



FCC Radio Test Report

FCC ID: V7TFH1202

This report concerns (check one) : Original Grant Class II Change

Project No. : 1406C024
Equipment : High Power Wireless AC1200 Dual-band Router
Model Name : FH1202
Applicant : SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address : 6-8 Floor, Tower E3, No. 1001, Zhongshanyuan Road, Nanshan District, Shenzhen,China.518052

Tested by: BTL Inc. EMC Laboratory
Date of Receipt: Jun. 06, 2014
Date of Test: Jun. 06, 2014 ~ Jul. 07, 2014
Issued Date: Jul. 08, 2014

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Declaration

BTL 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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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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REPORT ISSUED HISTORY

Issued No.	Description	Issued Date
NEI-FCCP-2-1406C024	Original Issue.	Jul. 08, 2014



1. CERTIFICATION

Equipment : High Power Wireless AC1200 Dual-band Router
Brand Name : Tenda
Model Name : FH1202
Applicant : SHENZHEN TENDA TECHNOLOGY CO.,LTD
Manufacturer : SHENZHEN TENDA TECHNOLOGY CO.,LTD
Address : 6-8 Floor,Tower E3,No.1001,Zhongshanyuan Road,Nanshan District,
Shenzhen,China.518052
Date of Test : Jun. 06, 2014 ~ Jul. 07, 2014
Test Item : ENGINEERING SAMPLE
Standard(s) : FCC Part15, Subpart E(15.407) / ANSI C63.4 : 2009
FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. EMC Laboratory.

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. NEI-FCCP-2-1406C024) 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).

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart E			
Standard(s) Section	Test Item	Judgment	Remark
FCC			
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) FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.

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

BTL's test firm number for FCC: 319330

2.2 MEASUREMENT UNCERTAINTY

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

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	9KHz~30MHz	V	3.79	
		9KHz~30MHz	H	3.57	
		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	3.12	
		1GHz~18GHz	H	3.68	
		18GHz~40GHz	V	4.15	
		18GHz~40GHz	H	4.14	

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	High Power Wireless AC1200 Dual-band Router	
Brand Name	Tenda	
Model Name	FH1202	
Mode Different	N/A	
Product Description	Operation Frequency	5150~5250MHz 5745~5825 MHz
	Modulation Type	OFDM
	Bit Rate of Transmitter	300Mbps
	Output Power (Max.)for Band1	802.11a: 17.10dBm 802.11n (20M): 15.45dBm 802.11n (40M): 14.77dBm 802.11ac (20M): 15.59 dBm 802.11ac (40M): 15.92 dBm 802.11ac (80M): 13.11 dBm
	Output Power (Max.)for Band4	802.11a: 13.41dBm 802.11n (20M): 14.56dBm 802.11n (40M): 12.05dBm 802.11ac (20M): 15.47 dBm 802.11ac (40M): 15.38 dBm 802.11ac (80M): 14.27 dBm
	More details of EUT technical specification, please refer to the User's Manual.	
Power Source	DC Voltage supplied from AC/DC adapter. Manufacturer: Dongguan Ponon Technology Co.,Ltd. Model: TEA12U-12150	
Power Rating	I/P: AC 100-240V~50/60Hz 0.6A O/P: DC 12V 1.5A	
Connecting I/O Port(s)	Please refer to the User's Manual	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2. Channel List:

802.11a / 802.11n 20MHz/802.11ac 20MHz		802.11n 40M/802.11ac 40MHz		802.11ac 80MHz	
Band 1		Band 1		Band 1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

802.11a / 802.11n 20M / 802.11ac 20M					
Band 4					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	153	5765	157	5785
161	5805	165	5825		

802.11n 40M / 802.11ac 40M			
Band 4			
Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755	159	5795

802.11ac 80M			
Band 4			
Channel	Frequency (MHz)		
155	5775		

3. Antenna Specification:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	Tenda	Q5121	Dipole	N/A	4.74	TX
2	Tenda	Q5117	Dipole	N/A	4.85	TX
3	Tenda	Q5123	Dipole	N/A	4.74	RX
4	Tenda	Q5117	Dipole	N/A	4.85	TX
5	Tenda	Q5124	Dipole	N/A	4.64	TX

Note: (1) Only ANT 2 and ANT 4 used for this model

(2) The EUT incorporates a MIMO function. Physically, the EUT provides two completed two transmitters and two receivers (2T2R); all transmit signals are completely uncorrelated, then, Directional gain = GANT, that is Directional gain=4.85

4.

Operating Mode	TX Mode	
	1TX	2TX
802.11a	V (ANT 2 or ANT 4)	-
802.11n(20MHz)	-	V (ANT 2 + ANT 4)
802.11n(40MHz)	-	V (ANT 2 + ANT 4)
802.11ac(20MHz)	-	V (ANT 2 + ANT 4)
802.11ac(40MHz)	-	V (ANT 2 + ANT 4)
802.11ac(80MHz)	-	V (ANT 2 + ANT 4)

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)
Mode 2	TX N20 Mode / CH36, CH40, CH48(Band 1)
Mode 3	TX N40 Mode / CH38, CH46 (Band 1)
Mode 4	TX AC N20 Mode / CH36, CH40, CH48(Band 1)
Mode 5	TX AC N40 Mode / CH38, CH46 (Band 1)
Mode 6	TX AC N80 Mode / CH42 (Band 1)
Mode 7	TX Mode
Mode 8	TX A MODE CHANNEL /CH149,CH157,CH165(Band 4)
Mode 9	TX N 20MHZ MODE CHANNEL /CH149,CH157,CH165 (Band 4)
Mode 10	TX N 40MHZ MODE CHANNEL /CH151,CH159(Band 4)
Mode 11	TX AC N20 Mode Channel /CH149,CH157,CH165 (Band 4)
Mode12	TX AC N40 Mode Channel /CH151,CH159 (Band 4)
Mode 13	TX AC N80 Mode Channel CH155(Band 4)

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 7	TX Mode

Note: For Conducted test, the Dipole antenna with external cable is found to be the worst case and recorded.

For Radiated Test	
Final Test Mode	Description
Mode 1	TX A Mode / CH36, CH40, CH48(Band 1)
Mode 2	TX N20 Mode / CH36, CH40, CH48(Band 1)
Mode 3	TX N40 Mode / CH38, CH46 (Band 1)
Mode 4	TX AC N20 Mode / CH36, CH40, CH48(Band 1)
Mode 5	TX AC N40 Mode / CH38, CH46 (Band 1)
Mode 6	TX AC N80 Mode / CH42 (Band 1)
Mode 8	TX A MODE CHANNEL /CH149,CH157,CH165(Band 4)
Mode 9	TX N 20MHZ MODE CHANNEL /CH149,CH157,CH165 (Band 4)
Mode 10	TX N 40MHZ MODE CHANNEL /CH151,CH159(Band 4)
Mode 11	TX AC N20 Mode Channel /CH149,CH157,CH165 (Band 4)
Mode12	TX AC N40 Mode Channel /CH151,CH159 (Band 4)
Mode 13	TX AC N80 Mode Channel CH155(Band 4)

Note: For Radiated Below 1G test, the 802.11a mode is found to be the worst case and recorded.

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	MTOOL		
Frequency	5180 MHz	5200MHz	5240 MHz
A Mode	63	63	50
N20 Mode	56	50	48
AC 20 Mode	60	60	60

Test software version	MTOOL		
Frequency	5190 MHz	5230MHz	
N40 Mode	40	45	
AC 40 Mode	63	63	

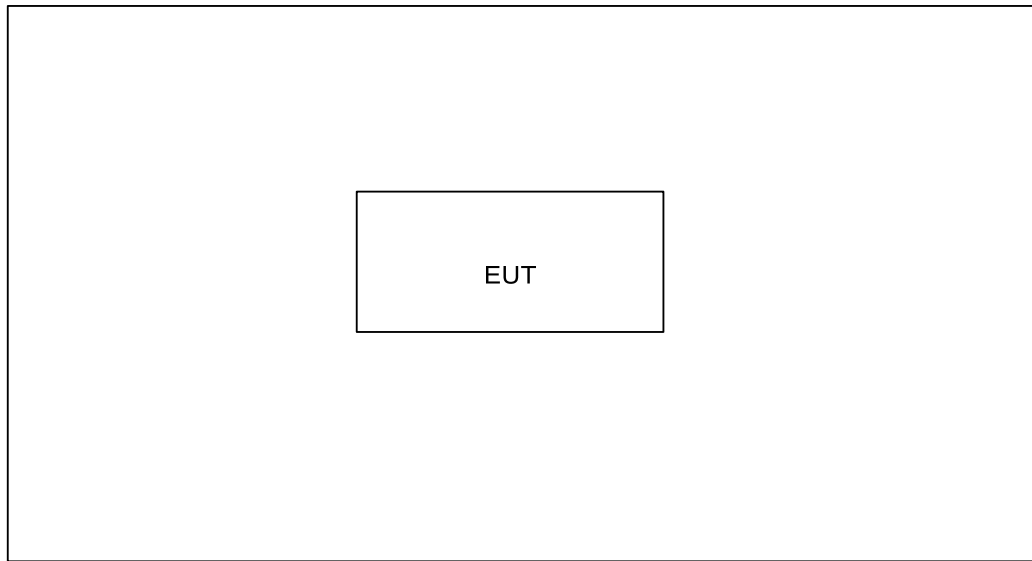
Test software version	MTOOL		
Frequency	5210 MHz		
AC 80 Mode	50		

Test software version	MTOOL		
Frequency	5745 MHz	5785 MHz	5825MHz
A Mode	63	63	63
N20 Mode	56	50	48
AC 20 Mode	60	60	60

Test software version	MTOOL	
Frequency	5755 MHz	5795MHz
N40 Mode	40	45
AC 40 Mode	63	63

Test software version	MTOOL	
Frequency	5755 MHz	
AC 80 Mode	50	

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



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
-	-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
-	-	-	-	--

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.

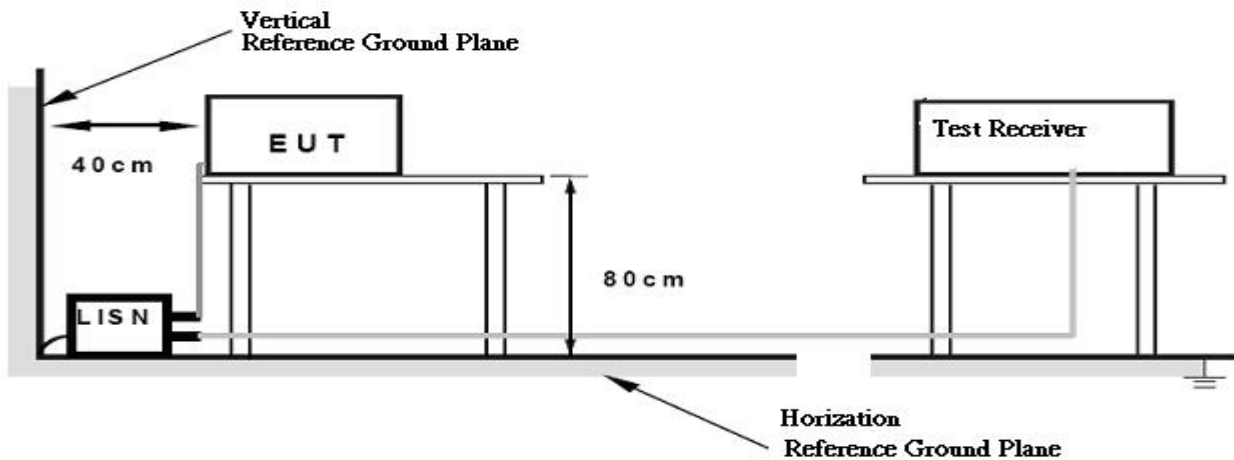
4.1.2 TEST PROCEDURE

- 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.

4.1.3 DEVIATION FROM TEST STANDARD

No deviation

4.1.4 TEST SETUP



4.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to 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.

4.1.6 EUT TEST CONDITIONS

Temperature: 25°C

Relative Humidity: 55%

Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Attachment A.

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.

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 on 15.205(a) and RSS-210 section 2.2&A8.5, then the 15.209(a) and RSS-Gen 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

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 (beyond 10 MHz of the band edge.)	68.3
	-17 (within 10 MHz of band edge)	78.3

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

$$E = \frac{100000 \sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts)}$$

4.2.2 TEST PROCEDURE

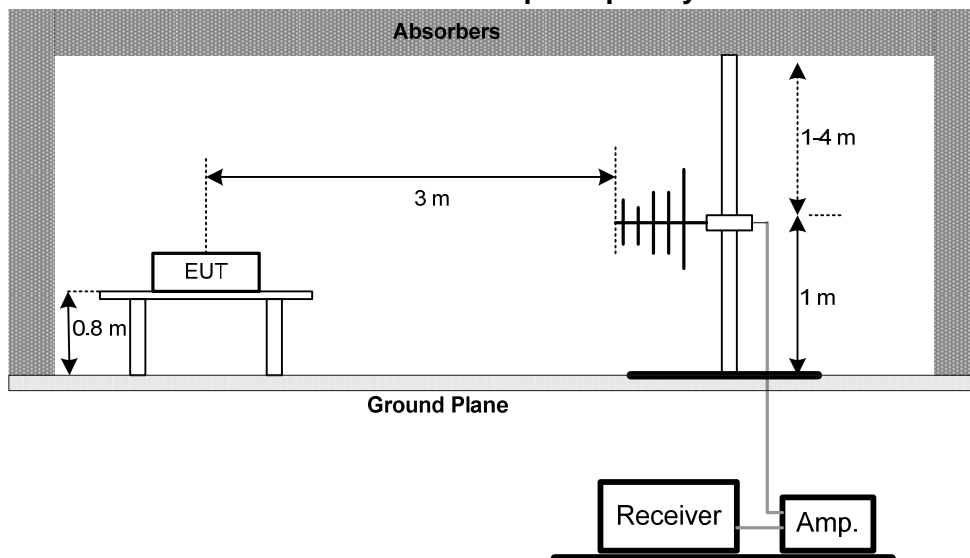
- a. The measuring distance of at 1.5m shall be used for measurements at frequency up to 1GHz. For frequencies above 1GHz, any suitable measuring distance may be used.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was 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.

4.2.3 DEVIATION FROM TEST STANDARD

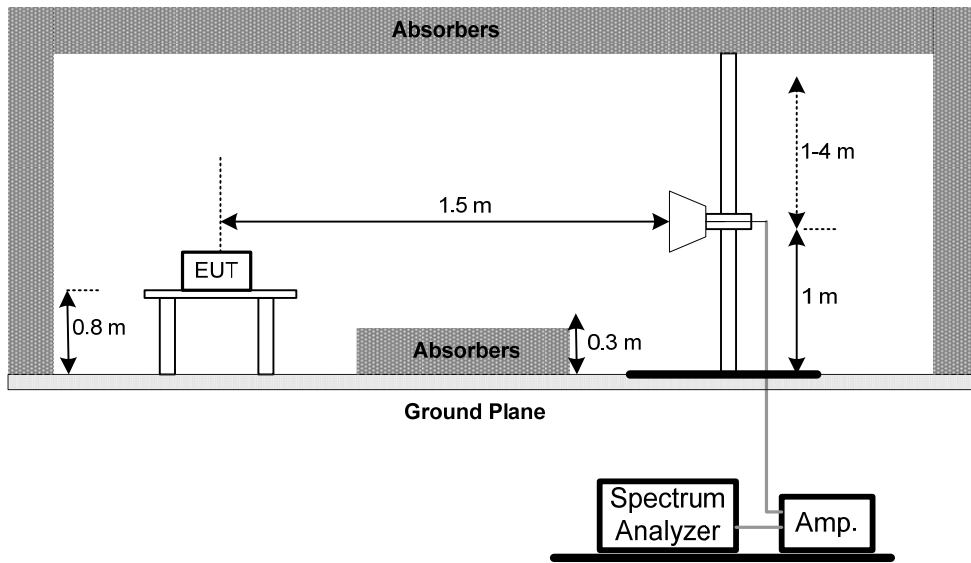
No deviation

4.2.4 TEST SETUP

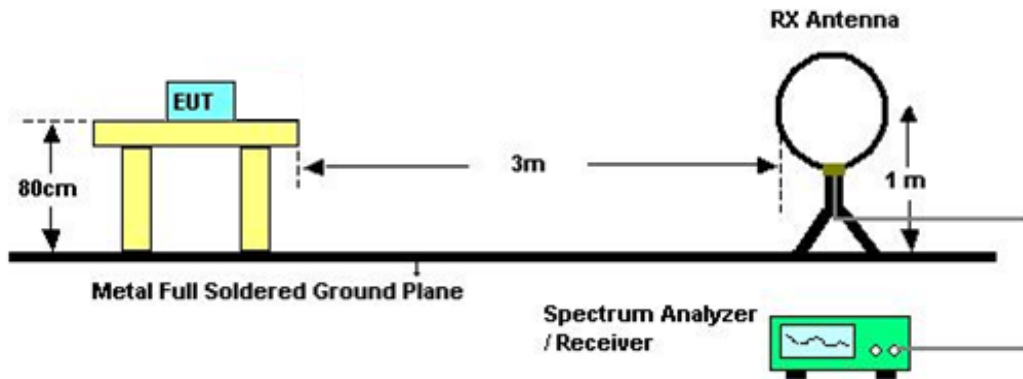
Radiated Emission Test Set-Up Frequency 30 - 1000MHz



Radiated Emission Test Set-Up Frequency Above 1 GHz



Radiated emissions below 30MHz



4.2.5 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.

4.2.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULTS (9K TO 30MHz)

Please refer to the Attachment B

4.2.8 TEST RESULTS (BETWEEN 30 TO 1000 MHz)

Please refer to the Attachment C.

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 ◦

4.2.9 TEST RESULTS (ABOVE 1000 MHz)

Please refer to the Attachment D.

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) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (4) 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.
- (5) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (6) EUT Orthogonal Axes:
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand
- (7) 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.

5. 26dB SPECTRUM BANDWIDTH

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Bandwidth	26 dB Bandwidth	5150-5250	PASS
	Minimum 500KHz 6dB Bandwidth	5725-5850	PASS

5.1.1 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

5.1.2 DEVIATION FROM STANDARD

No deviation.

5.1.3 TEST SETUP



5.1.4 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.

5.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Attachment E.

6. MAXIMUM CONDUCTED OUTPUT POWER

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Frequency Range (MHz)	Limit	Result
Conducted Output Power	5150-5250	Fixed:1 Watt Mobile and portable:250Mw (24dBm)	PASS
	5725-5850	1 Watt (30dBm)	PASS

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

6.1.1 TEST PROCEDURE

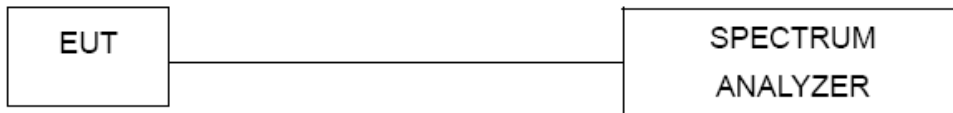
- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- b.

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

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

6.1.2 DEVIATION FROM STANDARD

No deviation.

6.1.3 TEST SETUP**6.1.4 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.

6.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Attachment F.

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/MHz	5150-5250	PASS
	Below -17dBm/MHz within 10MHz of band edge, below -27 dBm/MHz beyond 10 MHz of the band edge	5725-5850	PASS

7.1.1 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

7.1.2 DEVIATION FROM STANDARD

No deviation.

7.1.3 TEST SETUP



7.1.4 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.

7.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Attachment G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15, Subpart E			
Test Item	Limit	Frequency Range (MHz)	Result
Power Spectral Density	Other then Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250	PASS
	30 dBm/500KHz	5725-5850	PASS

8.1.1 TEST PROCEDURE

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

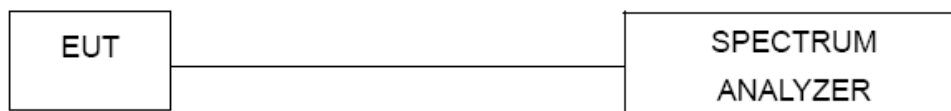
b.

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

8.1.2 DEVIATION FROM STANDARD

No deviation.

8.1.3 TEST SETUP



8.1.4 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.



8.1.5 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 55% Test Voltage: AC 120V/60Hz

8.1.6 TEST RESULTS

Please refer to the Attachment H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	LISN	EMCO	3816/2	00052765	Mar. 29, 2015
2	LISN	R&S	ENV216	100087	Mar. 29, 2015
3	Test Cable	N/A	C_17	N/A	Mar. 14, 2015
4	EMI TEST RECEIVER	R&S	ESCS30	826547/022	Mar. 29, 2015
5	50Ω Terminator	SHX	TF2-3G-A	08122902	Mar. 29, 2015

Radiated Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 29, 2015
2	Amplifier	HP	8447D	2944A09673	Mar. 29, 2015
3	Test Receiver	R&S	ESCI	100382	Mar. 29, 2015
4	Test Cable	N/A	C-01_CB03	N/A	Jul. 02, 2014
5	Antenna	ETS	3115	00075789	Mar. 29, 2015
6	Amplifier	Agilent	8449B	3008A02274	Mar. 29, 2015
7	Spectrum	Agilent	E4408B	US39240143	Nov. 09, 2014
8	Test Cable	HUBER+SUHNER	C-45	N/A	Mar. 29, 2015
9	Controller	CT	SC100	N/A	N/A
10	Horn Antenna	EMCO	3115	9605-4803	Mar. 29, 2015
11	Active Loop Antenna	R&S	HFH2-Z2	830749/020	Mar. 29, 2015
12	Broad-Band Horn Antenna (40G)	Schwarzbeck	BBHA 9170	9170319	Feb. 22, 2015

Spectrum Bandwidth Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

Maximum Conducted Output Power Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

Antenna Conducted Spurious Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

Power Spectral Density Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

Peak Excurison Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014

Frequency Stability Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP 40	100185	Nov. 11, 2014
2	Precision Oven Tester	HOLINK	H-T-1F-D	BA03101701	May. 25, 2014

Remark: "N/A" denotes no model name, serial no. or calibration specified.
 All calibration period of equipment list is one year.

10. EUT TEST PHOTOS

Conducted Measurement Photos



**Radiated Measurement Photos
9KHz to 30MHz**



**Radiated Measurement Photos
30MHz to 1000MHz**



**Radiated Measurement Photos
Above 1000MHz**

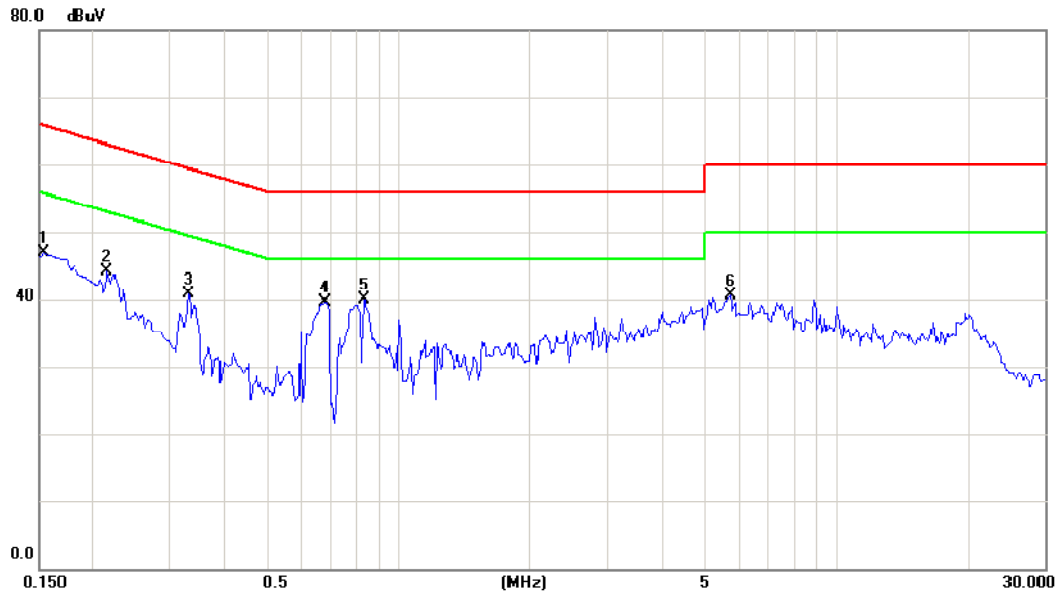




ATTACHMENT A - CONDUCTED EMISSION

Test Mode : TX MODE

Line

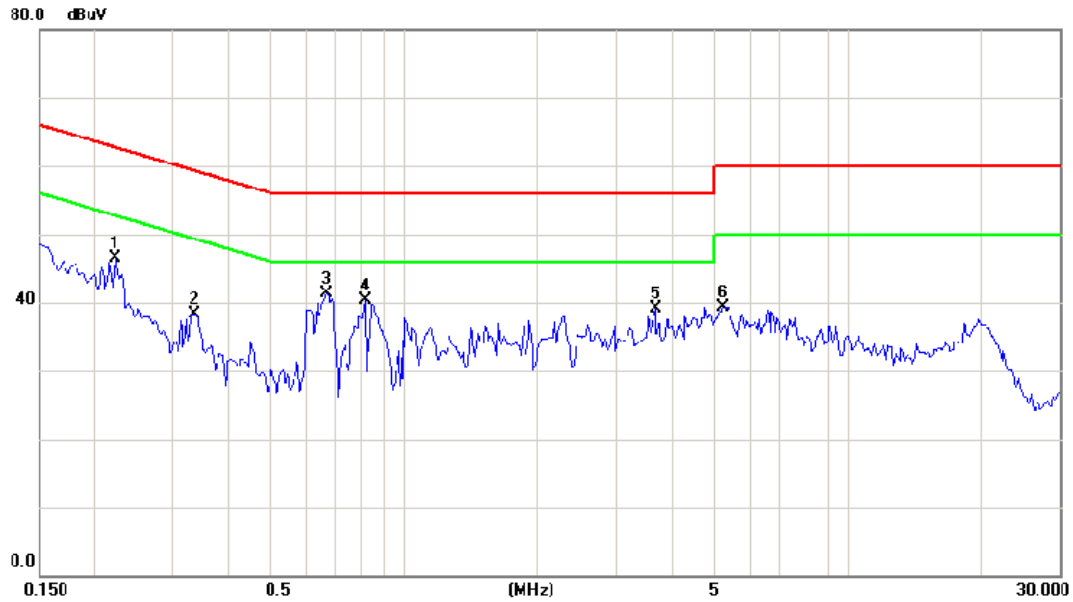


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1540	37.32	9.52	46.84	65.78	-18.94	peak	
2		0.2164	34.46	9.55	44.01	62.96	-18.95	peak	
3		0.3336	31.12	9.61	40.73	59.36	-18.63	peak	
4		0.6813	29.93	9.63	39.56	56.00	-16.44	peak	
5	*	0.8336	30.30	9.66	39.96	56.00	-16.04	peak	
6		5.7188	30.50	9.91	40.41	60.00	-19.59	peak	

Note : The test result has included the cable loss.

Test Mode : TX MODE

Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2242	36.90	9.61	46.51	62.66	-16.15	peak	
2		0.3375	28.60	9.62	38.31	50.26	20.95	peak	
3	*	0.6695	31.56	9.66	41.22	56.00	-14.78	peak	
4		0.8141	30.54	9.07	40.21	56.00	-15.79	peak	
5		3.6953	29.34	9.82	39.16	56.00	-16.84	peak	
6		5.2305	29.44	9.89	39.33	60.00	-20.67	peak	

Note : The test result has included the cable loss.



