ------ 55.38 22.62 2.90 31.93 0.18 200 117 Peak 8 536.34 47.98 ------ ------ 52.38 24.21 3.21 32.01 0.19 177 360 Peak 9 574.17 45.11 ------ ------ 47.64 25.94 3.33 32.00 0.20 100 191 Peak 10 613.94 31.19 46.00 -14.81 33.71 25.83 3.44 32.00 0.21 -- -- Peak 11 633.34 43.64 ------ ------ 45.57 26.38 3.49 32.01 0.21 129 360 Peak 12 915.00 112.09 ------ ------ 109.73 29.14 4.13 31.17 0.26 100 189 Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 VERTICAL Mode : 5 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 36.79 25.78 40.00 -14.22 35.80 21.19 0.85 32.18 0.12 -- -- Peak 2 74.62 22.40 40.00 -17.60 40.21 12.87 1.24 32.09 0.17 -- -- Peak 3 108.57 25.46 43.50 -18.04 39.04 16.92 1.46 32.11 0.15 -- -- Peak 4 243.40 44.34 46.00 -1.66 56.31 17.64 2.20 31.98 0.17 100 66 QP 5 341.37 56.11 ------ ------ 65.22 20.13 2.57 31.98 0.17 200 88 Peak 6 398.60 38.80 46.00 -7.20 46.07 21.68 2.77 31.90 0.18 -- -- Peak 7 438.37 47.00 ------ ------ 53.23 22.62 2.90 31.93 0.18 200 46 Peak 8 536.34 47.40 ------ ------ 51.80 24.21 3.21 32.01 0.19 100 6 Peak 9 610.06 30.68 46.00 -15.32 33.32 25.72 3.43 32.00 0.21 -- -- Peak 10 633.34 45.52 ------ ------ 47.45 26.38 3.49 32.01 0.21 100 294 Peak 11 915.00 108.38 ------ ------ 106.02 29.14 4.13 31.17 0.26 200 282 Peak

Note 1: The marker 5, 7, 8, 9 and 11 of horizontal test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

Note 2: The marker 5, 7, 8 and 10 of vertical test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

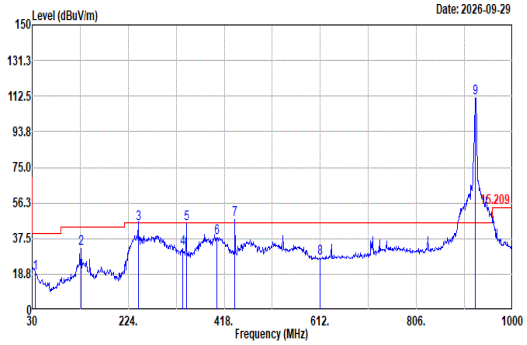
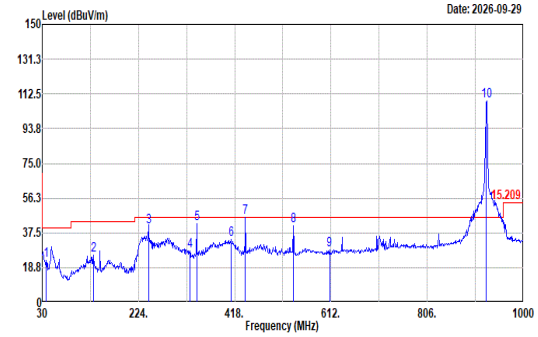
Mode	5	
	Harmonic	
	11ah_CH26_915MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES HORIZONTAL	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL

Horizontal:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2745.00	56.63	74.00	-17.37	54.69	27.90	7.16	33.16	0.04	100	293	Peak
2	2745.00	45.08	54.00	-8.92	43.14	27.90	7.16	33.16	0.04	100	293	Average
3	3660.00	42.02	74.00	-31.98	37.56	29.64	8.34	33.65	0.13	--	--	Peak
4	4575.00	45.01	74.00	-28.99	37.45	31.90	9.34	33.77	0.09	--	--	Peak
5	7320.00	48.23	74.00	-25.77	35.42	37.08	11.72	36.04	0.05	--	--	Peak
6	8235.00	48.41	74.00	-25.59	35.68	36.83	12.78	36.93	0.05	--	--	Peak
7	9150.00	48.84	74.00	-25.16	36.30	37.20	13.26	38.05	0.13	--	--	Peak

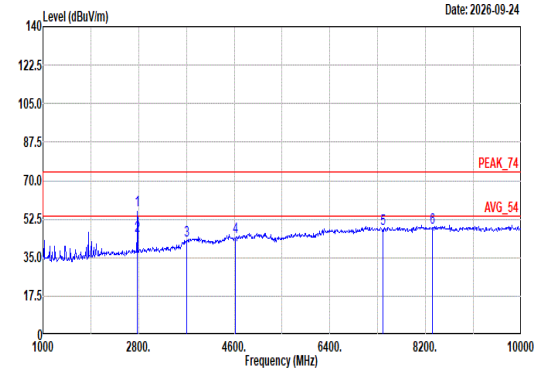
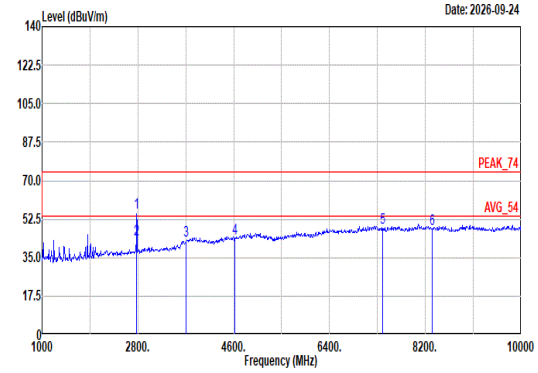
Vertical:

