FCC &ISED Radio Test Report

FCC ID: ACJ-SC-CX700
IC: 216A-SCCX700

The report concerns: Original Grant

Report Reference No. :	24EFSS04089 03651
Date Sample(s) Received :	2024-04-22
Date of Tested :	From 2024-04-22 to 2024-5-30
Date of issue :	2024-06-06
Testing Laboratory :	DongGuanShuoXin Electronic Technology Co., Ltd.
Address :	Zone A, 1F, No. 6, XinGang Road YuanGang Street, XinAn District, ChangAn Town, DongGuan City, GuangDong, China
Applicant's name for FCC :	Panasonic Corporation of North America
Address for FCC :	Two Riverfront Plaza, 9th Floor, Newark, New Jersey,07102-5490,United States
Applicant's name for IC :	Panasonic Canada Inc.
Address for IC :	5770 Ambler Drive Mississauga ON L4W 2T3 Canada
Manufacturer :	Panasonic Corporation
Equipment :	Wireless Speaker System
Trade Mark :	Technics
Model :	SC-CX700P
Ratings :	I/P: 120V~ 60Hz

Test Engineer: Blue Qiu

Responsible Engineer : Smile Wang

Authorized Signatory: King Wang

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1. TEST REPORT DECLARE

Applicant for FCC	Panasonic Corporation of North America
Address for FCC	Two Riverfront Plaza, 9th Floor, Newark, New Jersey,07102-5490,United States
Applicant for IC	Panasonic Canada Inc.
Address for IC	5770 Ambler Drive Mississauga ON L4W 2T3 Canada
Manufacturer	Panasonic Corporation
Address	1006, Oaza Kadoma, kadoma-shi, Osaka, 571-8501, Japan
Factory	Panasonic AVC Networks Kuala Lumpur Malaysia Sdn.Bhd.
Address	Lot 5, Persiaran Tengku Ampuan, Section 21, Shah Alam Industrial Site, 40300 Shah Alam, Selangor Darul Ehsan, Malaysia
Equipment	Wireless Speaker System
Model No.	SC-CX700P
Trade Mark	Technics
Standard	FCC Part15, Subpart C (15.247) RSS-247 Issue 3, Aug. 2023 RSS-Gen Issue 5, Apr. 2018 ANSI C63.10-2013

We Declare:

The equipment described above is tested by DongGuanShuoXin Electronic Technology Co., Ltd(ATT). and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and DongGuanShuoXin Electronic Technology Co., Ltd.(ATT) is assumed of full responsibility for the accuracy and completeness of these tests.

ATT is not responsible for the sampling stage, so the results only apply to the sample as received.

ATT's reports apply only to the specific samples tested under conditions. It is manufacture’s responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. ATT shall have no liability for any declarations, inferences or generalizations drawn by the client or others from ATT issued reports.

2. SUMMARY OF TEST RESULTS

The EUT have been tested according to the applicable standards as referenced below:

Standard(s) Section		Test Item	Judgment	Remark
FCC	ISED			
15.207	RSS-Gen8.8	AC Power Line Conducted Emissions	PASS	------
15.247(d) 15.205(a) 15.209(a)	RSS-247 5.5 RSS-Gen8.9 RSS-Gen8.10	Radiated Emissions	PASS	------
15.247(a)(2)	RSS-247 5.2 (a) RSS-Gen6.7	Bandwidth	PASS	------
15.247(b)(3)	RSS-247 5.4 (d)	Maximum Output Power	PASS	------
15.247(d)	RSS-247 5.5	Conducted Spurious Emission	PASS	------
15.247(e)	RSS-247 5.2 (b)	Power Spectral Density	PASS	------
-	RSS-Gen 6.11	Frequency Stability	PASS	------
15.203	-	Antenna Requirement	PASS	Note(2)

Note:

(1) “N/A” denotes test is not applicable in this test report.

(2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.

2.1 MEASUREMENT UNCERTAINTY

Test Item	Uncertainty
Uncertainty for Conduction emission test (9kHz-150kHz)	3.7 dB
Uncertainty for Conduction emission test (150kHz-30MHz)	3.3 dB
Uncertainty for Radiation Emission test (30MHz-200MHz)	4.60 dB (Polarize: V)
	4.60 dB (Polarize: H)
Uncertainty for Radiation Emission test (200MHz-1GHz)	6.10 dB (Polarize: V)
	5.08 dB (Polarize: H)
Uncertainty for Radiation Emission test (1GHz-6GHz)	5.01 dB (Polarize: V)
	5.01 dB (Polarize: H)
Uncertainty for Radiation Emission test (6GHz-18GHz)	5.26 dB (Polarize: V)
	5.26 dB (Polarize: H)
Uncertainty for Radiation Emission test (18GHz-40GHz)	5.06 dB (Polarize: V)
	5.06 dB (Polarize: H)
Uncertainty for radio frequency	±0.048kHz
Uncertainty for conducted RF Power	±0.32dB

Note:

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

Test Facility:

The Test site used by DongGuanShuoXin Electronic Technology Co., Ltd. to collect test data is located on the Zone A, 1F, No. 6, XinGang Road YuanGang Street, XinAn District, ChangAn Town, DongGuan City, GuangDong, China

The test facility is recognized, certified, or accredited by the following organizations:

Item	Registration No.	Expiration Date
CNAS	L3098	2024-08-27
A2LA	4893.01	2024-09-30
Innovation, Science and Economic Development Canada (ISED)	11033A	2024-09-30
Federal Communications Commission (FCC)	171688 Designation No.:CN1235	2024-06-30

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless Speaker System	
Brand Name	Technics	
Test Model	SC-CX700P	
Series Model	N/A	
Model Difference(s)	N/A	
Hardware Version	MU3	
Software Version	0.17	
Power Source	AC Mains	
Power Rating	I/P: 120V~, 60Hz	
Operation Frequency	2412 MHz~ 2462 MHz	
Modulation Technology	IEEE 802.11b:DSSS IEEE 802.11g:OFDM IEEE 802.11n:OFDM IEEE 802.11ax:OFDMA	
Bit Rate of Transmitter	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n,ax: up to 300 Mbps	
Operating Mode	IEEE 802.11b:1TX(Ant 1 or Ant 2) IEEE 802.11g:1TX(Ant 1 or Ant 2) IEEE 802.11n (HT20):2TX(Ant 1+Ant 2) IEEE 802.11ax (HE20):2TX(Ant 1+Ant 2)	
Antenna Information	Antenna Type: PCB	Maximum Peak Gain: Ant 1: -0.23dBi Ant 2:0.69dBi
Max. Output Power	IEEE 802.11b: 15.31dBm(0.0340W) IEEE 802.11g: 20.64dBm(0.1159W) IEEE 802.11n (HT20):23.10dBm(0.2044W) IEEE 802.11ax (HE20):23.85dBm(0.2425W)	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. Channel List:

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (HT20), IEEE 802.11ax (HE20)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	04	2427	07	2442	10	2457
02	2417	05	2432	08	2447	11	2462
03	2422	06	2437	09	2452		

3.2 DESCRIPTION OF TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Pretest Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX AX-20 MHz Mode Channel01/06/11
Mode 5	TX N-20 MHz Mode Channel 06

Following mode(s) as (were) found to be the worst case(s) and selected for the final test.

AC power line conducted emissions test	
Final Test Mode	Description
Mode 5	TX N-20 MHz Mode Channel 06

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 5	TX N-20 MHz Mode Channel 06

Radiated emissions test- Above 1GHz	
Final Test Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX AX-20 MHz Mode Channel01/06/11

Conducted test	
Final Test Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX AX-20 MHz Mode Channel01/06/11

NOTE:

(1) The measurements are performed at the high, middle, low available channels.

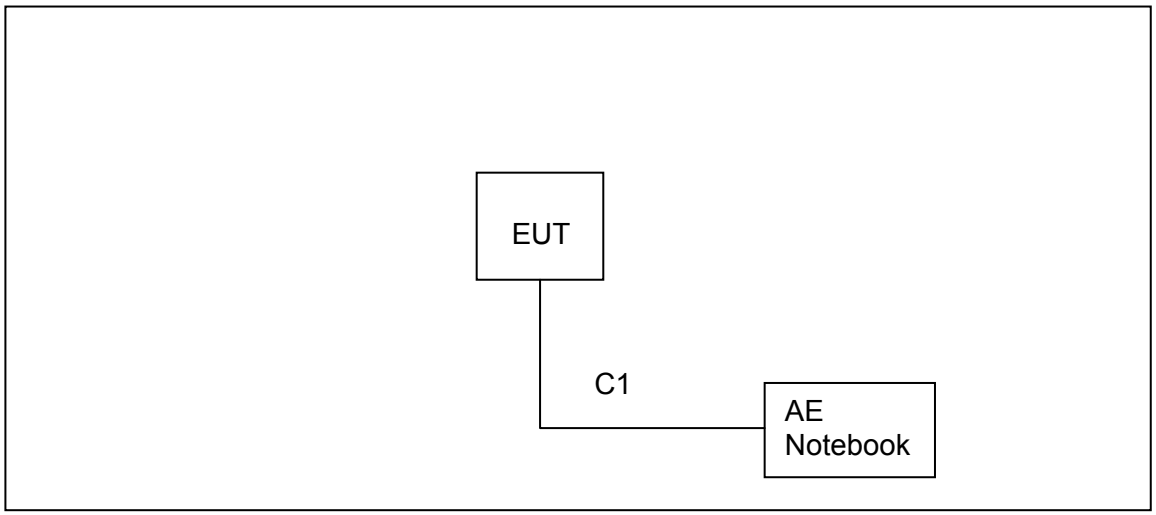
(2) 802.11b mode: DBPSK (1Mbps)
802.11g mode: OFDM (6Mbps)
802.11n HT20 mode : BPSK (13Mbps)
802.11ax HE20mode : BPSK (27Mbps)
For radiated emission tests, the highest output powers were set for final test.

(3)For radiated emission below 1GHzand AC power line conducted emissions test, the IEEE 802.11n20 channel 06 is found to be the worst case and recorded.

3.3 PARAMETERS OF TEST SOFTWARE

Test Software	Stream1955		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	46	46	46
IEEE 802.11g	46	46	46
IEEE 802.11n (HT20)	46	46	46
IEEE 802.11ax (HE20)	46	46	46

3.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.5 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
AE	Notebook	Lenovo	/	/

Item	Cable Type	Shielded Type	Ferrite Core	Length
C1	DC Cable	NO	NO	0.8m

3.6 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage
AC Power Line Conducted Emissions	25°C	53%	AC 120V
Radiated Emissions-9K-30MHz	25°C	60%	AC 120V
Radiated Emissions-30 MHz to 1GHz	24°C	68%	AC 120V
Radiated Emissions-Above 1000 MHz	24°C	68%	AC 120V
Bandwidth	24.8°C	40.9%	AC 120V
Maximum Output Power	24.8°C	40.9%	AC 120V
Conducted Spurious Emission	24.8°C	40.9%	AC 120V
Power Spectral Density	24.8°C	40.9%	AC 120V

3.7 DUTY CYCLE

All tests were performed under the condition of 100% Duty Cycle

NOTE:
For IEEE 802.11a,IEEE 802.11n (HT20), IEEE 802.11ax (HE20)
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz (Duty cycle < 98%).
For IEEE 802.11n (HT40)
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz (Duty cycle < 98%).

4. AC POWER LINE CONDUCTED EMISSIONS TEST

4.1 LIMIT

Frequency of Emission (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 -0.50	66to 56*	56 to 46*
0.50 -5.0	56	46
5.0 -30.0	60	50

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

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

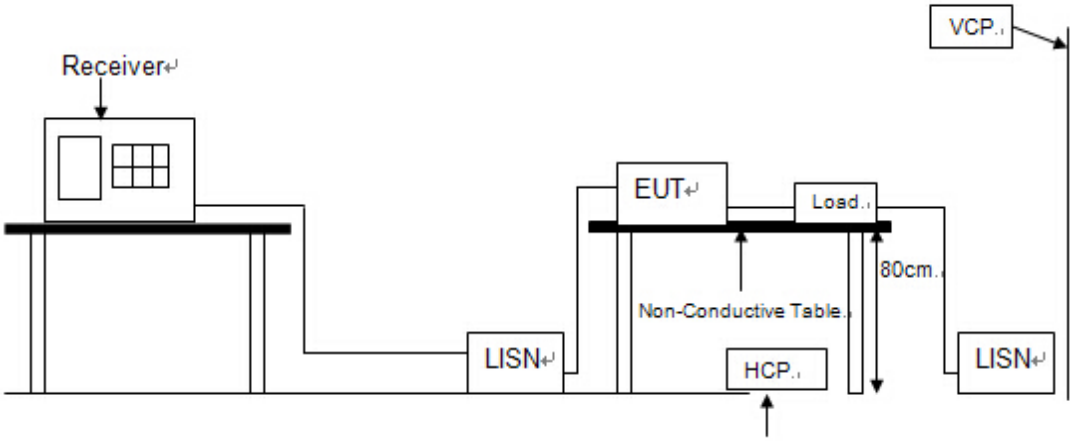
4.2 TEST PROCEDURE

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 equipment 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.

4.3 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Pulse Limiter	MTS-systemtechnik	MTS-IMP-136	261115-010-0024	12/04/2024
2	EMI Test Receiver	R&S	ESCI	101308	11/29/2024
3	LISN	AFJ	LS16	16011103219	08/11/2024
4	LISN	Schwarzbeck	NSLK 8127	8127-432	08/11/2024
5	Measurement Software	Farad	EZ-EMC (Ver.ATT-03A)	N/A	N/A

4.4 TESTSETUP



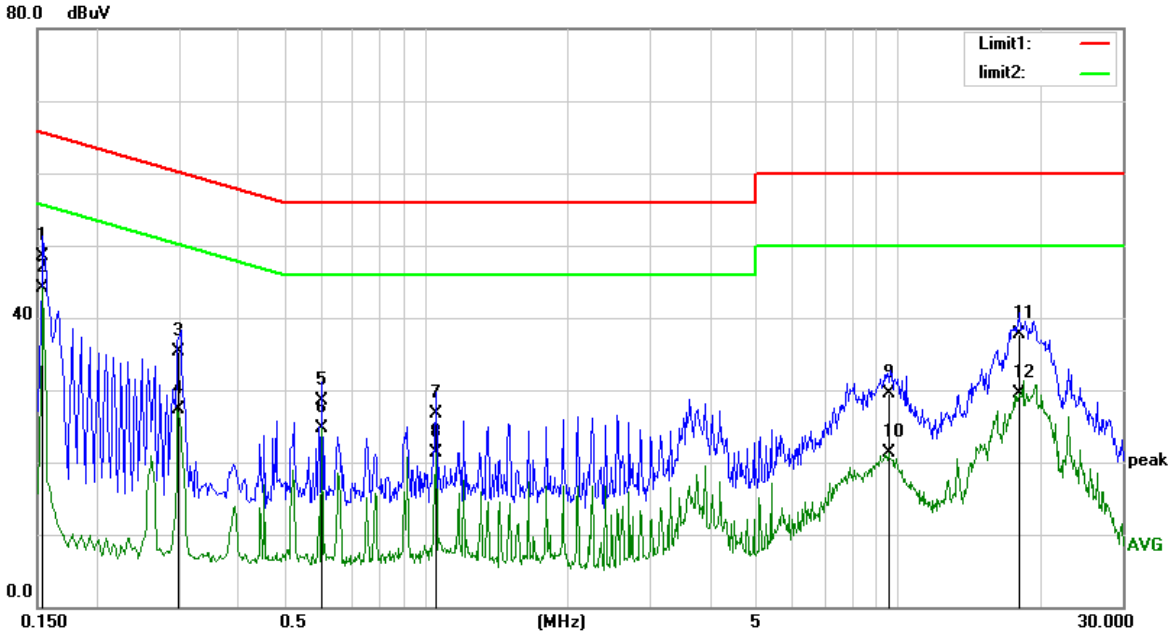
4.5 EUT OPERATION CONDITIONS

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

4.6 TEST RESULTS

Test Mode:	TX N-20 MHz Mode Channel 06

Line

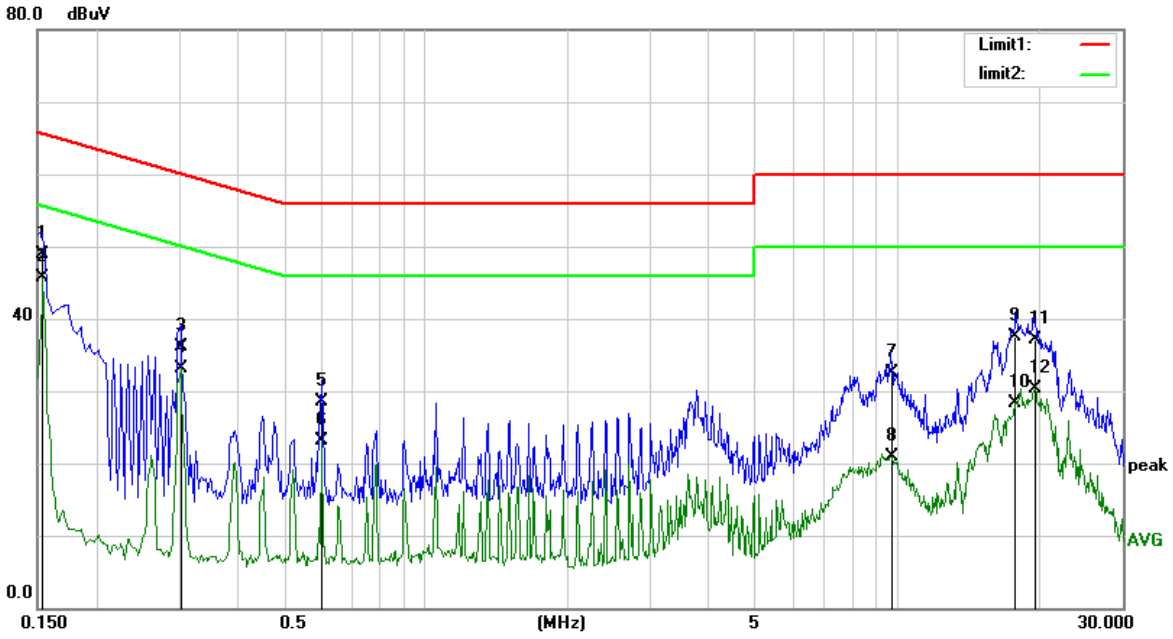


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dB	dB	Detector	Comment
1		0.1539	37.51	11.05	48.56	65.78	-17.22	QP	
2	*	0.1539	32.98	11.05	44.03	55.78	-11.75	AVG	
3		0.2979	24.59	10.64	35.23	60.30	-25.07	QP	
4		0.2979	16.75	10.64	27.39	50.30	-22.91	AVG	
5		0.6019	17.74	10.72	28.46	56.00	-27.54	QP	
6		0.6019	13.95	10.72	24.67	46.00	-21.33	AVG	
7		1.0500	16.20	10.56	26.76	56.00	-29.24	QP	
8		1.0500	10.84	10.56	21.40	46.00	-24.60	AVG	
9		9.5859	18.68	10.88	29.56	60.00	-30.44	QP	
10		9.5859	10.43	10.88	21.31	50.00	-28.69	AVG	
11		18.0458	26.72	10.90	37.62	60.00	-22.38	QP	
12		18.0458	18.58	10.90	29.48	50.00	-20.52	AVG	

Remarks:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode:	TX N-20 MHz Mode Channel 06

Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dB	dB	Detector	Comment
1		0.1539	37.93	11.05	48.98	65.78	-16.80	QP	
2	*	0.1539	34.74	11.05	45.79	55.78	-9.99	AVG	
3		0.3019	25.37	10.65	36.02	60.19	-24.17	QP	
4		0.3019	22.43	10.65	33.08	50.19	-17.11	AVG	
5		0.6019	17.83	10.72	28.55	56.00	-27.45	QP	
6		0.6019	12.38	10.72	23.10	46.00	-22.90	AVG	
7		9.7139	21.54	10.89	32.43	60.00	-27.57	QP	
8		9.7139	10.08	10.89	20.97	50.00	-29.03	AVG	
9		17.9338	26.67	10.89	37.56	60.00	-22.44	QP	
10		17.9338	17.45	10.89	28.34	50.00	-21.66	AVG	
11		19.5858	26.13	10.93	37.06	60.00	-22.94	QP	
12		19.5858	19.39	10.93	30.32	50.00	-19.68	AVG	

Remarks:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

5. RADIATED EMISSIONSTEST

5.1 LIMIT

In case the emission fall within the restricted band specified on 15.205(a) and RSS-Gen 8.10, then the 15.209(a) and RSS-Gen 8.9limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (9 kHz-1000MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (9 kHz-30 MHz)

Frequency (MHz)	Magnetic field strength (H-Field) (μA/m)	Measurement Distance (meters)
0.009-0.490	6.37/F(kHz)	300
0.490-1.705	6.37/F(kHz)	30
1.705-30.0	0.08	30

LIMITS OF RADIATED EMISSION MEASUREMENT (30 MHz-1000MHz)

Frequency (MHz)	Field Strength (μV/m at 3m)
30-88	100
88-216	150
216-960	200
Above 960	500

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

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

NOTE:
(1) The limit for radiated test was performed according to FCC PART 15C and RSS-247.
(2) The tighter limit applies at the band edges.
(3) Emission level (dBuV/m)=20log Emission level (uV/m).

