TEST REPORT

Applicant:	MOBILETRON ELECTRONICS CO., LTD.
Address:	85,Sec.4, Chung-Ching Rd.,Ta-Ya,Taichung City, Taiwan 428
Equipment Type:	TPMS sensor
Model Name:	TX-A001 (refer to section 2.3)
Brand Name:	MORE SENSOR
FCC ID:	ULZ-TXA001
ISED Number:	30249-TXA001
Test Standard:	47 CFR Part 15 Subpart C RSS-Gen Issue 5 RSS-210 Issue 10 (refer to section 3.1)
Sample Arrival Date:	Oct. 15, 2025
Test Date:	Oct. 18, 2025 - Nov. 13, 2025
Date of Issue:	Dec. 05, 2025

ISSUED BY:

Shanghai Tejet Communications Technology Co., Ltd. Testing Center

Prepared by: Chen Wenwen **Reviewed by:** Hai Su **Approved by:** Zhang Yanqing

(Laboratory Manager)

Chen wenwen Hai Su Zhang Yanqing

Revision History

Version	Issue Date	Revisions
Rev. 01	Dec. 05, 2025	Initial Issue

TABLE OF CONTENTS

1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Address	1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China

1.2 Test Location

Name	Shanghai Tejet Communications Technology Co., Ltd. Testing Center
Location	1-2/F., Building 1, No.222, Xuanlan Road, Xuanqiao, Pudong New District, Shanghai, China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1352. The laboratory has been listed by Industry Canada to perform electromagnetic emission measurements. The recognition numbers of test site are 29671.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	MOBILETRON ELECTRONICS CO., LTD.
Address	85, Sec.4, Chung-Ching Rd., Ta-Ya, Taichung City, Taiwan 428

2.2 Manufacturer Information

Manufacturer	MOBILETRON ELECTRONICS CO., LTD.
Address	5, Sec.4, Chung-Ching Rd., Ta-Ya, Taichung City, Taiwan 428

2.3 General Description for Equipment under Test (EUT)

EUT Name	TPMS sensor
Model Name Under Test	TX-A001
Series Model Name	TX-A001-1, TX-A001-BL, TX-A001-1BL, TX-A001-2BL, TX-A002, TX-A002-BL, TX-A101, TX-A102, TX-A003, TX-A003-1, TX-A004, TX-A003EU, TX-A003EU-1, TX-A004EU, WP002R-B, WP002A-B, WP003AB, TX-A105, TX-A105EU-1, TX-A106
Description of Model name differentiation	The differences among the series models only lie in the color of the casing, the style of the valve nozzle, and the position of the locking mechanism. The other electronic materials, antennas, and casing materials are all the same.
Sample Number	SC-HK25A0275-S02(conducted) SC-HK25A0275-S07(radiated)
Hardware Version	TX-V003/4 Rev.A
Software Version	882304
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	Other:315MHz,433.92MHz

The requirement for the following technical information of the EUT was tested in this report:

Modulation Type	ASK, FSK
Operating Frequency	433.92 MHz
Antenna Type	Loop Antenna
Antenna Gain	-10 dBi

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15, Subpart C	Intentional Radiators
2	ANSI C63.10-2020	American National Standard for Testing Unlicensed Wireless Devices
3	RSS-Gen Issue 5	General Requirements for Compliance of Radio Apparatus
4	RSS-210 Issue 10	Licence-Exempt Radio Apparatus: Category I Equipment
5	ANSI C63.10-2020+Cor1-2023+C63.10a-2024	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	ISED Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-Gen 6.8	--	Pass[Note1]
2	Conducted Emission	15.207	RSS-Gen 8.8	ANNEX A.1	N/A[Note2]
3	20 dB Bandwidth	15.231(c)	RSS-Gen 6.7	ANNEX A.2	Pass
4	Duty Cycle	15.35	--	ANNEX A.3	Pass
5	Field Strength of Fundamental Emissions	15.231(b)	RSS-210 8.9	ANNEX A.4	Pass
6	Radiated Emissions	15.209 15.231(b)	RSS-Gen 8.9	ANNEX A.5	Pass
7	Transmitting Time	15.231(a)	--	ANNEX A.6	Pass
Note 1: Please refer to section 5.1 Note 2: The EUT is powered by battery.					

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

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

Relative Humidity	50% to 56%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.1℃ to +24.2℃
Working Voltage of the EUT	NV (Normal Voltage)	3.0 V

4.2 Test Equipment List

Description	Manufacturer	Model	Equipment No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	BH-EMC-L066	2025.02.12	2026.02.11
Spectrum Analyzer	KEYSIGHT	N9010B	BH-EMC-L099	2025.02.12	2026.02.11
Signal Generator	Anritsu	MG3710E	BH-EMC-L131	2025.02.12	2026.02.11
Wideband Radio Communication Tester	R&S	CMW500	BH-EMC-L094	2025.02.11	2026.02.10
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L015	2025.07.04	2026.07.03
Test Antenna-Loop(9 kHz-30 MHz)	SCHWARZBECK	FMZB 1519 B	BH-EMC-L067	2024.03.11	2027.03.10
Test Antenna-Bi-Log(30 MHz-3 GHz)	SCHWARZBECK	VULB 9163	BH-EMC-L008	2024.03.11	2027.03.10
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	BH-EMC-L044	2024.03.11	2027.03.10
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400-KF	BH-EMC-L061	2024.03.11	2027.03.10
Anechoic Chamber	YiHeng	9m*6m*6m	BH-EMC-L001	2024.04.18	2027.04.17
EMI Receiver	KEYSIGHT	N9038A	BH-EMC-L127	2025.02.12	2026.02.11
LISN	SCHWARZBECK	NSLK 8127	BH-EMC-L011	2025.02.11	2026.02.10
10dB Limiter	SCHWARZBECK	VTSD 9561-F	BH-EMC-L014	2025.02.11	2026.02.10
Shielded Room	YiHeng	5m*4m*3.2m	BH-EMC-L006	2024.02.22	2027.02.21
Spectrum Analyzer	KEYSIGHT	N9020A	BH-EMC-L066	2025.02.12	2026.02.11

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable Test Setup
BL410R	BALUN	V2.1.1.496	N/A	The section 4.6.1
BL410E	BALUN	V21.919	N/A	The section 4.6.1&4.6.2&4.6.3&4.6.4

4.4 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

Parameters	Uncertainty
Occupied Channel Bandwidth	2.4 %
RF output power, conducted	0.41 dB
Power Spectral Density, conducted	1.73 dB
Unwanted Emissions, conducted	1.73 dB
All emissions, radiated	3.70 dB
Temperature	0.82 °C
Humidity	4.1 %

4.5 Decision Rule

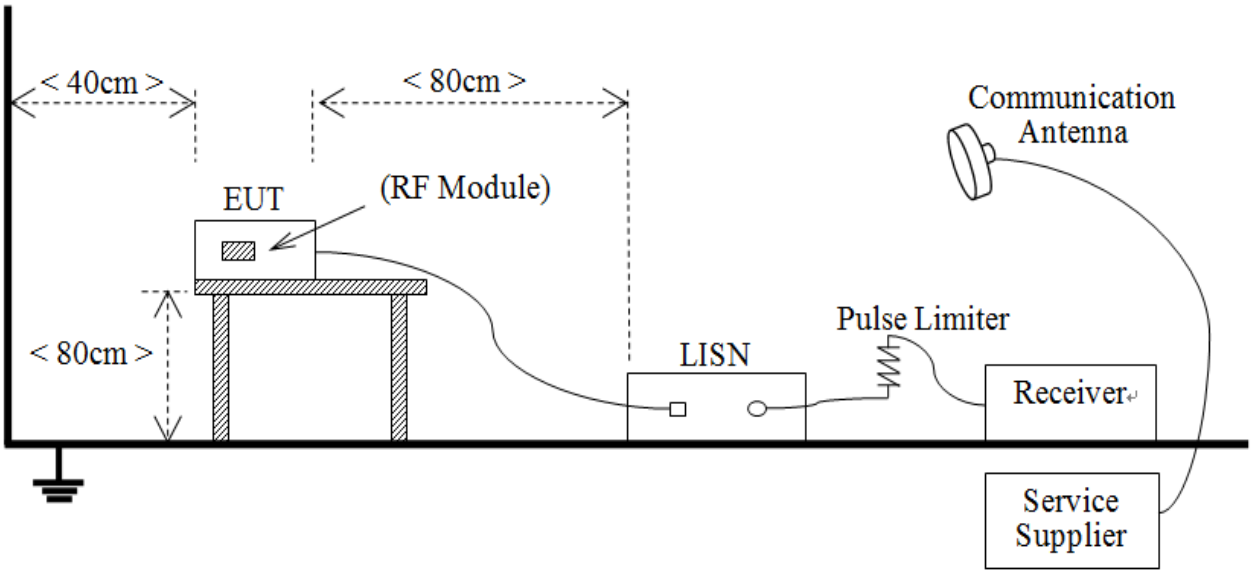
☐ No Need

☒ Use General conformity decision rule (Consider uncertainty or not ☒No ☐Yes)

☐ Use Special Conformity Decision Rule (Consider uncertainty or not ☐No ☐Yes)

