

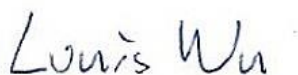


FCC CO-LOCATION RADIO TEST REPORT

FCC ID : 2AEUP-5DYFA2
Equipment : Video Doorbell
Brand Name : ring 
Model Name : 5DFYA2
Applicant : Ring LLC
12515 Cerise Ave, Hawthorne, CA 90250, USA
Manufacturer : Ring LLC
12515 Cerise Ave, Hawthorne, CA 90250, USA
Standard : FCC Part 15 Subpart C §15.247
FCC Part 15 Subpart E §15.407

The product was received on Sep. 10, 2025 and testing was performed from Sep. 12, 2025 to Sep. 15, 2025. 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 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.



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.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Modification of EUT	5
1.3 Testing Location	6
1.4 Applicable Standards.....	6
2 Test Configuration of Equipment Under Test	7
2.1 Test mode.....	7
2.2 Connection Diagram of Test System.....	8
2.3 EUT Operation Test Setup	8
3 Test Result	9
3.1 Unwanted Emissions Measurement	9
3.2 Antenna Requirements	15
4 List of Measuring Equipment.....	16
5 Measurement Uncertainty	20
Appendix A. Radiated Spurious Emission Test Data	
Appendix B. Duty Cycle Plots	
Appendix C. Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FR550659-01H	01	Initial issue of report	Sep. 26, 2025
FR550659-01H	02	Revise appendix B This report is an updated version, replacing the report issued on Sep. 26, 2025.	Sep. 30, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.247(d) 15.407(b)	Unwanted Emissions	Pass	-
3.2	15.203	Antenna Requirement	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: Keven Cheng

Report Producer: Dara Chiu

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs Bluetooth-LE ,Lora ,Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, and Wi-Fi 5GHz 802.11a/n/ac/ax and 24GHz Radar.	
Antenna Type Bluetooth-LE: IFA Antenna WLAN: <Ant 1>: IFA Antenna <Ant 2>: IFA Antenna 24GHz Radar: Patch antenna Lora: IFA Antenna	

Antenna information		
2400 MHz ~ 2483.5 MHz	Peak Gain (dBi)	Bluetooth-LE: 3.0 WLAN: Ant. 1: 0.5 Ant. 2: 0.5
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 1: 3.0 Ant. 2: 3.1
24.05 GHz ~ 24.25 GHz	Peak Gain (dBi)	2.0
902~928MHz	Peak Gain (dBi)	0.5

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

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

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.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	Sporton Site No. 03CH13-HY, 03CH23-HY

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

FCC designation No.: TW3786

1.4 Applicable Standards

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

- ♦ FCC Part 15 Subpart E §15.407
- ♦ FCC Part 15 Subpart C §15.247
- ♦ FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ ANSI C63.10-2020

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.



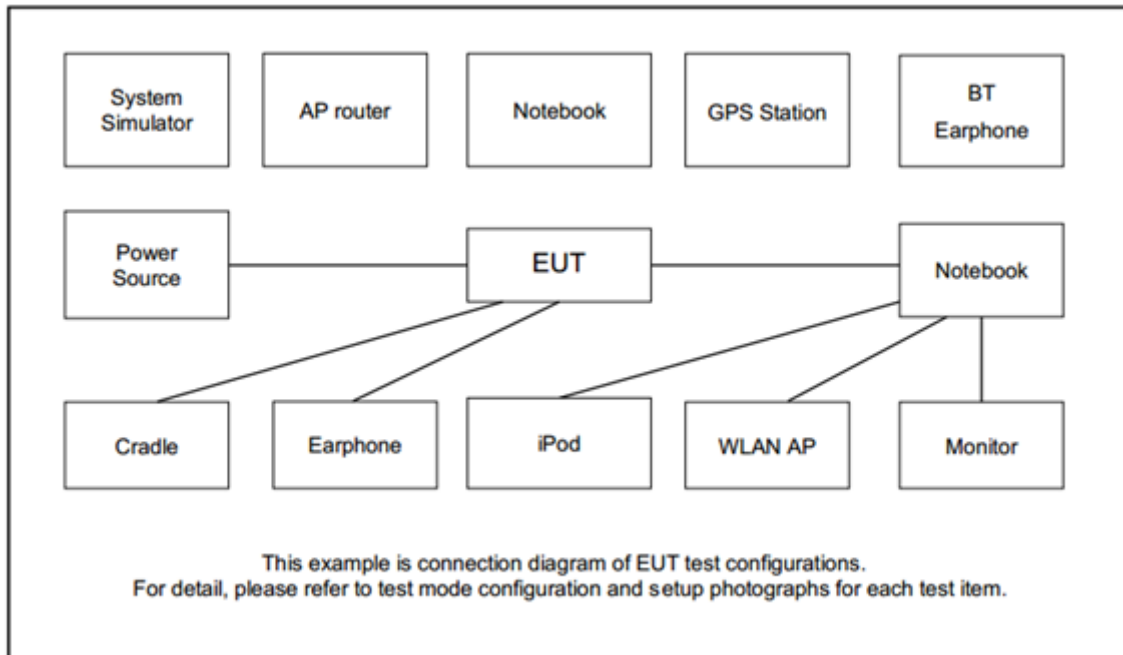
2 Test Configuration of Equipment Under Test

- 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 Test mode

The detailed Radiated test modes are shown in Appendix A

2.2 Connection Diagram of Test System



2.3 EUT Operation Test Setup

The RF test items, utility “Tera tern” 、”Compliance” and “J-Link RTT Viewer” were 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 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.1.1 Limit of Unwanted Emissions

<For 902 MHz ~ 928 MHz and 2400 MHz ~ 2483.5 MHz>

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.

<For 5250 MHz ~ 5350 MHz>

- (1) For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.
- (2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table:

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

Note: The following formula is used to convert the EIRP to field strength.

$$E = \frac{1000000\sqrt{30P}}{3} \quad \mu\text{V/m, where P is the eirp (Watts)}$$

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3



(3) KDB789033 D02 v02r01 G)2)c)

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

<For 2400 MHz ~ 2483.5 MHz>

1. 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 $\geq$ RBW; Sweep = auto; Detector function = peak;
Trace = max hold;

(3) Set RBW = 1 MHz, VBW = 3 MHz for $f \geq 1$ GHz for peak measurement.

For average measurement:

- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW $\geq 1/T$, 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.

<For 5250 MHz ~ 5350 MHz>

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Section G) Unwanted emissions measurement.

(1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

- RBW = 120 kHz
- VBW = 300 kHz
- Detector = Peak
- Trace mode = max hold

(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

- RBW = 1 MHz
- VBW ≥ 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

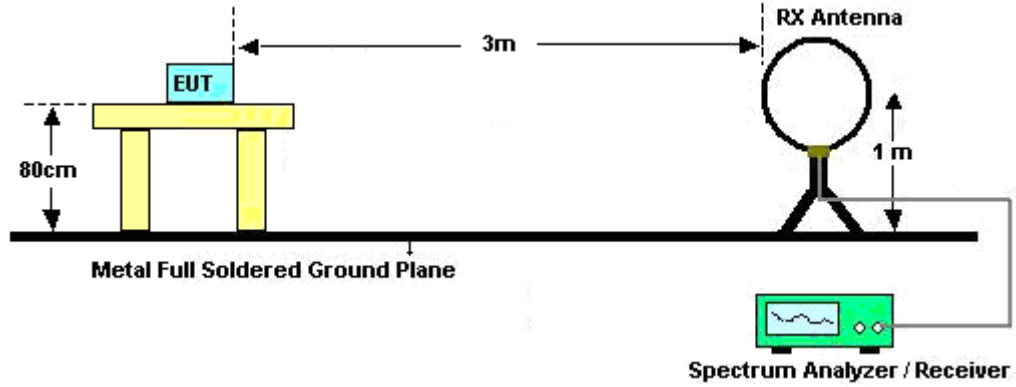


(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

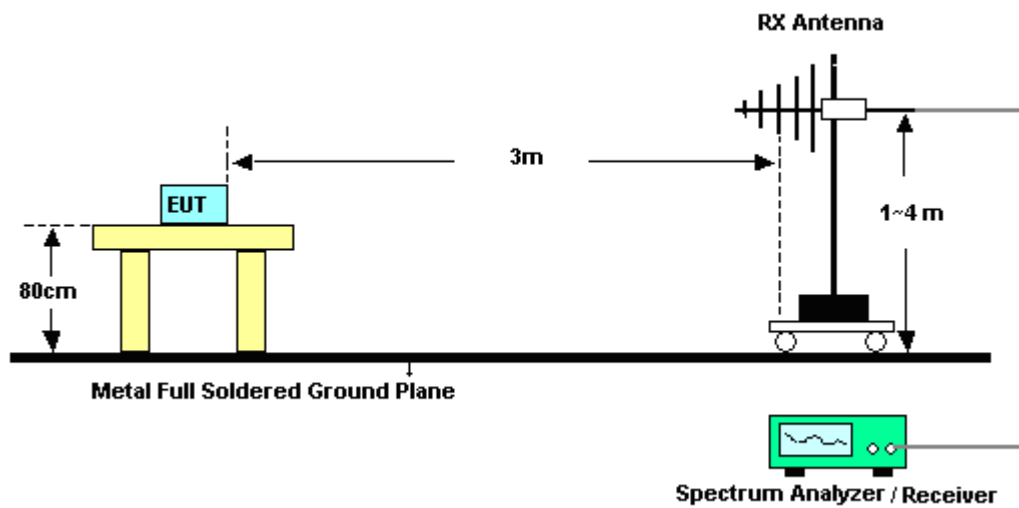
- $RBW = 1 \text{ MHz}$
 - $VBW = 10 \text{ Hz}$, when duty cycle is no less than 98 percent.
 - $VBW \geq 1/T$, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. 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.
 3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
 4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
 5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
 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 “-”.

3.1.4 Test Setup

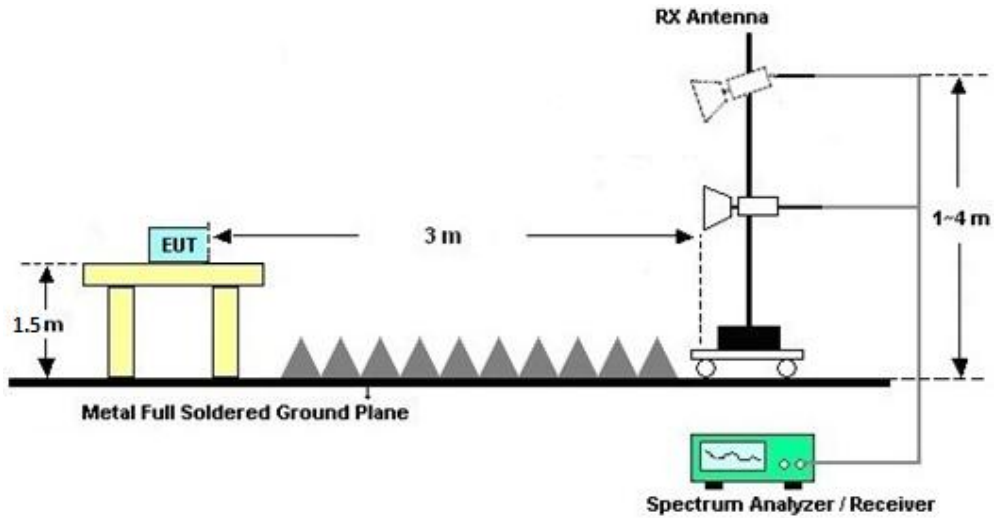
For radiated emissions below 30MHz



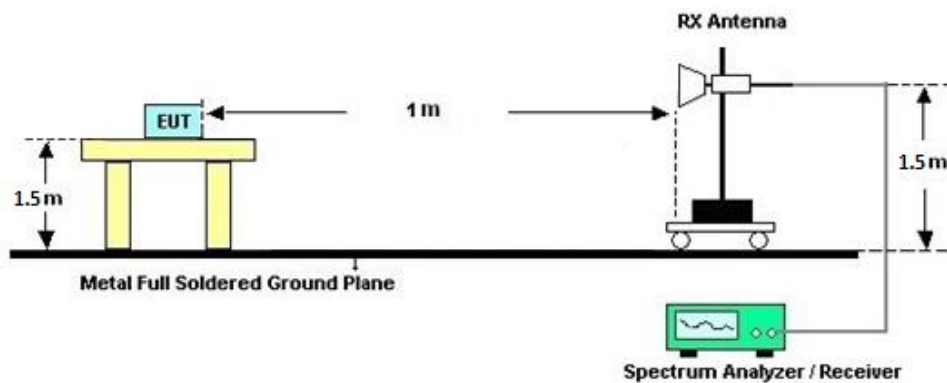
For radiated emissions from 30MHz to 1GHz



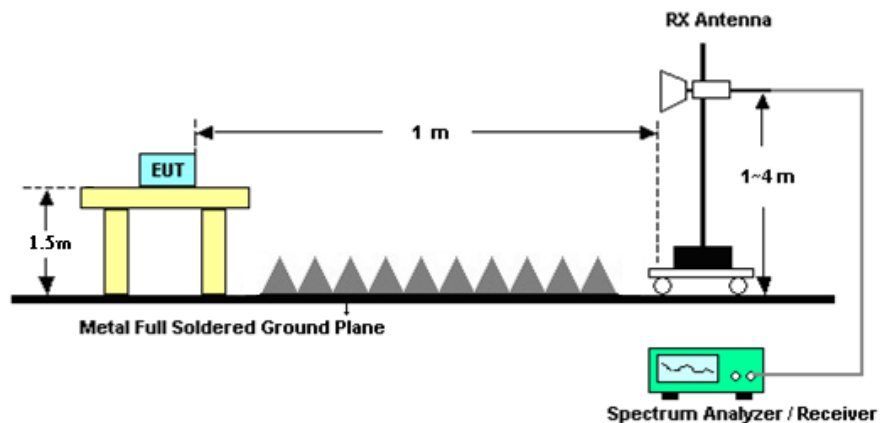
For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



<For radiated emissions from 18 ~ 40GHz>



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

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 came out very similar.

3.1.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix A.

3.1.7 Duty Cycle

Please refer to Appendix D.

3.1.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix A.



3.2 Antenna Requirements

3.2.1 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.

