FCC Test Report

Product Name	HYBRID INSTANT CAMERA
Model No.	FI019
FCC ID.	W2Z-03000009

Applicant	Fuji Film Corporation
Address	7-3, AKASAKA 9-CHOME, MINATO-KU, Tokyo 107-0052, Japan

Date of Receipt	Mar. 18, 2021
Issued Date	Jul. 27, 2021
Report No.	2130789R-E3032110108
Report Version	V1.0

Testing Laboratory
3023

The test results relate only to the samples tested.
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.
This report must not be used to claim product endorsement by TAF or any agency of the government.
The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
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 Report

Issued Date: Jul. 27, 2021
Report No.: 2130789R-E3032110108

Product Name	HYBRID INSTANT CAMERA
Applicant	Fuji Film Corporation
Address	7-3, AKASAKA 9-CHOME, MINATO-KU, Tokyo 107-0052, Japan
Manufacturer	ABILITY ENTERPRISE CO., LTD.
Model No.	FI019
FCC ID.	W2Z-03000009
EUT Rated Voltage	DC 3.7V by battery or DC 5V by USB
EUT Test Voltage	DC 5V by USB
Trade Name	FUJIFILM
Applicable Standard	FCC CFR Title 47 Part 15 Subpart C ANSI C63.4: 2014, ANSI C63.10: 2013
Test Result	Complied

Documented By : Jinn Chen

(Senior Adm. Specialist / Jinn Chen)

Tested By : Bill Lin

(Senior Engineer / Bill Lin)

Approved By : Alan Chen

(Senior Engineer / Alan Chen)

TABLE OF CONTENTS

Revision History

Report No.	Version	Description	Issued Date
2130789R-E3032110108	V1.0	Initial issue of report.	Jul. 27, 2021

1. GENERAL INFORMATION

1.1. EUT Description

Product Name	HYBRID INSTANT CAMERA
Trade Name	FUJIFILM
Model No.	FI019
FCC ID.	W2Z-03000009
Frequency Range	2402 – 2480 MHz
Number of Channels	V3.0+HS, V2.1+EDR:79 V4.2:40
Type of Modulation	V3.0+HS, V2.1+EDR: GFSK(1Mbps) / π /4DQPSK(2Mbps) / 8DPSK(3Mbps) V4.2: GFSK(1Mbps)
Antenna Type	Print on PCB Antenna
Channel Control	Auto
Antenna Gain	Refer to the table “Antenna List”
USB Cable	Non-Shielded, 0.8m

Antenna List

No.	Manufacturer	Part No.	Antenna Type	Peak Gain
1	LYNwave	KC36A00	Print on PCB Antenna	2.3dBi for 2.4 GHz

Note: The antenna of EUT conforms to FCC 15.203.

Bluetooth V3.0+HS, V2.1+EDR Center Frequency of Each Channel:

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 00:	2402 MHz	Channel 20:	2422 MHz	Channel 40:	2442 MHz	Channel 60:	2462 MHz
Channel 01:	2403 MHz	Channel 21:	2423 MHz	Channel 41:	2443 MHz	Channel 61:	2463 MHz
Channel 02:	2404 MHz	Channel 22:	2424 MHz	Channel 42:	2444 MHz	Channel 62:	2464 MHz
Channel 03:	2405 MHz	Channel 23:	2425 MHz	Channel 43:	2445 MHz	Channel 63:	2465 MHz
Channel 04:	2406 MHz	Channel 24:	2426 MHz	Channel 44:	2446 MHz	Channel 64:	2466 MHz
Channel 05:	2407 MHz	Channel 25:	2427 MHz	Channel 45:	2447 MHz	Channel 65:	2467 MHz
Channel 06:	2408 MHz	Channel 26:	2428 MHz	Channel 46:	2448 MHz	Channel 66:	2468 MHz
Channel 07:	2409 MHz	Channel 27:	2429 MHz	Channel 47:	2449 MHz	Channel 67:	2469 MHz
Channel 08:	2410 MHz	Channel 28:	2430 MHz	Channel 48:	2450 MHz	Channel 68:	2470 MHz
Channel 09:	2411 MHz	Channel 29:	2431 MHz	Channel 49:	2451 MHz	Channel 69:	2471 MHz
Channel 10:	2412 MHz	Channel 30:	2432 MHz	Channel 50:	2452 MHz	Channel 70:	2472 MHz
Channel 11:	2413 MHz	Channel 31:	2433 MHz	Channel 51:	2453 MHz	Channel 71:	2473 MHz
Channel 12:	2414 MHz	Channel 32:	2434 MHz	Channel 52:	2454 MHz	Channel 72:	2474 MHz
Channel 13:	2415 MHz	Channel 33:	2435 MHz	Channel 53:	2455 MHz	Channel 73:	2475 MHz
Channel 14:	2416 MHz	Channel 34:	2436 MHz	Channel 54:	2456 MHz	Channel 74:	2476 MHz
Channel 15:	2417 MHz	Channel 35:	2437 MHz	Channel 55:	2457 MHz	Channel 75:	2477 MHz
Channel 16:	2418 MHz	Channel 36:	2438 MHz	Channel 56:	2458 MHz	Channel 76:	2478 MHz
Channel 17:	2419 MHz	Channel 37:	2439 MHz	Channel 57:	2459 MHz	Channel 77:	2479 MHz
Channel 18:	2420 MHz	Channel 38:	2440 MHz	Channel 58:	2460 MHz	Channel 78:	2480 MHz
Channel 19:	2421 MHz	Channel 39:	2441 MHz	Channel 59:	2461 MHz		

Bluetooth V4.2 Center Frequency of Each Channel:

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

Note:

1. The EUT is a HYBRID INSTANT CAMERA with a built-in Bluetooth (V4.2 and V3.0+HS, V2.1+EDR) transceiver.
2. 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.
3. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
4. The radiation measurements are performed in X, Y, Z axis positioning. Only the worst case is shown in the report.
5. The report addition power IC, Torex IC (for print use) and re-test 30MHz-1GHz Spurious Emissions, Conducted Emission.
6. The test mode is based on the Bluetooth technology, while testing 1Mbps, 2Mbps and 3Mbps, the worst case is 1Mbps and 3Mbps, and only worse case data is recorded in this report.

Test Mode	Mode 1: Transmit - Bluetooth_1Mbps Mode 2: Transmit - Bluetooth_3Mbps Mode 3: Transmit - BLE_1Mbps

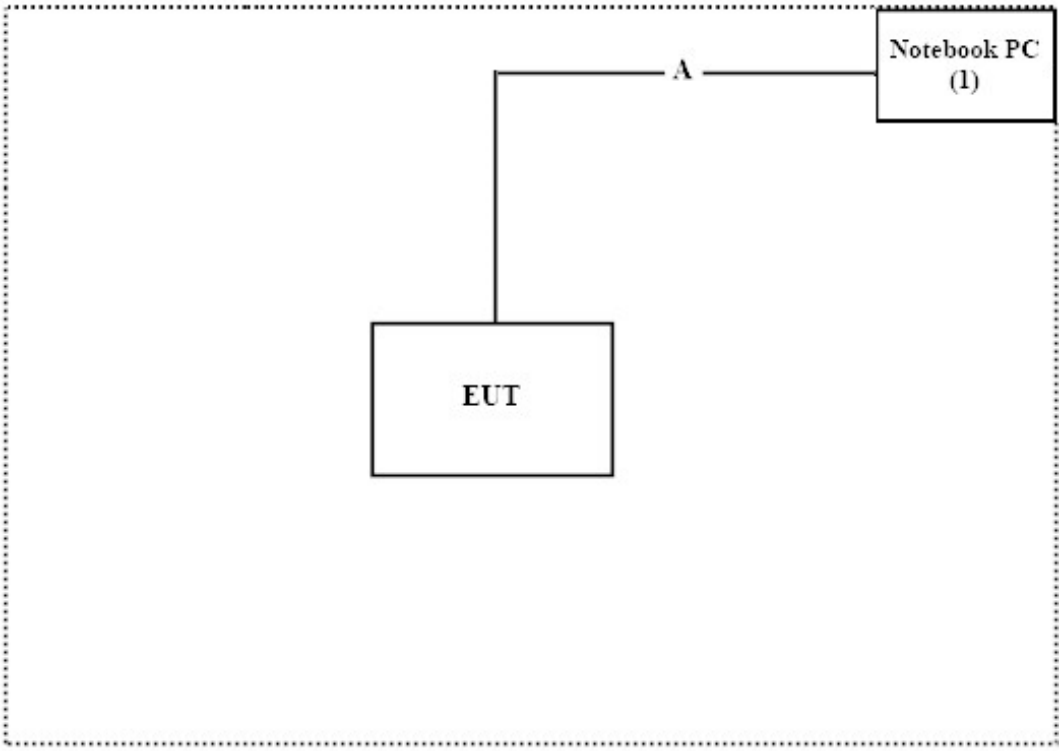
1.2. Tested System Details

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

Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook PC	DELL	Latitude 5580	GDZN7H2	Non-shielded, 0.8m

Signal Cable Type		Signal cable Description
A	USB Cable	Non-shielded, 0.8m, with one ferrite core bonded.

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 v01.06.20181227.OD” on the EUT.
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 ℃	30.4 ℃
	Humidity (%RH)	10~90 %	58.3 %
Radiated Emission	Temperature (°C)	10~40 ℃	28.3 ℃
	Humidity (%RH)	10~90 %	69.5 %
Conductive	Temperature (°C)	10~40 ℃	22.0 ℃
	Humidity (%RH)	10~90 %	55.0 %

USA : FCC Registration Number: TW0033

Canada : IC Registration Number: 26930

Site Description : Accredited by TAF
Accredited Number: 3023

Test Laboratory : DEKRA Testing and Certification Co., Ltd
Address : No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City
Phone number : 886-2-2602-7968
Fax number : 866-2-2602-3286
Email address : info.tw@dekra.com
Website : http://www.dekra.com.tw

1.6. List of Test Equipment

For Conduction measurements /SH1

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due. Date
X	EMI Test Receiver	R&S	ESR7	101601	2021.01.04	2022.01.03
X	Two-Line V-Network	R&S	ENV216	101306	2021.04.08	2022.04.07
X	Two-Line V-Network	R&S	ENV216	101307	2021.05.04	2022.05.03
X	Coaxial Cable	DEKRA	RG400_BNC	RF001	2021.05.24	2022.05.23

Note:
1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Testing System V2.0

For Conducted measurements /966-3

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due. Date
X	Spectrum Analyzer	Keysight	N9030B	MY56320509	2020.08.10	2021.08.09
X	Power Meter	Anritsu	ML2496A	1548003	2020.12.21	2021.12.20
X	Power Sensor	Anritsu	MA2411B	1531024	2020.12.21	2021.12.20
X	Power Sensor	Anritsu	MA2411B	1531025	2020.12.21	2021.12.20

Note:
1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Conduction Test System V9.0.5.

For Radiated measurements /966-3

	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due. Date
X	Loop Antenna	AMETEK	HLA6121	49611	2021.03.16	2022.03.15
X	Bi-Log Antenna	SCHWARZBECK	VULB9168	9168-678	2020.09.04	2021.09.03
X	Horn Antenna	ETS-Lindgren	3117	00201259	2020.10.23	2021.10.22
	Horn Antenna	Com-Power	AH-840	101101	2020.11.19	2021.11.18
X	Pre-Amplifier	EMCI	EMC001330	980302	2020.07.08	2021.07.07
X	Pre-Amplifier	EMCI	EMC05820SE	980362	2020.06.30	2021.06.29
X	Pre-Amplifier	EMCI	EMC051835SE	980313	2020.11.25	2021.11.24
	Pre-Amplifier	EMCI	EMC184045SE	980369	2021.04.27	2022.04.26
X	Filter	MICRO-TRONICS	BRM50702	G270	2020.08.17	2021.08.16
	Filter	MICRO-TRONICS	BRM50716	G196	2020.08.17	2021.08.16
X	EMI Test Receiver	R&S	ESR	102793	2020.12.17	2021.12.16
X	Spectrum Analyzer	R&S	FSV3044	101113	2021.02.03	2022.02.02
X	Coaxial Cable	SUHNER	SUCOFLEX 106	RF002	2021.03.03	2022.03.02
X	Mircoflex Cable	HUBER SUHNER	SUCOFLEX 102	MY3381/2	2020.06.10	2021.06.09

Note:
1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Testing System V2.0.

1.7. Uncertainty

Uncertainties have been calculated according to the DEKRA internal document, and is described in each test chapter of this report.

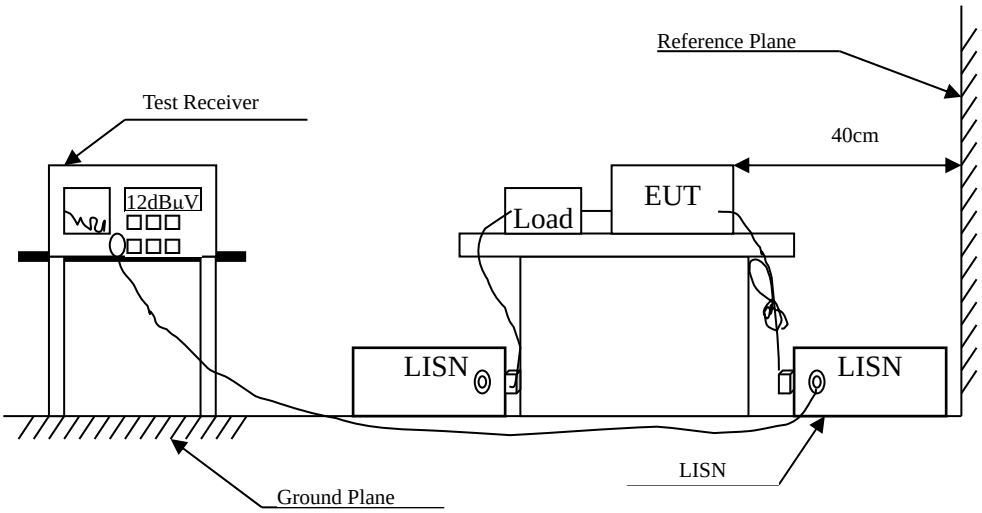
The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

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	±3.42 dB	
Peak Power Output	±0.89 dB	
Radiated Emission	Under 1GHz ±4.05 dB	Above 1GHz ±3.73 dB
RF Antenna Conducted Test	±2.06 dB	
Band Edge	Under 1GHz ±4.05 dB	Above 1GHz ±3.73 dB
Channel Number	N/A	
Channel Separation	±1544.74 Hz	
Dwell Time	±2.31 ms	
Occupied Bandwidth	±1544.74 Hz	
Power Density	±2.06 dB	
Duty Cycle	±2.31 ms	

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.)

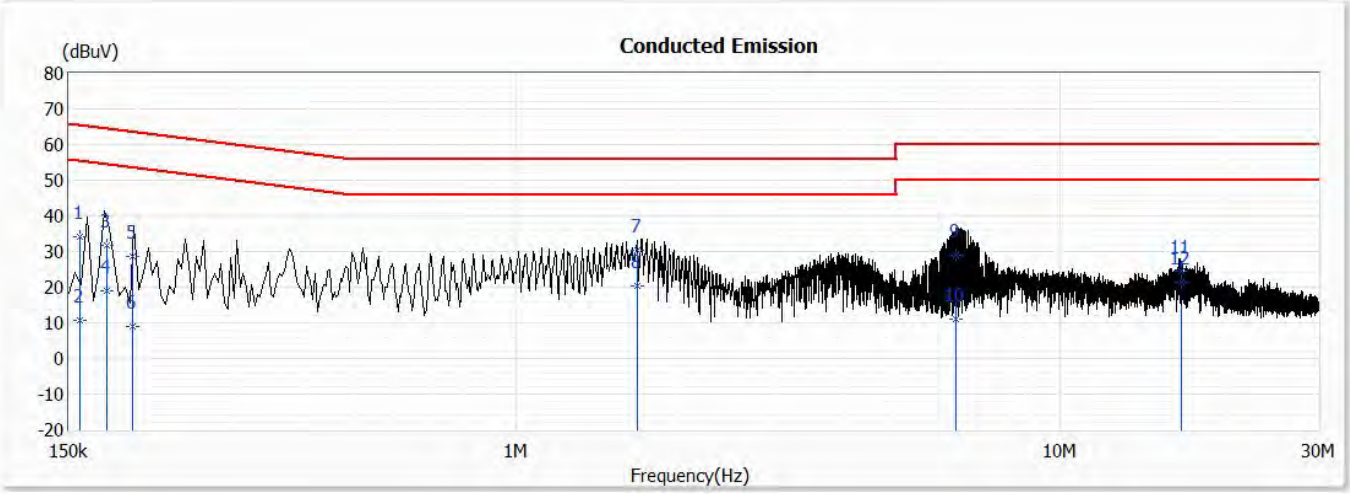
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all the interface cables must be changed according to ANSI C63.4: 2014 on conducted measurement.

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

The EUT setup and the test procedure are according to ANSI C63.4, 2014 to comply with the requirements of FCC 47CFR Subpart C.

2.4. Test Result of Conducted Emission

Product : HYBRID INSTANT CAMERA
Test Item : Conducted Emission Test
Power Line : L 1
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2441MHz)
Test Date : 2021/05/27

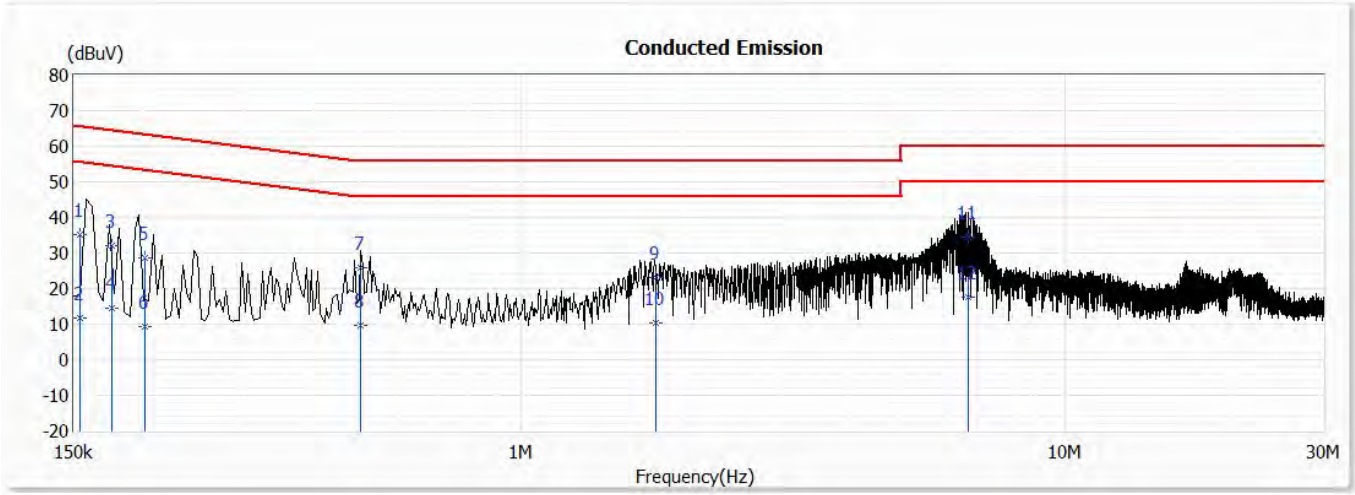


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.157	34.05	65.60	-31.55	24.39	9.66	QP
2	0.157	10.53	55.60	-45.07	0.87	9.66	AV
3	0.176	31.77	64.66	-32.89	22.12	9.65	QP
4	0.176	18.86	54.66	-35.80	9.21	9.65	AV
5	0.196	28.73	63.76	-35.03	19.08	9.65	QP
6	0.196	9.08	53.76	-44.68	-0.57	9.65	AV
*7	1.672	30.46	56.00	-25.54	20.75	9.71	QP
8	1.672	20.43	46.00	-25.57	10.72	9.71	AV
9	6.447	29.00	60.00	-31.00	19.18	9.82	QP
10	6.447	10.99	50.00	-39.01	1.17	9.82	AV
11	16.794	24.32	60.00	-35.68	14.37	9.95	QP
12	16.794	21.51	50.00	-28.49	11.56	9.95	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * " means the worst emission level.
3. Emission Level = Reading Level + Correct Factor

Product : HYBRID INSTANT CAMERA
Test Item : Conducted Emission Test
Power Line : N
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2441MHz)
Test Date : 2021/05/27

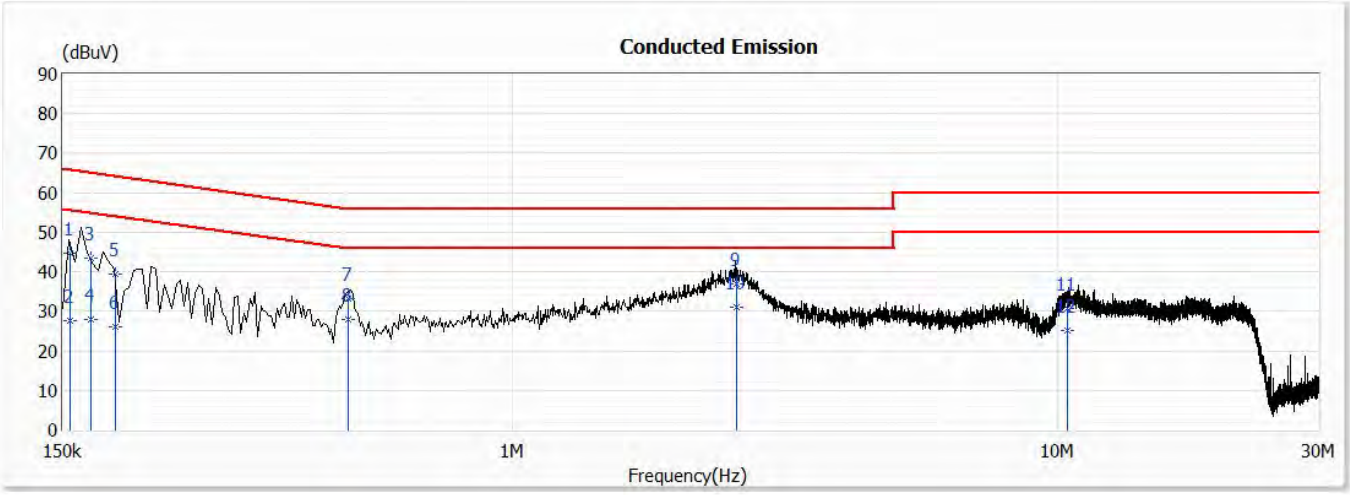


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.154	35.04	65.79	-30.75	25.37	9.67	QP
2	0.154	11.72	55.79	-44.07	2.05	9.67	AV
3	0.176	32.09	64.68	-32.59	22.42	9.67	QP
4	0.176	14.51	54.68	-40.17	4.84	9.67	AV
5	0.203	28.56	63.50	-34.94	18.89	9.67	QP
6	0.203	9.27	53.50	-44.23	-0.40	9.67	AV
7	0.505	25.79	56.00	-30.21	16.12	9.67	QP
8	0.505	9.61	46.00	-36.39	-0.06	9.67	AV
9	1.767	23.22	56.00	-32.78	13.50	9.72	QP
10	1.767	10.46	46.00	-35.54	0.74	9.72	AV
*11	6.653	34.63	60.00	-25.37	24.78	9.85	QP
12	6.653	17.58	50.00	-32.42	7.73	9.85	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ * “ means the worst emission level.
3. Emission Level = Reading Level + Correct Factor

Product : HYBRID INSTANT CAMERA
Test Item : Conducted Emission Test
Power Line : L 1
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2441MHz)-Power IC Torex
Test Date : 2021/07/22

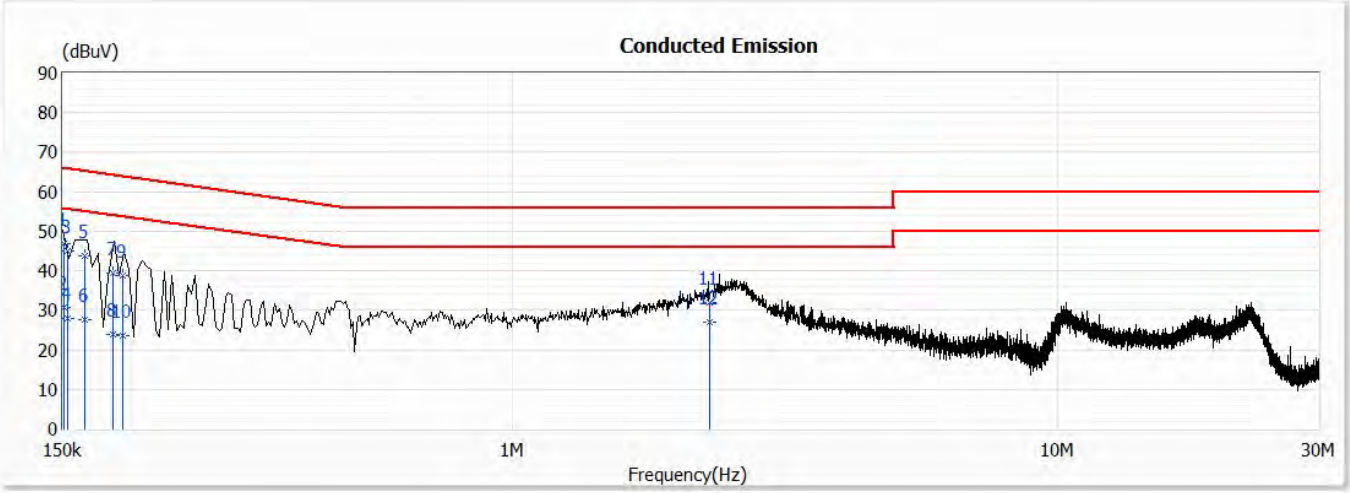


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.155	44.81	65.72	-20.91	35.15	9.66	QP
2	0.155	27.48	55.72	-28.24	17.82	9.66	AV
3	0.169	43.33	65.03	-21.70	33.67	9.66	QP
4	0.169	27.83	55.03	-27.20	18.17	9.66	AV
5	0.188	39.54	64.13	-24.59	29.89	9.65	QP
6	0.188	26.09	54.13	-28.04	16.44	9.65	AV
7	0.500	33.08	56.00	-22.92	23.42	9.66	QP
8	0.500	28.06	46.00	-17.94	18.40	9.66	AV
9	2.571	36.80	56.00	-19.20	27.07	9.73	QP
*10	2.571	31.01	46.00	-14.99	21.28	9.73	AV
11	10.381	30.82	60.00	-29.18	20.93	9.89	QP
12	10.381	25.05	50.00	-24.95	15.16	9.89	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ * “ means the worst emission level.
3. Emission Level = Reading Level + Correct Factor

Product : HYBRID INSTANT CAMERA
Test Item : Conducted Emission Test
Power Line : N
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2441MHz)-Power IC Torex
Test Date : 2021/07/22

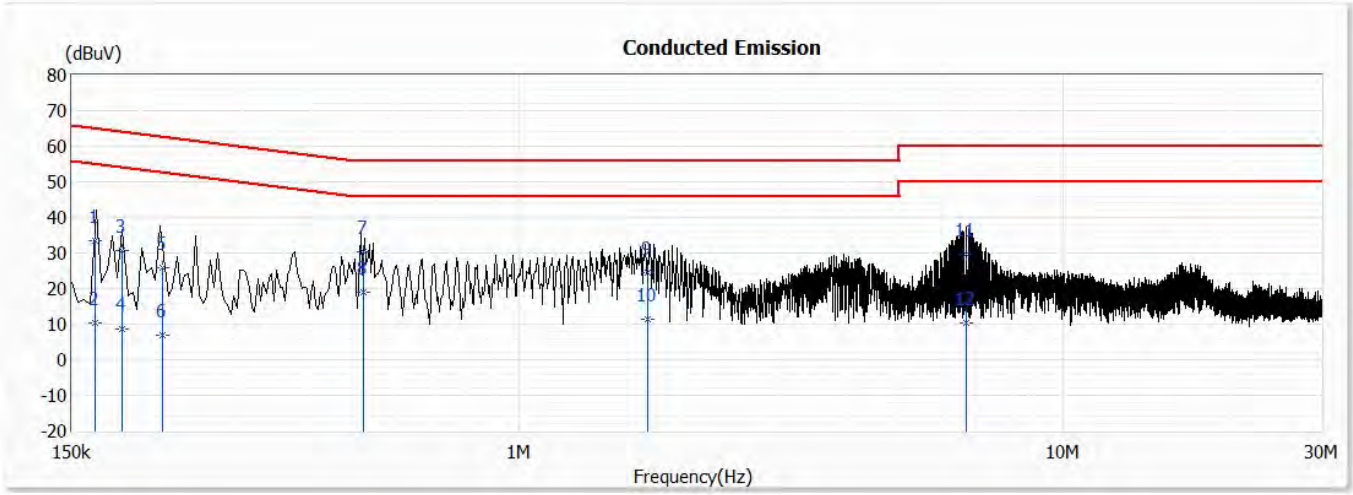


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
*1	0.151	46.88	65.94	-19.06	37.21	9.67	QP
2	0.151	30.70	55.94	-25.24	21.03	9.67	AV
3	0.153	44.90	65.84	-20.94	35.23	9.67	QP
4	0.153	28.00	55.84	-27.84	18.33	9.67	AV
5	0.165	43.66	65.21	-21.55	33.99	9.67	QP
6	0.165	27.57	55.21	-27.64	17.90	9.67	AV
7	0.186	39.49	64.23	-24.74	29.82	9.67	QP
8	0.186	23.86	54.23	-30.37	14.19	9.67	AV
9	0.193	38.67	63.90	-25.23	29.00	9.67	QP
10	0.193	23.51	53.90	-30.39	13.84	9.67	AV
11	2.294	32.02	56.00	-23.98	22.28	9.74	QP
12	2.294	26.93	46.00	-19.07	17.19	9.74	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ * “ means the worst emission level.
3. Emission Level = Reading Level + Correct Factor

Product : HYBRID INSTANT CAMERA
Test Item : Conducted Emission Test
Power Line : L 1
Test Mode : Mode 3: Transmit - BLE_1Mbps (2440MHz)
Test Date : 2021/05/27

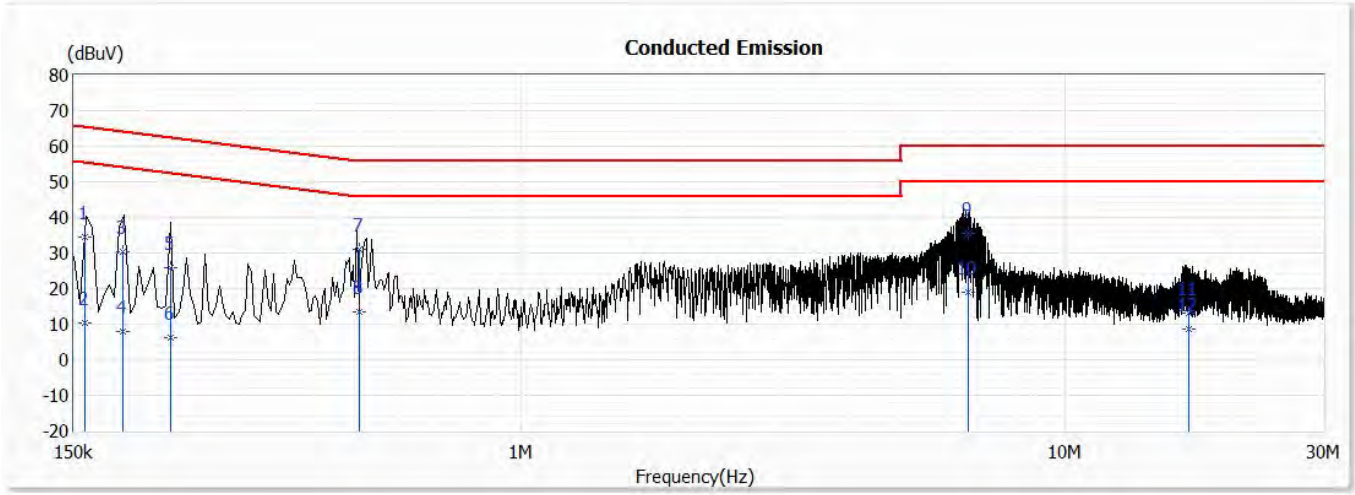


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.165	33.31	65.20	-31.89	23.65	9.66	QP
2	0.165	10.27	55.20	-44.93	0.61	9.66	AV
3	0.185	30.64	64.24	-33.60	20.99	9.65	QP
4	0.185	8.69	54.24	-45.55	-0.96	9.65	AV
5	0.220	25.88	62.82	-36.94	16.23	9.65	QP
6	0.220	6.99	52.82	-45.83	-2.66	9.65	AV
*7	0.517	30.47	56.00	-25.53	20.81	9.66	QP
8	0.517	18.88	46.00	-27.12	9.22	9.66	AV
9	1.725	24.65	56.00	-31.35	14.94	9.71	QP
10	1.725	11.45	46.00	-34.55	1.74	9.71	AV
11	6.664	29.60	60.00	-30.40	19.77	9.83	QP
12	6.664	10.19	50.00	-39.81	0.36	9.83	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ * “ means the worst emission level.
3. Emission Level = Reading Level + Correct Factor

Product : HYBRID INSTANT CAMERA
Test Item : Conducted Emission Test
Power Line : N
Test Mode : Mode 3: Transmit - BLE_1Mbps (2440MHz)
Test Date : 2021/05/27