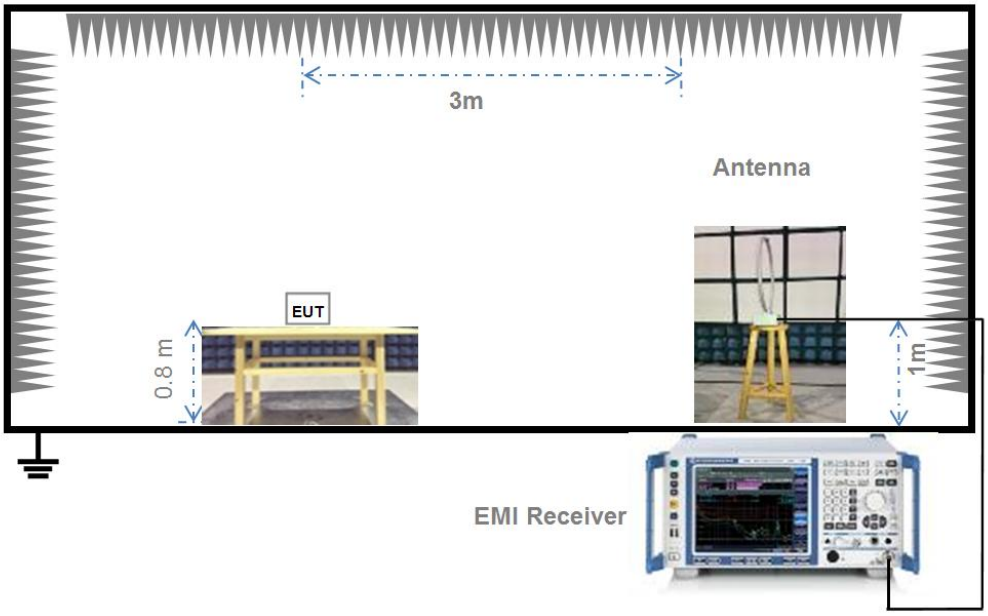
4.6 Description of Test Setup

4.6.1 For AC Power Supply Port Test



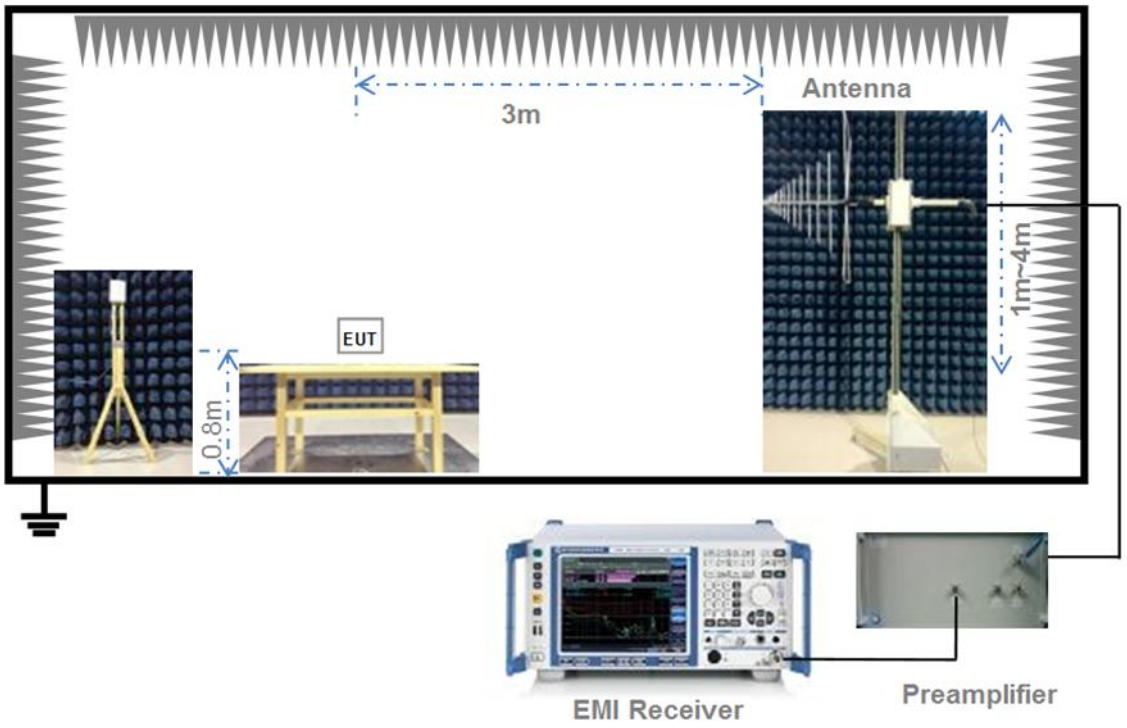
(Diagram 2)

4.6.2 For Radiated Test (Below 30 MHz)



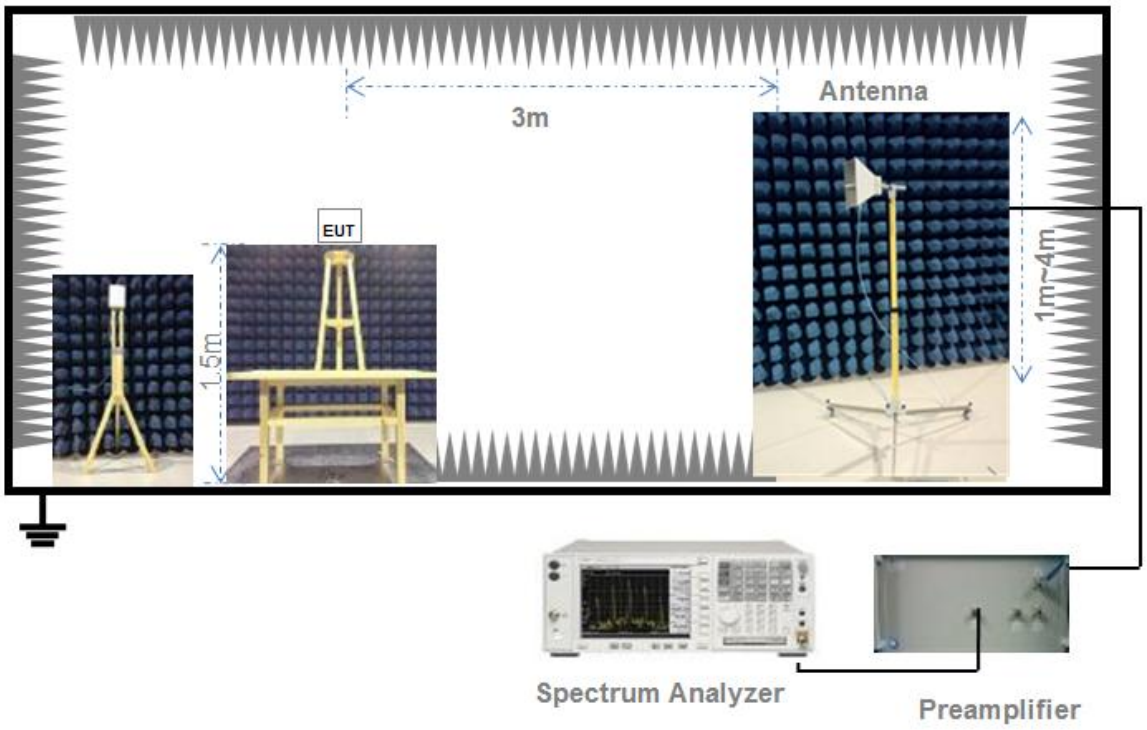
(Diagram 3)

4.6.3 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.6.4 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 Antenna Requirements

5.1.1 Relevant Standards

FCC §15.203 & 15.247(b); RSS -Gen 6.8

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. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, § 15.213, § 15.217, § 15.219, or § 15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

If directional gain of transmitting antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

5.1.2 Antenna Anti-Replacement Construction

The Antenna Anti-Replacement as following method:

Protected Method	Description
The antenna is embedded in the product.	An embedded-in antenna design is used.

Reference Documents	Item
Photo	Please refer to the EUT Photo documents.

5.1.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

5.2 Conducted Emission

5.2.1 Limit

FCC §15.207; RSS-Gen 8.8

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
5 - 30	60	50

5.2.2 Test Setup

See section 4.4.1 for test setup description for the AC power supply port. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.
Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 50/60 Hz and 240 VAC, 50/60 Hz) for which the device is capable of operation. A device rated for 50/60 Hz operation need not be tested at both frequencies provided the radiated and line conducted emissions are the same at both frequencies.

5.2.4 Test Result

Please refer to ANNEX A.1.

5.3 20 dB Bandwidth

5.3.1 Limit

FCC §15.231; RSS-Gen 6.7

The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.

5.3.2 Test Setup

See section 4.4.3 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

Use the following spectrum analyzer settings:

Span = two times and five times the OBW

RBW = 1% to 5% of the OBW

VBW ≥ three times RBW

Sweep = auto

Detector function = peak

Trace = max hold

5.3.4 Test Result

Please refer to ANNEX A.2.

5.4 Field Strength of Fundamental Emissions and Radiated Emissions

5.4.1 Limit

FCC §15.231 & §15.209; RSS-210 8.9

According to FCC section 15.231(b), In addition to the provisions of §15.205, the field strength of emissions from intentional radiators operated under this section shall not exceed the following:

Fundamental frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emissions (microvolts/meter)
40.66-40.70	2250	225
70-130	1250	125
130-174	[1]1250 to 3750	125 to 375
174-260	3750	375
260-470	[1]3750 to 12500	375 to 1250
Above 470	12500	1250
[1]Linear interpolations.		

Except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength (μV/m)
0.009 - 0.490	2400/F(kHz)
0.490 - 1.705	24000/F(kHz)
1.705 - 30.0	30
30 - 88	100
88 - 216	150
216 - 960	200
Above 960	500

Note:

1. For Above 1000 MHz, the emission limit in this paragraph is based on measurement instrumentation employing an average detector, measurement using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.

2. For above 1000 MHz, limit field strength of harmonics: 54dBuV/m@3m (AV) and 74dBuV/m@3m (PK).

5.4.2 Test Setup

See section 4.4.2 to 4.4.4 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented. The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:
Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

5.4.4 Test Result

Please refer to ANNEX A.4 & A.5.

5.5 Transmitting Time

5.5.1 Limit

FCC §15.231
(1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

(2) A transmitter activated automatically shall cease transmission within 5 seconds after activation.

5.5.2 Test Setup

See section 4.4.3 for test setup description for the antenna port. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

The EUT transmitter was activated, the spectrum analyzer single sweep was triggered while a command on the EUT was activated and plots were captured

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 Conducted Emissions

Note: Not applicable.