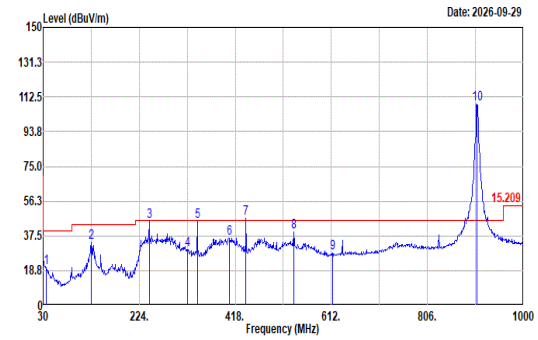
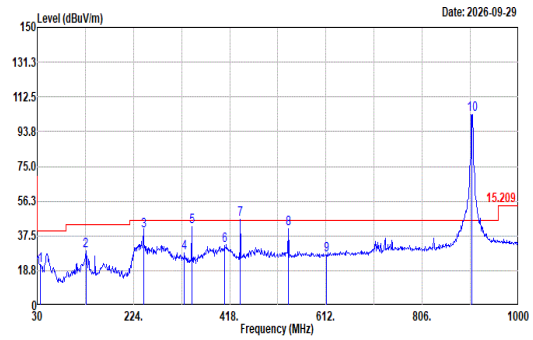
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2745.00	55.78	74.00	-18.22	53.84	27.90	7.16	33.16	0.04	378	260	Peak
2	2745.00	44.18	54.00	-9.82	42.24	27.90	7.16	33.16	0.04	378	260	Average
3	3660.00	42.57	74.00	-31.43	38.11	29.64	8.34	33.65	0.13	--	--	Peak
4	4575.00	43.95	74.00	-30.05	36.39	31.90	9.34	33.77	0.09	--	--	Peak
5	7320.00	48.03	74.00	-25.97	35.22	37.08	11.72	36.04	0.05	--	--	Peak
6	8235.00	48.58	74.00	-25.42	35.85	36.83	12.78	36.93	0.05	--	--	Peak
7	9150.00	48.25	74.00	-25.75	35.71	37.20	13.26	38.05	0.13	--	--	Peak

Mode	6	
	LF	
	11ah_CH46_925MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 HORIZONTAL Mode : 6 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 36.79 19.10 40.00 -20.90 29.12 21.19 0.85 32.18 0.12 -- -- Peak 2 128.94 32.09 43.50 -11.41 44.75 17.67 1.59 32.10 0.18 -- -- Peak 3 244.37 45.46 46.00 -0.54 57.32 17.75 2.20 31.98 0.17 100 299 QP 4 334.58 32.12 46.00 -13.88 41.41 19.96 2.55 31.98 0.18 -- -- Peak 5 341.37 45.48 ------ ------ 54.59 20.13 2.57 31.98 0.17 100 340 Peak 6 402.48 38.14 46.00 -7.86 45.19 21.89 2.78 31.90 0.18 -- -- Peak 7 439.34 47.35 ------ ------ 53.57 22.63 2.90 31.93 0.18 200 45 Peak 8 612.00 27.41 46.00 -18.59 29.96 25.81 3.43 32.00 0.21 -- -- Peak 9 925.00 111.76 ------ ------ 108.90 29.51 4.15 31.08 0.28 152 360 Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 VERTICAL Mode : 6 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 37.76 22.81 40.00 -17.19 33.26 20.74 0.86 32.17 0.12 -- -- Peak 2 132.82 25.47 43.50 -18.03 37.97 17.77 1.63 32.10 0.20 -- -- Peak 3 244.37 40.68 46.00 -5.32 52.54 17.75 2.20 31.98 0.17 146 360 QP 4 327.79 27.88 46.00 -18.12 37.46 19.70 2.52 31.98 0.18 -- -- Peak 5 341.37 42.56 ------ ------ 51.67 20.13 2.57 31.98 0.17 146 360 Peak 6 410.24 33.93 46.00 -12.07 40.68 22.18 2.80 31.91 0.18 -- -- Peak 7 439.34 46.08 ------ ------ 52.30 22.63 2.90 31.93 0.18 100 78 Peak 8 536.34 41.07 ------ ------ 45.47 24.21 3.21 32.01 0.19 100 48 Peak 9 609.09 28.18 46.00 -17.82 30.85 25.69 3.43 32.00 0.21 -- -- Peak 10 925.00 108.67 ------ ------ 105.81 29.51 4.15 31.08 0.28 200 292 Peak

Note 1: The marker 5 and 7 of horizontal test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

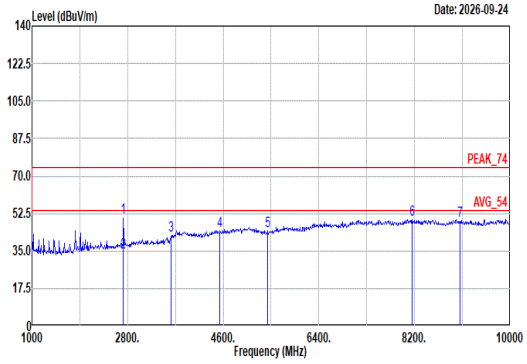
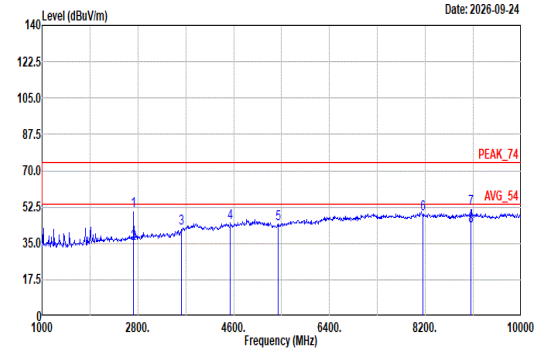
Note 2: The marker 5, 7 and 8 of vertical test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

Mode	6	
	Harmonic	
	11ah_CH46_925MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2775.00 56.60 74.00 -17.40 54.57 27.95 7.20 33.15 0.03 120 308 Peak 2 2775.00 44.81 54.00 -9.19 42.78 27.95 7.20 33.15 0.03 120 308 Average 3 3700.00 42.91 74.00 -31.09 38.24 29.80 8.37 33.65 0.15 -- -- Peak 4 4625.00 44.31 74.00 -29.69 36.51 32.00 9.46 33.74 0.08 -- -- Peak 5 7400.00 48.31 74.00 -25.69 35.42 37.20 11.72 36.10 0.07 -- -- Peak 6 8325.00 48.78 74.00 -25.22 36.04 36.95 12.77 37.00 0.02 -- -- Peak	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2775.00 55.23 74.00 -18.77 53.20 27.95 7.20 33.15 0.03 293 270 Peak 2 2775.00 43.53 54.00 -10.47 41.50 27.95 7.20 33.15 0.03 293 270 Average 3 3700.00 42.95 74.00 -31.05 38.28 29.80 8.37 33.65 0.15 -- -- Peak 4 4625.00 43.90 74.00 -30.10 36.10 32.00 9.46 33.74 0.08 -- -- Peak 5 7400.00 48.71 74.00 -25.29 35.82 37.20 11.72 36.10 0.07 -- -- Peak 6 8325.00 48.24 74.00 -25.76 35.50 36.95 12.77 37.00 0.02 -- -- Peak