5.2 TEST PROCEDURE

a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. 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. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. The test result is calculated as the following:
(1) Result = Reading + Correct Factor
(2) Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain + Attenuator
(3) Margin = Result - Limit

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 1/T for Average

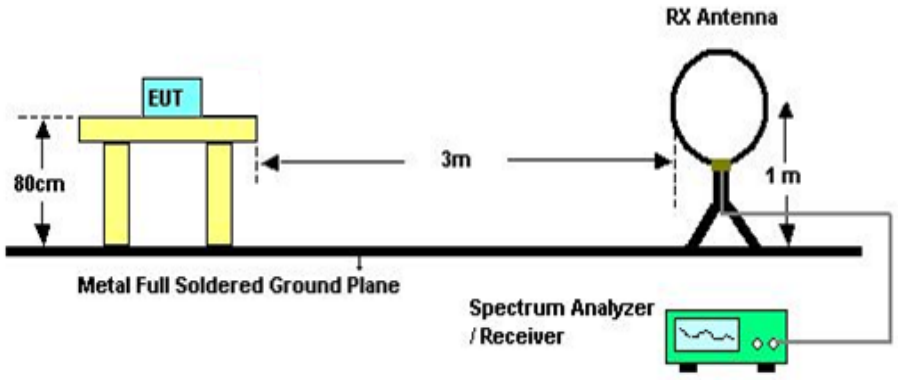
Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP detector

5.3 MEASUREMENT INSTRUMENTS LIST

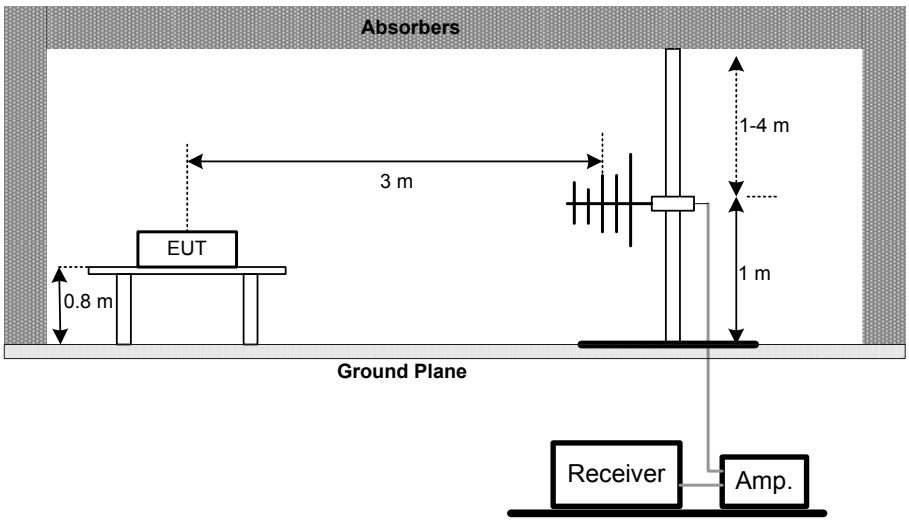
Item	Equipment	Manufacturer	Model No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	101307	11/29/2024
2	Spectrum Analyzer	Agilent	E4407B	US40240708	11/06/2024
3	Loop antenna	SCHWARZBECK K	FMZB1519	1519-062	01/14/2025
4	Broadband antenna	SCHWARZBECK	VULB9168	VULB9168-192	03/29/2025
5	HORN ANTENNA	SCHWARZBECK	BBHA9120D	9120D 1065	04/17/2025
6	Preamplifier Amplifier	HP	8447F	3113A05680	12/04/2024
7	PRE-AMPLIFIER	CY	EMC011830	980136	04/17/2025
8	RF Cable	R&S	Test Cable 4	4	12/11/2024
9	RF Cable	R&S	Test Cable 5	5	12/11/2024
10	RF Cable	R&S	Test Cable 9	9	04/17/2025
11	RF Cable	R&S	Test Cable 10	10	04/17/2025
12	Measurement Software	Farad	EZ-EMC (Ver.ATT-03A)	N/A	N/A

5.4 TESTSETUP

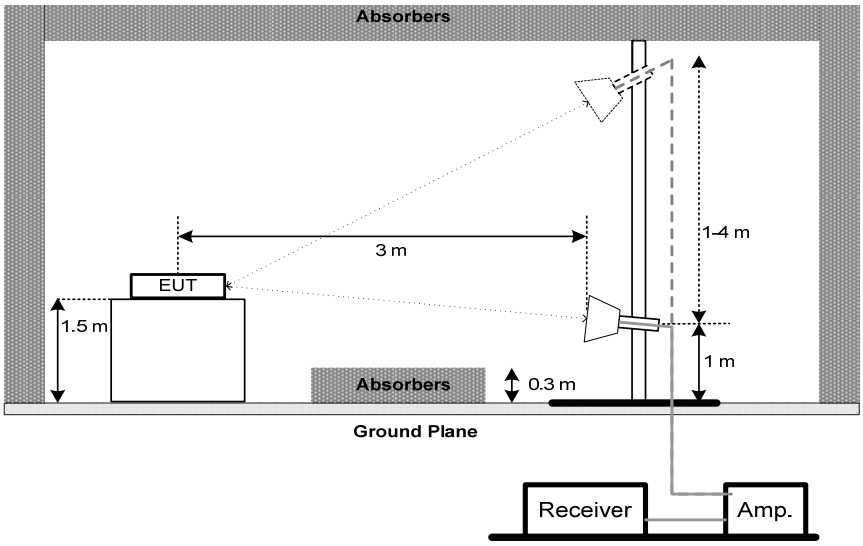
9 kHz-30 MHz



30 MHz to 1 GHz



Above 1 GHz



5.5 EUT OPERATIONCONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS - 9kHz TO 30MHz

Test Mode:	TX N-20 MHz Mode Channel 06

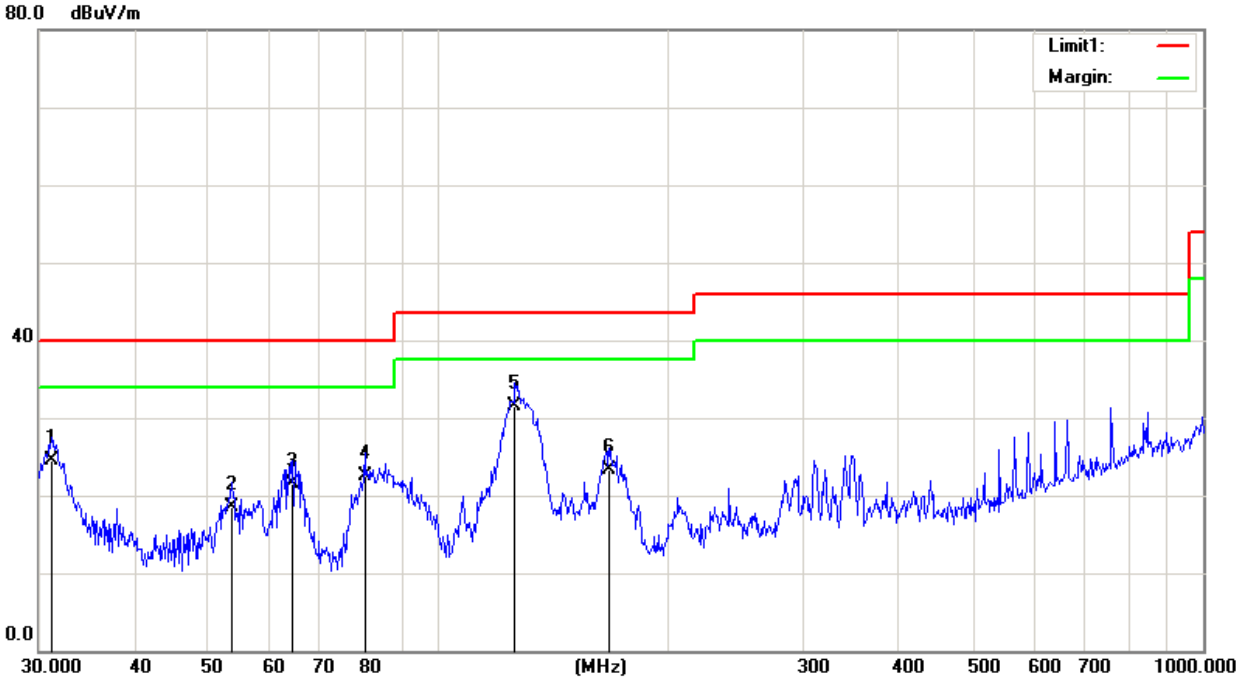
Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
--	--	--	--	P
--	--	--	--	P

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

5.7 TEST RESULTS - 30MHzTO 1000MHz

Test Mode :	TX N-20 MHz Mode Channel 06

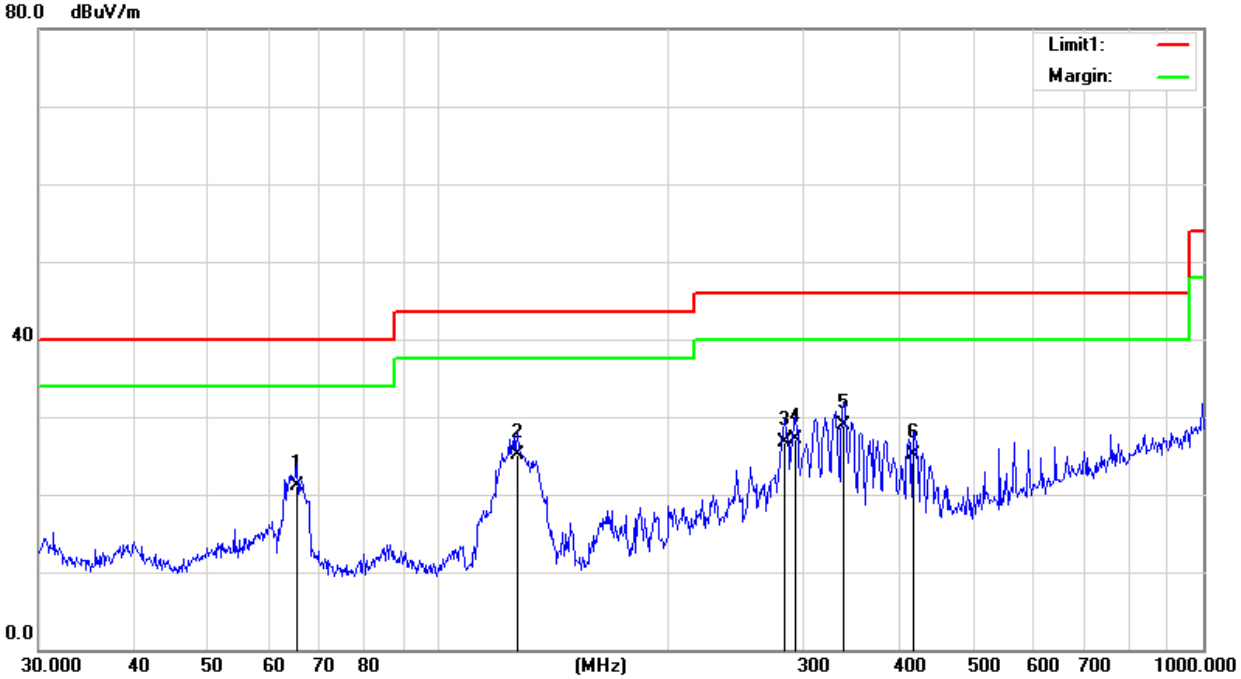
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		31.1798	37.81	-13.26	24.55	40.00	-15.45	QP	100	16	
2		53.6931	31.21	-12.65	18.56	40.00	-21.44	QP	200	76	
3		64.4330	33.28	-11.78	21.50	40.00	-18.50	QP	200	134	
4		80.0806	38.68	-16.25	22.43	40.00	-17.57	QP	100	29	
5	*	125.8864	44.65	-13.19	31.46	43.50	-12.04	QP	300	241	
6		167.2366	35.67	-12.27	23.40	43.50	-20.10	QP	100	69	

Test Mode :	TX N-20 MHz Mode Channel 06

Horizontal

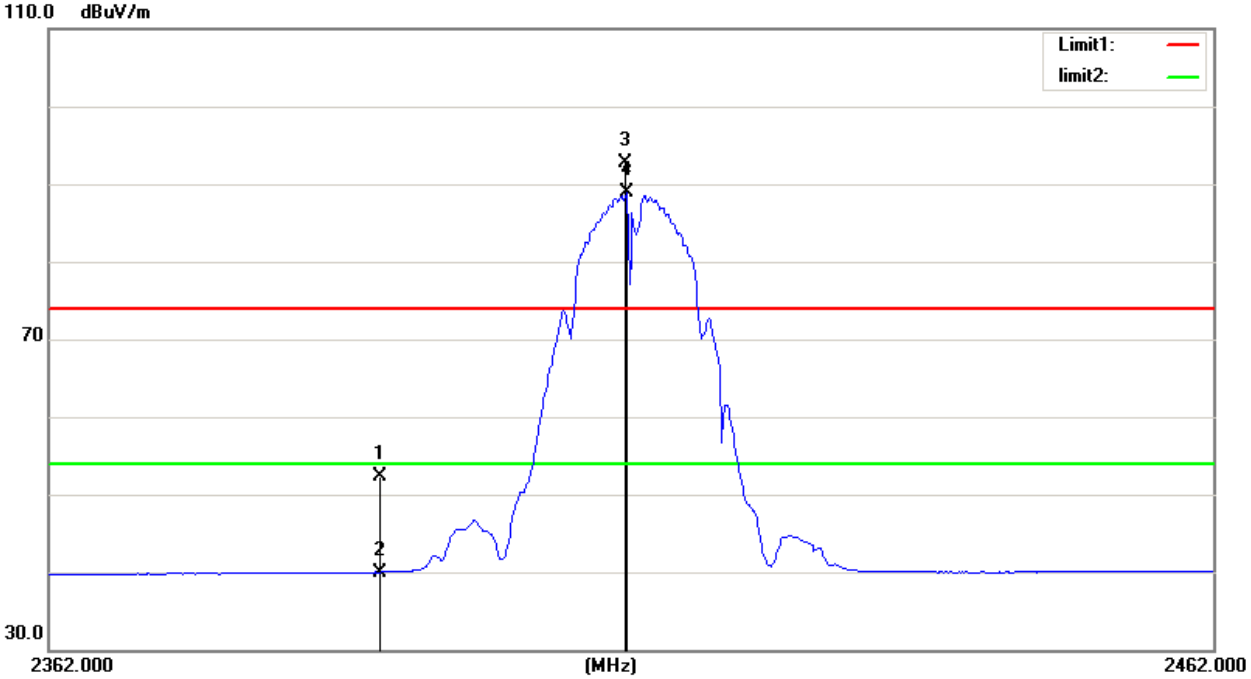


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		65.3431	35.91	-14.84	21.07	40.00	-18.93	QP	100	36	
2		126.7723	39.66	-14.63	25.03	43.50	-18.47	QP	100	98	
3		283.9791	35.28	-8.54	26.74	46.00	-19.26	QP	200	106	
4		293.0842	35.19	-8.09	27.10	46.00	-18.90	QP	100	236	
5	*	338.4001	38.34	-9.51	28.83	46.00	-17.17	QP	100	154	
6		417.6409	32.66	-7.58	25.08	46.00	-20.92	QP	200	74	

5.8 TEST RESULTS- ABOVE 1000MHz(BAND EDGE)

Orthogonal Axis	X
Test Mode:	TX B Mode 2412 MHz

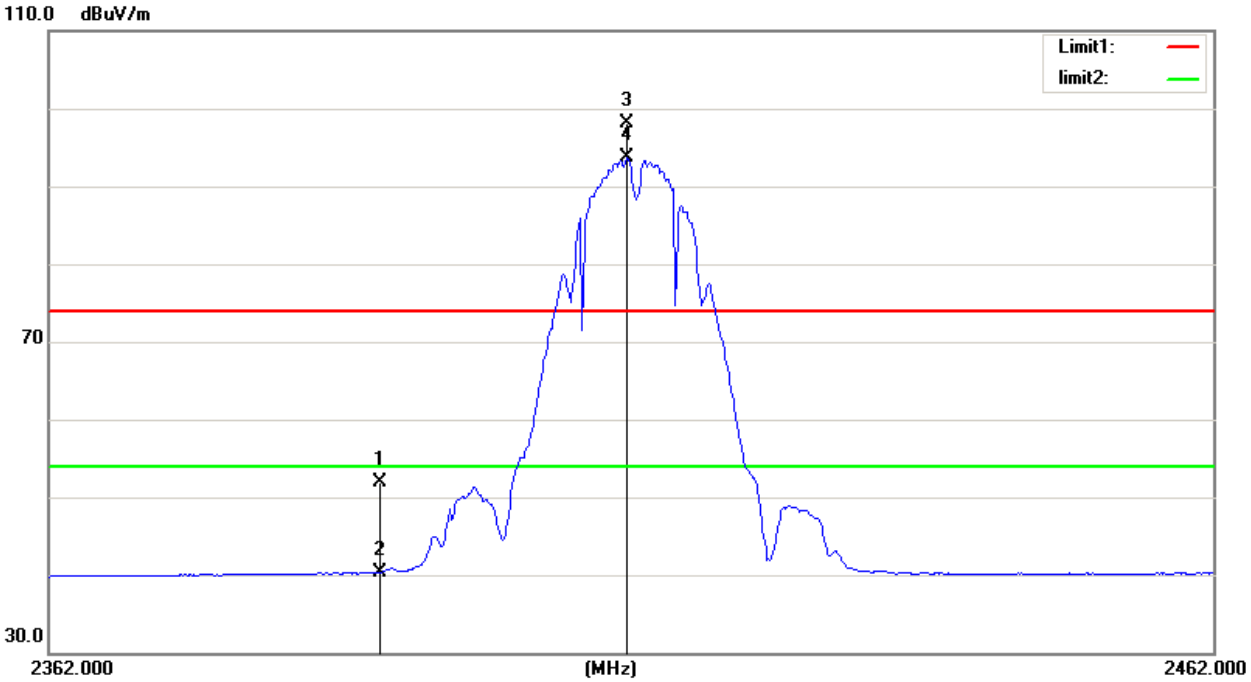
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		2390.000	22.15	30.14	52.29	74.00	-21.71	peak	150	168	
2		2390.000	9.86	30.14	40.00	54.00	-14.00	AVG	150	168	
3	X	2411.000	62.47	30.18	92.65	74.00	18.65	peak	150	168	NO LIMIT
4	*	2411.200	58.64	30.18	88.82	54.00	34.82	AVG	150	168	NO LIMIT

Orthogonal Axis	X
Test Mode:	TX B Mode 2412 MHz

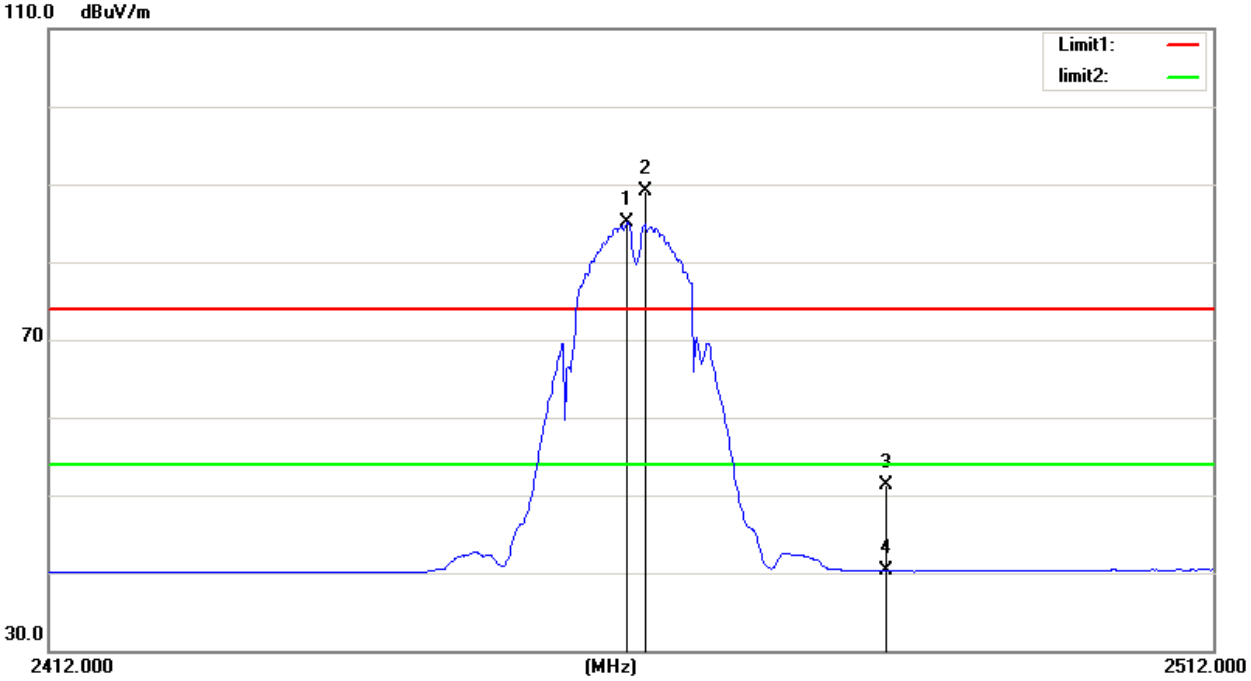
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		2390.000	21.83	30.14	51.97	74.00	-22.03	peak	150	93	
2		2390.000	10.18	30.14	40.32	54.00	-13.68	AVG	150	93	
3	X	2411.200	67.86	30.18	98.04	74.00	24.04	peak	150	93	NO LIMIT
4	*	2411.200	63.48	30.18	93.66	54.00	39.66	AVG	150	93	NO LIMIT