3.2.2 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-Z2E	101108	9 kHz~30 MHz	Dec. 18, 2024	Sep. 12, 2025 ~ Sep. 15, 2025	Dec. 17, 2025	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 05, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Mar. 04, 2026	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 02, 2024	Sep. 12, 2025 ~ Sep. 15, 2025	Dec. 01, 2025	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz~40GHz	Nov. 18, 2024	Sep. 12, 2025 ~ Sep. 15, 2025	Nov. 17, 2025	Radiation (03CH13-HY)
Notch Filter	Wainwright	WLKS1200-12 SS	SN2	1.2GHz Low Pass Filter	Mar. 12, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Mar. 11, 2026	Radiation (03CH13-HY)
Amplifier	SONOMA	310N	187282	9kHz~1GHz	Dec. 12, 2024	Sep. 12, 2025 ~ Sep. 15, 2025	Dec. 11, 2025	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N- 06	40103 & 07	30MHz~1GHz	Apr. 13, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Apr. 12, 2026	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303A	TP215159	N/A	Sep. 08, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Sep. 07, 2026	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-00101 800-30-10P	1590074	1GHz~18GHz	May. 14, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	May. 13, 2026	Radiation (03CH13-HY)
Preamplifier	EM Electronics	EM01G18G	060803	1GHz~18GHz	Jan. 08, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Jan. 07, 2026	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Jan. 11, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Jan. 10, 2026	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX12-900-1 000-15000-60S S	SN11	1GHz High Pass Filter	Mar. 12, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Mar. 11, 2026	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX12-2700- 3000-18000-60 SS	SN2	3GHz High Pass Filter	Jul. 08, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Jul. 07, 2026	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX8-5872.5 -6750-18000-40 ST	SN5	6.75GHz High Pass Filter	Mar. 07, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Mar. 06, 2026	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102E	508408-2E	30MHz~40GHz	Jun. 16, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Jun. 15, 2026	Radiation (03CH13-HY)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 06, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Feb. 05, 2026	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30MHz~18GHz	Feb. 06, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Feb. 05, 2026	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 12, 2025 ~ Sep. 15, 2025	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Sep. 12, 2025 ~ Sep. 15, 2025	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Sep. 12, 2025 ~ Sep. 15, 2025	N/A	Radiation (03CH13-HY)
Software	Audix	N/A	RK-001124	N/A	N/A	Sep. 12, 2025 ~ Sep. 15, 2025	N/A	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02038	1GHz~18GHz	Aug. 07, 2025	Sep. 12, 2025 ~ Sep. 15, 2025	Aug. 06, 2026	Radiation (03CH13-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~ 30 MHz	Dec. 18, 2024	Sep. 12, 2025~ Sep. 15, 2025	Dec. 17, 2025	Radiation (03CH23-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	62028 & 003	30MHz~1GHz	Nov. 27, 2024	Sep. 12, 2025~ Sep. 15, 2025	Nov. 26, 2025	Radiation (03CH23-HY)
Amplifier	SONOMA	310N	421582	9kHz~1GHz	Jul. 13, 2025	Sep. 12, 2025~ Sep. 15, 2025	Jul. 12 2026	Radiation (03CH23-HY)
Amplifier	EMEC	EM01G18GA	060878	N/A	Sep. 27, 2024	Sep. 12, 2025~ Sep. 15, 2025	Sep. 26, 2025	Radiation (03CH23-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C05A18 EN	1GHz~18GHz	Jul. 02, 2025	Sep. 12, 2025~ Sep. 15, 2025	Jul. 01, 2026	Radiation (03CH23-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1225	18GHz~40GHz	Jul. 02, 2025	Sep. 12, 2025~ Sep. 15, 2025	Jul. 01, 2026	Radiation (03CH23-HY)
Preamplifier	EMEC	EM18G40G	060873	18GHz~ 40GHz	Aug. 26, 2025	Sep. 12, 2025~ Sep. 15, 2025	Aug. 25, 2026	Radiation (03CH23-HY)
Signal Analyzer	Keysight	N9010B	MY6217033 7	N/A	Aug. 26, 2025	Sep. 12, 2025~ Sep. 15, 2025	Aug. 25, 2026	Radiation (03CH23-HY)
Hygrometer	TECPEL	DTM-303A	TP211542	N/A	Oct. 21, 2024	Sep. 12, 2025~ Sep. 15, 2025	Oct. 20, 2025	Radiation (03CH23-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 12, 2025~ Sep. 15, 2025	N/A	Radiation (03CH23-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Sep. 12, 2025~ Sep. 15, 2025	N/A	Radiation (03CH23-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Sep. 12, 2025~ Sep. 15, 2025	N/A	Radiation (03CH23-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Software	Audix	E3 6.09824_2019 122	RK-002348	N/A	N/A	Sep. 12, 2025~ Sep. 15, 2025	N/A	Radiation (03CH23-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804395/2	N/A	Nov. 26, 2024	Sep. 12, 2025~ Sep. 15, 2025	Nov. 25, 2025	Radiation (03CH23-HY)
RF Cable	EMC	EMC101Y	231115/2311 19/231122	N/A	Nov. 26, 2024	Sep. 12, 2025~ Sep. 15, 2025	Nov. 25, 2025	Radiation (03CH23-HY)

5 Measurement Uncertainty

<03ch13-HY>

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.30 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.50 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.80 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.10 dB
---	---------

<03ch23-HY>

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% ($U = 2Uc(y)$)	5.40 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.8 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.70 dB
---	---------



Appendix A. Radiated Spurious Emission Test Data

Test Engineer :	Rain Lee, Jacky Hong and White Hou	Relative Humidity :	20~26 °C
		Temperature :	40~65 %



Appendix A1. Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency (MHz)	Data Rate	RU	Remark
Mode 2	902~928	DBS	Bluetooth-LE_GSKF(1M)+ Lora 500kbps DTS SF7 + 24G Radar	15	914.5	-	-	-
Mode 3	902~928	DBS	WLAN 2.4G 802.11ax HE20+ Lora 500kbps DTS SF7 + 24G Radar	15	914.5	-	-	-
Mode 4	902~928	DBS	WLAN 5G 802.11ax HE20+ Lora 500kbps DTS SF7+ 24G Radar	15	914.5	-	-	-

**A1-1. Summary of each worse mode**

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
2	Lora 500kbps DTS SF7	--	2743.5	49.64	54.00	-4.36	V	Avg.	Pass	-	Harmonic
	Lora 500kbps DTS SF7	--	612.97	38.79	46	-7.21	V	Peak	Pass	-	LF
3	Lora 500kbps DTS SF7	--	2743.5	51.03	54.00	-2.97	V	Avg.	Pass	-	Harmonic
	Lora 500kbps DTS SF7	--	613.94	38.53	46.00	-7.47	V	Peak	Pass	-	LF
4	Lora 500kbps DTS SF7	--	2743.5	50.68	54.00	-3.32	V	Avg	Pass		Harmonic
	Lora 500kbps DTS SF7	--	31.94	33.49	40.00	-6.51	V	Peak	Pass		LF



Mode	2																																																																																																																																																																																																																													
	Harmonic																																																																																																																																																																																																																													
	Bluetooth-LE_GSKF(1M)+																																																																																																																																																																																																																													
	Lora 500kbps DTS SF7 CH15 +																																																																																																																																																																																																																													
	24G Radar																																																																																																																																																																																																																													
ANT	DBS																																																																																																																																																																																																																													
Pol.	Horizontal	Vertical																																																																																																																																																																																																																												
Peak	Level (dBuV/m) Date: 2025-09-12 Site : 03CH13-HY Condition: PEAK_74 3m 91200_02038 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>2743.50</td><td>56.56</td><td>74.00</td><td>-17.44</td><td>47.95</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18 300 90 Peak</td></tr><tr><td>2</td><td>2743.50</td><td>48.34</td><td>54.00</td><td>-5.66</td><td>39.73</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18 300 90 Average</td></tr><tr><td>3</td><td>3658.00</td><td>41.73</td><td>74.00</td><td>-32.27</td><td>61.26</td><td>29.70</td><td>8.48</td><td>58.72</td><td>1.01 -- -- Peak</td></tr><tr><td>4</td><td>4572.50</td><td>39.88</td><td>74.00</td><td>-34.12</td><td>56.97</td><td>31.65</td><td>9.47</td><td>58.93</td><td>0.72 -- -- Peak</td></tr><tr><td>5</td><td>7316.00</td><td>45.96</td><td>74.00</td><td>-28.04</td><td>54.16</td><td>36.67</td><td>12.15</td><td>57.68</td><td>0.66 -- -- Peak</td></tr><tr><td>6</td><td>8230.50</td><td>46.26</td><td>74.00</td><td>-27.74</td><td>52.96</td><td>36.92</td><td>12.93</td><td>57.07</td><td>0.52 -- -- Peak</td></tr><tr><td>7</td><td>9145.00</td><td>45.90</td><td>74.00</td><td>-28.10</td><td>50.82</td><td>37.51</td><td>13.69</td><td>56.75</td><td>0.63 -- -- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	2743.50	56.56	74.00	-17.44	47.95	28.40	7.04	36.94	0.18 300 90 Peak	2	2743.50	48.34	54.00	-5.66	39.73	28.40	7.04	36.94	0.18 300 90 Average	3	3658.00	41.73	74.00	-32.27	61.26	29.70	8.48	58.72	1.01 -- -- Peak	4	4572.50	39.88	74.00	-34.12	56.97	31.65	9.47	58.93	0.72 -- -- Peak	5	7316.00	45.96	74.00	-28.04	54.16	36.67	12.15	57.68	0.66 -- -- Peak	6	8230.50	46.26	74.00	-27.74	52.96	36.92	12.93	57.07	0.52 -- -- Peak	7	9145.00	45.90	74.00	-28.10	50.82	37.51	13.69	56.75	0.63 -- -- Peak	Level (dBuV/m) Date: 2025-09-12 Site : 03CH13-HY Condition: PEAK_74 3m 91200_02038 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th></th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>1036.00</td><td>55.46</td><td>74.00</td><td>-18.54</td><td>50.73</td><td>25.24</td><td>4.26</td><td>36.78</td><td>2.12 109 104 Peak</td></tr><tr><td>2</td><td>1036.00</td><td>45.02</td><td>54.00</td><td>-8.98</td><td>40.29</td><td>25.24</td><td>4.26</td><td>36.78</td><td>2.12 109 104 Average</td></tr><tr><td>3</td><td>2743.50</td><td>57.27</td><td>74.00</td><td>-16.73</td><td>48.66</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18 100 299 Peak</td></tr><tr><td>4</td><td>2743.50</td><td>49.64</td><td>54.00</td><td>-4.36</td><td>41.03</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18 100 299 Average</td></tr><tr><td>5</td><td>3658.00</td><td>42.14</td><td>74.00</td><td>-31.86</td><td>61.67</td><td>29.70</td><td>8.48</td><td>58.72</td><td>1.01 -- -- Peak</td></tr><tr><td>6</td><td>4572.50</td><td>40.62</td><td>74.00</td><td>-33.38</td><td>57.71</td><td>31.65</td><td>9.47</td><td>58.93</td><td>0.72 -- -- Peak</td></tr><tr><td>7</td><td>7316.00</td><td>45.27</td><td>74.00</td><td>-28.73</td><td>53.47</td><td>36.67</td><td>12.15</td><td>57.68</td><td>0.66 -- -- Peak</td></tr><tr><td>8</td><td>8230.50</td><td>43.64</td><td>74.00</td><td>-30.36</td><td>50.34</td><td>36.92</td><td>12.93</td><td>57.07</td><td>0.52 -- -- Peak</td></tr><tr><td>9</td><td>9145.00</td><td>44.82</td><td>74.00</td><td>-29.18</td><td>49.74</td><td>37.51</td><td>13.69</td><td>56.75</td><td>0.63 -- -- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos		Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	1036.00	55.46	74.00	-18.54	50.73	25.24	4.26	36.78	2.12 109 104 Peak	2	1036.00	45.02	54.00	-8.98	40.29	25.24	4.26	36.78	2.12 109 104 Average	3	2743.50	57.27	74.00	-16.73	48.66	28.40	7.04	36.94	0.18 100 299 Peak	4	2743.50	49.64	54.00	-4.36	41.03	28.40	7.04	36.94	0.18 100 299 Average	5	3658.00	42.14	74.00	-31.86	61.67	29.70	8.48	58.72	1.01 -- -- Peak	6	4572.50	40.62	74.00	-33.38	57.71	31.65	9.47	58.93	0.72 -- -- Peak	7	7316.00	45.27	74.00	-28.73	53.47	36.67	12.15	57.68	0.66 -- -- Peak	8	8230.50	43.64	74.00	-30.36	50.34	36.92	12.93	57.07	0.52 -- -- Peak	9	9145.00	44.82	74.00	-29.18	49.74	37.51	13.69	56.75	0.63 -- -- Peak
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																																																																																																																																						
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark																																																																																																																																																																																																																					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																																					
1	2743.50	56.56	74.00	-17.44	47.95	28.40	7.04	36.94	0.18 300 90 Peak																																																																																																																																																																																																																					
2	2743.50	48.34	54.00	-5.66	39.73	28.40	7.04	36.94	0.18 300 90 Average																																																																																																																																																																																																																					
3	3658.00	41.73	74.00	-32.27	61.26	29.70	8.48	58.72	1.01 -- -- Peak																																																																																																																																																																																																																					
4	4572.50	39.88	74.00	-34.12	56.97	31.65	9.47	58.93	0.72 -- -- Peak																																																																																																																																																																																																																					
5	7316.00	45.96	74.00	-28.04	54.16	36.67	12.15	57.68	0.66 -- -- Peak																																																																																																																																																																																																																					
6	8230.50	46.26	74.00	-27.74	52.96	36.92	12.93	57.07	0.52 -- -- Peak																																																																																																																																																																																																																					
7	9145.00	45.90	74.00	-28.10	50.82	37.51	13.69	56.75	0.63 -- -- Peak																																																																																																																																																																																																																					
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos																																																																																																																																																																																																																						
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor	Remark																																																																																																																																																																																																																					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																																					
1	1036.00	55.46	74.00	-18.54	50.73	25.24	4.26	36.78	2.12 109 104 Peak																																																																																																																																																																																																																					
2	1036.00	45.02	54.00	-8.98	40.29	25.24	4.26	36.78	2.12 109 104 Average																																																																																																																																																																																																																					
3	2743.50	57.27	74.00	-16.73	48.66	28.40	7.04	36.94	0.18 100 299 Peak																																																																																																																																																																																																																					
4	2743.50	49.64	54.00	-4.36	41.03	28.40	7.04	36.94	0.18 100 299 Average																																																																																																																																																																																																																					
5	3658.00	42.14	74.00	-31.86	61.67	29.70	8.48	58.72	1.01 -- -- Peak																																																																																																																																																																																																																					
6	4572.50	40.62	74.00	-33.38	57.71	31.65	9.47	58.93	0.72 -- -- Peak																																																																																																																																																																																																																					
7	7316.00	45.27	74.00	-28.73	53.47	36.67	12.15	57.68	0.66 -- -- Peak																																																																																																																																																																																																																					
8	8230.50	43.64	74.00	-30.36	50.34	36.92	12.93	57.07	0.52 -- -- Peak																																																																																																																																																																																																																					
9	9145.00	44.82	74.00	-29.18	49.74	37.51	13.69	56.75	0.63 -- -- Peak																																																																																																																																																																																																																					



