FCC Radio Test Report
FCC ID: SIB-NABIXD-NV10B

This report concerns (check one) : ■ **Original Grant** □ **Class I Change**

Issued Date	:	Jun. 11, 2013
Project No.	:	1305C141
Equipment	:	nabi Tablet (nabi XD)
Model Name	:	NABIXD-NV10C; NABIXD-NV10B
Applicant	:	Foxconn International Inc.
Address	:	No.2, Ziyou St., Tucheng Dist., New Taipei City 236, Taiwan
Manufacturer	:	FUHU INC
Address	:	909 N SEPULVEDA BLVD STE 540 EL SEGUNDO, CA 90245-2733

Tested by:
Neutron Engineering Inc. EMC Laboratory
Date of Receipt: May. 21, 2013
Date of Test:
May. 21, 2013~ Jun. 10, 2013

Testing Engineer : David Mao
(David Mao)

Technical Manager : Leo Hung
(Leo Hung)

Authorized Signatory : Steven Lu
(Steven Lu)

Neutron Engineering Inc.

No.3,Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.
TEL : (0769) 8318-3000 FAX : (0769) 8319-6000

Declaration

Neutron represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with the standards traceable to National Measurement Laboratory (**NML**) of **R.O.C**., or National Institute of Standards and Technology (**NIST**) of **U.S.A.**

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Neutron's laboratory quality assurance procedures are in compliance with the **ISO Guide 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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1. CERTIFICATION

Equipment	:	nabi Tablet (nabi XD)
Brand Name	:	nabi
Model Name	:	NABIXD-NV10C; NABIXD-NV10B
Applicant	:	Foxconn International Inc.
Factory	:	Honfujin precision industry (Chongqing) Co.,Ltd.
Address	:	No.1,East district 1st Rd.Shapingba District,ChongQing
Date of Test	:	May. 21, 2013~ Jun. 10, 2013
Test Item	:	ENGINEERING SAMPLE
Standards	:	FCC Part15, Subpart E(15.407) / ANSI C63.4 : 2009; FCC KDB 789033 D01 General UNII Test Procedures v01r03 .

The above equipment has been tested and found compliance with the requirement of the relative standards by Neutron Engineering Inc. EMC Laboratory.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCP-3-1305C141) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

Test result included in this report is only for the 5150MHz~5250MHz;5250MHz~5350MHz Mode part of the product.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15, Subpart E			
Standard Section	Test Item	Judgment	Remark
15.207	AC Power Line Conducted Emissions	PASS	
15.407(a)	26dB Spectrum Bandwidth	PASS	
15.407(a)	Maximum Conducted Output Power	PASS	
15.407(a)	Power Spectral Density	PASS	
15.407(a)	Peak Excursion	PASS	
15.407(a)	Radiated Emissions	PASS	
15.407(b)	Band Edge Emissions	PASS	
15.407(g)	Frequency Stability	PASS	
15.203	Antenna Requirements	PASS	

NOTE:

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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **DG-C02/DG-CB03** at the location of No.3,Jinshagang 1st Road, ShiXia, Dalang Town, Dong Guan, China.523792
Neutron's test firm number for FCC 319330

2.2 MEASUREMENT UNCERTAINTY

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

A. Conducted Measurement :

Test Site	Method	Measurement Frequency Range	U，(dB)	NOTE
DG-C02	CISPR	150 KHz ~ 30MHz	1.94	

B. Radiated Measurement :

Test Site	Method	Measurement Frequency Range	Ant. H / V	U，(dB)	NOTE
DG-CB03	CISPR	30MHz ~ 200MHz	V	3.82	
		30MHz ~ 200MHz	H	3.60	
		200MHz ~ 1,000MHz	V	3.86	
		200MHz ~ 1,000MHz	H	3.94	
		1GHz~18GHz	V	4.23	
		18GHz~40GHz	V	4.15	
		1GHz~18GHz	H	4.15	
		18GHz~40GHz	H	4.14	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

<table>
<tr><td>Equipment</td><td>nabi Tablet (nabi XD)</td></tr>
<tr><td>Brand Name</td><td>nabi</td></tr>
<tr><td>Model Name</td><td>NABIXD-NV10C; NABIXD-NV10B</td></tr>
<tr><td>Mode Different</td><td>The capacity is different since the manufacturer of chip is different, the NABIXD-NV10C is 32GB, the NABIXD-NV10B is 16GB.</td></tr>
<tr><td>Product Description</td><td>The EUT is a nabi Tablet (nabi XD).
<table>
<tr><td>Operation Frequency</td><td>Band 1:5150MHz~5250MHz
Band 2:5250MHz~5350MHz</td></tr>
<tr><td>Modulation Type</td><td>OFDM</td></tr>
<tr><td>Bit Rate of Transmitter</td><td>11a:6/ 9/12/18/24/36/48/54
11n:MCS0/1/2/3/4/5/6/7</td></tr>
<tr><td>Antenna Designation</td><td rowspan="2">Please see note 3.(Page 9)</td></tr>
<tr><td>Antenna Gain(Peak)</td></tr>
<tr><td>Output Power
Band 1</td><td>802.11a: 13.50dBm
802.11n (20M): 12.58dBm
802.11n (40M): 13.26dBm</td></tr>
<tr><td>Output Power
Band 2</td><td>802.11a: 13.81dBm
802.11n (20M): 12.88 dBm
802.11n (40M): 13.63dBm</td></tr>
</table></td></tr>
<tr><td>Product Description</td><td>More details of EUT technical specification, please refer to the User's Manual.</td></tr>
<tr><td>Power Source</td><td>#1 DC voltage supplied from adapter
Brand/Model: Chicony/W12-010N3A
#2 DC voltage supplied rechargeable Li-Polymer battery.
Battery Model: MLP3576113-2P</td></tr>
<tr><td>Power Rating</td><td>#1 I/P: AC 100-240V~ 50/60Hz 0.3A O/P: DC 5.35V 2A
#2 DC 3.7V 8000mAh 29.6Wh</td></tr>
<tr><td>Connecting I/O Port(s)</td><td>Please refer to the User's Manual</td></tr>
</table>

2. Channel List:

802.11a/802.11n 20M			
Band 1		Band 2	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	52	5260
40	5200	56	5280
44	5220	60	5300
48	5240	64	5320

802.11n 40M			
Band 1		Band 2	
Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	54	5270
46	5230	62	5310

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	晶鈦	AH-JT-0215 Y0311	Internal	N/A	3.97

3.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48(Band 1) TX A Mode / CH52, CH56, CH64(Band 2)
Mode 2	TX N20 Mode / CH36, CH40, CH48(Band 1) TX N20 Mode / CH52, CH56, CH64(Band 2)
Mode 3	TX N40 Mode / CH38, CH46 (Band 1) TX N40 Mode / CH54, CH62 (Band 2)
Mode 4	TX Mode

The EUT system operated these modes were found to be the worst case during the pre-scanning test as following:

For Conducted Test	
Final Test Mode	Description
Mode 4	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48(Band 1) TX A Mode / CH52, CH56, CH64(Band 2)
Mode 2	TX N20 Mode / CH36, CH40, CH48(Band 1) TX N20 Mode / CH52, CH56, CH64(Band 2)
Mode 3	TX N40 Mode / CH38, CH46 (Band 1) TX N40 Mode / CH54, CH62 (Band 2)

Note: The EUT is considered a portable unit; it was pre-tested on the positioned of each 3 axis. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.

3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

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

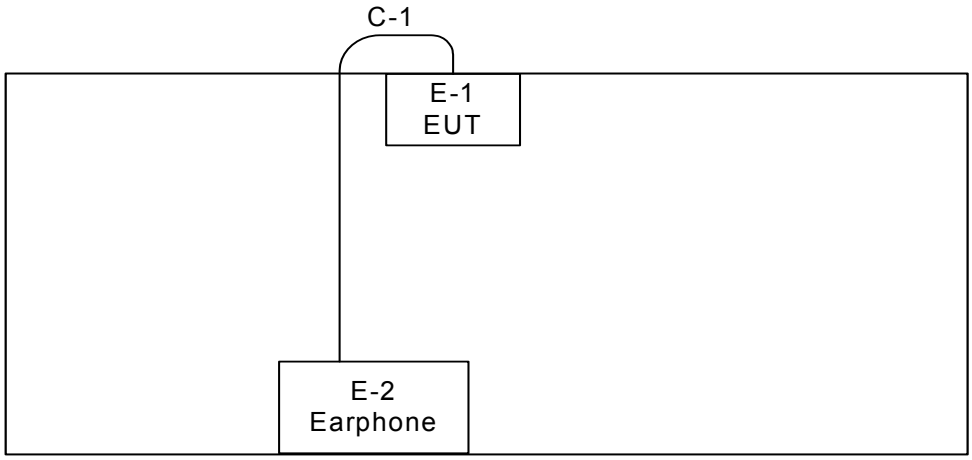
Test software version	N/A		
Frequency	5180 MHz	5200MHz	5240 MHz
A Mode	14	14	14
Frequency	5260 MHz	5280 MHz	5320 MHz
A Mode	14	14	14

Test software version	N/A		
Frequency	5180 MHz	5200MHz	5240 MHz
N20 Mode	13	13	13
Frequency	5260 MHz	5280 MHz	5320 MHz
N20 Mode	13	13	13

Test software version	N/A	
Frequency	5190 MHz	5230MHz
N40 Mode	13	13
Frequency	5270 MHz	5310 MHz
N40 Mode	13	13

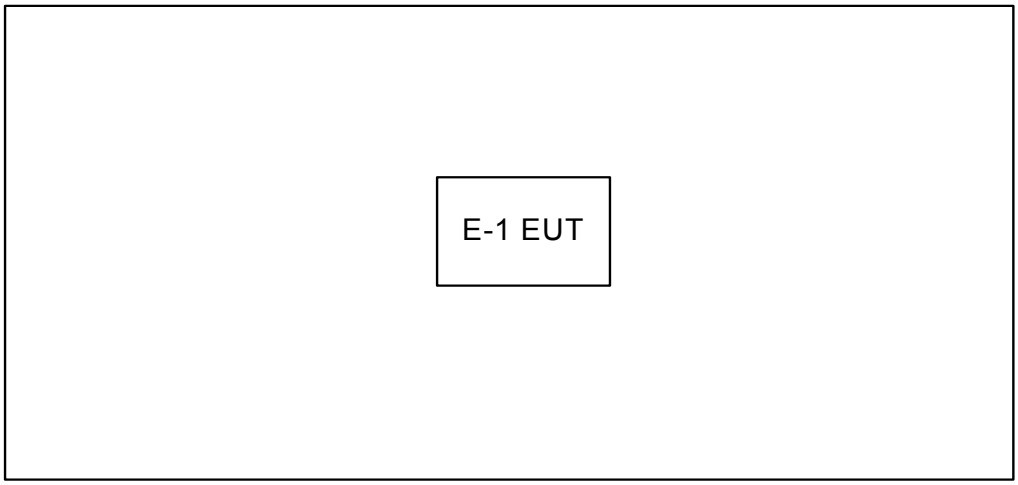
3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Conducted Mode:



C-1: Earphone Cable

Radiated Mode:



3.5 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.

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
E-1	nabi Tablet (nabi XD)	nabi	NABIXD-NV10C	SIB-NABIXD-NV10B	N/A	EUT
E-2	Earphone	Apple	N/A	DOC	N/A	

Item	Shielded Type	Ferrite Core	Length	Note
C-1	YES	NO	1.1m	

Note:

(1) The support equipment was authorized by Declaration of Confirmation.
(2) For detachable type I/O cable should be specified the length in m in『Length』column.

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

4.1.1 POWER LINE CONDUCTED EMISSION (Frequency Range 150KHz-30MHz)

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

Note:

(1) The tighter limit applies at the band edges.

(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

4.1.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	LISN	EMCO	3816/2	00052765	May.24.2013	Apr. 25, 2014
2	LISN	R&S	ENV216	100087	Nov.15.2012	Nov.16.2013
3	Test Cable	N/A	C_17	N/A	Mar.14.2013	Mar.15.2014
4	EMI TEST RECEIVER	R&S	ESCS30	826547/022	May.24.2013	Apr. 25, 2014
5	50Ω Terminator	SHX	TF2-3G-A	08122902	May.24.2013	Apr. 25, 2014

Remark: “N/A” denotes no model name, serial no. or calibration specified.

All calibration period of Equipment List is One Year.

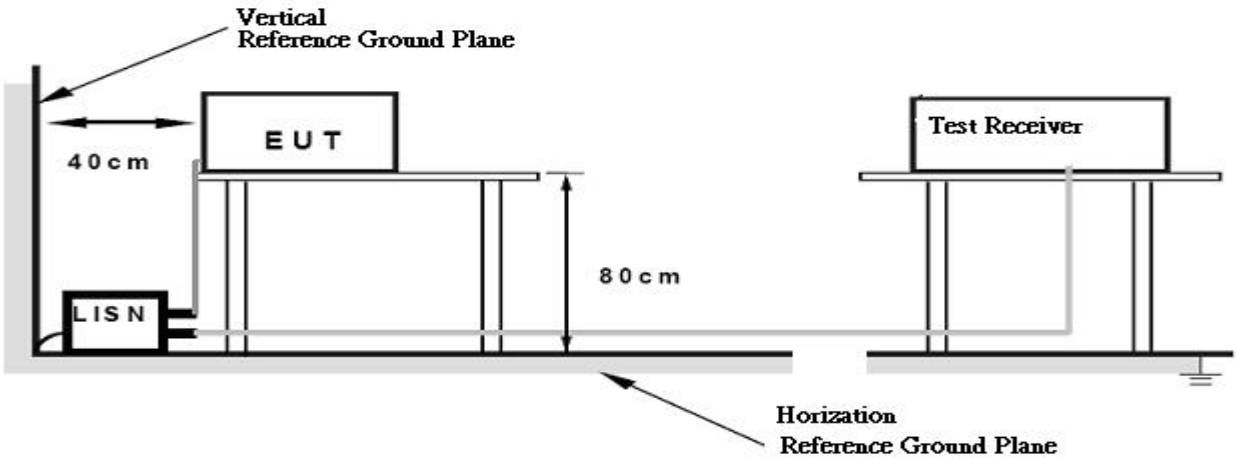
4.1.3 TEST PROCEDURE

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

4.1.4 DEVIATION FROM TEST STANDARD

No deviation

4.1.5 TEST SETUP



4.1.6 EUT OPERATING CONDITIONS

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

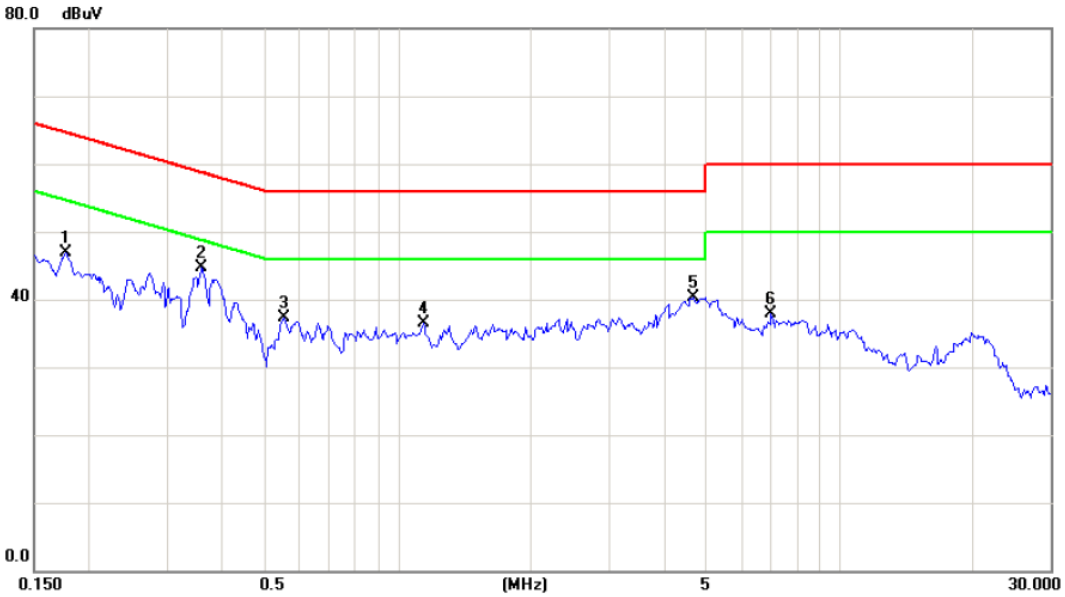
4.1.7 TEST RESULTS

Remark

(1) All readings are QP Mode value unless otherwise stated AVG in column of『Note』. If the QP Mode Measured value compliance with the QP Limits and lower than AVG Limits, the EUT shall be deemed to meet both QP & AVG Limits and then only QP Mode was measured, but AVG Mode didn't perform ◦ In this case, a " * " marked in AVG Mode column of Interference Voltage Measured ◦

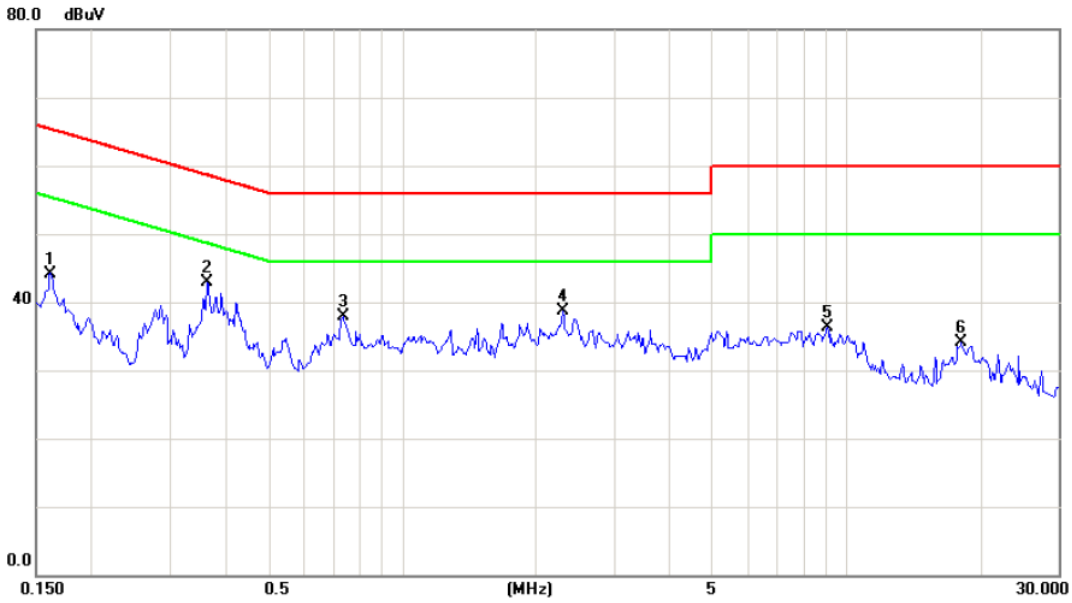
(2) Measuring frequency range from 150KHz to 30MHz ◦

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1010hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	TX Mode	Phase:	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1773	37.14	9.72	46.86	64.61	-17.75	peak	
2	*	0.3610	34.87	9.74	44.61	58.71	-14.10	peak	
3		0.5523	27.55	9.75	37.30	56.00	-18.70	peak	
4		1.1420	26.63	9.79	36.42	56.00	-19.58	peak	
5		4.6756	30.34	9.93	40.27	56.00	-15.73	peak	
6		7.0040	27.89	9.99	37.88	60.00	-22.12	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25 ℃	Relative Humidity：	58 %
Pressure：	1010hPa	Test Power ：	AC 120V/60Hz
Test Mode ：	TX Mode	Phase:	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1617	34.48	9.72	44.20	65.38	-21.18	peak	
2	*	0.3648	33.13	9.74	42.87	58.62	-15.75	peak	
3		0.7360	28.13	9.78	37.91	56.00	-18.09	peak	
4		2.3022	28.73	9.88	38.61	56.00	-17.39	peak	
5		9.0701	26.24	10.05	36.29	60.00	-23.71	peak	
6		18.1481	23.87	10.23	34.10	60.00	-25.90	peak	

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS (Frequency Range 9kHz-1000MHz)

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on15.205(a), then the 15.209(a) limit in the table below has to be followed.

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

FREQUENCY (MHz)	(dBuV/m)	
	PEAK	AVERAGE
Above 1000	74	54

Notes:

(1) The limit for radiated test was performed according to FCC PART 15C.

(2) The tighter limit applies at the band edges.

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequencies (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150~5250	-27	68.3
5250~5350	-27	68.3
5470~5725	-27	68.3
5725~5825	-27	68.3
	-17	78.3

NOTE: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength：

$E=\frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

4.2.2 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Antenna	Schwarbeck	VULB9160	9160-3232	May.25.2013	Apr. 25, 2014
2	Amplifier	HP	8447D	2944A09673	May.04.2013	Apr. 25, 2014
3	Test Receiver	R&S	ESCI	100382	May.04.2013	Apr. 25, 2014
4	Test Cable	N/A	C-01_CB03	N/A	Jul.01.2012	Jun.30.2013
5	Antenna	ETS	3115	00075789	May.25.2013	Apr. 25, 2014
6	Amplifier	Agilent	8449B	3008A02274	May.04.2013	Apr. 25, 2014
7	Spectrum	Agilent	E4408B	US39240143	Nov.24.2012	Nov. 16.2013
8	Test Cable	HUBER+SUHNER	C-45	N/A	May.02.2013	Apr. 30, 2014
9	Controller	CT	SC100	N/A	N/A	N/A
10	Horn Antenna	EMCO	3115	9605-4803	May.04.2013	Apr. 25, 2014
11	Active Loop Antenna	R&S	HFH2-Z2	830749/020	May.04.2013	Apr. 25, 2014
12	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Oct.13.2012	Oct.12.2013

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

4.2.3 TEST PROCEDURE

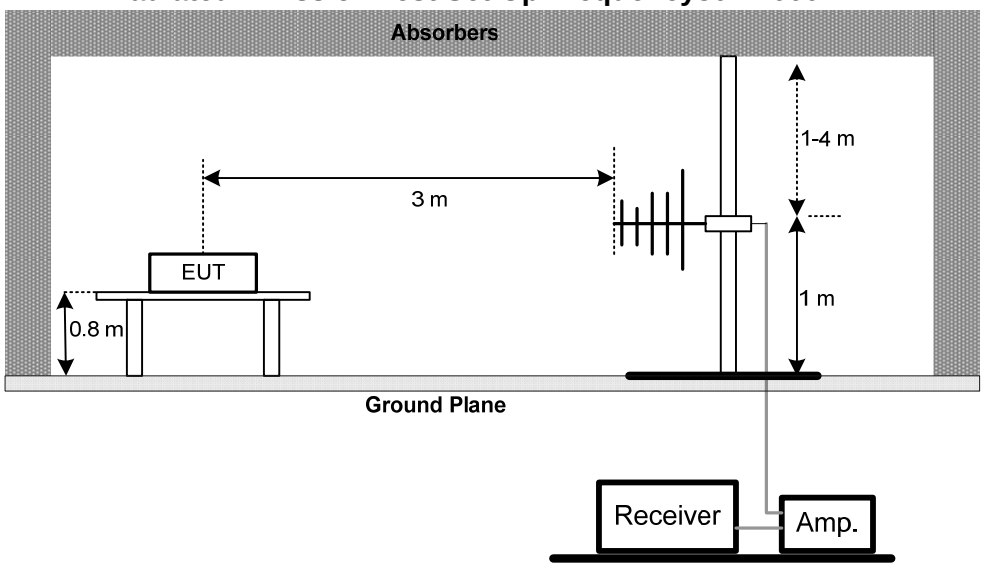
a. The measuring distance of at 1.5m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.4 DEVIATION FROM TEST STANDARD

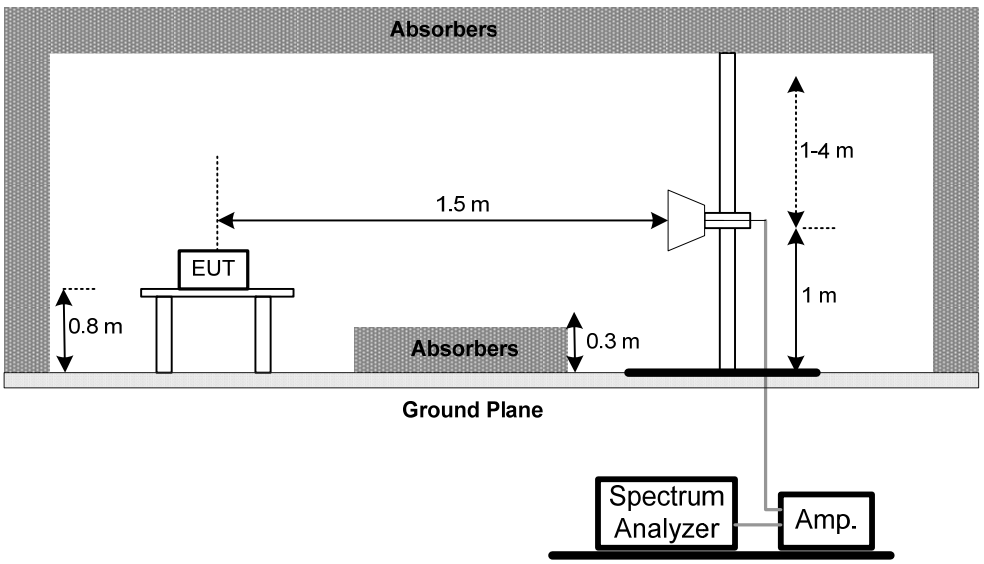
No deviation

4.2.5 TEST SETUP

Radiated Emission Test Set-Up Frequency30 - 1000MHz



Radiated Emission Test Set-Up Frequency Above 1 GHz



4.2.6 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **4.1.6** Unless otherwise a special operating condition is specified in the follows during the testing.

4.2.7 TEST RESULTS-BETWEEN 30MHZ - 1000MHZ

Remark：

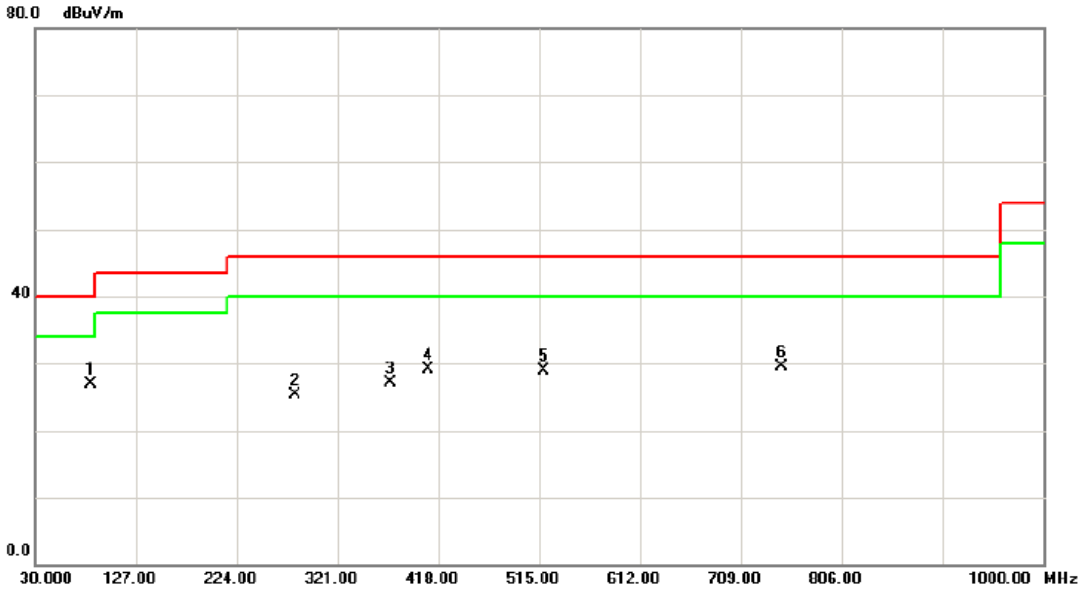
(1) Reading in which marked as QP or Peak means measurements by using are Quasi-Peak Mode or Peak Mode with Detector BW=120KHz；SPA setting in RBW=120KHz, VBW =120KHz, Swp. Time = 0.3 sec./MHz。

(2) All readings are Peak unless otherwise stated QP in column of『Note』. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform。

(3) Measuring frequency range from 30MHz to 1000MHz。

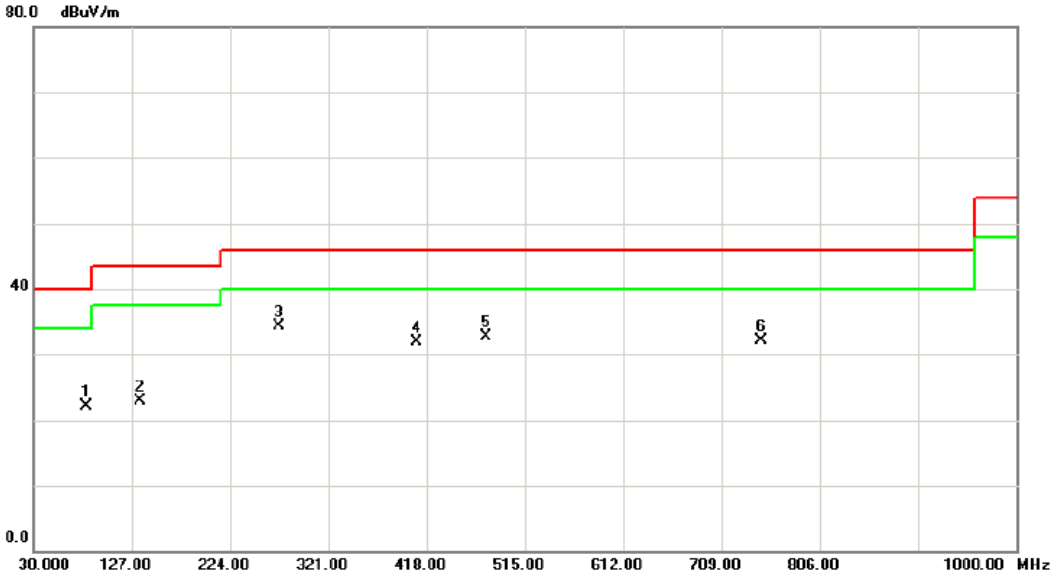
(4) If the peak scan value lower limit more than 20dB, then this signal data does not show in table。

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5180MHz	Phase:	Vertical



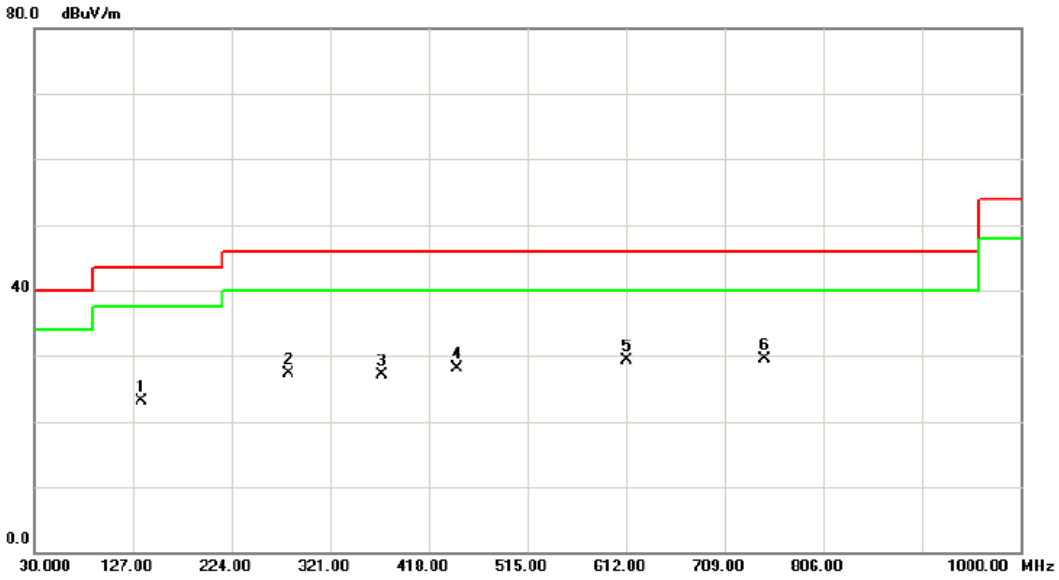
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	83.3500	46.19	-19.26	26.93	40.00	-13.07	peak	
2		280.2600	38.42	-13.16	25.26	46.00	-20.74	peak	
3		371.4400	37.92	-10.78	27.14	46.00	-18.86	peak	
4		408.3000	38.74	-9.67	29.07	46.00	-16.93	peak	
5		519.8500	36.51	-7.68	28.83	46.00	-17.17	peak	
6		747.8000	33.81	-4.26	29.55	46.00	-16.45	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5180MHz	Phase:	Horizontal



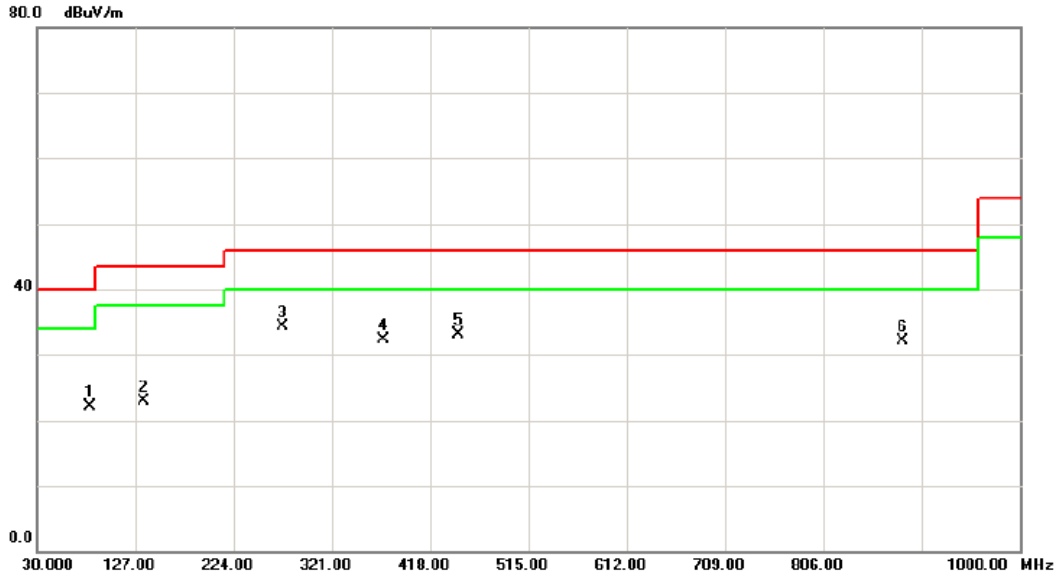
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		82.3800	41.30	-19.25	22.05	40.00	-17.95	peak	
2		135.7300	40.99	-18.15	22.84	43.50	-20.66	peak	
3	*	272.5000	48.04	-13.66	34.38	46.00	-11.62	peak	
4		408.3000	41.61	-9.67	31.94	46.00	-14.06	peak	
5		476.2000	41.34	-8.68	32.66	46.00	-13.34	peak	
6		747.8000	36.27	-4.26	32.01	46.00	-13.99	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5200MHz	Phase:	Vertical



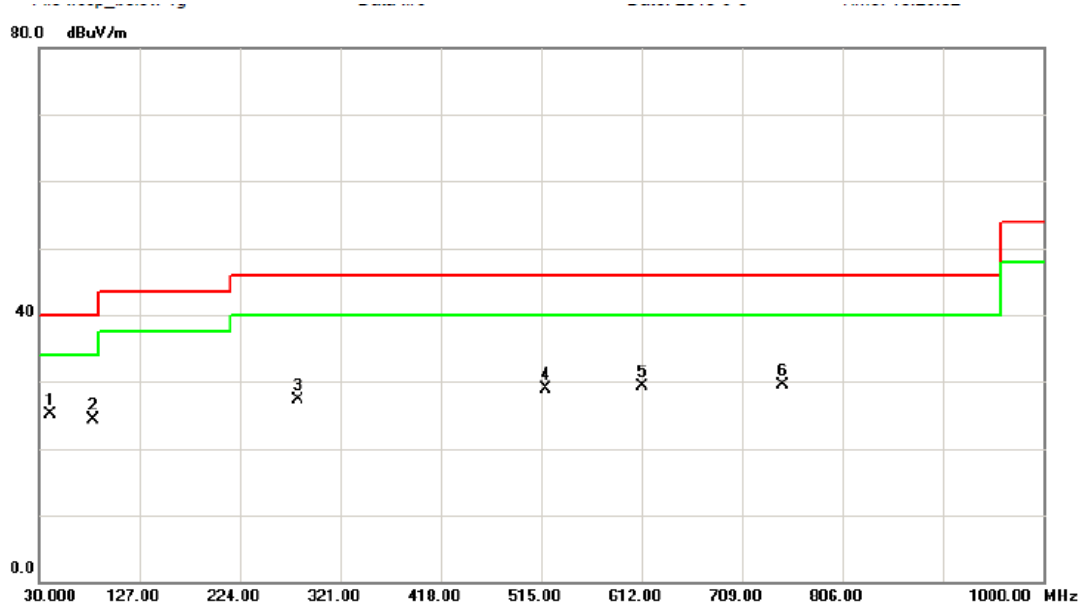
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		135.7300	41.21	-18.15	23.06	43.50	-20.44	peak	
2		280.2600	40.42	-13.16	27.26	46.00	-18.74	peak	
3		371.4400	37.92	-10.78	27.14	46.00	-18.86	peak	
4		445.1600	37.23	-9.09	28.14	46.00	-17.86	peak	
5		612.0000	34.59	-5.29	29.30	46.00	-16.70	peak	
6	*	747.8000	33.81	-4.26	29.55	46.00	-16.45	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5200MHz	Phase:	Horizontal



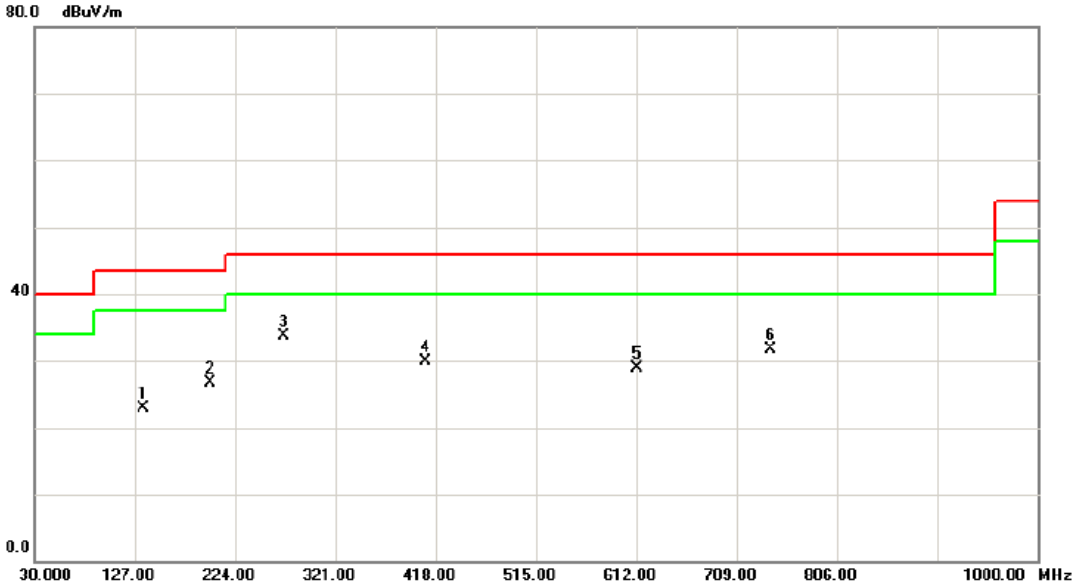
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		82.3800	41.30	-19.25	22.05	40.00	-17.95	peak	
2		135.7300	40.99	-18.15	22.84	43.50	-20.66	peak	
3	*	272.5000	48.04	-13.66	34.38	46.00	-11.62	peak	
4		371.4400	42.99	-10.78	32.21	46.00	-13.79	peak	
5		445.1600	42.16	-9.09	33.07	46.00	-12.93	peak	
6		883.6000	34.27	-2.18	32.09	46.00	-13.91	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5240MHz	Phase:	Vertical



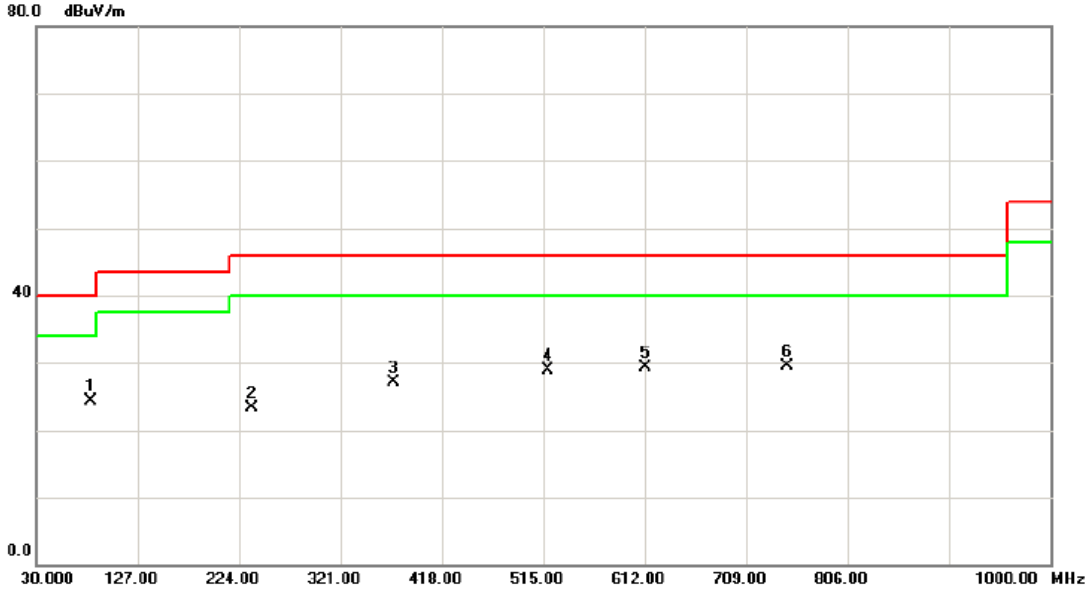
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	40.6700	41.95	-16.83	25.12	40.00	-14.88	peak	
2		82.3800	43.60	-19.25	24.35	40.00	-15.65	peak	
3		280.2600	40.42	-13.16	27.26	46.00	-18.74	peak	
4		519.8500	36.51	-7.68	28.83	46.00	-17.17	peak	
5		612.0000	34.59	-5.29	29.30	46.00	-16.70	peak	
6		747.8000	33.81	-4.26	29.55	46.00	-16.45	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5240MHz	Phase:	Horizontal



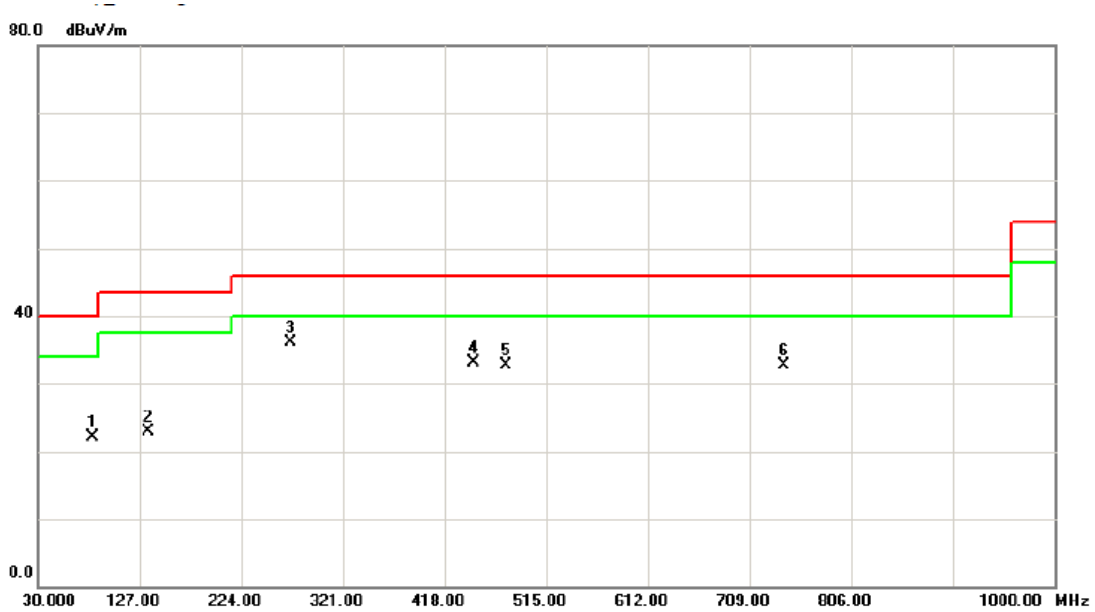
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		135.7300	40.99	-18.15	22.84	43.50	-20.66	peak	
2		199.7500	43.66	-16.93	26.73	43.50	-16.77	peak	
3	*	271.5300	47.41	-13.72	33.69	46.00	-12.31	peak	
4		408.3000	39.61	-9.67	29.94	46.00	-16.06	peak	
5		612.0000	34.15	-5.29	28.86	46.00	-17.14	peak	
6		741.9800	36.08	-4.31	31.77	46.00	-14.23	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5260MHz	Phase:	Vertical



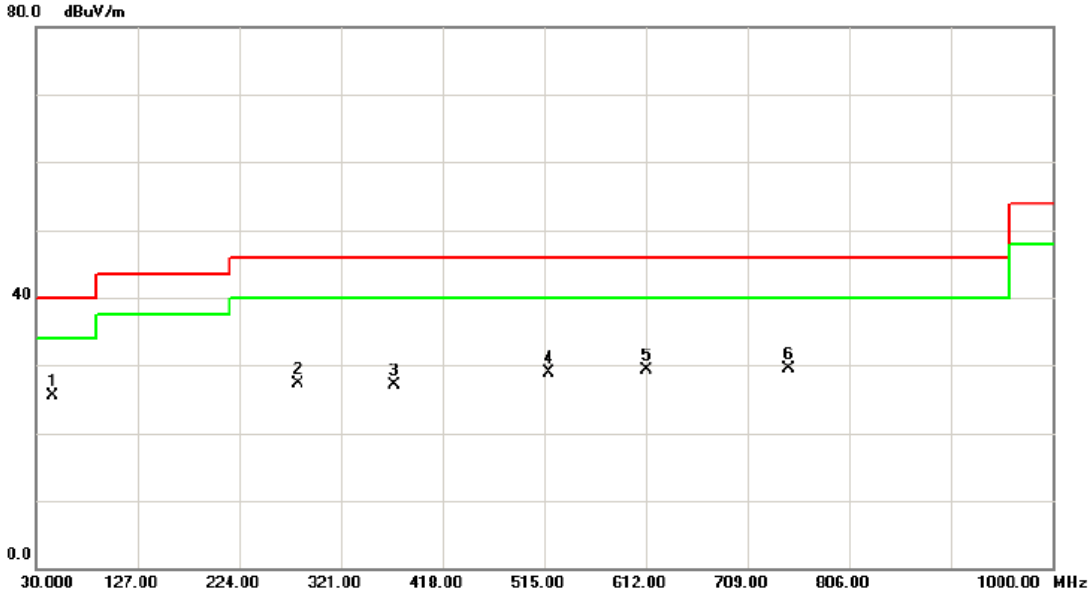
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	82.3800	43.60	-19.25	24.35	40.00	-15.65	peak	
2		236.6100	39.06	-15.82	23.24	46.00	-22.76	peak	
3		371.4400	37.92	-10.78	27.14	46.00	-18.86	peak	
4		519.8500	36.51	-7.68	28.83	46.00	-17.17	peak	
5		612.0000	34.59	-5.29	29.30	46.00	-16.70	peak	
6		747.8000	33.81	-4.26	29.55	46.00	-16.45	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5260MHz	Phase:	Horizontal



