

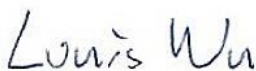


FCC CO-LOCATION RADIO TEST REPORT

FCC ID : 2AG0Z-P97
Equipment : VR Headset
Brand Name : 
Model Name : P97
Applicant : Meta Platforms Technologies, LLC.
1 Hacker Way, Menlo Park, CA 94025, USA
Manufacturer : Meta Platforms Technologies, LLC.
1 Hacker Way, Menlo Park, CA 94025, USA
Standard : FCC Part 15 Subpart E §15.407

The product was received on Apr. 08, 2024 and testing was performed from Apr. 11, 2024 to May 09, 2024. 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.)



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History of this test report

Report No.	Version	Description	Issue Date
FR413013-01G	01	Initial issue of report	May 29, 2024

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	2.23 dB under the limit at 43.58 MHz
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: Yun Huang

Report Producer: Clio Lo

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac/ax, Wi-Fi 5GHz 802.11a/n/ac/ax, Wi-Fi 6GHz 802.11ax and nRF.
Sample 1	E2-C1
Sample 2	E2-C2
Sample 3	E2-C3
Sample 4	E2-C4
Antenna Type	Bluetooth: <Ant. 0>: Hybrid Slot Monopole Antenna <Ant. 1>: Hybrid Slot Monopole Antenna WLAN: <Ant. 0>: Hybrid Slot Monopole Antenna <Ant. 1>: Hybrid Slot Monopole Antenna nRF: Folded Dipole Antenna

Antenna information		
2400 MHz ~ 2483.5 MHz	Peak Gain (dBi)	<Ant. 0>: 4.0 <Ant. 1>: 4.1 <Ant. 2>: 4.5
5725 MHz ~ 5850 MHz	Peak Gain (dBi)	<Ant. 0>: 4.1 <Ant. 1>: 4.2

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

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
- ♦ FCC Part 15 Subpart C §15.247
- ♦ FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- ♦ FCC KDB Publication No. 558074 D01 15.247 Meas Guidance v05r02
- ♦ FCC KDB 414788 D01 Radiated Test Site v01r01.
- ♦ FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ♦ ANSI C63.10-2013

Remark:

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

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

2.1 Carrier Frequency and Channel

2400-2483.5 MHz			
Bluetooth – LE 1Mbps		nRF	
Channel	Freq. (MHz)	Channel	Freq. (MHz)
05	2412	12	2426
15	2432	25	2452
30	2462	37	2476

2400-2483.5 MHz			
802.11b		802.11ax HE20	
Channel	Freq. (MHz)	Channel	Freq. (MHz)
05	2432	01	2412
-	-	05	2432
-	-	12	2467

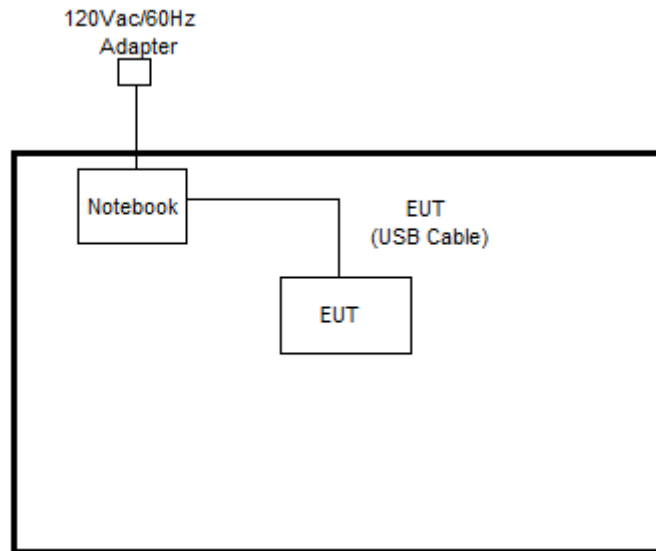
5725-5850 MHz	
802.11ax HE20	
Channel	Freq. (MHz)
157	5785

<Co-Location>

Modulation	Data Rate
2.4GHz 802.11ax HE20 for Ant. 0 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	MCS0 + MCS0 +GFSK
2.4GHz 802.11b for Ant. 0 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	1 Mbps + MCS0 + GFSK
2.4GHz 802.11ax HE20 for Ant. 0 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	MCS0 + MCS0 +GFSK
2.4GHz 802.11ax HE20 for Ant. 0 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	MCS0 + MCS0 +GFSK
2.4GHz 802.11ax HE20 for Ant. 1 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	MCS0 + MCS0 +GFSK
2.4GHz 802.11b for Ant. 1 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	1 Mbps + MCS0 + GFSK
2.4GHz 802.11ax HE20 for Ant. 1 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	MCS0 + MCS0 +GFSK
2.4GHz 802.11ax HE20 for Ant. 1 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	MCS0 + MCS0 +GFSK
Bluetooth-LE for Ant. 0 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	GFSK + MCS0 +GFSK
Bluetooth-LE for Ant. 0 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	GFSK + MCS0 +GFSK
Bluetooth-LE for Ant. 0 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	GFSK + MCS0 +GFSK
Bluetooth-LE for Ant. 1 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	GFSK + MCS0 +GFSK
Bluetooth-LE for Ant. 1 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	GFSK + MCS0 +GFSK
Bluetooth-LE for Ant. 1 + 5GHz 802.11ax HE20 for MIMO <Ant. 0+1> + nRF for Ant. 2	GFSK + MCS0 +GFSK

Remark: For Radiated Test Cases, the tests were performed with Sample 1.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Notebook	Acer	N18Q13	PD9AX201NG	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.4 EUT Operation Test Setup

The RF test items, utility “QRCT V4.0 Version 4.0.211.0” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.



3 Test Result

3.1 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 2402 MHz ~ 2480 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 5725 MHz ~ 5850 MHz>

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Unwanted spurious emissions fallen 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.

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

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

(2) 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.

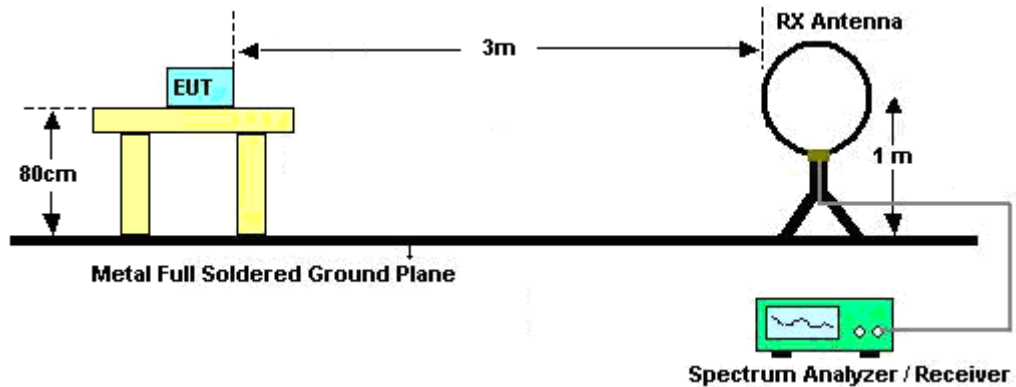
3.1.3 Test Procedures

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 $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - 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.
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 “-”.

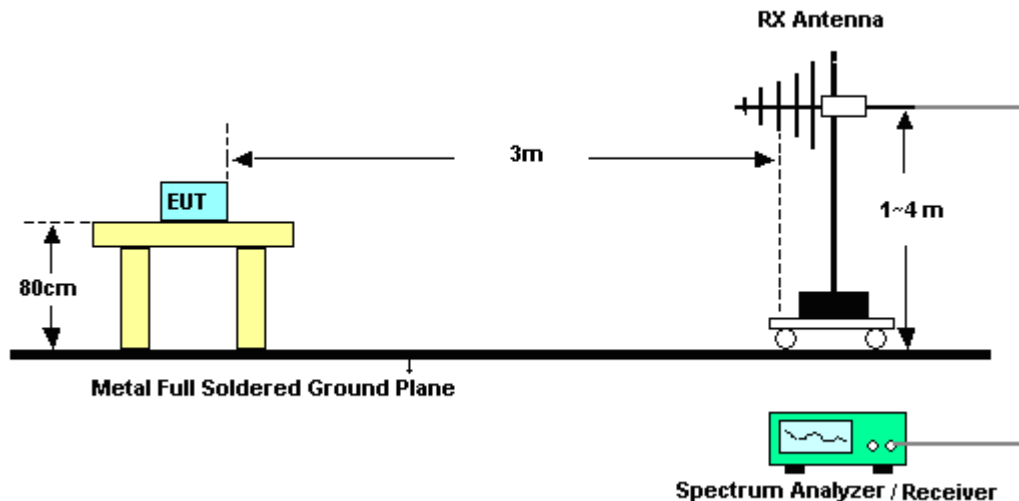
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

3.1.4 Test Setup

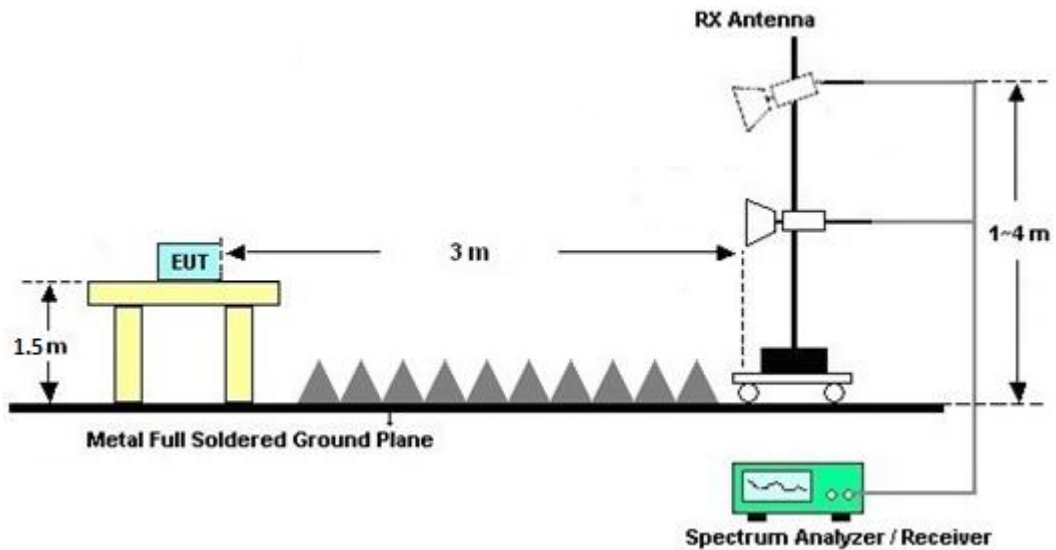
For radiated emissions below 30MHz



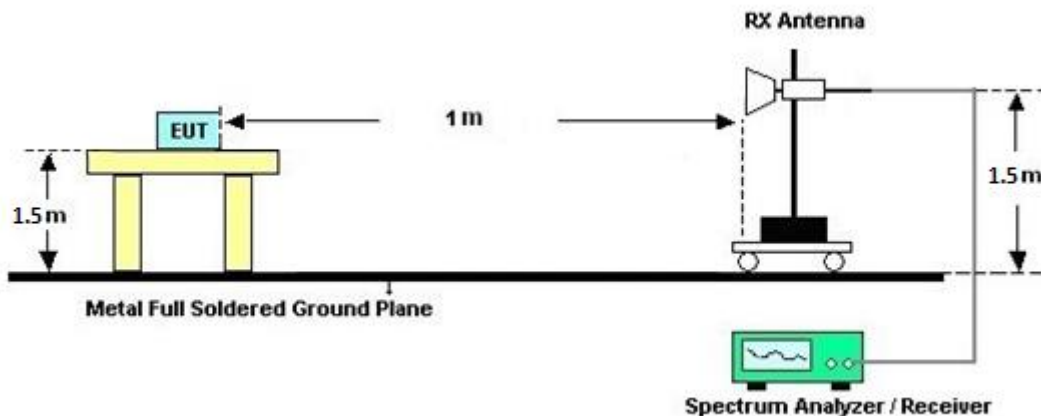
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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 Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix A and B.