Mode	7	
	LF	
	11ah_CH8_906MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 HORIZONTAL Mode : 7 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 36.79 20.10 40.00 -19.90 30.12 21.19 0.85 32.18 0.12 -- -- Peak 2 127.00 34.14 43.50 -9.36 46.87 17.62 1.58 32.10 0.17 -- -- Peak 3 244.37 45.44 46.00 -0.56 57.30 17.75 2.20 31.98 0.17 100 295 QP 4 322.00 30.07 46.00 -15.93 39.84 19.53 2.49 31.98 0.19 -- -- Peak 5 341.37 45.51 ------ ------ 54.62 20.13 2.57 31.98 0.17 100 342 Peak 6 405.39 36.30 46.00 -9.70 43.29 21.94 2.79 31.90 0.18 -- -- Peak 7 439.34 47.09 ------ ------ 53.31 22.63 2.90 31.93 0.18 200 17 Peak 8 536.34 39.55 ------ ------ 43.95 24.21 3.21 32.01 0.19 147 360 Peak 9 613.94 28.52 46.00 -17.48 31.04 25.83 3.44 32.00 0.21 -- -- Peak 10 906.00 108.81 ------ ------ 106.84 28.86 4.12 31.26 0.25 141 360 Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 VERTICAL Mode : 7 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 36.79 21.64 40.00 -18.36 31.66 21.19 0.85 32.18 0.12 -- -- Peak 2 127.97 29.43 43.50 -14.07 42.11 17.65 1.59 32.10 0.18 -- -- Peak 3 244.37 40.38 46.00 -5.62 52.24 17.75 2.20 31.98 0.17 161 360 QP 4 326.82 28.30 46.00 -17.70 37.93 19.66 2.51 31.98 0.18 -- -- Peak 5 341.37 42.52 ------ ------ 51.63 20.13 2.57 31.98 0.17 138 360 Peak 6 408.30 32.31 46.00 -13.69 39.16 22.08 2.80 31.91 0.18 -- -- Peak 7 439.34 46.16 ------ ------ 52.38 22.63 2.90 31.93 0.18 100 82 Peak 8 536.34 41.34 ------ ------ 45.74 24.21 3.21 32.01 0.19 100 46 Peak 9 612.97 27.43 46.00 -18.57 29.96 25.82 3.44 32.00 0.21 -- -- Peak 10 906.00 103.22 ------ ------ 101.25 28.86 4.12 31.26 0.25 200 275 Peak

Note 1: The marker 5, 7 and 8 of horizontal test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

Note 2: The marker 5, 7 and 8 of vertical test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

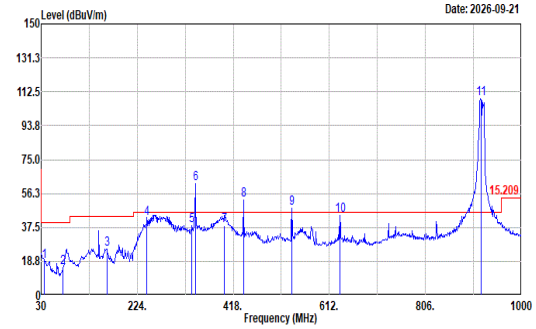
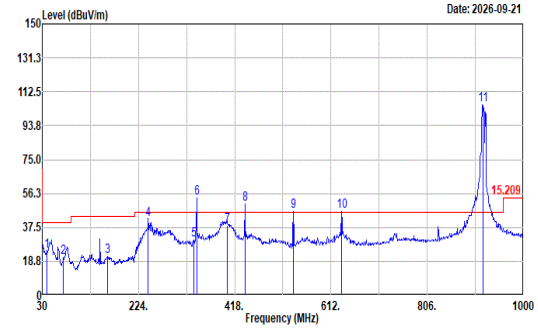
Mode	7	
	Harmonic	
	11ah_CH8_906MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES HORIZONTAL	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL

Horizontal:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2718.00	50.84	74.00	-23.16	49.15	27.68	7.13	33.16	0.04	108	290	Peak
2	2718.00	34.20	54.00	-19.80	32.51	27.68	7.13	33.16	0.04	108	290	Average
3	3624.00	42.44	74.00	-31.56	38.17	29.50	8.31	33.66	0.12	--	--	Peak
4	4530.00	44.51	74.00	-29.49	37.01	31.86	9.33	33.79	0.10	--	--	Peak
5	5436.00	44.14	74.00	-29.86	35.39	32.60	10.32	34.24	0.07	--	--	Peak
6	8154.00	49.51	74.00	-24.49	36.70	36.90	12.68	36.86	0.09	--	--	Peak
7	9060.00	49.05	74.00	-24.95	36.30	37.30	13.21	37.90	0.14	--	--	Peak

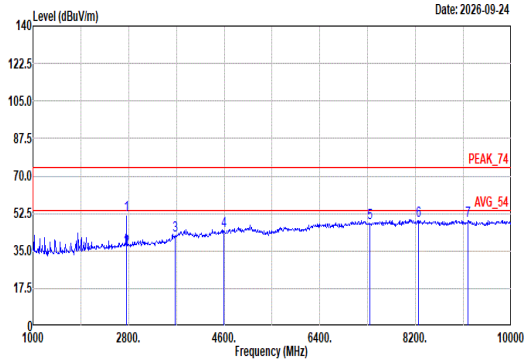
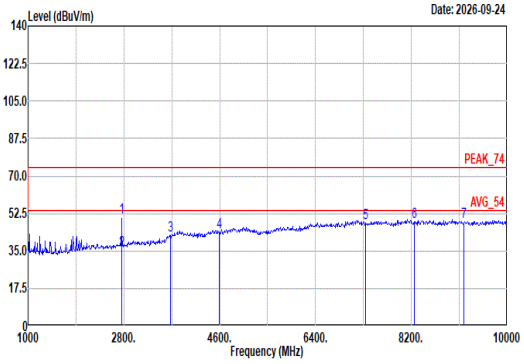
Vertical:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2718.00	50.95	74.00	-23.05	49.26	27.68	7.13	33.16	0.04	384	252	Peak
2	2718.00	34.82	54.00	-19.18	33.13	27.68	7.13	33.16	0.04	384	252	Average
3	3624.00	42.19	74.00	-31.81	37.92	29.50	8.31	33.66	0.12	--	--	Peak
4	4530.00	44.70	74.00	-29.30	37.20	31.86	9.33	33.79	0.10	--	--	Peak
5	5436.00	44.21	74.00	-29.79	35.46	32.60	10.32	34.24	0.07	--	--	Peak
6	8154.00	48.93	74.00	-25.07	36.12	36.90	12.68	36.86	0.09	--	--	Peak
7	9060.00	51.74	74.00	-22.26	38.99	37.30	13.21	37.90	0.14	194	242	Peak
8	9060.00	43.32	54.00	-10.68	30.57	37.30	13.21	37.90	0.14	194	242	Average