ATTACHMENT B - RADIATED EMISSION (9KHZ TO 30MHZ)

Test Mode : TX Mode

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
0.0245	0°	17.48	24.02	41.50	119.82	-78.33	AVG
0.0245	0°	18.69	24.02	42.71	139.82	-97.12	PEAK
0.0279	0°	17.45	23.80	41.25	118.69	-77.44	AVG
0.0279	0°	19.32	23.80	43.12	138.69	-95.57	PEAK
0.0354	0°	18.35	23.32	41.67	116.62	-74.95	AVG
0.0354	0°	20.45	23.32	43.77	136.62	-92.85	PEAK
0.0533	0°	19.33	22.33	41.66	113.07	-71.41	AVG
0.0533	0°	20.61	22.33	42.94	133.07	-90.13	PEAK
0.3210	0°	19.39	20.23	39.62	97.47	-57.85	AVG
0.3210	0°	20.76	20.23	40.99	117.47	-76.48	PEAK
1.5350	0°	18.44	19.55	37.99	63.88	-25.90	QP

Freq. (MHz)	Ant. 0°/90°	Reading(RA) (dBuV)	Corr.Factor(CF) (dB)	Measured(FS) (dBuV/m)	Limits(QP) (dBuV/m)	Margin (dB)	Note
0.0185	90°	17.56	24.30	41.86	122.26	-80.40	AVG
0.0185	90°	19.37	24.30	43.67	142.26	-98.59	PEAK
0.0275	90°	16.19	23.83	40.02	118.82	-78.80	AVG
0.0275	90°	18.26	23.83	42.09	138.82	-96.73	PEAK
0.0361	90°	20.14	23.28	43.42	116.45	-73.03	AVG
0.0361	90°	21.68	23.28	44.96	136.45	-91.49	PEAK
0.0532	90°	20.22	22.34	42.56	113.09	-70.53	AVG
0.0532	90°	23.43	22.34	45.77	133.09	-87.32	PEAK
0.3240	90°	18.48	20.22	38.70	97.39	-58.69	AVG
0.3240	90°	20.34	20.22	40.56	117.39	-76.83	PEAK
1.6750	90°	18.37	19.53	37.90	63.12	-25.22	QP

Remark:

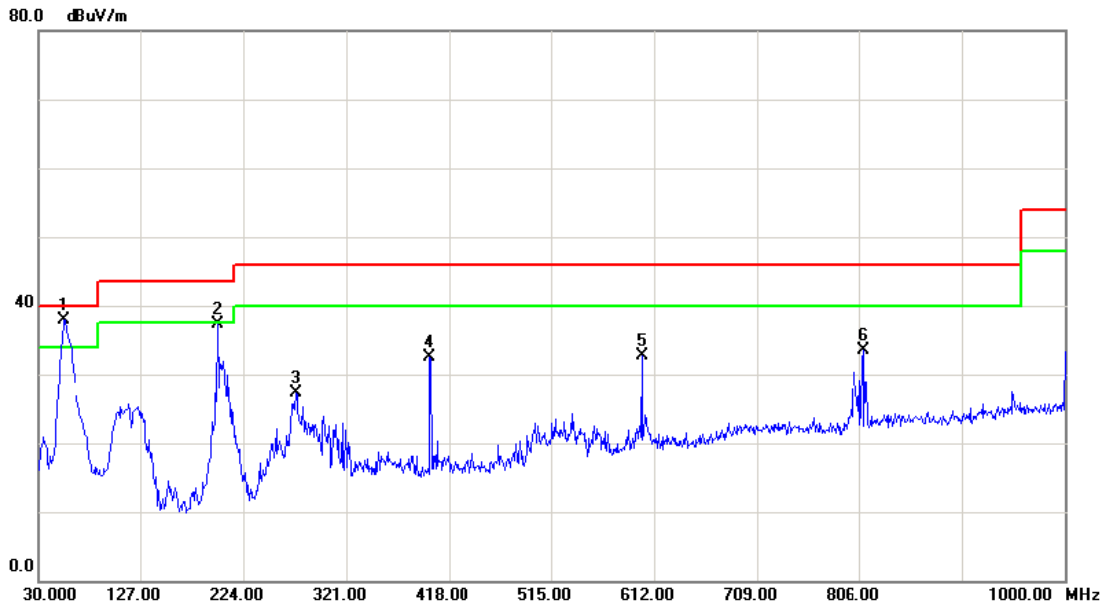
- (1) The amplitude of spurious emissions which are attenuated by more than 20 dB below the permissible value has no need to be reported.
- (2) Distance extrapolation factor = 40 log (specific distance / test distance) (dB);
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.



ATTACHMENT C - RADIATED EMISSION (30MHZ TO 1000MHZ)

Test Mode : Band 1/TX A Mode 5180MHz

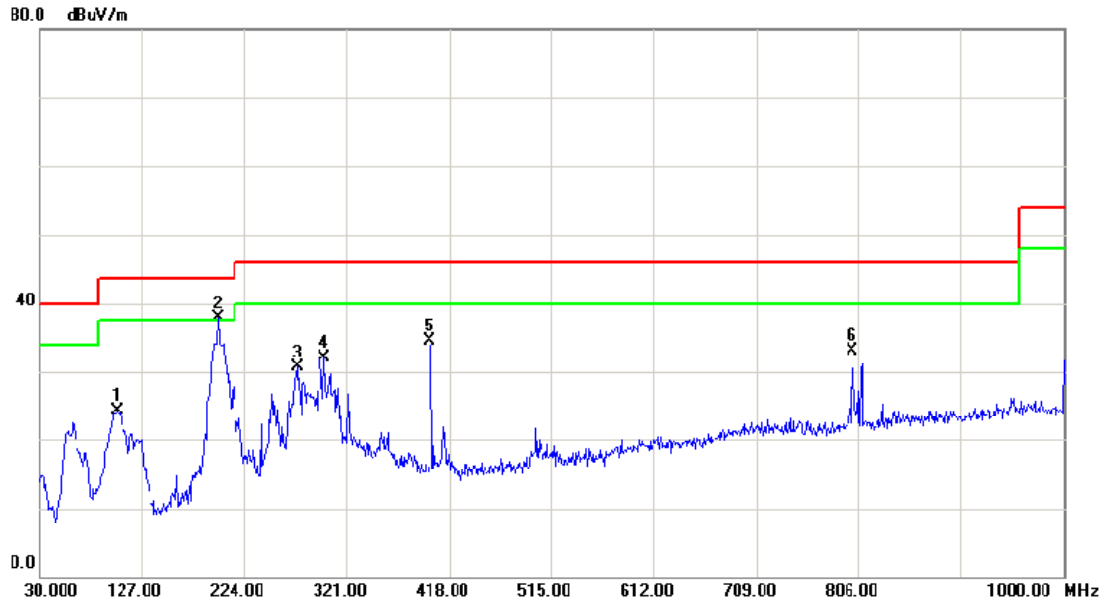
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	54.2500	59.83	-21.96	37.87	40.00	-2.13	peak	
2		199.7500	57.59	-20.31	37.28	43.50	-6.22	peak	
3		273.4700	44.34	-16.95	27.39	46.00	-18.61	peak	
4		399.5700	46.13	-13.53	32.60	46.00	-13.40	peak	
5		600.3600	41.38	-8.70	32.68	46.00	-13.32	peak	
6		809.8800	39.48	-6.05	33.43	46.00	-12.57	peak	

Test Mode : Band 1/TX A Mode 5180MHz

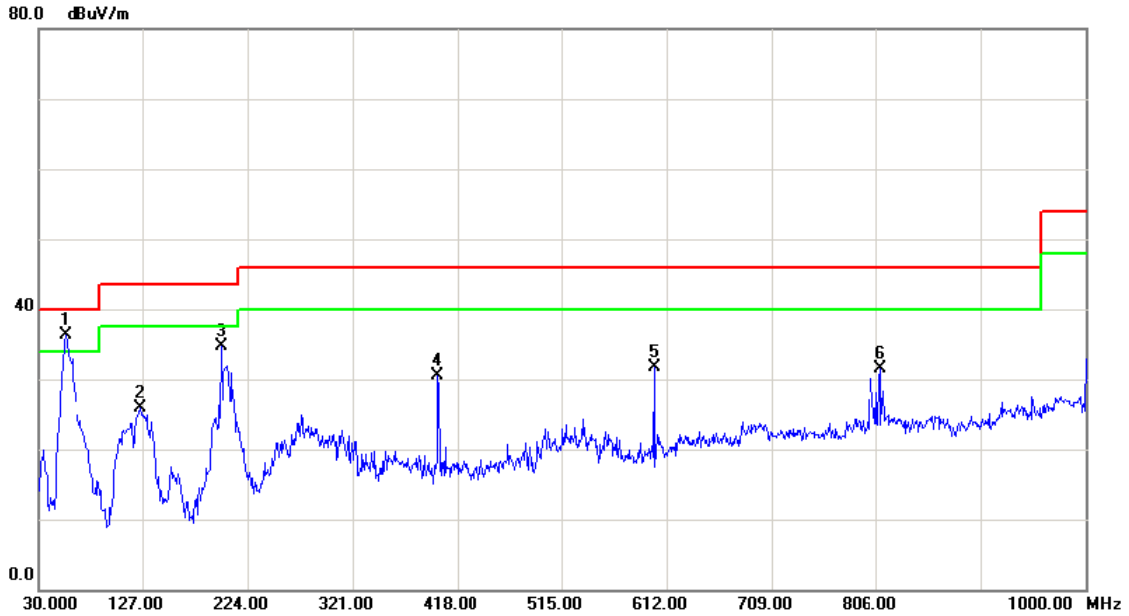
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		104.6900	46.05	-21.77	24.28	43.50	-19.22	peak	
2	*	199.7500	50.30	-20.31	37.99	43.50	-5.51	peak	
3		275.4100	47.58	-16.92	30.66	46.00	-15.34	peak	
4		299.6600	48.68	16.52	32.16	46.00	13.84	peak	
5		399.5700	48.01	-13.53	34.48	46.00	-11.52	peak	
6		800.1800	39.40	-6.34	33.06	46.00	-12.94	peak	

Test Mode : Band 1/TX A Mode 5200MHz

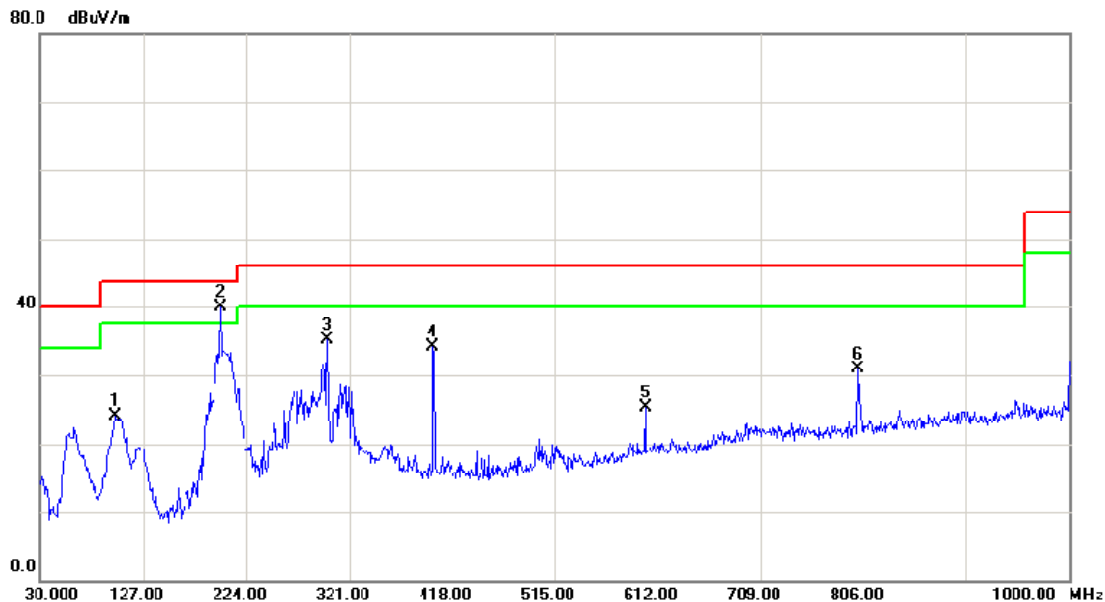
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	55.2200	58.55	-22.20	36.35	40.00	-3.65	peak	
2		125.0600	48.39	-22.58	25.81	43.50	-17.69	peak	
3		199.7500	55.09	-20.31	34.78	43.50	-8.72	peak	
4		399.5700	44.13	-13.53	30.60	46.00	-15.40	peak	
5		600.3600	40.38	-8.70	31.68	46.00	-14.32	peak	
6		809.8800	37.48	-6.05	31.43	46.00	-14.57	peak	

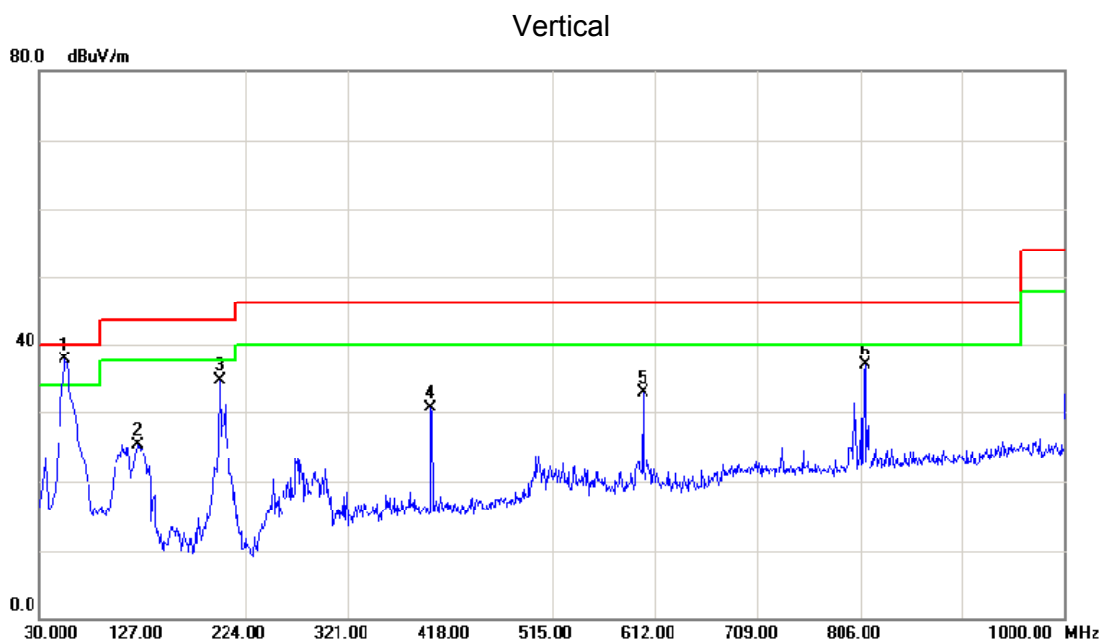
Test Mode : Band 1/TX A Mode 5200MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		100.8100	45.67	-21.55	24.12	43.50	-19.38	peak	
2	*	199.7500	60.29	-20.31	39.98	43.50	-3.52	peak	
3		299.6600	51.57	-16.52	35.05	46.00	-10.95	peak	
4		399.5700	47.70	13.53	34.17	46.00	11.83	peak	
5		600.3600	34.09	-8.70	25.39	46.00	-20.61	peak	
6		800.1800	37.24	-6.34	30.90	46.00	-15.10	peak	

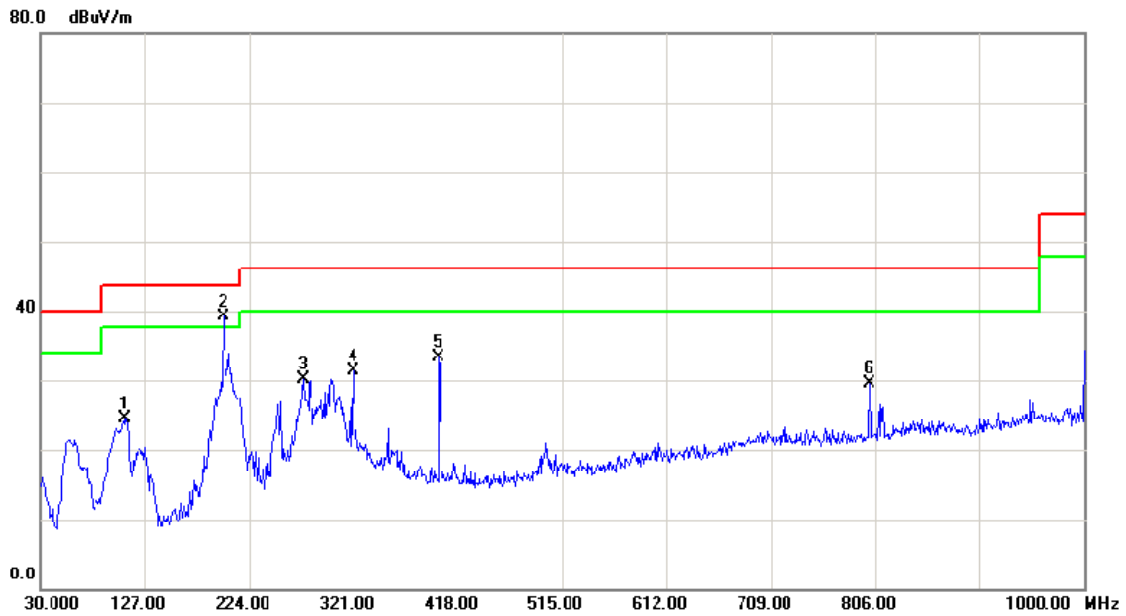
Test Mode : Band 1/TX A Mode 5240MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	54.2500	59.68	-21.96	37.72	40.00	-2.28	peak	
2		122.1500	47.78	-22.52	25.26	43.50	-18.24	peak	
3		199.7500	55.09	-20.31	34.78	43.50	-8.72	peak	
4		399.5700	44.24	-13.53	30.71	46.00	-15.29	peak	
5		600.3600	41.69	-8.70	32.99	46.00	-13.01	peak	
6		809.8800	42.96	-6.05	38.91	46.00	-9.09	peak	

Test Mode : Band 1/TX A Mode 5240MHz

Horizontal



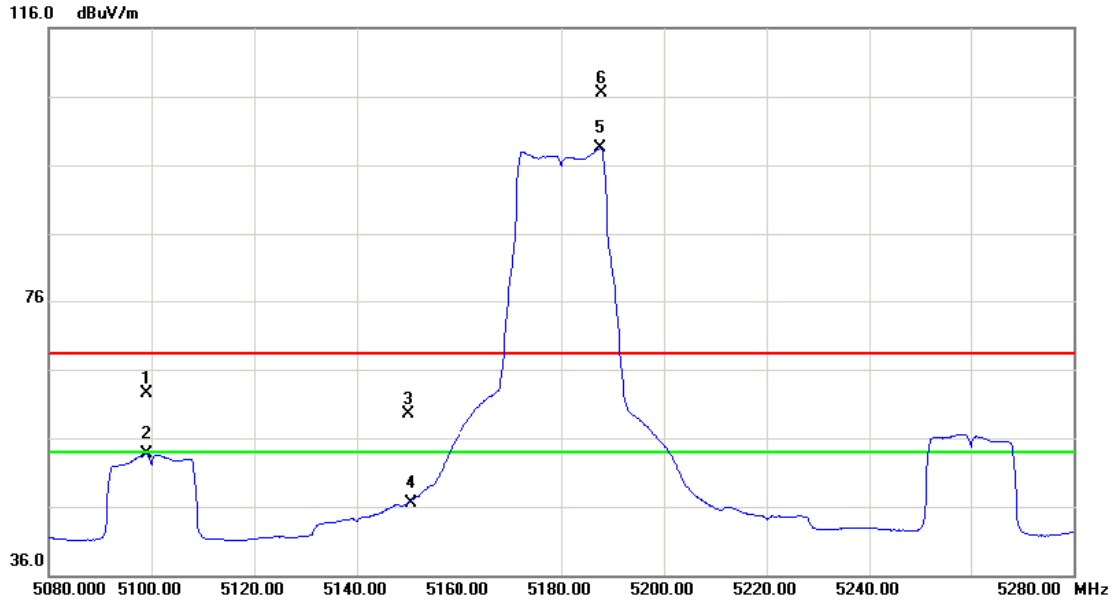
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		108.5700	46.50	-21.98	24.52	43.50	-18.98	peak	
2	*	199.7500	59.42	-20.31	39.11	43.50	-4.39	peak	
3		273.4700	47.07	-16.95	30.12	46.00	-15.00	peak	
4		320.0300	46.70	15.43	31.27	46.00	14.73	poak	
5		399.5700	46.90	-13.53	33.37	46.00	-12.63	peak	
6		800.1800	35.90	-6.34	29.56	46.00	-16.44	peak	



ATTACHMENT D - RADIATED EMISSION (ABOVE 1000MHZ)

Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5180MHz

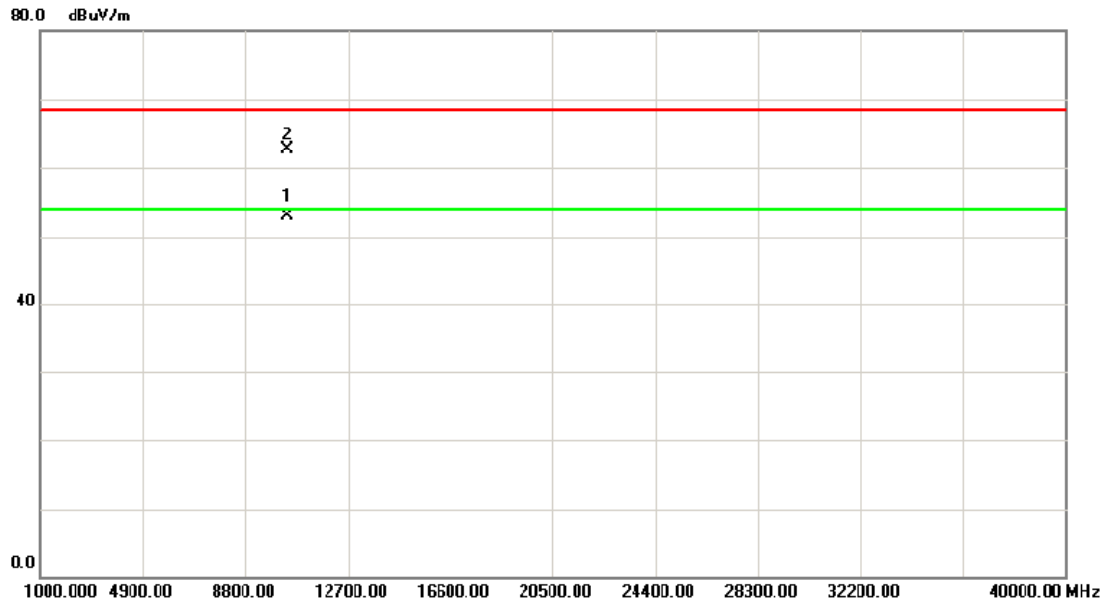
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5099.000	20.68	41.79	62.47	68.30	-5.83	peak	
2		5099.000	11.85	41.79	53.64	54.00	-0.36	AVG	
3		5150.000	17.46	41.99	59.45	68.30	-8.85	peak	
4		5150.000	4.60	41.99	46.59	54.00	-7.41	AVG	
5	*	5187.600	56.26	42.15	98.41	54.00	44.41	AVG	Fundamental frequency, no limit
6	X	5187.800	64.33	42.15	106.48	68.30	38.18	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5180MHz

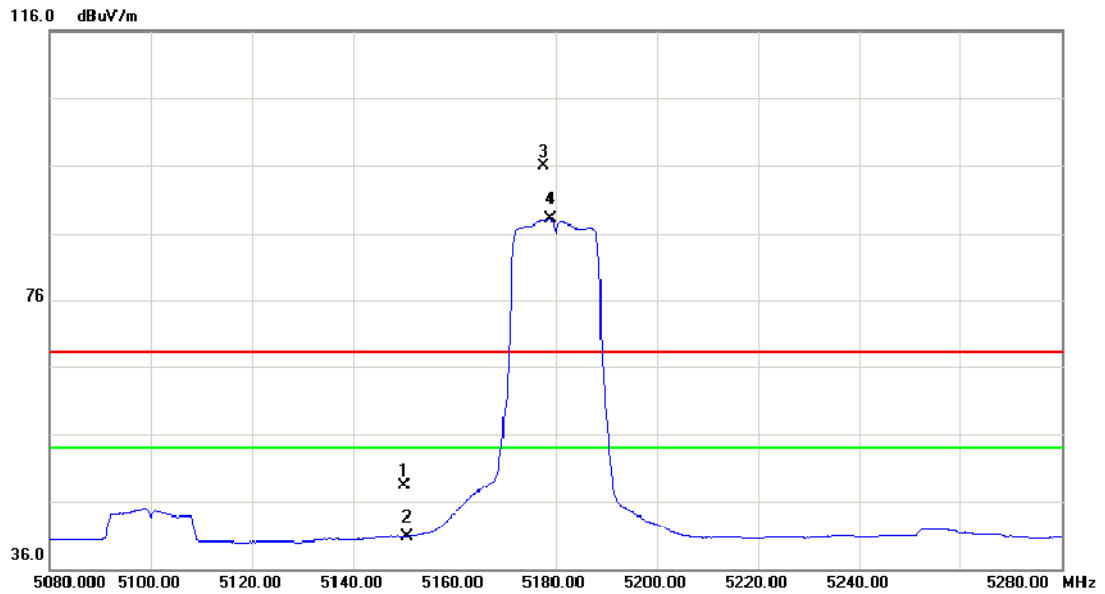
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10359.75	37.15	15.70	52.85	54.00	1.15	AVG	
2		10360.30	47.07	15.70	62.77	68.30	-5.53	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5180MHz

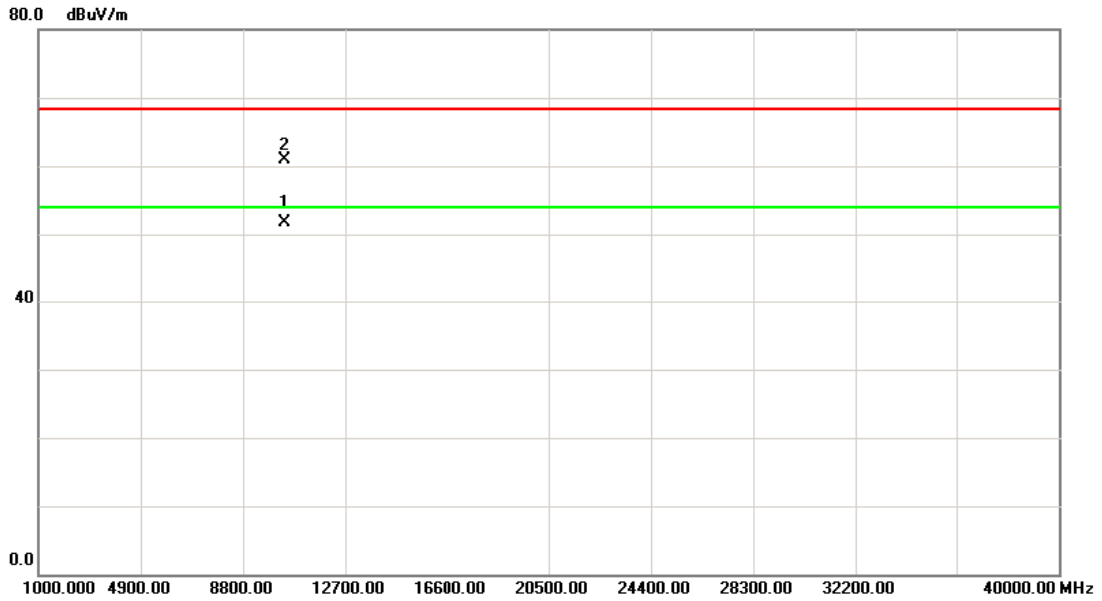
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	6.39	41.99	48.38	68.30	-19.92	peak	
2		5150.000	-1.20	41.99	40.79	54.00	-13.21	AVG	
3	X	5177.600	53.70	42.11	95.81	68.30	27.51	peak	Fundamental frequency, no limit
4	*	5179.000	45.91	42.11	88.02	54.00	34.02	AVG	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5180MHz