3.2 Antenna Requirements

3.2.1 Standard Applicable

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 rule.

3.2.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Feb. 23, 2024	Apr. 11, 2024~ May 09, 2024	Feb. 22, 2025	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9k~30M	Mar. 06, 2024	Apr. 11, 2024~ May 09, 2024	Mar. 05, 2025	Radiation (03CH13-HY)
Amplifier	SONOMA	310N	187282	9kHz~1GHz	Dec. 13, 2023	Apr. 11, 2024~ May 09, 2024	Dec. 12, 2024	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	40103 & 07	30MHz~1GHz	Apr. 23, 2023	Apr. 11, 2024	Apr. 22, 2024	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	40103 & 07	30MHz~1GHz	Apr. 12, 2024	Apr. 12, 2024 ~ May 09, 2024	Apr. 11, 2025	Radiation (03CH13-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290045	20MHz~8.4GHz	Apr. 25, 2023	Apr. 11, 2024 ~ Apr. 16, 2024	Apr. 24, 2024	Radiation (03CH13-HY)
EMI Test Receiver	Agilent	N9038A(MXE)	MY53290045	20MHz~8.4GHz	Apr. 17, 2024	Apr. 17, 2024 ~ May 09, 2024	Apr. 16, 2025	Radiation (03CH13-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	9120D-1326	1GHz~18GHz	Aug. 17, 2023	Apr. 11, 2024 ~ May 09, 2024	Aug. 16, 2024	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 16, 2023	Apr. 11, 2024 ~ May 09, 2024	May 15, 2024	Radiation (03CH13-HY)
Preamplifier	EM Electronics	EM01G18G	060803	1GHz~18GHz	Jan. 09, 2024	Apr. 11, 2024 ~ May 09, 2024	Jan. 08, 2025	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	Jun. 27, 2023	Apr. 11, 2024 ~ May 09, 2024	Jun. 26, 2024	Radiation (03CH13-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00993	18GHz~40GHz	Nov. 24, 2023	Apr. 11, 2024 ~ May 09, 2024	Nov. 23, 2024	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170337	10Hz~44GHz	Aug. 17, 2023	Apr. 11, 2024 ~ May 09, 2024	Aug. 16, 2024	Radiation (03CH13-HY)
Filter	Wainwright	WLK10-4630-5 093-11000-40 SS	SN1	4.5GHz Low Pass Filter	Sep. 11, 2023	Apr. 11, 2024 ~ May 09, 2024	Sep. 10, 2024	Radiation (03CH13-HY)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN5	6.75GHz High Pass Filter	Mar. 08, 2024	Apr. 11, 2024 ~ May 09, 2024	Mar. 07, 2025	Radiation (03CH13-HY)
Filter	Wainwright	WHKX6-7268- 9200-26500-40 CD	SN4	9GHz High Pass Filter	May 23, 2023	Apr. 11, 2024 ~ May 09, 2024	May 22, 2024	Radiation (03CH13-HY)
Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN4	1.53GHz Low Pass Filter	Jun. 14, 2023	Apr. 11, 2024 ~ May 09, 2024	Jun. 13, 2024	Radiation (03CH13-HY)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 OSS	SN2	3GHz High Pass Filter	Jul. 10, 2023	Apr. 11, 2024 ~ May 09, 2024	Jul. 09, 2024	Radiation (03CH13-HY)
Notch Filter	Wainwright	WRCQV14-60 25-6425-7125- 7525-60SS	SN2	N/A	Jan. 05, 2024	Apr. 11, 2024 ~ May 09, 2024	Jan. 04, 2025	Radiation (03CH13-HY)
Notch Filter	Wainwright	WRCQV14-54 25-5825-6525- 6925-60SS	SN1	N/A	Jan. 05, 2024	Apr. 11, 2024 ~ May 09, 2024	Jan. 04, 2025	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. 07, 2024	Apr. 11, 2024 ~ May 09, 2024	Feb. 06, 2025	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2, 804012/2	18GHz ~40GHz	Jan. 02, 2024	Apr. 11, 2024 ~ May 09, 2024	Jan. 01, 2025	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	804793/4	30MHz~18GHz	Feb. 07, 2024	Apr. 11, 2024 ~ May 09, 2024	Feb. 06, 2025	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30MHz~18GHz	Feb. 07, 2024	Apr. 11, 2024 ~ May 09, 2024	Feb. 06, 2025	Radiation (03CH13-HY)
Hygrometer	TECPEL	DTM-303A	TP215159	N/A	Sep. 13, 2023	Apr. 11, 2024 ~ May 09, 2024	Sep. 12, 2024	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Apr. 11, 2024 ~ May 09, 2024	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Apr. 11, 2024 ~ May 09, 2024	N/A	Radiation (03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Apr. 11, 2024 ~ May 09, 2024	N/A	Radiation (03CH13-HY)
Software	Audix	N/A	RK-001124	N/A	N/A	Apr. 11, 2024 ~ May 09, 2024	N/A	Radiation (03CH13-HY)



5 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.50 dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.20 dB
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Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.60 dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.30 dB
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Appendix A. Radiated Spurious Emission

Test Engineer :	Jacky Hung , Mancy Chou and Rain Lee	Temperature :	20~26°C
		Relative Humidity :	40~65%

2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

802.11ax HE20_Tx_Ch05 + 802.11ax HE20_Tx_CH157 +nRF_Tx_CH37 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz		4864	47.56	-26.44	74	45.14	32.63	7.04	37.25	-	-	P	H
		4952	47.13	-26.87	74	44.18	33.01	7.13	37.19	-	-	P	H
		7296	46.74	-27.26	74	56.62	37	9.92	56.8	-	-	P	H
		7428	45.4	-28.6	74	56.08	36.44	9.91	57.03	-	-	P	H
		11570	46.55	-27.45	74	52	38.68	11.83	55.96	-	-	P	H
		17355	47.6	-20.6	68.2	50.95	38.8	14.31	56.46	-	-	P	H
													H
													H
													H
													H
		4864	46.48	-27.52	74	44.06	32.63	7.04	37.25	-	-	P	V
		4952	47.47	-26.53	74	44.52	33.01	7.13	37.19	-	-	P	V
		7296	47.78	-26.22	74	57.66	37	9.92	56.8	-	-	P	V
		7428	45.76	-28.24	74	56.44	36.44	9.91	57.03	-	-	P	V
		11570	46.57	-27.43	74	52.02	38.68	11.83	55.96	-	-	P	V
		17355	47.73	-20.47	68.2	51.08	38.8	14.31	56.46	-	-	P	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

802.11ax HE20_Tx_Ch05 + 802.11ax HE20_Tx_CH157 +nRF_Tx_CH37 (SHF @ 3m)

[illegible]

Emission below 1GHz

802.11ax HE20_Tx_Ch05 + 802.11ax HE20_Tx_CH157 +nRF_Tx_CH37 (LF @ 3m)

[illegible]



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz		4864	47.79	-26.21	74	45.37	32.63	7.04	37.25	-	-	P	H
		4952	47.66	-26.34	74	44.71	33.01	7.13	37.19	-	-	P	H
		7296	47.27	-26.73	74	57.15	37	9.92	56.8	-	-	P	H
		7428	45.37	-28.63	74	56.05	36.44	9.91	57.03	-	-	P	H
		11570	46.22	-27.78	74	51.67	38.68	11.83	55.96	-	-	P	H
		17355	48.18	-20.02	68.2	51.53	38.8	14.31	56.46	-	-	P	H
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													H
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													H
		4864	47.5	-26.5	74	45.08	32.63	7.04	37.25	-	-	P	V
		4952	47.63	-26.37	74	44.68	33.01	7.13	37.19	-	-	P	V
		7296	46.87	-27.13	74	56.75	37	9.92	56.8	-	-	P	V
		7428	45.15	-28.85	74	55.83	36.44	9.91	57.03	-	-	P	V
		11570	47.06	-26.94	74	52.51	38.68	11.83	55.96	-	-	P	V
		17355	47.76	-20.44	68.2	51.11	38.8	14.31	56.46	-	-	P	V
													V
													V
													V
													V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (SHF @ 3m)

[illegible]



Emission below 1GHz

802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz LF		53.28	33.89	-6.11	40	51.89	12.99	1.24	32.23	-	-	P	H
		70.74	27.13	-12.87	40	45.45	12.52	1.4	32.24	-	-	P	H
		162.89	24.39	-19.11	43.5	38.53	16.29	1.76	32.19	-	-	P	H
		256.98	28.06	-17.94	46	38.66	19.52	2.01	32.13	-	-	P	H
		538.28	26.48	-19.52	46	31.94	24.13	2.61	32.2	-	-	P	H
		846.74	32.99	-13.01	46	32.31	29.27	3.17	31.76	-	-	P	H
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													H
													H
													H
		43.58	32.82	-7.18	40	46.27	17.58	1.26	32.29	100	135	QP	H
		70.74	32.43	-7.57	40	50.75	12.52	1.4	32.24	-	-	P	V
		188.11	25.77	-17.73	43.5	41.38	14.79	1.8	32.2	-	-	P	V
		289.96	25.44	-20.56	46	36.32	19.1	2.11	32.09	-	-	P	V
		631.4	29.73	-16.27	46	32.75	26.43	2.77	32.22	-	-	P	V
		824.43	32.78	-13.22	46	33.4	28.1	3.11	31.83	-	-	P	V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH01 2412MHz + 802.11ax20 CH157 5785MHz + nRF CH25 2452MHz		4824	47.74	-26.26	74	45.58	32.44	6.99	37.27	-	-	P	H
		4904	47.36	-26.64	74	44.78	32.72	7.08	37.22	-	-	P	H
		7356	45.57	-28.43	74	55.81	36.76	9.91	56.91	-	-	P	H
		11570	45.77	-28.23	74	51.22	38.68	11.83	55.96	-	-	P	H
		17355	47.78	-20.42	68.2	51.13	38.8	14.31	56.46	-	-	P	H
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		4824	47.45	-26.55	74	45.29	32.44	6.99	37.27	-	-	P	V
		4904	46.13	-27.87	74	43.55	32.72	7.08	37.22	-	-	P	V
		7356	45.73	-28.27	74	55.97	36.76	9.91	56.91	-	-	P	V
		11570	45.98	-28.02	74	51.43	38.68	11.83	55.96	-	-	P	V
		17355	47.61	-20.59	68.2	50.96	38.8	14.31	56.46	-	-	P	V
													V
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													V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (SHF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH01 2412MHz + 802.11ax20 CH157 5785MHz + nRF CH25 2452MHz SHF		24344	40.79	-27.41	68.2	57.91	38.98	-2.48	53.62			P	H
		31376	42.02	-31.98	74	59.55	40.6	-1.58	56.55			P	H
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Emission below 1GHz

