



Test report No.: 2330792R-RFUSV01S-B

TEST REPORT

Product Name	Hybrid Instant Camera
Trademark	Leica
Model and /or type reference	8262
FCC ID	N5A8262
Applicant's name / address	Leica Camera AG Am Leitz-Park 5, 35578 Wetzlar, Germany
Manufacturer's name	ABILITY ENTERPRISE CO., LTD.
Test method requested, standard	FCC CFR Title 47 Part 15 Subpart C ANSI C63.4: 2014, ANSI C63.10: 2013
Verdict Summary	IN COMPLIANCE
Documented By (Senior Project Specialist / Genie Chang)	Grente Chang
Tested By (Senior Engineer / Bill Lin)	Grenie Chang Bill Lin Jack Hsu
Approved By (Senior Engineer / Jack Hsu)	Jonek Hsu
Date of Receipt	2023/03/22
Date of Issue	2023/05/09
Report Version	V1.0

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Appendix 1:	EUT Test Photographs
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Appendix 2: Product Photos-Please refer to the file: 2330792R-Product Photos

Competences and Guarantees

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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General conditions

- 1. The test results relate only to the samples tested.
- 2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
- 3. This report must not be used to claim product endorsement by TAF or any agency of the government.
- 4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
- 5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.



Revision History

Report No.	Version	Description	Issued Date
2330792R-RFUSV01S-B	V1.0	Initial issue of report.	2023/05/09



1. General Information

1.1. EUT Description

Product Name	Hybrid Instant Camera
Trademark	Leica
Model and /or type reference	8262
EUT Rated Voltage	DC 5V (Power by USB) or DC 3.7V (Power by Battery)
EUT Test Voltage	DC 5V (Power by USB)
Frequency Range	2402-2480 MHz
Channel Number	40 CH
Type of Modulation	GFSK(1 Mbps)
Channel Control	Auto
Type C to USB Cable	Shielded, 0.3m
Battery	Trade Name: EVE, M/N: P0933-LF

Antenna List

Ν	0.	Manufacturer	Part No.	Antenna Type	Peak Gain
1		ABILITY ENTERPRISE	KC36A02	РСВ	2.3 dBi for 2400 MHz
		CO., LTD.			

Note: The antenna of EUT is conforming to FCC 15.203.



Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	01	2404	02	2406	03	2408
04	2410	05	2412	06	2414	07	2416
08	2418	09	2420	10	2422	11	2424
12	2426	13	2428	14	2430	15	2432
16	2434	17	2436	18	2438	19	2440
20	2442	21	2444	22	2446	23	2448
24	2450	25	2452	26	2454	27	2456
28	2458	29	2460	30	2462	31	2464
32	2466	33	2468	34	2470	35	2472
36	2474	37	2476	38	2478	39	2480

Center Frequency of Each Channel:

Note:

- 1. The EUT is a Hybrid Instant Camera with built-in Bluetooth V5.1 transceiver.
- 2. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report.
- 3. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
- 4. DEKRA has evaluated each test mode. Only the worst case is shown in the report.
- 5. These tests were conducted on a sample for the purpose of demonstrating compliance of transmitter with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.

Test Mode Mode 1 Transmit - 1 Mbps	Test Mode		Transmit - T WIDDS
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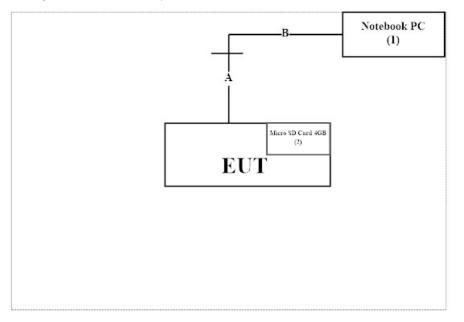
1.2. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Pro	duct	Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	Latitude E5440	FS9TK32	N/A
2	Micro SD Card 4GB	SanDisk	SanDisk 4GB	N/A	N/A

Cab	le Туре	Cable Description
А	USB to type C Cable	Shielded, 0.3m
В	USB extension Cable	Shielded, 1m

1.3. Configuration of Tested System



1.4. EUT Exercise Software

1.	Setup the EUT as shown in Section 1.3.
2.	Execute software "Vendor Command Tool Ver.01.06.20181227.od" on the Notebook PC.
3.	Configure the test mode, the test channel, and the data rate.
4.	Press "OK" to start the continuous transmit.
5.	Verify that the EUT works properly.