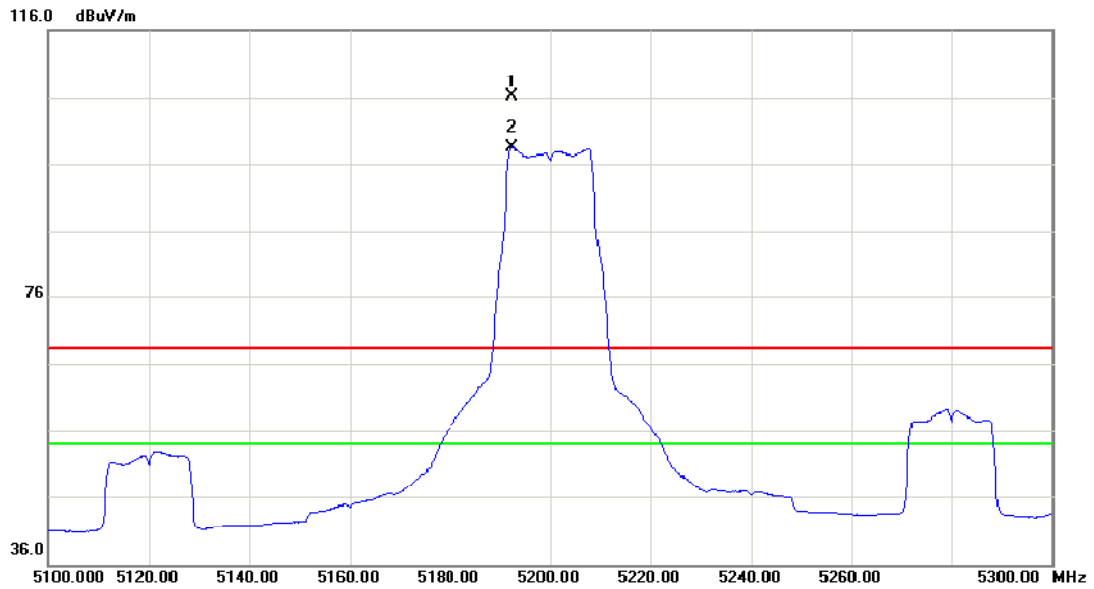
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10359.75	36.05	15.70	51.75	54.00	-2.25	AVG	
2		10360.30	45.12	15.70	60.82	68.30	-7.48	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5200MHz

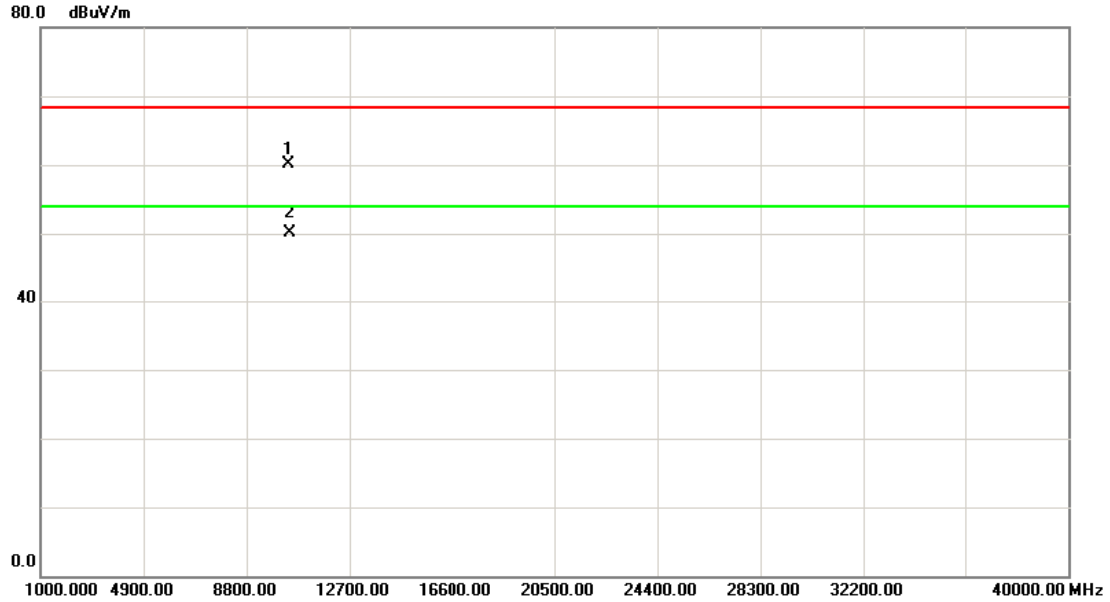
Vertical



No.	Mk	Freq MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	X	5192.400	63.99	42.16	106.15	68.30	37.85	peak	Fundamental frequency, no limit
2	*	5192.400	56.44	42.16	98.60	54.00	44.60	AVG	Fundamental frequency, no limit

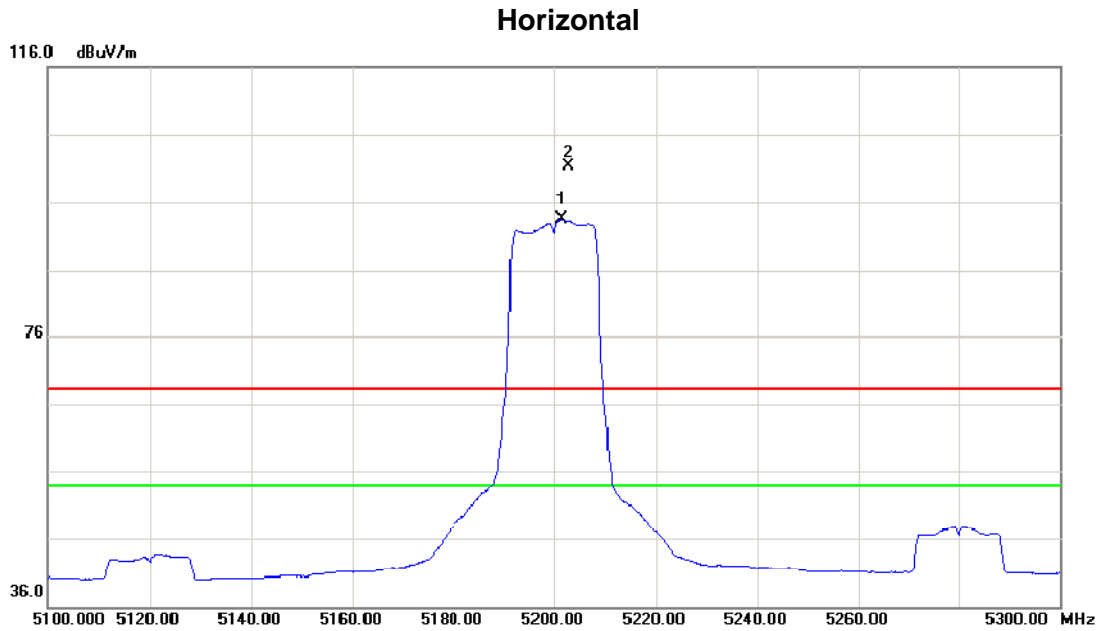
Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5200MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10398.95	44.37	15.64	60.01	68.30	-8.29	peak	
2	*	10401.45	34.54	15.63	50.17	54.00	-3.83	AVG	

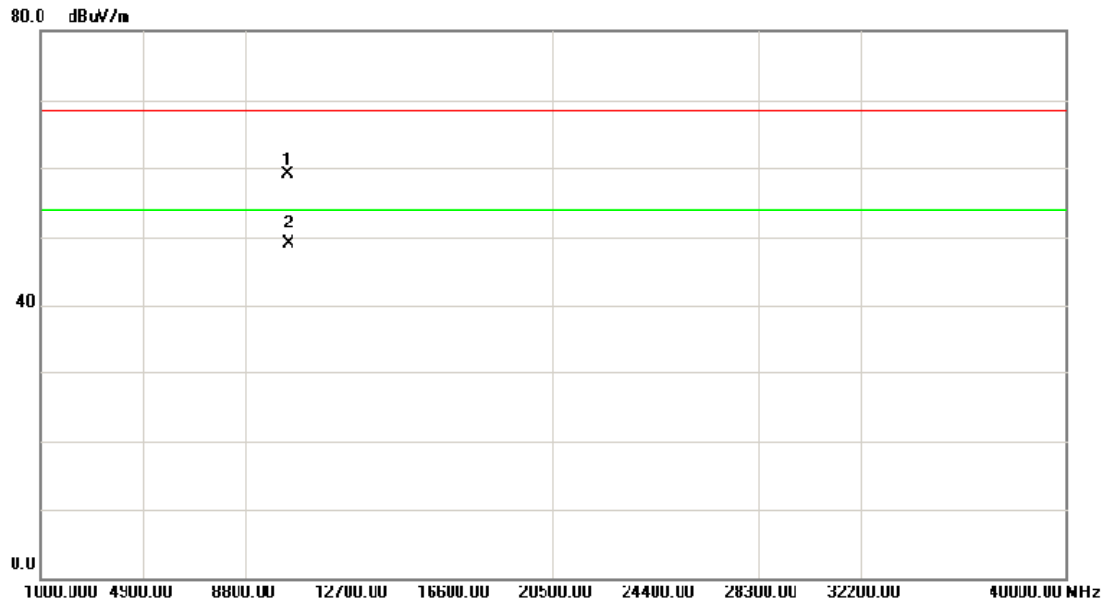
Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5200MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5201.400	51.26	42.21	93.47	54.00	39.47	AVG	Fundamental frequency, no limit
2	X	5202.800	59.00	42.21	101.21	68.30	32.91	peak	Fundamental frequency, no limit

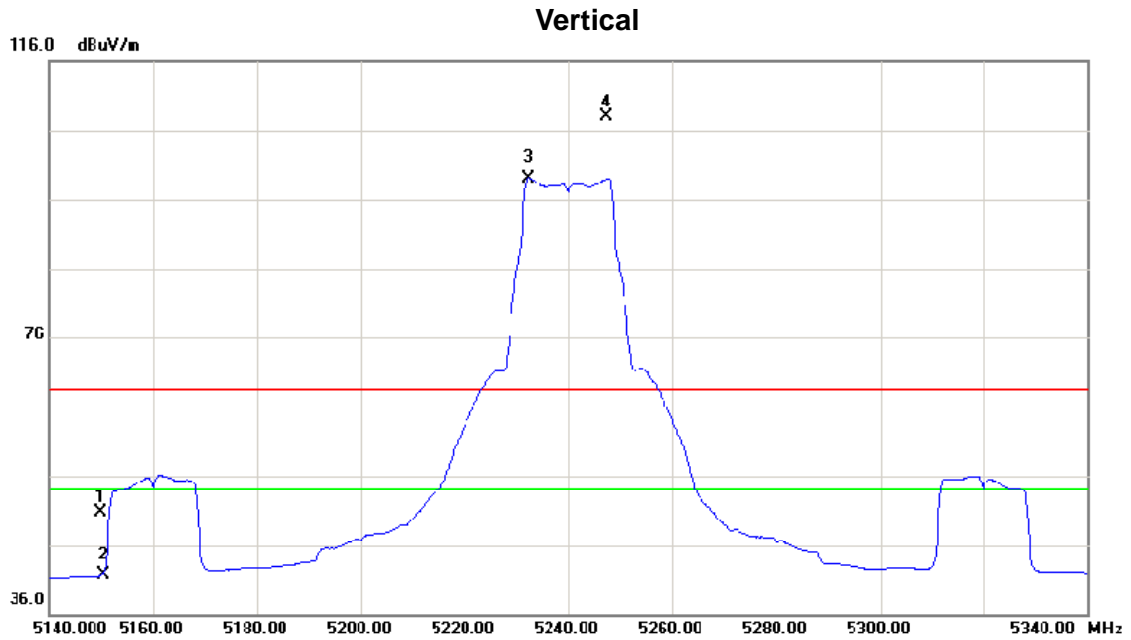
Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5200MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10398.95	43.49	15.64	59.13	68.30	-9.17	peak	
2	*	10401.45	33.51	15.63	49.14	54.00	-4.86	AVG	

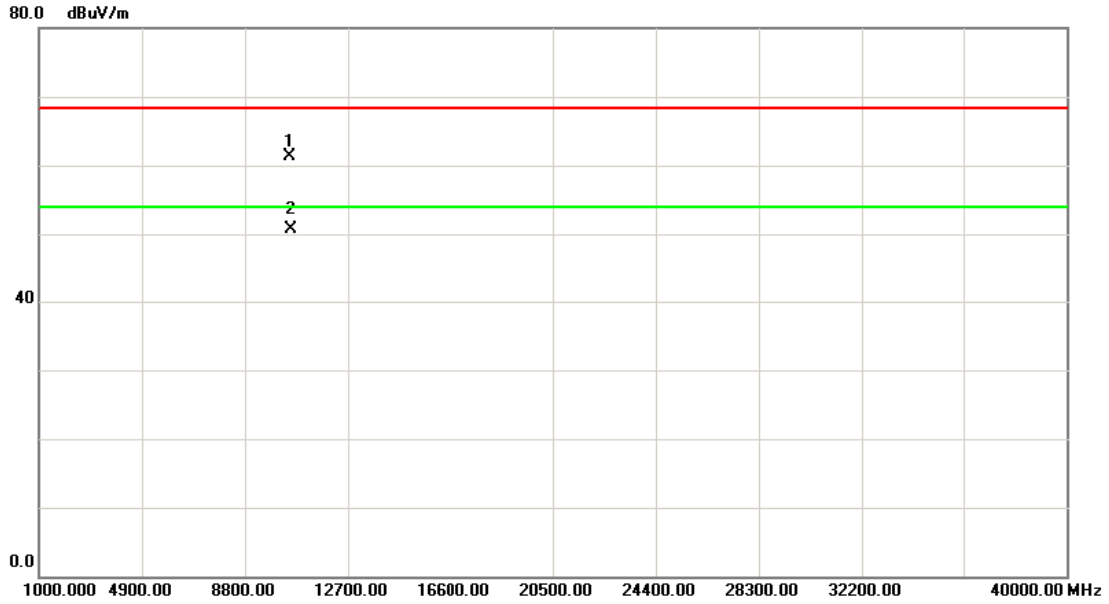
Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5240MHz



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5150.000	8.69	41.99	50.68	68.30	-17.62	peak	
2	5150.000	-0.33	41.99	41.66	54.00	-12.34	AVG	
3 *	5232.400	56.87	42.33	99.20	54.00	45.20	AVG	Fundamental frequency, no limit
4 X	5247.200	65.54	42.39	107.93	60.30	39.63	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5240MHz

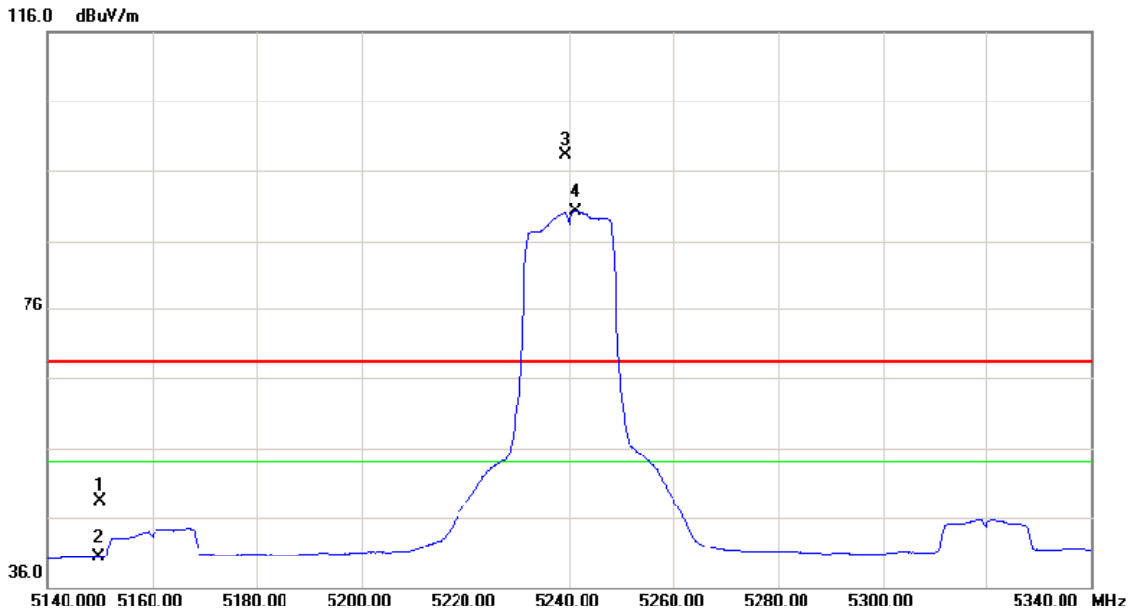
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10478.45	45.71	15.52	61.23	68.30	-7.07	peak	
2	*	10481.50	35.17	15.51	50.68	54.00	-3.32	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5240MHz

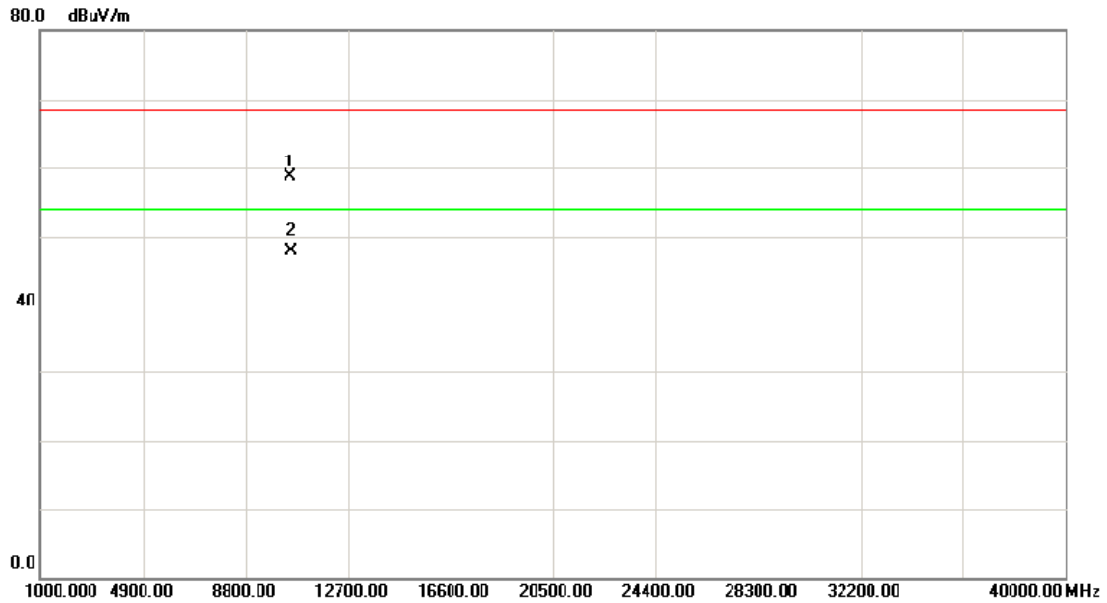
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	6.44	41.99	48.43	68.30	-19.87	peak	
2		5150.000	-1.69	41.99	40.30	54.00	-13.70	AVG	
3	X	5239.400	55.90	42.35	98.25	68.30	29.95	peak	Fundamental frequency, no limit
4	*	5241.200	47.76	42.37	90.13	54.00	36.13	AVG	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX A Mode 5240MHz

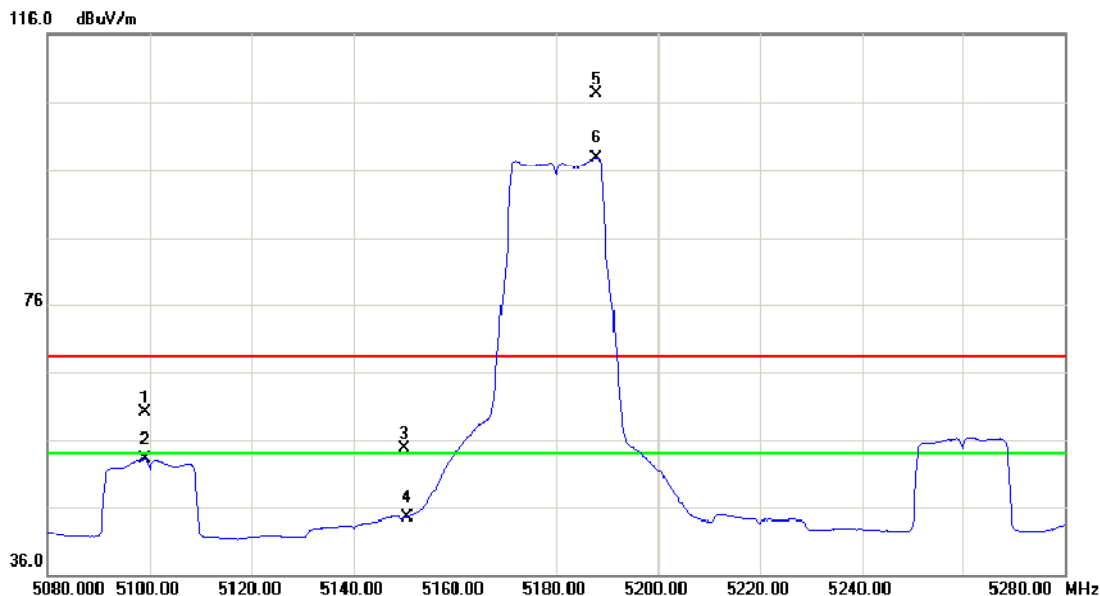
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10479.24	43.25	15.52	58.77	68.30	-9.53	peak	
2	*	10480.52	32.32	15.51	47.83	54.00	-6.17	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5180MHz

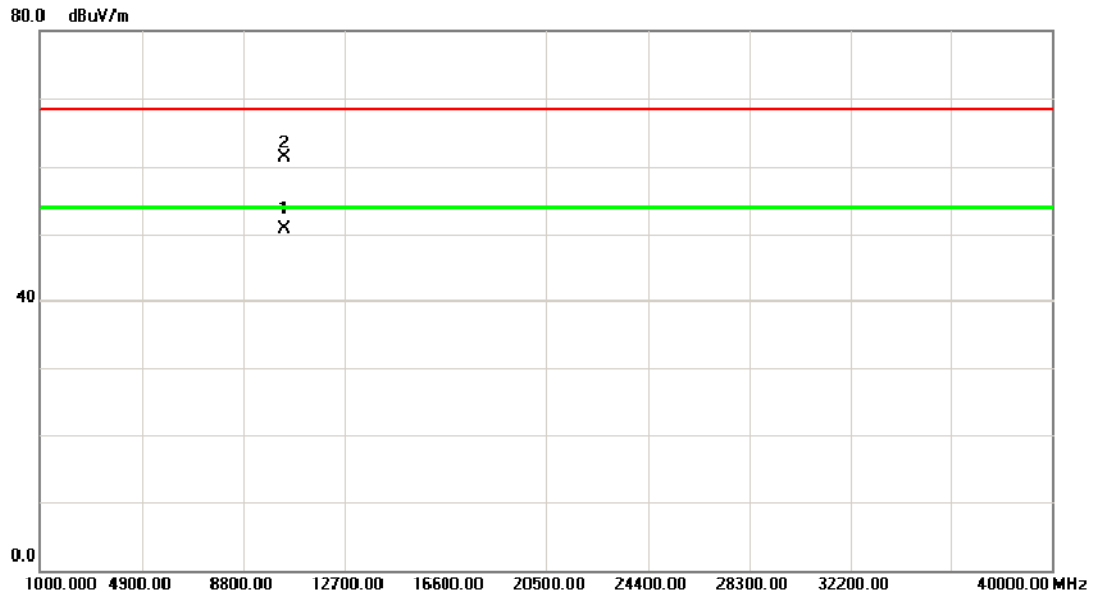
Vertical



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	5099.000	18.30	41.79	60.09	68.30	-8.21	peak	
2	5099.000	11.29	41.79	53.08	54.00	-0.92	AVG	
3	5150.000	12.76	41.99	54.75	68.30	-13.55	peak	
4	5150.000	2.46	41.99	44.45	54.00	-9.55	AVG	
5 X	5187.800	64.97	42.15	107.12	68.30	38.82	peak	Fundamental frequency, no limit
6 *	5187.800	55.63	42.15	97.78	54.00	43.78	AVG	Fundamental frequency, no limit

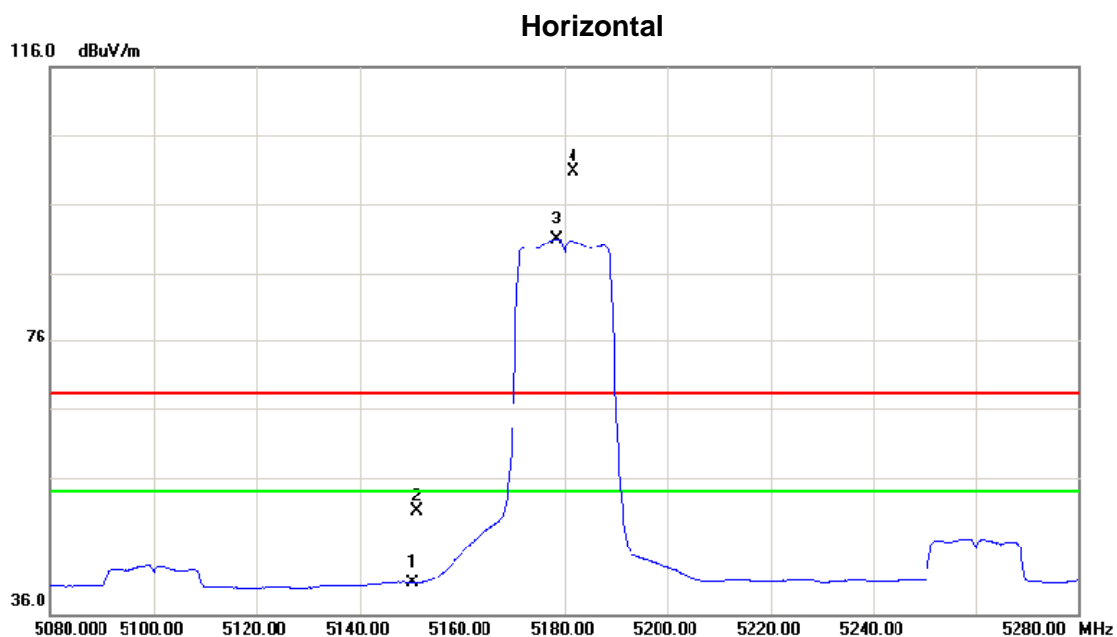
Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5180MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10360.25	34.98	15.70	50.68	54.00	-3.32	AVG	
2		10361.23	45.54	15.69	61.23	68.30	-7.07	peak	

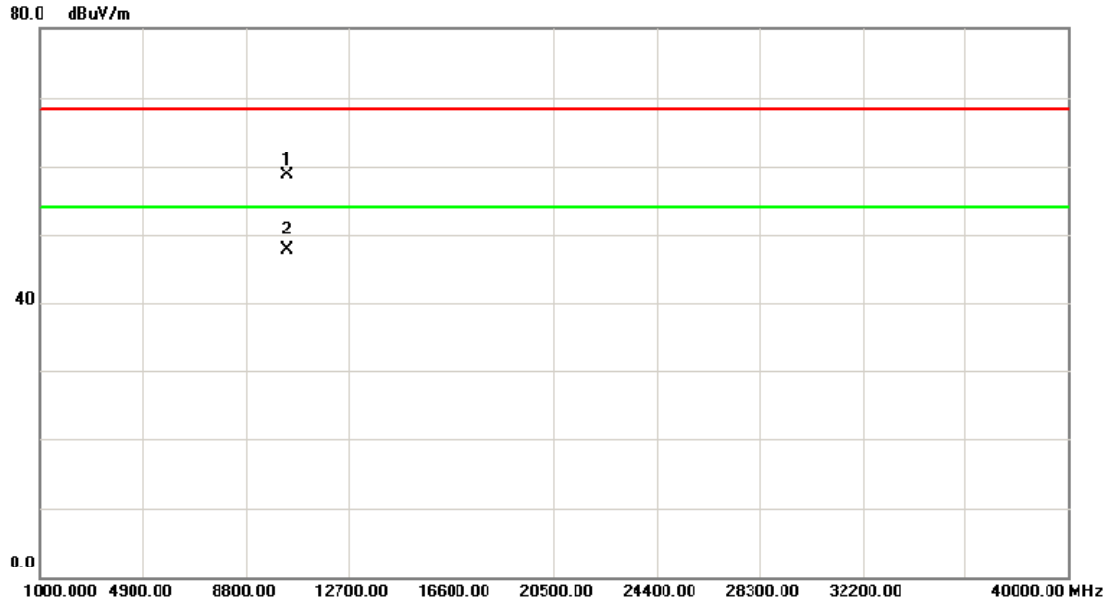
Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5180MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	-1.30	41.99	40.69	54.00	-13.31	AVG	
2		5151.000	9.21	41.99	51.20	68.30	-17.10	peak	
3	*	5178.400	48.77	42.11	90.88	54.00	36.88	AVG	Fundamental frequency, no limit
4	X	5181.800	58.67	42.12	100.79	68.30	32.49	peak	Fundamental frequency, no limit

