



FCC TEST REPORT

FCC ID:2BXHF-WS9501DLS

Report Number.....: **ZKT-260821L1388E-1**

Date of Test Jul. 30, 2026 to Aug. 21, 2026

Date of issue: Aug. 21, 2026

Total number of pages..... 93

Test Result: PASS

Testing Laboratory.....: Shenzhen ZKT Technology Co., Ltd.Address: 1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue,
Fuhai Street, Bao'an District, Shenzhen, China**Applicant's name: Xuzhou WIKA Electronics Control Technology Co., Ltd.**Address: No.11 Baoliang Road, Xuzhou Economic Development Zone, Xuzhou,
Jiangsu, China**Manufacturer's name: Chengdu Silent Smart Technology Co., Ltd.**Address: 303-7,Floor 3,Building 12,No.38,South Jinke Road,Jinniu Hi-tech
Industrial Park,Chengdu,Sichuan,China

Test specification:

Standard.....: FCC Rules Part 15.231
ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to
C63.10a-2024

Test procedure: /

Non-standard test method: N/A

Test Report Form No.....: TRF-EL-111_V0**Test Report Form(s) Originator.....: ZKT Testing****Master TRF: Dated: 2020-01-06**

This device described above has been tested by ZKT, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Product name: Wireless Transceiver Module

Trademark: N/A

Model/Type reference: WS9501DLS

Ratings: Input: DC 5V



Testing procedure and testing location:

Testing Laboratory: **Shenzhen ZKT Technology Co., Ltd.**

Address: 1/F, No. 101, Building B, No. 6, Tangwei Community
Industrial Avenue, Fuhai Street, Bao'an District,
Shenzhen, China

Tested by (name + signature): Jim Liu

Reviewer (name + signature).....: Jackson Fang

Approved (name + signature): Lake Xie





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1. VERSION

Report No.	Version	Description	Approved
ZKT-260821L1388E-1	Rev.01	Initial issue of report	Aug. 21, 2026



2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 (15.231) , Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emission	N/A	
15.209 & 15.231(e)	Fundamental & Radiated Spurious Emission Measurement	PASS	
15.231(c)	20dB Occupied Bandwidth	PASS	
15.231(e)	Dwell Time	PASS	
15.203	Antenna Requirement	PASS	

NOTE:

(1)" N/A" denotes test is not applicable in this Test Report



2.1 TEST FACILITY

Shenzhen ZKT Technology Co., Ltd.
Add. : 1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue, Fuhai Street, Bao'an District, Shenzhen, China

FCC Test Firm Registration Number: 927491
Designation Number: CN1431
IC Registered No.: 27033
CAB identifier: CN0110

2.2 MEASUREMENT UNCERTAINTY

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

No.	Item	Uncertainty
1	3m chamber Radiated spurious emission(9KHz-30MHz)	U=4.5dB
2	3m chamber Radiated spurious emission(30MHz-1GHz)	U=4.8dB
3	3m chamber Radiated spurious emission(1GHz-6GHz)	U=4.9dB
4	3m chamber Radiated spurious emission(6GHz-40GHz)	U=5.0dB
5	Conducted Disturbance	U=3.2dB
6	RF Band Edge	U=1.68dB
7	RF Power Conducted	U=1.86dB
8	RF Conducted Spurious Emission	U=2.2dB
9	RF Occupied Bandwidth	U=1.8MHz
10	RF Power Spectral Density	U=1.75dB
11	Dwell Time	U=0.02ms
12	Humidity Uncertainty	U=5.3%
13	Temperature Uncertainty	U=0.59°C



3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless Transceiver Module
Trade Name	N/A
Model Name	WS9501DLS
Serial Model	N/A
Model Difference	N/A
HVIN:	WS9501DLS
Hardware version	V1.3
Software version	V208
Operation Frequency:	433.1025 MHz – 434.6025 MHz
Channel No.	16
Modulation Type:	2-(G)FSK
Antenna Type:	Sucker antenna Dipole Antenna Horn Antenna FPC Antenna
Antenna Gain:	Sucker antenna: 1dBi Dipole Antenna: -2dBi Horn Antenna: 0.5dBi FPC Antenna :-3.5dBi
Ratings	Input: DC 5V



3.2 TEST CHANNEL

Channel	Frequency	Channel	Frequency
	(MHz)		(MHz)
0	433.1025	16	433.9025
2	433.2025	18	434.0025
4	433.3025	20	434.1025
6	433.4025	22	434.2025
8	433.5025	24	434.3025
10	433.6025	26	434.4025
12	433.7025	28	434.5025
14	433.8025	30	434.6025

3.3 DESCRIPTION OF TEST MODES

For All Emission	
Final Test Mode	Description
Transmitting Mode	Keep the EUT in continuously transmitting mode
Charging Mode	Keep the EUT in Charging mode.
Test Software	XCOM V2.0.exe
Power level setup	Default

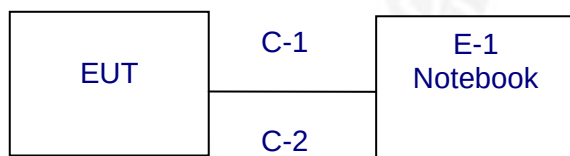
Note:

- (1) Fully-charged battery is used during the test.
- (2) For battery operated equipment, the equipment tests shall be performed using a new battery.

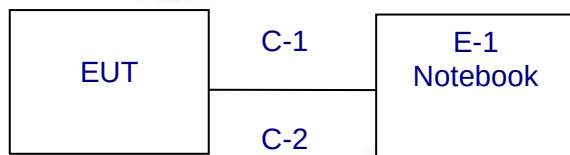


3.4 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Radiated Emission



Conducted Spurious





3.5 DESCRIPTION OF SUPPORT UNITS(CONDUCTED MODE)

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Mfr/Brand	Model/Type No.	Note
E-1	Notebook	HP	ST-2	N/A
E-2	AC Adapter	UGREEN	X569	N/A
C-1	Serial-board	WAVGAT	CH340G	N/A
C-2	USB-cable	UGREEN	A88E6	N/A

Item	Shielded Type	Ferrite Core	Length	Note
C-2	YES	NO	150cm	N/A

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) "YES" is means "shielded" "with core"; "NO" is means "unshielded" "without core".
- (4) EUT used new batteries during test.



3.6 EQUIPMENTS LIST FOR ALL TEST ITEMS

Radiation Emissions & Radiation Spurious Emissions Test

Item	Equipment	Manufacturer	Type No.	Serial No.	Firmware Version	Last calibration	Calibrated until
1	Spectrum Analyzer (9kHz-26.5GHz)	KEYSIGHT	N9020A	MY55370835	A.17.05	Sep. 20, 2025	Sep. 19, 2026
2	Spectrum Analyzer (10kHz-39.9GHz)	R&S	FSV40-N	100363	1.71 SP2	Sep. 20, 2025	Sep. 19, 2026
3	EMI Test Receiver (9kHz-7GHz)	R&S	ESCI7	100969	4.32	Oct. 24, 2025	Oct. 23, 2026
4	Bilog Antenna (30MHz-1500MHz)	Schwarzbeck	VULB9168	00877	N/A	Sep. 20, 2025	Sep. 19, 2026
5	Horn Antenna (1GHz-18GHz)	Agilent	AH-118	071145	N/A	Sep. 20, 2025	Sep. 19, 2026
6	Horn Antenna (15GHz-40GHz)	A.H.System	SAS-574	588	N/A	Sep. 30, 2025	Sep. 29, 2026
7	Loop Antenna	TESEQ	HLA6121	58357	N/A	Sep. 20, 2025	Sep. 19, 2026
8	Amplifier (30-1000MHz)	EM Electronics	EM330 Amplifier	60747	N/A	Sep. 19, 2025	Sep. 18, 2026
9	Amplifier (1GHz-26.5GHz)	HuiPu	8449B	3008A00315	N/A	Sep. 19, 2025	Sep. 18, 2026
10	Amplifier (500MHz-40GHz)	QuanJuDa	DLE-161	097	N/A	Oct. 24, 2025	Oct. 23, 2026
11	Test Cable	N/A	R-01	N/A	N/A	May 25, 2026	May 24, 2027
12	Test Cable	N/A	R-02	N/A	N/A	May 25, 2026	May 24, 2027
13	Test Cable	N/A	R-03	N/A	N/A	May 26, 2026	May 25, 2027
14	D.C. Power Supply	LongWei	TPR-6405D	N/A	N/A	\	\
15	EMC Software	Frad	EZ-EMC	Ver.EMC-CO N 3A1.1	N/A	\	\
16	Turntable	MF	MF-7802BS	N/A	N/A	\	\
17	Antenna tower	MF	MF-7802BS	N/A	N/A	\	\



RF Conducted Test

Item	Equipment	Manufacturer	Type No.	Serial No.	Firmware Version	Last calibration	Calibrated until
1	Spectrum Analyzer (9kHz-26.5GHz)	KEYSIGHT	N9020A	MY55370835	A.17.05	Sep. 20, 2025	Sep. 19, 2026
2	Spectrum Analyzer (10kHz-39.9GHz)	R&S	FSV40-N	100363	1.71 SP2	Sep. 20, 2025	Sep. 19, 2026
3	Test Cable	N/A	RF-01	N/A	N/A	May 25, 2026	May 24, 2027
4	Test Cable	N/A	RF-02	N/A	N/A	May 25, 2026	May 24, 2027
5	Test Cable	N/A	RF-03	N/A	N/A	May 25, 2026	May 24, 2027
6	ESG Signal Generator	Agilent	E4421B	N/A	B.03.84	Sep. 19, 2025	Sep. 18, 2026
7	Signal Generator	Agilent	N5182A	N/A	A.01.87	Sep. 20, 2025	Sep. 19, 2026
8	Magnetic Field Probe Tester	Narda	ELT-400	0-0344/M-1752	N/A	Sep. 25, 2025	Sep. 24, 2026
9	SHIELD BOX	TESCOM	TC-5970C	5970C015553	N/A	Dec. 18, 2025	Dec. 17, 2026
10	Wideband Radio Communication Test	R&S	CMW500	106504	V 3.7.22	Sep. 28, 2025	Sep. 27, 2026
11	MWRF Power Meter Test system	MW	MW100-RF CB	N/A	N/A	Sep. 19, 2025	Sep. 18, 2026
12	D.C. Power Supply	LongWei	TPR-6405 D	N/A	N/A	\	\
13	RF Software	MW	MTS8310	V2.0.0.0	N/A	\	\



4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

Test Requirement:	FCC Part15 C Section 15.207
Test Method:	ANSI C63.10-2020+Cor 1-2023+C63.10a-2024+Errata to C63.10a-2024
Test Frequency Range:	150KHz to 30MHz
Receiver setup:	RBW=9KHz, VBW=30KHz, Sweep time=auto

4.1.1 POWER LINE CONDUCTED EMISSION LIMITS

(Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Limit (dBuV)		Standard
	Quasi-peak	Average	
0.15 -0.5	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	56.00	46.00	FCC
5.0 -30.0	60.00	50.00	FCC

Note:

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

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



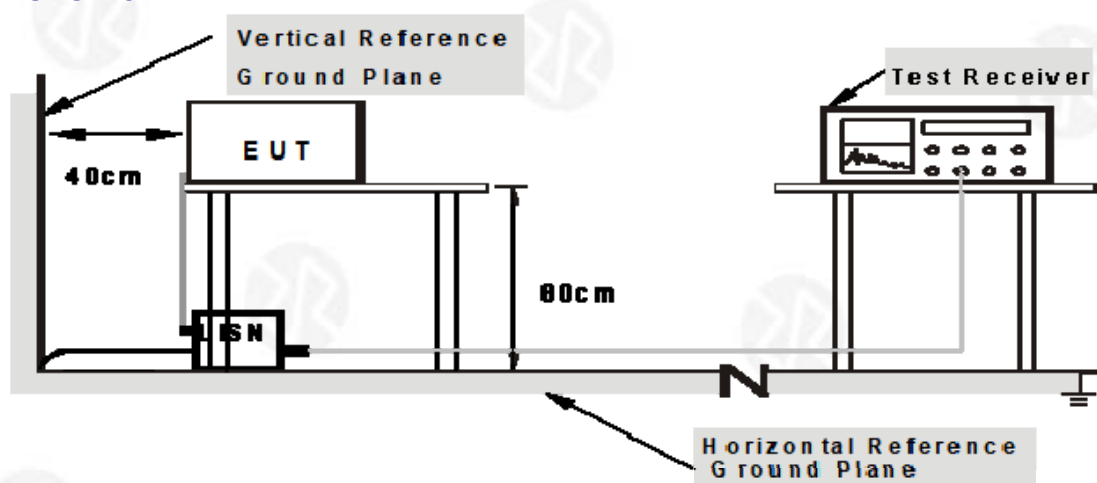
4.1.2 TEST PROCEDURE

- 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 equipments 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 at least 80 cm from nearest part of EUT chassis.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



**Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80
from other units and other metal planes**

4.1.5 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 Charging during test. This operating condition was tested and used to collect the included data.

4.1.6 TEST RESULTS

Note: The EUT is operated by DC power, so it is not applicable.



4.2 RADIATED EMISSION MEASUREMENT

Test Requirement:	FCC Part15 C Section 15.209				
Test Method:	ANSI C63.10-2020+Cor. 1-2023+C63.10a-2024 + Errata to C63.10a-2024				
Test Frequency Range:	9kHz to 25GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Value
	9KHz-150KHz	Quasi-peak	200Hz	600Hz	Quasi-peak
	150KHz-30MHz	Quasi-peak	9KHz	30KHz	Quasi-peak
	30MHz-1GHz	Quasi-peak	120KHz	300KHz	Quasi-peak
	Above 1GHz	Peak	1MHz	3MHz	Peak
		Peak	1MHz	10Hz	Average

4.2.1 RADIATED EMISSION LIMITS

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.231(b) limit in the table below has to be followed.

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

LIMITS OF RADIATED EMISSION MEASUREMENT

Frequency (MHz)	Limit (dBuV/m) (at 3M)	
	Peak	Average
Above 1000	74	54

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).



FUNDAMENTAL AND HARMONICS EMISSION LIMITS

Fundamental frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emission (microvolts/meter)
40.66-40.70	1,000	100
70-130	500	50
130-174	500 to 1,500 ¹	50 to 150 ¹
174-260	1,500	150
260-470	1,500 to 5,000 ¹	150 to 500 ¹
Above 470	5,000	500

FREQUENCY RANGE OF RADIATED MEASUREMENT (For unintentional radiators)

Highest frequency generated or Upper frequency of measurement used in the device or on which the device operates or tunes (MHz)	Range (MHz)
Below 1.705	30
1.705 – 108	1000
108 – 500	2000
500 – 1000	5000
Above 1000	5 th harmonic of the highest frequency or 40 GHz, whichever is lower

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW setting	1 MHz / 1 MHz for Peak, 1 MHz / 10Hz for Average

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



4.2.2 TEST PROCEDURE

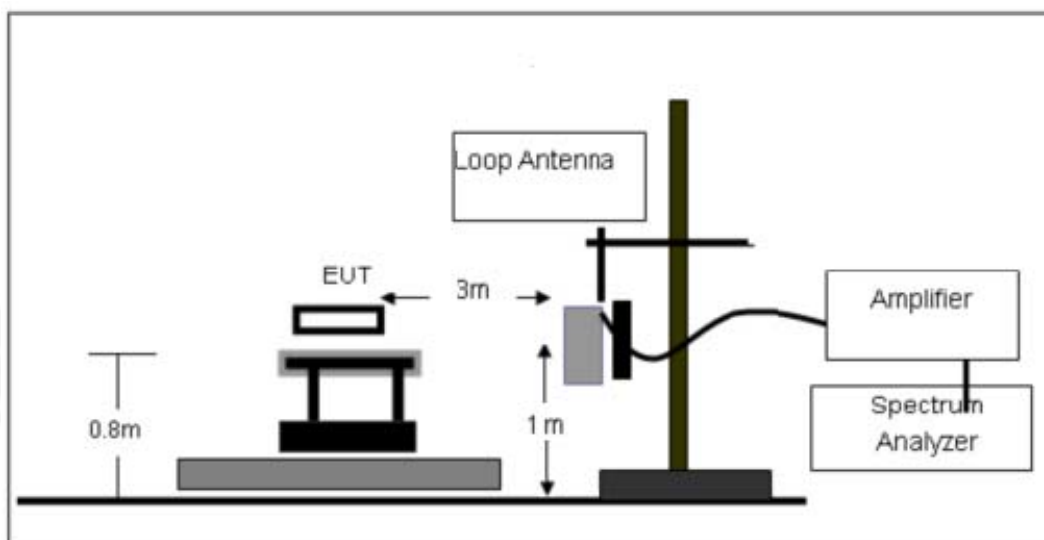
- The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- The height of the equipment or of the substitution antenna shall be 0.8 m; above 1GHz, the height was 1.5m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- 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.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

Note:

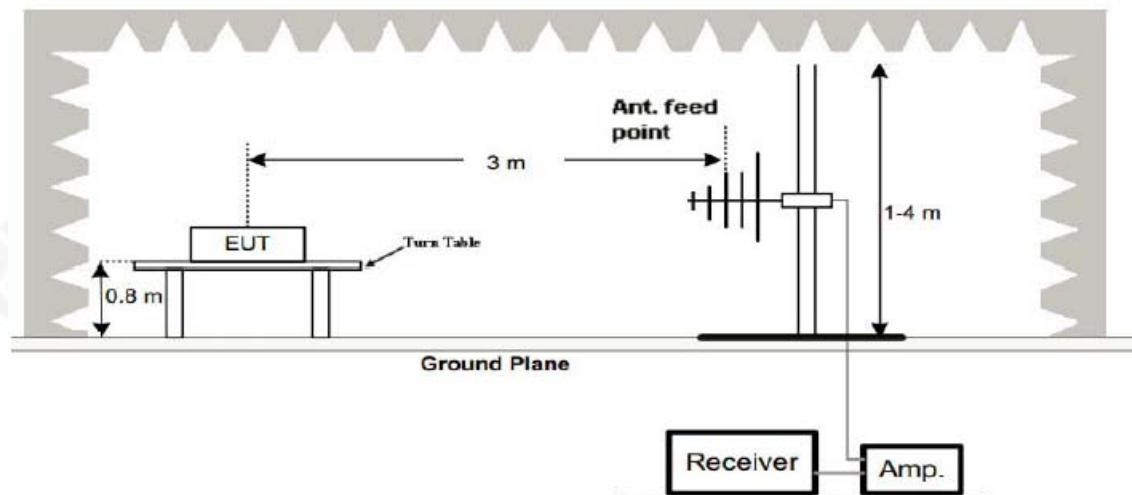
Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case was X axis and the emissions were reported

4.2.3 TEST SETUP

(A) Radiated Emission Test-Up Frequency Below 30MHz

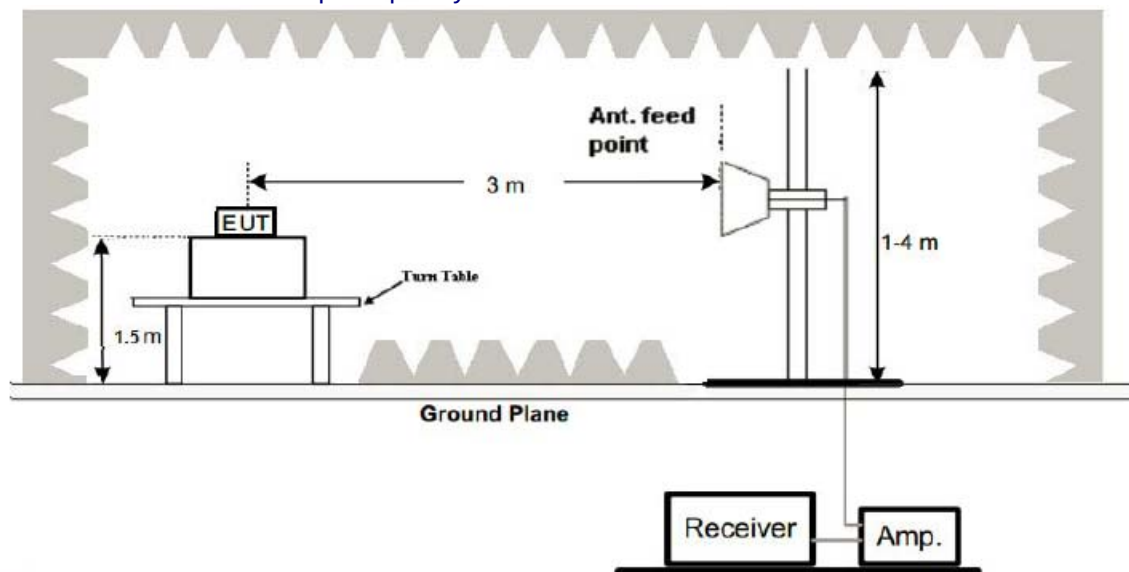


(B) Radiated Emission Test-Up Frequency 30MHz~1GHz





(C) Radiated Emission Test-Up Frequency Above 1GHz



4.2.4 EUT OPERATING CONDITIONS

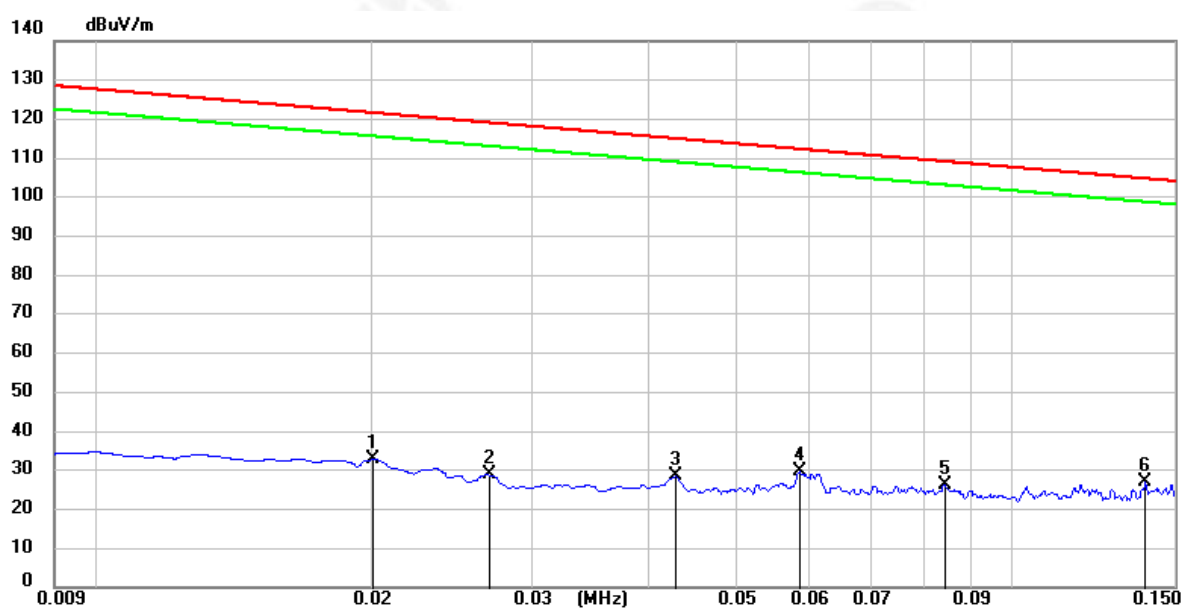
The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.



4.2.5 TEST RESULTS

Radiated Spurious Emission (Below 9KHz – 30MHz)

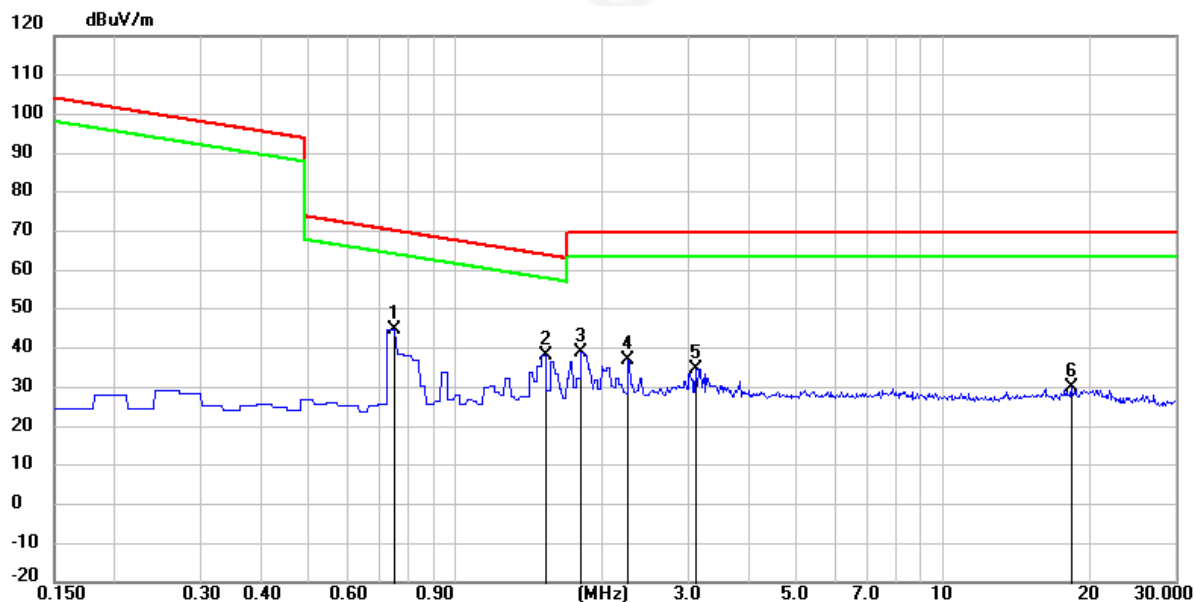
Temperature:	23.7℃	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coxial
Antenna Type:	Dipole Antenna	Test Range:	9 KHz - 150 KHz
Test Mode:	High Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0200	12.67	20.10	32.77	121.58	-88.81	AVG
2	0.0268	8.83	19.96	28.79	119.04	-90.25	AVG
3	0.0428	8.75	19.64	28.39	114.98	-86.59	AVG
4	0.0585	10.40	19.26	29.66	112.26	-82.60	AVG
5	0.0842	7.98	18.36	26.34	109.10	-82.76	AVG
6 *	0.1394	9.54	17.52	27.06	104.72	-77.66	AVG



Temperature:	23.7°C	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coxial
Antenna Type:	Dipole Antenna	Test Range:	150 KHz – 30 MHz
Test Mode:	High Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	0.7470	24.59	20.30	44.89	70.14	-25.25	QP
2	1.5231	17.89	20.30	38.19	63.95	-25.76	QP
3	1.8096	18.52	20.36	38.88	69.50	-30.62	QP
4	2.2606	16.81	20.32	37.13	69.50	-32.37	QP
5	3.1052	14.59	20.13	34.72	69.50	-34.78	QP
6	18.2391	7.96	22.08	30.04	69.50	-39.46	QP

Note:

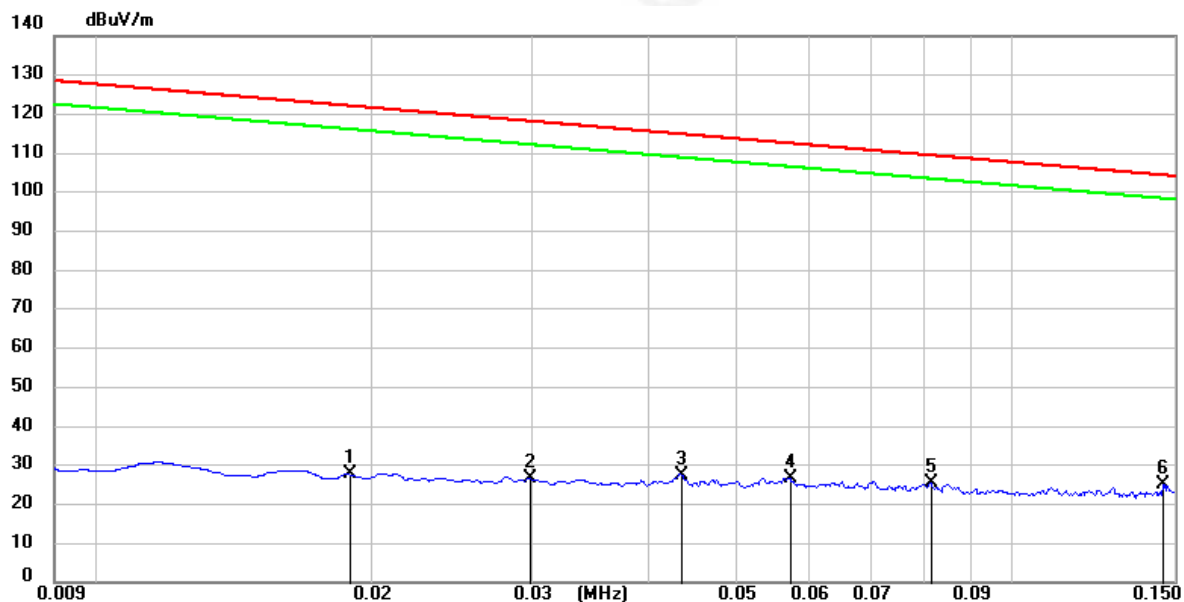
Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

We measured Radiated Emission at Low, Middle and High Channel from 9 KHz to 30 MHz and recorded worst case at High Channel.