A.2 20 dB Bandwidth

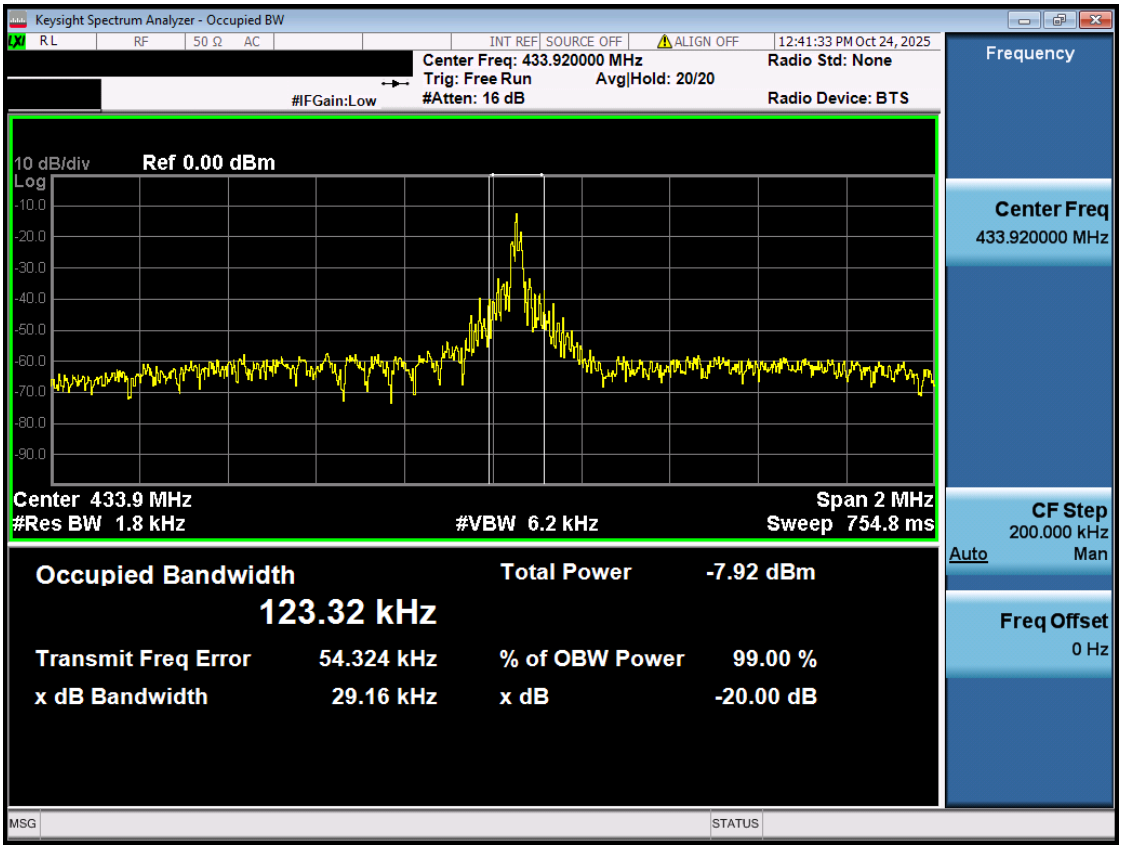
Test Data

ASK mode

Frequency (MHz)	20 dB Bandwidth (kHz)	99% Bandwidth (kHz)	Limit (kHz)	Verdict
433.92	29.16	123.32	1084.8	Pass

Test plots

20 dB Bandwidth

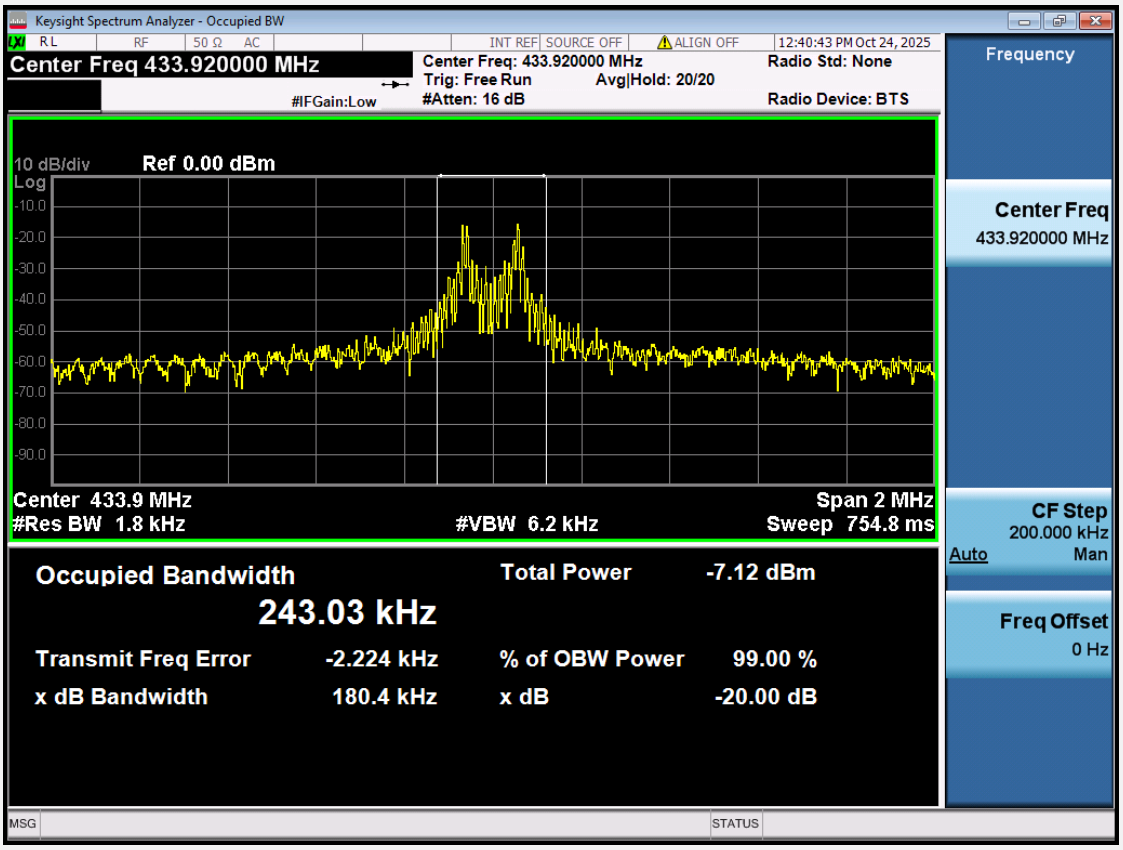


FSK mode

Frequency (MHz)	20 dB Bandwidth (kHz)	99% Bandwidth (kHz)	Limit (kHz)	Verdict
433.92	180.40	243.03	1084.8	Pass

Test plots

20 dB Bandwidth



A.3 Duty cycle

Test Data and Plot

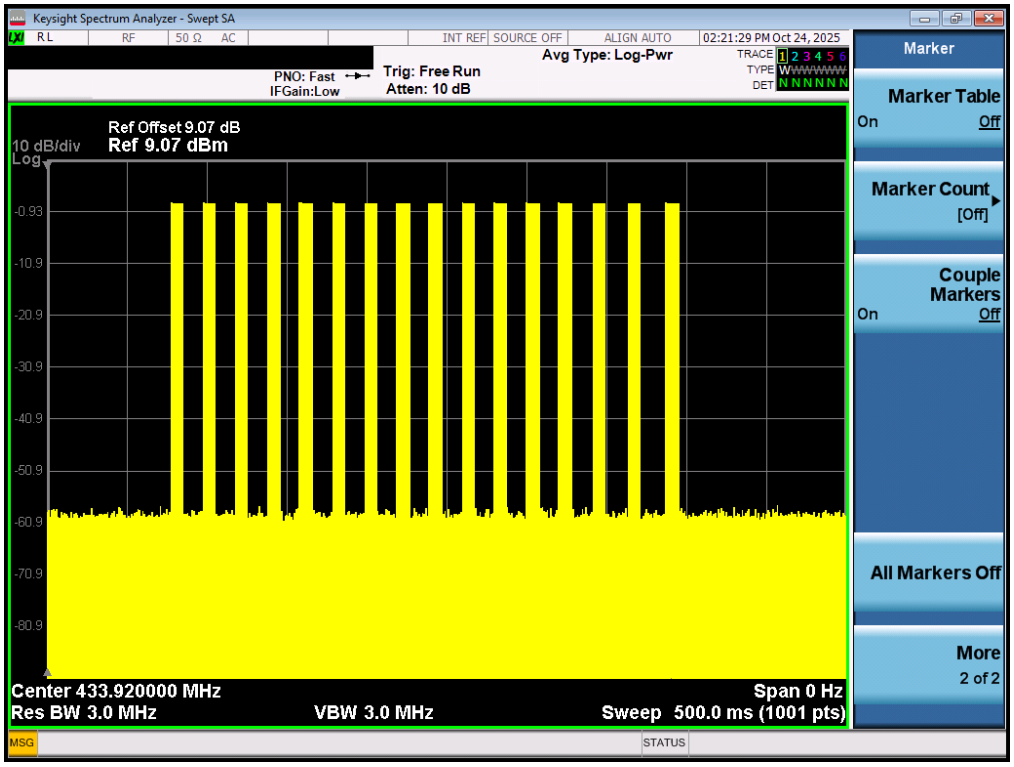
ASK mode

Data Transmissions		Number of pulses
The number of pulses Group		1
Long pulse duration	7.7 ms	12
Short pulse duration	7.0 ms	4
Total transmissions duration	7.7*12+7*4=120.4 ms	
On time within 700 msec	1*120.4=120.4 ms	
Duty cycle correction factor	20*log(120.4/700)=-15.28943 dB	

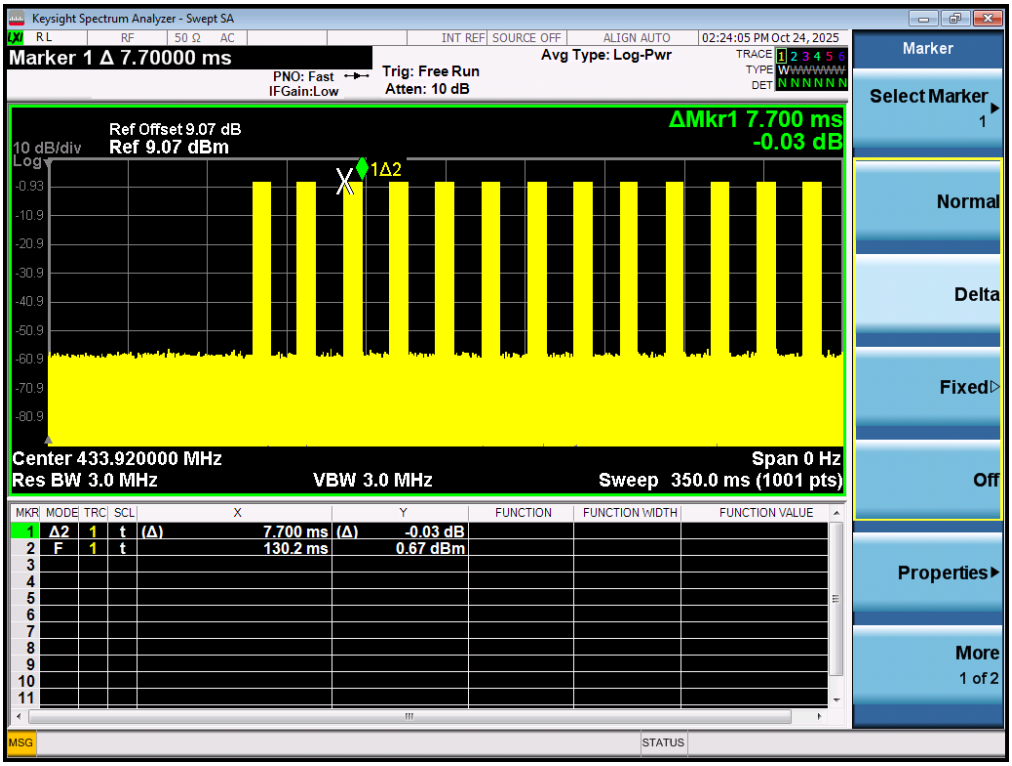
Therefore, the average factor is found by 20log(Duty cycle) =-15.28943 dB, AV factor=-15.28943 dB