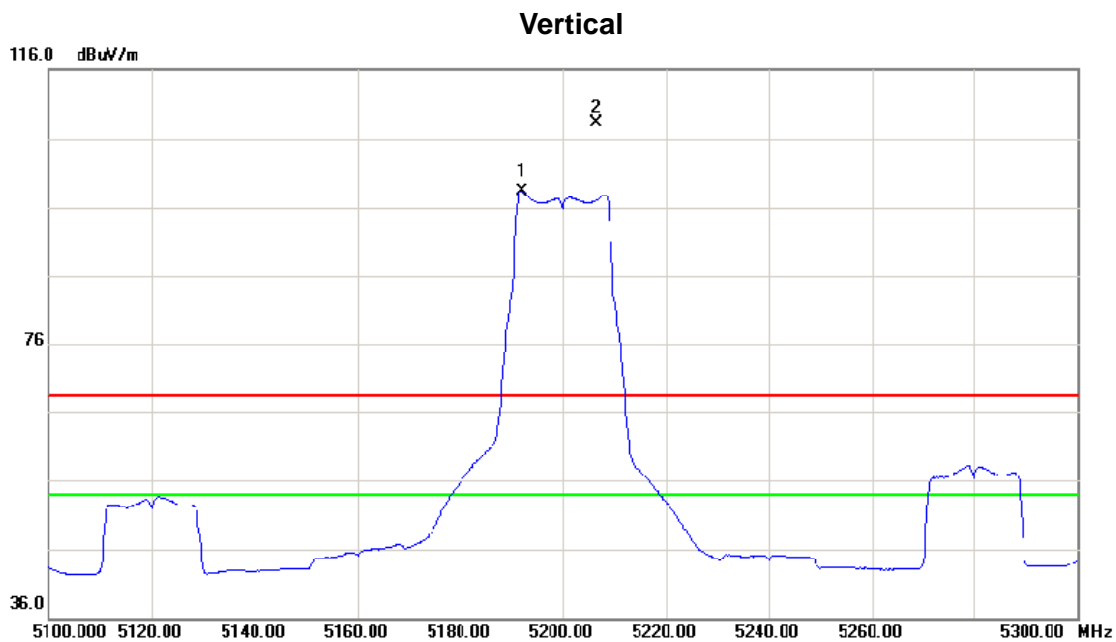
Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5180MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dE	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10360.45	43.07	15.70	58.77	68.30	-9.53	peak	
2	*	10360.64	32.13	15.70	47.83	54.00	-6.17	AVG	

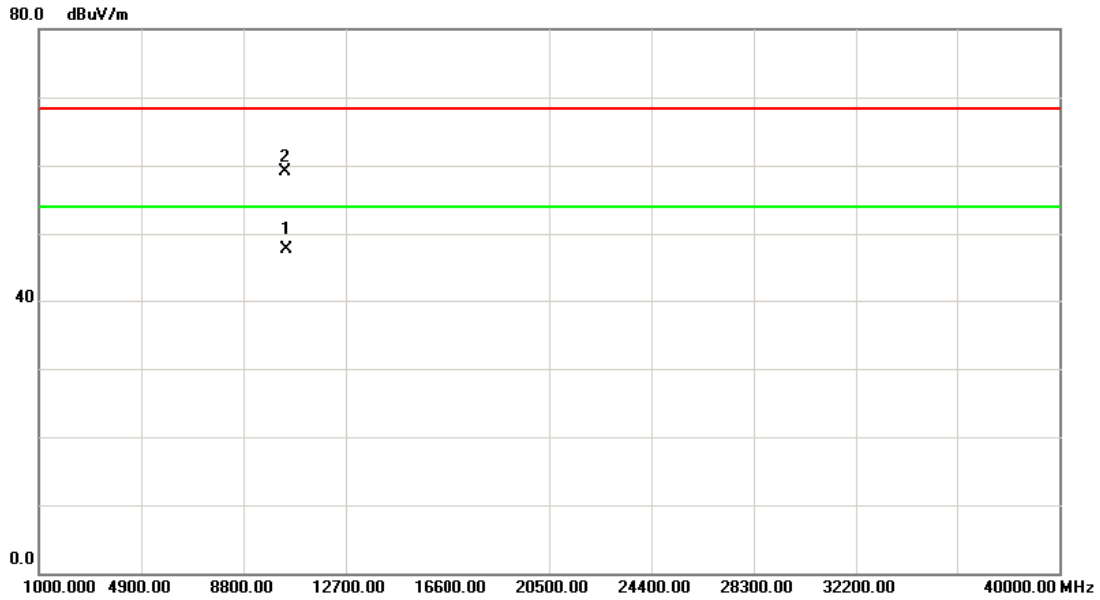
Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5200MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5192.000	56.16	42.16	98.32	54.00	44.32	AVG	Fundamental frequency, no limit
2	X	5206.400	66.17	42.22	108.39	68.30	40.09	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5200MHz

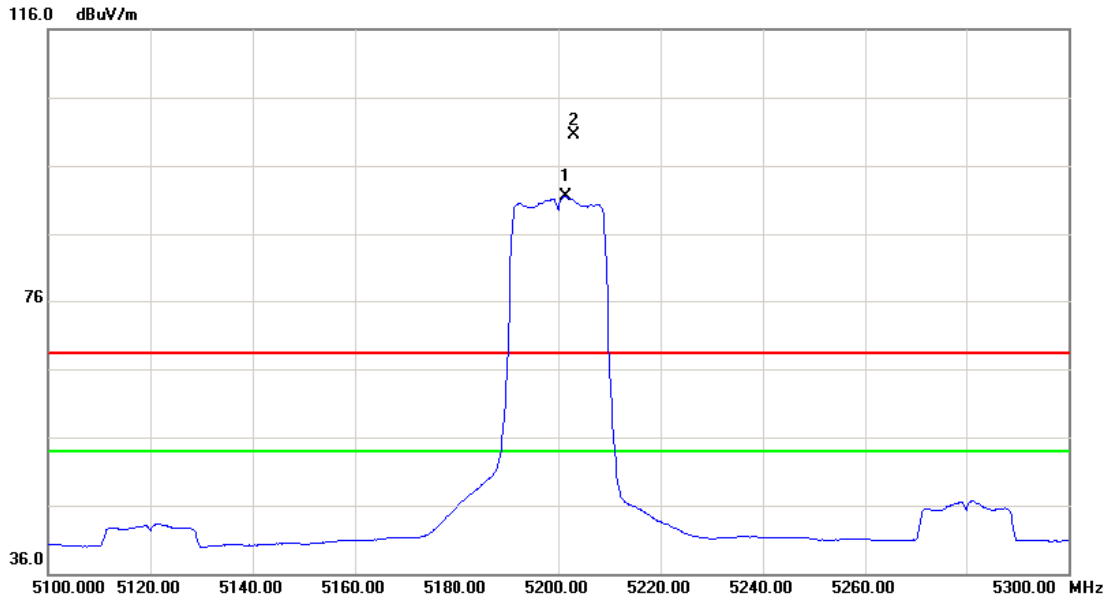
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10399.24	32.09	15.64	47.73	54.00	-6.27	AVG	
2		10400.62	43.55	15.63	59.18	68.30	-9.12	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5200MHz

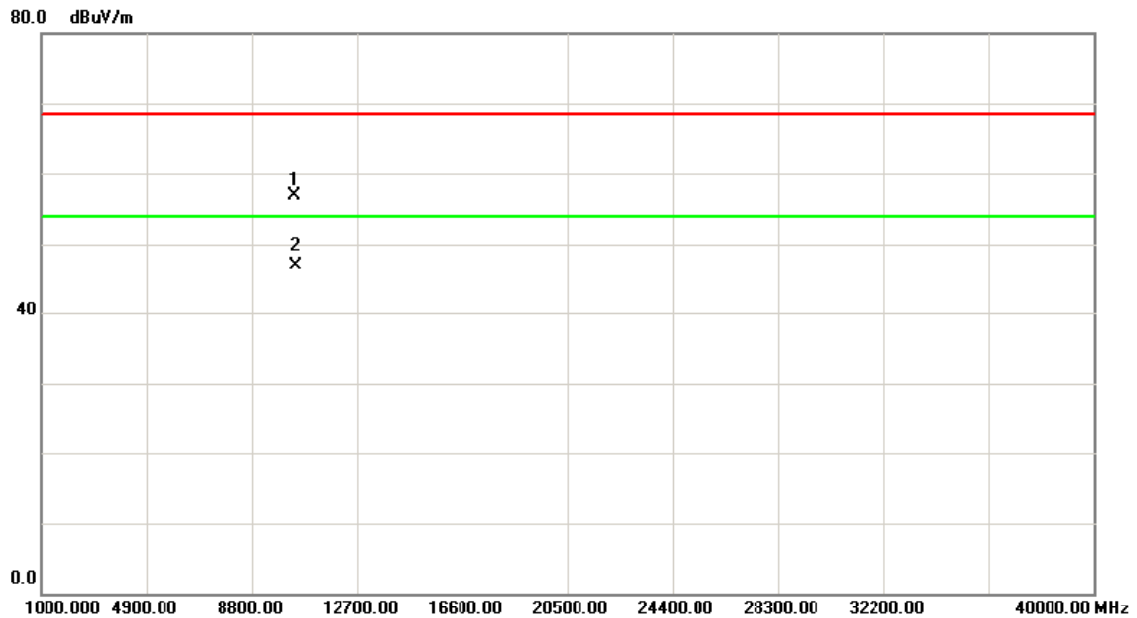
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5201.400	49.30	42.21	91.51	54.00	37.51	AVG	Fundamental frequency, no limit
2	X	5203.000	58.27	42.21	100.48	68.30	32.18	peak	Fundamental frequency, no limit

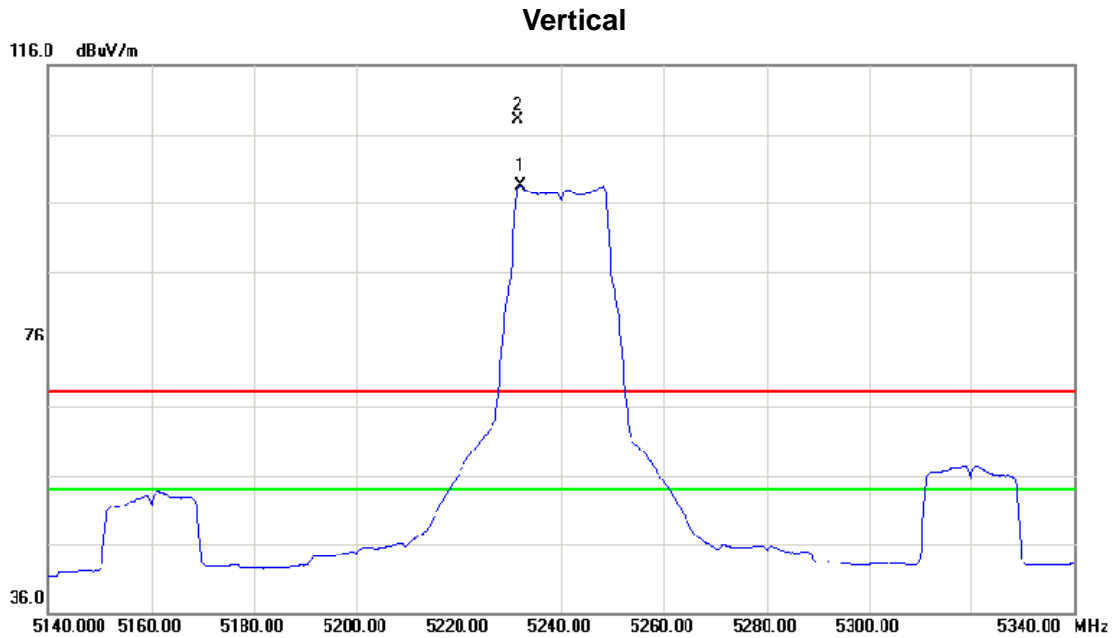
Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5200MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10400.54	41.22	15.64	56.86	68.30	-11.44	peak	
2	*	10401.37	31.31	15.63	46.94	54.00	-7.06	AVG	

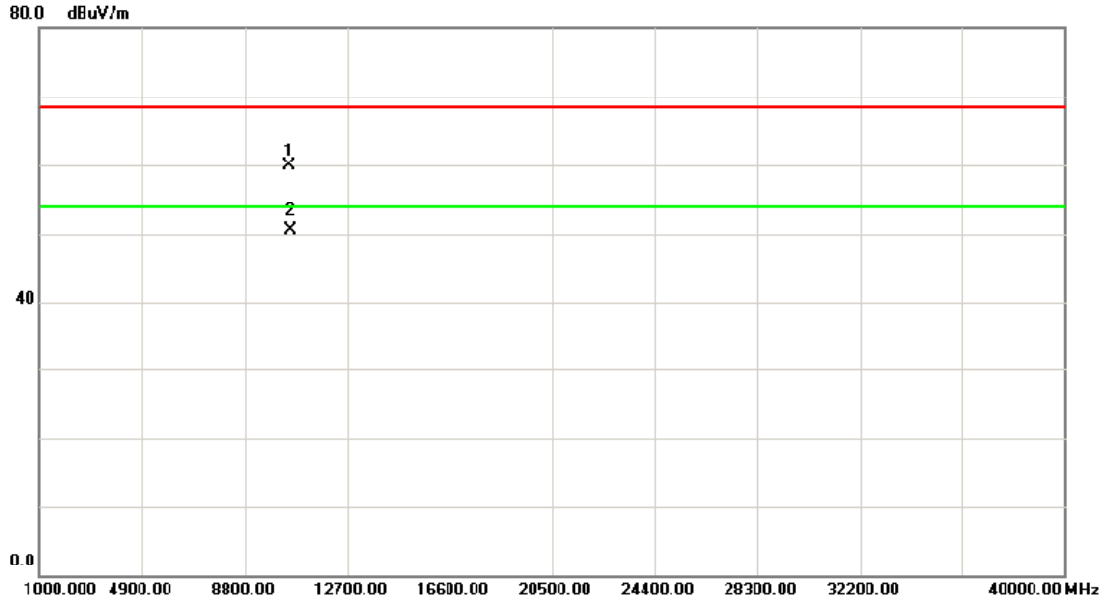
Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5240MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5232.000	56.14	42.33	98.47	54.00	44.47	AVG	Fundamental frequency, no limit
2	X	5231.600	65.82	42.32	108.11	68.30	39.81	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5240MHz

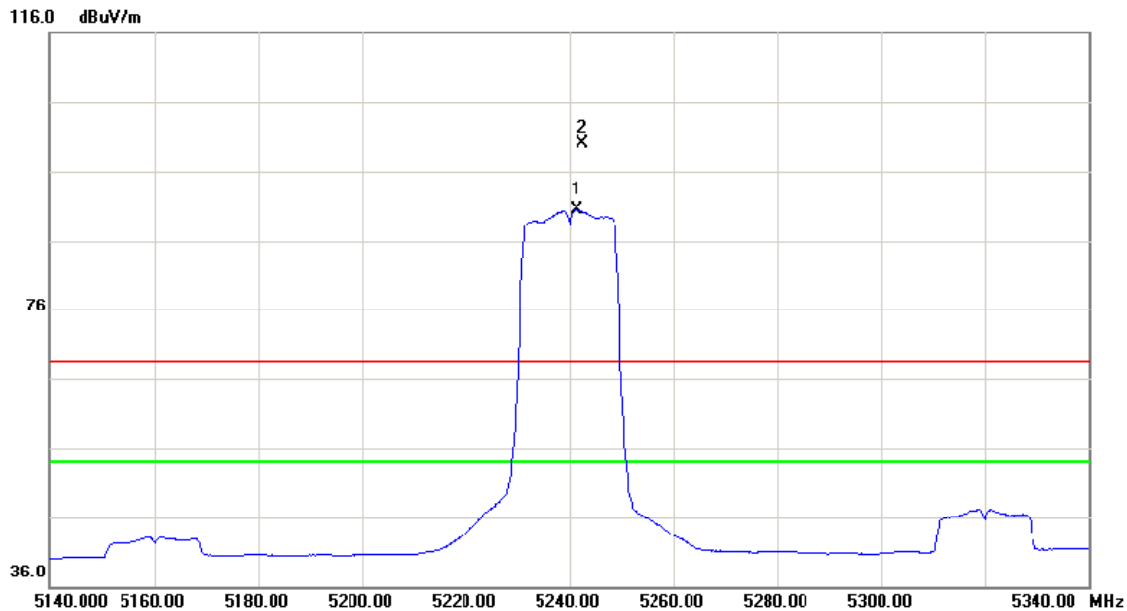
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10480.24	44.35	15.51	59.86	68.30	8.44	peak	
2	*	10480.56	35.05	15.51	50.56	54.00	-3.44	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5240MHz

Horizontal

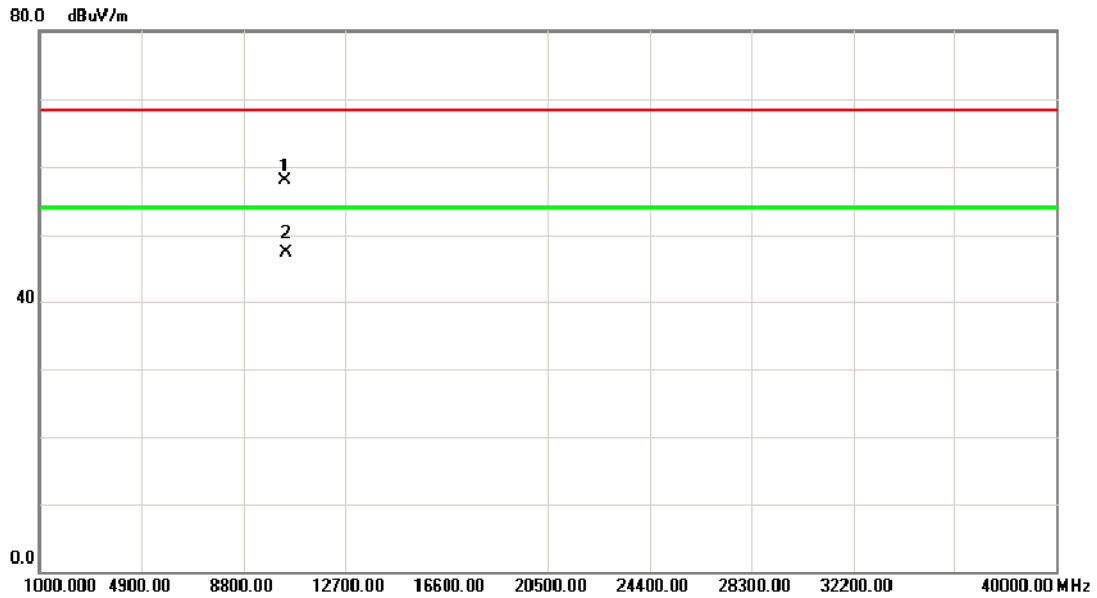


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5241.400	48.11	42.37	90.48	54.00	36.48	AVG	Fundamental frequency, no limit
2	X	5242.400	57.78	42.37	100.15	68.30	31.85	peak	Fundamental frequency, no limit



Orthogonal Axis :	X
Test Mode :	Band 1/ TX N20 Mode 5240MHz

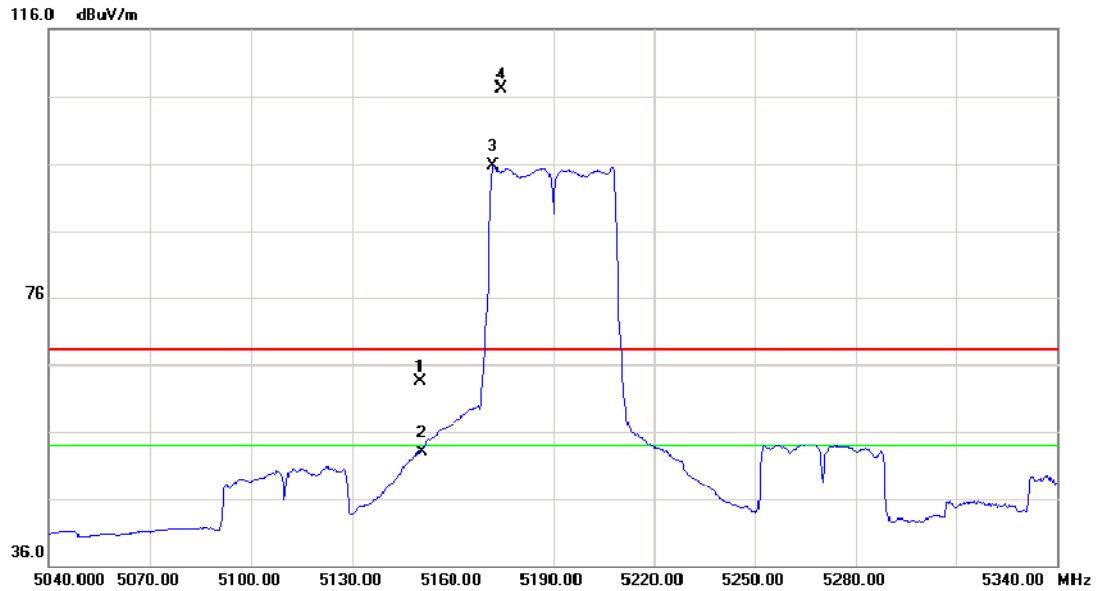
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10400.24	42.25	15.64	57.89	68.30	-10.41	peak	
2	*	10401.35	31.61	15.63	47.24	54.00	-6.76	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N40 Mode 5190MHz

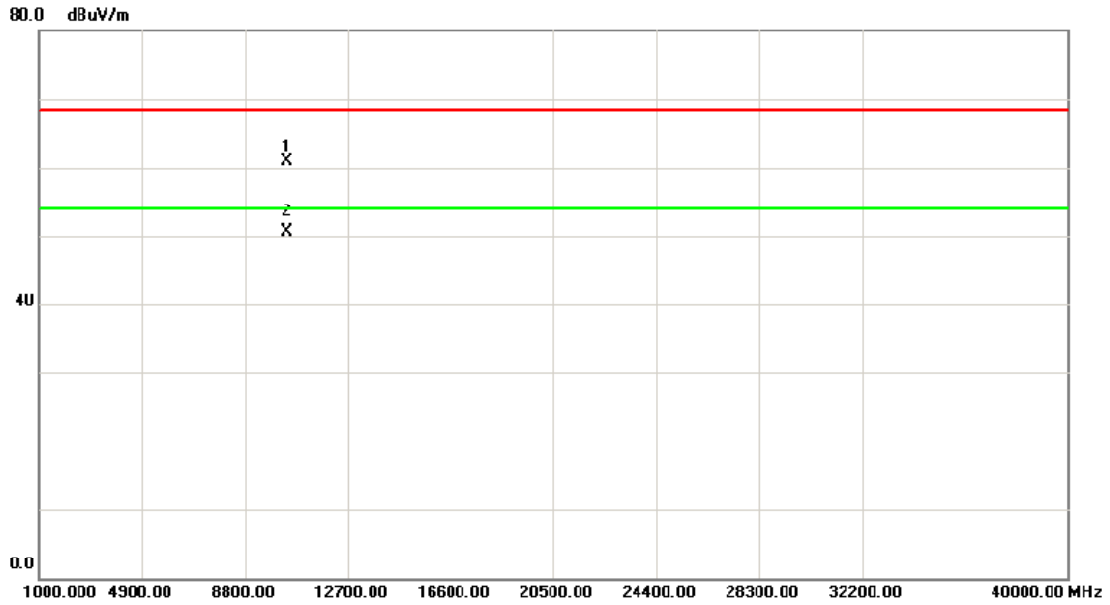
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	21.44	41.99	63.43	68.30	-4.87	peak	
2		5150.000	10.92	41.99	52.91	54.00	-1.09	AVG	
3	*	5172.300	53.64	42.08	95.72	54.00	41.72	AVG	Fundamental frequency, no limit
4	X	5174.400	65.11	42.09	107.20	68.30	38.90	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N40 Mode 5190MHz

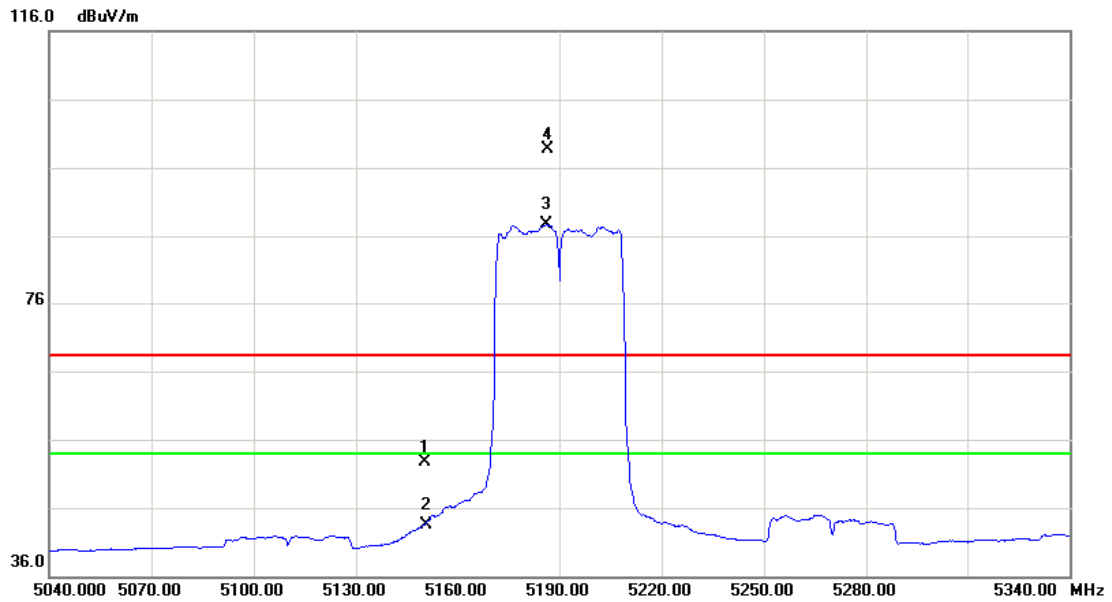
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10300.32	45.33	15.67	61.00	60.00	-7.30	peak	
2	*	10381.25	35.09	15.67	50.76	54.00	-3.24	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N40 Mode 5190MHz

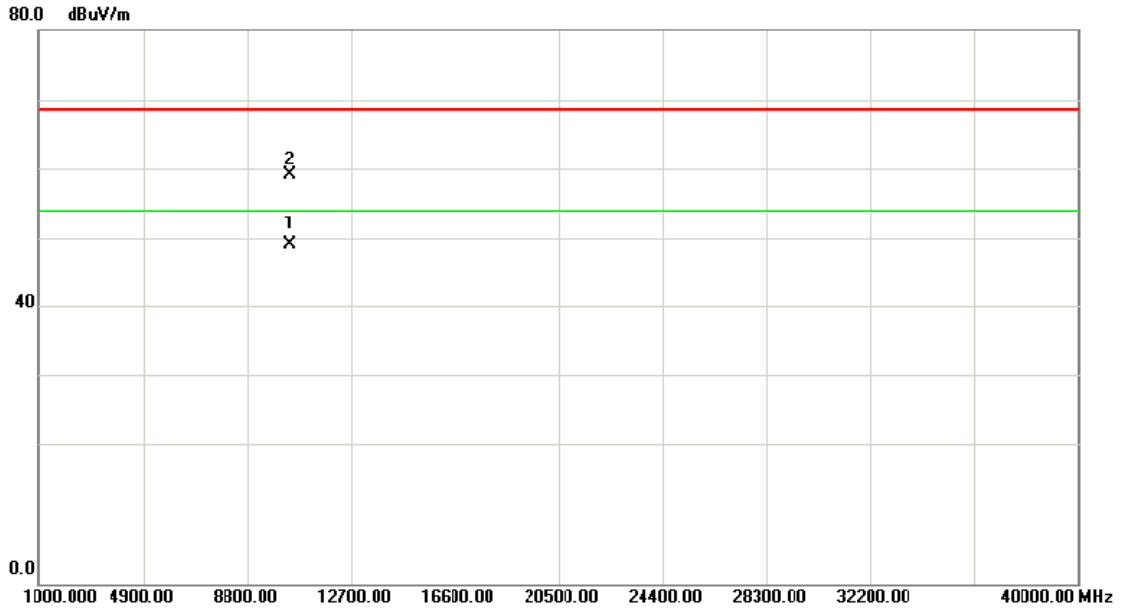
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	10.77	41.99	52.76	68.30	-15.54	peak	
2		5150.000	1.55	41.99	43.54	54.00	-10.46	AVG	
3	*	5186.100	45.54	42.14	87.68	54.00	33.68	AVG	Fundamental frequency, no limit
4	X	5186.400	56.49	42.14	98.63	68.30	30.33	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N40 Mode 5190MHz