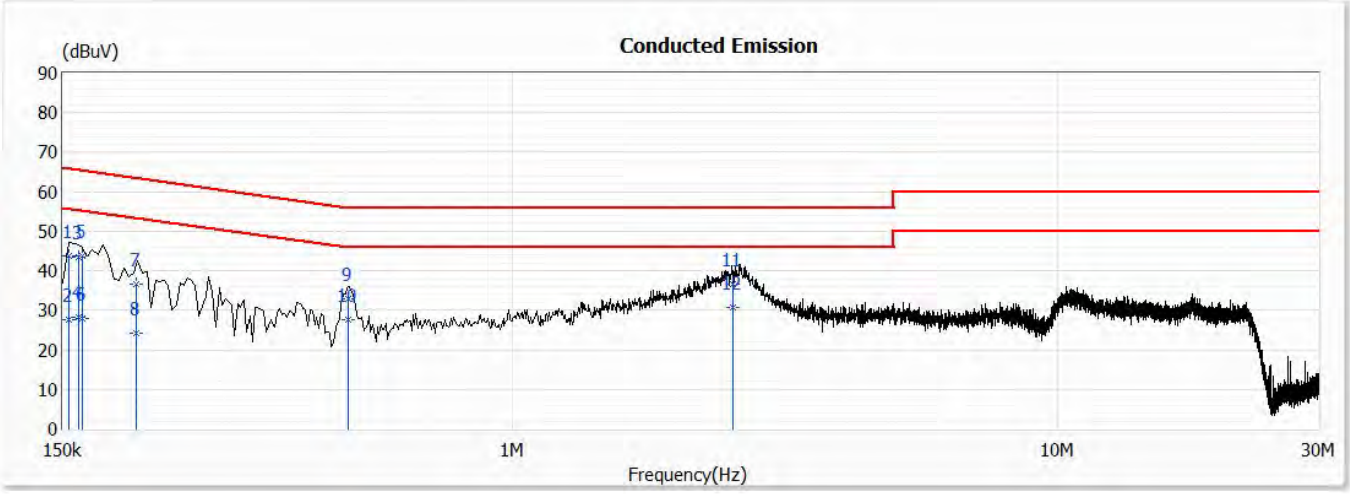


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.157	34.59	65.60	-31.01	24.92	9.67	QP
2	0.157	10.24	55.60	-45.36	0.57	9.67	AV
3	0.185	30.46	64.25	-33.79	20.79	9.67	QP
4	0.185	7.77	54.25	-46.48	-1.90	9.67	AV
5	0.226	25.98	62.59	-36.61	16.31	9.67	QP
6	0.226	6.14	52.59	-46.45	-3.53	9.67	AV
7	0.503	30.98	56.00	-25.02	21.31	9.67	QP
8	0.503	13.34	46.00	-32.66	3.67	9.67	AV
*9	6.661	35.41	60.00	-24.59	25.56	9.85	QP
10	6.661	18.81	50.00	-31.19	8.96	9.85	AV
11	16.908	12.99	60.00	-47.01	2.98	10.01	QP
12	16.908	8.45	50.00	-41.55	-1.56	10.01	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ * “ means the worst emission level.
3. Emission Level = Reading Level + Correct Factor

Product : HYBRID INSTANT CAMERA
Test Item : Conducted Emission Test
Power Line : L 1
Test Mode : Mode 3: Transmit - BLE_1Mbps (2440MHz)-Power IC Torex
Test Date : 2021/07/22

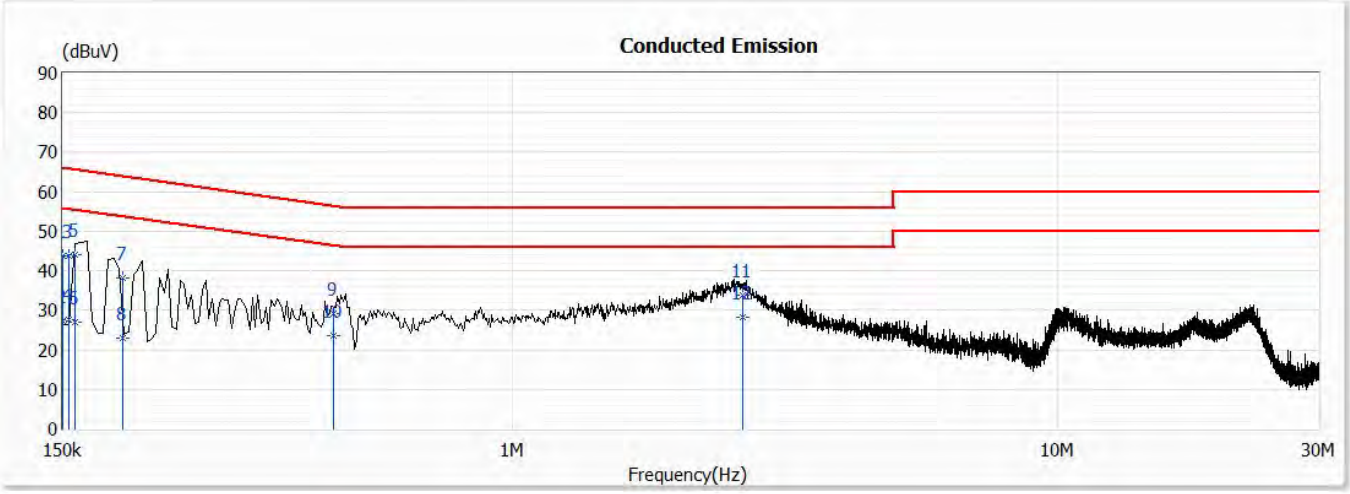


No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.154	43.81	65.78	-21.97	34.15	9.66	QP
2	0.154	27.58	55.78	-28.20	17.92	9.66	AV
3	0.161	43.59	65.44	-21.85	33.93	9.66	QP
4	0.161	28.38	55.44	-27.06	18.72	9.66	AV
5	0.163	43.77	65.32	-21.55	34.11	9.66	QP
6	0.163	27.88	55.32	-27.44	18.22	9.66	AV
7	0.204	36.71	63.43	-26.72	27.06	9.65	QP
8	0.204	24.21	53.43	-29.22	14.56	9.65	AV
9	0.500	32.82	56.00	-23.18	23.16	9.66	QP
10	0.500	27.52	46.00	-18.48	17.86	9.66	AV
11	2.537	36.75	56.00	-19.25	27.02	9.73	QP
*12	2.537	30.71	46.00	-15.29	20.98	9.73	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ * “ means the worst emission level.
3. Emission Level = Reading Level + Correct Factor

Product : HYBRID INSTANT CAMERA
Test Item : Conducted Emission Test
Power Line : N
Test Mode : Mode 3: Transmit - BLE_1Mbps (2440MHz)-Power IC Torex
Test Date : 2021/07/22



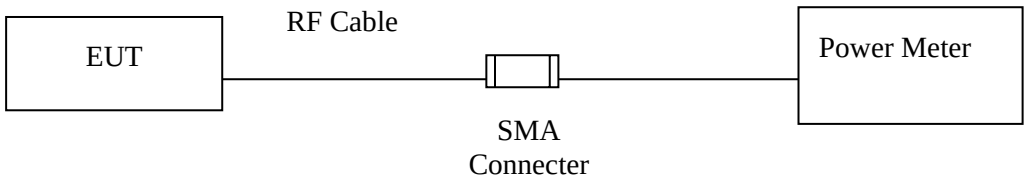
No	Frequency (MHz)	Emission Level (dBuV)	Limit (dBuV)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	0.150	43.68	66.00	-22.32	34.01	9.67	QP
2	0.150	27.19	56.00	-28.81	17.52	9.67	AV
3	0.154	43.77	65.77	-22.00	34.10	9.67	QP
4	0.154	27.76	55.77	-28.01	18.09	9.67	AV
5	0.158	44.10	65.59	-21.49	34.43	9.67	QP
6	0.158	27.09	55.59	-28.50	17.42	9.67	AV
7	0.193	38.15	63.91	-25.76	28.48	9.67	QP
8	0.193	22.93	53.91	-30.98	13.26	9.67	AV
9	0.471	29.11	56.49	-27.38	19.44	9.67	QP
10	0.471	23.58	46.49	-22.91	13.91	9.67	AV
11	2.646	33.79	56.00	-22.21	24.05	9.74	QP
*12	2.646	28.19	46.00	-17.81	18.45	9.74	AV

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. “ * “ means the worst emission level.
3. Emission Level = Reading Level + Correct Factor

3. Peak Power Output

3.1. Test Setup



3.2. Limit

The maximum peak power shall be less 1Watt.

3.3. Test Procedure

Tested according to FHSS test procedure of KDB 558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

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 : Mode 1: Transmit - Bluetooth_1Mbps
Test Date : 2021/04/20

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit	Result
Channel 00	2402	7.03	1 Watt= 30 dBm	Pass
Channel 39	2441	7.31	1 Watt= 30 dBm	Pass
Channel 78	2480	7.07	1 Watt= 30 dBm	Pass

Product : HYBRID INSTANT CAMERA
Test Item : Peak Power Output
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps
Test Date : 2021/04/20

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit	Result
Channel 00	2402	8.47	1 Watt= 30 dBm	Pass
Channel 39	2441	8.67	1 Watt= 30 dBm	Pass
Channel 78	2480	8.35	1 Watt= 30 dBm	Pass

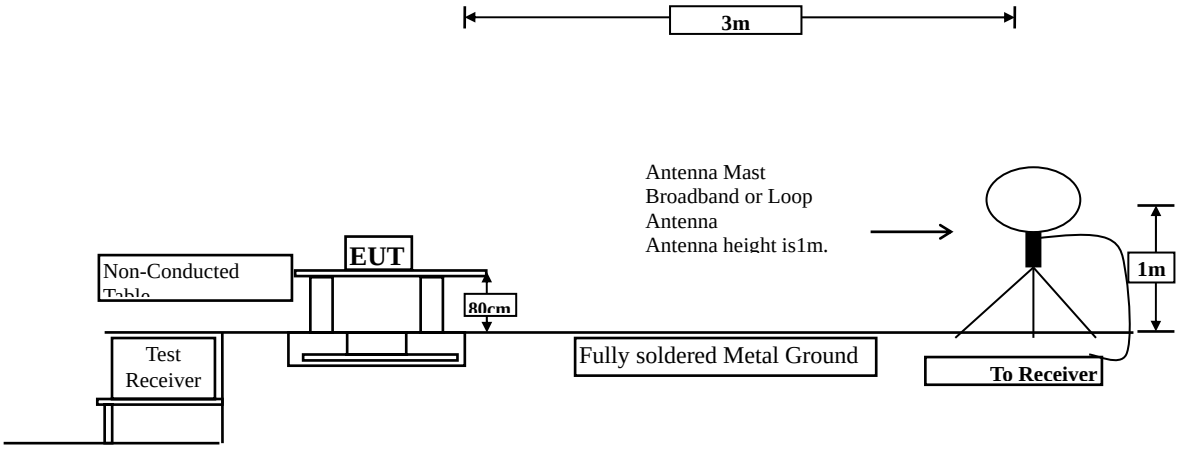
Product : HYBRID INSTANT CAMERA
Test Item : Peak Power Output
Test Mode : Mode 3: Transmit - BLE_1Mbps
Test Date : 2021/04/20

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit	Result
Channel 00	2402	7.14	1 Watt= 30 dBm	Pass
Channel 19	2440	7.52	1 Watt= 30 dBm	Pass
Channel 39	2480	7.31	1 Watt= 30 dBm	Pass

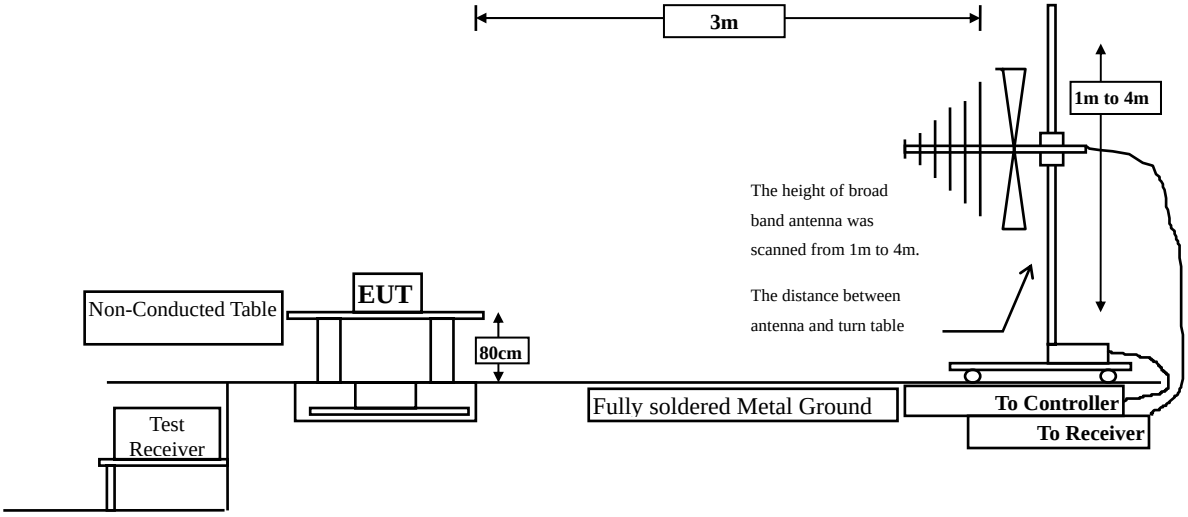
4. Radiated Emission

4.1. Test Setup

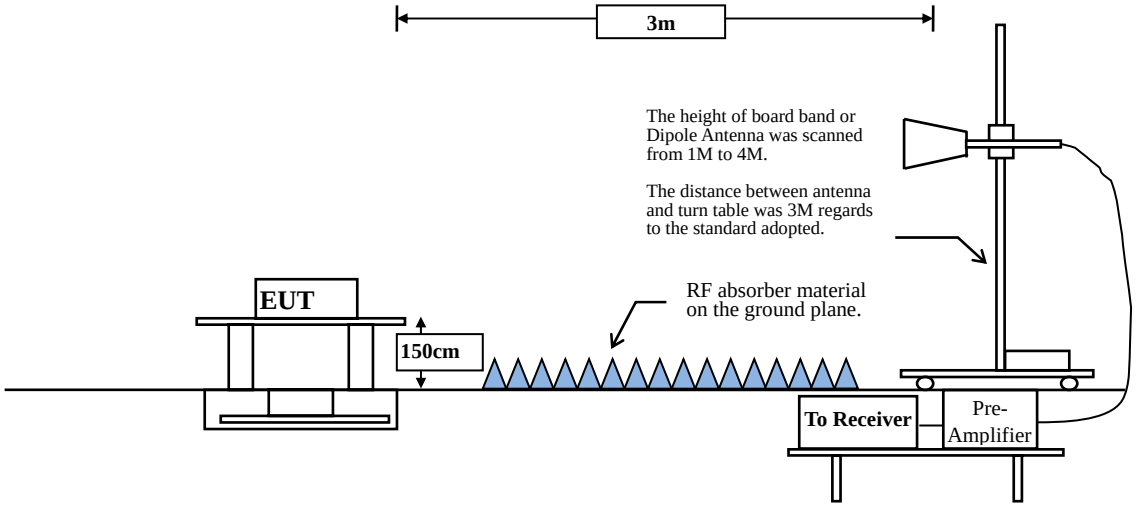
Radiated Emission Under 30MHz



Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



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 Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	Field strength (microvolts/meter)	Measurement distance (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 (dBuV) = 20 log RF Voltage (uV)
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 compliance to FCC 47CFR 15.247 requirements.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground, when measuring the frequency range above 1GHz, 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 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz 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 9kHz - 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 ≥ 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 = 1MHz.

VBW = 10Hz, when duty cycle ≥ 98 %

VBW ≥ 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.)

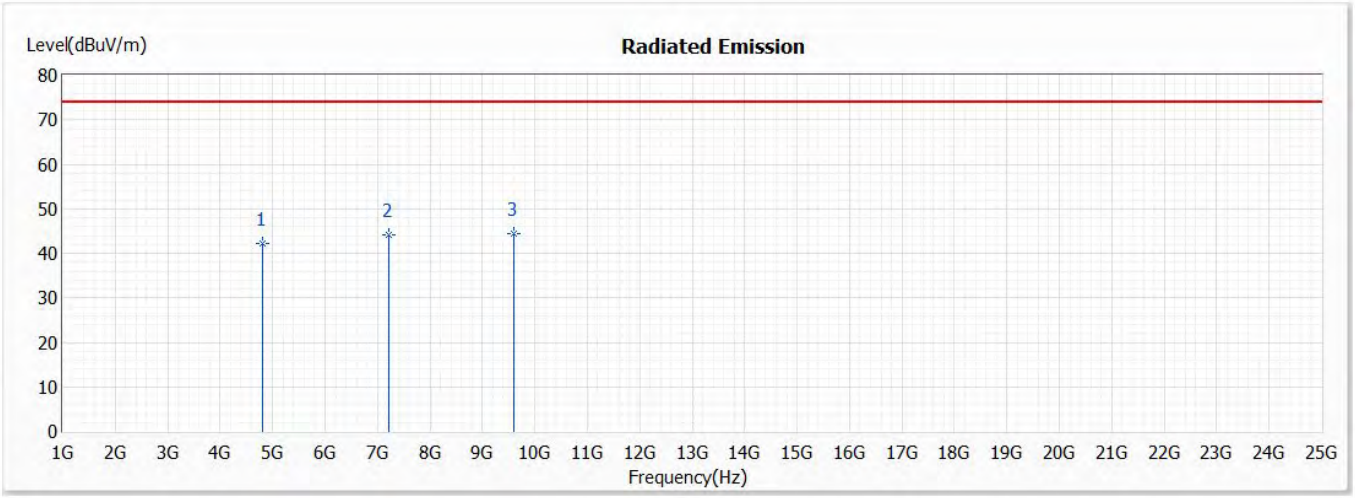
2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
BLE 1Mbps	64.10	0.4006	2496	3000

Note: Duty Cycle Refer to Section 12

4.4. Test Result of Radiated Emission

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps(2402MHz)
Test Date : 2021/05/27

Horizontal



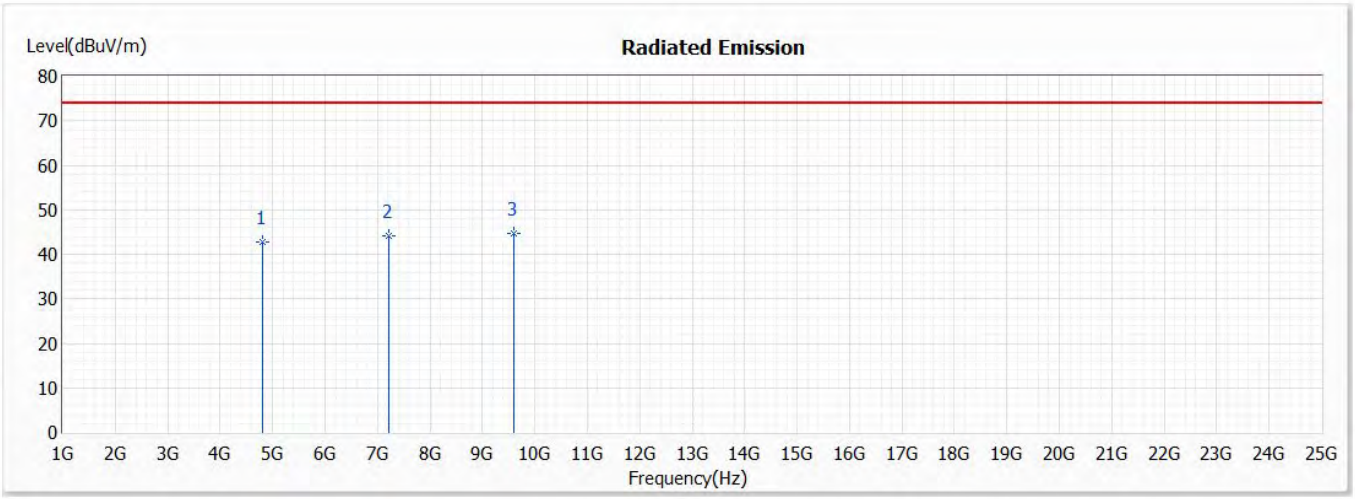
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4804.000	42.13	74.00	-31.87	41.64	0.49	PK
2	7206.000	44.23	74.00	-29.77	39.52	4.71	PK
* 3	9608.000	44.53	74.00	-29.47	37.68	6.85	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps(2402MHz)
Test Date : 2021/05/27

Vertical



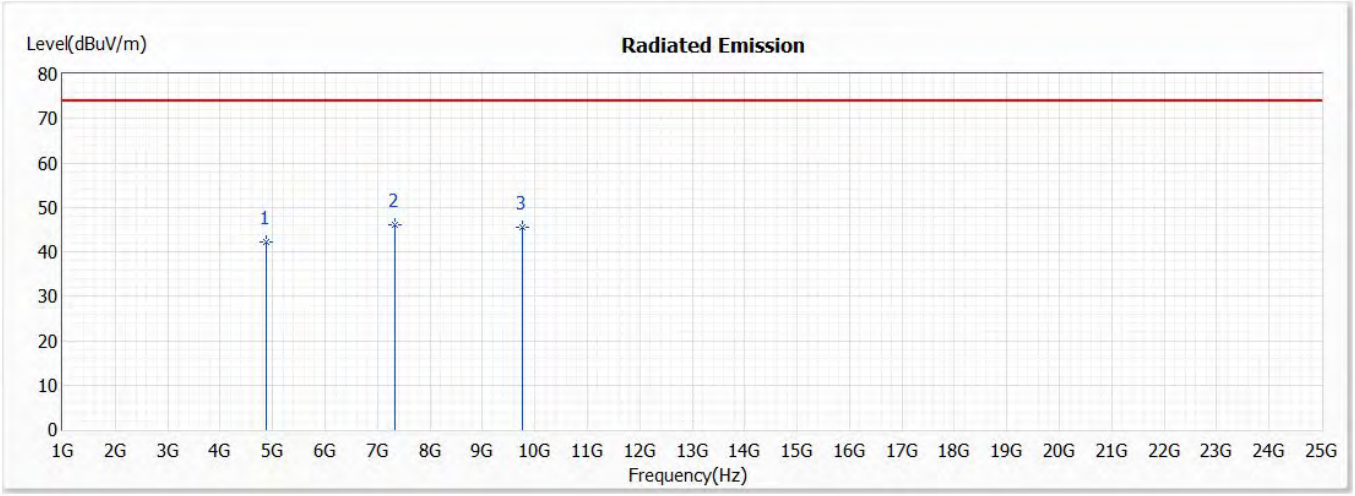
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4804.000	42.79	74.00	-31.21	42.30	0.49	PK
2	7206.000	44.07	74.00	-29.93	39.36	4.71	PK
* 3	9608.000	44.75	74.00	-29.25	37.90	6.85	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps(2441MHz)
Test Date : 2021/05/27

Horizontal



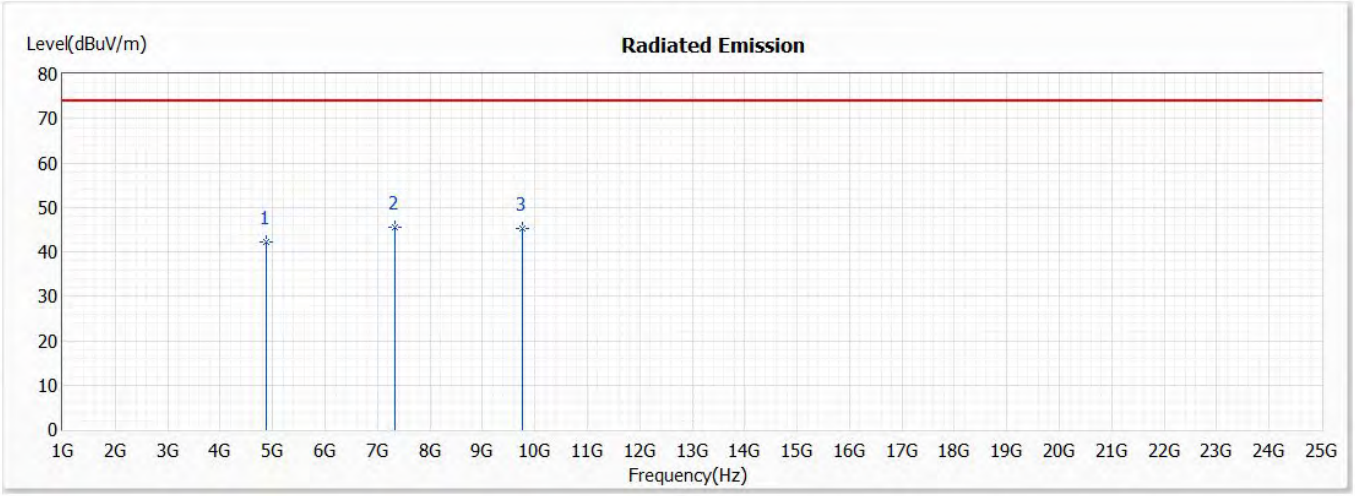
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4882.000	42.10	74.00	-31.90	41.50	0.60	PK
* 2	7323.000	45.94	74.00	-28.06	41.10	4.84	PK
3	9764.000	45.61	74.00	-28.39	38.38	7.23	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps(2441MHz)
Test Date : 2021/05/27

Vertical



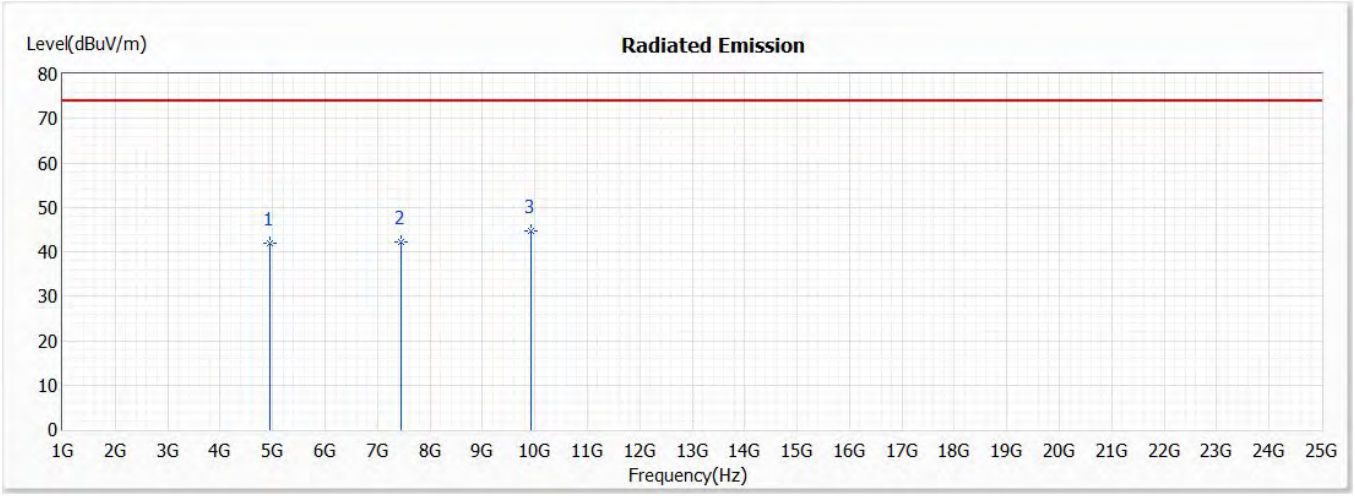
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4882.000	42.34	74.00	-31.66	41.74	0.60	PK
* 2	7323.000	45.65	74.00	-28.35	40.81	4.84	PK
3	9764.000	45.13	74.00	-28.87	37.90	7.23	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps(2480MHz)
Test Date : 2021/05/27

Horizontal



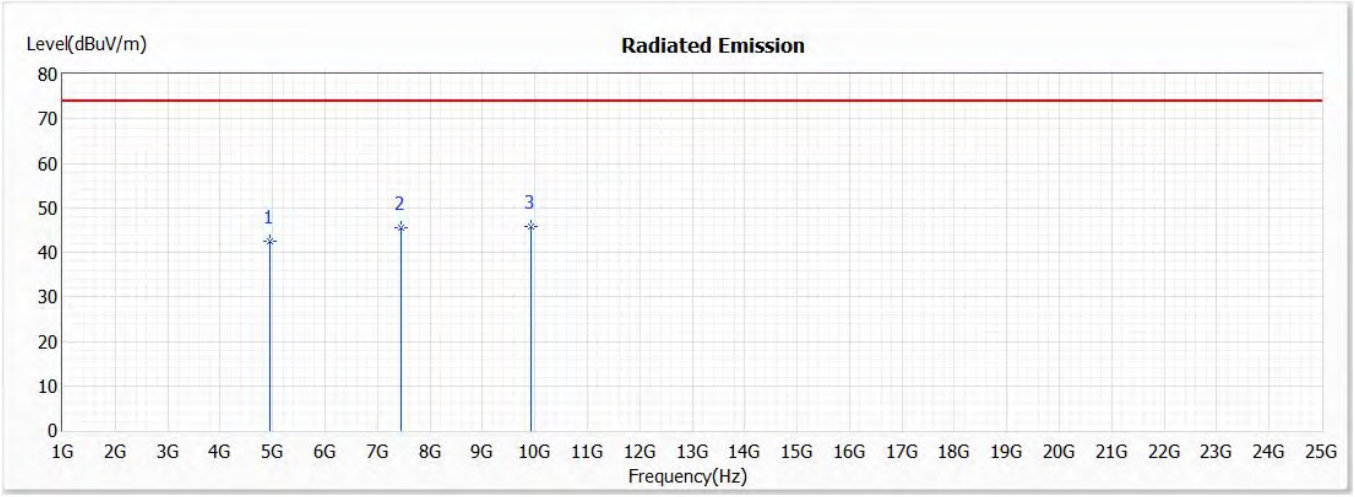
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4960.000	41.80	74.00	-32.20	41.10	0.70	PK
2	7440.000	42.32	74.00	-31.68	37.39	4.93	PK
* 3	9920.000	44.69	74.00	-29.31	37.29	7.40	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps(2480MHz)
Test Date : 2021/05/27

Vertical



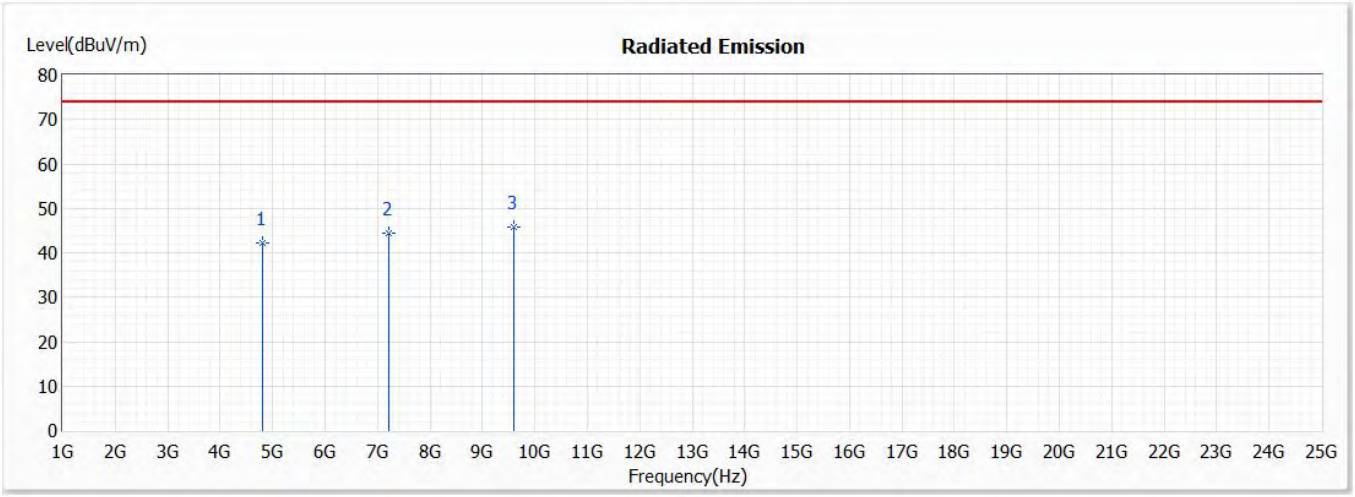
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4960.000	42.38	74.00	-31.62	41.68	0.70	PK
2	7440.000	45.47	74.00	-28.53	40.54	4.93	PK
* 3	9920.000	45.69	74.00	-28.31	38.29	7.40	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps(2402MHz)
Test Date : 2021/05/27

Horizontal



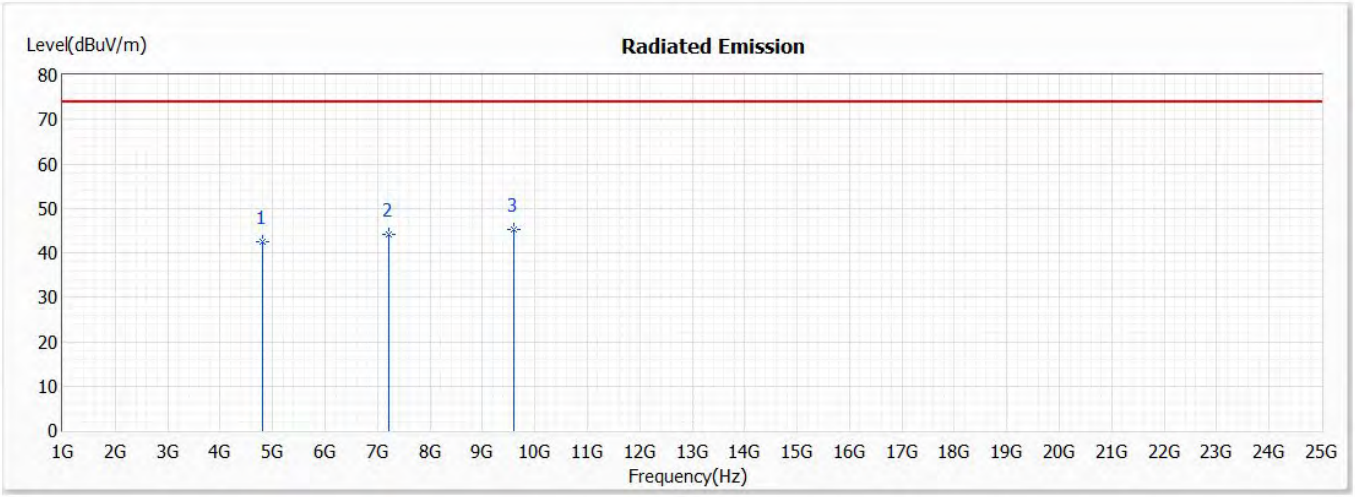
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4804.000	42.33	74.00	-31.67	41.84	0.49	PK
2	7206.000	44.49	74.00	-29.51	39.78	4.71	PK
* 3	9608.000	45.93	74.00	-28.07	39.08	6.85	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps(2402MHz)
Test Date : 2021/05/27