802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH01 2412MHz + 802.11ax20 CH157 5785MHz + nRF CH25 2452MHz LF		50.37	26.51	-13.49	40	43.41	14.05	1.27	32.22	-	-	P	H
		160.95	25.32	-18.18	43.5	39.45	16.31	1.75	32.19	-	-	P	H
		217.21	29.83	-16.17	46	45.08	15.07	1.86	32.18	-	-	P	H
		266.68	27.65	-18.35	46	38.07	19.66	2.04	32.12	-	-	P	H
		559.62	27.77	-18.23	46	31.16	26.18	2.64	32.21	-	-	P	H
		947.62	34.77	-11.23	46	31.57	30.9	3.31	31.01	-	-	P	H
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		43.58	31.83	-8.17	40	45.28	17.58	1.26	32.29	100	152	QP	H
		125.06	27.71	-15.79	43.5	40.79	17.6	1.57	32.25	-	-	P	V
		215.27	26.47	-17.03	43.5	41.97	14.83	1.85	32.18	-	-	P	V
		285.11	25.36	-20.64	46	36.48	18.9	2.08	32.1	-	-	P	V
		709.97	34.17	-11.83	46	36.58	26.8	2.91	32.12	-	-	P	V
		962.17	34.49	-19.51	54	31.03	31	3.34	30.88	-	-	P	V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH11 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz		2390	54.84	-19.16	74	49.49	27.5	14.93	37.08	200	2	P	H
		2390	47.09	-6.91	54	41.74	27.5	14.93	37.08	200	2	A	H
		4852	47.43	-26.57	74	45.06	32.6	7.02	37.25	-	-	P	H
		4924	46.93	-27.07	74	44.2	32.84	7.1	37.21	-	-	P	H
		7278	45.15	-28.85	74	55	37	9.92	56.77	-	-	P	H
		7386	45.27	-28.73	74	55.75	36.58	9.9	56.96	-	-	P	H
		11570	46.6	-27.4	74	52.05	38.68	11.83	55.96	-	-	P	H
		17355	48.21	-19.99	68.2	51.56	38.8	14.31	56.46	-	-	P	H
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		4852	47.94	-26.06	74	45.57	32.6	7.02	37.25	-	-	P	V
		4924	47.85	-26.15	74	45.12	32.84	7.1	37.21	-	-	P	V
		7278	46.16	-27.84	74	56.01	37	9.92	56.77	-	-	P	V
		7386	45.8	-28.2	74	56.28	36.58	9.9	56.96	-	-	P	V
		11570	46	-28	74	51.45	38.68	11.83	55.96	-	-	P	V
		17355	47.68	-20.52	68.2	51.03	38.8	14.31	56.46	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (SHF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH11 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz SHF		23976	41.32	-32.68	74	59.18	38.7	-2.65	53.91	-	-	P	H
		31278	42.02	-31.98	74	58.96	41.08	-1.59	56.43	-	-	P	H
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Emission below 1GHz

802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH11 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz LF		30	25.02	-14.98	40	30.95	25.3	1.08	32.31	-	-	P	H
		70.74	23.75	-16.25	40	42.07	12.52	1.4	32.24	-	-	P	H
		161.92	25.6	-17.9	43.5	39.83	16.21	1.75	32.19	-	-	P	H
		217.21	30.01	-15.99	46	45.26	15.07	1.86	32.18	-	-	P	H
		574.17	28.24	-17.76	46	31.97	25.82	2.66	32.21	-	-	P	H
		954.41	34.25	-11.75	46	30.88	31	3.32	30.95	-	-	P	H
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		43.58	30.78	-9.22	40	44.23	17.58	1.26	32.29	100	135	QP	H
		127.97	27.25	-16.25	43.5	40.41	17.5	1.59	32.25	-	-	P	V
		136.7	22.74	-20.76	43.5	35.86	17.5	1.61	32.23	-	-	P	V
		287.05	25.15	-20.85	46	36.18	18.98	2.09	32.1	-	-	P	V
		729.37	33.43	-12.57	46	35.08	27.49	2.95	32.09	-	-	P	V
		824.43	34.18	-11.82	46	34.8	28.1	3.11	31.83	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

802.11ax HE20_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz		4864	47.64	-26.36	74	45.22	32.63	7.04	37.25	-	-	P	H
		4952	47.83	-26.17	74	44.88	33.01	7.13	37.19	-	-	P	H
		7296	47.21	-26.79	74	57.09	37	9.92	56.8	-	-	P	H
		7428	45.18	-28.82	74	55.86	36.44	9.91	57.03	-	-	P	H
		11570	47.53	-26.47	74	52.98	38.68	11.83	55.96	-	-	P	H
		17355	48.22	-19.98	68.2	51.57	38.8	14.31	56.46	-	-	P	H
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		4864	52.27	-21.73	74	49.85	32.63	7.04	37.25	100	224	P	V
		4864	48.61	-5.39	54	46.19	32.63	7.04	37.25	100	224	A	V
		4952	47.6	-26.4	74	44.65	33.01	7.13	37.19	-	-	P	V
		7296	47	-27	74	56.88	37	9.92	56.8	-	-	P	V
		7428	46.65	-27.35	74	57.33	36.44	9.91	57.03	-	-	P	V
		11570	47.04	-26.96	74	52.49	38.68	11.83	55.96	-	-	P	V
		17355	47.99	-20.21	68.2	51.34	38.8	14.31	56.46	-	-	P	V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

802.11ax HE20_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (SHF @ 3m)

[illegible]



Emission below 1GHz

802.11ax HE20_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz LF		30	25.31	-14.69	40	31.24	25.3	1.08	32.31	-	-	P	H
		162.89	25.42	-18.08	43.5	39.56	16.29	1.76	32.19	-	-	P	H
		224.97	29.17	-16.83	46	43.65	15.8	1.89	32.17	-	-	P	H
		576.11	28.7	-17.3	46	32.46	25.78	2.68	32.22	-	-	P	H
		703.18	32.79	-13.21	46	35.39	26.63	2.9	32.13	-	-	P	H
		948.59	35.17	-10.83	46	31.92	30.94	3.31	31	-	-	P	H
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		43.58	32.8	-7.2	40	46.25	17.58	1.26	32.29	100	134	QP	H
		58.13	33.13	-6.87	40	52.26	11.8	1.32	32.25	-	-	P	V
		128.94	30.05	-13.45	43.5	43.12	17.59	1.59	32.25	-	-	P	V
		288.02	25.61	-20.39	46	36.58	19.02	2.1	32.09	-	-	P	V
		558.65	27.8	-18.2	46	31.25	26.12	2.64	32.21	-	-	P	V
		944.71	34.11	-11.89	46	31.06	30.79	3.3	31.04	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz		2388	51.95	-22.05	74	46.62	27.48	14.93	37.08	100	329	P	H
		2388	44.1	-9.9	54	38.77	27.48	14.93	37.08	100	329	A	H
		4864	47.43	-26.57	74	45.01	32.63	7.04	37.25	-	-	P	H
		4952	47.55	-26.45	74	44.6	33.01	7.13	37.19	-	-	P	H
		7296	48	-26	74	57.88	37	9.92	56.8	-	-	P	H
		7428	45.85	-28.15	74	56.53	36.44	9.91	57.03	-	-	P	H
		11570	46.69	-27.31	74	52.14	38.68	11.83	55.96	-	-	P	H
		17355	47.93	-20.27	68.2	51.28	38.8	14.31	56.46	-	-	P	H
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		2388	55.84	-18.16	74	50.51	27.48	14.93	37.08	185	148	P	V
		2388	47.8	-6.2	54	42.47	27.48	14.93	37.08	185	148	A	V
		4864	52.57	-21.43	74	50.15	32.63	7.04	37.25	100	229	P	V
		4864	48.66	-5.34	54	46.24	32.63	7.04	37.25	100	229	A	V
		4952	47.59	-26.41	74	44.64	33.01	7.13	37.19	-	-	P	V
		7296	46.59	-27.41	74	56.47	37	9.92	56.8	-	-	P	V
		7428	45.92	-28.08	74	56.6	36.44	9.91	57.03	-	-	P	V
		11570	46.8	-27.2	74	52.25	38.68	11.83	55.96	-	-	P	V
		17355	48.19	-20.01	68.2	51.54	38.8	14.31	56.46	-	-	P	V
													V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (SHF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz SHF		24760	40.86	-27.34	68.2	57.56	39.12	-2.42	53.4	-	-	P	H
		31306	42.69	-31.31	74	59.89	40.86	-1.59	56.47	-	-	P	H
													H
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Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Emission below 1GHz

802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz LF		31.94	32.96	-7.04	40	40.04	24.14	1.12	32.34	-	-	P	H
		52.31	27.29	-12.71	40	45.03	13.24	1.25	32.23	-	-	P	H
		159.01	25.7	-17.8	43.5	39.54	16.6	1.75	32.19	-	-	P	H
		256.01	27.68	-18.32	46	38.45	19.36	2	32.13	-	-	P	H
		711.91	34.5	-11.5	46	36.83	26.88	2.91	32.12	-	-	P	H
		947.62	34.27	-11.73	46	31.07	30.9	3.31	31.01	-	-	P	H
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													H
		42.61	31.76	-8.24	40	44.51	18.3	1.25	32.3	100	132	QP	H
		120.21	30.08	-13.42	43.5	43.3	17.48	1.56	32.26	-	-	P	V
		200.72	21.76	-21.74	43.5	37.16	15.01	1.79	32.2	-	-	P	V
		291.9	25.34	-20.66	46	36.18	19.14	2.11	32.09	-	-	P	V
		552.83	28.1	-17.9	46	32.12	25.55	2.63	32.2	-	-	P	V
		718.7	36.97	-9.03	46	39.01	27.15	2.92	32.11	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH01 2412MHz + 802.11ax20 CH157 5785MHz + nRF CH25 2452MHz		4824	46.62	-27.38	74	44.46	32.44	6.99	37.27	-	-	P	H
		4904	47.58	-26.42	74	45	32.72	7.08	37.22	-	-	P	H
		7356	47.08	-26.92	74	57.32	36.76	9.91	56.91	-	-	P	H
		11570	46.27	-27.73	74	51.72	38.68	11.83	55.96	-	-	P	H
		17355	47.11	-21.09	68.2	50.46	38.8	14.31	56.46	-	-	P	H
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		4824	47.33	-26.67	74	45.17	32.44	6.99	37.27	-	-	P	V
		4904	47.39	-26.61	74	44.81	32.72	7.08	37.22	-	-	P	V
		7356	45.93	-28.07	74	56.17	36.76	9.91	56.91	-	-	P	V
		11570	46.49	-27.51	74	51.94	38.68	11.83	55.96	-	-	P	V
		17355	47.95	-20.25	68.2	51.3	38.8	14.31	56.46	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (SHF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH01 2412MHz + 802.11ax20 CH157 5785MHz + nRF CH25 2452MHz SHF		23336	40.5	-27.7	68.2	58.83	38.7	-2.73	54.3	-	-	P	H
		31320	41.6	-32.4	74	58.89	40.78	-1.59	56.48	-	-	P	H
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Emission below 1GHz