Mode	2																																																																																																																																																																																																									
	Co-location LF																																																																																																																																																																																																									
	Bluetooth-LE_GSKF(1M)+																																																																																																																																																																																																									
	Lora 500kbps DTS SF7 CH15 +																																																																																																																																																																																																									
	24G Radar																																																																																																																																																																																																									
ANT	DBS																																																																																																																																																																																																									
Pol.	Horizontal	Vertical																																																																																																																																																																																																								
QP/ Peak	Level (dBuV/m) Date: 2025-09-13 Site : 03CH13-HY Condition: QP 3m 81L06_40103 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>31.94</td><td>32.52</td><td>40.00</td><td>-7.48</td><td>30.31</td><td>23.51</td><td>0.79</td><td>32.00</td><td>0.06 -- -- Peak</td></tr><tr><td>2</td><td>148.34</td><td>29.23</td><td>43.50</td><td>-14.27</td><td>32.26</td><td>17.34</td><td>1.62</td><td>31.92</td><td>0.08 -- -- Peak</td></tr><tr><td>3</td><td>264.74</td><td>30.94</td><td>46.00</td><td>-15.06</td><td>30.44</td><td>20.11</td><td>2.15</td><td>31.75</td><td>0.12 -- -- Peak</td></tr><tr><td>4</td><td>471.35</td><td>36.38</td><td>46.00</td><td>-9.62</td><td>31.74</td><td>23.53</td><td>2.86</td><td>31.75</td><td>0.11 -- -- Peak</td></tr><tr><td>5</td><td>613.94</td><td>38.40</td><td>46.00</td><td>-7.60</td><td>30.92</td><td>25.99</td><td>3.29</td><td>31.82</td><td>0.13 -- -- Peak</td></tr><tr><td>6</td><td>914.50</td><td>111.02</td><td>-----</td><td>-----</td><td>98.63</td><td>29.24</td><td>4.00</td><td>30.97</td><td>0.19 201 276 Peak</td></tr><tr><td>7</td><td>974.78</td><td>45.13</td><td>54.00</td><td>-8.87</td><td>30.40</td><td>30.90</td><td>4.12</td><td>30.42</td><td>0.22 -- -- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	31.94	32.52	40.00	-7.48	30.31	23.51	0.79	32.00	0.06 -- -- Peak	2	148.34	29.23	43.50	-14.27	32.26	17.34	1.62	31.92	0.08 -- -- Peak	3	264.74	30.94	46.00	-15.06	30.44	20.11	2.15	31.75	0.12 -- -- Peak	4	471.35	36.38	46.00	-9.62	31.74	23.53	2.86	31.75	0.11 -- -- Peak	5	613.94	38.40	46.00	-7.60	30.92	25.99	3.29	31.82	0.13 -- -- Peak	6	914.50	111.02	-----	-----	98.63	29.24	4.00	30.97	0.19 201 276 Peak	7	974.78	45.13	54.00	-8.87	30.40	30.90	4.12	30.42	0.22 -- -- Peak	Level (dBuV/m) Date: 2025-09-13 Site : 03CH13-HY Condition: QP 3m 81L06_40103 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>32.91</td><td>32.70</td><td>40.00</td><td>-7.30</td><td>31.02</td><td>22.95</td><td>0.80</td><td>32.00</td><td>0.08 -- -- Peak</td></tr><tr><td>2</td><td>146.40</td><td>28.56</td><td>43.50</td><td>-14.94</td><td>31.44</td><td>17.50</td><td>1.61</td><td>31.92</td><td>0.08 -- -- Peak</td></tr><tr><td>3</td><td>263.77</td><td>30.30</td><td>46.00</td><td>-15.70</td><td>29.63</td><td>20.27</td><td>2.15</td><td>31.74</td><td>0.12 -- -- Peak</td></tr><tr><td>4</td><td>501.42</td><td>35.38</td><td>46.00</td><td>-10.62</td><td>30.25</td><td>23.97</td><td>2.95</td><td>31.80</td><td>0.11 -- -- Peak</td></tr><tr><td>5</td><td>612.97</td><td>38.79</td><td>46.00</td><td>-7.21</td><td>31.33</td><td>25.98</td><td>3.28</td><td>31.82</td><td>0.13 -- -- Peak</td></tr><tr><td>6</td><td>914.50</td><td>120.39</td><td>-----</td><td>-----</td><td>108.00</td><td>29.24</td><td>4.00</td><td>30.97</td><td>0.19 113 147 Peak</td></tr><tr><td>7</td><td>979.63</td><td>46.54</td><td>54.00</td><td>-7.46</td><td>31.87</td><td>30.78</td><td>4.13</td><td>30.37</td><td>0.22 -- -- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	32.91	32.70	40.00	-7.30	31.02	22.95	0.80	32.00	0.08 -- -- Peak	2	146.40	28.56	43.50	-14.94	31.44	17.50	1.61	31.92	0.08 -- -- Peak	3	263.77	30.30	46.00	-15.70	29.63	20.27	2.15	31.74	0.12 -- -- Peak	4	501.42	35.38	46.00	-10.62	30.25	23.97	2.95	31.80	0.11 -- -- Peak	5	612.97	38.79	46.00	-7.21	31.33	25.98	3.28	31.82	0.13 -- -- Peak	6	914.50	120.39	-----	-----	108.00	29.24	4.00	30.97	0.19 113 147 Peak	7	979.63	46.54	54.00	-7.46	31.87	30.78	4.13	30.37	0.22 -- -- Peak
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																	
1	31.94	32.52	40.00	-7.48	30.31	23.51	0.79	32.00	0.06 -- -- Peak																																																																																																																																																																																																	
2	148.34	29.23	43.50	-14.27	32.26	17.34	1.62	31.92	0.08 -- -- Peak																																																																																																																																																																																																	
3	264.74	30.94	46.00	-15.06	30.44	20.11	2.15	31.75	0.12 -- -- Peak																																																																																																																																																																																																	
4	471.35	36.38	46.00	-9.62	31.74	23.53	2.86	31.75	0.11 -- -- Peak																																																																																																																																																																																																	
5	613.94	38.40	46.00	-7.60	30.92	25.99	3.29	31.82	0.13 -- -- Peak																																																																																																																																																																																																	
6	914.50	111.02	-----	-----	98.63	29.24	4.00	30.97	0.19 201 276 Peak																																																																																																																																																																																																	
7	974.78	45.13	54.00	-8.87	30.40	30.90	4.12	30.42	0.22 -- -- Peak																																																																																																																																																																																																	
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																	
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																	
1	32.91	32.70	40.00	-7.30	31.02	22.95	0.80	32.00	0.08 -- -- Peak																																																																																																																																																																																																	
2	146.40	28.56	43.50	-14.94	31.44	17.50	1.61	31.92	0.08 -- -- Peak																																																																																																																																																																																																	
3	263.77	30.30	46.00	-15.70	29.63	20.27	2.15	31.74	0.12 -- -- Peak																																																																																																																																																																																																	
4	501.42	35.38	46.00	-10.62	30.25	23.97	2.95	31.80	0.11 -- -- Peak																																																																																																																																																																																																	
5	612.97	38.79	46.00	-7.21	31.33	25.98	3.28	31.82	0.13 -- -- Peak																																																																																																																																																																																																	
6	914.50	120.39	-----	-----	108.00	29.24	4.00	30.97	0.19 113 147 Peak																																																																																																																																																																																																	
7	979.63	46.54	54.00	-7.46	31.87	30.78	4.13	30.37	0.22 -- -- Peak																																																																																																																																																																																																	

Remark: The unwanted signal falls within the non-restricted band and meet the requirements of 15.247 (d).

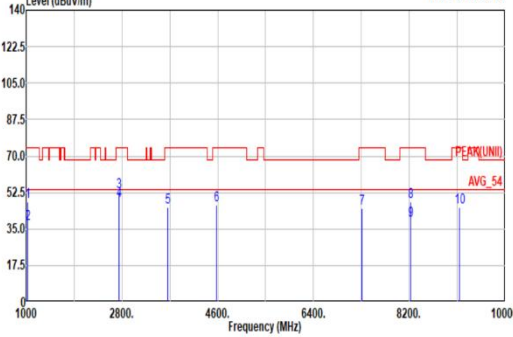
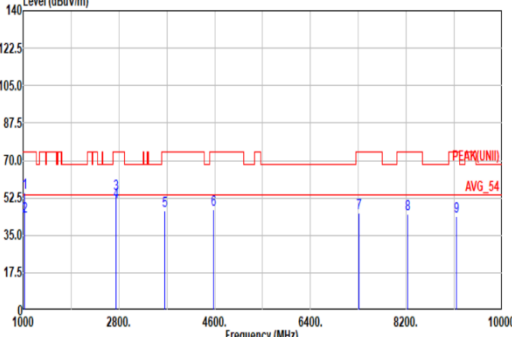


Mode	3																																																																																																																																																																																																																													
	Harmonic																																																																																																																																																																																																																													
	802.11ax HE20+																																																																																																																																																																																																																													
	Lora 500kbps DTS SF7 CH15 + 24G Radar																																																																																																																																																																																																																													
ANT	DBS																																																																																																																																																																																																																													
Pol.	Horizontal	Vertical																																																																																																																																																																																																																												
Peak Avg	Date: 2025-09-12 Site : 03CH13-HY Condition: PEAK_74 3m 91200_02038 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 2743.50</td><td>57.15</td><td>74.00</td><td>-16.85</td><td>48.54</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18</td><td>342 89 Peak</td></tr><tr><td>2 2743.50</td><td>48.98</td><td>54.00</td><td>-5.02</td><td>40.37</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18</td><td>342 89 Average</td></tr><tr><td>3 3658.00</td><td>40.03</td><td>74.00</td><td>-33.97</td><td>59.56</td><td>29.70</td><td>8.48</td><td>58.72</td><td>1.01</td><td>-- -- Peak</td></tr><tr><td>4 4572.50</td><td>41.06</td><td>74.00</td><td>-32.94</td><td>58.15</td><td>31.65</td><td>9.47</td><td>58.93</td><td>0.72</td><td>-- -- Peak</td></tr><tr><td>5 7316.00</td><td>45.25</td><td>74.00</td><td>-28.75</td><td>53.45</td><td>36.67</td><td>12.15</td><td>57.68</td><td>0.66</td><td>-- -- Peak</td></tr><tr><td>6 8230.50</td><td>46.35</td><td>74.00</td><td>-27.65</td><td>53.05</td><td>36.92</td><td>12.93</td><td>57.07</td><td>0.52</td><td>-- -- Peak</td></tr><tr><td>7 9145.00</td><td>46.45</td><td>74.00</td><td>-27.55</td><td>51.37</td><td>37.51</td><td>13.69</td><td>56.75</td><td>0.63</td><td>-- -- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 2743.50	57.15	74.00	-16.85	48.54	28.40	7.04	36.94	0.18	342 89 Peak	2 2743.50	48.98	54.00	-5.02	40.37	28.40	7.04	36.94	0.18	342 89 Average	3 3658.00	40.03	74.00	-33.97	59.56	29.70	8.48	58.72	1.01	-- -- Peak	4 4572.50	41.06	74.00	-32.94	58.15	31.65	9.47	58.93	0.72	-- -- Peak	5 7316.00	45.25	74.00	-28.75	53.45	36.67	12.15	57.68	0.66	-- -- Peak	6 8230.50	46.35	74.00	-27.65	53.05	36.92	12.93	57.07	0.52	-- -- Peak	7 9145.00	46.45	74.00	-27.55	51.37	37.51	13.69	56.75	0.63	-- -- Peak	Date: 2025-09-12 Site : 03CH13-HY Condition: PEAK_74 3m 91200_02038 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1 1832.00</td><td>56.41</td><td>74.00</td><td>-17.59</td><td>51.61</td><td>25.28</td><td>4.26</td><td>36.77</td><td>2.14</td><td>100 81 Peak</td></tr><tr><td>2 1832.00</td><td>45.38</td><td>54.00</td><td>-8.62</td><td>40.58</td><td>25.28</td><td>4.26</td><td>36.77</td><td>2.14</td><td>100 81 Average</td></tr><tr><td>3 2743.50</td><td>57.65</td><td>74.00</td><td>-16.35</td><td>49.04</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18</td><td>100 346 Peak</td></tr><tr><td>4 2743.50</td><td>51.03</td><td>54.00</td><td>-2.97</td><td>42.42</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18</td><td>100 346 Average</td></tr><tr><td>5 3658.00</td><td>42.15</td><td>74.00</td><td>-31.85</td><td>61.68</td><td>29.70</td><td>8.48</td><td>58.72</td><td>1.01</td><td>-- -- Peak</td></tr><tr><td>6 4572.50</td><td>39.92</td><td>74.00</td><td>-34.08</td><td>57.01</td><td>31.65</td><td>9.47</td><td>58.93</td><td>0.72</td><td>-- -- Peak</td></tr><tr><td>7 7316.00</td><td>45.41</td><td>74.00</td><td>-28.59</td><td>53.61</td><td>36.67</td><td>12.15</td><td>57.68</td><td>0.66</td><td>-- -- Peak</td></tr><tr><td>8 8230.50</td><td>44.40</td><td>74.00</td><td>-29.60</td><td>51.10</td><td>36.92</td><td>12.93</td><td>57.07</td><td>0.52</td><td>-- -- Peak</td></tr><tr><td>9 9145.00</td><td>45.84</td><td>74.00</td><td>-28.16</td><td>50.76</td><td>37.51</td><td>13.69</td><td>56.75</td><td>0.63</td><td>-- -- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1 1832.00	56.41	74.00	-17.59	51.61	25.28	4.26	36.77	2.14	100 81 Peak	2 1832.00	45.38	54.00	-8.62	40.58	25.28	4.26	36.77	2.14	100 81 Average	3 2743.50	57.65	74.00	-16.35	49.04	28.40	7.04	36.94	0.18	100 346 Peak	4 2743.50	51.03	54.00	-2.97	42.42	28.40	7.04	36.94	0.18	100 346 Average	5 3658.00	42.15	74.00	-31.85	61.68	29.70	8.48	58.72	1.01	-- -- Peak	6 4572.50	39.92	74.00	-34.08	57.01	31.65	9.47	58.93	0.72	-- -- Peak	7 7316.00	45.41	74.00	-28.59	53.61	36.67	12.15	57.68	0.66	-- -- Peak	8 8230.50	44.40	74.00	-29.60	51.10	36.92	12.93	57.07	0.52	-- -- Peak	9 9145.00	45.84	74.00	-28.16	50.76	37.51	13.69	56.75	0.63	-- -- Peak
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																					
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																																						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																																					
1 2743.50	57.15	74.00	-16.85	48.54	28.40	7.04	36.94	0.18	342 89 Peak																																																																																																																																																																																																																					
2 2743.50	48.98	54.00	-5.02	40.37	28.40	7.04	36.94	0.18	342 89 Average																																																																																																																																																																																																																					
3 3658.00	40.03	74.00	-33.97	59.56	29.70	8.48	58.72	1.01	-- -- Peak																																																																																																																																																																																																																					
4 4572.50	41.06	74.00	-32.94	58.15	31.65	9.47	58.93	0.72	-- -- Peak																																																																																																																																																																																																																					
5 7316.00	45.25	74.00	-28.75	53.45	36.67	12.15	57.68	0.66	-- -- Peak																																																																																																																																																																																																																					
6 8230.50	46.35	74.00	-27.65	53.05	36.92	12.93	57.07	0.52	-- -- Peak																																																																																																																																																																																																																					
7 9145.00	46.45	74.00	-27.55	51.37	37.51	13.69	56.75	0.63	-- -- Peak																																																																																																																																																																																																																					
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																					
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																																						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																																																					
1 1832.00	56.41	74.00	-17.59	51.61	25.28	4.26	36.77	2.14	100 81 Peak																																																																																																																																																																																																																					
2 1832.00	45.38	54.00	-8.62	40.58	25.28	4.26	36.77	2.14	100 81 Average																																																																																																																																																																																																																					
3 2743.50	57.65	74.00	-16.35	49.04	28.40	7.04	36.94	0.18	100 346 Peak																																																																																																																																																																																																																					
4 2743.50	51.03	54.00	-2.97	42.42	28.40	7.04	36.94	0.18	100 346 Average																																																																																																																																																																																																																					
5 3658.00	42.15	74.00	-31.85	61.68	29.70	8.48	58.72	1.01	-- -- Peak																																																																																																																																																																																																																					
6 4572.50	39.92	74.00	-34.08	57.01	31.65	9.47	58.93	0.72	-- -- Peak																																																																																																																																																																																																																					
7 7316.00	45.41	74.00	-28.59	53.61	36.67	12.15	57.68	0.66	-- -- Peak																																																																																																																																																																																																																					
8 8230.50	44.40	74.00	-29.60	51.10	36.92	12.93	57.07	0.52	-- -- Peak																																																																																																																																																																																																																					
9 9145.00	45.84	74.00	-28.16	50.76	37.51	13.69	56.75	0.63	-- -- Peak																																																																																																																																																																																																																					