Mode	8	
	LF	
	11ah_CH32_918MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 HORIZONTAL Mode : 8 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 36.79 18.88 40.00 -21.12 28.90 21.19 0.85 32.18 0.12 -- -- Peak 2 74.62 15.30 40.00 -24.70 33.11 12.87 1.24 32.09 0.17 -- -- Peak 3 162.89 25.72 43.50 -17.78 39.52 16.30 1.78 32.06 0.18 -- -- Peak 4 243.40 42.20 46.00 -3.80 54.17 17.64 2.20 31.98 0.17 100 69 QP 5 334.58 38.49 46.00 -7.51 47.78 19.96 2.55 31.98 0.18 -- -- Peak 6 341.37 61.57 ------ ------ 70.68 20.13 2.57 31.98 0.17 100 331 Peak 7 400.54 38.53 46.00 -7.47 45.67 21.81 2.77 31.90 0.18 100 310 QP 8 438.37 52.66 ------ ------ 58.89 22.62 2.90 31.93 0.18 200 31 Peak 9 536.34 48.18 ------ ------ 52.58 24.21 3.21 32.01 0.19 157 360 Peak 10 633.34 44.23 ------ ------ 46.16 26.38 3.49 32.01 0.21 132 360 Peak 11 918.00 108.57 ------ ------ 106.14 29.17 4.14 31.15 0.27 100 221 Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 VERTICAL Mode : 8 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 38.73 24.40 40.00 -15.60 35.37 20.21 0.87 32.17 0.12 -- -- Peak 2 72.68 20.85 40.00 -19.15 39.04 12.53 1.22 32.10 0.16 -- -- Peak 3 161.92 21.39 43.50 -22.11 35.15 16.34 1.77 32.06 0.19 -- -- Peak 4 243.40 42.05 46.00 -3.95 54.02 17.64 2.20 31.98 0.17 100 76 QP 5 335.55 30.77 46.00 -15.23 40.06 19.97 2.55 31.98 0.17 -- -- Peak 6 341.37 54.00 ------ ------ 63.11 20.13 2.57 31.98 0.17 200 294 Peak 7 402.48 38.74 46.00 -7.26 45.79 21.89 2.78 31.90 0.18 200 74 QP 8 438.37 50.22 ------ ------ 56.45 22.62 2.90 31.93 0.18 200 51 Peak 9 536.34 46.45 ------ ------ 50.85 24.21 3.21 32.01 0.19 200 83 Peak 10 633.34 46.21 ------ ------ 48.14 26.38 3.49 32.01 0.21 100 86 Peak 11 918.00 105.04 ------ ------ 102.61 29.17 4.14 31.15 0.27 200 300 Peak

Note 1: The marker 6, 8, 9 and 10 of horizontal test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

Note 2: The marker 6, 8, 9 and 10 of vertical test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

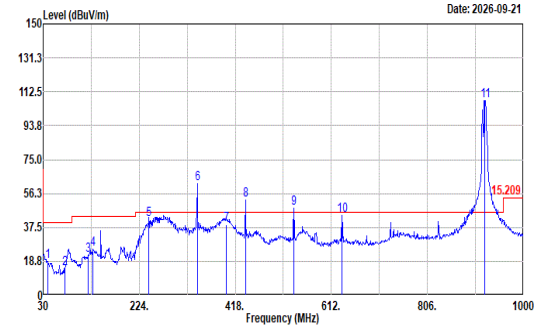
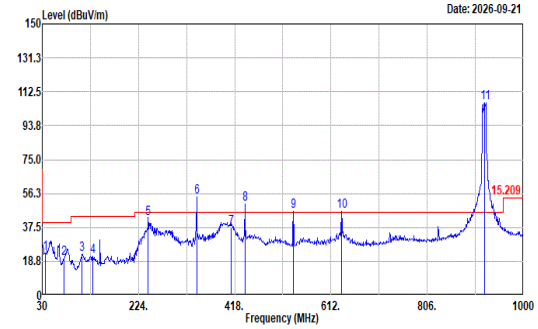
Mode	8	
	Harmonic	
	11ah_CH32_918MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES HORIZONTAL	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL

Horizontal:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2754.00	51.77	74.00	-22.23	49.77	27.94	7.18	33.15	0.03	100	293	Peak
2	2754.00	36.03	54.00	-17.97	34.03	27.94	7.18	33.15	0.03	100	293	Average
3	3672.00	42.04	74.00	-31.96	37.51	29.69	8.35	33.65	0.14	--	--	Peak
4	4590.00	44.57	74.00	-29.43	36.99	31.90	9.35	33.76	0.09	--	--	Peak
5	7344.00	48.25	74.00	-25.75	35.36	37.18	11.72	36.06	0.05	--	--	Peak
6	8262.00	48.90	74.00	-25.10	36.21	36.82	12.78	36.95	0.04	--	--	Peak
7	9180.00	49.11	74.00	-24.89	36.49	37.32	13.28	38.10	0.12	--	--	Peak

