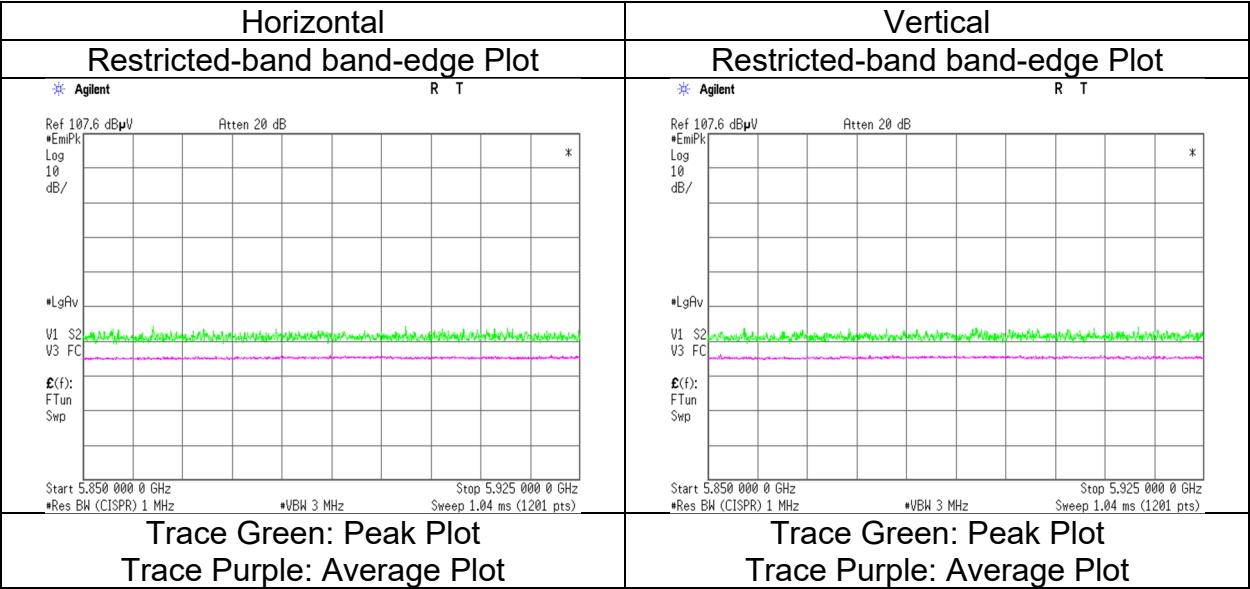
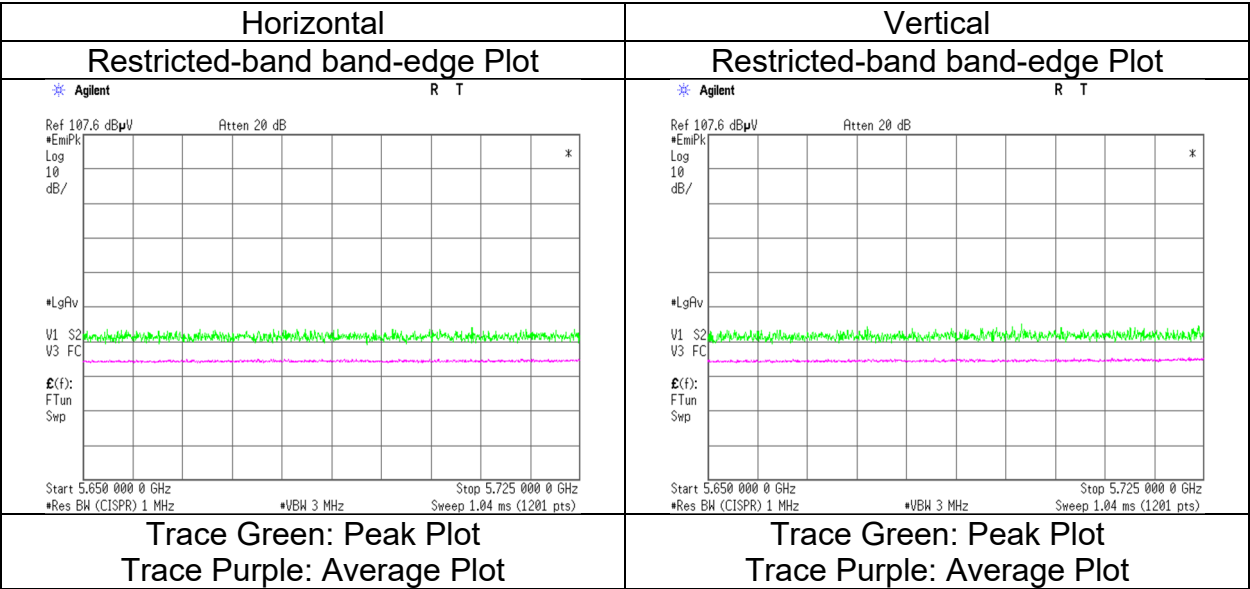