1.5. Test Facility

Ambient conditions in the laboratory:

Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	10~40 °C	24.9 °C
Conducted Emission	Humidity (%RH)	10~90 %	53.5 %
	Temperature (°C)	10~40 °C	22.9 °С
Radiated Emission	Humidity (%RH)	10~90 %	67.9 %
Caratrating	Temperature (°C)	10~40 °C	22.0 °C
Conductive	Humidity (%RH)	10~90 %	55.0 %

USA	FCC Registration Number: TW0033
Canada	CAB Identifier Number: TW3023 / Company Number: 26930

Site Description	Accredited by TAF
	Accredited Number: 3023

Test Laboratory	DEKRA Testing and Certification Co., Ltd.	
	Linkou Laboratory	
Address	No.5-22, Ruishukeng Linkou District, New Taipei City, 24451, Taiwan, R.O.C.	
Performed Location	No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan, R.O.C.	
Phone Number	+886-3-275-7255	
Fax Number	+886-3-327-8031	

1.6. List of Test Equipment

For Conduction Measurements / HY-SR01

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
V	EMI Test Receiver	R&S	ESR7	101601	2022/06/23	2023/06/22
V	Two-Line V-Network	R&S	ENV216	101306	2023/03/16	2024/03/15
V	Two-Line V-Network	R&S	ENV216	101307	2022/07/04	2023/07/03
V	Coaxial Cable	SUHNER	RG400_BNC	RF001	2022/05/24	2023/05/23

Note:

1. All equipments are calibrated every one year.

2. The test instruments marked with "V" are used to measure the final test results.

3. Test Software Version: e3 210616 dekra V9.

For Conducted Measurements / HY-SR02

		1	1			
	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
V	Spectrum Analyzer	R&S	FSV30	103466	2022/12/22	2023/12/21
V	Peak Power Analyzer	KEYSIGHT	8990B	MY51000539	2022/05/27	2023/05/26
V	Power Sensor	KEYSIGHT	N1923A	MY59240002	2022/05/19	2023/05/18
V	Power Sensor	KEYSIGHT	N1923A	MY59240003	2022/05/19	2023/05/18
.т.,						

Note:

1. All equipments are calibrated every one year.

2. The test instruments marked with "V" are used to measure the final test results.

3. Test Software Version: RF Conducted Test Tools R3 V3.0.1.14.

For Radiated Measurements / HY-CB03

Loop Antenna AMETEK HLA6121 56736 2022/05/14 2023/05/13 V Bi-Log Antenna SCHWARZBECK VULB9168 9168-0675 2021/08/11 2023/08/10 V Horn Antenna RF SPIN DRH18-E 210802A18ES 2023/03/23 2024/03/22 V Horn Antenna Com-Power AH-840 101101 2021/11/30 2023/11/29 V Pre-Asmplifier SGH 0301 20211007-7 2023/01/10 2024/01/09 V Pre-Amplifier EMCI EMC051845SE 980632 2023/01/10 2024/01/09 Pre-Amplifier EMCI EMC05820SE 980361 2023/01/10 2024/01/09 Pre-Amplifier EMCI EMC184045SE 980369 2023/01/10 2024/01/09 Pre-Amplifier EMCI EMC102-KM-K 1160314 2023/01/10 2024/01/09	1.01	I Raulateu Measurements / III-CD05						
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$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Loop Antenna	AMETEK	HLA6121	56736	2022/05/14	2023/05/13	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	V	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-0675	2021/08/11	2023/08/10	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	V	Horn Antenna	RF SPIN	DRH18-E	210802A18ES	2023/03/23	2024/03/22	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	V	Horn Antenna	Com-Power	AH-840	101101			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	V	Pre-Asmplifier	SGH	0301	20211007-7	2023/01/10	2024/01/09	
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V Coaxial Cable EMCI EMC102-KM-K M-600 1160314 2023/01/10 2024/01/09 Coaxial Cable EMCI EMC102-KM-K M-7000 170242 2023/01/10 2024/01/09 V Filter MICRO TRONICS BRM50702 G251 2023/01/05 2024/01/04 Filter MICRO TRONICS BRM50716 067 2023/01/05 2024/01/04 V EMI Test Receiver R&S ESR3 102792 2022/12/29 2023/12/28 V Spectrum Analyzer R&S FSV3044 101115 2023/01/06 2024/01/05 Coaxial Cable SUHNER SUCOFLEX 106 25450/6 2023/01/10 2024/01/05 V Coaxial Cable SGH HA800 GD20110222-8 2023/01/10 2024/01/09		Pre-Amplifier	EMCI	EMC05820SE	980361	2023/01/10	2024/01/09	
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Coaxial CableSUHNERSUCOFLEX 10625450/6VCoaxial CableSGHHA800GD20110222-8Coaxial CableSGHSGH182021003-8	V	EMI Test Receiver	R&S	ESR3	102792	2022/12/29	2023/12/28	
Coaxial Cable SGH HA800 GD20110222-8 2023/01/10 2024/01/09 Coaxial Cable SGH SGH18 2021003-8 2023/01/10 2024/01/09	V	Spectrum Analyzer	R&S	FSV3044	101115	2023/01/06	2024/01/05	
Coaxial Cable SGH SGH18 2021003-8 2023/01/10 2024/01/09		Coaxial Cable	SUHNER	SUCOFLEX 106	25450/6			
Coaxial Cable SGH SGH18 2021003-8	v	Coaxial Cable	SGH	HA800	GD20110222-8	2022/01/10	2024/01/00	
Coaxial Cable EMCI EMC106 151113	v	Coaxial Cable	SGH	SGH18	2021003-8	2023/01/10	2024/01/09	
		Coaxial Cable	EMCI	EMC106	151113			