Mode	3																																																																																																																																																																																																																																																					
	Co-location LF																																																																																																																																																																																																																																																					
	802.11ax HE20+																																																																																																																																																																																																																																																					
	Lora 500kbps DTS SF7 CH15 +																																																																																																																																																																																																																																																					
	24G Radar																																																																																																																																																																																																																																																					
ANT	DBS																																																																																																																																																																																																																																																					
Pol.	Horizontal	Vertical																																																																																																																																																																																																																																																				
QP/ Peak	Level (dBuV/m) Date: 2025-09-13 Site : 03CH13-HY Condition: QP 3m 81LOG_40103 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>32.91</td><td>32.27</td><td>40.00</td><td>-7.73</td><td>30.59</td><td>22.95</td><td>0.80</td><td>32.00</td><td>0.08</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>184.23</td><td>29.16</td><td>43.50</td><td>-14.34</td><td>34.30</td><td>14.95</td><td>1.79</td><td>31.84</td><td>0.10</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>260.86</td><td>30.57</td><td>46.00</td><td>-15.43</td><td>30.04</td><td>20.15</td><td>2.13</td><td>31.74</td><td>0.12</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>492.69</td><td>35.89</td><td>46.00</td><td>-10.11</td><td>30.88</td><td>23.86</td><td>2.93</td><td>31.79</td><td>0.11</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>611.03</td><td>37.39</td><td>46.00</td><td>-8.61</td><td>29.94</td><td>25.96</td><td>3.28</td><td>31.81</td><td>0.13</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>914.50</td><td>111.33</td><td>-----</td><td>-----</td><td>98.94</td><td>29.24</td><td>4.00</td><td>30.97</td><td>0.19</td><td>197</td><td>274</td><td>Peak</td></tr><tr><td>7</td><td>964.11</td><td>45.13</td><td>54.00</td><td>-8.87</td><td>30.30</td><td>31.14</td><td>4.09</td><td>30.53</td><td>0.21</td><td>--</td><td>--</td><td>Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	32.91	32.27	40.00	-7.73	30.59	22.95	0.80	32.00	0.08	--	--	Peak	2	184.23	29.16	43.50	-14.34	34.30	14.95	1.79	31.84	0.10	--	--	Peak	3	260.86	30.57	46.00	-15.43	30.04	20.15	2.13	31.74	0.12	--	--	Peak	4	492.69	35.89	46.00	-10.11	30.88	23.86	2.93	31.79	0.11	--	--	Peak	5	611.03	37.39	46.00	-8.61	29.94	25.96	3.28	31.81	0.13	--	--	Peak	6	914.50	111.33	-----	-----	98.94	29.24	4.00	30.97	0.19	197	274	Peak	7	964.11	45.13	54.00	-8.87	30.30	31.14	4.09	30.53	0.21	--	--	Peak	Level (dBuV/m) Date: 2025-09-13 Site : 03CH13-HY Condition: QP 3m 81LOG_40103 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>30.97</td><td>32.47</td><td>40.00</td><td>-7.53</td><td>29.61</td><td>24.18</td><td>0.78</td><td>32.00</td><td>0.05</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>152.22</td><td>28.36</td><td>43.50</td><td>-15.14</td><td>31.66</td><td>17.03</td><td>1.64</td><td>31.91</td><td>0.09</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>262.80</td><td>31.19</td><td>46.00</td><td>-14.81</td><td>30.57</td><td>20.23</td><td>2.14</td><td>31.74</td><td>0.12</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>444.19</td><td>35.54</td><td>46.00</td><td>-10.46</td><td>31.51</td><td>22.96</td><td>2.78</td><td>31.71</td><td>0.11</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>613.94</td><td>38.53</td><td>46.00</td><td>-7.47</td><td>31.05</td><td>25.99</td><td>3.29</td><td>31.82</td><td>0.13</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>914.50</td><td>120.43</td><td>-----</td><td>-----</td><td>108.04</td><td>29.24</td><td>4.00</td><td>30.97</td><td>0.19</td><td>120</td><td>149</td><td>Peak</td></tr><tr><td>7</td><td>970.90</td><td>45.99</td><td>54.00</td><td>-8.01</td><td>31.38</td><td>30.83</td><td>4.11</td><td>30.46</td><td>0.22</td><td>--</td><td>--</td><td>Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	30.97	32.47	40.00	-7.53	29.61	24.18	0.78	32.00	0.05	--	--	Peak	2	152.22	28.36	43.50	-15.14	31.66	17.03	1.64	31.91	0.09	--	--	Peak	3	262.80	31.19	46.00	-14.81	30.57	20.23	2.14	31.74	0.12	--	--	Peak	4	444.19	35.54	46.00	-10.46	31.51	22.96	2.78	31.71	0.11	--	--	Peak	5	613.94	38.53	46.00	-7.47	31.05	25.99	3.29	31.82	0.13	--	--	Peak	6	914.50	120.43	-----	-----	108.04	29.24	4.00	30.97	0.19	120	149	Peak	7	970.90	45.99	54.00	-8.01	31.38	30.83	4.11	30.46	0.22	--	--	Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																																												
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																																																														
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																																																																																												
1	32.91	32.27	40.00	-7.73	30.59	22.95	0.80	32.00	0.08	--	--	Peak																																																																																																																																																																																																																																										
2	184.23	29.16	43.50	-14.34	34.30	14.95	1.79	31.84	0.10	--	--	Peak																																																																																																																																																																																																																																										
3	260.86	30.57	46.00	-15.43	30.04	20.15	2.13	31.74	0.12	--	--	Peak																																																																																																																																																																																																																																										
4	492.69	35.89	46.00	-10.11	30.88	23.86	2.93	31.79	0.11	--	--	Peak																																																																																																																																																																																																																																										
5	611.03	37.39	46.00	-8.61	29.94	25.96	3.28	31.81	0.13	--	--	Peak																																																																																																																																																																																																																																										
6	914.50	111.33	-----	-----	98.94	29.24	4.00	30.97	0.19	197	274	Peak																																																																																																																																																																																																																																										
7	964.11	45.13	54.00	-8.87	30.30	31.14	4.09	30.53	0.21	--	--	Peak																																																																																																																																																																																																																																										
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																																													
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																																																														
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																																																																																												
1	30.97	32.47	40.00	-7.53	29.61	24.18	0.78	32.00	0.05	--	--	Peak																																																																																																																																																																																																																																										
2	152.22	28.36	43.50	-15.14	31.66	17.03	1.64	31.91	0.09	--	--	Peak																																																																																																																																																																																																																																										
3	262.80	31.19	46.00	-14.81	30.57	20.23	2.14	31.74	0.12	--	--	Peak																																																																																																																																																																																																																																										
4	444.19	35.54	46.00	-10.46	31.51	22.96	2.78	31.71	0.11	--	--	Peak																																																																																																																																																																																																																																										
5	613.94	38.53	46.00	-7.47	31.05	25.99	3.29	31.82	0.13	--	--	Peak																																																																																																																																																																																																																																										
6	914.50	120.43	-----	-----	108.04	29.24	4.00	30.97	0.19	120	149	Peak																																																																																																																																																																																																																																										
7	970.90	45.99	54.00	-8.01	31.38	30.83	4.11	30.46	0.22	--	--	Peak																																																																																																																																																																																																																																										
Remark: The unwanted signal falls within the non-restricted band and meet the requirements of 15.247 (d).																																																																																																																																																																																																																																																						



Mode	4																																																																																																																																																																																																																																																																																																																
	Harmonic																																																																																																																																																																																																																																																																																																																
	802.11ax HE20+																																																																																																																																																																																																																																																																																																																
	Lora 500kbps DTS SF7 CH15 + 24G Radar																																																																																																																																																																																																																																																																																																																
ANT	DBS																																																																																																																																																																																																																																																																																																																
Pol.	Horizontal	Vertical																																																																																																																																																																																																																																																																																																															
Peak Avg	Level (dBuV/m) Date: 2025-09-13  Site : 03CH13-HY Condition: PEAK(UNIT) 3m 91200_02038 HORIZONTAL <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1832.00</td><td>48.16</td><td>74.00</td><td>-25.84</td><td>53.25</td><td>25.28</td><td>4.26</td><td>36.77</td><td>2.14</td><td>400</td><td>240</td><td>Peak</td></tr><tr><td>2</td><td>1832.00</td><td>37.39</td><td>54.00</td><td>-16.61</td><td>42.48</td><td>25.28</td><td>4.26</td><td>36.77</td><td>2.14</td><td>400</td><td>240</td><td>Average</td></tr><tr><td>3</td><td>2743.50</td><td>52.76</td><td>74.00</td><td>-21.24</td><td>54.08</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18</td><td>304</td><td>88</td><td>Peak</td></tr><tr><td>4</td><td>2743.50</td><td>48.77</td><td>54.00</td><td>-5.23</td><td>50.09</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18</td><td>304</td><td>88</td><td>Average</td></tr><tr><td>5</td><td>3658.00</td><td>45.54</td><td>74.00</td><td>-28.46</td><td>44.21</td><td>29.70</td><td>8.20</td><td>37.00</td><td>0.43</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>4572.50</td><td>46.28</td><td>74.00</td><td>-27.72</td><td>42.65</td><td>31.65</td><td>9.11</td><td>37.28</td><td>0.15</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>7</td><td>7316.00</td><td>44.85</td><td>74.00</td><td>-29.15</td><td>52.81</td><td>36.67</td><td>12.15</td><td>57.68</td><td>0.90</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>8</td><td>8230.50</td><td>48.30</td><td>74.00</td><td>-25.70</td><td>54.82</td><td>36.92</td><td>12.93</td><td>57.07</td><td>0.70</td><td>313</td><td>94</td><td>Peak</td></tr><tr><td>9</td><td>8230.50</td><td>39.18</td><td>54.00</td><td>-14.82</td><td>45.70</td><td>36.92</td><td>12.93</td><td>57.07</td><td>0.70</td><td>313</td><td>94</td><td>Average</td></tr><tr><td>10</td><td>9145.00</td><td>45.69</td><td>74.00</td><td>-28.31</td><td>50.73</td><td>37.51</td><td>13.69</td><td>56.75</td><td>0.51</td><td>--</td><td>--</td><td>Peak</td></tr></table>		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dB/m	dB	dB	dB	dB	dB	cm	deg	1	1832.00	48.16	74.00	-25.84	53.25	25.28	4.26	36.77	2.14	400	240	Peak	2	1832.00	37.39	54.00	-16.61	42.48	25.28	4.26	36.77	2.14	400	240	Average	3	2743.50	52.76	74.00	-21.24	54.08	28.40	7.04	36.94	0.18	304	88	Peak	4	2743.50	48.77	54.00	-5.23	50.09	28.40	7.04	36.94	0.18	304	88	Average	5	3658.00	45.54	74.00	-28.46	44.21	29.70	8.20	37.00	0.43	--	--	Peak	6	4572.50	46.28	74.00	-27.72	42.65	31.65	9.11	37.28	0.15	--	--	Peak	7	7316.00	44.85	74.00	-29.15	52.81	36.67	12.15	57.68	0.90	--	--	Peak	8	8230.50	48.30	74.00	-25.70	54.82	36.92	12.93	57.07	0.70	313	94	Peak	9	8230.50	39.18	54.00	-14.82	45.70	36.92	12.93	57.07	0.70	313	94	Average	10	9145.00	45.69	74.00	-28.31	50.73	37.51	13.69	56.75	0.51	--	--	Peak	Level (dBuV/m) Date: 2025-09-13  Site : 03CH13-HY Condition: PEAK(UNIT) 3m 91200_02038 VERTICAL <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>1832.00</td><td>54.86</td><td>74.00</td><td>-19.14</td><td>59.95</td><td>25.28</td><td>4.26</td><td>36.77</td><td>2.14</td><td>100</td><td>5</td><td>Peak</td></tr><tr><td>2</td><td>1832.00</td><td>43.72</td><td>54.00</td><td>-10.28</td><td>48.81</td><td>25.28</td><td>4.26</td><td>36.77</td><td>2.14</td><td>100</td><td>5</td><td>Average</td></tr><tr><td>3</td><td>2743.50</td><td>54.29</td><td>74.00</td><td>-19.71</td><td>55.61</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18</td><td>125</td><td>348</td><td>Peak</td></tr><tr><td>4</td><td>2743.50</td><td>50.68</td><td>54.00</td><td>-3.32</td><td>52.00</td><td>28.40</td><td>7.04</td><td>36.94</td><td>0.18</td><td>125</td><td>348</td><td>Average</td></tr><tr><td>5</td><td>3658.00</td><td>46.58</td><td>74.00</td><td>-27.42</td><td>45.25</td><td>29.70</td><td>8.20</td><td>37.00</td><td>0.43</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>4572.50</td><td>46.97</td><td>74.00</td><td>-27.03</td><td>43.34</td><td>31.65</td><td>9.11</td><td>37.28</td><td>0.15</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>7</td><td>7316.00</td><td>45.21</td><td>74.00</td><td>-28.79</td><td>53.17</td><td>36.67</td><td>12.15</td><td>57.68</td><td>0.90</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>8</td><td>8230.50</td><td>44.88</td><td>74.00</td><td>-29.12</td><td>51.40</td><td>36.92</td><td>12.93</td><td>57.07</td><td>0.70</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>9</td><td>9145.00</td><td>44.02</td><td>74.00</td><td>-29.98</td><td>49.06</td><td>37.51</td><td>13.69</td><td>56.75</td><td>0.51</td><td>--</td><td>--</td><td>Peak</td></tr></table>		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dB	dB/m	dB	dB	dB	dB	dB	cm	deg	1	1832.00	54.86	74.00	-19.14	59.95	25.28	4.26	36.77	2.14	100	5	Peak	2	1832.00	43.72	54.00	-10.28	48.81	25.28	4.26	36.77	2.14	100	5	Average	3	2743.50	54.29	74.00	-19.71	55.61	28.40	7.04	36.94	0.18	125	348	Peak	4	2743.50	50.68	54.00	-3.32	52.00	28.40	7.04	36.94	0.18	125	348	Average	5	3658.00	46.58	74.00	-27.42	45.25	29.70	8.20	37.00	0.43	--	--	Peak	6	4572.50	46.97	74.00	-27.03	43.34	31.65	9.11	37.28	0.15	--	--	Peak	7	7316.00	45.21	74.00	-28.79	53.17	36.67	12.15	57.68	0.90	--	--	Peak	8	8230.50	44.88	74.00	-29.12	51.40	36.92	12.93	57.07	0.70	--	--	Peak	9	9145.00	44.02	74.00	-29.98	49.06	37.51	13.69	56.75	0.51	--	--	Peak
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																																																																																																				
	MHz	dBuV/m	dBuV/m	dB	dB	dB/m	dB	dB	dB	dB	dB	cm	deg																																																																																																																																																																																																																																																																																																				
1	1832.00	48.16	74.00	-25.84	53.25	25.28	4.26	36.77	2.14	400	240	Peak																																																																																																																																																																																																																																																																																																					
2	1832.00	37.39	54.00	-16.61	42.48	25.28	4.26	36.77	2.14	400	240	Average																																																																																																																																																																																																																																																																																																					
3	2743.50	52.76	74.00	-21.24	54.08	28.40	7.04	36.94	0.18	304	88	Peak																																																																																																																																																																																																																																																																																																					
4	2743.50	48.77	54.00	-5.23	50.09	28.40	7.04	36.94	0.18	304	88	Average																																																																																																																																																																																																																																																																																																					
5	3658.00	45.54	74.00	-28.46	44.21	29.70	8.20	37.00	0.43	--	--	Peak																																																																																																																																																																																																																																																																																																					
6	4572.50	46.28	74.00	-27.72	42.65	31.65	9.11	37.28	0.15	--	--	Peak																																																																																																																																																																																																																																																																																																					
7	7316.00	44.85	74.00	-29.15	52.81	36.67	12.15	57.68	0.90	--	--	Peak																																																																																																																																																																																																																																																																																																					
8	8230.50	48.30	74.00	-25.70	54.82	36.92	12.93	57.07	0.70	313	94	Peak																																																																																																																																																																																																																																																																																																					
9	8230.50	39.18	54.00	-14.82	45.70	36.92	12.93	57.07	0.70	313	94	Average																																																																																																																																																																																																																																																																																																					
10	9145.00	45.69	74.00	-28.31	50.73	37.51	13.69	56.75	0.51	--	--	Peak																																																																																																																																																																																																																																																																																																					
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																																																																																																				
	MHz	dBuV/m	dBuV/m	dB	dB	dB/m	dB	dB	dB	dB	dB	cm	deg																																																																																																																																																																																																																																																																																																				
1	1832.00	54.86	74.00	-19.14	59.95	25.28	4.26	36.77	2.14	100	5	Peak																																																																																																																																																																																																																																																																																																					
2	1832.00	43.72	54.00	-10.28	48.81	25.28	4.26	36.77	2.14	100	5	Average																																																																																																																																																																																																																																																																																																					
3	2743.50	54.29	74.00	-19.71	55.61	28.40	7.04	36.94	0.18	125	348	Peak																																																																																																																																																																																																																																																																																																					
4	2743.50	50.68	54.00	-3.32	52.00	28.40	7.04	36.94	0.18	125	348	Average																																																																																																																																																																																																																																																																																																					
5	3658.00	46.58	74.00	-27.42	45.25	29.70	8.20	37.00	0.43	--	--	Peak																																																																																																																																																																																																																																																																																																					
6	4572.50	46.97	74.00	-27.03	43.34	31.65	9.11	37.28	0.15	--	--	Peak																																																																																																																																																																																																																																																																																																					
7	7316.00	45.21	74.00	-28.79	53.17	36.67	12.15	57.68	0.90	--	--	Peak																																																																																																																																																																																																																																																																																																					
8	8230.50	44.88	74.00	-29.12	51.40	36.92	12.93	57.07	0.70	--	--	Peak																																																																																																																																																																																																																																																																																																					
9	9145.00	44.02	74.00	-29.98	49.06	37.51	13.69	56.75	0.51	--	--	Peak																																																																																																																																																																																																																																																																																																					