Radiated Spurious Emission

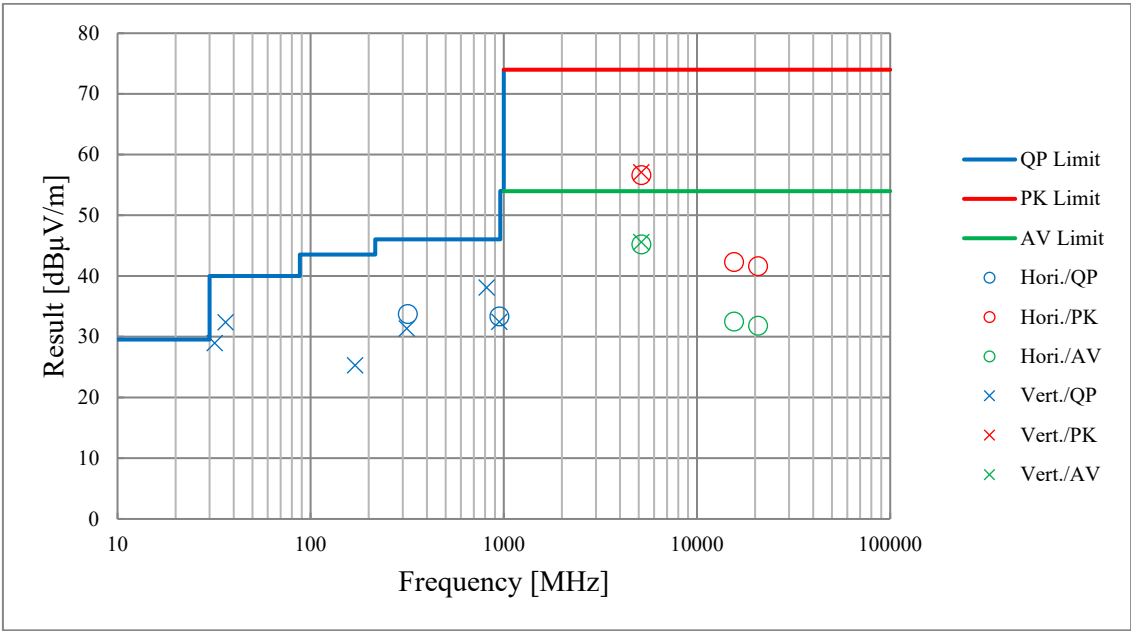
Test place	Kashima EMC Lab.
Semi Anechoic Chamber	No.11
Date	February 20, 2024
Temperature / Humidity	21 deg. C / 53 % RH
Engineer	Hiromitsu Tanabe
	(1 GHz to 6.4 GHz)
Mode	Tx 11ac-80 5775 MHz with BT LE 2M-PHY 2440 MHz



* The measurement was conducted for a sufficiently long enough time to detect any possible spurious emissions.
Final result of restricted band edge was shown in tabular data.

Radiated Spurious Emission
(Plot data, Worst case mode for Maximum Conducted Output Power)

Test place	Kashima EMC Lab.					
Semi Anechoic Chamber	No.11	No.11	No.11	No.11	No.11	No.11
Date	February 23, 2024	February 16, 2024	February 22, 2024	February 22, 2024	February 22, 2024	February 23, 2024
Temperature / Humidity	19 deg. C / 42 % RH	23 deg. C / 39 % RH	20 deg. C / 41 % RH	20 deg. C / 41 % RH	20 deg. C / 41 % RH	19 deg. C / 42 % RH
Engineer	Hiromitsu Tanabe	Hiromitsu Tanabe	Hiromitsu Tanabe	Hiromitsu Tanabe	Hiromitsu Tanabe	Hiromitsu Tanabe
Mode	Tx 11a 5180 MHz with BT LE 2M-PHY 2440 MHz					
	(30 MHz to 1 GHz)	(1 GHz to 6.4 GHz)	(6.4 GHz to 10 GHz)	(10 GHz to 18 GHz)	(18 GHz to 26.5 GHz)	(26.5 GHz to 40 GHz)



*These plots data contains sufficient number to show the trend of characteristic features for EUT.