Orthogonal Axis	X
Test Mode:	TX B Mode 2462 MHz

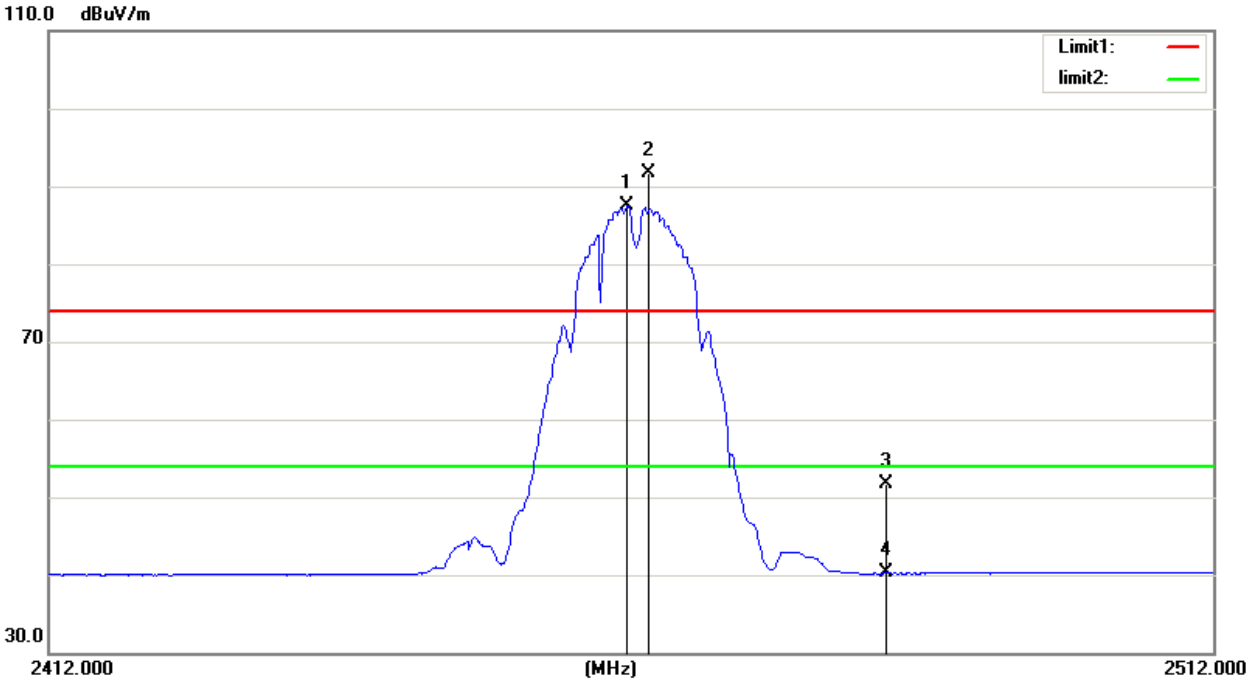
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1	*	2461.200	54.77	30.29	85.06	54.00	31.06	AVG	150	170	NO LIMIT
2	X	2462.600	58.75	30.30	89.05	74.00	15.05	peak	150	170	NO LIMIT
3		2483.500	20.91	30.34	51.25	74.00	-22.75	peak	150	170	
4		2483.500	9.98	30.34	40.32	54.00	-13.68	AVG	150	170	

Orthogonal Axis	X
Test Mode:	TX B Mode 2462 MHz

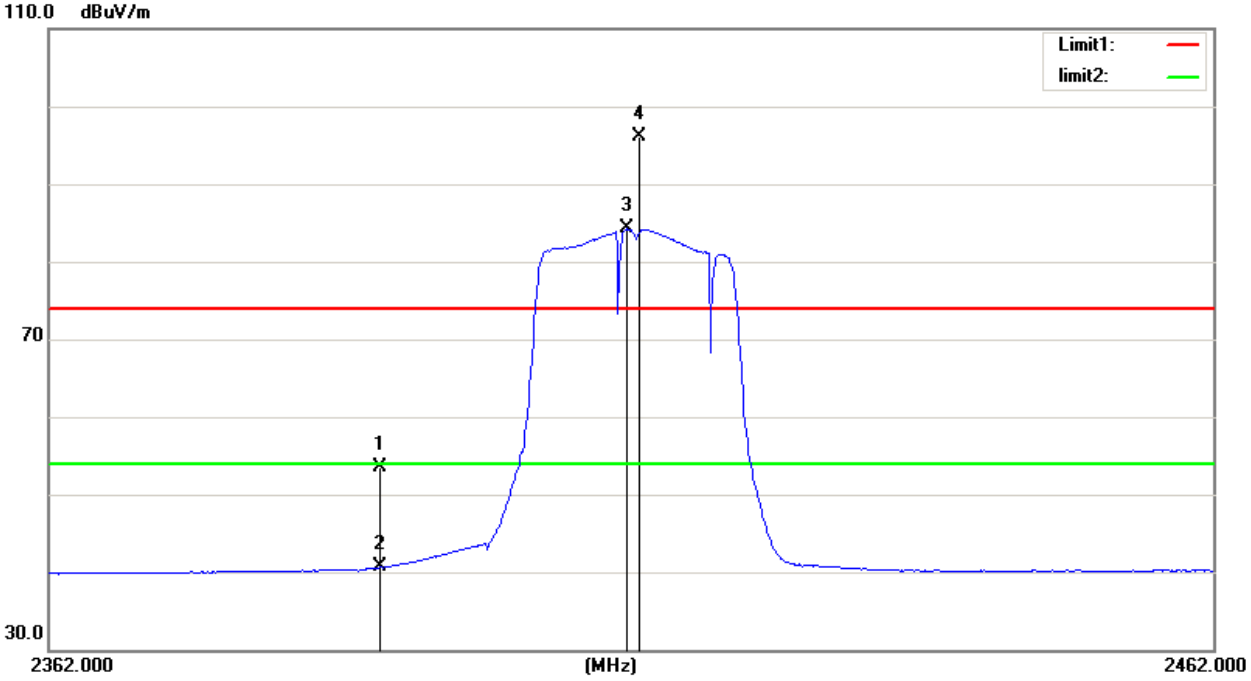
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1	*	2461.200	57.21	30.29	87.50	54.00	33.50	AVG	150	93	NO LIMIT
2	X	2463.000	61.44	30.30	91.74	74.00	17.74	peak	150	93	NO LIMIT
3		2483.500	21.32	30.34	51.66	74.00	-22.34	peak	150	93	
4		2483.500	9.89	30.34	40.23	54.00	-13.77	AVG	150	93	

Orthogonal Axis	X
Test Mode:	TX G Mode 2412 MHz

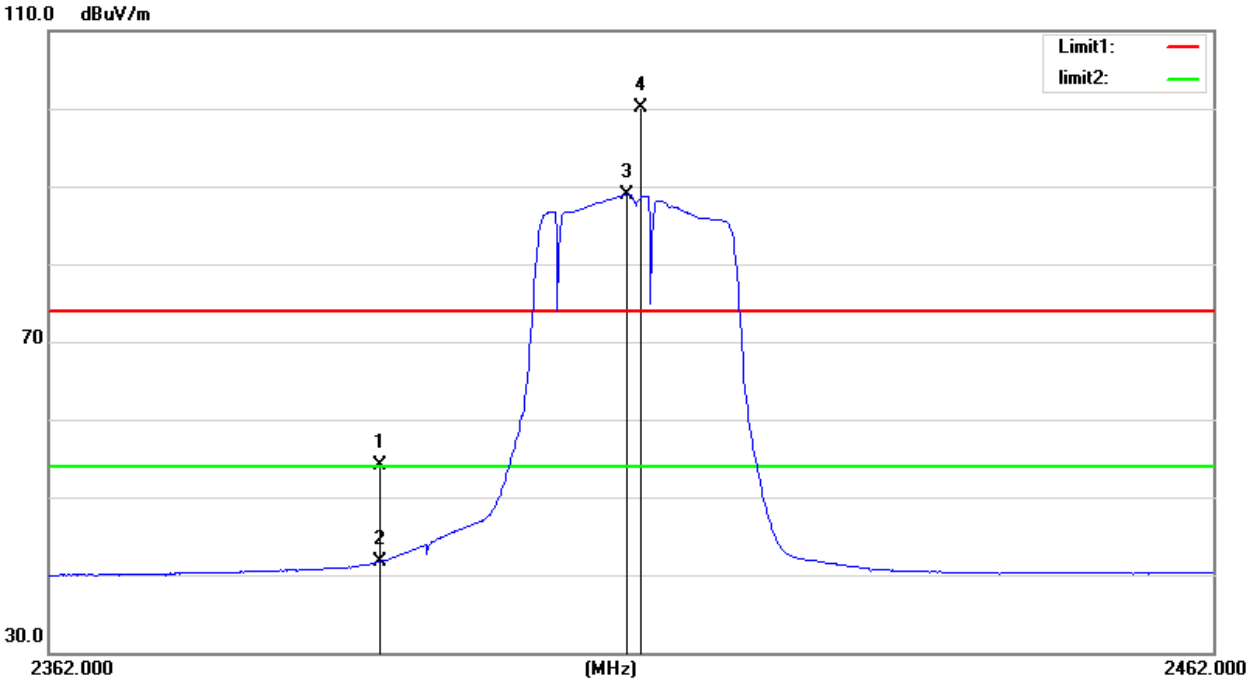
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		2390.000	23.38	30.14	53.52	74.00	-20.48	peak	150	170	
2		2390.000	10.47	30.14	40.61	54.00	-13.39	AVG	150	170	
3	*	2411.200	54.03	30.18	84.21	54.00	30.21	AVG	150	170	NO LIMIT
4	X	2412.100	65.92	30.19	96.11	74.00	22.11	peak	150	170	NO LIMIT

Orthogonal Axis	X
Test Mode:	TX G Mode 2412 MHz

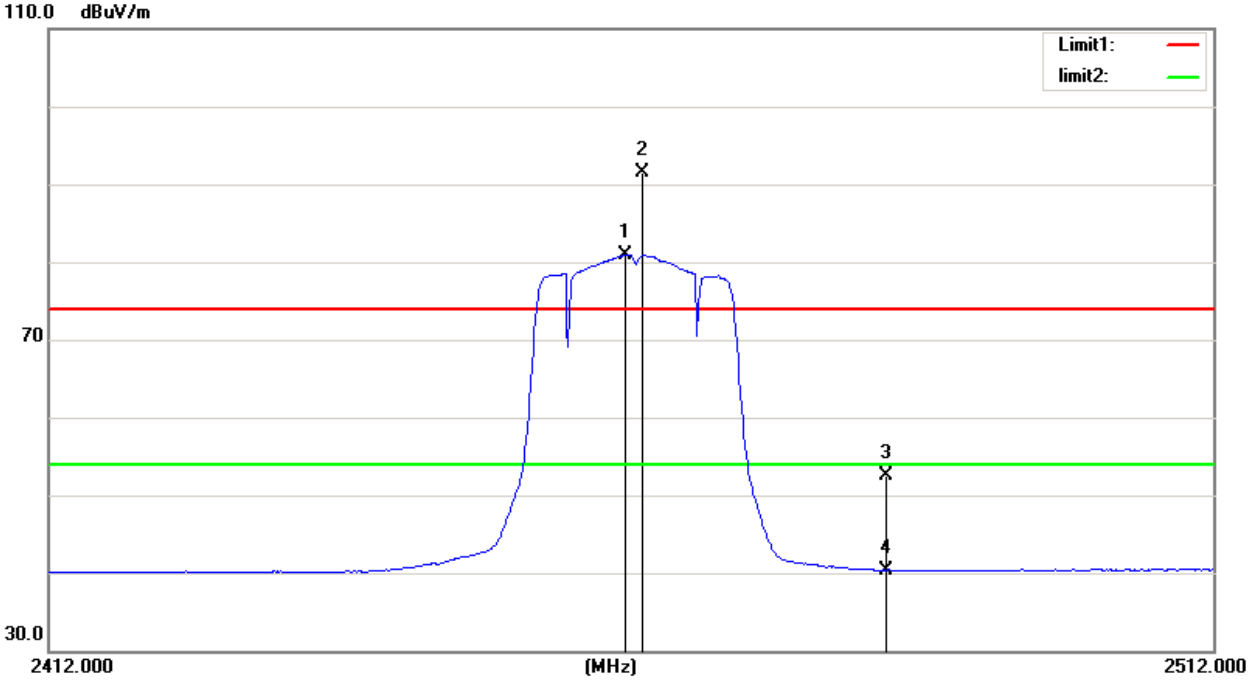
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		2390.000	24.04	30.14	54.18	74.00	-19.82	peak	150	91	
2		2390.000	11.54	30.14	41.68	54.00	-12.32	AVG	150	91	
3	*	2411.200	58.70	30.18	88.88	54.00	34.88	AVG	150	91	NO LIMIT
4	X	2412.300	69.90	30.19	100.09	74.00	26.09	peak	150	91	NO LIMIT

Orthogonal Axis	X
Test Mode:	TX G Mode 2462 MHz

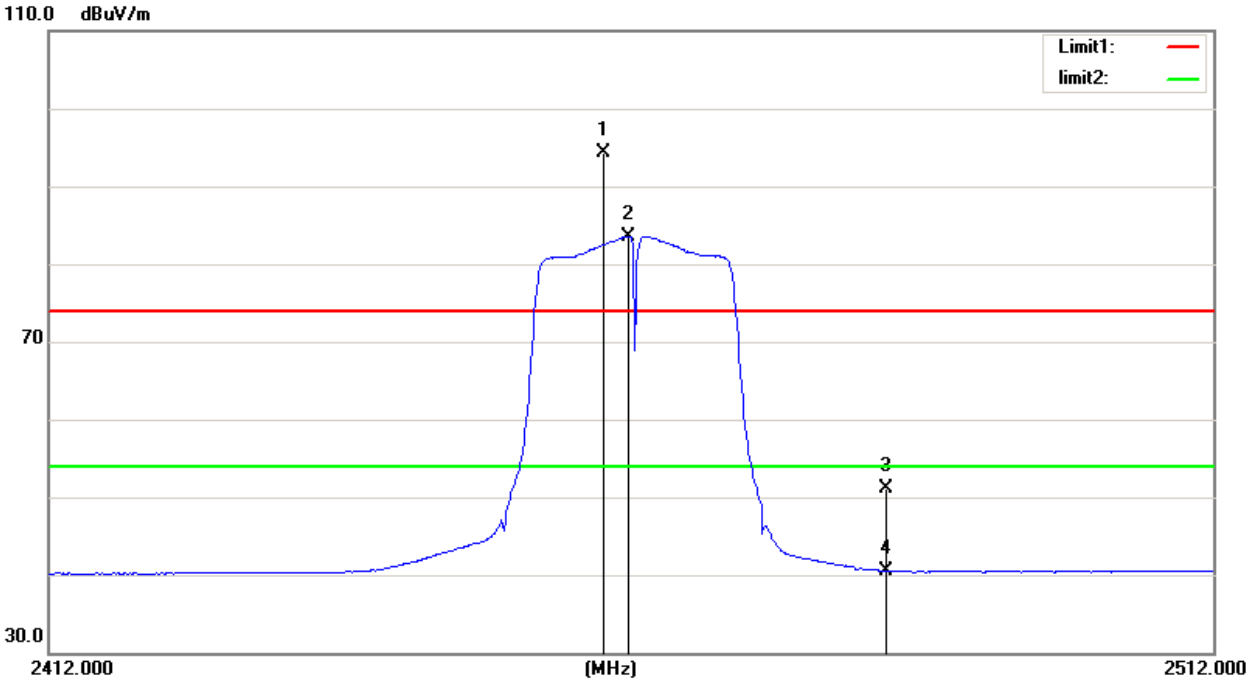
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1	*	2461.000	50.65	30.29	80.94	54.00	26.94	AVG	150	173	NO LIMIT
2	X	2462.500	61.12	30.30	91.42	74.00	17.42	peak	150	173	NO LIMIT
3		2483.500	22.07	30.34	52.41	74.00	-21.59	peak	150	173	
4		2483.500	10.01	30.34	40.35	54.00	-13.65	AVG	150	173	

Orthogonal Axis	X
Test Mode:	TX G Mode 2462 MHz

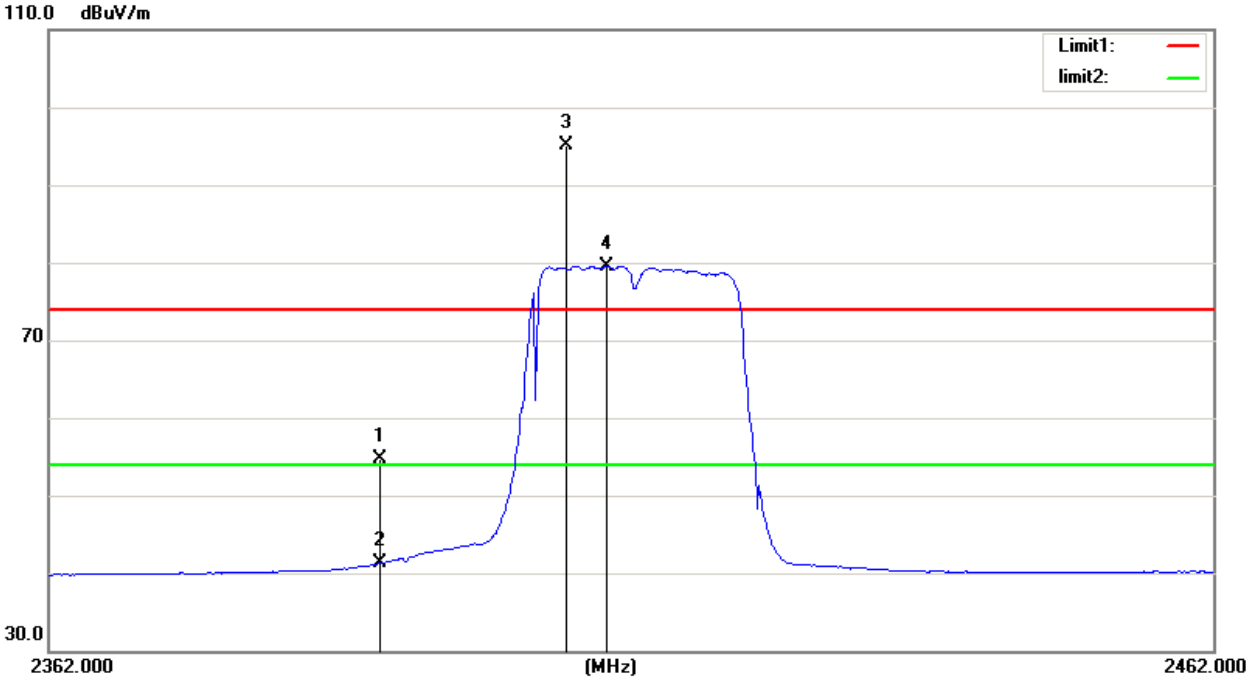
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1	X	2459.100	64.07	30.29	94.36	74.00	20.36	peak	150	83	NO LIMIT
2	*	2461.300	53.26	30.29	83.55	54.00	29.55	AVG	150	83	NO LIMIT
3		2483.500	20.76	30.34	51.10	74.00	-22.90	peak	150	83	
4		2483.500	10.21	30.34	40.55	54.00	-13.45	AVG	150	83	