Number of Packet/700 ms

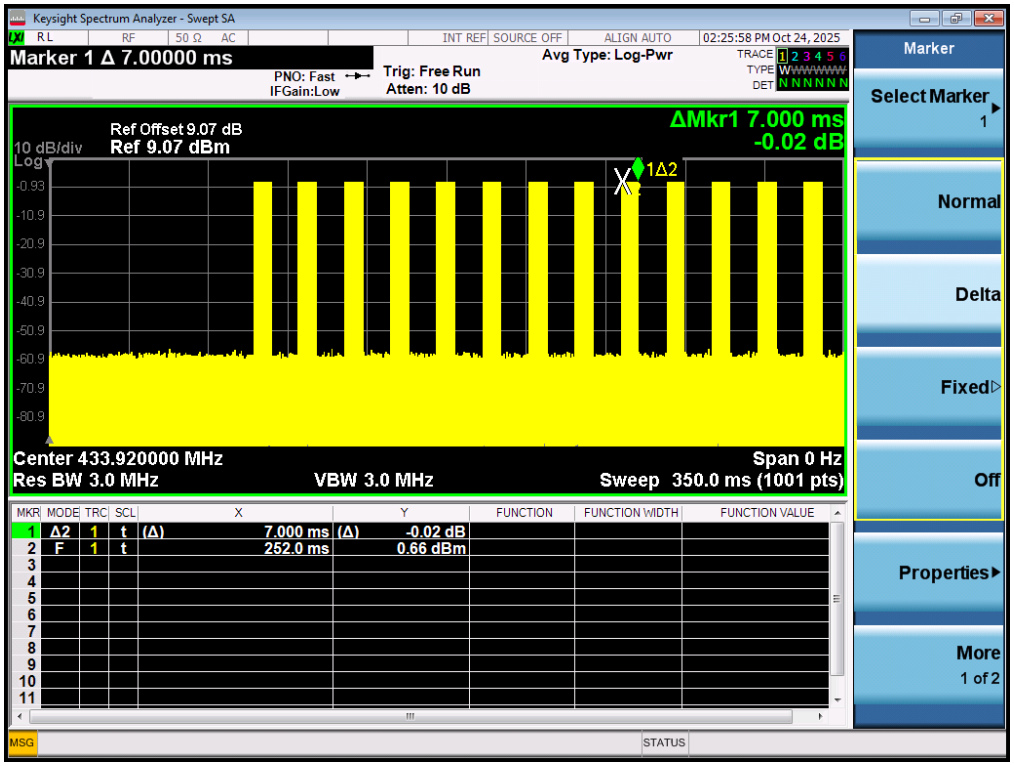
Number of Pulses/Packet



Long Pulse Duration



Short Pulse Duration

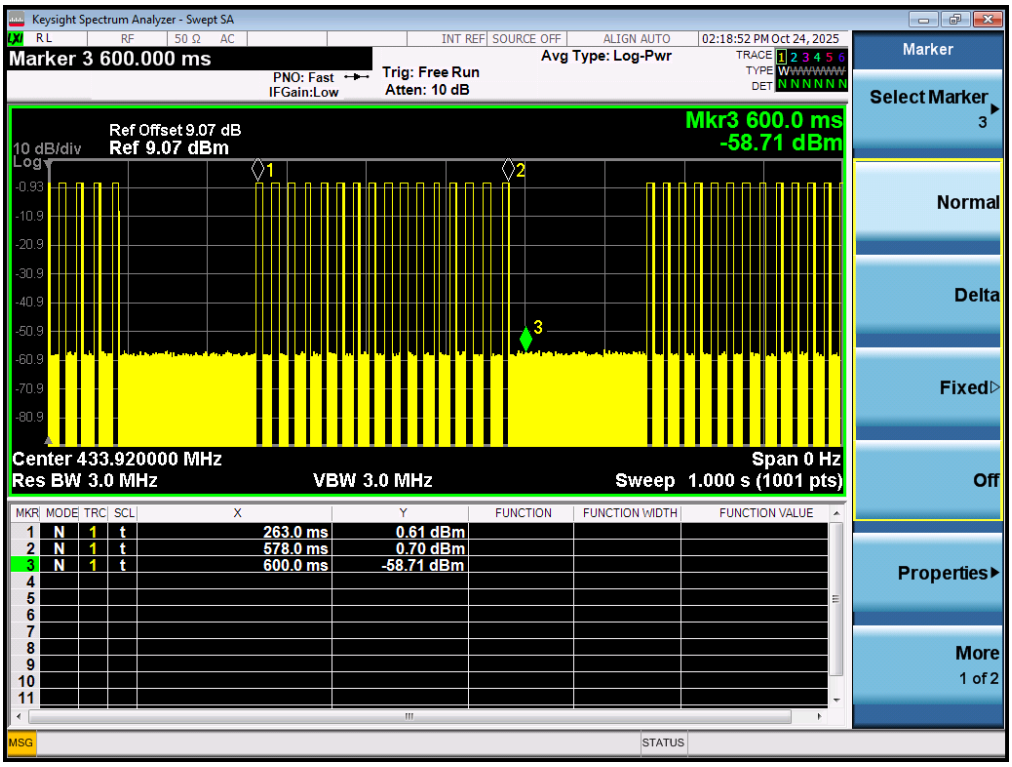


FSK mode

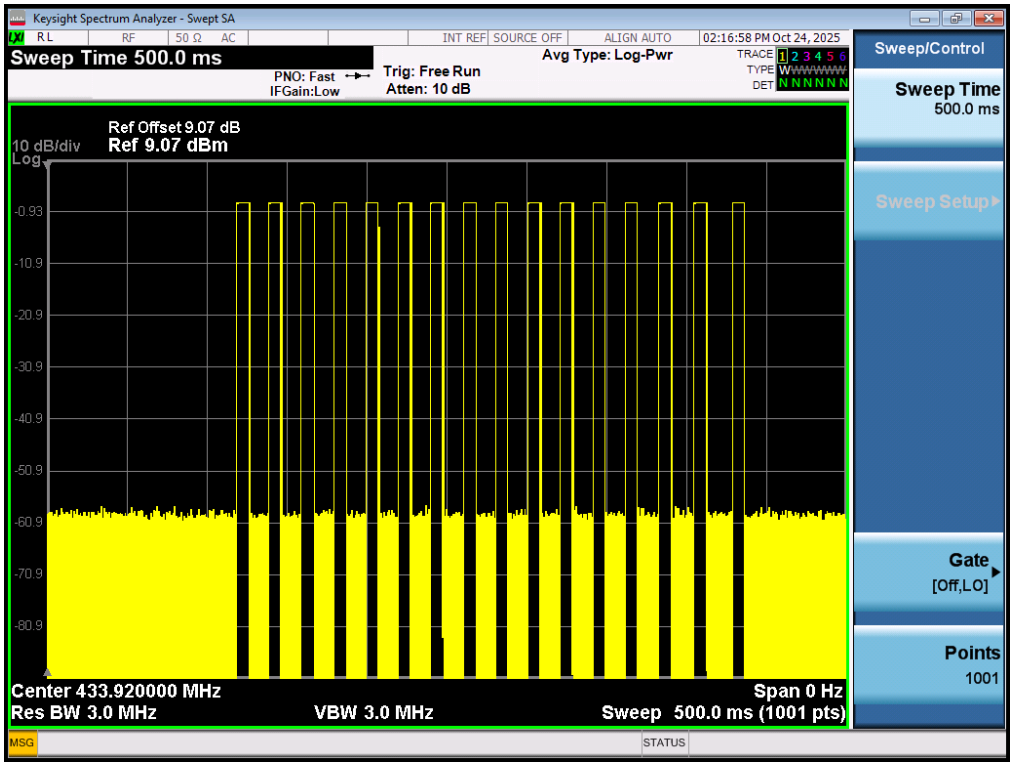
Data Transmissions		Number of pulses
The number of pulses Group		1
Long pulse duration	7.7 ms	13
Short pulse duration	7.0 ms	3
Total transmissions duration	7.7*13+7*3=121.1 ms	
On time within 600 msec	1*121.1=121.1 ms	
Duty cycle correction factor	20*log(121.1/600)=-13.90014 dB	

Therefore, the average factor is found by 20log(Duty cycle) =-13.90014 dB, AV factor=-13.90014 dB