APPENDIX 2: Test Instruments

Test Equipment

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	143122	LOGBICON	Schwarzbeck Mess-Elektronik OHG	VULB 9168	508	2023/04/18	12
RE	178807	5dB Fixed Atten.	Pasternack Enterprises	PE7047-5	none	2023/04/18	12
RE	143169	11Site RE 3m System	N/A	none(No.11 RE)	none	2023/11/15	12
RE	142936	Pre-Amplifier	SONOMA INSTRUMENT	310N	325015	2023/05/23	12
RE	144193	Test Receiver	Rohde & Schwarz	ESU40	100426	2023/04/20	12
RE	144648	Semi Anechoic Chamber	TDK	NSA (No.11)	11	2023/05/11	12
RE	143455	Double Ridged Wave Guide	ETS-Lindgren (Cedar Park, Texas)	3115	00204569	2024/02/09	12
RE	192241	Microwave Cable	Huber+Suhner	SF104/PC35m/PC35m/1000mm	805411/4	2024/01/19	12
RE	231901	Micro Wave Cable	Junkosha	MWX221	FEB-20-23-020	2023/03/10	12
RE	143456	Double Ridged Wave Guide	ETS-Lindgren (Cedar Park, Texas)	3115	00204573	2024/02/09	12
RE	192242	Microwave Cable	Huber+Suhner	AnySF104/PC35m/PC35m/1000m	805419/4	2024/01/19	12
RE	231902	Micro Wave Cable	Junkosha	MWX221	FEB-20-23-021	2023/03/10	12
RE	175395	Pre Amplifier	Erzia Technologies S.L.	ERZ-LNA-0100-2700-45-4	16A2001702002	2023/12/07	12
RE	235556	10dB Fixed Attenuator	Weinschel Associates	WA54-10-1314	0H3E9	2023/06/13	12
RE	143443	HPF	Micro-Tronics	HPM50112-02	006	2023/05/24	12
RE	143642	Spectrum Analyzer	Keysight Technologies Inc	N9030A	MY53310670 Version A.13.12	2023/05/23	12
RE	143643	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY52490024	2023/06/21	12
RE	144644	Semi Anechoic Chamber	TDK	SVSWR (No.11)	11	2023/05/15	12
RE	144633	Semi Anechoic Chamber	TDK	SVSWR (No.10)	10	2023/05/08	12
RE	143438	Double Ridged Horn	ETS-Lindgren (Cedar Park, Texas)	3160-09	00166043	2023/06/19	12
RE	142937	Pre-Amplifier	TOYO	HAP18-26W	00000035	2023/06/19	12
RE	142992	Micro Wave Cable	Suhner	SUCOFLEX102	MY010/2A	2023/06/04	12
RE	143439	Double Ridged Horn	ETS-Lindgren (Cedar Park, Texas)	3160-10	00165191	2023/09/23	12
RE	142938	Pre-Amplifier	TOYO	HAP26-40W	B3208602205-103	2023/09/23	12
RE	142988	Micro Wave Cable	Suhner	SUCOFLEX102	MY3772/2	2023/05/25	12
RE	222746	Measure	SHINWA RULES CO., LTD.	80862	none	-	-
RE	200033	Temperature & Humidity Logger	HIOKI E.E. CORPORATION	LR5001/LR9504	200636447/200699543	2023/07/18	12
RE	143133	Barometer	Sanoh Co., Ltd	SBR-151	001439	2023/03/10	36
RE	144215	Digital Multimeter	Fluke Corporation	FLK-83-V	14610320	2023/10/24	12
RE	178804	EMI Software	TSJ (Techno Science Japan)	TEPTO-DV3 (RE,CE,ME,PE)	Ver 3.1.0484	-	-

*Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test item:

RE: Radiated Emission