Vertical



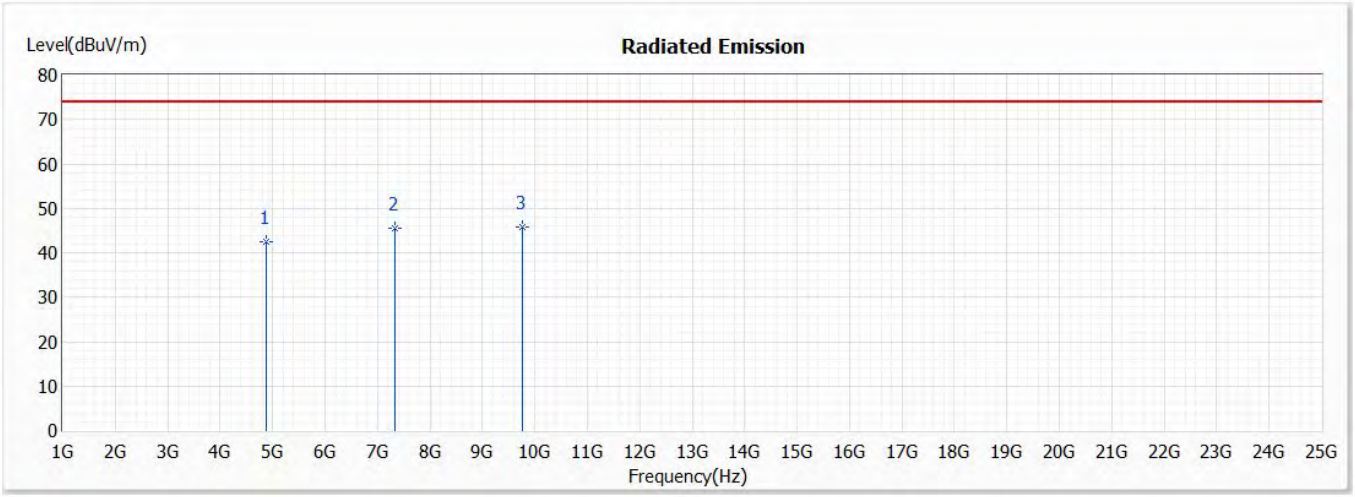
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4804.000	42.45	74.00	-31.55	41.96	0.49	PK
2	7206.000	44.27	74.00	-29.73	39.56	4.71	PK
* 3	9608.000	45.36	74.00	-28.64	38.51	6.85	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2441MHz)
Test Date : 2021/05/27

Horizontal



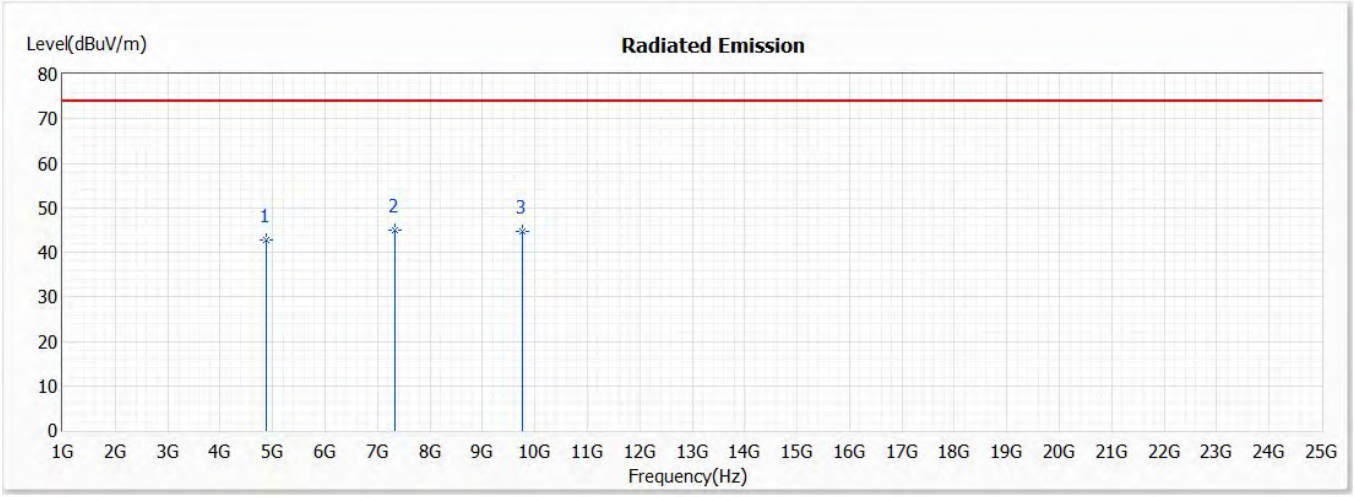
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4882.000	42.55	74.00	-31.45	41.95	0.60	PK
2	7323.000	45.38	74.00	-28.62	40.54	4.84	PK
* 3	9764.000	45.77	74.00	-28.23	38.54	7.23	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2441MHz)
Test Date : 2021/05/27

Vertical



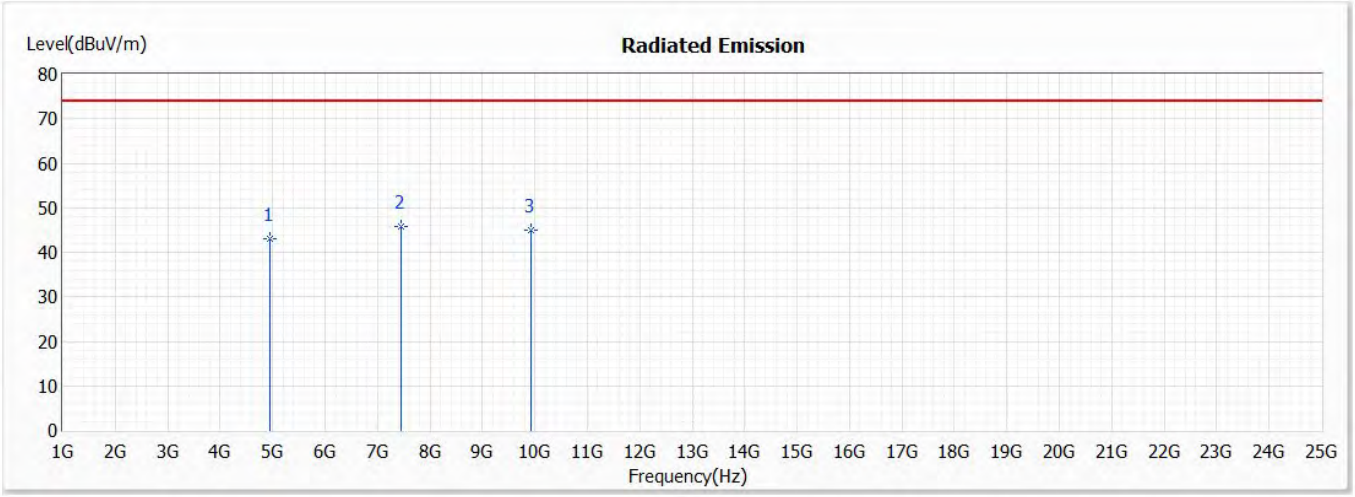
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4882.000	42.71	74.00	-31.29	42.11	0.60	PK
* 2	7323.000	44.95	74.00	-29.05	40.11	4.84	PK
3	9764.000	44.62	74.00	-29.38	37.39	7.23	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2480MHz)
Test Date : 2021/05/27

Horizontal



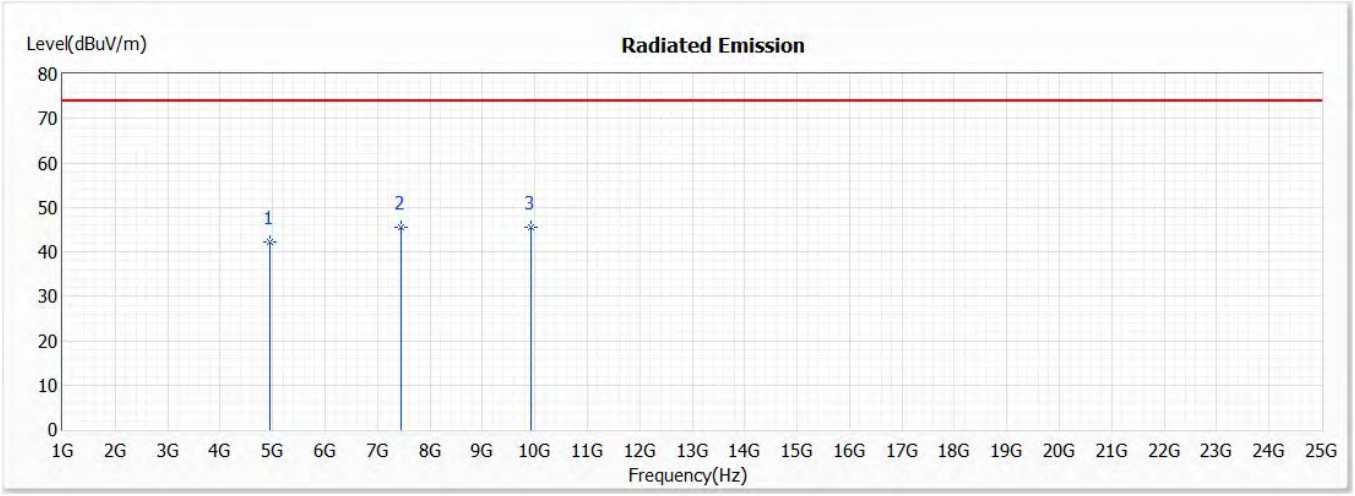
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4960.000	43.13	74.00	-30.87	42.43	0.70	PK
* 2	7440.000	45.86	74.00	-28.14	40.93	4.93	PK
3	9920.000	44.93	74.00	-29.07	37.53	7.40	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2480MHz)
Test Date : 2021/05/27

Vertical



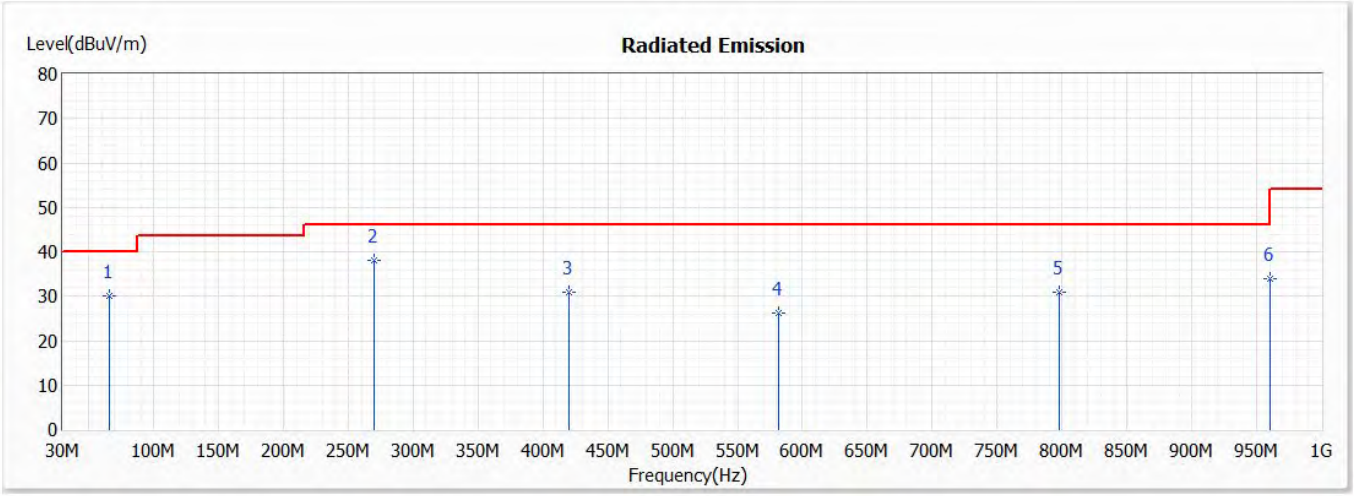
	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4960.000	42.29	74.00	-31.71	41.59	0.70	PK
2	7440.000	45.49	74.00	-28.51	40.56	4.93	PK
* 3	9920.000	45.56	74.00	-28.44	38.16	7.40	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
5. The average measurement was not performed when the peak measured data under the limit of average detection.
6. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	General Radiated Emission
Test Mode	:	Mode 2: Transmit - Bluetooth_3Mbps (2441MHz)
Test Date	:	2021/05/27

Horizontal



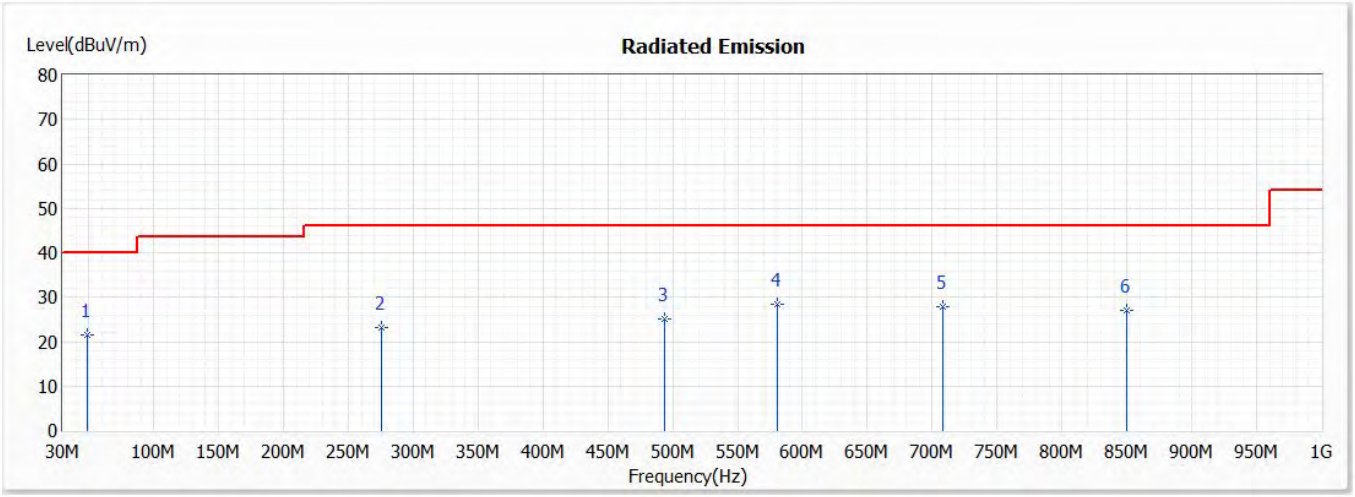
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	65.890	30.17	40.00	-9.83	42.73	-12.56	QP
* 2	269.590	38.10	46.00	-7.90	48.76	-10.66	QP
3	419.940	30.88	46.00	-15.12	37.52	-6.64	QP
4	581.930	26.30	46.00	-19.70	29.72	-3.42	QP
5	798.240	31.01	46.00	-14.99	31.03	-0.02	QP
6	960.230	33.90	54.00	-20.10	31.91	1.99	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : HYBRID INSTANT CAMERA
Test Item : General Radiated Emission
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2441MHz)
Test Date : 2021/05/27

Vertical



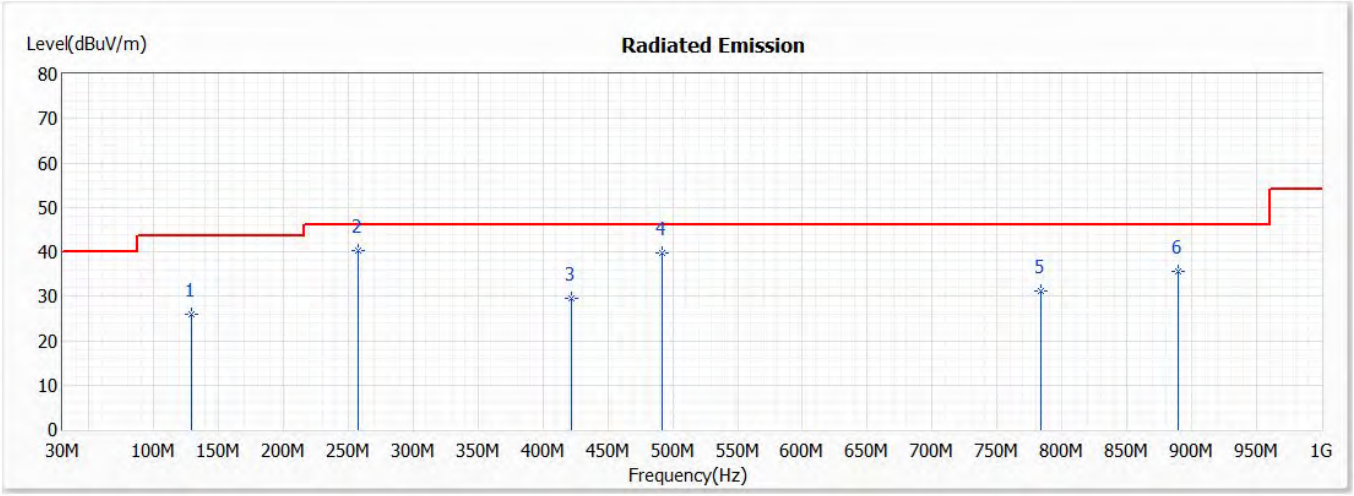
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	48.430	21.43	40.00	-18.57	31.85	-10.42	QP
2	275.410	23.12	46.00	-22.88	33.56	-10.44	QP
3	493.660	25.20	46.00	-20.80	30.52	-5.32	QP
* 4	580.960	28.33	46.00	-17.67	31.77	-3.44	QP
5	708.030	28.00	46.00	-18.00	29.40	-1.40	QP
6	849.650	26.99	46.00	-19.01	26.50	0.49	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : HYBRID INSTANT CAMERA
Test Item : General Radiated Emission
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2441MHz)-Power IC Torex
Test Date : 2021/07/20

Horizontal



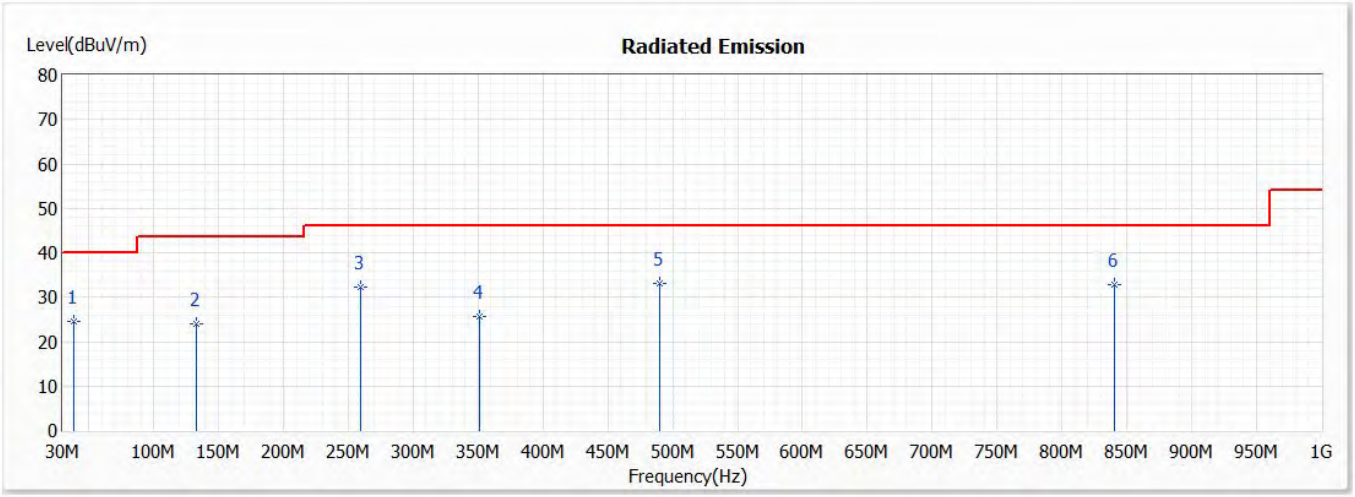
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	128.940	26.03	43.50	-17.47	46.64	-20.61	QP
* 2	257.950	40.28	46.00	-5.72	60.03	-19.75	QP
3	421.880	29.65	46.00	-16.35	44.75	-15.10	QP
4	491.720	39.69	46.00	-6.31	53.49	-13.80	QP
5	783.690	31.07	46.00	-14.93	39.42	-8.35	QP
6	889.420	35.47	46.00	-10.53	42.70	-7.23	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : HYBRID INSTANT CAMERA
Test Item : General Radiated Emission
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2441MHz)-Power IC Torex
Test Date : 2021/07/20

Vertical



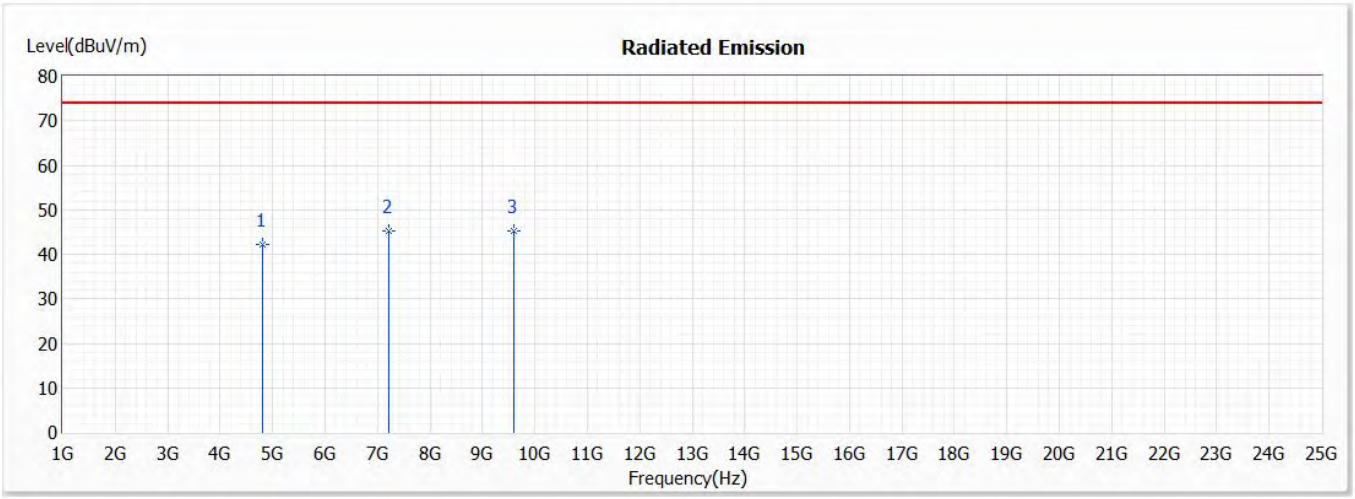
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	38.730	24.63	40.00	-15.37	43.92	-19.29	QP
2	132.820	24.11	43.50	-19.39	44.31	-20.20	QP
3	259.890	32.34	46.00	-13.66	52.05	-19.71	QP
4	351.070	25.65	46.00	-20.35	42.63	-16.98	QP
* 5	489.780	33.00	46.00	-13.00	46.83	-13.83	QP
6	839.950	32.78	46.00	-13.22	40.63	-7.85	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	Harmonic Radiated Emission
Test Mode	:	Mode 3: Transmit - BLE_1Mbps(2402MHz)
Test Date	:	2021/05/27

Horizontal



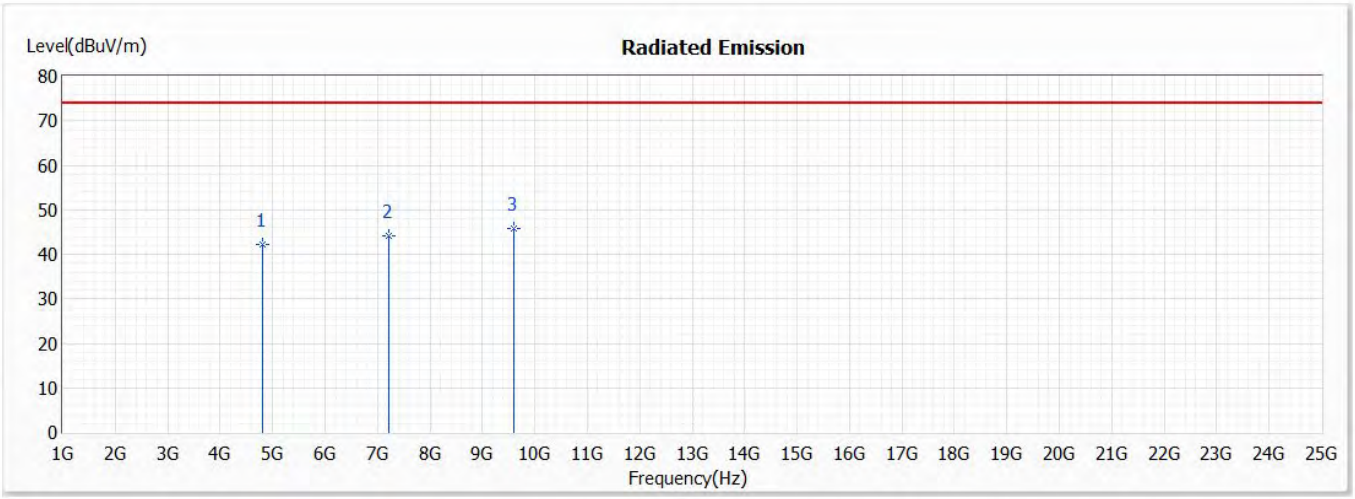
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4804.000	42.12	74.00	-31.88	41.63	0.49	PK
* 2	7206.000	45.30	74.00	-28.70	40.59	4.71	PK
3	9608.000	45.21	74.00	-28.79	38.36	6.85	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	Harmonic Radiated Emission
Test Mode	:	Mode 3: Transmit - BLE_1Mbps(2402MHz)
Test Date	:	2021/05/27

Vertical



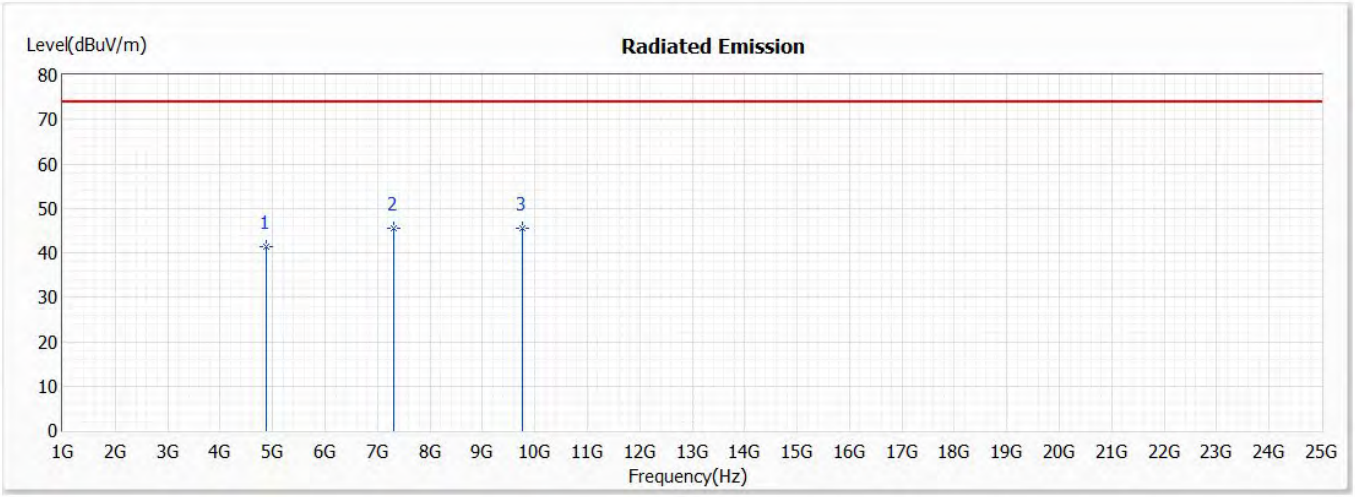
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4804.000	42.33	74.00	-31.67	41.84	0.49	PK
2	7206.000	44.15	74.00	-29.85	39.44	4.71	PK
* 3	9608.000	45.80	74.00	-28.20	38.95	6.85	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 3: Transmit - BLE_1Mbps (2440MHz)
Test Date : 2021/05/27

Horizontal



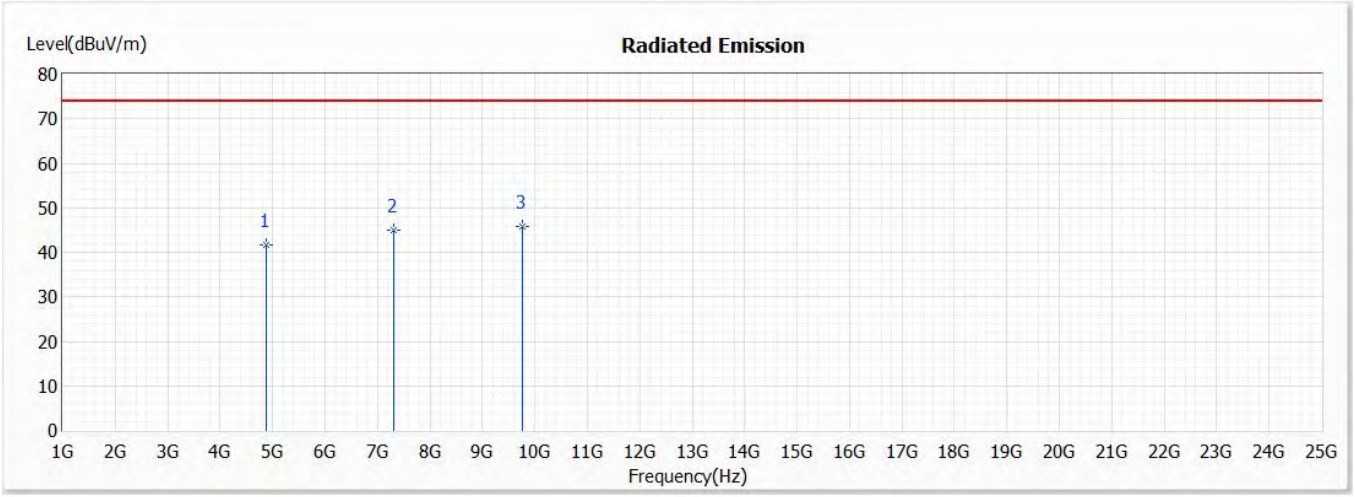
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4880.000	41.45	74.00	-32.55	40.85	0.60	PK
2	7320.000	45.43	74.00	-28.57	40.59	4.84	PK
* 3	9760.000	45.54	74.00	-28.46	38.32	7.22	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 3: Transmit - BLE_1Mbps (2440MHz)
Test Date : 2021/05/27

Vertical



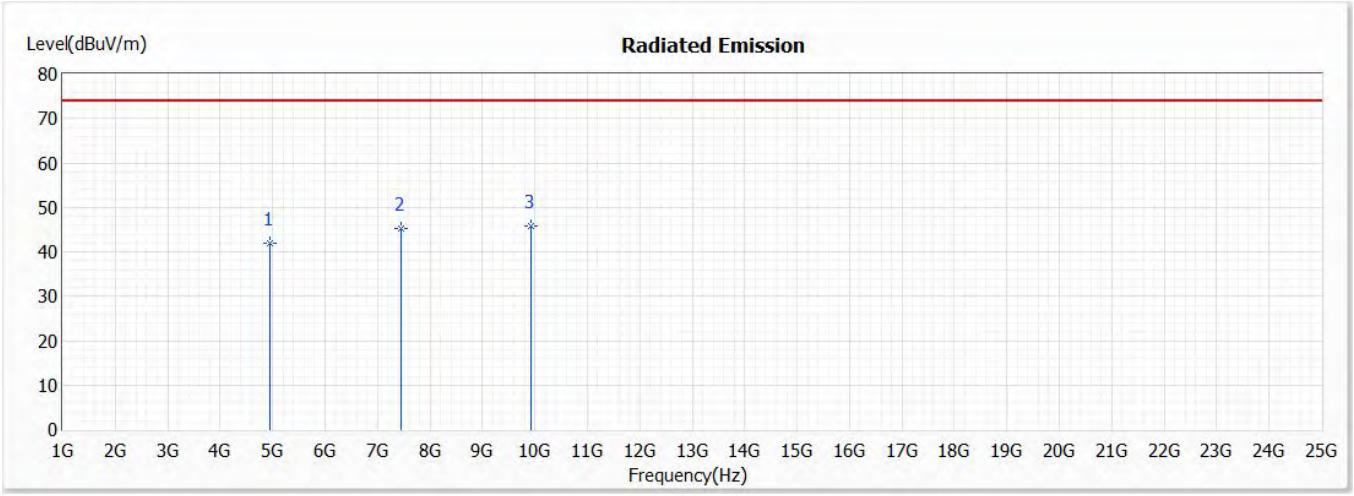
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4880.000	41.55	74.00	-32.45	40.95	0.60	PK
2	7320.000	45.07	74.00	-28.93	40.23	4.84	PK
* 3	9760.000	45.67	74.00	-28.33	38.45	7.22	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	Harmonic Radiated Emission
Test Mode	:	Mode 3: Transmit - BLE_1Mbps (2480MHz)
Test Date	:	2021/05/27