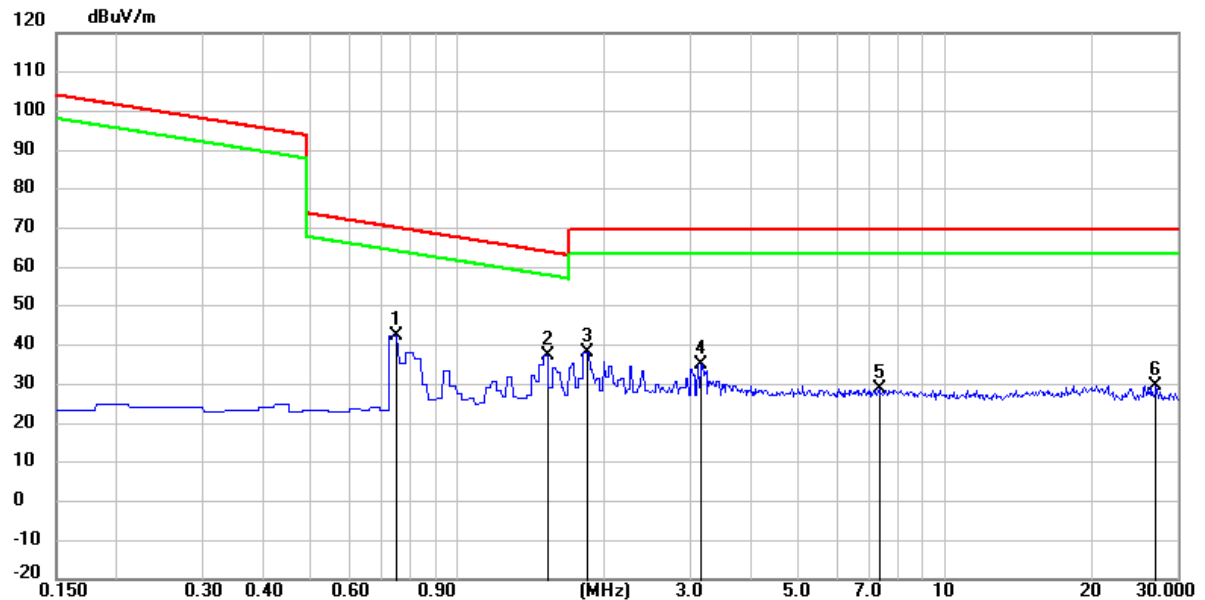
Temperature:	23.7°C	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coplanar
Antenna Type:	Dipole Antenna	Test Range:	9 KHz - 150 KHz
Test Mode:	High Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0189	7.68	20.02	27.70	122.08	-94.38	AVG
2	0.0297	6.65	19.91	26.56	118.15	-91.59	AVG
3	0.0434	7.97	19.63	27.60	114.85	-87.25	AVG
4	0.0571	7.45	19.30	26.75	112.47	-85.72	AVG
5	0.0813	6.93	18.49	25.42	109.40	-83.98	AVG
6 *	0.1459	7.54	17.51	25.05	104.32	-79.27	AVG



Temperature:	23.7°C	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coplanar
Antenna Type:	Dipole Antenna	Test Range:	150 KHz – 30 MHz
Test Mode:	High Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.7470	21.94	20.30	42.24	70.14	-27.90	QP
2 *	1.5231	17.03	20.30	37.33	63.95	-26.62	QP
3	1.8483	17.81	20.37	38.18	69.50	-31.32	QP
4	3.1563	15.01	20.15	35.16	69.50	-34.34	QP
5	7.3140	8.56	20.36	28.92	69.50	-40.58	QP
6	27.0150	9.29	20.44	29.73	69.50	-39.77	QP

Note:

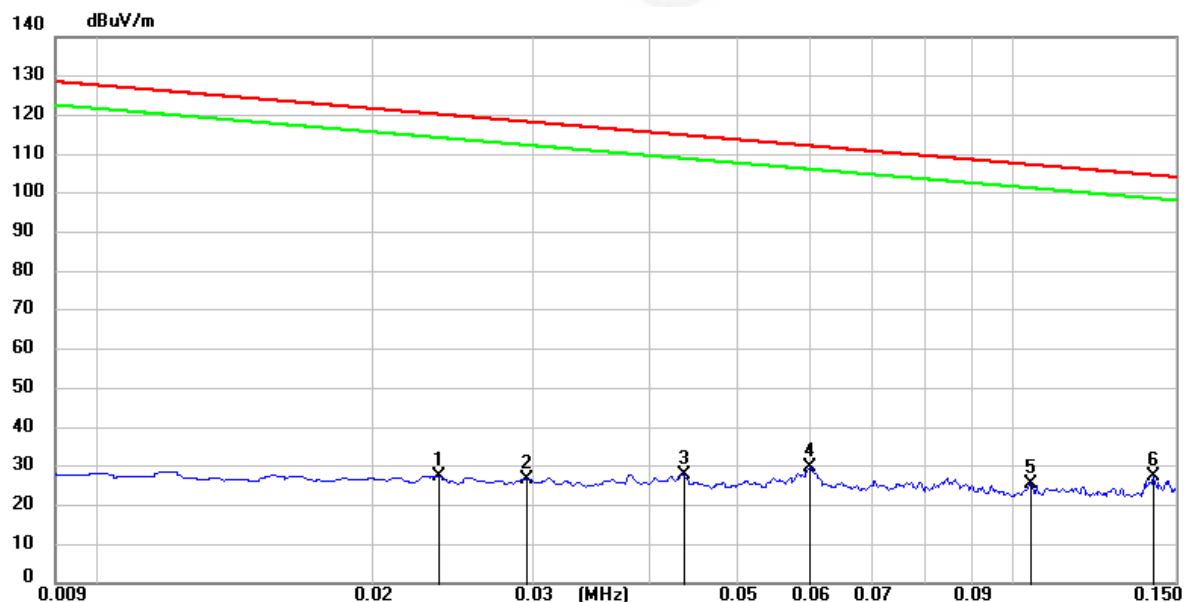
Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

We measured Radiated Emission at Low, Middle and High Channel from 9 KHz to 30 MHz and recorded worst case at High Channel.



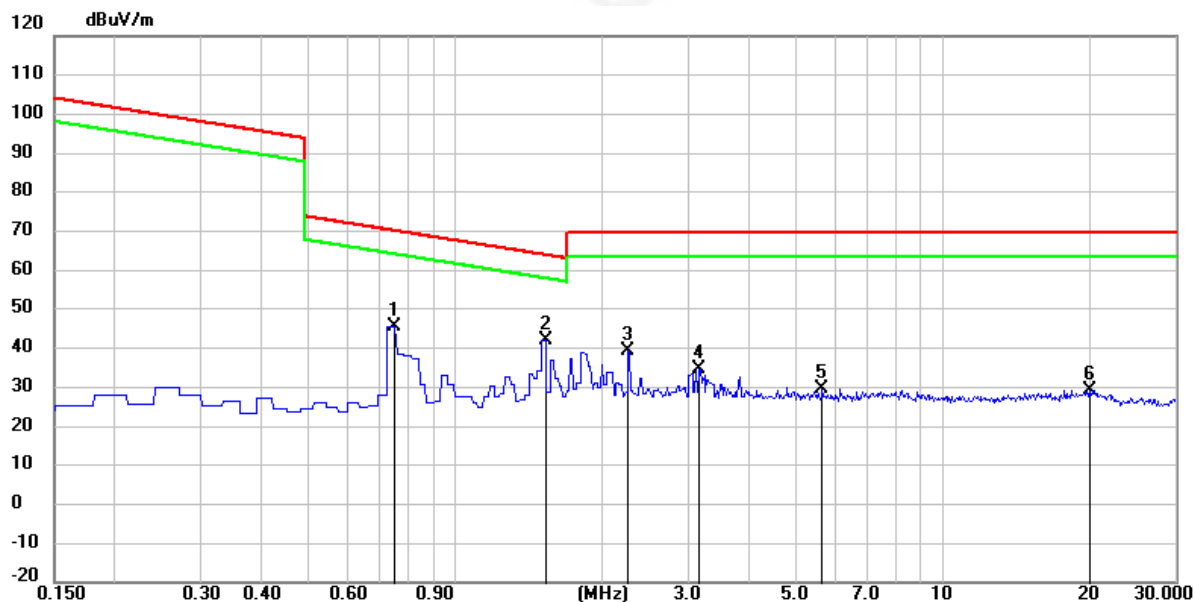
Temperature:	23.7℃	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coxial
Antenna Type:	FPC Antenna	Test Range:	9 KHz - 150 KHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0235	7.45	20.03	27.48	120.18	-92.70	AVG
2	0.0294	6.84	19.91	26.75	118.24	-91.49	AVG
3	0.0435	8.12	19.63	27.75	114.83	-87.08	AVG
4	0.0599	10.38	19.22	29.60	112.06	-82.46	AVG
5	0.1042	7.91	17.59	25.50	107.25	-81.75	QP
6 *	0.1417	9.89	17.52	27.41	104.58	-77.17	AVG



Temperature:	23.7°C	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coxial
Antenna Type:	FPC Antenna	Test Range:	150 KHz - 30 MHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.7470	25.08	20.30	45.38	70.14	-24.76	QP
2 *	1.5231	21.56	20.30	41.86	63.95	-22.09	QP
3	2.2606	18.90	20.32	39.22	69.50	-30.28	QP
4	3.1563	14.45	20.15	34.60	69.50	-34.90	QP
5	5.6424	9.13	20.46	29.59	69.50	-39.91	QP
6	19.9107	6.90	22.48	29.38	69.50	-40.12	QP

Note:

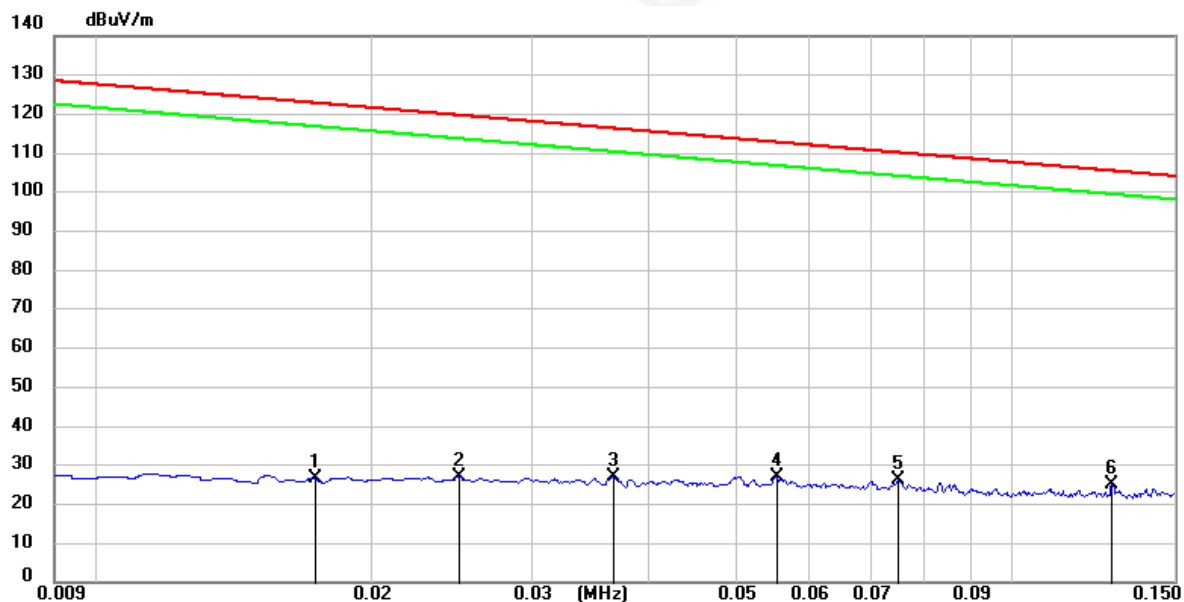
Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

We measured Radiated Emission at Low, Middle and High Channel from 9 KHz to 30 MHz and recorded worst case at Middle Channel.



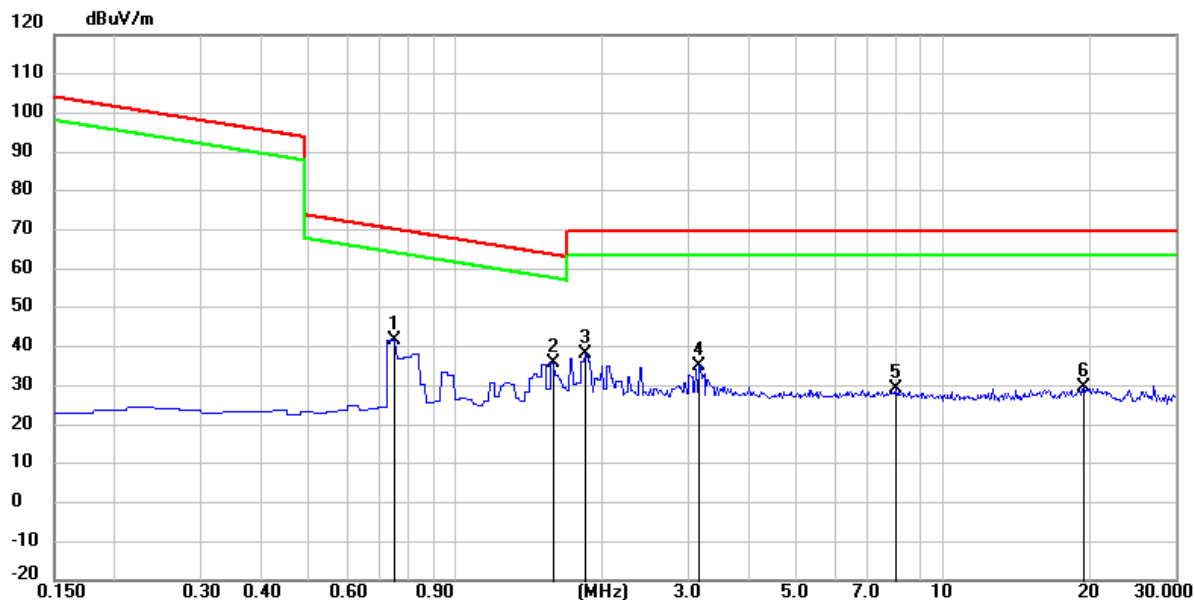
Temperature:	23.7°C	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coplanar
Antenna Type:	FPC Antenna	Test Range:	9 KHz - 150 KHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0173	6.54	19.91	26.45	122.84	-96.39	AVG
2	0.0249	6.98	20.00	26.98	119.68	-92.70	AVG
3	0.0366	7.15	19.77	26.92	116.33	-89.41	AVG
4	0.0551	7.71	19.36	27.07	112.78	-85.71	AVG
5	0.0748	7.31	18.80	26.11	110.13	-84.02	AVG
6 *	0.1281	7.58	17.54	25.12	105.45	-80.33	AVG



Temperature:	23.7℃	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coplanar
Antenna Type:	FPC Antenna	Test Range:	150 KHz – 30 MHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.7470	21.52	20.30	41.82	70.14	-28.32	QP
2 *	1.5828	15.36	20.32	35.68	63.62	-27.94	QP
3	1.8386	17.58	20.37	37.95	69.50	-31.55	QP
4	3.1563	14.73	20.15	34.88	69.50	-34.62	QP
5	7.9707	8.81	20.32	29.13	69.50	-40.37	QP
6	19.4032	7.08	22.36	29.44	69.50	-40.06	QP

Note:

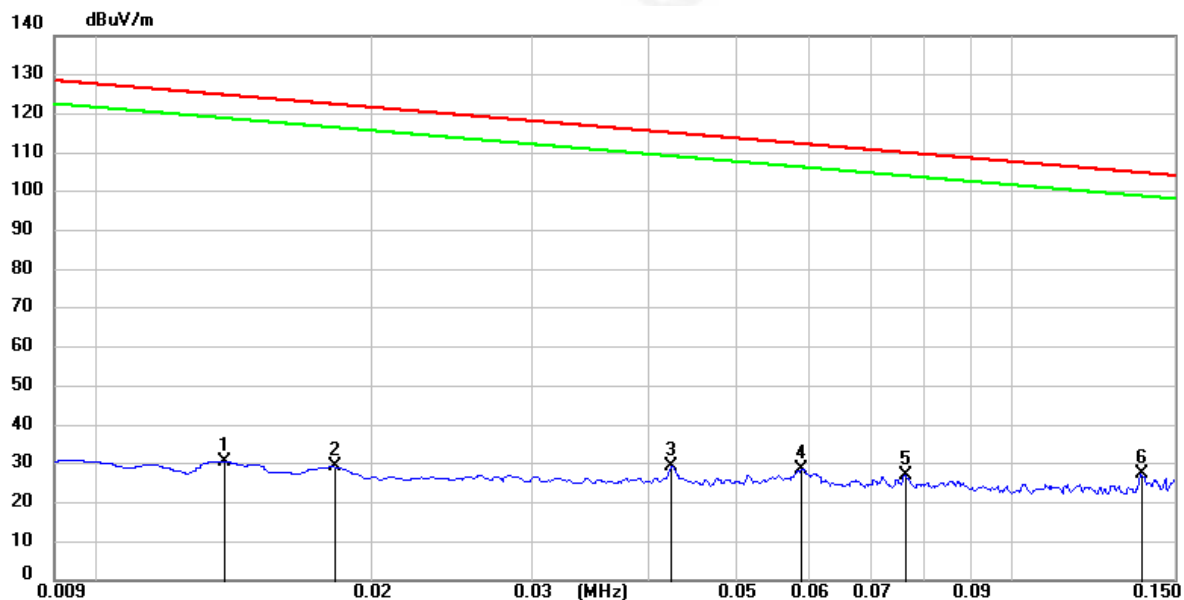
Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

We measured Radiated Emission at Low, Middle and High Channel from 9 KHz to 30 MHz and recorded worst case at Middle Channel.



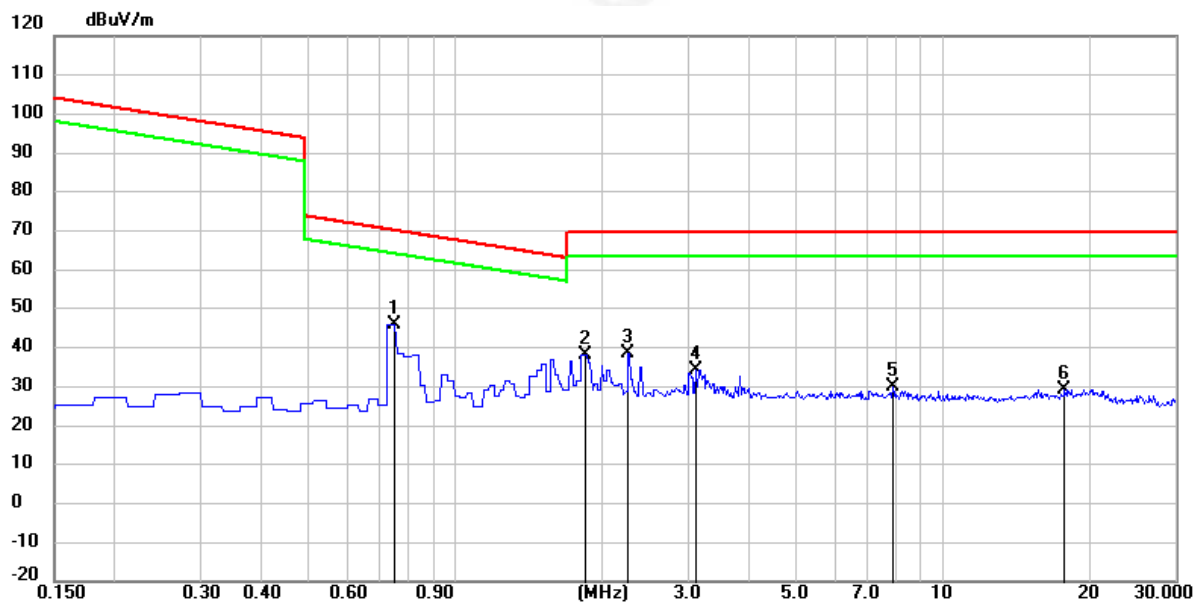
Temperature:	23.7°C	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coxial
Antenna Type:	Horn Antenna	Test Range:	9 KHz - 150 KHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0138	10.87	19.65	30.52	124.81	-94.29	AVG
2	0.0182	9.21	19.97	29.18	122.40	-93.22	AVG
3	0.0424	9.64	19.65	29.29	115.06	-85.77	AVG
4	0.0589	9.42	19.25	28.67	112.20	-83.53	AVG
5	0.0763	8.41	18.73	27.14	109.95	-82.81	AVG
6	0.1379	9.84	17.52	27.36	104.81	-77.45	AVG



Temperature:	23.7℃	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coxial
Antenna Type:	Horn Antenna	Test Range:	150 KHz – 30 MHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	0.7470	25.55	20.30	45.85	70.14	-24.29	QP
2	1.8386	17.89	20.37	38.26	69.50	-31.24	QP
3	2.2606	18.13	20.32	38.45	69.50	-31.05	QP
4	3.1052	14.23	20.13	34.36	69.50	-35.14	QP
5	7.8811	9.46	20.33	29.79	69.50	-39.71	QP
6	17.7018	7.36	21.95	29.31	69.50	-40.19	QP

Note:

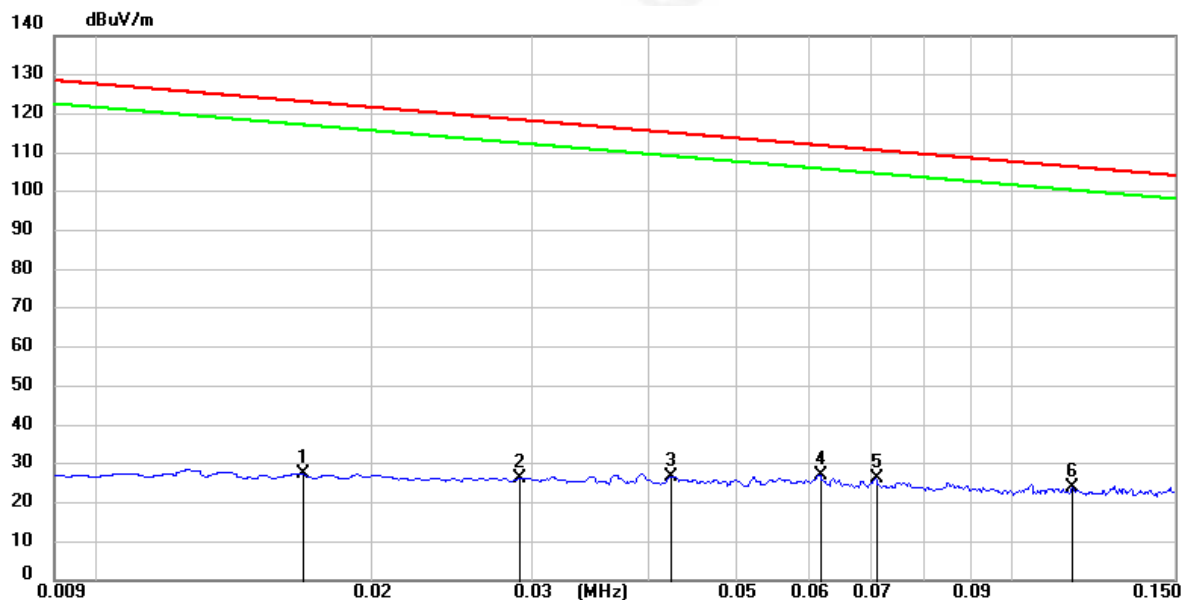
Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor

We measured Radiated Emission at Low, Middle and High Channel from 9 KHz to 30 MHz and recorded worst case at Middle Channel..



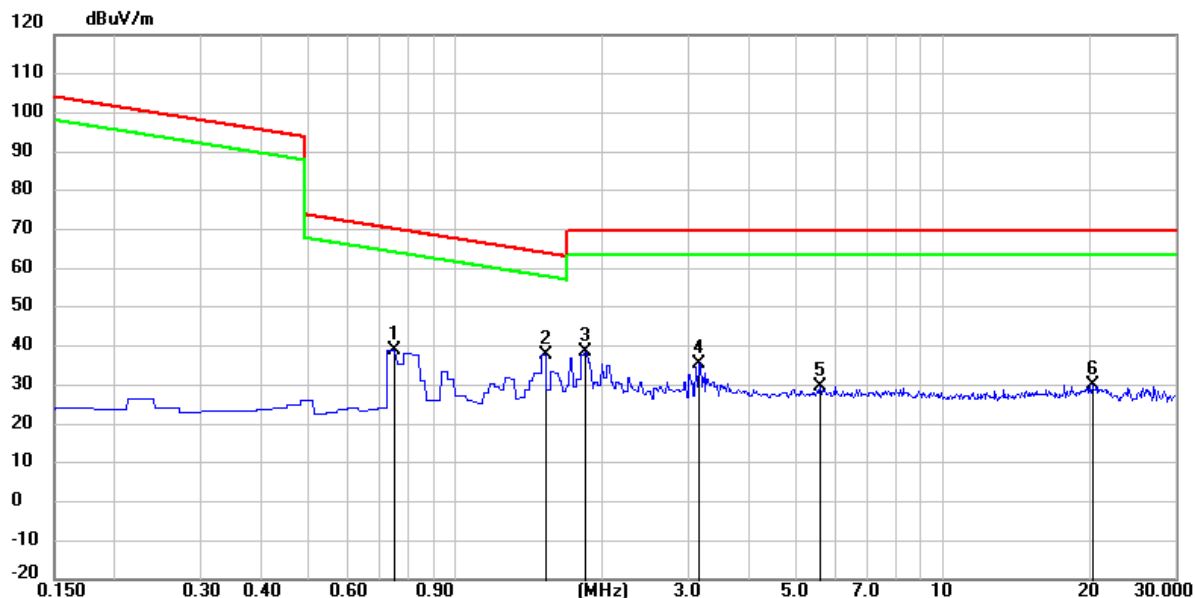
Temperature:	23.7°C	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coplanar
Antenna Type:	Horn Antenna	Test Range:	9 KHz - 150 KHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0168	7.63	19.87	27.50	123.10	-95.60	AVG
2	0.0290	6.48	19.92	26.40	118.36	-91.96	AVG
3	0.0423	7.16	19.65	26.81	115.08	-88.27	AVG
4	0.0615	7.83	19.18	27.01	111.83	-84.82	AVG
5	0.0708	7.15	18.92	26.07	110.60	-84.53	AVG
6 *	0.1160	6.41	17.57	23.98	106.32	-82.34	AVG



Temperature:	23.7℃	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coplanar
Antenna Type:	Horn Antenna	Test Range:	150 KHz – 30 MHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.7470	18.65	20.30	38.95	70.14	-31.19	QP
2 *	1.5231	17.28	20.30	37.58	63.95	-26.37	QP
3	1.8386	17.97	20.37	38.34	69.50	-31.16	QP
4	3.1563	15.23	20.15	35.38	69.50	-34.12	QP
5	5.5827	9.14	20.47	29.61	69.50	-39.89	QP
6	20.2689	7.53	22.40	29.93	69.50	-39.57	QP

Note:

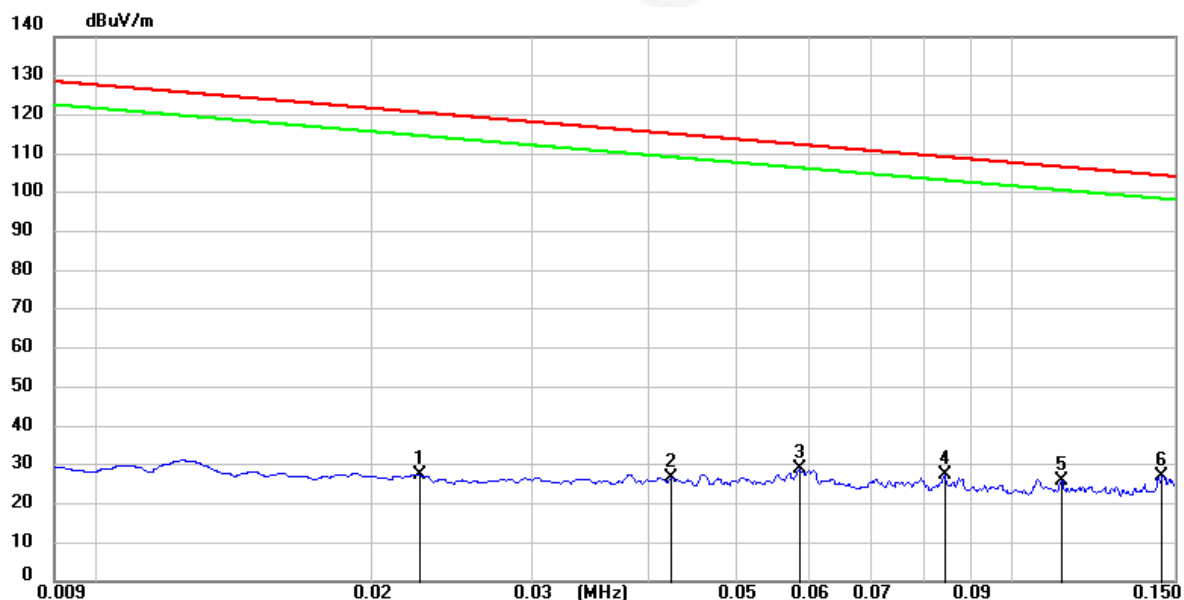
Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

We measured Radiated Emission at Low, Middle and High Channel from 9 KHz to 30 MHz and recorded worst case at Middle Channel.



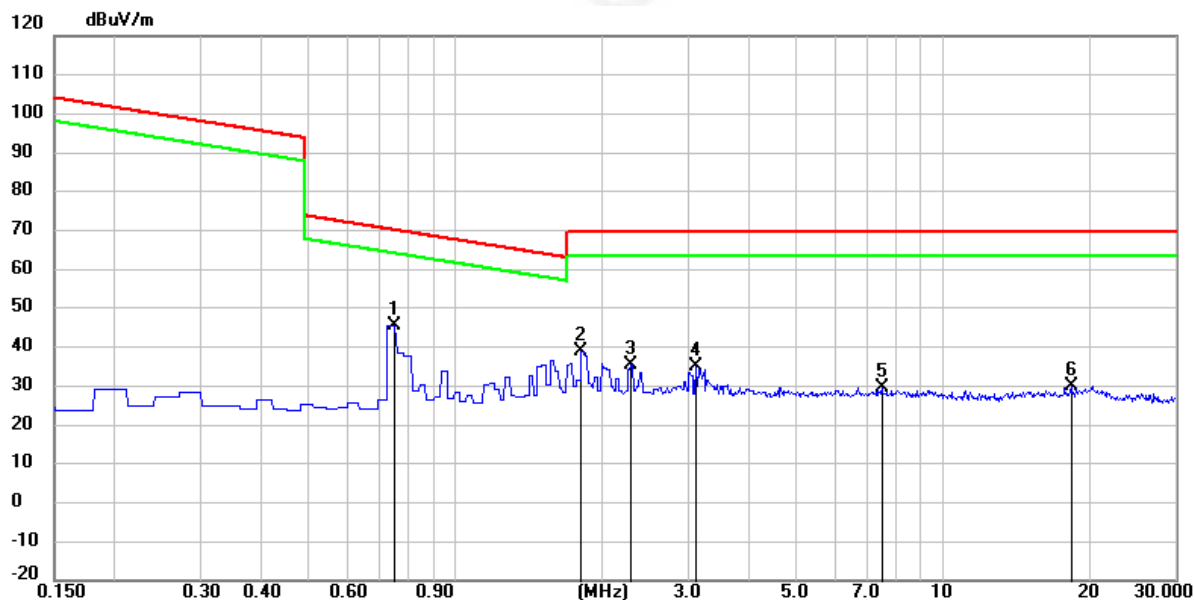
Temperature:	23.7℃	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coxial
Antenna Type:	Sucker Antenna	Test Range:	9 KHz - 150 KHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0225	7.27	20.05	27.32	120.56	-93.24	AVG
2	0.0424	7.18	19.65	26.83	115.06	-88.23	AVG
3	0.0585	9.58	19.26	28.84	112.26	-83.42	AVG
4	0.0842	8.90	18.36	27.26	109.10	-81.84	AVG
5	0.1128	8.34	17.57	25.91	106.56	-80.65	AVG
6 *	0.1452	9.57	17.51	27.08	104.36	-77.28	AVG



Temperature:	23.7°C	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coxial
Antenna Type:	Sucker Antenna	Test Range:	150 KHz – 30 MHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1 *	0.7470	25.31	20.30	45.61	70.14	-24.53	QP
2	1.8096	18.67	20.36	39.03	69.50	-30.47	QP
3	2.2847	15.07	20.31	35.38	69.50	-34.12	QP
4	3.1052	14.79	20.13	34.92	69.50	-34.58	QP
5	7.4633	9.22	20.35	29.57	69.50	-39.93	QP
6	18.2391	8.02	22.08	30.10	69.50	-39.40	QP

Note:

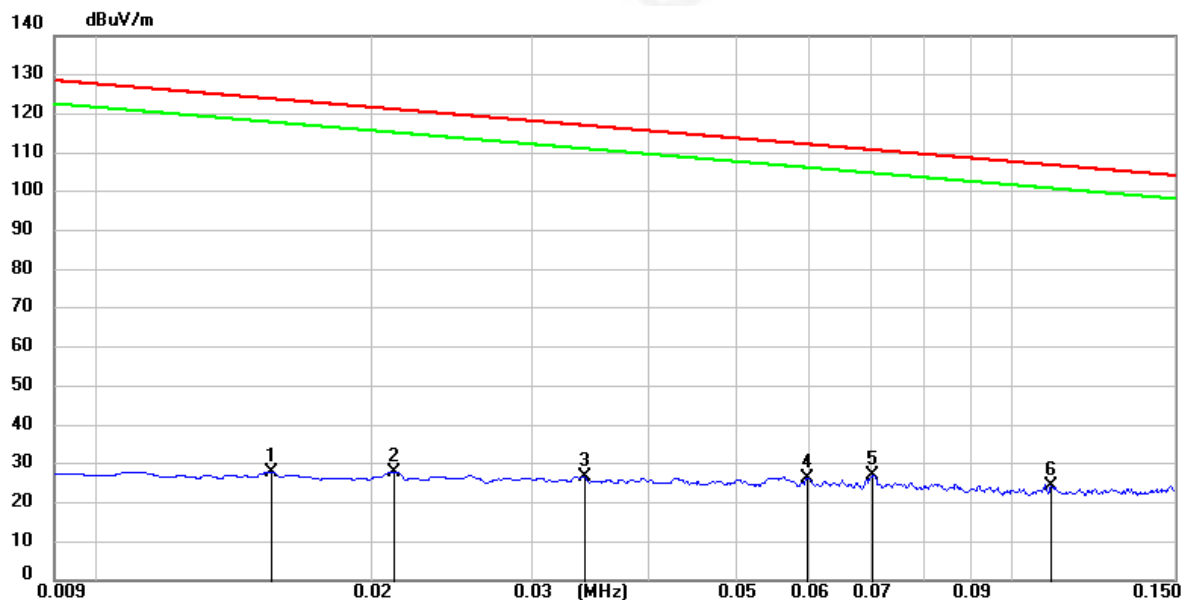
Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

Limit line = specific limits (dBuV) + distance extrapolation factor.