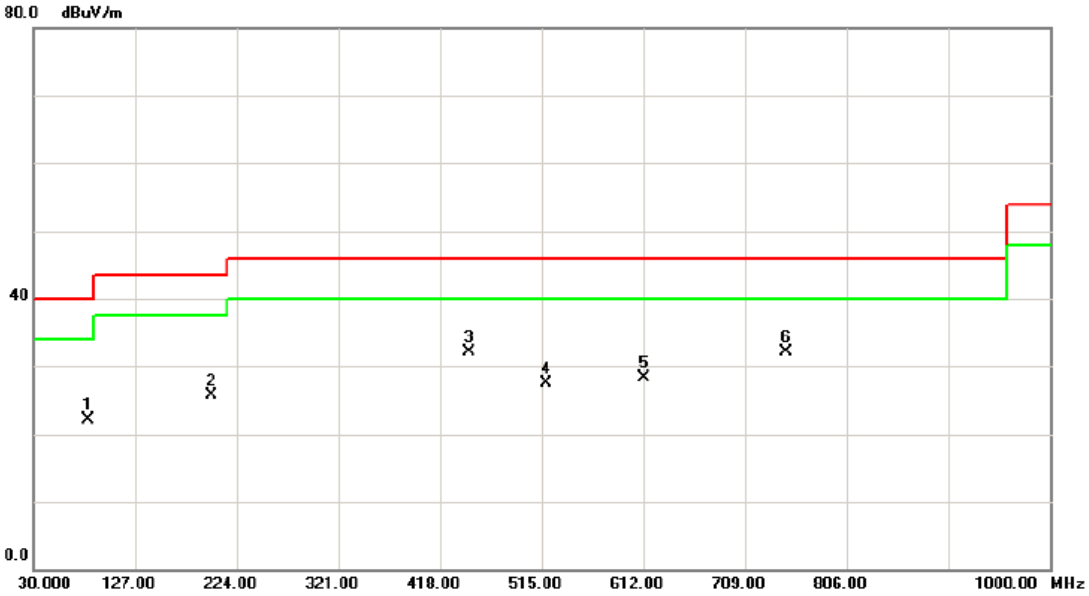
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		82.3800	41.30	-19.25	22.05	40.00	-17.95	peak	
2		135.7300	40.99	-18.15	22.84	43.50	-20.66	peak	
3	*	271.5300	49.91	-13.72	36.19	46.00	-9.81	peak	
4		445.1600	42.16	-9.09	33.07	46.00	-12.93	peak	
5		476.2000	41.34	-8.68	32.66	46.00	-13.34	peak	
6		741.9800	37.08	-4.31	32.77	46.00	-13.23	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5300MHz	Phase:	Vertical



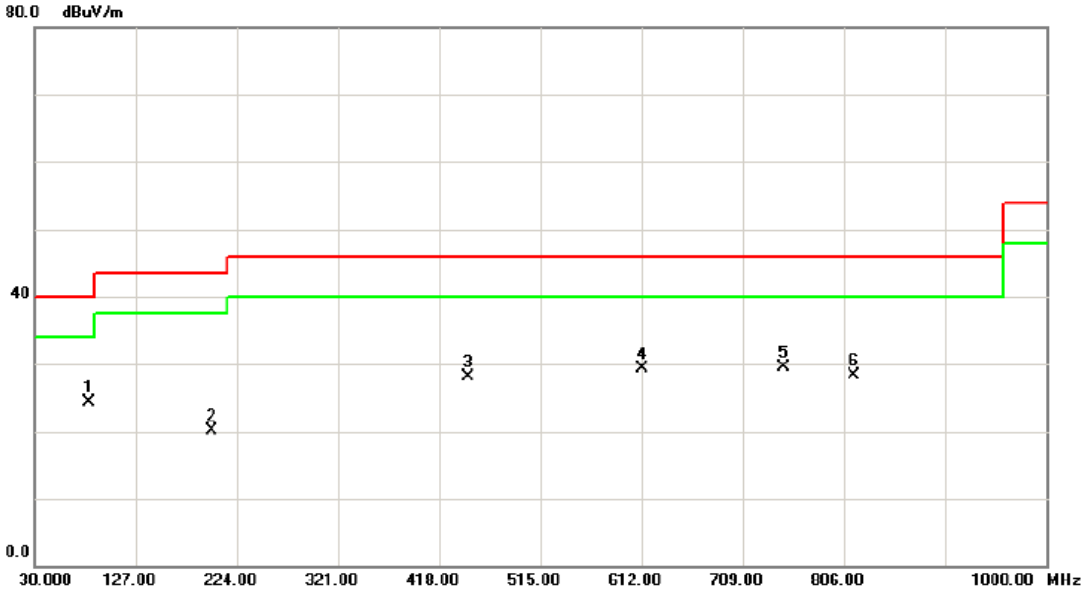
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	46.4900	42.73	-17.20	25.53	40.00	-14.47	peak	
2		280.2600	40.42	-13.16	27.26	46.00	-18.74	peak	
3		371.4400	37.92	-10.78	27.14	46.00	-18.86	peak	
4		519.8500	36.51	-7.68	28.83	46.00	-17.17	peak	
5		612.0000	34.59	-5.29	29.30	46.00	-16.70	peak	
6		747.8000	33.81	-4.26	29.55	46.00	-16.45	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5300MHz	Phase:	Horizontal



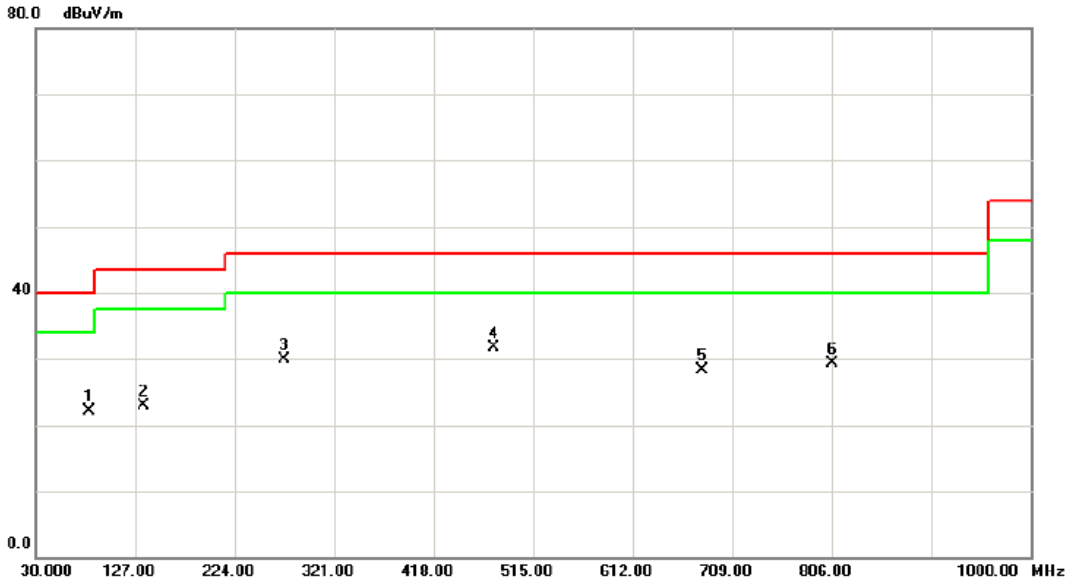
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		82.3800	41.30	-19.25	22.05	40.00	-17.95	peak	
2		199.7500	42.66	-16.93	25.73	43.50	-17.77	peak	
3	*	445.1600	41.16	-9.09	32.07	46.00	-13.93	peak	
4		519.8500	35.22	-7.68	27.54	46.00	-18.46	peak	
5		612.0000	33.65	-5.29	28.36	46.00	-17.64	peak	
6		747.8000	36.27	-4.26	32.01	46.00	-13.99	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5320MHz	Phase:	Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	82.3800	43.60	-19.25	24.35	40.00	-15.65	peak	
2		199.7500	37.01	-16.93	20.08	43.50	-23.42	peak	
3		445.1600	37.23	-9.09	28.14	46.00	-17.86	peak	
4		612.0000	34.59	-5.29	29.30	46.00	-16.70	peak	
5		747.8000	33.81	-4.26	29.55	46.00	-16.45	peak	
6		815.7000	31.61	-3.34	28.27	46.00	-17.73	peak	

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25℃	Relative Humidity：	58 %
Pressure：	1010 hPa	Test Voltage ：	DC 3.7V
Test Mode ：	TX A Mode 5320MHz	Phase:	Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		82.3800	41.30	-19.25	22.05	40.00	-17.95	peak	
2		135.7300	40.99	-18.15	22.84	43.50	-20.66	peak	
3		272.5000	43.54	-13.66	29.88	46.00	-16.12	peak	
4	*	476.2000	40.34	-8.68	31.66	46.00	-14.34	peak	
5		679.9000	33.02	-4.67	28.35	46.00	-17.65	peak	
6		806.0000	32.77	-3.53	29.24	46.00	-16.76	peak	

4.2.8 TEST RESULTS - ABOVE 1000MHZ

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX A Mode 5180MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	16.75	8.91	40.09	56.84	49.00	-47.93	-55.77	68.30	54.00	-27.00	-41.30	X/E
5184.50	V	62.24	54.48	40.15	102.39	94.63	-2.38	-10.14					X/F
10359.88	V	36.60	24.72	13.73	50.33	38.45	-54.44	-66.32	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

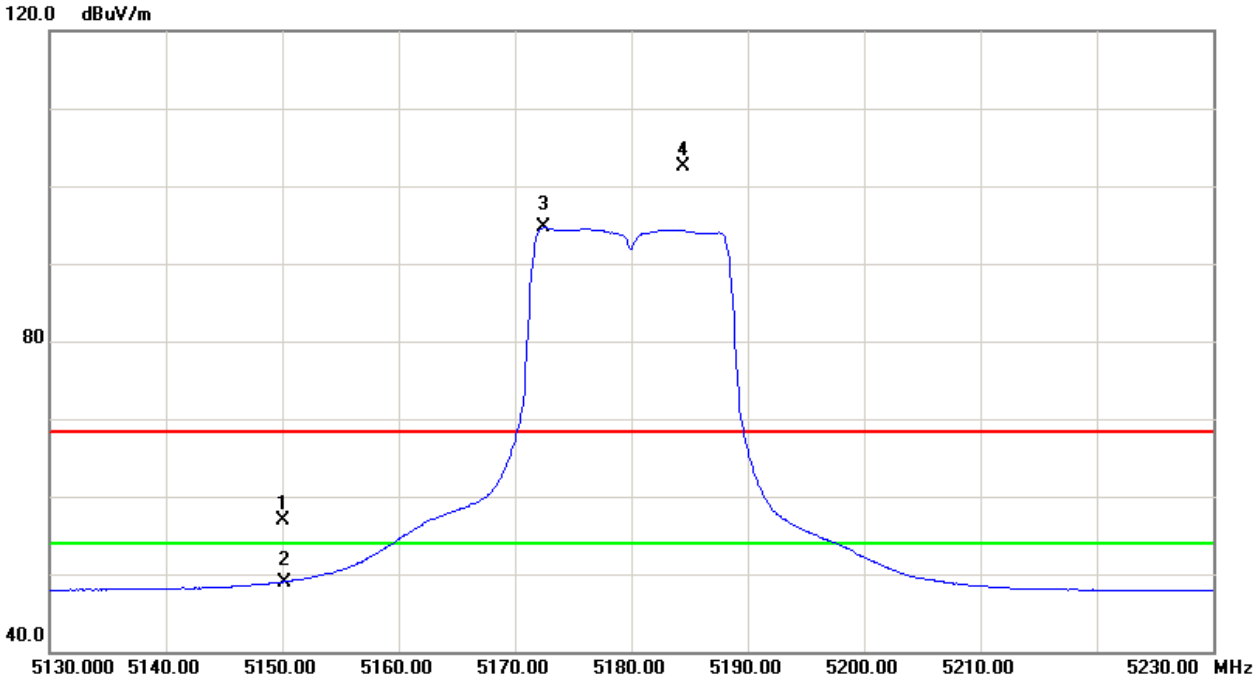
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

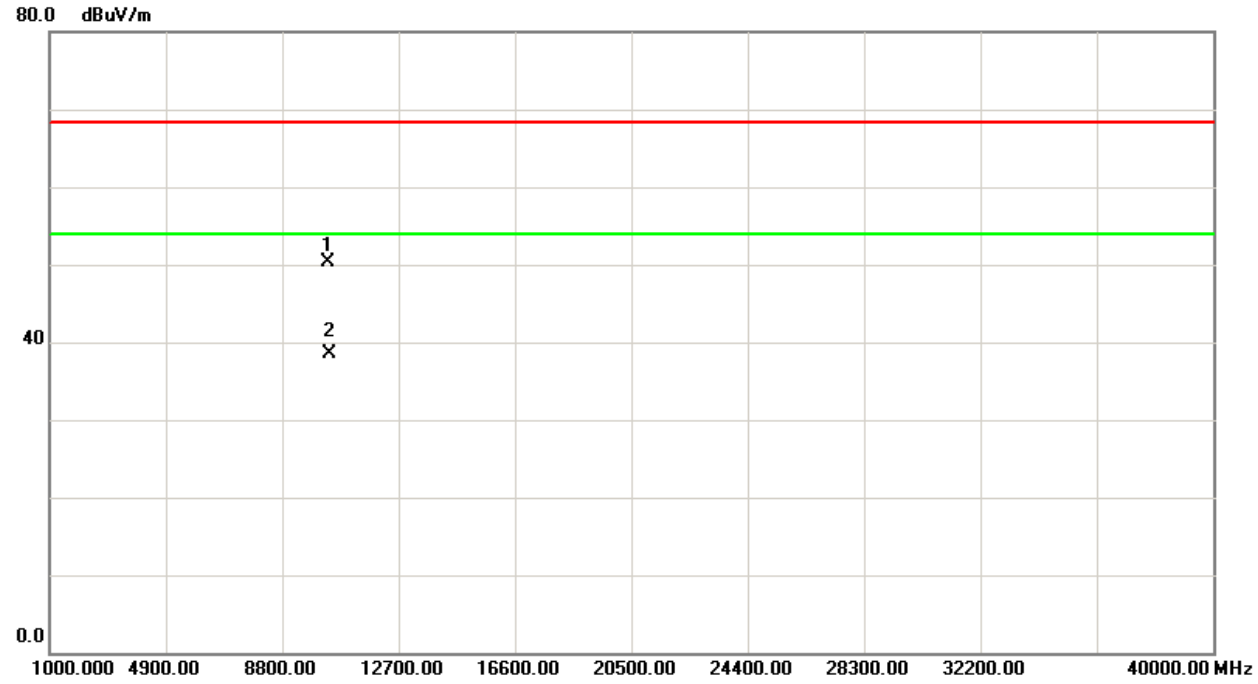
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX A Mode 5180MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	H	16.11	7.86	40.09	56.20	47.95	-48.57	-56.82	68.30	54.00	-27.00	-41.30	X/E
5183.80	H	57.02	48.93	40.16	97.18	89.09	-7.59	-15.68					X/F
10360.02	H	36.53	24.19	13.73	50.26	37.92	-54.51	-66.85	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

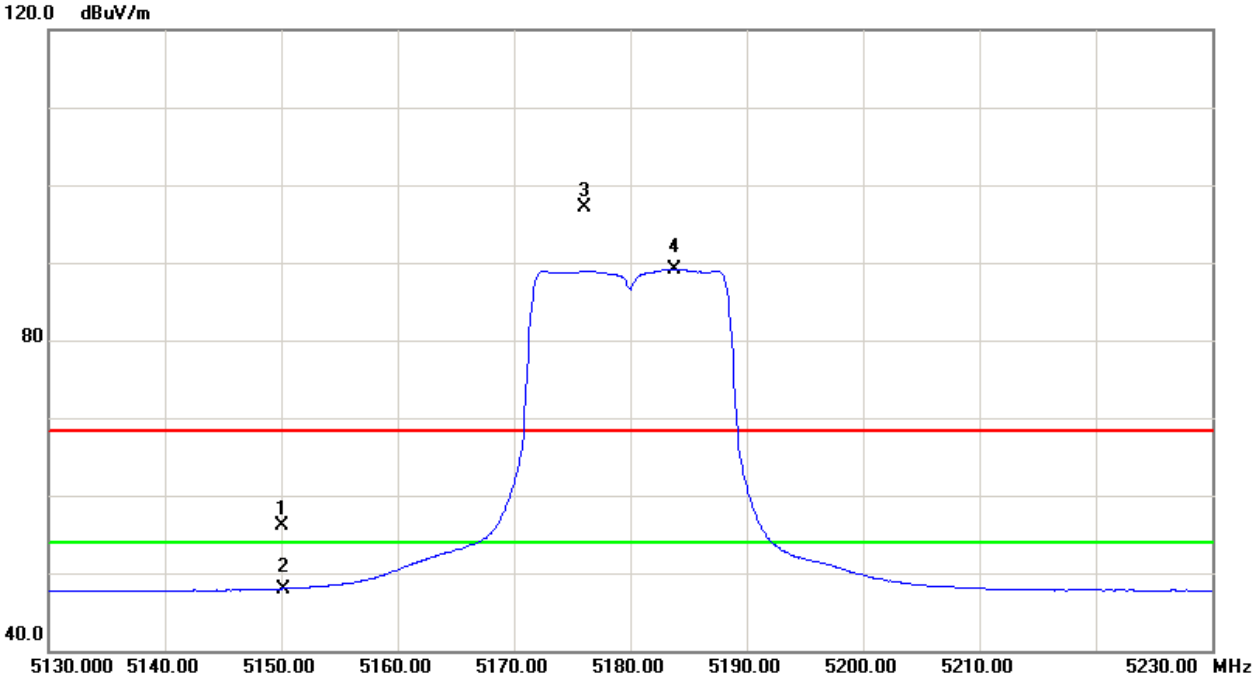
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

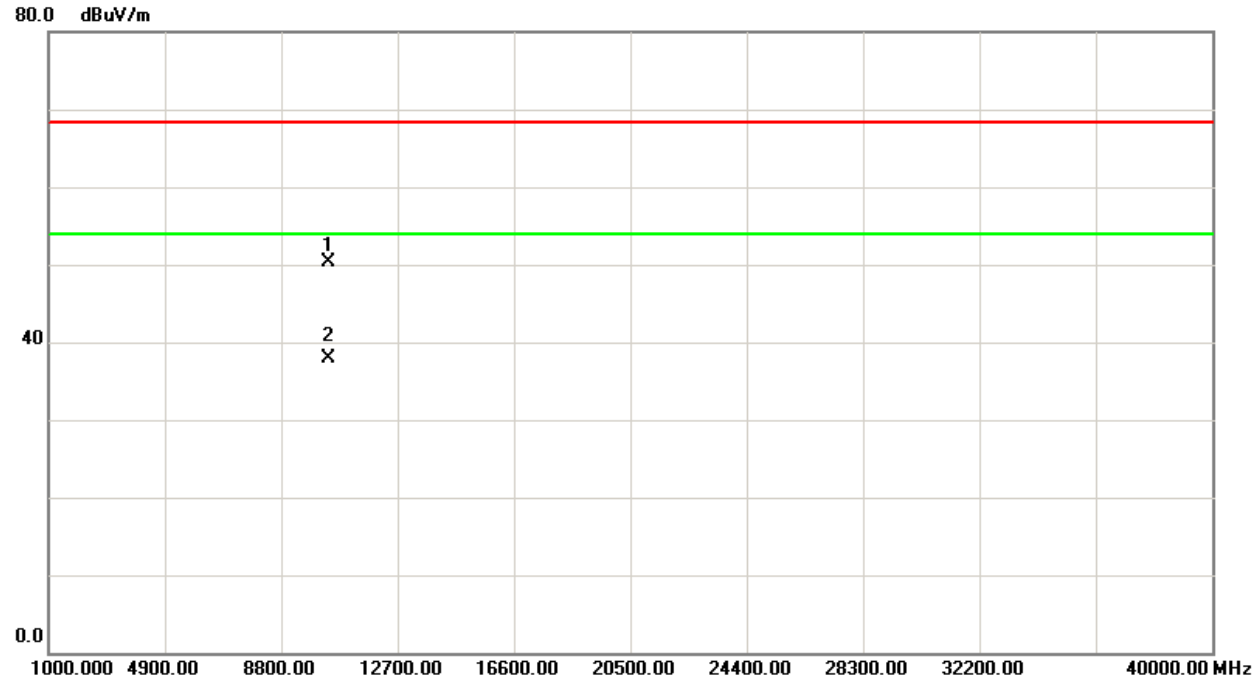
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX A Mode 5200MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5198.32	V	62.64	54.21	40.22	102.86	94.43	-1.91	-10.34					X/F
10400.02	V	36.89	24.72	13.78	50.67	38.50	-54.10	-66.27	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

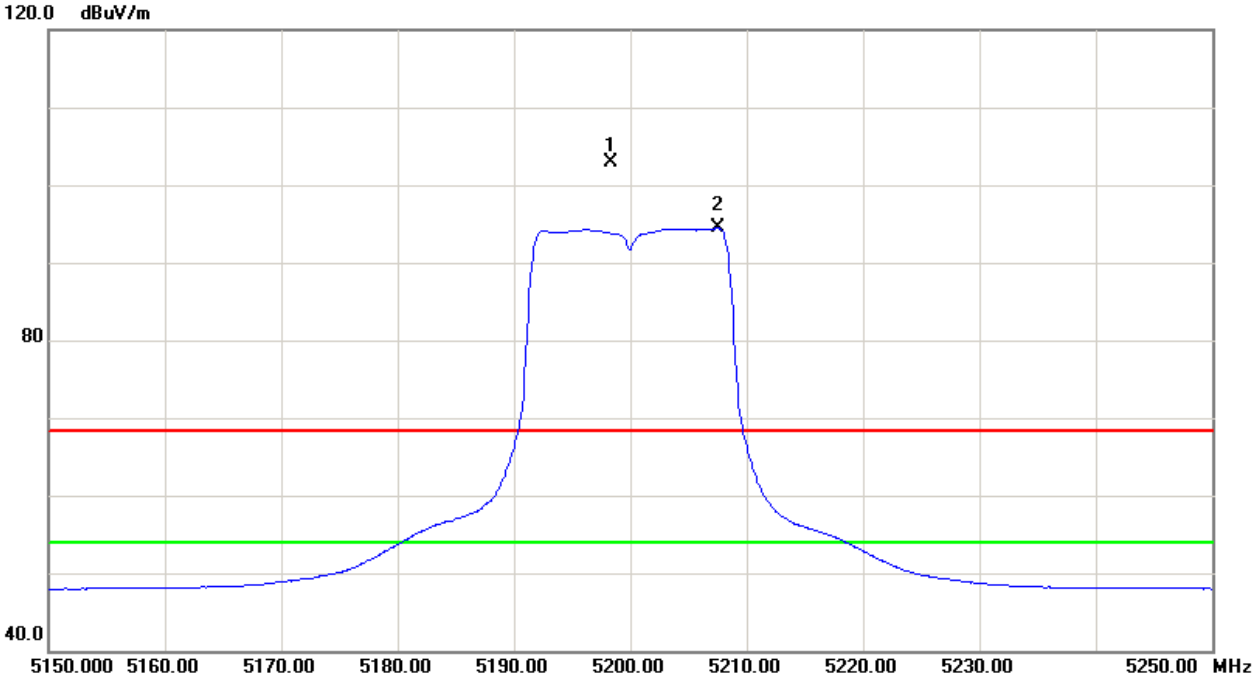
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

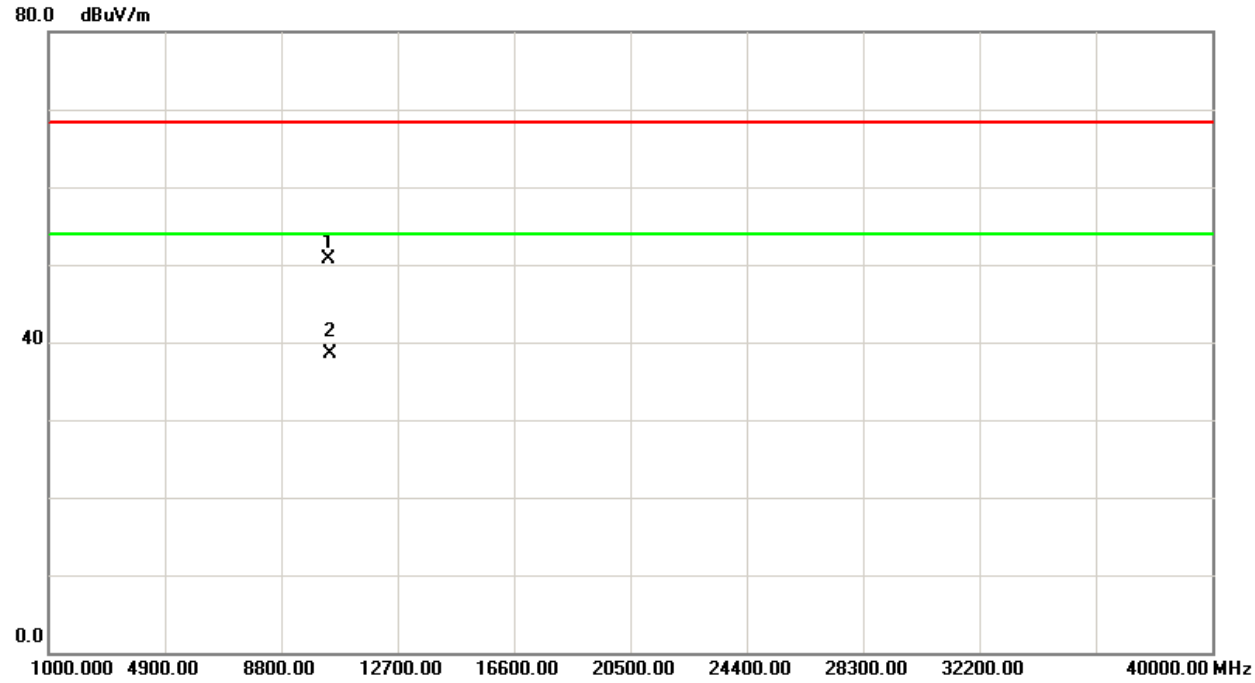
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX A Mode 5200MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5203.20	H	56.42	48.51	40.23	96.65	88.74	-8.12	-16.03					X/F
10400.45	H	37.86	24.81	13.78	51.64	38.59	-53.13	-66.18	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

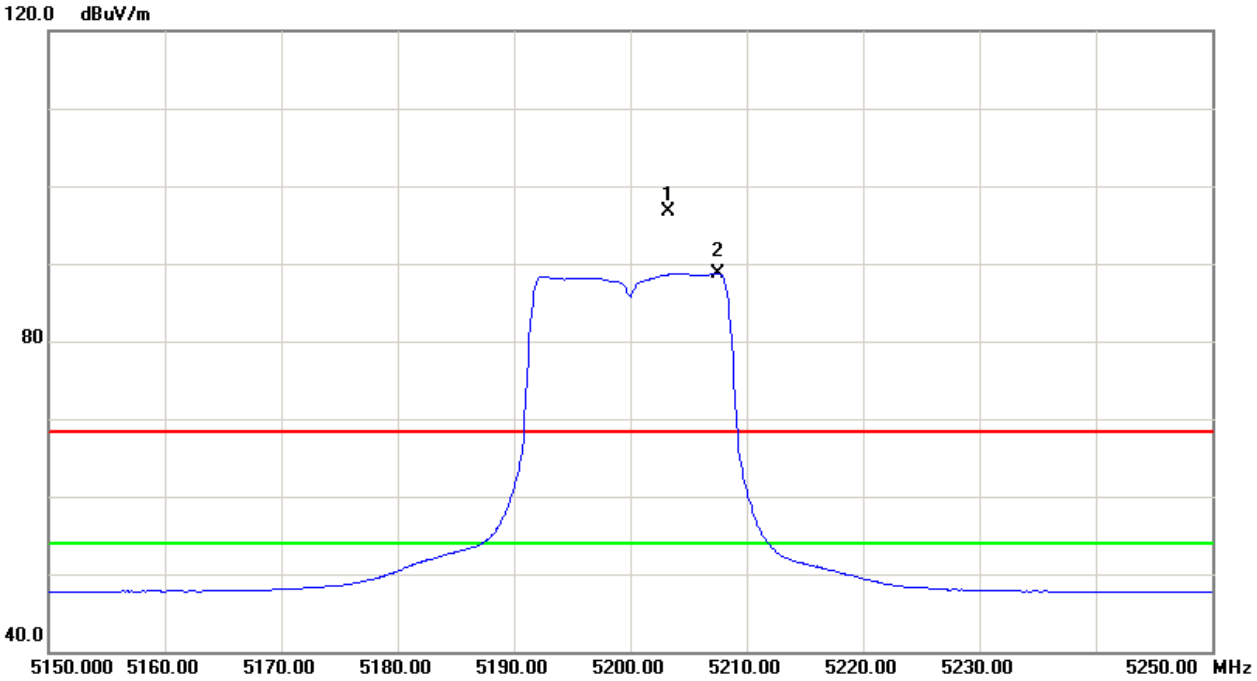
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

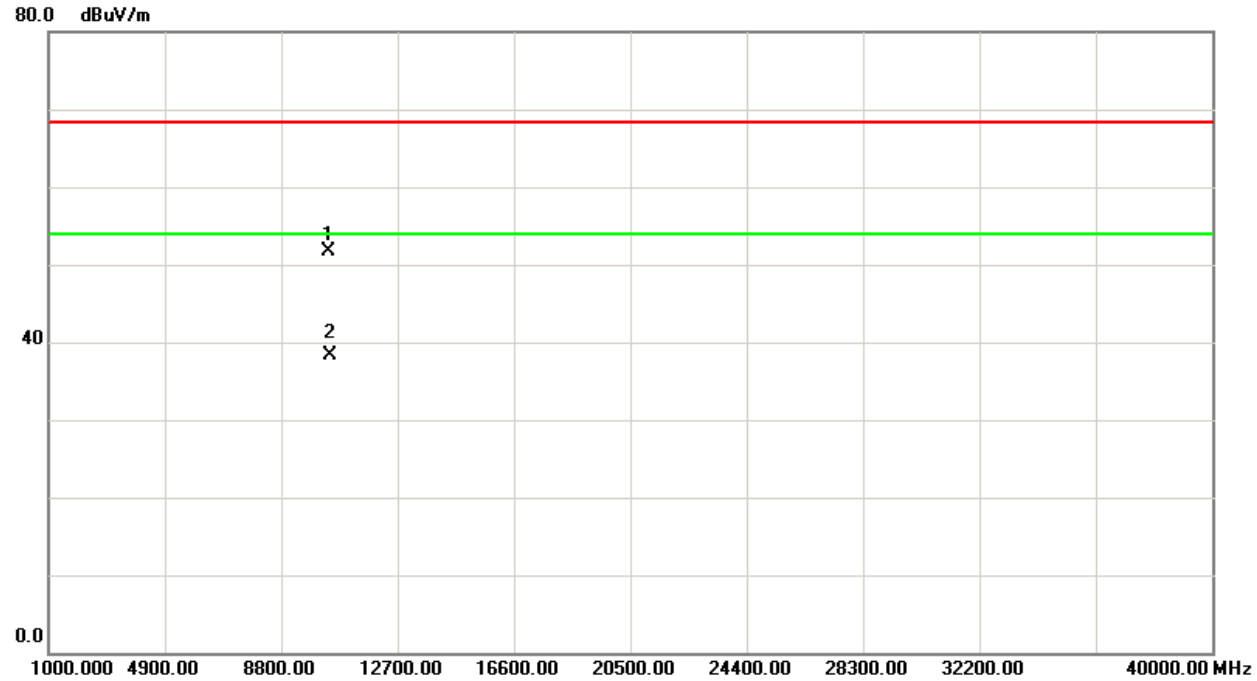
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX A Mode 5240MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5245.45	V	62.02	53.95	40.34	102.36	94.29	-2.41	-10.48					X/F
10480.03	V	8.00	24.65	13.87	21.87	38.52	-82.90	-66.25	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

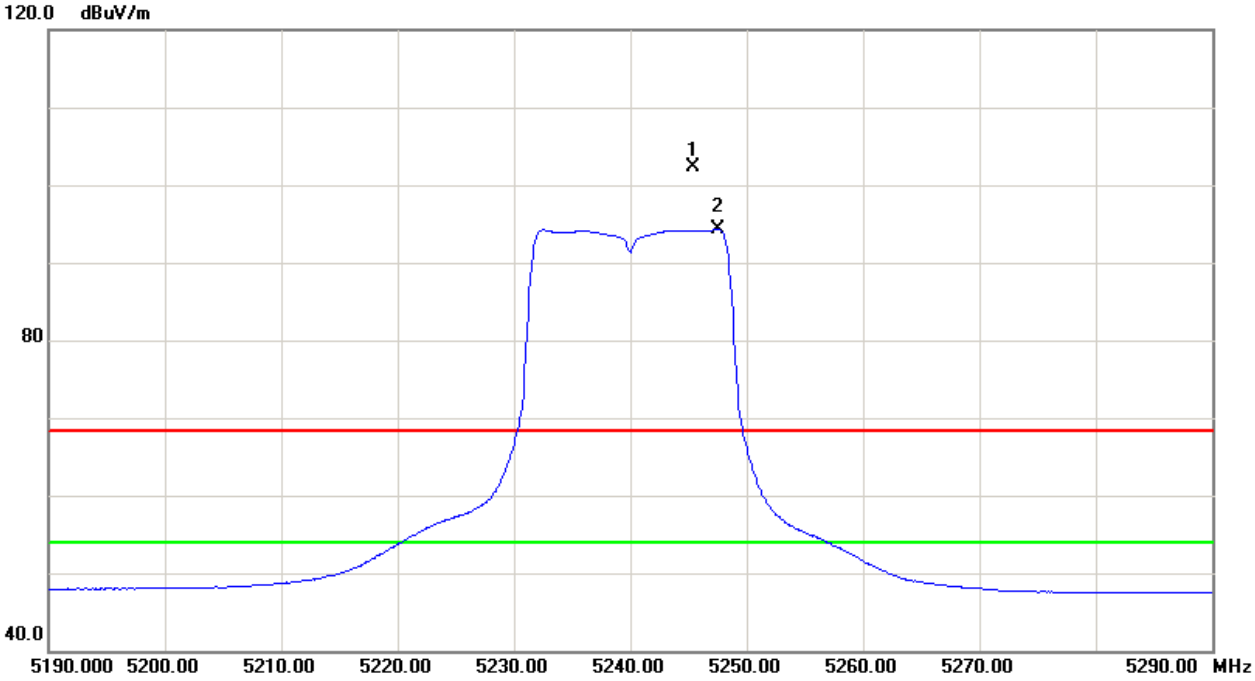
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

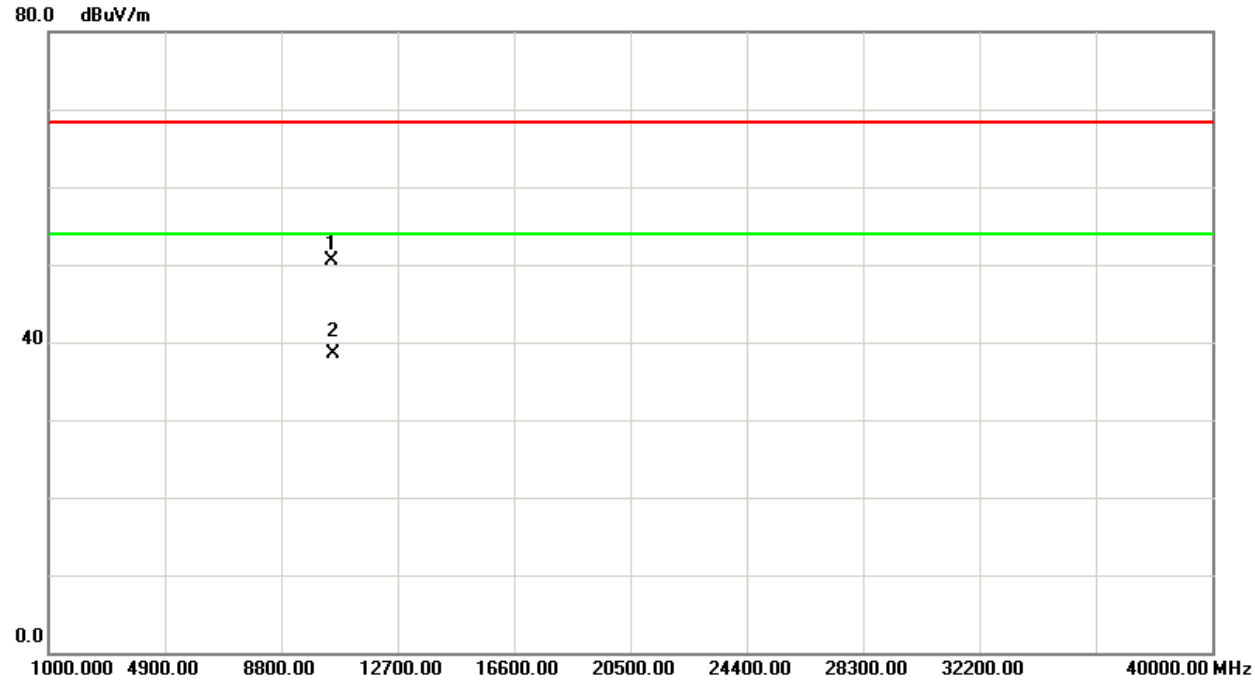
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX A Mode 5240MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5234.75	H	55.24	48.08	40.31	95.55	88.39	-9.22	-16.38					X/F
10479.92	H	36.58	24.57	13.87	50.45	38.44	-54.32	-66.33	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

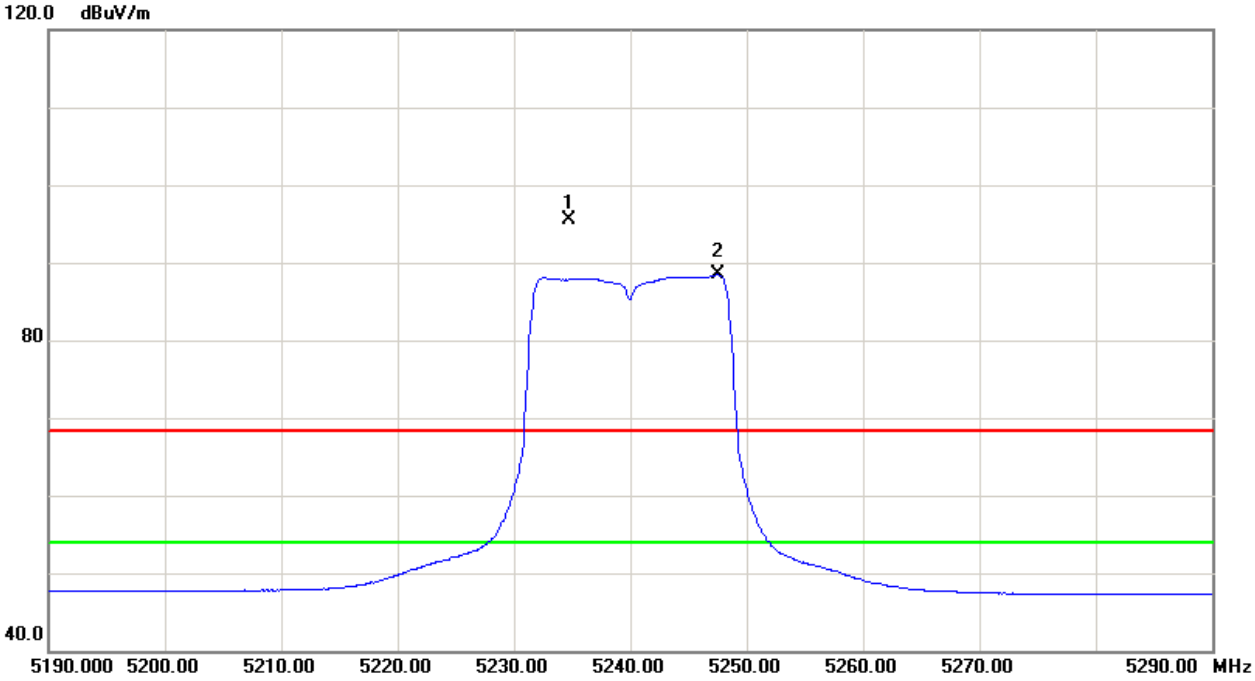
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

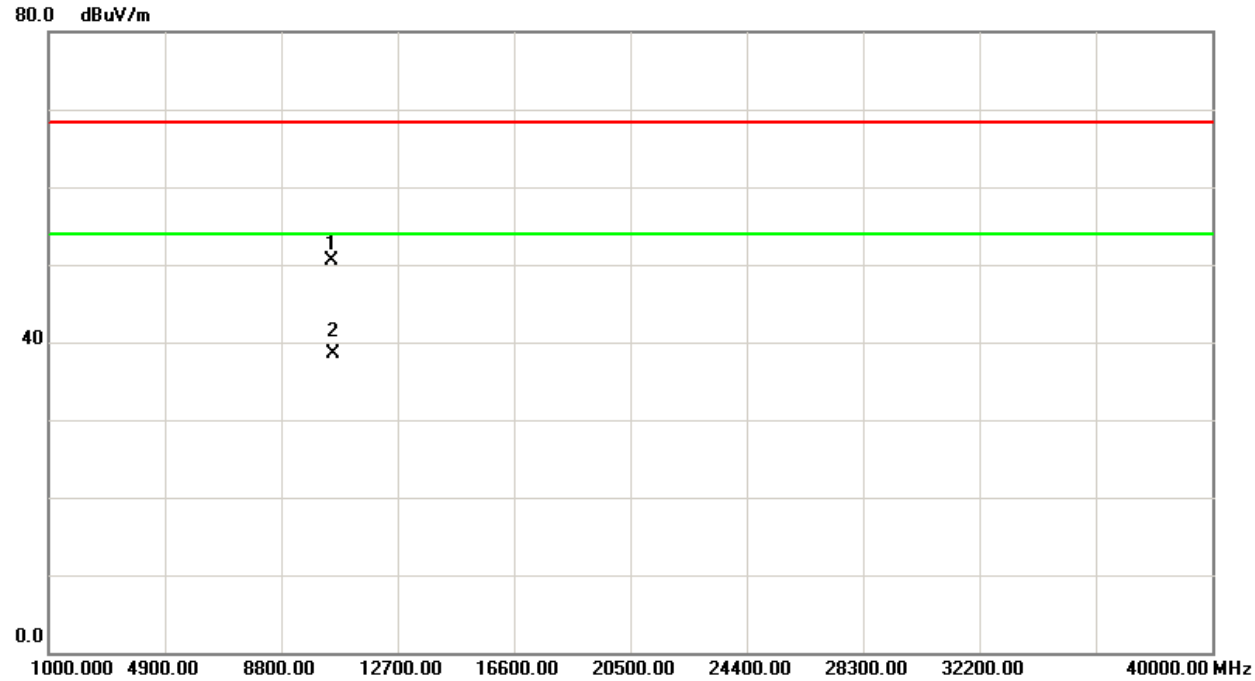
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX N20 Mode 5180MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	50.44	42.28	7.05	57.49	49.33	-47.28	-55.44	68.30	54.00	-27.00	-41.30	X/E
5179.23	V	95.35	87.30	7.91	103.26	95.21	-1.51	-9.56					X/F
10360.28	V	31.58	19.49	12.58	44.16	32.07	-60.61	-72.70	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

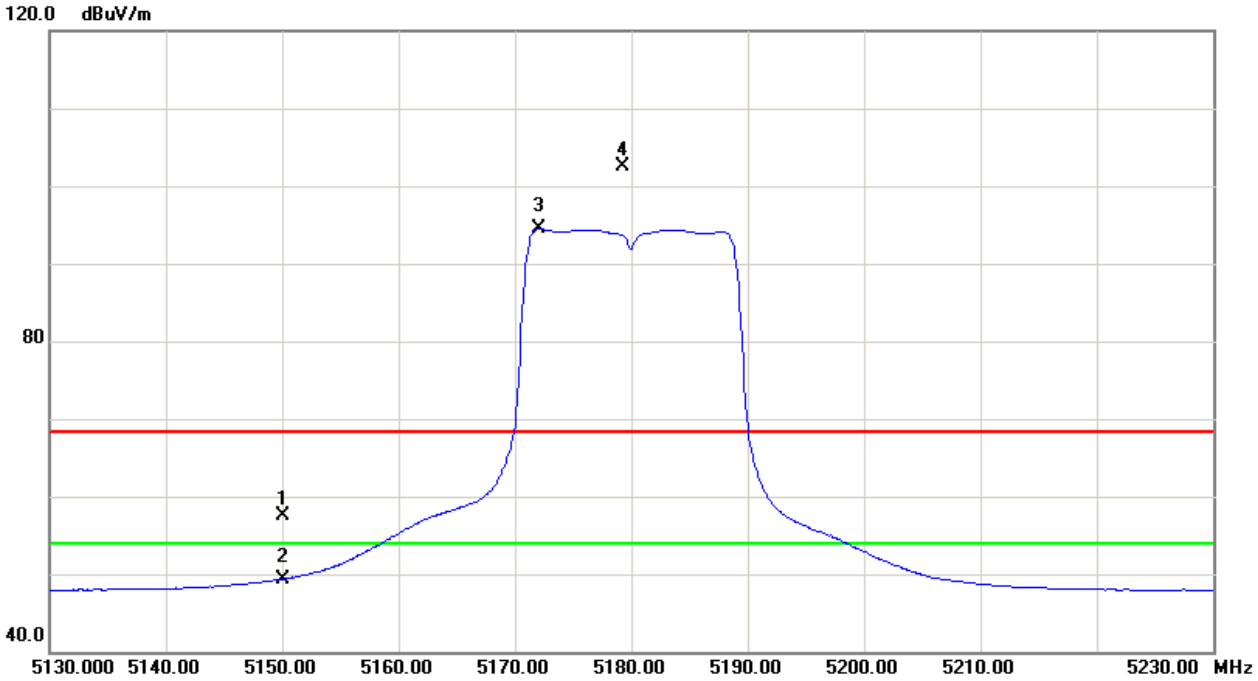
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