Horizontal



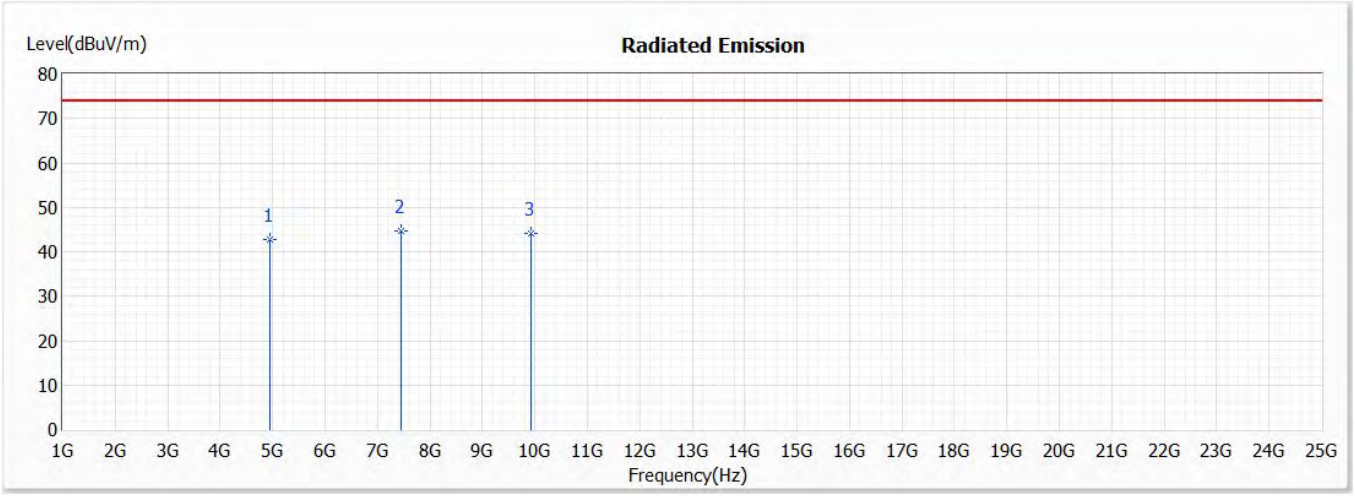
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4960.000	42.06	74.00	-31.94	41.36	0.70	PK
2	7440.000	45.25	74.00	-28.75	40.32	4.93	PK
* 3	9920.000	45.69	74.00	-28.31	38.29	7.40	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : HYBRID INSTANT CAMERA
Test Item : Harmonic Radiated Emission
Test Mode : Mode 3: Transmit - BLE_1Mbps (2480MHz)
Test Date : 2021/05/27

Vertical



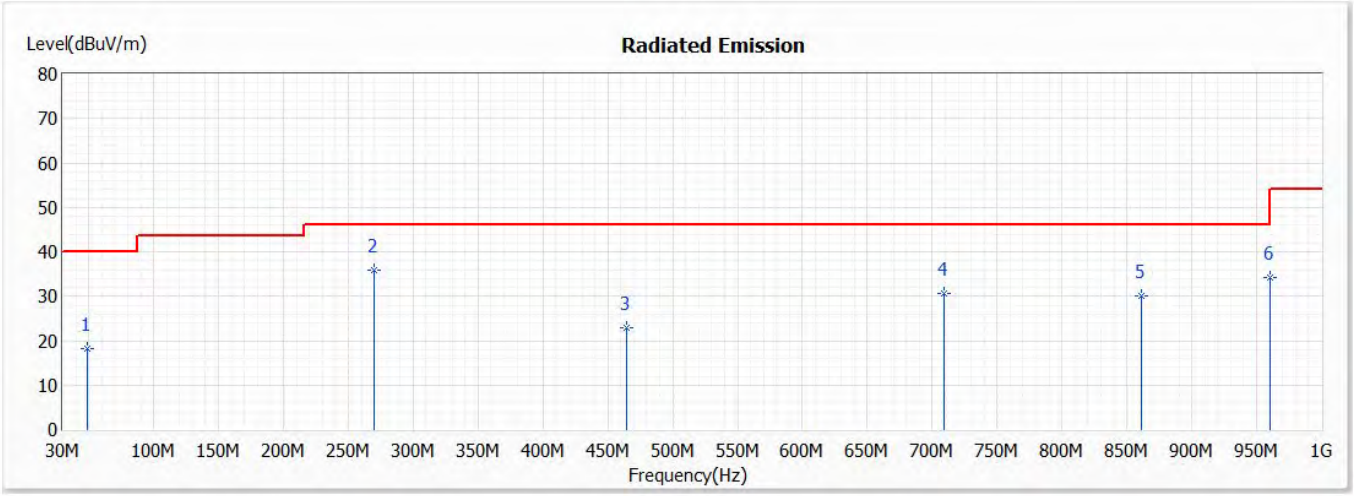
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	4960.000	42.64	74.00	-31.36	41.94	0.70	PK
* 2	7440.000	44.78	74.00	-29.22	39.85	4.93	PK
3	9920.000	44.14	74.00	-29.86	36.74	7.40	PK

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	General Radiated Emission
Test Mode	:	Mode 3: Transmit - BLE_1Mbps (2440MHz)
Test Date	:	2021/05/27

Horizontal



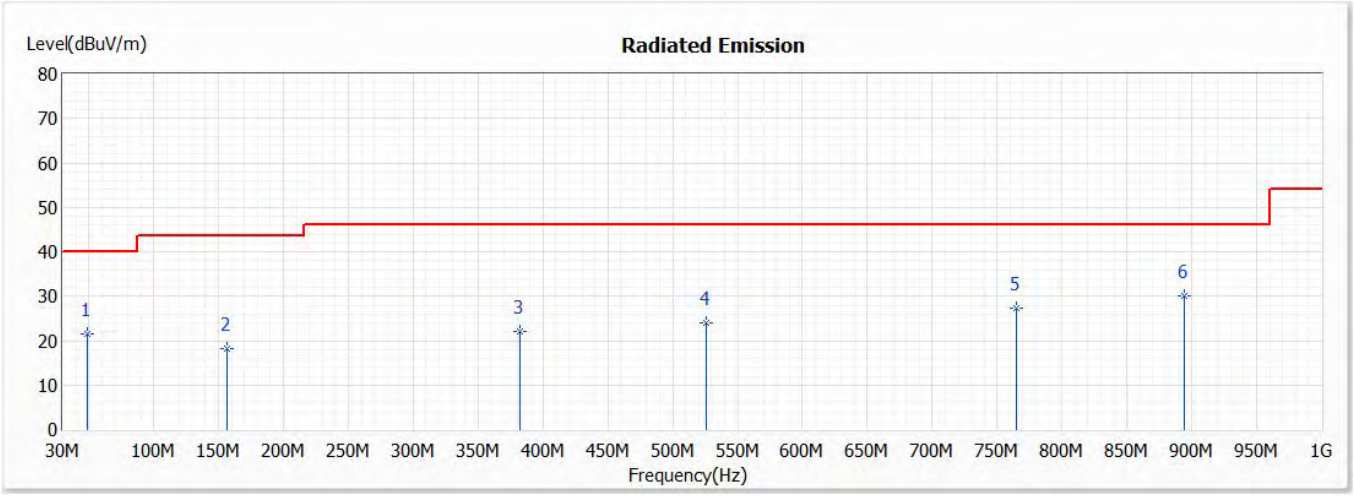
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	48.430	18.25	40.00	-21.75	28.67	-10.42	QP
* 2	269.590	35.79	46.00	-10.21	46.45	-10.66	QP
3	464.560	22.77	46.00	-23.23	28.49	-5.72	QP
4	709.000	30.66	46.00	-15.34	32.02	-1.36	QP
5	861.290	30.02	46.00	-15.98	29.58	0.44	QP
6	960.230	34.28	54.00	-19.72	32.29	1.99	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	General Radiated Emission
Test Mode	:	Mode 3: Transmit - BLE_1Mbps (2440MHz)
Test Date	:	2021/05/27

Vertical



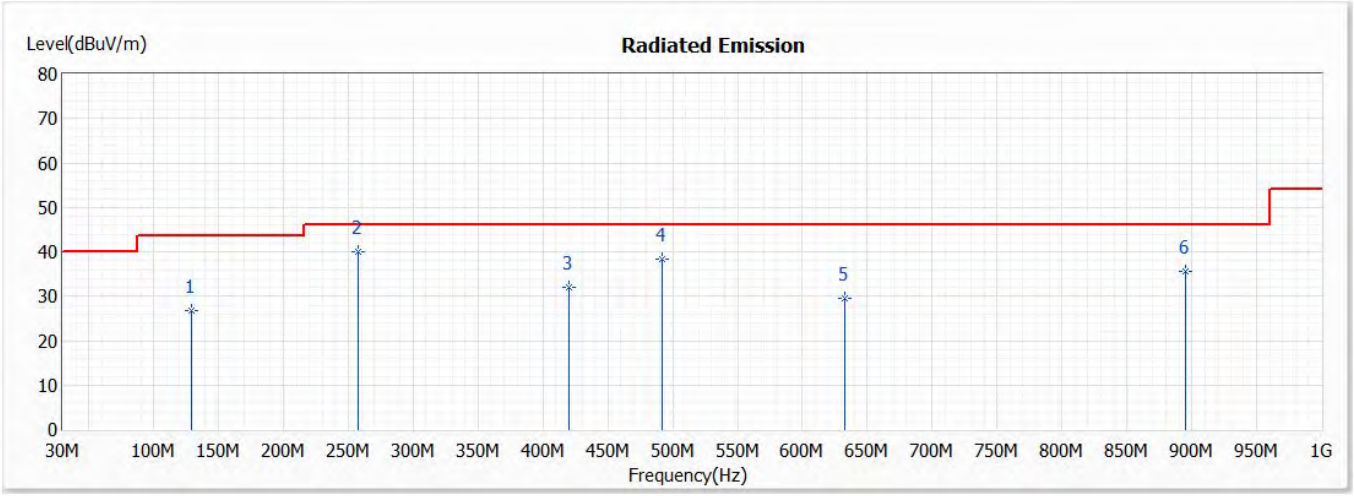
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	48.430	21.43	40.00	-18.57	31.85	-10.42	QP
2	156.100	18.23	43.50	-25.27	28.65	-10.42	QP
3	382.110	22.03	46.00	-23.97	29.55	-7.52	QP
4	525.670	24.03	46.00	-21.97	28.58	-4.55	QP
5	765.260	27.27	46.00	-18.73	27.70	-0.43	QP
* 6	894.270	30.12	46.00	-15.88	29.08	1.04	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	General Radiated Emission
Test Mode	:	Mode 3: Transmit - BLE_1Mbps (2440MHz)-Power IC Torex
Test Date	:	2021/07/20

Horizontal



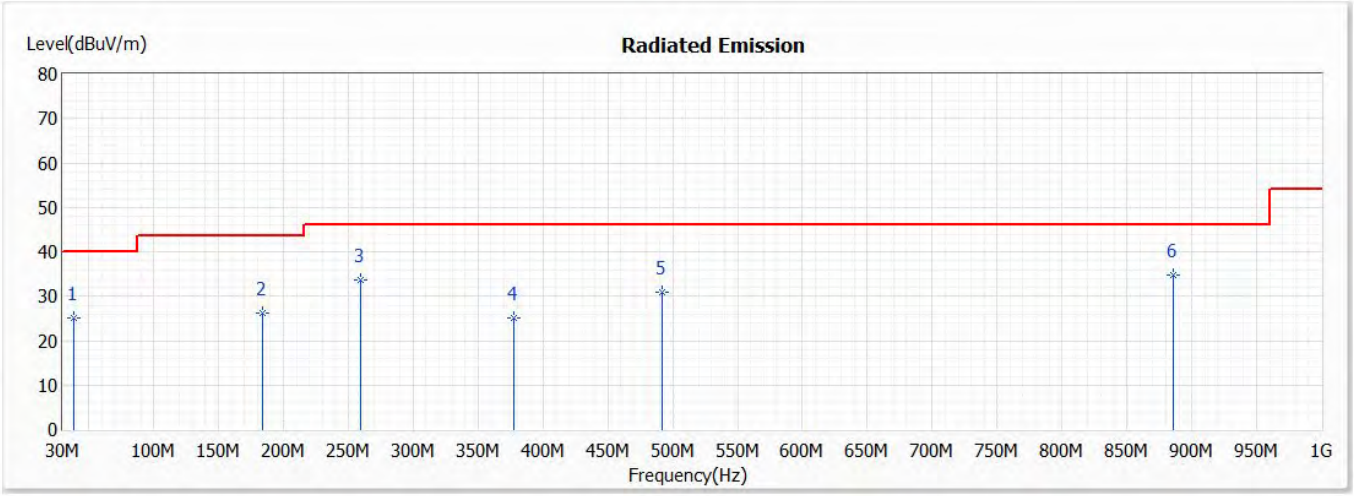
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	128.940	26.71	43.50	-16.79	47.32	-20.61	QP
* 2	257.950	40.10	46.00	-5.90	59.85	-19.75	QP
3	419.940	32.07	46.00	-13.93	47.21	-15.14	QP
4	491.720	38.43	46.00	-7.57	52.23	-13.80	QP
5	632.370	29.52	46.00	-16.48	40.45	-10.93	QP
6	895.240	35.68	46.00	-10.32	42.80	-7.12	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	General Radiated Emission
Test Mode	:	Mode 3: Transmit - BLE_1Mbps (2440MHz)-Power IC Torex
Test Date	:	2021/07/20

Vertical



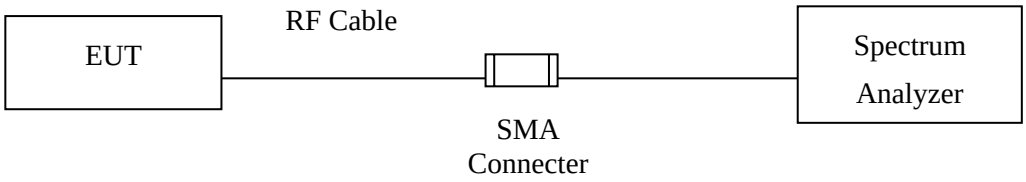
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	38.730	25.21	40.00	-14.79	44.50	-19.29	QP
2	184.230	26.19	43.50	-17.31	47.17	-20.98	QP
3	259.890	33.69	46.00	-12.31	53.40	-19.71	QP
4	377.260	25.12	46.00	-20.88	41.31	-16.19	QP
5	491.720	30.99	46.00	-15.01	44.79	-13.80	QP
* 6	885.540	34.89	46.00	-11.11	42.13	-7.24	QP

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss –Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

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

Tested according to FHSS test procedure of KDB558074 section 9 b) for compliance to FCC 47CFR 15.247 requirements.

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 : Mode 1: Transmit - Bluetooth_1Mbps
Test Date : 2021/04/19

Figure Channel 00:

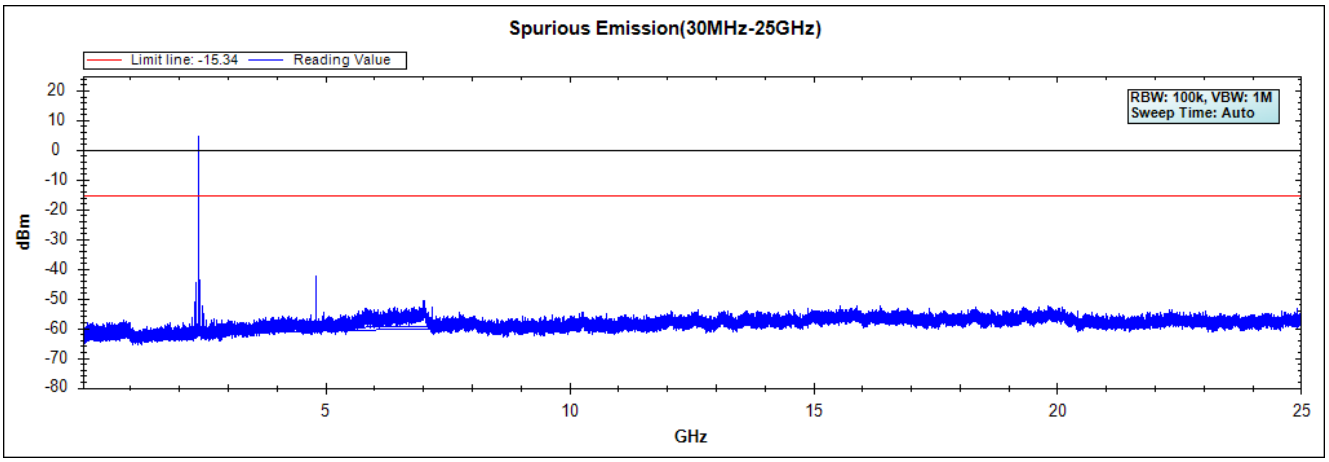


Figure Channel 39:

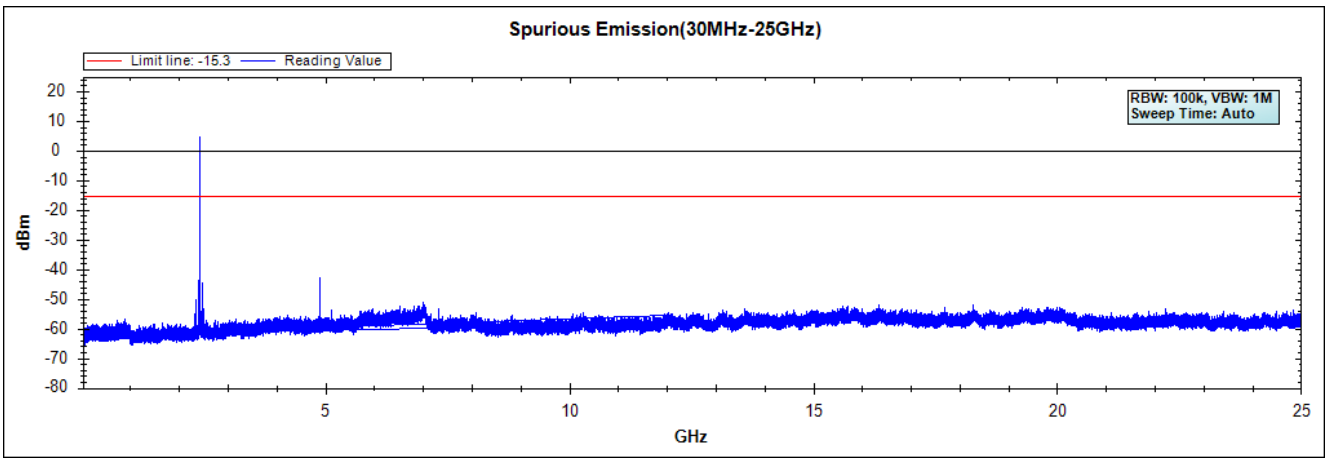
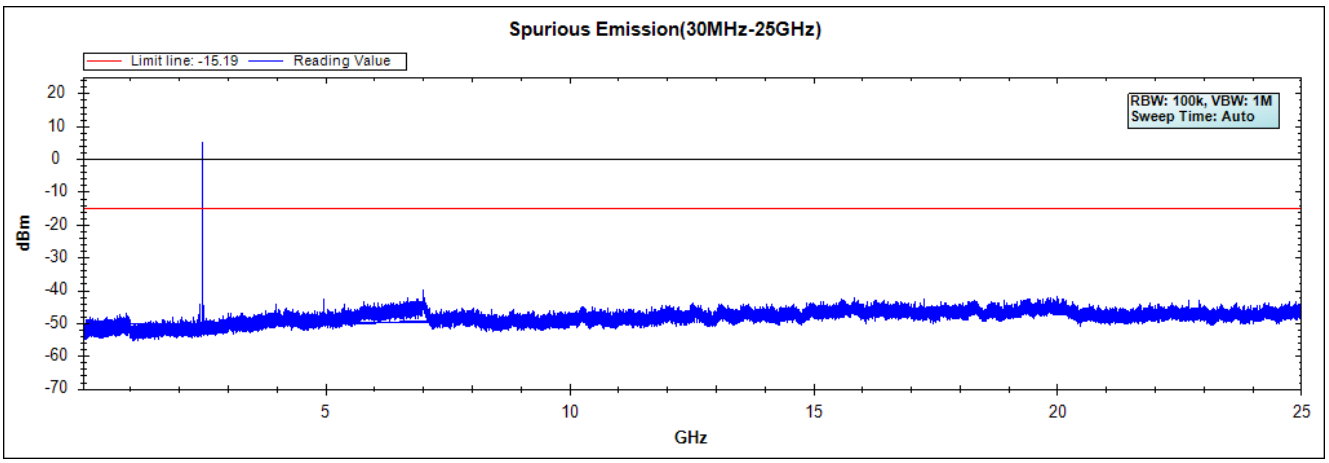


Figure Channel 78:



Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	RF Antenna Conducted Test
Test Mode	:	Mode 2: Transmit - Bluetooth_3Mbps
Test Date	:	2021/04/19

Figure Channel 00:

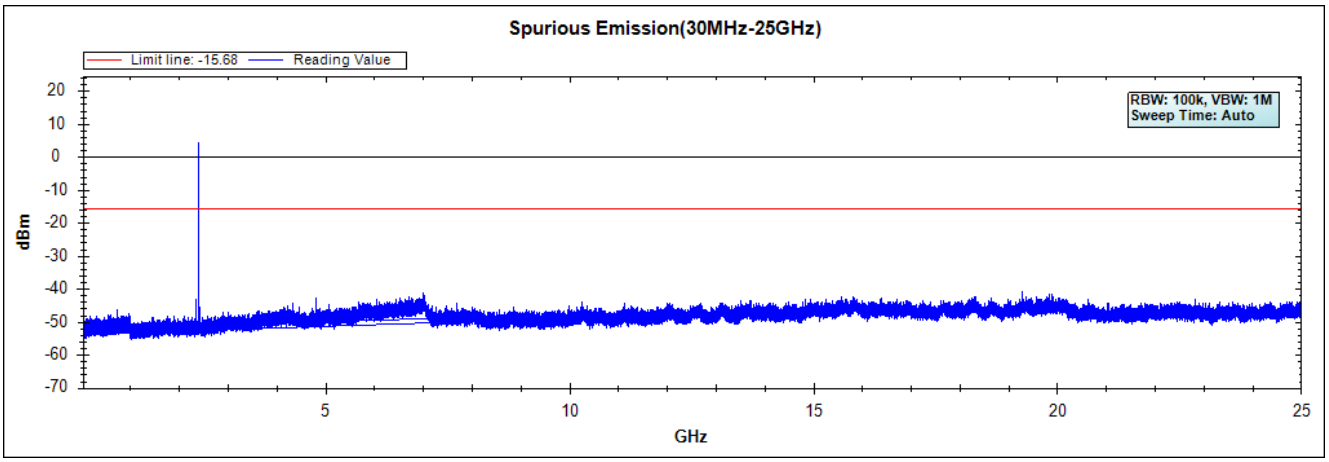


Figure Channel 39:

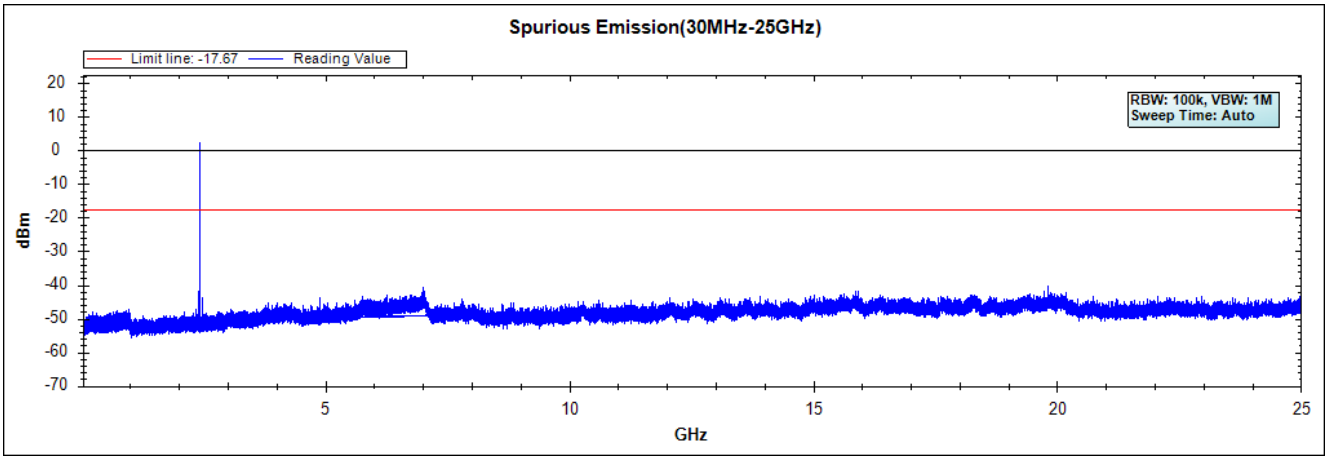
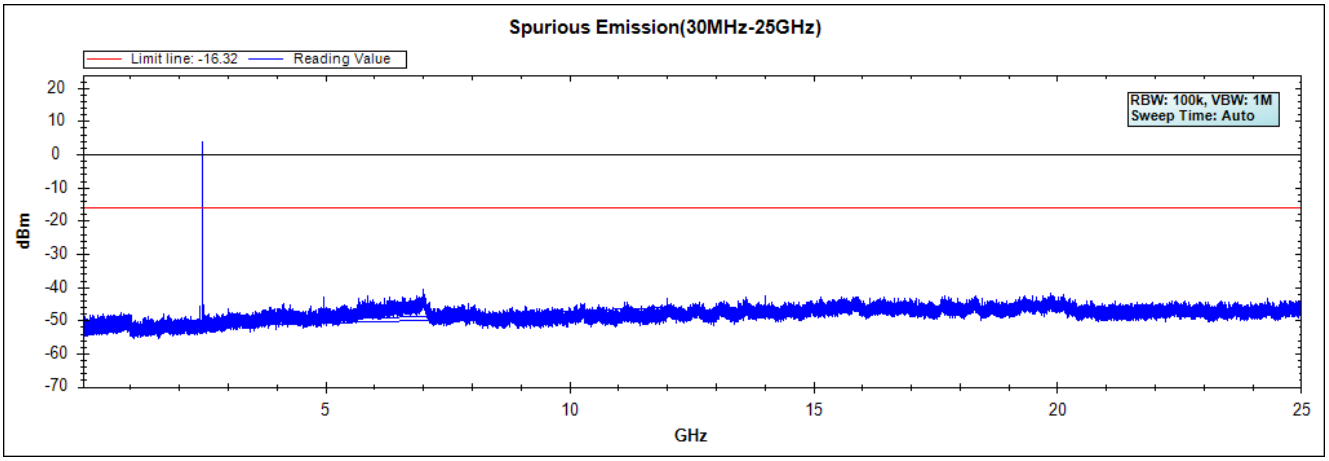


Figure Channel 78:



Note: The above test pattern is synthesized by multiple of the frequency range.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	RF Antenna Conducted Test
Test Mode	:	Mode 3: Transmit - BLE_1Mbps
Test Date	:	2021/04/19

Figure Channel 00:

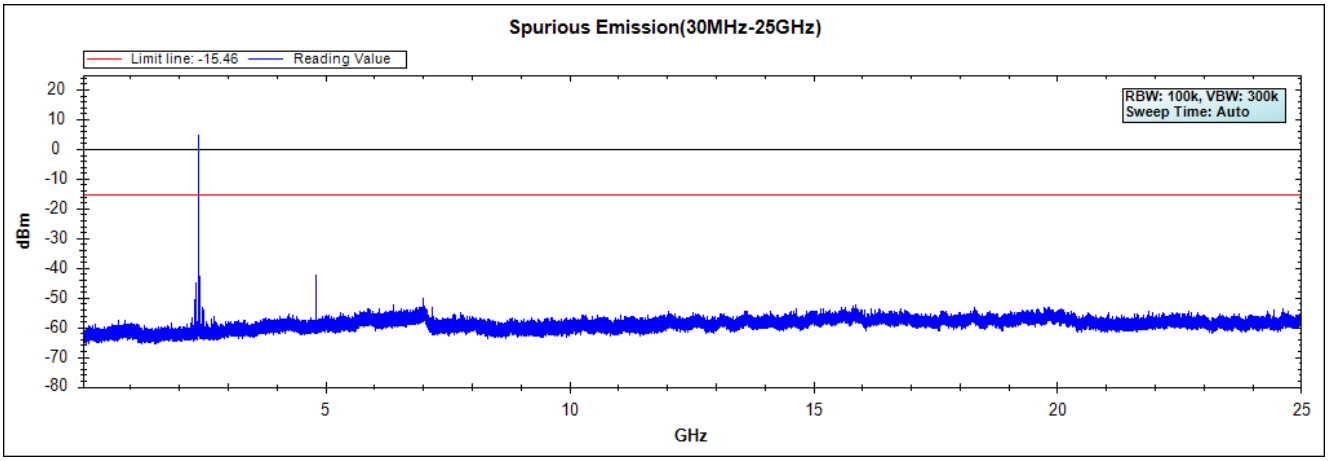


Figure Channel 19:

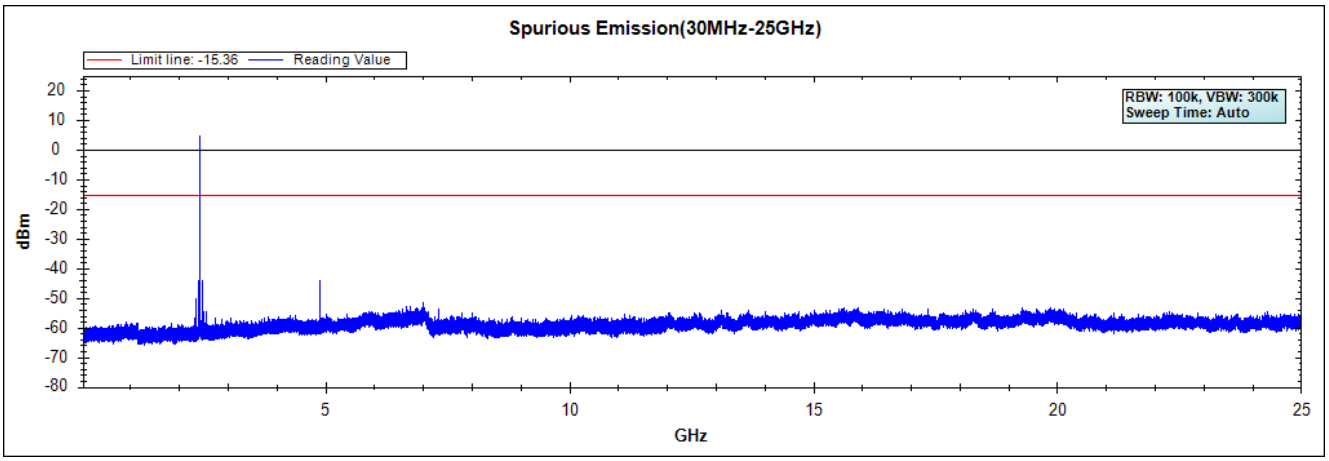
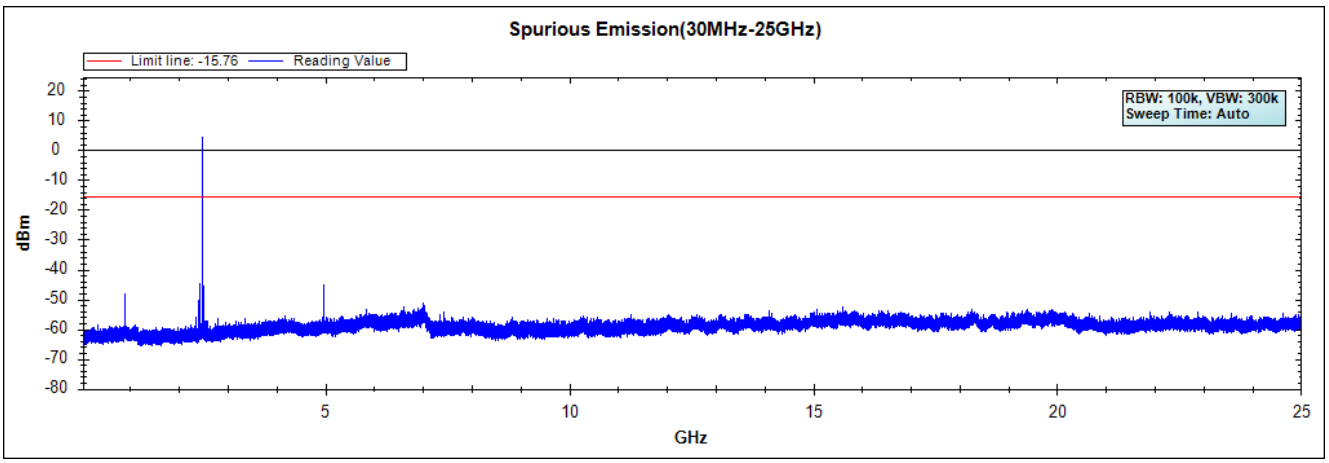


Figure Channel 39:

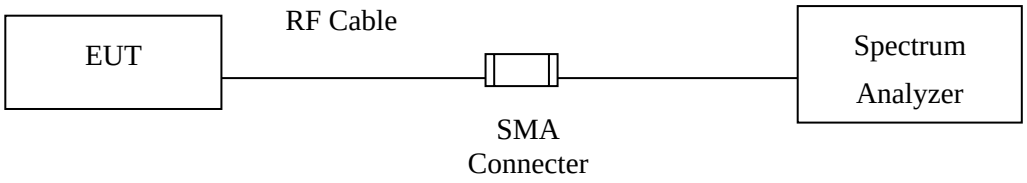


Note: The above test pattern is synthesized by multiple of the frequency range.