Note:

1. Bi-Log Antenna and Horn Antenna(AH-840) is calibrated every two years, the other equipments are calibrated every one year.

2. The test instruments marked with "V" are used to measure the final test results.

3. Test Software Version: e3 210616 dekra V9.

1.7. Uncertainty

Uncertainties have been calculated according to the DEKRA internal document.

The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

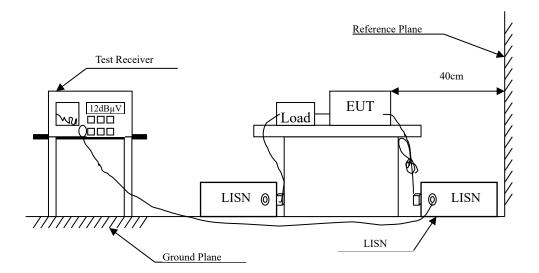
Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system but are based on the results of the compliance measurement.

Test Item	Uncertainty	
Conducted Emission	±3.50 dB	
D. I. D. server Orstand	Spectrum Analyzer: ±2.14 dB	
Peak Power Output	Power Meter: ±1.05 dB	
	9 kHz~30 MHz: ±3.88 dB	
Dedicted Devices	30 MHz~1 GHz: ±4.42 dB	
Radiated Emission	1 GHz~18 GHz: ±4.28 dB	
	18 GHz~40 GHz: ±3.90 dB	
RF Antenna Conducted Test	±2.14 dB	
	9 kHz~30 MHz: ±3.88 dB	
Dan d E dan	30 MHz~1 GHz: ±4.42 dB	
Band Edge	1 GHz~18 GHz: ±4.28 dB	
	18 GHz~40 GHz: ±3.90 dB	
6dB Bandwidth	±1580.61 Hz	
Power Density	±2.14 dB	
Duty Cycle	±0.53 %	



2. Conducted Emission

2.1. Test Setup



2.2. Limits

FCC Part 15 Subpart C Paragraph 15.207 (dBµV) Limit				
Frequency MHz	Limits			
	QP	AV		
0.15 - 0.50	66-56	56-46		
0.50 - 5.0	56	46		
5.0 - 30	60	50		

Remarks: In the above table, the tighter limit applies at the band edges.

2.3. Test Procedure

The EUT and Peripherals are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refer to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all the interface cables must be changed according to ANSI C63.4: 2014 on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15 MHz to 30 MHz using a receiver bandwidth of 9 kHz.

The EUT was setup to ANSI C63.4, 2014; tested to DTS test procedure of FCC KDB-558074 for compliance to FCC 47CFR Subpart C requirements.

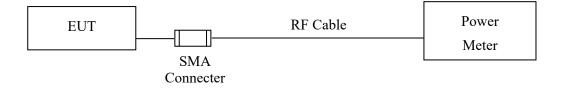


2.4. Test Result of Conducted Emission



3. Peak Power Output

3.1. Test Setup



3.2. Limit

The maximum peak power shall be less 1Watt.

3.3. Test Procedure

The EUT was tested according to C63.10:2013 for compliance to FCC 47CFR 15.247 requirements. The maximum peak conducted output power using C63.10:2013 Section 11.9.1.3 PKPM1 Peak power meter method.



