FCC PART 15 SUBPART C TEST REPORT

for

Tablet Computer

Model No.: DT6

FCC ID: IR5DT6

of

Applicant: MilDef Crete Inc.
Address: 7F, No.250, Sec.3, Pei Shen Rd., Shen Keng District,
New Taipei City Taiwan R.O.C.

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: 930600

Industry Canada filed test laboratory Reg. No. IC 5679A-1

A2LA Accredited No.: 2732.01

Report No.: W6M21203-12301-C-1

6F, NO. 58, LANE 188, RUEY-KUANG RD., NEIHU TAIPEI 114, TAIWAN, R.O.C.
TEL: 886-2-66068877 FAX: 886-2-66068879 E-mail: wts@wts-lab.com

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1 General Information

1.1 Notes

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.
The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.
Furthermore, there is no guarantee that a test sample which has passed all the relevant tests conforms to a specification.
Neither is there any guarantee that such a test sample will interwork with other genuinely open systems.
The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that is performance generally conforms to representative cases of communications equipment.

The test results of this test report relate exclusively to the item tested as specified in 1.5.
The test report may only be reproduced or published in full.
Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services(Taiwan) Co., Ltd.

Specific Conditions:
Usage of the hereunder tested device in combination with other integrated or external antennas requires at least additional output power measurements, spurious emission measurements, conducted emission measurements (AC supply lines) and radio frequency exposure evaluations for each individual configuration performed, for certification by FCC.

Tester:

April 18, 2012		Rick Chen	Rick Chen.
Date	WTS-Lab.	Name	Signature

Technical responsibility for area of testing:

April 18, 2012		Danny Sung	Danny Sung
Date	WTS	Name	Signature

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

1.2 Testing laboratory

1.2.1 Location

OATS
No.5-1, Lishui, Shuang Sing Village,
Wanli Dist., New Taipei City 207,
Taiwan (R.O.C.)
3 meter semi-anechoic chamber
No.35, Aly. 21, Ln. 228, Ankang Rd., Neihu Dist., Taipei City 114, Taiwan (R.O.C.)
TEL:886-2-6613-0228
FAX:886-2-2791-5046

Company
Worldwide Testing Services(Taiwan) Co., Ltd.
6F, NO. 58, LANE 188, RUEY-KUANG RD.
NEIHU, TAIPEI 114, TAIWAN R.O.C.
Tel : 886-2-66068877
Fax : 886-2-66068879

1.2.2 Details of accreditation status

Accredited testing laboratory
A2LA accredited number: 2732.01
FCC filed test laboratory Reg. No. 930600
Industry Canada filed test laboratory Reg. No. IC 5679A-1

Test location, where different from Worldwide Testing Services (Taiwan) Co., Ltd. :

Name:	./.
Accredited number:	./.
Street:	./.
Town:	./.
Country:	./.
Telephone:	./.
Fax:	./.

1.3 Details of approval holder

Name:	MilDef Crete Inc.
Street:	7F, No.250, Sec.3, Pei Shen Rd.,
Town:	Shen Keng District, New Taipei City
Country:	Taiwan R.O.C.
Telephone:	+886-2-2662-6074*653
Fax:	+886-2-2664-2662

1.4 Application details

Date of receipt of test item:	March 16, 2012
Date of test:	from March 19, 2012 to April 17, 2012

1.5 General information of Test item

Type of test item:	Tablet Computer
Model Number:	DT6
Brand Name:	./.
Multi-listing model number:	./.
Photos:	see Appendix

Technical data

Frequency band: 5.745 GHz-5.825 GHz, 2.4 GHz – 2.4835 GHz

802.11a

Frequency (ch 149):	5.745 GHz
Frequency (ch 157):	5.785 GHz
Frequency (ch 165):	5.825 GHz

11n 20MHz

Frequency (ch 149):	5.745 GHz
Frequency (ch 157):	5.785 GHz
Frequency (ch 165):	5.825 GHz

11n 40MHz

Frequency (ch 151):	5.755 GHz
Frequency (ch 159):	5.795 GHz

11b, 11g, 11n 20MHz

Frequency (ch 1 or A):	2.412 GHz
Frequency (ch 6 or B):	2.437 GHz
Frequency (ch 11 or C):	2.462 GHz

11n 40MHz

Frequency (ch 1 or A):	2.422 GHz
Frequency (ch 4 or B):	2.437 GHz
Frequency (ch 7 or C):	2.452 GHz

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Bluetooth Normal, EDR

Frequency (ch A):	2.402 GHz
Frequency (ch B):	2.441 GHz
Frequency (ch C):	2.480 GHz
Number of Channels:	11a, 11n 20MHz : 5 channels 11n 40MHz: 2channels 11b, 11g, 11n 20MHz: 11 channels 11n 40MHz: 7channels Bluetooth 2.1: 79 channels
Operation modes:	duplex
Modulation Type:	DSSS/OFDM、GFSK、π/4DQPSK、8DPSK
Fixed point-to-point operation:	☐ Yes / ☒ No
Type of Antenna:	PIFA Antenna
Antenna gain:	802.11a/n(20MHz&40MHz) -0.25 dBi 802.11b/g/n(20MHz&40MHz) 1.98 dBi Bluetooth 2.33 dBi
Power supply:	Adapter :(I/P:100-240V~1.2A, 50-60Hz,O/P:19V, 4.75A) Battery :11.1VDC
Emission designator:	11a: OFDM: 17M3D1D 11b: DSSS: 15M3G1D 11g: OFDM: 17M0D1D 11n 20MHz: OFDM: 18M4D1D 11n 40MHz: OFDM: 36M5D1D Bluetooth 2.1(Normal): 1M0F1D Bluetooth (EDR): 1M28G1D
Host device:	none

Classification :

Fixed Device	☐
Mobile Device (Human Body distance ＞ 20cm)	☐
Portable Device (Human Body distance ＜ 20cm)	☒
Modular Radio Device	☐

Transmitter **Unom**

Mode A (802.11a)

Power (ch 149 or A):	Conducted: 20.05 dBm
Power (ch 157 or B):	Conducted: 19.07 dBm
Power (ch 165 or C):	Conducted: 16.18 dBm

Mode B (802.11n 20MHz)
Frequency (ch 149 or A): Conducted: 17.50 dBm
Frequency (ch 157 or B): Conducted: 18.01 dBm
Frequency (ch 165 or C): Conducted: 15.85 dBm

Mode C (802.11n 40MHz)
Frequency (ch 151 or A): Conducted: 18.39 dBm
Frequency (ch 159 or B): Conducted: 17.72 dBm

Mode D (802.11b)
Power (ch 1 or A): Conducted: 21.96 dBm
Power (ch 6 or B): Conducted: 20.79 dBm
Power (ch 11 or C): Conducted: 20.20 dBm

Mode E(802.11g)
Power (ch 1 or A): Conducted: 20.26 dBm
Power (ch 6 or B): Conducted: 19.96 dBm
Power (ch 11 or C): Conducted: 19.70 dBm

Mode F (802.11n 20 MHz)
Power (ch 1 or A): Conducted: 18.88 dBm
Power (ch 6 or B): Conducted: 17.66 dBm
Power (ch 11 or C): Conducted: 17.97 dBm

Mode G (802.11n 40 MHz)
Power (ch 1 or A): Conducted: 19.97 dBm
Power (ch 4 or B): Conducted: 18.93 dBm
Power (ch 7 or C): Conducted: 19.16 dBm

Mode H (Bluetooth 2.1 Normal mode)
Power (ch 0 or A): Conducted: 0.14 dBm
Power (ch 39 or B): Conducted: -0.23 dBm
Power (ch 78 or C): Conducted: -1.43 dBm

Mode I (Bluetooth EDR mode)
Power (ch 0 or A): Conducted: 3.96 dBm
Power (ch 39 or B): Conducted: 3.37 dBm
Power (ch 78 or C): Conducted: 0.57 dBm

Average power
Mode A (802.11a) : 9.63 dBm
Mode B (802.11n 20MHz) : 7.85 dBm
Mode C (802.11n 40MHz) : 8.03 dBm
Mode D (802.11b) : 17.99 dBm
Mode E (802.11g) : 10.45 dBm
Mode F (802.11n 20MHz) : 8.77 dBm
Mode G (802.11n 40MHz) : 9.46 dBm

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Manufacturer: (if applicable)

Name:	./.
Street:	./.
Town:	./.
Country:	./.

1.6 Test standards

Technical standard : FCC RULES PART 15 SUBPART C § 15.247 (2010-10)

2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed. ☒

or

The deviations as specified in 2.5 were ascertained in the course of the tests performed. ☐

2.2 Test environment

Temperature:	23 °C
Relative humidity content:	20 ... 75 %
Air pressure:	86 ... 103 kPa
Power supply:	Adapter :(I/P:100-240V~1.2A, 50-60Hz,O/P:19V, 4.75A) Battery :11.1VDC
Extreme conditions parameters:	./.

2.3 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2011/9/2	2012/9/1
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 004	ZWEILEITER-V-NETZNACHBILDUNG TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2011/12/28	2012/12/27
ETSTW-CE 005	Line-Impedance Stabilisation Network	NNBM 8126D	137	Schwarzbeck	2011/9/5	2012/9/4
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2012/3/5	2013/3/4
ETSTW-CE 007	SPECTRUM ANALYZER 5GHz	FSB	849670/001	R&S	Pre-test Use	
ETSTW-CE 008	HF-EICHLEITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function Test	
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2011/7/13	2012/7/12
ETSTW-CE 013	CISPR 22 TWO BALANCED TELECOM PAIRS IMPEDANCE STABILIZATION NETWORK	FCC-TLISN-T4-02	20242	FCC	2011/9/6	2012/9/5
ETSTW-CE 024	IMPEDANCE STABILIZATION NETWORK	ISN T800	29454	TESEQ	2012/1/4	2013/1/3
ETSTW-CS 004	COUPLING AND DECOUPLING NETWORK	CDN M016	20053	SCHAFFNER	2011/8/12	2012/8/11
ETSTW-CS 005	RF Power Amplifier	100A250A	306547	AR	Function Test	
ETSTW-CS 010	6 dB Attenuator	SA3N1007-06	None	AISI	2011/7/29	2012/7/28
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2011/8/16	2012/8/15
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2011/9/5	2012/9/4
ETSTW-RE 005	EMI TEST RECEIVER	ESVS10	843207/020	R&S	2011/9/2	2012/9/1
ETSTW-RE 010	ABSORBING CLAMP	MDS 21	3469	Schwarzbeck	2011/9/7	2012/9/6
ETSTW-RE 012	TUNABLE BANDREJECT FILTER	D.C 0309	146	K&L	Function Test	
ETSTW-RE 013	TUNABLE BANDREJECT FILTER	D.C 0336	397	K&L	Function Test	
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2010/10/4	2012/10/3
ETSTW-RE 019	MICROWAVE HORN ANTENNA	22240-25	121074	FM	2011/4/25	2012/4/24
ETSTW-RE 020	MICROWAVE HORN ANTENNA	AT4002A	306915	AR	Function Test	
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2011/7/19	2012/7/18
ETSTW-RE 028	Log-Periodic Dipole Array Antenna	3148	34429	EMCO	Function Test	
ETSTW-RE 029	Biconical Antenna	3109	33524	EMCO	Function Test	
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	EMCO	2012/2/21	2013/2/20
ETSTW-RE 032	Millivoltmeter	URV 55	849086/013	R&S	2011/10/4	2012/10/3
ETSTW-RE 033	WaveRunner 6000A Serise Oscilloscope	WAVERUNNER 6100A	LCRY0604P14508	LeCroy	Function Test	
ETSTW-RE 034	Power Sensor	URV5-Z4	839313/006	R&S	2011/10/4	2012/10/3
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2012/1/10	2013/1/9
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2011/4/26	2012/4/25

ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2011/4/25	2012/4/24
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 048	Triple Loop Antenna	HXYZ 9170	HXYZ 9170-134	Schwarzbeck	2011/8/29	2012/8/28
ETSTW-RE 049	TRILOG Super Broadband test Antenna	VULB 9160	9160-3185	Schwarzbeck	2012/3/23	2013/3/22
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2012/3/3	2013/3/2
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2012/3/3	2013/3/2
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2012/3/3	2013/3/2
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2011/5/30	2012/5/29
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2012/3/3	2013/3/2
ETSTW-RE 061	Amplifier Module	CHC 1	None	ETS	2011/5/18	2012/5/17
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2011/11/29	2012/11/28
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	Function Test	
ETSTW-RE 065	Amplifier	AMF-6F-18002650-25-10P	941608	MITEQ	2012/4/6	2013/4/5
ETSTW-RE 069	Double-Ridged Guide Horn Antenna	3117	00069377	EMCO	Function Test	
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2011/10/5	2012/10/4
ETSTW-RE 073	Power Meter	N1911A	MY45100769	Agilent	2012/1/4	2013/1/3
ETSTW-RE 074	Power Sensor	N1921A	MY45241198	Agilent	2012/1/4	2013/1/3
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2011/10/13	2012/10/12
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2012/3/5	2013/3/4
ETSTW-RE 105	2.4GHz Notch Filter	NO124411	39555	MICROWAVE CIRCUITS, INC.	2012/3/5	2013/3/4
ETSTW-RE 106	Humidity Temperature Meter	TES-1366	091011113	TES	2011/12/1	2012/11/30
ETSTW-RE 111	TRILOG Super Broadband test Antenna	VULB 9160	9160-3309	Schwarz beck	2011/12/27	2012/12/26
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	None	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2012/1/12	2013/1/11
ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2011/7/4	2012/7/3
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2011/8/19	2012/8/18
ETSTW-RE 126	5GHz Notch filter	5NSL11-5800/E221.3-O/O	1	K&L Microwave	2011/8/19	2012/8/18
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2012/3/3	2013/3/2
ETSTW-EMI 001	HARMONICS 1000	HAR1000-1P	093	EMC-PARTNER	2011/9/1	2012/8/31
ETSTW-EMS 001	BASELSTRASSE 160 CH-4242 LAUFEN	CN-EFT1000	354	EMC-PARTNER	Function Test	
ETSTW-EMS 002	Frequency Converter	YF-6020	0308014	None	Function Test	
ETSTW-EMS 003	EMC Immunity Test System	TRA2000IN6	579	EMC-PARTNER	2011/11/2	2012/11/1
ETSTW-EMS 009	Magnetic Field Antenna	MF1000-1	104	EMC-PARTNER	Function Test	
ETSTW-EMS 010	Coupling De-coupling Network	CDN-UTP8	014	EMC-PARTNER	Function Test	
ETSTW-EMS 012	EM Injection Clamp	F-203I-23MM	476	FCC	2011/6/1	2012/5/31

ETSTW-EMS 016	EMF Tester	1390	071208732	TES	2011/10/6	2012/10/5
ETSTW-EMS 017	Multimeter	DM-1220	518614	HOLA	2011/8/11	2012/8/10
ETSTW-EMS 019	Electrostatic Discharge Simulator	ESS-2002	ESS06Y6300	NoiseKen	2011/10/31	2012/10/30
ETSTW-EMS 020	Humidity Temperature Meter	TES-1366	091011116	TES	2011/12/20	2012/12/19
ETSTW-RS 003	RF Power Amplifier	30S1G3	306933	AR	Function Test	
ETSTW-RS 004	RF Power Amplifier	150W1000	307009	AR	Function Test	
ETSTW-RS 006	SIGNAL GENERATOR	SML03	101551	R&S	2012/2/29	2013/2/28
ETSTW-RS 007	14" COLOR VIDEO MONITOR	HS-CM145A	0512011548	None	Function Test	
ETSTW-RS 009	SIGNAL GENERATOR	8648C	3642U01656	HP	2012/2/20	2013/2/19
ETSTW-RS 010	Broadband Field Meter	NBM-520	C-0195	Narda	2011/9/8	2012/9/7
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2011/10/4	2012/10/3
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2012/1/13	2013/1/12
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2012/1/13	2013/1/12
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2012/1/13	2013/1/12
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2012/1/13	2013/1/12
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2011/9/19	2012/9/18
ETSTW-Cable 002	Microwave Cable	SUCOFLEX 104 (S_Cable 7)	238093	HUBER+SUHNER	2011/5/18	2012/5/17
ETSTW-Cable 003	Microwave Cable	SUCOFLEX 104 (S_Cable 11)	209953	HUBER+SUHNER	2011/5/18	2012/5/17
ETSTW-Cable 010	BNC Cable	5 M BNC Cable	None	JYE BAO CO.,LTD.	2012/3/5	2013/3/4
ETSTW-Cable 011	BNC Cable	BNC Cable 1	None	JYE BAO CO.,LTD.	Pre-test Use NCR	
ETSTW-Cable 012	N TYPE To SMA Cable	Cable 012	None	JYE BAO CO.,LTD.	2012/3/5	2013/3/4
ETSTW-Cable 013	Microwave Cable	SUCOFLEX 104 (S_Cable 5)	232345	HUBER+SUHNER	Function Test	
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2012/3/3	2013/3/2
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2012/3/3	2013/3/2
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2012/3/3	2013/3/2
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2012/3/3	2013/3/2
ETSTW-Cable 022	N TYPE Cable	5006	0002	JYE BAO CO.,LTD.	2012/4/6	2013/4/5
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2012/3/5	2013/3/4
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2012/3/5	2013/3/4
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2011/10/13	2012/10/12
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2011/10/13	2012/10/12
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104 (S_Cable 9)	279067	HUBER+SUHNER	2012/3/5	2013/3/4
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104 (S_Cable 10)	238092	HUBER+SUHNER	2011/11/29	2012/11/28
ETSTW-Cable 032	Microwave Cable	SUCOFLEX 104 (S_Cable 12)	237301	HUBER+SUHNER	Function Test	
ETSTW-Cable 039	Microwave Cable	SUCOFLEX 104 (S_Cable 19)	316739	HUBER+SUHNER	2011/5/18	2012/5/17
ETSTW-Cable 040	Microwave Cable	SUCOFLEX 104 (S_Cable 20)	316738	HUBER+SUHNER	Function Test	

ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2011/11/29	2012/11/28
ETSTW-Cable 047	Microwave Cable	SUCOFLEX 104	325518	HUBER+SUHNER	2011/11/29	2012/11/28
ETSTW-Cable 051	BNC Cable	BNC Cable 6	None	JYE BAO CO.,LTD.	2012/3/30	2013/3/29
ETSTW-Cable 052	BNC Cable	Clamp Cable	None	Schwarz beck	2012/3/30	2013/3/29
ETSTW-Cable 053	N TYPE To SMA Cable	RG142	None	JYE BAO CO.,LTD.	2012/4/6	2013/4/5
ETSTW-Cable 054	BNC To SMA Cable	RG142	None	JYE BAO CO.,LTD.	2012/4/6	2013/4/5
ETSTW-Cable 055	NTYPE Cable	N30N30-JBY240-80CM	20110621-1.1	JYE BAO CO.,LTD.	Function Test	
ETSTW-Cable 056	N TYPE Cable	N30N30-JBY240-80CM	20110621-1.0	JYE BAO CO.,LTD.	Function Test	
ETSTW-Cable 057	N TYPE Cable	N30N30-JBY240-80CM	20110621-1.1	JYE BAO CO.,LTD.	Function Test	
WTSTW-SW 001	EMI TEST SOFTWARE	Harmonics-1000	None	EMC PARTNER	HARCS Version 4.16 Firmware Version 2.18	
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMC	None	Farad	Version ETS-03A1	
WTSTW-SW 003	EMS TEST SOFTWARE	i2	None	AUDIX	Version 3.2007-8-17b	

2.4 General Test Procedure

POWER LINE CONDUCTED INTERFERENCE: The procedure used was ANSI STANDARD C63.4-2009 5.2 using a 50μH LISN (if necessary). Both lines were observed. The bandwidth of the spectrum analyzer was 10 kHz with an appropriate sweep speed.

RADIATION INTERFERENCE: The test procedure used was according to ANSI STANDARD C63.4-2009 6.4 employing a spectrum analyzer. For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100kHz respectively with an appropriate sweep speed. For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBμV) to the antenna correction factor supplied by the antenna manufacturer. The antenna correction factors are stated in terms of dB.

Example:

Freq (MHz)	METER READING + ACF + CABLE LOSS (to the receiver) = FS
33	20 dBμV + 10.36 dB + 6 dB = 36.36 dBμV/m @3m

The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m (non metallic table) and arranged according to ANSI C63.4-2009 6.3.1. The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

(1) If the intentional radiator operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.
(2) If the intentional radiator operates at or above 10 GHz and below 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.
(3) If the intentional radiator operates at or above 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 200 GHz, whichever is lower, unless specified otherwise elsewhere in the rules.
(4) If the intentional radiator contains a digital device, regardless of whether this digital device controls the functions of the intentional radiator or the digital device is used for additional control or function purposes other than to enable the operation of the intentional radiator, the frequency range shall be investigated up to the range specified in paragraphs (a)(1)-(a)(3) of this section or the range applicable to the digital device, as shown in paragraph (b)(1) of this Section, whichever is the higher frequency range of investigation.

For hand-held devices, a exploratory test was performed with three (3) orthogonal planes to determine the highest emissions.
Measurements were made by Worldwide Testing Services(Taiwan) Co., Ltd. at the registered open field test site located at No.5-1, Lishui, Shuang Sing Village, Wanli Dist., New Taipei City 207, Taiwan (R.O.C.). The Registration Number: 930600.
When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.

When the radiated emission limits are expressed in terms of the average value of the emission, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum value.

The formula is as follows:
Average = Peak + Duty Factor
Duty Factor = 20 log (dwell time/T)
T = 100ms when the pulse train period is over 100 ms or the period of the pulse train.

Modified Limits for peak according to 15.35 (b) = Max Permitted average Limits + 20dB

ANSI STANDARD C63.4-2009 10.2.7: Any measurements that utilize special test software shall be indicated and referenced in the test report. During testing, test software 'EZ EMC' was used for setting up different operation modes.

3 Test results (enclosure)

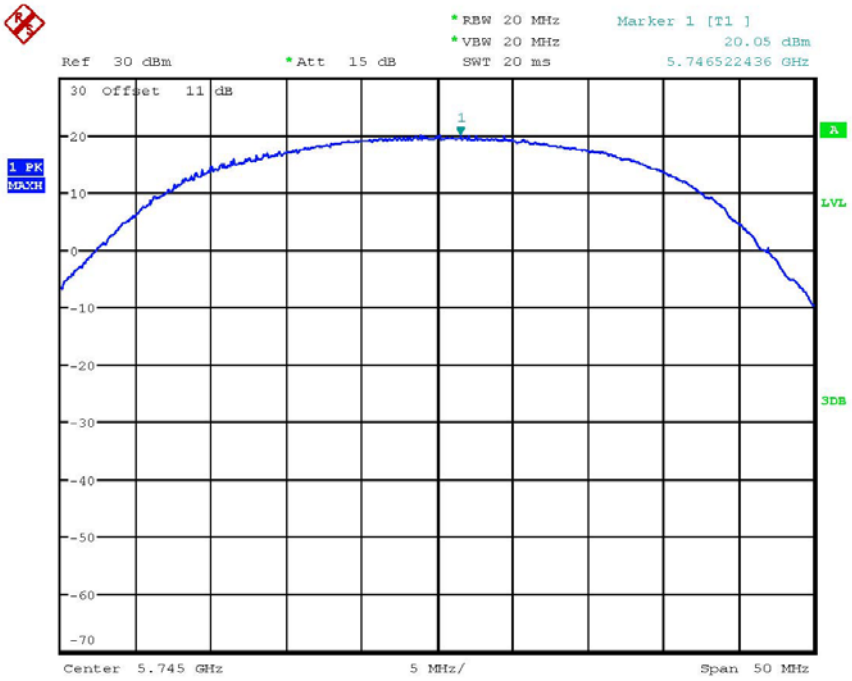
TEST CASE	Para. Number	Required	Test passed	Test failed
Peak Output Power	15.247(b)	☒	☒	☐
Equivalent radiated Power	15.247(b)	☒	☒	☐
Spurious Emissions radiated – Transmitter operating	15.247(c)	☒	☒	☐
Spurious Emissions conducted – Transmitter operating	15.247	☐	☐	☐
Carrier Frequency Separation	15.247(a) (1)	☒	☒	☐
Number of Hopping Frequencies	15.247(a) (1)(i)	☒	☒	☐
Time of Occupancy (Dwell Time)	15.247(a) (1)(i)	☒	☒	☐
20 dB Bandwidth	15.247(a) (1)(i)	☒	☒	☐
Minimum 6 dB Bandwidth	15.247(a)(2)	☒	☒	☐
Band-edge Compliance of RF Emission	15.247(c)	☒	☒	☐
Peak Power Spectral Density	15.247(d)	☒	☒	☐
Radiated Emission from Digital Part	15.109	☐	☐	☐
Power Line Conducted Emission	15.207(a)	☒	☒	☐

3.1 Peak Output Power (transmitter)

FCC Rule: 15.247(b)(3)

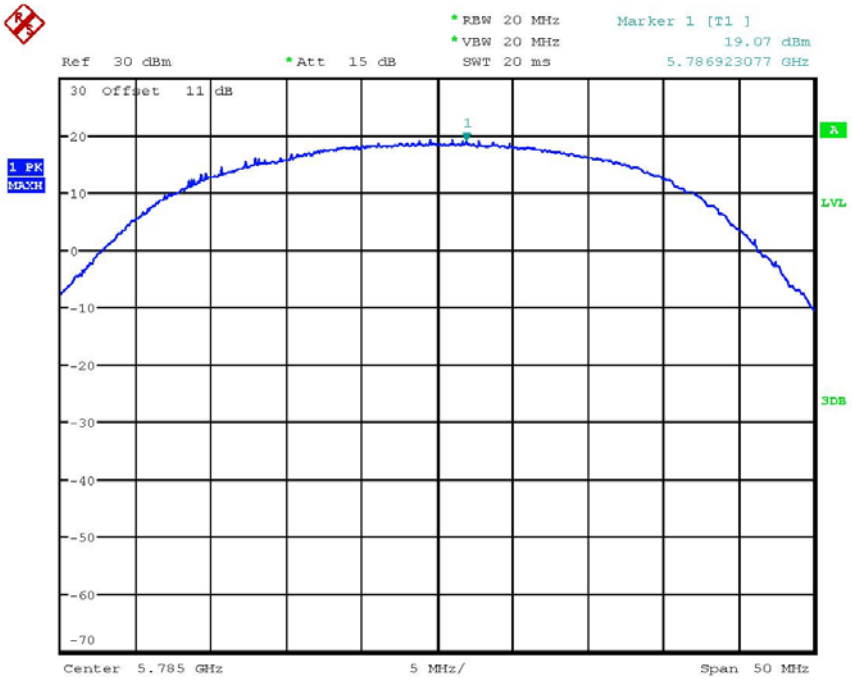
This measurement applies to equipment with an integral antenna and to equipment with an antenna connector and equipped with an antenna as declared by the applicant.
The power was measured with modulation (declared by the applicant).

Mode A

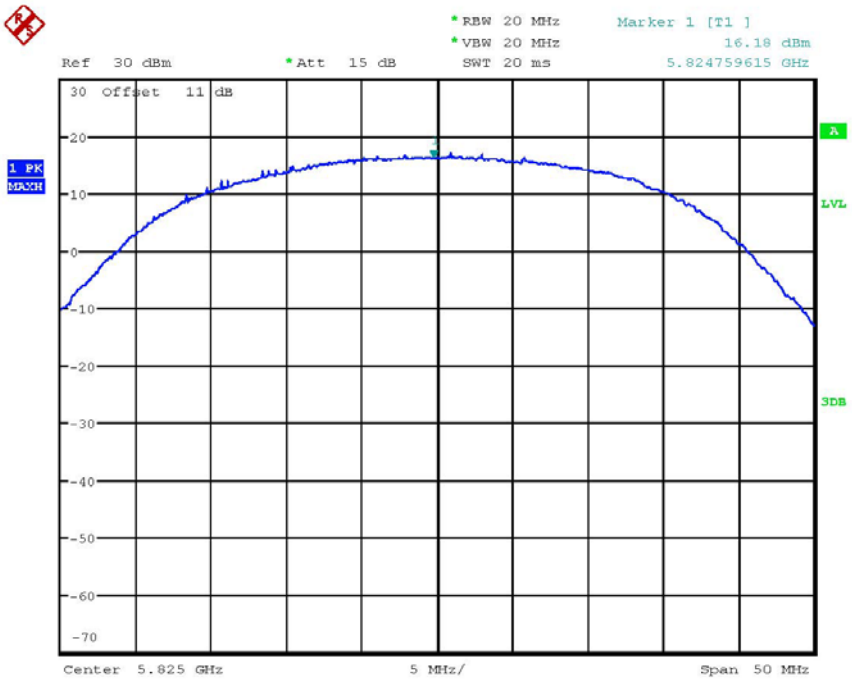


MAX OUTPUT POWER TX 802.11A CH149
Date: 22.MAR.2012 10:21:33

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



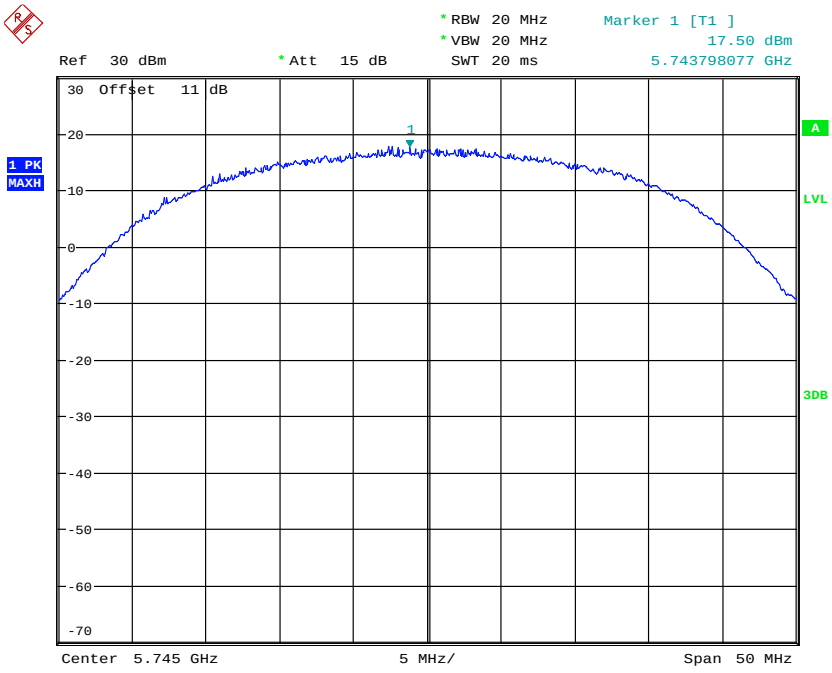
MAX OUTPUT POWER TX 802.11A CH157
Date: 22.MAR.2012 10:20:25



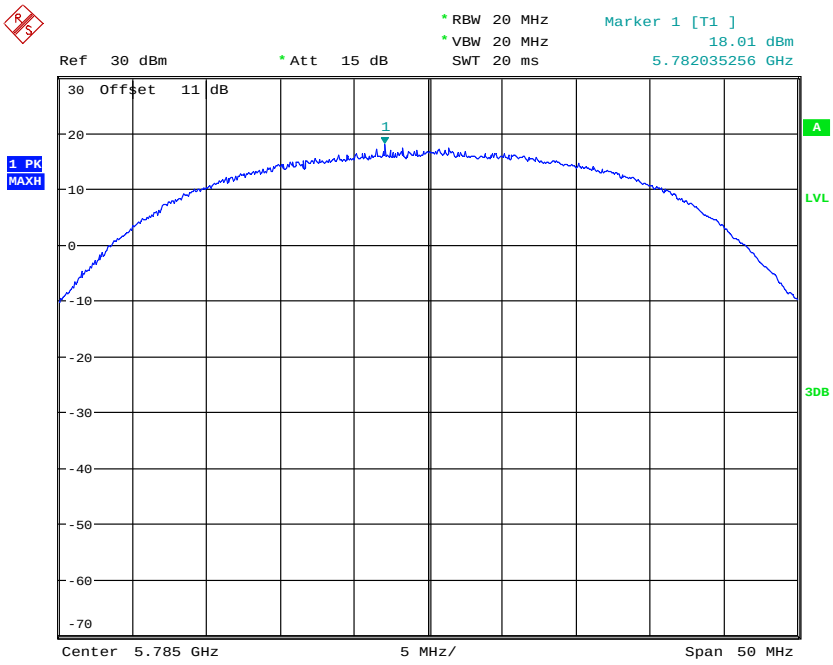
MAX OUTPUT POWER TX 802.11A CH165
Date: 22.MAR.2012 10:19:40

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode B

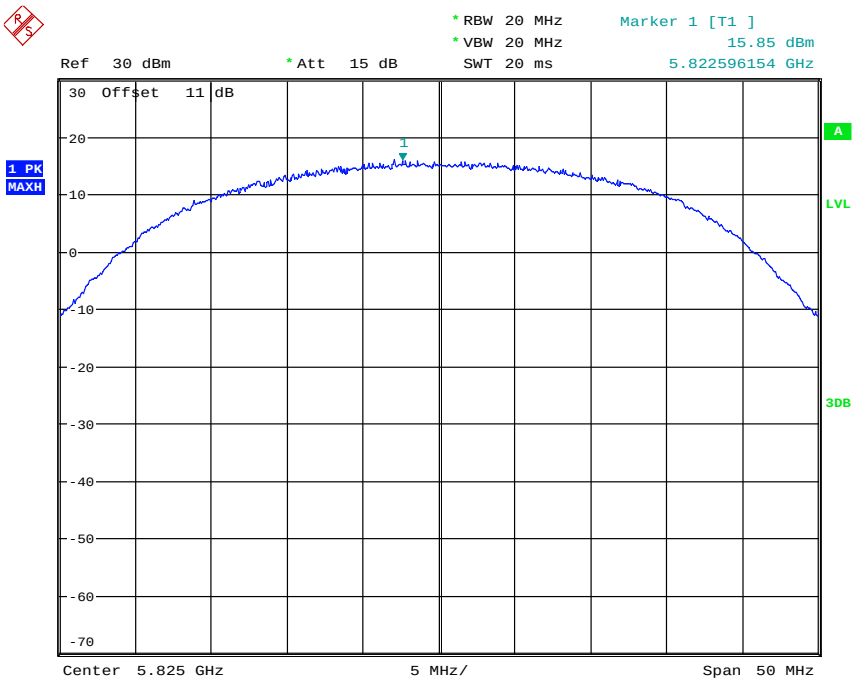


MAX OUTPUT POWER 802.11N 20M CH149
Date: 12.APR.2012 10:54:51



MAX OUTPUT POWER 802.11N 20M CH157
Date: 12.APR.2012 10:55:27

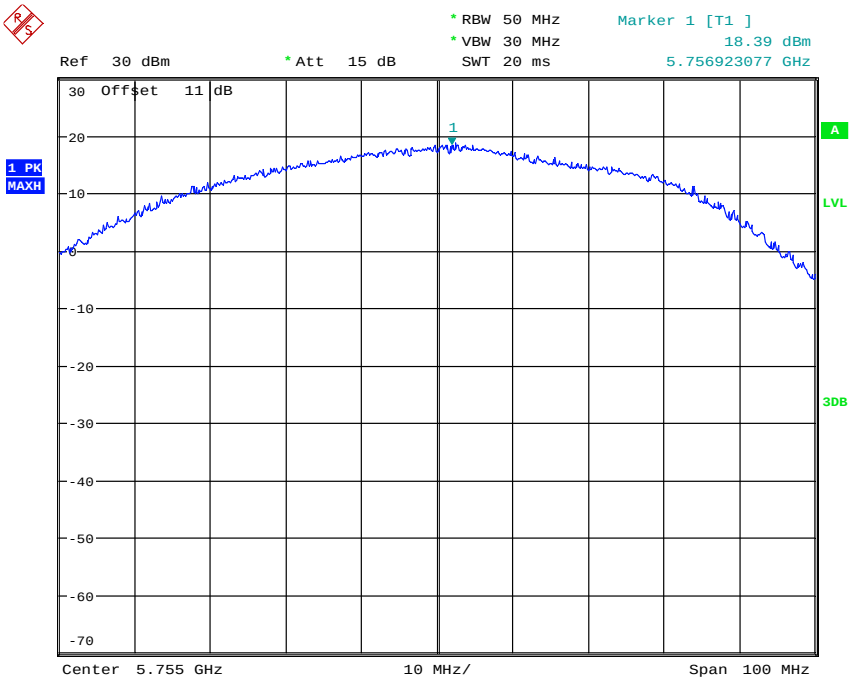
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



MAX OUTPUT POWER 802.11N 20M CH165
Date: 12.APR.2012 10:55:54

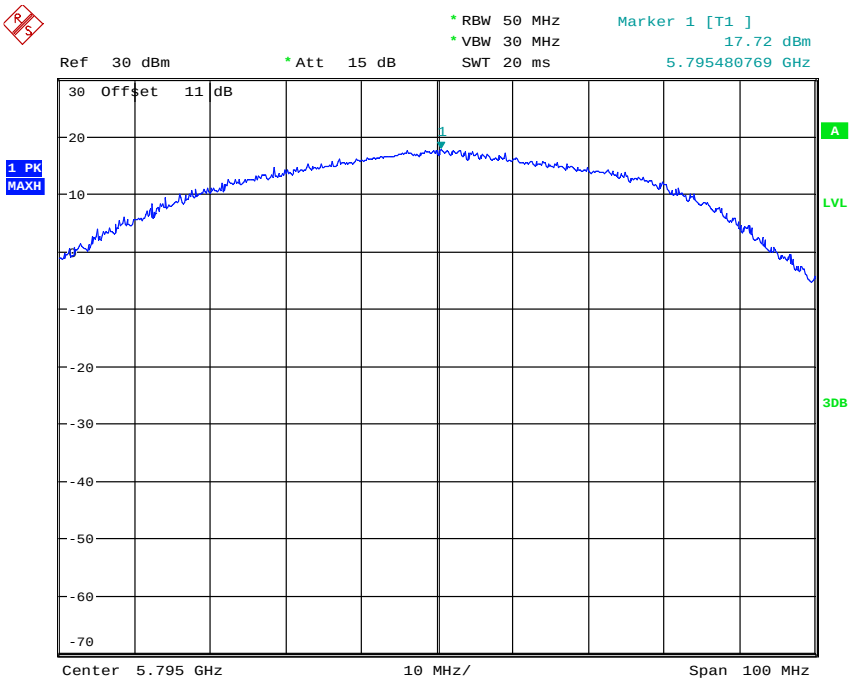
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode C



MAX OUTPUT POWER 802.11N 40M CH151

Date: 12.APR.2012 11:12:43

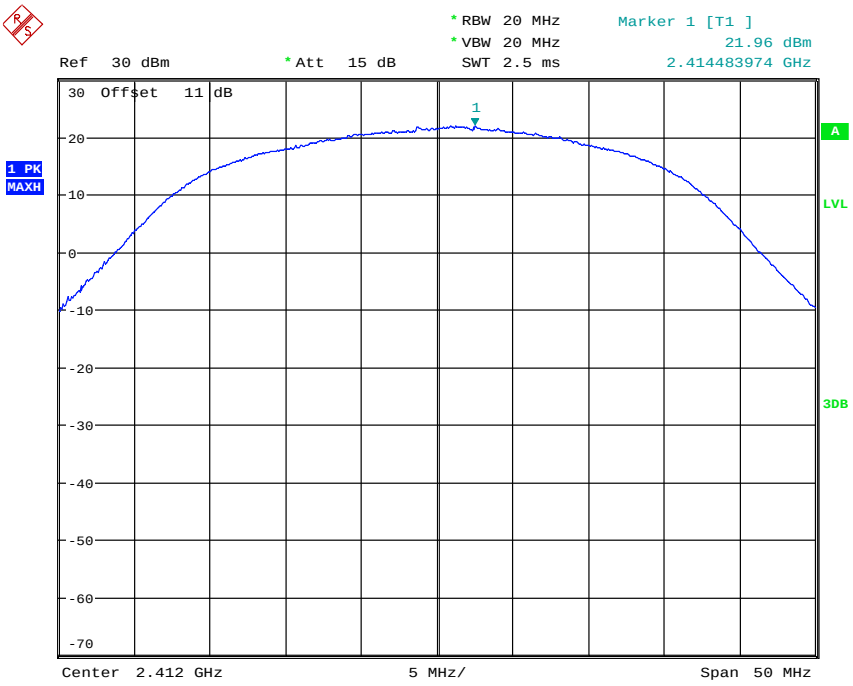


MAX OUTPUT POWER 802.11N 40M CH159

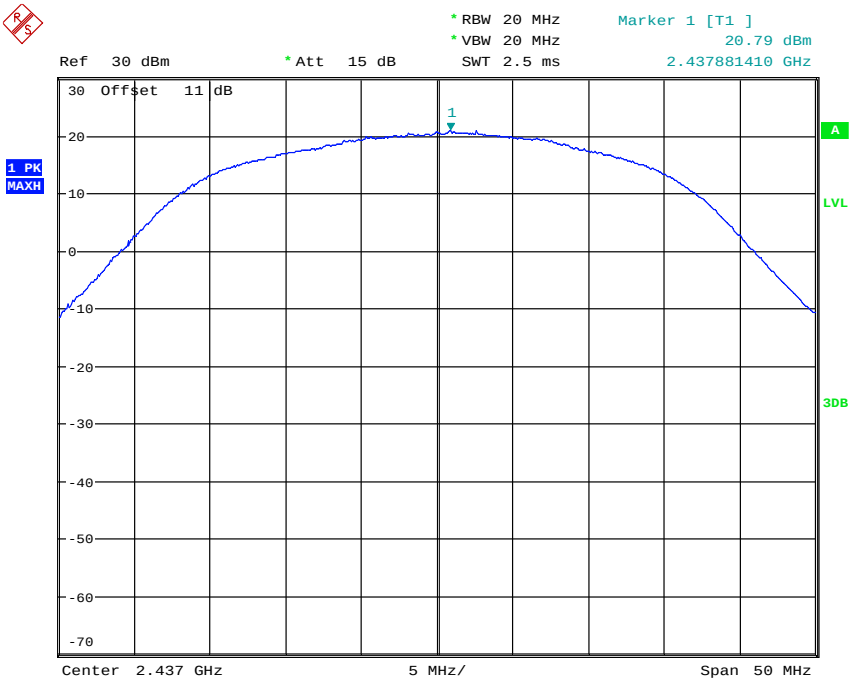
Date: 12.APR.2012 11:13:17

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode D

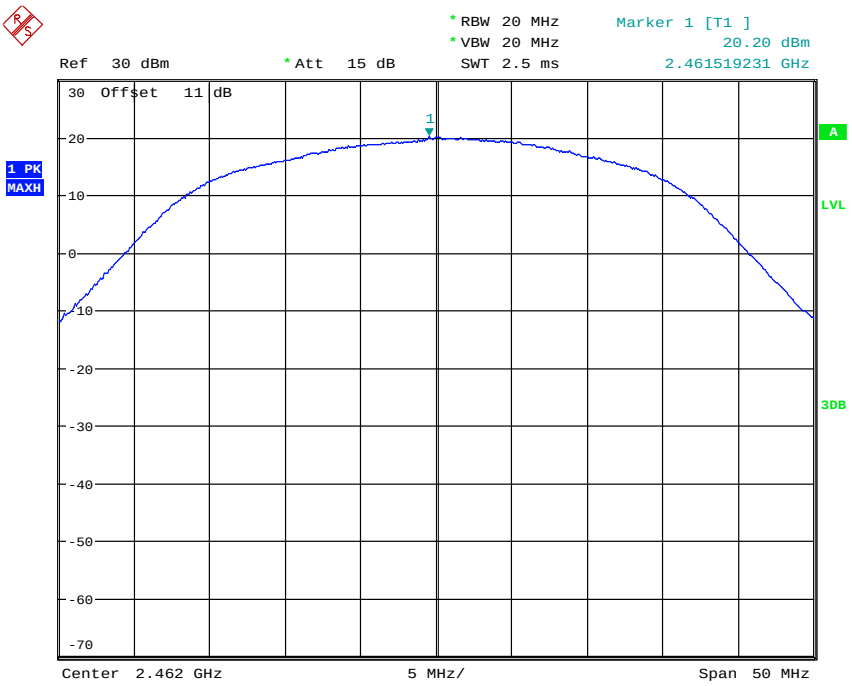


MAX OUTPUT POWER 802.11B CH01
Date: 22.MAR.2012 09:51:31



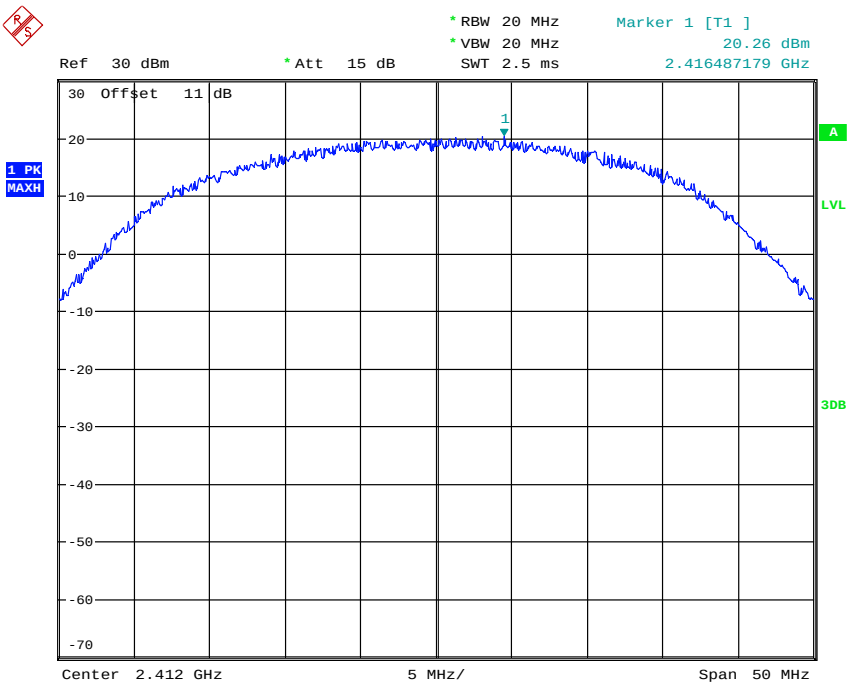
MAX OUTPUT POWER 802.11B CH06
Date: 22.MAR.2012 09:38:07

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



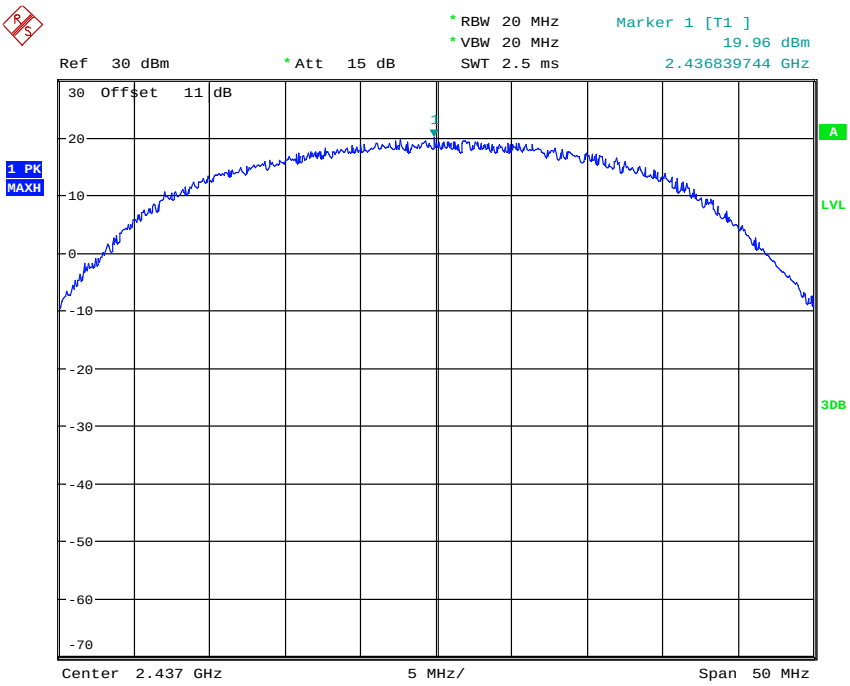
MAX OUTPUT POWER 802.11B CH11
Date: 22.MAR.2012 09:38:41

Mode E

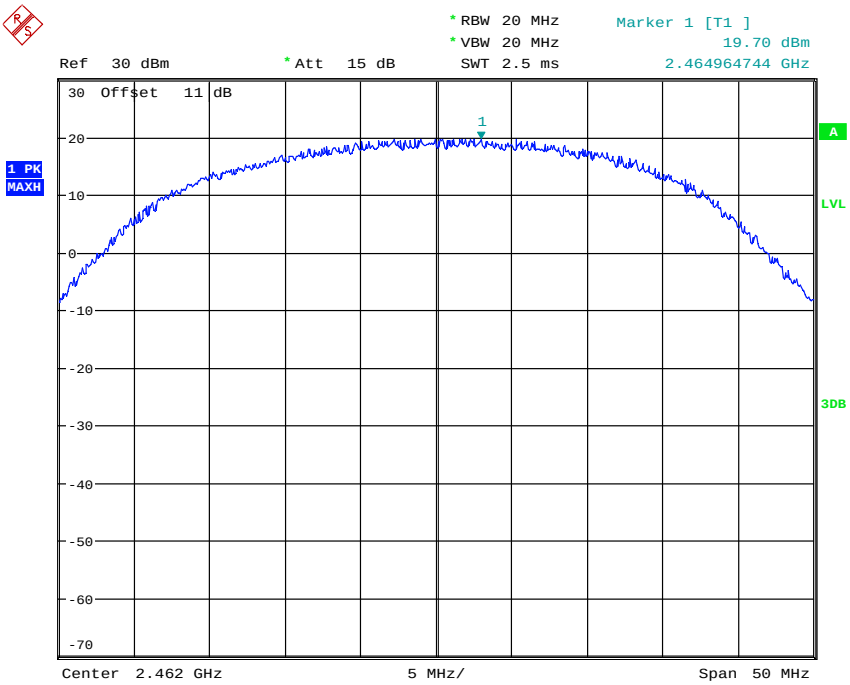


MAX OUTPUT POWER 802.11G CH01
Date: 22.MAR.2012 09:39:28

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



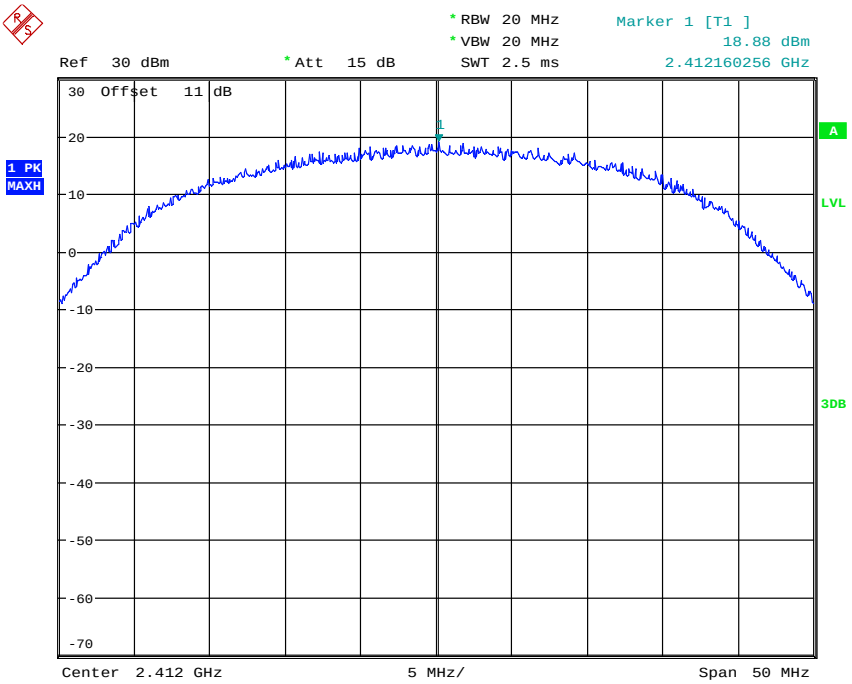
MAX OUTPUT POWER 802.11G CH06
Date: 22.MAR.2012 09:40:16



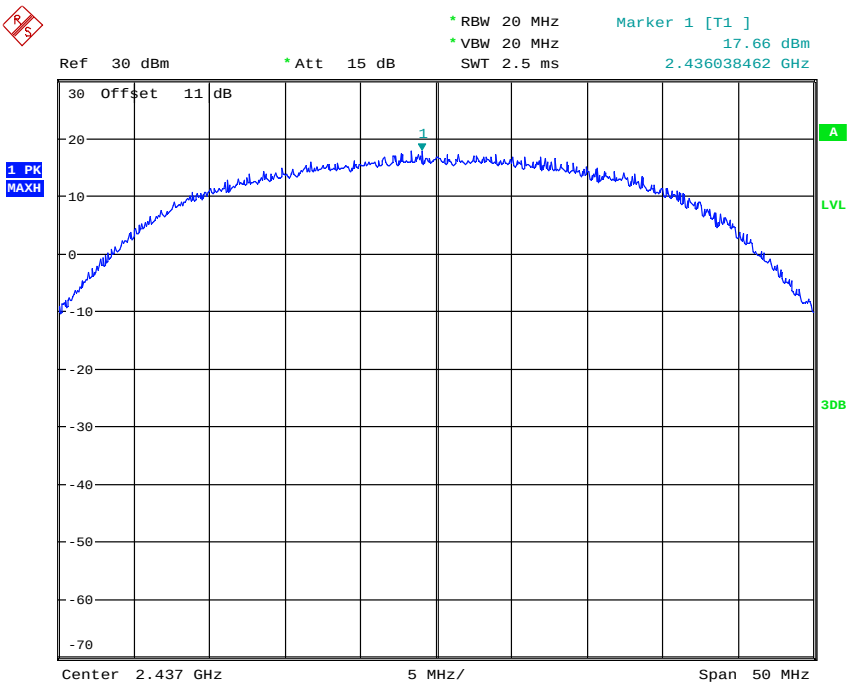
MAX OUTPUT POWER 802.11G CH11
Date: 22.MAR.2012 09:40:53

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode F

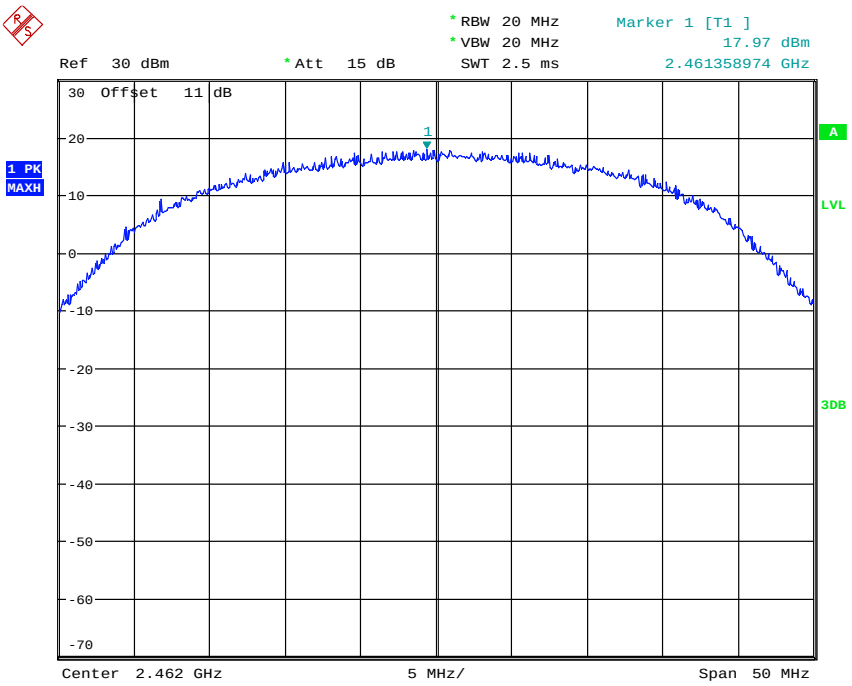


MAX OUTPUT POWER 802.11N 20MHZ CH01
Date: 22.MAR.2012 09:41:55



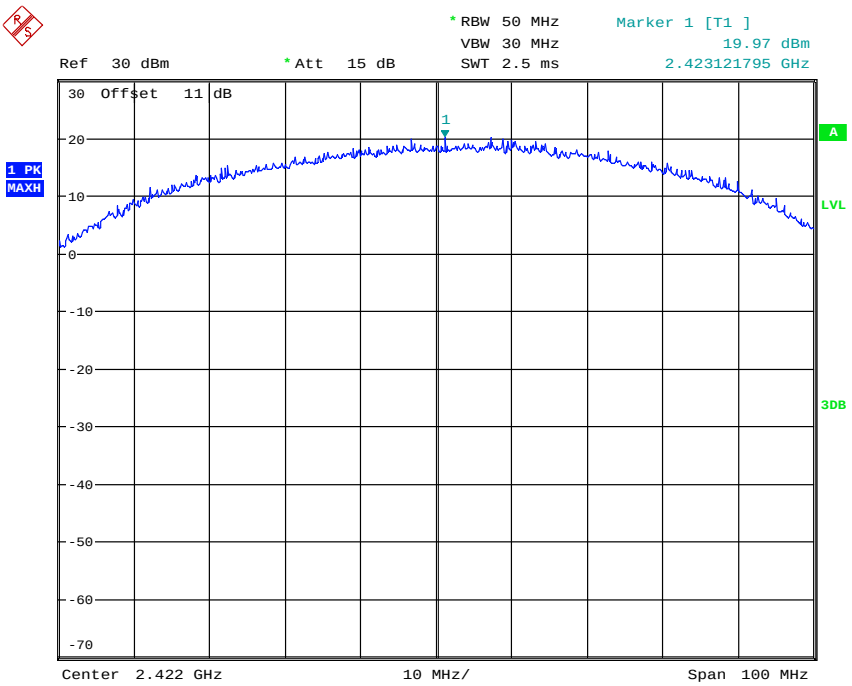
MAX OUTPUT POWER 802.11N 20MHZ CH06
Date: 22.MAR.2012 09:42:33

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



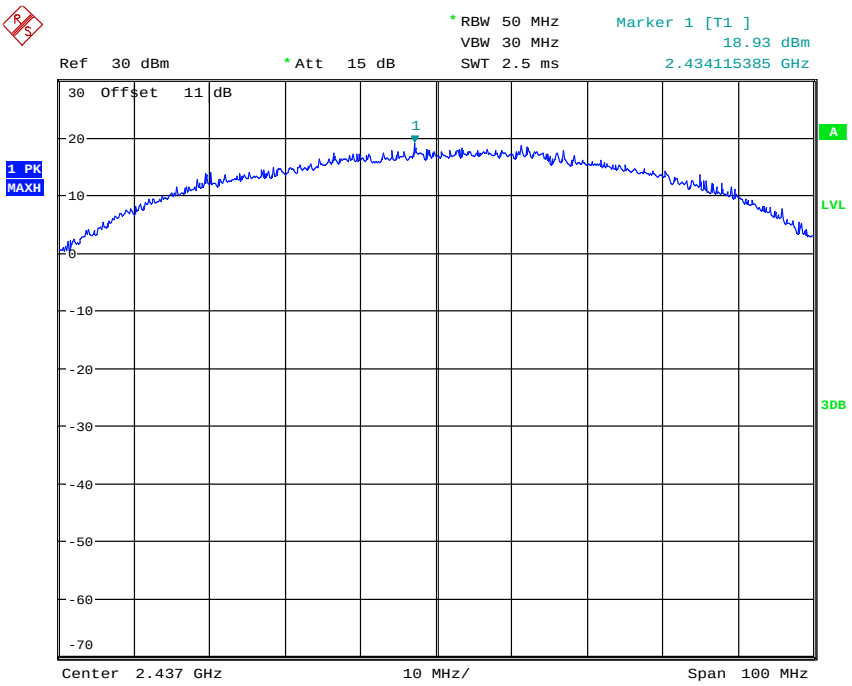
MAX OUTPUT POWER 802.11N 20MHZ CH11
Date: 22.MAR.2012 09:43:06

Mode G



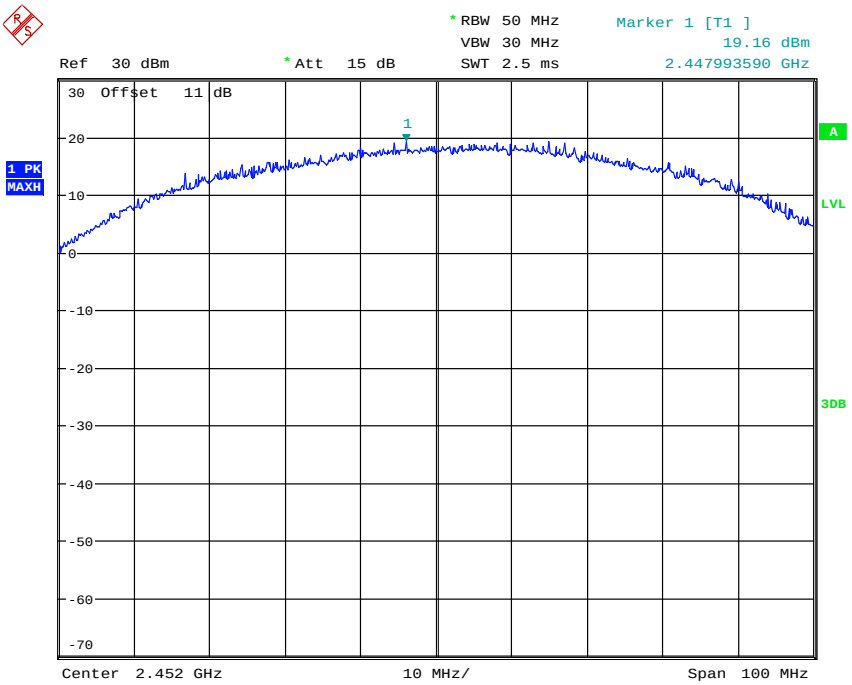
MAX OUTPUT POWER 802.11N 40MHZ CH01
Date: 22.MAR.2012 09:43:53

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



MAX OUTPUT POWER 802.11N 40MHZ CH04

Date: 22.MAR.2012 09:44:51

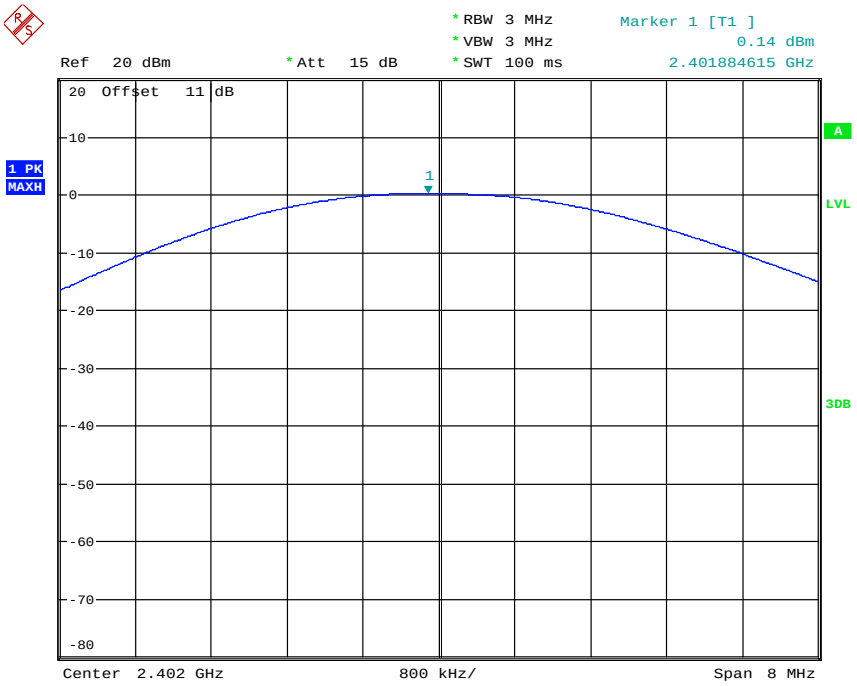


MAX OUTPUT POWER 802.11N 40MHZ CH07

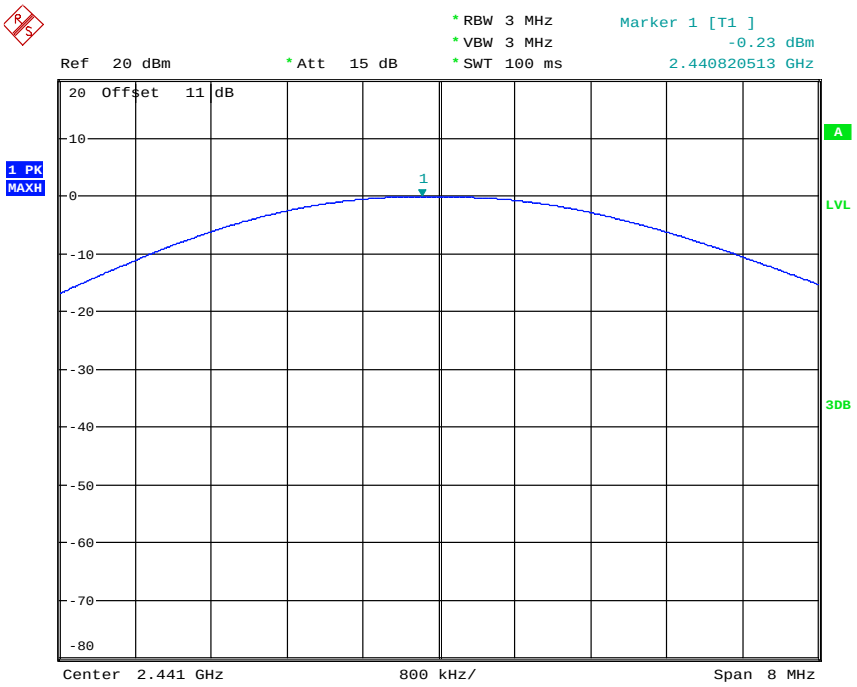
Date: 22.MAR.2012 09:45:29

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode H

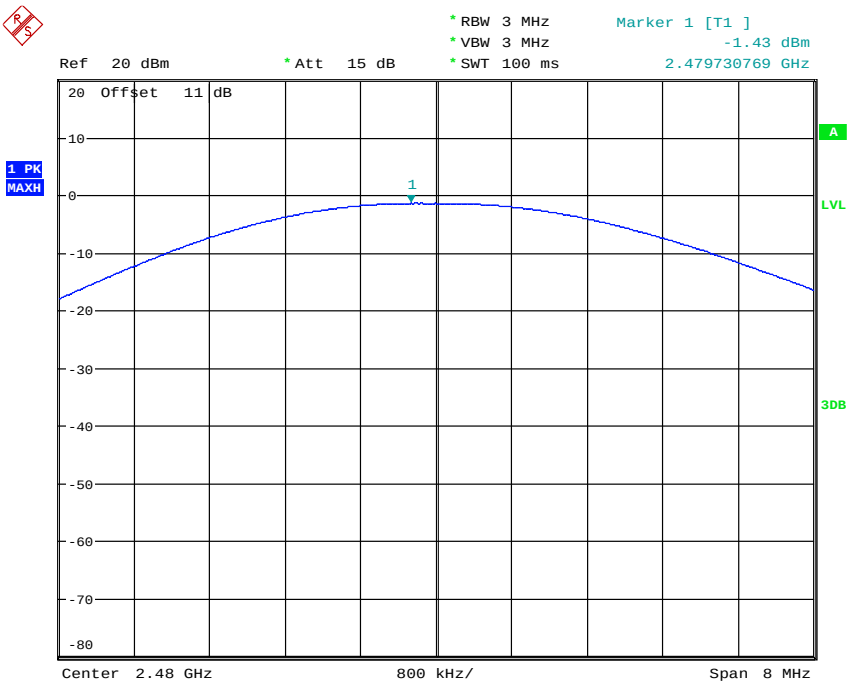


MAX OUTPUT POWER CH0
Date: 22.MAR.2012 11:44:46



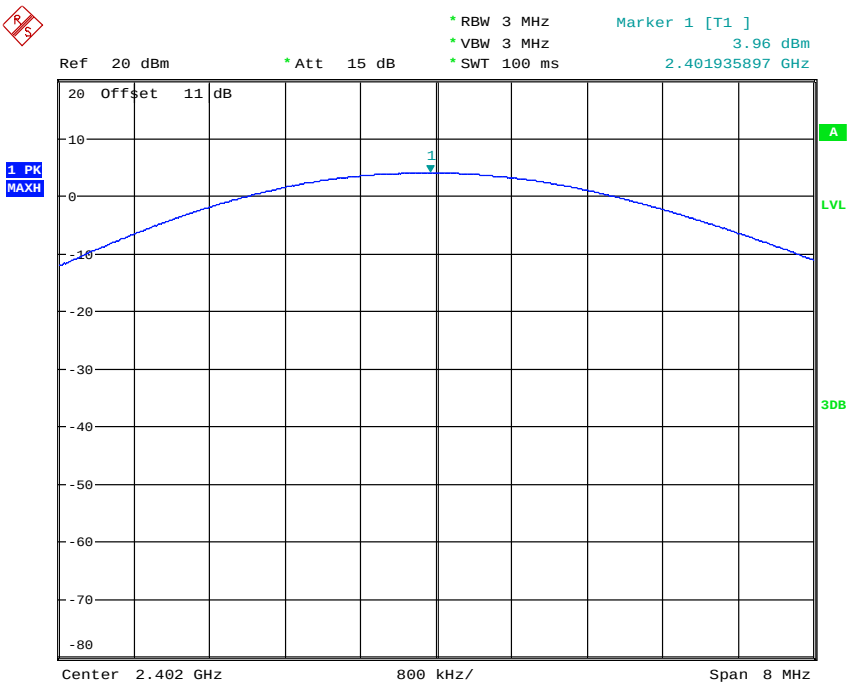
MAX OUTPUT POWER CH39
Date: 22.MAR.2012 11:45:11

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



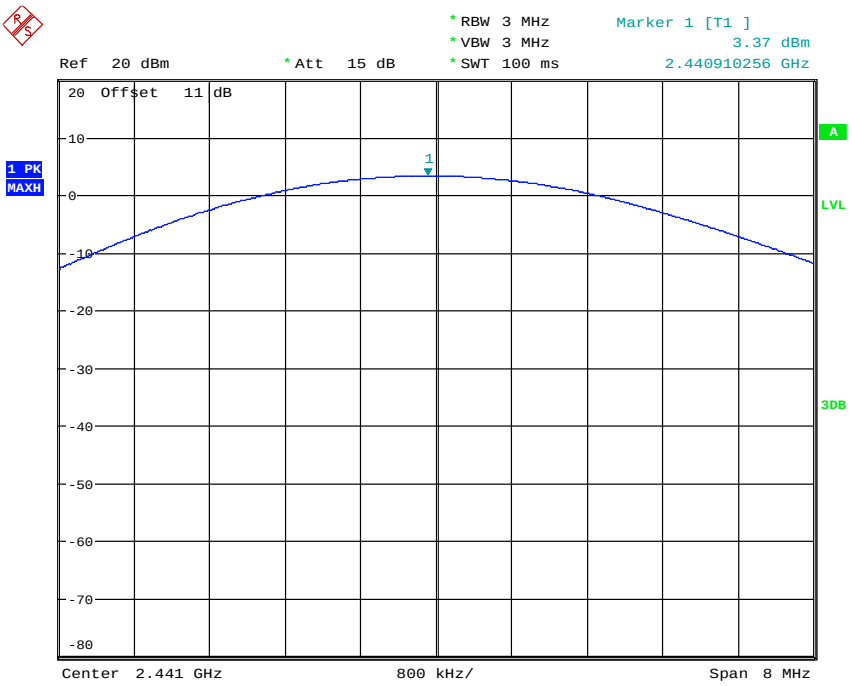
MAX OUTPUT POWER CH78
Date: 22.MAR.2012 11:45:58

Mode I

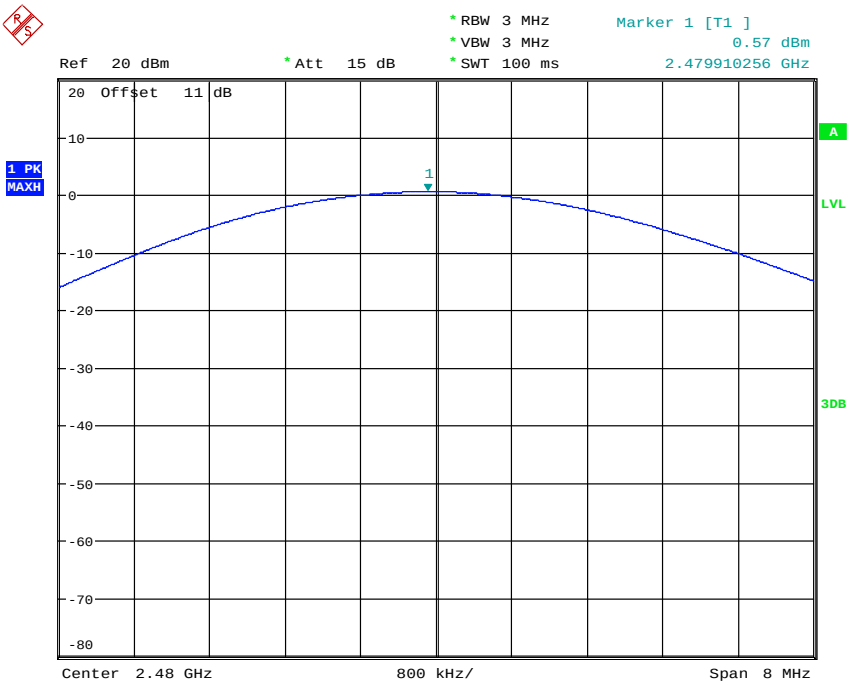


MAX OUTPUT POWER EDR MODE CH0
Date: 22.MAR.2012 11:43:51

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



MAX OUTPUT POWER EDR MODE CH39
Date: 22.MAR.2012 11:43:26



MAX OUTPUT POWER EDR MODE CH78
Date: 22.MAR.2012 11:42:48

Limits:

Frequency MHz	Power dBm
902 - 928	30
2400 – 2483.5	30
5725 – 5850	30

In case of employing transmitter antennas having antenna gain ＞ 6 dBi and using fixed point-to point operation consider §15.247 (b)(4)

Test equipment used: ETSTW-RE 055

3.2 Equivalent isotropic radiated power

FCC Rule: 15.247(b)(3)

EIRP = max. conducted output power + antenna gain

WLAN
802.11a/n 20MHz/ n 40MHz: EIRP = 20.05 dBm -0.25 dBi =19.8 dBm
802.11b/g/n 20MHz/n 40MHz: EIRP = 21.96 dBm + 1.98 dBi= 23.94 dBm
Limit: EIRP = +36 dBm for Antenna gain <6dBi

Bluetooth 2.1+EDR
EIRP = 3.96 dBm +2.33 dBi = 6.29 dBm
Limit: EIRP = +36 dBm for Antenna gain <6dBi

Test equipment used: ETSTW-RE 055

Explanation: This item is not applicable. Please refer to SAR test report of DT6.

3.3 RF Exposure Compliance Requirements

FCC OET Bulletin 65 Edition 97.01 determines the equations for predicting RF fields and applicable limits.
The prediction for power density in the far-field but will over-predict power density in the near field, where it could be used for walking a “worst case” or conservative prediction.

$$S = \frac{PG}{4\pi R^2}$$

S – Power Density
P – Output power ERP
R – Distance
D – Cable Loss
AG – Antenna Gain

Item	Unit	Value	**Remarks**
P	mW	--	Peak value
D	dB		
AG	dBi	--	
G		--	Calculated Value
R	cm	--	Assumed value
S	mW/cm^2	--	Calculated value

Limits:

Limit for General Population / Uncontrolled Exposure	
Frequency (MHz)	Power Density (mW/cm^2)
1500 – 100.000	1.0

Explanation: Please refer to SAR test report of DT6.

3.4 Transmitter Radiated Emissions in Restricted Bands

FCC Rules: 15.247 (c), 15.205, 15.209, 15.35
Radiated emission measurements were performed from 30 MHz to 26500 MHz.
For radiated emission tests, the analyzer setting was as followings:

Frequency ≦ 1 GHz, RBW:100 kHz, VBW: 100 kHz (Peak measurements)
Frequency ＞1 GHz, RBW: 1 MHz, VBW: 1 MHz (Peak measurements)
Frequency ＞1 GHz , RBW:1 MHz , VBW: 10 Hz (Average measurements)

Limits.

For frequencies below 1GHz:

Frequency of Emission (MHz)	Field strength (microvolts/meter)	Field Strength (dB microvolts/meter)
30 - 88	100	40.0
88 - 216	150	43.5
216 - 960	200	46.0
Above	500	54.0

For frequencies above 1GHz (Average measurements).

Guidance on Measurement of Digit Transmission Systems:
“If the emission is pulsed, modify the unit for continuous operation, use the setting shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation.”

The correction factor, based on the total channel dwell time in a 100 ms period, may be mathematically applied to a measurement made with an average detector, to further reduce the value.

Duty cycle correction = 20 log (dwell time/ 100ms)

Note: No duty cycle correction was added to the reading of this EUT.

Explanation: See attached diagrams in Appendix.

3.5 Spurious Emissions (tx)

Spurious emission was measured with modulation (declared by manufacturer).

In any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB 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. Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c))

FCC Rule: 15.247(c), 15.35
For out of band emissions that are close to or that exceed the 20 dB attenuation requirement described in the specification, radiated measurements were performed at a 3 m separation distance to determine whether these emissions complied with the general radiated emission requirement.

Limits:

For frequencies above 1GHz (Peak measurements).
Modified Limit for peak according to 15.35 (b) = Max Permitted average Limits + 20dB

For frequencies above 1GHz (Average measurements).
Max. reading – 20dB

Max. reading – 20 dB
Guidance on Measurement of Digit Transmission Systems:
"If the emission is pulsed, modify the unit for continuous operation, use the settings shown above, then correct the reading by subtracting the peak-average correction factor, derived from the appropriate duty cycle calculation."

The correction factor, based on the total channel dwell time in a 100 ms period, may be mathematically applied to a measurement made with an average detector, to further reduce the value.

Duty Cycle correction = 20 log (dwell time/100ms)

Test equipment used: ETSTW-RE 003, ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 042, ETSTW-RE 043, ETSTW-RE 044

Note: No duty cycle correction was added to the reading of EUT.

SAMPLE CALCULATION OF LIMIT. All results will be updated by an automatic measuring system in accordance with point 2.3.

Calculation of test results:
Such factors like antenna correction, cable loss, external attenuation etc. are already included in the provided measurement results. This is done by using validated test software and calibrated test system according the accreditation requirements.

The peak and average spurious emission plots was measured with the average limits.
In the Table being listed the critical peak and average value and exhibit the compliance with the above calculated Limits.

If in the column's correction factor states a value then the max. Field strength in the same row is corrected by a value gained from the "Correction Factor".

Summary table with radiated data of the test plots

Model: DT6 Date: 2012/3/25
Mode: WLAN 802.11a 5745MHz Temperature: 24 °C Engineer: Vic
Polarization: Horizontal Humidity: 60 %

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.9760	5.15	peak	14.71	19.86	43.50	-23.64	165	100
270.2404	16.78	peak	14.71	31.49	46.00	-14.51	230	100
403.8075	8.13	peak	18.32	26.45	46.00	-19.55	310	100
611.4228	2.76	peak	22.72	25.48	46.00	-20.52	225	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11490.0000	33.20	---	10.02	43.22	---	74.00	54.00	-30.78	215	100
17235.0000	28.34	---	20.20	48.54	---	74.00	54.00	-25.46	160	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
38.1162	3.98	peak	13.55	17.53	40.00	-22.47	165	100
270.2405	10.27	peak	14.71	24.98	46.00	-21.02	220	100
403.8076	12.17	peak	18.32	30.49	46.00	-15.51	145	100
610.0200	4.21	peak	22.70	26.91	46.00	-19.09	215	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11490.0000	33.33	---	10.02	43.35	---	74.00	54.00	-30.65	250	100
17235.0000	28.38	---	20.20	48.58	---	74.00	54.00	-25.42	245	100

Mode: WLAN 802.11a 5785MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.9760	5.12	peak	14.71	19.83	43.50	-23.67	295	100
270.2404	15.82	peak	14.71	30.53	46.00	-15.47	135	100
405.2102	8.36	peak	18.37	26.73	46.00	-19.27	145	100
610.0200	3.26	peak	22.70	25.96	46.00	-20.04	320	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11570.0000	32.41	---	9.71	42.12	---	74.00	54.00	-31.88	310	100
17355.0000	29.05	---	21.17	50.22	---	74.00	54.00	-23.78	145	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
38.1162	5.99	peak	13.55	19.54	40.00	-20.46	220	100
270.2405	9.94	peak	14.71	24.65	46.00	-21.35	165	100
403.8076	13.34	peak	18.32	31.66	46.00	-14.34	175	100
608.6172	3.43	peak	22.69	26.12	46.00	-19.88	220	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11570.0000	32.36	---	9.71	42.07	---	74.00	54.00	-31.93	105	100
17355.0000	28.64	---	21.17	49.81	---	74.00	54.00	-24.19	235	100

Mode: WLAN 802.11a 5825MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.9760	5.57	peak	14.71	20.28	43.50	-23.22	165	100
270.2404	16.16	peak	14.71	30.87	46.00	-15.13	220	100
403.8075	8.42	peak	18.32	26.74	46.00	-19.26	345	100
608.6172	3.38	peak	22.69	26.07	46.00	-19.93	235	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11650.0000	33.24	---	9.86	43.10	---	74.00	54.00	-30.90	120	100
17475.0000	27.88	---	20.74	48.62	---	74.00	54.00	-25.38	130	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
38.1162	3.86	peak	13.55	17.41	40.00	-22.59	135	100
270.2405	9.83	peak	14.71	24.54	46.00	-21.46	285	100
403.8076	12.23	peak	18.32	30.55	46.00	-15.45	165	100
610.0200	3.04	peak	22.70	25.74	46.00	-20.26	215	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11650.0000	32.50	---	9.86	42.36	---	74.00	54.00	-31.64	295	110
17475.0000	27.53	---	20.74	48.27	---	74.00	54.00	-25.73	210	100

Mode: WLAN 802.11n 20M 5745MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.9760	5.76	peak	14.71	20.47	43.50	-23.03	225	100
270.2404	12.95	peak	14.71	27.66	46.00	-18.34	185	100
403.8075	9.21	peak	18.32	27.53	46.00	-18.47	165	100
610.0200	4.54	peak	22.70	27.24	46.00	-18.76	285	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11490.0000	33.24	---	10.02	43.26	---	74.00	54.00	-30.74	325	100
17235.0000	28.41	---	20.20	48.61	---	74.00	54.00	-25.39	215	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
38.1162	2.35	peak	13.55	15.90	40.00	-24.10	165	100
270.2405	10.30	peak	14.71	25.01	46.00	-20.99	320	100
403.8076	14.67	peak	18.32	32.99	46.00	-13.01	170	100
960.7214	7.29	peak	27.54	34.83	54.00	-19.17	155	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11490.0000	33.56	---	10.02	43.58	---	74.00	54.00	-30.42	185	100
17235.0000	28.16	---	20.20	48.36	---	74.00	54.00	-25.64	275	100

Mode: WLAN 802.11n 20M 5785MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.9760	5.17	peak	14.71	19.88	43.50	-23.62	215	100
270.2404	12.79	peak	14.71	27.50	46.00	-18.50	320	100
403.8075	9.38	peak	18.32	27.70	46.00	-18.30	220	100
960.7214	9.73	peak	27.54	37.27	54.00	-16.73	325	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11570.0000	33.08	---	9.71	42.79	---	74.00	54.00	-31.21	310	100
17355.0000	27.09	---	21.17	48.26	---	74.00	54.00	-25.74	105	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.9760	5.12	peak	14.71	19.83	43.50	-23.67	275	100
270.2405	10.82	peak	14.71	25.53	46.00	-20.47	260	100
403.8076	14.44	peak	18.32	32.76	46.00	-13.24	225	100
611.4228	4.89	peak	22.72	27.61	46.00	-18.39	130	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11570.0000	33.85	---	9.71	43.56	---	74.00	54.00	-30.44	195	100
17355.0000	27.65	---	21.17	48.82	---	74.00	54.00	-25.18	245	100

Mode: WLAN 802.11n 20M 5825MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.9760	4.38	peak	14.71	19.09	43.50	-24.41	125	100
270.2404	12.54	peak	14.71	27.25	46.00	-18.75	110	100
611.4228	4.56	peak	22.72	27.28	46.00	-18.72	215	100
960.7214	9.29	peak	27.54	36.83	54.00	-17.17	170	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11650.0000	33.92	---	9.86	43.78	---	74.00	54.00	-30.22	130	100
17475.0000	27.44	---	20.74	48.18	---	74.00	54.00	-25.82	295	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
74.9098	5.52	peak	10.26	15.78	40.00	-24.22	250	100
270.2405	9.54	peak	14.71	24.25	46.00	-21.75	295	100
405.2104	14.96	peak	18.37	33.33	46.00	-12.67	135	100
960.7214	9.01	peak	27.54	36.55	54.00	-17.45	225	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11650.0000	34.96	---	9.86	44.82	---	74.00	54.00	-29.18	130	100
17475.0000	26.62	---	20.74	47.36	---	74.00	54.00	-26.64	320	100

Mode: WLAN 802.11n 40M 5755MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
167.9760	5.27	peak	14.71	19.98	43.50	-23.52	235	100
270.2404	12.14	peak	14.71	26.85	46.00	-19.15	220	100
612.8256	4.63	peak	22.73	27.36	46.00	-18.64	250	100
960.7214	5.79	peak	27.54	33.33	54.00	-20.67	115	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11510.0000	33.57	---	10.01	43.58	---	74.00	54.00	-30.42	215	100
17265.0000	25.87	---	20.85	46.72	---	74.00	54.00	-27.28	315	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
38.1162	3.17	peak	13.55	16.72	40.00	-23.28	235	100
270.2405	9.87	peak	14.71	24.58	46.00	-21.42	85	100
403.8076	14.40	peak	18.32	32.72	46.00	-13.28	195	100
960.7214	8.14	peak	27.54	35.68	54.00	-18.32	205	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11510.0000	36.95	---	10.01	46.96	---	74.00	54.00	-27.04	295	100
17265.0000	27.45	---	20.85	48.30	---	74.00	54.00	-25.70	265	100

Mode: WLAN 802.11n 40M 5795MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
170.1402	4.59	peak	14.61	19.20	43.50	-24.30	250	100
270.2404	12.01	peak	14.71	26.72	46.00	-19.28	310	100
612.8256	4.27	peak	22.73	27.00	46.00	-19.00	325	100
960.7214	8.28	peak	27.54	35.82	54.00	-18.18	160	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11590.0000	34.29	---	9.61	43.90	---	74.00	54.00	-30.10	185	100
17385.0000	27.90	---	20.94	48.84	---	74.00	54.00	-25.16	230	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
163.6473	5.33	peak	14.89	20.22	43.50	-23.28	155	100
270.2405	9.93	peak	14.71	24.64	46.00	-21.36	280	100
403.8076	14.33	peak	18.32	32.65	46.00	-13.35	175	100
608.6172	4.35	peak	22.69	27.04	46.00	-18.96	65	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
11590.0000	34.47	---	9.61	44.08	---	74.00	54.00	-29.92	315	100
17385.0000	28.44	---	20.94	49.38	---	74.00	54.00	-24.62	195	100

Mode: WLAN 802.11b 2412MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	15.75	peak	14.71	30.46	46.00	-15.54	130	100
403.8075	9.44	peak	18.32	27.76	46.00	-18.24	330	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4825.6510	46.69	---	-1.31	45.38	---	74.00	54.00	-28.62	200	100
7236.0000	39.78	---	4.20	43.98	---	74.00	54.00	-30.02	315	100
9648.0000	34.71	---	6.56	41.27	---	74.00	54.00	-32.73	125	100
12060.0000	31.74	---	11.56	43.30	---	74.00	54.00	-30.70	175	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	9.43	peak	14.71	24.14	46.00	-21.86	175	100
403.8076	12.31	peak	18.32	30.63	46.00	-15.37	295	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4825.6510	48.25	---	-1.31	46.94	---	74.00	54.00	-27.06	140	100
7236.0000	40.00	---	4.20	44.20	---	74.00	54.00	-29.80	215	100
9648.0000	34.14	---	6.56	40.70	---	74.00	54.00	-33.30	165	100
12060.0000	31.69	---	11.56	43.25	---	74.00	54.00	-30.75	125	100

Mode: WLAN 802.11b 2437MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	16.47	peak	14.71	31.18	46.00	-14.82	310	100
403.8075	8.10	peak	18.32	26.42	46.00	-19.58	220	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4873.7480	44.90	---	-1.15	43.75	---	74.00	54.00	-30.25	115	100
7311.0000	39.38	---	4.33	43.71	---	74.00	54.00	-30.29	265	100
9748.0000	33.73	---	6.81	40.54	---	74.00	54.00	-33.46	315	100
12185.0000	32.33	---	12.36	44.69	---	74.00	54.00	-29.31	155	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	9.86	peak	14.71	24.57	46.00	-21.43	195	100
403.8076	12.41	peak	18.32	30.73	46.00	-15.27	215	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4873.7480	43.66	---	-1.15	42.51	---	74.00	54.00	-31.49	170	100
7311.0000	40.27	---	4.33	44.60	---	74.00	54.00	-29.40	120	100
9748.0000	33.54	---	6.81	40.35	---	74.00	54.00	-33.65	165	100
12185.0000	32.67	---	12.36	45.03	---	74.00	54.00	-28.97	200	100

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode: WLAN 802.11b 2462MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	15.95	peak	14.71	30.66	46.00	-15.34	310	100
611.4228	4.34	peak	22.72	27.06	46.00	-18.94	280	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4924.0000	40.99	---	-0.98	40.01	---	74.00	54.00	-33.99	120	100
7386.0000	40.02	---	4.63	44.65	---	74.00	54.00	-29.35	325	100
9848.0000	35.73	---	7.08	42.81	---	74.00	54.00	-31.19	215	100
12310.0000	31.78	---	12.38	44.16	---	74.00	54.00	-29.84	115	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	9.89	peak	14.71	24.60	46.00	-21.40	245	100
403.8076	12.64	peak	18.32	30.96	46.00	-15.04	315	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4924.0000	41.27	---	-0.98	40.29	---	74.00	54.00	-33.71	315	100
7386.0000	40.26	---	4.63	44.89	---	74.00	54.00	-29.11	255	100
9848.0000	33.94	---	7.08	41.02	---	74.00	54.00	-32.98	275	100
12310.0000	31.51	---	12.38	43.89	---	74.00	54.00	-30.11	165	100

Mode: WLAN 802.11g 2412MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	15.60	peak	14.71	30.31	46.00	-15.69	200	100
403.8075	10.64	peak	18.32	28.96	46.00	-17.04	270	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4824.0000	41.38	---	-1.31	40.07	---	74.00	54.00	-33.93	275	100
7236.0000	39.50	---	4.20	43.70	---	74.00	54.00	-30.30	125	100
9648.0000	34.56	---	6.56	41.12	---	74.00	54.00	-32.88	325	100
12060.0000	32.95	---	11.56	44.51	---	74.00	54.00	-29.49	210	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	9.35	peak	14.71	24.06	46.00	-21.94	235	100
403.8076	12.23	peak	18.32	30.55	46.00	-15.45	165	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4824.0000	42.10	---	-1.31	40.79	---	74.00	54.00	-33.21	230	100
7236.0000	39.51	---	4.20	43.71	---	74.00	54.00	-30.29	145	100
9648.0000	33.66	---	6.56	40.22	---	74.00	54.00	-33.78	95	100
12060.0000	32.27	---	11.56	43.83	---	74.00	54.00	-30.17	220	100

Mode: WLAN 802.11g 2437MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	16.30	peak	14.71	31.01	46.00	-14.99	230	100
403.8075	8.05	peak	18.32	26.37	46.00	-19.63	220	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4874.0000	41.32	---	-1.15	40.17	---	74.00	54.00	-33.83	225	100
7311.0000	39.69	---	4.33	44.02	---	74.00	54.00	-29.98	195	100
9748.0000	34.78	---	6.81	41.59	---	74.00	54.00	-32.41	315	100
12185.0000	32.65	---	12.36	45.01	---	74.00	54.00	-28.99	115	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	9.82	peak	14.71	24.53	46.00	-21.47	125	100
403.8076	12.00	peak	18.32	30.32	46.00	-15.68	285	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4874.0000	41.36	---	-1.15	40.21	---	74.00	54.00	-33.79	215	100
7311.0000	40.20	---	4.33	44.53	---	74.00	54.00	-29.47	170	100
9748.0000	33.68	---	6.81	40.49	---	74.00	54.00	-33.51	210	100
12185.0000	31.63	---	12.36	43.99	---	74.00	54.00	-30.01	335	100

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Mode: WLAN 802.11g 2462MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	16.90	peak	14.71	31.61	46.00	-14.39	105	100
403.8075	8.76	peak	18.32	27.08	46.00	-18.92	220	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4924.0000	40.83	---	-0.98	39.85	---	74.00	54.00	-34.15	140	100
7386.0000	39.17	---	4.63	43.80	---	74.00	54.00	-30.20	195	100
9848.0000	34.31	---	7.08	41.39	---	74.00	54.00	-32.61	325	100
12310.0000	31.92	---	12.38	44.30	---	74.00	54.00	-29.70	170	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	8.91	peak	14.71	23.62	46.00	-22.38	265	100
403.8076	12.28	peak	18.32	30.60	46.00	-15.40	215	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4924.0000	41.47	---	-0.98	40.49	---	74.00	54.00	-33.51	275	100
7386.0000	40.15	---	4.63	44.78	---	74.00	54.00	-29.22	225	100
9848.0000	33.72	---	7.08	40.80	---	74.00	54.00	-33.20	275	100
12310.0000	31.85	---	12.38	44.23	---	74.00	54.00	-29.77	135	100

Mode: WLAN 802.11n(20 MHz) 2412MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	16.77	peak	14.71	31.48	46.00	-14.52	205	100
403.8075	8.66	peak	18.32	26.98	46.00	-19.02	240	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4824.0000	40.82	---	-1.31	39.51	---	74.00	54.00	-34.49	195	100
7236.0000	40.10	---	4.20	44.30	---	74.00	54.00	-29.70	325	100
9648.0000	34.20	---	6.56	40.76	---	74.00	54.00	-33.24	275	100
12060.0000	33.80	---	11.56	45.36	---	74.00	54.00	-28.64	310	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	9.87	peak	14.71	24.58	46.00	-21.42	265	100
405.2104	12.32	peak	18.37	30.69	46.00	-15.31	315	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4824.0000	42.49	---	-1.31	41.18	---	74.00	54.00	-32.82	295	100
7236.0000	39.50	---	4.20	43.70	---	74.00	54.00	-30.30	355	100
9648.0000	34.32	---	6.56	40.88	---	74.00	54.00	-33.12	215	100
12060.0000	32.42	---	11.56	43.98	---	74.00	54.00	-30.02	315	100

Mode: WLAN 11n(20 MHz) 2437MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	16.27	peak	14.71	30.98	46.00	-15.02	295	100
405.2102	9.96	peak	18.37	28.33	46.00	-17.67	200	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4874.0000	41.61	---	-1.15	40.46	---	74.00	54.00	-33.54	155	100
7311.0000	39.87	---	4.33	44.20	---	74.00	54.00	-29.80	185	100
9748.0000	33.14	---	6.81	39.95	---	74.00	54.00	-34.05	325	100
12185.0000	31.92	---	12.36	44.28	---	74.00	54.00	-29.72	220	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	9.86	peak	14.71	24.57	46.00	-21.43	195	100
403.8076	12.54	peak	18.32	30.86	46.00	-15.14	280	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4873.7480	43.73	---	-1.15	42.58	---	74.00	54.00	-31.42	110	100
7311.0000	39.80	---	4.33	44.13	---	74.00	54.00	-29.87	125	100
9748.0000	34.26	---	6.81	41.07	---	74.00	54.00	-32.93	75	100
12185.0000	33.10	---	12.36	45.46	---	74.00	54.00	-28.54	320	100

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Mode: WLAN 11n(20 MHz) 2462MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	15.62	peak	14.71	30.33	46.00	-15.67	170	100
403.8075	8.66	peak	18.32	26.98	46.00	-19.02	215	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4924.0000	40.81	---	-0.98	39.83	---	74.00	54.00	-34.17	245	100
7386.0000	39.30	---	4.63	43.93	---	74.00	54.00	-30.07	115	100
9848.0000	34.91	---	7.08	41.99	---	74.00	54.00	-32.01	245	100
12310.0000	31.99	---	12.38	44.37	---	74.00	54.00	-29.63	235	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
38.1162	5.44	peak	13.55	18.99	40.00	-21.01	305	100
405.2104	13.42	peak	18.37	31.79	46.00	-14.21	235	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4924.0000	40.46	---	-0.98	39.48	---	74.00	54.00	-34.52	275	100
7386.0000	39.36	---	4.63	43.99	---	74.00	54.00	-30.01	220	100
9848.0000	33.42	---	7.08	40.50	---	74.00	54.00	-33.50	195	100
12310.0000	32.01	---	12.38	44.39	---	74.00	54.00	-29.61	165	100

Mode: WLAN 11n(40 MHz) 2422MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	16.93	peak	14.71	31.64	46.00	-14.36	190	100
403.8075	8.72	peak	18.32	27.04	46.00	-18.96	325	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4844.0000	40.66	---	-1.25	39.41	---	74.00	54.00	-34.59	315	100
7266.0000	39.93	---	4.24	44.17	---	74.00	54.00	-29.83	175	100
9688.0000	34.42	---	6.69	41.11	---	74.00	54.00	-32.89	195	100
12110.0000	34.21	---	11.89	46.10	---	74.00	54.00	-27.90	235	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	9.92	peak	14.71	24.63	46.00	-21.37	135	100
403.8076	12.41	peak	18.32	30.73	46.00	-15.27	245	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4841.6830	44.03	---	-1.26	42.77	---	74.00	54.00	-31.23	230	100
7266.0000	39.83	---	4.24	44.07	---	74.00	54.00	-29.93	155	100
9688.0000	33.76	---	6.69	40.45	---	74.00	54.00	-33.55	195	100
12110.0000	32.55	---	11.89	44.44	---	74.00	54.00	-29.56	325	100

Mode: WLAN 11n(40 MHz) 2437MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	14.93	peak	14.71	29.64	46.00	-16.36	235	100
405.2102	8.95	peak	18.37	27.32	46.00	-18.68	185	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4874.0000	41.22	---	-1.15	40.07	---	74.00	54.00	-33.93	225	100
7311.0000	40.41	---	4.33	44.74	---	74.00	54.00	-29.26	295	100
9748.0000	33.67	---	6.81	40.48	---	74.00	54.00	-33.52	215	100
12185.0000	32.79	---	12.36	45.15	---	74.00	54.00	-28.85	345	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	9.92	peak	14.71	24.63	46.00	-21.37	125	100
403.8076	12.94	peak	18.32	31.26	46.00	-14.74	310	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4874.0000	42.13	---	-1.15	40.98	---	74.00	54.00	-33.02	225	100
7311.0000	40.17	---	4.33	44.50	---	74.00	54.00	-29.50	195	100
9748.0000	33.38	---	6.81	40.19	---	74.00	54.00	-33.81	245	100
12185.0000	31.93	---	12.36	44.29	---	74.00	54.00	-29.71	130	100

Mode: WLAN 11n(40 MHz) 2452MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	14.94	peak	14.71	29.65	46.00	-16.35	265	100
405.2102	8.71	peak	18.37	27.08	46.00	-18.92	295	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4904.0000	40.67	---	-1.05	39.62	---	74.00	54.00	-34.38	135	100
7356.0000	39.66	---	4.51	44.17	---	74.00	54.00	-29.83	200	100
9808.0000	34.77	---	6.92	41.69	---	74.00	54.00	-32.31	215	100
12260.0000	32.50	---	12.38	44.88	---	74.00	54.00	-29.12	175	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	10.17	peak	14.71	24.88	46.00	-21.12	215	100
403.8076	12.06	peak	18.32	30.38	46.00	-15.62	320	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4904.0000	42.43	---	-1.05	41.38	---	74.00	54.00	-32.62	115	100
7356.0000	39.90	---	4.51	44.41	---	74.00	54.00	-29.59	210	100
9808.0000	34.07	---	6.92	40.99	---	74.00	54.00	-33.01	195	100
12260.0000	32.33	---	12.38	44.71	---	74.00	54.00	-29.29	240	100

Mode: BT2.1 2402MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	17.75	peak	14.71	32.46	46.00	-13.54	270	100
403.8075	8.04	peak	18.32	26.36	46.00	-19.64	295	100

Frequency (MHz)	Reading (dBuV) Peak	Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Ave.	Limit @3m (dBuV/m) Peak	Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4804.6030	53.08	47.35	-1.38	51.70	45.97	74.00	54.00	-8.03	0	100
7206.0000	40.10	---	4.16	44.26	---	74.00	54.00	-29.74	165	100
9608.0000	34.52	---	6.44	40.96	---	74.00	54.00	-33.04	250	100
12010.0000	32.72	---	11.23	43.95	---	74.00	54.00	-30.05	310	100

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Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	10.28	peak	14.71	24.99	46.00	-21.01	195	100
403.8076	12.84	peak	18.32	31.16	46.00	-14.84	120	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4804.4250	53.88	47.15	-1.38	52.50	45.77	74.00	54.00	-8.23	0	100
7206.0000	40.16	---	4.16	44.32	---	74.00	54.00	-29.68	165	100
9608.0000	35.32	---	6.44	41.76	---	74.00	54.00	-32.24	165	100
12010.0000	32.96	---	11.23	44.19	---	74.00	54.00	-29.81	270	100

Mode: BT2.1 2441MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	16.16	peak	14.71	30.87	46.00	-15.13	320	100
611.4228	3.00	peak	22.72	25.72	46.00	-20.28	115	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4882.2430	52.78	47.56	-1.13	51.65	46.43	74.00	54.00	-7.57	0	100
7323.0000	40.21	---	4.38	44.59	---	74.00	54.00	-29.41	315	100
9764.0000	34.49	---	6.83	41.32	---	74.00	54.00	-32.68	215	100
12205.0000	32.71	---	12.44	45.15	---	74.00	54.00	-28.85	315	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	9.07	peak	14.71	23.78	46.00	-22.22	275	100
403.8076	13.35	peak	18.32	31.67	46.00	-14.33	240	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4882.0630	55.59	47.86	-1.13	54.46	46.73	74.00	54.00	-7.27	0	100
7323.0000	40.53	---	4.38	44.91	---	74.00	54.00	-29.09	125	100
9764.0000	34.60	---	6.83	41.43	---	74.00	54.00	-32.57	195	100
12205.0000	33.75	---	12.44	46.19	---	74.00	54.00	-27.81	215	100

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Mode: BT2.1 2480MHz
Polarization: Horizontal

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2404	16.97	peak	14.71	31.68	46.00	-14.32	265	100
403.8075	7.55	peak	18.32	25.87	46.00	-20.13	330	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4953.9080	49.16	---	-0.86	48.30	---	74.00	54.00	-25.70	140	100
7440.0000	40.20	---	4.56	44.76	---	74.00	54.00	-29.24	175	100
9920.0000	34.29	---	7.22	41.51	---	74.00	54.00	-32.49	195	100
12400.0000	33.01	---	12.88	45.89	---	74.00	54.00	-28.11	320	100

Polarization: Vertical

Frequency (MHz)	Reading (dBuV)	Detector	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
270.2405	9.38	peak	14.71	24.09	46.00	-21.91	245	100
403.8076	13.26	peak	18.32	31.58	46.00	-14.42	270	100

Frequency (MHz)	Reading (dBuV) Peak	Reading (dBuV) Ave.	Factor (dB) Corr.	Result @3m (dBuV/m) Peak	Result @3m (dBuV/m) Ave.	Limit @3m (dBuV/m) Peak	Limit @3m (dBuV/m) Ave.	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
4960.0770	53.36	47.28	-0.84	52.52	46.44	74.00	54.00	-7.56	0	100
7440.0000	39.95	---	4.56	44.51	---	74.00	54.00	-29.49	165	100
9920.0000	34.22	---	7.22	41.44	---	74.00	54.00	-32.56	250	100
12400.0000	32.40	---	12.88	45.28	---	74.00	54.00	-28.72	125	100

Note

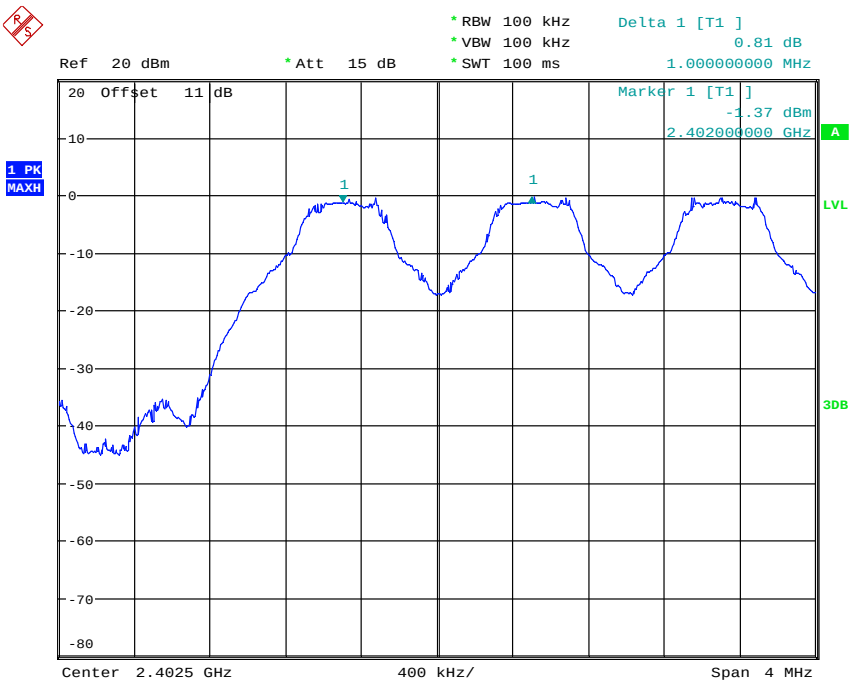
1. **Correction Factor = Antenna factor + Cable loss - Preamplifier**
2. **The formula of measured value as: Test Result = Reading + Correction Factor**
3. **Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average**
4. **All not in the table noted test results are more than 20 dB below the relevant limits.**
5. **Measurement uncertainty for 3m measurement: 30-1000 MHz = ± 3.72 dB, 1-18 GHz = ± 5.56dB, 18-40 GHz = ± 3.46 dB ; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.**
6. **See attached diagrams in appendix.**

TEST RESULT (Transmitter): The unit DOES meet the FCC requirements.

Test equipment used: ETSTW-RE 003, ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 042, ETSTW-RE 043, ETSTW-RE 044

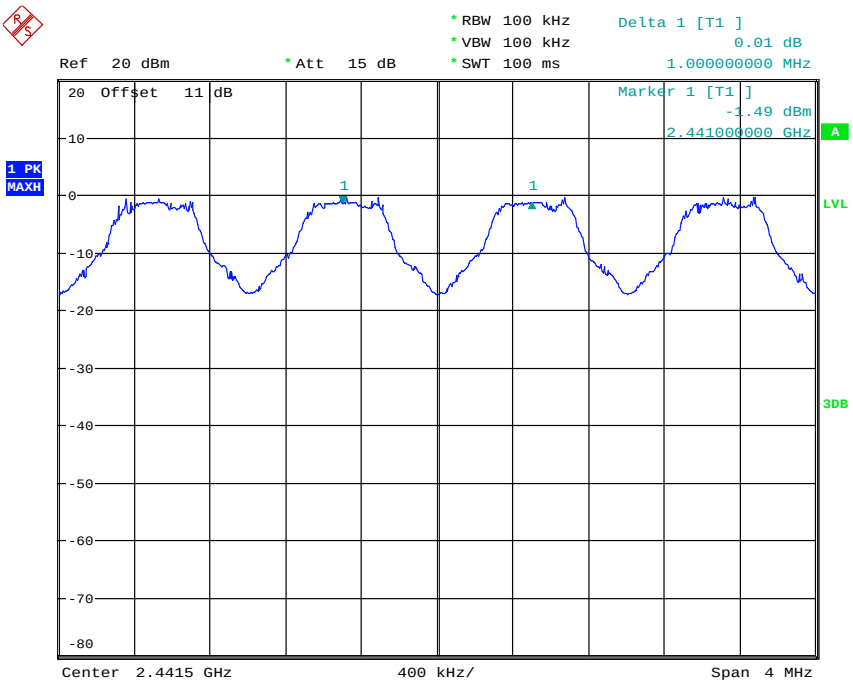
3.6 Carrier Frequency Separation

Carrier Frequency Separation was measured with modulation (declared by manufacturer).
According to FCC rules part 15 subpart C §15.247 frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or 20 dB bandwidth of the hopping channel, whichever is greater.

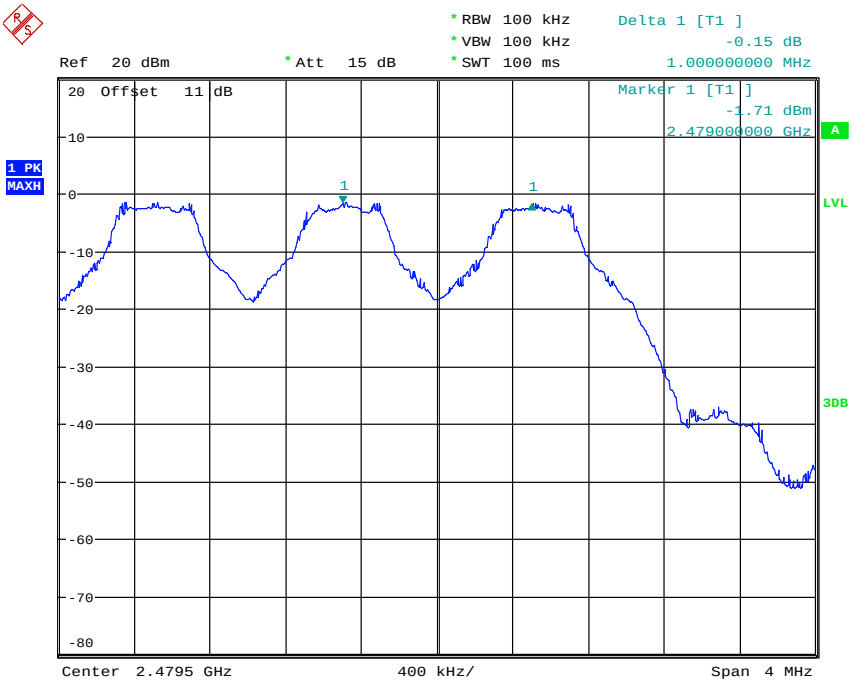


FREQUENCY SEPARATION CH0
Date: 22.MAR.2012 11:53:29

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



FREQUENCY SEPARATION CH39
Date: 22.MAR.2012 11:54:36



FREQUENCY SEPARATION CH78
Date: 22.MAR.2012 11:56:30

Limits:

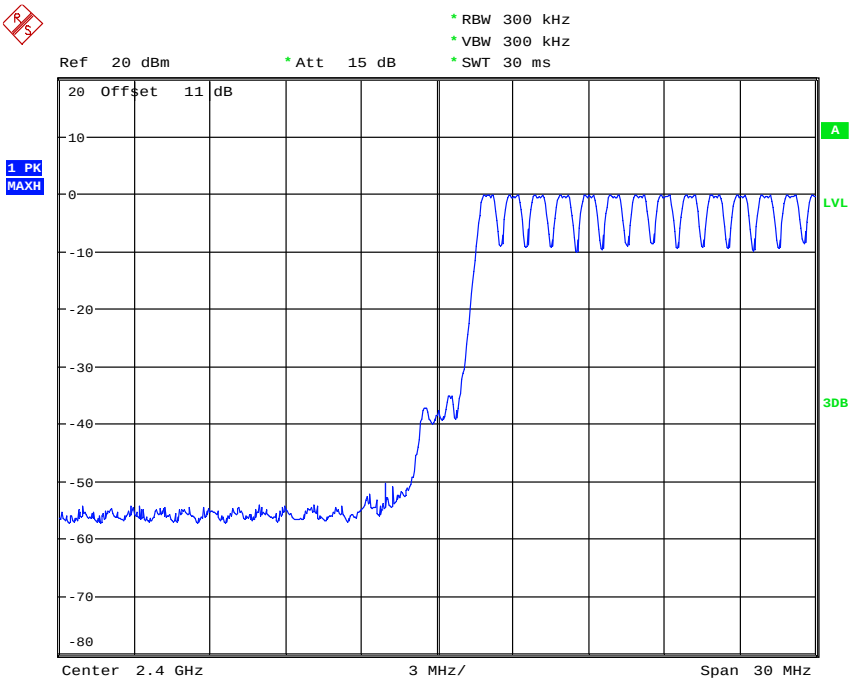
Frequency Range MHz	Limits	
	20 dB bandwidth < 25 kHz	20 dB bandwidth > 25 kHz
902-928	25 kHz	20 dB bandwidth
2400-2483.5 5725-5850.0	25 kHz	20 dB bandwidth

Test equipment used: ETSTW-RE 055, ETSTW-RE 064

3.7 Number of Hopping Frequencies

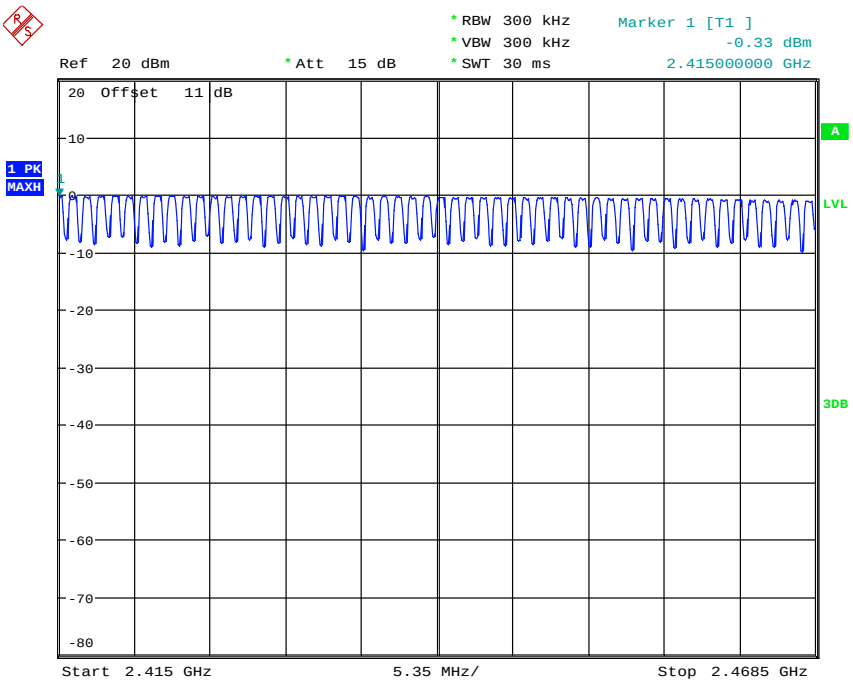
According to FCC rules part 15 subpart C §15.247 frequency hopping systems operating in the 2400-2483.5 MHz band shall use at least 15 hopping frequencies. Frequency hopping systems in 5725-5850 MHz bands shall use least 75 hopping frequencies.

For frequency hopping systems operating in the 902-928 MHz band: if the 20dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies; if the 20dB bandwidth of the hopping channel 250 kHz or greater, the system shall use at least 25 hopping frequencies.

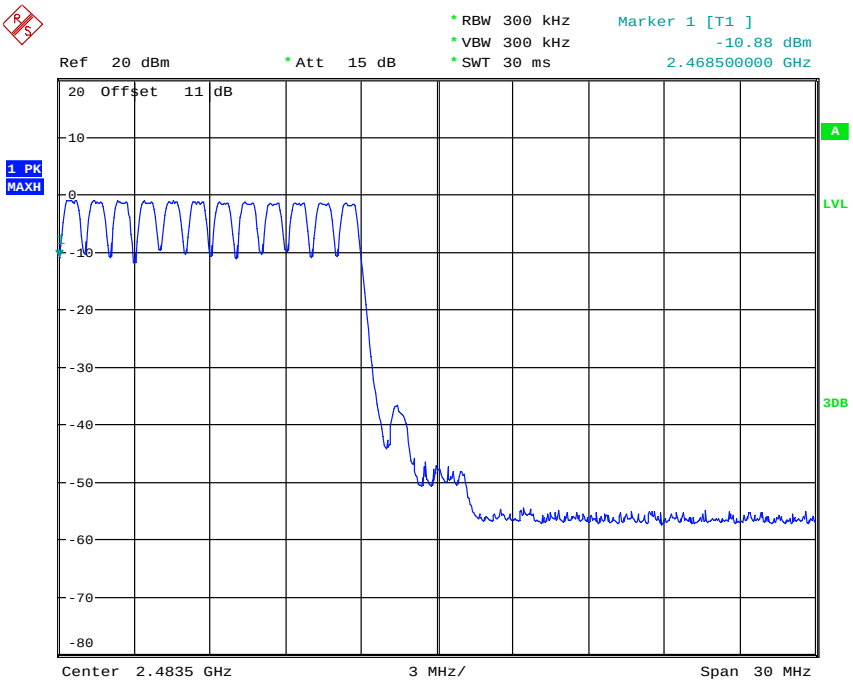


NUMBER OF HOPPING CH0-13
Date: 22.MAR.2012 11:58:13

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



NUMBER OF HOPPING CH14-66
Date: 22.MAR.2012 12:00:45



NUMBER OF HOPPING CH67-78
Date: 22.MAR.2012 12:01:33

Limits:

Frequency Range MHz	Limit	
	20dB Bandwidth	Number of Channels
902-928 MHz	Bandwidth < 250 kHz	≥ 50
	Bandwidth ≥ 250 kHz	≥ 25
2400-2483.5	not defined	15
5725-5850.0 MHz	1 MHz	75

Test equipment used: ETSTW-RE 055, ETSTW-RE 064

3.7.1 Pseudorandom Frequency Hopping Sequence

The generation of the hopping sequence is determined by the Bluetooth cord specification and complies with the FCC requirements.

3.7.2 Coordination of hopping sequences to other transmitters

According to the Bluetooth core specification V1.1 such a coordination is not possible. During scatternet function only one of the two hopping sequences will be used at a definite moment.

3.7.3 System Receiver Hopping Capability

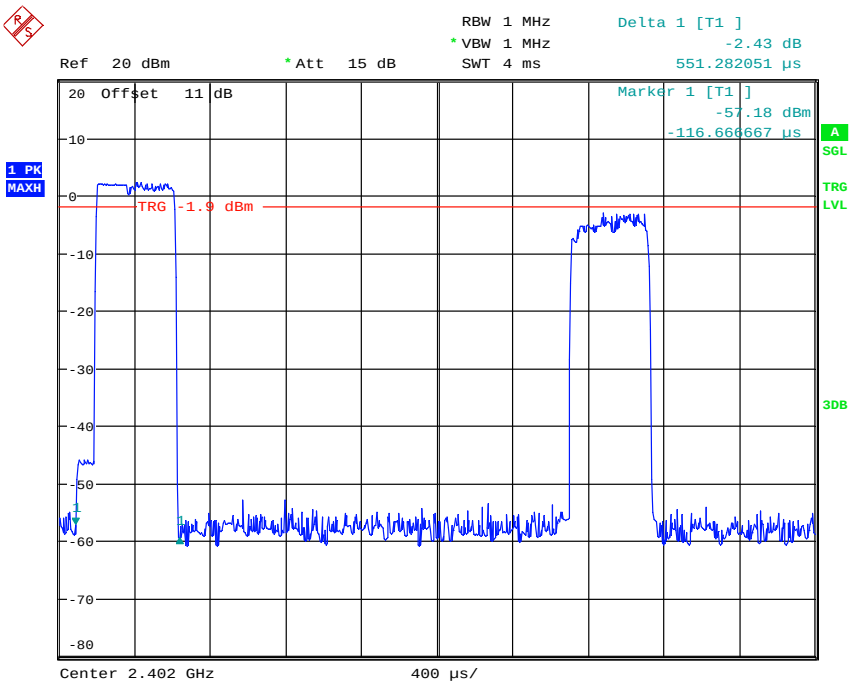
According to the Bluetooth core specification. The system receivers shift frequencies in synchronization with the transmitted signals.

3.8 Time of Occupancy (Dwell Time)

Frequency hopping systems operating in the 5725-5850 MHz band shall use an average time of occupancy on any frequency not greater than 0.4 seconds within a 30 second period.

In 2400-2483.5 MHz band the average time of occupancy on any channel shall not be greater than 0.4 seconds multiplied by the number of hopping channels employed.

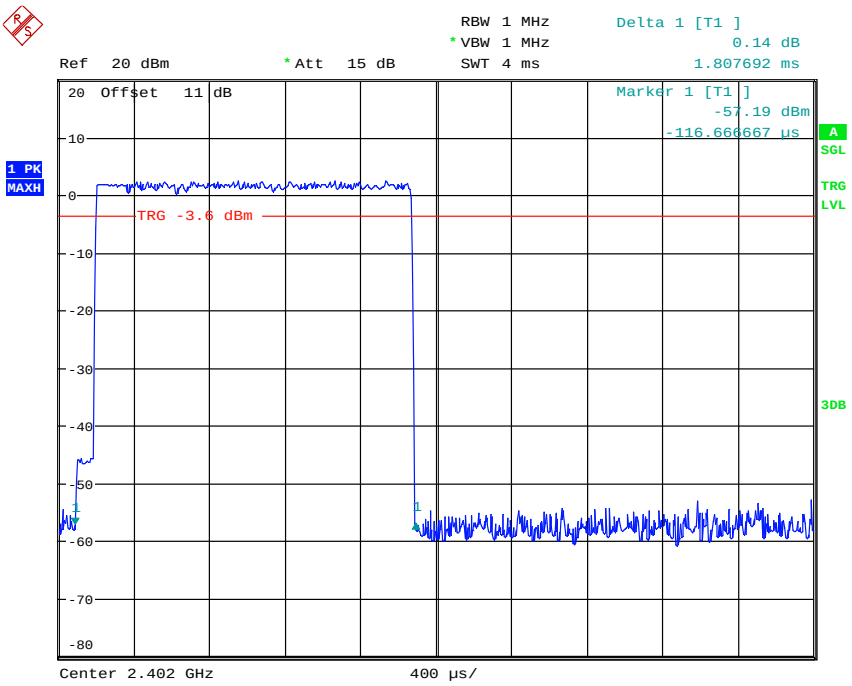
For frequency hopping systems operating in the 902-928 MHz band: if the 20dB bandwidth of the hopping channel is less than 250 kHz, the average time of occupancy on any frequency shall not greater than 0.4 seconds within a 20 second period; if the 20dB bandwidth of the hopping channel is 250 kHz or greater, the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period.



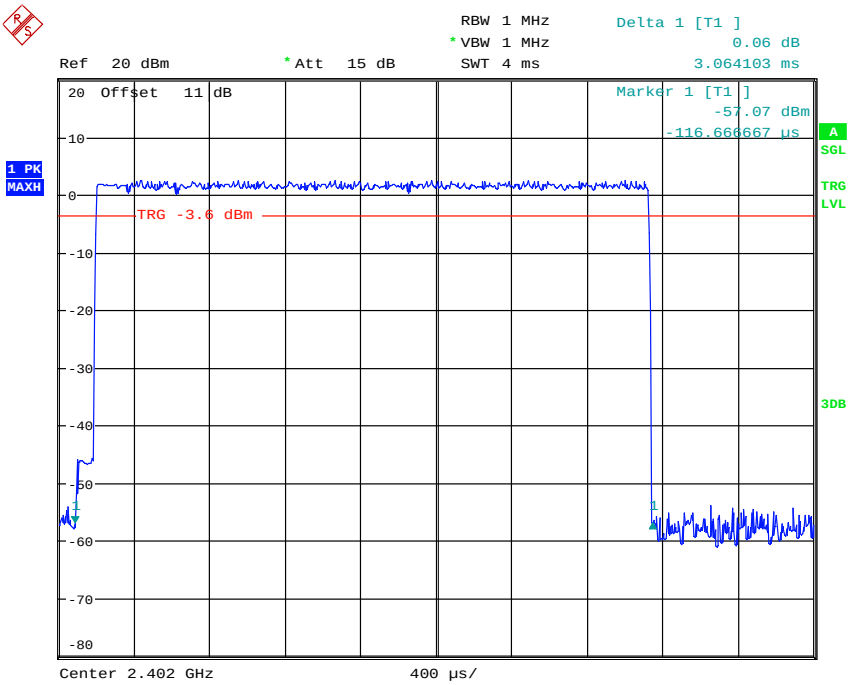
DWELL TIME CH0 DH1(0.551ms * 320events = 176.32ms)

Date: 22.MAR.2012 12:57:44

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

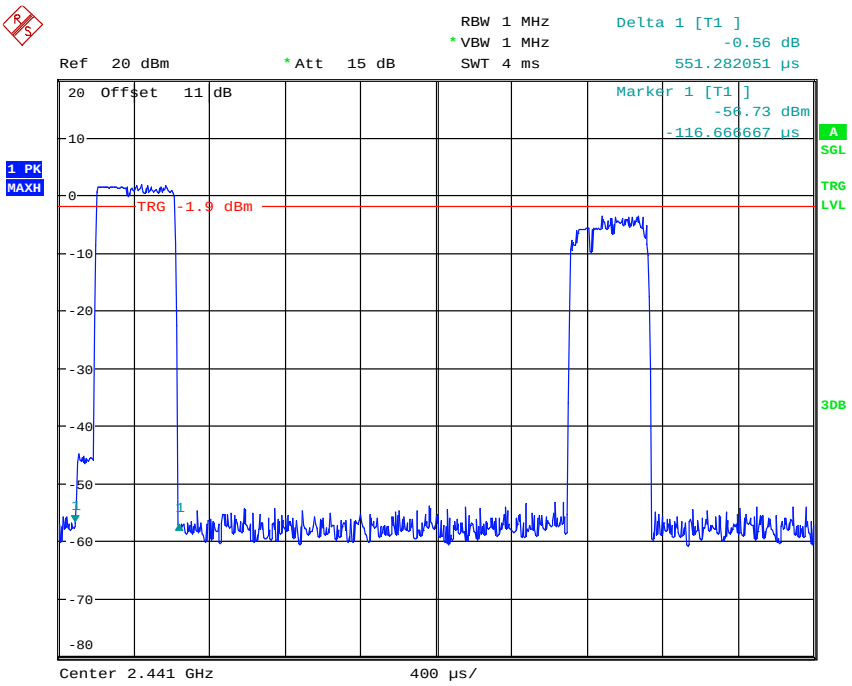


DWELL TIME CH0 DH3(1.808ms * 160events = 289.28ms)
Date: 22.MAR.2012 12:18:36

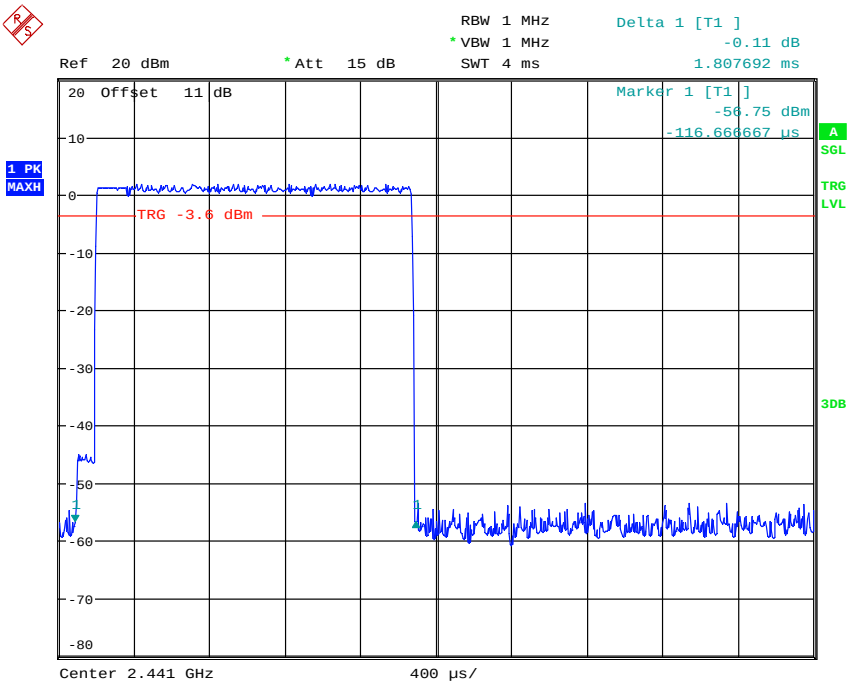


DWELL TIME CH0 DH5(3.064ms * 110events = 337.04ms)
Date: 22.MAR.2012 12:16:28

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

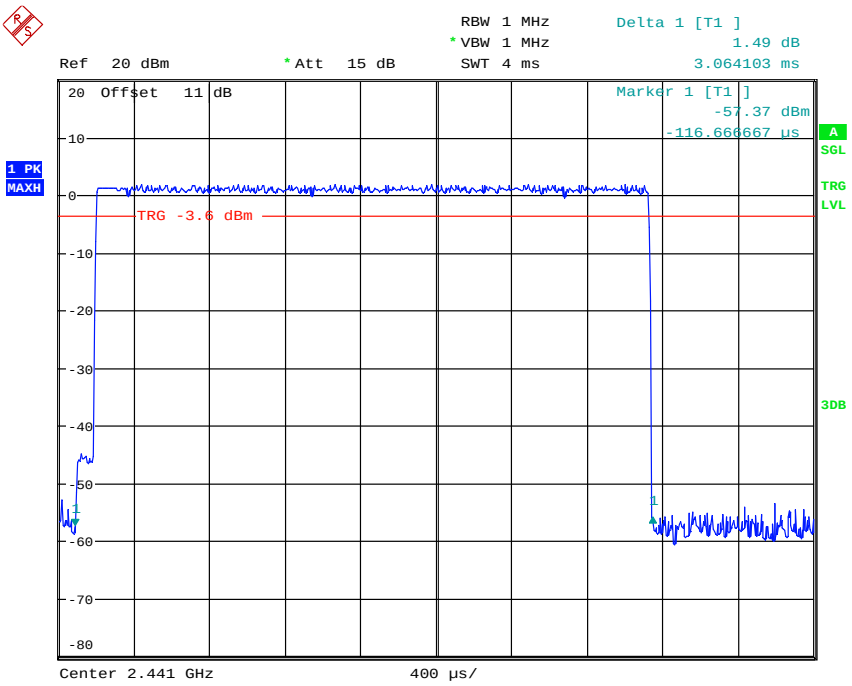


DWELL TIME CH39 DH1(0.551ms * 320events = 176.32ms)
Date: 22.MAR.2012 12:58:05

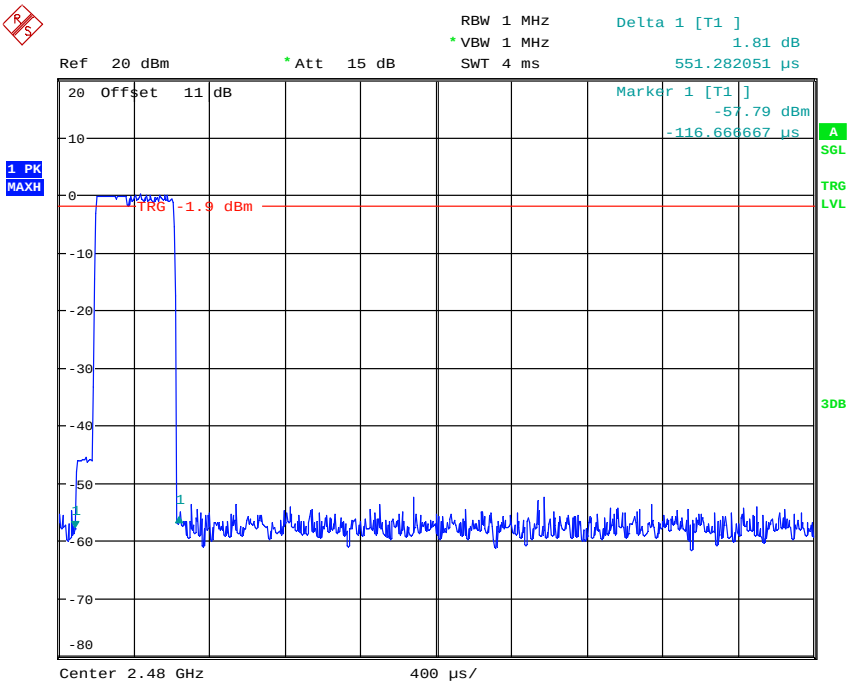


DWELL TIME CH39 DH3(1.808ms * 160events = 289.28ms)
Date: 22.MAR.2012 12:19:17

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

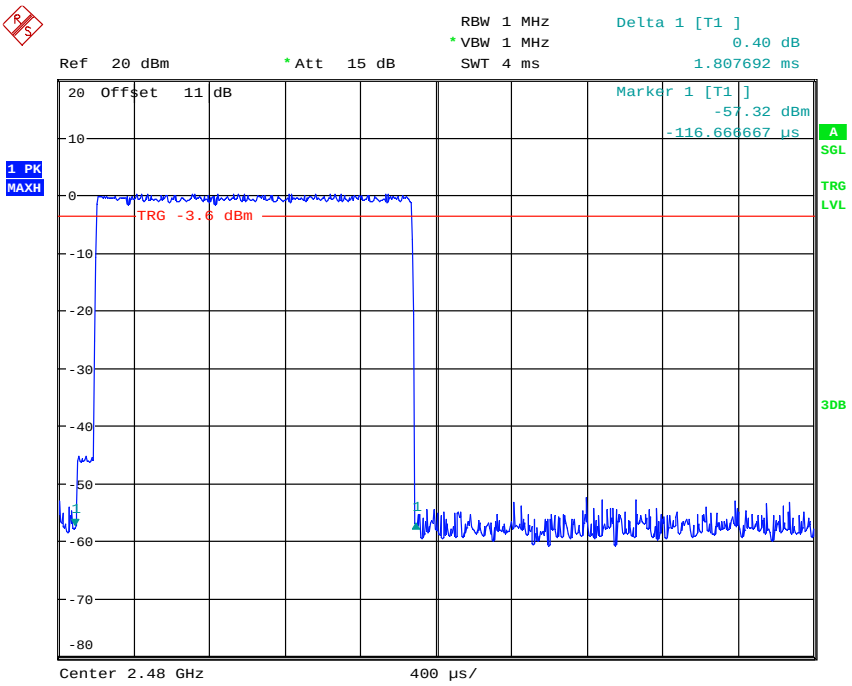


DWELL TIME CH39 DH5(3.064ms * 110events = 337.04ms)
Date: 22.MAR.2012 12:16:02

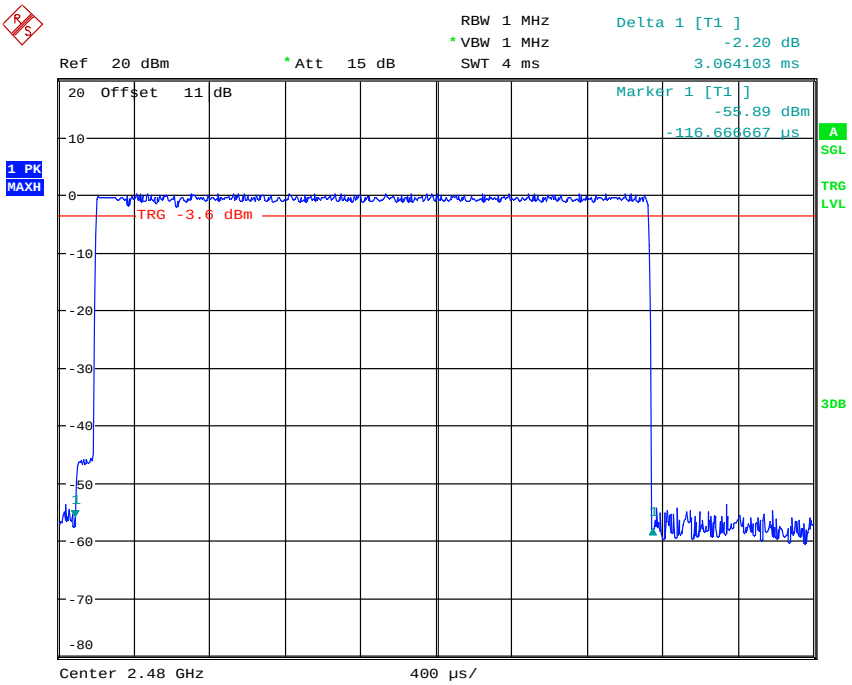


DWELL TIME CH78 DH1(0.551ms * 320events = 176.32ms)
Date: 22.MAR.2012 12:58:44

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



DWELL TIME CH78 DH3(1.808ms * 160events = 289.28ms)
Date: 22.MAR.2012 12:21:57



DWELL TIME CH78 DH5(3.064ms * 110events = 337.04ms)
Date: 22.MAR.2012 12:15:04

Limits and measurement periods:

Frequency MHz	Number of channels	Measurement Periode	Limit
902 – 928	≥50	20 s	0.4 s
	49 ≥ 25	10 s	0.4 s
2400 – 2483.5	≥ 15	0.4 s * number of used channels	0.4 s
5725- 5850	≥ 75	30 s	0.4s

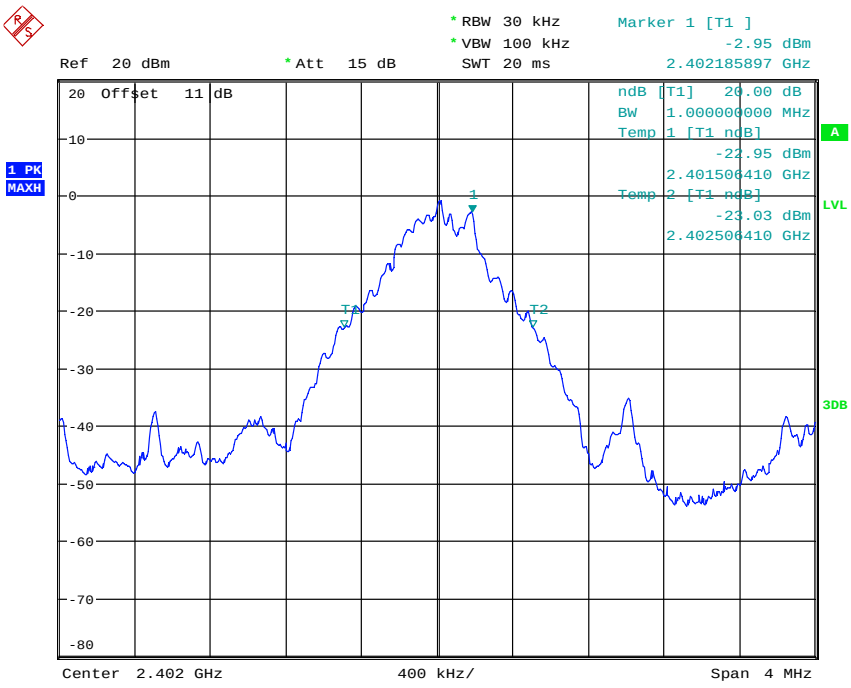
Test equipment used: ETSTW-RE 055, ETSTW-RE 064

3.9 20dB Bandwidth

Frequency hopping systems operating in the 5725-5850 MHz bands shall use a maximum 20dB bandwidth of 1 MHz.
The 20dB bandwidth is measured on the lowest, middle and highest hopping channel.

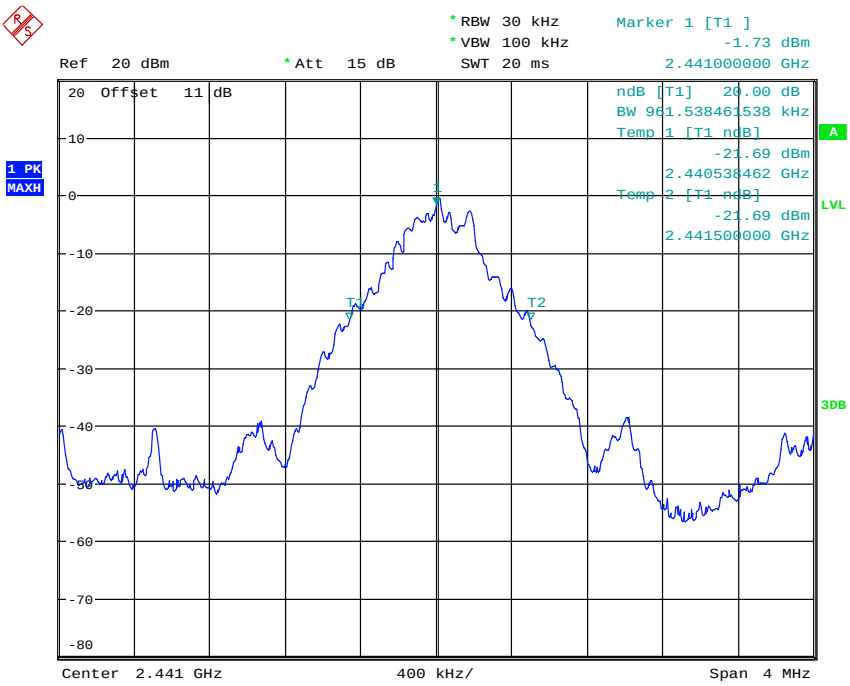
For frequency hopping systems operating in the 902-928 MHz band the maximum 20dB bandwidth of the hopping channel is 500 kHz.

Mode H



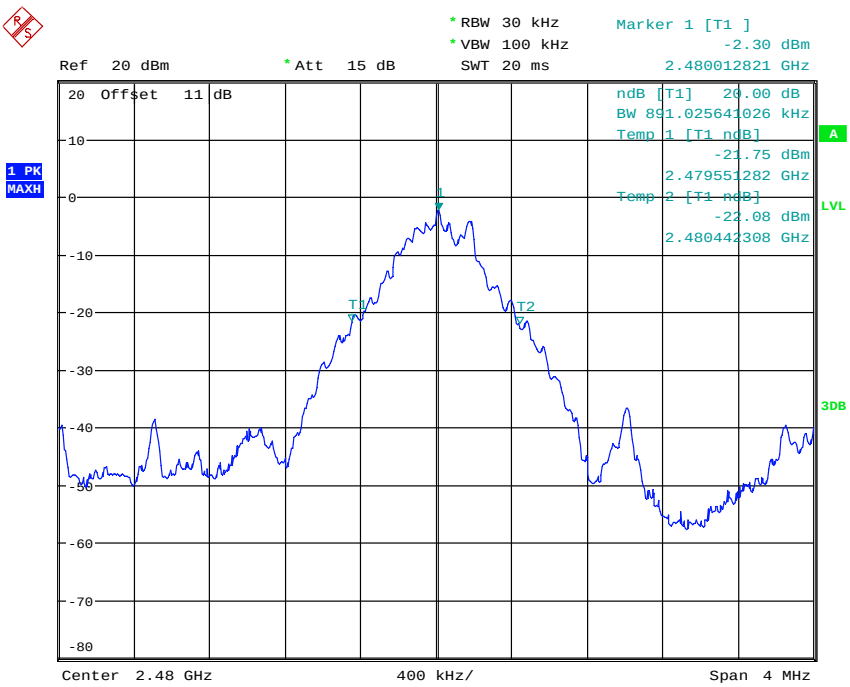
20DB BANDWIDTH CH0
Date: 22.MAR.2012 10:56:06

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



20DB BANDWIDTH CH39

Date: 22.MAR.2012 10:57:01

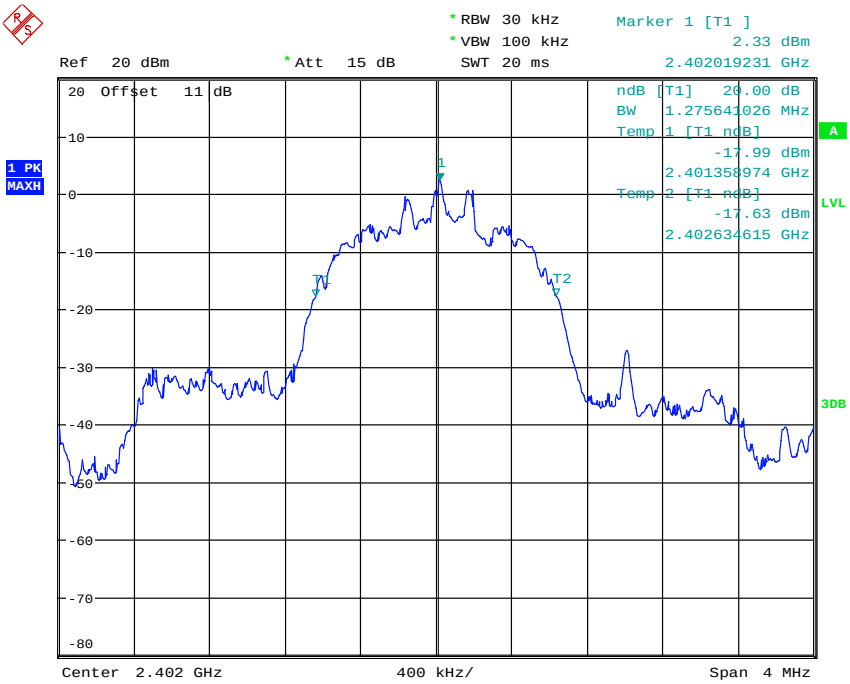


20DB BANDWIDTH CH78

Date: 22.MAR.2012 10:57:33

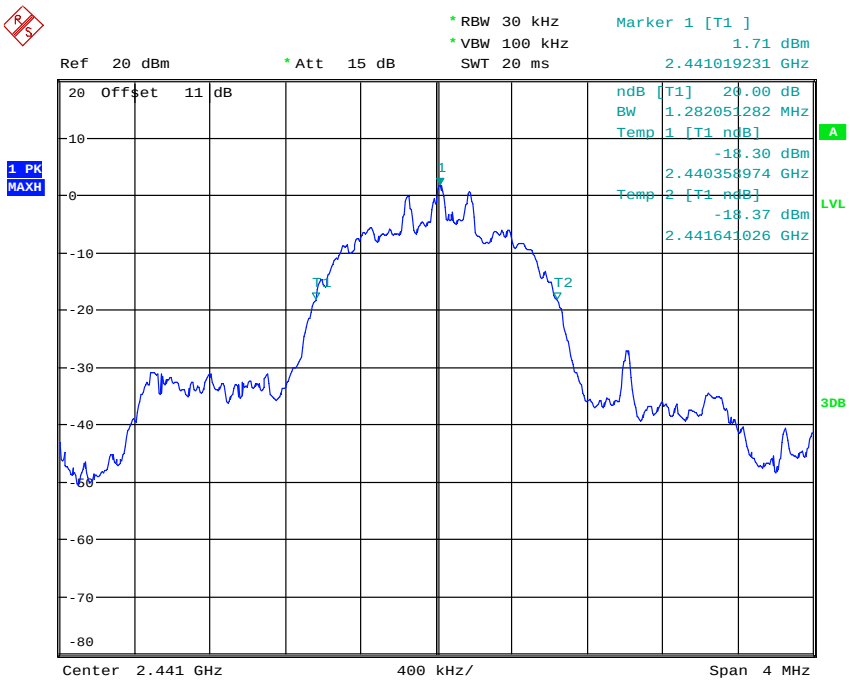
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode I



20DB BANDWIDTH EDR MODE CH0

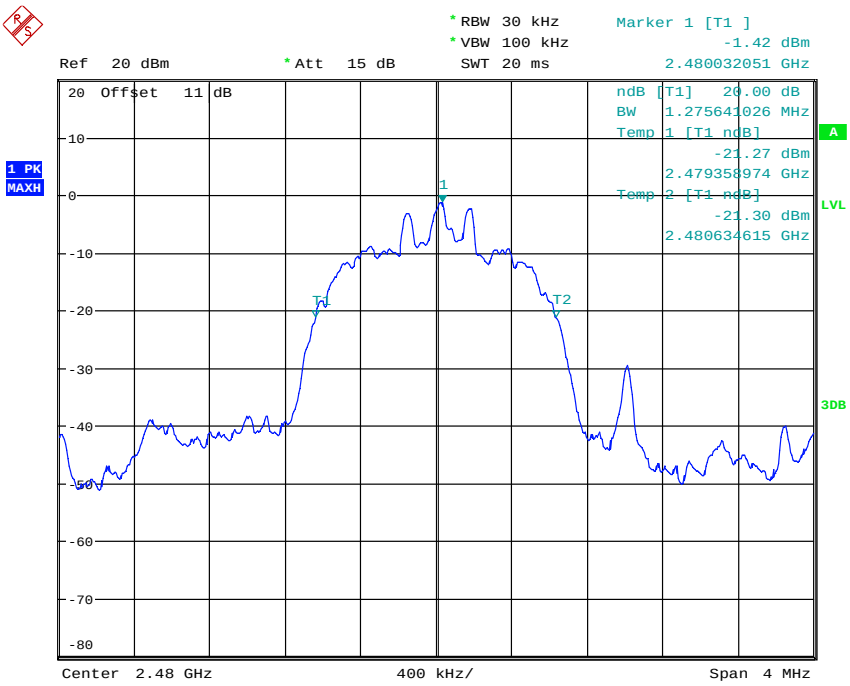
Date: 22.MAR.2012 11:01:26



20DB BANDWIDTH EDR MODE CH39

Date: 22.MAR.2012 11:01:56

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



20DB BANDWIDTH EDR MODE CH78
Date: 22.MAR.2012 11:06:33

Limits:

Frequency Range / MHz	Limit
902-928	≤ 500 kHz
2400-2483.5	not defined
5725-5850	≤ 1 MHz

Test equipment used: ETSTW-RE 055, ETSTW-RE 064

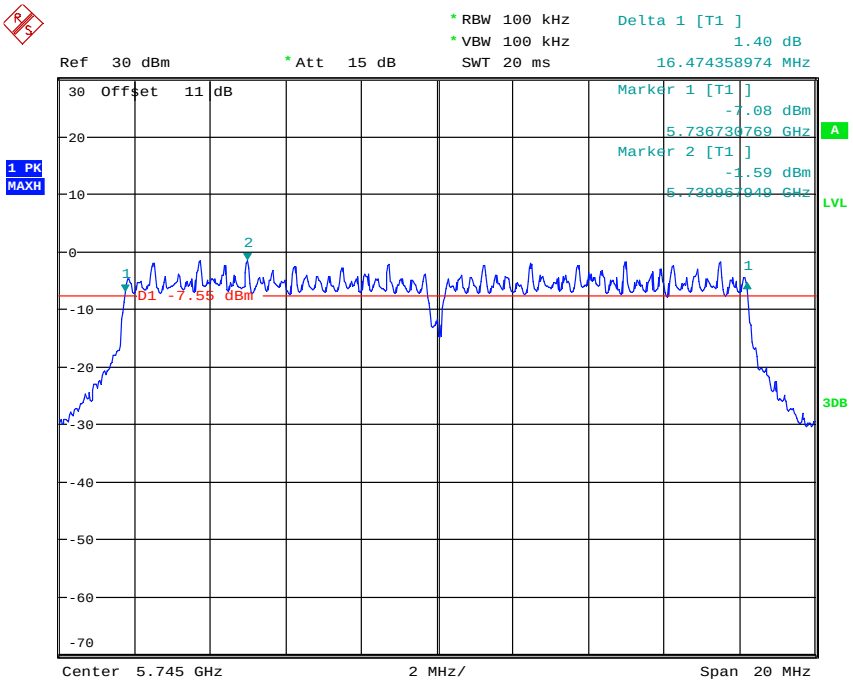
3.9.1 System Receiver Input Bandwidth

It is determined in the Bluetooth core specification. The value matches to the bandwidth of transmitter signal.

3.10 Minimum 6 dB Bandwidth

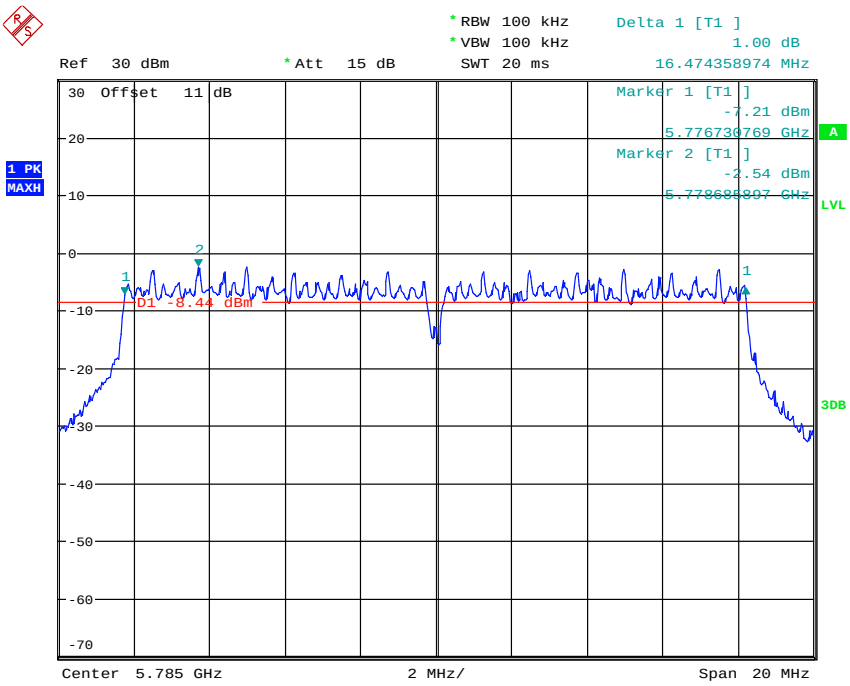
The analyzer ResBW was set to 100 kHz. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. A PEAK reading was taken, two markers were set 6 dB below the maximum level on the right and the left side of the emission.
The 6 dB bandwidth is the frequency difference between the two markers.