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2412 MHz

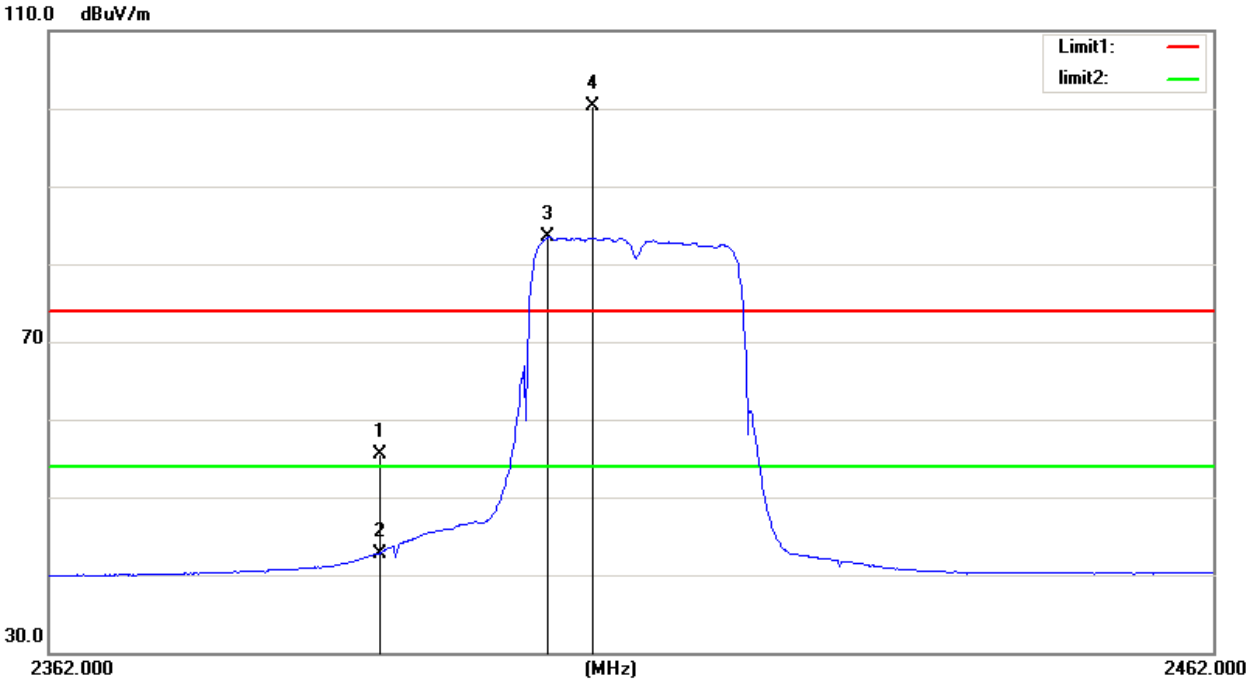
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		2390.000	24.53	30.14	54.67	74.00	-19.33	peak	150	165	
2		2390.000	11.09	30.14	41.23	54.00	-12.77	AVG	150	165	
3	X	2405.900	64.87	30.17	95.04	74.00	21.04	peak	150	165	NO LIMIT
4	*	2409.400	49.38	30.18	79.56	54.00	25.56	AVG	150	165	NO LIMIT

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2412 MHz

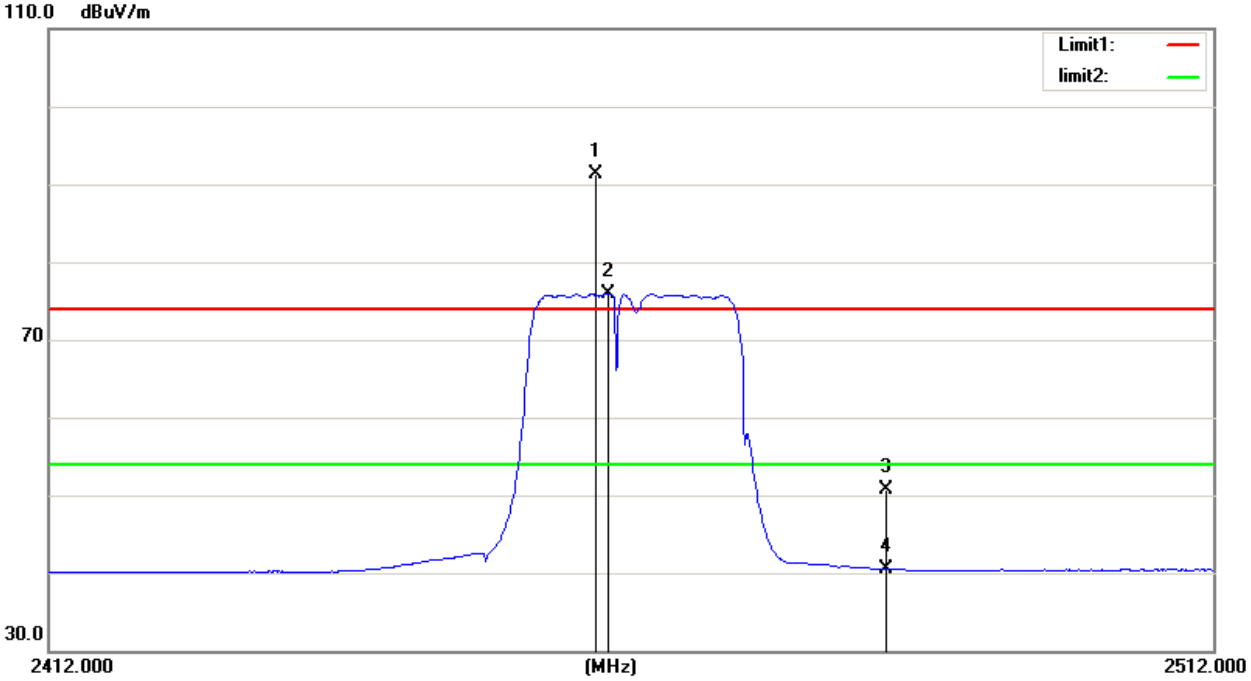
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		2390.000	25.39	30.14	55.53	74.00	-18.47	peak	150	97	
2		2390.000	12.65	30.14	42.79	54.00	-11.21	AVG	150	97	
3	*	2404.400	53.25	30.17	83.42	54.00	29.42	AVG	150	97	NO LIMIT
4	X	2408.100	70.04	30.18	100.22	74.00	26.22	peak	150	97	NO LIMIT

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2462 MHz

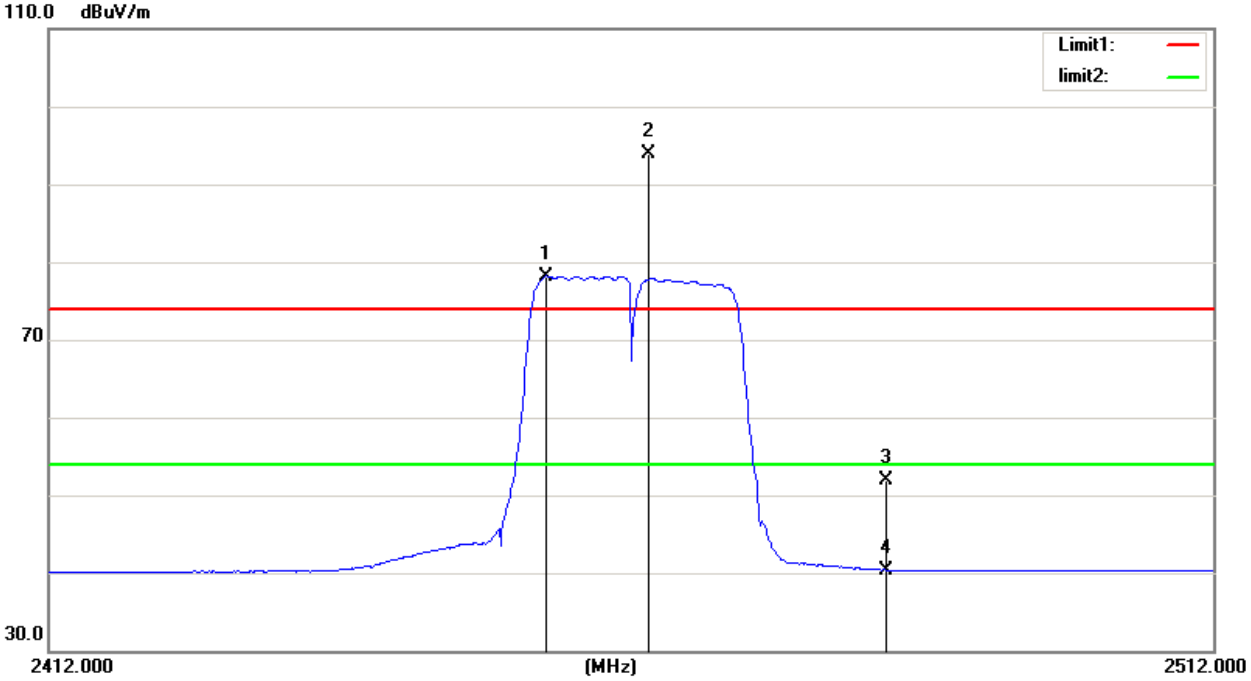
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1	X	2458.500	61.08	30.29	91.37	74.00	17.37	peak	150	174	NO LIMIT
2	*	2459.500	45.69	30.29	75.98	54.00	21.98	AVG	150	174	NO LIMIT
3		2483.500	20.34	30.34	50.68	74.00	-23.32	peak	150	174	
4		2483.500	10.13	30.34	40.47	54.00	-13.53	AVG	150	174	

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2462 MHz

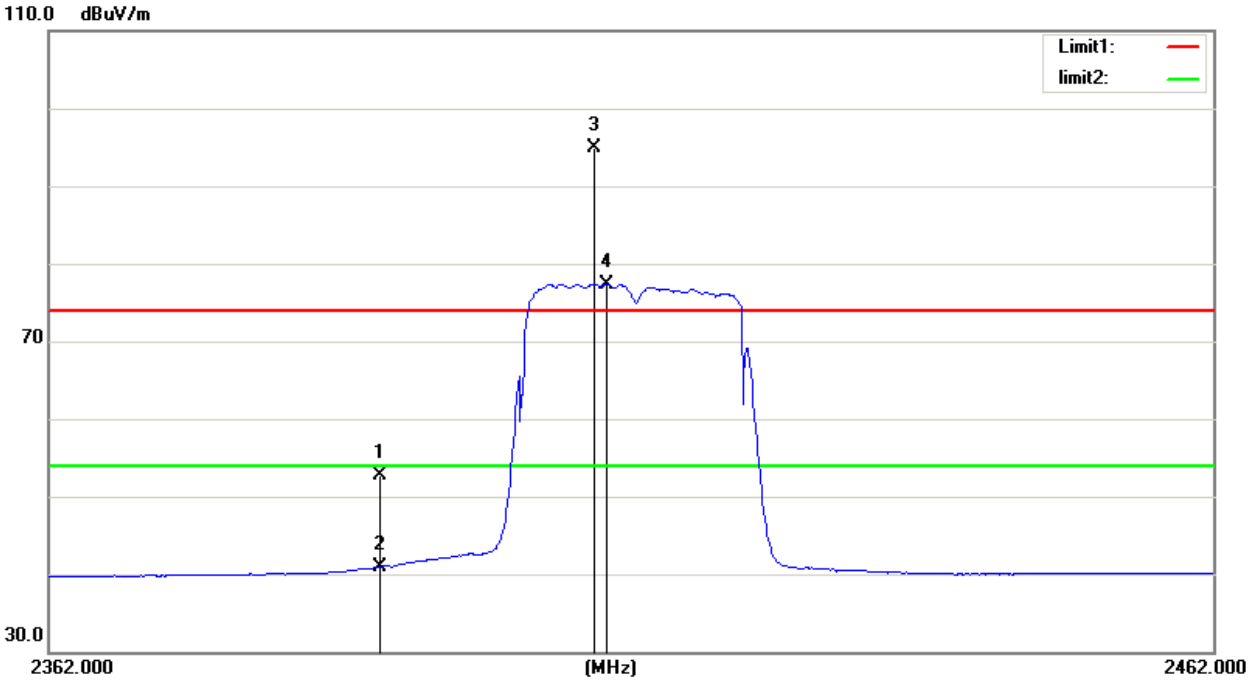
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1	*	2454.300	47.92	30.28	78.20	54.00	24.20	AVG	150	97	NO LIMIT
2	X	2463.000	63.67	30.30	93.97	74.00	19.97	peak	150	97	NO LIMIT
3		2483.500	21.54	30.34	51.88	74.00	-22.12	peak	150	97	
4		2483.500	10.05	30.34	40.39	54.00	-13.61	AVG	150	97	

Orthogonal Axis	X
Test Mode:	TX AX-20M Mode 2412MHz

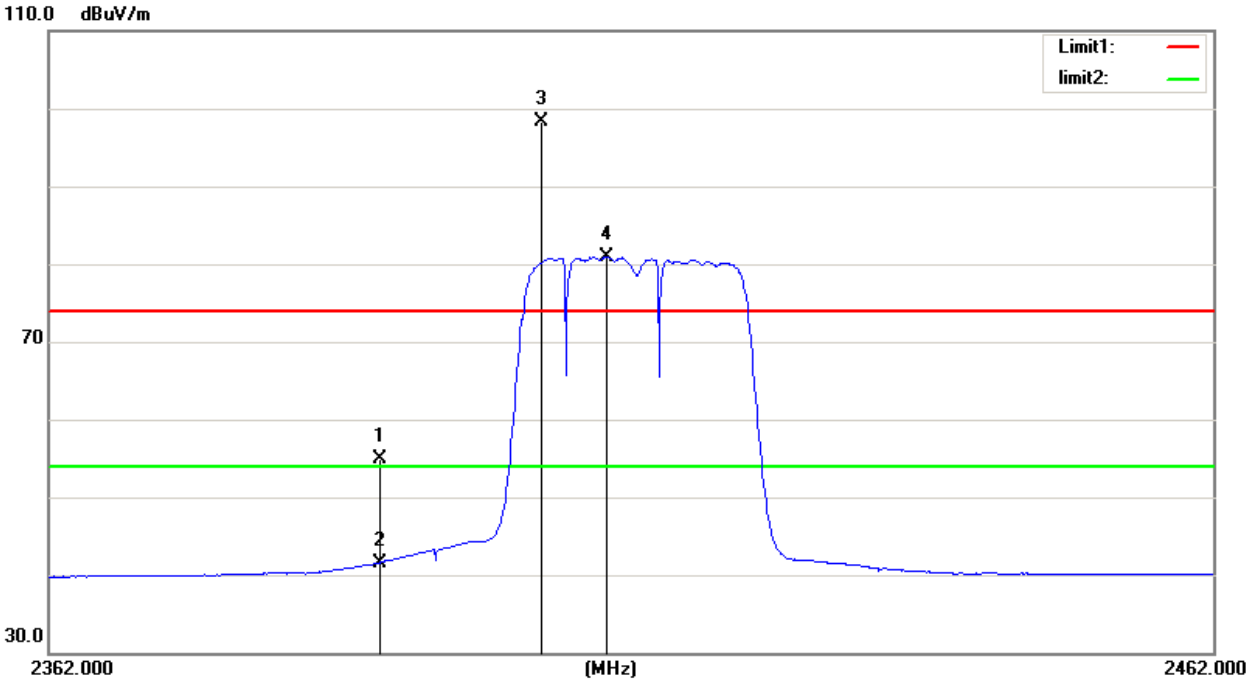
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		2390.000	22.66	30.14	52.80	74.00	-21.20	peak	150	168	
2		2390.000	10.81	30.14	40.95	54.00	-13.05	AVG	150	168	
3	X	2408.400	64.82	30.18	95.00	74.00	21.00	peak	150	168	NO LIMIT
4	*	2409.400	47.19	30.18	77.37	54.00	23.37	AVG	150	168	NO LIMIT

Orthogonal Axis	X
Test Mode:	TX AX-20M Mode 2412MHz

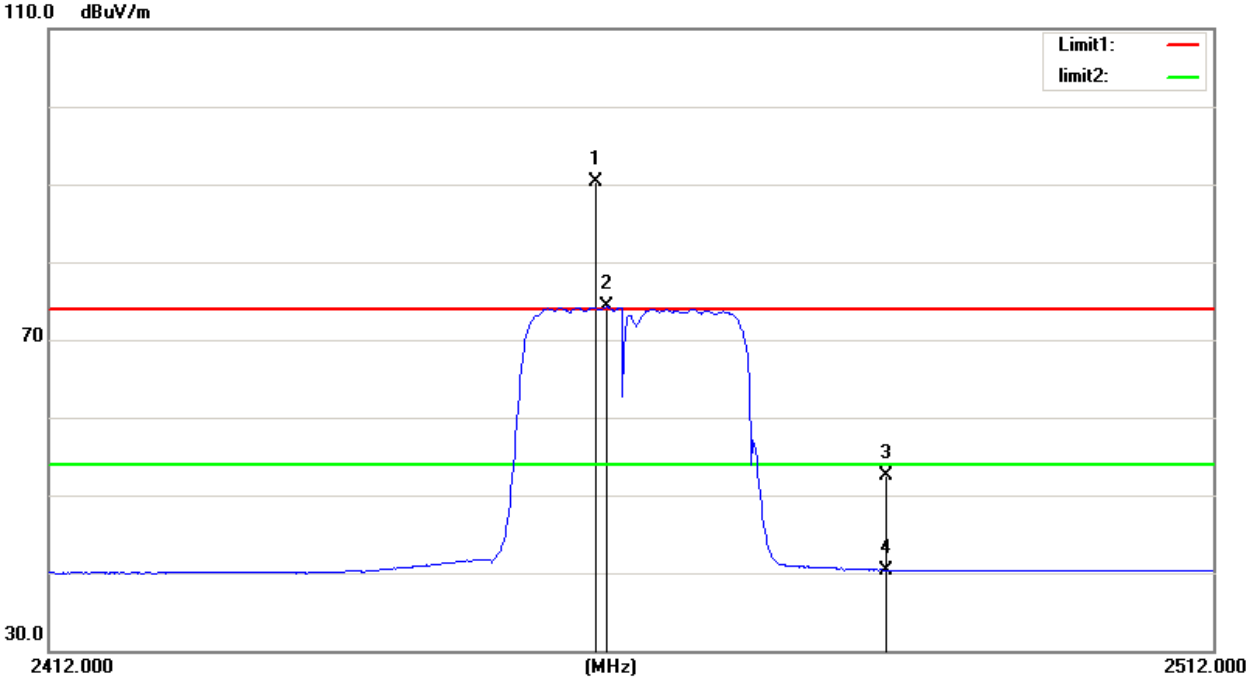
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		2390.000	24.79	30.14	54.93	74.00	-19.07	peak	150	83	
2		2390.000	11.45	30.14	41.59	54.00	-12.41	AVG	150	83	
3	X	2403.700	68.04	30.17	98.21	74.00	24.21	peak	150	83	NO LIMIT
4	*	2409.400	50.75	30.18	80.93	54.00	26.93	AVG	150	83	NO LIMIT

Orthogonal Axis	X
Test Mode:	TX AX-20M Mode 2462MHz

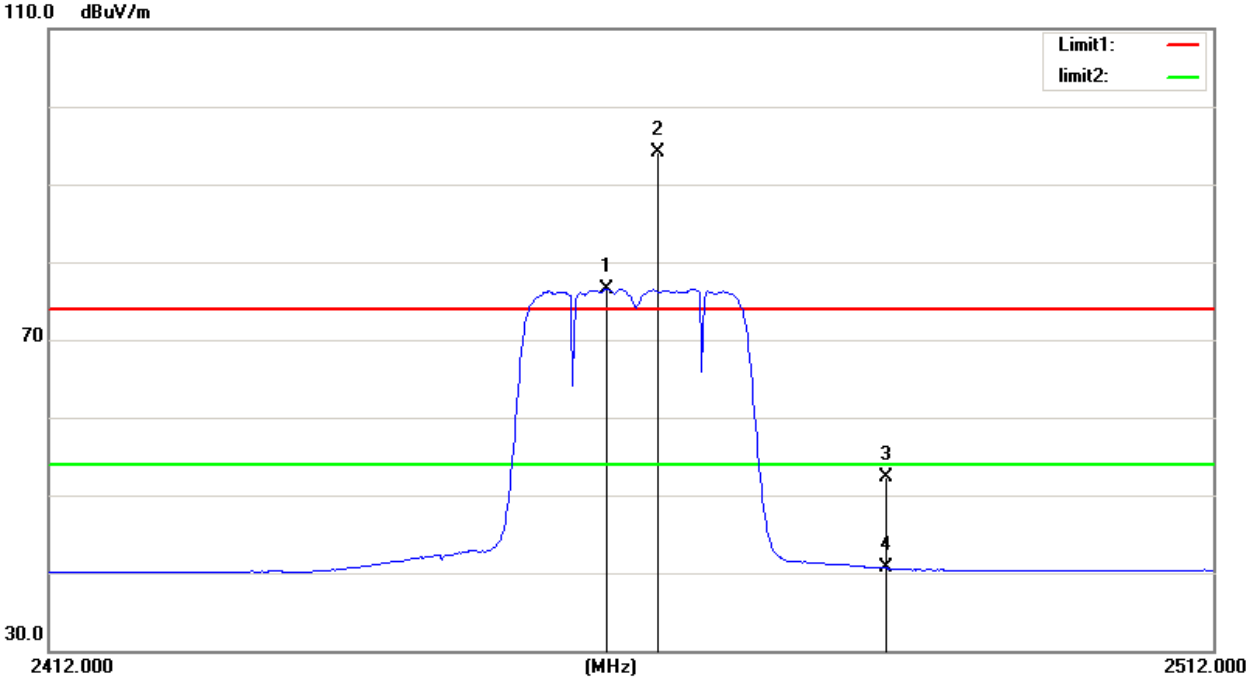
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1	X	2458.500	59.93	30.29	90.22	74.00	16.22	peak	150	172	NO LIMIT
2	*	2459.400	43.93	30.29	74.22	54.00	20.22	AVG	150	172	NO LIMIT
3		2483.500	22.26	30.34	52.60	74.00	-21.40	peak	150	172	
4		2483.500	10.02	30.34	40.36	54.00	-13.64	AVG	150	172	