802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH01 2412MHz + 802.11ax20 CH157 5785MHz + nRF CH25 2452MHz LF		30	25.51	-14.49	40	31.44	25.3	1.08	32.31	-	-	P	H
		90.14	22.19	-21.31	43.5	38.41	14.61	1.44	32.27	-	-	P	H
		159.01	24.98	-18.52	43.5	38.82	16.6	1.75	32.19	-	-	P	H
		215.27	28.85	-14.65	43.5	44.35	14.83	1.85	32.18	-	-	P	H
		476.2	26.14	-19.86	46	32.34	23.52	2.46	32.18	-	-	P	H
		856.44	32.5	-13.5	46	31.68	29.34	3.19	31.71	-	-	P	H
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		43.58	31.82	-8.18	40	45.27	17.58	1.26	32.29	100	145	QP	H
		125.06	28.86	-14.64	43.5	41.94	17.6	1.57	32.25	-	-	P	V
		191.02	24.36	-19.14	43.5	40.06	14.7	1.8	32.2	-	-	P	V
		288.02	25.59	-20.41	46	36.56	19.02	2.1	32.09	-	-	P	V
		741.98	31.66	-14.34	46	32.64	28.12	2.96	32.06	-	-	P	V
		901.06	34.29	-11.71	46	33.46	29.02	3.23	31.42	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH11 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz		2390	59.6	-14.4	74	54.25	27.5	14.93	37.08	200	350	P	H
		2390	50.7	-3.3	54	45.35	27.5	14.93	37.08	200	350	A	H
		4852	45.96	-28.04	74	43.59	32.6	7.02	37.25	-	-	P	H
		4924	48.52	-25.48	74	45.79	32.84	7.1	37.21	-	-	P	H
		7278	47.23	-26.77	74	57.08	37	9.92	56.77	-	-	P	H
		7386	46.92	-27.08	74	57.4	36.58	9.9	56.96	-	-	P	H
		11570	45.98	-28.02	74	51.43	38.68	11.83	55.96	-	-	P	H
		17355	46.93	-21.27	68.2	50.28	38.8	14.31	56.46	-	-	P	H
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		4852	47.2	-26.8	74	44.83	32.6	7.02	37.25	-	-	P	V
		4924	49.3	-24.7	74	46.57	32.84	7.1	37.21	100	52	P	V
		4924	42.95	-11.05	54	40.22	32.84	7.1	37.21	100	52	A	V
		7278	46.66	-27.34	74	56.51	37	9.92	56.77	-	-	P	V
		7386	45.51	-28.49	74	55.99	36.58	9.9	56.96	-	-	P	V
		11570	46.35	-27.65	74	51.8	38.68	11.83	55.96	-	-	P	V
		17355	47.86	-20.34	68.2	51.21	38.8	14.31	56.46	-	-	P	V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (SHF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH11 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz SHF		24736	40.98	-27.22	68.2	57.64	39.16	-2.41	53.41	-	-	P	H
		31320	42.09	-31.91	74	59.38	40.78	-1.59	56.48	-	-	P	H
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Remark	1.	No other spurious found.											
	2.	All results are PASS against Peak and Average limit line.											
	3.	The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.											



Emission below 1GHz

802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax20 CH11 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz LF		30	25.22	-14.78	40	31.15	25.3	1.08	32.31	-	-	P	H
		160.95	24.08	-19.42	43.5	38.21	16.31	1.75	32.19	-	-	P	H
		221.09	29.32	-16.68	46	44.12	15.49	1.88	32.17	-	-	P	H
		557.68	27.89	-18.11	46	31.39	26.06	2.64	32.2	-	-	P	H
		864.2	32.66	-13.34	46	32.01	29.12	3.19	31.66	-	-	P	H
		963.14	34.2	-19.8	54	30.73	31	3.34	30.87	-	-	P	H
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		43.58	31.84	-8.16	40	45.29	17.58	1.26	32.29	100	127	QP	H
		121.18	23.56	-19.94	43.5	36.83	17.42	1.57	32.26	-	-	P	V
		189.08	25.92	-17.58	43.5	41.63	14.7	1.79	32.2	-	-	P	V
		287.05	25.99	-20.01	46	37.02	18.98	2.09	32.1	-	-	P	V
		567.38	28.61	-17.39	46	32.17	26	2.65	32.21	-	-	P	V
		952.47	34.95	-11.05	46	31.61	31	3.31	30.97	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH15 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz		4864	46.81	-27.19	74	44.39	32.63	7.04	37.25	-	-	P	H
		4952	47.65	-26.35	74	44.7	33.01	7.13	37.19	-	-	P	H
		7297	46.39	-27.61	74	56.27	37	9.92	56.8	-	-	P	H
		7428	45.87	-28.13	74	56.55	36.44	9.91	57.03	-	-	P	H
		11570	46.01	-27.99	74	51.46	38.68	11.83	55.96	-	-	P	H
		17355	47.8	-20.4	68.2	51.15	38.8	14.31	56.46	-	-	P	H
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		4864	47.48	-26.52	74	45.06	32.63	7.04	37.25	-	-	P	V
		4952	47.57	-26.43	74	44.62	33.01	7.13	37.19	-	-	P	V
		7297	47.6	-26.4	74	57.48	37	9.92	56.8	-	-	P	V
		7428	45.44	-28.56	74	56.12	36.44	9.91	57.03	-	-	P	V
		11570	46.2	-27.8	74	51.65	38.68	11.83	55.96	-	-	P	V
		17355	47.53	-20.67	68.2	50.88	38.8	14.31	56.46	-	-	P	V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Emission above 18GHz

Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (SHF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH15 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz SHF		24792	41.19	-27.01	68.2	57.81	39.18	-2.42	53.38	-	-	P	H
		31376	42.01	-31.99	74	59.54	40.6	-1.58	56.55	-	-	P	H
													H
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													H
													H
SHF		24640	40.87	-27.33	68.2	57.54	39.18	-2.41	53.44	-	-	P	V
		31390	41.82	-32.18	74	59.37	40.6	-1.58	56.57	-	-	P	V
													V
													V
													V
													V
													V
													V
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													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Emission below 1GHz

Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH15 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz LF		87.23	27.09	-12.91	40	43.66	14.25	1.43	32.25	-	-	P	H
		160.95	28.37	-15.13	43.5	42.5	16.31	1.75	32.19	-	-	P	H
		213.33	32.98	-10.52	43.5	48.41	14.9	1.85	32.18	-	-	P	H
		562.53	29.13	-16.87	46	32.54	26.15	2.65	32.21	-	-	P	H
		833.16	32.45	-13.55	46	32.42	28.69	3.14	31.8	-	-	P	H
		955.38	34.51	-11.49	46	31.13	31	3.32	30.94	-	-	P	H
													H
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													H
													H
													H
		30	33.31	-6.69	40	39.24	25.3	1.08	32.31	-	-	P	H
		43.58	30.3	-9.7	40	43.75	17.58	1.26	32.29	100	185	QP	V
		192.96	30.11	-13.39	43.5	45.71	14.8	1.8	32.2	-	-	P	V
		287.05	25.69	-20.31	46	36.72	18.98	2.09	32.1	-	-	P	V
		614.91	28.67	-17.33	46	32.35	25.8	2.74	32.22	-	-	P	V
		848.68	32.72	-13.28	46	31.94	29.35	3.18	31.75	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												

2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (Harmonic @ 3m)

[illegible]

Emission above 18GHz

Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (SHF @ 3m)

[illegible]



Emission below 1GHz

Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH10 2412MHz + 802.11ax20 CH157 5785MHz + nRF CH25 2452MHz LF		30	31.61	-8.39	40	37.54	25.3	1.08	32.31	-	-	P	H
		161.92	27.06	-16.44	43.5	41.29	16.21	1.75	32.19	-	-	P	H
		204.6	29.23	-14.27	43.5	44.52	15.09	1.81	32.19	-	-	P	H
		288.99	36.53	-9.47	46	47.46	19.06	2.1	32.09	-	-	P	H
		441.28	31.98	-14.02	46	38.85	22.9	2.39	32.16	-	-	P	H
		911.73	33.38	-12.62	46	32.2	29.27	3.24	31.33	-	-	P	H
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													H
													H
													H
		44.55	32.24	-7.76	40	46.21	17.03	1.27	32.27	100	135	QP	H
		199.75	34.34	-9.16	43.5	49.75	15	1.79	32.2	-	-	P	V
		389.87	28.74	-17.26	46	36.99	21.59	2.28	32.12	-	-	P	V
		557.68	32.26	-13.74	46	35.76	26.06	2.64	32.2	-	-	P	V
		762.35	31.24	-14.76	46	31.97	28.3	2.99	32.02	-	-	P	V
		930.16	33.13	-12.87	46	31	30.01	3.28	31.16	-	-	P	V
													V
													V
													V
													V
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													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH30 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz		2390	53.47	-20.53	74	48.12	27.5	14.93	37.08	141	356	P	H
		2390	44.84	-9.16	54	39.49	27.5	14.93	37.08	141	356	A	H
		4852	47.26	-26.74	74	44.89	32.6	7.02	37.25	-	-	P	H
		4924	47.02	-26.98	74	44.29	32.84	7.1	37.21	-	-	P	H
		7278	46.5	-27.5	74	56.35	37	9.92	56.77	-	-	P	H
		7386	45.65	-28.35	74	56.13	36.58	9.9	56.96	-	-	P	H
		11570	46.21	-27.79	74	51.66	38.68	11.83	55.96	-	-	P	H
		17355	47.63	-20.57	68.2	50.98	38.8	14.31	56.46	-	-	P	H
													H
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													H
													H
		2390	51.18	-22.82	74	45.83	27.5	14.93	37.08	300	220	P	V
		2390	42.3	-11.7	54	36.95	27.5	14.93	37.08	300	220	A	V
		4852	47.45	-26.55	74	45.08	32.6	7.02	37.25	-	-	P	V
		4924	47.04	-26.96	74	44.31	32.84	7.1	37.21	-	-	P	V
		7278	46.62	-27.38	74	56.47	37	9.92	56.77	-	-	P	V
		7386	45.67	-28.33	74	56.15	36.58	9.9	56.96	-	-	P	V
		11570	45.75	-28.25	74	51.2	38.68	11.83	55.96	-	-	P	V
		17355	47.27	-20.93	68.2	50.62	38.8	14.31	56.46	-	-	P	V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Emission above 18GHz

Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (SHF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH30 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz SHF		24360	41.21	-26.99	68.2	58.29	39	-2.47	53.61	-	-	P	H
		31250	41.92	-32.08	74	58.62	41.3	-1.6	56.4	-	-	P	H
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													H
SHF		24680	40.76	-27.44	68.2	57.34	39.26	-2.41	53.43	-	-	P	V
		31264	43.06	-30.94	74	59.88	41.19	-1.59	56.42	-	-	P	V
													V
													V
													V
													V
													V
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													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Emission below 1GHz

Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH30 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz LF		31.94	25.19	-14.81	40	32.27	24.14	1.05	32.34	-	-	P	H
		159.98	25.42	-18.08	43.5	39.36	16.5	1.63	32.19	-	-	P	H
		222.06	29.61	-16.39	46	44.34	15.56	1.8	32.17	-	-	P	H
		497.54	25.27	-20.73	46	31.1	23.85	2.41	32.19	-	-	P	H
		729.37	35.06	-10.94	46	36.71	27.49	2.8	32.09	-	-	P	H
		913.67	32.82	-13.18	46	31.52	29.35	3.06	31.31	-	-	P	H
													H
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													H
													H
													H
		43.58	37.77	-2.23	40	51.22	17.58	1.13	32.29	-	-	P	H
		58.13	32.99	-7.01	40	52.12	11.8	1.24	32.25	-	-	P	V
		122.15	30.68	-12.82	43.5	43.87	17.5	1.5	32.26	-	-	P	V
		193.93	26.79	-16.71	43.5	42.4	14.8	1.72	32.2	-	-	P	V
		325.85	34.3	-11.7	46	44.54	19.63	2.07	32.06	-	-	P	V
		424.79	38.34	-7.66	46	45.34	22.8	2.26	32.15	-	-	P	V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH15 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz		4864	47.23	-26.77	74	44.81	32.63	7.04	37.25	-	-	P	H
		4952	47.71	-26.29	74	44.76	33.01	7.13	37.19	-	-	P	H
		7296	46.76	-27.24	74	56.64	37	9.92	56.8	-	-	P	H
		7428	45.72	-28.28	74	56.4	36.44	9.91	57.03	-	-	P	H
		11565	46.94	-27.06	74	52.36	38.71	11.83	55.96	-	-	P	H
		17355	47.06	-21.14	68.2	50.41	38.8	14.31	56.46	-	-	P	H
													H
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													H
													H
													H
		4864	47.1	-26.9	74	44.68	32.63	7.04	37.25	-	-	P	V
		4952	47.87	-26.13	74	44.92	33.01	7.13	37.19	-	-	P	V
		7296	47.74	-26.26	74	57.62	37	9.92	56.8	-	-	P	V
		7428	45.22	-28.78	74	55.9	36.44	9.91	57.03	-	-	P	V
		11565	45.77	-28.23	74	51.19	38.71	11.83	55.96	-	-	P	V
		17355	47.81	-20.39	68.2	51.16	38.8	14.31	56.46	-	-	P	V
													V
													V
													V
													V
													V
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													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Emission above 18GHz

Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (SHF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH15 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz SHF		24336	40.62	-27.58	68.2	57.79	38.94	-2.48	53.63	-	-	P	H
		31292	43.49	-30.51	74	60.57	40.96	-1.59	56.45	-	-	P	H
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Remark	1.	No other spurious found.											
	2.	All results are PASS against Peak and Average limit line.											
	3.	The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.											
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Emission below 1GHz

Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH15 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz LF		31.94	25.84	-14.16	40	32.92	24.14	1.12	32.34	-	-	P	H
		69.77	27.97	-12.03	40	46.53	12.28	1.4	32.24	-	-	P	H
		213.33	29.27	-14.23	43.5	44.7	14.9	1.85	32.18	-	-	P	H
		581.93	27.88	-18.12	46	31.76	25.66	2.68	32.22	-	-	P	H
		703.18	31.61	-14.39	46	34.21	26.63	2.9	32.13	-	-	P	H
		957.32	34.6	-11.4	46	31.21	31	3.32	30.93	-	-	P	H
													H
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													H
													H
		30.97	32.59	-7.41	40	39	24.81	1.1	32.32	-	-	P	H
		43.58	32.8	-7.2	40	46.25	17.58	1.26	32.29	100	144	QP	V
		125.06	26.47	-17.03	43.5	39.55	17.6	1.57	32.25	-	-	P	V
		191.02	25.66	-17.84	43.5	41.36	14.7	1.8	32.2	-	-	P	V
		289.96	24.76	-21.24	46	35.64	19.1	2.11	32.09	-	-	P	V
		703.18	31.2	-14.8	46	33.8	26.63	2.9	32.13	-	-	P	V
													V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												

2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)	
BLE CH10 2412MHz + 802.11ax20 CH157 5785MHz + nRF CH25 2452MHz		4824	47	-27	74	44.84	32.44	6.99	37.27	-	-	P	H	
		4904	46.74	-27.26	74	44.16	32.72	7.08	37.22	-	-	P	H	
		7356	46	-28	74	56.24	36.76	9.91	56.91	-	-	P	H	
		11570	46.01	-27.99	74	51.46	38.68	11.83	55.96	-	-	P	H	
		17355	47.99	-20.21	68.2	51.34	38.8	14.31	56.46	-	-	P	H	
														H
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														H
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		4824	47.9	-26.1	74	45.74	32.44	6.99	37.27	-	-	P	V	
		4904	47.63	-26.37	74	45.05	32.72	7.08	37.22	-	-	P	V	
		7356	46.29	-27.71	74	56.53	36.76	9.91	56.91	-	-	P	V	
		11570	46.8	-27.2	74	52.25	38.68	11.83	55.96	-	-	P	V	
		17355	47.83	-20.37	68.2	51.18	38.8	14.31	56.46	-	-	P	V	
														V
														V
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													V	
													V	
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													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.													

Emission above 18GHz

Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (SHF @ 3m)

[illegible]



Emission below 1GHz

Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH10 2412MHz + 802.11ax20 CH157 5785MHz + nRF CH25 2452MHz LF		51.34	28.23	-11.77	40	45.57	13.63	1.26	32.23	-	-	P	H
		189.08	27.98	-15.52	43.5	43.69	14.7	1.79	32.2	-	-	P	H
		219.15	28.64	-17.36	46	43.66	15.3	1.86	32.18	-	-	P	H
		389.87	23.32	-22.68	46	31.57	21.59	2.28	32.12	-	-	P	H
		715.79	31.37	-14.63	46	33.53	27.03	2.92	32.11	-	-	P	H
		952.47	34.58	-11.42	46	31.24	31	3.31	30.97	-	-	P	H
													H
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													H
													H
		43.58	32.76	-7.24	40	46.21	17.58	1.26	32.29	100	162	QP	H
		127	30.74	-12.76	43.5	43.81	17.6	1.58	32.25	-	-	P	V
		187.14	23.87	-19.63	43.5	39.48	14.8	1.79	32.2	-	-	P	V
		287.05	26.08	-19.92	46	37.11	18.98	2.09	32.1	-	-	P	V
		559.62	28.25	-17.75	46	31.64	26.18	2.64	32.21	-	-	P	V
		959.26	35.05	-10.95	46	31.63	31	3.33	30.91	-	-	P	V
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Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH30 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz		2390	53.35	-20.65	74	48	27.5	14.93	37.08	300	355	P	H
		2390	45.22	-8.78	54	39.87	27.5	14.93	37.08	300	355	A	H
		4852	47.1	-26.9	74	44.73	32.6	7.02	37.25	-	-	P	H
		4924	46.48	-27.52	74	43.75	32.84	7.1	37.21	-	-	P	H
		7278	46.33	-27.67	74	56.18	37	9.92	56.77	-	-	P	H
		7386	45.32	-28.68	74	55.8	36.58	9.9	56.96	-	-	P	H
		11570	46.27	-27.73	74	51.72	38.68	11.83	55.96	-	-	P	H
		17355	47.44	-20.76	68.2	50.79	38.8	14.31	56.46	-	-	P	H
													H
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		2390	51.53	-22.47	74	46.18	27.5	14.93	37.08	100	180	P	V
		2390	42.7	-11.3	54	37.35	27.5	14.93	37.08	100	180	A	V
		4852	47.09	-26.91	74	44.72	32.6	7.02	37.25	-	-	P	V
		4924	46.91	-27.09	74	44.18	32.84	7.1	37.21	-	-	P	V
		7278	46.31	-27.69	74	56.16	37	9.92	56.77	-	-	P	V
		7386	46.24	-27.76	74	56.72	36.58	9.9	56.96	-	-	P	V
		11570	46.09	-27.91	74	51.54	38.68	11.83	55.96	-	-	P	V
		17355	47.81	-20.39	68.2	51.16	38.8	14.31	56.46	-	-	P	V
													V
													V
													V
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													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (SHF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH30 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz SHF		24768	40.97	-27.23	68.2	57.64	39.14	-2.42	53.39	-	-	P	H
		31236	44.12	-29.88	74	60.69	41.41	-1.6	56.38	-	-	P	H
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Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												



Emission below 1GHz

Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (LF @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE CH30 2462MHz + 802.11ax20 CH157 5785MHz + nRF CH12 2426MHz LF		30.97	25.08	-14.92	40	31.49	24.81	1.1	32.32	-	-	P	H
		72.68	26.1	-13.9	40	44.3	12.63	1.4	32.23	-	-	P	H
		160.95	25.46	-18.04	43.5	39.59	16.31	1.75	32.19	-	-	P	H
		216.24	28.55	-17.45	46	43.92	14.95	1.86	32.18	-	-	P	H
		635.28	28.78	-17.22	46	31.73	26.5	2.77	32.22	-	-	P	H
		952.47	34.81	-11.19	46	31.47	31	3.31	30.97	-	-	P	H
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													H
		30.97	33.88	-6.12	40	40.29	24.81	1.1	32.32	-	-	P	H
		42.61	32.56	-7.44	40	45.31	18.3	1.25	32.3	100	150	QP	V
		124.09	29.34	-14.16	43.5	42.6	17.42	1.57	32.25	-	-	P	V
		290.93	25.83	-20.17	46	36.69	19.12	2.11	32.09	-	-	P	V
		622.67	28.84	-17.16	46	32.15	26.16	2.75	32.22	-	-	P	V
		935.98	34.35	-11.65	46	31.82	30.36	3.28	31.11	-	-	P	V
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													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is Margin line.
P/A	Peak or Average
H/V	Horizontal or Vertical

A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		5150	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

- Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
- Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
- Margin (dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 5150MHz:

- Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
- Margin (dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 5150MHz:

- Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
- Margin (dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54 (dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix B. Radiated Spurious Emission Plots

Test Engineer :	Jacky Hung , Mancy Chou and Rain Lee	Temperature :	20~26°C
		Relative Humidity :	40~65%

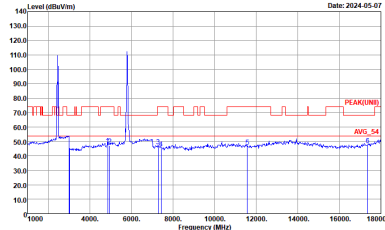
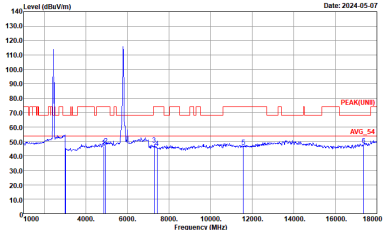
Note symbol

-L	Low channel location
-R	High channel location



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

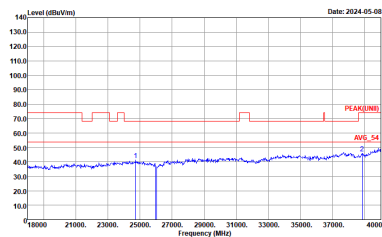
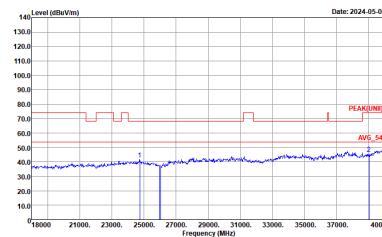
802.11ax HE20_Tx_Ch05 + 802.11ax HE20_Tx_CH157 +nRF_Tx_CH37 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	802.11ax20 CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 HORIZONTAL :	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 VERTICAL :



Emission above 18GHz

802.11ax HE20_Tx_Ch05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (SHF @ 3m)

	SHF @ 1m	
Ant.	802.11ax20 CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL :	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL :



Emission below 1GHz

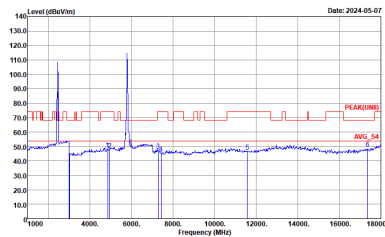
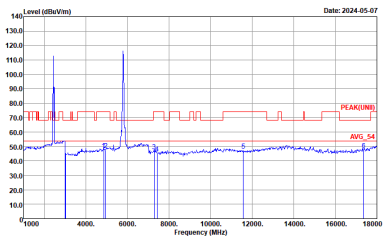
802.11ax HE20_Tx_Ch05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (LF @ 3m)

	LF @ 3m	
Ant.	802.11ax20 CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak /QP		



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

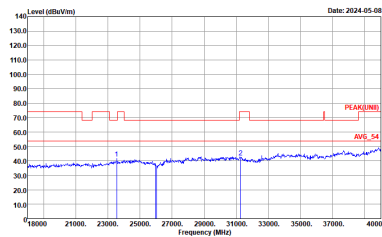
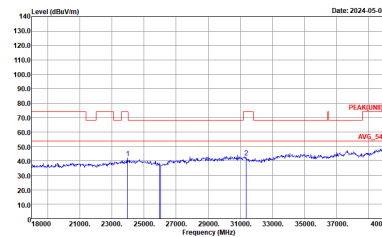
802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	802.11b CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 HORIZONTAL :	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 VERTICAL :



Emission above 18GHz

802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (SHF @ 3m)

	SHF @ 1m	
Ant.	802.11b CH05 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL :	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL :



Emission below 1GHz

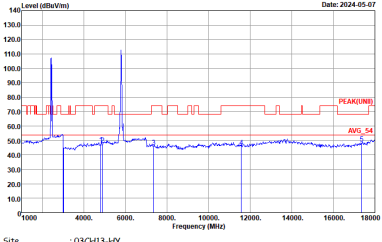
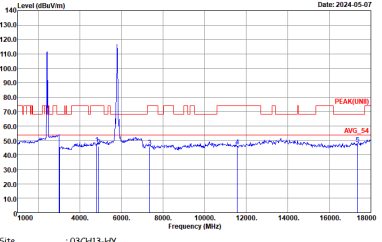
802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (LF @ 3m)

	LF @ 3m	
Ant.	802.11b CH05 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak /QP		



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

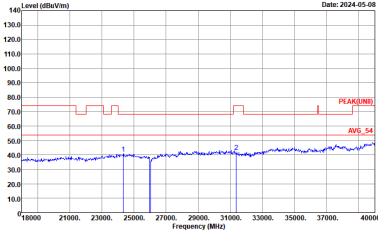
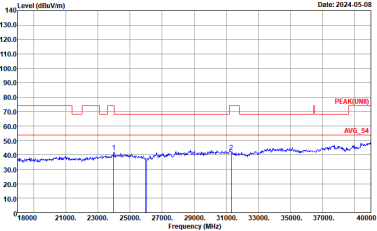
802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	802.11ax20 CH01 2412MHz +802.11ax20 CH157 5785MHz +nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1326 HORIZONTAL :	 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1326 VERTICAL :



Emission above 18GHz

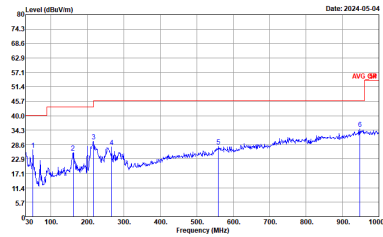
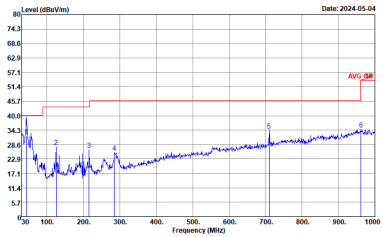
802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (SHF @ 3m)

	SHF @ 1m	
Ant.	802.11ax20 CH01 2412MHz + 802.11ax20 CH157 5785MHz + nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL :	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL :



Emission below 1GHz

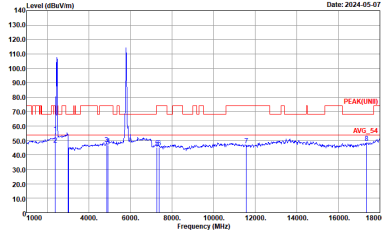
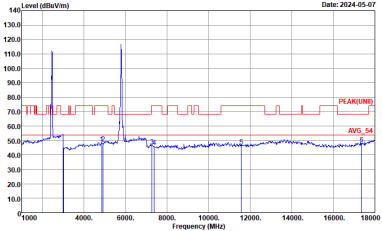
802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (LF @ 3m)

	LF @ 3m	
Ant.	802.11ax20 CH01 2412MHz + 802.11ax20 CH157 5785MHz + nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak /QP	 Site : 03CH13-HV Condition : QP 3m B1L06_40103 HORIZONTAL :	 Site : 03CH13-HV Condition : QP 3m B1L06_40103 VERTICAL :



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

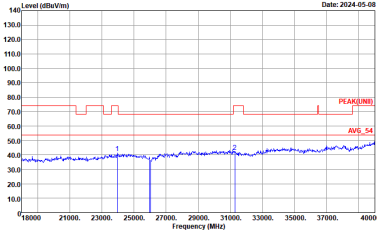
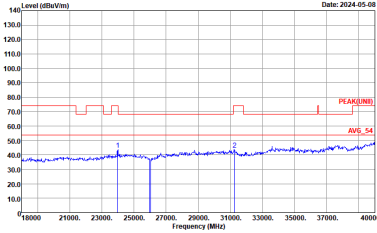
802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	802.11ax20 CH11 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-1HY Condition : PEAK(UNIT) 3m HORN_91200_1326 HORIZONTAL :	 Site : 03CH13-1HY Condition : PEAK(UNIT) 3m HORN_91200_1326 VERTICAL :



Emission above 18GHz

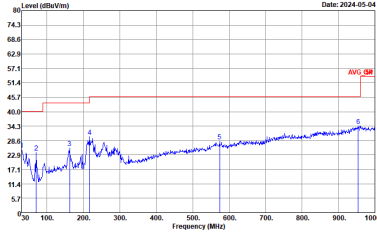
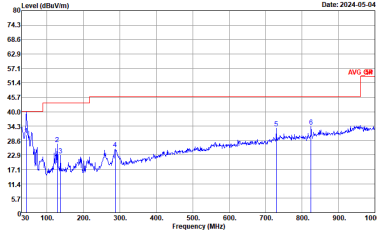
802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (SHF @ 3m)

	SHF @ 1m	
Ant.	802.11ax20 CH11 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-1HY Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL :	 Site : 03CH13-1HY Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL :



Emission below 1GHz

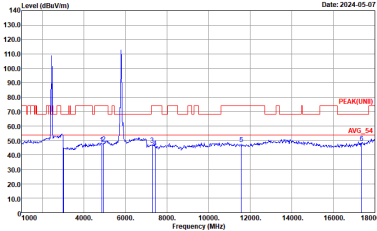
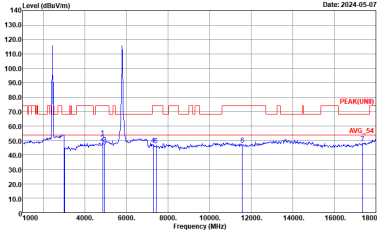
802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (LF @ 3m)

	LF @ 3m	
Ant.	802.11ax20 CH11 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak /QP	 Site : 03CH13-1HY Condition : QP 3m B1LOG_40103 HORIZONTAL :	 Site : 03CH13-1HY Condition : QP 3m B1LOG_40103 VERTICAL :



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

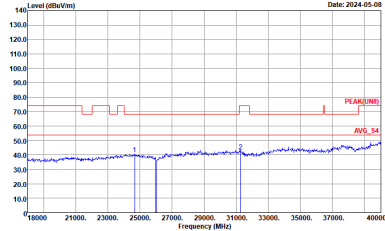
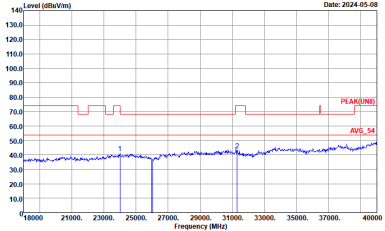
802.11ax HE20_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	802.11ax20 CH05 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 HORIZONTAL :	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 VERTICAL :



Emission above 18GHz

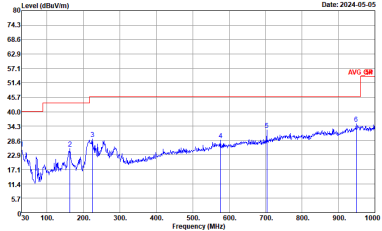
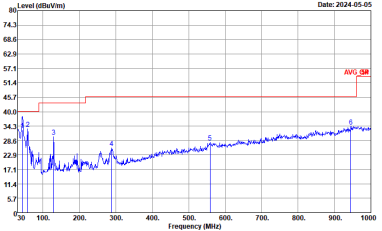
802.11ax HE20_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (SHF @ 3m)