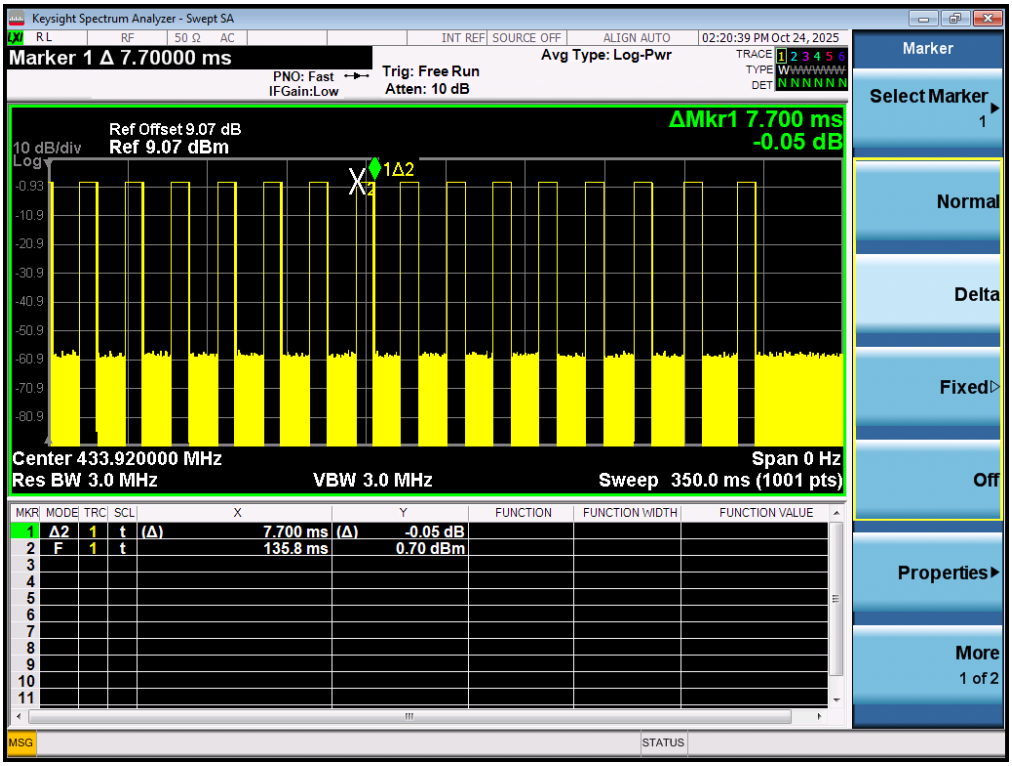
Number of Packet/600 ms



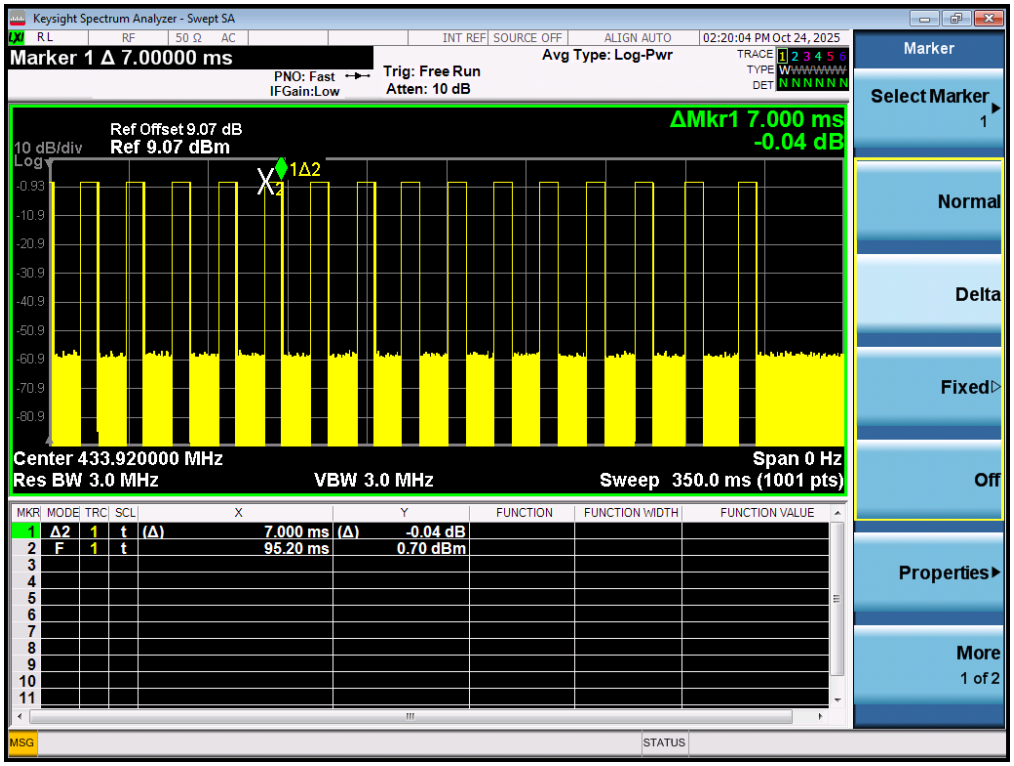
Number of Pulses/Packet



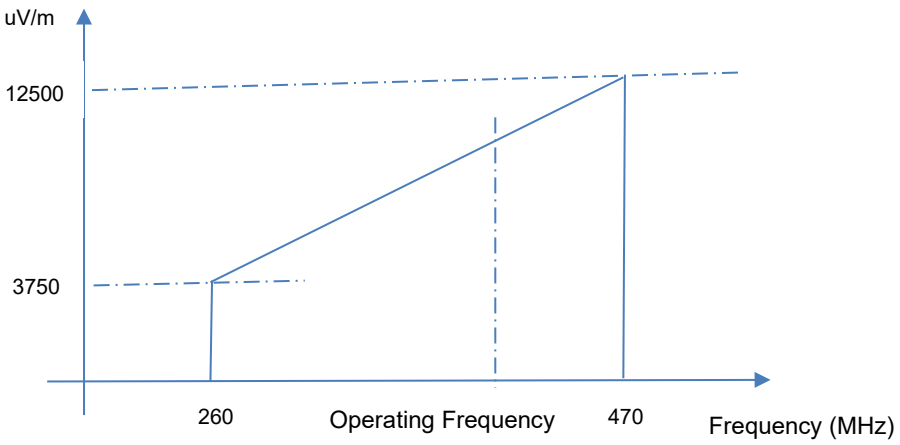
Long Pulse Duration



Short Pulse Duration



A.4 Field Strength of Fundamental Emissions



The Field Strength of Fundamental Emissions (Operating Frequency) is:
3750 uV/m = 20*log (3750) dBuV/m = 71.48 dBuV/m

12500 uV/m = 20*log (12500) dBuV/m = 81.94 dBuV/m

Test Data

ASK mode

Field Strength of Fundamental Emissions and Field strength of spurious emissions Value					
Operating Frequency (MHz)	Field Strength (dBuV/m)	Detector	Limit @3m (dBuV/m)	Margin (dB)	Antenna
434.974	78.33	PEAK	92.87	14.54	Vertical
	78.97	PEAK	92.87	13.90	Horizontal
	63.04	AVERAGE	72.87	8.44	Vertical
	63.68	AVERAGE	72.87	7.80	Horizontal
867.948	48.95	PEAK	72.87	23.92	Vertical
	59.78	PEAK	72.87	13.09	Horizontal
	33.66	AVERAGE	52.87	17.82	Vertical
	44.49	AVERAGE	52.87	6.99	Horizontal

FSK mode

Field Strength of Fundamental Emissions and Field strength of spurious emissions Value					
Operating Frequency (MHz)	Field Strength (dBuV/m)	Detector	Limit @3m (dBuV/m)	Margin (dB)	Antenna
433.974	78.70	PEAK	92.87	14.17	Vertical
	80.16	PEAK	92.87	12.71	Horizontal
	64.80	AVERAGE	72.87	8.07	Vertical
	66.26	AVERAGE	72.87	6.61	Horizontal
867.948	45.87	PEAK	72.87	27.00	Vertical
	59.61	PEAK	72.87	13.26	Horizontal
	31.97	AVERAGE	52.87	20.90	Vertical
	45.71	AVERAGE	52.87	7.16	Horizontal

A.5 Radiated Emission

Note [1]: The symbol of "--" in the table which means not application.

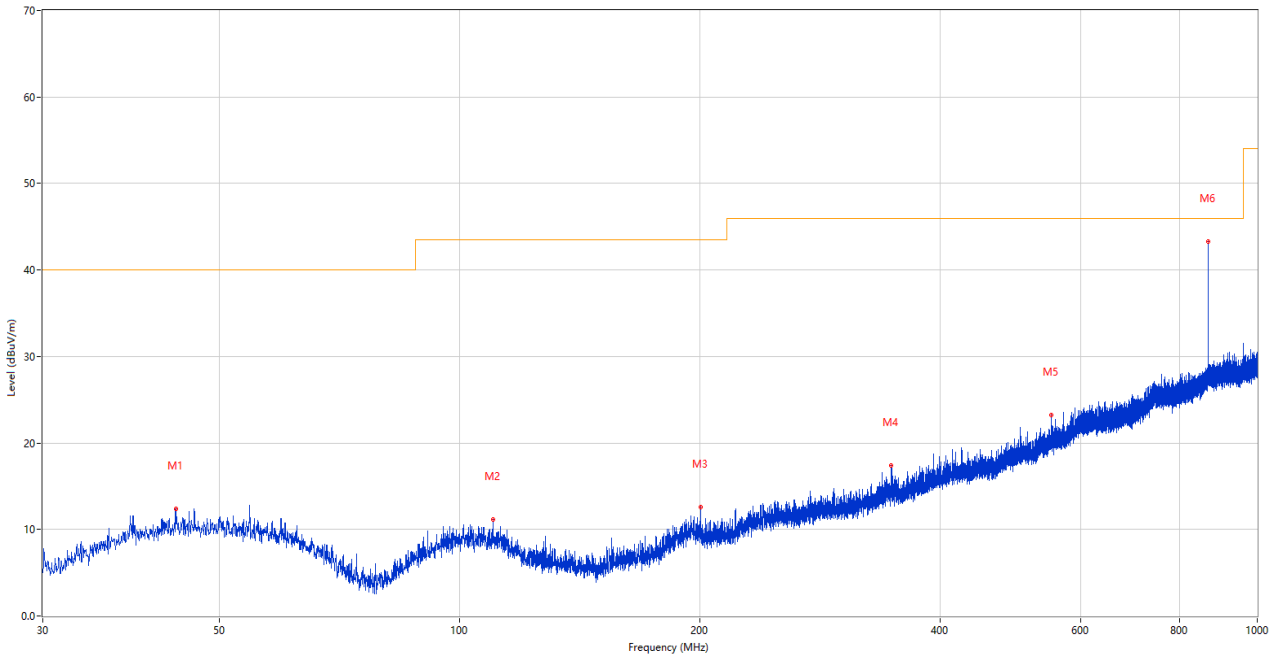
Note [2]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note [4]: The verdict please refer to the A.3 field strength of fundamental emissions and field strength of spurious emissions value.