We measured Radiated Emission at Low, Middle and High Channel from 9 KHz to 30 MHz and recorded worst case at Middle Channel.



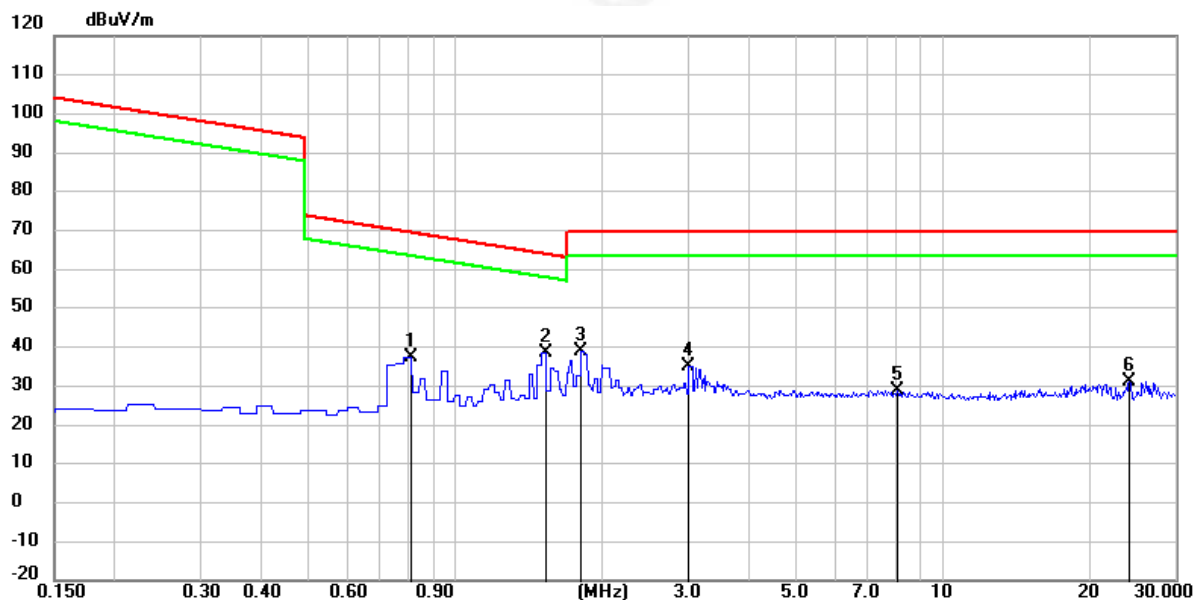
Temperature:	23.7°C	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coplanar
Antenna Type:	Sucker Antenna	Test Range:	9 KHz - 150 KHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0155	8.16	19.78	27.94	123.80	-95.86	AVG
2	0.0211	7.89	20.08	27.97	121.12	-93.15	AVG
3	0.0340	6.94	19.82	26.76	116.97	-90.21	AVG
4	0.0596	7.07	19.23	26.30	112.10	-85.80	AVG
5	0.0703	8.09	18.93	27.02	110.67	-83.65	AVG
6 *	0.1100	6.84	17.58	24.42	106.78	-82.36	AVG



Temperature:	23.7°C	Relative Humidity:	54%
Test Voltage:	DC 5V From Notebook	Polarization:	Coplanar
Antenna Type:	Sucker Antenna	Test Range:	150 KHz – 30 MHz
Test Mode:	Middle Channel(Worst Channel)		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.8067	17.27	20.28	37.55	69.47	-31.92	QP
2 *	1.5231	18.07	20.30	38.37	63.95	-25.58	QP
3	1.8096	18.59	20.36	38.95	69.50	-30.55	QP
4	3.0094	15.09	20.10	35.19	69.50	-34.31	QP
5	8.0602	8.52	20.32	28.84	69.50	-40.66	QP
6	24.0897	10.05	20.95	31.00	69.50	-38.50	QP

Note:

Distance extrapolation factor = $40 \log (\text{specific distance}/\text{test distance})$ (dB);

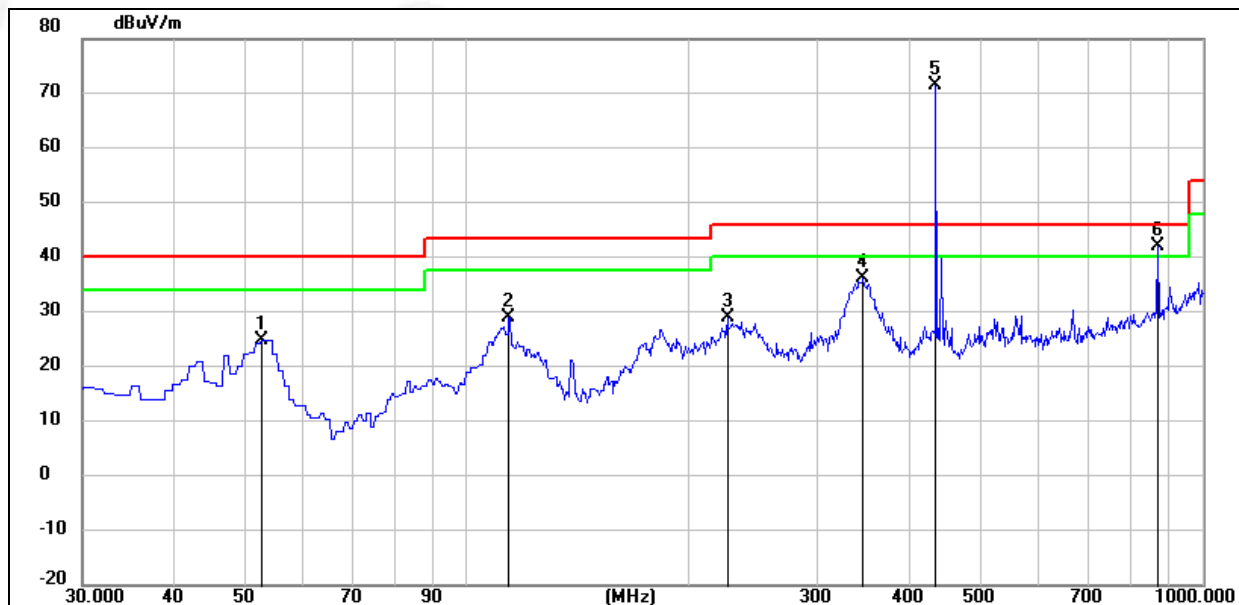
Limit line = specific limits (dBuV) + distance extrapolation factor

We measured Radiated Emission at Low, Middle and High Channel from 9 KHz to 30 MHz and recorded worst case at Middle Channel..



Radiated Spurious Emission (Between 30MHz – 1GHz)

Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	Low Channel
Antenna Type:	Dipole Antenna		



No.	Frequency (MHz)	Reading (dBUV)	Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Pass/Fail
1	52.5753	49.00	-24.26	24.74	40.00	-15.26	QP	Pass
2	114.1138	47.74	-18.65	29.09	43.50	-14.41	QP	Pass
3	225.9400	48.27	-19.28	28.99	46.00	-17.01	QP	Pass
4	345.2500	49.57	-13.23	36.34	46.00	-9.66	QP	Pass
6	866.1400	42.63	-0.49	42.14	46.00	-3.86	QP	Pass

Fundamental Frequency

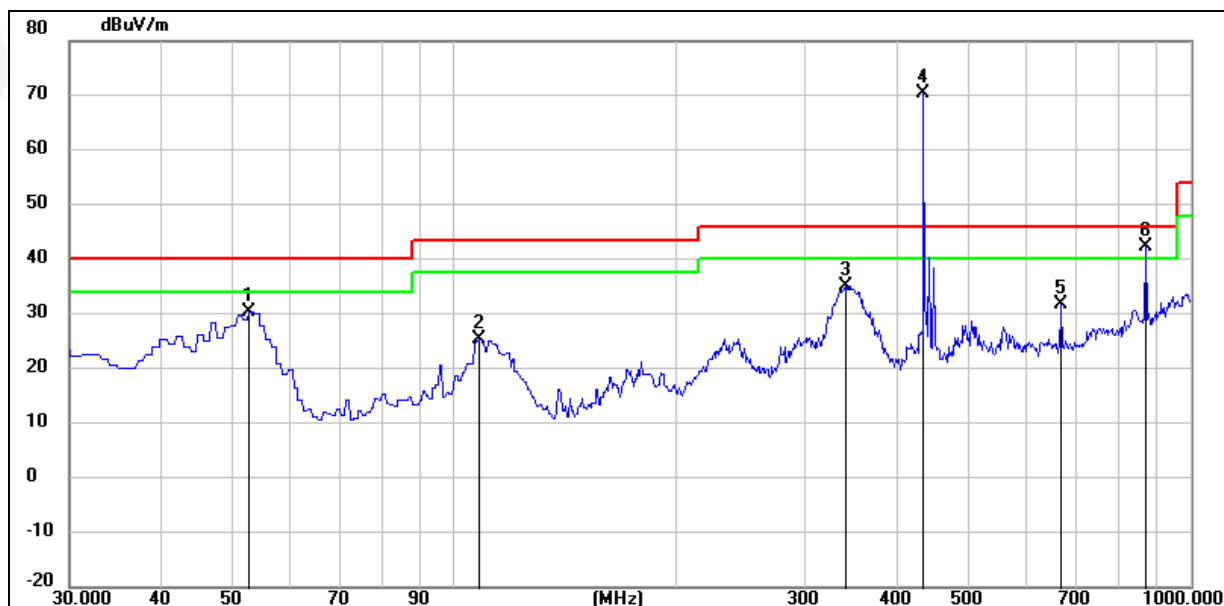
No.	Frequency (MHz)	Reading (dBUV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Remark	Pass/Fail
5 *	433.1025	81.60	-10.13	-	71.47	92.84	-21.37	peak	Pass
5 *	433.1025	81.60	-10.13	0	71.47	72.84	-1.37	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	Low Channel
Antenna Type:	Dipole Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	52.5753	54.56	-24.26	30.30	40.00	-9.70	QP	Pass
2	108.2667	44.65	-19.26	25.39	43.50	-18.11	QP	Pass
3	338.4600	48.63	-13.46	35.17	46.00	-10.83	QP	Pass
5	666.3200	36.57	-4.66	31.91	46.00	-14.09	QP	Pass
6	866.1400	42.83	-0.49	42.34	46.00	-3.66	QP	Pass

Fundamental Frequency

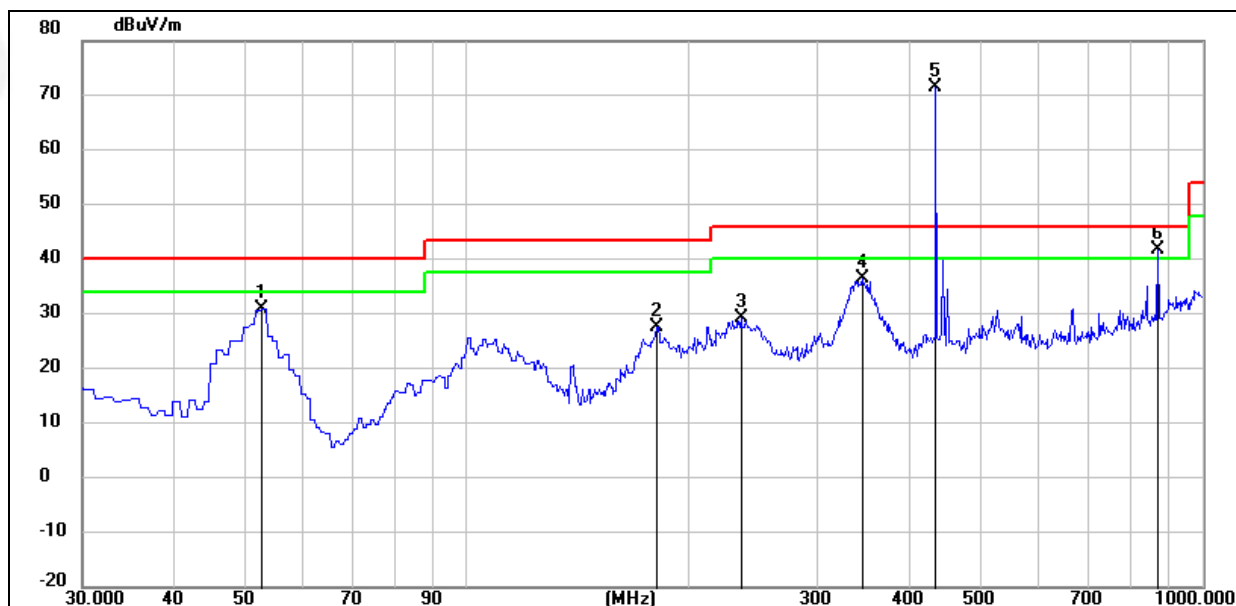
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
4 *	433.1025	80.68	-10.13	-	70.55	92.84	-22.29	peak	Pass
4 *	433.1025	80.68	-10.13	0	70.55	72.84	-2.29	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	Middle Channel
Antenna Type:	Dipole Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	52.5753	55.22	-24.26	30.96	40.00	-9.04	QP	Pass
2	181.2834	47.85	-20.11	27.74	43.50	-15.76	QP	Pass
3	235.6400	48.06	-18.62	29.44	46.00	-16.56	QP	Pass
4	343.3100	49.72	-13.29	36.43	46.00	-9.57	QP	Pass
6	868.0800	42.40	-0.51	41.89	46.00	-4.11	QP	Pass

Fundamental Frequency

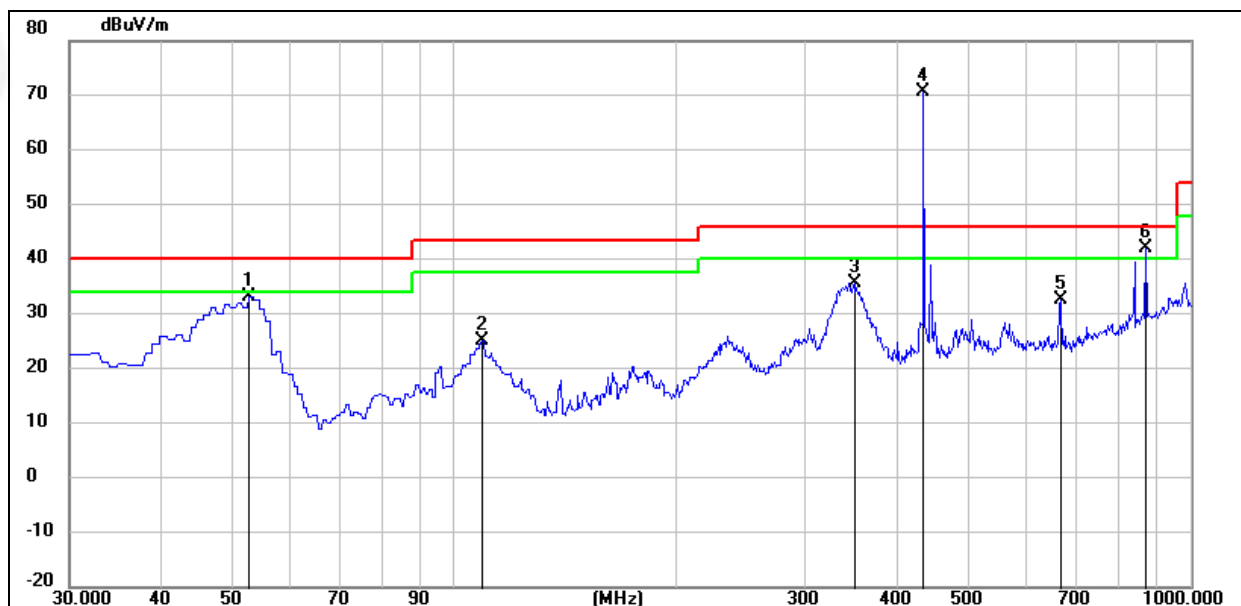
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
5	433.8025	81.76	-10.12	-	71.64	92.87	-21.23	peak	Pass
5	433.8025	81.76	-10.12	0	71.64	72.87	-1.23	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	Middle Channel
Antenna Type:	Dipole Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	52.5753	57.42	-24.26	33.16	40.00	-6.84	QP	Pass
2	109.0286	44.22	-19.17	25.05	43.50	-18.45	QP	Pass
3	349.1300	48.84	-13.09	35.75	46.00	-10.25	QP	Pass
5	664.3800	37.39	-4.71	32.68	46.00	-13.32	QP	Pass
6	868.0800	42.73	-0.51	42.22	46.00	-3.78	QP	Pass

Fundamental Frequency

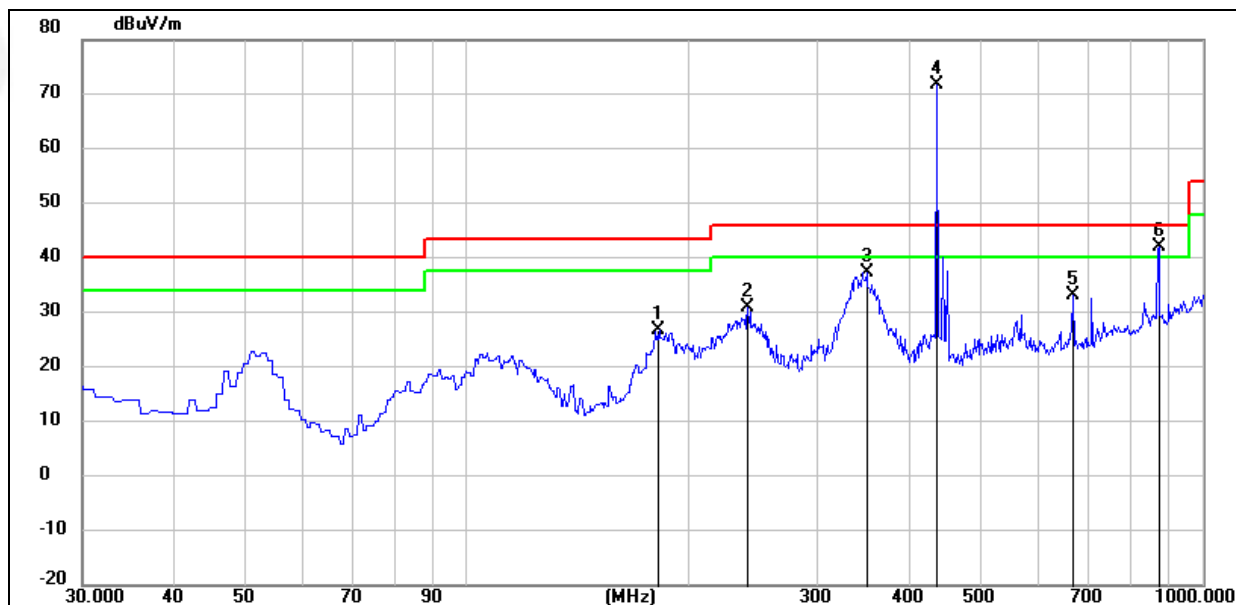
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
4	433.8025	80.72	-10.12	-	70.6	92.87	-22.27	peak	Pass
4	433.8025	80.72	-10.12	0	70.6	72.87	-2.27	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	High Channel
Antenna Type:	Dipole Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	182.2899	47.13	-20.19	26.94	43.50	-16.56	QP	Pass
2	240.4900	48.81	-17.93	30.88	46.00	-15.12	QP	Pass
3	349.1300	50.55	-13.09	37.46	46.00	-8.54	QP	Pass
5	666.3200	37.98	-4.66	33.32	46.00	-12.68	QP	Pass
6	870.0200	42.75	-0.53	42.22	46.00	-3.78	QP	Pass

Fundamental Frequency

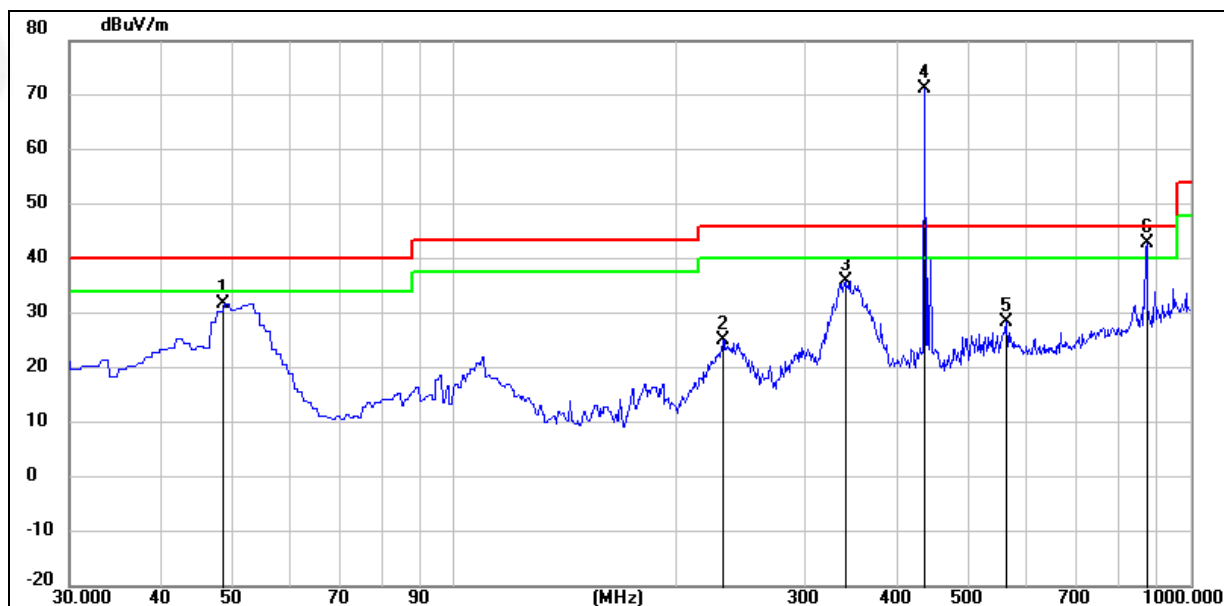
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Pass/Fail
4 *	434.6025	81.98	-10.12	-	71.86	92.89	-21.03	peak	Pass
4 *	434.6025	81.98	-10.12	0	71.86	72.89	-1.03	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	High Channel
Antenna Type:	Dipole Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	48.6719	54.47	-22.57	31.90	40.00	-8.10	QP	Pass
2	231.7179	44.04	-18.97	25.07	46.00	-20.93	QP	Pass
3	339.4300	49.43	-13.43	36.00	46.00	-10.00	QP	Pass
5	561.5600	34.00	-5.51	28.49	46.00	-17.51	QP	Pass
6	870.0200	43.39	-0.53	42.86	46.00	-3.14	QP	Pass

Fundamental Frequency

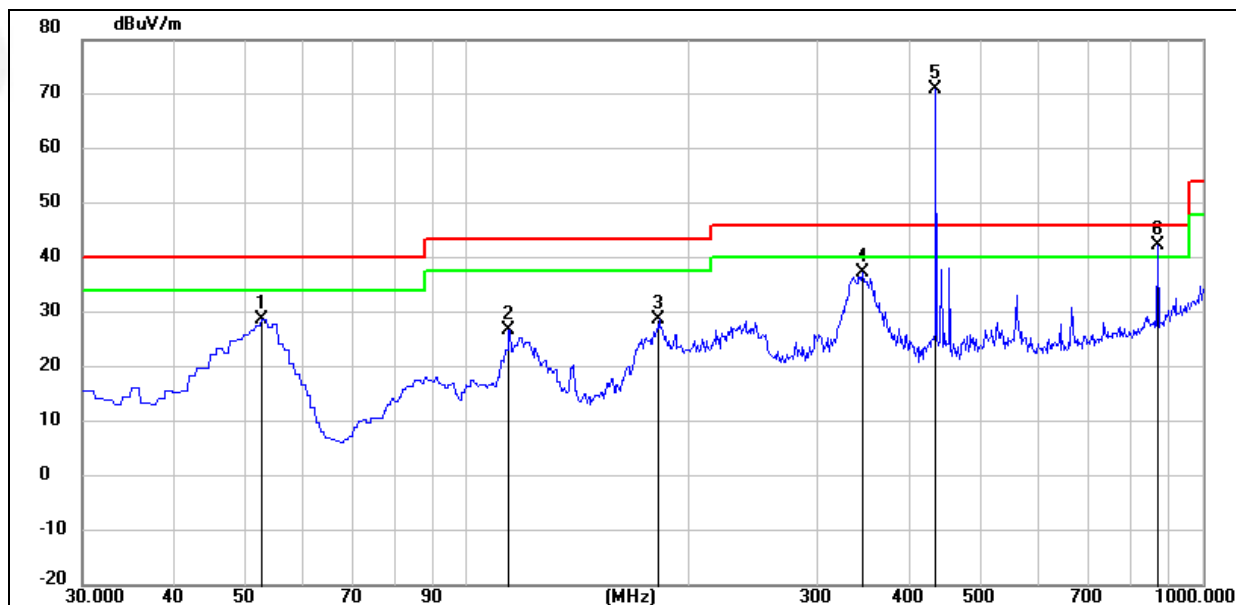
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
4 *	434.6025	81.25	-10.12	-	71.13	92.89	-21.76	peak	Pass
4 *	434.6025	81.25	-10.12	0	71.13	72.89	-1.76	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	Low Channel
Antenna Type:	FPC Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	52.5753	52.89	-24.26	28.63	40.00	-11.37	QP	Pass
2	114.1138	45.36	-18.65	26.71	43.50	-16.79	QP	Pass
3	182.2899	48.92	-20.19	28.73	43.50	-14.77	QP	Pass
4	345.2500	50.51	-13.23	37.28	46.00	-8.72	QP	Pass
6	866.1400	42.89	-0.49	42.40	46.00	-3.60	QP	Pass

Fundamental Frequency

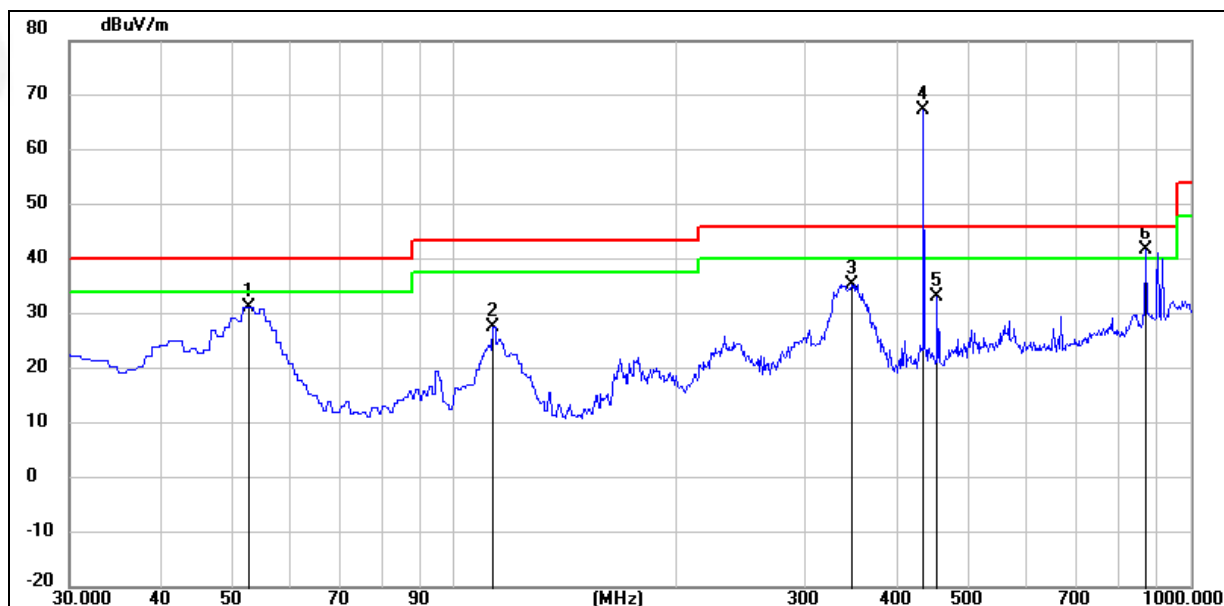
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
5	433.1025	81.24	-10.13	-	71.11	92.84	-21.73	peak	Pass
5	433.1025	81.24	-10.13	0	71.11	72.84	-1.73	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	Low Channel
Antenna Type:	FPC Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	52.5753	55.63	-24.26	31.37	40.00	-8.63	QP	Pass
2	112.9196	46.34	-18.77	27.57	43.50	-15.93	QP	Pass
3	346.2200	48.68	-13.19	35.49	46.00	-10.51	QP	Pass
5	451.9500	42.94	-9.63	33.31	46.00	-12.69	QP	Pass
6	866.1400	42.40	-0.49	41.91	46.00	-4.09	QP	Pass