3.4. Test Result of Peak Power Output

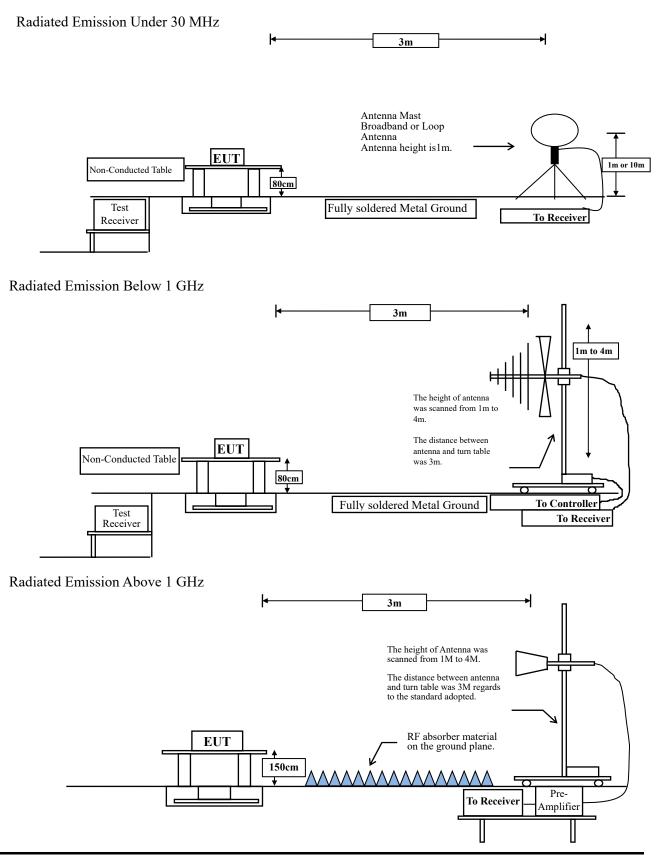
Product	:	Hybrid Instant Camera
Test Item	:	Peak Power Output
Test Mode	:	Transmit - 1 Mbps-1 Mbps
Test Date	:	2023/04/18

Channel No.	Frequency	Measurement	Required Limit	Result
	(MHz)	(dBm)		
00	2402	4.39	1 Watt= 30 dBm	Pass
19	2440	4.73	1 Watt= 30 dBm	Pass
39	2480	4.75	1 Watt= 30 dBm	Pass



4. Radiated Emission

4.1. Test Setup



4.2. Limits

General Radiated Emission Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC P	FCC Part 15 Subpart C Paragraph 15.209 Limits				
Frequency	Field strength	Measurement distance			
MHz	(microvolts/meter)	(meter)			
0.009-0.490	2400/F(kHz)	300			
0.490-1.705	24000/F(kHz)	30			
1.705-30	30	30			
30-88	100	3			
88-216	150	3			
216-960	200	3			
Above 960	500	3			

Remarks:

- 1. RF Voltage ($dB\mu V$) = 20 log RF Voltage (μV)
- 2. In the Above Table, the tighter limit applies at the band edges.
- 3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

4.3. Test Procedure

The EUT was setup according to ANSI C63.10: 2013 and tested according to C63.10:2013 Section 11.12.1 for compliance to FCC 47CFR 15.247 requirements.

Measuring the frequency range below 1 GHz, the EUT is placed on a turn table which is 0.8 meter above ground, when measuring the frequency range above 1 GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 360 degrees to determine the position of the maximum emission level.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2013 on radiated measurement.

The resolution bandwidth below 30 MHz setting on the field strength meter is 9 kHz and 30 MHz~1 GHz is 120 kHz and above 1 GHz is 1 MHz.

Radiated emission measurements below 30 MHz are made using Loop Antenna and 30 MHz~1 GHz are made using broadband Bilog antenna and above 1 GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna.

The measurement frequency range form 9 kHz - 10th Harmonic of fundamental was investigated.

RBW and VBW Parameter setting:

According to C63.10 Section 11.12.2.4 Peak measurement procedure.

RBW = as specified in Table 1.

VBW \geq 3 x RBW.

Table 1 - RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

According to C63.10 Section 11.12.2.5 Average measurement procedure.

RBW = 1 MHz.

VBW = 10 Hz, when duty cycle \ge 98 %

VBW $\geq 1/T$, when duty cycle < 98 %

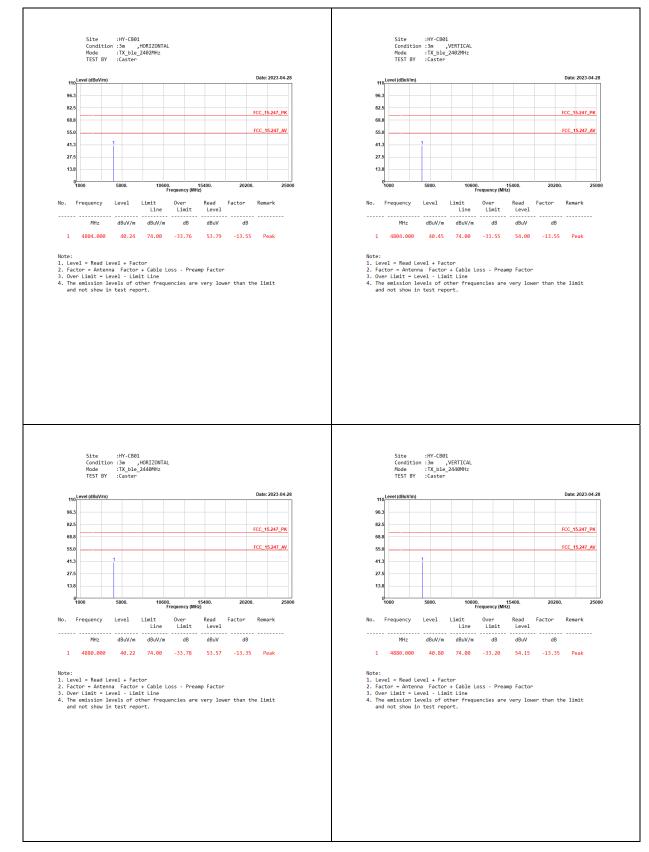
(T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

