

Test Report

Product: Baby Monitor

Trade Mark: N/A

Model Number: Baby 2Q

FCC ID: 2AG7C-IT3380B2

Prepared for

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Prepared by

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TEST RESULT CERTIFICATION

Applicant's Name..... : Hangzhou Meari Technology Co., Ltd.
Building 4,Huiding Intelligent Innovation Center,No. 825,Ruquan
Address : Road,Changhe Street,Binjiang District,Hangzhou,Zhejiang,
China

Manufacturer's Name : Hangzhou Meari Technology Co., Ltd.
Building 4,Huiding Intelligent Innovation Center,No. 825,Ruquan
Address : Road,Changhe Street,Binjiang District,Hangzhou,Zhejiang,
China

Product description

Product name : Baby Monitor

Model Number : Baby 2Q

Standards : FCC Part 15.247

IEEE/ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 +

Test procedure..... : Errata to C63.10a-2024

KDB 558074 D01 15.247 Meas Guidance v05r02

This device described above has been tested by Shenzhen HongBiao Certification& Testing Co., Ltd and the test results show that the equipment under test (EUT) is in compliance with the EMC requirements. And it is applicable only to the tested sample identified in the report.

Date of Test

Date (s) of performance of tests..... : Aug. 27, 2026~Sept. 24, 2026

Test Result..... : **Pass**

Testing Engineer :

Zoe Su

(Z o e S u)

Technical Manager :

Ming Liu

(Ming Liu)

Authorized Signatory :

Leo Su

(L e o S u)

[illegible]

1 General Description

1.1 Description of EUT

Product name:	Baby Monitor
Model name:	Baby 2Q
Series Model:	Baby 2QM, Baby 2T, Baby 2TM, Baby 2F, Baby 2FM, Baby 6Q, Baby 6QM, Baby 6T, Baby 6TM, Baby 6F, Baby 6FM, Baby 1Q, Baby 1QM, Baby 1T, Baby 1TM, Baby 1F, Baby 1FM, Baby 11QM, Baby 11Q, Baby 11FM, Baby 11F, Speed 15Q, Speed 15T, C1
Different of series model:	All the models are the same circuit and module, except the model No..
Operation frequency:	905-925MHz
Modulation type:	OFDM
Antenna type:	FPC Antenna
Antenna gain:	-1.55dBi
Max. output power:	27.58dBm
Hardware version:	BABY6QM-T43MB-SC25-REV1_0
Software version:	V1.0
Battery:	N/A
Power supply:	Input: 100-240V~ 50/60Hz Output: DC 5V/1A
Adapter information:	Model: DCT06W050100US-C1 Input: 100-240V~50/60Hz 200mA Output: 5.0V=1.0A Model: DCT10W050200US-C0 Input: 100-240V~50/60Hz 0.3A Output: 5.0V=2.0A

Note: both adapters were tested separately on the host, and the report only reflects the worst model: DCT10W050200US-C0 adapter data.

1.2 Test Mode

Test Mode	Channel	Frequency (MHz)
TX	0	905
TX	5	915
TX	10	925

1.3 Operation Channel list

Channel No.	Frequency (MHz)	Channel No.	Frequency (MHz)
0	905	6	917
1	907	7	919
2	909	8	921
3	911	9	923
4	913	10	925
5	915		

1.4 Test Setup

See photographs of the test setup in the report for the actual setup and connections between EUT and support equipment.

1.5 Power setting configuration parameters

During testing channel & power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters.

Test software Version		N/A	
Frequency	905 MHz	915 MHz	925 MHz
Parameters	Default	Default	Default
RF cable			
Description	Connector	Length	Supplied by
Antenna Cable	SMA	10cm	Applicant

Note: Disclaimer: the loss of RF cable is too small and can be ignored.

1.6 Ancillary Equipment

Equipment	Model	S/N	Manufacturer
Notebook	BDR-WDH	A3RQPM242 0002411	Honor Terminal Co., Ltd.

Note: The laptop is used to assist the RF test. In order to prevent the laptop from causing unnecessary impact on the test, the laptop will be removed from the test environment after the EUT successfully transmits at a fixed frequency using the laptop.

2 Summary of Test Result

No.	Standard Section	Test Item	Result	Remark
1	15.203	Antenna Requirement	Pass	
2	15.247 (b)	Peak Output Power	Pass	
3	15.207	Conducted Emission	Pass	
4	15.247 (d) & 15.209	Radiated Spurious Emission	Pass	
5	15.247 (e)	Power Spectral Density	Pass	
6	15.247 (a)(2)	6dB Bandwidth	Pass	
7	15.205	Band Edge Emission	Pass	
8	15.247(d)	Spurious RF Conducted Emissions	Pass	

3 Test Facilities and Accreditations

3.1 Test Laboratory

Test Site	Shenzhen HongBiao Certification& Testing Co., Ltd
Test Site Location	Room 102, 201, Building 2, Yuanwanggu RFID Industrial Park, Tongguan Road, Tianliao Community, Yutang Street, Guangming District, Shenzhen, China
Telephone:	(86-755) 2998 9321
Fax:	(86-755) 2998 5110
FCC Registration No.:	CN1341
A2LA Certificate No.:	6765.01

3.2 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15°C~35°C
Relative Humidity:	20%~75%
Air Pressure:	98kPa~101kPa

3.3 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

The data and results quoted in this document are true and accurate values, and uncertainties are not involved in the calculations.

In addition, components and mass production processes that are similar to testing equipment may introduce additional deviations, and the manufacturer is solely responsible for the continued compliance of the equipment.

Measurement Frequency Range	U, (dB)	Note
RF frequency	2×10^{-5}	
RF power, conducted	± 0.57 dB	
Conducted emission(150kHz~30MHz)	± 2.5 dB	
Radiated emission(9kHz-30MHz)	± 2.5 dB	
Radiated emission(30MHz~1GHz)	± 4.2 dB	
Radiated emission (above 1GHz)	± 4.7 dB	
Occupied Bandwidth	$\pm 3\%$	
PSD	± 2.02 dB	
Temperature	± 1 degree	
Humidity	$\pm 5 \%$	

3.4 Test Software

Software name	Manufacturer	Model	Version
Conducted Emission test Software	Farad	EZ-EMC	EMC-CON 3A1.1+
Radiated Emission test Software	Farad	EZ-EMC	FA-03A2
RF Test System	MWRF	MTS 8310	2.0.0.0

4 List of Test Equipment

5 Radiation emission							
Item	Equipment No.	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	HB-E001	Horn Antenna	Schwarzbeck	BBHA 9120D	02592	2026-04-25	2028-04-24
2	HB-E002	Biconical log-periodic composite antenna	Schwarzbeck	VULB 9168	01340	2026-04-25	2028-04-24
3	HB-E003	SHF-EHF Horn	Schwarzbeck	BBHA 9170	01193	2026-04-25	2028-04-24
4	HB-E005	Preamplifier	Noyetec	LAN-0118	NYCM1420102	2026-04-27	2027-04-26
5	HB-E006	Preamplifier	Noyetec	LAN-1840	NYCM1420103	2026-04-30	2027-04-29
6	HB-E007	EMI TEST RECEIVER	R&S	ESR7	102520	2026-04-28	2027-04-27
7	HB-E009	POSITINAL COTROLLE R	Noyetec	N/A	N/A	/	/
8	HB-E013	RF switch	Noyetec	NY-RF4	NY0CM1420204	/	/
9	HB-E066	Illuminance Tester	TASI	TA8121	N/A	2026-04-30	2027-04-29
10	HB-E075	Active loop antenna	Schwarzbeck	FMZB 1519B	1519B-00245	2026-04-25	2028-04-24
11	HB-E076	Preamplifier	Hewlett Packard	8447D	1937A02278	2026-04-28	2027-04-27
12	HB-E044	Signal& spectrum Analyzer	R&S	FSV3044	101264	2026-04-28	2027-04-27
Conduction emission							
Item	Equipment No.	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	HB-E014	4 Path V-LISN	Schwarzbeck	NNLK 8121	00770	2026-04-27	2027-04-26
2	HB-E015	Pulse Limiter	Schwarzbeck	VTSD 9561-F	00949	2026-04-27	2027-04-26
3	HB-E016	Absorb clamp	ZHINAN	ZN23201	*21066*	2026-04-29	2027-04-28
4	HB-E059	Attenuator	Xianghua	TS2-6-1	220215166	2026-04-27	2027-04-26
5	HB-E069	EMI TEST RECEIVER	R&S	ESCI	100610	2026-04-27	2027-04-26
RF							
Item	Equipment No.	Equipment name	Manufacturer	Model	Serial No.	Calibration date	Due date
1	HB-E041	MXG AnaioG Signal Generator	Agilent	N5181A	MY47070421	2026-04-27	2027-04-26

2	HB-E042	WIDEBAND RADIO COMMUNICA TION TESTER	R&S	CMW500	132108	2026-04-27	2027-04-26
3	HB-E043	MXG Anaio Signal Generator	Agilent	N5182A	US46240335	2026-04-28	2027-04-27
4	HB-E044	Signal& spectrum Analyzer	R&S	FSV3044	101264	2026-04-28	2027-04-27
5	HB-E045	RF Control Box	Noyetec	NY100-R FCB	N/A	2026-04-28	2027-04-27
6	HB-E058	Thermometer Clock Humidity Monitor	N/A	HTC-1S	N/A	2026-04-30	2027-04-29

Note: the calibration interval of the above test instruments is 12&24 months and the calibrations are traceable to international system unit (SI).

6 Test Item And Results

6.1 Antenna Requirement

6.1.1 Standard Requirement

15.203 requirement: For intentional device, according to 15.203: an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device

6.1.2 Test Result

The EUT antenna is FPC Antenna. It comply with the standard requirement. In case of replacement of broken antenna the same antenna type must be used.