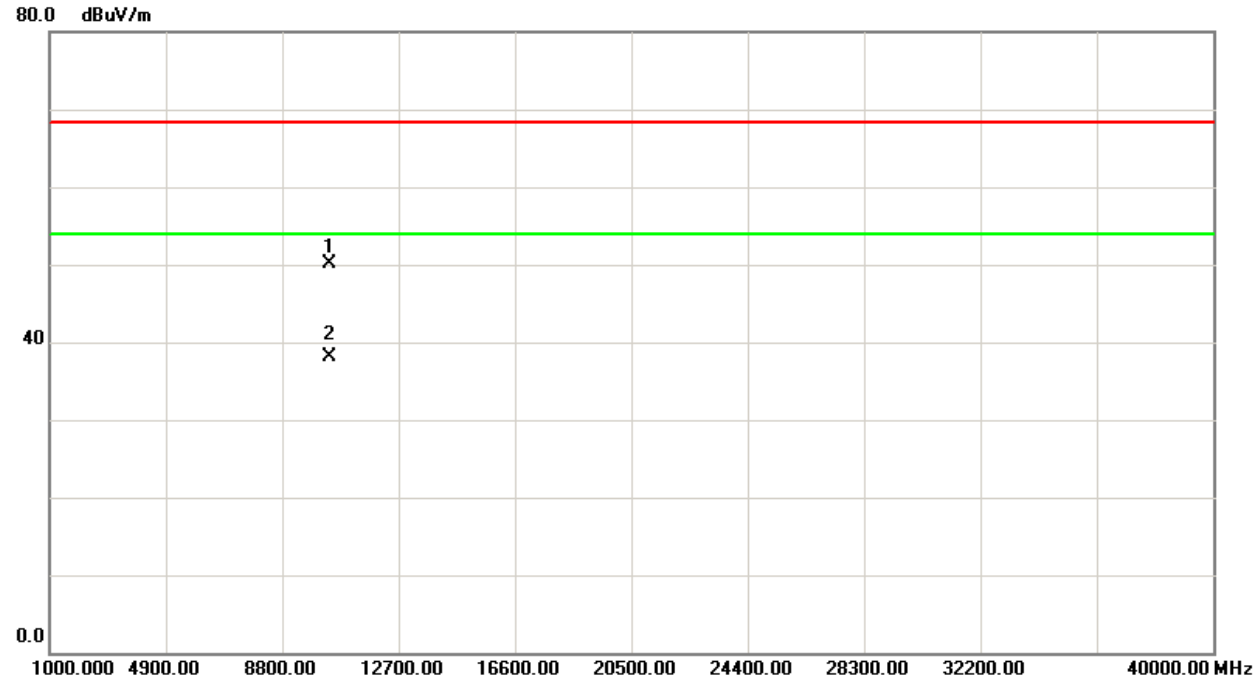
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX N20 Mode 5180MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	H	50.72	40.98	7.05	57.77	48.03	-47.00	-56.74	68.30	54.00	-27.00	-41.30	X/E
5173.70	H	89.62	80.65	7.19	96.81	87.84	-7.96	-16.93					X/F
10359.64	H	31.63	23.50	12.56	44.19	36.06	-60.58	-68.71	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

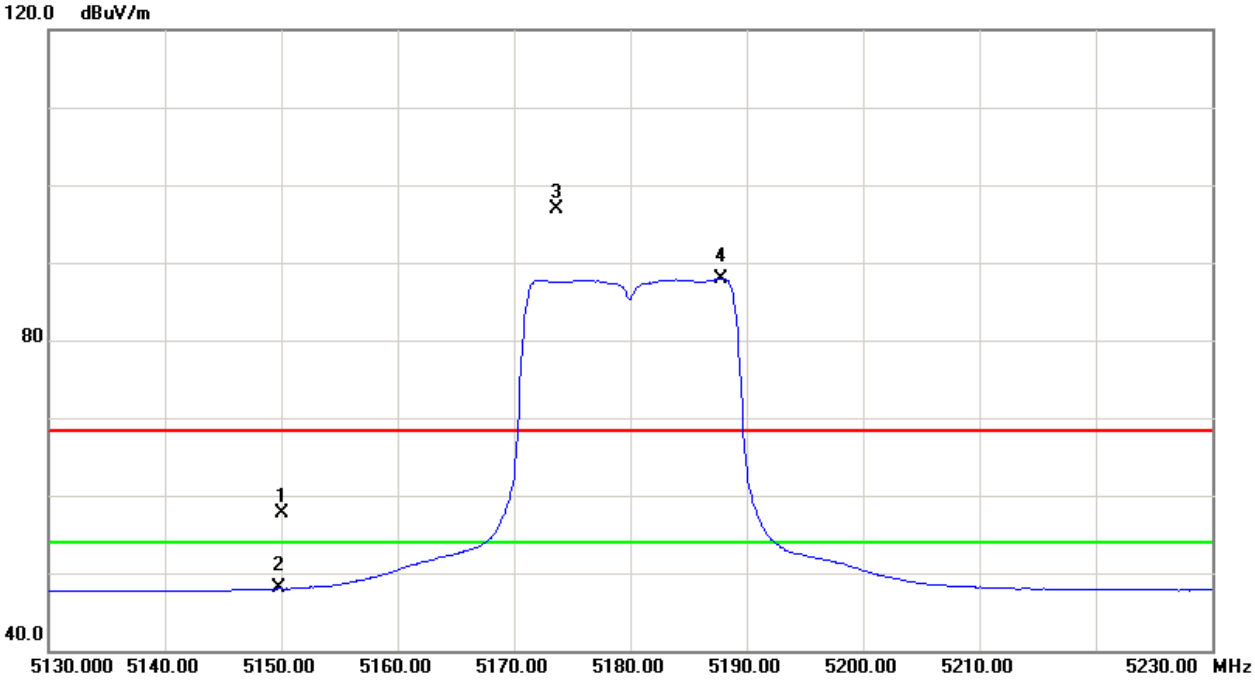
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

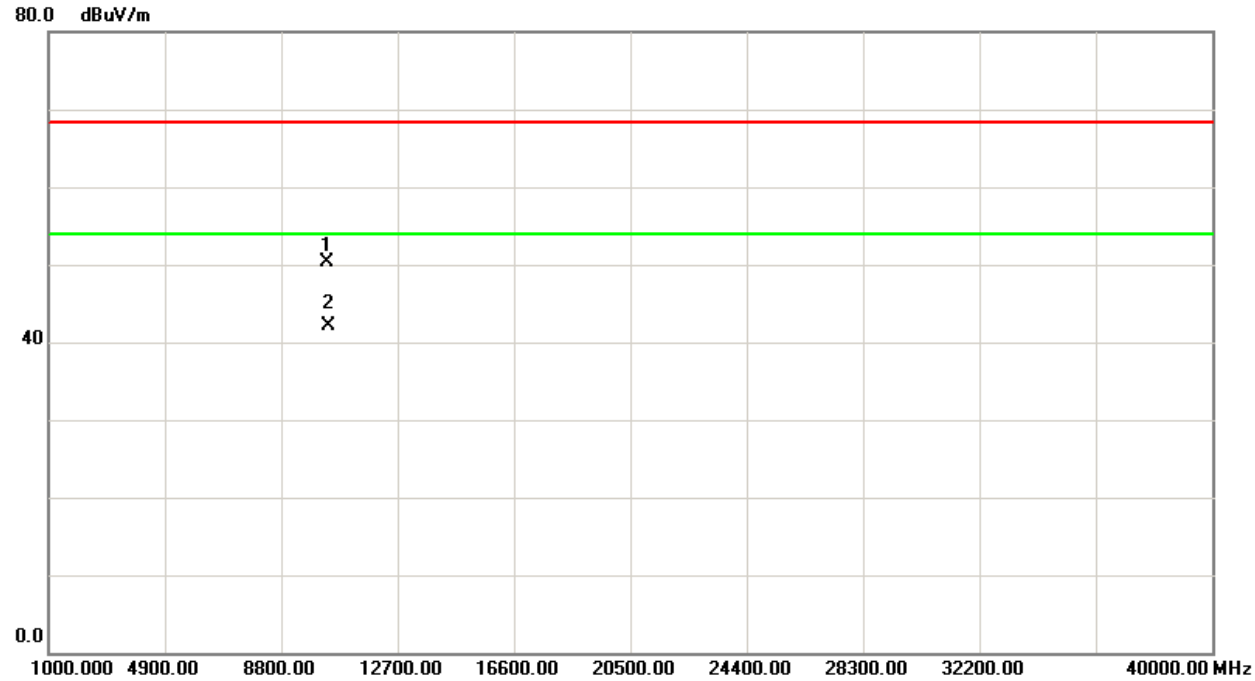
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH36(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX N20 Mode 5200MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5198.00	V	95.00	86.51	7.35	102.35	93.86	-2.42	-10.91					X/F
10400.26	V	31.60	19.55	12.58	44.18	32.13	-60.59	-72.64	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

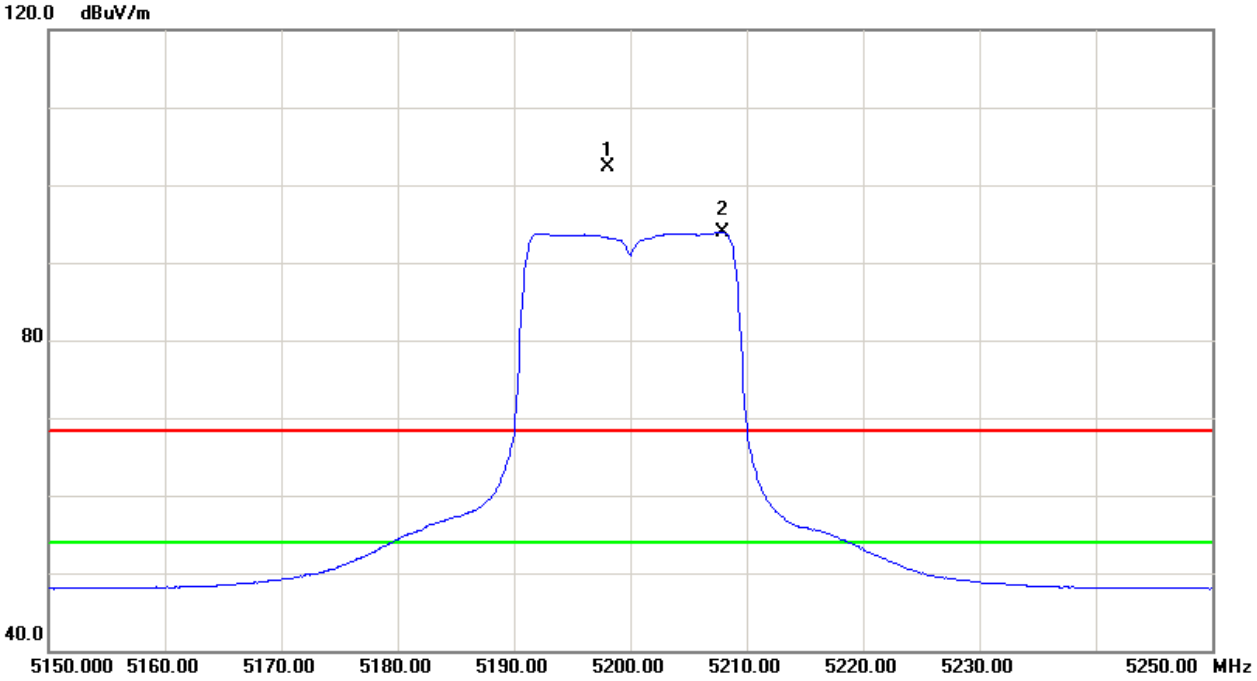
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

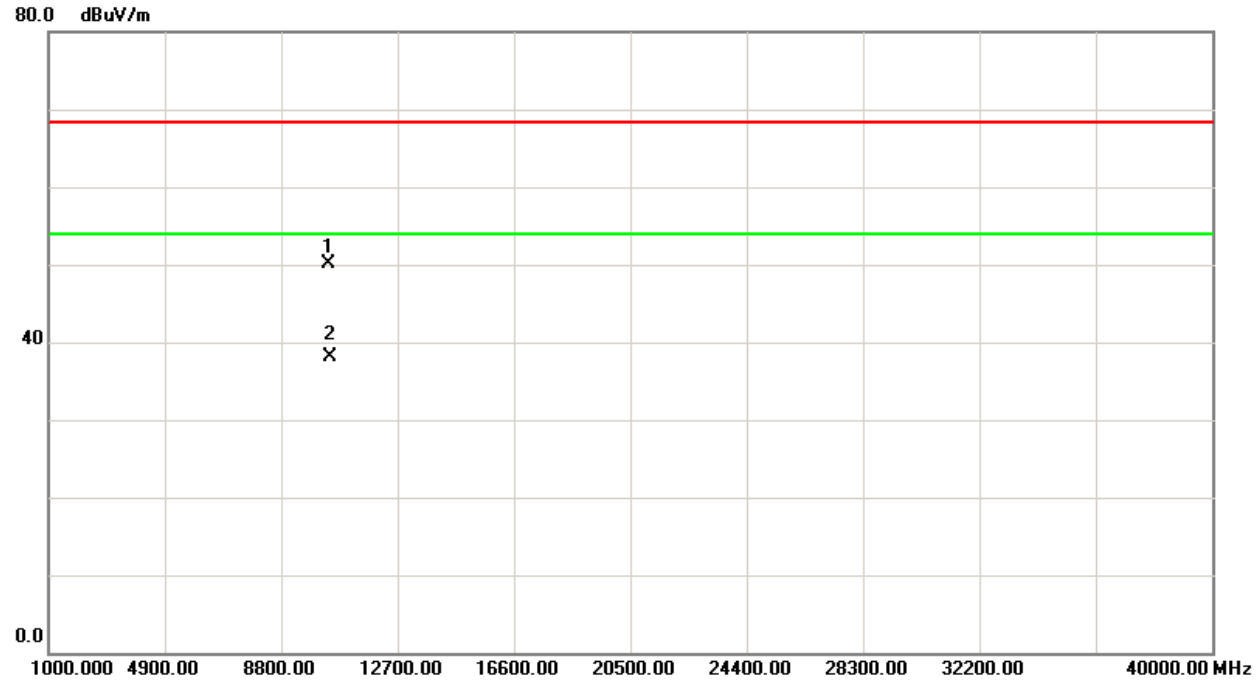
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/ TX N20 Mode 5200MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5204.00	H	90.28	81.07	7.39	97.67	88.46	-7.10	-16.31					X/F
10399.73	H	36.52	25.38	13.78	50.30	39.16	-54.47	-65.61	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

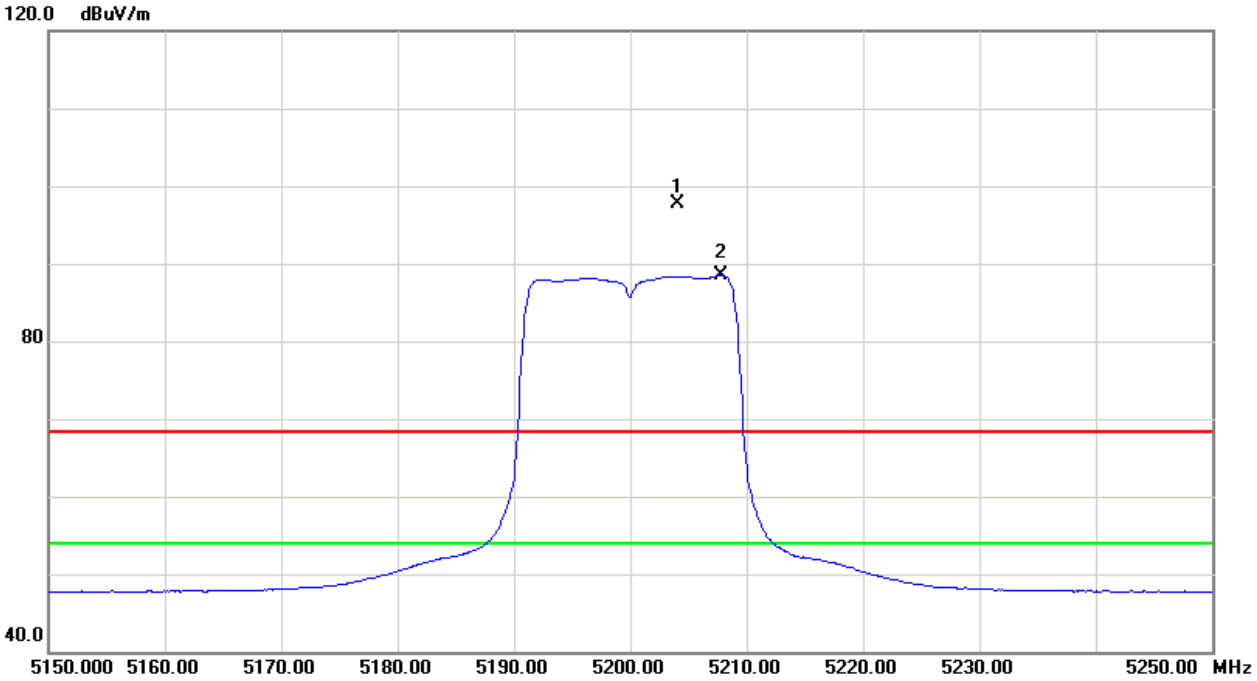
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

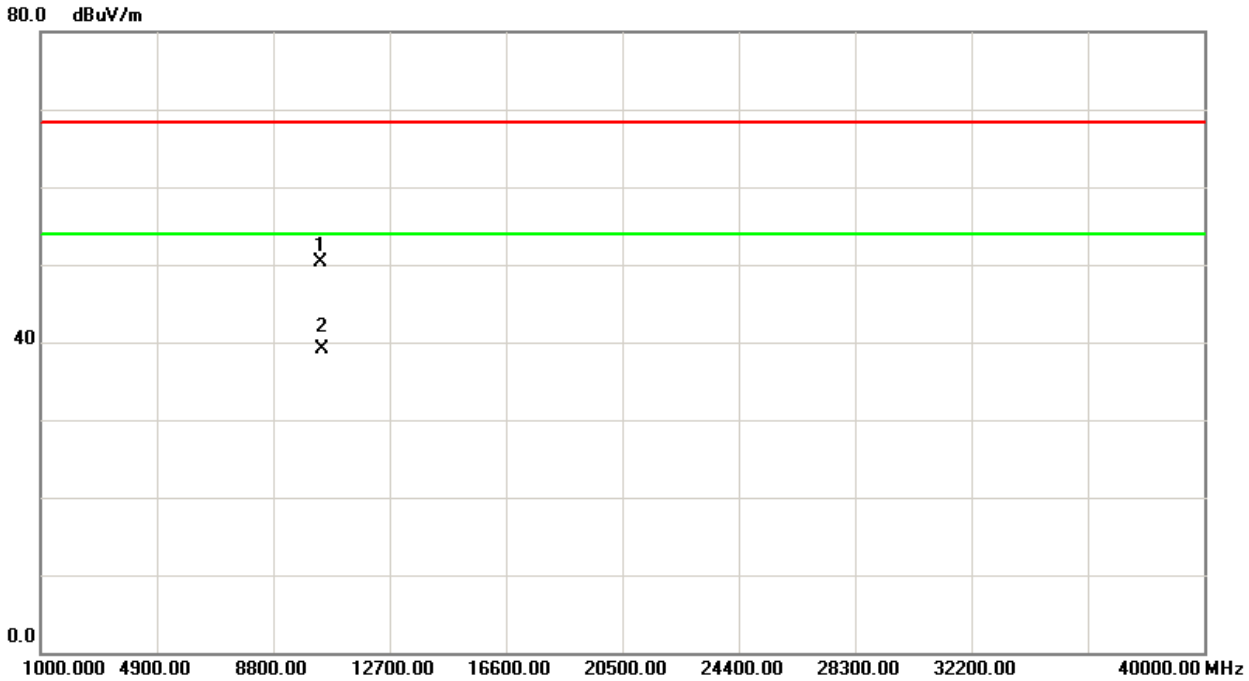
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH40(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX N20 Mode 5240MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5423.10	V	94.94	86.13	7.62	102.56	93.75	-2.21	-11.02					X/F
10480.32	V	36.46	24.37	13.87	50.33	38.24	-54.44	-66.53	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

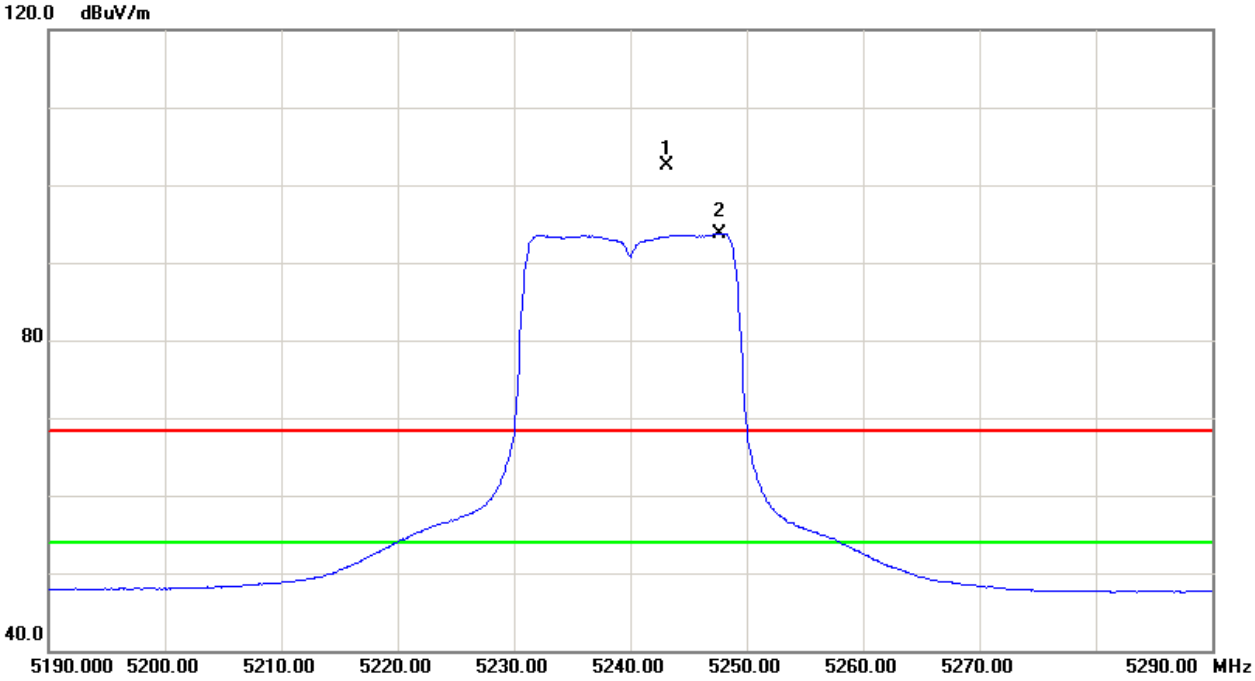
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

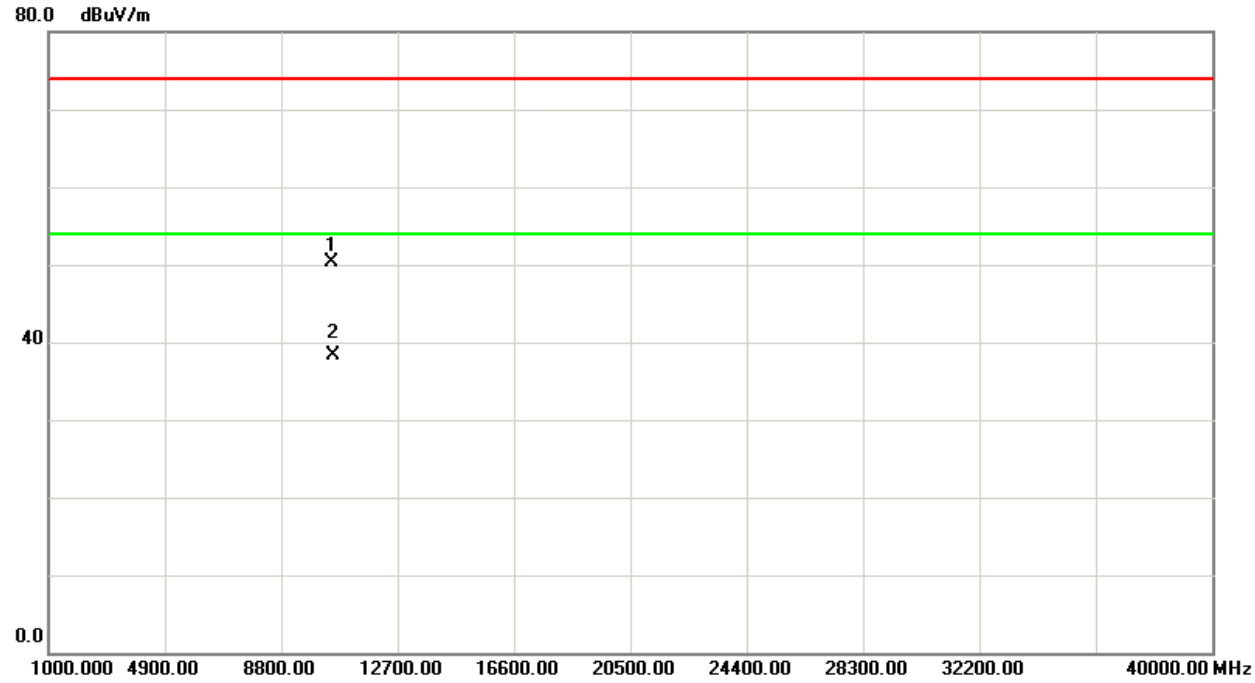
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX N20 Mode 5240MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5243.10	H	89.63	80.97	7.62	97.25	88.59	-7.52	-16.18					X/F
10480.66	H	38.52	26.39	13.87	52.39	40.26	-52.38	-64.51	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

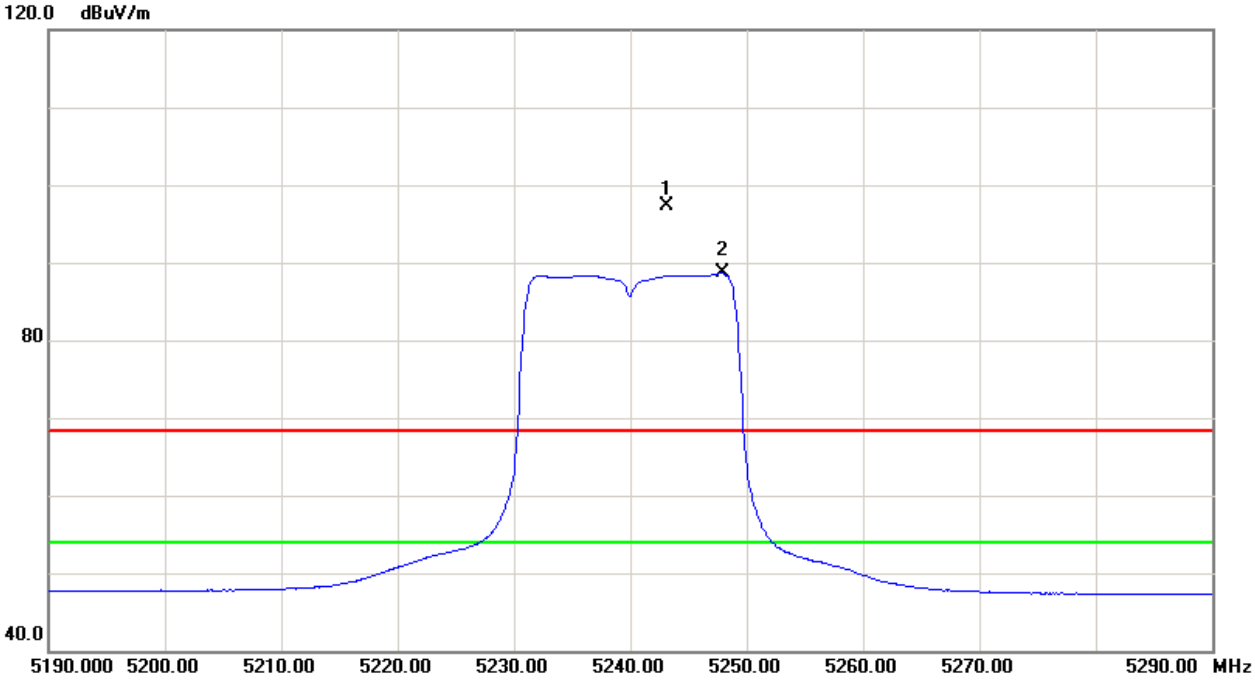
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

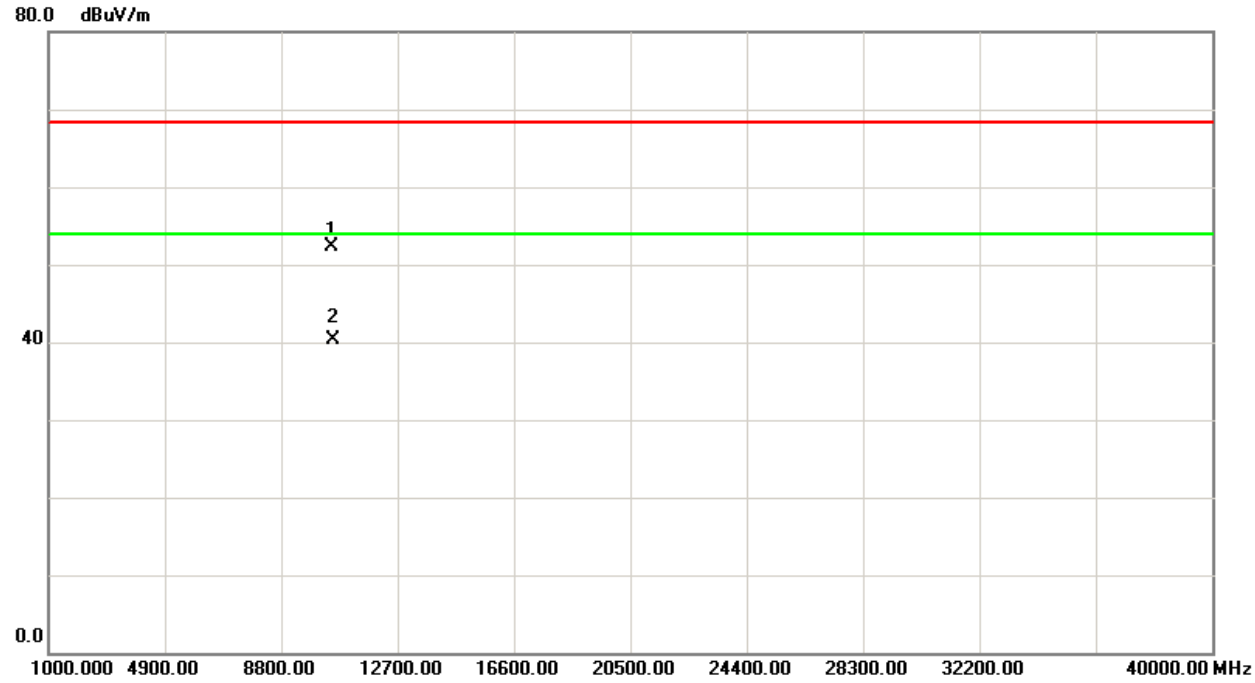
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH48(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX N40 Mode 5190MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
(MHz)	H/V	Peak (dBuV)	AV (dBuV)	CF(dB)	Peak	AV	Peak	AV	Peak	AV	Peak	AV	
5150.00	V	20.63	8.51	40.09	60.72	48.60	-44.05	-56.17	68.30	54.00	-27.00	-41.30	X/E
5186.00	V	51.59	40.51	40.18	91.77	80.69	-13.00	-24.08					X/F
10380.51	V	42.12	30.42	13.76	55.88	44.18	-48.89	-60.59	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

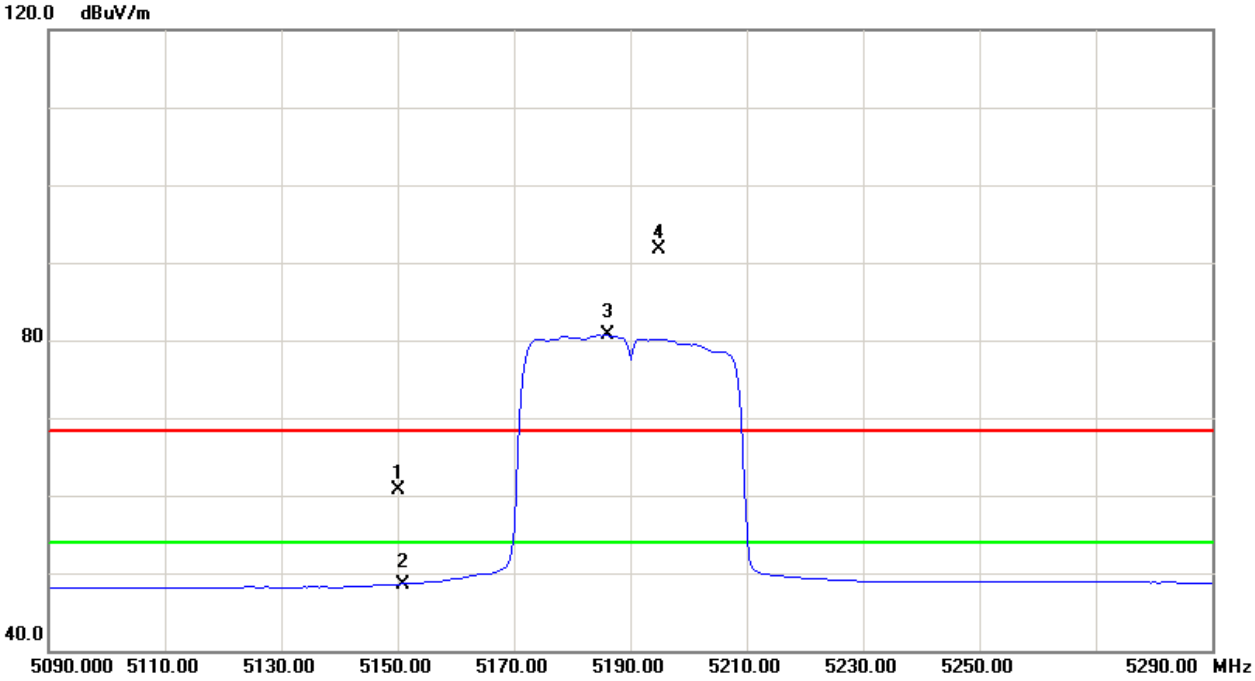
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

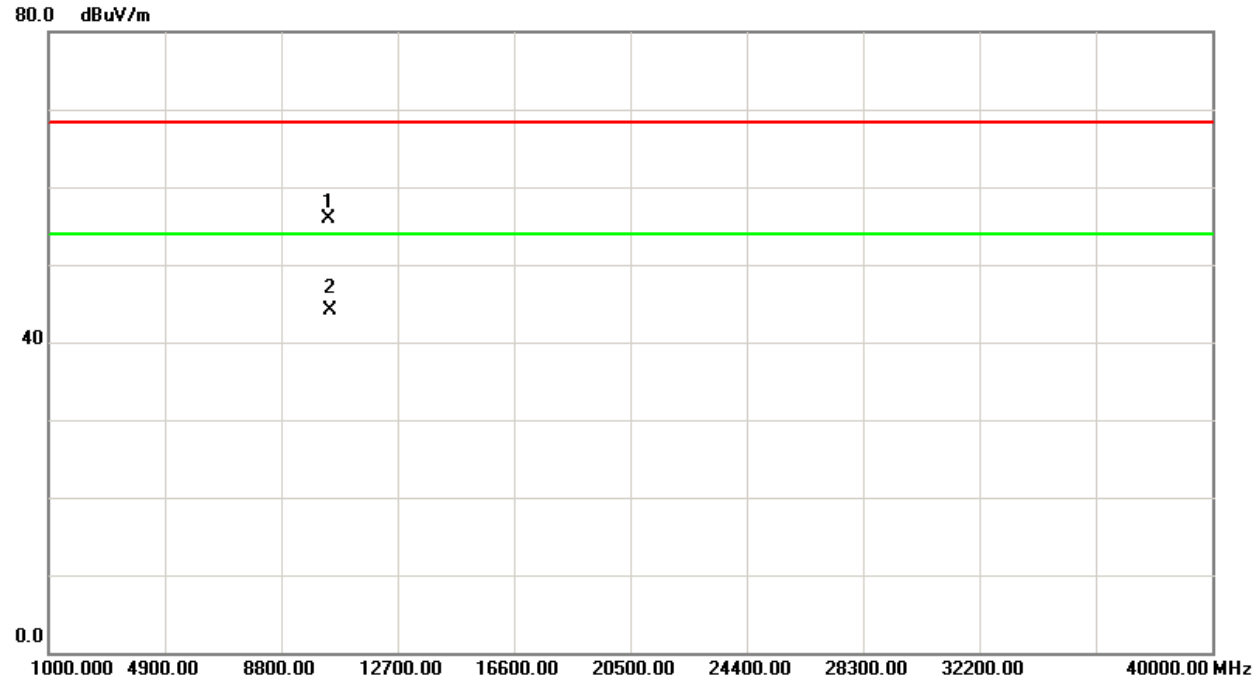
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH38(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX N40 Mode 5190MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5150.00	V	20.99	8.40	40.09	61.08	48.49	-43.69	-56.28	68.30	54.00	-27.00	-41.30	X/E
5179.00	V	46.97	37.07	40.16	87.13	77.23	-17.64	-27.54					X/F
10380.59	V	41.68	29.15	13.76	55.44	42.91	-49.33	-61.86	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

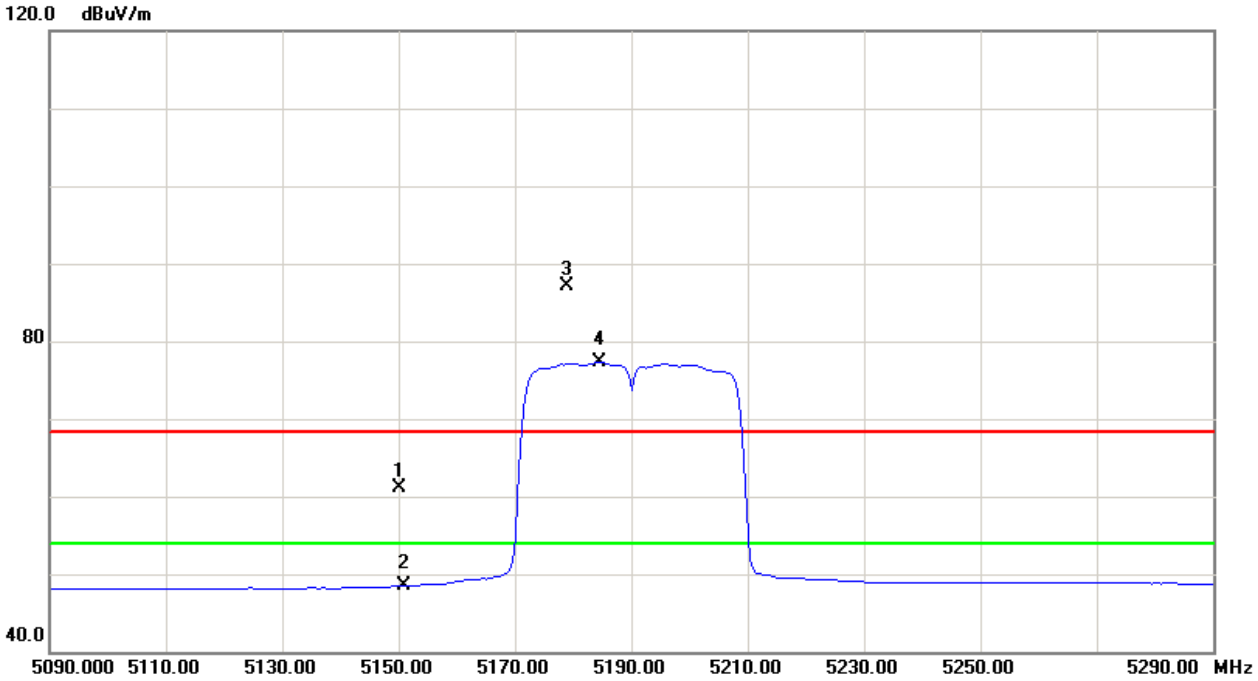
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

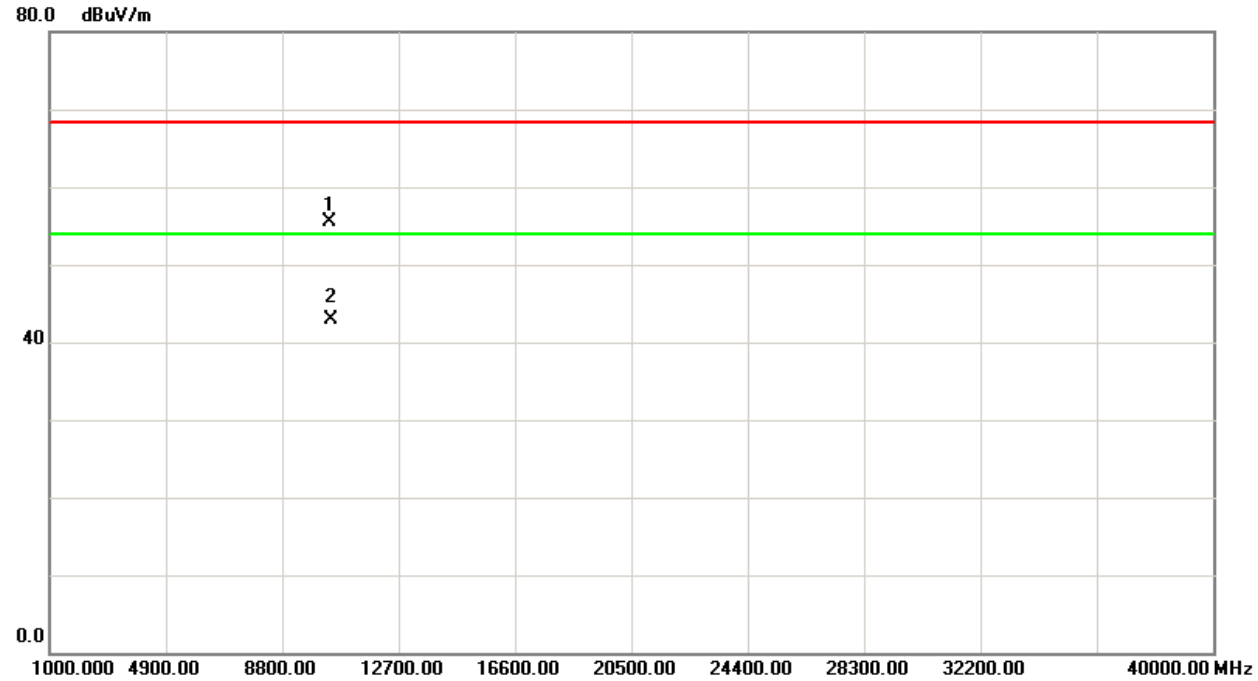
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH38(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX N40 Mode 5230MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5231.50	V	52.86	41.84	40.31	93.17	82.15	-11.60	-22.62					X/F
10460..47	V	41.68	29.56	13.85	55.53	43.41	-49.24	-61.36	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

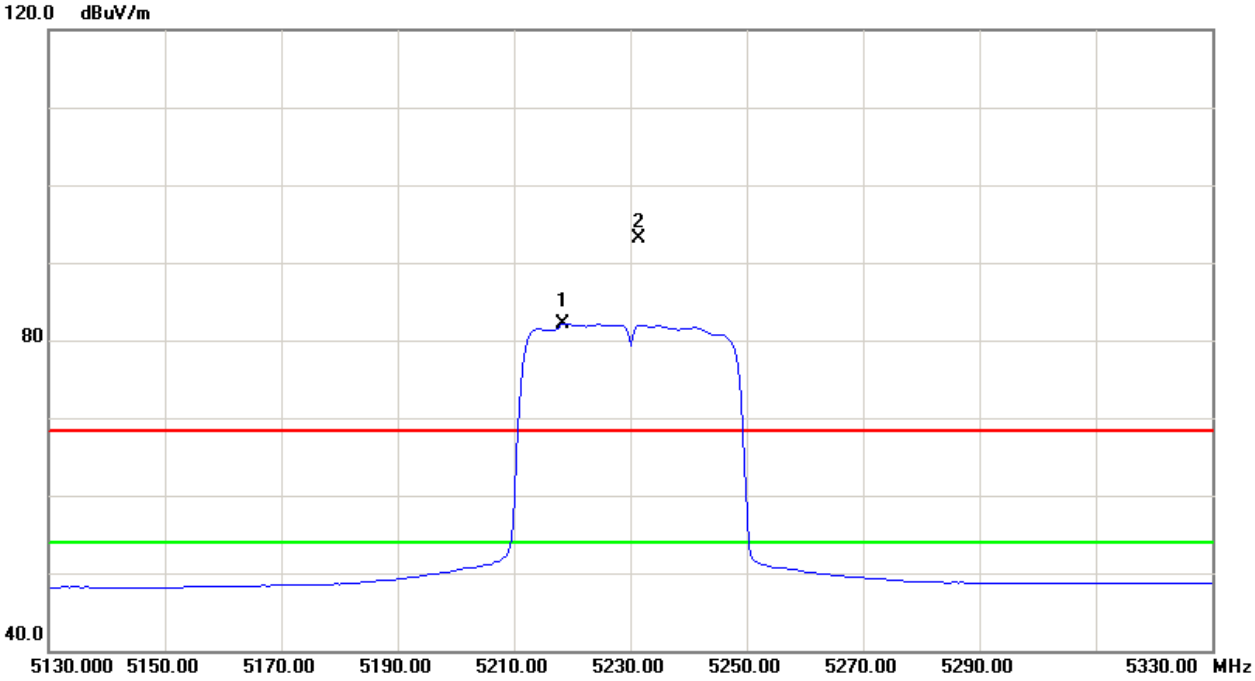
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

