FCC Test Report

(Co-located)

Report No.:	RFBHTZ-WTW-P22080640A
FCC ID:	PPQLILYW131
Test Model:	EX-1193-M, EX-1193-H
Series Model:	EX-1193-E, EX-1193-T, EX-1193-M-48, EX-1193-E-48, EX-1193-T-48, EX-1193-H-48 (refer to item 3.1 for more details)
Received Date:	2023/5/12
Test Date:	2023/6/6 ~ 2023/7/13
Issued Date:	2023/7/28
Applicant:	LITE-ON Technology Corp.
Address:	Bldg. C, 90, Chien 1 Rd., Chung-Ho, New Taipei City 23585, Taiwan (R.O.C.)
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
Test Location:	No.19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, Taiwan
FCC Registration / Designation Number:	788550 / TW0003

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Release Control Record

Issue No.	Description	Date Issued
RFBHTZ-WTW-P22080640A	Original Release	2023/7/28

1 Certificate of Conformity

Product:	AC charging station
Brand:	LITEON
Test Model:	EX-1193-M, EX-1193-H
Series Model:	EX-1193-E, EX-1193-T, EX-1193-M-48, EX-1193-E-48, EX-1193-T-48, EX-1193-H-48 (refer to item 3.1 for more details)
Sample Status:	Engineering Sample
Applicant:	LITE-ON Technology Corp.
Standards:	47 CFR FCC Part 15, Subpart C (Section 15.247) 47 CFR FCC Part 15, Subpart C (Section 15.225) 47 CFR FCC Part 15, Subpart C (Section 15.215) ANSI C63.10-2013 FCC Part 22, Subpart H FCC Part 24, Subpart E FCC Part 27, Subpart C, H, F, L FCC Part 90, Subpart I, S FCC Part 2

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by : Lena Wang , **Date:** 2023/7/28

Lena Wang / Specialist

Approved by : Jeremy Lin , **Date:** 2023/7/28

Jeremy Lin / Project Engineer

2 Summary of Test Results

47 CFR FCC Part 15, Subpart C (Section 15.247) 47 CFR FCC Part 15, Subpart C (Section 15.225, 15.215) FCC Part 22, Subpart H FCC Part 24, Subpart E FCC Part 27, Subpart C, H, F, L FCC Part 90, Subpart I, S FCC Part 2			
FCC Clause	**Test Item**	**Result**	**Remarks**
15.205 / 15.209 / 15.247(d)	Radiated Emissions and Band Edge Measurement	Pass	Meet the requirement of limit. Minimum passing margin is -0.3 dB at 40.57 MHz and 40.67 MHz.
2.1053 22.917	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -23.77 dB at 40.67 MHz.
2.1053 24.238	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -22.96 dB at 30.97 MHz.
2.1053 27.53(h) / (g)	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -23.82 dB at 63.95 MHz.
2.1053 90.691	Radiated Spurious Emissions	Pass	Meet the requirement of limit. Minimum passing margin is -21.88 dB at 1629.40 MHz.
15.225 (a)	The field strength of any emissions within the band 13.553-13.567 MHz	Pass	Meet the requirement of limit. Minimum passing margin is -60.7 dB at 13.56 MHz.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

2.1 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2:

Measurement	Frequency	Expanded Uncertainty (k=2) (±)
Radiated Emissions up to 1 GHz	9 kHz ~ 30 MHz	3.04 dB
	30 MHz ~ 200 MHz	2.0153 dB
	200 MHz ~ 1000 MHz	2.0224 dB
Radiated Emissions above 1 GHz	1 GHz ~ 18 GHz	1.0121 dB
	18 GHz ~ 40 GHz	1.1508 dB

2.2 Modification Record

There were no modifications required for compliance.

3 General Information

3.1 General Description of EUT

Product	AC charging station	
Brand	LITEON	
Test Model	EX-1193-M, EX-1193-H	
Series Model	EX-1193-E, EX-1193-T, EX-1193-M-48, EX-1193-E-48, EX-1193-T-48, EX-1193-H-48	
Status of EUT	Engineering Sample	
Power Supply Rating	208- 240Vac	
Modulation Type	WLAN	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
	WCDMA	BPSK, QPSK
	LTE	QPSK, 16QAM
	NFC	ASK
Data Rate	WLAN	802.11b: 11.0 / 5.5 / 2.0 / 1.0 Mbps 802.11g: 54.0 / 48.0 / 36.0 / 24.0 / 18.0 / 12.0 / 9.0 / 6.0 Mbps 802.11n: up to 72.2Mbps
	NFC	Type A: 106 kbit/s Type B: 106 kbit/s
Operating Frequency	WLAN	2412 ~ 2462 MHz
	WCDMA Band 2	1852.4 ~ 1907.6 MHz
	WCDMA Band 4	1712.4 ~ 1752.6 MHz
	WCDMA Band 5	826.4 ~ 846.6 MHz
	LTE Band 2 (Channel Bandwidth: 1.4 MHz)	1850.7 ~ 1909.3 MHz
	LTE Band 2 (Channel Bandwidth: 3 MHz)	1851.5 ~ 1908.5 MHz
	LTE Band 2 (Channel Bandwidth: 5 MHz)	1852.5 ~ 1907.5 MHz
	LTE Band 2 (Channel Bandwidth: 10 MHz)	1855.0 ~ 1905.0 MHz
	LTE Band 2 (Channel Bandwidth: 15 MHz)	1857.5 ~ 1902.5 MHz
	LTE Band 2 (Channel Bandwidth: 20 MHz)	1860.0 ~ 1900.0 MHz
	LTE Band 4 (Channel Bandwidth: 1.4 MHz)	1710.7 ~ 1754.3 MHz
	LTE Band 4 (Channel Bandwidth: 3 MHz)	1711.5 ~ 1753.5 MHz
	LTE Band 4 (Channel Bandwidth: 5 MHz)	1712.5 ~ 1752.5 MHz
	LTE Band 4 (Channel Bandwidth: 10 MHz)	1715.0 ~ 1750.0 MHz
	LTE Band 4 (Channel Bandwidth: 15 MHz)	1717.5 ~ 1747.5 MHz
	LTE Band 4 (Channel Bandwidth: 20 MHz)	1720.0 ~ 1745.0 MHz

	LTE Band 5 (Channel Bandwidth: 1.4 MHz)	824.7 ~ 848.3 MHz
	LTE Band 5 (Channel Bandwidth: 3 MHz)	825.5 ~ 847.5 MHz
	LTE Band 5 (Channel Bandwidth: 5 MHz)	826.5 ~ 846.5 MHz
	LTE Band 5 (Channel Bandwidth: 10 MHz)	829 ~ 844 MHz
	LTE Band 12 (Channel Bandwidth: 1.4 MHz)	699.7 ~ 715.3 MHz
	LTE Band 12 (Channel Bandwidth: 3 MHz)	700.5 ~ 714.5 MHz
	LTE Band 12 (Channel Bandwidth: 5 MHz)	701.5 ~ 713.5 MHz
	LTE Band 12 (Channel Bandwidth: 10 MHz)	704.0 ~ 711.0 MHz
	LTE Band 13 (Channel Bandwidth: 5 MHz)	779.5 ~ 784.5 MHz
	LTE Band 13 (Channel Bandwidth: 10 MHz)	782.0 MHz
	LTE Band 25 (Channel Bandwidth: 1.4 MHz)	1850.7 ~ 1914.3 MHz
	LTE Band 25 (Channel Bandwidth: 3 MHz)	1851.5 ~ 1913.5 MHz
	LTE Band 25 (Channel Bandwidth: 5 MHz)	1852.5 ~ 1912.5 MHz
	LTE Band 25 (Channel Bandwidth: 10 MHz)	1855.0 ~ 1910.0 MHz
	LTE Band 25 (Channel Bandwidth: 15 MHz)	1857.5 ~ 1907.5 MHz
	LTE Band 25 (Channel Bandwidth: 20 MHz)	1860.0 ~ 1905.0 MHz
	LTE Band 26 (Channel Bandwidth: 1.4 MHz) - Part 22	824.7 ~ 848.3 MHz
	LTE Band 26 (Channel Bandwidth: 3 MHz) - Part 22	825.5 ~ 847.5 MHz
	LTE Band 26 (Channel Bandwidth: 5 MHz) - Part 22	826.5 ~ 846.5 MHz
	LTE Band 26 (Channel Bandwidth: 10 MHz) - Part 22	829 ~ 844 MHz
	LTE Band 26 (Channel Bandwidth: 1.4 MHz)) -Part 90	814.7 ~ 823.3 MHz
	LTE Band 26 (Channel Bandwidth: 3 MHz) - Part 90	815.5 ~ 822.5 MHz
	LTE Band 26 (Channel Bandwidth: 5 MHz) - Part 90	816.5 ~ 821.5 MHz
	LTE Band 26 (Channel Bandwidth: 10 MHz) - Part 90	819 MHz
	NFC	13.56 MHz
Number of Channel	WLAN	2412 ~ 2462 MHz 11 for 802.11b, 802.11g, 802.11n (HT20)
	NFC	1
Antenna Type	Refer to Note as below	
Antenna	Refer to Note as below	

Connector	
Accessory Device	Refer to Note as below
Data Cable Supplied	N/A

Note:

1. This report is issued as a supplementary report to BV CPS report no. RFBHTZ-WTW-P22080640-1. The difference compared with original report are adding new model: EX-1193-H, EX-1193-H-48 and adding new NFC Module*2, therefore the EUT is re-tested in this report.
2. The EUT provides 1 completed transmitter and 1 receiver.

Modulation Mode	Tx Function
802.11b	1TX
802.11g	1TX
802.11n (HT20)	1TX

3. All models are listed as below. Only Model Number: EX-1193-M and EX-1193-H as a representative for final test.

Brand	Model	LTE	NFC	WIFI	Bluetooth	Difference
LITEON	EX-1193-M	Provided	Provided	Provided	Not Provided	The rated current (80A/48A) and the model of the charger
	EX-1193-M-48					
	EX-1193-E	Not Provided	Provided	Provided	Not Provided	The rated current (80A/48A) and the model of the charger
	EX-1193-E-48					
	EX-1193-T	Not Provided	Not Provided	Provided	Not Provided	The rated current (80A/48A) and the model of the charger
	EX-1193-T-48					
	EX-1193-H	Provided	Provided	Provided	Not Provided	The rated current (80A/48A) and the model of the charger
	EX-1193-H-48					

4. The EUT contains following accessory devices.

Product	Brand	Model	Description
holster	Liteon	N/A	-

5. The antenna information is listed as below.

WWAN Antenna											
Antenna Type	**Monopole Coupling**										
Band	**WCDMA**			**LTE**							
	II	**IV**	**V**	**2**	**4**	**5**	**12**	**13**	**25**	**26 (Part 22)**	**26 (Part 90)**
Gain	3.8	3	1.4	3.8	3	1.4	1.2	1.7	3.8	1.4	1.4

*LTE Band 26 (Part 22 and Part 90) gain value is to select the maximum gain value evaluation of 814-849 MHz.

WLAN Antenna	
Antenna Type	Antenna Gain (dBi)
	WLAN 2.4 GHz
Dipole	3.0

6. Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.
7. WLAN 2.4G & WWAN & NFC technology can transmit at same time.
8. The EUT contains certified WLAN module with FCC ID: PPQLILYW131, NFC module 1 with FCC ID: WQJ-PIPOEM, NFC module 2 with FCC ID: WQJ-ID80149014 and WWAN module with FCC ID: PPQ202008EG91NAXD.
9. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

3.2 Description of Test Modes

For 2.4G

11 channels are provided for 802.11b, 802.11g and 802.11n (HT20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	7	2442
2	2417	8	2447
3	2422	9	2452
4	2427	10	2457
5	2432	11	2462
6	2437		

For NFC

One channel was provided to this EUT:

Channel	Frequency (MHz)
1	13.56

3.2.1 Test Mode Applicability and Tested Channel Detail

EUT Configure Mode	Applicable to		Description
	RE≥1G	RE<1G	
A	√	√	EX-1193-M
B	√	√	EX-1193-H

Where RE≥1G: Radiated Emission above 1GHz & Bandedge Measurement RE<1G: Radiated Emission below 1GHz

Note: The EUT is designed to be positioned on the Z-plane only.

Radiated Emission Test (Above 1 GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Mode	Freq. Range (MHz)	Available Channel	Tested Channel	Modulation Technology
A, B	11n (HT20) + LTE Band 26 (Part 22) + NFC	2412-2462	1, 6, 11	6 + 26797 + 1	BPSK
		824.7-848.3	26797, 26915, 27033		QPSK
		13.56	1		ASK
	11n (HT20) + LTE Band 2 + NFC	2412 ~ 2462	1, 6, 11	6 + 19185 + 1	BPSK
		1850.7-1909.3	18615, 18900, 19185		QPSK
		13.56	1		ASK
	11n (HT20) + LTE Band 4 + NFC	2412-2462	1, 6, 11	6 + 20050 + 1	BPSK
		1710.7-1754.3	20050, 20175, 20300		QPSK
		13.56	1		ASK
	11n (HT20) + LTE Band 26 (Part 90) + NFC	2412-2462	1, 6, 11	6 + 26697 + 1	BPSK
		814.7-823.3	26697, 26740, 26783		QPSK
		13.56	1		ASK

Radiated Emission Test (Below 1GHz):

☒ Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates and antenna ports (if EUT with antenna diversity architecture).

☒ Following channel(s) was (were) selected for the final test as listed below.

EUT Configure Mode	Mode	Freq. Range (MHz)	Available Channel	Tested Channel	Modulation Technology
A, B	11n (HT20) + LTE Band 26 (Part 22) + NFC	2412-2462	1, 6, 11	6 + 26797 + 1	BPSK
		824.7-848.3	26797, 26915, 27033		QPSK
		13.56	1		ASK
	11n (HT20) + LTE Band 2 + NFC	2412 ~ 2462	1, 6, 11	6 + 19185 + 1	BPSK
		1850.7-1909.3	18615, 18900, 19185		QPSK
		13.56	1		ASK
	11n (HT20) + LTE Band 4 + NFC	2412-2462	1, 6, 11	6 + 20050 + 1	BPSK
		1710.7-1754.3	20050, 20175, 20300		QPSK
		13.56	1		ASK
	11n (HT20) + LTE Band 26 (Part 90) + NFC	2412-2462	1, 6, 11	6 + 26697 + 1	BPSK
		814.7-823.3	26697, 26740, 26783		QPSK
		13.56	1		ASK

Test Condition:

Applicable to	Environmental Conditions	Input Power (System)	Tested by
RE≥1G	23 deg. C, 68 % RH	220Vac, 60 Hz	Vincent Chen
RE<1G	23 deg. C, 68 % RH	220Vac, 60 Hz	Vincent Chen, Thomas Cheng

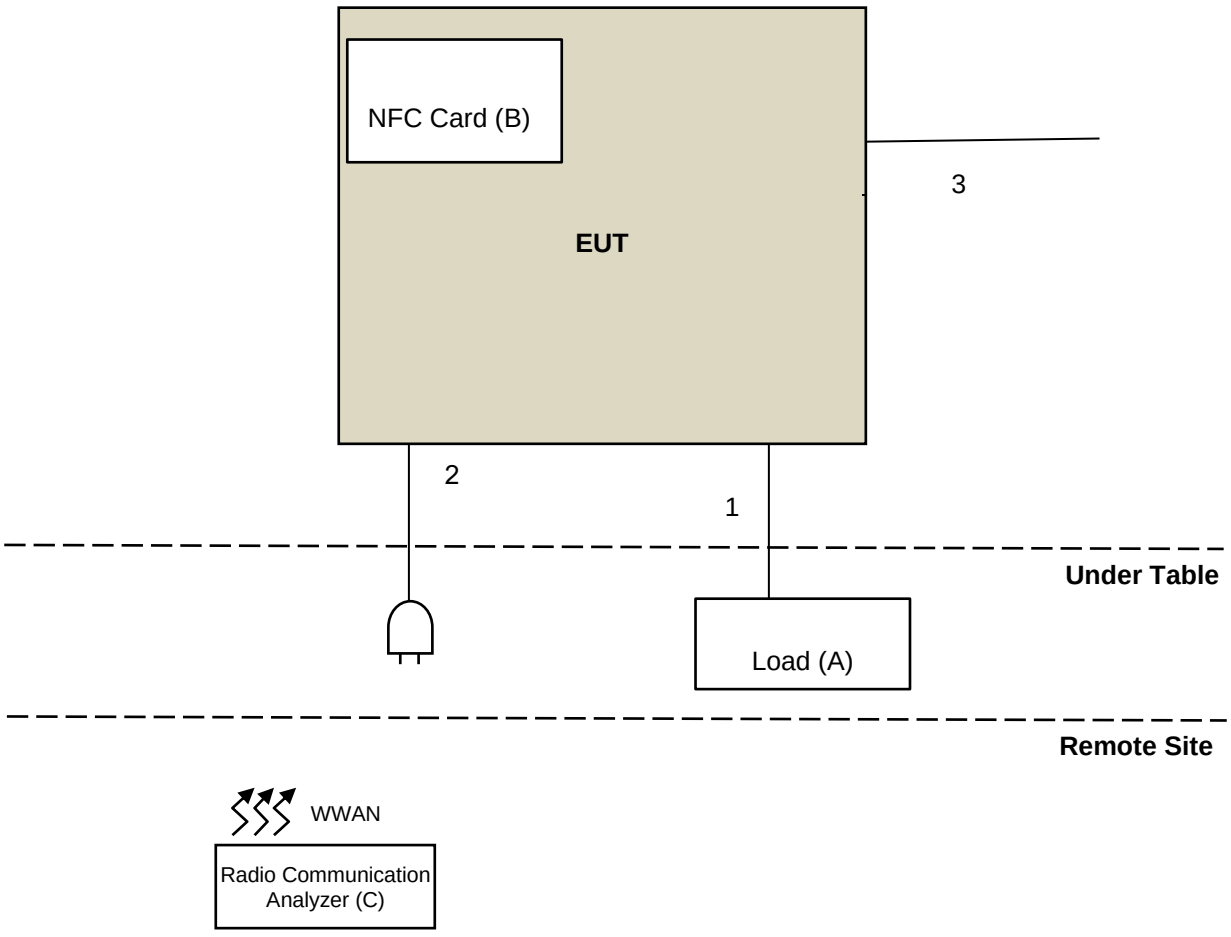
3.3 Description of Support Units

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.

ID	Product	Brand	Model No.	Serial No.	FCC ID	Remarks
A	LOAD	N/A	N/A	N/A	N/A	Provided by Lab
B	NFC Card	N/A	N/A	N/A	N/A	Provided by Lab
C	Radio Communication Analyzer	Anritsu	MT8821C	6201462755	NA	Provided by Lab

ID	Cable Descriptions	Qty.	Length (m)	Shielding (Yes/No)	Cores (Qty.)	Remarks
1	RJ-45 Cable	2	1.5	N	0	Provided by Lab
2	AC Cable	1	1.8	N	0	Supplied by applicant
3	Charging Cable	1	3	Y	0	Supplied by applicant

3.3.1 Configuration of System under Test



3.4 General Description of Applied Standards

The EUT is a RF Product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards and references:

Test Standard:
FCC Part 15, Subpart C (15.247)
FCC Part 15, Subpart C (15.225)
FCC Part 15, Subpart C (15.215)
ANSI C63.10-2013
FCC 47 CFR Part 2
FCC 47 CFR Part 22
FCC 47 CFR Part 24
FCC 47 CFR Part 27
FCC 47 CFR Part 90
ANSI 63.26-2015
All test items have been performed and recorded as per the above standards.

References Test Guidance:
KDB 558074 D01 15.247 Meas Guidance v05r02
KDB 414788 D01 Radiated Test Site v01r01
KDB 971168 D01 Power Meas License Digital Systems v03r01
KDB 971168 D02 Misc Rev Approv License Devices v02r02
ANSI/TIA/EIA-603-E 2016
All test items have been performed as a reference to the above KDB test guidance.

4 Test Types and Results

4.1 Radiated Emission and Bandedge Measurement

4.1.1 Limits of Radiated Emission and Bandedge Measurement

For WLAN

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table. Other emissions shall be at least 20 dB below the highest level of the desired power:

Frequencies (MHz)	Field Strength (microvolts/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

Note:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

For Part 22 & Part 24

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit is equal to -13 dBm.

For Part 27

For LTE Band 4:

According to FCC 27.53(h), for operations in the 1695-1710MHz, 1710-1755MHz, 1755-1780 MHz bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log (P) dB.

For Part 90

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least 43 +10 log (P) dB. The limit of emission is equal to -13 dBm.