Mode A



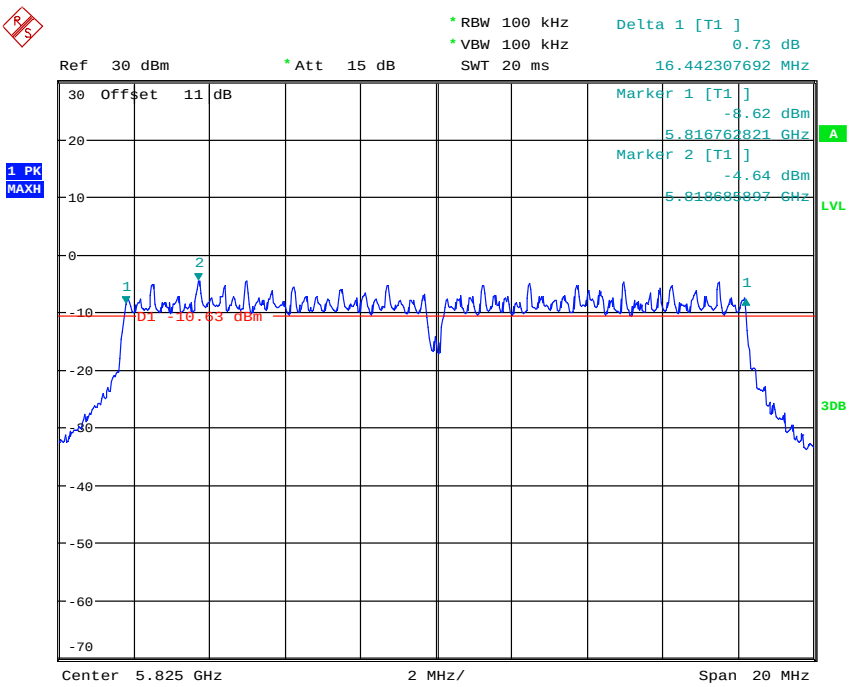
6DB BANDWIDTH TX 802.11A CH149
Date: 22.MAR.2012 10:34:25

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



6DB BANDWIDTH TX 802.11A CH157

Date: 22.MAR.2012 10:32:42

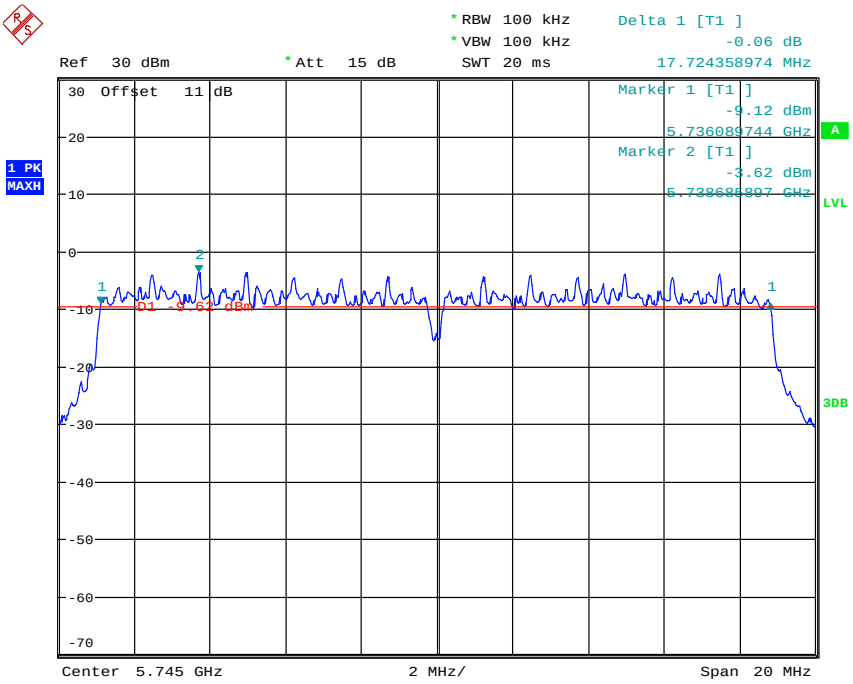


6DB BANDWIDTH TX 802.11A CH165

Date: 22.MAR.2012 10:30:25

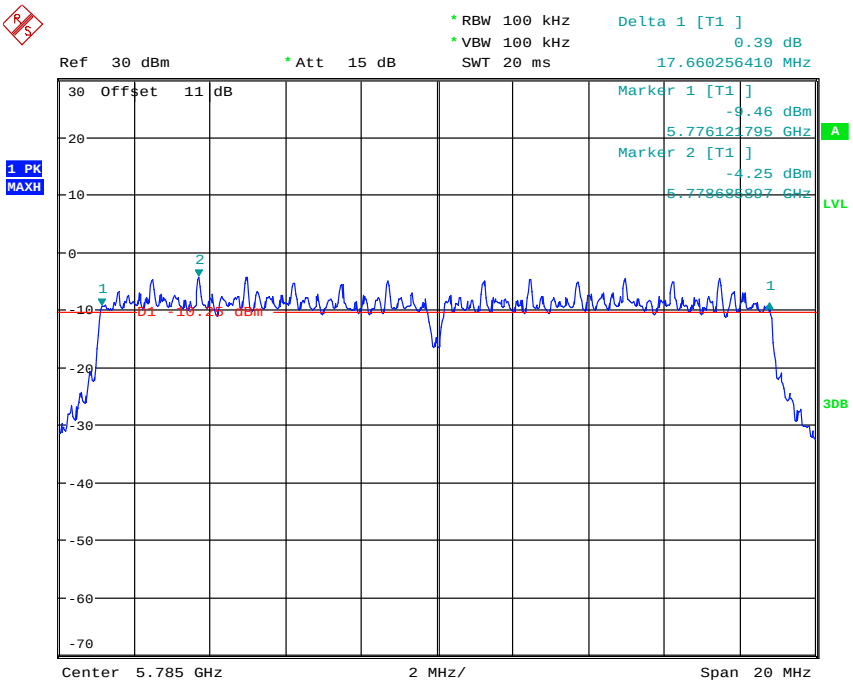
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode B



6DB BANDEDGE 802.11N 20M CH149

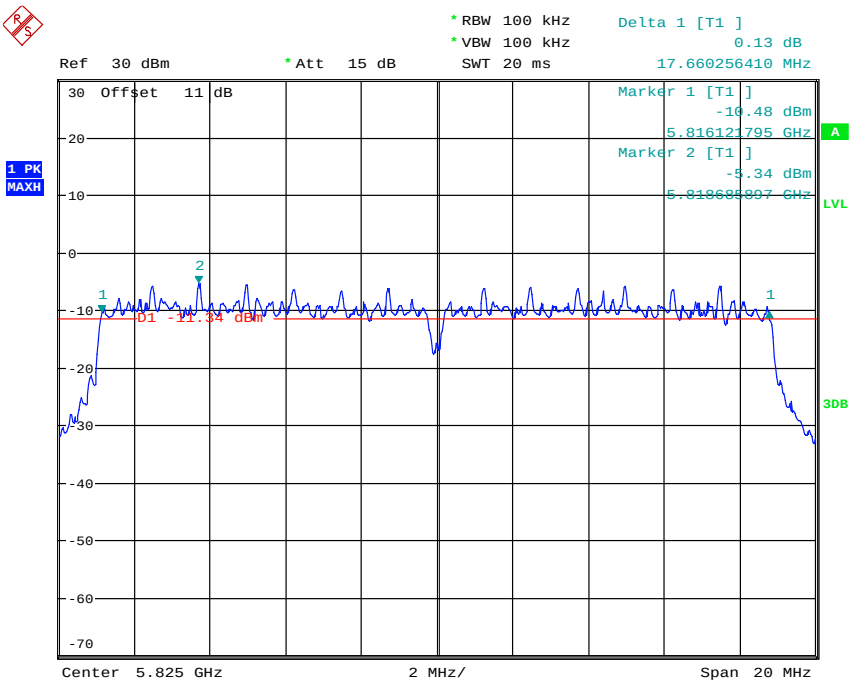
Date: 12.APR.2012 11:36:41



6DB BANDEDGE 802.11N 20M CH157

Date: 12.APR.2012 11:28:18

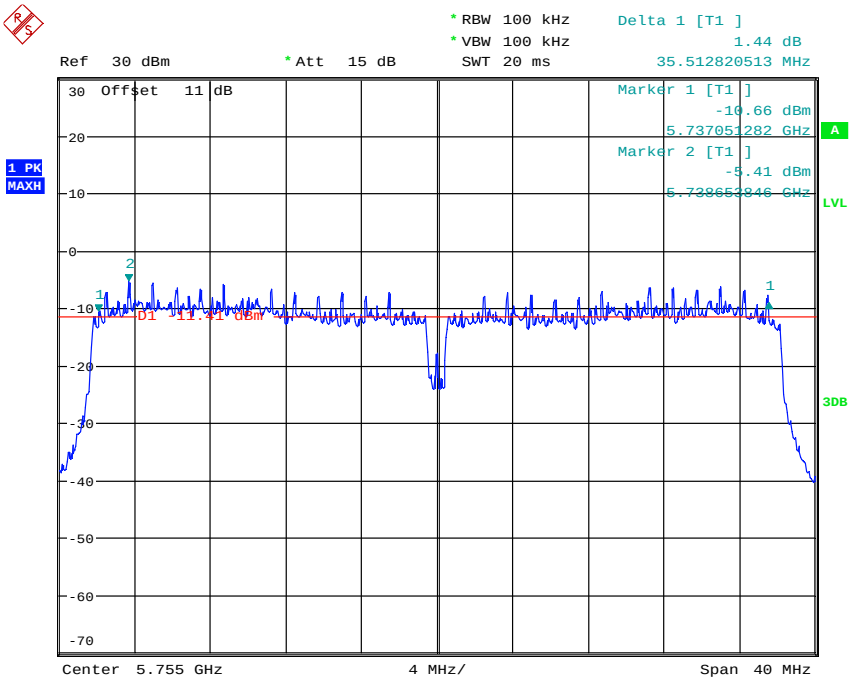
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



6DB BANDEDGE 802.11N 20M CH165
Date: 12.APR.2012 11:26:59

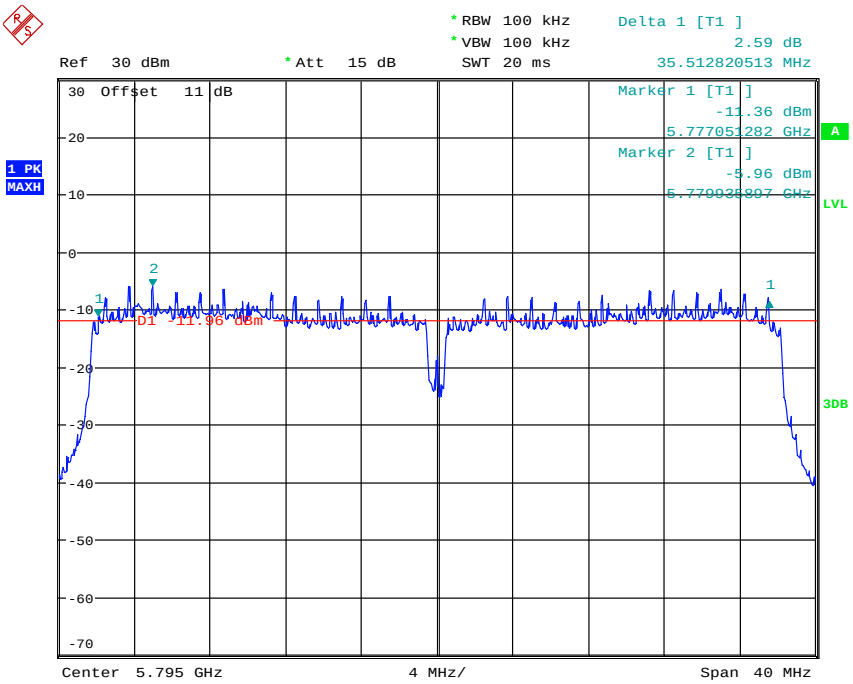
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode C



6DB BANDEDGE 802.11N 40M CH151

Date: 12.APR.2012 11:32:13

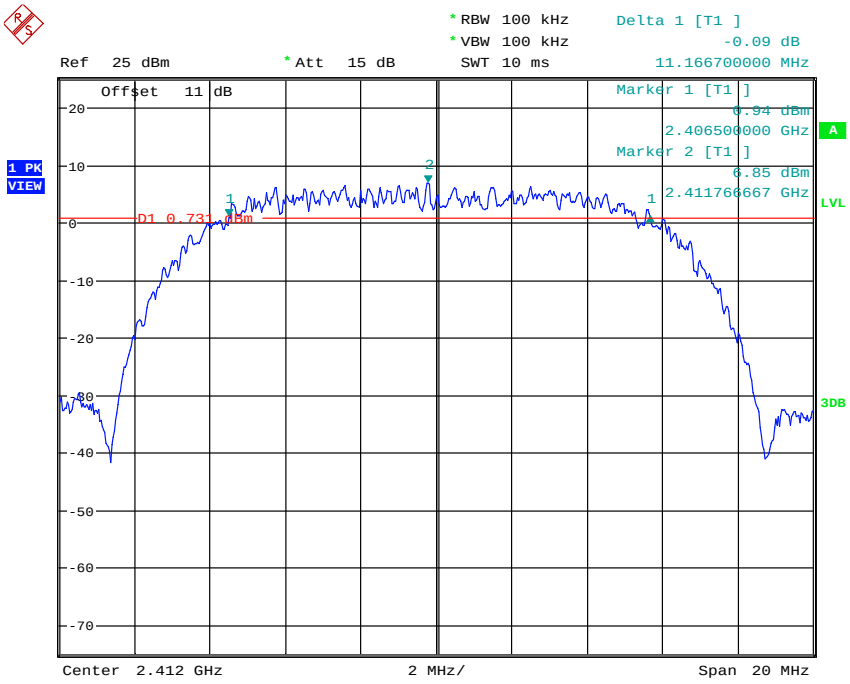


6DB BANDEDGE 802.11N 40M CH159

Date: 12.APR.2012 11:31:02

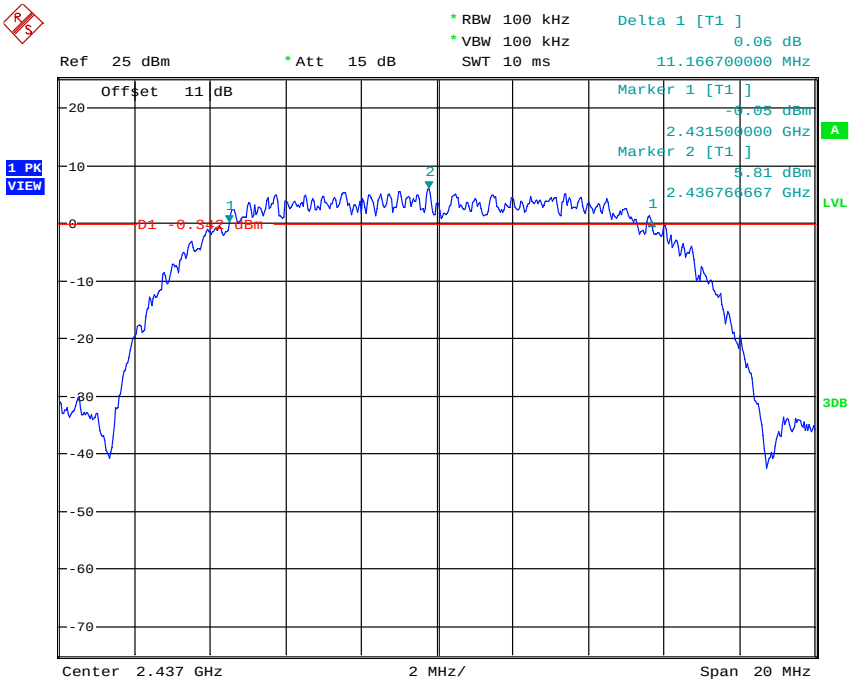
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode D



6DB BANDWIDTH 802.11B CH01

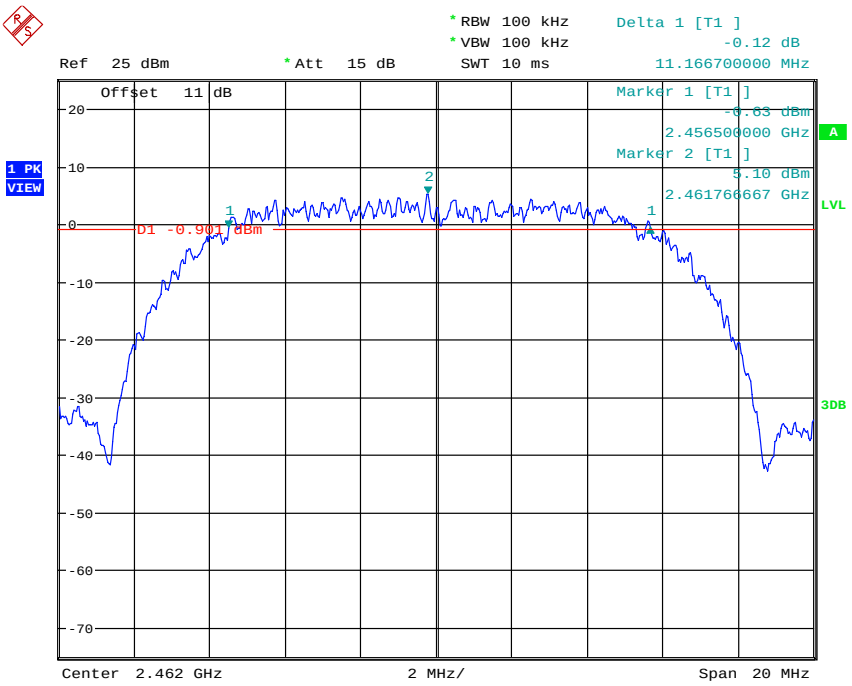
Date: 22.MAR.2012 09:51:38



6DB BANDWIDTH 802.11B CH06

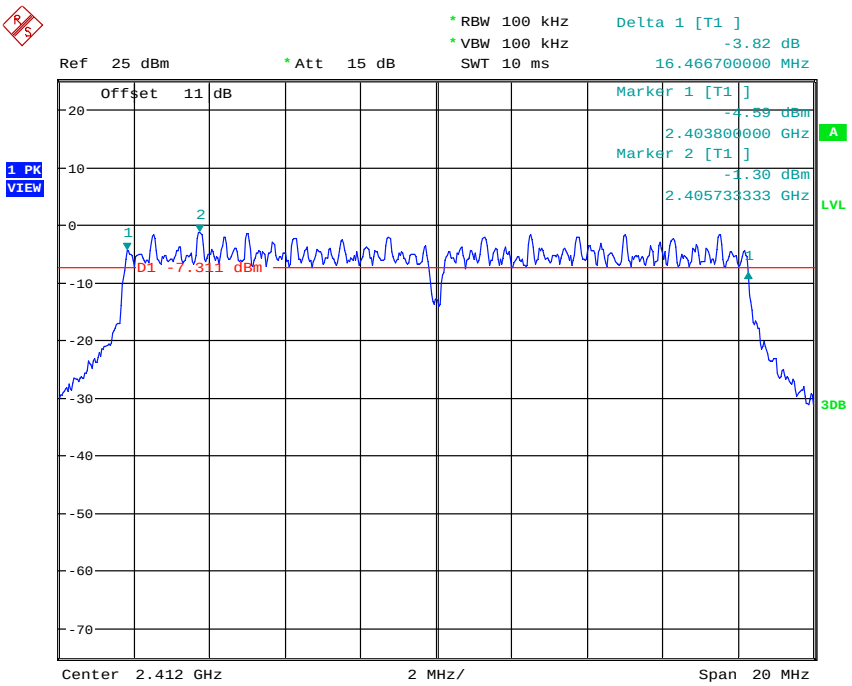
Date: 22.MAR.2012 09:38:14

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



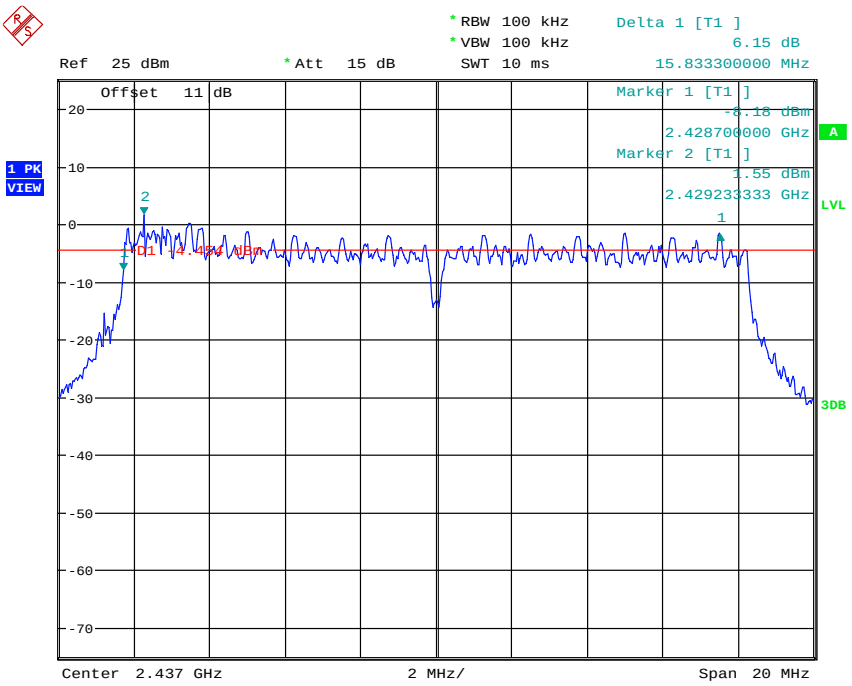
6DB BANDWIDTH 802.11B CH011
Date: 22.MAR.2012 09:38:48

Mode E



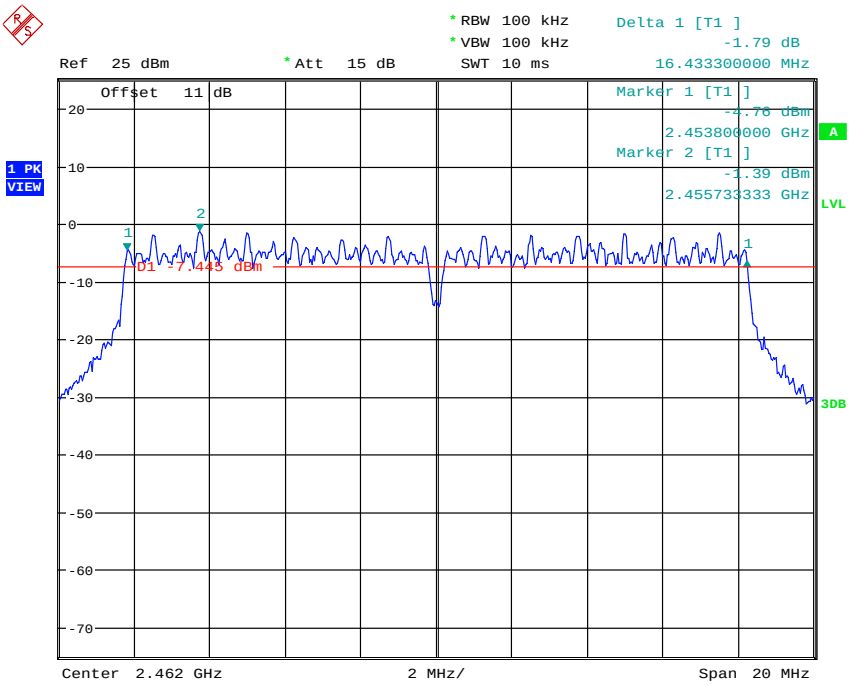
6DB BANDWIDTH 802.11G CH01
Date: 22.MAR.2012 09:39:51

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



6DB BANDWIDTH 802.11G CH06

Date: 22.MAR.2012 09:40:33

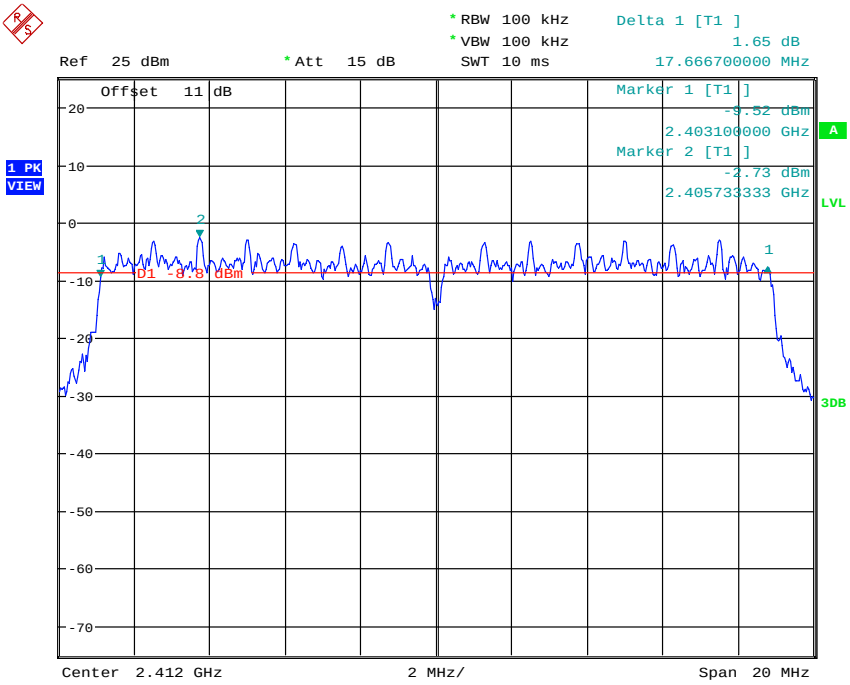


6DB BANDWIDTH 802.11G CH11

Date: 22.MAR.2012 09:41:16

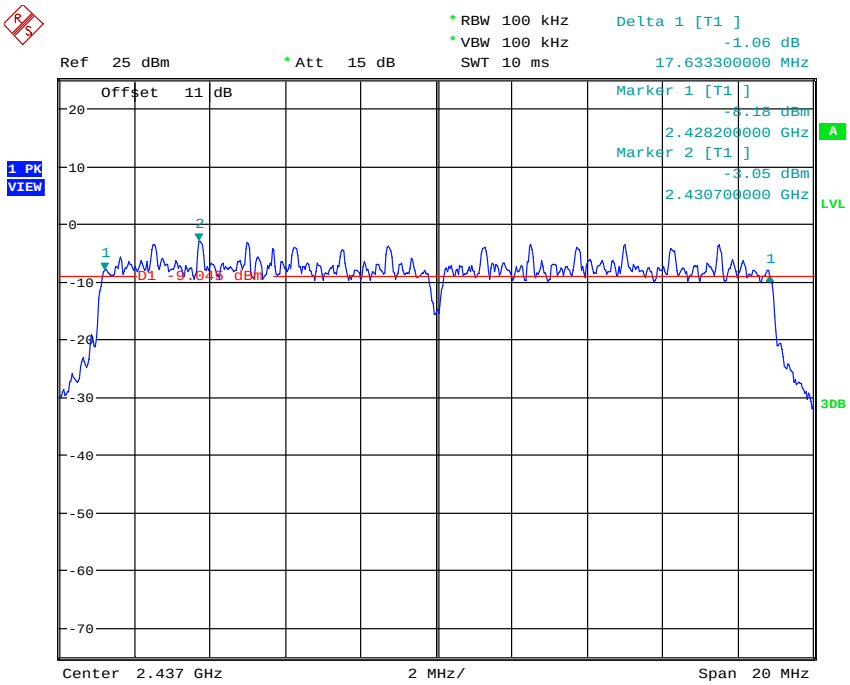
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode F



6DB BANDWIDTH 802.11N 20MHZ CH01

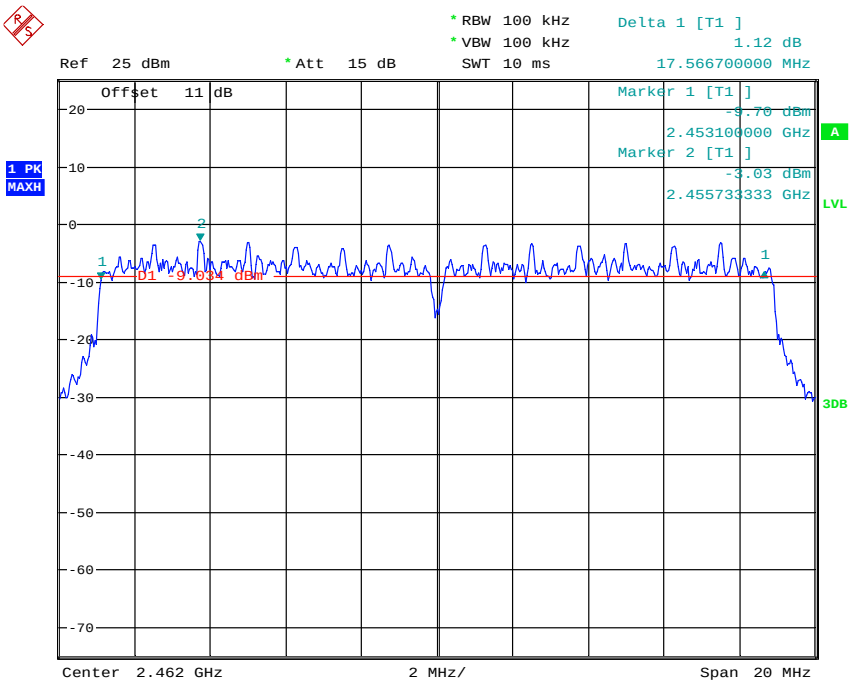
Date: 22.MAR.2012 09:42:17



6DB BANDWIDTH 802.11N 20MHZ CH06

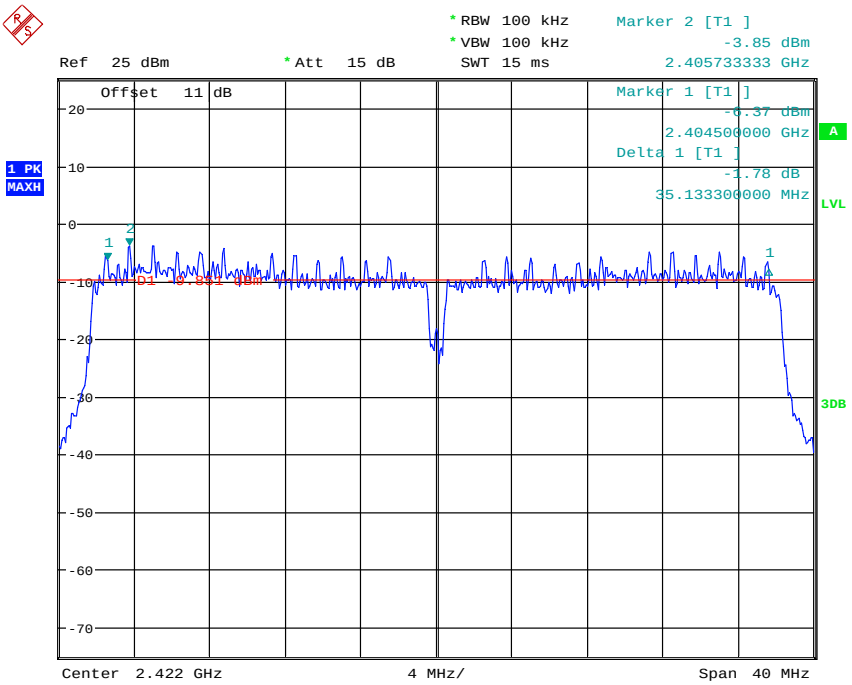
Date: 22.MAR.2012 09:42:49

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



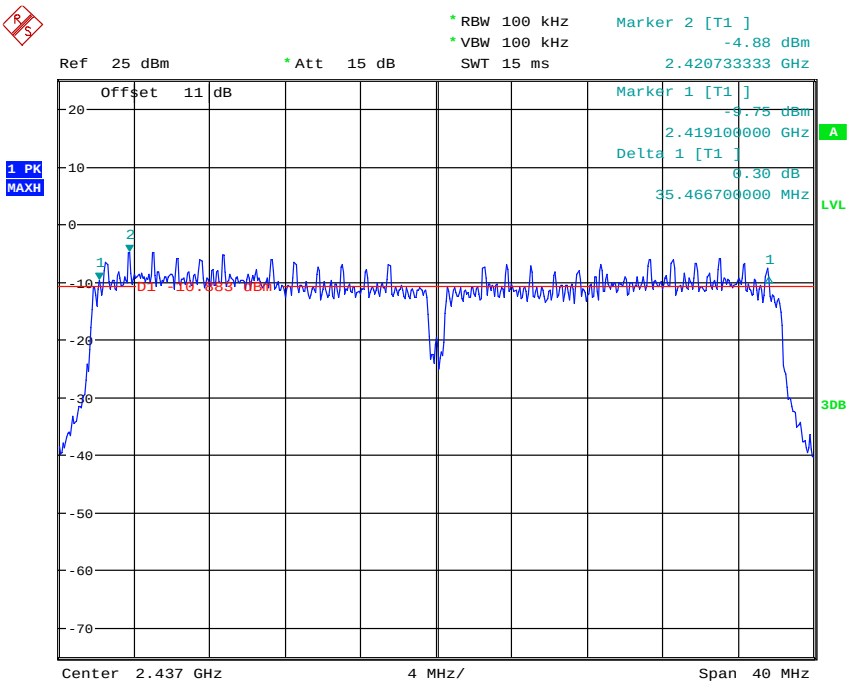
6DB BANDWIDTH 802.11N 20MHZ CH11
Date: 22.MAR.2012 09:43:28

Mode G

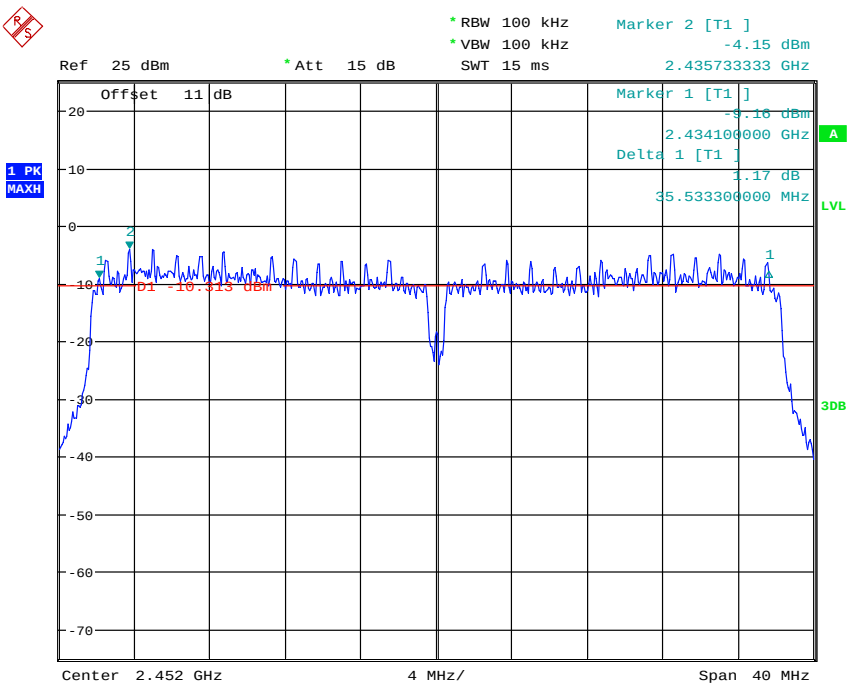


6DB BANDWIDTH 802.11N 40MHZ CH01
Date: 22.MAR.2012 09:44:15

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



6DB BANDWIDTH 802.11N 40MHZ CH04
Date: 22.MAR.2012 09:45:07



6DB BANDWIDTH 802.11N 40MHZ CH07
Date: 22.MAR.2012 09:45:51

Limits:

Frequency Range MHz	**Limits**
902-928	min 500 kHz
2400-2483.5	min 500 kHz
5725-5850	min 500 kHz

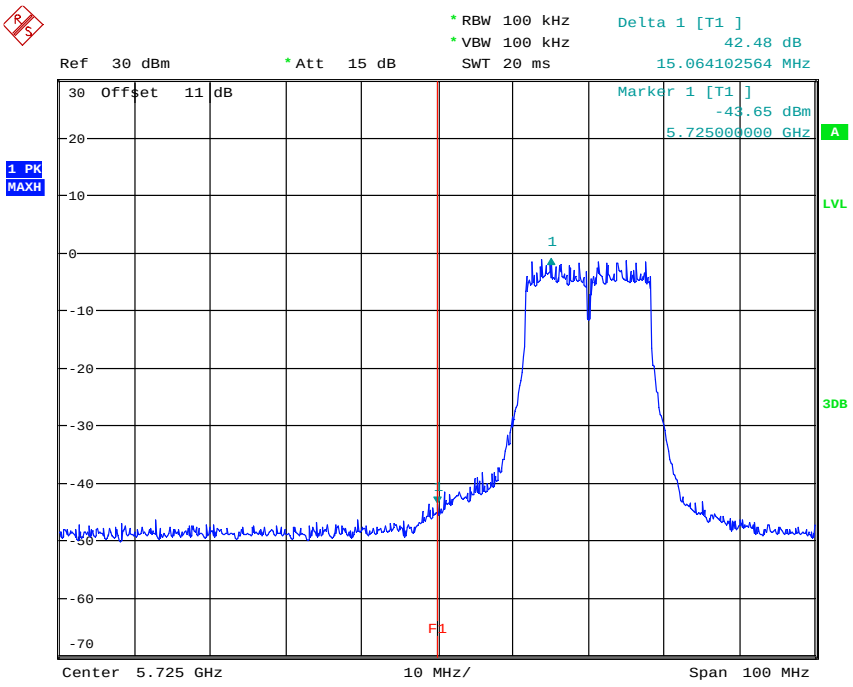
Test equipment used: ETSTW-RE 055

3.11 Radiated Emission on the band edge

According to FCC rules part 15 subpart C §15.247(c) in any 100 kHz bandwidth outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB 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. Attenuation below the general limits specified in § 15.209(a) is not required.

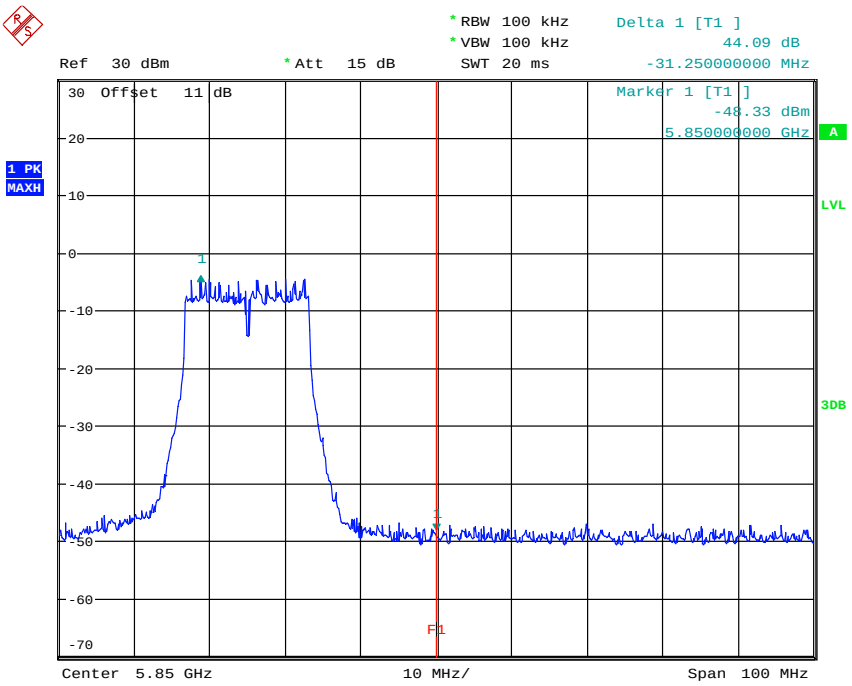
In addition radiated emission which fall in the restricted bands, as defined in section 15.205(a), must also with the radiated emission limits.

Mode A



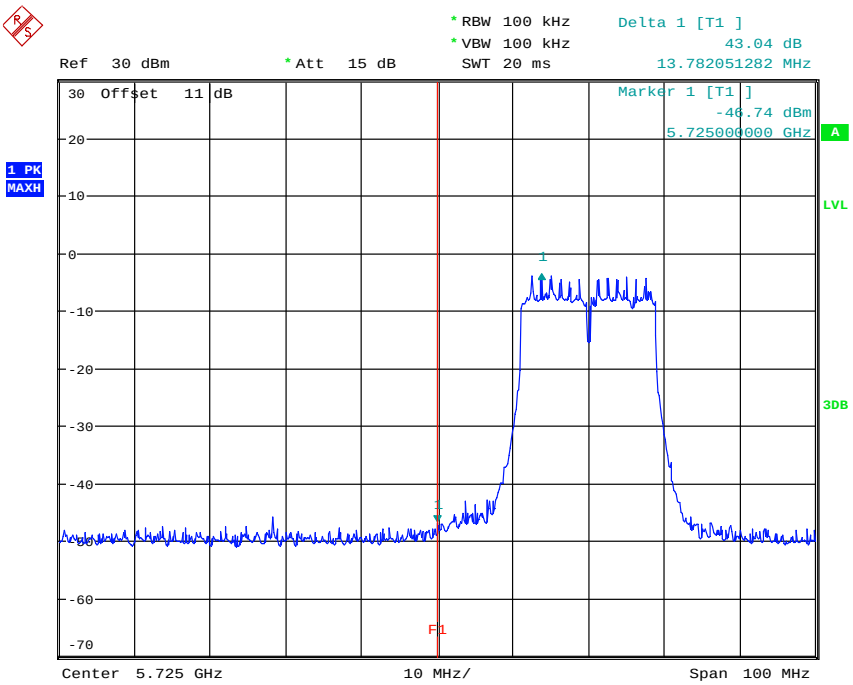
BANDEDGE TX 802.11A CH149
Date: 22.MAR.2012 10:36:22

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



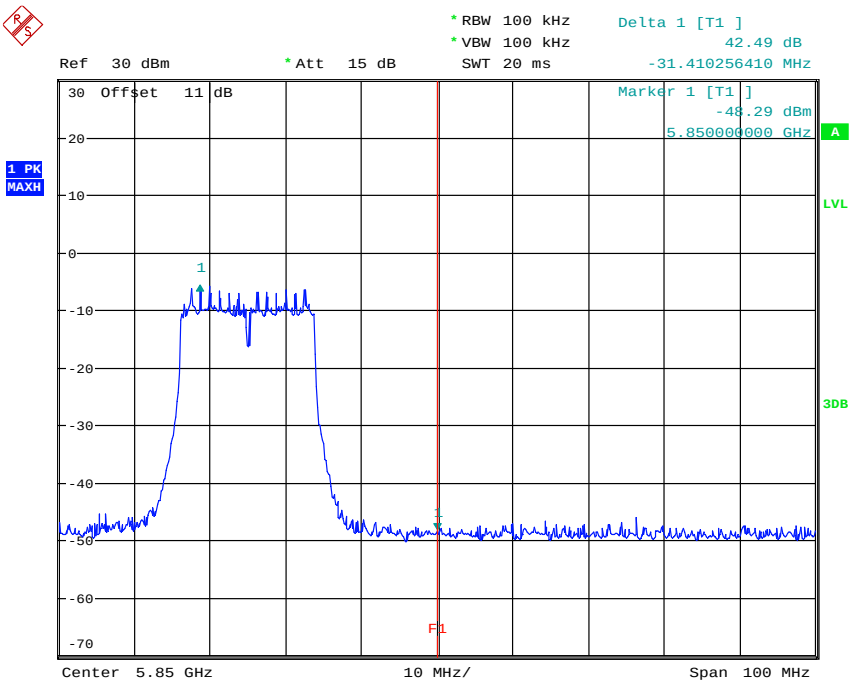
BANDEDGE TX 802.11A CH165
Date: 22.MAR.2012 10:37:16

Mode B



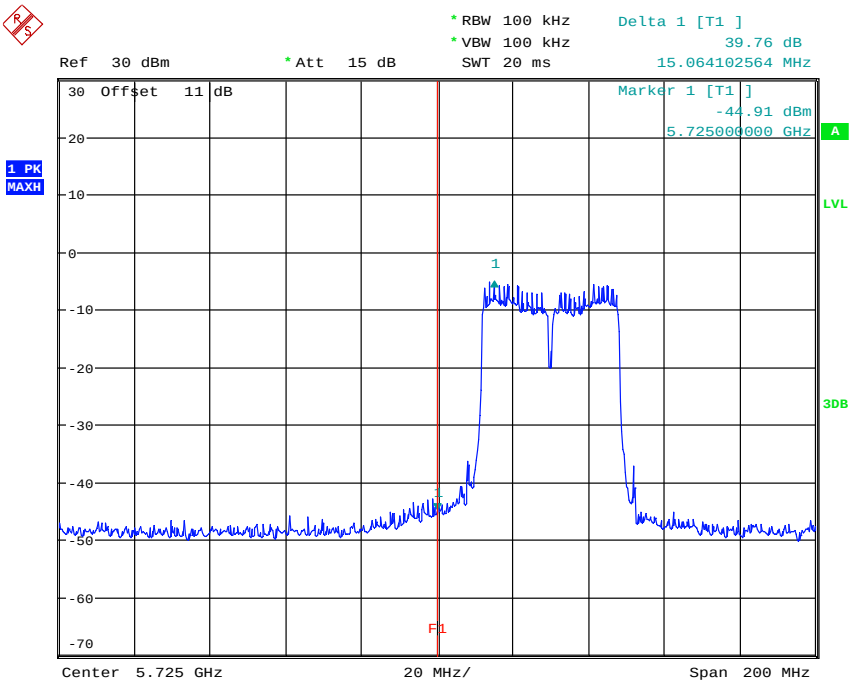
BANDEDGE 802.11N 20M CH149
Date: 12.APR.2012 11:22:42

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



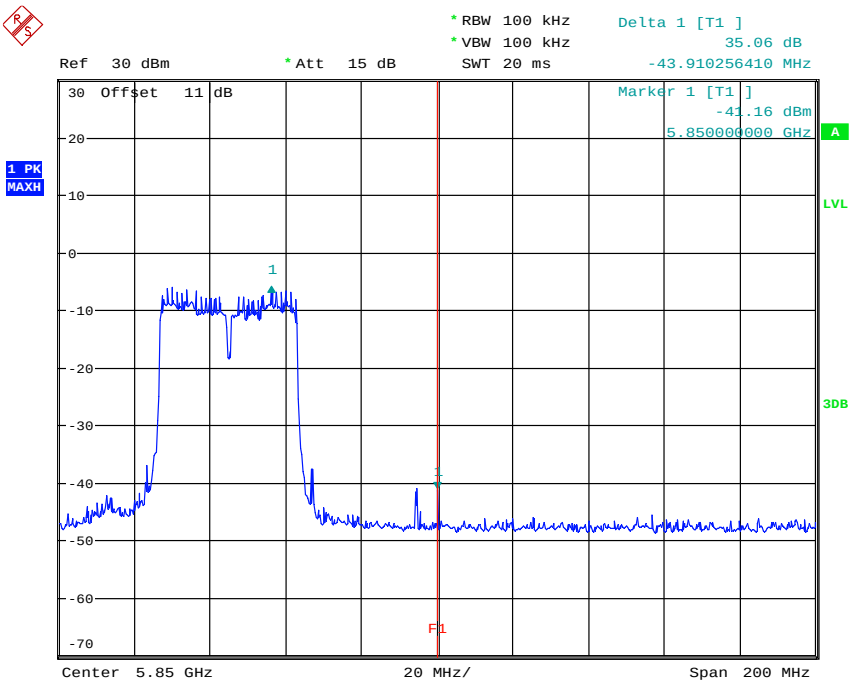
BANDEDGE 802.11N 20M CH165
Date: 12.APR.2012 11:23:42

Mode C



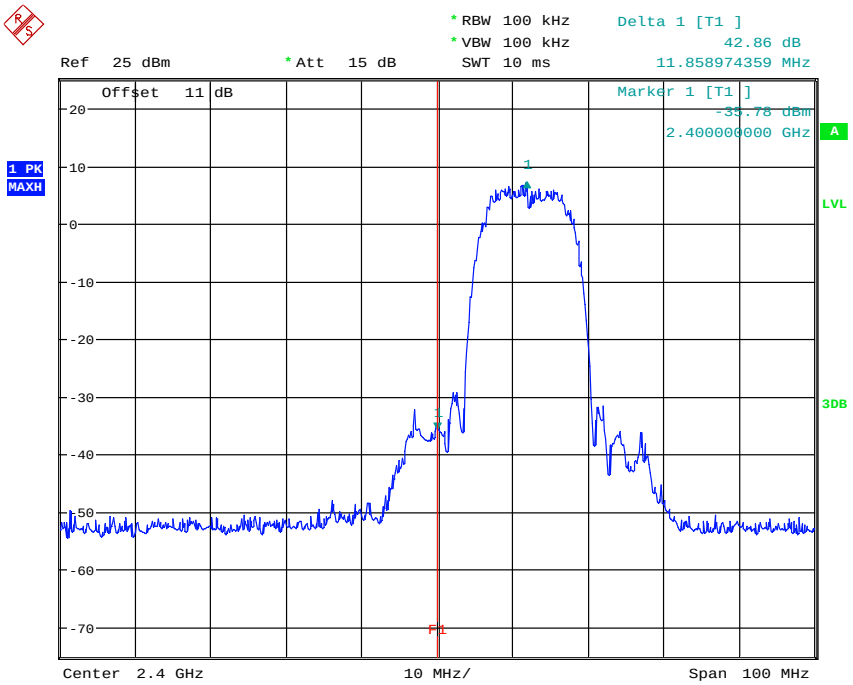
BANDEDGE 802.11N 40M CH151
Date: 12.APR.2012 11:21:34

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



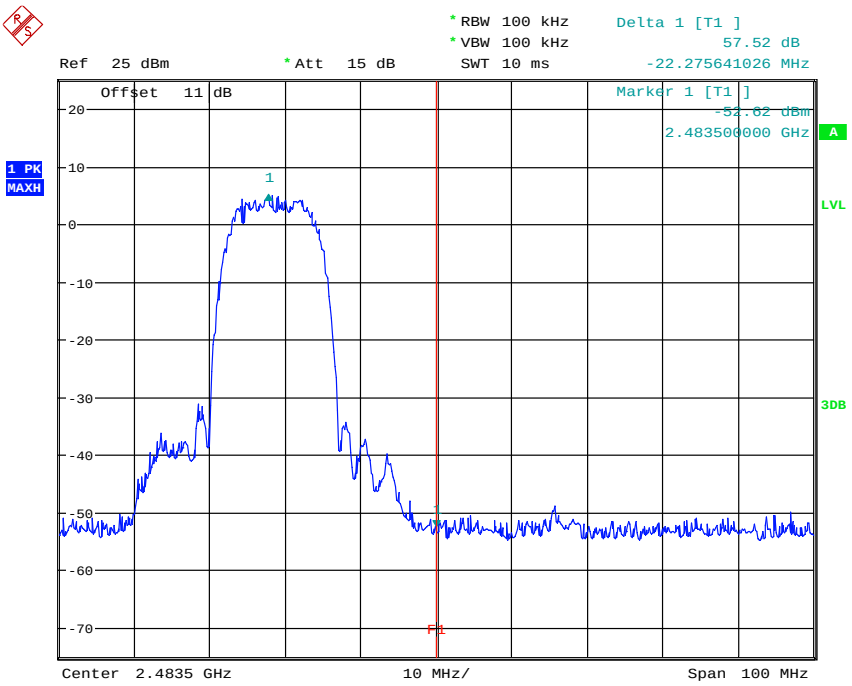
BANDEDGE 802.11N 40M CH159
Date: 12.APR.2012 11:20:22

Mode D



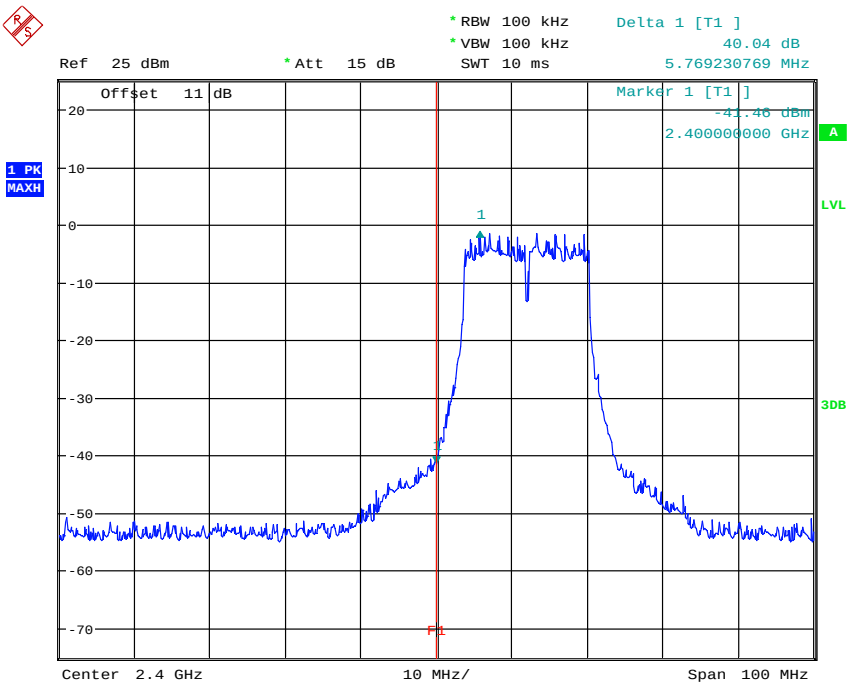
BANDEDGE 802.11B CH01
Date: 22.MAR.2012 09:51:54

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



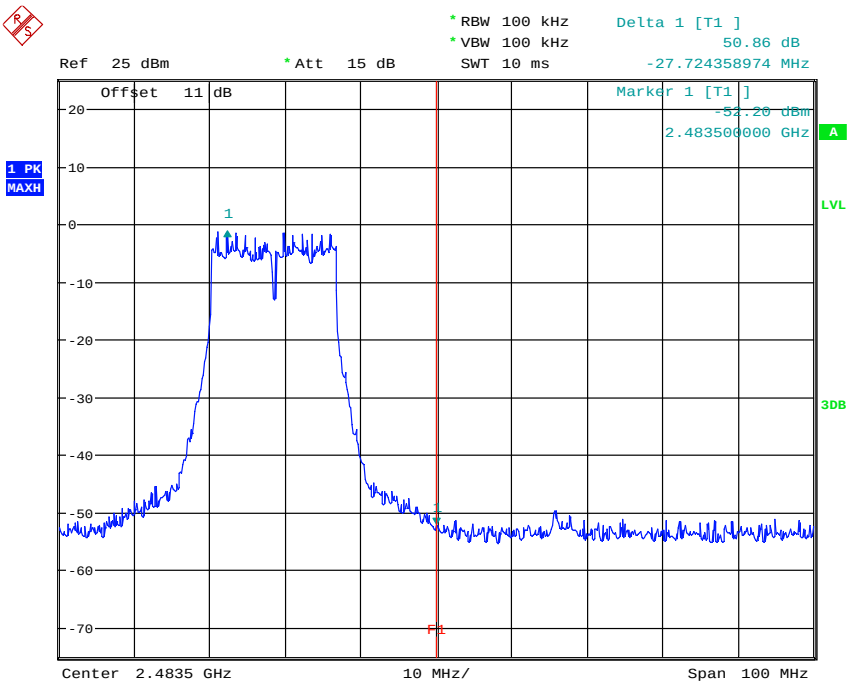
BANDEDGE 802.11B CH11
Date: 22.MAR.2012 09:39:03

Mode E



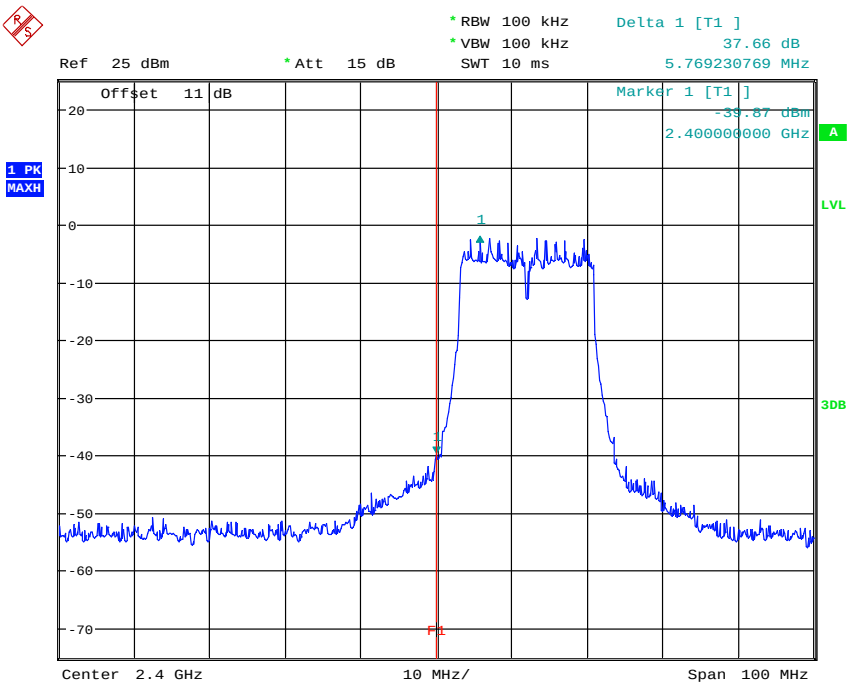
BANDEDGE 802.11G CH01
Date: 22.MAR.2012 09:39:42

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



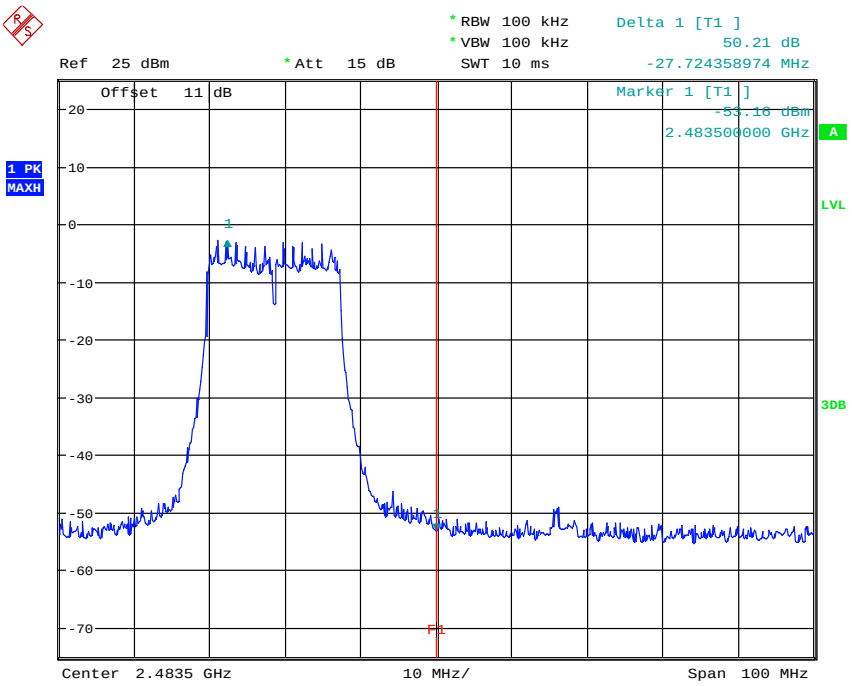
BANDEDGE 802.11G CH11
Date: 22.MAR.2012 09:41:07

Mode F



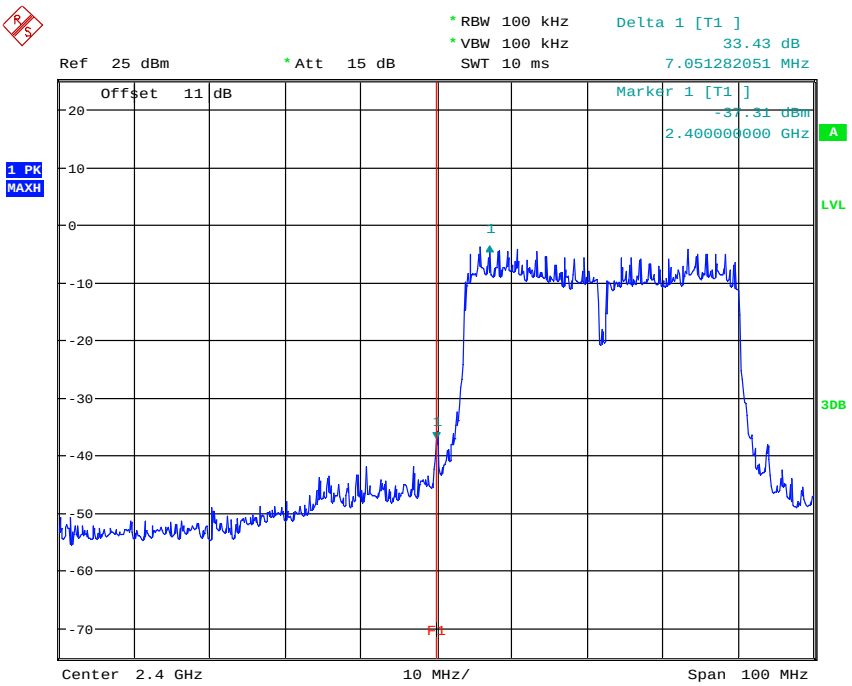
BANDEDGE 802.11N 20MHZ CH01
Date: 22.MAR.2012 09:42:09

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



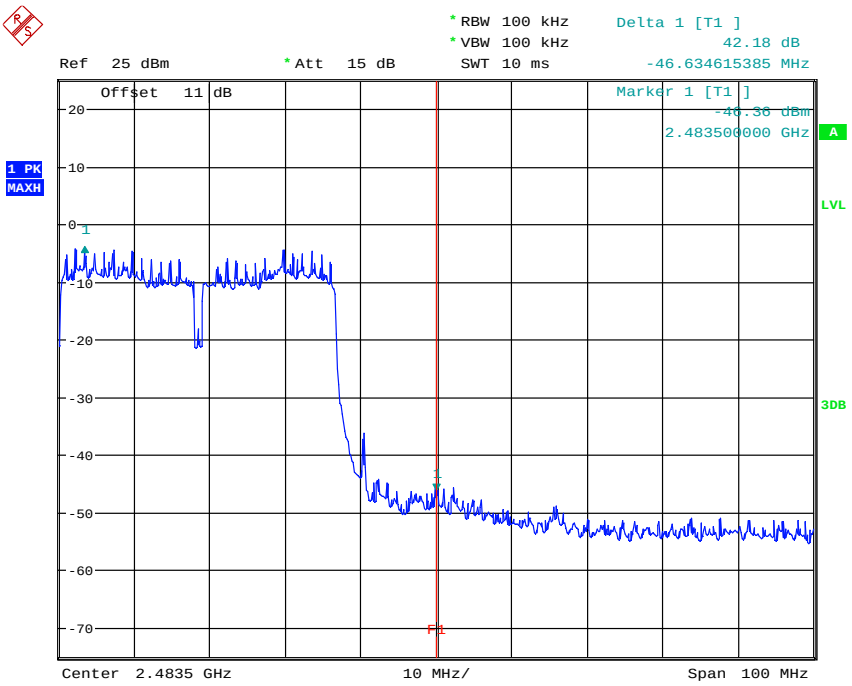
BANDEDGE 802.11N 20MHZ CH11
Date: 22.MAR.2012 09:43:20

Mode G



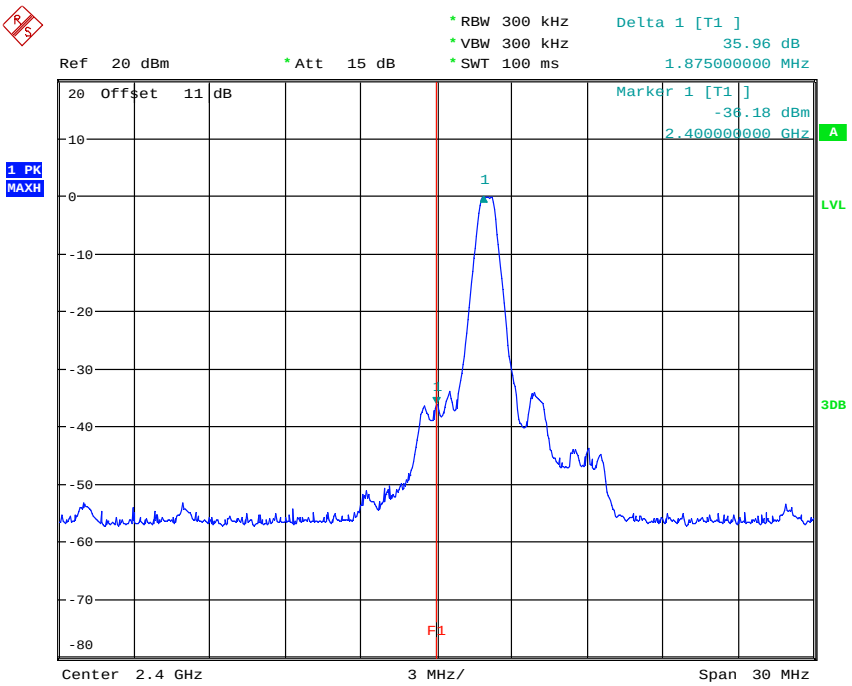
BANDEDGE 802.11N 40MHZ CH01
Date: 22.MAR.2012 09:44:07

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



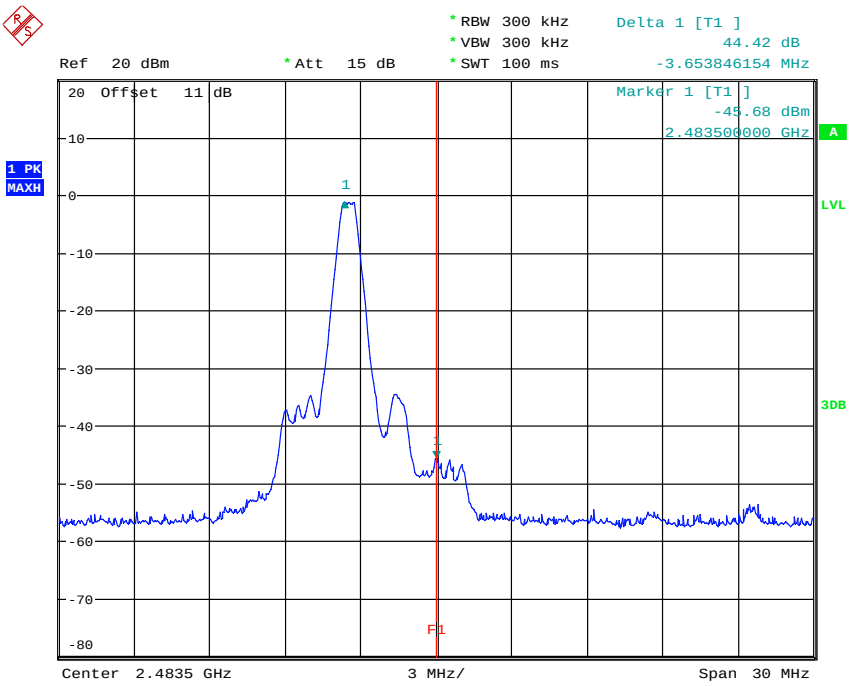
BANDEDGE 802.11N 40MHZ CH07
Date: 22.MAR.2012 09:45:43

Mode H



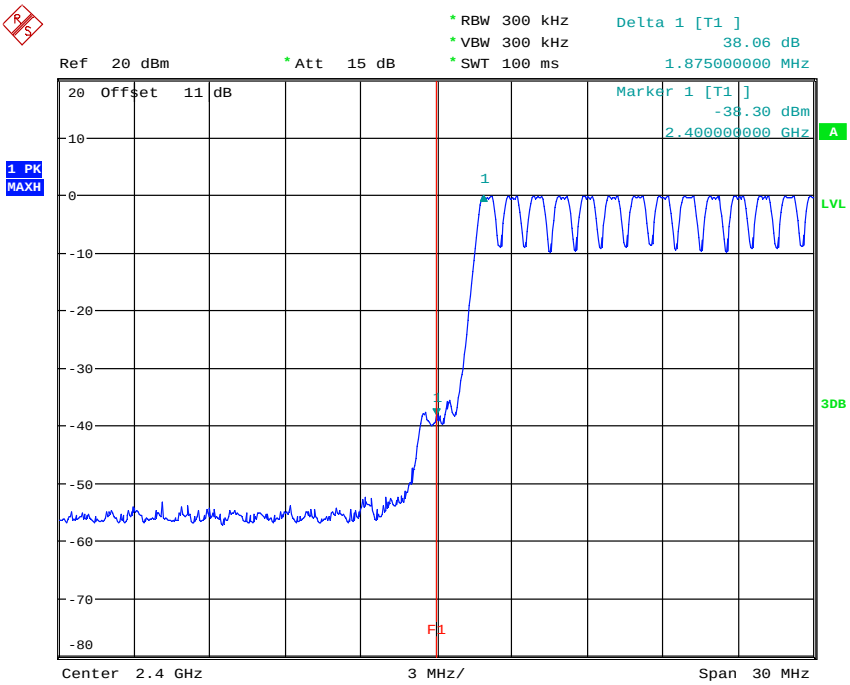
BANDEDGE CH0
Date: 22.MAR.2012 11:25:27

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



BANDEDGE CH78

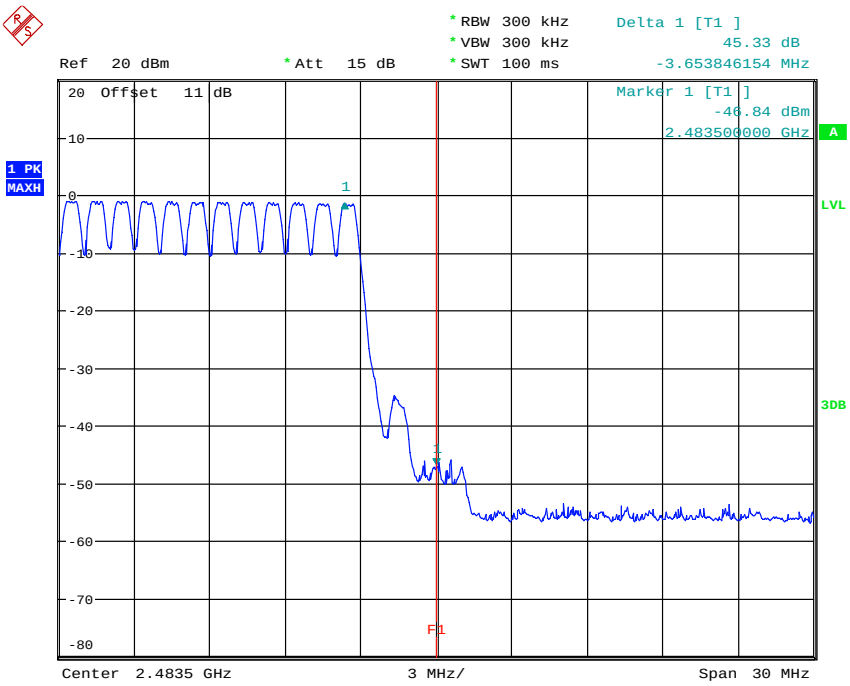
Date: 22.MAR.2012 11:24:47



BANDEDGE CH0 HOPPING MODE

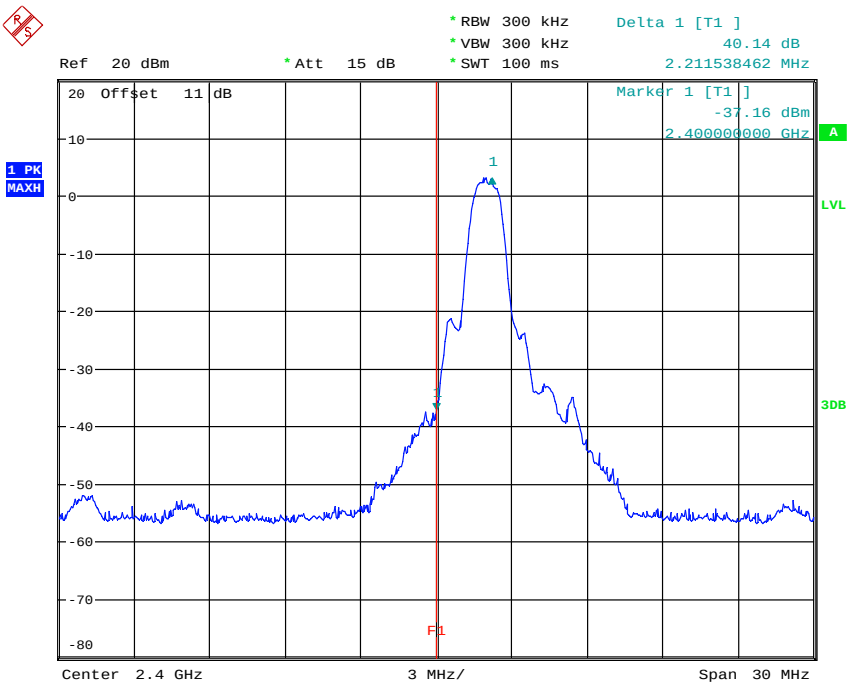
Date: 22.MAR.2012 11:26:47

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



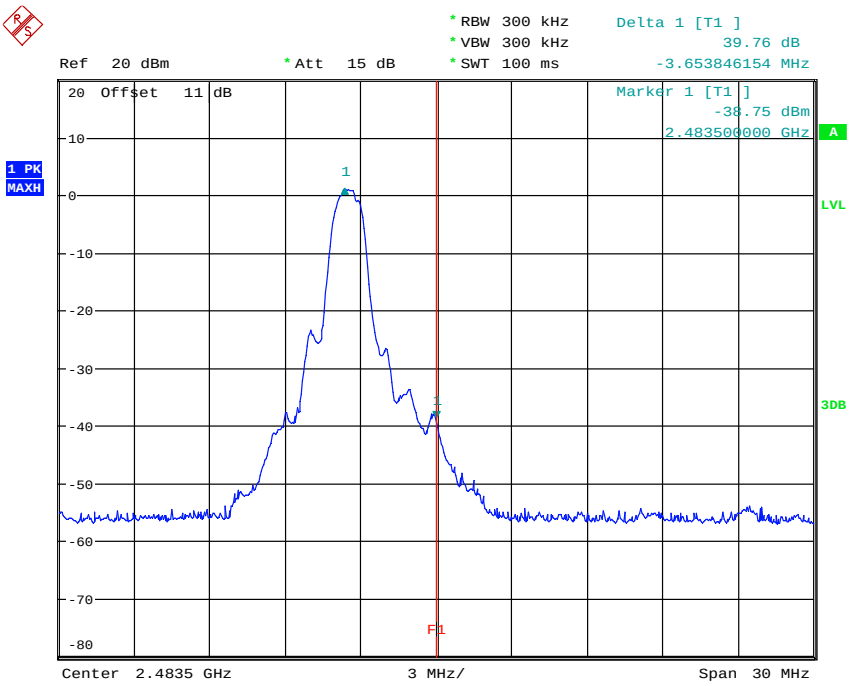
BANDEDGE CH78 HOPPING MODE
Date: 22.MAR.2012 11:24:21

Mode I



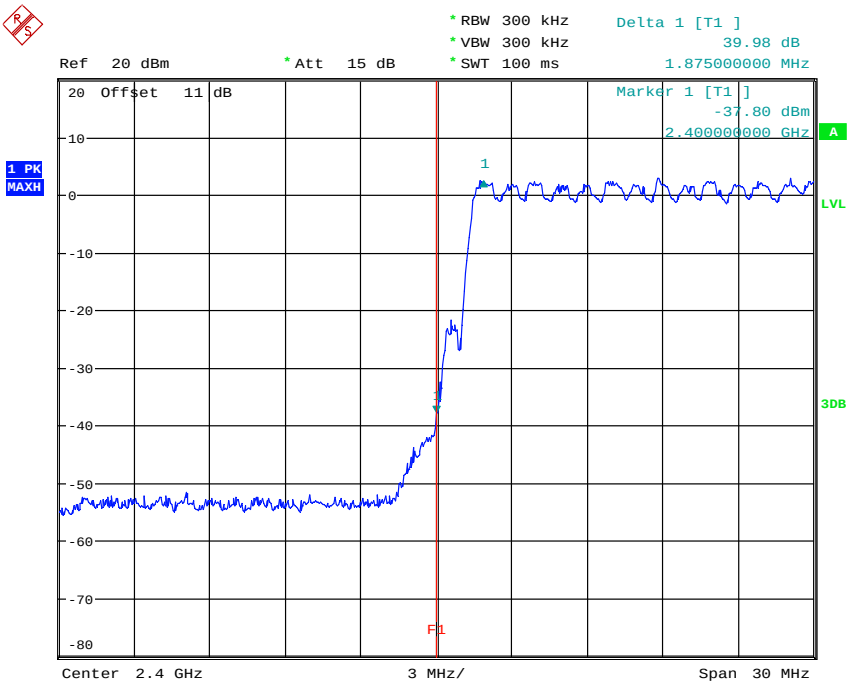
BANDEDGE EDR MODE CH0
Date: 22.MAR.2012 11:38:51

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



BANDEDGE EDR MODE CH78

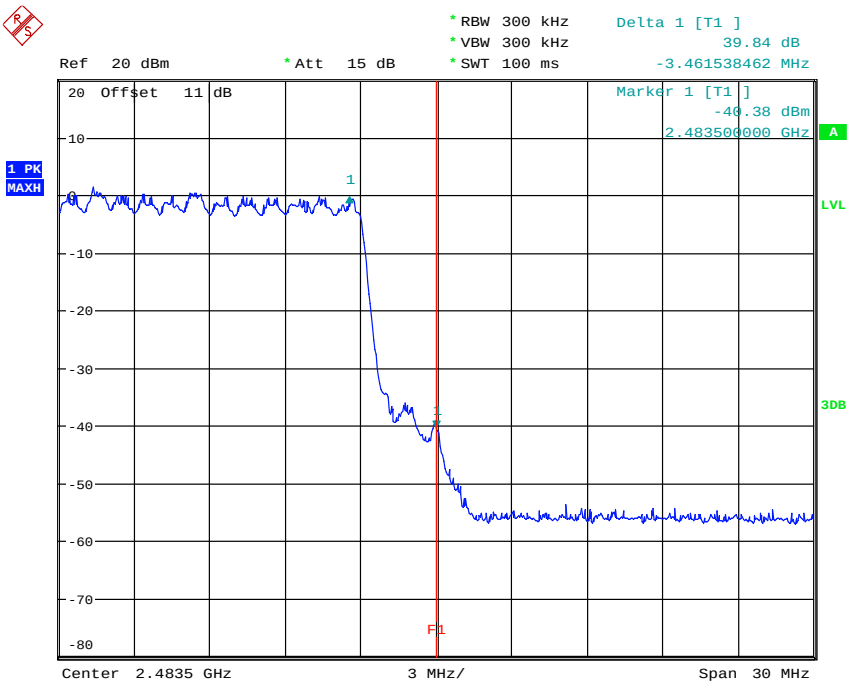
Date: 22.MAR.2012 11:39:39



BANDEDGE EDR MODE CH0 HOPPING MODE

Date: 22.MAR.2012 11:38:16

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



BANDEDGE EDR MODE CH78 HOPPING MODE
Date: 22.MAR.2012 11:40:52

Limit:

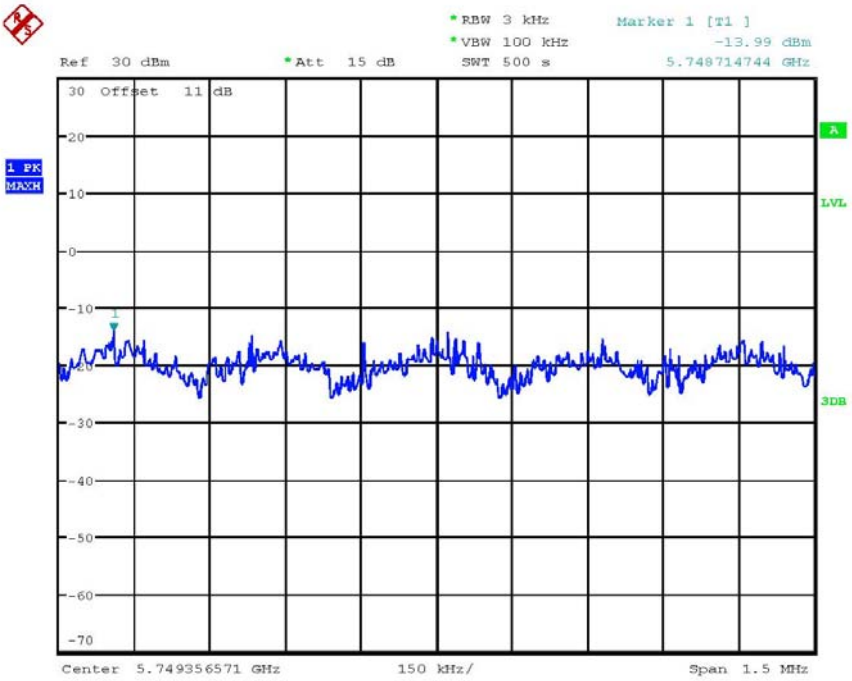
Frequency Range / MHz	Limit
902 –928 2400 – 2483.5 5725 - 5850	- 20 dB

Test equipment used: ETSTW-RE 055

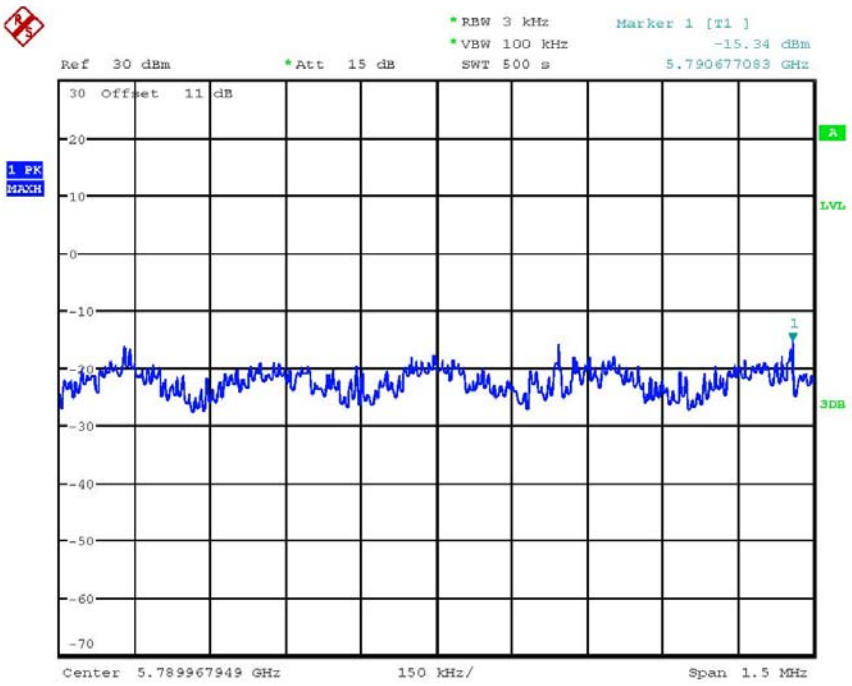
3.12 Peak Power Spectral Density

Peak Power Spectral density is a measured at low, middle and high channel.
The peak output power is measured with a measurement bandwidth of 10 MHz and displayed on diagram together with Peak Power Spectral Density result which was measured with a bandwidth of 3 kHz, appreciate frequency span and sweep time.

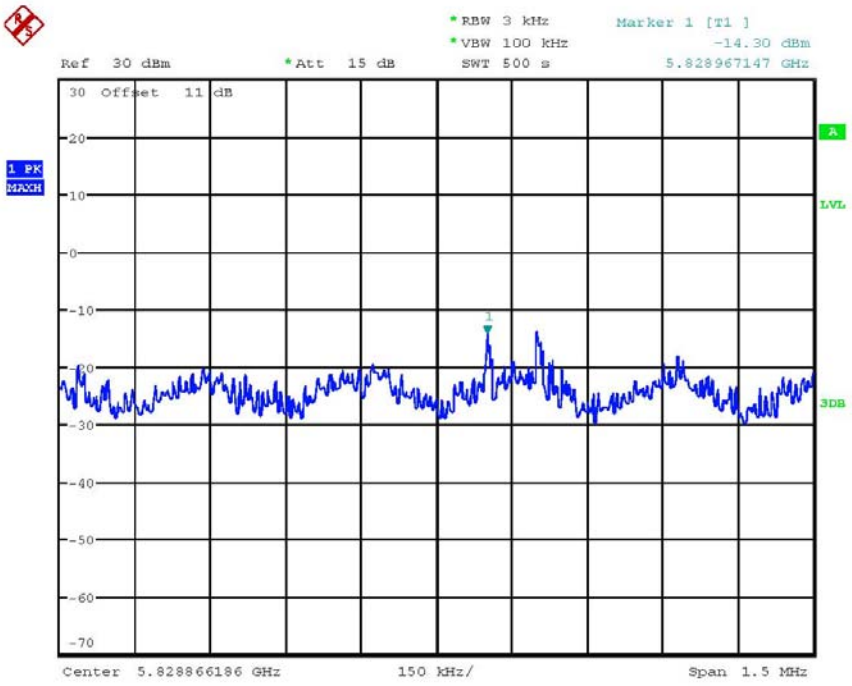
Mode A



POWER DENSITY TX 802.11A CH149
Date: 22.MAR.2012 10:25:23



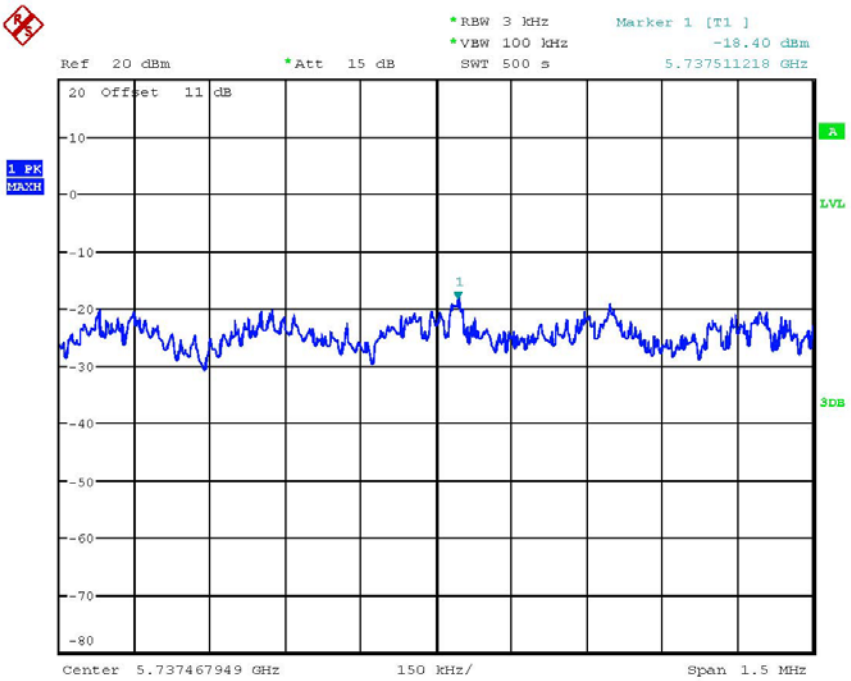
POWER DENSITY TX 802.11A CH157
Date: 22.MAR.2012 10:26:50



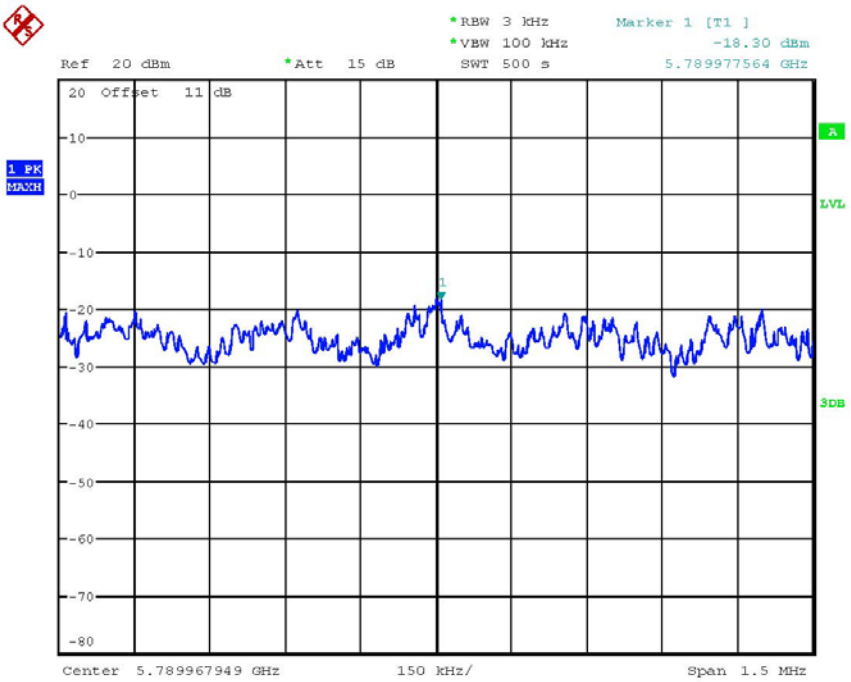
POWER DENSITY TX 802.11A CH165
Date: 22.MAR.2012 10:27:51

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode B

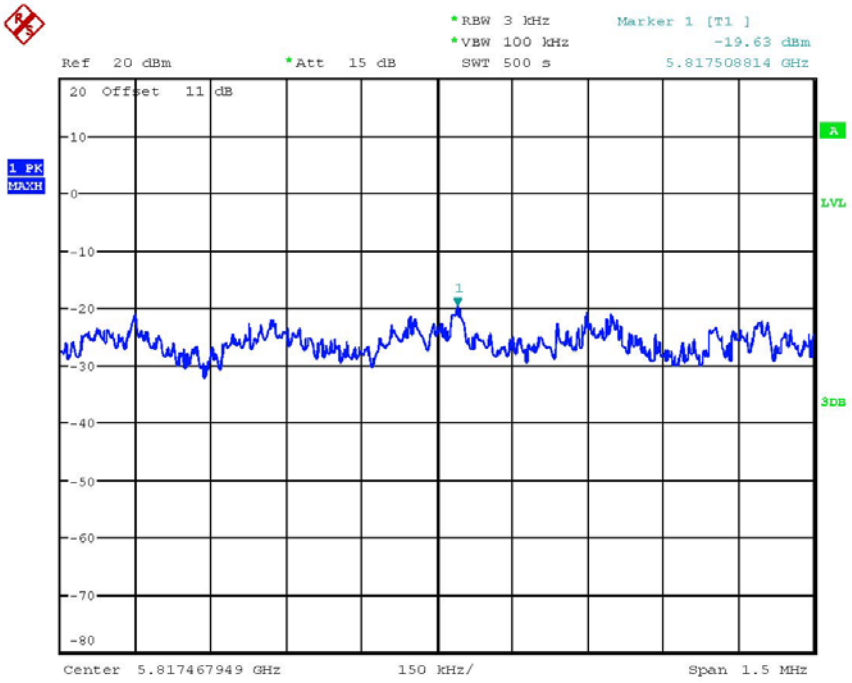


POWER DENSITY 802.11N 20M CH149
Date: 12.APR.2012 11:01:08



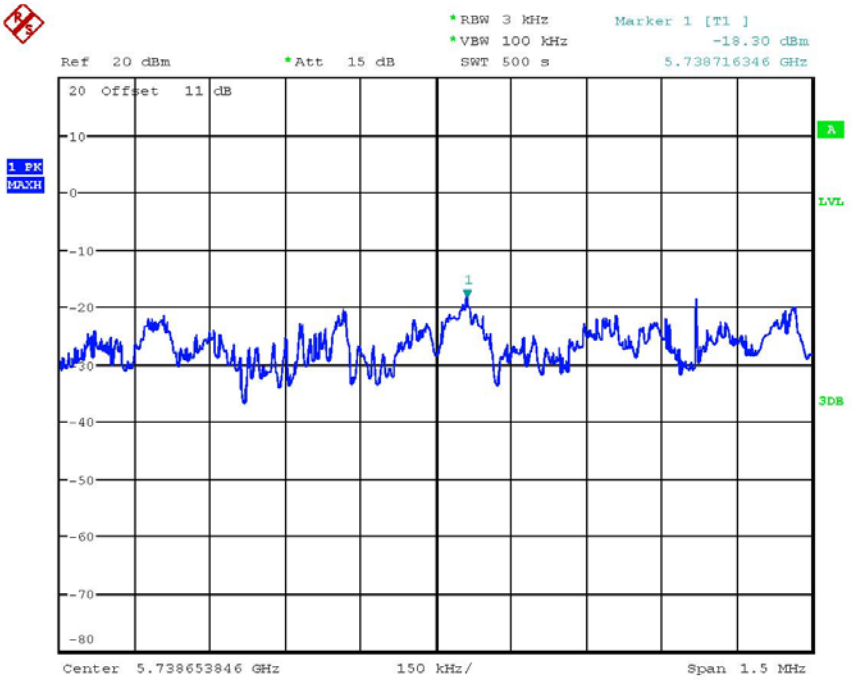
POWER DENSITY 802.11N 20M CH157
Date: 12.APR.2012 10:59:51

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



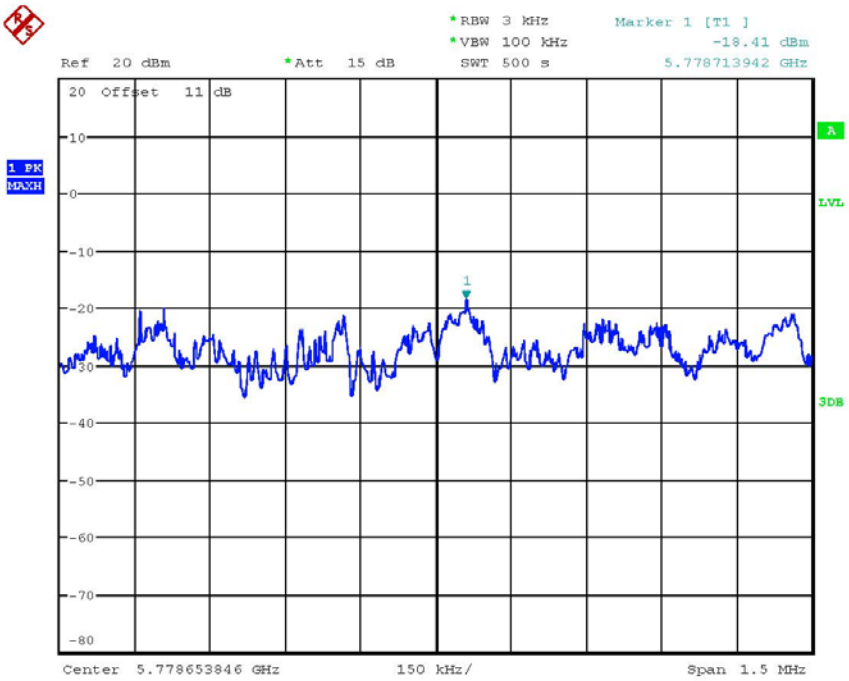
POWER DENSITY 802.11N 20M CH165
Date: 12.APR.2012 10:58:43

Mode C



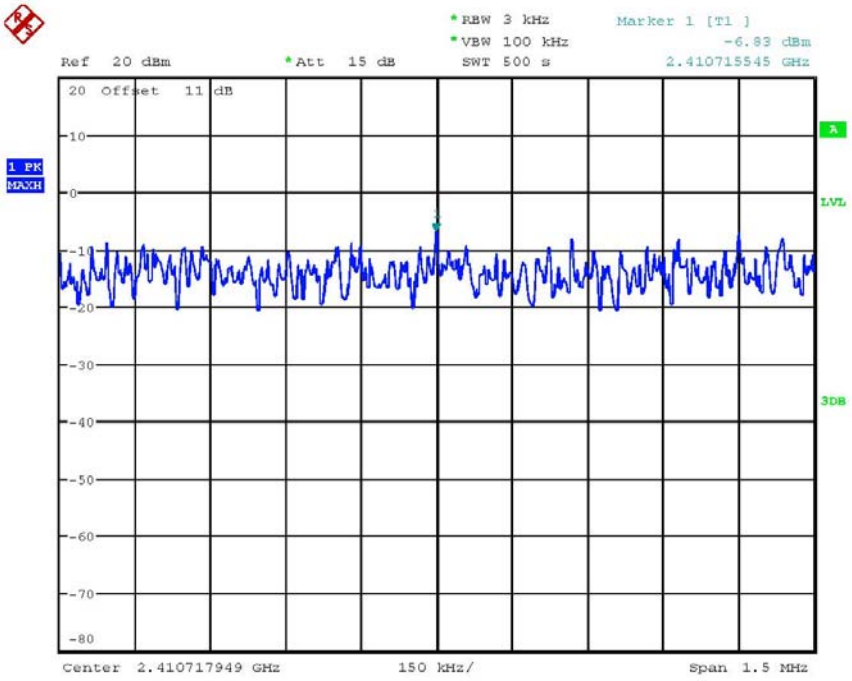
POWER DENSITY 802.11N 40M CH151
Date: 12.APR.2012 11:03:04

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



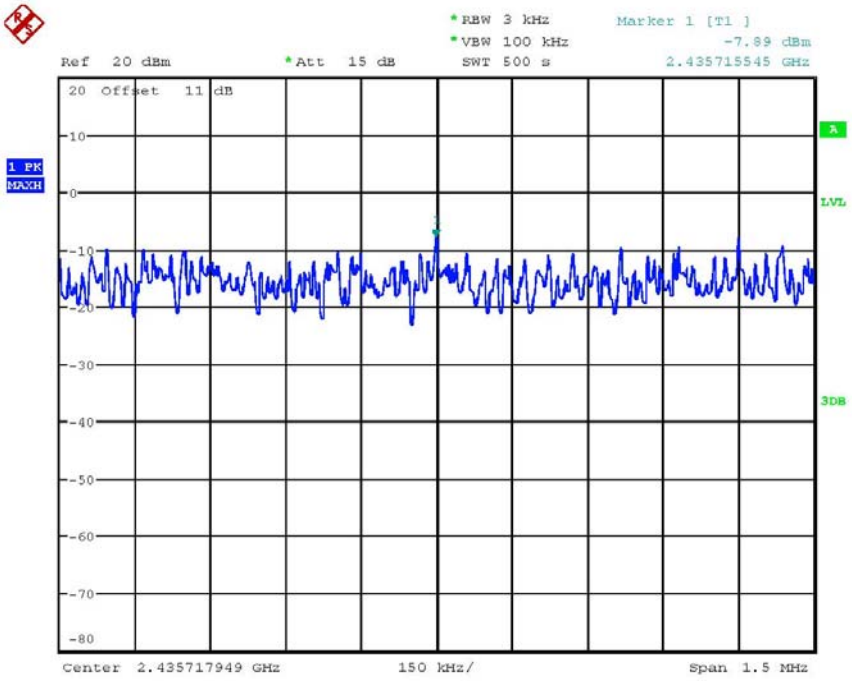
POWER DENSITY 802.11N 40M CH159
Date: 12.APR.2012 11:02:21

Mode D

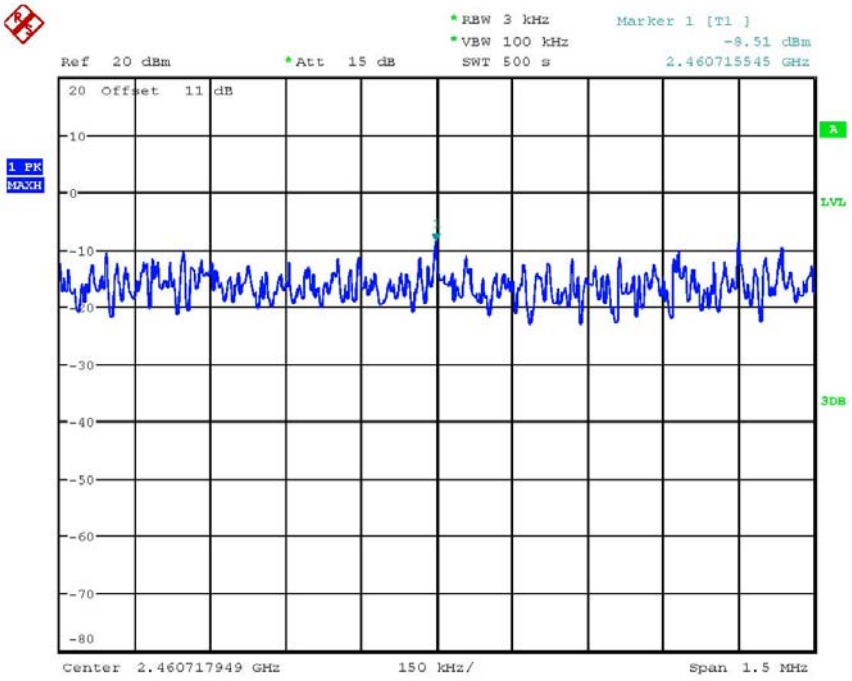


POWER DENSITY 802.11B CH01
Date: 22.MAR.2012 09:51:48

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



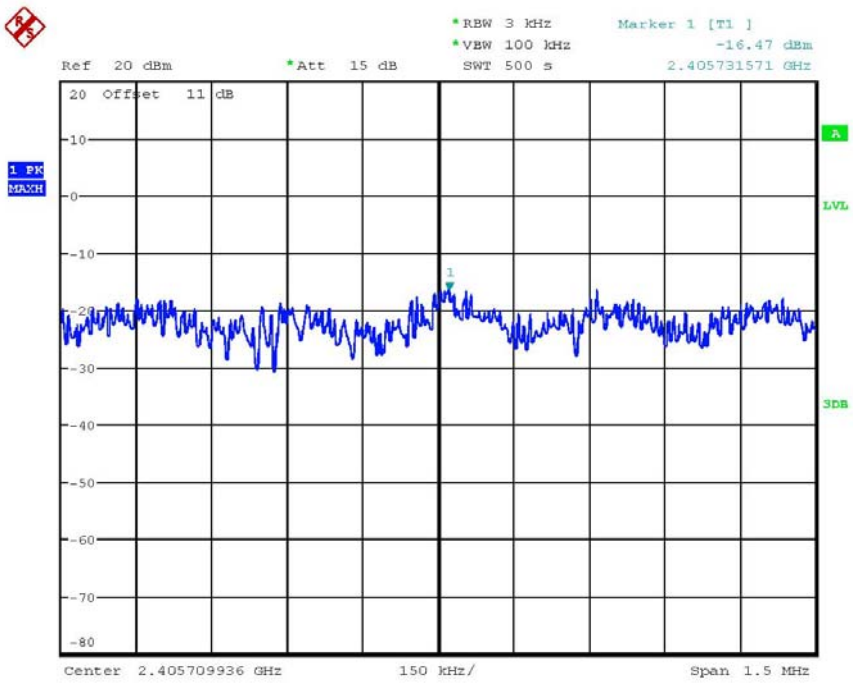
POWER DENSITY 802.11B CH06
Date: 22.MAR.2012 09:38:24



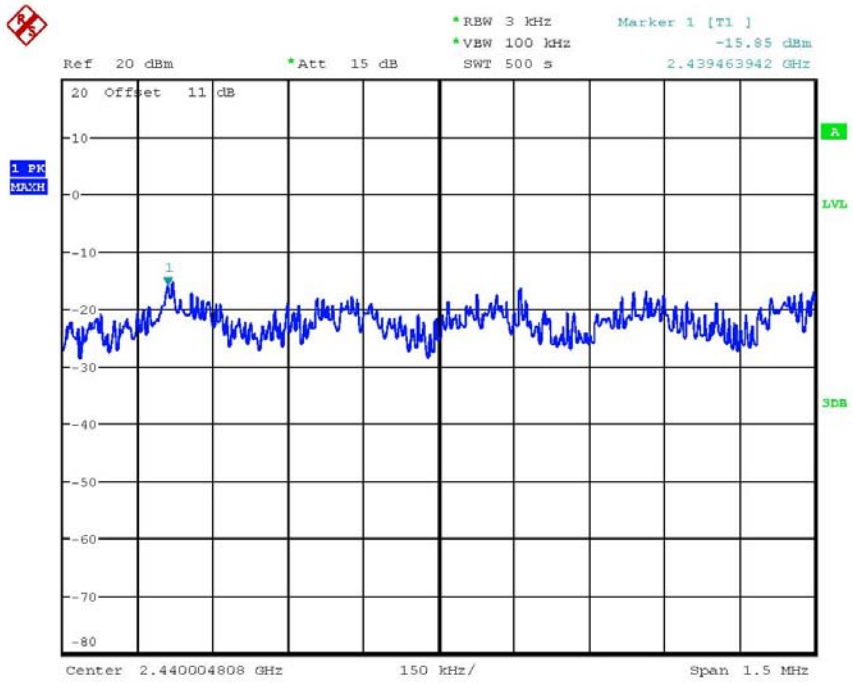
POWER DENSITY 802.11B CH11
Date: 22.MAR.2012 09:38:58

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode E

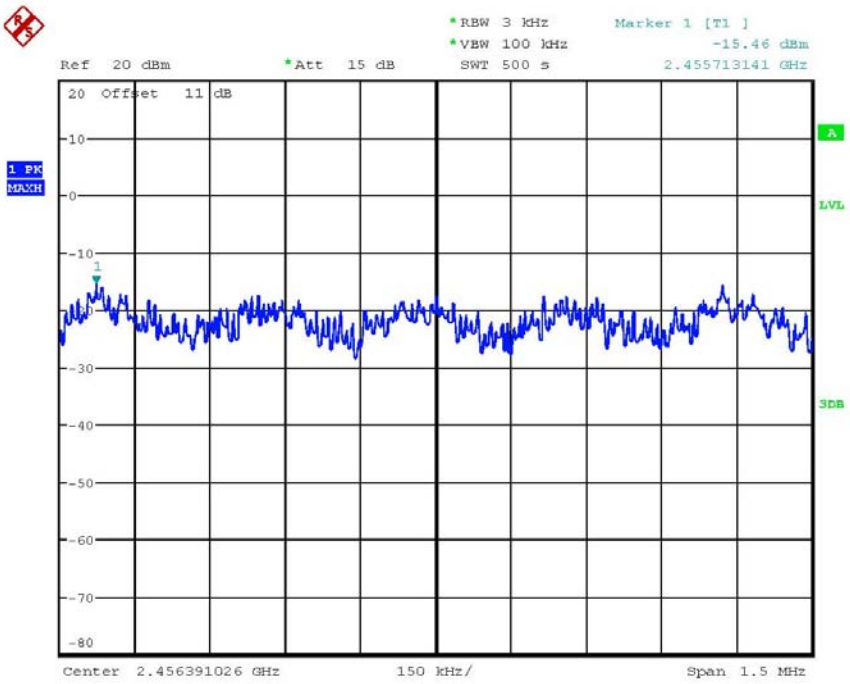


POWER DENSITY 802.11G CH01
Date: 22.MAR.2012 09:39:37



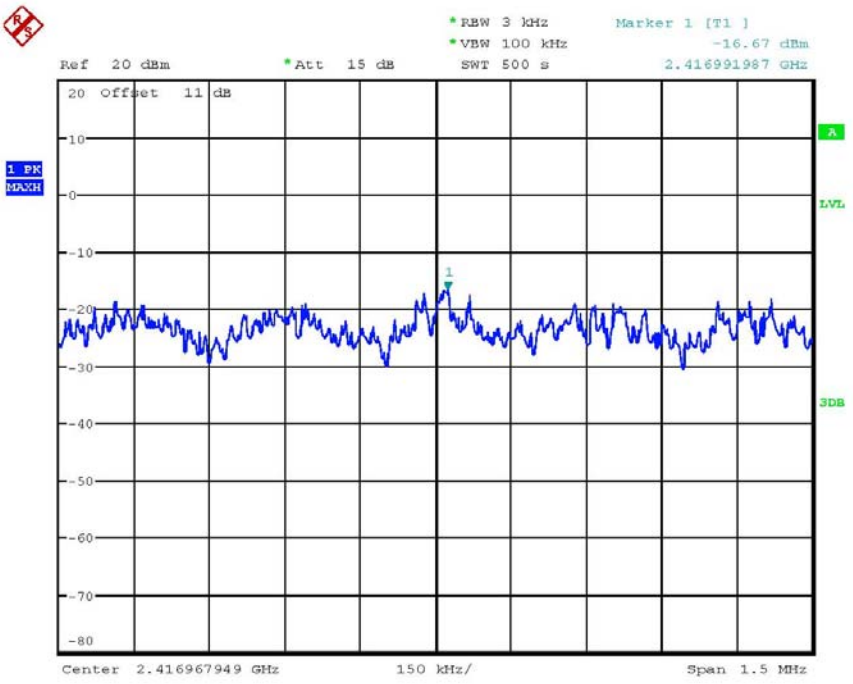
POWER DENSITY 802.11G CH06
Date: 22.MAR.2012 09:40:25

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



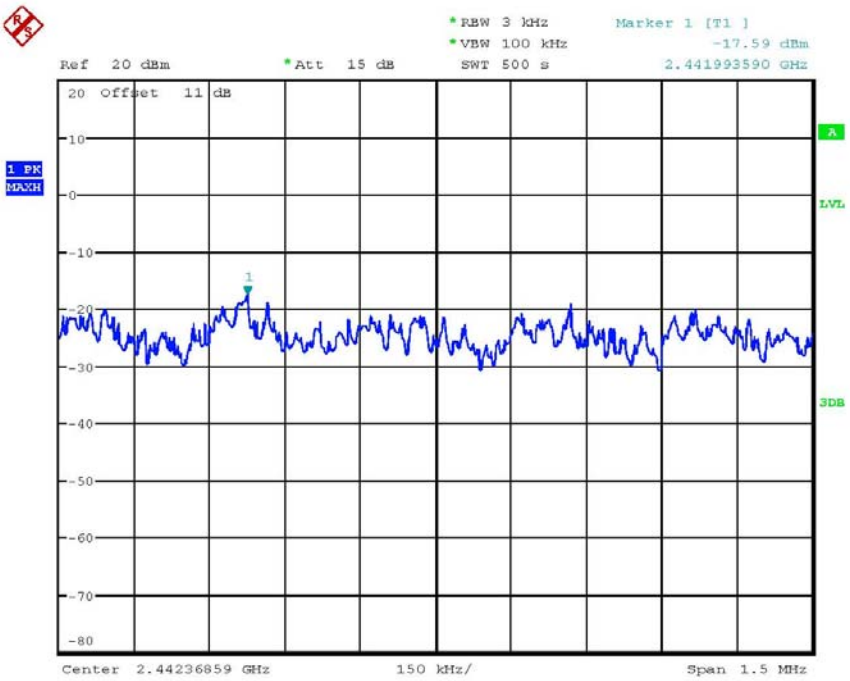
POWER DENSITY 802.11G CH011
Date: 22.MAR.2012 09:41:02

Mode F

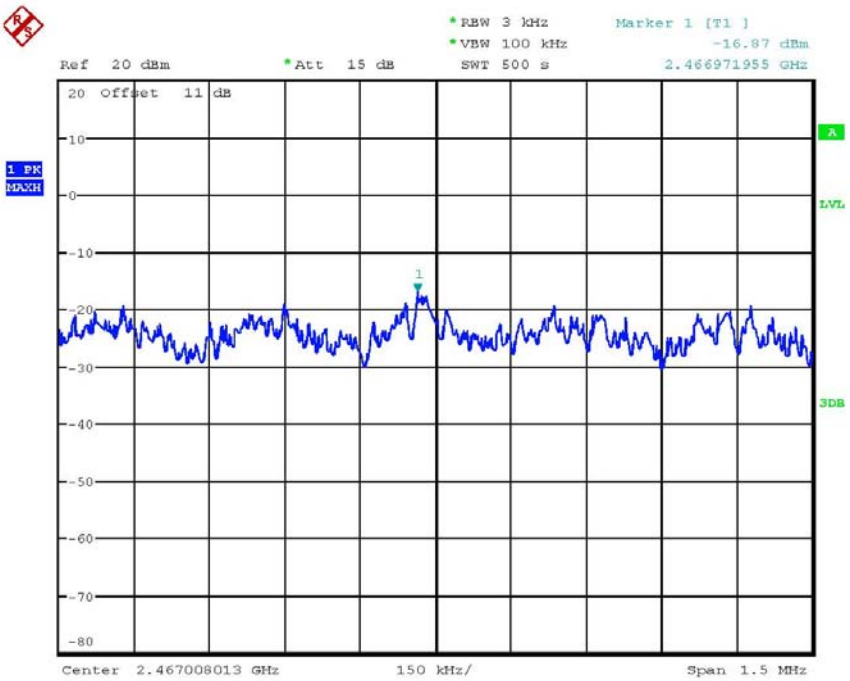


POWER DENSITY 802.11N 20MHZ CH01
Date: 22.MAR.2012 09:42:04

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



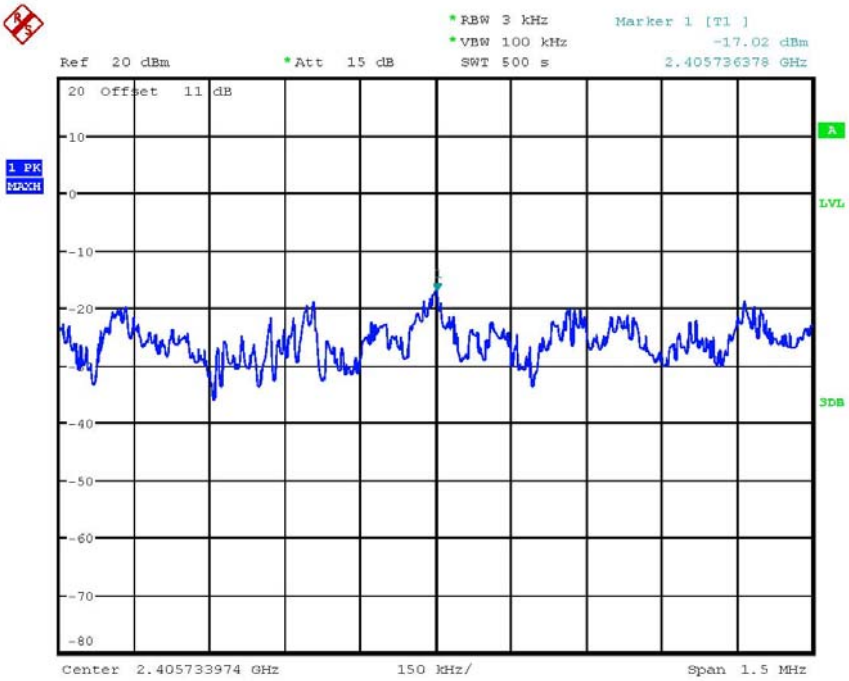
POWER DENSITY 802.11N 20MHZ CH06
Date: 22.MAR.2012 09:42:42



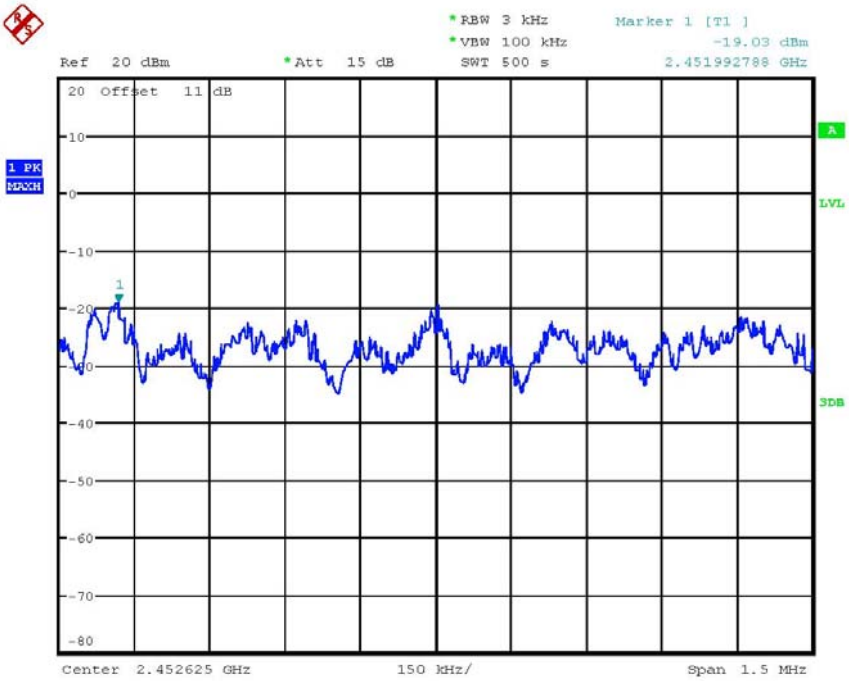
POWER DENSITY 802.11N 20MHZ CH011
Date: 22.MAR.2012 09:43:15

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Mode G

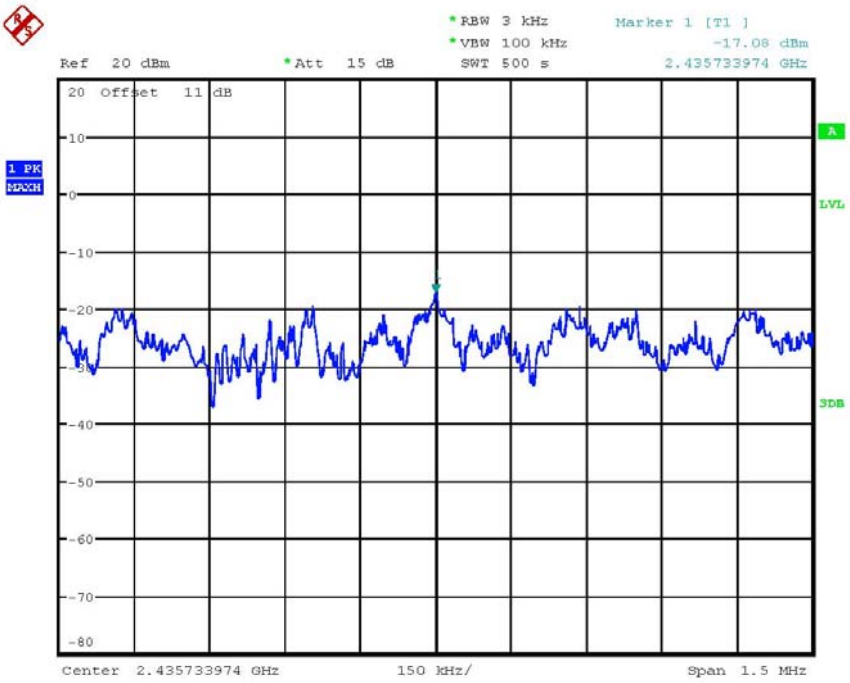


POWER DENSITY 802.11N 40MHZ CH01
Date: 22.MAR.2012 09:44:02



POWER DENSITY 802.11N 40MHZ CH04
Date: 22.MAR.2012 09:45:00

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



POWER DENSITY 802.11N 40MHZ CH07
Date: 22.MAR.2012 09:45:38

Limits:

Frequency Range MHz	dBm
902-928	8
2400-2483.5	8
5725-5850	8

Test equipment used: ETSTW-RE 055

3.13 Radiated Emission from Digital Part

FCC Rule: 15.109

Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

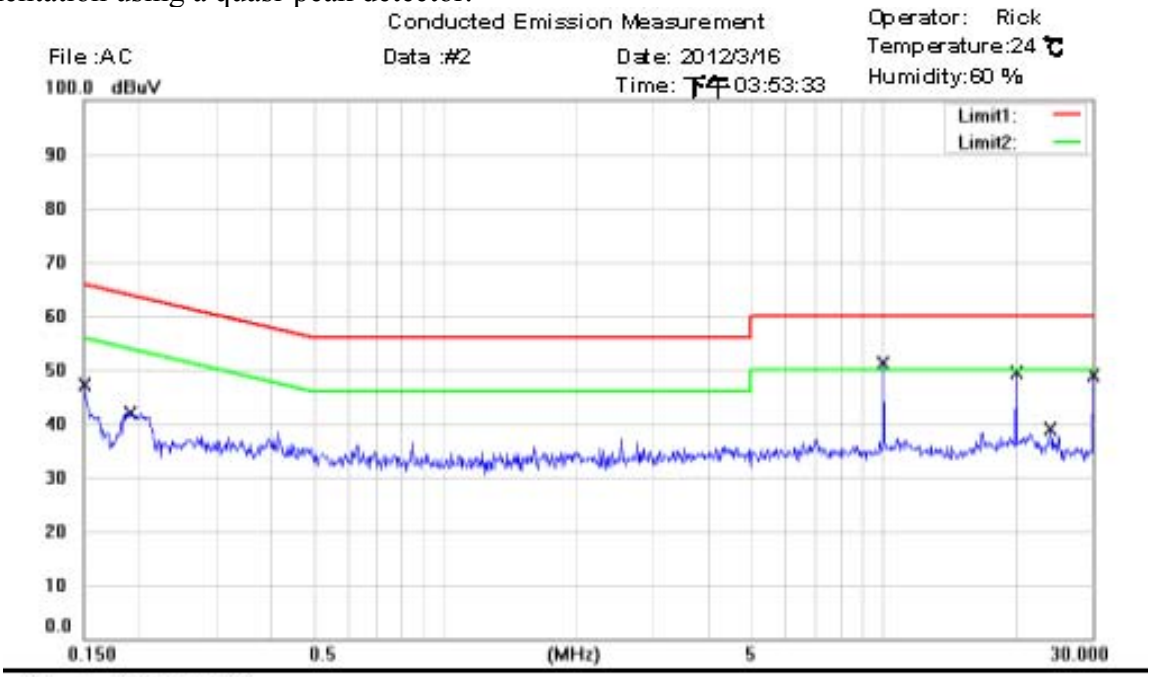
Frequency of Emission (MHz)	Field Strength (microvolts/meter)	Field Strength (dBmicrovolts/meter)
30 – 88	100	40.0
88 – 216	150	43.5
216 – 960	200	46.0
Above 960	500	54.0

Test equipment used: ETSTW-RE 003, ETSTW-RE 004, ETSTW-RE 030, ETSTW-RE 042, ETSTW-RE 043, ETSTW-RE 044

Explanation: Please refer to separated test report no.: W6M21203-12301-P-15B.

3.14 Power Line Conducted Emission

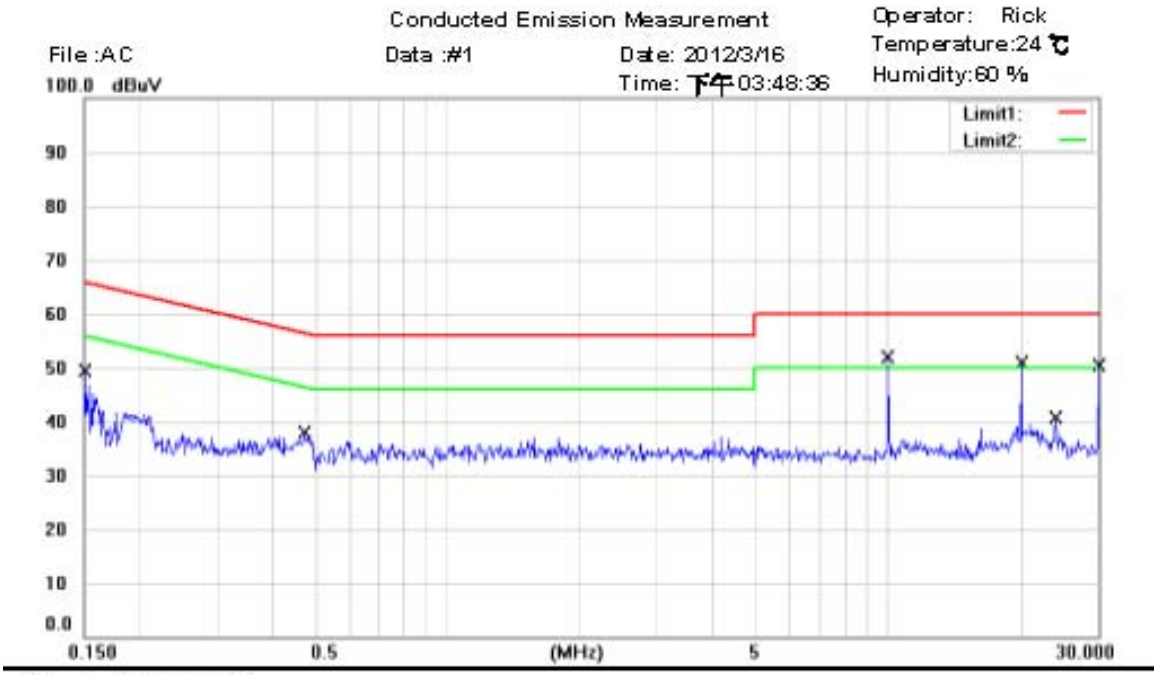
For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the table bellows with this provision shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminals.
This measurement was transact first with instrumentation using an average and peak detector and a 10 kHz bandwidth. If the peak detector achieves a calculated level, the measurement is repeated by an instrumentation using a quasi-peak detector.



Site : Chamber_03
Condition : FCC Part 15 Class B Conduction (QP) Phase: N
EUT : W6M21203-12301 Power : 110VAC
M/N: DT6
Test Mode :
Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1500	21.74	QP	9.98	31.72	66.00	-34.28	
	0.1500	2.65	AVG	9.98	12.63	56.00	-43.37	
	0.1913	21.66	QP	9.98	31.64	63.98	-32.34	
	0.1913	12.08	AVG	9.98	22.06	53.98	-31.92	
	10.0001	31.59	QP	10.23	41.82	60.00	-18.18	
*	10.0001	26.10	AVG	10.23	36.33	50.00	-13.67	
	20.0000	29.13	QP	10.52	39.65	60.00	-20.35	
	20.0000	23.81	AVG	10.52	34.33	50.00	-15.67	
	23.9983	15.84	QP	10.61	26.45	60.00	-33.55	
	23.9983	13.09	AVG	10.61	23.70	50.00	-26.30	
	30.0000	27.25	QP	10.75	38.00	60.00	-22.00	
	30.0000	21.16	AVG	10.75	31.91	50.00	-18.09	

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



Site : Chamber_03
Condition : FCC Part 15 Class B Conduction (QP)
Phase: L1
EUT : W6M21203-12301
Power : 110VAC
M/N : DT6
Test Mode :
Note :

Mk.	Frequency (MHz)	Reading (dBuV)	Detector	Corrected factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Comment
	0.1505	22.45	QP	10.08	32.53	65.97	-33.44	
	0.1505	1.13	AVG	10.08	11.21	55.97	-44.76	
	0.4732	10.36	QP	10.12	20.48	56.46	-35.98	
	0.4732	0.80	AVG	10.12	10.92	46.46	-35.54	
	10.0000	30.70	QP	10.52	41.22	60.00	-18.78	
	10.0000	22.64	AVG	10.52	33.16	50.00	-16.84	
	20.0000	29.03	QP	10.91	39.94	60.00	-20.06	
*	20.0000	24.64	AVG	10.91	35.55	50.00	-14.45	
	24.0026	16.37	QP	10.99	27.36	60.00	-32.64	
	24.0026	13.91	AVG	10.99	24.90	50.00	-25.10	
	30.0000	27.48	QP	11.12	38.60	60.00	-21.40	
	30.0000	22.16	AVG	11.12	33.28	50.00	-16.72	

Note: 1. The formula of measured value as: Test Result = Reading + Correction Factor
2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss
3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average
4. All not in the table noted test results are more than 20 dB below the relevant limits.
5. Measurement uncertainty = ±1.10 dB; Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.
6. Up Line: QP Limit Line, Down Line: Ave Limit Line.

Limits:

Frequency of Emission (MHz)	Conducted Limit (dBuV)	
	Quasi Peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50

Test equipment used: ETSTW-CE 001, ETSTW-CE 004, ETSTW-CE 006

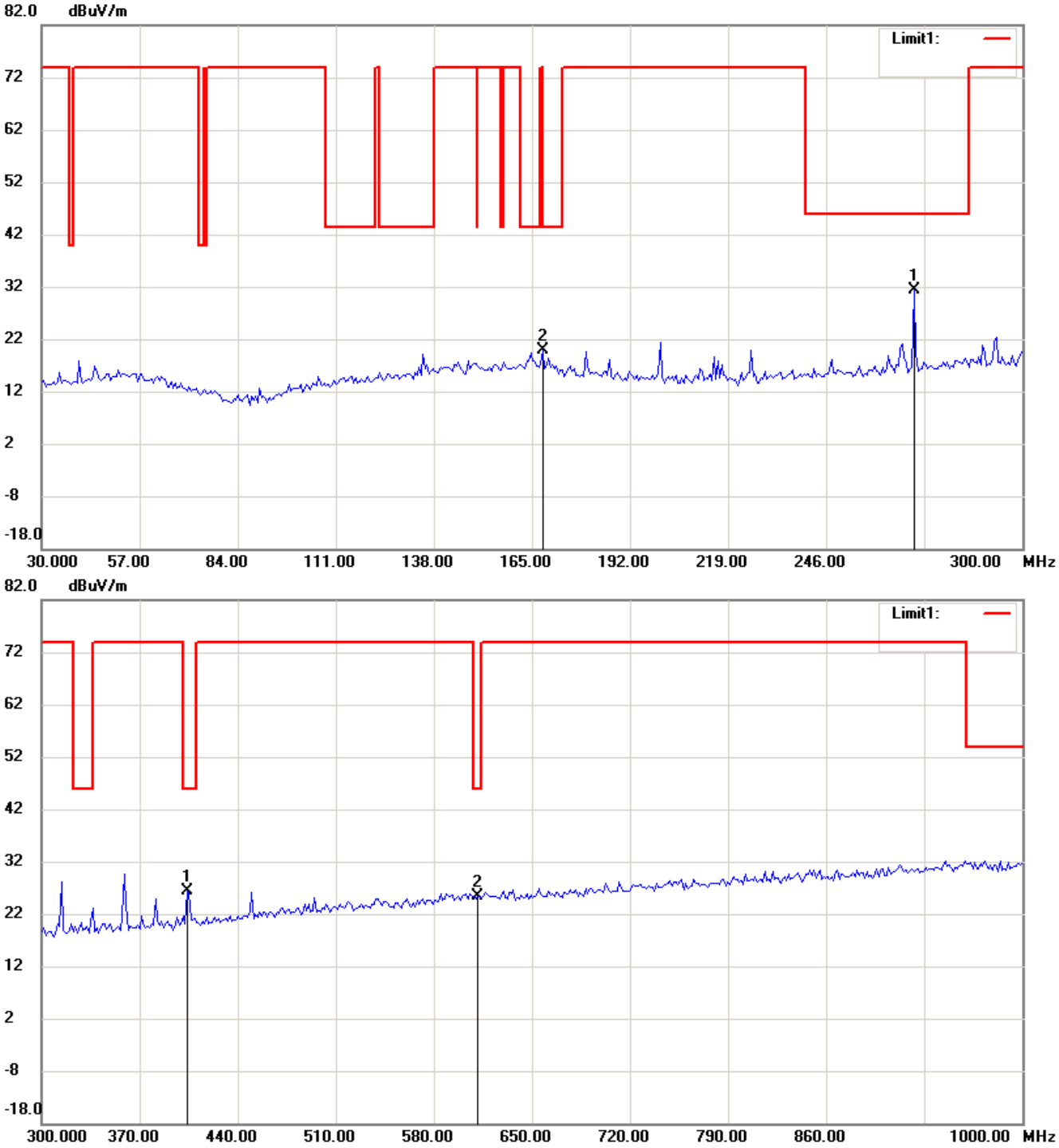
Appendix

Measurement diagrams

Spurious Emissions radiated

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

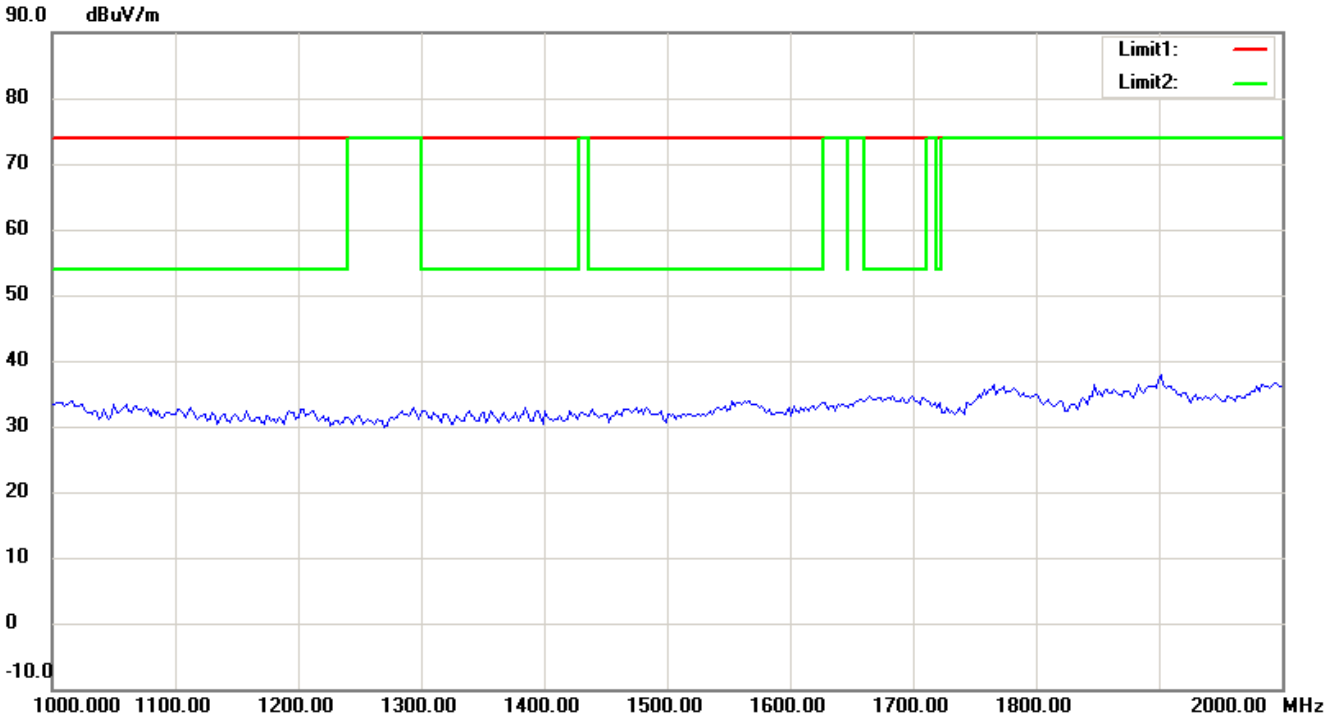
Spurious Emissions radiated-TX
WLAN 802.11a 5745MHz
Antenna Polarization H

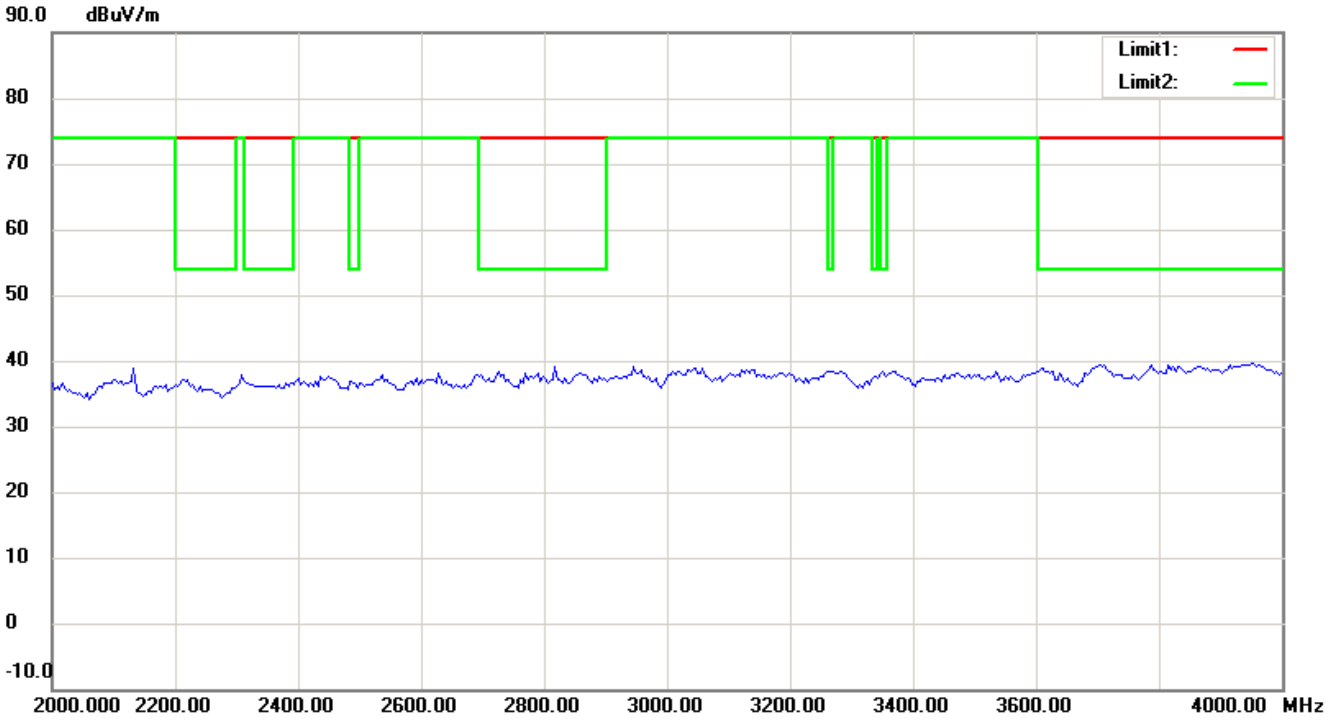


Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

1. **The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.**
2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
3. **For corrected test results are listed in the relevant table of radiated test data of this test report.**

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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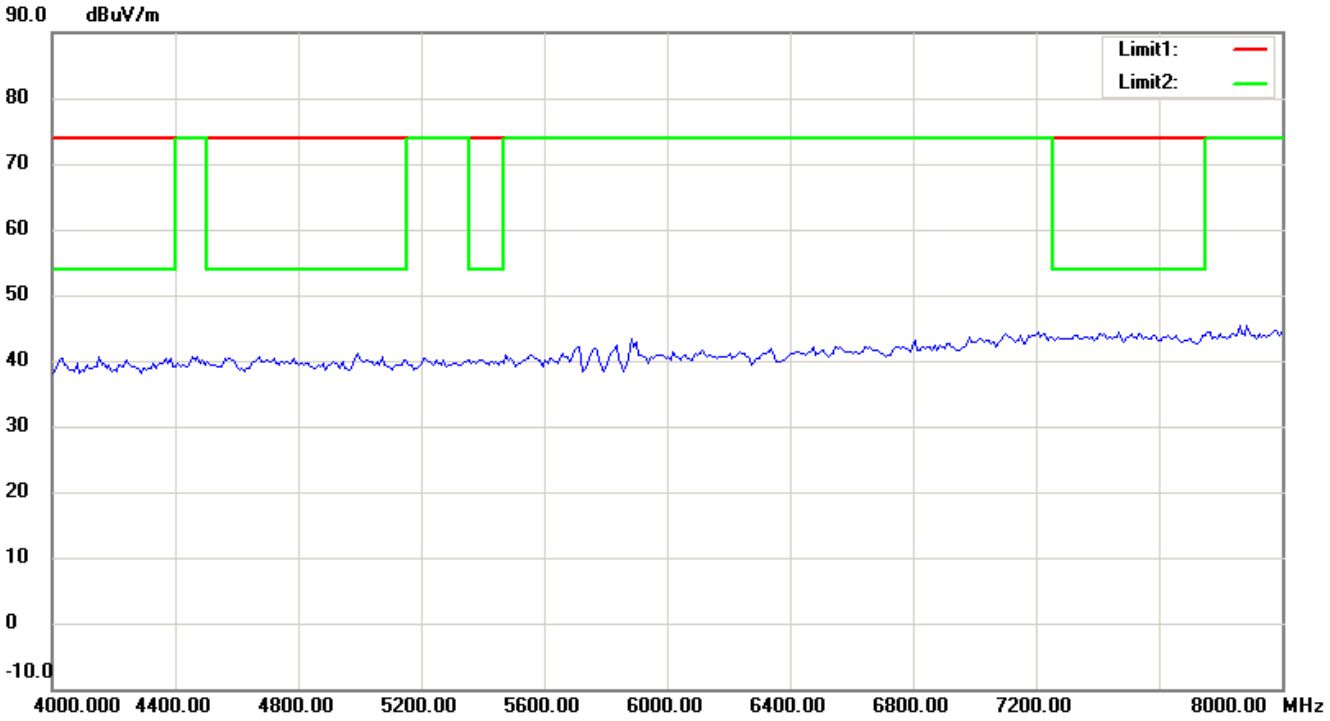
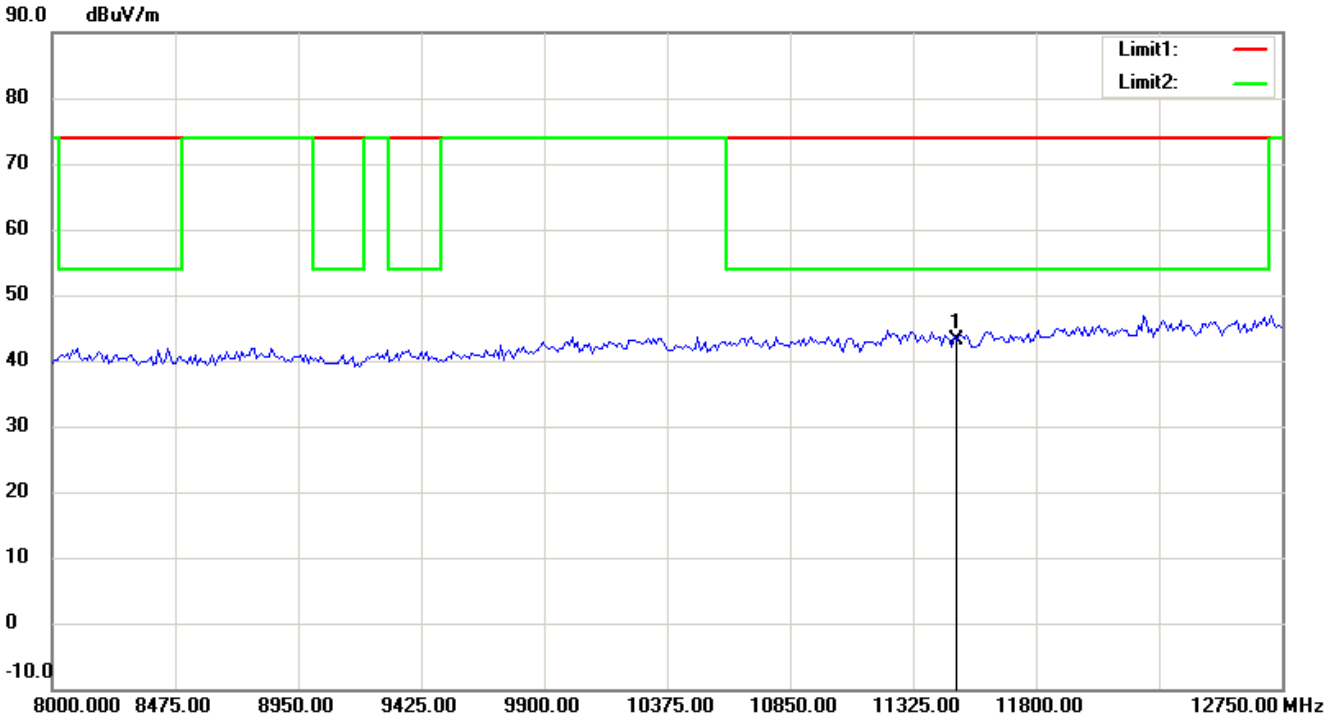
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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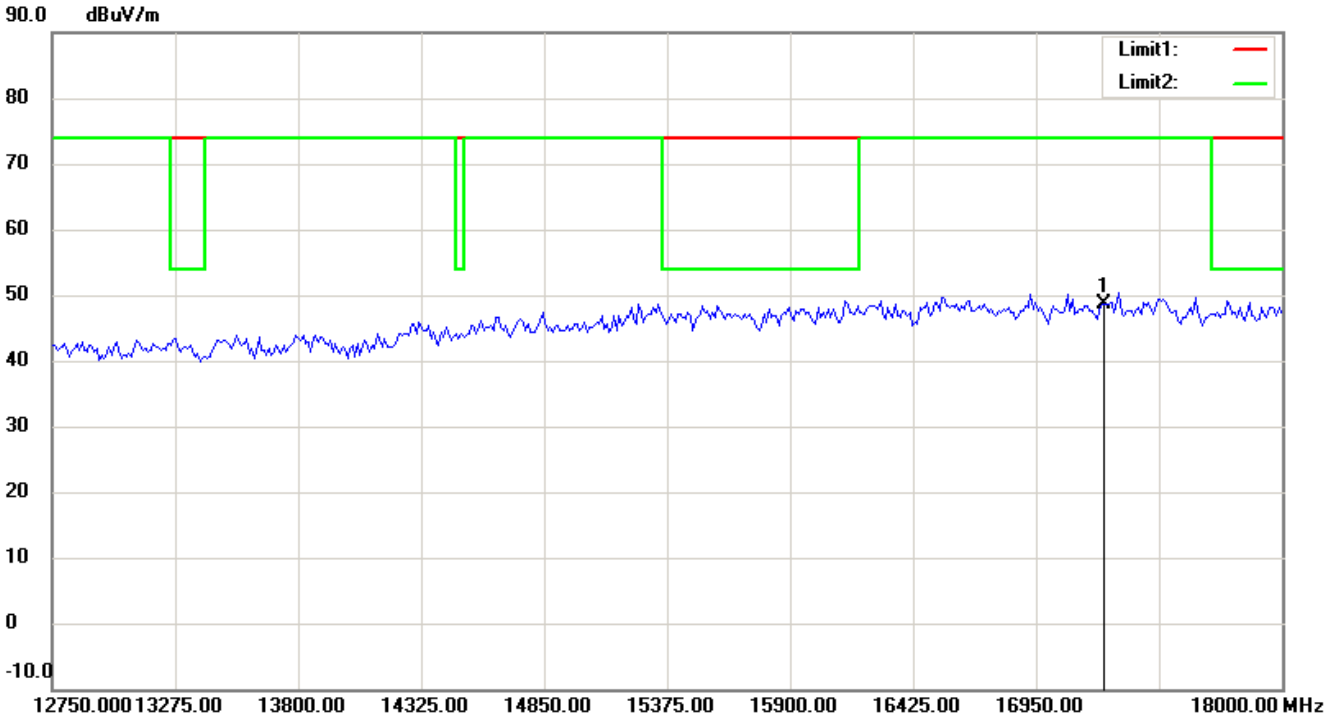
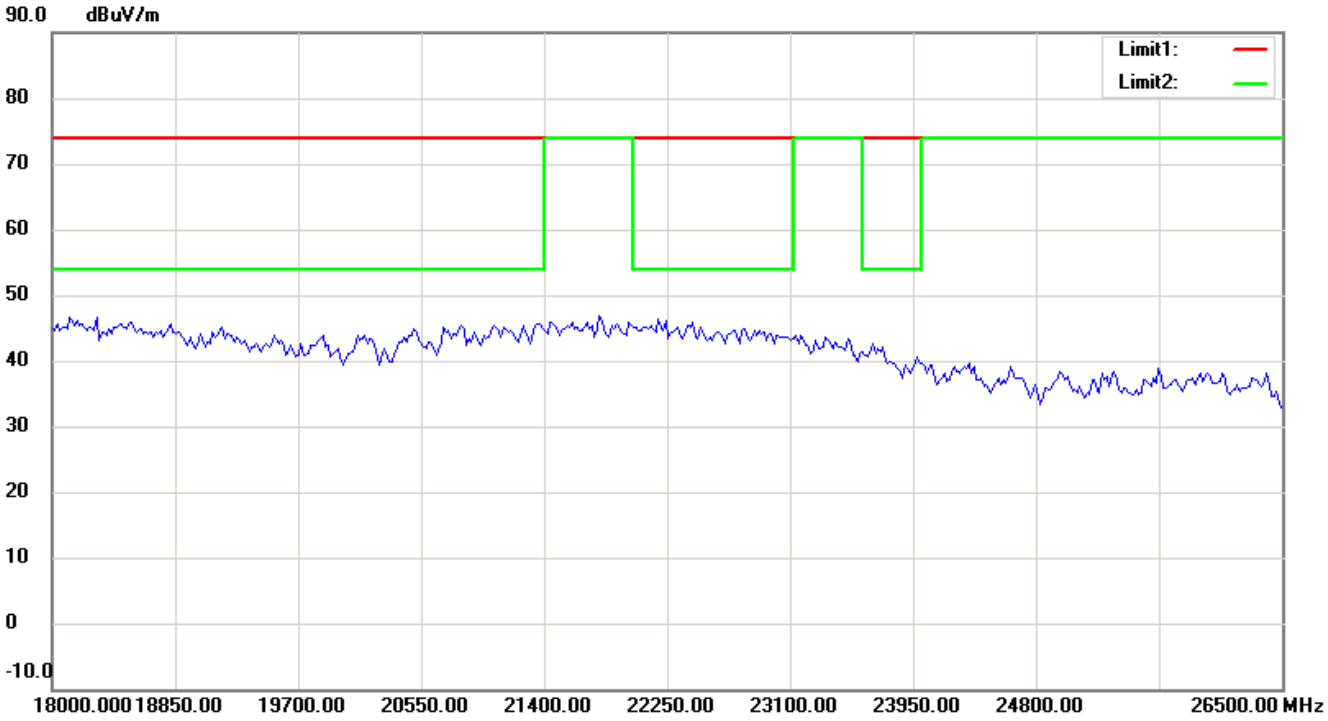
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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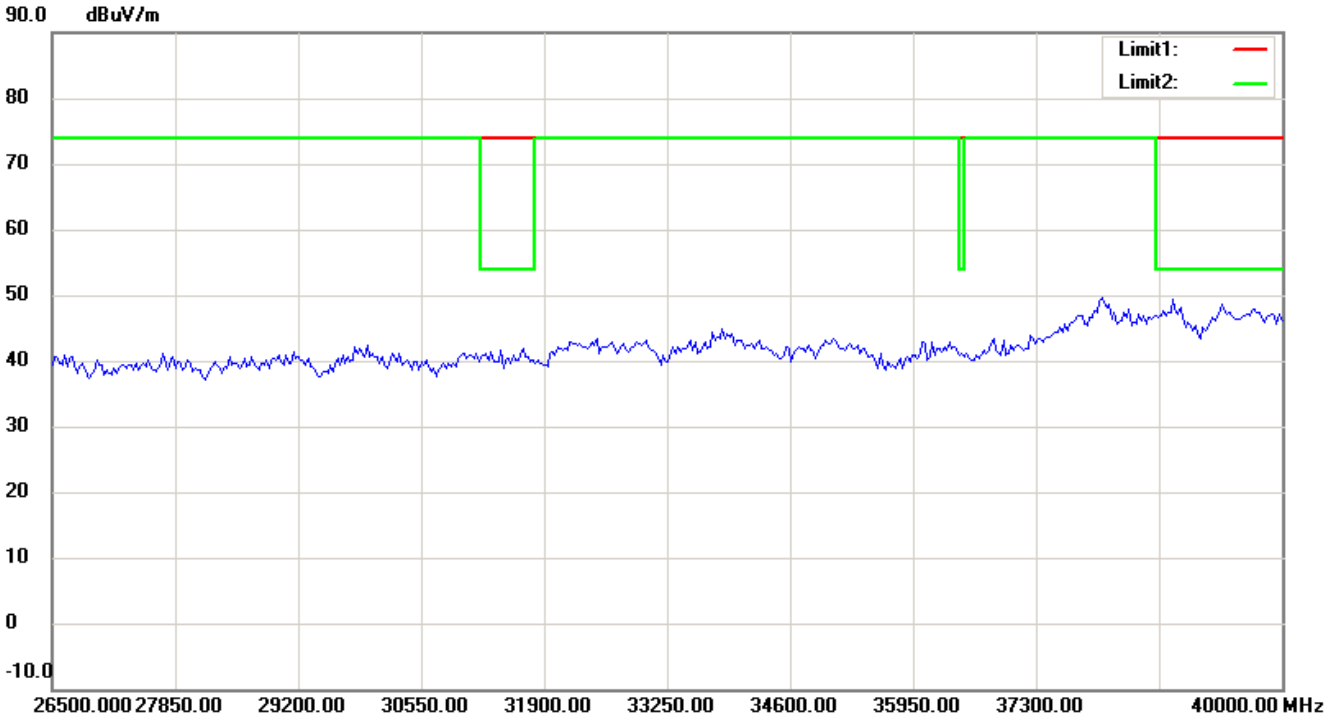
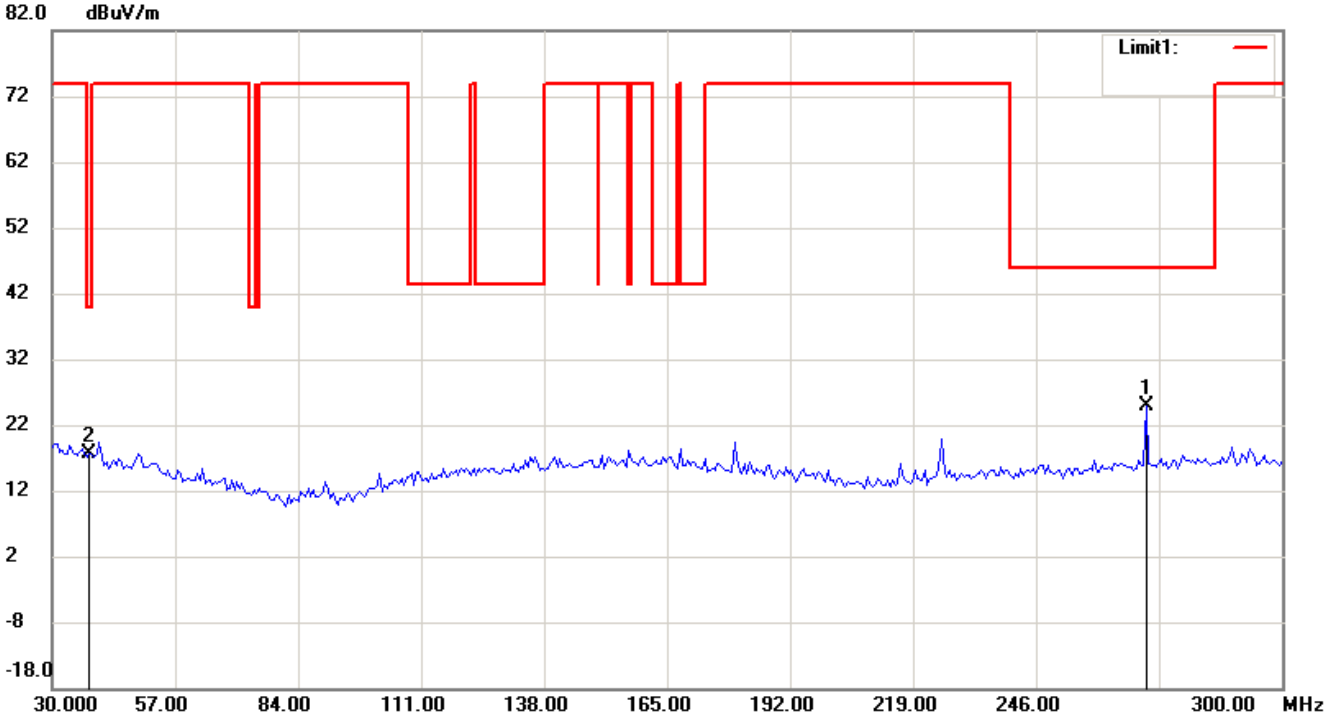
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



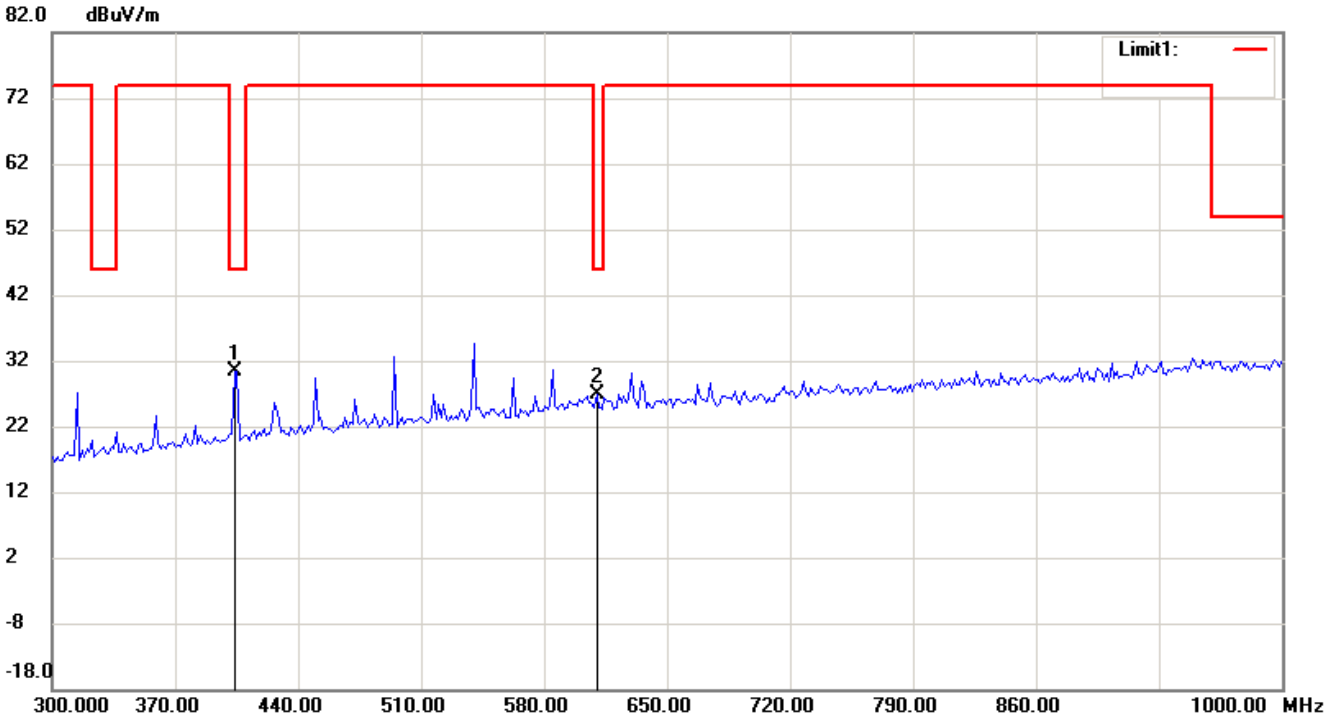
Antenna Polarization V

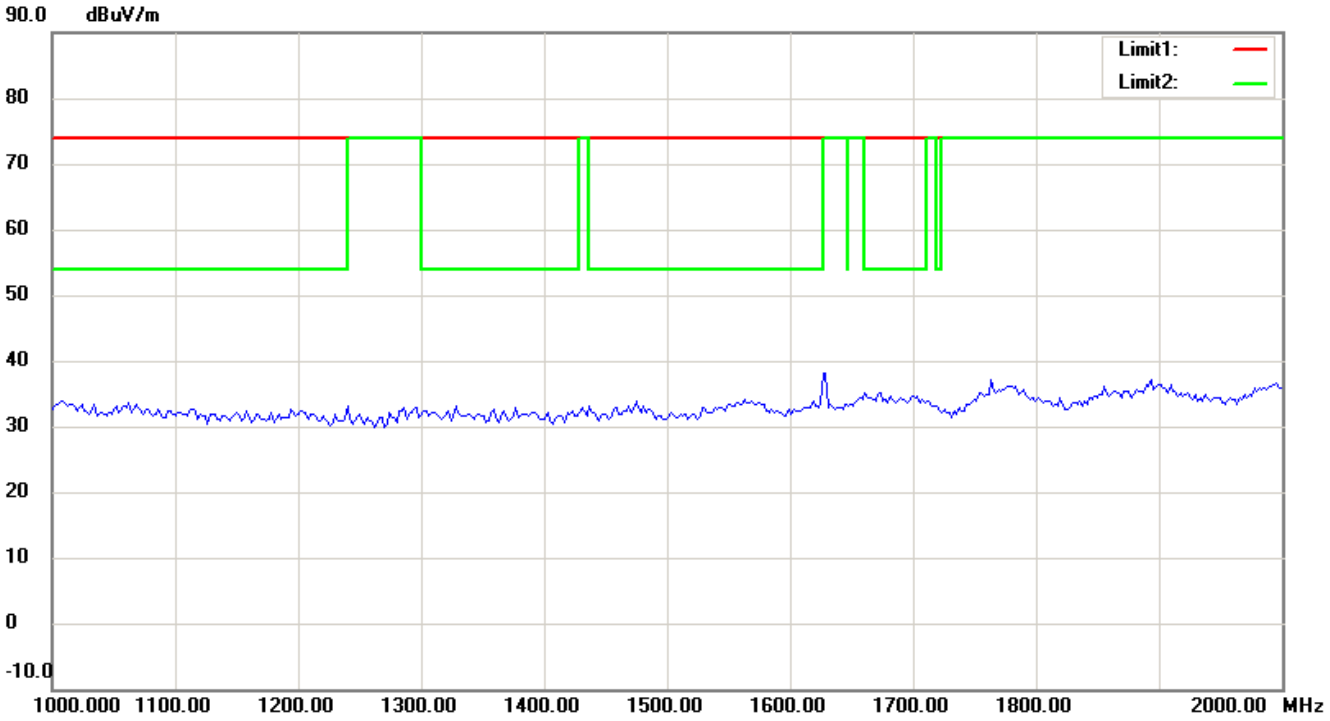


Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

1. **The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.**
2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
3. **For corrected test results are listed in the relevant table of radiated test data of this test report.**

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
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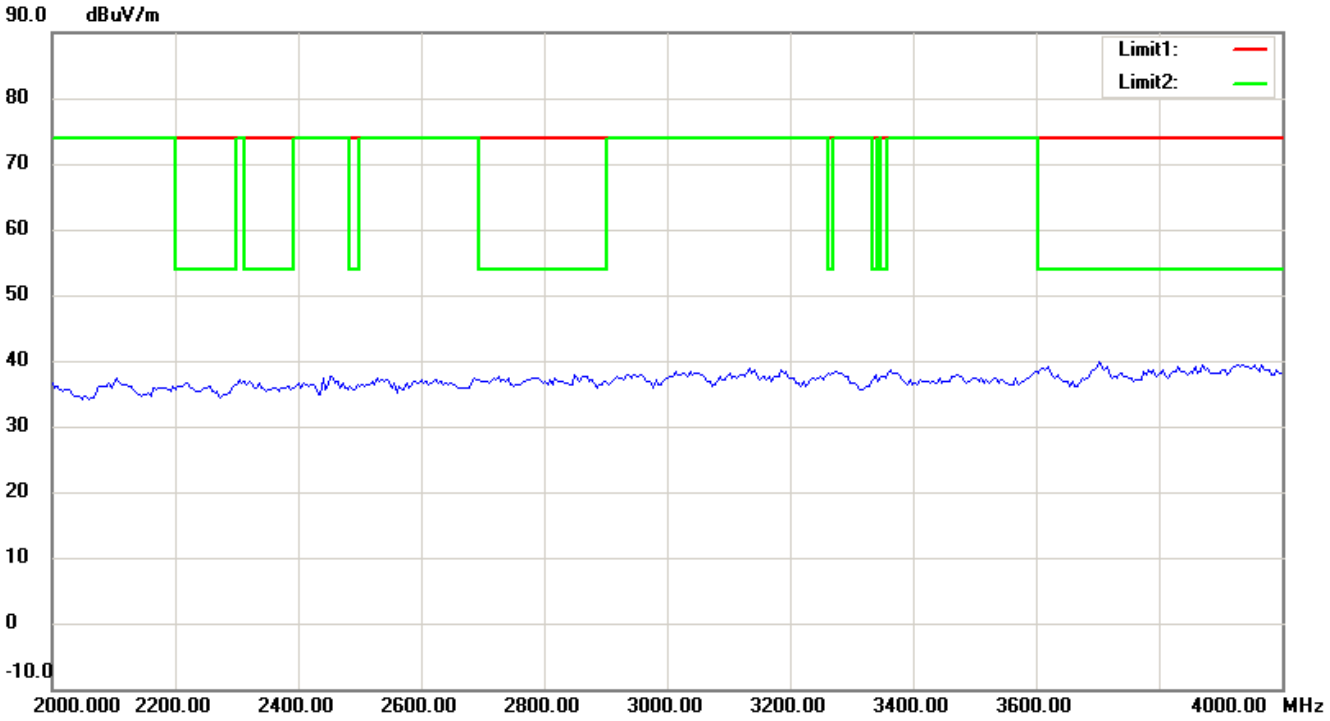
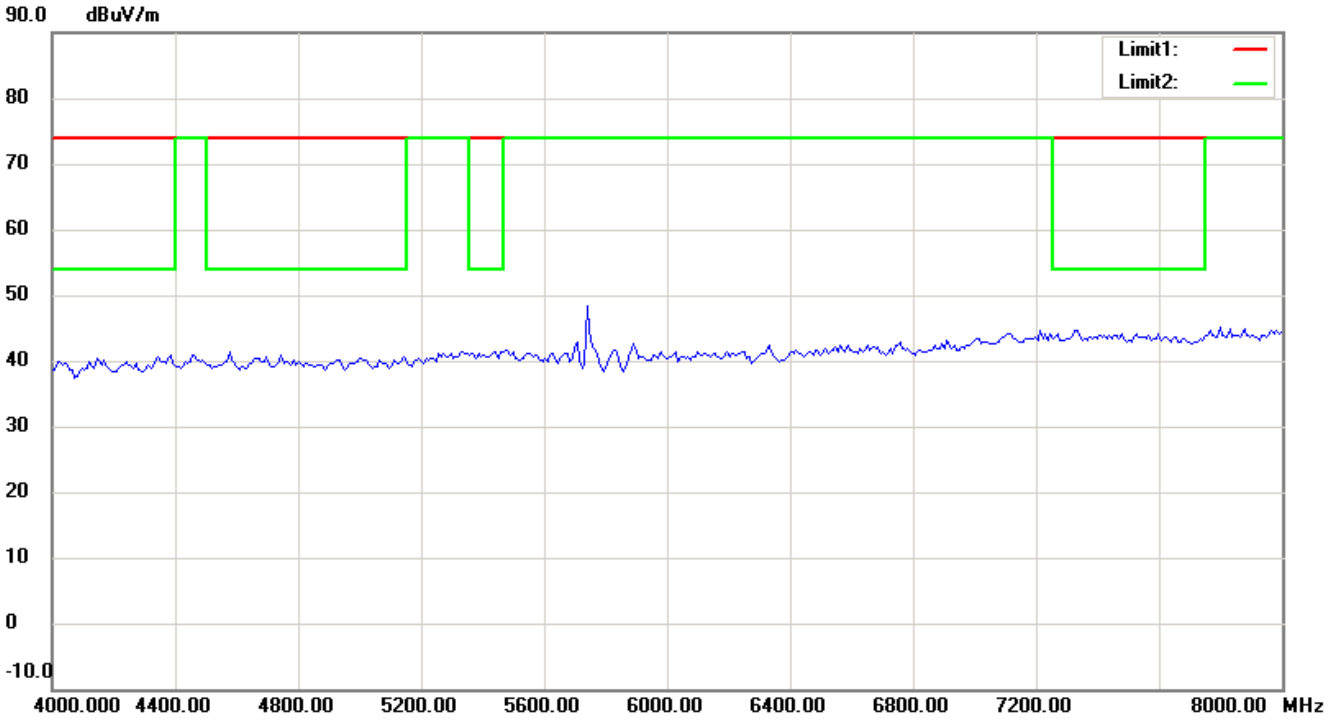
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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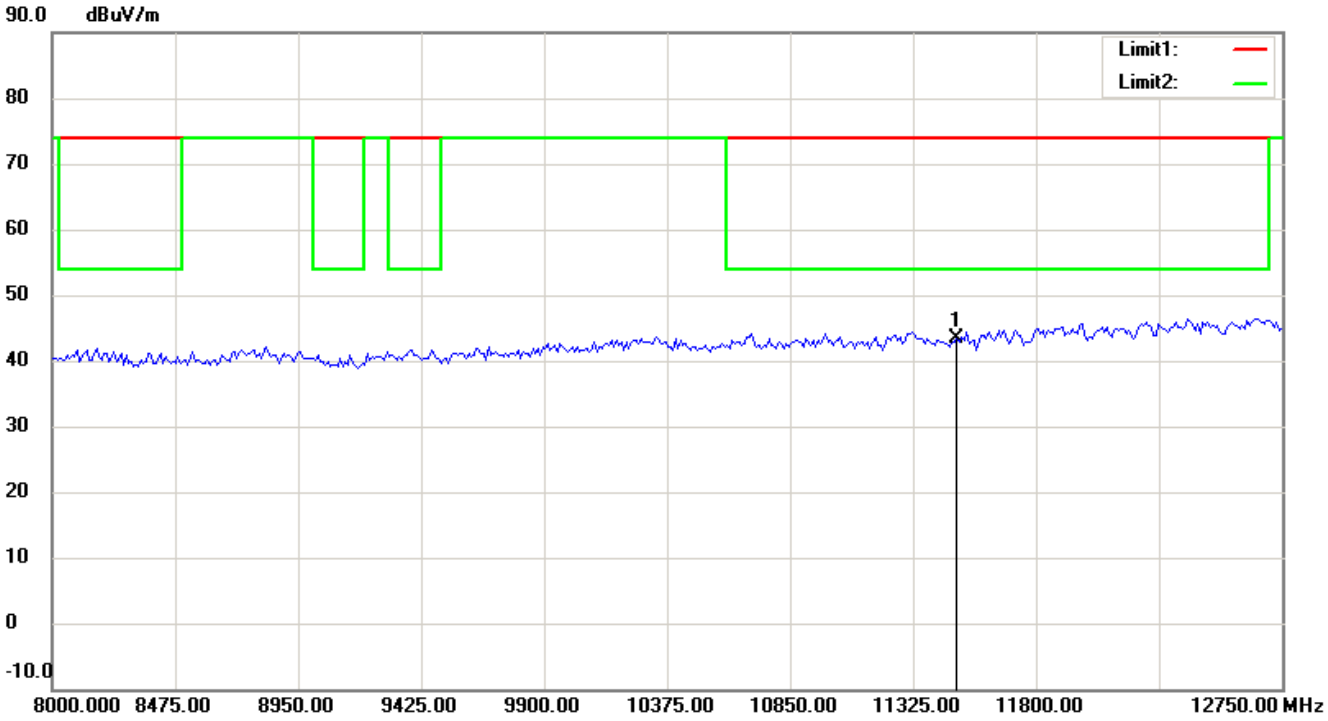
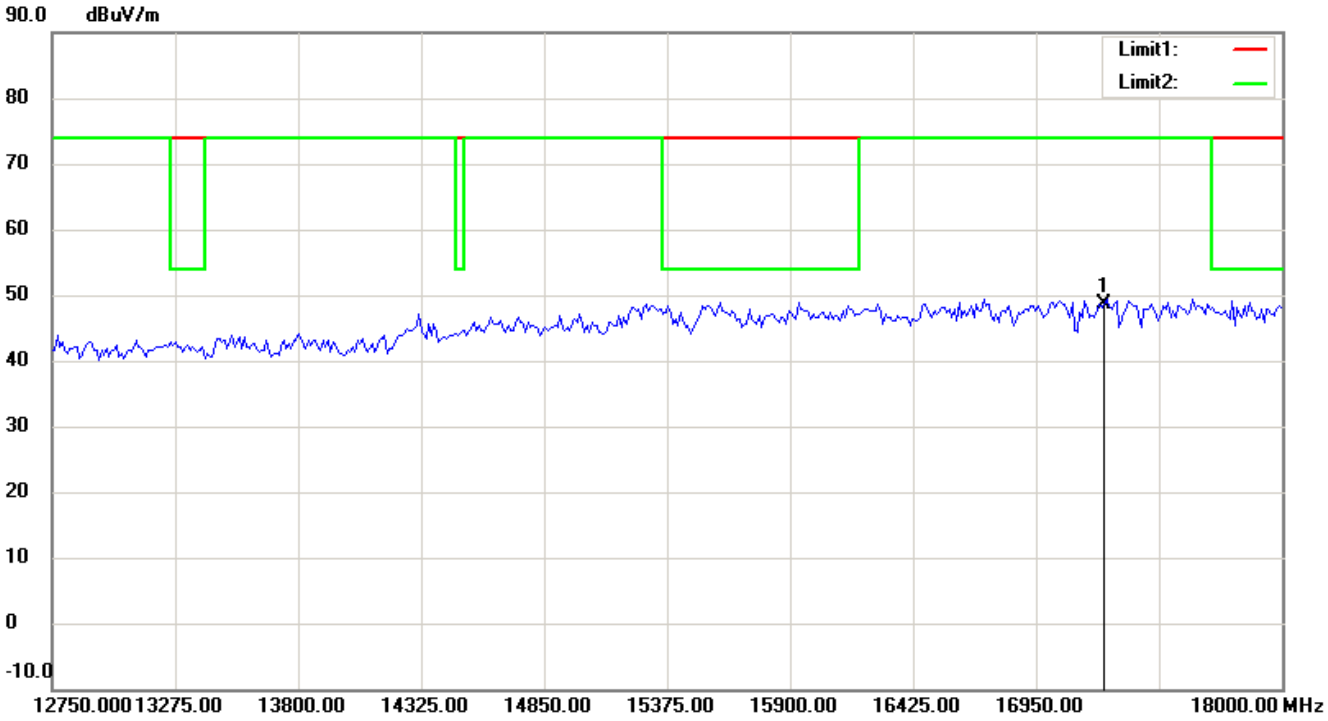
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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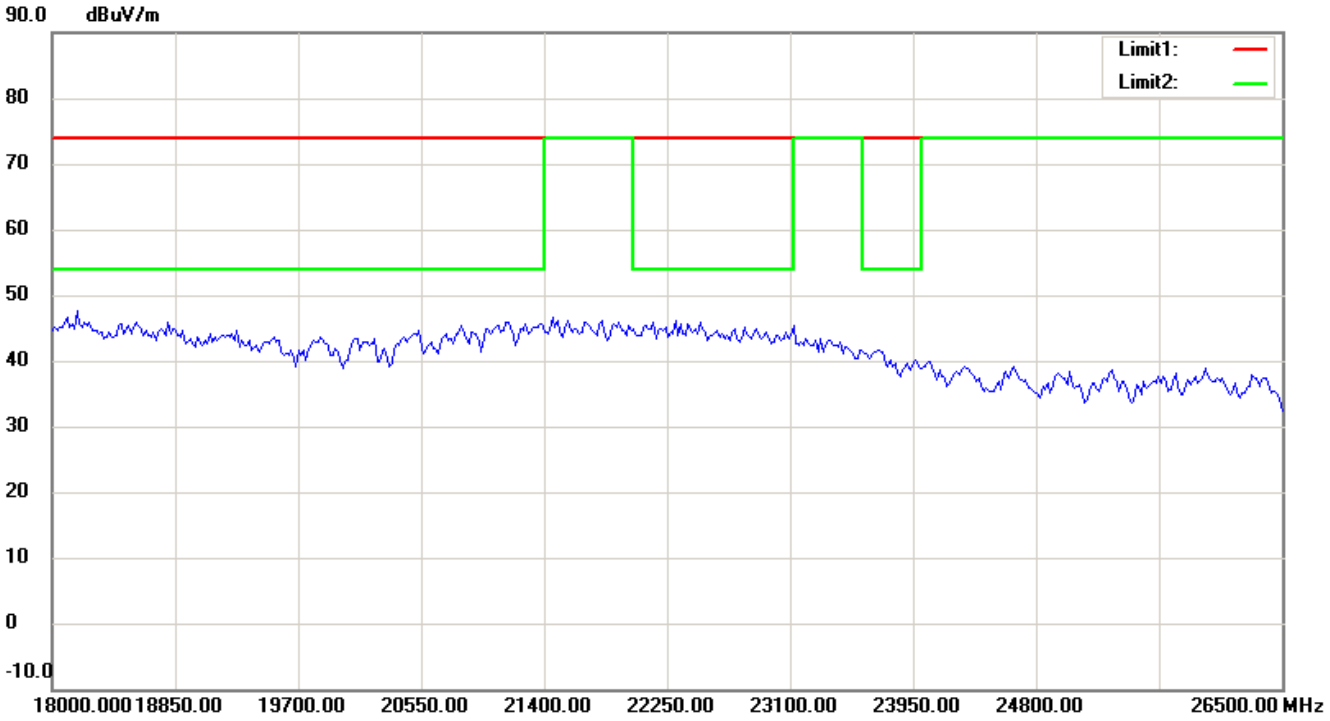
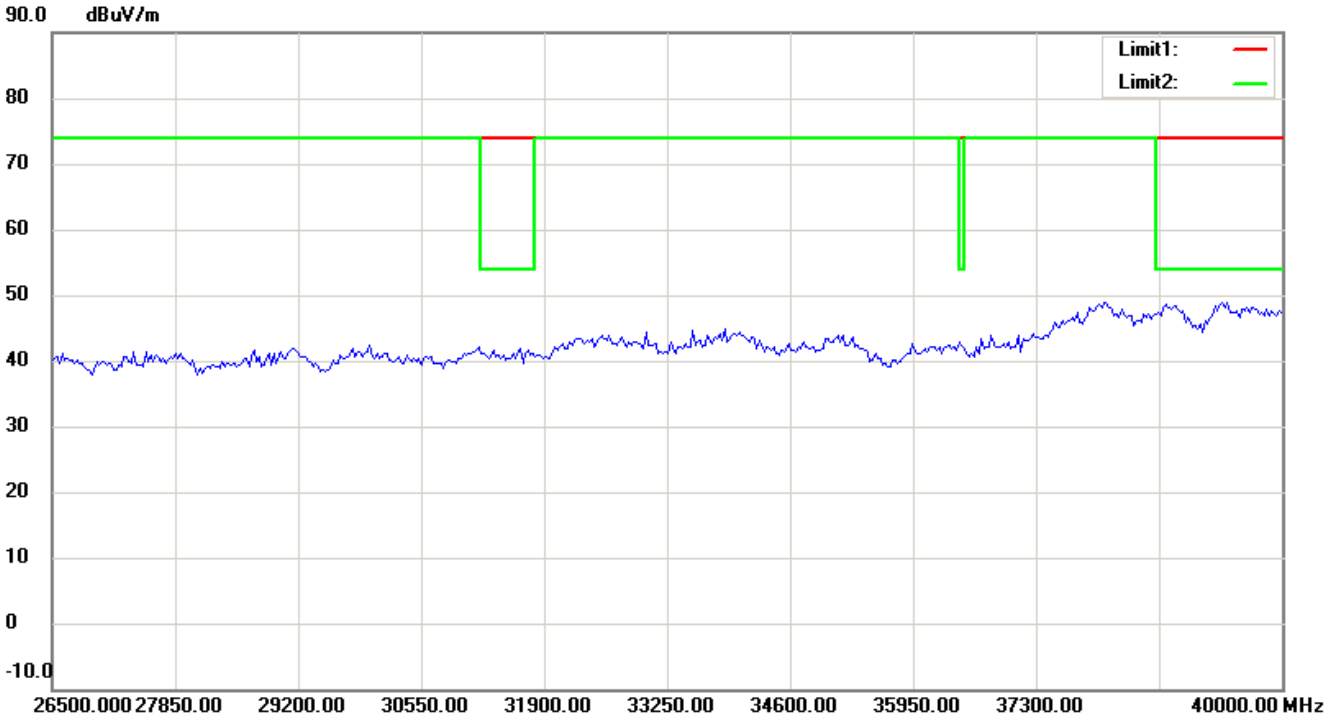
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