2.4 GHz band	Duty Cycle (%) 64.00	Т	1/T	VBW
	(%)	(ms)	(Hz)	(Hz)
BLE 1 Mbps	64.00	0.4000	2500	3000

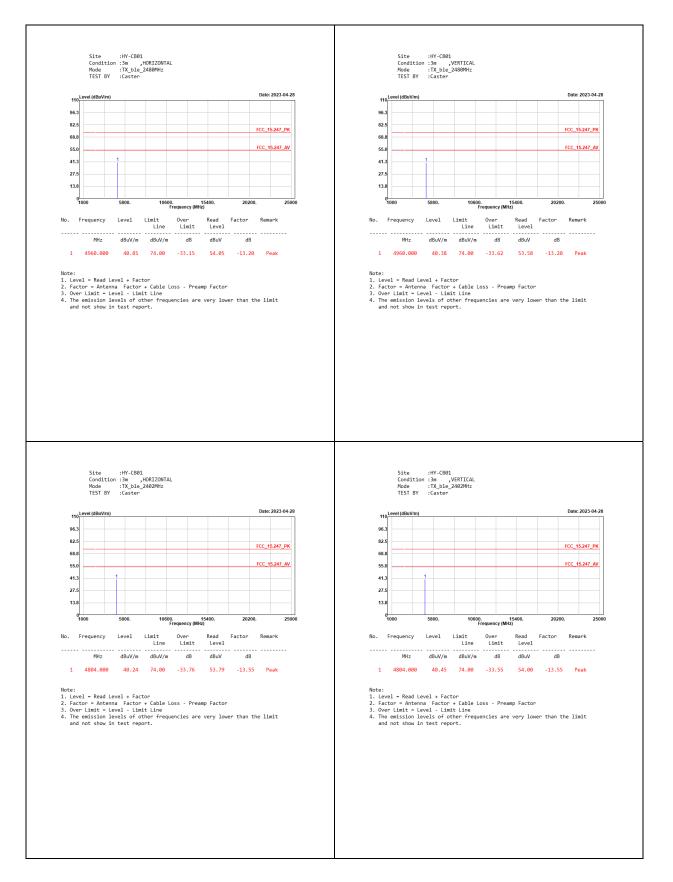
Note: Duty Cycle Refer to Section 9.



