

FCC Radio Test Report

FCC ID: QISAGS2-L03

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

Project No. : 1808C216
Equipment : HUAWEI MediaPad T5
Test Model : AGS2-L03
Series Model : N/A
Applicant : Huawei Technologies Co., Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C

Date of Receipt : Aug. 24, 2018
Date of Test : Aug. 27, 2018 ~ Sep. 07, 2018
Issued Date : Sep. 12, 2018
Tested by : BTL Inc.

Testing Engineer : Paul Li
(Paul Li)

Technical Manager : David Mao
(David Mao)

Authorized Signatory : Steven Lu
(Steven Lu)

B T L I N C .

No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

TEL: +86-769-8318-3000 FAX: +86-769-8319-6000



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BTL'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. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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The information, data and test plan are provided by manufacturer, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements in all the possible configurations as representative of its intended use.

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
BTL-FCCP-2-1808C216	Original Issue.	Sep. 12, 2018

1. CERTIFICATION

Equipment : HUAWEI MediaPad T5
Brand Name : HUAWEI
Test Model : AGS2-L03
Series Model : N/A
Applicant : Huawei Technologies Co., Ltd.
Manufacturer : Huawei Technologies Co., Ltd.
Address : Administration Building, Headquarters of Huawei Technologies Co., Ltd.,
Bantian, Longgang District, Shenzhen, 518129, P.R.C
Factory : Huawei Technologies Co., Ltd.
Address : Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang
District, Shenzhen, 518129, P.R.C
Date of Test : Aug. 27, 2018 ~ Sep. 07, 2018
Test Sample : Engineering Sample No.: D180807232 for conducted, D180807229 for
radiated.
Standard(s) : FCC Part15, Subpart C (15.247)
ANSI C63.10-2013

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

The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1808C216) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of NVLAP according to the ISO-17025 quality assessment standard and technical standard(s).

Test results included in this report is only for the Bluetooth LE part.

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15 (15.247) , Subpart C			
Standard(s) Section	Test Item	Judgment	Remark
15.207	Conducted Emission	PASS	
15.247(d)	Antenna conducted Spurious Emission	PASS	
15.247(a)(2)	6 dB Bandwidth	PASS	
15.247(b)(3)	Maximum Output Power	PASS	
15.247(e)	Power Spectral Density	PASS	
15.203	Antenna Requirement	PASS	
15.247(d) 15.205 15.209	Transmitter Radiated Emissions	PASS	

Note:

(1) "N/A" denotes test is not applicable to this device.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.

BTL's test firm number for FCC: 854385

BTL's designation number for FCC: CN5020

2.2 MEASUREMENT UNCERTAINTY

The measurement uncertainty figures shall be calculated according the methods described in the ETSI TR 100 028 and shall correspond to an expansion factor (coverage factor) $k=1.96$ or $k=2$ (which provide confidence levels of respectively 90% and 95.45% in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian)). Measurement Uncertainty for a Level of Confidence of 95 %, $U=2xUc(y)$.

The BTL measurement uncertainty as below table:

A. Conducted Measurement:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150 kHz ~ 30 MHz	2.32

B. Radiated Measurement:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9 kHz ~ 30 MHz	V	3.79
		9 kHz ~ 30 MHz	H	3.57
		30 MHz ~ 200 MHz	V	3.82
		30 MHz ~ 200 MHz	H	3.78
		200 MHz ~ 1,000 MHz	V	4.10
		200 MHz ~ 1,000 MHz	H	4.06
		1 GHz ~ 18 GHz	V	3.12
		1 GHz ~ 18 GHz	H	3.68
		18 GHz ~ 40 GHz	V	4.15
18 GHz ~ 40 GHz	H	4.14		

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	HUAWEI MediaPad T5	
Brand Name	HUAWEI	
Test Model	AGS2-L03	
Series Model	N/A	
Model Difference(s)	N/A	
Software Version	A6t6e	
Hardware Version	AGS2-L03 8.0.0.20(C605)	
Product Description	Operation Frequency	2402 MHz ~2480 MHz
	Modulation Technology	GFSK(1Mbps)
	Bit Rate of Transmitter	
	Output Power (Max.)	8.33 dBm (1Mbps)
Power Source	1# DC voltage supplied from AC/DC adapter. Model: HW-050100U01 2# Supplied from battery. Model: HB2899C0ECW-C	
Power Rating	1# I/P: 100-240V~,50/60Hz,0.2A O/P: DC 5V, 1A 2# DC 3.82V, 4980mAh	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.
2. The EUT contains following accessory devices.

Item	Manufacturer	Factory	Description
Adapter	Huawei Technologies Co., Ltd.	HUIZHOU BYD ELECTRONIC CO., LTD.	PDM Number: 02220780 Model Name: HW-050100U01 Input Voltage : 100-240V ~50/60Hz, 0.2A Output Voltage: DC 5V,1A (The EU and US adapter are the same PCB board of same factory)
		Shenzhen Huntkey Electric Co., Ltd.	
		DONG GUAN PHITEK ELECTRONICS CO., LTD.	
Battery	Huawei Technologies Co.,Ltd.	SCUD (FUJIAN) Electronics Co., Ltd	PDM Number: 24022744 Model Name: HB2899C0ECW-C Rated Voltage: DC 3.82V Rated Capacity: 4980mAh
USB Cable	Huawei Technologies Co.,Ltd.	FOXCONN INTERCONNECT TECHNOLOGY LIMITED	Model Name: 04071002
		HONGLIN TECHNOLOGY CO.,LTD	
		Luxshare Precision Industry Co., Ltd.	

2. Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
00	2402	20	2442
01	2404	21	2444
02	2406	22	2446
03	2408	23	2448
04	2410	24	2450
05	2412	25	2452
06	2414	26	2454
07	2416	27	2456
08	2418	28	2458
09	2420	29	2460
10	2422	30	2462
11	2424	31	2464
12	2426	32	2466
13	2428	33	2468
14	2430	34	2470
15	2432	35	2472
16	2434	36	2474
17	2436	37	2476
18	2438	38	2478
19	2440	39	2480

3. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	HUAWEI	N/A	Internal	N/A	0.1

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 Mode	Description
Mode 1	TX Mode NOTE (1)

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 1	TX Mode

For Radiated Test	
Final Test Mode	Description
Mode 1	TX Mode NOTE (1)

Note:

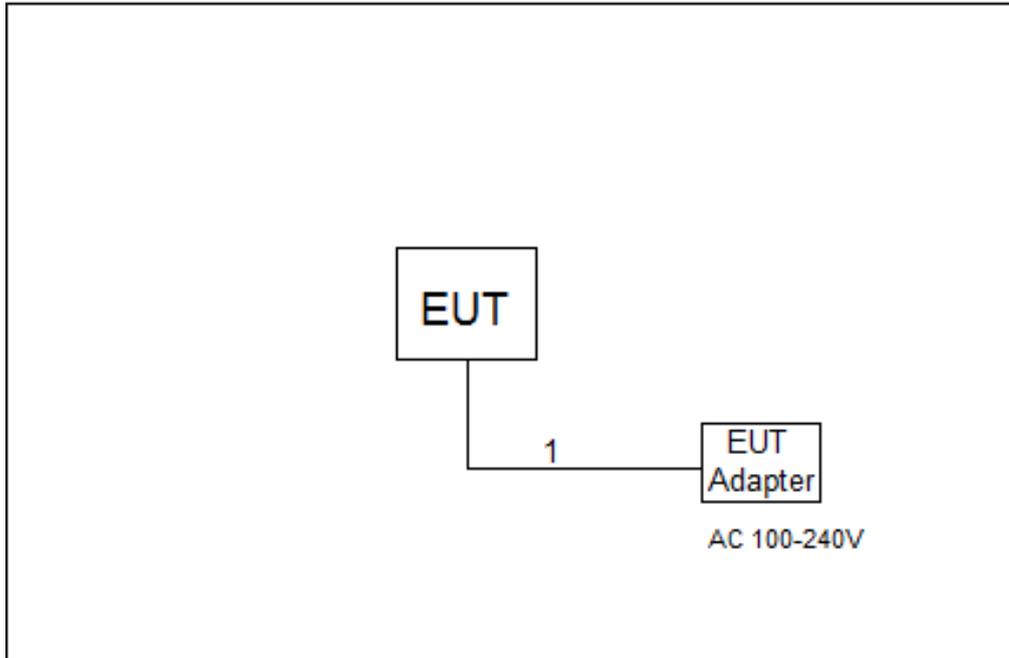
- (1) Radiated Emissions of middle channel is performed and Band edge of high and low channels are performed.

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 power parameters of BT LE

Test Software Version	BluetoothRfTest_APK_7.0		
Frequency (MHz)	2402	2440	2480
BT LE	N/A	N/A	N/A

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.
-	-	-	-	-	-

Item	Shielded Type	Ferrite Core	Length	Note
1	NO	NO	1.2m	DC Cable

4. EMC EMISSION TEST

4.1 CONDUCTED EMISSION MEASUREMENT

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

Frequency of Emission (MHz)	Conducted Limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Note:

- (1) The limit of " * " decreases with the logarithm of the frequency
- (2) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor(if use)
 Margin Level = Measurement Value - Limit Value

The following table is the setting of the receiver

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

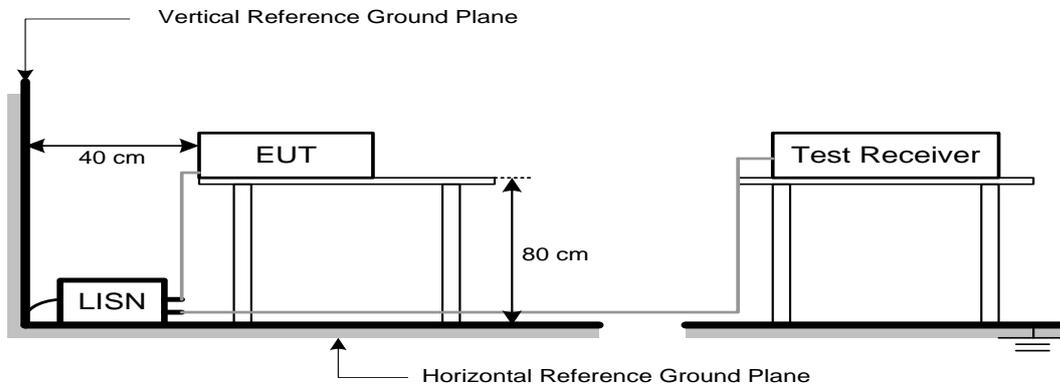
4.1.2 TEST PROCEDURE

- 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.
- 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.

4.1.6 EUT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

4.1.7 TEST RESULTS

Please refer to the Appendix 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 150 kHz to 30 MHz.
- (3) “N/A” denotes test is not applicable to this device.

4.2 RADIATED EMISSION MEASUREMENT

4.2.1 RADIATED EMISSION LIMITS

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

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

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
960 ~ 1000	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Band edge at 3m (dB μ V/m)		Harmonic at 1.5m (dB μ V/m)	
	Peak	Average	Peak	Average
Above 1000	74	54	80 (Note 5)	60 (Note 5)

Note:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dB μ V/m)=20log Emission level (uV/m).
- (4) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
 Margin Level = Measurement Value - Limit Value

(5)

$$FS_{\text{limit}} = FS_{\text{max}} - 20 \log \left(\frac{d_{\text{limit}}}{d_{\text{measure}}} \right)$$

$$20 \log d_{\text{limit}}/d_{\text{measure}} = 20 \log 3/1.5 = 6 \text{ dB.}$$

Spectrum Parameter	Setting
Attenuation	Auto
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	RBW 1 MHz VBW 3 MHz peak detector for Pk value RMS detector for AV value

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	30 MHz~1000 MHz for QP detector

4.2.2 TEST PROCEDURE

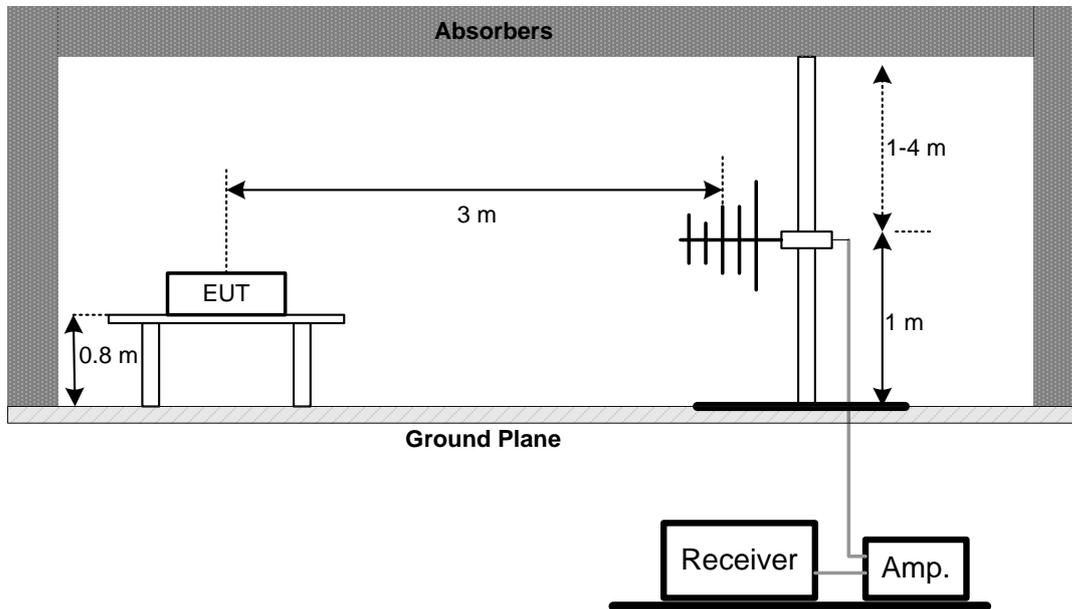
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
- b. The measuring distance of 3 m or 1.5m 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 1 GHz.
- 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 1 GHz)
- 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 1 GHz)
- i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

4.2.3 DEVIATION FROM TEST STANDARD

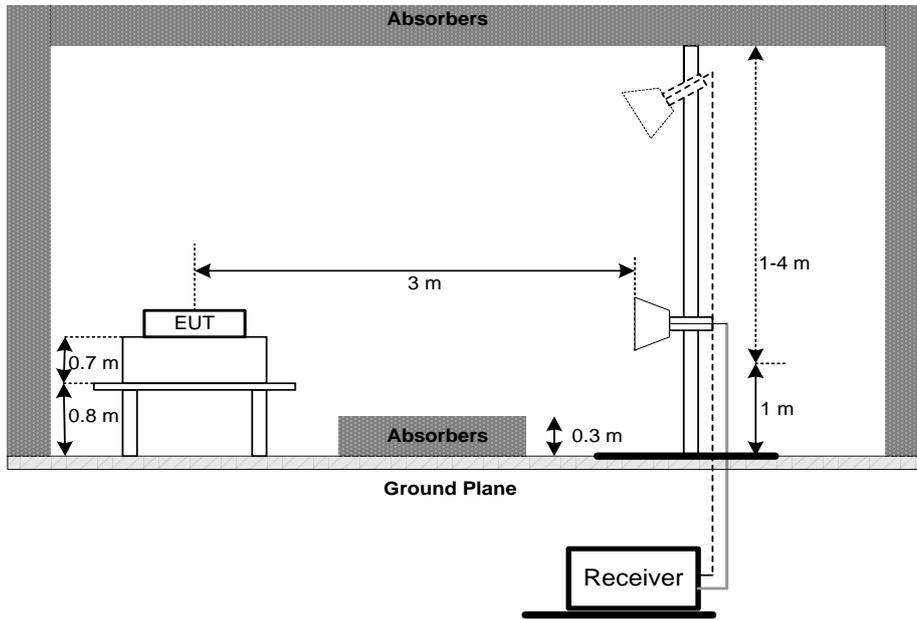
No deviation

4.2.4 TEST SETUP

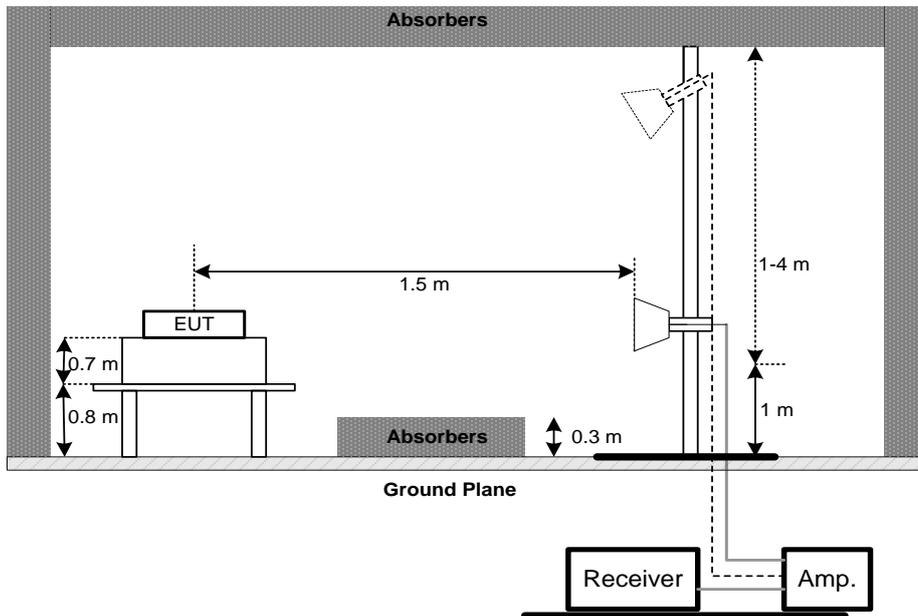
(A) Radiated Emission Test Set-Up Frequency 30 MHz-1000 MHz



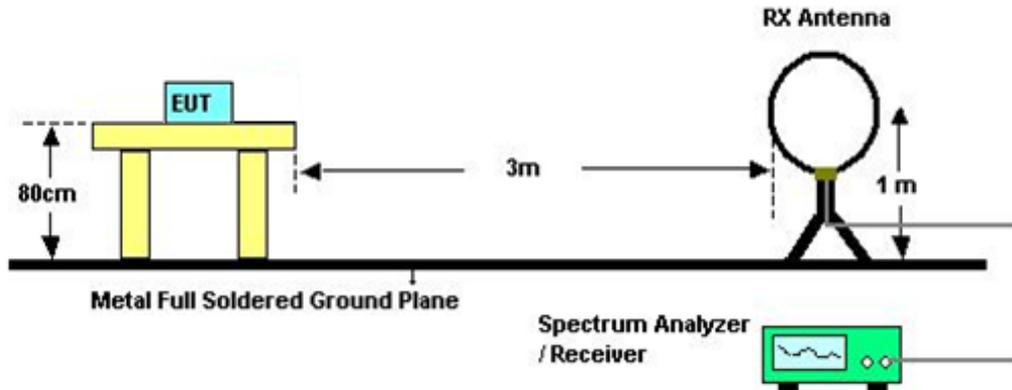
(B) Radiated Emission Test Set-Up Frequency Above 1 GHz
Band edge



Harmonic



(C) For radiated emissions 9 kHz-30 MHz



4.2.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.2.6 EUT TEST CONDITIONS

Temperature: 22°C Relative Humidity: 56% Test Voltage: AC 120V/60Hz

4.2.7 TEST RESULT (9 kHz TO 30 MHz)

Please refer to the Appendix B

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 = $40 \log (\text{specific distance} / \text{test distance})$ (dB).
- (3) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.2.8 TEST RESULT (30 MHz TO 1000 MHz)

Please refer to the Appendix C.