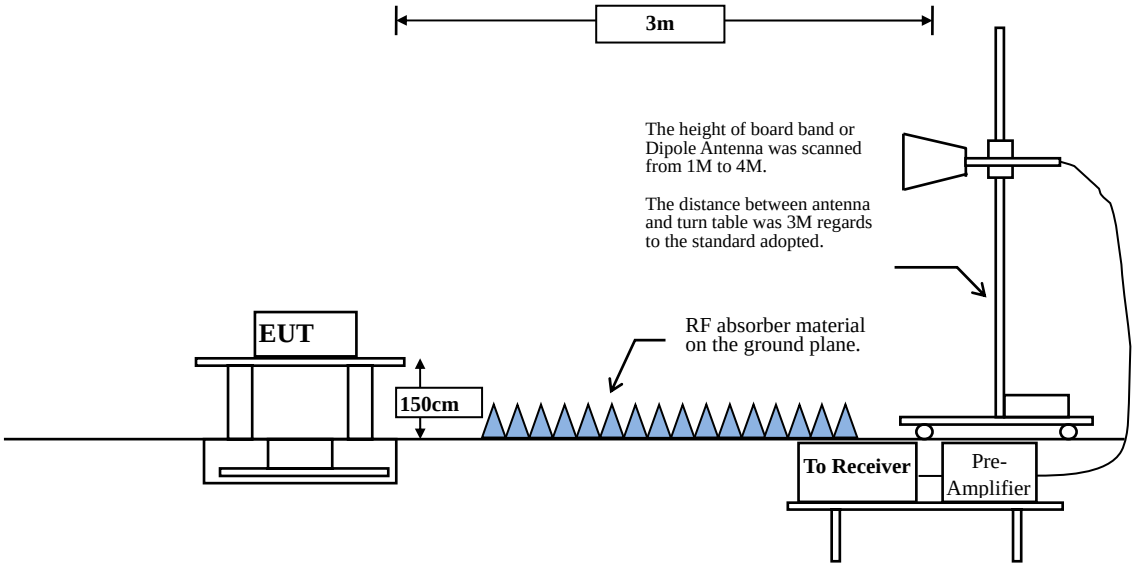
6. Band Edge

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 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 can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.10: 2013 on radiated measurement.

The bandwidth setting below 1GHz and above 1GHz on the field strength meter is 120 kHz and 1MHz, respectively.

RBW and VBW Parameter setting:

According to C63.10 Section 11.12.2.4 Peak measurement procedure.

RBW = as specified in Table 1.

VBW ≥ 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 = 1MHz.

VBW = 10Hz, when duty cycle ≥ 98 %

VBW ≥ 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.)

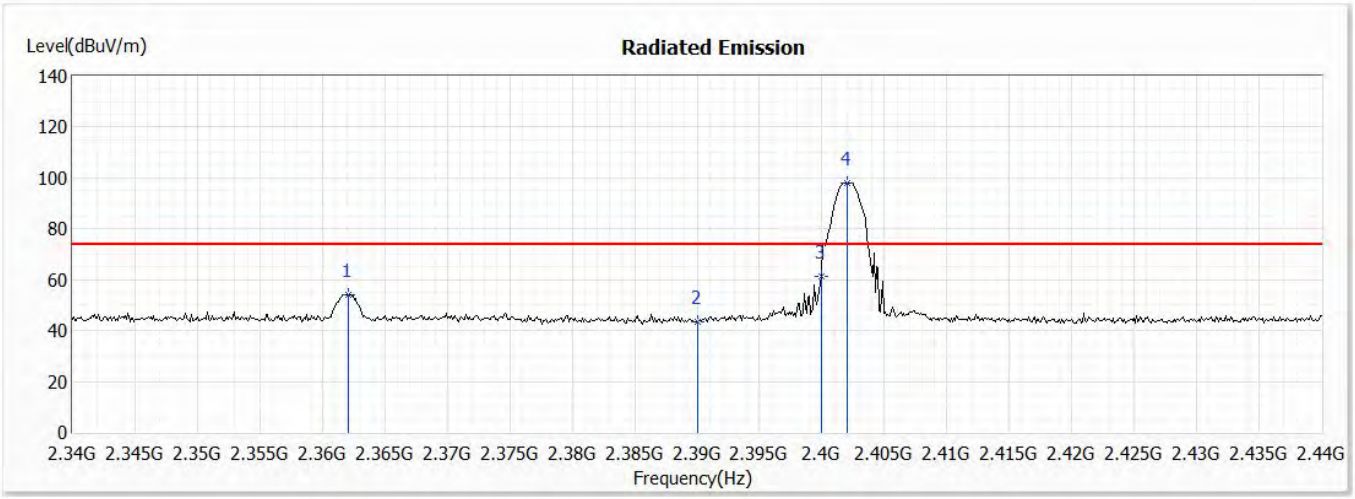
2.4GHz band	Duty Cycle (%)	T (ms)	1/T (Hz)	VBW (Hz)
BLE 1Mbps	64.10	0.4006	2496	3000

Note: Duty Cycle Refer to Section 12

6.4. Test Result of Band Edge

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps (2402MHz)
Test Date : 2021/05/27

Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2362.100	54.01	74.00	-19.99	40.88	13.13	PK
2	2390.000	43.36	74.00	-30.64	30.20	13.16	PK
3	2400.000	61.34	--	--	48.16	13.18	PK
4	2402.000	98.21	--	--	85.03	13.18	PK

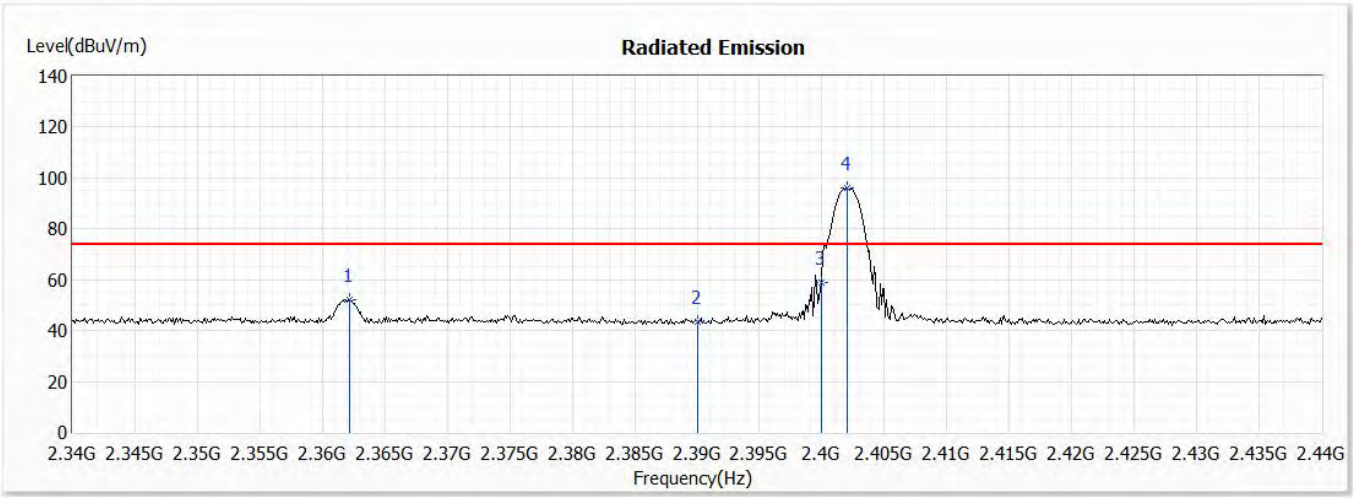
Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Channel No.	Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Average Measurement (dBuV/m)	Margin (dB)	Average Limit (dBuV/m)	Result
00 (Average)	2362.1	54.01	-31.057	22.953	-31.047	54.000	Pass
00 (Average)	2390	43.36	-31.057	12.303	-41.697	54.000	Pass
00 (Average)	2400	61.34	-31.057	30.283	--	--	Pass
00 (Average)	2402	98.21	-31.057	67.153	--	--	Pass

Note:
1. Average Measurement=Peak Measurement + Duty Cycle Factor.
2. The Duty Cycle is refer to section 12.

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps (2402MHz)
Test Date : 2021/05/27

Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2362.200	51.99	74.00	-22.01	38.86	13.13	PK
2	2390.000	43.55	74.00	-30.45	30.39	13.16	PK
3	2400.000	58.97	--	--	45.79	13.18	PK
4	2402.000	95.85	--	--	82.67	13.18	PK

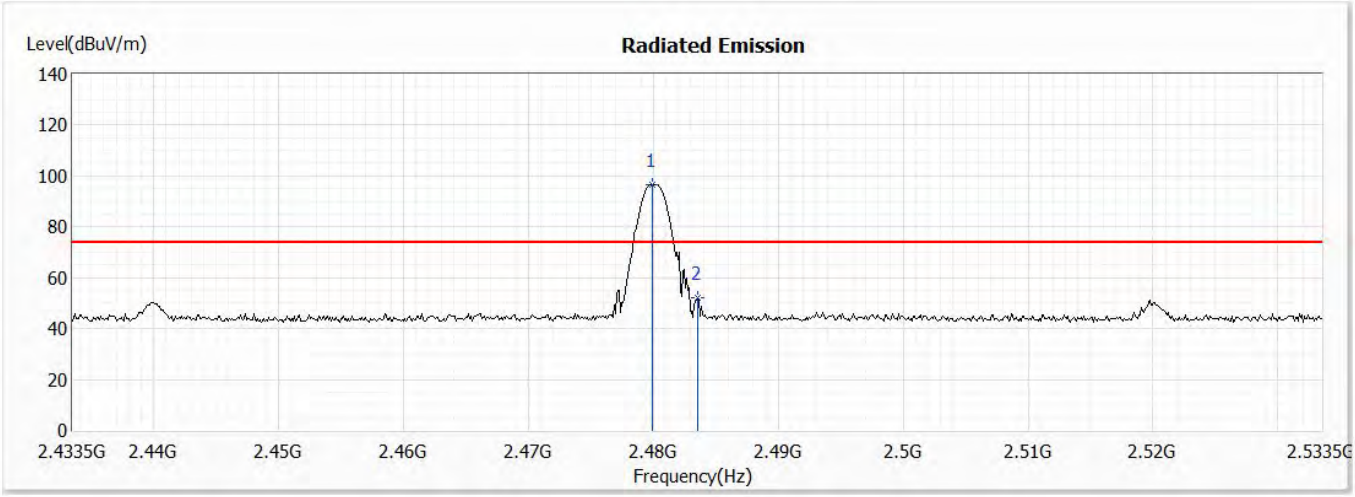
Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Channel No.	Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Average Measurement (dBuV/m)	Margin (dB)	Average Limit (dBuV/m)	Result
00 (Average)	2362.2	51.99	-31.057	20.933	-33.067	54.000	Pass
00 (Average)	2390	43.55	-31.057	12.493	-41.507	54.000	Pass
00 (Average)	2400	58.97	-31.057	27.913	--	--	Pass
00 (Average)	2402	95.85	-31.057	64.793	--	--	Pass

Note:
1. Average Measurement=Peak Measurement + Duty Cycle Factor.
2. The Duty Cycle is refer to section 12.

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps (2480MHz)
Test Date : 2021/05/27

Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2479.900	96.54	--	--	83.35	13.19	PK
2	2483.500	52.24	74.00	-21.76	39.05	13.19	PK

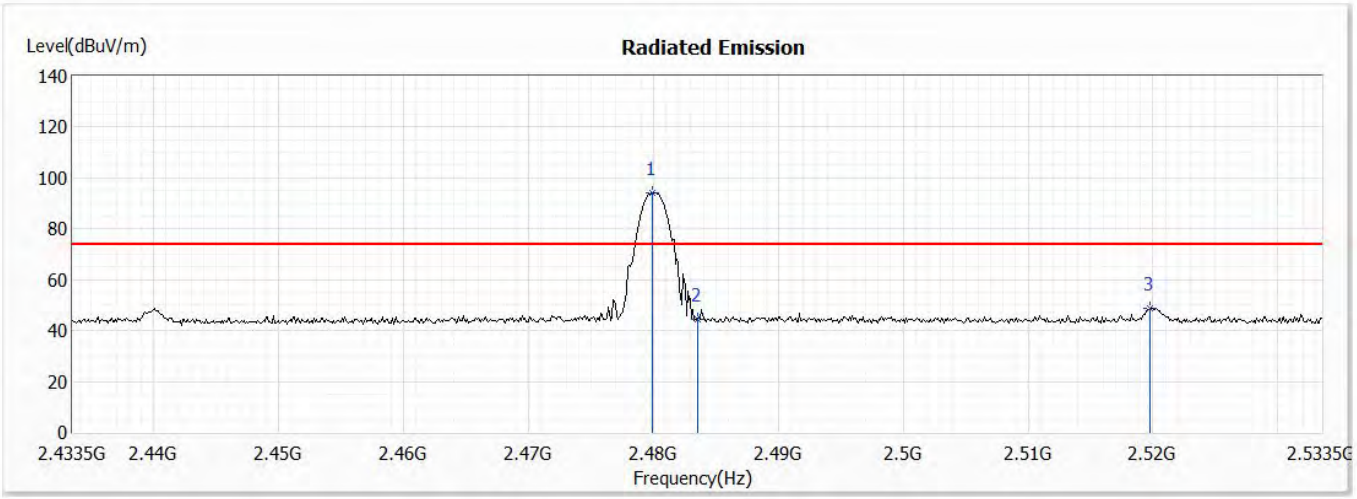
Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Channel No.	Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Average Measurement (dBuV/m)	Margin (dB)	Average Limit (dBuV/m)	Result
78 (Average)	2479.9	96.54	-31.057	65.483	--	--	Pass
78 (Average)	2483.5	52.24	-31.057	21.183	-32.817	54.000	Pass

Note:
1. Average Measurement=Peak Measurement + Duty Cycle Factor.
2. The Duty Cycle is refer to section 12.

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps (2480MHz)
Test Date : 2021/05/27

Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2479.900	94.05	--	--	80.86	13.19	PK
2	2483.500	44.27	74.00	-29.73	31.08	13.19	PK
3	2519.800	48.96	74.00	-25.04	35.76	13.20	PK

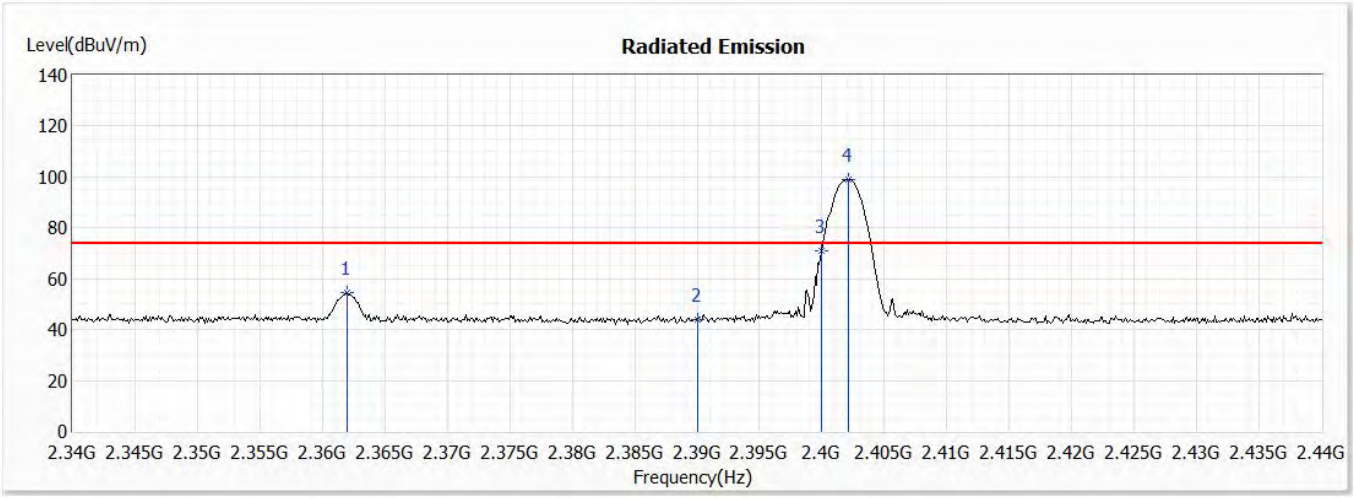
Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Channel No.	Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Average Measurement (dBuV/m)	Margin (dB)	Average Limit (dBuV/m)	Result
78 (Average)	2479.9	94.05	-31.057	62.993	--	--	Pass
78 (Average)	2483.5	44.27	-31.057	13.213	-40.787	54.000	Pass
78 (Average)	2519.8	48.96	-31.057	17.903	-36.097	54.000	Pass

Note:
1. Average Measurement=Peak Measurement + Duty Cycle Factor.
2. The Duty Cycle is refer to section 12.

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2402MHz)
Test Date : 2021/05/27

Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2362.000	54.76	74.00	-19.24	41.63	13.13	PK
2	2390.000	43.98	74.00	-30.02	30.82	13.16	PK
3	2400.000	70.85	--	--	57.67	13.18	PK
4	2402.100	98.98	--	--	85.80	13.18	PK

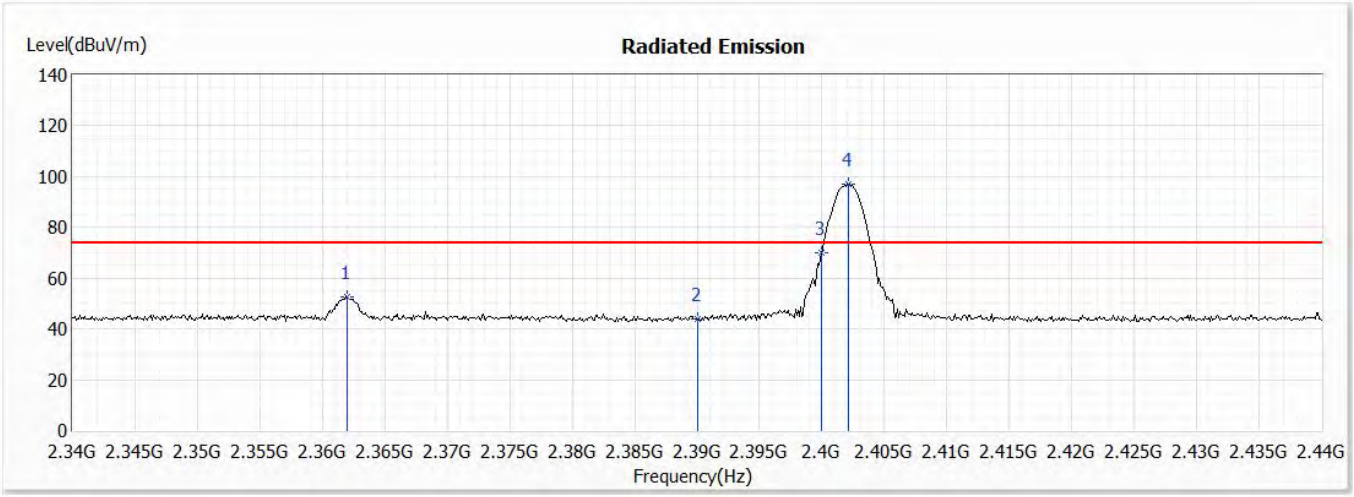
Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Channel No.	Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Average Measurement (dBuV/m)	Margin (dB)	Average Limit (dBuV/m)	Result
00 (Average)	2362	54.76	-24.437	30.323	-23.677	54.000	Pass
00 (Average)	2390	43.98	-24.437	19.543	-34.457	54.000	Pass
00 (Average)	2400	70.85	-24.437	46.413	--	--	Pass
00 (Average)	2402.1	98.98	-24.437	74.543	--	--	Pass

Note:
1. Average Measurement=Peak Measurement + Duty Cycle Factor.
2. The Duty Cycle is refer to section 12.

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2402MHz)
Test Date : 2021/05/27

Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2362.000	52.62	74.00	-21.38	39.49	13.13	PK
2	2390.000	43.81	74.00	-30.19	30.65	13.16	PK
3	2400.000	70.17	--	--	56.99	13.18	PK
4	2402.100	96.97	--	--	83.79	13.18	PK

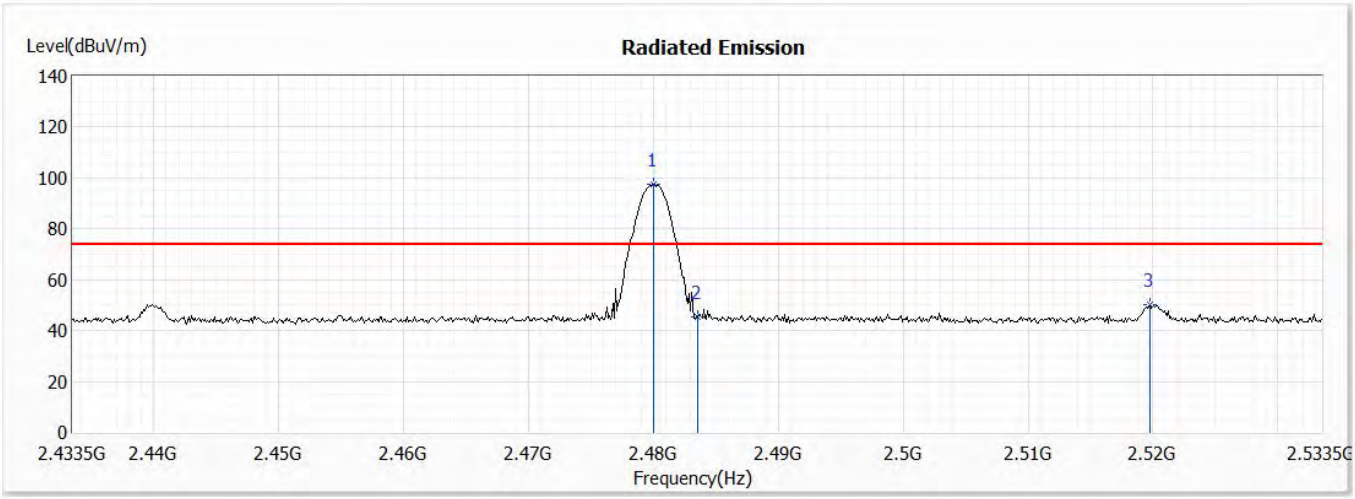
Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Channel No.	Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Average Measurement (dBuV/m)	Margin (dB)	Average Limit (dBuV/m)	Result
00 (Average)	2362	52.62	-24.437	28.183	-25.817	54.000	Pass
00 (Average)	2390	43.81	-24.437	19.373	-34.627	54.000	Pass
00 (Average)	2400	70.17	-24.437	45.733	--	--	Pass
00 (Average)	2402.1	96.97	-24.437	72.533	--	--	Pass

Note:
1. Average Measurement=Peak Measurement + Duty Cycle Factor.
2. The Duty Cycle is refer to section 12.

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2480MHz)
Test Date : 2021/05/27

Horizontal



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2480.000	97.45	--	--	84.26	13.19	PK
2	2483.500	45.25	74.00	-28.75	32.06	13.19	PK
3	2519.800	49.97	74.00	-24.03	36.77	13.20	PK

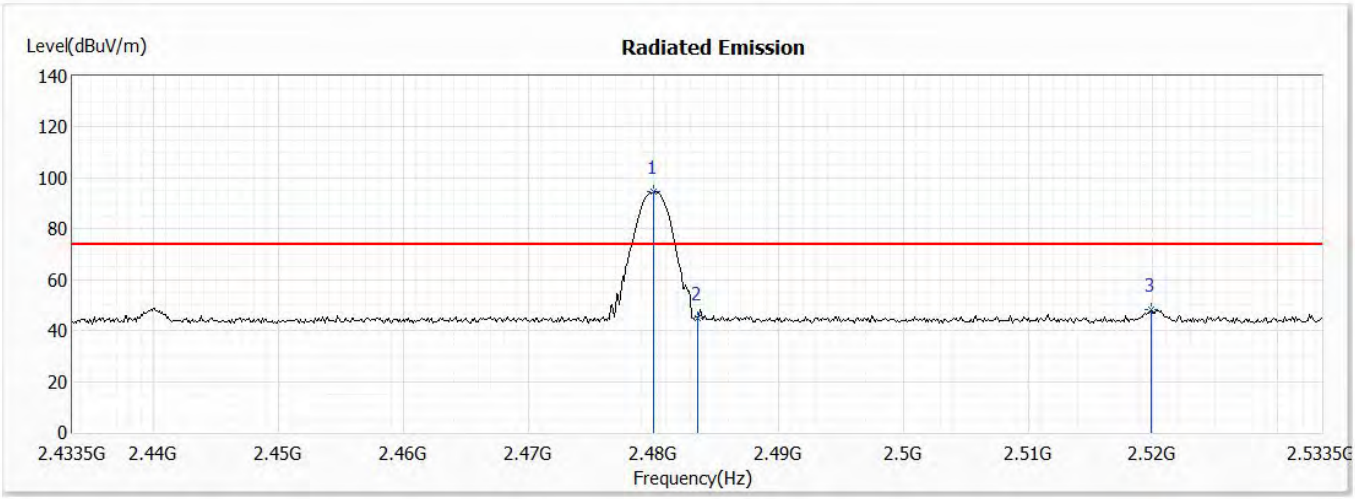
Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Channel No.	Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Average Measurement (dBuV/m)	Margin (dB)	Average Limit (dBuV/m)	Result
78 (Average)	2480	97.45	-24.437	73.013	--	--	Pass
78 (Average)	2483.5	45.25	-24.437	20.813	-33.187	54.000	Pass
78 (Average)	2519.8	49.97	-24.437	25.533	-28.467	54.000	Pass

Note:
1. Average Measurement=Peak Measurement + Duty Cycle Factor.
2. The Duty Cycle is refer to section 12.

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (2480MHz)
Test Date : 2021/05/27

Vertical



No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2480.000	94.59	--	--	81.40	13.19	PK
2	2483.500	44.67	74.00	-29.33	31.48	13.19	PK
3	2519.900	48.15	74.00	-25.85	34.95	13.20	PK

Note:
1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Emission Level = Reading Level + Correct Factor.
4. The average measurement was not performed when the peak measured data under the limit of average detection.

Channel No.	Frequency (MHz)	Peak Measurement (dBuV/m)	Duty Cycle Factor (dB)	Average Measurement (dBuV/m)	Margin (dB)	Average Limit (dBuV/m)	Result
78 (Average)	2480	94.59	-24.437	70.153	--	--	Pass
78 (Average)	2483.5	44.67	-24.437	20.233	-33.767	54.000	Pass
78 (Average)	2519.9	48.15	-24.437	23.713	-30.287	54.000	Pass

Note:
1. Average Measurement=Peak Measurement + Duty Cycle Factor.
2. The Duty Cycle is refer to section 12.

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps(Hopping off)
Test Date : 2021/04/27

Emission Level Δ (dB)	Result
> 20	PASS

Figure Channel 00:

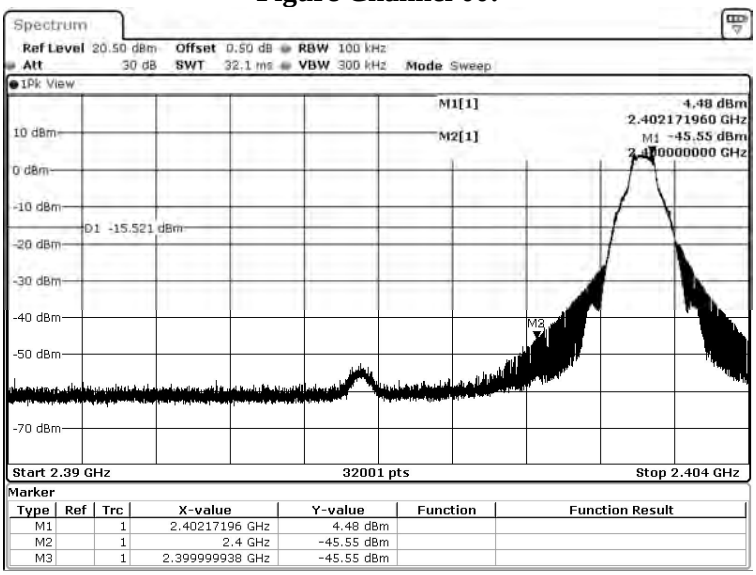
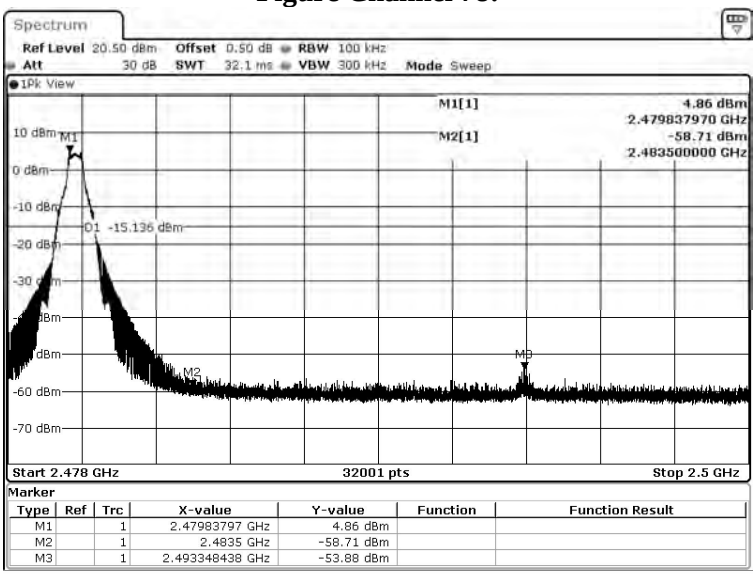


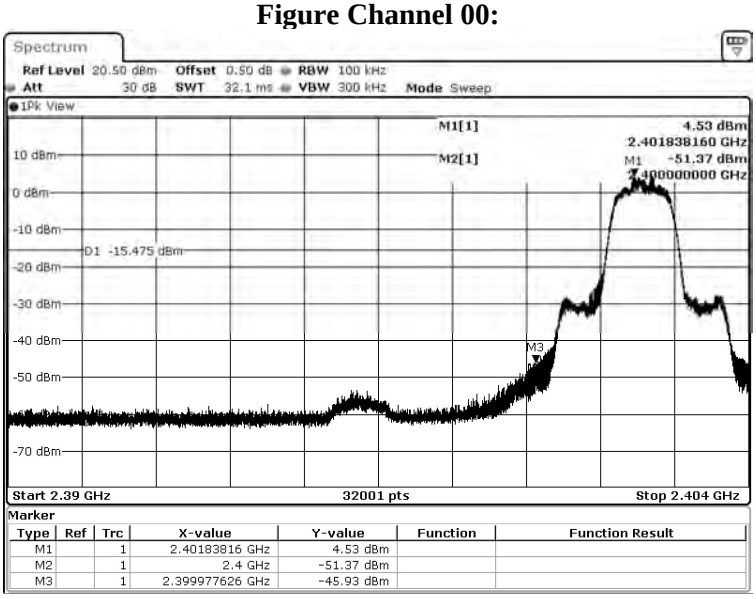
Figure Channel 78:



Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (Hopping off)
Test Date : 2021/04/27

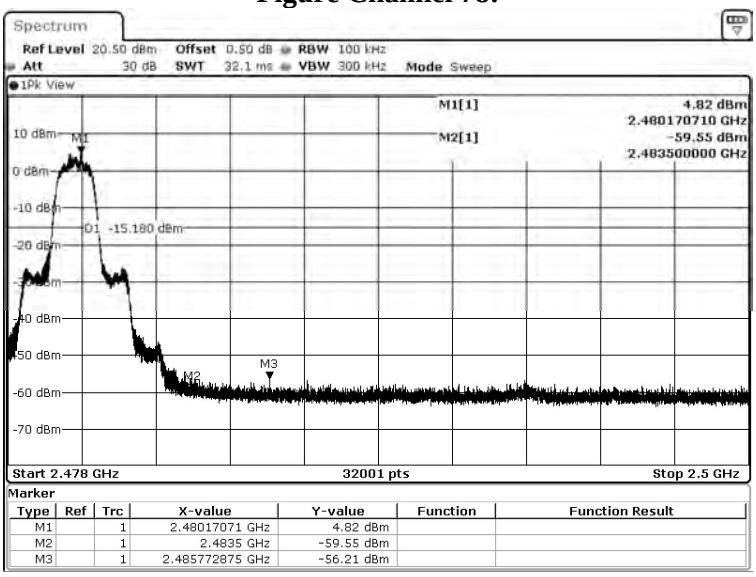
Emission Level Δ (dB)	Result
> 20	PASS

Figure Channel 00:



Date: 27.APR.2021 08:34:22

Figure Channel 78:

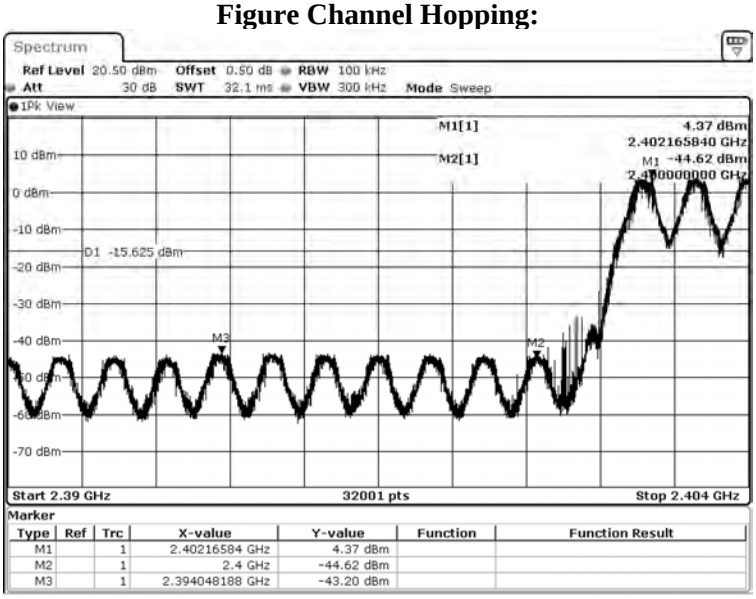


Date: 27.APR.2021 08:39:44

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps(Hopping on)
Test Date : 2021/04/27