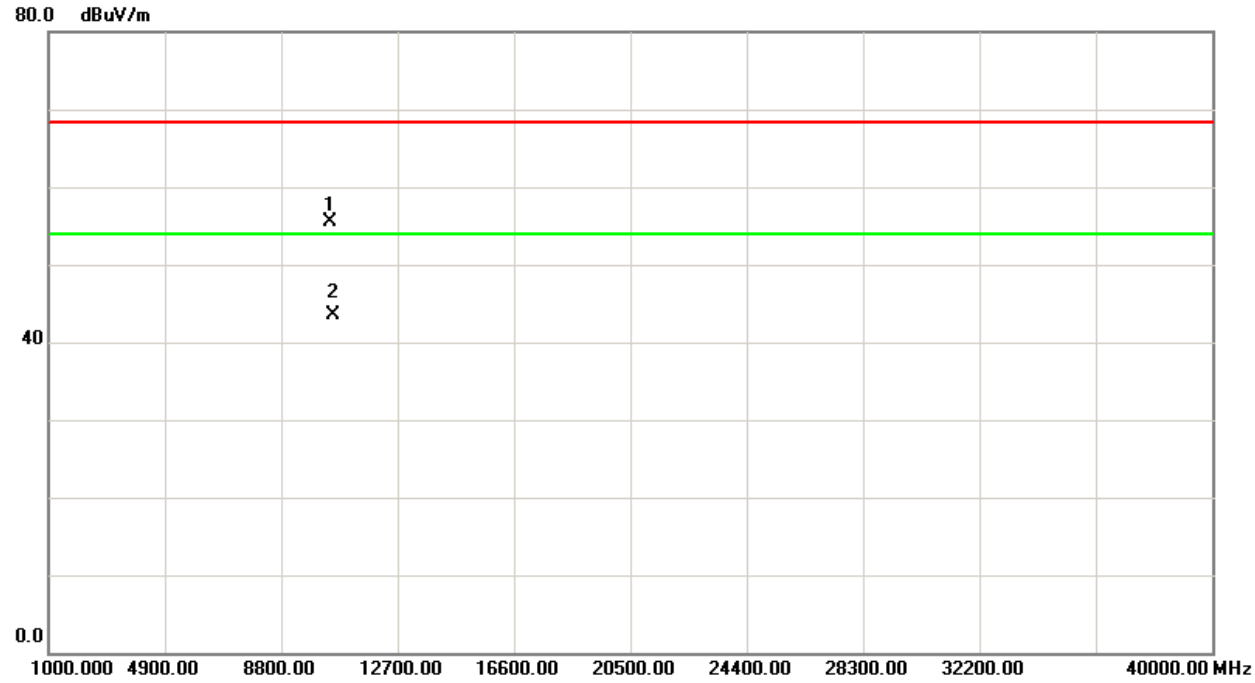
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH46(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 1/ TX N40 Mode 5230MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5218.00	H	48.21	37.26	40.26	88.47	77.52	-16.30	-27.25					X/F
10460.64	H	39.95	28.39	13.85	53.80	42.24	-50.97	-62.53	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

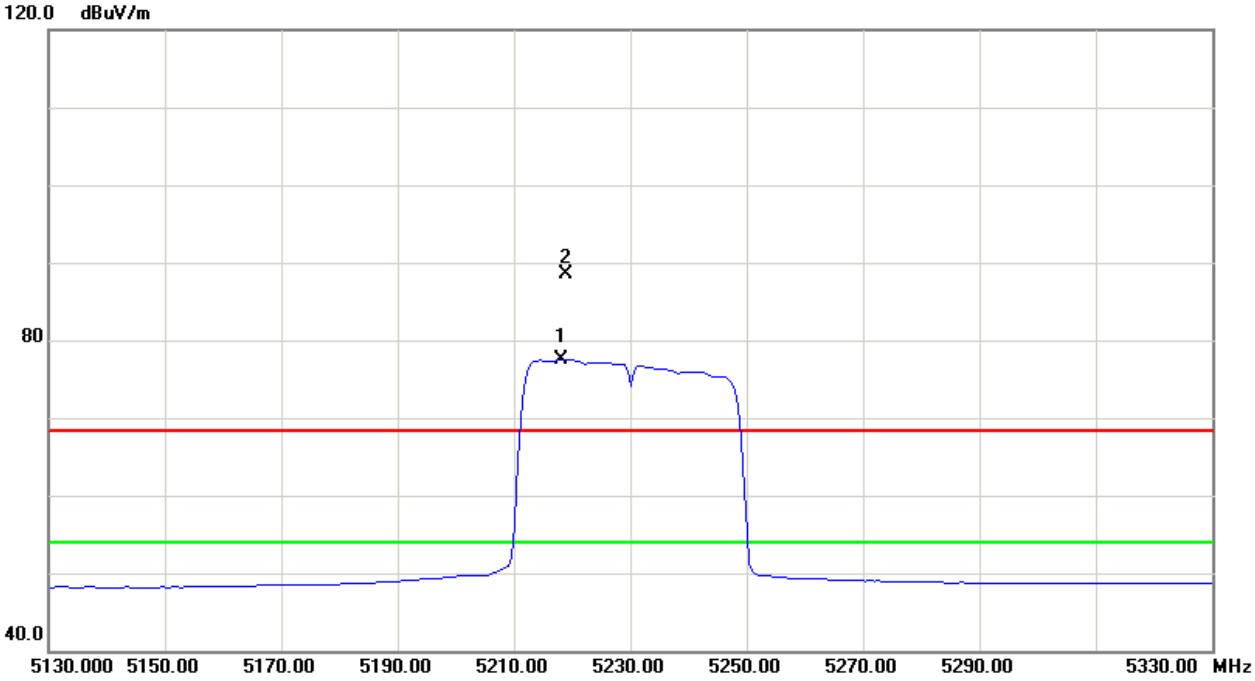
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

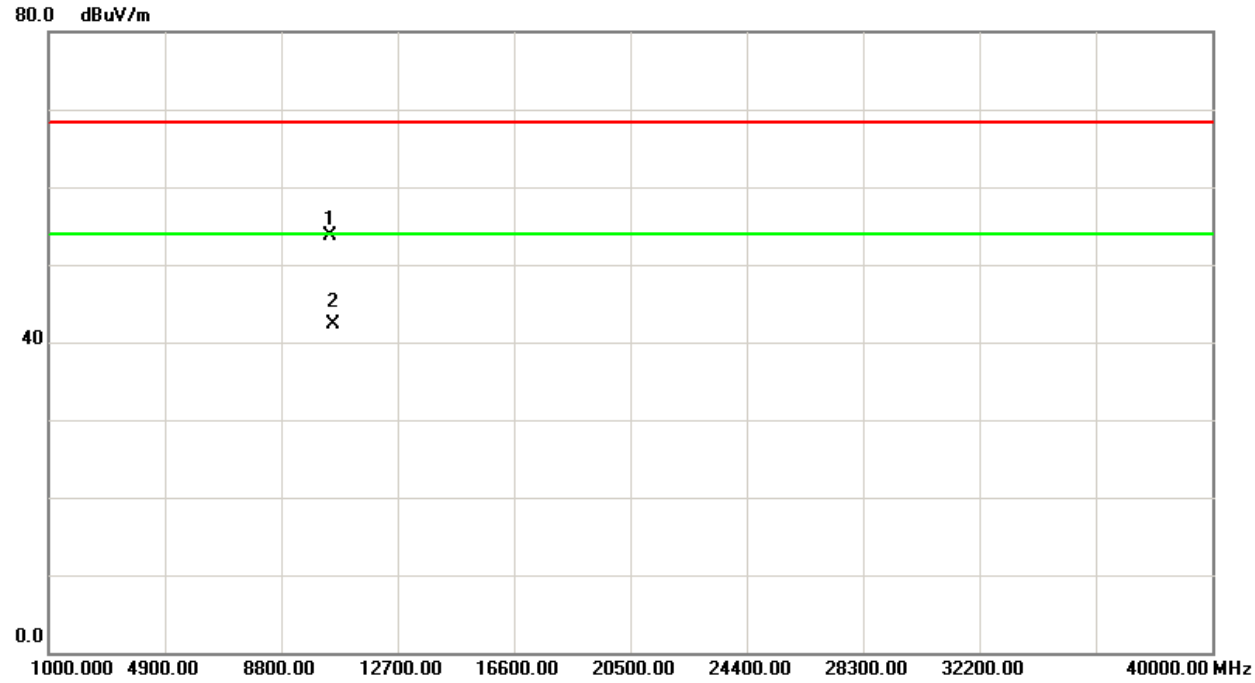
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 1/CH46(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX A Mode 5260MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
(MHz)	H/V	Peak (dBuV)	AV (dBuV)	CF(dB)	Peak	AV	Peak	AV	Peak	AV	Peak	AV	
5262.00	V	62.02	53.97	40.38	102.40	94.35	-2.37	-10.42					X/F
10519.96	V	36.74	24.36	13.90	50.64	38.26	-54.13	-66.51	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

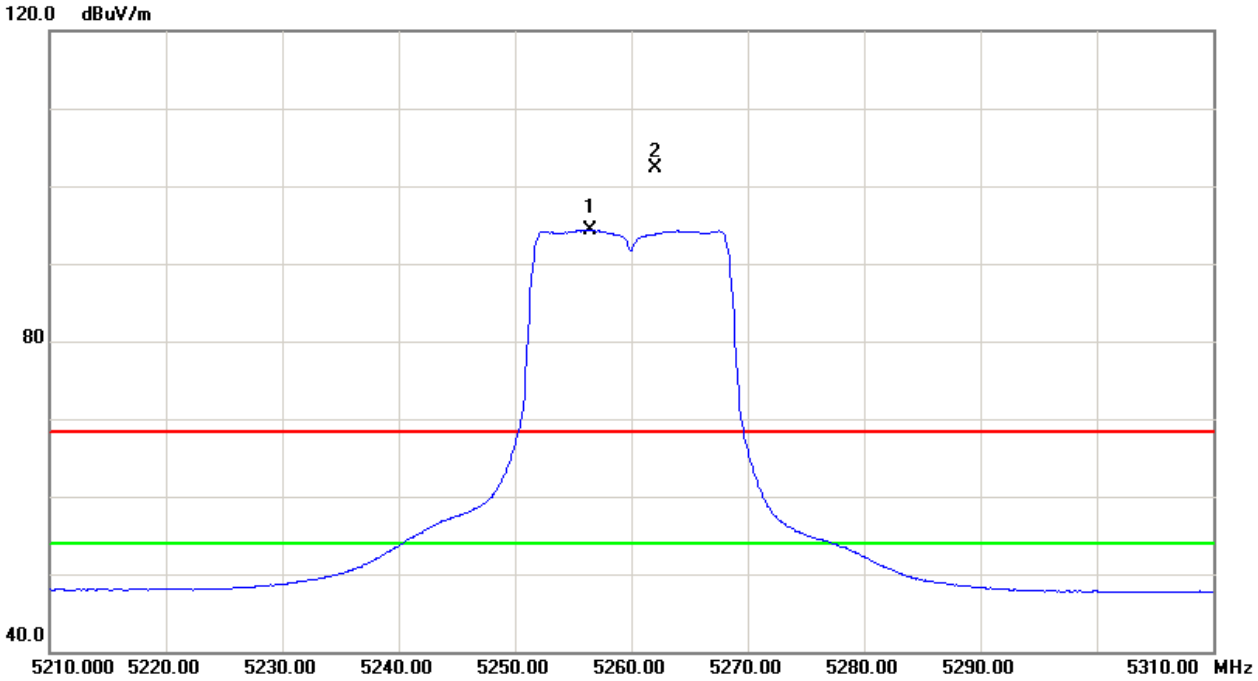
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

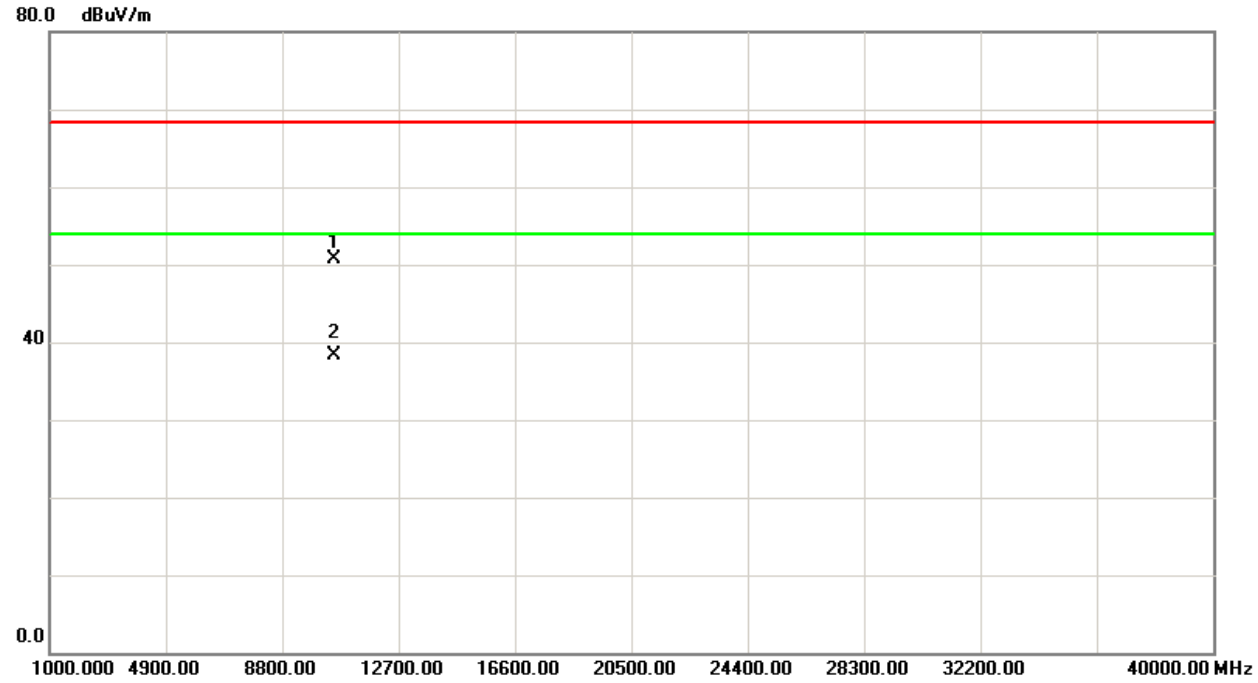
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX A Mode 5260MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
(MHz)	H/V	Peak (dBuV)	AV (dBuV)	CF(dB)	Peak	AV	Peak	AV	Peak	AV	Peak	AV	
5261.60	H	56.18	47.87	40.35	96.53	88.22	-8.24	-16.55					X/F
10519.86	H	36.68	24.62	13.90	50.58	38.52	-54.19	-66.25	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

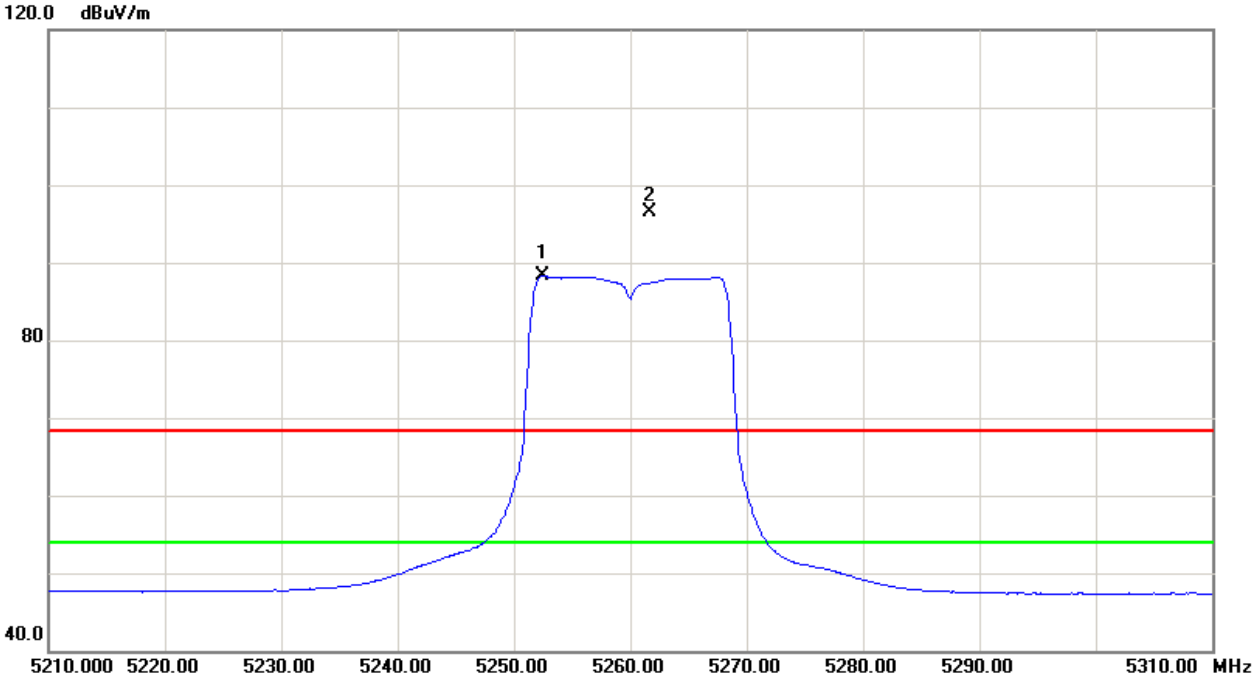
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

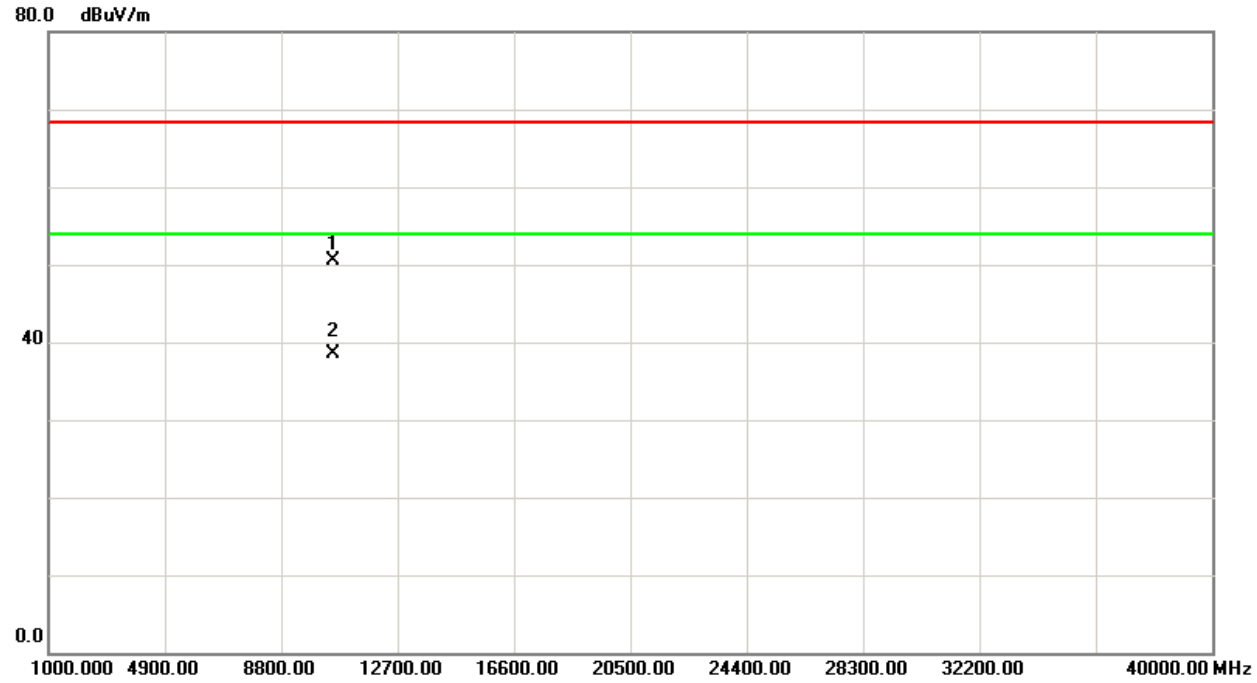
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH52 (Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX A Mode 5280MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
(MHz)	H/V	Peak (dBuV)	AV (dBuV)	CF(dB)	Peak	AV	Peak	AV	Peak	AV	Peak	AV	
5275.50	V	61.02	53.77	40.42	101.44	94.19	-3.33	-10.58					X/F
10559.90	V	36.52	24.61	13.90	50.42	38.51	-54.35	-66.26	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

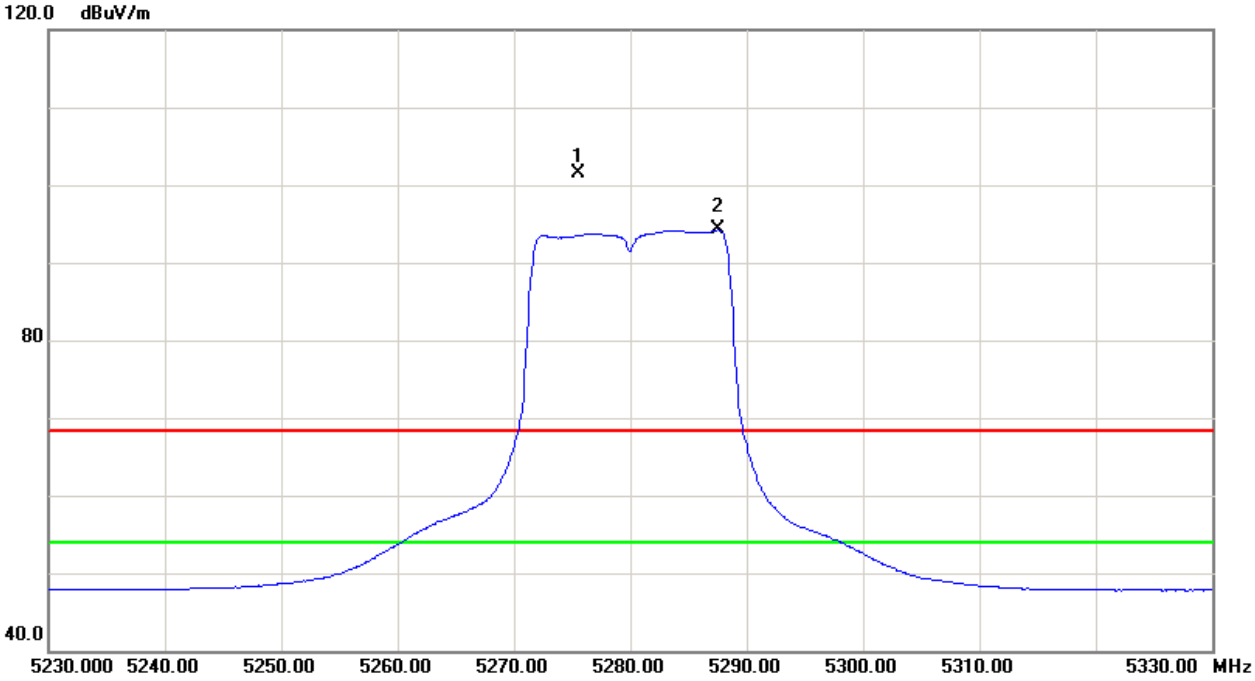
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

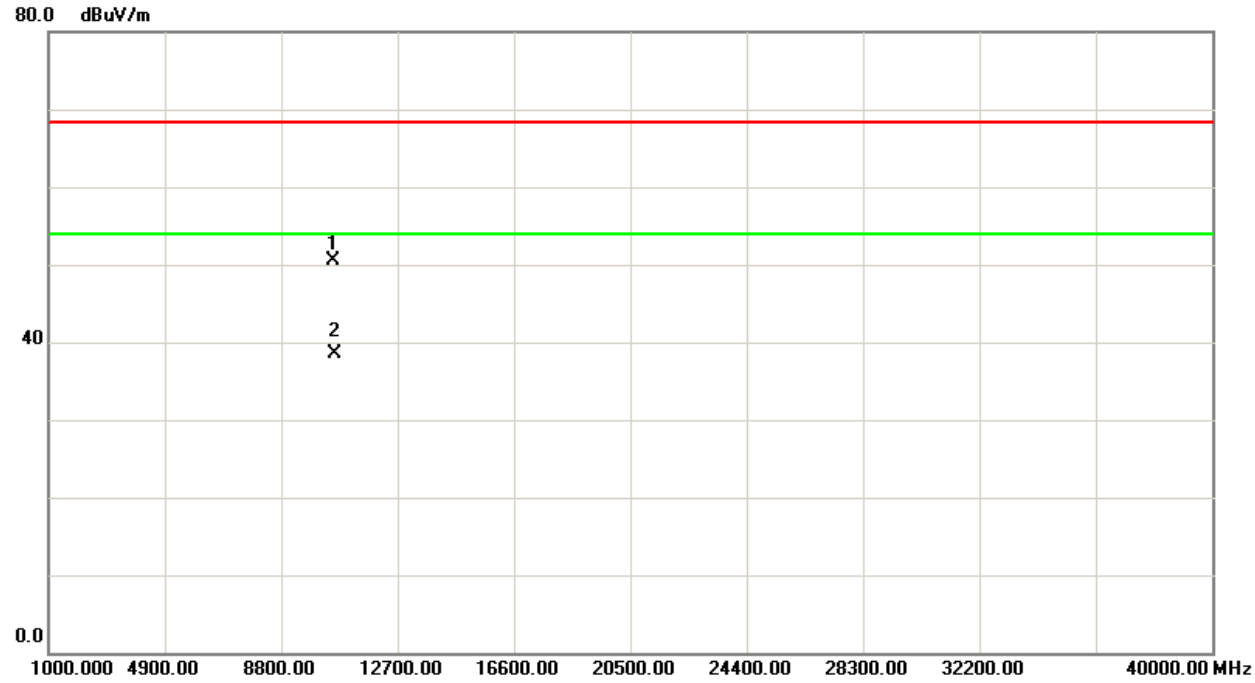
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX A Mode 5280MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
(MHz)	H/V	Peak (dBuV)	AV (dBuV)	CF(dB)	Peak	AV	Peak	AV	Peak	AV	Peak	AV	
5283.50	H	55.24	48.04	40.44	95.68	88.48	-9.09	-16.29					X/F
10560.25	H	36.64	24.51	13.90	50.54	38.41	-54.23	-66.36	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

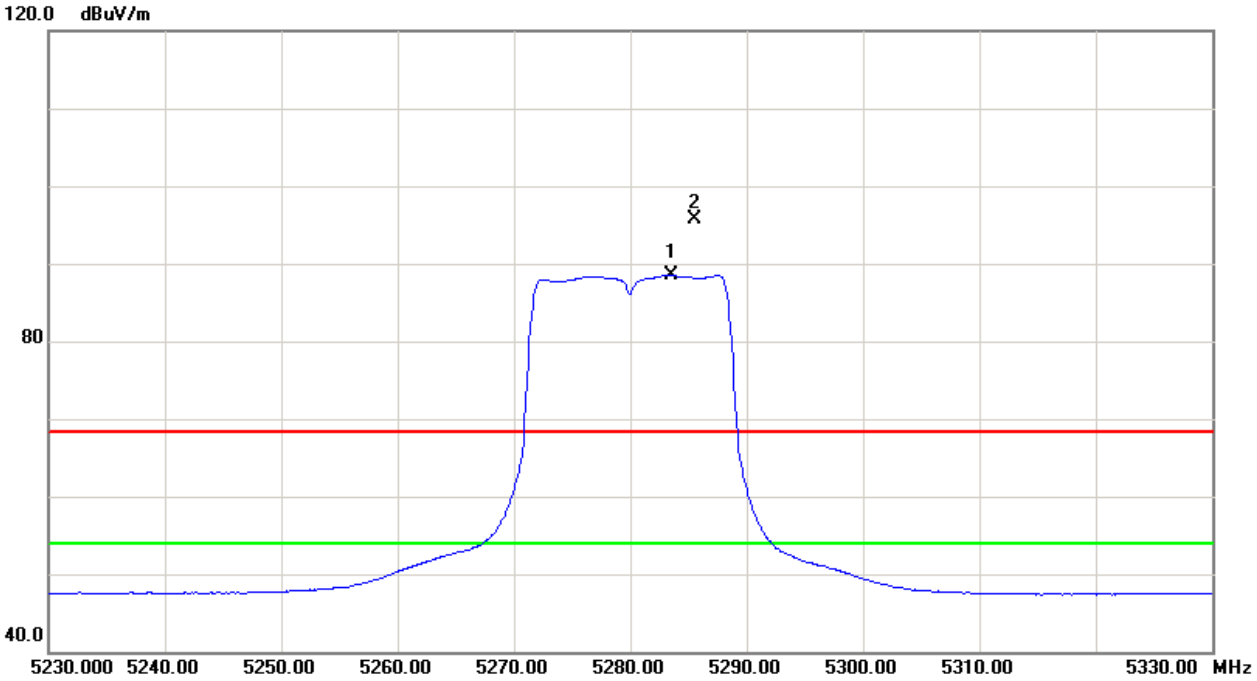
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

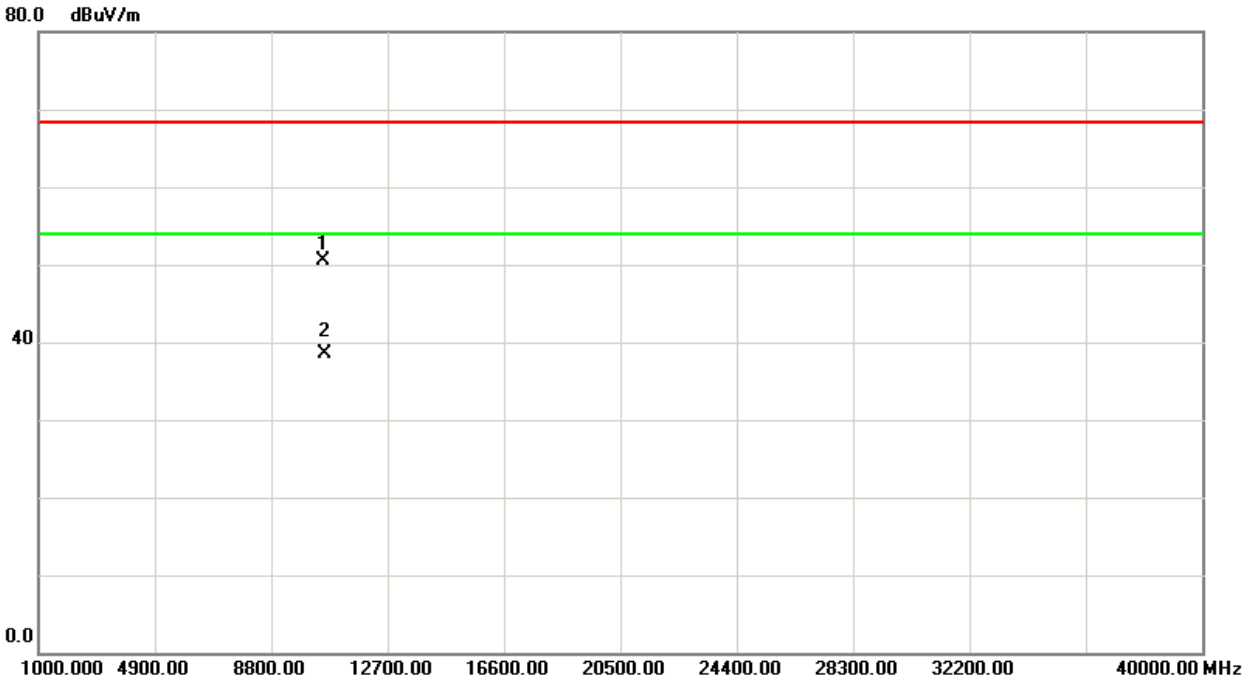
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX A Mode 5320MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5319.00	V	63.20	54.32	40.52	103.72	94.84	-1.05	-9.93					X/F
5350.00	V	15.22	8.02	40.61	55.83	48.63	-48.94	-56.14	68.30	54.00	-27.00	-41.30	X/E
10639.89	V	36.60	24.54	13.90	50.50	38.44	-54.27	-66.33	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

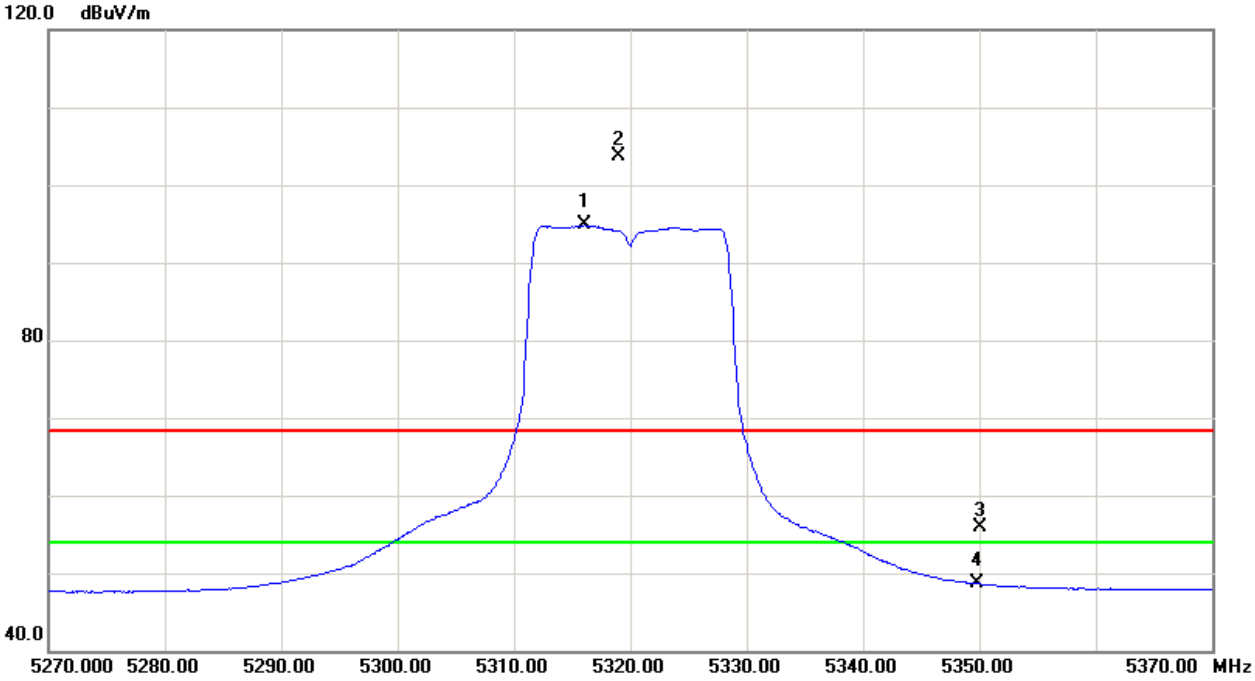
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

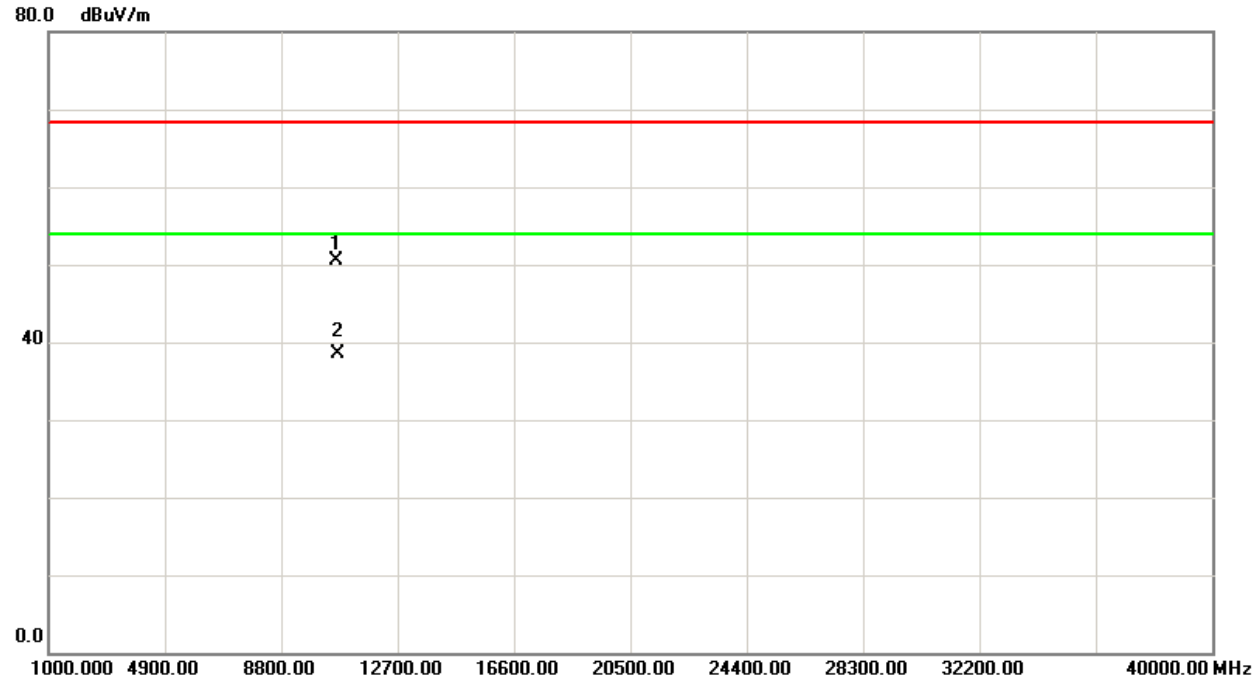
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX A Mode 5320MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
(MHz)	H/V	Peak (dBuV)	AV (dBuV)	CF(dB)	Peak	AV	Peak	AV	Peak	AV	Peak	AV	
5324.60	H	57.14	48.45	40.54	97.68	88.99	-7.09	-15.78					X/F
5350.00	H	15.44	7.17	40.61	56.05	47.78	-48.72	-56.99	68.30	54.00	-27.00	-41.30	X/E
10640.10	H	36.52	24.46	13.90	50.42	38.36	-54.35	-66.41	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

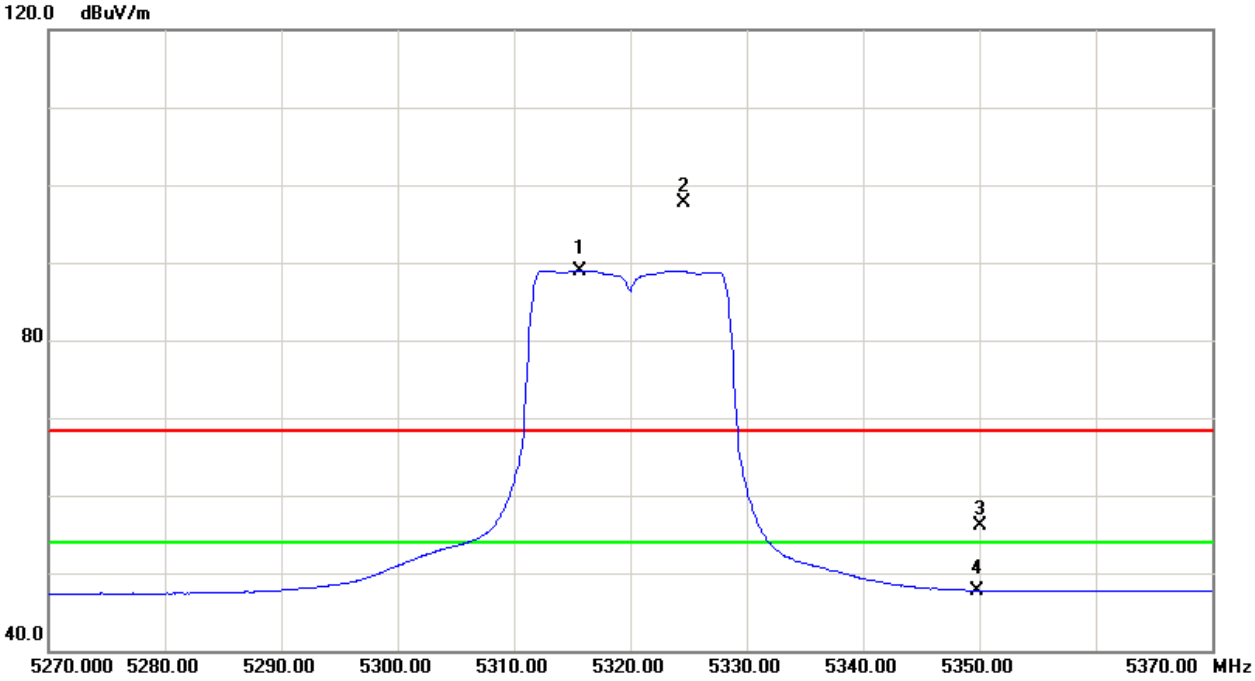
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

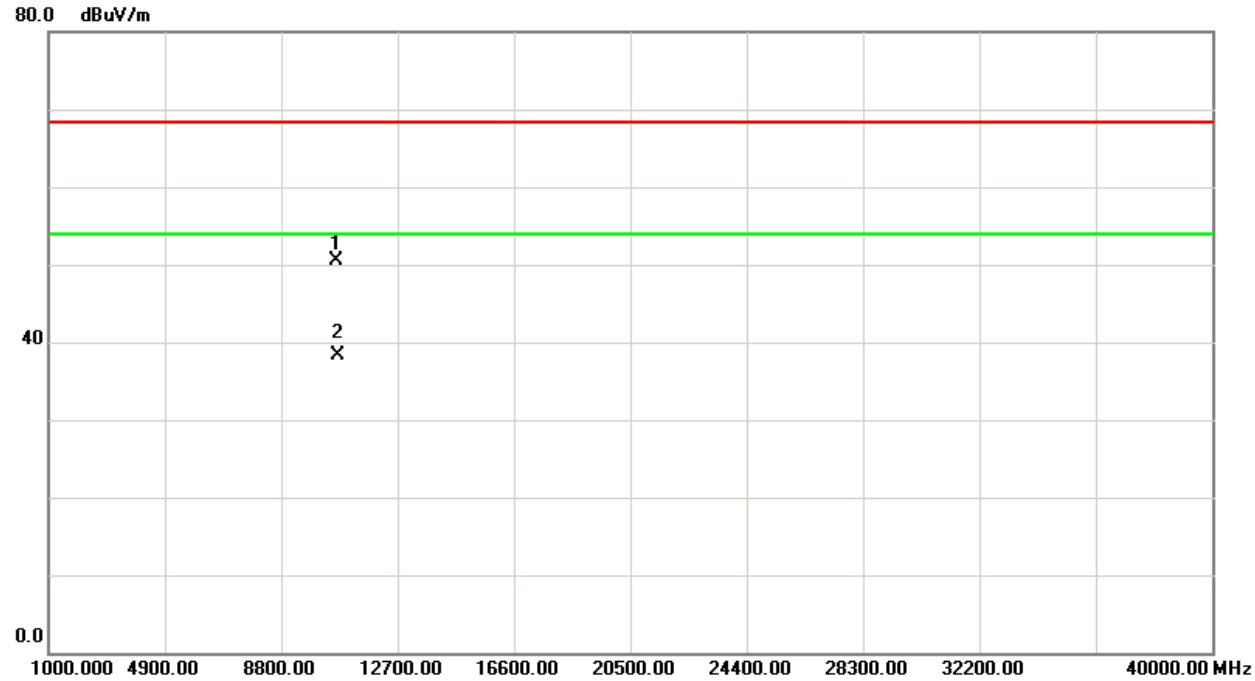
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX N20 Mode 5260MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
(MHz)	H/V	Peak (dBuV)	AV (dBuV)	CF(dB)	Peak	AV	Peak	AV	Peak	AV	Peak	AV	
5256.50	V	94.99	87.19	7.71	102.70	94.90	-2.07	-9.87					X/F
10520.28	V	36.47	24.46	13.90	50.37	38.36	-54.40	-66.41	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

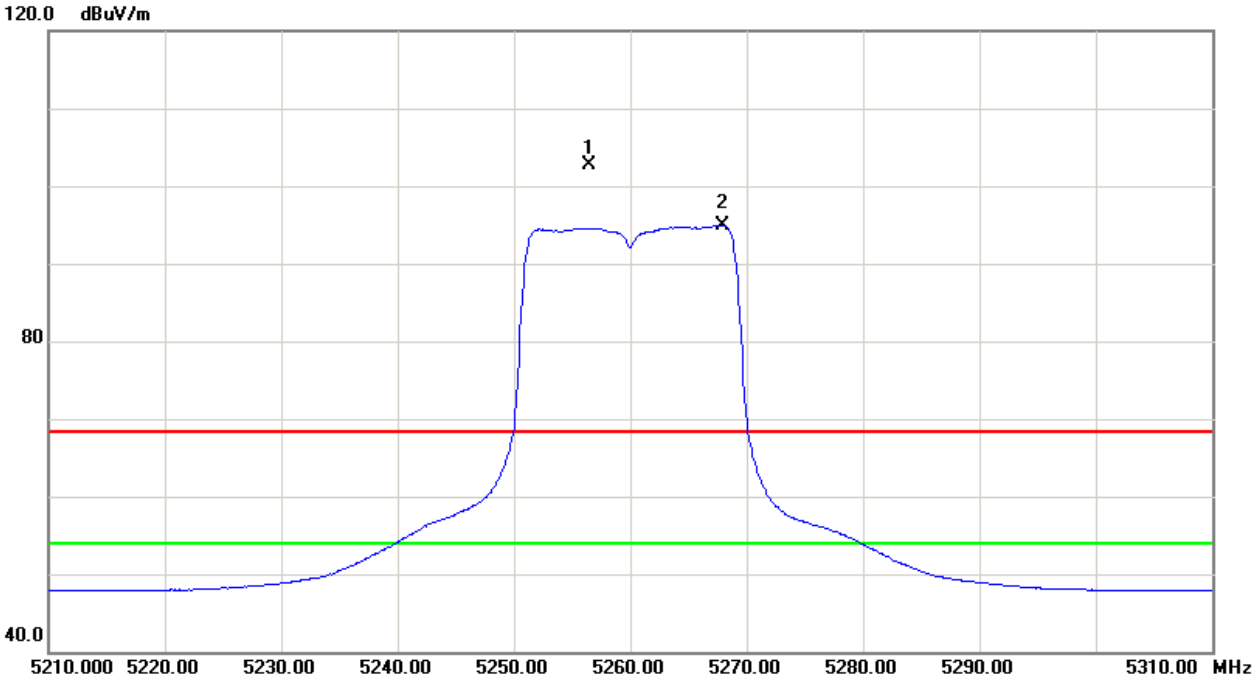
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