4.2.9 TEST RESULT (ABOVE 1000 MHz)

Please refer to the Appendix D.

Remark:

- (1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

5. BANDWIDTH TEST

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2)	Bandwidth	≥ 500 kHz (6 dB bandwidth)	2400-2483.5	PASS

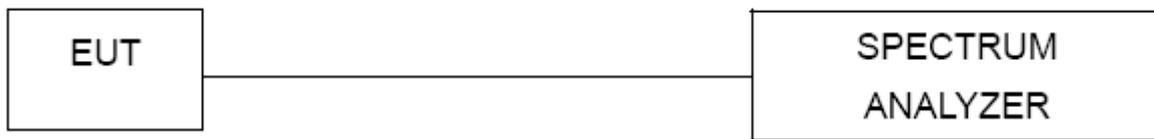
5.1.1 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Spectrum Setting : RBW= 100 kHz, VBW=300 kHz, Sweep time = 2.5 ms.

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 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

5.1.5 EUT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

5.1.6 TEST RESULTS

Please refer to the Appendix E.

6. MAXIMUM OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(b)(3)	Maximum Output Power	1 watt or 30 dBm	2400-2483.5	PASS

6.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- b. The maximum peak conducted output power was performed in accordance with method 9.1.2 of FCC KDB 558074 D01 DTS Meas Guidance.

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 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

6.1.5 EUT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

6.1.6 TEST RESULTS

Please refer to the Appendix F.

7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak Output Power limits. If the transmitter complies with the Output Power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

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 Setting : RBW= 100 kHz, VBW=300 kHz, Sweep time = 10 ms.

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 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

7.1.5 EUT OPERATION CONDITIONS

Temperature: 24°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

7.1.6 TEST RESULTS

Please refer to the Appendix G.

8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(e)	Power Spectral Density	8 dBm (in any 3 kHz)	2400-2483.5	PASS

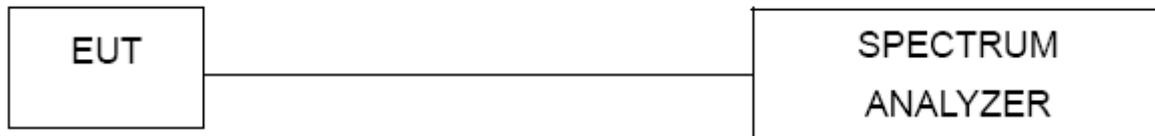
8.1.1 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting: RBW=3 kHz, VBW=10 kHz, 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 4.1.5 unless otherwise a special operating condition is specified in the follows during the testing.

8.1.5 EUT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 60% Test Voltage: AC 120V/60Hz

8.1.6 TEST RESULTS

Please refer to the Appendix H.

9. MEASUREMENT INSTRUMENTS LIST

Conducted Emission Measurement					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Mar. 11, 2019
2	LISN	EMCO	3816/2	52765	Mar. 11, 2019
3	50Ω Terminator	SHX	TF2-3G-A	8122901	Mar. 11, 2019
4	TWO-LINE V-NETWORK	R&S	ENV216	101447	Mar. 11, 2019
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 23, 2019

Radiated Emission Measurement - 9kHz TO 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Loop Antenna	EM	EM-6876-1	230	Feb. 07, 2019
2	Cable	N/A	RG 213/U	C-102	Jun. 01, 2019
3	EMI Test Receiver	R&S	ESCI	100382	Mar. 11, 2019
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement – 30 MHz TO 1000 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarbeck	VULB9160	9160-3232	Mar. 11, 2019
2	Amplifier	HP	8447D	2944A09673	Aug. 11, 2019
3	Receiver	Agilent	N9038A	MY52130039	Aug. 11, 2019
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 25, 2019
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emission Measurement - Above 1 GHz

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	Mar. 11, 2019
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jun. 30, 2019
3	Amplifier	Agilent	8449B	3008A02274	Mar. 11, 2019
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 11, 2019
5	Receiver	Agilent	N9038A	MY52130039	Aug. 11, 2019
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	mitron	B10-01-01-12M	18072744	Jul. 30, 2019
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

6 dB Bandwidth Measurement

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019

Output Power Measurement

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Power Meter	ANRITSU	ML2495A	1128009	Mar. 11, 2019
2	Pulse Power Sensor	ANRITSU	MA 2411B	1027500	Mar. 11, 2019

Antenna Conducted Spurious Emission Measurement

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019

Power Spectral Density Measurement

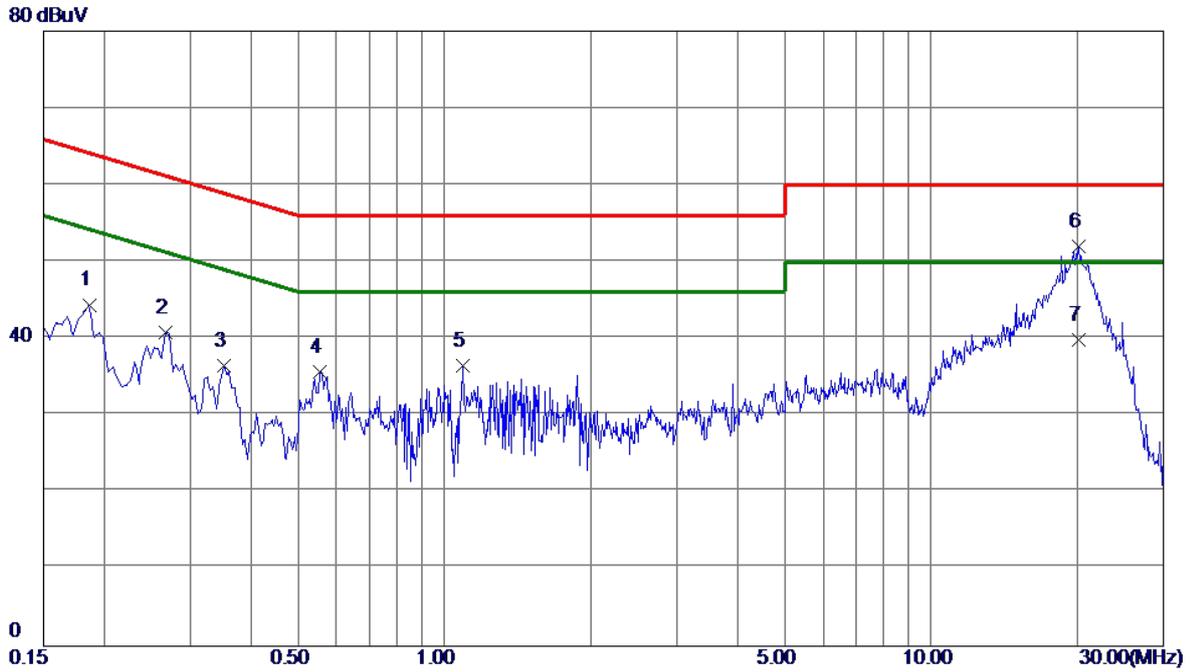
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 11, 2019

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

APPENDIX A - CONDUCTED EMISSION

Test Mode: TX Mode _Adapter: Huntkey

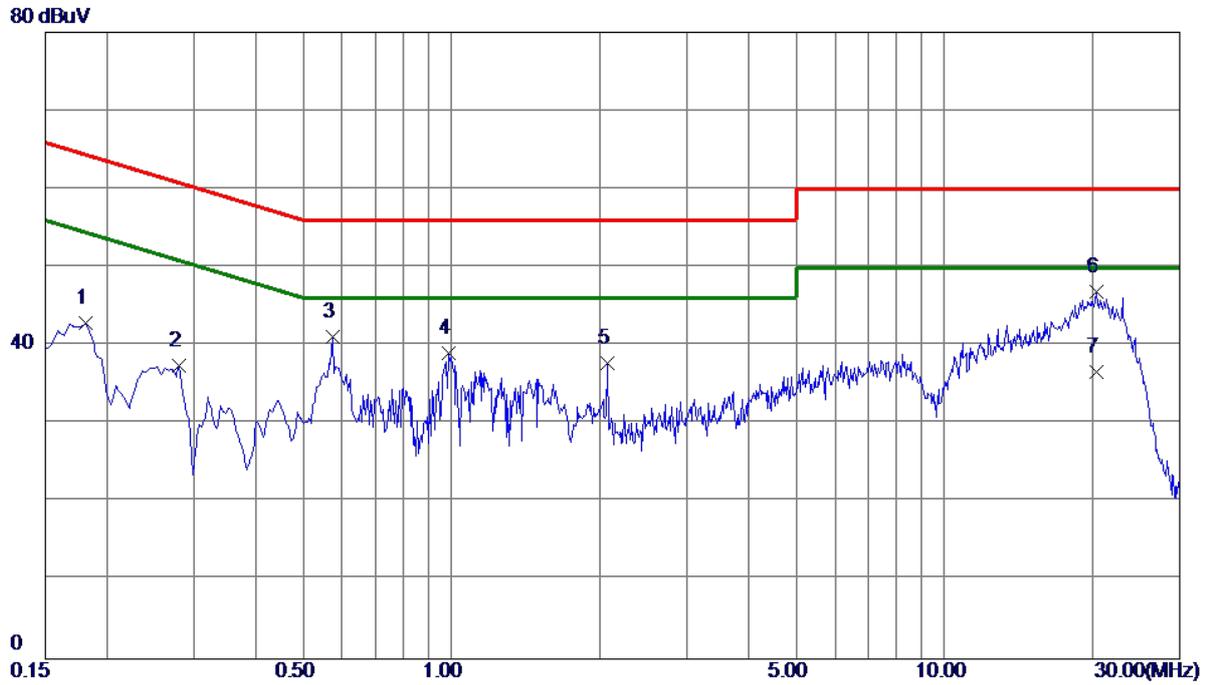
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1860	34.58	9.82	44.40	64.21	-19.81	Peak	
2	0.2670	31.03	9.82	40.85	61.21	-20.36	Peak	
3	0.3525	26.73	9.81	36.54	58.90	-22.36	Peak	
4	0.5550	25.85	9.81	35.66	56.00	-20.34	Peak	
5	1.0905	26.53	9.93	36.46	56.00	-19.54	Peak	
6 *	20.0715	40.75	11.19	51.94	60.00	-8.06	Peak	
7	20.0715	28.60	11.19	39.79	50.00	-10.21	AVG	

Test Mode: TX Mode _Adapter: Huntkey

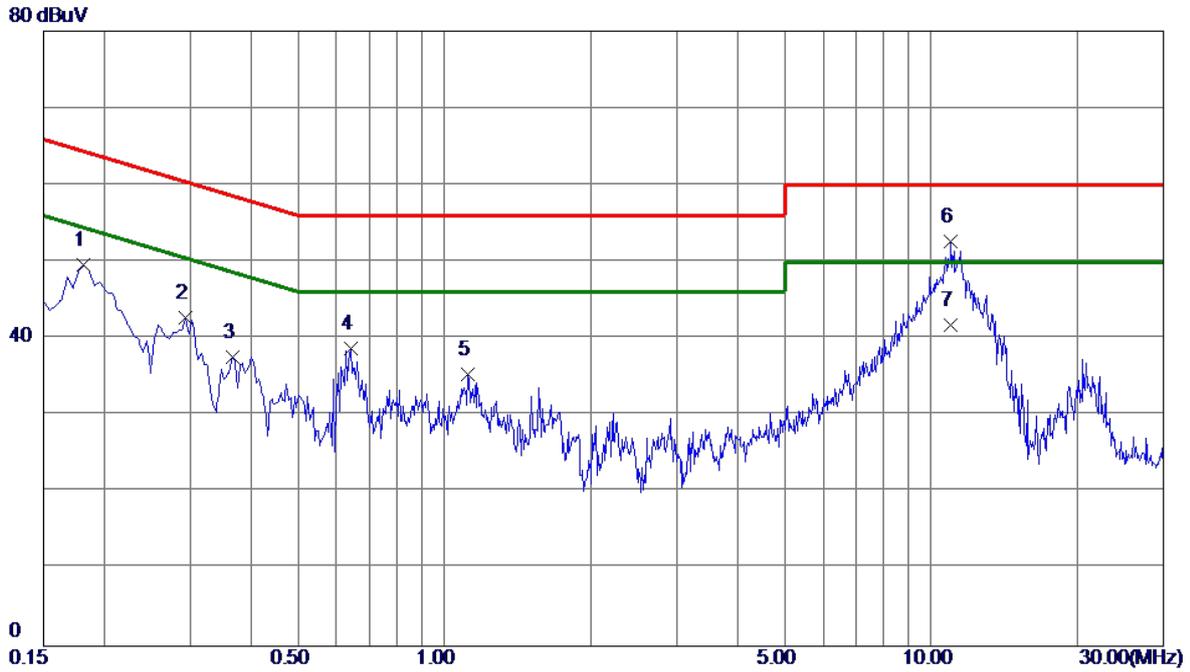
Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1815	33.01	9.91	42.92	64.42	-21.50	Peak	
2	0.2805	27.48	9.93	37.41	60.80	-23.39	Peak	
3	0.5730	31.19	9.97	41.16	56.00	-14.84	Peak	
4	0.9870	28.91	10.12	39.03	56.00	-16.97	Peak	
5	2.0715	27.57	10.19	37.76	56.00	-18.24	Peak	
6 *	20.3190	35.34	11.48	46.82	60.00	-13.18	Peak	
7	20.3190	25.11	11.48	36.59	50.00	-13.41	AVG	

Test Mode: TX Mode _Adapter: PHITEK

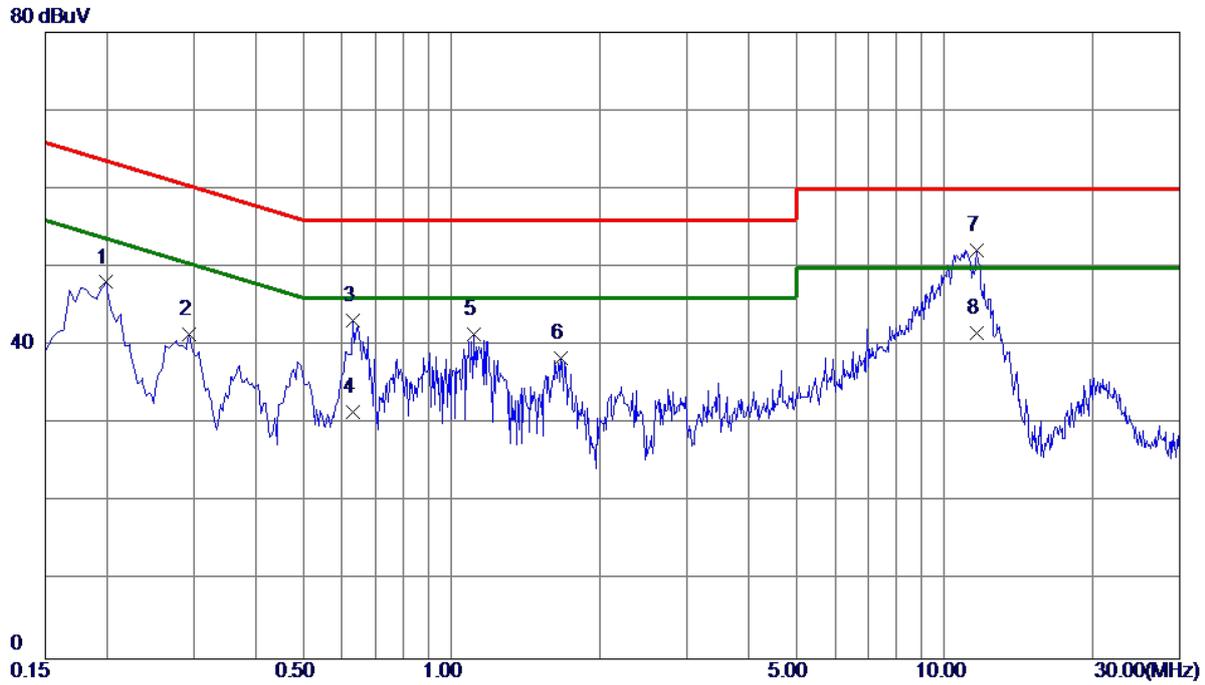
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1815	39.84	9.82	49.66	64.42	-14.76	Peak	
2	0.2940	32.84	9.82	42.66	60.41	-17.75	Peak	
3	0.3660	27.76	9.81	37.57	58.59	-21.02	Peak	
4	0.6405	28.85	9.85	38.70	56.00	-17.30	Peak	
5	1.1174	25.43	9.93	35.36	56.00	-20.64	Peak	
6 *	10.9950	42.13	10.54	52.67	60.00	-7.33	Peak	
7	10.9950	31.20	10.54	41.74	50.00	-8.26	AVG	