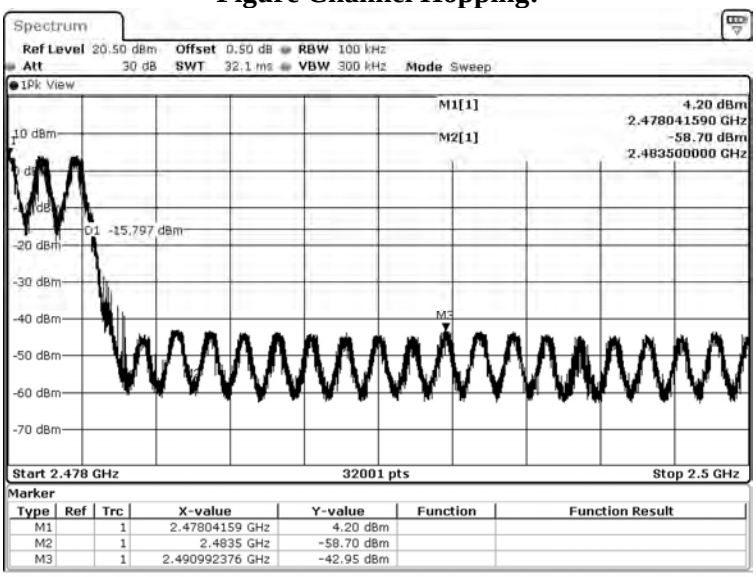
Emission Level Δ (dB)	Result
> 20	PASS

Figure Channel Hopping:



Date: 27.APR.2021 08:29:32

Figure Channel Hopping:



Date: 27.APR.2021 08:16:23

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (Hopping on)
Test Date : 2021/04/27

Emission Level Δ (dB)	Result
> 20	PASS

Figure Channel Hopping:

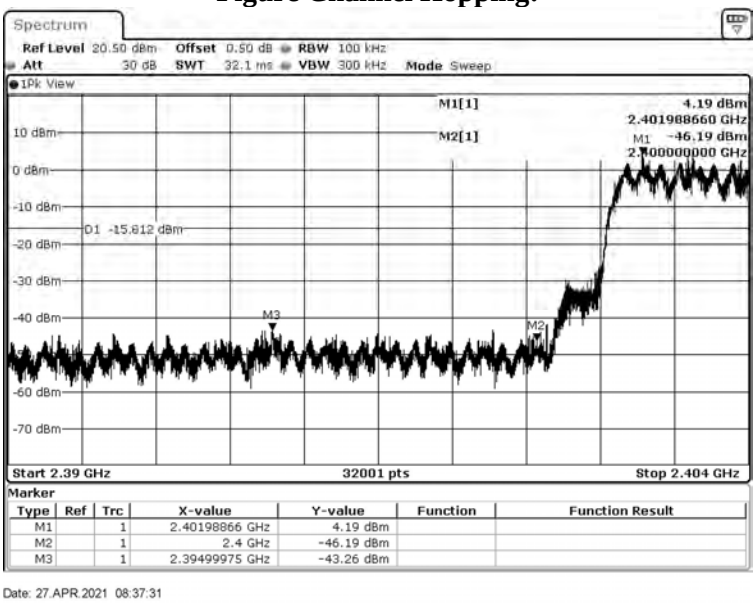
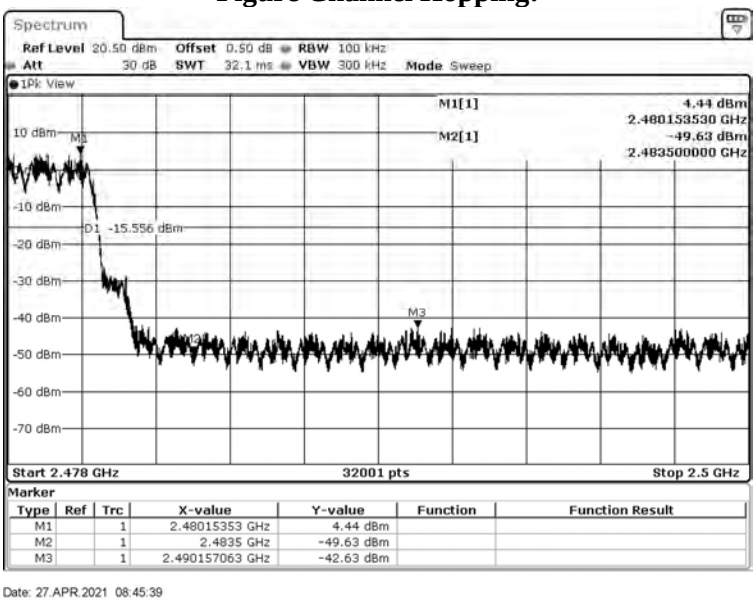
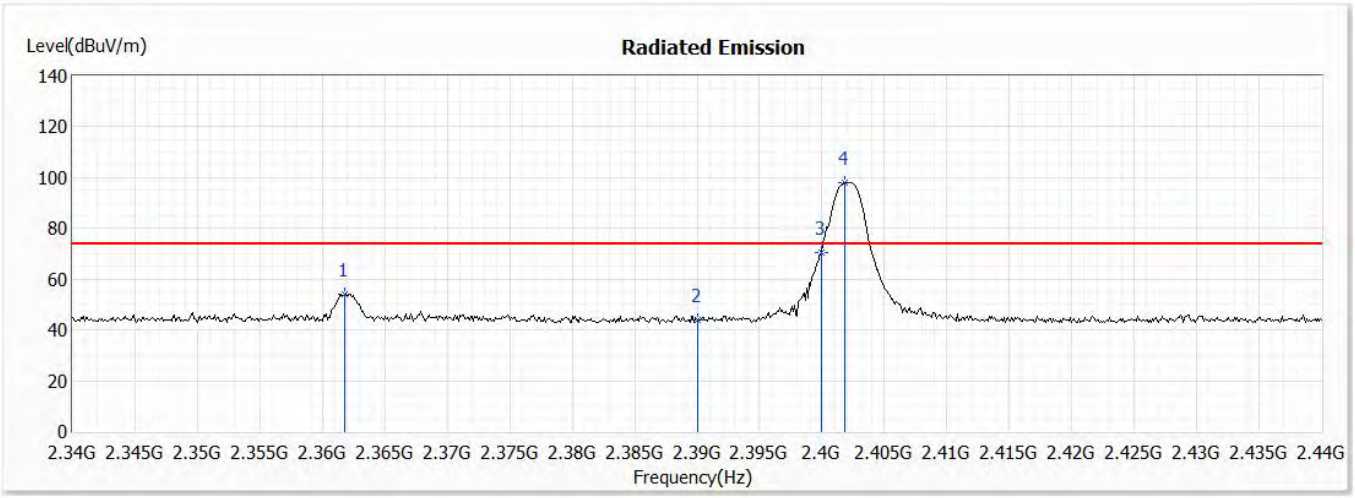


Figure Channel Hopping:



Product	:	HYBRID INSTANT CAMERA
Test Item	:	Band Edge
Test Mode	:	Mode 3: Transmit - BLE_1Mbps (2402MHz)
Test Date	:	2021/05/27

Horizontal



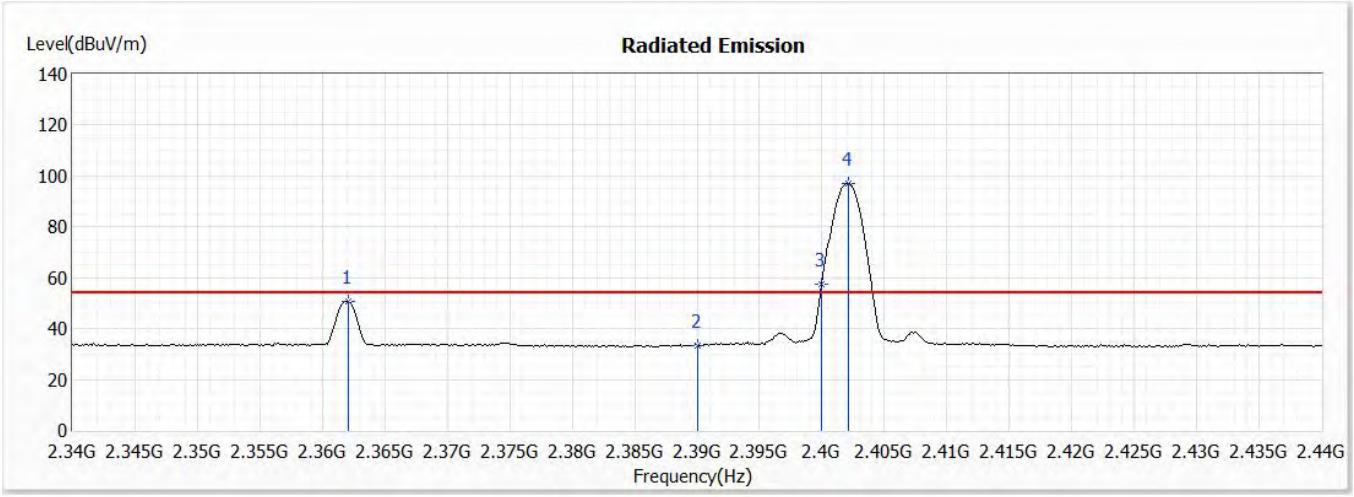
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2361.800	54.20	74.00	-19.80	41.07	13.13	PK
2	2390.000	43.93	74.00	-30.07	30.77	13.16	PK
3	2400.000	70.50	--	--	57.32	13.18	PK
4	2401.800	97.97	--	--	84.79	13.18	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 3: Transmit - BLE_1Mbps (2402MHz)
Test Date : 2021/05/27

Horizontal



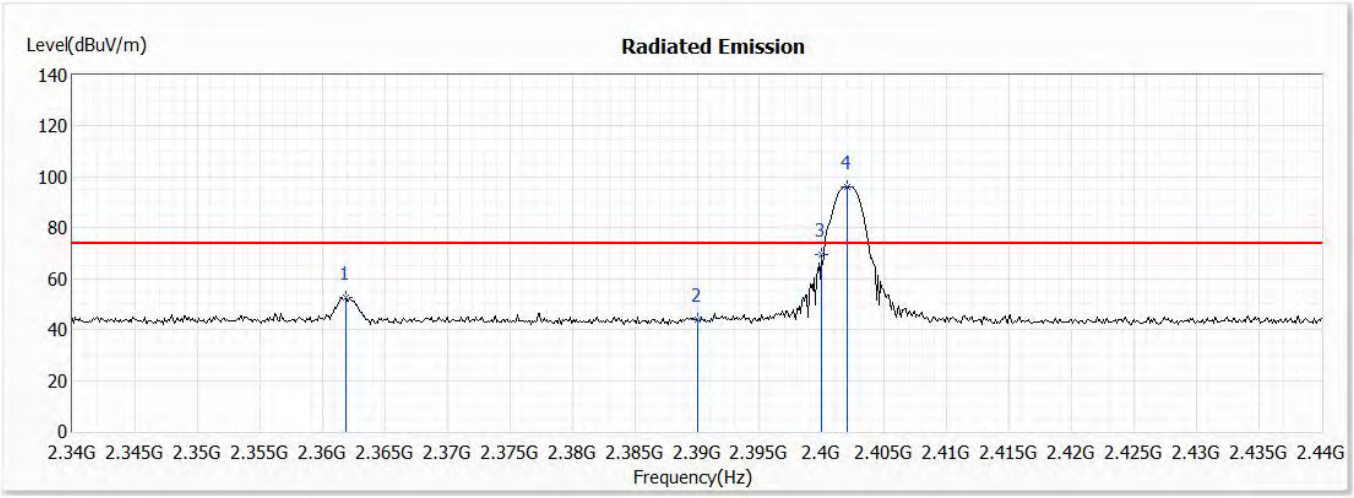
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2362.100	50.75	54.00	-3.25	37.62	13.13	AV
2	2390.000	33.55	54.00	-20.45	20.39	13.16	AV
3	2400.000	57.29	--	--	44.11	13.18	AV
4	2402.100	97.08	--	--	83.90	13.18	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	Band Edge
Test Mode	:	Mode 3: Transmit - BLE_1Mbps (2402MHz)
Test Date	:	2021/05/27

Vertical



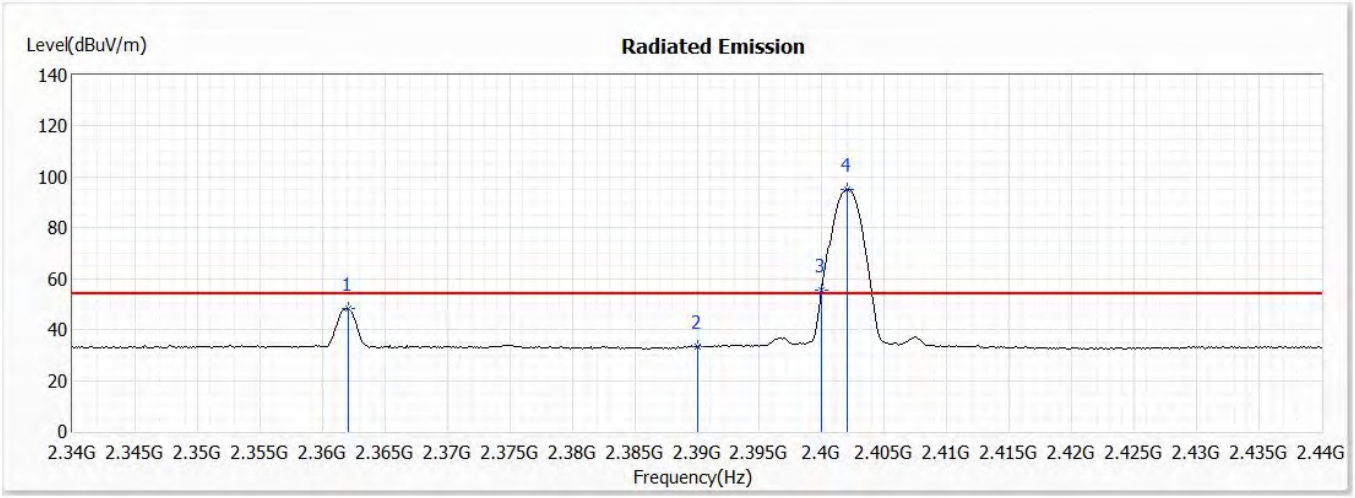
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2361.900	52.41	74.00	-21.59	39.28	13.13	PK
2	2390.000	44.01	74.00	-29.99	30.85	13.16	PK
3	2400.000	69.49	--	--	56.31	13.18	PK
4	2402.000	96.05	--	--	82.87	13.18	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	Band Edge
Test Mode	:	Mode 3: Transmit - BLE_1Mbps (2402MHz)
Test Date	:	2021/05/27

Vertical



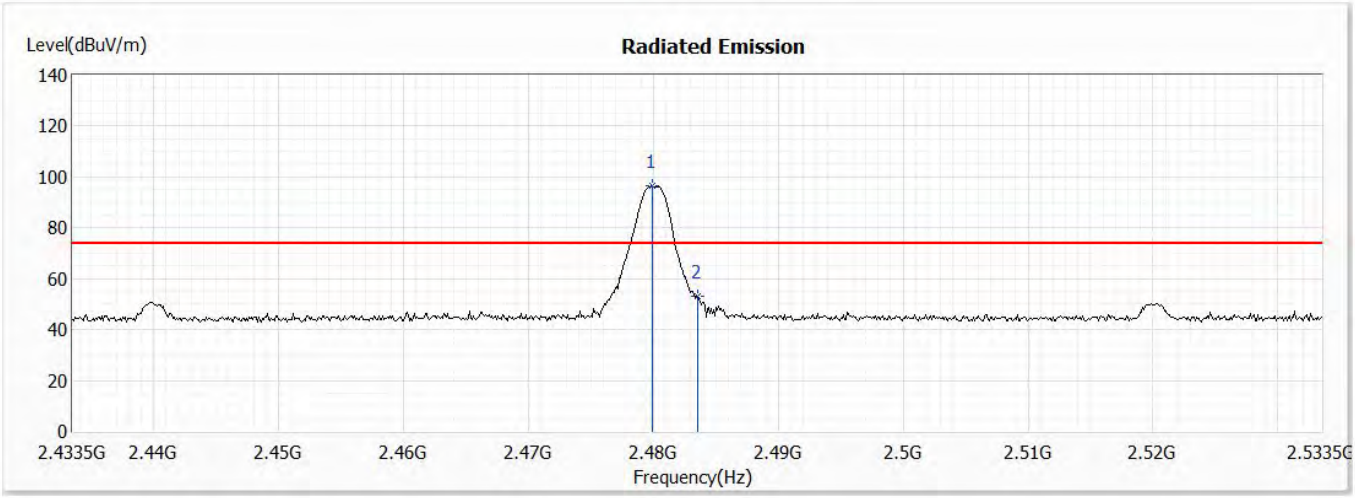
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2362.100	48.23	54.00	-5.77	35.10	13.13	AV
2	2390.000	33.51	54.00	-20.49	20.35	13.16	AV
3	2400.000	55.33	--	--	42.15	13.18	AV
4	2402.000	95.17	--	--	81.99	13.18	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	Band Edge
Test Mode	:	Mode 3: Transmit - BLE_1Mbps (2480MHz)
Test Date	:	2021/05/27

Horizontal



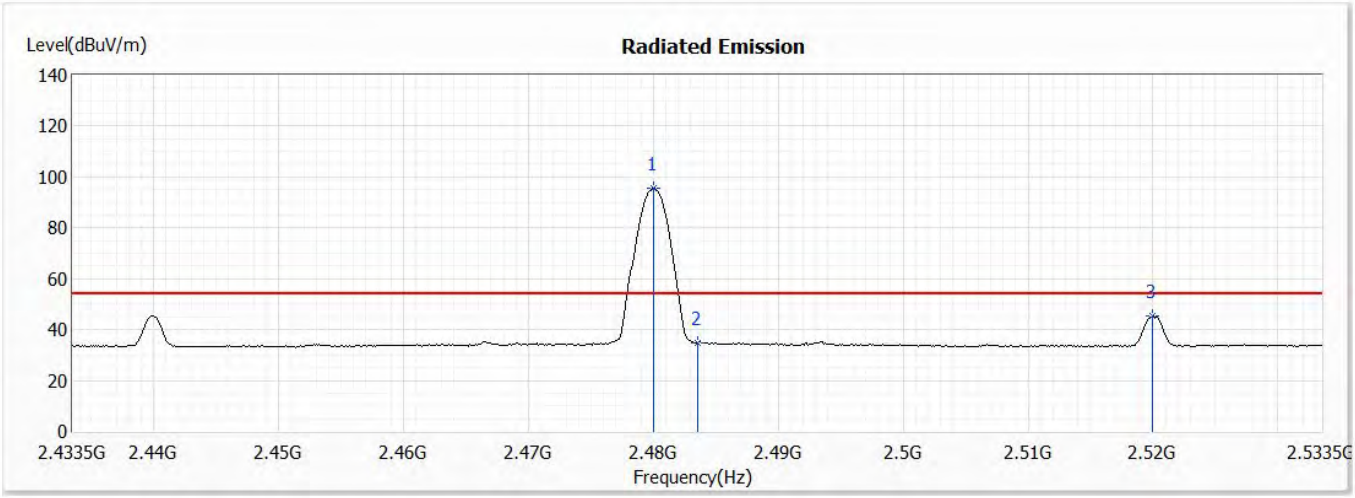
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2479.900	96.34	--	--	83.15	13.19	PK
2	2483.500	53.03	74.00	-20.97	39.84	13.19	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	Band Edge
Test Mode	:	Mode 3: Transmit - BLE_1Mbps (2480MHz)
Test Date	:	2021/05/27

Horizontal



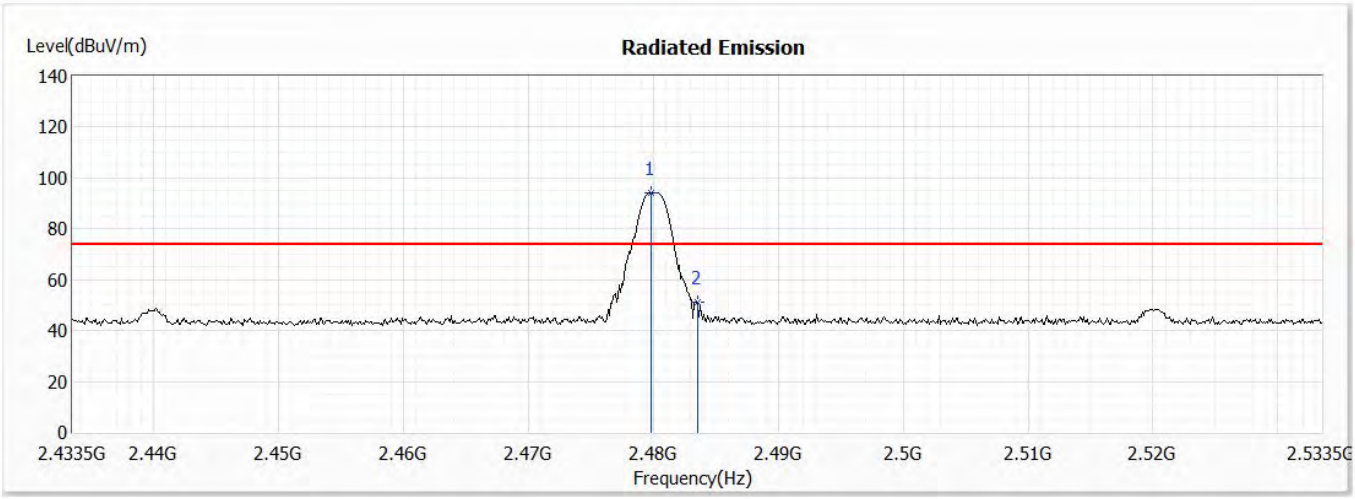
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2480.000	95.43	--	--	82.24	13.19	AV
2	2483.500	34.81	54.00	-19.19	21.62	13.19	AV
3	2520.000	45.36	54.00	-8.64	32.16	13.20	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product : HYBRID INSTANT CAMERA
Test Item : Band Edge
Test Mode : Mode 3: Transmit - BLE_1Mbps (2480MHz)
Test Date : 2021/05/27

Vertical



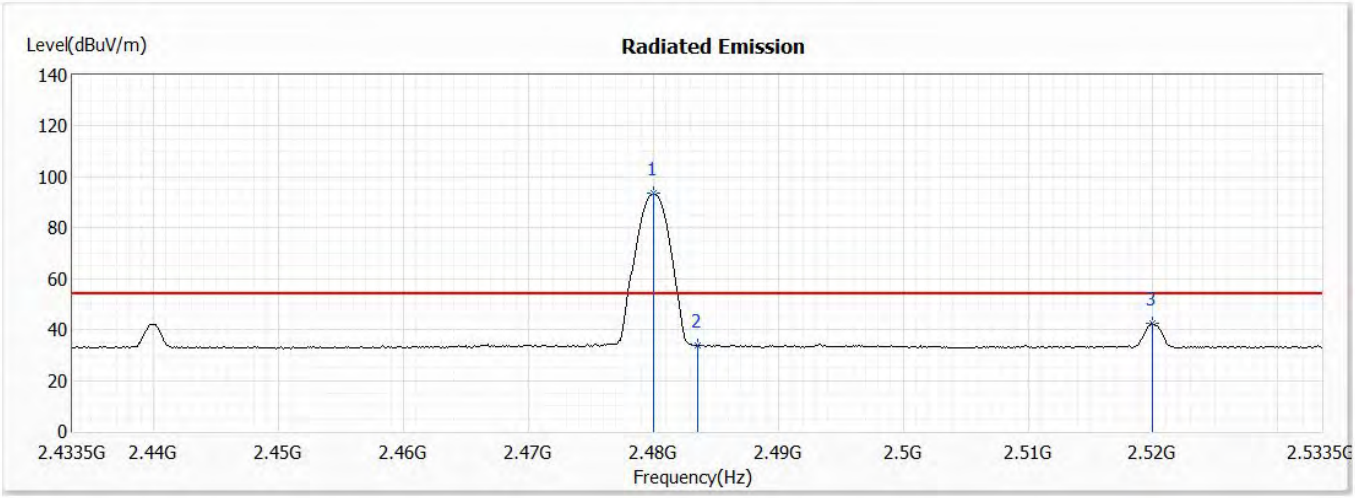
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2479.800	94.32	--	--	81.13	13.19	PK
2	2483.500	51.33	74.00	-22.67	38.14	13.19	PK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

Product	:	HYBRID INSTANT CAMERA
Test Item	:	Band Edge
Test Mode	:	Mode 3: Transmit - BLE_1Mbps (2480MHz)
Test Date	:	2021/05/27

Vertical



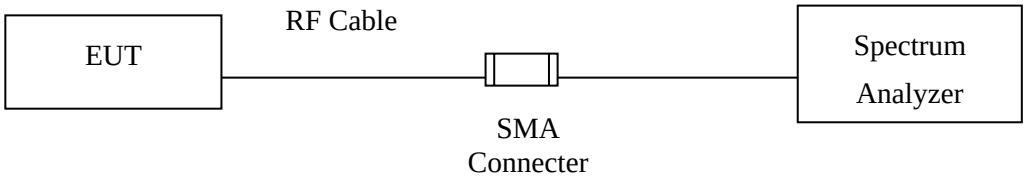
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Reading Level (dBuV)	Correct Factor (dB)	Detector Type
1	2480.000	93.42	--	--	80.23	13.19	AV
2	2483.500	33.81	54.00	-20.19	20.62	13.19	AV
3	2520.000	42.56	54.00	-11.44	29.36	13.20	AV

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Emission Level = Reading Level + Correct Factor.
3. The average measurement was not performed when the peak measured data under the limit of average detection.

7. Channel Number

7.1. Test Setup



7.2. Limit

Frequency hopping systems operating in the 2400-2483.5 MHz bands shall use at least 75 hopping frequencies.

7.3. Test Procedure

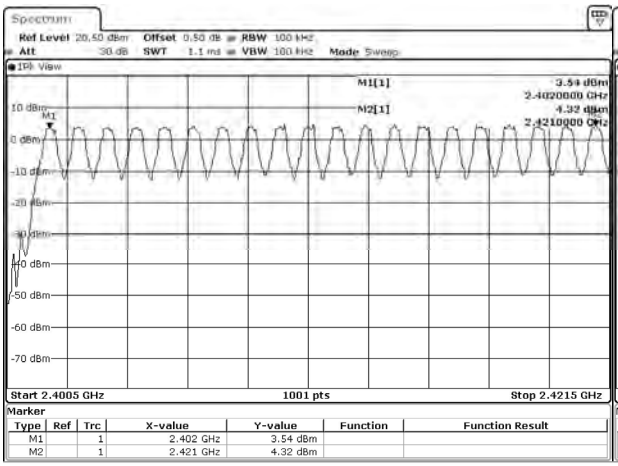
Tested according to FHSS test procedure of KDB558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

7.4. Test Result of Channel Number

Product : HYBRID INSTANT CAMERA
Test Item : Channel Number
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps
Test Date : 2021/04/27

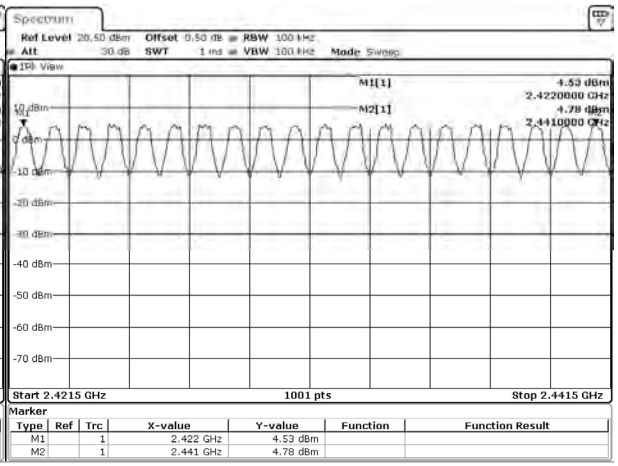
Frequency Range (MHz)	Measurement (Hopping Channel)	Required Limit (Hopping Channel)	Result
2402 ~ 2480	79	>75	Pass

2402-2421MHz



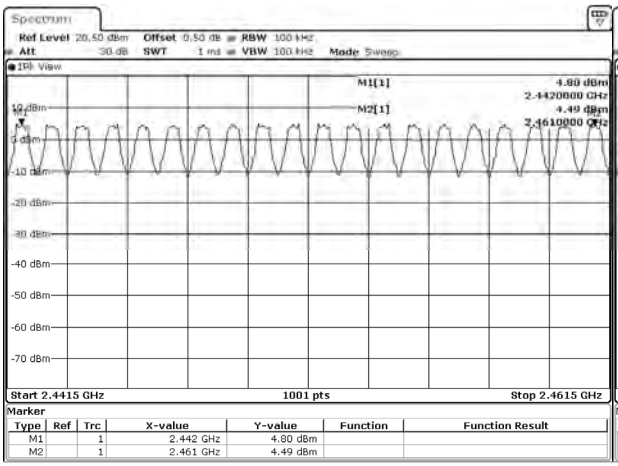
Date: 27.APR.2021 08:17:44

2422-2441MHz



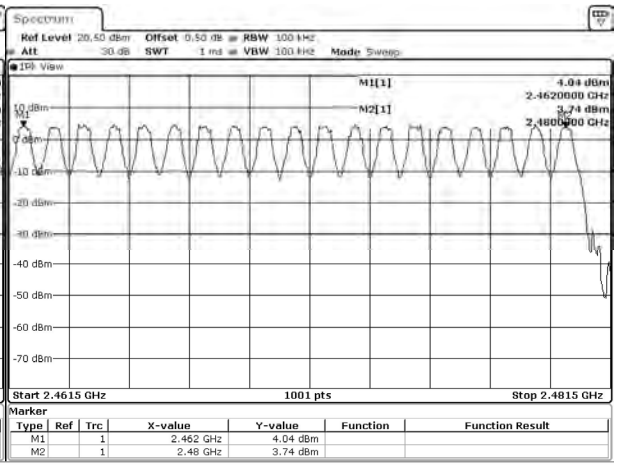
Date: 27.APR.2021 08:19:43

2442-2461MHz



Date: 27.APR.2021 08:22:07

2462-2480MHz

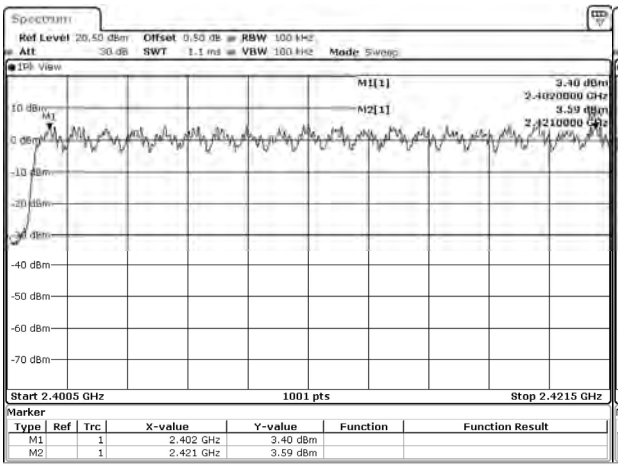


Date: 27.APR.2021 08:23:51

Product : HYBRID INSTANT CAMERA
Test Item : Channel Number
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps
Test Date : 2021/04/27

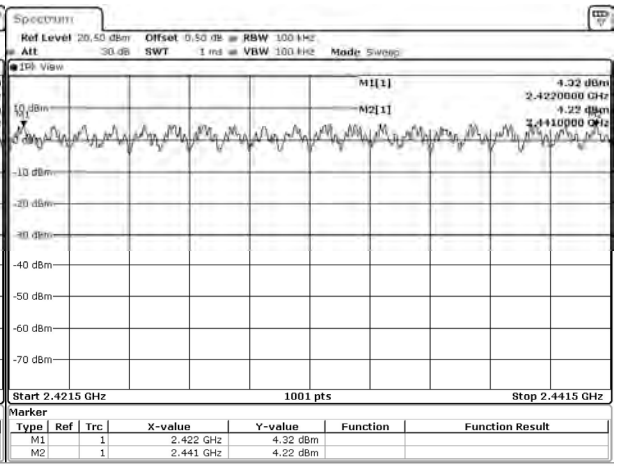
Frequency Range (MHz)	Measurement (Hopping Channel)	Required Limit (Hopping Channel)	Result
2402 ~ 2480	79	>75	Pass

2402-2421MHz



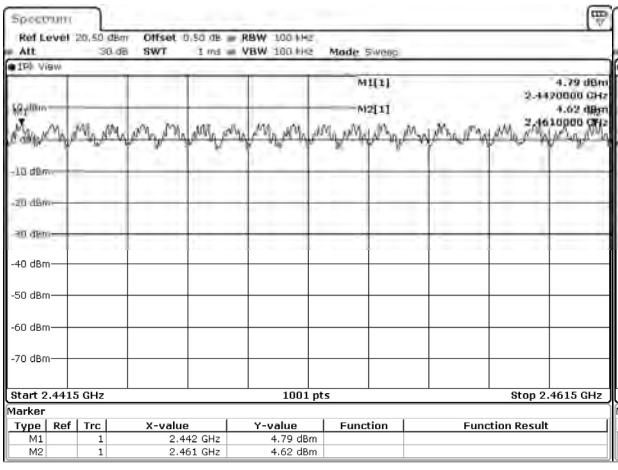
Date: 27.APR.2021 08:55:11

2422-2441MHz



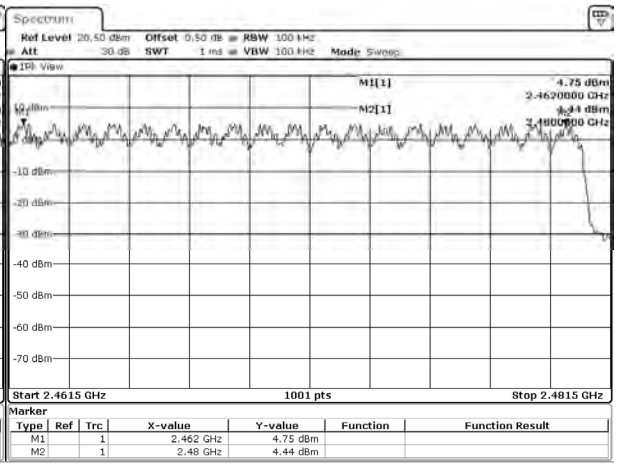
Date: 27.APR.2021 09:02:09

2442-2461MHz



Date: 27.APR.2021 09:10:29

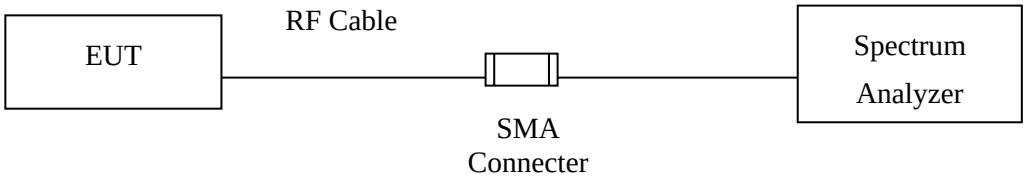
2462-2480MHz



Date: 27.APR.2021 09:20:08

8. Channel Separation

8.1. Test Setup



8.2. Limit

Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

8.3. Test Procedure

Tested according to FHSS test procedure of KDB558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