1. **The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.**
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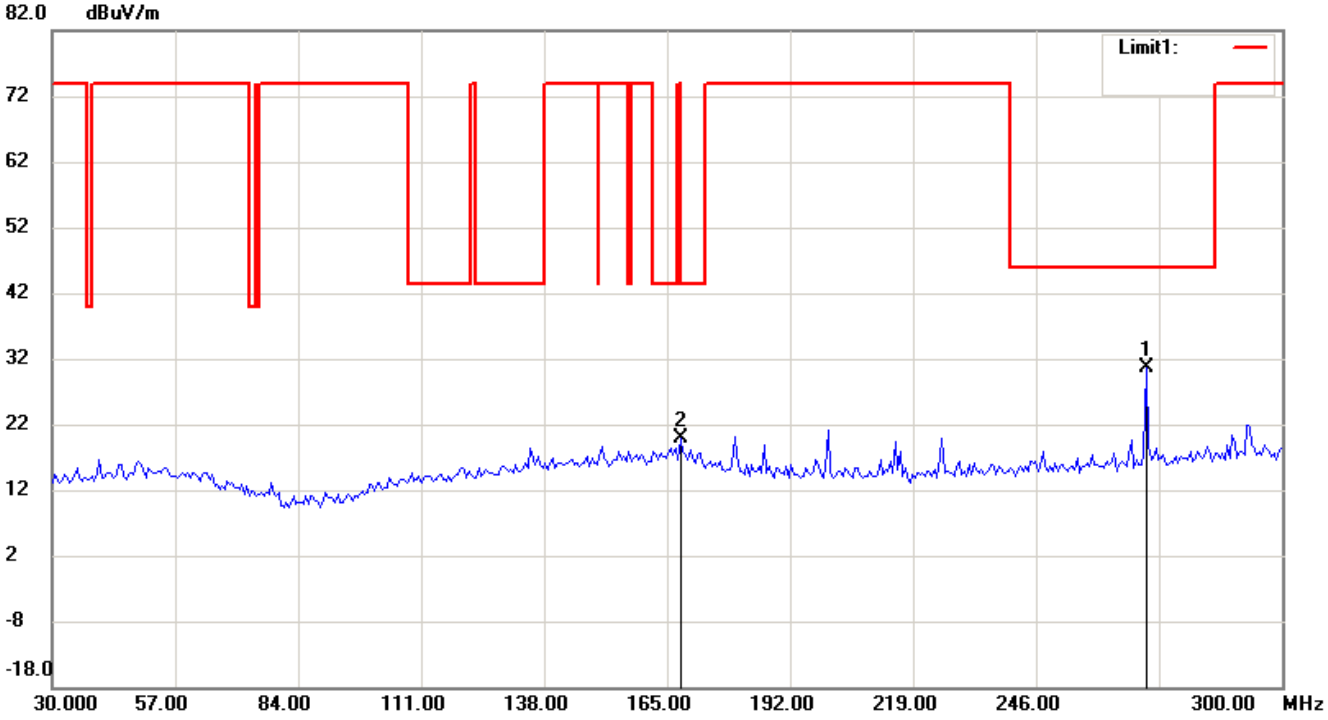
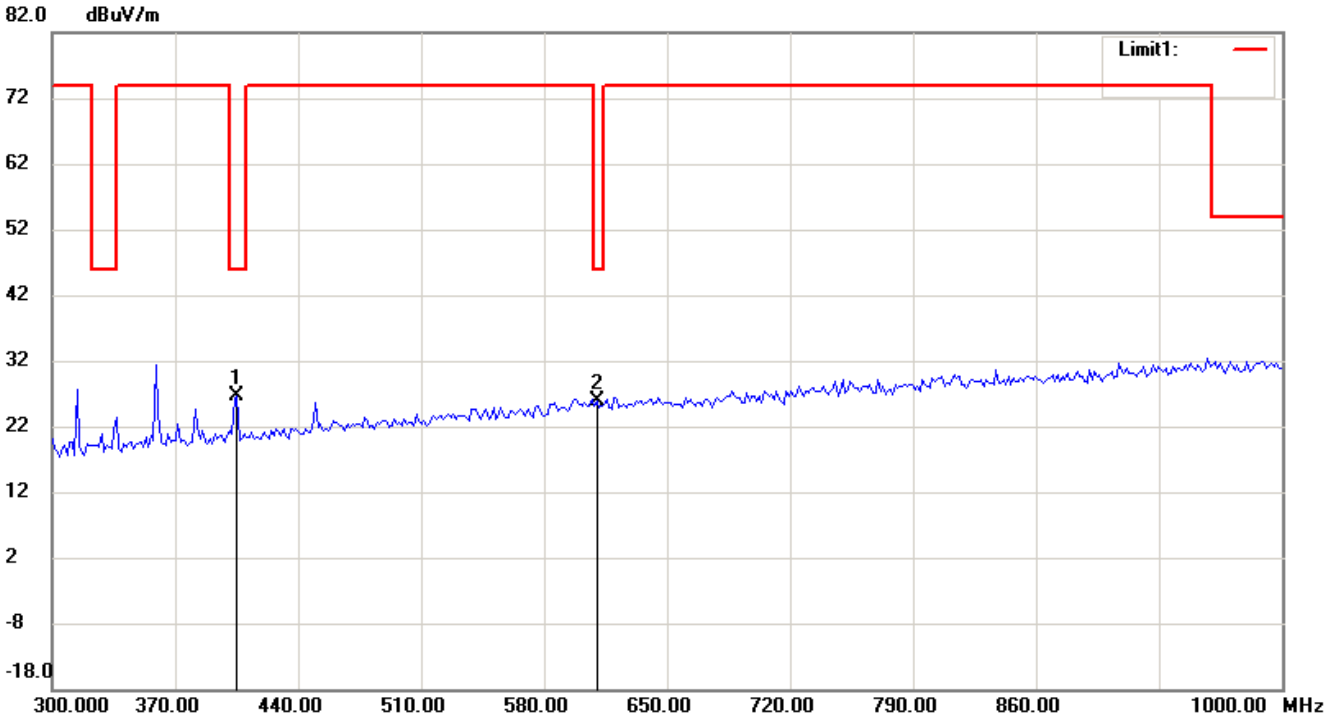
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11a 5785MHz
Antenna Polarization H





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

1. **The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.**
2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
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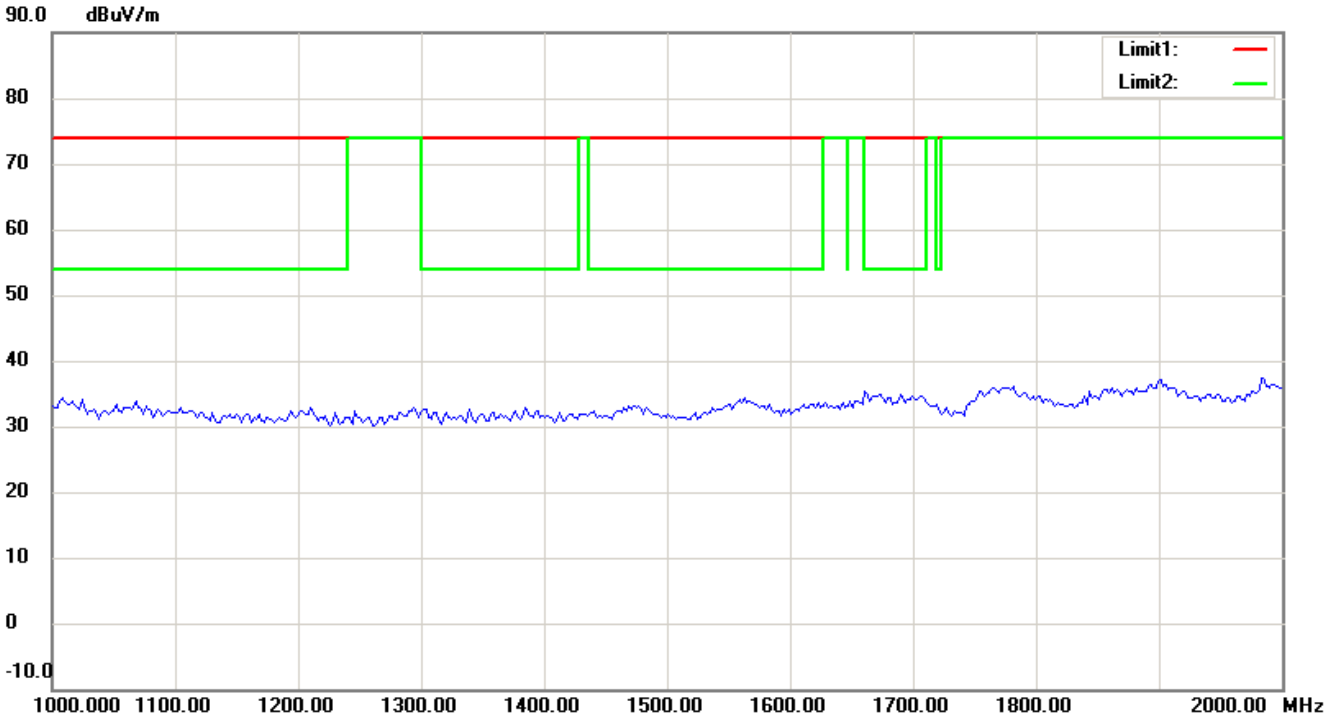
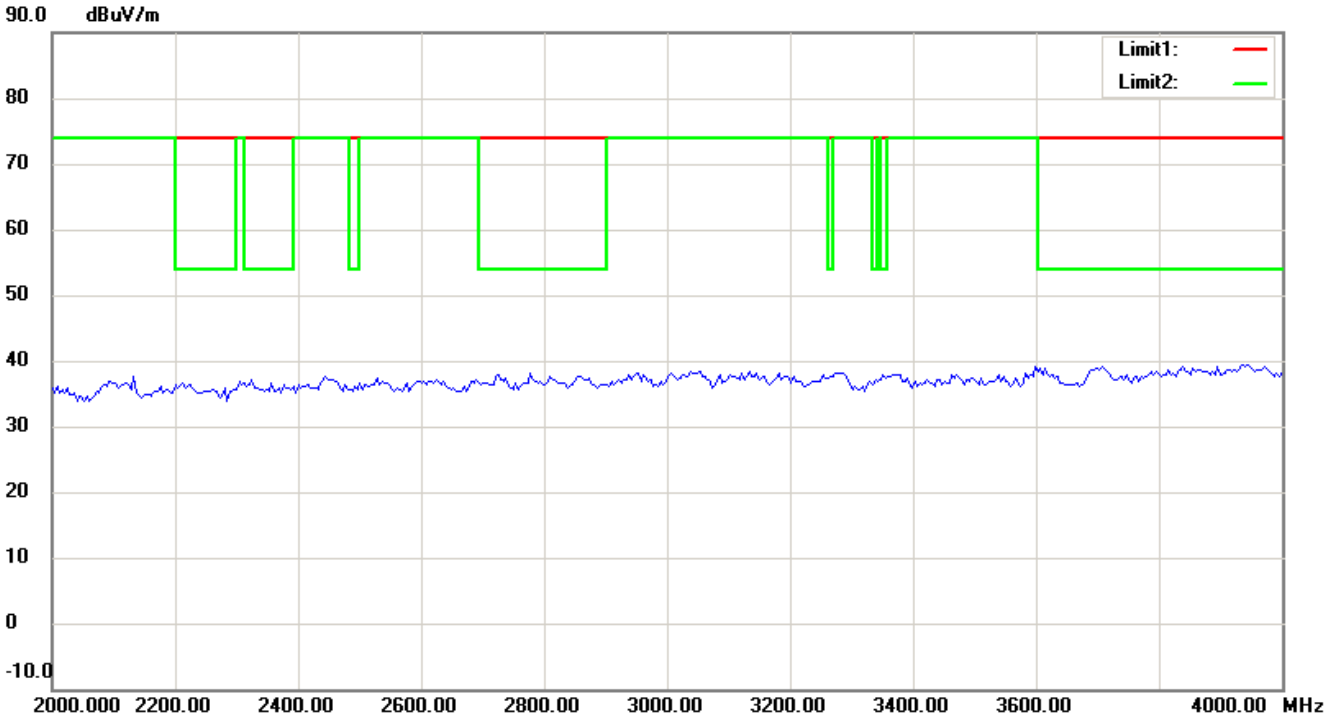
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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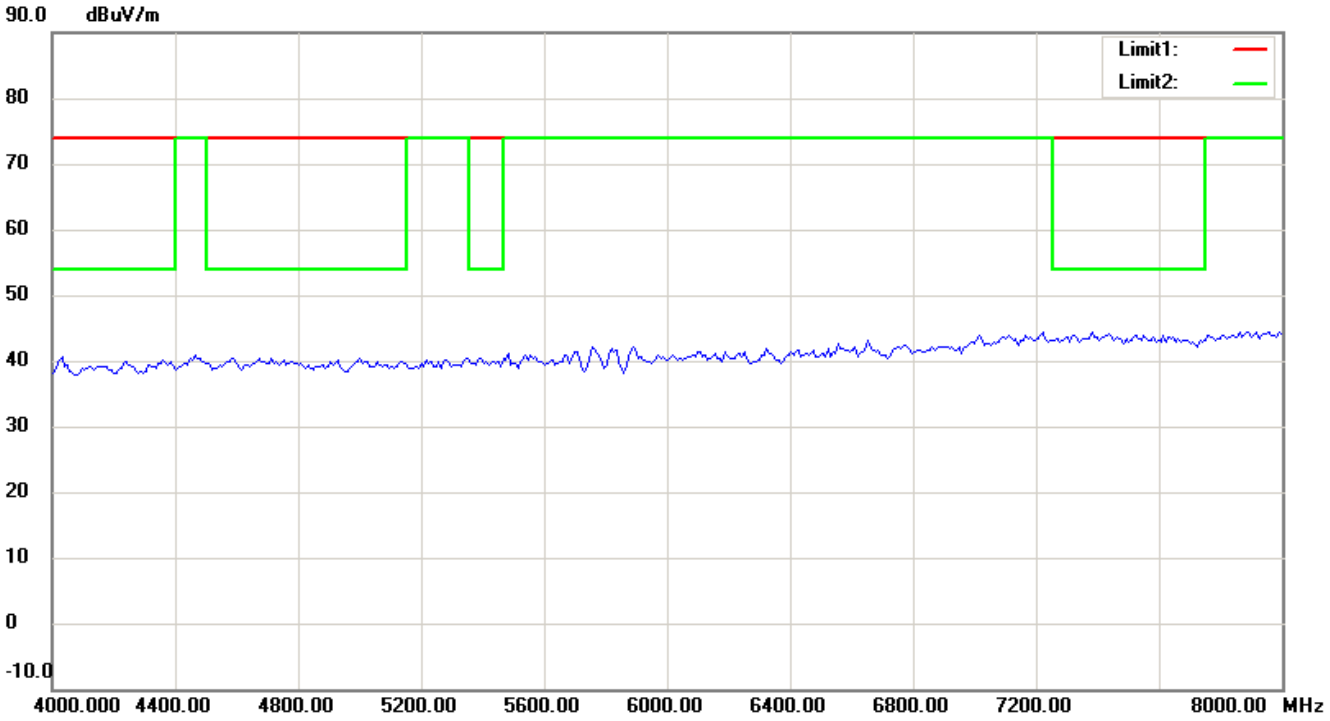
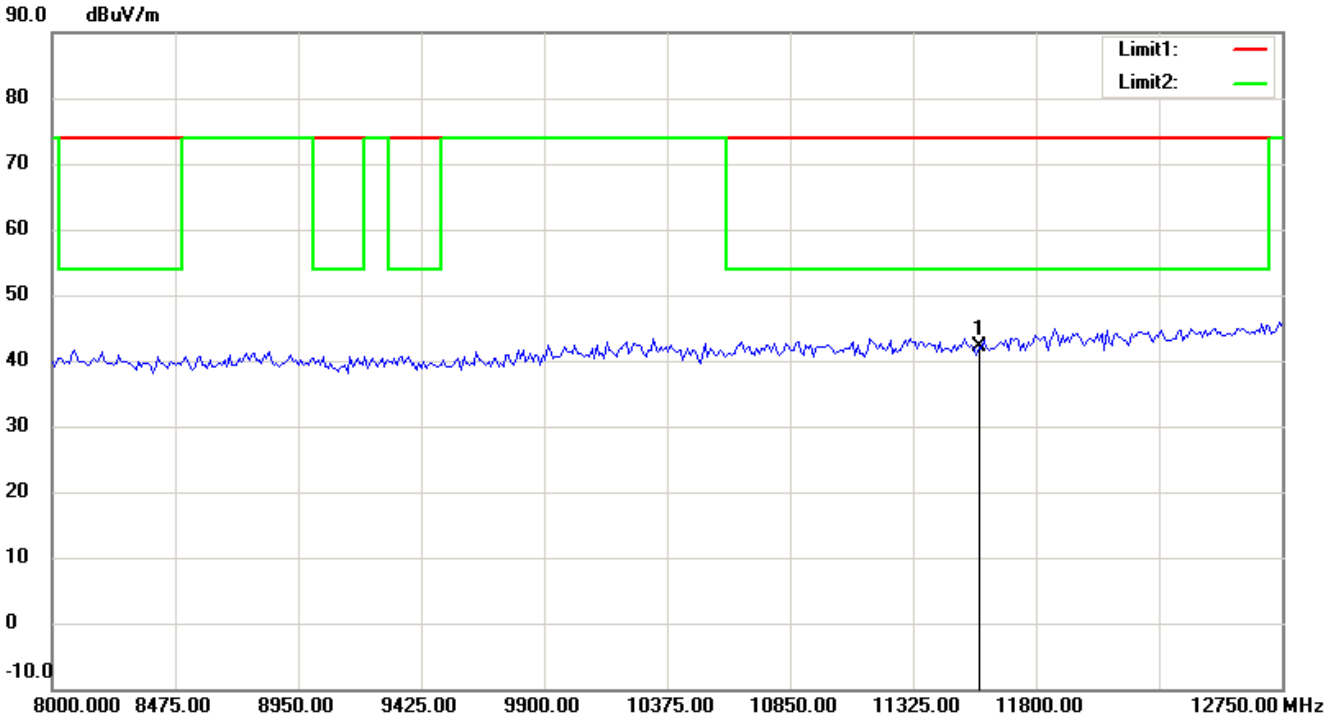
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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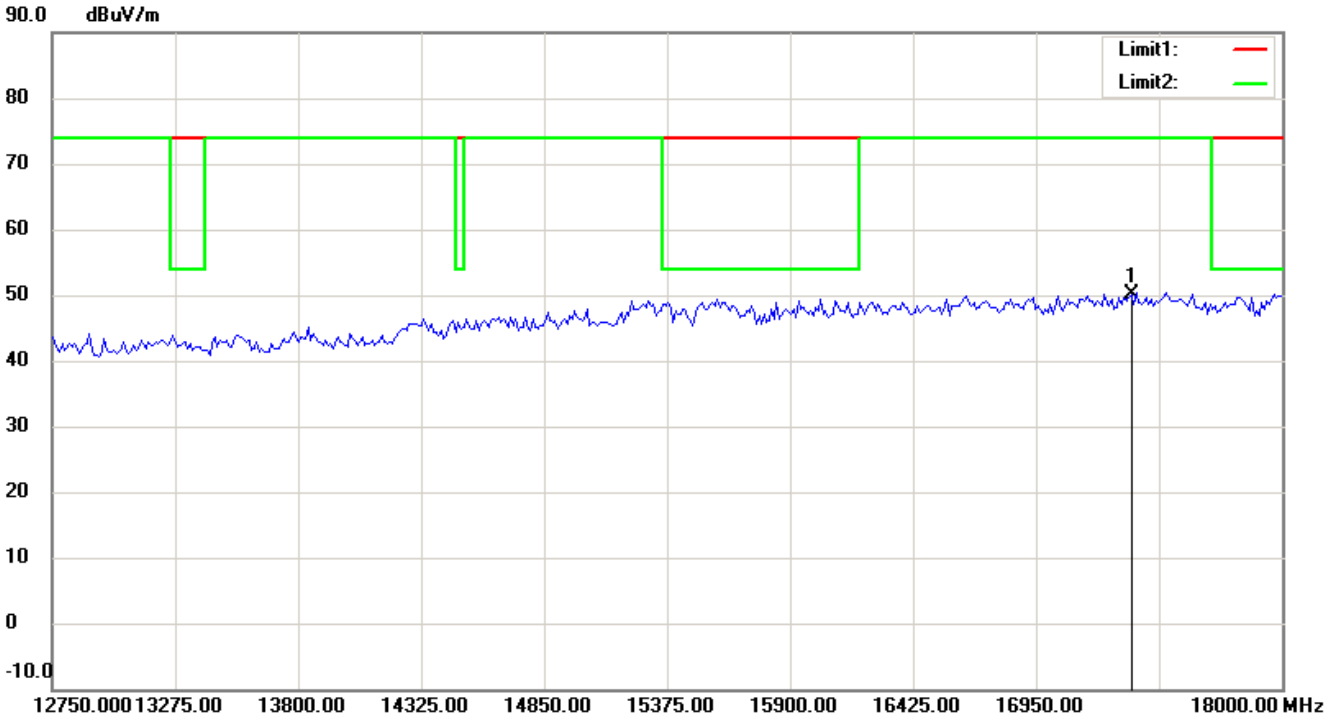

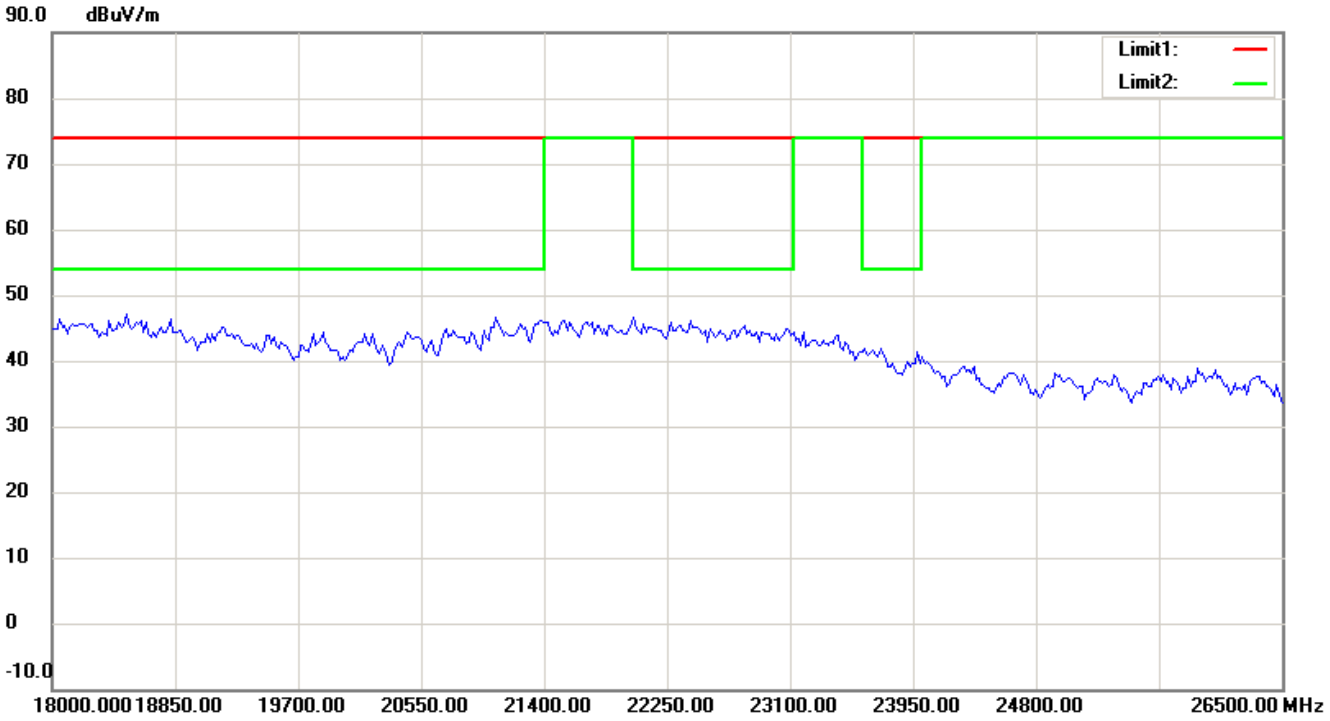

Up Line: Peak Limit Line Down Line: Ave Limit Line
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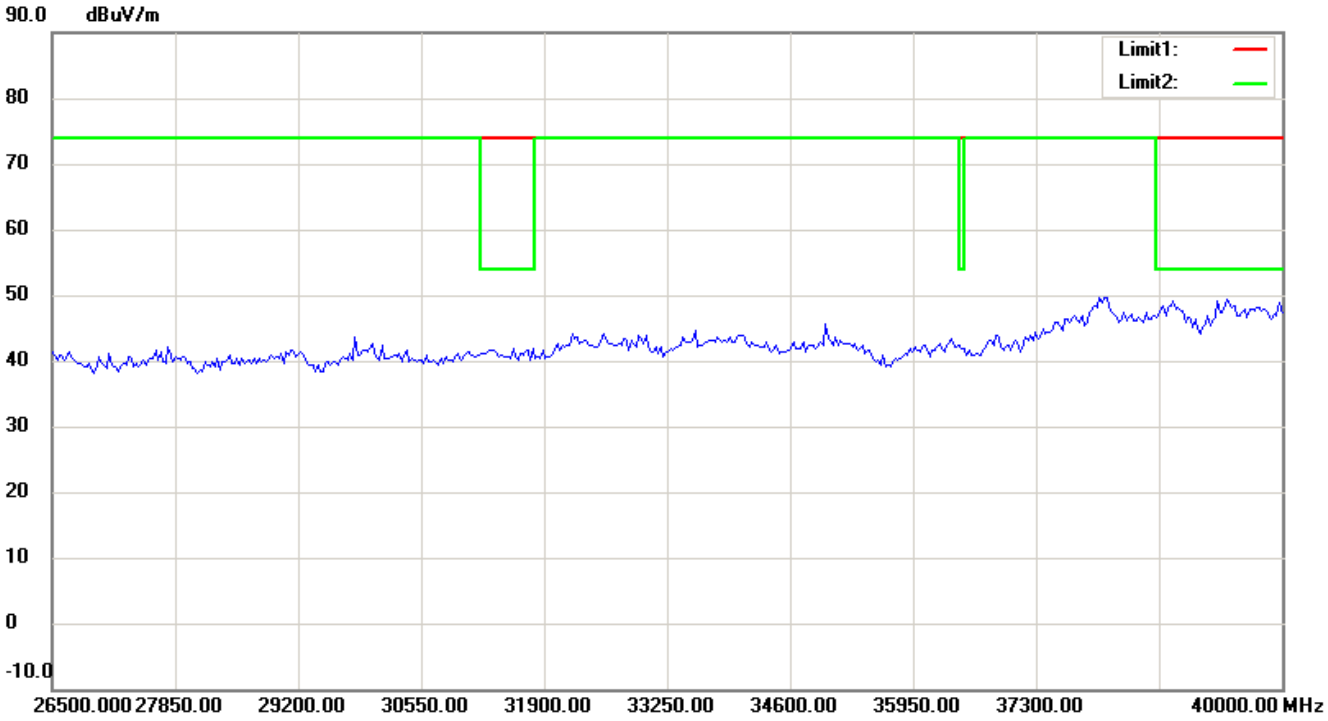
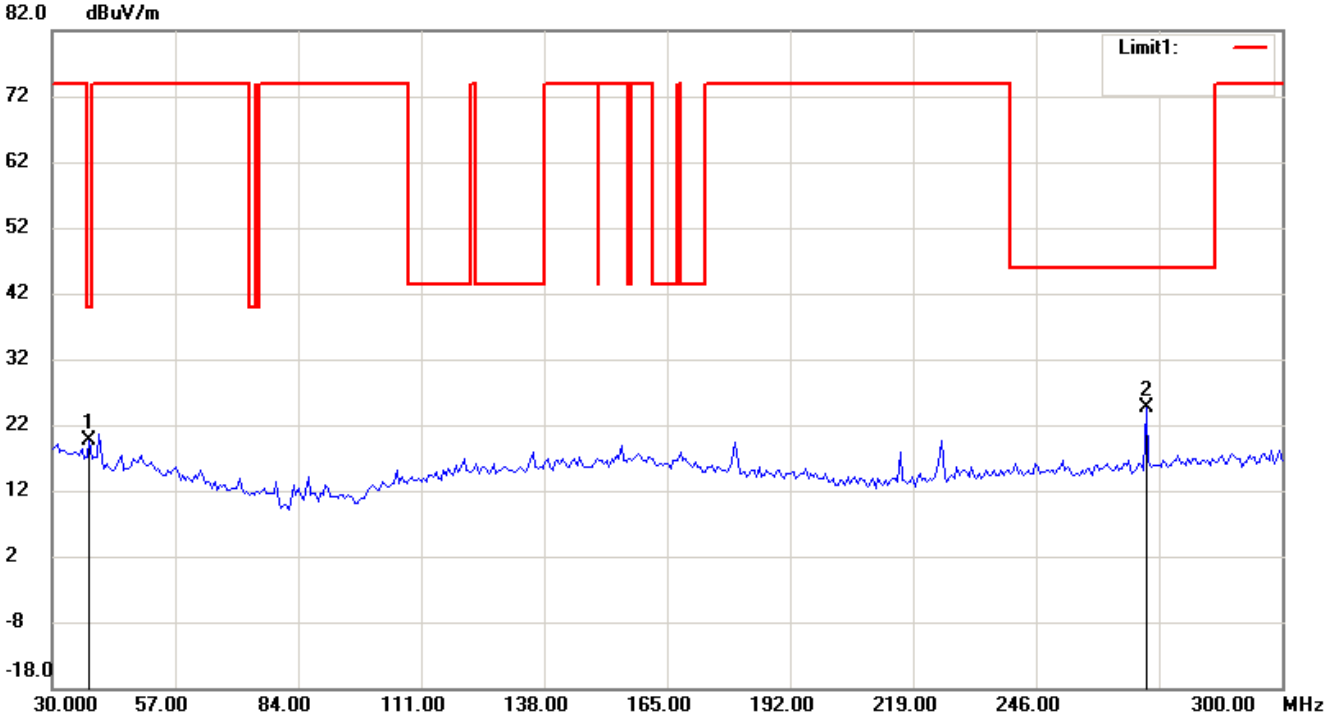
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6



Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
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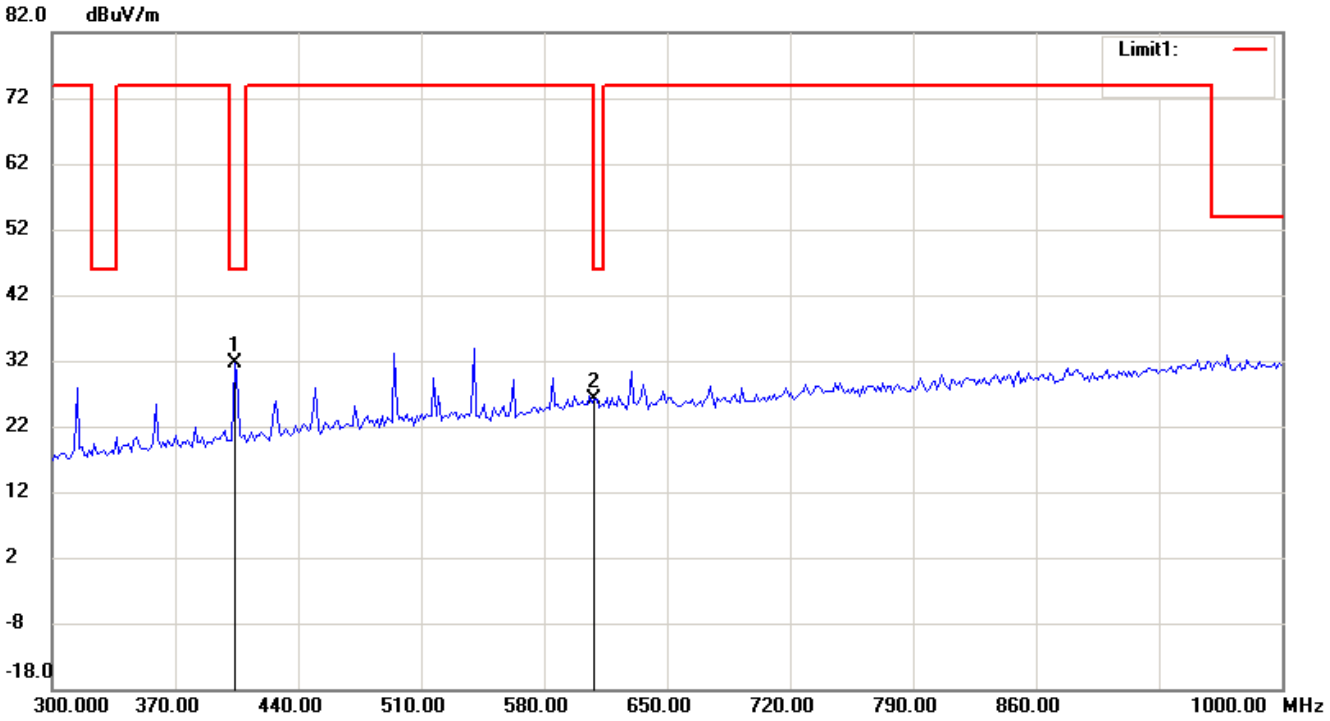
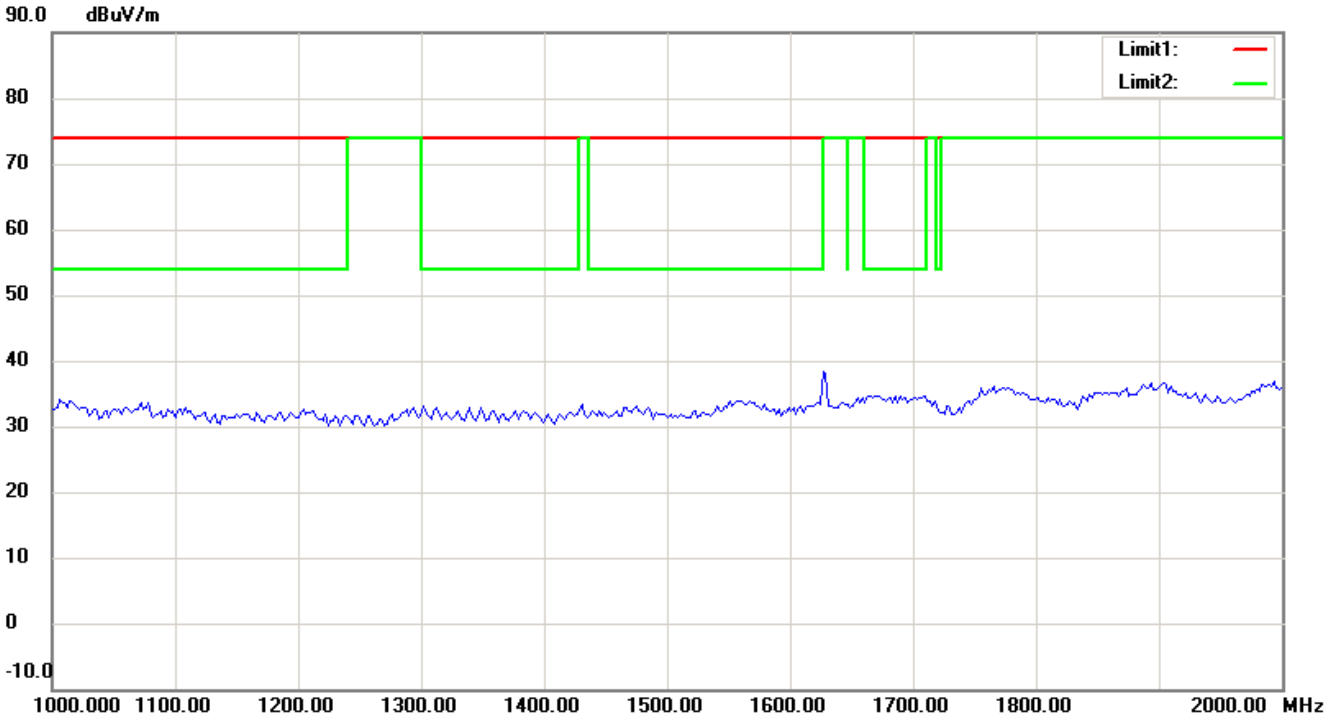
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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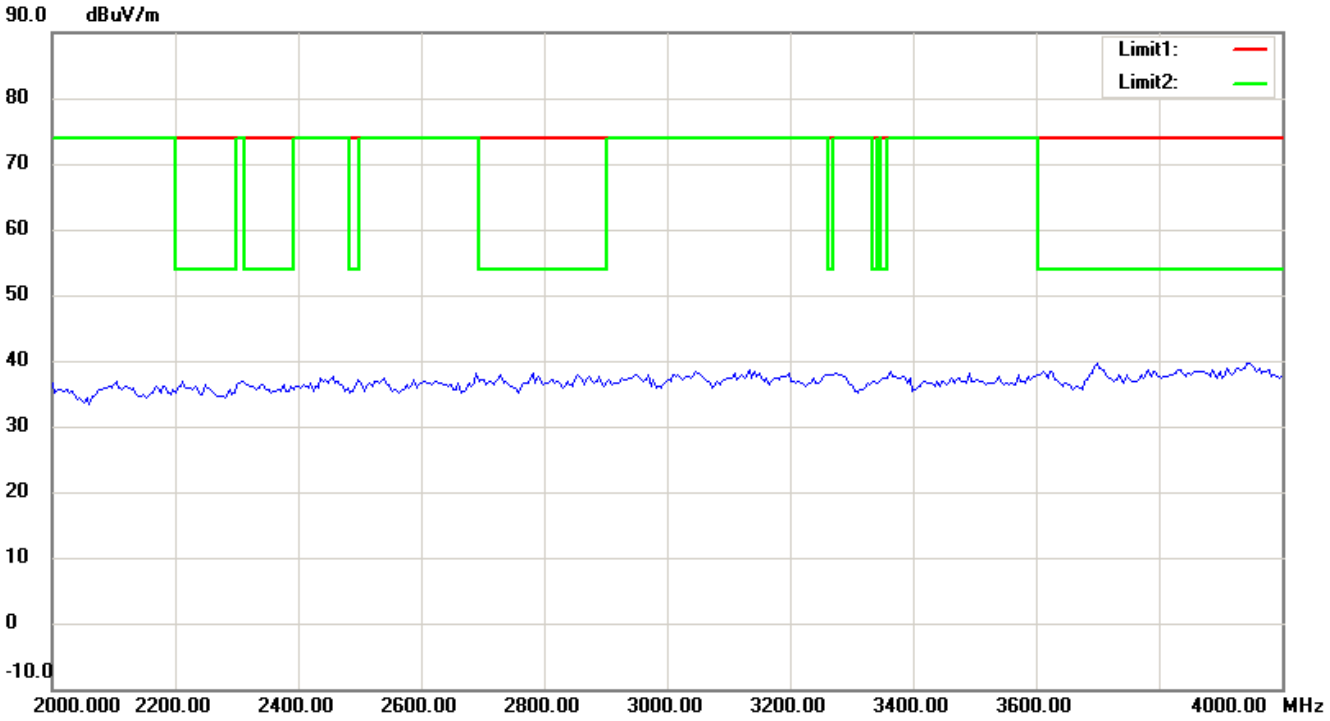
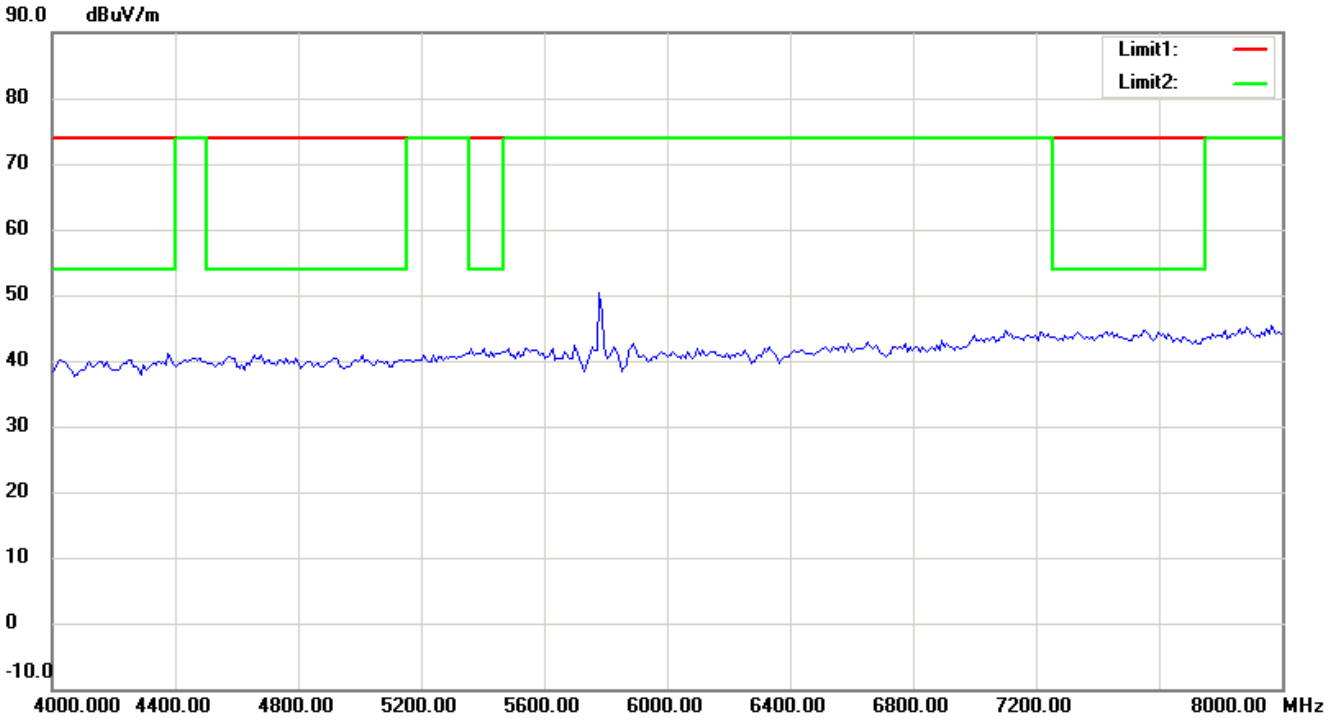
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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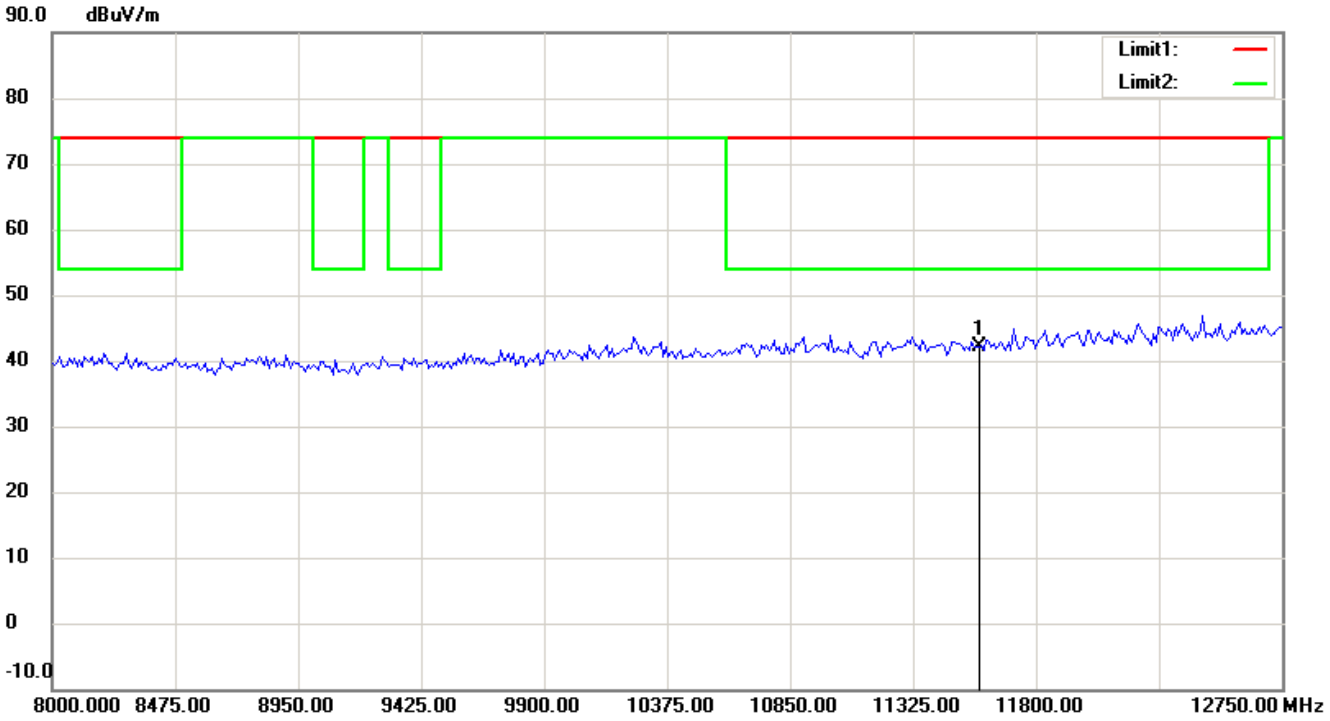
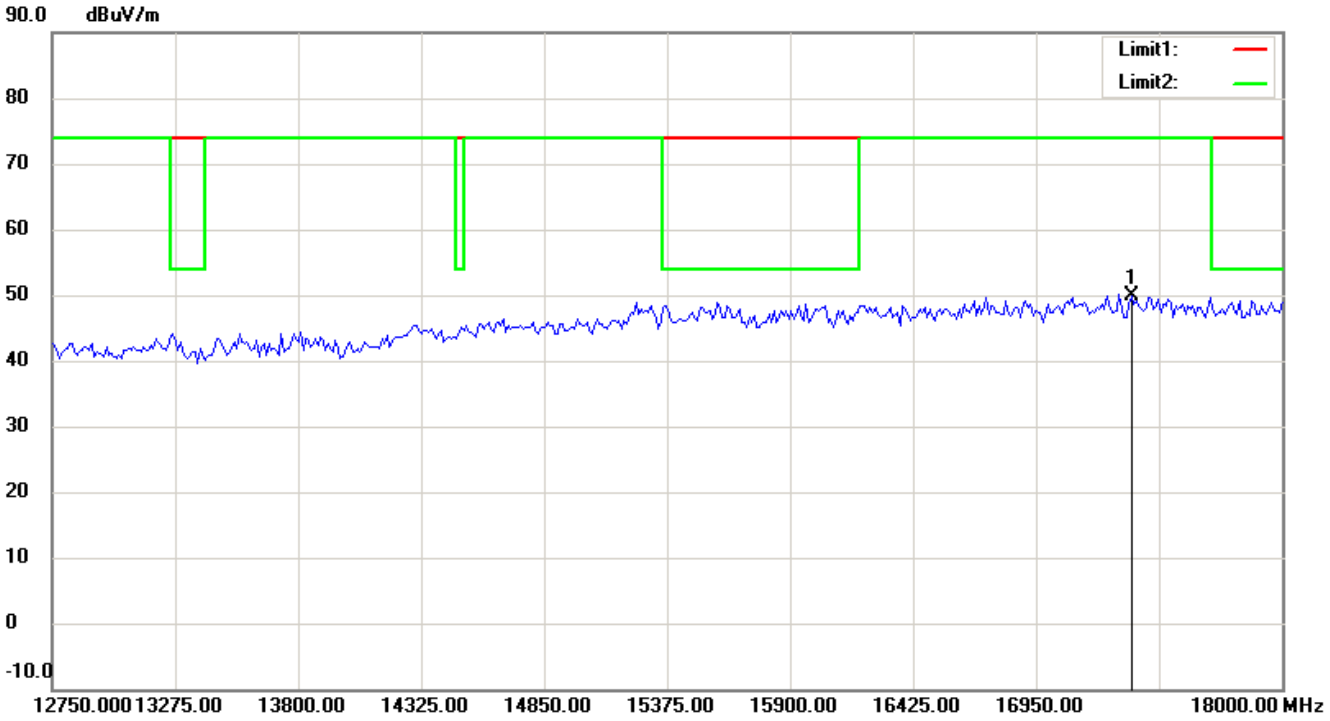
FCC ID: IR5DT6





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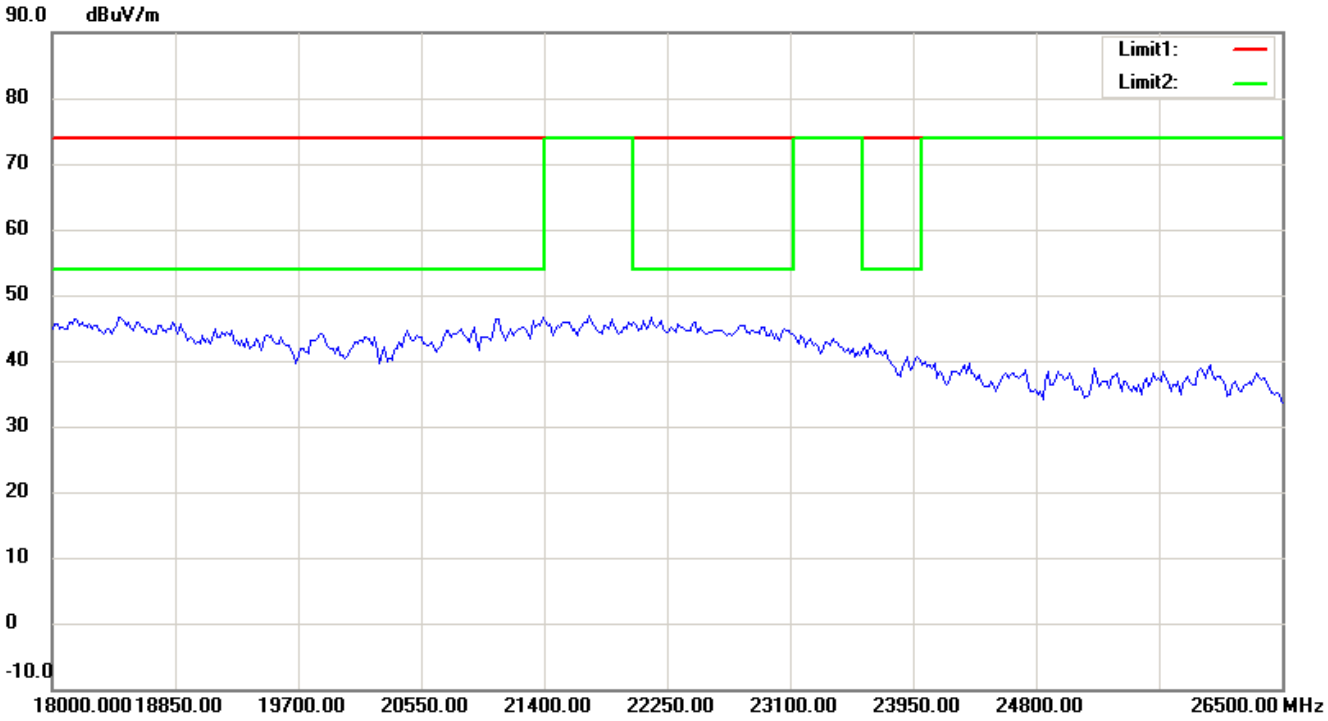

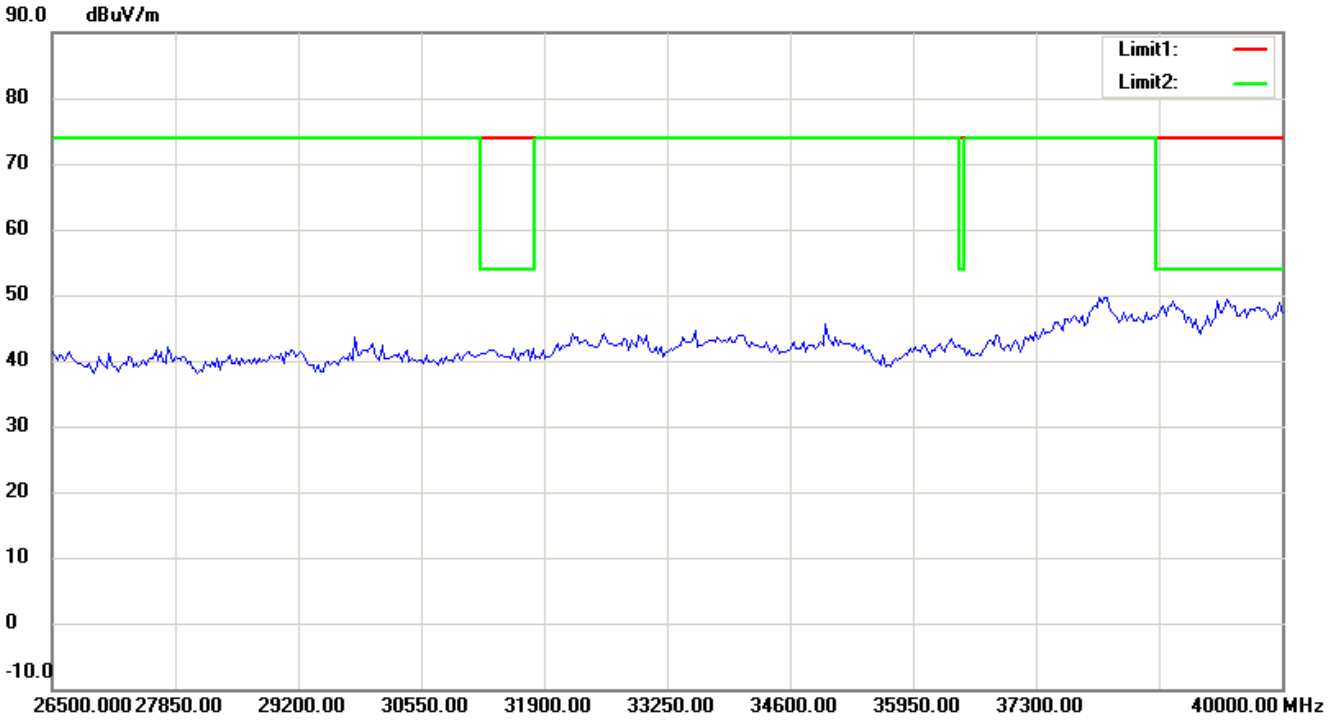

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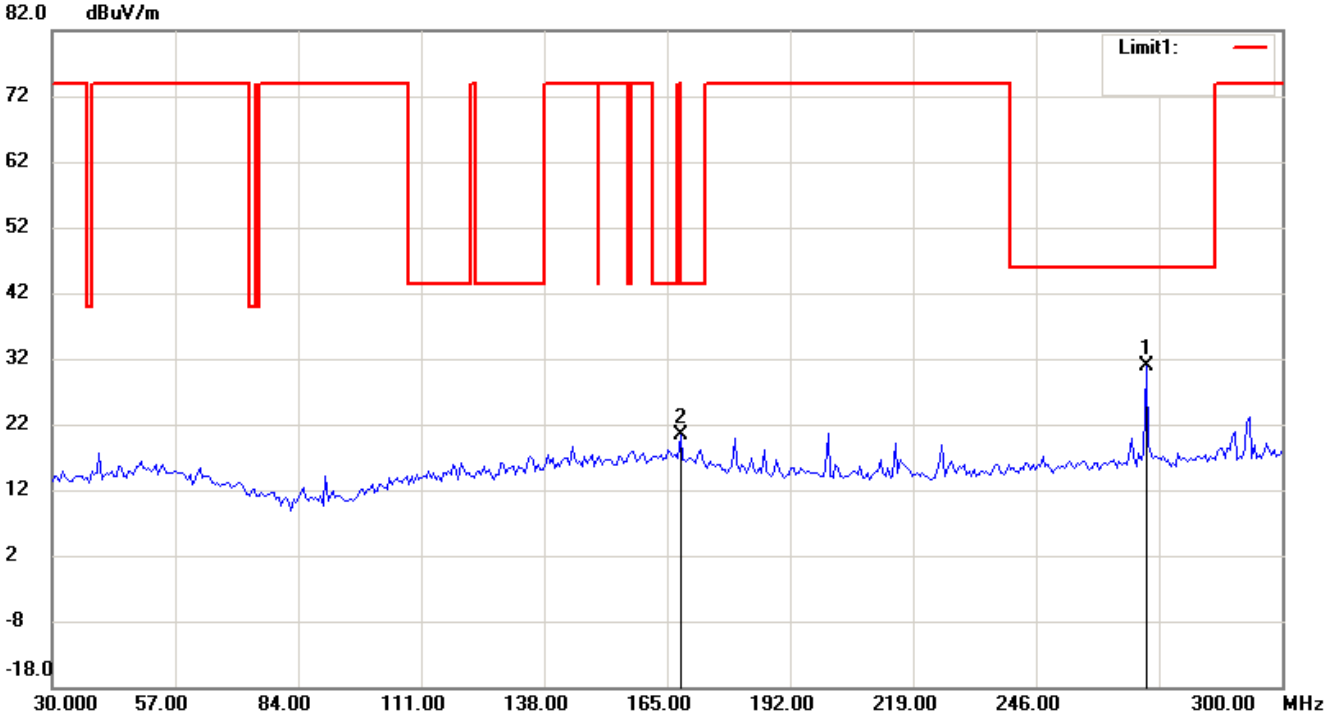
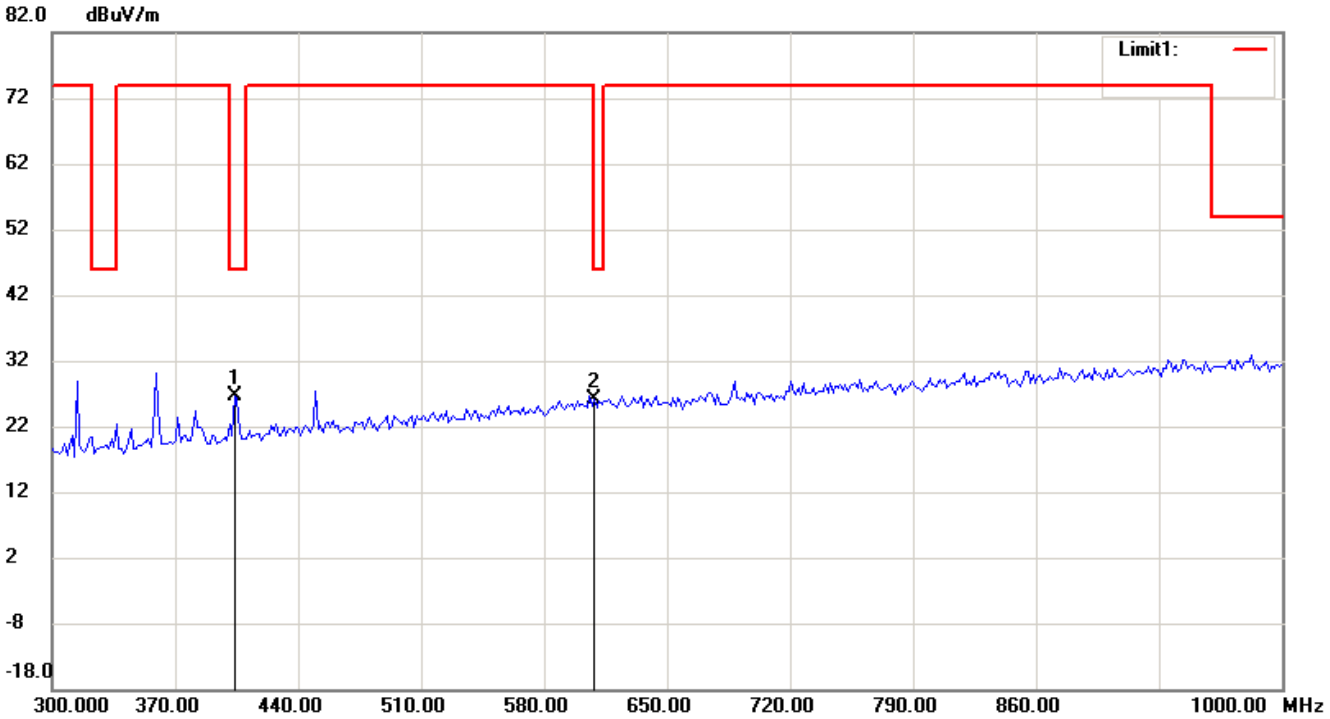
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11a 5825MHz
Antenna Polarization H





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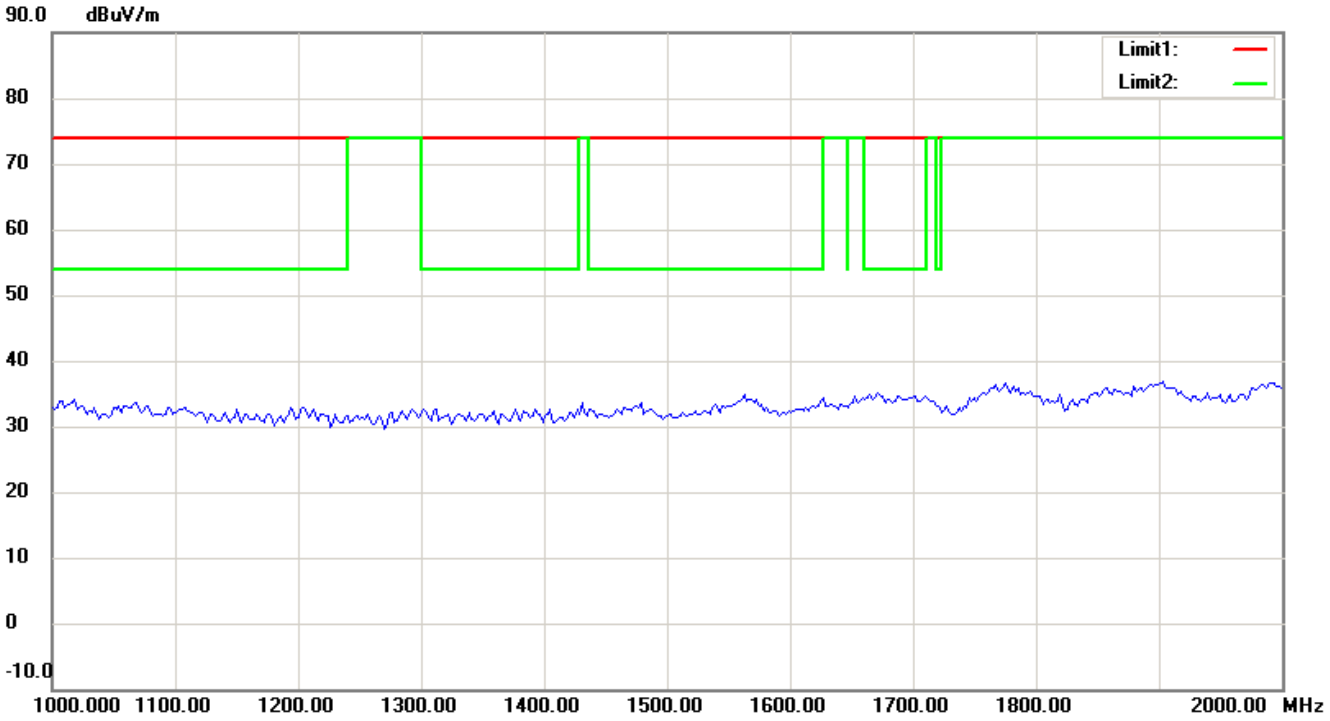

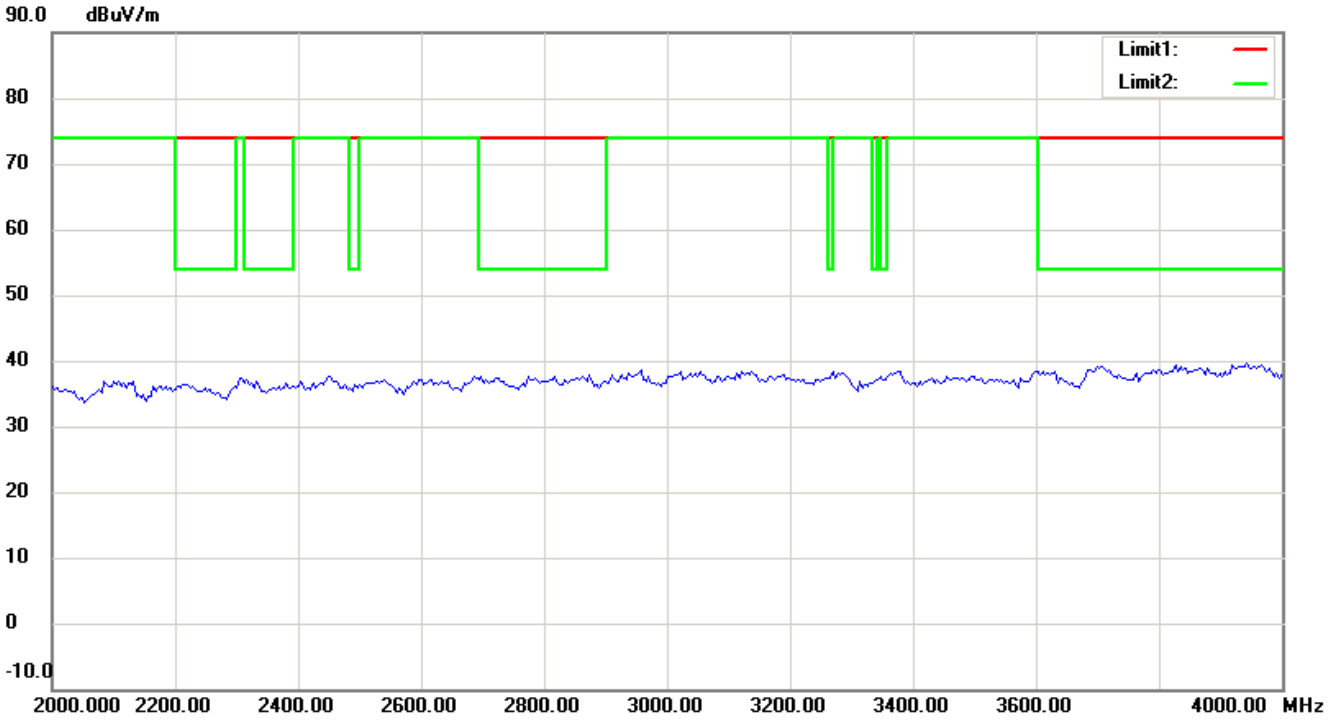

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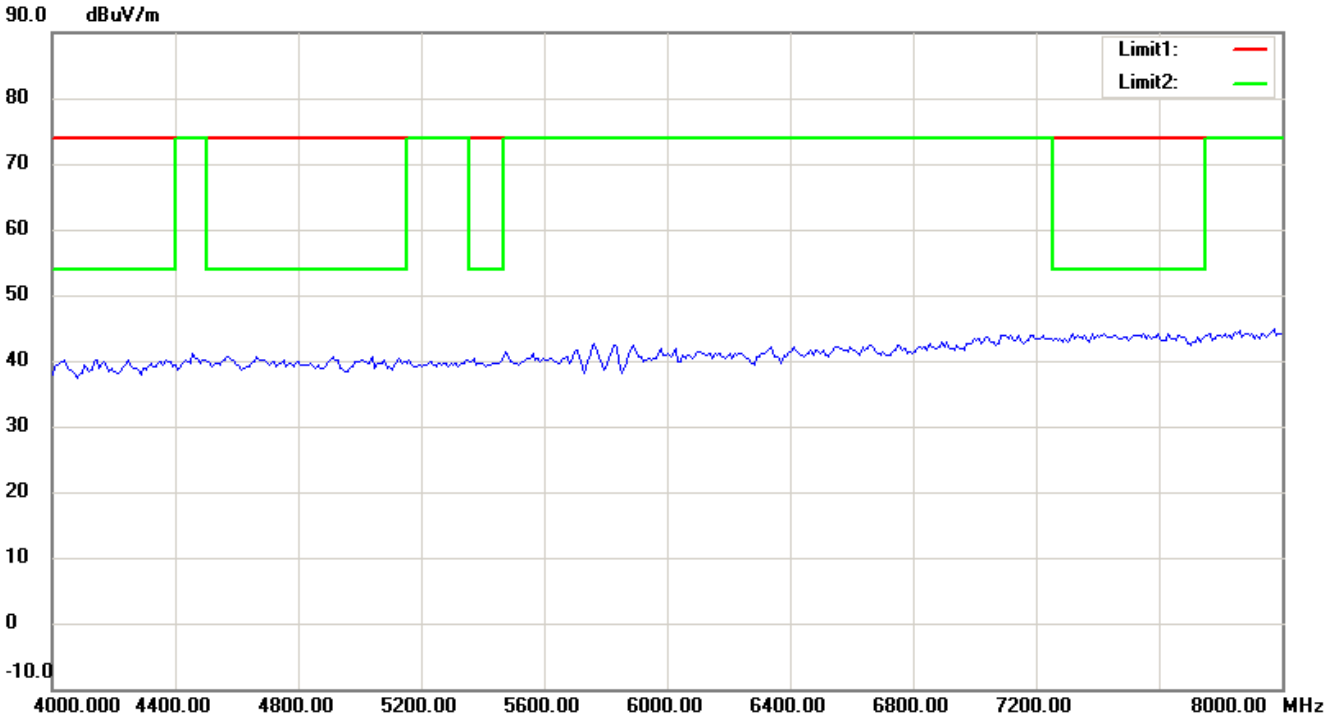

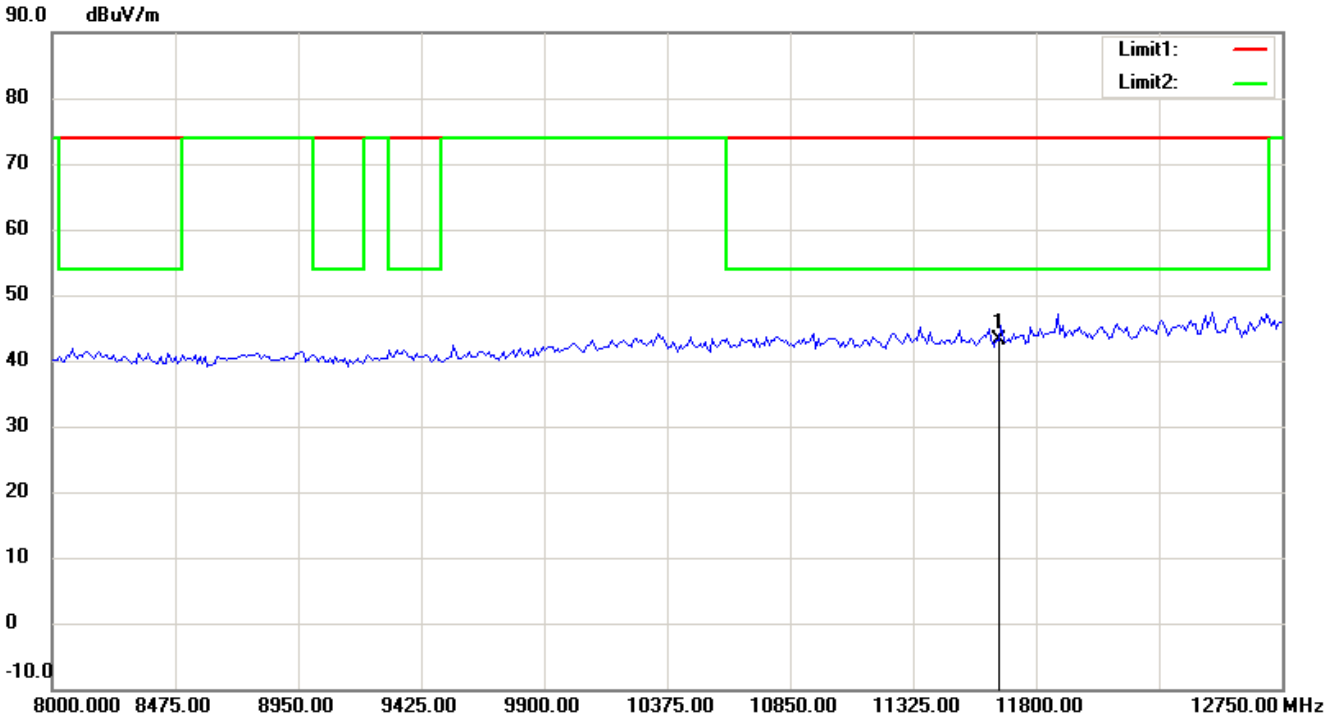

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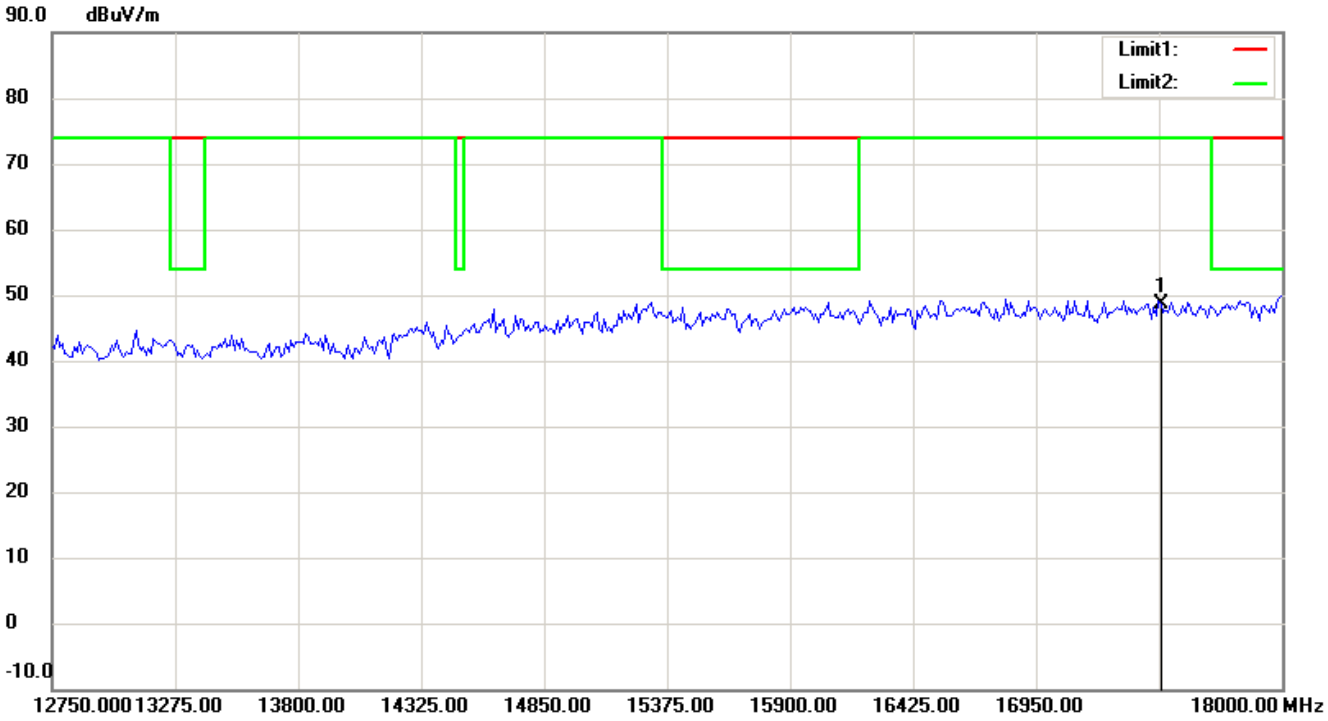

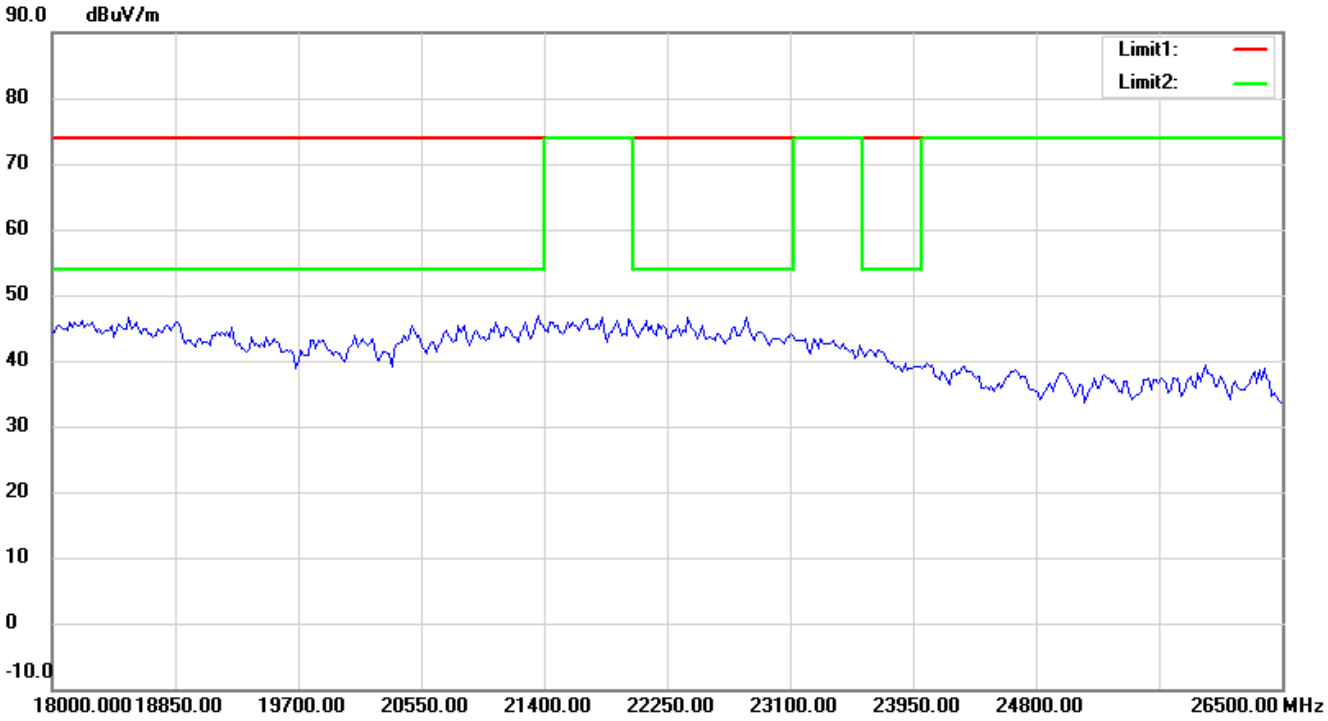

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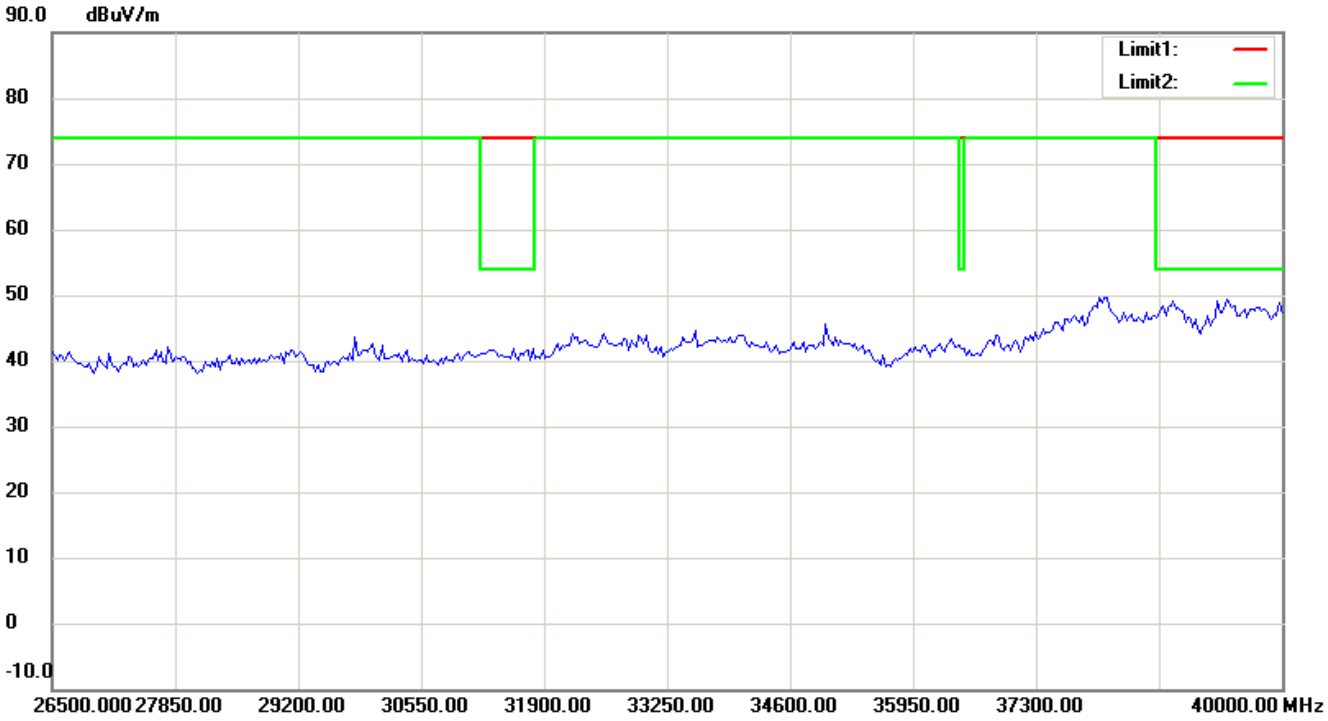
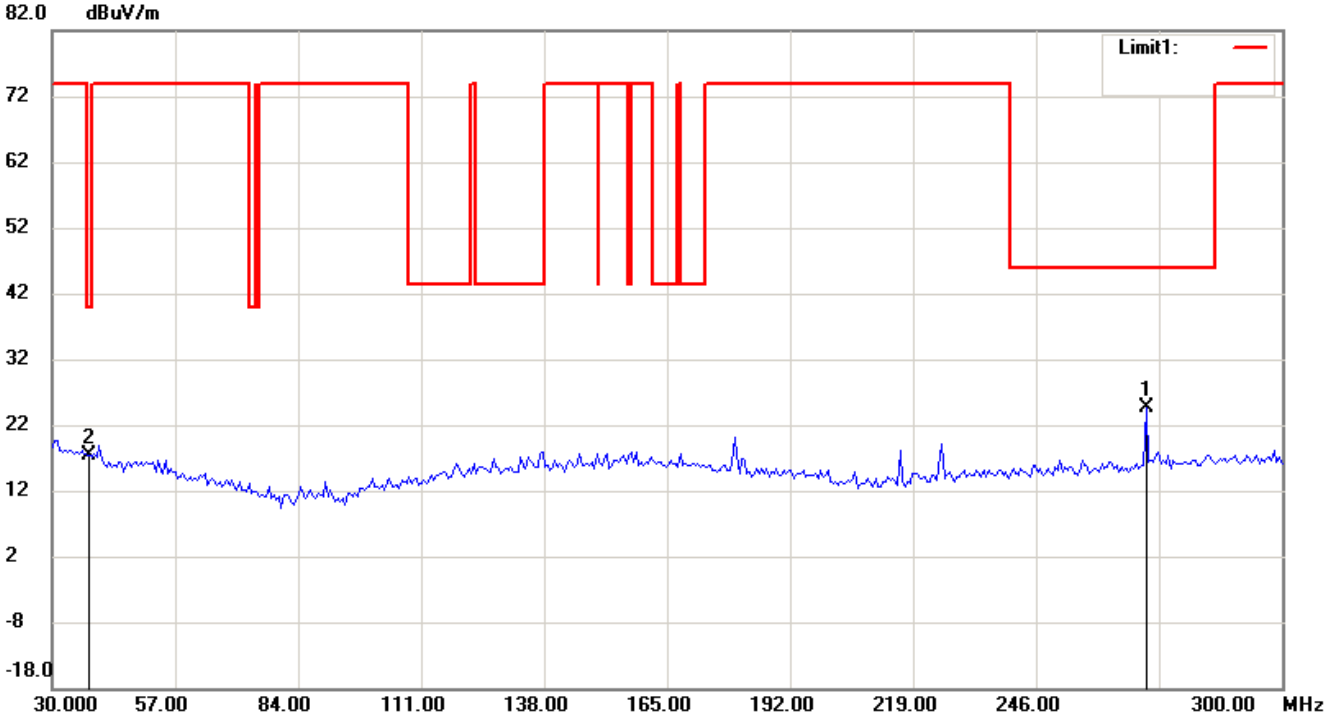


Antenna Polarization V



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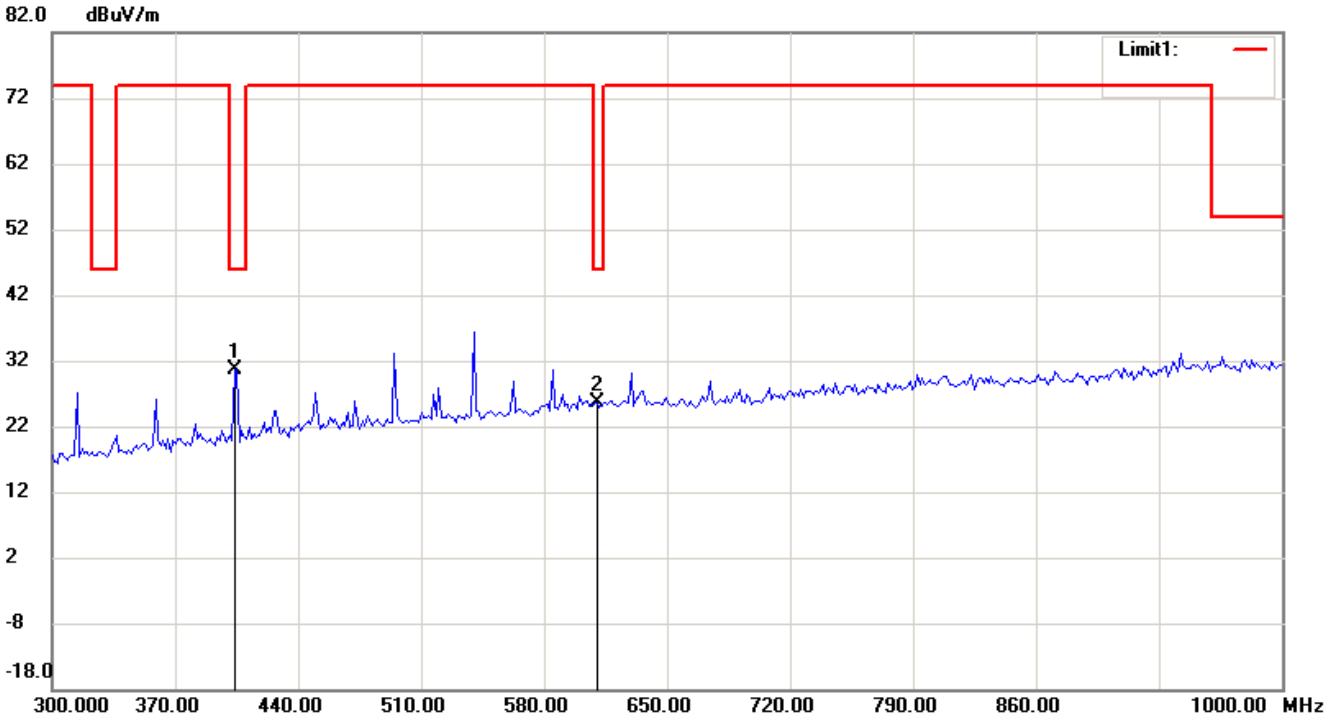
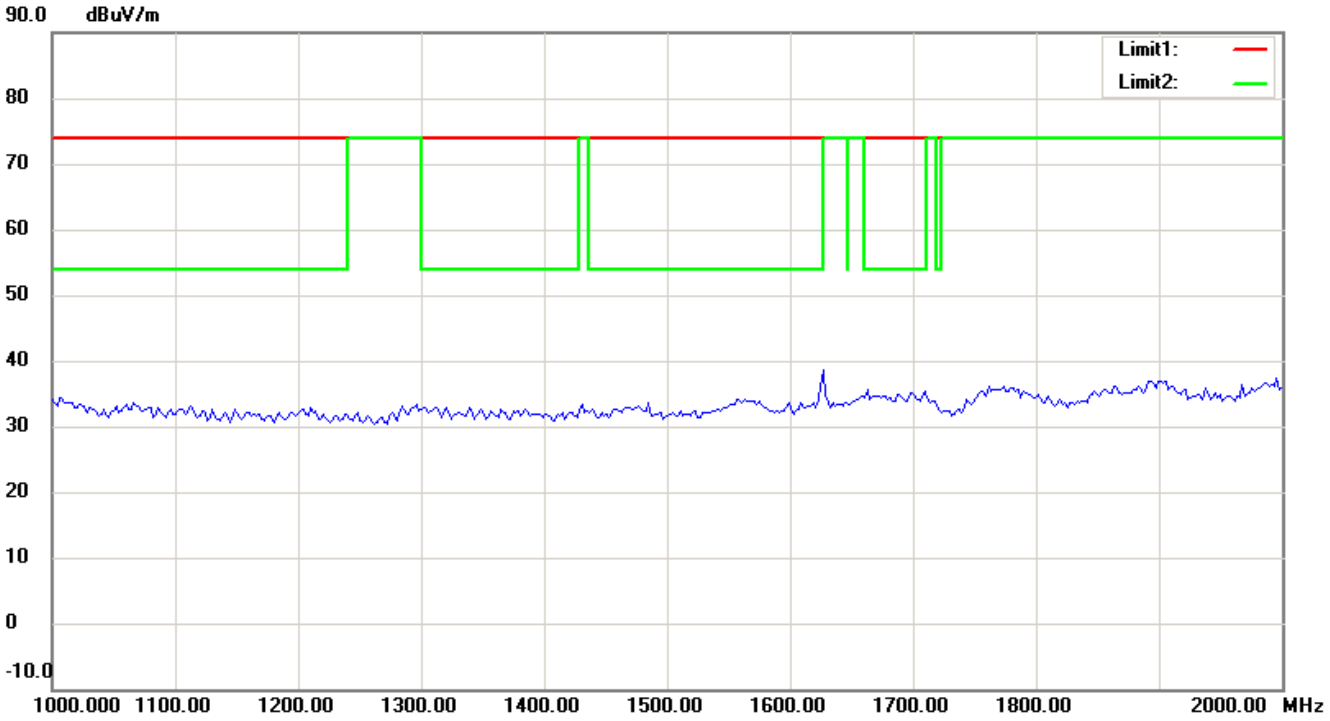
FCC ID: IR5DT6





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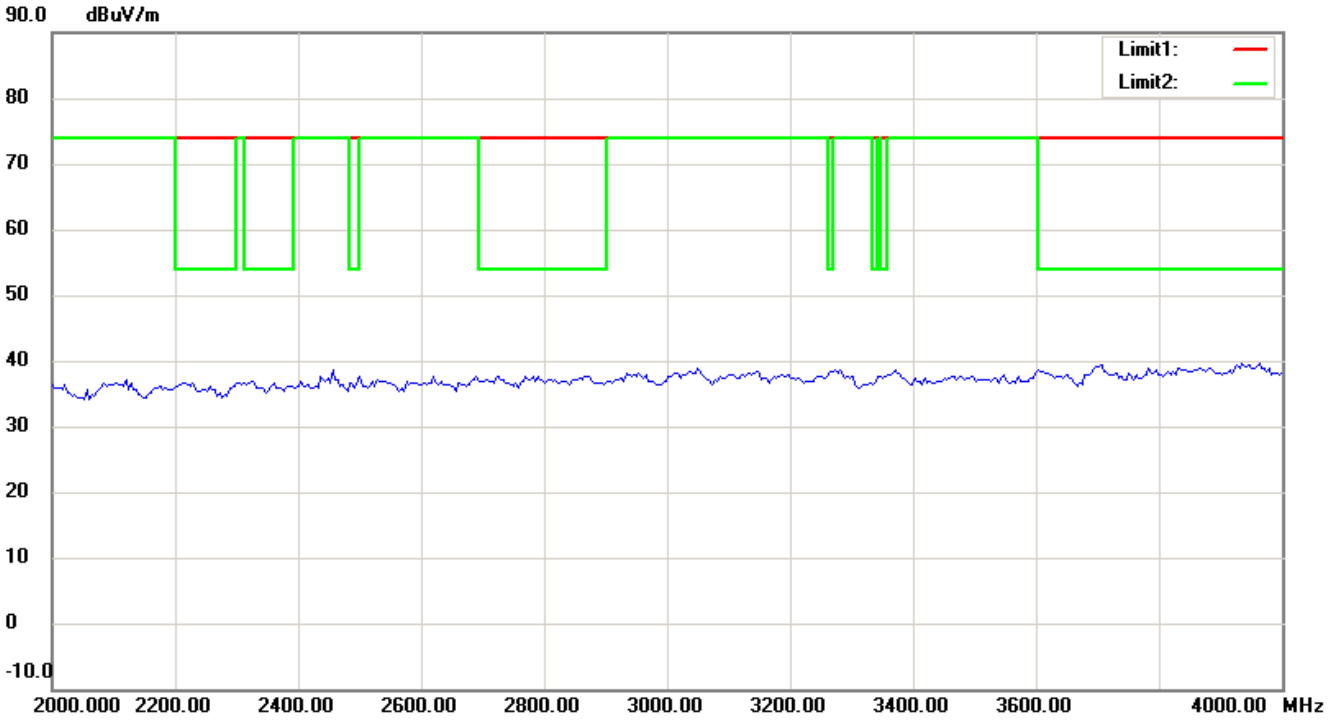

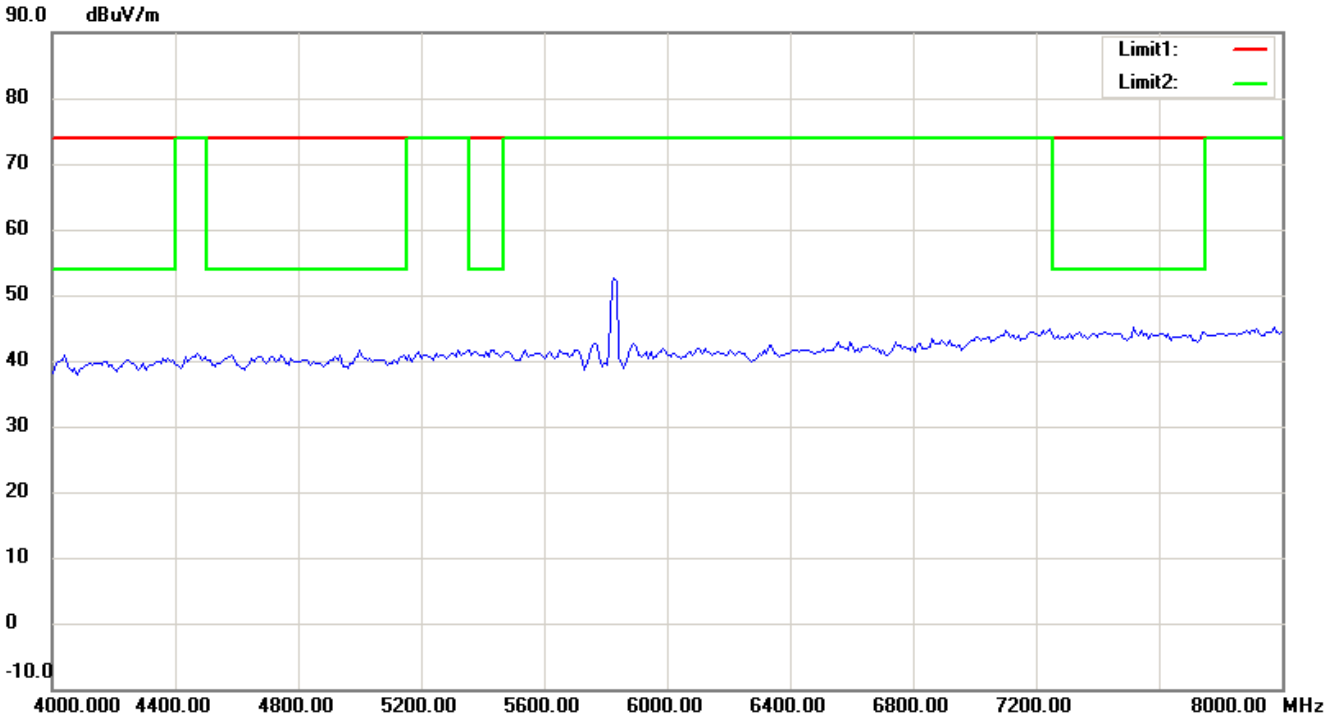

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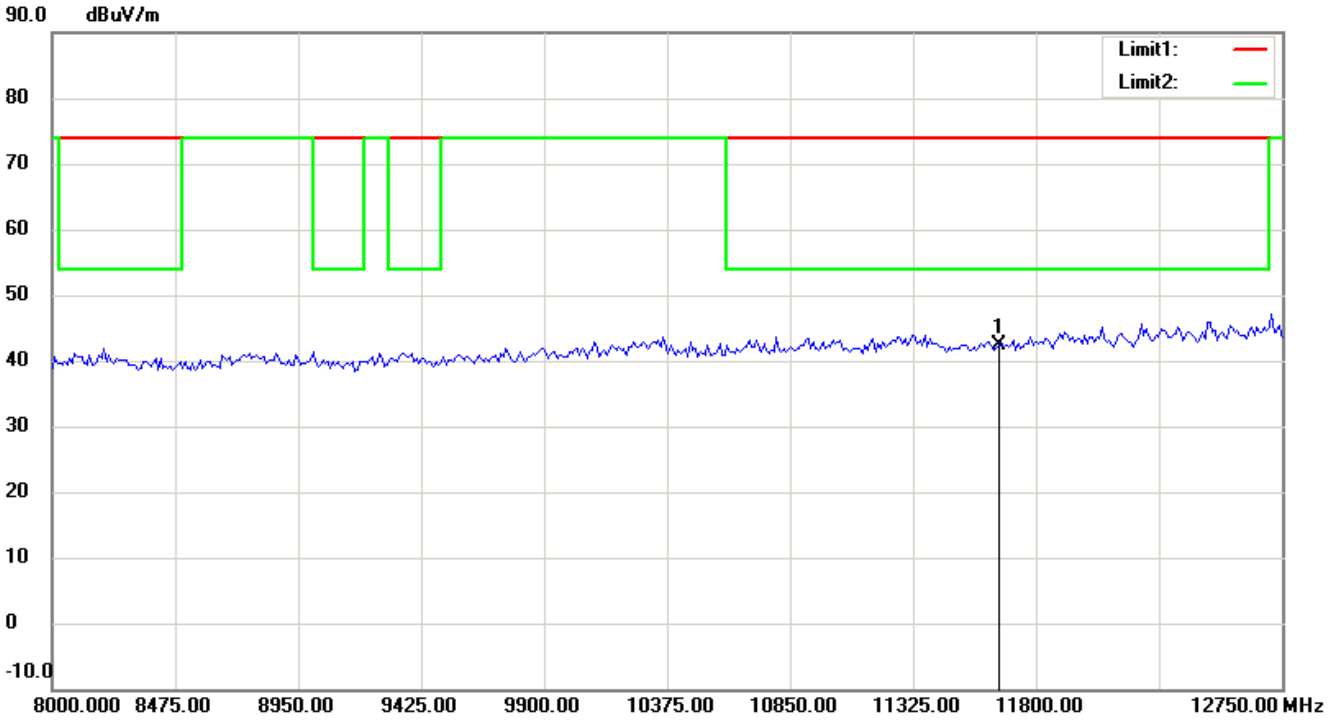

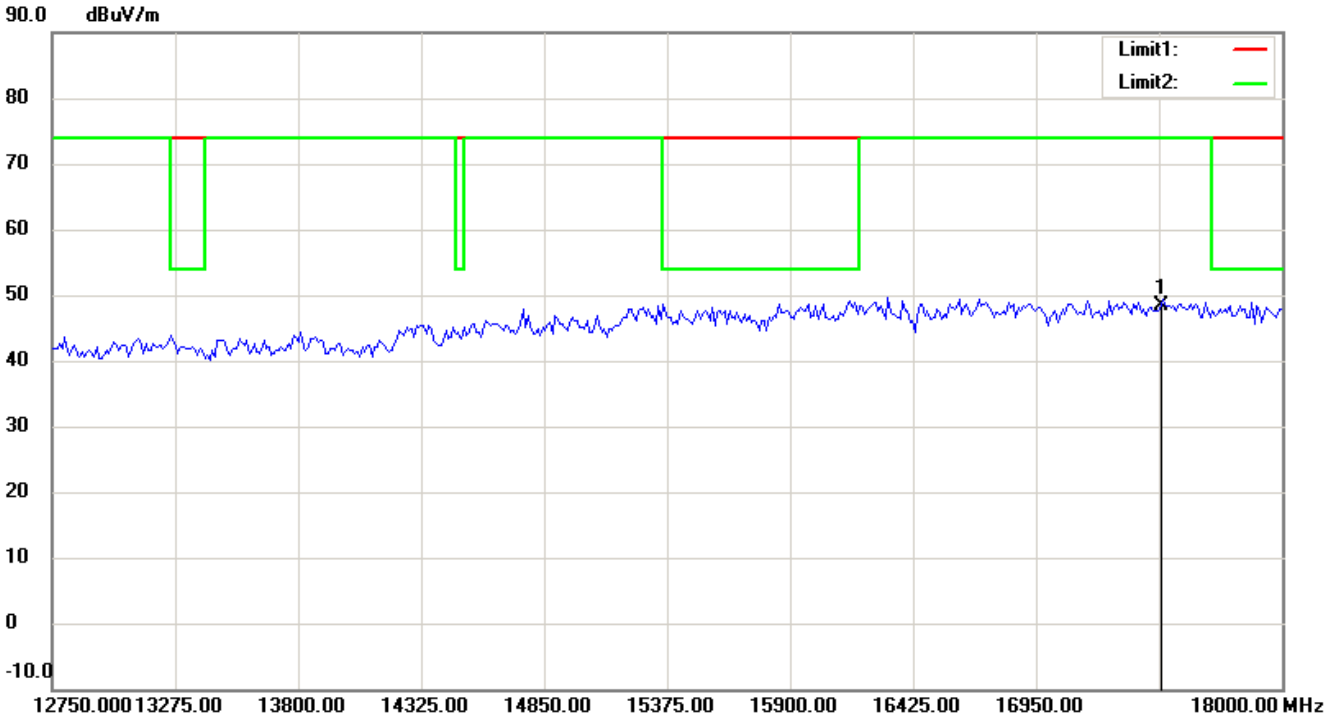

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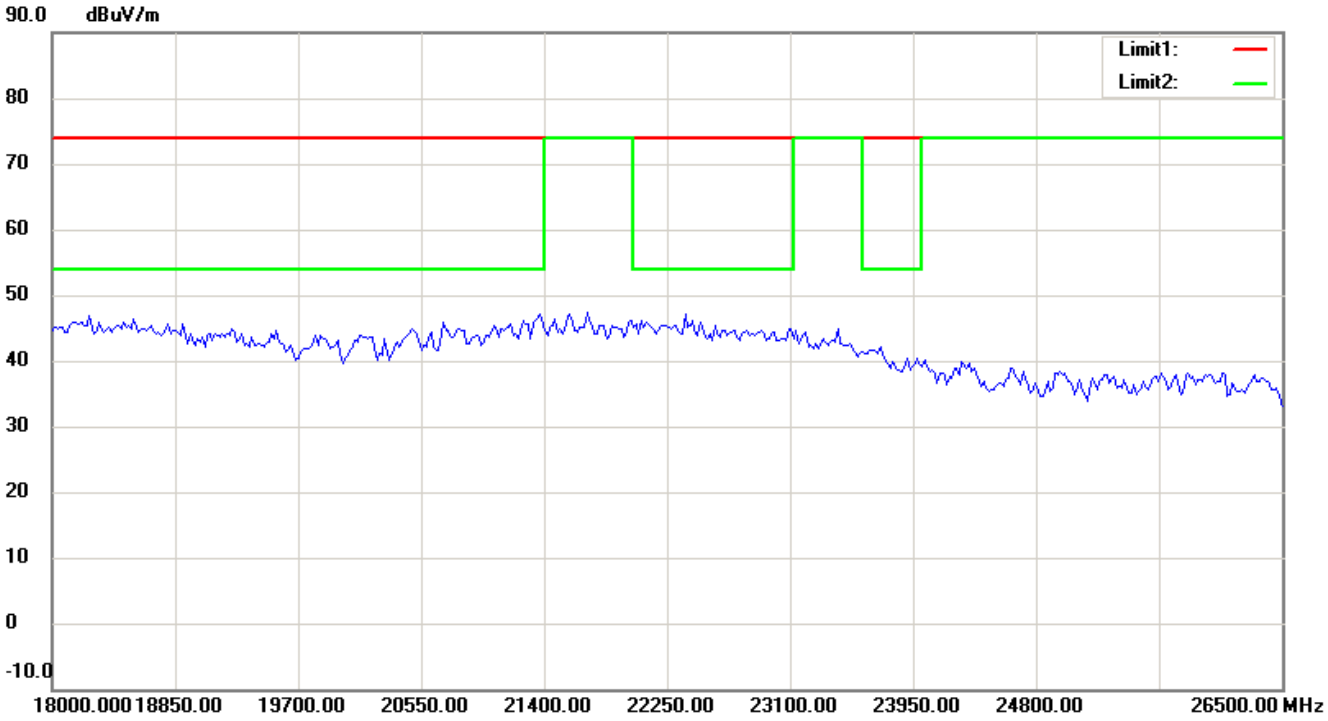

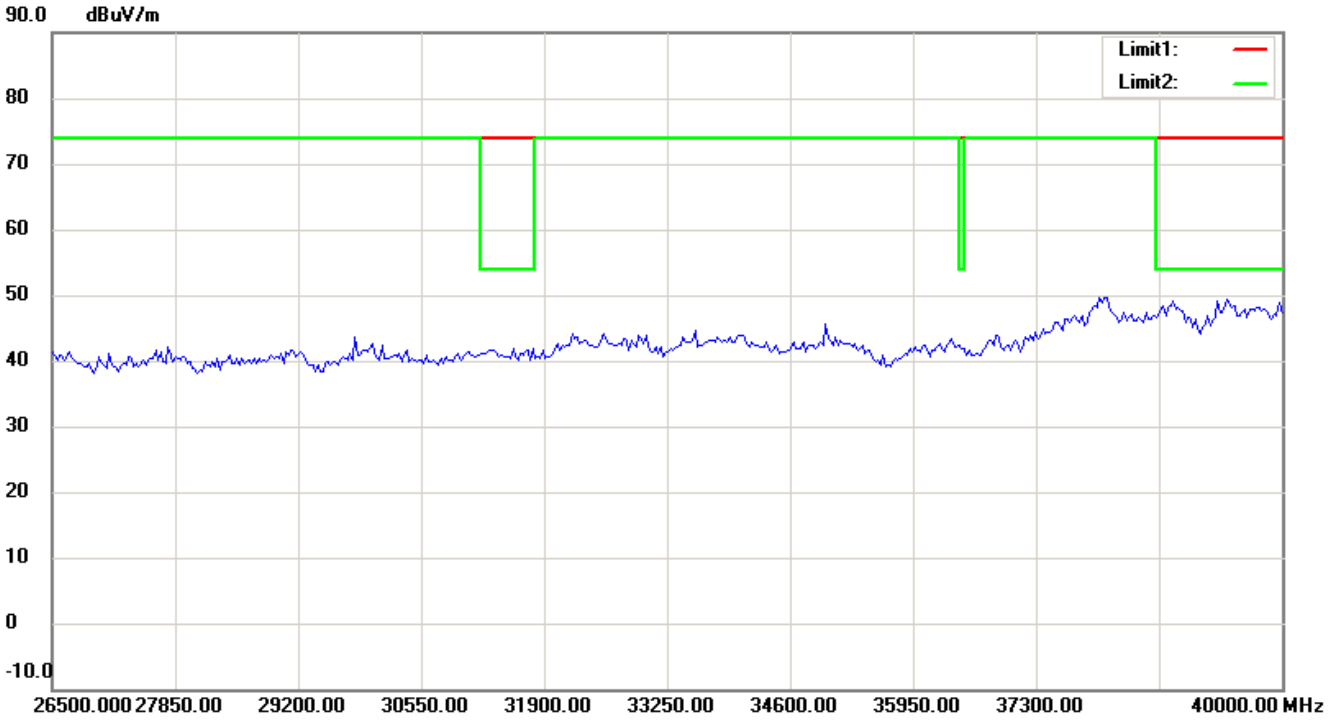

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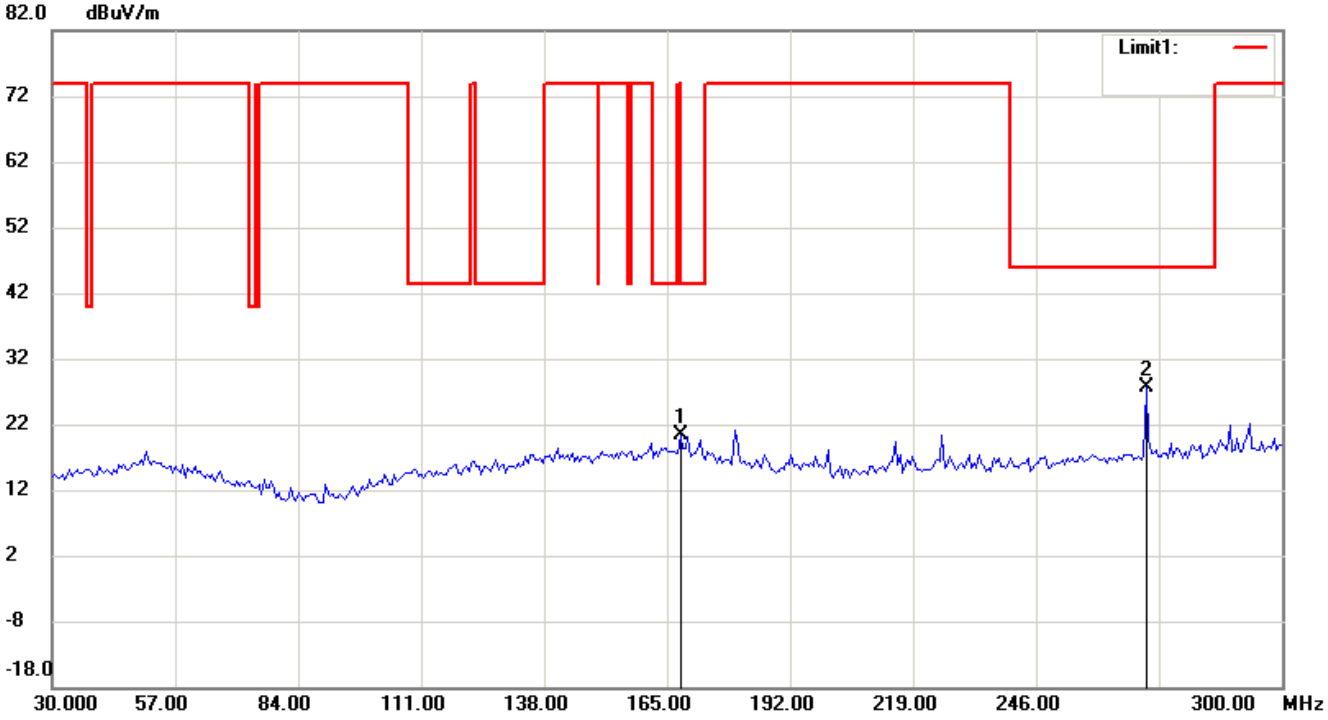
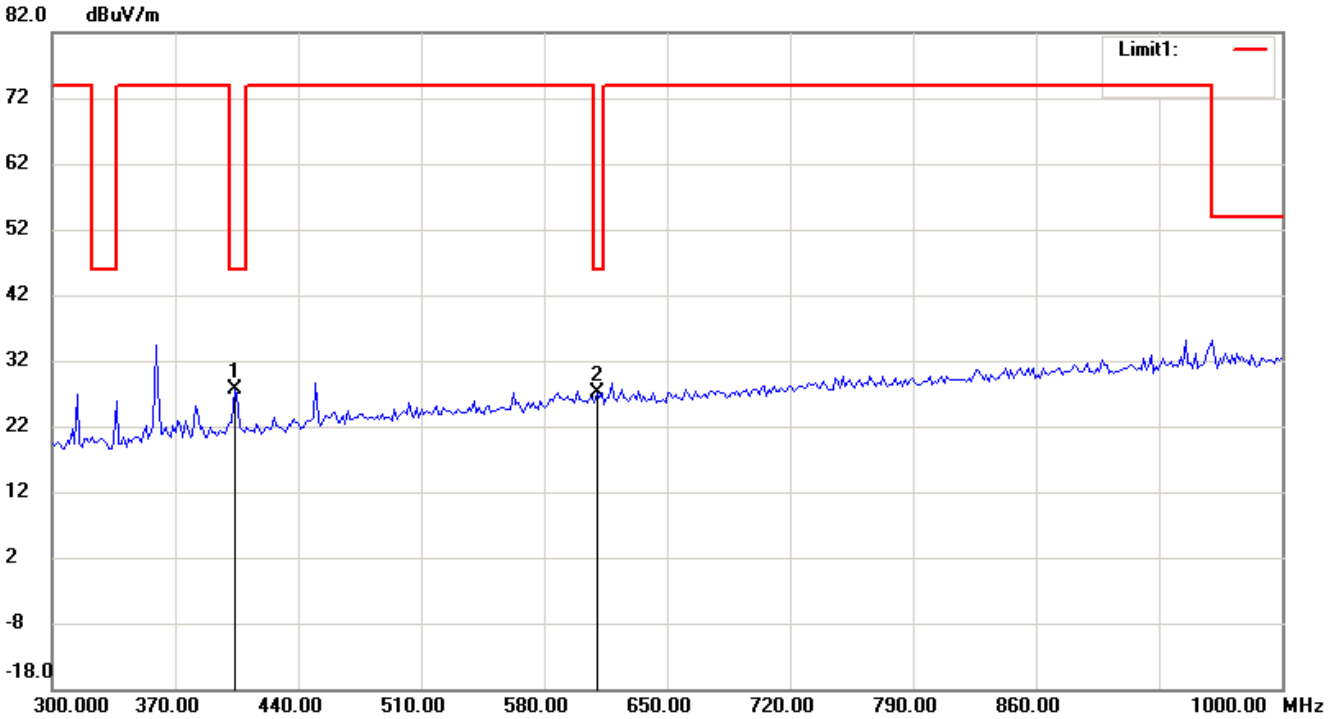
FCC ID: IR5DT6

WLAN 802.11n 20M 5745MHz
Antenna Polarization H





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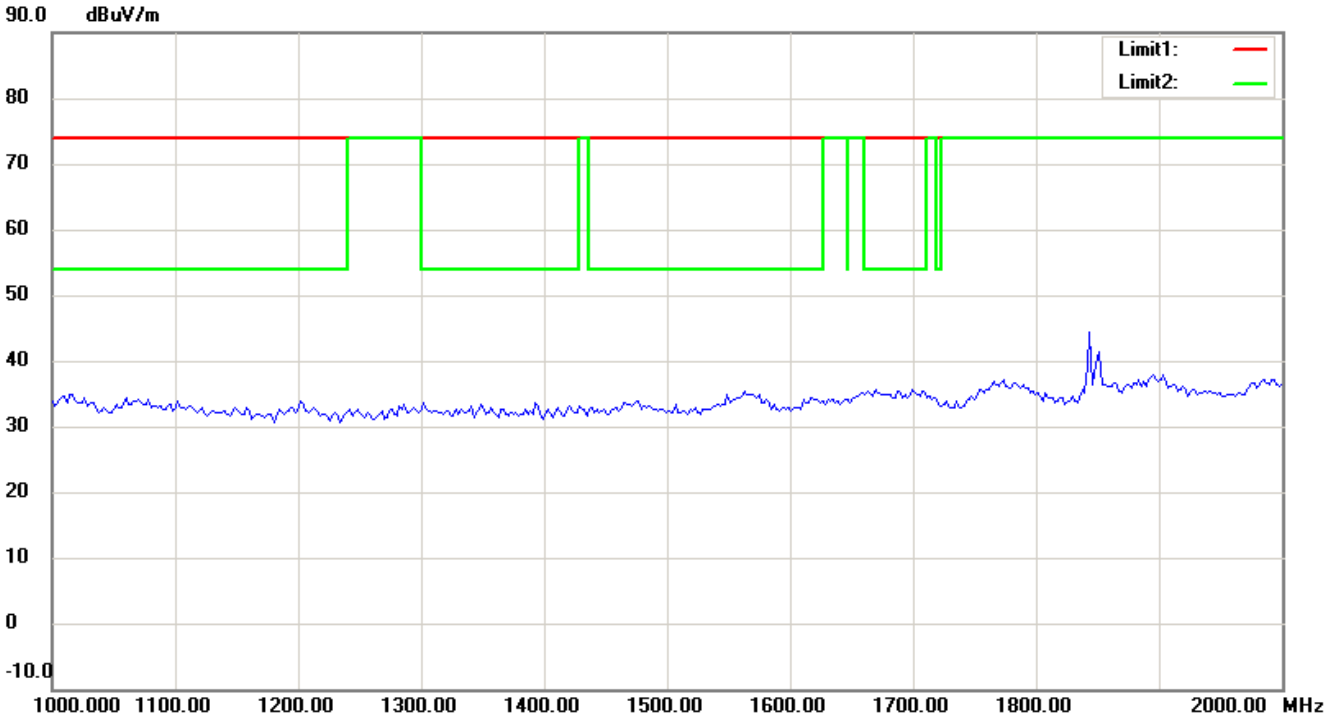

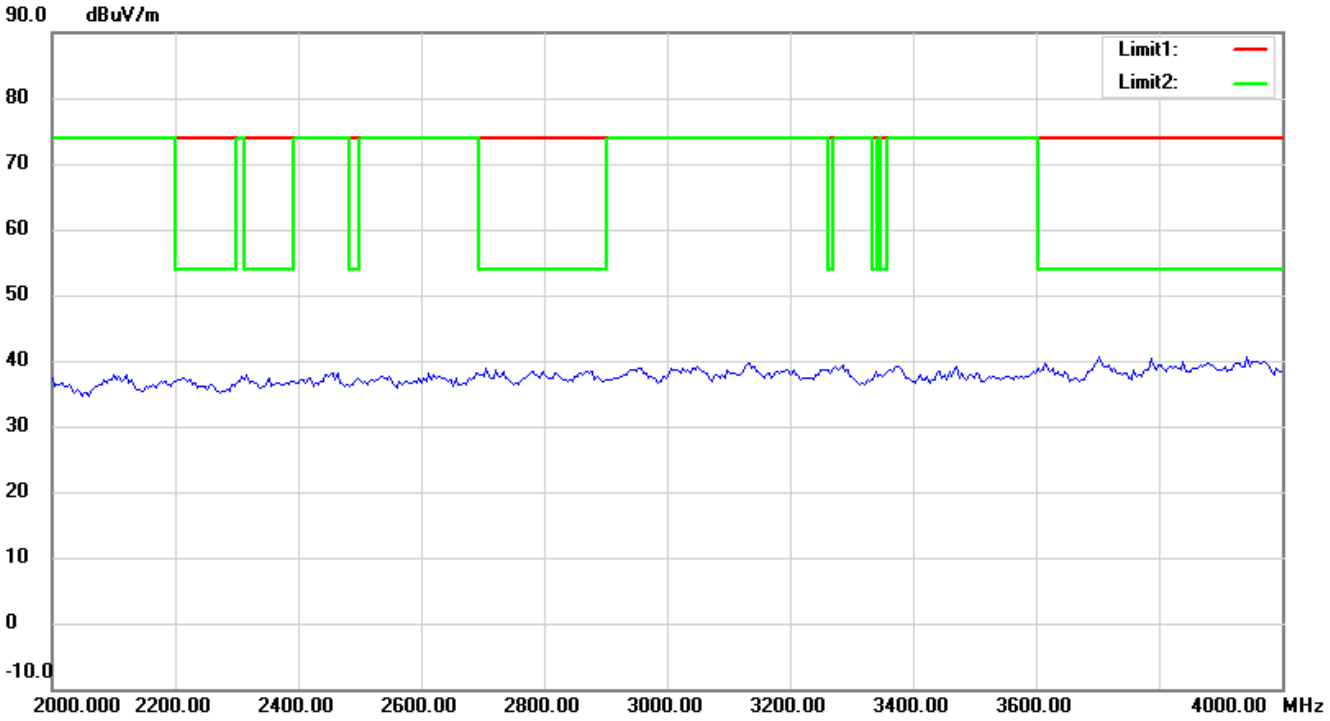

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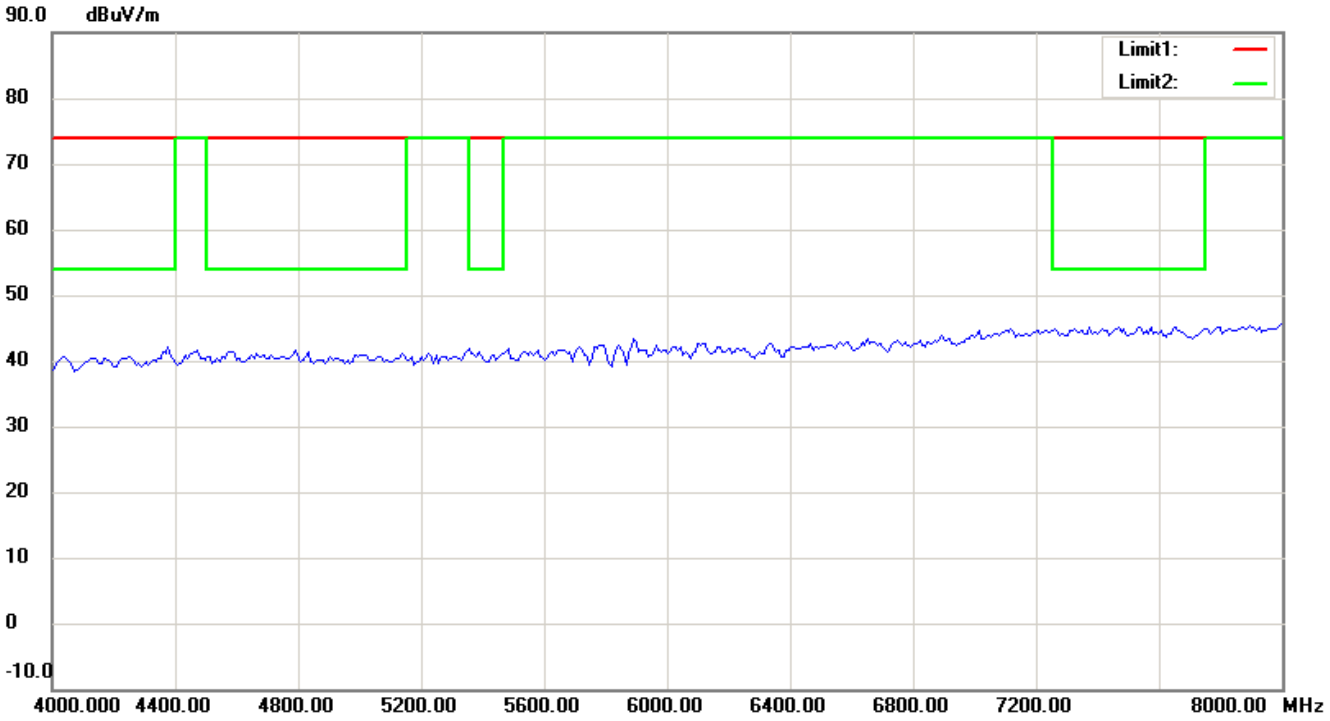

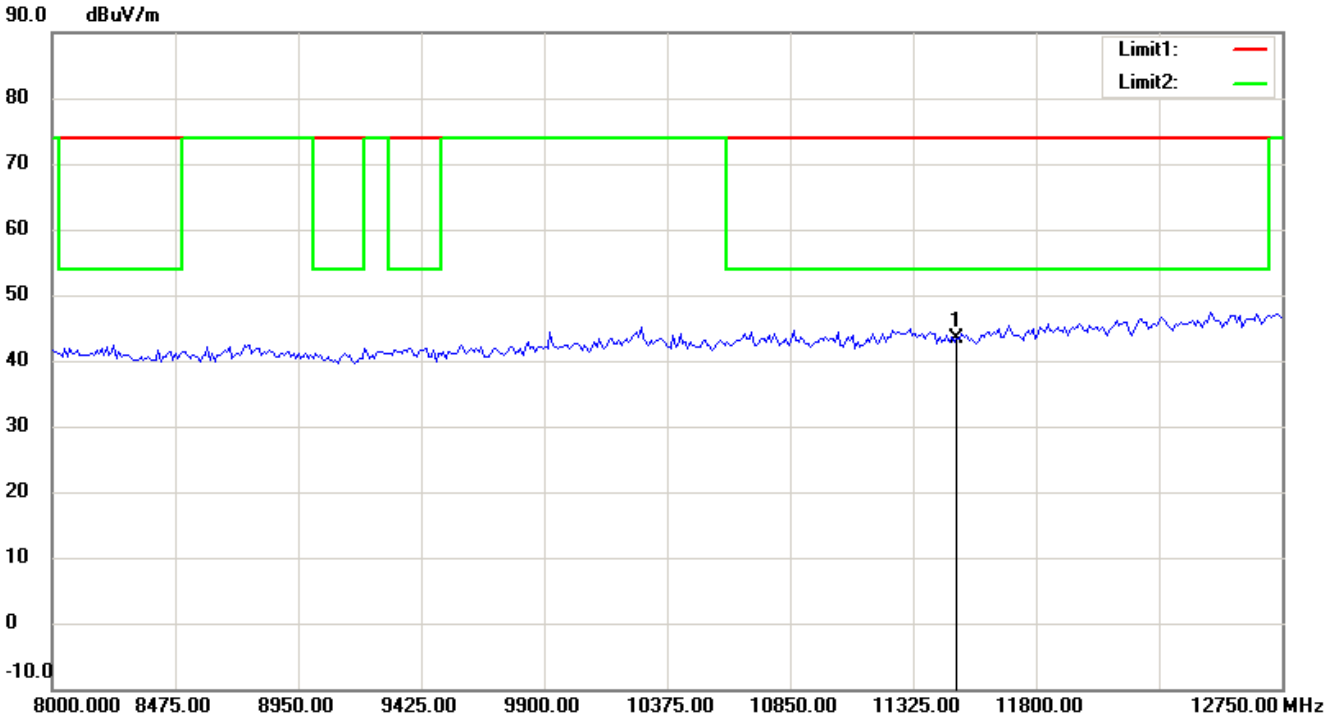

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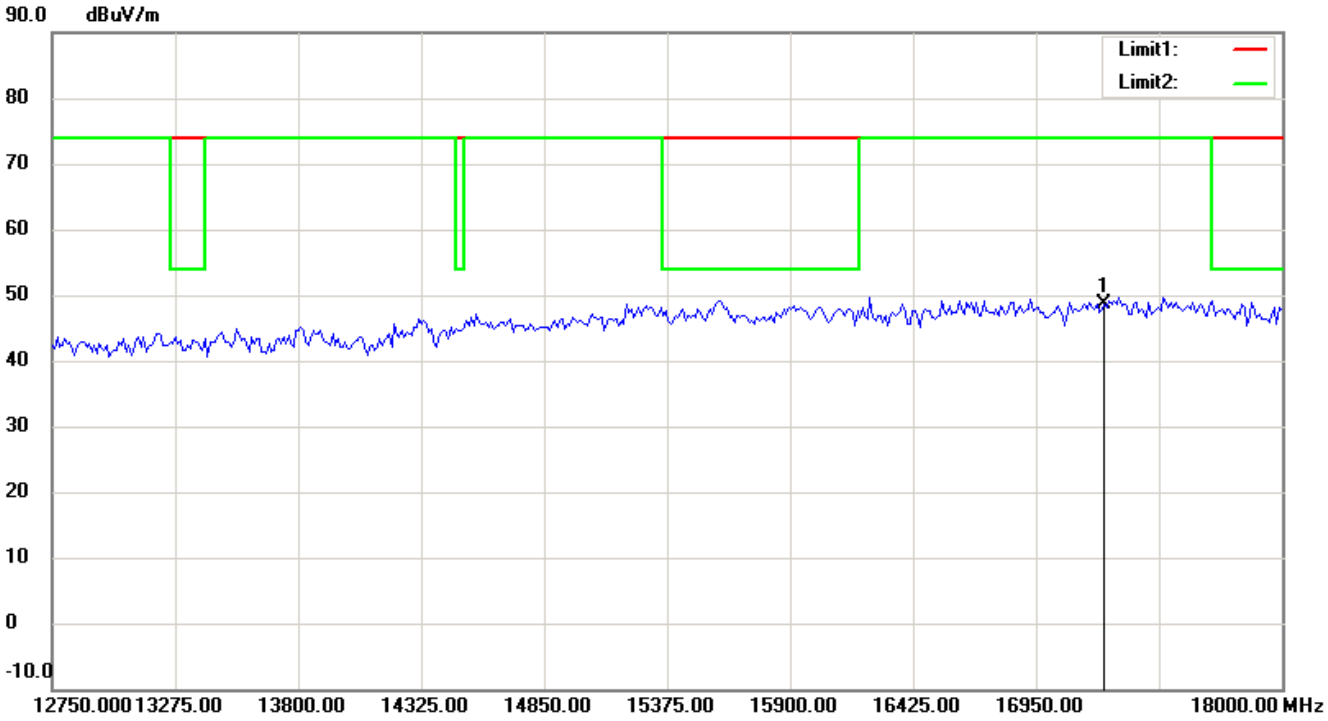

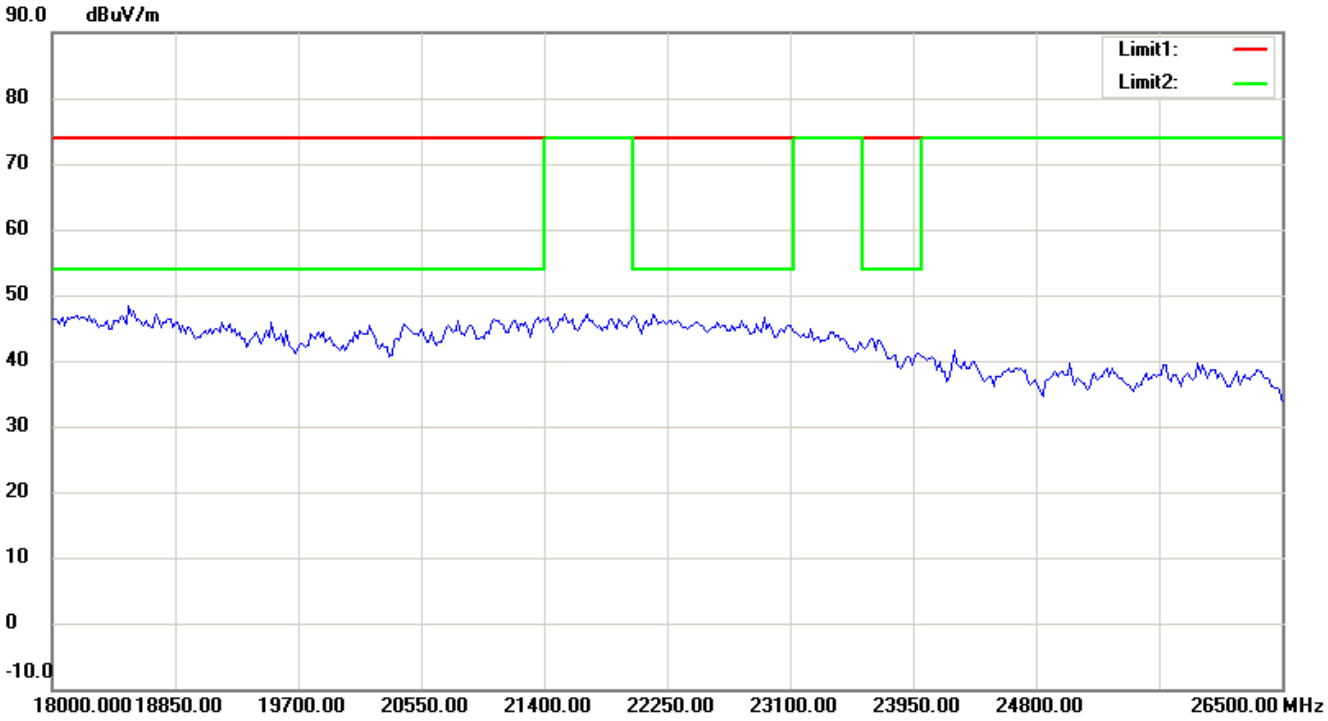

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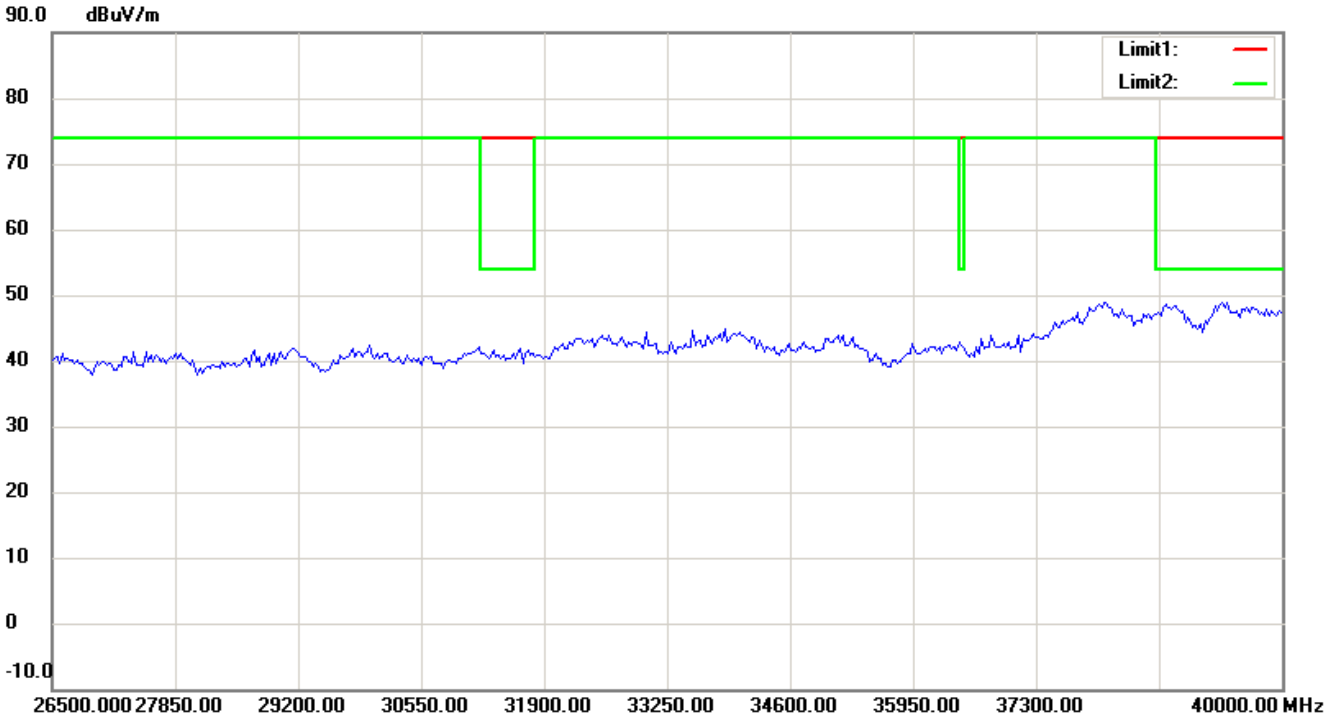
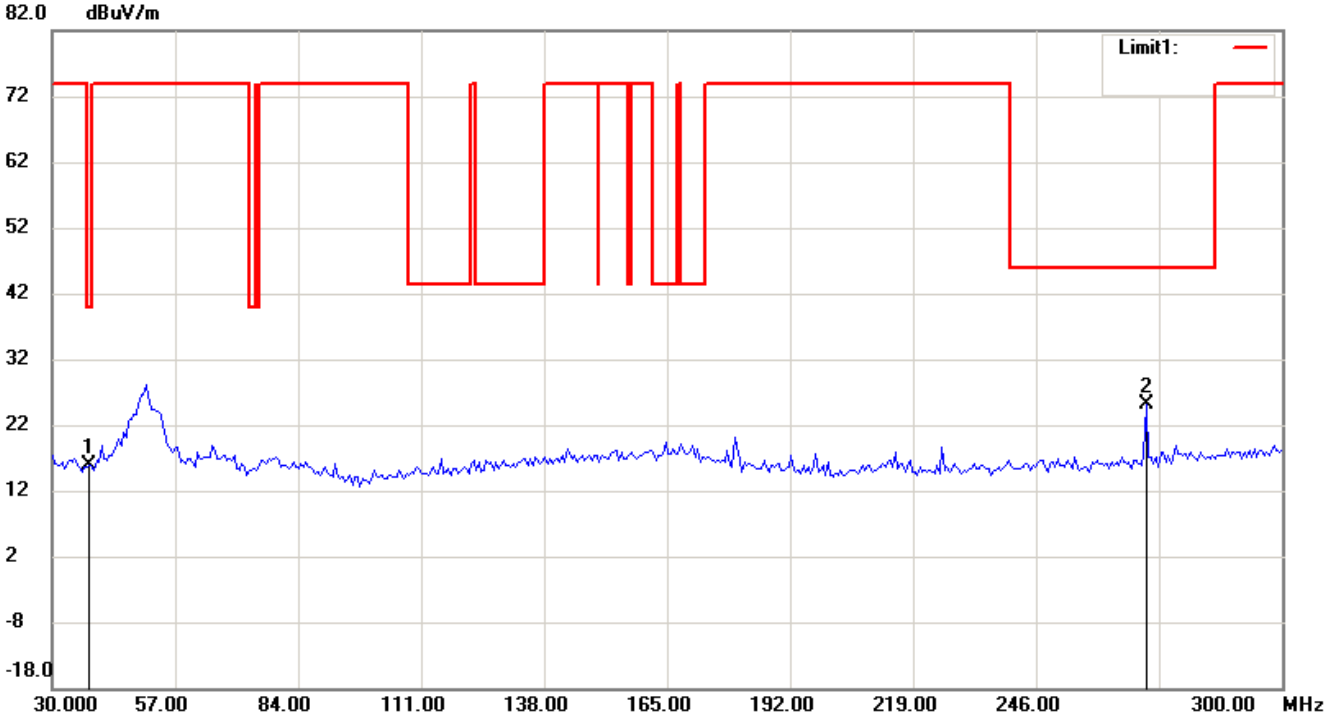


Antenna Polarization V



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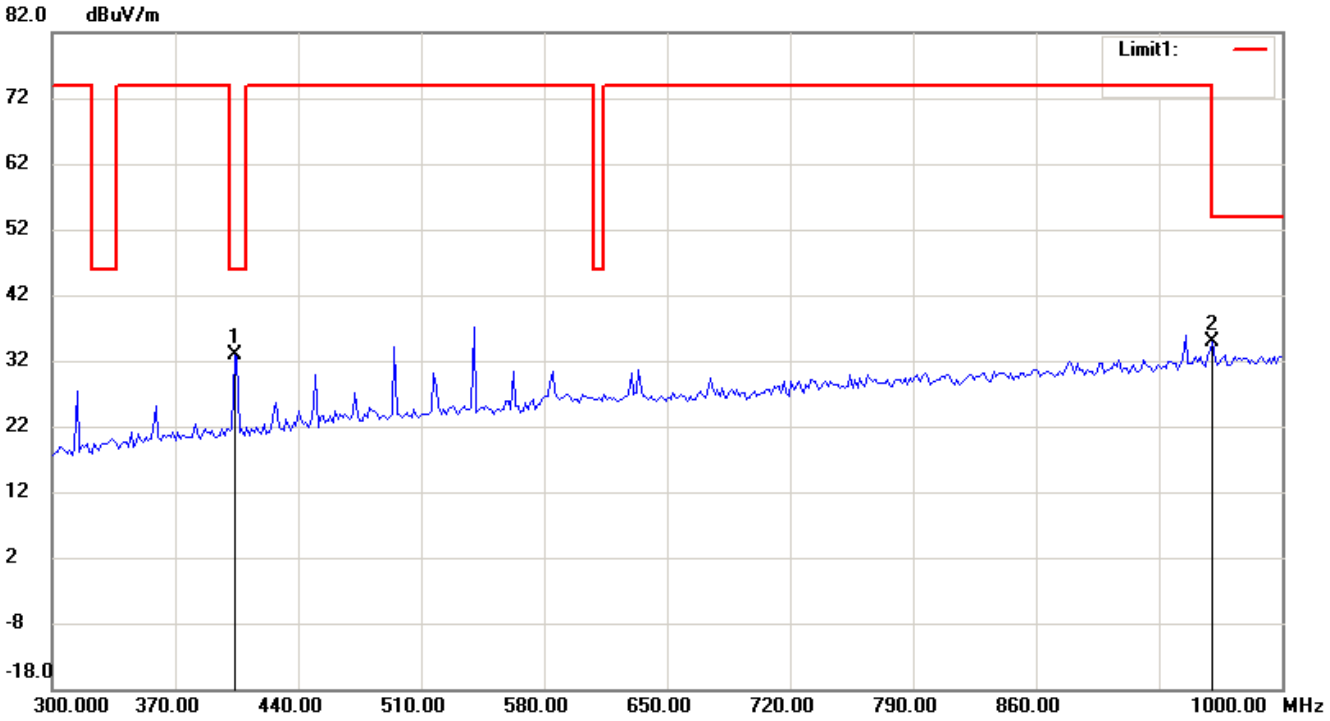

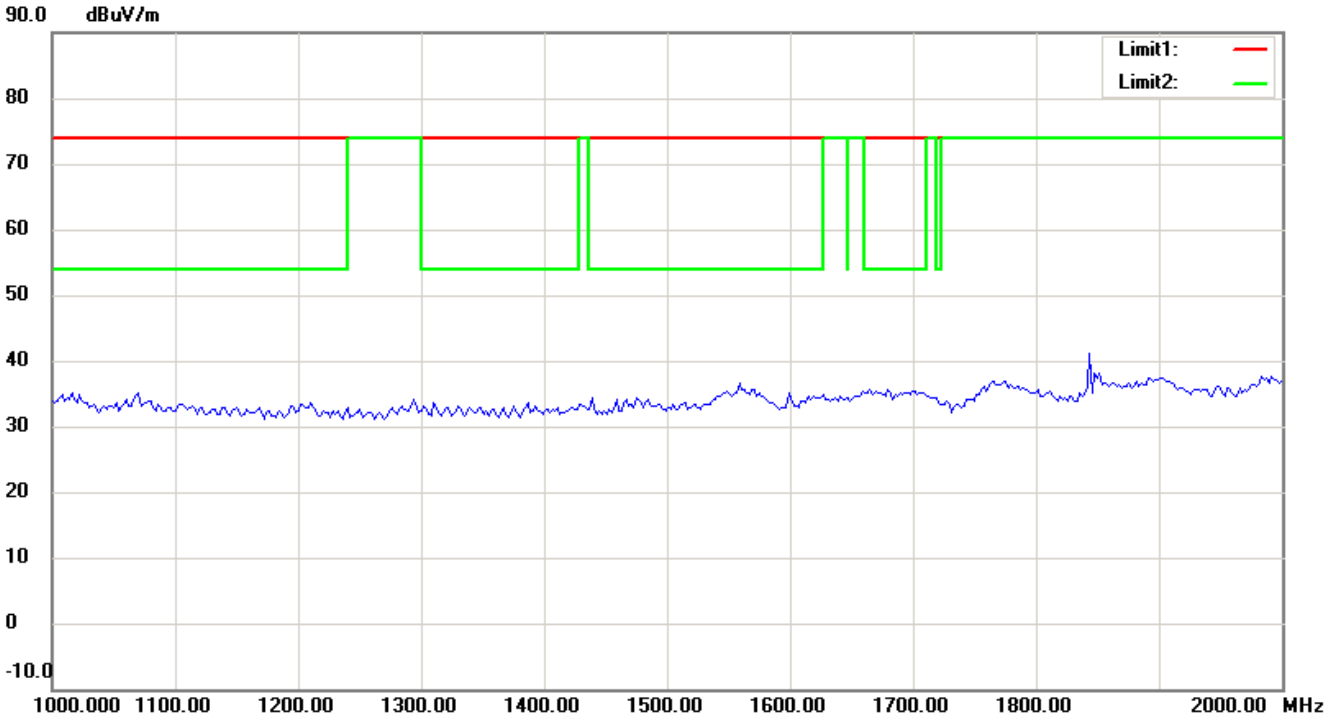

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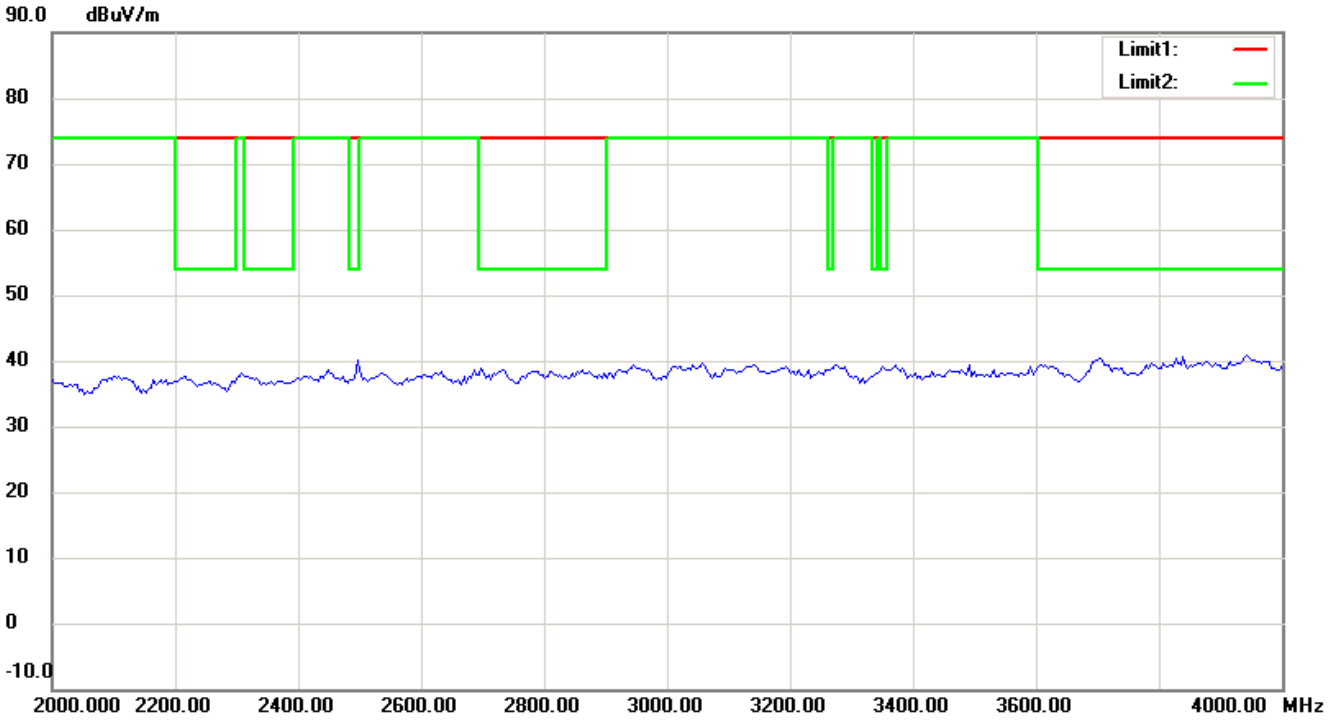

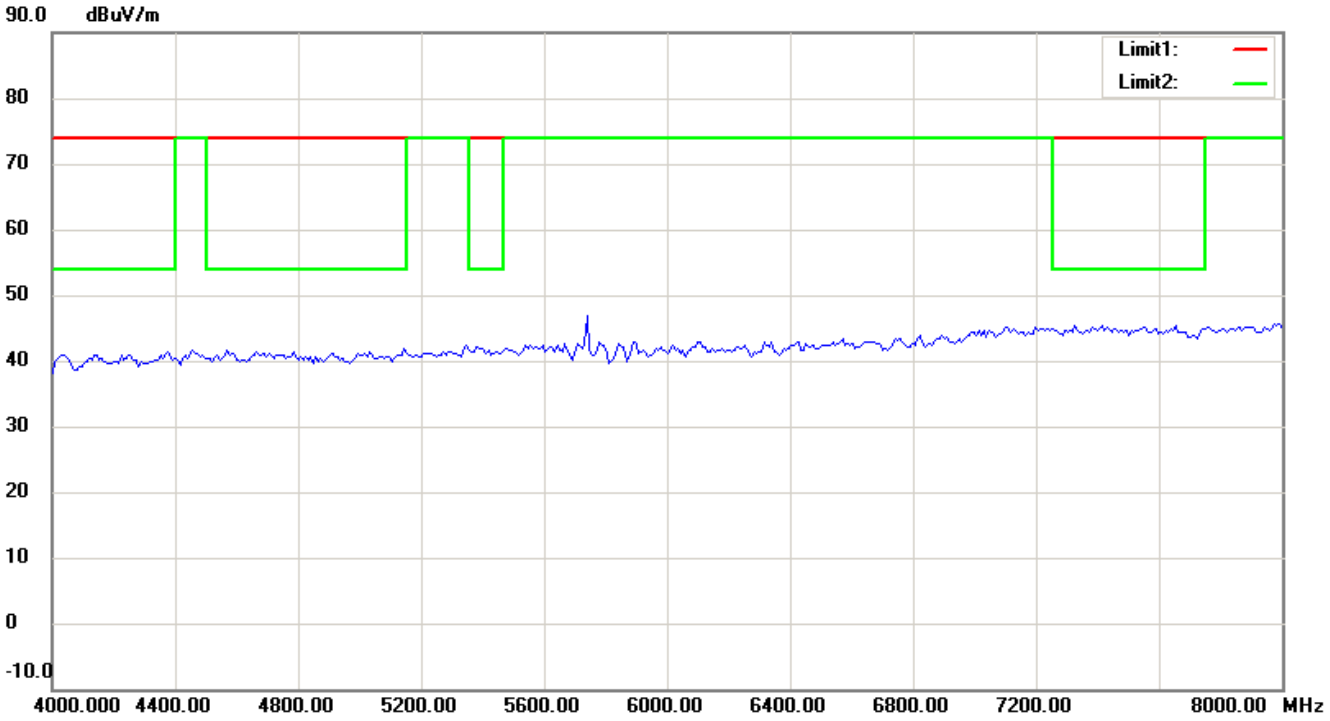

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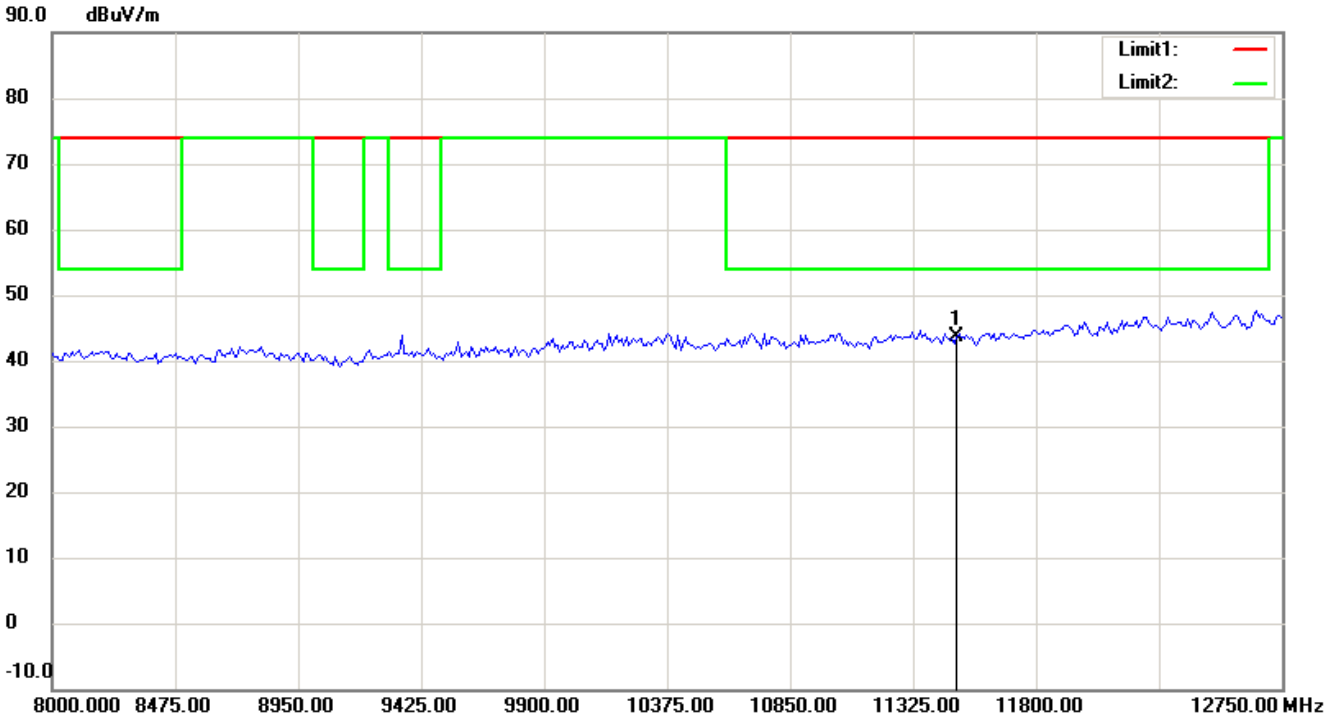

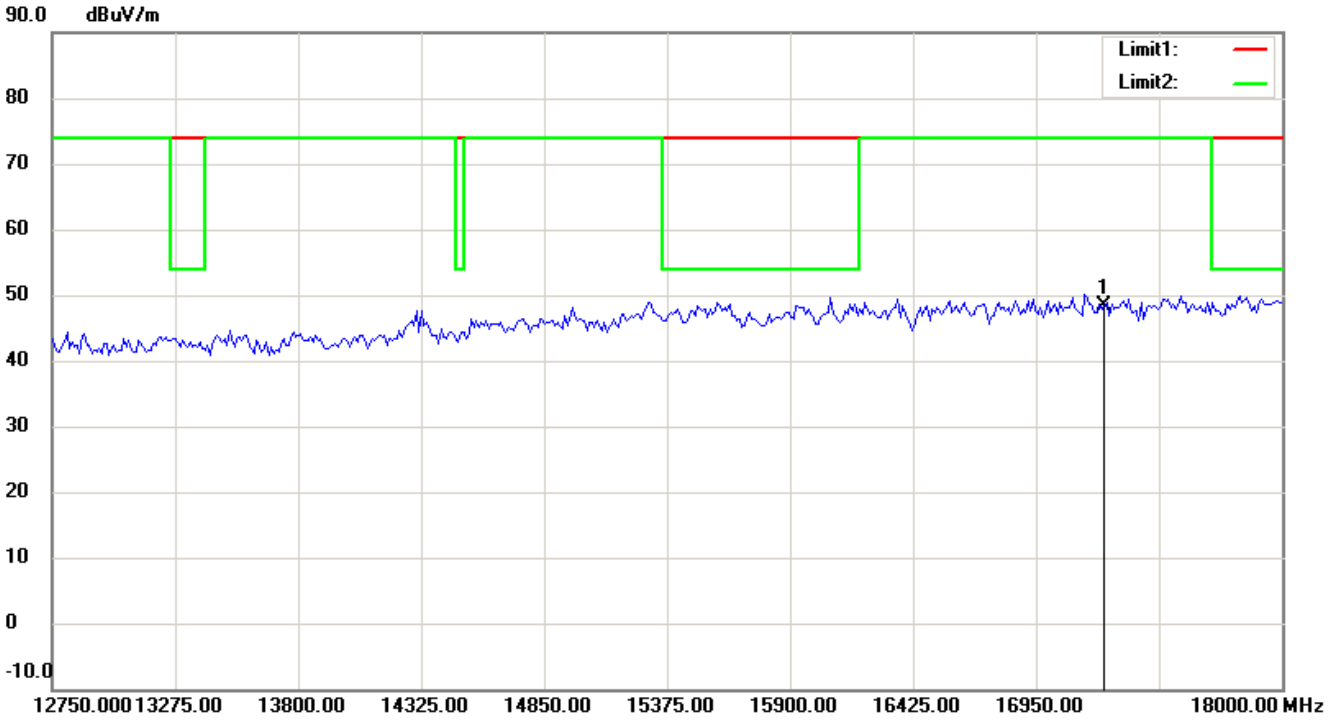

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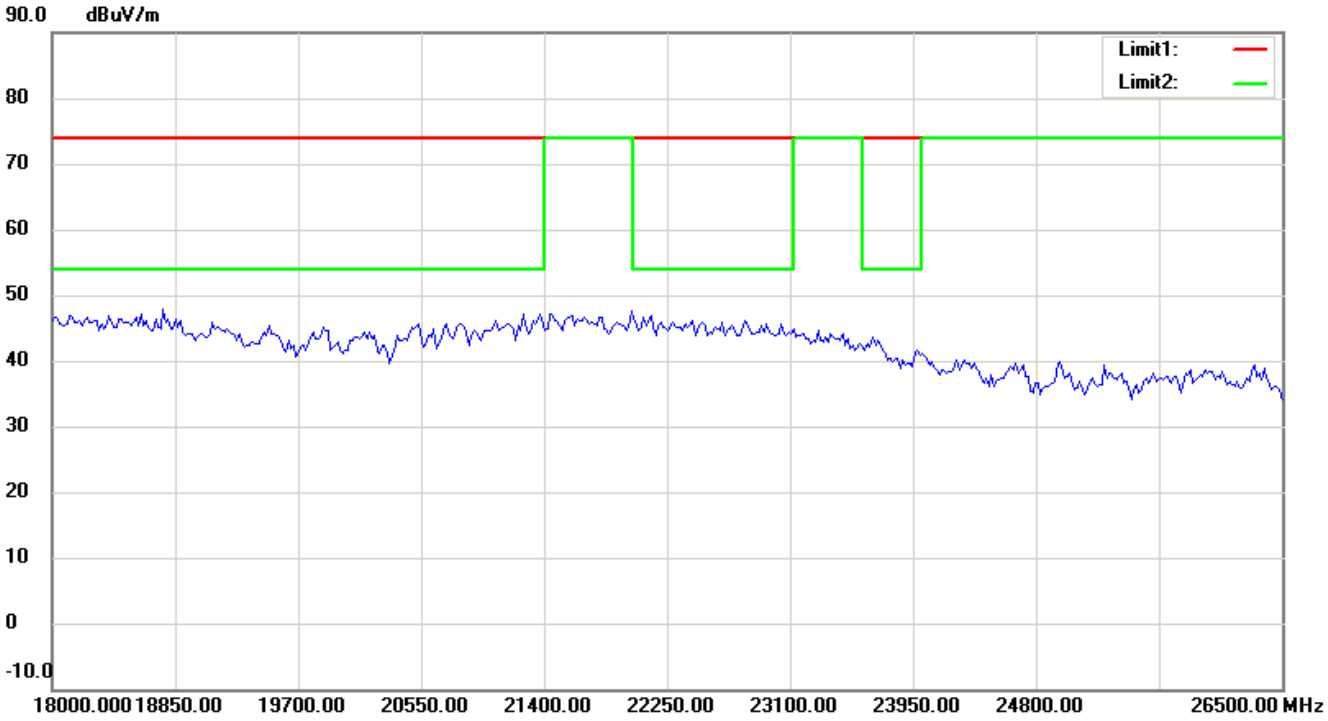
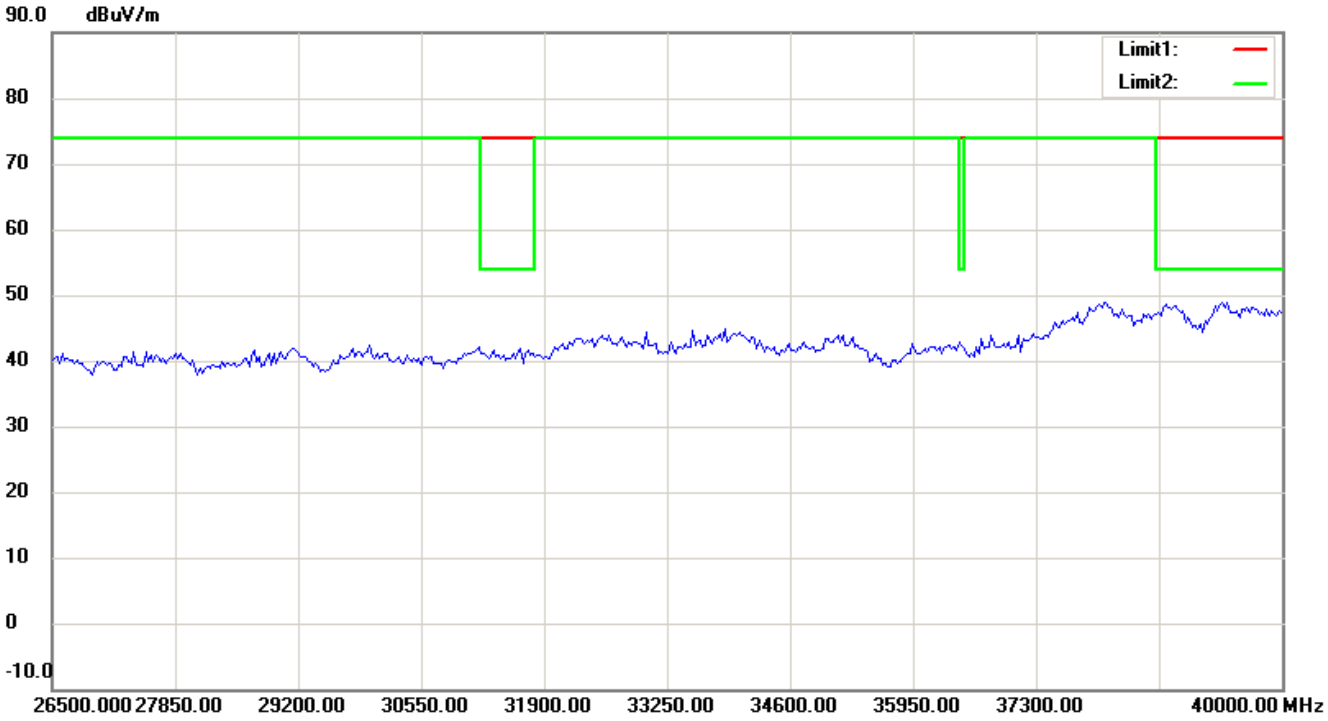
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

1. **The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.**
2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
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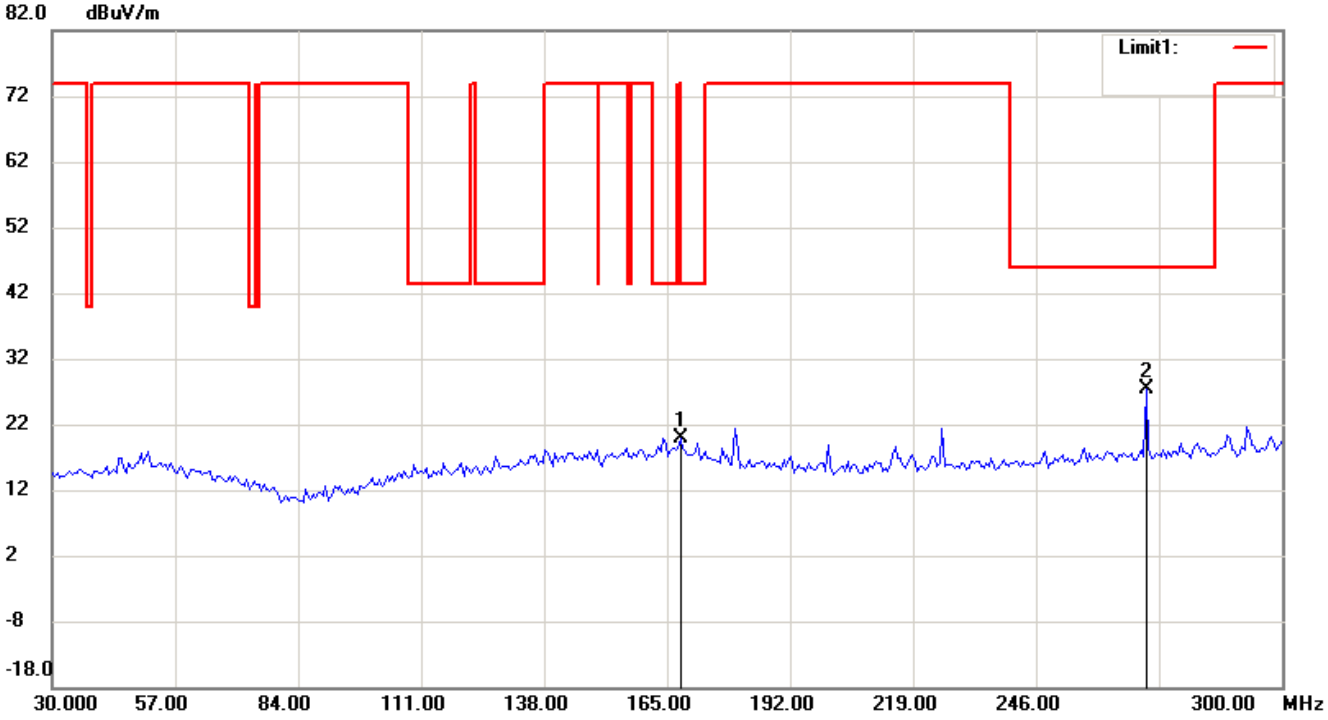
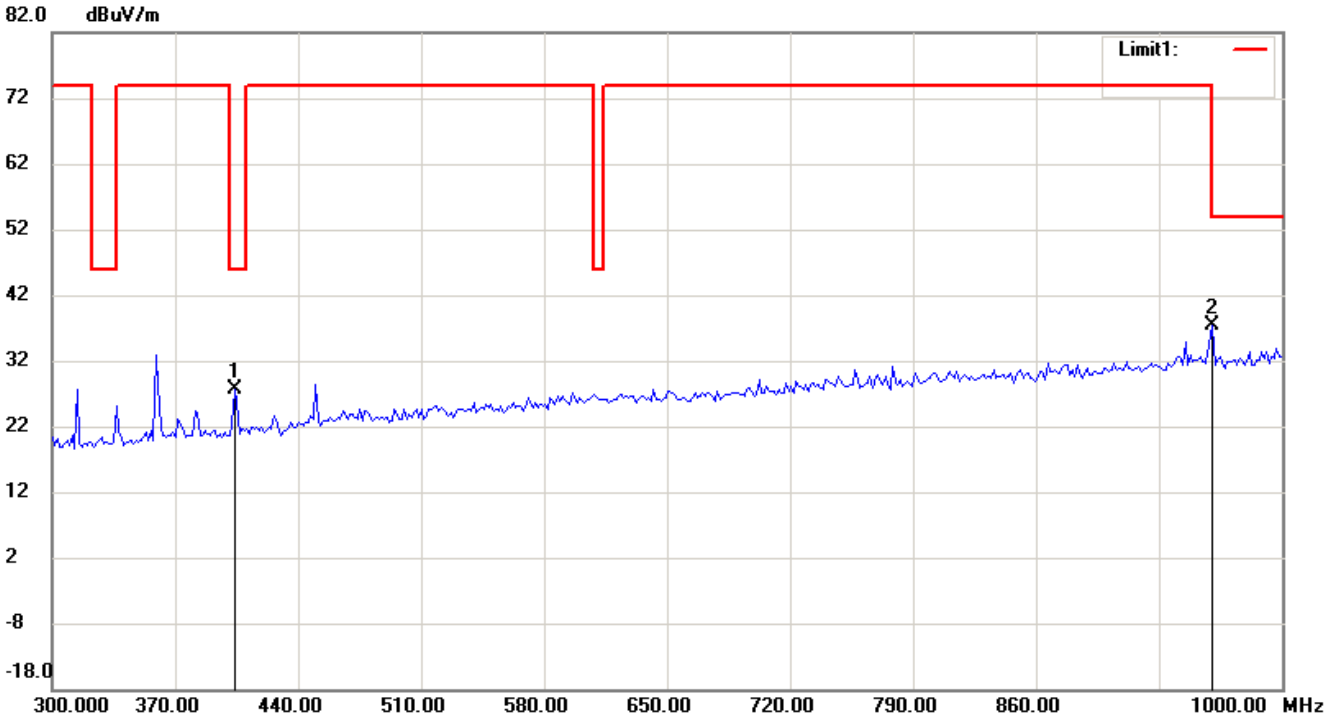
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11n 20M 5785MHz
Antenna Polarization H