Test Mode: TX Mode_Adapter: PHITEK

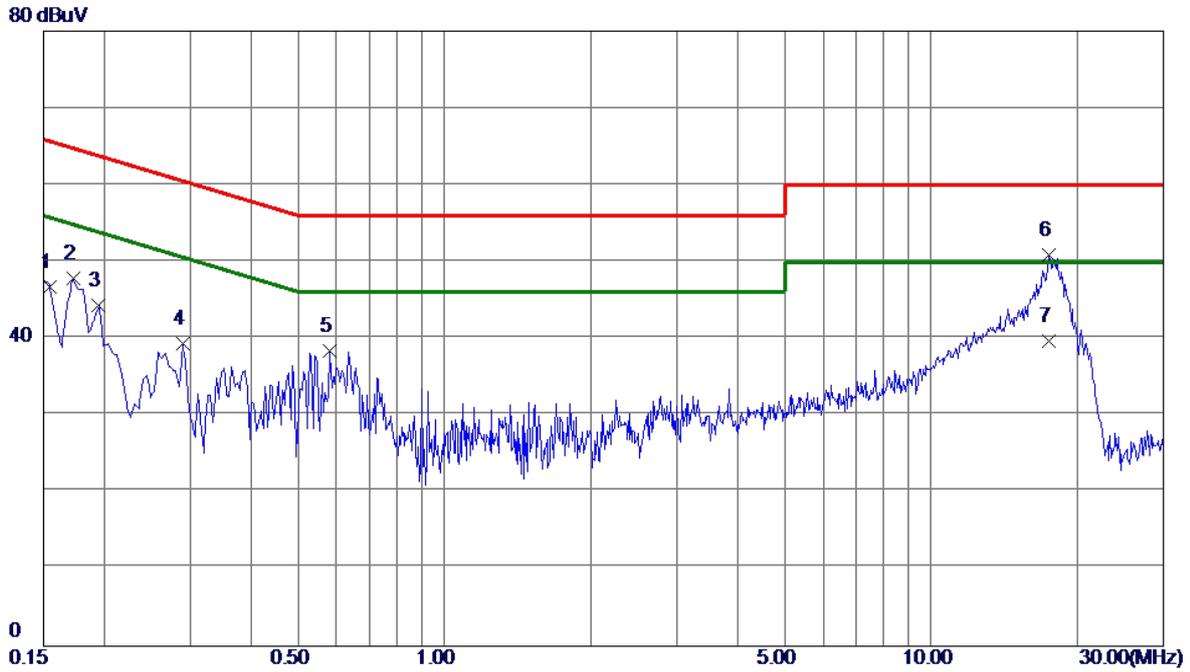
Neutral



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1995	38.17	9.91	48.08	63.63	-15.55	Peak	
2	0.2940	31.50	9.93	41.43	60.41	-18.98	Peak	
3	0.6315	33.22	10.00	43.22	56.00	-12.78	Peak	
4	0.6315	21.50	10.00	31.50	46.00	-14.50	AVG	
5	1.1085	31.36	10.13	41.49	56.00	-14.51	Peak	
6	1.6710	28.23	10.17	38.40	56.00	-17.60	Peak	
7 *	11.6520	41.35	10.86	52.21	60.00	-7.79	Peak	
8	11.6520	30.80	10.86	41.66	50.00	-8.34	AVG	

Test Mode: TX Mode _Adapter: BYD

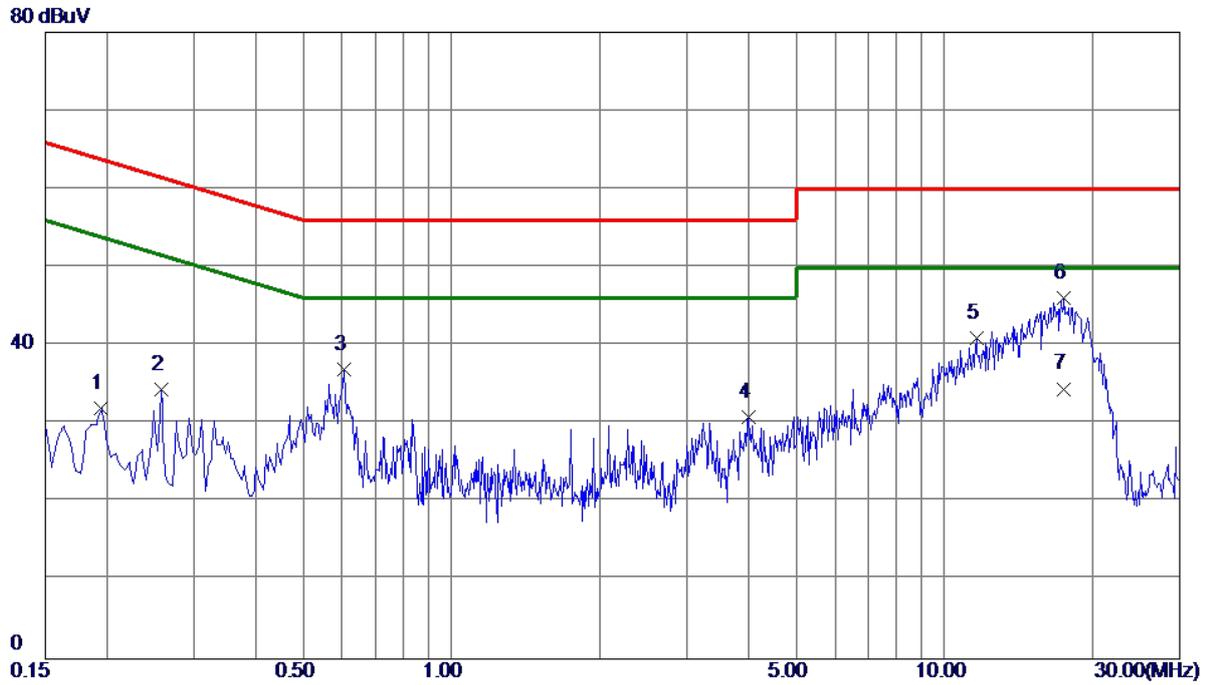
Line



No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1548	36.92	9.82	46.74	65.74	-19.00	Peak	
2	0.1725	38.07	9.82	47.89	64.84	-16.95	Peak	
3	0.1949	34.45	9.82	44.27	63.83	-19.56	Peak	
4	0.2895	29.53	9.82	39.35	60.54	-21.19	Peak	
5	0.5820	28.53	9.82	38.35	56.00	-17.65	Peak	
6 *	17.4480	39.87	10.97	50.84	60.00	-9.16	Peak	
7	17.4480	28.70	10.97	39.67	50.00	-10.33	AVG	

Test Mode: TX Mode _Adapter: BYD

Neutral

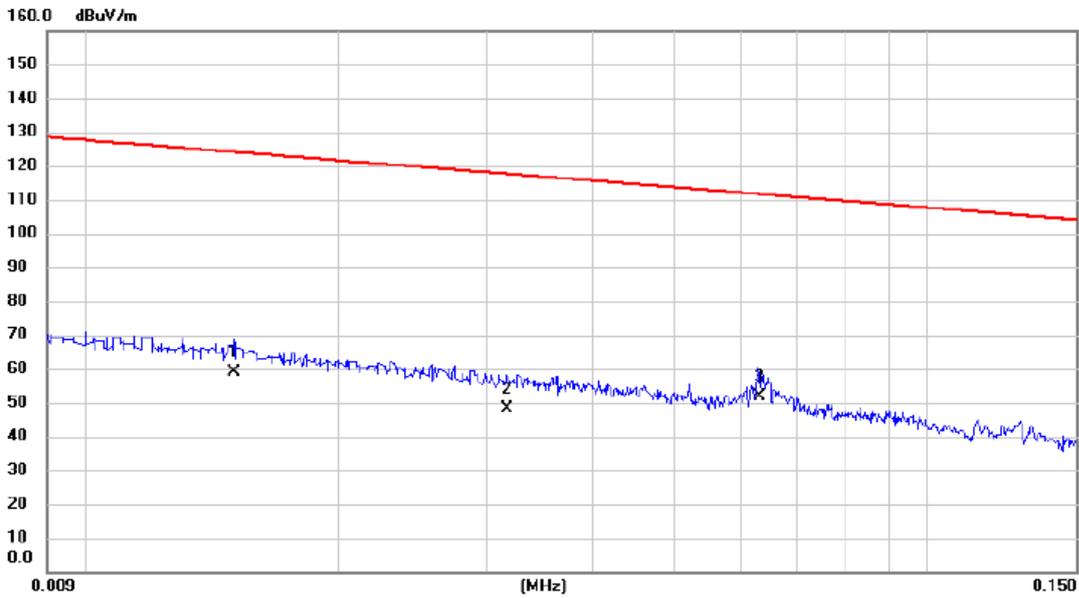


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1949	22.09	9.91	32.00	63.83	-31.83	Peak	
2	0.2580	24.44	9.92	34.36	61.50	-27.14	Peak	
3	0.6045	26.91	9.98	36.89	56.00	-19.11	Peak	
4	4.0109	20.50	10.32	30.82	56.00	-25.18	Peak	
5	11.5980	30.13	10.85	40.98	60.00	-19.02	Peak	
6 *	17.4794	34.73	11.28	46.01	60.00	-13.99	Peak	
7	17.4794	23.20	11.28	34.48	50.00	-15.52	AVG	

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

Test Mode: TX Mode _Adapter: Huntkey

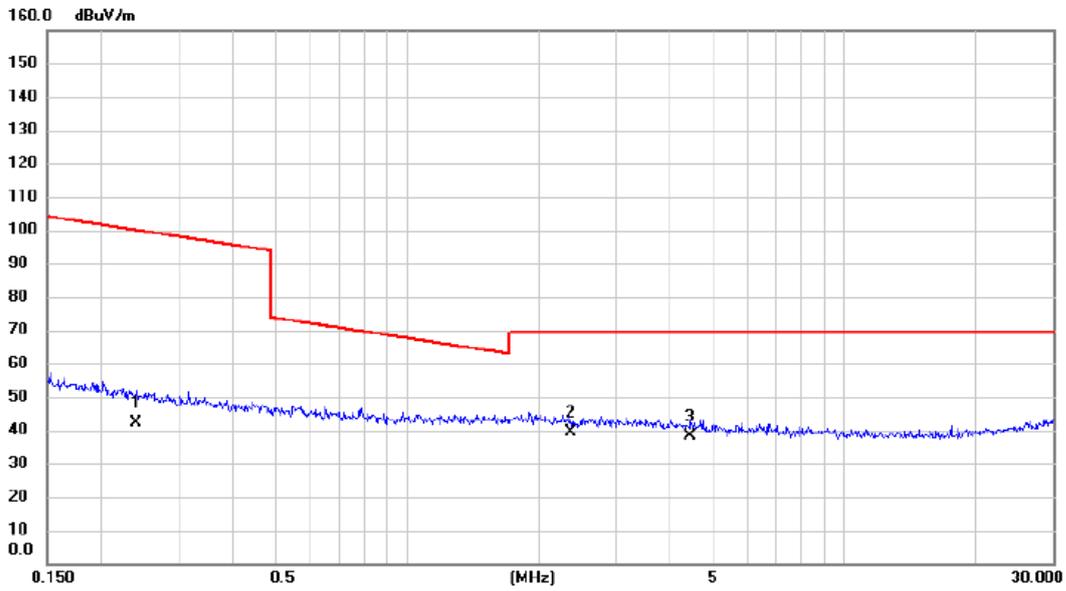
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0150	38.10	20.72	58.82	124.08	-65.26	AVG	
2		0.0317	28.30	19.82	48.12	117.58	-69.46	AVG	
3	*	0.0631	32.50	19.27	51.77	111.60	-59.83	AVG	

Test Mode: TX Mode_Adapter: Huntkey

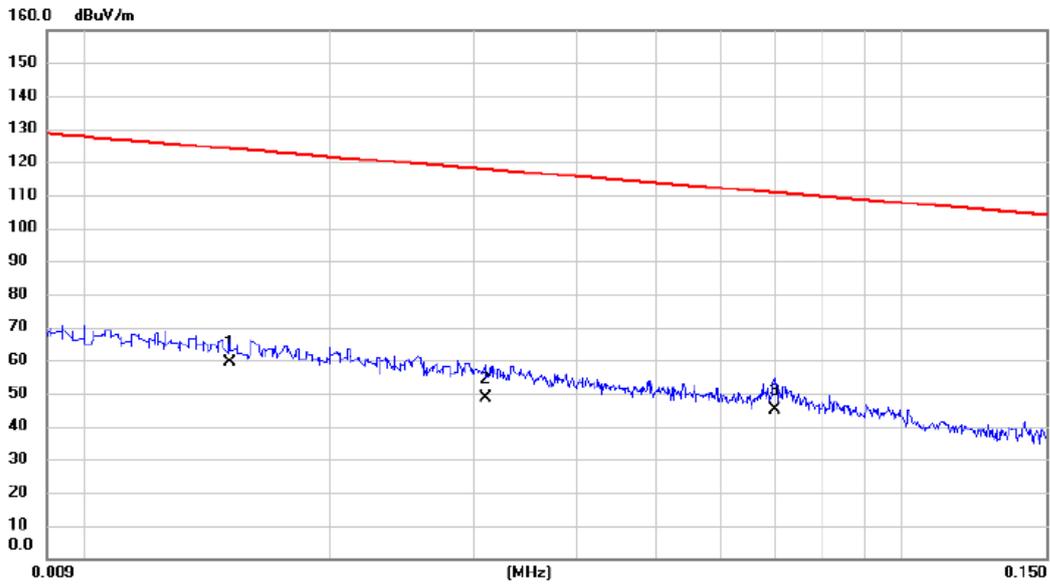
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2404	25.10	17.08	42.18	99.99	-57.81	AVG	
2	*	2.3585	22.70	16.90	39.60	69.54	-29.94	QP	
3		4.4540	22.80	15.49	38.29	69.54	-31.25	QP	

Test Mode: TX Mode_Adapter: Huntkey

Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.0151	38.50	20.71	59.21	124.03	-64.82	AVG	
2		0.0310	28.80	19.84	48.64	117.78	-69.14	AVG	
3		0.0700	25.70	19.13	44.83	110.70	-65.87	AVG	

Test Mode: TX Mode_Adapter: Huntkey

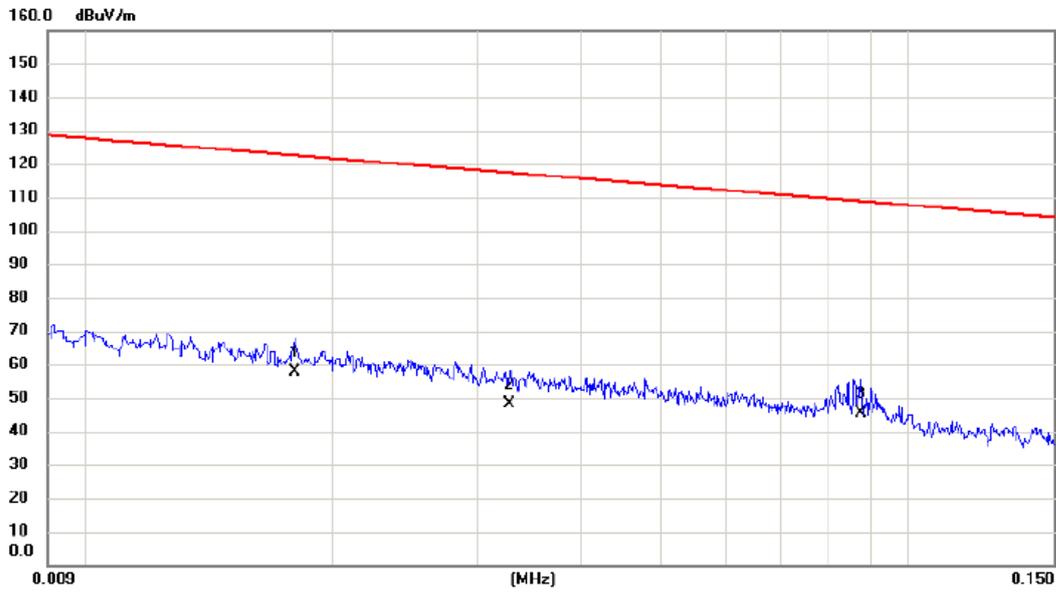
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2672	24.30	17.05	41.35	99.07	-57.72	AVG	
2	*	2.3336	24.70	16.92	41.62	69.54	-27.92	QP	
3		4.8738	23.60	15.25	38.85	69.54	-30.69	QP	

Test Mode: TX Mode _Adapter: PHITEK

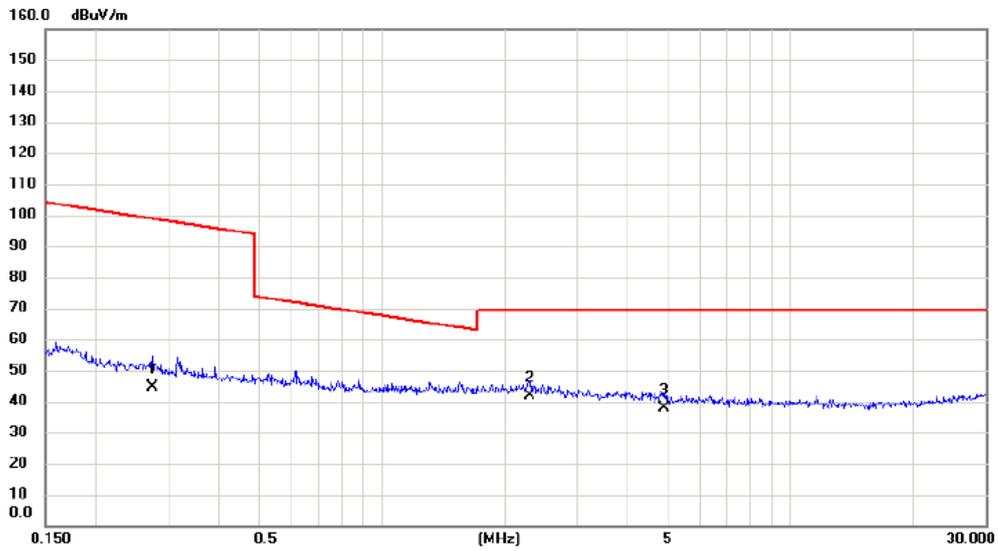
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0180	37.60	20.30	57.90	122.50	-64.60	AVG	
2		0.0328	28.50	19.81	48.31	117.29	-68.98	AVG	
3	*	0.0875	26.80	18.73	45.53	108.76	-63.23	AVG	