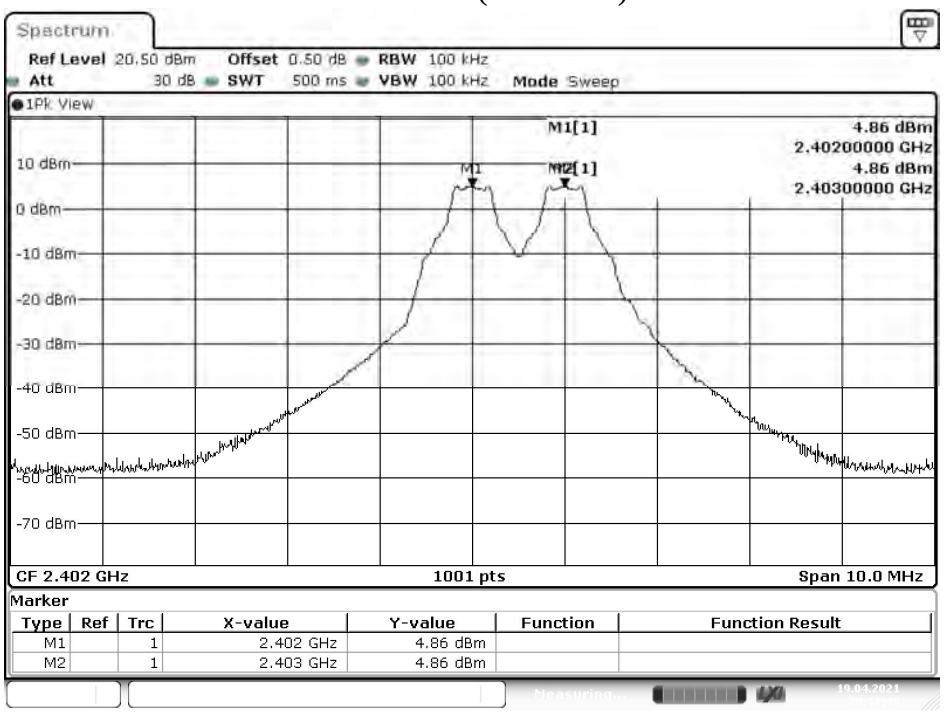
8.4. Test Result of Channel Separation

Product : HYBRID INSTANT CAMERA
Test Item : Channel Separation
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps
Test Date : 2021/04/29

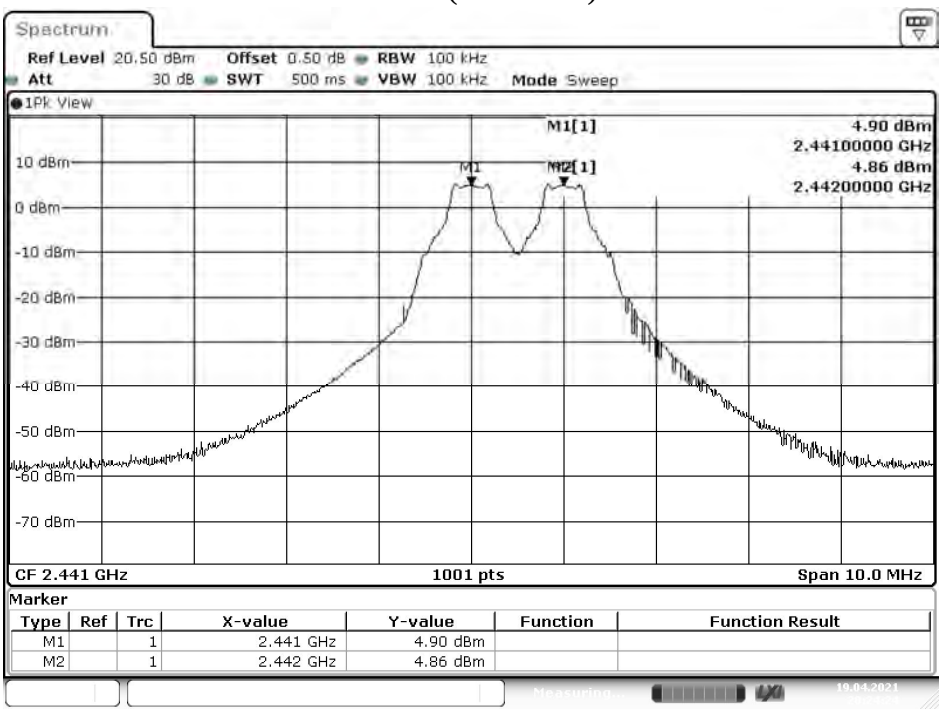
Channel No.	Frequency (MHz)	Emission Level (kHz)	Limit (kHz)	Limit of (2/3)*20dB Bandwidth (kHz)	Result
00	2402	1000	>25 kHz	688.0	Pass
39	2441	1000	>25 kHz	690.0	Pass
78	2480	1000	>25 kHz	692.0	Pass

NOTE: The 20dB Bandwidth is refer to section 10.

Channel 00 (2402MHz)

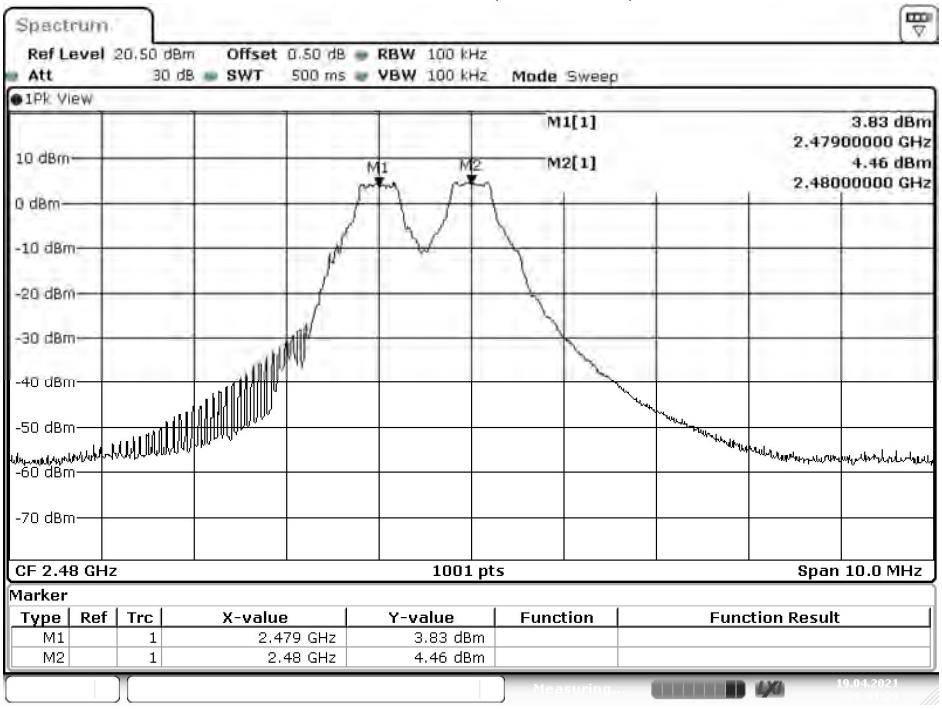


Channel 39 (2441MHz)



Date: 19.APR.2021 20:24:24

Channel 78 (2480MHz)



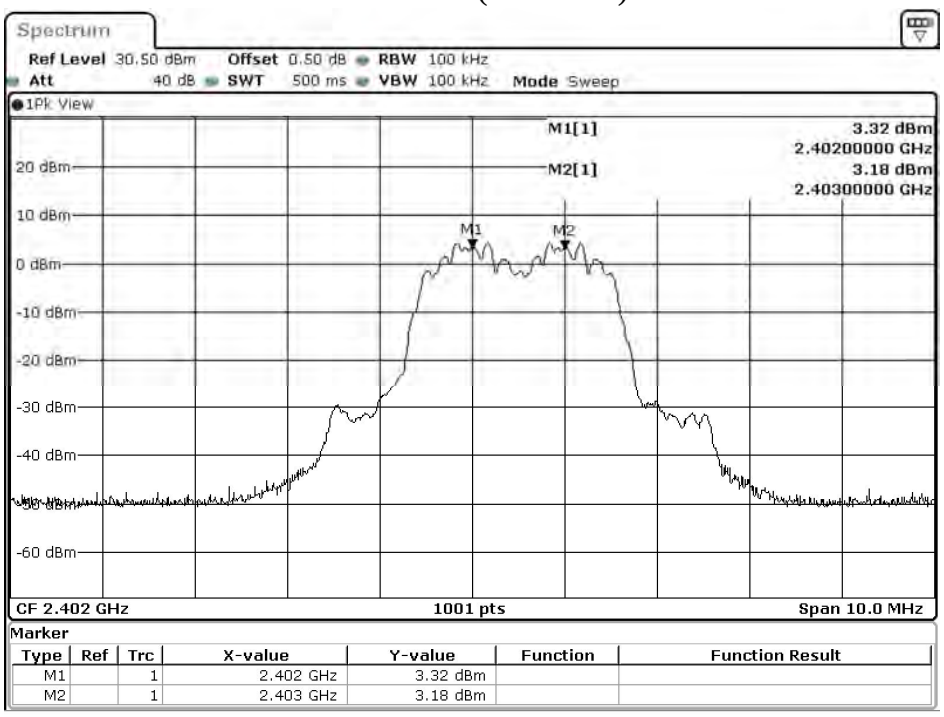
Date: 19.APR.2021 20:31:29

Product : HYBRID INSTANT CAMERA
Test Item : Channel Separation
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps
Test Date : 2021/06/01

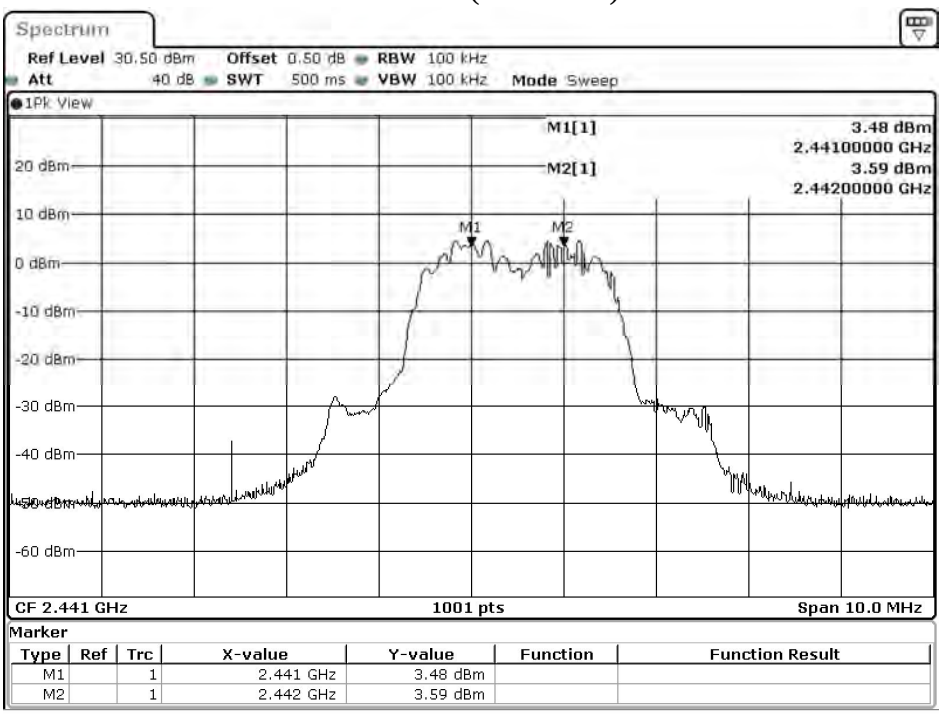
Channel No.	Frequency (MHz)	Emission Level (kHz)	Limit (kHz)	Limit of (2/3)*20dB Bandwidth (kHz)	Result
00	2402	1000	>25 kHz	862.0	Pass
39	2441	1000	>25 kHz	864.0	Pass
78	2480	1000	>25 kHz	864.0	Pass

NOTE: The 20dB Bandwidth is refer to section 10.

Channel 00 (2402MHz)

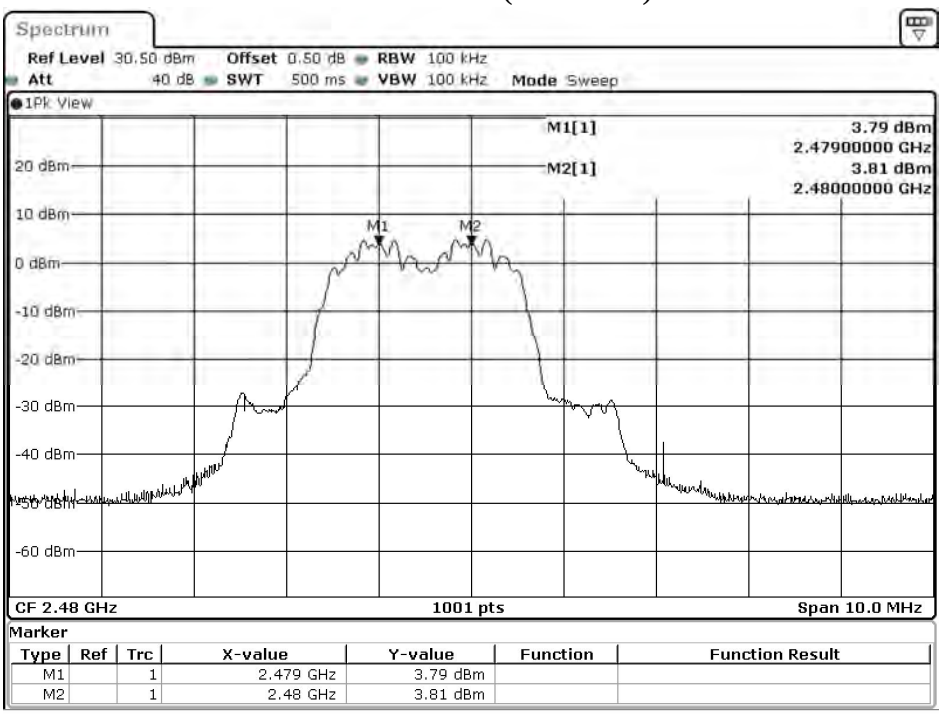


Channel 39 (2441MHz)



Date: 1.JUN.2021 02:04:03

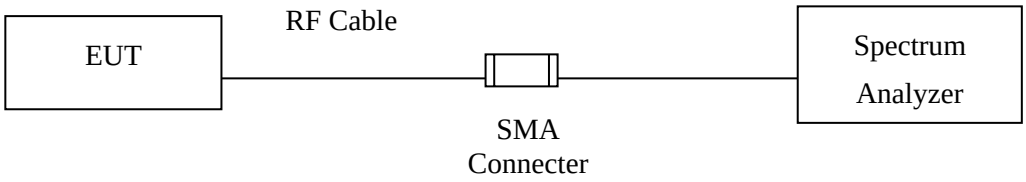
Channel 78 (2480MHz)



Date: 1.JUN.2021 02:05:49

9. Dwell Time

9.1. Test Setup



9.2. Limit

The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

9.3. Test Procedure

Tested according to FHSS test procedure of KDB558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

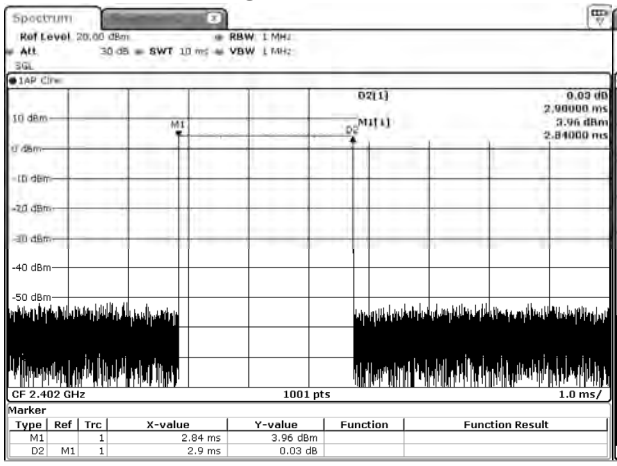
9.4. Test Result of Dwell Time

Product : HYBRID INSTANT CAMERA
Test Item : Dwell Time
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps (Channel 00,39,78)
Test Date : 2021/04/27

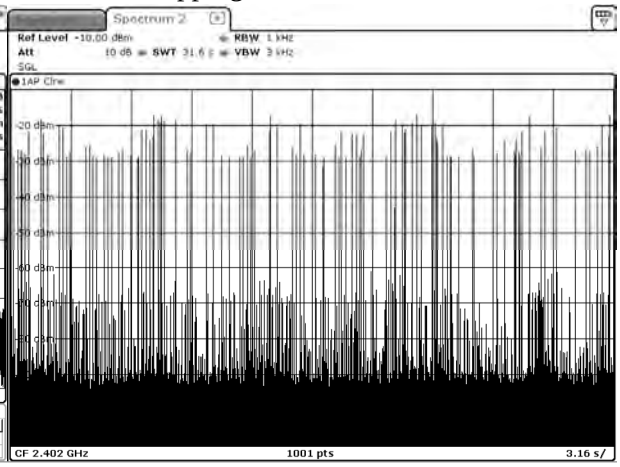
Frequency (MHz)	Time slot length (ms)	Hopping of Number	Sweep time (ms)	Dwell Time (ms)	Limit (ms)	Result
2402	2.900	85	31600	246.500	400	Pass
2441	2.900	92	31600	266.800	400	Pass
2480	2.900	97	31600	281.300	400	Pass

Dwell time = Time slot length (ms)*Hopping of Number

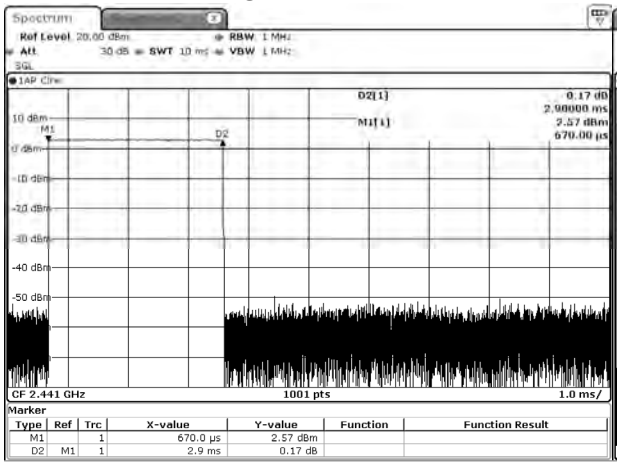
CH 00 Time slot length



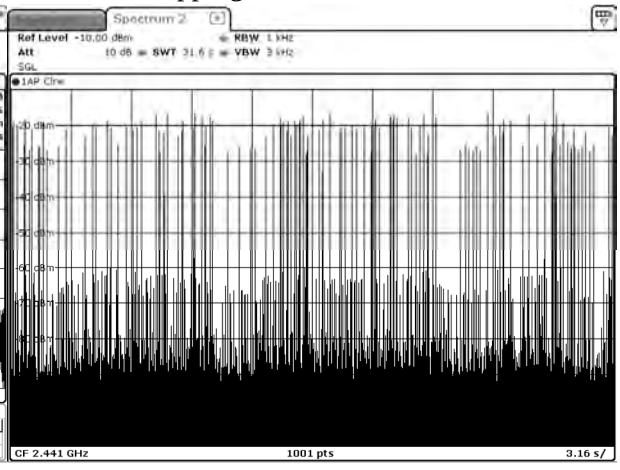
CH 00 Hopping of Number



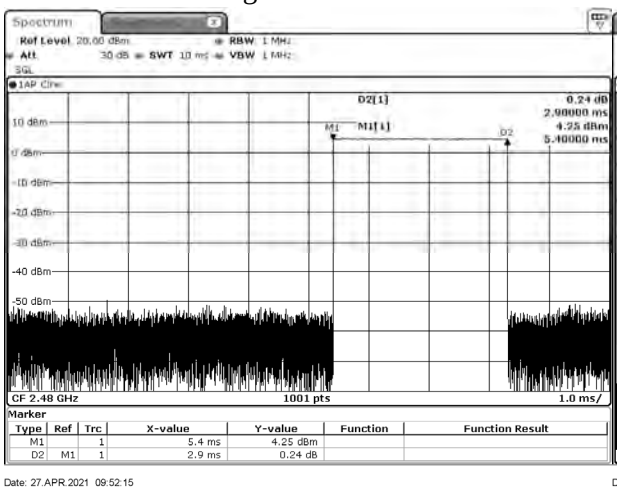
CH 39 Time slot length



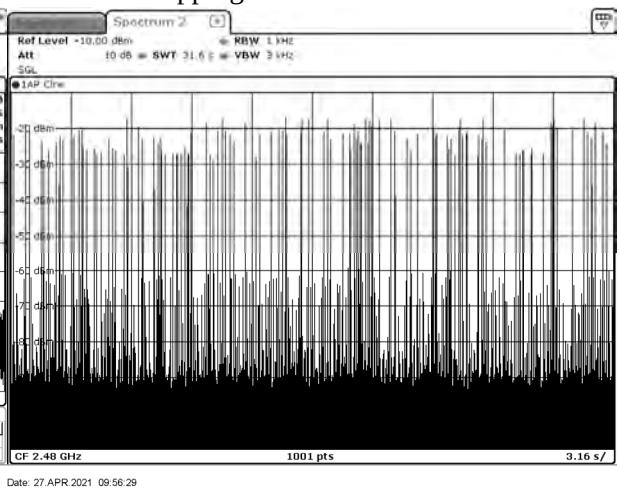
CH 39 Hopping of Number



CH 78 Time slot length



CH 78 Hopping of Number



Note:

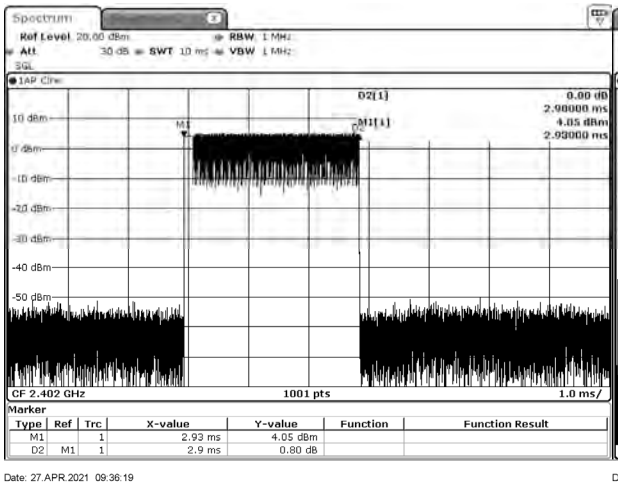
The dwell times of the packet type of DH1, DH3, and DH5 are tested. Only the worst case is shown on the report.

Product : HYBRID INSTANT CAMERA
Test Item : Dwell Time
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps (Channel 00,39,78)
Test Date : 2021/04/27

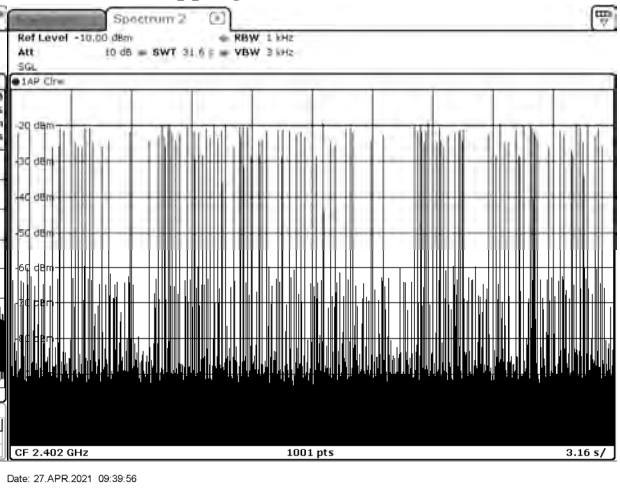
Frequency (MHz)	Time slot length (ms)	Hopping of Number	Sweep time (ms)	Dwell Time (ms)	Limit (ms)	Result
2402	2.900	89	31600	258.100	400	Pass
2441	2.910	91	31600	264.810	400	Pass
2480	2.910	86	31600	250.260	400	Pass

Dwell time = Time slot length (ms)*Hopping of Number

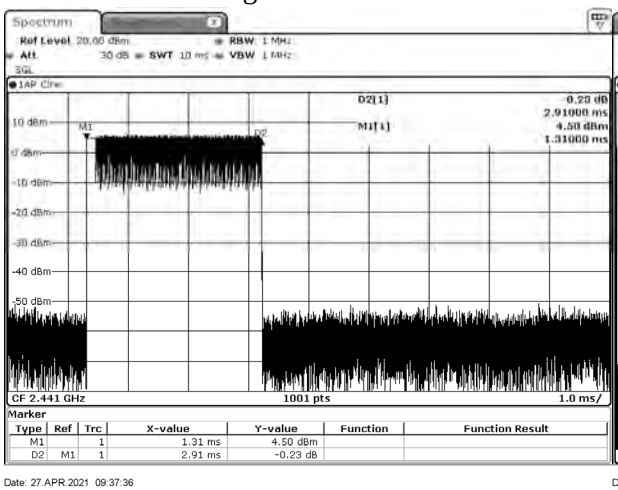
CH 00 Time slot length



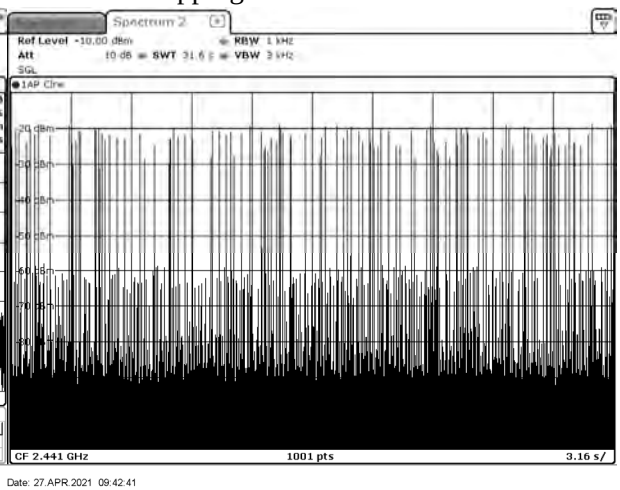
CH 00 Hopping of Number



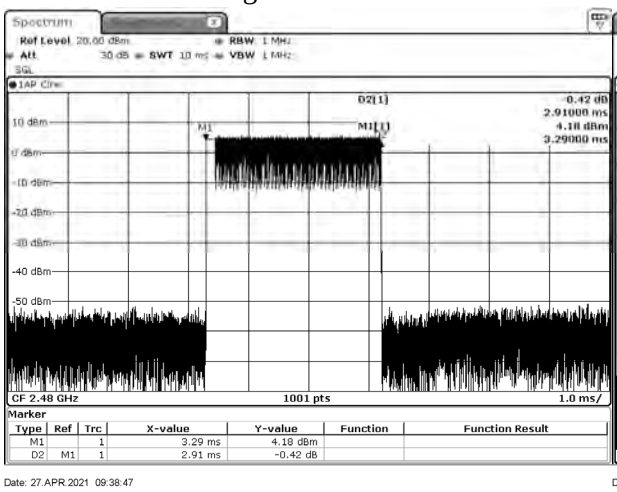
CH 39 Time slot length



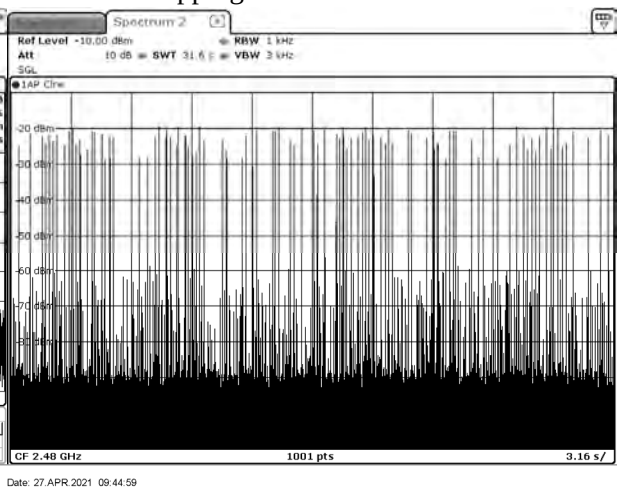
CH 39 Hopping of Number



CH 78 Time slot length



CH 78 Hopping of Number

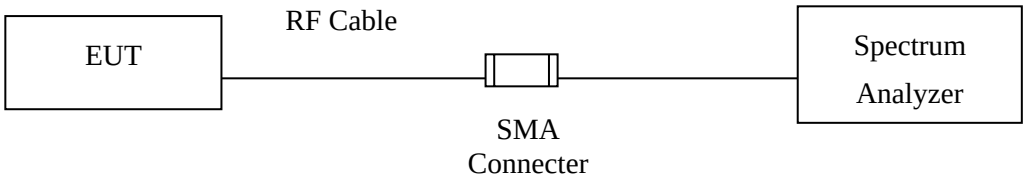


Note:

The dwell times of the packet type of DH1, DH3, and DH5 are tested. Only the worst case is shown on the report.

10. Occupied Bandwidth

10.1. Test Setup



10.2. Limits

N/A

The minimum bandwidth shall be at least 500 kHz.

10.3. Test Procedure

Tested according to FHSS test procedure of KDB558074 section 9 (b for compliance to FCC 47CFR 15.247 requirements.

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.