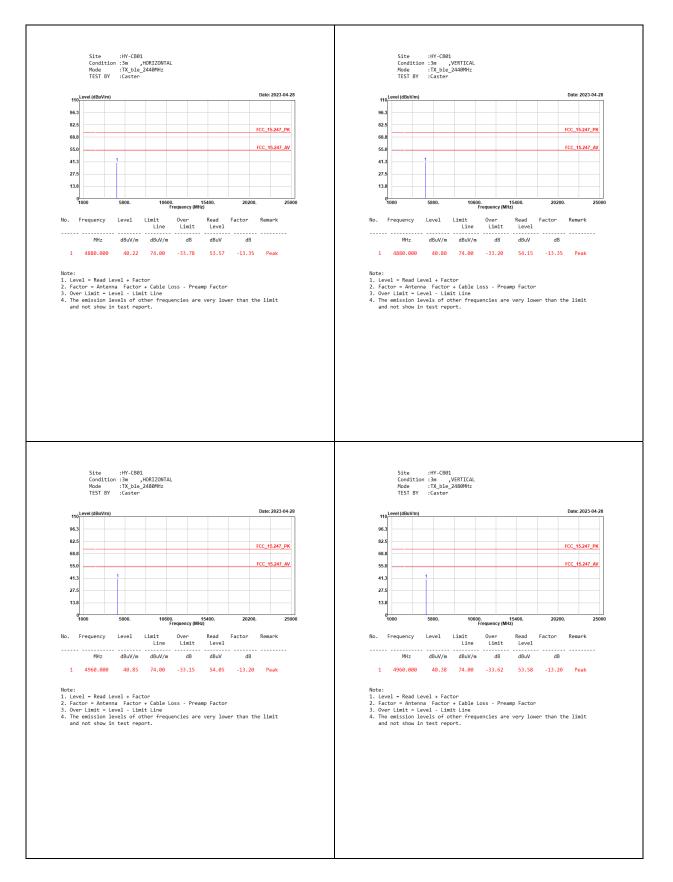
4.4. Test Result of Radiated Emission





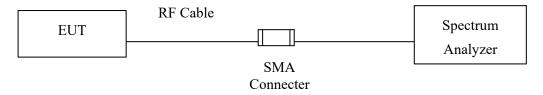






5. **RF Antenna Conducted Test**

5.1. Test Setup



5.2. Limits

According to FCC Section 15.247(d). In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

5.3. Test Procedure

The EUT was tested according to C63.10:2013 Section 11.11 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Set VBW> RBW, scan up through 10th harmonic.



5.4. Test Result of RF Antenna Conducted Test

Product	:	Hybrid Instant Camera
Test Item	:	RF Antenna Conducted Test
Test Mode	:	Transmit - 1 Mbps-1 Mbps
Test Date	:	2023/04/18

Spect	rum											
Ref L Att	evel	20.00 dBr 30 d			 RBW 100 kH VBW 300 kH 		Mode /	lute Cu				
SGL Co	ount		5 3441 .	200 1115 (- + D + 4 300 Ki	12	Houe	Auto Si	veeh			
😑 1Pk Vi	ew											
							М	1[1]				-49.34 dBm
10 dBm	_										2.8	520300 GHz
0 dBm-	_											
-10 dBn	ו_ר											
-20 dBn		D1 -18.290) dBm									
-30 dBn						-						
-40 dBn	ן_י											
-50 dBn	י_י									الم الح		
		la gulfand ^{hal} handa	and the second sec	a particular	بالمتناط الأجل والتبرية ألكمول	h. m		د در الماني الم در مراكبت رام			الوافي العرية أالوما أحري أرو	Re-monthly is a file
under March		and a state of the second s	1°	human shink an	and produced with	1			* 1			
-70 dBn	י_⊢											
Start 3	0.0	MHz			3000	1 p	ts				Stop	26.5 GHz
Marker												
Туре	Ref		X-value		Y-value		Func	tion		Fun	ction Result	t l
M1		1	2.52	D3 GHz	-49.34 dl	3m						
							Re	adv			100	4/18/2023

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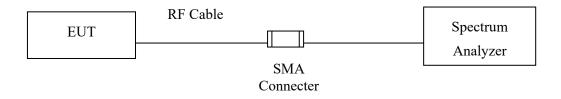
Figure Channel 39



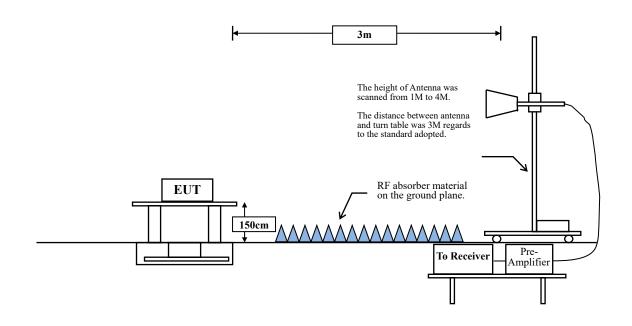
6. Band Edge

6.1. Test Setup

RF Conducted Measurement



RF Radiated Measurement



6.2. Limit

According to FCC Section 15.247(d). In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

6.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according to C63.10:2013 Section 11.12.1 for compliance to FCC 47CFR 15.247 requirements.

The EUT is placed on a turn table which is 1.5 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.

RBW and VBW Parameter setting:

According to C63.10 Section 11.12.2.4 Peak measurement procedure.

RBW = as specified in Table 1.

VBW \geq 3 x RBW.

Table 1 - RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

According to C63.10 Section 11.12.2.5 Average measurement procedure.

RBW = 1 MHz.