Test Mode: TX Mode_Adapter: PHITEK

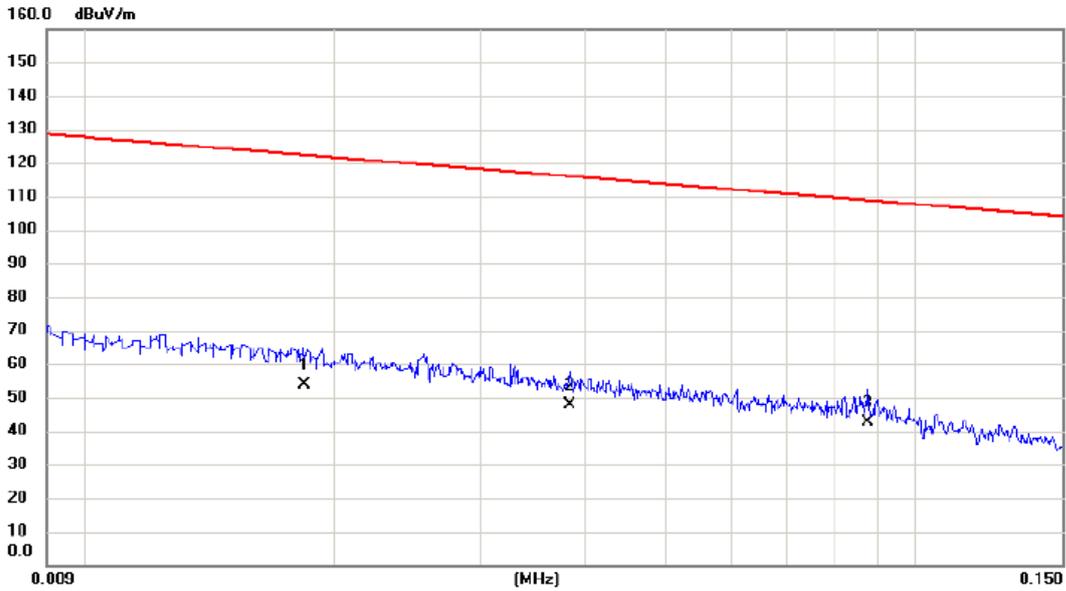
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2744	27.50	17.05	44.55	98.84	-54.29	AVG	
2	*	2.2968	24.80	16.94	41.74	69.54	-27.80	QP	
3		4.8997	22.40	15.23	37.63	69.54	-31.91	QP	

Test Mode: TX Mode_Adapter: PHITEK

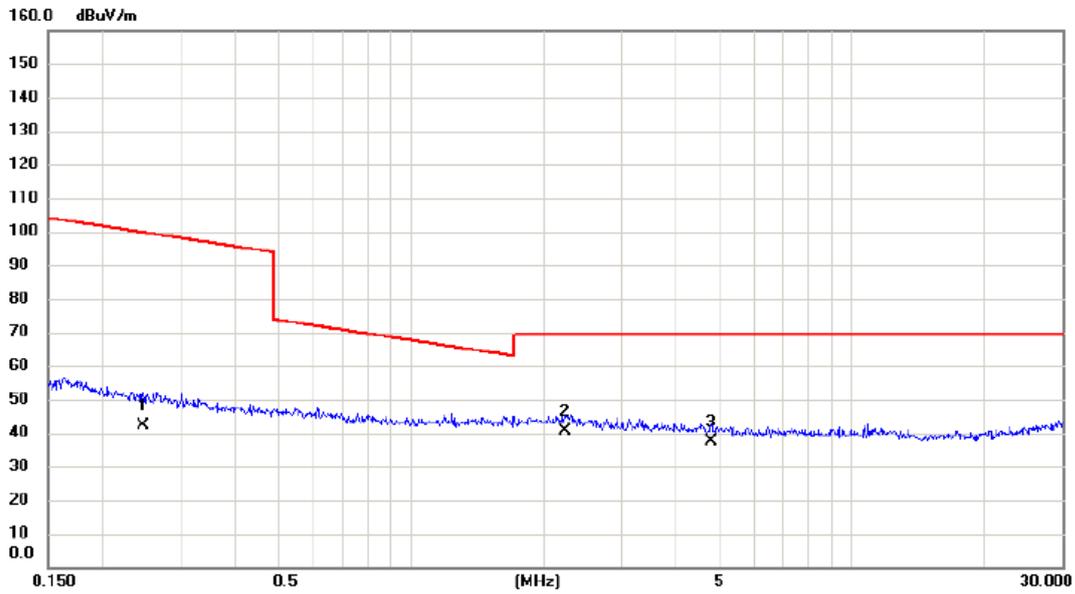
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0184	33.60	20.24	53.84	122.31	-68.47	AVG	
2		0.0383	28.10	19.72	47.82	115.94	-68.12	AVG	
3	*	0.0875	23.70	18.73	42.43	108.76	-66.33	AVG	

Test Mode: TX Mode_Adapter: PHITEK

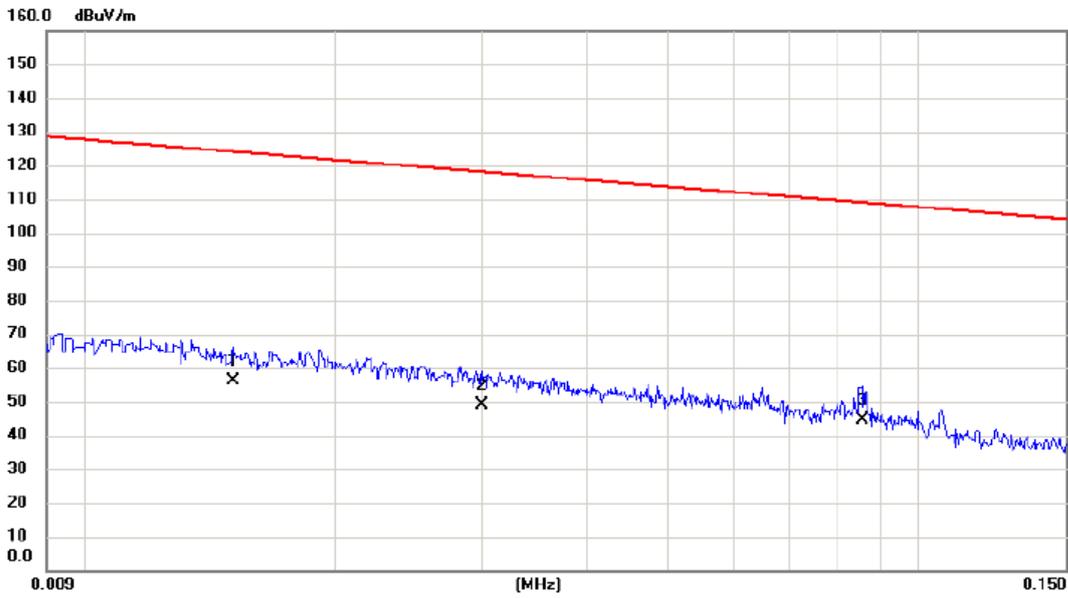
Ant 90°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2468	25.20	17.07	42.27	99.76	-57.49	AVG	
2	*	2.2367	23.60	16.97	40.57	69.54	-28.97	QP	
3		4.7970	22.20	15.29	37.49	69.54	-32.05	QP	

Test Mode: TX Mode _Adapter: BYD

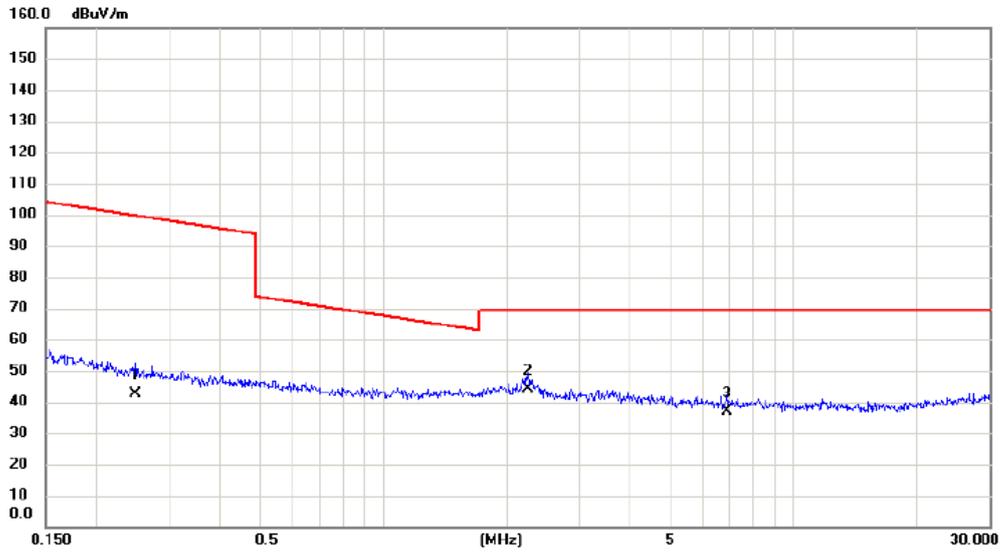
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0151	35.60	20.71	56.31	124.03	-67.72	AVG	
2		0.0300	29.21	19.85	49.06	118.06	-69.00	AVG	
3	*	0.0857	25.90	18.77	44.67	108.95	-64.28	AVG	

Test Mode: TX Mode_Adapter: BYD

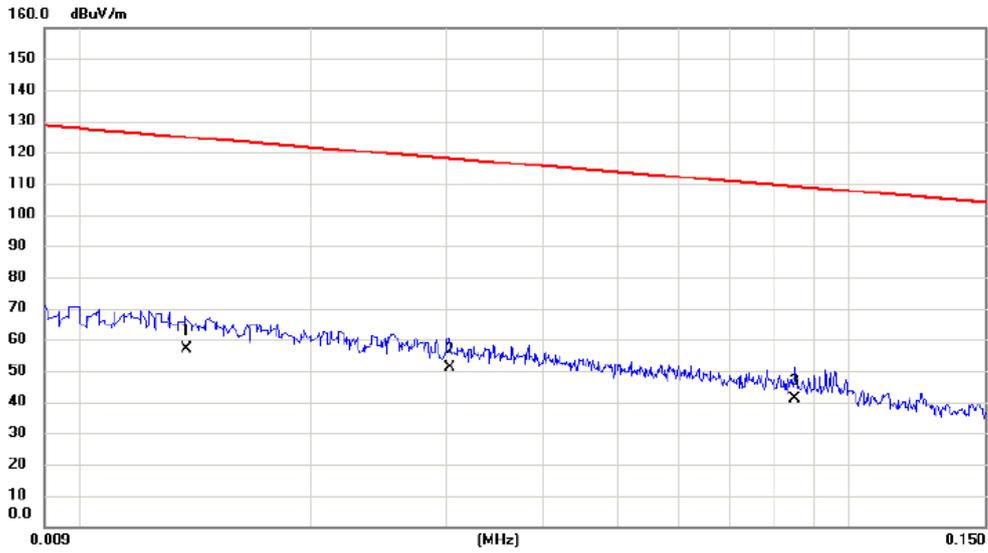
Ant 0°



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.2481	25.40	17.06	42.46	99.71	-57.25	AVG	
2	*	2.2486	27.30	16.96	44.26	69.54	-25.28	QP	
3		6.8776	22.10	14.86	36.96	69.54	-32.58	QP	

Test Mode: TX Mode_Adapter: BYD

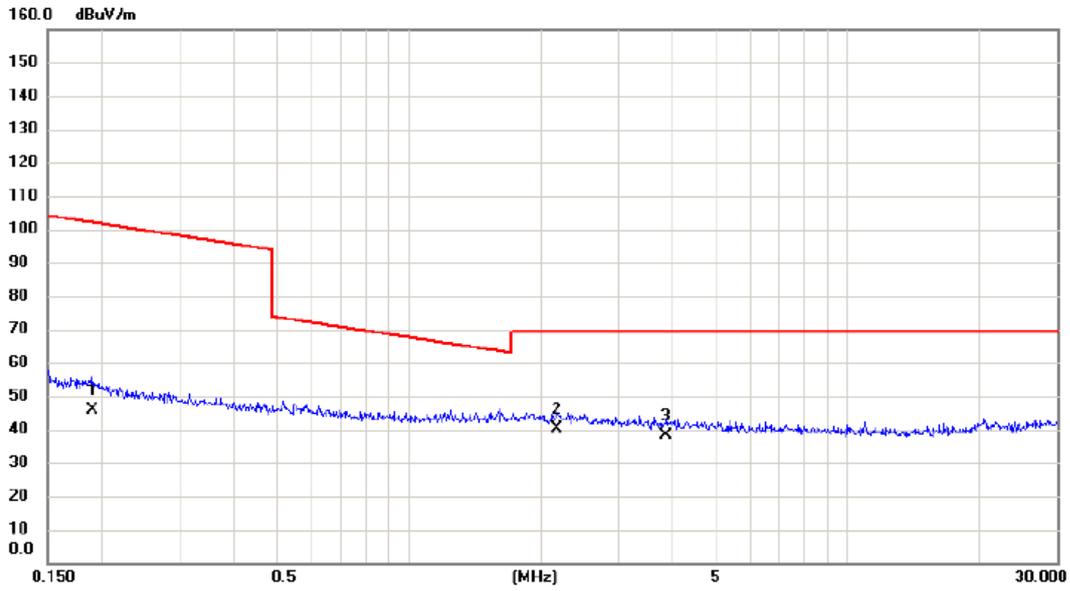
Ant 90°



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.0138	36.30	20.89	57.19	124.81	-67.62	AVG	
2 *	0.0303	31.10	19.85	50.95	117.98	-67.03	AVG	
3	0.0850	22.40	18.79	41.19	109.02	-67.83	AVG	

Test Mode: TX Mode_Adapter: BYD

Ant 90°

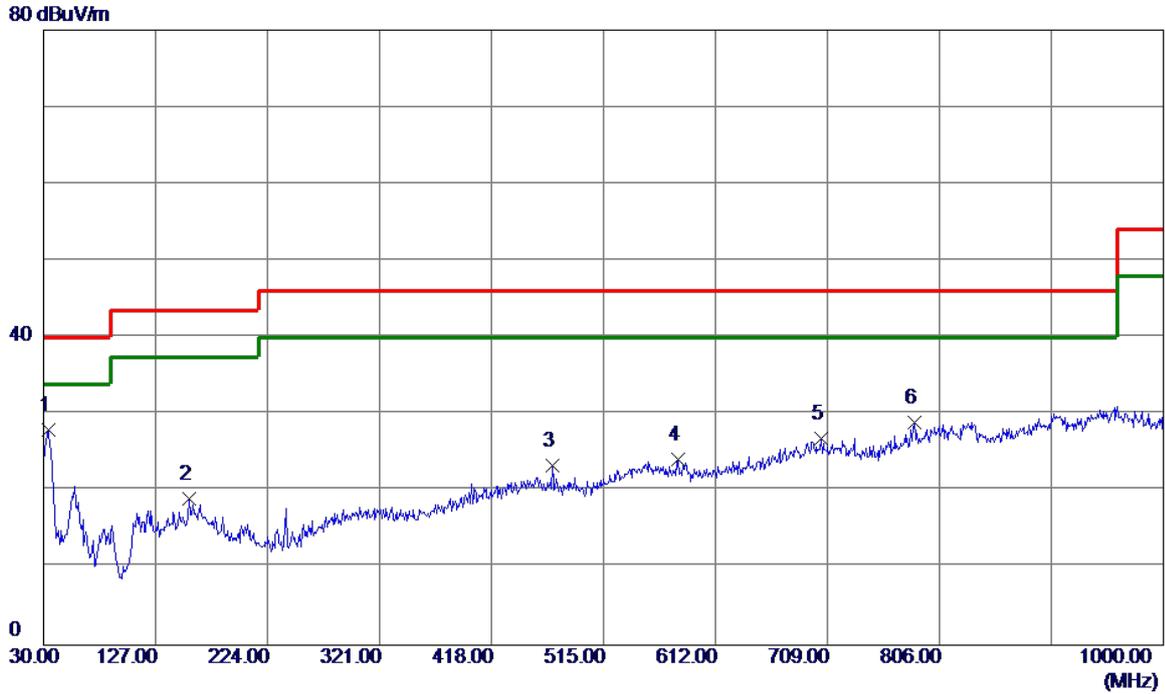


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.1894	28.50	17.17	45.67	102.06	-56.39	AVG	
2	*	2.1783	23.40	17.00	40.40	69.54	-29.14	QP	
3		3.8603	22.30	15.86	38.16	69.54	-31.38	QP	

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

Test Mode: TX 2440 MHz _CH19_1Mbps_Adapter: Huntkey

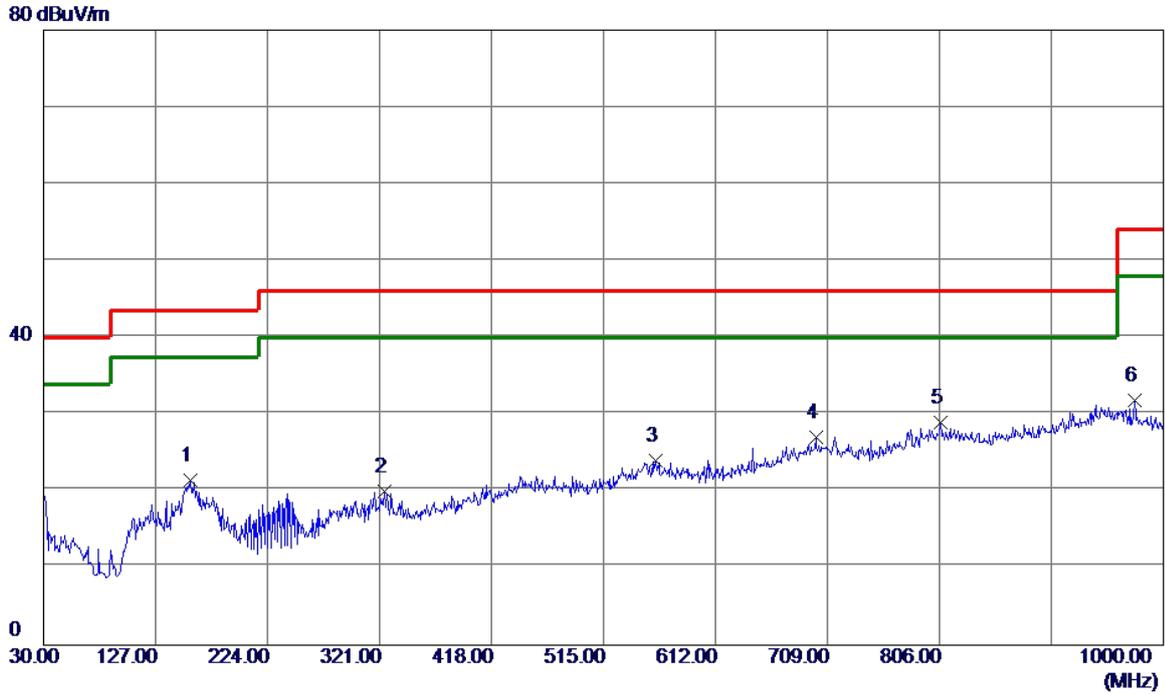
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	33.8800	42.83	-14.83	28.00	40.00	-12.00	Peak	
2	156.5850	29.95	-10.90	19.05	43.50	-24.45	Peak	
3	470.3800	31.27	-7.86	23.41	46.00	-22.59	Peak	
4	579.9900	30.07	-5.97	24.10	46.00	-21.90	Peak	
5	703.6650	29.66	-2.84	26.82	46.00	-19.18	Peak	
6	784.1750	31.01	-1.99	29.02	46.00	-16.98	Peak	