For NFC

a. The field strength of any emissions within the band 13.553-13.567 MHz shall not exceed 15,848 microvolts/meter at 30 meters.
b. Within the bands 13.410-13.553 MHz and 13.567-13.710 MHz, the field strength of any emissions shall not exceed 334 microvolts/meter at 30 meters.
c. Within the bands 13.110-13.410 MHz and 13.710-14.010 MHz the field strength of any emissions shall not exceed 106 microvolts/meter at 30 meters.
d. The field strength of any emissions appearing outside of the 13.110-14.010 MHz band shall not exceed the general radiated emission limits in §15.209 as below table:

Frequencies (MHz)	Field Strength (microvolts/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

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. For frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

4.1.2 Test Instruments

Description & Manufacturer	Model No.	Serial No.	Date of Calibration	Due Date of Calibration
Software BV ADT	ADT_Radiated_ V7.6.15.9.5	NA	NA	NA
Antenna Tower &Turn Max-Full	MFA-440H	AT93021705	NA	NA
Turn Table Max-Full	MFT-201SS	NA	NA	NA
Turn Table Controller Max-Full	MG-7802	NA	NA	NA
Loop Antenna TESEQ	HLA 6121	45745	2022/7/27	2023/7/26
RF Coaxial Cable EMCI	5D-NM-BM	140903+140902	2023/1/7	2024/1/6
Pre-Ammlifier EMCI	EMC 330H	980112	2022/10/1	2023/9/30
Bi_Log Antenna Schwarzbeck	VULB9168	9168-472	2022/10/21	2023/10/20
RF Coaxial Cable WORKEN	8D-FB	Cable-Ch10-01	2022/10/1	2023/9/30
Test Receiver KEYSIGHT	N9038A	MY55420137	2023/5/3	2024/5/2
Horn Antenna Schwarzbeck	BBHA 9120D	9120D-969	2022/11/13	2023/11/12
Signal Analyzer Agilent	N9010A	MY52220314	2022/12/9	2023/12/8
Pre-Amplifier EMCI	EMC 012645	980115	2022/10/1	2023/9/30
RF Coaxial Cable EMCI	EMC104-SM-SM- 8000+3000	171005	2022/10/1	2023/9/30
RF Coaxial Cable HUBER SUHNER	SUCOFLEX 104	EMC104-SM-SM- 1000(140807)	2022/10/1	2023/9/30
RF FLITER MICRO-TRONICS	BRM50716	060	2023/1/11	2024/1/10
RF FLITER MICRO-TRONICS	BRM17690	004	2023/1/11	2024/1/10
Boresight antenna tower fixture BV	BAF-02	7	NA	NA
Pre-Ammlifier EMCI	EMC 184045	980116	2022/10/1	2023/9/30
Horn Antenna Schwarzbeck	BBHA 9170	148	2022/11/13	2023/11/12
Signal Analyzer Agilent	N9010A	MY52220314	2022/12/9	2023/12/8
RF Coaxial Cable EMCI	EMC102-KM-KM- 600	150928	2022/7/9	2023/7/8
			2023/7/8	2024/7/7
RF Coaxial Cable EMCI	EMC102-KM-KM- 3000	150929	2022/7/9	2023/7/8
			2023/7/8	2024/7/7
Radio Communication Analyzer Anritsu	MT8821C	6201462755	2023/3/3	2024/3/2

Note: 1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

2. The test was performed in HY 966 chamber 5

4.1.3 Test Procedures

For WLAN

For Radiated emission below 30MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9kHz at frequency below 30MHz.

For Radiated emission above 30MHz

1. The EUT was placed on the top of a rotating table 0.8 meters (for 30MHz ~ 1GHz) / 1.5 meters (for above 1GHz) above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

3. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

5. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

6. The test-receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz. If the peak reading value also meets average limit, measurement with the average detector is unnecessary.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection (QP) at frequency below 1GHz.

2. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3 MHz for Peak detection (PK) at frequency above 1GHz.

3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥ 1/T (Duty cycle < 98%) or 10Hz (Duty cycle ≥ 98%) for Average detection (AV) at frequency above 1GHz.

4. All modes of operation were investigated and the worst-case emissions are reported.

For Part 22 & Part 24 & Part 27 & Part 90

1. In the semi-anechoic chamber, EUT placed on the 0.8m(below or equal 1GHz) and/or 1.5m(above 1GHz) height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
2. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP/ERP level.
4. Following C63.26 section 5.5 and 5.2.7

EIRP (dBm) = E (dBμV/m) + 20log(D) - 104.8; where D is the measurement distance (in the far field region) in m.

ERP (dBm) = E (dBμV/m) + 20log(D) - 104.8 - 2.15; where D is the measurement distance (in the far field region) in m.

NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz/3 MHz. Set detector = average.
2. The emission levels were against the limit of frequency range 9 kHz ~ 30 MHz:

The amplitude of spurious emissions attenuated more than 20 dB below the permissible value is not required to be report.

For NFC

For Radiated Emission below 30 MHz

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode, except for the frequency band (9kHz-90kHz, 110Hz-490kHz) set to average detect function.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 9 kHz at frequency below 30 MHz.
2. There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

For Radiated Emission above 30 MHz

1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1 GHz.

Note:

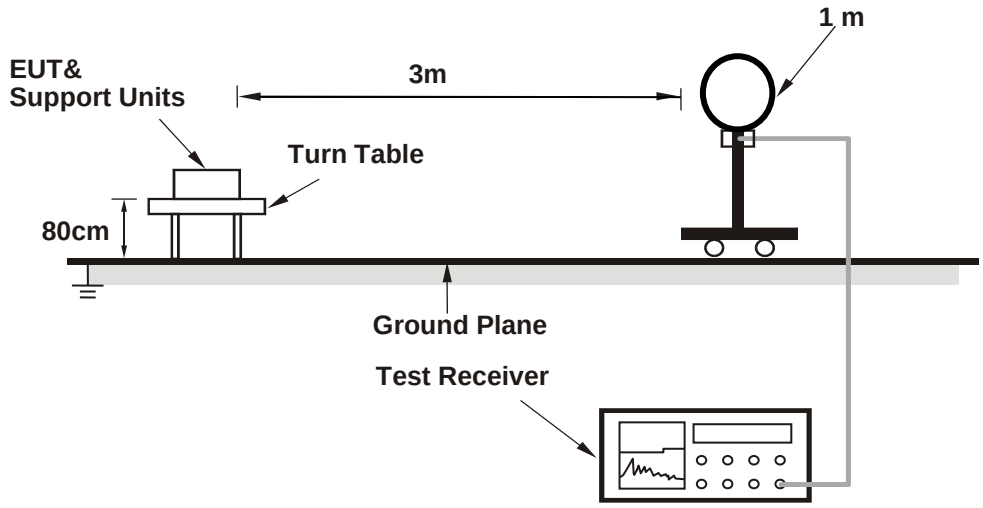
1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz for Quasi-peak detection (QP) at frequency below 1 GHz.
2. All modes of operation were investigated and the worst-case emissions are reported.

4.1.4 Deviation from Test Standard

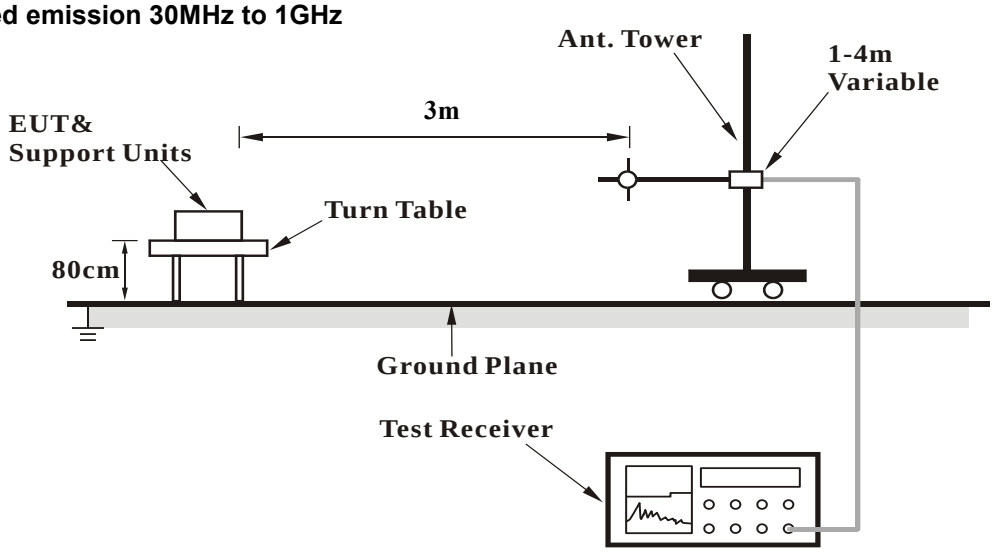
No deviation.

4.1.5 Test Setup

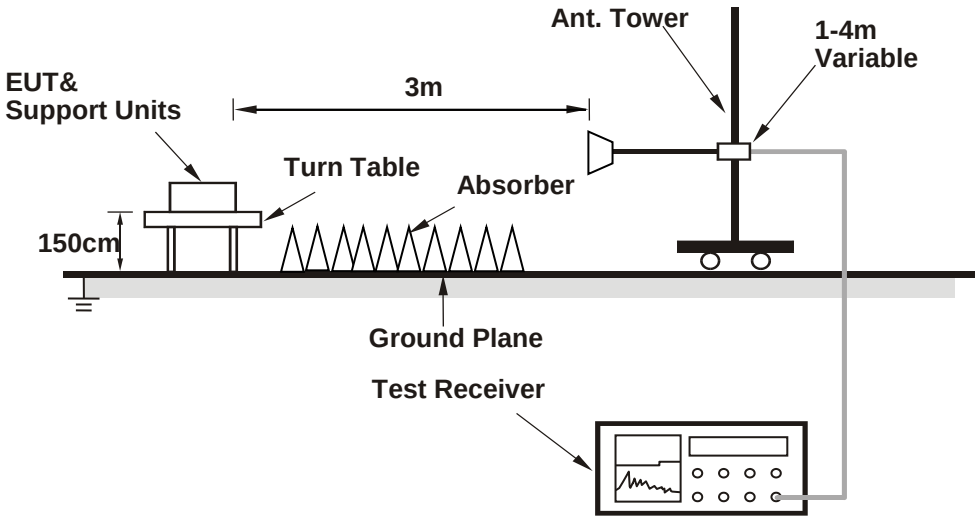
For Radiated emission below 30MHz



For Radiated emission 30MHz to 1GHz



For Radiated emission above 1GHz



For the actual test configuration, please refer to the attached file (Test Setup Photo).

4.1.6 EUT Operating Conditions

For WLAN, NFC

1. Placed the EUT on the testing table.
2. Set the EUT under transmission condition continuously at specific channel frequency.

For WWAN

1. Placed the EUT on the testing table.
2. The EUT is configured by emulator to set data modulation and maximum power using WWAN technology.

4.1.7 Test Results

Above 1 GHz Data：

Mode A

11n (HT20) + LTE Band 26 (Part 22) + NFC

Channel	Ch6 + Ch 26797 + Ch1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	102.8 PK			1.79 H	354	69.0	33.8
2	*2437.00	92.9 AV			1.79 H	354	59.1	33.8
3	4874.00	51.4 PK	74.0	-22.6	2.00 H	197	40.9	10.5
4	4874.00	37.2 AV	54.0	-16.8	2.00 H	197	26.7	10.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	98.0 PK			2.91 V	293	64.2	33.8
2	*2437.00	88.1 AV			2.91 V	293	54.3	33.8
3	4874.00	51.0 PK	74.0	-23.0	3.22 V	175	40.5	10.5
4	4874.00	36.9 AV	54.0	-17.1	3.22 V	175	26.4	10.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

Channel	Ch6 + Ch 26797 + Ch1	Frequency Range	1GHz ~ 18GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1649.40	-37.87	-13.00	-24.87	1.94 H	314	64.57	-102.44
2	2474.10	-42.18	-13.00	-29.18	1.38 H	18	56.88	-99.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1649.40	-37.72	-13.00	-24.72	1.66 V	128	64.72	-102.44
2	2474.10	-37.29	-13.00	-24.29	3.18 V	27	61.77	-99.06

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

11n (HT20) + LTE Band 2 + NFC

Channel	Ch 6 + Ch 19185 + Ch1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	103.0 PK			1.79 H	353	69.2	33.8
2	*2437.00	93.1 AV			1.79 H	353	59.3	33.8
3	4874.00	51.5 PK	74.0	-22.5	2.00 H	196	41.0	10.5
4	4874.00	37.2 AV	54.0	-16.8	2.00 H	196	26.7	10.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	98.0 PK			2.92 V	293	64.2	33.8
2	*2437.00	88.2 AV			2.92 V	293	54.4	33.8
3	4874.00	51.1 PK	74.0	-22.9	3.22 V	174	40.6	10.5
4	4874.00	36.9 AV	54.0	-17.1	3.22 V	174	26.4	10.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

Channel	Ch 6 + Ch 19185 + Ch1	Frequency Range	1GHz ~ 20GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3817.00	-46.25	-13.00	-33.25	1.52 H	307	46.53	-92.78
2	5725.50	-39.05	-13.00	-26.05	1.38 H	314	50.19	-89.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3817.00	-42.68	-13.00	-29.68	1.54 V	27	50.10	-92.78
2	5725.50	-38.96	-13.00	-25.96	1.20 V	322	50.28	-89.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

11n (HT20) + LTE Band 4 + NFC

Channel	Ch6 + Ch 20050 + Ch1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	103.0 PK			1.79 H	355	69.2	33.8
2	*2437.00	93.1 AV			1.79 H	355	59.3	33.8
3	4874.00	51.3 PK	74.0	-22.7	2.00 H	195	40.8	10.5
4	4874.00	37.1 AV	54.0	-16.9	2.00 H	195	26.6	10.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	97.9 PK			2.92 V	294	64.1	33.8
2	*2437.00	88.0 AV			2.92 V	294	54.2	33.8
3	4874.00	51.1 PK	74.0	-22.9	3.22 V	174	40.6	10.5
4	4874.00	36.8 AV	54.0	-17.2	3.22 V	174	26.3	10.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

Channel	Ch6 + Ch 20050 + Ch1	Frequency Range	1GHz ~ 18GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-41.94	-13.00	-28.94	1.73 H	316	52.20	-94.14
2	5160.00	-39.86	-13.00	-26.86	2.42 H	44	50.09	-89.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-40.04	-13.00	-27.04	2.06 V	308	54.10	-94.14
2	5160.00	-40.45	-13.00	-27.45	2.12 V	4	49.50	-89.95

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

11n (HT20) + LTE Band 26 (Part 90) + NFC

Channel	Ch6 + Ch 26697 + Ch1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	102.7 PK			1.80 H	353	68.9	33.8
2	*2437.00	92.8 AV			1.80 H	353	59.0	33.8
3	4874.00	51.3 PK	74.0	-22.7	1.99 H	197	40.8	10.5
4	4874.00	37.1 AV	54.0	-16.9	1.99 H	197	26.6	10.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	97.9 PK			2.90 V	293	64.1	33.8
2	*2437.00	88.1 AV			2.90 V	293	54.3	33.8
3	4874.00	51.0 PK	74.0	-23.0	3.21 V	173	40.5	10.5
4	4874.00	36.8 AV	54.0	-17.2	3.21 V	173	26.3	10.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

Channel	Ch6 + Ch 26697 + Ch1	Frequency Range	1GHz ~ 18GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1629.40	-35.21	-13.00	-22.21	1.94 H	319	67.21	-102.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**1629.40**	**-34.88**	**-13.00**	**-21.88**	**2.40 V**	**132**	**67.54**	**-102.42**

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

Mode B

11n (HT20) + LTE Band 26 (Part 22) + NFC

Channel	Ch6 + Ch 26797 + Ch1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	101.7 PK			1.90 H	351	67.9	33.8
2	*2437.00	92.7 AV			1.90 H	351	58.9	33.8
3	4874.00	47.2 PK	74.0	-26.8	1.95 H	195	36.7	10.5
4	4874.00	36.0 AV	54.0	-18.0	1.95 H	195	25.5	10.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	97.9 PK			2.90 V	294	64.1	33.8
2	*2437.00	88.0 AV			2.90 V	294	54.2	33.8
3	4874.00	46.8 PK	74.0	-27.2	3.22 V	175	36.3	10.5
4	4874.00	35.8 AV	54.0	-18.2	3.22 V	175	25.3	10.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

Channel	Ch6 + Ch 26797 + Ch1	Frequency Range	1GHz ~ 18GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1649.40	-38.04	-13.00	-25.04	1.90 H	322	64.40	-102.44
2	2474.10	-41.96	-13.00	-28.96	1.38 H	24	57.10	-99.06
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1649.40	-37.76	-13.00	-24.76	1.59 V	132	64.68	-102.44
2	2474.10	-38.26	-13.00	-25.26	3.21 V	25	60.80	-99.06

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

11n (HT20) + LTE Band 2 + NFC

Channel	Ch 6 + Ch 19185 + Ch1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	101.8 PK			1.90 H	349	68.0	33.8
2	*2437.00	92.8 AV			1.90 H	349	59.0	33.8
3	4874.00	46.8 PK	74.0	-27.2	1.96 H	195	36.3	10.5
4	4874.00	36.2 AV	54.0	-17.8	1.96 H	195	25.7	10.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	97.9 PK			2.91 V	294	64.1	33.8
2	*2437.00	88.0 AV			2.91 V	294	54.2	33.8
3	4874.00	46.5 PK	74.0	-27.5	3.24 V	176	36.0	10.5
4	4874.00	36.0 AV	54.0	-18.0	3.24 V	176	25.5	10.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

Channel	Ch 6 + Ch 19185 + Ch1	Frequency Range	1GHz ~ 20GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3817.00	-45.18	-13.00	-32.18	1.65 H	64	47.60	-92.78
2	5725.50	-40.68	-13.00	-27.68	1.38 H	311	48.56	-89.24
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3817.00	-43.88	-13.00	-30.88	1.31 V	312	48.90	-92.78
2	5725.50	-39.20	-13.00	-26.20	1.46 V	317	50.04	-89.24

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

11n (HT20) + LTE Band 4 + NFC

Channel	Ch6 + Ch 20050 + Ch1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	101.6 PK			1.91 H	349	67.8	33.8
2	*2437.00	92.6 AV			1.91 H	349	58.8	33.8
3	4874.00	46.9 PK	74.0	-27.1	1.96 H	195	36.4	10.5
4	4874.00	36.1 AV	54.0	-17.9	1.96 H	195	25.6	10.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	97.8 PK			2.92 V	293	64.0	33.8
2	*2437.00	88.0 AV			2.92 V	293	54.2	33.8
3	4874.00	46.7 PK	74.0	-27.3	3.22 V	175	36.2	10.5
4	4874.00	35.8 AV	54.0	-18.2	3.22 V	175	25.3	10.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

Channel	Ch6 + Ch 20050 + Ch1	Frequency Range	1GHz ~ 18GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-42.64	-13.00	-29.64	1.77 H	316	51.50	-94.14
2	5160.00	-39.45	-13.00	-26.45	2.44 H	68	50.50	-89.95
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3440.00	-40.34	-13.00	-27.34	2.05 V	306	53.80	-94.14
2	5160.00	-40.65	-13.00	-27.65	2.11 V	4	49.30	-89.95

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit.

11n (HT20) + LTE Band 26 (Part 90) + NFC

Channel	Ch6 + Ch 26697 + Ch1	Detector Function	Peak (PK) Average (AV)
Frequency Range	1GHz ~ 25GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	102.5 PK			1.82 H	355	68.7	33.8
2	*2437.00	92.9 AV			1.82 H	355	59.1	33.8
3	4874.00	46.9 PK	74.0	-27.1	2.02 H	197	36.4	10.5
4	4874.00	36.1 AV	54.0	-17.9	2.02 H	197	25.6	10.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2437.00	97.8 PK			2.92 V	294	64.0	33.8
2	*2437.00	88.1 AV			2.92 V	294	54.3	33.8
3	4874.00	46.7 PK	74.0	-27.3	3.20 V	176	36.2	10.5
4	4874.00	35.9 AV	54.0	-18.1	3.20 V	176	25.4	10.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.

Channel	Ch6 + Ch 26697 + Ch1	Frequency Range	1GHz ~ 18GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1629.40	-35.04	-13.00	-22.04	1.90 H	322	67.38	-102.42
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	1629.40	-34.94	-13.00	-21.94	2.42 V	134	67.48	-102.42

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.