Test Data and Plots

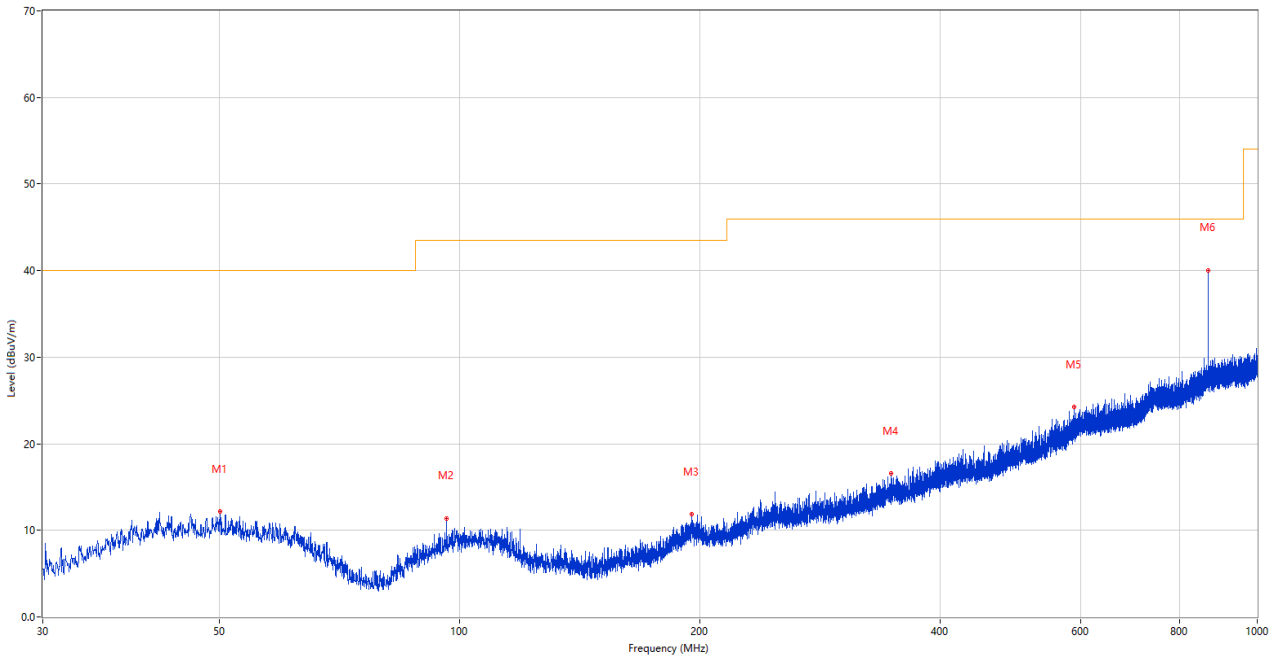
ASK mode

30 MHz to 1 GHz, ANT H



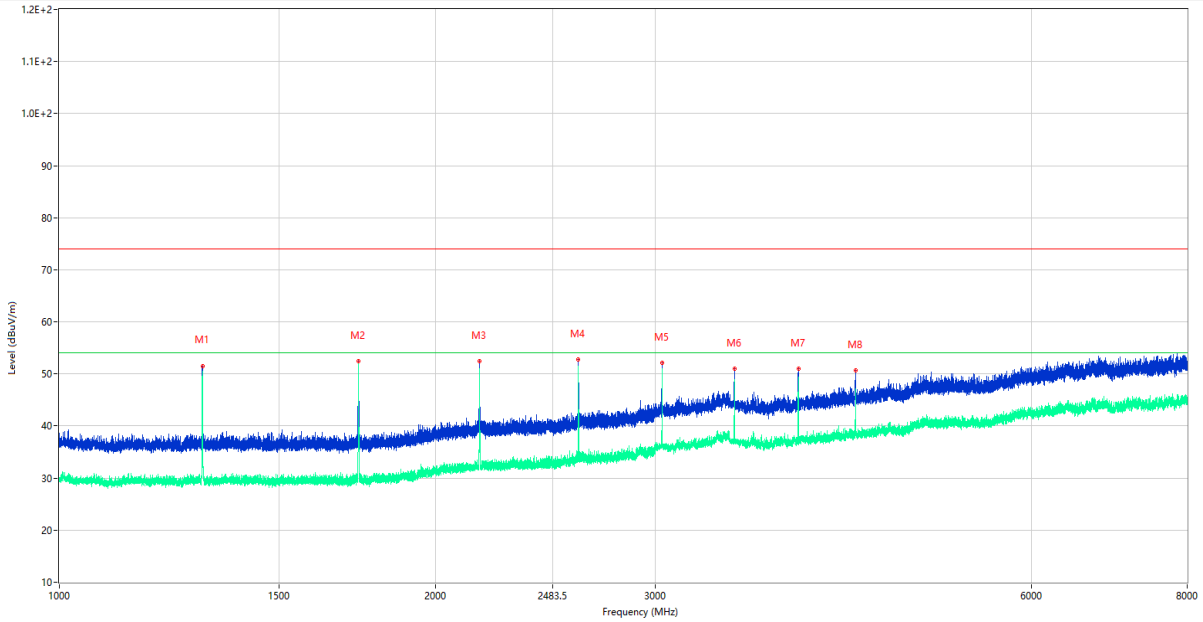
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	44.065	12.41	-24.89	40.0	27.59	Peak	40.00	100	Horizontal	Pass
2	109.977	11.12	-26.57	43.5	32.38	Peak	174.00	100	Horizontal	Pass
3	200.623	12.56	-25.88	43.5	30.94	Peak	341.00	200	Horizontal	Pass
4	347.820	17.44	-21.42	46.0	28.56	Peak	65.00	100	Horizontal	Pass
5	551.424	23.22	-16.90	46.0	22.78	Peak	1.00	200	Horizontal	Pass
6	867.935	43.27	-9.68	46.0	2.73	Peak	149.00	200	Horizontal	N/A

30 MHz to 1 GHz, ANT V



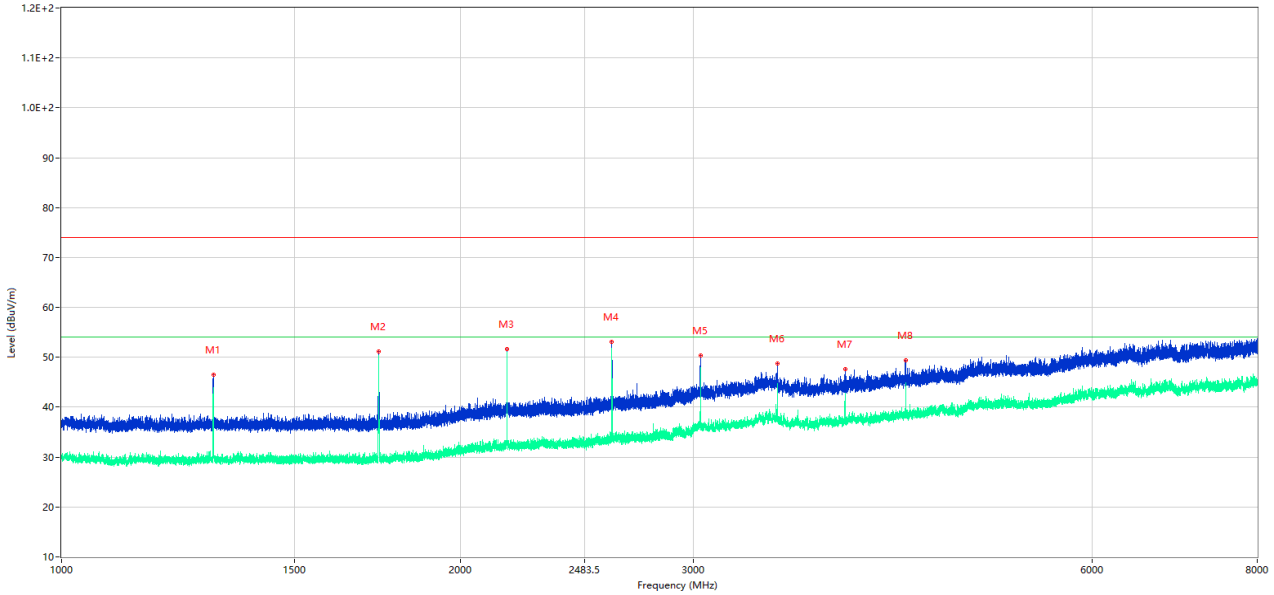
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	50.031	12.13	-24.51	40.0	27.87	Peak	0.00	100	Vertical	Pass
2	96.251	11.37	-26.48	43.5	32.13	Peak	326.00	100	Vertical	Pass
3	195.191	11.83	-25.59	43.5	31.67	Peak	205.00	100	Vertical	Pass
4	347.093	16.54	-21.41	46.0	29.46	Peak	271.00	100	Vertical	Pass
5	589.981	24.21	-15.37	46.0	21.79	Peak	156.00	100	Vertical	Pass
6	867.935	40.05	-9.68	46.0	5.95	Peak	77.00	100	Vertical	Pass

1 GHz to 8 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1302.000	51.54	-15.58	74.0	22.46	Peak	155.00	100	Horizontal	Pass
1**	1302.000	52.49	-15.58	54.0	3.51	AV	155.00	100	Horizontal	Pass
2	1735.700	52.51	-16.22	74.0	21.49	Peak	353.00	100	Horizontal	Pass
2**	1735.700	51.36	-16.22	54.0	2.64	AV	353.00	100	Horizontal	Pass
3	2170.500	52.51	-13.02	74.0	21.49	Peak	182.00	100	Horizontal	Pass
3**	2170.500	48.29	-13.02	54.0	5.71	AV	182.00	100	Horizontal	Pass
4	2604.000	52.75	-11.24	74.0	21.25	Peak	245.00	100	Horizontal	Pass
4**	2604.000	51.43	-11.24	54.0	2.57	AV	245.00	100	Horizontal	Pass
5	3038.000	52.15	-8.07	74.0	21.85	Peak	181.00	100	Horizontal	Pass
5**	3038.000	51.01	-8.07	54.0	2.99	AV	181.00	100	Horizontal	Pass
6	3472.000	53.98	-5.75	74.0	20.02	Peak	360.00	100	Horizontal	Pass
6**	3472.000	51.87	-5.75	54.0	2.13	AV	360.00	100	Horizontal	Pass
7	3905.750	51.08	-4.52	74.0	22.92	Peak	65.00	100	Horizontal	Pass
7**	3905.750	48.20	-4.52	54.0	5.8	AV	65.00	100	Horizontal	Pass
8	4339.500	50.63	-3.08	74.0	23.37	Peak	98.00	100	Horizontal	Pass
8**	4339.500	47.13	-3.08	54.0	6.87	AV	98.00	100	Horizontal	Pass