Up Line: Peak Limit Line Down Line: Ave Limit Line
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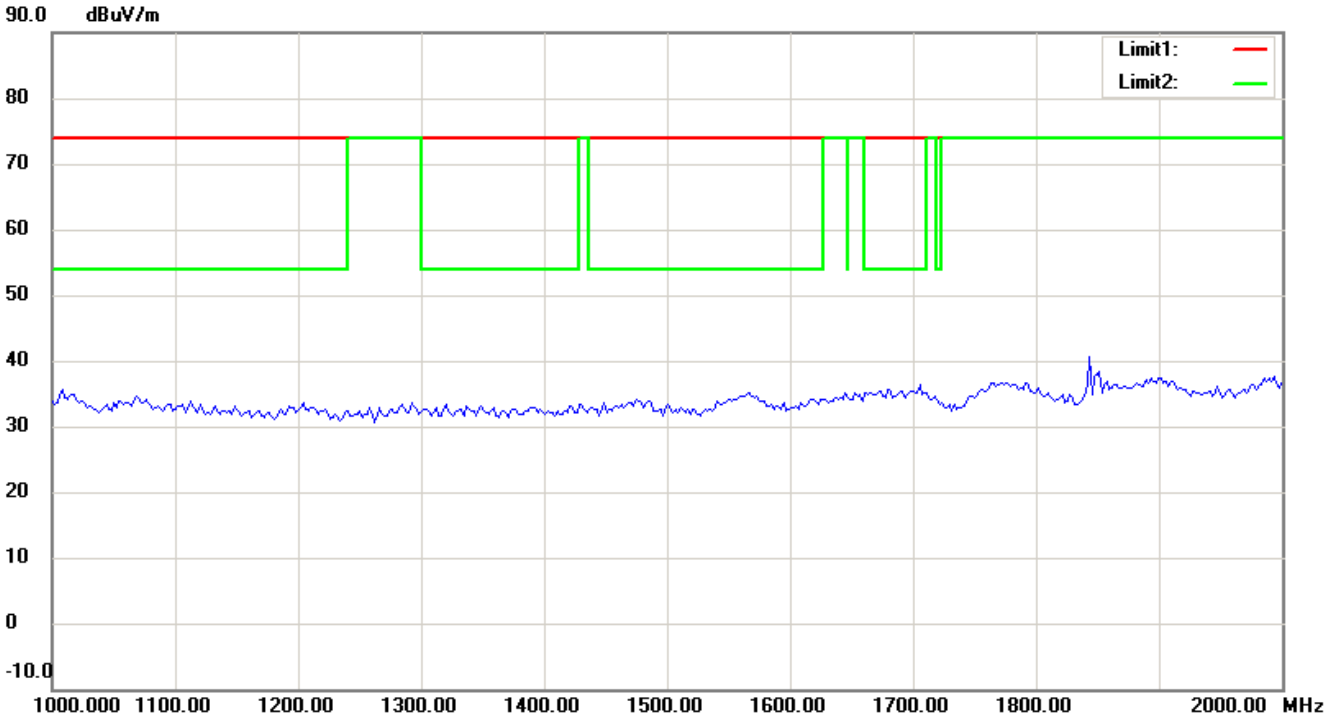
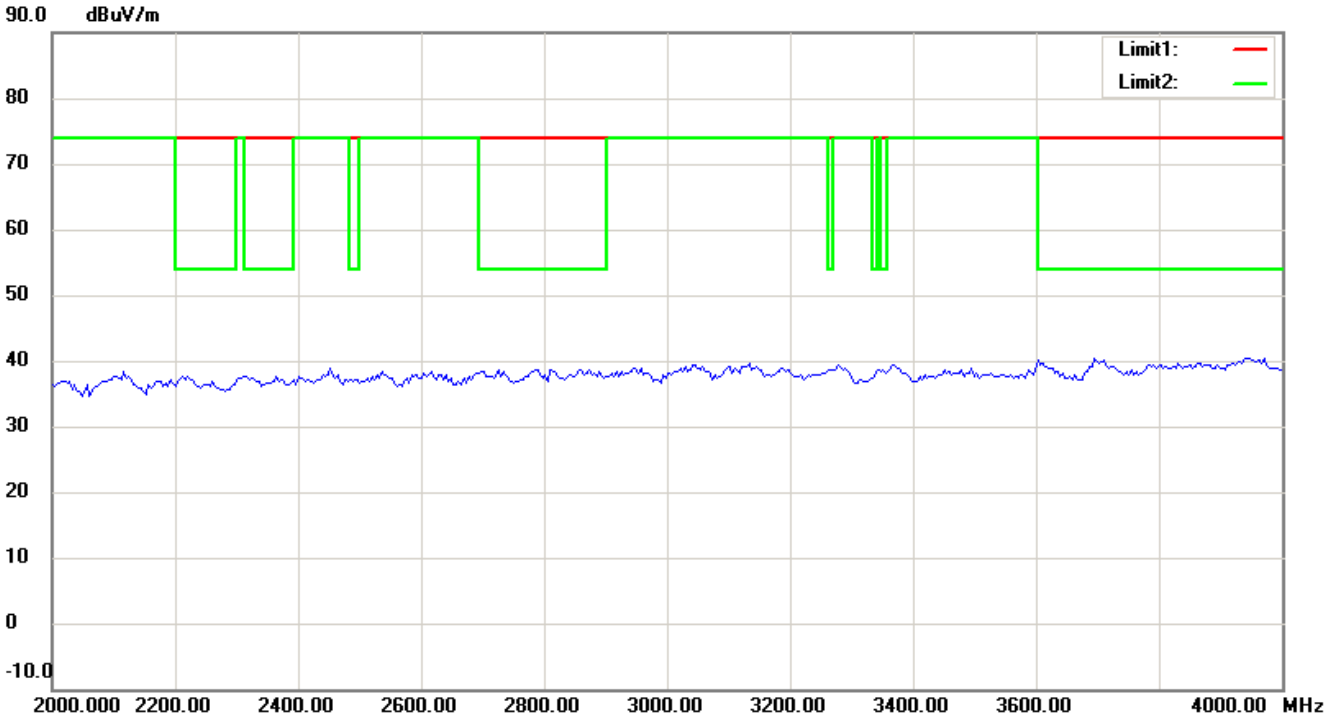
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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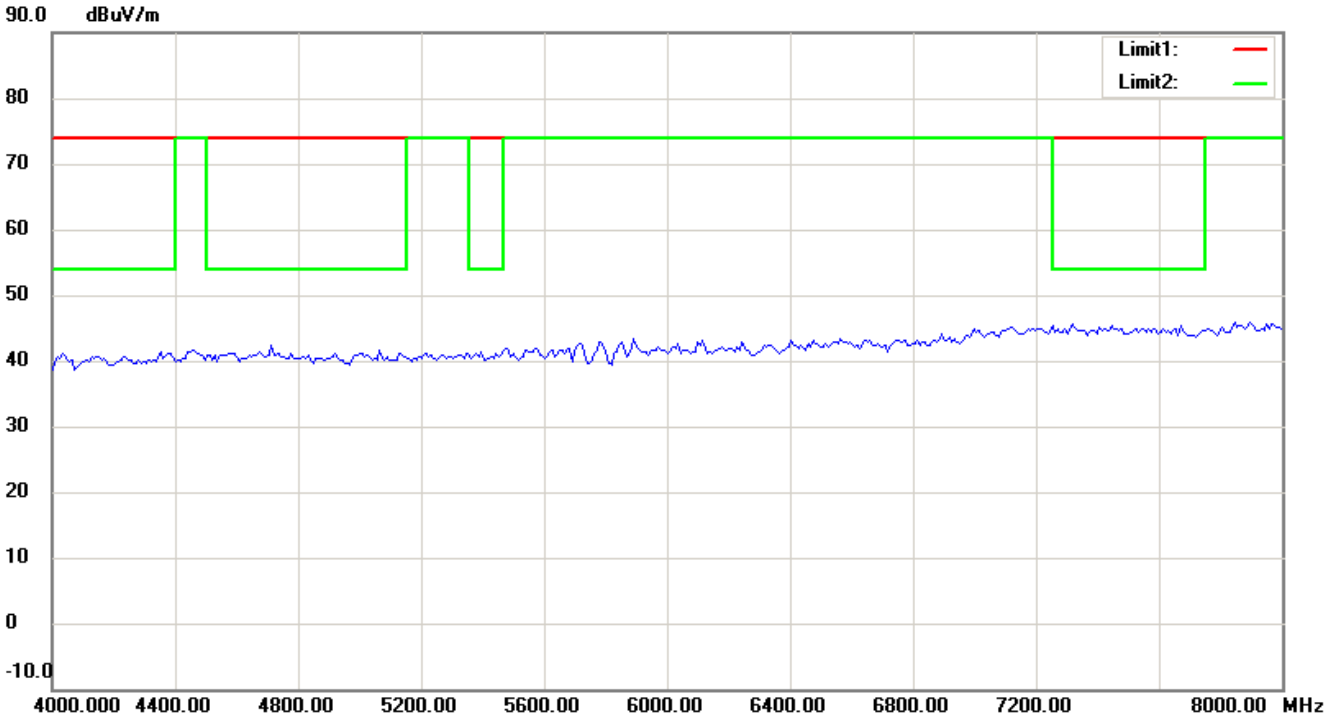
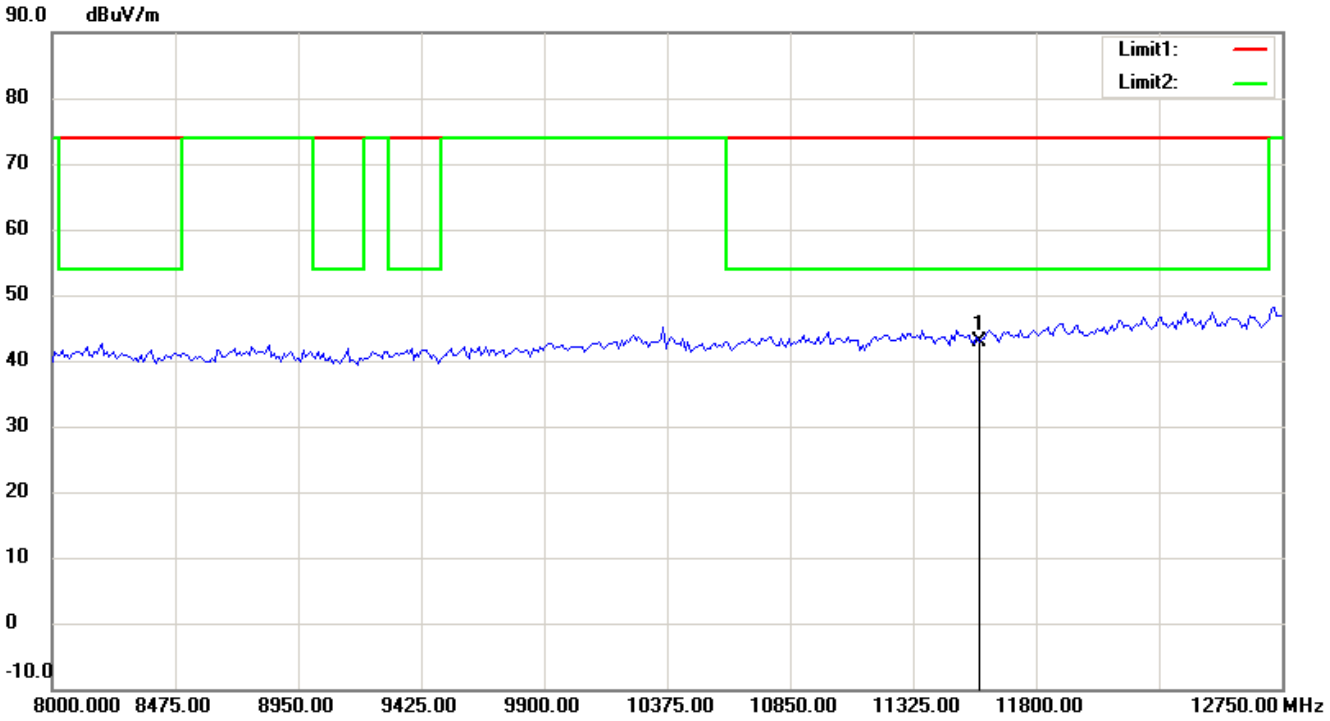
FCC ID: IR5DT6





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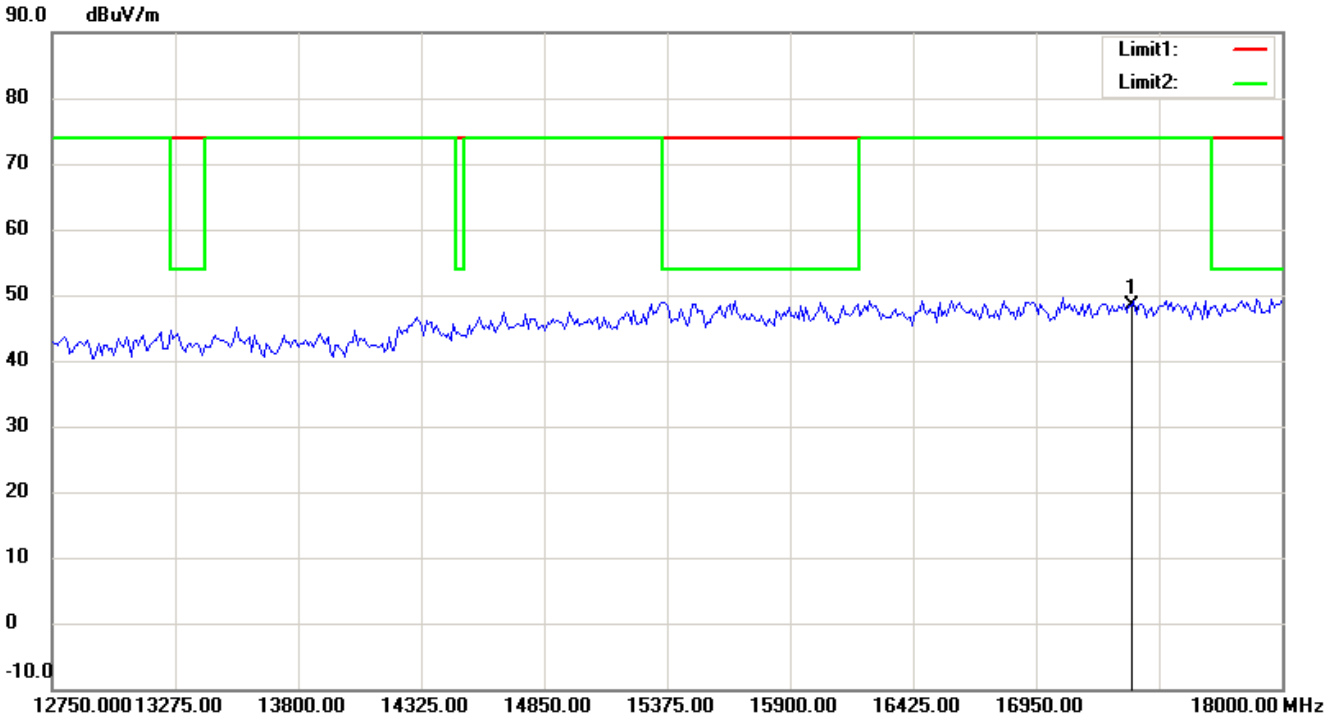
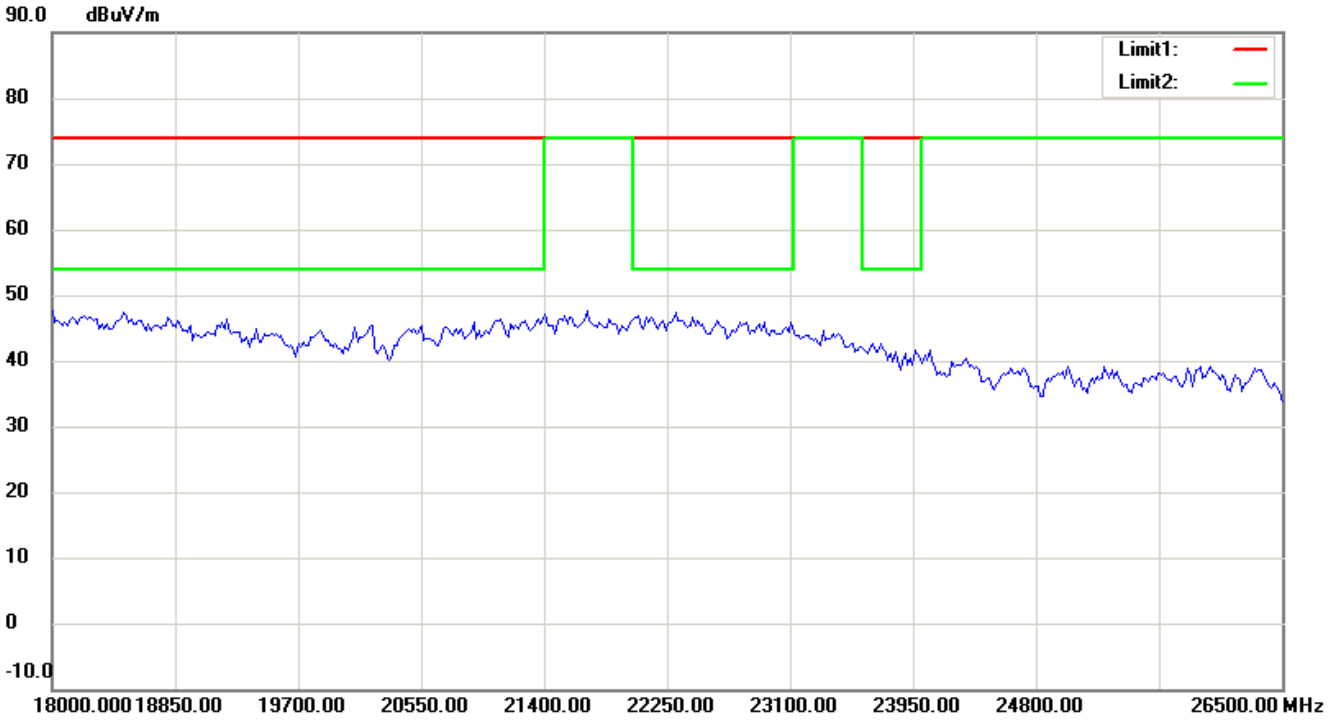
FCC ID: IR5DT6





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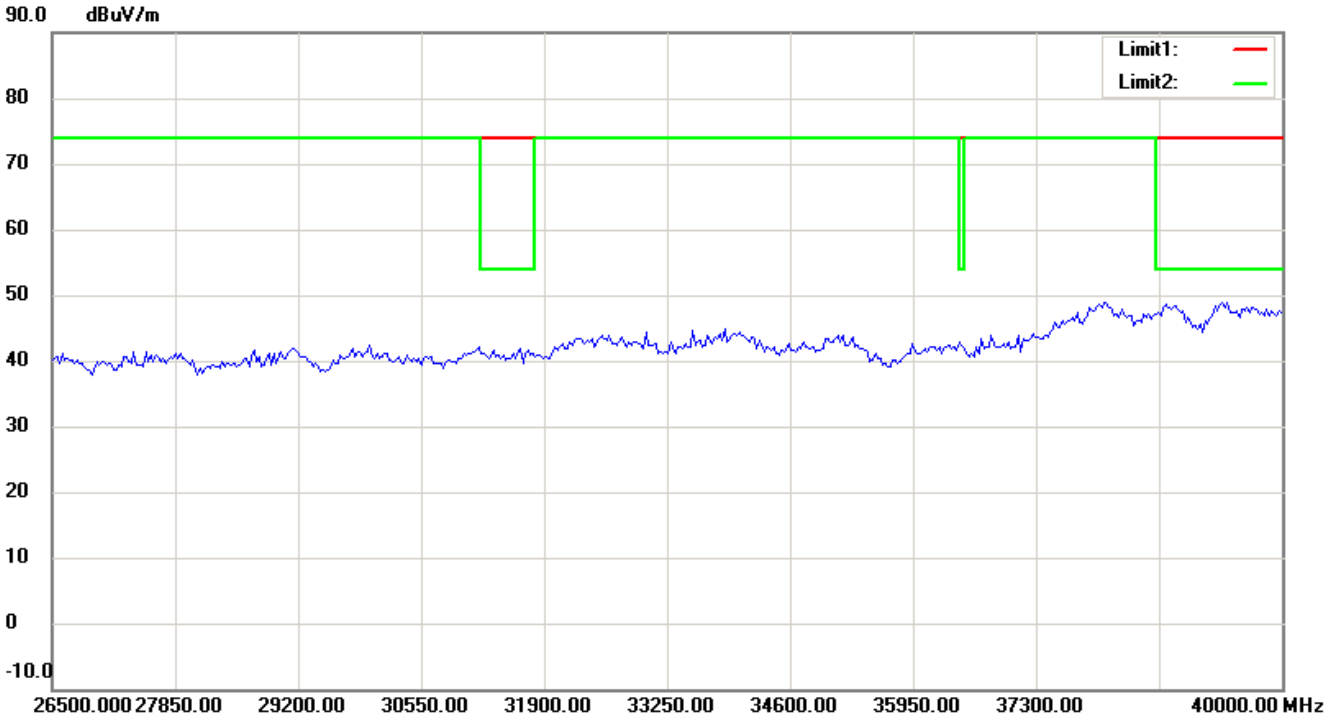
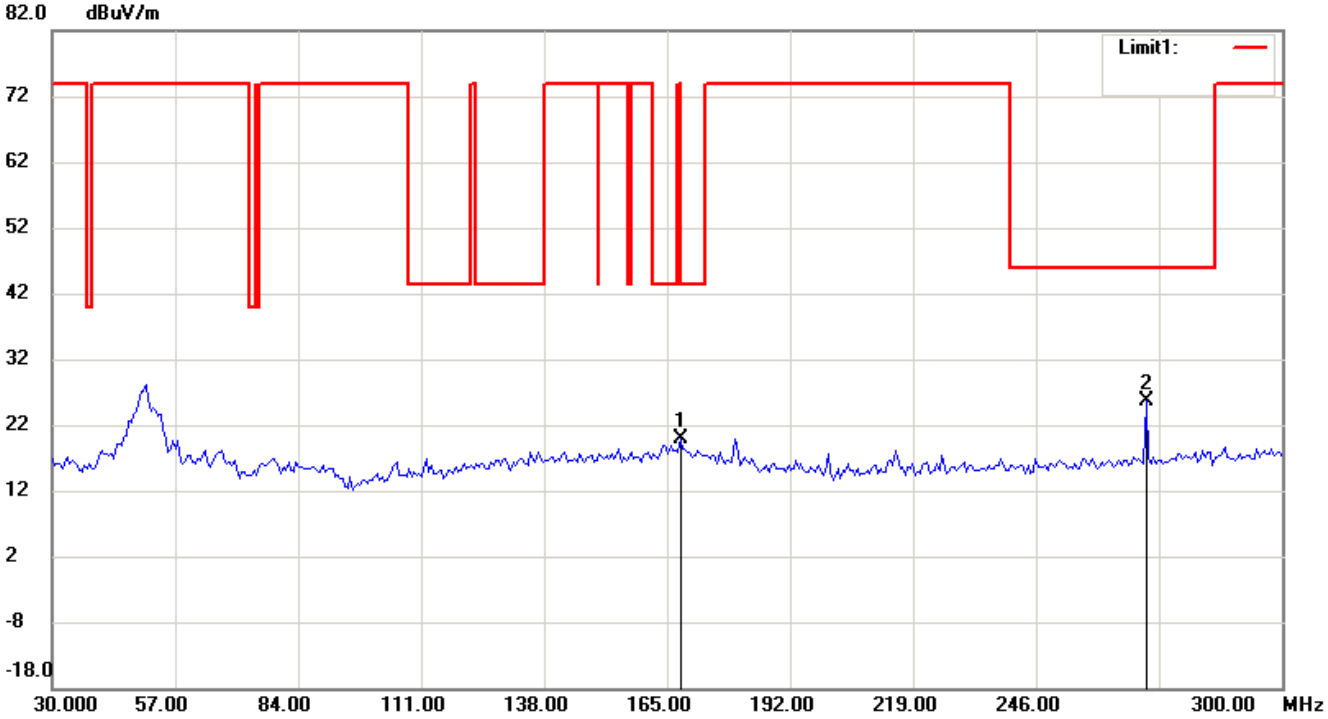


Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
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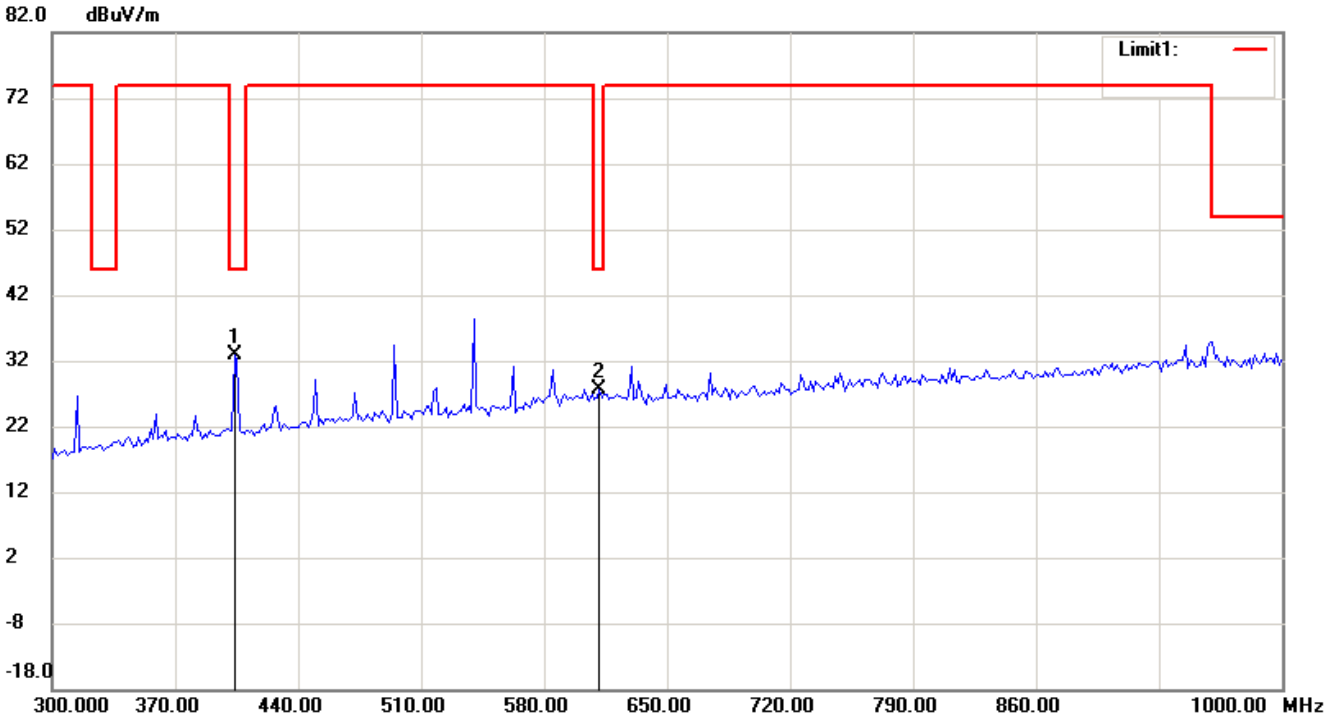
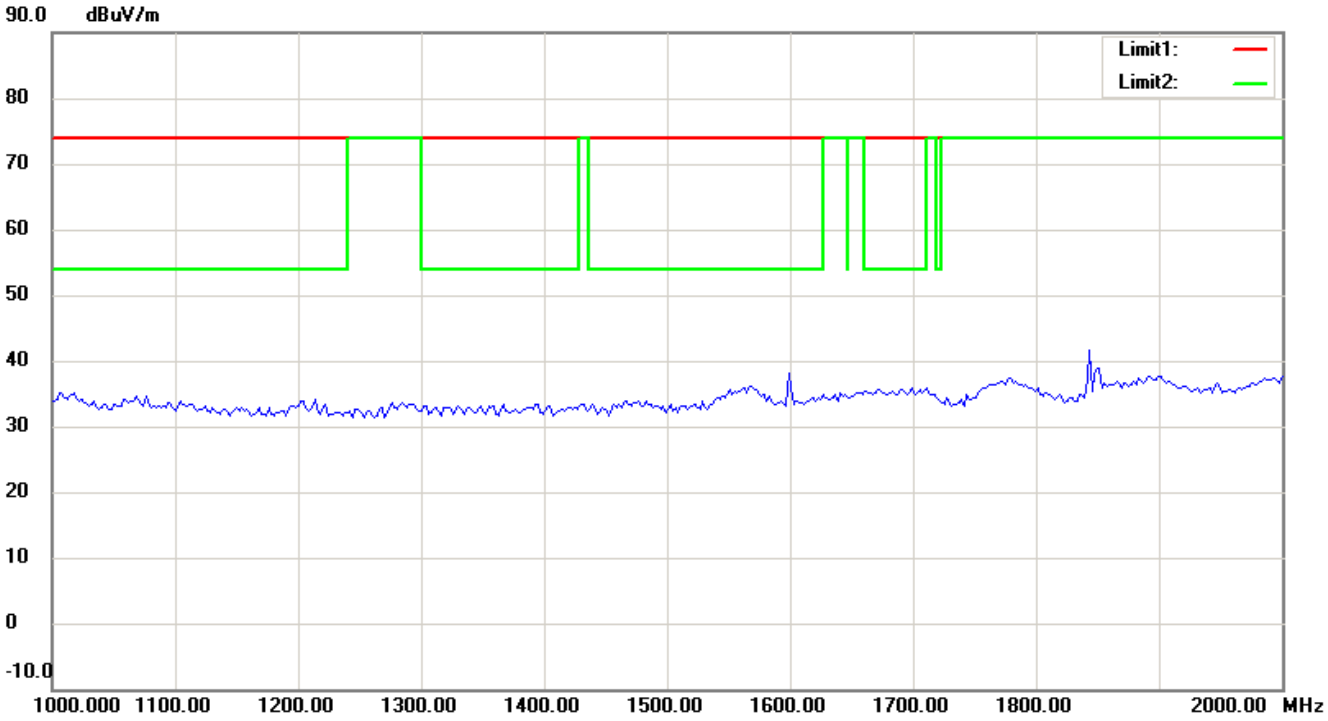
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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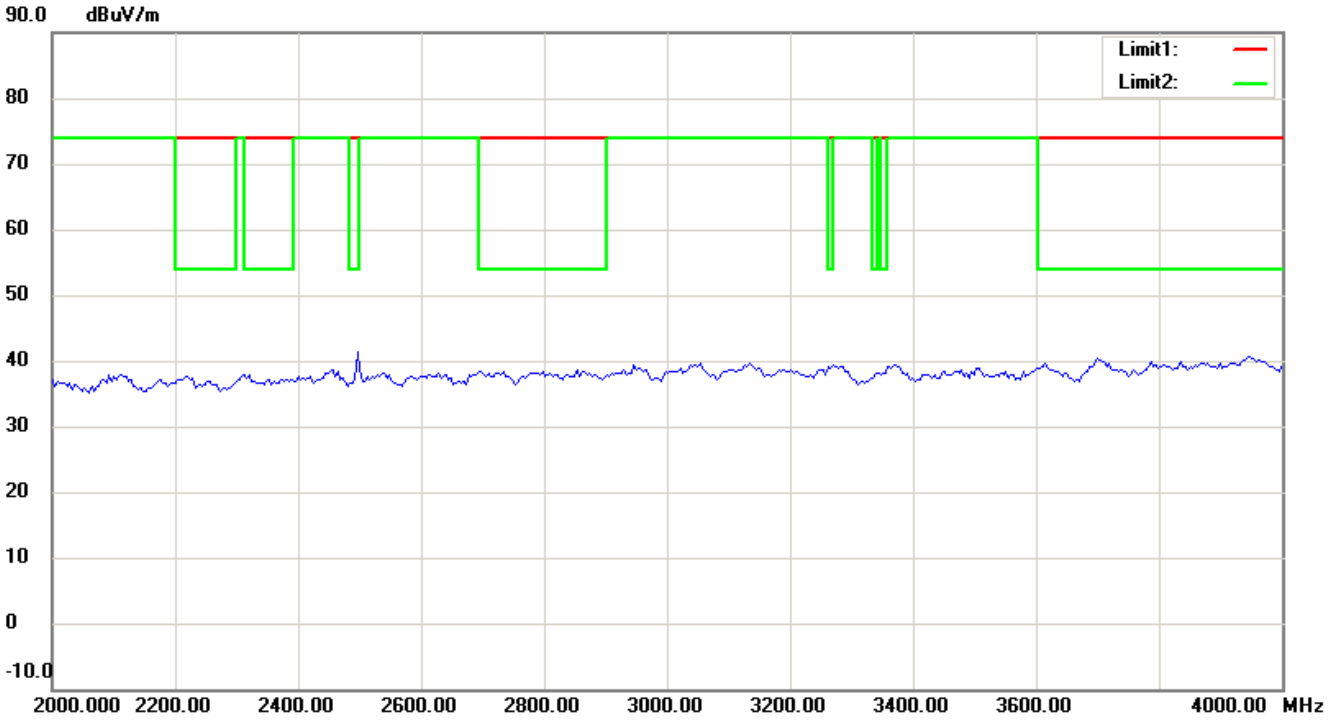
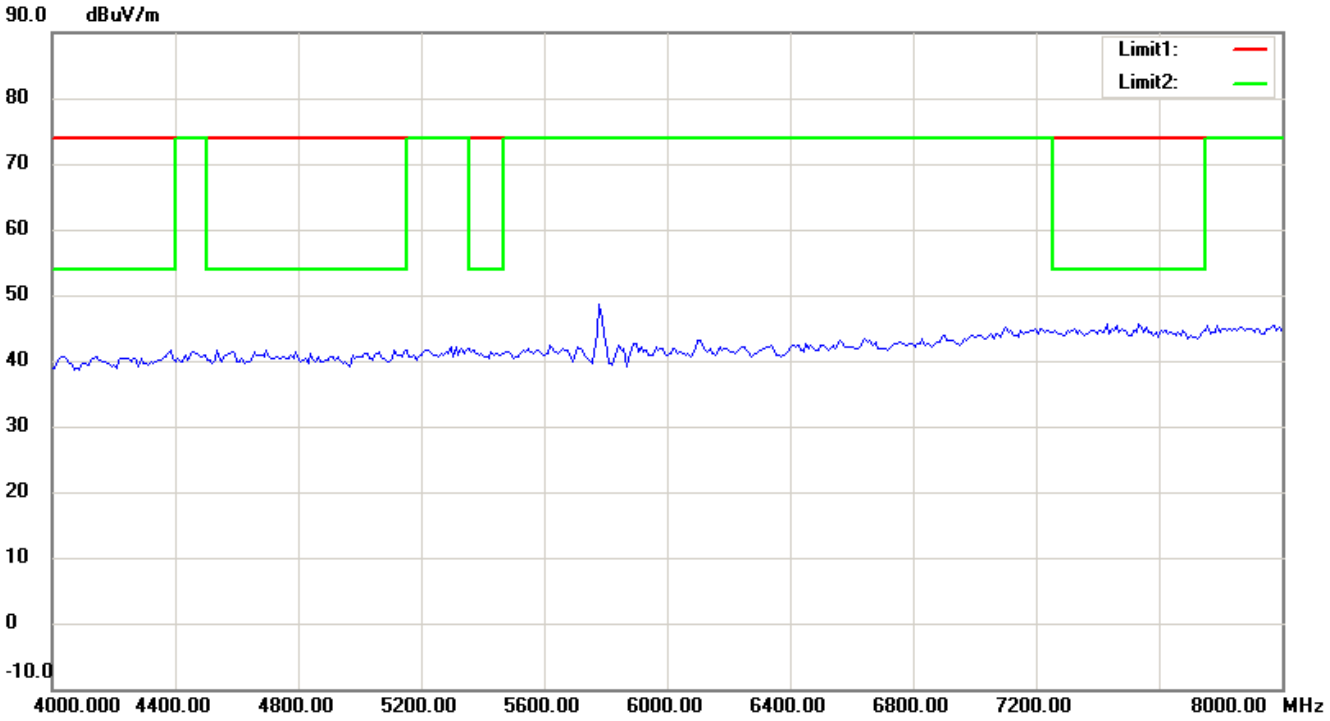
FCC ID: IR5DT6





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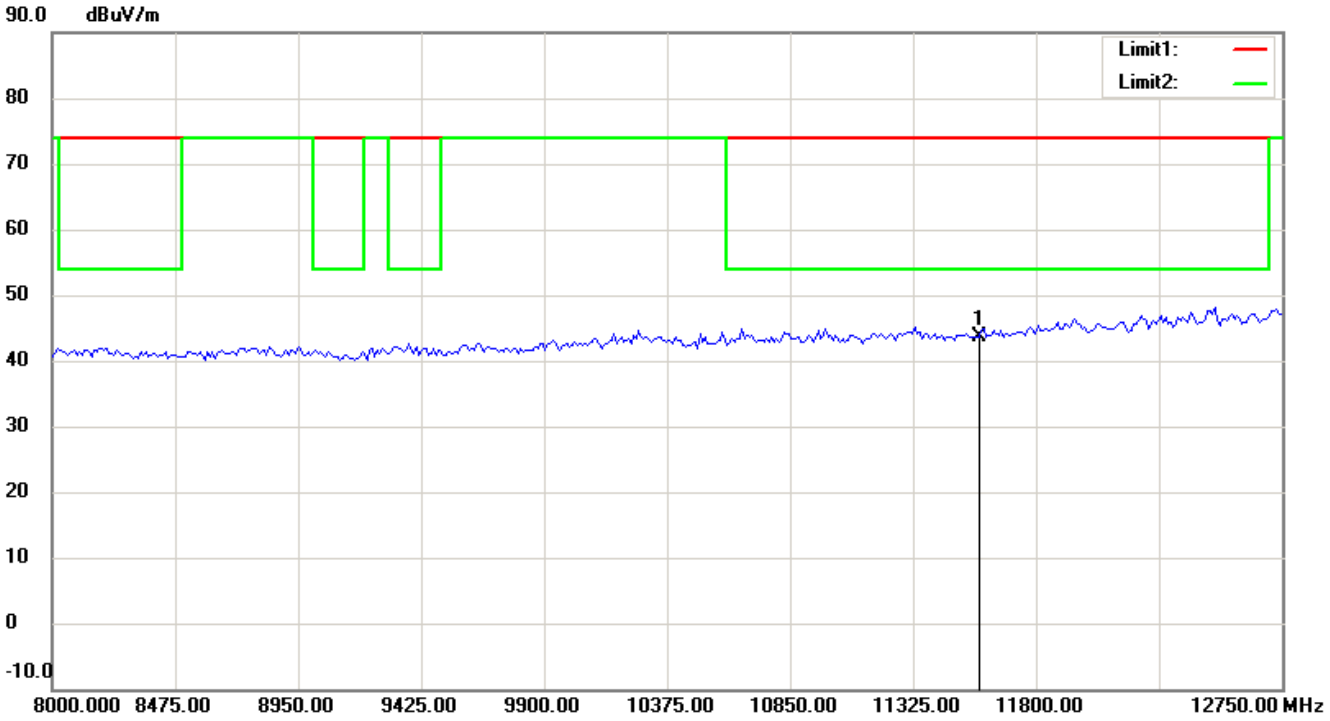
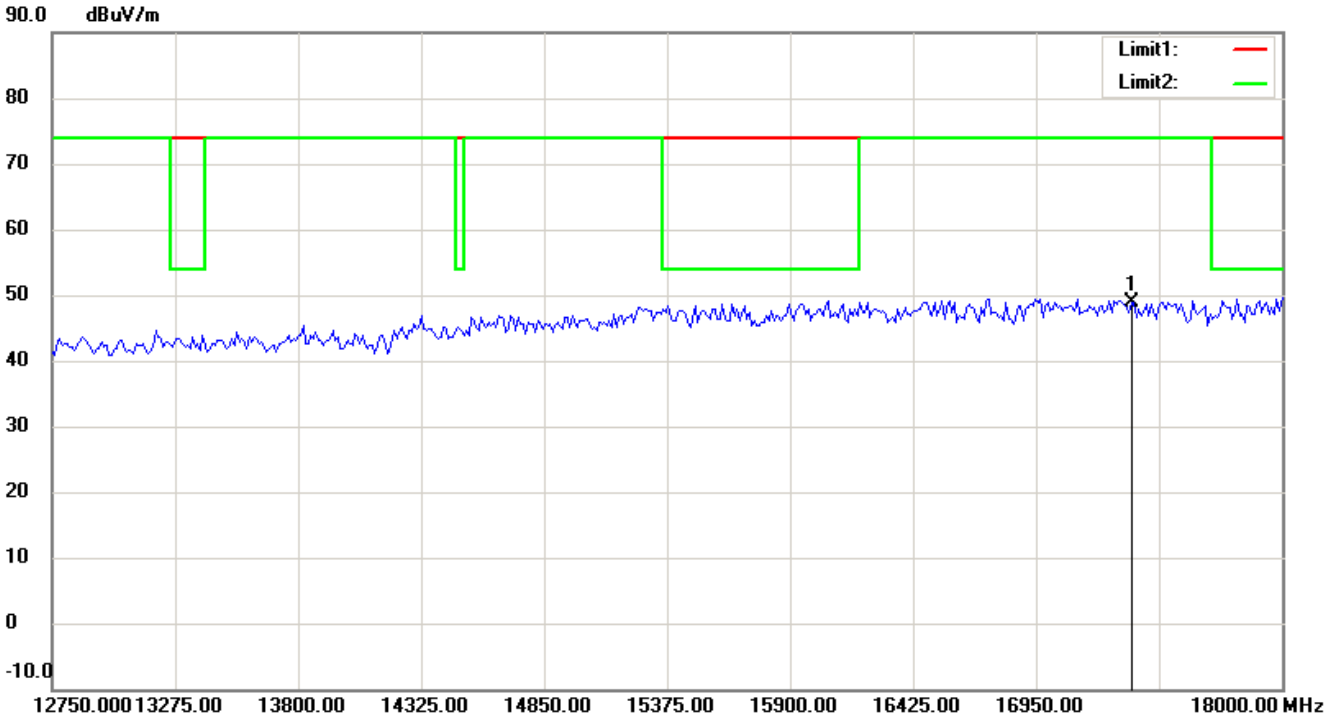
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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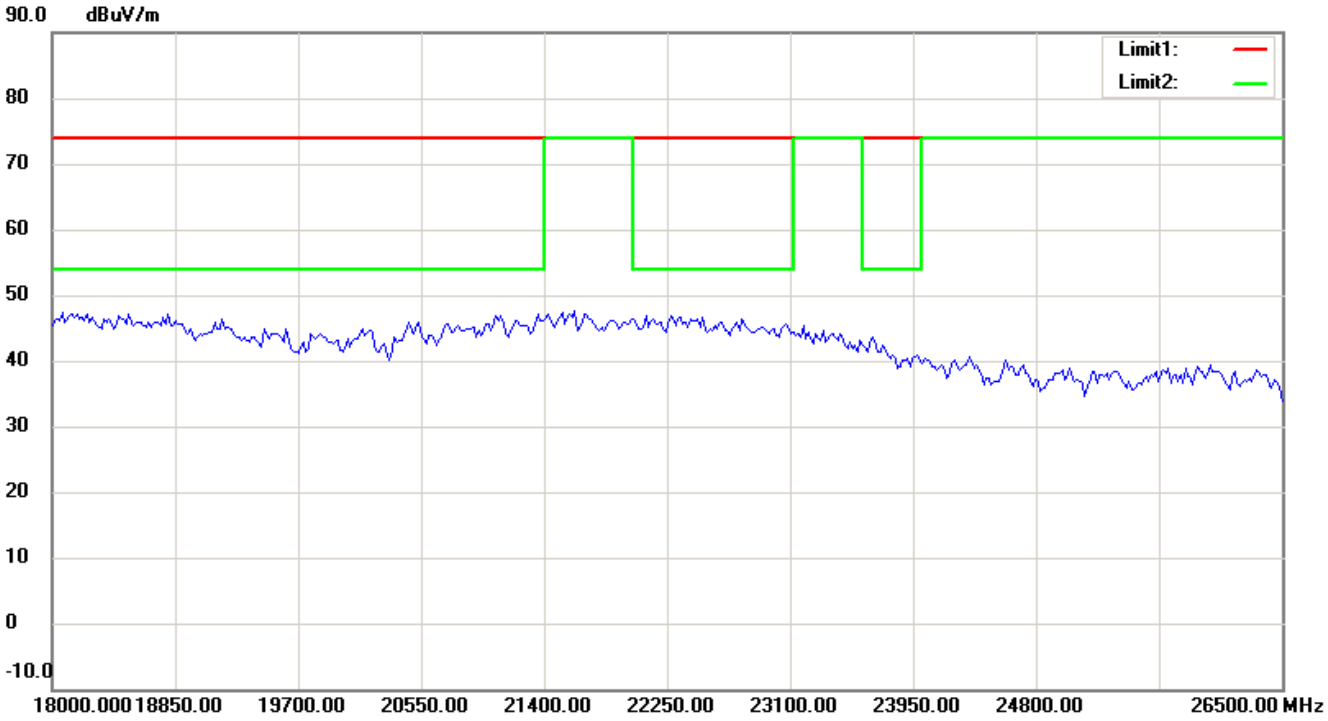
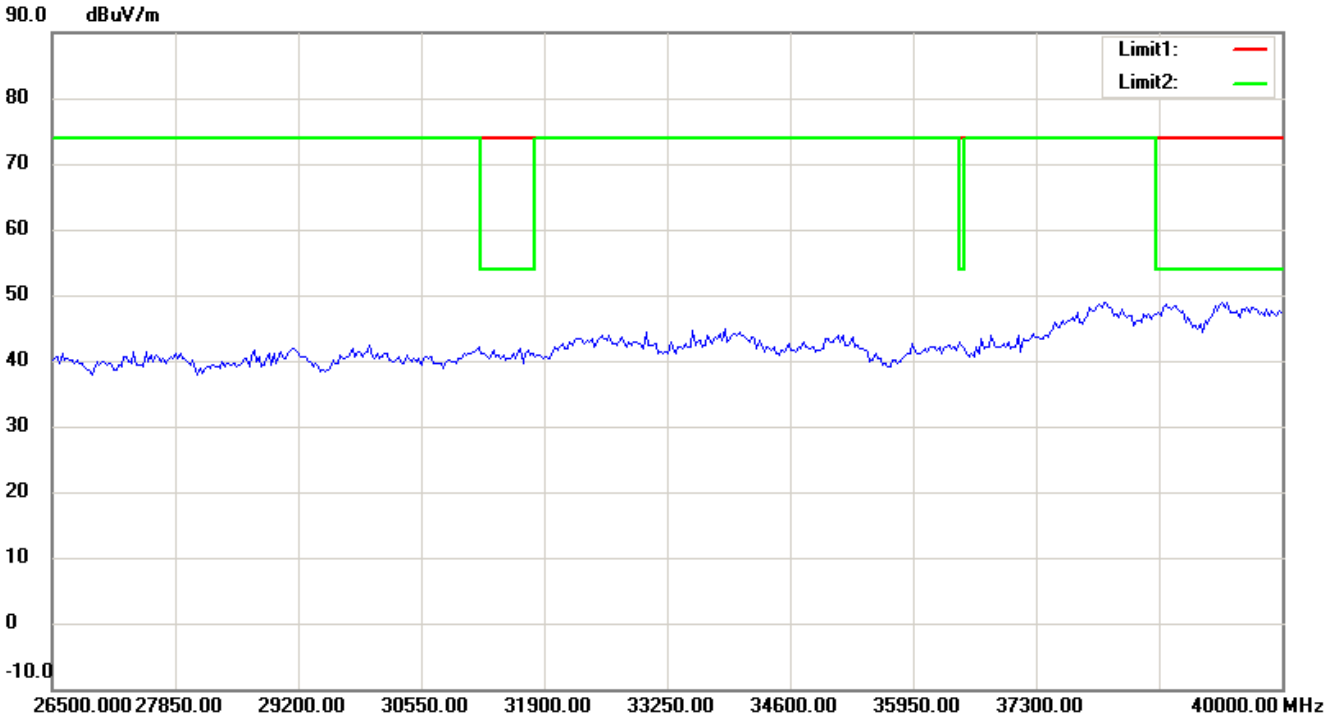
FCC ID: IR5DT6





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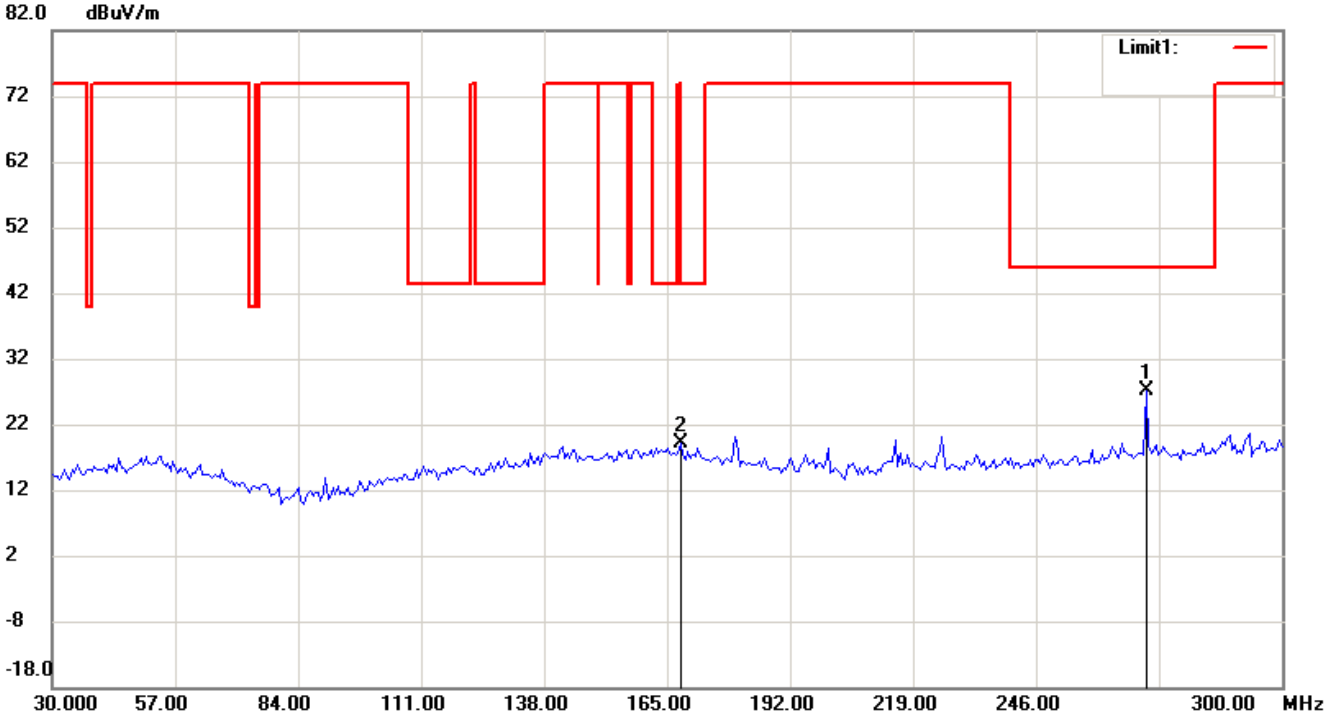
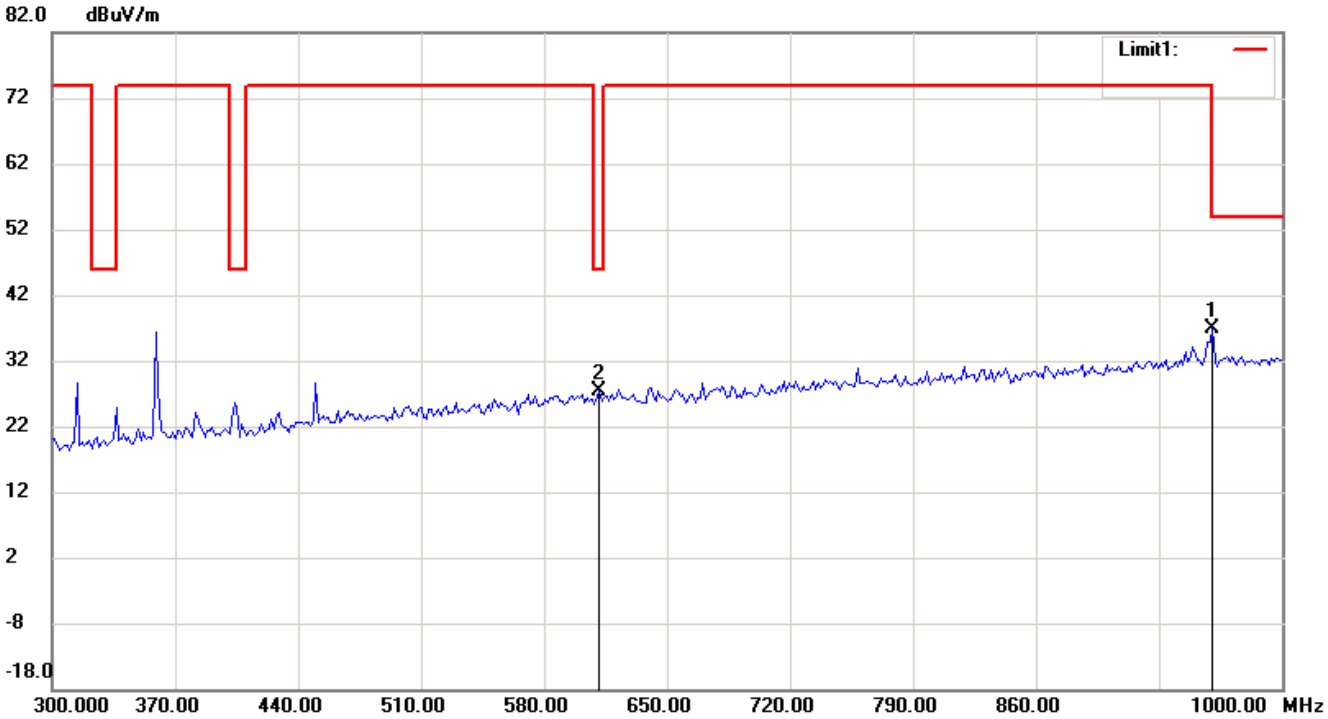
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11n 20M 5825MHz
Antenna Polarization H





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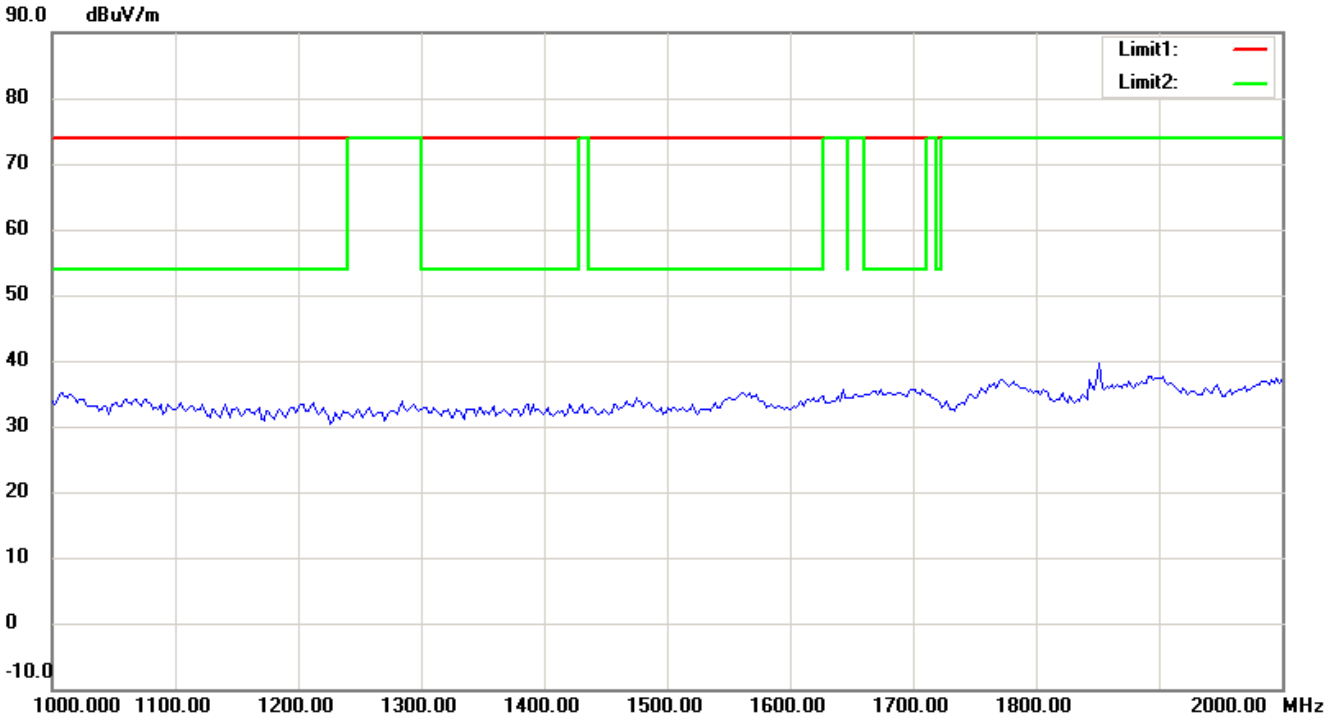
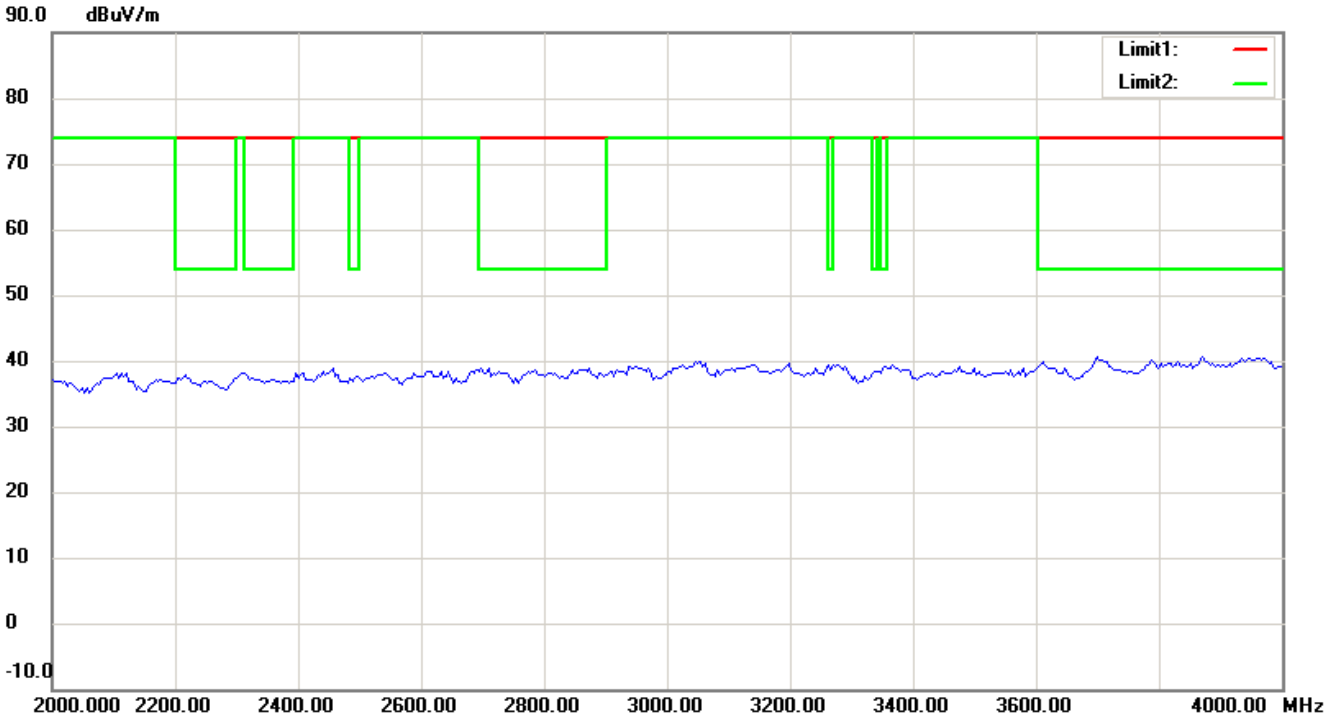
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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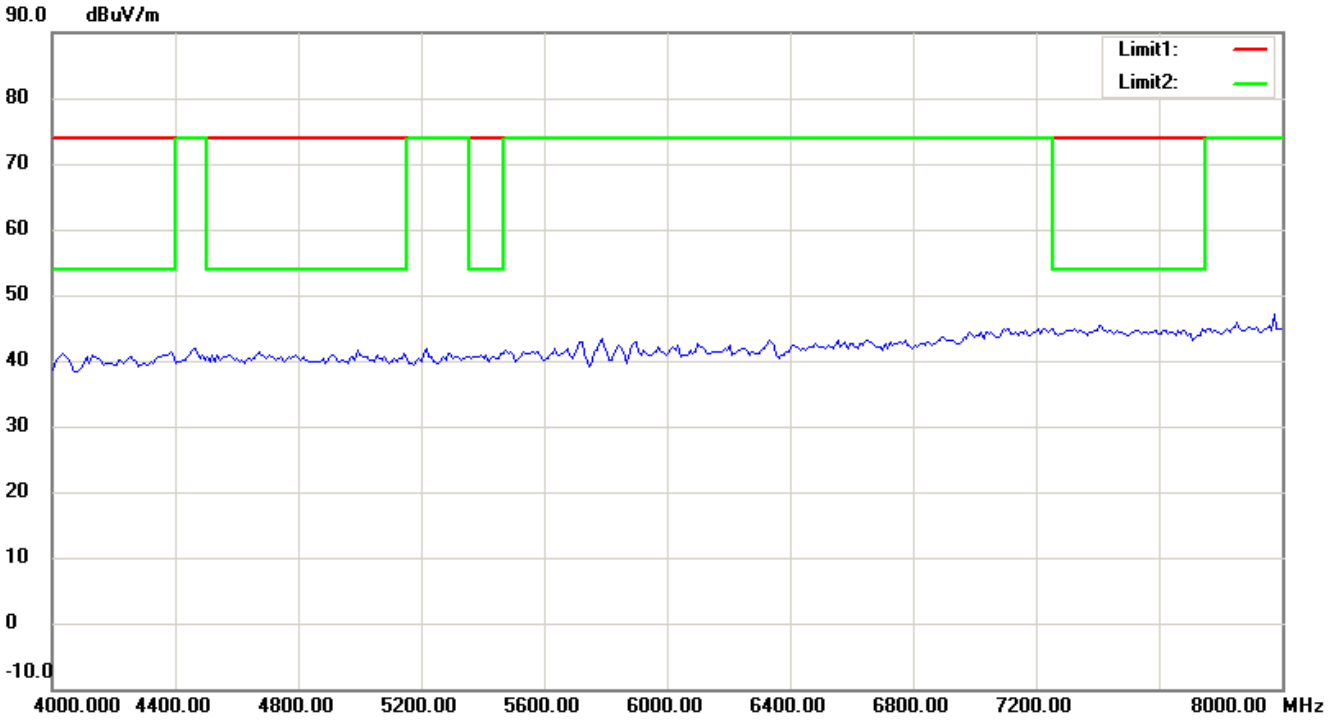
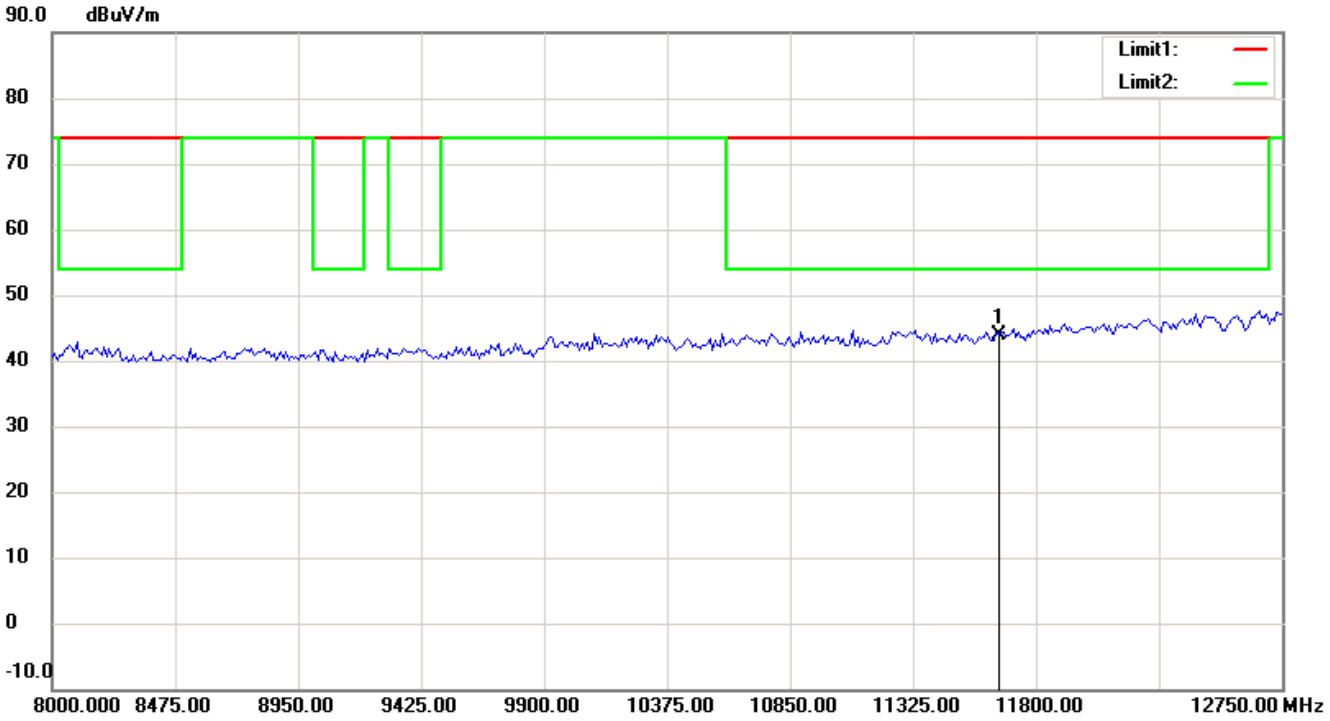
FCC ID: IR5DT6





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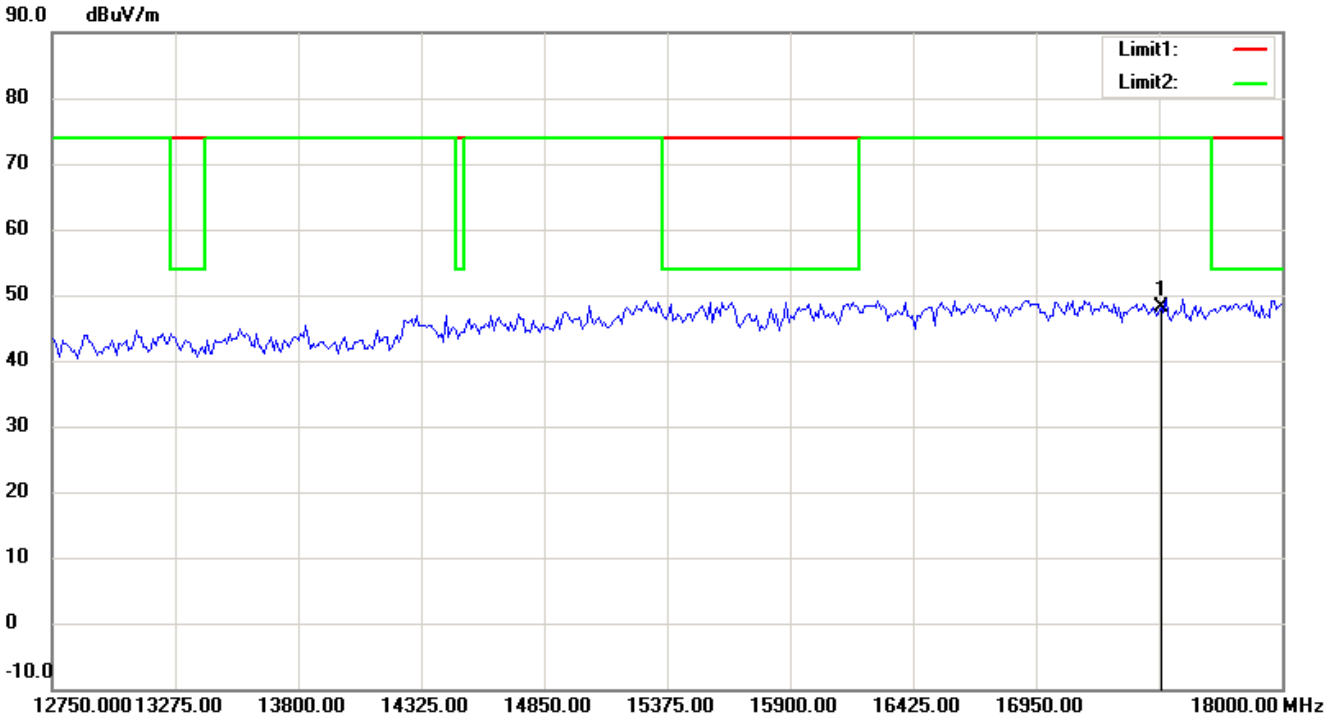

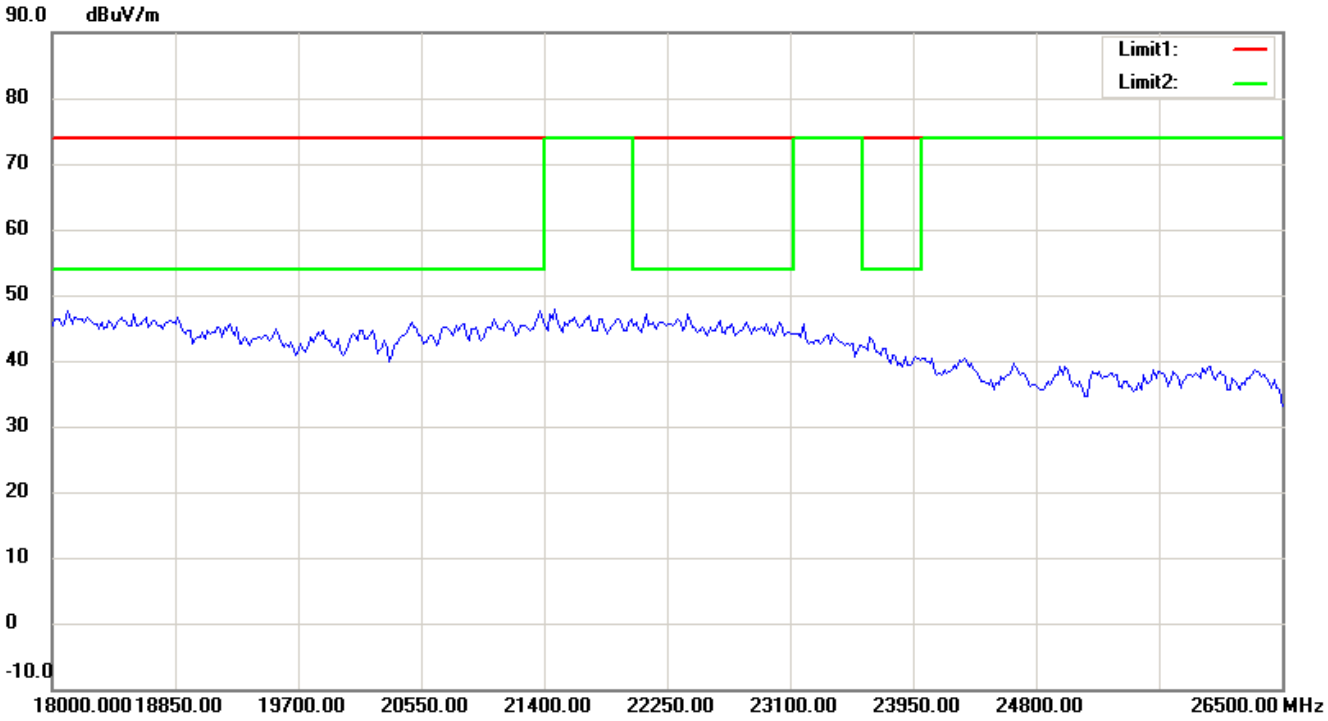

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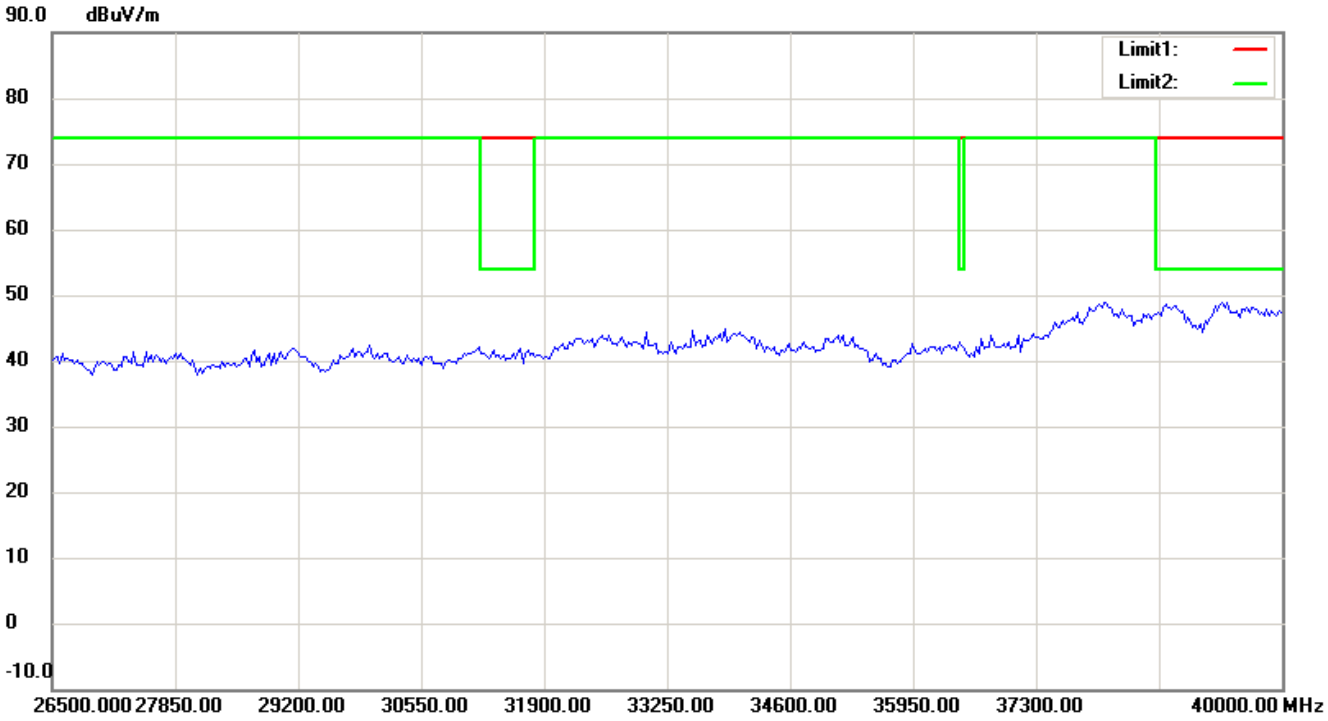
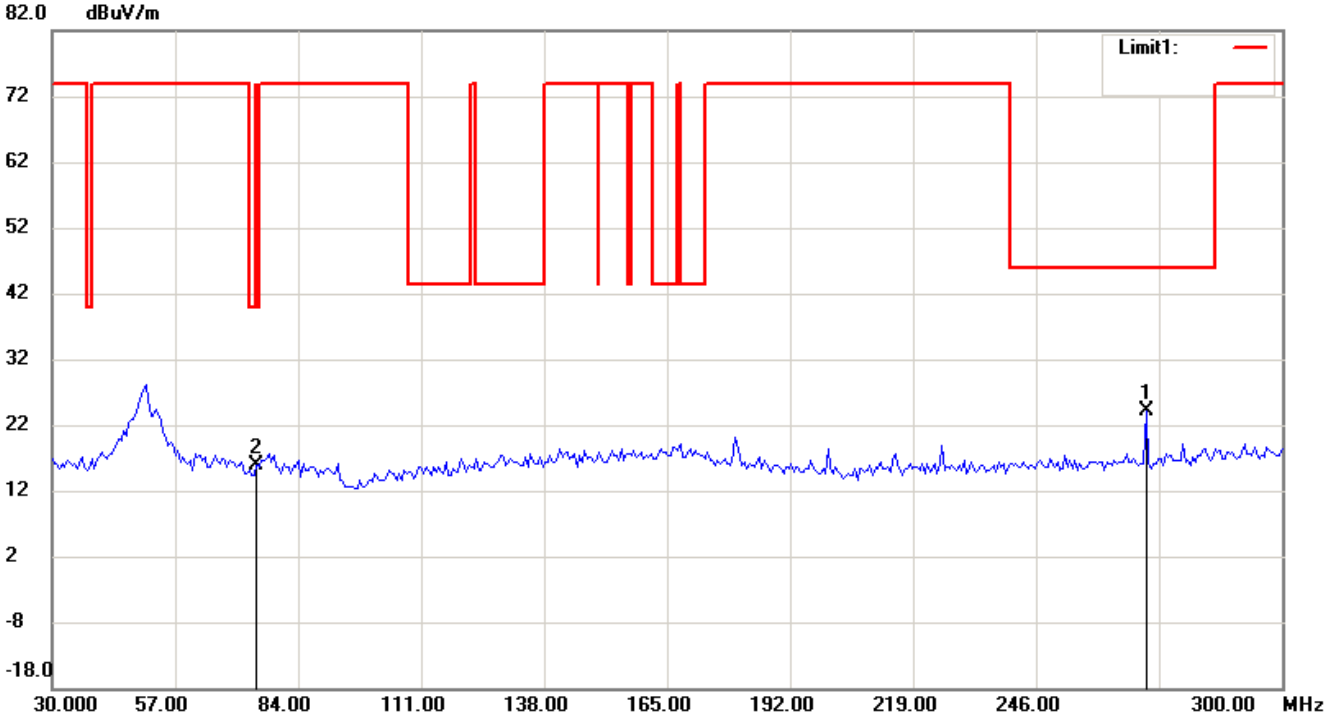
FCC ID: IR5DT6



Antenna Polarization V



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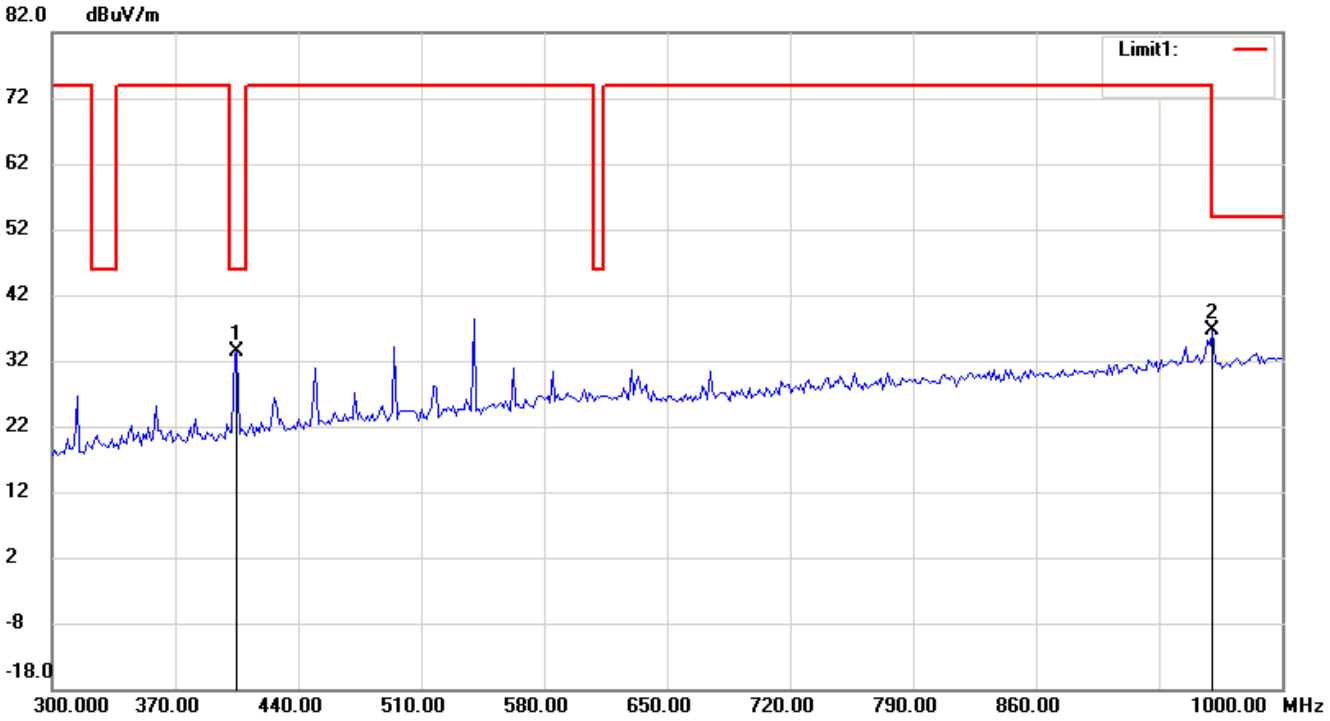

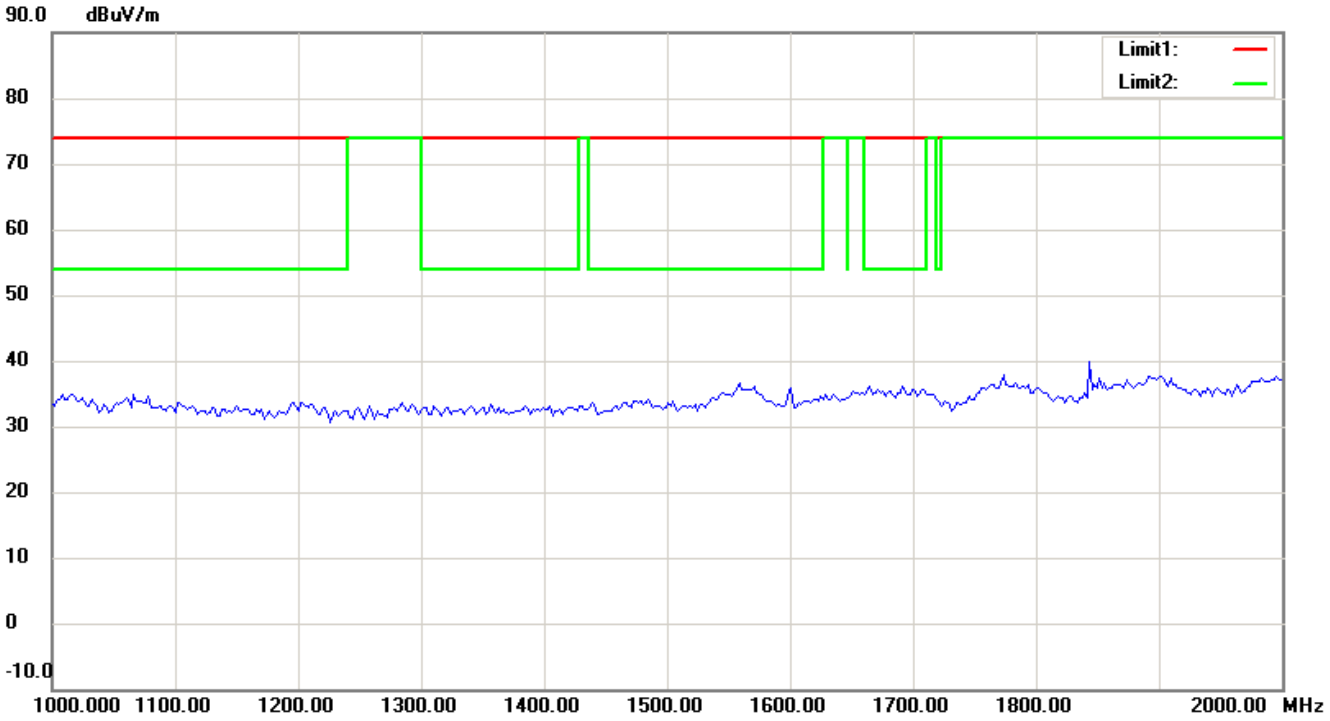

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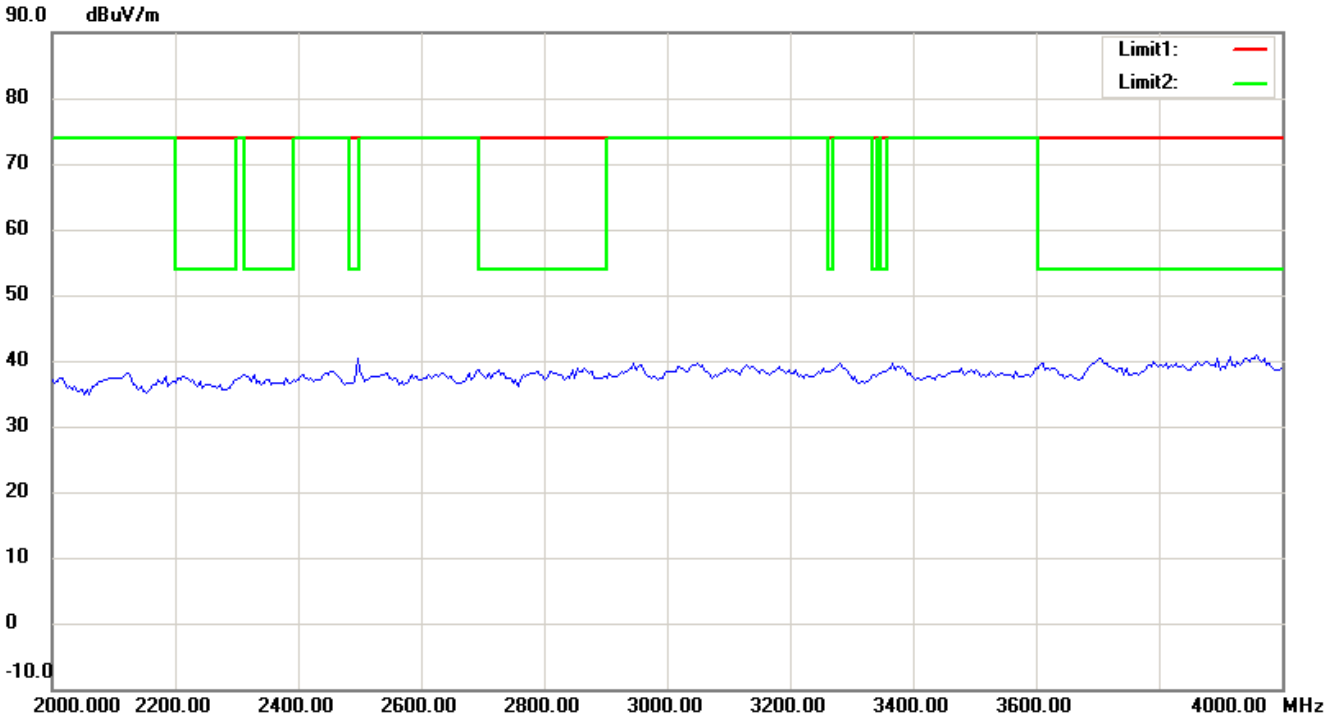

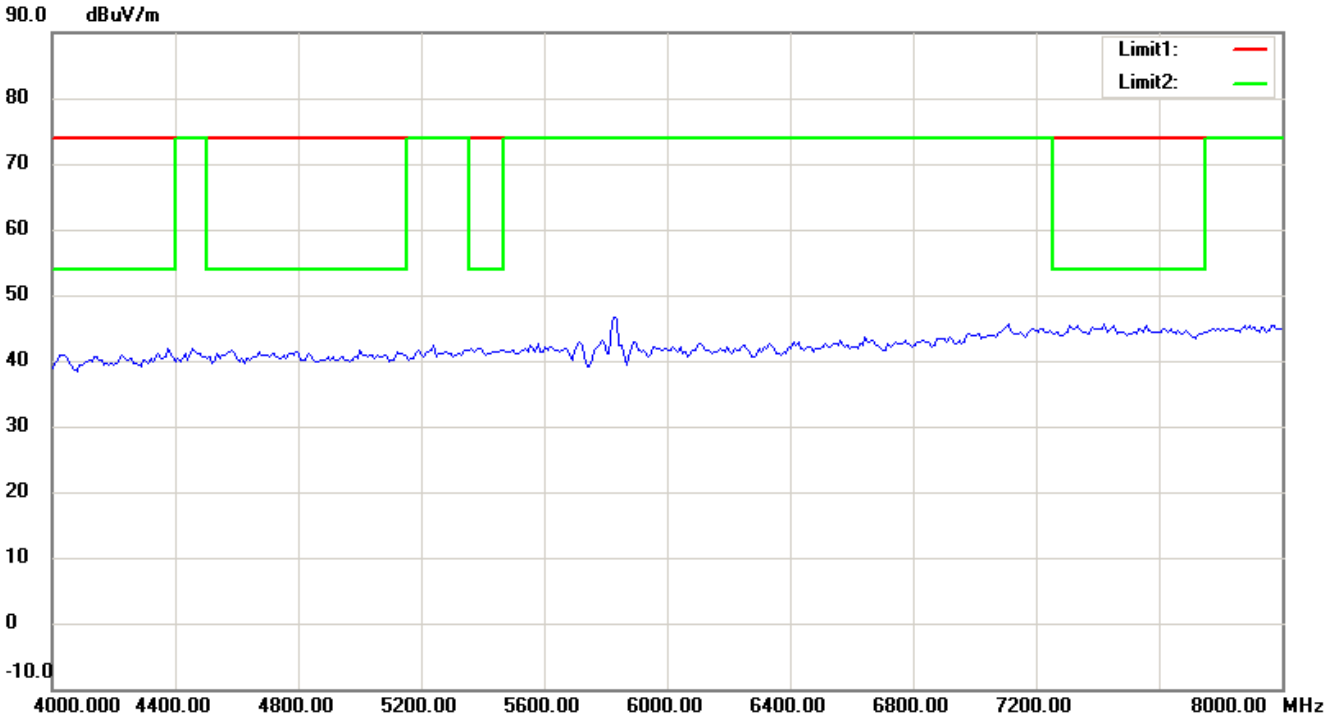

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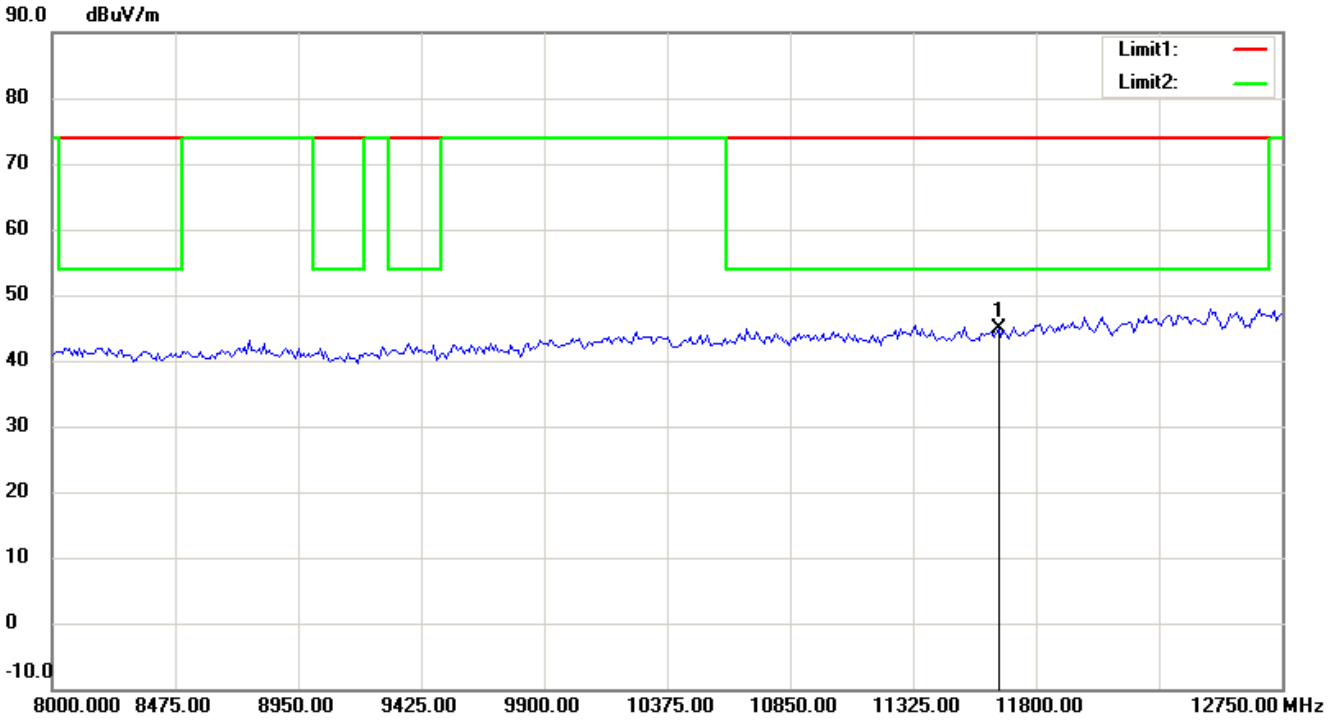

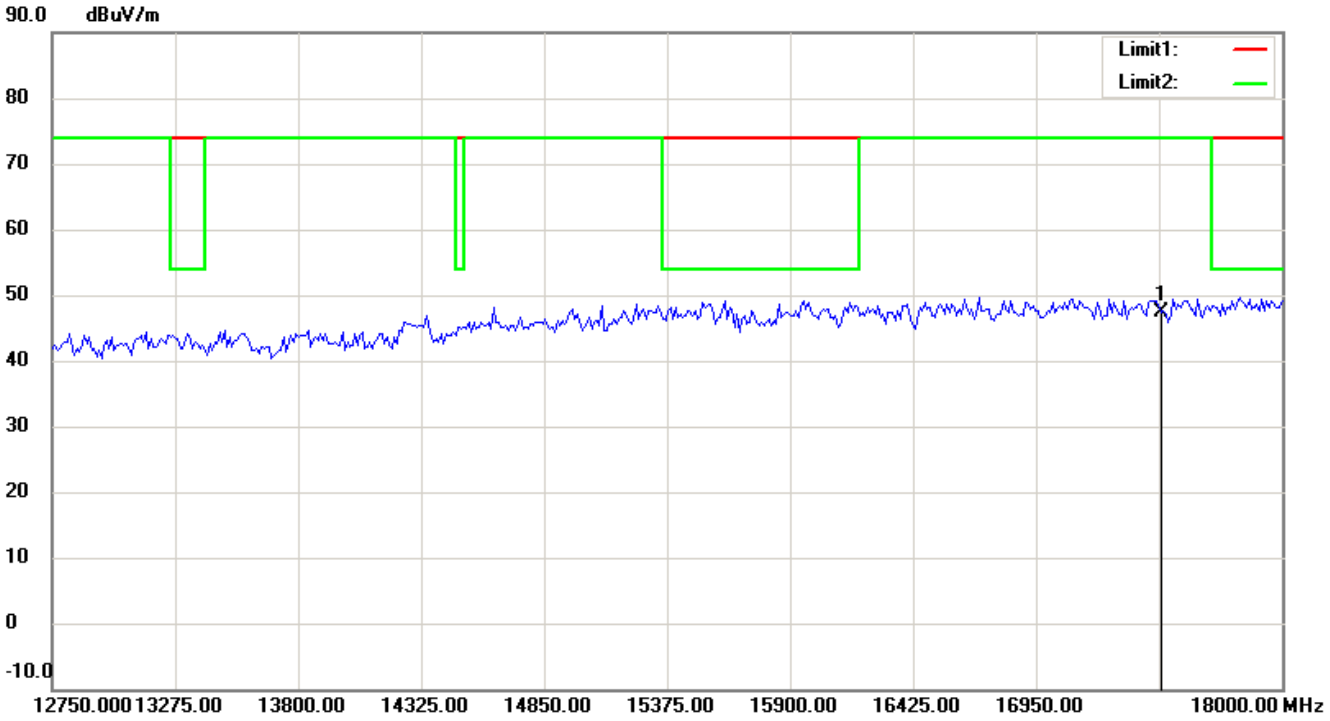

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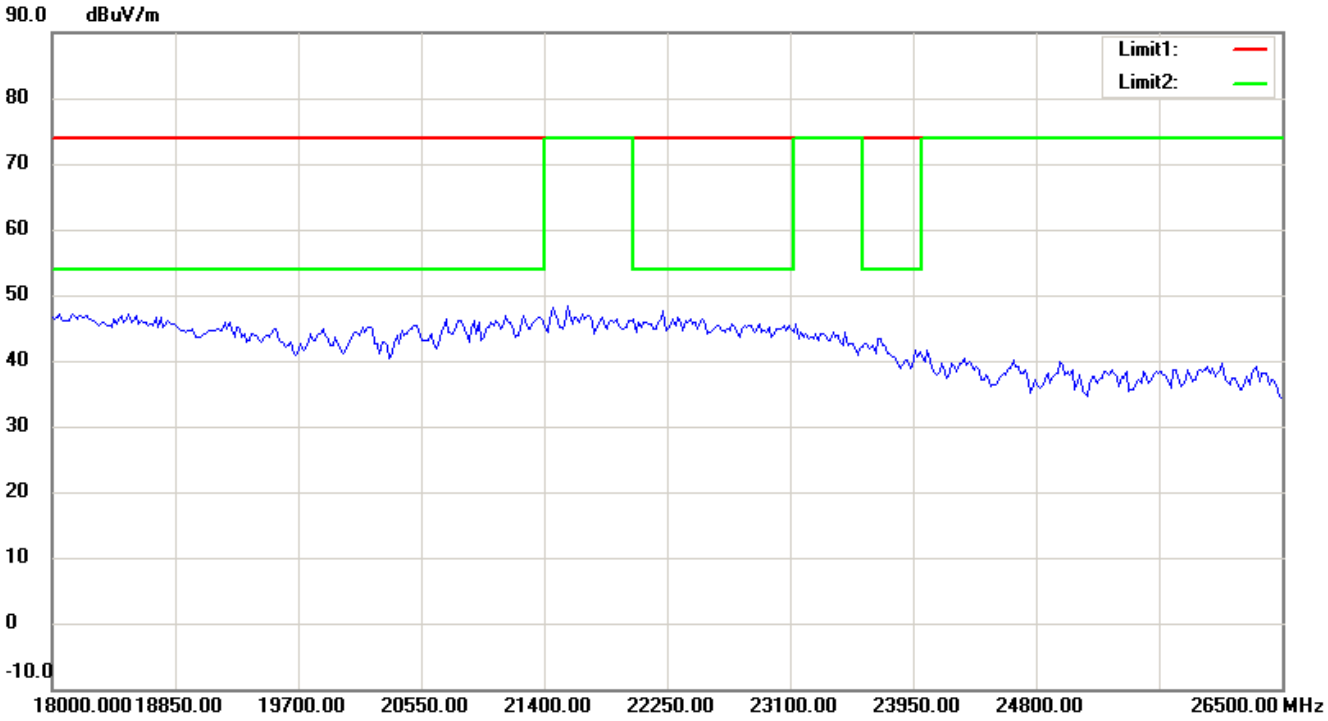

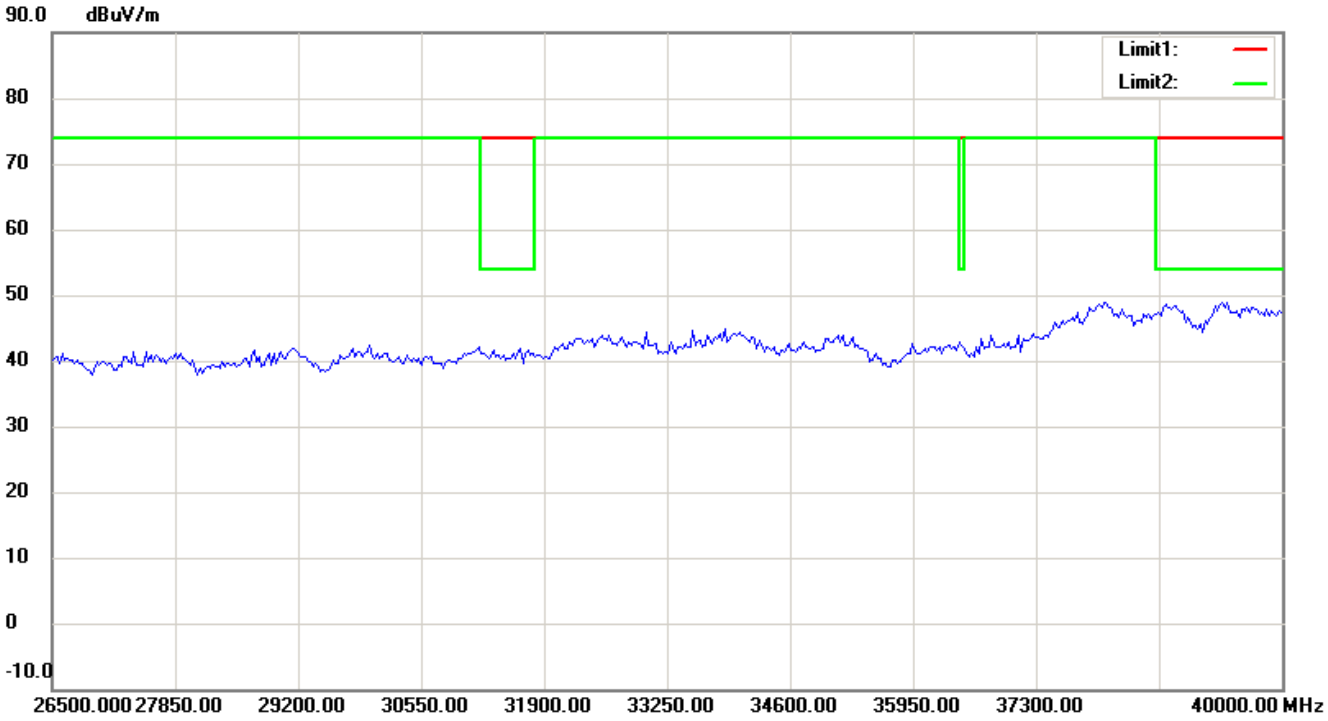

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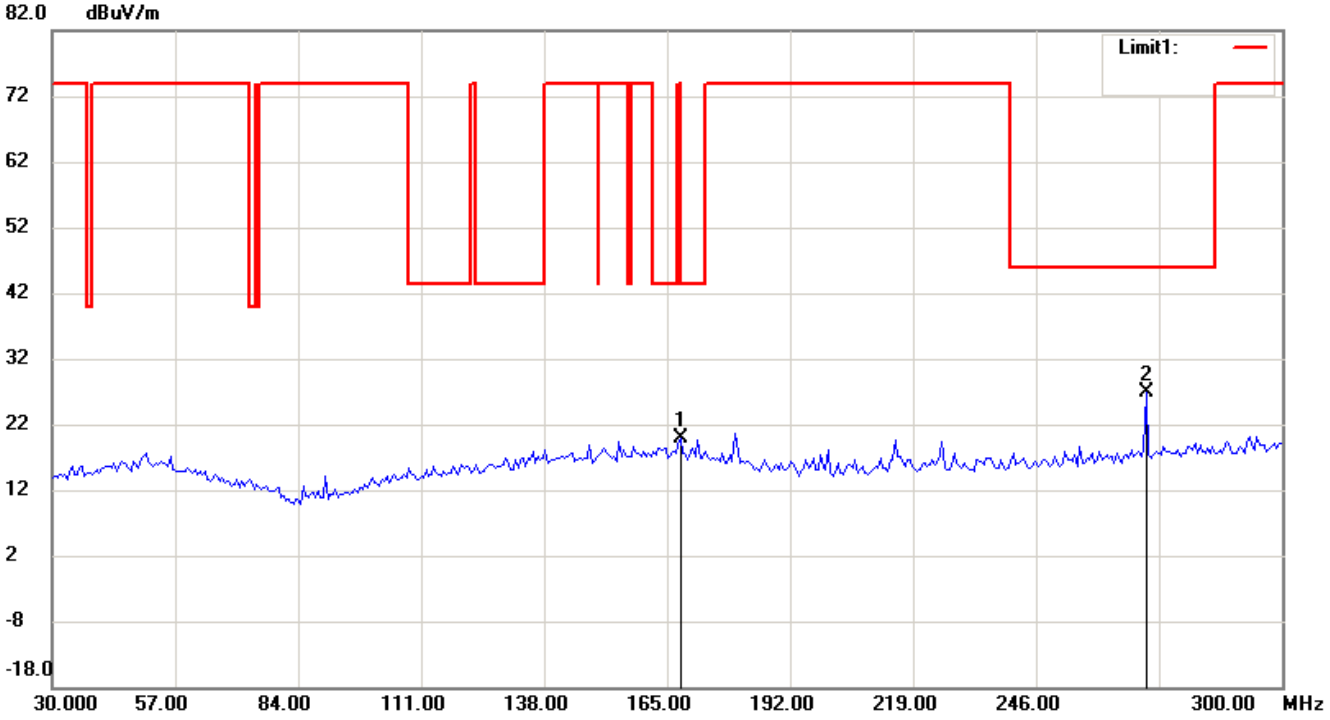
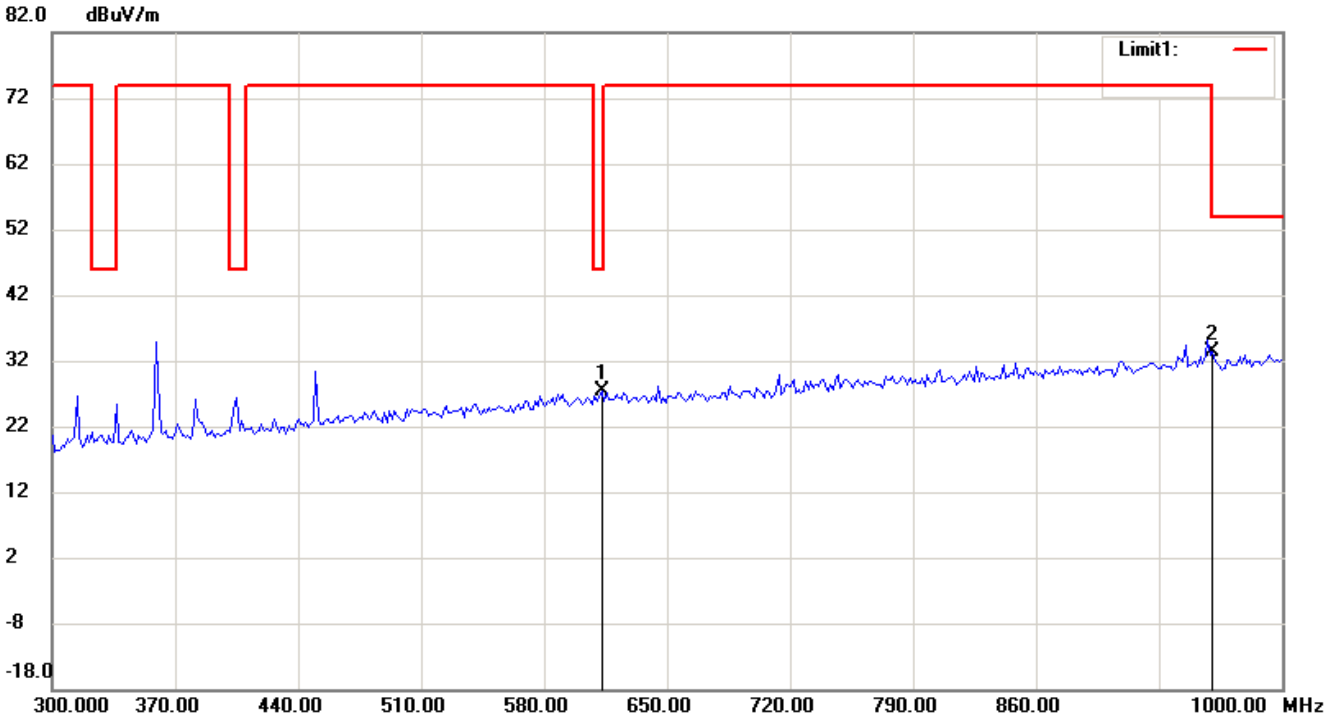
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11n 40M 5755MHz
Antenna Polarization H





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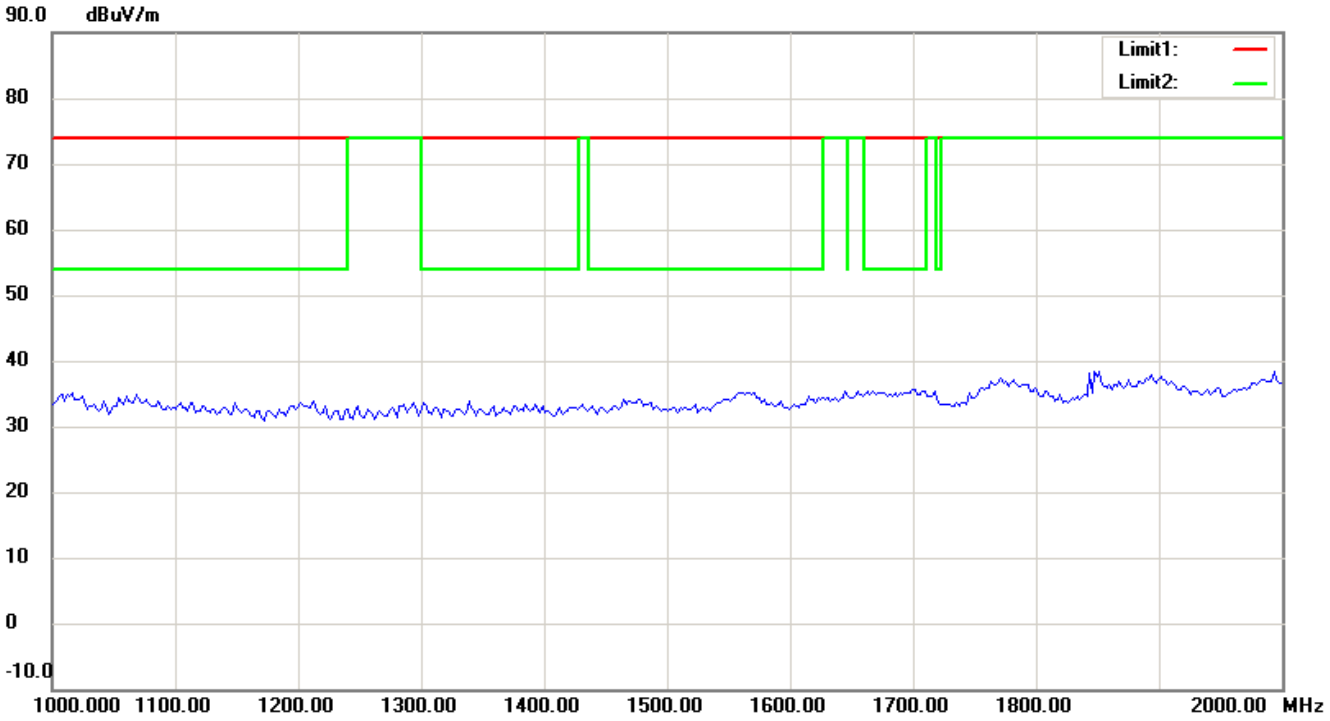
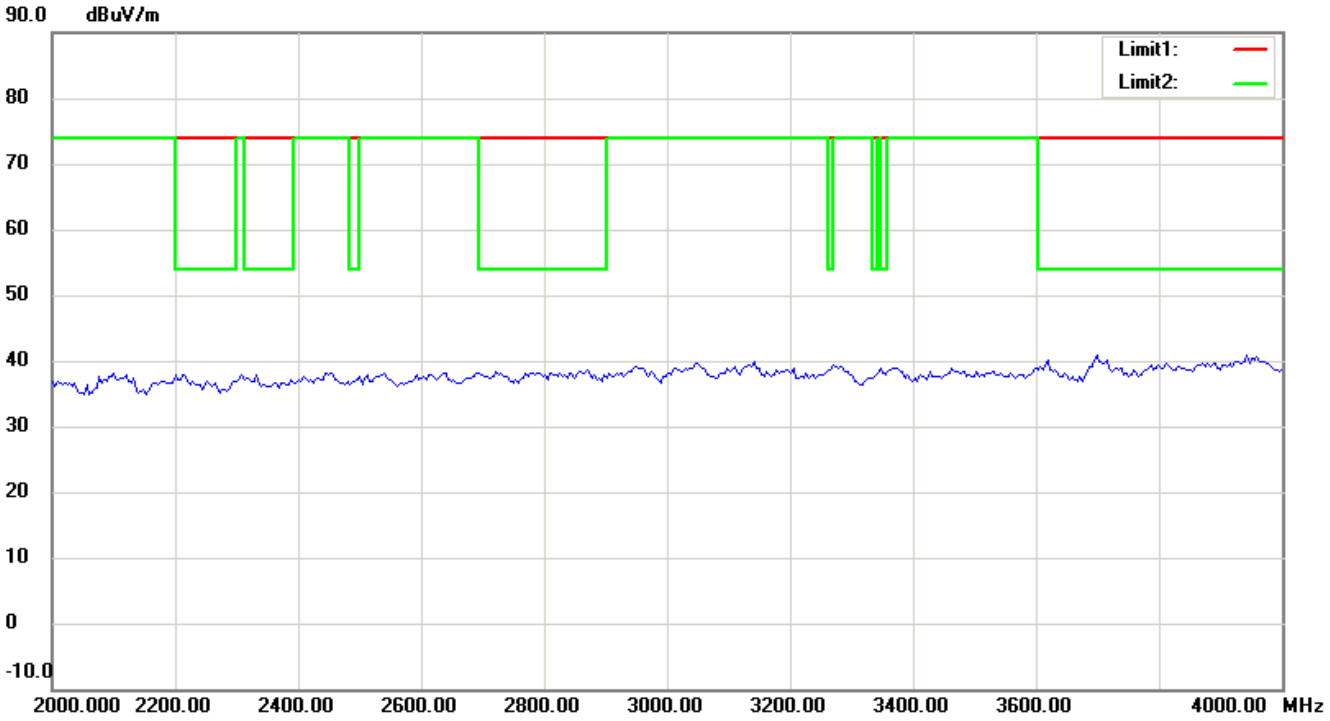
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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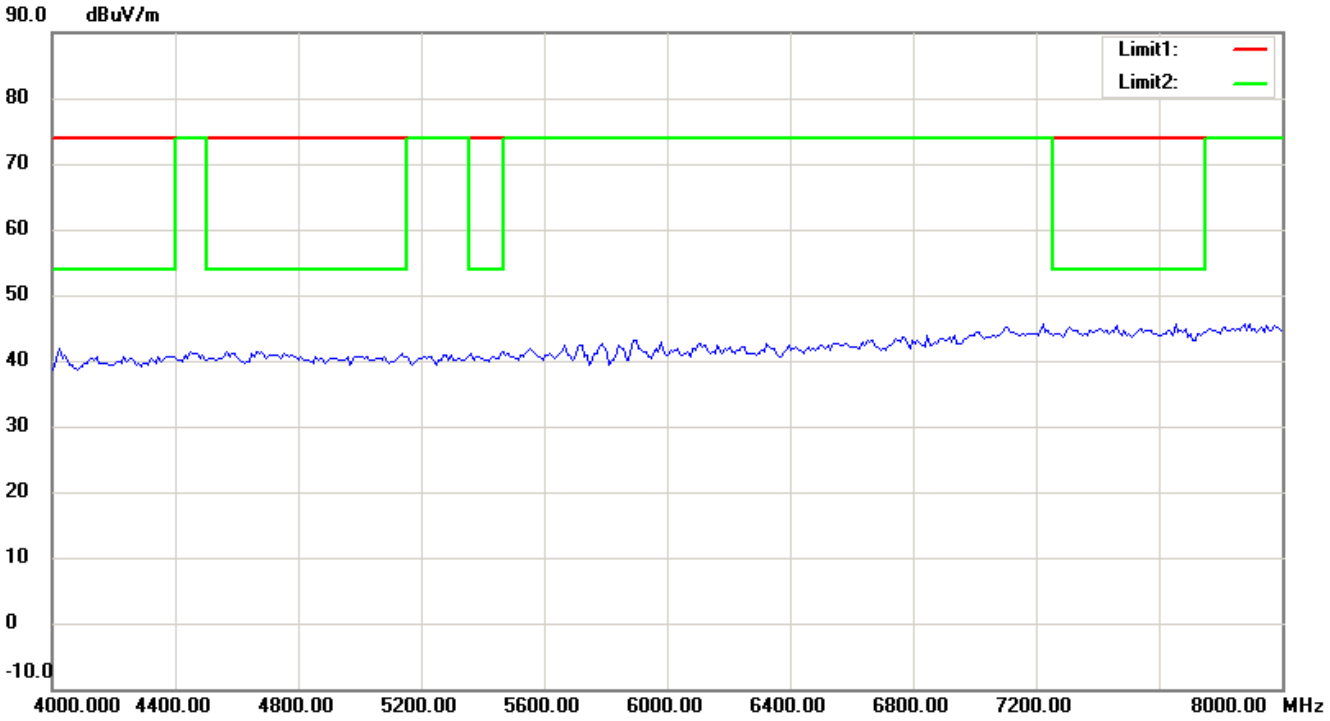
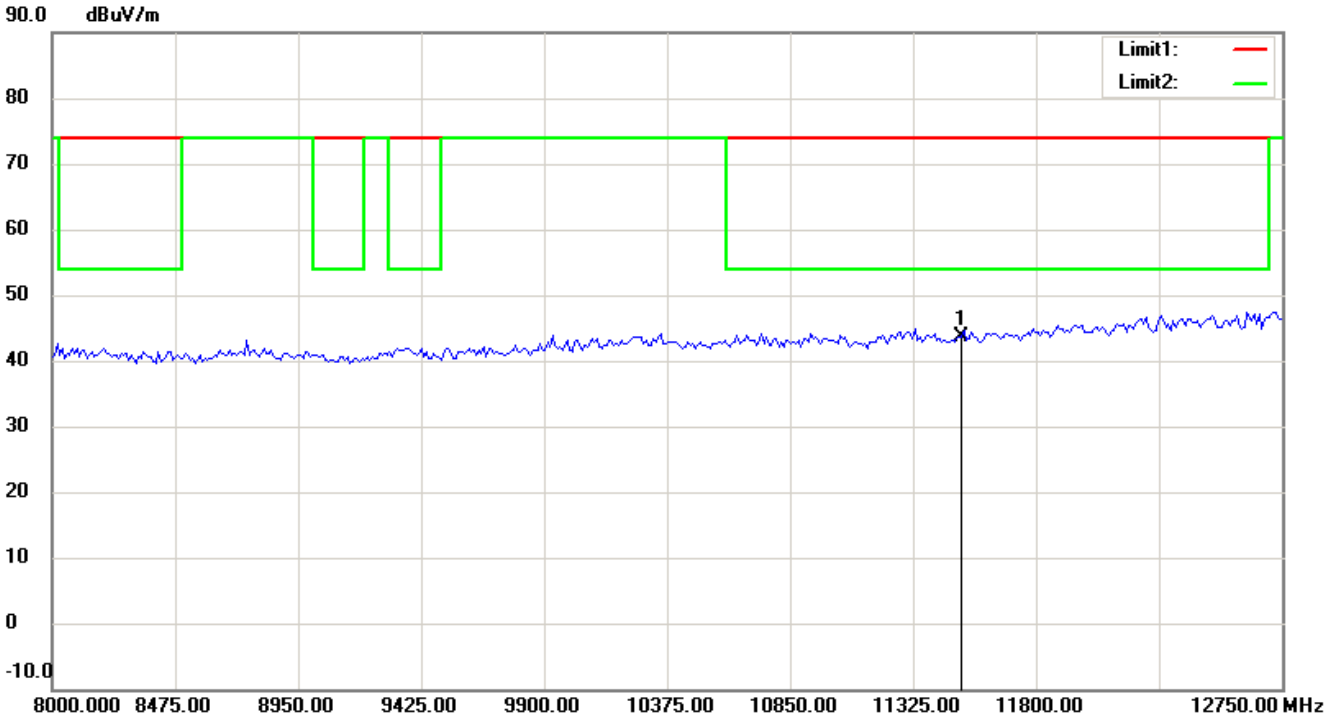
2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
3. **For corrected test results are listed in the relevant table of radiated test data of this test report.**

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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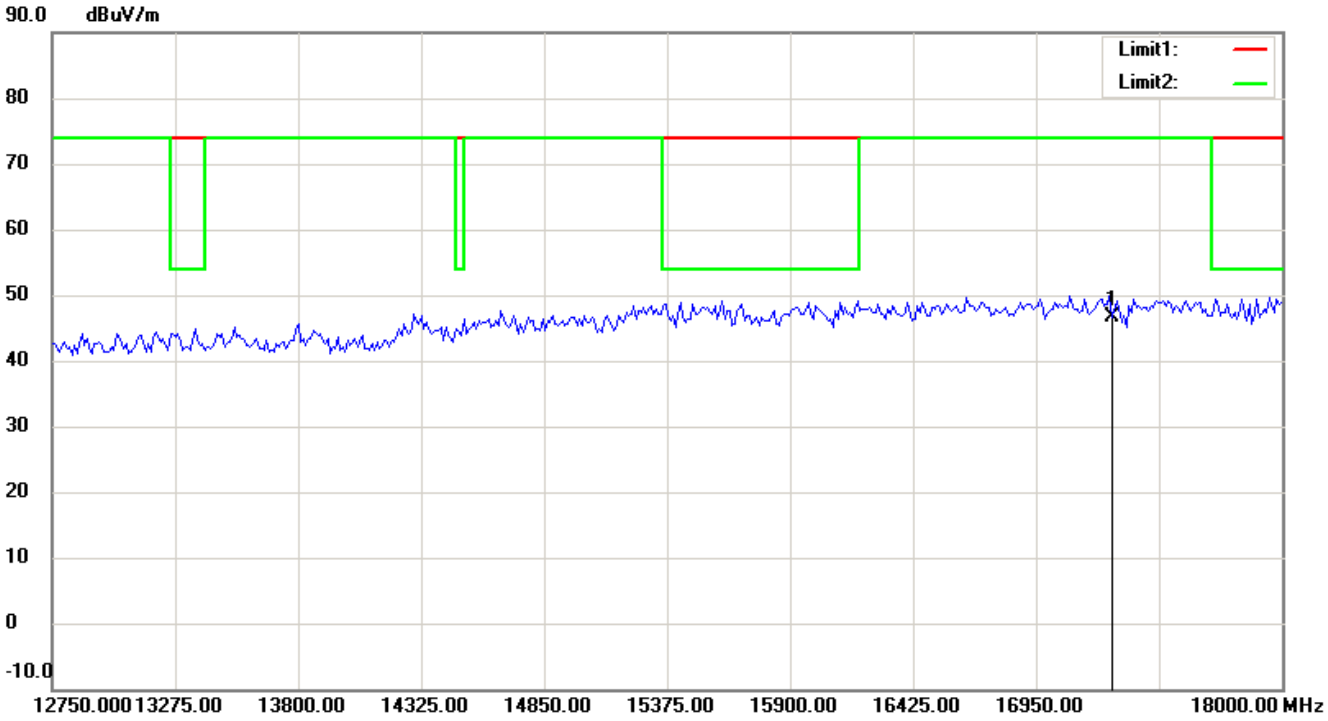
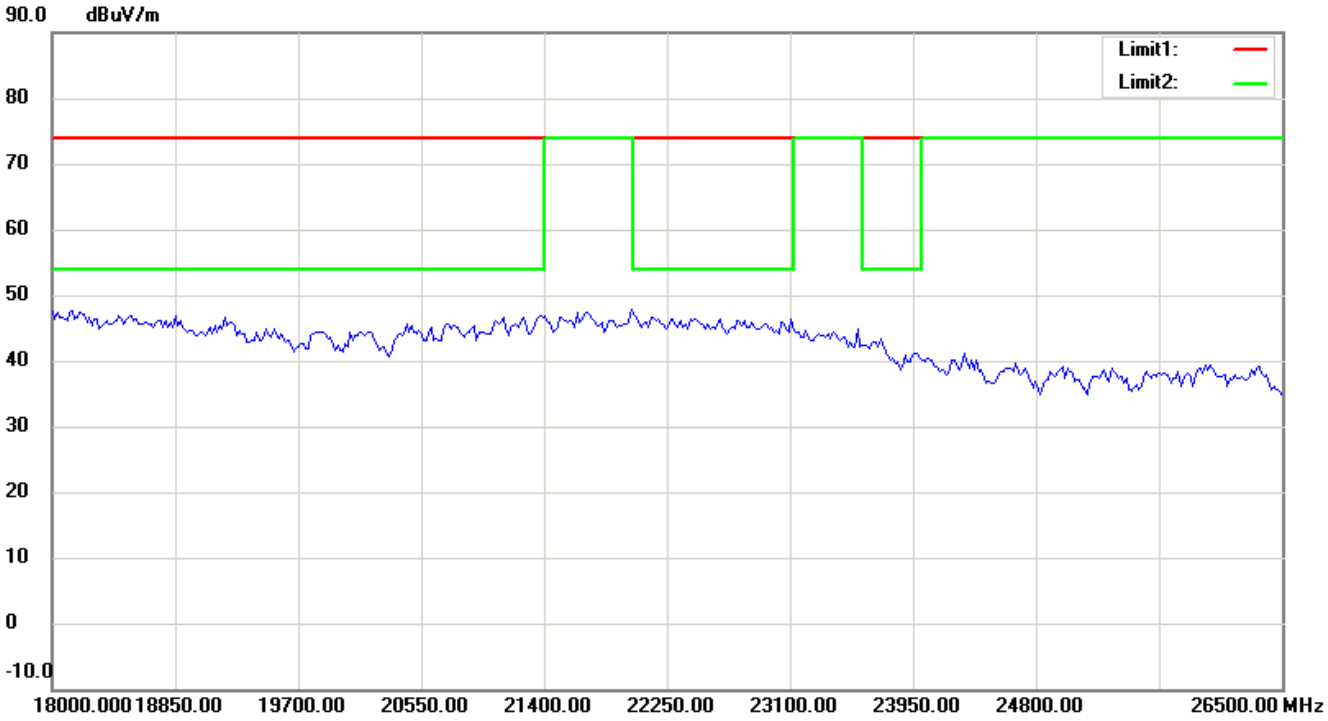
FCC ID: IR5DT6





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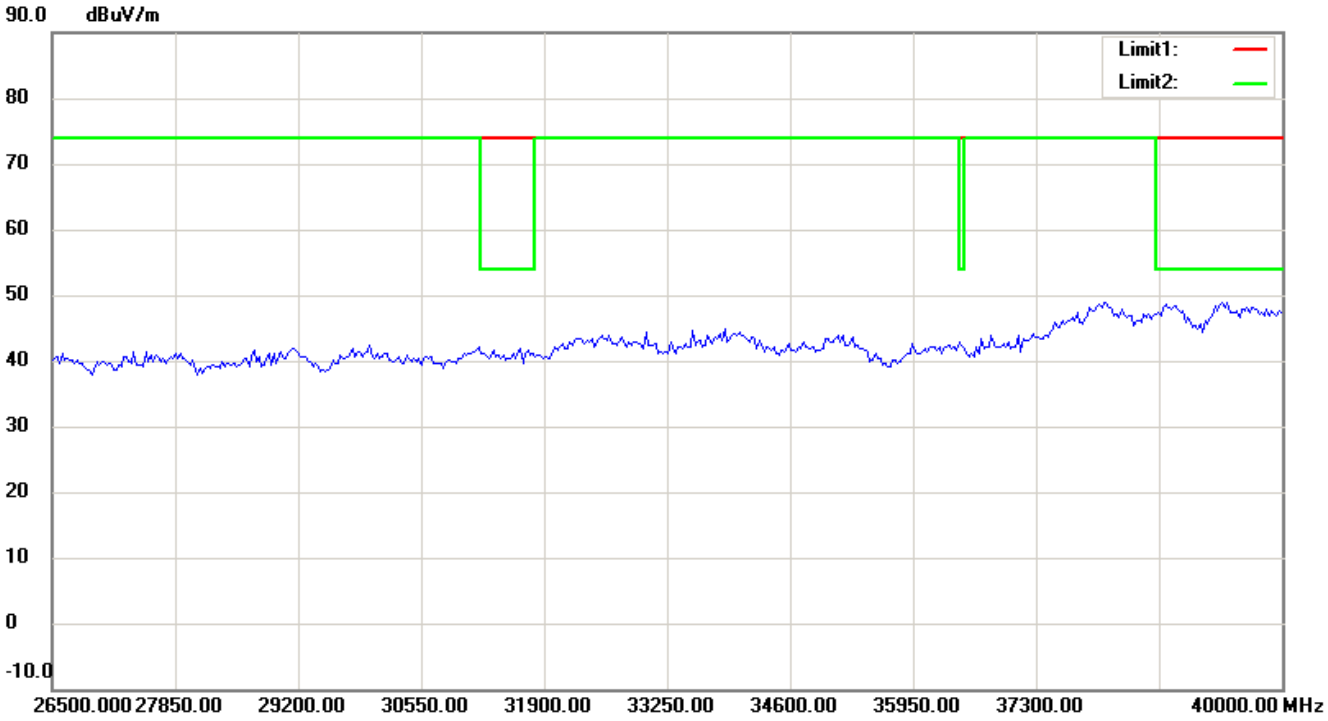
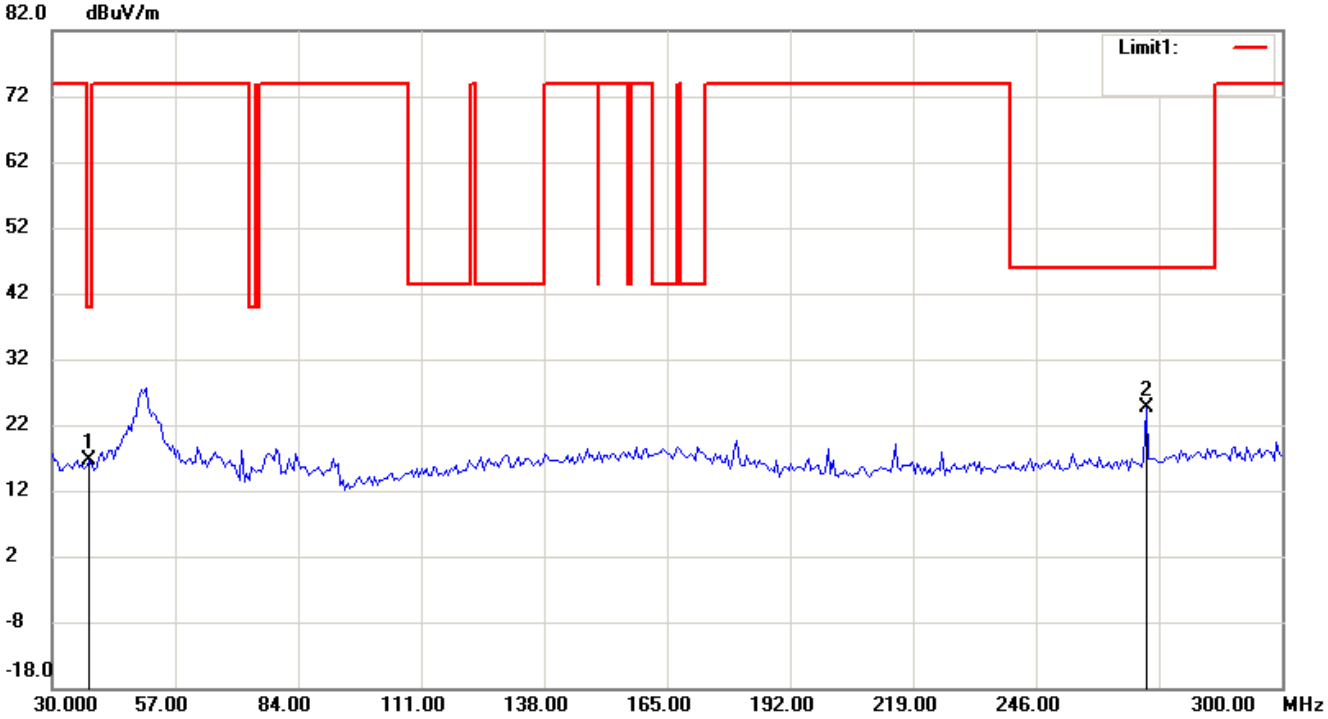
FCC ID: IR5DT6



Antenna Polarization V



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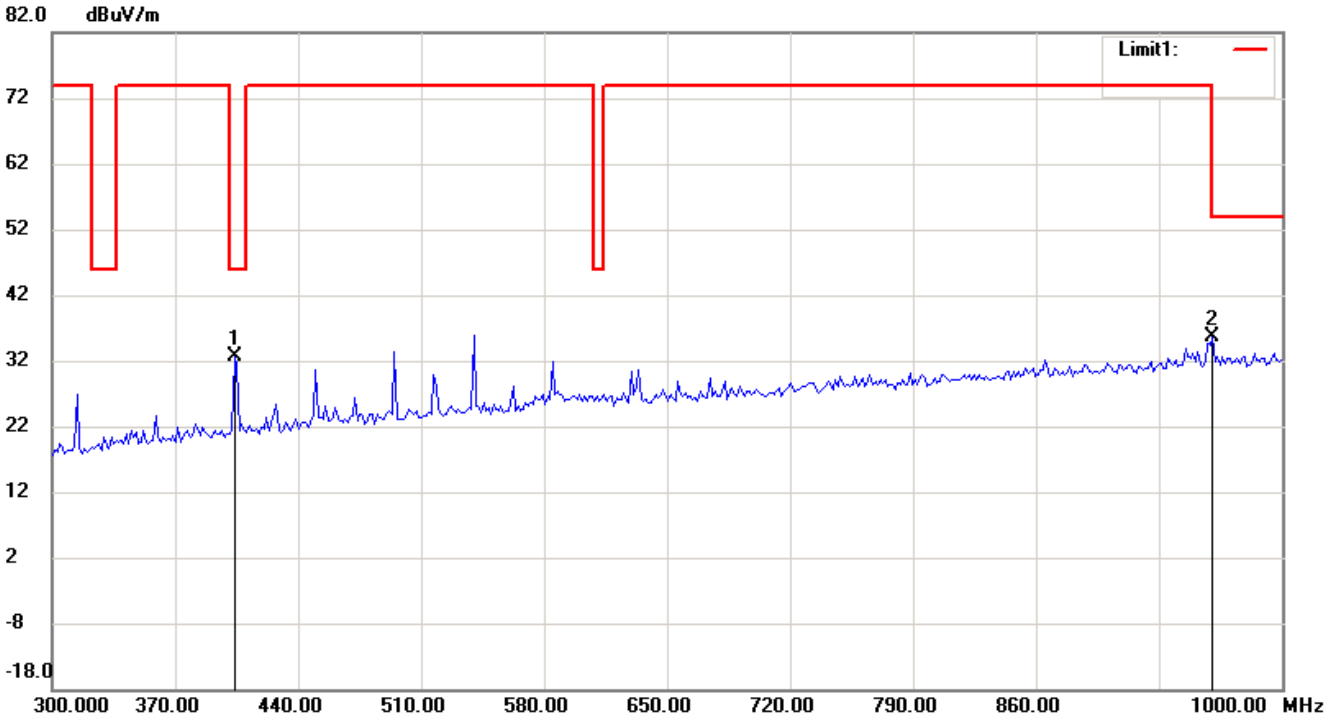
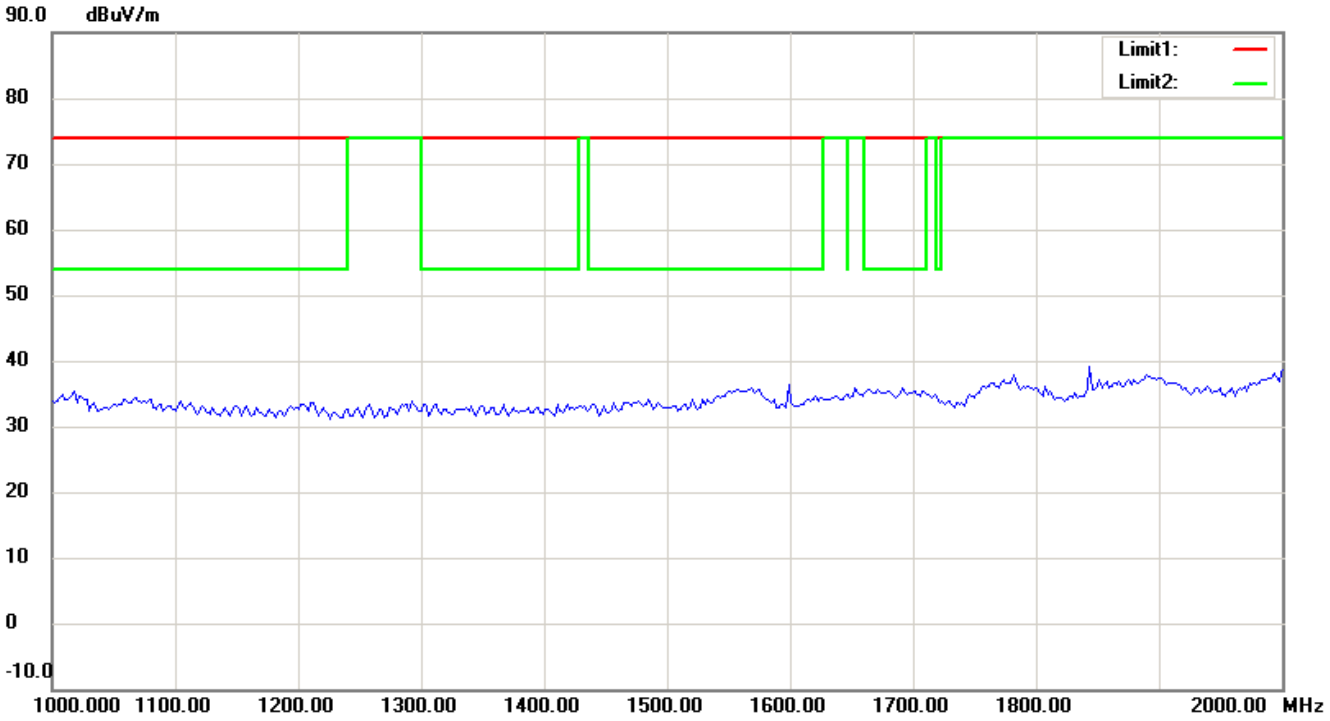
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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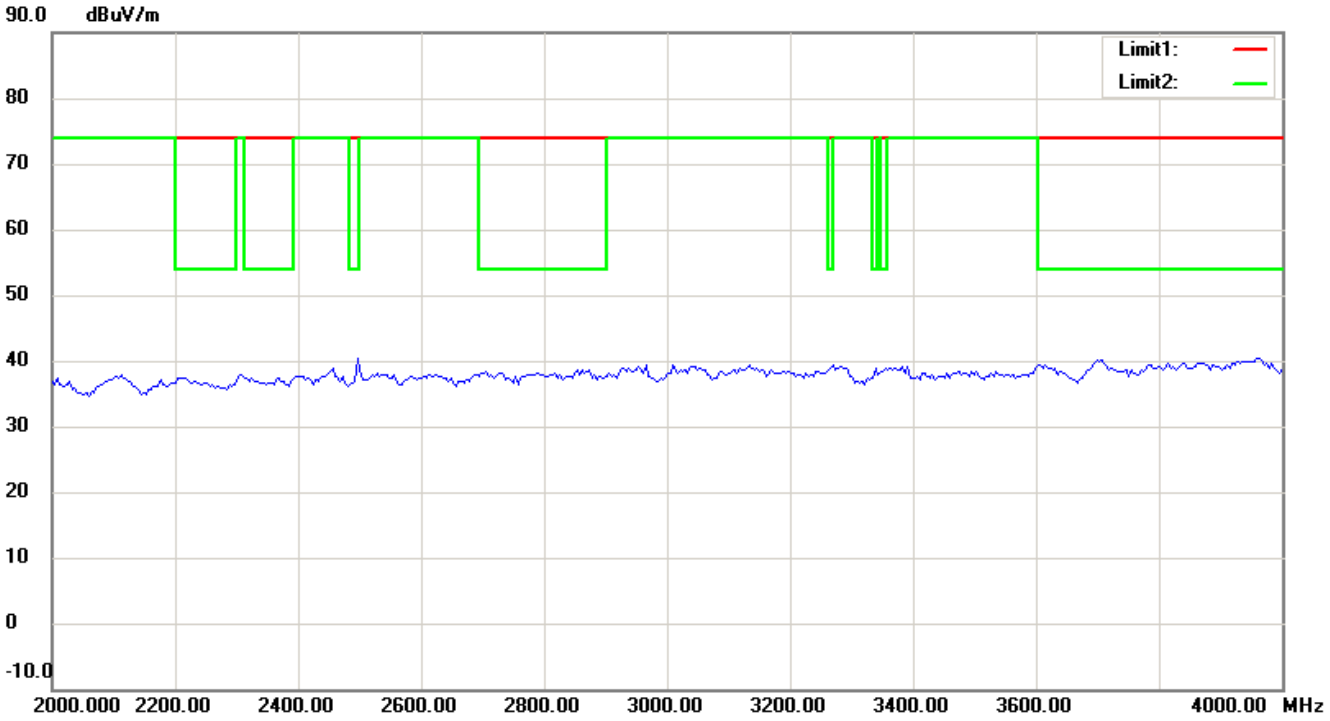

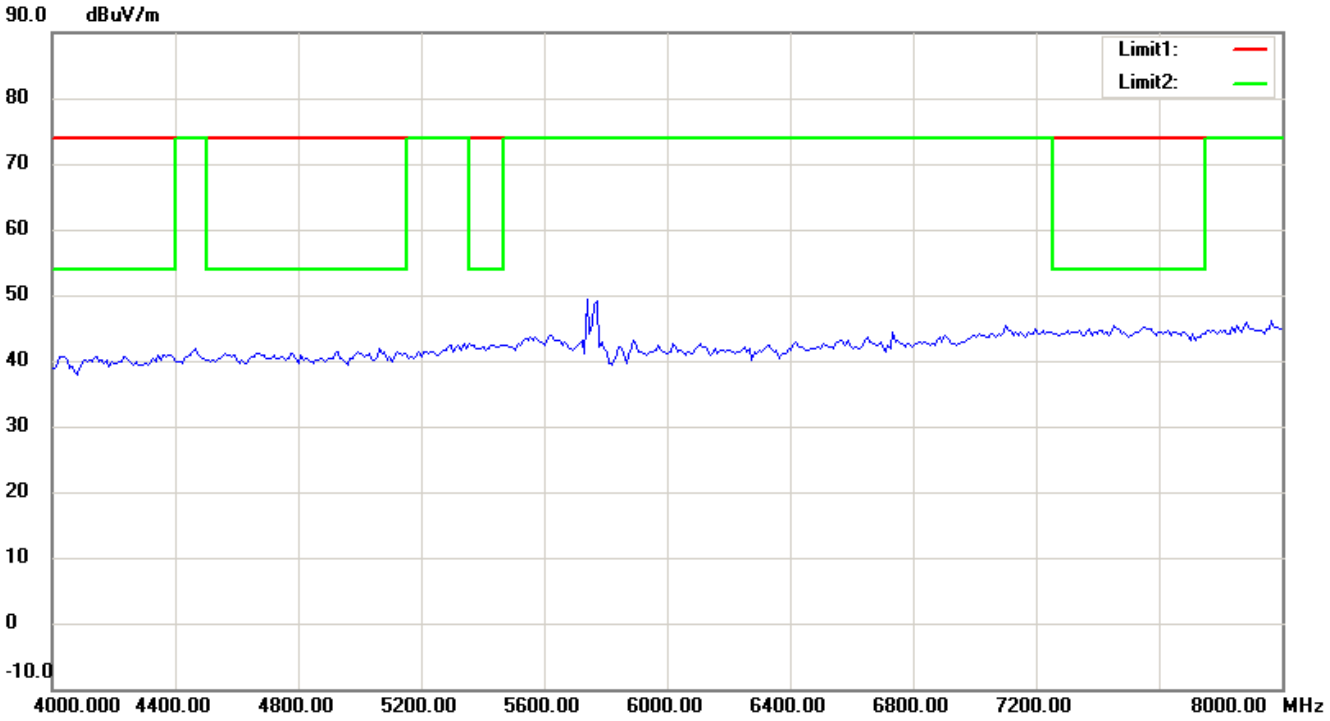

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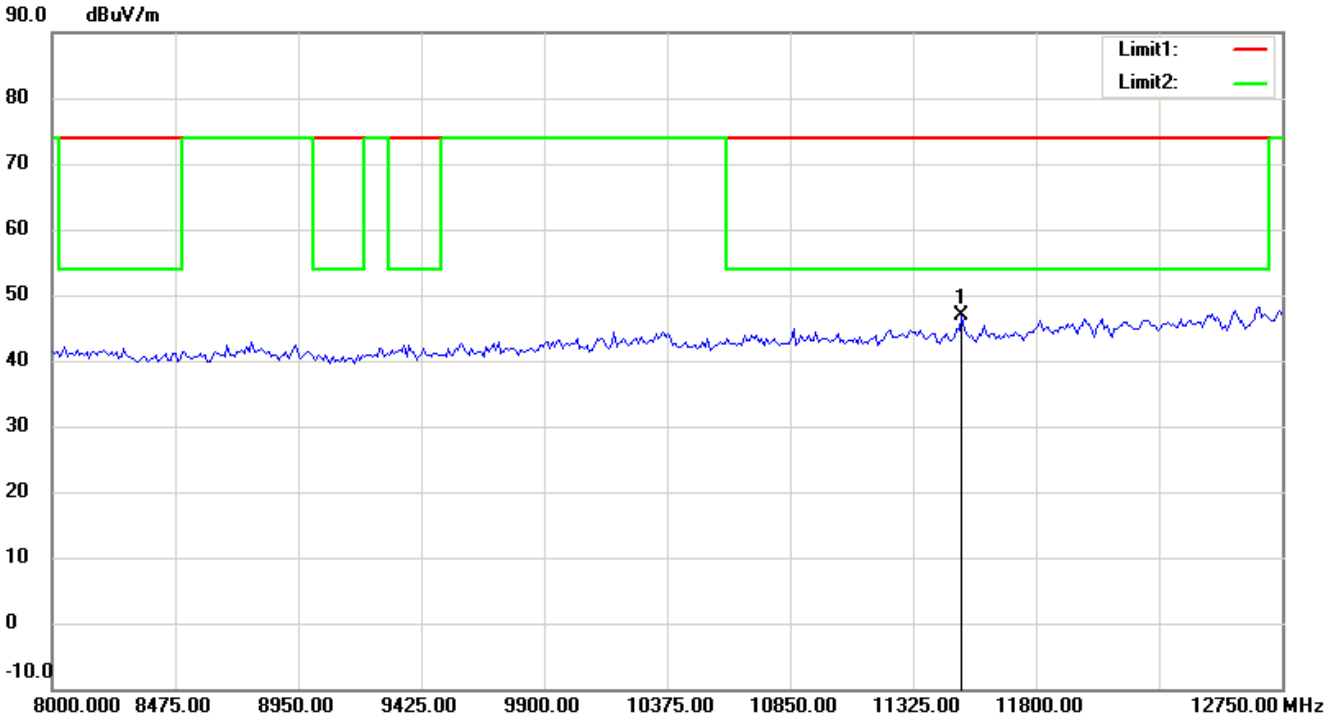
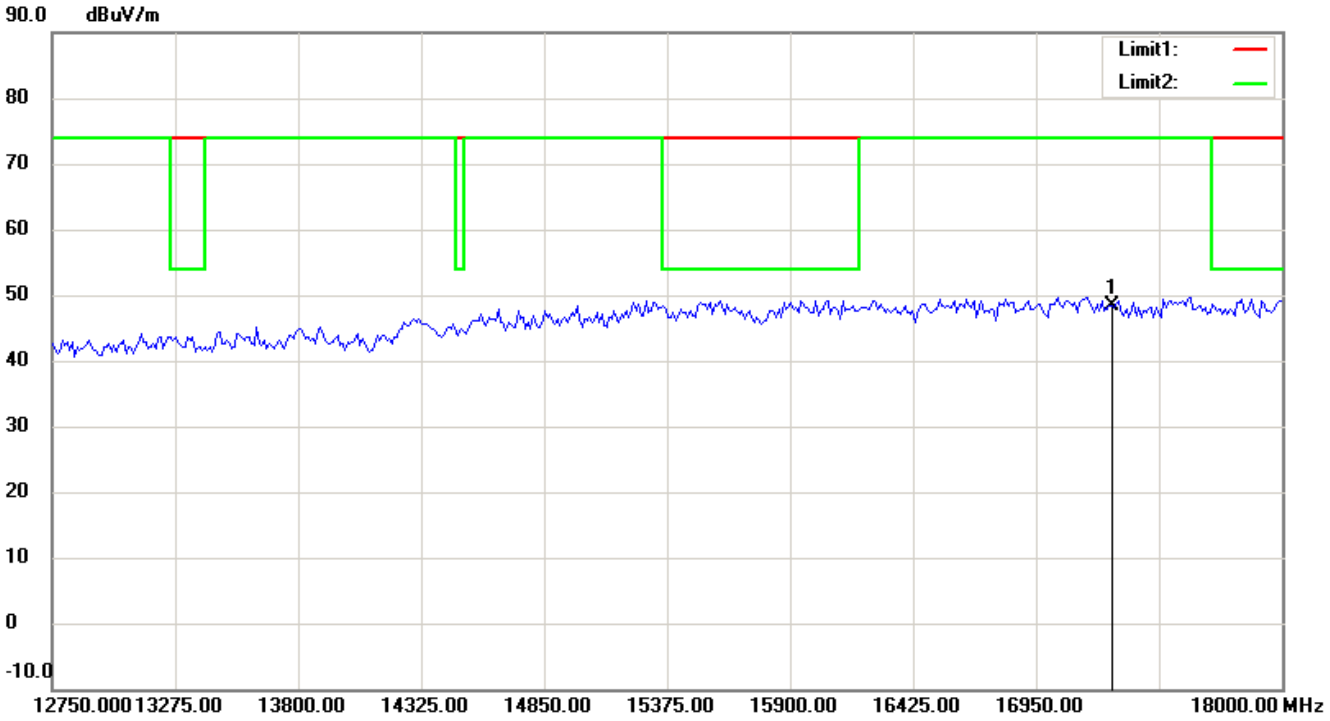
FCC ID: IR5DT6





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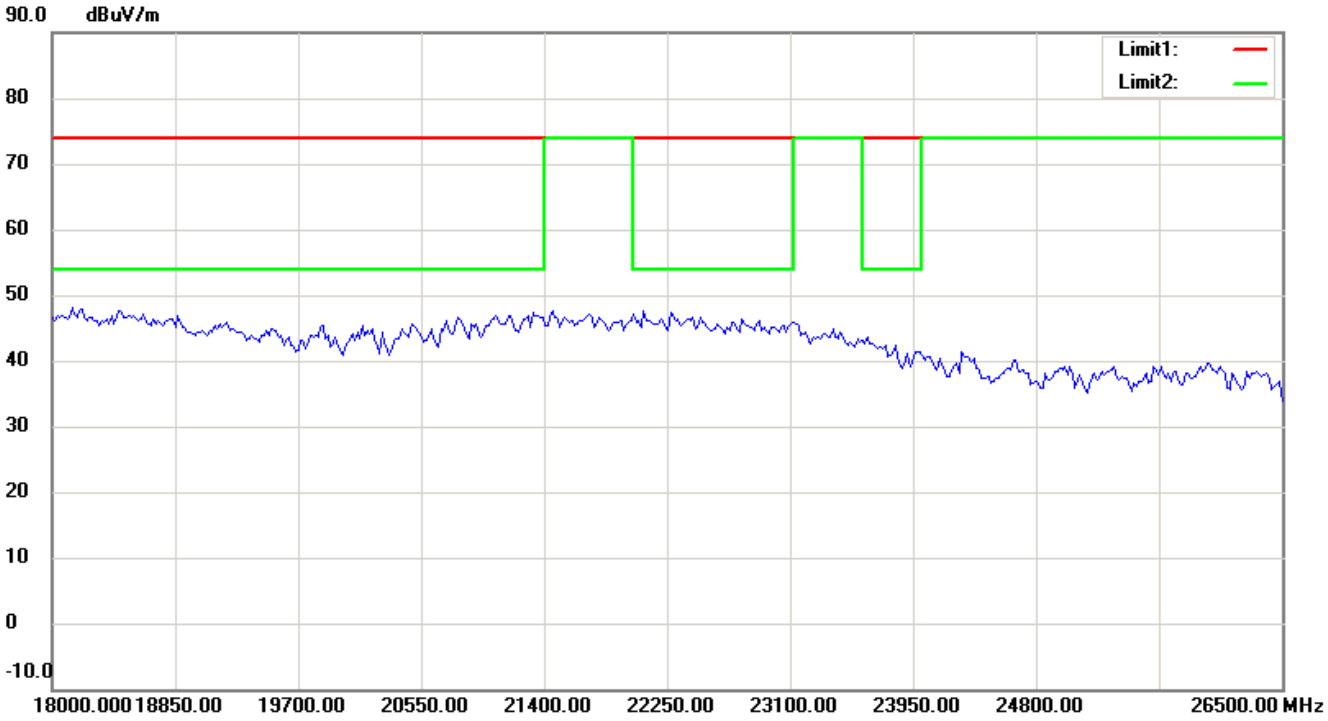

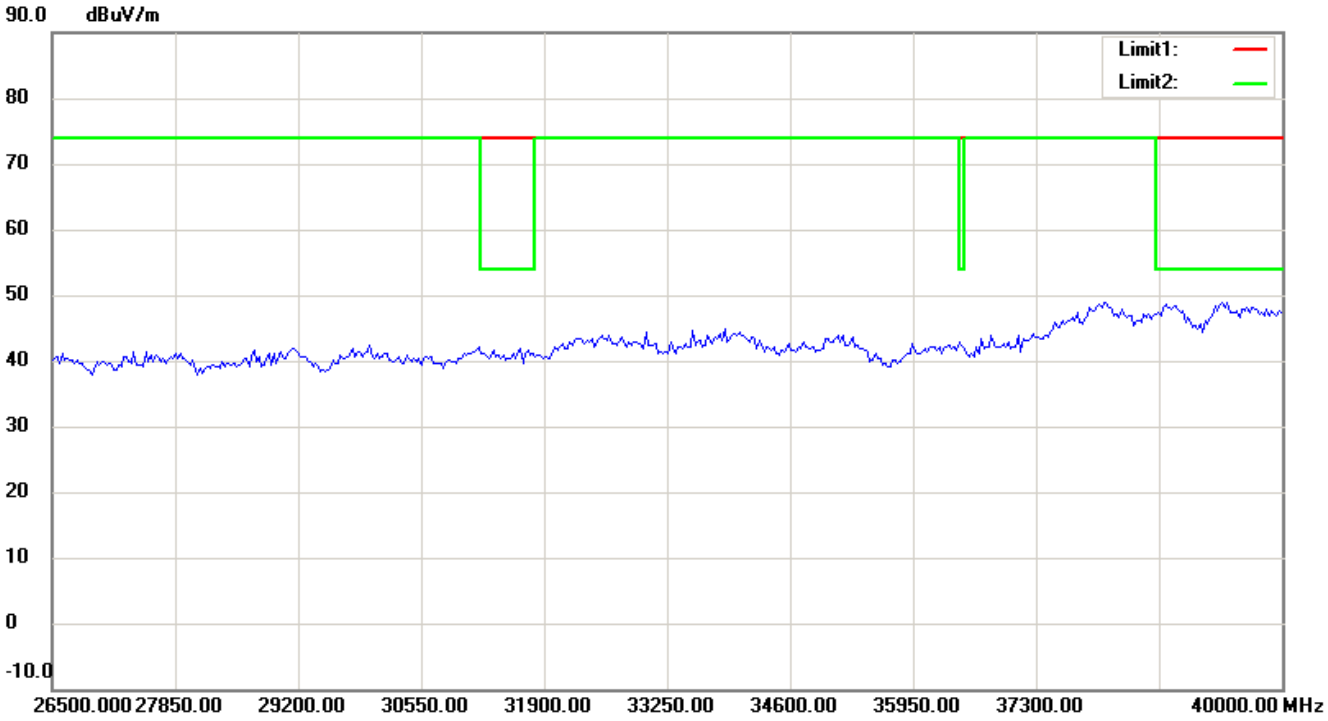

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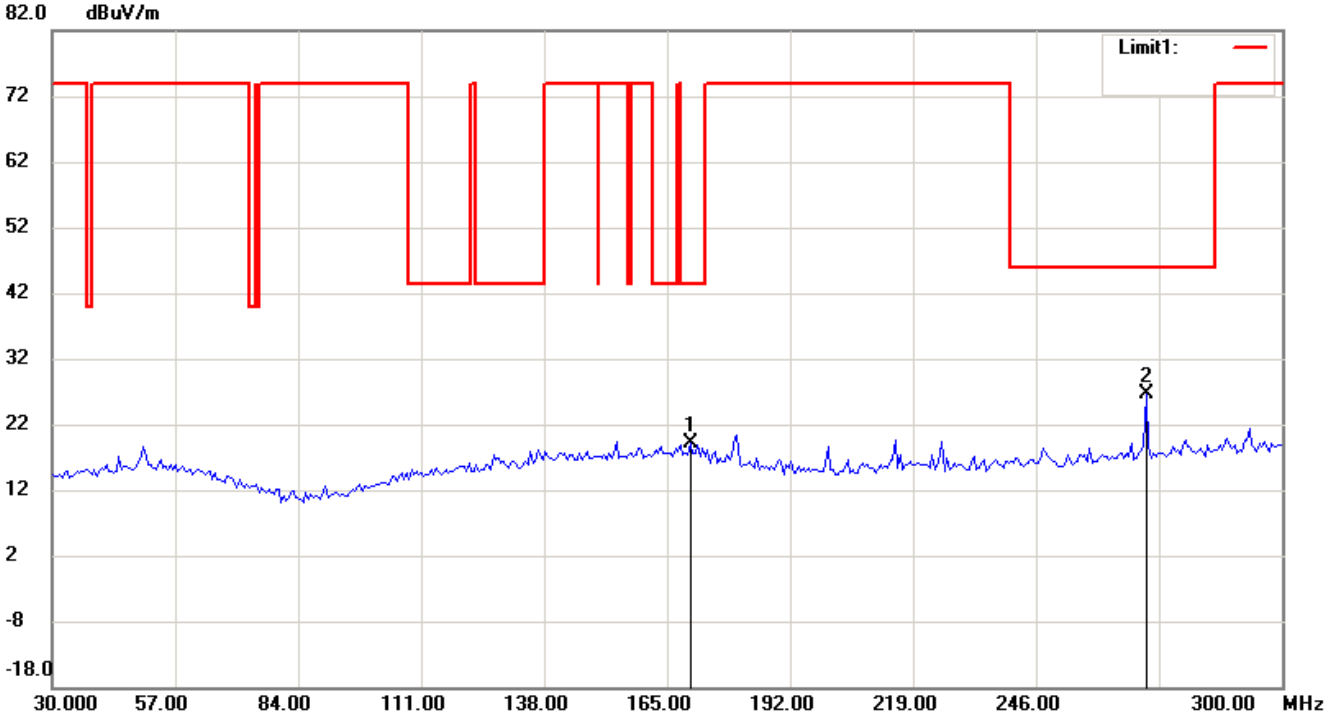
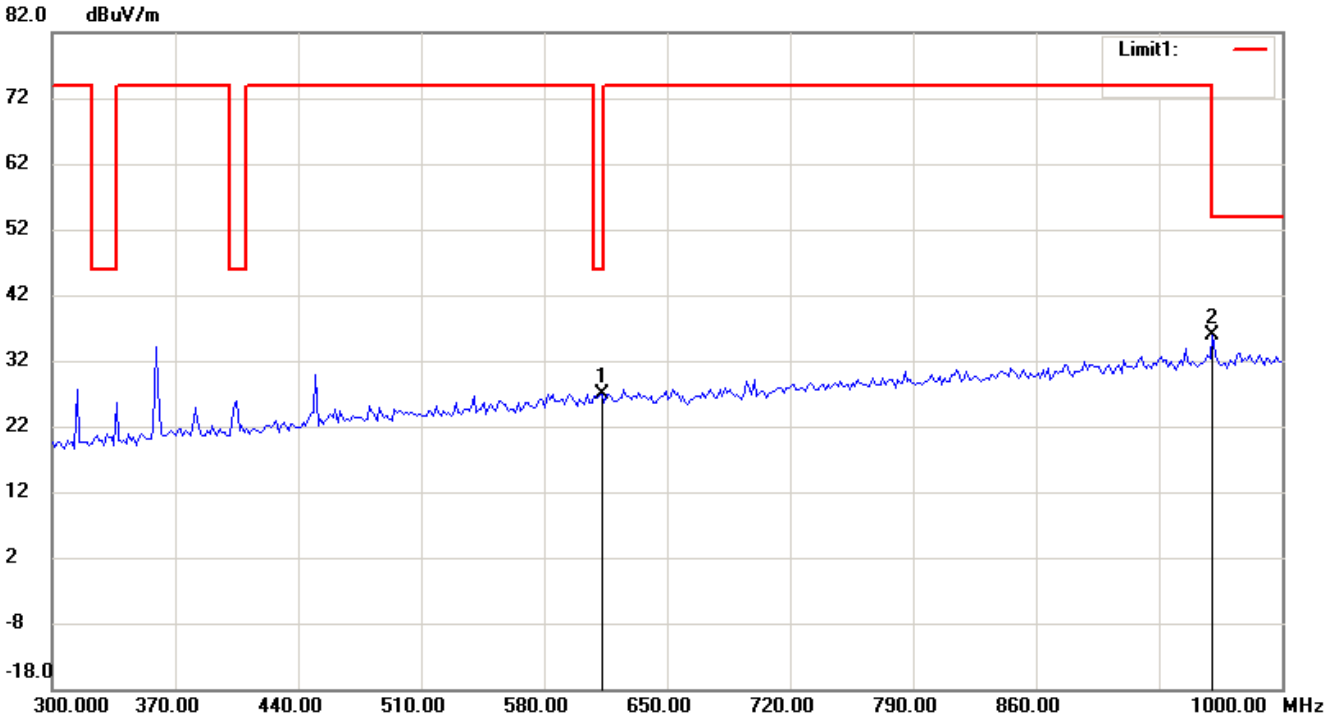
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11n 40M 5795MHz
Antenna Polarization H