Below 30MHz data

Mode A

11n (HT20) + LTE Band 26 (Part 22) + NFC

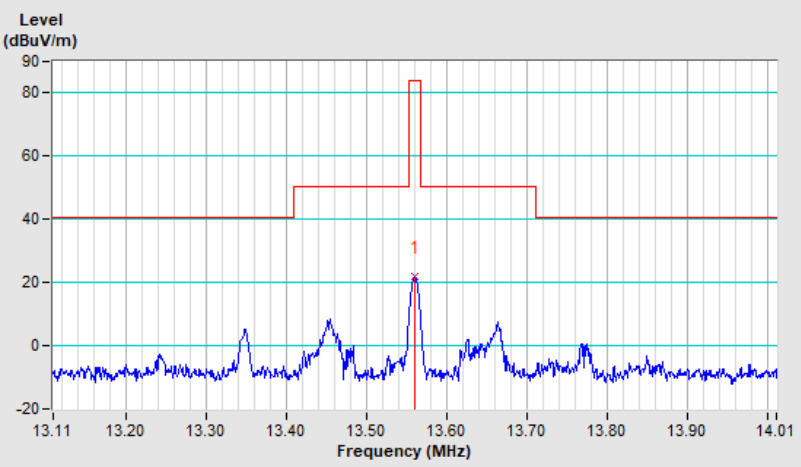
Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	22.1 QP	84.0	-61.9	1.00	163	40.3	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



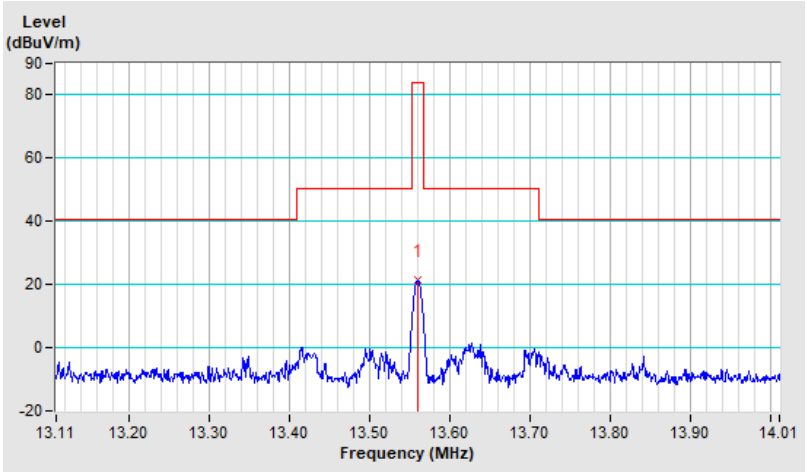
Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	21.3 QP	84.0	-62.7	1.00	77	39.5	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



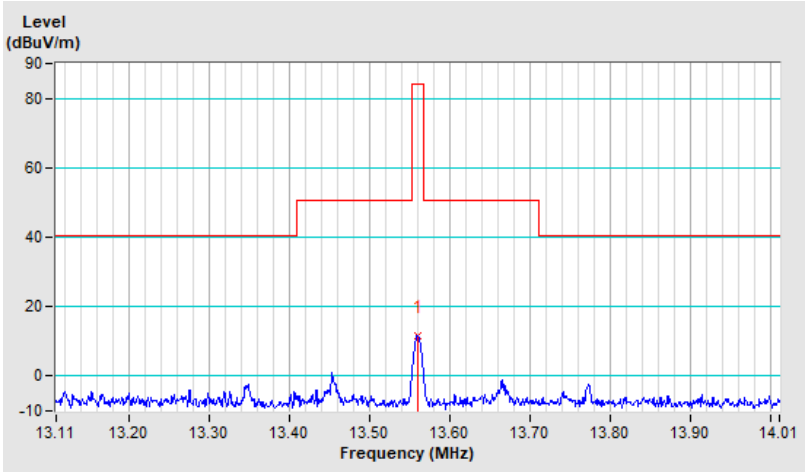
Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	11.8 QP	84.0	-72.2	1.00	142	30.0	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

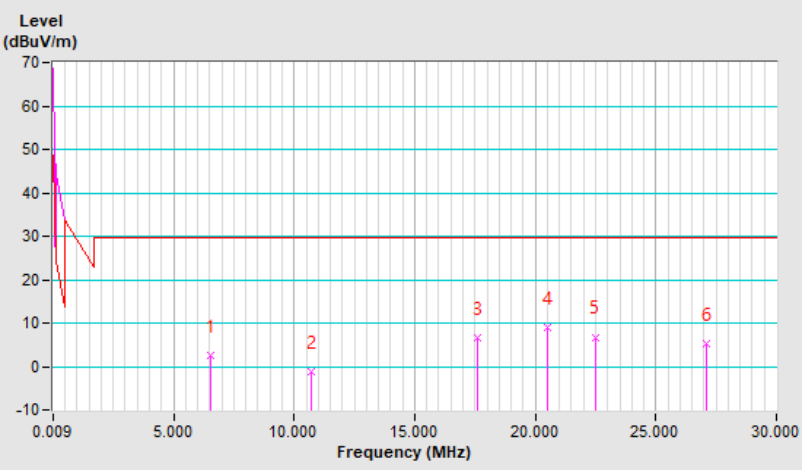


Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6.52	2.5 QP	29.5	-27.0	1.00	6	22.0	-19.5
2	10.72	-1.2 QP	29.5	-30.7	1.00	130	17.0	-18.2
3	17.58	6.6 QP	29.5	-22.9	1.00	128	24.7	-18.1
4	20.52	9.0 QP	29.5	-20.5	1.00	126	27.1	-18.1
5	22.47	6.8 QP	29.5	-22.7	1.00	126	24.9	-18.1
6	27.12	5.1 QP	29.5	-24.4	1.00	115	23.2	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

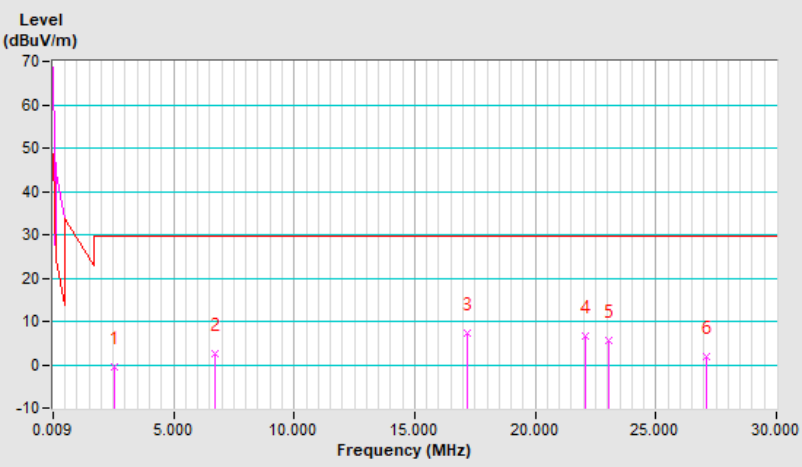


Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.56	-0.5 QP	29.5	-30.0	1.00	8	19.3	-19.8
2	6.70	2.7 QP	29.5	-26.8	1.00	184	22.2	-19.5
3	17.16	7.2 QP	29.5	-22.3	1.00	125	25.3	-18.1
4	22.05	6.6 QP	29.5	-22.9	1.00	117	24.7	-18.1
5	23.04	5.5 QP	29.5	-24.0	1.00	127	23.6	-18.1
6	27.12	1.8 QP	29.5	-27.7	1.00	108	19.9	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

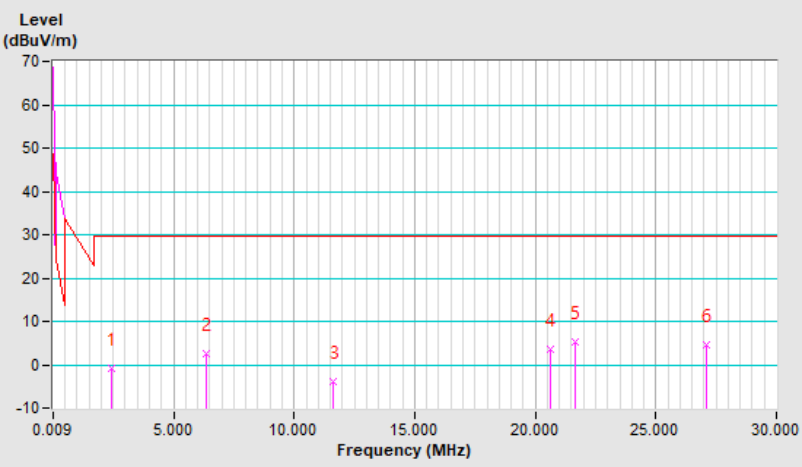


Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.44	-0.7 QP	29.5	-30.2	1.00	92	19.1	-19.8
2	6.37	2.5 QP	29.5	-27.0	1.00	59	22.1	-19.6
3	11.65	-3.8 QP	29.5	-33.3	1.00	88	14.4	-18.2
4	20.61	3.7 QP	29.5	-25.8	1.00	260	21.8	-18.1
5	21.66	5.3 QP	29.5	-24.2	1.00	280	23.4	-18.1
6	27.12	4.6 QP	29.5	-24.9	1.00	217	22.7	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



11n (HT20) + LTE Band 2 + NFC

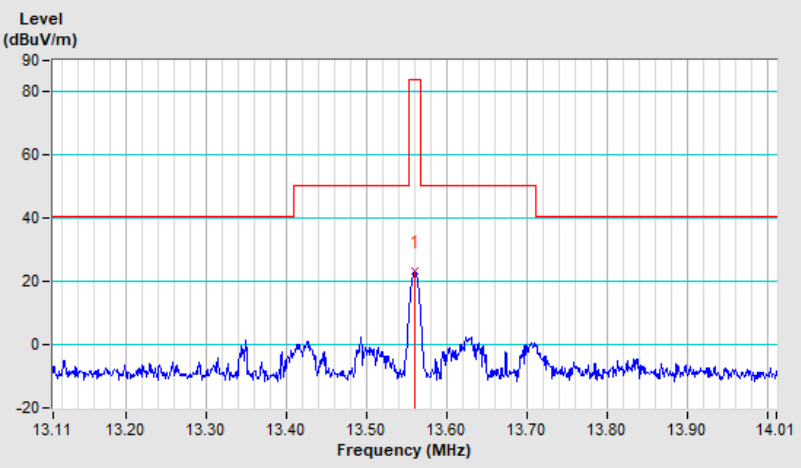
Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	23.2 QP	84.0	-60.8	1.00	146	41.4	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



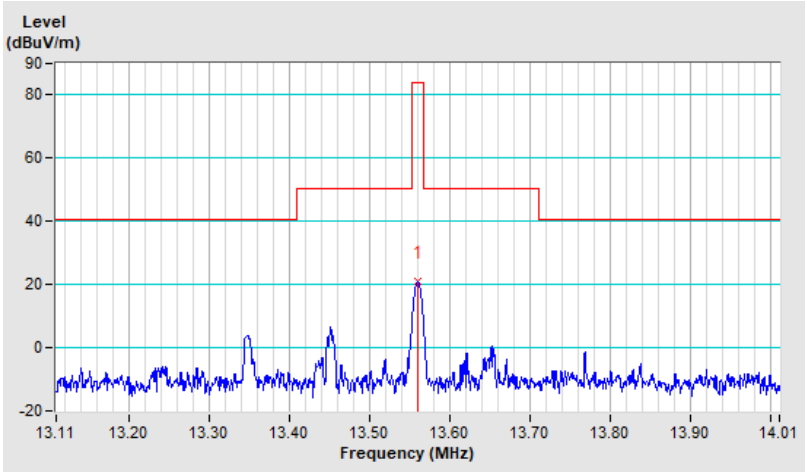
Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	21.1 QP	84.0	-62.9	1.00	112	39.3	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



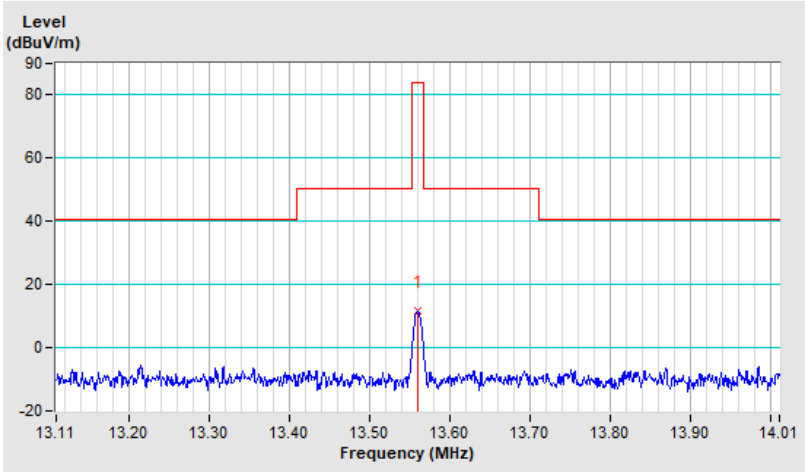
Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	11.6 QP	84.0	-72.4	1.00	278	29.8	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

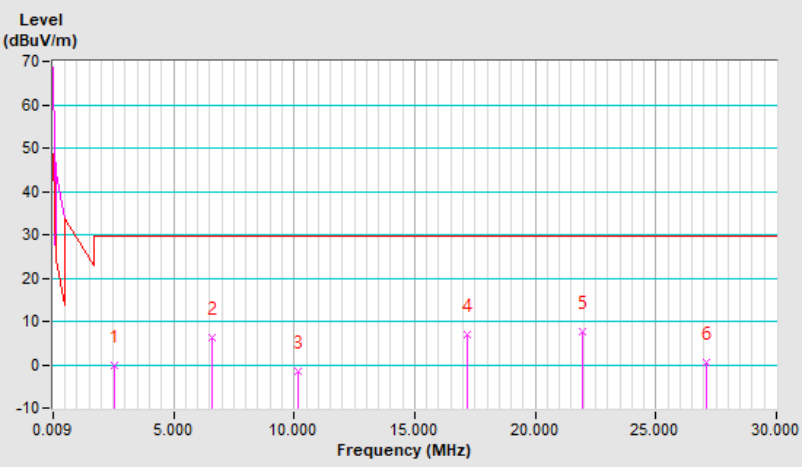


Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.53	-0.1 QP	29.5	-29.6	1.00	61	19.7	-19.8
2	6.61	6.4 QP	29.5	-23.1	1.00	223	25.9	-19.5
3	10.15	-1.4 QP	29.5	-30.9	1.00	99	16.8	-18.2
4	17.19	7.1 QP	29.5	-22.4	1.00	168	25.2	-18.1
5	21.93	7.5 QP	29.5	-22.0	1.00	104	25.6	-18.1
6	27.12	0.5 QP	29.5	-29.0	1.00	135	18.6	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

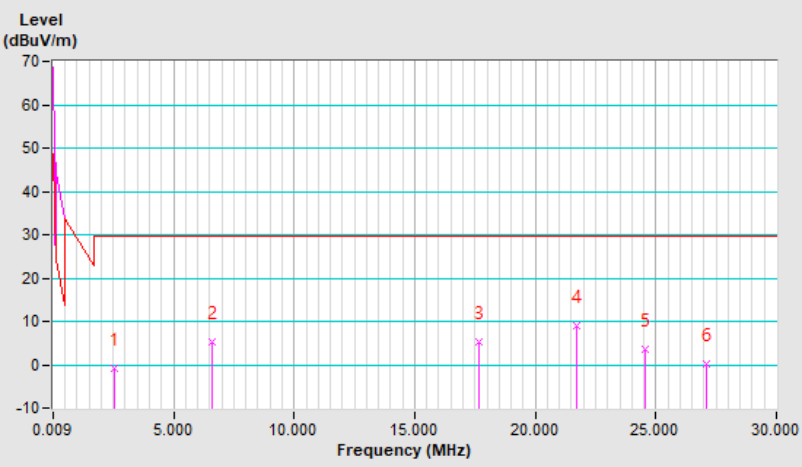


Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.53	-0.8 QP	29.5	-30.3	1.00	202	19.0	-19.8
2	6.58	5.1 QP	29.5	-24.4	1.00	255	24.6	-19.5
3	17.67	5.2 QP	29.5	-24.3	1.00	156	23.3	-18.1
4	21.72	9.0 QP	29.5	-20.5	1.00	117	27.1	-18.1
5	24.57	3.5 QP	29.5	-26.0	1.00	138	21.6	-18.1
6	27.12	0.1 QP	29.5	-29.4	1.00	98	18.2	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

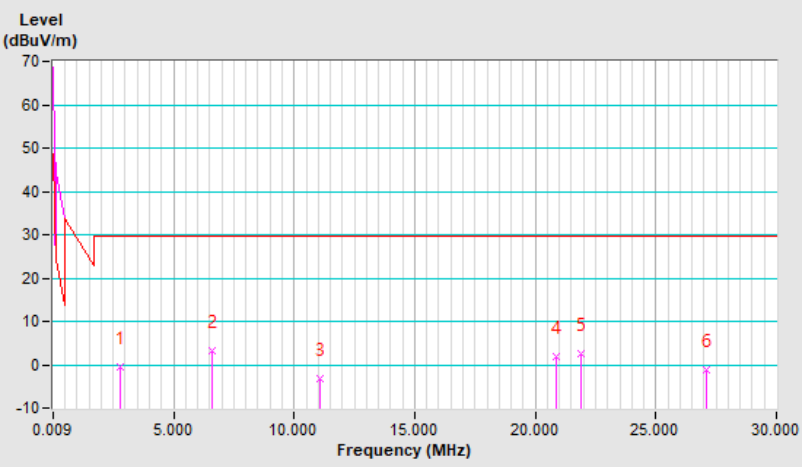


Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.77	-0.4 QP	29.5	-29.9	1.00	266	19.4	-19.8
2	6.58	3.2 QP	29.5	-26.3	1.00	28	22.7	-19.5
3	11.05	-3.2 QP	29.5	-32.7	1.00	221	15.0	-18.2
4	20.85	1.8 QP	29.5	-27.7	1.00	218	19.9	-18.1
5	21.87	2.6 QP	29.5	-26.9	1.00	227	20.7	-18.1
6	27.12	-1.1 QP	29.5	-30.6	1.00	166	17.0	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



11n (HT20) + LTE Band 4 + NFC

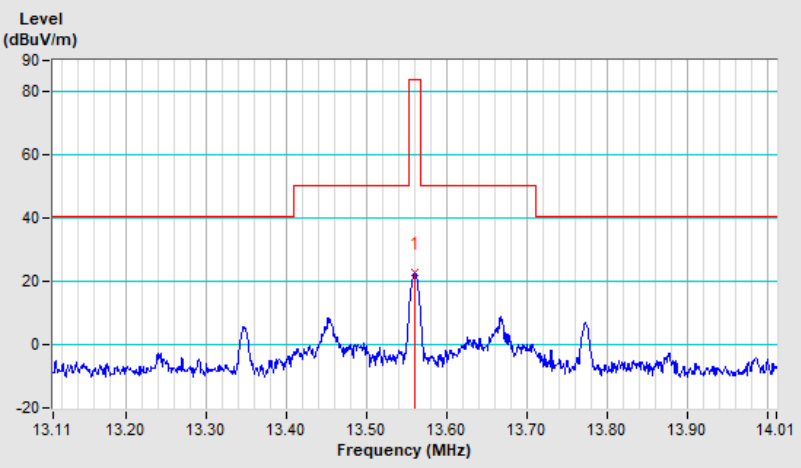
Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	22.8 QP	84.0	-61.2	1.00	117	41.0	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



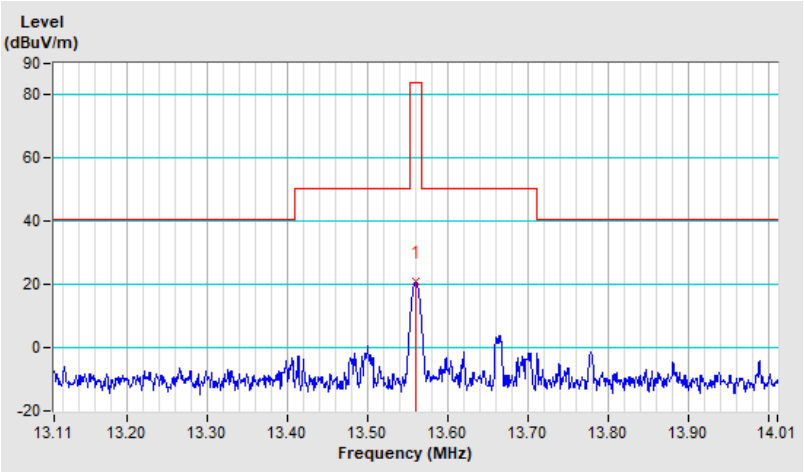
Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	21.2 QP	84.0	-62.8	1.00	272	39.4	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



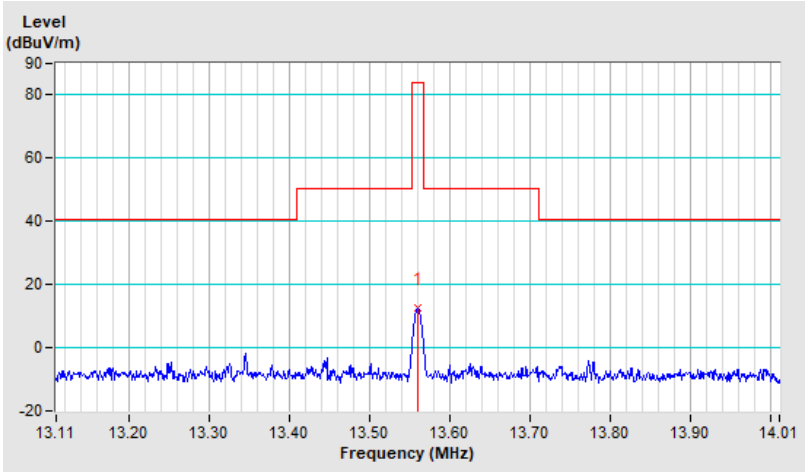
Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	12.5 QP	84.0	-71.5	1.00	158	30.7	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

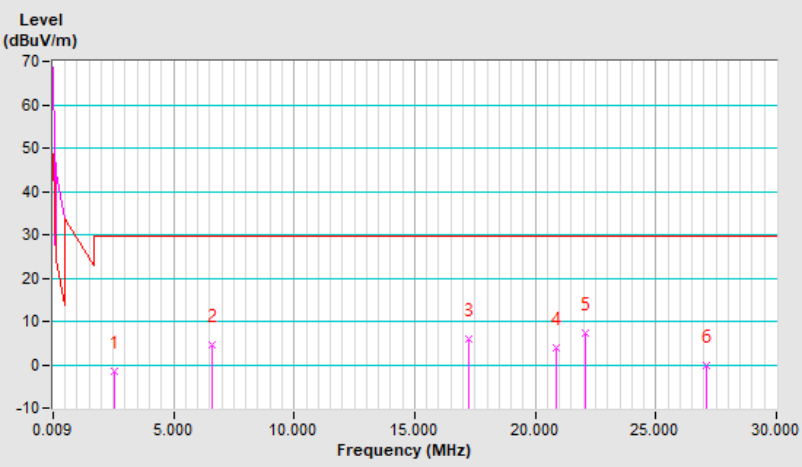


Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.56	-1.5 QP	29.5	-31.0	1.00	297	18.3	-19.8
2	6.61	4.6 QP	29.5	-24.9	1.00	234	24.1	-19.5
3	17.25	6.1 QP	29.5	-23.4	1.00	168	24.2	-18.1
4	20.85	3.8 QP	29.5	-25.7	1.00	75	21.9	-18.1
5	22.08	7.2 QP	29.5	-22.3	1.00	147	25.3	-18.1
6	27.12	-0.1 QP	29.5	-29.6	1.00	104	18.0	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