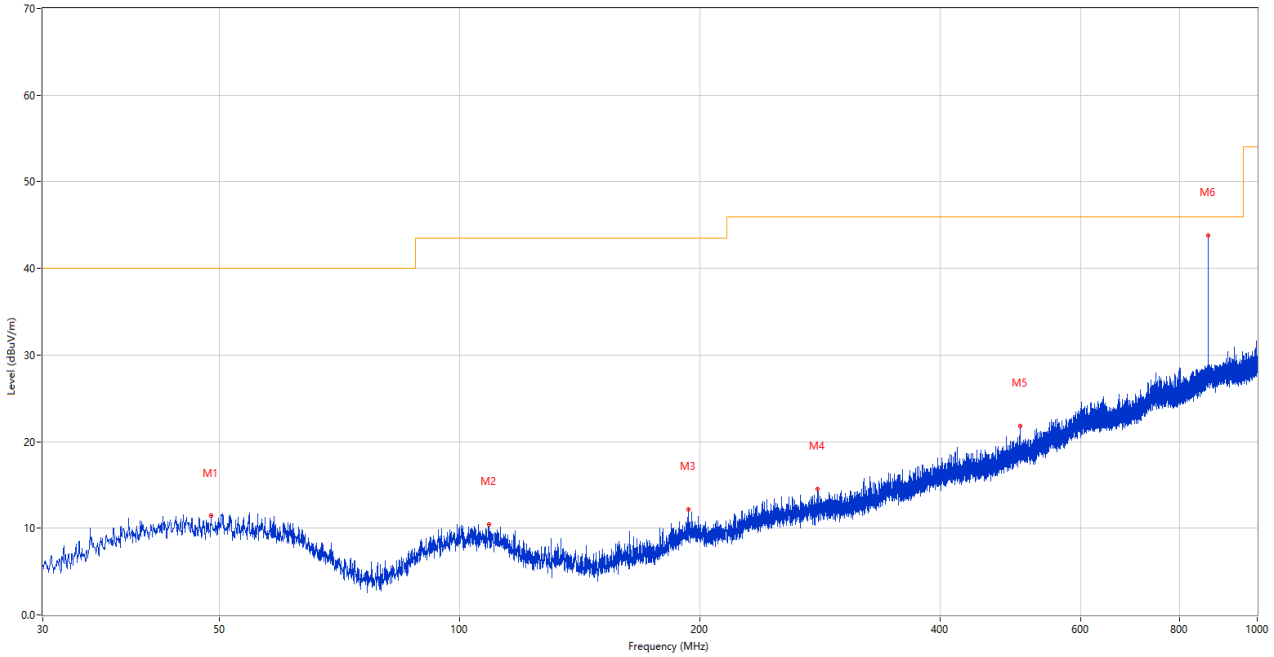
1 GHz to 8 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1301.700	46.43	-15.59	74.0	27.57	Peak	243.00	100	Vertical	Pass
1**	1301.700	42.90	-15.59	54.0	11.10	AV	243.00	100	Vertical	Pass
2	1735.900	51.23	-16.21	74.0	22.77	Peak	249.00	100	Vertical	Pass
2**	1735.900	50.41	-16.21	54.0	3.59	AV	249.00	100	Vertical	Pass
3	2169.900	51.62	-13.03	74.0	22.38	Peak	47.00	100	Vertical	Pass
3**	2169.900	50.83	-13.03	54.0	3.17	AV	47.00	100	Vertical	Pass
4	2604.100	53.09	-11.23	74.0	20.91	Peak	35.00	100	Vertical	Pass
4**	2604.100	51.78	-11.23	54.0	2.22	AV	35.00	100	Vertical	Pass
5	3038.000	50.36	-8.07	74.0	23.64	Peak	360.00	100	Vertical	Pass
5**	3038.000	46.69	-8.07	54.0	7.31	AV	360.00	100	Vertical	Pass
6	3471.250	48.68	-5.67	74.0	25.32	Peak	360.00	100	Vertical	Pass
6**	3471.250	40.04	-5.67	54.0	13.96	AV	360.00	100	Vertical	Pass
7	3906.500	47.60	-4.50	74.0	26.40	Peak	0.00	100	Vertical	Pass
7**	3906.500	41.90	-4.50	54.0	12.10	AV	0.00	100	Vertical	Pass
8	4339.500	49.43	-3.08	74.0	24.57	Peak	357.00	100	Vertical	Pass
8**	4339.500	43.21	-3.08	54.0	10.79	AV	357.00	100	Vertical	Pass

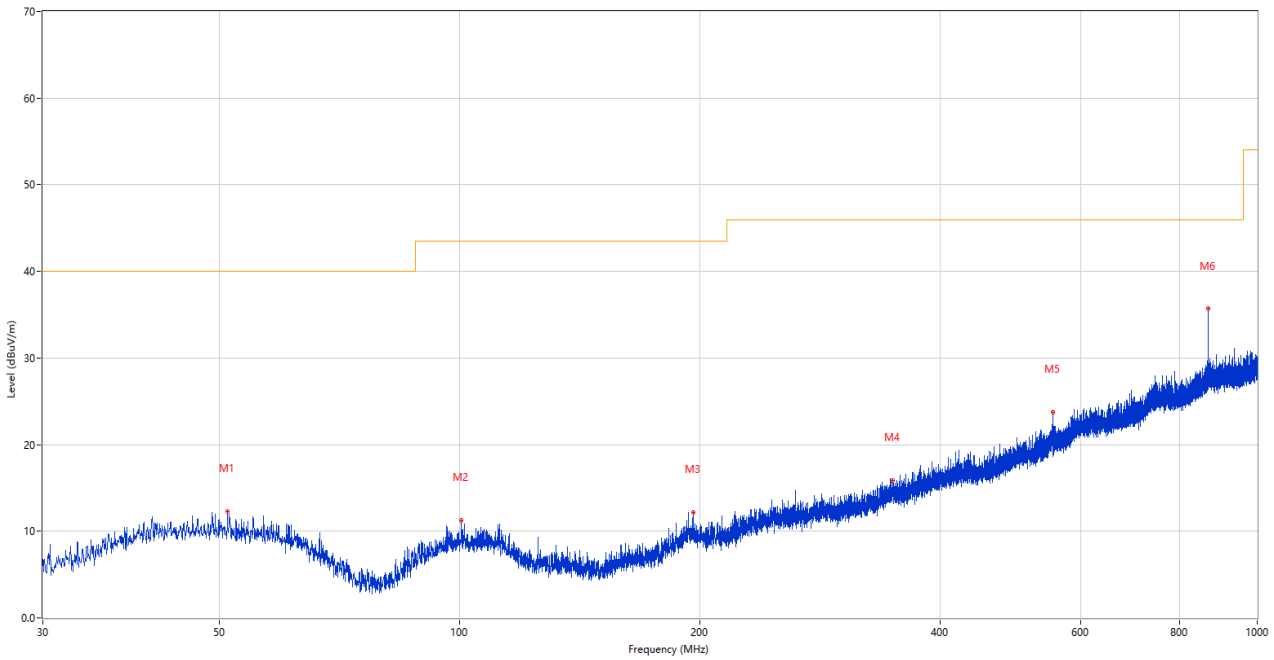
FSK mode

30 MHz to 1 GHz, ANT H



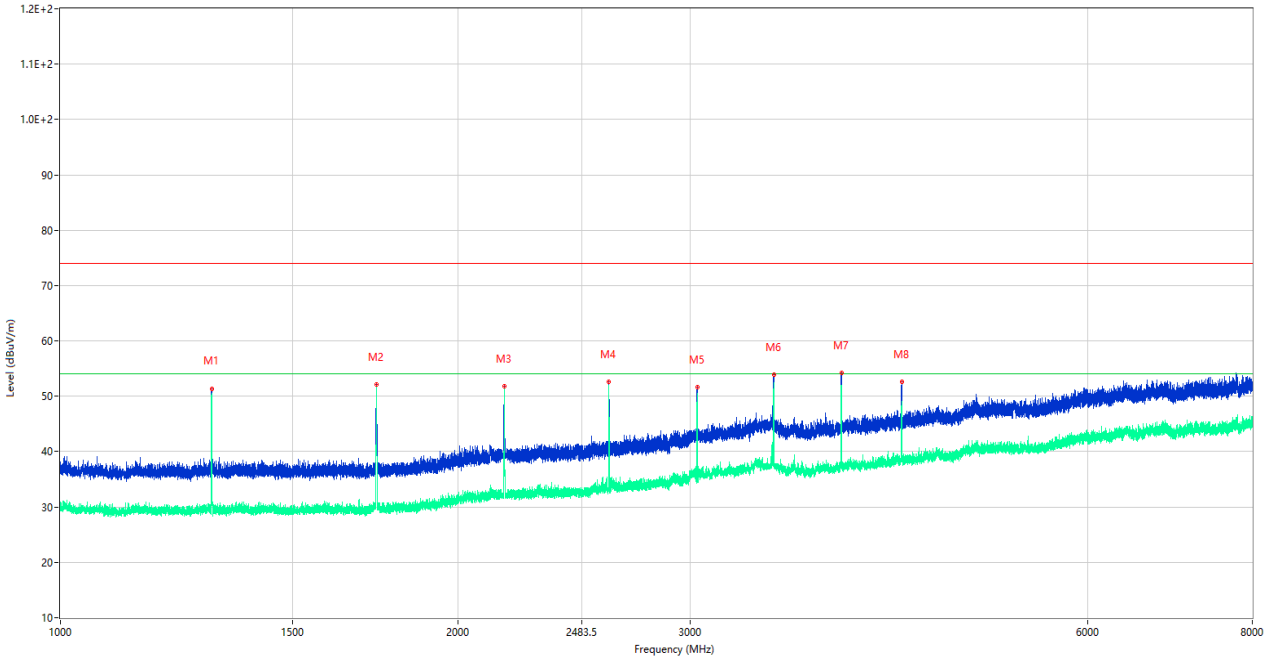
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	48.770	11.45	-24.50	40.0	28.55	Peak	360.00	100	Horizontal	Pass
2	108.812	10.43	-26.52	43.5	33.07	Peak	331.00	200	Horizontal	Pass
3	193.542	12.19	-25.74	43.5	31.31	Peak	52.00	200	Horizontal	Pass
4	280.890	14.58	-23.62	46.0	31.42	Peak	288.00	200	Horizontal	Pass
5	503.894	21.83	-17.89	46.0	24.17	Peak	95.00	200	Horizontal	Pass
6	867.692	43.78	-9.67	46.0	2.22	Peak	101.00	100	Horizontal	N/A

30 MHz to 1 GHz, ANT V



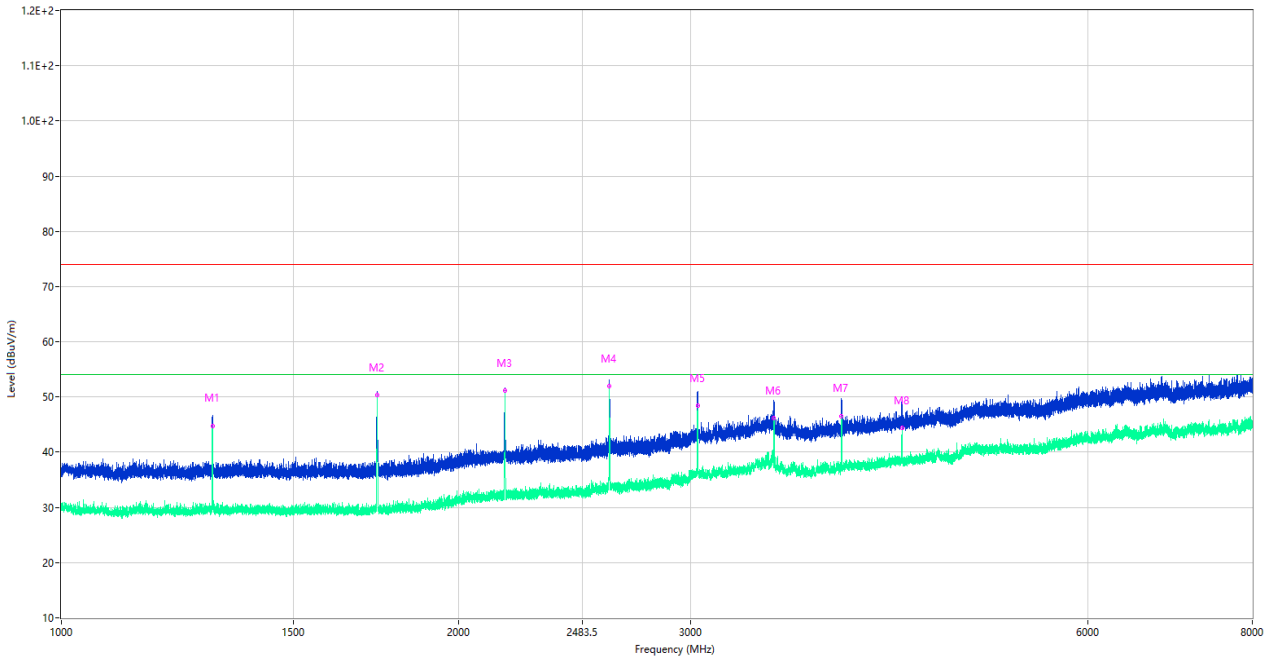
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.146	12.29	-24.62	40.0	27.71	Peak	24.00	100	Vertical	Pass
2	100.422	11.30	-26.07	43.5	32.20	Peak	60.00	100	Vertical	Pass
3	196.355	12.22	-25.52	43.5	31.28	Peak	147.00	100	Vertical	Pass
4	348.839	15.90	-21.44	46.0	30.10	Peak	26.00	200	Vertical	Pass
5	554.916	23.78	-16.87	46.0	22.22	Peak	171.00	100	Vertical	Pass
6	867.692	35.68	-9.67	46.0	10.32	Peak	0.00	200	Vertical	Pass