6.2 Conducted Emission

6.2.1 Limits

Limits – Class B		
Frequency (MHz)	Limit (dBμV)	
	Quasi-Peak	Average
0.15 to 0.5	66 to 56*	56 to 46*
0.5 to 5	56	46
5 to 30	60	50

Note:

- the tighter limit applies at the band edges.
- the limit of "*" marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

6.2.2 Test Procedures

a) EUT Operating Conditions

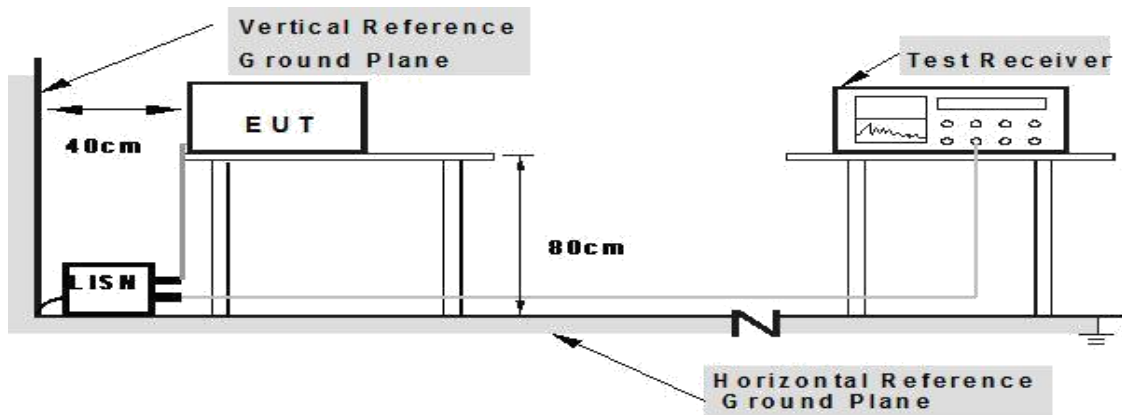
The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

b) The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

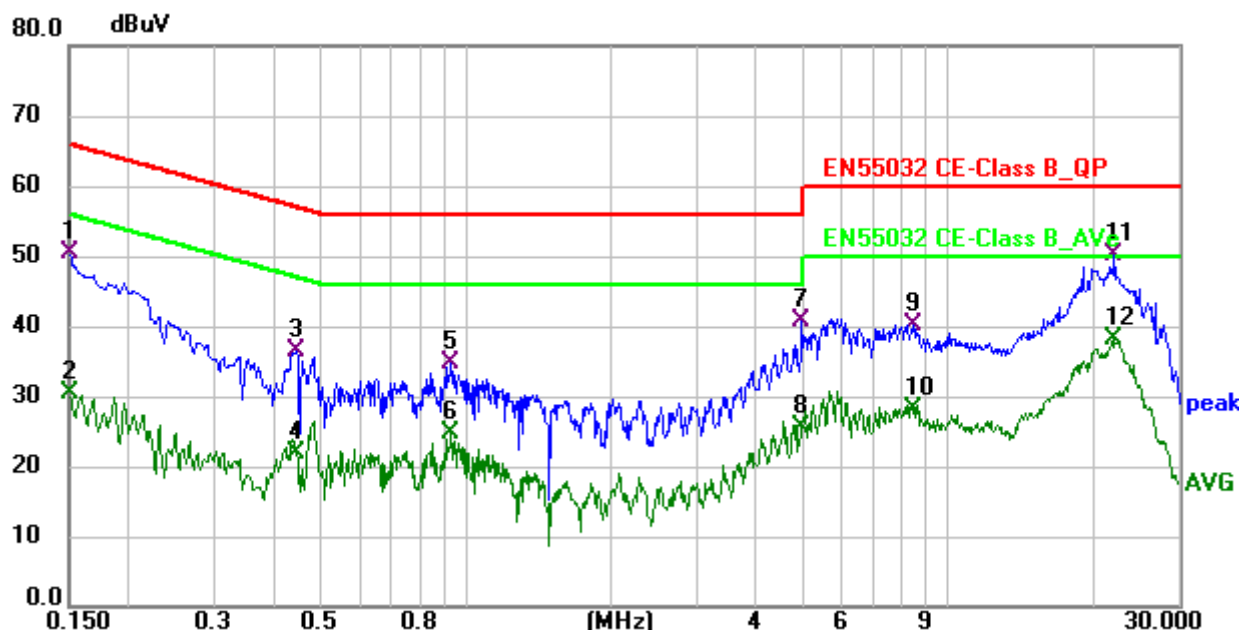
- The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- LISN is at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item – photographs of the test setup.

6.2.3 Test Setup



6.2.4 Test Result

EUT:	Baby Monitor	Model Name:	Baby 2Q
Test Mode:	Chaging + TX(925MHz)	Phase:	L
Test Voltage:	DC 5V from adapter AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1	0.150	39.72	10.64	50.36	66.00	-15.64	QP
2	0.150	19.74	10.64	30.38	56.00	-25.62	AVG
3	0.443	25.88	10.58	36.46	57.01	-20.55	QP
4	0.443	11.38	10.58	21.96	47.01	-25.05	AVG
5	0.928	24.00	10.59	34.59	56.00	-21.41	QP
6	0.928	14.23	10.59	24.82	46.00	-21.18	AVG
7	4.965	29.63	11.09	40.72	56.00	-15.28	QP
8	4.965	14.40	11.09	25.49	46.00	-20.51	AVG
9	8.430	28.44	11.62	40.06	60.00	-19.94	QP
10	8.430	16.66	11.62	28.28	50.00	-21.72	AVG
11 *	22.155	35.64	14.38	50.02	60.00	-9.98	QP
12	22.155	23.67	14.38	38.05	50.00	-11.95	AVG

EUT:	Baby Monitor	Model Name:	Baby 2Q
Test Mode:	Chaging + TX(925MHz)	Phase:	N
Test Voltage:	DC 5V from adapter AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector
1 *	0.162	40.32	10.65	50.97	65.36	-14.39	QP
2	0.162	19.99	10.65	30.64	55.36	-24.72	AVG
3	0.307	27.26	10.63	37.89	60.05	-22.16	QP
4	0.307	11.28	10.63	21.91	50.05	-28.14	AVG
5	0.933	23.19	10.64	33.83	56.00	-22.17	QP
6	0.933	10.75	10.64	21.39	46.00	-24.61	AVG
7	1.901	18.64	10.80	29.44	56.00	-26.56	QP
8	1.901	7.29	10.80	18.09	46.00	-27.91	AVG
9	5.496	31.67	11.18	42.85	60.00	-17.15	QP
10	5.496	15.08	11.18	26.26	50.00	-23.74	AVG
11	18.640	31.19	14.18	45.37	60.00	-14.63	QP
12	18.640	13.59	14.18	27.77	50.00	-22.23	AVG

6.3 Radiated Emission

6.3.1 Limits

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

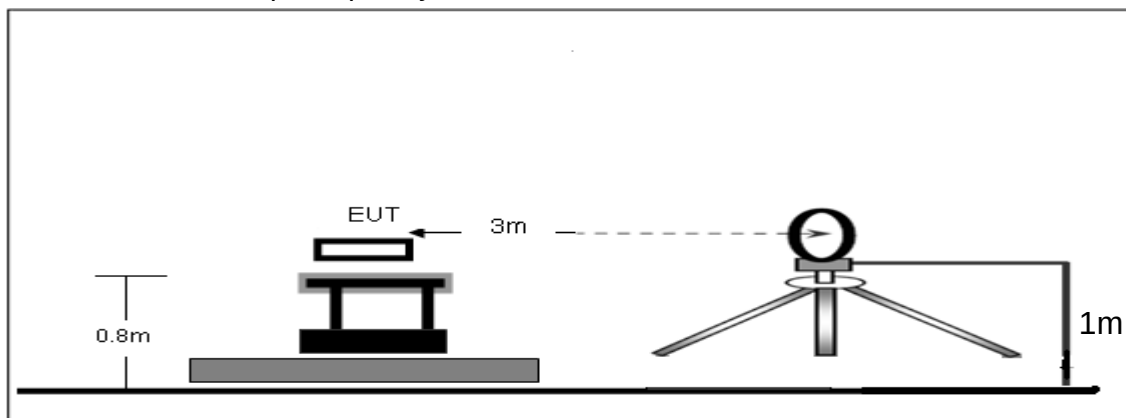
Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

6.3.2 Test Procedures

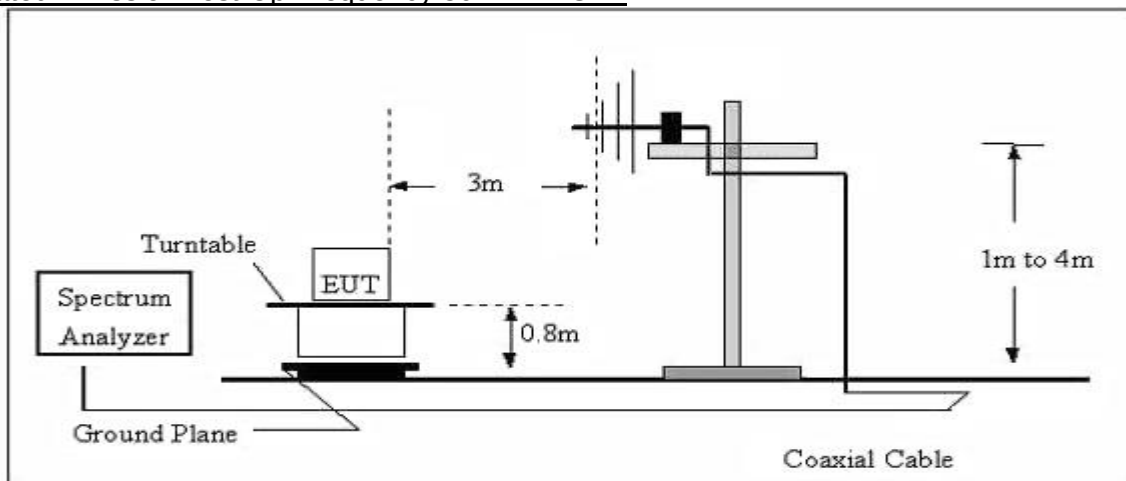
- The radiated emission tests were performed in the 3 meters.
- The EUT is placed on a turn table which is 0.8 meter above ground for below 1 GHz, and 1.5 m for above 1 GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
- The height of the test antenna shall vary between 1m to 4m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- If the peak mode measured value compliance with and lower than quasi peak mode limit, the EUT shall be deemed to meet QP limits and then no additional QP mode measurement performed.
- If the peak mode measured value compliance with and lower than average mode limit, the EUT shall be deemed to meet average limits and then no additional average mode measurement performed.
- For the actual test configuration, please refer to the related item – EUT test photos.