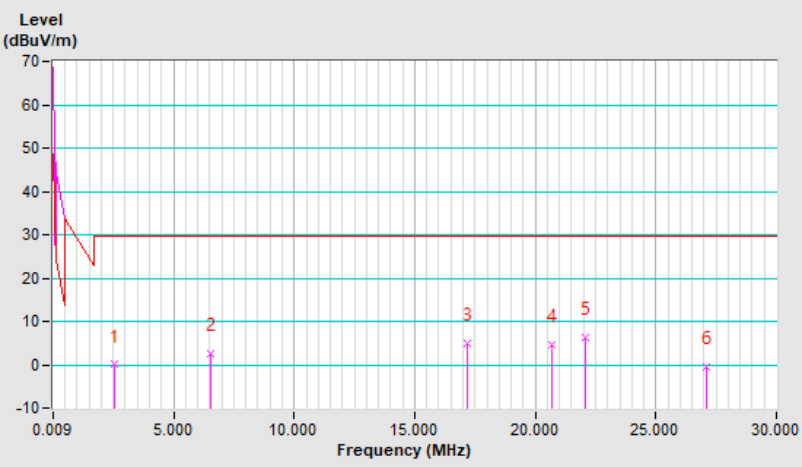


Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.56	0.0 QP	29.5	-29.5	1.00	151	19.8	-19.8
2	6.55	2.6 QP	29.5	-26.9	1.00	247	22.1	-19.5
3	17.19	4.8 QP	29.5	-24.7	1.00	115	22.9	-18.1
4	20.67	4.6 QP	29.5	-24.9	1.00	260	22.7	-18.1
5	22.05	6.4 QP	29.5	-23.1	1.00	127	24.5	-18.1
6	27.12	-0.6 QP	29.5	-30.1	1.00	57	17.5	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

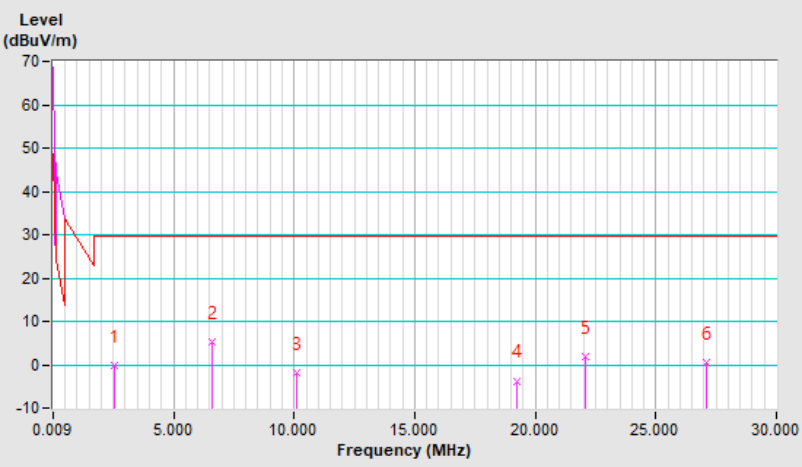


Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.56	-0.2 QP	29.5	-29.7	1.00	276	19.6	-19.8
2	6.61	5.3 QP	29.5	-24.2	1.00	315	24.8	-19.5
3	10.09	-1.9 QP	29.5	-31.4	1.00	109	16.3	-18.2
4	19.23	-3.7 QP	29.5	-33.2	1.00	280	14.4	-18.1
5	22.08	2.0 QP	29.5	-27.5	1.00	248	20.1	-18.1
6	27.12	0.5 QP	29.5	-29.0	1.00	196	18.6	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



11n (HT20) + LTE Band 26 (Part 90) + NFC

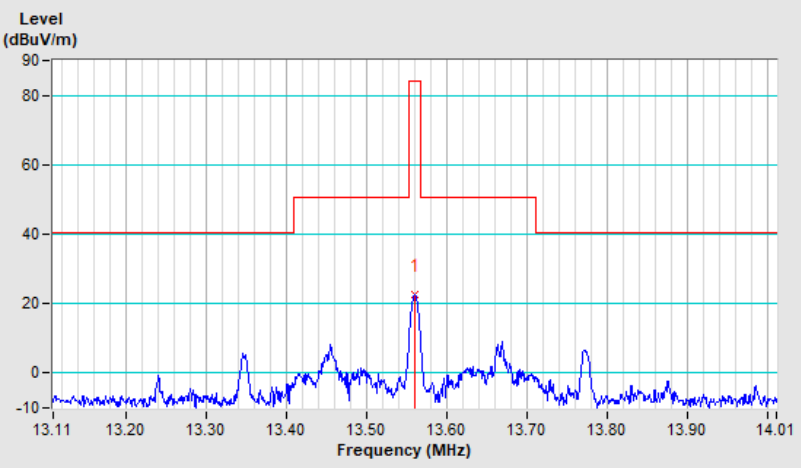
Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	22.6 QP	84.0	-61.4	N/A	N/A	40.8	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



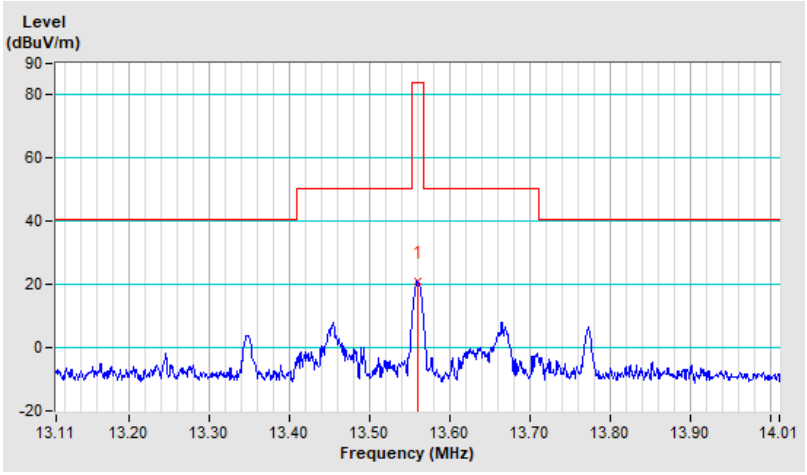
Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	21.2 QP	84.0	-62.8	1.00	173	39.4	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



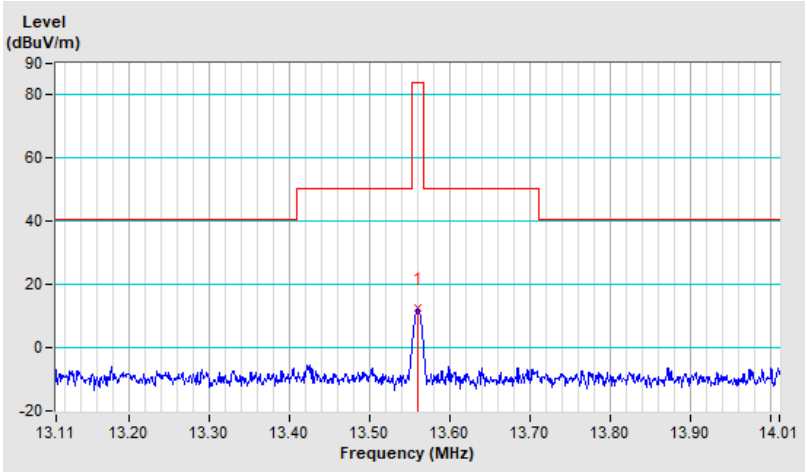
Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	12.8 QP	84.0	-71.2	1.00	262	31.0	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

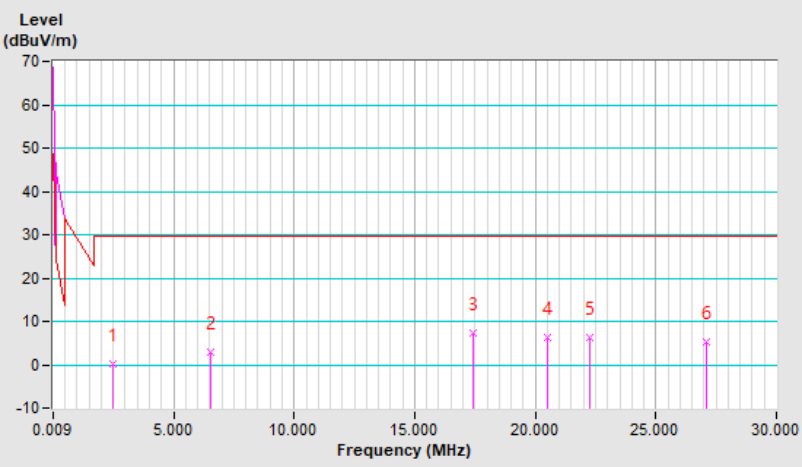


Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.50	0.3 QP	29.5	-29.2	1.00	78	20.1	-19.8
2	6.52	2.9 QP	29.5	-26.6	1.00	80	22.4	-19.5
3	17.40	7.3 QP	29.5	-22.2	1.00	123	25.4	-18.1
4	20.49	6.4 QP	29.5	-23.1	1.00	84	24.5	-18.1
5	22.26	6.4 QP	29.5	-23.1	1.00	155	24.5	-18.1
6	27.12	5.3 QP	29.5	-24.2	1.00	84	23.4	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

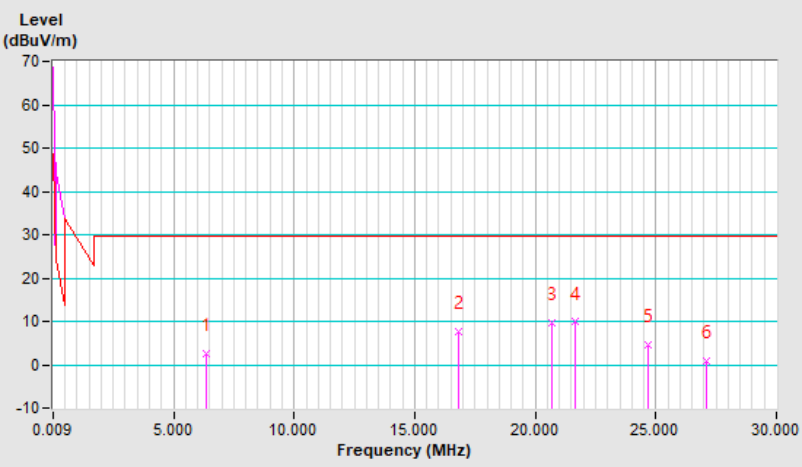


Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6.37	2.5 QP	29.5	-27.0	1.00	132	22.1	-19.6
2	16.80	7.5 QP	29.5	-22.0	1.00	107	25.6	-18.1
3	20.70	9.6 QP	29.5	-19.9	1.00	106	27.7	-18.1
4	21.66	9.8 QP	29.5	-19.7	1.00	96	27.9	-18.1
5	24.69	4.6 QP	29.5	-24.9	1.00	126	22.7	-18.1
6	27.12	0.7 QP	29.5	-28.8	1.00	115	18.8	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

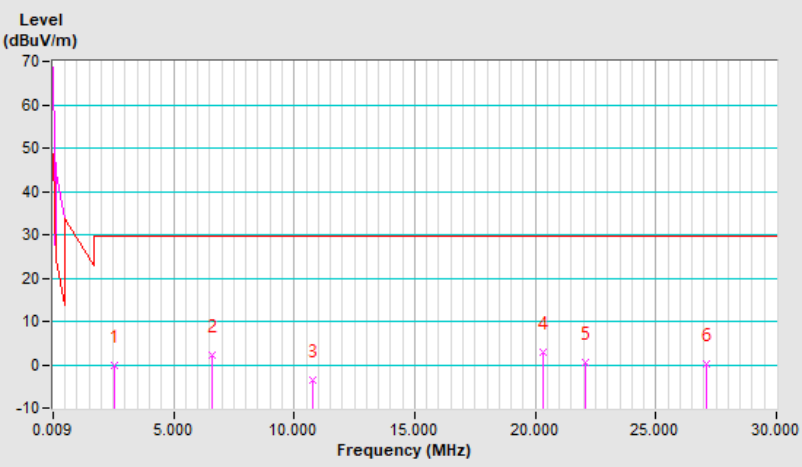


Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.56	-0.3 QP	29.5	-29.8	1.00	102	19.5	-19.8
2	6.61	2.3 QP	29.5	-27.2	1.00	275	21.8	-19.5
3	10.75	-3.6 QP	29.5	-33.1	1.00	149	14.6	-18.2
4	20.31	2.9 QP	29.5	-26.6	1.00	250	21.0	-18.1
5	22.08	0.6 QP	29.5	-28.9	1.00	197	18.7	-18.1
6	27.12	0.3 QP	29.5	-29.2	1.00	207	18.4	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



Mode B

11n (HT20) + LTE Band 26 (Part 22) + NFC

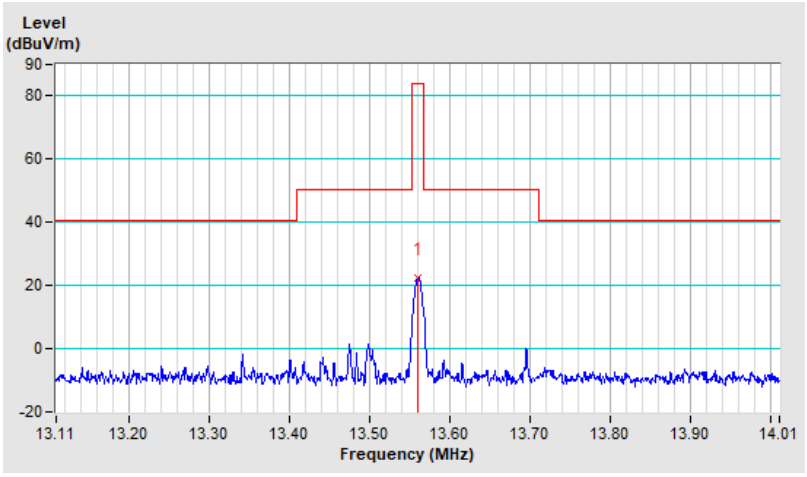
Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	22.5 QP	84.0	-61.5	1.00	306	40.7	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



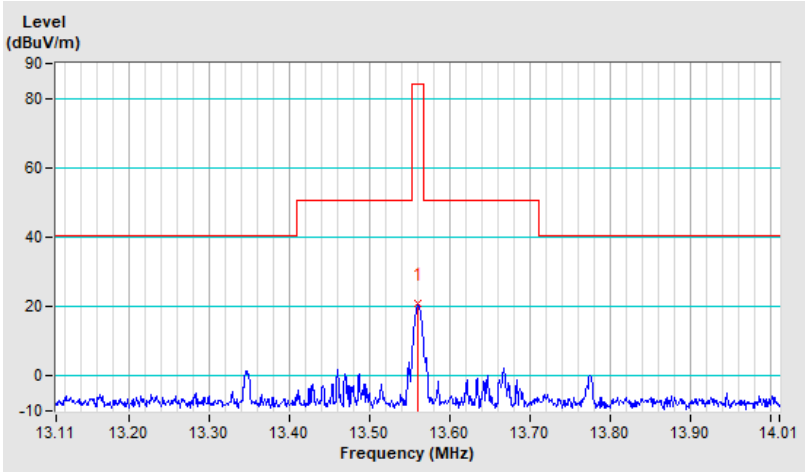
Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	20.8 QP	84.0	-63.2	1.00	201	39.0	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



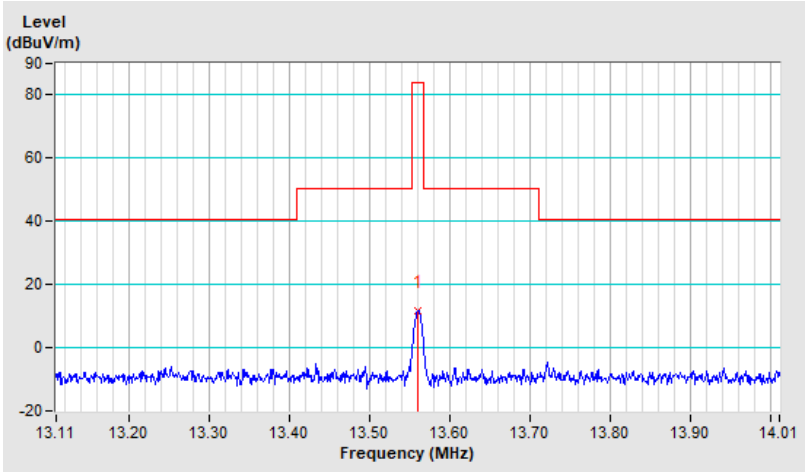
Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	11.9 QP	84.0	-72.1	1.00	121	30.1	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

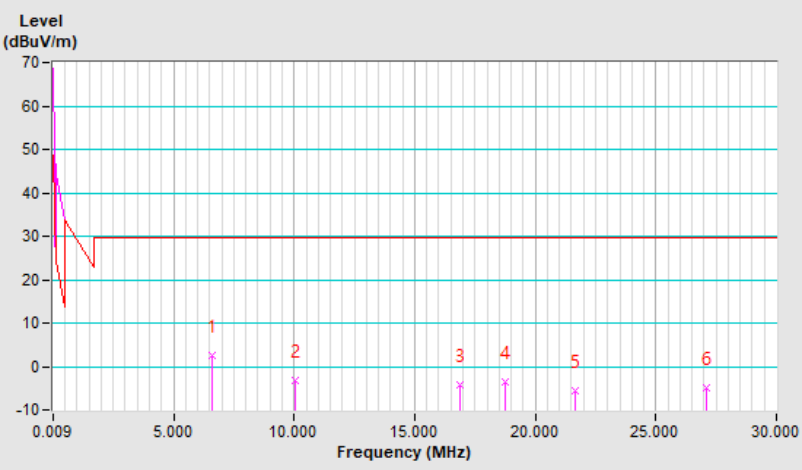


Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	6.61	2.5 QP	29.5	-27.0	1.00	166	22.0	-19.5
2	10.06	-3.3 QP	29.5	-32.8	1.00	269	14.9	-18.2
3	16.86	-4.1 QP	29.5	-33.6	1.00	327	14.0	-18.1
4	18.75	-3.6 QP	29.5	-33.1	1.00	138	14.5	-18.1
5	21.66	-5.5 QP	29.5	-35.0	1.00	72	12.6	-18.1
6	27.12	-4.9 QP	29.5	-34.4	1.00	110	13.2	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

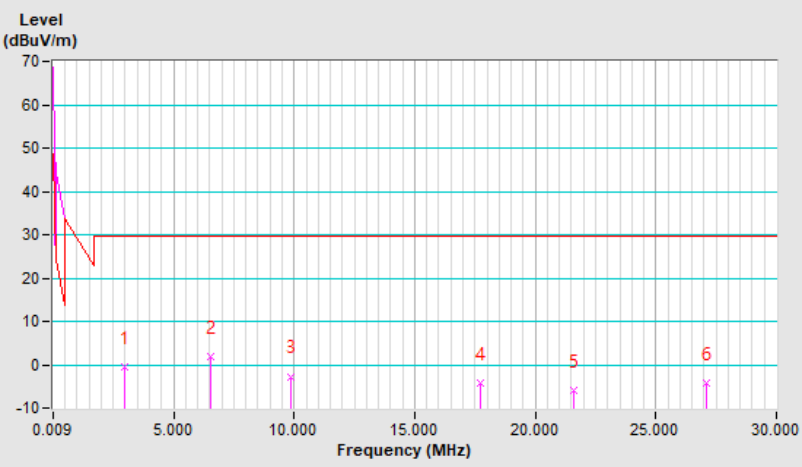


Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.95	-0.4 QP	29.5	-29.9	1.00	22	19.4	-19.8
2	6.52	2.0 QP	29.5	-27.5	1.00	4	21.5	-19.5
3	9.88	-2.7 QP	29.5	-32.2	1.00	48	15.5	-18.2
4	17.73	-4.2 QP	29.5	-33.7	1.00	2	13.9	-18.1
5	21.60	-5.9 QP	29.5	-35.4	1.00	35	12.2	-18.1
6	27.12	-4.4 QP	29.5	-33.9	1.00	60	13.7	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

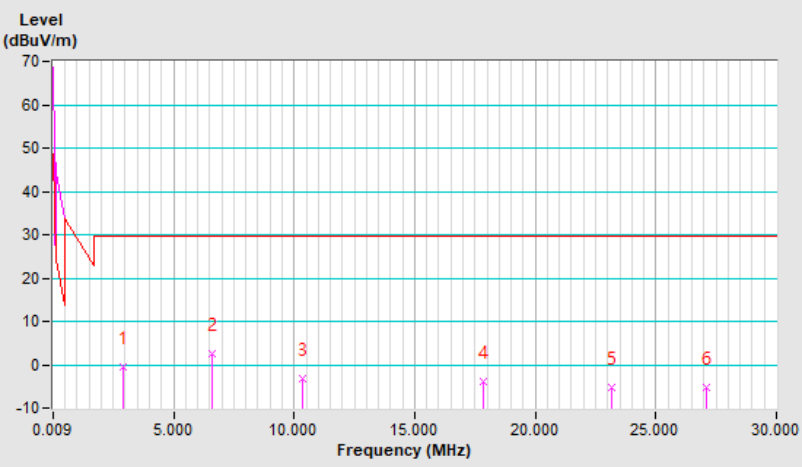


Channel	Ch6 + Ch 26797 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.89	-0.6 QP	29.5	-30.1	1.00	2	19.2	-19.8
2	6.58	2.5 QP	29.5	-27.0	1.00	116	22.0	-19.5
3	10.33	-3.1 QP	29.5	-32.6	1.00	223	15.1	-18.2
4	17.85	-3.8 QP	29.5	-33.3	1.00	249	14.3	-18.1
5	23.16	-5.2 QP	29.5	-34.7	1.00	86	12.9	-18.1
6	27.12	-5.1 QP	29.5	-34.6	1.00	216	13.0	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