Orthogonal Axis	X
Test Mode:	TX AX-20M Mode 2462MHz

Horizontal

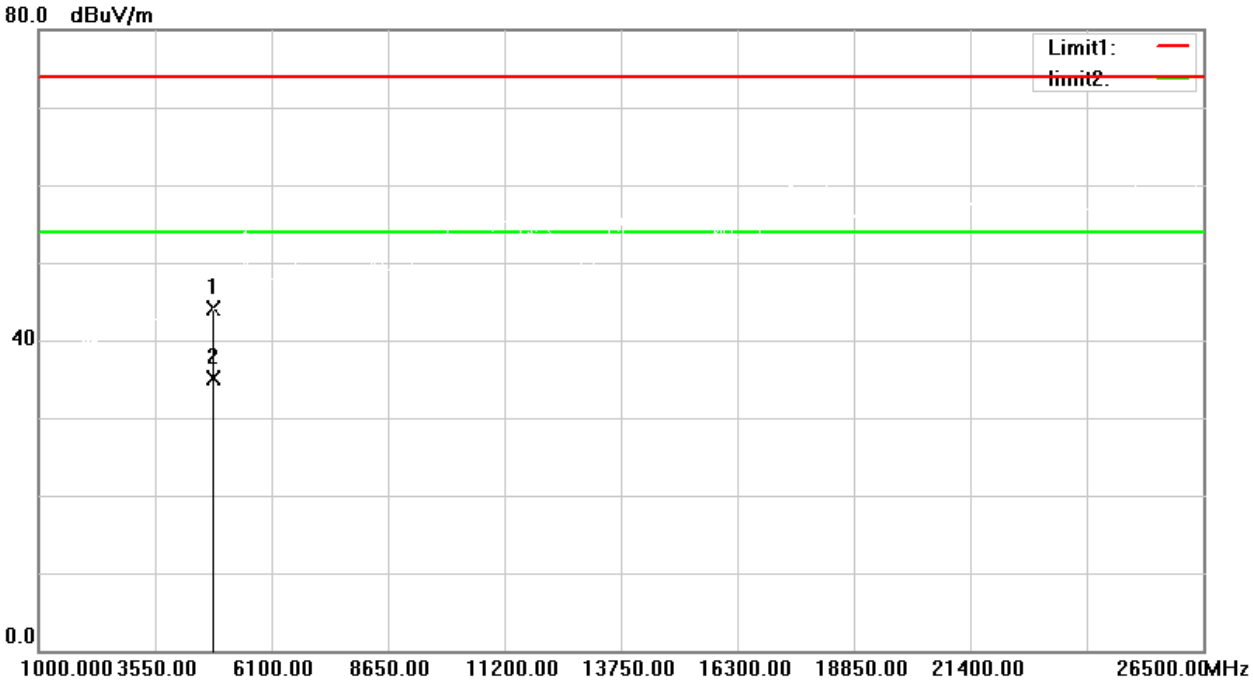


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1	*	2459.400	46.23	30.29	76.52	54.00	22.52	AVG	150	83	NO LIMIT
2	X	2463.800	63.74	30.30	94.04	74.00	20.04	peak	150	83	NO LIMIT
3		2483.500	22.05	30.34	52.39	74.00	-21.61	peak	150	83	
4		2483.500	10.31	30.34	40.65	54.00	-13.35	AVG	150	83	

5.9 TEST RESULTS- ABOVE 1000MHz(HARMONIC)

Orthogonal Axis	X
Test Mode:	TX B Mode 2412 MHz

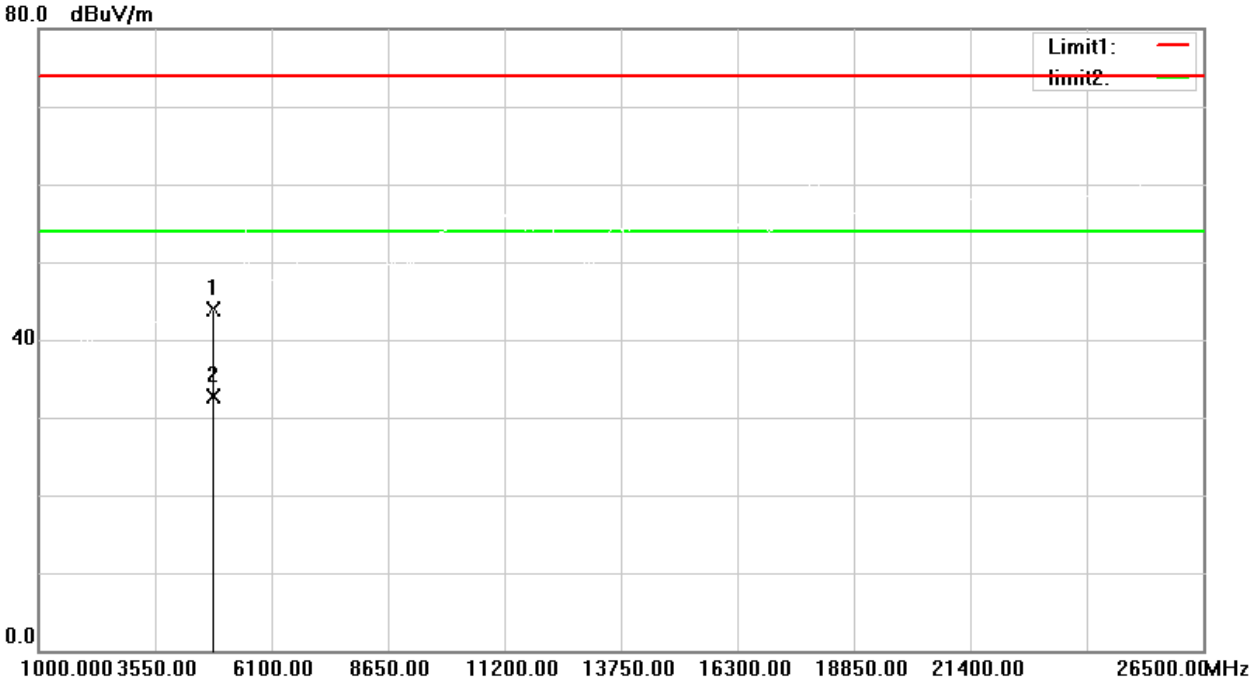
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4824.000	51.27	-7.19	44.08	74.00	-29.92	peak	150	87	
2	*	4824.000	42.35	-7.19	35.16	54.00	-18.84	AVG	150	87	

Orthogonal Axis	X
Test Mode:	TX B Mode 2412 MHz

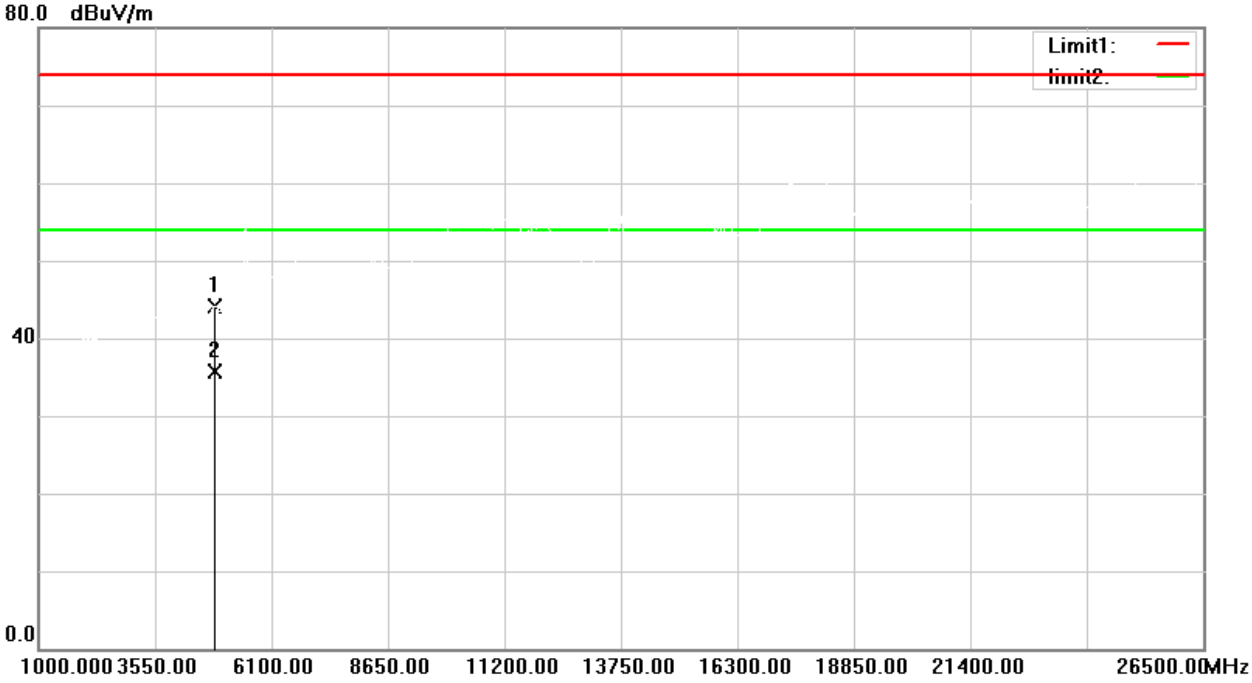
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4824.000	51.07	-7.19	43.88	74.00	-30.12	peak	150	49	
2	*	4824.000	39.93	-7.19	32.74	54.00	-21.26	AVG	150	49	

Orthogonal Axis	X
Test Mode:	TX B Mode 2437 MHz

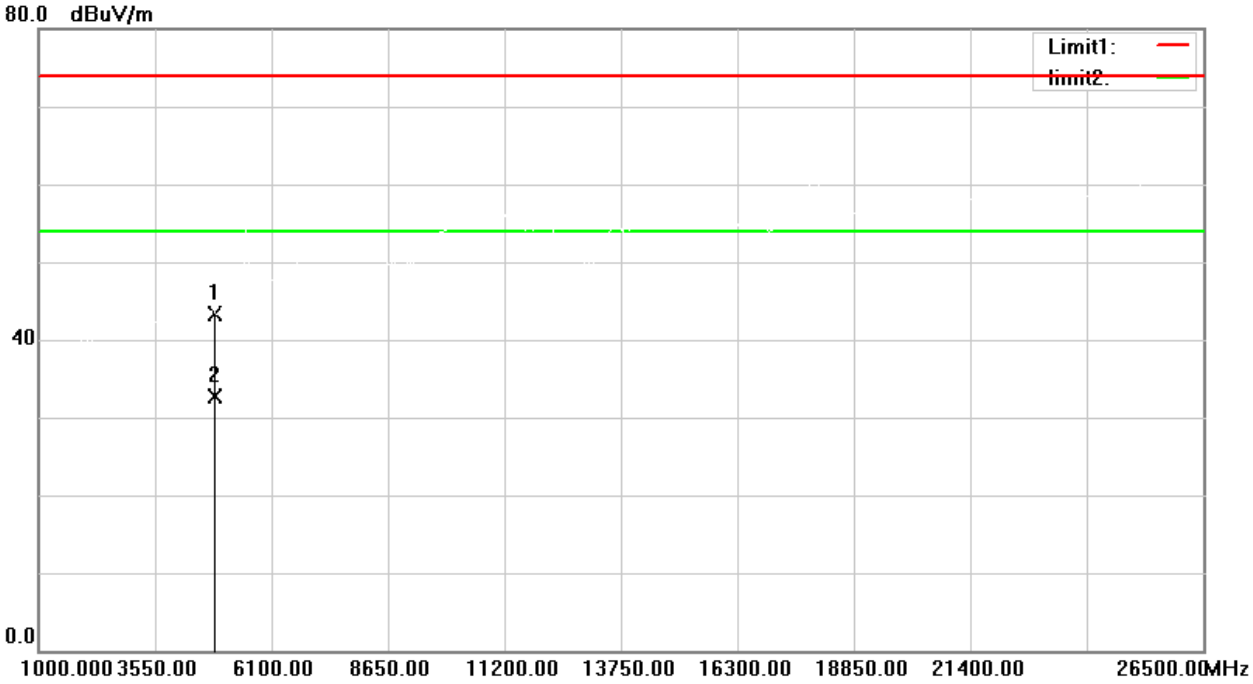
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4874.000	51.09	-7.04	44.05	74.00	-29.95	peak	150	101	
2	*	4874.000	42.73	-7.04	35.69	54.00	-18.31	AVG	150	101	

Orthogonal Axis	X
Test Mode:	TX B Mode 2437 MHz

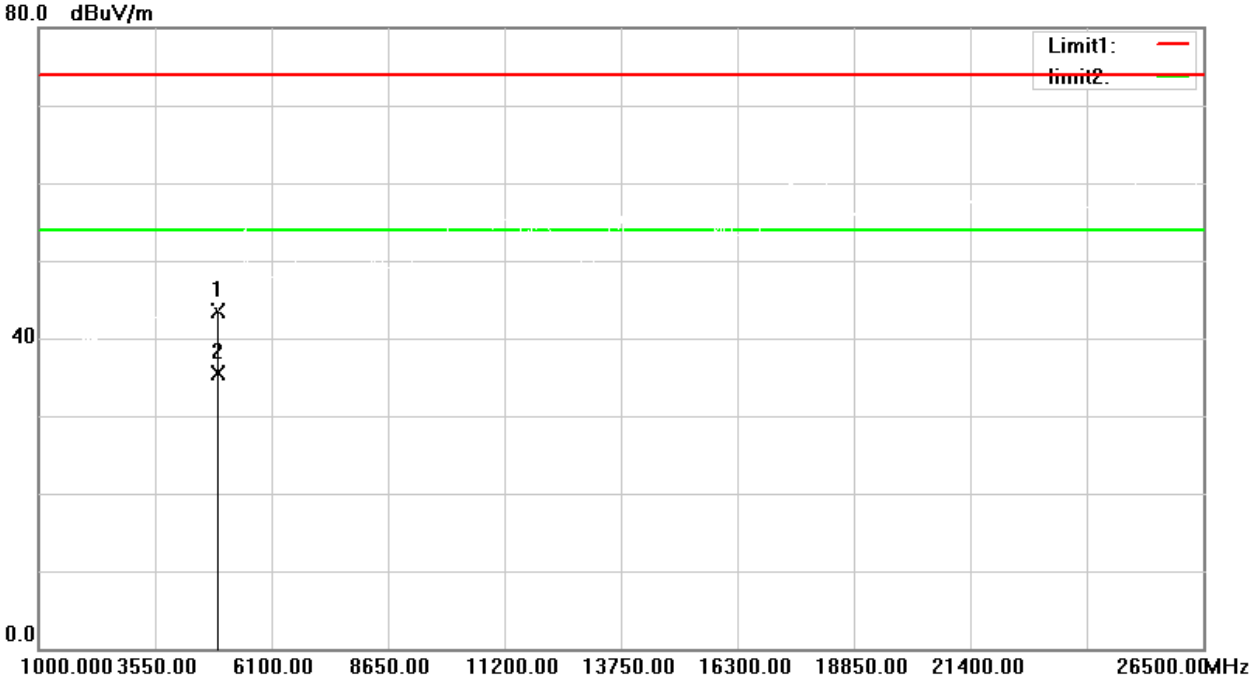
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4874.000	50.34	-7.04	43.30	74.00	-30.70	peak	150	56	
2	*	4874.000	39.80	-7.04	32.76	54.00	-21.24	AVG	150	56	

Orthogonal Axis	X
Test Mode:	TX B Mode 2462 MHz

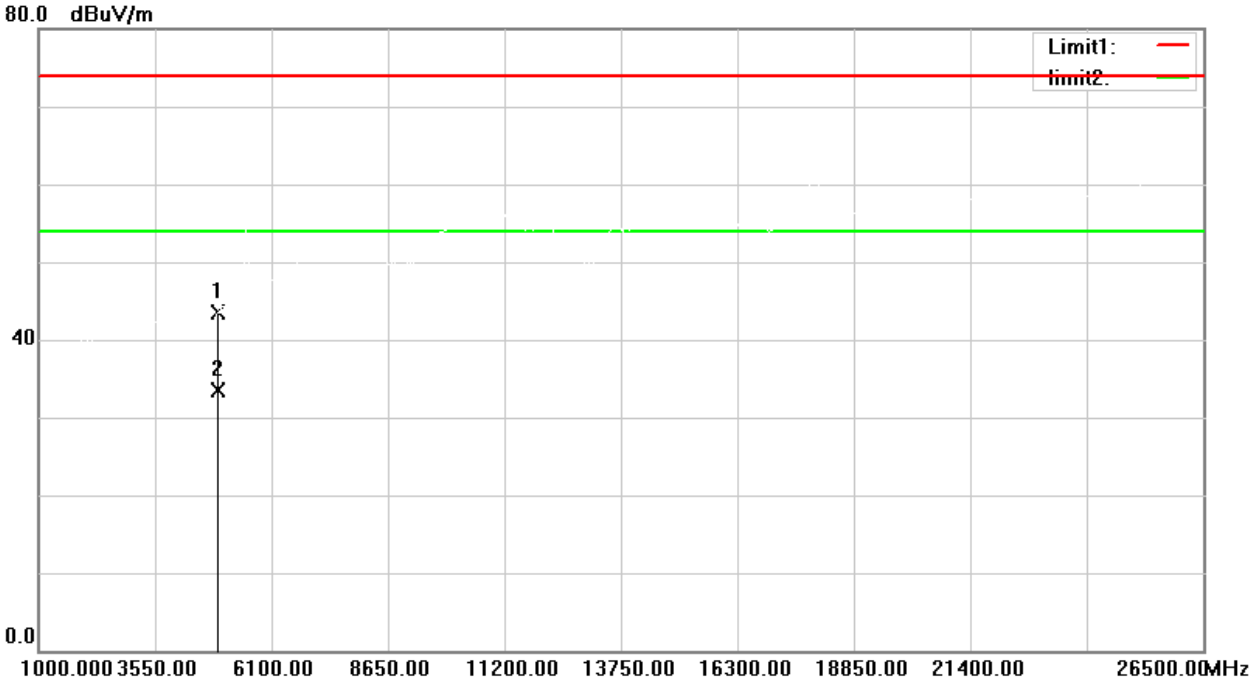
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4924.000	50.39	-6.89	43.50	74.00	-30.50	peak	150	99	
2	*	4924.000	42.38	-6.89	35.49	54.00	-18.51	AVG	150	99	

Orthogonal Axis	X
Test Mode:	TX B Mode 2462 MHz

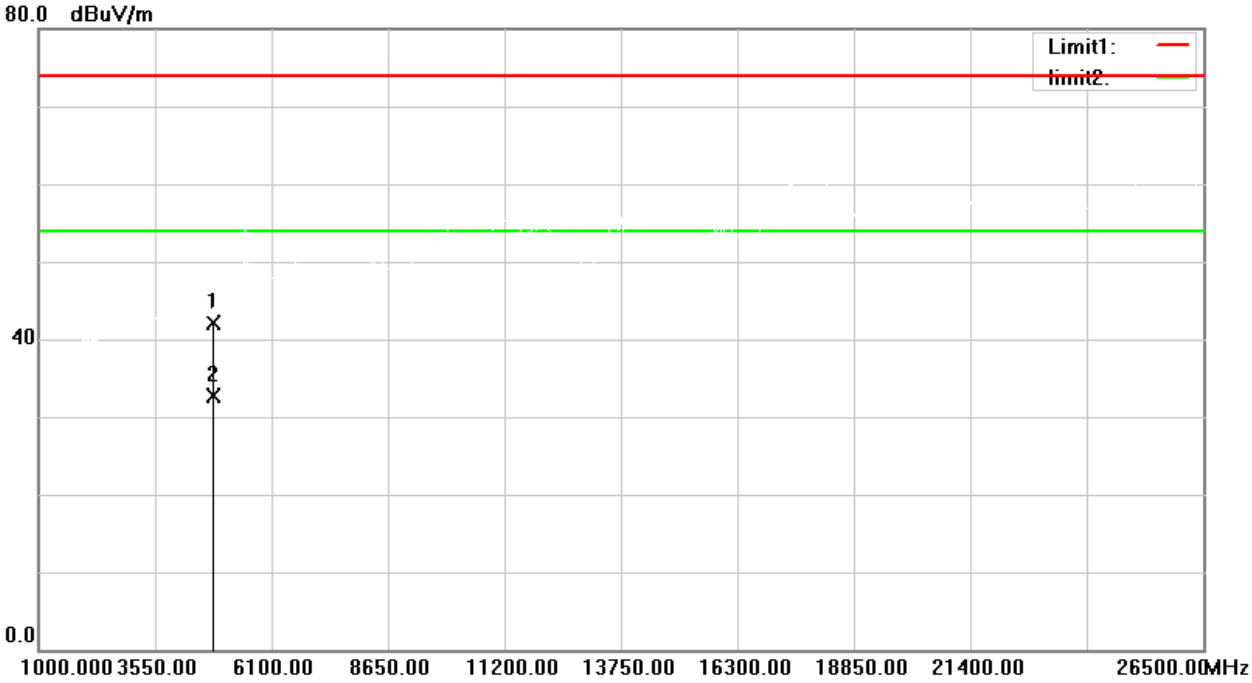
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4924.000	50.48	-6.89	43.59	74.00	-30.41	peak	150	39	
2	*	4924.000	40.38	-6.89	33.49	54.00	-20.51	AVG	150	39	