	SHF @ 1m	
Ant.	802.11ax20 CH05 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HV Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL :	 Site : 03CH13-HV Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL :



Emission below 1GHz

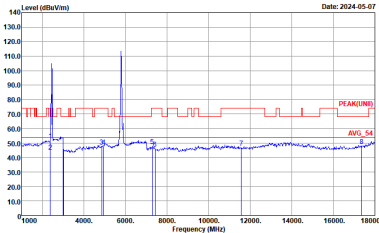
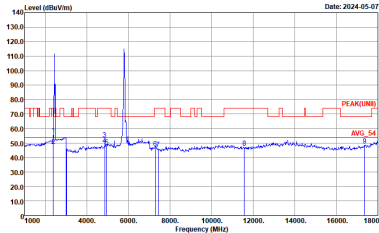
802.11ax HE20_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (LF @ 3m)

	LF @ 3m	
Ant.	802.11ax20 CH05 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak /QP	 Site : 03CH13-HV Condition : QP 3m BILOG_40103 HORIZONTAL :	 Site : 03CH13-HV Condition : QP 3m BILOG_40103 VERTICAL :



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

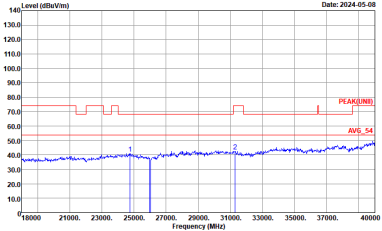
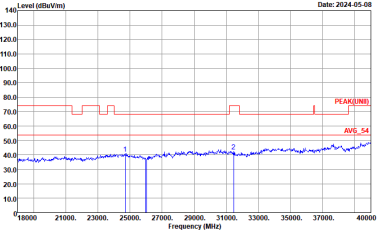
802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	802.11b CH05 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1326 HORIZONTAL : .	 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1326 VERTICAL : .



Emission above 18GHz

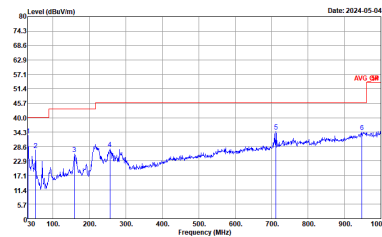
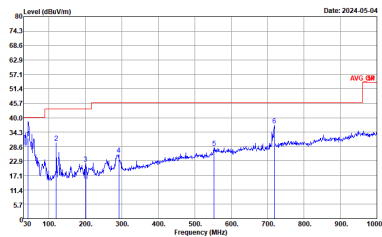
802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (SHF @ 3m)

	SHF @ 1m	
Ant.	802.11b CH05 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HV Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL :	 Site : 03CH13-HV Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL :



Emission below 1GHz

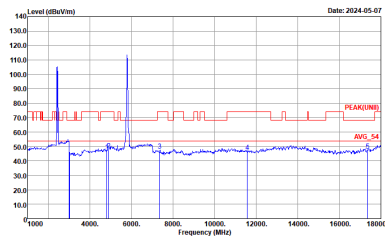
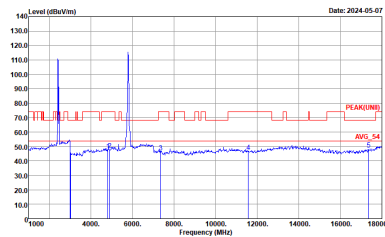
802.11b_Tx_CH05 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (LF @ 3m)

	LF @ 3m	
Ant.	802.11b CH05 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak /QP	 Site : 03CH13-HV Condition : QP 3m BILOG_40103 HORIZONTAL :	 Site : 03CH13-HV Condition : QP 3m BILOG_40103 VERTICAL :



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

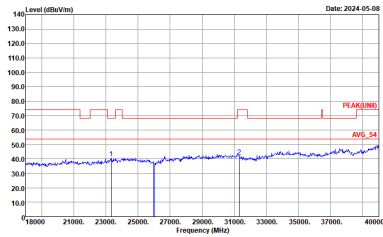
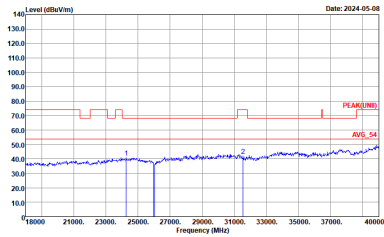
802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	802.11ax20 CH01 2412MHz +802.11ax20 CH157 5785MHz +nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 HORIZONTAL :	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 VERTICAL :



Emission above 18GHz

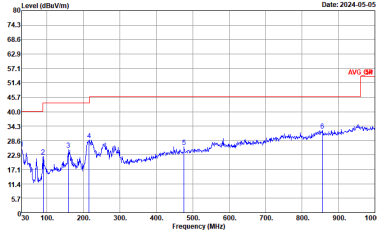
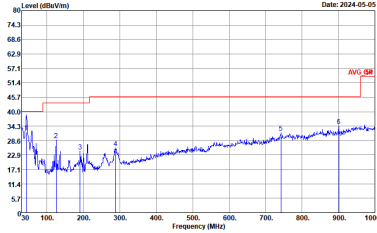
802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (SHF @ 3m)

	SHF @ 1m	
Ant.	802.11ax20 CH01 2412MHz +802.11ax20 CH157 5785MHz +nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HV Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL :	 Site : 03CH13-HV Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL :



Emission below 1GHz

802.11ax HE20_Tx_CH01 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (LF @ 3m)

	LF @ 3m	
Ant.	802.11ax20 CH01 2412MHz +802.11ax20 CH157 5785MHz +nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak /QP	 Site : 03CH13-14V Condition : QP 3m BILOG_40103 HORIZONTAL :	 Site : 03CH13-14V Condition : QP 3m BILOG_40103 VERTICAL :



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

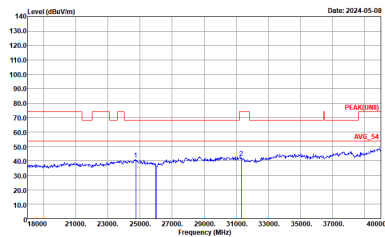
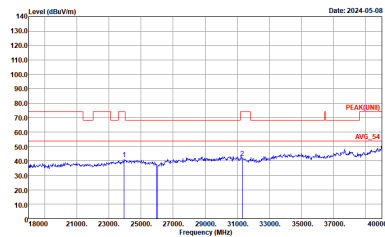
802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	802.11ax20 CH11 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.		



Emission above 18GHz

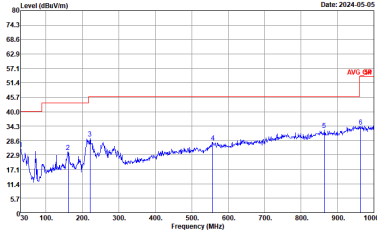
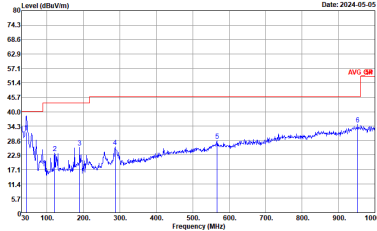
802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (SHF @ 3m)

	SHF @ 1m	
Ant.	802.11ax20 CH11 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HV Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL :	 Site : 03CH13-HV Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL :



Emission below 1GHz

802.11ax HE20_Tx_CH11 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (LF @ 3m)

	LF @ 3m	
Ant.	802.11ax20 CH11 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak /QP	 Site : 03CH13-HV Condition : QP 3m BILO6_40103 HORIZONTAL :	 Site : 03CH13-HV Condition : QP 3m BILO6_40103 VERTICAL :



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	BLE CH15 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.		



Emission above 18GHz

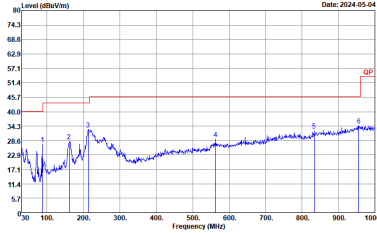
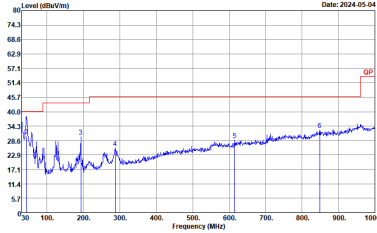
Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (SHF @ 3m)

	SHF @ 1m	
Ant.	BLE CH15 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2024-05-08 Site : 03CH13-1HY Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL :	Level (dBuV/m) Date: 2024-05-08 Site : 03CH13-1HY Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL :



Emission below 1GHz

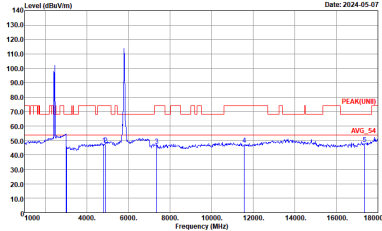
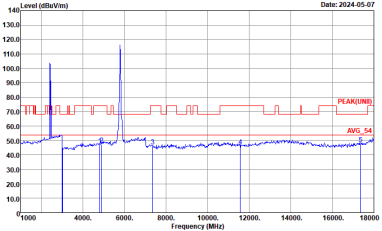
Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (LF @ 3m)

	LF @ 3m	
Ant.	BLE CH15 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak /QP	 Site : 03CH13-14V Condition : QP 3m BIL06_40103 HORIZONTAL :	 Site : 03CH13-14V Condition : QP 3m BIL06_40103 VERTICAL :



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	BLE CH10 2412MHz +802.11ax20 CH157 5785MHz +nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1326 VERTICAL :	 Site : 03CH13-HY Condition : PEAK(UNIT) 3m HORN_9120D_1326 VERTICAL :



Emission above 18GHz

Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (SHF @ 3m)

	SHF @ 1m	
Ant.	BLE CH10 2412MHz +802.11ax20 CH157 5785MHz +nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	140 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0 Level (dBuV/m) Date: 2024-05-08 18000 21000 23000 25000 27000 29000 31000 33000 35000 37000 40000 Frequency (MHz) Site : 03CH13-14V Condition : PEAK(UNIT) Im SHF_00993 HORIZONTAL :	140 130.0 120.0 110.0 100.0 90.0 80.0 70.0 60.0 50.0 40.0 30.0 20.0 10.0 0 Level (dBuV/m) Date: 2024-05-08 18000 21000 23000 25000 27000 29000 31000 33000 35000 37000 40000 Frequency (MHz) Site : 03CH13-14V Condition : PEAK(UNIT) Im SHF_00993 VERTICAL :