Mode	4																																																																																																																																																																																																																																							
	Co-location LF																																																																																																																																																																																																																																							
	802.11ax HE20+																																																																																																																																																																																																																																							
	Lora 500kbps DTS SF7 CH15 + 24G Radar																																																																																																																																																																																																																																							
ANT	DBS																																																																																																																																																																																																																																							
Pol.	Horizontal	Vertical																																																																																																																																																																																																																																						
QP/ Peak	Level (dBuV/m) Date: 2025-09-13 Site : 03CH13-HY Condition: QP 3m 81LOG_40103 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>30.97</td><td>31.80</td><td>40.00</td><td>-8.20</td><td>28.94</td><td>24.18</td><td>0.78</td><td>32.00</td><td>0.05</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>148.34</td><td>31.31</td><td>43.50</td><td>-12.19</td><td>34.34</td><td>17.34</td><td>1.62</td><td>31.92</td><td>0.08</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>256.01</td><td>31.04</td><td>46.00</td><td>-14.96</td><td>31.33</td><td>19.34</td><td>2.11</td><td>31.73</td><td>0.12</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>483.96</td><td>35.76</td><td>46.00</td><td>-10.24</td><td>30.79</td><td>23.83</td><td>2.90</td><td>31.77</td><td>0.11</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>610.06</td><td>37.71</td><td>46.00</td><td>-8.29</td><td>30.29</td><td>25.93</td><td>3.28</td><td>31.81</td><td>0.13</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>914.50</td><td>112.25</td><td>-----</td><td>-----</td><td>99.06</td><td>29.24</td><td>4.00</td><td>30.97</td><td>0.19</td><td>200</td><td>273 Peak</td></tr><tr><td>7</td><td>981.57</td><td>46.16</td><td>54.00</td><td>-7.84</td><td>31.57</td><td>30.67</td><td>4.14</td><td>30.35</td><td>0.23</td><td>--</td><td>Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	30.97	31.80	40.00	-8.20	28.94	24.18	0.78	32.00	0.05	--	Peak	2	148.34	31.31	43.50	-12.19	34.34	17.34	1.62	31.92	0.08	--	Peak	3	256.01	31.04	46.00	-14.96	31.33	19.34	2.11	31.73	0.12	--	Peak	4	483.96	35.76	46.00	-10.24	30.79	23.83	2.90	31.77	0.11	--	Peak	5	610.06	37.71	46.00	-8.29	30.29	25.93	3.28	31.81	0.13	--	Peak	6	914.50	112.25	-----	-----	99.06	29.24	4.00	30.97	0.19	200	273 Peak	7	981.57	46.16	54.00	-7.84	31.57	30.67	4.14	30.35	0.23	--	Peak	Level (dBuV/m) Date: 2025-09-13 Site : 03CH13-HY Condition: QP 3m 81LOG_40103 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>31.94</td><td>33.49</td><td>40.00</td><td>-6.51</td><td>31.28</td><td>23.51</td><td>0.79</td><td>32.00</td><td>0.06</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>147.37</td><td>29.03</td><td>43.50</td><td>-14.47</td><td>31.96</td><td>17.44</td><td>1.62</td><td>31.92</td><td>0.08</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>256.98</td><td>30.30</td><td>46.00</td><td>-15.70</td><td>30.39</td><td>19.53</td><td>2.12</td><td>31.73</td><td>0.12</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>466.50</td><td>35.51</td><td>46.00</td><td>-10.49</td><td>30.90</td><td>23.51</td><td>2.85</td><td>31.75</td><td>0.11</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>612.97</td><td>38.27</td><td>46.00</td><td>-7.73</td><td>30.81</td><td>25.98</td><td>3.28</td><td>31.82</td><td>0.13</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>914.50</td><td>120.05</td><td>-----</td><td>-----</td><td>107.66</td><td>29.24</td><td>4.00</td><td>30.97</td><td>0.19</td><td>113</td><td>148 Peak</td></tr><tr><td>7</td><td>967.02</td><td>46.42</td><td>54.00</td><td>-7.58</td><td>31.68</td><td>31.01</td><td>4.10</td><td>30.50</td><td>0.21</td><td>--</td><td>Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	31.94	33.49	40.00	-6.51	31.28	23.51	0.79	32.00	0.06	--	Peak	2	147.37	29.03	43.50	-14.47	31.96	17.44	1.62	31.92	0.08	--	Peak	3	256.98	30.30	46.00	-15.70	30.39	19.53	2.12	31.73	0.12	--	Peak	4	466.50	35.51	46.00	-10.49	30.90	23.51	2.85	31.75	0.11	--	Peak	5	612.97	38.27	46.00	-7.73	30.81	25.98	3.28	31.82	0.13	--	Peak	6	914.50	120.05	-----	-----	107.66	29.24	4.00	30.97	0.19	113	148 Peak	7	967.02	46.42	54.00	-7.58	31.68	31.01	4.10	30.50	0.21	--	Peak
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																																																
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																																																																														
1	30.97	31.80	40.00	-8.20	28.94	24.18	0.78	32.00	0.05	--	Peak																																																																																																																																																																																																																													
2	148.34	31.31	43.50	-12.19	34.34	17.34	1.62	31.92	0.08	--	Peak																																																																																																																																																																																																																													
3	256.01	31.04	46.00	-14.96	31.33	19.34	2.11	31.73	0.12	--	Peak																																																																																																																																																																																																																													
4	483.96	35.76	46.00	-10.24	30.79	23.83	2.90	31.77	0.11	--	Peak																																																																																																																																																																																																																													
5	610.06	37.71	46.00	-8.29	30.29	25.93	3.28	31.81	0.13	--	Peak																																																																																																																																																																																																																													
6	914.50	112.25	-----	-----	99.06	29.24	4.00	30.97	0.19	200	273 Peak																																																																																																																																																																																																																													
7	981.57	46.16	54.00	-7.84	31.57	30.67	4.14	30.35	0.23	--	Peak																																																																																																																																																																																																																													
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																																																																
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																																																																																																														
1	31.94	33.49	40.00	-6.51	31.28	23.51	0.79	32.00	0.06	--	Peak																																																																																																																																																																																																																													
2	147.37	29.03	43.50	-14.47	31.96	17.44	1.62	31.92	0.08	--	Peak																																																																																																																																																																																																																													
3	256.98	30.30	46.00	-15.70	30.39	19.53	2.12	31.73	0.12	--	Peak																																																																																																																																																																																																																													
4	466.50	35.51	46.00	-10.49	30.90	23.51	2.85	31.75	0.11	--	Peak																																																																																																																																																																																																																													
5	612.97	38.27	46.00	-7.73	30.81	25.98	3.28	31.82	0.13	--	Peak																																																																																																																																																																																																																													
6	914.50	120.05	-----	-----	107.66	29.24	4.00	30.97	0.19	113	148 Peak																																																																																																																																																																																																																													
7	967.02	46.42	54.00	-7.58	31.68	31.01	4.10	30.50	0.21	--	Peak																																																																																																																																																																																																																													
Remark: The unwanted signal falls within the non-restricted band and meet the requirements of 15.247 (d).																																																																																																																																																																																																																																								



Appendix A2. Radiated Spurious Emission Test Modes

Test Engineer :	Leo Li, Karl Hou and Lucifer Jiang	Relative Humidity :	20.4~22.5 °C
		Temperature :	51~63 %

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency (MHz)	Data Rate	RU	Remark
Mode 7	2400-2483.5	0	Bluetooth-LE 1M CH00+ LoRa DTS 500KHz SF7 + 24G Radar	0	2402	1Mbps	-	-
Mode 13	2400-2483.5	0	Bluetooth-LE 1M CH00+ LoRa DTS 500KHz SF7 + 24G Radar	0	2402	1Mbps	-	LF

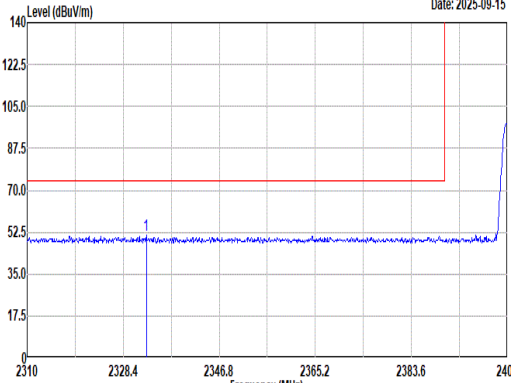
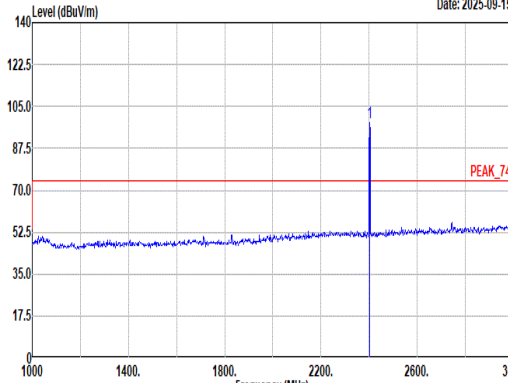
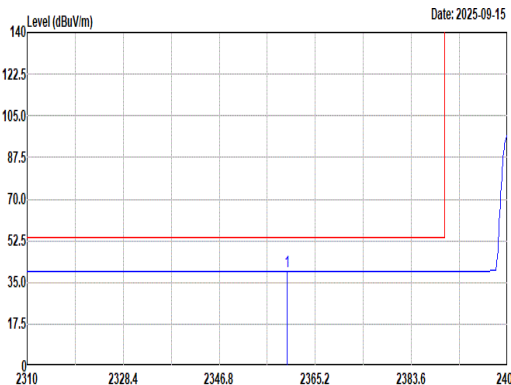
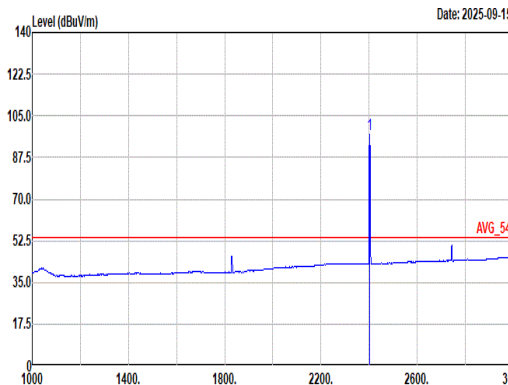
**A2-1. Summary of each worse mode**

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
7	Bluetooth-LE GSKF	00	2359.22	39.81	54.00	-14.19	H	Avg.	Pass	-	Band Edge
	Bluetooth-LE GSKF	00	8407.00	48.21	54.00	-5.79	H	Avg.	Pass	-	Harmonic
13	LF	00	737.13	39.60	46.00	-6.40	V	Peak	Pass	-	LF



	7																																																																																																
Mode	Band Edge																																																																																																
	2400-2483.5_Bluetooth-LE GSKF_CH00_2402MHz																																																																																																
ANT	0																																																																																																
Pol.	Horizontal						Fundamental																																																																																										
Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2346.09</td><td>51.34</td><td>74.00</td><td>-22.66</td><td>38.57</td><td>27.00</td><td>7.15</td><td>31.94</td><td>10.28</td><td>100</td><td>257 Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2346.09	51.34	74.00	-22.66	38.57	27.00	7.15	31.94	10.28	100	257 Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>97.19</td><td>-----</td><td>-----</td><td>84.50</td><td>26.90</td><td>7.23</td><td>31.97</td><td>10.28</td><td>100</td><td>257 Peak</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2402.00	97.19	-----	-----	84.50	26.90	7.23	31.97	10.28	100	257 Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																							
Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor																																																																																										
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																							
1	2346.09	51.34	74.00	-22.66	38.57	27.00	7.15	31.94	10.28	100	257 Peak																																																																																						
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																								
Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor																																																																																										
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																							
1	2402.00	97.19	-----	-----	84.50	26.90	7.23	31.97	10.28	100	257 Peak																																																																																						
Avg	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2359.22</td><td>39.81</td><td>54.00</td><td>-14.19</td><td>27.04</td><td>27.00</td><td>7.16</td><td>31.94</td><td>10.28</td><td>100</td><td>257 Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2359.22	39.81	54.00	-14.19	27.04	27.00	7.16	31.94	10.28	100	257 Average	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>95.98</td><td>-----</td><td>-----</td><td>83.29</td><td>26.90</td><td>7.23</td><td>31.97</td><td>10.28</td><td>100</td><td>257 Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2402.00	95.98	-----	-----	83.29	26.90	7.23	31.97	10.28	100	257 Average
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																							
Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor																																																																																										
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																							
1	2359.22	39.81	54.00	-14.19	27.04	27.00	7.16	31.94	10.28	100	257 Average																																																																																						
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																								
Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor																																																																																										
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																							
1	2402.00	95.98	-----	-----	83.29	26.90	7.23	31.97	10.28	100	257 Average																																																																																						