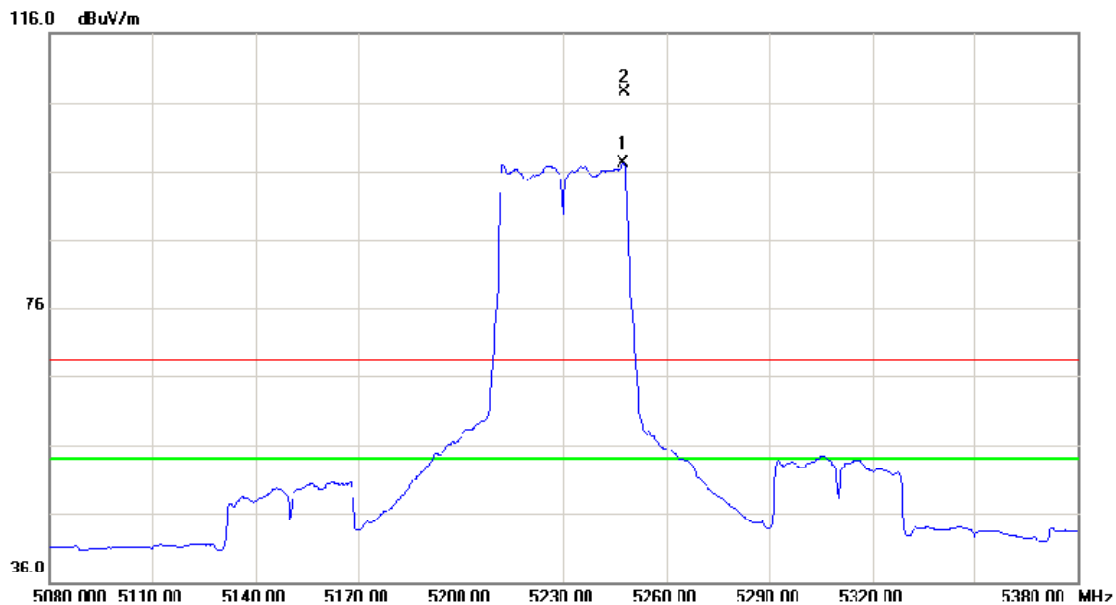
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10379.23	33.52	15.67	49.19	54.00	-4.81	AVG	
2		10380.21	43.41	15.67	59.08	68.30	-9.22	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N40 Mode 5230MHz

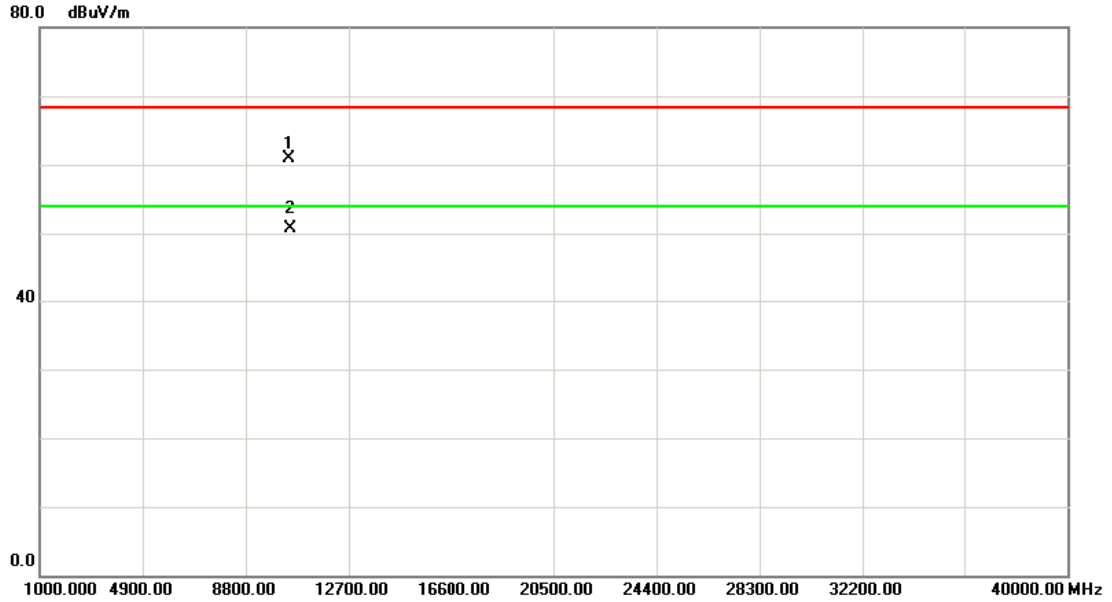
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5247.400	54.68	42.39	97.07	54.00	43.07	AVG	Fundamental frequency, no limit
2	X	5247.700	65.09	42.39	107.48	68.30	39.18	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N40 Mode 5230MHz

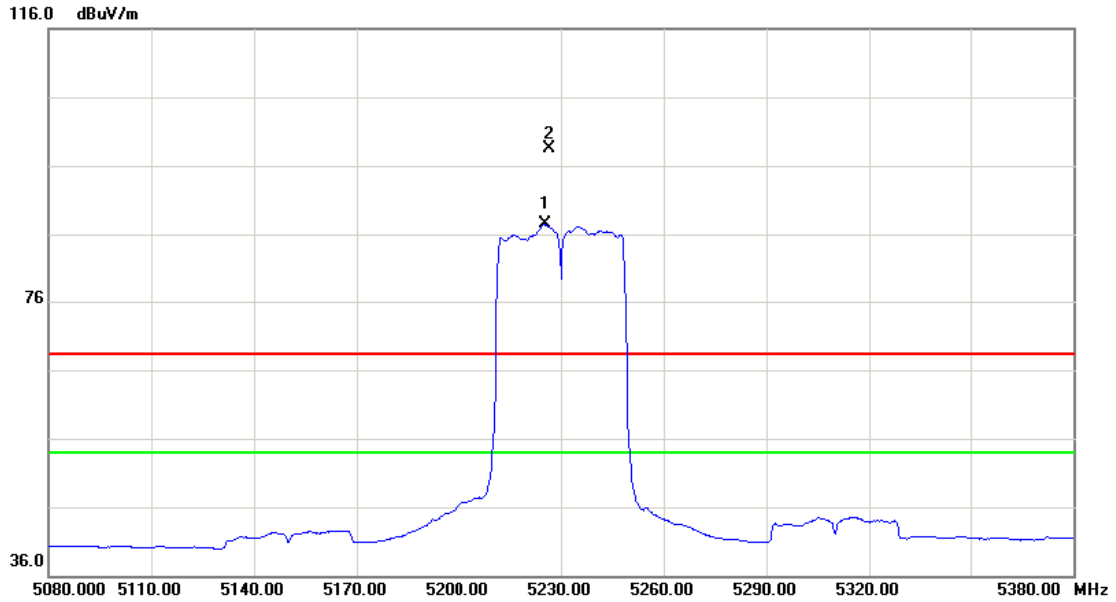
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10459.75	45.46	15.54	61.00	68.30	-7.30	peak	
2	*	10460.39	35.22	15.54	50.76	54.00	-3.24	AVG	

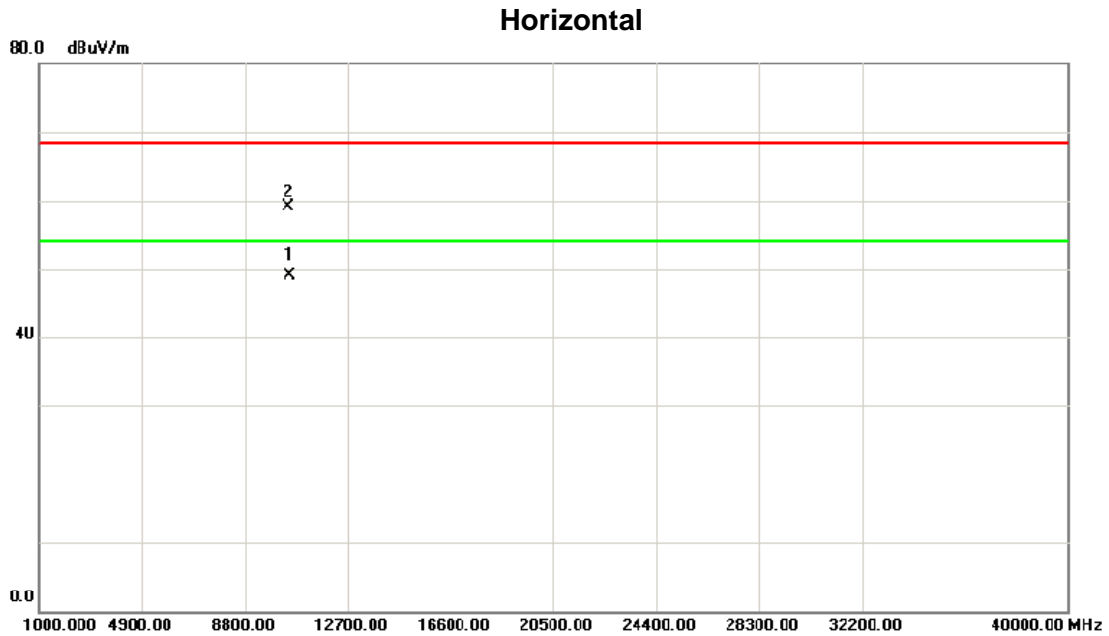
Orthogonal Axis :	X
Test Mode :	Band 1/ TX N40 Mode 5230MHz

Horizontal



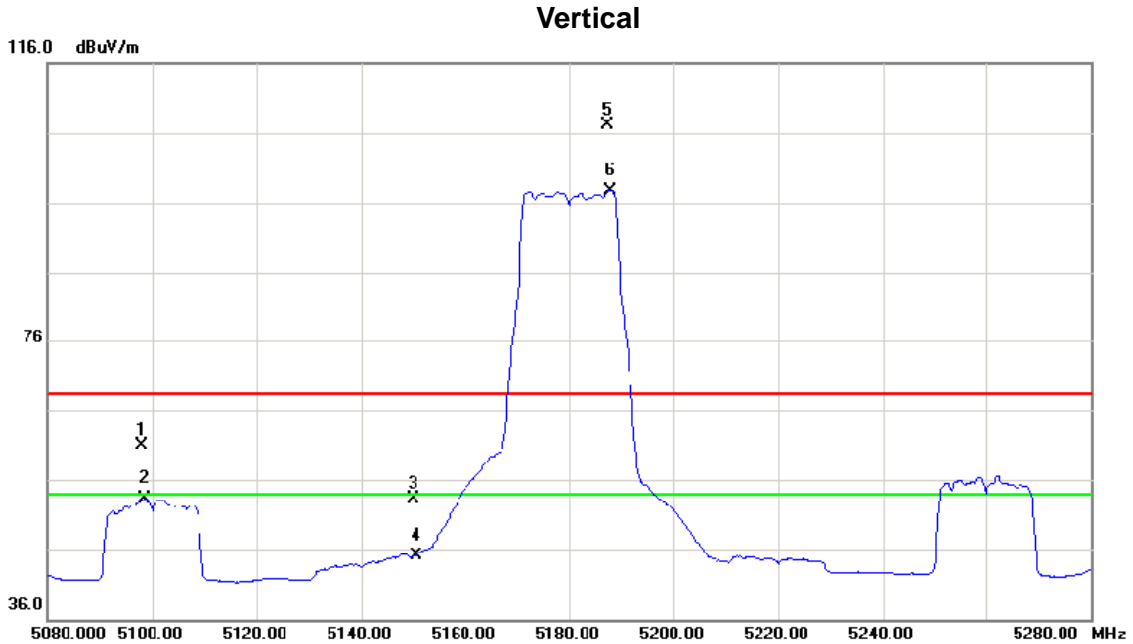
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5225.200	45.13	42.30	87.43	54.00	33.43	AVG	Fundamental frequency, no limit
2	X	5226.400	56.25	42.31	98.56	68.30	30.26	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX N40 Mode 5230MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10460.35	33.65	15.54	49.19	54.00	-4.01	AVG	
2		10461.23	43.54	15.54	59.08	68.30	-9.22	peak	

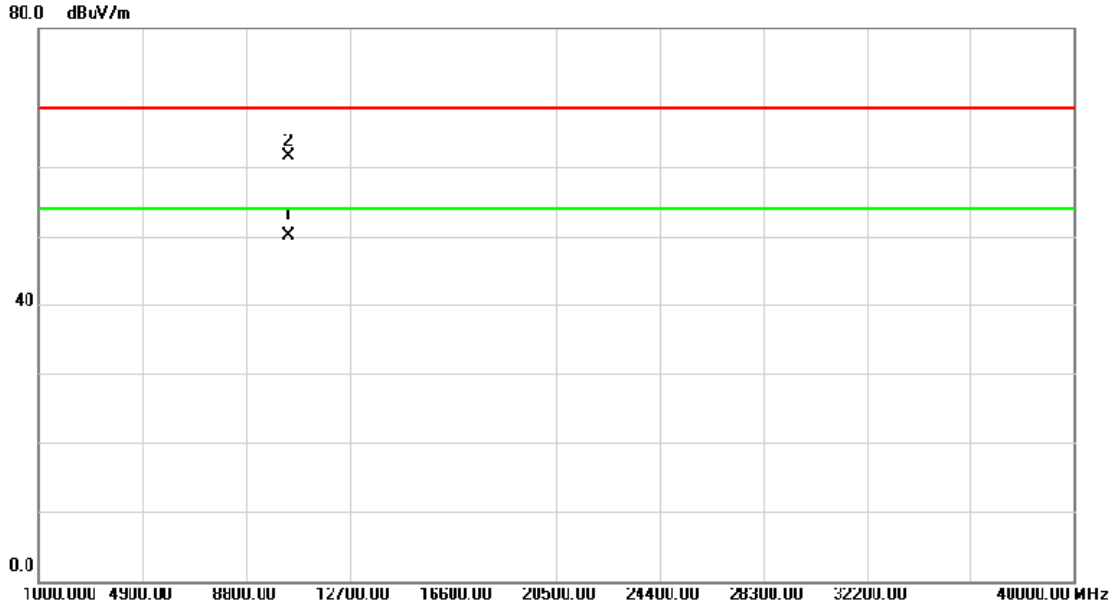
Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5180MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5098.000	19.10	41.78	60.88	68.30	-7.42	peak	
2		5098.600	11.56	41.78	53.34	54.00	-0.66	AVG	
3		5150.000	11.28	41.99	53.27	68.30	-15.03	peak	
4		5150.000	3.09	41.99	45.08	54.00	-8.92	AVG	
5	X	5187.400	65.00	42.14	107.14	68.30	38.84	peak	Fundamental frequency, no limit
6	*	5187.800	55.64	42.15	97.79	54.00	43.79	AVG	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5180MHz

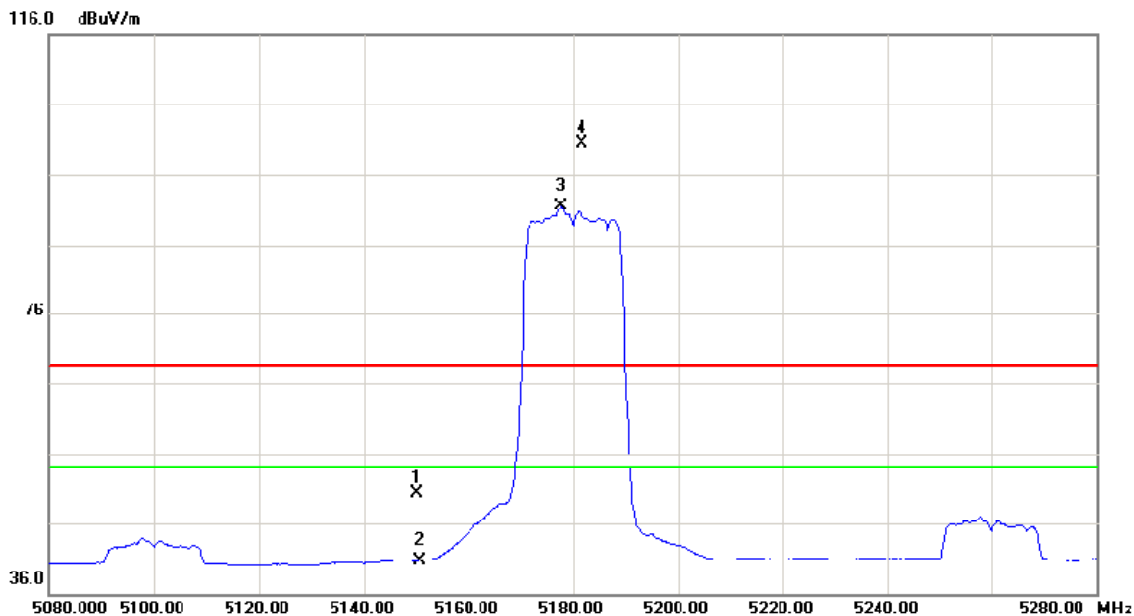
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10359.87	34.35	15.70	50.05	54.00	-3.95	AVG	
2		10360.53	45.87	15.70	61.57	68.30	-6.73	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5180MHz

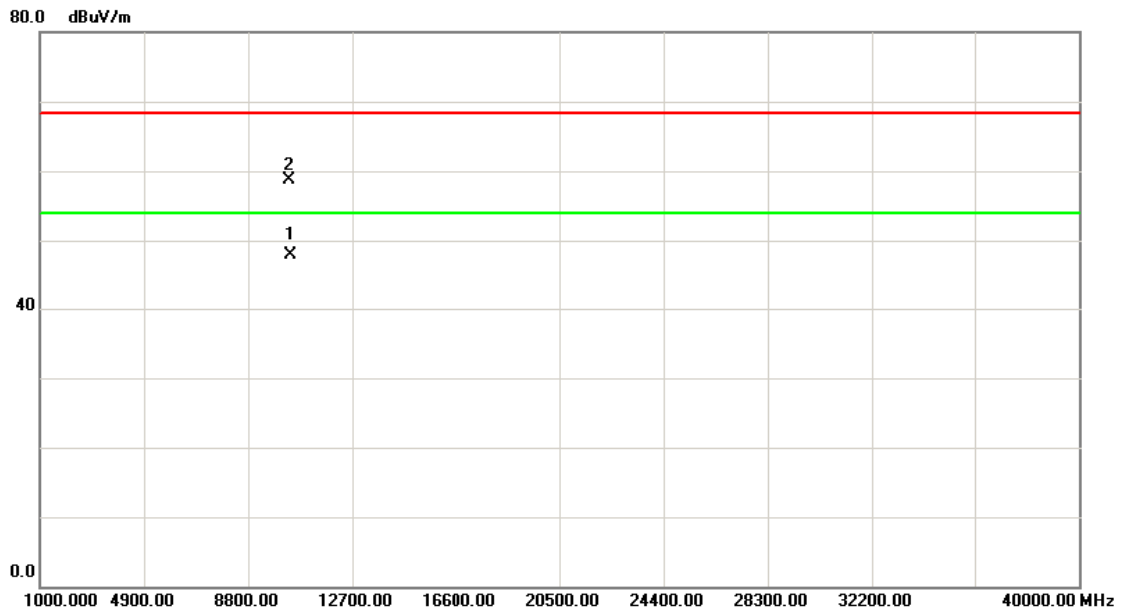
Horizontal



No.	Mk.	Freq. MHz	Reading Level dDuV	Correct Factor dB	Measure- ment dDuV/m	Limit dDuV/m	Over dB	Detector	Comment
1		5150.000	8.38	41.99	50.37	68.30	-17.93	peak	
2		5150.000	-1.21	41.99	40.78	54.00	-13.22	AVG	
3	*	5177.800	49.31	42.11	91.42	54.00	37.42	AVG	Fundamental frequency, no limit
4	X	5181.800	58.44	42.12	100.56	68.30	32.26	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5180MHz

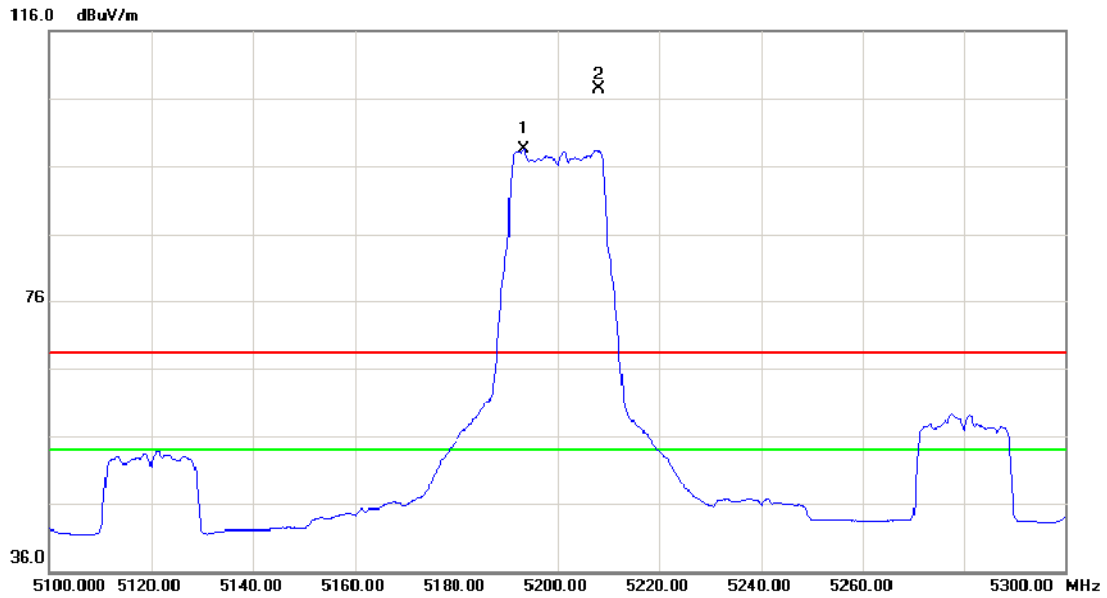
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10358.91	32.13	15.70	47.83	54.00	-6.17	AVG	
2		10359.63	43.07	15.70	58.77	68.30	-9.53	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5200MHz

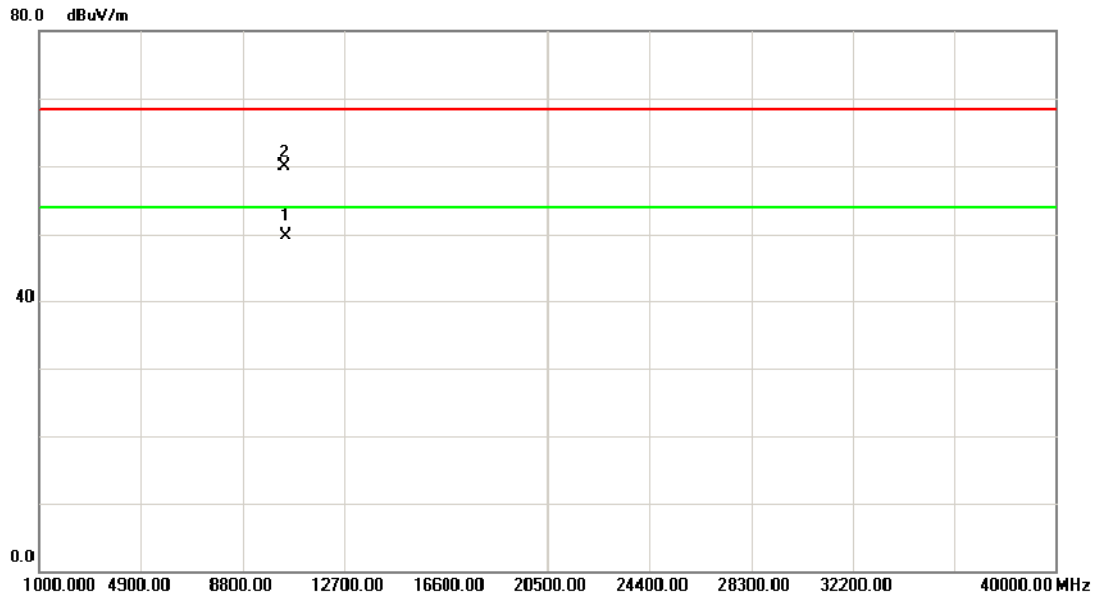
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5193.400	56.28	42.17	98.45	54.00	44.45	AVG	Fundamental frequency, no limit
2	X	5208.000	65.08	42.23	107.31	68.30	39.01	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5200MHz

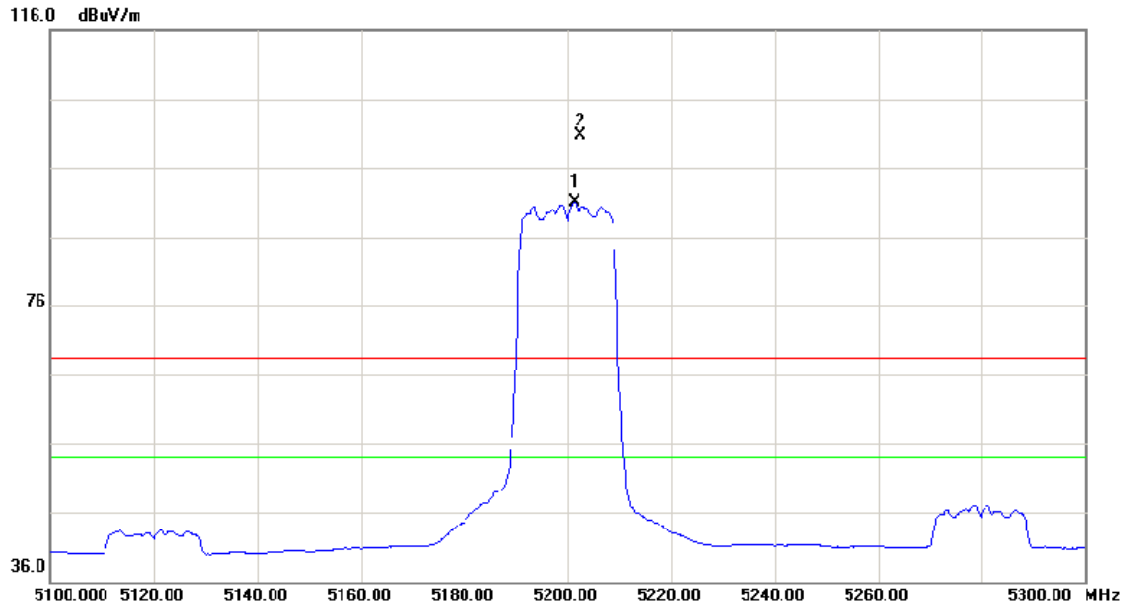
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10400.89	34.11	15.63	49.74	54.00	-4.26	AVG	
2		10401.22	44.35	15.63	59.98	68.30	-8.32	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5200MHz