Orthogonal Axis	X
Test Mode:	TX G Mode 2412 MHz

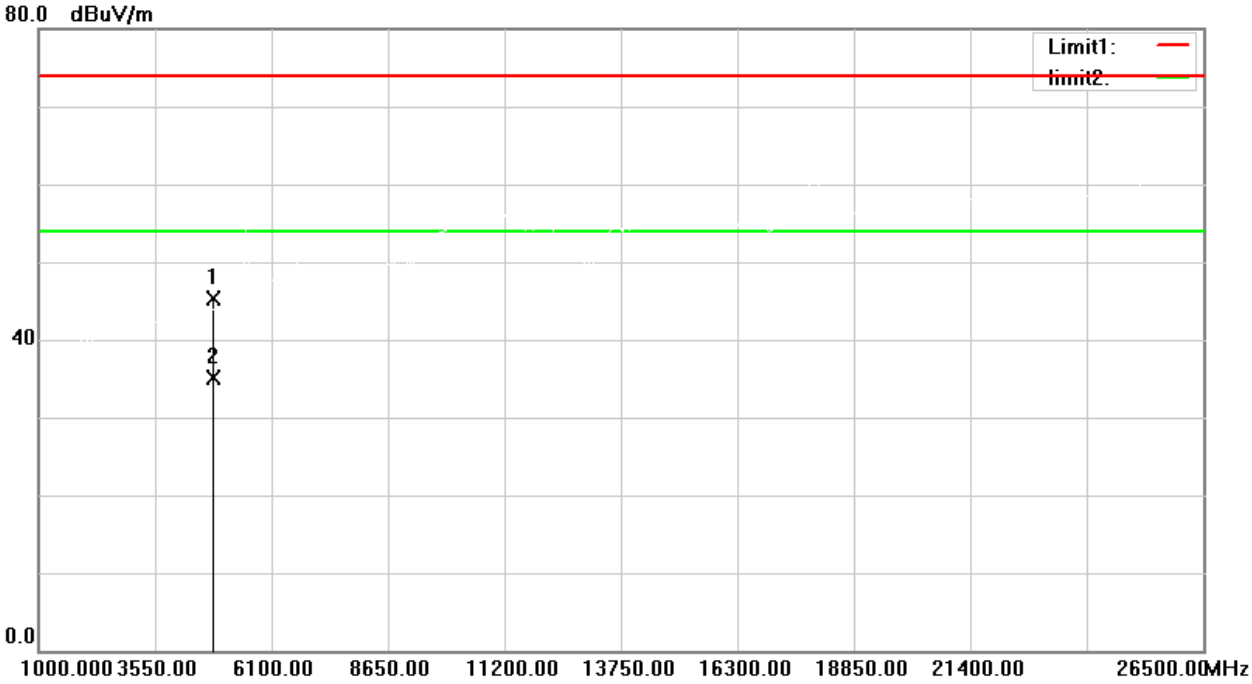
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4824.000	49.35	-7.19	42.16	74.00	-31.84	peak	150	79	
2	*	4824.000	39.94	-7.19	32.75	54.00	-21.25	AVG	150	79	

Orthogonal Axis	X
Test Mode:	TX G Mode 2412 MHz

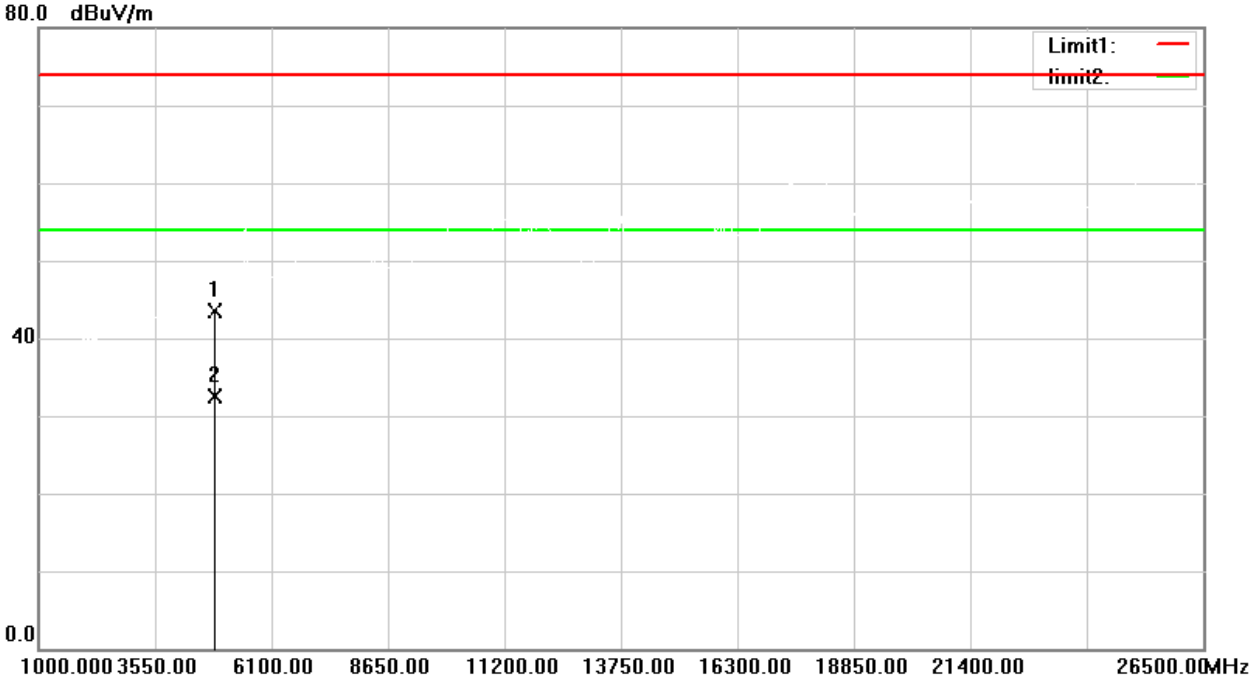
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4824.000	52.48	-7.19	45.29	74.00	-28.71	peak	150	39	
2	*	4824.000	42.35	-7.19	35.16	54.00	-18.84	AVG	150	39	

Orthogonal Axis	X
Test Mode:	TX G Mode 2437 MHz

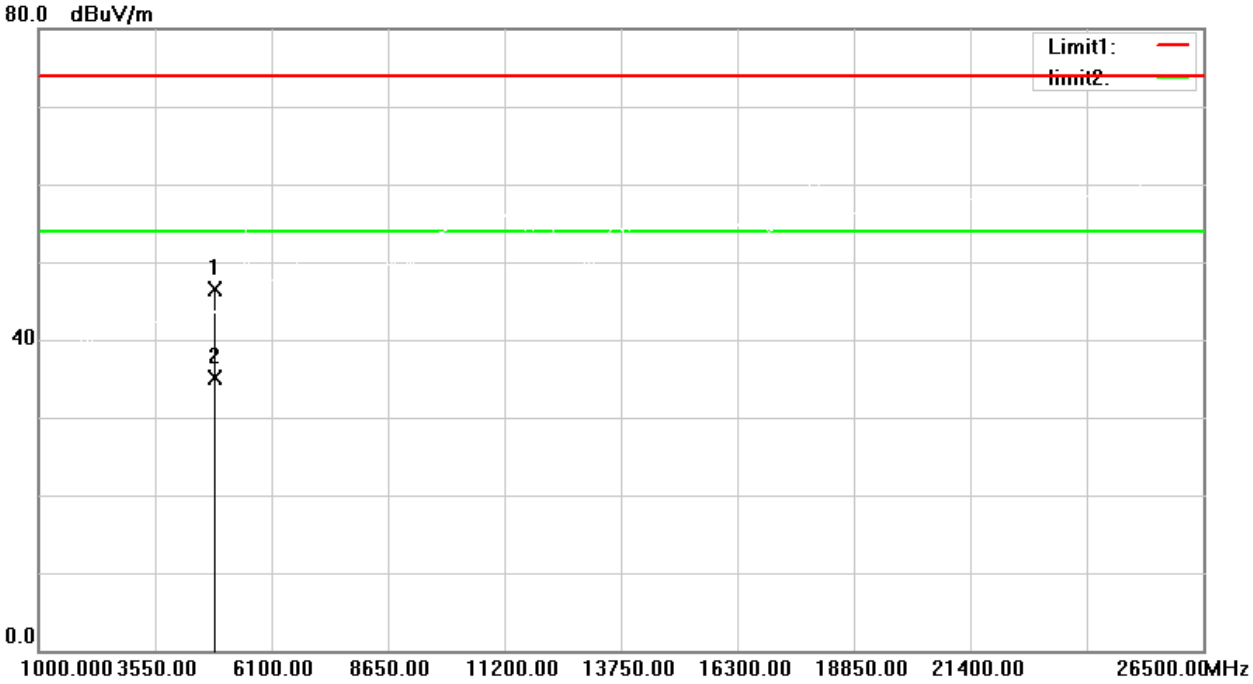
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4874.000	50.58	-7.04	43.54	74.00	-30.46	peak	150	86	
2	*	4874.000	39.62	-7.04	32.58	54.00	-21.42	AVG	150	86	

Orthogonal Axis	X
Test Mode:	TX G Mode 2437 MHz

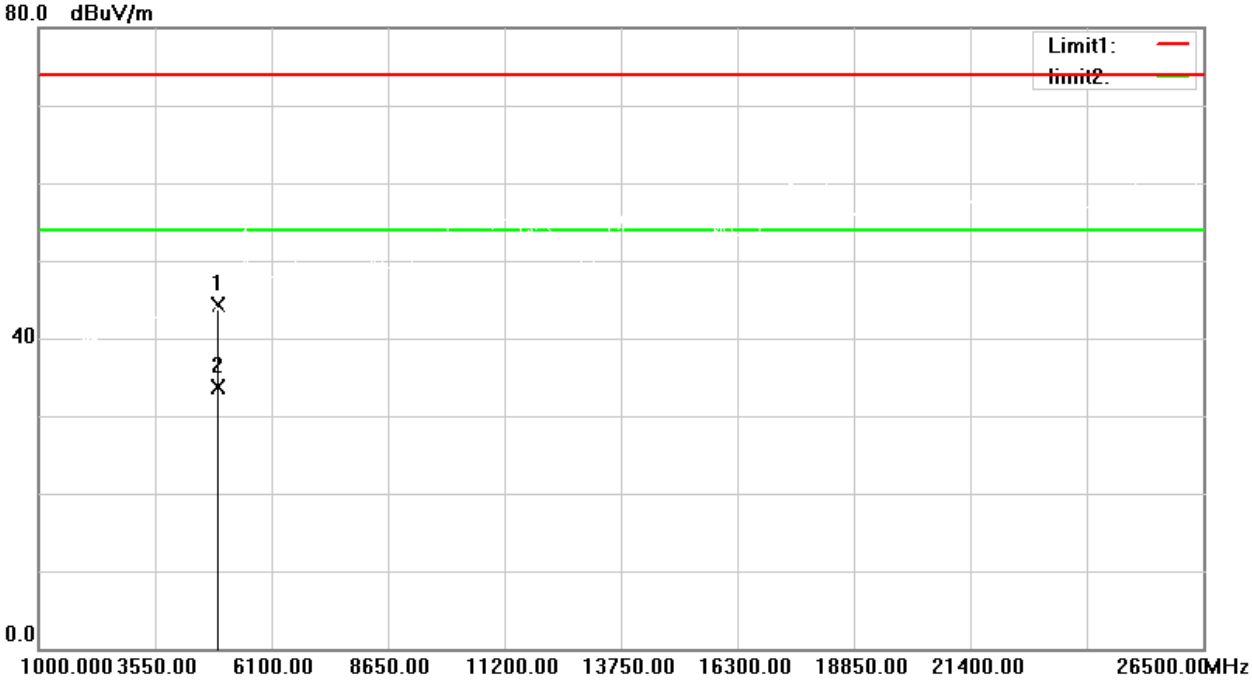
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4874.000	53.53	-7.04	46.49	74.00	-27.51	peak	150	36	
2	*	4874.000	42.23	-7.04	35.19	54.00	-18.81	AVG	150	36	

Orthogonal Axis	X
Test Mode:	TX G Mode 2462 MHz

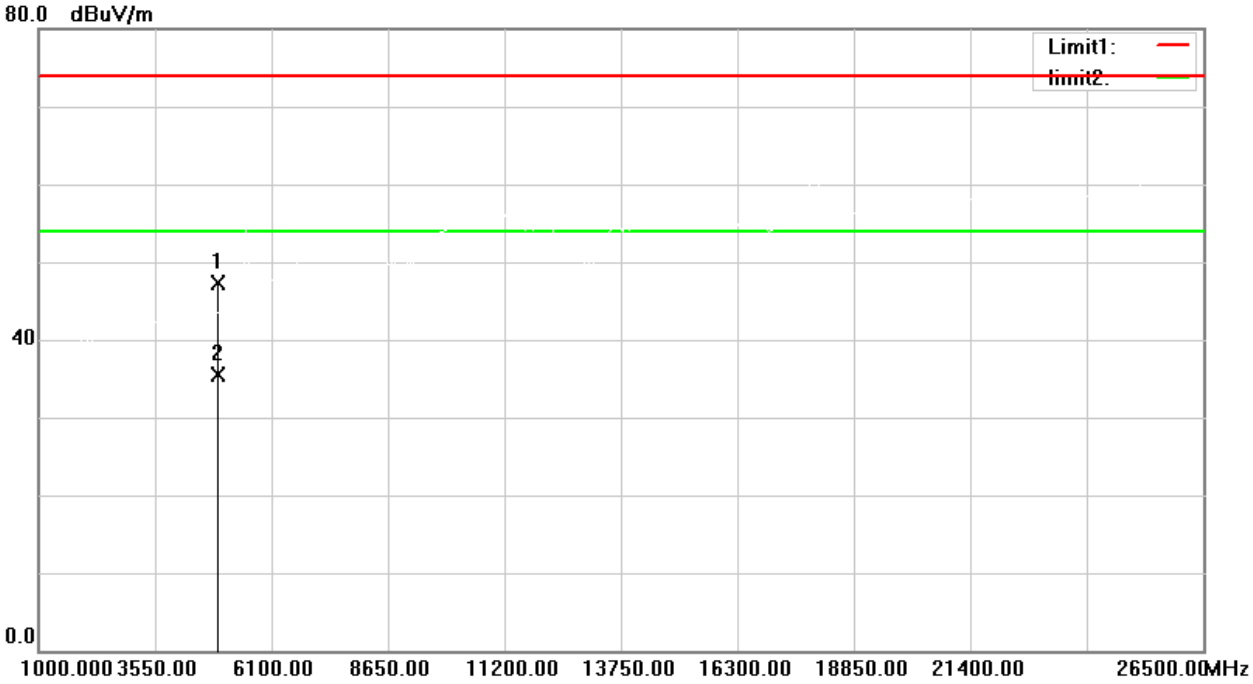
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4924.000	51.10	-6.89	44.21	74.00	-29.79	peak	150	89	
2	*	4924.000	40.58	-6.89	33.69	54.00	-20.31	AVG	150	89	

Orthogonal Axis	X
Test Mode:	TX G Mode 2462 MHz

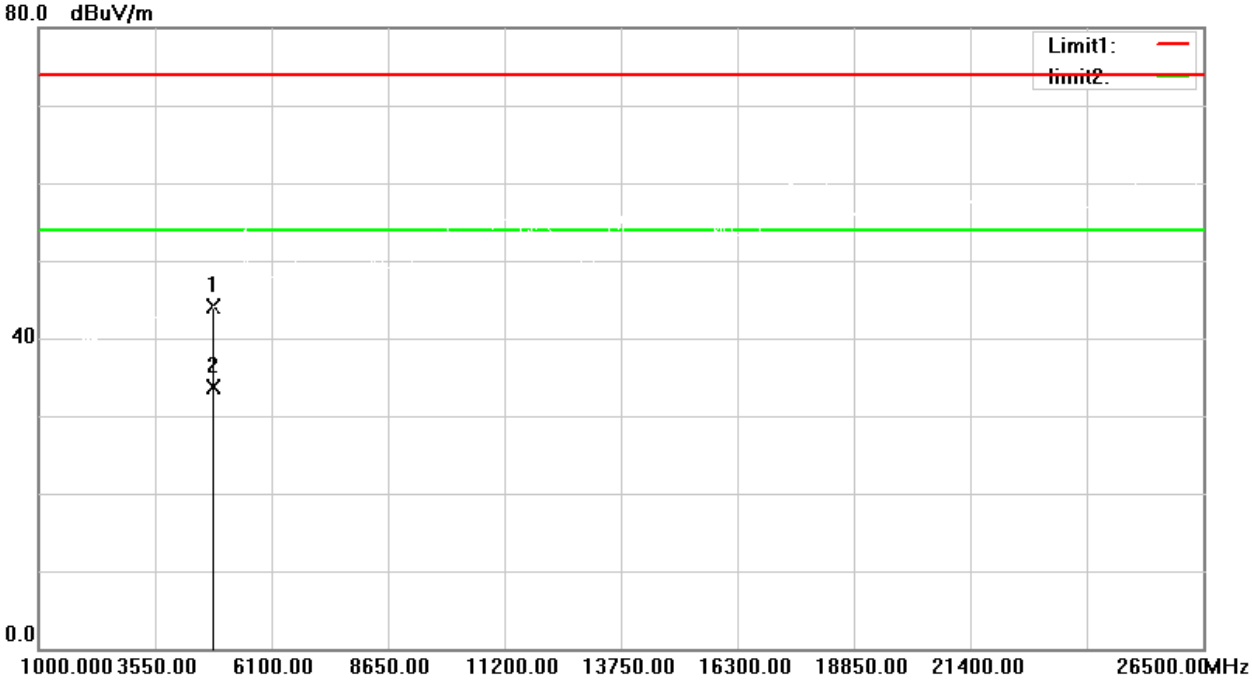
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4924.000	54.17	-6.89	47.28	74.00	-26.72	peak	150	38	
2	*	4924.000	42.36	-6.89	35.47	54.00	-18.53	AVG	150	38	

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2412 MHz

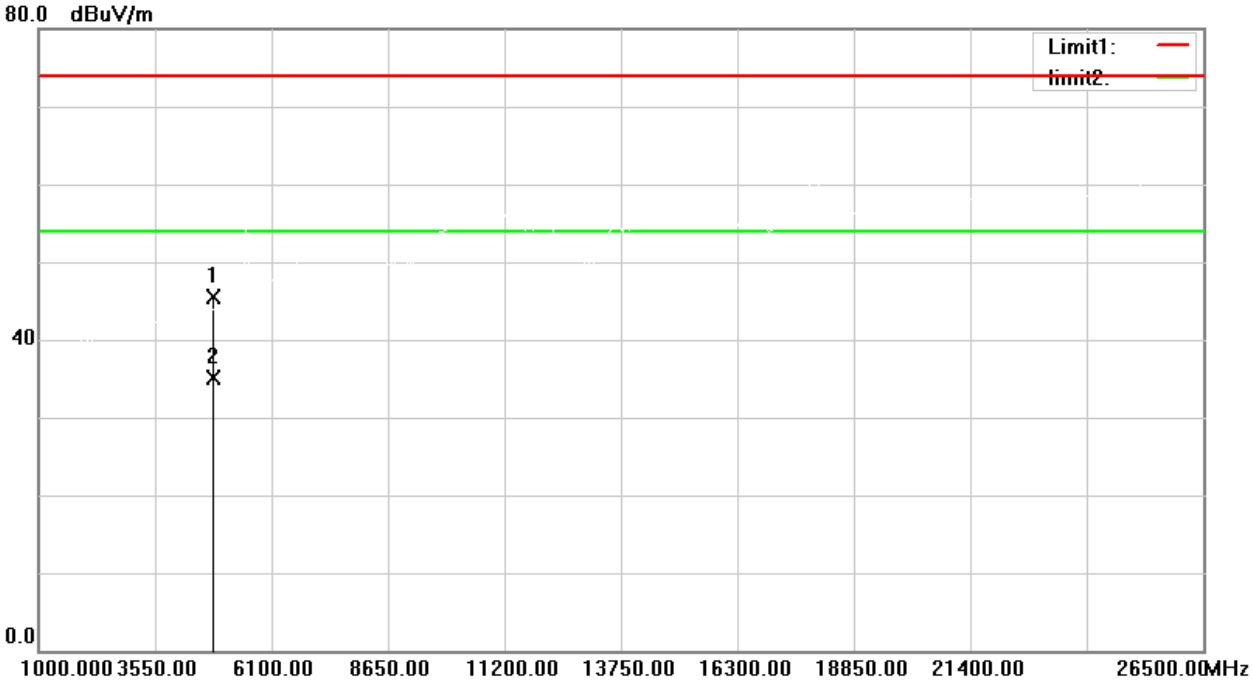
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4824.000	51.25	-7.19	44.06	74.00	-29.94	peak	150	95	
2	*	4824.000	40.86	-7.19	33.67	54.00	-20.33	AVG	150	95	