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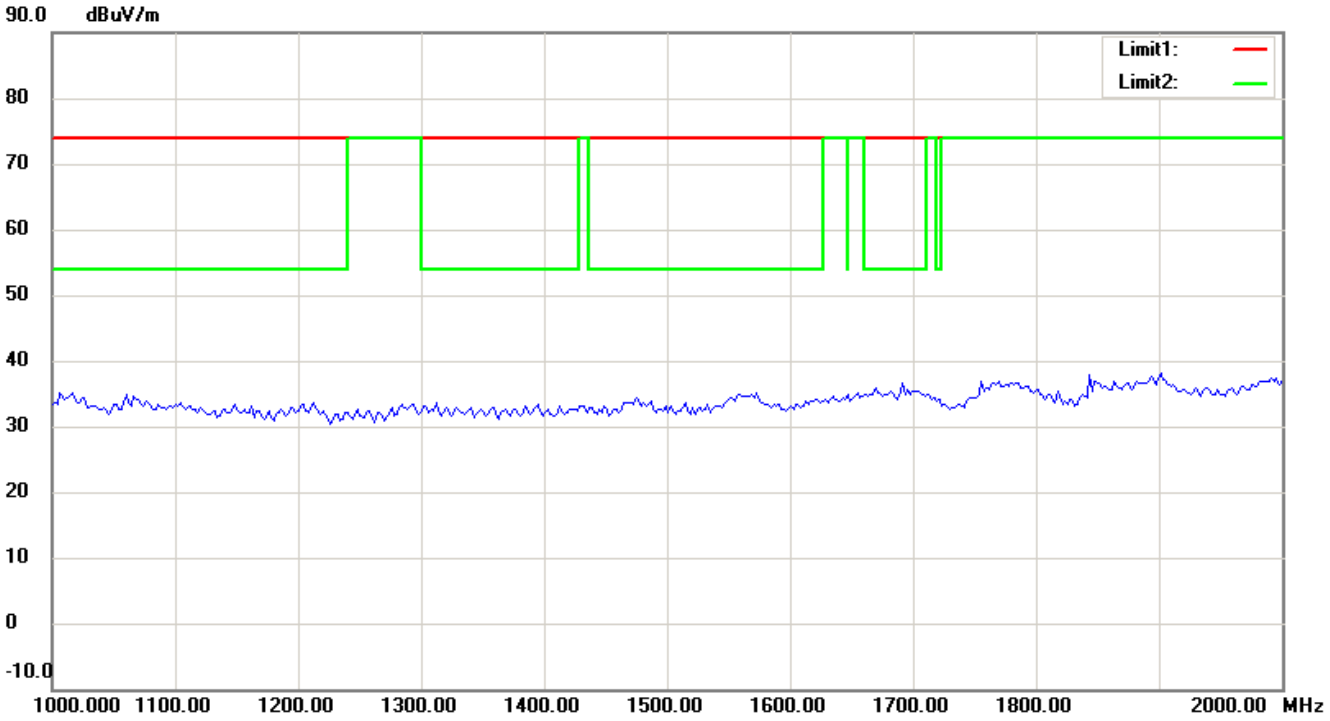
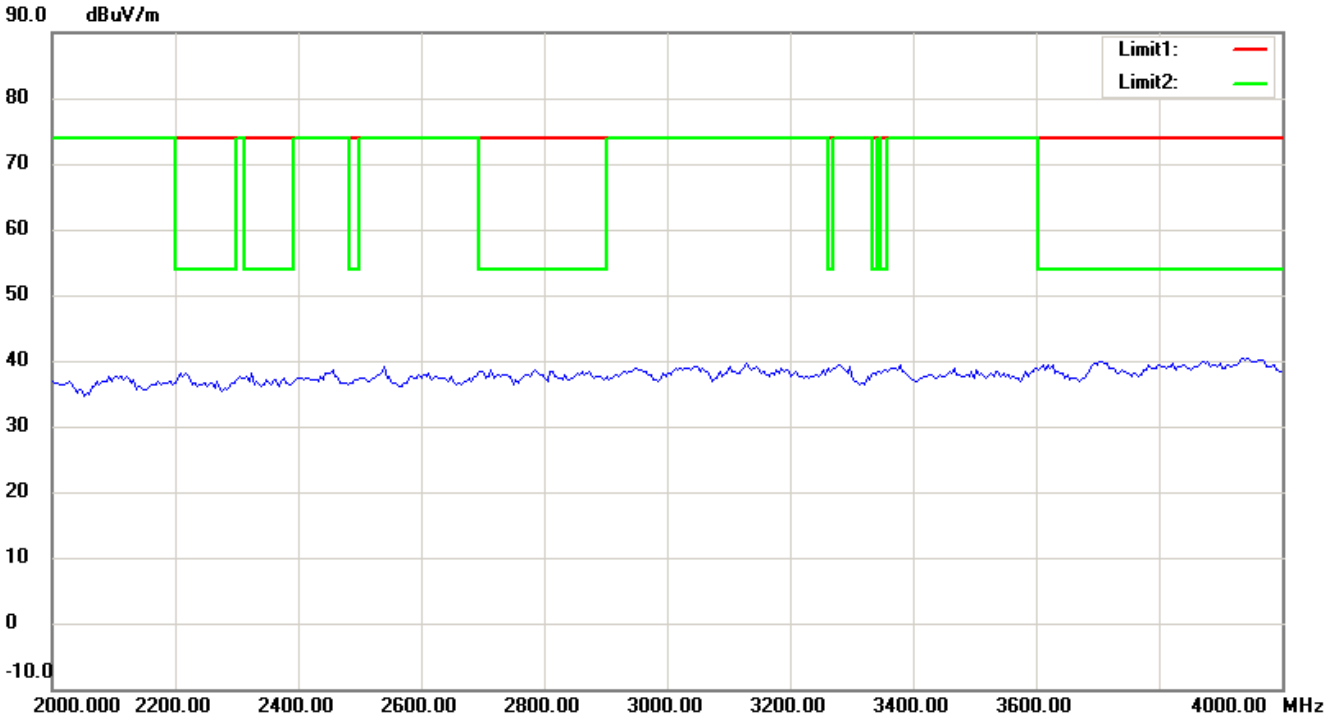
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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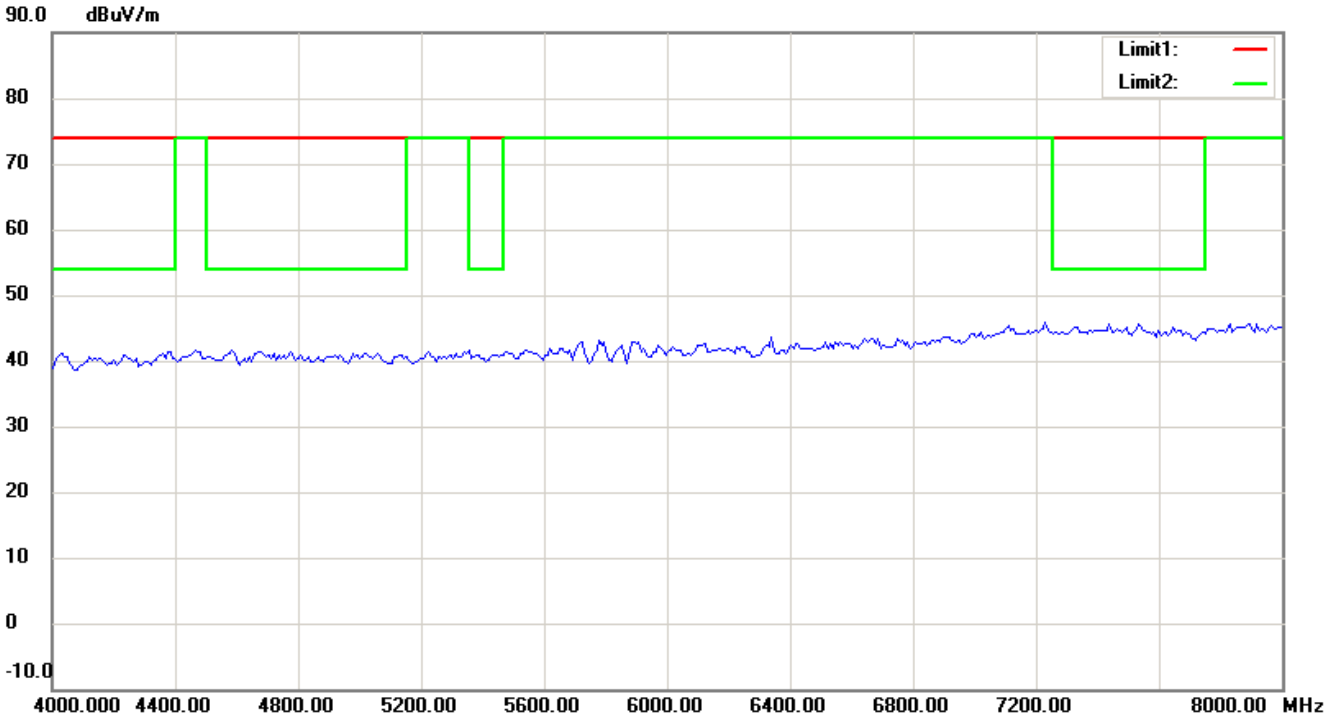
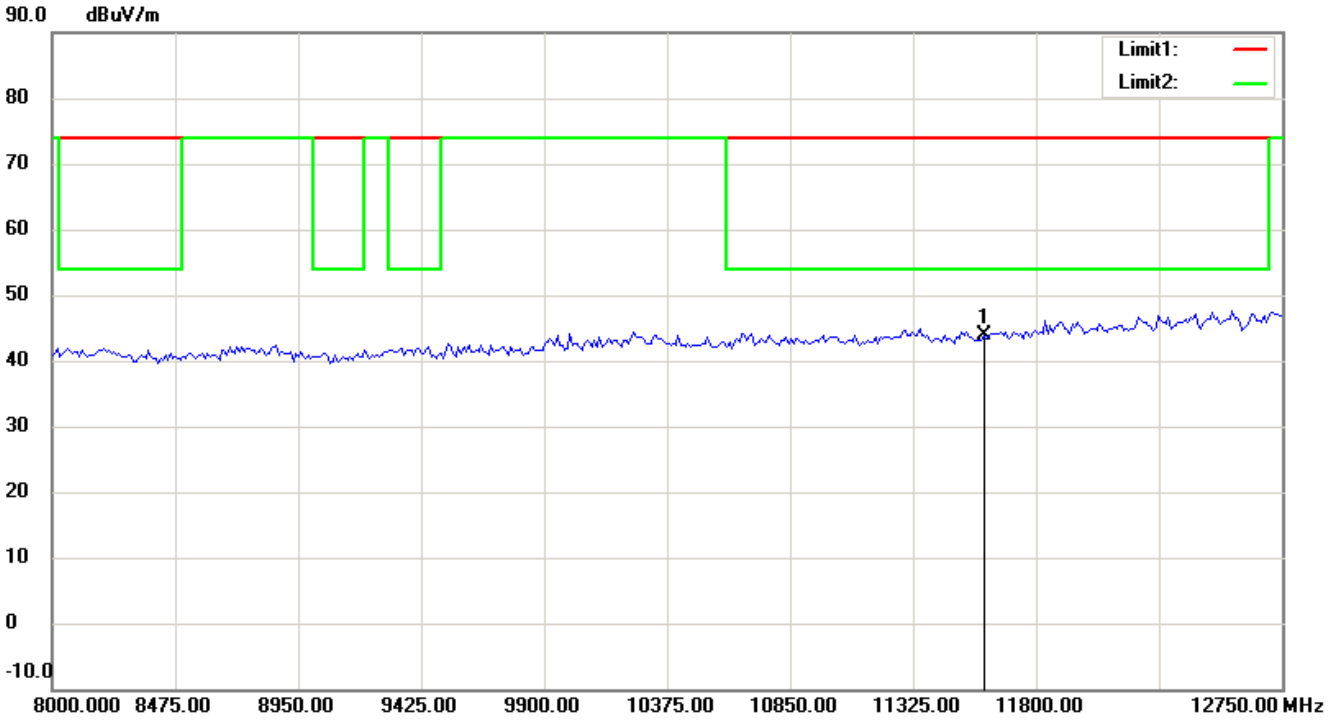
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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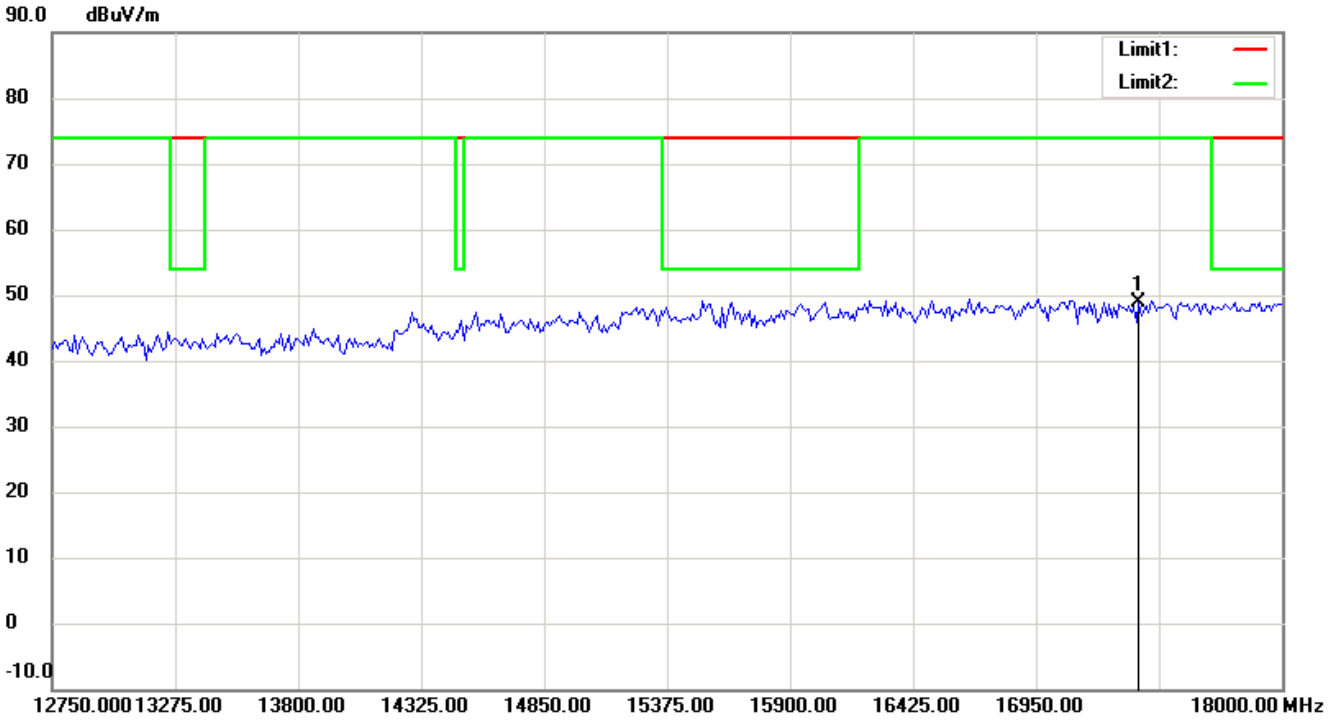

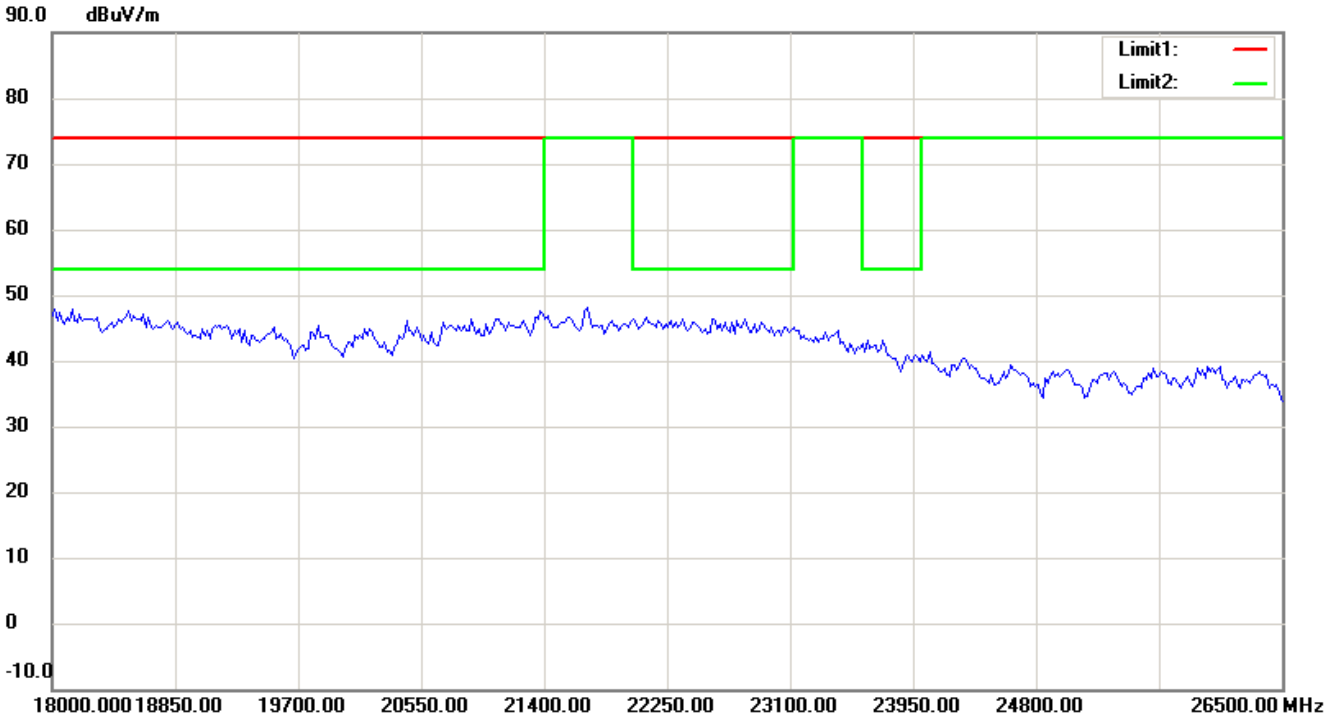

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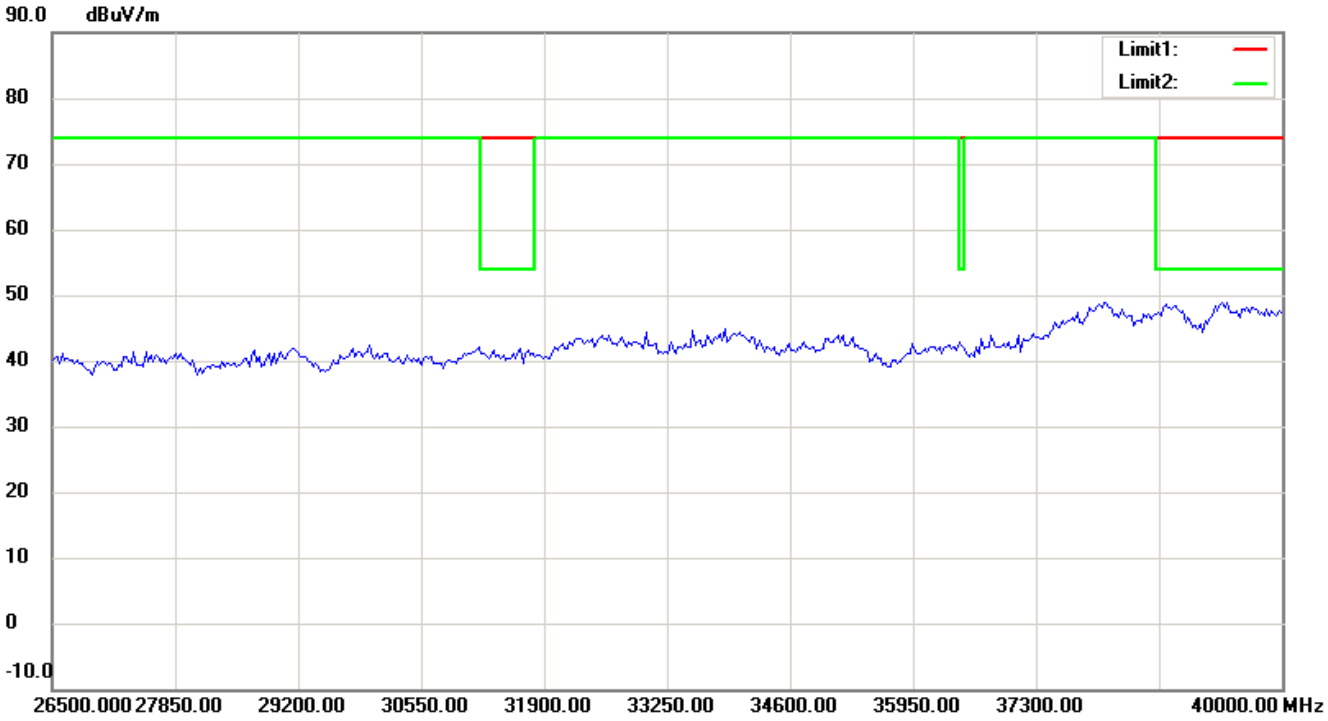
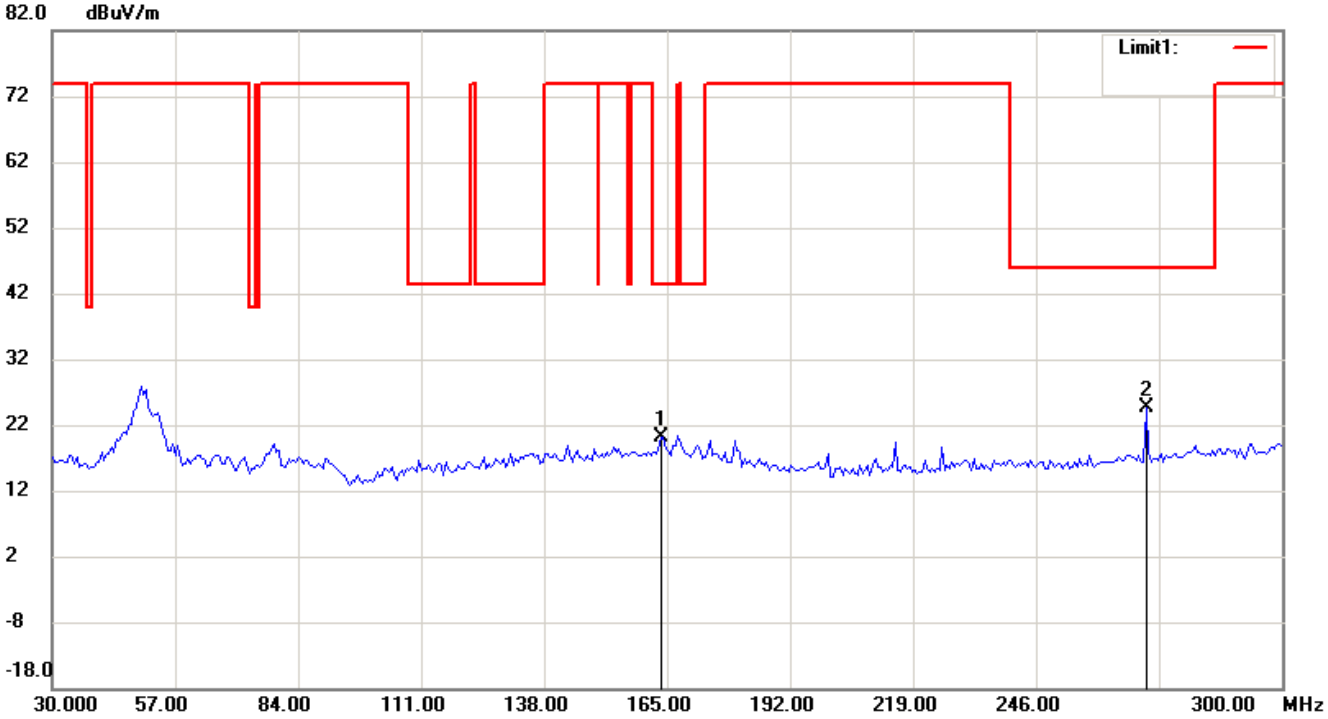
FCC ID: IR5DT6



Antenna Polarization V



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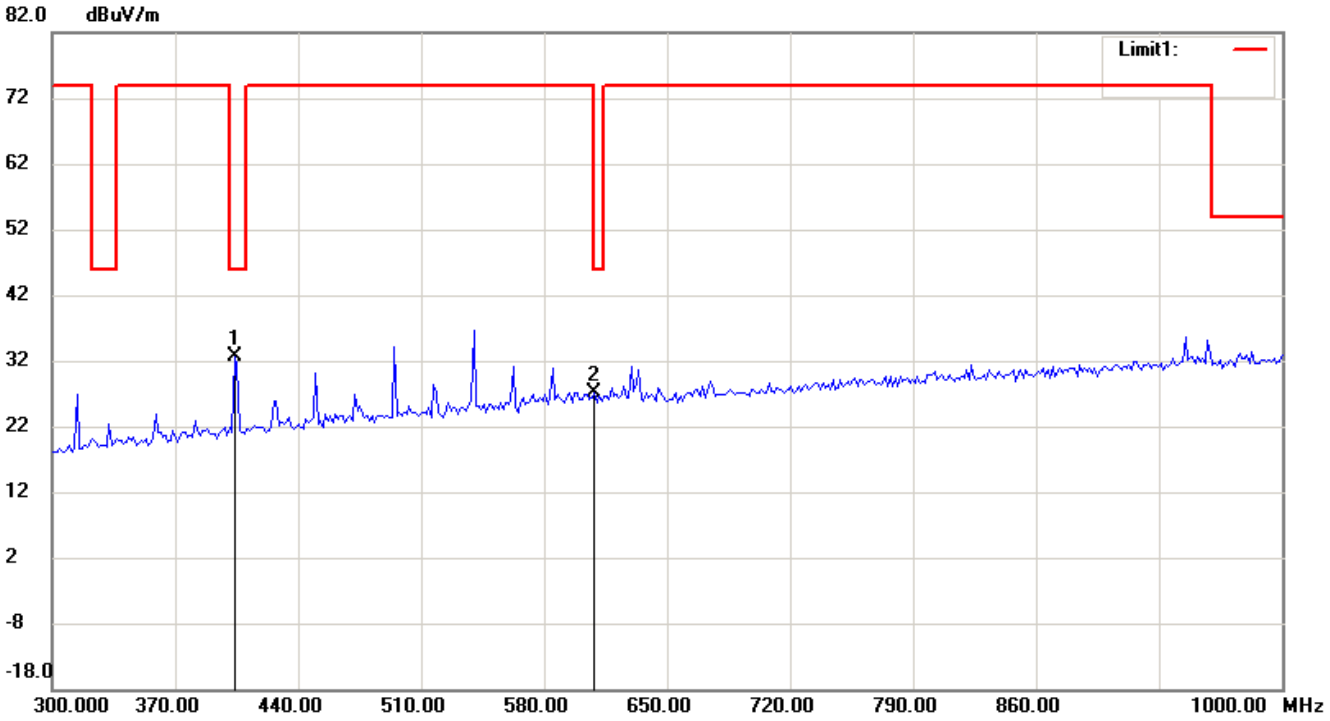
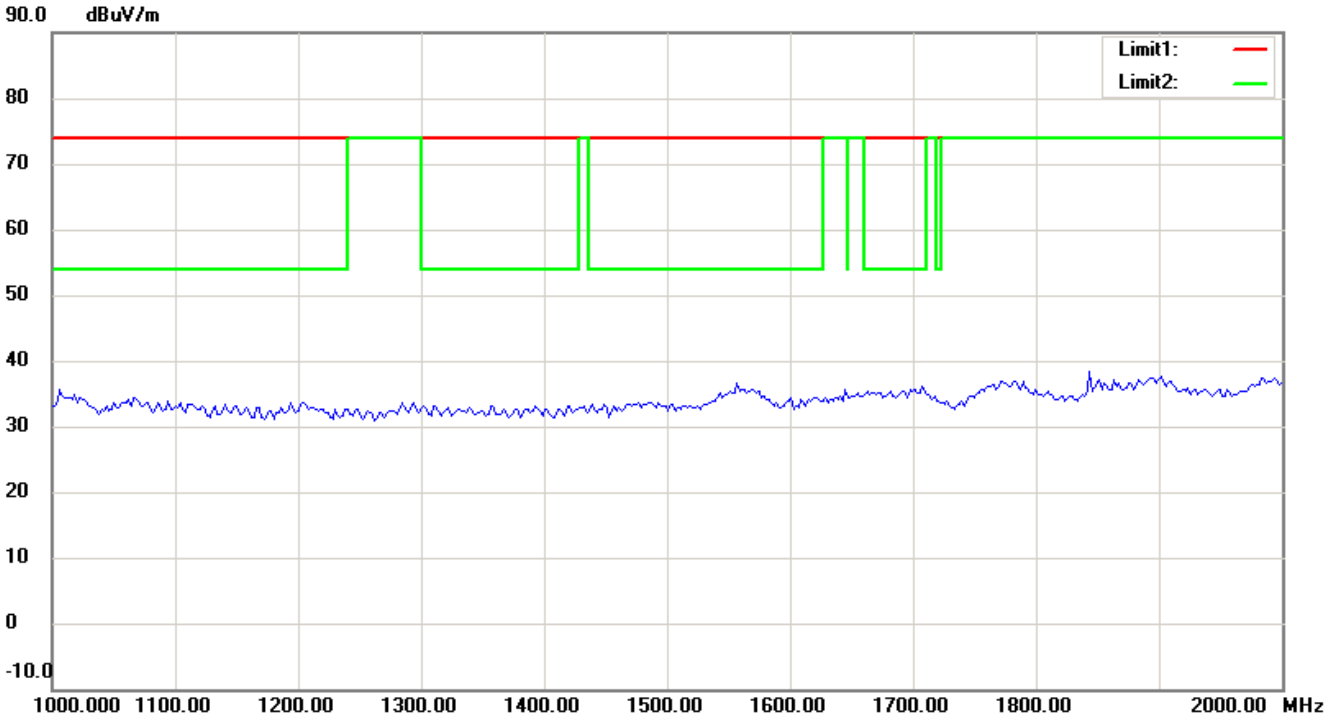
FCC ID: IR5DT6





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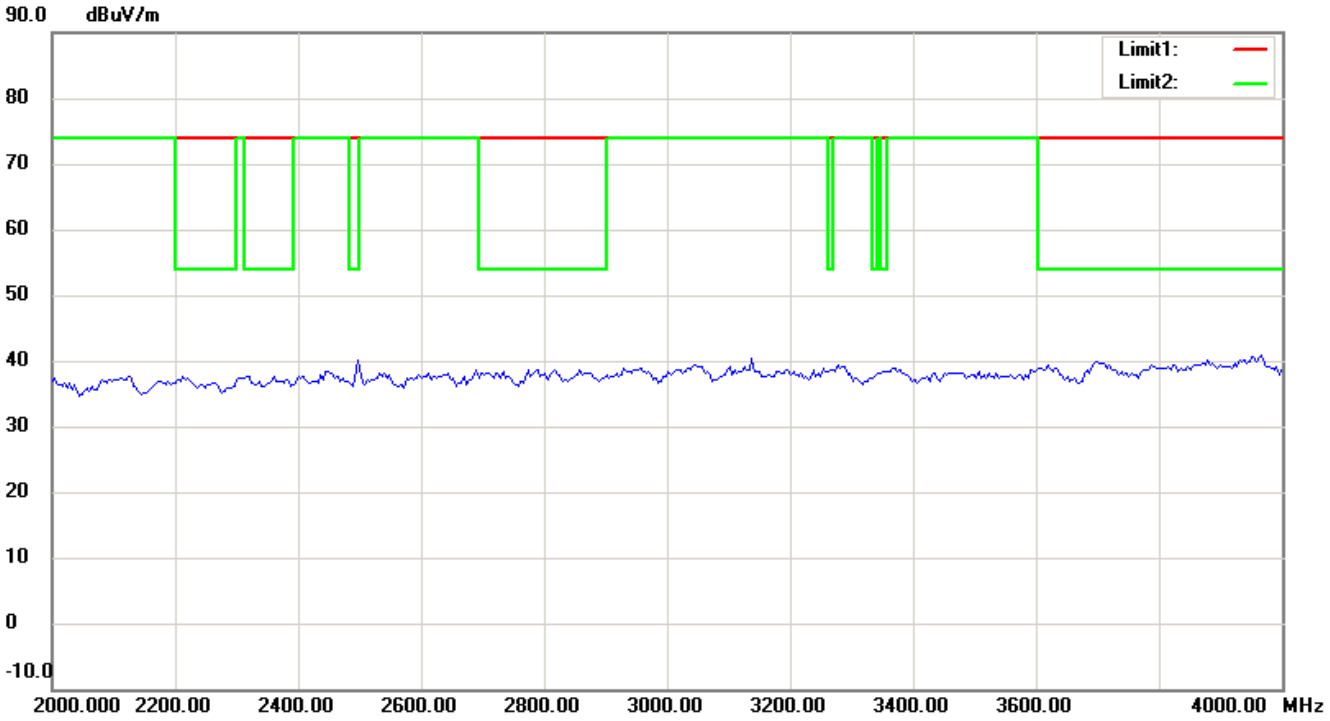

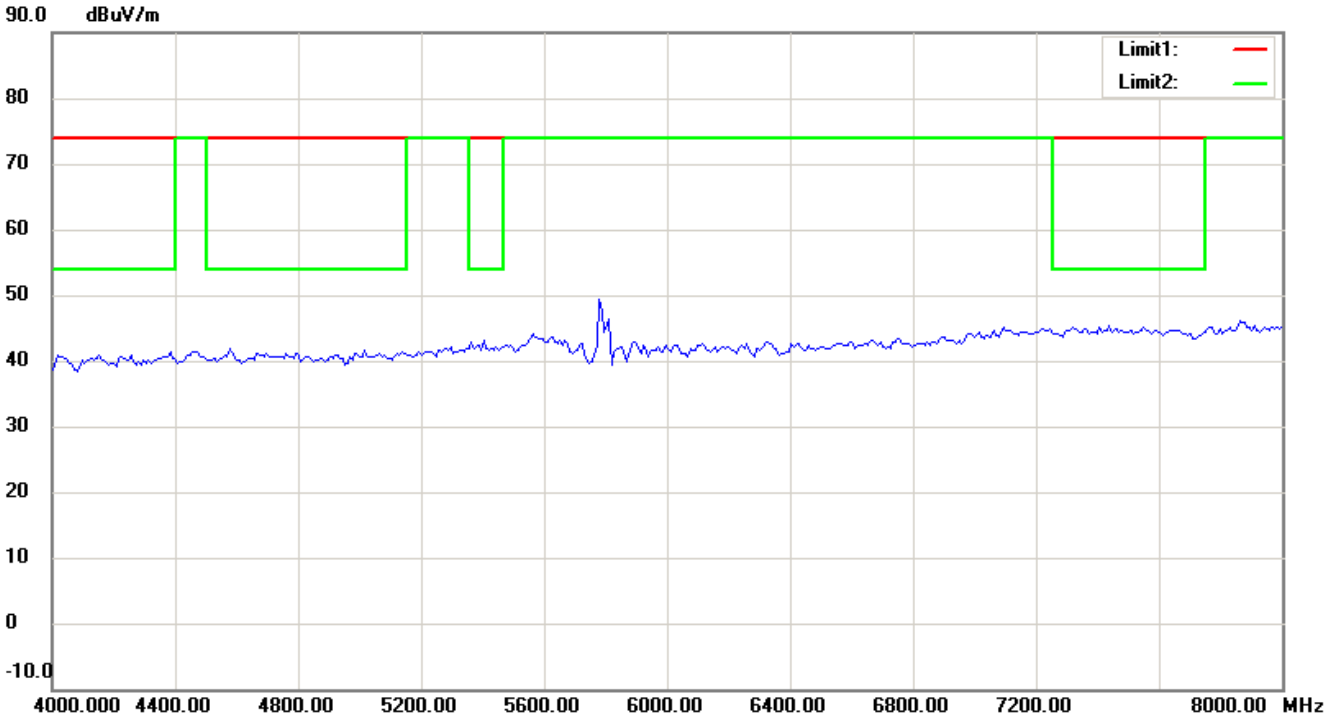

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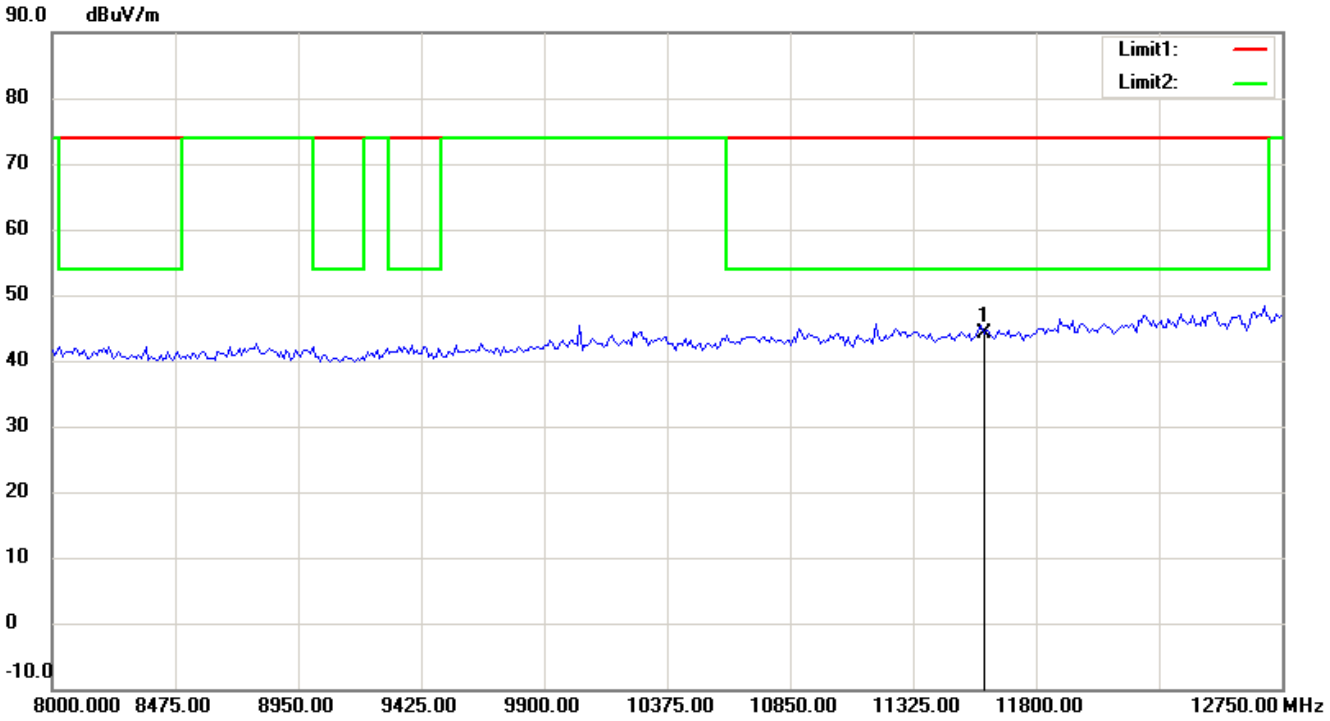

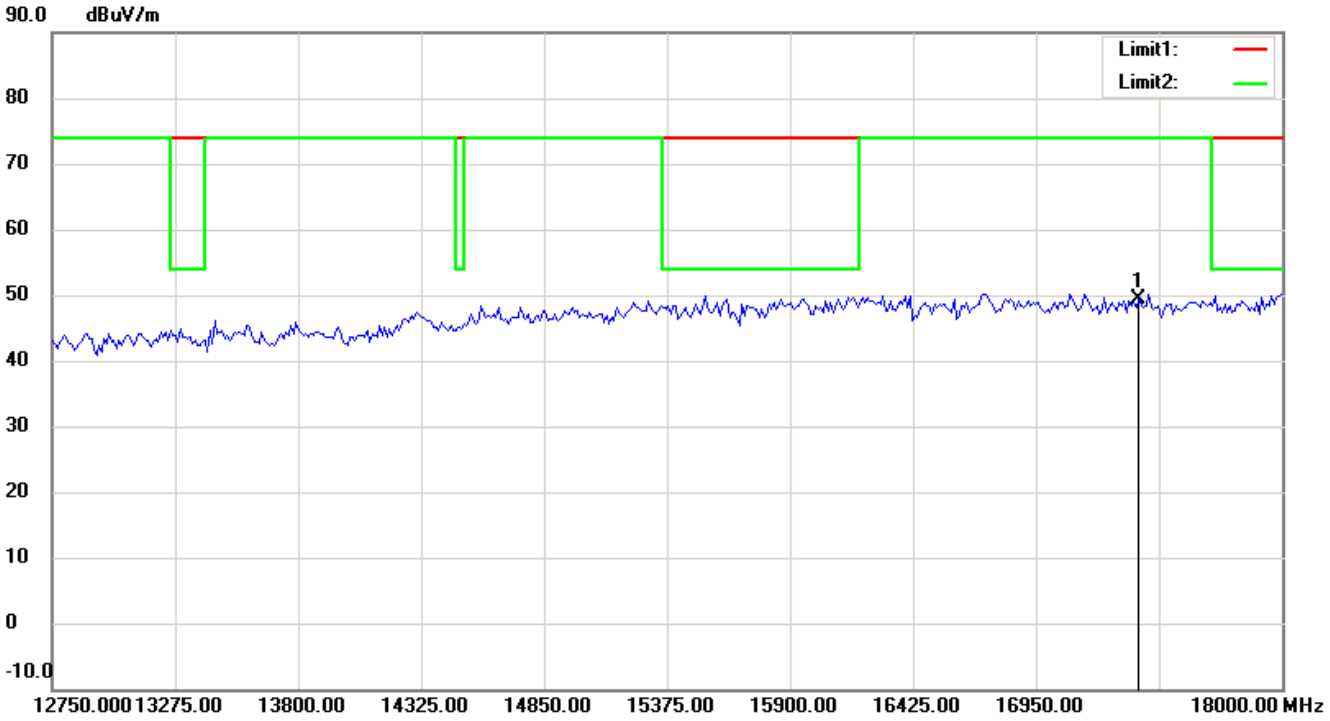

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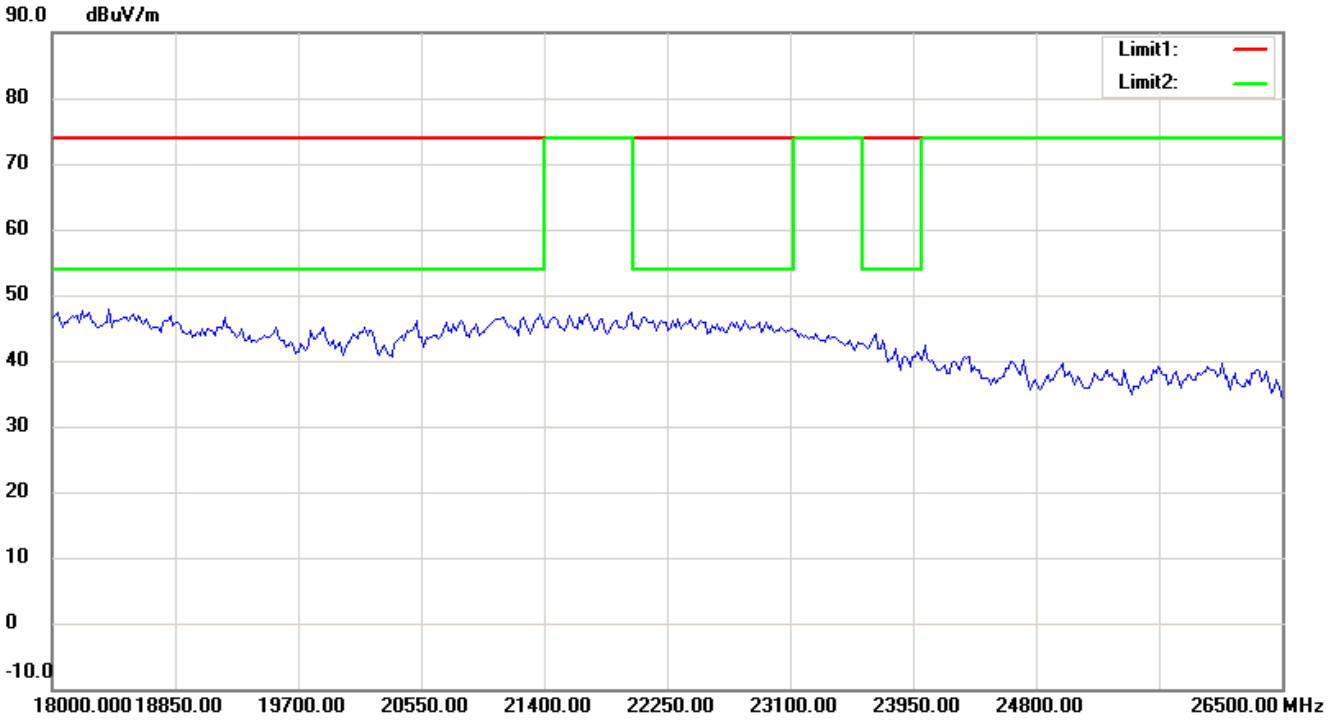

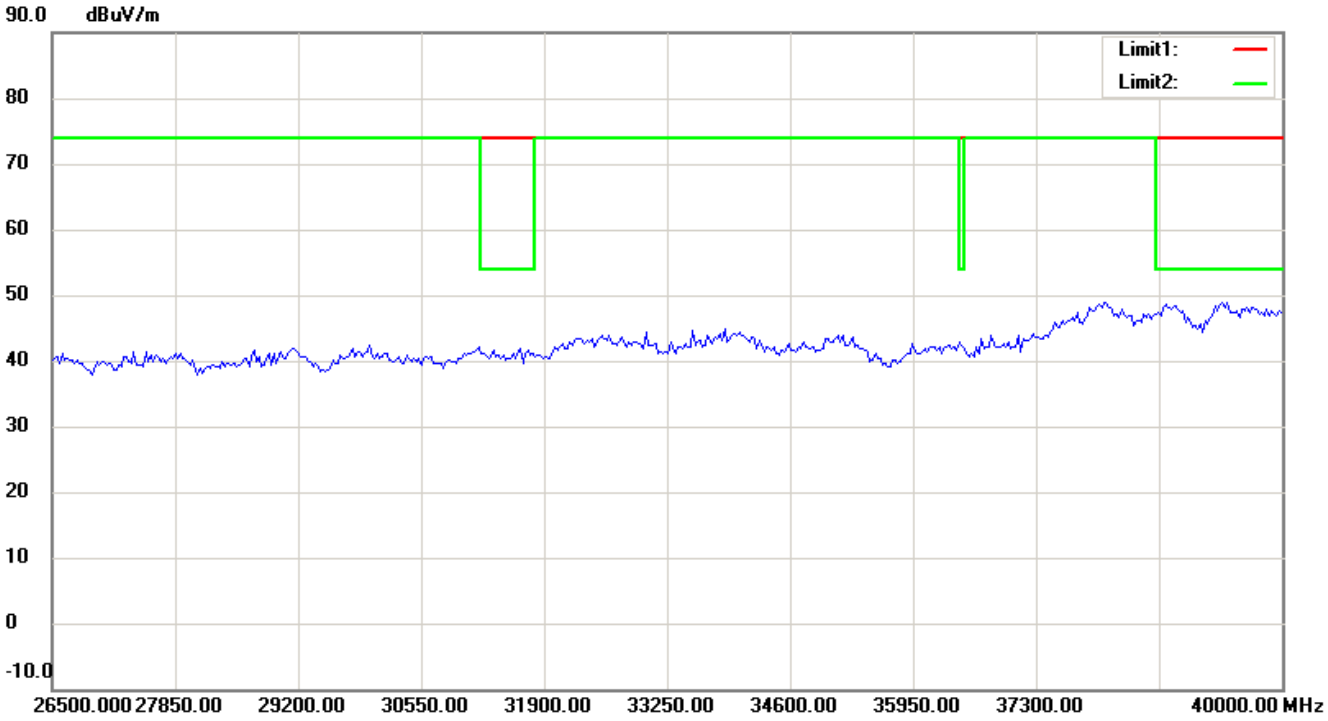

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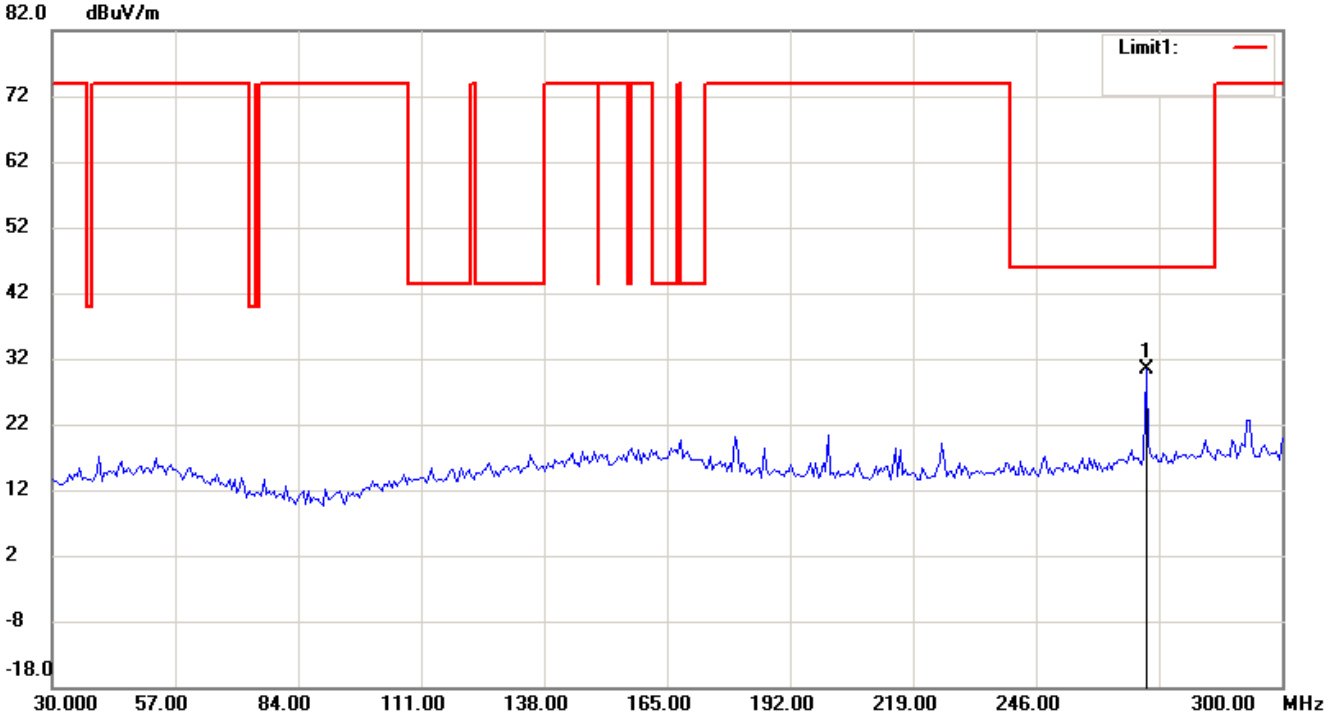
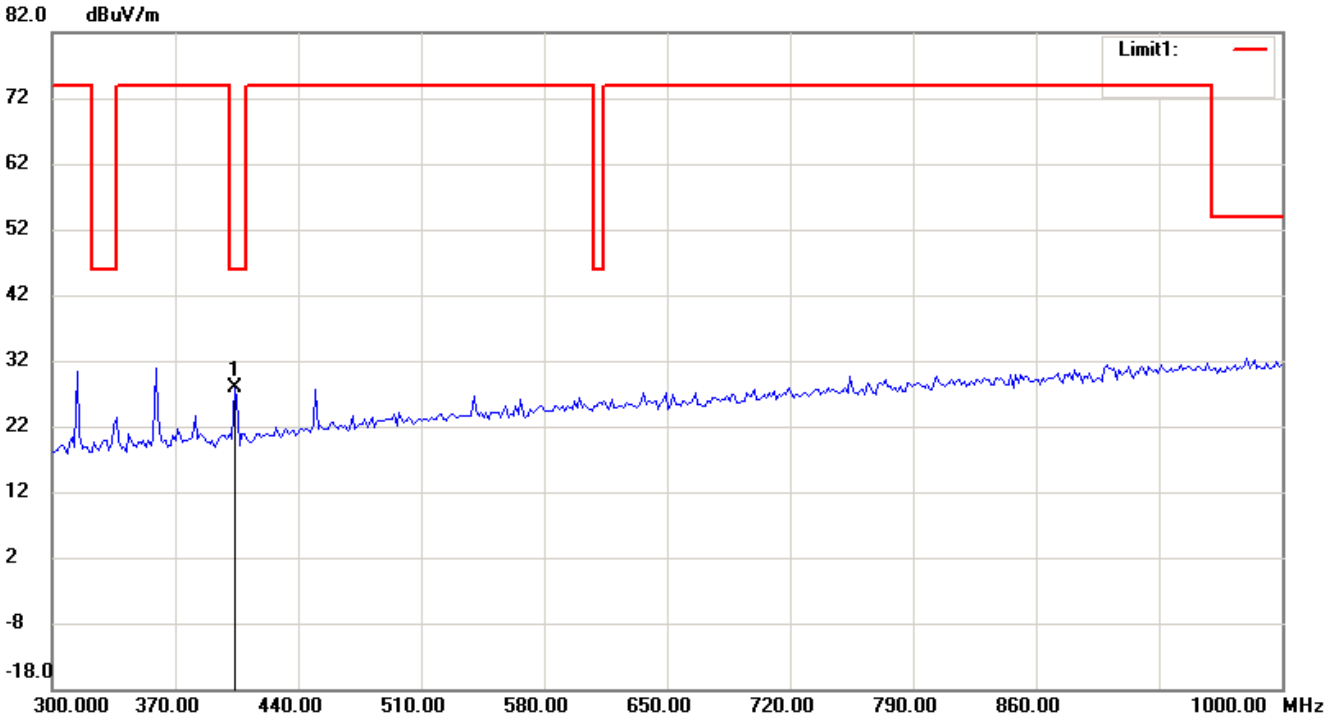
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11b 2412MHz
Antenna Polarization H





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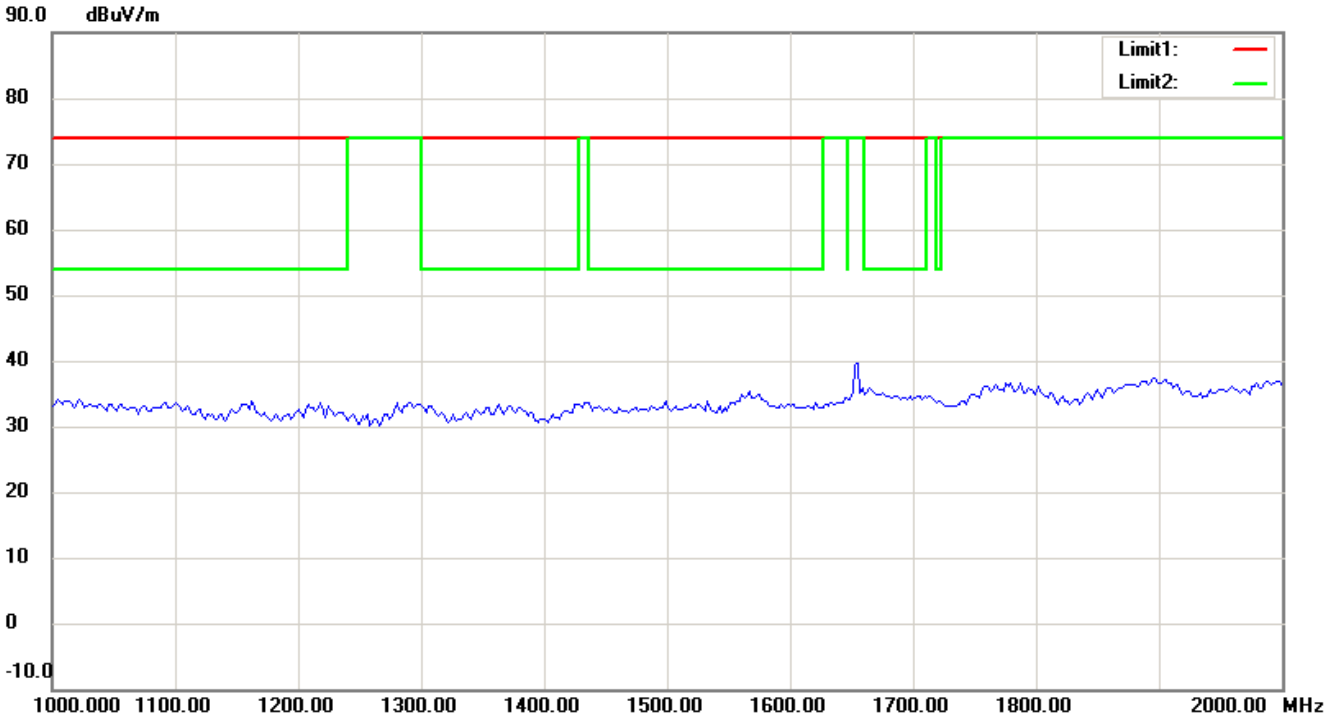

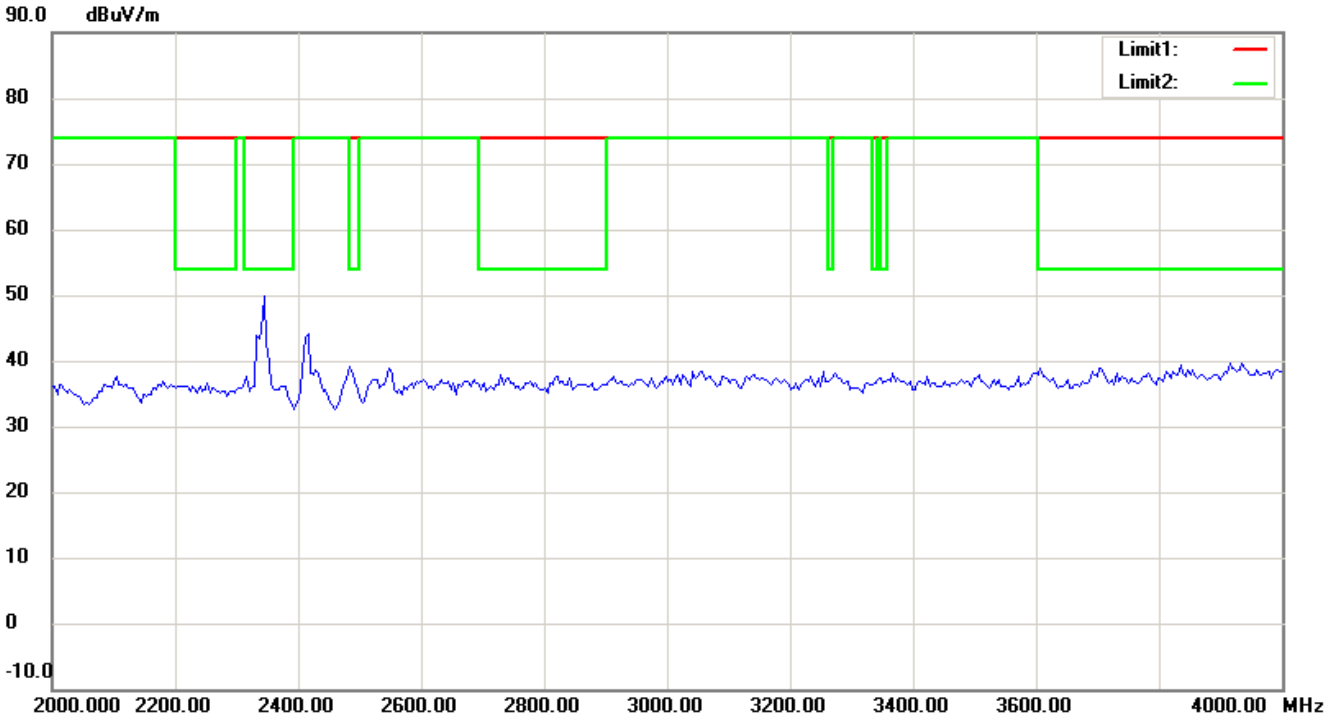

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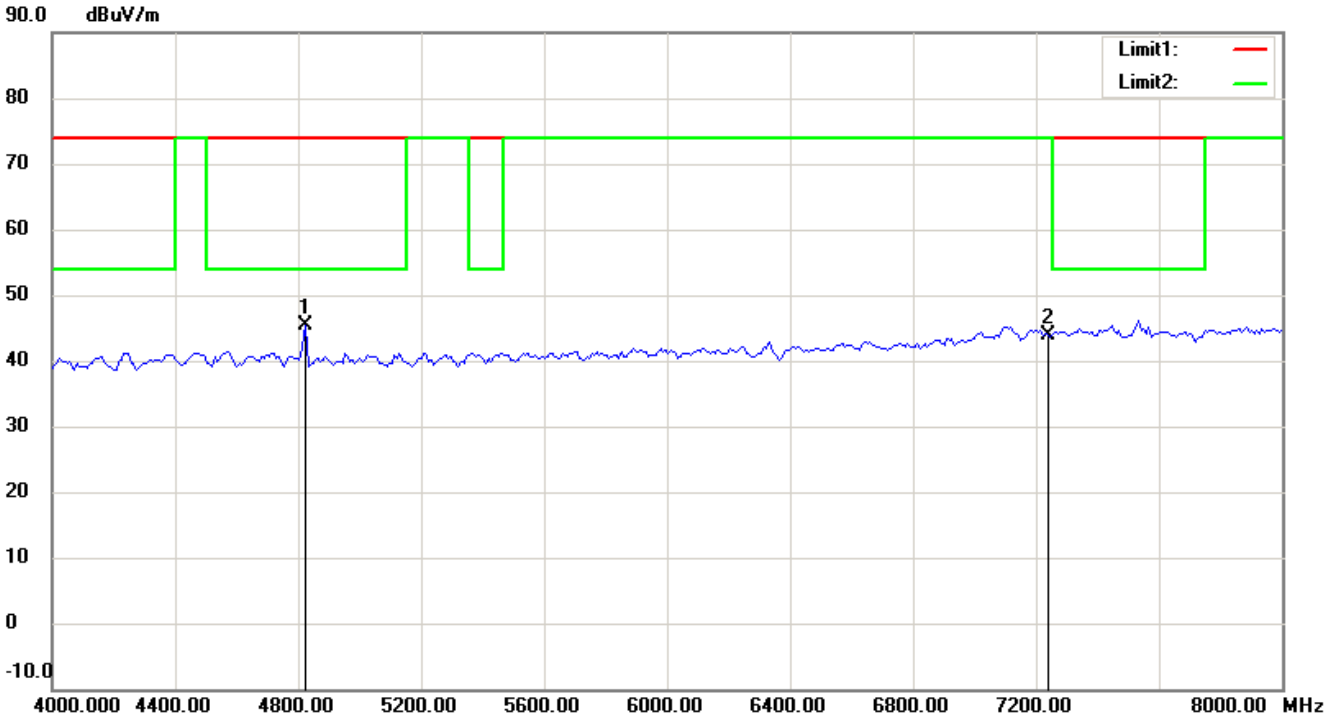

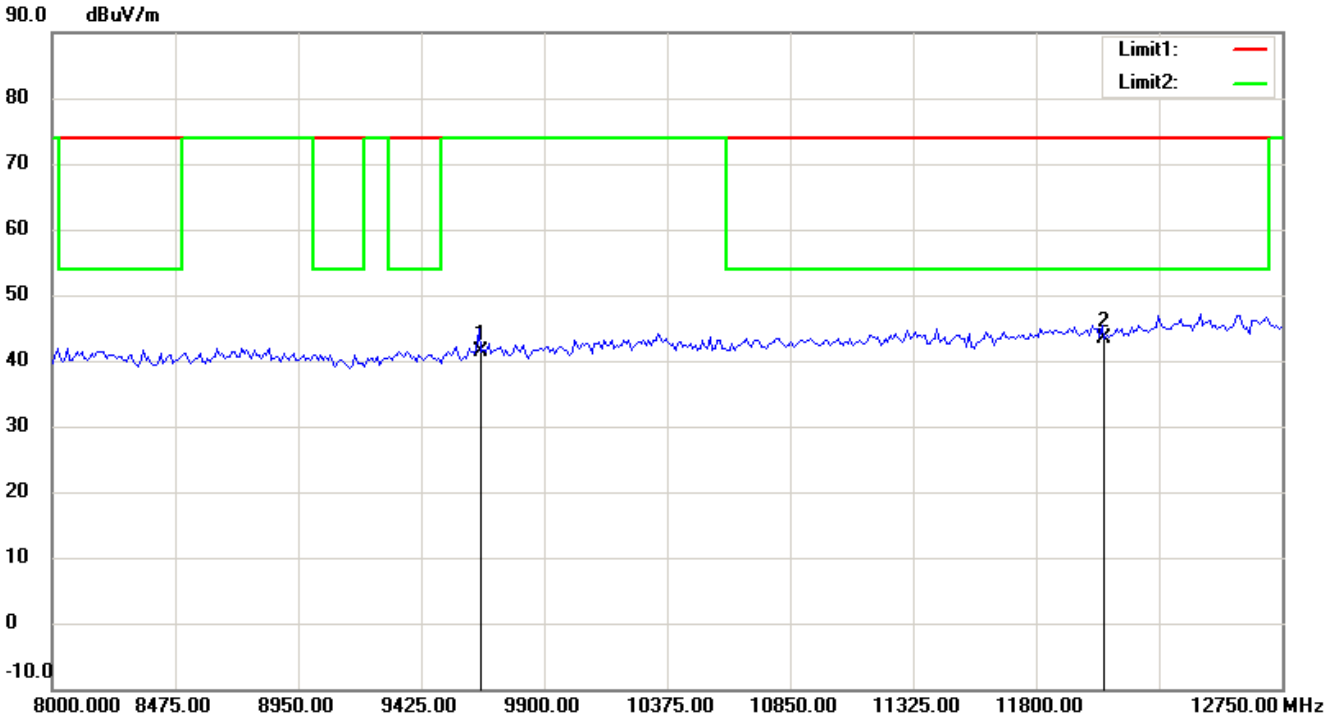

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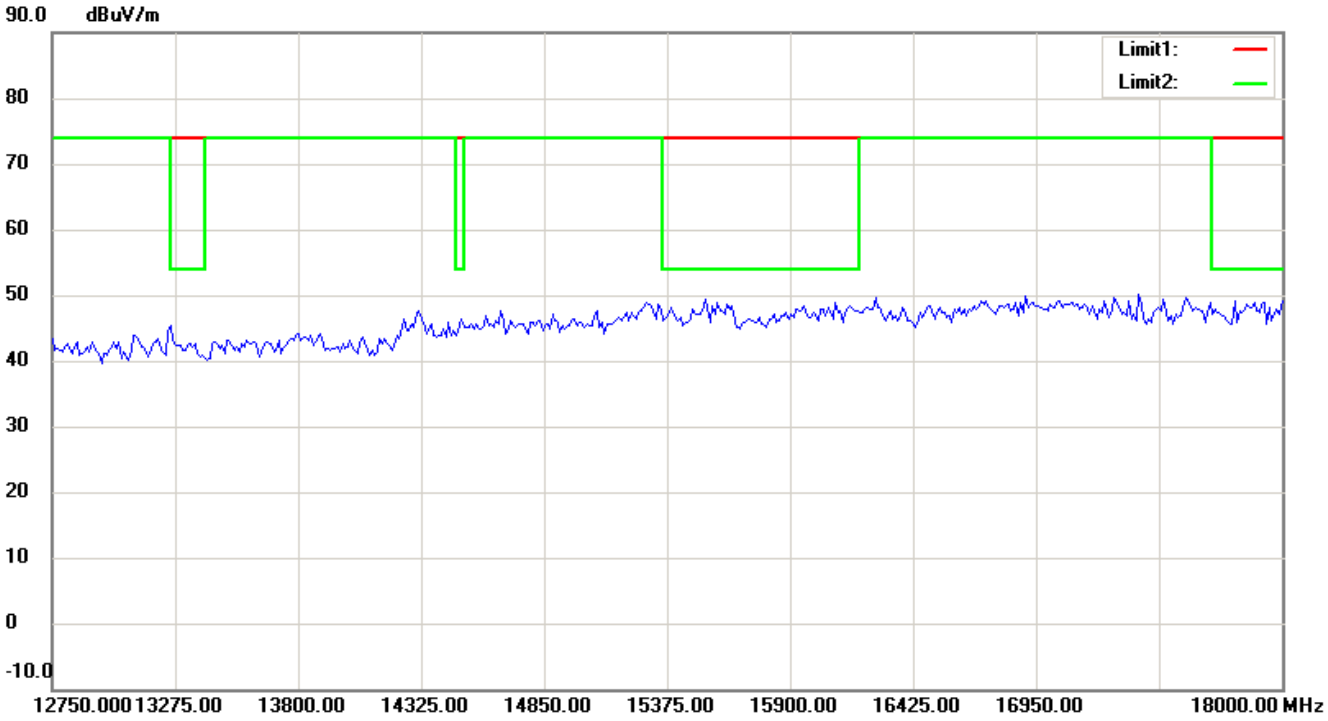
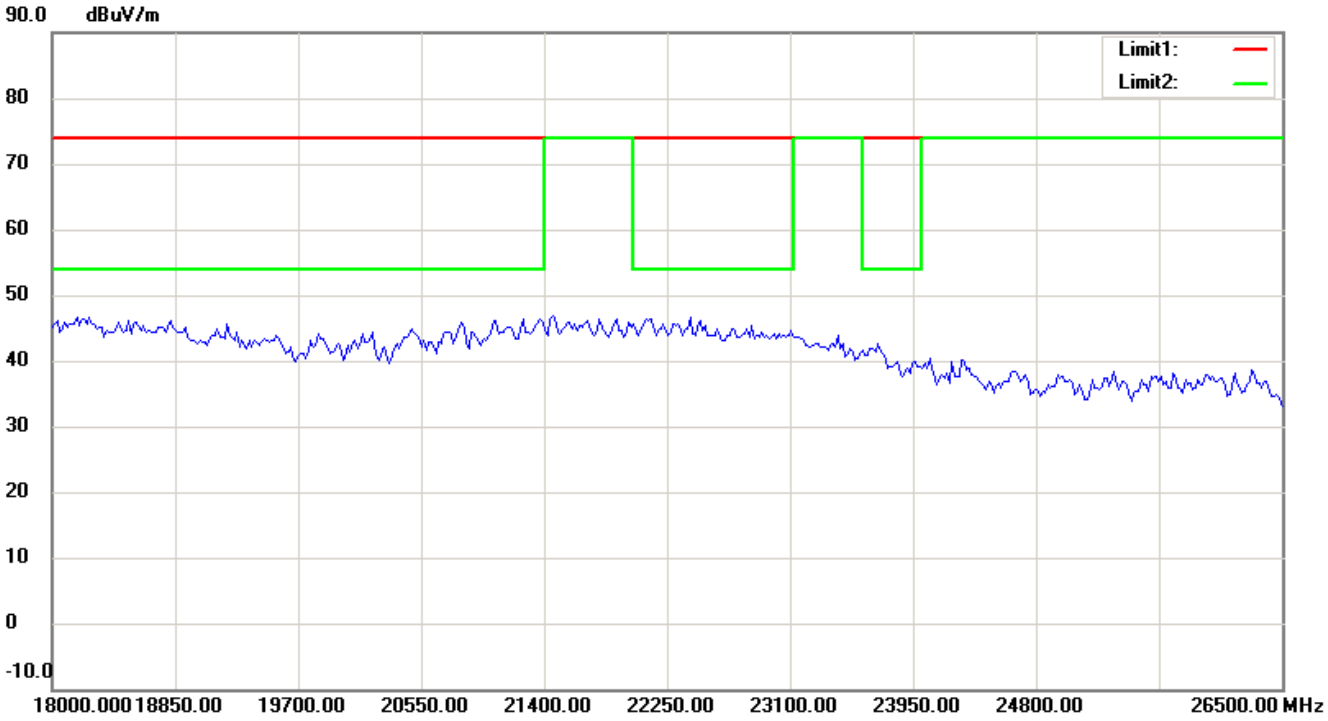


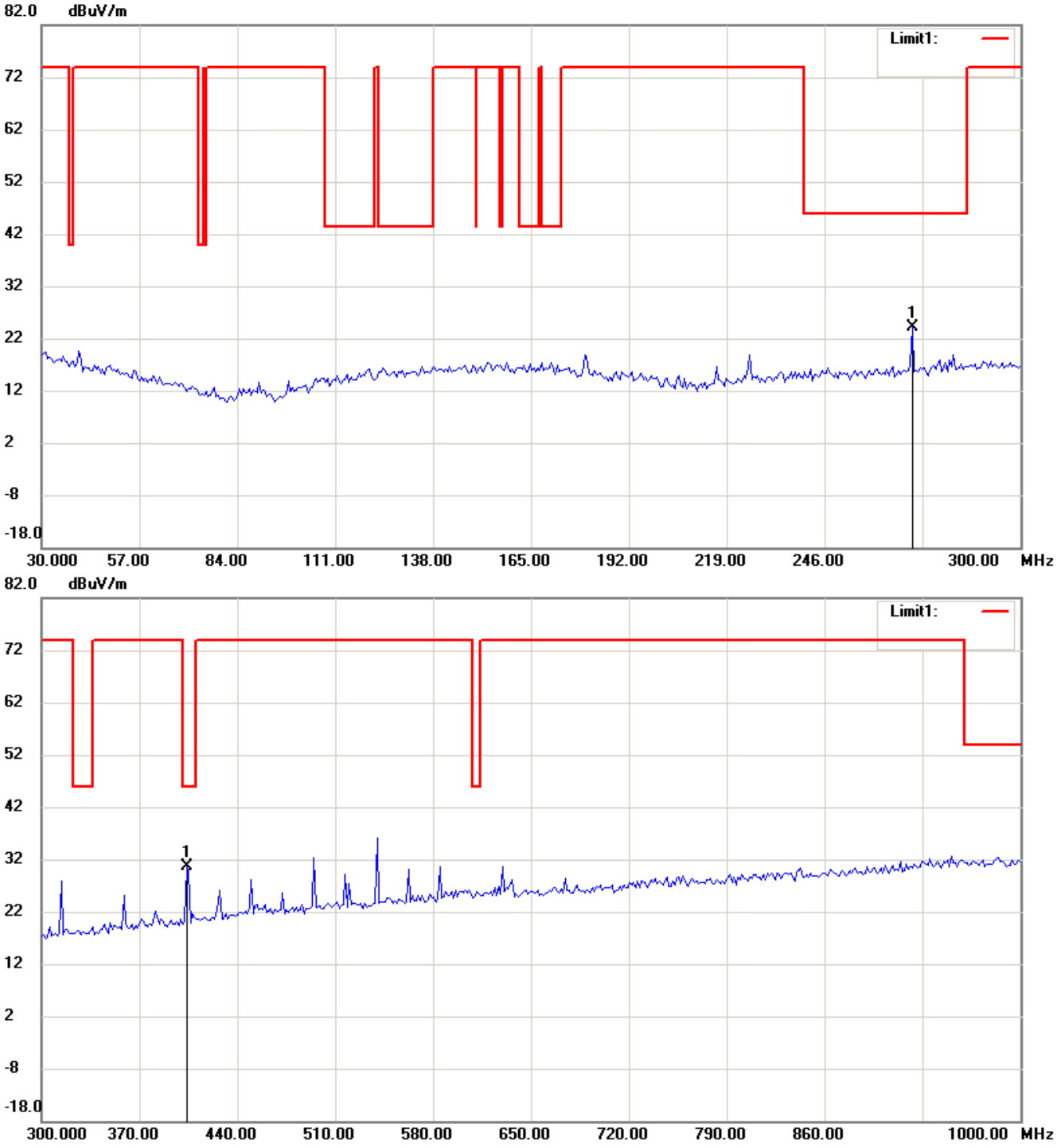


Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

1. **The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.**
2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
3. **For corrected test results are listed in the relevant table of radiated test data of this test report.**

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

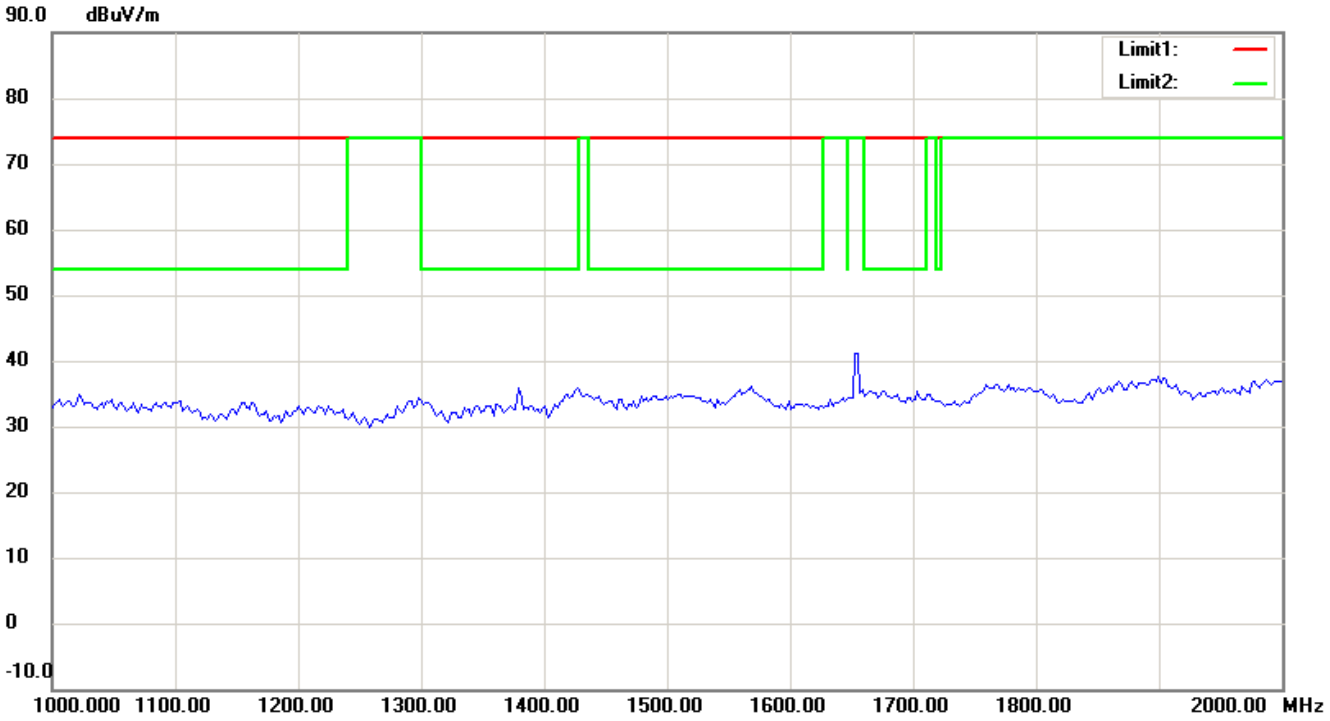
Antenna Polarization V

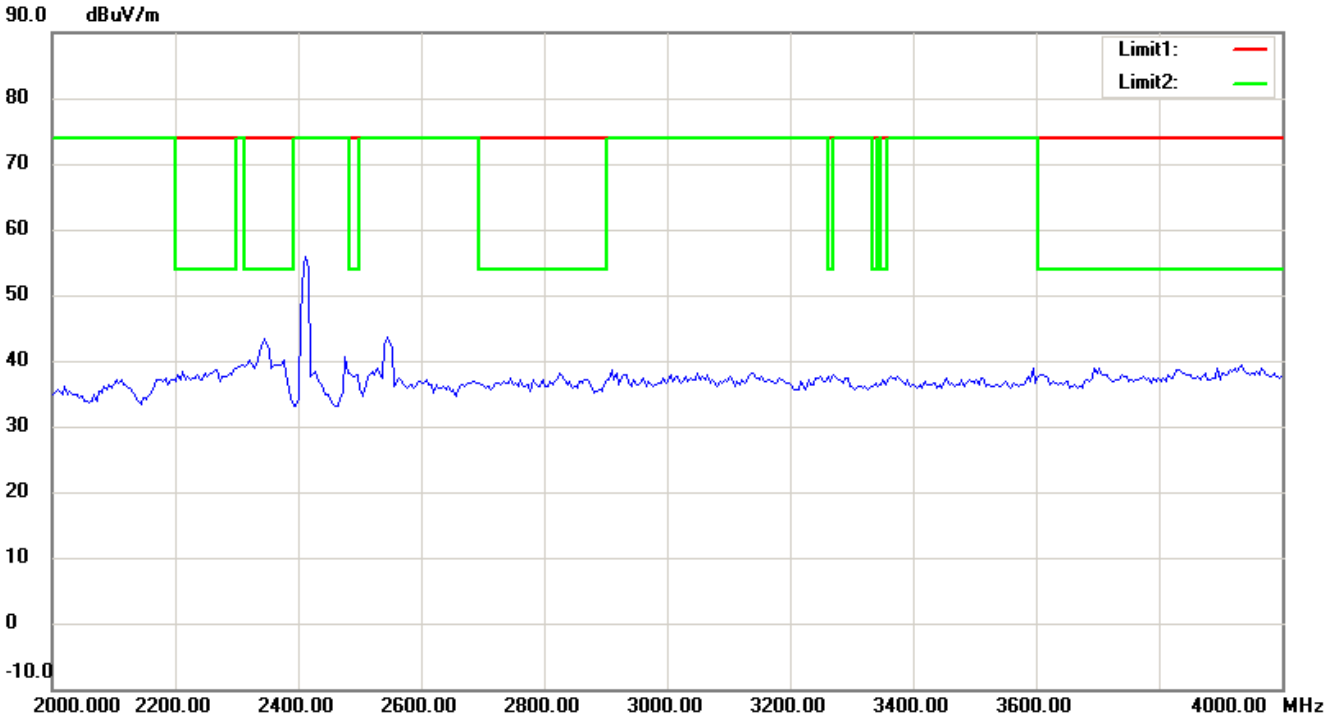


Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

1. **The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.**
2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
3. **For corrected test results are listed in the relevant table of radiated test data of this test report.**

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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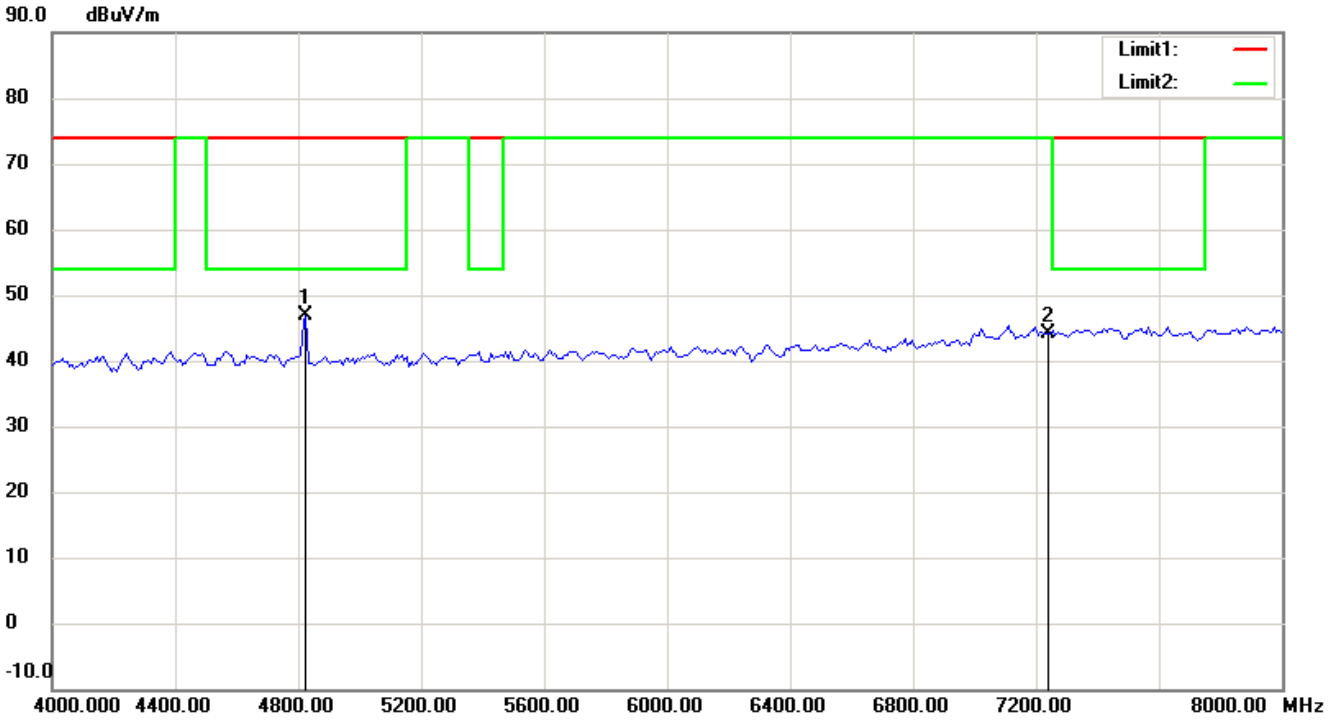
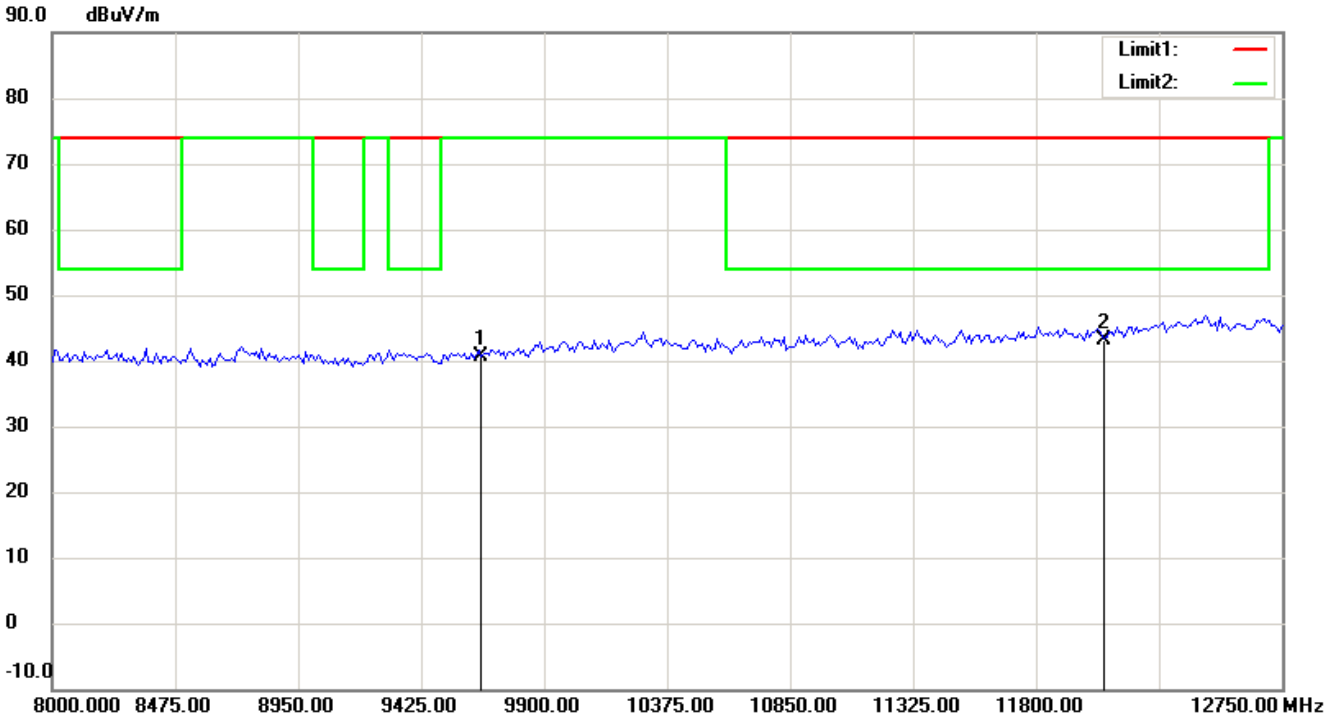
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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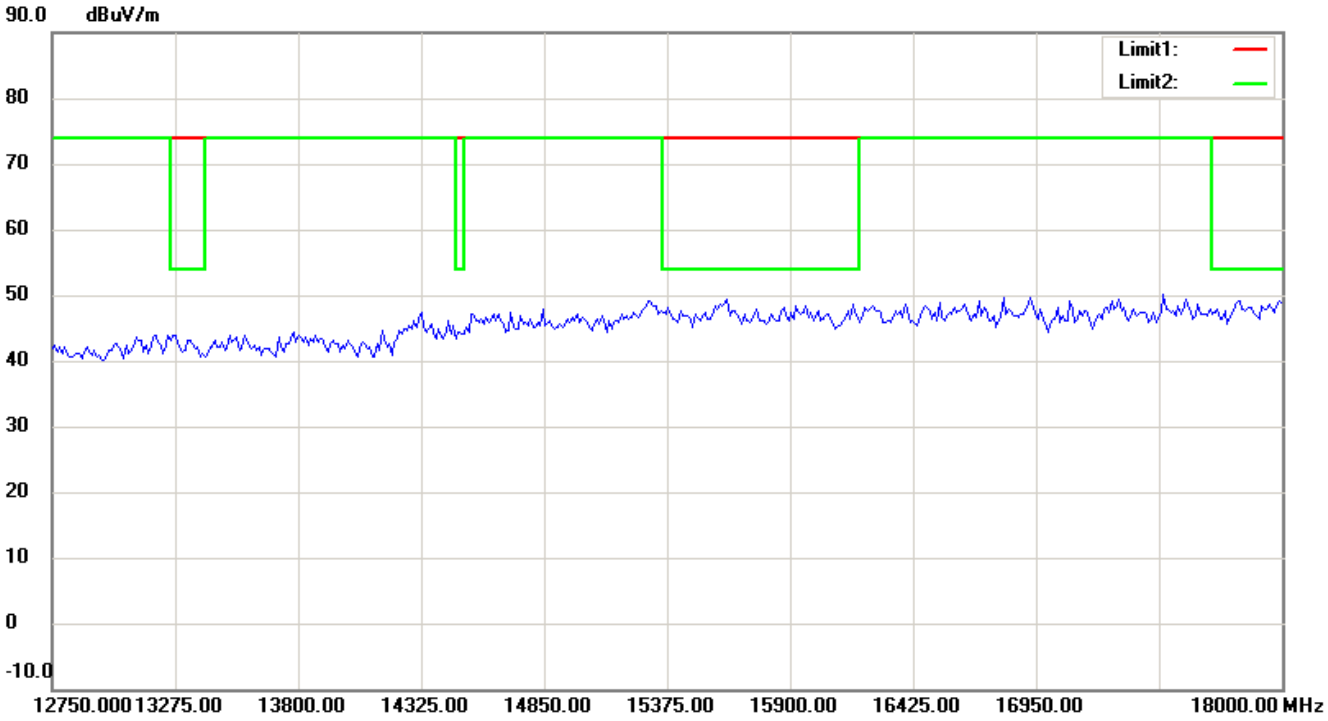
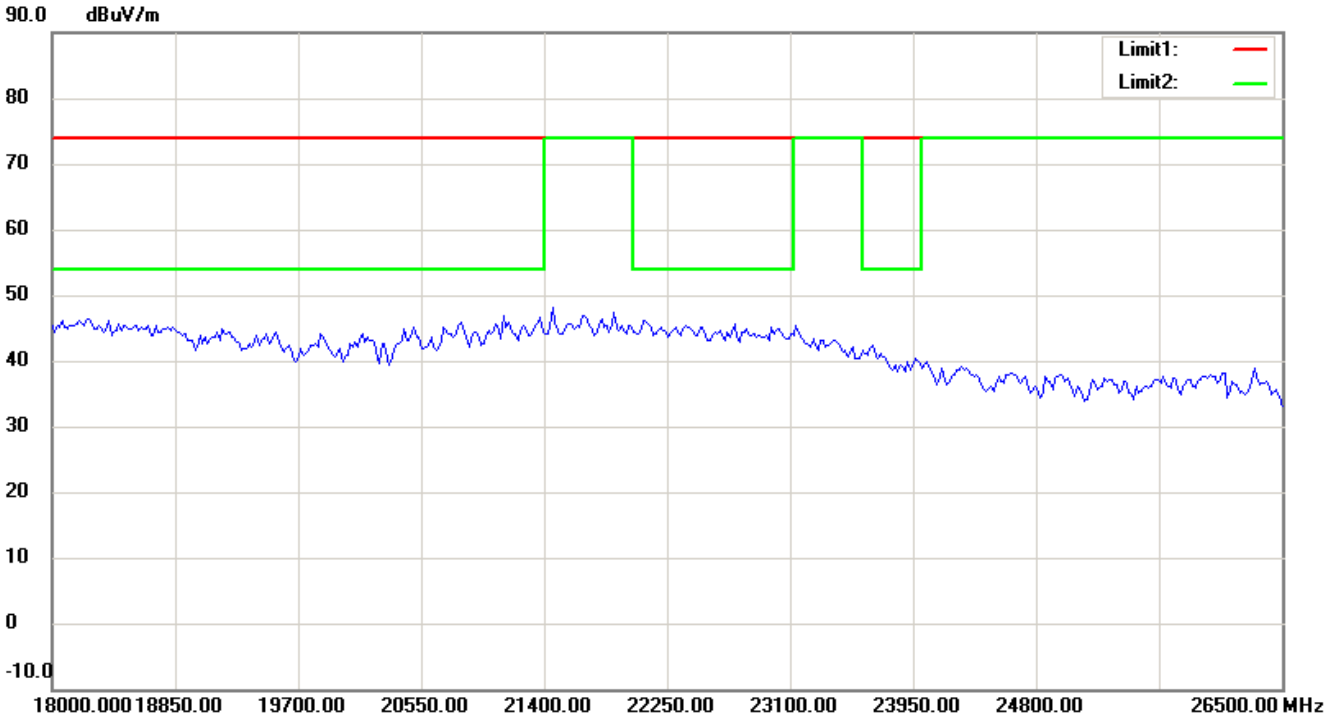
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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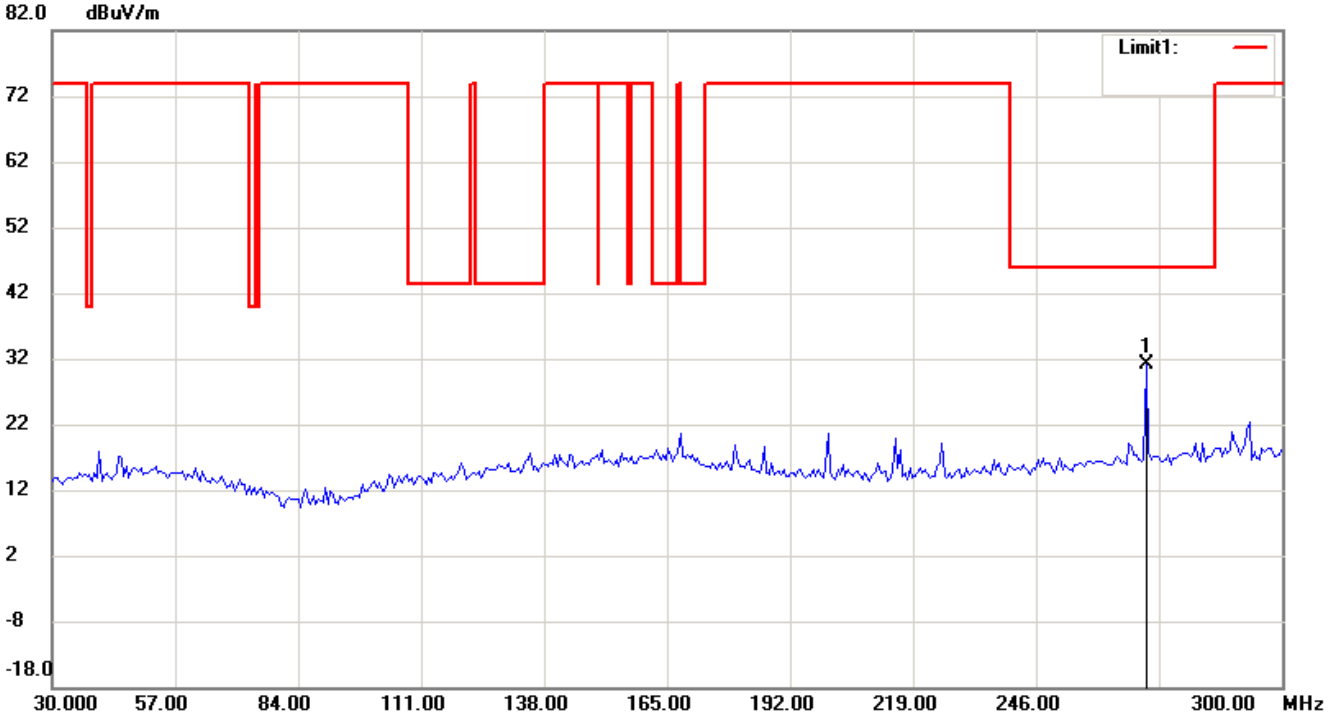
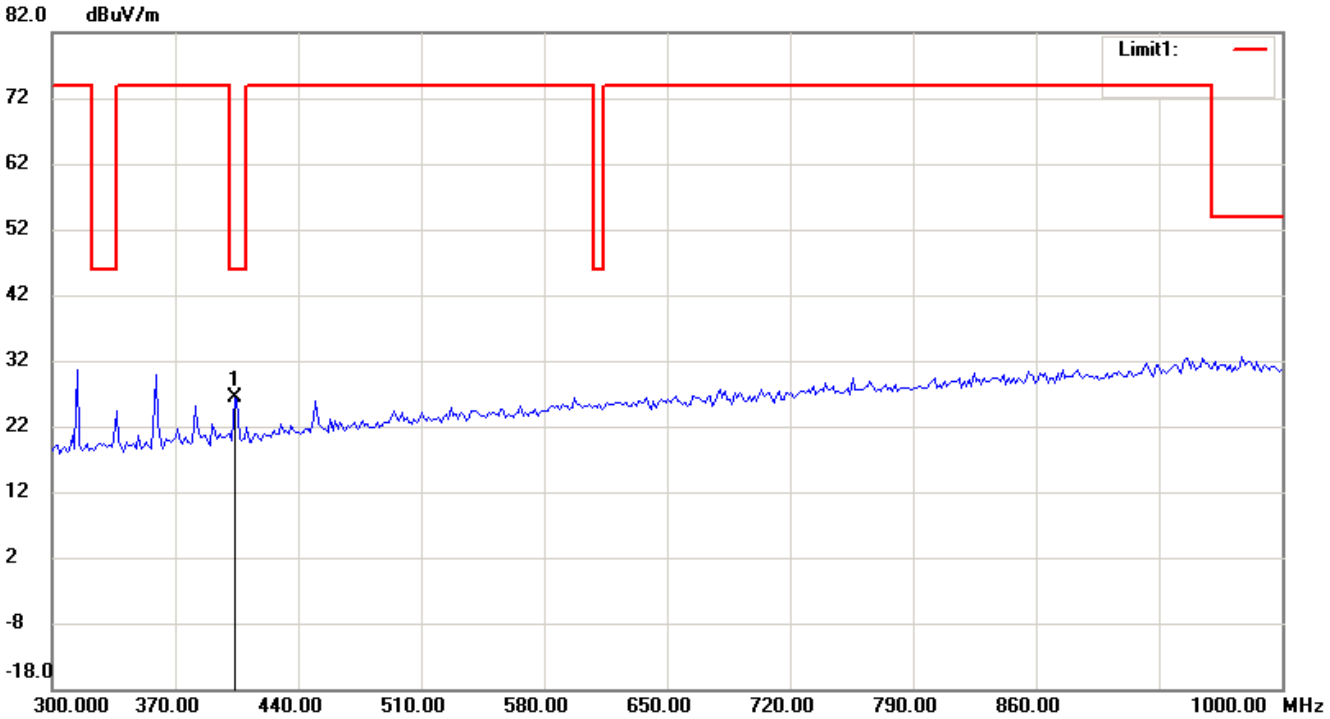
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11b 2437MHz
Antenna Polarization H





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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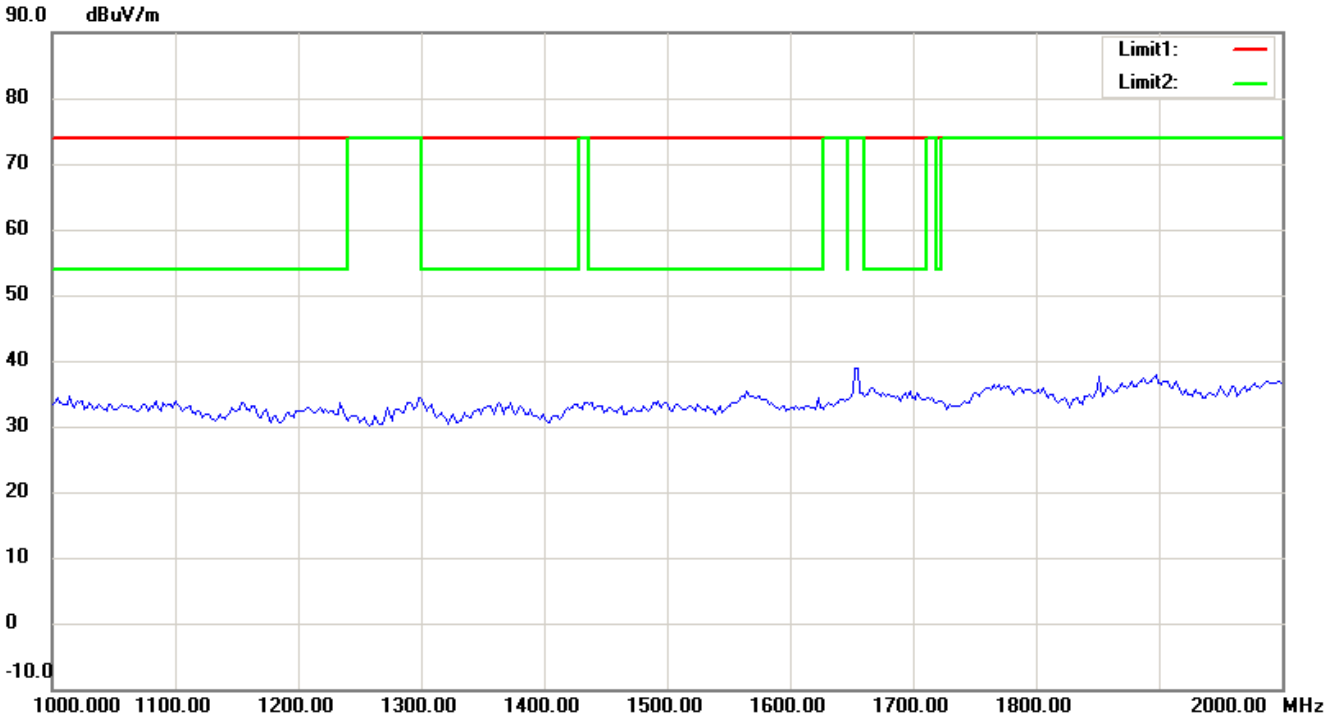
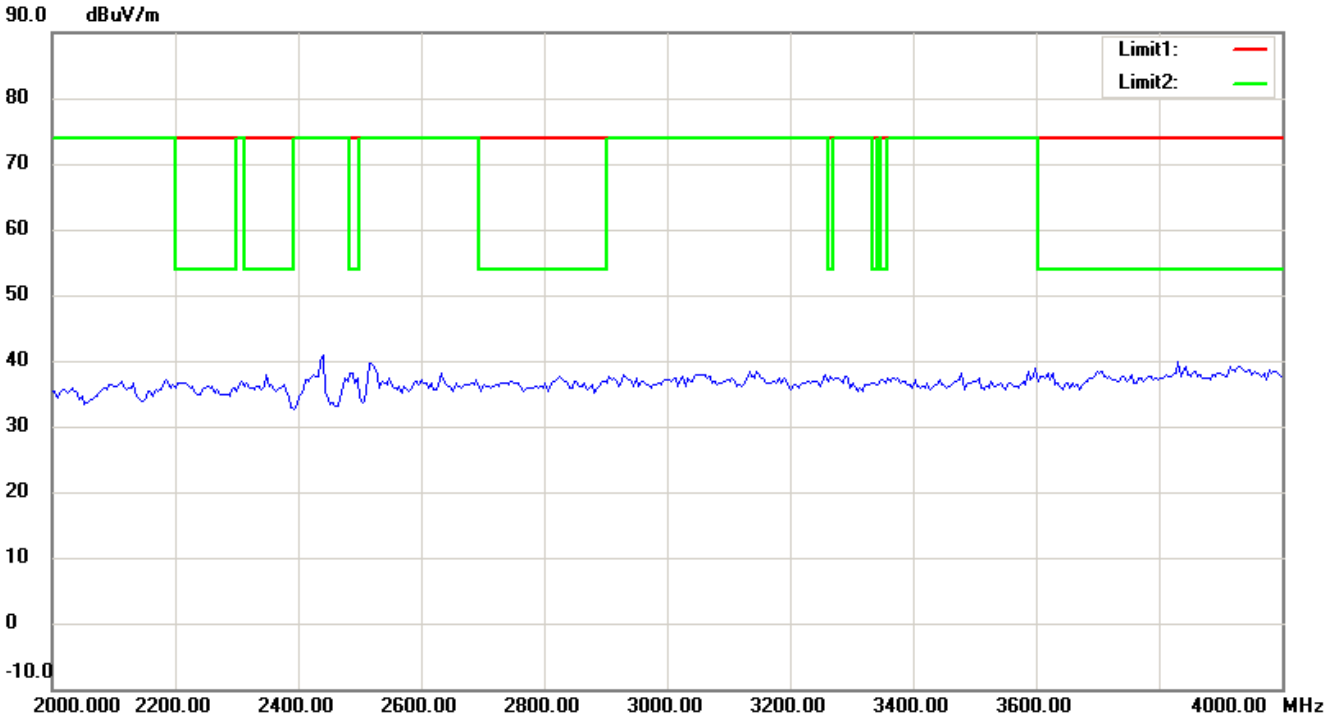
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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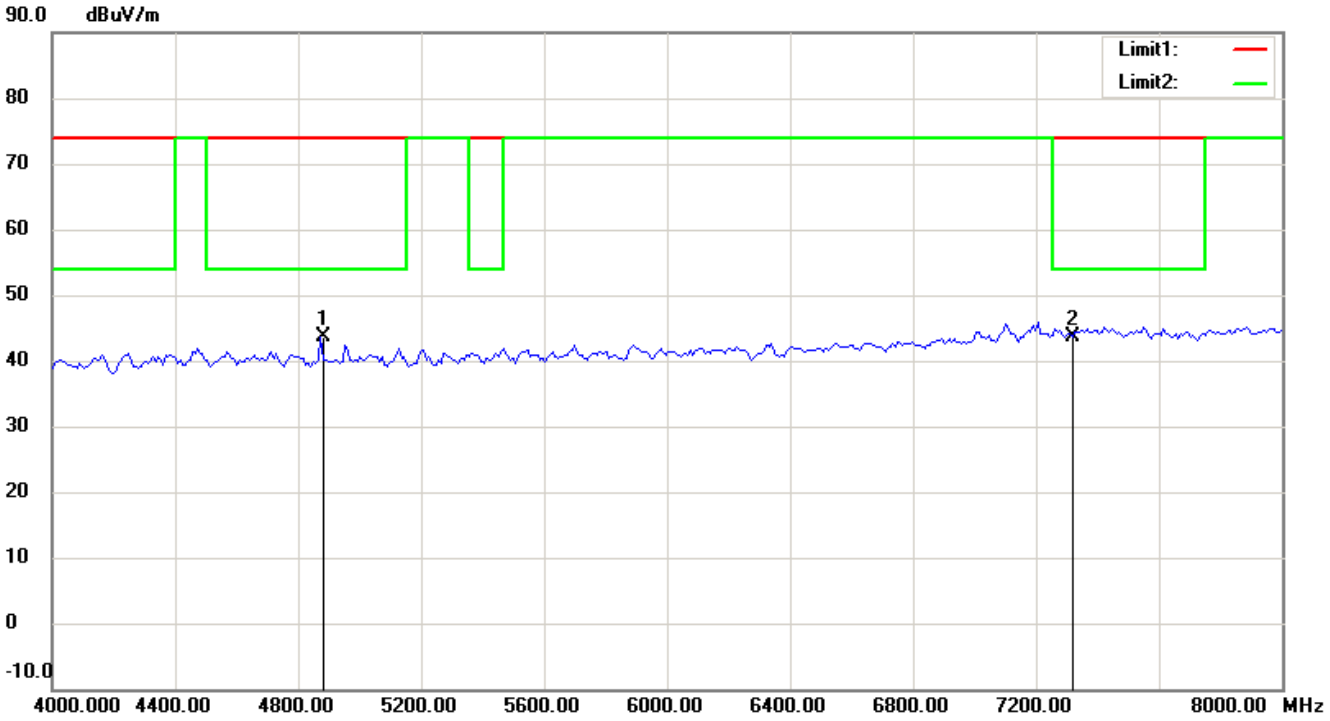
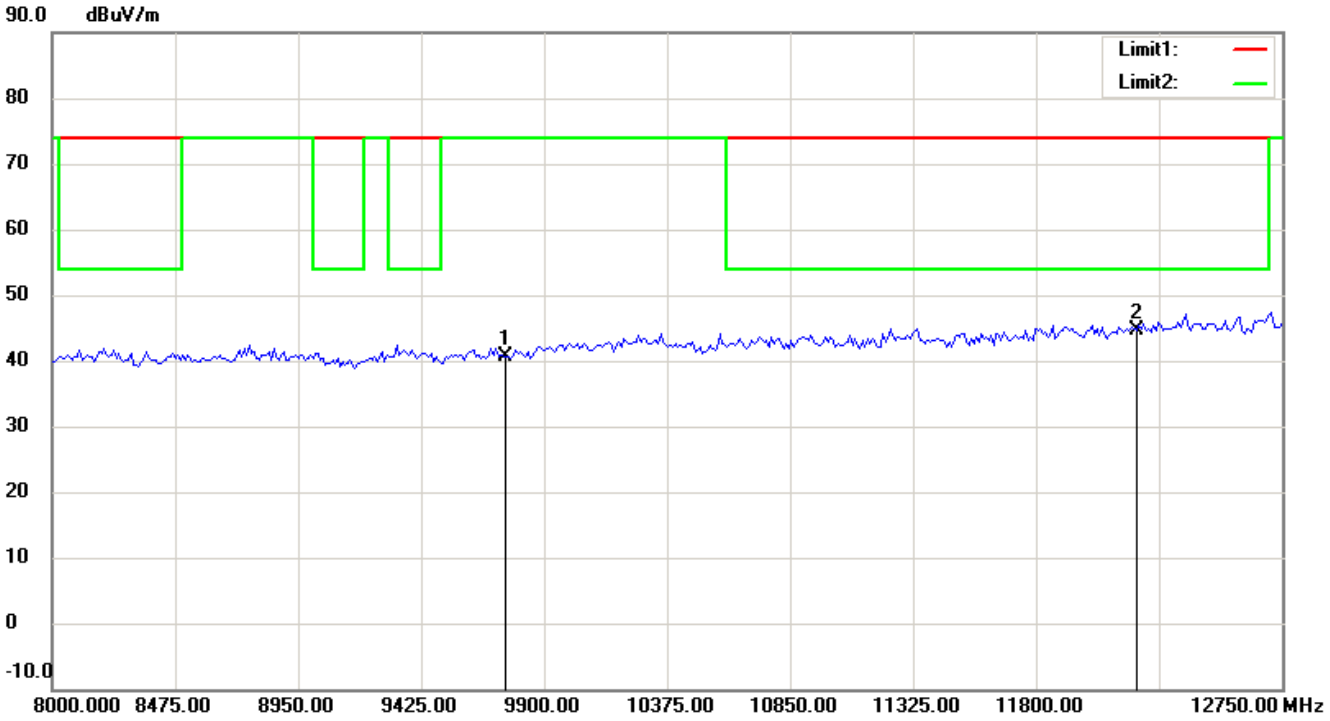
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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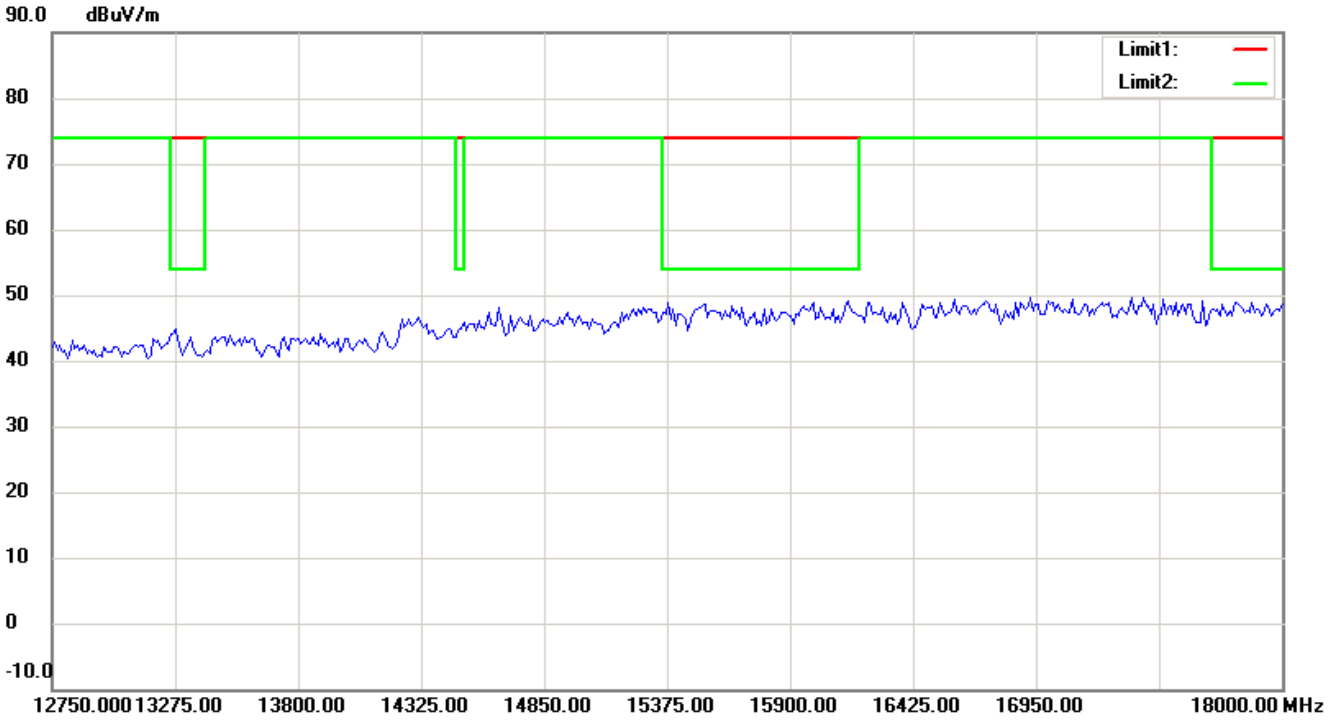
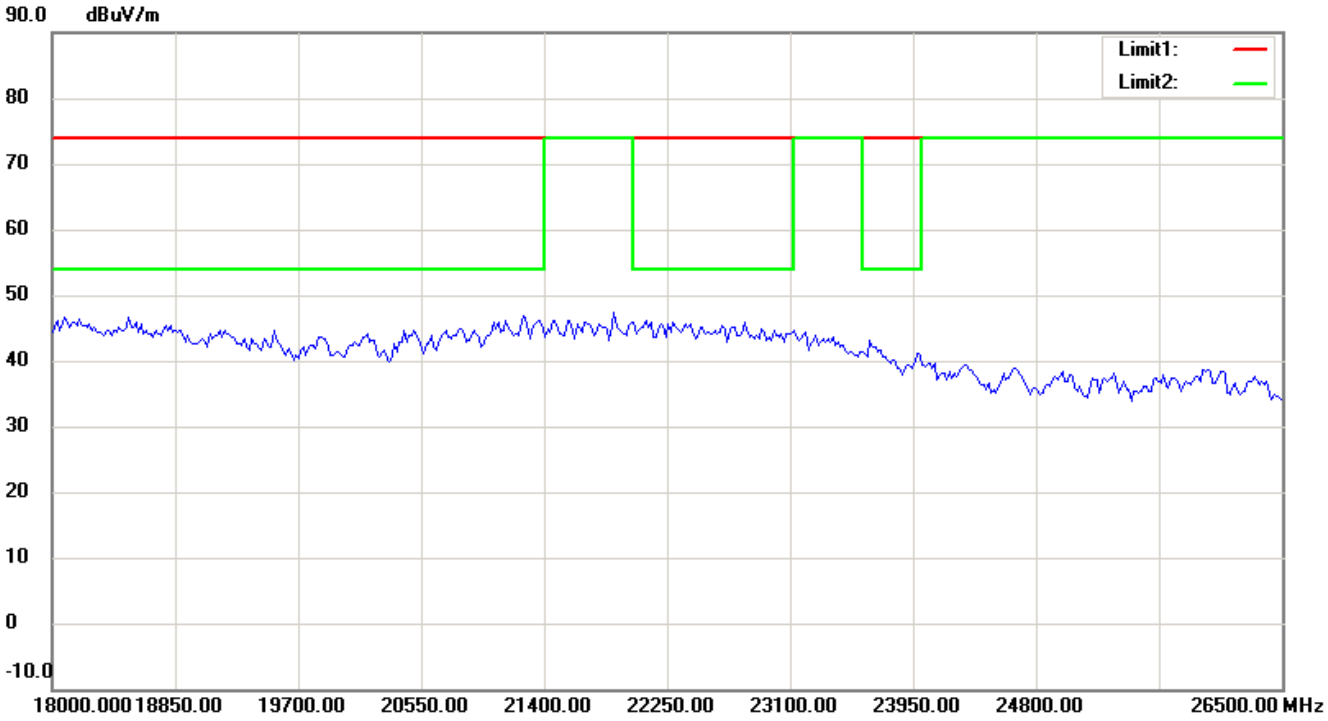
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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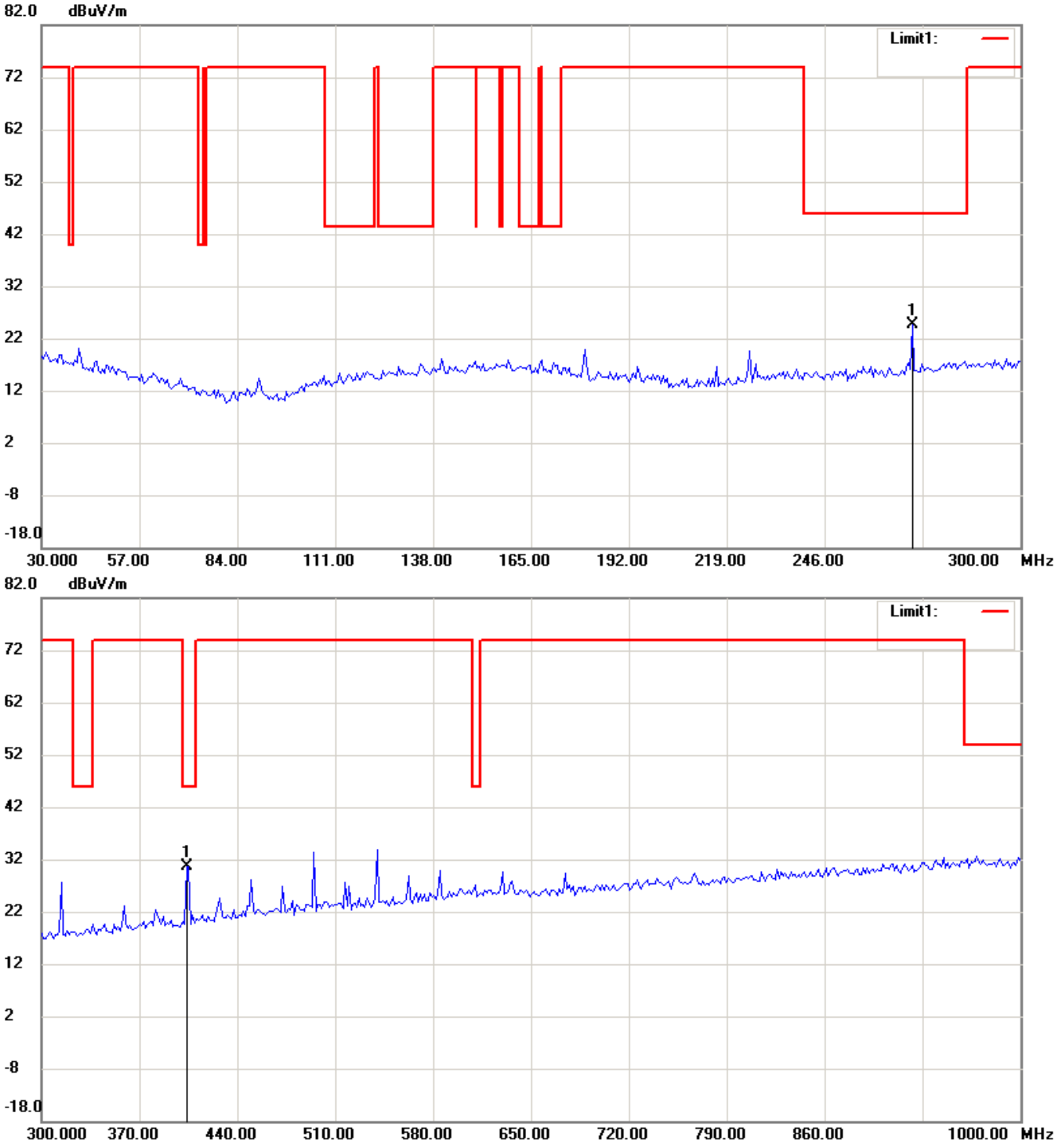
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

1. **The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.**
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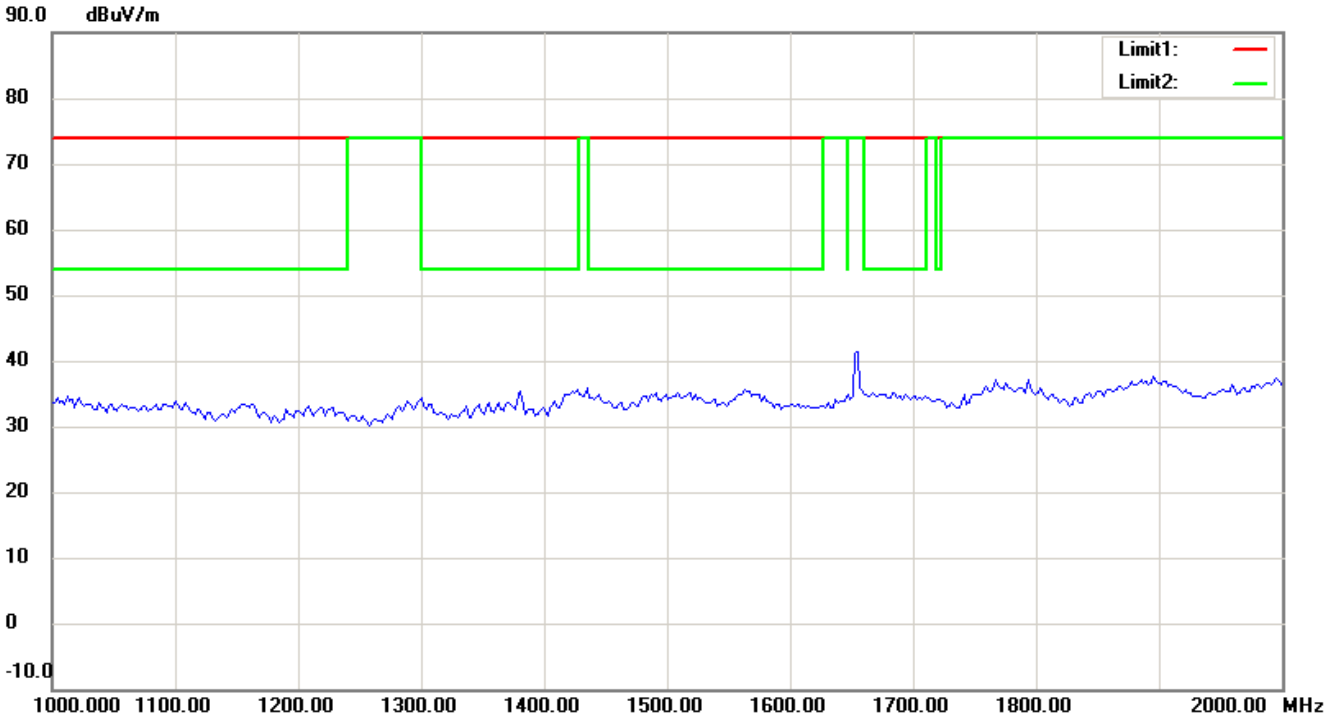
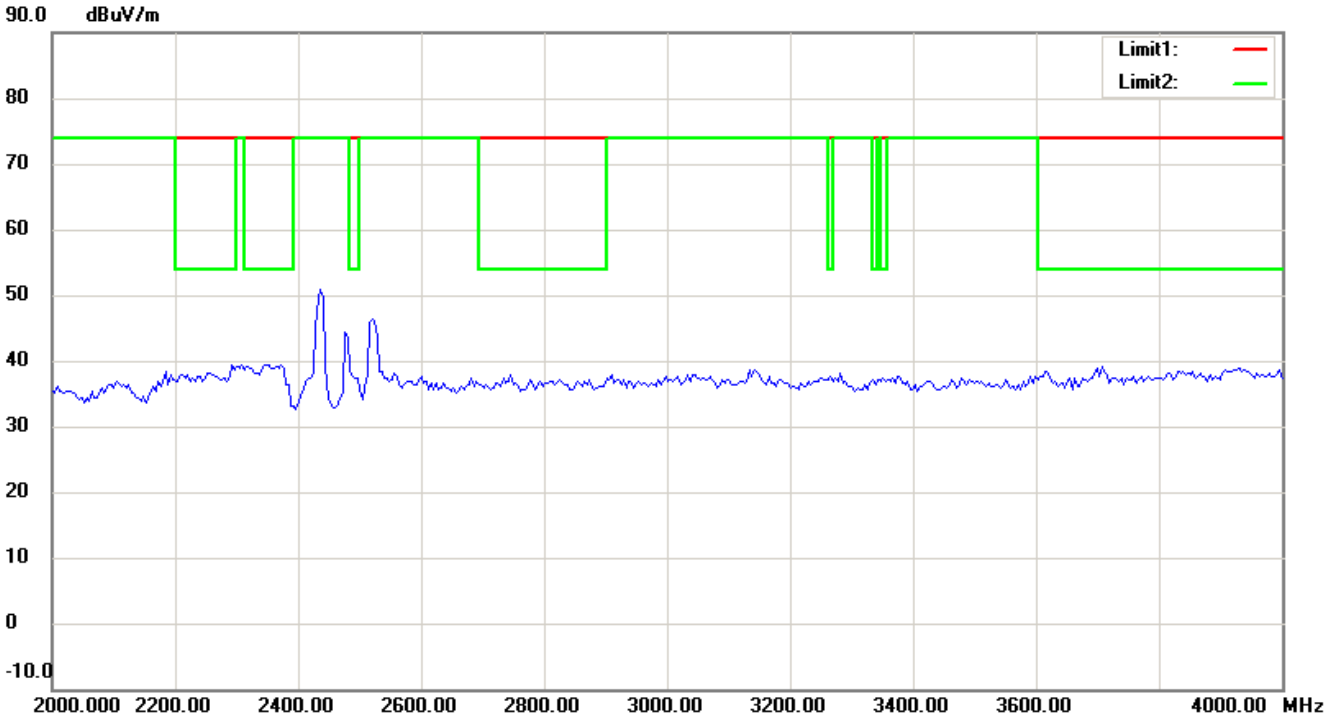
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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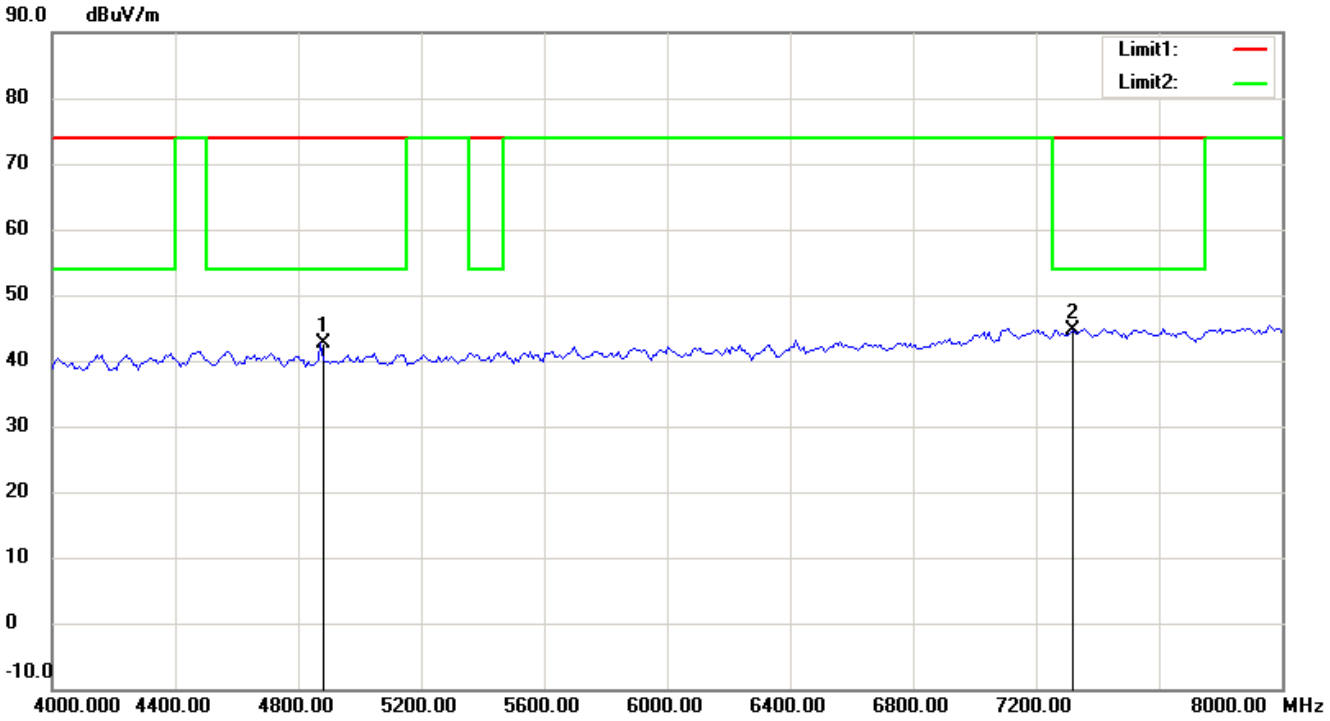
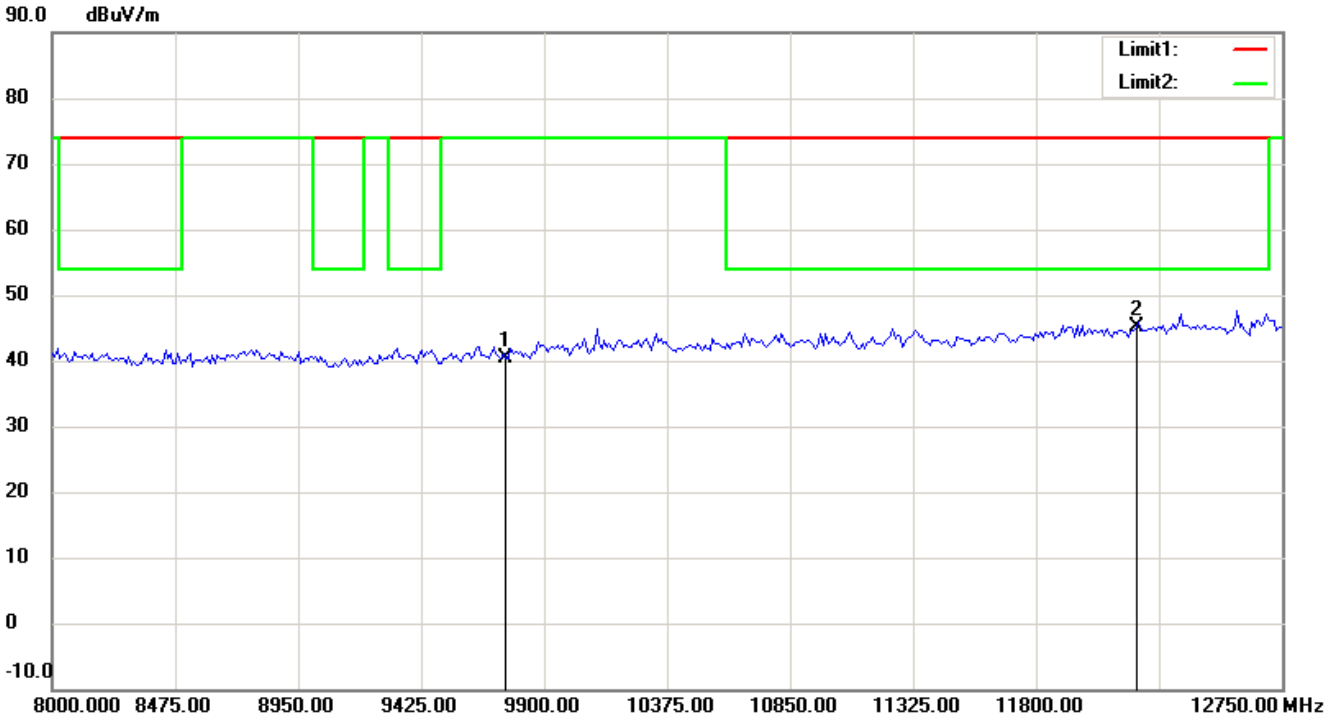
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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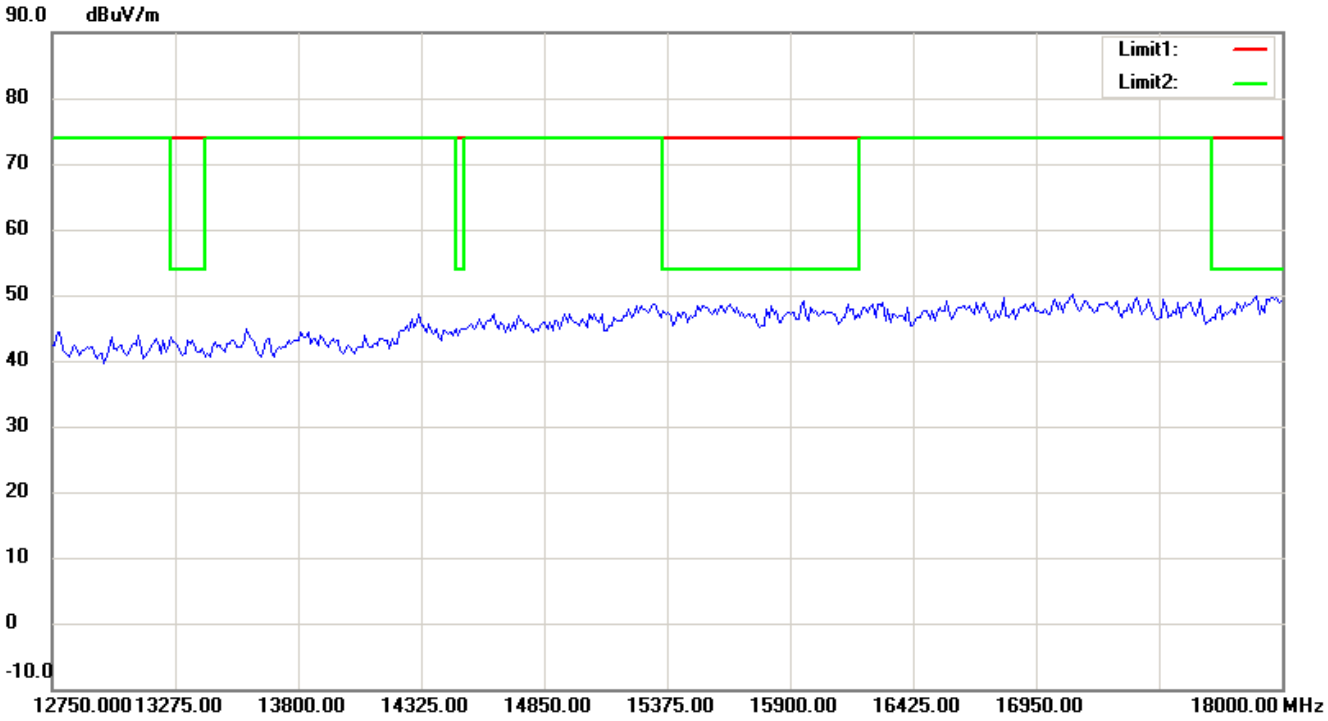

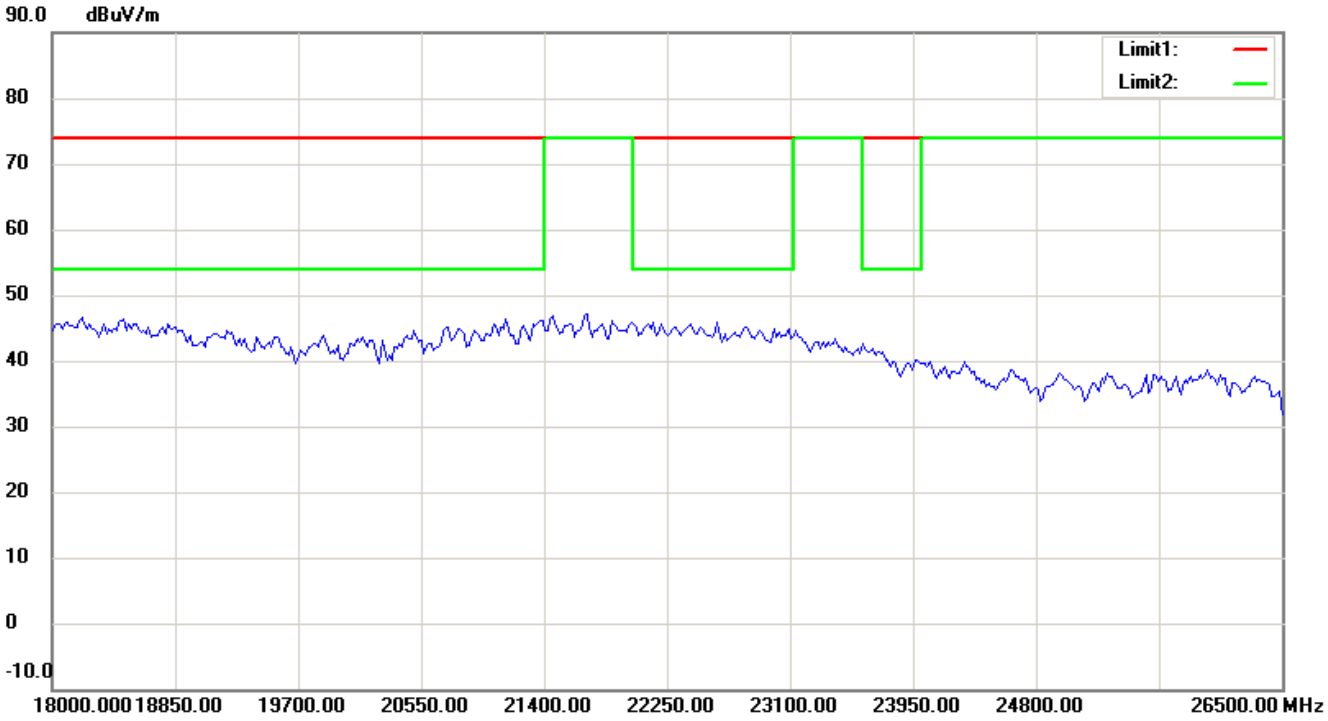

Up Line: Peak Limit Line Down Line: Ave Limit Line
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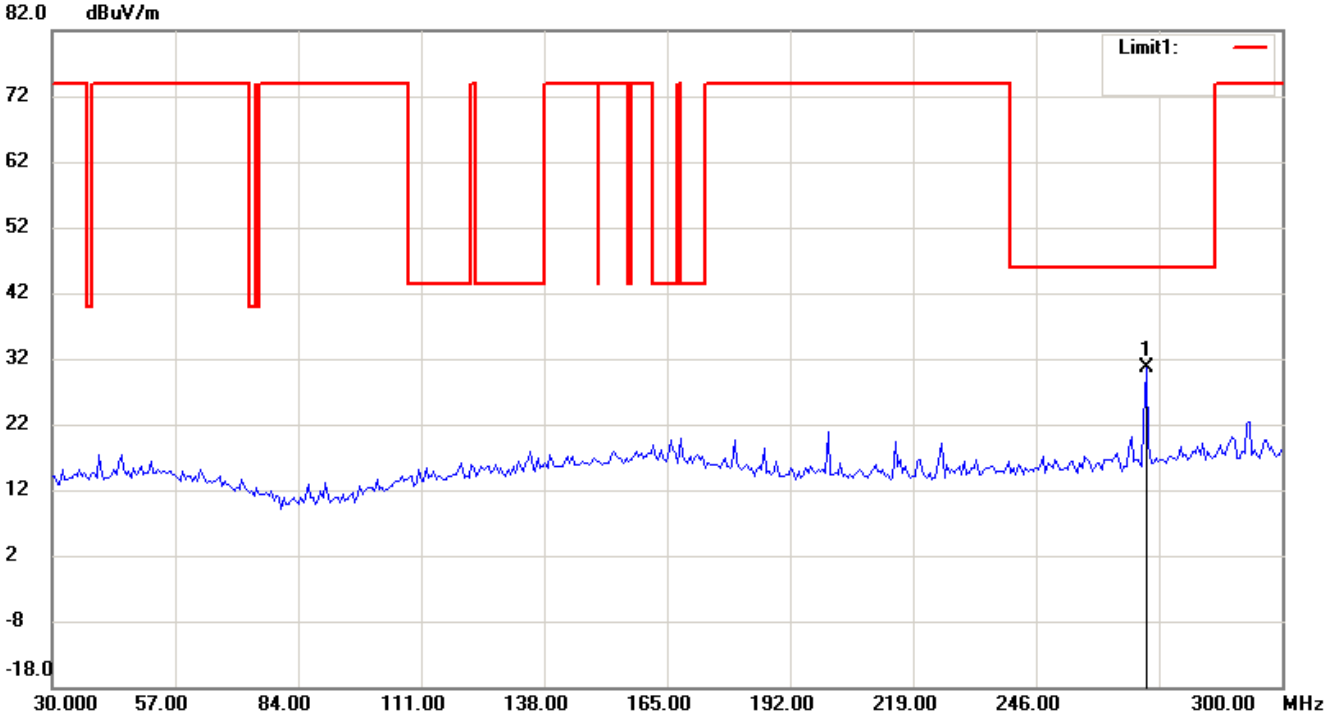
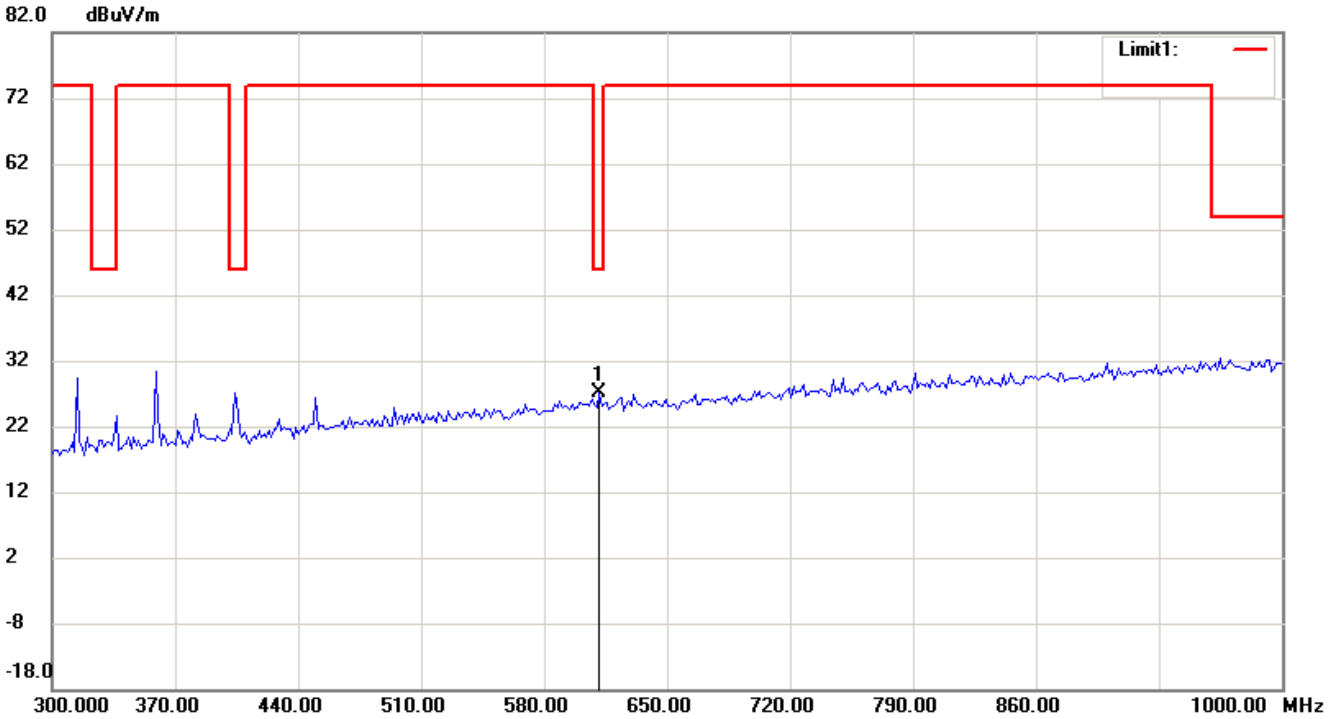
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11b 2462MHz
Antenna Polarization H





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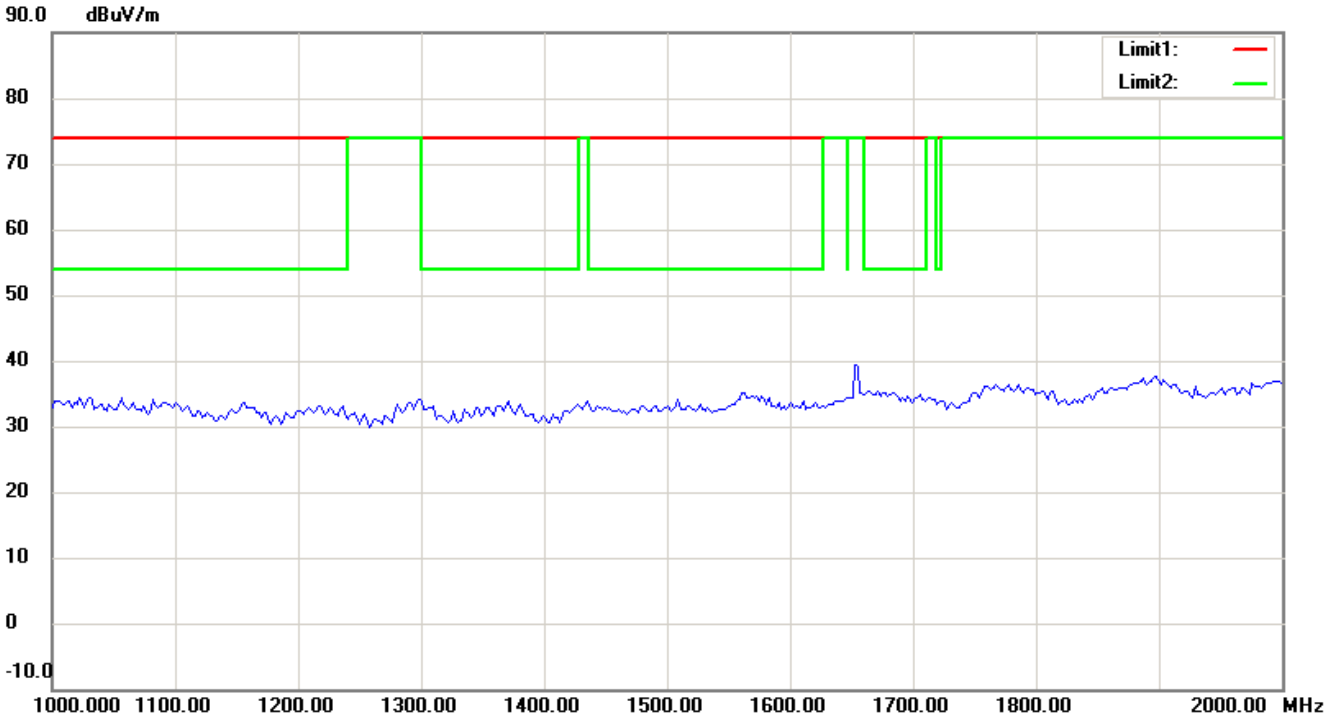
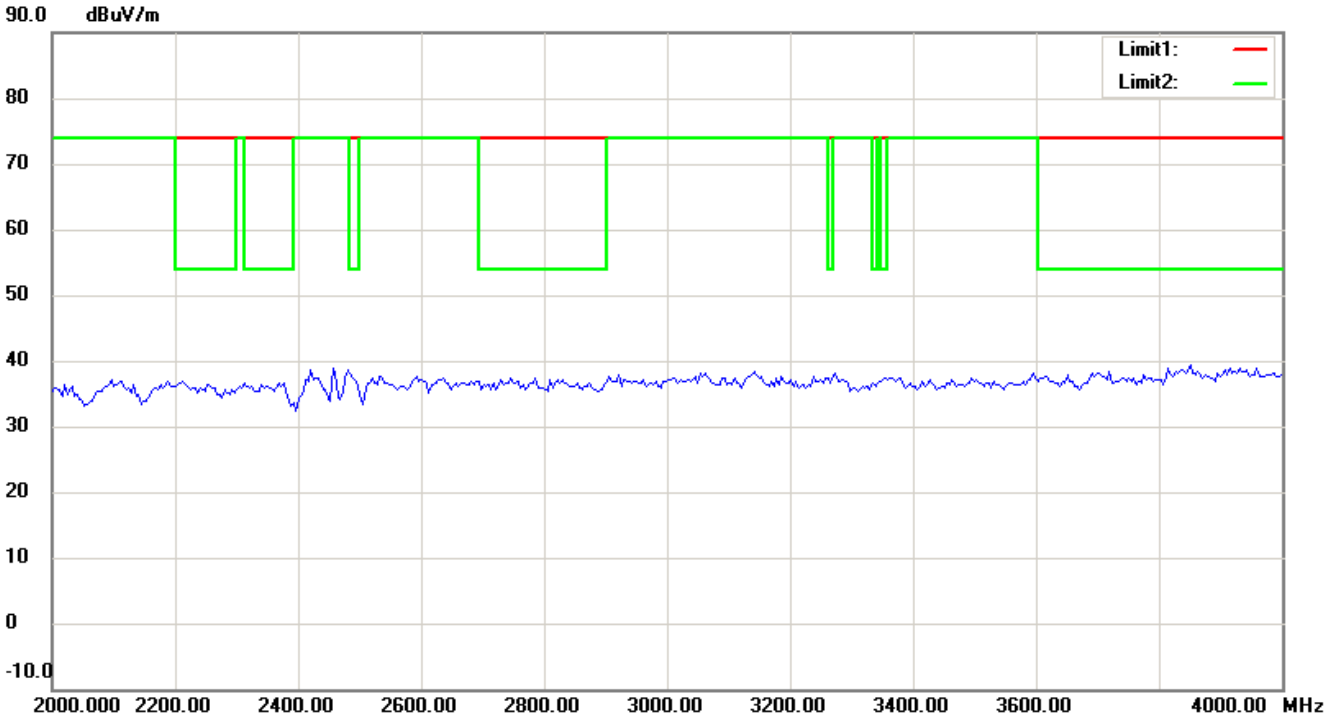
FCC ID: IR5DT6





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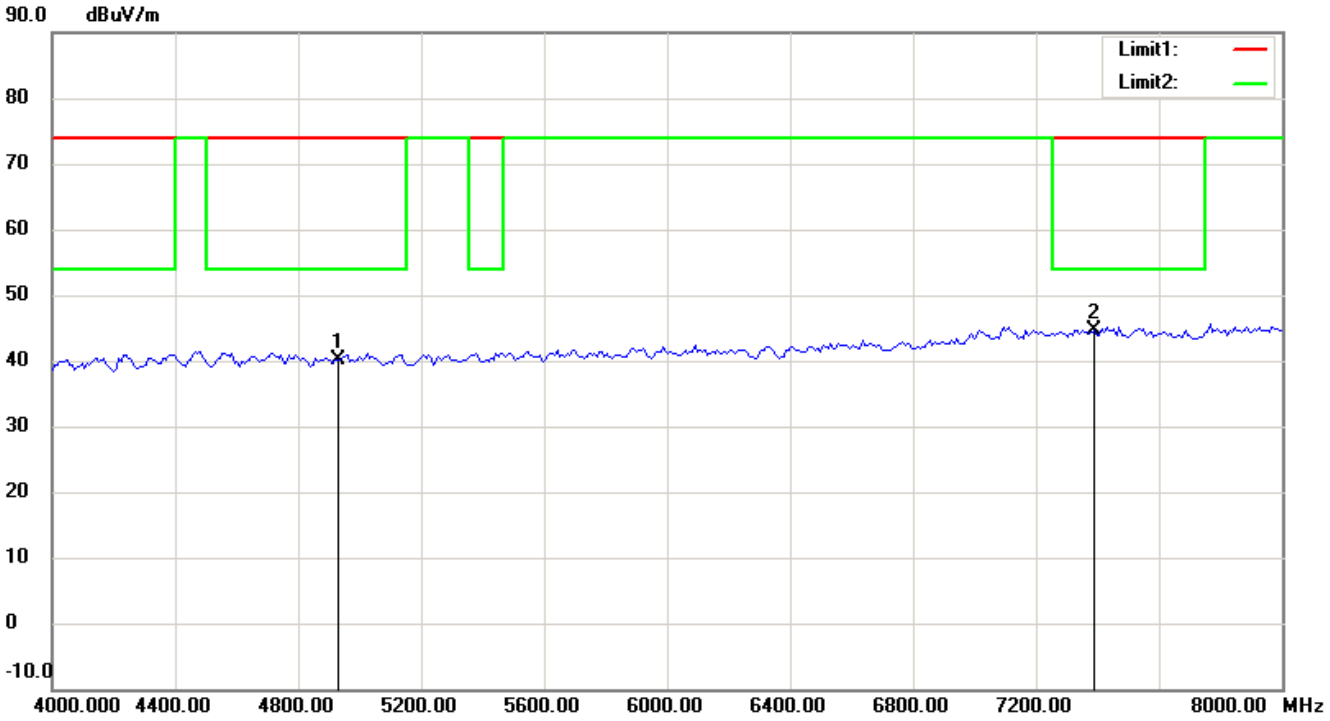
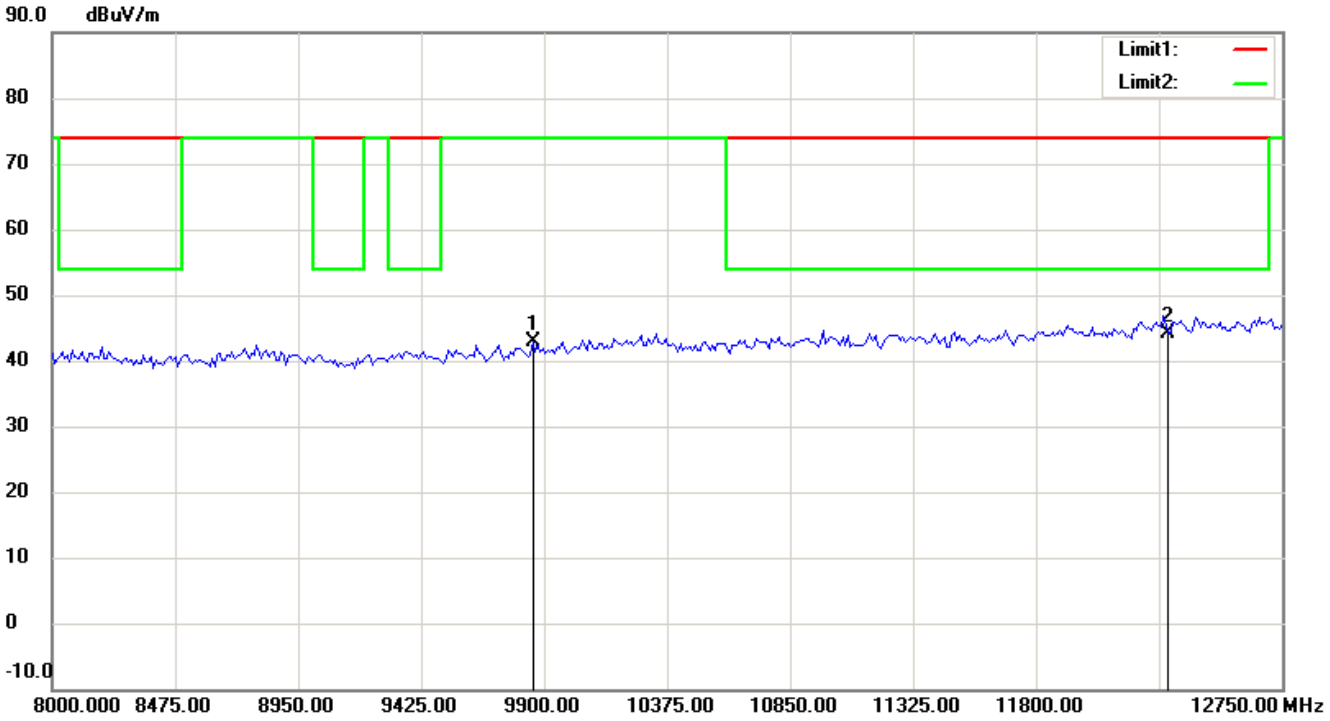
FCC ID: IR5DT6





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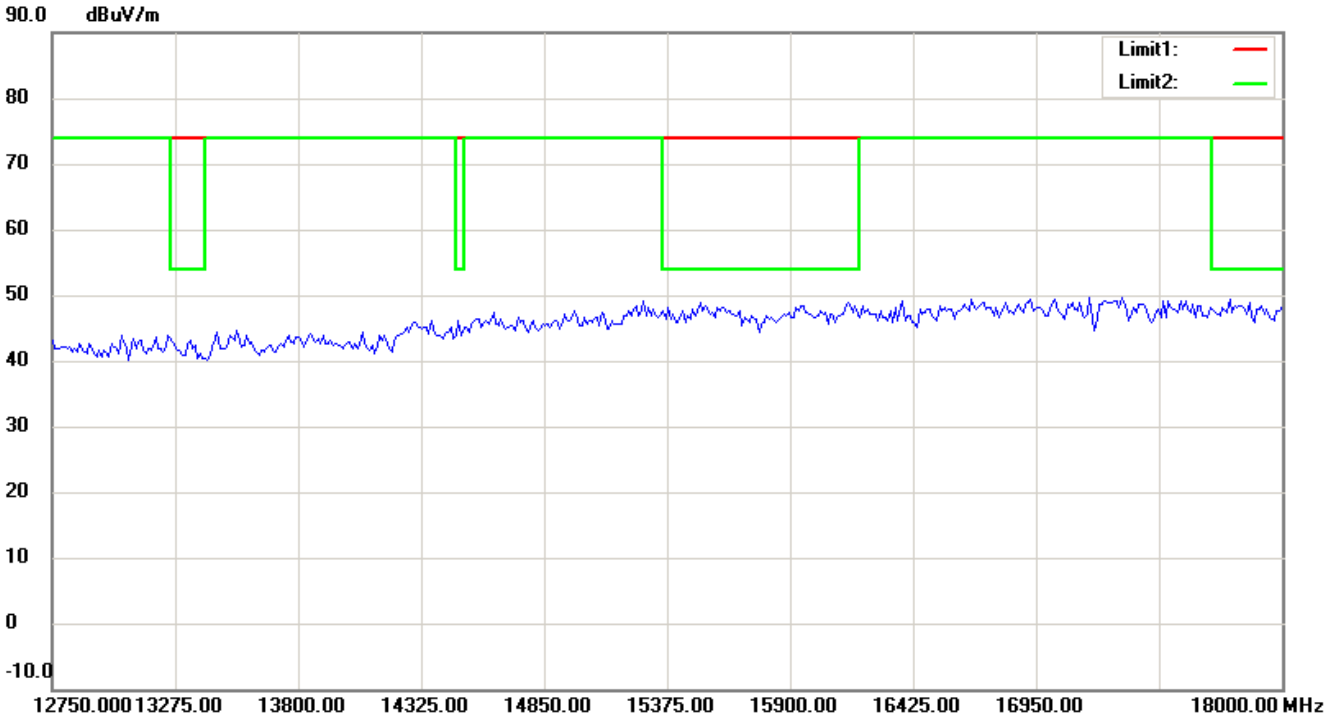

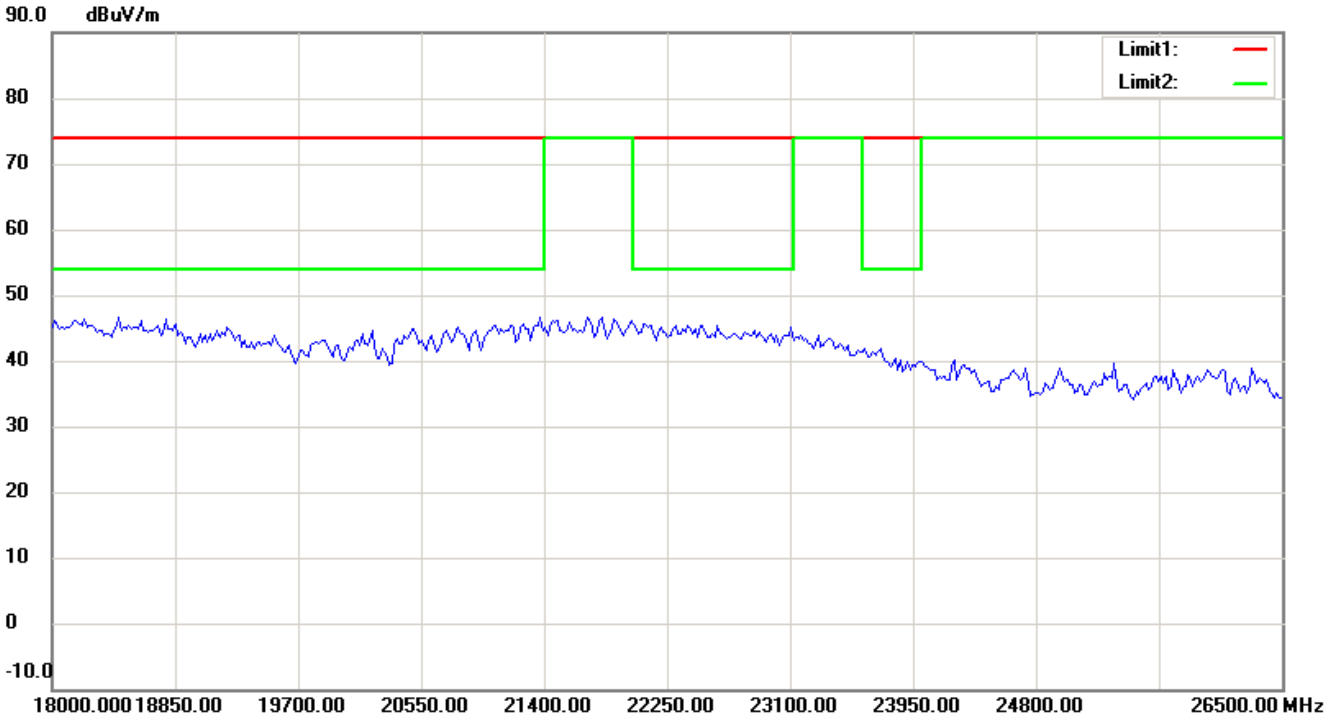

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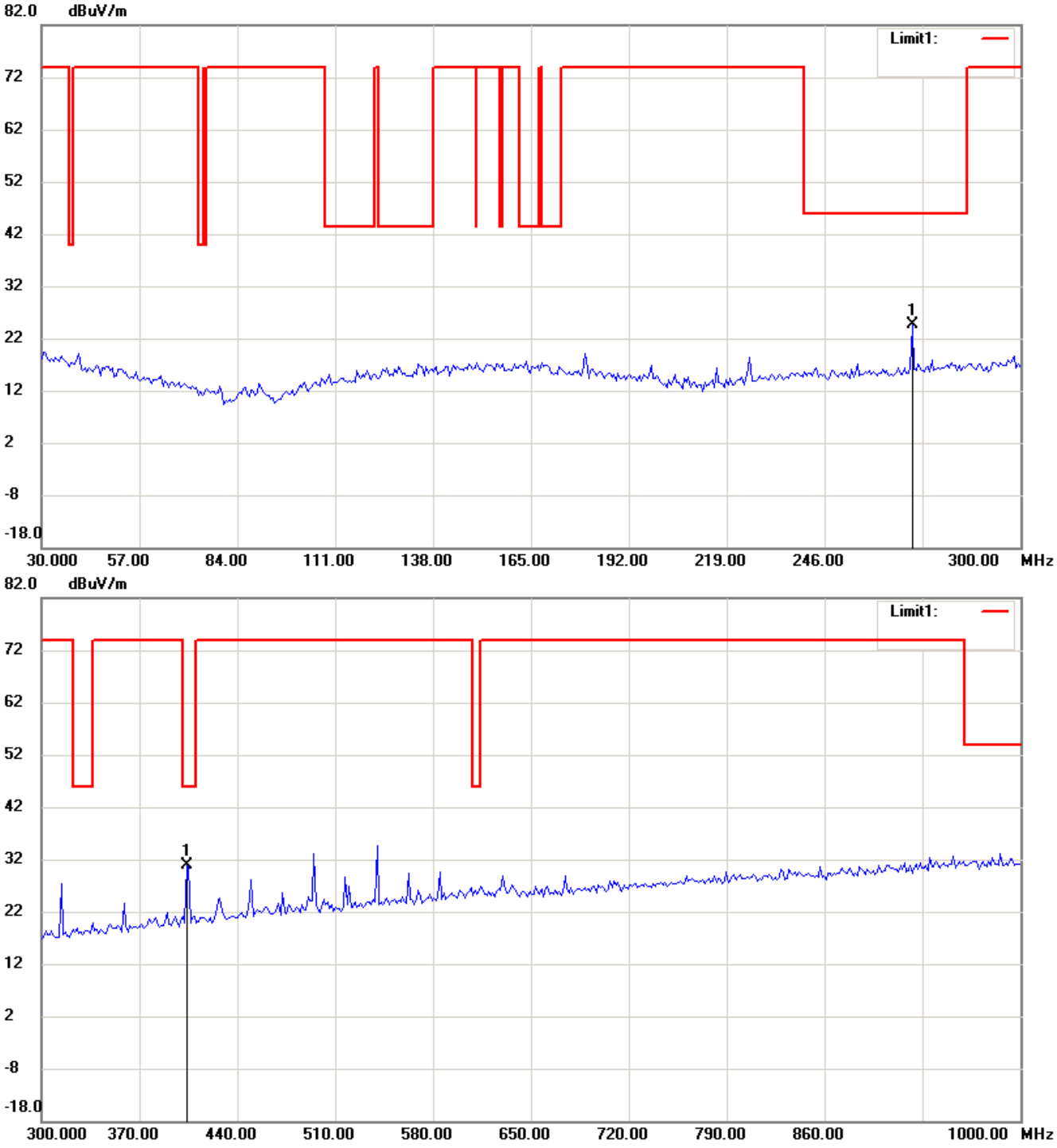
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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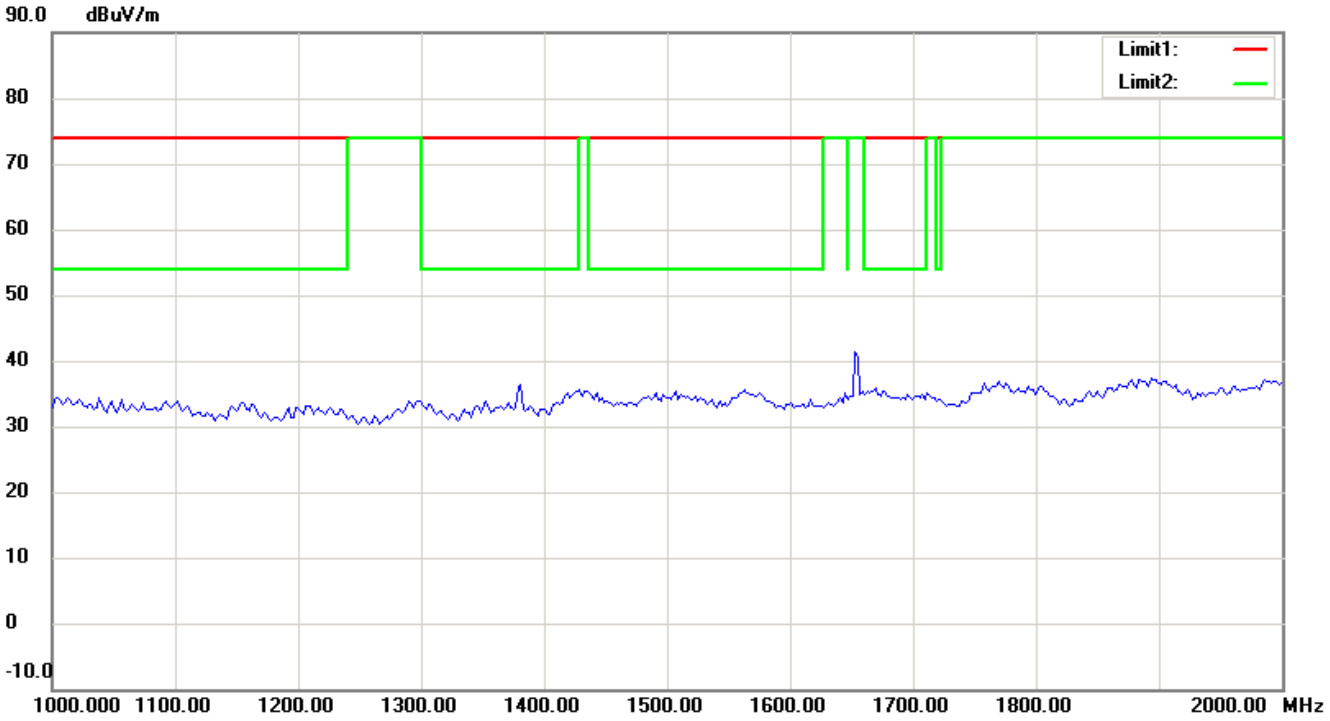
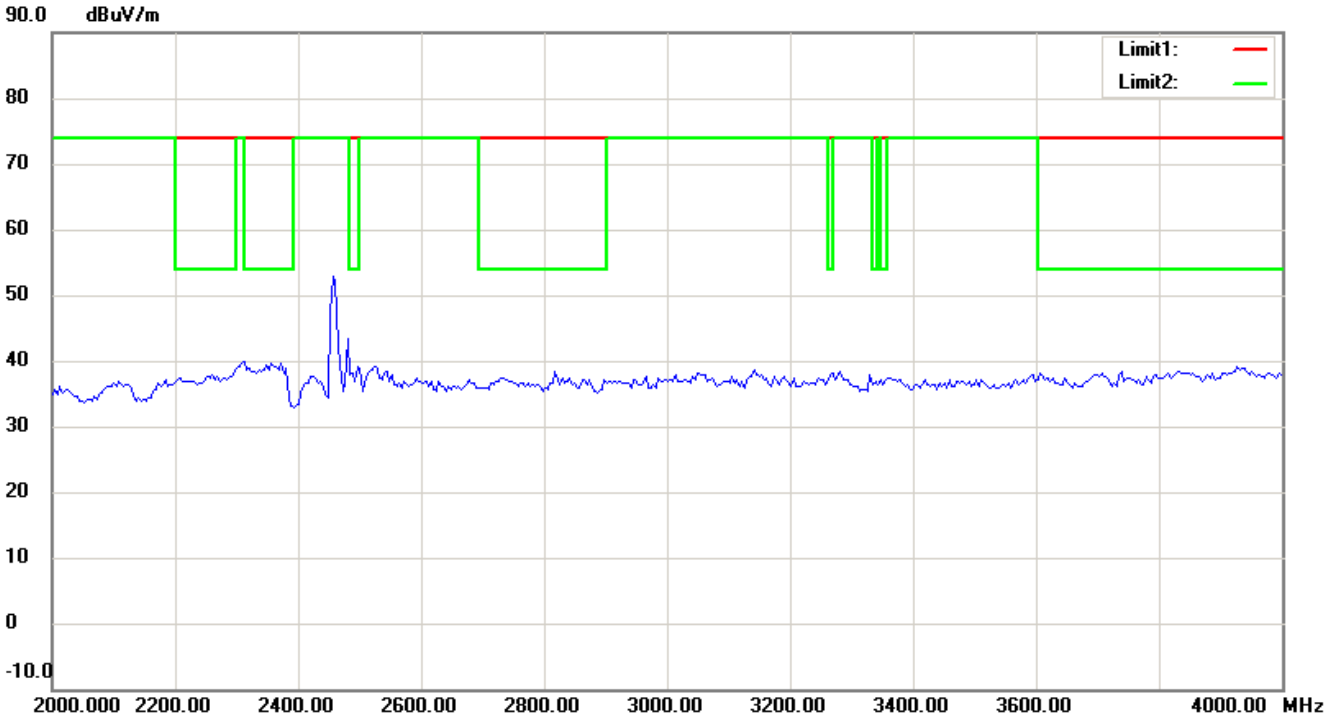
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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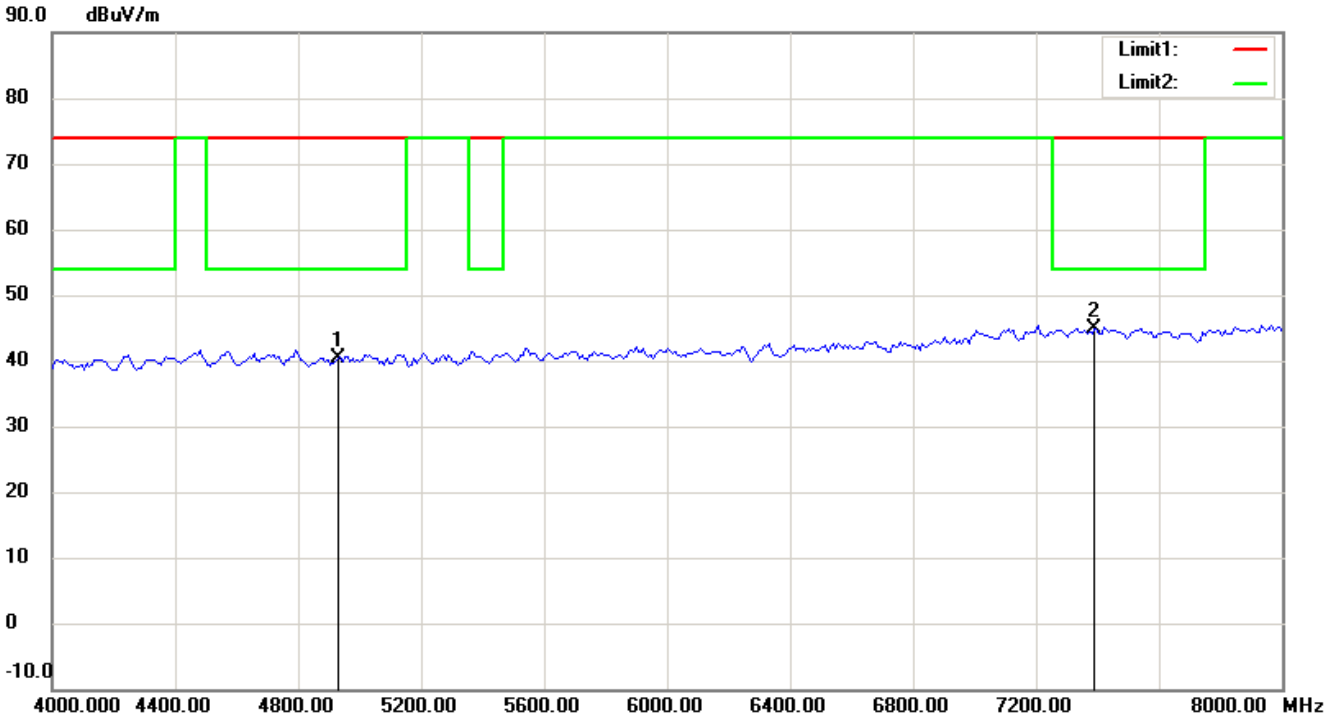