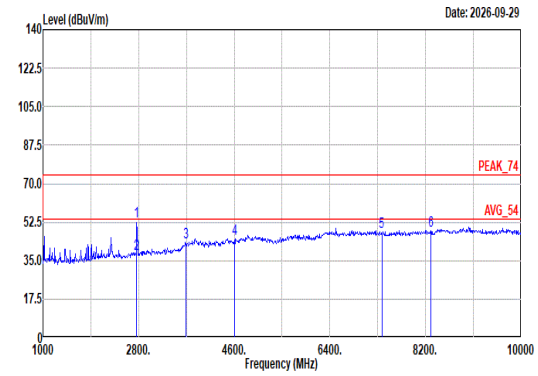
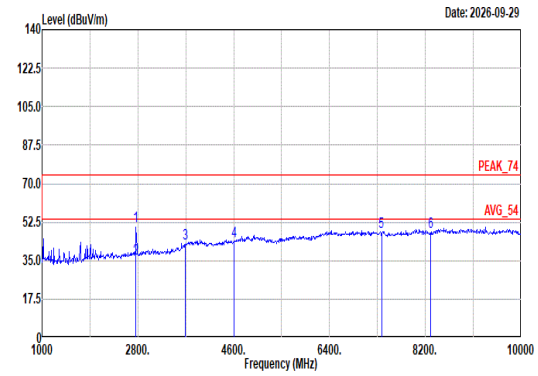
Vertical:

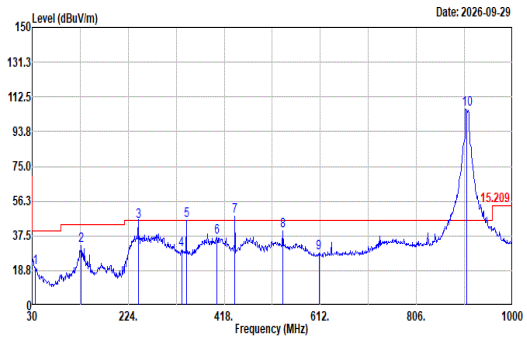
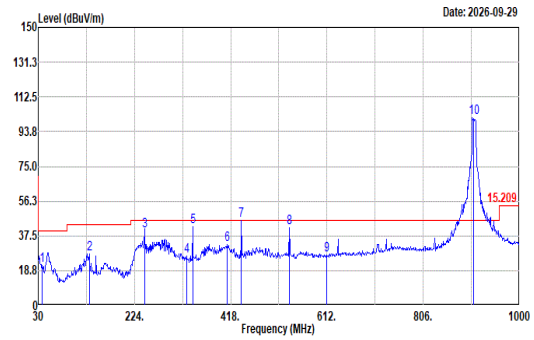
	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2754.00	50.76	74.00	-23.24	48.76	27.94	7.18	33.15	0.03	369	266	Peak
2	2754.00	35.30	54.00	-18.70	33.30	27.94	7.18	33.15	0.03	369	266	Average
3	3672.00	42.38	74.00	-31.62	37.85	29.69	8.35	33.65	0.14	--	--	Peak
4	4590.00	44.11	74.00	-29.89	36.53	31.90	9.35	33.76	0.09	--	--	Peak
5	7344.00	47.98	74.00	-26.02	35.09	37.18	11.72	36.06	0.05	--	--	Peak
6	8262.00	48.52	74.00	-25.48	35.83	36.82	12.78	36.95	0.04	--	--	Peak
7	9180.00	48.57	74.00	-25.43	35.95	37.32	13.28	38.10	0.12	--	--	Peak

Mode	9	
	LF	
	11ah_CH40_922MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 HORIZONTAL Mode : 9 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 38.73 18.62 40.00 -21.38 29.59 20.21 0.87 32.17 0.12 -- -- Peak 2 74.62 14.96 40.00 -25.04 32.77 12.87 1.24 32.09 0.17 -- -- Peak 3 120.21 22.07 43.50 -21.43 34.91 17.62 1.51 32.11 0.14 -- -- Peak 4 130.88 25.26 43.50 -18.24 37.83 17.73 1.61 32.10 0.19 -- -- Peak 5 243.40 42.14 46.00 -3.86 54.11 17.64 2.20 31.98 0.17 100 62 QP 6 341.37 61.61 ------ ------ 70.72 20.13 2.57 31.98 0.17 100 331 Peak 7 400.54 39.02 46.00 -6.98 46.16 21.81 2.77 31.90 0.18 100 204 QP 8 438.37 52.79 ------ ------ 59.02 22.62 2.90 31.93 0.18 200 30 Peak 9 536.34 48.00 ------ ------ 52.40 24.21 3.21 32.01 0.19 162 360 Peak 10 633.34 44.04 ------ ------ 45.97 26.38 3.49 32.01 0.21 100 48 Peak 11 922.00 107.68 ------ ------ 104.94 29.44 4.15 31.12 0.27 100 238 Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 VERTICAL Mode : 9 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 36.79 23.11 40.00 -16.89 33.13 21.19 0.85 32.18 0.12 -- -- Peak 2 74.62 20.30 40.00 -19.70 38.11 12.87 1.24 32.09 0.17 -- -- Peak 3 110.51 22.77 43.50 -20.73 36.28 16.99 1.47 32.11 0.14 -- -- Peak 4 131.85 21.67 43.50 -21.83 34.19 17.77 1.62 32.10 0.19 -- -- Peak 5 243.40 42.35 46.00 -3.65 54.32 17.64 2.20 31.98 0.17 100 74 QP 6 341.37 54.08 ------ ------ 63.19 20.13 2.57 31.98 0.17 200 84 Peak 7 410.24 37.49 46.00 -8.51 44.24 22.18 2.80 31.91 0.18 200 89 QP 8 438.37 50.17 ------ ------ 56.40 22.62 2.90 31.93 0.18 200 62 Peak 9 536.34 46.25 ------ ------ 50.65 24.21 3.21 32.01 0.19 200 74 Peak 10 633.34 46.35 ------ ------ 48.28 26.38 3.49 32.01 0.21 100 85 Peak 11 922.00 106.43 ------ ------ 103.69 29.44 4.15 31.12 0.27 100 259 Peak

Note 1: The marker 6, 8, 9 and 10 of horizontal test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

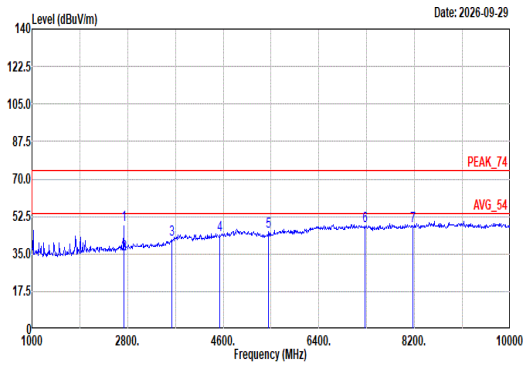
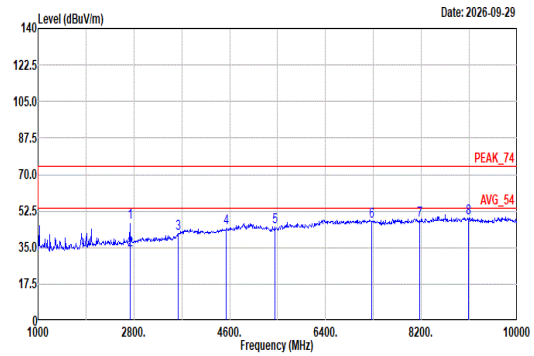
Note 2: The marker 6, 8, 9 and 10 of vertical test plot are outside the restricted bands and the emission levels are more than 30 dB below the fundamental emission.