Fundamental Frequency

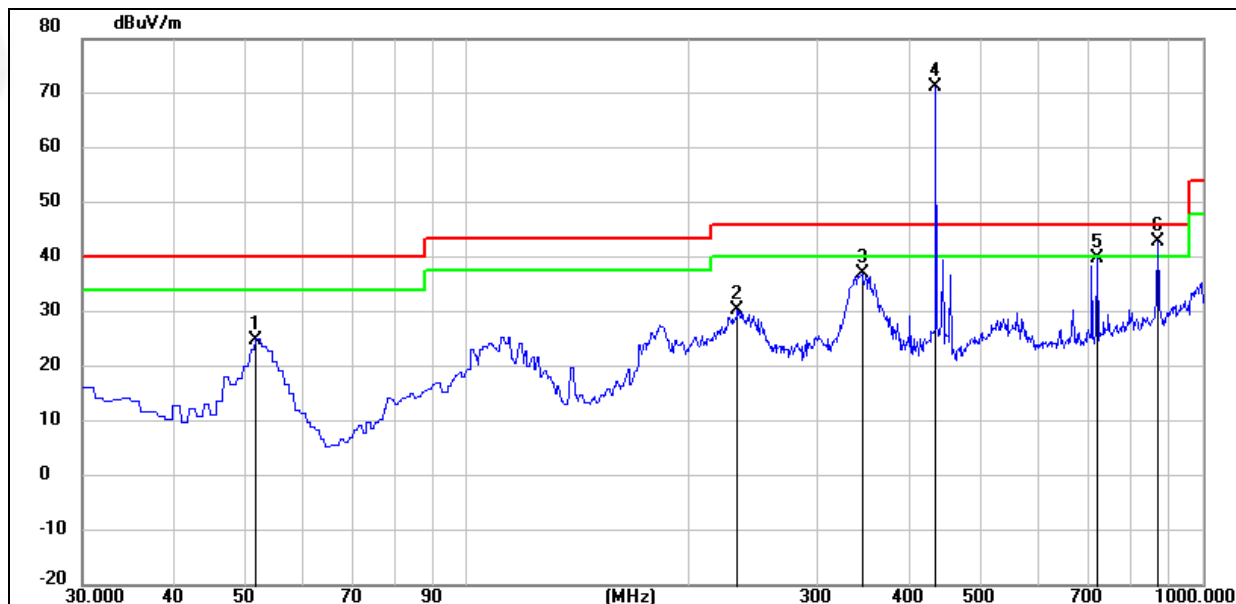
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
4 *	433.1025	77.39	-10.13	-	67.26	92.84	-25.58	peak	Pass
4 *	433.1025	77.39	-10.13	0	67.26	72.84	-5.58	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	Middle Channel
Antenna Type:	FPC Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	51.6616	48.96	-23.96	25.00	40.00	-15.00	QP	Pass
2	232.7300	49.33	-18.89	30.44	46.00	-15.56	QP	Pass
3	344.2800	50.34	-13.26	37.08	46.00	-8.92	QP	Pass
5	716.7600	43.29	-3.45	39.84	46.00	-6.16	QP	Pass
6	868.0800	43.50	-0.51	42.99	46.00	-3.01	QP	Pass

Fundamental Frequency

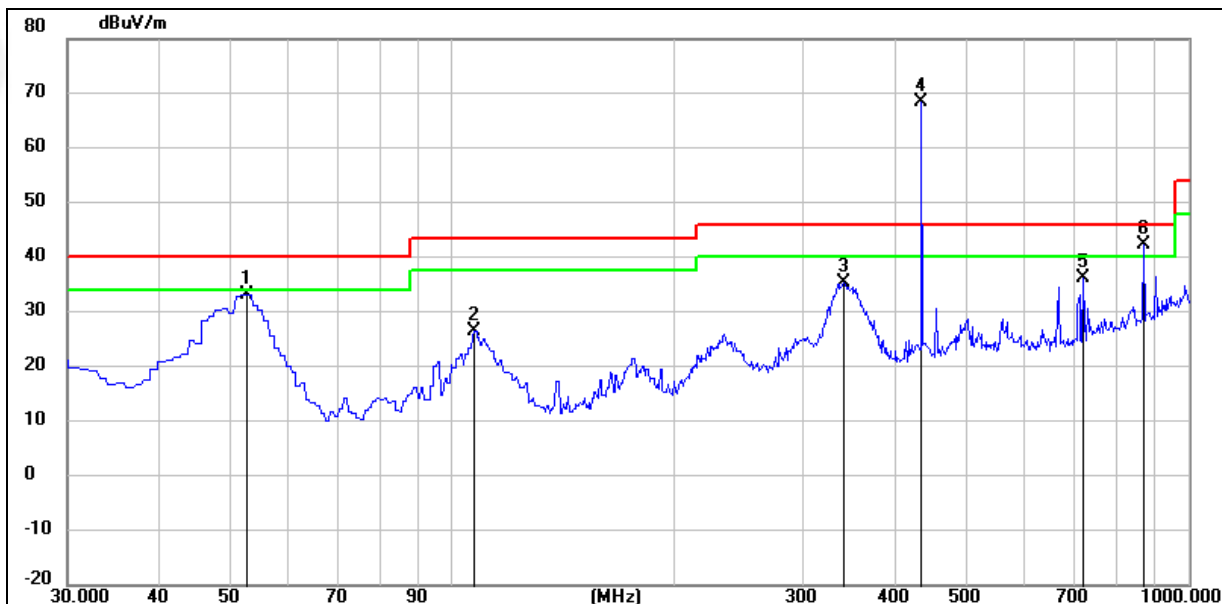
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
4 *	433.8025	81.27	-10.12	-	71.15	92.87	-21.72	peak	Pass
4 *	433.8025	81.27	-10.12	0	71.15	72.87	-1.72	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	Middle Channel
Antenna Type:	FPC Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	52.5753	57.50	-24.26	33.24	40.00	-6.76	QP	Pass
2	107.1337	46.00	-19.38	26.62	43.50	-16.88	QP	Pass
3	340.4000	48.75	-13.39	35.36	46.00	-10.64	QP	Pass
5	716.7600	39.66	-3.45	36.21	46.00	-9.79	QP	Pass
6	868.0800	42.80	-0.51	42.29	46.00	-3.71	QP	Pass

Fundamental Frequency

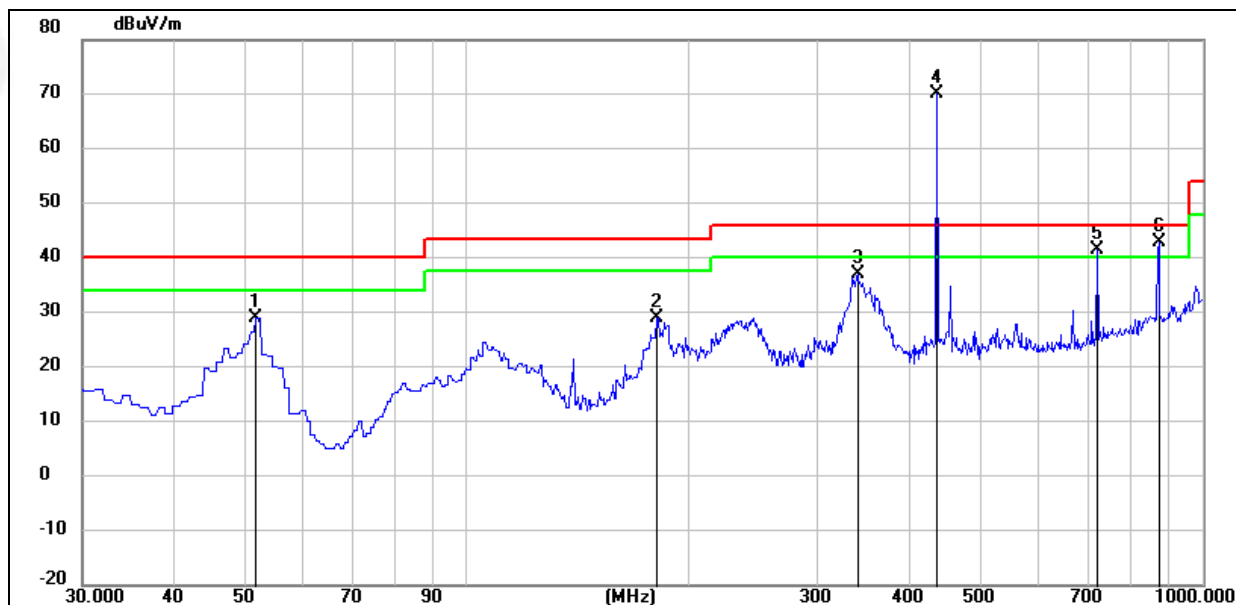
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
4 *	433.8025	78.68	-10.12	-	68.56	92.87	-24.31	peak	Pass
4 *	433.8025	78.68	-10.12	0	68.56	72.87	-4.31	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	High Channel
Antenna Type:	FPC Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	51.6616	52.85	-23.96	28.89	40.00	-11.11	QP	Pass
2	181.2834	49.00	-20.11	28.89	43.50	-14.61	QP	Pass
3	338.4600	50.55	-13.46	37.09	46.00	-8.91	QP	Pass
5	716.7600	44.95	-3.45	41.50	46.00	-4.50	QP	Pass
6	870.0200	43.36	-0.53	42.83	46.00	-3.17	QP	Pass

Fundamental Frequency

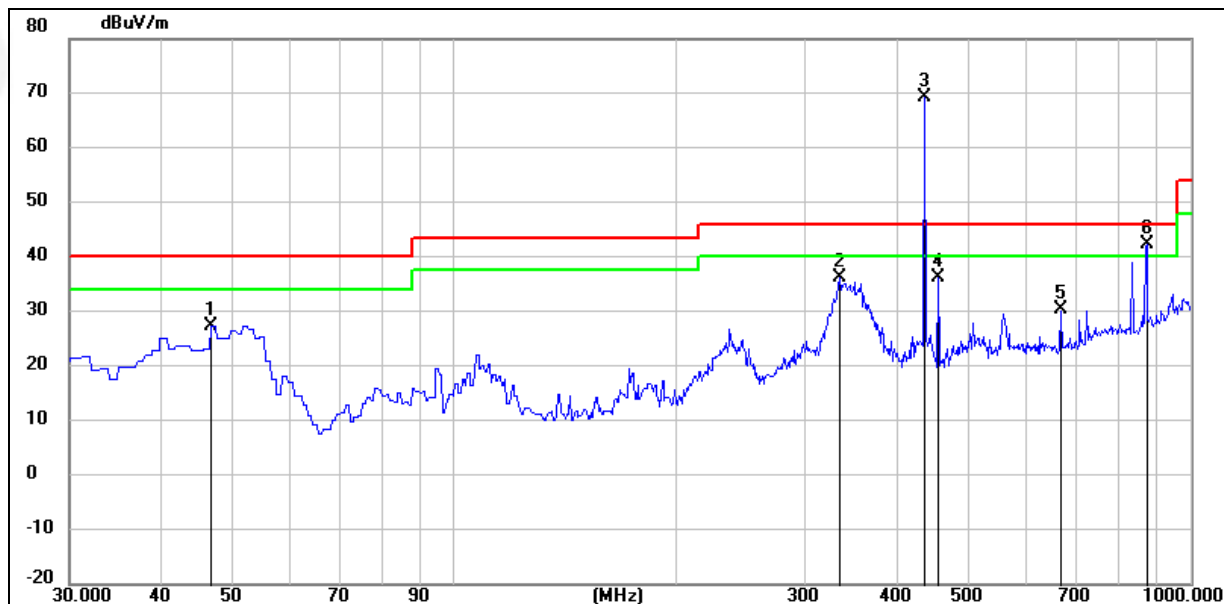
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Pass/Fail
4 *	434.6025	80.27	-10.12	-	70.15	92.89	-22.74	peak	Pass
4 *	434.6025	80.27	-10.12	0	70.15	72.89	-2.74	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	High Channel
Antenna Type:	FPC Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	46.6664	48.88	-21.50	27.38	40.00	-12.62	QP	Pass
2	332.6400	49.88	-13.62	36.26	46.00	-9.74	QP	Pass
4	453.8900	45.88	-9.59	36.29	46.00	-9.71	QP	Pass
5	664.3800	34.99	-4.71	30.28	46.00	-15.72	QP	Pass
6	870.0200	42.84	-0.53	42.31	46.00	-3.69	QP	Pass

Fundamental Frequency

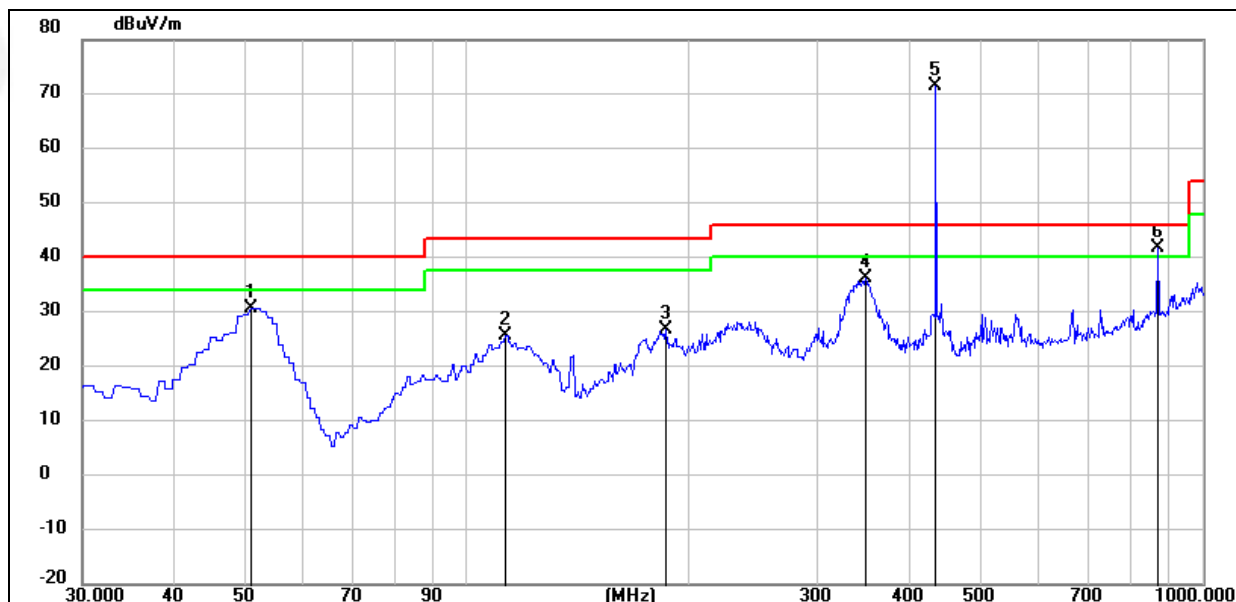
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
3	434.6025	79.56	-10.12	-	69.44	92.89	-23.45	peak	Pass
3	434.6025	79.56	-10.12	0	69.44	72.89	-3.45	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	Low Channel
Antenna Type:	Horn Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	50.5860	54.13	-23.51	30.62	40.00	-9.38	QP	Pass
2	112.9196	44.49	-18.77	25.72	43.50	-17.78	QP	Pass
3	186.1700	47.24	-20.53	26.71	43.50	-16.79	QP	Pass
4	347.1900	49.34	-13.16	36.18	46.00	-9.82	QP	Pass
6	866.1400	42.27	-0.49	41.78	46.00	-4.22	QP	Pass

Fundamental Frequency

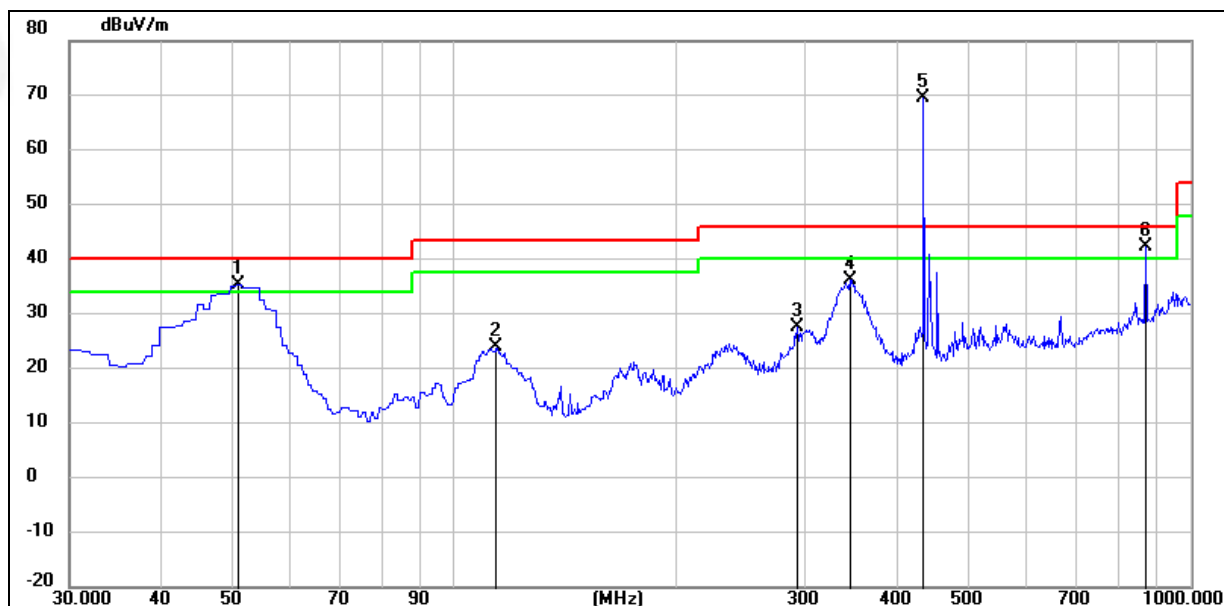
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
5	433.1025	81.56	-10.13	-	71.43	92.84	-21.41	peak	Pass
5	433.1025	81.56	-10.13	0	71.43	72.84	-1.41	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	Low Channel
Antenna Type:	Horn Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	50.5860	58.96	-23.51	35.45	40.00	-4.55	QP	Pass
2	114.1138	42.54	-18.65	23.89	43.50	-19.61	QP	Pass
3	291.9000	42.61	-15.09	27.52	46.00	-18.48	QP	Pass
4	344.2800	49.47	-13.26	36.21	46.00	-9.79	QP	Pass
6	866.1400	42.91	-0.49	42.42	46.00	-3.58	QP	Pass

Fundamental Frequency

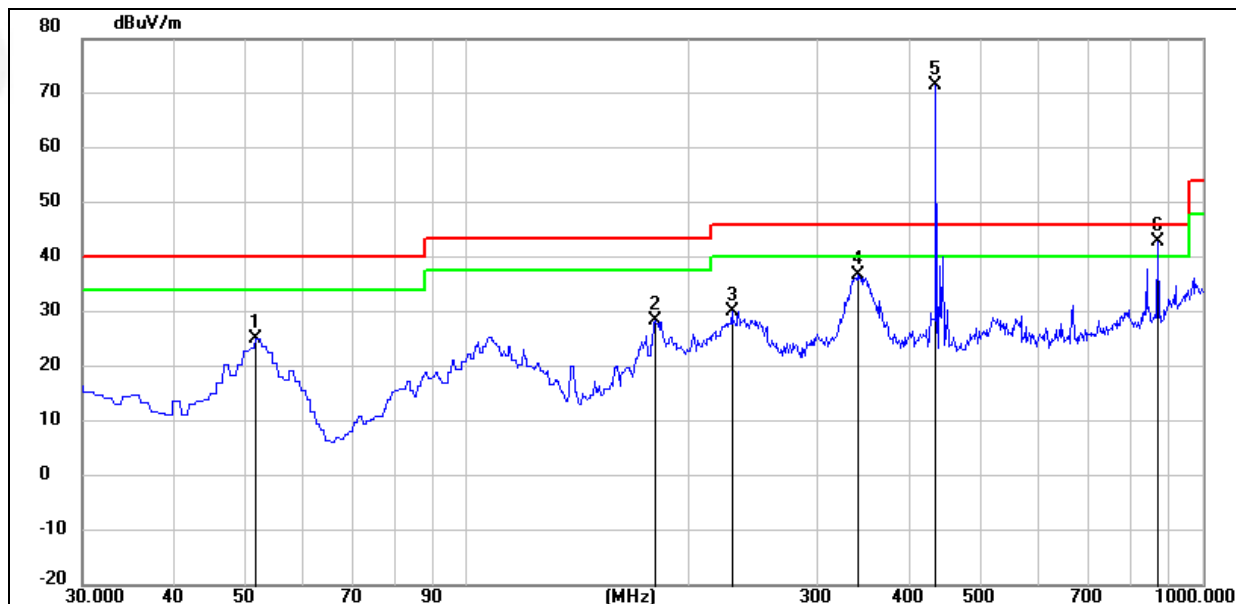
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
5 *	433.1025	79.63	-10.13	-	69.5	92.84	-23.34	peak	Pass
5 *	433.1025	79.63	-10.13	0	69.5	72.84	-3.34	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	Middle Channel
Antenna Type:	Horn Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	51.6616	49.20	-23.96	25.24	40.00	-14.76	QP	Pass
2	180.0165	48.39	-20.01	28.38	43.50	-15.12	QP	Pass
3	228.8500	49.34	-19.17	30.17	46.00	-15.83	QP	Pass
4	339.4300	50.20	-13.43	36.77	46.00	-9.23	QP	Pass
6	868.0800	43.32	-0.51	42.81	46.00	-3.19	QP	Pass

Fundamental Frequency

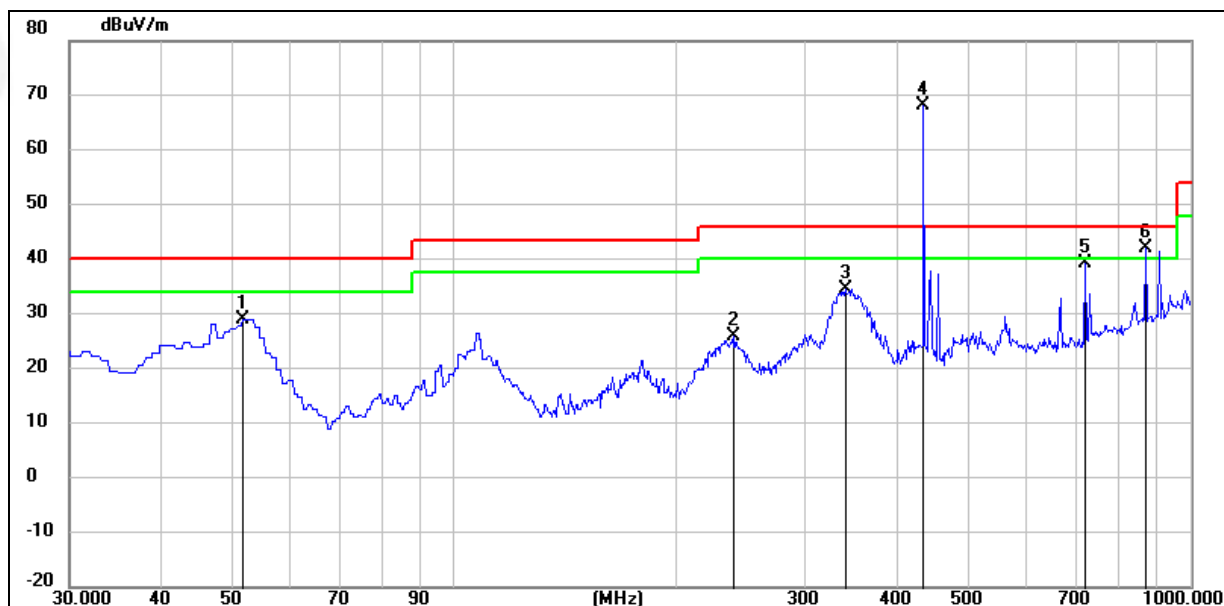
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
5	433.8025	81.65	-10.12	-	71.53	92.87	-21.34	peak	Pass
5	433.8025	81.65	-10.12	0	71.53	72.87	-1.34	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	Middle Channel
Antenna Type:	Horn Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	51.6616	53.04	-23.96	29.08	40.00	-10.92	QP	Pass
2	239.5200	44.12	-18.10	26.02	46.00	-19.98	QP	Pass
3	338.4600	48.06	-13.46	34.60	46.00	-11.40	QP	Pass
5	716.7600	42.81	-3.45	39.36	46.00	-6.64	QP	Pass
6	868.0800	42.51	-0.51	42.00	46.00	-4.00	QP	Pass

Fundamental Frequency

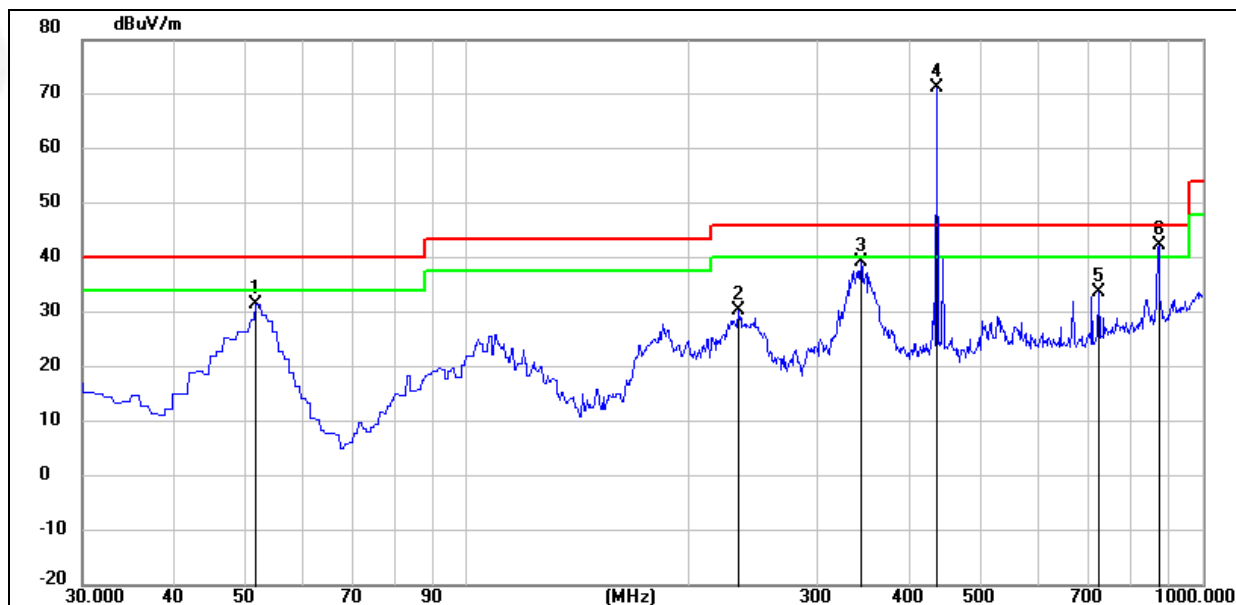
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
4 *	433.8025	78.29	-10.12	-	68.17	92.87	-24.7	peak	Pass
4 *	433.8025	78.29	-10.12	0	68.17	72.87	-4.7	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	High Channel
Antenna Type:	Horn Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	51.6616	55.57	-23.96	31.61	40.00	-8.39	QP	Pass
2	233.7000	49.11	-18.81	30.30	46.00	-15.70	QP	Pass
3	342.3400	52.59	-13.33	39.26	46.00	-6.74	QP	Pass
5	722.5800	36.76	-3.04	33.72	46.00	-12.28	QP	Pass
6	870.0200	42.89	-0.53	42.36	46.00	-3.64	QP	Pass

Fundamental Frequency

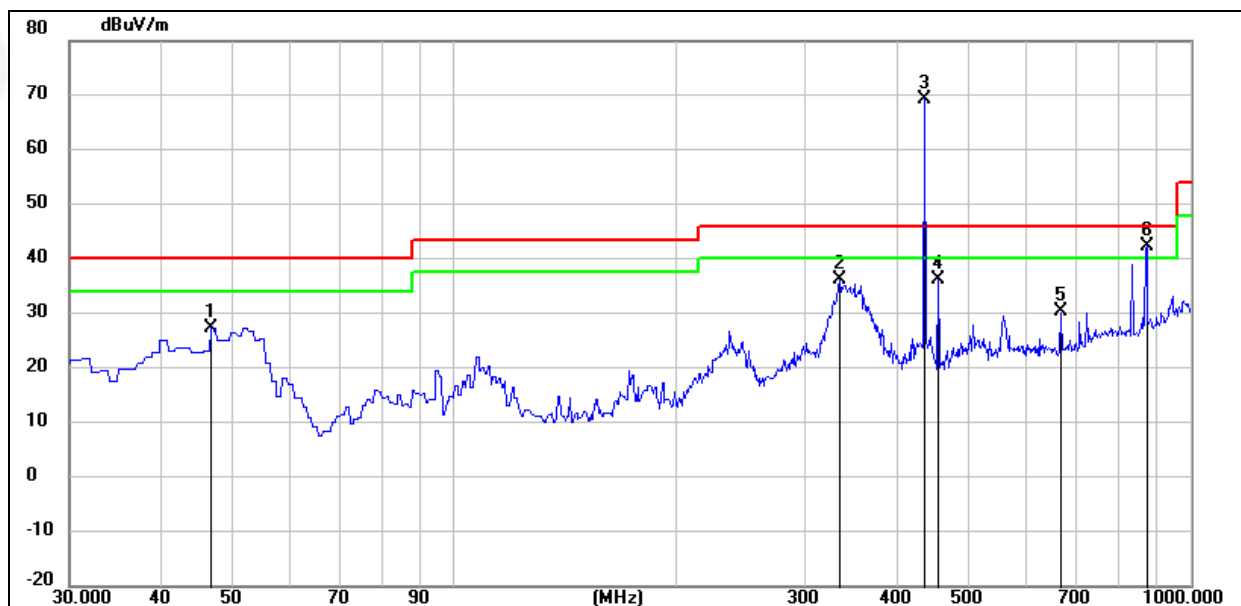
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
4 *	434.6025	81.30	-10.12	-	71.18	92.89	-21.71	peak	Pass
4 *	434.6025	81.30	-10.12	0	71.18	72.89	-1.71	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	High Channel
Antenna Type:	Horn Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	46.6664	48.88	-21.50	27.38	40.00	-12.62	QP	Pass
2	332.6400	49.88	-13.62	36.26	46.00	-9.74	QP	Pass
4	453.8900	45.88	-9.59	36.29	46.00	-9.71	QP	Pass
5	664.3800	34.99	-4.71	30.28	46.00	-15.72	QP	Pass
6	870.0200	42.84	-0.53	42.31	46.00	-3.69	QP	Pass