11n (HT20) + LTE Band 2 + NFC

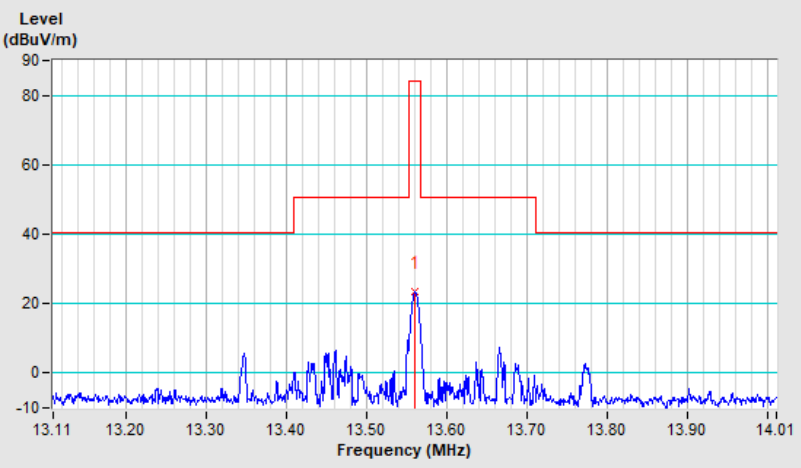
Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	23.3 QP	84.0	-60.7	1.00	106	41.5	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



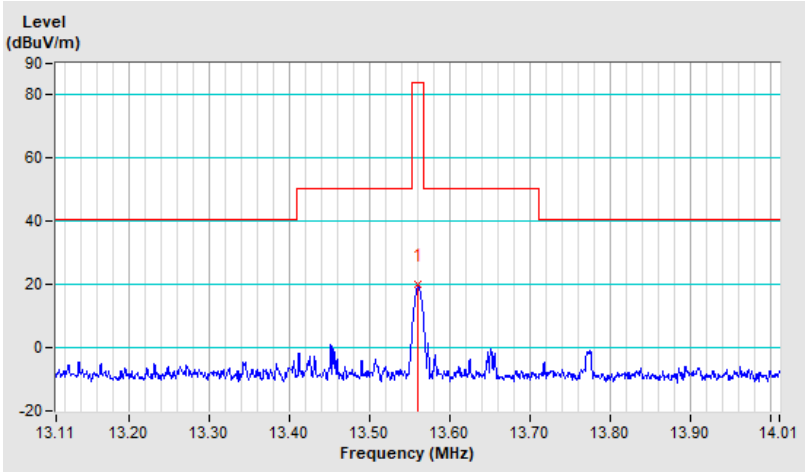
Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	19.9 QP	84.0	-64.1	1.00	30	38.1	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



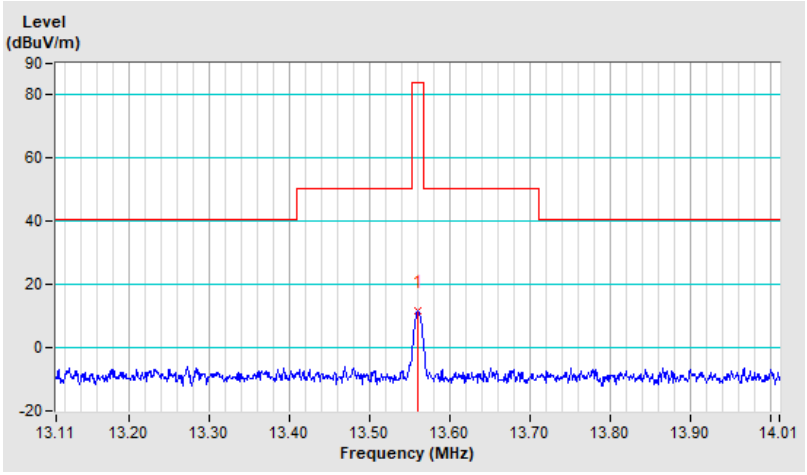
Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	11.6 QP	84.0	-72.4	1.00	270	29.8	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

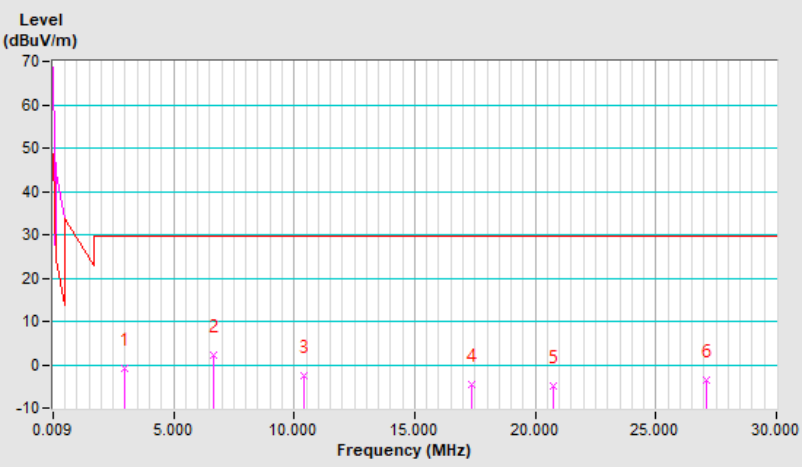


Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.95	-0.8 QP	29.5	-30.3	1.00	107	19.0	-19.8
2	6.64	2.2 QP	29.5	-27.3	1.00	319	21.7	-19.5
3	10.39	-2.6 QP	29.5	-32.1	1.00	174	15.6	-18.2
4	17.37	-4.7 QP	29.5	-34.2	1.00	263	13.4	-18.1
5	20.76	-5.0 QP	29.5	-34.5	1.00	308	13.1	-18.1
6	27.12	-3.6 QP	29.5	-33.1	1.00	229	14.5	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

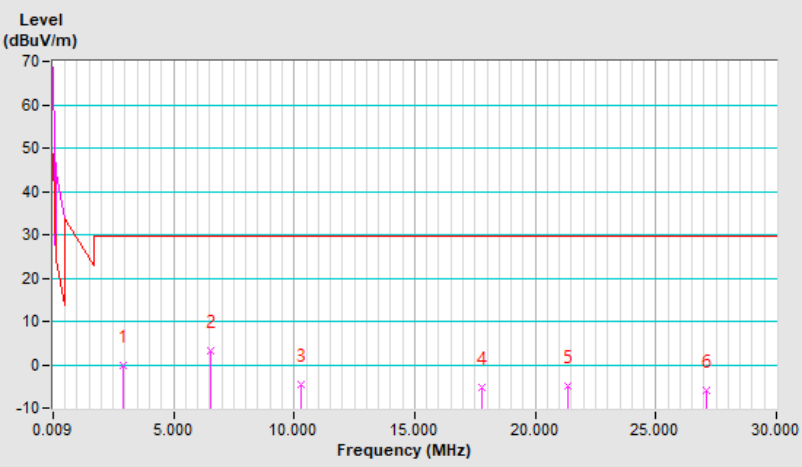


Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.92	-0.1 QP	29.5	-29.6	1.00	18	19.7	-19.8
2	6.52	3.1 QP	29.5	-26.4	1.00	14	22.6	-19.5
3	10.27	-4.6 QP	29.5	-34.1	1.00	18	13.6	-18.2
4	17.76	-5.2 QP	29.5	-34.7	1.00	323	12.9	-18.1
5	21.33	-5.0 QP	29.5	-34.5	1.00	342	13.1	-18.1
6	27.12	-6.0 QP	29.5	-35.5	1.00	338	12.1	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

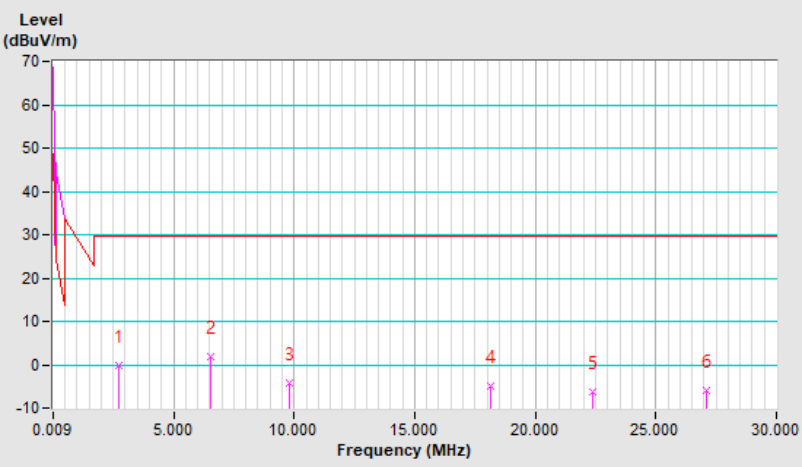


Channel	Ch 6 + Ch 19185 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.75	-0.3 QP	29.5	-29.8	1.00	308	19.5	-19.8
2	6.55	2.0 QP	29.5	-27.5	1.00	18	21.5	-19.5
3	9.79	-4.1 QP	29.5	-33.6	1.00	296	14.2	-18.3
4	18.12	-4.9 QP	29.5	-34.4	1.00	338	13.2	-18.1
5	22.41	-6.3 QP	29.5	-35.8	1.00	331	11.8	-18.1
6	27.12	-6.0 QP	29.5	-35.5	1.00	15	12.1	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



11n (HT20) + LTE Band 4 + NFC

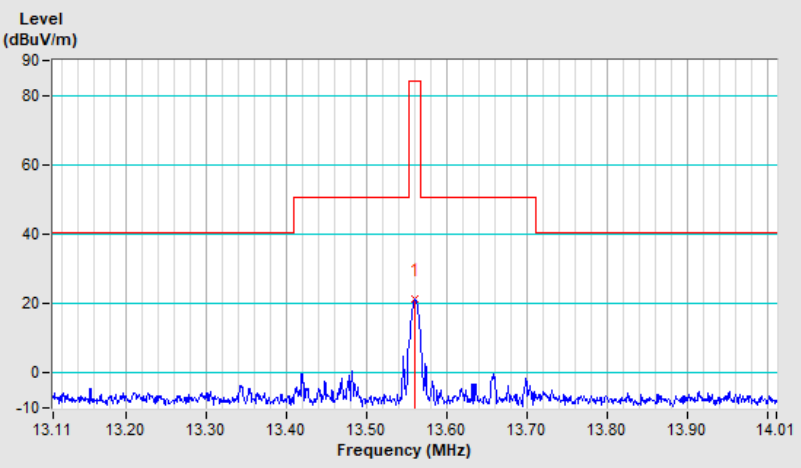
Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	21.2 QP	84.0	-62.8	1.00	239	39.4	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



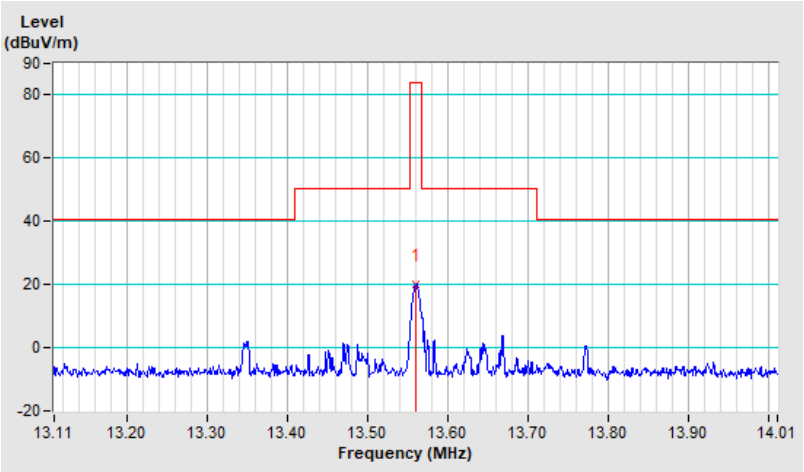
Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	20.1 QP	84.0	-63.9	1.00	182	38.3	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



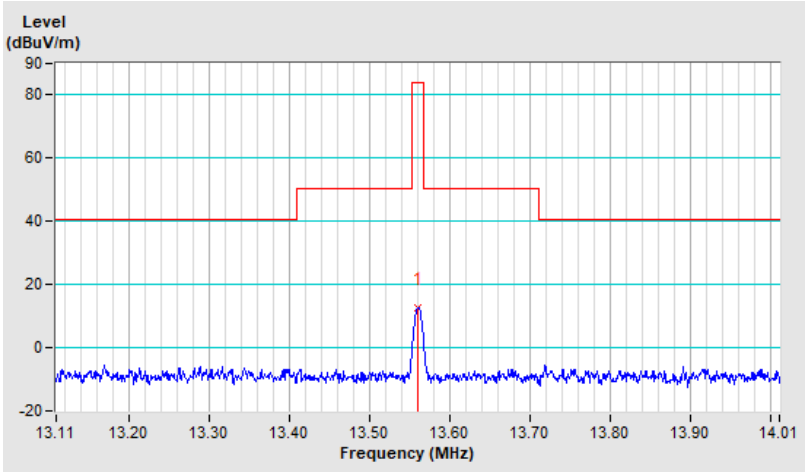
Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	12.8 QP	84.0	-71.2	1.00	268	31.0	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

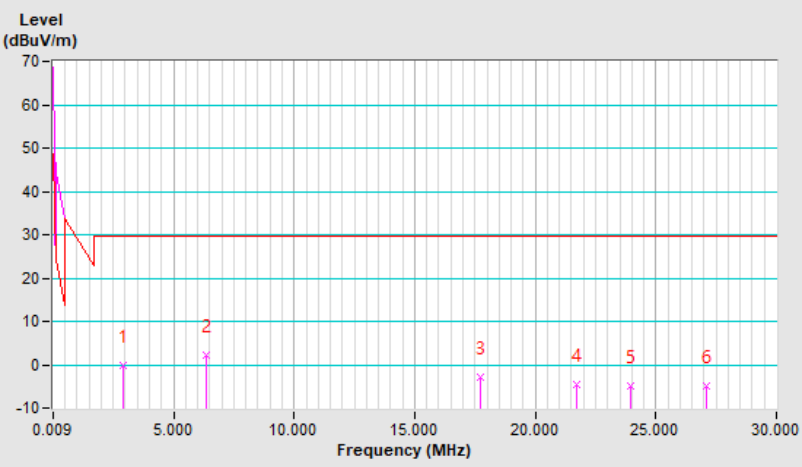


Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.89	-0.2 QP	29.5	-29.7	1.00	23	19.6	-19.8
2	6.37	2.3 QP	29.5	-27.2	1.00	16	21.9	-19.6
3	17.73	-3.0 QP	29.5	-32.5	1.00	8	15.1	-18.1
4	21.72	-4.6 QP	29.5	-34.1	1.00	161	13.5	-18.1
5	23.94	-4.8 QP	29.5	-34.3	1.00	294	13.3	-18.1
6	27.12	-4.9 QP	29.5	-34.4	1.00	53	13.2	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

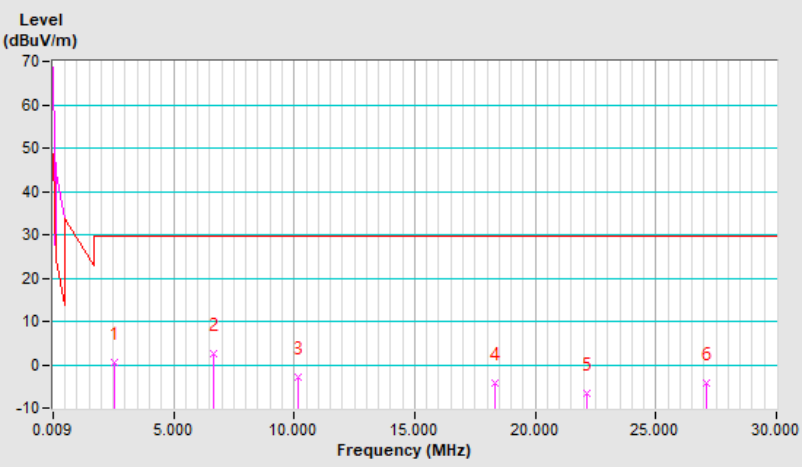


Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.55	0.5 QP	29.5	-29.0	1.00	107	20.3	-19.8
2	6.67	2.5 QP	29.5	-27.0	1.00	4	22.0	-19.5
3	10.18	-2.9 QP	29.5	-32.4	1.00	70	15.3	-18.2
4	18.30	-4.2 QP	29.5	-33.7	1.00	75	13.9	-18.1
5	22.14	-6.7 QP	29.5	-36.2	1.00	2	11.4	-18.1
6	27.12	-4.2 QP	29.5	-33.7	1.00	81	13.9	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

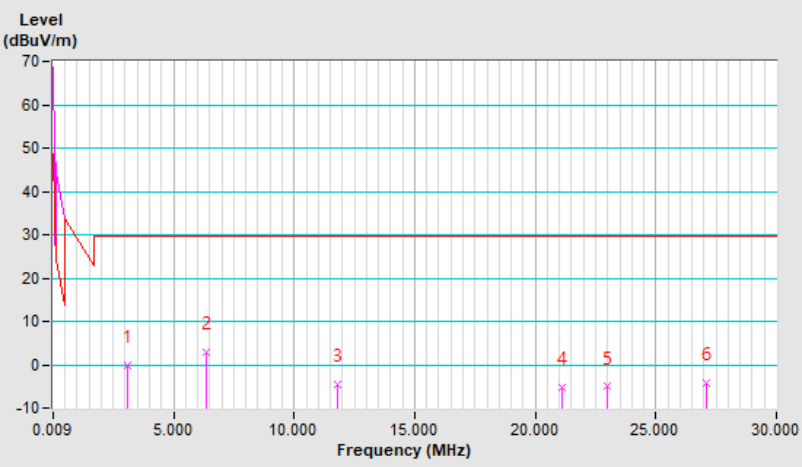


Channel	Ch6 + Ch 20050 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	3.07	-0.1 QP	29.5	-29.6	1.00	3	19.7	-19.8
2	6.34	2.8 QP	29.5	-26.7	1.00	339	22.4	-19.6
3	11.83	-4.7 QP	29.5	-34.2	1.00	343	13.5	-18.2
4	21.09	-5.1 QP	29.5	-34.6	1.00	349	13.0	-18.1
5	22.98	-5.1 QP	29.5	-34.6	1.00	58	13.0	-18.1
6	27.12	-4.4 QP	29.5	-33.9	1.00	2	13.7	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



11n (HT20) + LTE Band 26 (Part 90) + NFC

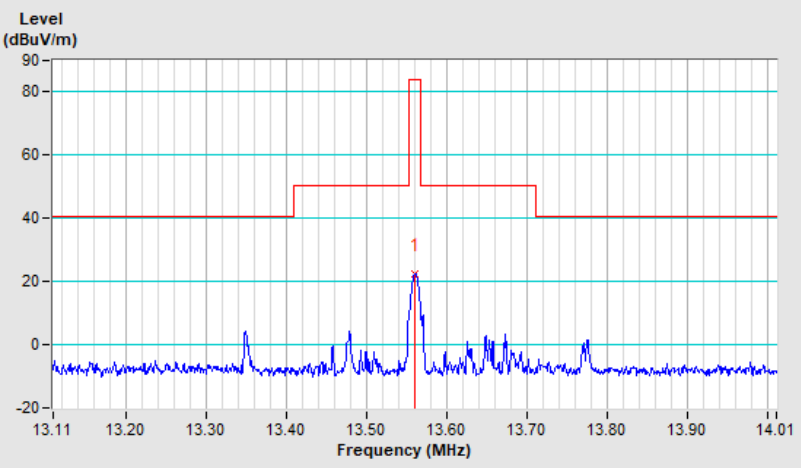
Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	22.5 QP	84.0	-61.5	1.00	311	40.7	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



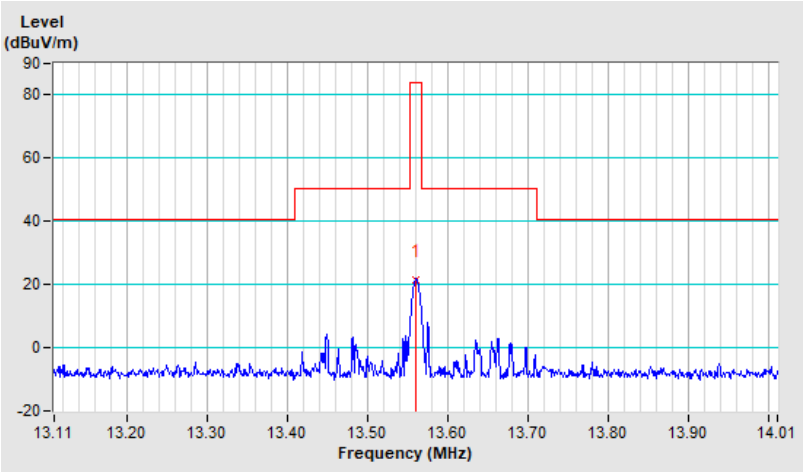
Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	21.3 QP	84.0	-62.7	1.00	108	39.5	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



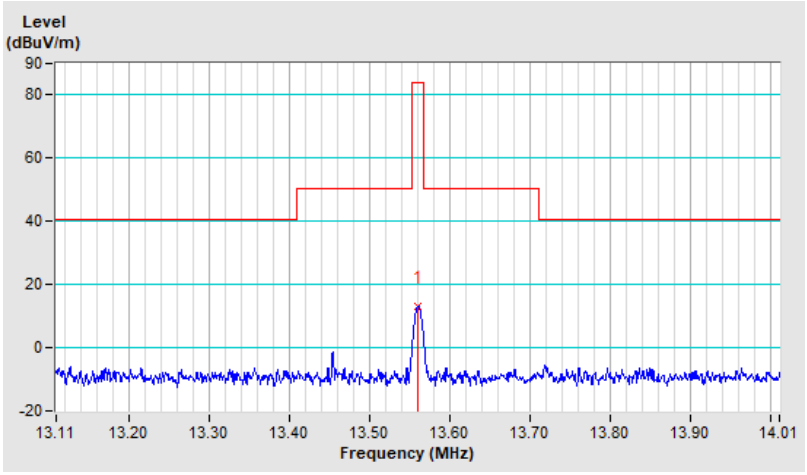
Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	13.11MHz ~ 14.01MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*13.56	13.2 QP	84.0	-70.8	1.00	282	31.4	-18.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency.
6. Above limits have been translated by the formula