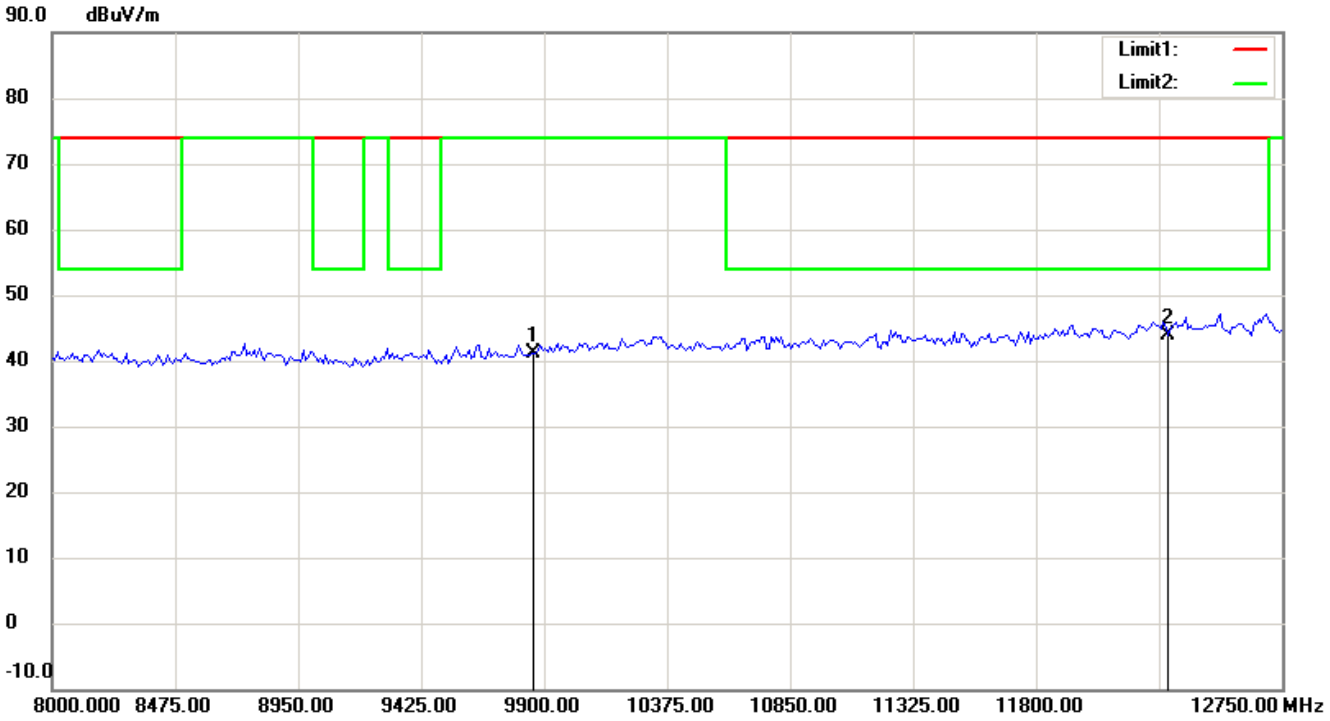

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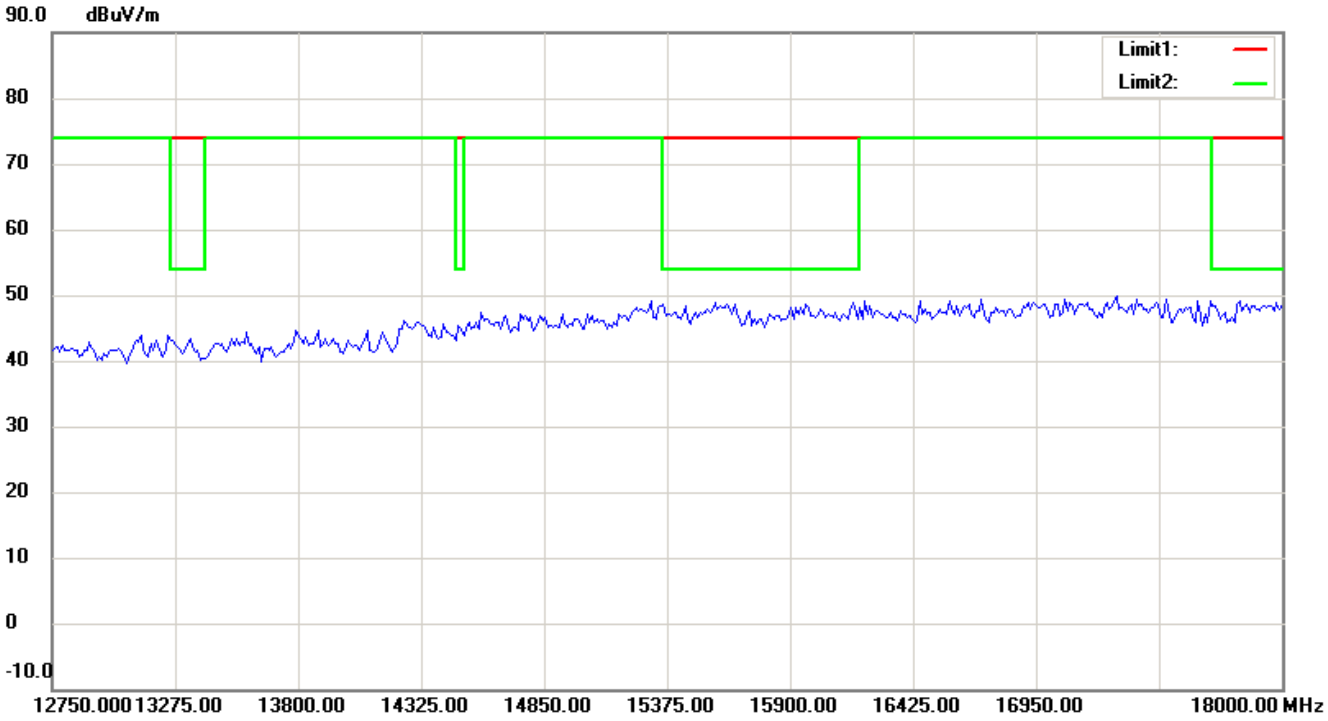

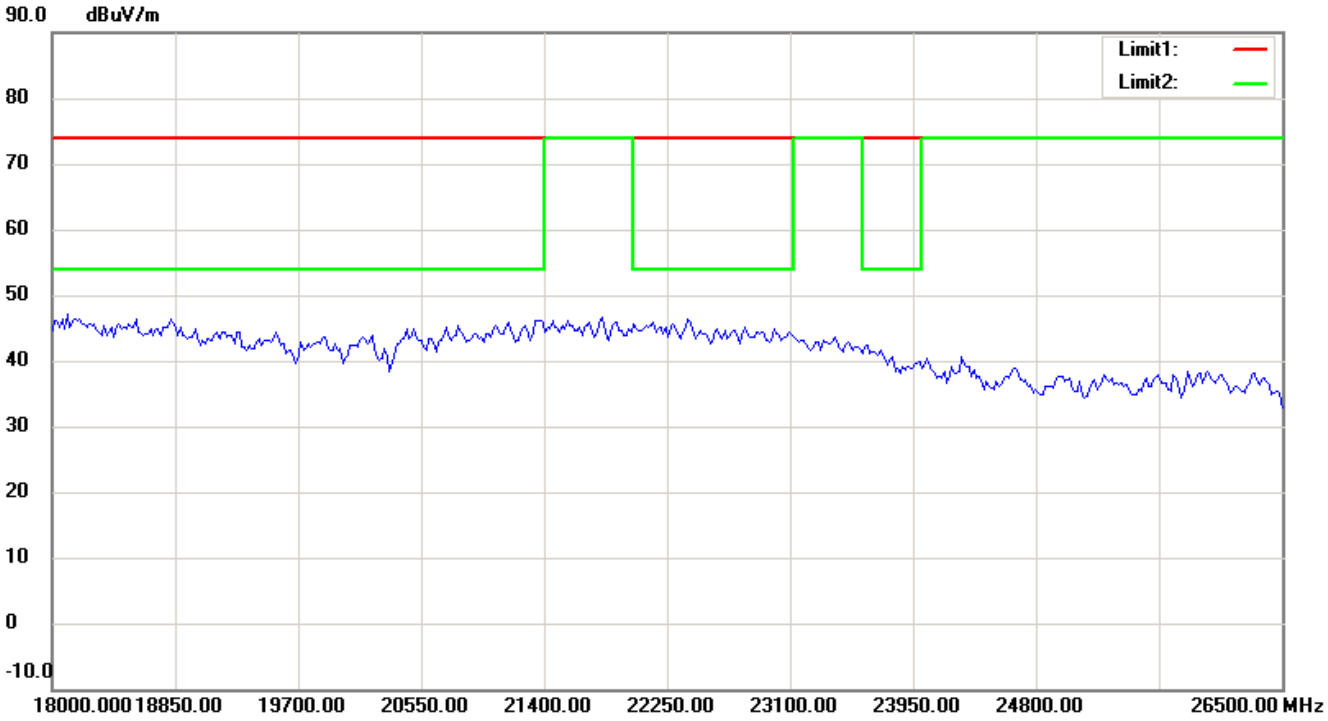

Up Line: Peak Limit Line Down Line: Ave Limit Line
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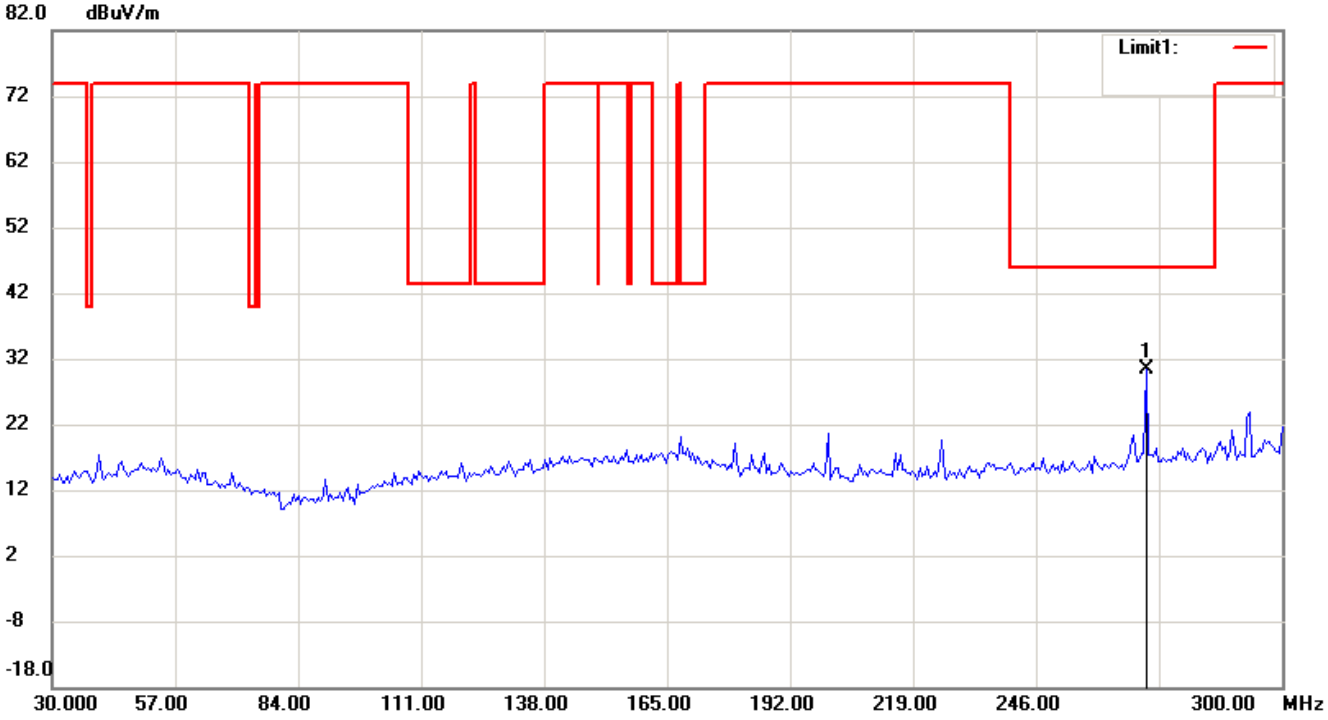
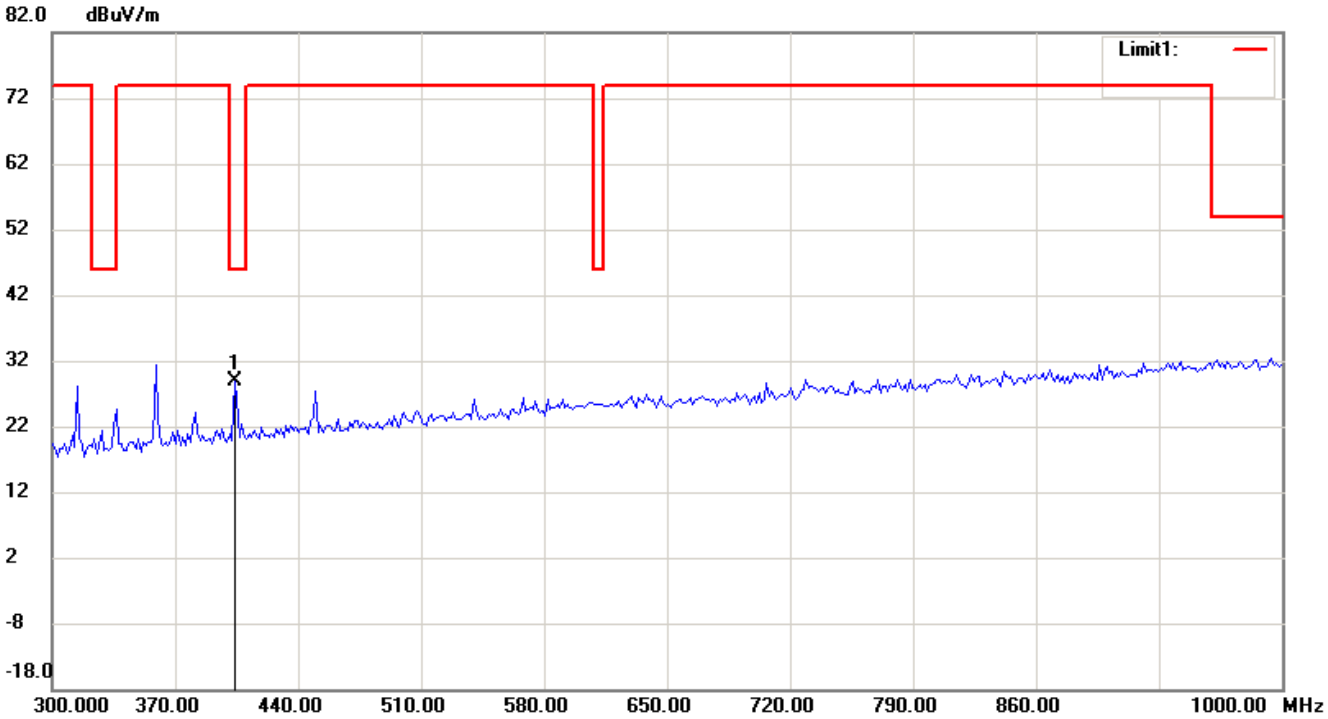
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11g 2412MHz
Antenna Polarization H

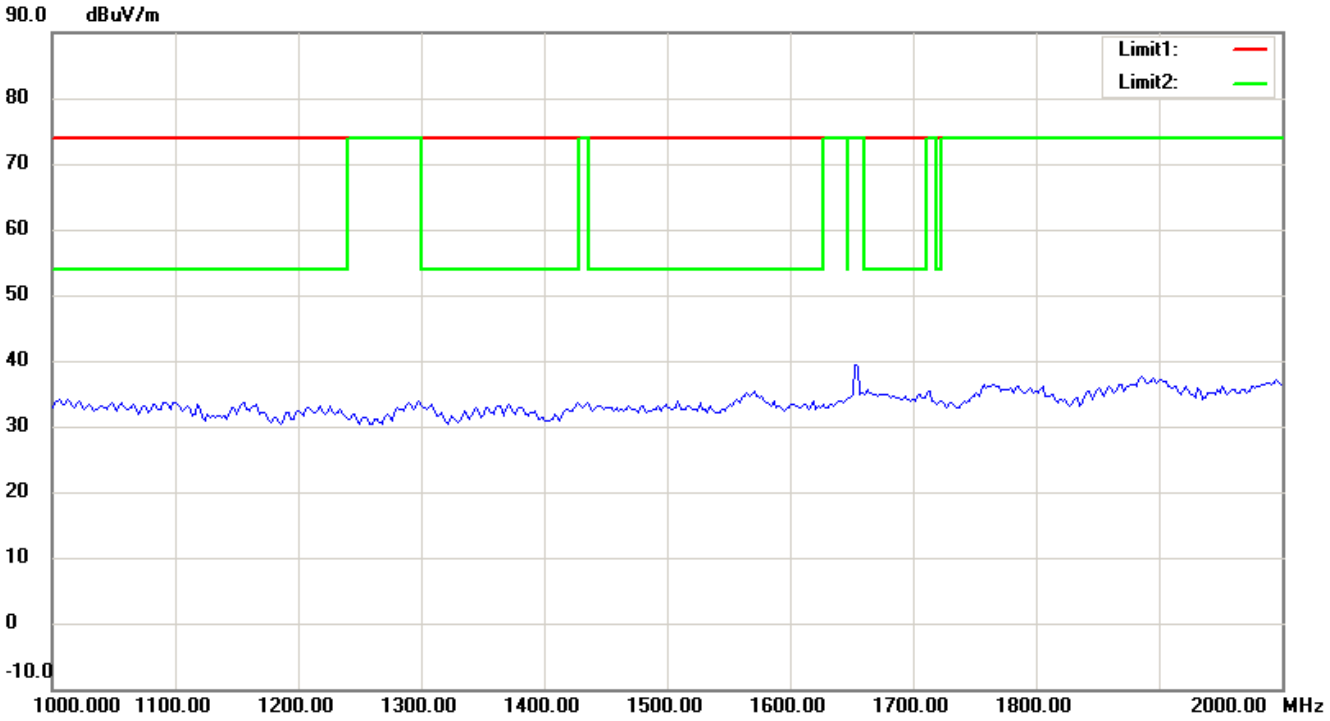


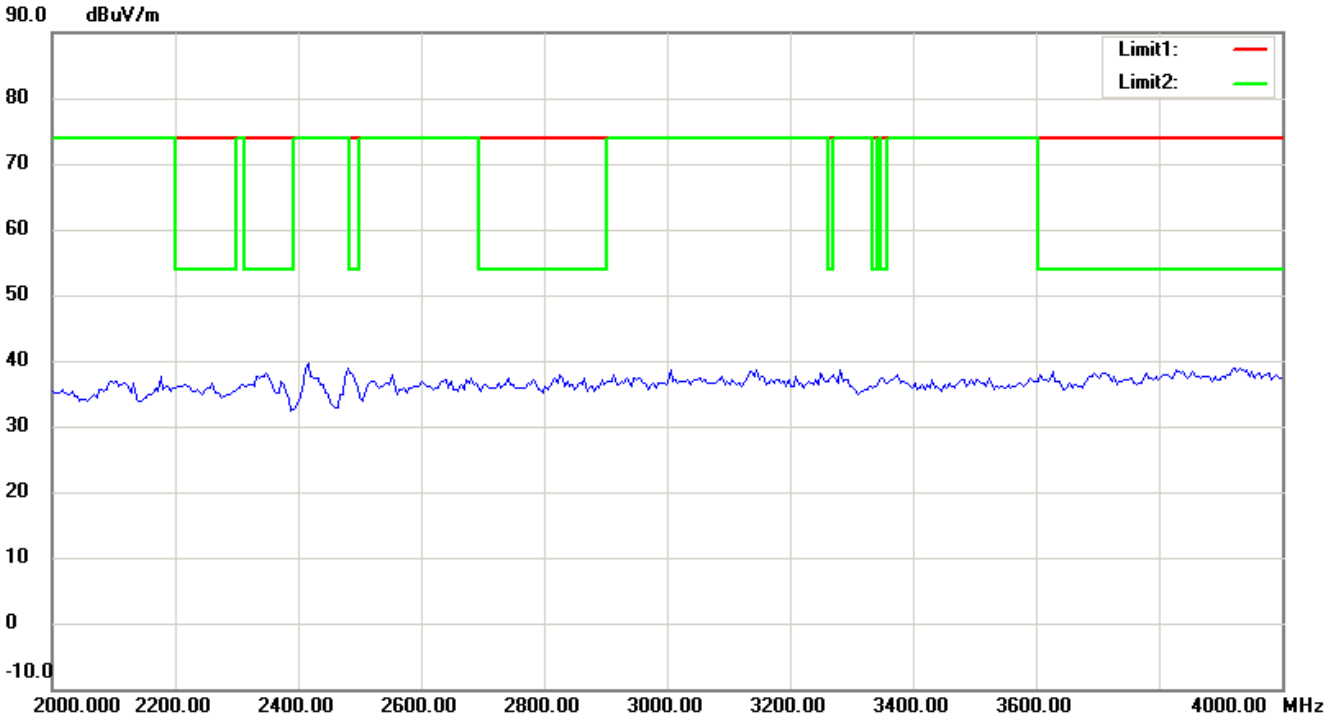


Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

1. **The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.**
2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
3. **For corrected test results are listed in the relevant table of radiated test data of this test report.**

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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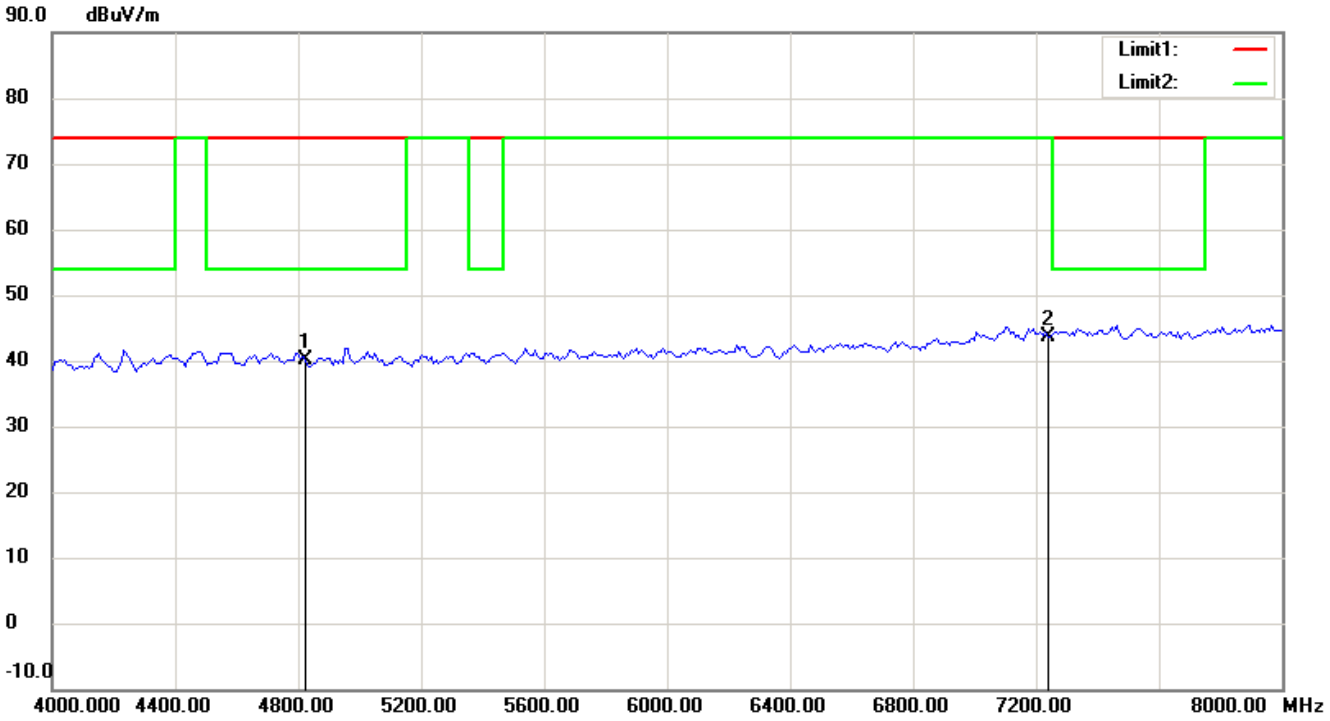
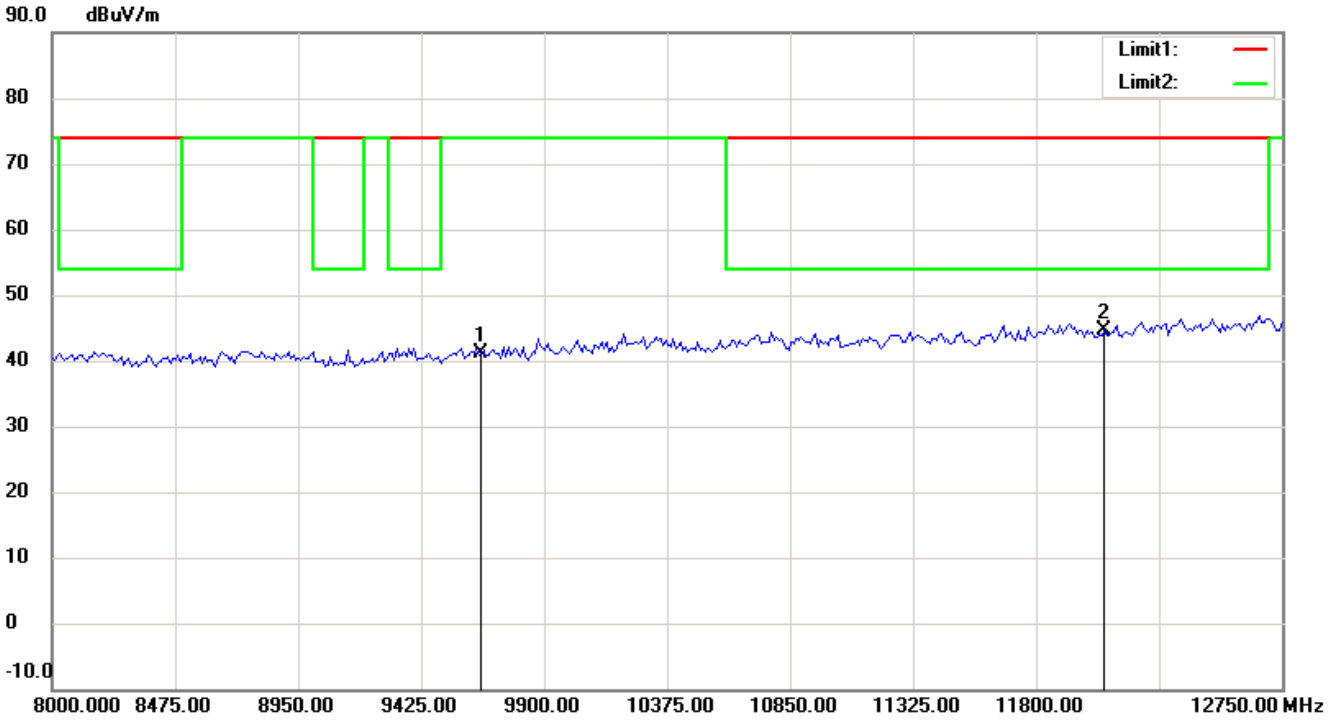
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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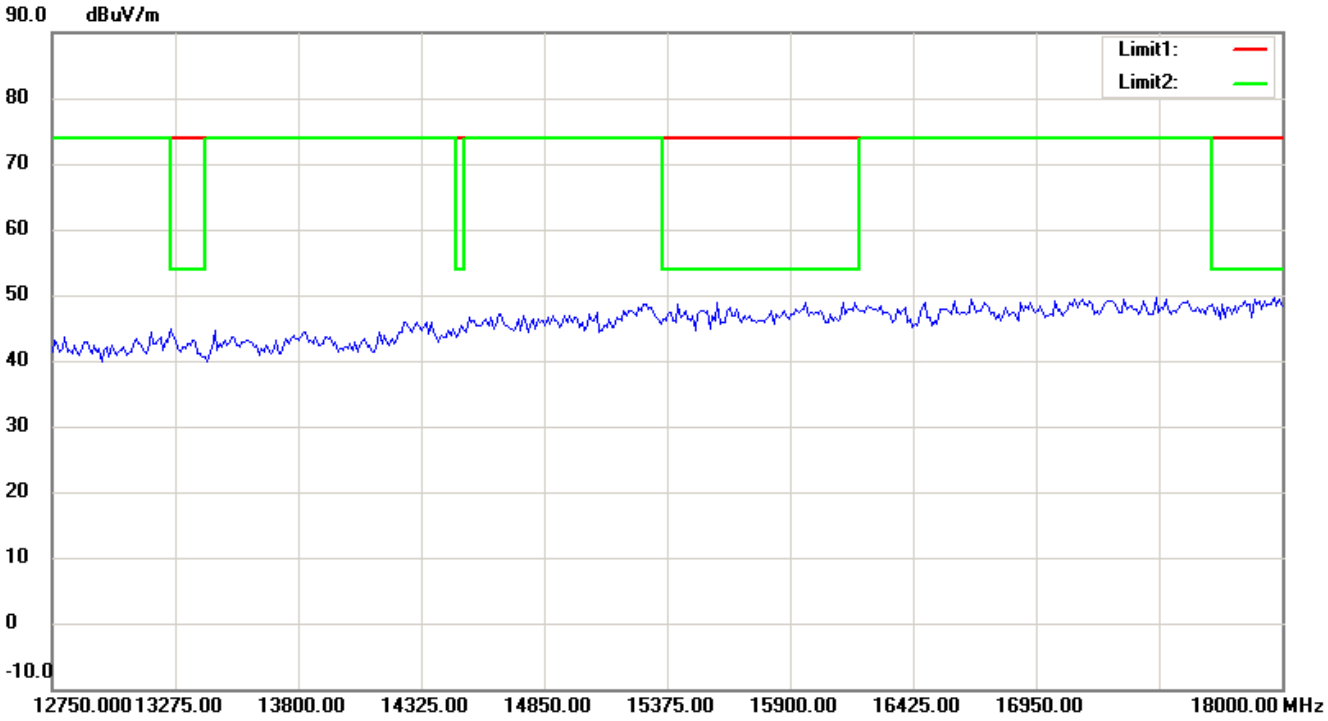
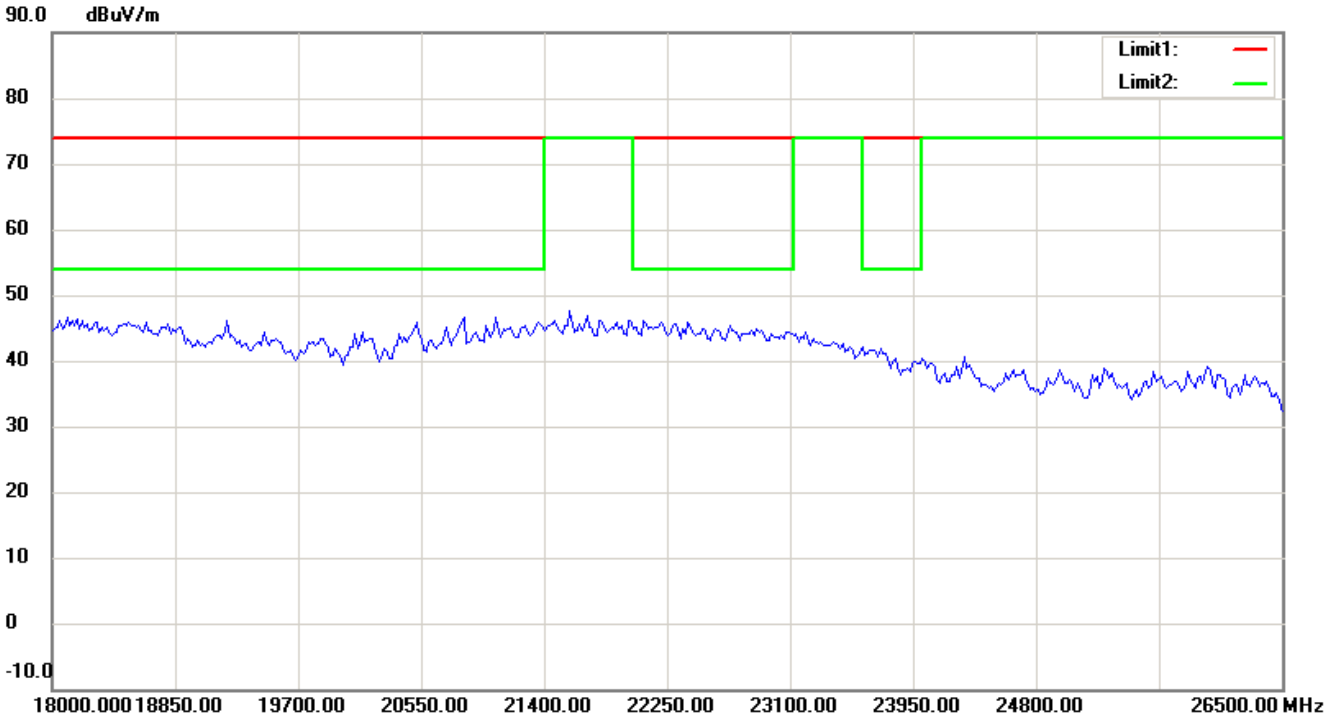
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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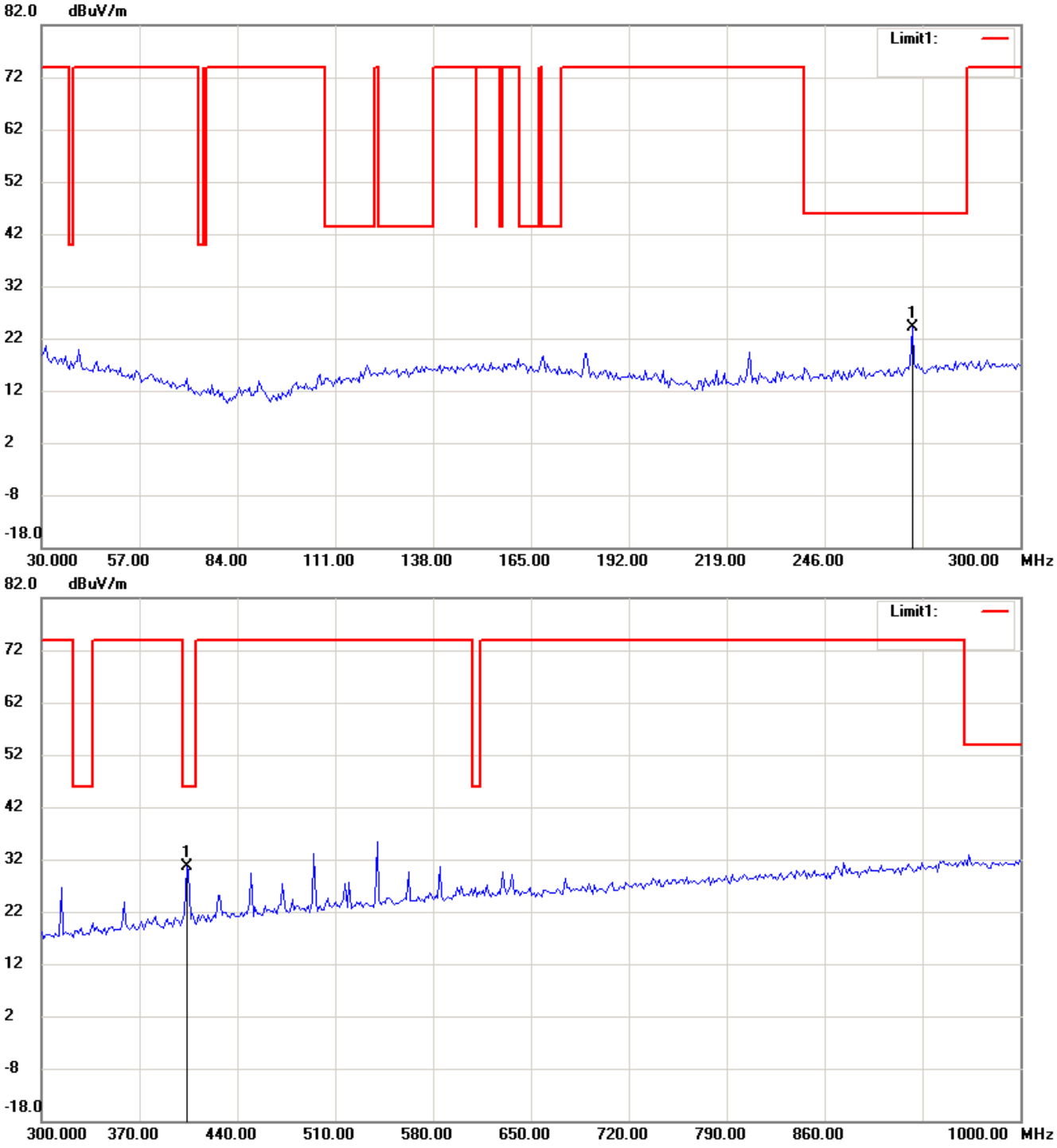
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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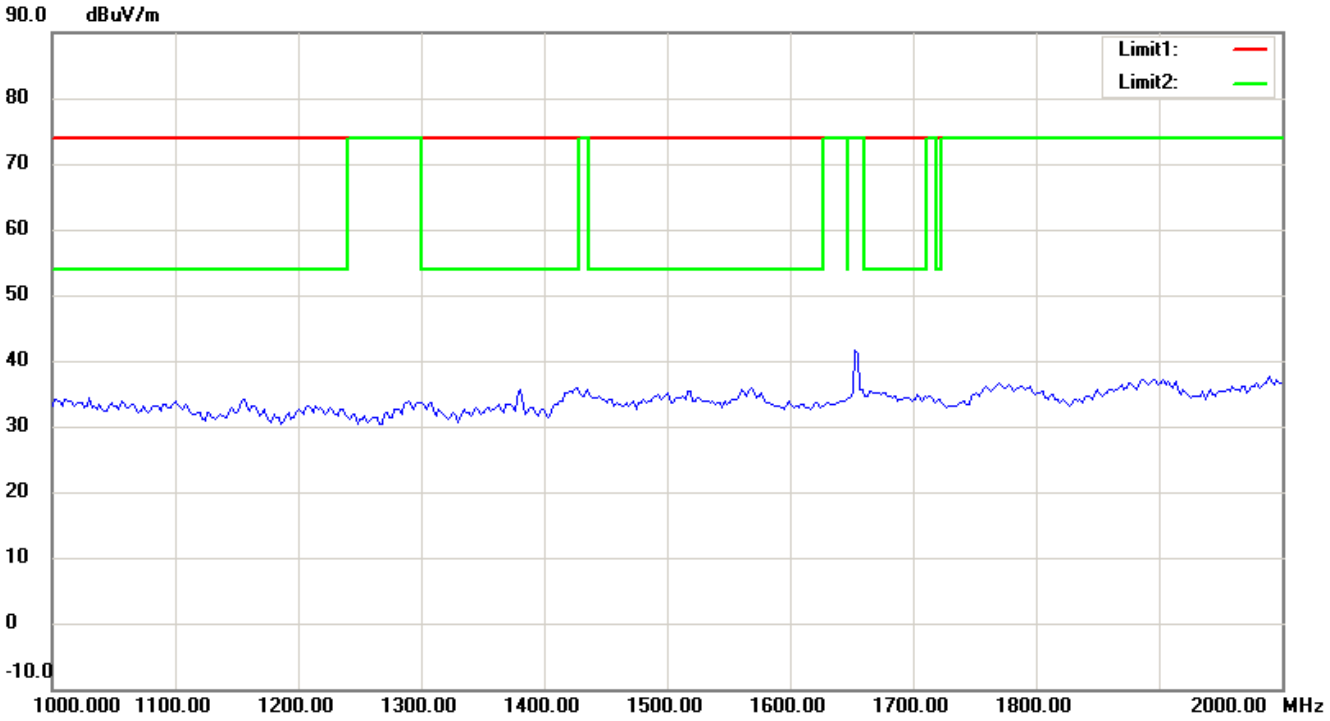
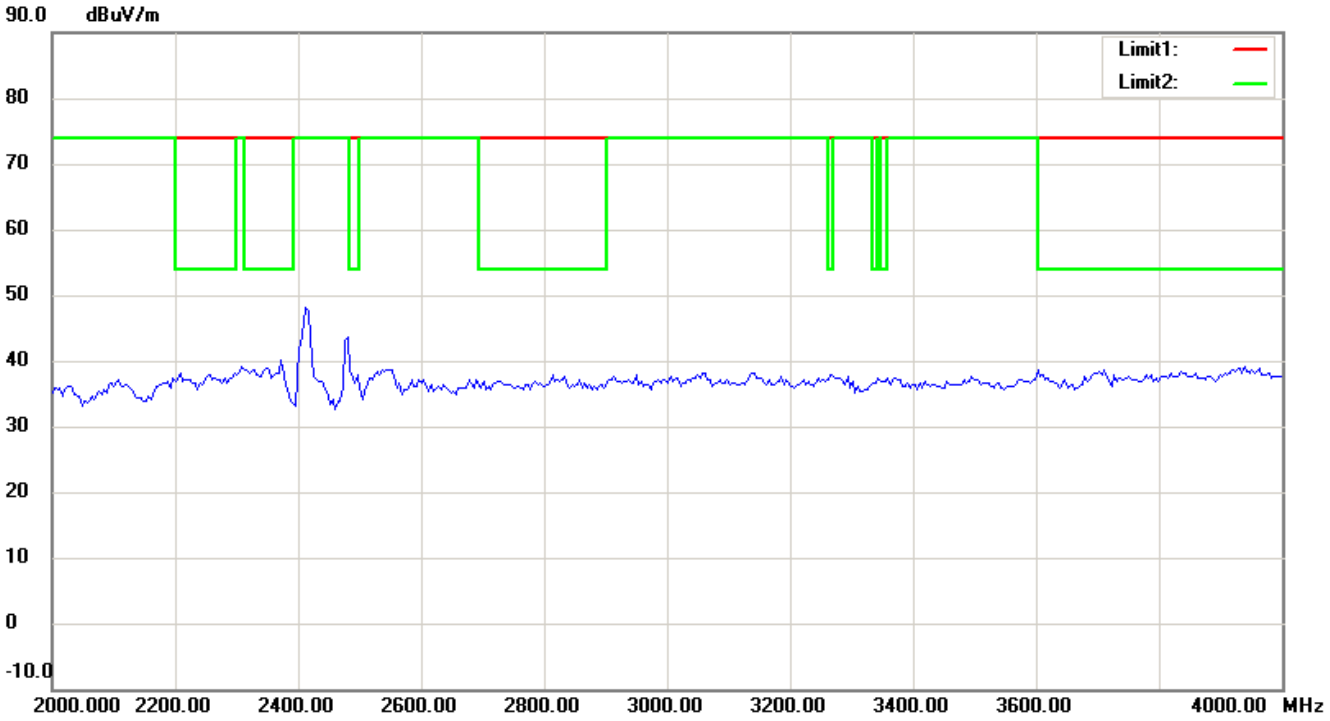
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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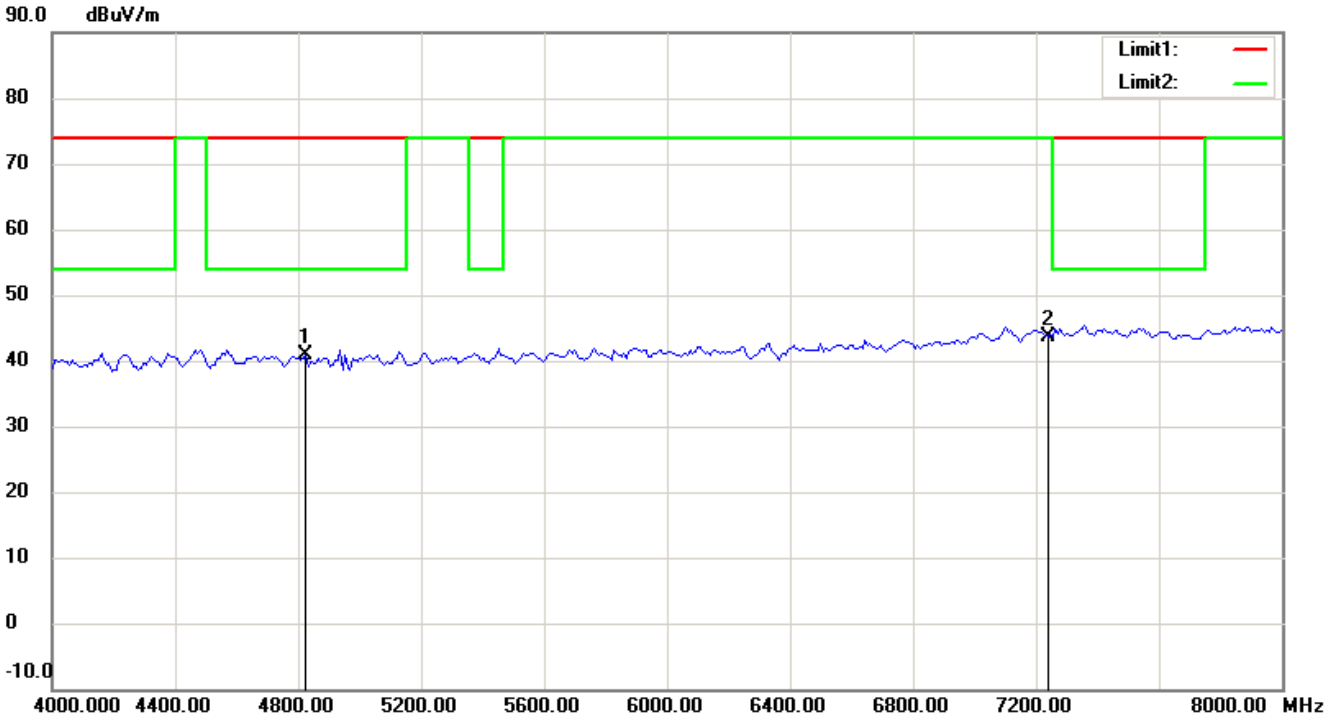
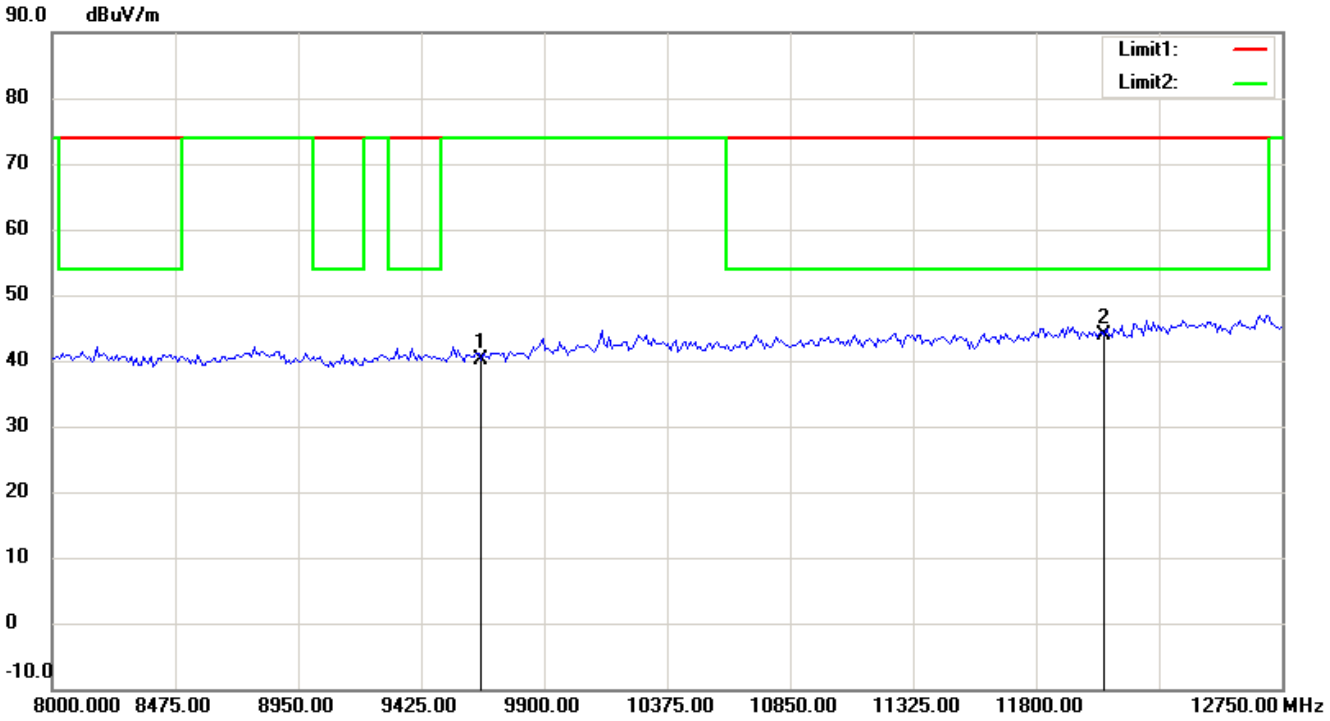
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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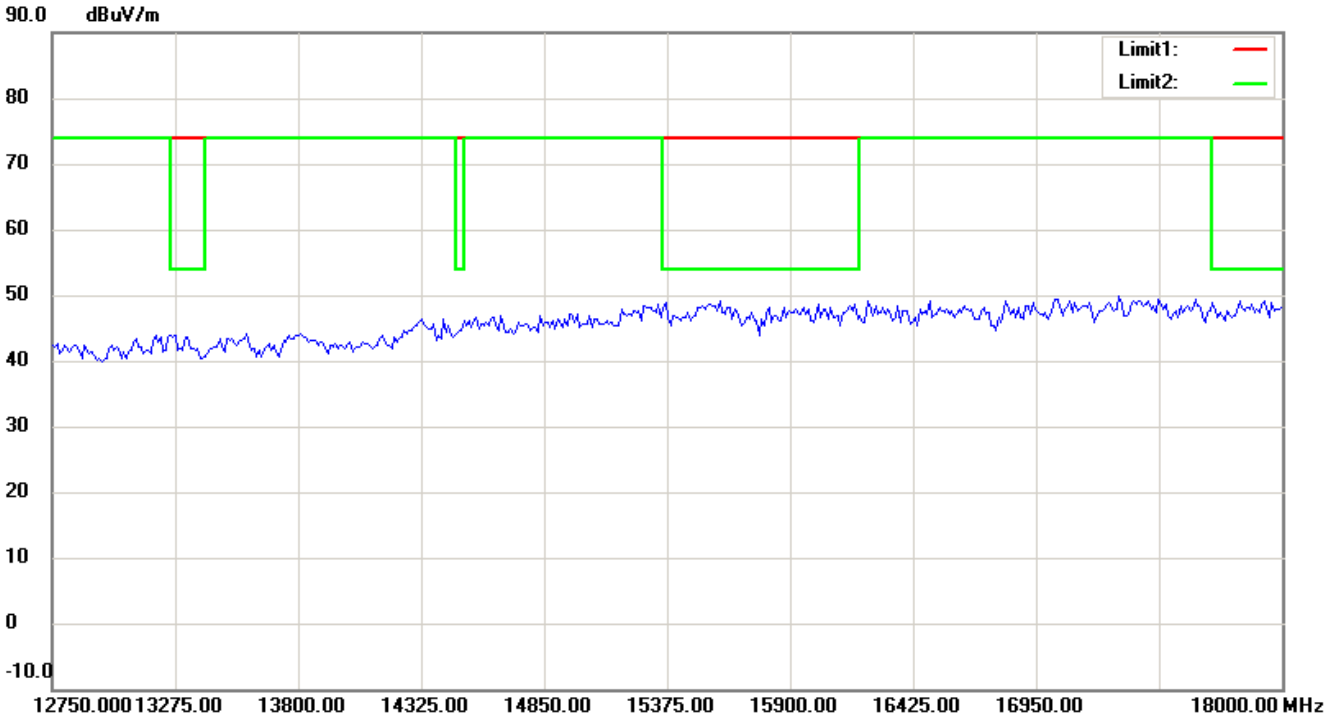
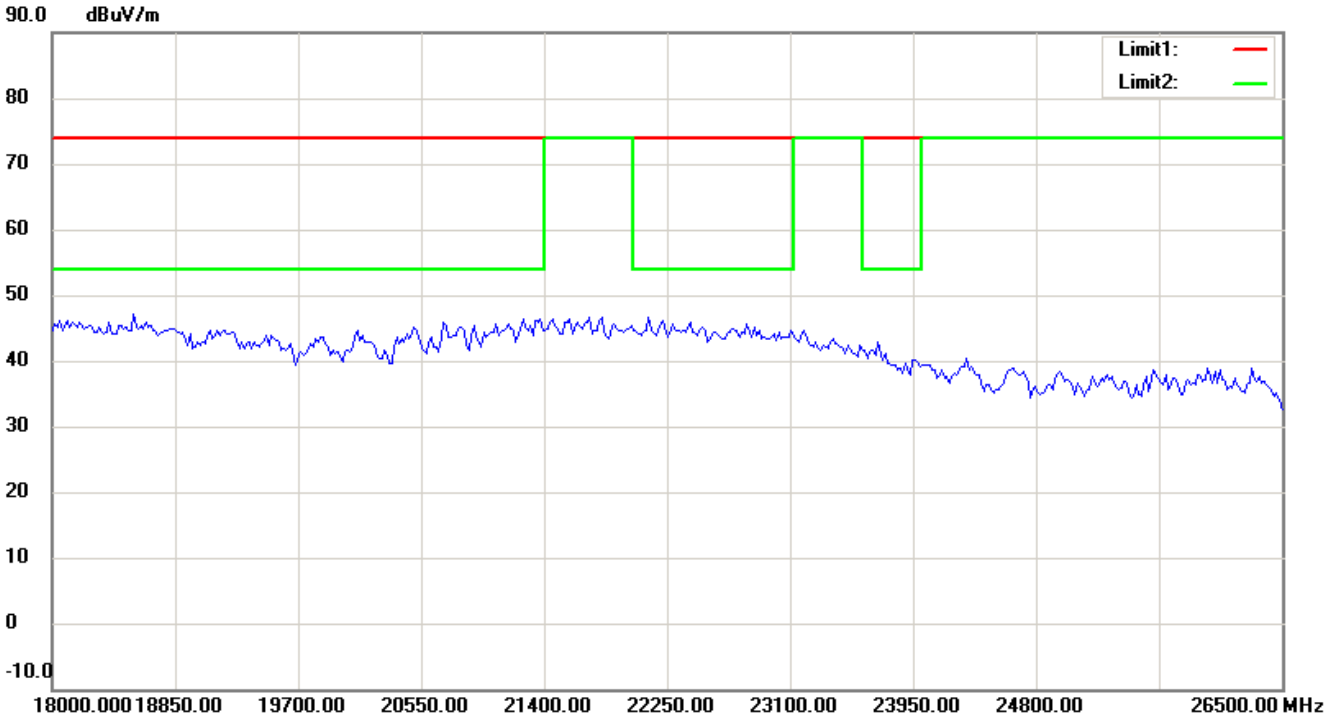
FCC ID: IR5DT6





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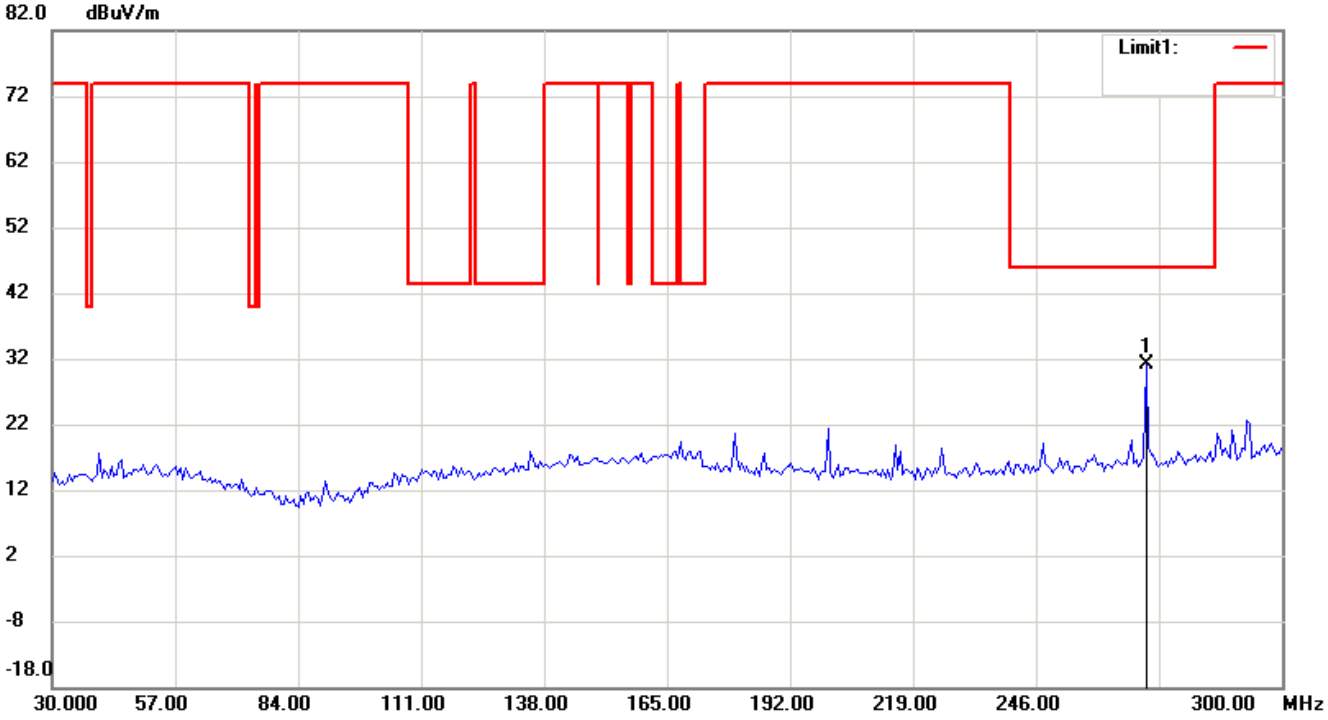
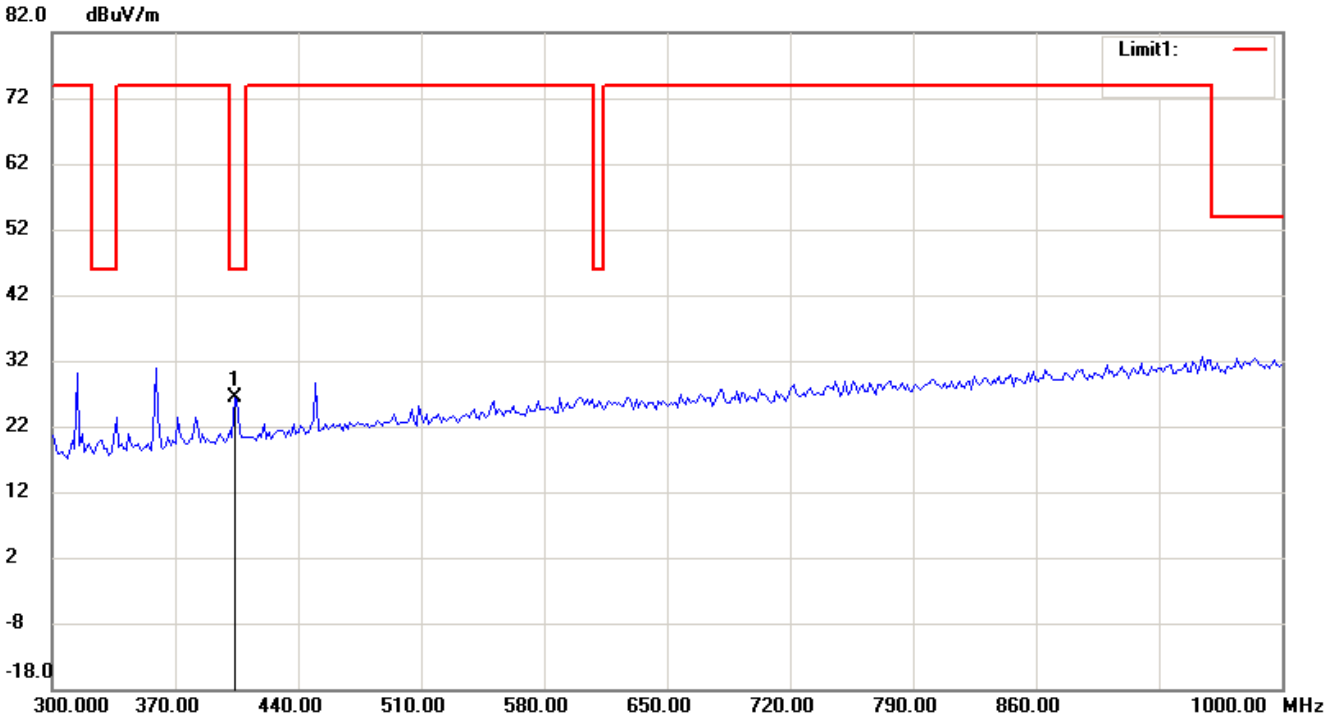
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11g 2437MHz
Antenna Polarization H





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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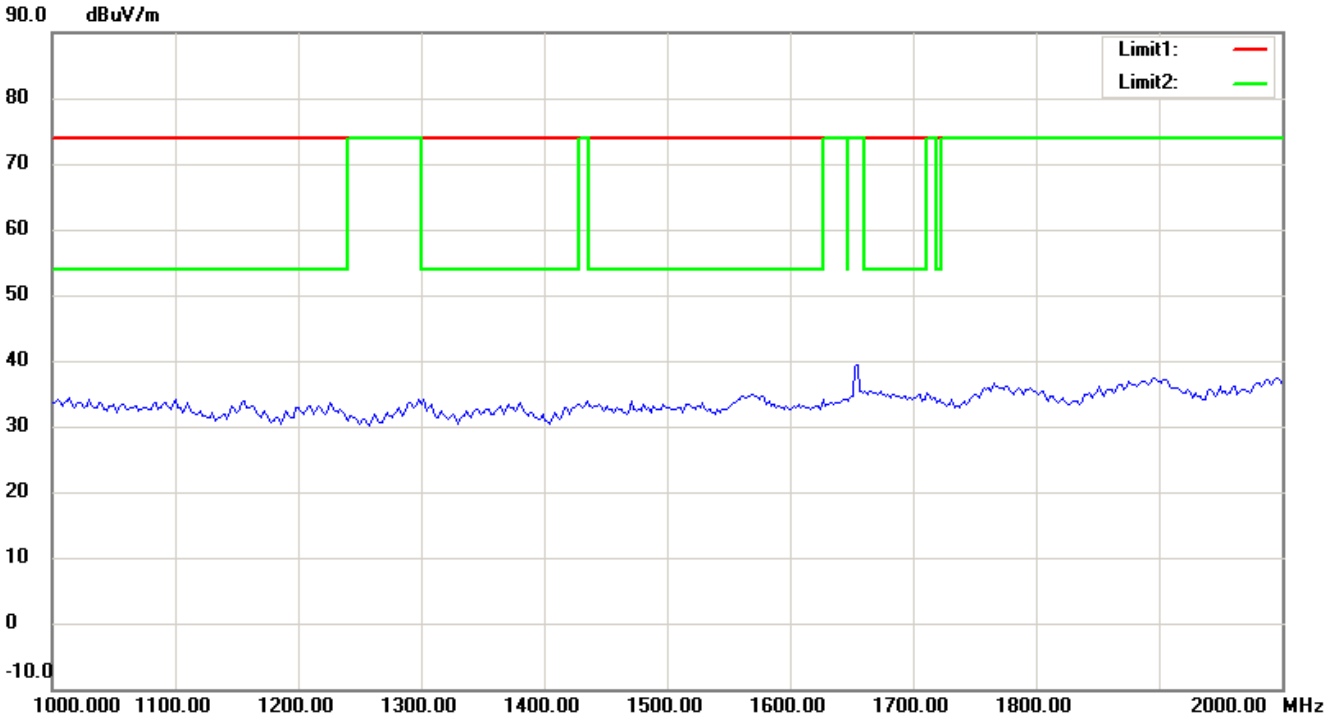
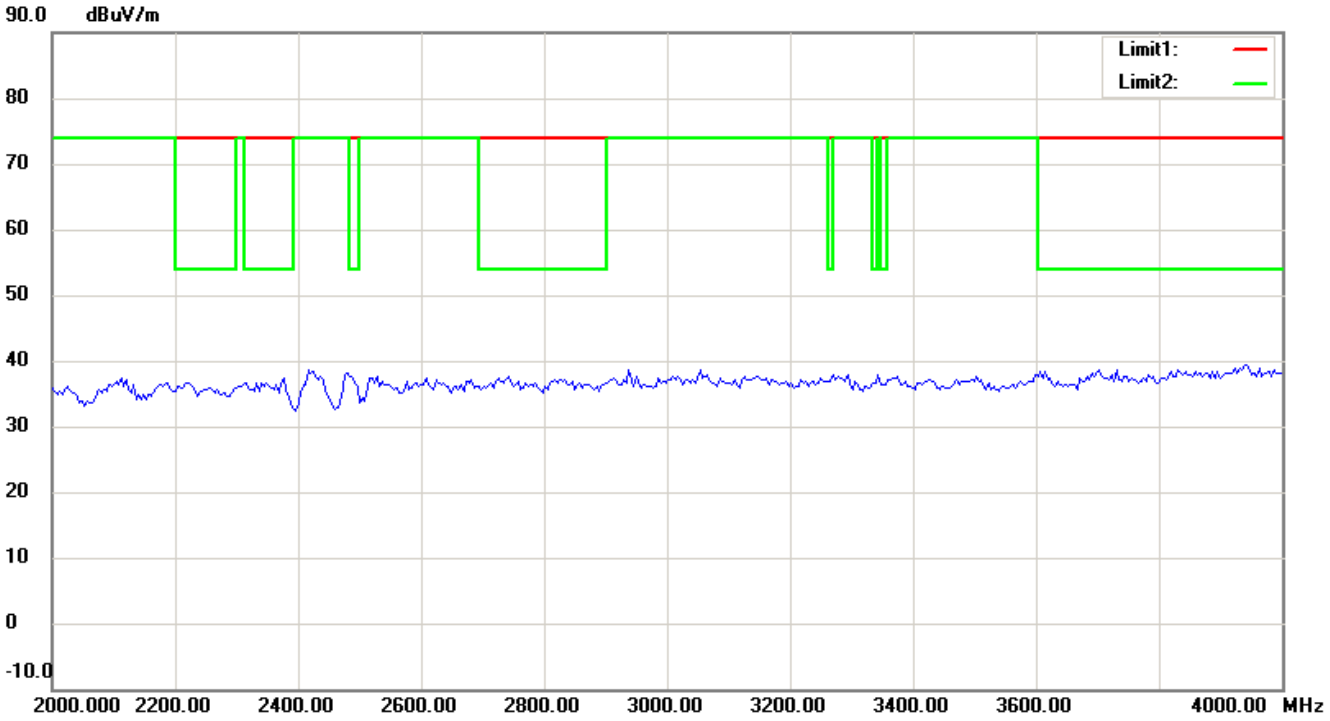
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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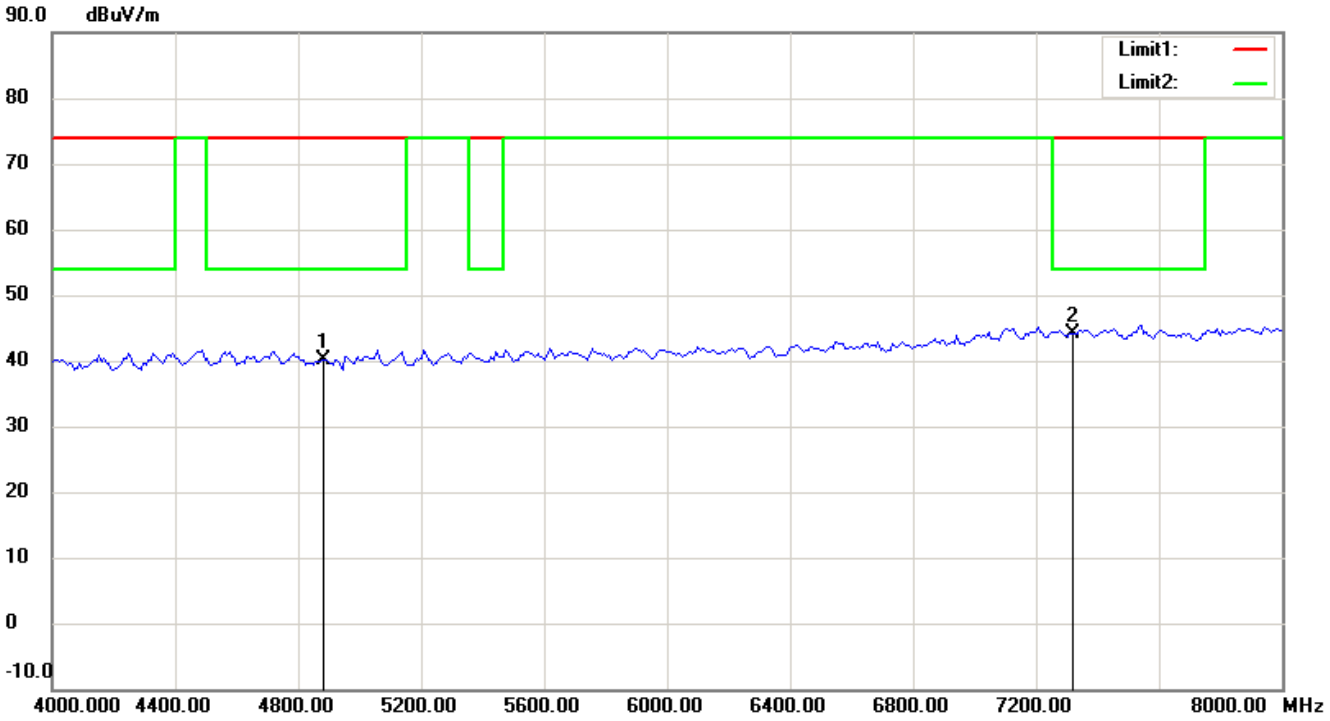
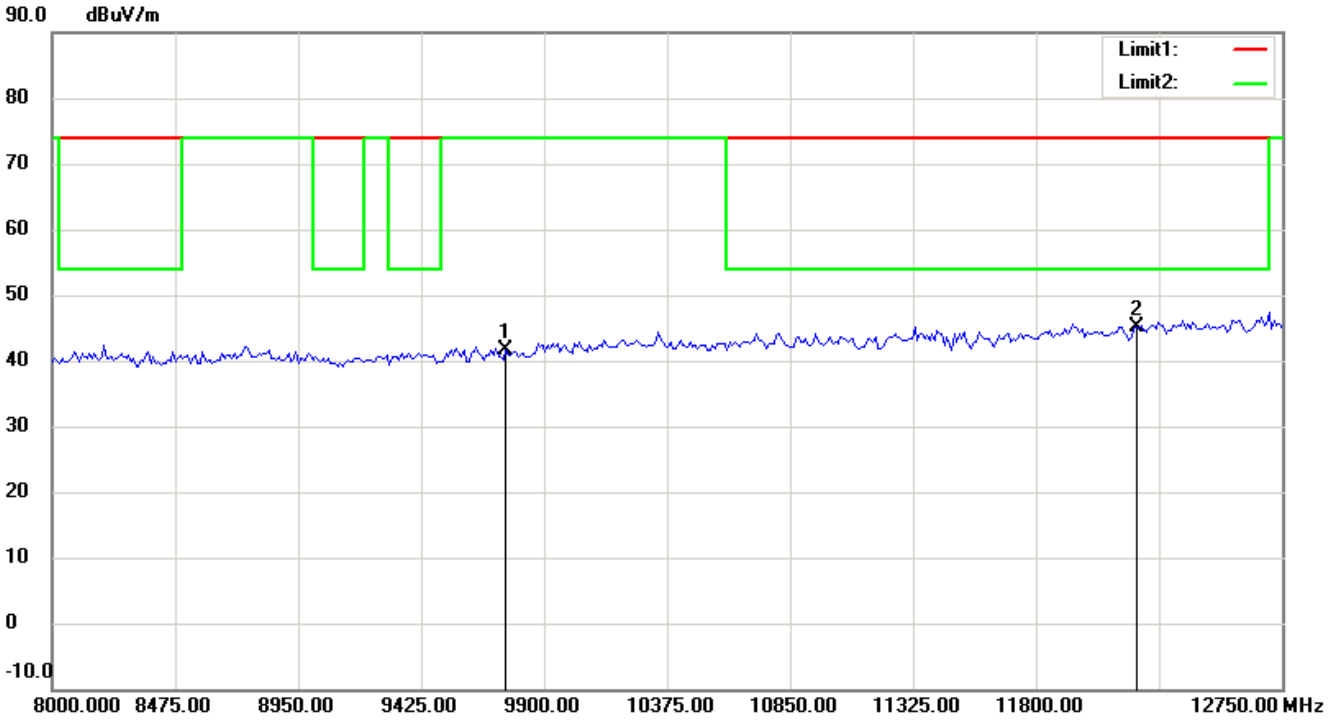
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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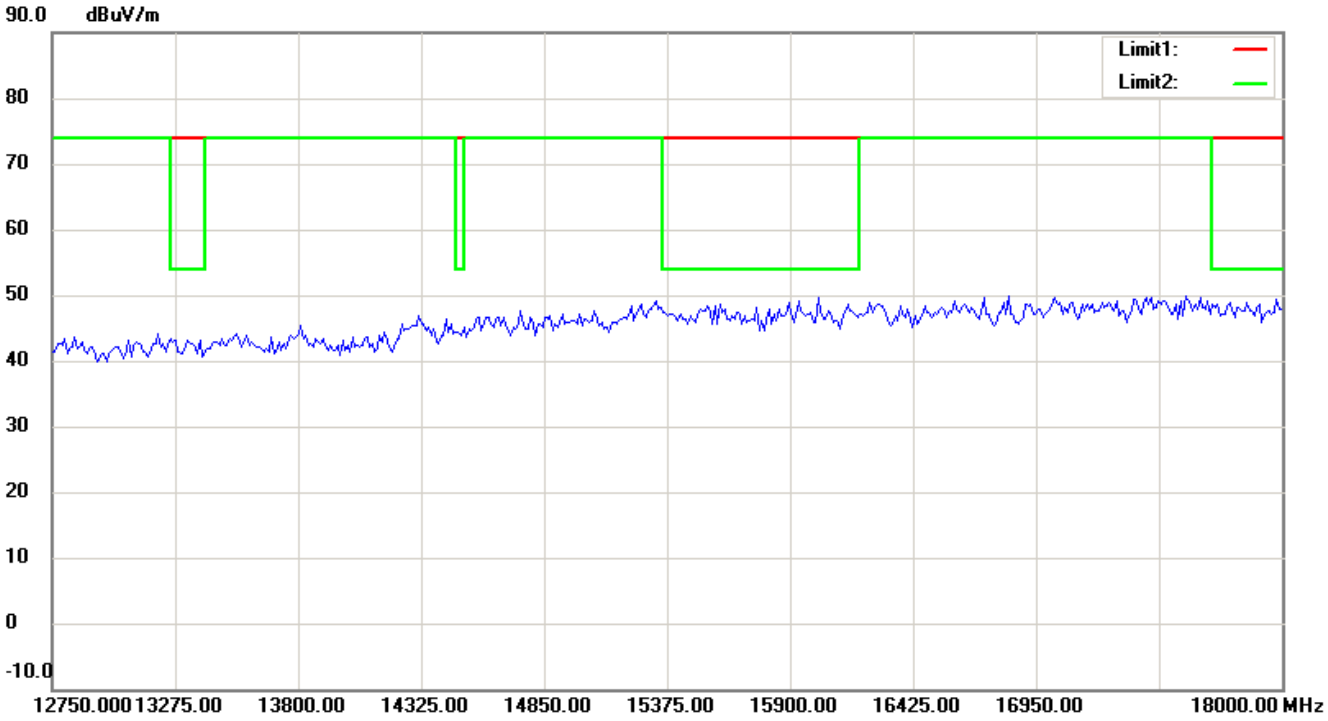
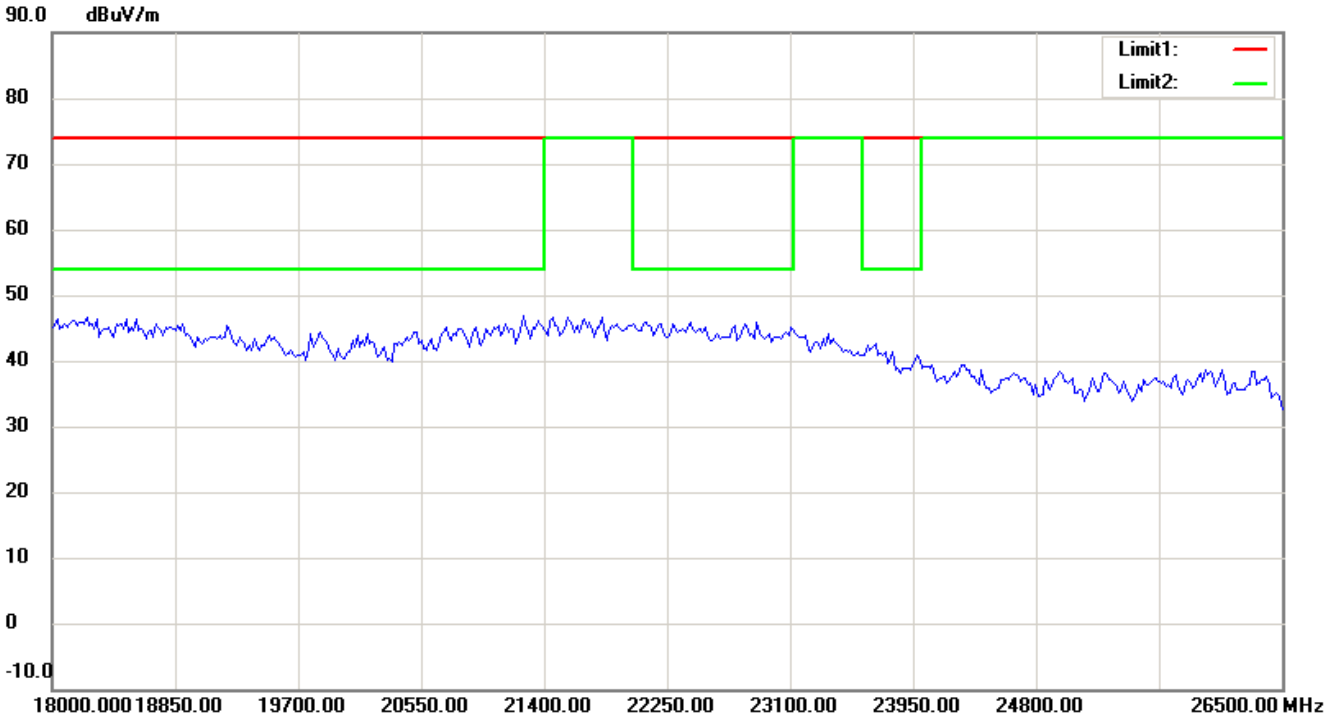
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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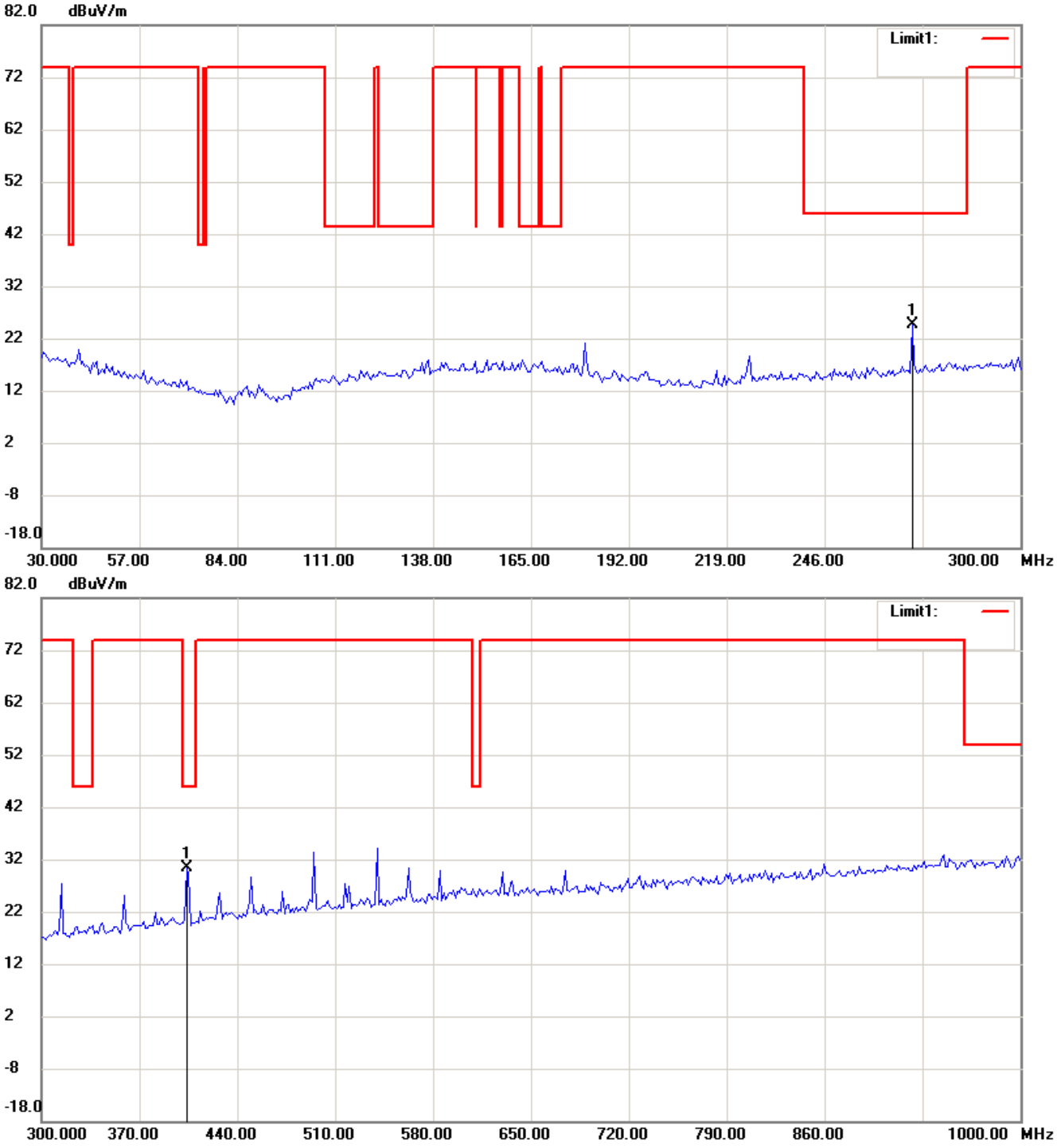
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
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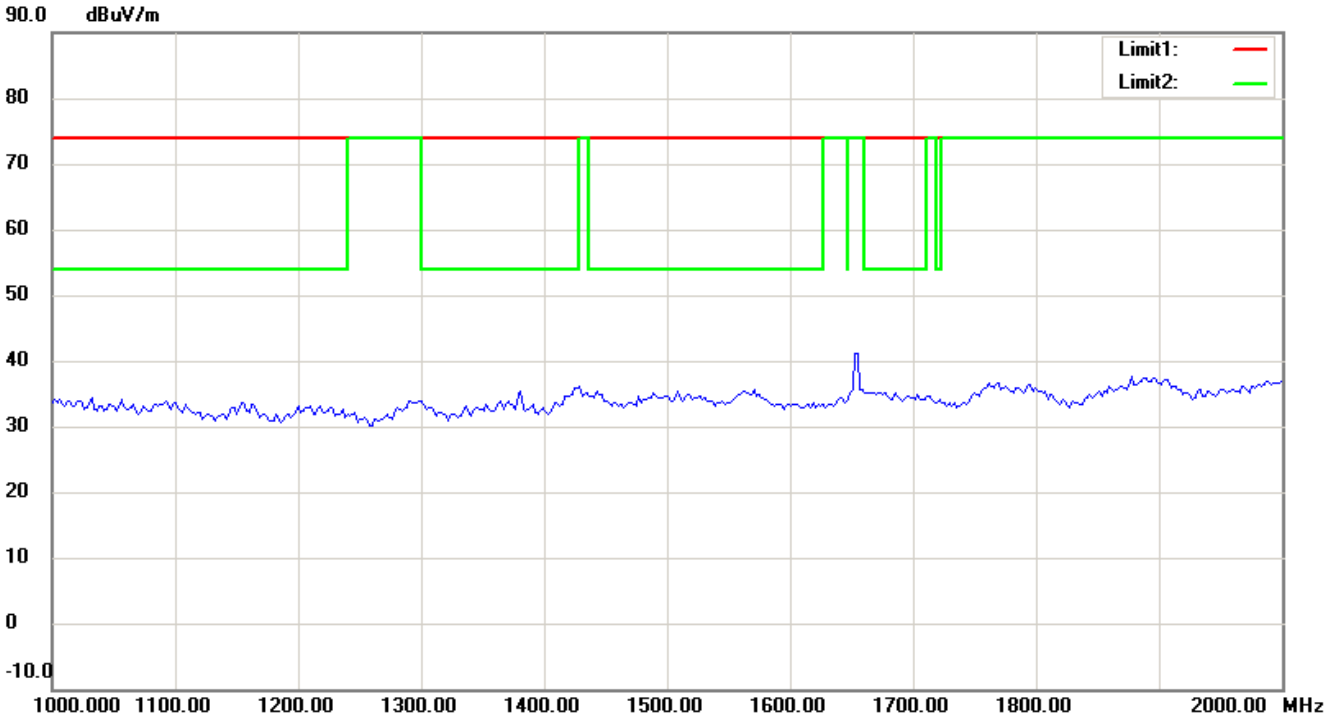
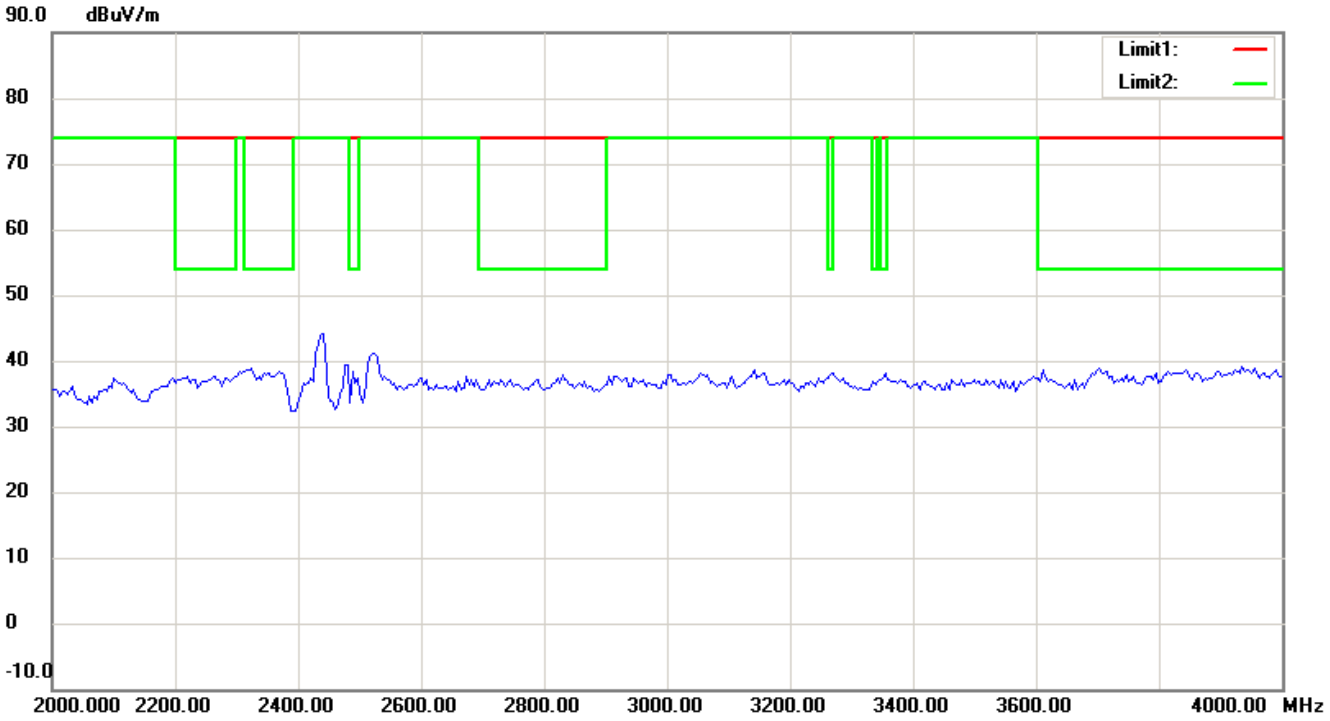
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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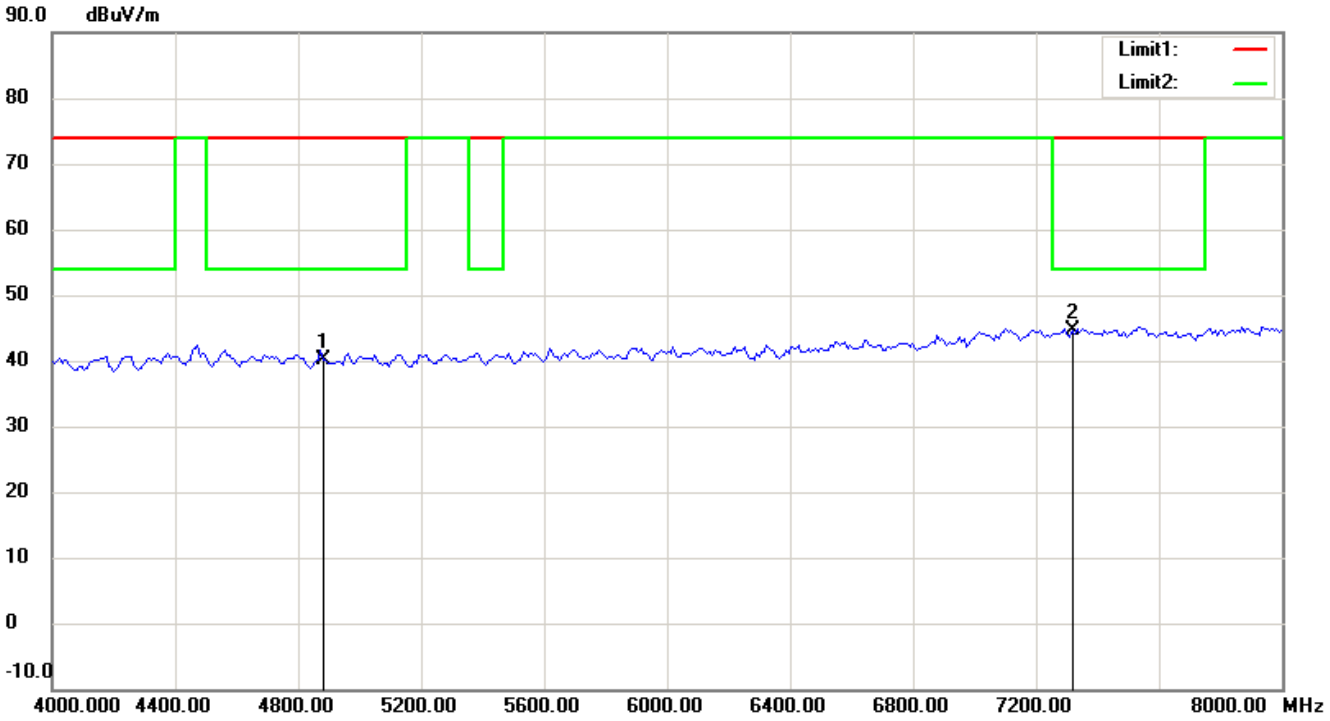

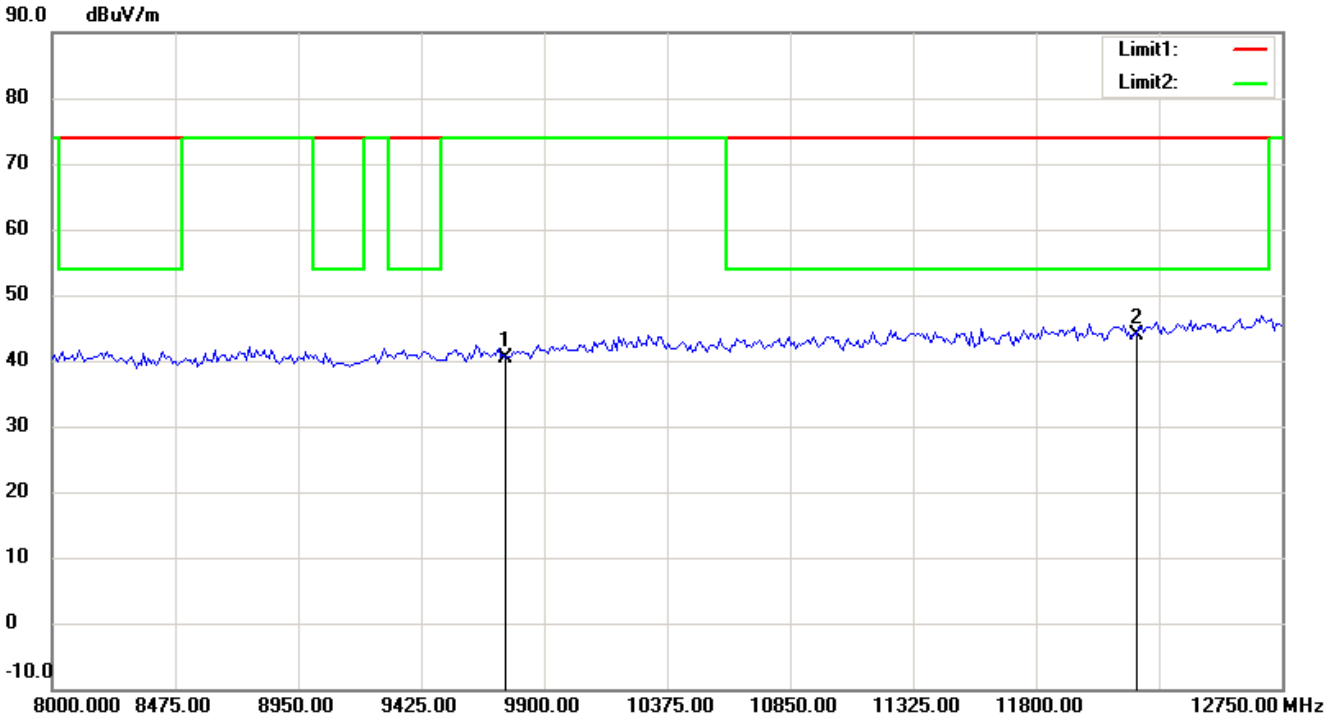

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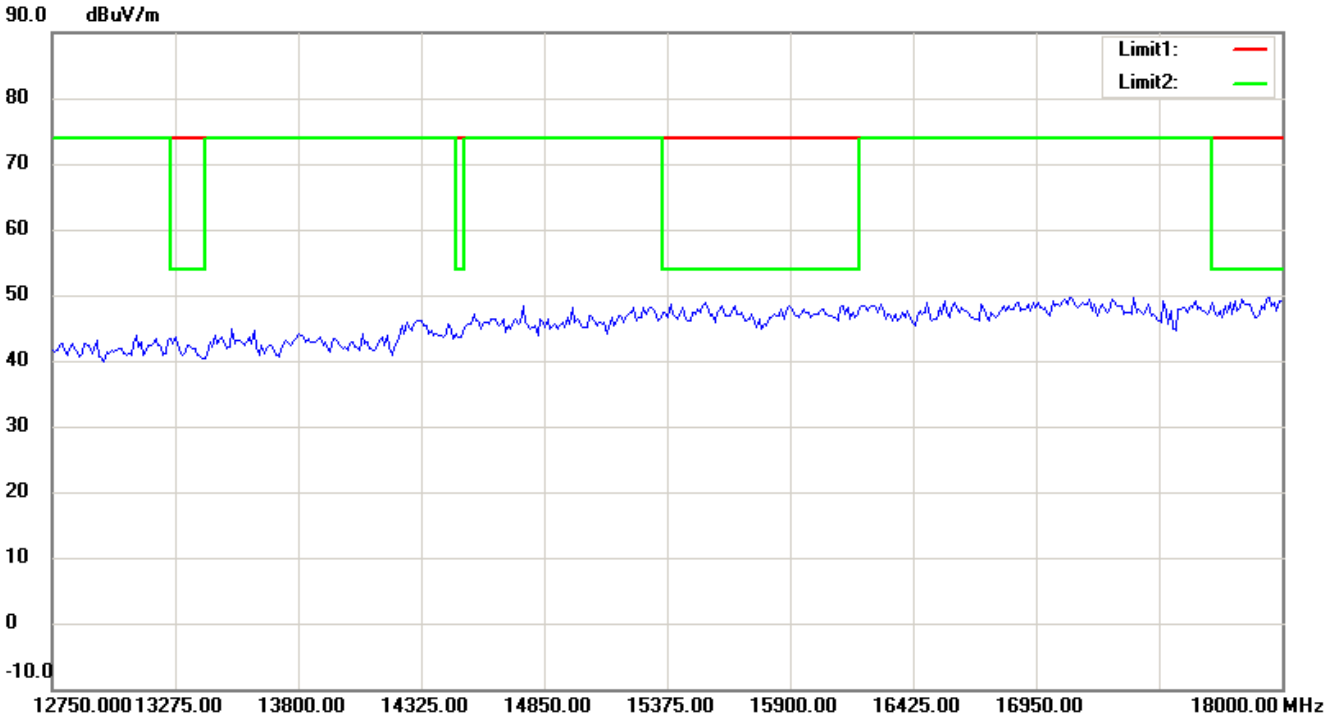

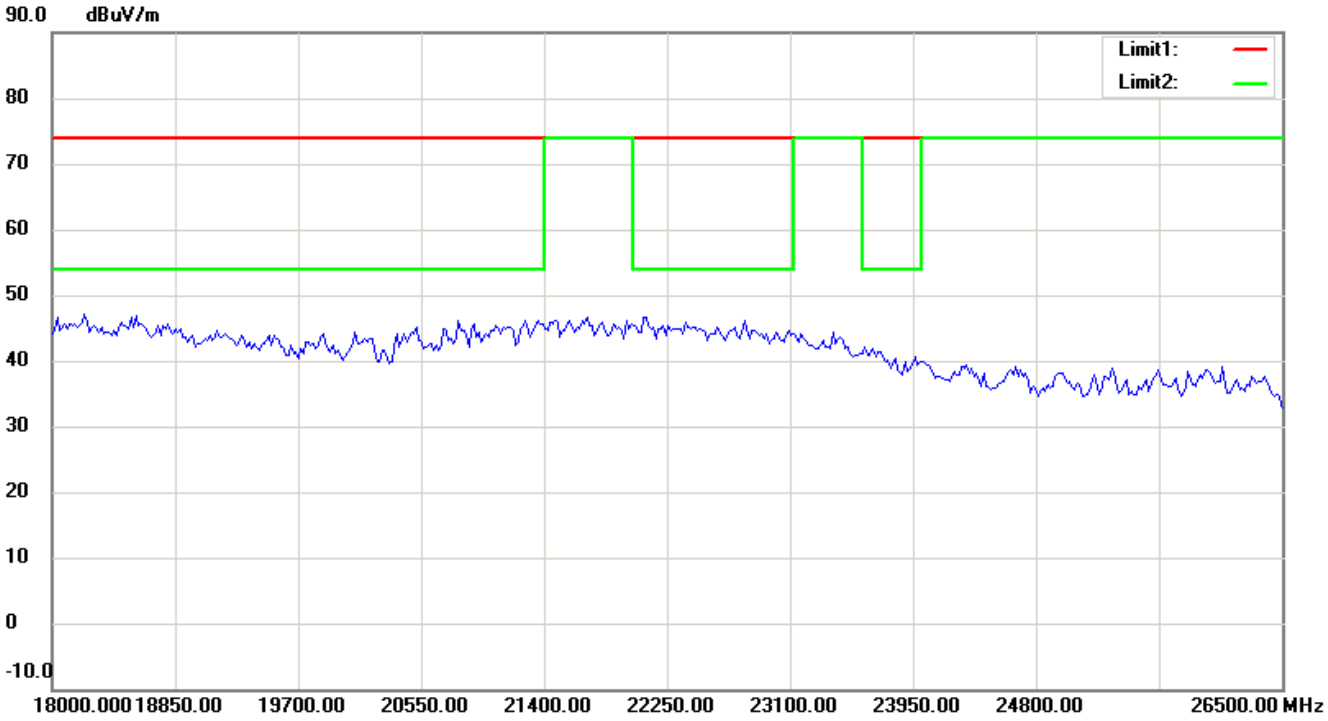

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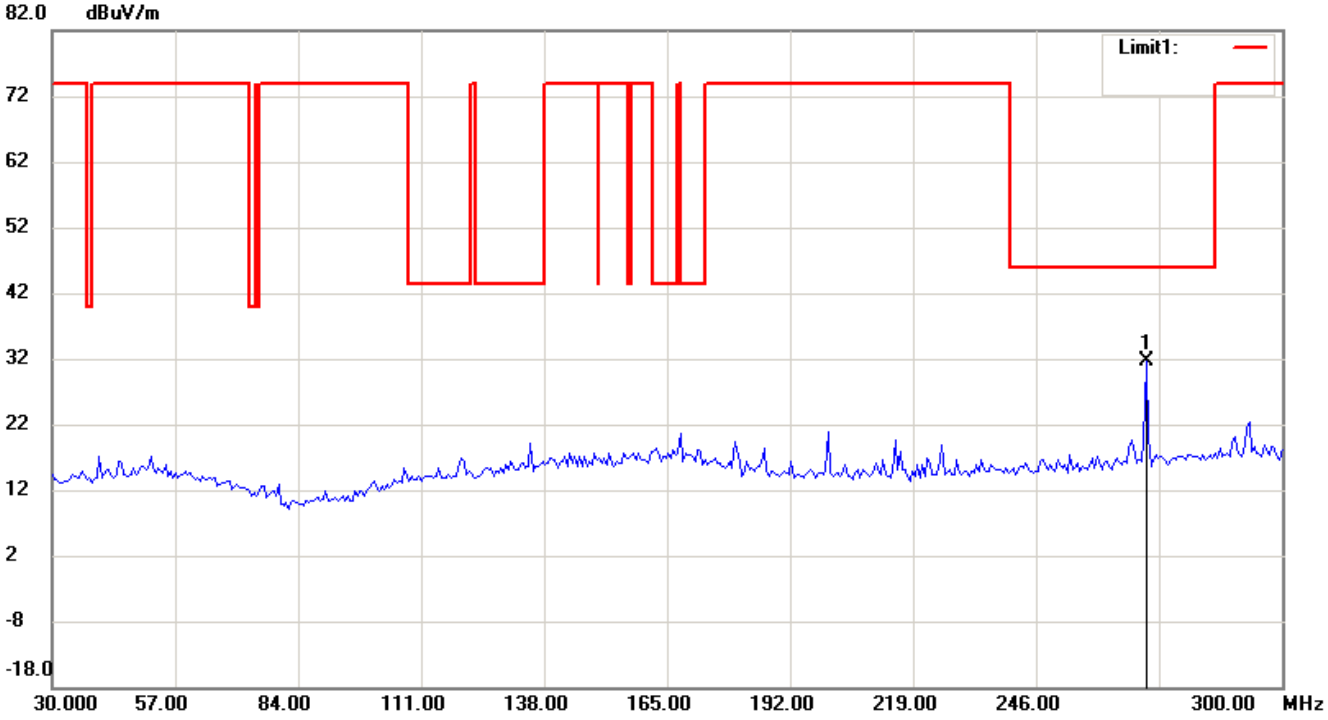
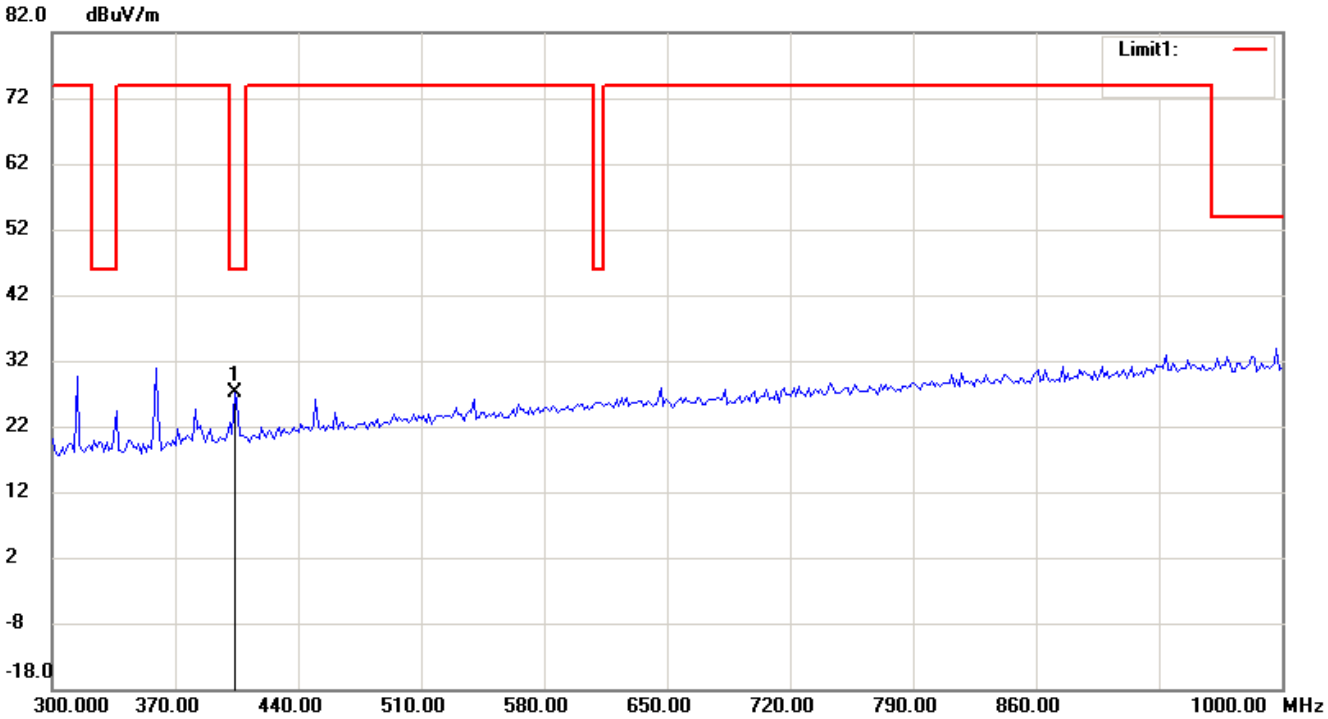
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11g 2462MHz
Antenna Polarization H





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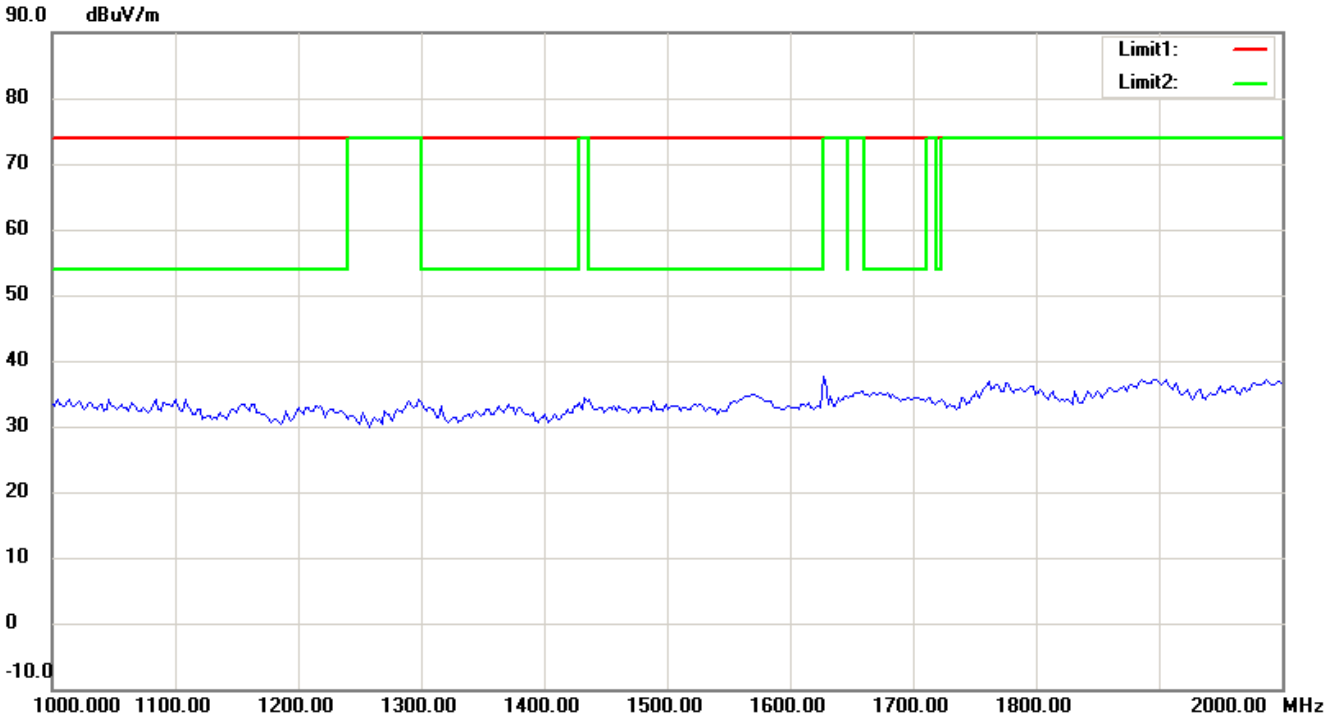

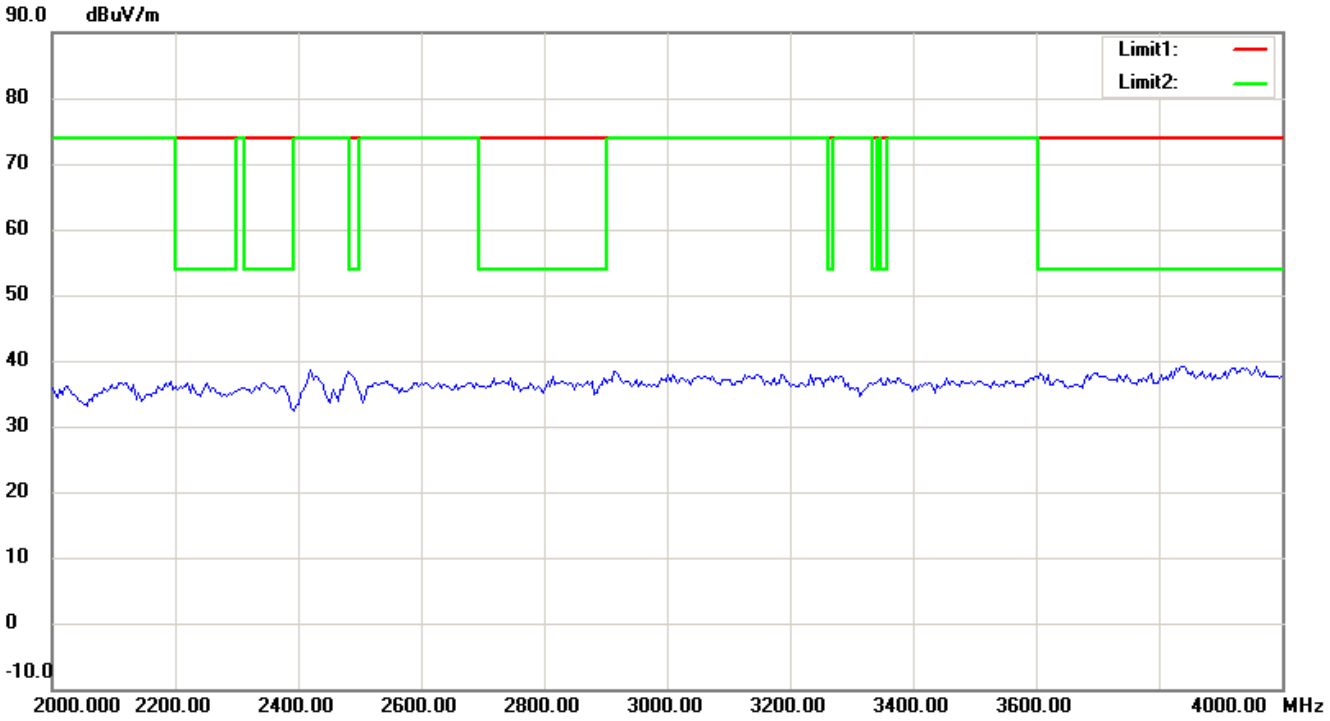

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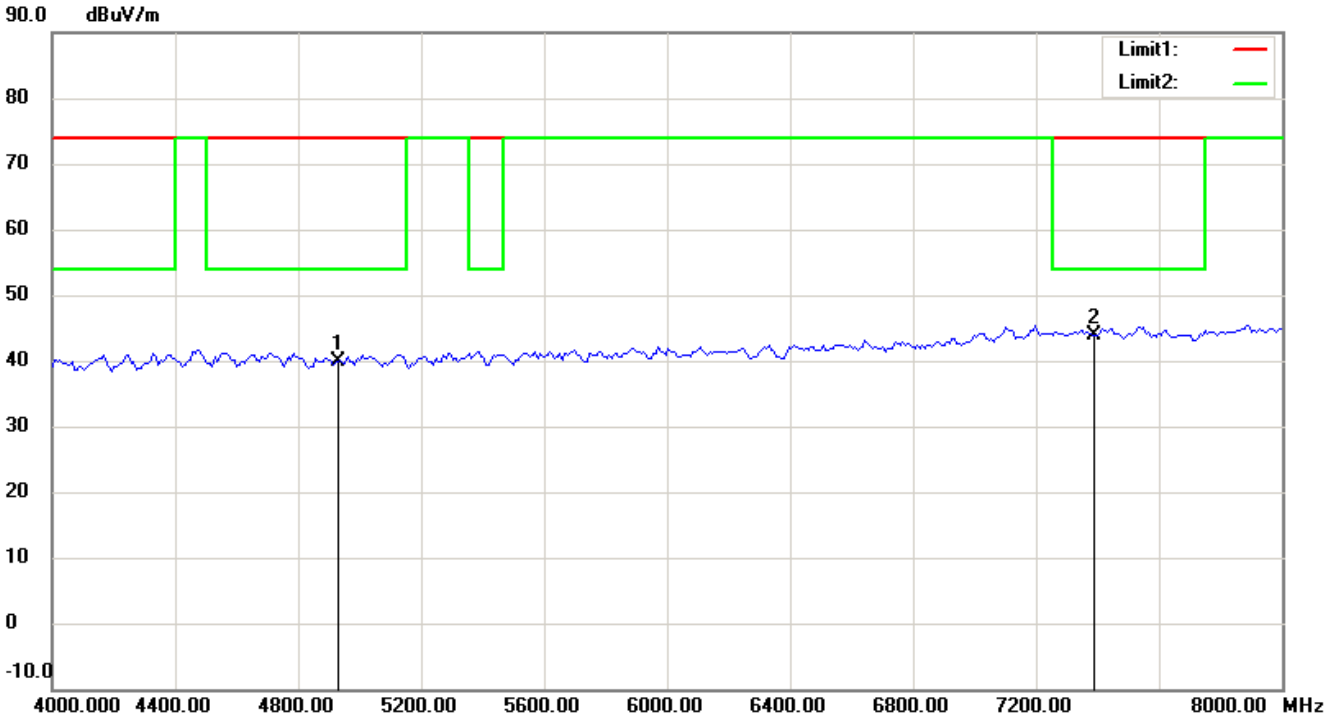

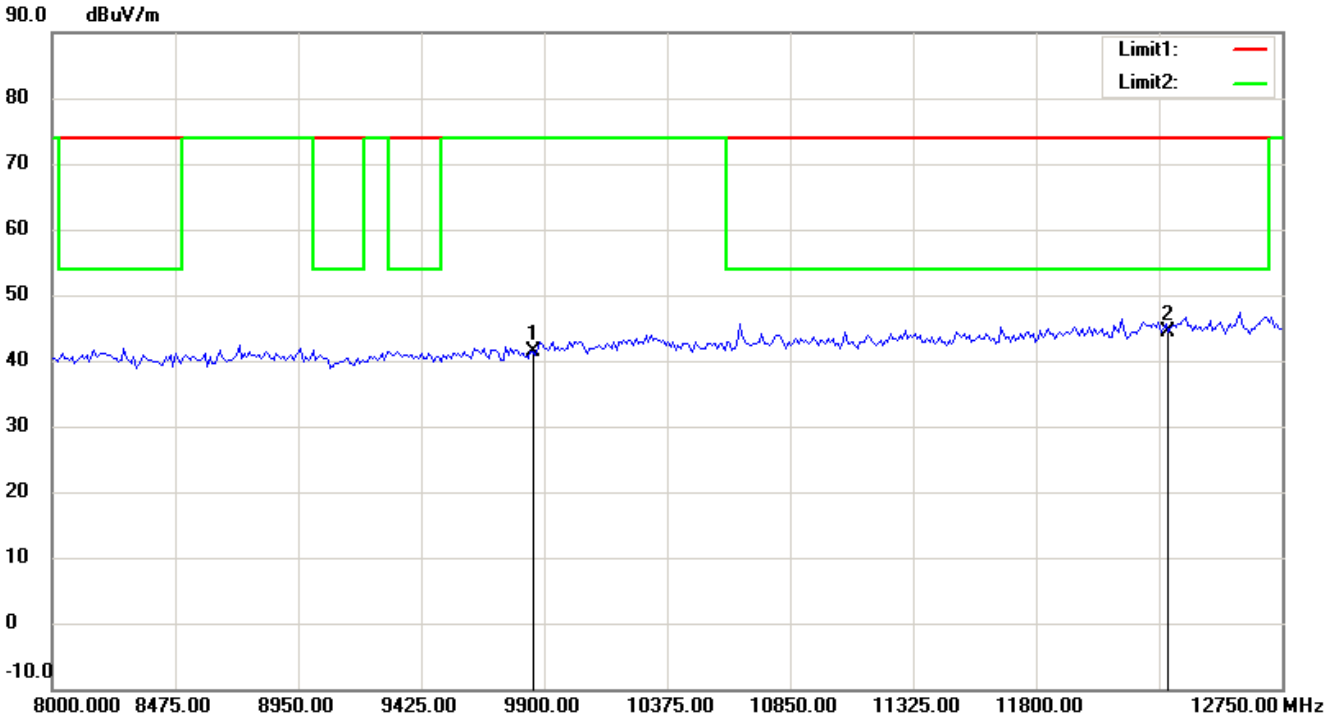

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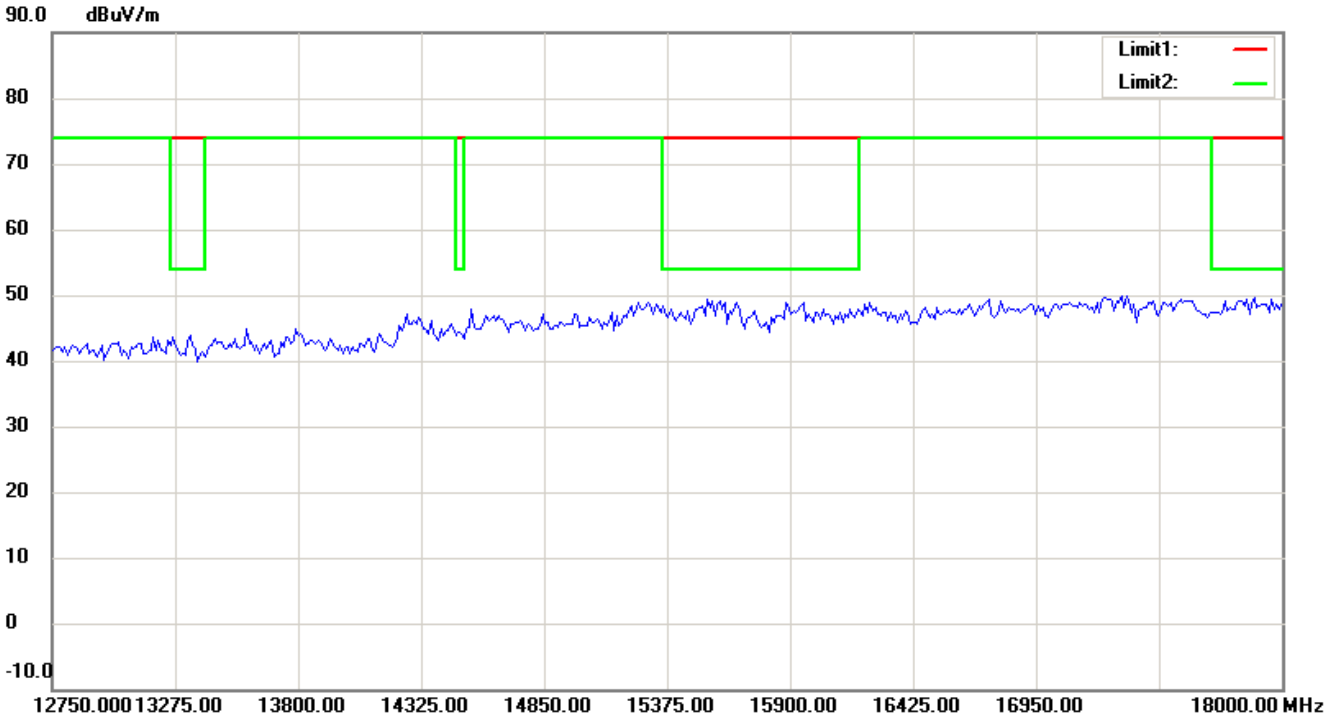

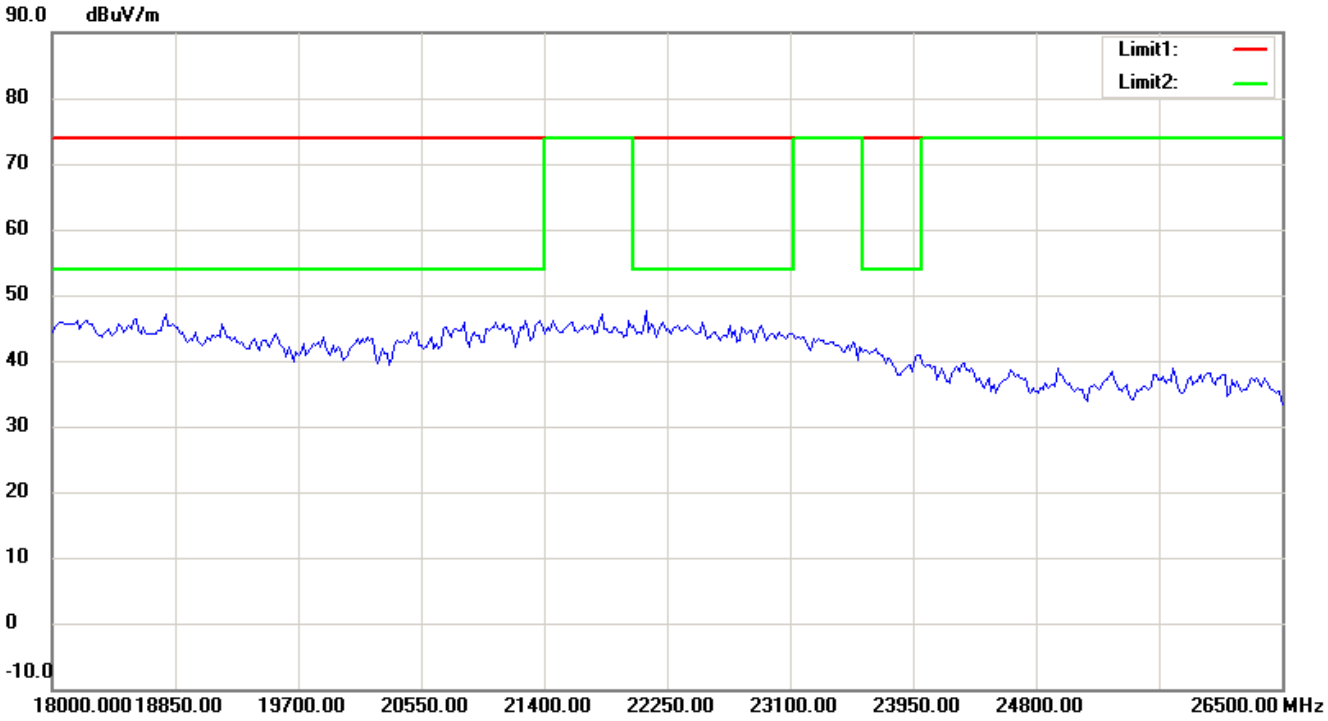

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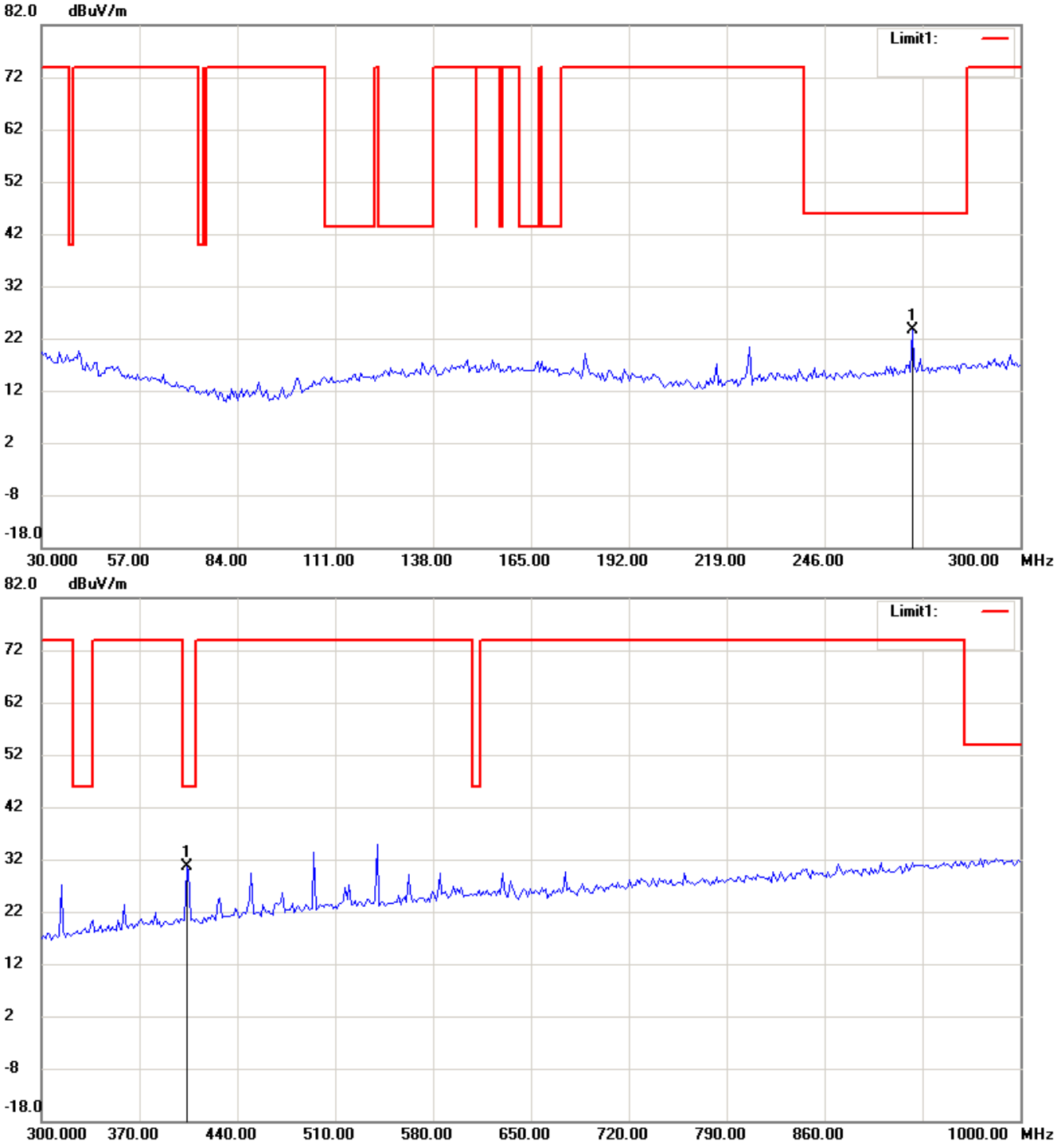
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
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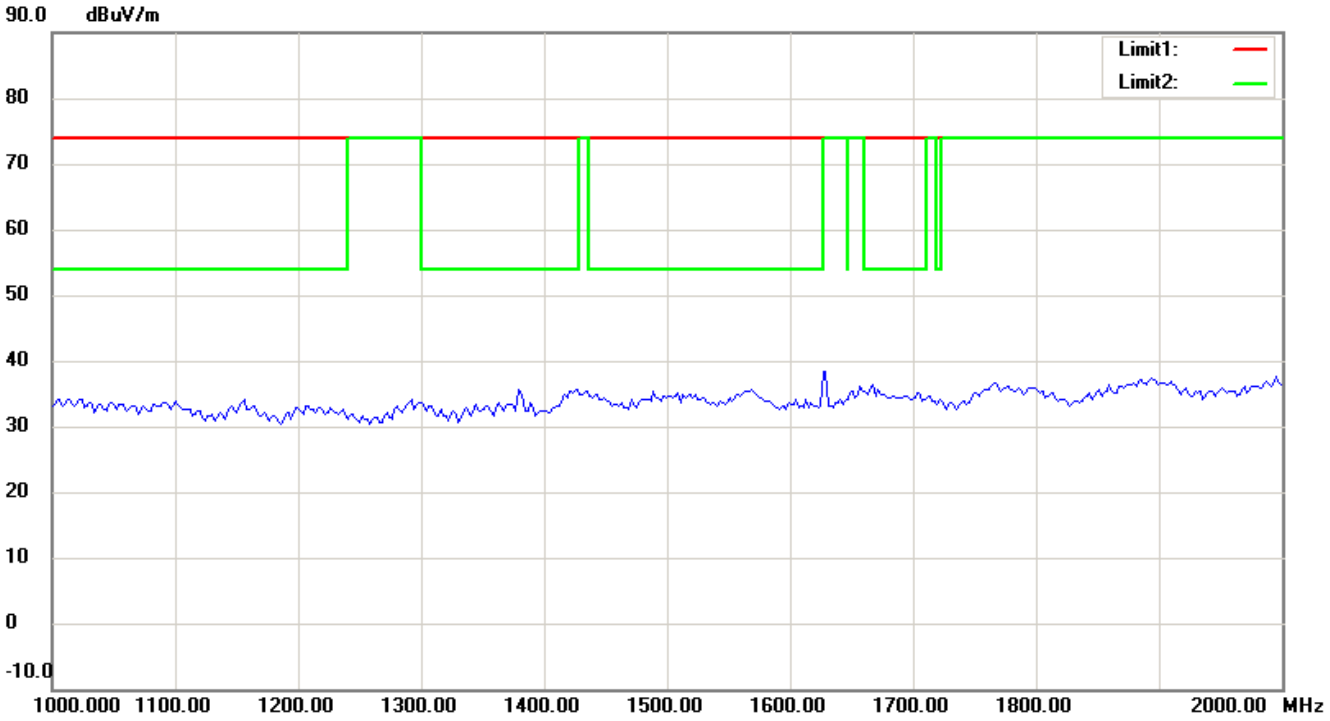
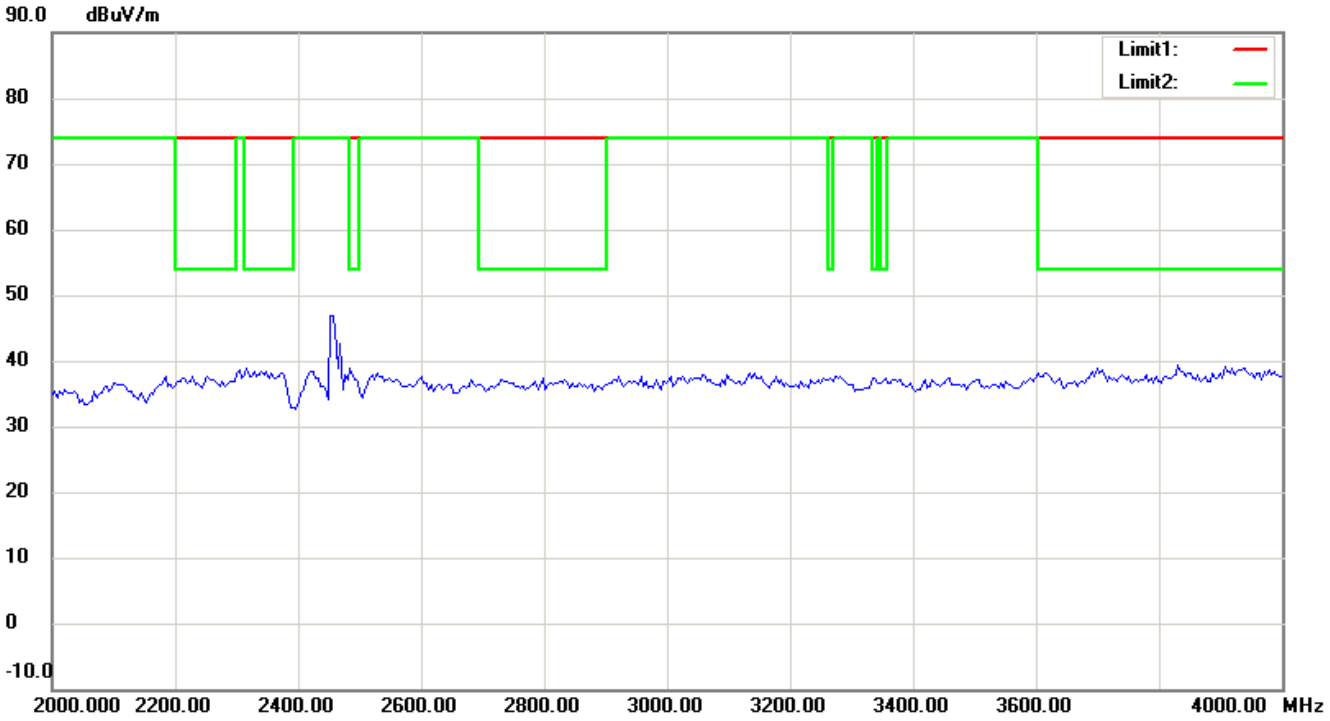
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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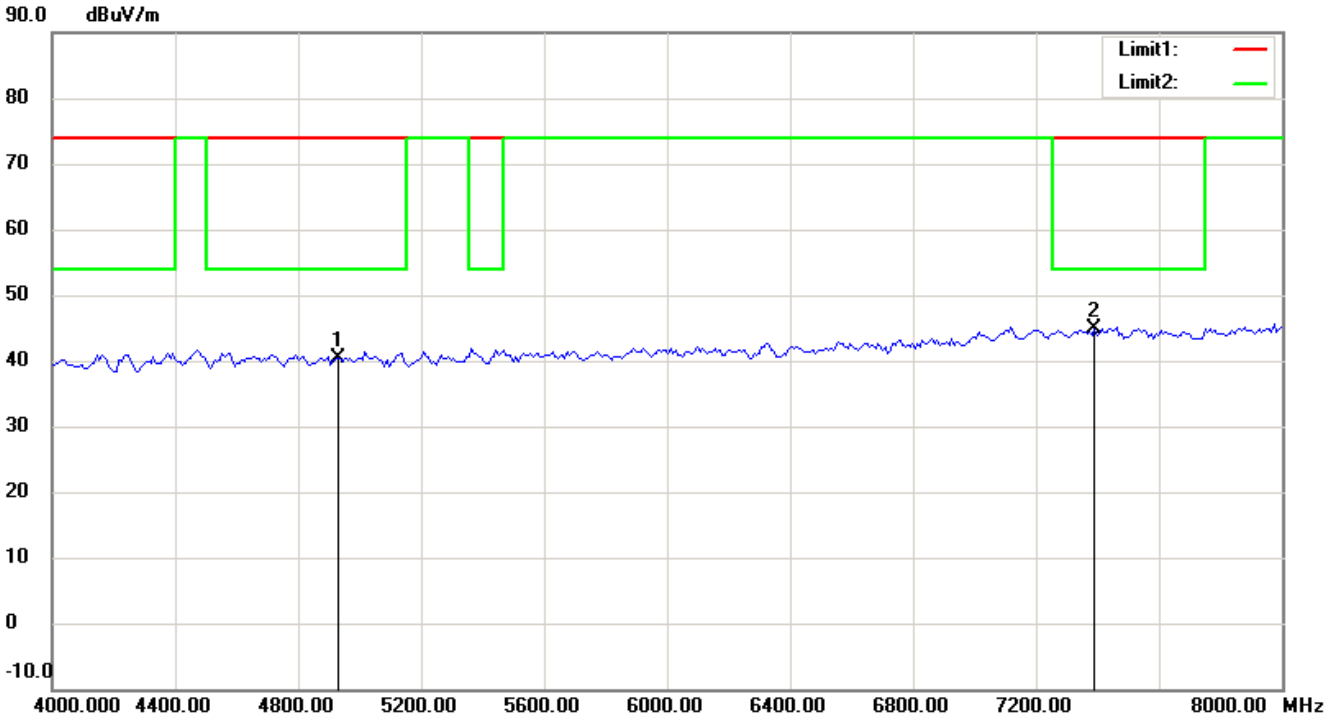
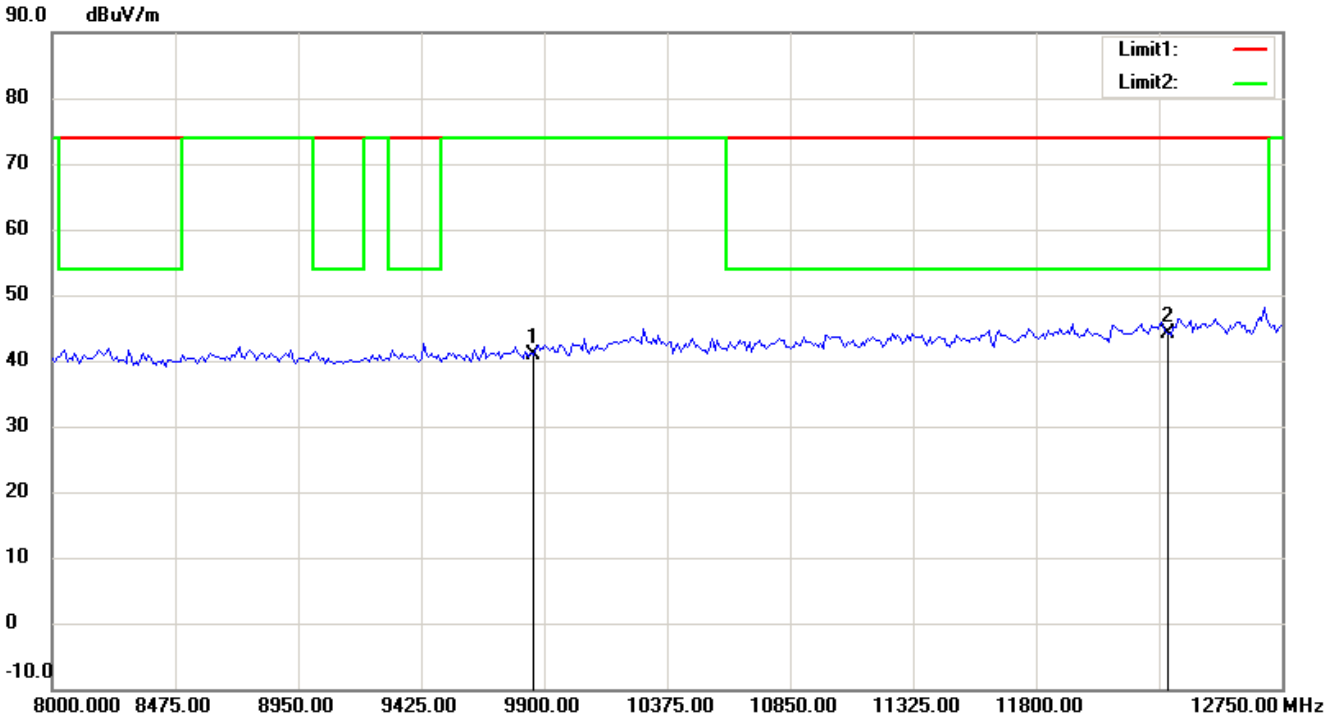
2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
3. **For corrected test results are listed in the relevant table of radiated test data of this test report.**

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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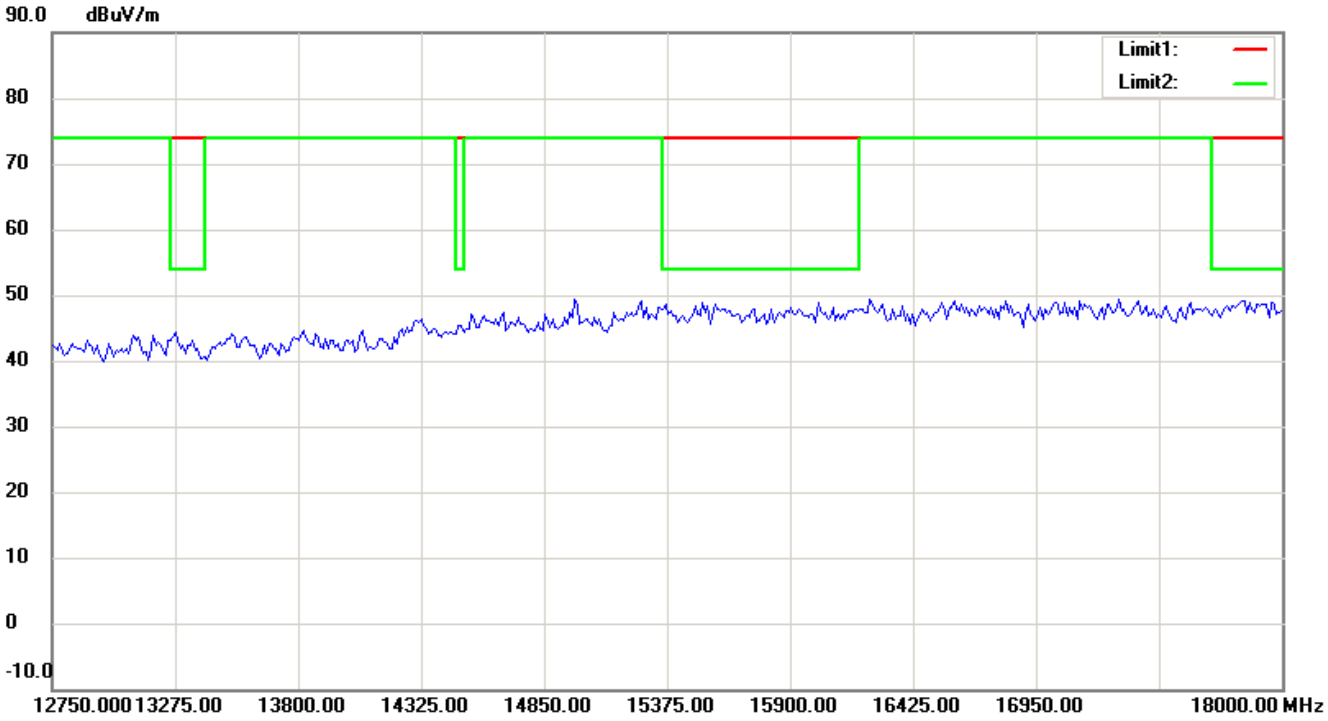
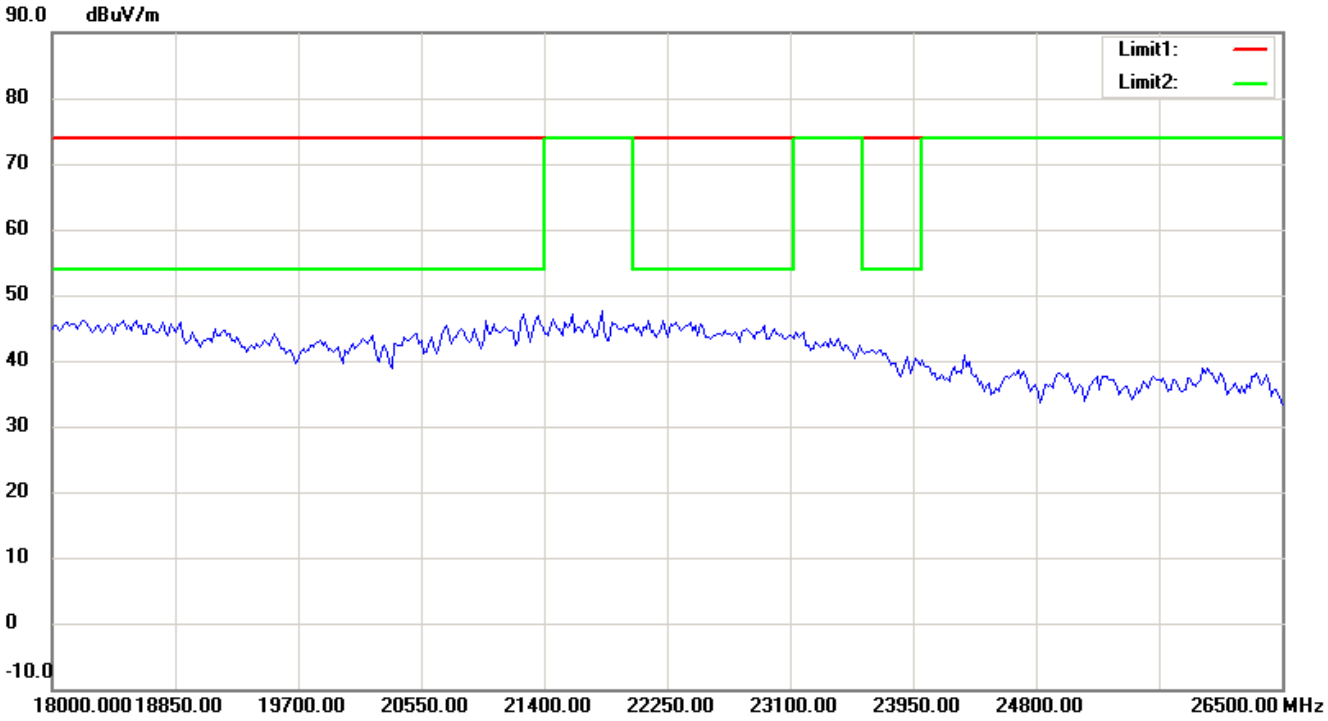
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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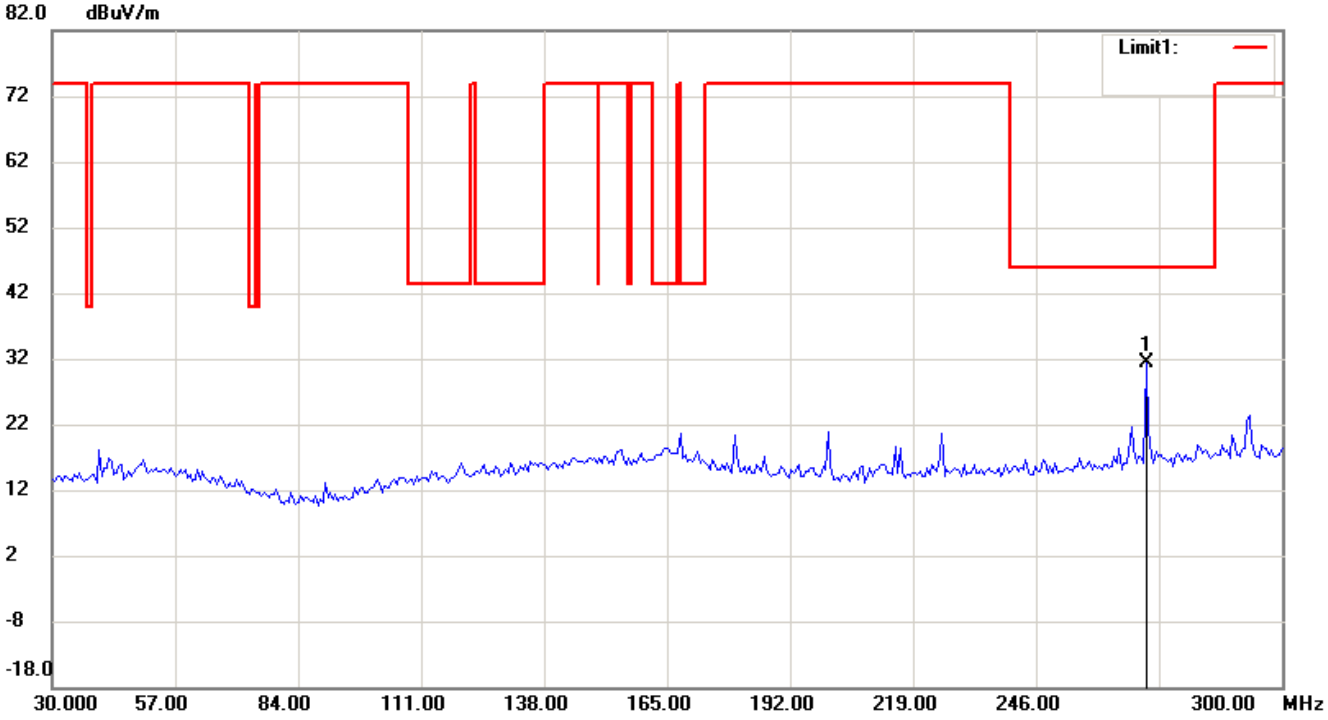
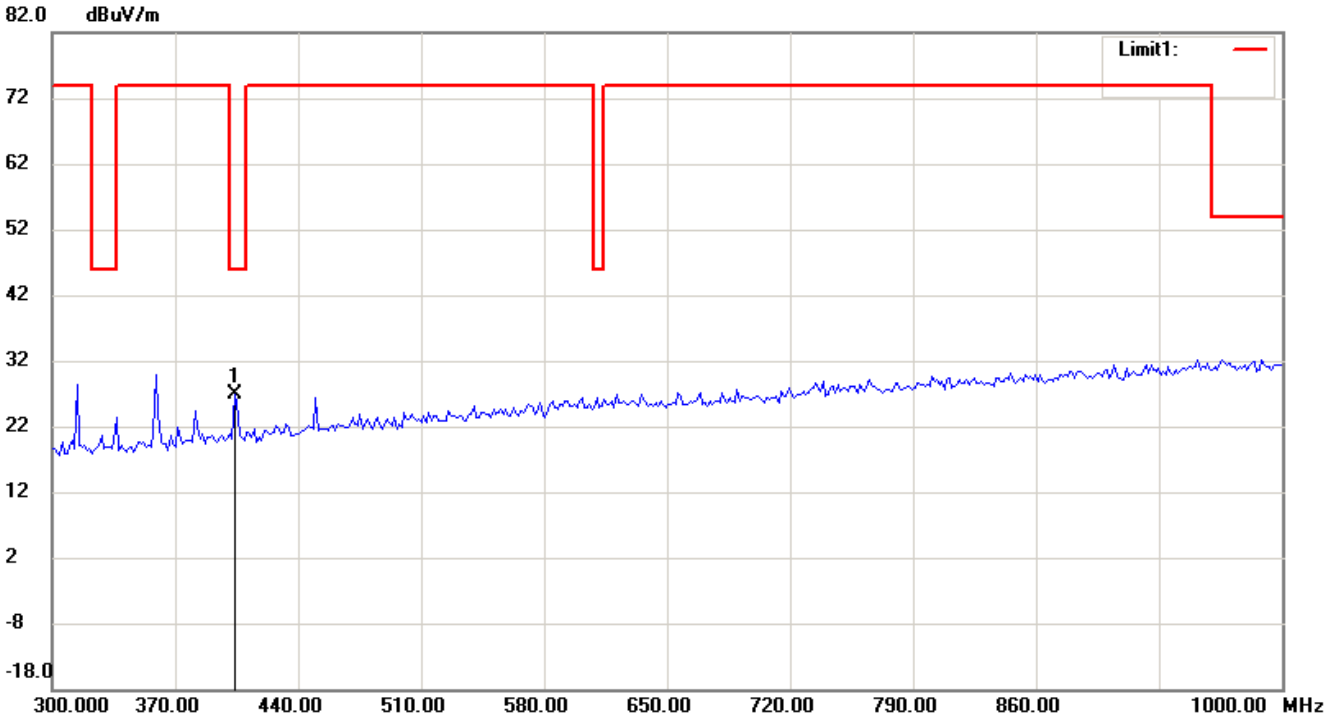
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11n(20MHz) 2412MHz
Antenna Polarization H