Fundamental Frequency

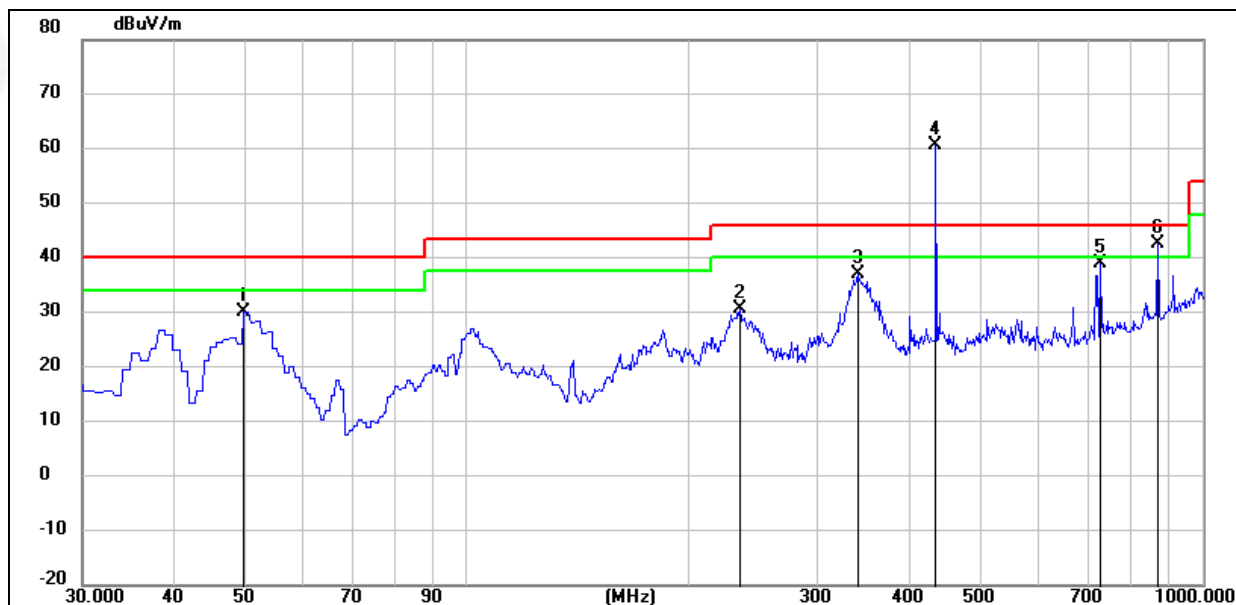
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
3	434.6025	79.56	-10.12	-	69.44	92.89	-23.45	peak	Pass
3	434.6025	79.56	-10.12	0	69.44	72.89	-3.45	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	Low Channel
Antenna Type:	Sucker Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	49.7068	53.18	-23.11	30.07	40.00	-9.93	QP	Pass
2	234.6700	49.39	-18.73	30.66	46.00	-15.34	QP	Pass
3	339.4300	50.57	-13.43	37.14	46.00	-8.86	QP	Pass
5	726.4600	41.77	-2.75	39.02	46.00	-6.98	QP	Pass
6	866.1400	43.14	-0.49	42.65	46.00	-3.35	QP	Pass

Fundamental Frequency

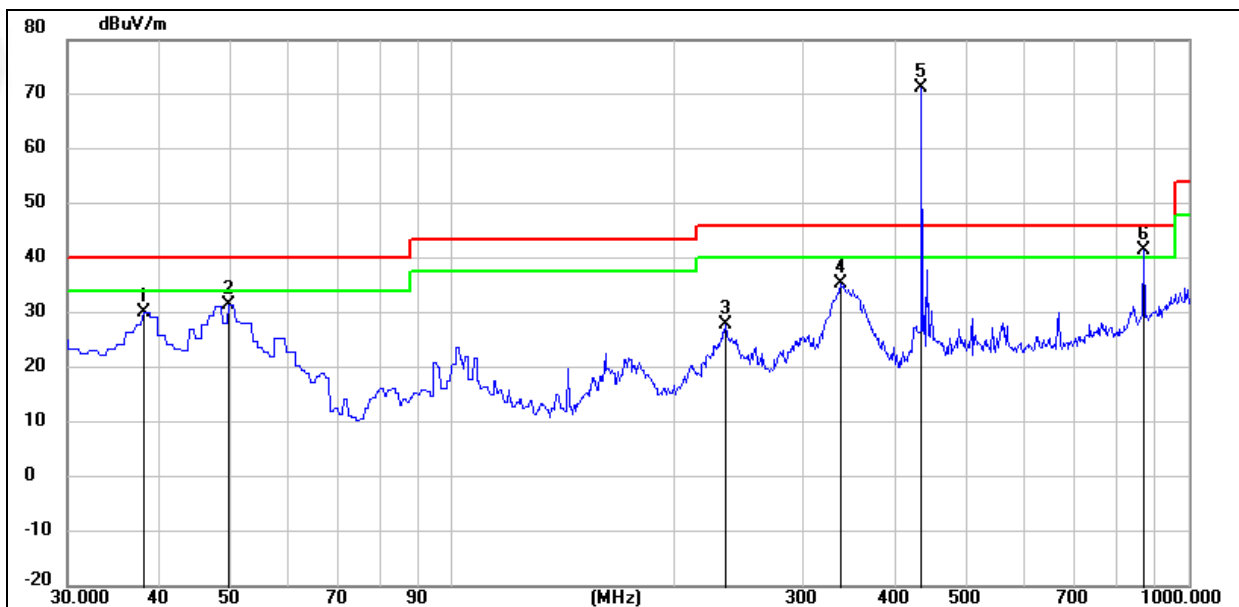
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Pass/Fail
4 *	433.1025	70.94	-10.13	-	60.81	92.84	-32.03	peak	Pass
4 *	433.1025	70.94	-10.13	0	60.81	72.84	-12.03	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	Low Channel
Antenna Type:	Sucker Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	37.9450	47.04	-16.94	30.10	40.00	-9.90	QP	Pass
2	49.7068	54.52	-23.11	31.41	40.00	-8.59	QP	Pass
3	234.6700	46.65	-18.73	27.92	46.00	-18.08	QP	Pass
4	336.5200	48.93	-13.51	35.42	46.00	-10.58	QP	Pass
6	866.1400	42.09	-0.49	41.60	46.00	-4.40	QP	Pass

Fundamental Frequency

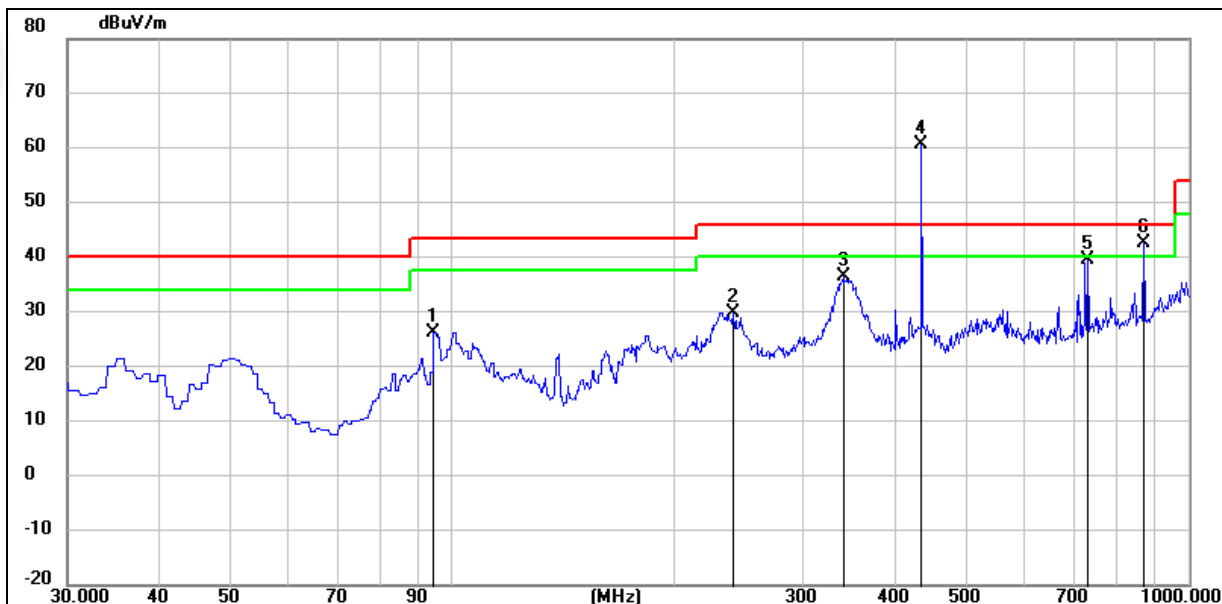
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
5	433.1025	81.26	-10.13	-	71.13	92.84	-21.71	peak	Pass
5	433.1025	81.26	-10.13	0	71.13	72.84	-1.71	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	Middle Channel
Antenna Type:	Sucker Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	94.4284	47.21	-20.84	26.37	43.50	-17.13	QP	Pass
2	240.4900	47.81	-17.93	29.88	46.00	-16.12	QP	Pass
3	339.4300	49.85	-13.43	36.42	46.00	-9.58	QP	Pass
5	727.4300	42.24	-2.68	39.56	46.00	-6.44	QP	Pass
6	868.0800	43.22	-0.51	42.71	46.00	-3.29	QP	Pass

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
4 *	433.8025	70.88	-10.12	-	60.76	92.87	-32.11	peak	Pass
4 *	433.8025	70.88	-10.12	0	60.76	72.87	-12.11	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	Middle Channel
Antenna Type:	Sucker Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	46.6664	50.34	-21.50	28.84	40.00	-11.16	QP	Pass
2	94.4284	46.53	-20.84	25.69	43.50	-17.81	QP	Pass
3	339.4300	48.38	-13.43	34.95	46.00	-11.05	QP	Pass
5	722.5800	37.40	-3.04	34.36	46.00	-11.64	QP	Pass
6	868.0800	42.20	-0.51	41.69	46.00	-4.31	QP	Pass

Fundamental Frequency

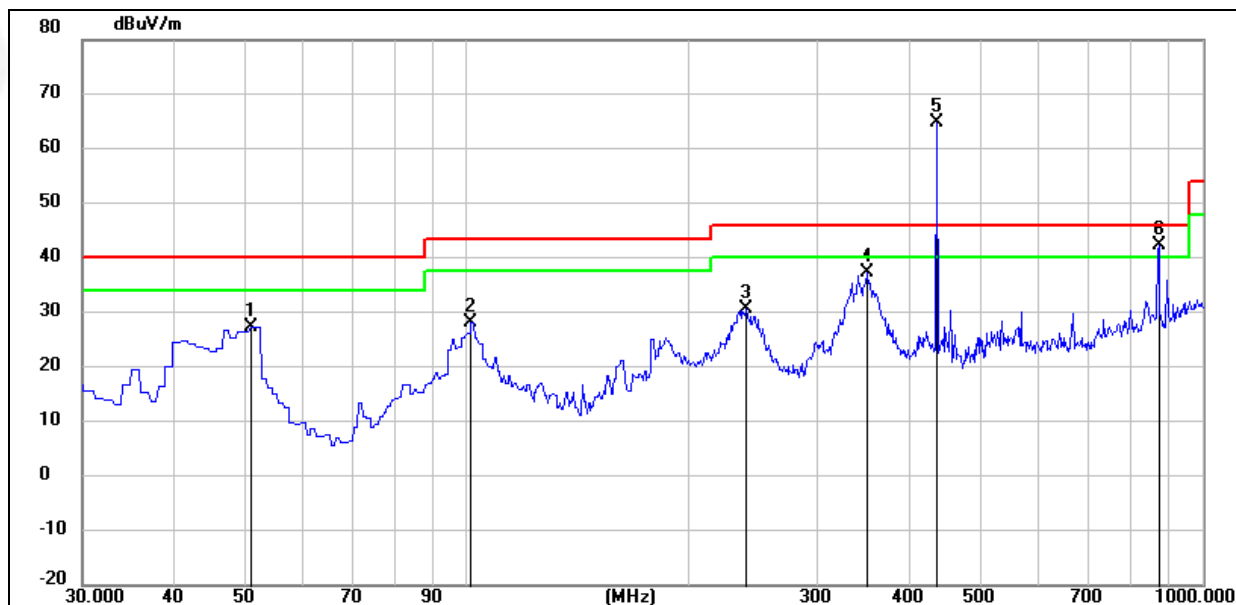
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark	Pass/Fail
4 *	433.8025	81.26	-10.12	-	71.14	92.87	-21.73	peak	Pass
4 *	433.8025	81.26	-10.12	0	71.14	72.87	-1.73	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Horizontal
Test Voltage :	DC 5V From Notebook	Test Mode :	High Channel
Antenna Type:	Sucker Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	50.5860	50.92	-23.51	27.41	40.00	-12.59	QP	Pass
2	101.2885	48.22	-20.00	28.22	43.50	-15.28	QP	Pass
3	239.5200	48.83	-18.10	30.73	46.00	-15.27	QP	Pass
4	349.1300	50.53	-13.09	37.44	46.00	-8.56	QP	Pass
6	870.0200	42.77	-0.53	42.24	46.00	-3.76	QP	Pass

Fundamental Frequency

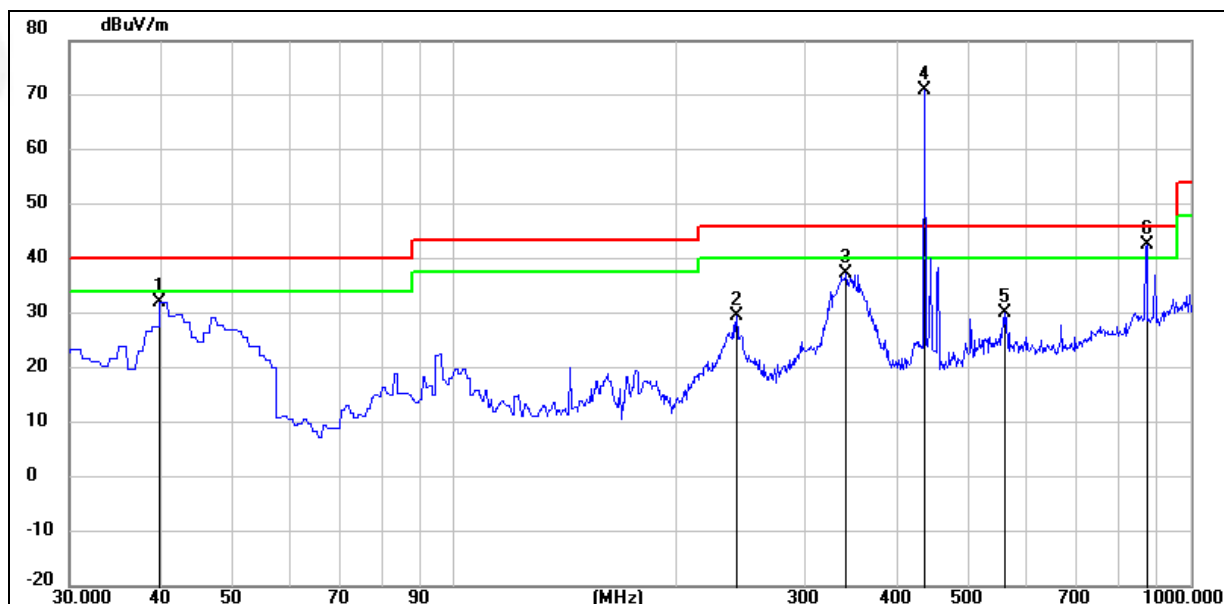
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
5	434.6025	75.11	-10.12	-	64.99	92.89	-27.9	peak	Pass
5	434.6025	75.11	-10.12	0	64.99	72.89	-7.9	AV	Pass

Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



Temperature :	23.8 °C	Relative Humidity :	59%
Pressure :	101 kPa	Polarization :	Vertical
Test Voltage :	DC 5V From Notebook	Test Mode :	High Channel
Antenna Type:	Sucker Antenna		



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Pass/Fail
1	39.8542	50.08	-17.96	32.12	40.00	-7.88	QP	Pass
2	241.4600	47.37	-17.73	29.64	46.00	-16.36	QP	Pass
3	340.4000	50.66	-13.39	37.27	46.00	-8.73	QP	Pass
5	559.6200	35.71	-5.50	30.21	46.00	-15.79	QP	Pass
6	870.0200	43.30	-0.53	42.77	46.00	-3.23	QP	Pass

Fundamental Frequency

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Duty cycle Factor (dB/m)	Result dBuV/m	Limit dBuV/m	Margin (dB)	Remark	Pass/Fail
4 *	434.6025	81.17	-10.12	-	71.05	92.89	-21.84	peak	Pass
4 *	434.6025	81.17	-10.12	0	71.05	72.89	-1.84	AV	Pass

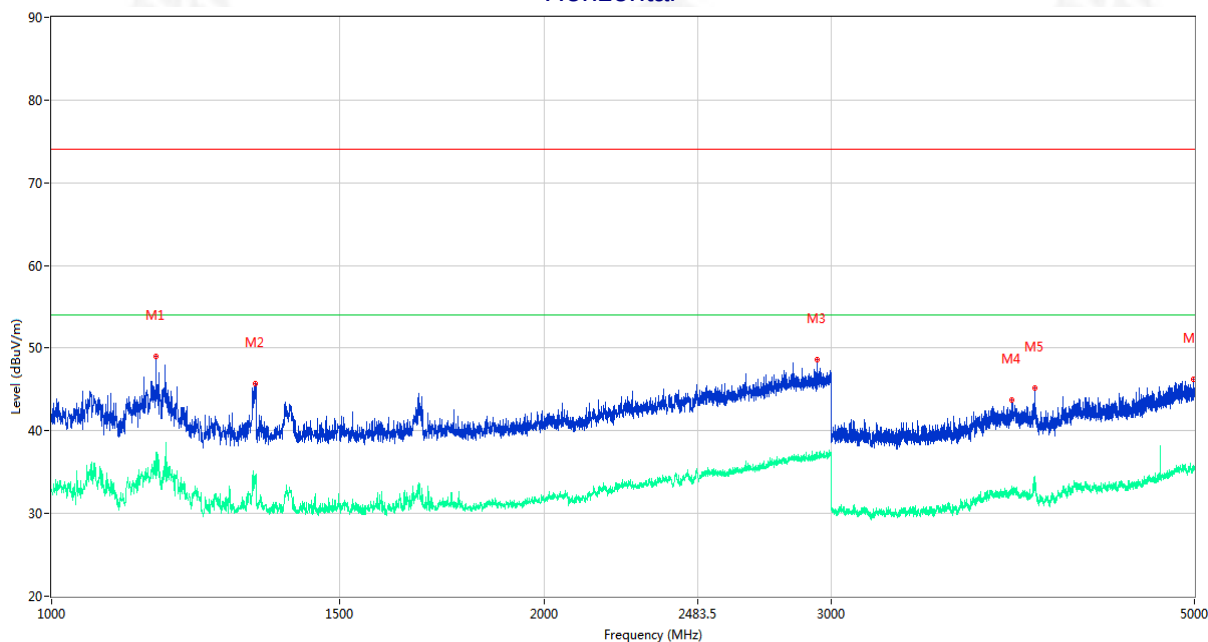
Remarks:

1. An initial pre-scan was performed on the peak detector.
2. Quasi-Peak measurement were performed at the frequencies with maximized peak emission.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.
4. Final Level = Reading level + Correct Factor.
5. Correct Factor = Antenna factor+ Cable loss factor - Amplifier factor.
6. Margin= Measurement Level-Limit.



ABOVE 1G

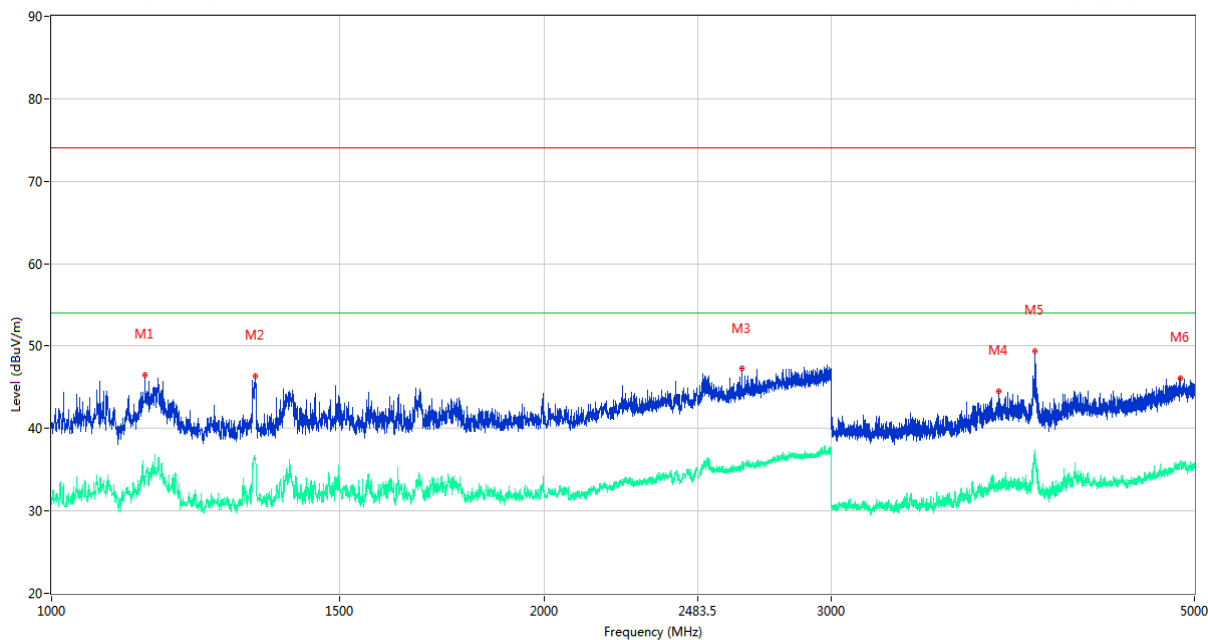
Dipole Antenna
Low Channel
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1158.500	49.02	-1.64	74.0	-24.98	Peak	272.20	Horizontal	Pass
1**	1158.500	37.47	-1.64	54.0	-16.53	AV	272.20	Horizontal	Pass
2	1333.000	45.72	-1.28	74.0	-28.28	Peak	145.30	Horizontal	Pass
2**	1333.000	34.46	-1.28	54.0	-19.54	AV	145.30	Horizontal	Pass
3	2940.000	48.61	5.15	74.0	-25.39	Peak	352.90	Horizontal	Pass
3**	2940.000	37.21	5.15	54.0	-16.79	AV	352.90	Horizontal	Pass
4	3866.000	43.68	-10.09	74.0	-30.32	Peak	270.10	Horizontal	Pass
4**	3866.000	32.51	-10.09	54.0	-21.49	AV	270.10	Horizontal	Pass
5	3994.500	45.13	-9.69	74.0	-28.87	Peak	119.50	Horizontal	Pass
5**	3994.500	34.48	-9.69	54.0	-19.52	AV	119.50	Horizontal	Pass
6	4992.500	46.30	-5.95	74.0	-27.70	Peak	0.20	Horizontal	Pass
6**	4992.500	35.23	-5.95	54.0	-18.77	AV	0.20	Horizontal	Pass



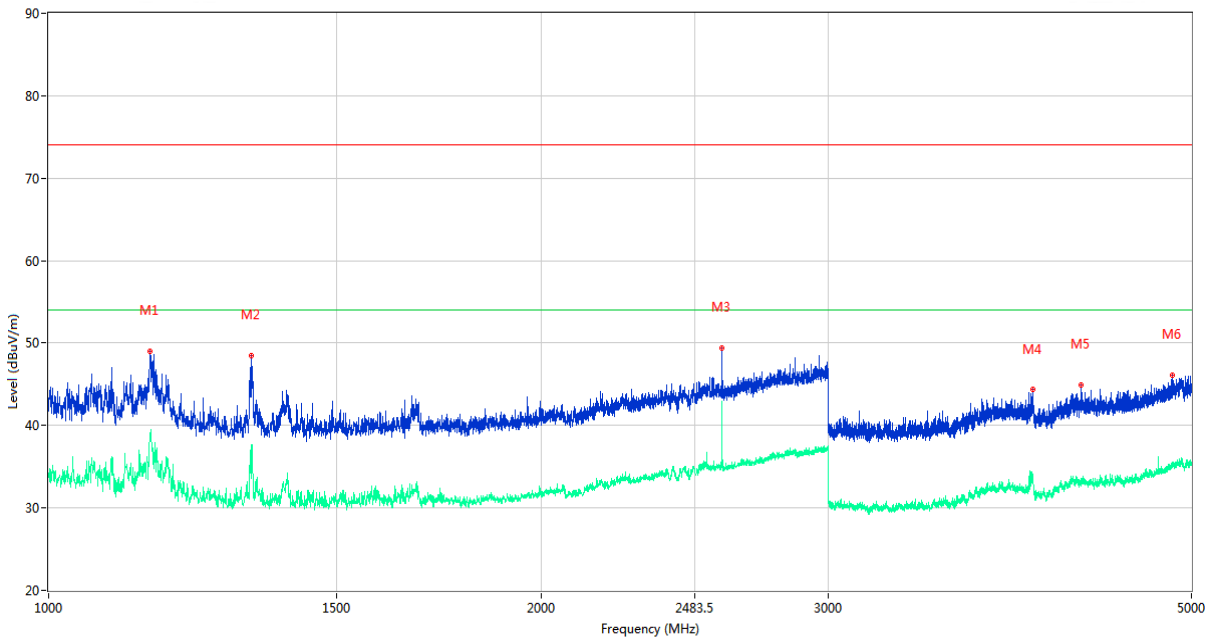
Vertical



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1140.500	46.55	-1.69	74.0	-27.45	Peak	2.30	Vertical	Pass
1**	1140.500	33.48	-1.69	54.0	-20.52	AV	2.30	Vertical	Pass
2	1333.000	46.36	-1.28	74.0	-27.64	Peak	162.50	Vertical	Pass
2**	1333.000	36.27	-1.28	54.0	-17.73	AV	162.50	Vertical	Pass
3	2644.000	47.23	3.91	74.0	-26.77	Peak	98.10	Vertical	Pass
3**	2644.000	35.92	3.91	54.0	-18.08	AV	98.10	Vertical	Pass
4	3794.500	44.55	-10.60	74.0	-29.45	Peak	281.70	Vertical	Pass
4**	3794.500	33.28	-10.60	54.0	-20.72	AV	281.70	Vertical	Pass
5	3993.000	49.45	-9.69	74.0	-24.55	Peak	269.00	Vertical	Pass
5**	3993.000	37.03	-9.69	54.0	-16.97	AV	269.00	Vertical	Pass
6	4899.000	46.16	-6.08	74.0	-27.84	Peak	126.10	Vertical	Pass
6**	4899.000	35.85	-6.08	54.0	-18.15	AV	126.10	Vertical	Pass



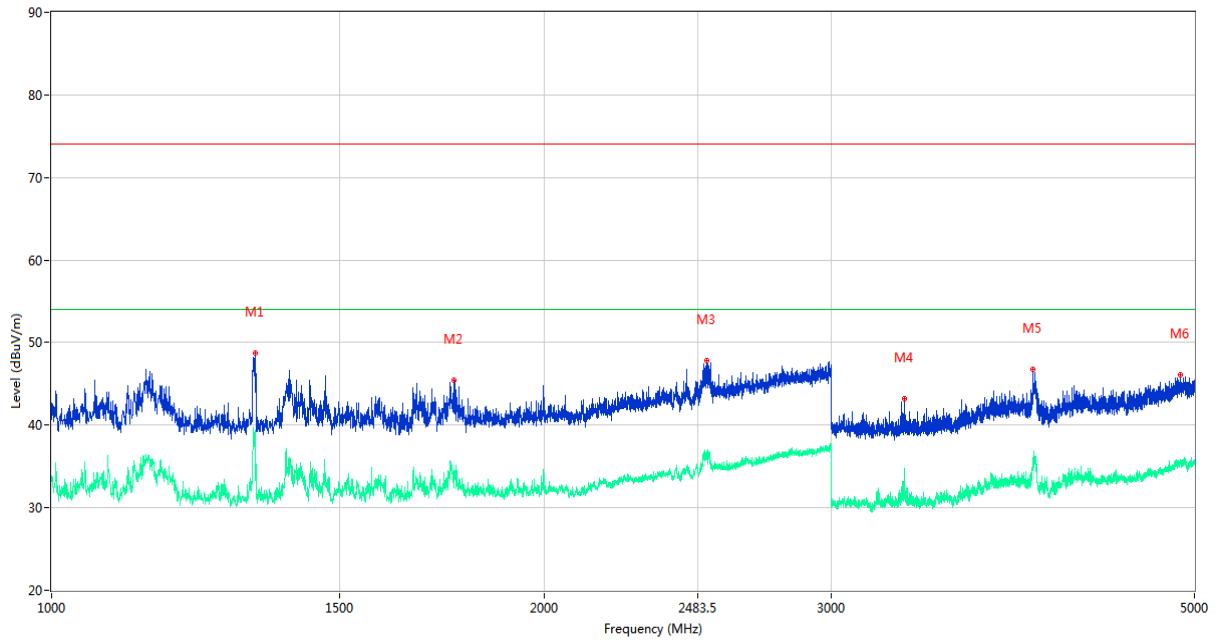
Middle Channel
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1154.000	48.97	-1.66	74.0	-25.03	Peak	275.20	Horizontal	Pass
1**	1154.000	38.74	-1.66	54.0	-15.26	AV	275.20	Horizontal	Pass
2	1329.500	48.43	-1.29	74.0	-25.57	Peak	149.40	Horizontal	Pass
2**	1329.500	37.60	-1.29	54.0	-16.40	AV	149.40	Horizontal	Pass
3	2582.000	49.43	3.48	74.0	-24.57	Peak	21.40	Horizontal	Pass
3**	2582.000	42.95	3.48	54.0	-11.05	AV	21.40	Horizontal	Pass
4	3997.000	44.33	-9.68	74.0	-29.67	Peak	131.00	Horizontal	Pass
4**	3997.000	34.09	-9.68	54.0	-19.91	AV	131.00	Horizontal	Pass
5	4282.500	44.97	-8.49	74.0	-29.03	Peak	86.70	Horizontal	Pass
5**	4282.500	33.30	-8.49	54.0	-20.70	AV	86.70	Horizontal	Pass
6	4865.500	46.07	-6.44	74.0	-27.93	Peak	360.00	Horizontal	Pass
6**	4865.500	34.92	-6.44	54.0	-19.08	AV	360.00	Horizontal	Pass