10.4. Test Result of Occupied Bandwidth

Product : HYBRID INSTANT CAMERA
Test Item : Occupied Bandwidth Data
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps
Test Date : 2021/04/19

Channel No.	Frequency (MHz)	Emission Level (kHz)	Required Limit (kHz)	Result
00	2402	1032	--	NA
39	2441	1035	--	NA
78	2480	1038	--	NA

Figure Channel 00:

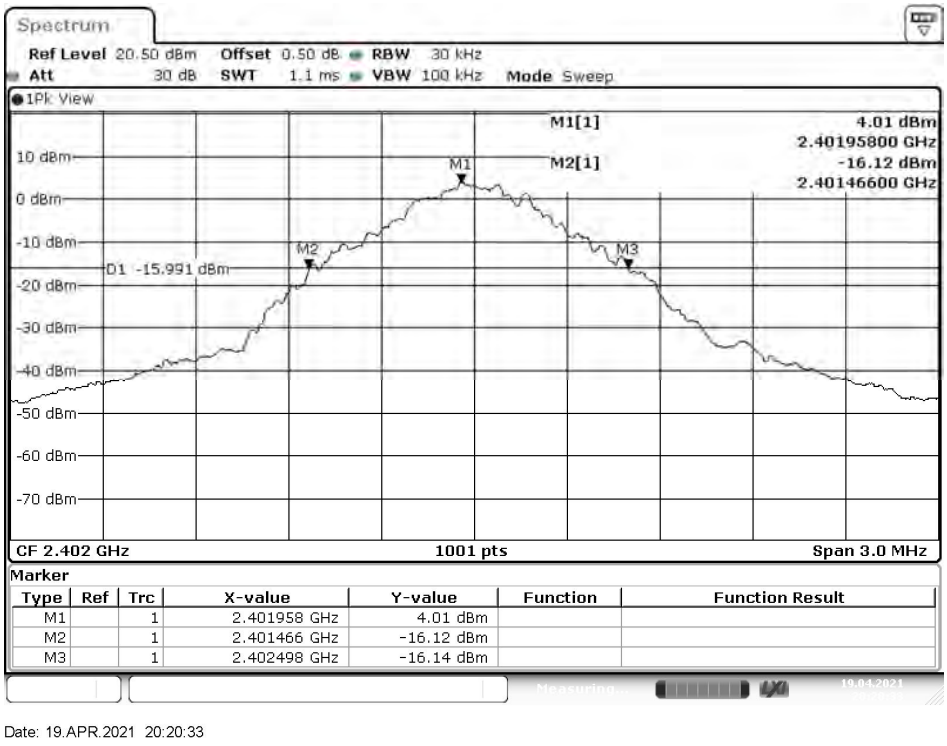
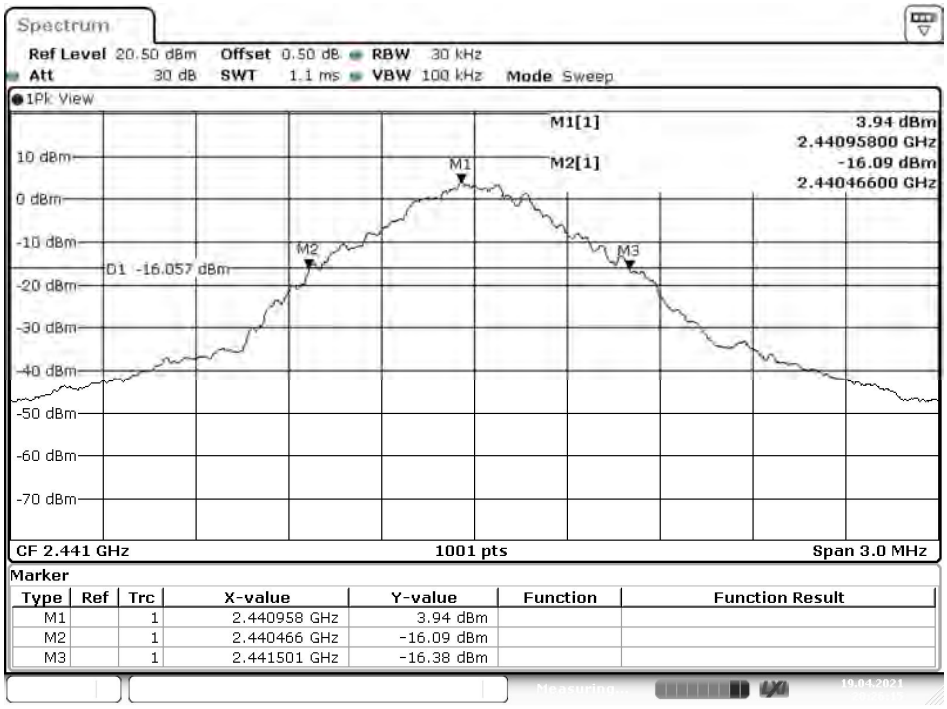
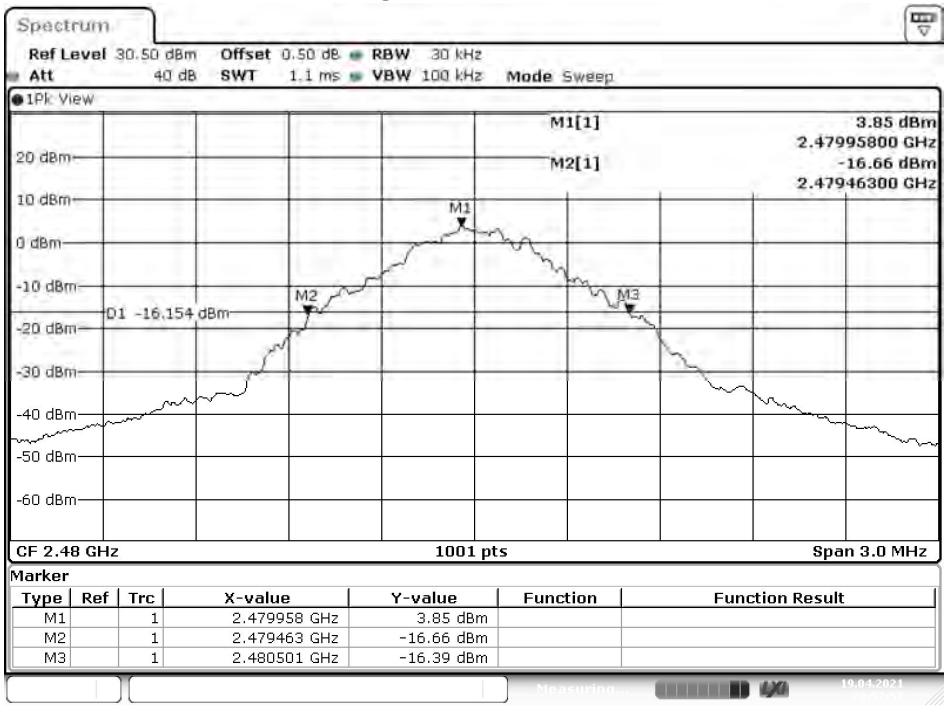


Figure Channel 39:



Date: 19.APR.2021 20:26:15

Figure Channel 78:

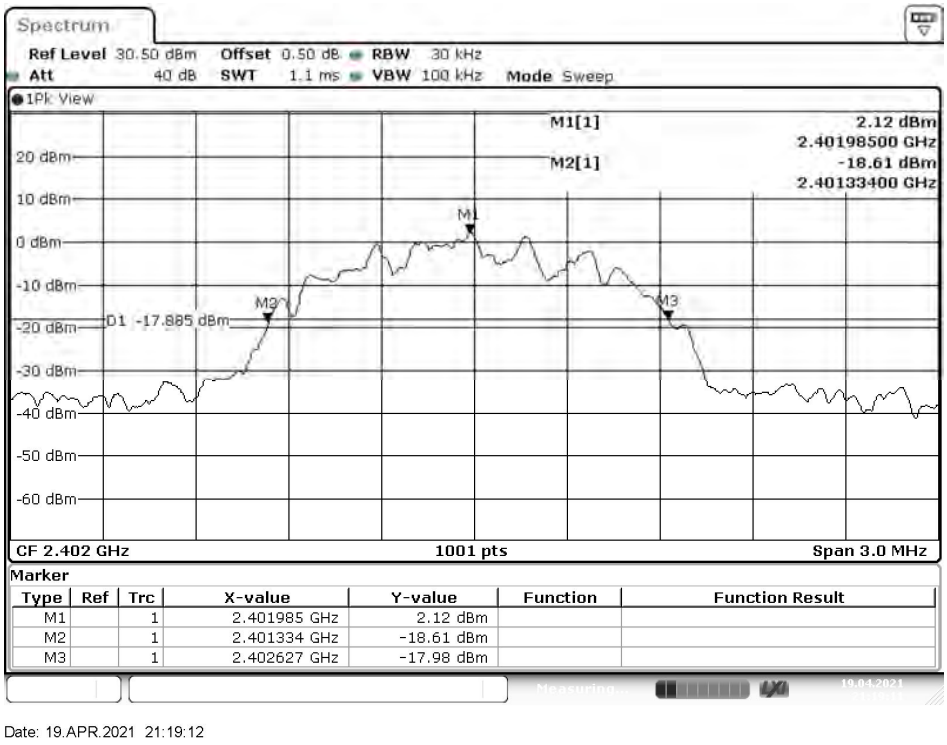


Date: 19.APR.2021 20:57:57

Product : HYBRID INSTANT CAMERA
Test Item : Occupied Bandwidth Data
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps
Test Date : 2021/04/19

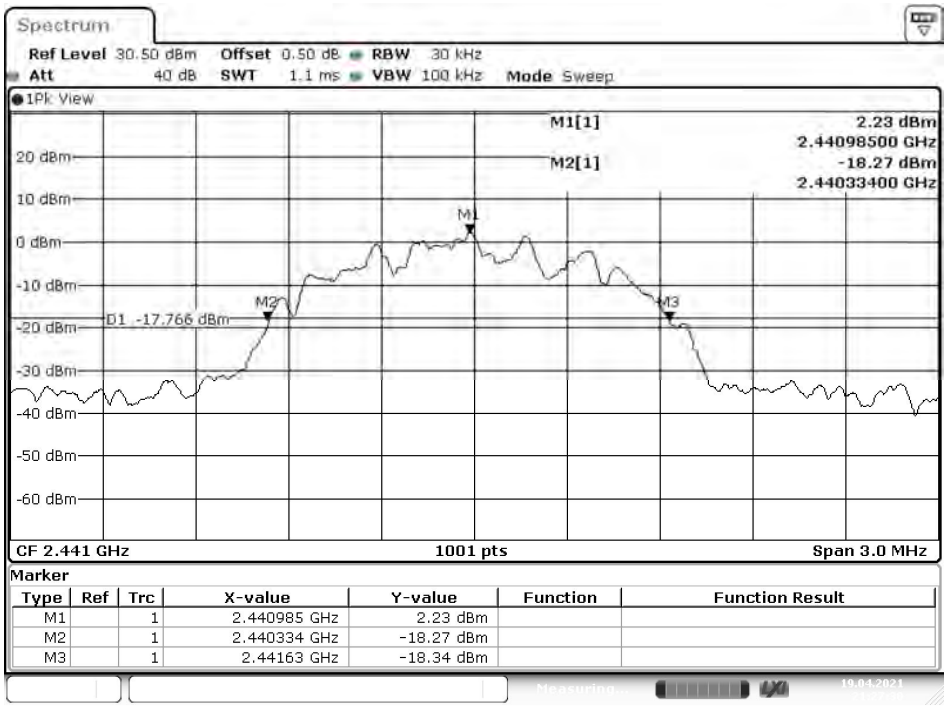
Channel No.	Frequency (MHz)	Emission Level (kHz)	Required Limit (kHz)	Result
00	2402	1293	--	NA
39	2441	1296	--	NA
78	2480	1296	--	NA

Figure Channel 00:



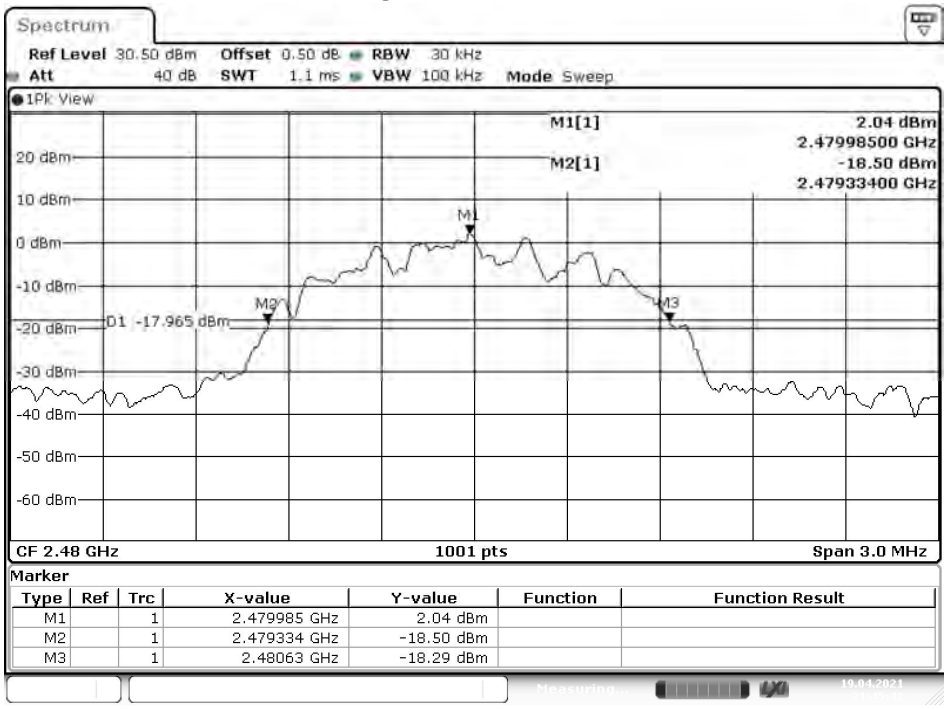
Date: 19.APR.2021 21:19:12

Figure Channel 39:



Date: 19.APR.2021 21:27:31

Figure Channel 78:



Date: 19.APR.2021 21:45:43

Product : HYBRID INSTANT CAMERA
Test Item : 6dB Bandwidth Data
Test Mode : Mode 3: Transmit - BLE_1Mbps
Test Date : 2021/04/20

Channel No.	Frequency (MHz)	Emission Level (kHz)	Required Limit (kHz)	Result
00	2402	770	>500	Pass
19	2440	770	>500	Pass
39	2480	770	>500	Pass

Figure Channel 00:

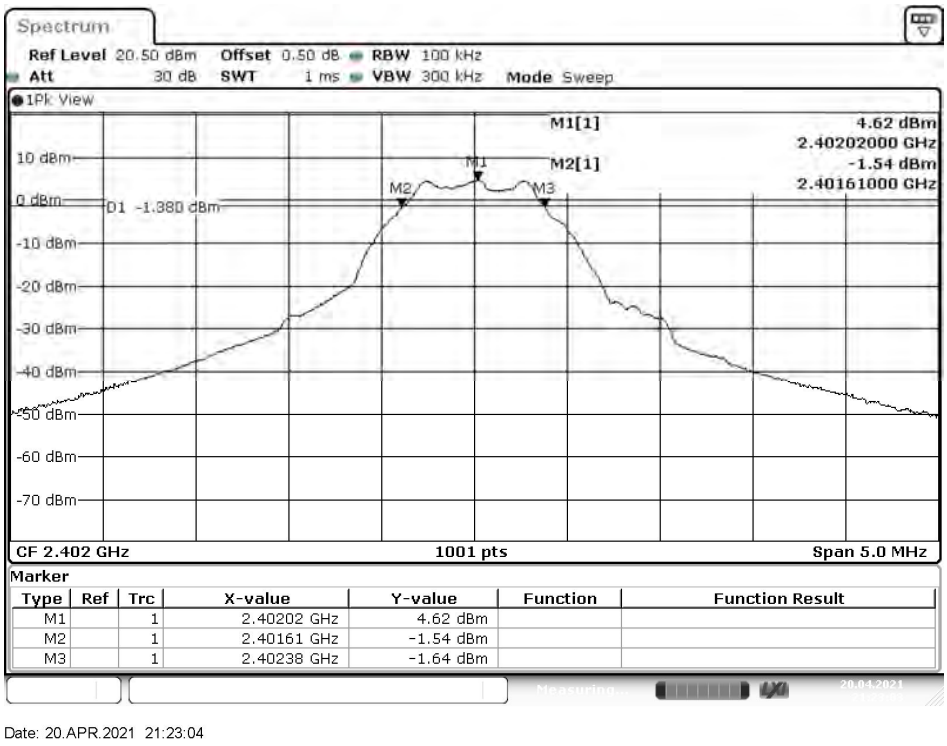
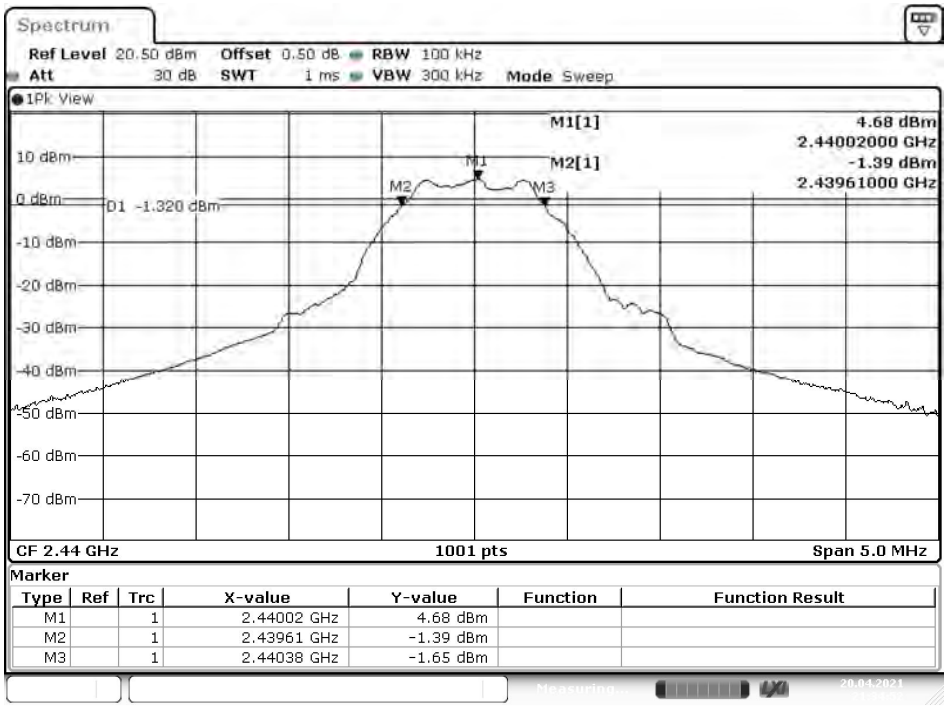
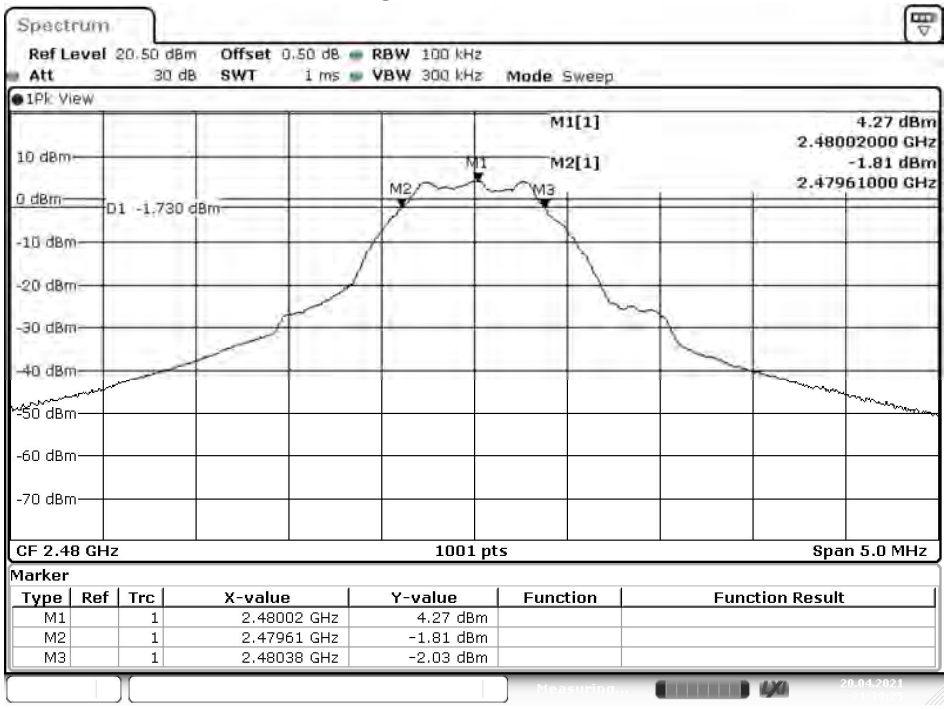


Figure Channel 19:



Date: 20.APR.2021 21:34:53

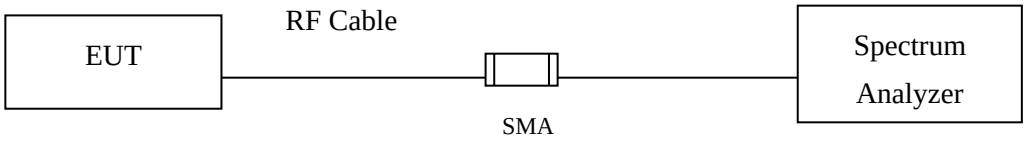
Figure Channel 39:



Date: 20.APR.2021 21:39:26

11. Power Density

11.1. Test Setup



11.2. Limits

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

11.3. 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)

11.4. Test Result of Power Density

Product : HYBRID INSTANT CAMERA
Test Item : Power Density Data
Test Mode : Mode 3: Transmit - BLE_1Mbps
Test Date : 2021/04/20

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
00	2402	4.54	≦8dBm	Pass
19	2440	4.64	≦8dBm	Pass
39	2480	4.24	≦8dBm	Pass

Figure Channel 00:

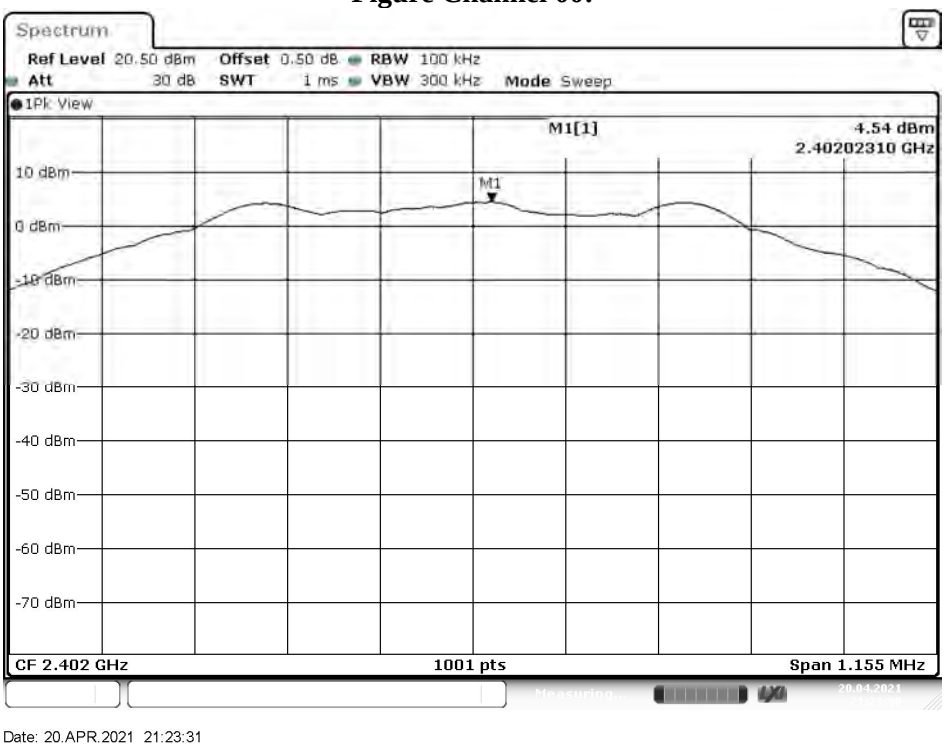
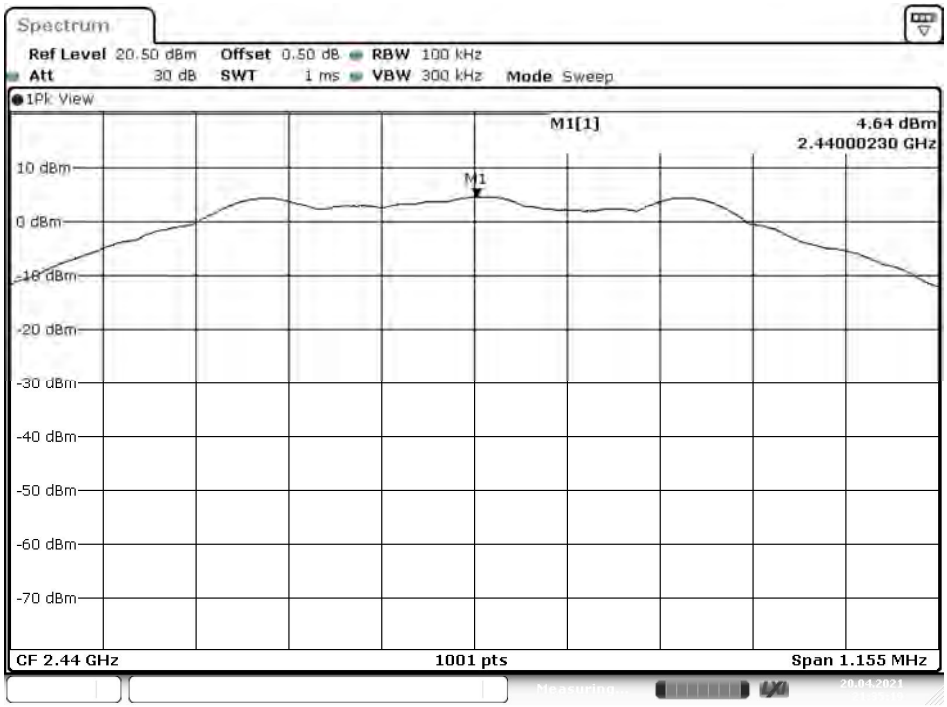
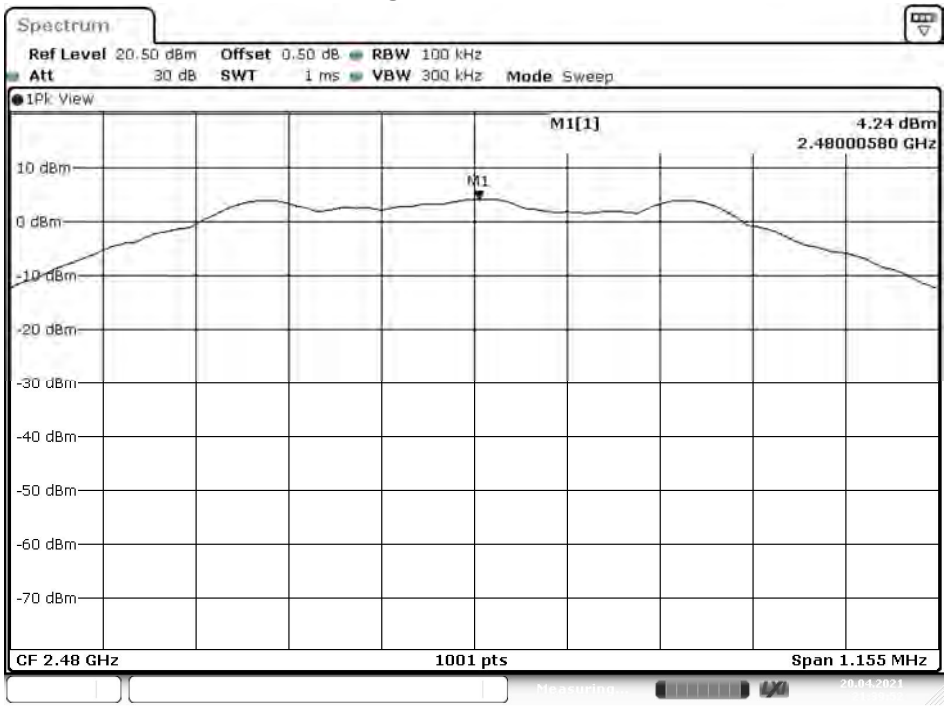


Figure Channel 19:



Date: 20.APR.2021 21:35:20

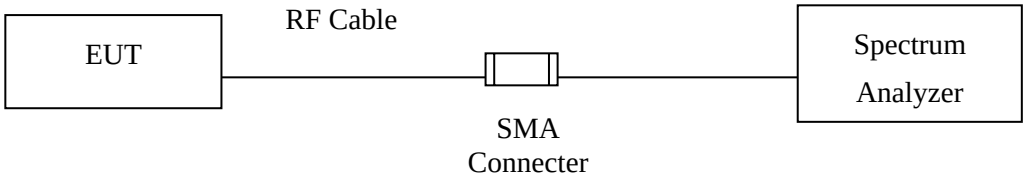
Figure Channel 39:



Date: 20.APR.2021 21:39:52

12. Duty Cycle

12.1. Test Setup

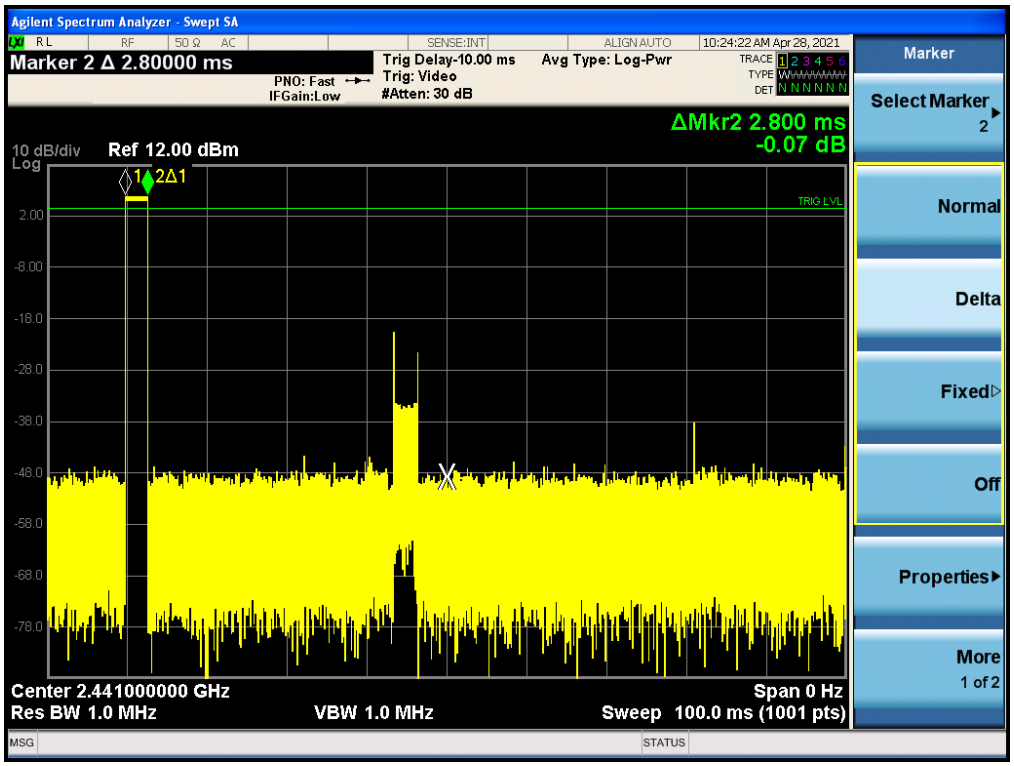


12.2. Test Procedure

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.

12.3. Test Result of Duty Cycle

Product : HYBRID INSTANT CAMERA
Test Item : Duty Cycle Data
Test Mode : Mode 1: Transmit - Bluetooth_1Mbps



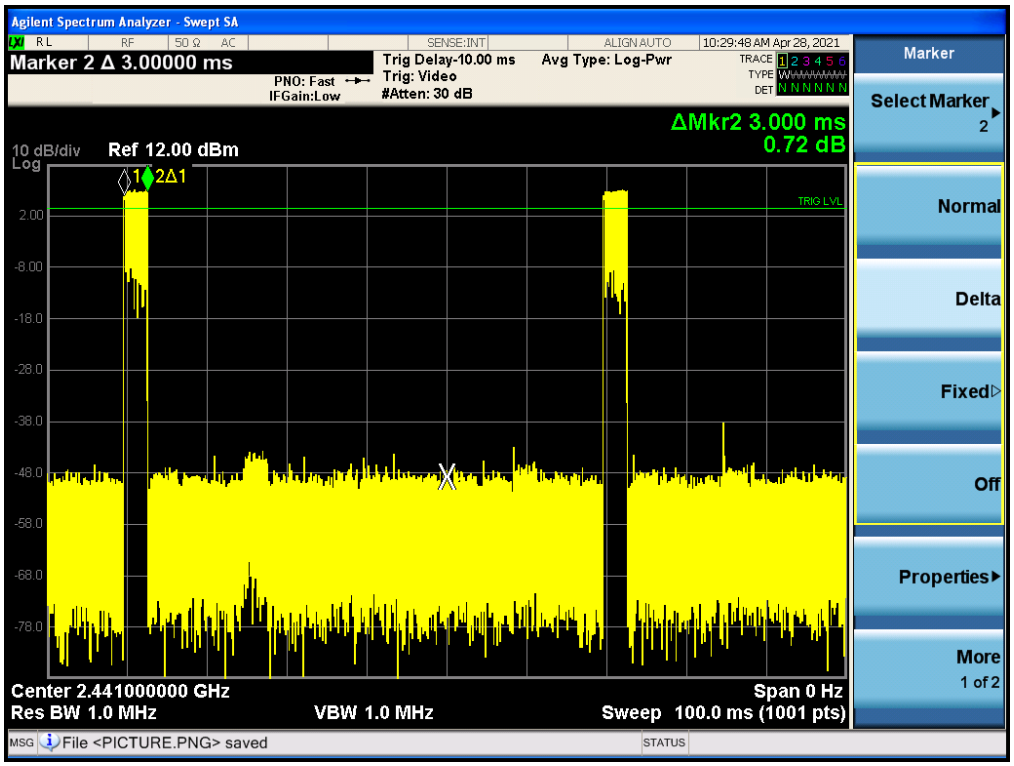
Time on of 100ms= 2.800ms

Duty Cycle= 2.800ms / 100ms= 0.028

Duty Cycle correction factor= 20 LOG 0.028= -31.057 dB

Duty Cycle correction factor	**-31.057**	**dB**

Product : HYBRID INSTANT CAMERA
Test Item : Duty Cycle Data
Test Mode : Mode 2: Transmit - Bluetooth_3Mbps



Time on of 100ms= 3.000*2= 6.000ms

Duty Cycle= 6.000ms / 100ms= 0.060

Duty Cycle correction factor= 20 LOG 0.060= -24.437 dB

Duty Cycle correction factor	**-24.437**	**dB**

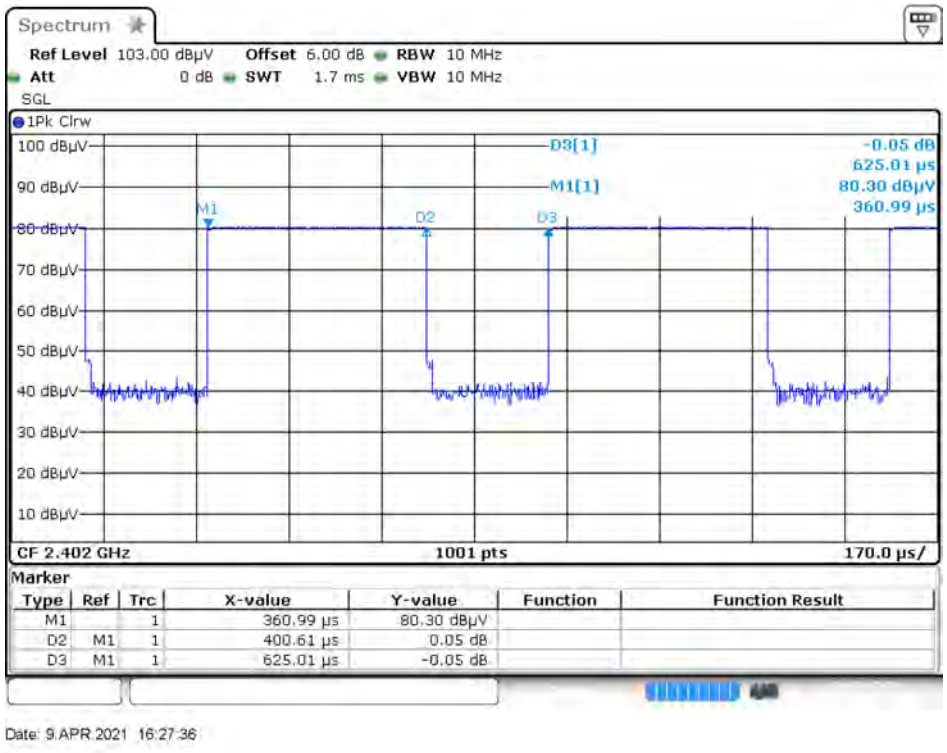
Product : HYBRID INSTANT CAMERA
Test Item : Duty Cycle
Test Mode : Mode 3: Transmit - BLE_1Mbps

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

Results:

2.4GHz band	Ton (ms)	Ton + Toff (ms)	Duty Cycle (%)	Duty Factor (dB)
BLE 1Mbps	0.4006	0.6250	64.10	1.93

BLE 1Mbps



13. EMI Reduction Method During Compliance Testing

No modification was made during testing.