6.3.3 Test Setup

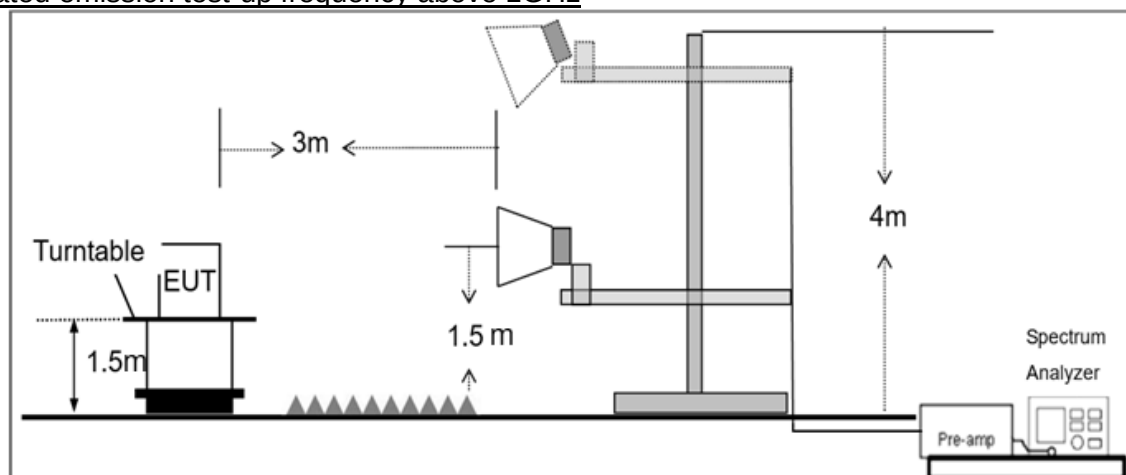
Radiated Emission Test-Up Frequency Below 30MHz



Radiated Emission Test-Up Frequency 30MHz~1GHz



Radiated emission test-up frequency above 1GHz



6.3.4 Test Result

Below 30MHz

EUT:	Baby Monitor	Model Name:	Baby 2Q
Pressure:	1010 hPa	Test Voltage:	DC 5V from adapter AC 120V/60Hz
Test Mode:	TX	Polarization:	--

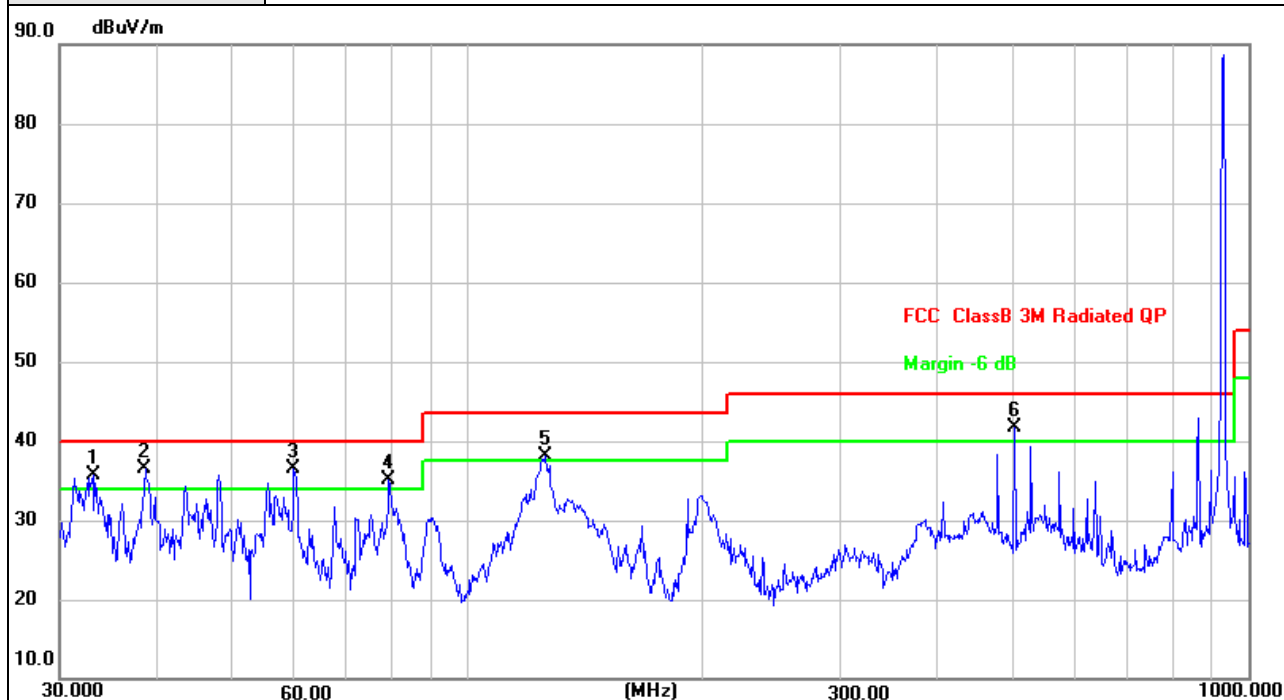
Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	Pass
--	--	--	--	Pass

Note:

1. For 9kHz-30MHz, the amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.
2. Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);
3. Limit line = specific limits (dBuV) + distance extrapolation factor.

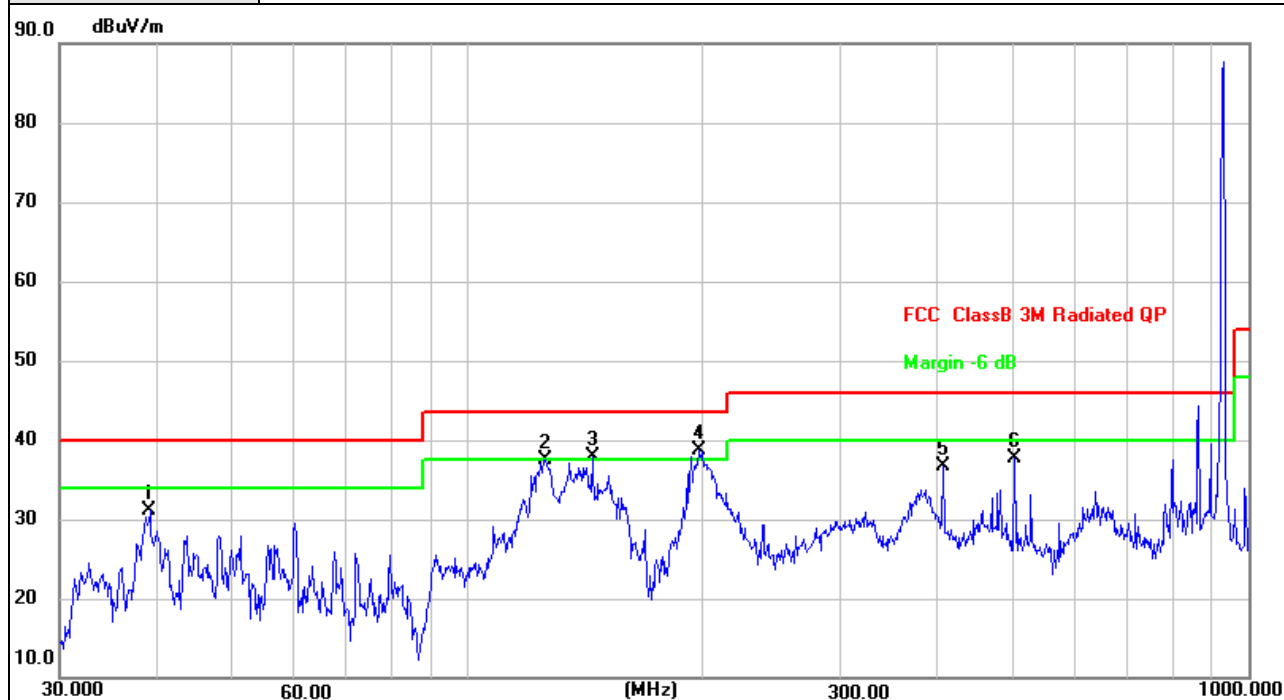
Frequency range (30MHz – 1GHz)

EUT:	Baby Monitor	Model Name:	Baby 2Q
Test Mode:	TX(925MHz)	Phase:	Vertical
Test Voltage:	DC 5V from adapter AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1 !	33.0949	51.59	-15.85	35.74	40.00	-4.26	QP
2 !	38.6160	51.60	-15.08	36.52	40.00	-3.48	QP
3 *	59.8588	52.31	-15.77	36.54	40.00	-3.46	QP
4 !	79.2425	53.85	-18.83	35.02	40.00	-4.98	QP
5 !	125.8863	53.62	-15.58	38.04	43.50	-5.46	QP
6 !	501.1789	50.69	-8.96	41.73	46.00	-4.27	QP

EUT:	Baby Monitor	Model Name:	Baby 2Q
Test Mode:	TX(925MHz)	Phase:	Horizontal
Test Voltage:	DC 5V from adapter AC 120V/60Hz		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
1	39.1613	46.11	-15.09	31.02	40.00	-8.98	QP
2 !	125.8863	53.15	-15.58	37.57	43.50	-5.93	QP
3 !	144.3346	52.27	-14.33	37.94	43.50	-5.56	QP
4 *	197.8926	56.42	-17.67	38.75	43.50	-4.75	QP
5	406.0880	47.33	-10.68	36.65	46.00	-9.35	QP
6	501.1789	46.67	-8.96	37.71	46.00	-8.29	QP

6.3.5 Spurious emission in band 1000MHz-25000MHz

All the modulation modes have been tested, and the worst result was report as below:

Frequency (MHz)	Reading Level (dBμV)	Factor (dB/m)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector Type	Comment
905MHz							
1810.000	57.62	-2.95	54.67	74	-19.33	Pk	Vertical
1810.000	52.42	-2.95	49.47	54	-4.53	AV	Vertical
1810.000	58.69	-2.95	55.74	74	-18.26	Pk	Horizontal
1810.000	53.12	-2.95	50.17	54	-3.83	AV	Horizontal
2715.000	57.69	-0.77	56.92	74	-17.08	Pk	Vertical
2715.000	51.36	-0.77	50.59	54	-3.41	AV	Vertical
2715.000	56.32	-0.77	55.55	74	-18.45	Pk	Horizontal
2715.000	50.32	-0.77	49.55	54	-4.45	AV	Horizontal
915MHz							
1830.000	56.36	-2.58	53.78	74	-20.22	Pk	Vertical
1830.000	51.46	-2.58	48.88	54	-5.12	AV	Vertical
1830.000	58.69	-2.58	56.11	74	-17.89	Pk	Horizontal
1830.000	52.14	-2.58	49.56	54	-4.44	AV	Horizontal
2745.000	56.33	-0.77	55.56	74	-18.44	Pk	Vertical
2745.000	50.12	-0.77	49.35	54	-4.65	AV	Vertical
2745.000	56.33	-0.77	55.56	74	-18.44	Pk	Horizontal
2745.000	50.14	-0.77	49.37	54	-4.63	AV	Horizontal
925MHz							
1850.000	57.96	-2.22	55.74	74	-18.26	Pk	Vertical
1850.000	51.63	-2.22	49.41	54	-4.59	AV	Vertical
1850.000	56.36	-2.22	54.14	74	-19.86	Pk	Horizontal
1850.000	51.43	-2.22	49.21	54	-4.79	AV	Horizontal
2775.000	58.56	-0.27	58.29	74	-15.71	Pk	Vertical
2775.000	50.23	-0.27	49.96	54	-4.04	AV	Vertical
2775.000	57.63	-0.27	57.36	74	-16.64	Pk	Horizontal
2775.000	50.33	-0.27	50.06	54	-3.94	AV	Horizontal

6.4 Peak Output Power

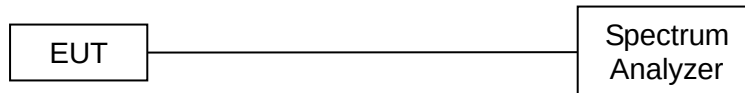
6.4.1 Limit

FCC Part15 Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
15.247(b)(3)	Peak output power	1 watt or 30dBm	2400-2483.5

6.4.2 Test Procedure

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Spectrum Setting:
RBW=2MHz, VBW=10MHz, Detector=Peak
- (3) The EUT was set to continuously transmitting in the max power during the test.

6.4.3 Test Setup

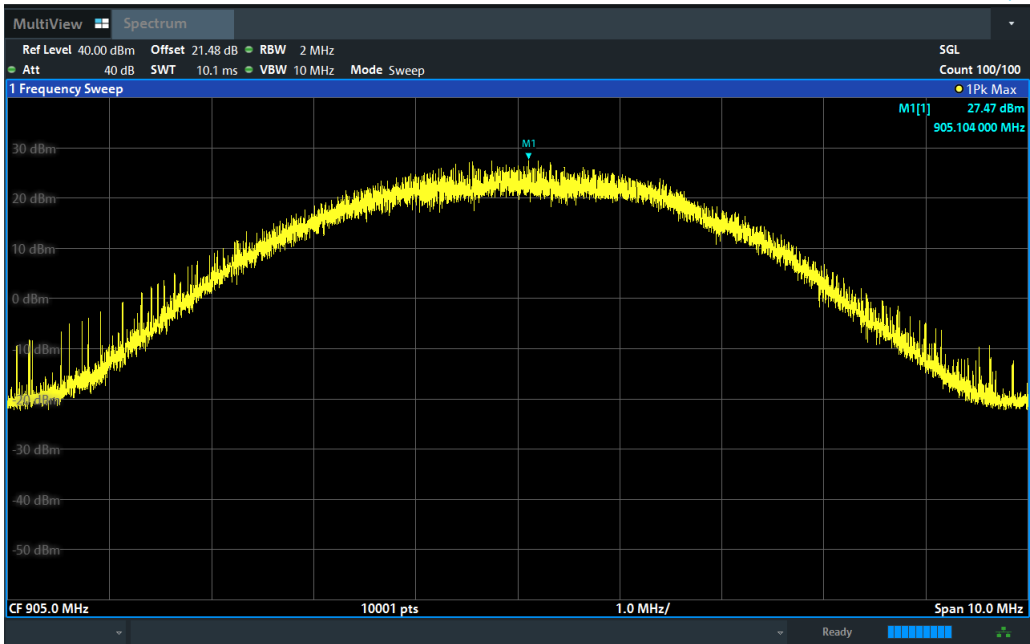


6.4.4 Test Results

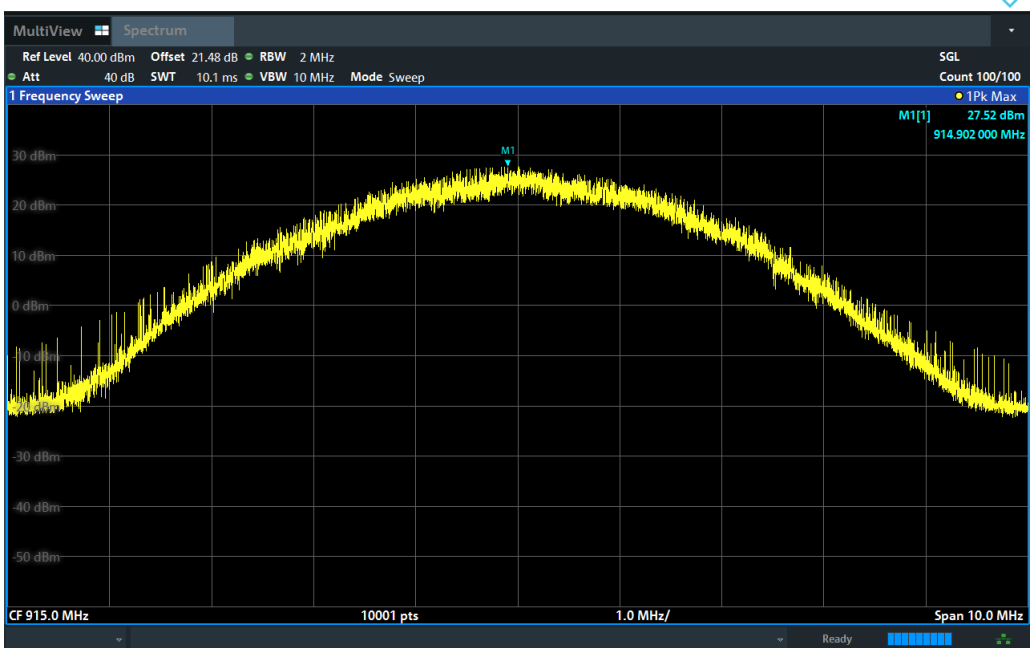
EUT:	Baby Monitor	Model Name:	Baby 2Q
Test Mode:	TX Mode(CH0,CH5,CH10)	Test Voltage:	DC 5V from adapter AC 120V/60Hz

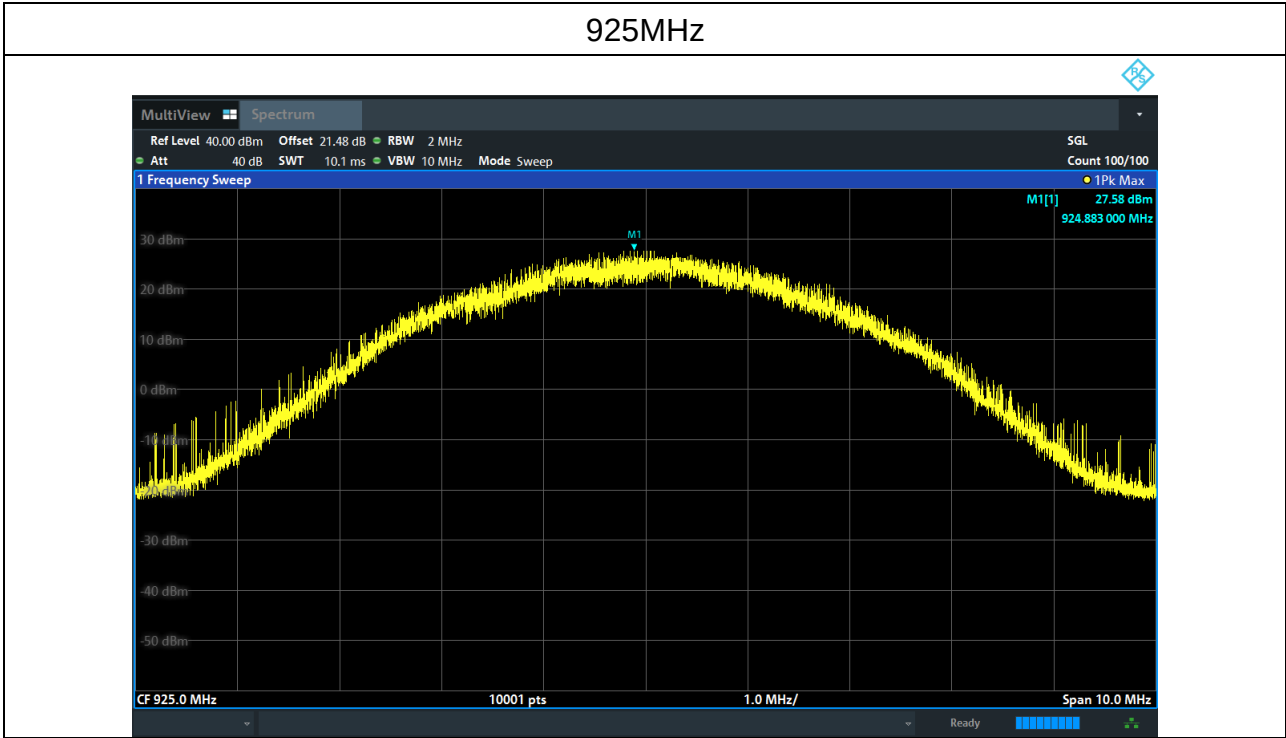
Test Channel	Frequency (MHz)	Maximum Peak Output Power(dBm)	Limit (dBm)
CH0	905	27.47	30
CH5	915	27.52	30
CH10	925	27.58	30

905MHz



915MHz





6.5 Power Spectral Density

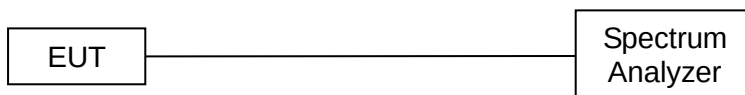
6.5.1 Limit

FCC Part15 (15.247) , Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
15.247	Power Spectral Density	8 dBm (in any 3kHz)	2400-2483.5

6.5.2 Test Procedure

1. Set analyzer center frequency to DTS channel center frequency.
2. Set the span to 1.5 times the DTS channel bandwidth.
3. Set the RBW ≥ 3 kHz.
4. Set the VBW $\geq 3 \times$ RBW.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level.
10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