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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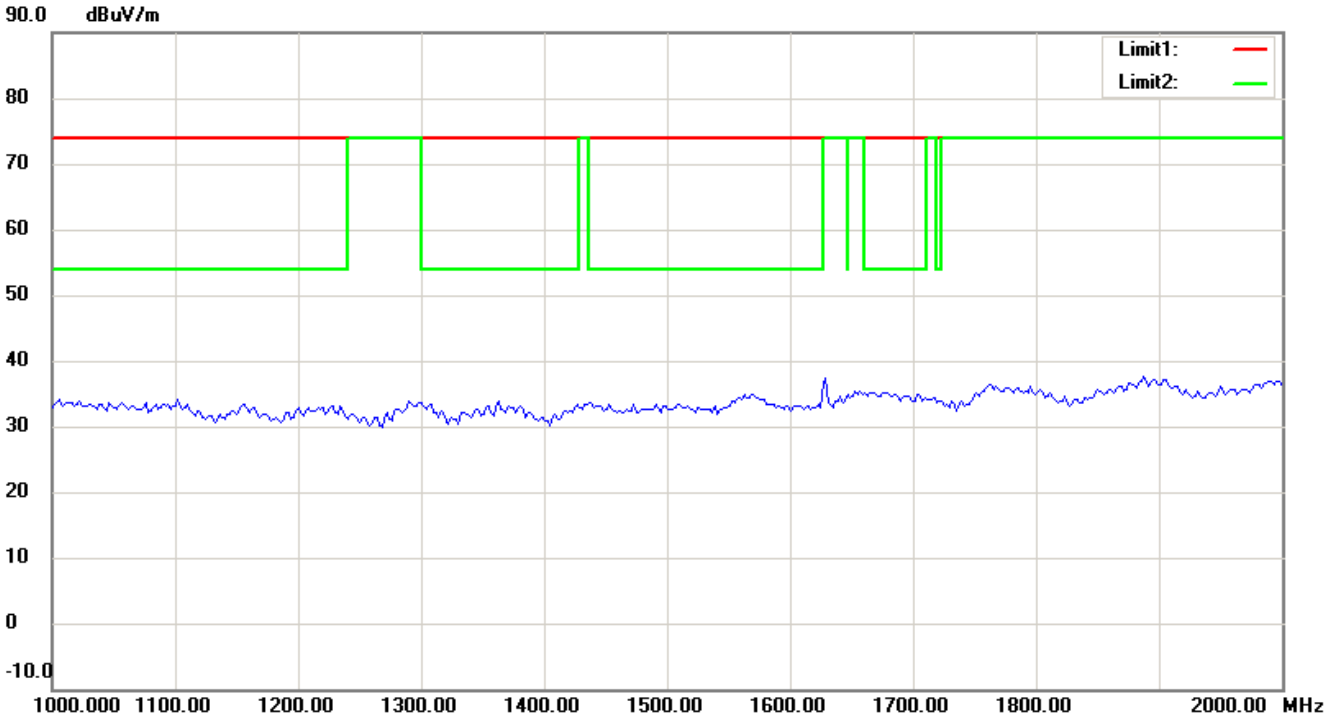
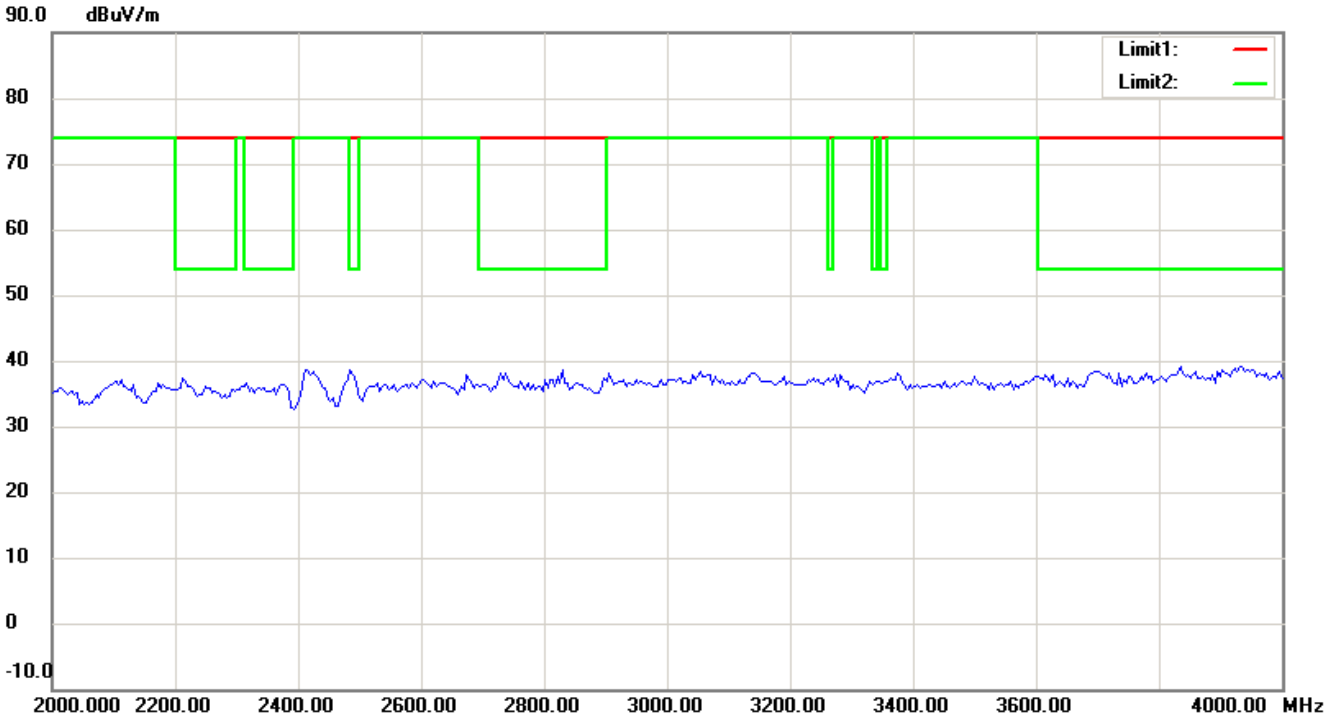
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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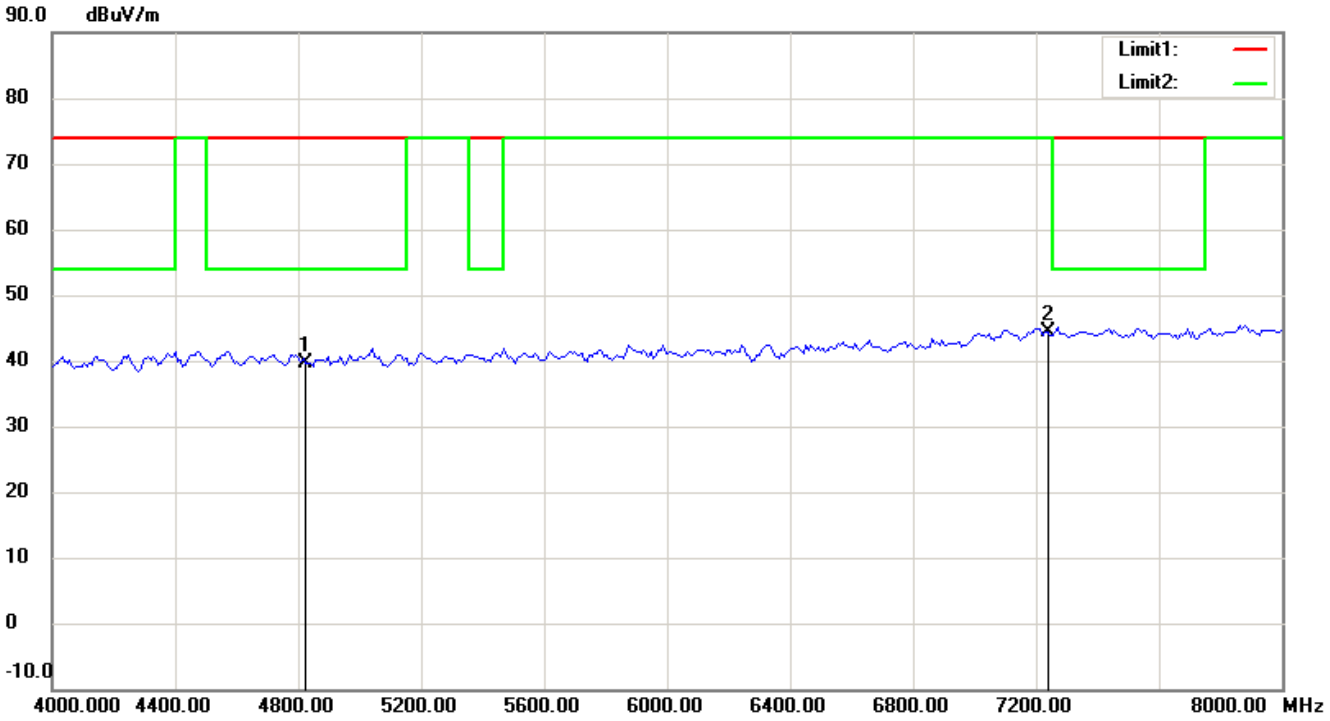
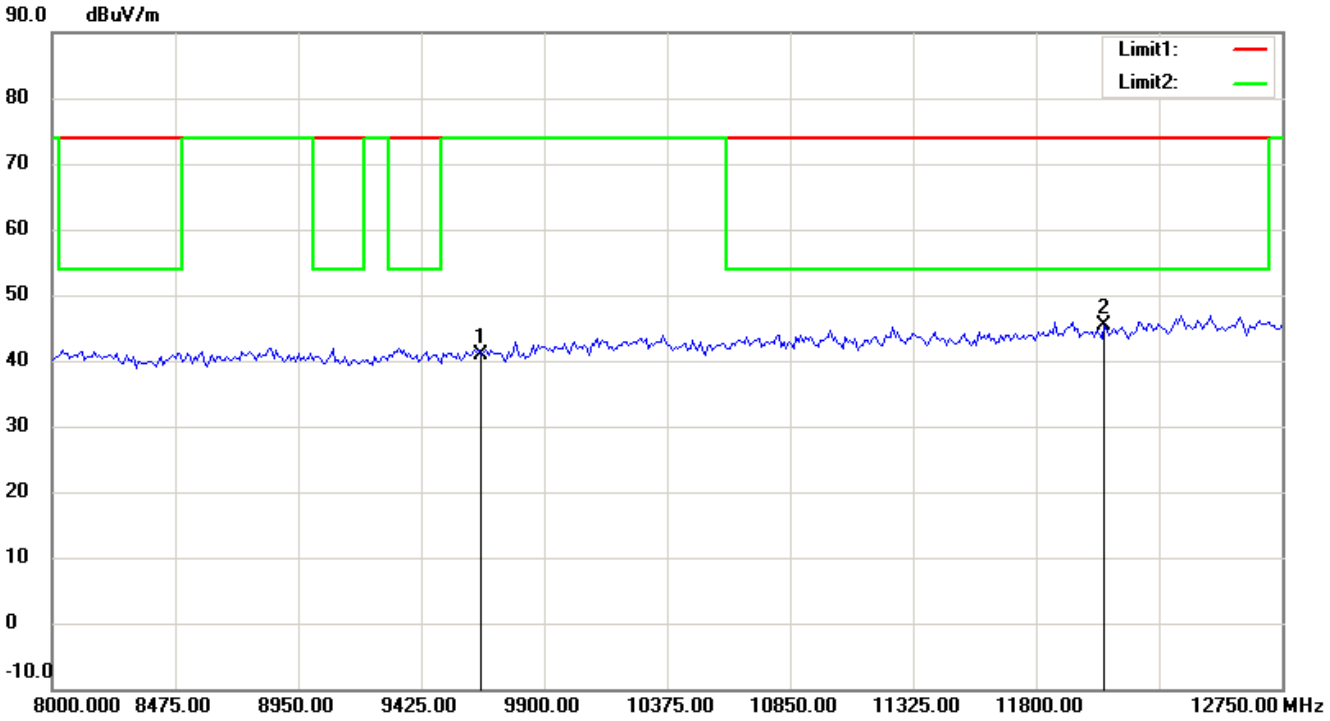
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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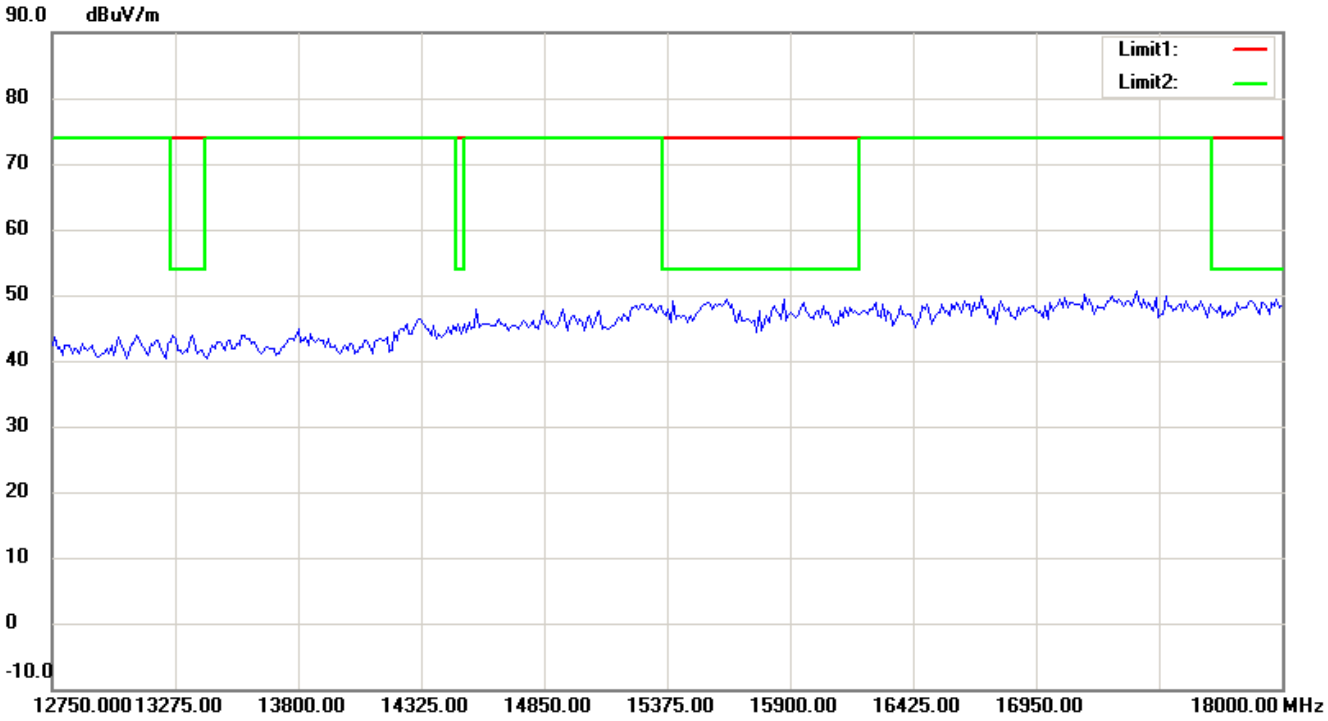
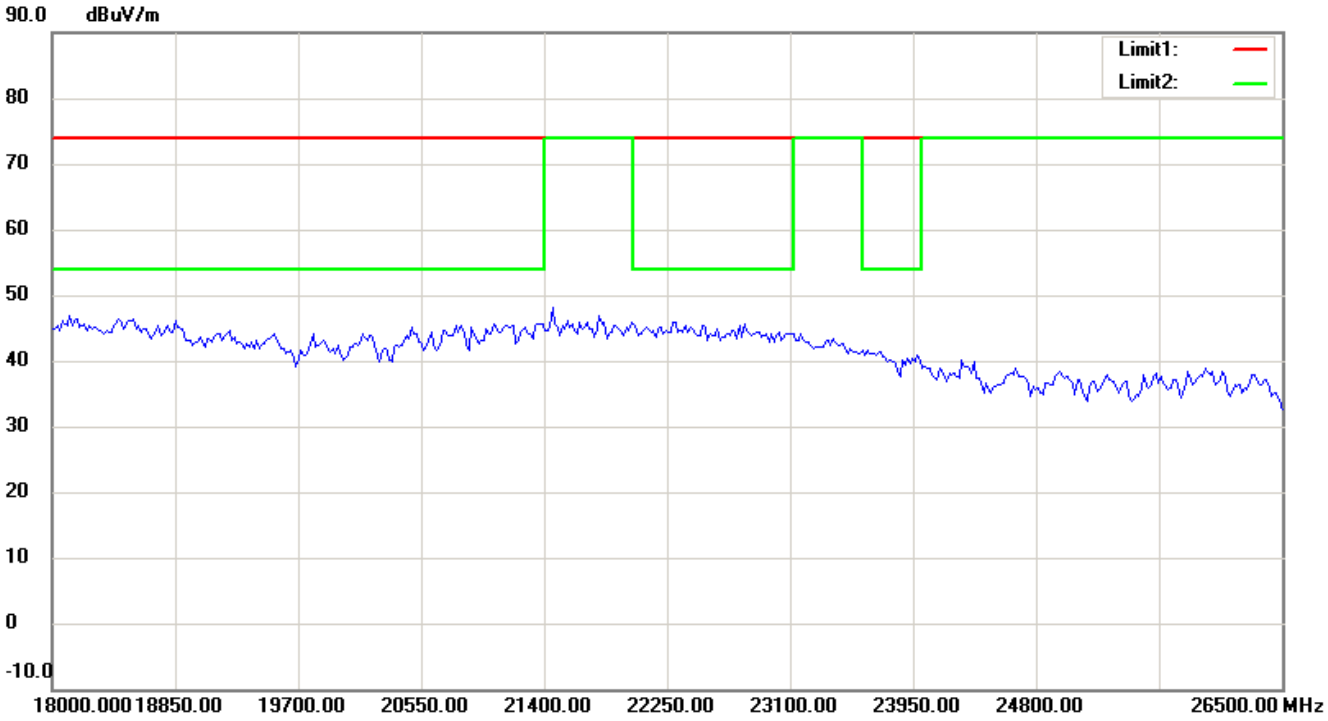
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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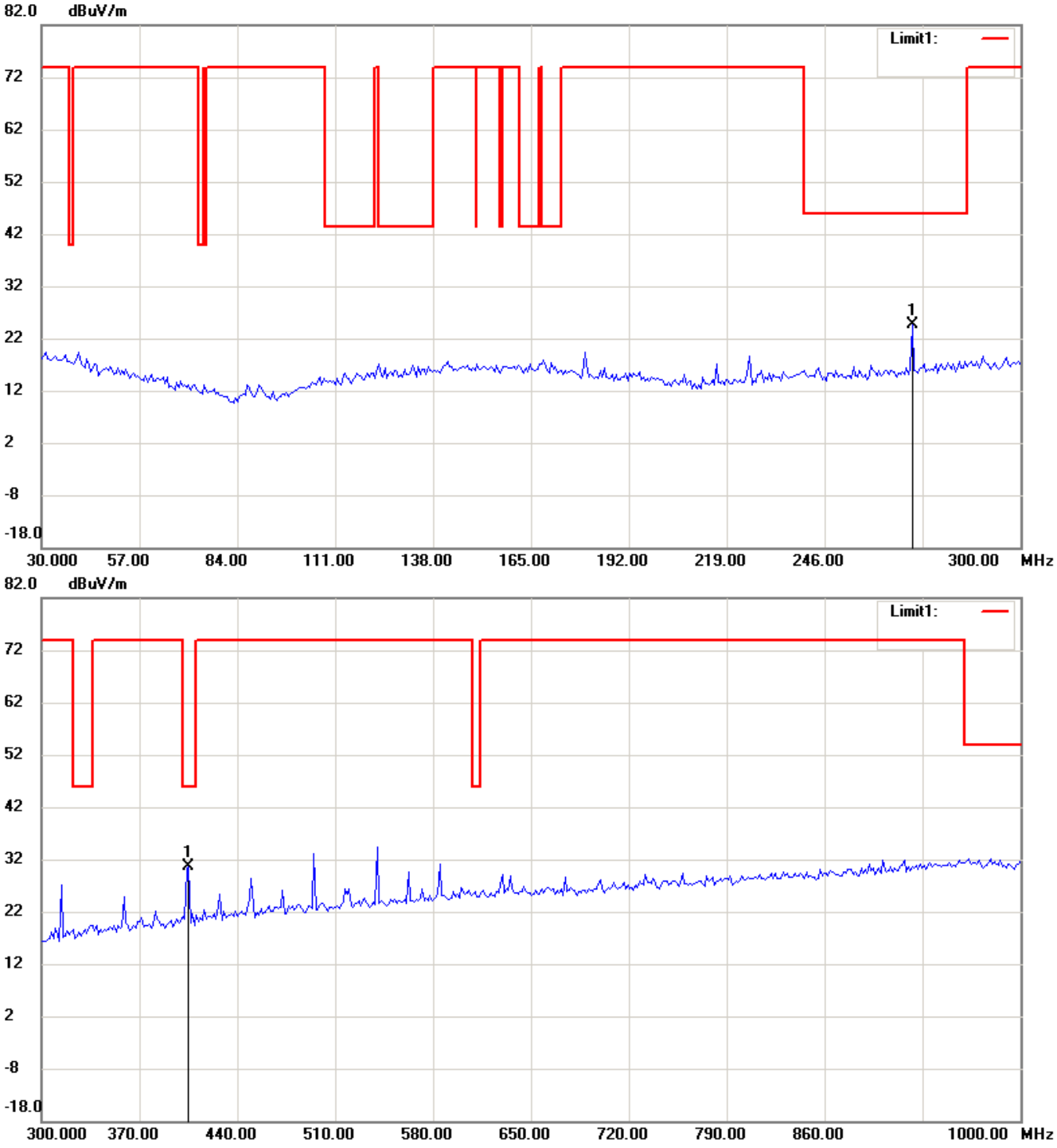
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

1. **The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.**
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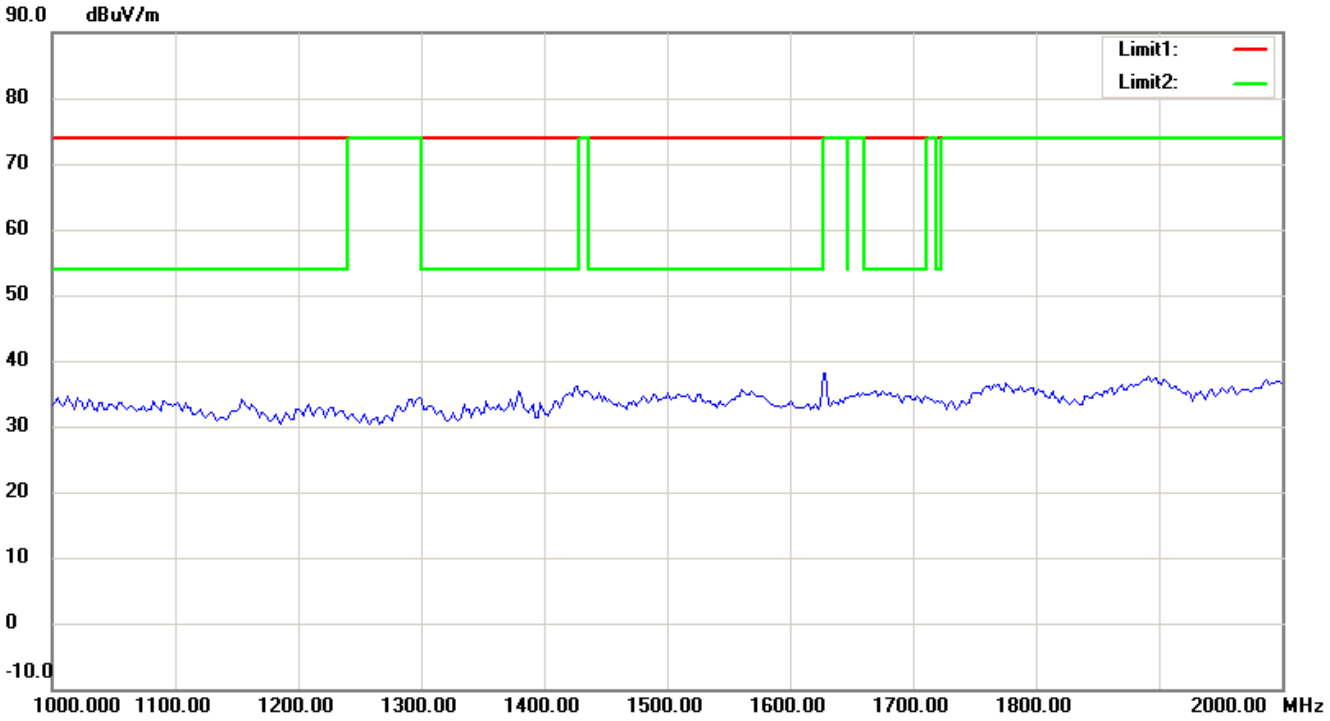
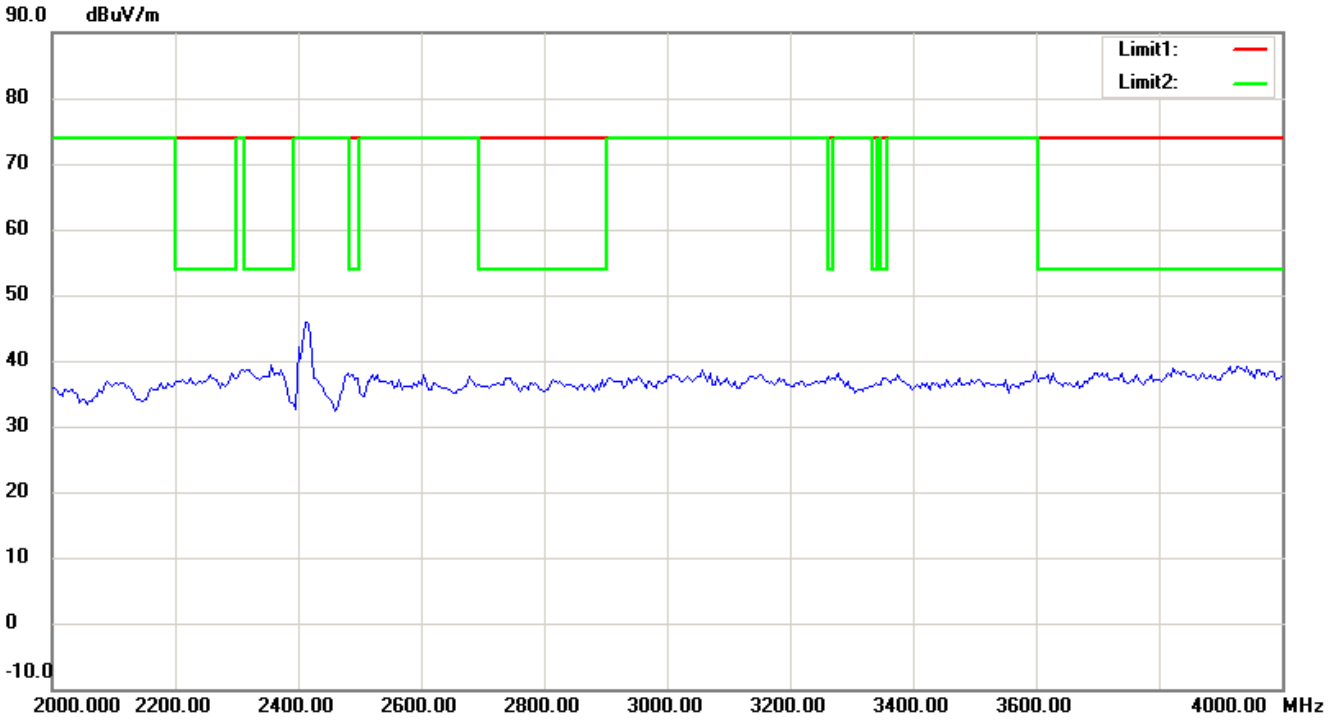
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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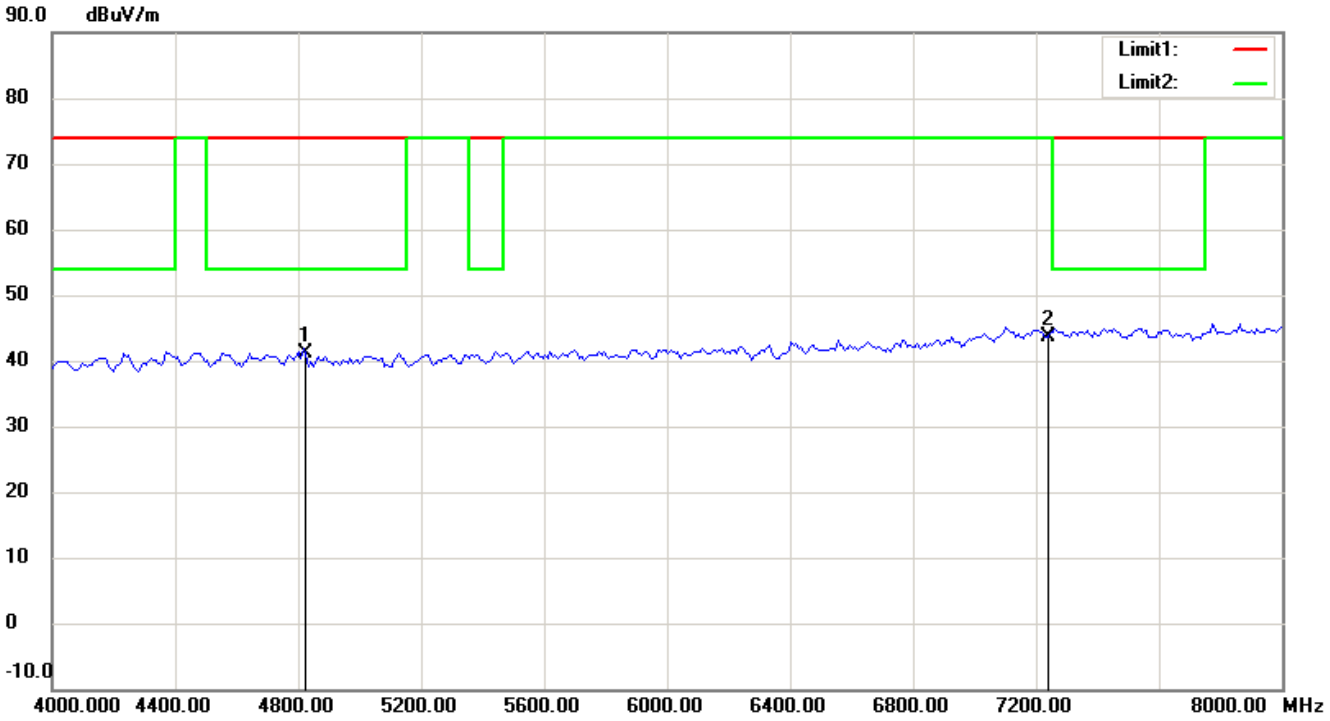
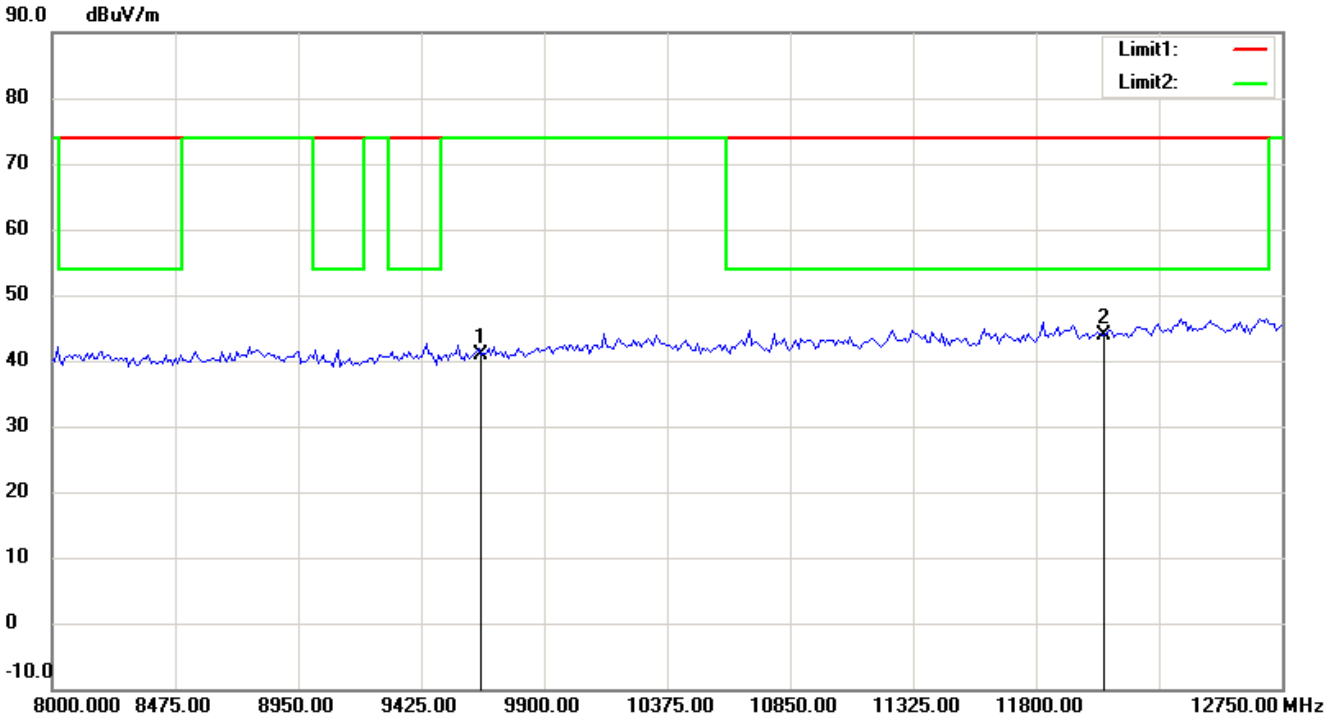
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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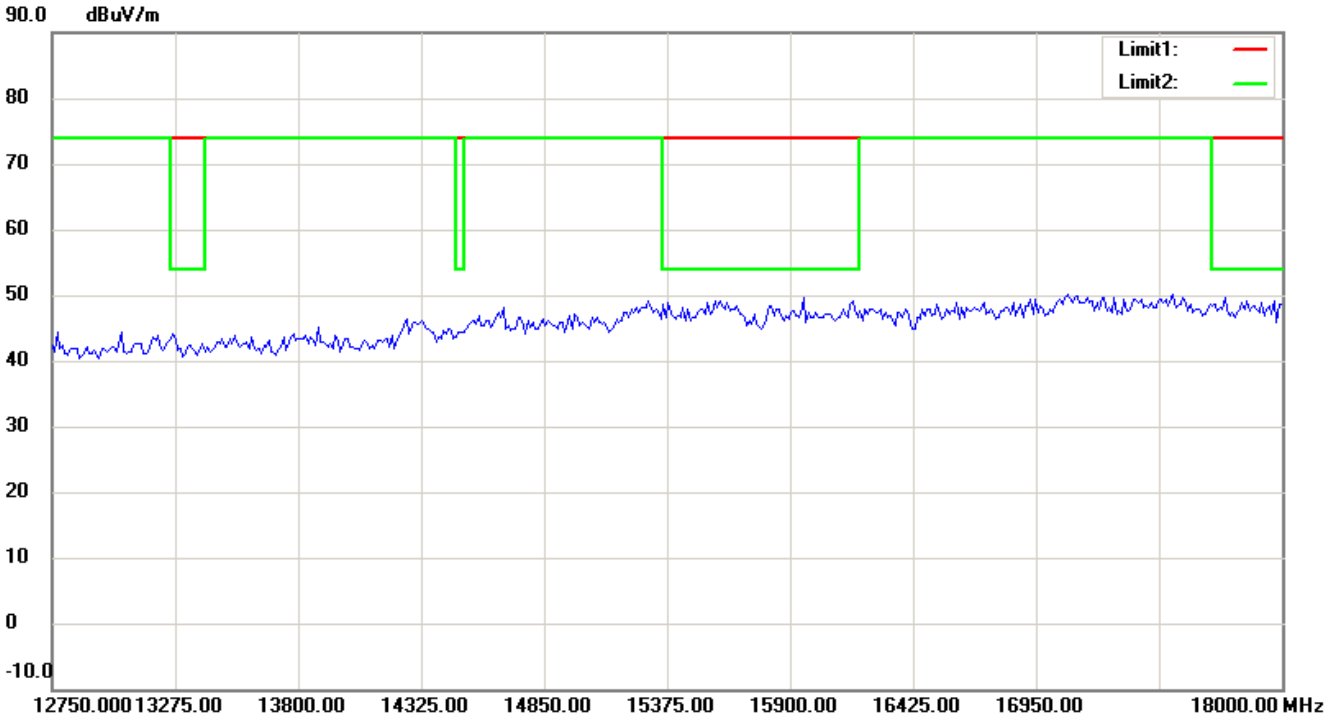
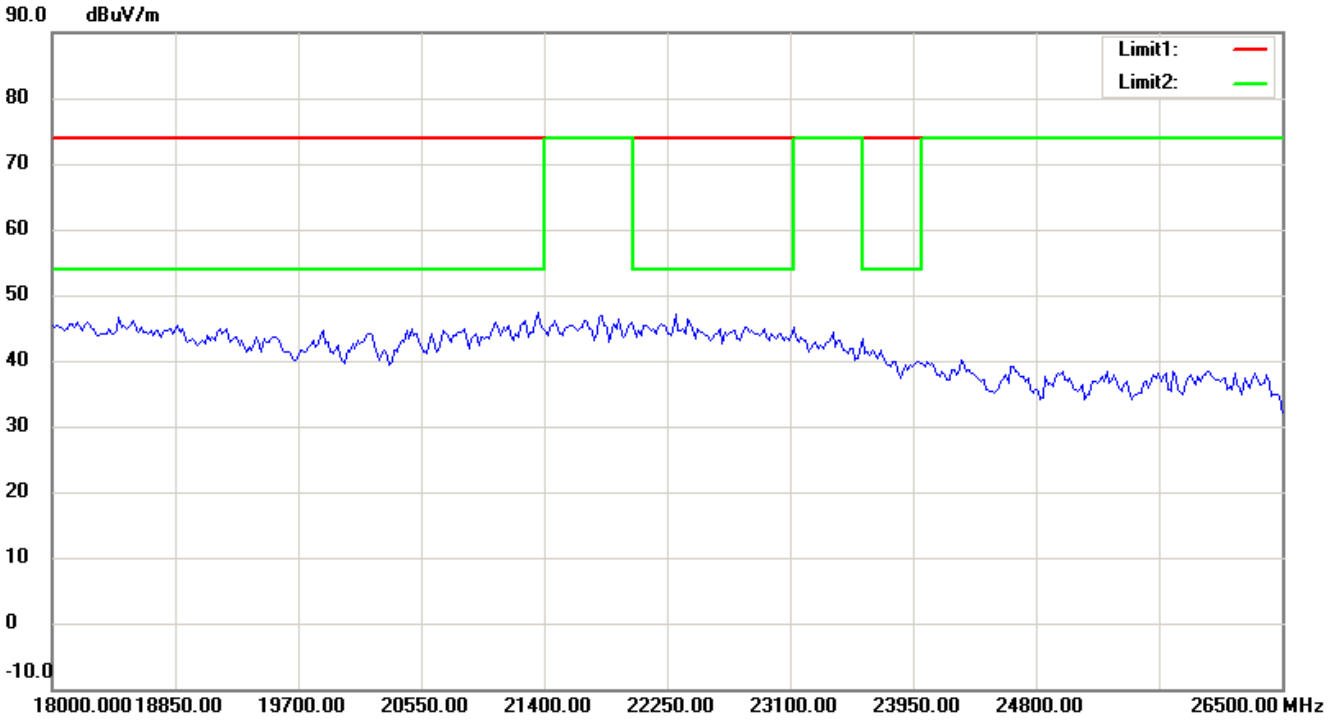
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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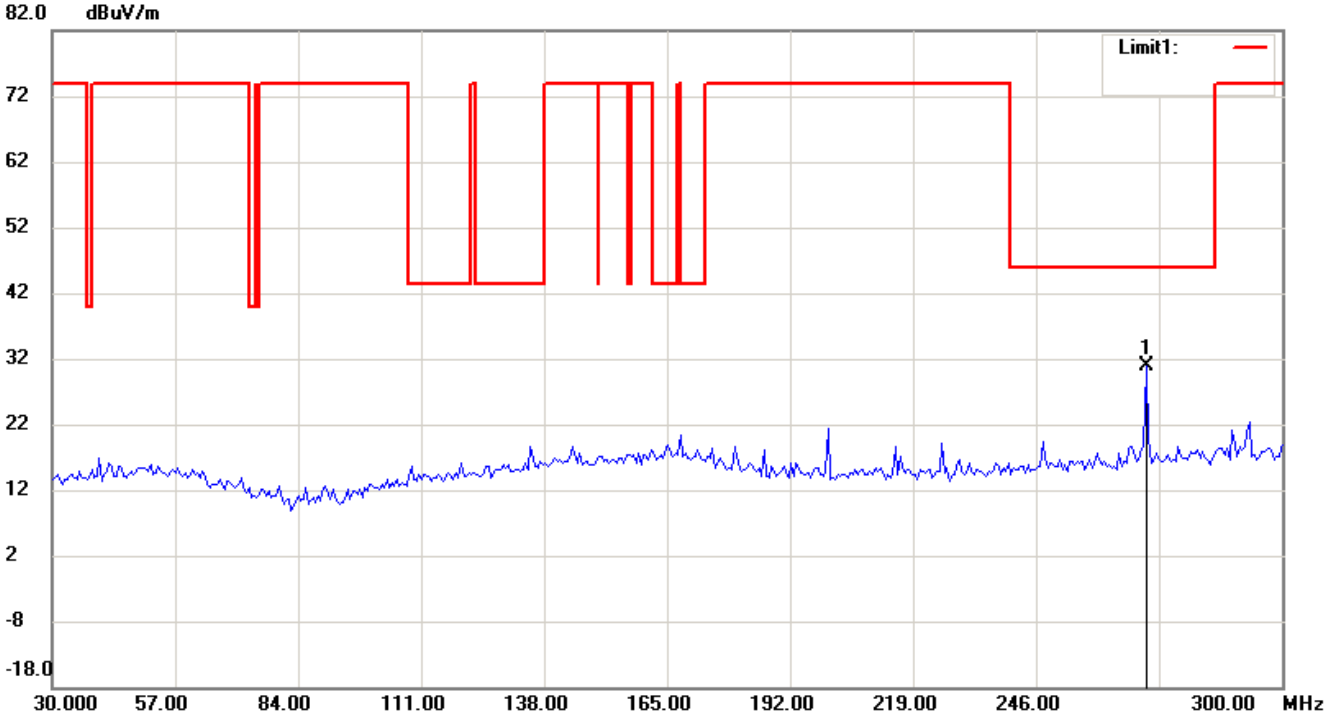
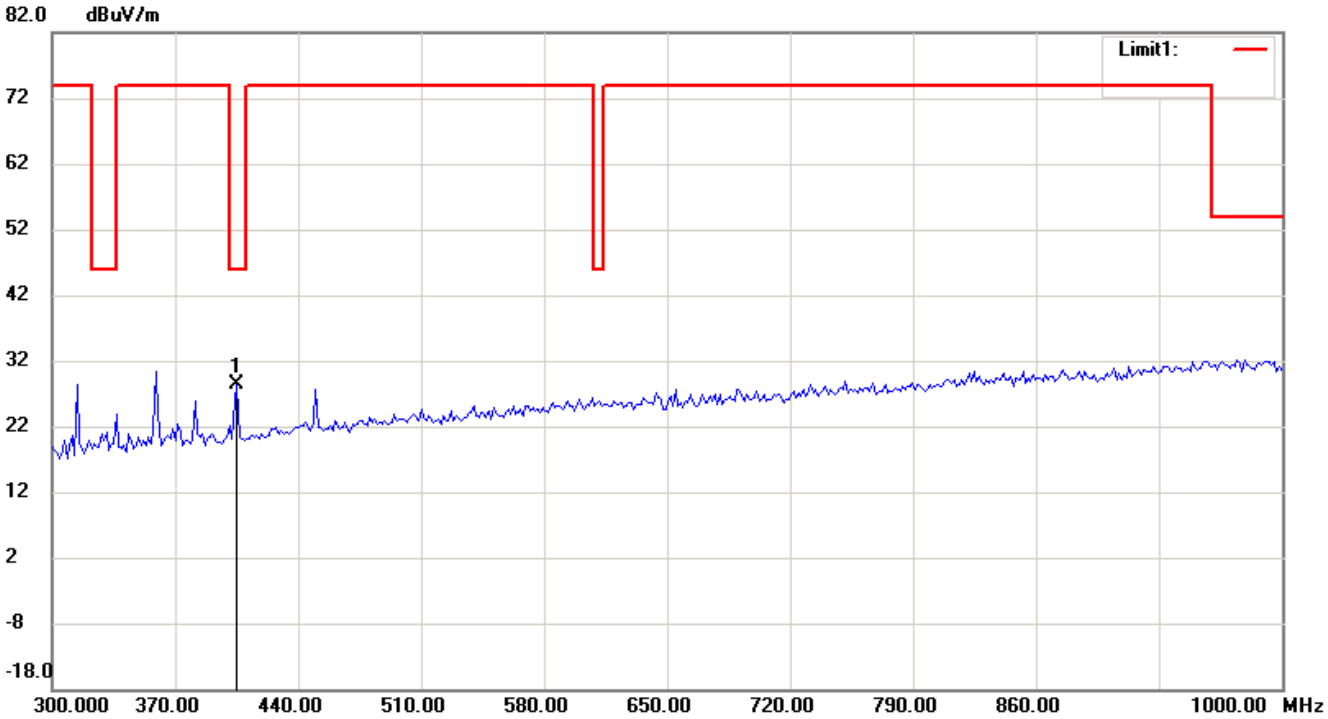
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11n(20MHz) 2437MHz
Antenna Polarization H





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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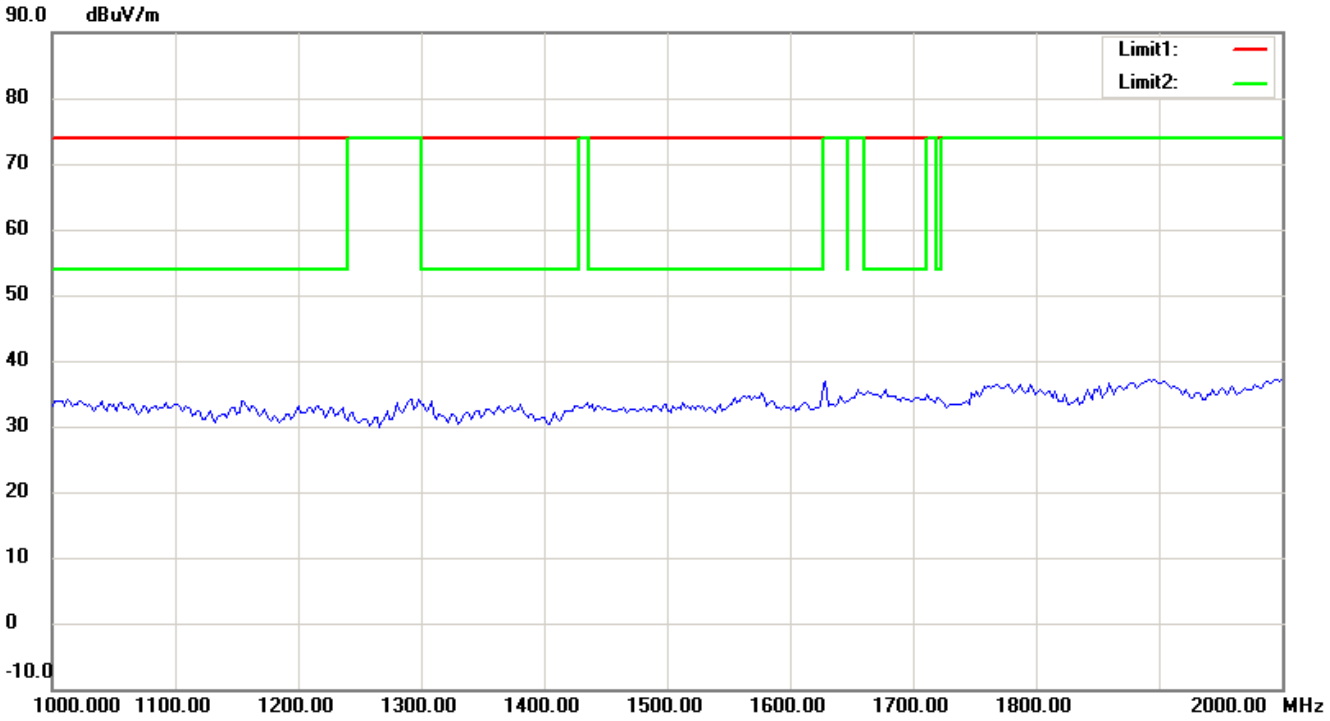
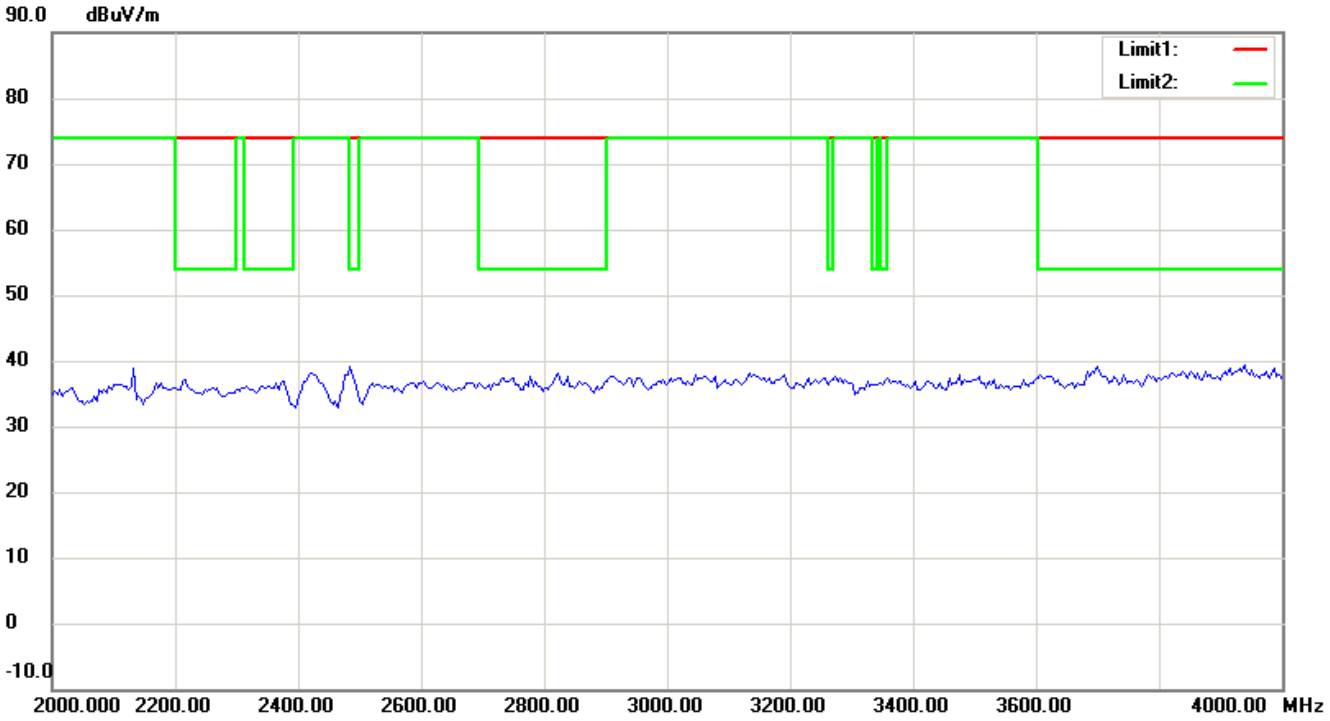
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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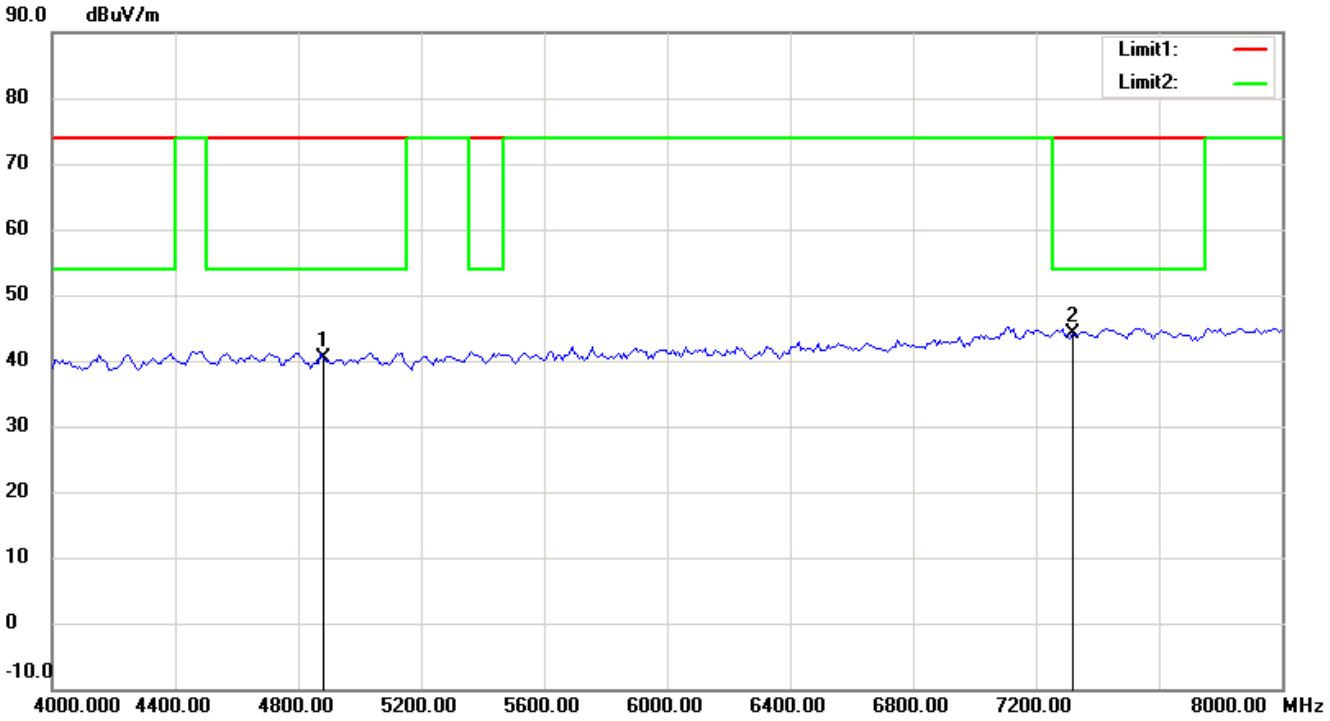
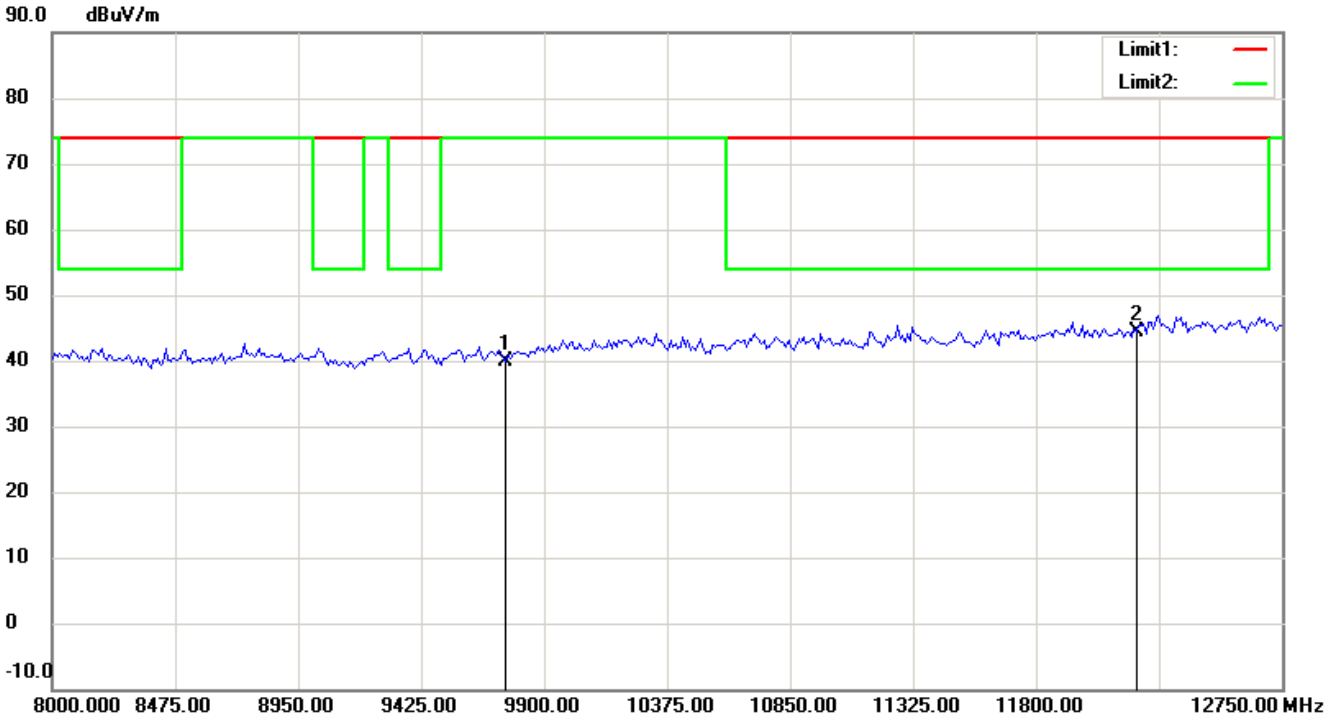
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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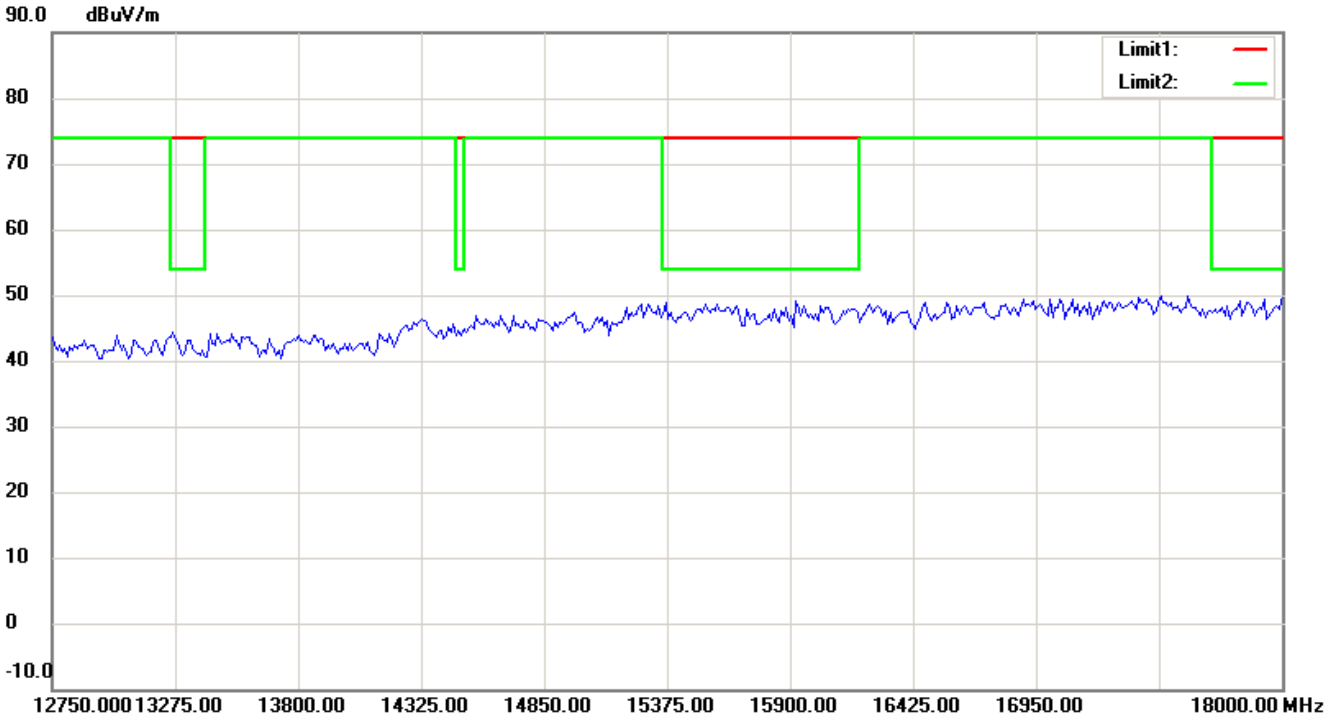
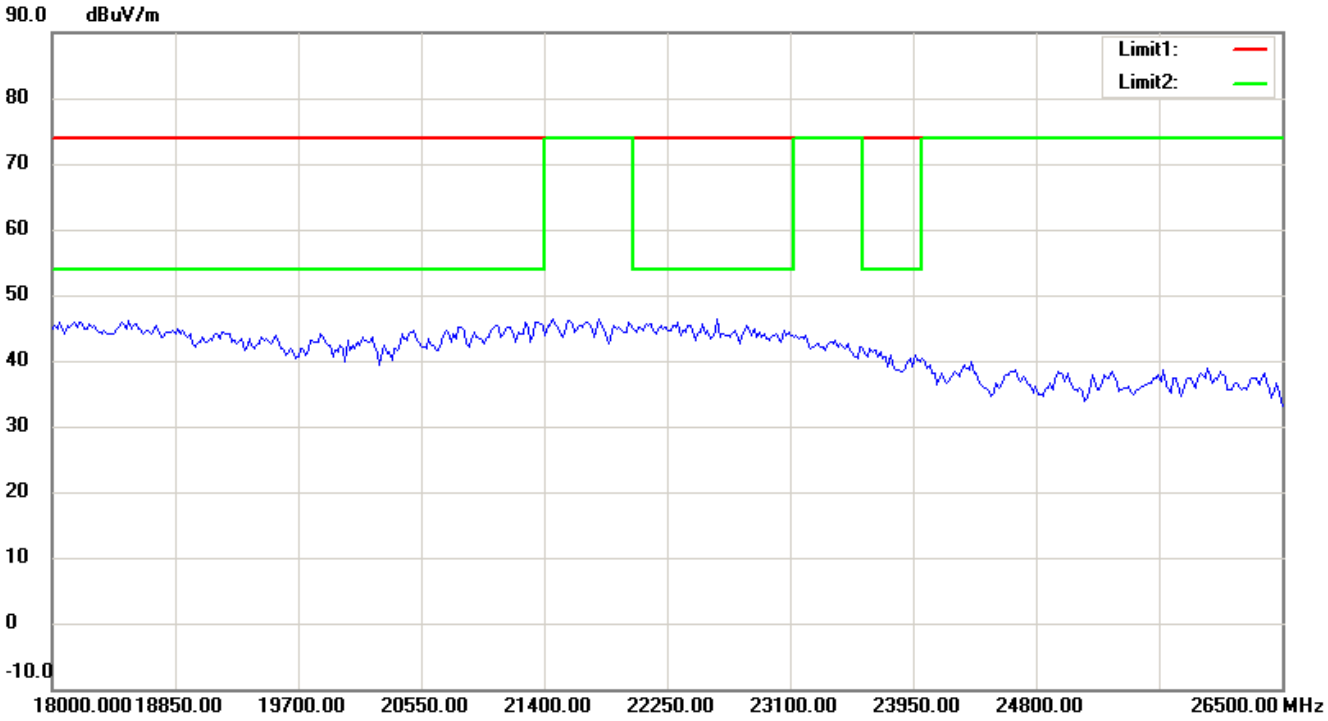
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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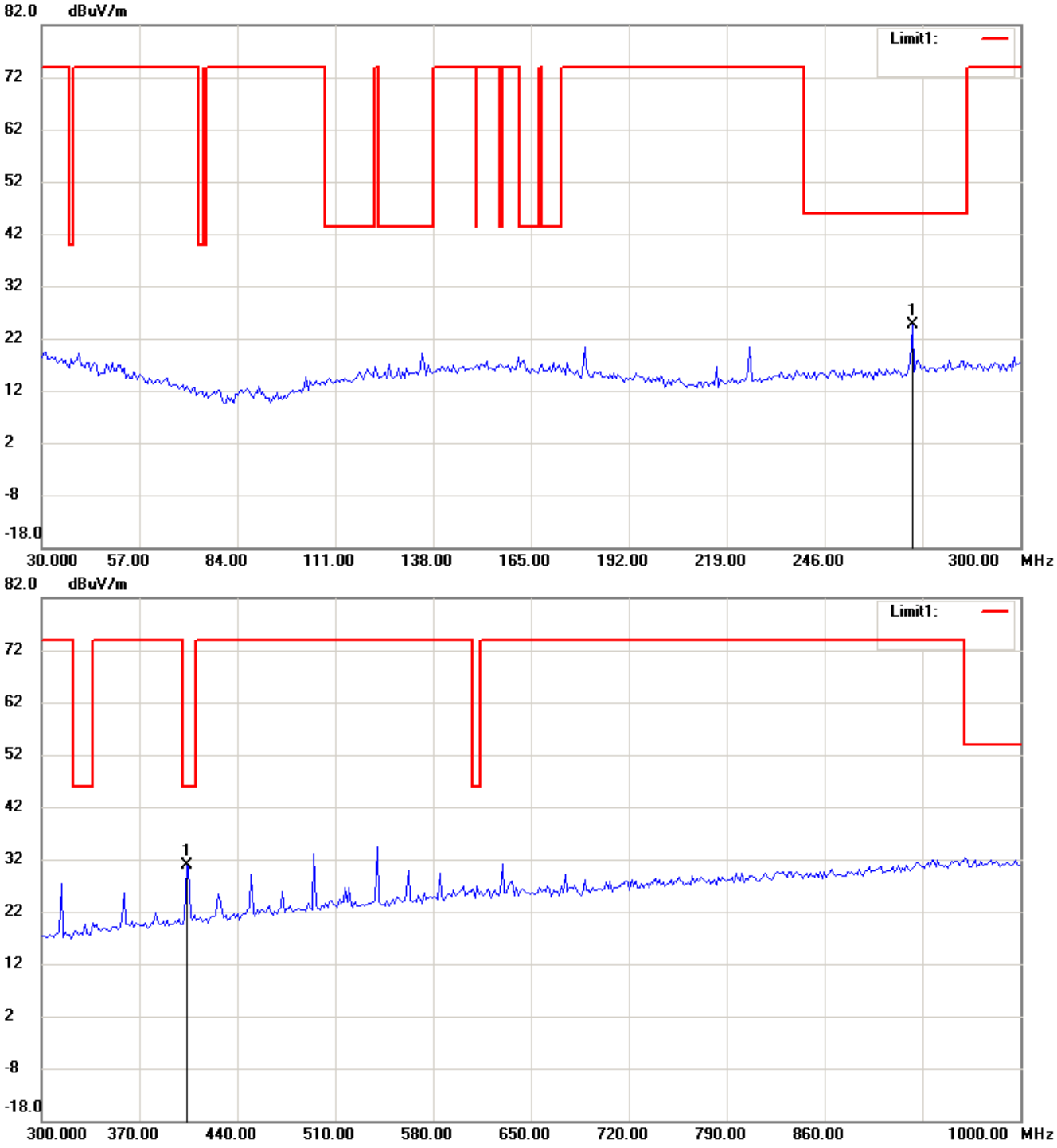
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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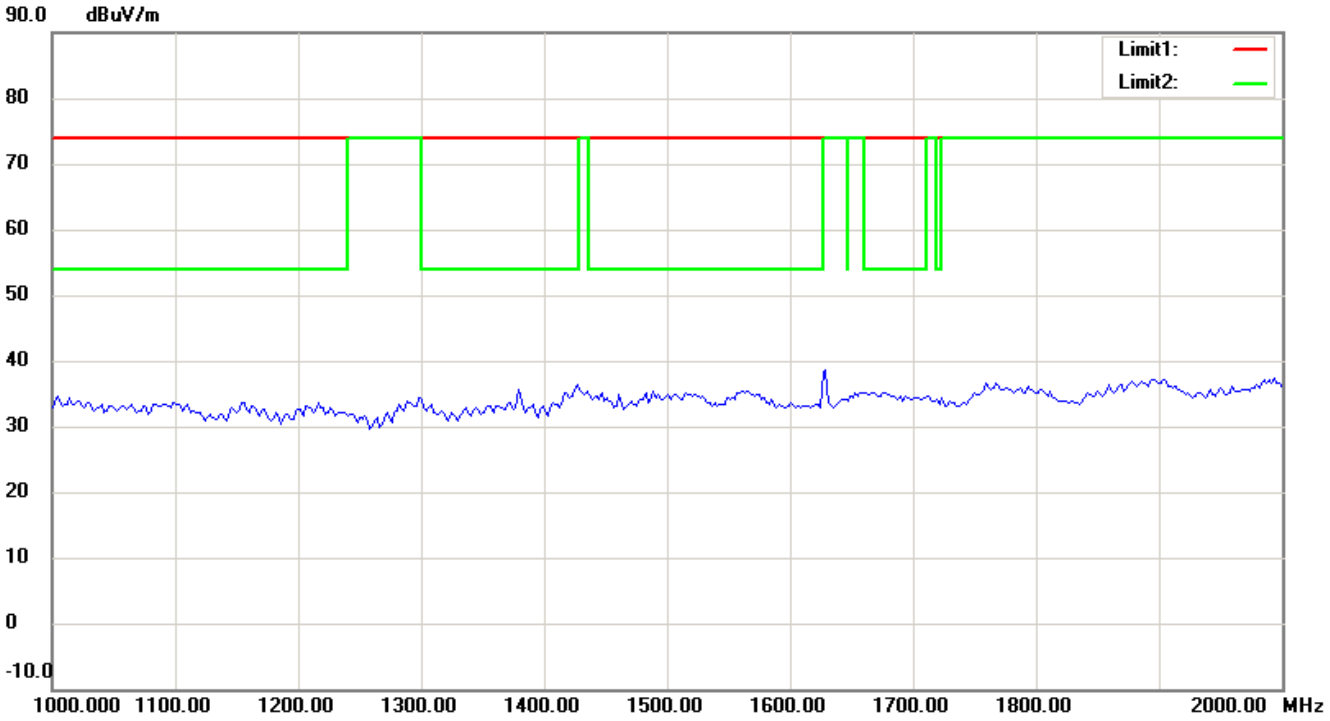
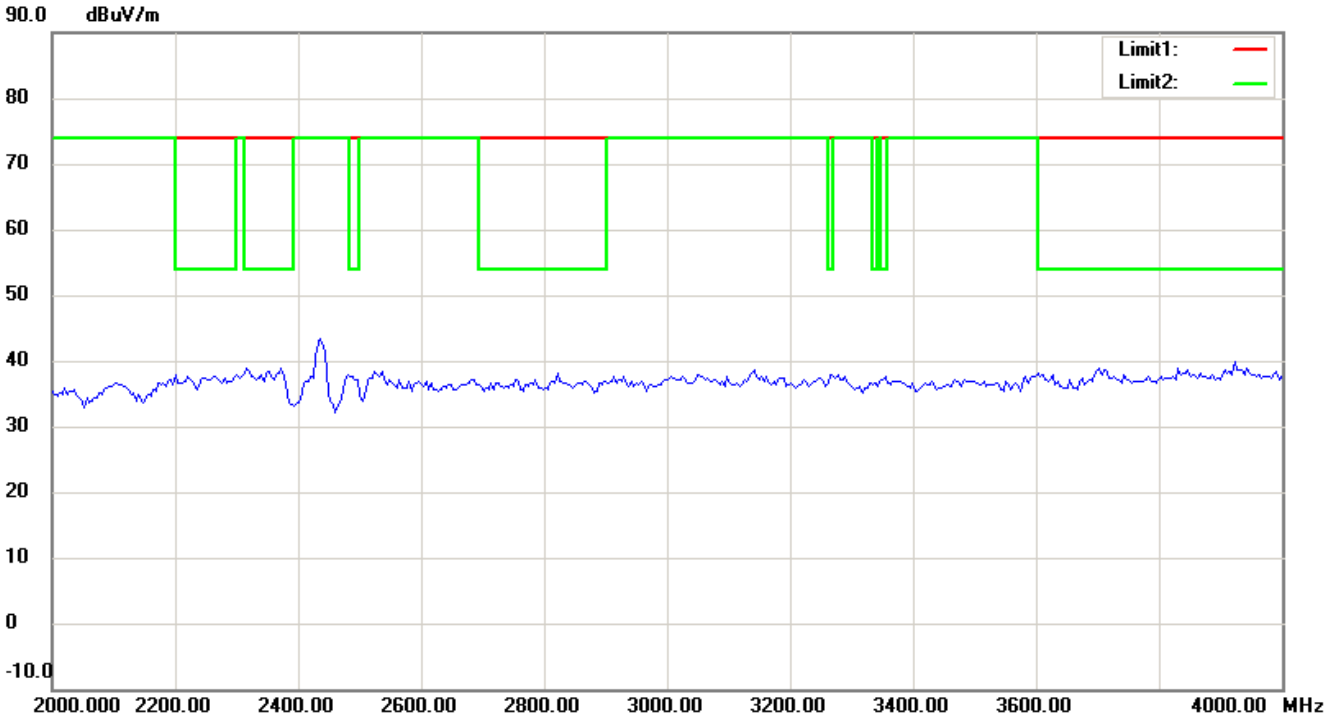
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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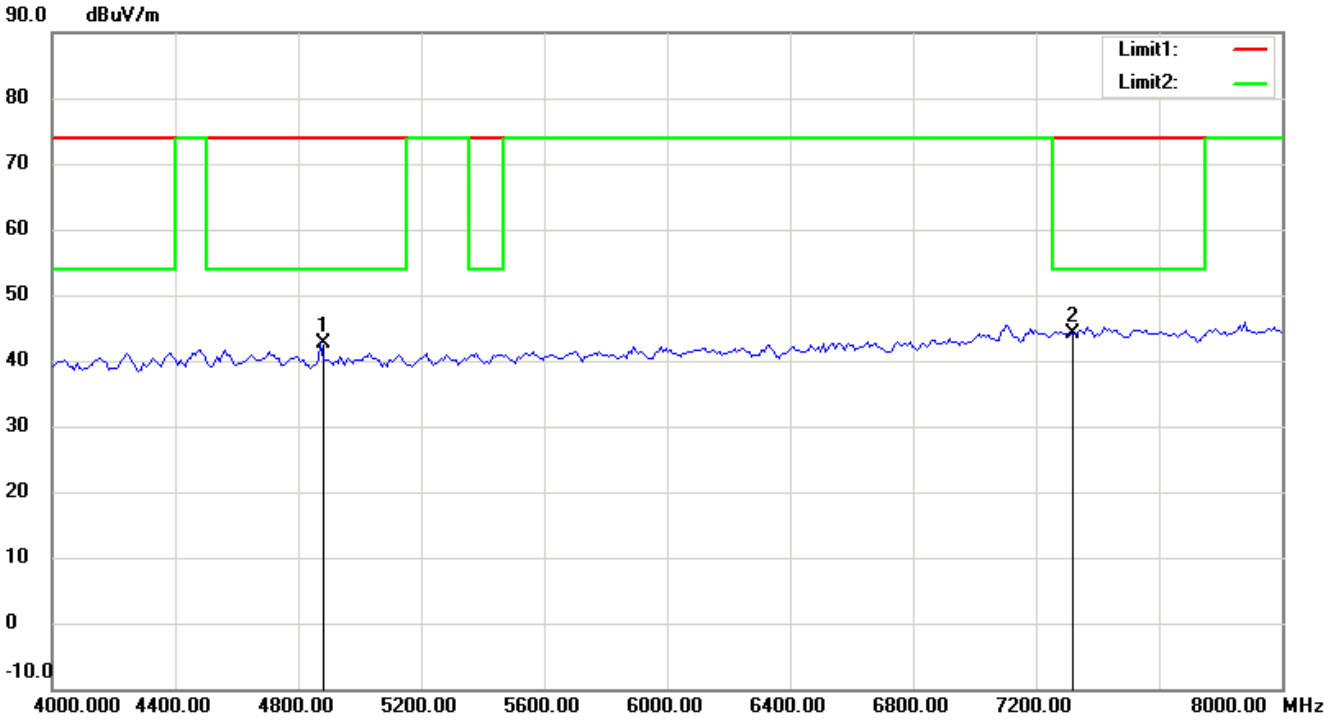
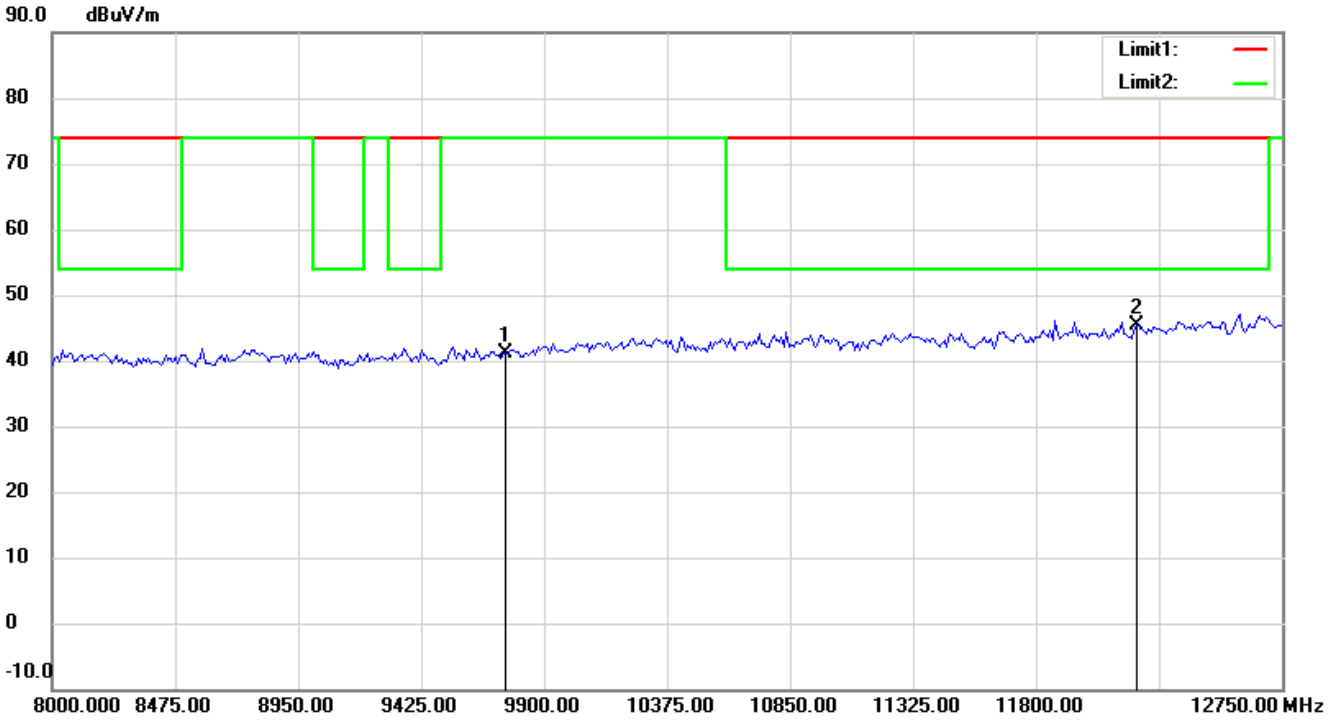
FCC ID: IR5DT6





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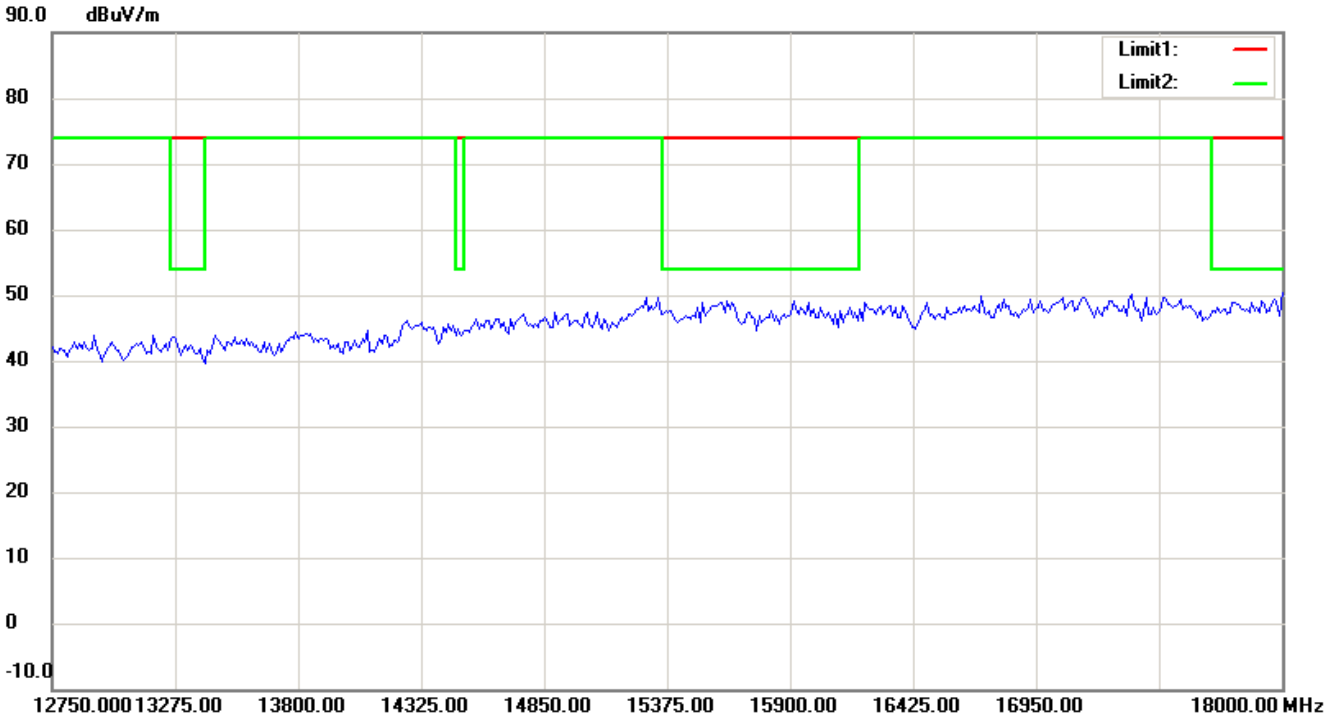

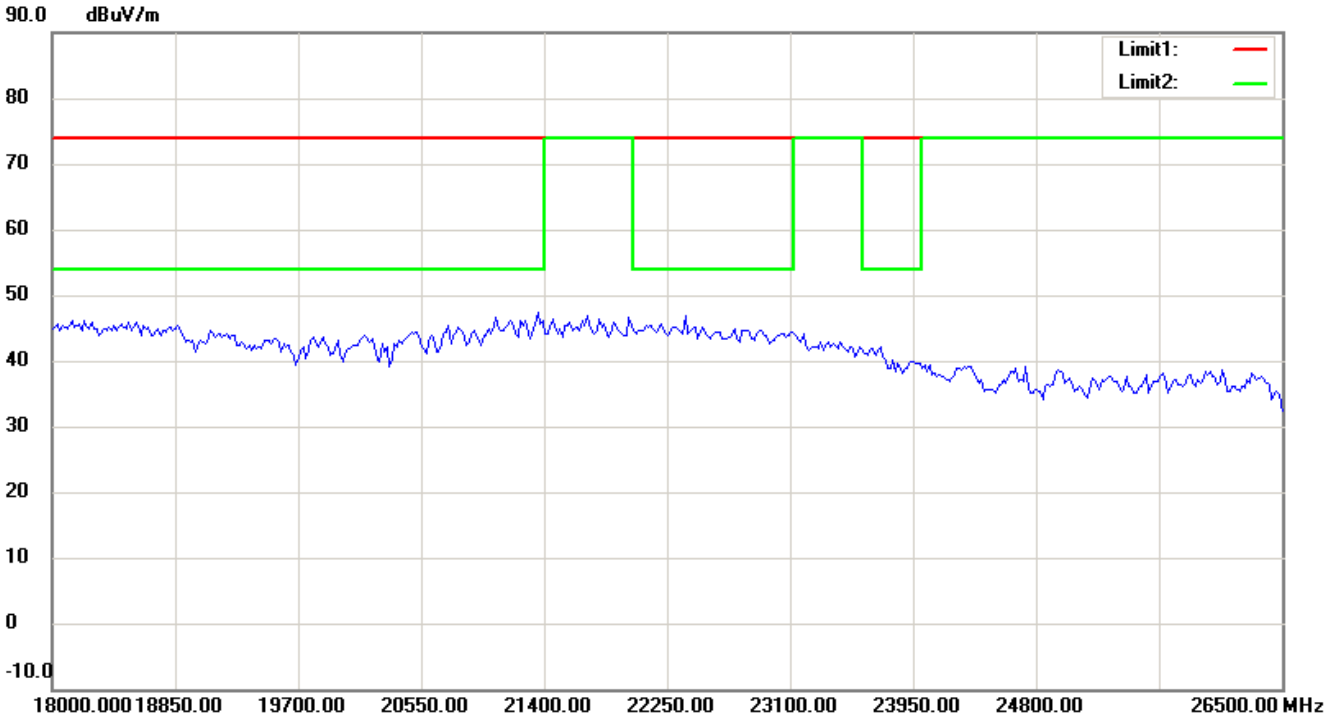

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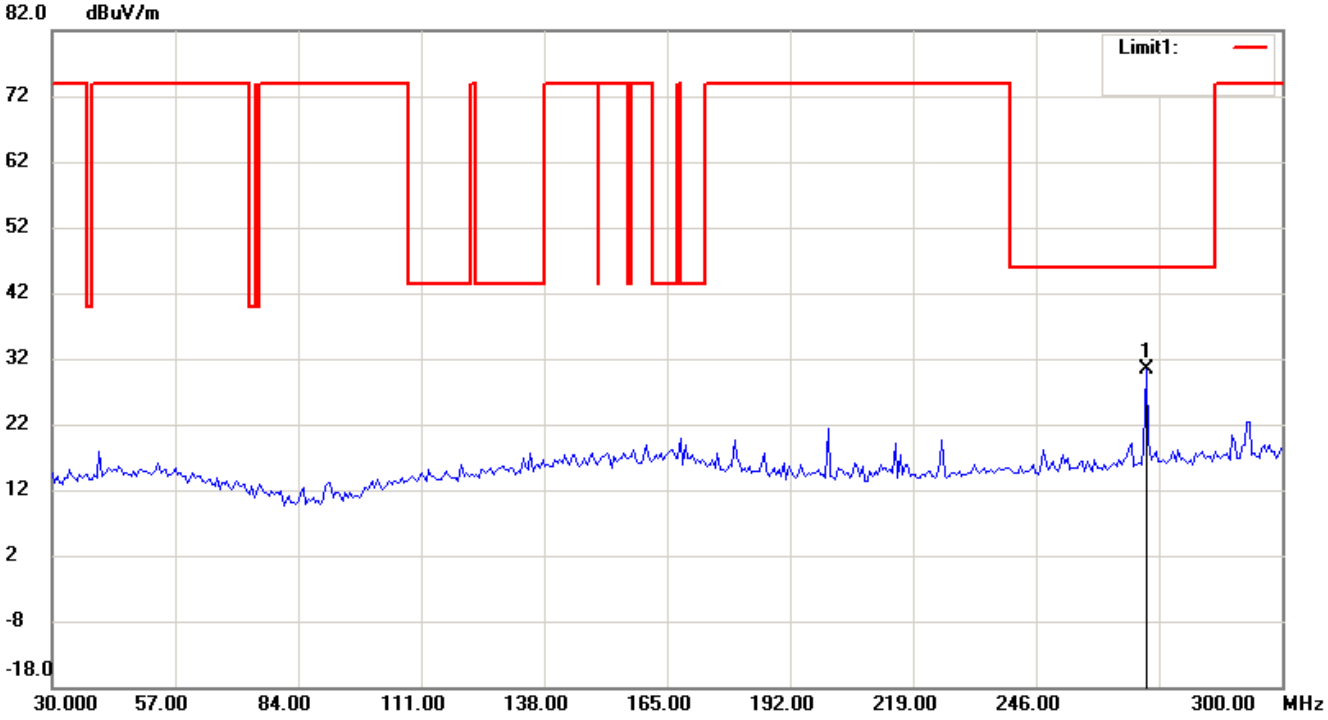
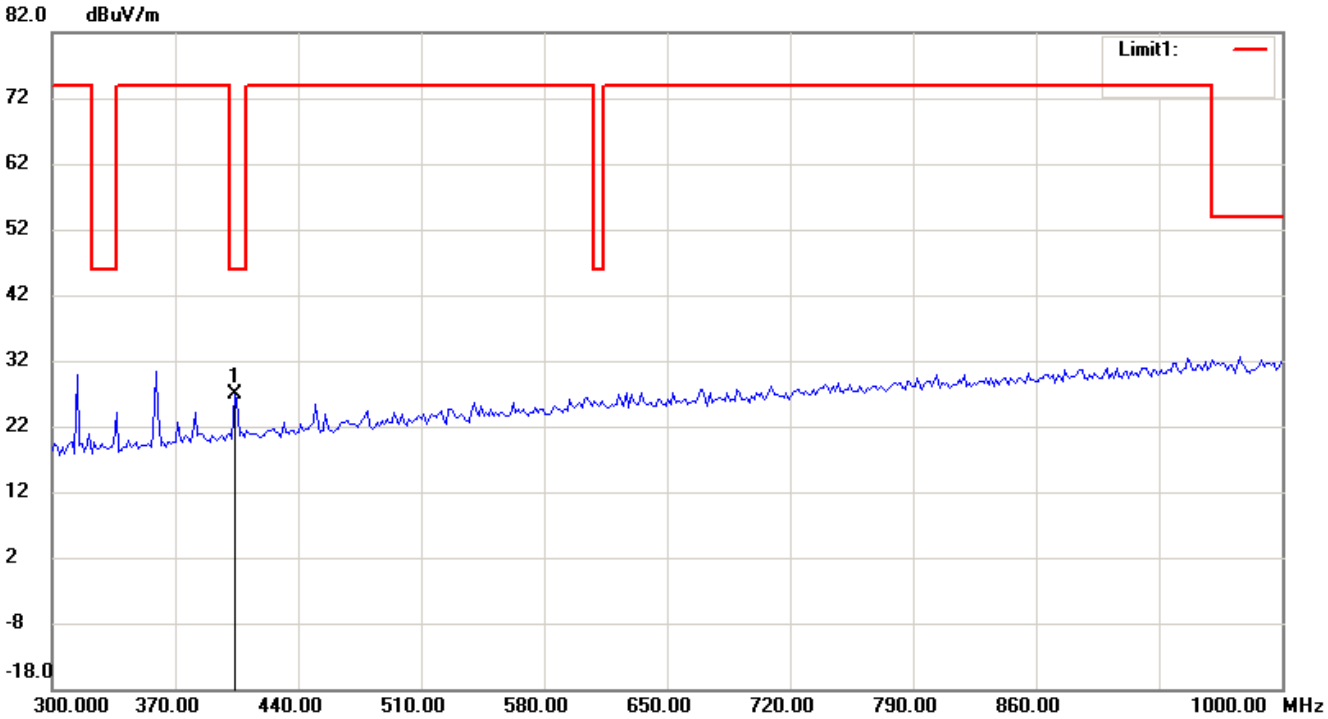
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11n(20MHz) 2462MHz
Antenna Polarization H





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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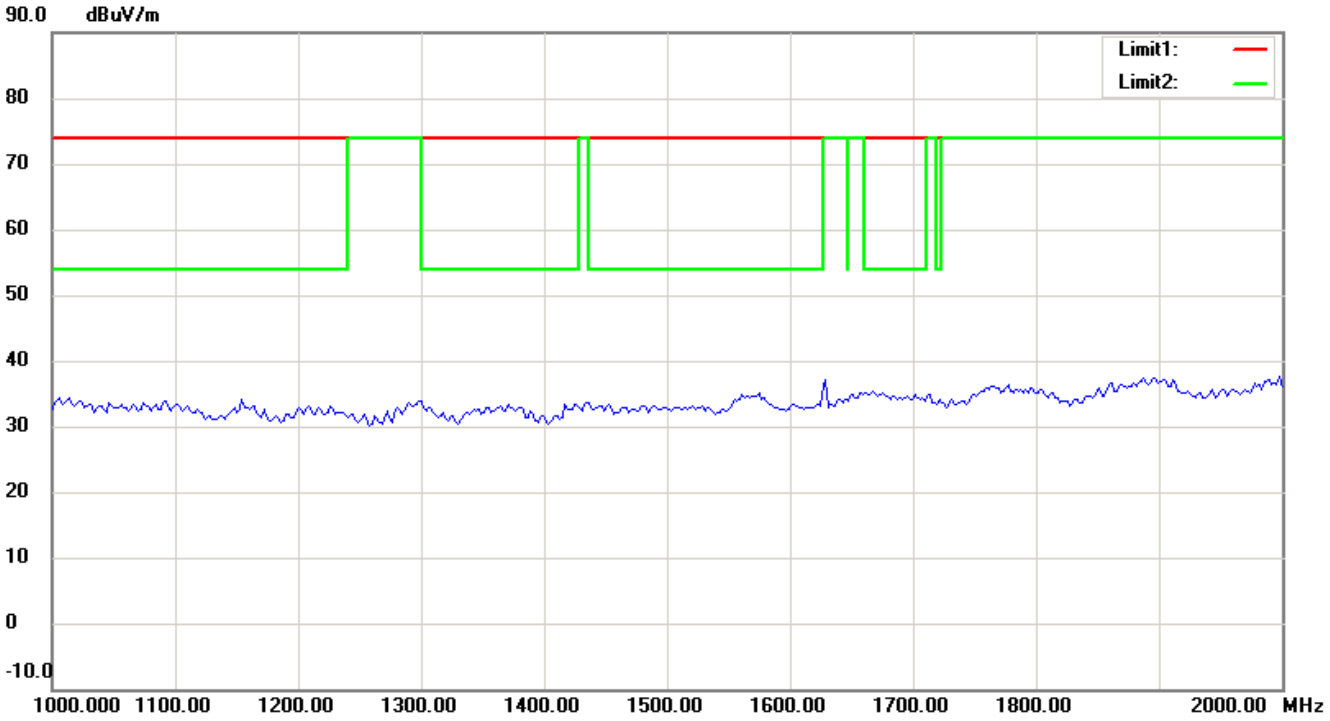
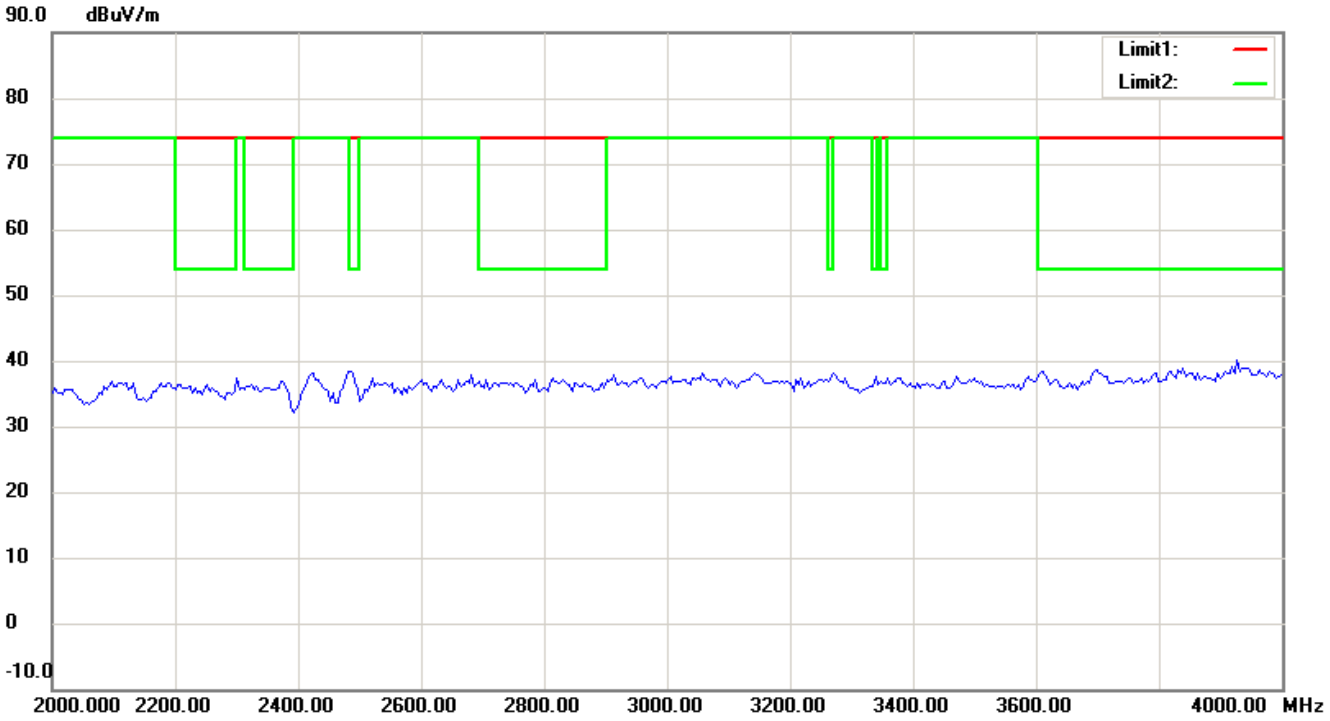
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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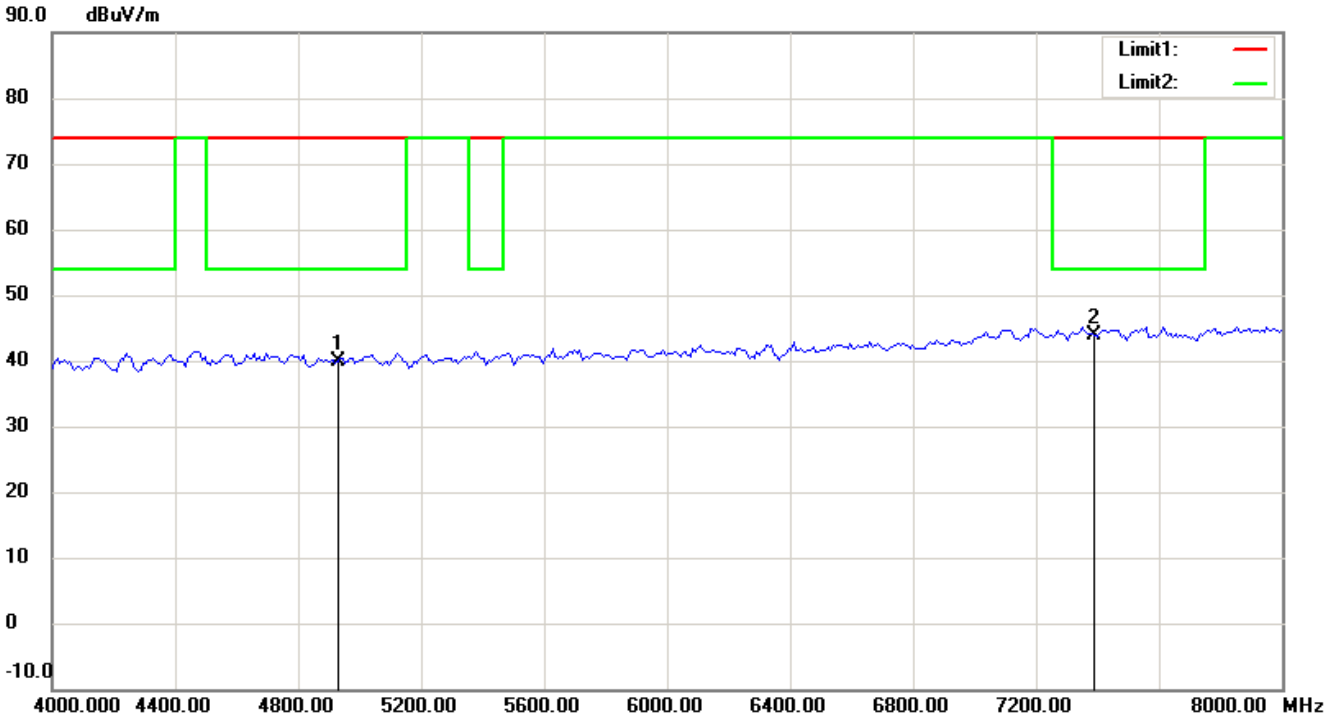
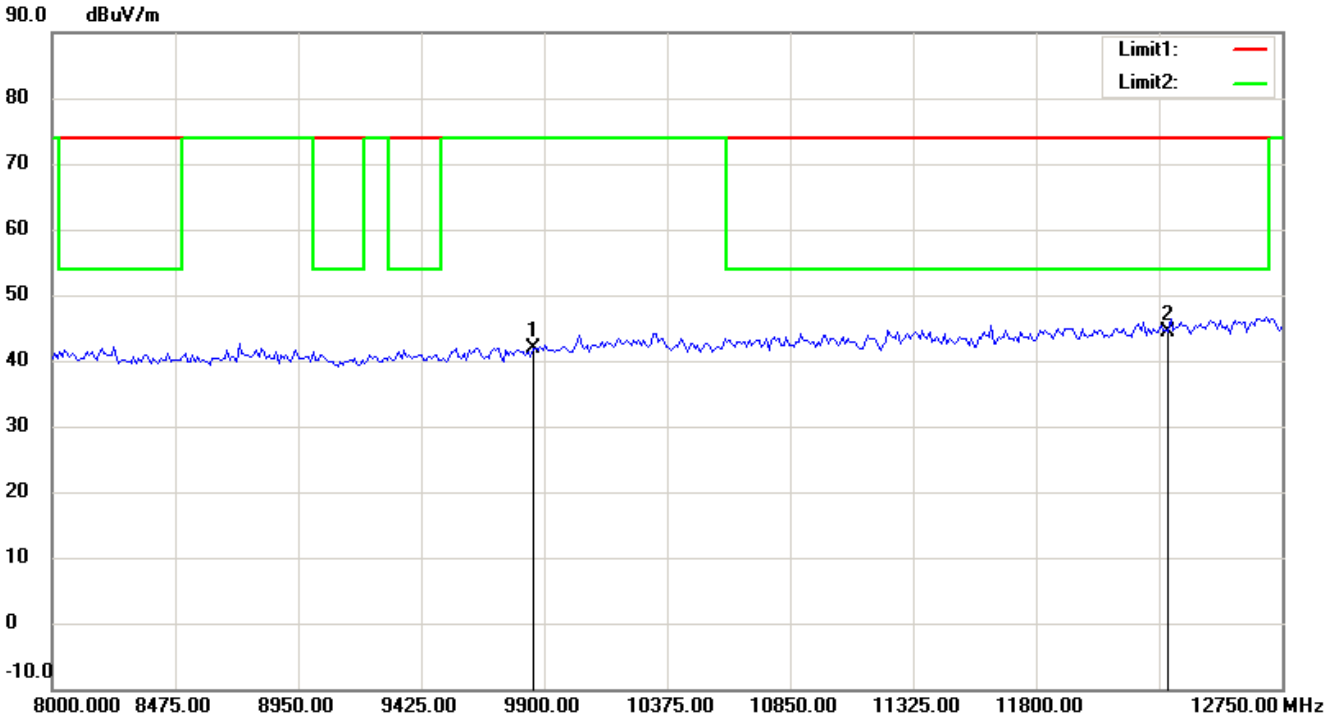
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

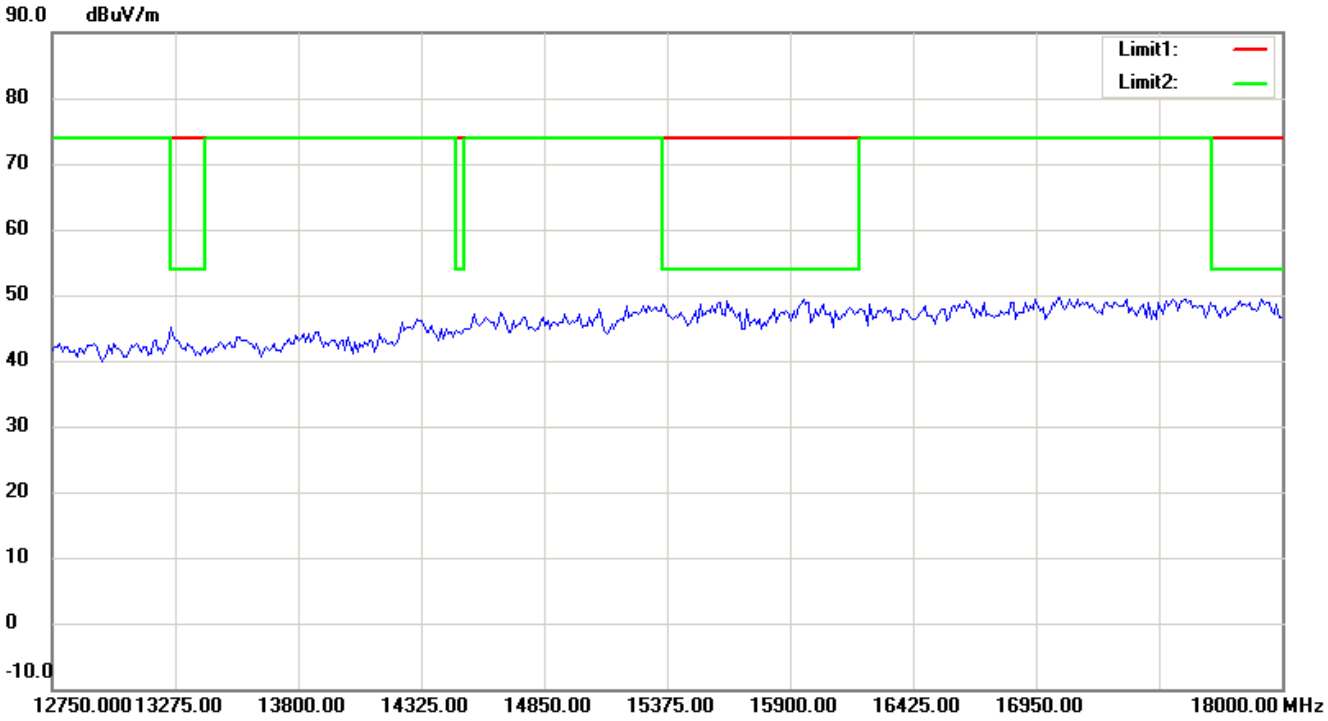


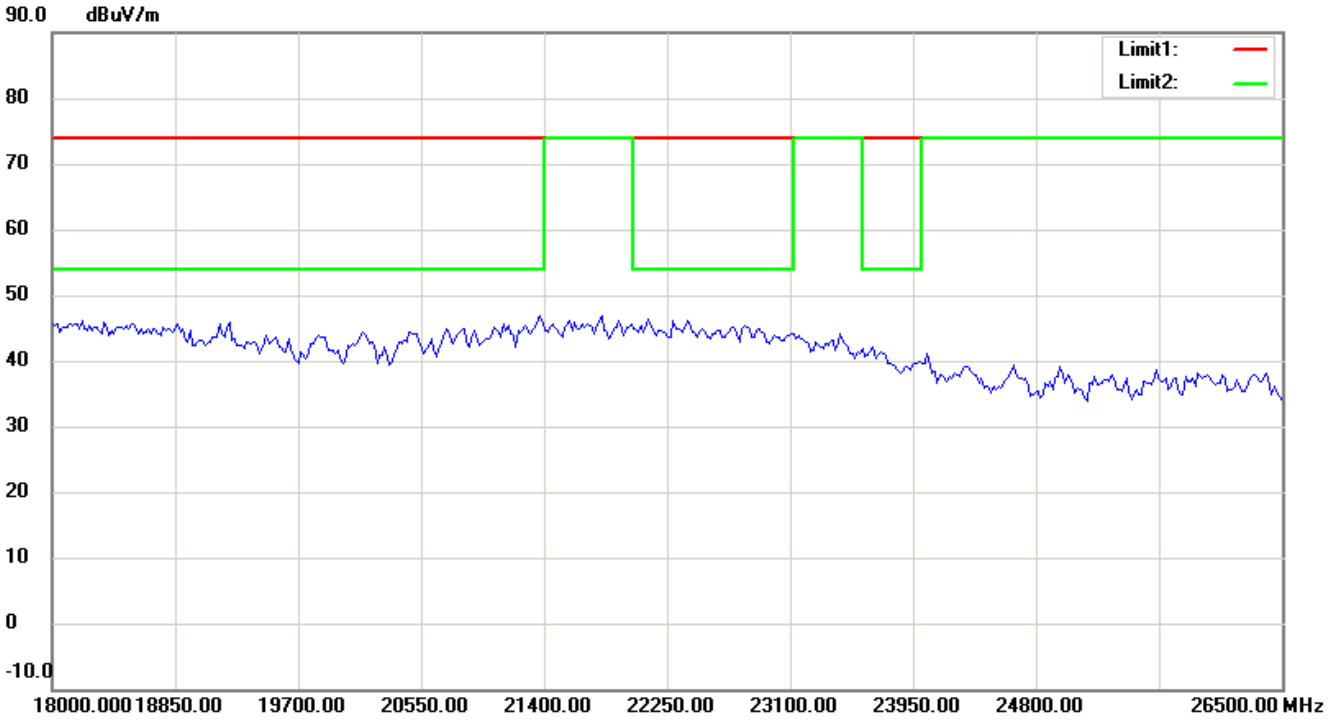


Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

1. **The attached measurement plots are preliminarily pre-scanned with peak detector for determining the final checking frequencies and are for reference only.**
2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
3. **For corrected test results are listed in the relevant table of radiated test data of this test report.**

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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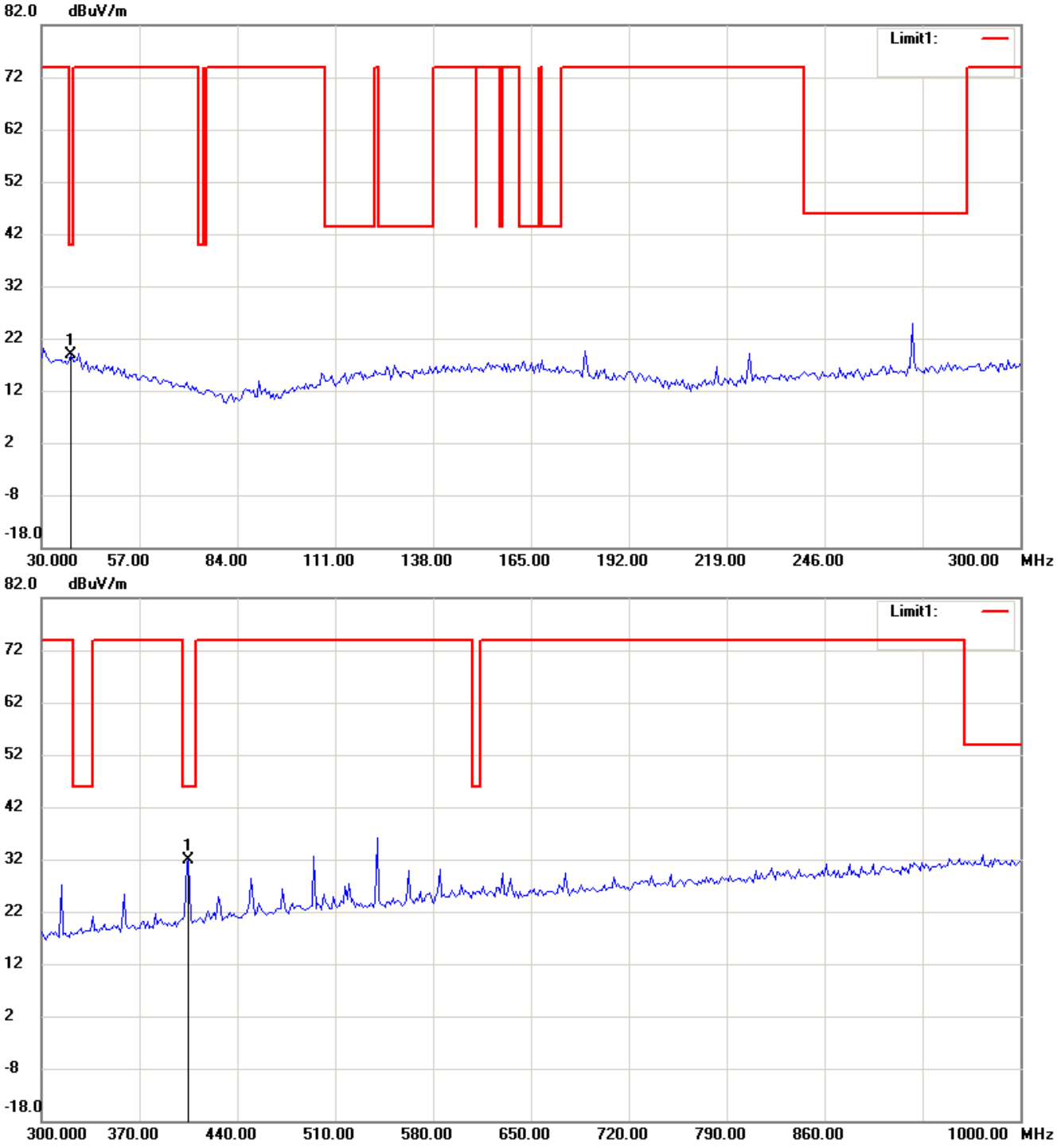
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
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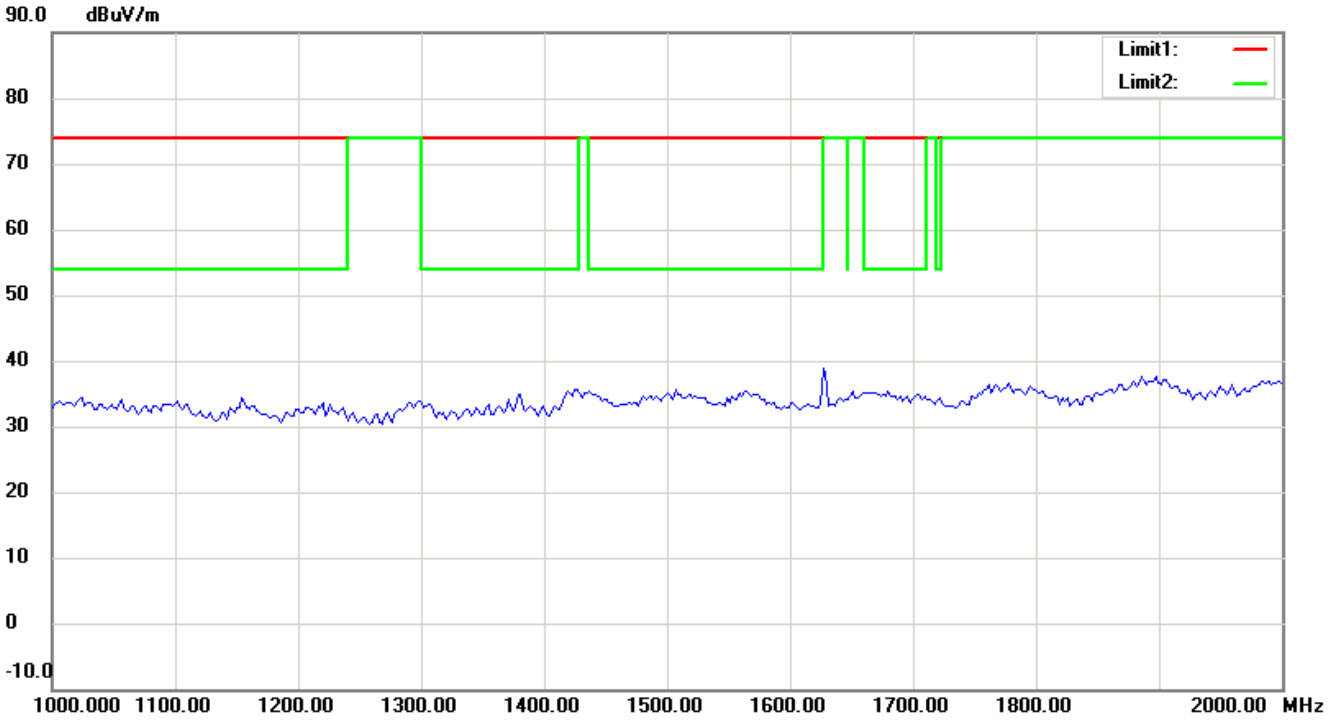
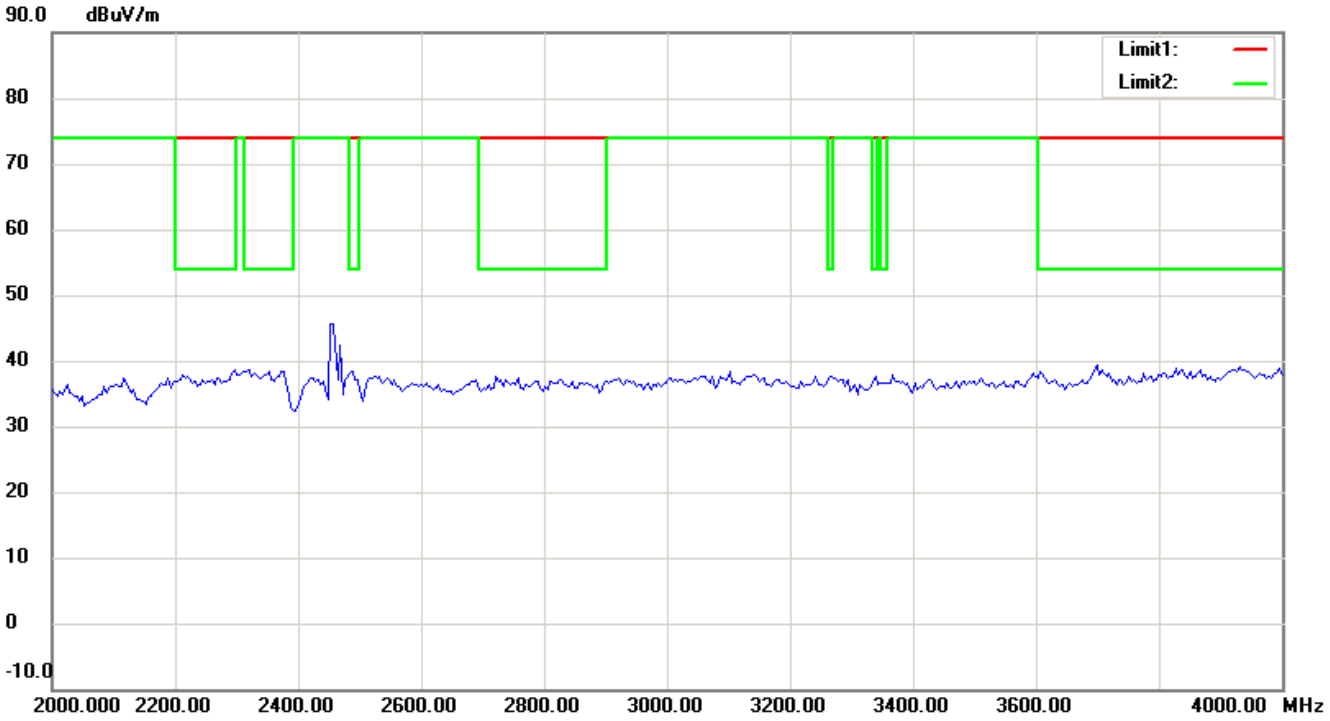
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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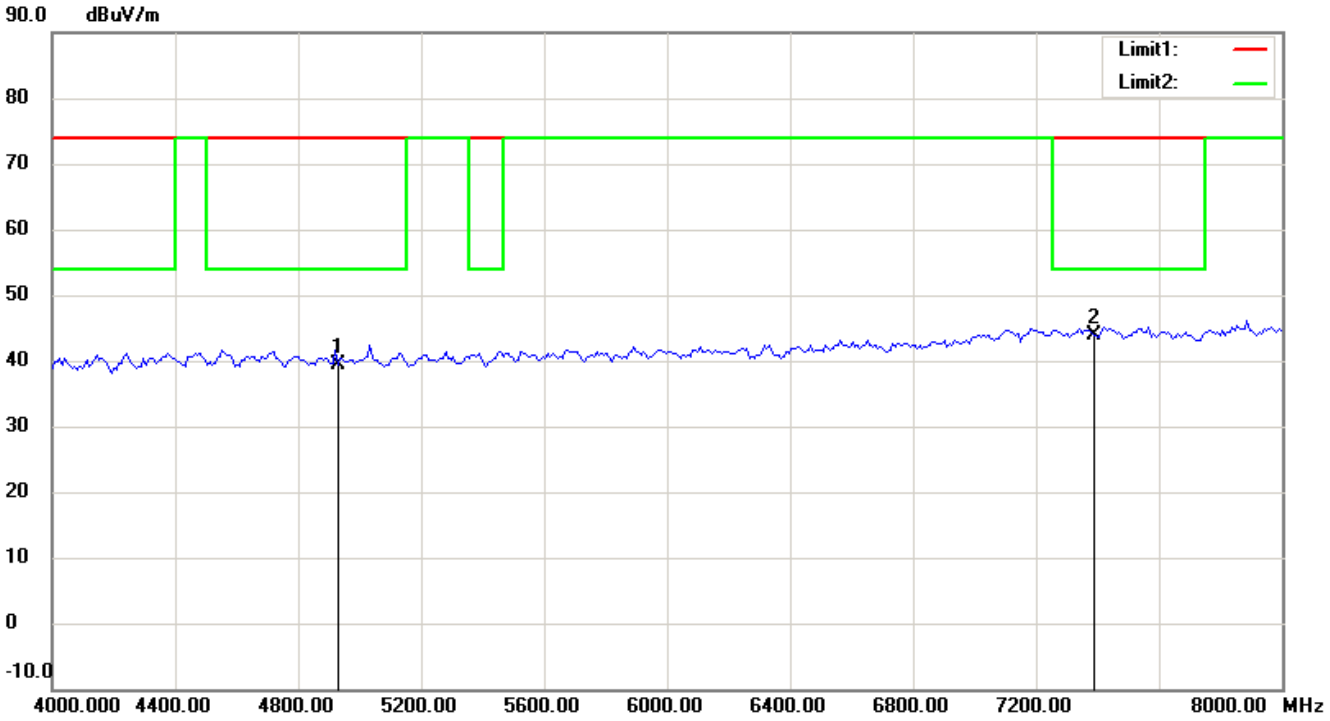
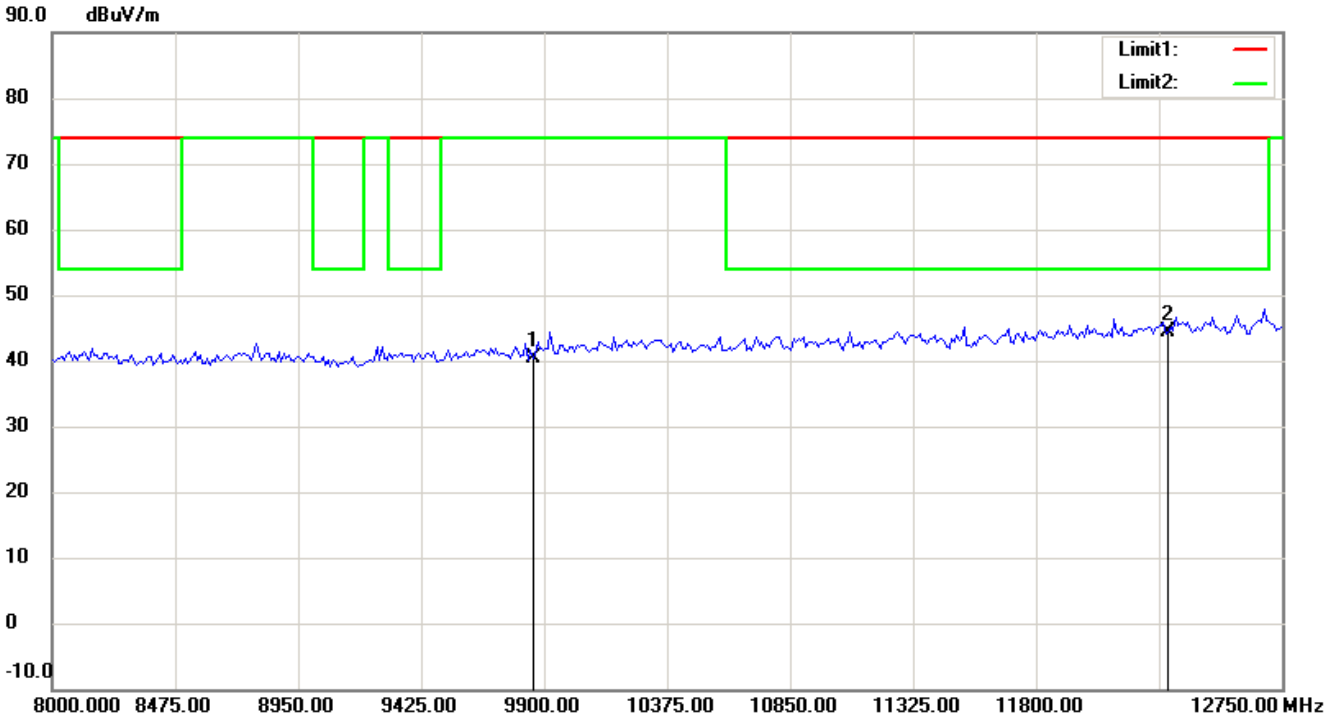
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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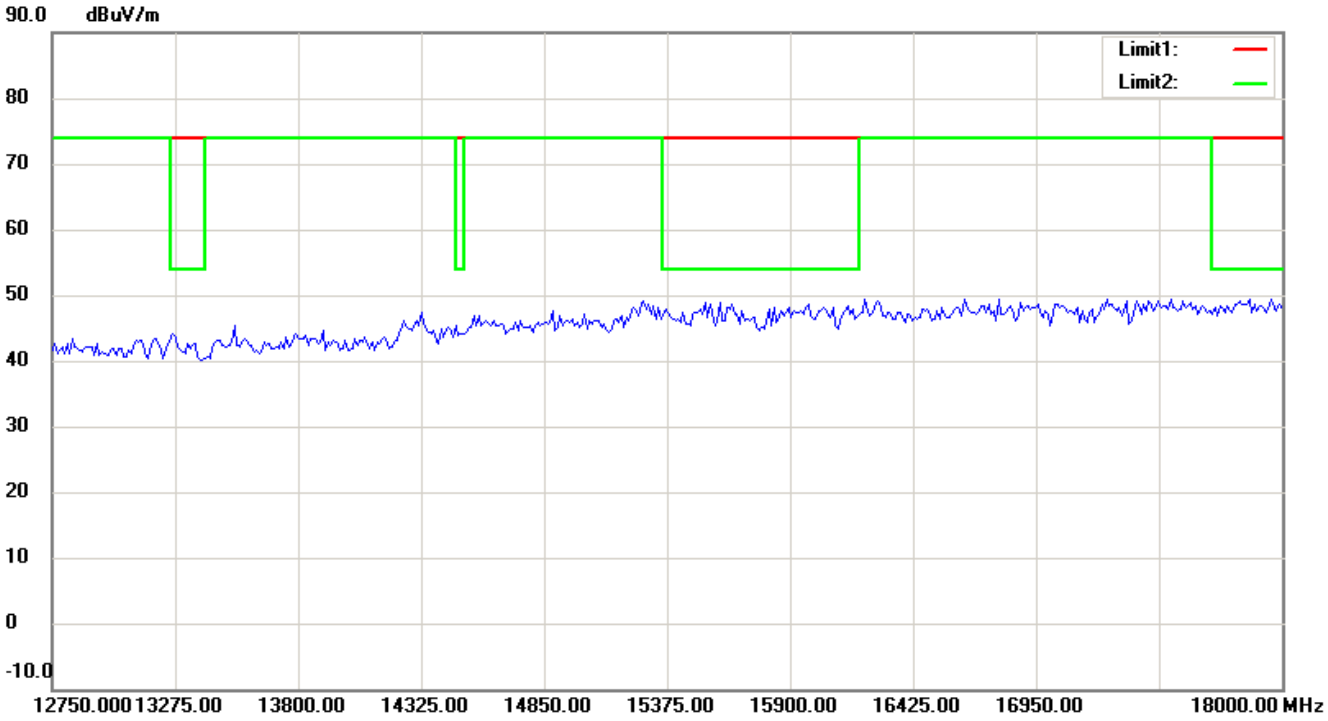
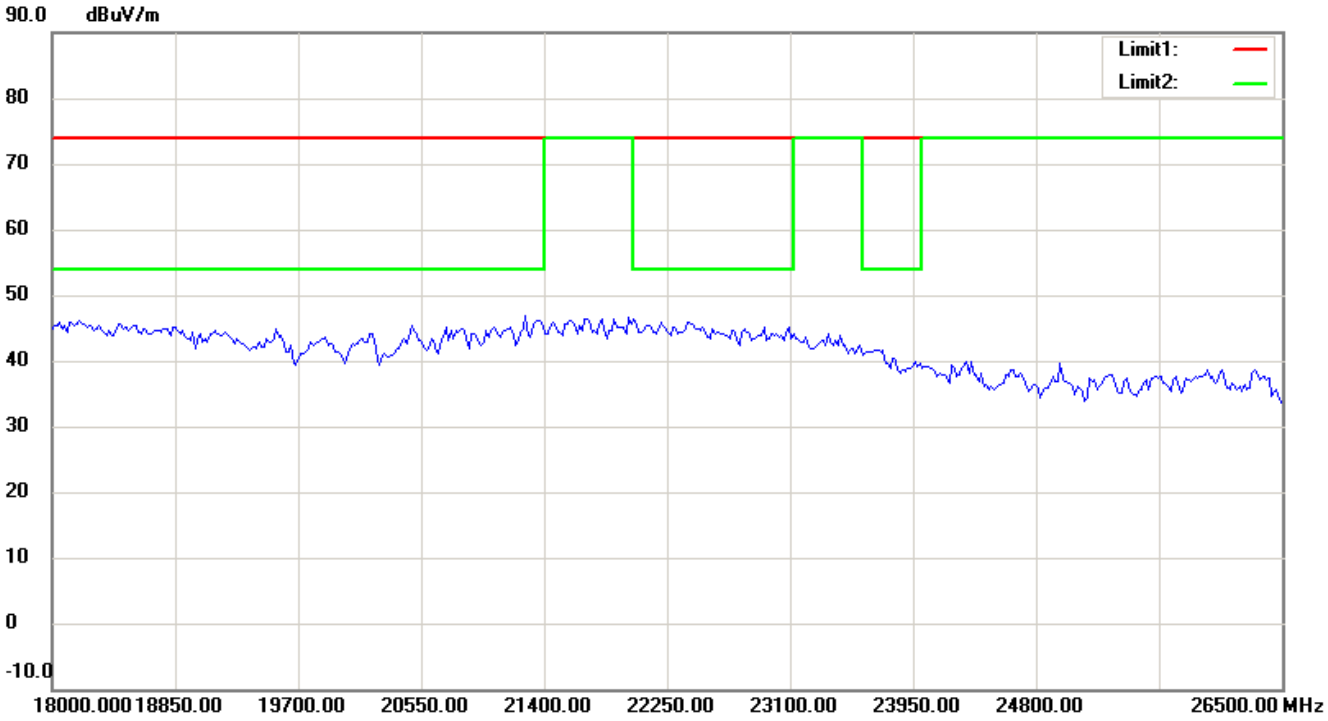
FCC ID: IR5DT6





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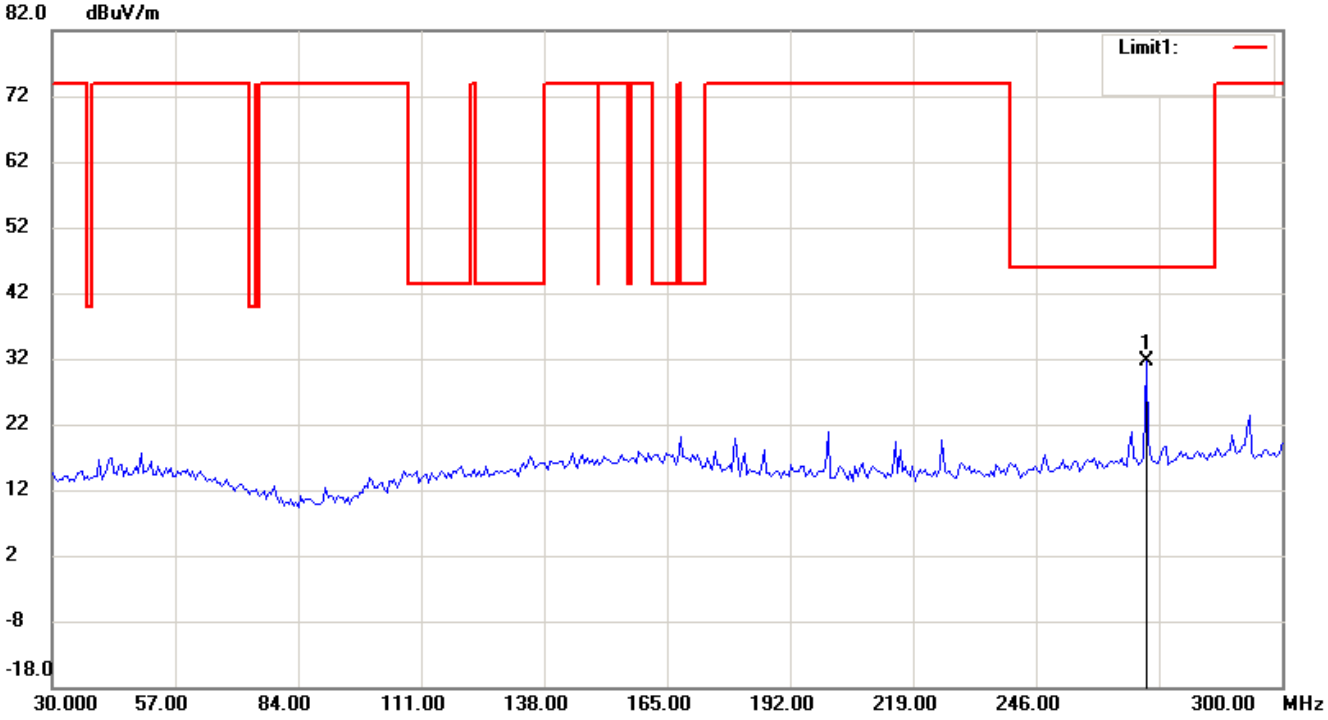
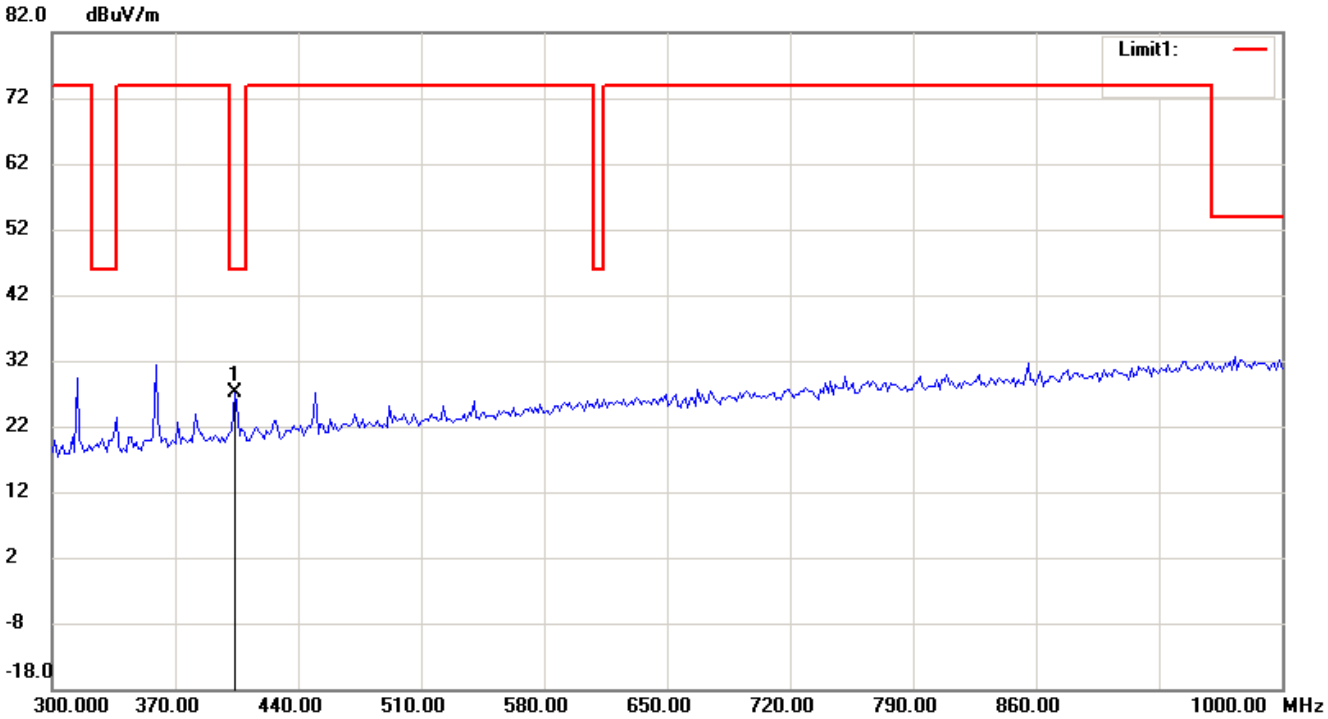
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11n(40MHz) 2422MHz
Antenna Polarization H





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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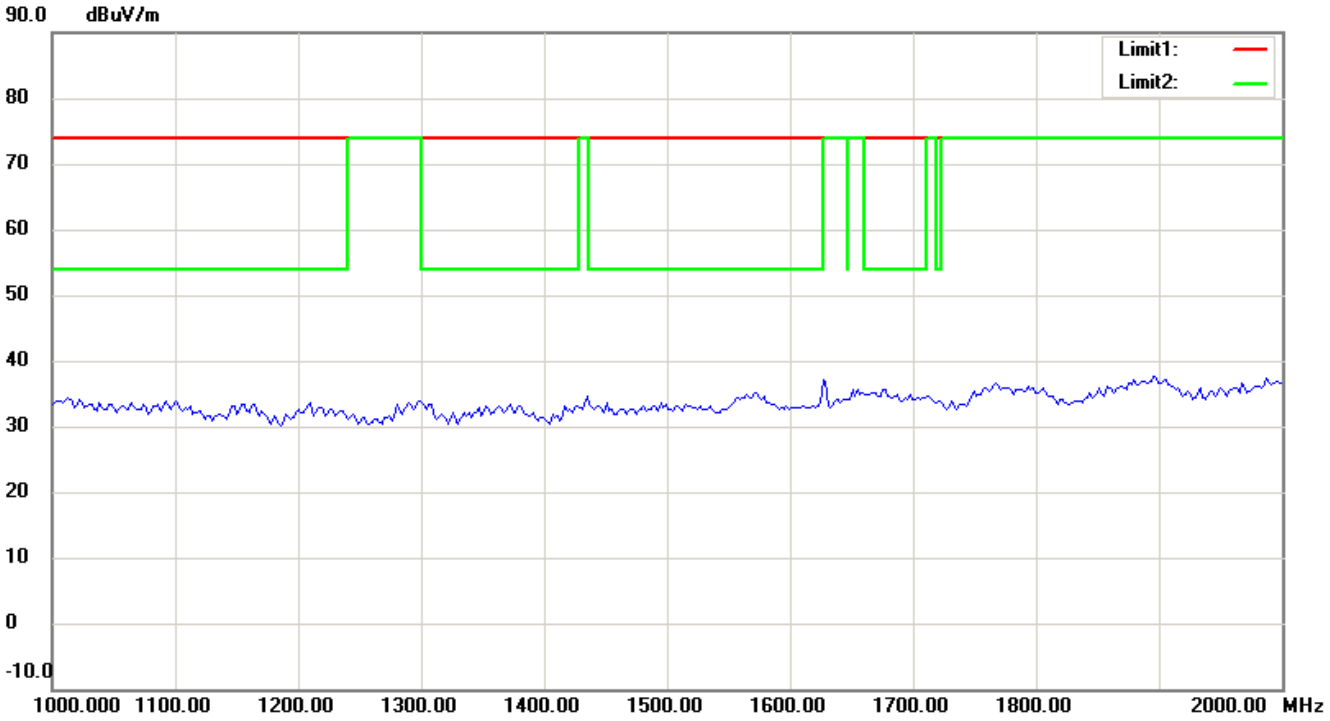
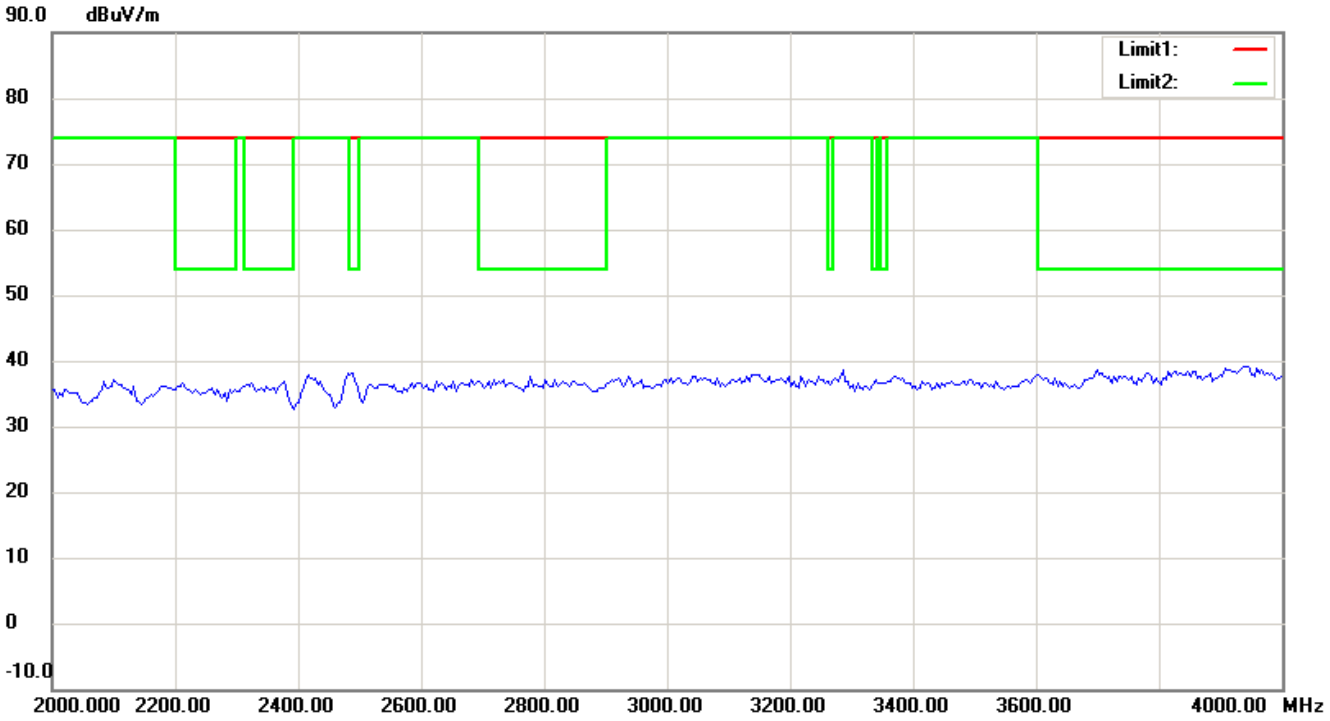
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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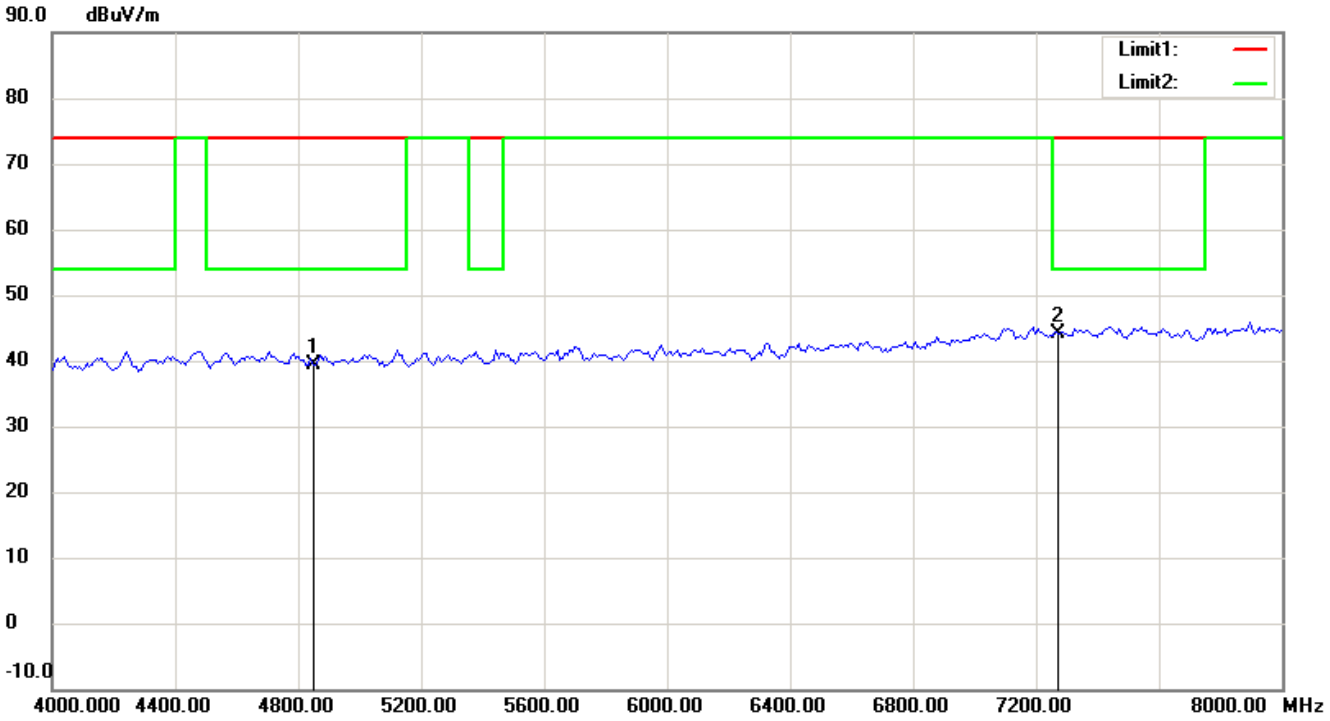
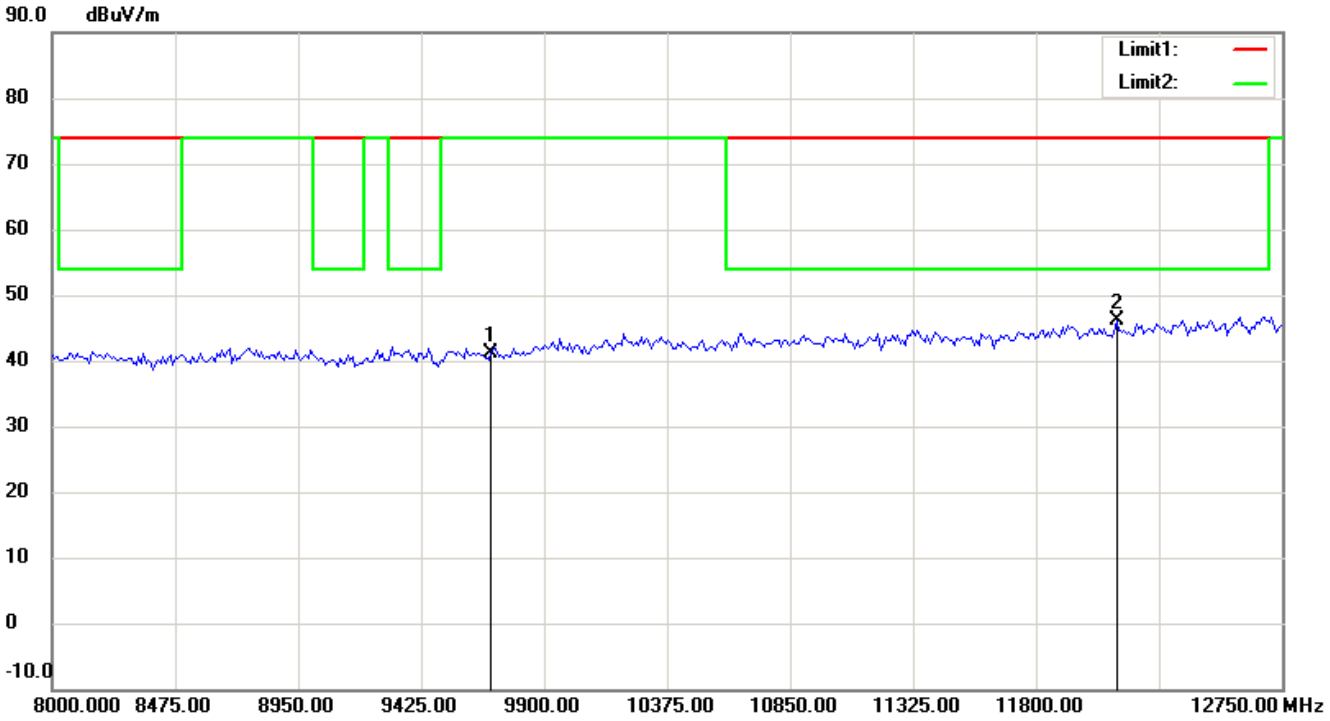
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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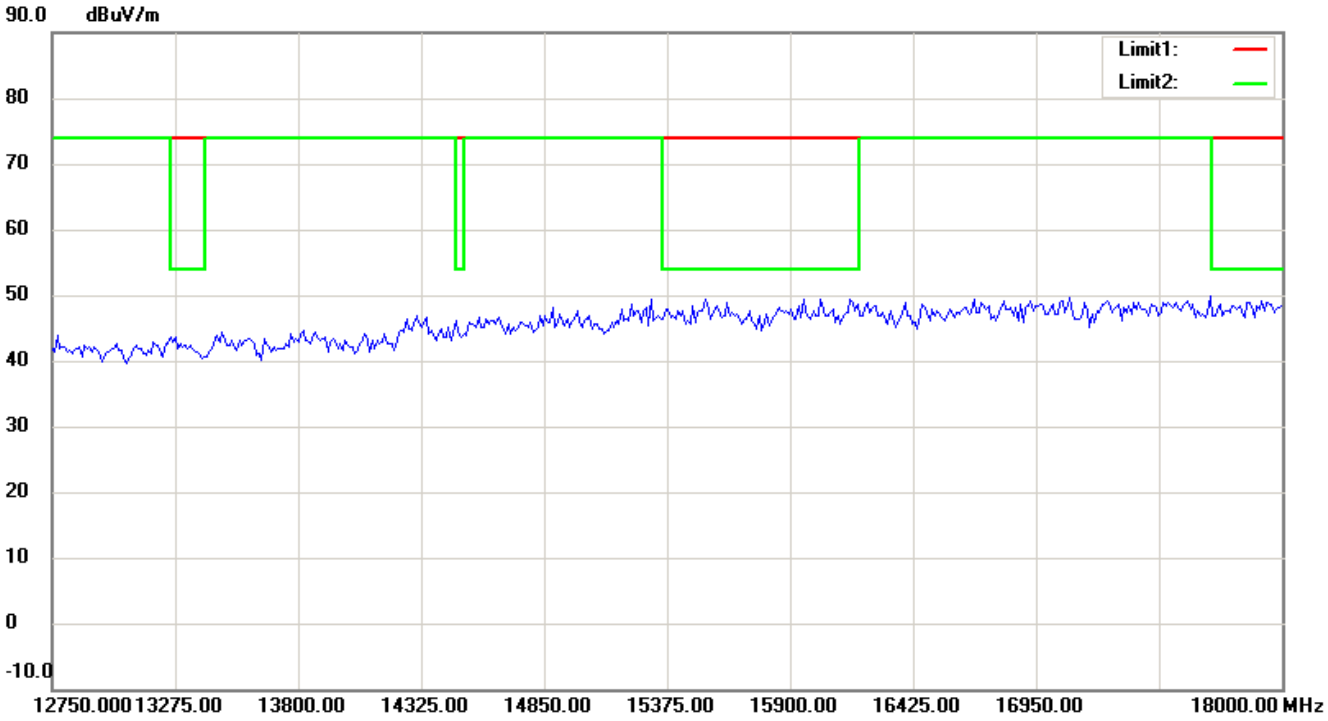
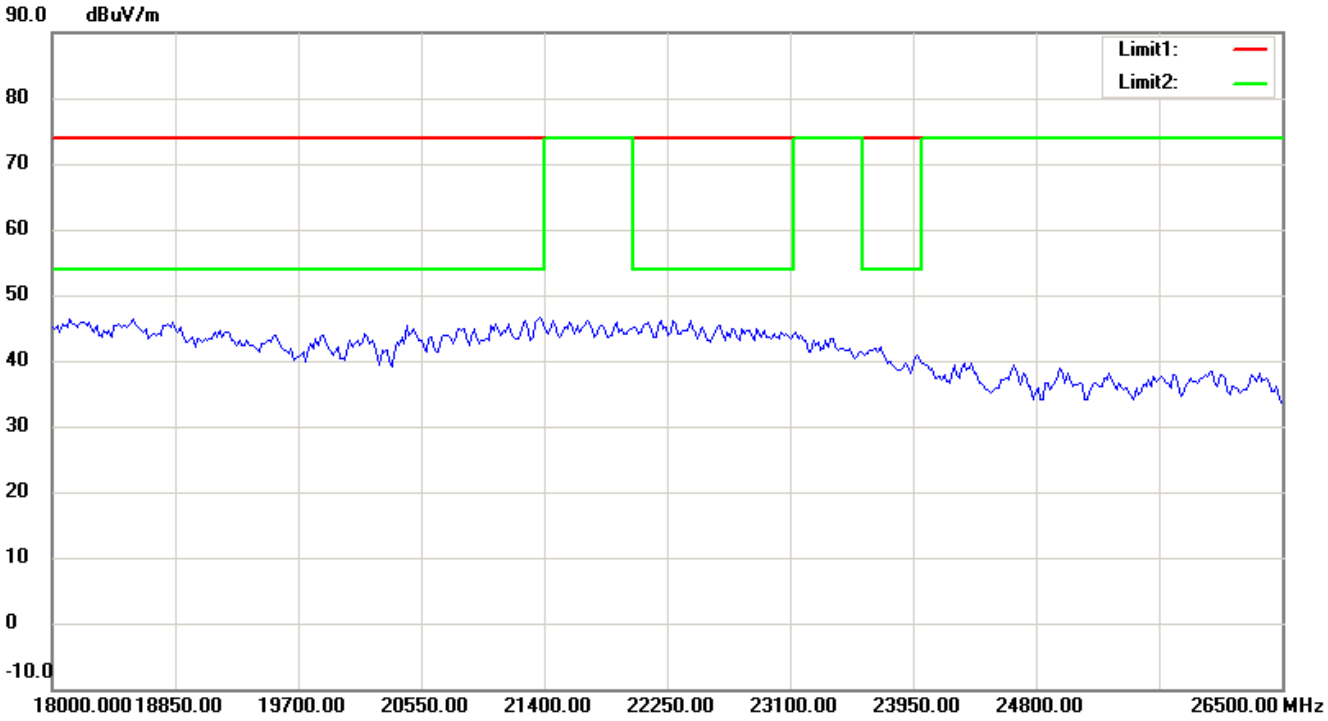
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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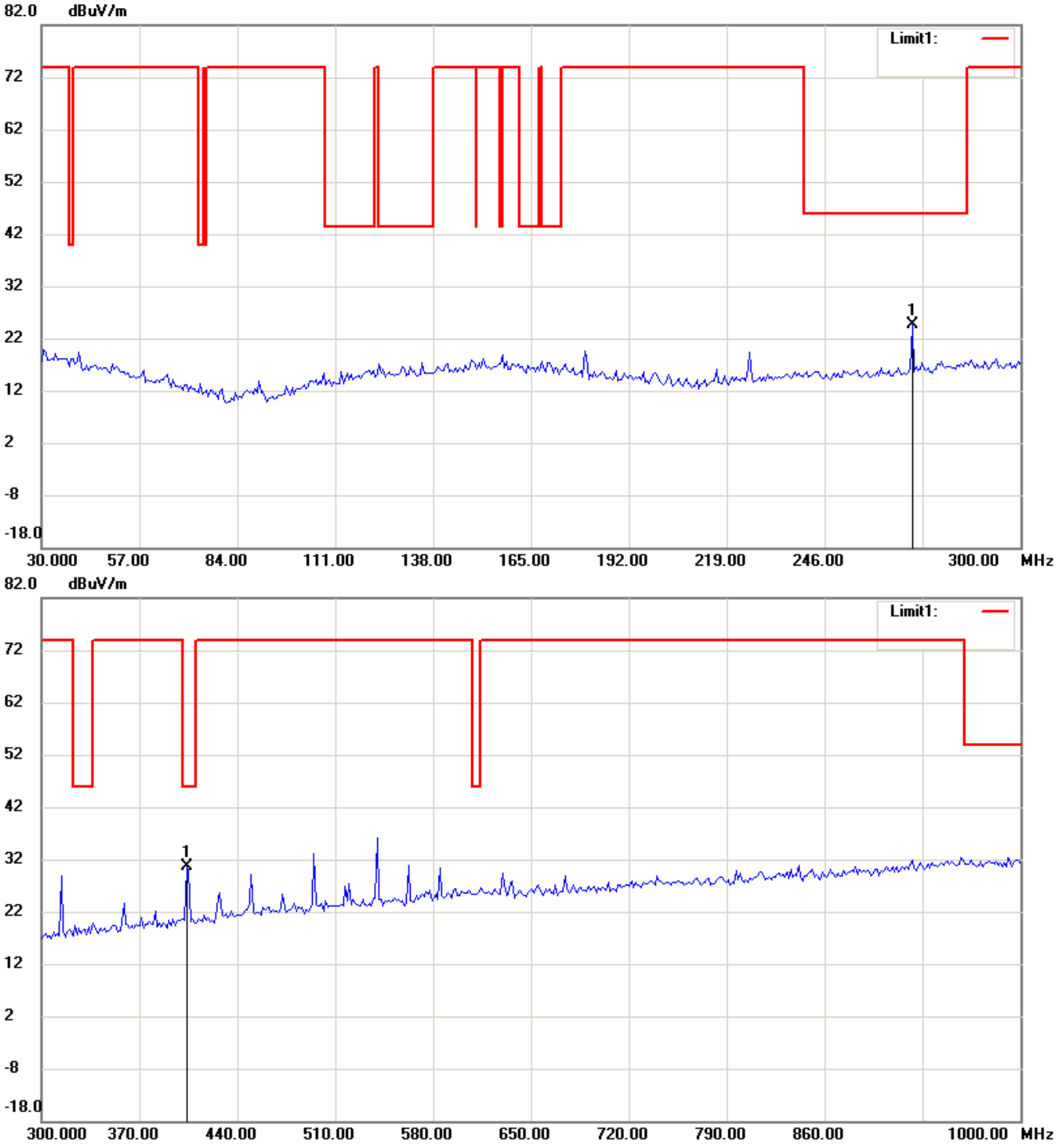
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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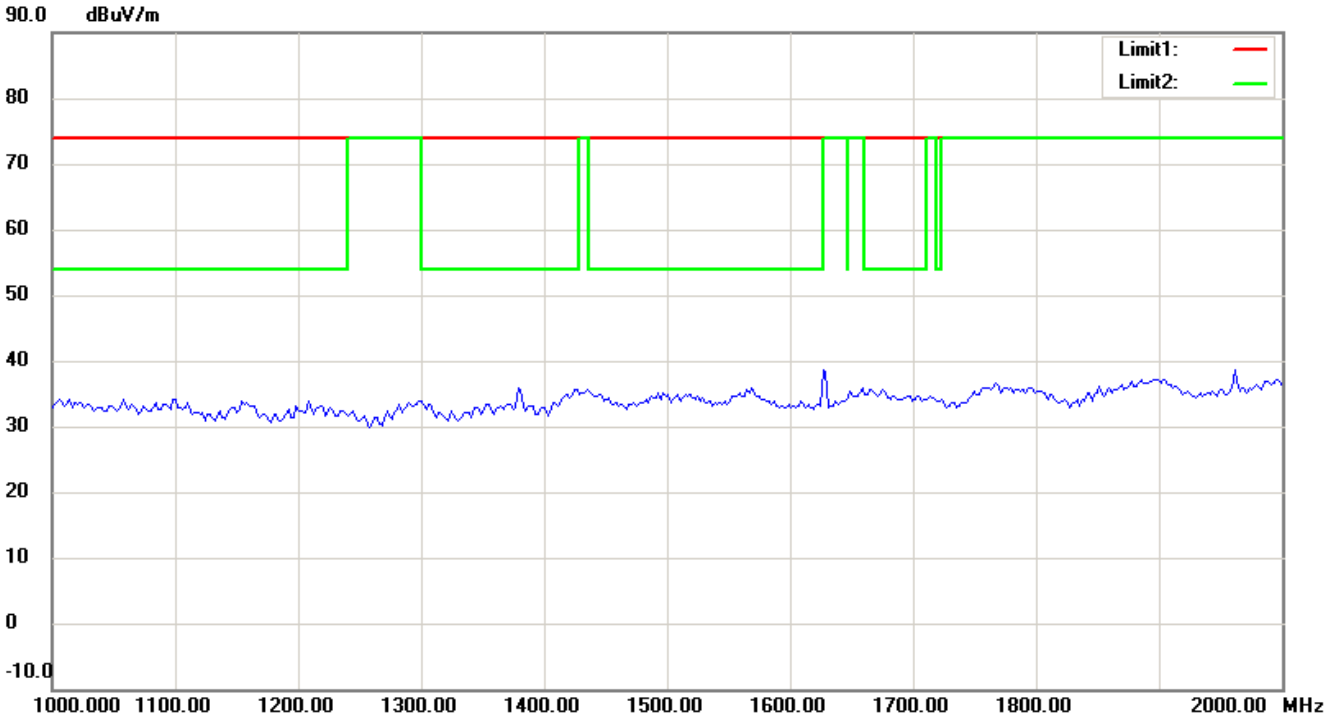
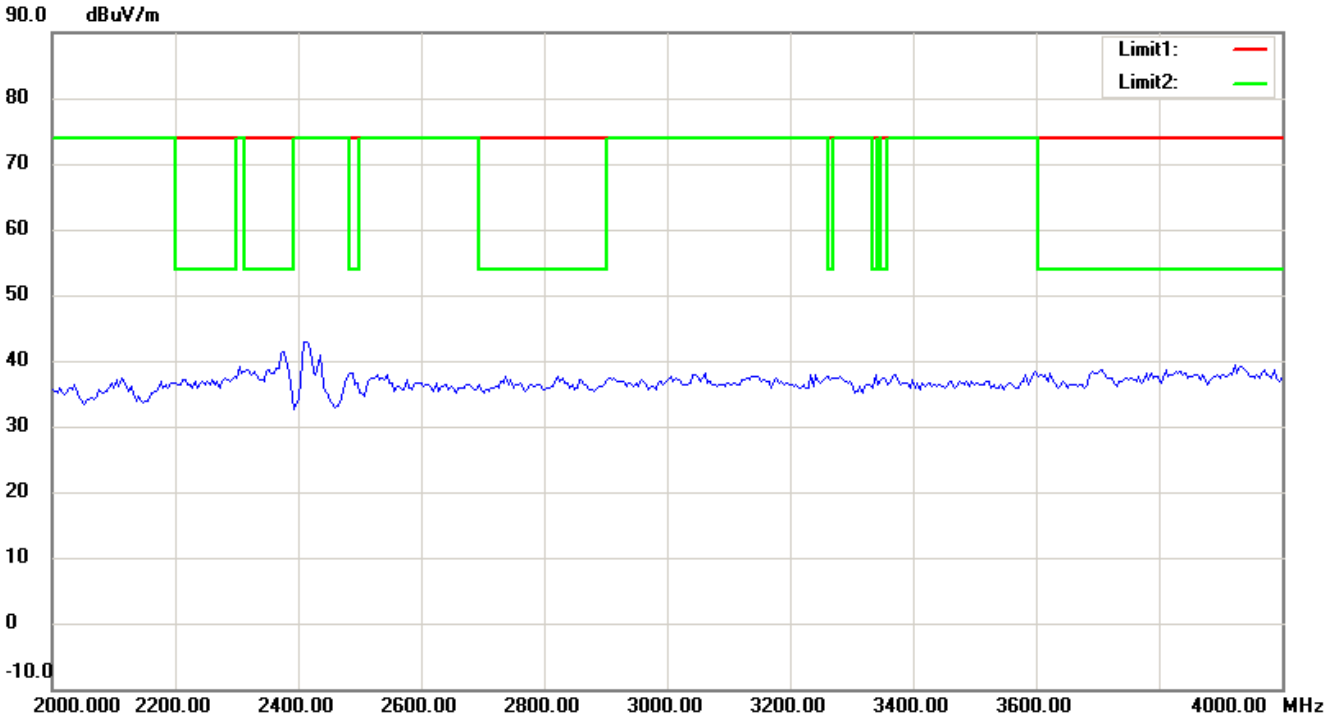
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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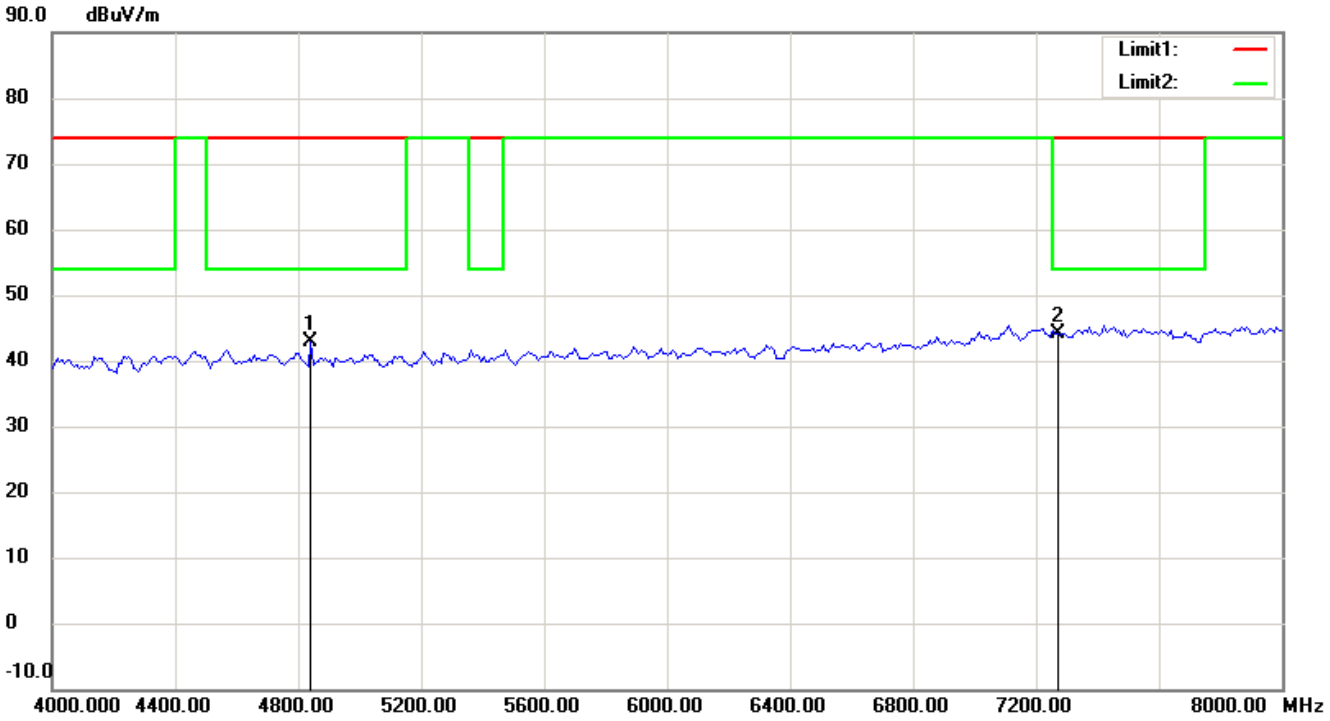
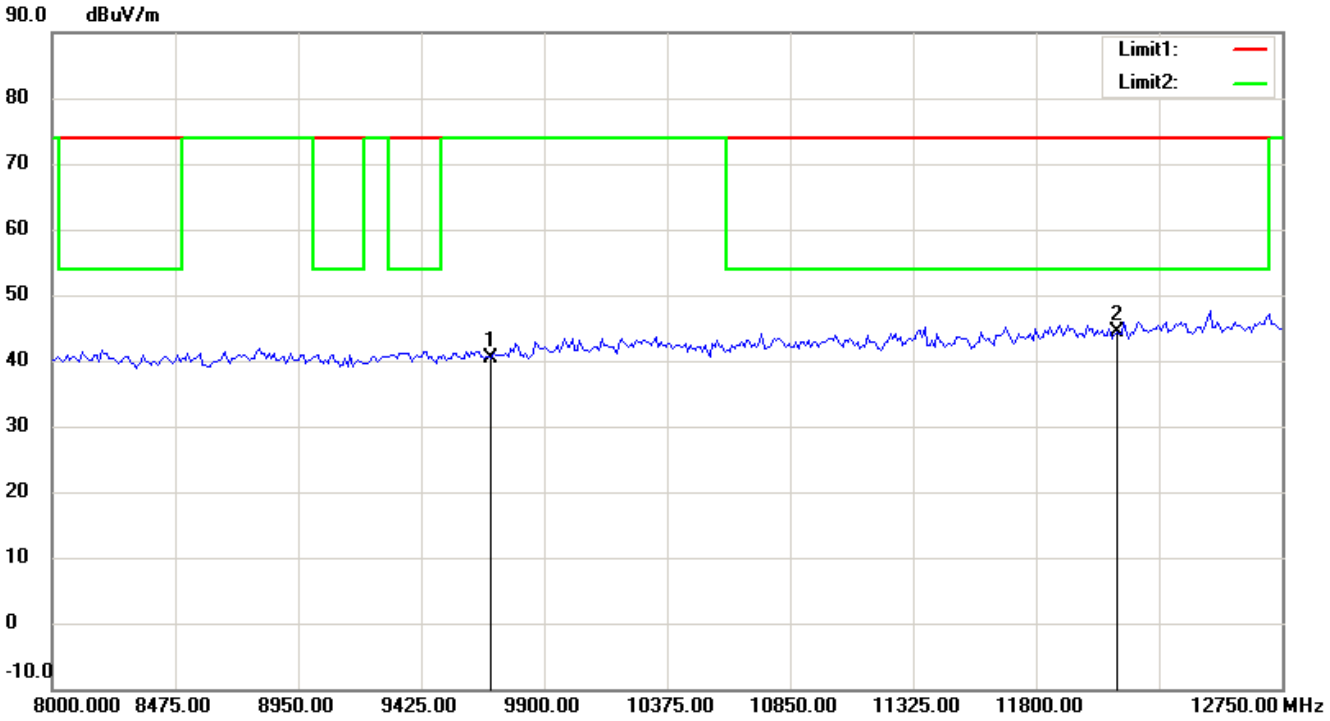
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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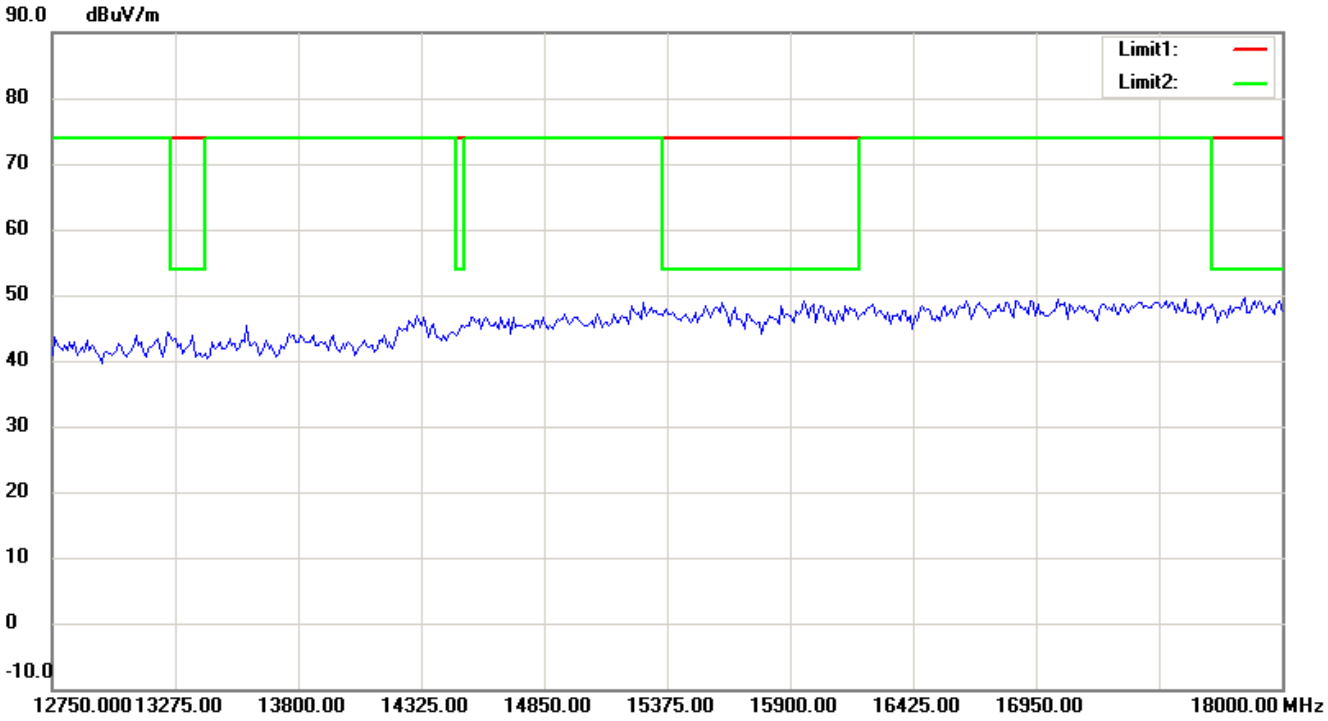