Emission below 1GHz

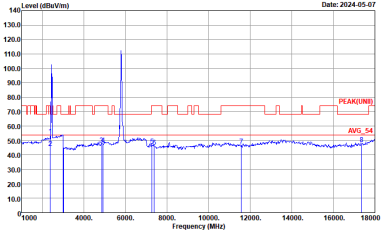
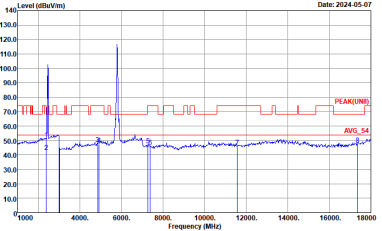
Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (LF @ 3m)

	LF @ 3m	
Ant.	BLE CH10 2412MHz +802.11ax20 CH157 5785MHz +nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak /QP		



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

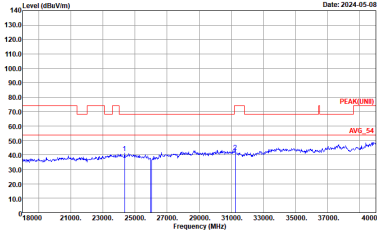
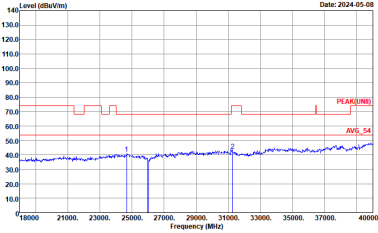
Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	BLE CH30 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-1FV Condition : PEAK(UNIT) 3m HORN_91200_1326 HORIZONTAL :	 Site : 03CH13-1FV Condition : PEAK(UNIT) 3m HORN_91200_1326 VERTICAL :



Emission above 18GHz

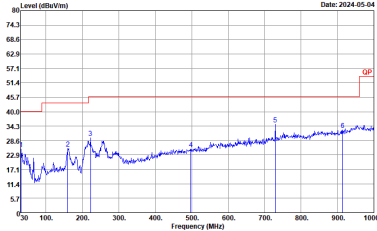
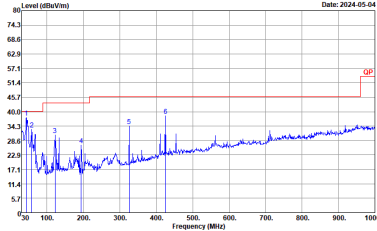
Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (SHF @ 3m)

	SHF @ 1m	
Ant.	BLE CH30 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL :	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL :



Emission below 1GHz

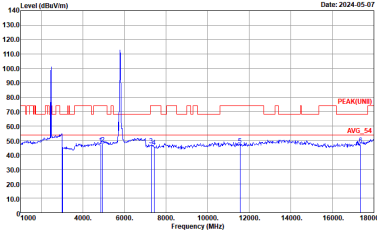
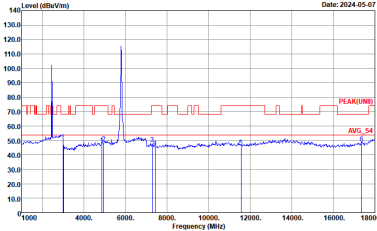
Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (LF @ 3m)

	LF @ 3m	
Ant.	BLE CH30 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak /QP	 Site : 03CH13-HV Condition : QP 3m BILO6_40103 HORIZONTAL :	 Site : 03CH13-HV Condition : QP 3m BILO6_40103 VERTICAL :



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

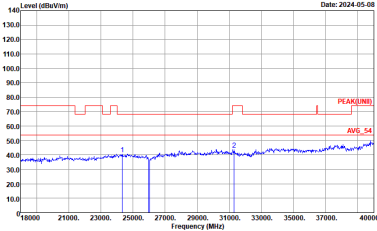
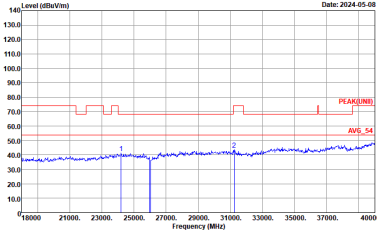
Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	BLE CH15 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 HORIZONTAL : .	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 VERTICAL : .



Emission above 18GHz

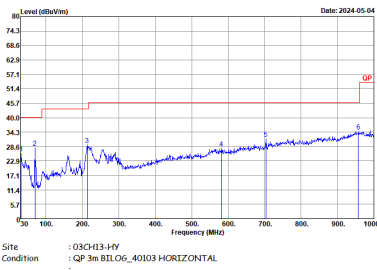
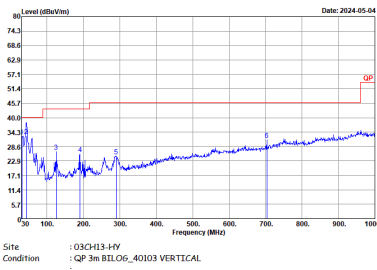
Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (SHF @ 3m)

	SHF @ 1m	
Ant.	BLE CH15 2432MHz +802.11ax20 CH157 5785MHz +nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL : .	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL : .



Emission below 1GHz

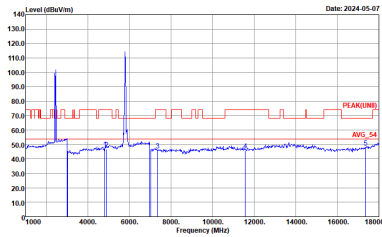
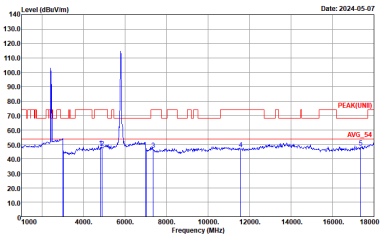
Bluetooth-LE_Tx_CH15 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH37 (LF @ 3m)

	LF @ 3m	
Ant.	BLE CH15 2432MHz + 802.11ax20 CH157 5785MHz + nRF CH37 2476MHz	
Simultaneously	Horizontal	Vertical
Peak /QP	 Site : 03CH13-HV Condition : QP 3m BILO6_40103 HORIZONTAL :	 Site : 03CH13-HV Condition : QP 3m BILO6_40103 VERTICAL :



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

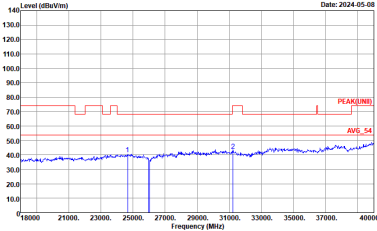
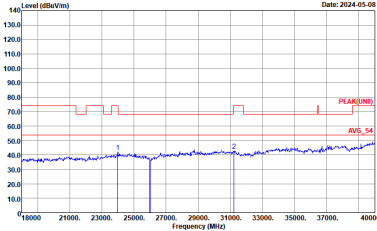
Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	BLE CH10 2412MHz +802.11ax20 CH157 5785MHz +nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 HORIZONTAL :	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 VERTICAL :



Emission above 18GHz

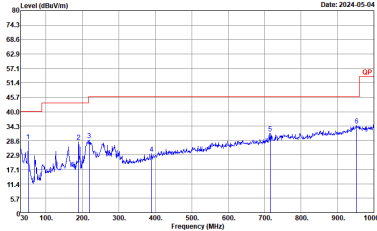
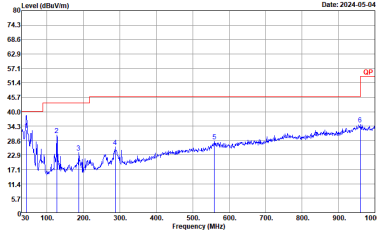
Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (SHF @ 3m)

	SHF @ 1m	
Ant.	BLE CH10 2412MHz +802.11ax20 CH157 5785MHz +nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL :	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL :



Emission below 1GHz

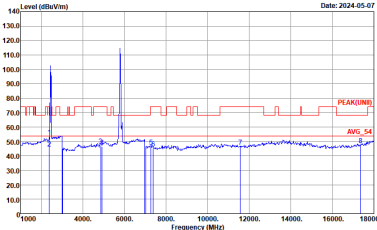
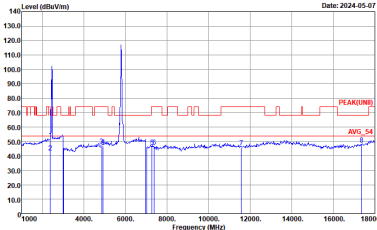
Bluetooth-LE_Tx_CH10 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH25 (LF @ 3m)

	LF @ 3m	
Ant.	BLE CH10 2412MHz +802.11ax20 CH157 5785MHz +nRF CH25 2452MHz	
Simultaneously	Horizontal	Vertical
Peak /QP	 Site : 03CH13-HV Condition : QP 3m BILOG_40103 HORIZONTAL :	 Site : 03CH13-HV Condition : QP 3m BILOG_40103 VERTICAL :



2.4GHz 2400~2483.5MHz + Band 4 - 5745~5825MHz + nRF

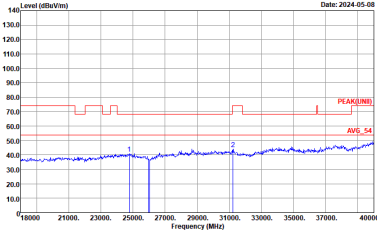
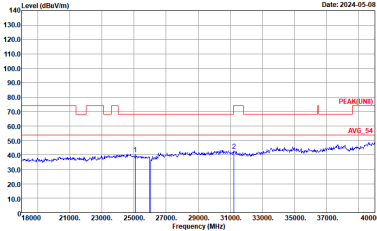
Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (Harmonic @ 3m)

	Harmonic @ 3m	
Ant.	BLE CH30 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 HORIZONTAL : .	 Site : 03CH13-HV Condition : PEAK(UNIT) 3m HORN_9120D_1326 VERTICAL : .



Emission above 18GHz

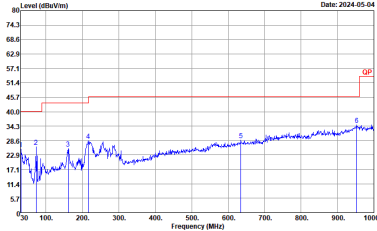
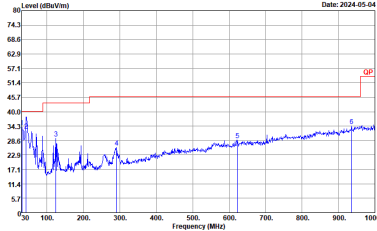
Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (SHF @ 3m)

	SHF @ 1m	
Ant.	BLE CH30 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 HORIZONTAL : .	 Site : 03CH13-HY Condition : PEAK(UNIT) 1m SHF_00993 VERTICAL : .



Emission below 1GHz

Bluetooth-LE_Tx_CH30 + 802.11ax HE20_Tx_CH157 + nRF_Tx_CH12 (LF @ 3m)

	LF @ 3m	
Ant.	BLE CH30 2462MHz +802.11ax20 CH157 5785MHz +nRF CH12 2426MHz	
Simultaneously	Horizontal	Vertical
Peak /QP	 Site : 03CH13-HV Condition : QP 3m BILOG_40103 HORIZONTAL : .	 Site : 03CH13-HV Condition : QP 3m BILOG_40103 VERTICAL : .