6.5.3 Test Setup

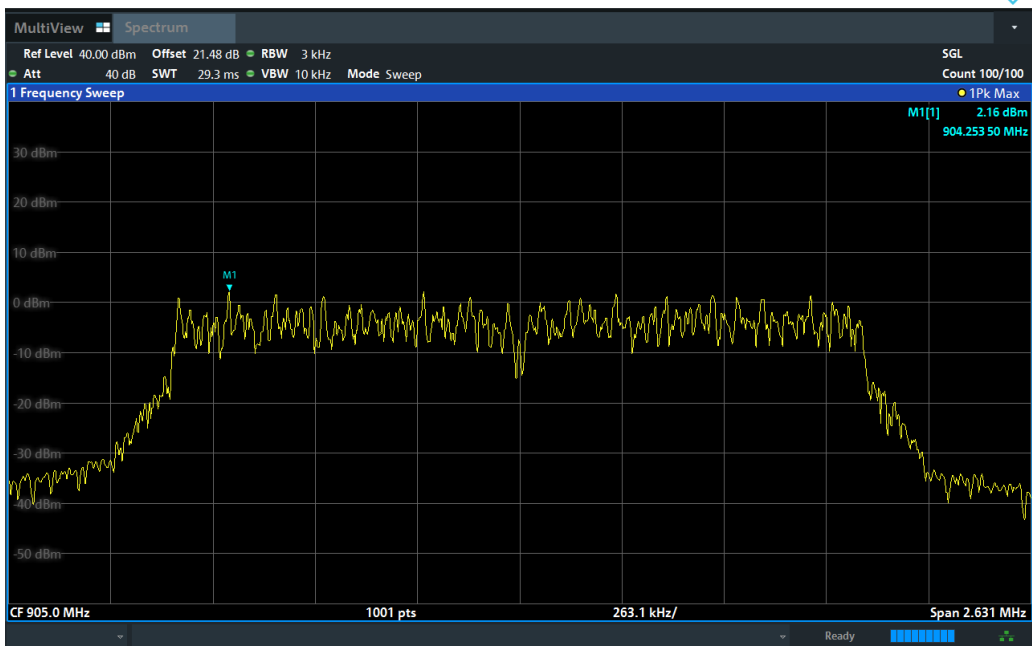


6.5.4 Test Results

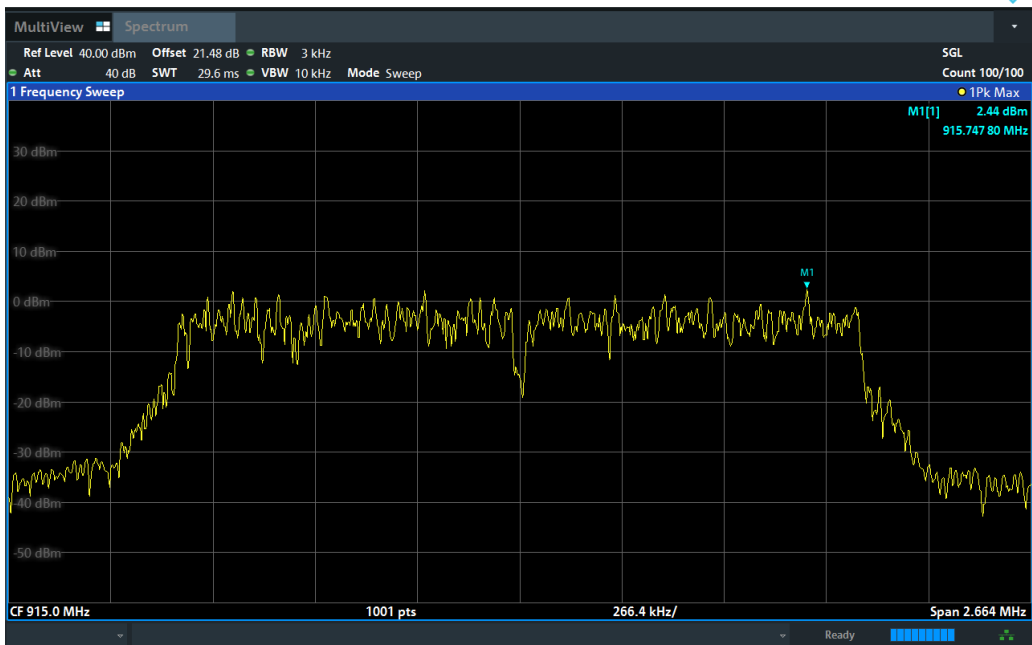
EUT:	Baby Monitor	Model Name:	Baby 2Q
Pressure:	1015 hPa	Test Voltage:	DC 5V from adapter AC 120V/60Hz
Test Mode:	TX Mode(CH0,CH5,CH10)		

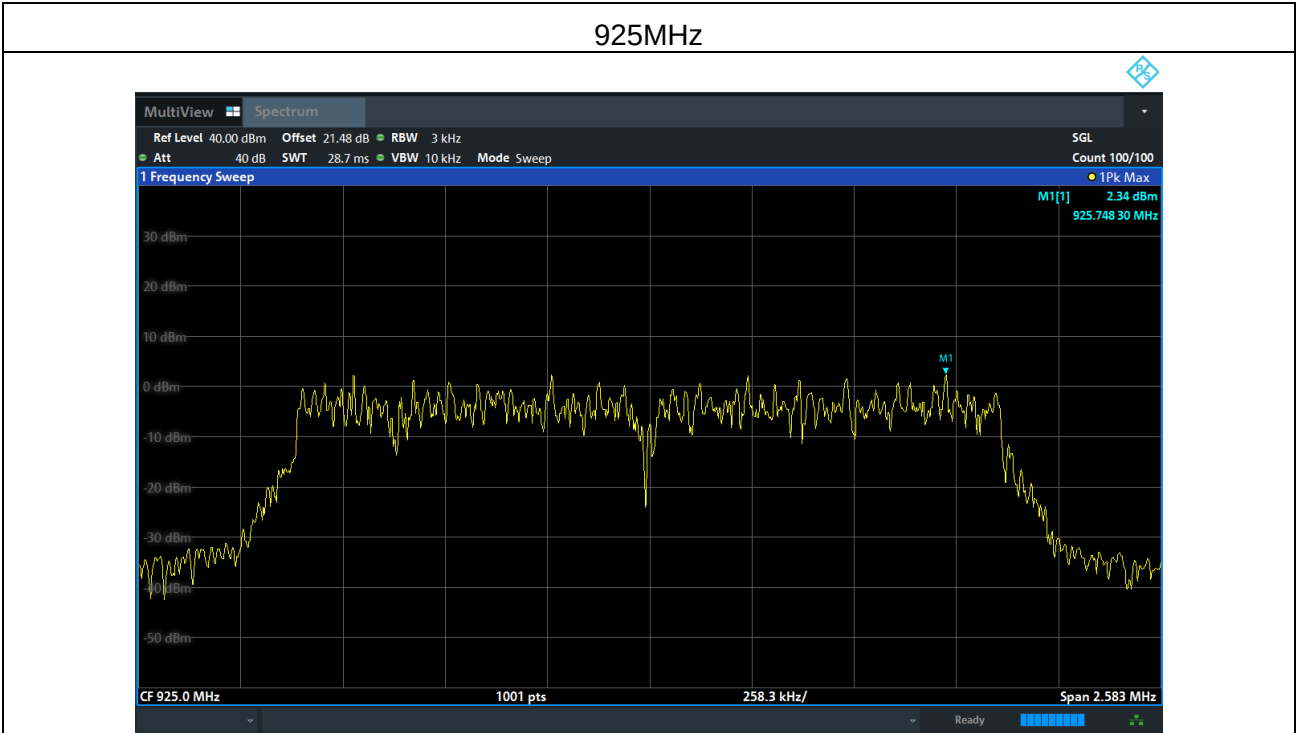
Frequency	Power Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
905 MHz	2.16	8	Pass
915 MHz	2.44	8	Pass
925 MHz	2.34	8	Pass

905MHz



915MHz





6.6 6dB Bandwidth

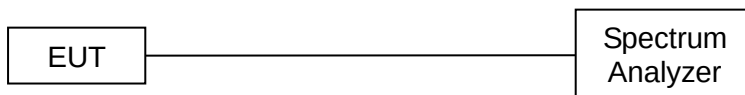
6.6.1 Limit

FCC Part15 (15.247) , Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
15.247(a)(2)	Bandwidth	$\geq 500\text{kHz}$ (6dB bandwidth)	2400-2483.5

6.6.2 Test Procedure

1. Set RBW= shall be in the range of 1% to 5% of the OBW but not less than 100 kHz.
2. Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = No faster than coupled (auto) time.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