The measured field strength was extrapolated to distance 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

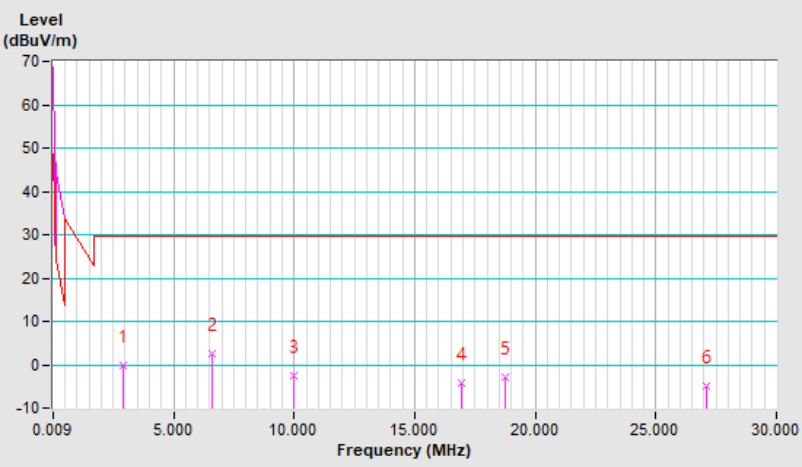


Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.92	0.0 QP	29.5	-29.5	1.00	232	19.8	-19.8
2	6.58	2.5 QP	29.5	-27.0	1.00	271	22.0	-19.5
3	9.97	-2.5 QP	29.5	-32.0	1.00	331	15.7	-18.2
4	16.95	-4.4 QP	29.5	-33.9	1.00	202	13.7	-18.1
5	18.78	-2.9 QP	29.5	-32.4	1.00	33	15.2	-18.1
6	27.12	-5.0 QP	29.5	-34.5	1.00	1	13.1	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

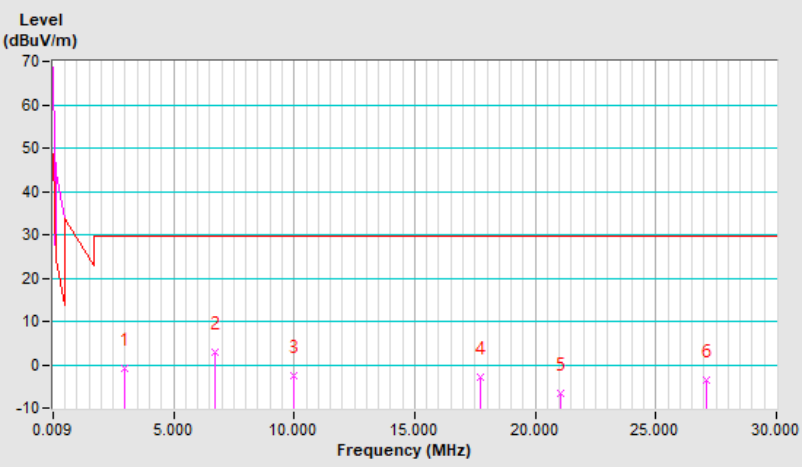


Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Perpendicular								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2.98	-0.9 QP	29.5	-30.4	1.00	2	18.9	-19.8
2	6.70	2.8 QP	29.5	-26.7	1.00	68	22.3	-19.5
3	10.00	-2.7 QP	29.5	-32.2	1.00	70	15.5	-18.2
4	17.73	-3.0 QP	29.5	-32.5	1.00	75	15.1	-18.1
5	21.06	-6.5 QP	29.5	-36.0	1.00	13	11.6	-18.1
6	27.12	-3.4 QP	29.5	-32.9	1.00	79	14.7	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)

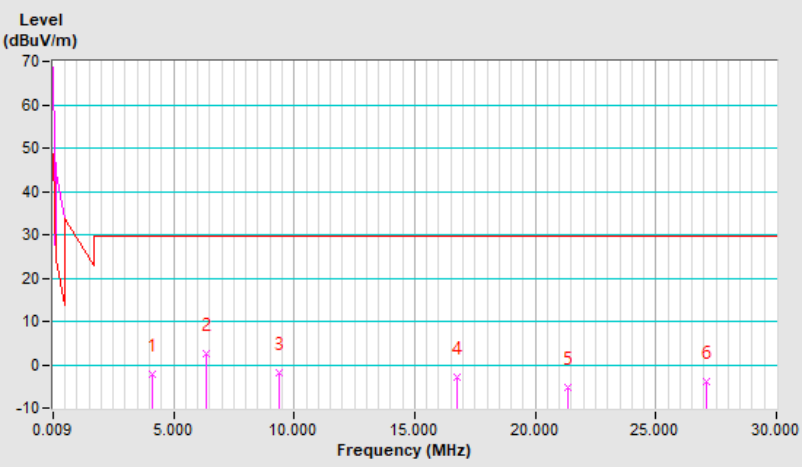


Channel	Ch6 + Ch 26697 + Ch1	Detector Function & Bandwidth	Quasi-Peak (QP), 9kHz
Frequency Range	9kHz ~ 30MHz		

Antenna Polarity : Ground-parallel								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	4.15	-2.3 QP	29.5	-31.8	1.00	86	17.7	-20.0
2	6.37	2.6 QP	29.5	-26.9	1.00	327	22.2	-19.6
3	9.37	-2.0 QP	29.5	-31.5	1.00	15	16.4	-18.4
4	16.74	-2.9 QP	29.5	-32.4	1.00	116	15.2	-18.1
5	21.36	-5.3 QP	29.5	-34.8	1.00	56	12.8	-18.1
6	27.12	-4.0 QP	29.5	-33.5	1.00	111	14.1	-18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + Distance Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. The test distance for 0.49 ~ 30MHz is 3m, extrapolate the measured field strength to a distance of 30 meters, using the formula that the limit of field strength varies as the inverse distance square (40dB per decade of distance)



Below 1GHz data

Mode A

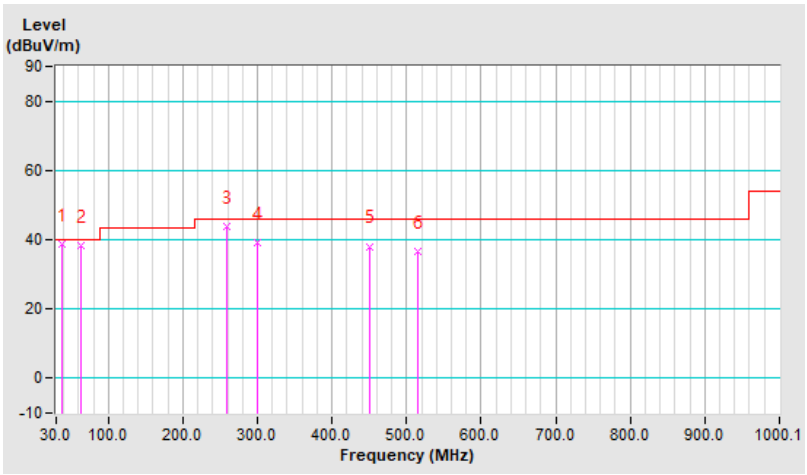
11n (HT20) + LTE Band 26 (Part 22) + NFC

Channel	Ch6 + Ch 26797 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	37.76	38.9 QP	40.0	-1.1	2.00 H	128	51.6	-12.7
2	63.95	38.5 QP	40.0	-1.5	1.50 H	315	52.1	-13.6
3	258.94	43.9 QP	46.0	-2.1	1.00 H	87	57.1	-13.2
4	299.69	39.3 QP	46.0	-6.7	1.00 H	18	51.1	-11.8
5	450.05	38.1 QP	46.0	-7.9	1.50 H	235	46.2	-8.1
6	515.05	36.8 QP	46.0	-9.2	2.00 H	291	43.3	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

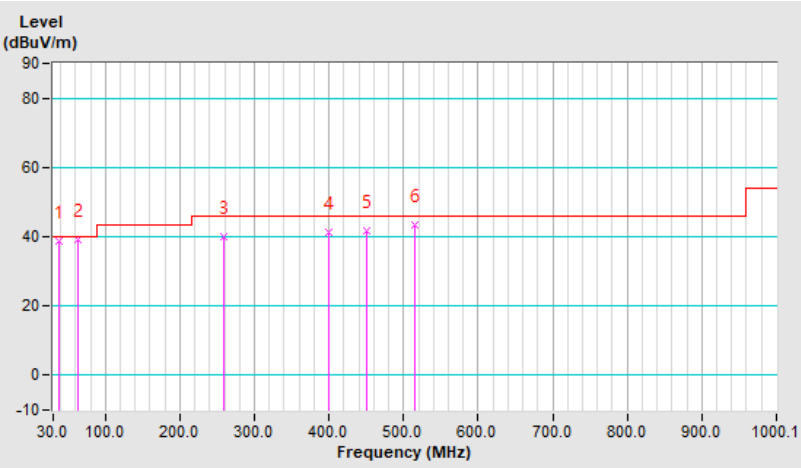


Channel	Ch6 + Ch 26797 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38.73	38.7 QP	40.0	-1.3	1.50 V	260	51.2	-12.5
2	**63.95**	**39.1 QP**	**40.0**	**-0.9**	**1.50 V**	**2**	**52.7**	**-13.6**
3	257.97	40.2 QP	46.0	-5.8	2.00 V	184	53.5	-13.3
4	399.61	41.1 QP	46.0	-4.9	1.50 V	161	50.7	-9.6
5	450.05	41.6 QP	46.0	-4.4	1.00 V	180	49.7	-8.1
6	515.05	43.4 QP	46.0	-2.6	2.00 V	71	49.9	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

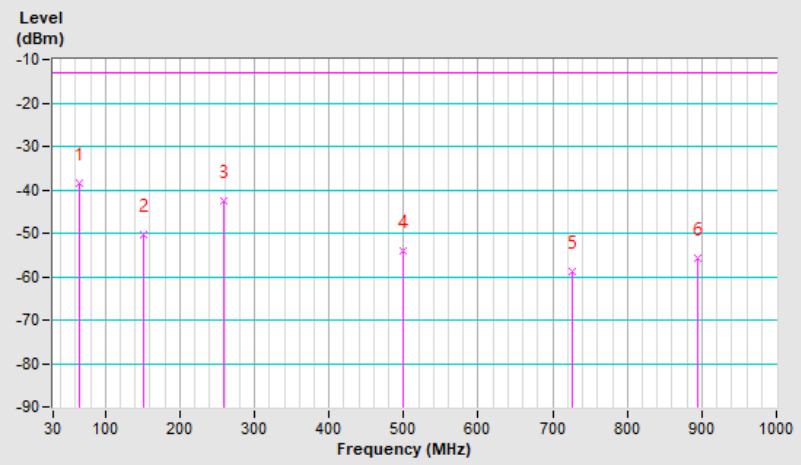


Channel	Ch6 + Ch 26797 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	64.92	-38.56	-13.00	-25.56	2.00 H	328	72.59	-111.15
2	150.28	-50.43	-13.00	-37.43	1.50 H	64	59.38	-109.81
3	257.95	-42.62	-13.00	-29.62	1.00 H	98	68.11	-110.73
4	499.48	-54.06	-13.00	-41.06	1.00 H	315	50.26	-104.32
5	725.49	-58.84	-13.00	-45.84	1.50 H	114	41.76	-100.60
6	895.24	-55.85	-13.00	-42.85	2.00 H	163	42.65	-98.50

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

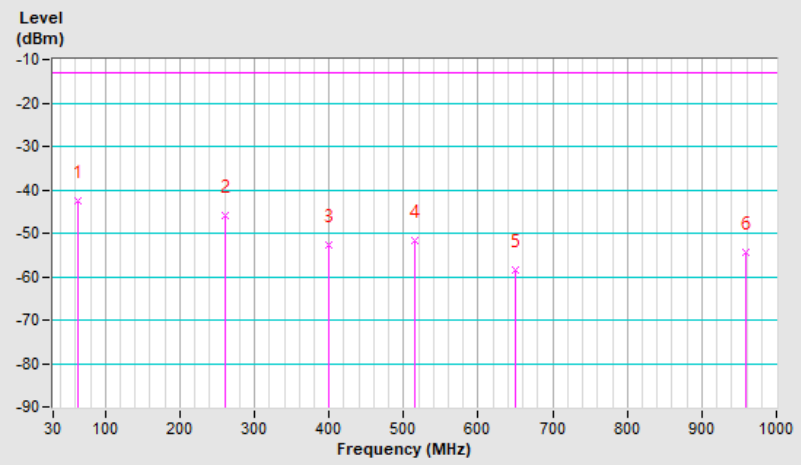


Channel	Ch6 + Ch 26797 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	63.95	-42.63	-13.00	-29.63	1.00 V	3	68.35	-110.98
2	260.86	-46.08	-13.00	-33.08	1.50 V	174	64.51	-110.59
3	399.57	-52.66	-13.00	-39.66	2.00 V	4	54.28	-106.94
4	515.00	-51.68	-13.00	-38.68	1.50 V	76	52.23	-103.91
5	649.83	-58.55	-13.00	-45.55	2.00 V	307	43.22	-101.77
6	959.26	-54.48	-13.00	-41.48	1.50 V	14	43.18	-97.66

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



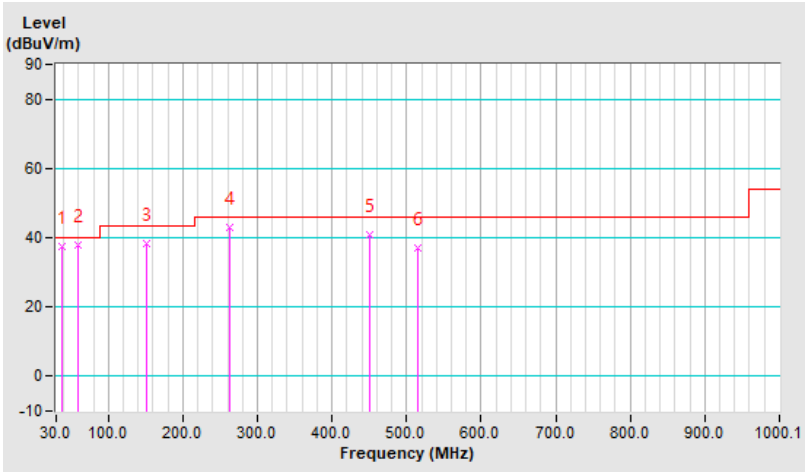
11n (HT20) + LTE Band 2 + NFC

Channel	Ch 6 + Ch 19185 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38.73	37.3 QP	40.0	-2.7	1.00 H	158	49.8	-12.5
2	60.07	37.7 QP	40.0	-2.3	2.00 H	158	50.5	-12.8
3	150.29	38.1 QP	43.5	-5.4	1.00 H	41	50.4	-12.3
4	261.85	42.9 QP	46.0	-3.1	1.50 H	99	56.0	-13.1
5	450.05	41.0 QP	46.0	-5.0	2.00 H	221	49.1	-8.1
6	515.05	37.1 QP	46.0	-8.9	2.00 H	328	43.6	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

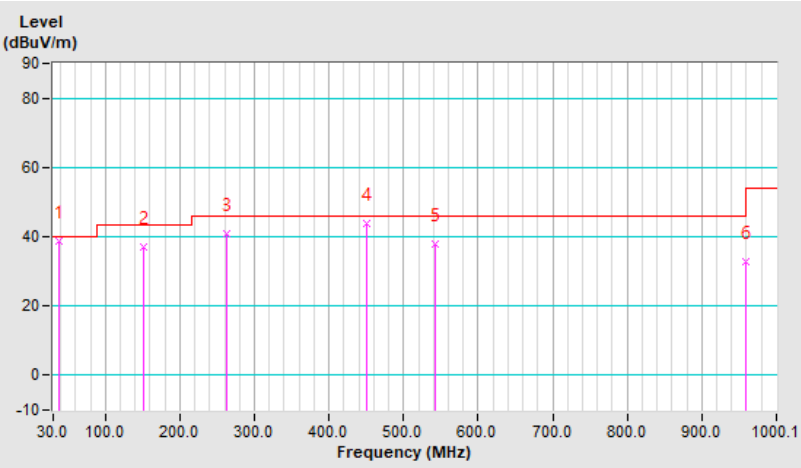


Channel	Ch 6 + Ch 19185 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38.73	38.7 QP	40.0	-1.3	1.00 V	143	51.2	-12.5
2	150.29	37.2 QP	43.5	-6.3	2.00 V	53	49.5	-12.3
3	261.85	40.7 QP	46.0	-5.3	1.50 V	173	53.8	-13.1
4	450.05	44.0 QP	46.0	-2.0	1.00 V	162	52.1	-8.1
5	542.21	37.7 QP	46.0	-8.3	2.00 V	2	44.0	-6.3
6	958.39	33.0 QP	46.0	-13.0	1.50 V	250	33.3	-0.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

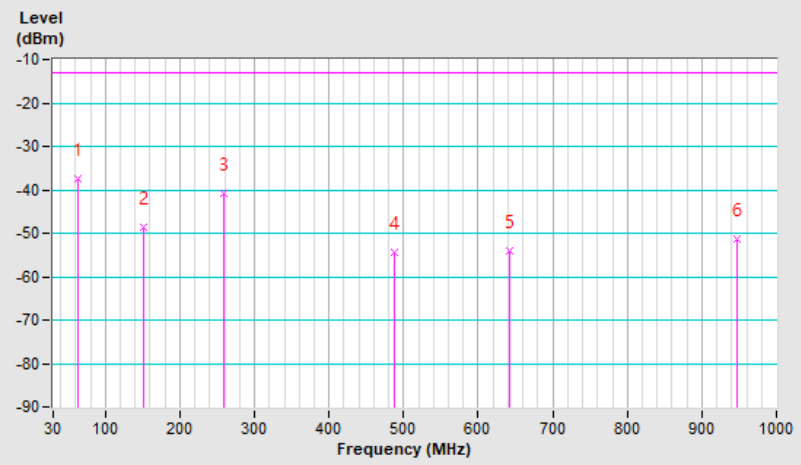


Channel	Ch 6 + Ch 19185 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	63.95	-37.50	-13.00	-24.50	2.00 H	333	71.33	-108.83
2	150.28	-48.70	-13.00	-35.70	1.50 H	68	58.96	-107.66
3	258.92	-40.90	-13.00	-27.90	2.00 H	98	67.63	-108.53
4	487.84	-54.49	-13.00	-41.49	1.50 H	73	47.97	-102.46
5	643.04	-54.20	-13.00	-41.20	1.00 H	192	45.40	-99.60
6	947.62	-51.20	-13.00	-38.20	1.00 H	2	44.51	-95.71

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

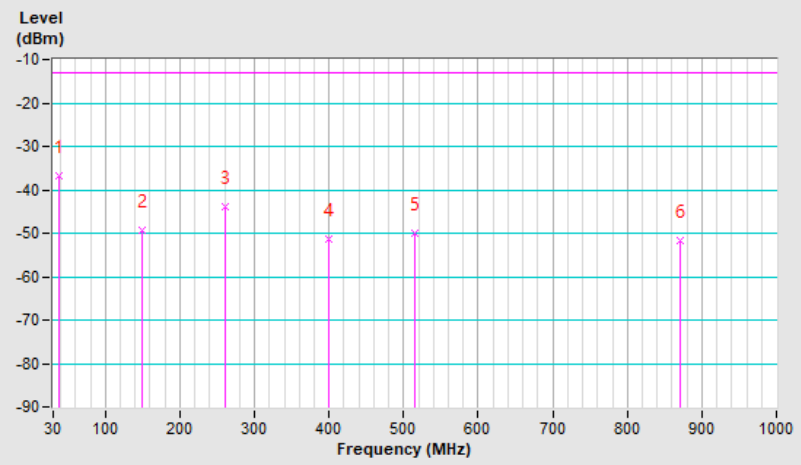


Channel	Ch 6 + Ch 19185 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38.73	-36.67	-13.00	-23.67	1.50 V	133	71.11	-107.78
2	149.31	-49.27	-13.00	-36.27	2.00 V	259	58.42	-107.69
3	259.89	-43.98	-13.00	-30.98	1.50 V	161	64.50	-108.48
4	400.54	-51.21	-13.00	-38.21	2.00 V	163	53.57	-104.78
5	515.00	-49.98	-13.00	-36.98	1.50 V	86	51.78	-101.76
6	870.99	-51.76	-13.00	-38.76	2.00 V	50	44.93	-96.69

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



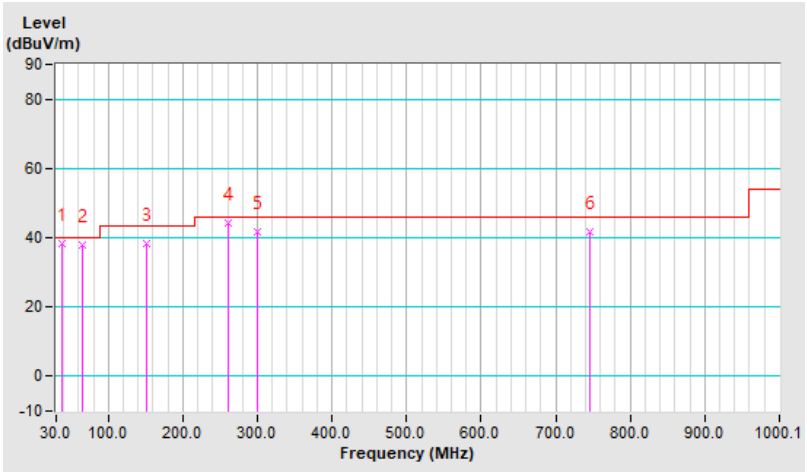
11n (HT20) + LTE Band 4 + NFC

Channel	Ch6 + Ch 20050 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38.73	38.3 QP	40.0	-1.7	2.00 H	136	50.8	-12.5
2	64.92	38.0 QP	40.0	-2.0	1.50 H	304	51.7	-13.7
3	150.29	38.4 QP	43.5	-5.1	1.00 H	64	50.7	-12.3
4	260.88	44.2 QP	46.0	-1.8	1.00 H	102	57.4	-13.2
5	299.69	41.6 QP	46.0	-4.4	1.00 H	49	53.4	-11.8
6	744.96	41.9 QP	46.0	-4.1	2.00 H	87	44.0	-2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