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2412 MHz

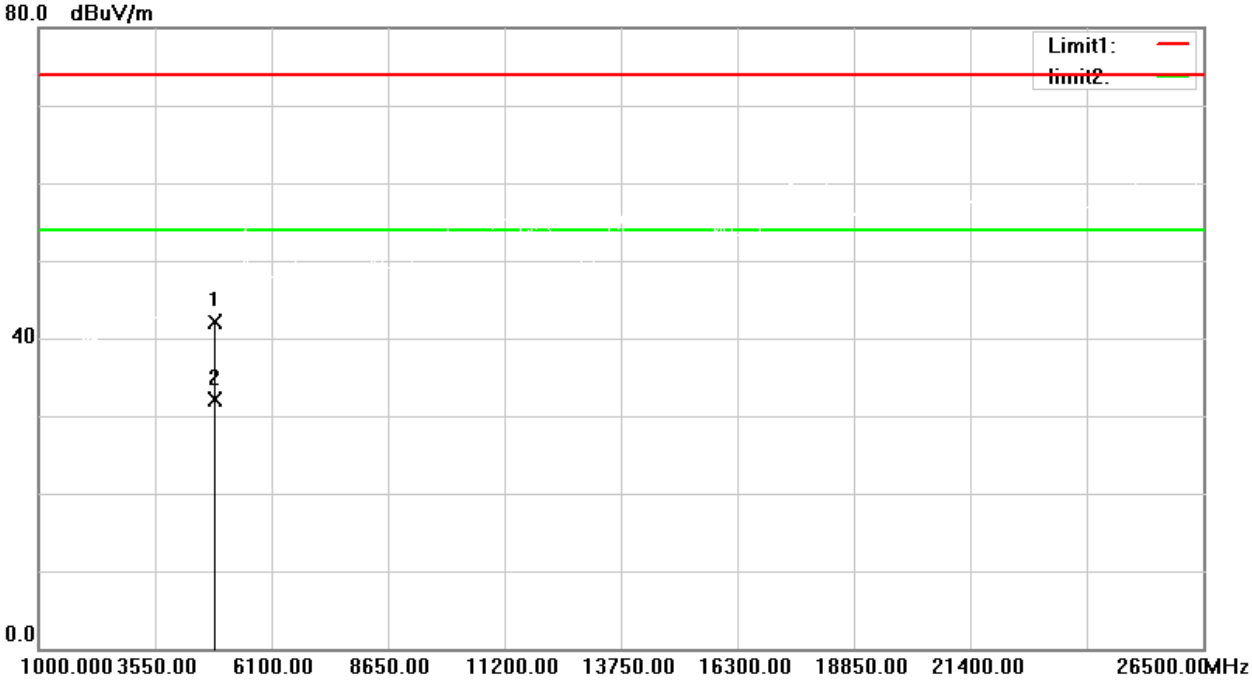
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4824.000	52.74	-7.19	45.55	74.00	-28.45	peak	150	46	
2	*	4824.000	42.30	-7.19	35.11	54.00	-18.89	AVG	150	46	

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2437 MHz

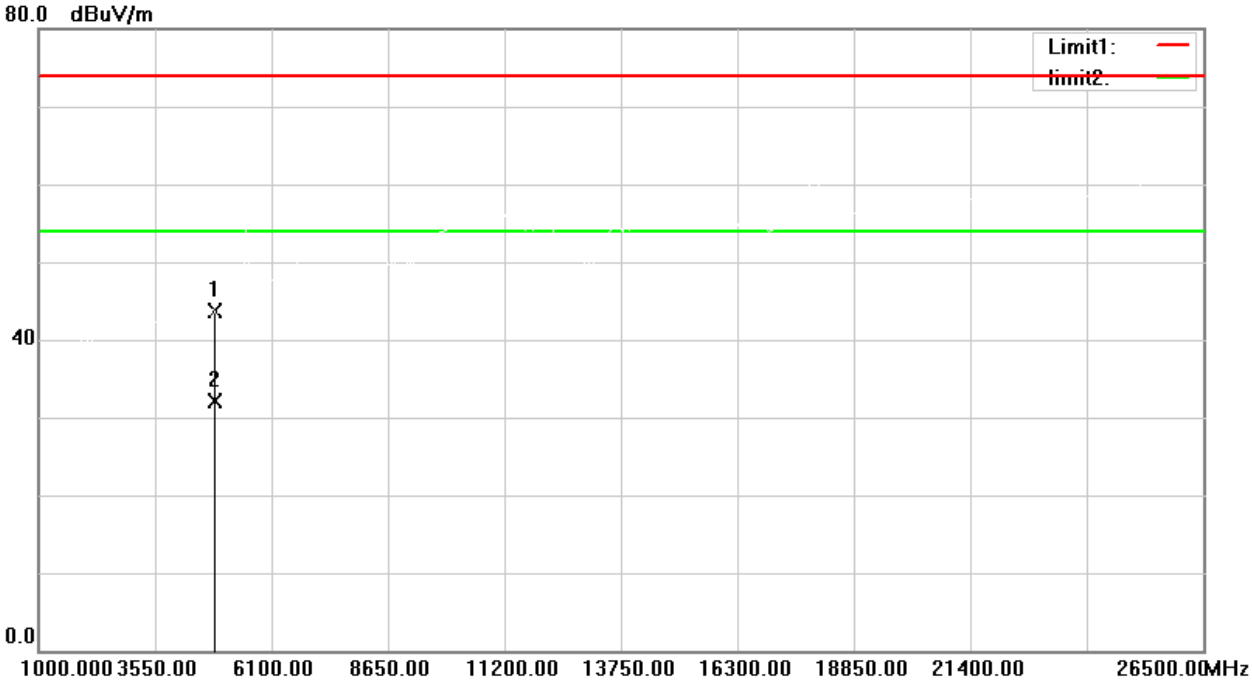
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4874.000	49.13	-7.04	42.09	74.00	-31.91	peak	150	76	
2	*	4874.000	39.19	-7.04	32.15	54.00	-21.85	AVG	150	76	

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2437 MHz

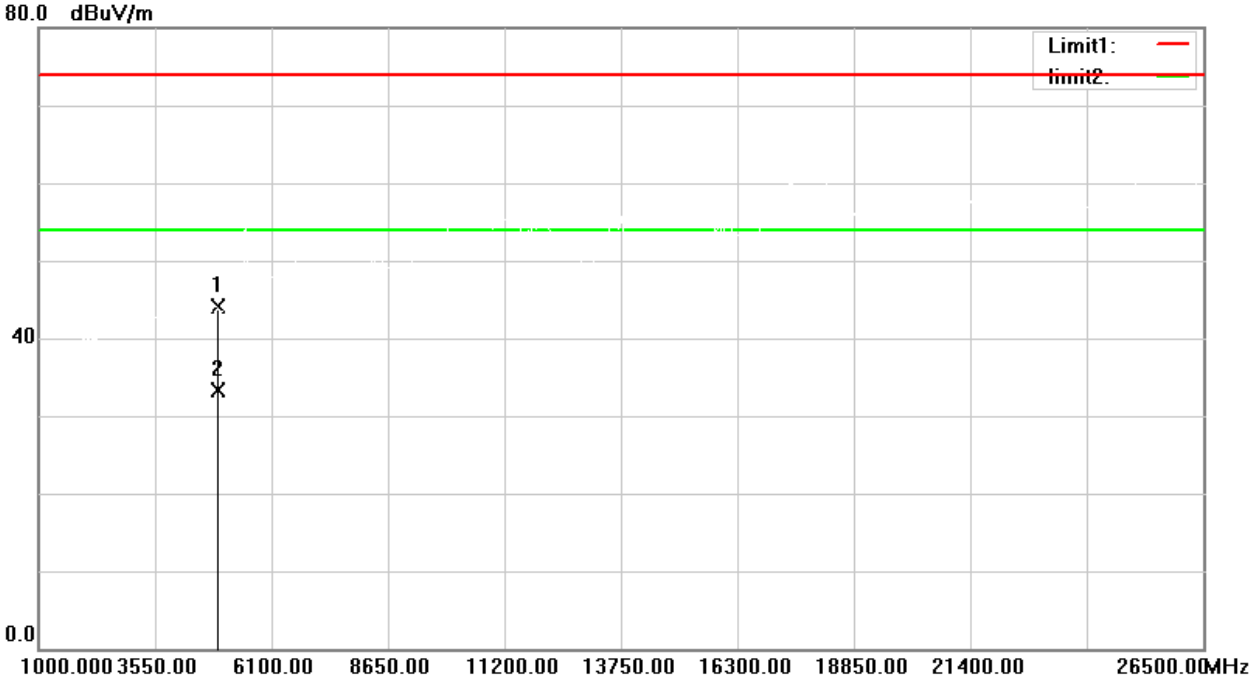
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4874.000	50.68	-7.04	43.64	74.00	-30.36	peak	150	36	
2	*	4874.000	39.10	-7.04	32.06	54.00	-21.94	AVG	150	36	

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2462 MHz

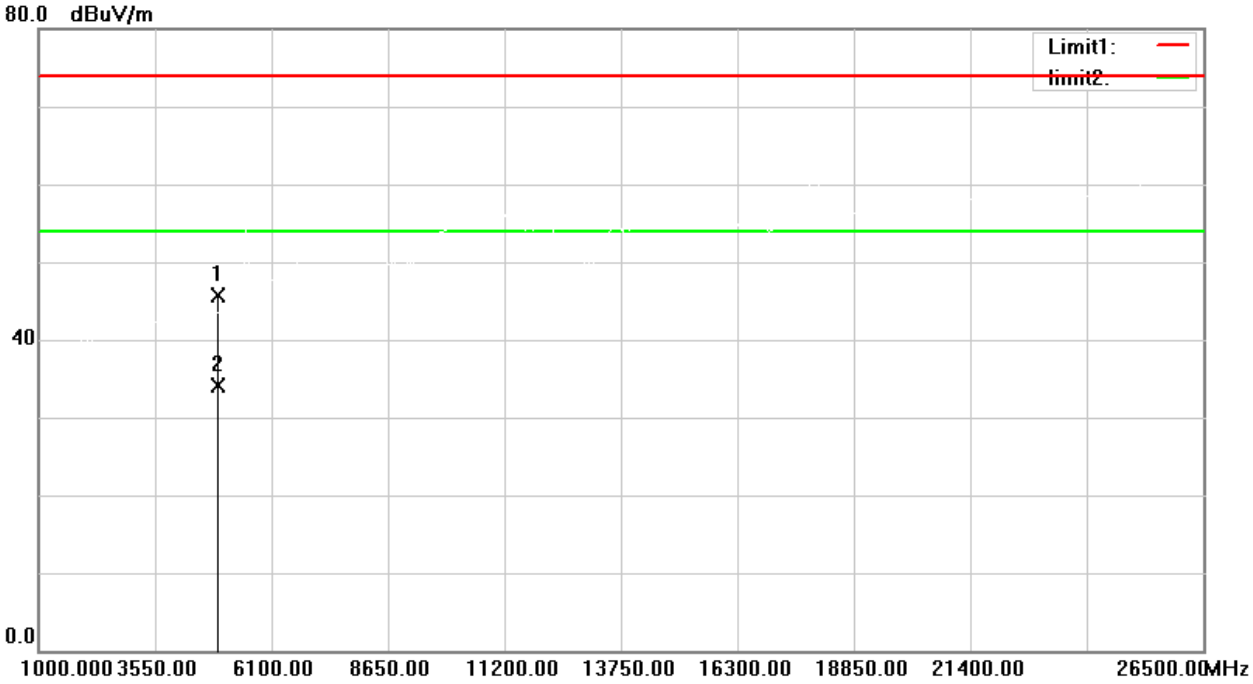
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4924.000	50.94	-6.89	44.05	74.00	-29.95	peak	150	93	
2	*	4924.000	40.13	-6.89	33.24	54.00	-20.76	AVG	150	93	

Orthogonal Axis	X
Test Mode:	TX N-20M Mode 2462 MHz

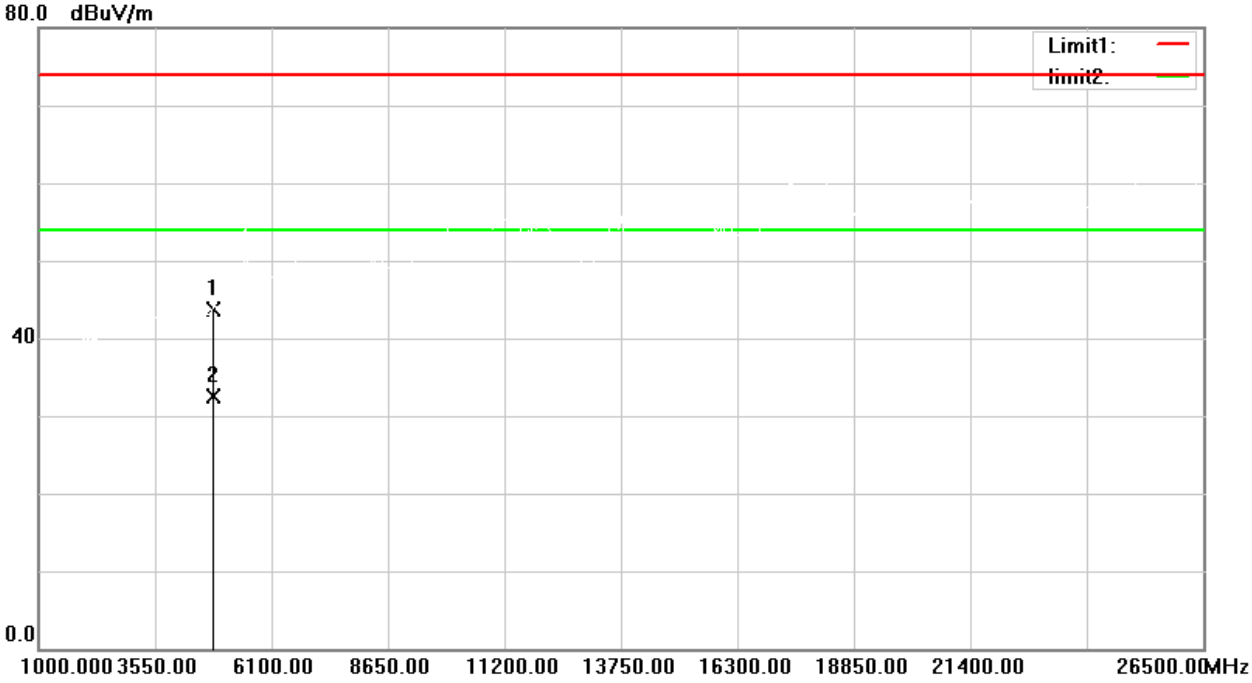
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4924.000	52.50	-6.89	45.61	74.00	-28.39	peak	150	41	
2	*	4924.000	41.08	-6.89	34.19	54.00	-19.81	AVG	150	41	

Orthogonal Axis	X
Test Mode:	TX AX-20M Mode 2412MHz

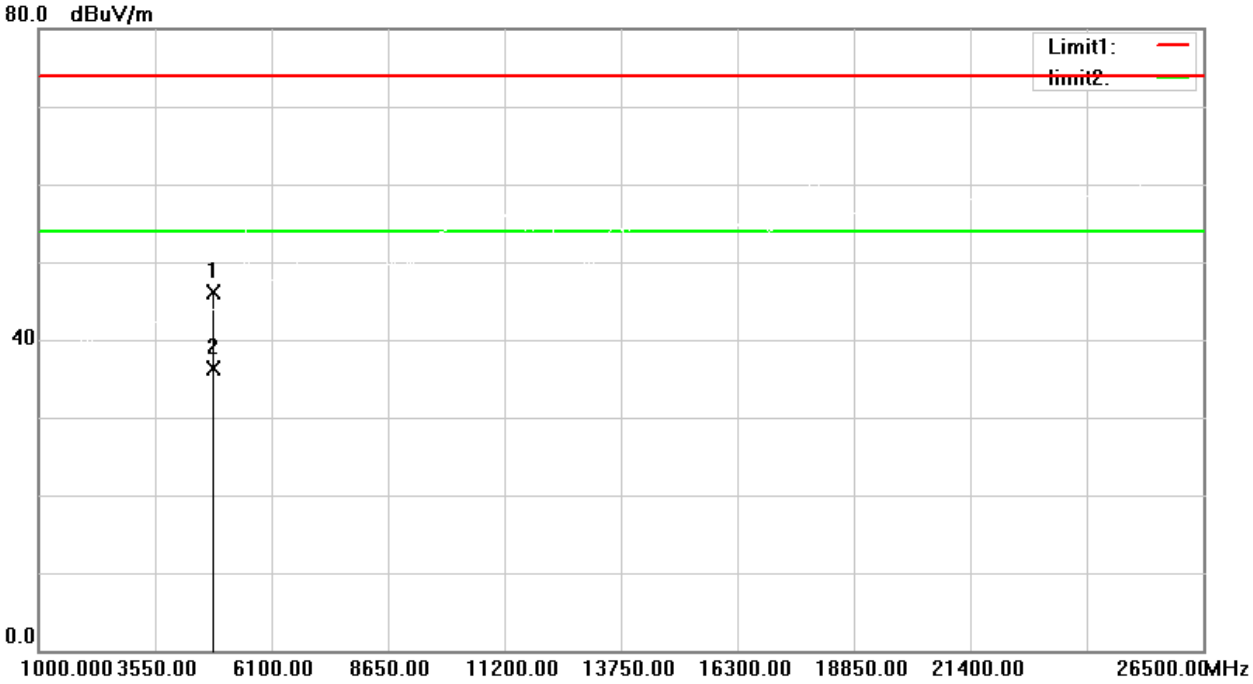
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4824.000	50.85	-7.19	43.66	74.00	-30.34	peak	150	88	
2	*	4824.000	39.60	-7.19	32.41	54.00	-21.59	AVG	150	88	

Orthogonal Axis	X
Test Mode:	TX AX-20M Mode 2412MHz

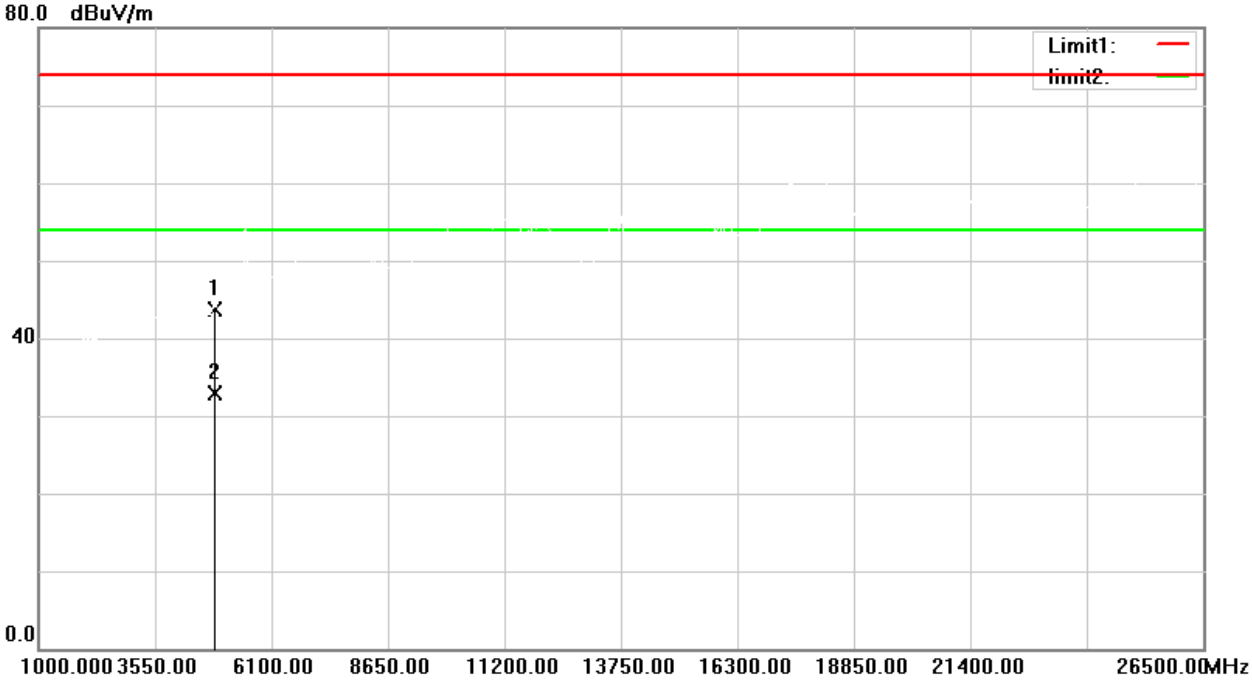
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4824.000	53.27	-7.19	46.08	74.00	-27.92	peak	150	37	
2	*	4824.000	43.48	-7.19	36.29	54.00	-17.71	AVG	150	37	