Mode	7																																																																																																			
	Band Edge																																																																																																			
	2400-2483.5_Bluetooth-LE GSKF_CH00_2402MHz																																																																																																			
ANT	0																																																																																																			
Pol.	Vertical						Fundamental																																																																																													
Peak	Level (dBuV/m) Date: 2025-09-15  Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2332.82</td><td>51.16</td><td>74.00</td><td>-22.84</td><td>38.33</td><td>27.07</td><td>7.12</td><td>31.93</td><td>10.28</td><td>306</td><td>322</td><td>Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2332.82	51.16	74.00	-22.84	38.33	27.07	7.12	31.93	10.28	306	322	Peak	Level (dBuV/m) Date: 2025-09-15  Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>98.20</td><td>-----</td><td>-----</td><td>85.51</td><td>26.90</td><td>7.23</td><td>31.97</td><td>10.28</td><td>306</td><td>322</td><td>Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2402.00	98.20	-----	-----	85.51	26.90	7.23	31.97	10.28	306	322	Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																										
Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor																																																																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																										
1	2332.82	51.16	74.00	-22.84	38.33	27.07	7.12	31.93	10.28	306	322	Peak																																																																																								
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																											
Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor																																																																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																										
1	2402.00	98.20	-----	-----	85.51	26.90	7.23	31.97	10.28	306	322	Peak																																																																																								
Avg	Level (dBuV/m) Date: 2025-09-15  Site : 03CH23-HY Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2359.86</td><td>39.80</td><td>54.00</td><td>-14.20</td><td>27.02</td><td>27.00</td><td>7.17</td><td>31.94</td><td>10.28</td><td>306</td><td>322</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2359.86	39.80	54.00	-14.20	27.02	27.00	7.17	31.94	10.28	306	322	Average	Level (dBuV/m) Date: 2025-09-15  Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2402.00</td><td>97.01</td><td>-----</td><td>-----</td><td>84.32</td><td>26.90</td><td>7.23</td><td>31.97</td><td>10.28</td><td>306</td><td>322</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2402.00	97.01	-----	-----	84.32	26.90	7.23	31.97	10.28	306	322	Average
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																											
Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor																																																																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																										
1	2359.86	39.80	54.00	-14.20	27.02	27.00	7.17	31.94	10.28	306	322	Average																																																																																								
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																											
Freq	Level	Line Margin	Level	Factor	Loss	Factor	Factor																																																																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																										
1	2402.00	97.01	-----	-----	84.32	26.90	7.23	31.97	10.28	306	322	Average																																																																																								



Mode	7																																																																																																																																																							
	Harmonic																																																																																																																																																							
	2400-2483.5_Bluetooth-LE GSKF_CH00_2402MHz																																																																																																																																																							
ANT	0																																																																																																																																																							
Pol.	Horizontal						Vertical																																																																																																																																																	
Peak Avg	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4804.00</td><td>45.09</td><td>74.00</td><td>-28.91</td><td>33.99</td><td>32.41</td><td>10.13</td><td>33.15</td><td>1.71</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>8407.00</td><td>54.51</td><td>74.00</td><td>-19.49</td><td>38.59</td><td>37.21</td><td>13.55</td><td>36.86</td><td>2.02</td><td>311</td><td>41</td><td>Peak</td></tr><tr><td>3</td><td>8407.00</td><td>48.21</td><td>54.00</td><td>-5.79</td><td>32.29</td><td>37.21</td><td>13.55</td><td>36.86</td><td>2.02</td><td>311</td><td>41</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4804.00	45.09	74.00	-28.91	33.99	32.41	10.13	33.15	1.71	--	--	Peak	2	8407.00	54.51	74.00	-19.49	38.59	37.21	13.55	36.86	2.02	311	41	Peak	3	8407.00	48.21	54.00	-5.79	32.29	37.21	13.55	36.86	2.02	311	41	Average	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>4804.00</td><td>46.35</td><td>74.00</td><td>-27.65</td><td>35.25</td><td>32.41</td><td>10.13</td><td>33.15</td><td>1.71</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>8407.00</td><td>53.53</td><td>74.00</td><td>-20.47</td><td>37.61</td><td>37.21</td><td>13.55</td><td>36.86</td><td>2.02</td><td>199</td><td>57</td><td>Peak</td></tr><tr><td>3</td><td>8407.00</td><td>47.39</td><td>54.00</td><td>-6.61</td><td>31.47</td><td>37.21</td><td>13.55</td><td>36.86</td><td>2.02</td><td>199</td><td>57</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	4804.00	46.35	74.00	-27.65	35.25	32.41	10.13	33.15	1.71	--	--	Peak	2	8407.00	53.53	74.00	-20.47	37.61	37.21	13.55	36.86	2.02	199	57	Peak	3	8407.00	47.39	54.00	-6.61	31.47	37.21	13.55	36.86	2.02	199	57	Average
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																														
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																														
1	4804.00	45.09	74.00	-28.91	33.99	32.41	10.13	33.15	1.71	--	--	Peak																																																																																																																																												
2	8407.00	54.51	74.00	-19.49	38.59	37.21	13.55	36.86	2.02	311	41	Peak																																																																																																																																												
3	8407.00	48.21	54.00	-5.79	32.29	37.21	13.55	36.86	2.02	311	41	Average																																																																																																																																												
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																																														
1	4804.00	46.35	74.00	-27.65	35.25	32.41	10.13	33.15	1.71	--	--	Peak																																																																																																																																												
2	8407.00	53.53	74.00	-20.47	37.61	37.21	13.55	36.86	2.02	199	57	Peak																																																																																																																																												
3	8407.00	47.39	54.00	-6.61	31.47	37.21	13.55	36.86	2.02	199	57	Average																																																																																																																																												



Mode	13																																																																																																																																																																																																																																	
	LF																																																																																																																																																																																																																																	
	2400-2483.5_Bluetooth-LE GSKF_CH00_2402MHz+ 902-928_LoRa DTS 500KHz _CH15_914.5MHz+24G Radar																																																																																																																																																																																																																																	
ANT	0																																																																																																																																																																																																																																	
Pol.	Horizontal	Vertical																																																																																																																																																																																																																																
QPI Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: QP 3m CBL6111D_62028 & 003_241127 HORIZONTAL <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>31.94</td><td>29.60</td><td>40.00</td><td>-10.40</td><td>28.35</td><td>23.57</td><td>0.65</td><td>32.57</td><td>0.02</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>151.25</td><td>27.82</td><td>43.50</td><td>-15.68</td><td>31.99</td><td>17.03</td><td>1.59</td><td>32.45</td><td>0.06</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>238.55</td><td>29.63</td><td>46.00</td><td>-16.37</td><td>30.44</td><td>20.03</td><td>1.99</td><td>32.51</td><td>0.07</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>492.69</td><td>34.27</td><td>46.00</td><td>-11.73</td><td>30.36</td><td>23.85</td><td>2.98</td><td>32.67</td><td>0.11</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>734.22</td><td>39.21</td><td>46.00</td><td>-6.79</td><td>30.53</td><td>27.84</td><td>3.66</td><td>32.59</td><td>0.13</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>995.15</td><td>42.42</td><td>54.00</td><td>-11.58</td><td>28.52</td><td>30.43</td><td>4.24</td><td>30.66</td><td>0.25</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr></tbody></table>		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg		1	31.94	29.60	40.00	-10.40	28.35	23.57	0.65	32.57	0.02	--	--	--	Peak	2	151.25	27.82	43.50	-15.68	31.99	17.03	1.59	32.45	0.06	--	--	--	Peak	3	238.55	29.63	46.00	-16.37	30.44	20.03	1.99	32.51	0.07	--	--	--	Peak	4	492.69	34.27	46.00	-11.73	30.36	23.85	2.98	32.67	0.11	--	--	--	Peak	5	734.22	39.21	46.00	-6.79	30.53	27.84	3.66	32.59	0.13	--	--	--	Peak	6	995.15	42.42	54.00	-11.58	28.52	30.43	4.24	30.66	0.25	--	--	--	Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: QP 3m CBL6111D_62028 & 003_241127 VERTICAL <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Margin</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>31.94</td><td>30.78</td><td>40.00</td><td>-9.22</td><td>29.53</td><td>23.57</td><td>0.65</td><td>32.57</td><td>0.02</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>104.69</td><td>29.41</td><td>43.50</td><td>-14.09</td><td>34.53</td><td>16.45</td><td>1.30</td><td>32.50</td><td>0.05</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>254.07</td><td>29.47</td><td>46.00</td><td>-16.53</td><td>30.15</td><td>20.10</td><td>2.06</td><td>32.52</td><td>0.07</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>4</td><td>502.39</td><td>34.01</td><td>46.00</td><td>-11.99</td><td>29.88</td><td>24.02</td><td>3.02</td><td>32.67</td><td>0.12</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>5</td><td>737.13</td><td>39.60</td><td>46.00</td><td>-6.40</td><td>30.81</td><td>27.93</td><td>3.67</td><td>32.58</td><td>0.13</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr><tr><td>6</td><td>993.21</td><td>45.14</td><td>54.00</td><td>-8.86</td><td>31.24</td><td>30.45</td><td>4.24</td><td>30.68</td><td>0.25</td><td>--</td><td>--</td><td>--</td><td>Peak</td></tr></tbody></table>		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg		1	31.94	30.78	40.00	-9.22	29.53	23.57	0.65	32.57	0.02	--	--	--	Peak	2	104.69	29.41	43.50	-14.09	34.53	16.45	1.30	32.50	0.05	--	--	--	Peak	3	254.07	29.47	46.00	-16.53	30.15	20.10	2.06	32.52	0.07	--	--	--	Peak	4	502.39	34.01	46.00	-11.99	29.88	24.02	3.02	32.67	0.12	--	--	--	Peak	5	737.13	39.60	46.00	-6.40	30.81	27.93	3.67	32.58	0.13	--	--	--	Peak	6	993.21	45.14	54.00	-8.86	31.24	30.45	4.24	30.68	0.25	--	--	--	Peak
		Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																				
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg																																																																																																																																																																																																																						
1	31.94	29.60	40.00	-10.40	28.35	23.57	0.65	32.57	0.02	--	--	--	Peak																																																																																																																																																																																																																					
2	151.25	27.82	43.50	-15.68	31.99	17.03	1.59	32.45	0.06	--	--	--	Peak																																																																																																																																																																																																																					
3	238.55	29.63	46.00	-16.37	30.44	20.03	1.99	32.51	0.07	--	--	--	Peak																																																																																																																																																																																																																					
4	492.69	34.27	46.00	-11.73	30.36	23.85	2.98	32.67	0.11	--	--	--	Peak																																																																																																																																																																																																																					
5	734.22	39.21	46.00	-6.79	30.53	27.84	3.66	32.59	0.13	--	--	--	Peak																																																																																																																																																																																																																					
6	995.15	42.42	54.00	-11.58	28.52	30.43	4.24	30.66	0.25	--	--	--	Peak																																																																																																																																																																																																																					
	Freq	Level	Limit	Line	Margin	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																																																					
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	dB	cm	deg																																																																																																																																																																																																																						
1	31.94	30.78	40.00	-9.22	29.53	23.57	0.65	32.57	0.02	--	--	--	Peak																																																																																																																																																																																																																					
2	104.69	29.41	43.50	-14.09	34.53	16.45	1.30	32.50	0.05	--	--	--	Peak																																																																																																																																																																																																																					
3	254.07	29.47	46.00	-16.53	30.15	20.10	2.06	32.52	0.07	--	--	--	Peak																																																																																																																																																																																																																					
4	502.39	34.01	46.00	-11.99	29.88	24.02	3.02	32.67	0.12	--	--	--	Peak																																																																																																																																																																																																																					
5	737.13	39.60	46.00	-6.40	30.81	27.93	3.67	32.58	0.13	--	--	--	Peak																																																																																																																																																																																																																					
6	993.21	45.14	54.00	-8.86	31.24	30.45	4.24	30.68	0.25	--	--	--	Peak																																																																																																																																																																																																																					

Remark: The unwanted signal falls within the non-restricted band and meet the requirements of 15.247 (d).



A3. Radiated Spurious Emission Test Modes

Mode	Band (MHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 26	2400-2483.5	0	802.11ax HE20+ LoRa DTS 500KHz SF7 CH 15+ 24G Radar	11	2462	MCS0	Full RU	-
Mode 31	2400-2483.5	0	802.11ax HE20+ LoRa DTS 500KHz SF7 CH 15+ 24G Radar	11	2462	MCS0	Full RU	LF

**A3-1.Summary of each worse mode**

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
26	802.11ax HE20	11	2484.95	45.67	54.00	-8.33	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	11	4291.00	49.86	54.00	-4.14	H	Avg.	Pass	Full RU	Harmonic
31	LF	11	741.01	39.60	46.00	-6.40	V	Peak	Pass	-	LF



Mode	26																																																																																																	
	Band Edge																																																																																																	
	2400-2483.5_802.11ax HE20_CH11_Full RU_2462MHz																																																																																																	
ANT	0																																																																																																	
Pol.	Horizontal						Fundamental																																																																																											
Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2483.66</td><td>61.69</td><td>74.00</td><td>-12.31</td><td>49.04</td><td>26.84</td><td>7.34</td><td>32.03</td><td>10.29</td><td>229</td><td>330 Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor						MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2483.66	61.69	74.00	-12.31	49.04	26.84	7.34	32.03	10.29	229	330 Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2462.00</td><td>107.40</td><td>-----</td><td>-----</td><td>94.79</td><td>26.80</td><td>7.31</td><td>32.01</td><td>10.29</td><td>229</td><td>330 Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor						MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2462.00	107.40	-----	-----	94.79	26.80	7.31	32.01	10.29	229	330 Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																								
Freq	Level	Line Margin	Level Factor	Loss Factor	Factor																																																																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																								
1	2483.66	61.69	74.00	-12.31	49.04	26.84	7.34	32.03	10.29	229	330 Peak																																																																																							
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																									
Freq	Level	Line Margin	Level Factor	Loss Factor	Factor																																																																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																								
1	2462.00	107.40	-----	-----	94.79	26.80	7.31	32.01	10.29	229	330 Peak																																																																																							
Avg	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2484.95</td><td>45.67</td><td>54.00</td><td>-8.33</td><td>33.01</td><td>26.85</td><td>7.34</td><td>32.03</td><td>10.29</td><td>229</td><td>330 Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor						MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2484.95	45.67	54.00	-8.33	33.01	26.85	7.34	32.03	10.29	229	330 Average	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>2462.00</td><td>98.72</td><td>-----</td><td>-----</td><td>86.11</td><td>26.80</td><td>7.31</td><td>32.01</td><td>10.29</td><td>229</td><td>330 Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level Factor	Loss Factor	Factor						MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	2462.00	98.72	-----	-----	86.11	26.80	7.31	32.01	10.29	229	330 Average
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																								
Freq	Level	Line Margin	Level Factor	Loss Factor	Factor																																																																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																								
1	2484.95	45.67	54.00	-8.33	33.01	26.85	7.34	32.03	10.29	229	330 Average																																																																																							
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																									
Freq	Level	Line Margin	Level Factor	Loss Factor	Factor																																																																																													
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																								
1	2462.00	98.72	-----	-----	86.11	26.80	7.31	32.01	10.29	229	330 Average																																																																																							

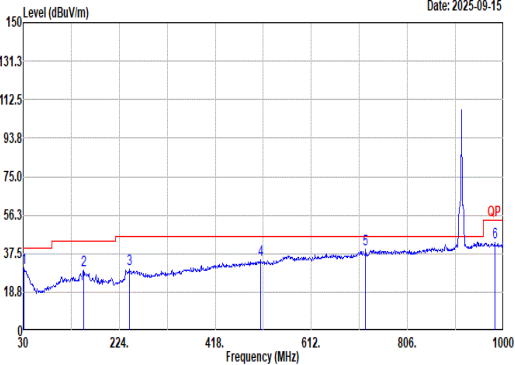
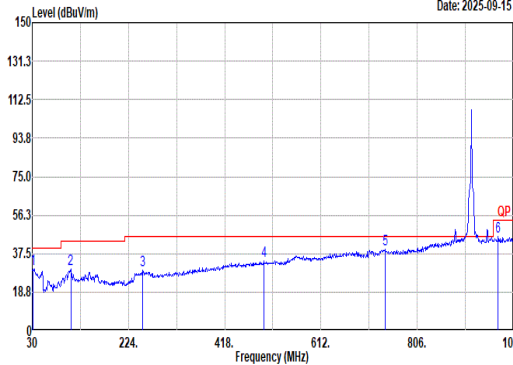