VBW = 10 Hz, when duty cycle \ge 98 %

VBW $\geq 1/T$, when duty cycle < 98 %

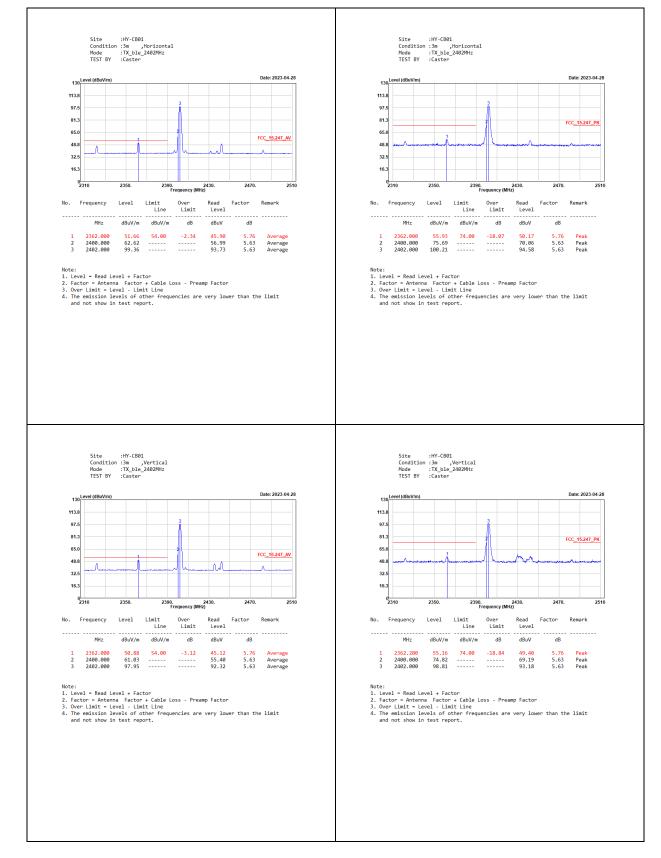
(T refers to the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.)

2.4 GHz band	Duty Cycle	Т	1/T	VBW
	(%)	(ms)	(Hz)	(Hz)
BLE 1 Mbps	64.00	0.4000	2500	3000

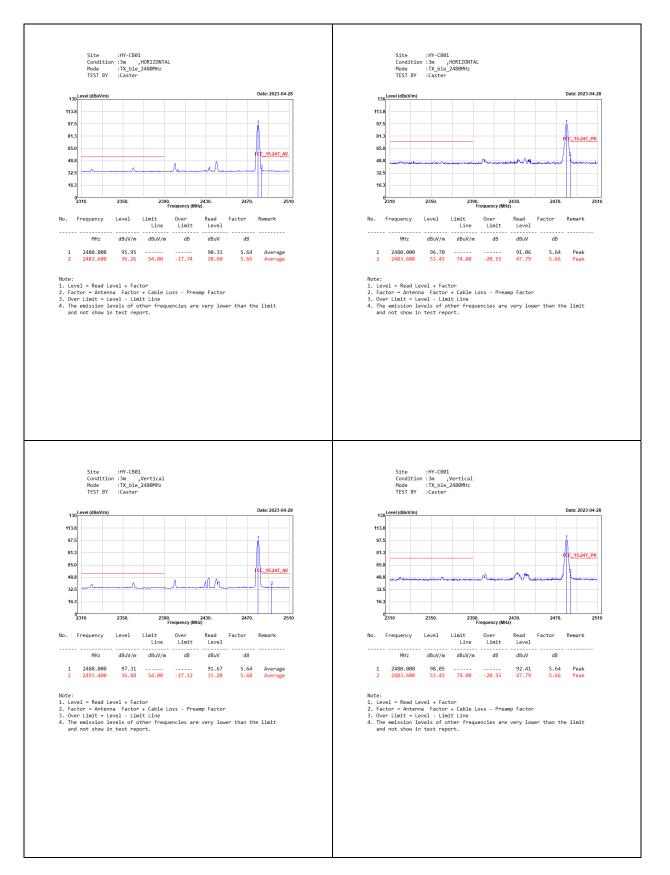
Note: Duty Cycle Refer to Section 9.



6.4. Test Result of Band Edge

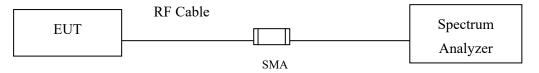






7. 6dB Bandwidth

7.1. Test Setup



7.2. Limits

The minimum bandwidth shall be at least 500 kHz.

7.3. Test Procedure

The EUT was setup according to ANSI C63.4, 2014; tested according to ANSI C63.10 Section 11.8 for compliance to FCC 47CFR 15.247 requirements.



7.4. Test Result of 6dB Bandwidth

Product	:	Hybrid Instant Camera
Test Item	:	6dB Bandwidth Data
Test Mode	:	Transmit - 1 Mbps-1 Mbps
Test Date	:	2023/04/18

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
00	2402	754	>500	Pass
19	2440	754	>500	Pass
39	2480	759	>500	Pass