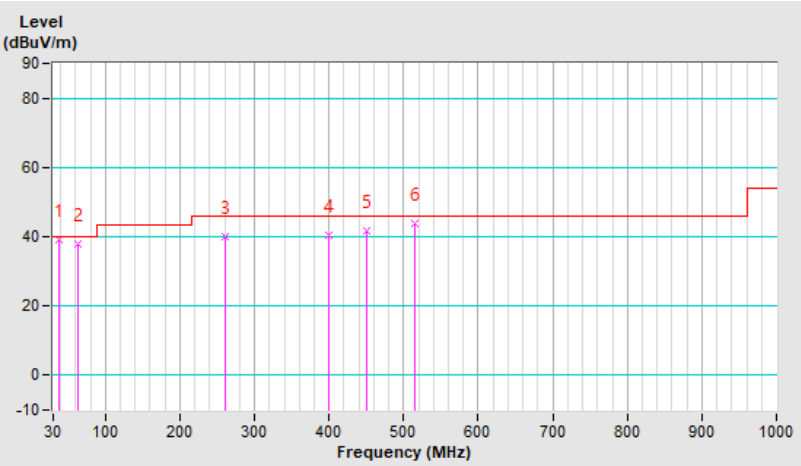


Channel	Ch6 + Ch 20050 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**38.73**	**39.1 QP**	**40.0**	**-0.9**	**1.50 V**	**45**	**51.6**	**-12.5**
2	63.95	37.8 QP	40.0	-2.2	1.00 V	30	51.4	-13.6
3	259.91	40.1 QP	46.0	-5.9	2.00 V	161	53.3	-13.2
4	399.61	40.6 QP	46.0	-5.4	1.50 V	161	50.2	-9.6
5	450.05	41.8 QP	46.0	-4.2	2.00 V	173	49.9	-8.1
6	515.05	43.7 QP	46.0	-2.3	1.00 V	73	50.2	-6.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

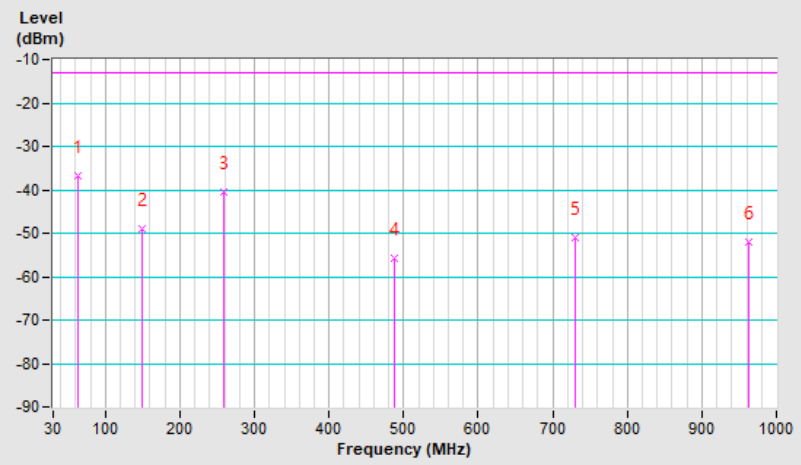


Channel	Ch6 + Ch 20050 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**63.95**	**-36.82**	**-13.00**	**-23.82**	**2.00 H**	**318**	**72.01**	**-108.83**
2	149.31	-48.87	-13.00	-35.87	1.50 H	71	58.82	-107.69
3	258.92	-40.36	-13.00	-27.36	1.00 H	95	68.17	-108.53
4	487.84	-55.86	-13.00	-42.86	1.50 H	78	46.60	-102.46
5	730.34	-51.04	-13.00	-38.04	2.00 H	122	47.11	-98.15
6	963.14	-51.92	-13.00	-38.92	1.50 H	237	43.51	-95.43

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

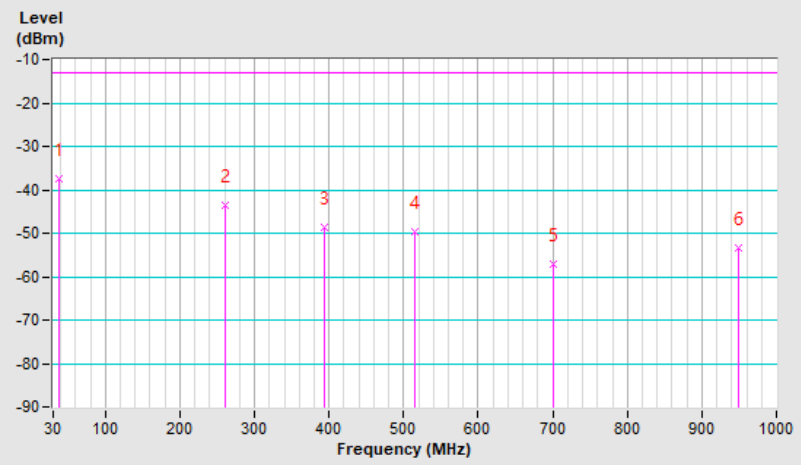


Channel	Ch6 + Ch 20050 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38.73	-37.35	-13.00	-24.35	2.00 V	2	70.43	-107.78
2	260.86	-43.71	-13.00	-30.71	1.50 V	174	64.73	-108.44
3	392.78	-48.54	-13.00	-35.54	1.00 V	172	56.36	-104.90
4	515.00	-49.61	-13.00	-36.61	1.50 V	82	52.15	-101.76
5	700.27	-57.02	-13.00	-44.02	2.00 V	240	41.95	-98.97
6	949.56	-53.35	-13.00	-40.35	1.50 V	2	42.32	-95.67

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



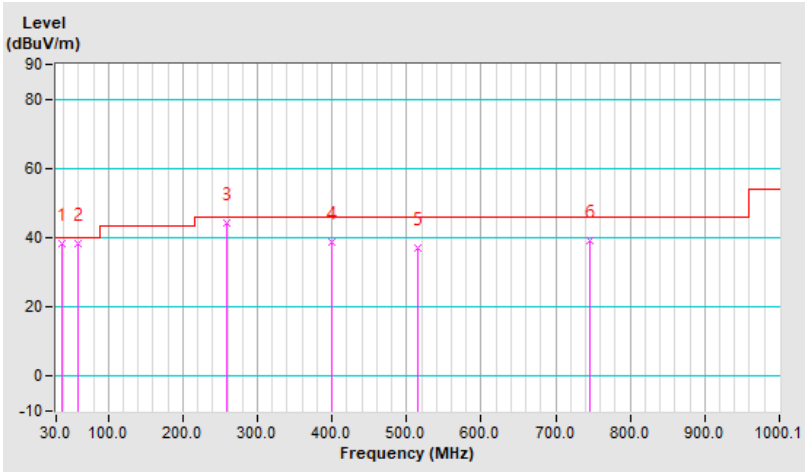
11n (HT20) + LTE Band 26 (Part 90) + NFC

Channel	Ch6 + Ch 26697 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	37.76	38.2 QP	40.0	-1.8	2.00 H	141	50.9	-12.7
2	59.10	38.4 QP	40.0	-1.6	1.50 H	178	51.2	-12.8
3	257.97	44.2 QP	46.0	-1.8	2.00 H	244	57.5	-13.3
4	399.61	38.9 QP	46.0	-7.1	1.50 H	206	48.5	-9.6
5	515.05	36.9 QP	46.0	-9.1	1.00 H	86	43.4	-6.5
6	744.96	39.1 QP	46.0	-6.9	1.00 H	24	41.2	-2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

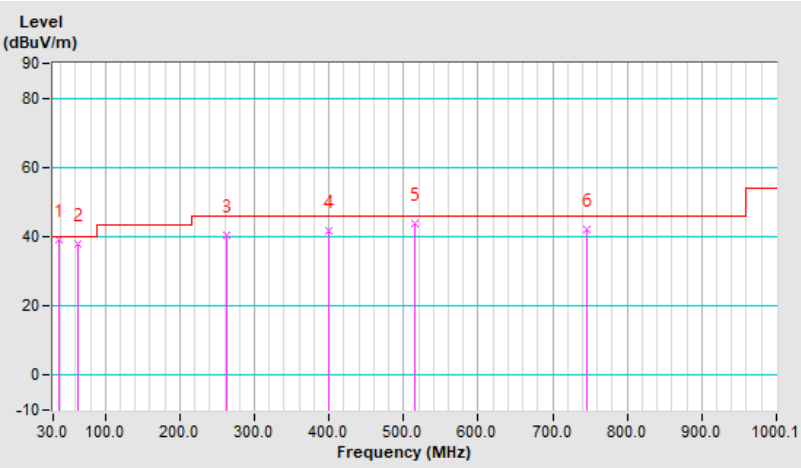


Channel	Ch6 + Ch 26697 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	38.73	39.0 QP	40.0	-1.0	2.00 V	184	51.5	-12.5
2	63.95	38.0 QP	40.0	-2.0	1.50 V	222	51.6	-13.6
3	261.85	40.3 QP	46.0	-5.7	1.00 V	169	53.4	-13.1
4	399.61	41.5 QP	46.0	-4.5	1.50 V	154	51.1	-9.6
5	515.05	43.7 QP	46.0	-2.3	2.00 V	77	50.2	-6.5
6	745.93	42.0 QP	46.0	-4.0	1.00 V	178	44.1	-2.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

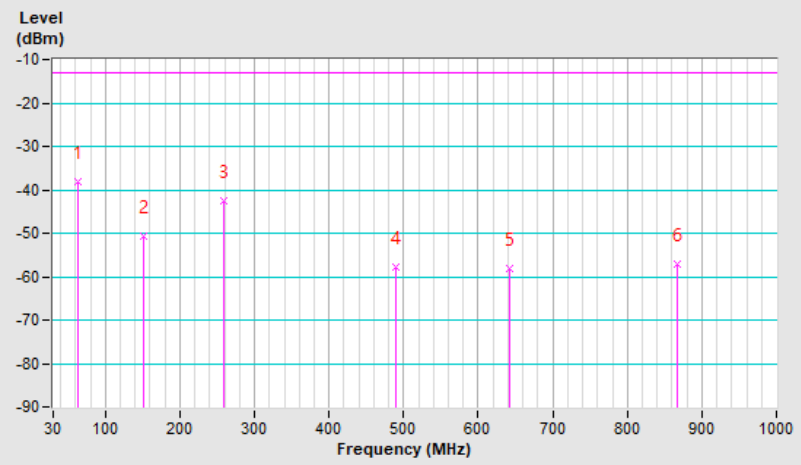


Channel	Ch6 + Ch 26697 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	63.95	-38.29	-13.00	-25.29	2.00 H	331	72.69	-110.98
2	150.28	-50.78	-13.00	-37.78	1.50 H	68	59.03	-109.81
3	257.95	-42.54	-13.00	-29.54	1.50 H	100	68.19	-110.73
4	488.81	-57.95	-13.00	-44.95	2.00 H	63	46.64	-104.59
5	643.04	-58.12	-13.00	-45.12	1.50 H	190	43.63	-101.75
6	866.14	-57.03	-13.00	-44.03	1.00 H	123	41.89	-98.92

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

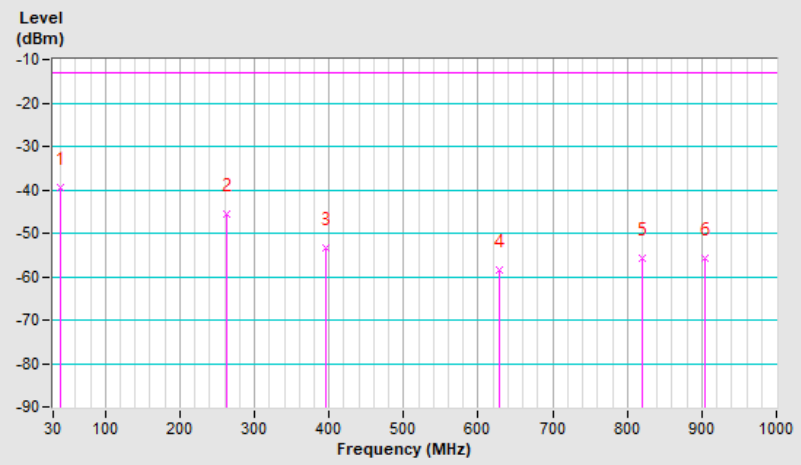


Channel	Ch6 + Ch 26697 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	39.70	-39.50	-13.00	-26.50	2.00 V	140	70.48	-109.98
2	261.83	-45.74	-13.00	-32.74	1.00 V	169	64.80	-110.54
3	395.69	-53.55	-13.00	-40.55	1.50 V	349	53.45	-107.00
4	627.52	-58.56	-13.00	-45.56	1.00 V	191	43.54	-102.10
5	819.58	-55.83	-13.00	-42.83	1.50 V	346	43.01	-98.84
6	903.97	-55.70	-13.00	-42.70	1.50 V	186	42.71	-98.41

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



Mode B

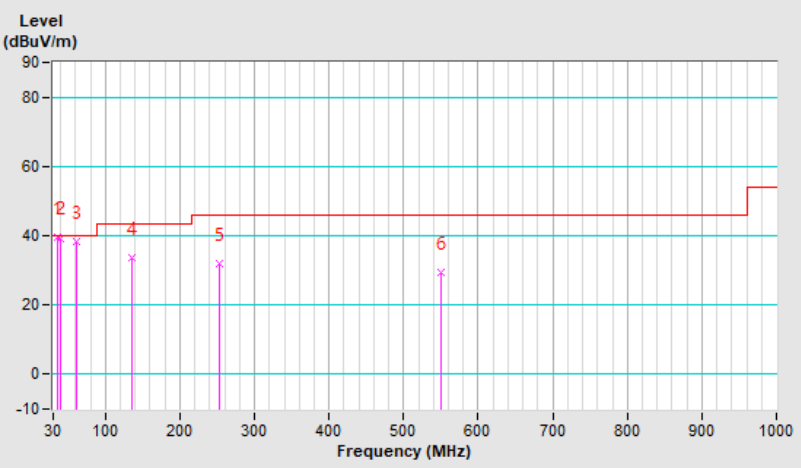
11n (HT20) + LTE Band 26 (Part 22) + NFC

Channel	Ch6 + Ch 26797 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.82	39.6 QP	40.0	-0.4	2.00 H	342	50.1	-10.5
2	40.67	39.4 QP	40.0	-0.6	1.50 H	248	49.4	-10.0
3	61.04	38.4 QP	40.0	-1.6	1.00 H	1	48.8	-10.4
4	135.73	33.8 QP	43.5	-9.7	1.00 H	12	43.9	-10.1
5	252.13	32.1 QP	46.0	-13.9	2.00 H	307	41.8	-9.7
6	549.92	29.4 QP	46.0	-16.6	1.00 H	16	32.8	-3.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

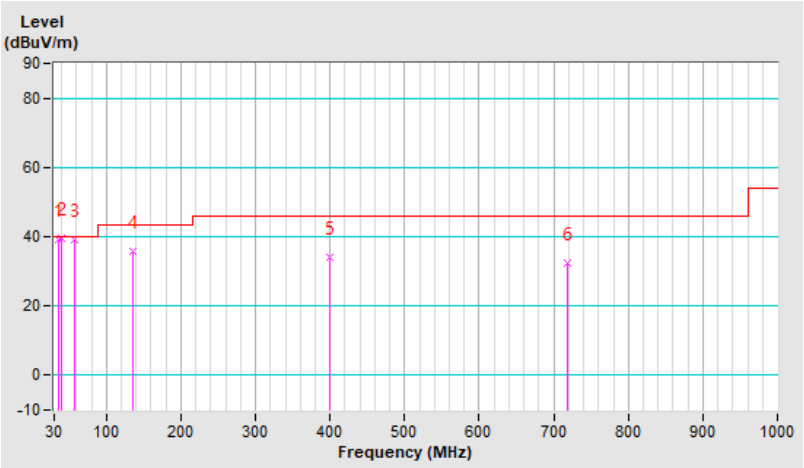


Channel	Ch6 + Ch 26797 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.82	39.1 QP	40.0	-0.9	1.50 V	354	51.8	-12.6
2	**40.67**	**39.7 QP**	**40.0**	**-0.3**	**1.00 V**	**271**	**51.8**	**-12.1**
3	57.16	39.2 QP	40.0	-0.8	1.00 V	327	51.2	-12.0
4	135.73	35.8 QP	43.5	-7.7	1.00 V	14	48.0	-12.3
5	399.57	34.1 QP	46.0	-11.9	1.50 V	172	42.5	-8.3
6	717.73	32.3 QP	46.0	-13.7	2.00 V	31	34.2	-1.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

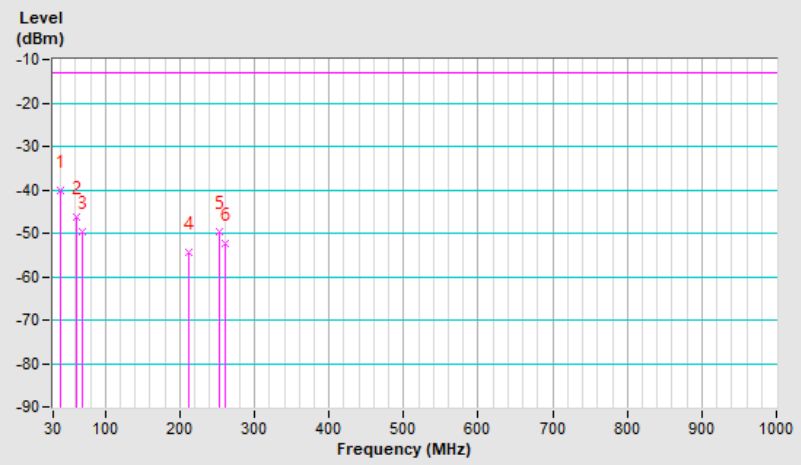


Channel	Ch6 + Ch 26797 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.67	-40.05	-13.00	-27.05	1.00 H	7	67.37	-107.42
2	61.04	-46.29	-13.00	-33.29	1.50 H	325	61.48	-107.77
3	69.77	-49.59	-13.00	-36.59	1.00 H	172	59.19	-108.78
4	212.36	-54.26	-13.00	-41.26	2.00 H	156	55.01	-109.27
5	253.10	-49.79	-13.00	-36.79	1.50 H	284	57.24	-107.03
6	259.89	-52.24	-13.00	-39.24	1.00 H	298	54.52	-106.76

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

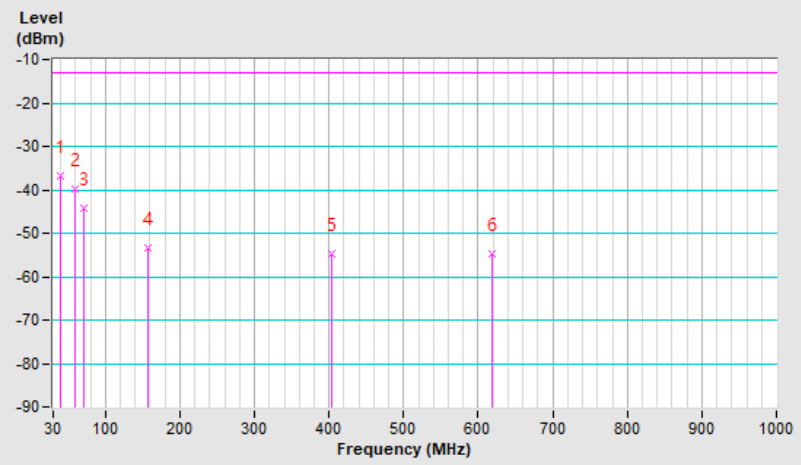


Channel	Ch6 + Ch 26797 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**40.67**	**-36.77**	**-13.00**	**-23.77**	**1.50 V**	**130**	**70.65**	**-107.42**
2	60.07	-39.93	-13.00	-26.93	2.00 V	277	67.45	-107.38
3	70.74	-44.30	-13.00	-31.30	1.00 V	136	64.66	-108.96
4	158.04	-53.39	-13.00	-40.39	1.00 V	264	53.13	-106.52
5	404.42	-54.86	-13.00	-41.86	2.00 V	202	48.68	-103.54
6	617.82	-54.83	-13.00	-41.83	1.00 V	1	44.11	-98.94