Mode	9	
	Harmonic	
	11ah_CH40_922MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2766.00 52.75 74.00 -21.25 50.68 28.00 7.19 33.15 0.03 100 295 Peak 2 2766.00 37.83 54.00 -16.17 35.76 28.00 7.19 33.15 0.03 100 295 Average 3 3688.00 43.22 74.00 -30.78 38.61 29.75 8.36 33.65 0.15 -- -- Peak 4 4610.00 44.82 74.00 -29.18 37.15 31.94 9.39 33.75 0.09 -- -- Peak 5 7376.00 48.02 74.00 -25.98 35.12 37.20 11.72 36.08 0.06 -- -- Peak 6 8298.00 48.62 74.00 -25.38 35.89 36.90 12.78 36.98 0.03 -- -- Peak	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 2766.00 50.79 74.00 -23.21 48.72 28.00 7.19 33.15 0.03 300 268 Peak 2 2766.00 35.91 54.00 -18.09 33.84 28.00 7.19 33.15 0.03 300 268 Average 3 3688.00 42.64 74.00 -31.36 38.03 29.75 8.36 33.65 0.15 -- -- Peak 4 4610.00 44.07 74.00 -29.93 36.40 31.94 9.39 33.75 0.09 -- -- Peak 5 7376.00 48.05 74.00 -25.95 35.15 37.20 11.72 36.08 0.06 -- -- Peak 6 8298.00 48.04 74.00 -25.96 35.31 36.90 12.78 36.98 0.03 -- -- Peak

Mode	10	
	LF	
	11ah_CH12_908MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 HORIZONTAL Mode : 10 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 36.79 20.30 40.00 -19.70 30.32 21.19 0.85 32.18 0.12 -- -- Peak 2 128.94 32.42 43.50 -11.08 45.08 17.67 1.59 32.10 0.18 -- -- Peak 3 244.37 45.54 46.00 -0.46 57.40 17.75 2.20 31.98 0.17 100 289 QP 4 331.67 29.73 46.00 -16.27 39.14 19.86 2.53 31.98 0.18 -- -- Peak 5 341.37 45.62 ------ ------ 54.73 20.13 2.57 31.98 0.17 100 345 Peak 6 402.48 36.85 46.00 -9.15 43.90 21.89 2.78 31.90 0.18 -- -- Peak 7 439.34 48.04 ------ ------ 54.26 22.63 2.90 31.93 0.18 200 40 Peak 8 536.34 39.92 ------ ------ 44.32 24.21 3.21 32.01 0.19 162 360 Peak 9 609.09 28.54 46.00 -17.46 31.21 25.69 3.43 32.00 0.21 -- -- Peak 10 908.00 105.97 ------ ------ 103.90 28.94 4.12 31.25 0.26 137 360 Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 VERTICAL Mode : 10 Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 37.76 21.26 40.00 -18.74 31.71 20.74 0.86 32.17 0.12 -- -- Peak 2 132.82 27.50 43.50 -16.00 40.00 17.77 1.63 32.10 0.20 -- -- Peak 3 244.37 40.33 46.00 -5.67 52.19 17.75 2.20 31.98 0.17 166 360 QP 4 328.76 26.46 46.00 -19.54 36.00 19.74 2.52 31.98 0.18 -- -- Peak 5 341.37 42.55 ------ ------ 51.66 20.13 2.57 31.98 0.17 200 198 Peak 6 410.24 32.56 46.00 -13.44 39.31 22.18 2.80 31.91 0.18 -- -- Peak 7 439.34 45.92 ------ ------ 52.14 22.63 2.90 31.93 0.18 100 81 Peak 8 536.34 41.83 ------ ------ 46.23 24.21 3.21 32.01 0.19 100 296 Peak 9 611.03 27.06 46.00 -18.94 29.65 25.77 3.43 32.00 0.21 -- -- Peak 10 908.00 101.23 ------ ------ 99.26 28.86 4.12 31.26 0.25 200 293 Peak

Note 1: The marker 5, 7 and 8 of horizontal test plot are outside the restricted bands and the emission levels are more than 20 dB below the fundamental emission.

Note 2: The marker 5, 7 and 8 of vertical test plot are outside the restricted bands and the emission levels are more than 20 dB below the fundamental emission.

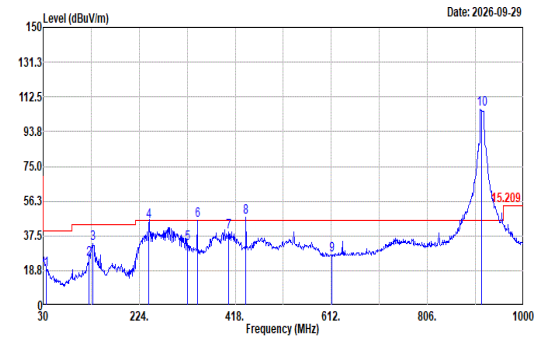
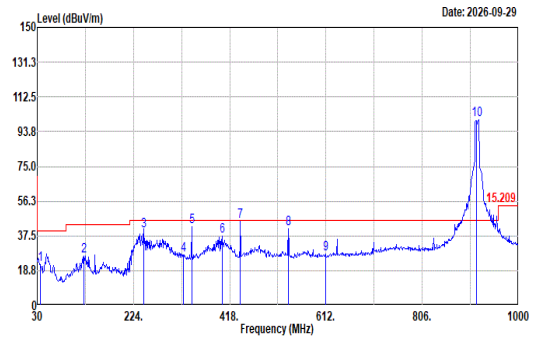
Mode	10	
	Harmonic	
	11ah_CH12_908MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES HORIZONTAL	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL

Horizontal:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2724.00	48.69	74.00	-25.31	46.90	27.78	7.13	33.16	0.04	100	288	Peak
2	2724.00	34.65	54.00	-19.35	32.86	27.78	7.13	33.16	0.04	100	288	Average
3	3632.00	41.97	74.00	-32.03	37.65	29.53	8.32	33.65	0.12	--	--	Peak
4	4540.00	43.79	74.00	-30.21	36.26	31.88	9.34	33.79	0.10	--	--	Peak
5	5448.00	45.41	74.00	-28.59	36.65	32.60	10.34	34.25	0.07	--	--	Peak
6	7264.00	48.01	74.00	-25.99	35.26	37.00	11.72	36.00	0.03	--	--	Peak
7	8172.00	48.10	74.00	-25.90	35.28	36.90	12.72	36.88	0.08	--	--	Peak

Vertical:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2724.00	47.08	74.00	-26.92	45.29	27.78	7.13	33.16	0.04	300	244	Peak
2	2724.00	33.80	54.00	-20.20	32.01	27.78	7.13	33.16	0.04	300	244	Average
3	3632.00	41.82	74.00	-32.18	37.50	29.53	8.32	33.65	0.12	--	--	Peak
4	4540.00	44.20	74.00	-29.80	36.67	31.88	9.34	33.79	0.10	--	--	Peak
5	5448.00	44.83	74.00	-29.17	36.07	32.60	10.34	34.25	0.07	--	--	Peak
6	7264.00	47.76	74.00	-26.24	35.01	37.00	11.72	36.00	0.03	--	--	Peak
7	8172.00	48.05	74.00	-25.95	35.23	36.90	12.72	36.88	0.08	--	--	Peak
8	9080.00	49.11	74.00	-24.89	36.38	37.30	13.22	37.93	0.14	--	--	Peak

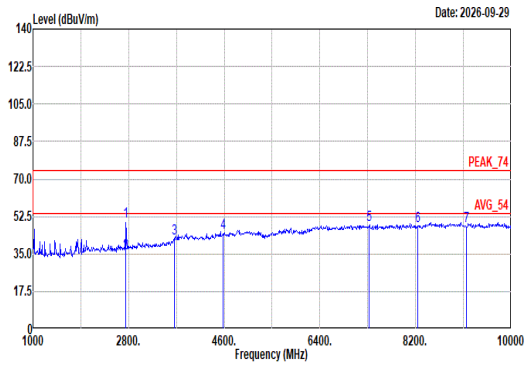
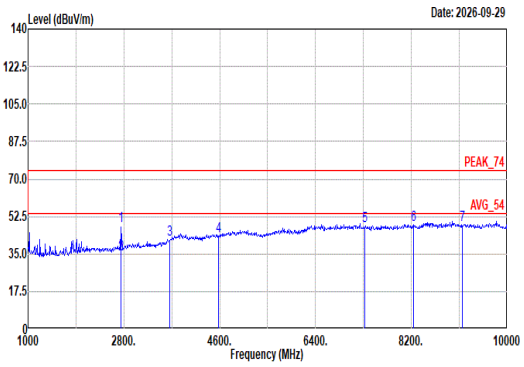
Mode	11	
	LF	
	11ah_CH28_916MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 HORIZONTAL Mode : 11	 Site : 03CH13-HY Condition: 15.209 3m BILOG_40103 VERTICAL Mode : 11

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	36.79	19.48	40.00	-20.52	29.50	21.19	0.85	32.18	0.12	--	--	Peak
2	122.15	24.78	43.50	-18.72	37.50	17.71	1.53	32.11	0.15	--	--	Peak
3	130.88	33.22	43.50	-10.28	45.79	17.73	1.61	32.10	0.19	--	--	Peak
4	243.75	45.27	46.00	-0.73	57.13	17.75	2.20	31.98	0.17	100	301	QP
5	321.97	33.63	46.00	-12.37	43.40	19.53	2.49	31.98	0.19	--	--	Peak
6	341.37	45.92	------	------	55.03	20.13	2.57	31.98	0.17	100	326	Peak
7	404.42	39.86	46.00	-6.14	46.86	21.93	2.79	31.90	0.18	--	--	Peak
8	439.34	47.63	------	------	53.85	22.63	2.90	31.93	0.18	200	24	Peak
9	612.97	27.27	46.00	-18.73	29.80	25.82	3.44	32.00	0.21	--	--	Peak
10	916.00	106.12	------	------	103.70	29.18	4.14	31.17	0.27	149	360	Peak

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	36.79	21.87	40.00	-18.13	31.89	21.19	0.85	32.18	0.12	--	--	Peak
2	124.09	26.63	43.50	-16.87	39.27	17.76	1.55	32.11	0.16	--	--	Peak
3	244.37	40.26	46.00	-5.74	52.12	17.75	2.20	31.98	0.17	156	360	QP
4	324.88	27.44	46.00	-18.56	37.14	19.59	2.50	31.98	0.19	--	--	Peak
5	341.37	42.41	------	------	51.52	20.13	2.57	31.98	0.17	200	199	Peak
6	402.48	37.59	46.00	-8.41	44.64	21.89	2.78	31.90	0.18	--	--	Peak
7	439.34	45.55	------	------	51.77	22.63	2.90	31.93	0.18	100	84	Peak
8	536.34	41.04	------	------	45.44	24.21	3.21	32.01	0.19	100	39	Peak
9	611.03	27.46	46.00	-18.54	30.05	25.77	3.43	32.00	0.21	--	--	Peak
10	916.00	99.92	------	------	97.48	29.17	4.14	31.14	0.27	200	290	Peak

Note 1: The marker 6 and 8 of horizontal test plot are outside the restricted bands and the emission levels are more than 20 dB below the fundamental emission.

Note 2: The marker 5, 7 and 8 of vertical test plot are outside the restricted bands and the emission levels are more than 20 dB below the fundamental emission.