Horizontal

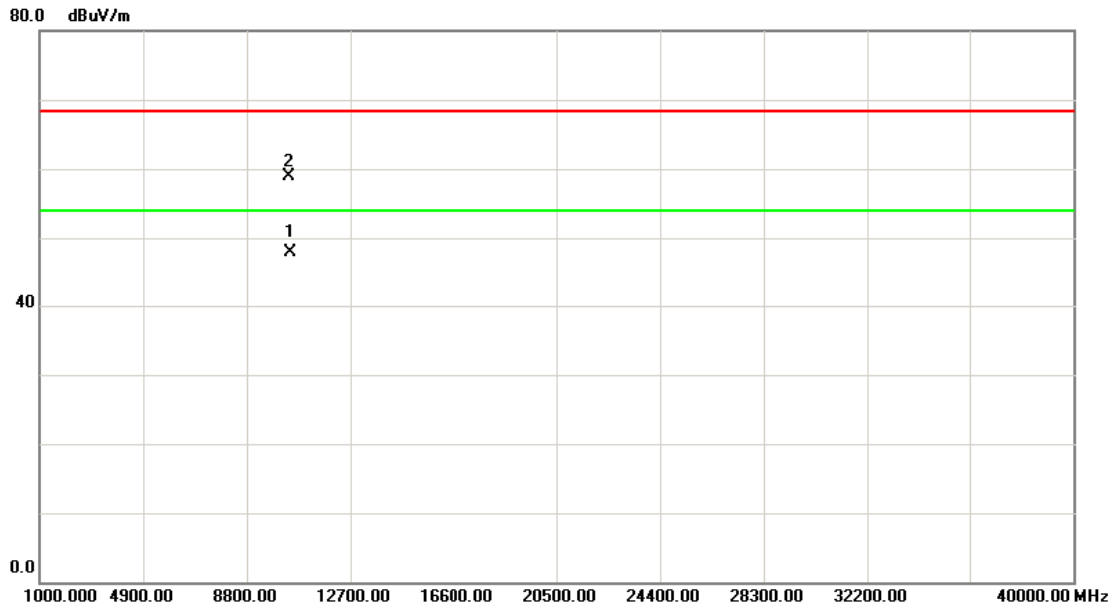


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5201.400	48.85	42.21	91.06	54.00	37.06	AVG	Fundamental frequency, no limit
2	X	5202.600	58.44	42.21	100.65	68.30	32.35	peak	Fundamental frequency, no limit



Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5200MHz

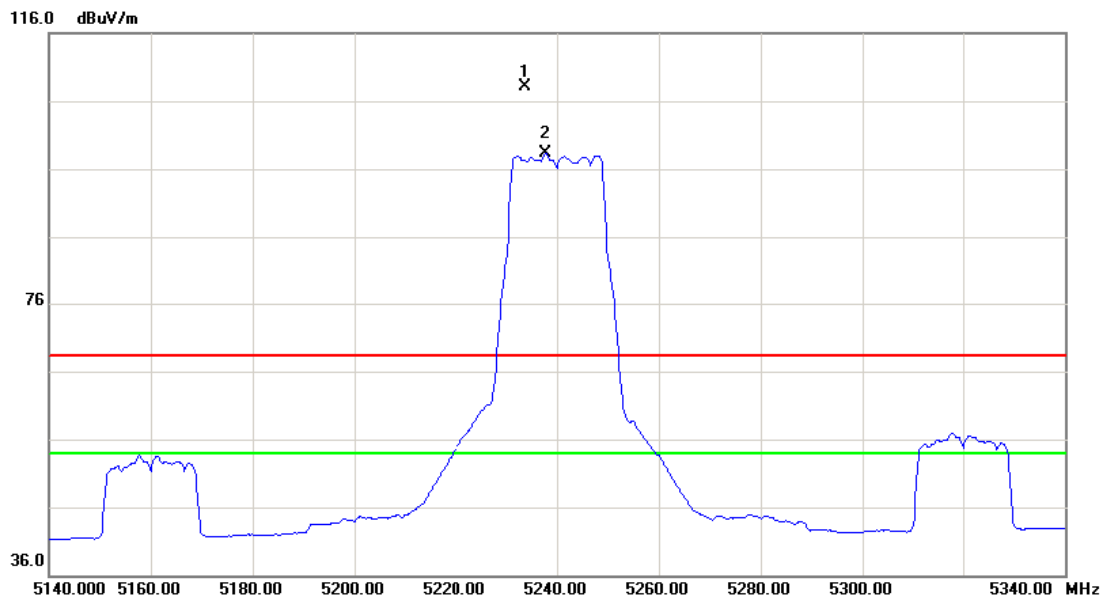
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10401.23	32.35	15.63	47.98	54.00	-6.02	AVG	
2		10402.11	43.22	15.63	58.85	68.30	-9.45	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5240MHz

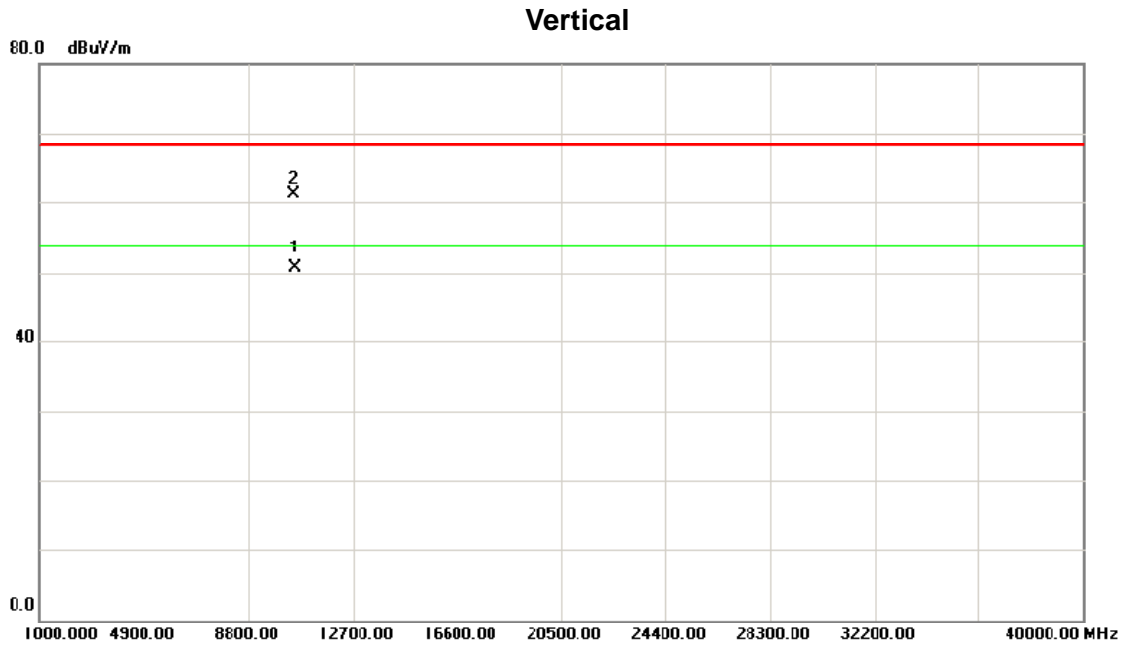
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	X	5233.800	65.85	42.33	108.18	68.30	39.88	peak	Fundamental frequency, no limit
2	*	5237.800	56.02	42.35	98.37	54.00	44.37	AVG	Fundamental frequency, no limit



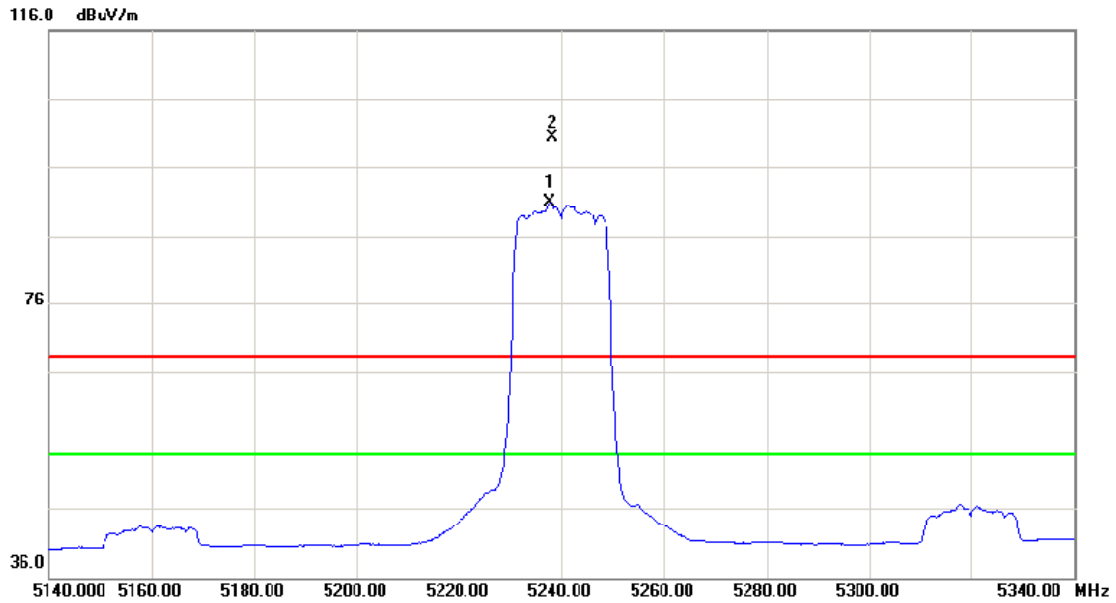
Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5240MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dEuV/m	Over dB	Detector	Comment
1	*	10480.17	35.17	15.51	50.68	54.00	-3.32	AVG	
2		10480.36	45.72	15.51	61.23	68.30	-7.07	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5240MHz

Horizontal

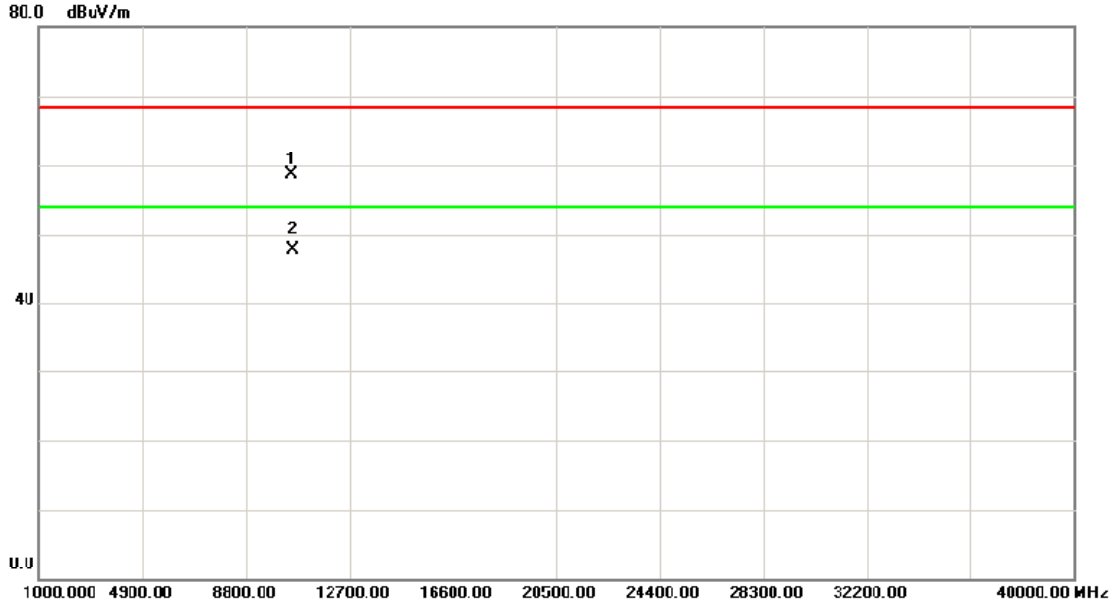


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Dctector	Comment
1	*	5237.800	48.63	42.35	90.98	54.00	36.98	AVG	Fundamental frequency, no limit
2	X	5238.200	58.05	42.35	100.40	68.30	32.10	peak	Fundamental frequency, no limit



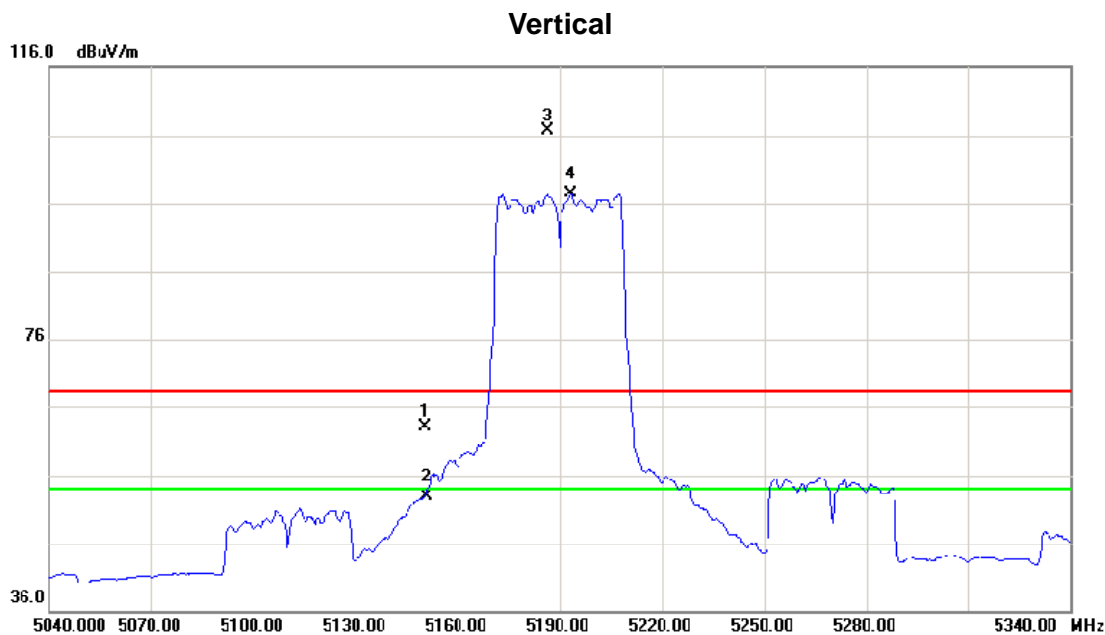
Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N20 Mode 5240MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10481.25	43.19	15.51	58.70	68.30	-9.60	peak	
2	*	10481.35	32.37	15.51	47.88	54.00	-6.12	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N40 Mode 5190MHz

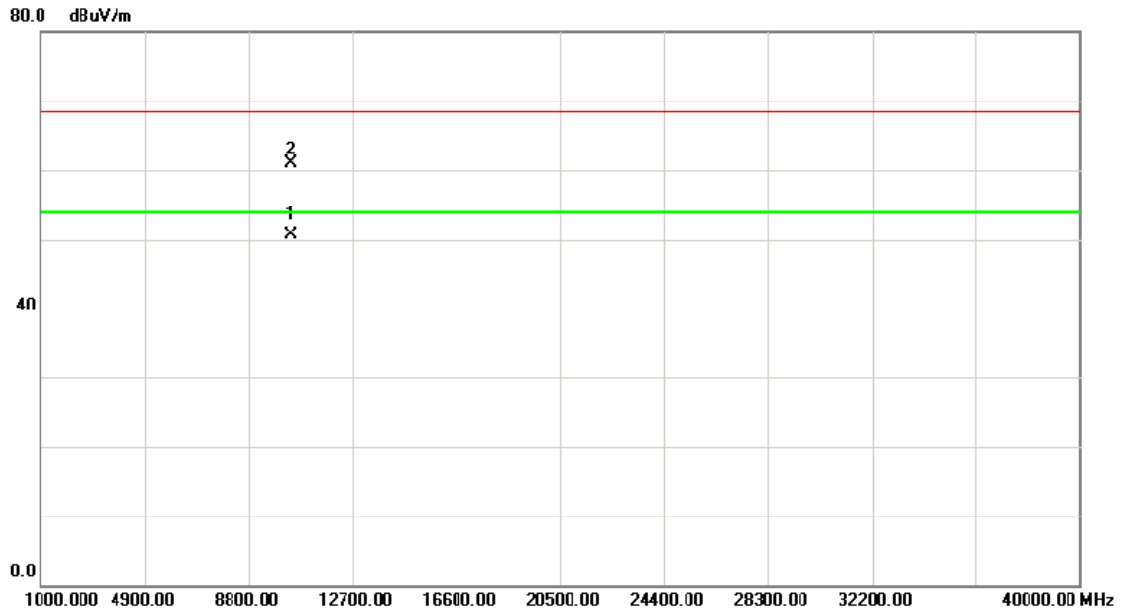


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	21.09	41.99	63.08	68.30	-5.22	peak	
2		5150.000	10.94	41.99	52.93	54.00	-1.07	AVG	
3	X	5186.700	64.62	42.14	106.76	68.30	38.46	peak	Fundamental frequency, no limit
4	*	5193.300	55.25	42.17	97.42	54.00	43.42	AVG	Fundamental frequency, no limit



Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N40 Mode 5190MHz

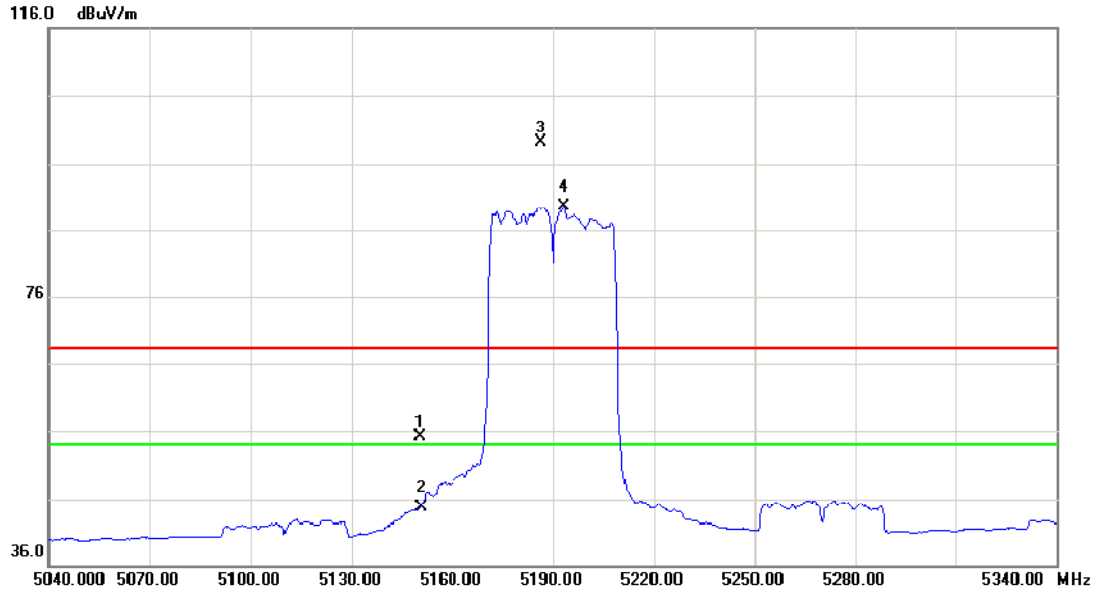
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	10380.24	35.09	15.67	50.76	54.00	-3.24	AVG	
2		10380.36	45.33	15.67	61.00	68.30	-7.30	peak	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N40 Mode 5190MHz

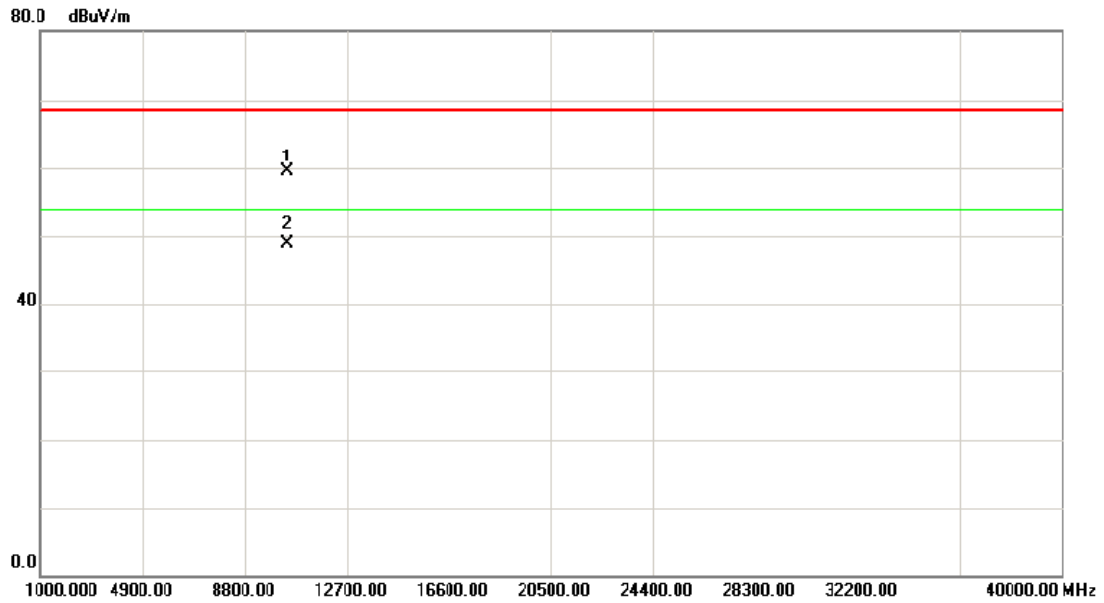
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	13.13	41.99	55.12	68.30	-13.18	peak	
2		5150.000	2.72	41.99	44.71	54.00	-9.29	AVG	
3	X	5186.700	56.95	42.14	99.09	68.30	30.79	peak	Fundamental frequency, no limit
4	*	5193.300	47.24	42.17	89.41	54.00	35.41	AVG	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N40 Mode 5190MHz

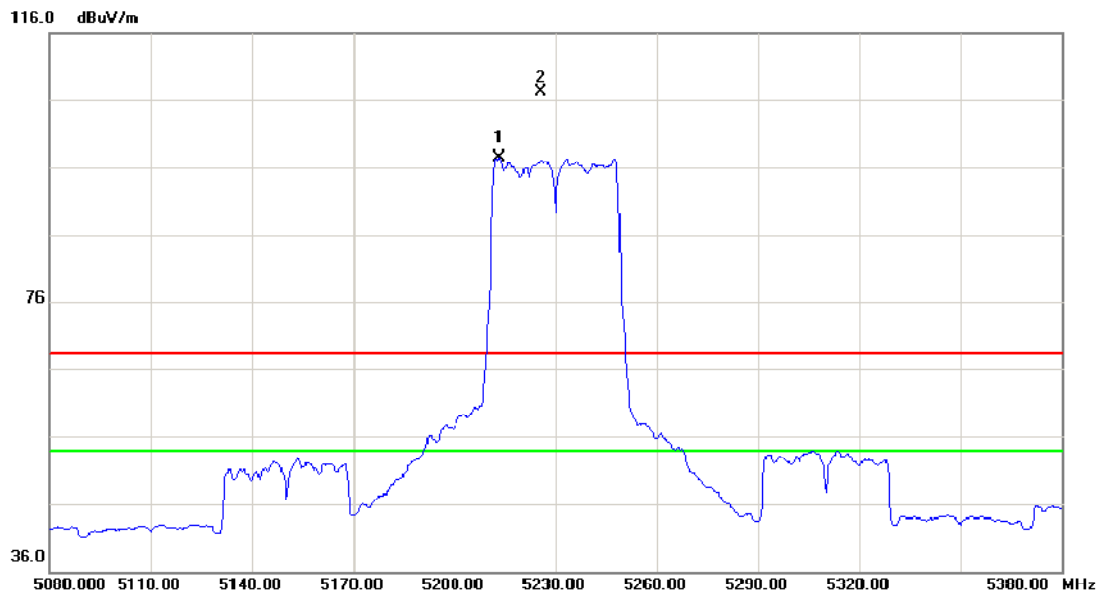
Horizontal



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	10380.59	43.87	15.67	59.54	68.30	-8.76	peak	
2 *	10380.98	33.21	15.67	48.88	54.00	-5.12	AVG	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N40 Mode 5230MHz

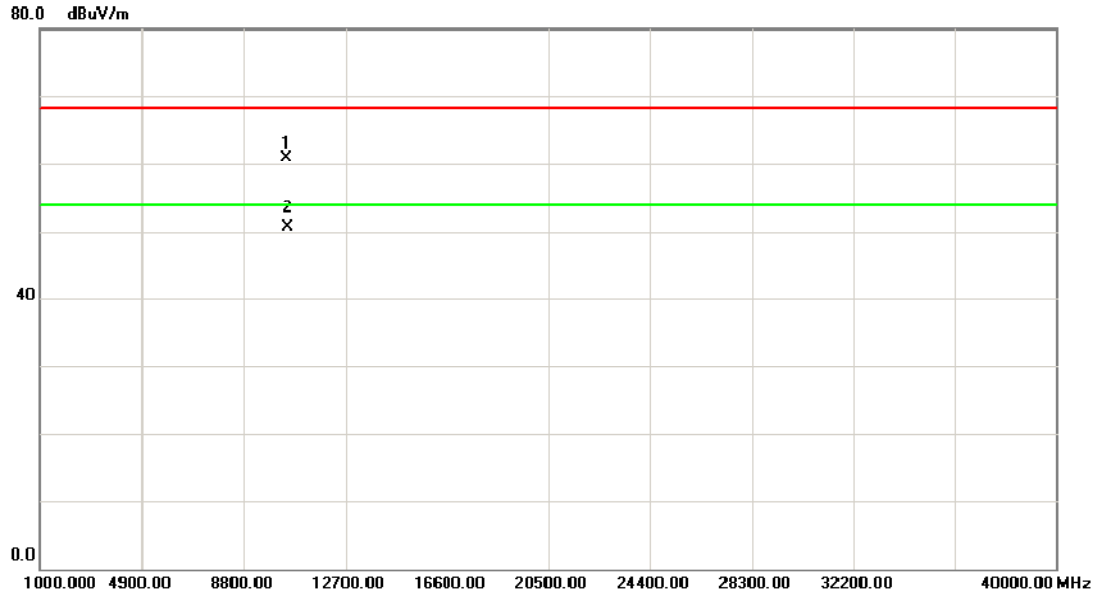
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5213.500	55.21	42.25	97.46	54.00	43.46	AVG	Fundamental frequency, no limit
2	X	5225.800	64.75	42.30	107.05	68.30	38.75	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N40 Mode 5230MHz

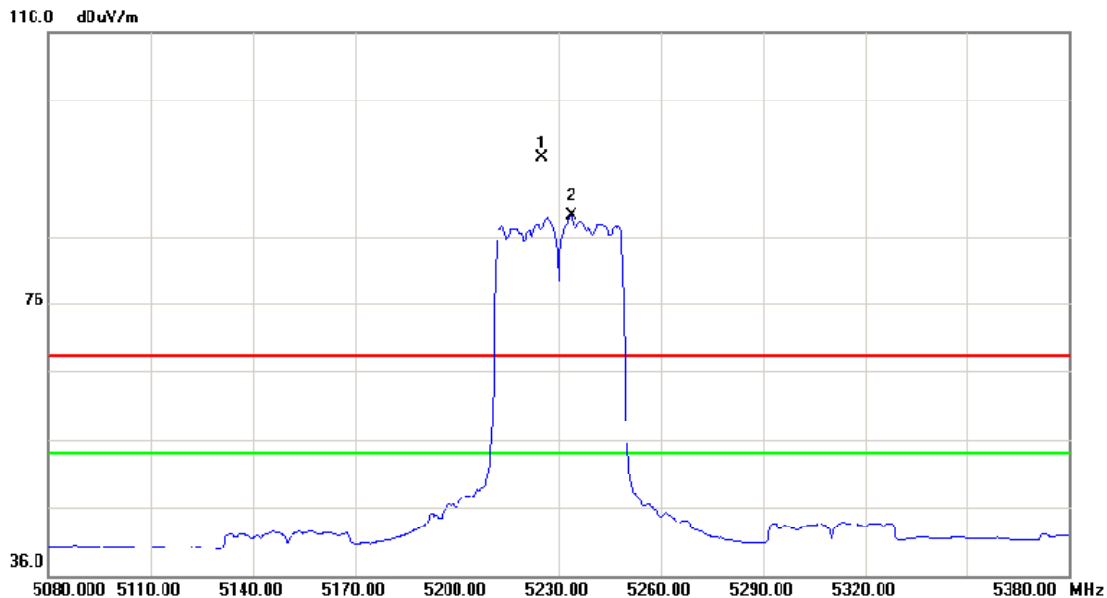
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10460.27	45.46	15.54	61.00	68.30	-7.30	peak	
2	*	10460.36	35.22	15.54	50.76	54.00	-3.24	AVG	