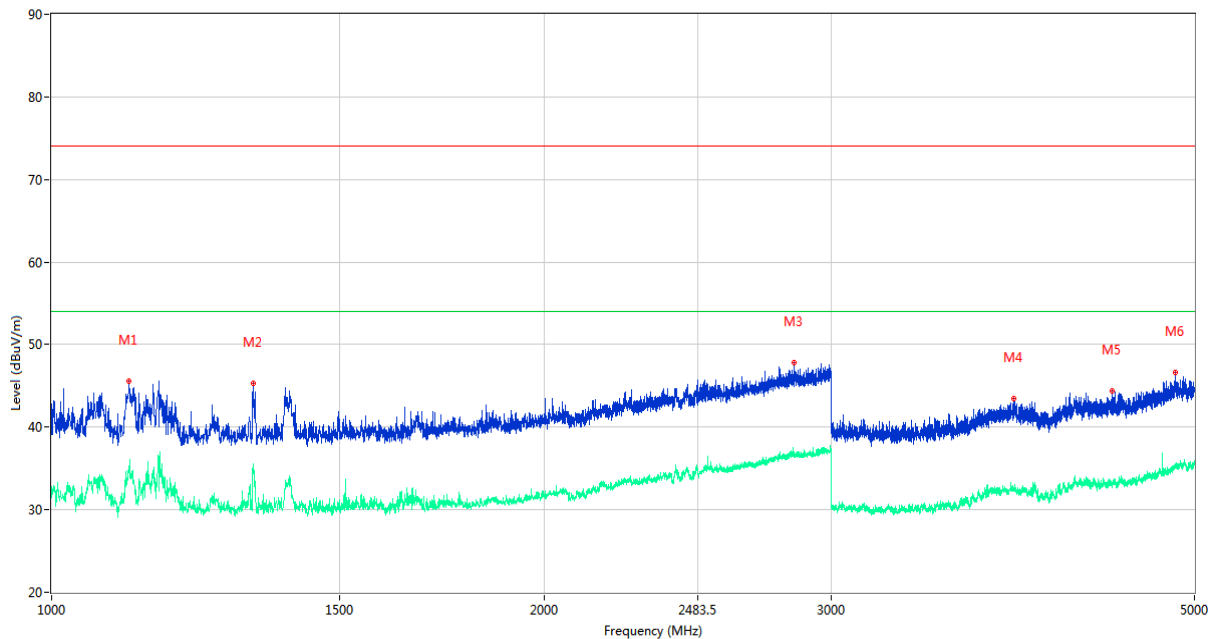
Vertical



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1332.000	48.75	-1.29	74.0	-25.25	Peak	162.00	Vertical	Pass
1**	1332.000	39.39	-1.29	54.0	-14.61	AV	162.00	Vertical	Pass
2	1761.500	45.40	-0.58	74.0	-28.60	Peak	359.70	Vertical	Pass
2**	1761.500	34.26	-0.58	54.0	-19.74	AV	359.70	Vertical	Pass
3	2514.500	47.83	3.26	74.0	-26.17	Peak	132.20	Vertical	Pass
3**	2514.500	36.85	3.26	54.0	-17.15	AV	132.20	Vertical	Pass
4	3324.500	43.24	-11.82	74.0	-30.76	Peak	96.00	Vertical	Pass
4**	3324.500	32.62	-11.82	54.0	-21.38	AV	96.00	Vertical	Pass
5	3984.500	46.72	-9.70	74.0	-27.28	Peak	272.80	Vertical	Pass
5**	3984.500	36.05	-9.70	54.0	-17.95	AV	272.80	Vertical	Pass
6	4899.500	46.12	-6.08	74.0	-27.88	Peak	349.40	Vertical	Pass
6**	4899.500	35.38	-6.08	54.0	-18.62	AV	349.40	Vertical	Pass



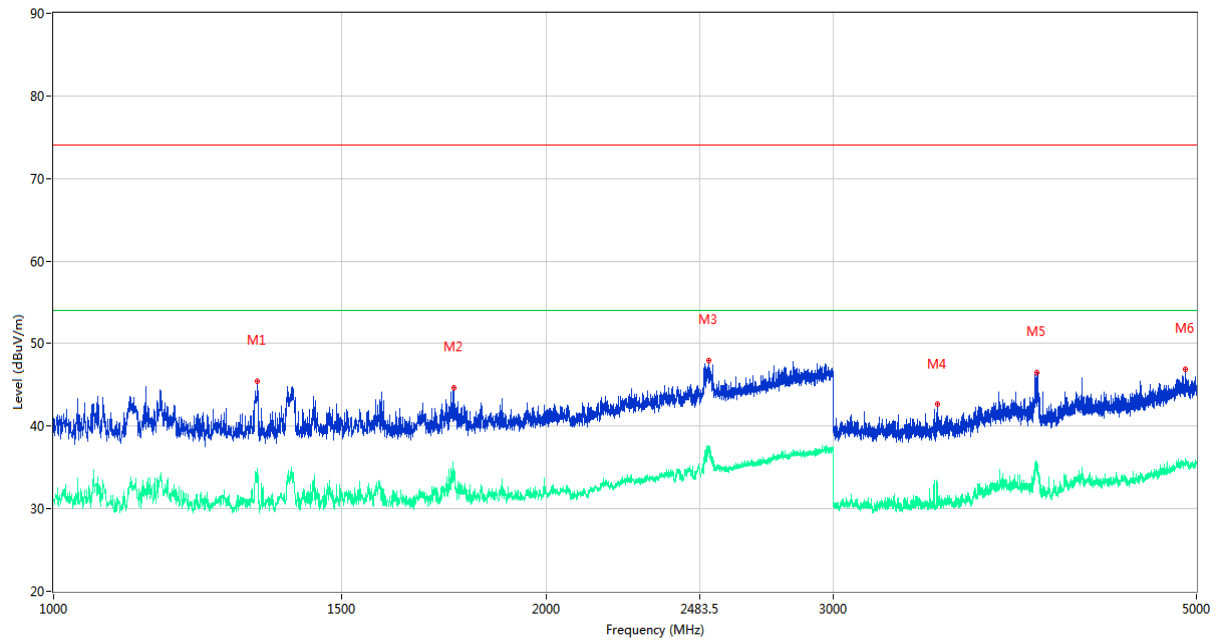
High Channel
Horizontal



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1115.000	45.58	-1.74	74.0	-28.42	Peak	138.60	Horizontal	Pass
1**	1115.000	34.75	-1.74	54.0	-19.25	AV	138.60	Horizontal	Pass
2	1328.000	45.36	-1.29	74.0	-28.64	Peak	134.50	Horizontal	Pass
2**	1328.000	35.57	-1.29	54.0	-18.43	AV	134.50	Horizontal	Pass
3	2844.500	47.85	4.97	74.0	-26.15	Peak	5.00	Horizontal	Pass
3**	2844.500	36.41	4.97	54.0	-17.59	AV	5.00	Horizontal	Pass
4	3879.000	43.53	-9.98	74.0	-30.47	Peak	135.40	Horizontal	Pass
4**	3879.000	32.63	-9.98	54.0	-21.37	AV	135.40	Horizontal	Pass
5	4454.000	44.43	-8.07	74.0	-29.57	Peak	146.20	Horizontal	Pass
5**	4454.000	32.98	-8.07	54.0	-21.02	AV	146.20	Horizontal	Pass
6	4864.500	46.64	-6.45	74.0	-27.36	Peak	150.70	Horizontal	Pass
6**	4864.500	35.24	-6.45	54.0	-18.76	AV	150.70	Horizontal	Pass



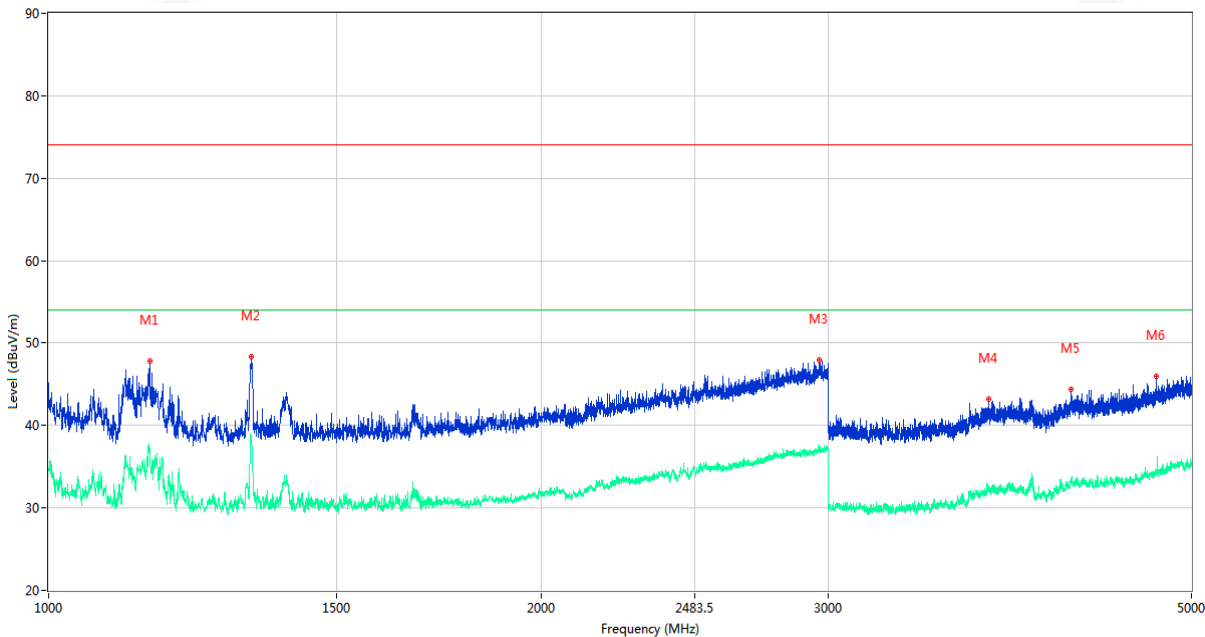
Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1333.000	45.50	-1.28	74.0	-28.50	Peak	172.10	Vertical	Pass
1**	1333.000	34.91	-1.28	54.0	-19.09	AV	172.10	Vertical	Pass
2	1756.500	44.65	-0.55	74.0	-29.35	Peak	356.60	Vertical	Pass
2**	1756.500	33.88	-0.55	54.0	-20.12	AV	356.60	Vertical	Pass
3	2514.500	48.00	3.26	74.0	-26.00	Peak	135.70	Vertical	Pass
3**	2514.500	36.77	3.26	54.0	-17.23	AV	135.70	Vertical	Pass
4	3470.500	42.61	-11.21	74.0	-31.39	Peak	138.80	Vertical	Pass
4**	3470.500	33.17	-11.21	54.0	-20.83	AV	138.80	Vertical	Pass
5	3991.500	46.54	-9.69	74.0	-27.46	Peak	284.70	Vertical	Pass
5**	3991.500	35.73	-9.69	54.0	-18.27	AV	284.70	Vertical	Pass
6	4922.000	46.84	-6.04	74.0	-27.16	Peak	60.60	Vertical	Pass
6**	4922.000	35.56	-6.04	54.0	-18.44	AV	60.60	Vertical	Pass



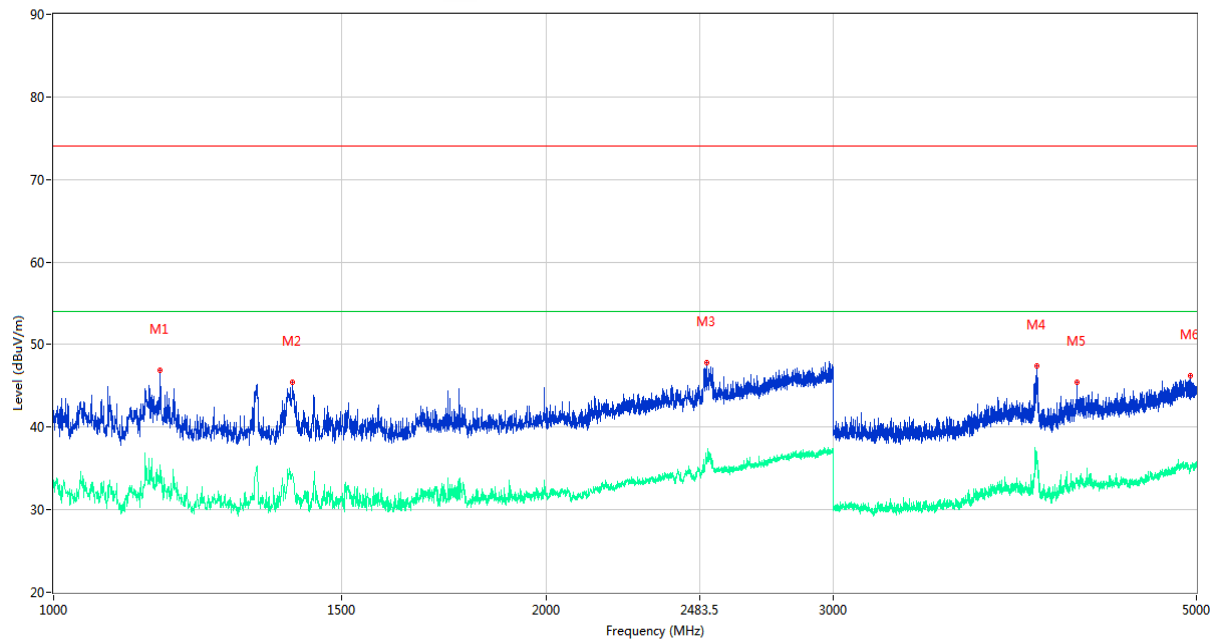
FPC Antenna
Low Channel
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1153.000	47.77	-1.66	74.0	-26.23	Peak	273.30	Horizontal	Pass
1**	1153.000	37.20	-1.66	54.0	-16.80	AV	273.30	Horizontal	Pass
2	1330.500	48.37	-1.29	74.0	-25.63	Peak	156.80	Horizontal	Pass
2**	1330.500	38.68	-1.29	54.0	-15.32	AV	156.80	Horizontal	Pass
3	2959.500	48.00	5.26	74.0	-26.00	Peak	53.70	Horizontal	Pass
3**	2959.500	36.93	5.26	54.0	-17.07	AV	53.70	Horizontal	Pass
4	3759.500	43.16	-10.64	74.0	-30.84	Peak	154.30	Horizontal	Pass
4**	3759.500	32.60	-10.64	54.0	-21.40	AV	154.30	Horizontal	Pass
5	4222.000	44.44	-8.41	74.0	-29.56	Peak	345.30	Horizontal	Pass
5**	4222.000	33.26	-8.41	54.0	-20.74	AV	345.30	Horizontal	Pass
6	4760.500	46.03	-7.23	74.0	-27.97	Peak	34.20	Horizontal	Pass
6**	4760.500	34.47	-7.23	54.0	-19.53	AV	34.20	Horizontal	Pass



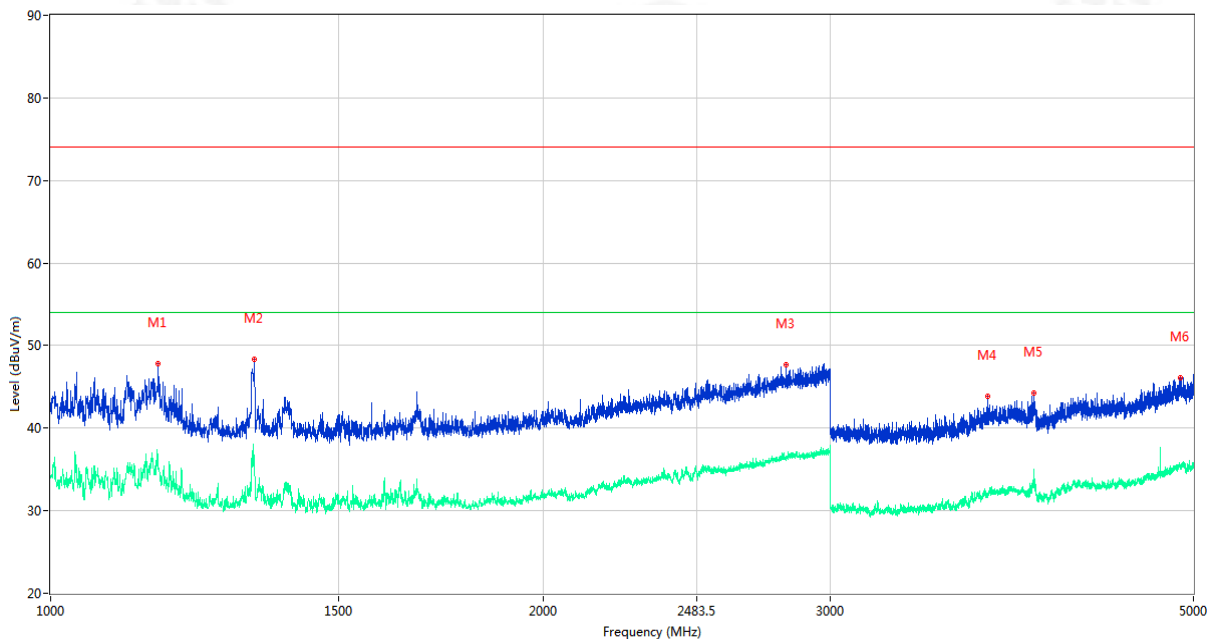
Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1161.500	46.89	-1.64	74.0	-27.11	Peak	54.10	Vertical	Pass
1**	1161.500	35.46	-1.64	54.0	-18.54	AV	54.10	Vertical	Pass
2	1400.500	45.47	-1.19	74.0	-28.53	Peak	152.80	Vertical	Pass
2**	1400.500	34.22	-1.19	54.0	-19.78	AV	152.80	Vertical	Pass
3	2508.500	47.76	3.21	74.0	-26.24	Peak	128.90	Vertical	Pass
3**	2508.500	35.69	3.21	54.0	-18.31	AV	128.90	Vertical	Pass
4	3992.500	47.37	-9.69	74.0	-26.63	Peak	92.60	Vertical	Pass
4**	3992.500	36.22	-9.69	54.0	-17.78	AV	92.60	Vertical	Pass
5	4227.500	45.43	-8.42	74.0	-28.57	Peak	168.10	Vertical	Pass
5**	4227.500	33.80	-8.42	54.0	-20.20	AV	168.10	Vertical	Pass
6	4956.000	46.22	-6.00	74.0	-27.78	Peak	275.50	Vertical	Pass
6**	4956.000	35.04	-6.00	54.0	-18.96	AV	275.50	Vertical	Pass



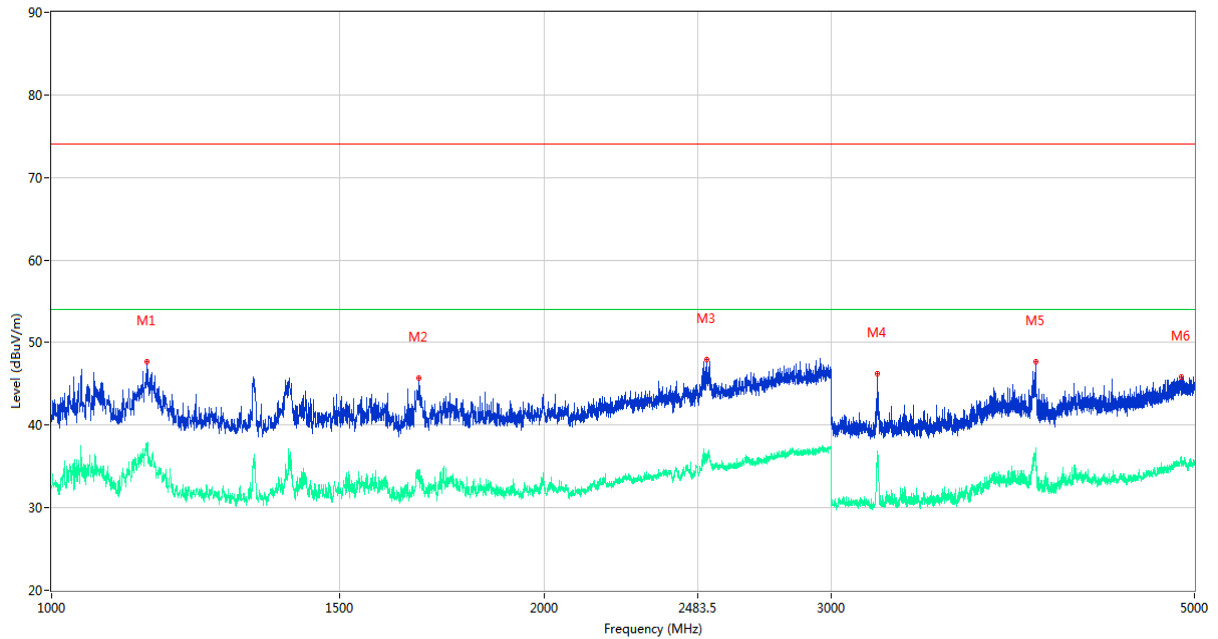
Middle Channel
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1163.500	47.81	-1.63	74.0	-26.19	Peak	346.20	Horizontal	Pass
1**	1163.500	35.83	-1.63	54.0	-18.17	AV	346.20	Horizontal	Pass
2	1332.000	48.29	-1.29	74.0	-25.71	Peak	172.80	Horizontal	Pass
2**	1332.000	36.48	-1.29	54.0	-17.52	AV	172.80	Horizontal	Pass
3	2819.000	47.67	4.84	74.0	-26.33	Peak	194.80	Horizontal	Pass
3**	2819.000	36.20	4.84	54.0	-17.80	AV	194.80	Horizontal	Pass
4	3740.000	43.81	-10.65	74.0	-30.19	Peak	311.40	Horizontal	Pass
4**	3740.000	31.98	-10.65	54.0	-22.02	AV	311.40	Horizontal	Pass
5	3993.000	44.26	-9.69	74.0	-29.74	Peak	122.10	Horizontal	Pass
5**	3993.000	34.80	-9.69	54.0	-19.20	AV	122.10	Horizontal	Pass
6	4906.000	46.05	-6.06	74.0	-27.95	Peak	86.00	Horizontal	Pass
6**	4906.000	35.35	-6.06	54.0	-18.65	AV	86.00	Horizontal	Pass



Vertical

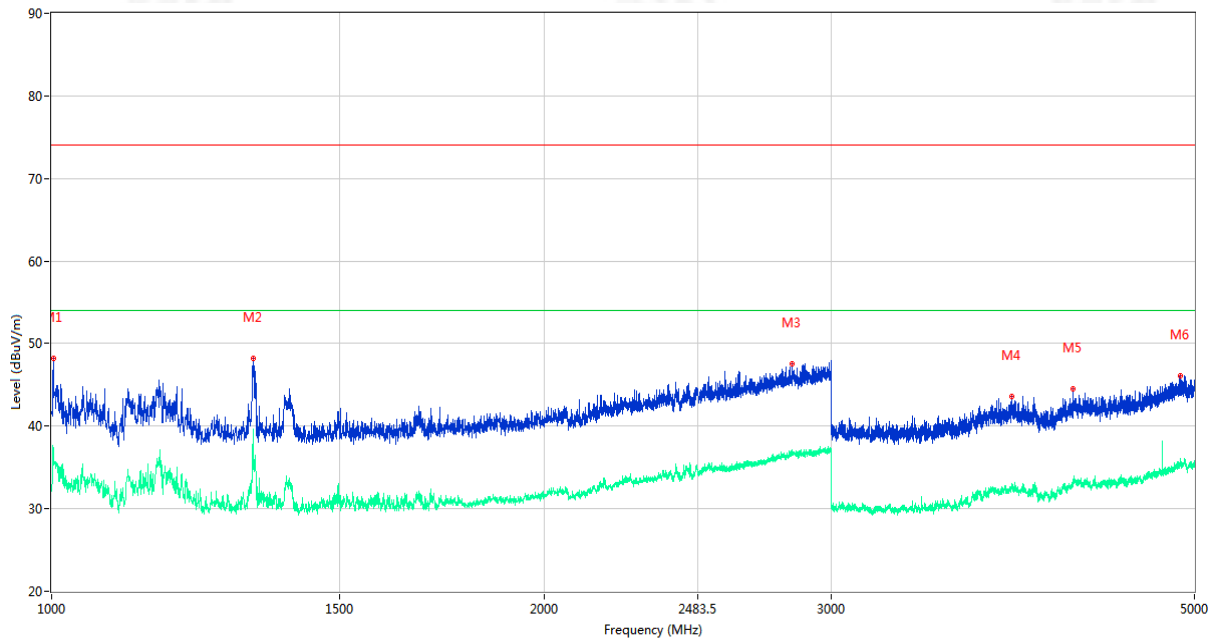


No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1144.000	47.69	-1.68	74.0	-26.31	Peak	70.50	Vertical	Pass
1**	1144.000	37.77	-1.68	54.0	-16.23	AV	70.50	Vertical	Pass
2	1677.000	45.77	-0.97	74.0	-28.23	Peak	101.70	Vertical	Pass
2**	1677.000	34.29	-0.97	54.0	-19.71	AV	101.70	Vertical	Pass
3	2516.000	47.98	3.27	74.0	-26.02	Peak	133.40	Vertical	Pass
3**	2516.000	35.88	3.27	54.0	-18.12	AV	133.40	Vertical	Pass
4	3199.500	46.19	-12.05	74.0	-27.81	Peak	99.40	Vertical	Pass
4**	3199.500	36.50	-12.05	54.0	-17.50	AV	99.40	Vertical	Pass
5	3999.500	47.63	-9.68	74.0	-26.37	Peak	120.60	Vertical	Pass
5**	3999.500	36.64	-9.68	54.0	-17.36	AV	120.60	Vertical	Pass
6	4909.000	45.86	-6.06	74.0	-28.14	Peak	163.40	Vertical	Pass
6**	4909.000	35.21	-6.06	54.0	-18.79	AV	163.40	Vertical	Pass



High Channel

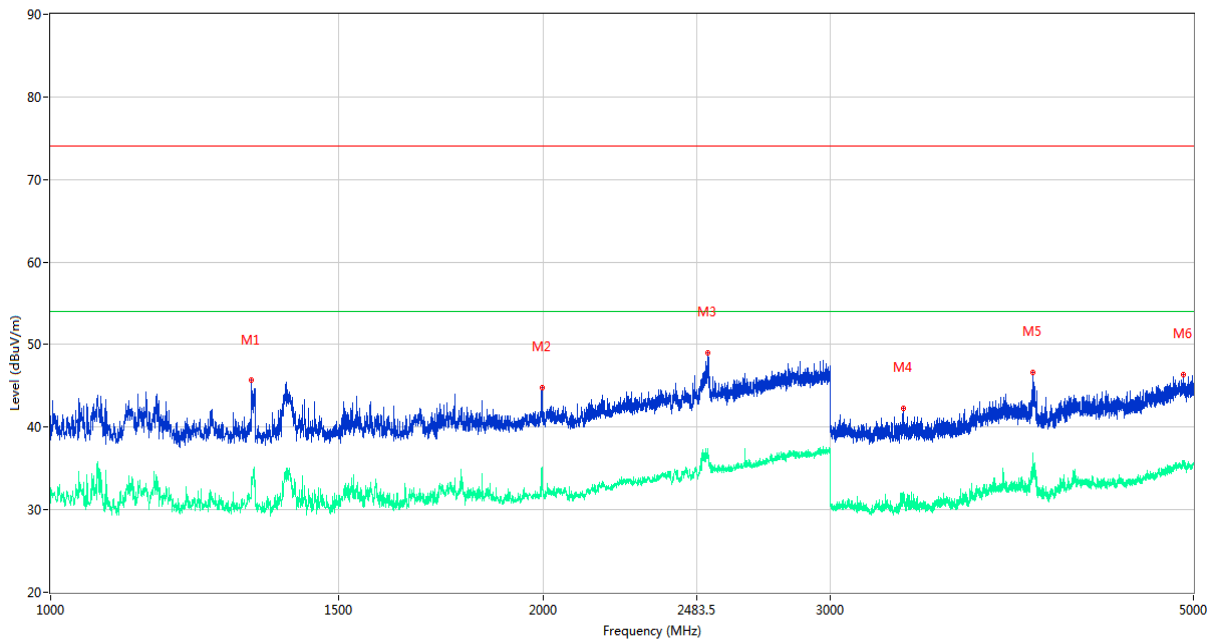
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1002.500	48.18	-2.18	74.0	-25.82	Peak	134.10	Horizontal	Pass
1**	1002.500	37.27	-2.18	54.0	-16.73	AV	134.10	Horizontal	Pass
2	1328.000	48.18	-1.29	74.0	-25.82	Peak	179.50	Horizontal	Pass
2**	1328.000	39.67	-1.29	54.0	-14.33	AV	179.50	Horizontal	Pass
3	2839.000	47.60	4.94	74.0	-26.40	Peak	119.60	Horizontal	Pass
3**	2839.000	36.65	4.94	54.0	-17.35	AV	119.60	Horizontal	Pass
4	3868.500	43.55	-10.07	74.0	-30.45	Peak	94.50	Horizontal	Pass
4**	3868.500	32.47	-10.07	54.0	-21.53	AV	94.50	Horizontal	Pass
5	4216.500	44.58	-8.40	74.0	-29.42	Peak	23.80	Horizontal	Pass
5**	4216.500	33.62	-8.40	54.0	-20.38	AV	23.80	Horizontal	Pass
6	4904.000	46.11	-6.06	74.0	-27.89	Peak	254.20	Horizontal	Pass
6**	4904.000	35.52	-6.06	54.0	-18.48	AV	254.20	Horizontal	Pass