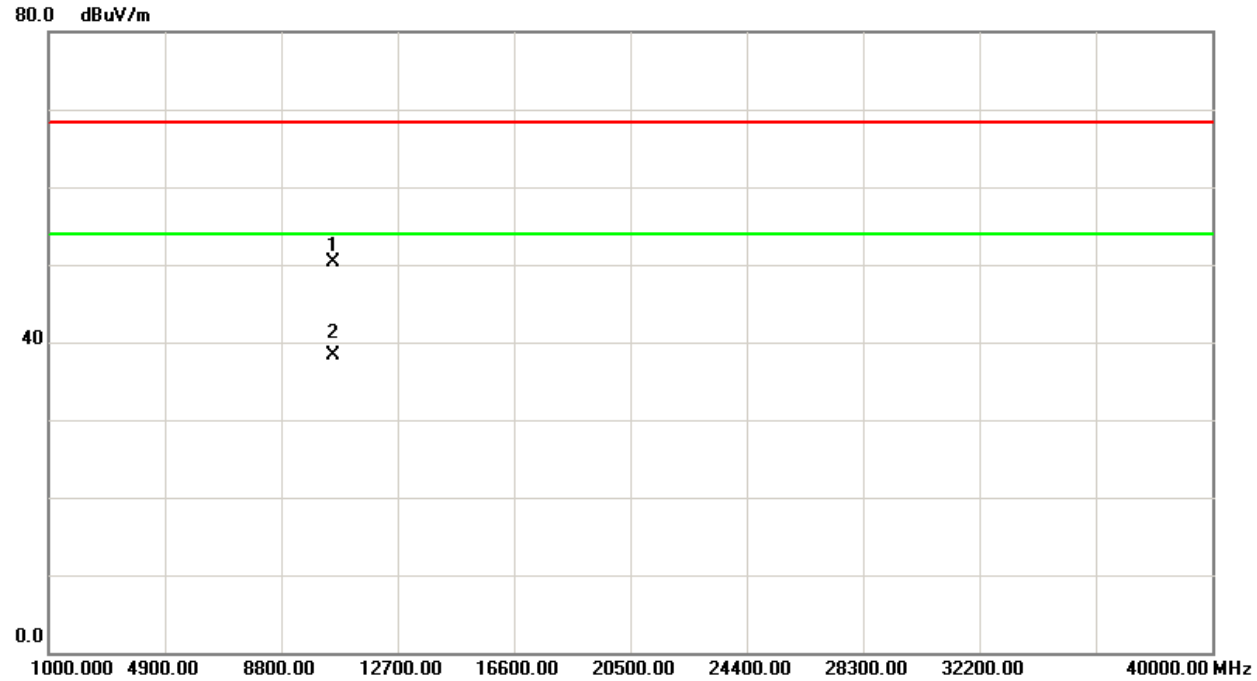
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX N20 Mode 5260MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5255.00	V	89.11	80.75	7.69	96.80	88.44	-7.97	-16.33					X/F
10519.72	V	36.39	24.35	13.90	50.29	38.25	-54.48	-66.52	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

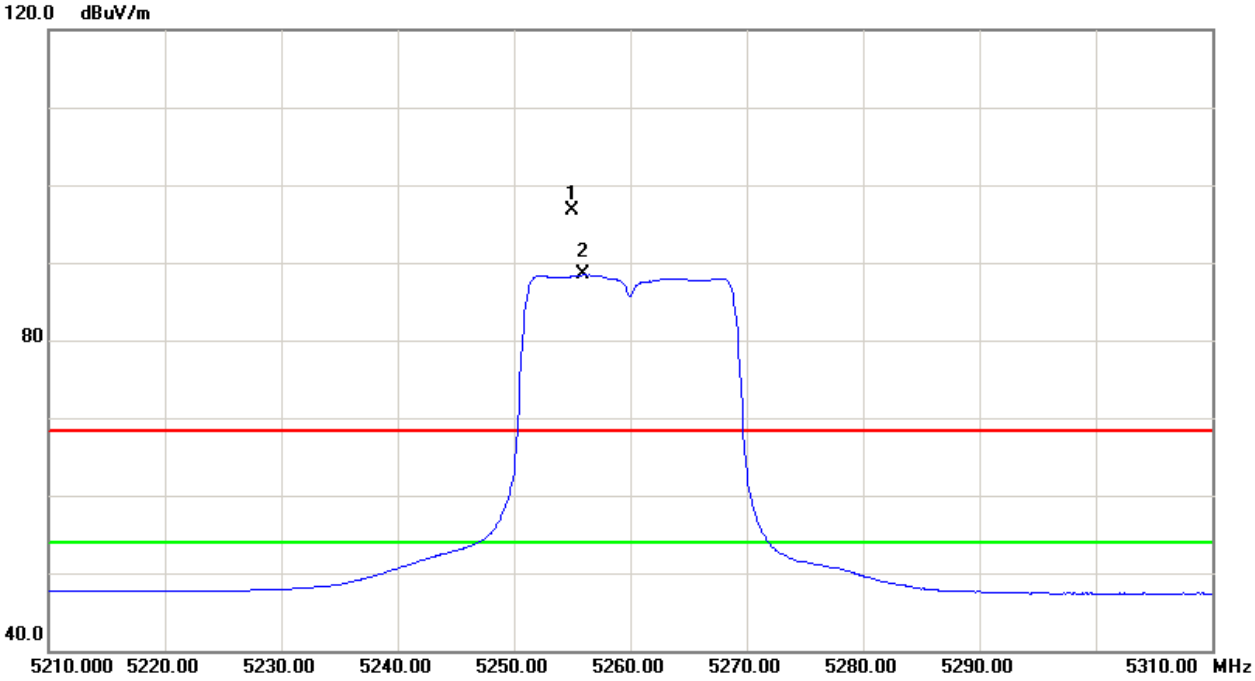
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

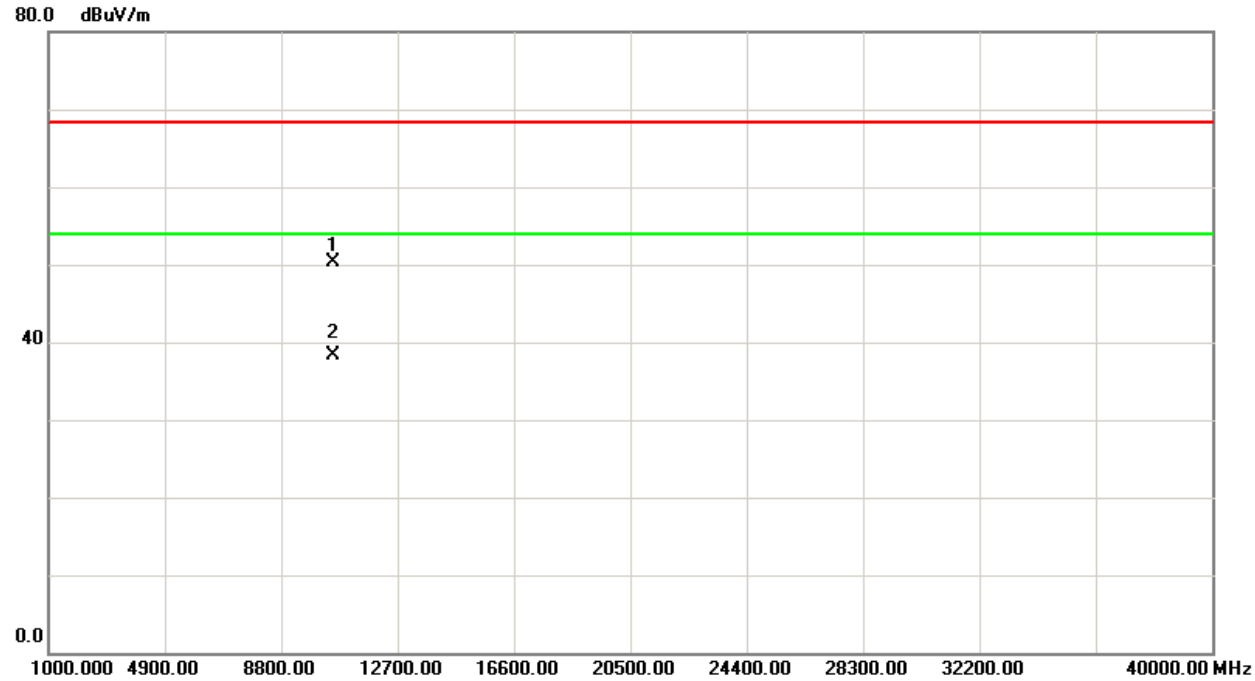
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH52(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX N20 Mode 5280MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5275.12	V	95.23	87.28	7.83	103.06	95.11	-1.71	-9.66					X/F
10560.36	V	36.43	24.40	13.90	50.33	38.30	-54.44	-66.47	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

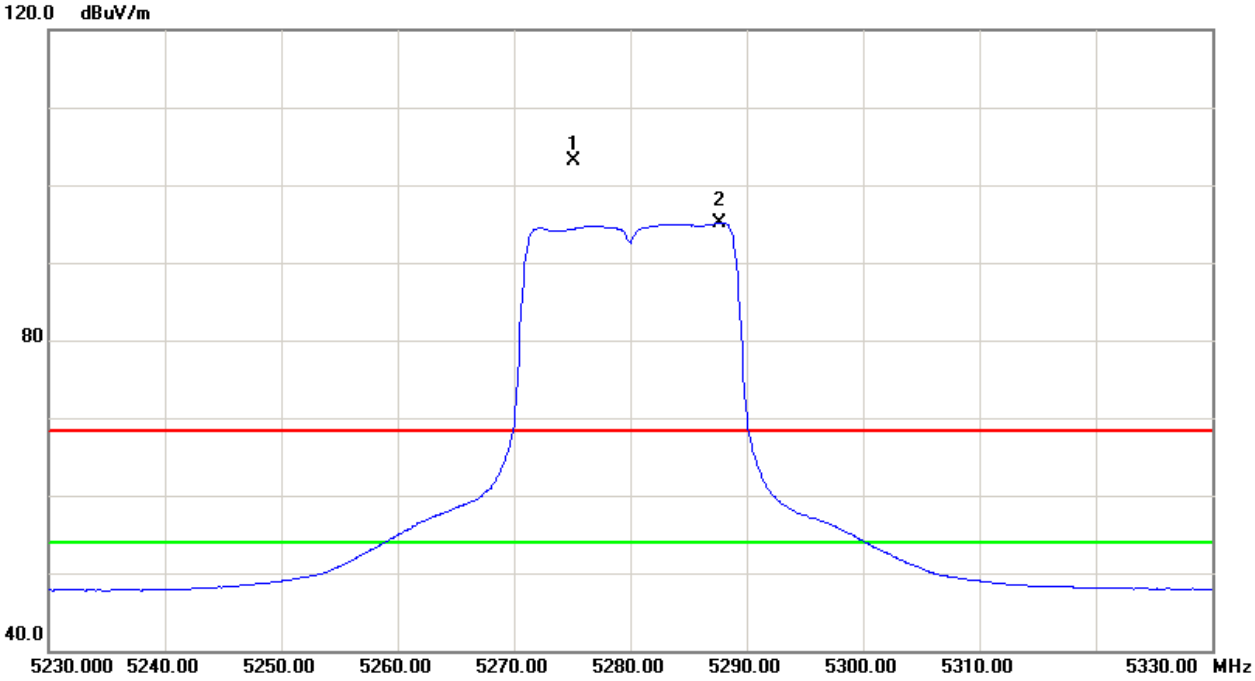
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

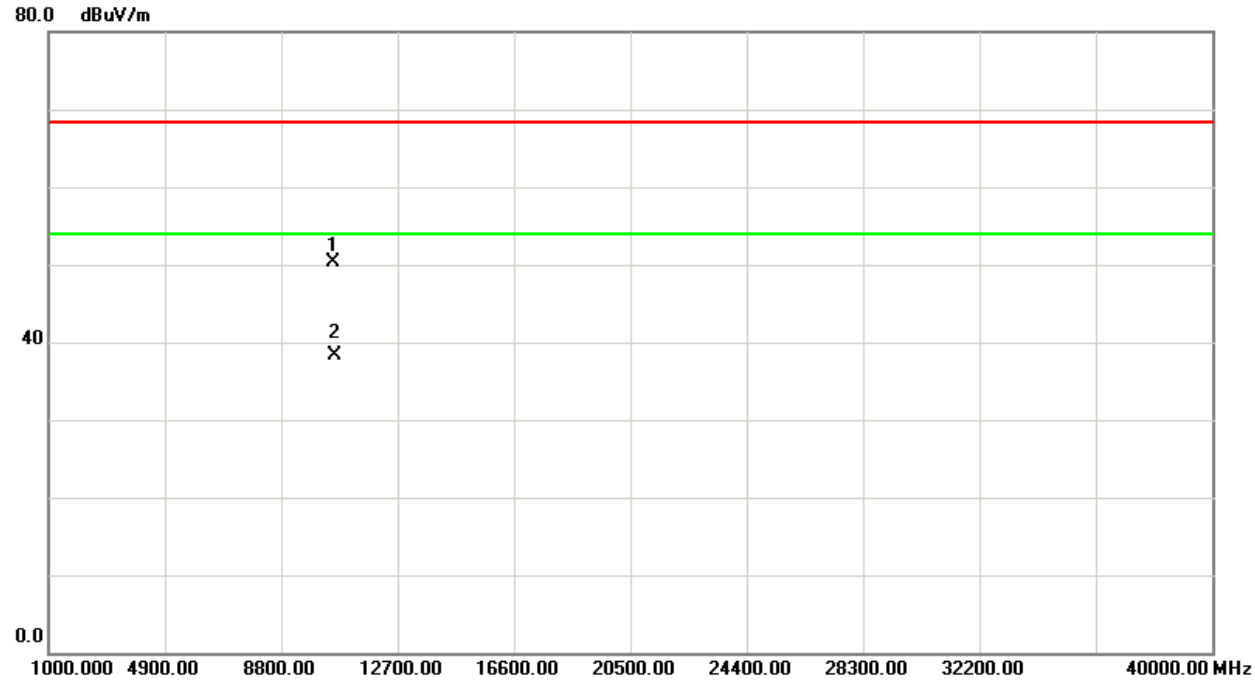
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX N20 Mode 5280MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5282.32	H	87.48	79.18	7.86	95.34	87.04	-9.43	-17.73					X/F
10560.34	H	36.41	24.37	13.90	50.31	38.27	-54.46	-66.50	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

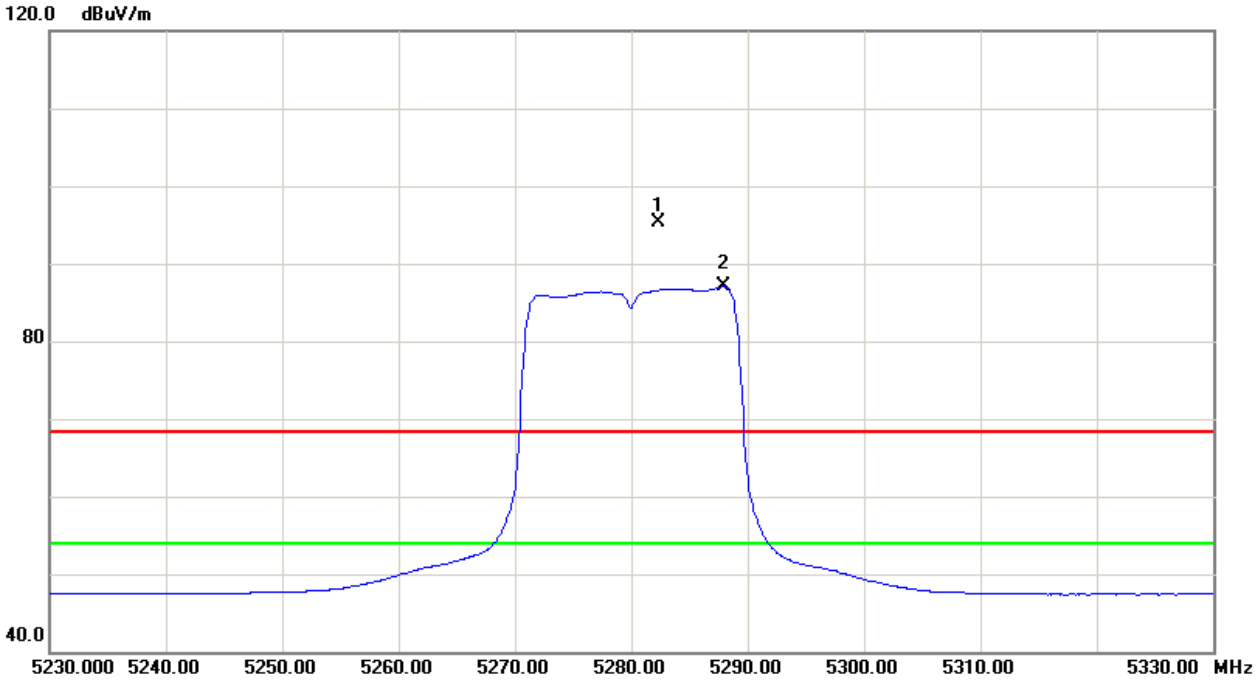
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

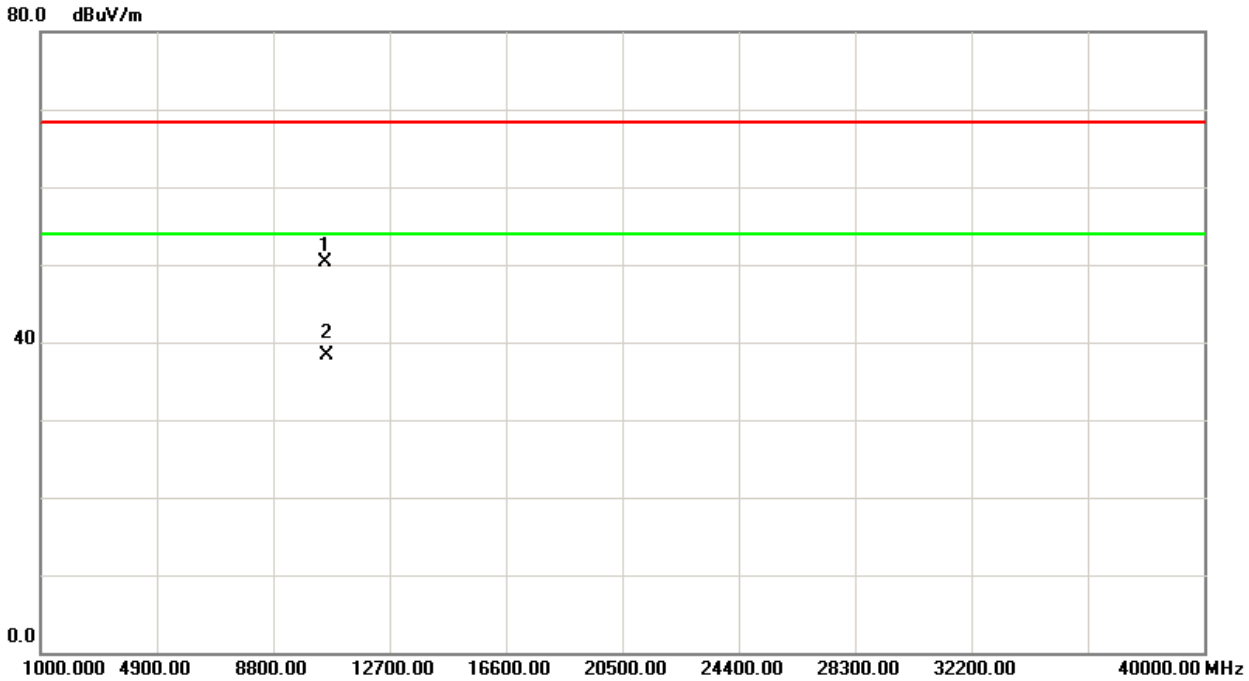
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH56(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX N20 Mode 5320MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5322.90	V	95.46	87.33	8.10	103.56	95.43	-1.21	-9.34					X/F
5350.00	V	48.95	41.04	8.29	57.24	49.33	-47.53	-55.44	68.30	54.00	-27.00	-41.30	X/E
10639.76	V	36.51	24.38	13.90	50.41	38.28	-54.36	-66.49	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

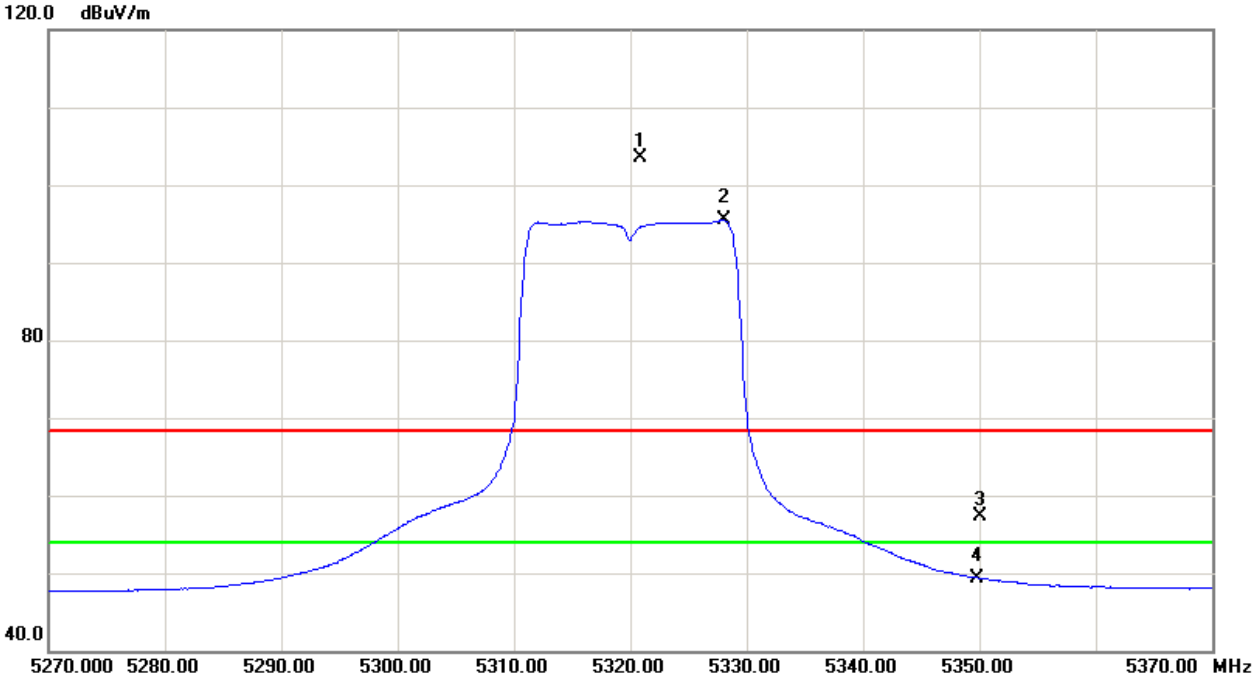
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

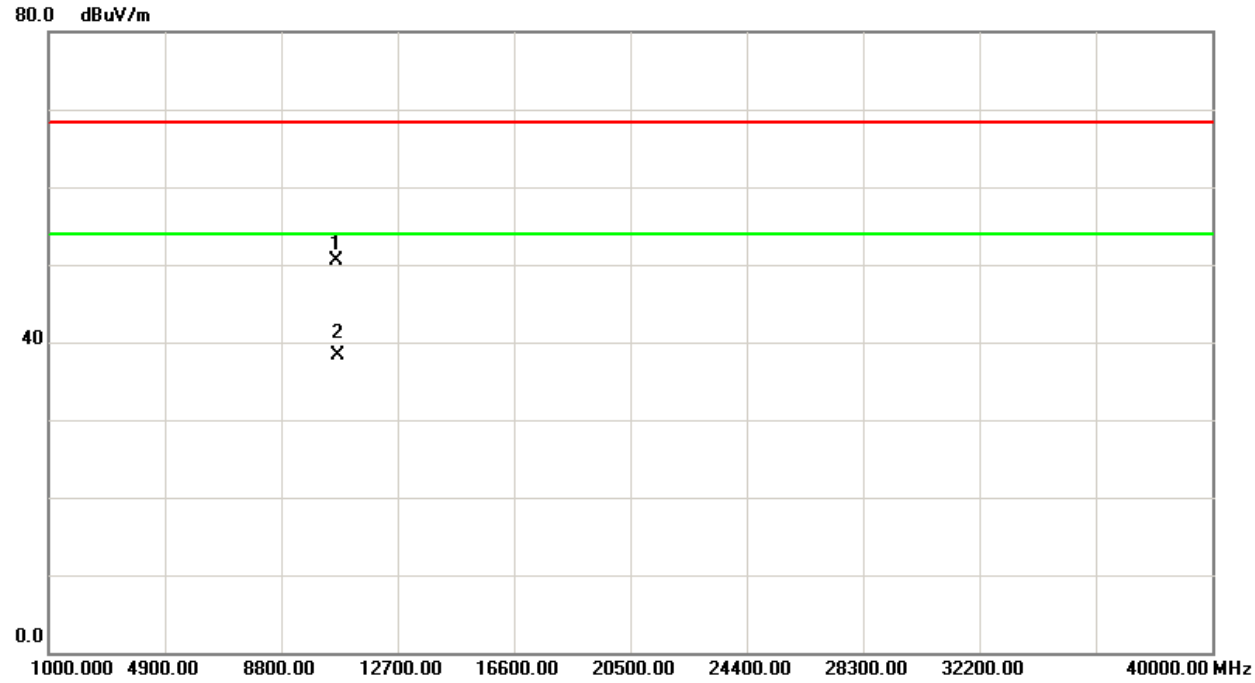
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	52 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX N20 Mode 5320MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
(MHz)	H/V	Peak (dBuV)	AV (dBuV)	CF(dB)	Peak	AV	Peak	AV	Peak	AV	Peak	AV	
5326.42	H	88.73	80.12	8.13	96.86	88.25	-7.91	-16.52					X/F
5350.00	H	47.08	39.58	8.29	55.37	47.87	-49.40	-56.90	68.30	54.00	-27.00	-41.30	X/E
10640.22	H	36.39	24.35	13.90	50.29	38.25	-54.48	-66.52	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

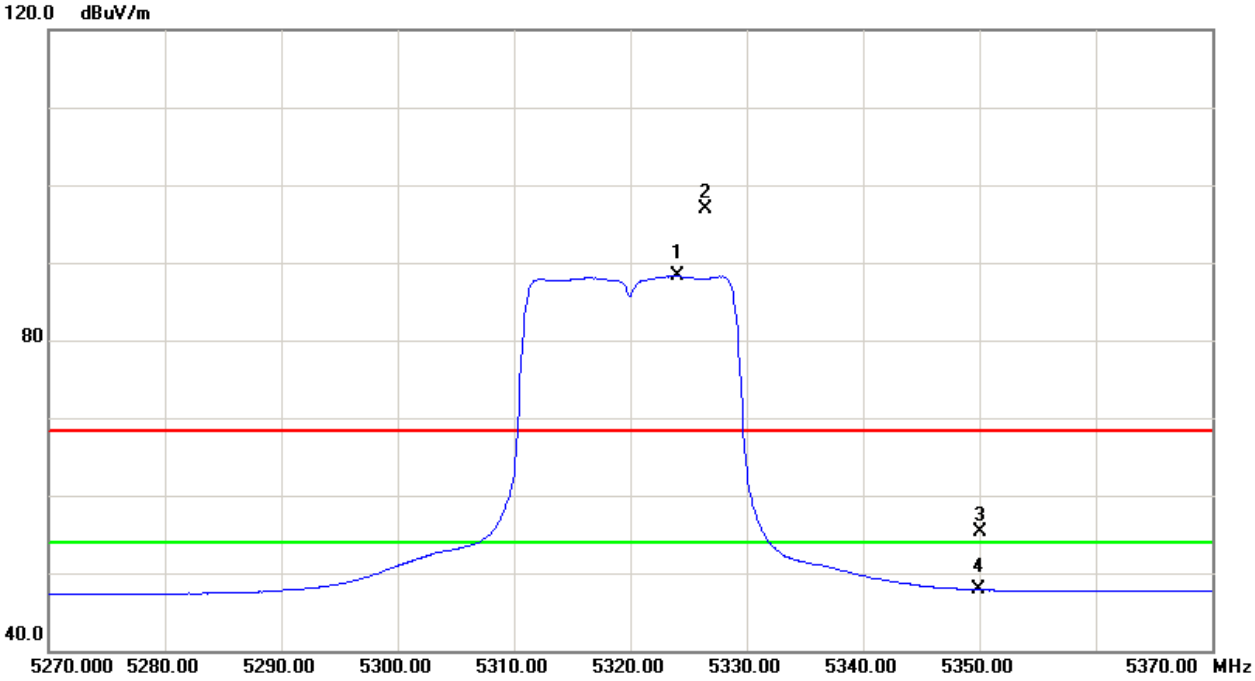
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

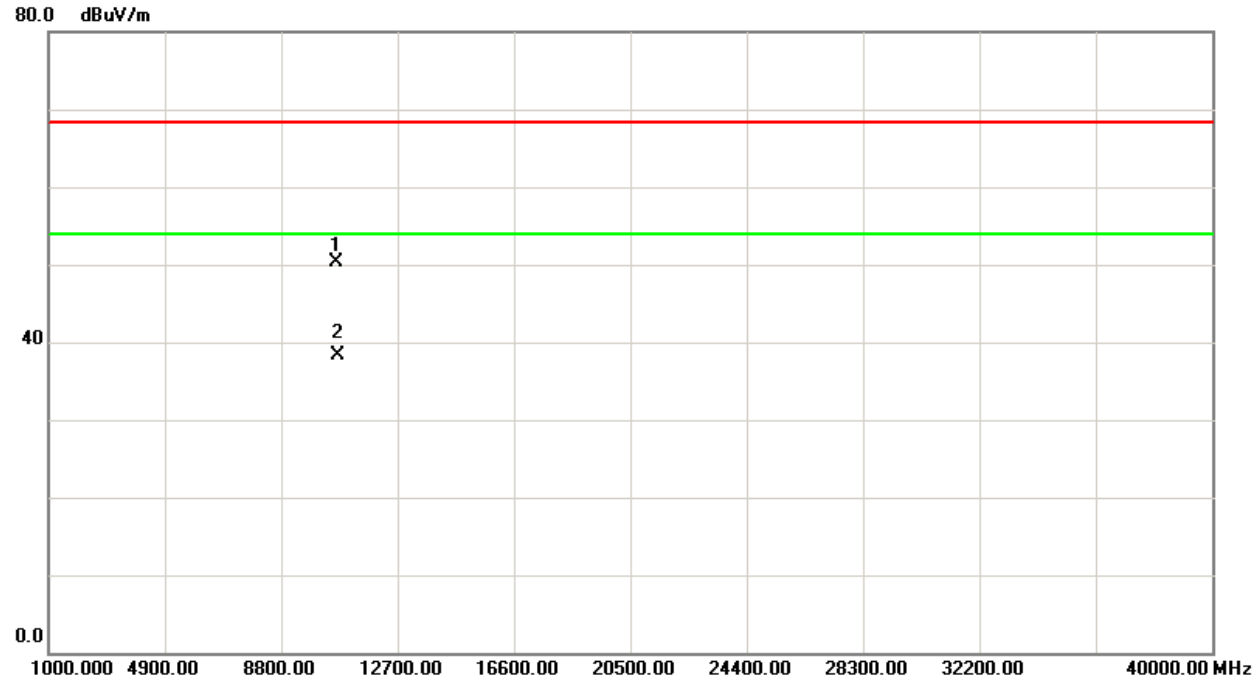
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH64(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX N40 Mode 5270MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5265.00	V	50.82	41.49	40.39	91.21	81.88	-13.56	-22.89					X/F
10520.28	V	41.68	29.15	13.76	55.44	42.91	-49.33	-61.86	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

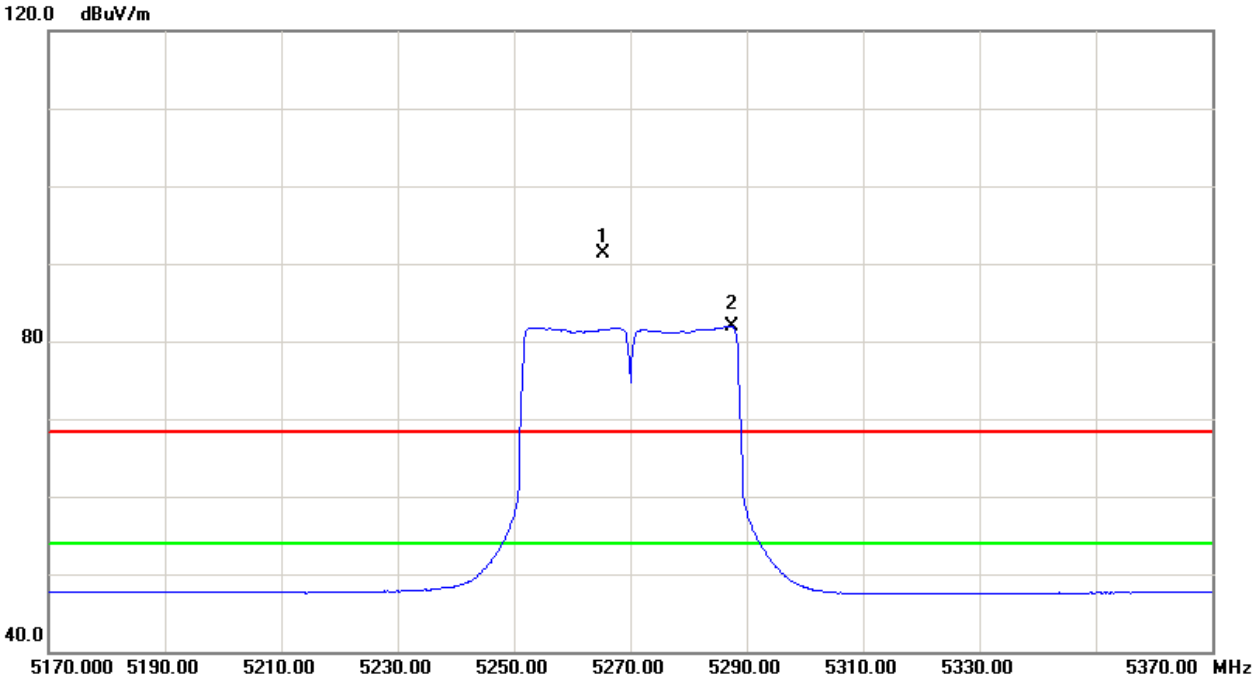
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

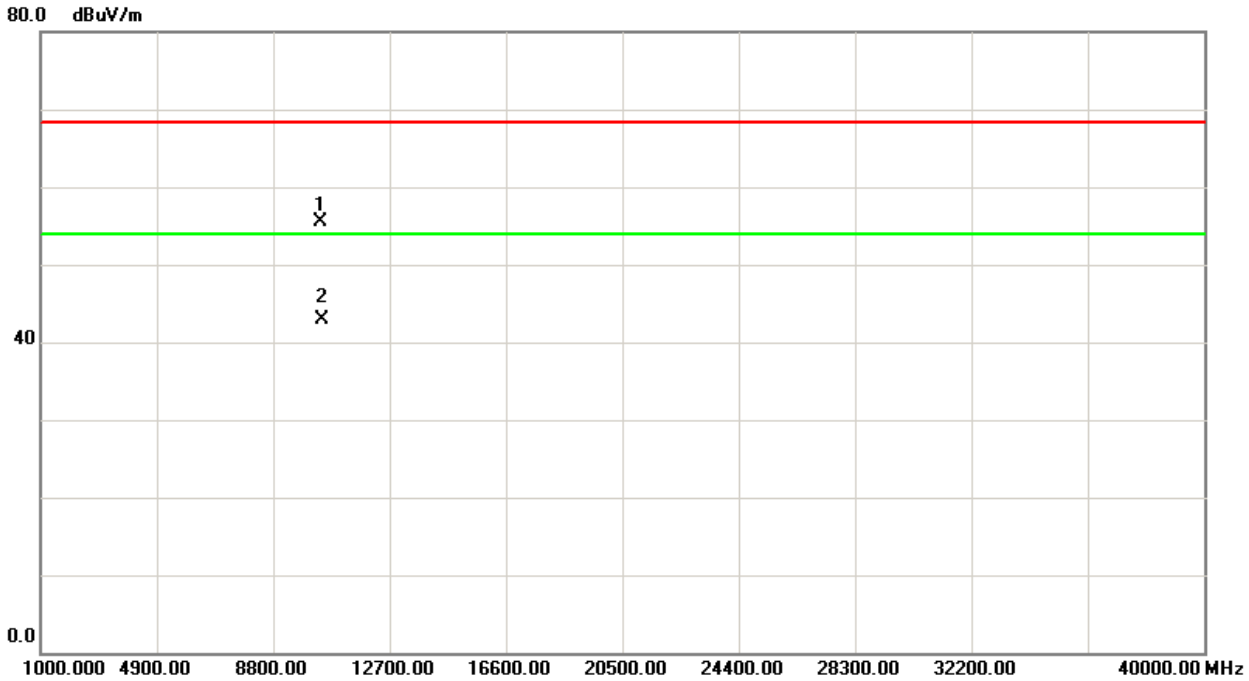
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH54(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX N40 Mode 5270MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5256.20	V	47.71	38.67	40.36	88.07	79.03	-16.70	-25.74					X/F
10540.51	V	41.45	30.13	13.90	55.35	44.03	-49.42	-60.74	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

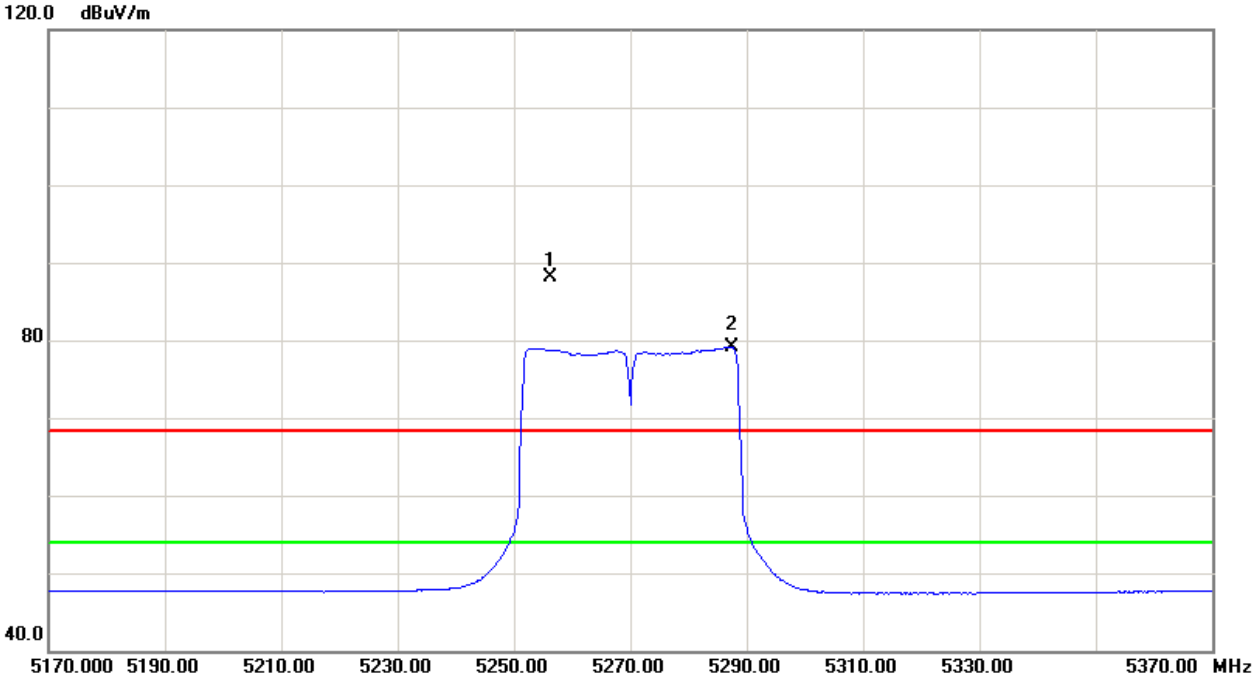
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

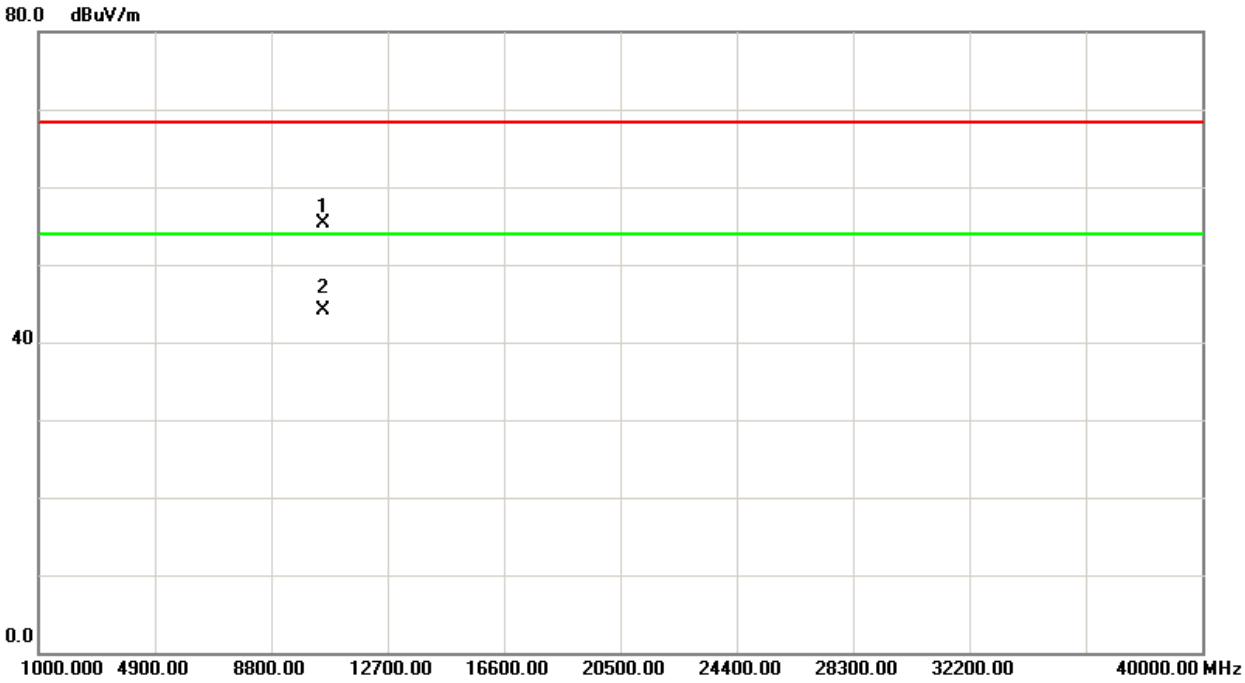
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH54(Above 1000 MHz, Horizontal)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX N40 Mode 5310MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5299.60	V	50.75	40.96	40.46	91.21	81.42	-13.56	-23.35					X/F
5350.00	V	15.33	6.98	40.61	55.94	47.59	-48.83	-57.18	68.30	54.00	-27.00	-41.30	X/E
10620.12	V	41.59	29.68	13.90	55.49	43.58	-49.28	-61.19	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

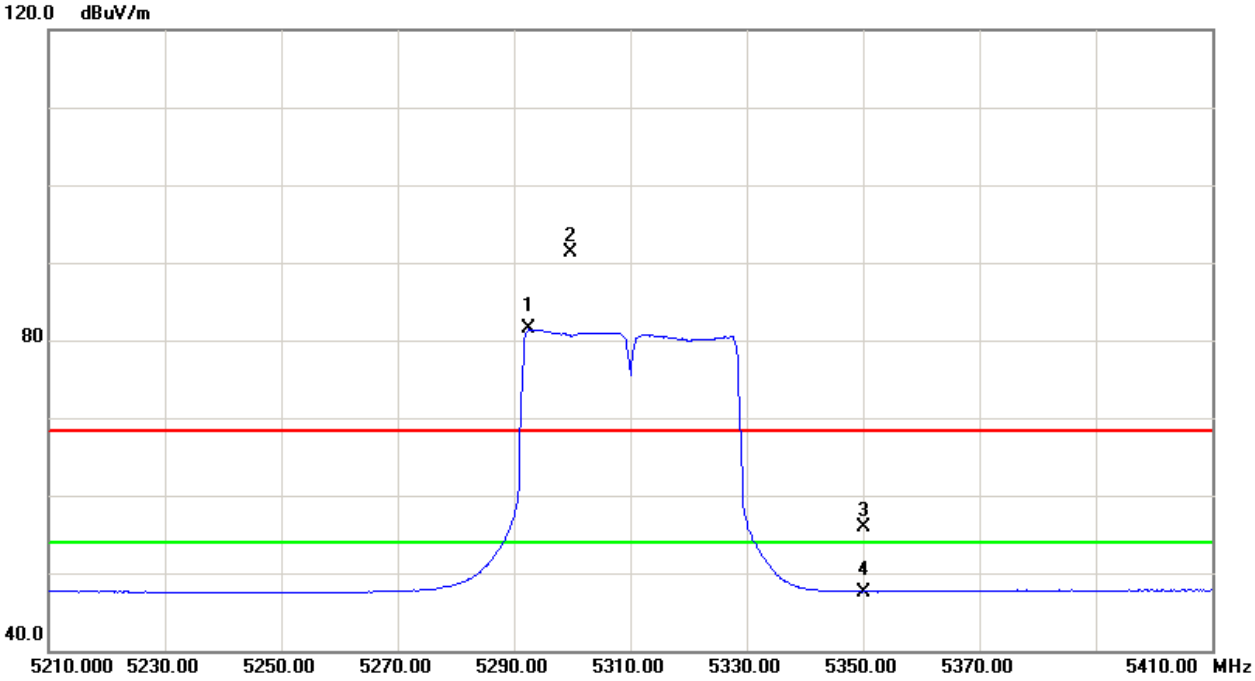
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

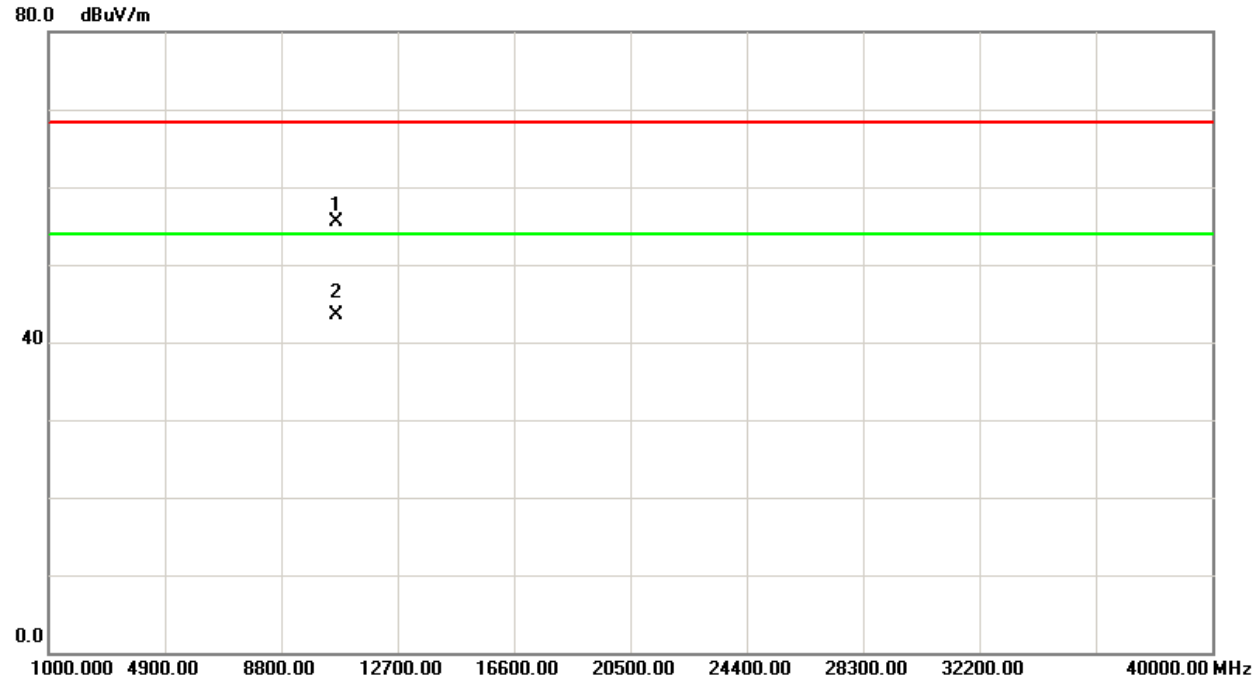
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH62(Above 1000 MHz, Vertical)





EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity :	58 %
Test Voltage :	DC 3.7V		
Test Mode ：	Band 2/ TX N20 Mode 5310MHz		

Freq.	Ant.Pol.	Reading		Ant./CF	Act.(dBuV/m)		Act.(dBm)		Limit(dBuV/m)		Limit(dBm)		Note
		Peak	AV		Peak	AV	Peak	AV	Peak	AV	Peak	AV	
(MHz)	H/V	(dBuV)	(dBuV)	CF(dB)									
5326.00	H	47.74	36.40	40.55	88.29	76.95	-16.48	-27.82					X/F
5350.00	H	15.22	6.92	40.61	55.83	47.53	-48.94	-57.24	68.30	54.00	-27.00	-41.30	X/E
10620.61	H	40.12	28.57	13.90	54.02	42.47	-50.75	-62.30	68.30	54.00	-27.00	-41.30	X/H

Remark：

(1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 40GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = Auto

(2) All readings are Peak unless otherwise stated AV in column of『Note』. Peak denotes that the Peak reading compliance with the AV Limits and then AV Mode measurement didn't perform.