Test Mode: TX 2440 MHz _CH19_1Mbps_Adapter: Huntkey

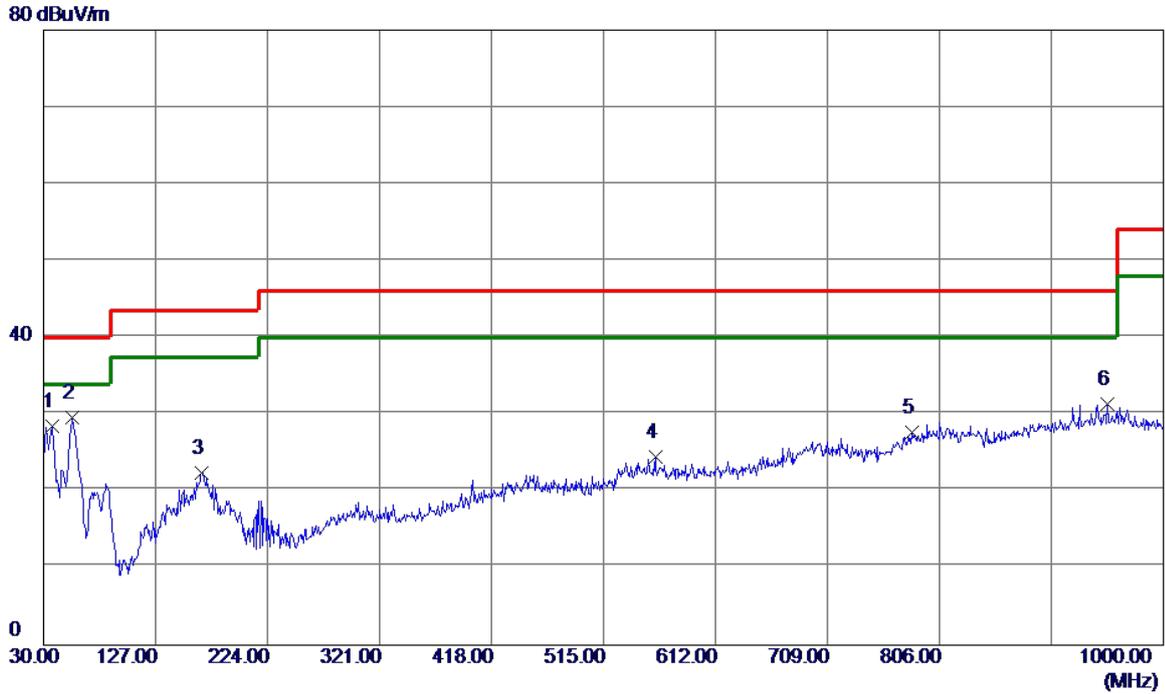
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	157.0700	32.26	-10.86	21.40	43.50	-22.10	Peak	
2	325.3650	30.73	-10.73	20.00	46.00	-26.00	Peak	
3	560.1050	29.61	-5.63	23.98	46.00	-22.02	Peak	
4	698.8150	29.77	-2.80	26.97	46.00	-19.03	Peak	
5 *	806.9699	30.17	-1.15	29.02	46.00	-16.98	Peak	
6	974.7800	30.99	0.82	31.81	54.00	-22.19	Peak	

Test Mode: TX 2440 MHz_CH19_1Mbps_Adapter: PHITEK

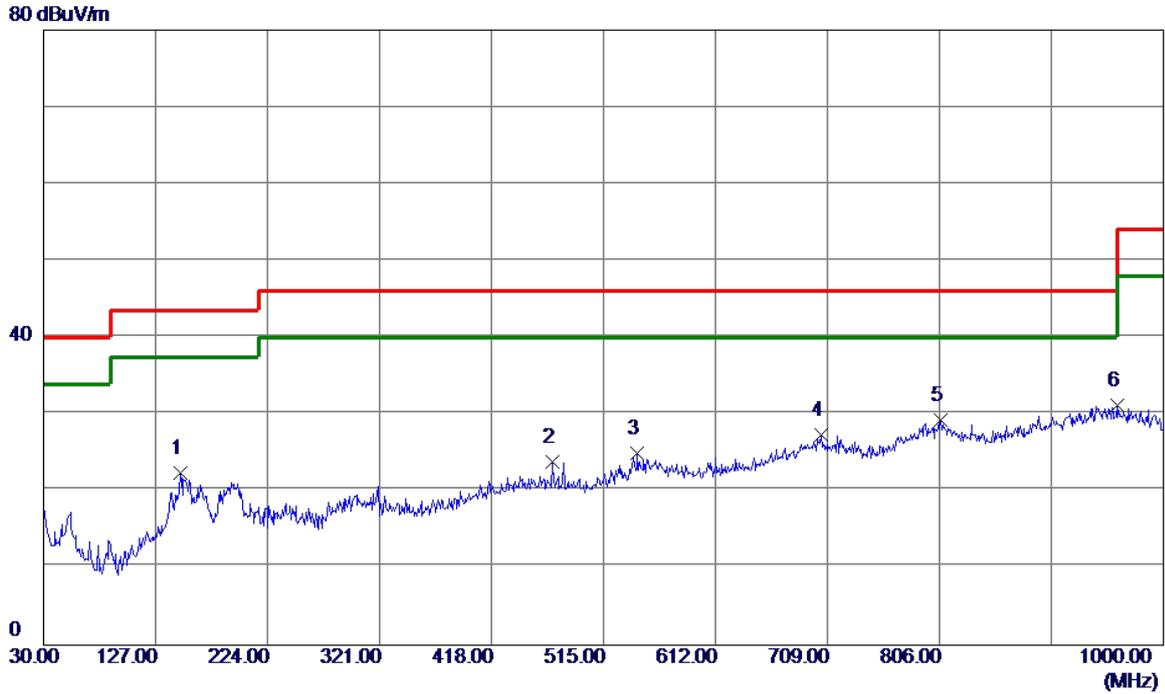
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measurement dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	37.7599	43.24	-14.70	28.54	40.00	-11.46	Peak	
2 *	55.2200	44.59	-15.00	29.59	40.00	-10.41	Peak	
3	167.2550	33.47	-11.04	22.43	43.50	-21.07	Peak	
4	560.1050	30.11	-5.63	24.48	46.00	-21.52	Peak	
5	782.2350	29.85	-2.11	27.74	46.00	-18.26	Peak	
6	951.5000	29.97	1.37	31.34	46.00	-14.66	Peak	

Test Mode: TX 2440 MHz_CH19_1Mbps_Adapter: PHITEK

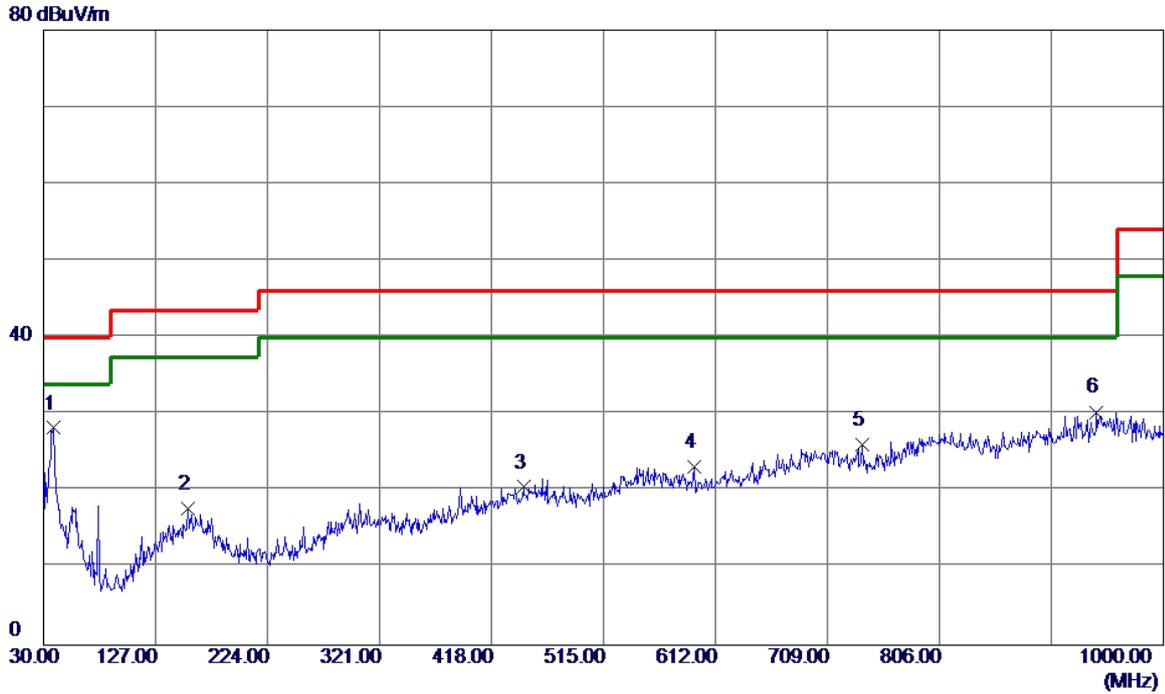
Horizontal



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	148.8250	34.04	-11.57	22.47	43.50	-21.03	Peak	
2	470.3800	31.64	-7.86	23.78	46.00	-22.22	Peak	
3	544.5850	30.75	-5.80	24.95	46.00	-21.05	Peak	
4	703.6650	30.23	-2.84	27.39	46.00	-18.61	Peak	
5	807.4550	30.49	-1.16	29.33	46.00	-16.67	Peak	
6 *	959.7450	30.07	1.18	31.25	46.00	-14.75	Peak	

Test Mode: TX 2440 MHz_CH19_1Mbps_Adapter: BYD

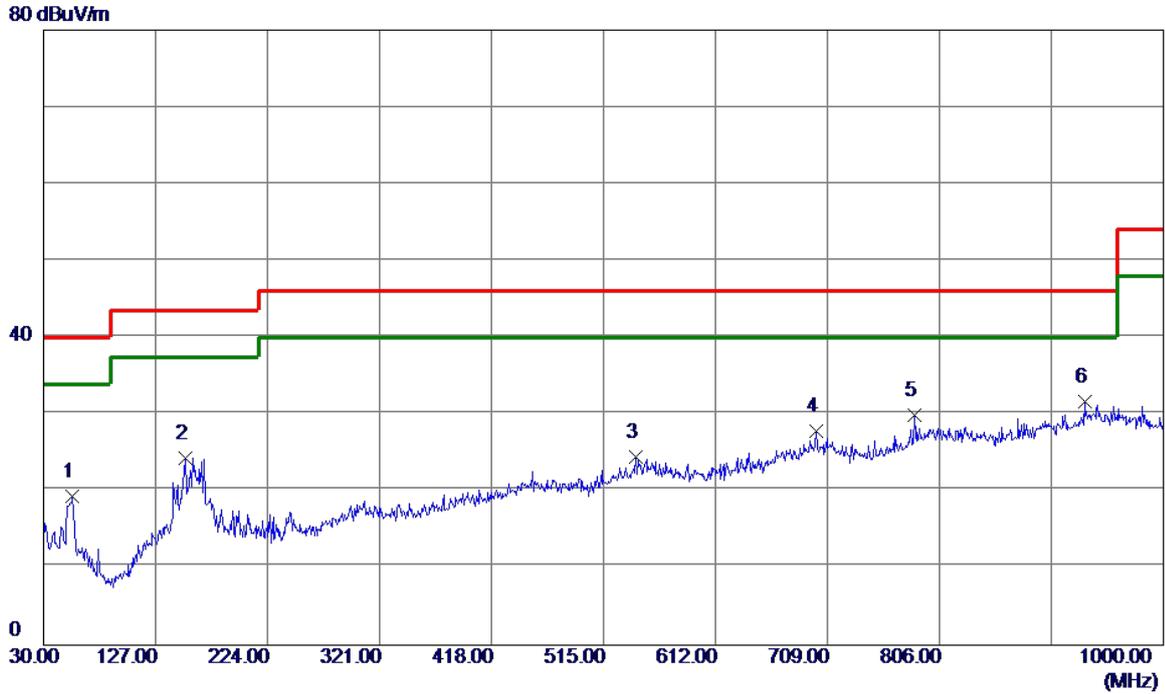
Vertical



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	38.7300	42.89	-14.65	28.24	40.00	-11.76	Peak	
2	155.1300	28.74	-11.03	17.71	43.50	-25.79	Peak	
3	445.6450	28.14	-7.58	20.56	46.00	-25.44	Peak	
4	593.5700	29.37	-6.19	23.18	46.00	-22.82	Peak	
5	739.5550	29.81	-3.77	26.04	46.00	-19.96	Peak	
6	941.8000	29.24	1.08	30.32	46.00	-15.68	Peak	

Test Mode: TX 2440 MHz_CH19_1Mbps_Adapter: BYD

Horizontal



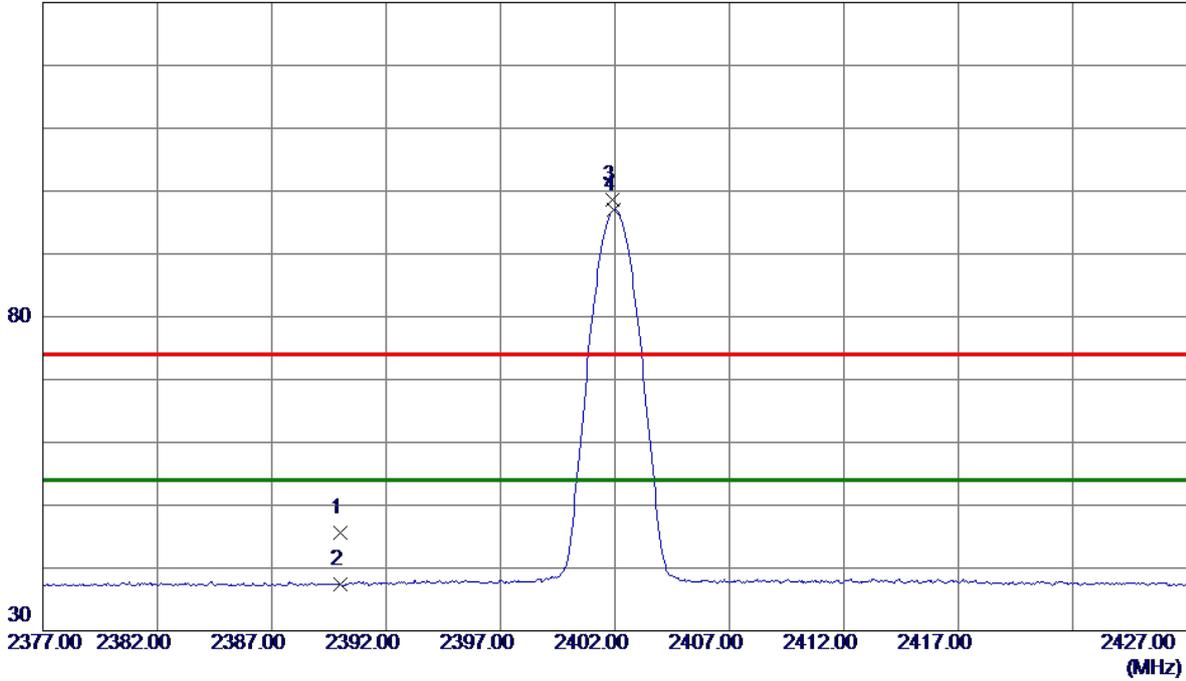
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	55.2200	34.29	-15.00	19.29	40.00	-20.71	Peak	
2	152.7050	35.55	-11.25	24.30	43.50	-19.20	Peak	
3	543.1300	30.32	-5.88	24.44	46.00	-21.56	Peak	
4	699.7849	30.53	-2.76	27.77	46.00	-18.23	Peak	
5	784.1750	31.92	-1.99	29.93	46.00	-16.07	Peak	
6 *	931.6150	30.95	0.67	31.62	46.00	-14.38	Peak	

APPENDIX D - RADIATED EMISSION (ABOVE 1000 MHZ)

Test Mode : TX 2402 MHz _CH00_1Mbps

Vertical

130 dBuV/m

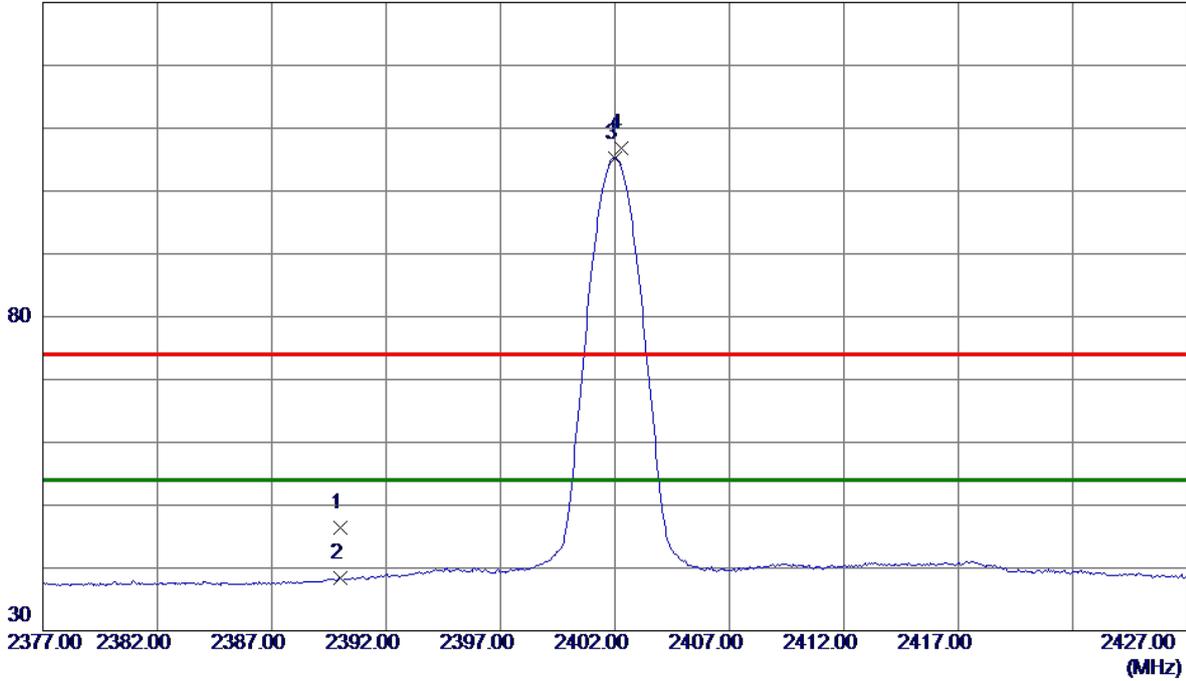


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	38.29	7.39	45.68	74.00	-28.32	Peak	
2	2390.0000	30.08	7.39	37.47	54.00	-16.53	AVG	
3	2401.9000	91.25	7.38	98.63	74.00	24.63	Peak	No Limit
4 *	2401.9500	89.60	7.38	96.98	54.00	42.98	AVG	No Limit