6.6.3 Test Setup

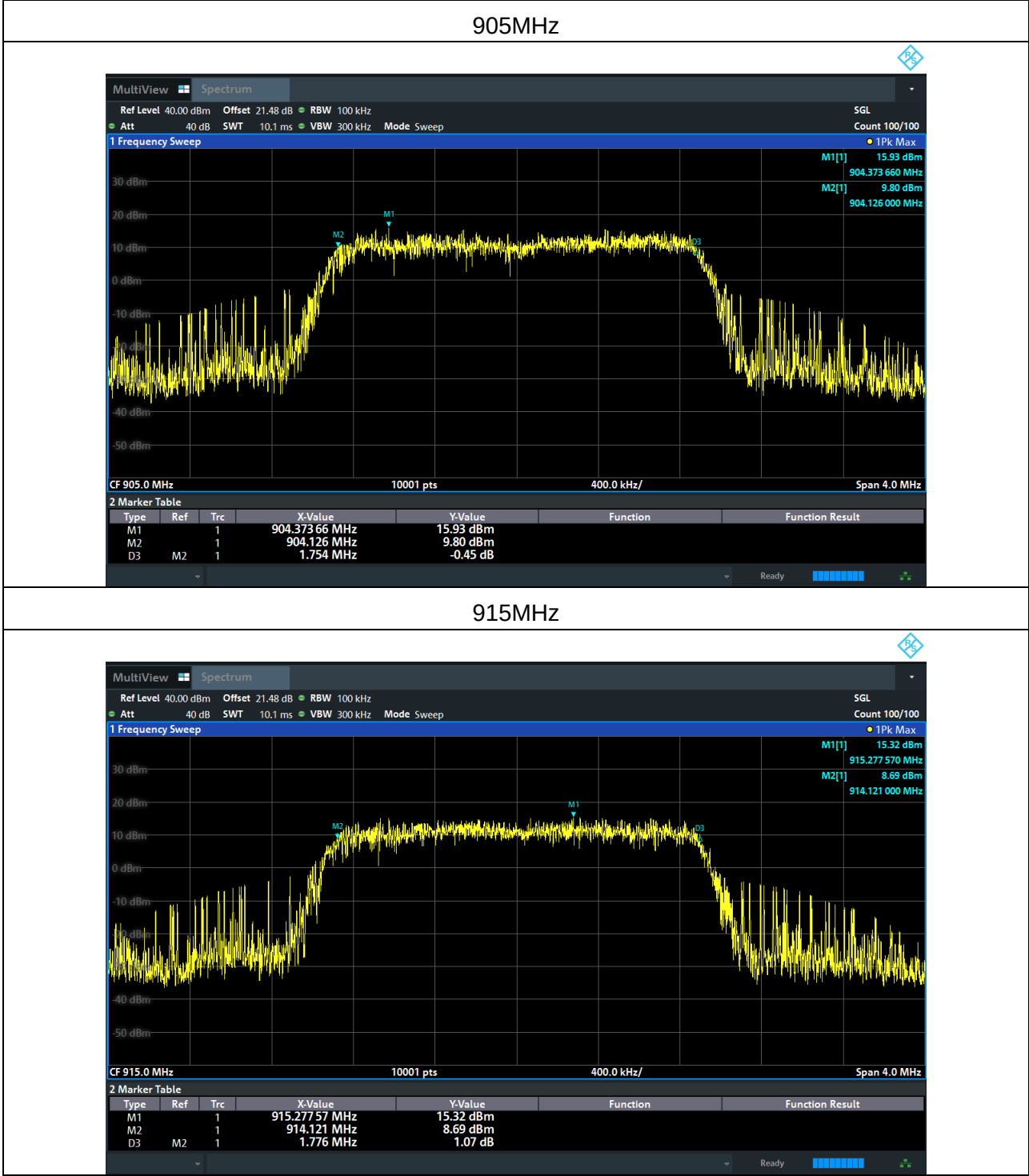


6.6.4 Test Results

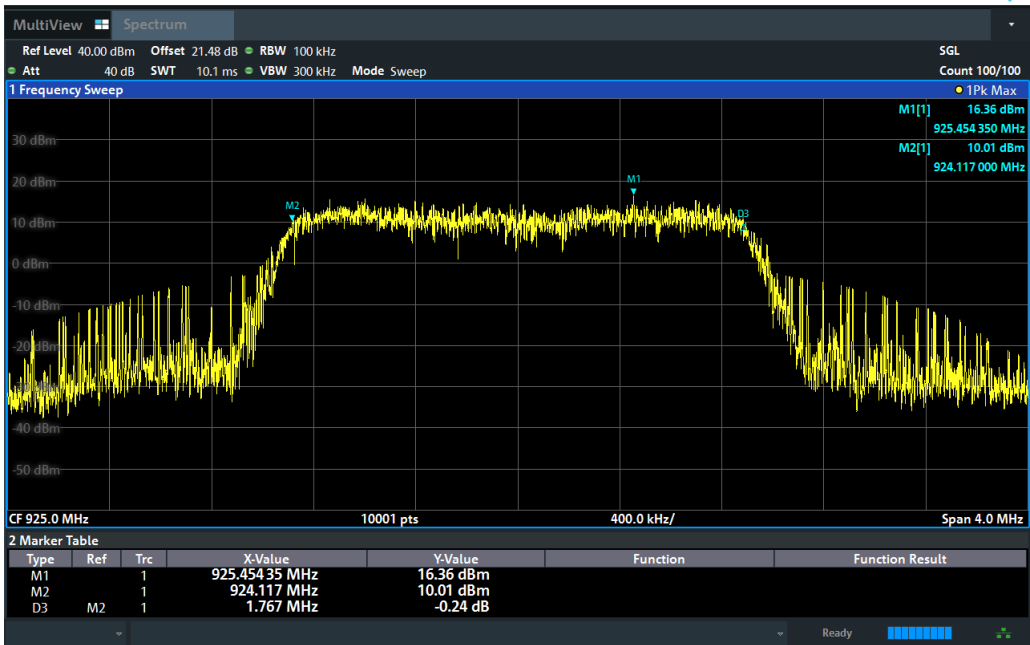
EUT:	Baby Monitor	Model Name:	Baby 2Q
Pressure:	1012 hPa	Test Voltage:	DC 5V from adapter AC 120V/60Hz
Test Mode:	TX Mode(CH0,CH5,CH10)		

Channel	Frequency (MHz)	6dB bandwidth (MHz)	Limit (MHz)	Result
CH0	905	1.754	0.5	Pass
CH5	915	1.776	0.5	Pass
CH10	925	1.767	0.5	Pass

Test plots



925MHz



6.7 Conducted Band Edge

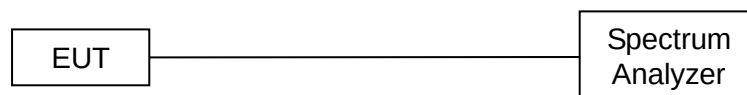
6.7.1 Limit

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 a radiated 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, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

6.7.2 Test Procedure

- a) Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- b) Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
- c) Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
- d) Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
- e) Repeat above procedures until all measured frequencies were complete.

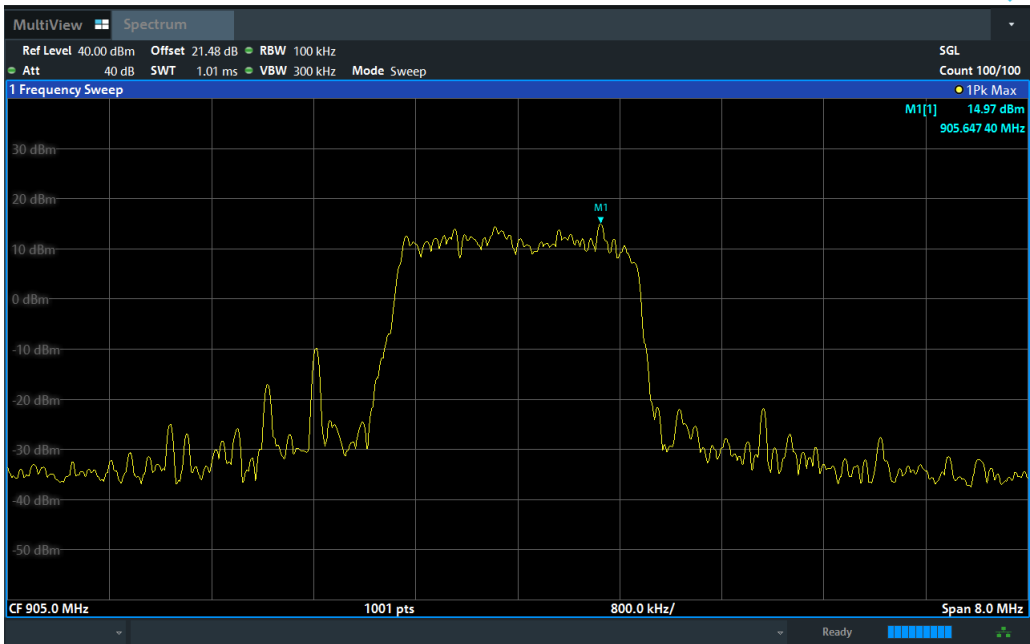
6.7.3 Test Setup



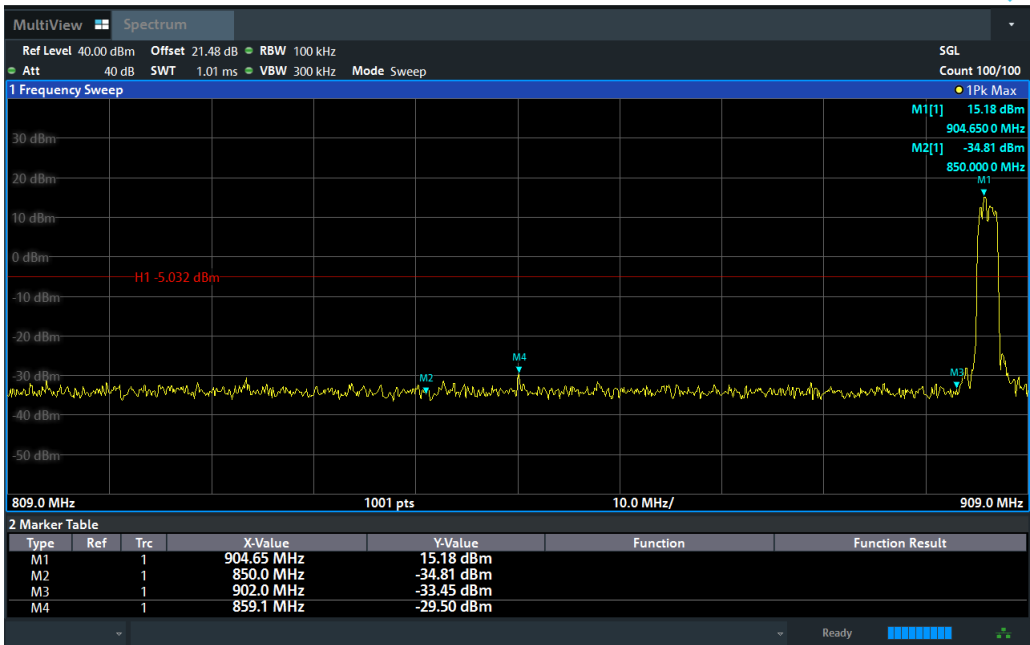
6.7.4 Test Results

EUT:	Baby Monitor	Model Name:	Baby 2Q
Pressure:	1012 hPa	Test Voltage:	DC 5V from adapter AC 120V/60Hz
Test Mode:	TX Mode (CH0, CH10)		