Mode	26																																																																									
	Band Edge																																																																									
	2400-2483.5_802.11ax HE20_CH11_Full RU_2462MHz																																																																									
ANT	0																																																																									
Pol.	Vertical	Fundamental																																																																								
Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq Level Line Margin Level Factor Loss Factor Factor</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>1 2486.47 59.63 74.00 -14.37 46.96 26.86 7.34 32.03 10.29 300 189 Peak</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq Level Line Margin Level Factor Loss Factor Factor									MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg									1 2486.47 59.63 74.00 -14.37 46.96 26.86 7.34 32.03 10.29 300 189 Peak									Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq Level Line Margin Level Factor Loss Factor Factor</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>1 2462.00 106.83 ----- 94.23 26.80 7.31 32.02 10.29 300 189 Peak</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq Level Line Margin Level Factor Loss Factor Factor									MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg									1 2462.00 106.83 ----- 94.23 26.80 7.31 32.02 10.29 300 189 Peak								
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																	
Freq Level Line Margin Level Factor Loss Factor Factor																																																																										
MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg																																																																										
1 2486.47 59.63 74.00 -14.37 46.96 26.86 7.34 32.03 10.29 300 189 Peak																																																																										
Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																		
Freq Level Line Margin Level Factor Loss Factor Factor																																																																										
MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg																																																																										
1 2462.00 106.83 ----- 94.23 26.80 7.31 32.02 10.29 300 189 Peak																																																																										
Avg	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SMT:Auto <table><tr><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq Level Line Margin Level Factor Loss Factor Factor</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>1 2483.96 45.20 54.00 -8.80 32.55 26.84 7.34 32.03 10.29 300 189 Average</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq Level Line Margin Level Factor Loss Factor Factor									MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg									1 2483.96 45.20 54.00 -8.80 32.55 26.84 7.34 32.03 10.29 300 189 Average									Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SMT:Auto <table><tr><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq Level Line Margin Level Factor Loss Factor Factor</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><th>MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>1 2462.00 97.72 ----- 85.11 26.80 7.31 32.01 10.29 300 189 Average</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq Level Line Margin Level Factor Loss Factor Factor									MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg									1 2462.00 97.72 ----- 85.11 26.80 7.31 32.01 10.29 300 189 Average								
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																	
Freq Level Line Margin Level Factor Loss Factor Factor																																																																										
MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg																																																																										
1 2483.96 45.20 54.00 -8.80 32.55 26.84 7.34 32.03 10.29 300 189 Average																																																																										
Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																		
Freq Level Line Margin Level Factor Loss Factor Factor																																																																										
MHz dBuV/m dBuV/m dB dB/dB dB dB dB dB cm deg																																																																										
1 2462.00 97.72 ----- 85.11 26.80 7.31 32.01 10.29 300 189 Average																																																																										



Mode	26																																																																																																																																																																	
	Harmonic																																																																																																																																																																	
	2400-2483.5_802.11ax HE20_CH11_Full RU_2462MHz+ 902-928_LoRa DTS 500KHz_CH15_914.5MHz+24G Radar																																																																																																																																																																	
ANT	0																																																																																																																																																																	
Pol.	Horizontal	Vertical																																																																																																																																																																
Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>4291.00</td><td>59.10</td><td>74.00</td><td>-14.90</td><td>49.97</td><td>30.76</td><td>9.71</td><td>33.02</td><td>1.68 213 159 Peak</td></tr><tr><td>2</td><td>4291.00</td><td>49.86</td><td>54.00</td><td>-4.14</td><td>40.73</td><td>30.76</td><td>9.71</td><td>33.02</td><td>1.68 213 159 Average</td></tr><tr><td>3</td><td>4924.00</td><td>46.58</td><td>74.00</td><td>-27.42</td><td>34.93</td><td>32.00</td><td>10.32</td><td>33.18</td><td>1.71 -- -- Peak</td></tr><tr><td>4</td><td>7386.00</td><td>50.22</td><td>74.00</td><td>-23.78</td><td>34.46</td><td>37.33</td><td>12.52</td><td>36.03</td><td>1.94 -- -- Peak</td></tr><tr><td>5</td><td>7386.00</td><td>40.00</td><td>54.00</td><td>-14.00</td><td>24.24</td><td>37.33</td><td>12.52</td><td>36.03</td><td>1.94 -- -- Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	4291.00	59.10	74.00	-14.90	49.97	30.76	9.71	33.02	1.68 213 159 Peak	2	4291.00	49.86	54.00	-4.14	40.73	30.76	9.71	33.02	1.68 213 159 Average	3	4924.00	46.58	74.00	-27.42	34.93	32.00	10.32	33.18	1.71 -- -- Peak	4	7386.00	50.22	74.00	-23.78	34.46	37.33	12.52	36.03	1.94 -- -- Peak	5	7386.00	40.00	54.00	-14.00	24.24	37.33	12.52	36.03	1.94 -- -- Average	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>4291.00</td><td>54.75</td><td>74.00</td><td>-19.25</td><td>45.62</td><td>30.76</td><td>9.71</td><td>33.02</td><td>1.68 176 221 Peak</td></tr><tr><td>2</td><td>4291.00</td><td>45.50</td><td>54.00</td><td>-8.50</td><td>36.37</td><td>30.76</td><td>9.71</td><td>33.02</td><td>1.68 176 221 Average</td></tr><tr><td>3</td><td>4924.00</td><td>45.89</td><td>74.00</td><td>-28.11</td><td>34.24</td><td>32.80</td><td>10.32</td><td>33.18</td><td>1.71 -- -- Peak</td></tr><tr><td>4</td><td>7386.00</td><td>49.83</td><td>74.00</td><td>-24.17</td><td>34.07</td><td>37.33</td><td>12.52</td><td>36.03</td><td>1.94 -- -- Peak</td></tr><tr><td>5</td><td>7386.00</td><td>39.61</td><td>54.00</td><td>-14.39</td><td>23.85</td><td>37.33</td><td>12.52</td><td>36.03</td><td>1.94 -- -- Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	4291.00	54.75	74.00	-19.25	45.62	30.76	9.71	33.02	1.68 176 221 Peak	2	4291.00	45.50	54.00	-8.50	36.37	30.76	9.71	33.02	1.68 176 221 Average	3	4924.00	45.89	74.00	-28.11	34.24	32.80	10.32	33.18	1.71 -- -- Peak	4	7386.00	49.83	74.00	-24.17	34.07	37.33	12.52	36.03	1.94 -- -- Peak	5	7386.00	39.61	54.00	-14.39	23.85	37.33	12.52	36.03	1.94 -- -- Average
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																									
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																										
	MHz	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																									
1	4291.00	59.10	74.00	-14.90	49.97	30.76	9.71	33.02	1.68 213 159 Peak																																																																																																																																																									
2	4291.00	49.86	54.00	-4.14	40.73	30.76	9.71	33.02	1.68 213 159 Average																																																																																																																																																									
3	4924.00	46.58	74.00	-27.42	34.93	32.00	10.32	33.18	1.71 -- -- Peak																																																																																																																																																									
4	7386.00	50.22	74.00	-23.78	34.46	37.33	12.52	36.03	1.94 -- -- Peak																																																																																																																																																									
5	7386.00	40.00	54.00	-14.00	24.24	37.33	12.52	36.03	1.94 -- -- Average																																																																																																																																																									
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																									
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																										
	MHz	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																									
1	4291.00	54.75	74.00	-19.25	45.62	30.76	9.71	33.02	1.68 176 221 Peak																																																																																																																																																									
2	4291.00	45.50	54.00	-8.50	36.37	30.76	9.71	33.02	1.68 176 221 Average																																																																																																																																																									
3	4924.00	45.89	74.00	-28.11	34.24	32.80	10.32	33.18	1.71 -- -- Peak																																																																																																																																																									
4	7386.00	49.83	74.00	-24.17	34.07	37.33	12.52	36.03	1.94 -- -- Peak																																																																																																																																																									
5	7386.00	39.61	54.00	-14.39	23.85	37.33	12.52	36.03	1.94 -- -- Average																																																																																																																																																									
Avg																																																																																																																																																																		



Mode	31																																																																																																																																																																																												
	LF																																																																																																																																																																																												
	2400-2483.5_802.11ax HE20_CH11_Full RU_2462MHz																																																																																																																																																																																												
ANT	0																																																																																																																																																																																												
Pol.	Horizontal					Vertical																																																																																																																																																																																							
QP/ Peak																																																																																																																																																																																													
	Site : 03CH23-HY Condition: QP 3m CBL6111D_62028 & 003_241127 HORIZONTAL					Site : 03CH23-HY Condition: QP 3m CBL6111D_62028 & 003_241127 VERTICAL																																																																																																																																																																																							
	<table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr></thead><tbody><tr><td>1</td><td>30.97</td><td>30.64</td><td>40.00</td><td>-9.36</td><td>29.07</td><td>23.90</td><td>0.64</td><td>32.57</td><td>0.02 -- -- Peak</td></tr><tr><td>2</td><td>152.22</td><td>29.30</td><td>43.50</td><td>-14.20</td><td>33.47</td><td>17.02</td><td>1.60</td><td>32.45</td><td>0.06 -- -- Peak</td></tr><tr><td>3</td><td>244.37</td><td>29.95</td><td>46.00</td><td>-16.05</td><td>30.71</td><td>20.06</td><td>2.01</td><td>32.51</td><td>0.07 -- -- Peak</td></tr><tr><td>4</td><td>510.15</td><td>34.34</td><td>46.00</td><td>-11.66</td><td>30.06</td><td>24.17</td><td>3.03</td><td>32.68</td><td>0.12 -- -- Peak</td></tr><tr><td>5</td><td>721.61</td><td>39.52</td><td>46.00</td><td>-6.48</td><td>31.57</td><td>27.20</td><td>3.62</td><td>32.63</td><td>0.13 -- -- Peak</td></tr><tr><td>6</td><td>982.54</td><td>43.24</td><td>54.00</td><td>-10.76</td><td>29.21</td><td>30.70</td><td>4.25</td><td>30.80</td><td>0.24 -- -- Peak</td></tr></tbody></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.97	30.64	40.00	-9.36	29.07	23.90	0.64	32.57	0.02 -- -- Peak	2	152.22	29.30	43.50	-14.20	33.47	17.02	1.60	32.45	0.06 -- -- Peak	3	244.37	29.95	46.00	-16.05	30.71	20.06	2.01	32.51	0.07 -- -- Peak	4	510.15	34.34	46.00	-11.66	30.06	24.17	3.03	32.68	0.12 -- -- Peak	5	721.61	39.52	46.00	-6.48	31.57	27.20	3.62	32.63	0.13 -- -- Peak	6	982.54	43.24	54.00	-10.76	29.21	30.70	4.25	30.80	0.24 -- -- Peak	<table><thead><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr></thead><tbody><tr><td>1</td><td>31.94</td><td>30.12</td><td>40.00</td><td>-9.88</td><td>28.07</td><td>23.57</td><td>0.65</td><td>32.57</td><td>0.02 -- -- Peak</td></tr><tr><td>2</td><td>107.00</td><td>29.90</td><td>43.50</td><td>-13.60</td><td>34.79</td><td>16.67</td><td>1.31</td><td>32.50</td><td>0.05 -- -- Peak</td></tr><tr><td>3</td><td>253.10</td><td>29.16</td><td>46.00</td><td>-16.84</td><td>29.86</td><td>20.09</td><td>2.05</td><td>32.52</td><td>0.07 -- -- Peak</td></tr><tr><td>4</td><td>497.54</td><td>34.07</td><td>46.00</td><td>-11.93</td><td>30.08</td><td>23.90</td><td>3.00</td><td>32.67</td><td>0.12 -- -- Peak</td></tr><tr><td>5</td><td>741.01</td><td>39.60</td><td>46.00</td><td>-6.40</td><td>30.63</td><td>28.07</td><td>3.68</td><td>32.56</td><td>0.14 -- -- Peak</td></tr><tr><td>6</td><td>968.96</td><td>45.65</td><td>54.00</td><td>-8.35</td><td>31.40</td><td>31.09</td><td>4.26</td><td>30.95</td><td>0.22 -- -- Peak</td></tr></tbody></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	31.94	30.12	40.00	-9.88	28.07	23.57	0.65	32.57	0.02 -- -- Peak	2	107.00	29.90	43.50	-13.60	34.79	16.67	1.31	32.50	0.05 -- -- Peak	3	253.10	29.16	46.00	-16.84	29.86	20.09	2.05	32.52	0.07 -- -- Peak	4	497.54	34.07	46.00	-11.93	30.08	23.90	3.00	32.67	0.12 -- -- Peak	5	741.01	39.60	46.00	-6.40	30.63	28.07	3.68	32.56	0.14 -- -- Peak	6	968.96	45.65	54.00	-8.35	31.40	31.09	4.26	30.95
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																				
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																				
1	30.97	30.64	40.00	-9.36	29.07	23.90	0.64	32.57	0.02 -- -- Peak																																																																																																																																																																																				
2	152.22	29.30	43.50	-14.20	33.47	17.02	1.60	32.45	0.06 -- -- Peak																																																																																																																																																																																				
3	244.37	29.95	46.00	-16.05	30.71	20.06	2.01	32.51	0.07 -- -- Peak																																																																																																																																																																																				
4	510.15	34.34	46.00	-11.66	30.06	24.17	3.03	32.68	0.12 -- -- Peak																																																																																																																																																																																				
5	721.61	39.52	46.00	-6.48	31.57	27.20	3.62	32.63	0.13 -- -- Peak																																																																																																																																																																																				
6	982.54	43.24	54.00	-10.76	29.21	30.70	4.25	30.80	0.24 -- -- Peak																																																																																																																																																																																				
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																																				
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																																					
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																																				
1	31.94	30.12	40.00	-9.88	28.07	23.57	0.65	32.57	0.02 -- -- Peak																																																																																																																																																																																				
2	107.00	29.90	43.50	-13.60	34.79	16.67	1.31	32.50	0.05 -- -- Peak																																																																																																																																																																																				
3	253.10	29.16	46.00	-16.84	29.86	20.09	2.05	32.52	0.07 -- -- Peak																																																																																																																																																																																				
4	497.54	34.07	46.00	-11.93	30.08	23.90	3.00	32.67	0.12 -- -- Peak																																																																																																																																																																																				
5	741.01	39.60	46.00	-6.40	30.63	28.07	3.68	32.56	0.14 -- -- Peak																																																																																																																																																																																				
6	968.96	45.65	54.00	-8.35	31.40	31.09	4.26	30.95	0.22 -- -- Peak																																																																																																																																																																																				

Remark: The unwanted signal falls within the non-restricted band and meet the requirements of 15.247 (d).