Test Mode : TX 2402 MHz _CH00_1Mbps

Horizontal

130 dBuV/m

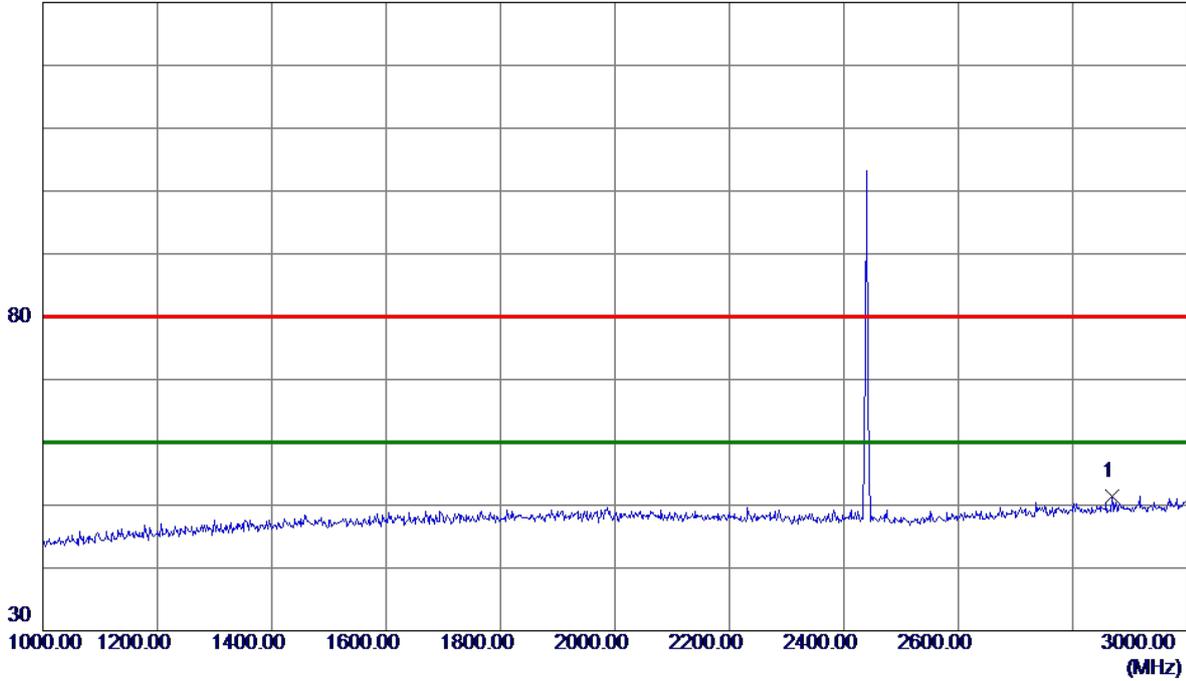


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	39.01	7.39	46.40	74.00	-27.60	Peak	
2	2390.0000	30.92	7.39	38.31	54.00	-15.69	AVG	
3 *	2402.0000	97.86	7.38	105.24	54.00	51.24	AVG	No Limit
4	2402.2500	99.47	7.38	106.85	74.00	32.85	Peak	No Limit

Test Mode : TX 2440 MHz _CH19_1Mbps

Vertical

130 dBuV/m

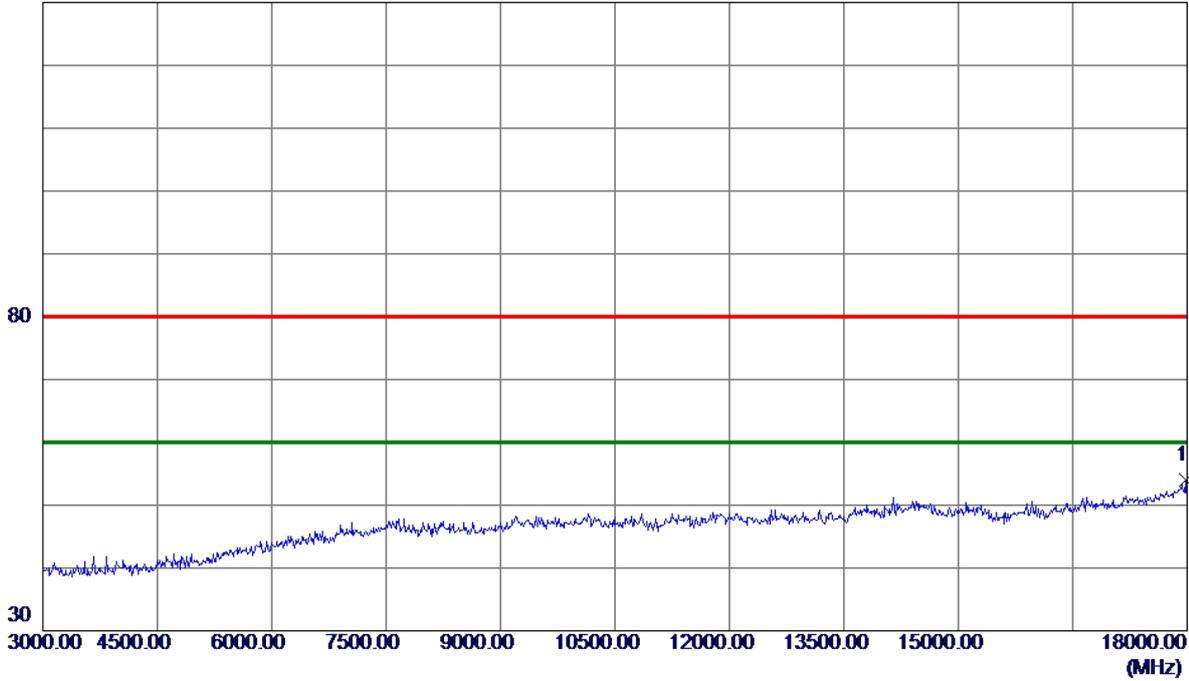


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2868.0000	41.85	9.55	51.40	80.00	-28.60	Peak	

Test Mode : TX 2440 MHz _CH19_1Mbps

Vertical

130 dBuV/m

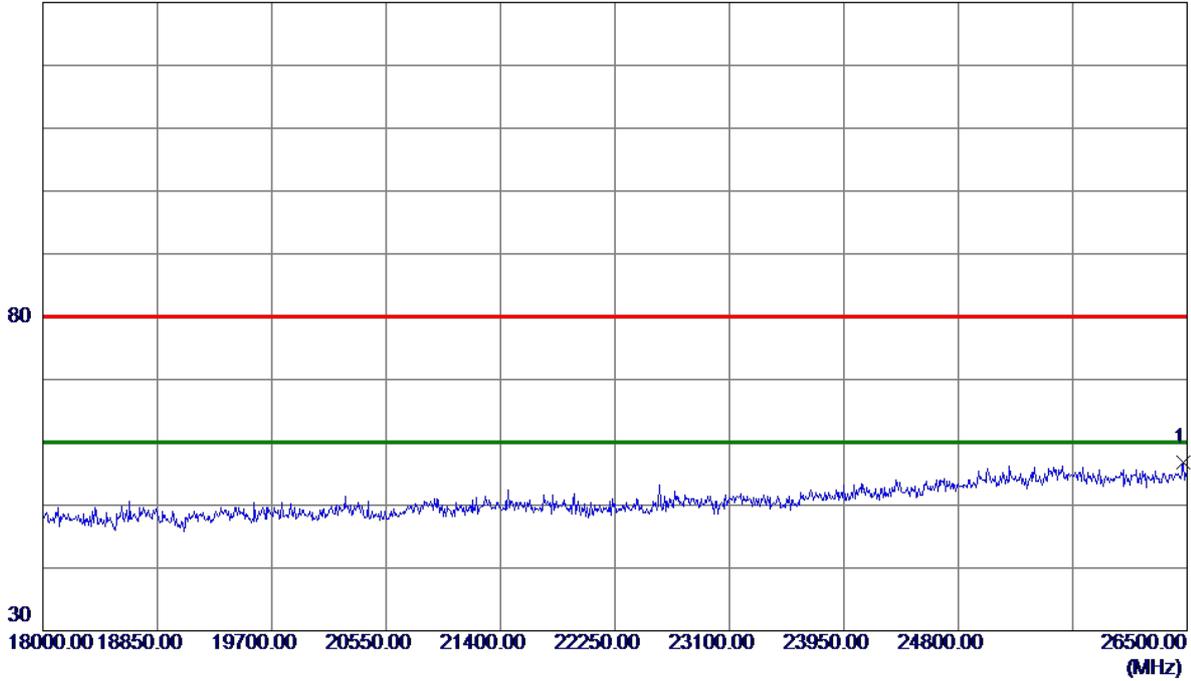


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	17977.5000	36.32	17.70	54.02	80.00	-25.98	Peak	

Test Mode : TX 2440 MHz _CH19_1Mbps

Vertical

130 dBuV/m

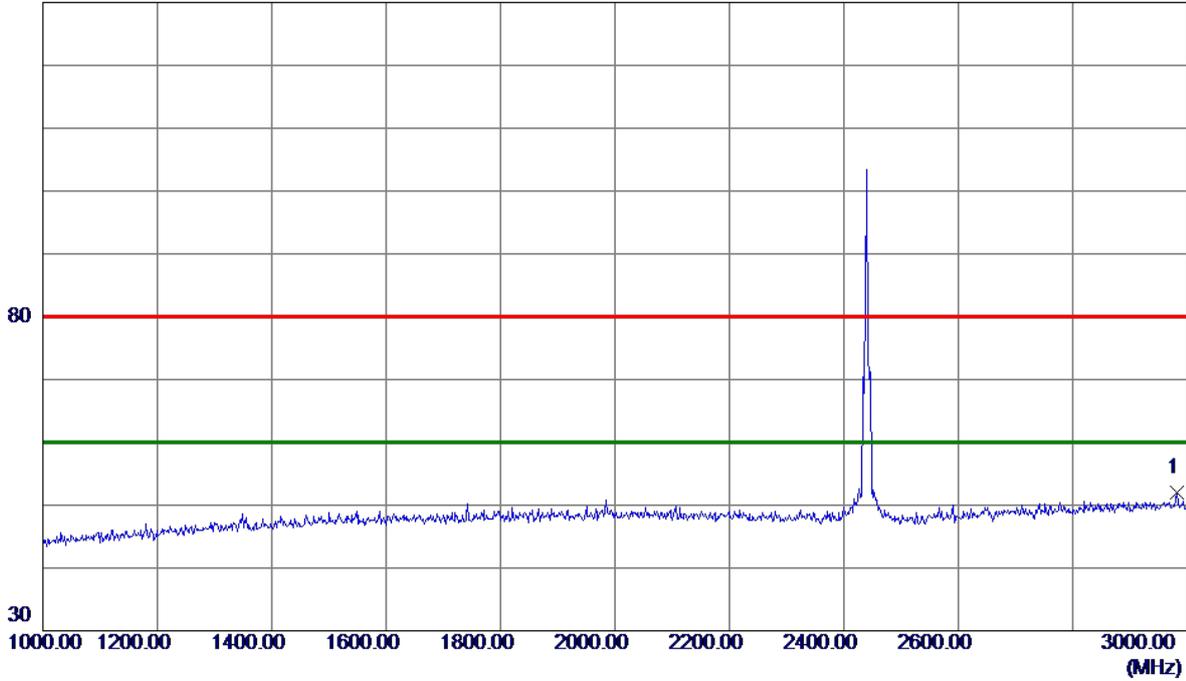


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	26474.5000	38.90	17.96	56.86	80.00	-23.14	Peak	

Test Mode : TX 2440 MHz _CH19_1Mbps

Horizontal

130 dBuV/m

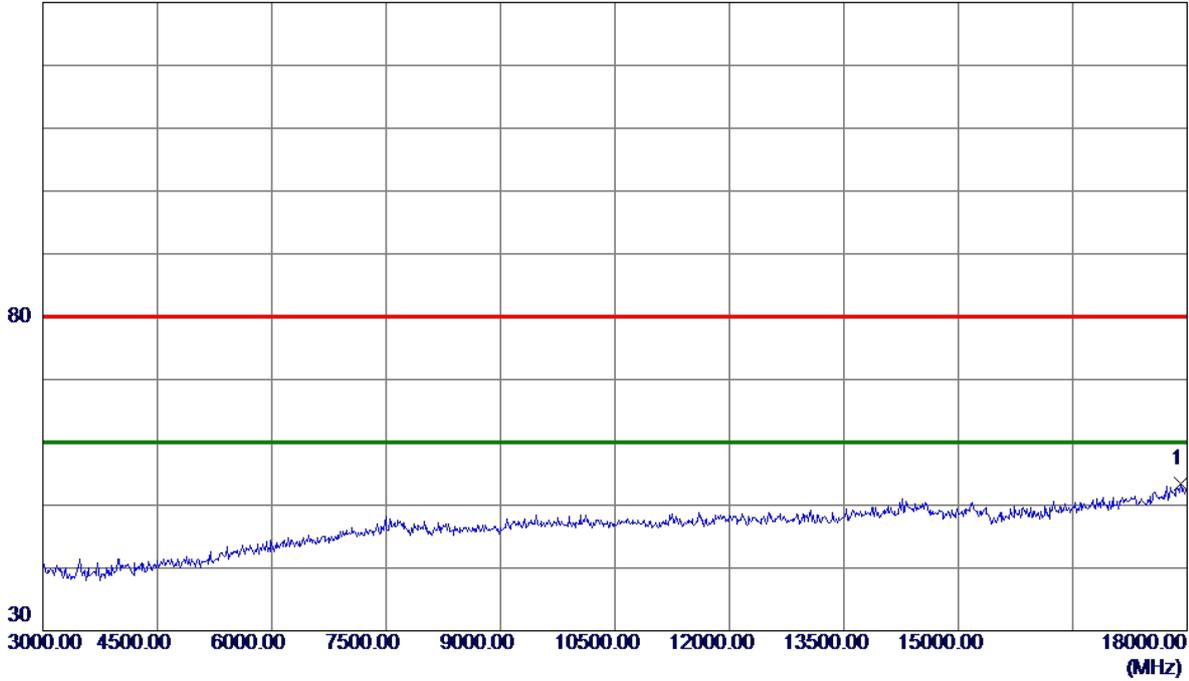


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2982.0000	41.75	10.25	52.00	80.00	-28.00	Peak	

Test Mode : TX 2440 MHz _CH19_1Mbps

Horizontal

130 dBuV/m

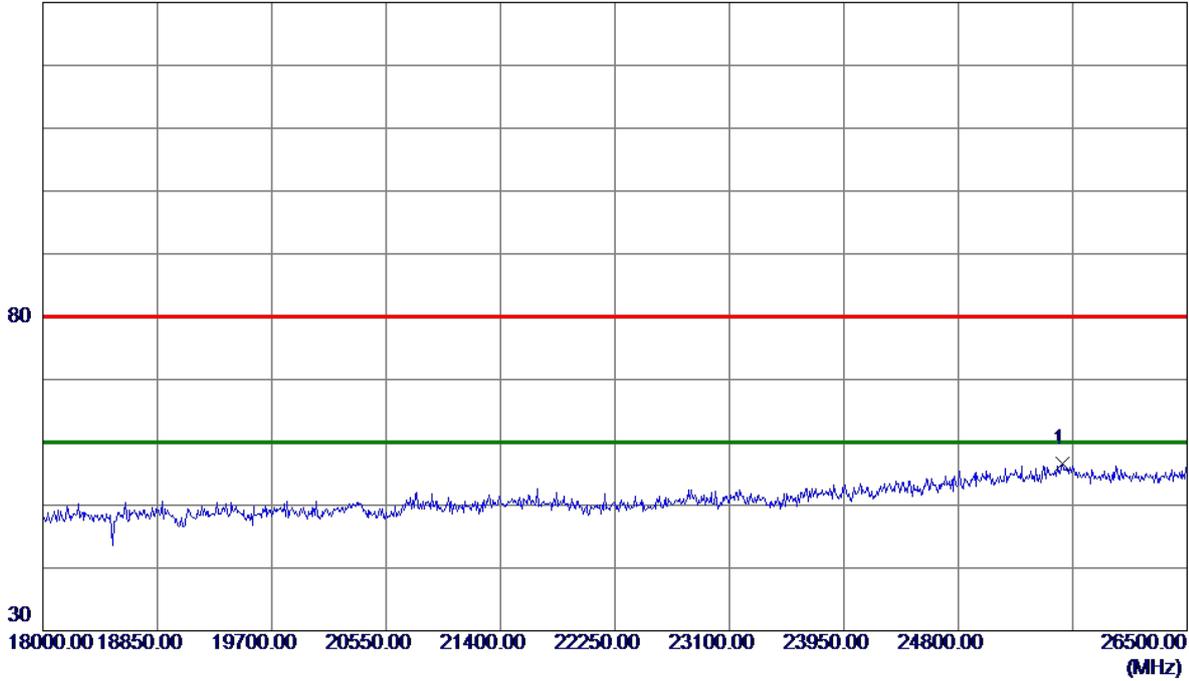


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	17910.0000	35.97	17.50	53.47	80.00	-26.53	Peak	