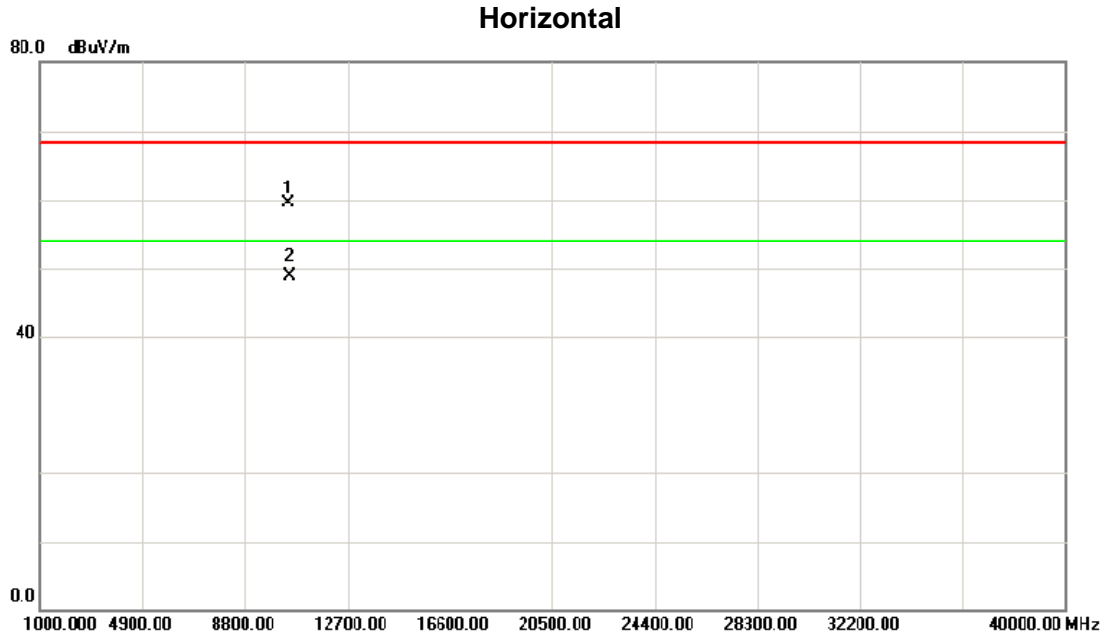
Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N40 Mode 5230MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Lirnil dBuV/m	Over dB	Detector	Comment
1	X	5224.900	55.28	42.30	97.58	68.30	29.28	peak	Fundamental frequency, no limit
2	*	5233.600	46.74	42.33	89.07	54.00	35.07	AVG	Fundamental frequency, no limit

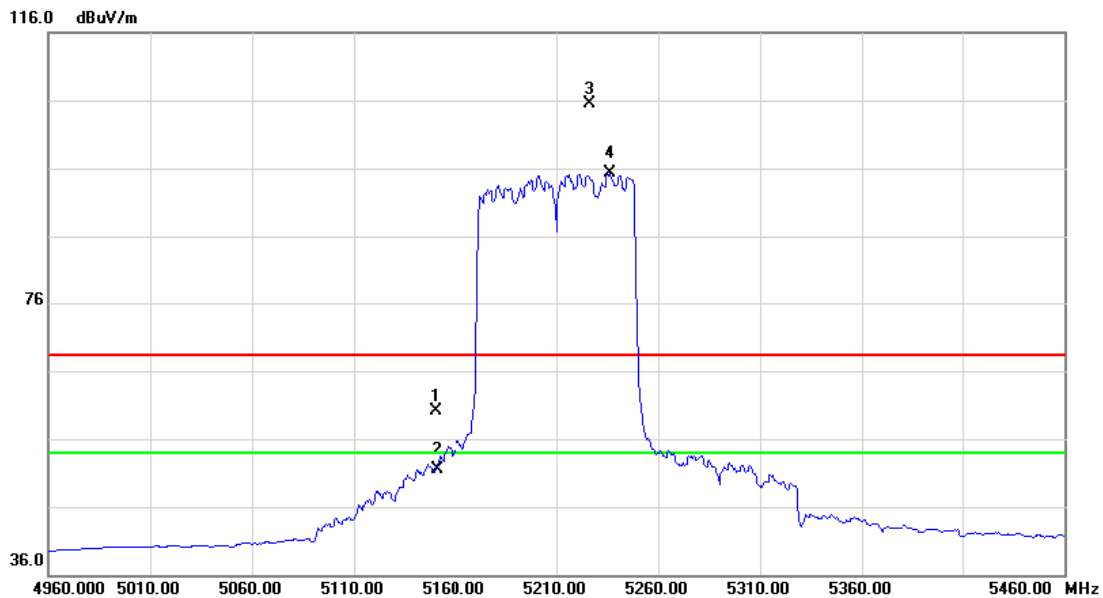
Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N40 Mode 5230MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1		10460.69	44.00	15.54	59.54	68.30	-8.76	peak	
2	*	10461.28	33.34	15.54	48.88	54.00	-5.12	AVC	

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N80 Mode 5210MHz

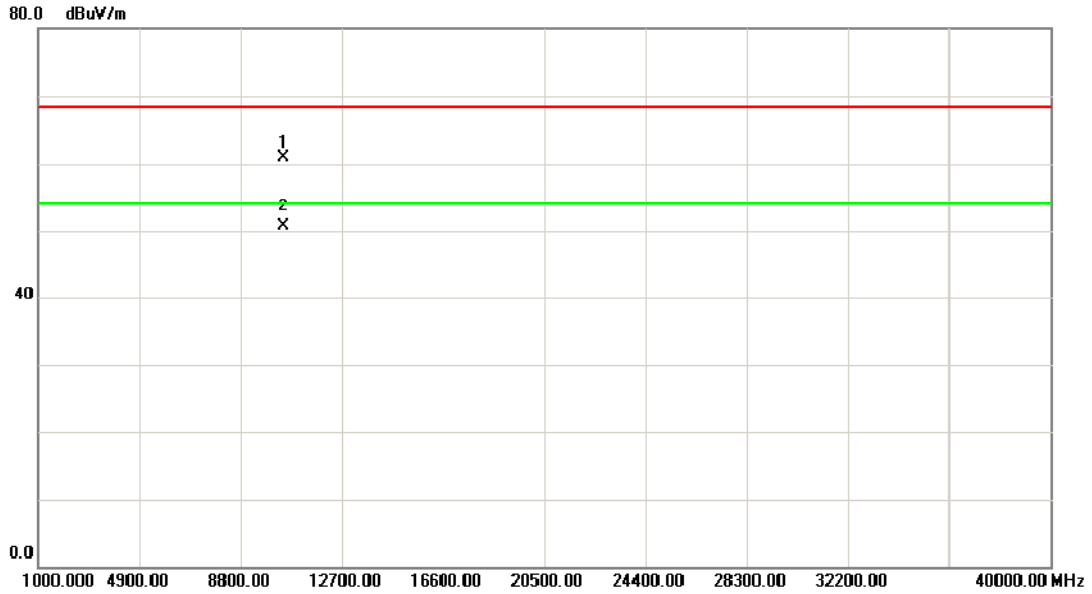
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	18.12	41.99	60.11	68.30	-8.19	peak	
2		5150.000	9.47	41.99	51.46	54.00	-2.54	AVG	
3	X	5226.000	63.11	42.30	105.41	68.30	37.11	peak	Fundamental frequency, no limit
4	*	5236.000	52.98	42.34	95.32	54.00	41.32	AVG	Fundamental frequency, no limit

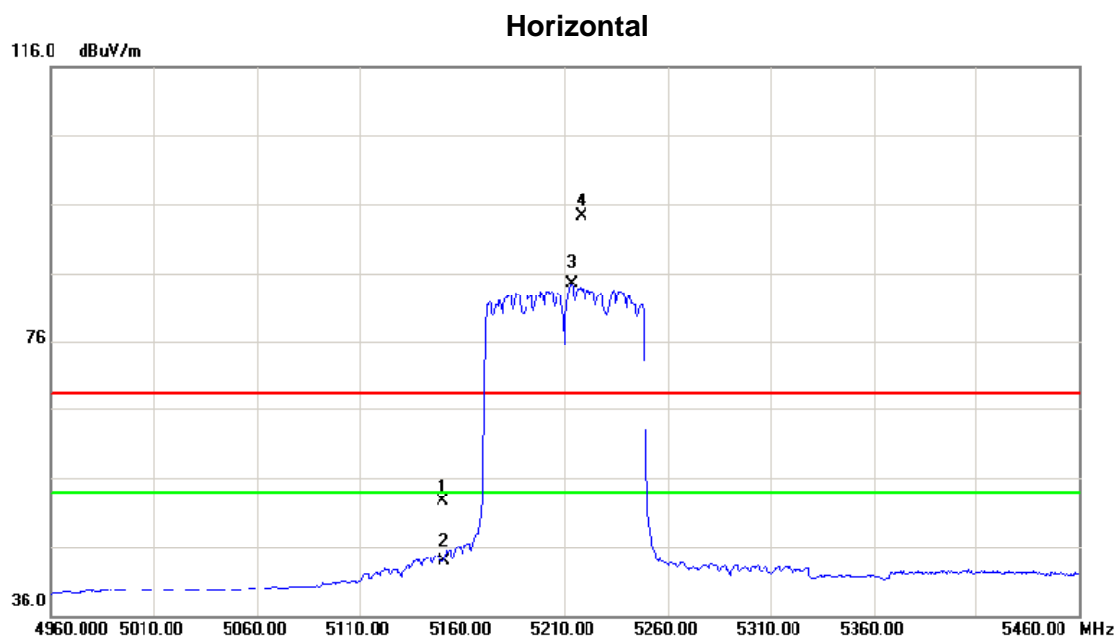
Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N40 Mode 5210MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10421.36	45.40	15.60	61.00	68.30	-7.30	peak	
2	*	10421.57	35.16	15.60	50.76	54.00	-3.24	AVG	

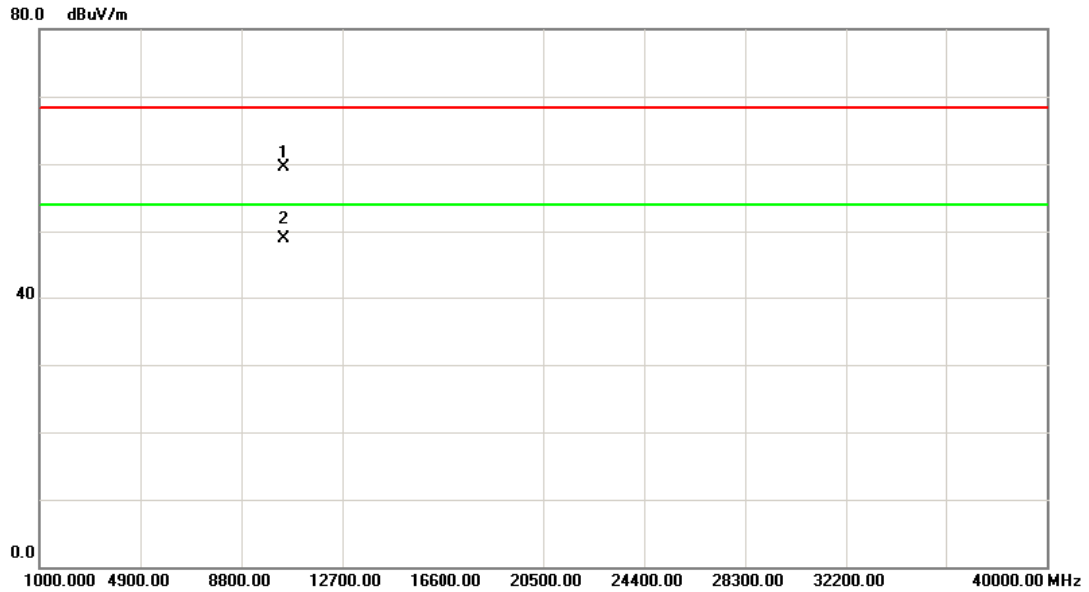
Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N40 Mode 5210MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5150.000	10.50	41.99	52.49	68.30	-15.81	peak	
2		5150.000	1.86	41.99	43.85	54.00	-10.15	AVG	
3	*	5213.500	42.18	42.25	84.43	54.00	30.43	AVG	Fundamental frequency, no limit
4	X	5218.000	52.13	42.26	94.39	68.30	26.09	peak	Fundamental frequency, no limit

Orthogonal Axis :	X
Test Mode :	Band 1/ TX AC N40 Mode 5210MHz

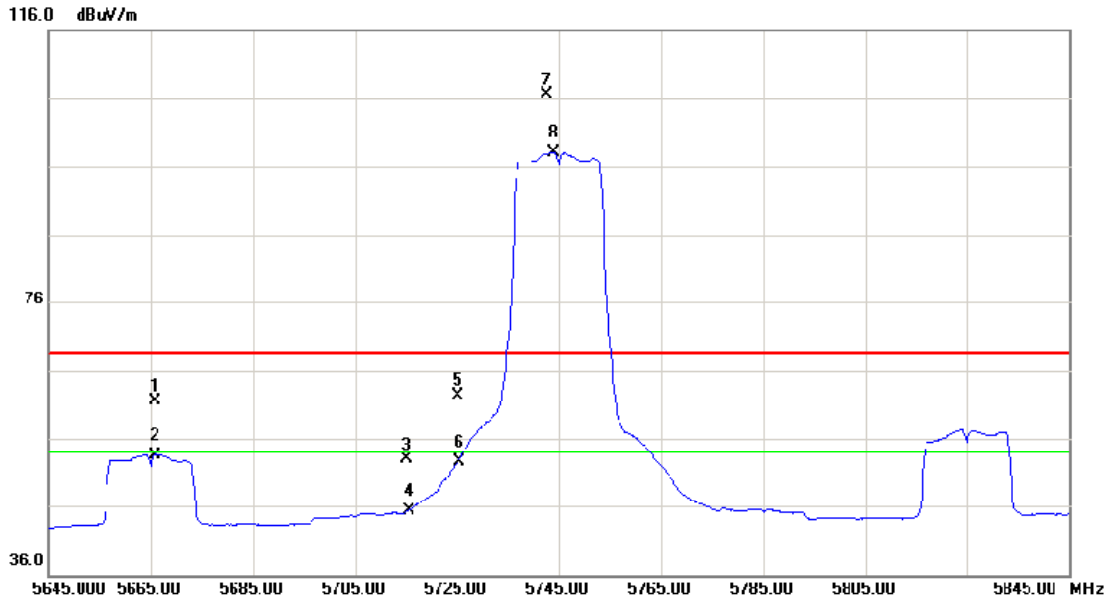
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		10420.25	43.94	15.60	59.54	68.30	-8.76	peak	
2	*	10420.68	33.28	15.60	48.88	54.00	-5.12	AVG	

Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5745MHz

Vertical

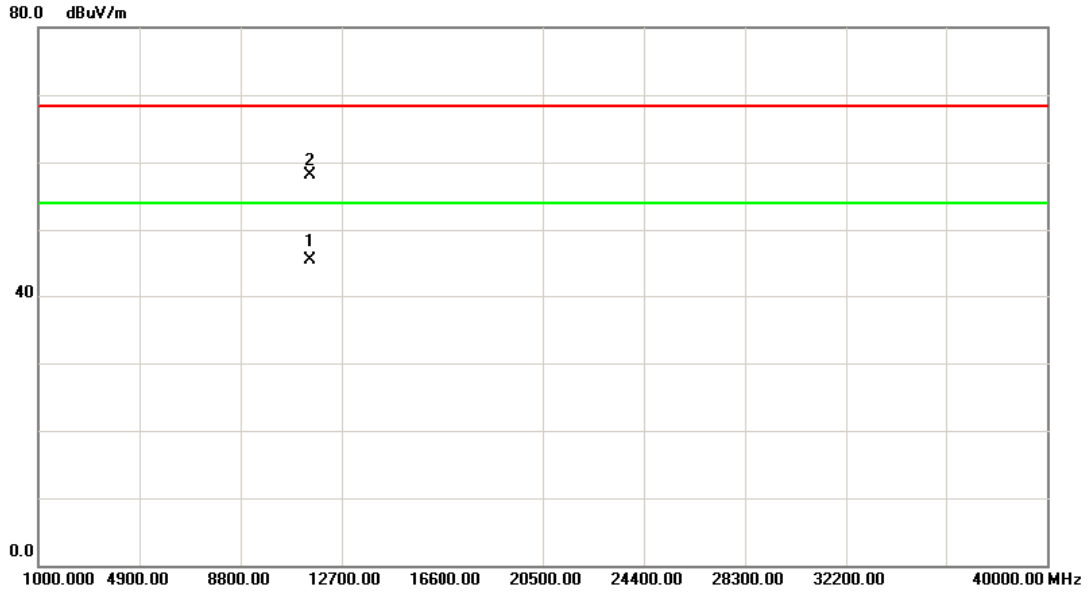


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5666.000	17.25	44.28	61.53	68.30	-6.77	peak	
2		5666.000	9.32	44.28	53.60	54.00	-0.40	AVG	
3		5715.000	8.38	44.53	52.91	68.30	-15.39	peak	
4		5715.000	0.69	44.53	45.22	54.00	-8.78	AVG	
5		5725.000	17.63	44.58	62.21	68.30	-6.09	peak	
6		5725.000	7.95	44.58	52.53	54.00	-1.47	AVG	
7	X	5742.800	61.74	44.67	106.41	68.30	38.11	peak	Fundamental frequency, no limit
8	*	5744.000	53.46	44.68	98.14	54.00	44.14	AVG	Fundamental frequency, no limit

Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
 (2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5745MHz

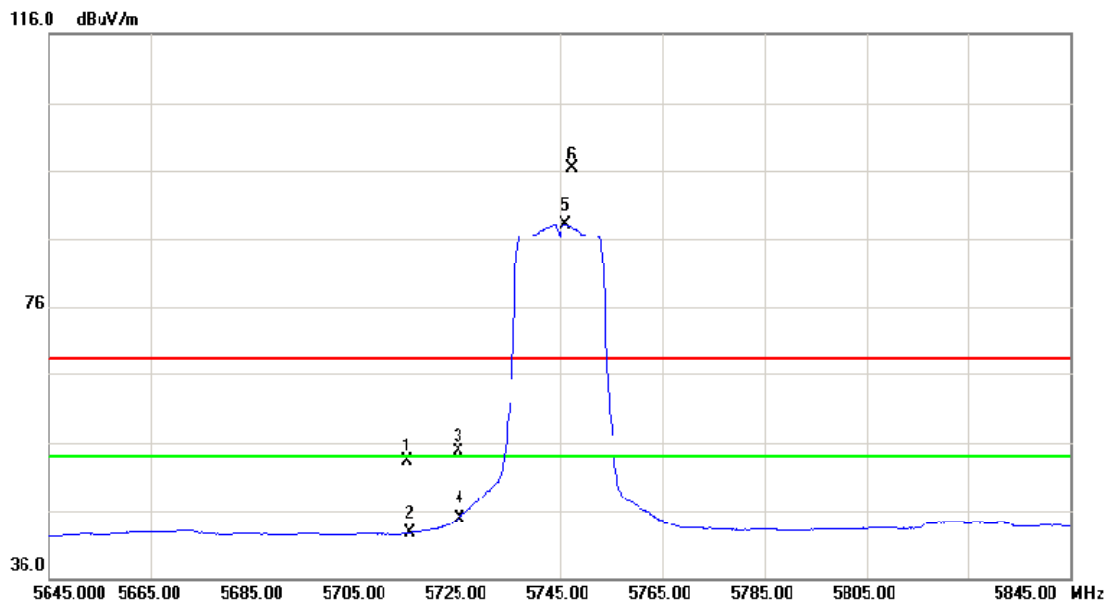
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	11490.40	28.89	16.47	45.36	54.00	-8.64	AVG	
2		11490.40	41.65	16.47	58.12	68.30	-10.18	peak	

Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5745MHz

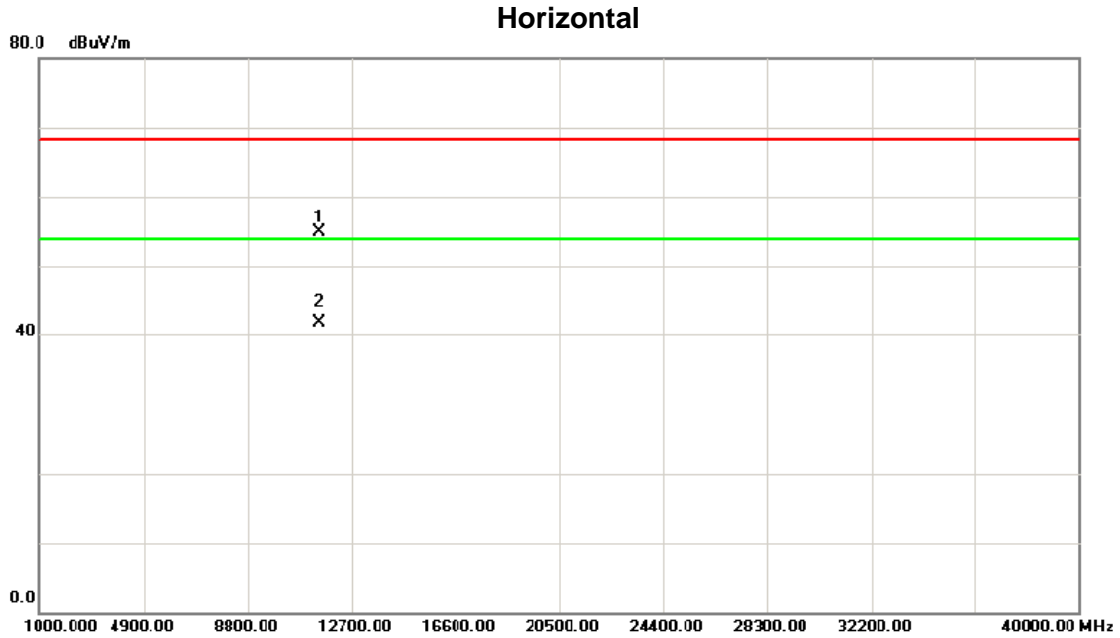
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5715.000	8.75	44.53	53.28	68.30	-15.02	peak	
2		5715.000	-1.86	44.53	42.67	54.00	-11.33	AVG	
3		5725.000	10.13	44.58	54.71	68.30	-13.59	peak	
4		5725.000	0.31	44.58	44.89	54.00	-9.11	AVG	
5	*	5746.200	43.38	44.69	88.07	54.00	34.07	AVG	Fundamental frequency, no limit
6	X	5747.600	51.66	44.70	96.36	68.30	28.06	peak	Fundamental frequency, no limit

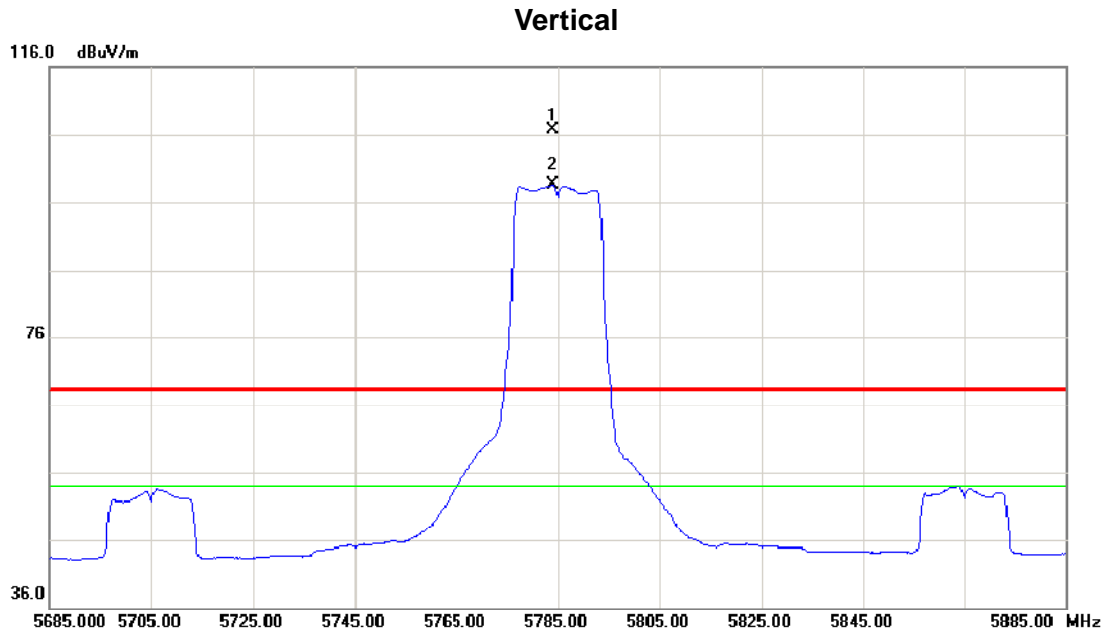
Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
 (2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5745MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11489.40	38.50	16.47	54.97	68.30	-13.33	peak	
2	*	11490.00	25.19	16.47	41.66	54.00	-12.34	AVG	

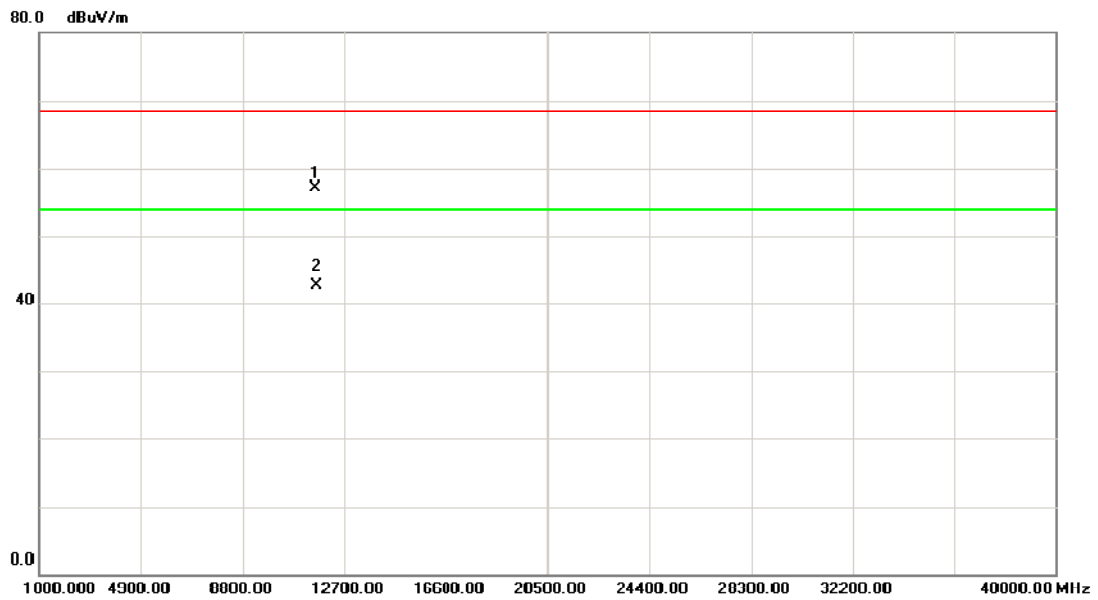
Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5785MHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB		
1	X	5784.000	61.80	44.89	106.69	68.30	38.39	peak	Fundamental frequency, no limit
2	*	5784.000	53.77	44.89	98.66	54.00	44.66	AVG	Fundamental frequency, no limit