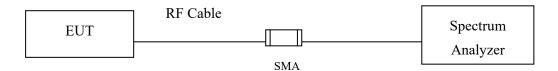
Spectrum					E
Ref Level 20.00 d	dBm Offset 0.50 dB	RBW 100 kHz			•
Att 30	idB SWT 19 μs	VBW 300 kHz	Mode Auto FFT		
∋1Pk View	· · · · · ·				
			M1[1]		-4.41 dBn 2.47961538 GH
10 dBm		M3	M3[1]		1.72 dBn 2.48000500 GH
0 dBm D1 1.72	0 dBm		~ <u></u>	1 1	2.46000300 GH
	-4.280 dBm	- *			
-10 dBm					
-20 dBm		\square			
-30 dBm			~	<u> </u>	
-40 dBm					
-40 UBIII	1				/
-50 dBm					
-60 dBm					
-70 dBm		F1	F2		
CF 2.48 GHz		1001 pt:	<u> </u>		Span 5.0 MHz
Marker		1001 pt	-		00011010101112
Type Ref Trc	X-value	Y-value	Function	Funct	ion Result
M1 1	2.47961538 GHz	-4.41 dBm		T direct	
D2 M1 1	759.24 kHz	0.40 dB			
M3 1	2.480005 GHz	1.72 dBm			

Figure Channel 39

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8. **Power Density**

8.1. Test Setup



8.2. Limits

The transmitted power density averaged over any 1 second interval shall not be greater +8dBm in any 3 kHz bandwidth.

8.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013; tested according to DTS test procedure of KDB 558074 for compliance to FCC 47CFR 15.247 requirements.

The maximum power spectral density using C63.10 Section 11.10.2 Method PKPSD (peak PSD).



8.4. Test Result of Power Density

Product	:	Hybrid Instant Camera
Test Item	:	Power Density Data
Test Mode	:	Transmit - 1 Mbps-1 Mbps
Test Date	:	2023/04/18

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
00	2402	-13.24	\leq 8dBm	Pass
19	2440	-12.98	\leq 8dBm	Pass
39	2480	-12.97	\leq 8dBm	Pass

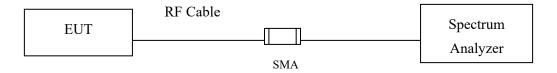
			-	isuit of					_
Spectrun	n								
Ref Leve	20.00 dB	m Offset	0.50 dB 👄	RBW 3 kH:	2				
Att	30 d	ib SWT d	532.2 µs 👄	VBW 10 kH:	2 Mode /	Auto FFT			
∋1Pk View									
					M	1[1]		-	12.97 dBr
10 ID								2.479	96700 GH
10 dBm									
0 dBm									
-10 dBm				M1					
-10 ubiii-			6						
-20 dBm	N	as allow	m held	$\Psi_{M,M}$	14. <u>Mar A</u> Ia	L. AMA	1. Acho		
-20 ubin 1	AMPANA	1.1.1.1.1.1.1.1.1	ል የ ምሳህ	NA. A	a û hah alv	rw (pr	YUN YUJ [NA	Man	
-30 dBm	1/1	ч <i>v</i> .			V V	ų		MW Y	AAAA
AM ⁿ									ראש ביי שן נ
-40 dBm									
-50 dBm									
-60 dBm									
-70 dBm									
CF 2.48 G	⊥ Hz		I	1001	pts	I	1	Span	1.14 MHz
Marker									
	ef Trc	X-value	e	Y-value	Func	tion	Func	tion Result	
M1	1	2.4799	67 GHz	-12.97 dB	m				
					Meas	uring		120	1/18/2023

Figure Channel 39

Date: 18.APR.2023 20:44:37

9. Duty Cycle

9.1. Test Setup



9.2. Test Procedure

The EUT was setup according to ANSI C63.10 2013; tested according to ANSI C63.10 2013 for compliance to FCC 47CFR 15.247 requirements.



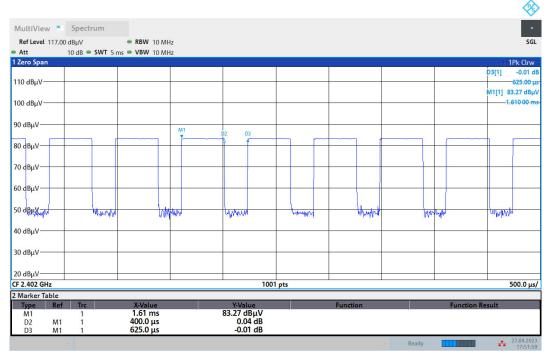
9.3. Test Result of Duty Cycle

Product	:	Hybrid Instant Camera
Test Item	:	Duty Cycle
Test Mode	:	Transmit - 1 Mbps

Formula:

Duty Cycle = Ton / (Ton + Toff) Duty Factor = 10 Log (1/Duty Cycle)

2.4GHz Band	Ton	Ton + Toff	Duty Cycle	Duty Factor
	(ms)	(ms)	(%)	(dB)
BLE 1 Mbps	0.4000	0.6250	64.00	1.94



BLE 1 Mbps

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