(3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency。"F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)

(4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission 。

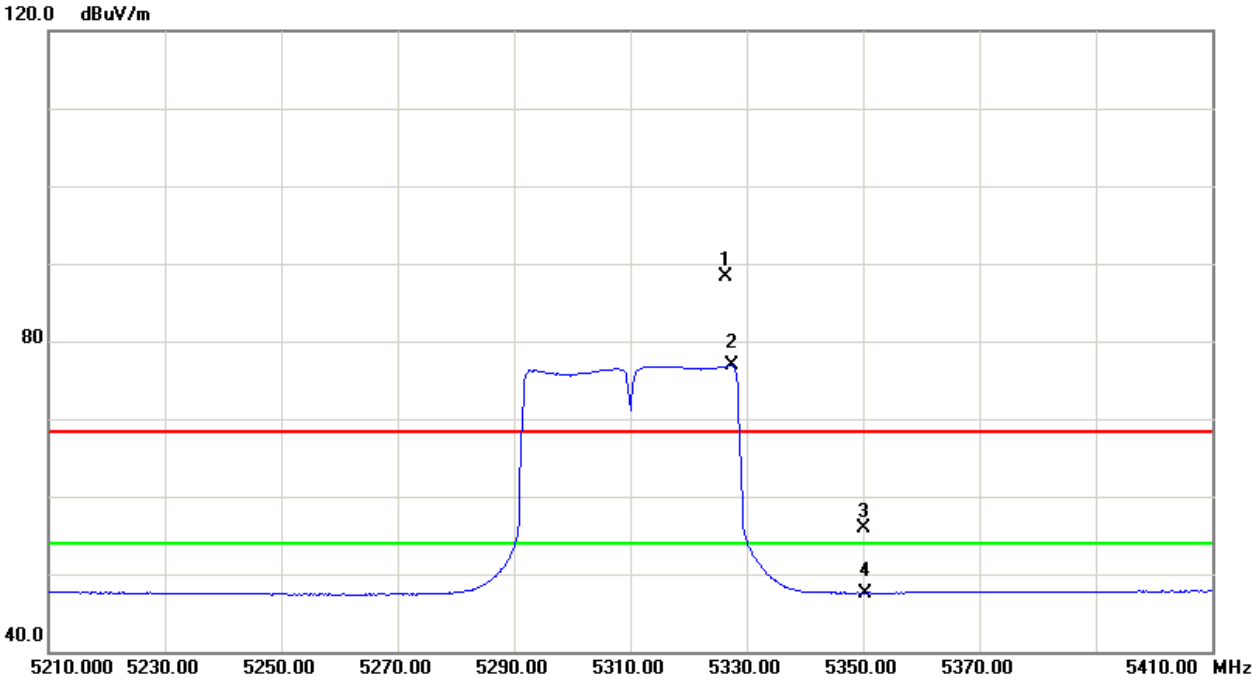
(5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

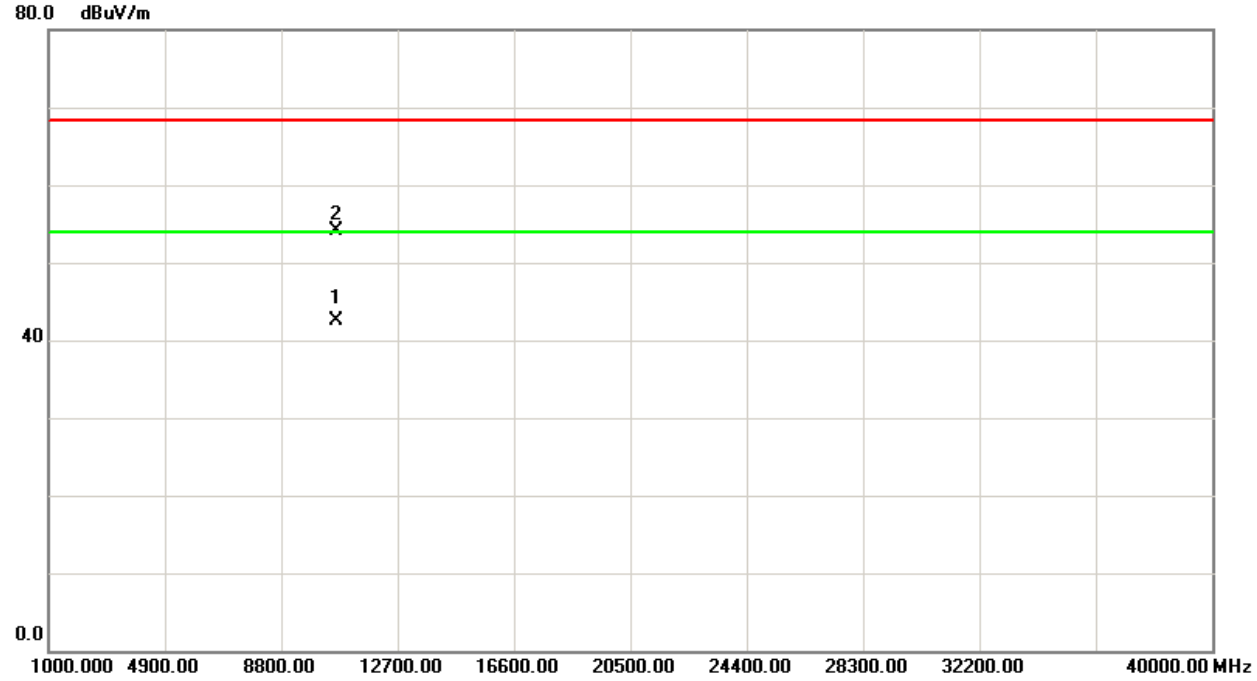
(6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.

(7) EUT Orthogonal Axes：
"X" - denotes Laid on Table；"Y" - denotes Vertical Stand；"Z" - denotes Side Stand

(8) During the measurements above 1GHz it is taken care of that the EUT is always within the 3dB cone of radiation BW of the used antenna.

Orthogonal Axis：X
Band 2/CH62(Above 1000 MHz, Horizontal)





5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
26 dB Bandwidth	------	5150MHz~5250 5250MHz~5350	PASS

5.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2012	Nov.26.2013

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

5.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

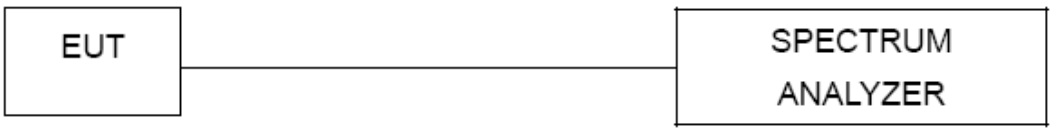
Spectrum Parameters	Setting
Attenuation	Auto
Span Frequency	> 26dB Bandwidth
RB	300 kHz
VB	1000 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

c. Measured the spectrum width with power higher than 26dB below carrier

5.1.3 DEVIATION FROM STANDARD

No deviation.

5.1.4 TEST SETUP



5.1.5 EUT OPERATION CONDITIONS

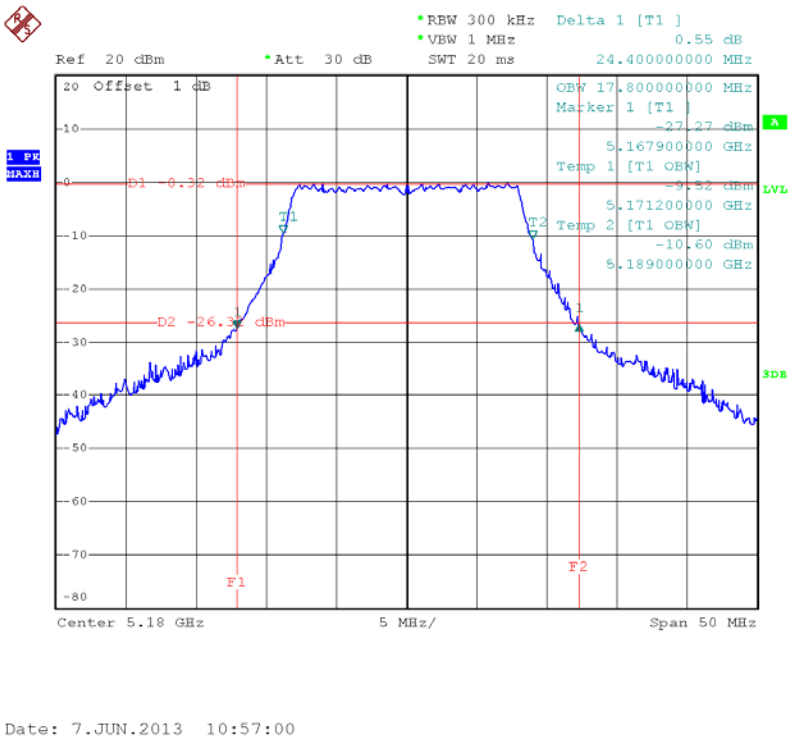
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.6 TEST RESULTS

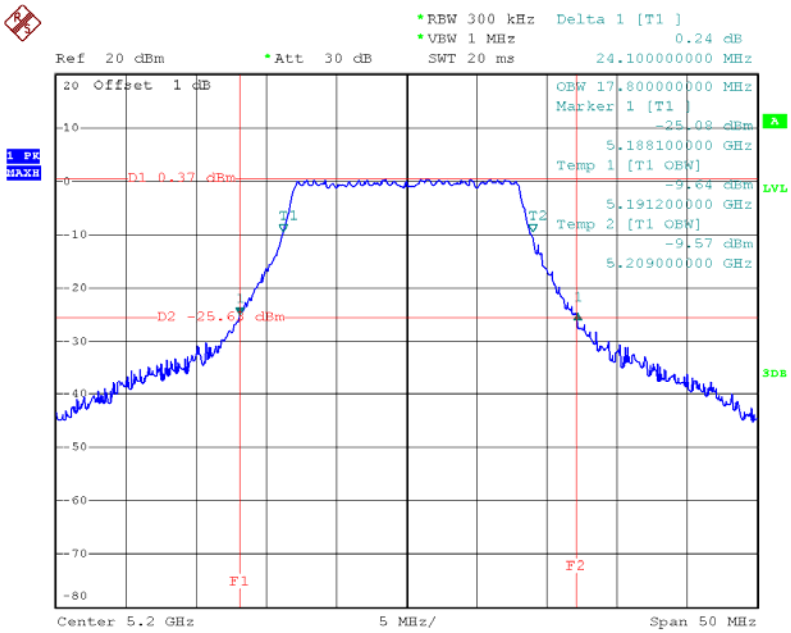
EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX A Mode /CH36, CH40, CH48		

Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	24.40	17.80
CH40	5200	24.10	17.80
CH48	5240	24.20	17.80

CH36

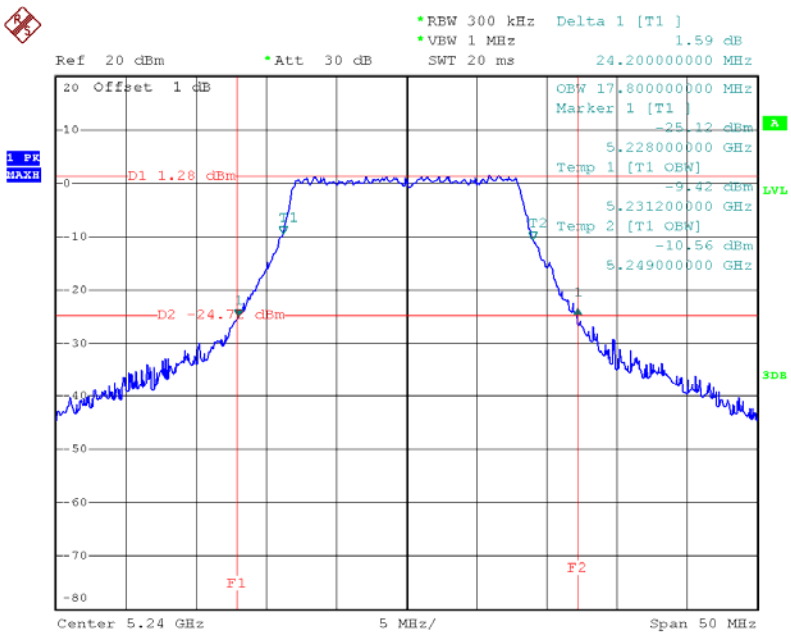


CH40



Date: 7.JUN.2013 10:59:59

CH48

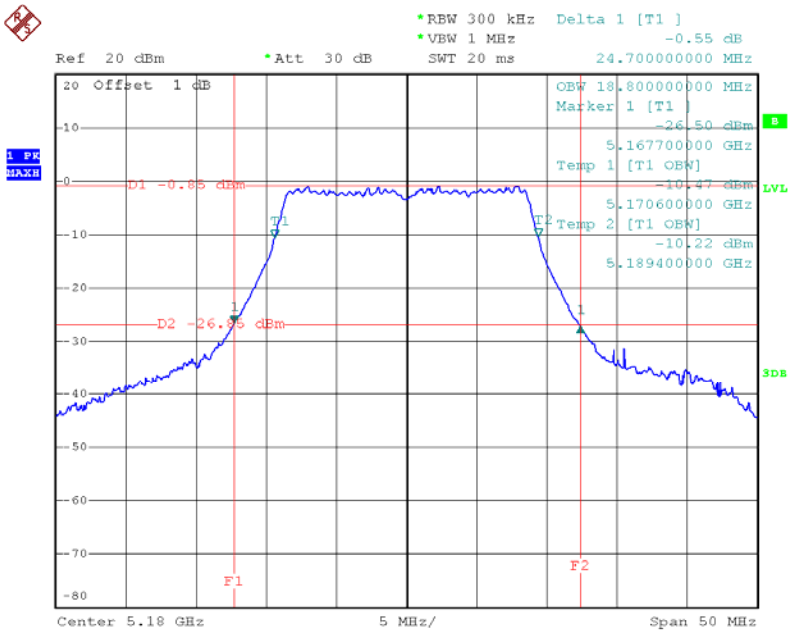


Date: 7.JUN.2013 11:00:59

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX N20 Mode /CH36, CH40, CH48		

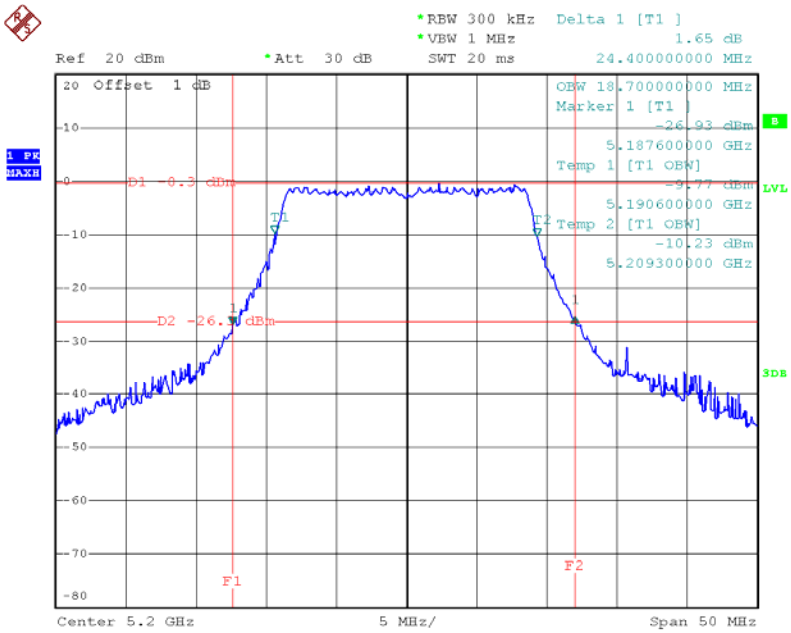
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH36	5180	24.70	18.80
CH40	5200	24.40	18.70
CH48	5240	24.50	18.70

CH36



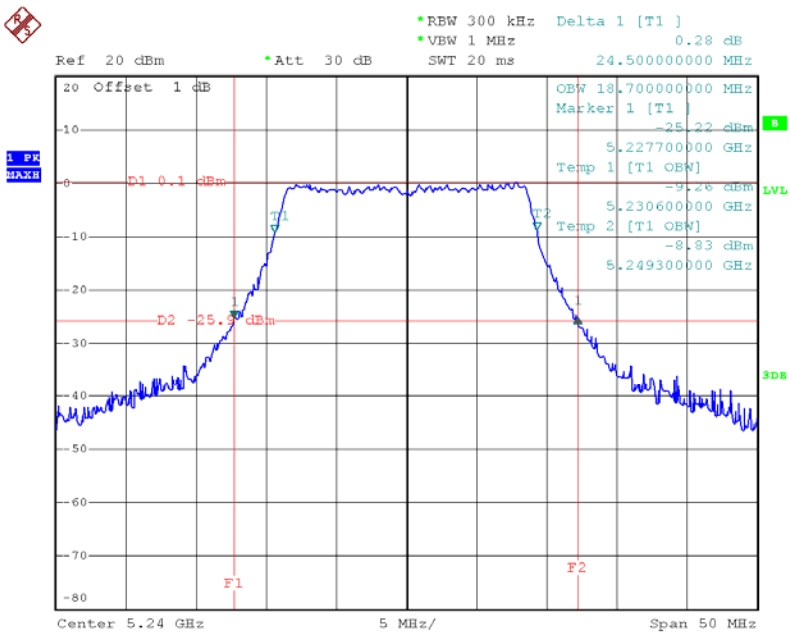
Date: 6.JUN.2013 14:18:57

CH40



Date: 6.JUN.2013 14:49:56

CH48

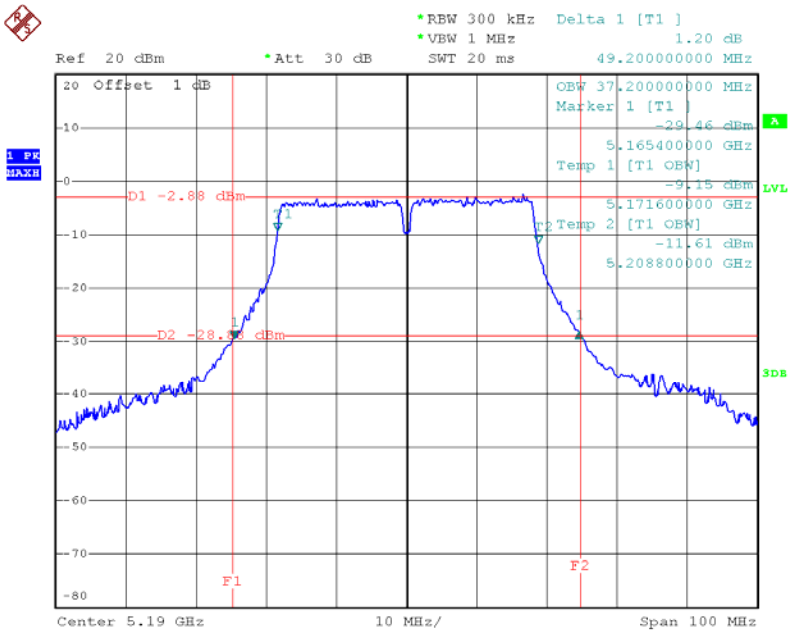


Date: 6.JUN.2013 14:54:19

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX N40 Mode /CH38, CH46		

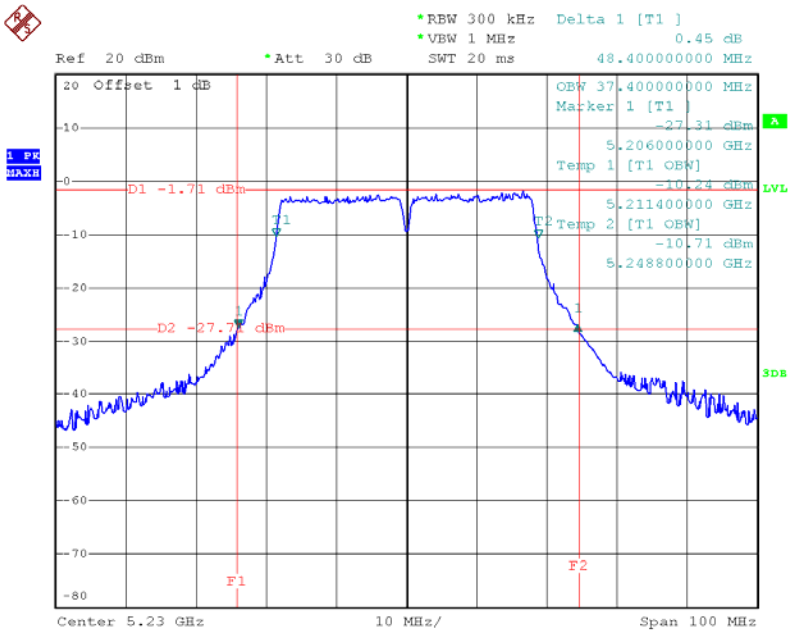
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH38	5190	49.20	37.20
CH46	5230	48.40	37.40

CH38



Date: 7.JUN.2013 10:09:26

CH46

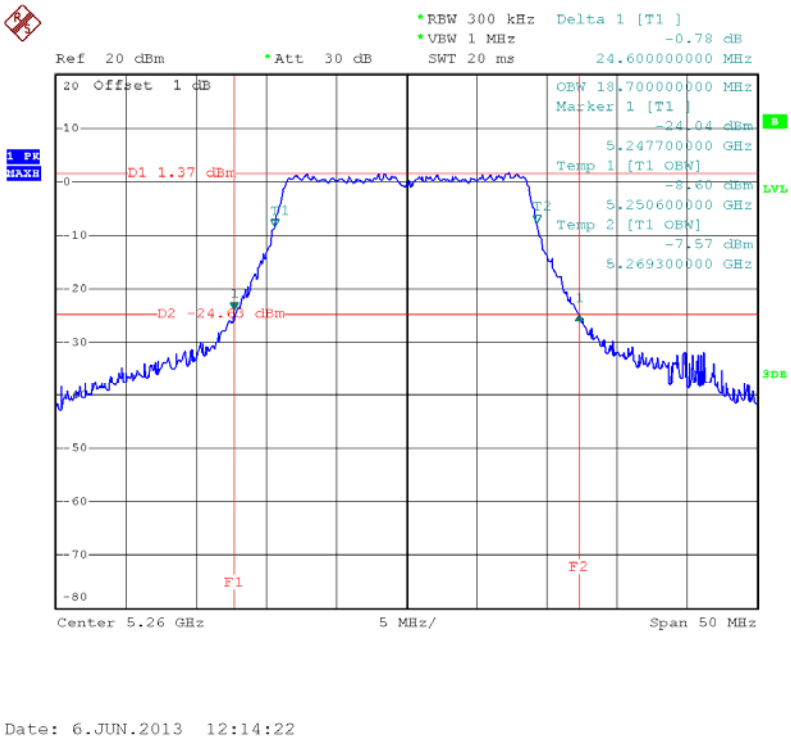


Date: 7.JUN.2013 10:49:37

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX A Mode /CH52, CH56, CH64		

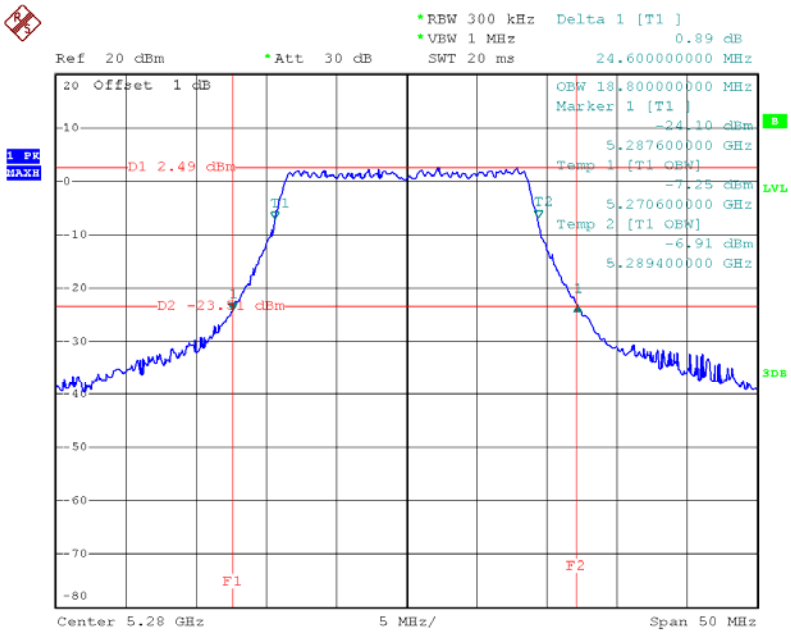
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	24.60	18.70
CH56	5280	24.60	18.80
CH64	5320	24.80	18.80

CH52



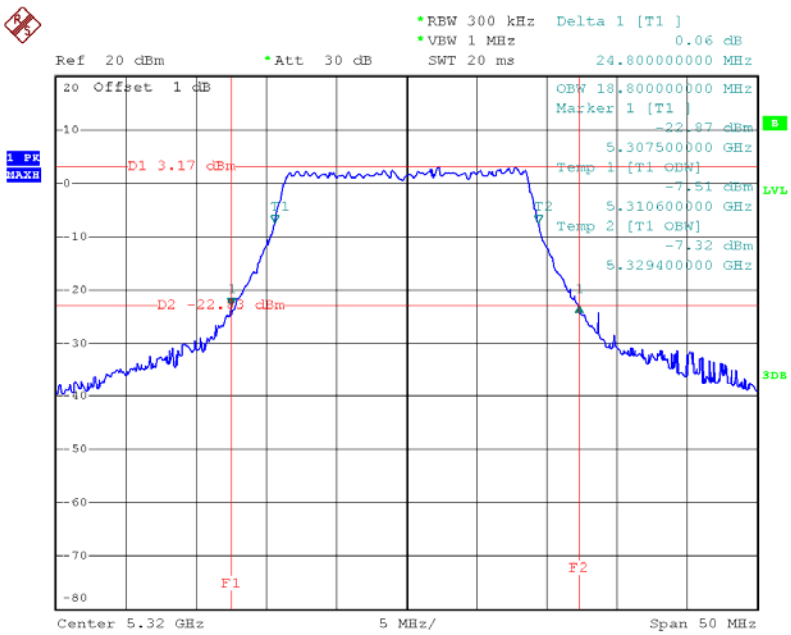
Date: 6.JUN.2013 12:14:22

CH56



Date: 6.JUN.2013 13:56:42

CH64

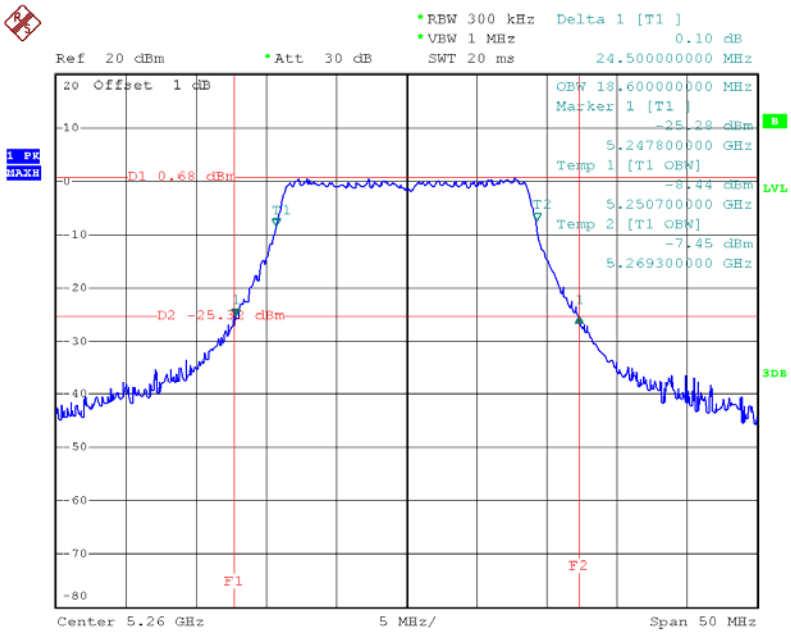


Date: 6.JUN.2013 13:59:27

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX N20 Mode /CH52, CH56, CH64		

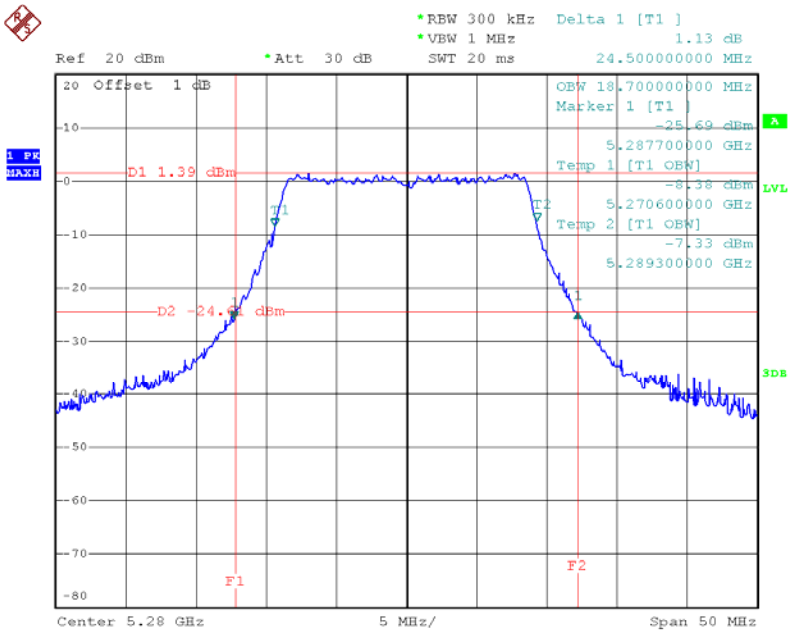
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH52	5260	24.50	18.60
CH56	5280	24.50	18.70
CH64	5320	24.70	18.70

CH52



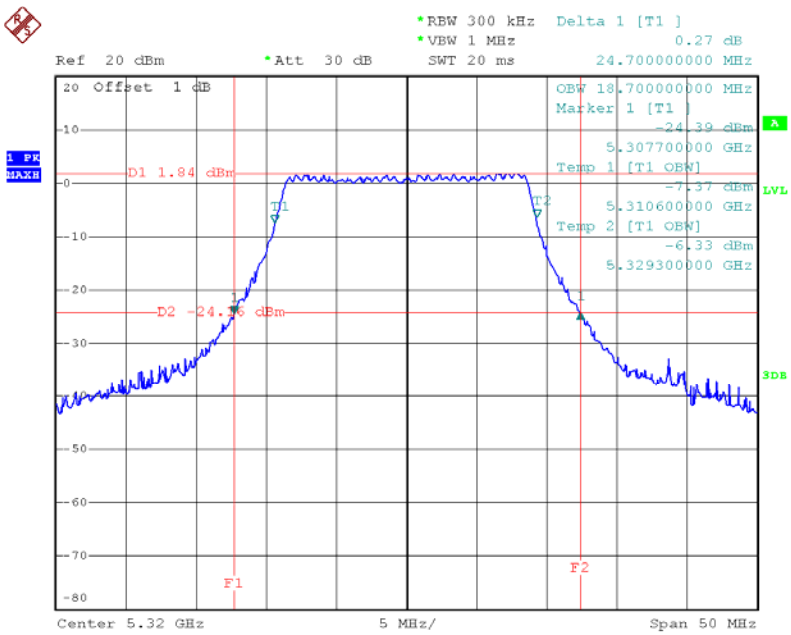
Date: 6.JUN.2013 14:56:30

CH56



Date: 7.JUN.2013 11:25:37

CH64

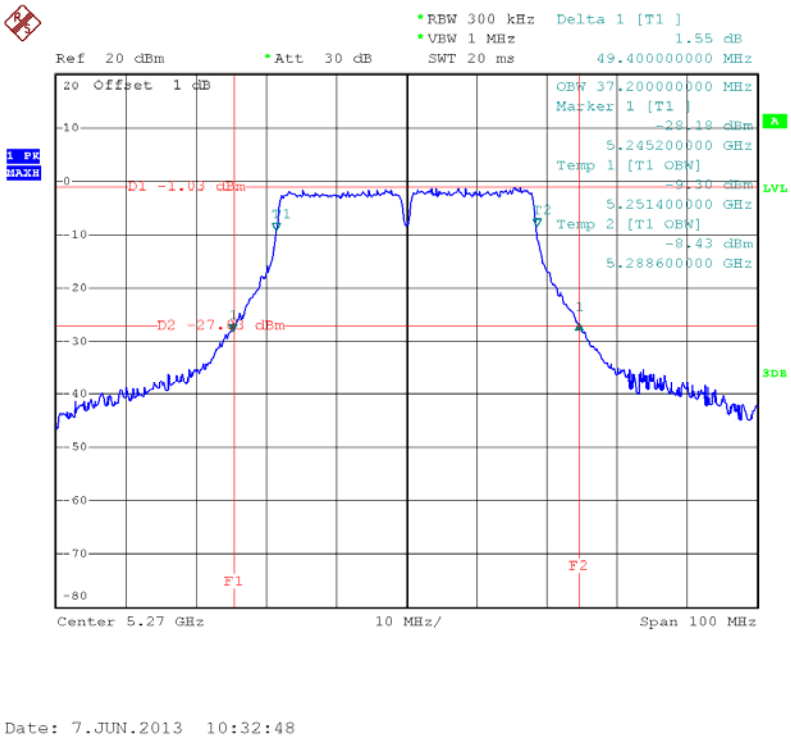


Date: 6.JUN.2013 15:31:44

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX N40 Mode /CH54, CH62		

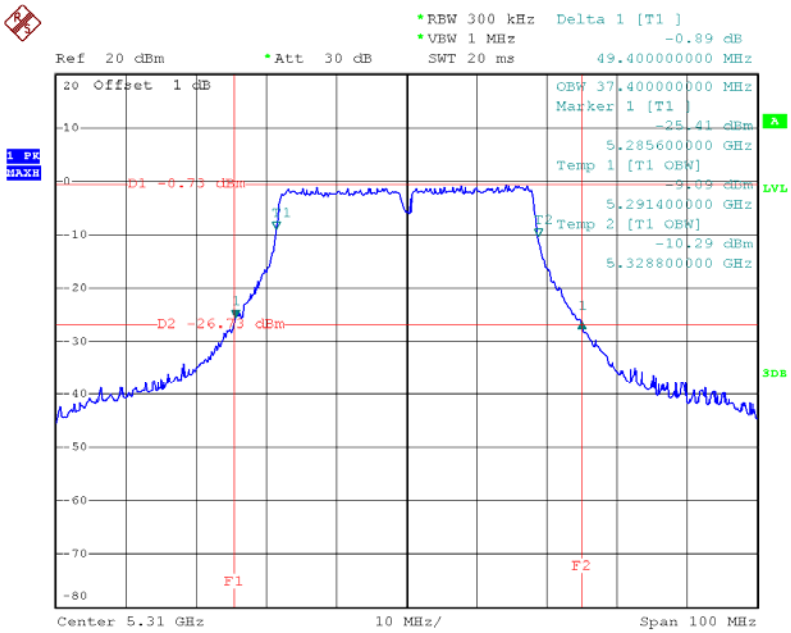
Channel	Frequency (MHz)	26dB Bandwidth (MHz)	99% Occupied Bandwidth (MHz)
CH54	5270	49.40	37.20
CH62	5310	49.40	37.40

CH54



Date: 7.JUN.2013 10:32:48

CH62



Date: 7.JUN.2013 10:42:09

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Frequency Range (MHz)	Limit	Result
Maximum Conducted Output Power	5150 - 5250	not exceed the lesser of 50 mW (17dBm) or 4 dBm + 10log B,	PASS
	5250 - 5350	not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10log B	PASS

Note: where "B" is the 26 dB emissions bandwidth in MHz.

6.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2012	Nov.26.2013

Remark: "N/A" denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

6.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

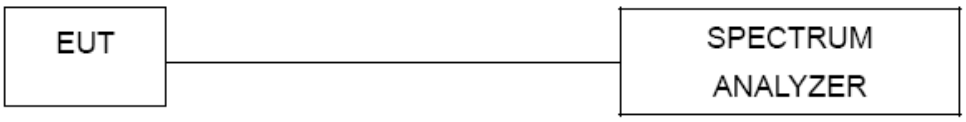
Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1 MHz.
VBW	≥ 3 MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	auto

b. Test was performed in accordance with method of KDB 789033 D01.

6.1.3 DEVIATION FROM STANDARD

No deviation.

6.1.4 TEST SETUP



6.1.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

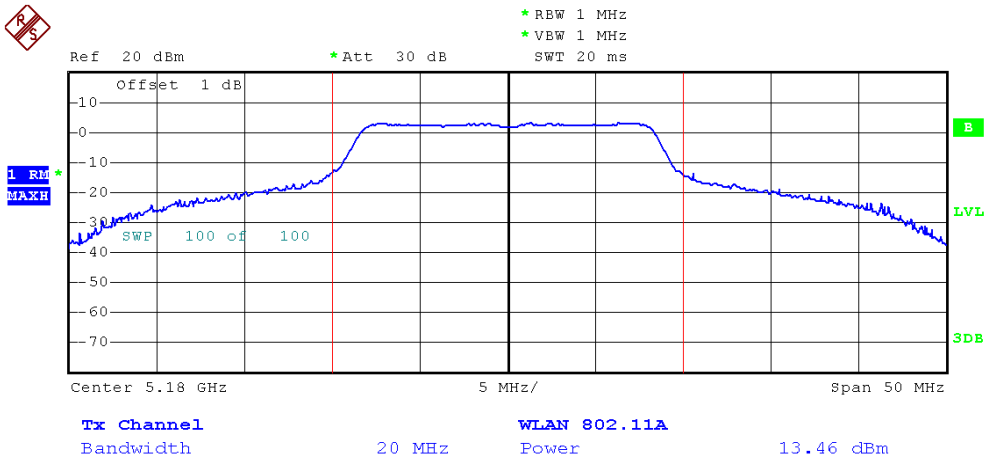
6.1.6 TEST RESULTS

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX A Mode/CH36, CH40, CH48		

Output Power

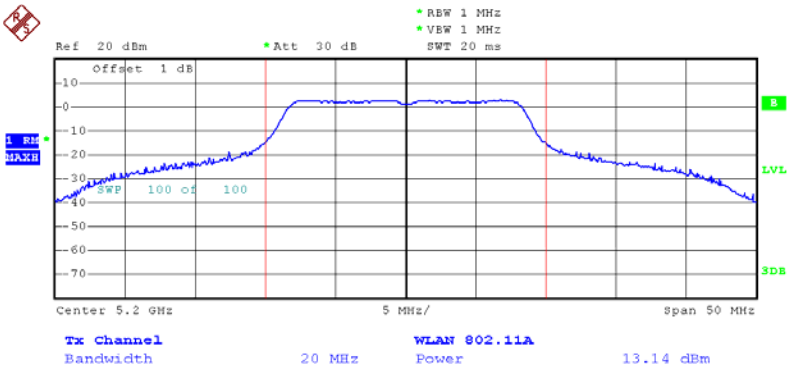
Test Channel	Frequency (MHz)	Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	13.46	17.00	0.0501
CH40	5200	13.14	17.00	0.0501
CH48	5240	13.50	17.00	0.0501

CH36



Date: 7.JUN.2013 11:58:57

CH40



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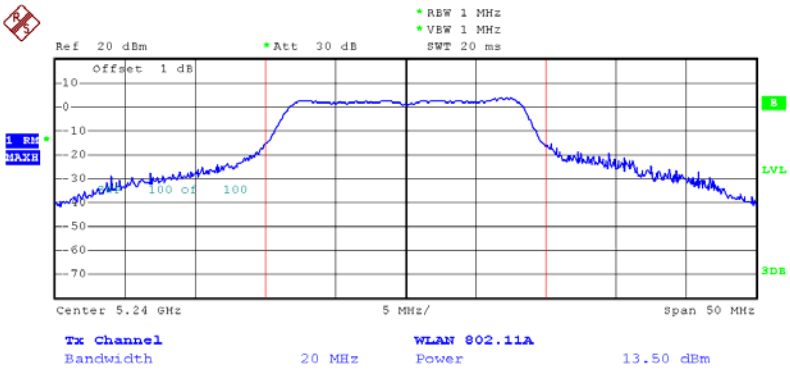
CH48

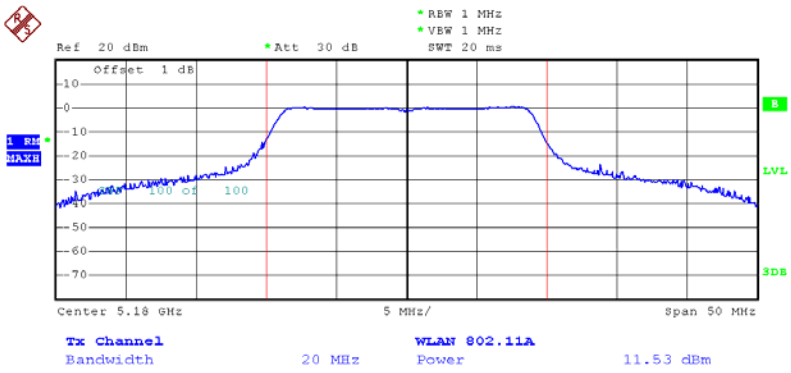


Date: 7.JUN.2013 12:01:06

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX N20 Mode/CH36, CH40, CH48		

Test Channel	Frequency (MHz)	Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH36	5180	11.53	17.00	0.0501
CH40	5200	11.99	17.00	0.0501
CH48	5240	12.58	17.00	0.0501

CH36



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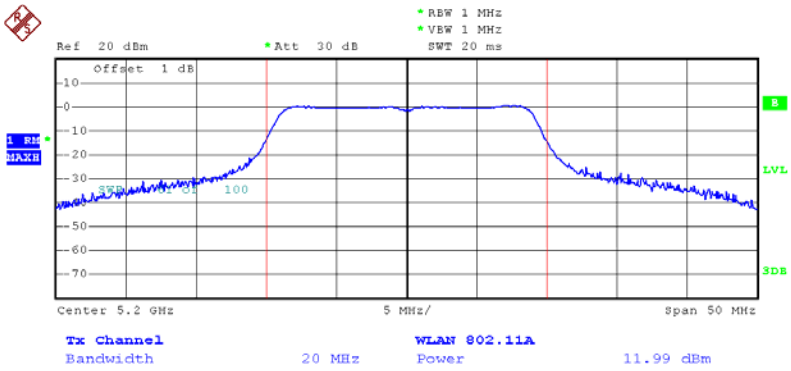
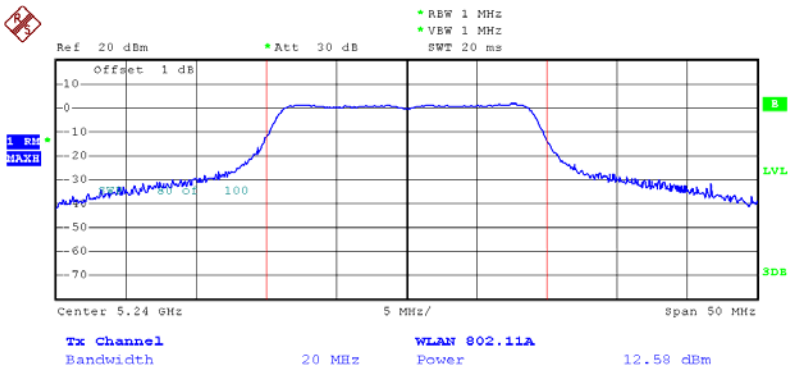
CH40