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



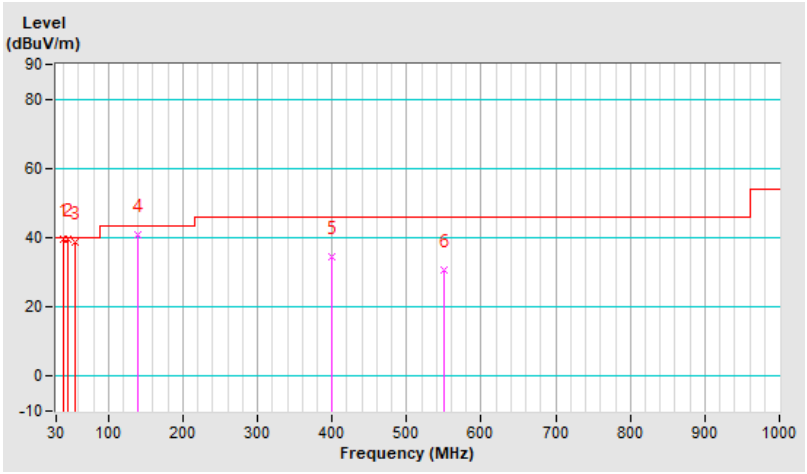
11n (HT20) + LTE Band 2 + NFC

Channel	Ch 6 + Ch 19185 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**40.57**	**39.7 QP**	**40.0**	**-0.3**	**1.98 H**	**264**	**49.7**	**-10.0**
2	46.14	39.4 QP	40.0	-0.6	1.48 H	52	48.9	-9.5
3	55.98	38.7 QP	40.0	-1.3	1.48 H	129	48.3	-9.6
4	139.61	40.7 QP	43.5	-2.8	1.49 H	210	50.5	-9.8
5	399.57	34.6 QP	46.0	-11.4	1.99 H	6	40.8	-6.2
6	549.92	30.8 QP	46.0	-15.2	1.49 H	14	34.2	-3.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

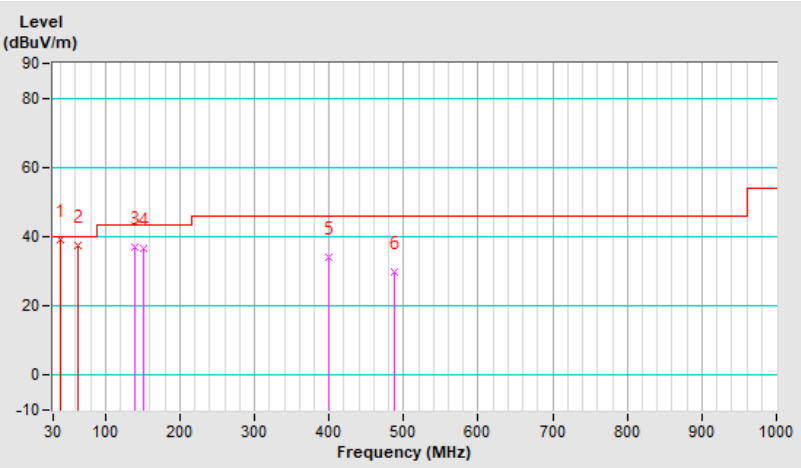


Channel	Ch 6 + Ch 19185 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.72	39.2 QP	40.0	-0.8	1.00 V	4	49.1	-9.9
2	64.00	37.4 QP	40.0	-2.6	1.98 V	72	48.1	-10.7
3	138.64	37.0 QP	43.5	-6.5	1.49 V	229	46.8	-9.8
4	151.25	36.6 QP	43.5	-6.9	1.99 V	135	45.7	-9.1
5	399.57	34.0 QP	46.0	-12.0	1.00 V	215	40.2	-6.2
6	487.84	29.7 QP	46.0	-16.3	1.00 V	5	34.2	-4.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

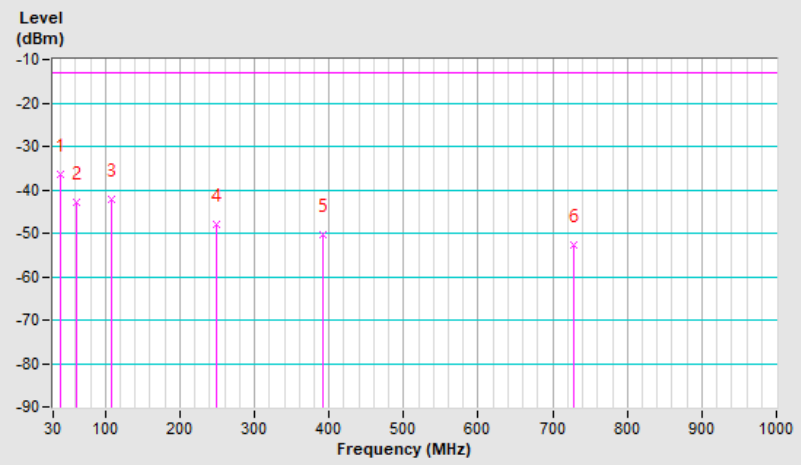


Channel	Ch 6 + Ch 19185 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.67	-36.30	-13.00	-23.30	1.50 H	62	68.97	-105.27
2	61.04	-43.02	-13.00	-30.02	1.50 H	14	62.60	-105.62
3	107.60	-42.32	-13.00	-29.32	1.00 H	157	65.58	-107.90
4	248.25	-48.00	-13.00	-35.00	1.00 H	110	57.04	-105.04
5	391.81	-50.19	-13.00	-37.19	2.00 H	208	51.33	-101.52
6	727.43	-52.65	-13.00	-39.65	1.00 H	91	42.27	-94.92

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

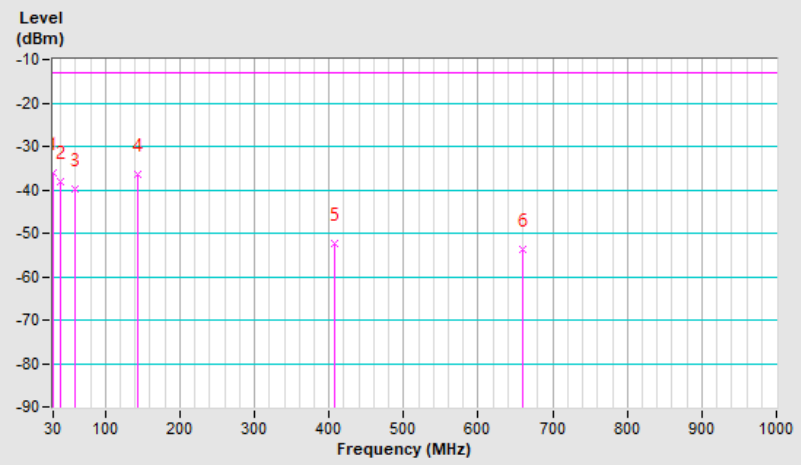


Channel	Ch 6 + Ch 19185 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	**30.97**	**-35.96**	**-13.00**	**-22.96**	**1.00 V**	**266**	**70.50**	**-106.46**
2	40.67	-37.97	-13.00	-24.97	1.50 V	279	67.30	-105.27
3	59.10	-39.89	-13.00	-26.89	1.00 V	298	65.30	-105.19
4	143.49	-36.49	-13.00	-23.49	1.00 V	266	68.24	-104.73
5	407.33	-52.52	-13.00	-39.52	1.00 V	204	48.82	-101.34
6	660.50	-53.79	-13.00	-40.79	1.00 V	42	42.29	-96.08

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



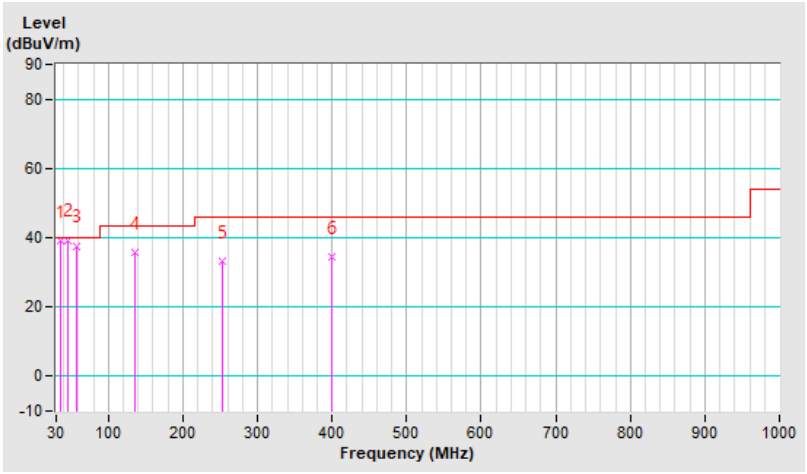
11n (HT20) + LTE Band 4 + NFC

Channel	Ch6 + Ch 20050 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.82	39.2 QP	40.0	-0.8	1.00 H	178	49.7	-10.5
2	45.52	39.4 QP	40.0	-0.6	1.51 H	182	48.9	-9.5
3	57.16	37.7 QP	40.0	-2.3	1.51 H	198	47.6	-9.9
4	135.73	35.8 QP	43.5	-7.7	1.51 H	7	45.9	-10.1
5	252.13	33.1 QP	46.0	-12.9	1.00 H	294	42.8	-9.7
6	399.57	34.6 QP	46.0	-11.4	1.98 H	354	40.8	-6.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

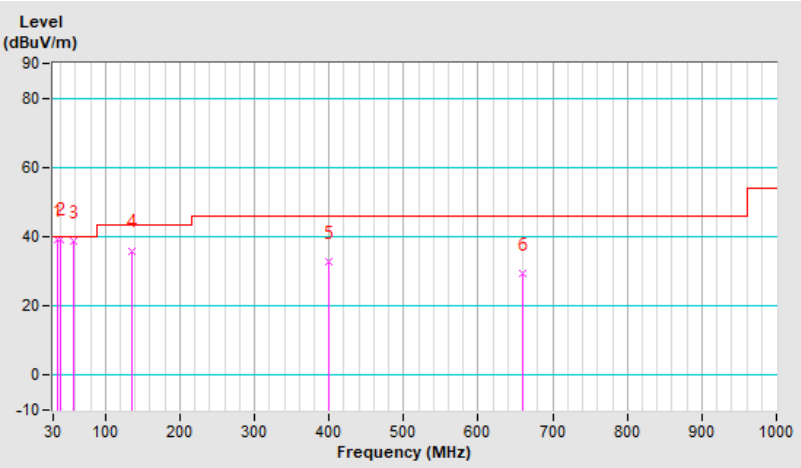


Channel	Ch6 + Ch 20050 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.82	39.2 QP	40.0	-0.8	1.00 V	7	49.7	-10.5
2	40.67	39.4 QP	40.0	-0.6	1.00 V	7	49.4	-10.0
3	58.13	38.7 QP	40.0	-1.3	1.50 V	88	48.6	-9.9
4	135.73	36.0 QP	43.5	-7.5	1.00 V	7	46.1	-10.1
5	399.57	33.0 QP	46.0	-13.0	2.00 V	312	39.2	-6.2
6	660.50	29.4 QP	46.0	-16.6	1.00 V	8	30.2	-0.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

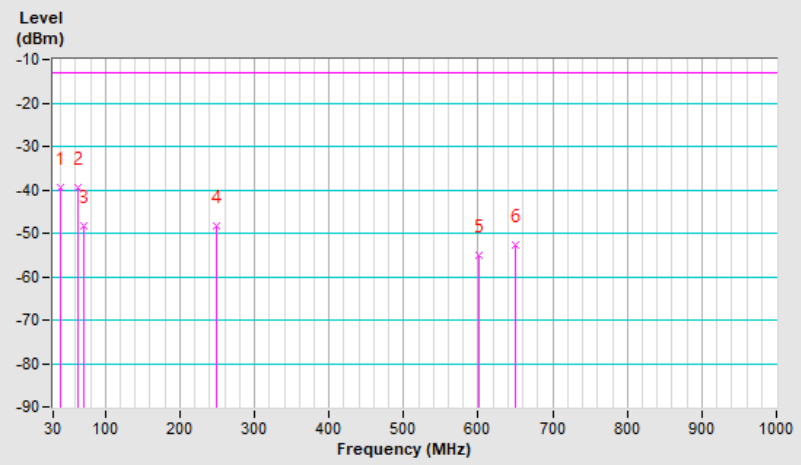


Channel	Ch6 + Ch 20050 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.67	-39.47	-13.00	-26.47	1.50 H	200	65.80	-105.27
2	62.98	-39.54	-13.00	-26.54	1.00 H	54	65.89	-105.43
3	70.74	-48.28	-13.00	-35.28	1.50 H	13	58.53	-106.81
4	248.25	-48.41	-13.00	-35.41	2.00 H	133	56.63	-105.04
5	601.33	-55.16	-13.00	-42.16	1.00 H	21	42.04	-97.20
6	649.83	-52.64	-13.00	-39.64	1.00 H	16	43.51	-96.15

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

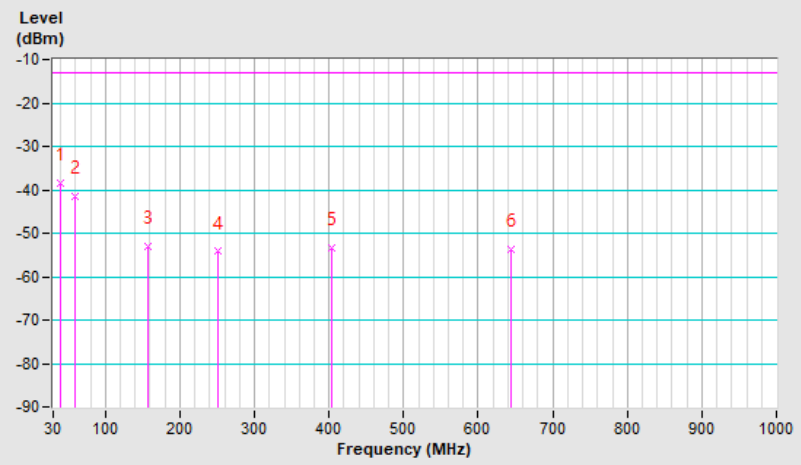


Channel	Ch6 + Ch 20050 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.67	-38.37	-13.00	-25.37	1.50 V	268	66.90	-105.27
2	60.07	-41.43	-13.00	-28.43	1.00 V	7	63.80	-105.23
3	157.07	-53.01	-13.00	-40.01	2.00 V	244	51.30	-104.31
4	251.16	-54.24	-13.00	-41.24	1.00 V	152	50.70	-104.94
5	404.42	-53.34	-13.00	-40.34	1.00 V	99	48.05	-101.39
6	644.01	-53.86	-13.00	-40.86	1.00 V	214	42.31	-96.17

Remarks:

1. EIRP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8
3. Margin value = EIRP – Limit value
4. The other EIRP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



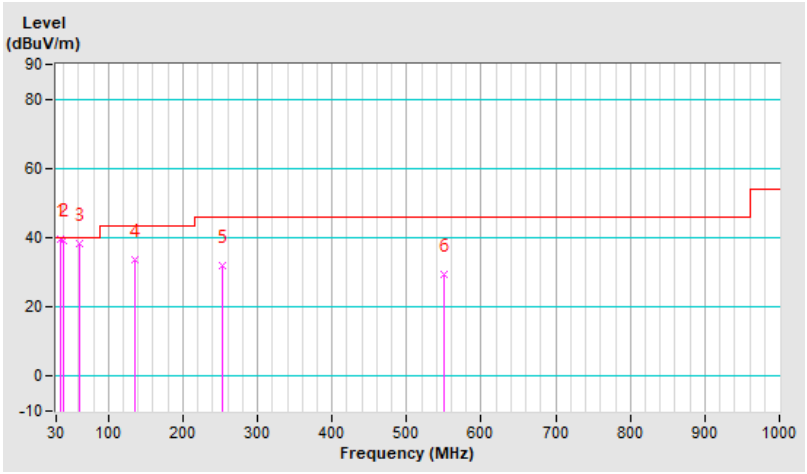
11n (HT20) + LTE Band 26 (Part 90) + NFC

Channel	Ch6 + Ch 26697 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	35.82	39.6 QP	40.0	-0.4	2.00 H	342	50.1	-10.5
2	40.67	39.4 QP	40.0	-0.6	1.50 H	248	49.4	-10.0
3	61.04	38.4 QP	40.0	-1.6	1.00 H	1	48.8	-10.4
4	135.73	33.8 QP	43.5	-9.7	1.00 H	12	43.9	-10.1
5	252.13	32.1 QP	46.0	-13.9	2.00 H	307	41.8	-9.7
6	549.92	29.4 QP	46.0	-16.6	1.00 H	16	32.8	-3.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

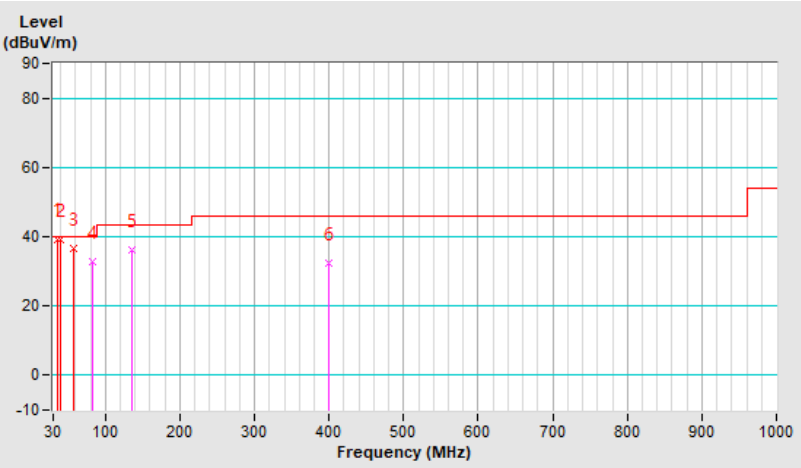


Channel	Ch6 + Ch 26697 + Ch1	Detector Function	Quasi-Peak (QP)
Frequency Range	30MHz ~ 1GHz		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	36.02	39.4 QP	40.0	-0.6	1.00 V	294	49.9	-10.5
2	40.70	39.2 QP	40.0	-0.8	1.00 V	67	49.1	-9.9
3	58.05	36.5 QP	40.0	-3.5	1.00 V	298	46.4	-9.9
4	83.35	32.6 QP	40.0	-7.4	1.50 V	19	47.0	-14.4
5	135.73	36.0 QP	43.5	-7.5	1.00 V	34	46.1	-10.1
6	399.57	32.2 QP	46.0	-13.8	2.00 V	158	38.4	-6.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30MHz~1000MHz.
5. The emission levels were very low against the limit of frequency range 9kHz~30MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

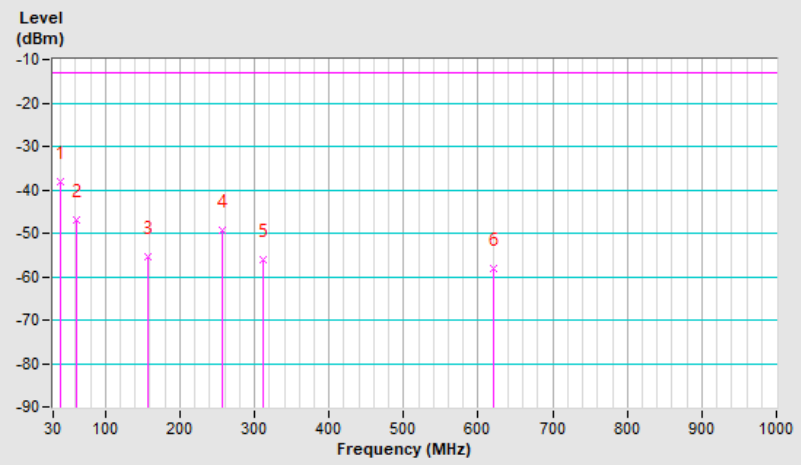


Channel	Ch6 + Ch 26697 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.67	-38.01	-13.00	-25.01	1.50 H	41	69.41	-107.42
2	61.04	-46.87	-13.00	-33.87	1.00 H	4	60.90	-107.77
3	158.04	-55.26	-13.00	-42.26	2.00 H	132	51.26	-106.52
4	256.01	-49.31	-13.00	-36.31	1.00 H	290	57.63	-106.94
5	312.27	-56.16	-13.00	-43.16	1.50 H	186	48.80	-104.96
6	620.73	-58.20	-13.00	-45.20	1.00 H	2	40.68	-98.88

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

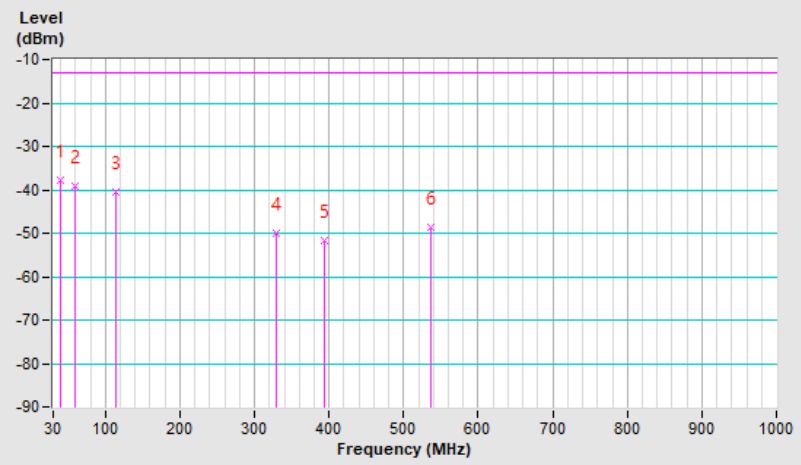


Channel	Ch6 + Ch 26697 + Ch1	Frequency Range	30MHz ~ 1GHz

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	40.67	-37.67	-13.00	-24.67	1.00 V	6	69.75	-107.42
2	59.10	-39.29	-13.00	-26.29	1.00 V	342	68.05	-107.34
3	113.42	-40.62	-13.00	-27.62	1.00 V	134	68.94	-109.56
4	329.73	-49.92	-13.00	-36.92	2.00 V	134	54.71	-104.63
5	394.72	-51.65	-13.00	-38.65	1.50 V	312	51.98	-103.63
6	537.31	-48.58	-13.00	-35.58	1.00 V	136	52.47	-101.05

Remarks:

1. ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB) + 20log(D) – 104.8 – 2.15
3. Margin value = ERP – Limit value
4. The other ERP levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The EIRP levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



5 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo).

Appendix – Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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Email: service.adt@bureauveritas.com
Web Site: http://ee.bureauveritas.com.tw

The address and road map of all our labs can be found in our web site also.

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