1 GHz to 8 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1301.900	51.30	-15.58	74.0	22.70	Peak	0.00	100	Horizontal	Pass
1**	1301.900	50.40	-15.58	54.0	3.60	AV	0.00	100	Horizontal	Pass
2	1735.700	52.06	-16.22	74.0	21.94	Peak	241.00	100	Horizontal	Pass
2**	1735.700	50.58	-16.22	54.0	3.42	AV	241.00	100	Horizontal	Pass
3	2169.200	51.82	-13.04	74.0	22.18	Peak	74.00	100	Horizontal	Pass
3**	2169.200	51.11	-13.04	54.0	2.89	AV	74.00	100	Horizontal	Pass
4	2603.700	52.60	-11.25	74.0	21.40	Peak	137.00	100	Horizontal	Pass
4**	2603.700	51.01	-11.25	54.0	2.99	AV	137.00	100	Horizontal	Pass
5	3037.250	51.73	-8.08	74.0	14.27	Peak	109.00	100	Horizontal	Pass
5**	3037.250	50.48	-8.0	54.0	3.52	AV	109.00	100	Horizontal	Pass
6	3471.750	53.92	-5.73	74.0	20.08	Peak	109.00	100	Horizontal	Pass
6**	3471.750	51.37	-5.73	54.0	2.63	AV	109.00	100	Horizontal	Pass
7	3905.750	54.26	-4.52	74.0	19.74	Peak	295.00	100	Horizontal	Pass
7**	3905.750	51.10	-4.52	54.0	2.90	AV	295.00	100	Horizontal	Pass
8	4339.000	52.62	-3.09	74.0	21.38	Peak	13.00	100	Horizontal	Pass
8**	4339.000	49.12	-3.09	54.0	4.88	AV	13.00	100	Horizontal	Pass

1 GHz to 8 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1302.000	45.70	-15.58	74.0	28.30	Peak	137.00	100	Vertical	Pass
1**	1302.000	44.81	-15.58	54.0	9.19	AV	137.00	100	Vertical	Pass
2	1735.500	52.97	-16.22	74.0	23.03	Peak	124.00	100	Vertical	Pass
2**	1735.500	50.31	-16.22	54.0	3.69	AV	124.00	100	Vertical	Pass
3	2169.400	51.53	-13.04	74.0	22.47	Peak	0.00	100	Vertical	Pass
3**	2169.400	51.18	-13.04	54.0	2.82	AV	0.00	100	Vertical	Pass
4	2603.200	52.99	-11.27	74.0	21.01	Peak	295.00	100	Vertical	Pass
4**	2603.200	51.90	-11.27	54.0	2.1	AV	295.00	100	Vertical	Pass
5	3038.000	50.60	-8.07	74.0	23.40	Peak	0.00	100	Vertical	Pass
5**	3038.000	48.40	-8.07	54.0	5.60	AV	0.00	100	Vertical	Pass
6	3470.750	49.08	-5.62	74.0	24.92	Peak	0.00	100	Vertical	Pass
6**	3470.750	46.16	-5.62	54.0	7.84	AV	0.00	100	Vertical	Pass
7	3905.000	48.67	-4.55	74.0	25.33	Peak	130.00	100	Vertical	Pass
7**	3905.000	46.59	-4.55	54.0	7.41	AV	130.00	100	Vertical	Pass
8	4339.750	48.04	-3.08	74.0	25.96	Peak	130.00	100	Vertical	Pass
8**	4339.750	44.44	-3.08	54.0	9.56	AV	130.00	100	Vertical	Pass

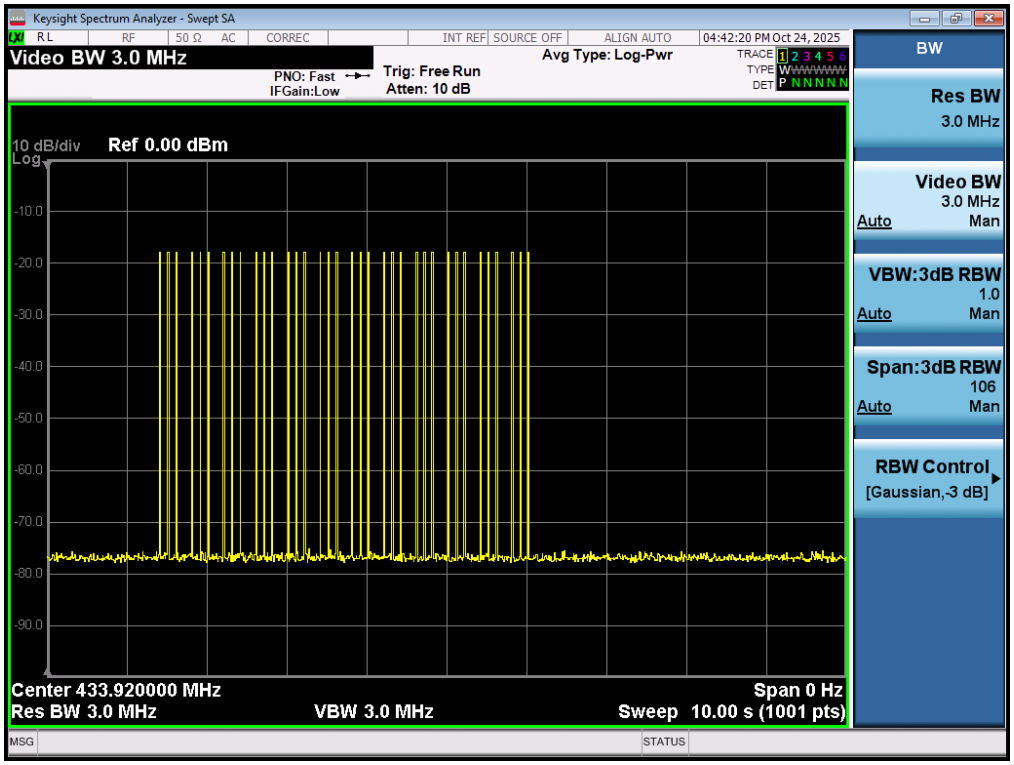
A.6 Transmitter Time

Test Data and Plot

Intentional radiators which are employed for radio control purposes during emergencies involving fire, security, and safety of life, when activated to signal an alarm, may operate during the pendency of the alarm condition.

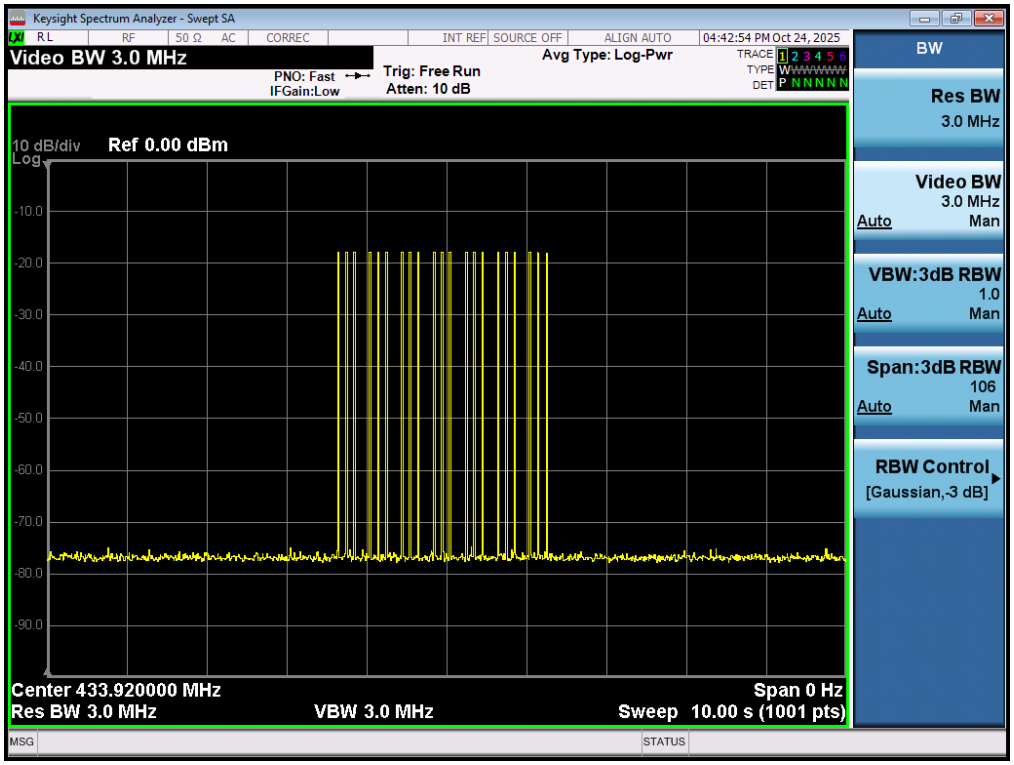
ASK mode

Active time



FSK mode

Active time



ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ25A0415-AR-1.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ25A0415-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ25A0415-AI.PDF”.

Statement

1. The Testing Center guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.

2. For the report with Accreditation Symbol, the items marked with "☆" are not within the accredited scope.

3. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the test report stamp.

4. The test data and results are only valid for the tested samples provided by the customer.

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6. Any objection shall be raised to the Testing Center within 30 days after receiving the report.

--END OF REPORT--