Test Mode : TX 2440 MHz _CH19_1Mbps

Horizontal

130 dBuV/m

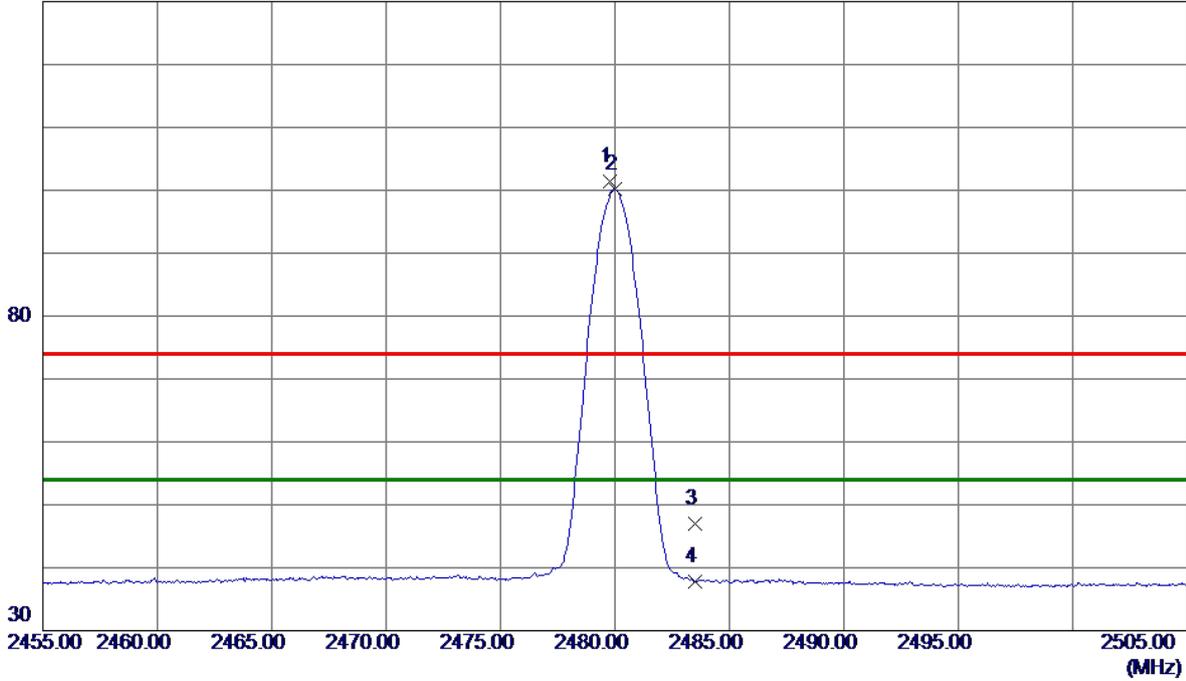


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	25573.5000	39.36	17.24	56.60	80.00	-23.40	Peak	

Test Mode : TX 2480 MHz _CH39_1Mbps

Vertical

130 dBuV/m

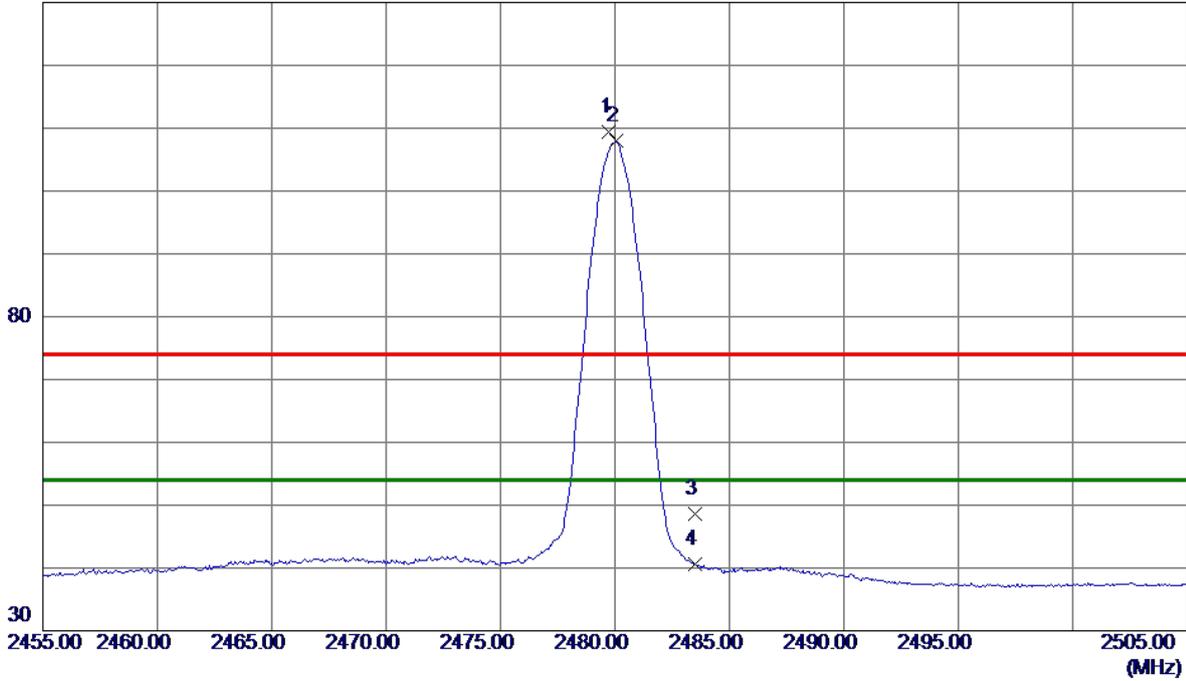


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2479.8000	94.11	7.32	101.43	74.00	27.43	Peak	No Limit
2 *	2480.0000	92.80	7.32	100.12	54.00	46.12	AVG	No Limit
3	2483.5000	39.73	7.32	47.05	74.00	-26.95	Peak	
4	2483.5000	30.54	7.32	37.86	54.00	-16.14	AVG	

Test Mode : TX 2480 MHz _CH39_1Mbps

Horizontal

130 dBuV/m



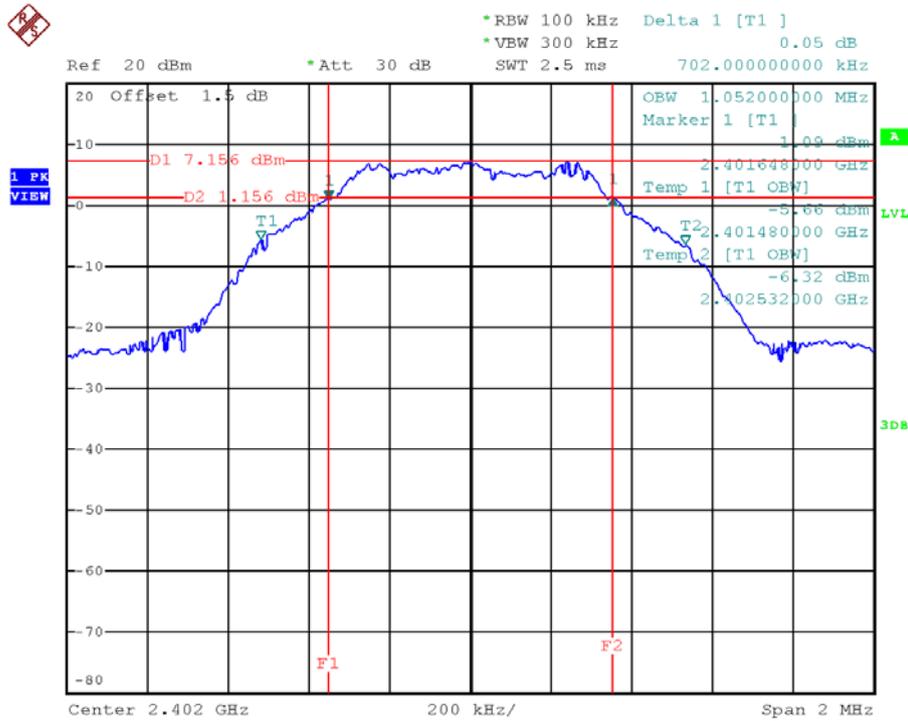
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2479.7500	101.99	7.32	109.31	74.00	35.31	Peak	No Limit
2 *	2480.0500	100.60	7.32	107.92	54.00	53.92	AVG	No Limit
3	2483.5000	41.31	7.32	48.63	74.00	-25.37	Peak	
4	2483.5000	33.27	7.32	40.59	54.00	-13.41	AVG	

APPENDIX E - BANDWIDTH

Test Mode: TX Mode

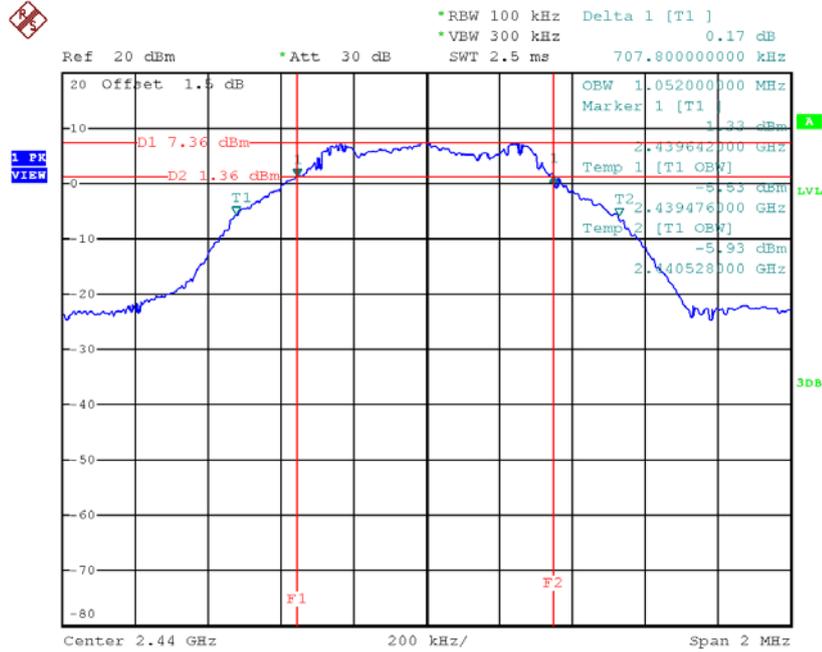
Frequency (MHz)	6 dB Bandwidth (MHz)	99% Occupied BW (MHz)	Min. Limit (kHz)	Test Result
2402	0.702	1.052	500	Pass
2440	0.708	1.052	500	Pass
2480	0.702	1.052	500	Pass

TX CH00



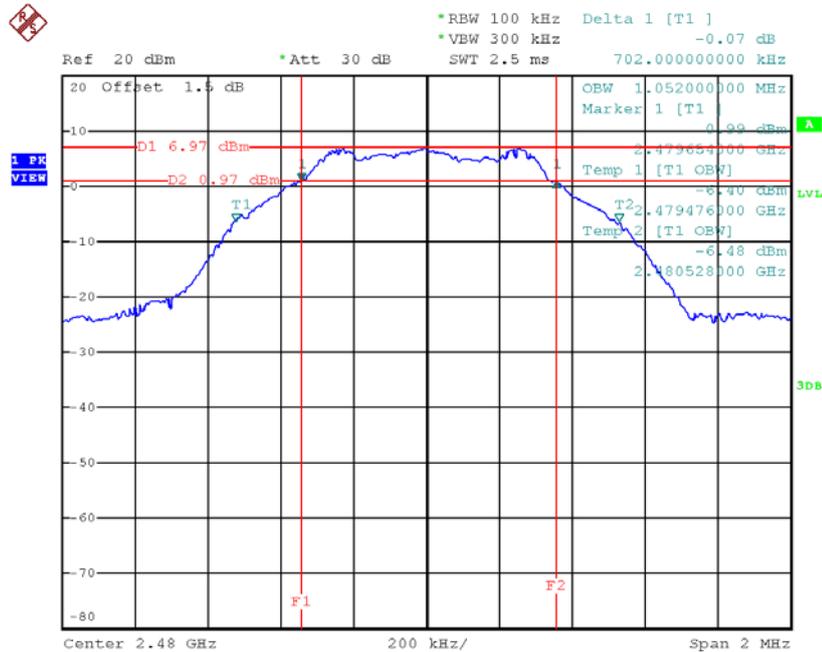
Date: 28.AUG.2018 09:24:54

TX CH19



Date: 28.AUG.2018 09:26:41

TX CH39



Date: 28.AUG.2018 09:30:16

APPENDIX F - MAXIMUM OUTPUT POWER TEST

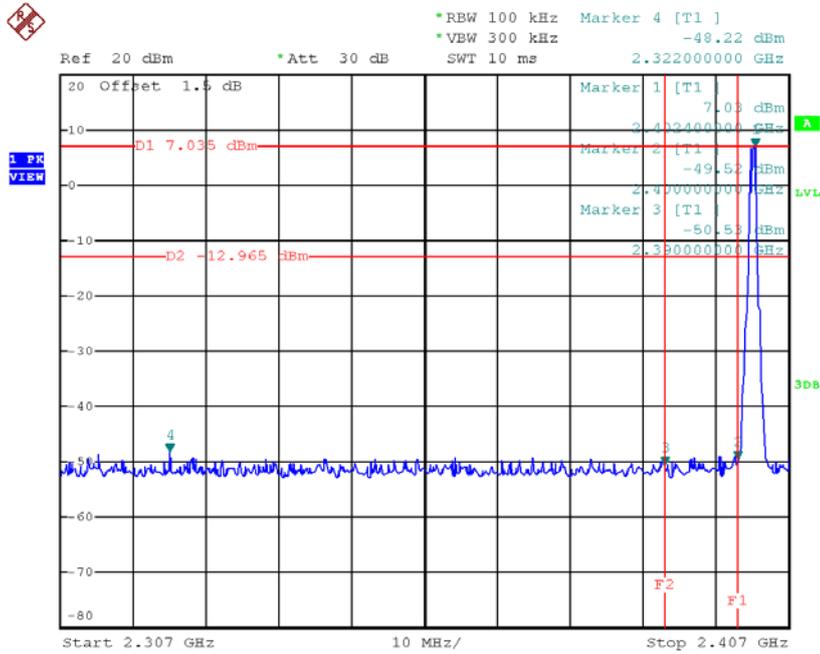
Test Mode : CH00, CH19 , CH39 - 1Mbps

Frequency (MHz)	Output Power (dBm)	Output Power (W)	Max. Limit (dBm)	Max. Limit (W)	Test Result
2402	8.12	0.0065	30.00	1.00	Pass
2440	8.33	0.0068	30.00	1.00	Pass
2480	7.97	0.0063	30.00	1.00	Pass