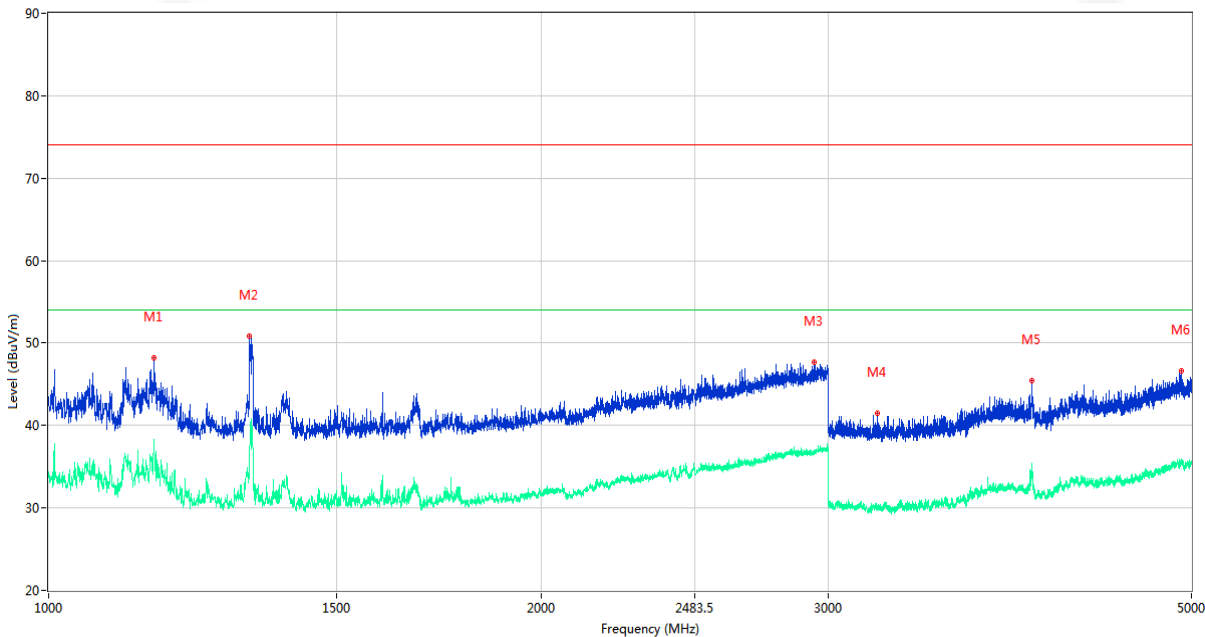
Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1327.500	45.64	-1.29	74.0	-28.36	Peak	359.40	Vertical	Pass
1**	1327.500	34.00	-1.29	54.0	-20.00	AV	359.40	Vertical	Pass
2	1998.000	44.78	0.37	74.0	-29.22	Peak	154.30	Vertical	Pass
2**	1998.000	34.32	0.37	54.0	-19.68	AV	154.30	Vertical	Pass
3	2524.500	48.99	3.34	74.0	-25.01	Peak	137.90	Vertical	Pass
3**	2524.500	37.43	3.34	54.0	-16.57	AV	137.90	Vertical	Pass
4	3321.500	42.30	-11.83	74.0	-31.70	Peak	101.60	Vertical	Pass
4**	3321.500	31.42	-11.83	54.0	-22.58	AV	101.60	Vertical	Pass
5	3987.500	46.59	-9.70	74.0	-27.41	Peak	90.50	Vertical	Pass
5**	3987.500	36.04	-9.70	54.0	-17.96	AV	90.50	Vertical	Pass
6	4928.000	46.33	-6.03	74.0	-27.67	Peak	234.80	Vertical	Pass
6**	4928.000	35.54	-6.03	54.0	-18.46	AV	234.80	Vertical	Pass



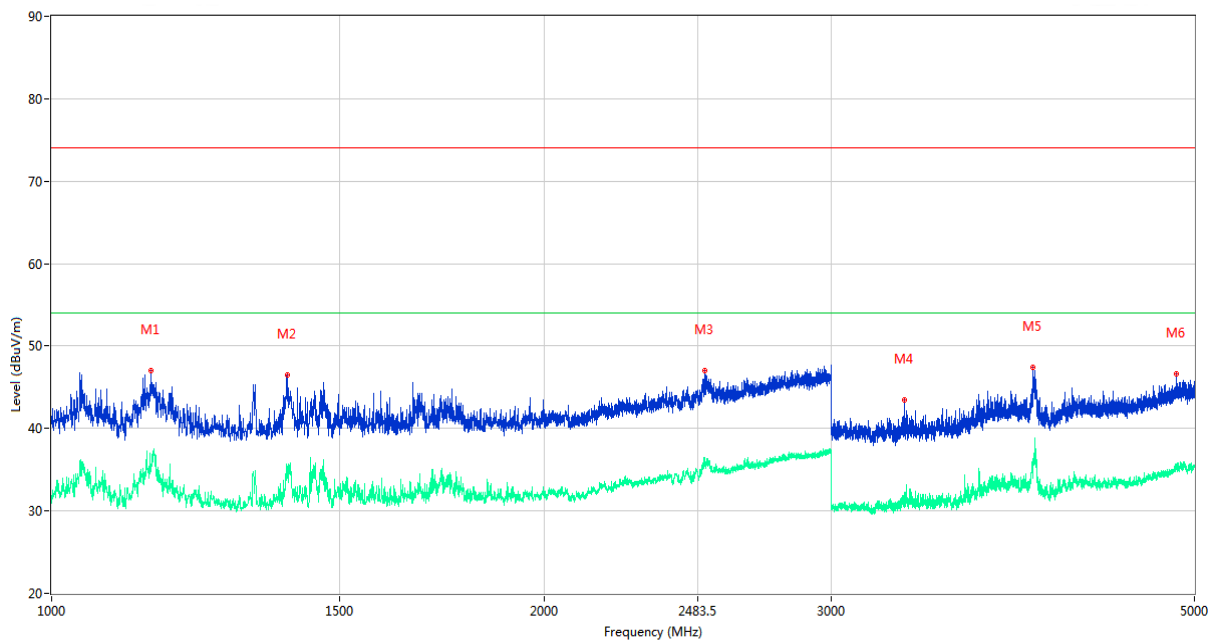
Horn Antenna
Low Channel
Horizontal



No .	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1160.500	48.26	-1.64	74.0	-25.74	Peak	273.30	Horizontal	Pass
1**	1160.500	37.72	-1.64	54.0	-16.28	AV	273.30	Horizontal	Pass
2	1327.000	50.83	-1.29	74.0	-23.17	Peak	143.40	Horizontal	Pass
2**	1327.000	36.03	-1.29	54.0	-17.97	AV	143.40	Horizontal	Pass
3	2940.000	47.66	5.15	74.0	-26.34	Peak	208.60	Horizontal	Pass
3**	2940.000	36.59	5.15	54.0	-17.41	AV	208.60	Horizontal	Pass
4	3211.500	41.52	-12.03	74.0	-32.48	Peak	90.40	Horizontal	Pass
4**	3211.500	29.87	-12.03	54.0	-24.13	AV	90.40	Horizontal	Pass
5	3994.000	45.41	-9.69	74.0	-28.59	Peak	328.20	Horizontal	Pass
5**	3994.000	35.42	-9.69	54.0	-18.58	AV	328.20	Horizontal	Pass
6	4928.000	46.61	-6.03	74.0	-27.39	Peak	146.60	Horizontal	Pass
6**	4928.000	35.68	-6.03	54.0	-18.32	AV	146.60	Horizontal	Pass



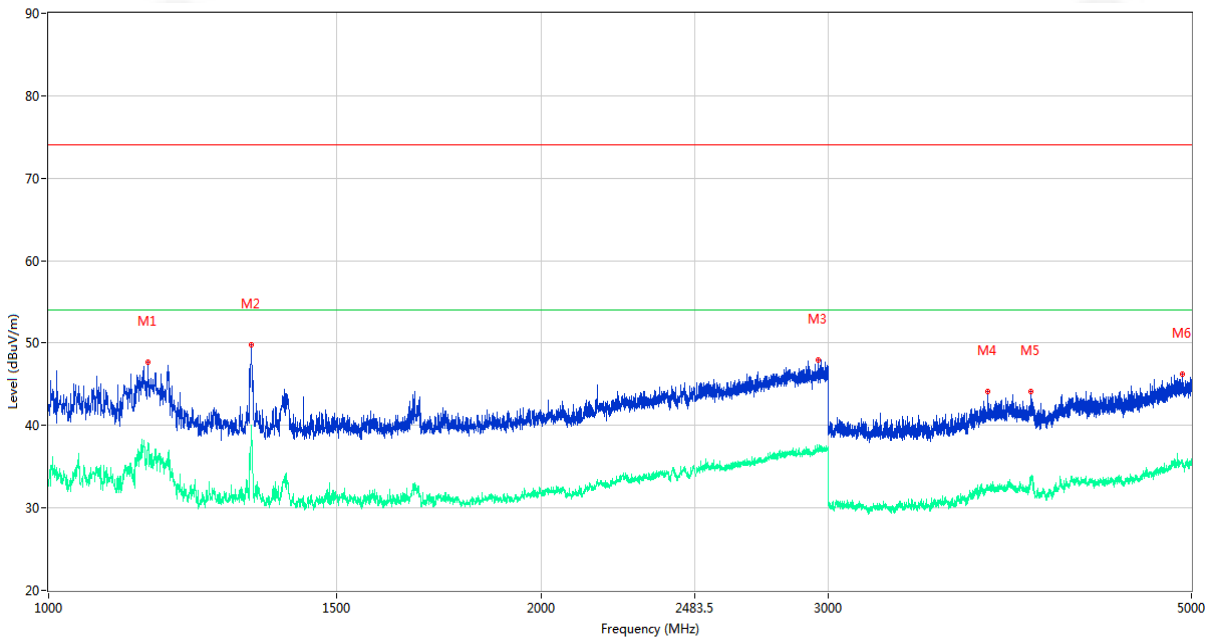
Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1149.500	46.98	-1.67	74.0	-27.02	Peak	68.30	Vertical	Pass
1**	1149.500	35.44	-1.67	54.0	-18.56	AV	68.30	Vertical	Pass
2	1393.000	46.46	-1.20	74.0	-27.54	Peak	319.40	Vertical	Pass
2**	1393.000	35.49	-1.20	54.0	-18.51	AV	319.40	Vertical	Pass
3	2507.500	46.98	3.20	74.0	-27.02	Peak	129.70	Vertical	Pass
3**	2507.500	36.52	3.20	54.0	-17.48	AV	129.70	Vertical	Pass
4	3325.000	43.42	-11.82	74.0	-30.58	Peak	96.00	Vertical	Pass
4**	3325.000	32.29	-11.82	54.0	-21.71	AV	96.00	Vertical	Pass
5	3985.000	47.47	-9.70	74.0	-26.53	Peak	89.70	Vertical	Pass
5**	3985.000	35.29	-9.70	54.0	-18.71	AV	89.70	Vertical	Pass
6	4876.500	46.60	-6.32	74.0	-27.40	Peak	343.50	Vertical	Pass
6**	4876.500	35.08	-6.32	54.0	-18.92	AV	343.50	Vertical	Pass



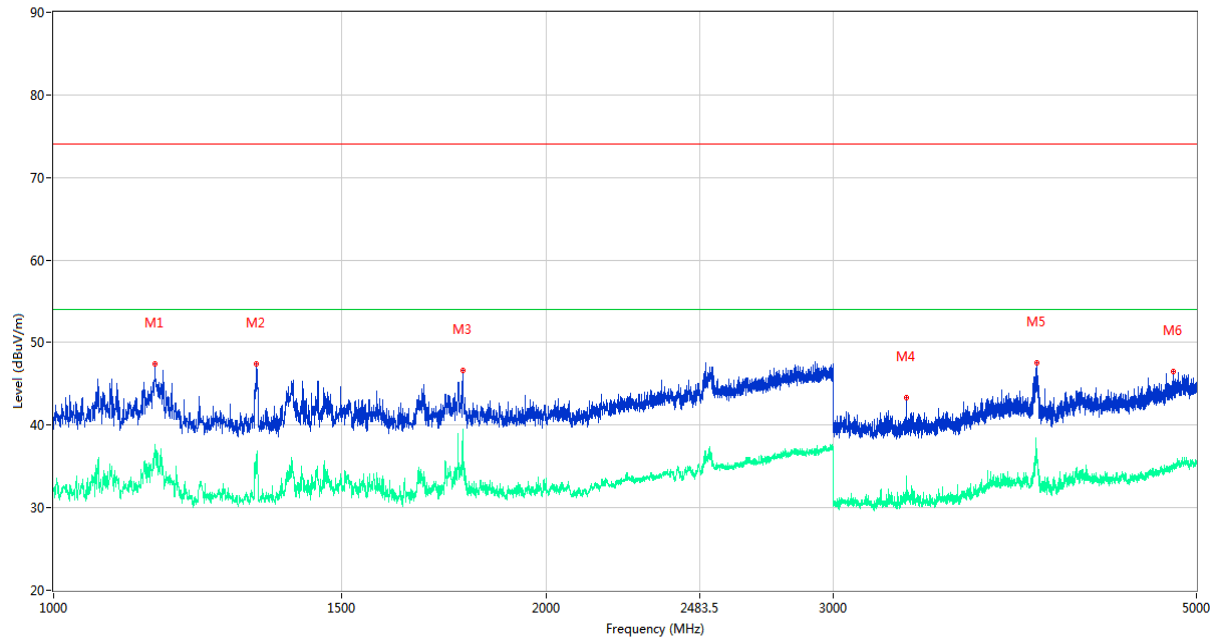
Middle Channel
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1150.000	47.69	-1.67	74.0	-26.31	Peak	276.60	Horizontal	Pass
1**	1150.000	37.94	-1.67	54.0	-16.06	AV	276.60	Horizontal	Pass
2	1330.000	49.74	-1.29	74.0	-24.26	Peak	137.90	Horizontal	Pass
2**	1330.000	40.06	-1.29	54.0	-13.94	AV	137.90	Horizontal	Pass
3	2956.000	47.96	5.24	74.0	-26.04	Peak	360.10	Horizontal	Pass
3**	2956.000	36.96	5.24	54.0	-17.04	AV	360.10	Horizontal	Pass
4	3752.000	44.17	-10.64	74.0	-29.83	Peak	59.20	Horizontal	Pass
4**	3752.000	32.81	-10.64	54.0	-21.19	AV	59.20	Horizontal	Pass
5	3991.000	44.11	-9.69	74.0	-29.89	Peak	120.90	Horizontal	Pass
5**	3991.000	33.69	-9.69	54.0	-20.31	AV	120.90	Horizontal	Pass
6	4939.000	46.19	-6.02	74.0	-27.81	Peak	230.30	Horizontal	Pass
6**	4939.000	35.12	-6.02	54.0	-18.88	AV	230.30	Horizontal	Pass



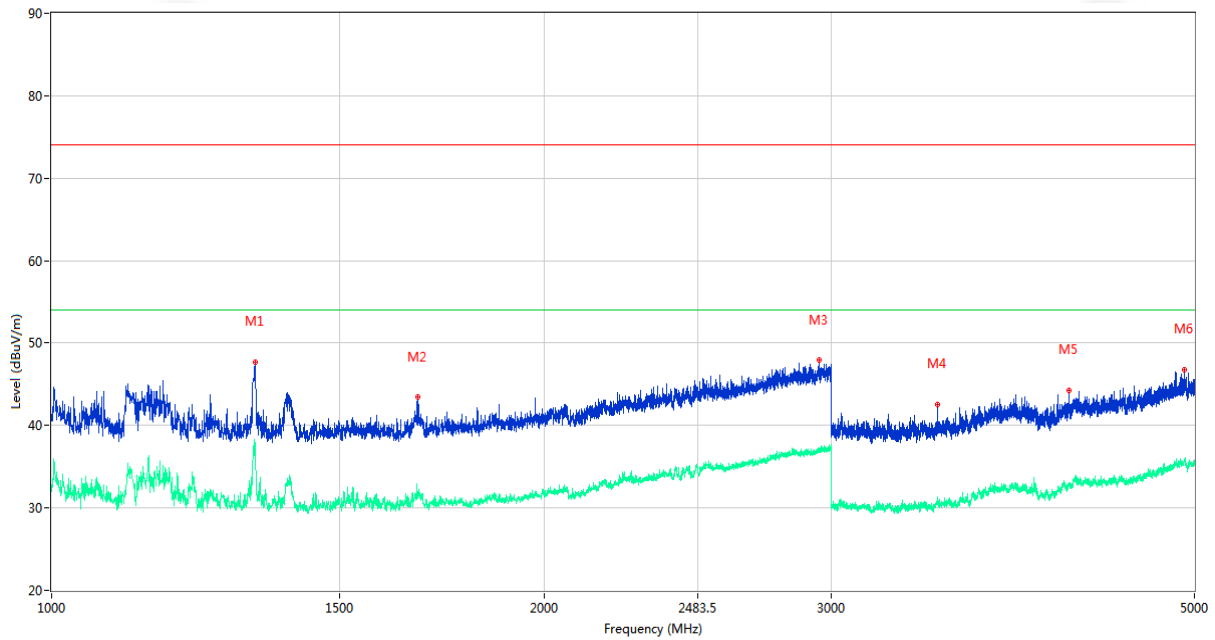
Vertical



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1153.500	47.43	-1.66	74.0	-26.57	Peak	64.20	Vertical	Pass
1**	1153.500	36.61	-1.66	54.0	-17.39	AV	64.20	Vertical	Pass
2	1331.000	47.44	-1.29	74.0	-26.56	Peak	158.30	Vertical	Pass
2**	1331.000	36.21	-1.29	54.0	-17.79	AV	158.30	Vertical	Pass
3	1779.000	46.65	-0.67	74.0	-27.35	Peak	243.90	Vertical	Pass
3**	1779.000	38.51	-0.67	54.0	-15.49	AV	243.90	Vertical	Pass
4	3324.500	43.30	-11.82	74.0	-30.70	Peak	180.80	Vertical	Pass
4**	3324.500	33.17	-11.82	54.0	-20.83	AV	180.80	Vertical	Pass
5	3995.500	47.59	-9.69	74.0	-26.41	Peak	134.70	Vertical	Pass
5**	3995.500	37.18	-9.69	54.0	-16.82	AV	134.70	Vertical	Pass
6	4843.500	46.45	-6.68	74.0	-27.55	Peak	335.60	Vertical	Pass
6**	4843.500	34.73	-6.68	54.0	-19.27	AV	335.60	Vertical	Pass



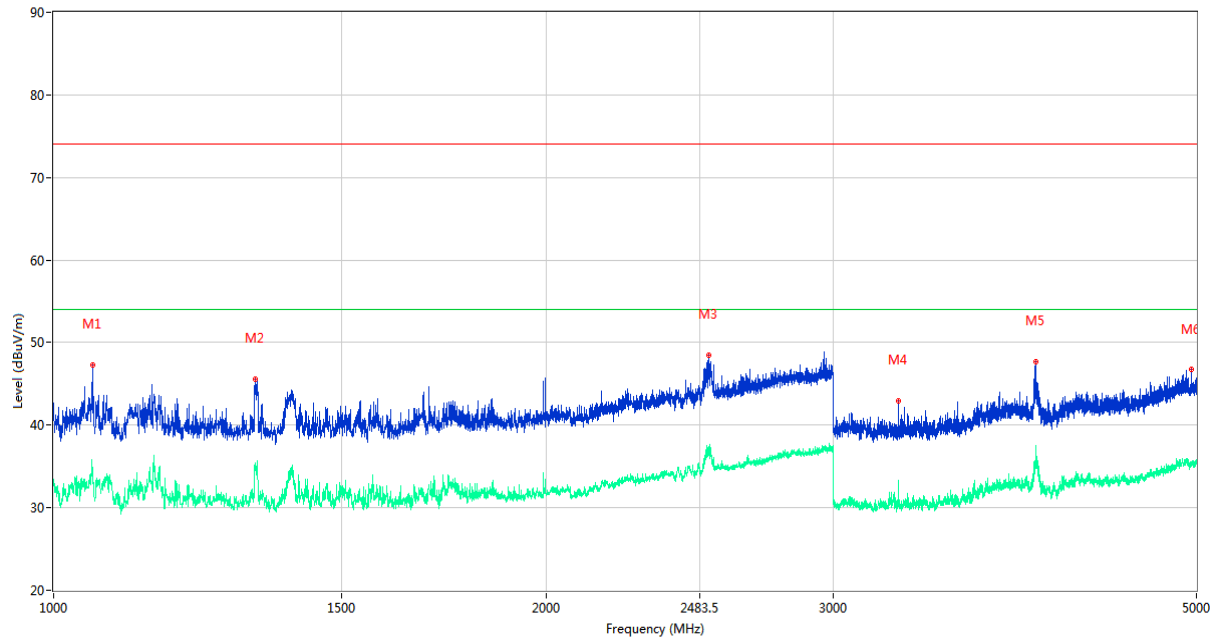
High Channel Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1332.000	47.68	-1.29	74.0	-26.32	Peak	142.30	Horizontal	Pass
1**	1332.000	37.85	-1.29	54.0	-16.15	AV	142.30	Horizontal	Pass
2	1676.000	43.41	-0.97	74.0	-30.59	Peak	157.60	Horizontal	Pass
2**	1676.000	31.70	-0.97	54.0	-22.30	AV	157.60	Horizontal	Pass
3	2947.500	47.88	5.20	74.0	-26.12	Peak	192.90	Horizontal	Pass
3**	2947.500	36.82	5.20	54.0	-17.18	AV	192.90	Horizontal	Pass
4	3482.500	42.55	-11.15	74.0	-31.45	Peak	117.60	Horizontal	Pass
4**	3482.500	30.81	-11.15	54.0	-23.19	AV	117.60	Horizontal	Pass
5	4191.000	44.20	-8.43	74.0	-29.80	Peak	17.10	Horizontal	Pass
5**	4191.000	33.07	-8.43	54.0	-20.93	AV	17.10	Horizontal	Pass
6	4929.000	46.76	-6.03	74.0	-27.24	Peak	235.20	Horizontal	Pass
6**	4929.000	35.82	-6.03	54.0	-18.18	AV	235.20	Horizontal	Pass



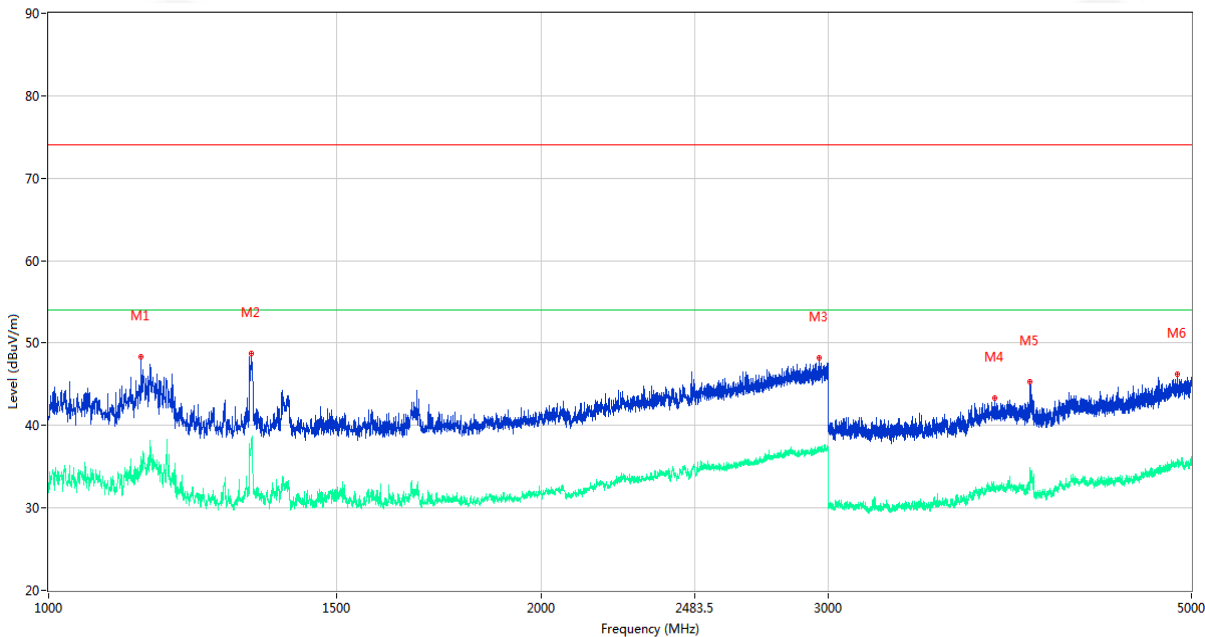
Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1056.500	47.25	-2.05	74.0	-26.75	Peak	72.40	Vertical	Pass
1**	1056.500	34.85	-2.05	54.0	-19.15	AV	72.40	Vertical	Pass
2	1329.000	45.56	-1.29	74.0	-28.44	Peak	341.40	Vertical	Pass
2**	1329.000	34.65	-1.29	54.0	-19.35	AV	341.40	Vertical	Pass
3	2517.500	48.54	3.29	74.0	-25.46	Peak	134.10	Vertical	Pass
3**	2517.500	37.42	3.29	54.0	-16.58	AV	134.10	Vertical	Pass
4	3285.000	42.96	-11.92	74.0	-31.04	Peak	92.30	Vertical	Pass
4**	3285.000	33.37	-11.92	54.0	-20.63	AV	92.30	Vertical	Pass
5	3988.500	47.70	-9.70	74.0	-26.30	Peak	283.20	Vertical	Pass
5**	3988.500	36.54	-9.70	54.0	-17.46	AV	283.20	Vertical	Pass
6	4965.000	46.70	-5.99	74.0	-27.30	Peak	161.90	Vertical	Pass
6**	4965.000	35.14	-5.99	54.0	-18.86	AV	161.90	Vertical	Pass



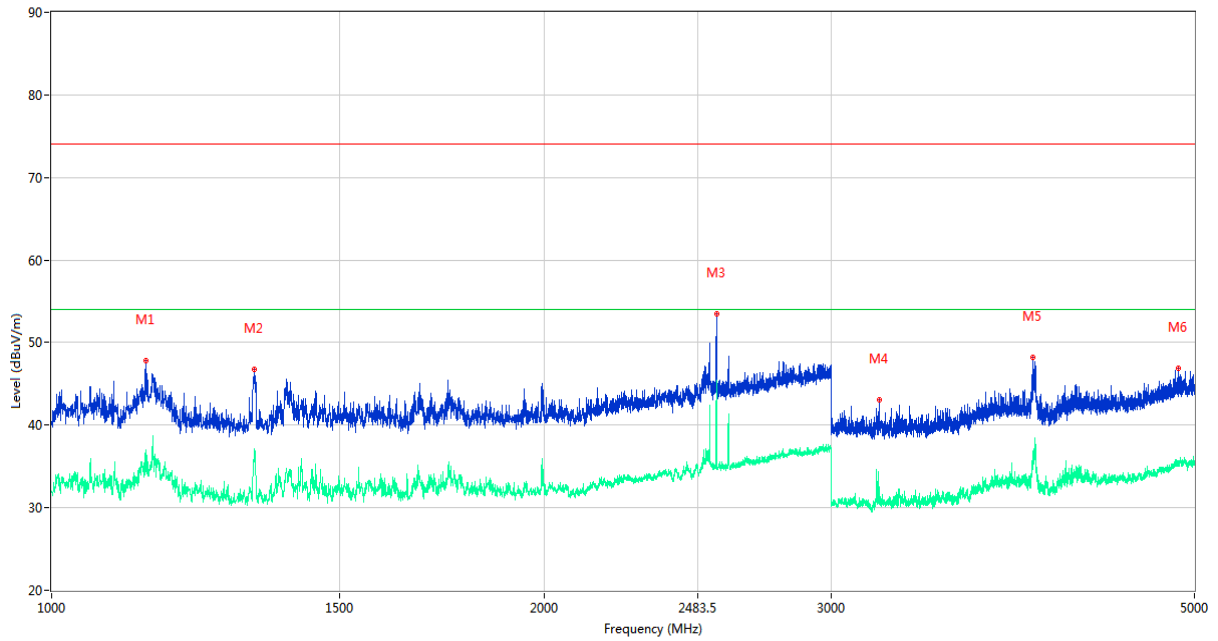
Sucker antenna
Low Channel
Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1139.500	48.40	-1.69	74.0	-25.60	Peak	258.70	Horizontal	Pass
1**	1139.500	36.24	-1.69	54.0	-17.76	AV	258.70	Horizontal	Pass
2	1329.500	48.76	-1.29	74.0	-25.24	Peak	157.60	Horizontal	Pass
2**	1329.500	38.03	-1.29	54.0	-15.97	AV	157.60	Horizontal	Pass
3	2962.000	48.23	5.27	74.0	-25.77	Peak	210.80	Horizontal	Pass
3**	2962.000	37.37	5.27	54.0	-16.63	AV	210.80	Horizontal	Pass
4	3792.000	43.29	-10.61	74.0	-30.71	Peak	64.40	Horizontal	Pass
4**	3792.000	32.51	-10.61	54.0	-21.49	AV	64.40	Horizontal	Pass
5	3983.500	45.27	-9.70	74.0	-28.73	Peak	118.70	Horizontal	Pass
5**	3983.500	34.90	-9.70	54.0	-19.10	AV	118.70	Horizontal	Pass
6	4899.500	46.27	-6.08	74.0	-27.73	Peak	81.50	Horizontal	Pass
6**	4899.500	35.55	-6.08	54.0	-18.45	AV	81.50	Horizontal	Pass



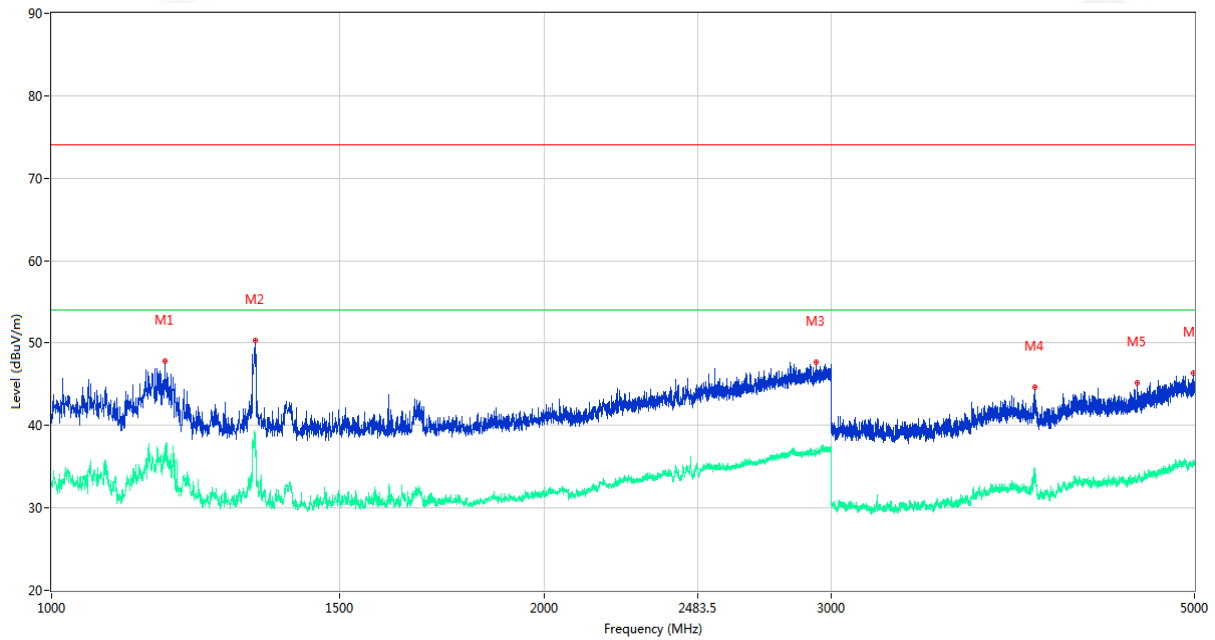
Vertical



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1141.500	47.77	-1.69	74.0	-26.23	Peak	64.20	Vertical	Pass
1**	1141.500	37.07	-1.69	54.0	-16.93	AV	64.20	Vertical	Pass
2	1330.000	46.74	-1.29	74.0	-27.26	Peak	239.40	Vertical	Pass
2**	1330.000	35.65	-1.29	54.0	-18.35	AV	239.40	Vertical	Pass
3	2551.000	53.44	3.55	74.0	-20.56	Peak	30.70	Vertical	Pass
3**	2551.000	45.41	3.55	54.0	-8.59	AV	30.70	Vertical	Pass
4	3206.500	43.03	-12.04	74.0	-30.97	Peak	99.40	Vertical	Pass
4**	3206.500	32.55	-12.04	54.0	-21.45	AV	99.40	Vertical	Pass
5	3982.000	48.21	-9.71	74.0	-25.79	Peak	135.10	Vertical	Pass
5**	3982.000	36.23	-9.71	54.0	-17.77	AV	135.10	Vertical	Pass
6	4891.000	46.90	-6.17	74.0	-27.10	Peak	86.30	Vertical	Pass
6**	4891.000	35.09	-6.17	54.0	-18.91	AV	86.30	Vertical	Pass