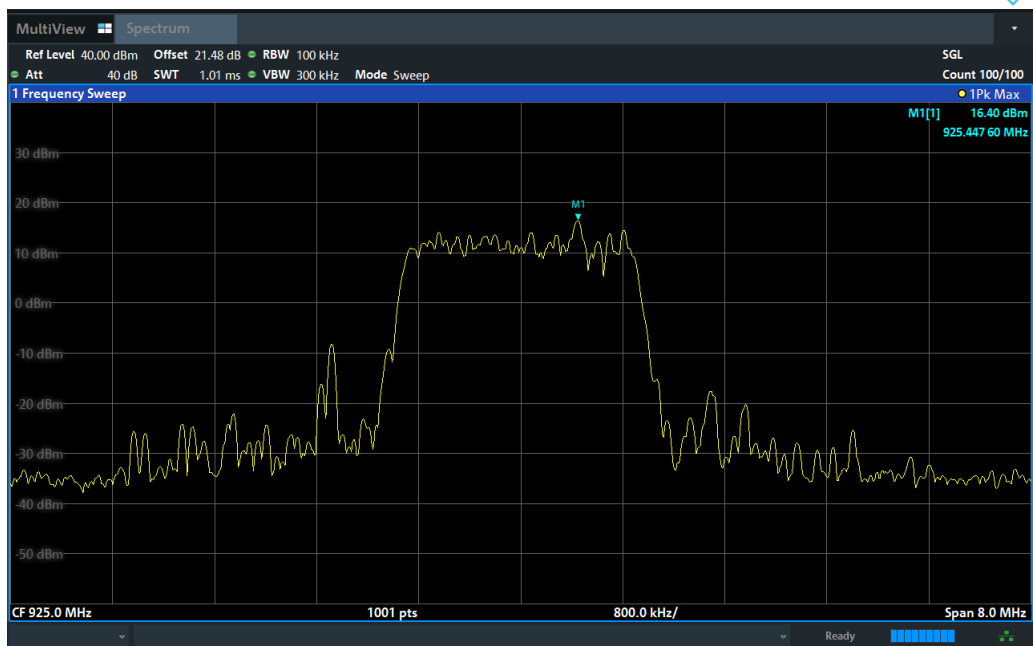
Band Edge 905MHz



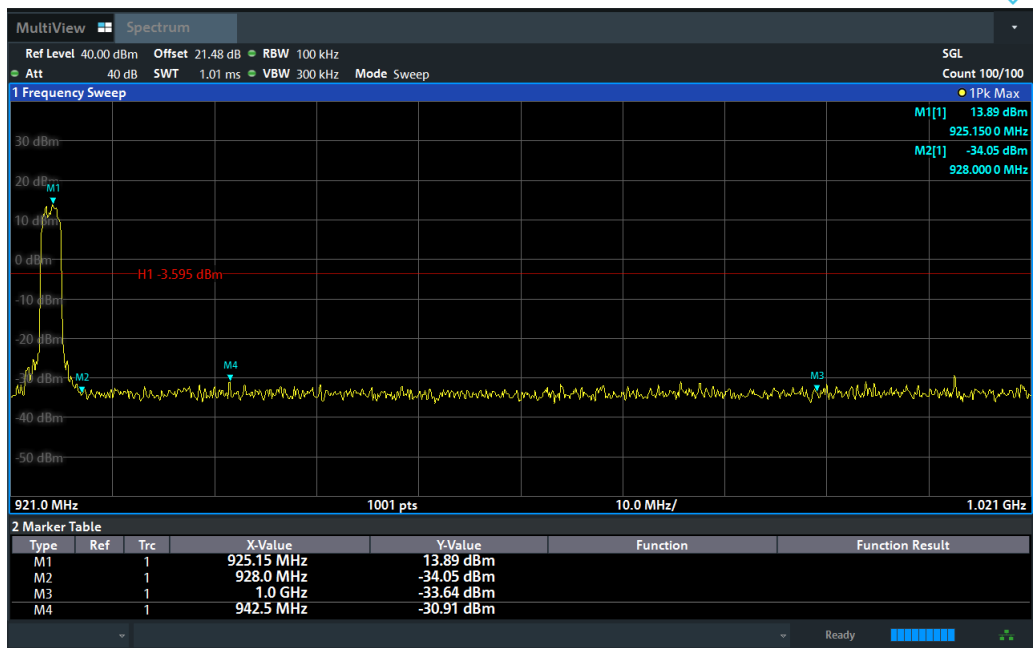
Band Edge 905MHz



Band Edge 925MHz



Band Edge 925MHz



6.8 Spurious RF Conducted Emissions

6.8.1 Limit

Below -20dB of the highest emission level in operating band.

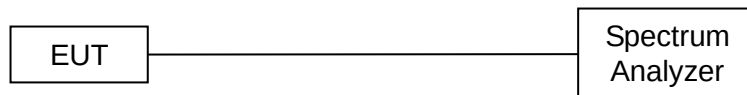
6.8.2 Measuring Instruments

The Measuring equipment is listed in the section 4 of this test report.

6.8.3 Test Procedure

The Spurious RF conducted emissions compliance of RF radiated emission should be measured by following the guidance in ANSI C63.10-2020 + Cor. 1-2023 + C63.10a-2024 + Errata to C63.10a-2024 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization etc. Set RBW=100kHz and VBW= 300kHz to measure the peak field strength, and measure frequency range from 9kHz to 26.5GHz.

6.8.4 Test Setup

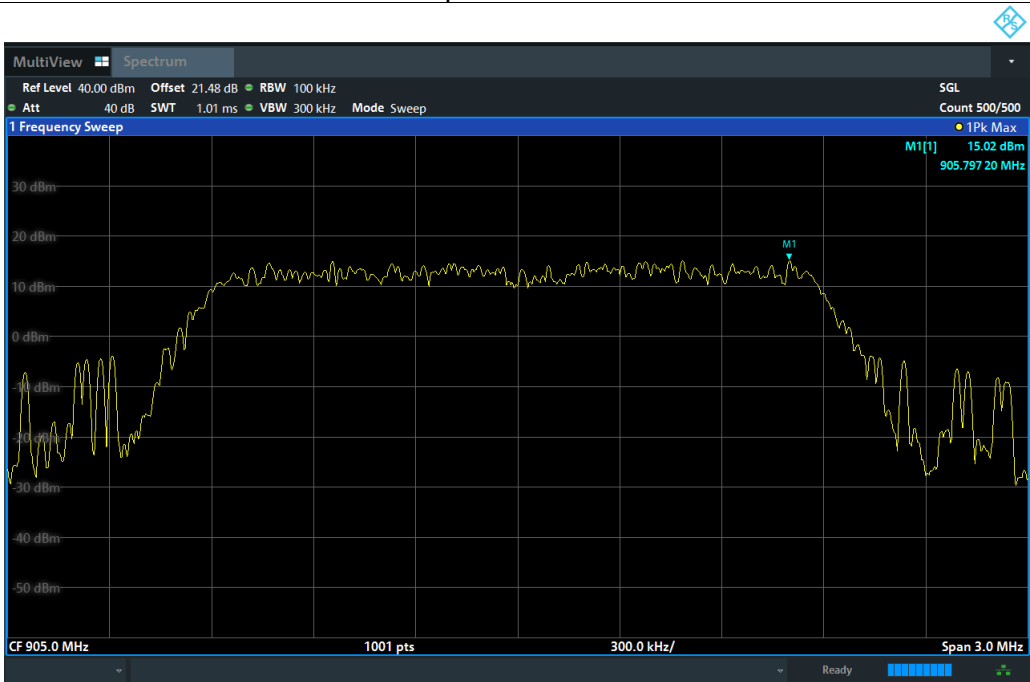


6.8.5 Test Results

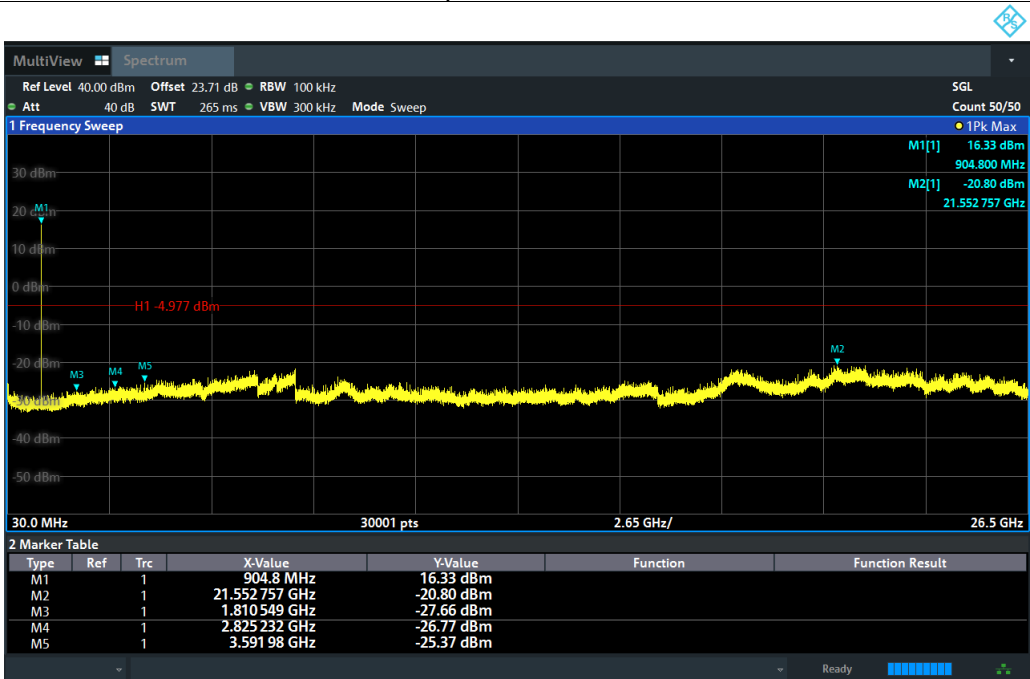
Note:

1: The measurement frequency range is from 9kHz to the 10th harmonic of the fundamental frequency. The lowest, middle and highest channels are tested to verify the spurious emissions and band edge measurement data.