APPENDIX G - ANTENNA CONDUCTED SPURIOUS EMISSION

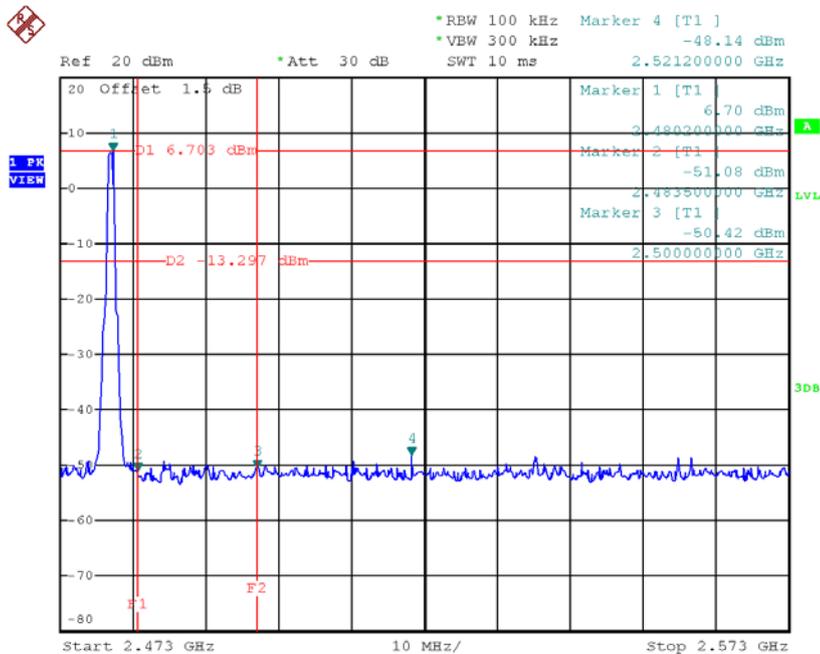
Test Mode : CH00, CH19 , CH39 - 1Mbps

CH00 (Lower) - 1Mbps



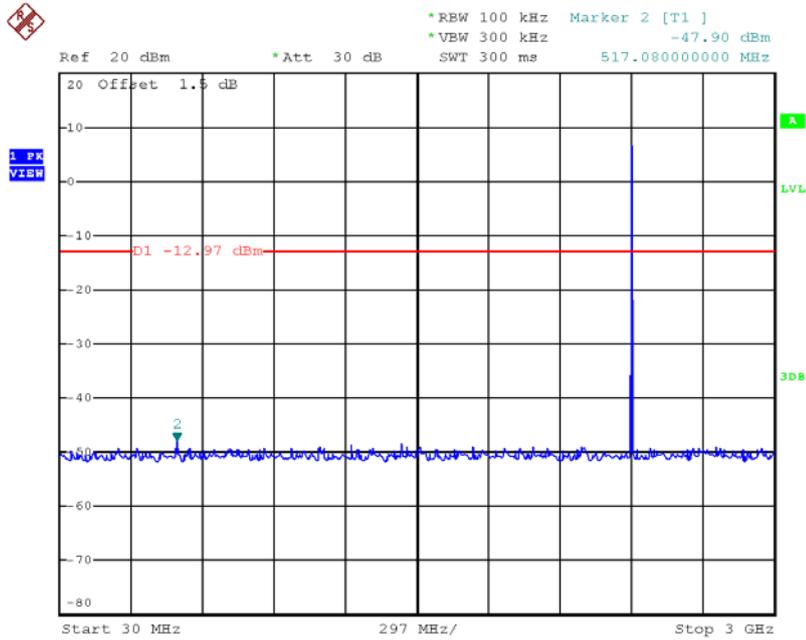
Date: 28.AUG.2018 09:25:03

CH39 (upper) - 1Mbps



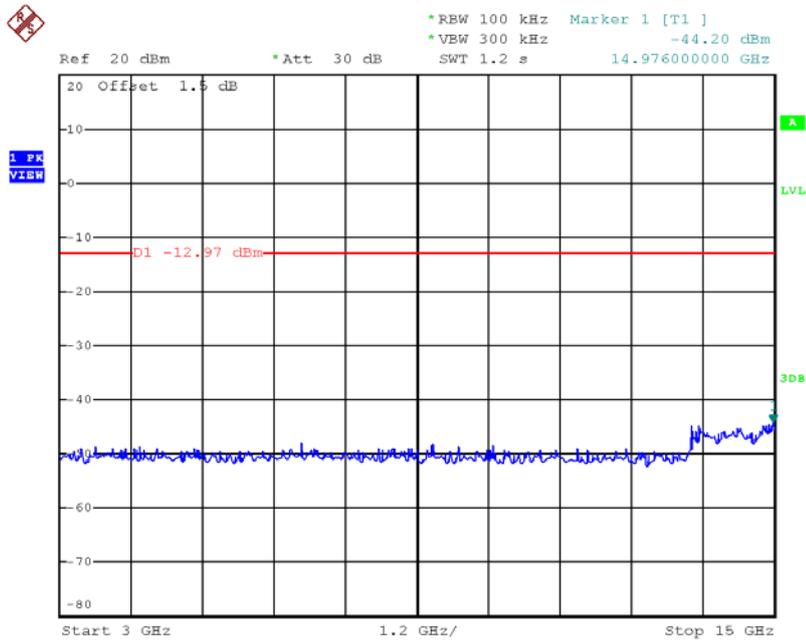
Date: 28.AUG.2018 09:30:42

CH00 (10th Harmonic of the frequency) 1



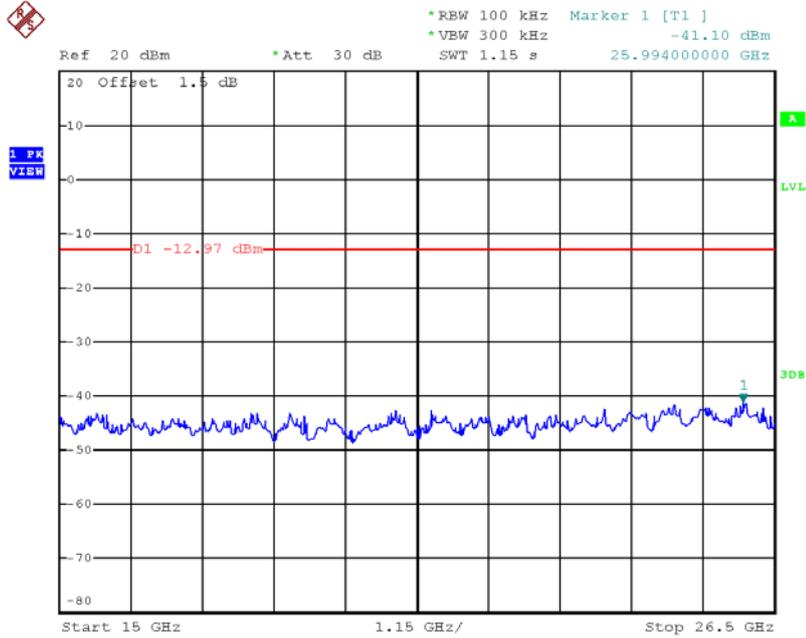
Date: 28.AUG.2018 09:25:17

CH00 (10th Harmonic of the frequency) 2



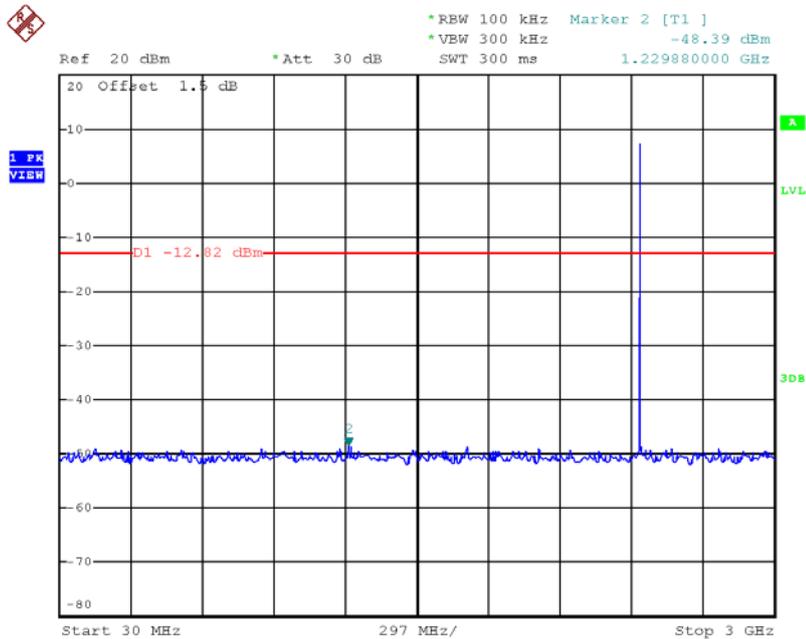
Date: 28.AUG.2018 09:25:25

CH00 (10th Harmonic of the frequency) 3



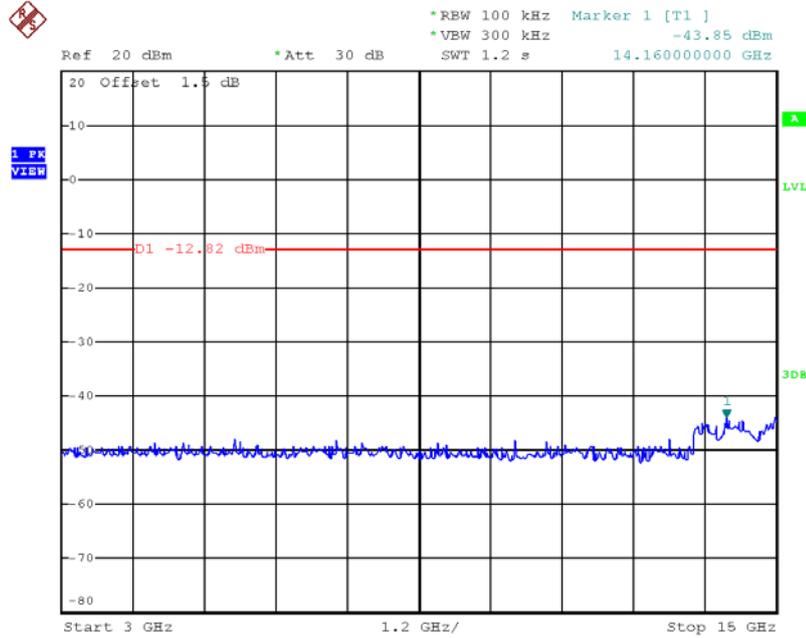
Date: 28.AUG.2018 09:25:33

CH19 (10th Harmonic of the frequency) 1



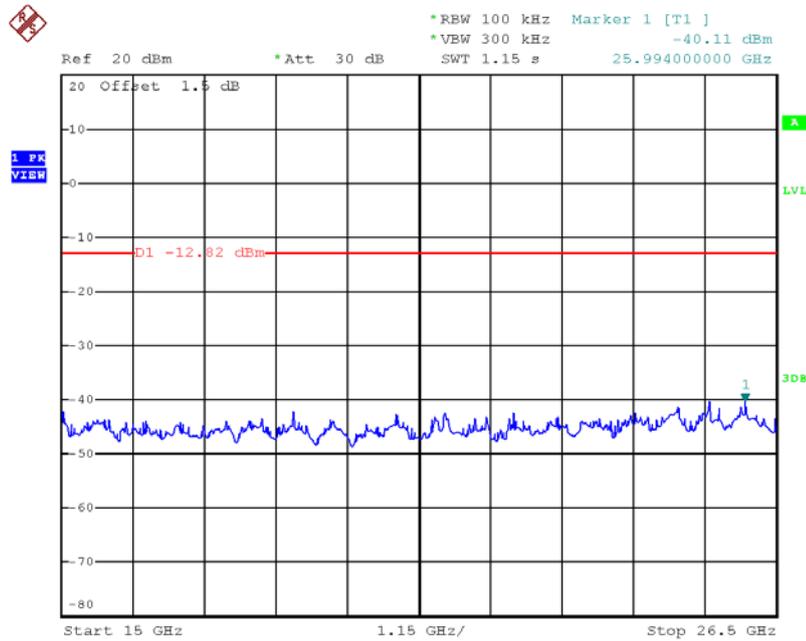
Date: 28.AUG.2018 09:27:20

CH19 (10th Harmonic of the frequency) 2



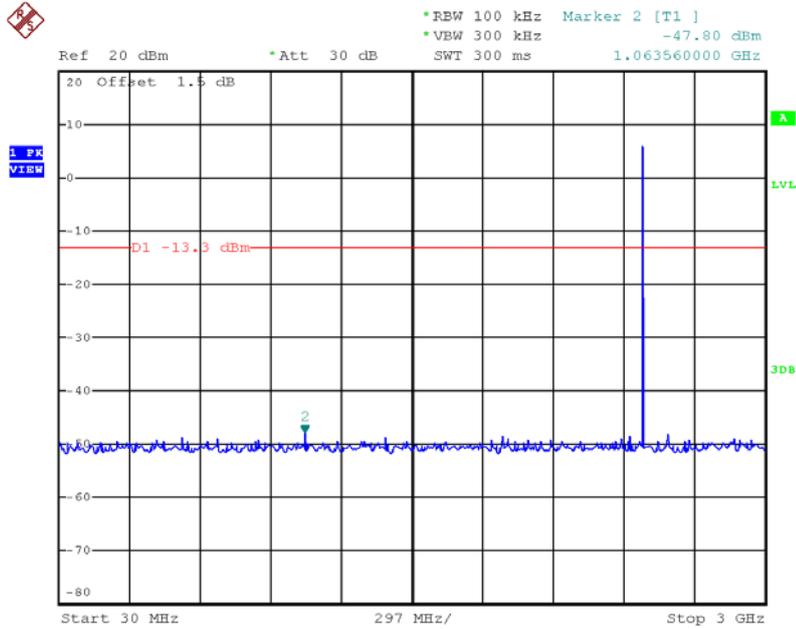
Date: 28.AUG.2018 09:27:28

CH19 (10th Harmonic of the frequency) 3



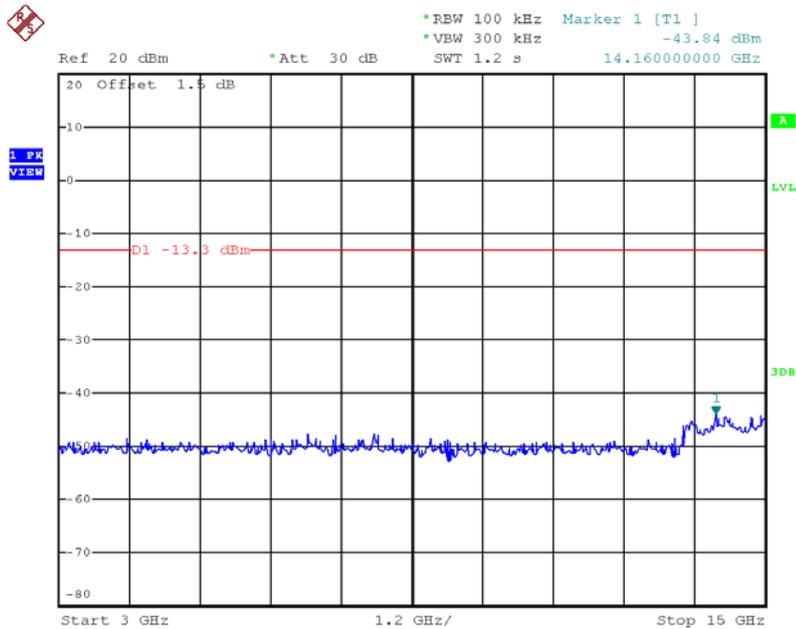
Date: 28.AUG.2018 09:27:36

CH39 (10th Harmonic of the frequency) 1



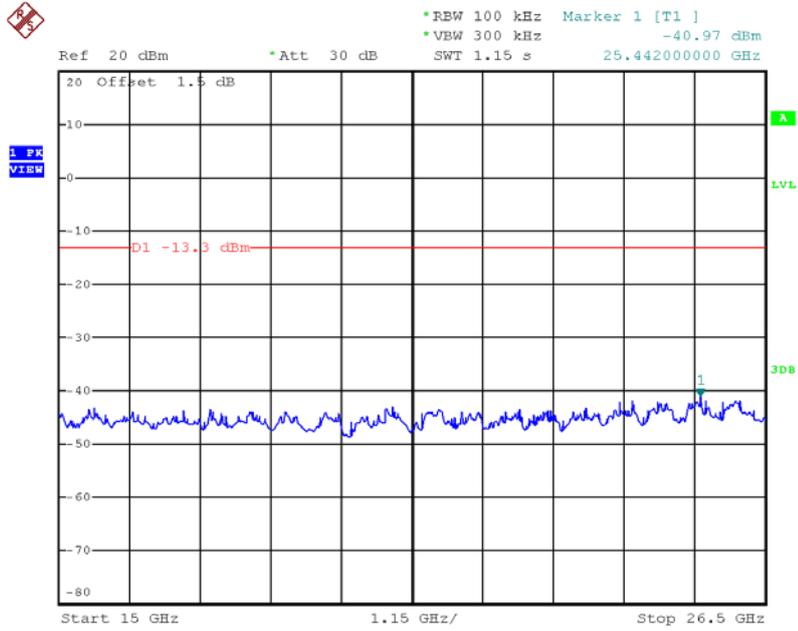
Date: 28.AUG.2018 09:30:56

CH39 (10th Harmonic of the frequency) 2



Date: 28.AUG.2018 09:31:04

CH39 (10th Harmonic of the frequency) 3



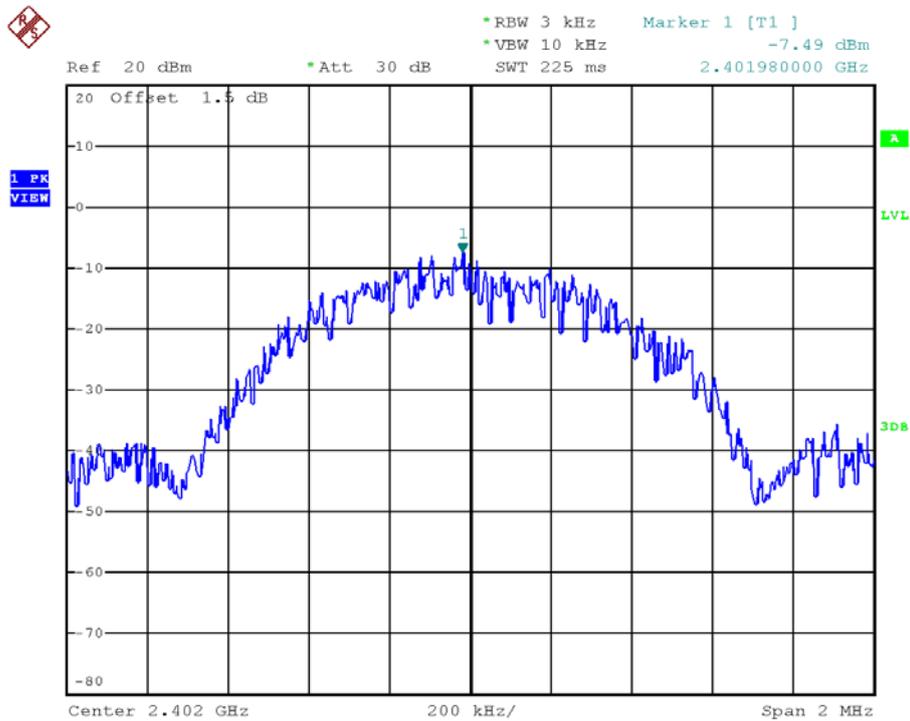
Date: 28.AUG.2018 09:31:12

APPENDIX H - POWER SPECTRAL DENSITY TEST

Test Mode: CH00, CH19 , CH39 - 1Mbps

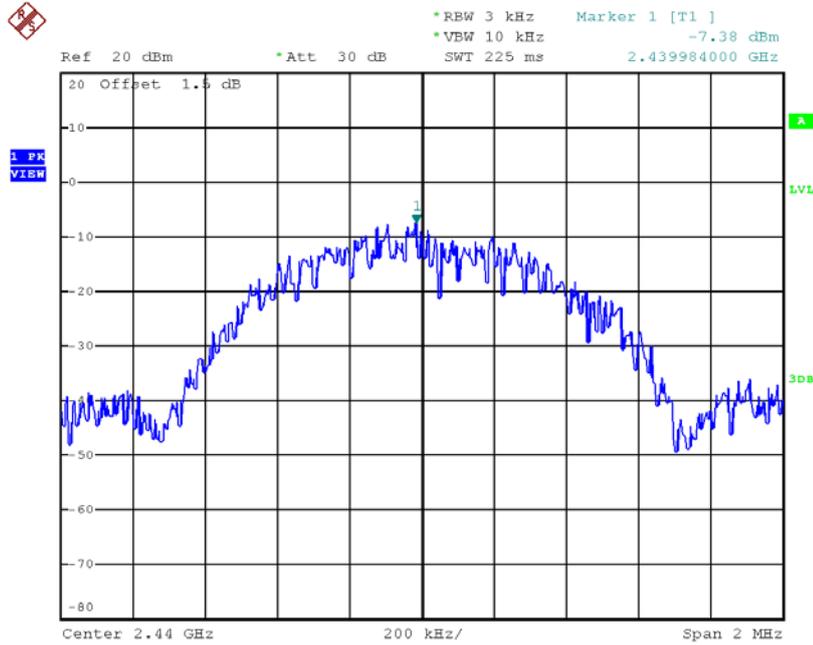
Frequency (MHz)	Power Density (dBm/3 kHz)	Power Density (mW/3 kHz)	Max. Limit (dBm/3 kHz)	Test Result
2402	-7.490	0.178	8.00	Pass
2440	-7.380	0.183	8.00	Pass
2480	-7.900	0.162	8.00	Pass

TX CH00



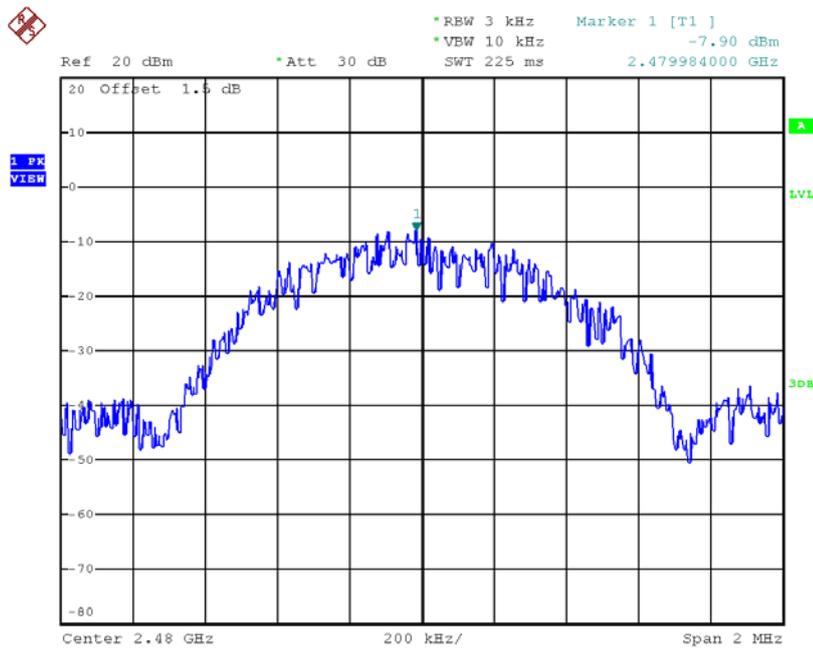
Date: 28.AUG.2018 09:25:40

TX CH19



Date: 28.AUG.2018 09:27:43

TX CH39



Date: 28.AUG.2018 09:31:19