A4-1. Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 36	U-NII-1	5.15-5.25	2	802.11ax HE20+ LoRa DTS 500KHz SF7 CH 15+ 24G Radar	36	5180	MCS0	Full RU	-
Mode 56	U-NII-1	5.15-5.25	2	802.11ax HE20+ LoRa DTS 500KHz SF7 CH 15+ 24G Radar	36	5180	MCS0	Full RU	LF

**A4-1.Summary of each worse mode**

Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
36	802.11ax HE20	36	5149.22	50.21	54.00	-3.79	H	Avg.	Pass	Full RU	Band Edge
	802.11ax HE20	36	15540.00	44.26	54.00	-9.74	H	Avg.	Pass	Full RU	Harmonic
56	LF	36	717.73	39.87	46.00	-6.13	V	Peak	Pass	-	LF



Mode	36																																																																																									
	Band Edge																																																																																									
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz																																																																																									
ANT	2																																																																																									
Pol.	Horizontal						Fundamental																																																																																			
Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>5149.94</td><td>58.58</td><td>74.00</td><td>-15.42</td><td>45.20</td><td>32.90</td><td>10.56</td><td>33.56</td><td>3.42</td><td>229</td><td>97</td><td>Peak</td></tr></tbody></table>							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	5149.94	58.58	74.00	-15.42	45.20	32.90	10.56	33.56	3.42	229	97	Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>5180.00</td><td>110.04</td><td>-----</td><td>-----</td><td>96.77</td><td>32.84</td><td>10.59</td><td>33.65</td><td>3.42</td><td>229</td><td>97</td><td>Peak</td></tr></tbody></table>							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	5180.00	110.04	-----	-----	96.77	32.84	10.59	33.65	3.42	229	97	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	5149.94	58.58	74.00	-15.42	45.20	32.90	10.56	33.56	3.42	229	97	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	5180.00	110.04	-----	-----	96.77	32.84	10.59	33.65	3.42	229	97	Peak																																																																														
Avg	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>5149.22</td><td>50.21</td><td>54.00</td><td>-3.79</td><td>36.83</td><td>32.90</td><td>10.56</td><td>33.56</td><td>3.42</td><td>229</td><td>97</td><td>Average</td></tr></tbody></table>							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	5149.22	50.21	54.00	-3.79	36.83	32.90	10.56	33.56	3.42	229	97	Average	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SMT:Auto <table><thead><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line Margin</th><th>Read Level</th><th>Ant Factor</th><th>Cable Loss</th><th>Preamp Factor</th><th>Aux Factor</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>5180.00</td><td>101.32</td><td>-----</td><td>-----</td><td>88.03</td><td>32.85</td><td>10.58</td><td>33.63</td><td>3.42</td><td>229</td><td>97</td><td>Average</td></tr></tbody></table>							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	5180.00	101.32	-----	-----	88.03	32.85	10.58	33.63	3.42	229	97	Average
		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	5149.22	50.21	54.00	-3.79	36.83	32.90	10.56	33.56	3.42	229	97	Average																																																																														
	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	5180.00	101.32	-----	-----	88.03	32.85	10.58	33.63	3.42	229	97	Average																																																																														



Mode	36																																																																																																		
	Band Edge																																																																																																		
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz																																																																																																		
ANT	2																																																																																																		
Pol.	Vertical						Fundamental																																																																																												
Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK_BE_74 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5146.34</td><td>54.84</td><td>74.00</td><td>-19.16</td><td>41.46</td><td>32.90</td><td>10.56</td><td>33.56</td><td>3.42</td><td>396</td><td>141</td><td>Peak</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	5146.34	54.84	74.00	-19.16	41.46	32.90	10.56	33.56	3.42	396	141	Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5180.00</td><td>104.54</td><td>-----</td><td>-----</td><td>91.25</td><td>32.85</td><td>10.58</td><td>33.63</td><td>3.42</td><td>396</td><td>141</td><td>Peak</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1	5180.00	104.54	-----	-----	91.25	32.85	10.58	33.63	3.42	396	141	Peak	
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																									
Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor																																																																																													
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																										
1	5146.34	54.84	74.00	-19.16	41.46	32.90	10.56	33.56	3.42	396	141	Peak																																																																																							
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																										
Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor																																																																																													
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																																									
1	5180.00	104.54	-----	-----	91.25	32.85	10.58	33.63	3.42	396	141	Peak																																																																																							
Avg	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: AVG_BE_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5149.94</td><td>45.63</td><td>54.00</td><td>-8.37</td><td>32.25</td><td>32.90</td><td>10.56</td><td>33.56</td><td>3.42</td><td>396</td><td>141</td><td>Average</td></tr></table>							Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1	5149.94	45.63	54.00	-8.37	32.25	32.90	10.56	33.56	3.42	396	141	Average	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: AVG_54 3m DRH18-E_LE2C05A18EN_250702 VERTICAL : RBW:1000.000kHz VBW:1.000kHz SMT:Auto <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line Margin</th><th>Level</th><th>Factor</th><th>Loss Factor</th><th>Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5180.00</td><td>97.11</td><td>-----</td><td>-----</td><td>83.82</td><td>32.85</td><td>10.58</td><td>33.63</td><td>3.42</td><td>396</td><td>141</td><td>Average</td></tr></table>						Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor				MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	1	5180.00	97.11	-----	-----	83.82	32.85	10.58	33.63	3.42	396	141	Average
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																									
Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor																																																																																													
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																																									
1	5149.94	45.63	54.00	-8.37	32.25	32.90	10.56	33.56	3.42	396	141	Average																																																																																							
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																										
Freq	Level	Line Margin	Level	Factor	Loss Factor	Factor																																																																																													
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg																																																																																									
1	5180.00	97.11	-----	-----	83.82	32.85	10.58	33.63	3.42	396	141	Average																																																																																							



Mode	36																																																																																																																																							
	Harmonic																																																																																																																																							
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz+ 902-928_LoRa DTS 500KHz_CH15_914.5MHz+24G Radar																																																																																																																																							
ANT	2																																																																																																																																							
Pol.	Horizontal	Vertical																																																																																																																																						
Peak Avg	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C05A18EN_250702 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10360.00</td><td>50.55</td><td>68.20</td><td>-17.65</td><td>34.92</td><td>37.66</td><td>14.88</td><td>39.04</td><td>2.13</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>15540.00</td><td>54.87</td><td>74.00</td><td>-19.13</td><td>38.24</td><td>41.00</td><td>18.34</td><td>45.17</td><td>2.46</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>15540.00</td><td>44.26</td><td>54.00</td><td>-9.74</td><td>27.63</td><td>41.00</td><td>18.34</td><td>45.17</td><td>2.46</td><td>--</td><td>Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	10360.00	50.55	68.20	-17.65	34.92	37.66	14.88	39.04	2.13	--	Peak	2	15540.00	54.87	74.00	-19.13	38.24	41.00	18.34	45.17	2.46	--	Peak	3	15540.00	44.26	54.00	-9.74	27.63	41.00	18.34	45.17	2.46	--	Average	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: PEAK(UNII) 3m DRH18-E_LE2C05A18EN_250702 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>10360.00</td><td>50.08</td><td>68.20</td><td>-18.12</td><td>34.45</td><td>37.66</td><td>14.88</td><td>39.04</td><td>2.13</td><td>--</td><td>Peak</td></tr><tr><td>2</td><td>15540.00</td><td>54.34</td><td>74.00</td><td>-19.66</td><td>37.71</td><td>41.00</td><td>18.34</td><td>45.17</td><td>2.46</td><td>--</td><td>Peak</td></tr><tr><td>3</td><td>15540.00</td><td>44.08</td><td>54.00</td><td>-9.92</td><td>27.45</td><td>41.00</td><td>18.34</td><td>45.17</td><td>2.46</td><td>--</td><td>Average</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor			MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg	1	10360.00	50.08	68.20	-18.12	34.45	37.66	14.88	39.04	2.13	--	Peak	2	15540.00	54.34	74.00	-19.66	37.71	41.00	18.34	45.17	2.46	--	Peak	3	15540.00	44.08	54.00	-9.92	27.45	41.00	18.34	45.17	2.46	--	Average
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																														
1	10360.00	50.55	68.20	-17.65	34.92	37.66	14.88	39.04	2.13	--	Peak																																																																																																																													
2	15540.00	54.87	74.00	-19.13	38.24	41.00	18.34	45.17	2.46	--	Peak																																																																																																																													
3	15540.00	44.26	54.00	-9.74	27.63	41.00	18.34	45.17	2.46	--	Average																																																																																																																													
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																															
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	cm	deg																																																																																																																														
1	10360.00	50.08	68.20	-18.12	34.45	37.66	14.88	39.04	2.13	--	Peak																																																																																																																													
2	15540.00	54.34	74.00	-19.66	37.71	41.00	18.34	45.17	2.46	--	Peak																																																																																																																													
3	15540.00	44.08	54.00	-9.92	27.45	41.00	18.34	45.17	2.46	--	Average																																																																																																																													



Mode	56																																																																																																																																																																																					
	LF																																																																																																																																																																																					
	U-NII-1_5.15-5.25_802.11ax HE20_CH36_Full RU_5180MHz																																																																																																																																																																																					
ANT	2																																																																																																																																																																																					
Pol.	Horizontal	Vertical																																																																																																																																																																																				
QP/ Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: QP 3m CBL6111D_62028 & 003_241127 HORIZONTAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>30.97</td><td>29.69</td><td>40.00</td><td>-10.31</td><td>28.12</td><td>23.90</td><td>0.64</td><td>32.57</td><td>0.02 -- -- Peak</td></tr><tr><td>2</td><td>158.04</td><td>29.17</td><td>43.50</td><td>-14.33</td><td>33.59</td><td>16.73</td><td>1.64</td><td>32.46</td><td>0.07 -- -- Peak</td></tr><tr><td>3</td><td>236.61</td><td>30.03</td><td>46.00</td><td>-15.97</td><td>30.86</td><td>20.02</td><td>1.98</td><td>32.51</td><td>0.07 -- -- Peak</td></tr><tr><td>4</td><td>497.54</td><td>33.64</td><td>46.00</td><td>-12.36</td><td>29.65</td><td>23.90</td><td>3.00</td><td>32.67</td><td>0.12 -- -- Peak</td></tr><tr><td>5</td><td>732.28</td><td>39.07</td><td>46.00</td><td>-6.93</td><td>30.45</td><td>27.78</td><td>3.66</td><td>32.59</td><td>0.13 -- -- Peak</td></tr><tr><td>6</td><td>983.51</td><td>42.57</td><td>54.00</td><td>-11.43</td><td>28.58</td><td>30.65</td><td>4.25</td><td>30.79</td><td>0.24 -- -- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.97	29.69	40.00	-10.31	28.12	23.90	0.64	32.57	0.02 -- -- Peak	2	158.04	29.17	43.50	-14.33	33.59	16.73	1.64	32.46	0.07 -- -- Peak	3	236.61	30.03	46.00	-15.97	30.86	20.02	1.98	32.51	0.07 -- -- Peak	4	497.54	33.64	46.00	-12.36	29.65	23.90	3.00	32.67	0.12 -- -- Peak	5	732.28	39.07	46.00	-6.93	30.45	27.78	3.66	32.59	0.13 -- -- Peak	6	983.51	42.57	54.00	-11.43	28.58	30.65	4.25	30.79	0.24 -- -- Peak	Level (dBuV/m) Date: 2025-09-15 Site : 03CH23-HY Condition: QP 3m CBL6111D_62028 & 003_241127 VERTICAL <table><tr><th></th><th>Limit</th><th>Read</th><th>Ant</th><th>Cable</th><th>Preamp</th><th>Aux</th><th>APos</th><th>TPos</th><th>Remark</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Margin</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>30.97</td><td>30.55</td><td>40.00</td><td>-9.45</td><td>28.98</td><td>23.90</td><td>0.64</td><td>32.57</td><td>0.02 -- -- Peak</td></tr><tr><td>2</td><td>106.63</td><td>30.32</td><td>43.50</td><td>-13.18</td><td>35.30</td><td>16.58</td><td>1.31</td><td>32.50</td><td>0.05 -- -- Peak</td></tr><tr><td>3</td><td>239.52</td><td>29.06</td><td>46.00</td><td>-16.94</td><td>29.87</td><td>20.03</td><td>1.99</td><td>32.51</td><td>0.07 -- -- Peak</td></tr><tr><td>4</td><td>505.30</td><td>33.48</td><td>46.00</td><td>-12.52</td><td>29.27</td><td>24.11</td><td>3.02</td><td>32.68</td><td>0.12 -- -- Peak</td></tr><tr><td>5</td><td>717.73</td><td>39.87</td><td>46.00</td><td>-6.13</td><td>32.08</td><td>27.06</td><td>3.61</td><td>32.64</td><td>0.13 -- -- Peak</td></tr><tr><td>6</td><td>972.84</td><td>45.37</td><td>54.00</td><td>-8.63</td><td>31.12</td><td>31.03</td><td>4.26</td><td>30.90</td><td>0.23 -- -- Peak</td></tr></table>		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark	Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor		MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg	1	30.97	30.55	40.00	-9.45	28.98	23.90	0.64	32.57	0.02 -- -- Peak	2	106.63	30.32	43.50	-13.18	35.30	16.58	1.31	32.50	0.05 -- -- Peak	3	239.52	29.06	46.00	-16.94	29.87	20.03	1.99	32.51	0.07 -- -- Peak	4	505.30	33.48	46.00	-12.52	29.27	24.11	3.02	32.68	0.12 -- -- Peak	5	717.73	39.87	46.00	-6.13	32.08	27.06	3.61	32.64	0.13 -- -- Peak	6	972.84	45.37	54.00	-8.63	31.12	31.03	4.26	30.90	0.23 -- -- Peak
		Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																												
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																														
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																													
1	30.97	29.69	40.00	-10.31	28.12	23.90	0.64	32.57	0.02 -- -- Peak																																																																																																																																																																													
2	158.04	29.17	43.50	-14.33	33.59	16.73	1.64	32.46	0.07 -- -- Peak																																																																																																																																																																													
3	236.61	30.03	46.00	-15.97	30.86	20.02	1.98	32.51	0.07 -- -- Peak																																																																																																																																																																													
4	497.54	33.64	46.00	-12.36	29.65	23.90	3.00	32.67	0.12 -- -- Peak																																																																																																																																																																													
5	732.28	39.07	46.00	-6.93	30.45	27.78	3.66	32.59	0.13 -- -- Peak																																																																																																																																																																													
6	983.51	42.57	54.00	-11.43	28.58	30.65	4.25	30.79	0.24 -- -- Peak																																																																																																																																																																													
	Limit	Read	Ant	Cable	Preamp	Aux	APos	TPos	Remark																																																																																																																																																																													
Freq	Level	Line	Margin	Level	Factor	Loss	Factor	Factor																																																																																																																																																																														
MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm deg																																																																																																																																																																													
1	30.97	30.55	40.00	-9.45	28.98	23.90	0.64	32.57	0.02 -- -- Peak																																																																																																																																																																													
2	106.63	30.32	43.50	-13.18	35.30	16.58	1.31	32.50	0.05 -- -- Peak																																																																																																																																																																													
3	239.52	29.06	46.00	-16.94	29.87	20.03	1.99	32.51	0.07 -- -- Peak																																																																																																																																																																													
4	505.30	33.48	46.00	-12.52	29.27	24.11	3.02	32.68	0.12 -- -- Peak																																																																																																																																																																													
5	717.73	39.87	46.00	-6.13	32.08	27.06	3.61	32.64	0.13 -- -- Peak																																																																																																																																																																													
6	972.84	45.37	54.00	-8.63	31.12	31.03	4.26	30.90	0.23 -- -- Peak																																																																																																																																																																													

Remark: The unwanted signal falls within the non-restricted band and meet the requirements of 15.247 (d).



Appendix B. Duty Cycle Plots

Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
Co-location Lora 500kbps DTS SF7	93.71	29800	0.03	100Hz
Co-location Bluetooth - LE GFSK for 1Mbps	100.00	2600	0.38	10Hz
Co-location 802.11ax HE20 CH11	96.67	1015	0.99	1KHz
Co-location U-NII-1 802.11ax HE20 CH36	96.67	1015	0.99	1KHz