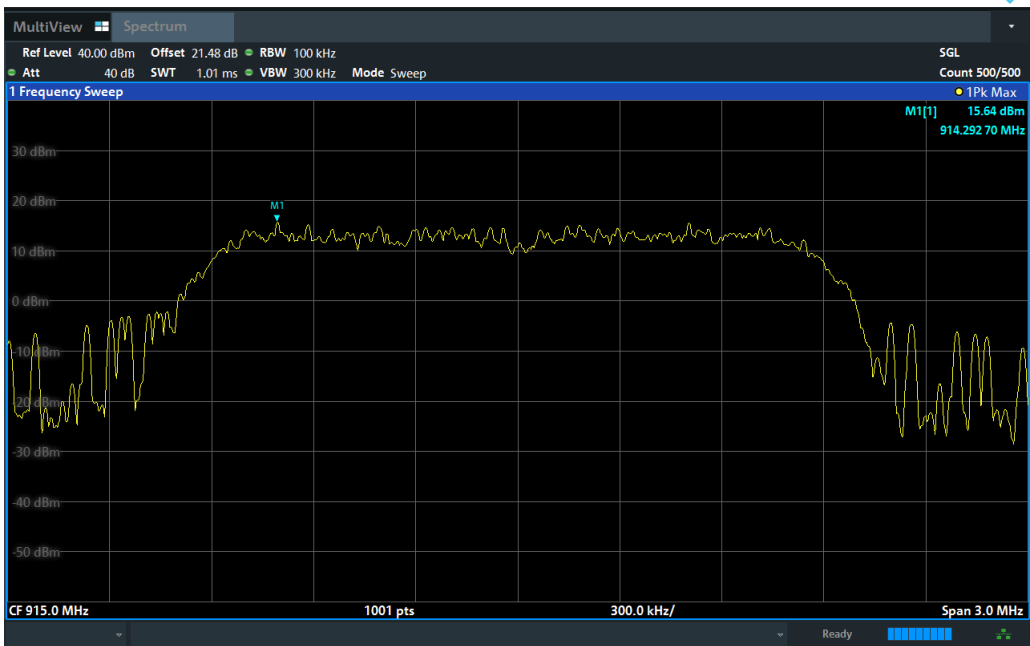
Test Graphs
Tx. Spurious 905MHz



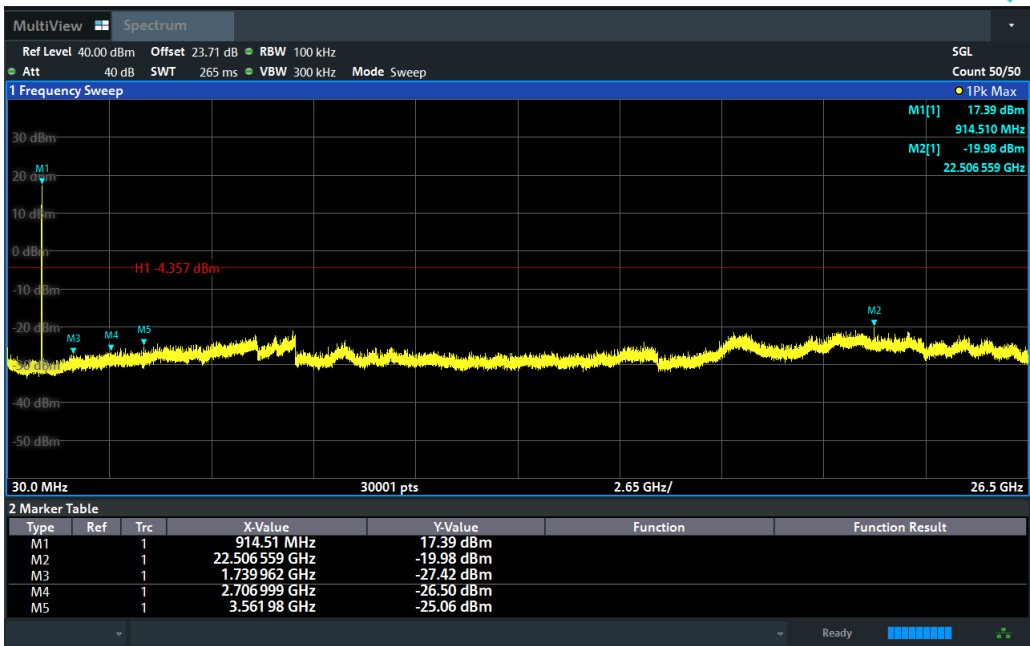
Tx. Spurious 905MHz



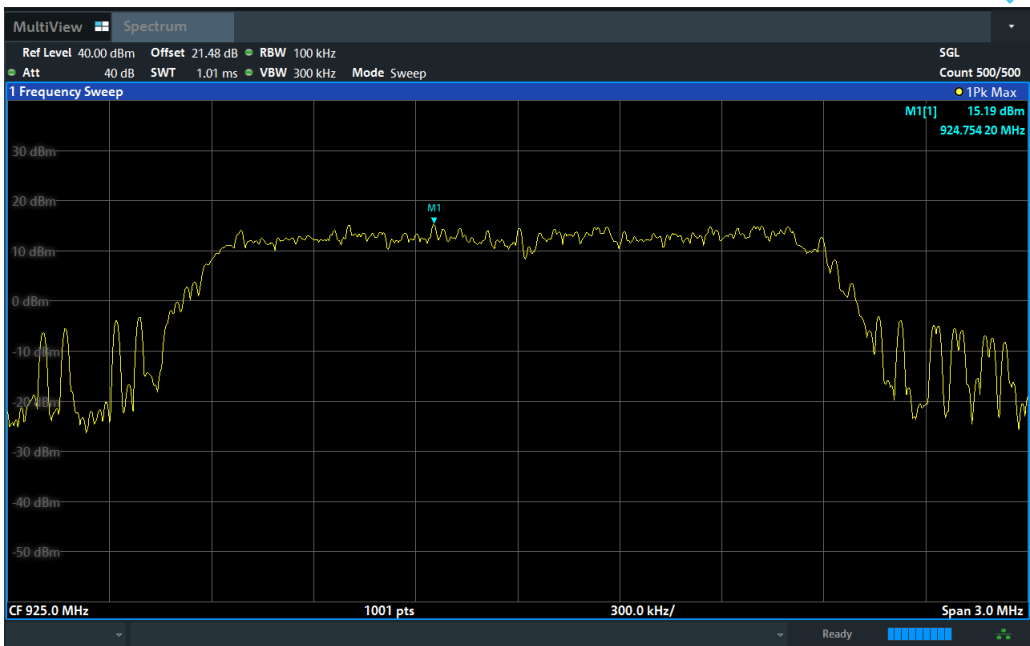
Tx. Spurious 915MHz



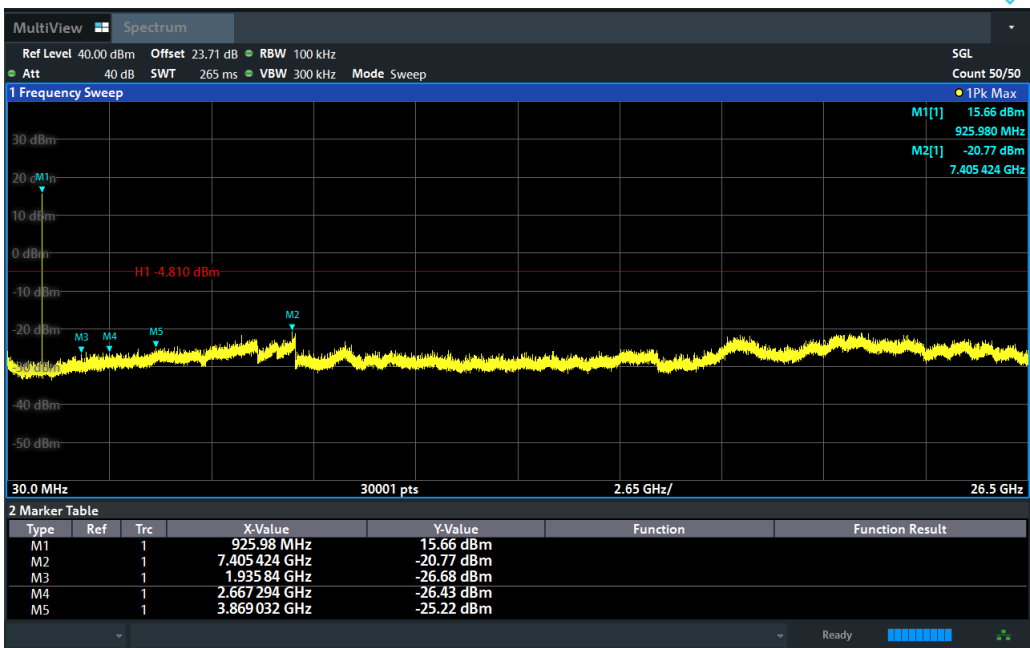
Tx. Spurious 915MHz



Tx. Spurious 925MHz

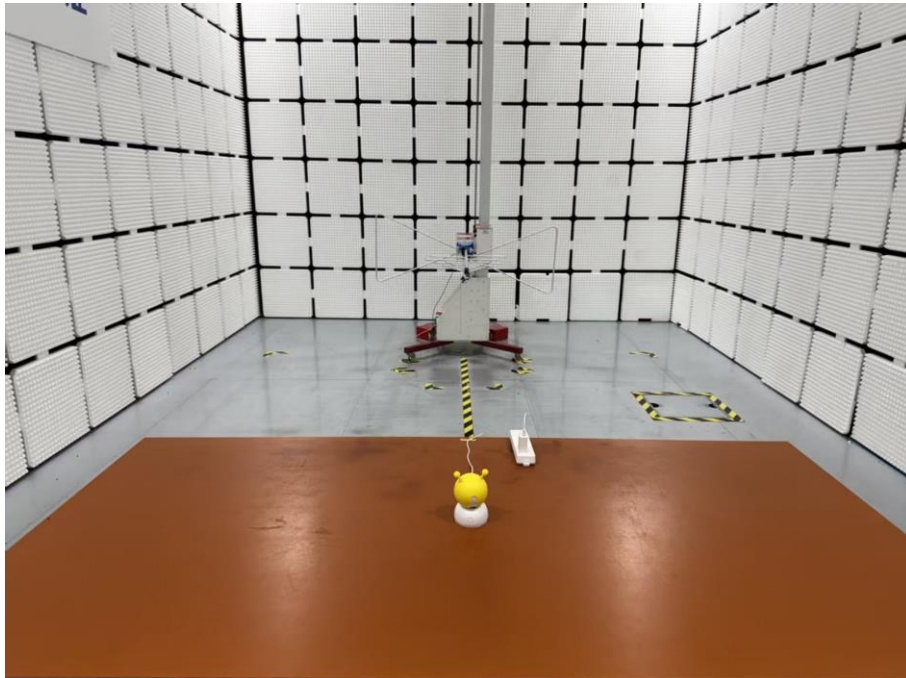


Tx. Spurious 925MHz



7 Photographs of the Test Setup

Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



Conducted emission



8 Photographs of the EUT

Please refer to report HB20260827006E-01 for product photos.

******* END OF REPORT *******