Orthogonal Axis	X
Test Mode:	TX AX-20M Mode 2437MHz

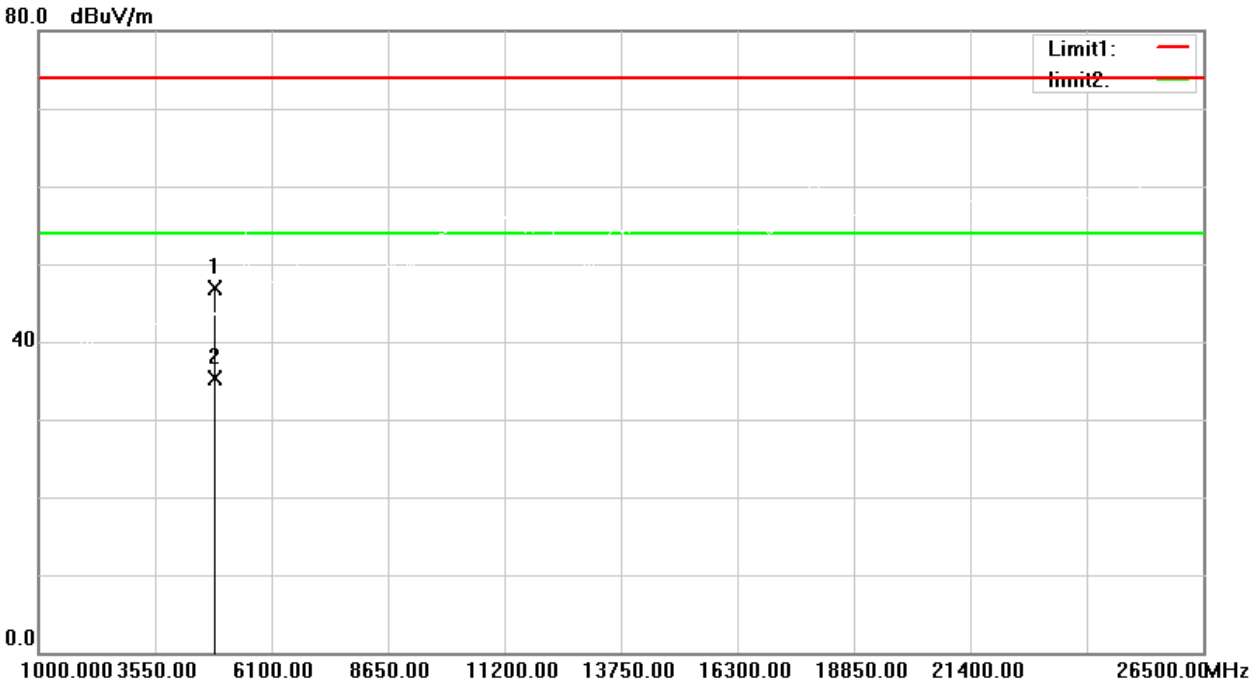
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4874.000	50.80	-7.04	43.76	74.00	-30.24	peak	150	102	
2	*	4874.000	39.92	-7.04	32.88	54.00	-21.12	AVG	150	102	

Orthogonal Axis	X
Test Mode:	TX AX-20M Mode 2437MHz

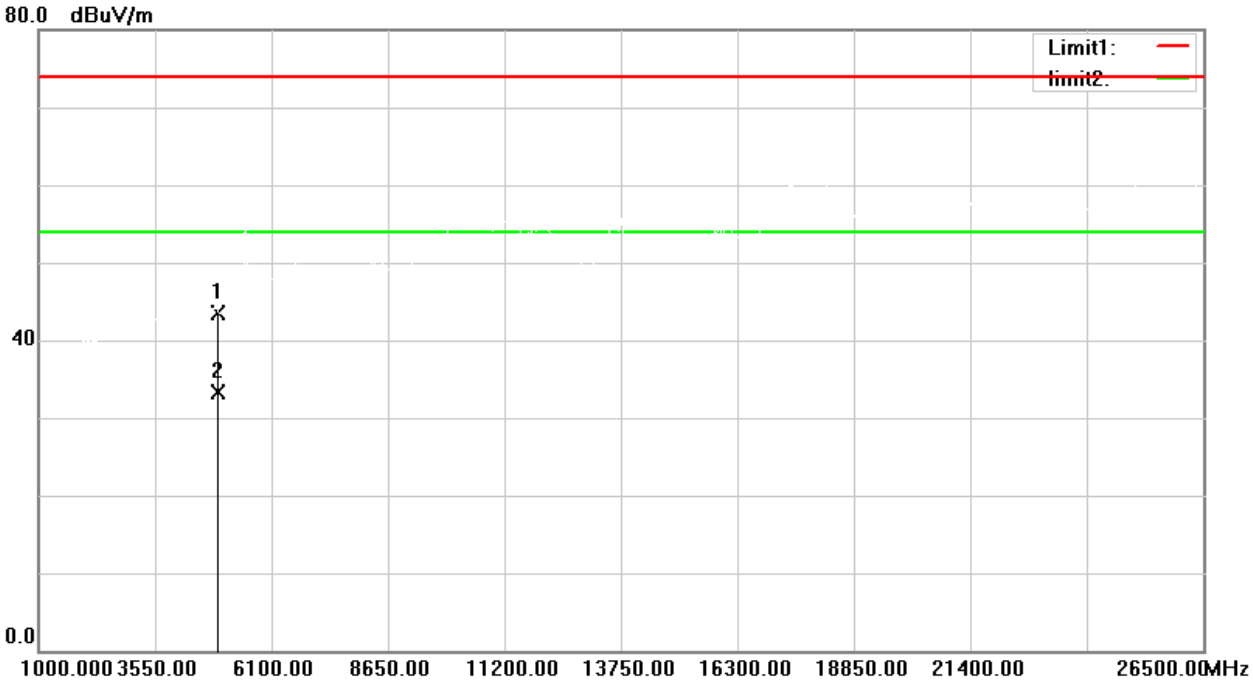
Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4874.000	54.02	-7.04	46.98	74.00	-27.02	peak	150	36	
2	*	4874.000	42.28	-7.04	35.24	54.00	-18.76	AVG	150	36	

Orthogonal Axis	X
Test Mode:	TX AX-20M Mode 2462MHz

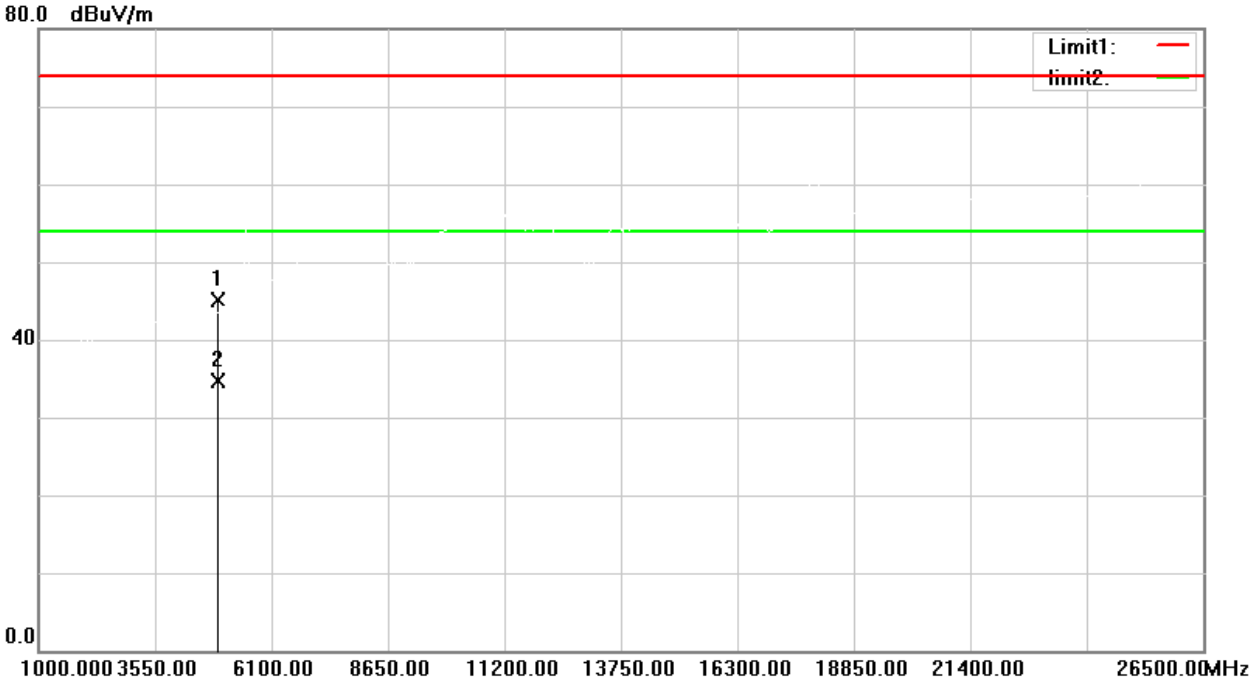
Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4924.000	50.44	-6.89	43.55	74.00	-30.45	peak	150	99	
2	*	4924.000	40.18	-6.89	33.29	54.00	-20.71	AVG	150	99	

Orthogonal Axis	X
Test Mode:	TX AX-20M Mode 2462MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dB/m	dB	Detector	cm	degree	Comment
1		4924.000	52.07	-6.89	45.18	74.00	-28.82	peak	150	46	
2	*	4924.000	41.66	-6.89	34.77	54.00	-19.23	AVG	150	46	

6. BANDWIDTH TEST

6.1 LIMIT

FCC Part15, Subpart C (15.247)&RSS-Gen and RSS-247		
Section	Test Item	Limit
15.247(a)(2) RSS-Gen6.7 RSS-247 5.2 (a)	6dB Bandwidth	Minimum 500 kHz
	99% Emission Bandwidth	-

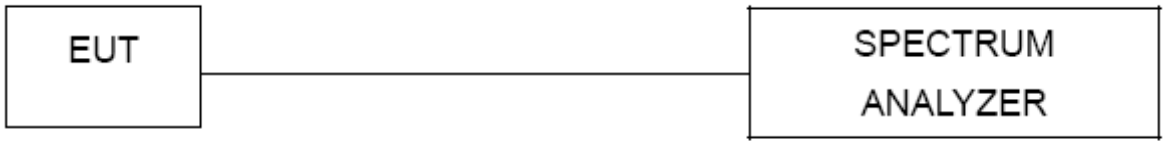
6.2 TEST PROCEDURE AND SETTING

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. For 6dB Bandwidth Spectrum setting: RBW= 100KHz, VBW=300KHz, Sweep time = 2.5ms.
For 99% OBW Spectrum Setting: RBW= 300KHz, VBW=1MHz,Sweep time = 2.5ms.
c. The bandwidth was performed in accordance with method 11.8.1 of ANSI C63.10-2013.

6.3 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum analyzer	KEYSIGHT	N9010A	MY55150427	2025/05/22
2	Attenuator	Mini-Circuits	BW-S10W2	101109	N/A
3	RF Cable	Mi-cable	C10-01-01-1	100309	N/A

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

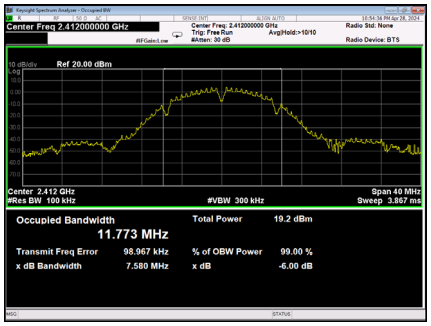
The EUT tested system was configured as the statements of 4.5 unless otherwise a special operating condition is specified in the follows during the testing.

6.6 TESTRESULTS

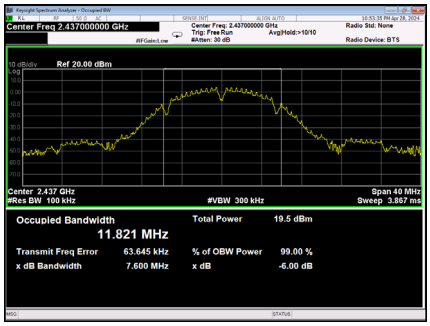
TX B Mode					
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
01	2412	11.773	11.826	500	PASS
06	2437	11.821	11.858	500	PASS
11	2462	11.918	11.897	500	PASS

6dB

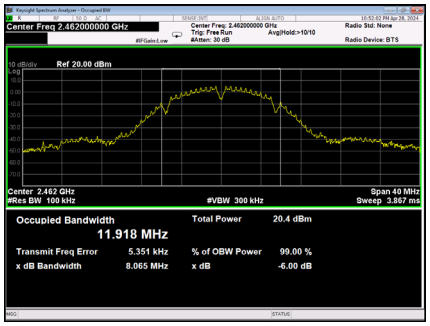
CH01



CH06

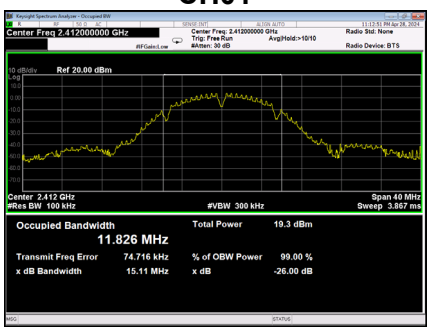


CH11

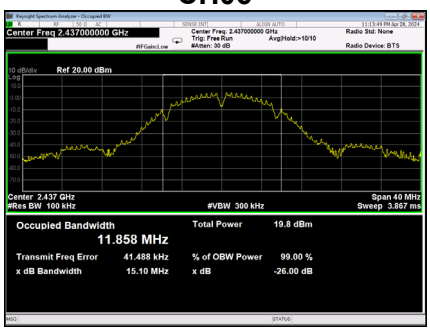


99%

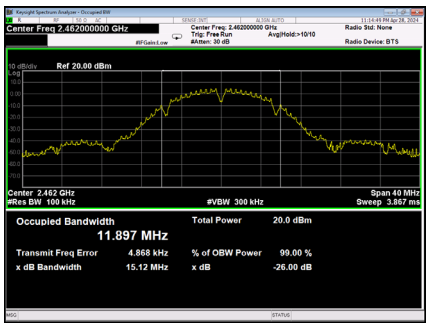
CH01



CH06



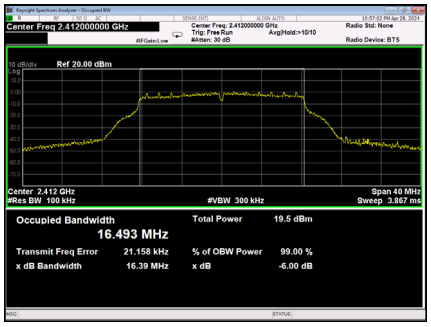
CH11



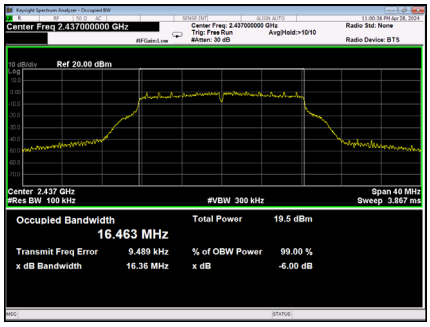
TX G Mode					
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
01	2412	16.493	16.474	500	PASS
06	2437	16.463	16.481	500	PASS
11	2462	16.484	16.486	500	PASS

6dB

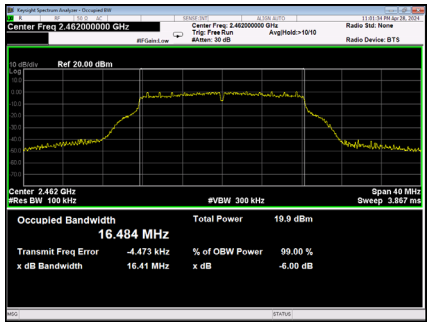
CH01



CH06

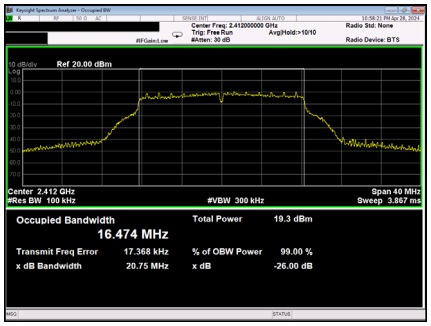


CH11

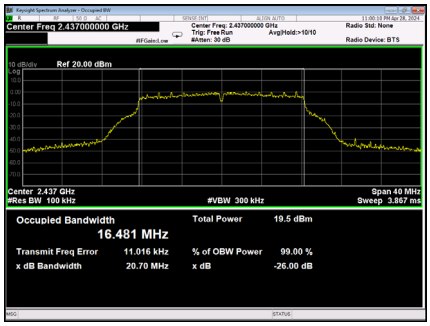


99%

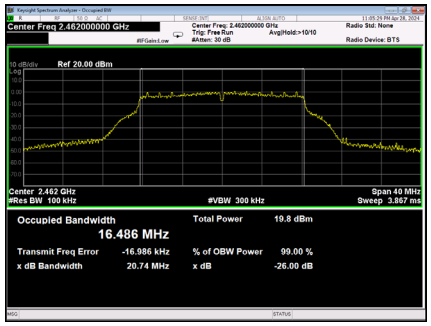
CH01



CH06



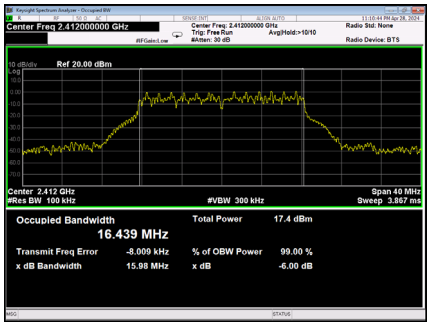
CH11



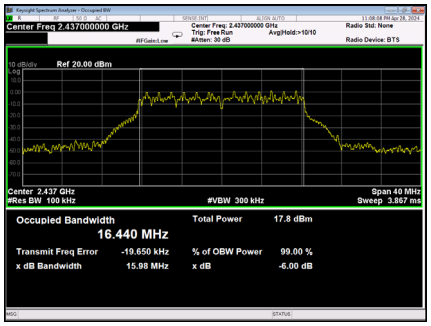
TX N (HT20) Mode					
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	99% Emission Bandwidth(MHz)	6dB Bandwidth Min. Limit(kHz)	Result
01	2412	16.439	16.441	500	PASS
06	2437	16.440	16.440	500	PASS
11	2462	16.441	16.441	500	PASS

6dB

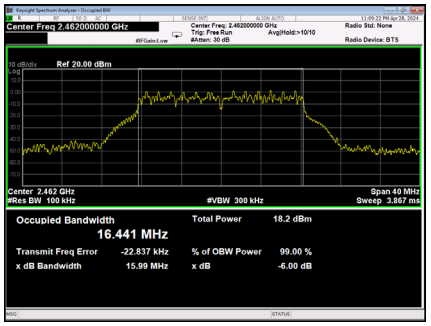
CH01



CH06

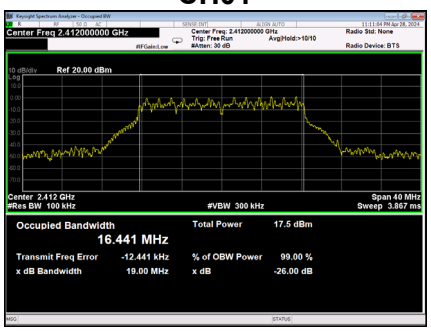


CH11

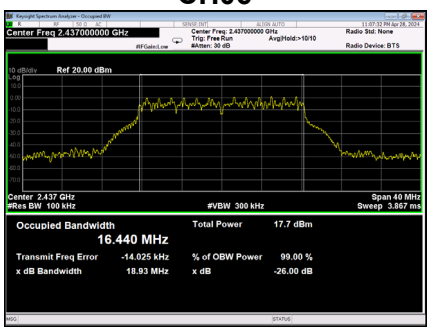


99%

CH01



CH06



CH11