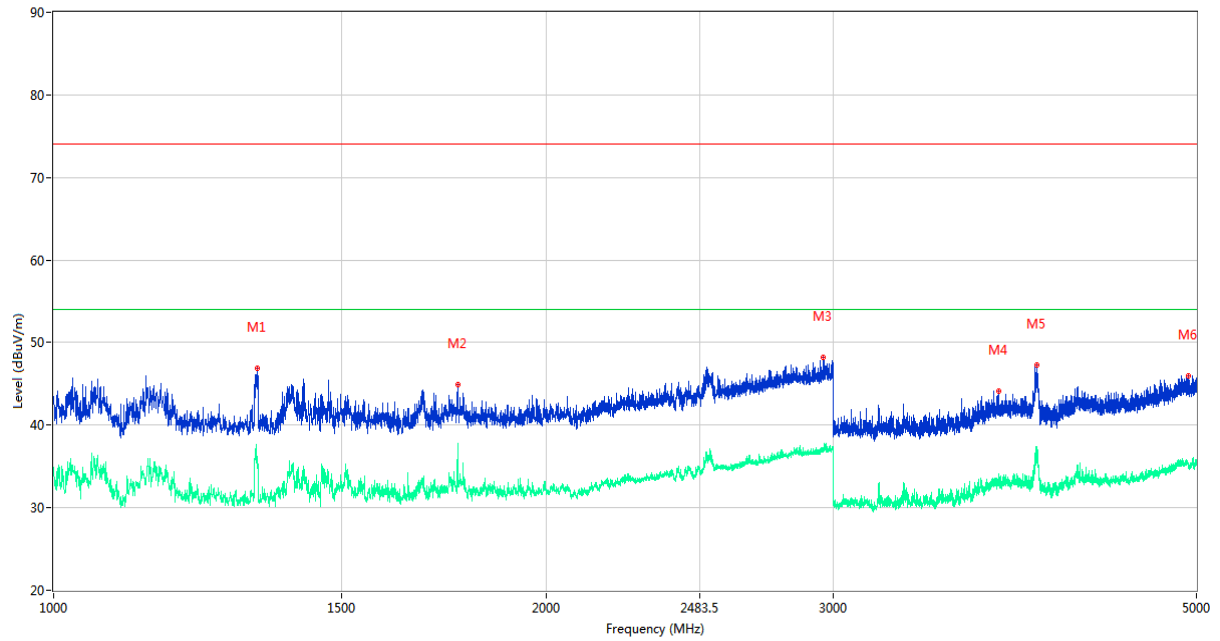
Middle Channel Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1172.500	47.79	-1.60	74.0	-26.21	Peak	51.20	Horizontal	Pass
1**	1172.500	37.55	-1.60	54.0	-16.45	AV	51.20	Horizontal	Pass
2	1333.000	50.34	-1.28	74.0	-23.66	Peak	110.00	Horizontal	Pass
2**	1333.000	39.09	-1.28	54.0	-14.91	AV	110.00	Horizontal	Pass
3	2937.000	47.69	5.13	74.0	-26.31	Peak	329.80	Horizontal	Pass
3**	2937.000	36.83	5.13	54.0	-17.17	AV	329.80	Horizontal	Pass
4	3996.500	44.62	-9.68	74.0	-29.38	Peak	123.20	Horizontal	Pass
4**	3996.500	34.94	-9.68	54.0	-19.06	AV	123.20	Horizontal	Pass
5	4612.000	45.21	-7.75	74.0	-28.79	Peak	49.10	Horizontal	Pass
5**	4612.000	33.28	-7.75	54.0	-20.72	AV	49.10	Horizontal	Pass
6	4993.500	46.41	-5.95	74.0	-27.59	Peak	11.90	Horizontal	Pass
6**	4993.500	35.56	-5.95	54.0	-18.44	AV	11.90	Horizontal	Pass



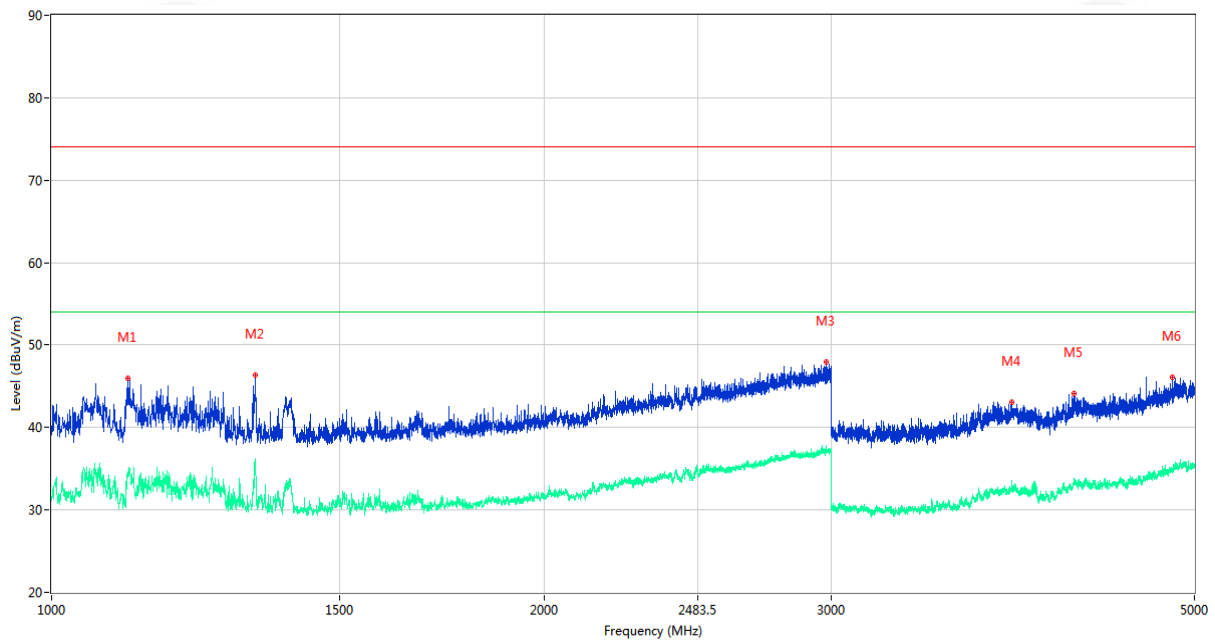
Vertical



No	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1333.000	46.86	-1.28	74.0	-27.14	Peak	156.10	Vertical	Pass
1**	1333.000	36.25	-1.28	54.0	-17.75	AV	156.10	Vertical	Pass
2	1766.500	44.94	-0.60	74.0	-29.06	Peak	318.30	Vertical	Pass
2**	1766.500	37.75	-0.60	54.0	-16.25	AV	318.30	Vertical	Pass
3	2954.500	48.22	5.24	74.0	-25.78	Peak	140.80	Vertical	Pass
3**	2954.500	37.04	5.24	54.0	-16.96	AV	140.80	Vertical	Pass
4	3785.000	44.10	-10.61	74.0	-29.90	Peak	147.30	Vertical	Pass
4**	3785.000	33.13	-10.61	54.0	-20.87	AV	147.30	Vertical	Pass
5	3993.000	47.32	-9.69	74.0	-26.68	Peak	85.90	Vertical	Pass
5**	3993.000	37.39	-9.69	54.0	-16.61	AV	85.90	Vertical	Pass
6	4945.500	45.95	-6.01	74.0	-28.05	Peak	211.70	Vertical	Pass
6**	4945.500	35.08	-6.01	54.0	-18.92	AV	211.70	Vertical	Pass



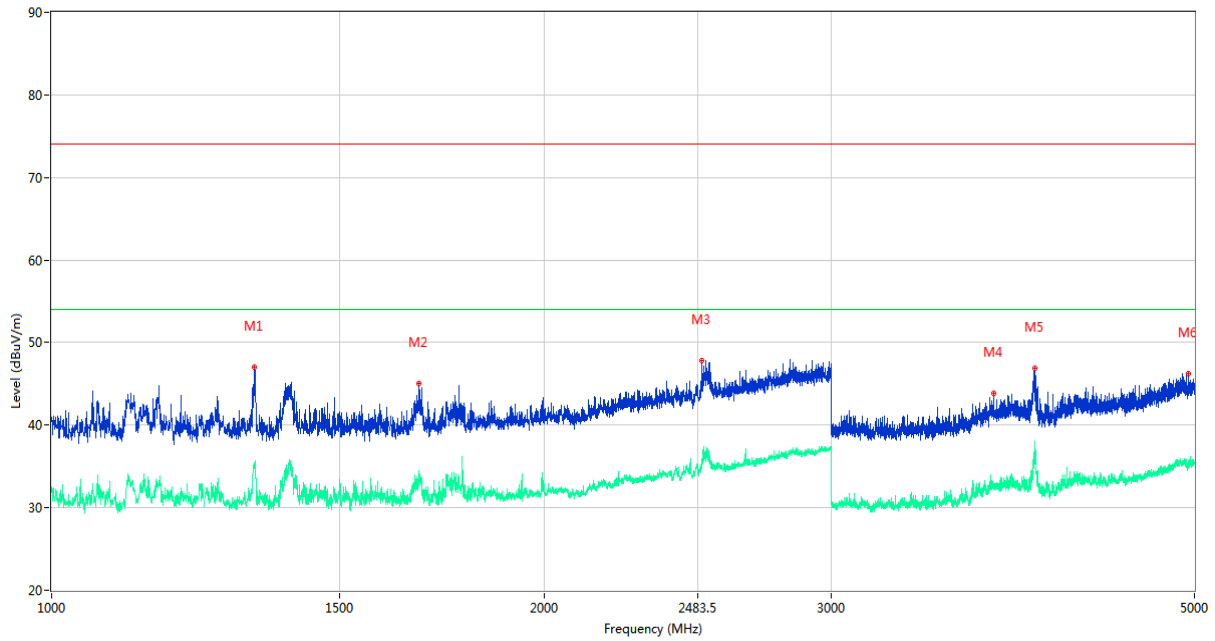
High Channel Horizontal



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1113.000	45.98	-1.74	74.0	-28.02	Peak	241.70	Horizontal	Pass
1**	1113.000	34.62	-1.74	54.0	-19.38	AV	241.70	Horizontal	Pass
2	1332.500	46.38	-1.28	74.0	-27.62	Peak	119.30	Horizontal	Pass
2**	1332.500	36.26	-1.28	54.0	-17.74	AV	119.30	Horizontal	Pass
3	2975.000	47.98	5.34	74.0	-26.02	Peak	291.50	Horizontal	Pass
3**	2975.000	37.14	5.34	54.0	-16.86	AV	291.50	Horizontal	Pass
4	3868.500	43.07	-10.07	74.0	-30.93	Peak	87.40	Horizontal	Pass
4**	3868.500	33.53	-10.07	54.0	-20.47	AV	87.40	Horizontal	Pass
5	4217.500	44.12	-8.40	74.0	-29.88	Peak	26.80	Horizontal	Pass
5**	4217.500	33.29	-8.40	54.0	-20.71	AV	26.80	Horizontal	Pass
6	4847.500	46.12	-6.64	74.0	-27.88	Peak	29.00	Horizontal	Pass
6**	4847.500	35.05	-6.64	54.0	-18.95	AV	29.00	Horizontal	Pass



Vertical



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB/m)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Antenna	Verdict
1	1331.000	46.99	-1.29	74.0	-27.01	Peak	194.10	Vertical	Pass
1**	1331.000	35.45	-1.29	54.0	-18.55	AV	194.10	Vertical	Pass
2	1677.500	45.07	-0.97	74.0	-28.93	Peak	90.30	Vertical	Pass
2**	1677.500	34.54	-0.97	54.0	-19.46	AV	90.30	Vertical	Pass
3	2498.500	47.87	3.14	74.0	-26.13	Peak	132.70	Vertical	Pass
3**	2498.500	35.95	3.14	54.0	-18.05	AV	132.70	Vertical	Pass
4	3769.000	43.85	-10.63	74.0	-30.15	Peak	274.90	Vertical	Pass
4**	3769.000	32.41	-10.63	54.0	-21.59	AV	274.90	Vertical	Pass
5	3992.500	46.86	-9.69	74.0	-27.14	Peak	93.00	Vertical	Pass
5**	3992.500	38.04	-9.69	54.0	-15.96	AV	93.00	Vertical	Pass
6	4959.000	46.28	-5.99	74.0	-27.72	Peak	292.00	Vertical	Pass
6**	4959.000	35.23	-5.99	54.0	-18.77	AV	292.00	Vertical	Pass



5. 20DB OCCUPIED BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

According to FCC 15.231(c) requirement:

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

B.W (20dBc) Limit = $0.25\% \times f(\text{MHz})$

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	$>1.5 \times \text{OBW}$
RBW	1%~5%OBW
VBW	3*RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

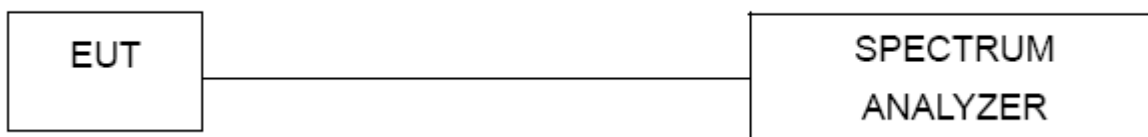
5.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 1%~5%OBW, VBW $\geq$ 3*RBW, Sweep time = Auto.

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATION CONDITIONS

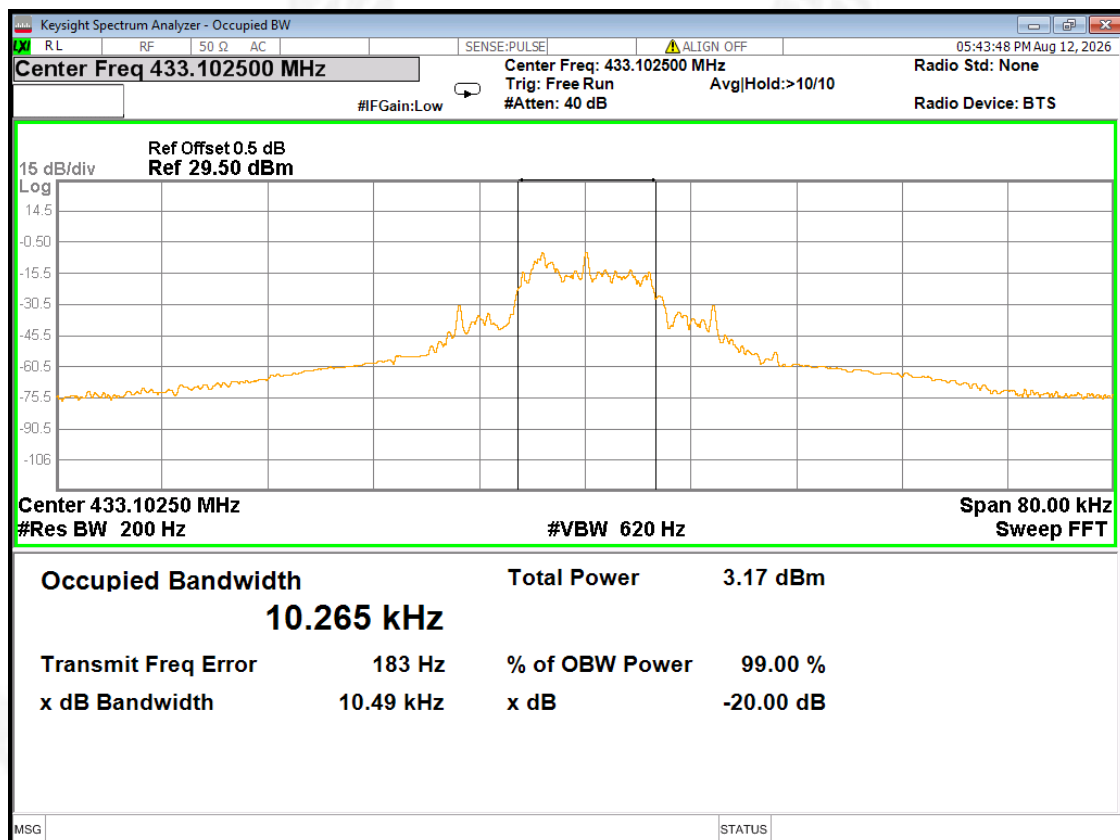
The EUT tested system was configured as the statements of Chapter 3, Unless otherwise a special operating condition is specified in the follows during the testing.



5.6 TEST RESULTS

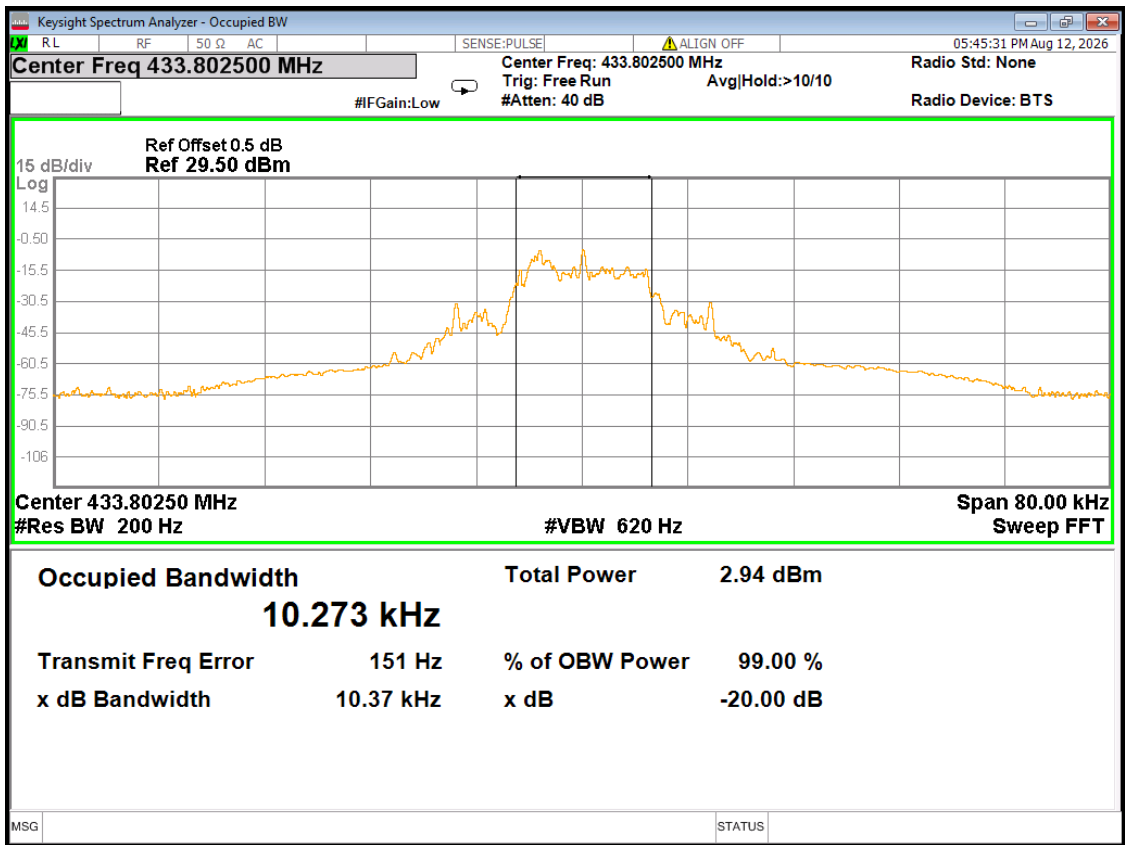
Channel	20dB Bandwidth (KHz)	Limit (kHz)	Result
Low	10.49	1082.75625	PASS
Middle	10.37	1084.50625	PASS
High	10.34	1086.50625	PASS

Low Channel

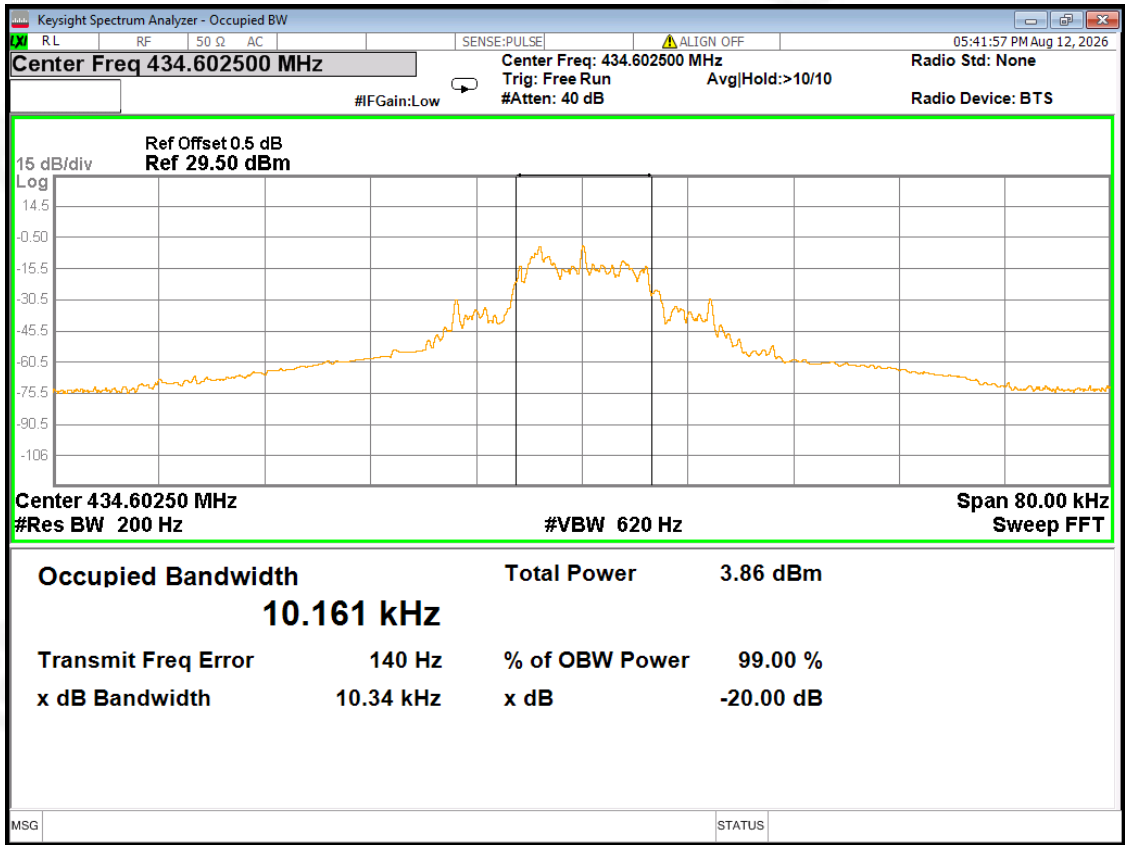




Middle Channel



High Channel





6. CALCULATION OF AVERAGE FACTOR

The output field strengths of specification in accordance with the FCC rules specify measurements with an average detector. During the test, a spectrum analyzer incorporating a peak detector was used. Therefore, a reduction factor can be applied to the resultant peak signal level and compared to the limit for measurement instrumentation incorporating an average detector.

The duty cycle is measured in 100 ms or the repetition cycle period, whichever is a shorter time frame. The duty cycle is measured by placing the spectrum analyzer to set zero span at 1000 kHz resolution bandwidth.

Averaging factor in dB = $20\log(\text{duty cycle})$

The duration of one cycle = 100ms

The duty cycle is simply the on-time divided the duration of one cycle

Duty Cycle = $100 / 100\text{ms} = 1$

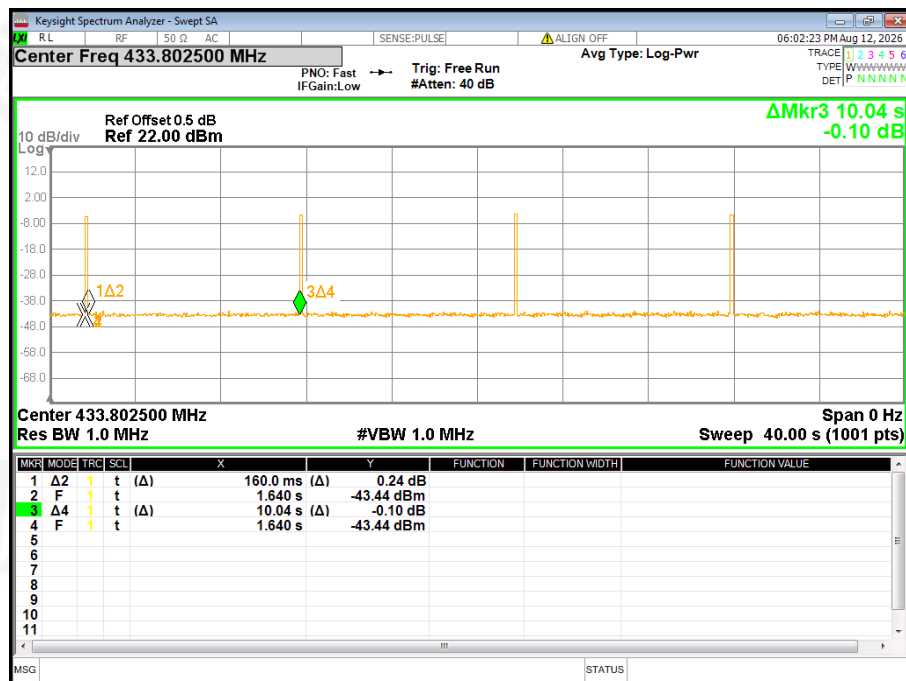
Therefore, the averaging factor is found by $20\log(1) = 0\text{ dB}$

Test plot as follows:

Note: During the 100ms, the amount of pulse and on-time of pulse are the same for every pulse train.



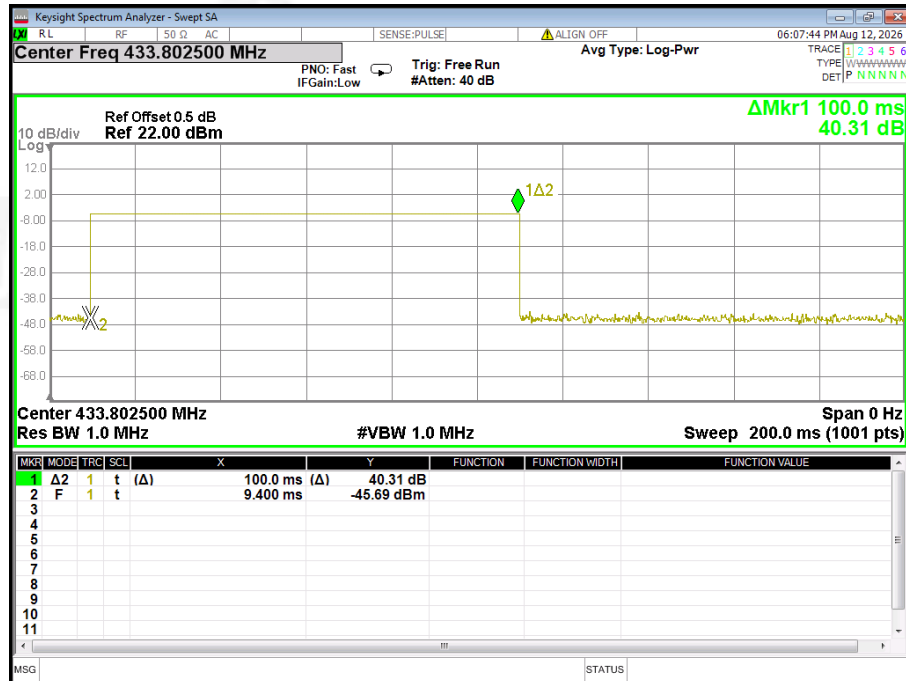
Cycle





Pulse & On-time

FCC Part15 (15.231(e))	
Total On interval in a complete pulse train(ms)	100
Length of a complete pulse train(ms)	100
Duty Cycle(%)	100.00%
Duty Cycle Correction Factor(dB)	0.00





7. TRANSMITTER TIMEOUT

7.1 APPLICABLE STANDARD

According to FCC 15.231(e) requirement:

In addition, devices operated under the provisions of this paragraph shall be provided with a means for automatically limiting operation so that the duration of each transmission shall not be greater than one second and the silent period between transmissions shall be at least 30 times the duration of the transmission but in no case less than 10 seconds.

7.2 TEST PROCEDURE

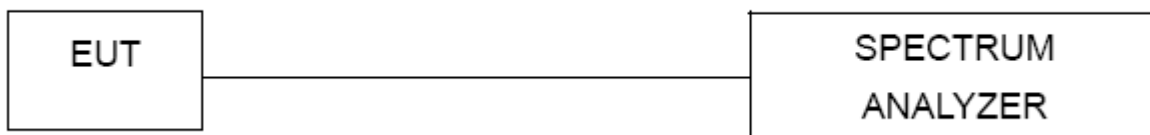
Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.

- 1.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.
- 2.Set RBW to 1000kHz and VBW of spectrum analyzer to 1000kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
- 3.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.
- 4.Repeat above procedures until all measured frequencies were complete.

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of Chapter 3, Unless otherwise a special operating condition is specified in the follows during the testing.



7.6 TEST RESULTS

Frequency(MHz)	Total cycle transmission time(s)	Each transmission time(s)	silent period between transmissions(s)
433.802	32.04	0.54	31.5
Limit	>10s	<1s	>10s and > 30*(duration of transmission)
Result	Pass		

Test plot as follows:





8. ANTENNA REQUIREMENT

Standard requirement:	FCC Part15 C Section 15.203
15.203 requirement: 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, 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.	
EUT Antenna:	
The antenna is Dipole Antenna, FPC Antenna, Horn Antenna, Sucker antenna, the best case gain of the antennas are -2dBi, -3.5dBi, 0.5dBi, 1dBi, reference to the appendix II for details.	



9. TEST SETUP PHOTO

Reference to the appendix I for details.

10. EUT CONSTRUCTIONAL DETAILS

Reference to the appendix II for details.

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