Date: 7.JUN.2013 12:14:10

CH48

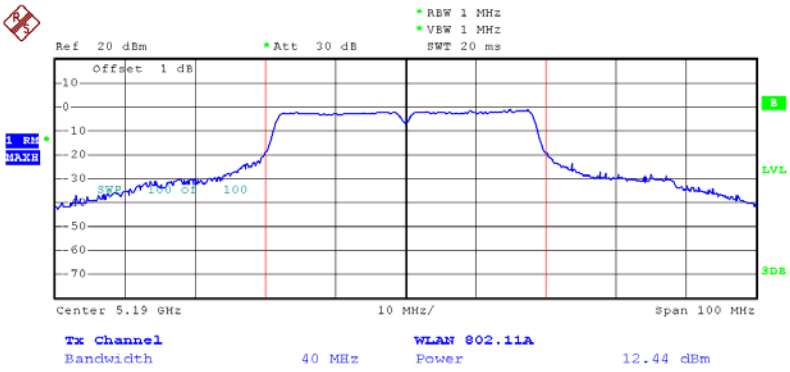


Date: 7.JUN.2013 12:15:46

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX N40 Mode/CH38, CH46		

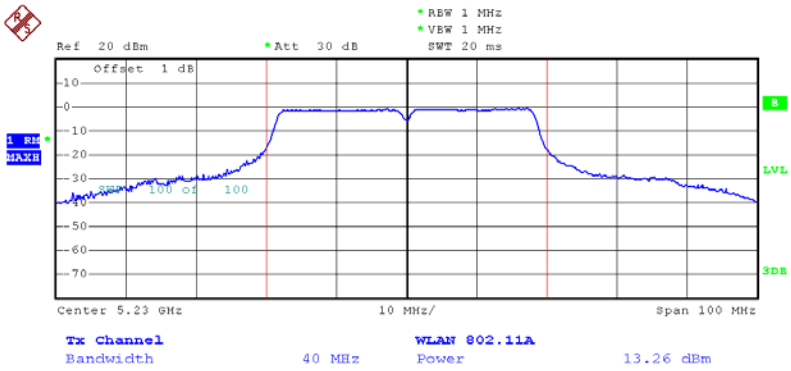
Test Channel	Frequency (MHz)	Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH38	5190	12.44	17.00	0.0501
CH46	5230	13.26	17.00	0.0501

CH38



Date: 7.JUN.2013 14:03:37

CH46



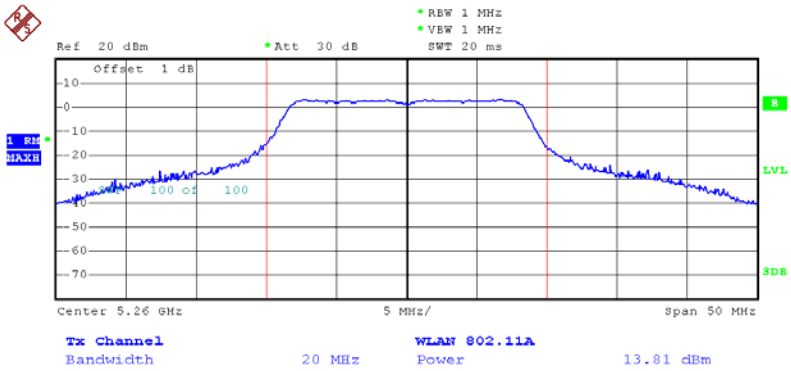
Date: 7.JUN.2013 14:06:00

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX A Mode/CH52, CH56, CH64		

Peak Output Power

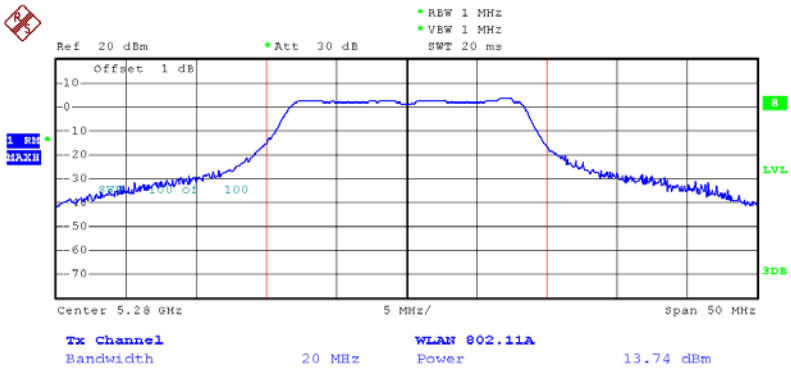
Test Channel	Frequency (MHz)	Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	13.81	24	0.251
CH56	5280	13.74	24	0.251
CH64	5320	13.63	24	0.251

CH52



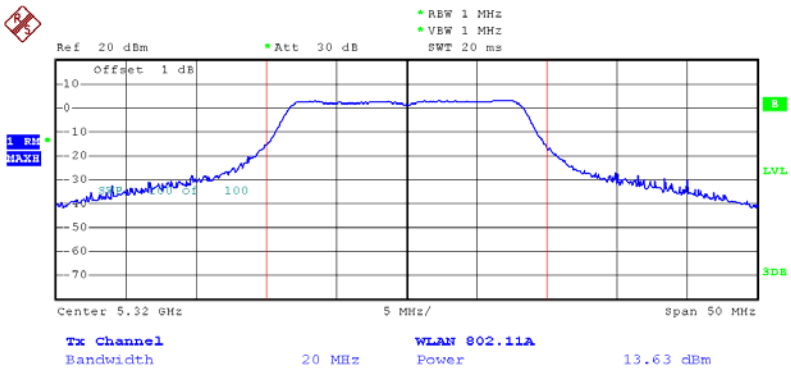
Date: 7.JUN.2013 12:01:39

CH56



Date: 7.JUN.2013 12:02:16

CH64

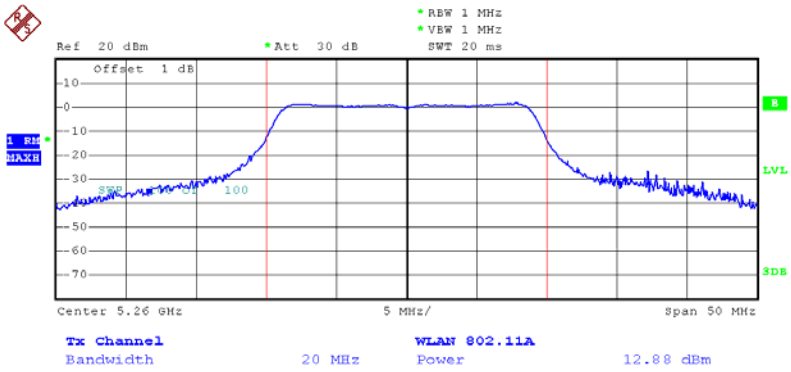


Date: 7.JUN.2013 12:02:42

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX N20 Mode/CH52, CH56, CH64		

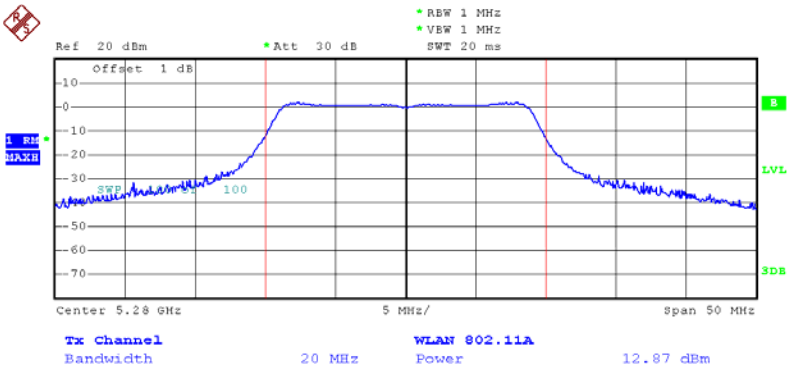
Test Channel	Frequency (MHz)	Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH52	5260	12.88	24	0.251
CH56	5280	12.87	24	0.251
CH64	5320	12.53	24	0.251

CH52



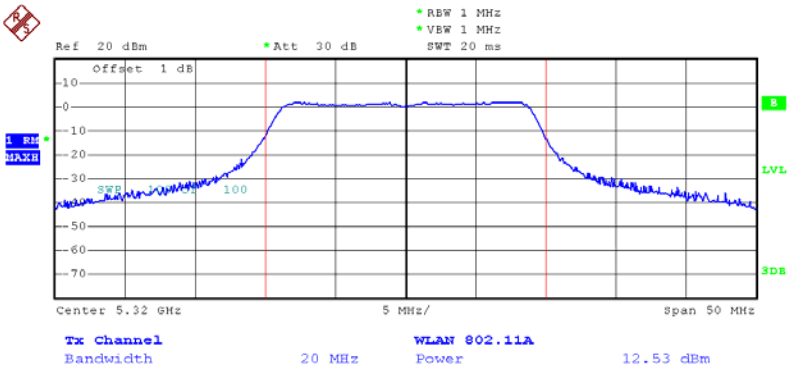
Date: 7.JUN.2013 12:16:23

CH56



Date: 7.JUN.2013 12:17:09

CH64

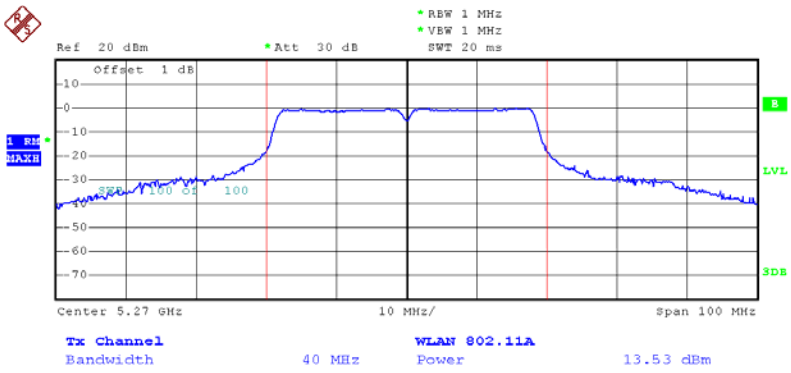


Date: 7.JUN.2013 12:17:31

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX N40 Mode/CH54, CH62		

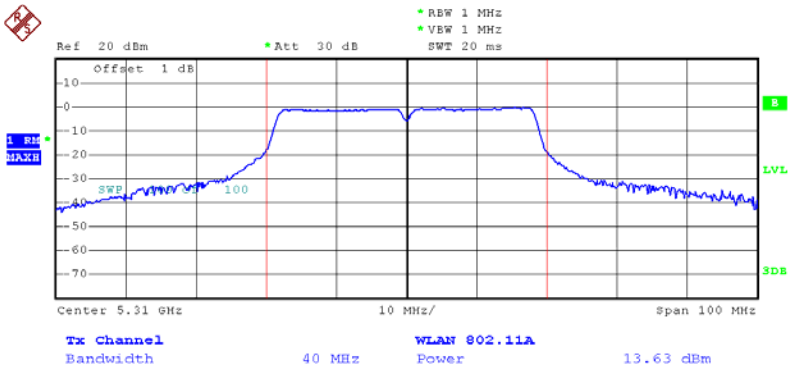
Test Channel	Frequency (MHz)	Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH54	5270	13.53	24	0.251
CH62	5310	13.63	24	0.251

CH54



Date: 7.JUN.2013 14:06:35

CH62



Date: 7.JUN.2013 14:07:10

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Antenna conducted Spurious Emission	-27 dBm/1MHz	5150 – 5250 5250 – 5350	PASS

7.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2012	Nov.26.2013

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

7.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

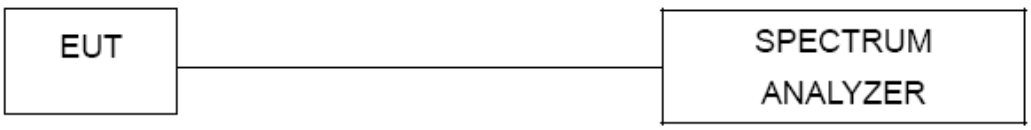
b.

Spectrum Parameter	Setting
Attenuation	Auto
RB	1000 kHz
VB	1000 kHz
Trace	Max Hold
Sweep Time	Auto

7.1.3 DEVIATION FROM STANDARD

No deviation.

7.1.4 TEST SETUP



7.1.5 EUT OPERATION CONDITIONS

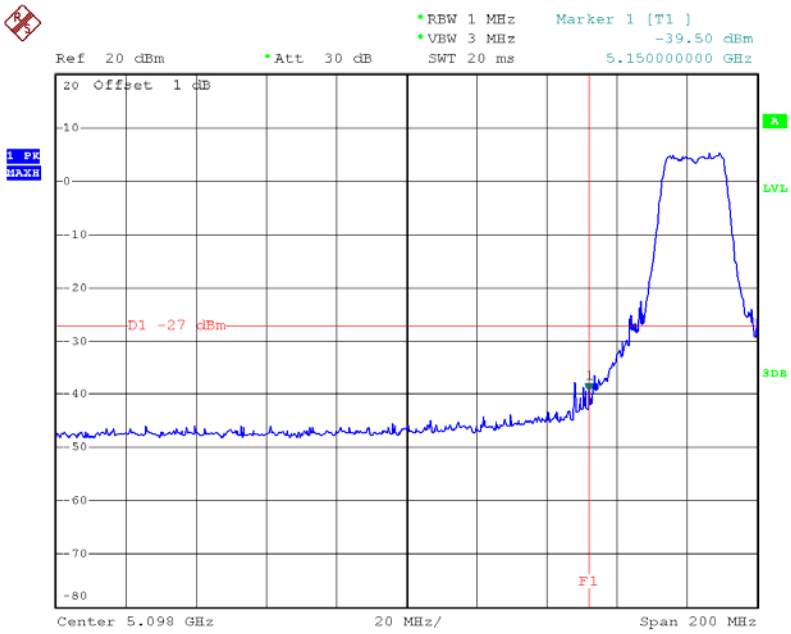
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

7.1.6 TEST RESULTS

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX A Mode/ CH36, CH40, CH48		

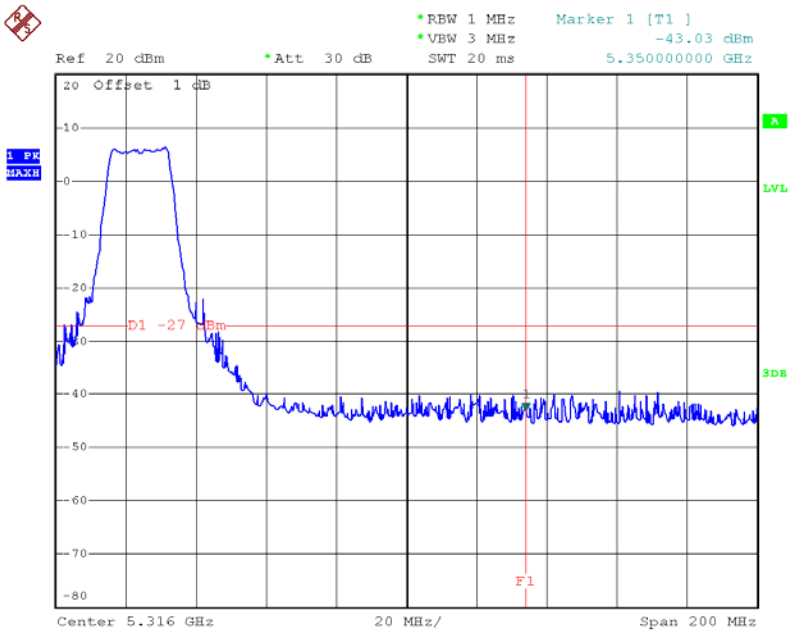
Channel of Worst Data: CH36			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5150.00	-39.50	5350.00	-43.30
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH36



Date: 6.JUN.2013 11:59:17

TX mode CH48

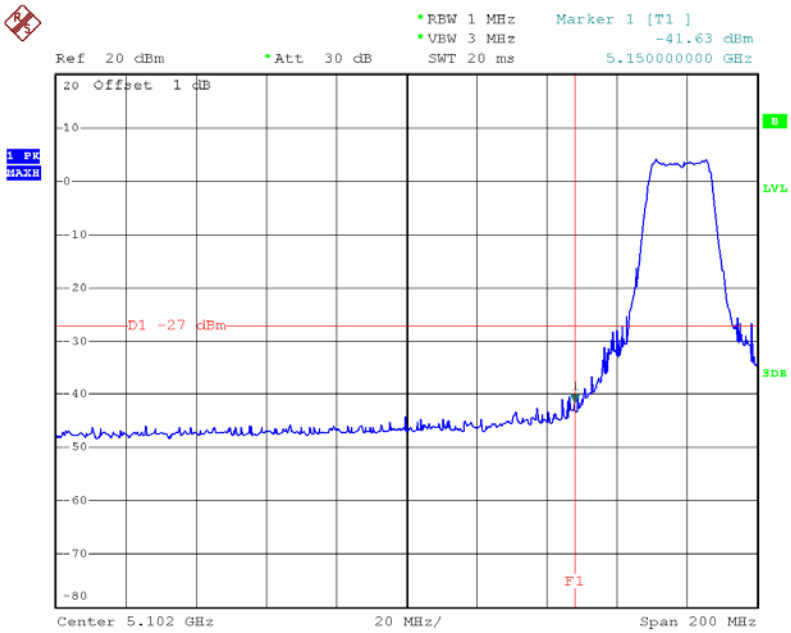


Date: 6.JUN.2013 12:00:25

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX N20 Mode/ H36, CH40 , CH48		

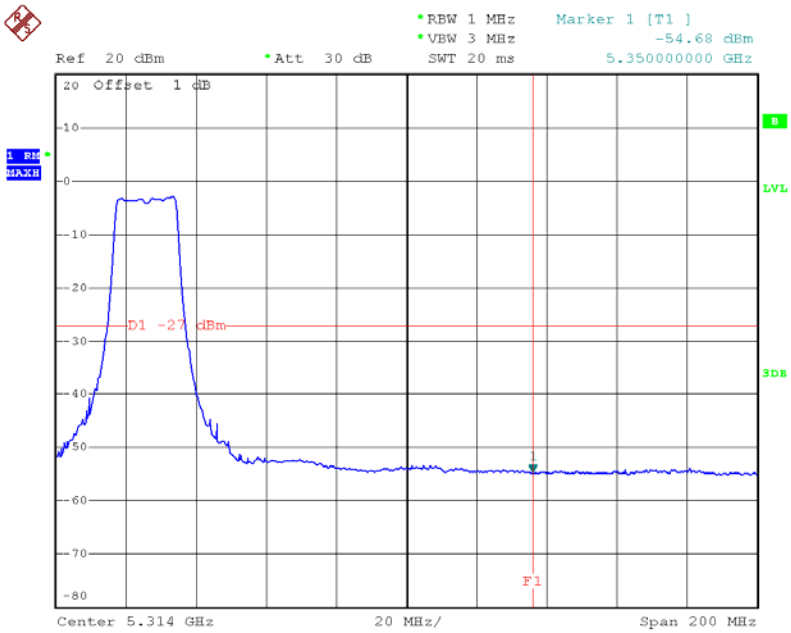
Channel of Worst Data: CH36			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5150.00	-41.63	5350.00	-54.68
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH36



Date: 6.JUN.2013 14:05:48

TX mode CH48

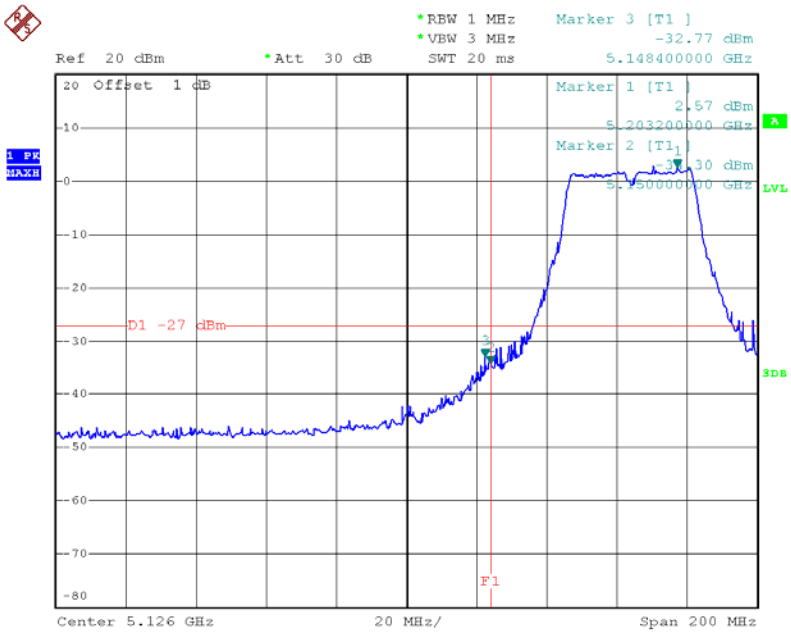


Date: 6.JUN.2013 14:52:29

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX N40 Mode/ CH38, CH46		

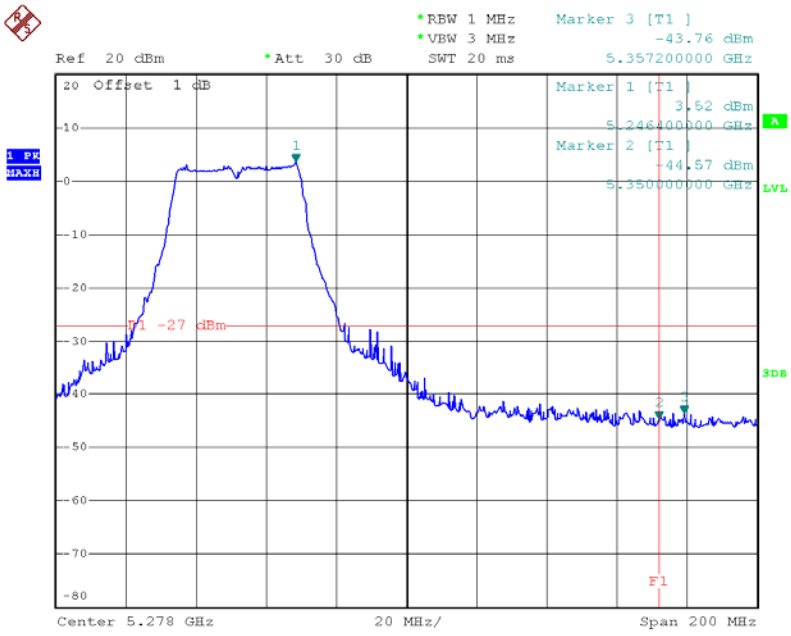
Channel of Worst Data: CH38			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5148.40	-32.77	5357.20	-43.76
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH38



Date: 7.JUN.2013 10:12:47

TX mode CH46

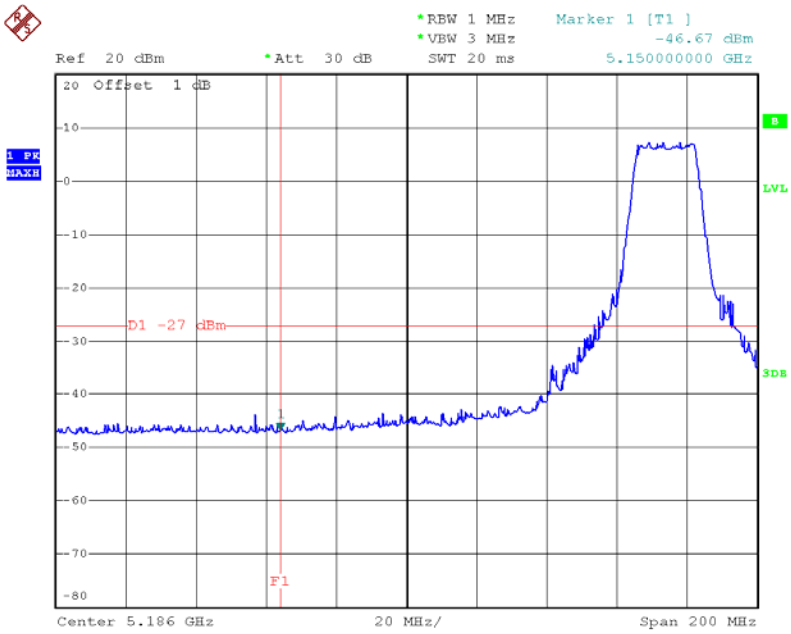


Date: 7.JUN.2013 10:26:55

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX A Mode/ CH52, CH56 , CH60		

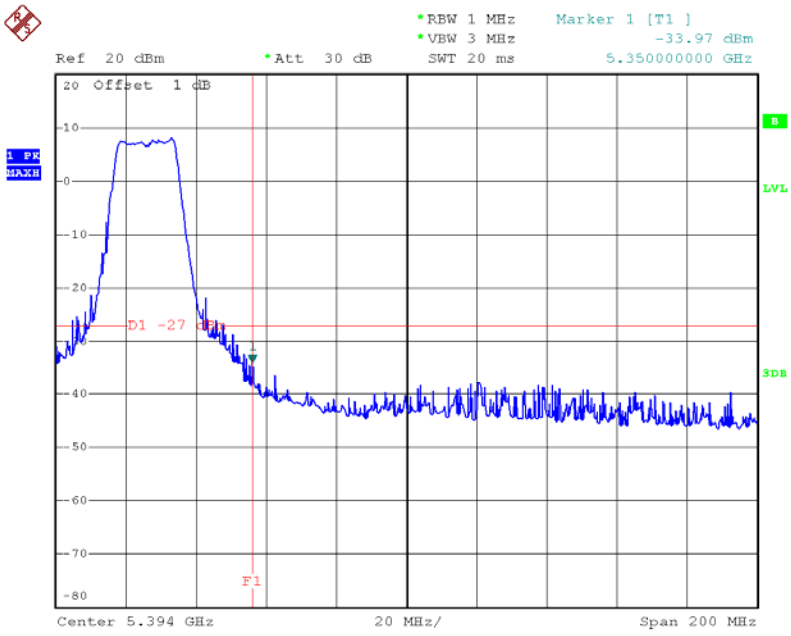
Channel of Worst Data: CH52			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5150.00	-46.67	5350.00	-33.97
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH52



Date: 6.JUN.2013 12:16:23

TX mode CH64

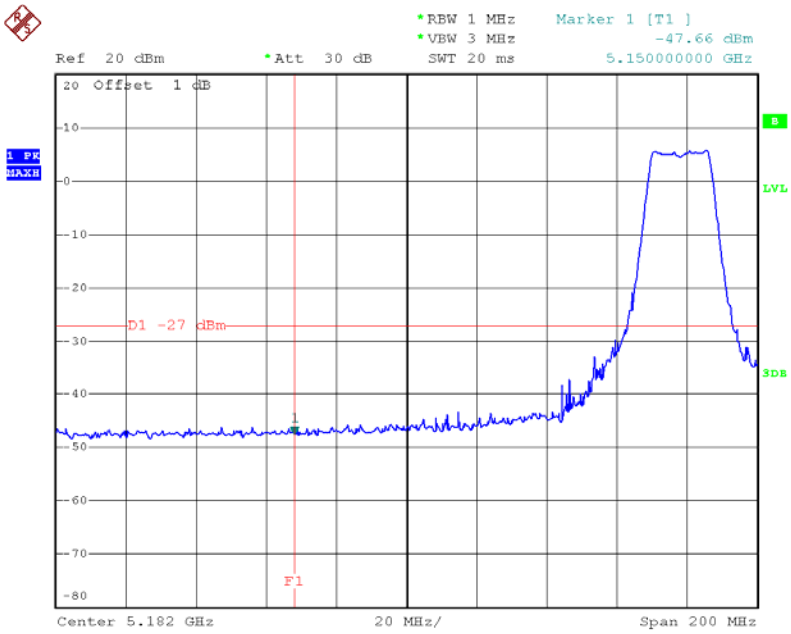


Date: 6.JUN.2013 14:02:02

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX N20 Mode/ CH52, CH56 , CH64		

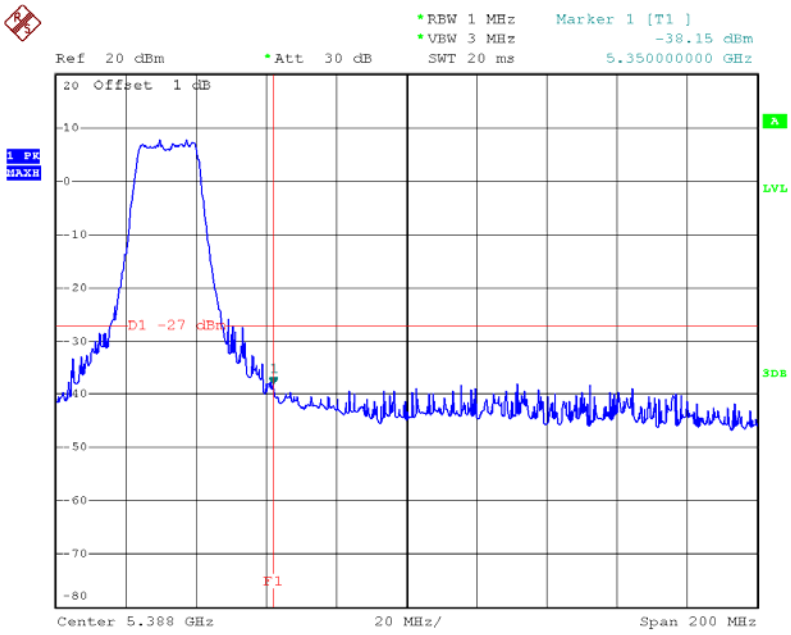
Channel of Worst Data: CH52			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5150.00	-47.66	5350.00	-38.15
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH52



Date: 6.JUN.2013 14:58:13

TX mode CH64

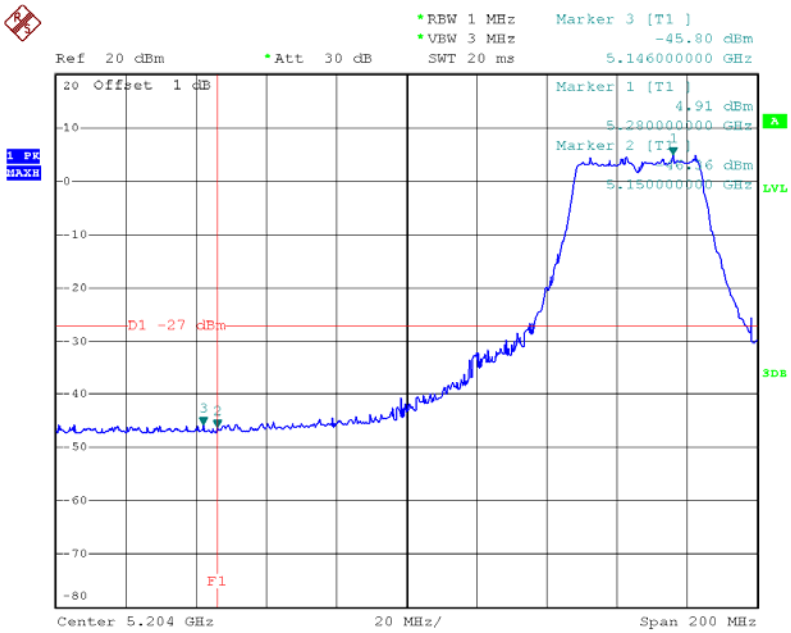


Date: 6.JUN.2013 15:30:24

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX N40 Mode/ CH54, CH62		

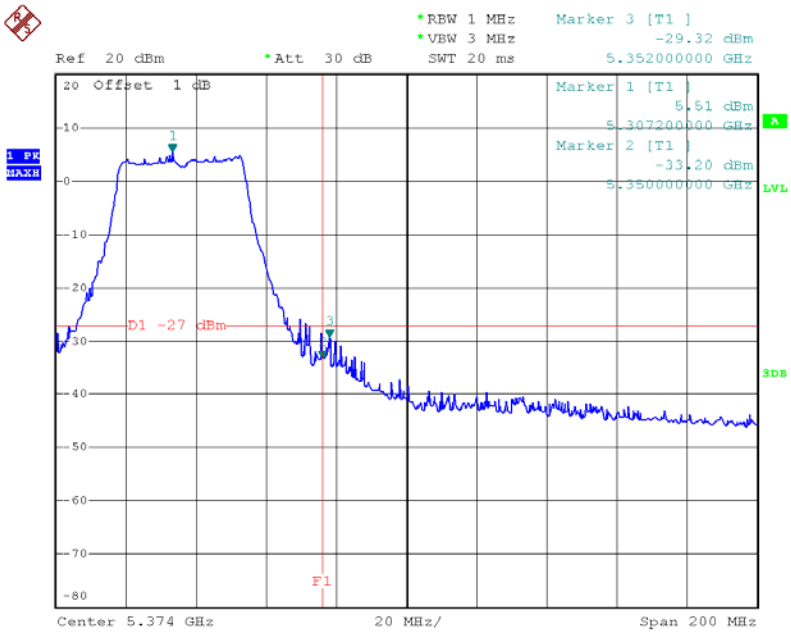
Channel of Worst Data: CH54			
The max. radio frequency power in any 1000kHz bandwidth outside the frequency band		The max. radio frequency power in any 1000kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
5146.00	-45.80	5352.00	-29.32
Limit: -27 dBm/1MHz Result:PASS			
Measurement method: S.A Read value+Ant gain+cable loss			

TX mode CH54



Date: 7.JUN.2013 10:29:27

TX mode CH62



Date: 7.JUN.2013 10:39:08

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	4 dBm (in any 1MHz band)	5150 - 5250	PASS
	11 dBm (in any 1MHz band)	5250 - 5350	PASS

8.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2012	Nov.26.2013

Remark: “N/A” denotes no model name, serial no. or calibration specified.

8.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

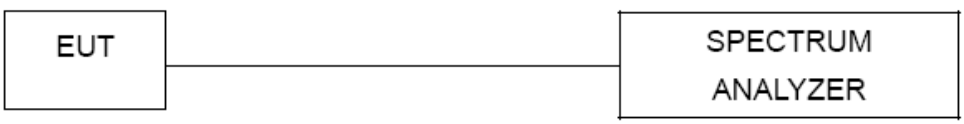
b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RB	= 1 MHz.
VB	≥ 3 MHz.
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

8.1.3 DEVIATION FROM STANDARD

No deviation.

8.1.4 TEST SETUP



8.1.5 EUT OPERATION CONDITIONS

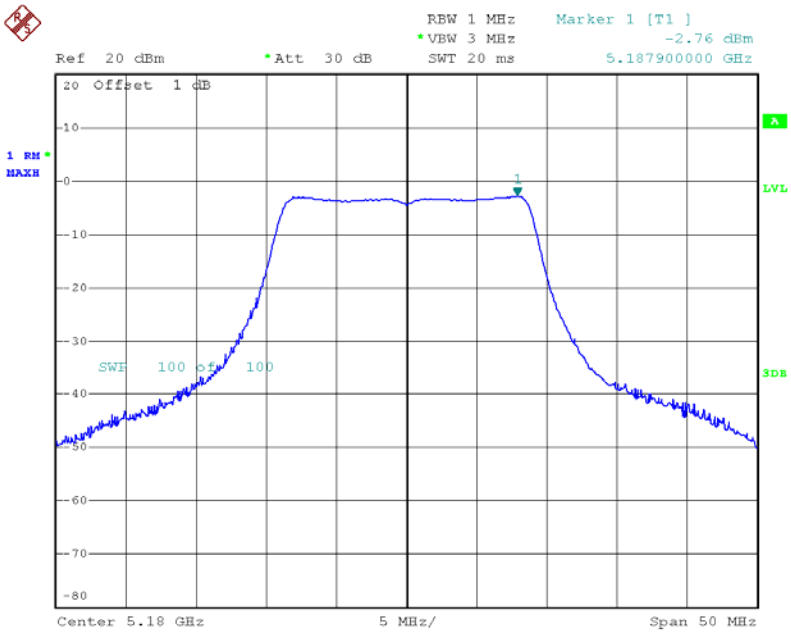
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

8.1.6 TEST RESULTS

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX A Mode/CH36, CH40, CH48		

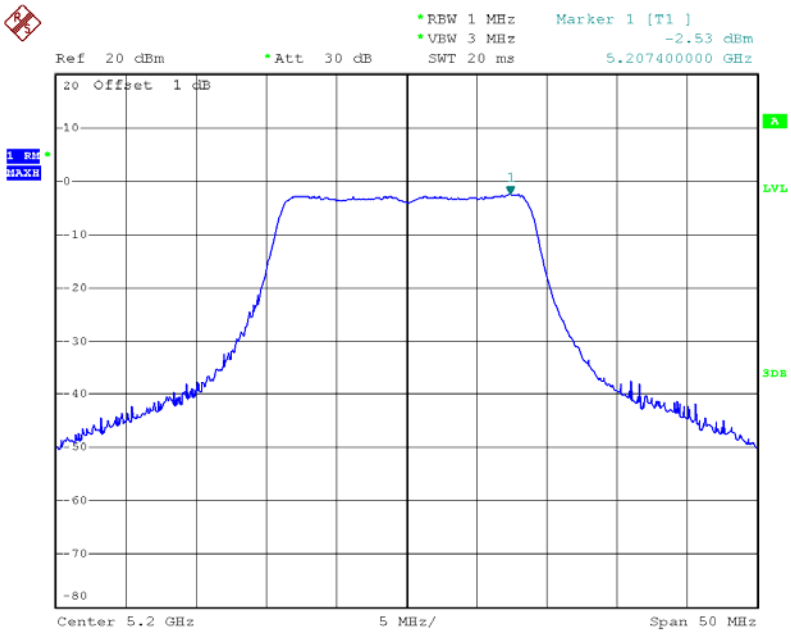
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH36	5180	-2.76	4.00
CH40	5200	-2.53	4.00
CH48	5240	-1.88	4.00

CH36



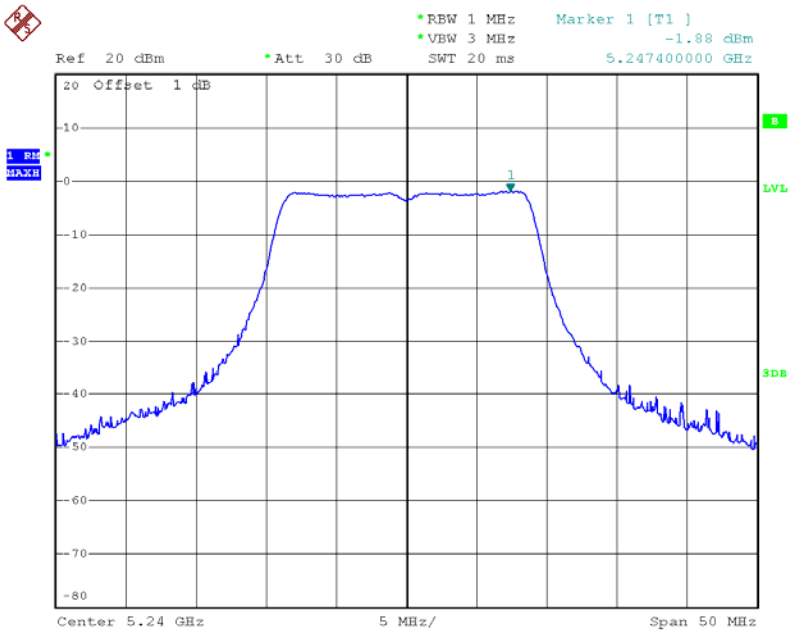
Date: 6.JUN.2013 11:49:53

CH40



Date: 6.JUN.2013 12:05:47

CH48

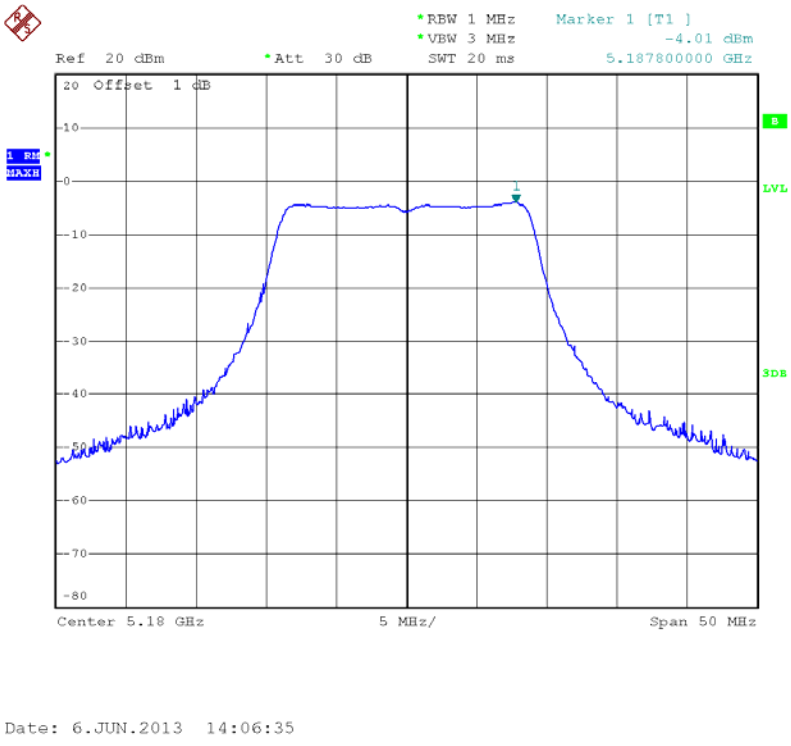


Date: 6.JUN.2013 12:11:32

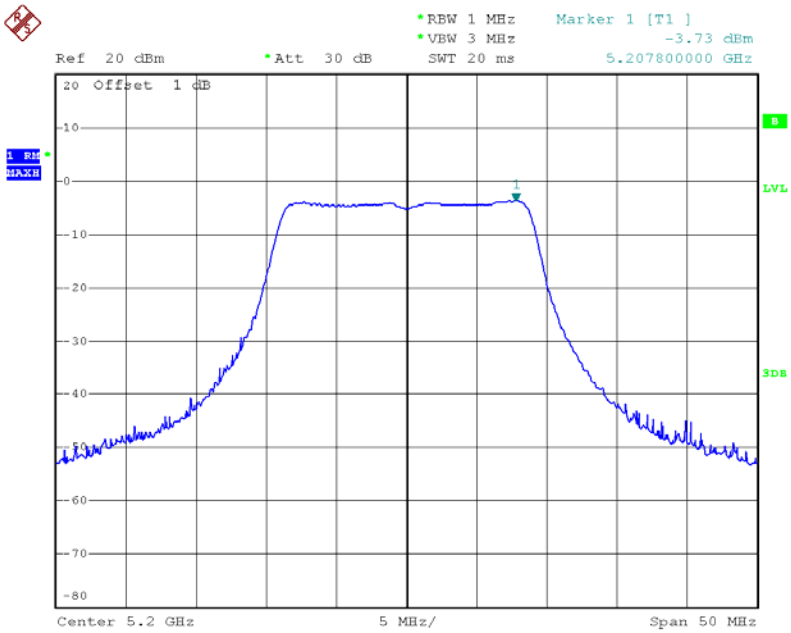
EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX N20 Mode/CH36, CH40, CH48		

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH36	5180	-4.01	4.00
CH40	5200	-3.73	4.00
CH48	5240	-2.82	4.00

CH36

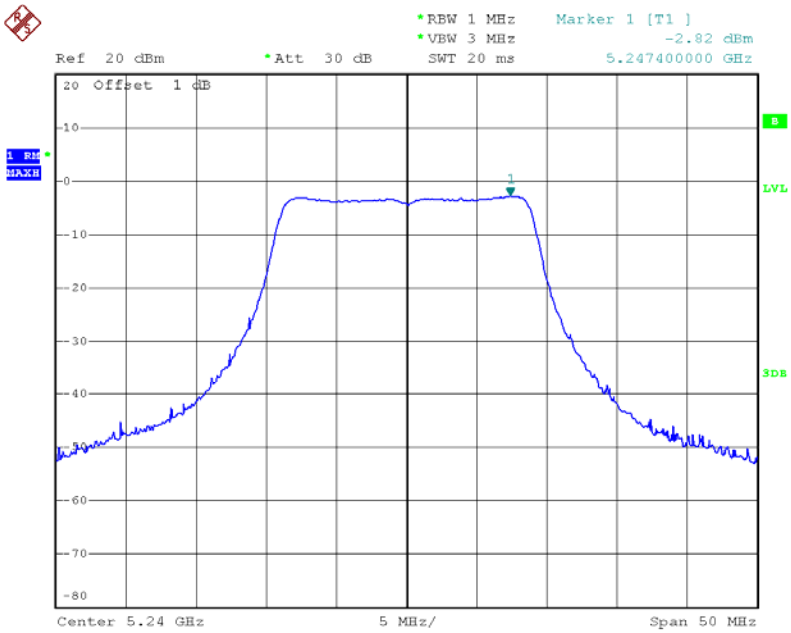


CH40



Date: 6.JUN.2013 14:50:17

CH48

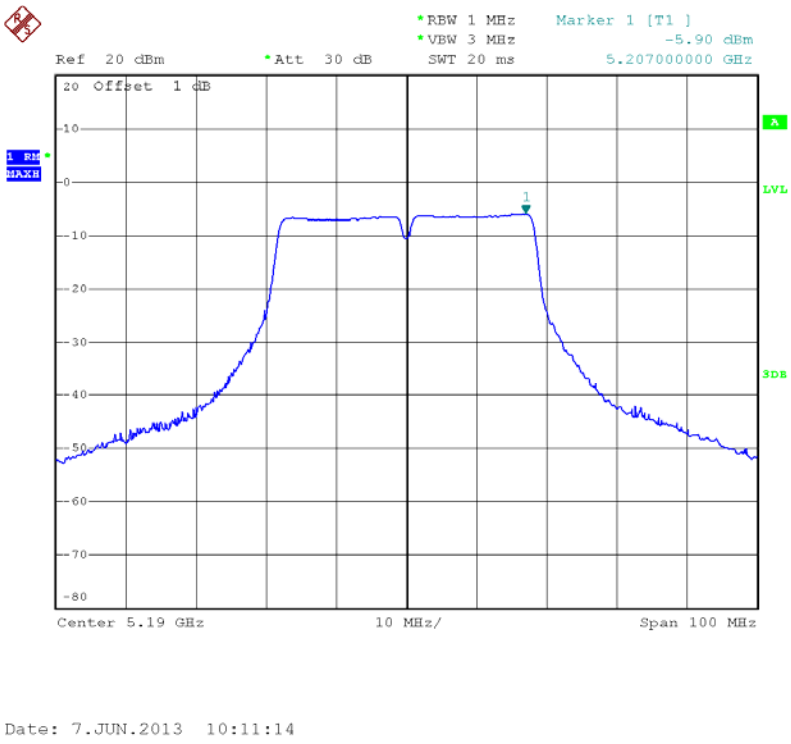


Date: 6.JUN.2013 14:50:47

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX N40 Mode/CH38, CH46		

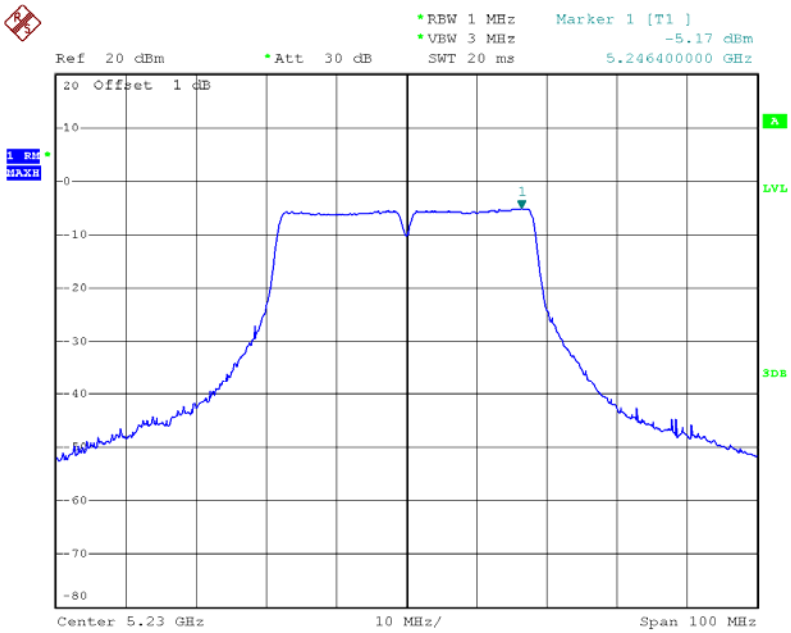
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH38	5190	-5.90	4.00
CH46	5230	-5.17	4.00