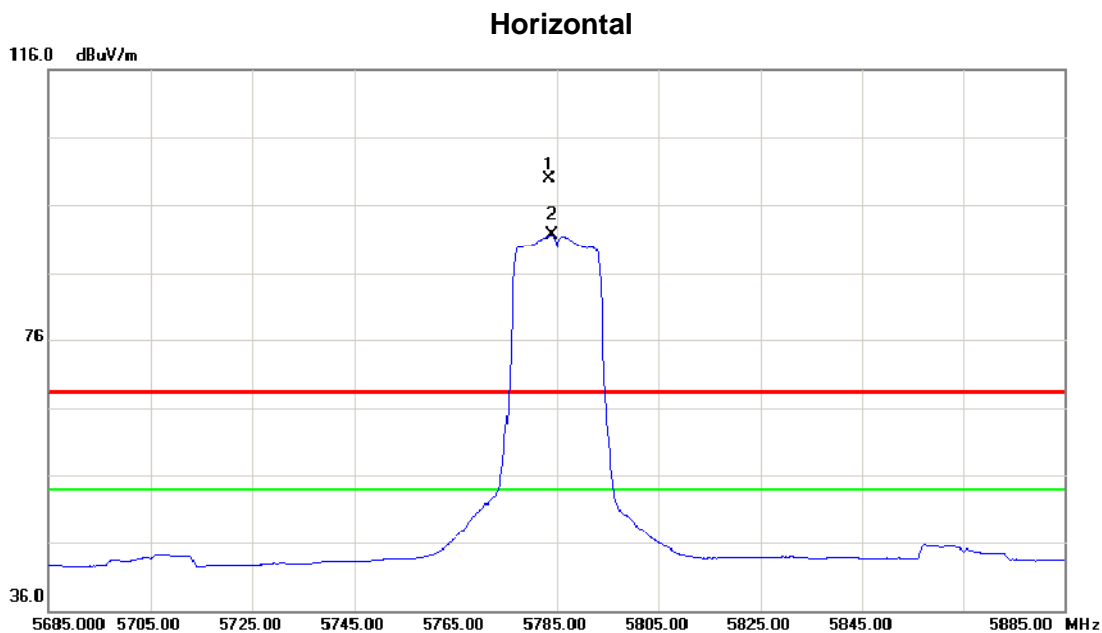
Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5785MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	11570.60	40.57	16.44	57.01	68.30	-11.29	peak	
2		11570.60	26.01	16.44	42.45	54.00	-11.55	AVG	

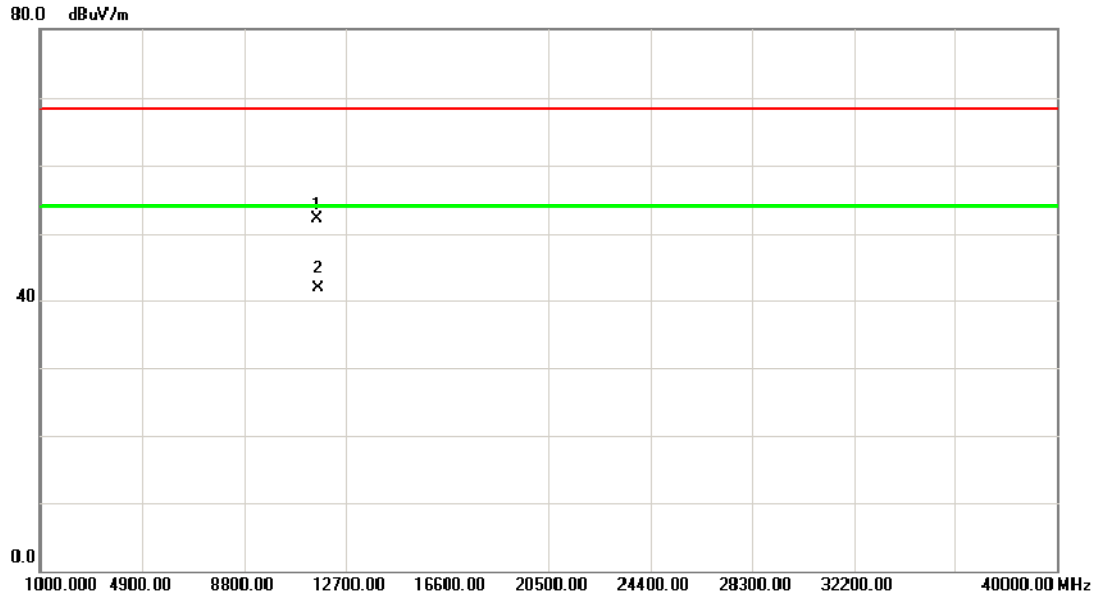
Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5785MHz



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	X	5783.600	55.01	44.89	99.90	68.30	31.60	peak	Fundamental frequency, no limit
2	*	5784.000	46.80	44.89	91.69	54.00	37.69	AVG	Fundamental frequency, no limit

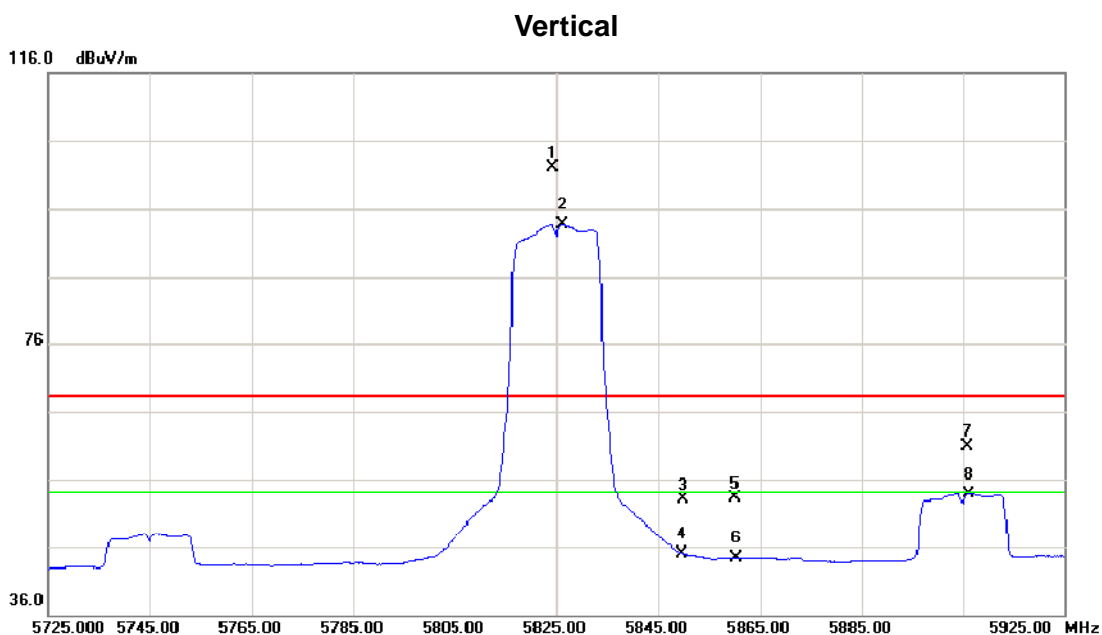
Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5785MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11570.23	35.61	16.44	52.05	68.30	-16.25	peak	
2	*	11570.23	25.34	16.44	41.78	54.00	-12.22	AVG	

Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5825MHz

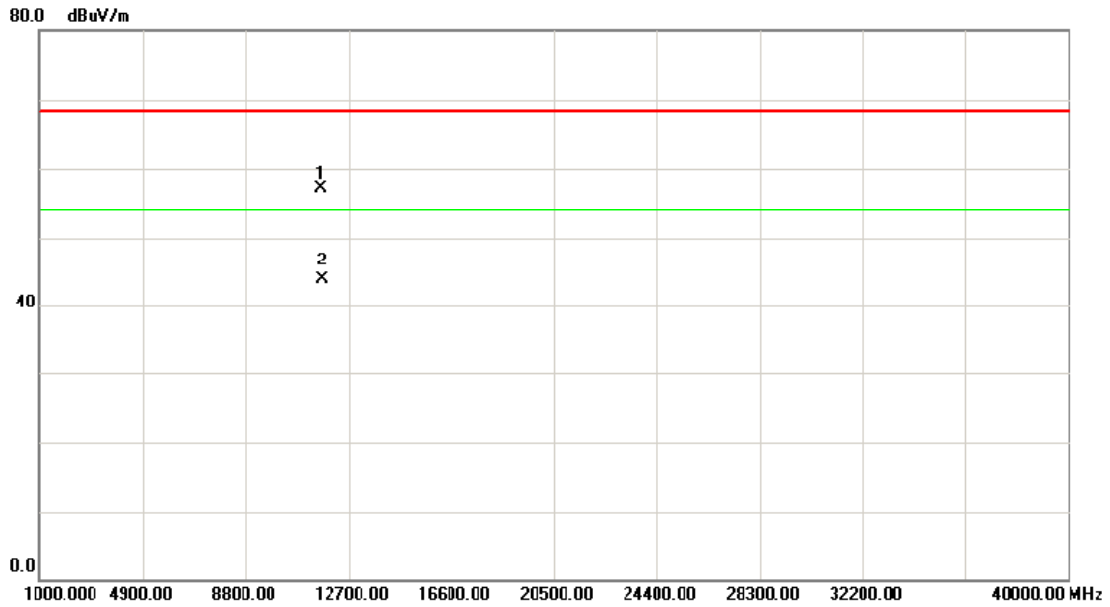


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	X	5824.400	56.96	45.10	102.06	68.30	33.76	peak	Fundamental frequency, no limit
2	*	5826.200	48.63	45.11	93.74	54.00	39.74	AVG	Fundamental frequency, no limit
3		5850.000	7.58	45.23	52.81	68.30	-15.49	peak	
4		5850.000	-0.32	45.23	44.91	54.00	-9.09	AVG	
5		5860.000	7.77	45.27	53.04	68.30	-15.26	peak	
6		5860.000	-0.98	45.27	44.29	54.00	-9.71	AVG	
7		5906.000	15.43	45.52	60.95	68.30	-7.35	peak	
8		5906.200	8.23	45.52	53.75	54.00	-0.25	AVG	

Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
 (2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5825MHz

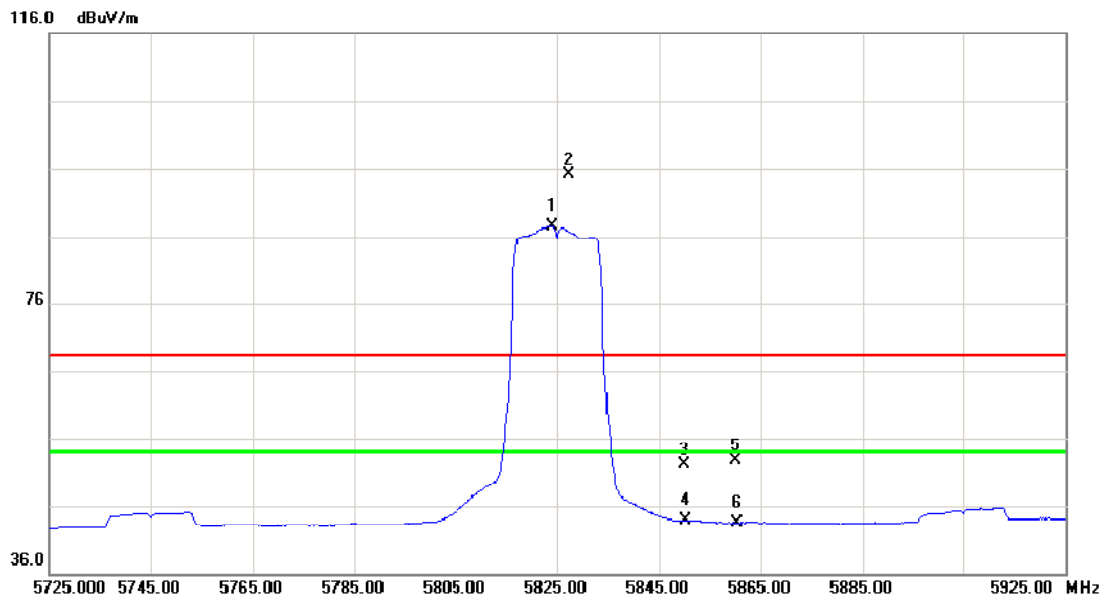
Vertical



No	Mk	Freq MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Over dB	Dctector	Comment
1		11649.80	40.65	16.40	57.05	68.30	-11.25	peak	
2	*	11649.80	27.22	16.40	43.62	54.00	-10.38	AVG	

Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5825MHz

Horizontal

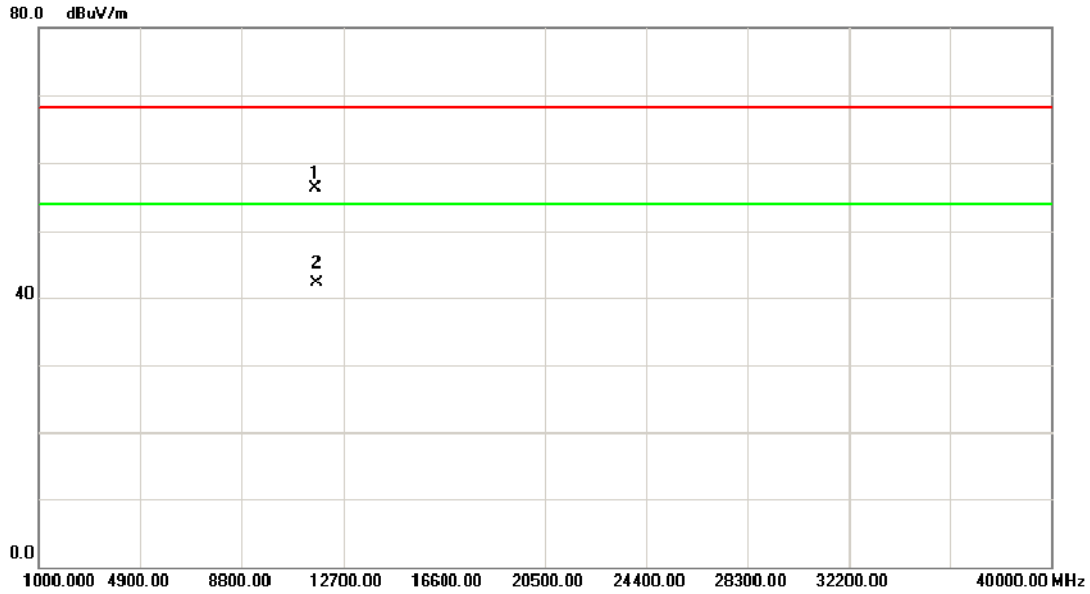


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	5824.000	42.47	45.10	87.57	54.00	33.57	AVG	Fundamental frequency, no limit
2	X	5827.200	49.93	45.11	95.04	68.30	26.74	peak	Fundamental frequency, no limit
3		5850.000	6.85	45.23	52.08	68.30	-16.22	peak	
4		5850.000	-1.36	45.23	43.87	54.00	-10.13	AVG	
5		5860.000	7.41	45.27	52.68	68.30	-15.62	peak	
6		5860.000	-1.71	45.27	43.56	54.00	-10.44	AVG	

Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
 (2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

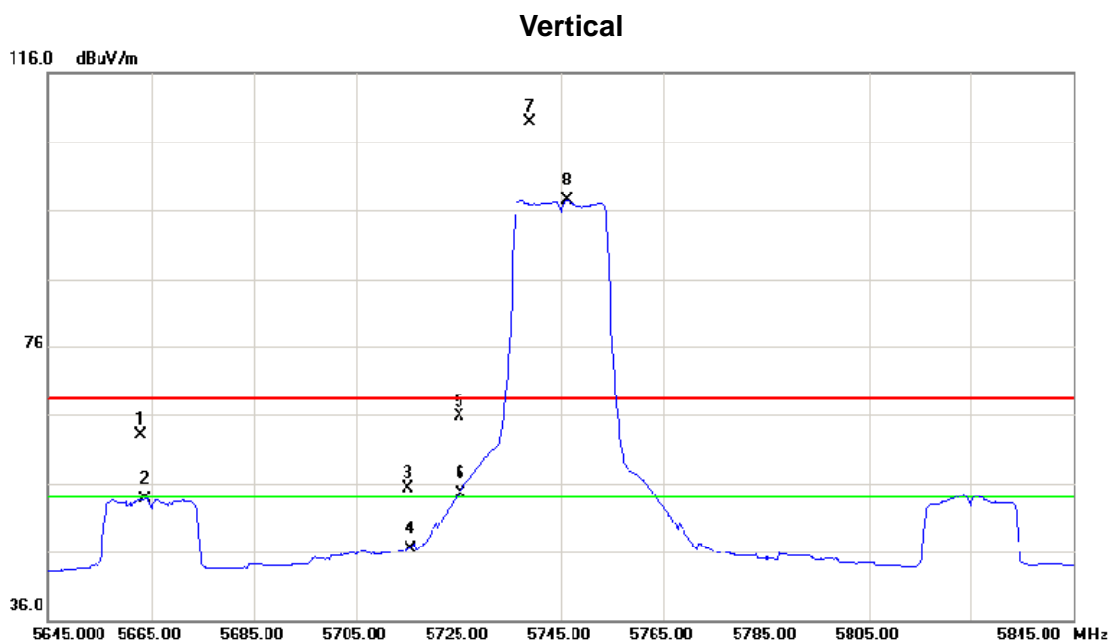
Orthogonal Axis :	X
Test Mode :	Band 4/TX A Mode 5825MHz

Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	11650.90	39.93	16.40	56.33	68.30	-11.97	peak	
2		11650.90	25.61	16.40	42.01	54.00	-11.99	AVG	

Orthogonal Axis :	X
Test Mode :	Band 4/TX N20 Mode 5745MHz

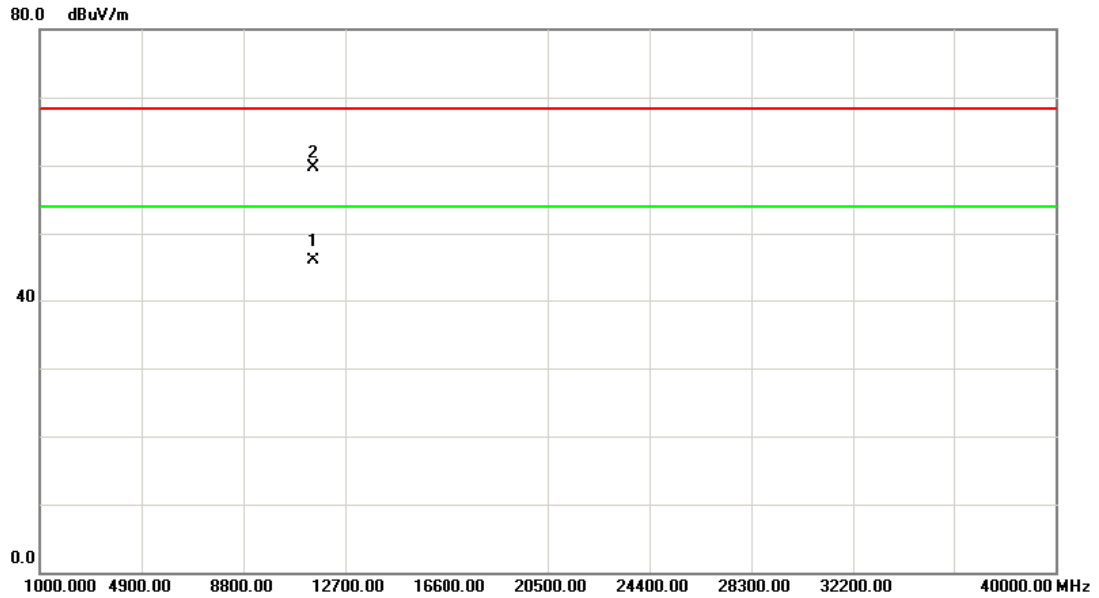


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5663.000	18.81	44.26	63.07	68.30	-5.23	peak	
2		5663.800	9.40	44.26	53.66	54.00	-0.34	AVG	
3		5715.000	10.72	44.53	55.25	68.30	-13.05	peak	
4		5715.000	1.95	44.53	46.48	54.00	-7.52	AVG	
5		5725.000	21.17	44.58	65.75	68.30	-2.55	peak	
6	X	5725.000	9.88	44.58	54.46	54.00	0.46	AVG	
7	X	5739.000	64.24	44.65	108.89	68.30	40.59	peak	Fundamental frequency, no limit
8	*	5746.200	52.82	44.69	97.51	54.00	43.51	AVG	Fundamental frequency, no limit

Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
 (2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis :	X
Test Mode :	Band 4/TX N20 Mode 5745MHz

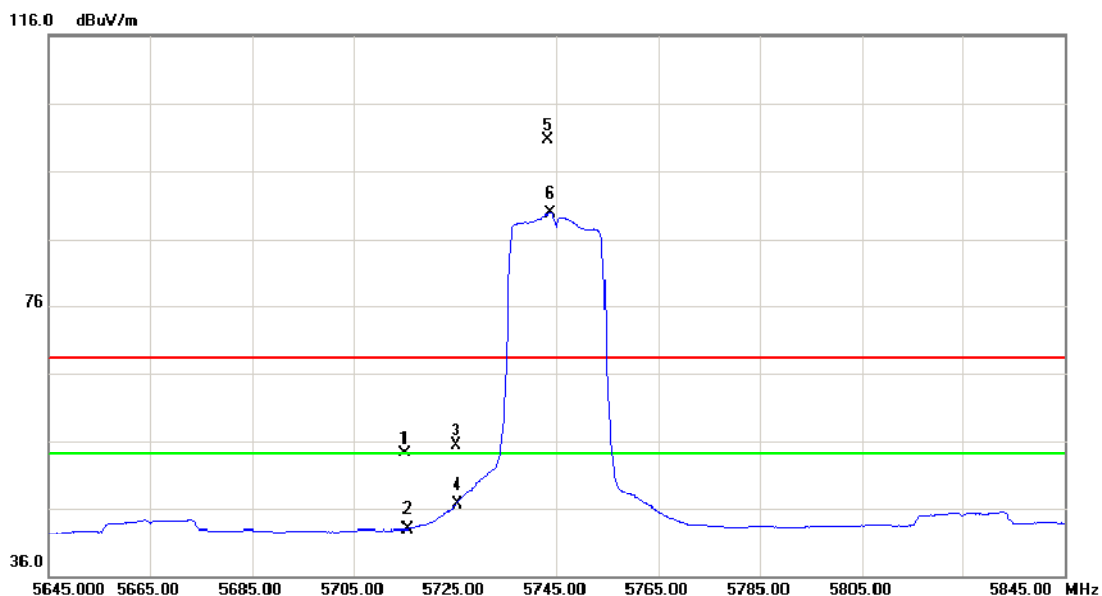
Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	*	11490.30	29.52	16.47	45.99	54.00	-8.01	AVG	
2		11490.30	43.14	16.47	59.61	68.30	-8.69	peak	

Orthogonal Axis :	X
Test Mode :	Band 4/TX N20 Mode 5745MHz

Horizontal

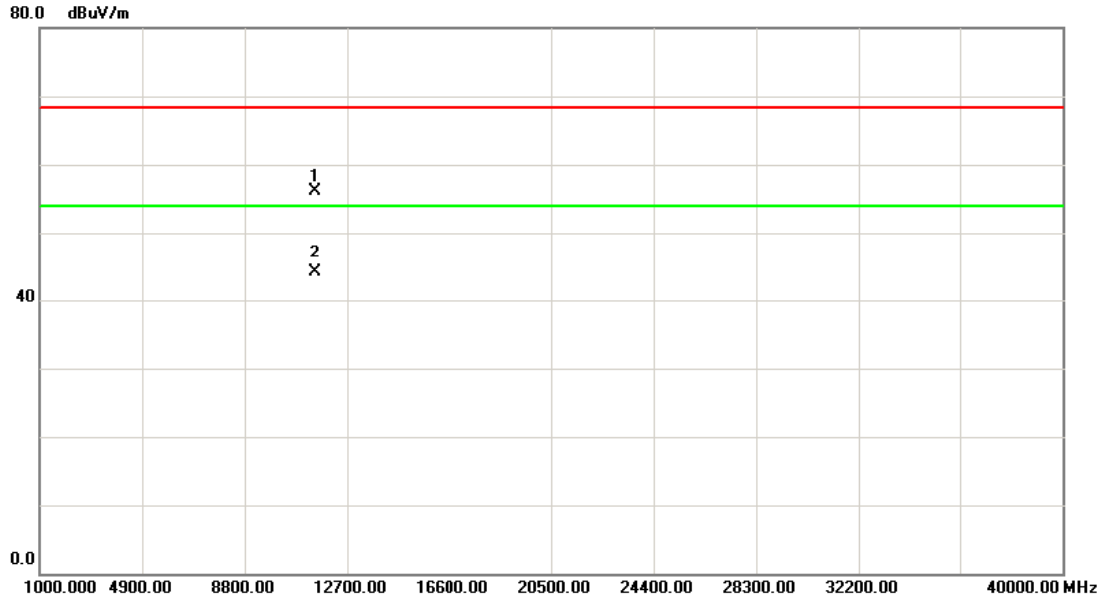


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		5715.000	9.49	44.53	54.02	68.30	-14.28	peak	
2		5715.000	-1.57	44.53	42.96	54.00	-11.04	AVG	
3		5725.000	10.62	44.58	55.20	68.30	-13.10	peak	
4		5725.000	1.84	44.58	46.42	54.00	-7.58	AVG	
5	X	5743.200	55.84	44.67	100.51	68.30	32.21	peak	Fundamental frequency, no limit
6	*	5743.800	45.06	44.68	89.74	54.00	35.74	AVG	Fundamental frequency, no limit

Note:(1)The limit within 10 MHz of band edge frequency = -17dBm/MHz = 78.3 dBuV/m;
 (2)The limit beyond 10 MHz of band edge frequency = -27dBm/MHz = 68.3 dBuV/m

Orthogonal Axis :	X
Test Mode :	Band 4/TX N20 Mode 5745MHz

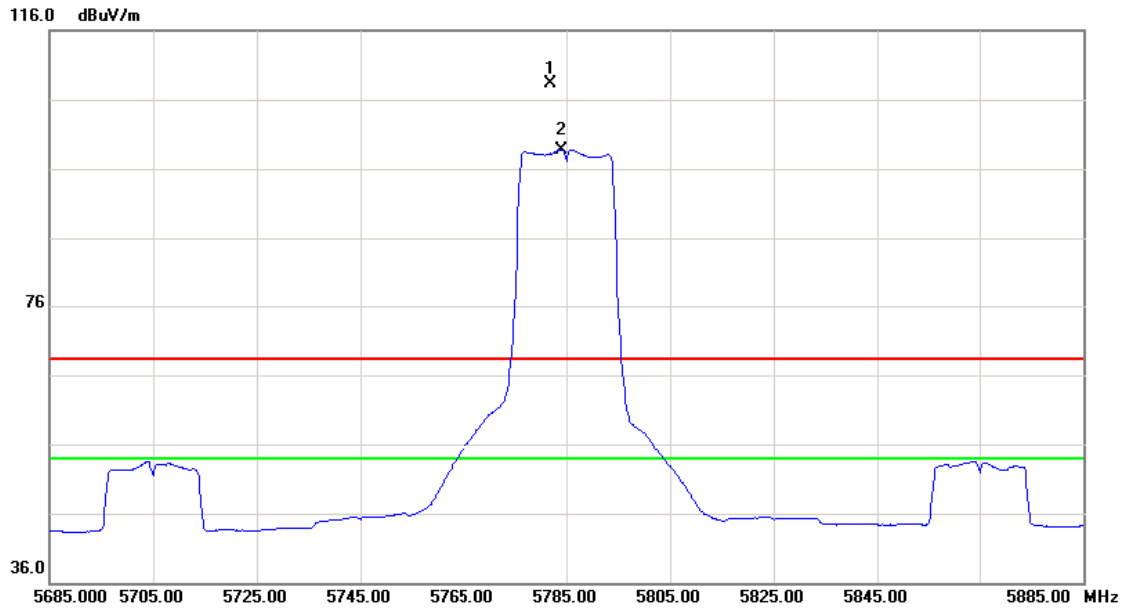
Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		11484.40	39.67	16.45	56.12	68.30	-12.18	peak	
2	*	11484.40	27.64	16.45	44.09	54.00	-9.91	AVG	

Orthogonal Axis :	X
Test Mode :	Band 4/TX N20 Mode 5785MHz

Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1	X	5781.800	63.38	44.87	108.25	68.30	39.95	peak	Fundamental frequency, no limit
2	*	5784.000	53.90	44.89	98.79	54.00	44.79	AVG	Fundamental frequency, no limit