Mode	11	
	Harmonic	
	11ah_CH28_916MHz	
ANT	1	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES HORIZONTAL	 Site : 03CH13-HY Condition: PEAK_74 3m DRH18-E_DU2F13A18ES VERTICAL

Horizontal:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2748.00	50.37	74.00	-23.63	48.42	27.90	7.17	33.16	0.04	100	290	Peak
2	2748.00	35.62	54.00	-18.38	33.67	27.90	7.17	33.16	0.04	100	290	Average
3	3664.00	42.37	74.00	-31.63	37.88	29.66	8.34	33.65	0.14	--	--	Peak
4	4580.00	45.07	74.00	-28.93	37.49	31.90	9.35	33.76	0.09	--	--	Peak
5	7328.00	48.37	74.00	-25.63	35.54	37.11	11.72	36.05	0.05	--	--	Peak
6	8244.00	48.01	74.00	-25.99	35.31	36.81	12.78	36.94	0.05	--	--	Peak
7	9160.00	48.17	74.00	-25.83	35.60	37.24	13.27	38.07	0.13	--	--	Peak

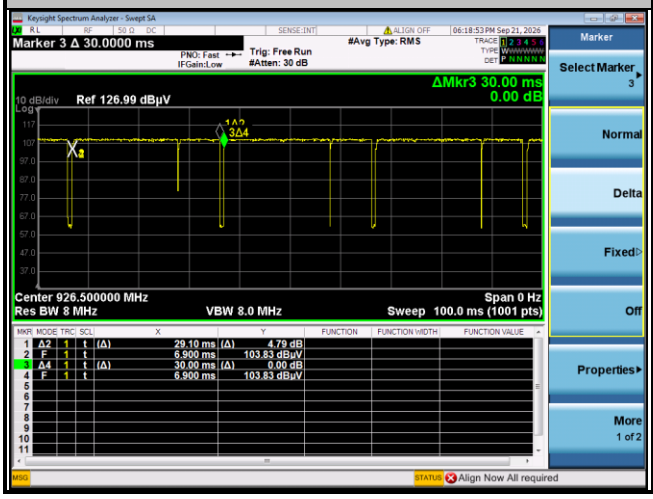
Vertical:

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	2748.00	48.20	74.00	-25.80	46.25	27.90	7.17	33.16	0.04	300	260	Peak
2	2748.00	34.93	54.00	-19.07	32.98	27.90	7.17	33.16	0.04	300	260	Average
3	3664.00	41.91	74.00	-32.09	37.42	29.66	8.34	33.65	0.14	--	--	Peak
4	4580.00	43.45	74.00	-30.55	35.87	31.90	9.35	33.76	0.09	--	--	Peak
5	7328.00	47.85	74.00	-26.15	35.02	37.11	11.72	36.05	0.05	--	--	Peak
6	8244.00	48.34	74.00	-25.66	35.64	36.81	12.78	36.94	0.05	--	--	Peak
7	9160.00	48.45	74.00	-25.55	35.88	37.24	13.27	38.07	0.13	--	--	Peak

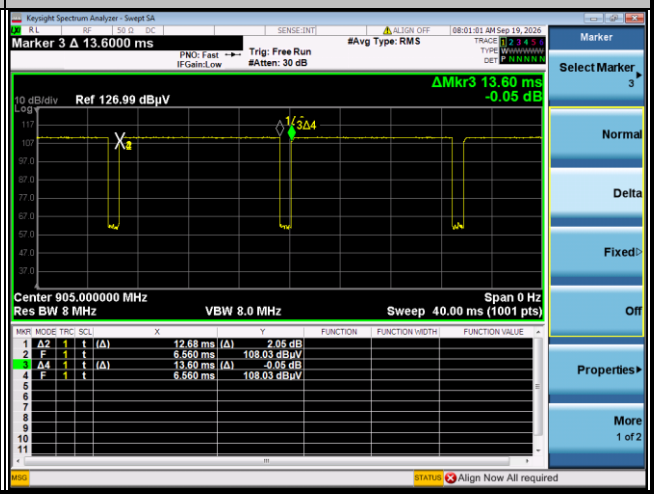
Appendix C. Duty Cycle Plots

Band	Duty Cycle (%)	T(us)	1/T(kHz)	VBW Setting
11ah 1M	96.90	29100	0.03	100Hz
11ah 2M	93.24	12680	0.08	100Hz
11ah 4M	87.15	6240	0.16	200Hz
11ah 8M	76.52	3030	0.33	360Hz

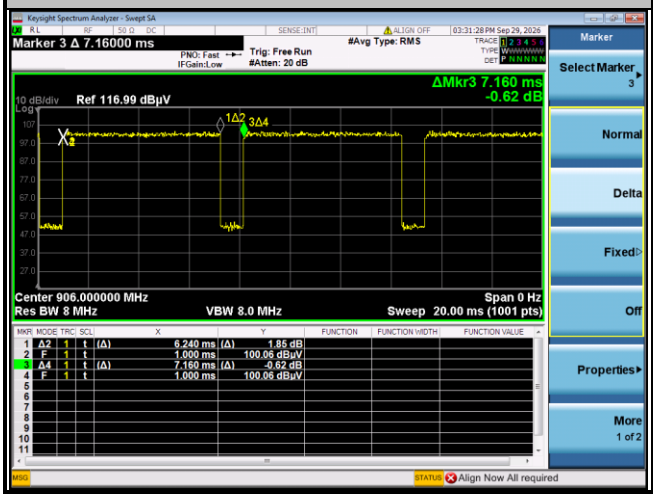
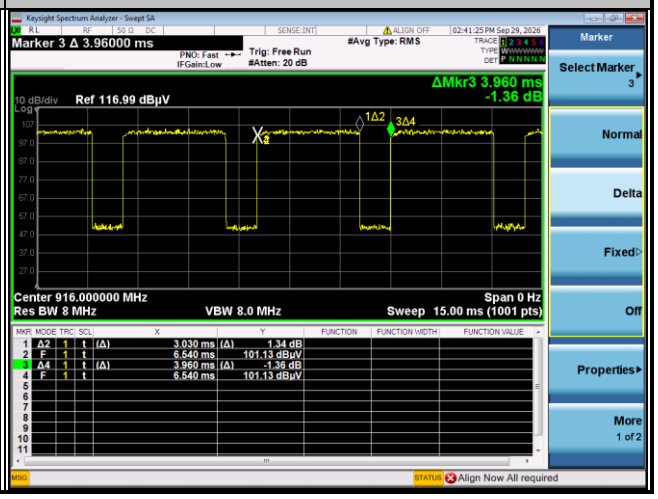
11ah 1M



11ah 2M



11ah 4M



11ah 8M