CH38



Date: 7.JUN.2013 10:11:14

CH46

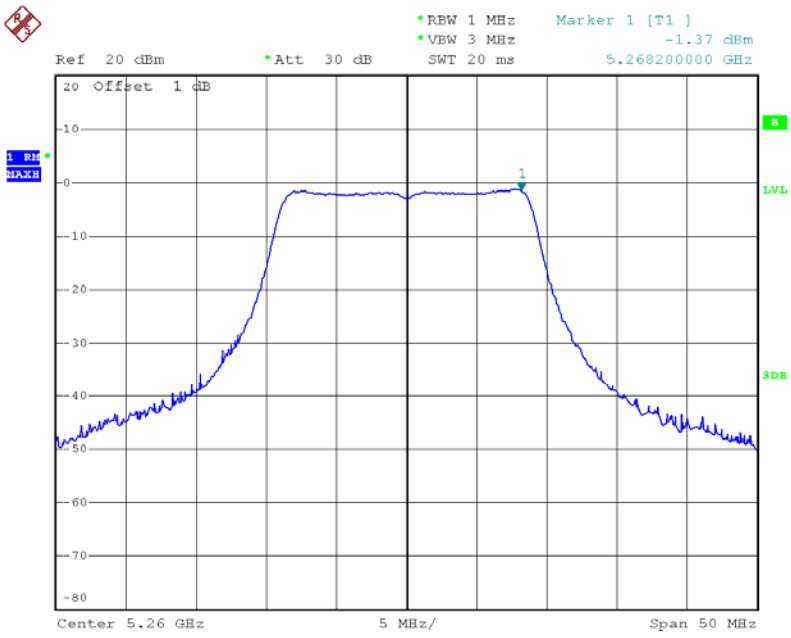


Date: 7.JUN.2013 10:21:10

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX A Mode/CH52, CH56, CH64		

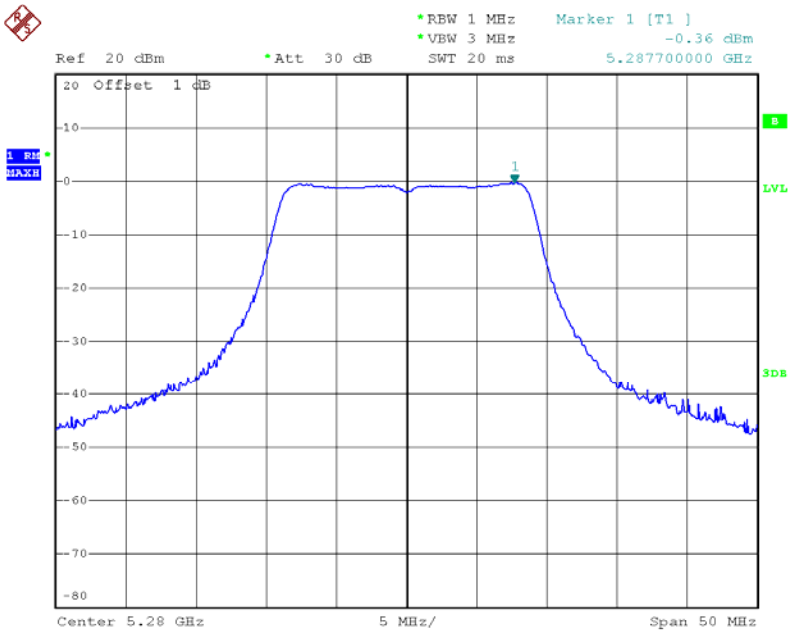
Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH52	5260	-1.37	11
CH56	5280	-0.36	11
CH64	5320	-0.05	11

CH52



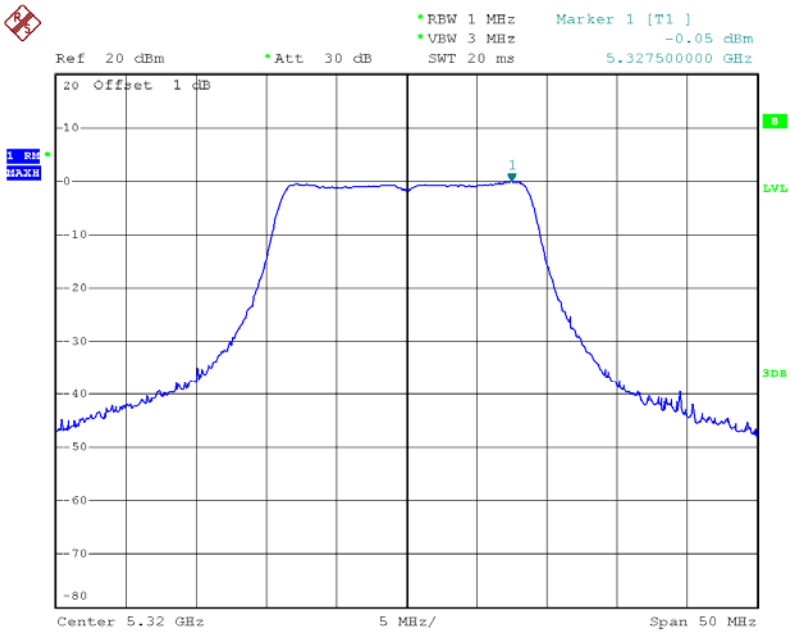
Date: 6.JUN.2013 12:12:18

CH56



Date: 6.JUN.2013 13:51:38

CH64

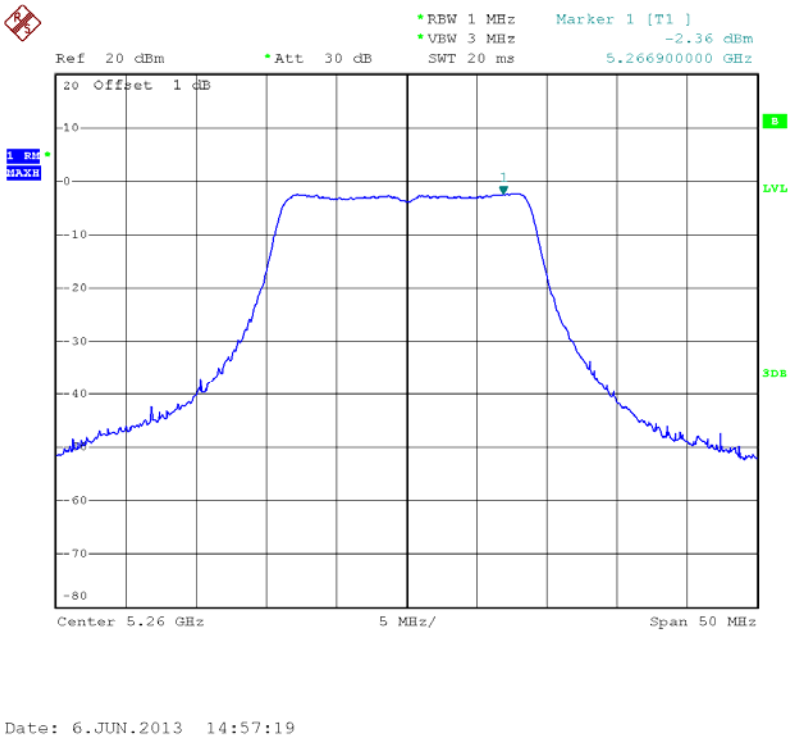


Date: 6.JUN.2013 14:00:06

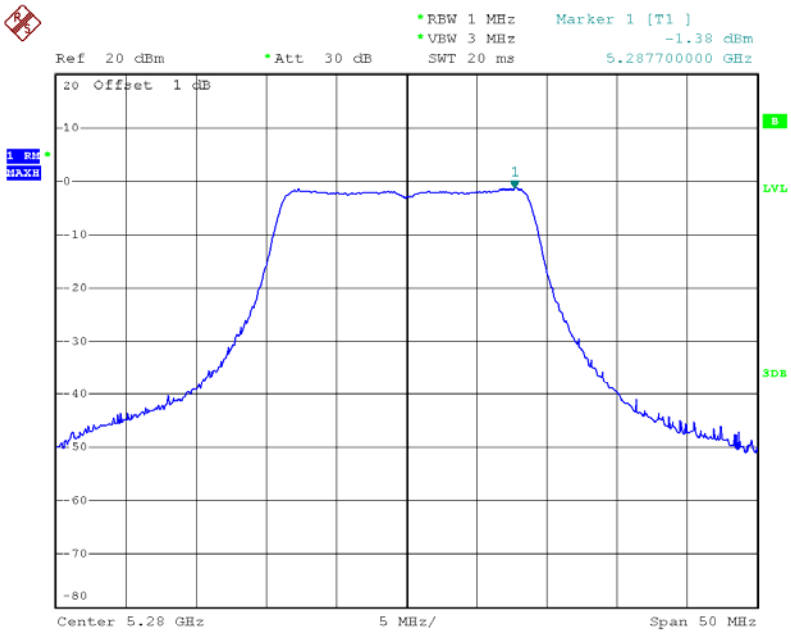
EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX N20 Mode/CH52, CH56, CH64		

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH52	5260	-2.36	11
CH56	5280	-1.38	11
CH64	5320	-0.52	11

CH52

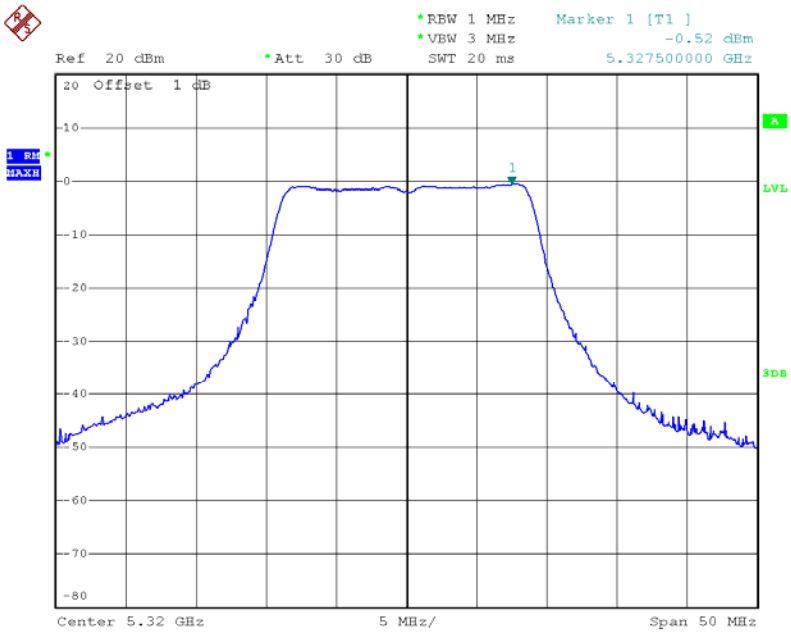


CH56



Date: 6.JUN.2013 14:59:57

CH64

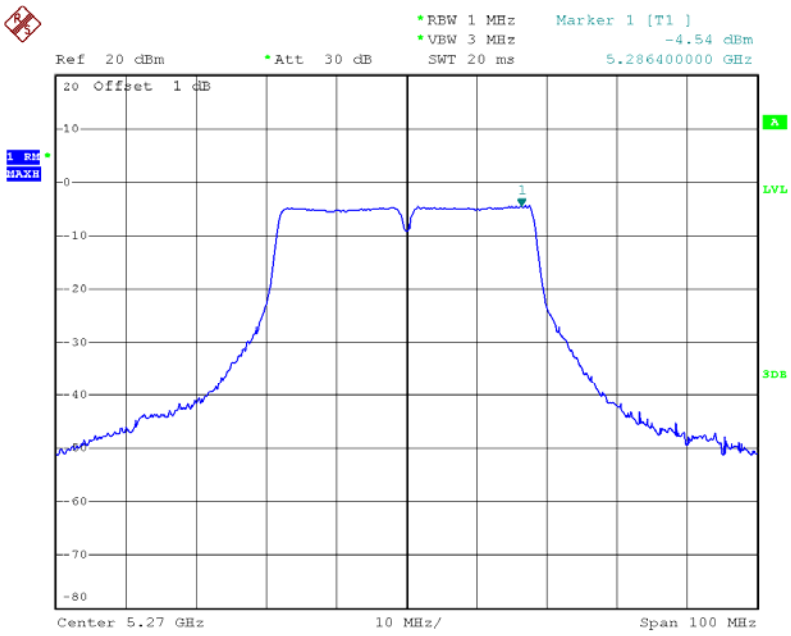


Date: 6.JUN.2013 15:29:22

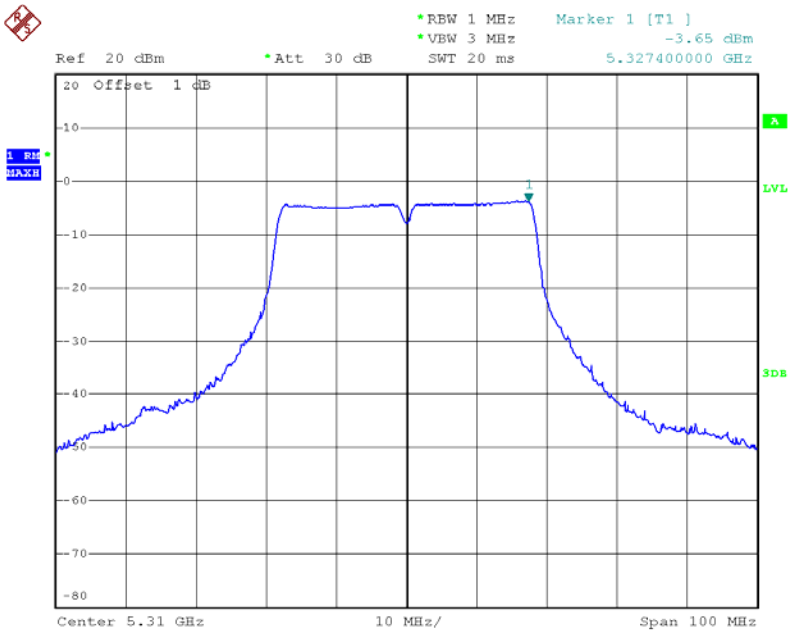
EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX N40 Mode/CH100, CH116		

Test Channel	Frequency (MHz)	Power Density (dBm)	LIMIT (dBm)
CH54	5270	-4.54	11
CH62	5310	-3.65	11

CH54



CH62



Date: 7.JUN.2013 10:39:35

9. PEAK EXCURSION MEASUREMENT

9.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Peak Excursion Measurement	13 dB	5150 - 5250	PASS
		5250 - 5350	PASS

9.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Next Calibration
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov.26.2012	Nov.26.2013

Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

9.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RB	1000 kHz (Peak Trace) / 1000 kHz (Average Trace)
VB	3000 kHz (Peak Trace) / 3000 kHz (Average Trace)
Detector	Peak (Peak Trace) / RMS (Average Trace)
Trace	Max Hold
Sweep Time	60s

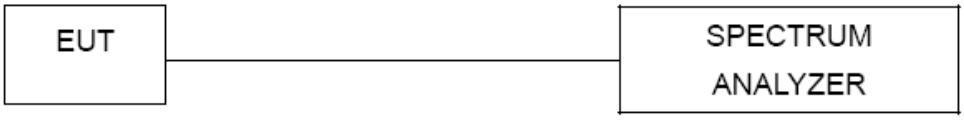
c. Peak Trace: Set RBW = 1 MHz, VBW ≥ 3 MHz with peak detector and maxhold settings.

d. Average Trace: set RBW = 1 MHz, VBW = 3 MHz with RMS detector and trace average across 100 traces in power averaging mode.

9.1.3 DEVIATION FROM STANDARD

No deviation.

9.1.4 TEST SETUP



9.1.5 EUT OPERATION CONDITIONS

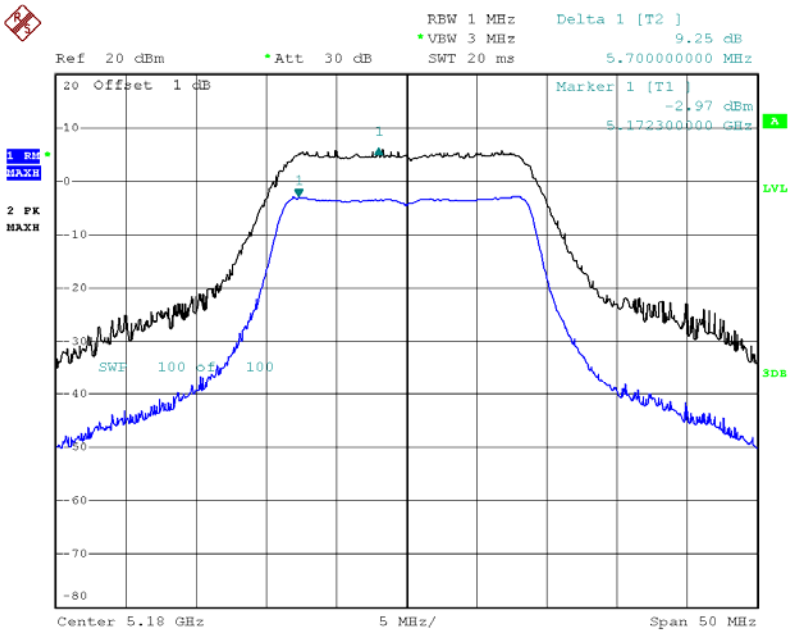
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

9.1.6 TEST RESULTS

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX A Mode/CH36, CH40, CH48		

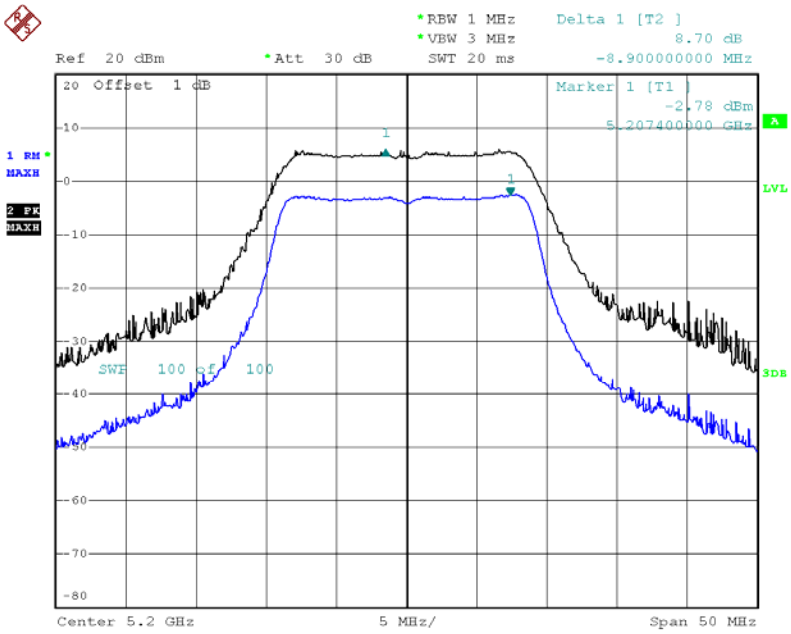
Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH36	5180	9.25	13
CH40	5200	8.70	13
CH48	5240	9.24	13

CH36



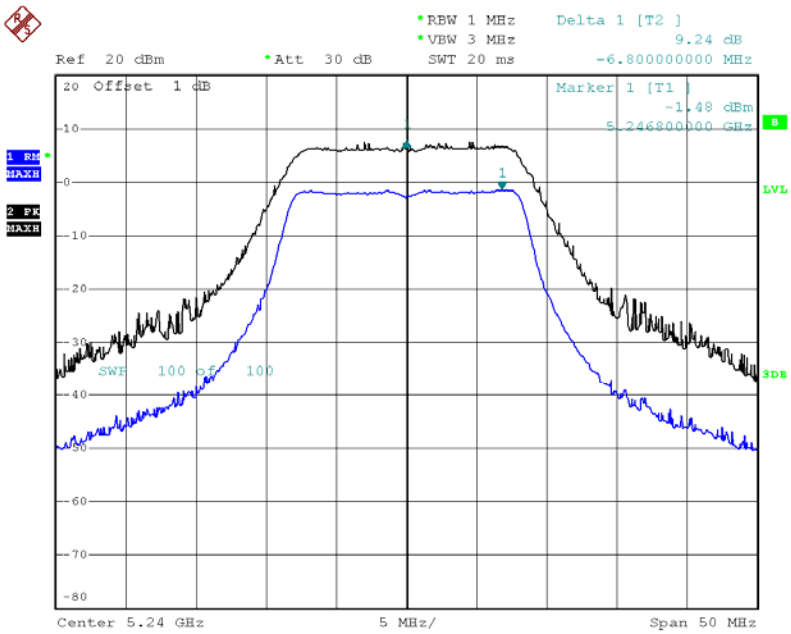
Date: 6.JUN.2013 11:48:18

CH40



Date: 6.JUN.2013 12:06:25

CH48

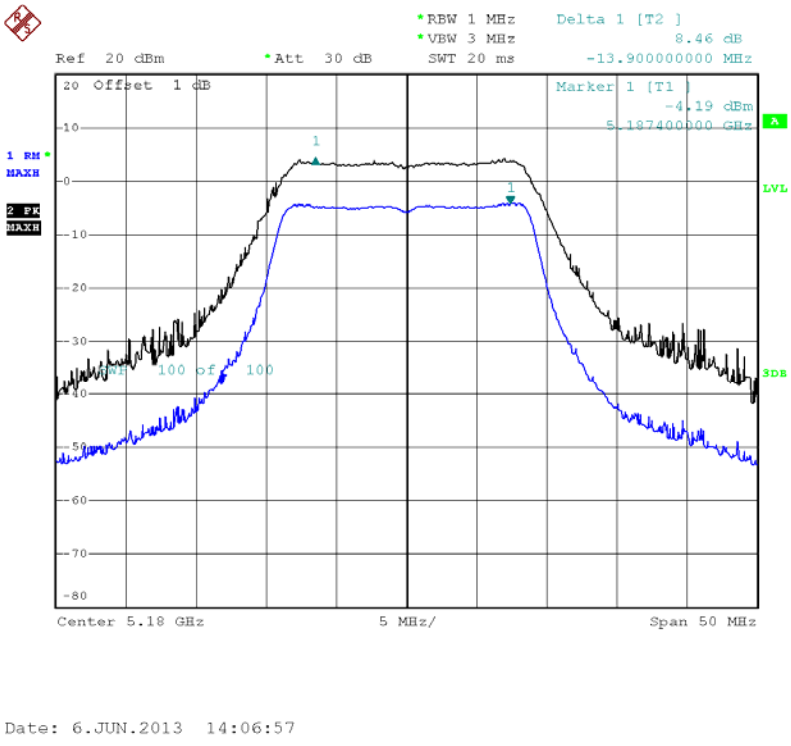


Date: 7.JUN.2013 11:31:46

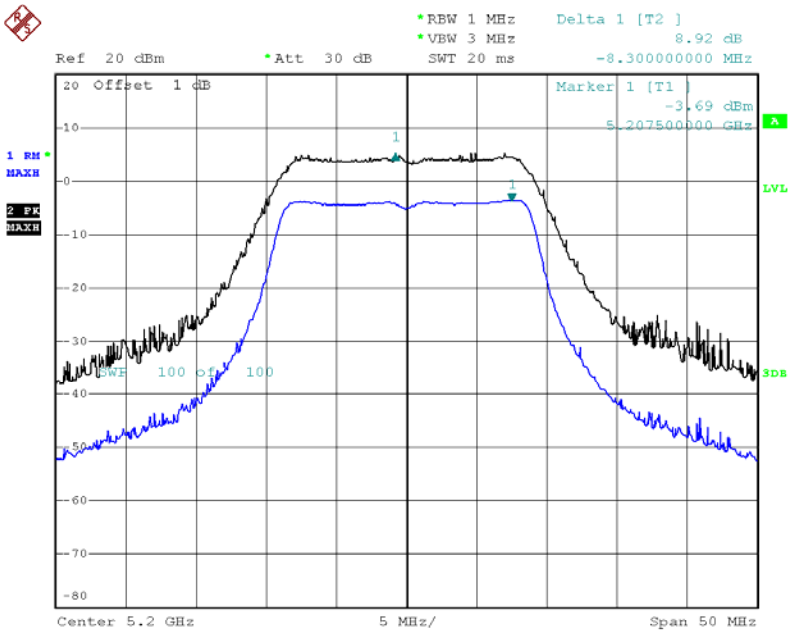
EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX N20 Mode/CH36, CH40, CH48		

Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH36	5180	8.46	13
CH40	5200	8.92	13
CH48	5240	9.04	13

CH36

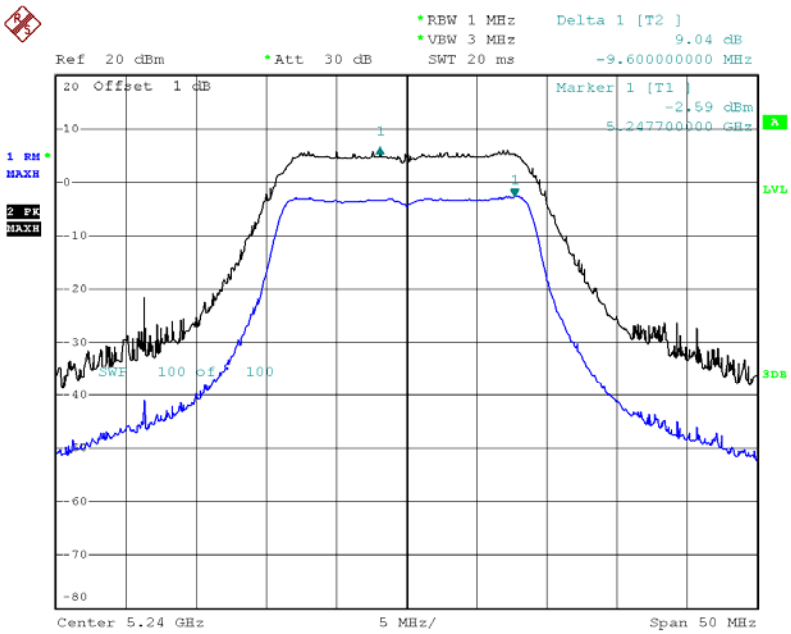


CH40



Date: 6.JUN.2013 14:48:59

CH48

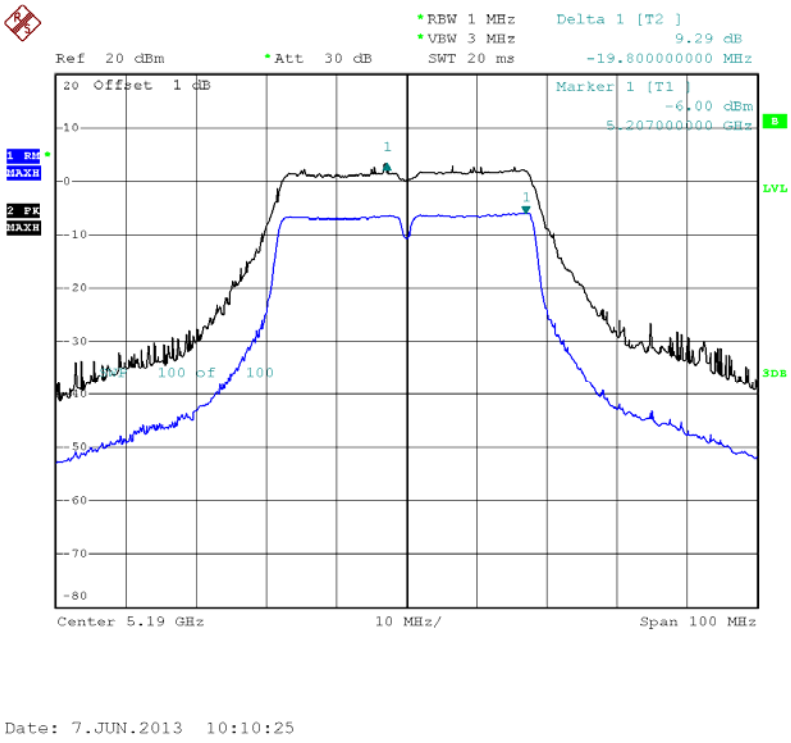


Date: 6.JUN.2013 14:51:22

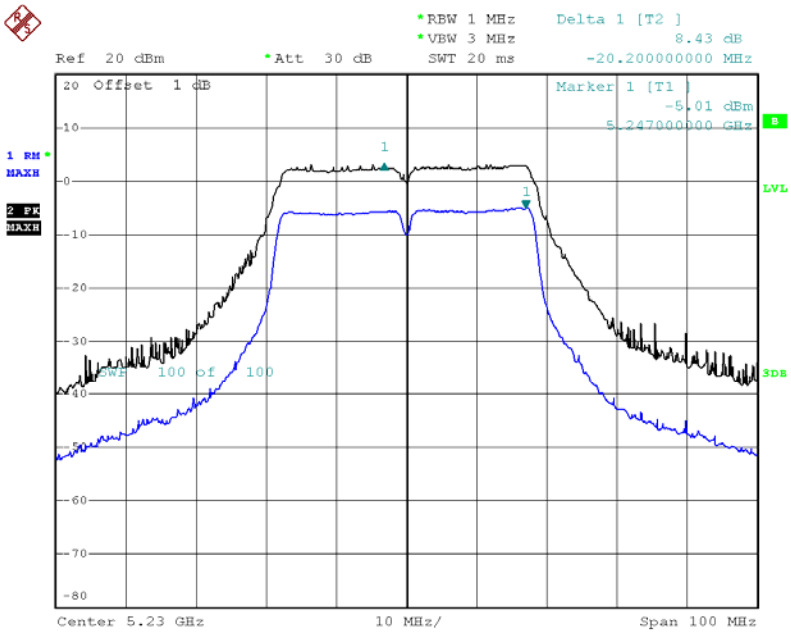
EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 1/TX N40 Mode/CH38, CH46		

Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH38	5190	9.29	13
CH46	5230	8.43	13

CH38



CH46

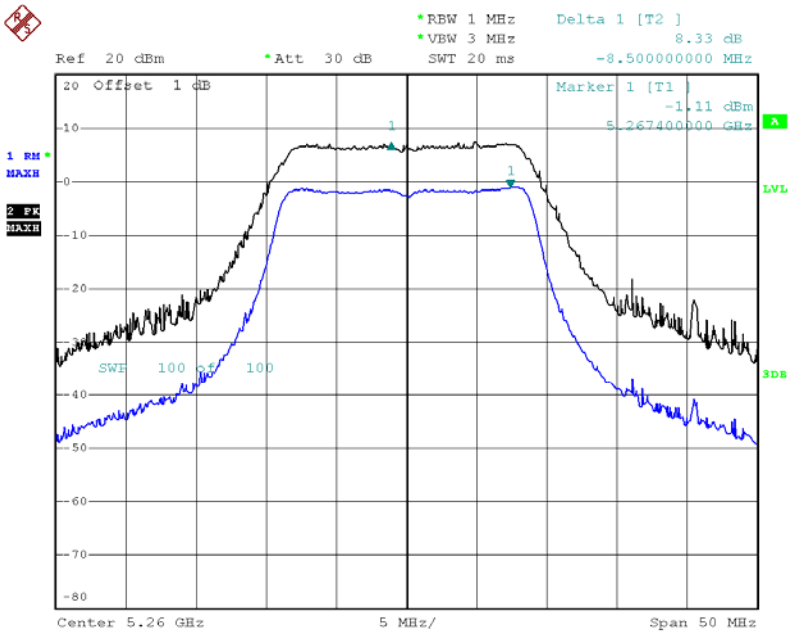


Date: 7.JUN.2013 10:18:42

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX A Mode/CH52, CH56, CH64		

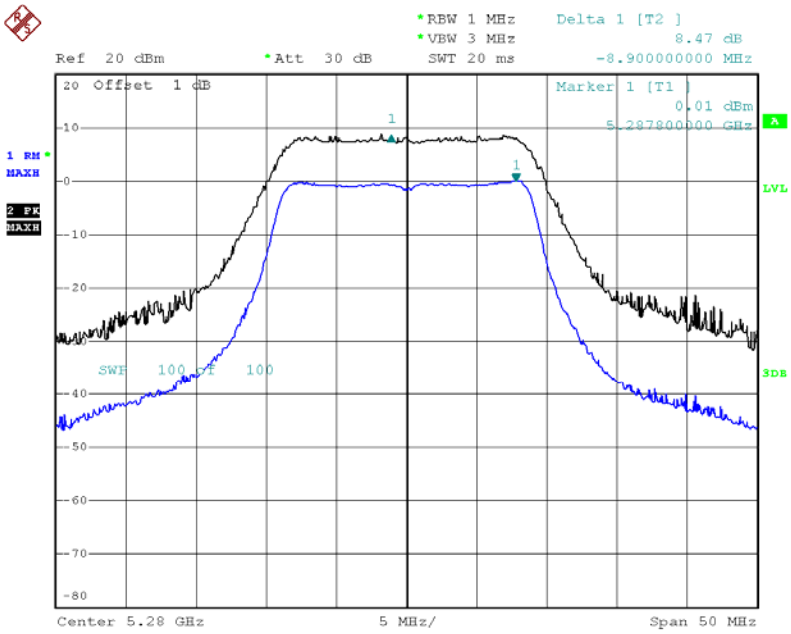
Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH52	5260	8.33	13
CH56	5280	8.47	13
CH64	5320	8.96	13

CH52



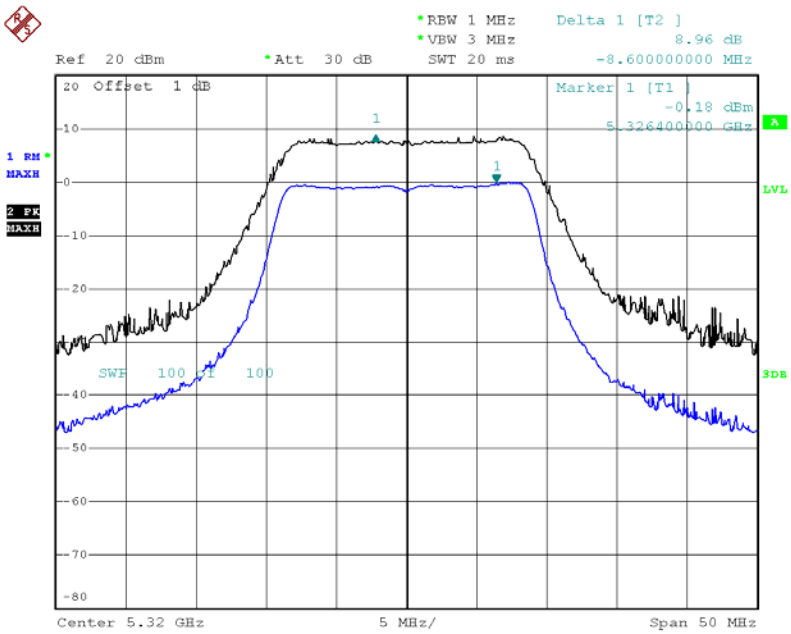
Date: 6.JUN.2013 12:12:57

CH56



Date: 6.JUN.2013 13:49:23

CH64

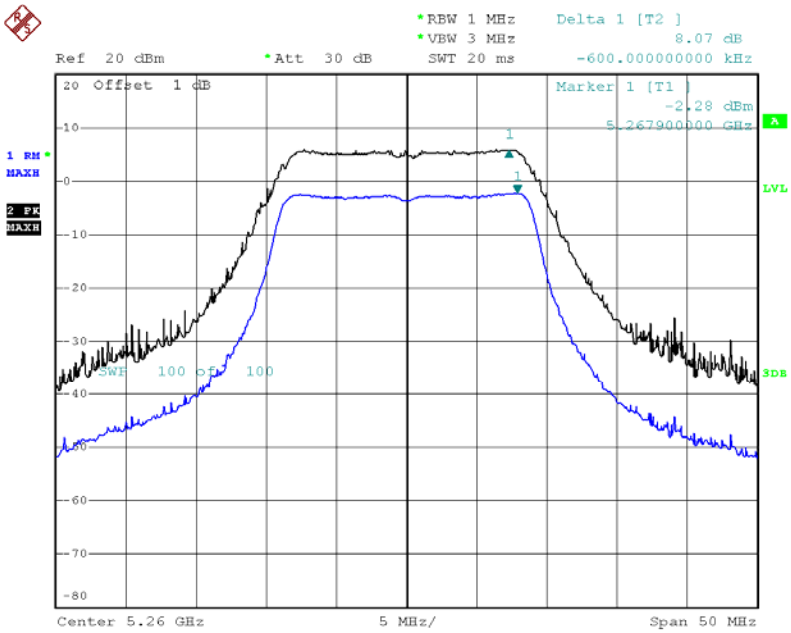


Date: 6.JUN.2013 14:00:45

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX N20 Mode/CH52, CH56, CH64		

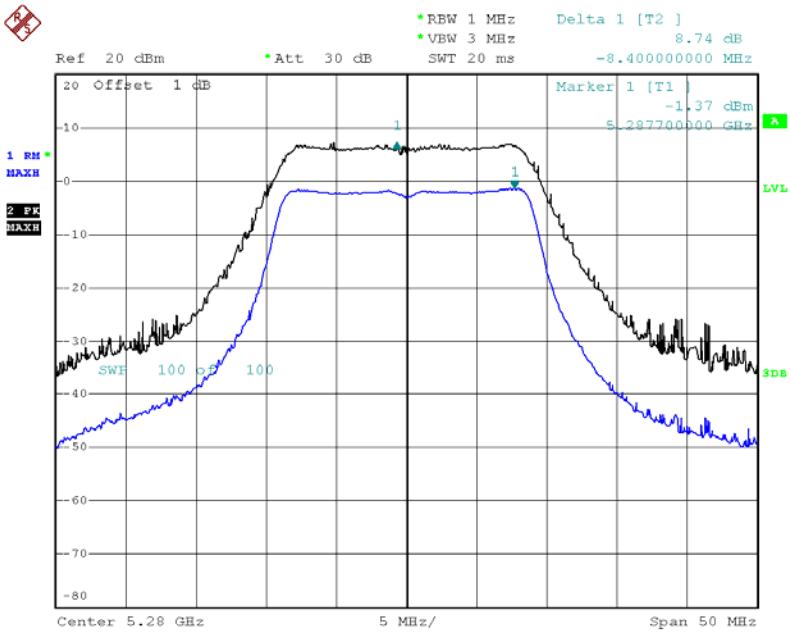
Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH52	5260	8.07	13
CH56	5280	8.74	13
CH64	5320	8.52	13

CH52



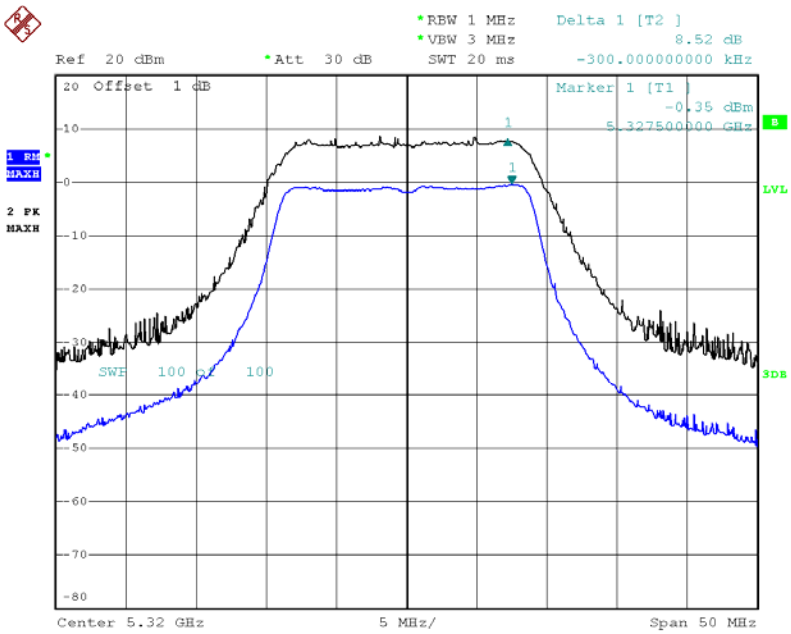
Date: 6.JUN.2013 14:56:54

CH56



Date: 6.JUN.2013 15:02:16

CH64

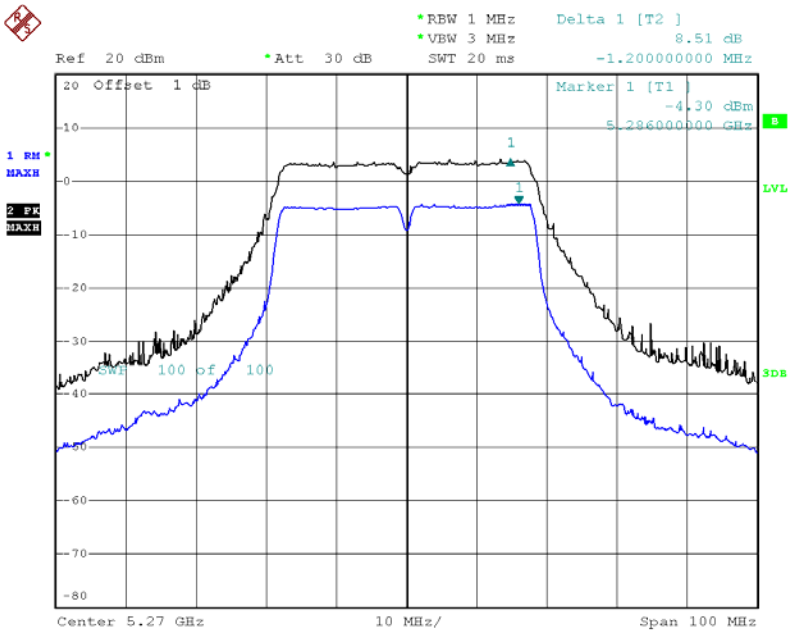


Date: 6.JUN.2013 15:28:42

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2/TX N40 Mode/CH54, CH62		

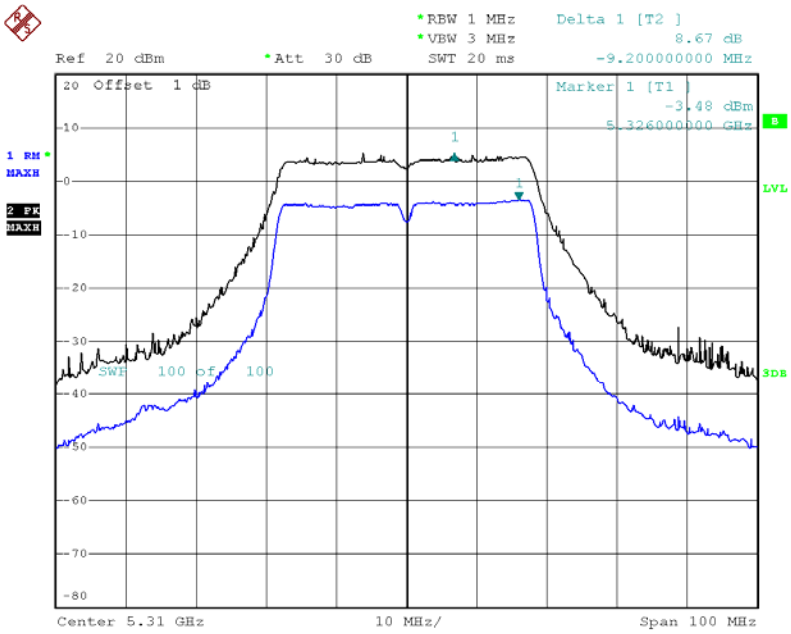
Test Channel	Frequency (MHz)	Peak Excursion (dB)	LIMIT (dB)
CH54	5270	8.51	13
CH62	5310	8.67	13

CH54



Date: 7.JUN.2013 10:30:39

CH62



Date: 7.JUN.2013 10:37:20

10. FREQUENCY STABILITY MEASUREMENT

10.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E 15.407(g)			
Test Item	Limit	Frequency Range (MHz)	Result
Frequency Stability	specified in the user's manual	5150 – 5250	PASS
		5250 – 5350	PASS

10.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Nov. 26.2013
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May.10.2014

Remark: "N/A" denotes no model name, serial no. or calibration specified.
All calibration period of Equipment List is One Year.

10.1.2 TEST PROCEDURE

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,

b.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RB	10 kHz
VB	10 kHz
Sweep Time	Auto

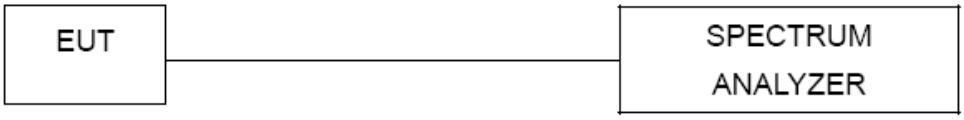
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. user manual temperature is 0°C~35°C.

10.1.3 DEVIATION FROM STANDARD

No deviation.

10.1.4 TEST SETUP



10.1.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

10.1.6 TEST RESULTS

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	AC 120V		
Test Mode ：	Band 1		

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5180
138	5179.982000
120	5179.985000
102	5179.984000
Max. Deviation (MHz)	0.018000
Max. Deviation (ppm)	3.47

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5180
-20	5179.983000
10	5179.984000
0	5179.989000
10	5179.986000
20	5179.983000
30	5179.986000
40	5179.983000
50	5179.986000
60	5179.985000
70	5179.986000
Max. Deviation (MHz)	0.017000
Max. Deviation (ppm)	3.28

EUT：	nabi Tablet (nabi XD)	Model Name ：	NABIXD-NV10C
Temperature：	25°C	Relative Humidity：	58 %
Test Voltage：	DC 3.7V		
Test Mode ：	Band 2		

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)
(V)	5320
138	5319.983000
120	5319.984000
102	5319.982000
Max. Deviation (MHz)	0.018000
Max. Deviation (ppm)	3.38

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)
(℃)	5320
-20	5319.985000
10	5319.984000
0	5319.985000
10	5319.984000
20	5319.982000
30	5319.981000
40	5319.982000
50	5319.985000
60	5319.986000
70	5319.987000
Max. Deviation (MHz)	0.019000
Max. Deviation (ppm)	3.5714

11. EUT TEST PHOTO

Conducted Measurement Photos

Radiated Measurement Photos