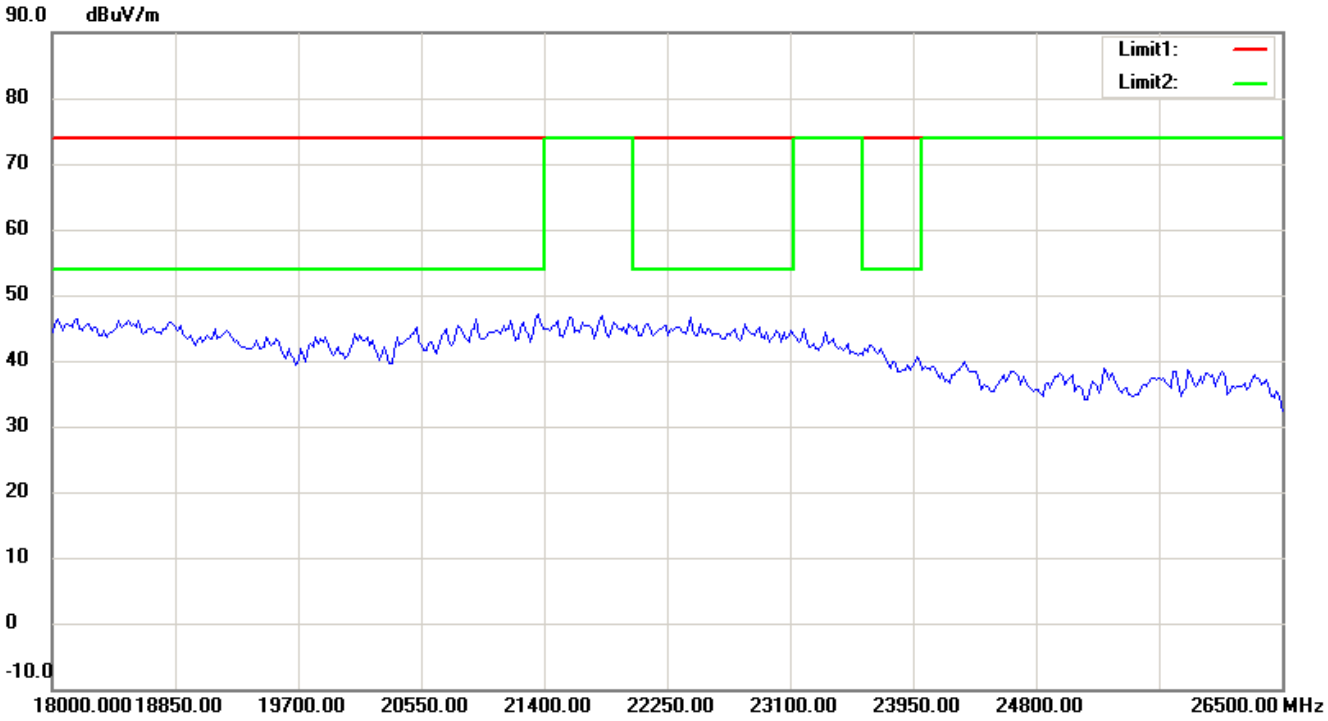

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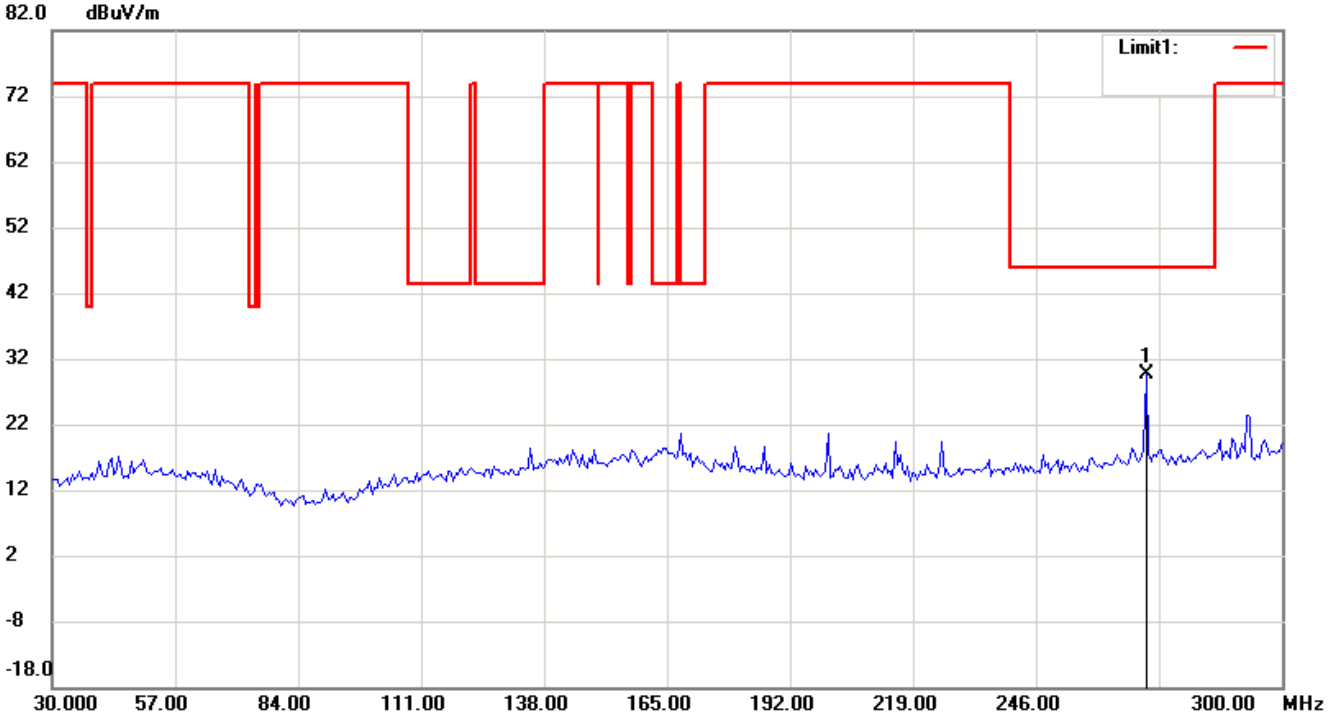
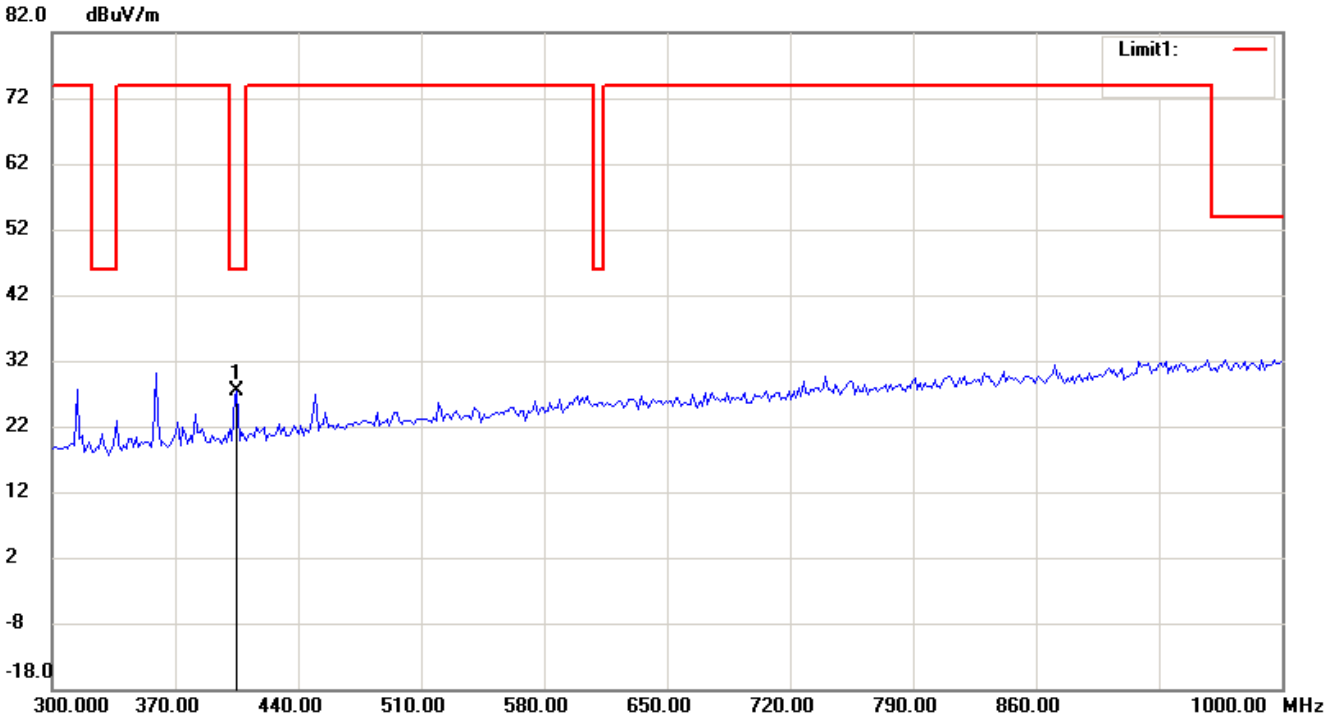
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11n(40MHz) 2437MHz
Antenna Polarization H





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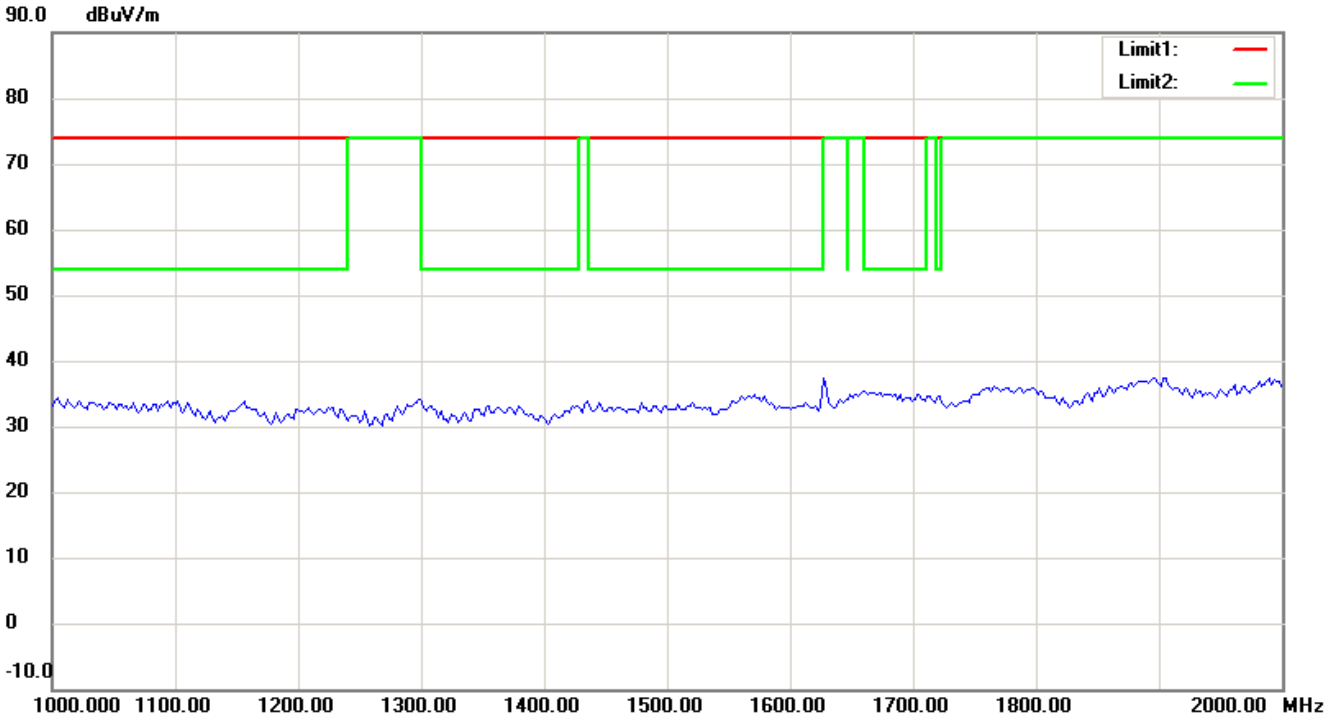

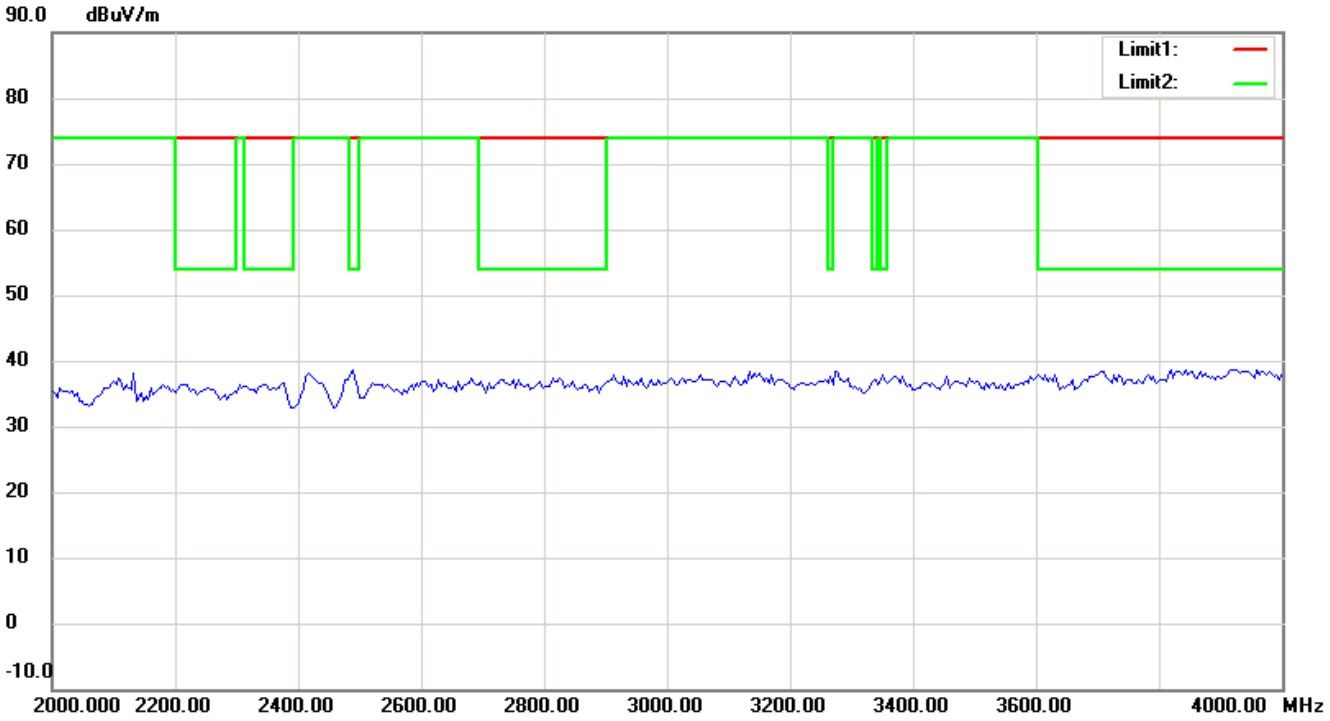

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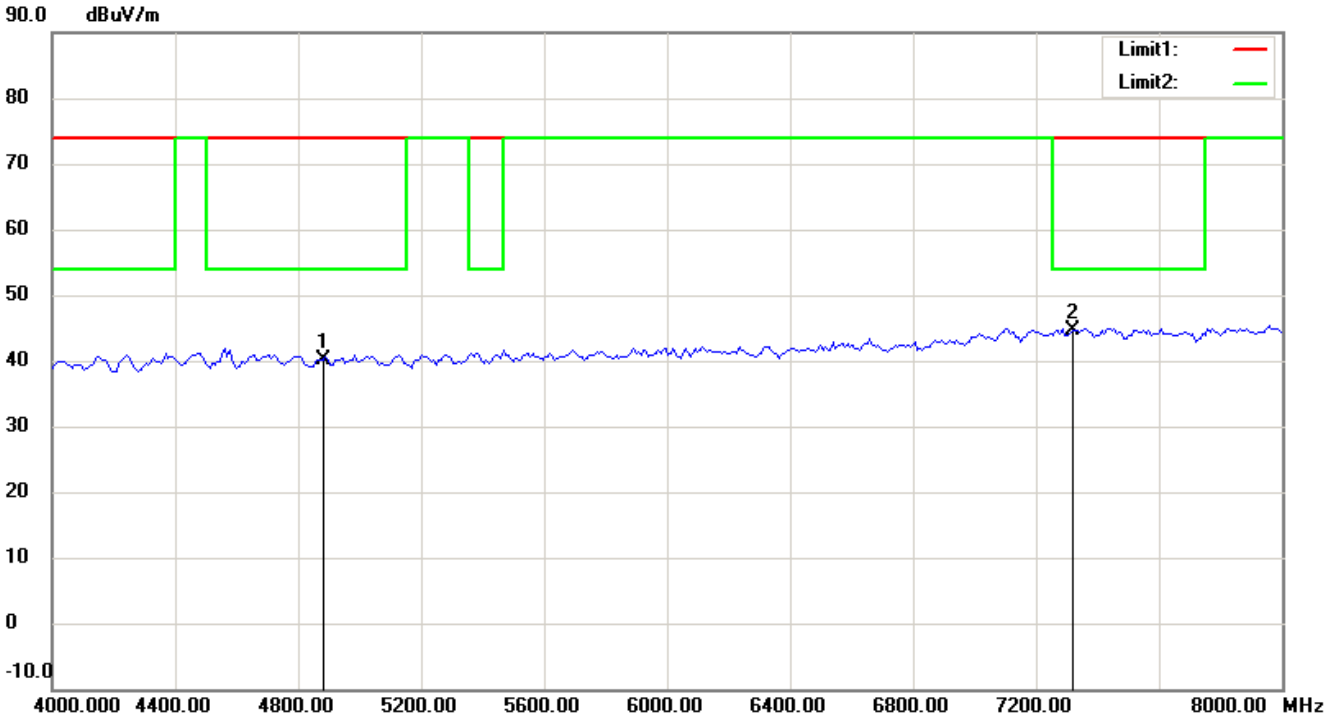

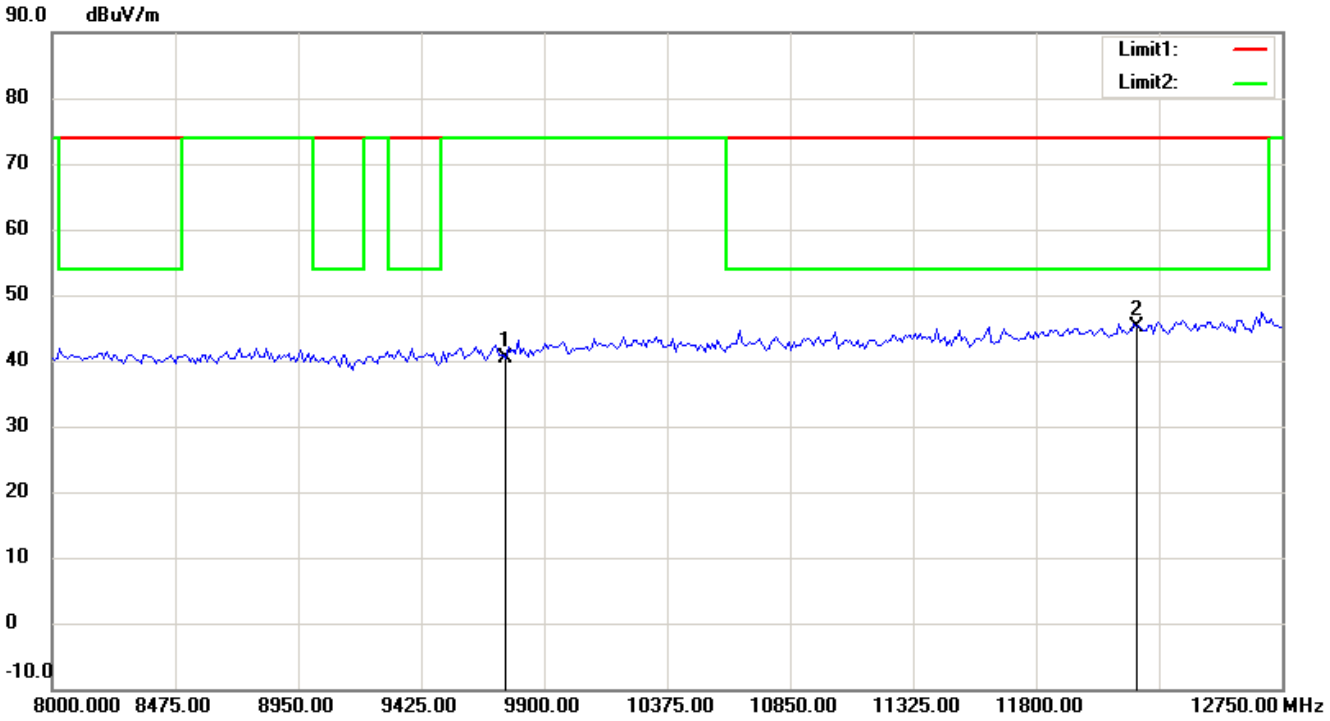

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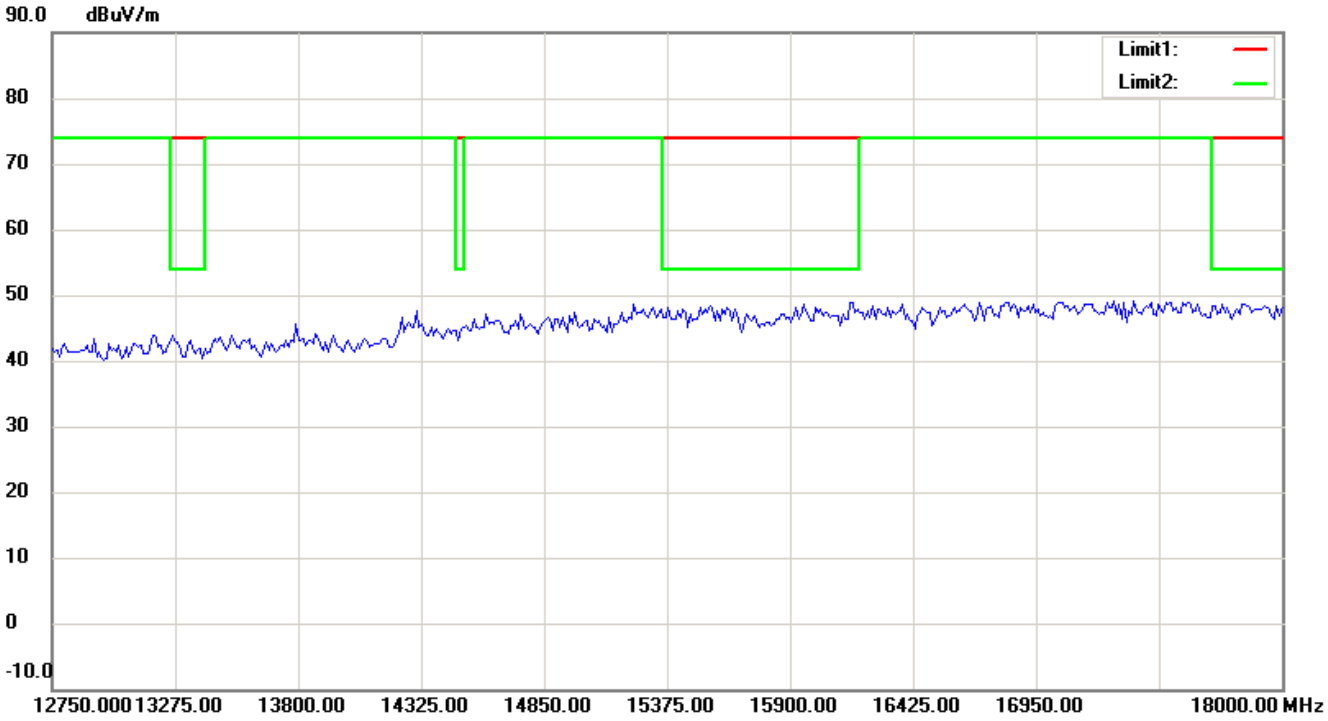

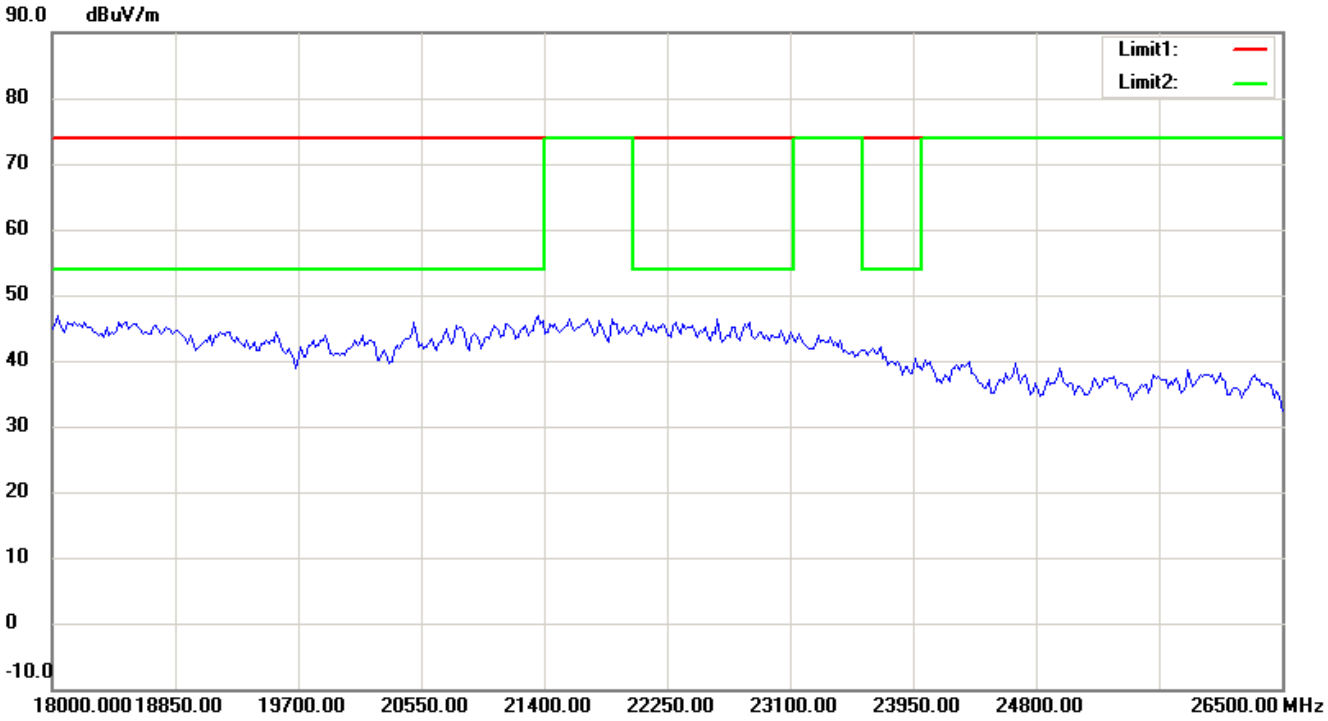

Up Line: Peak Limit Line Down Line: Ave Limit Line
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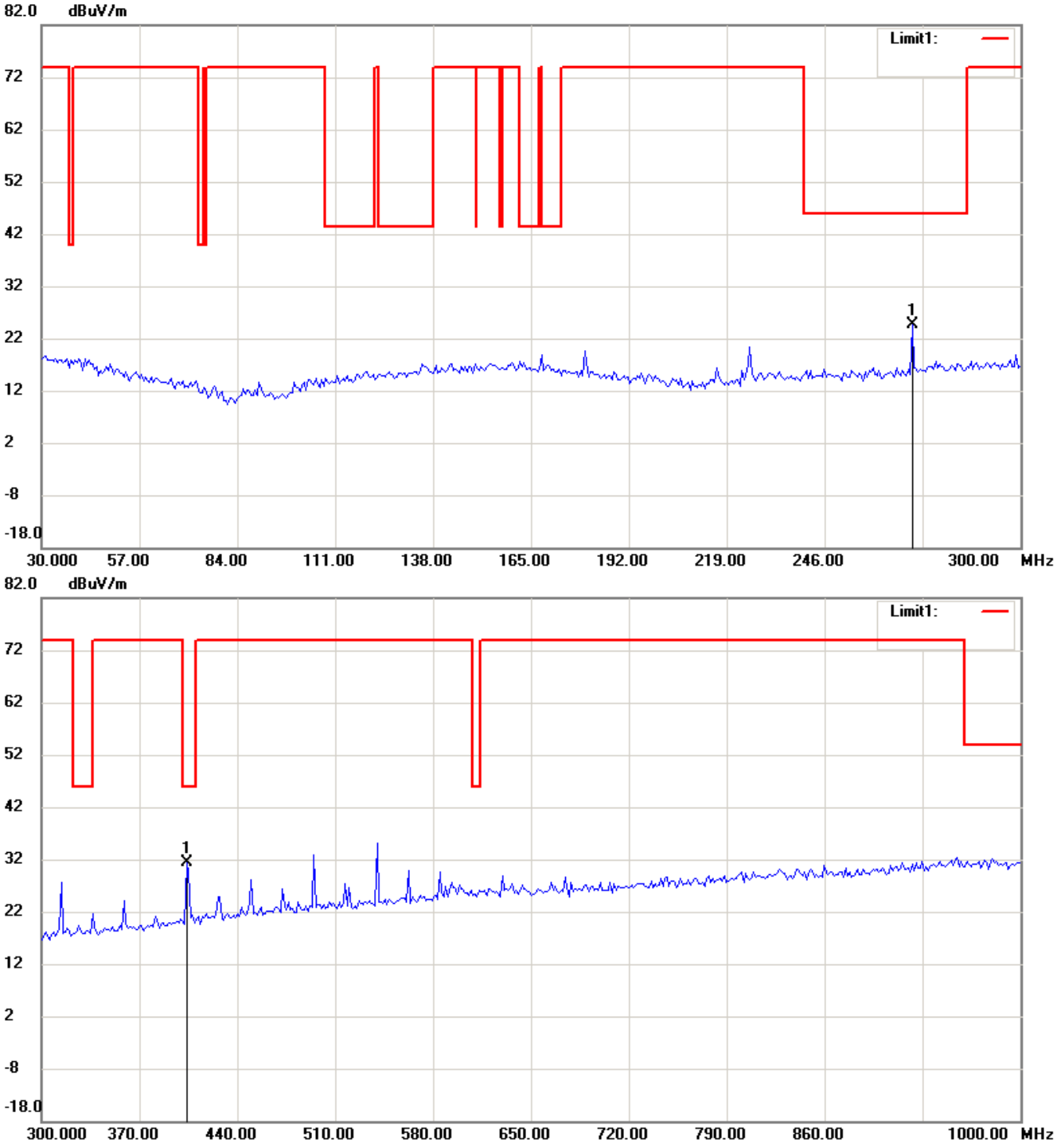
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
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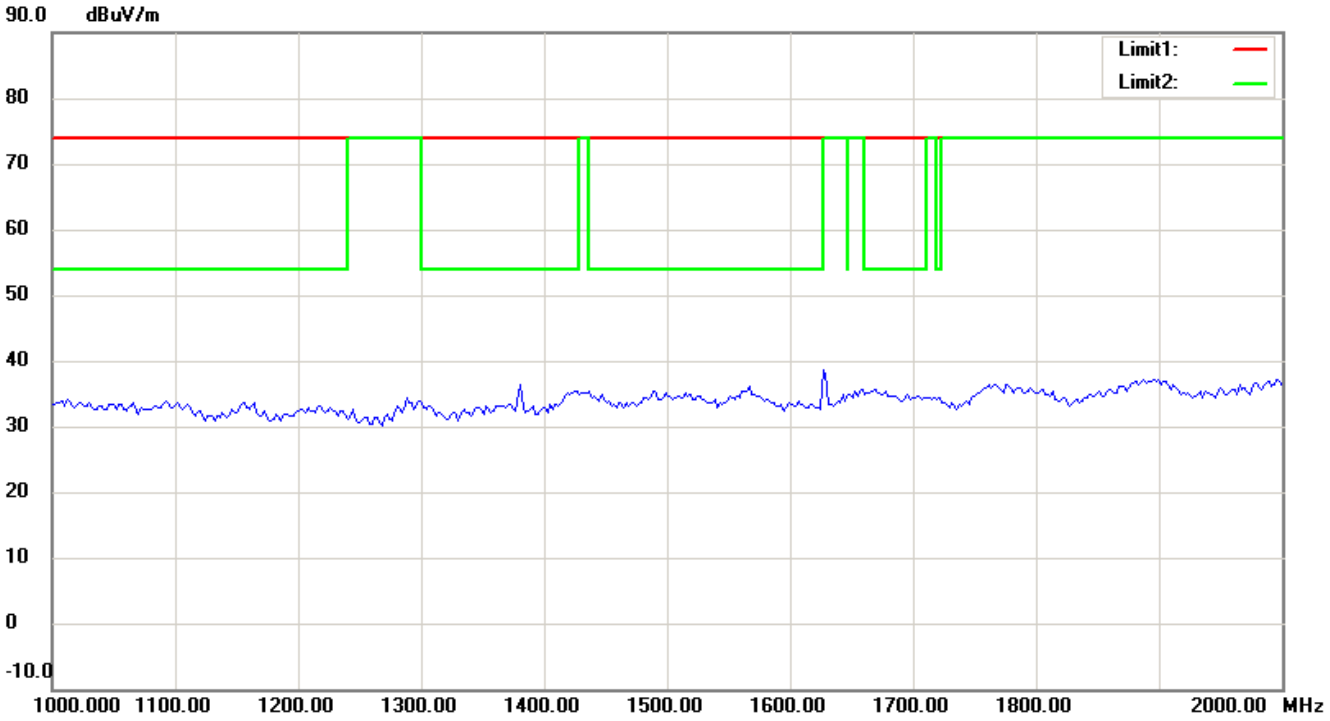
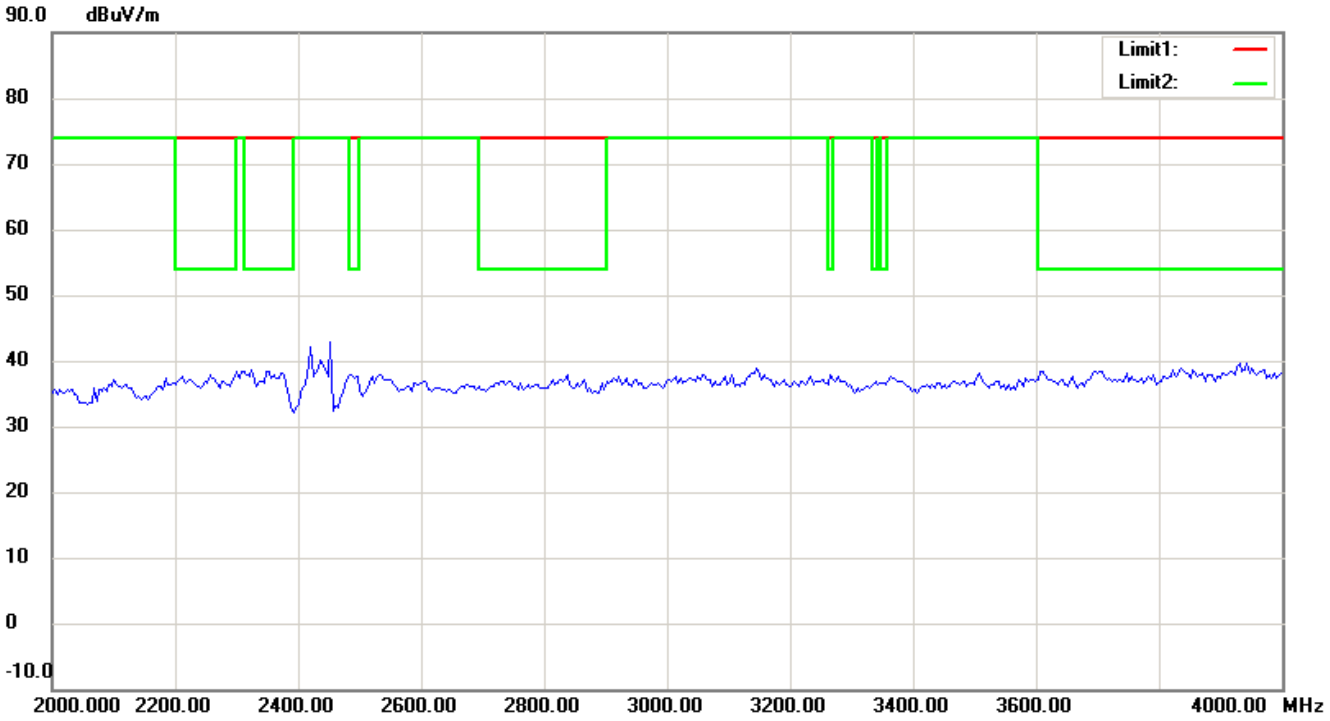
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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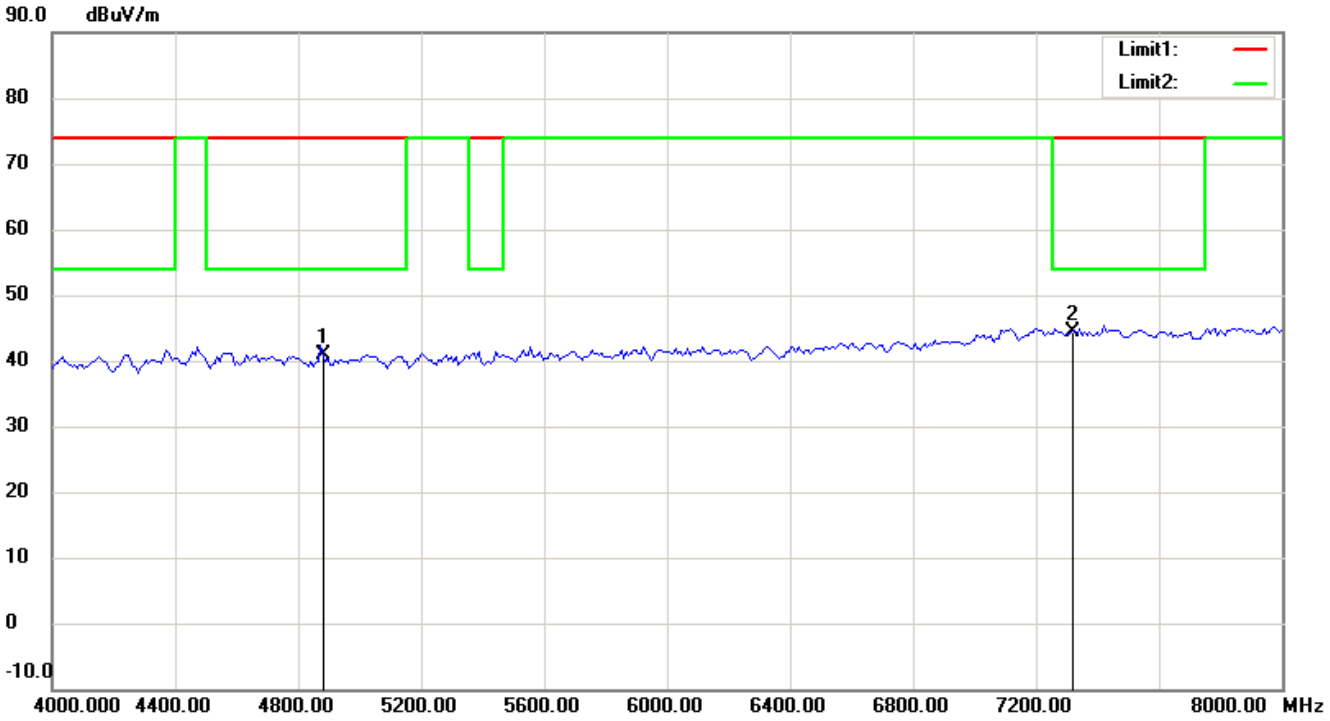

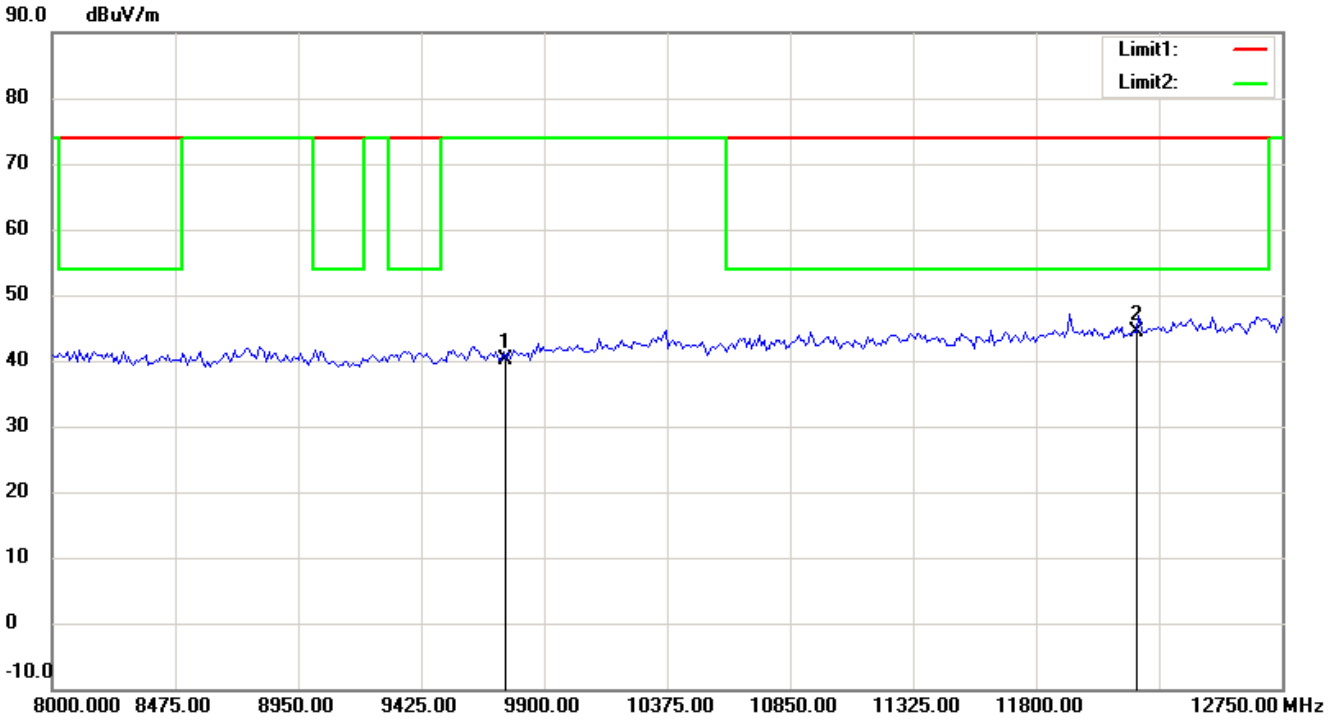

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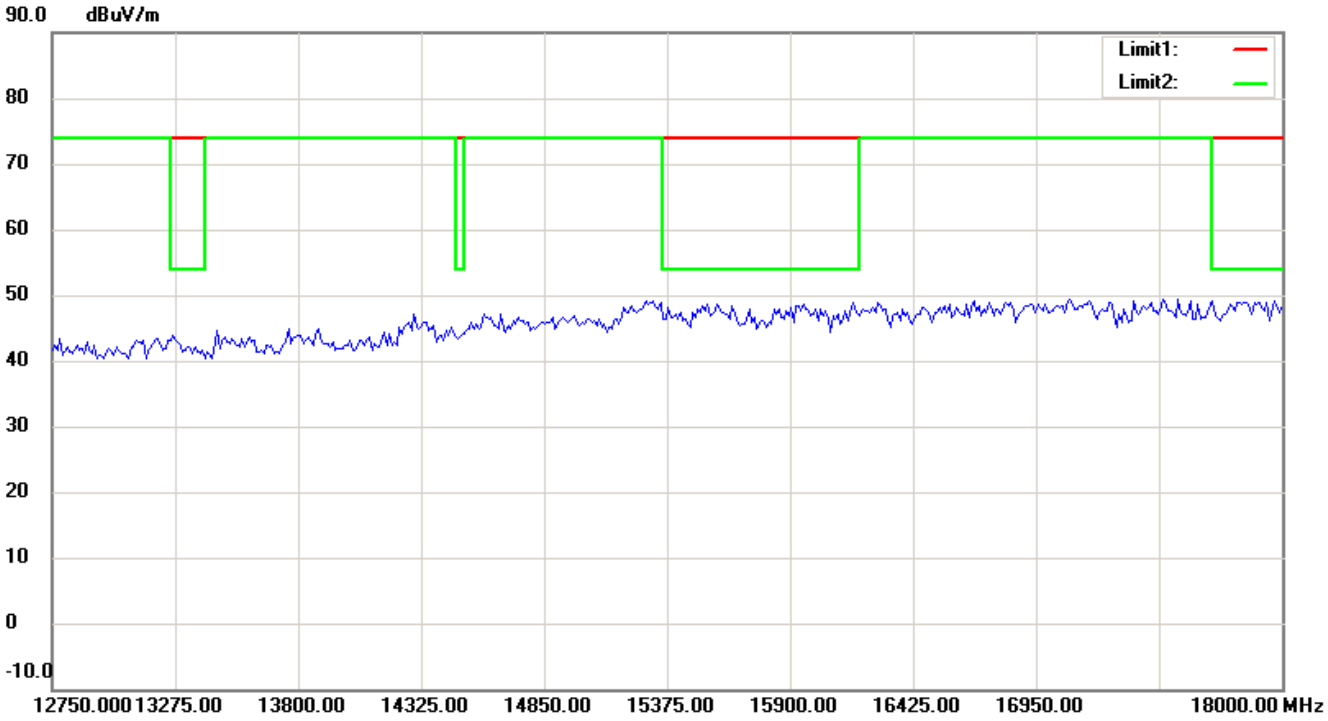
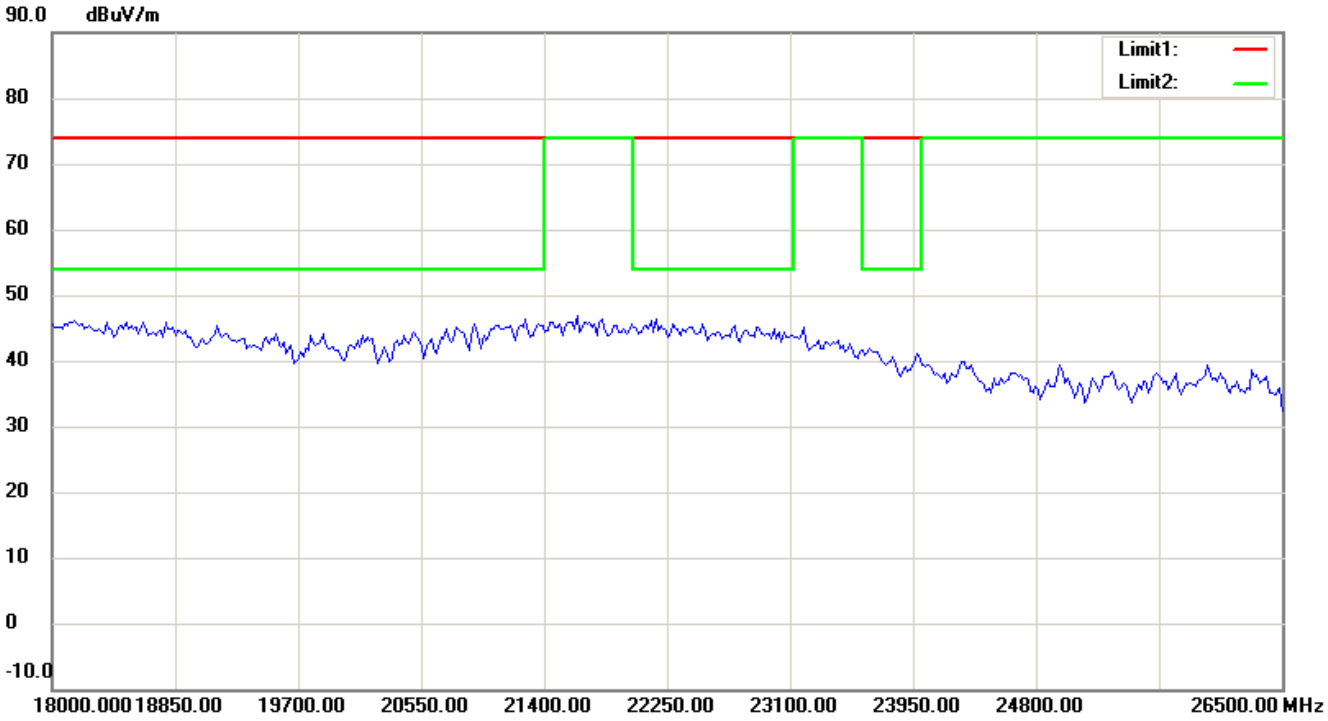
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
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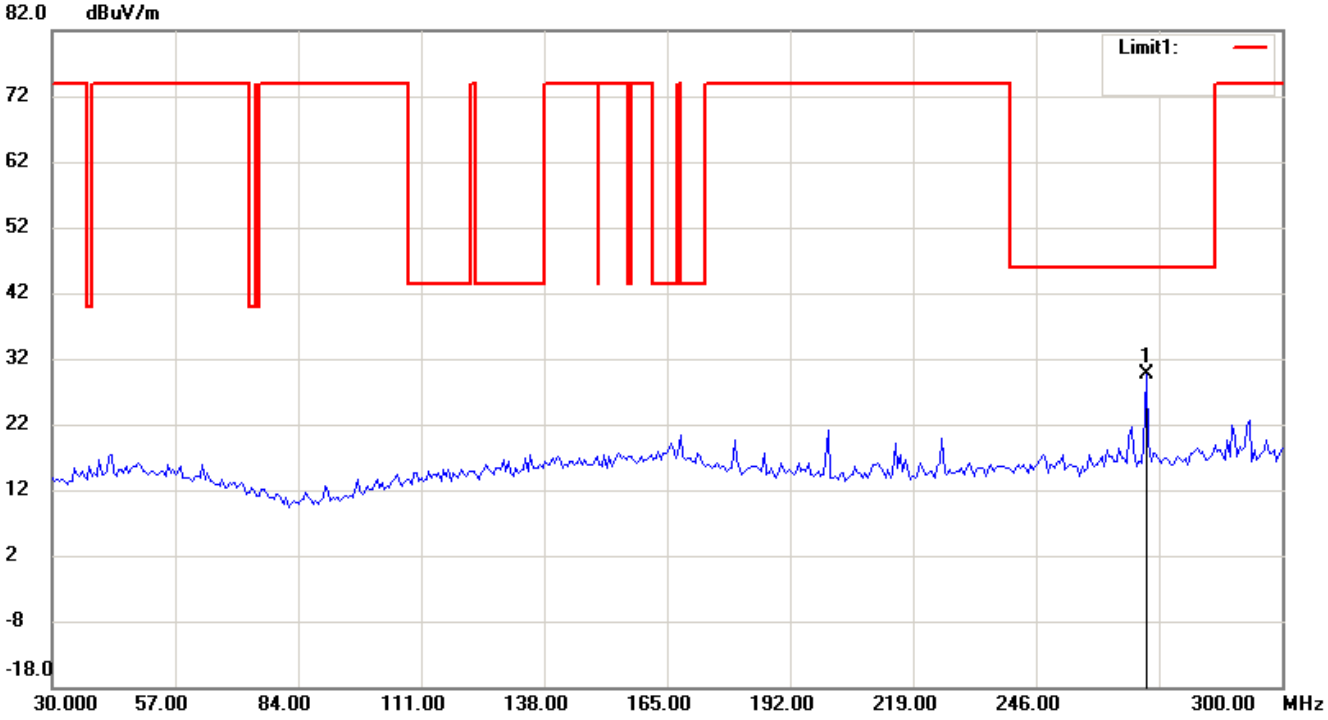
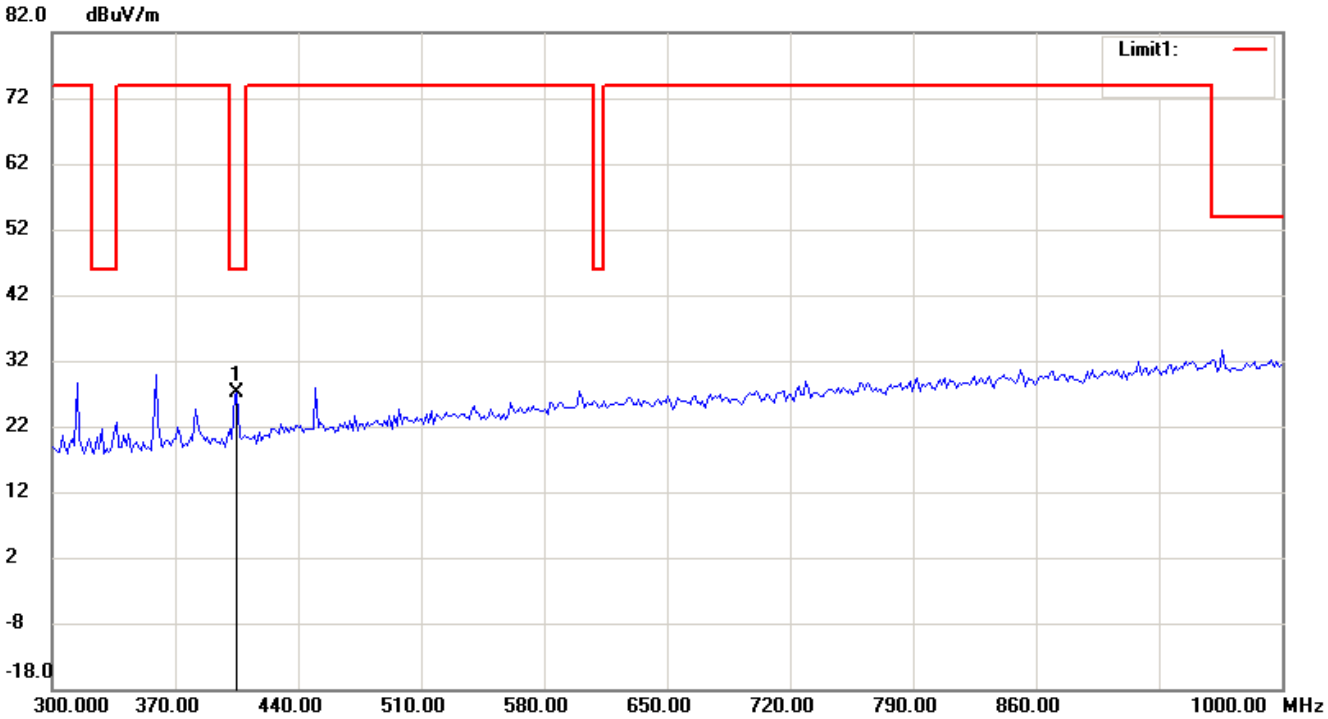
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

WLAN 802.11n(40MHz) 2452MHz
Antenna Polarization H





Up Line: Peak Limit Line Down Line: Ave Limit Line
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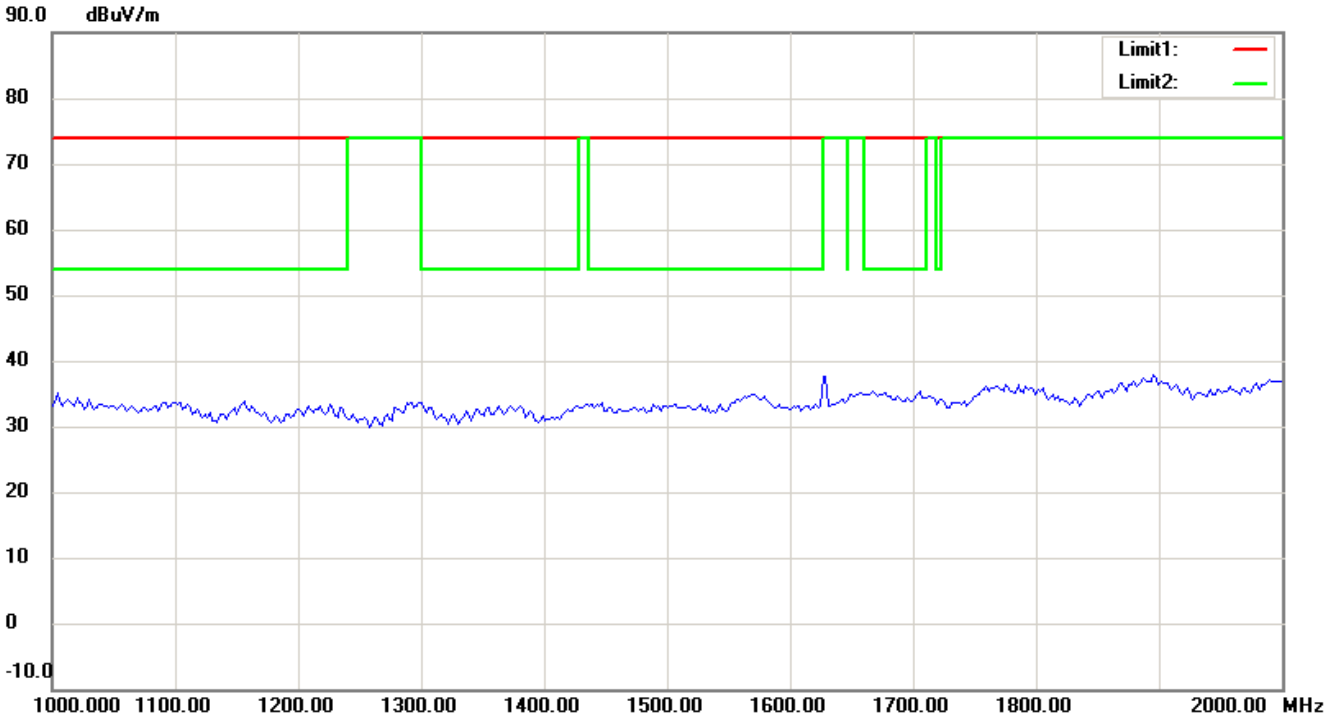
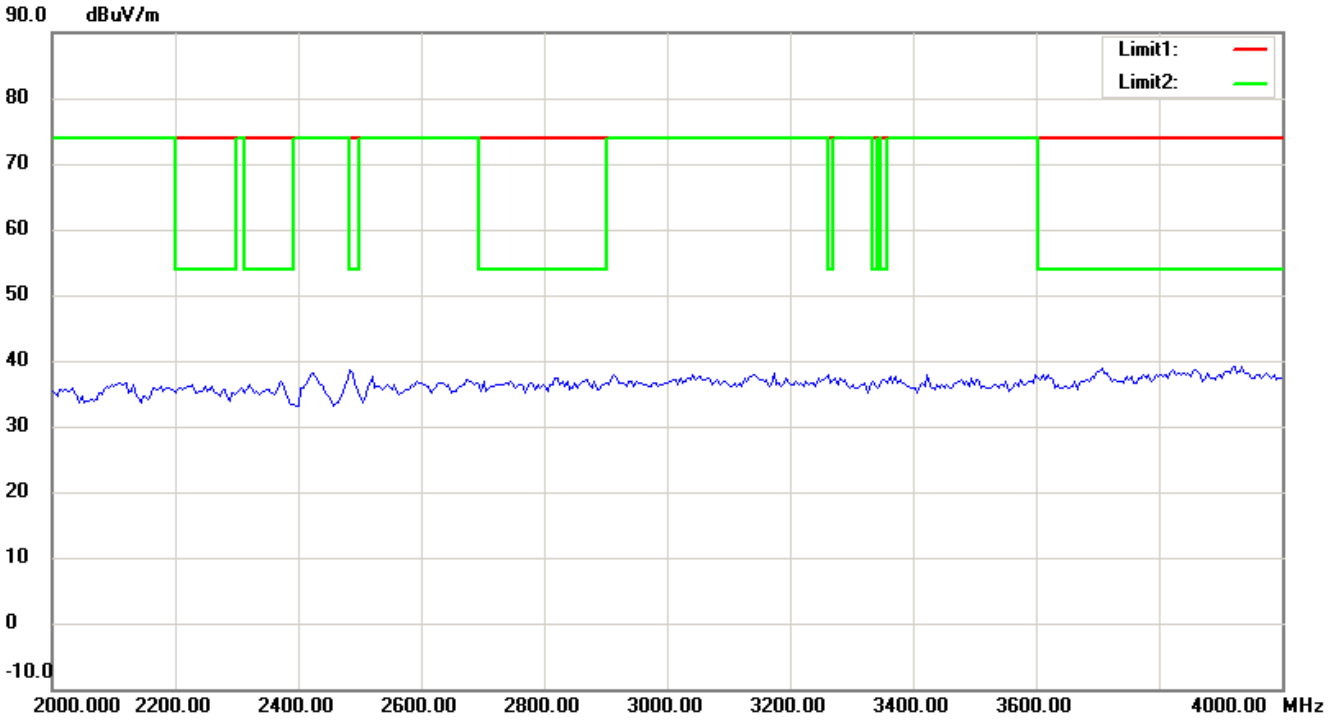
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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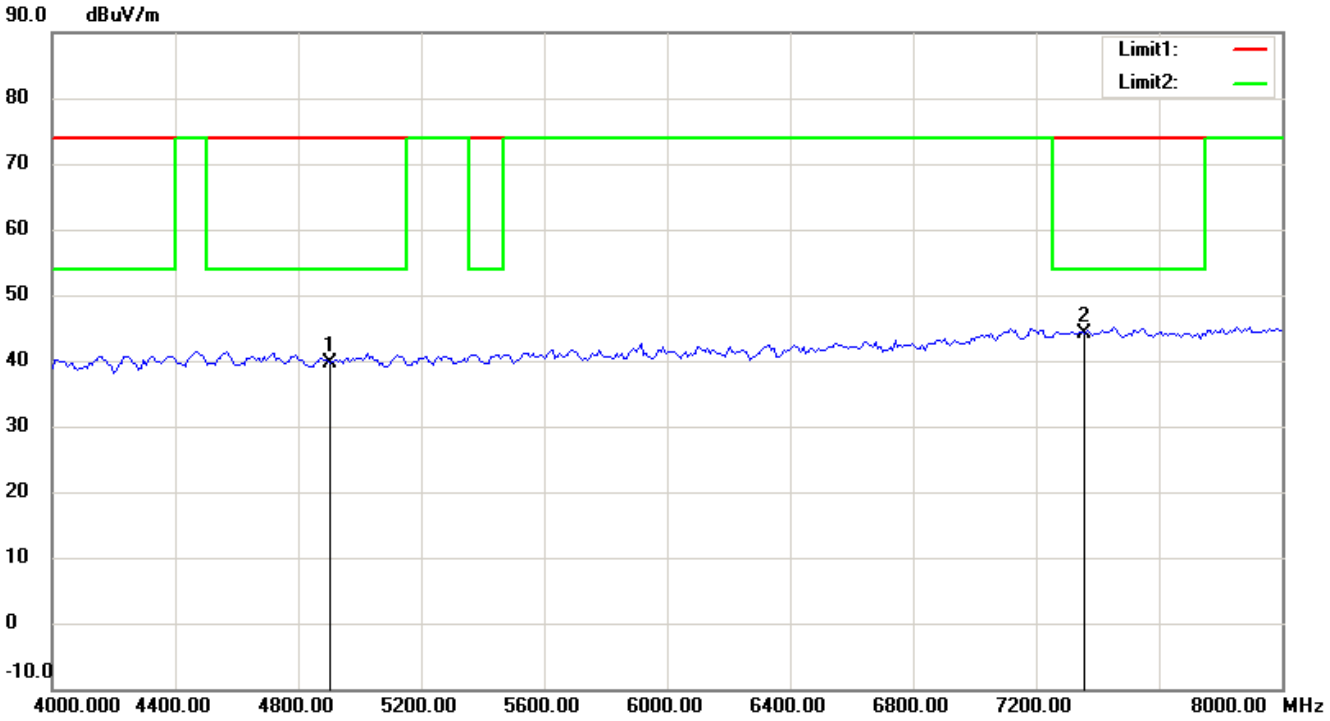
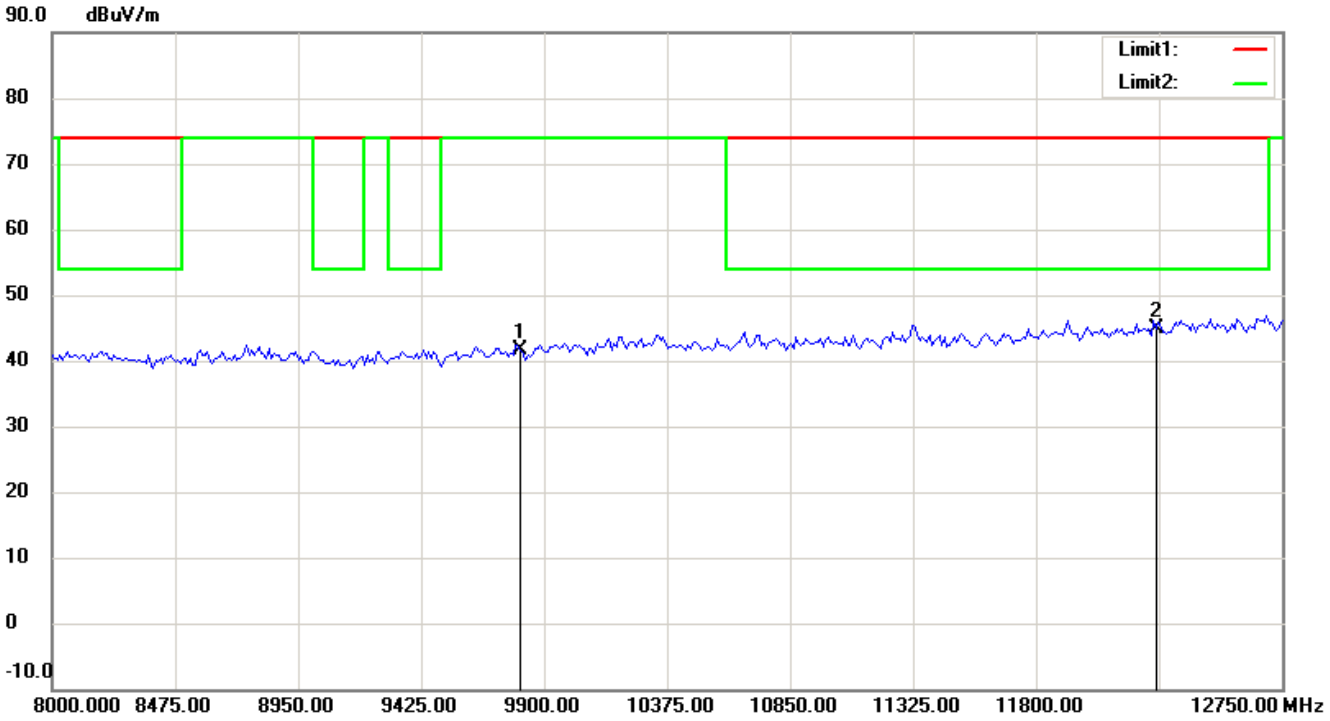
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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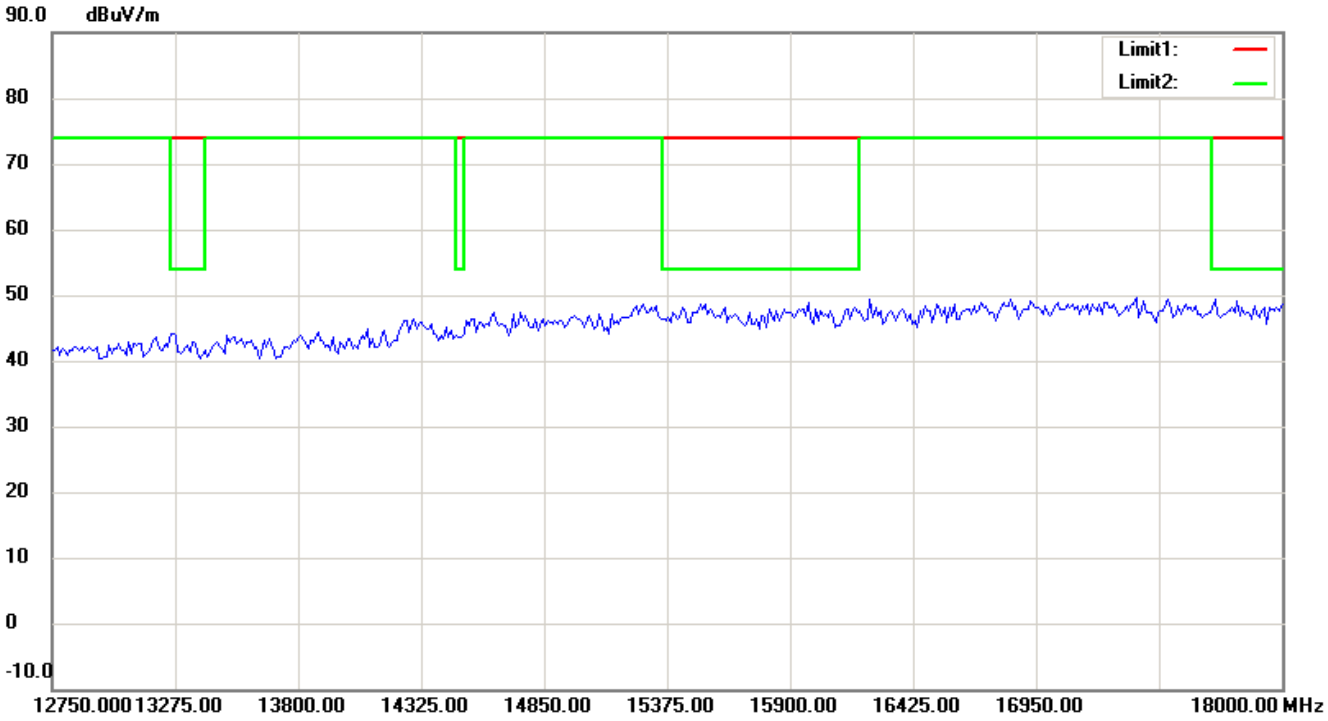
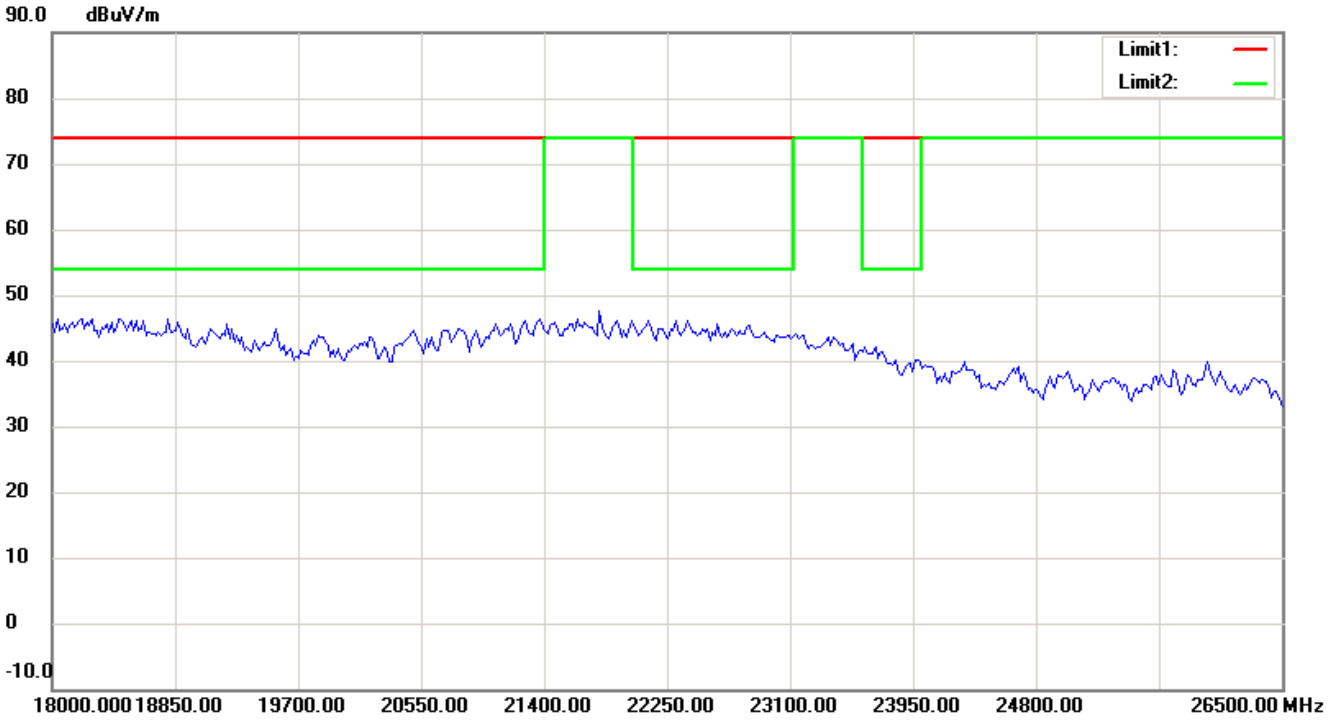
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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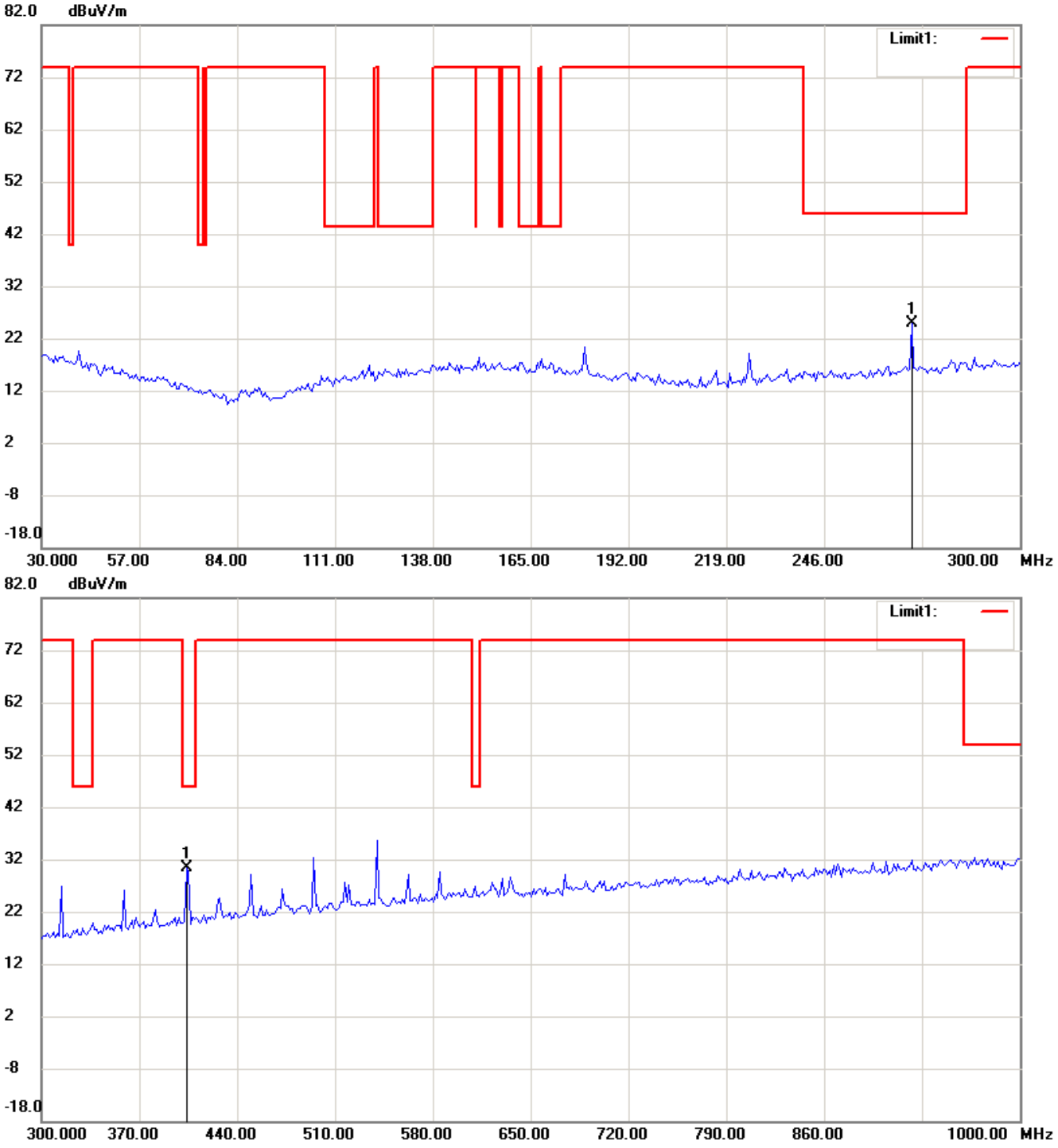
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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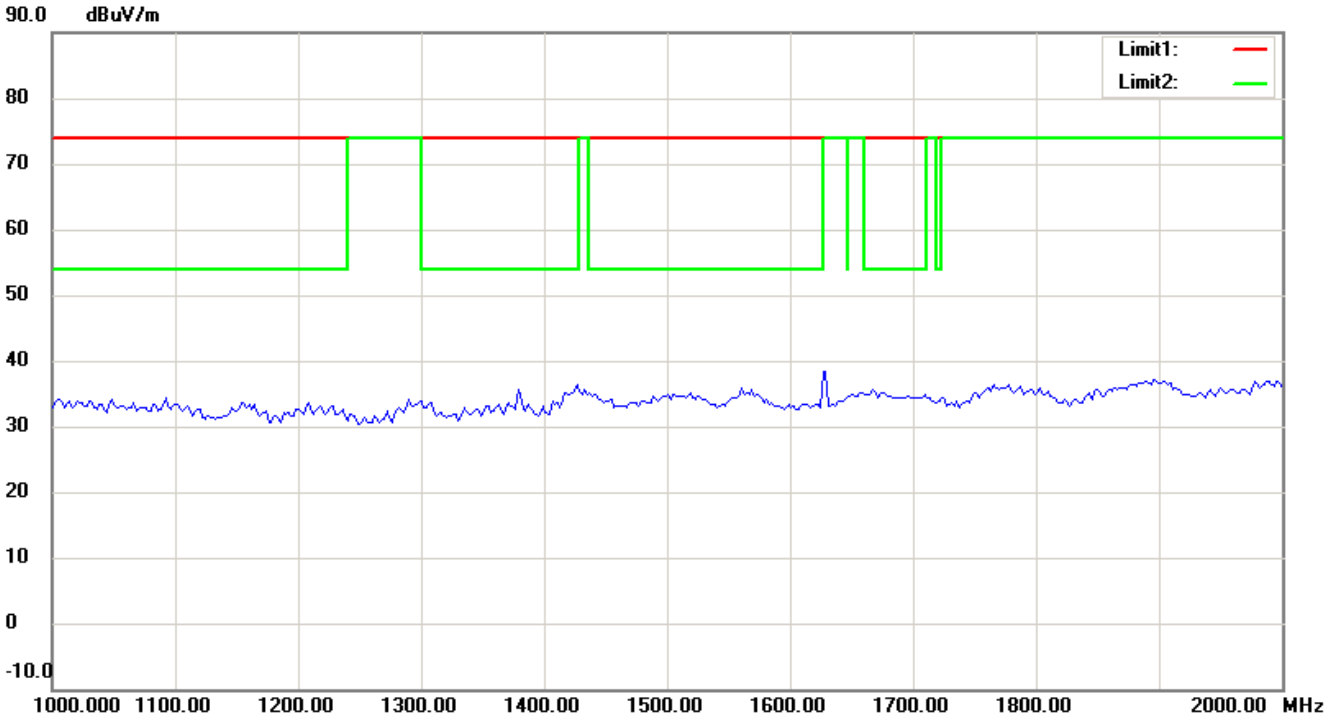
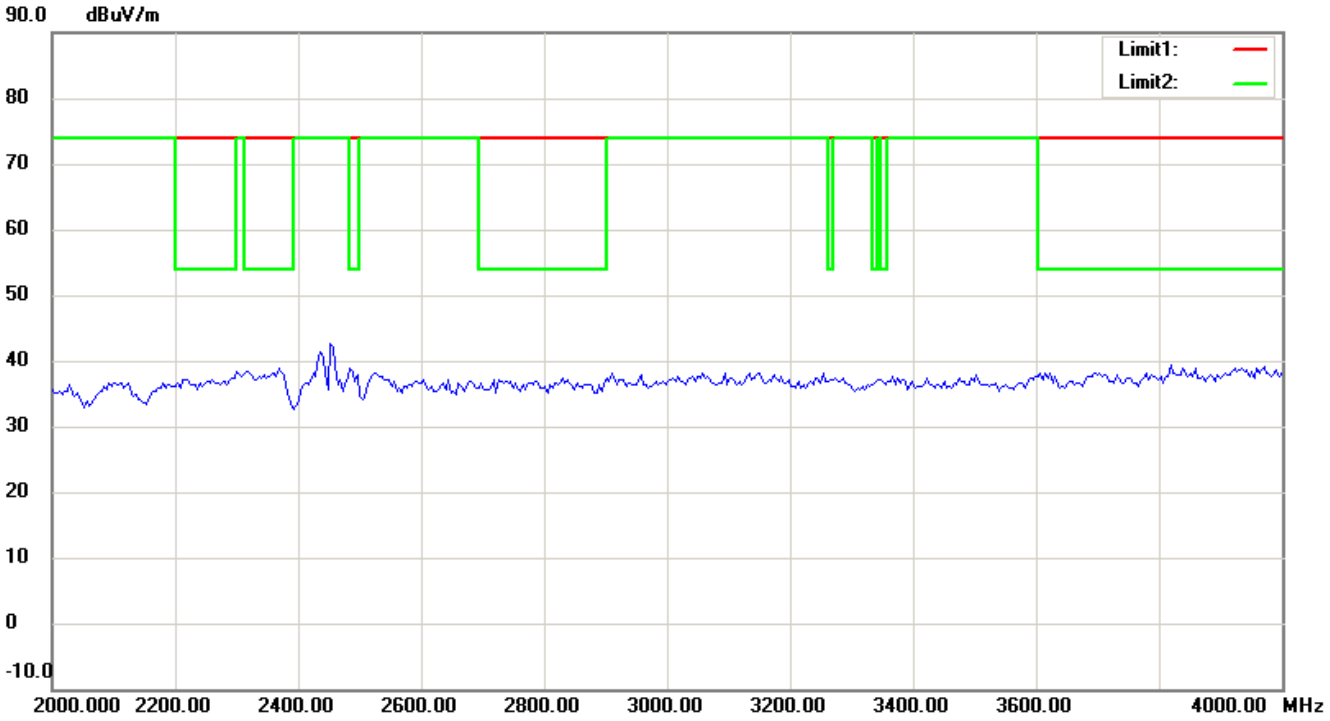
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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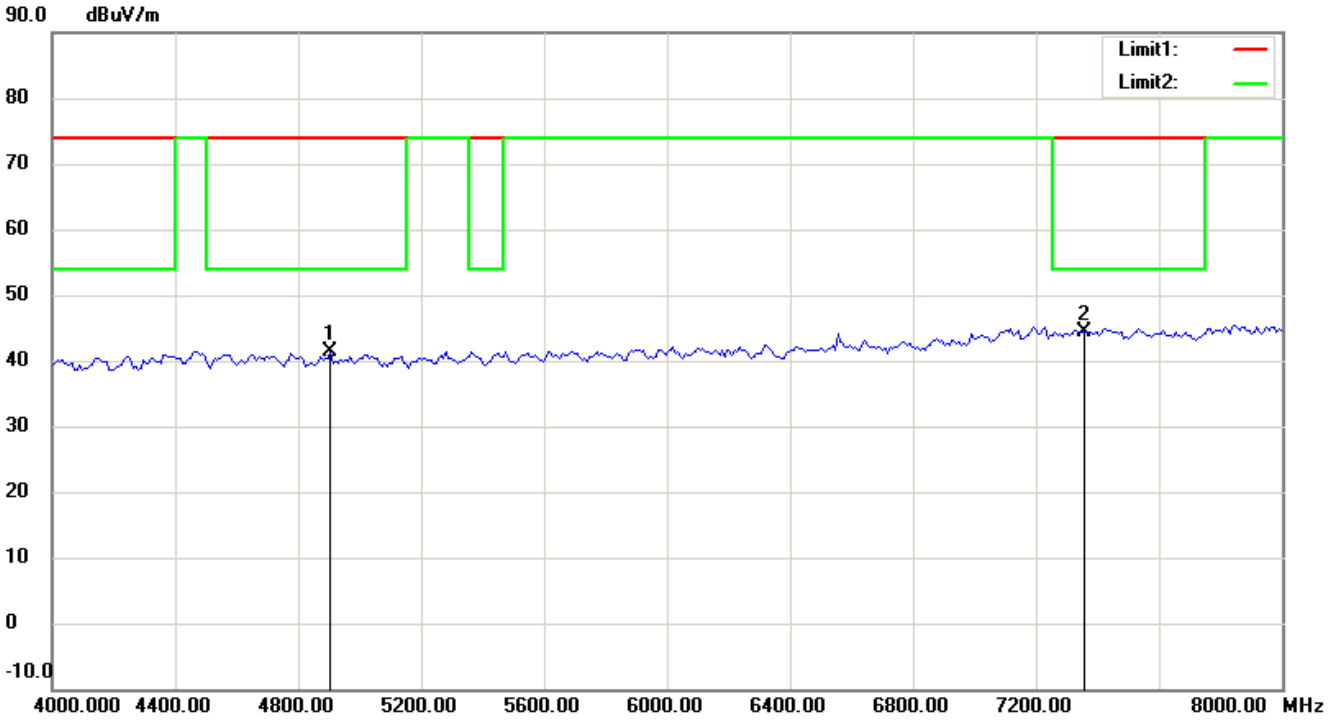
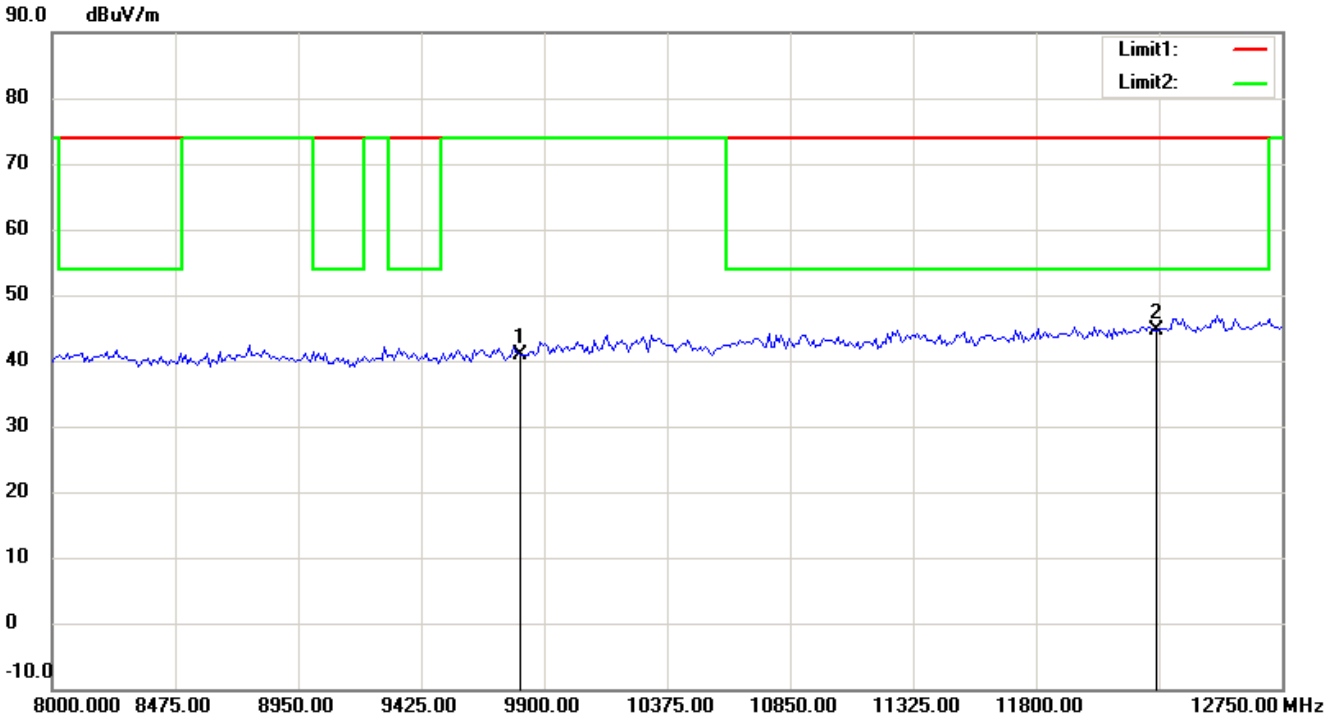
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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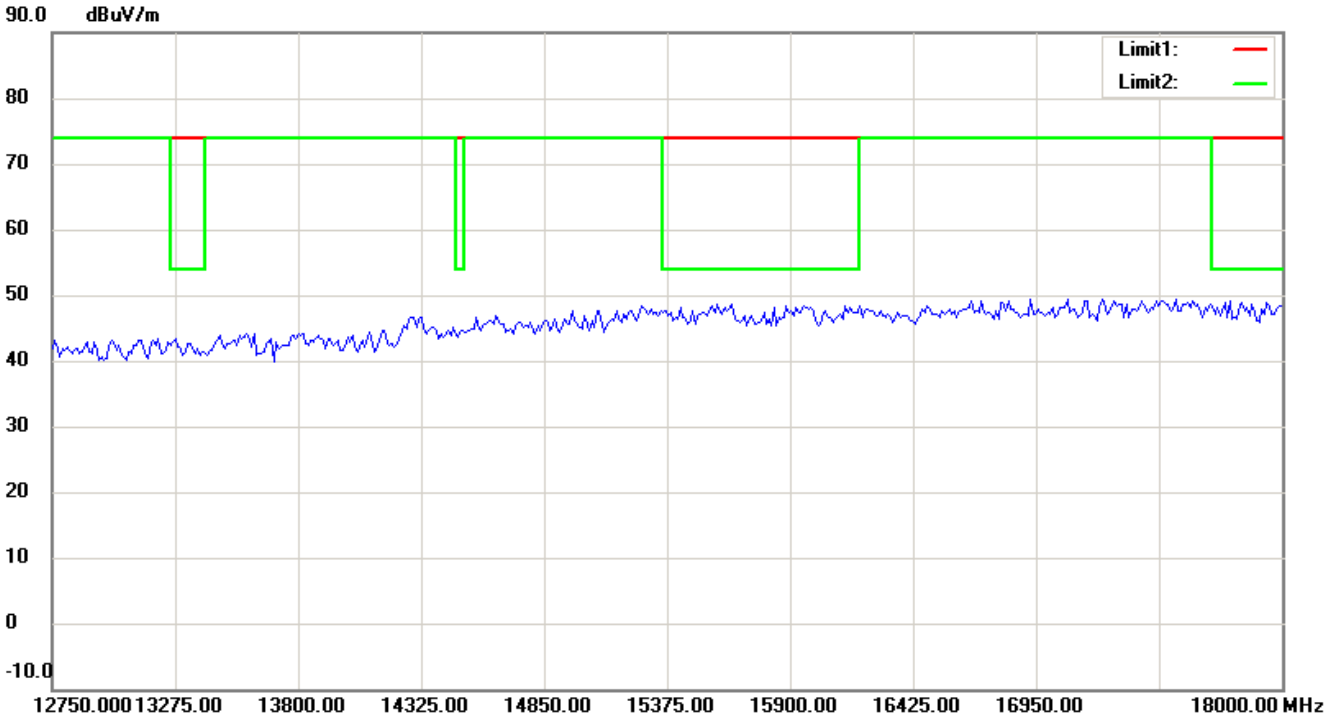
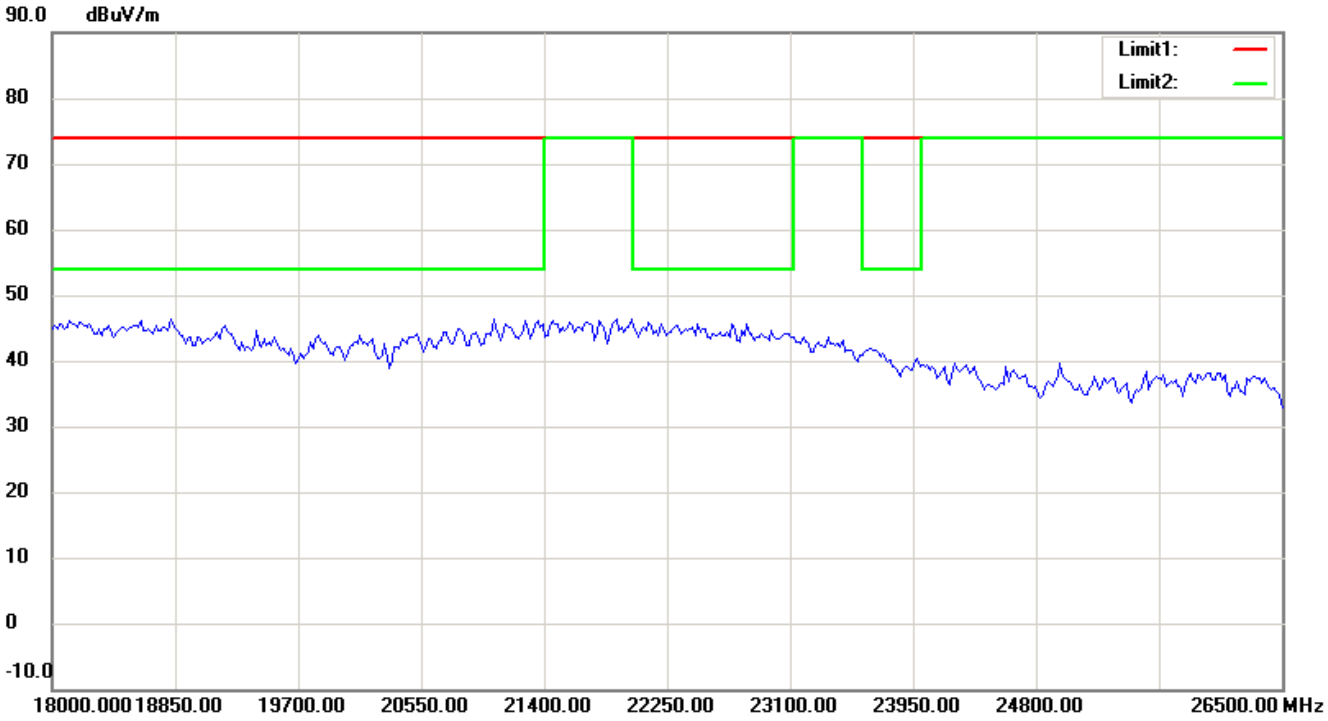
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





Up Line: Peak Limit Line Down Line: Ave Limit Line
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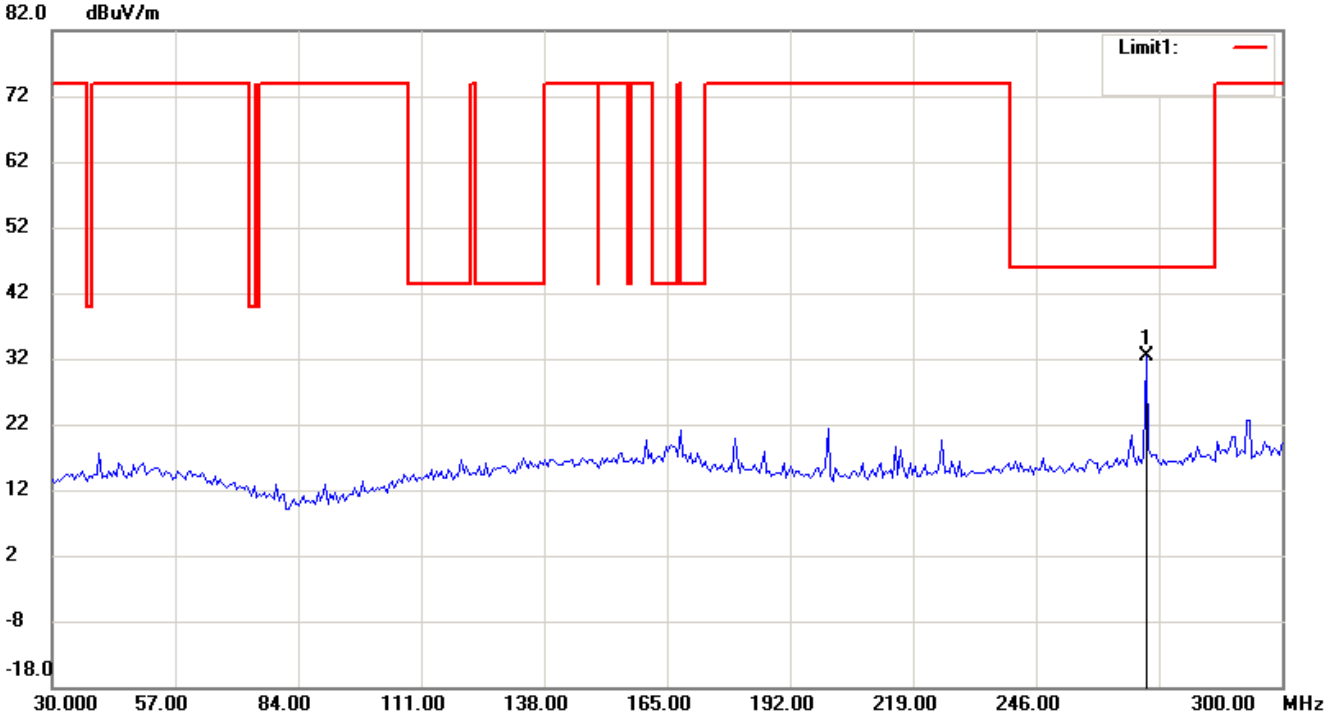
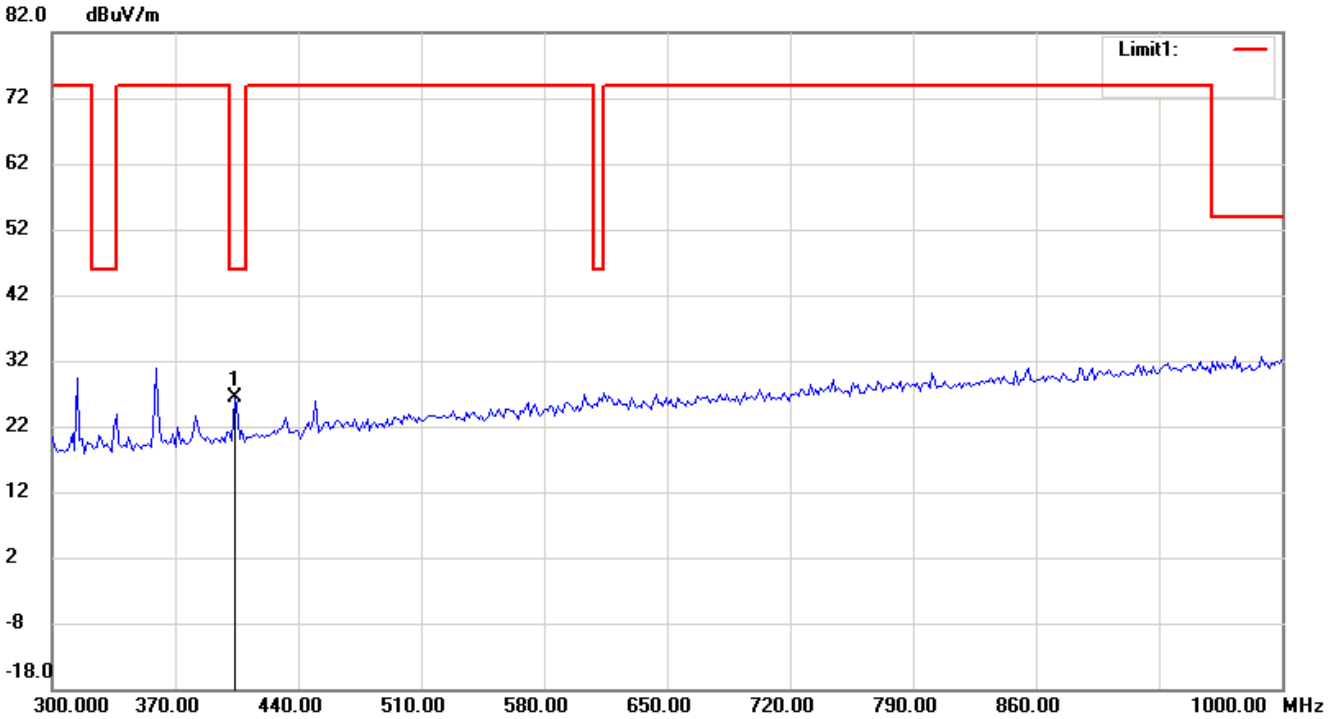
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Bluetooth 2.1 2402 MHz
Antenna Polarization H





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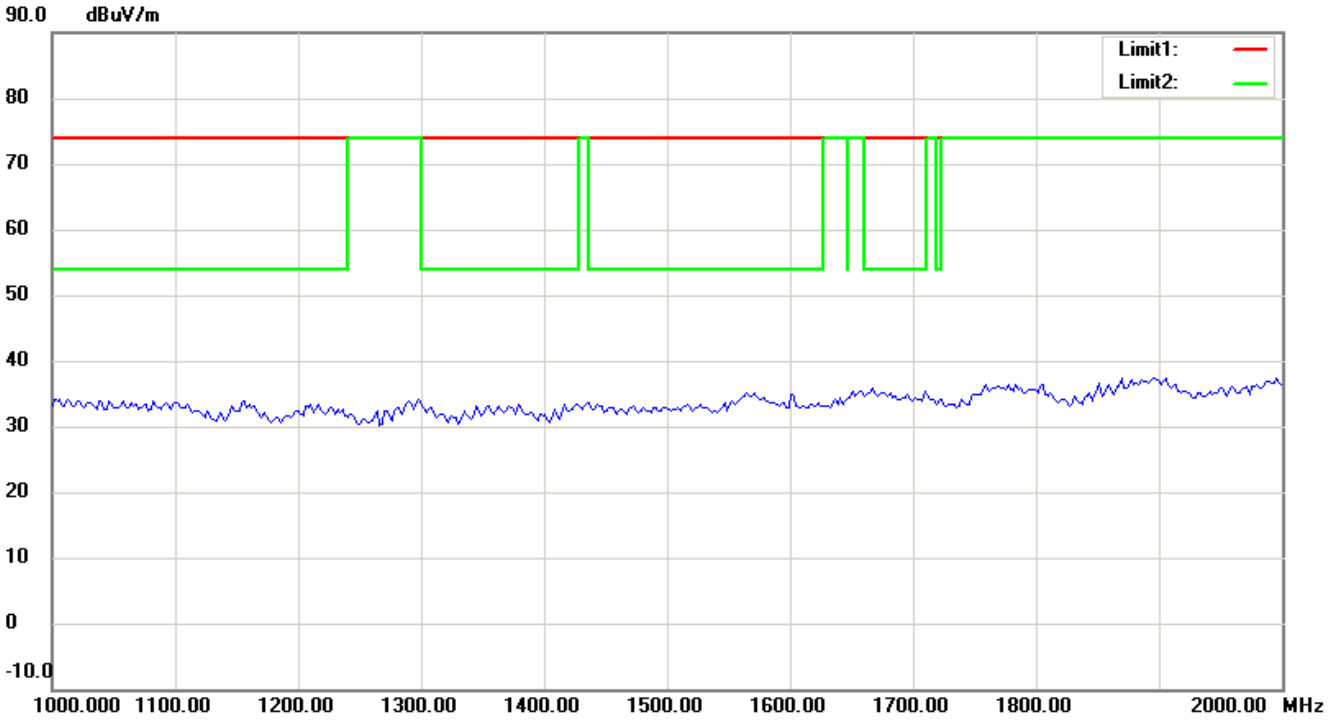
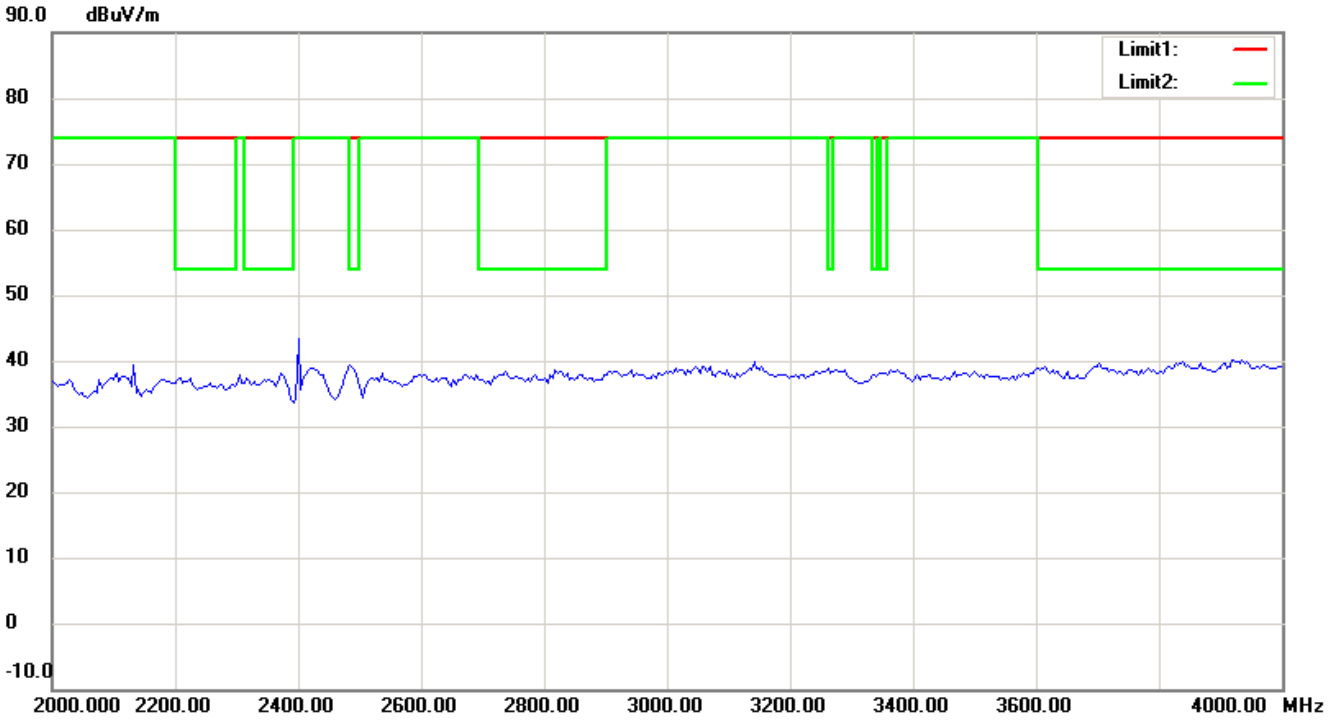
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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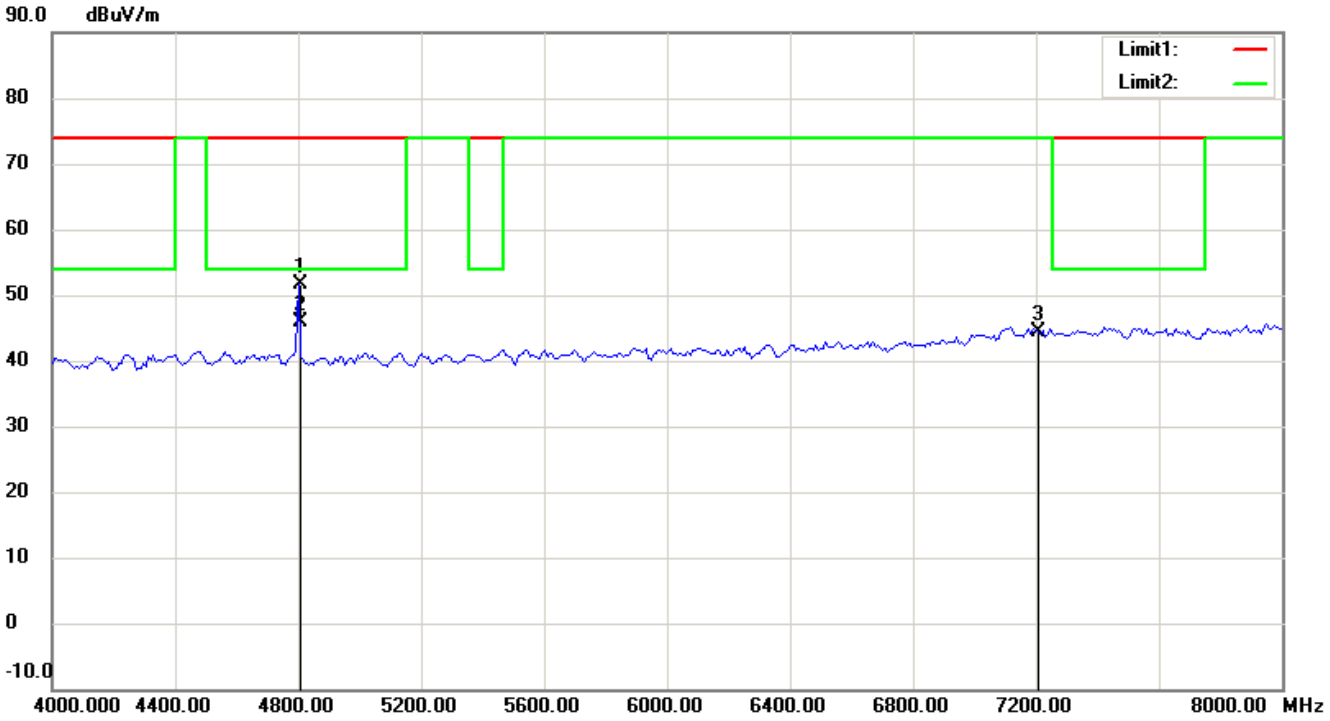
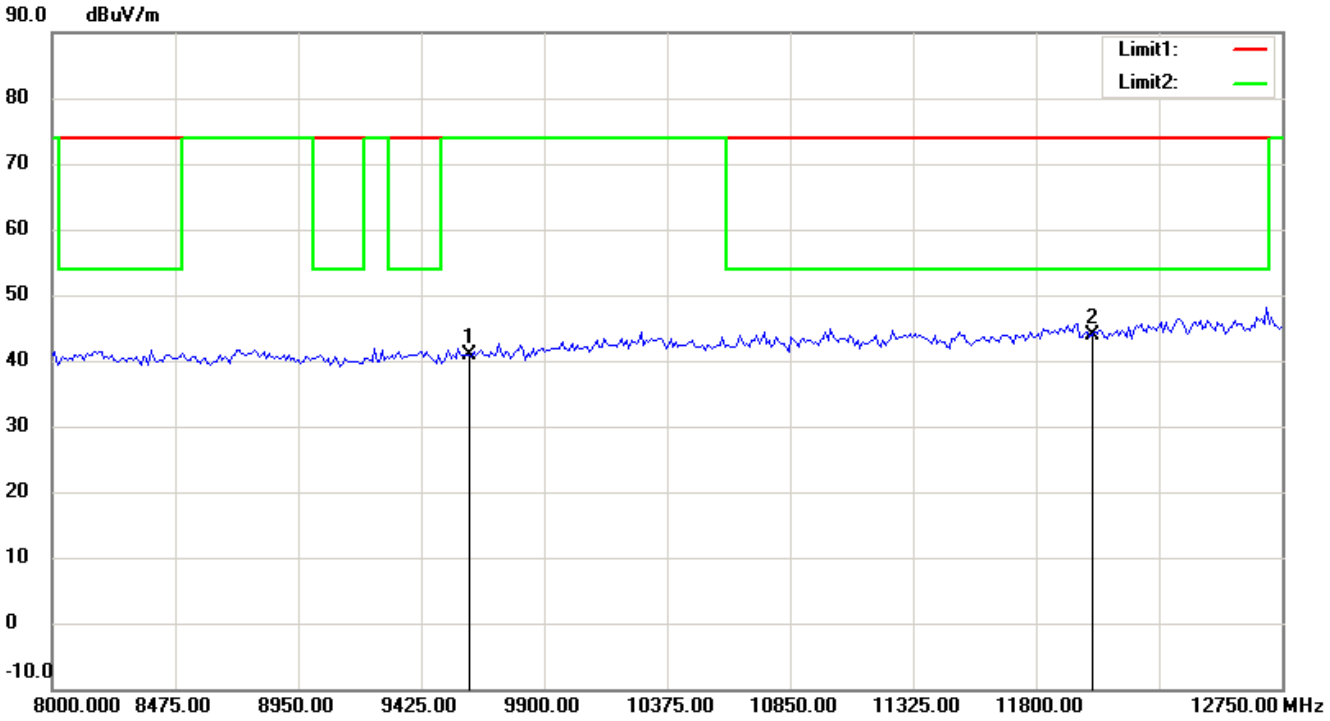
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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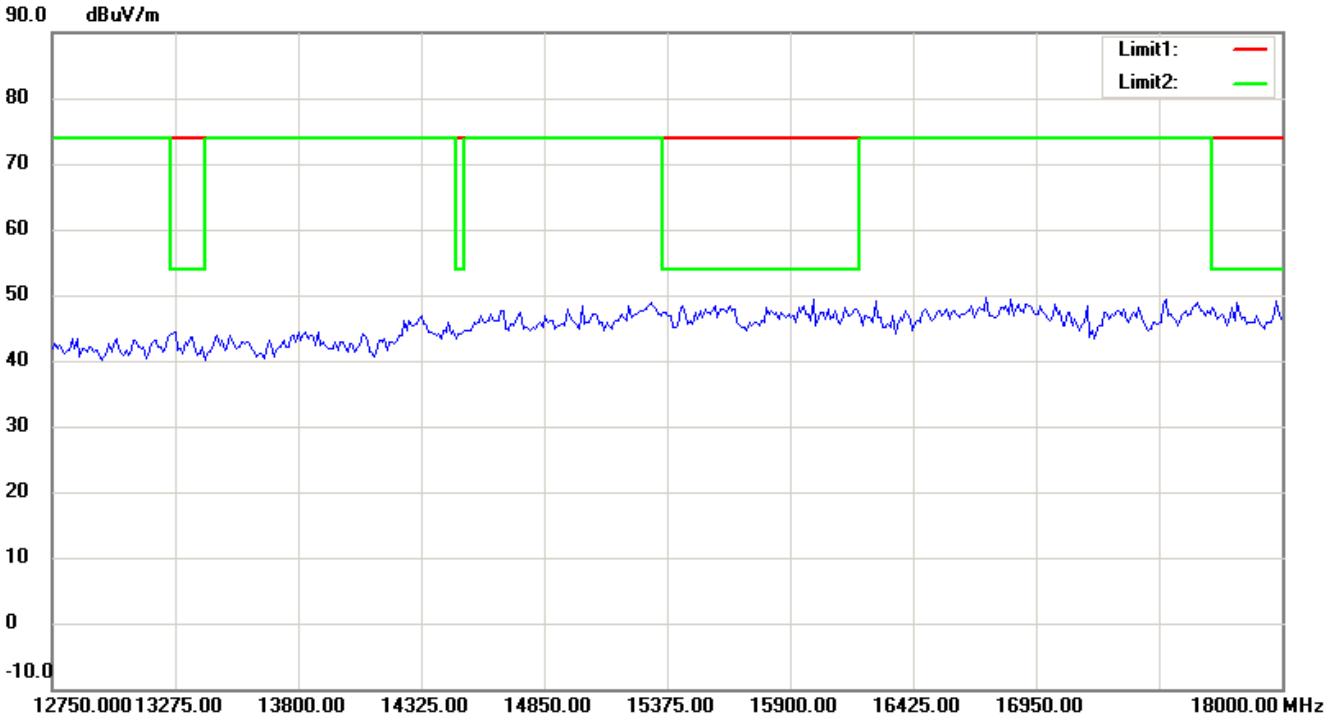
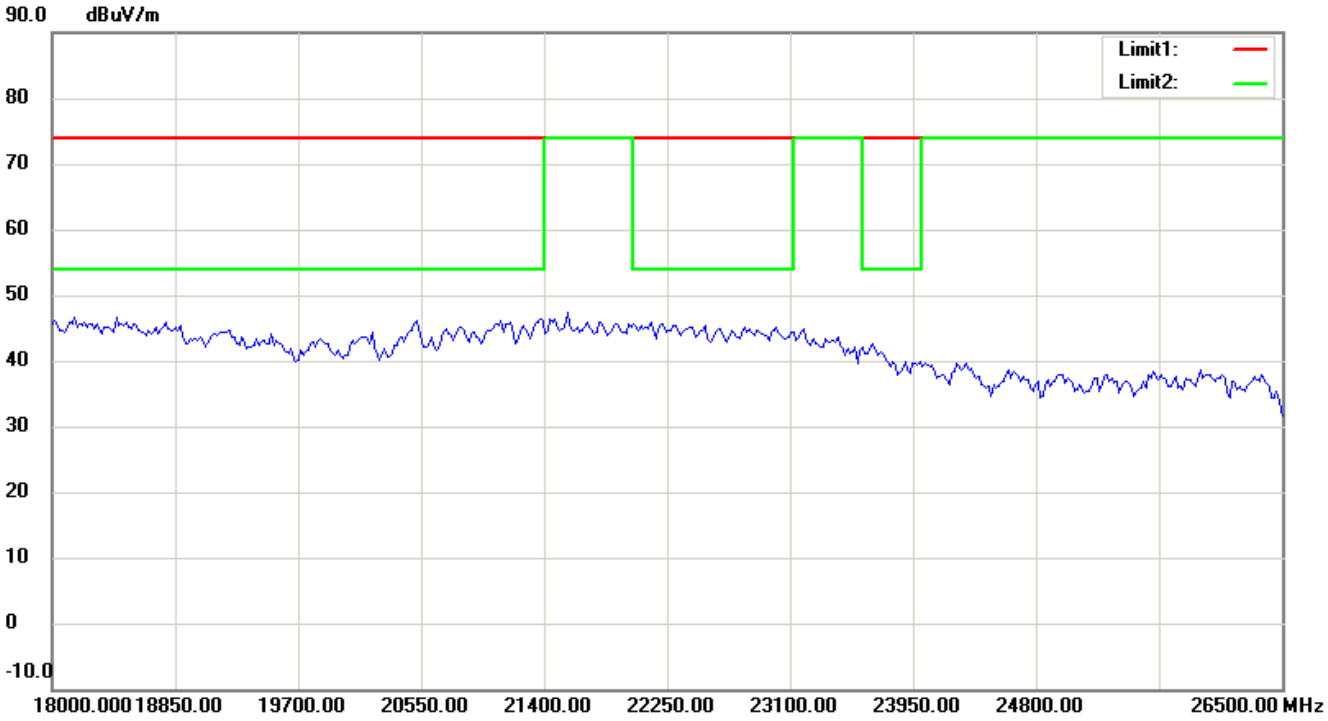
FCC ID: IR5DT6





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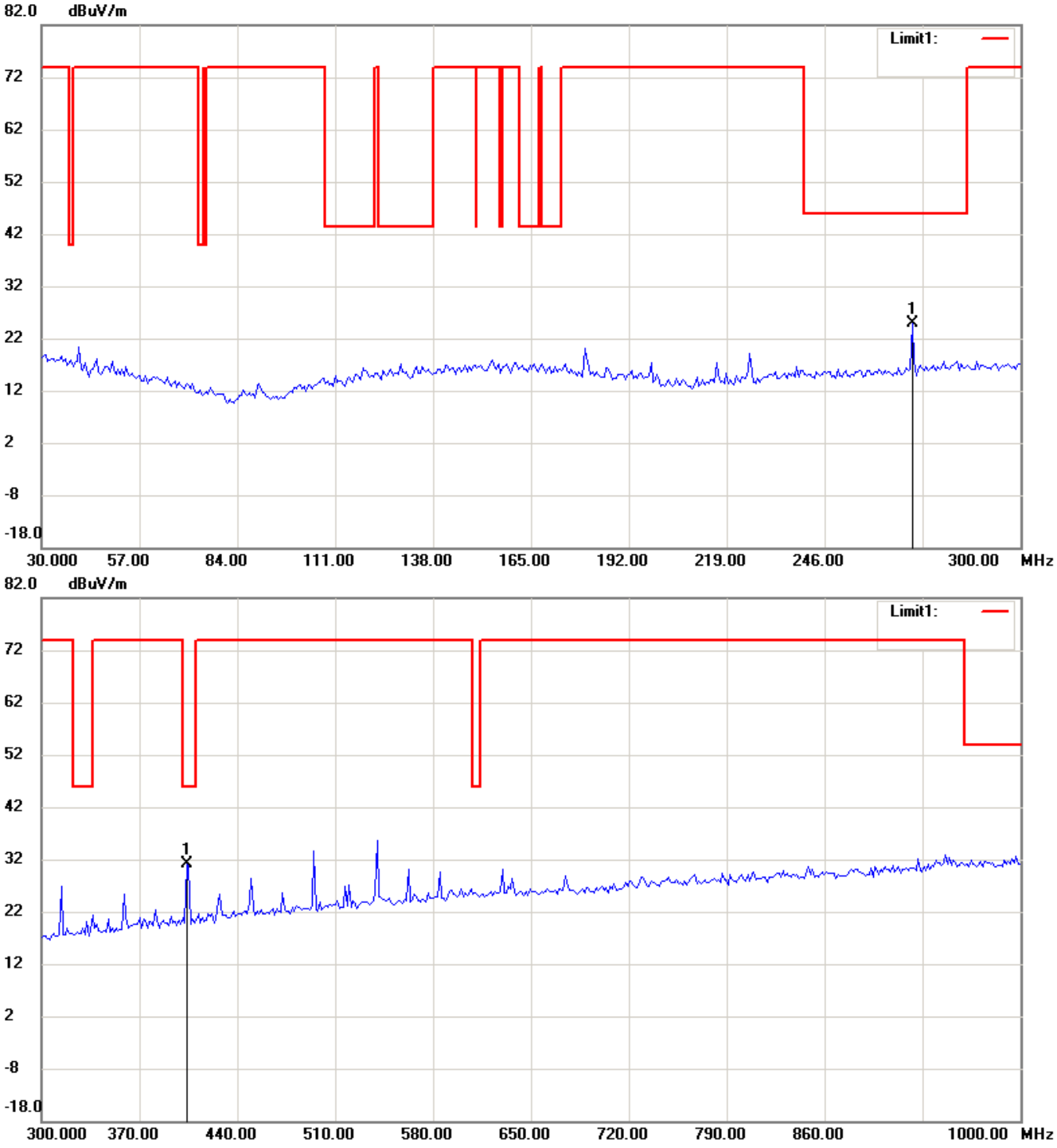
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



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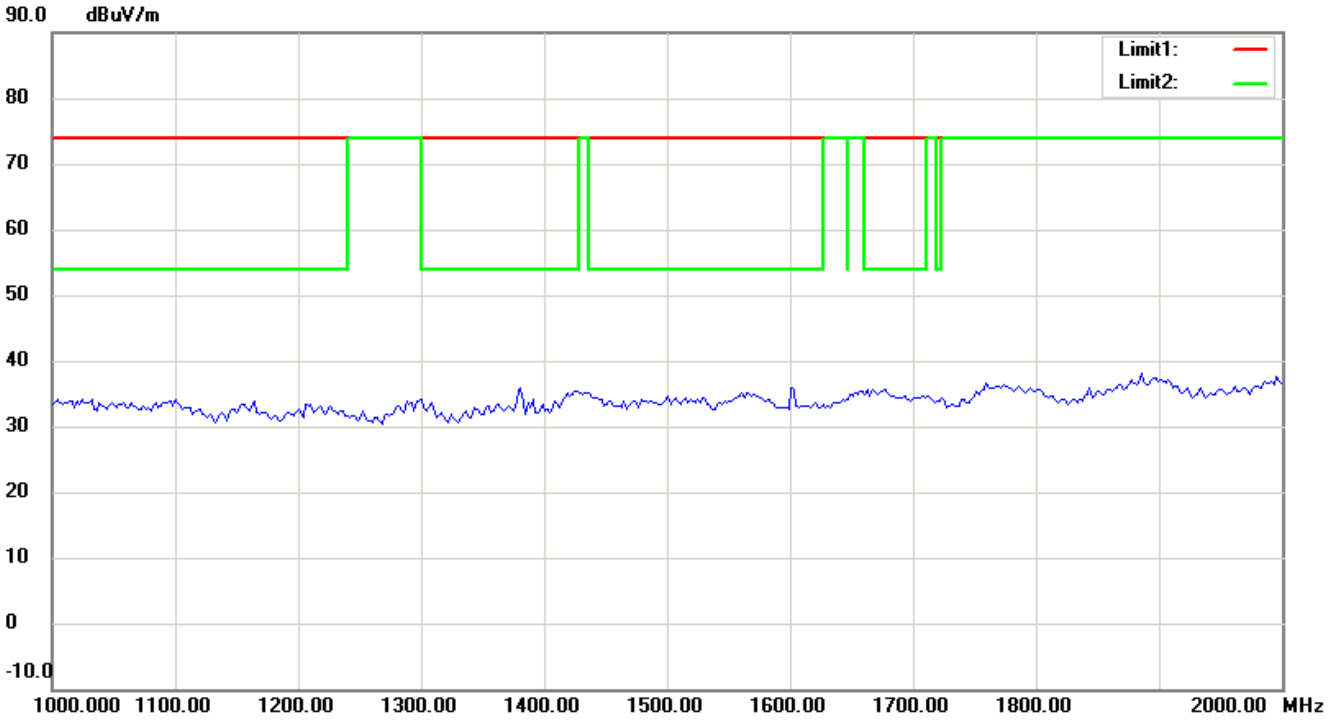
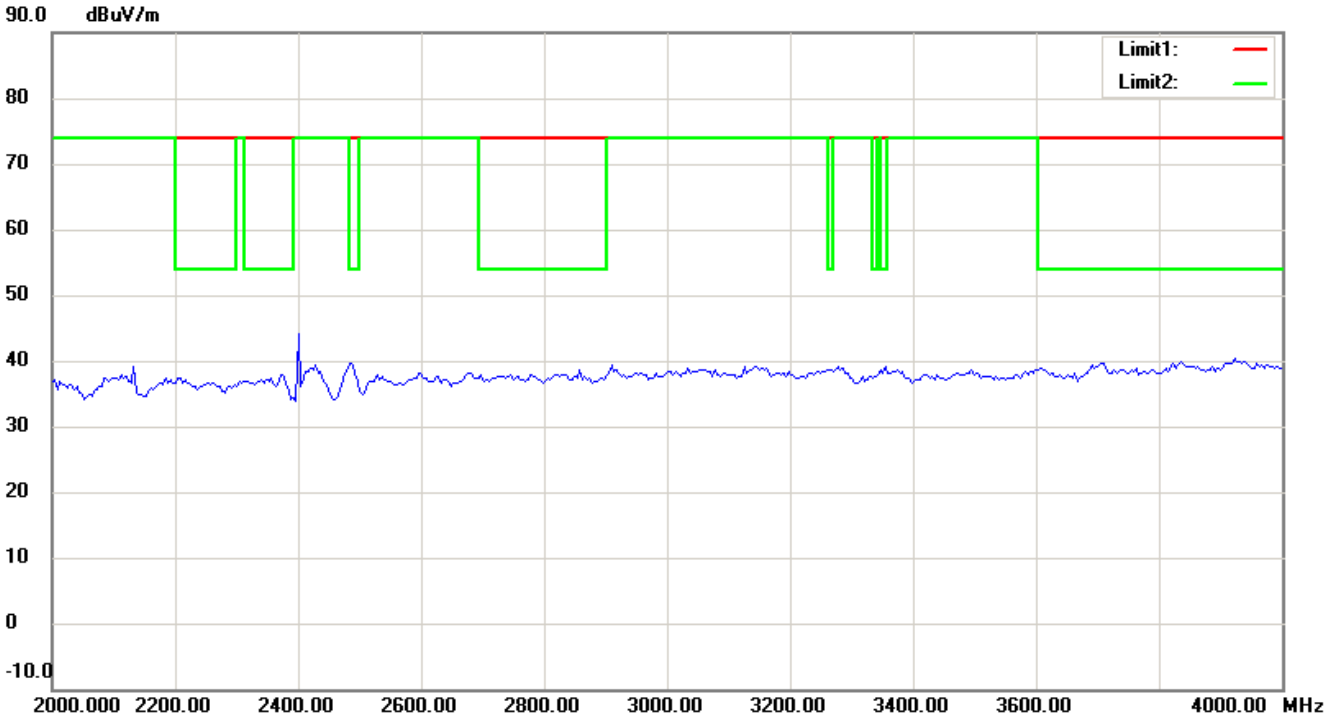
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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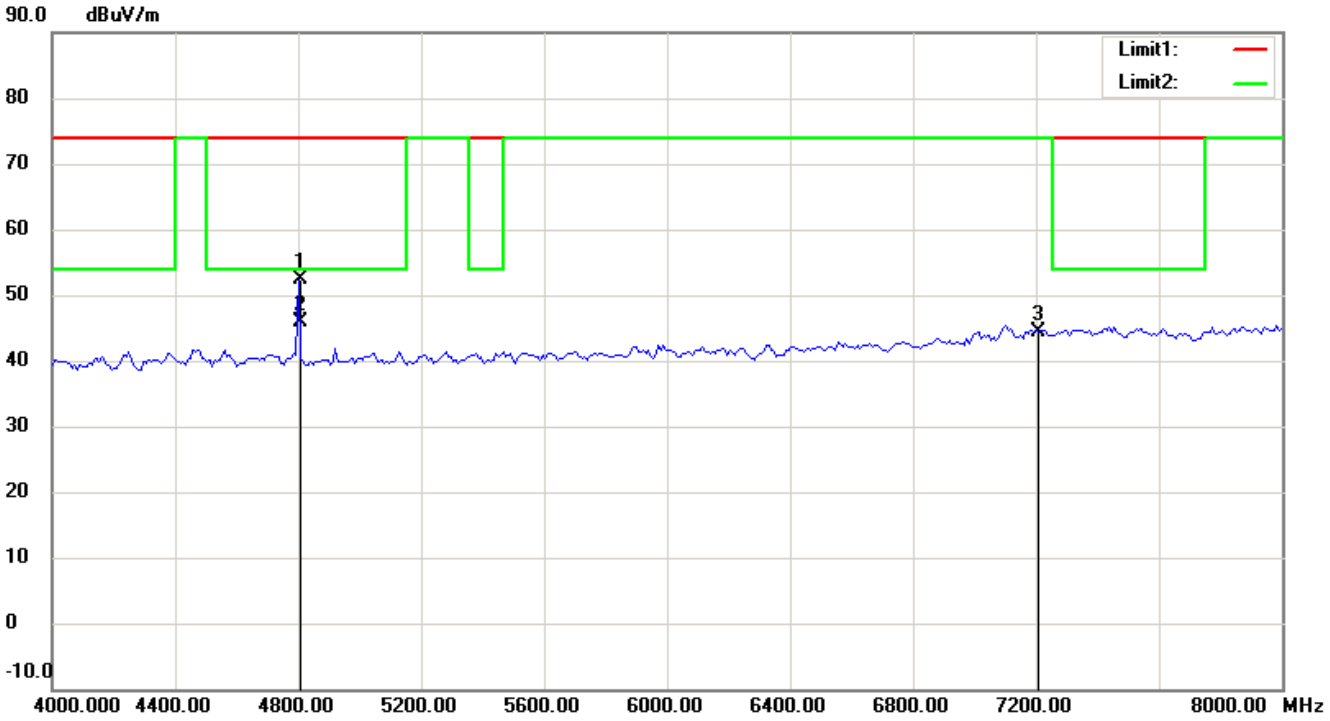
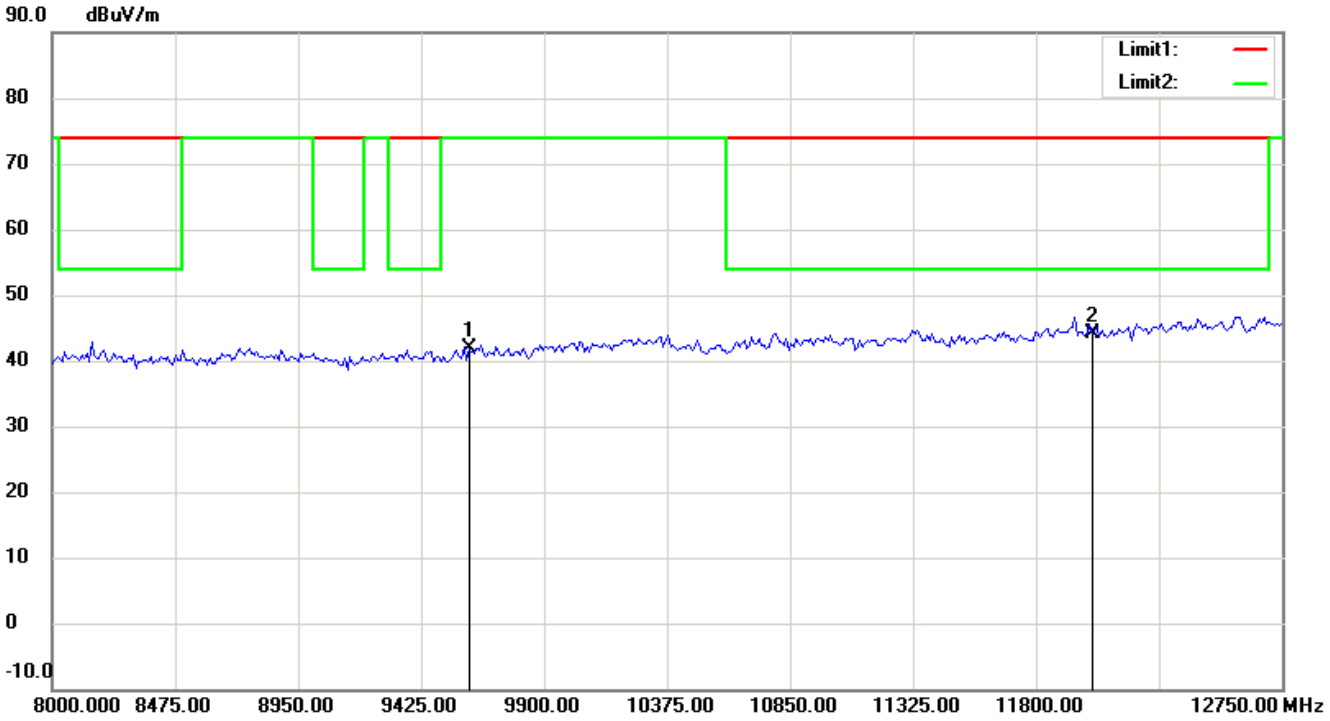
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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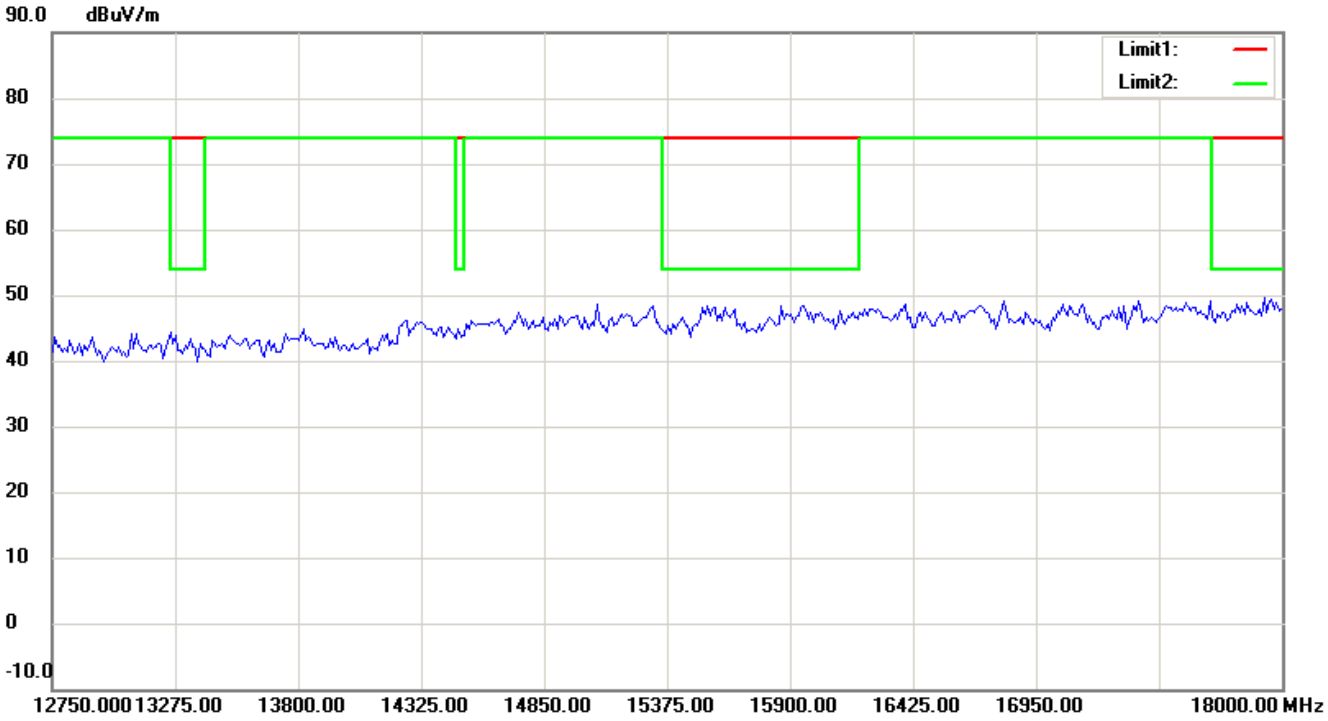

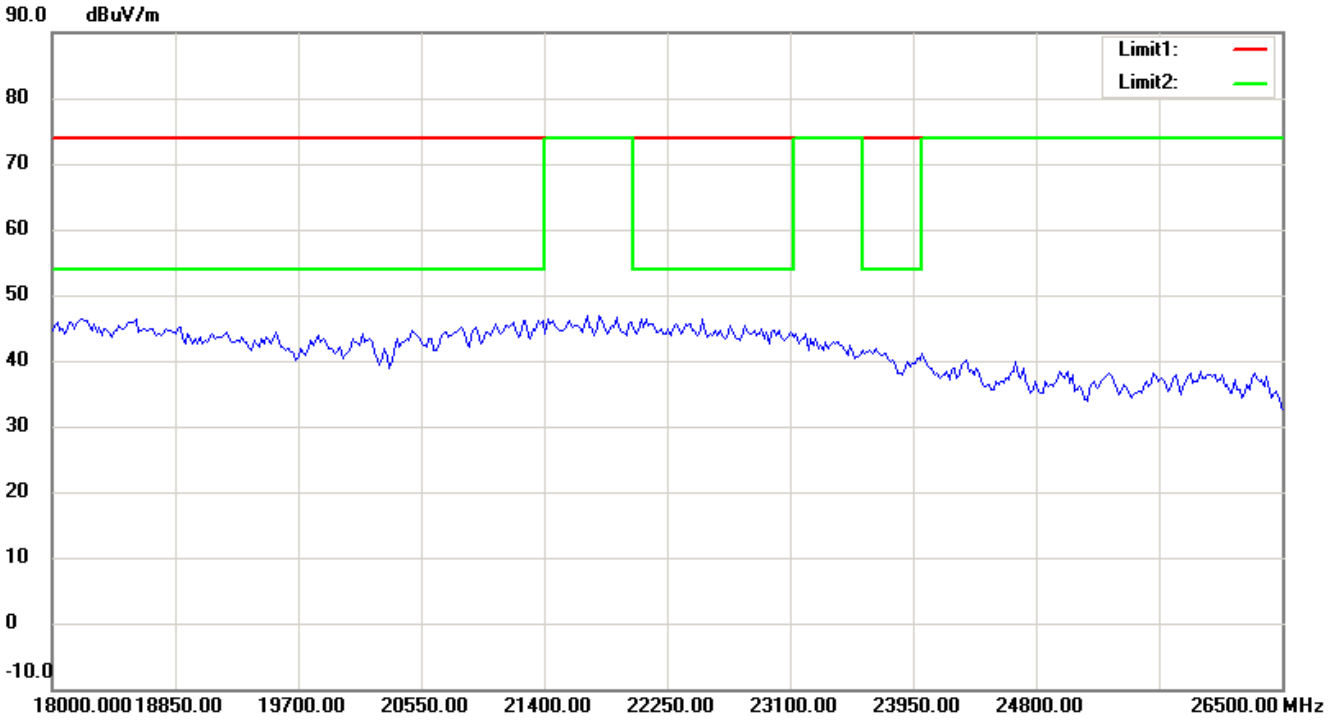

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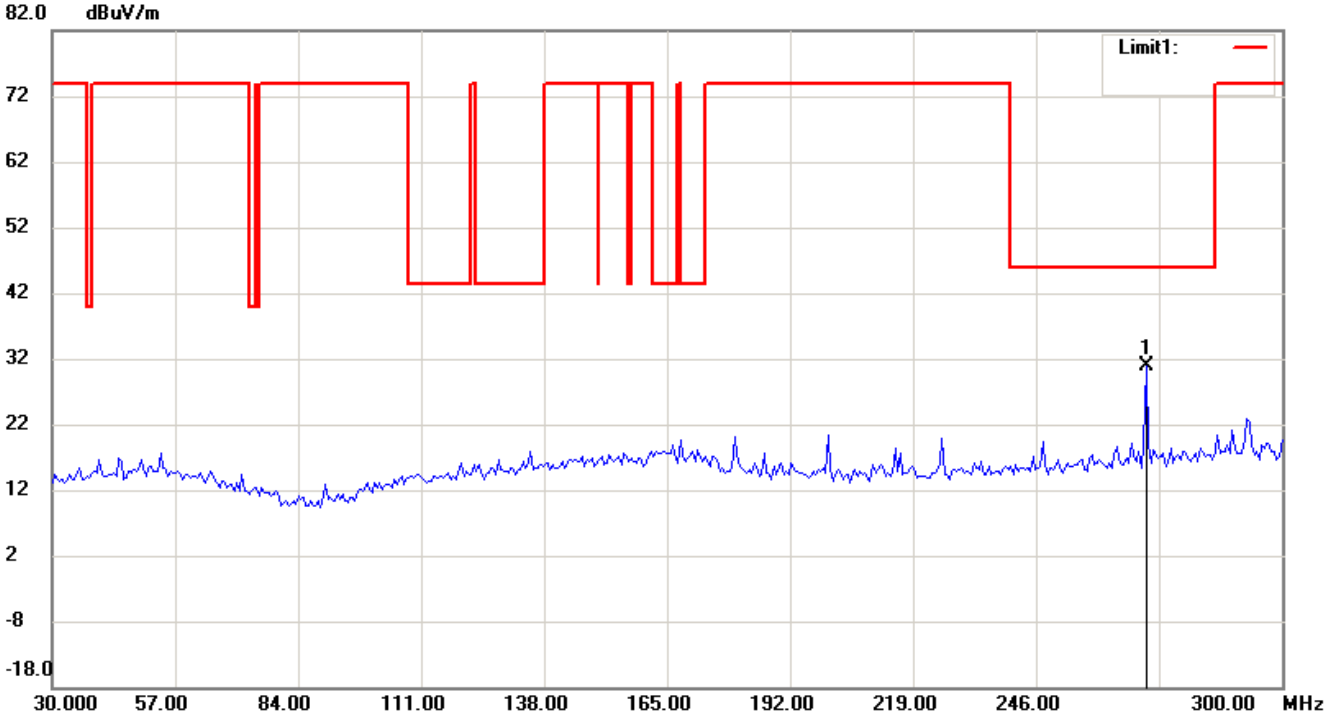
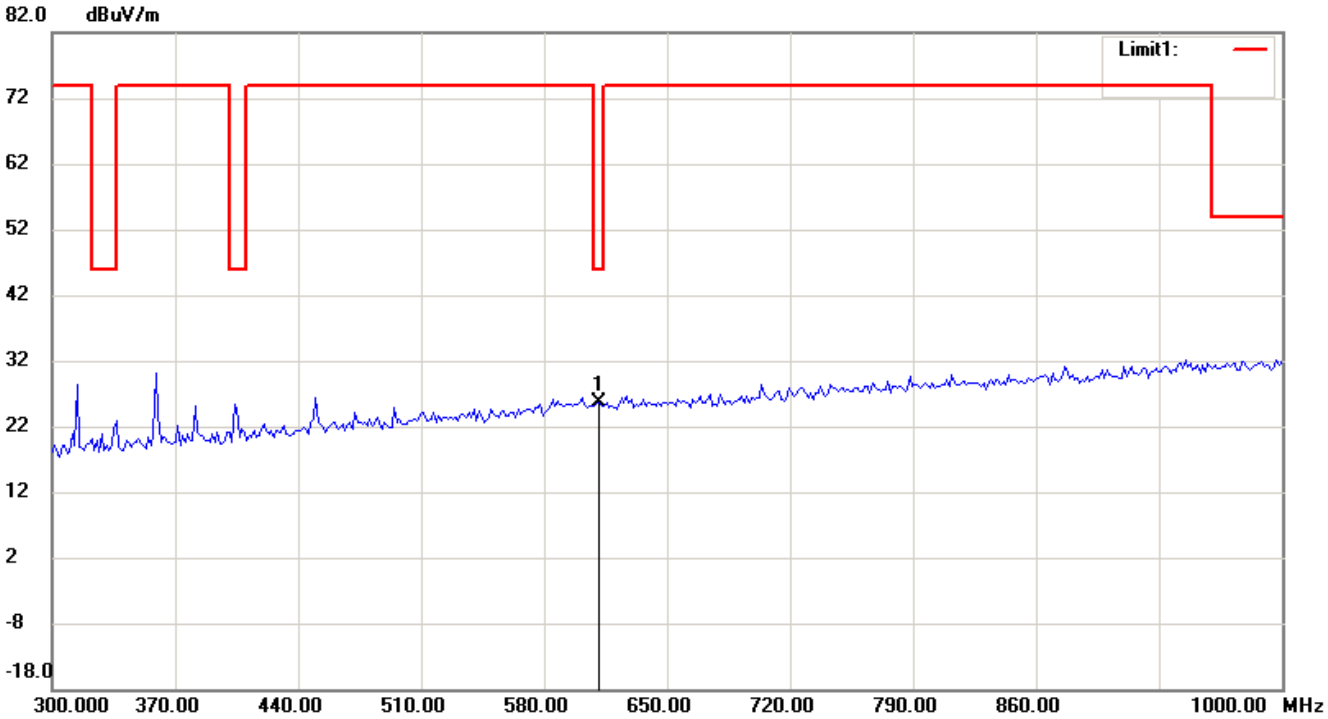
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Bluetooth 2.1 2441 MHz
Antenna Polarization H





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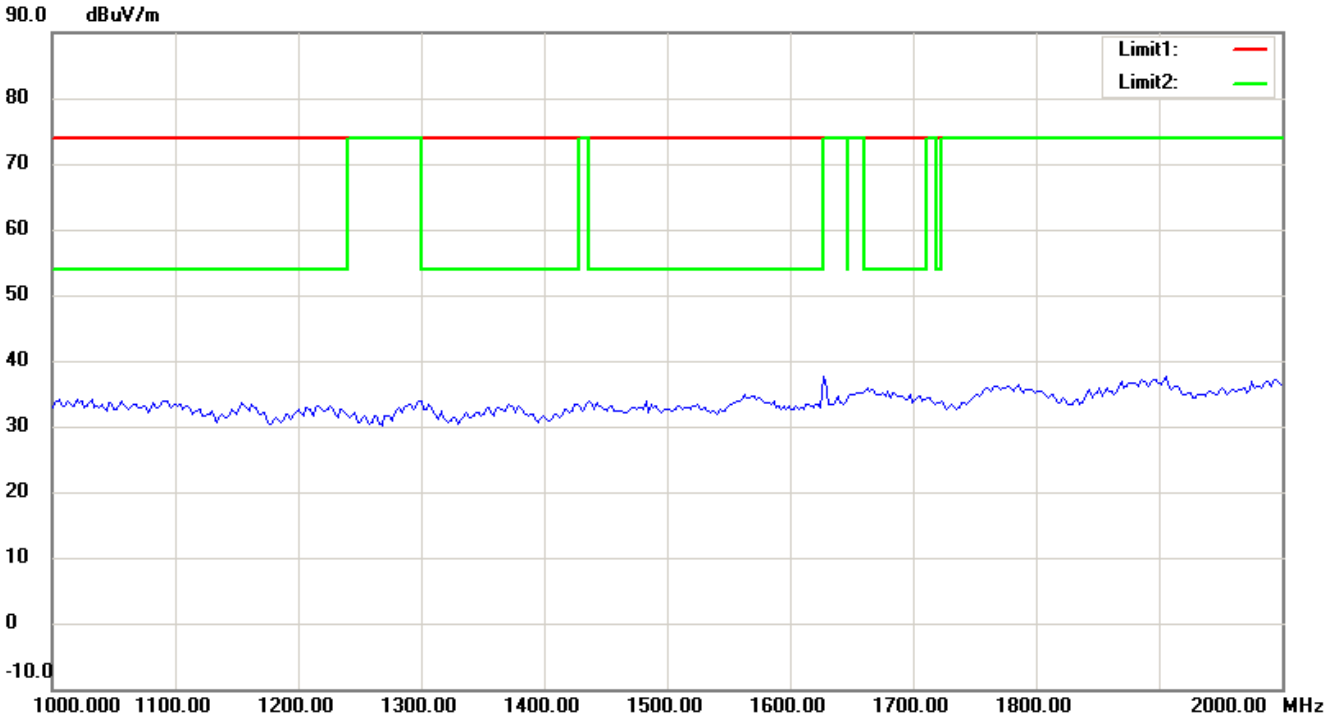
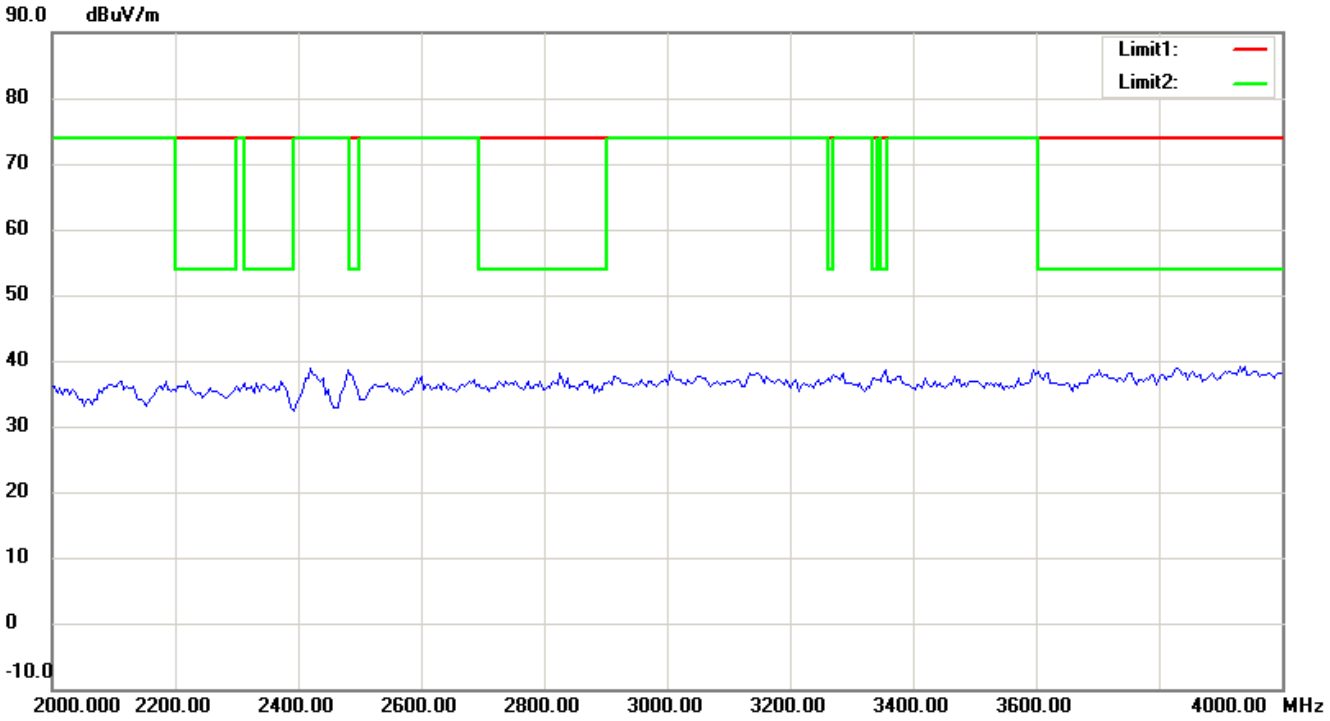
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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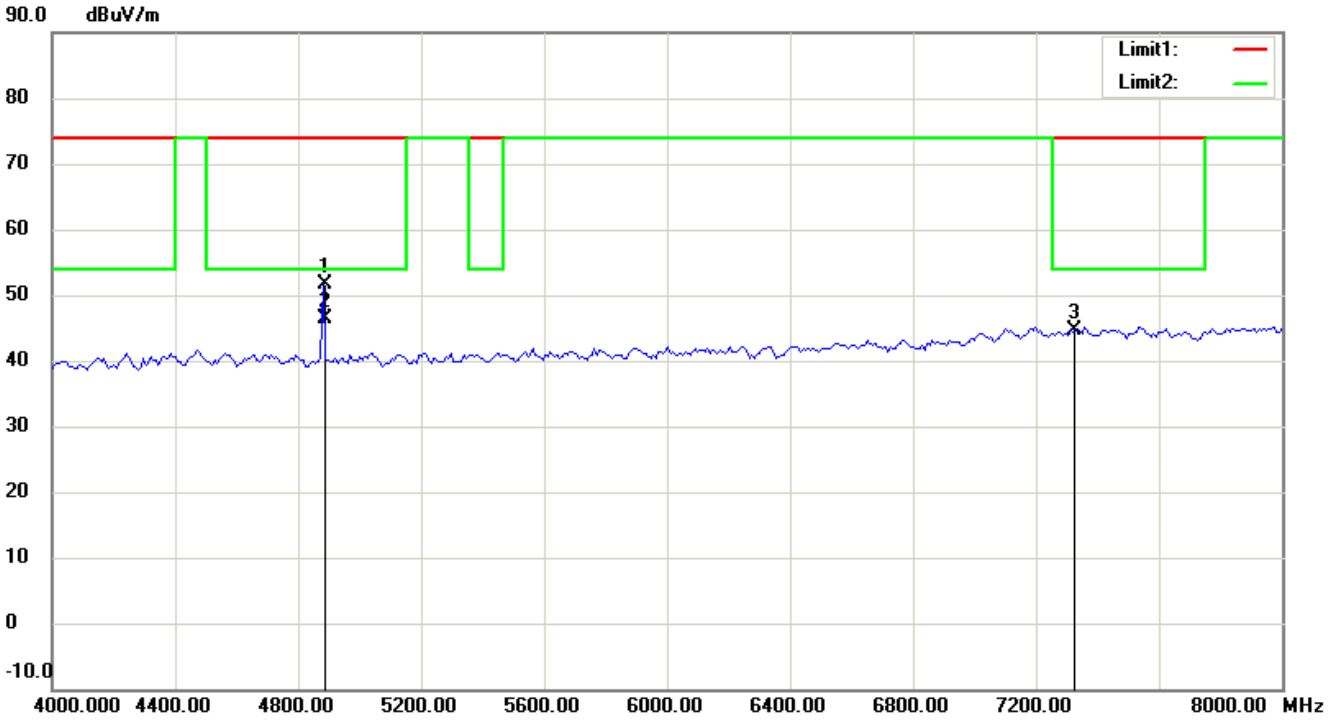

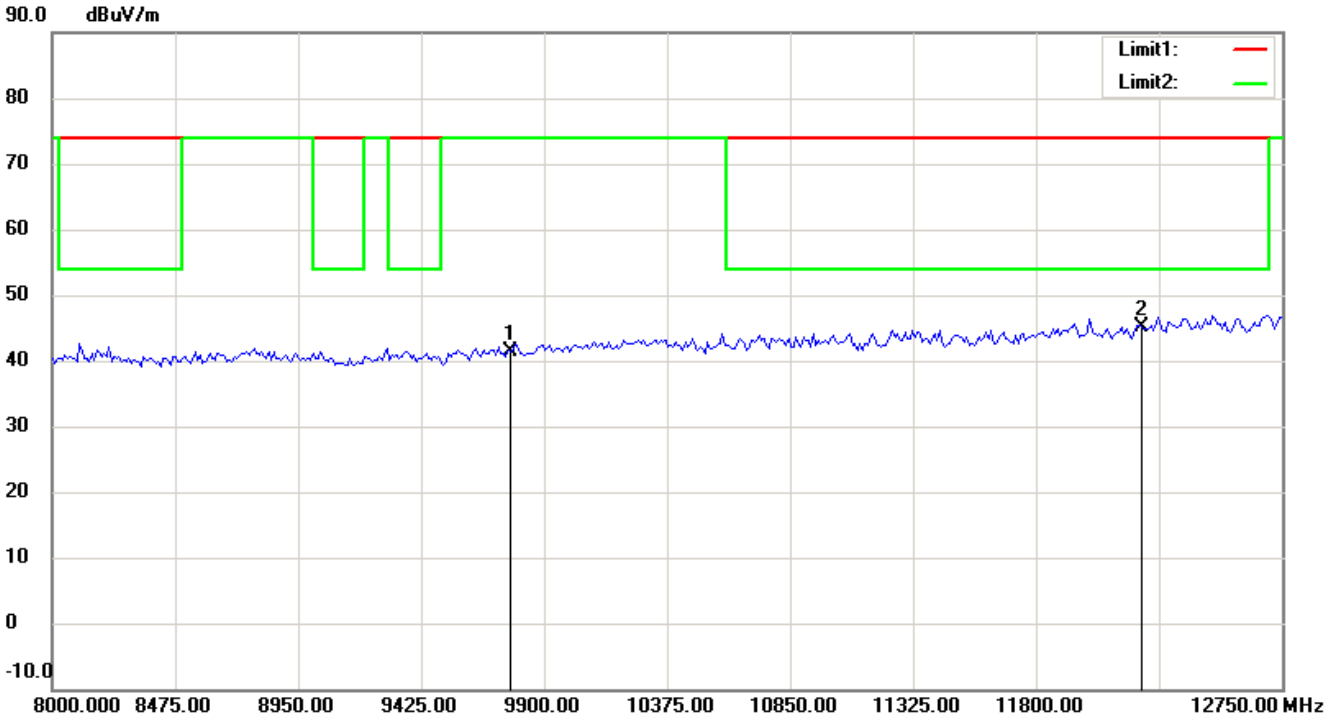

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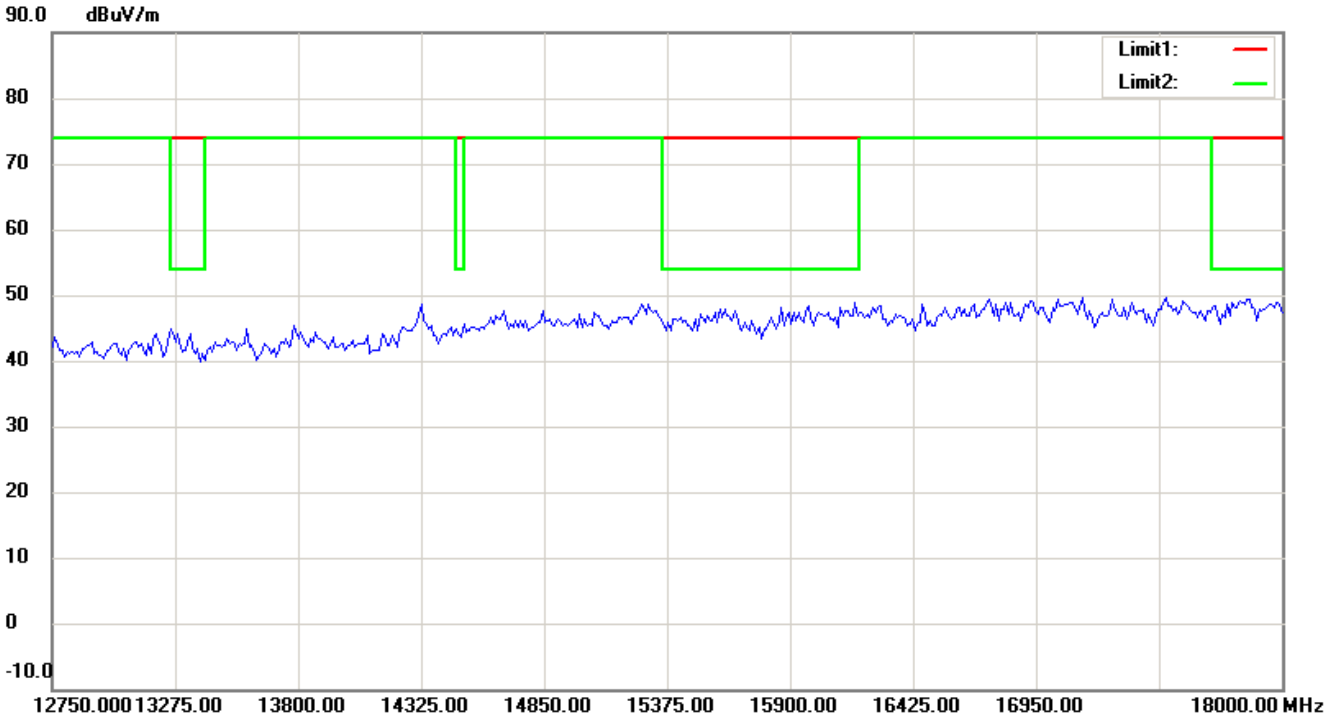

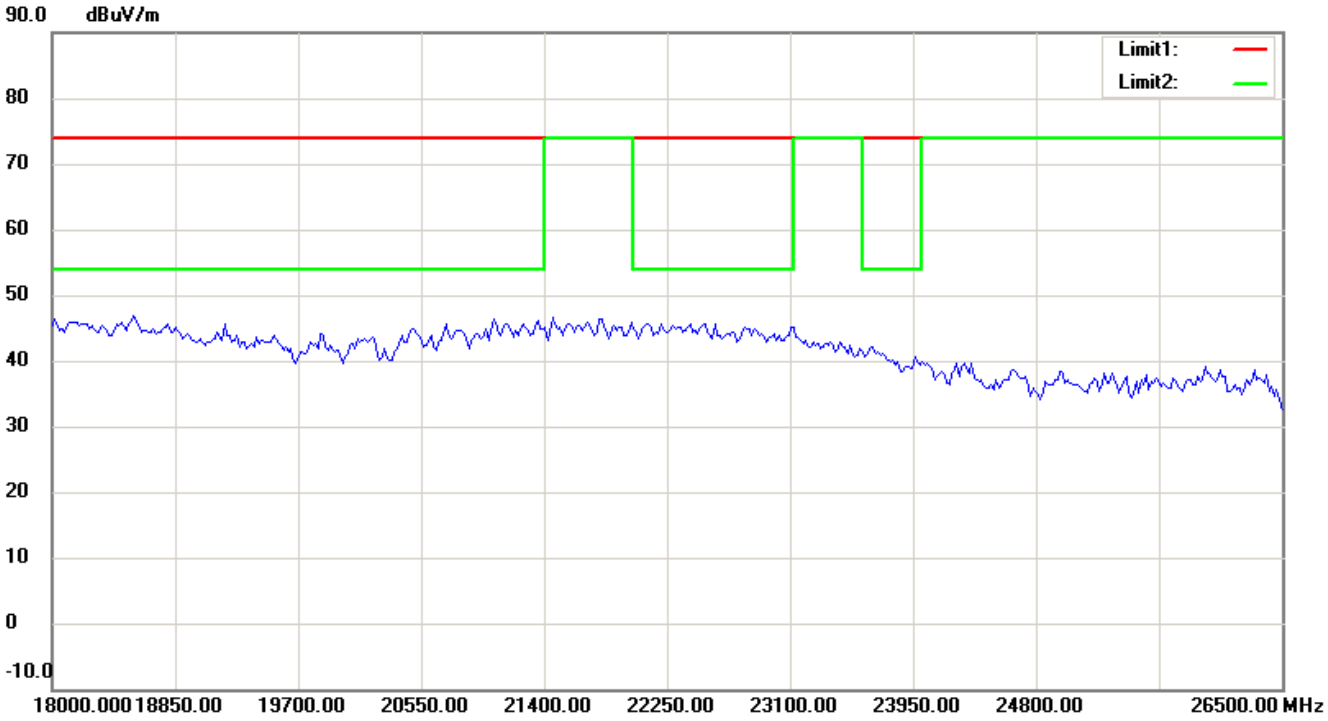

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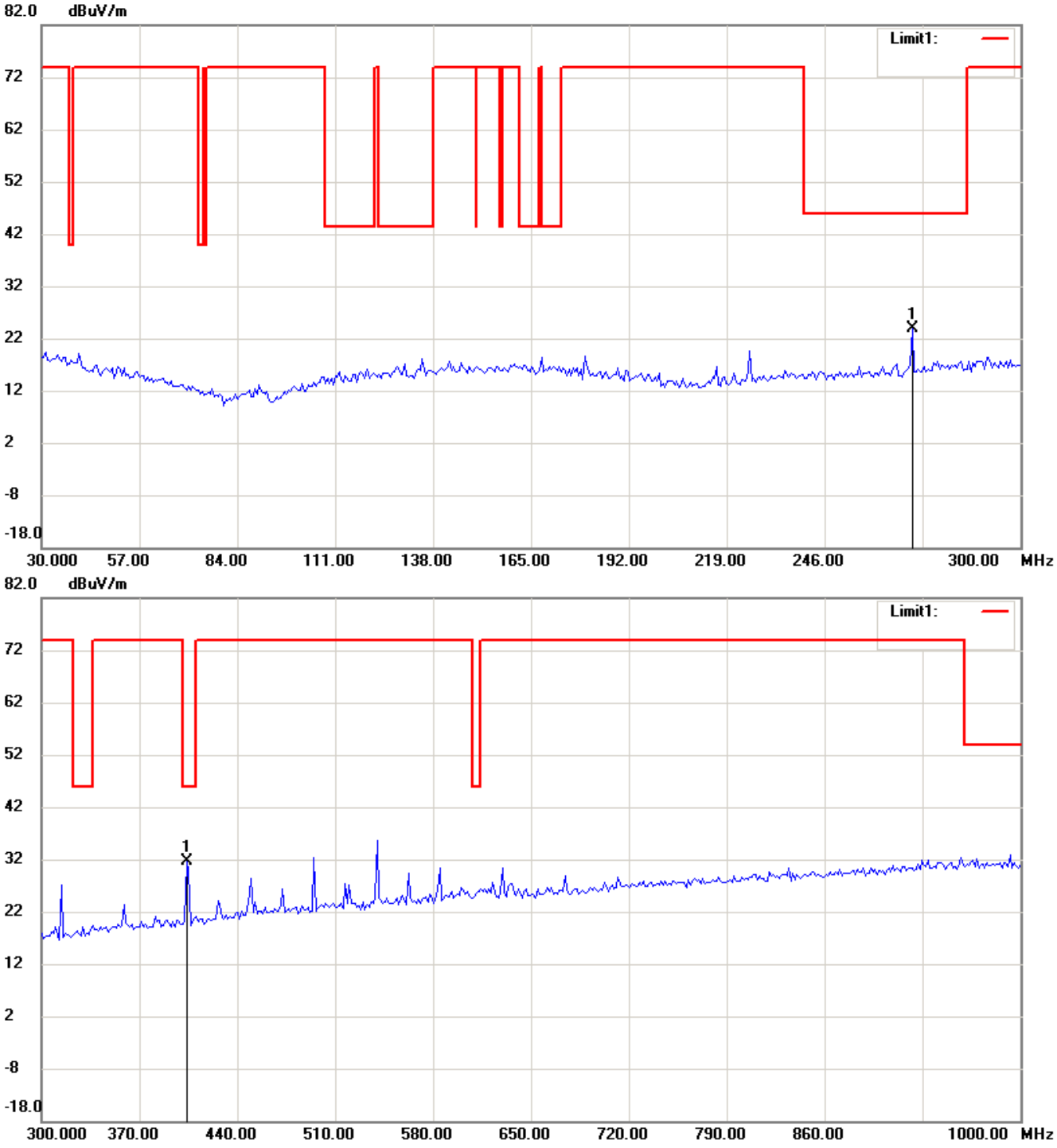
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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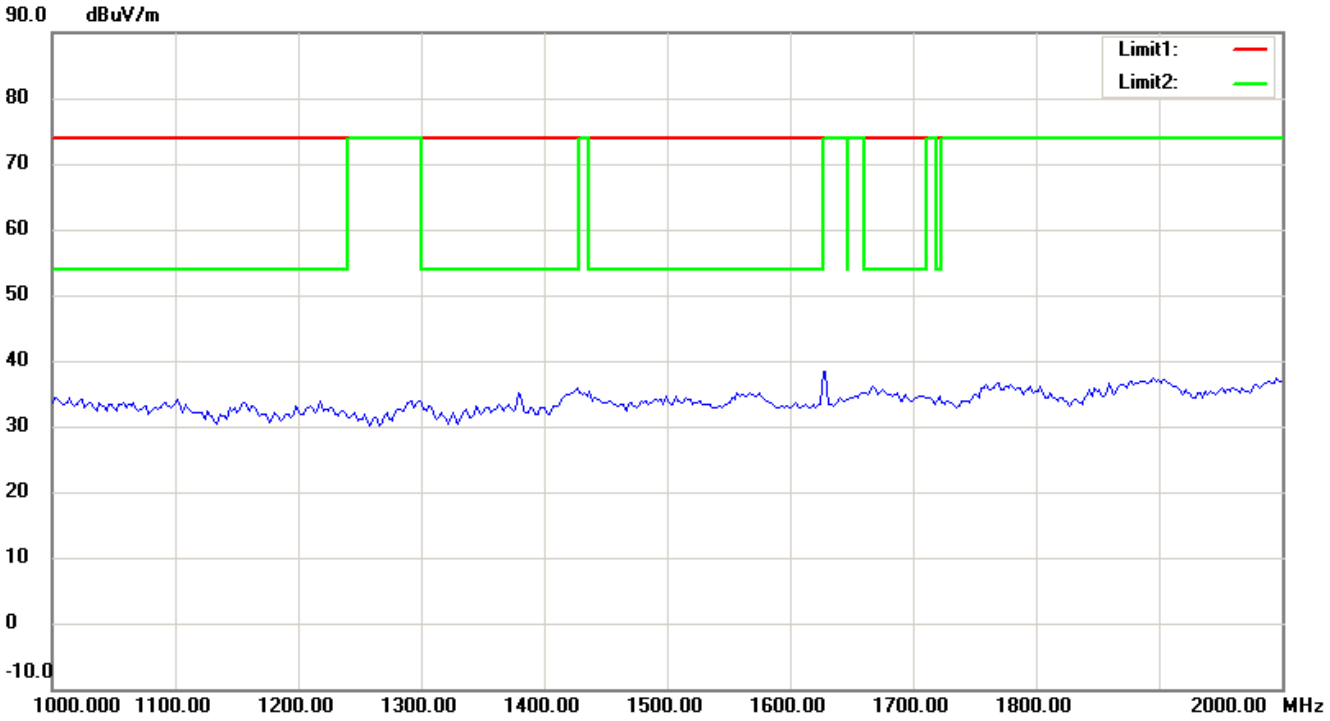
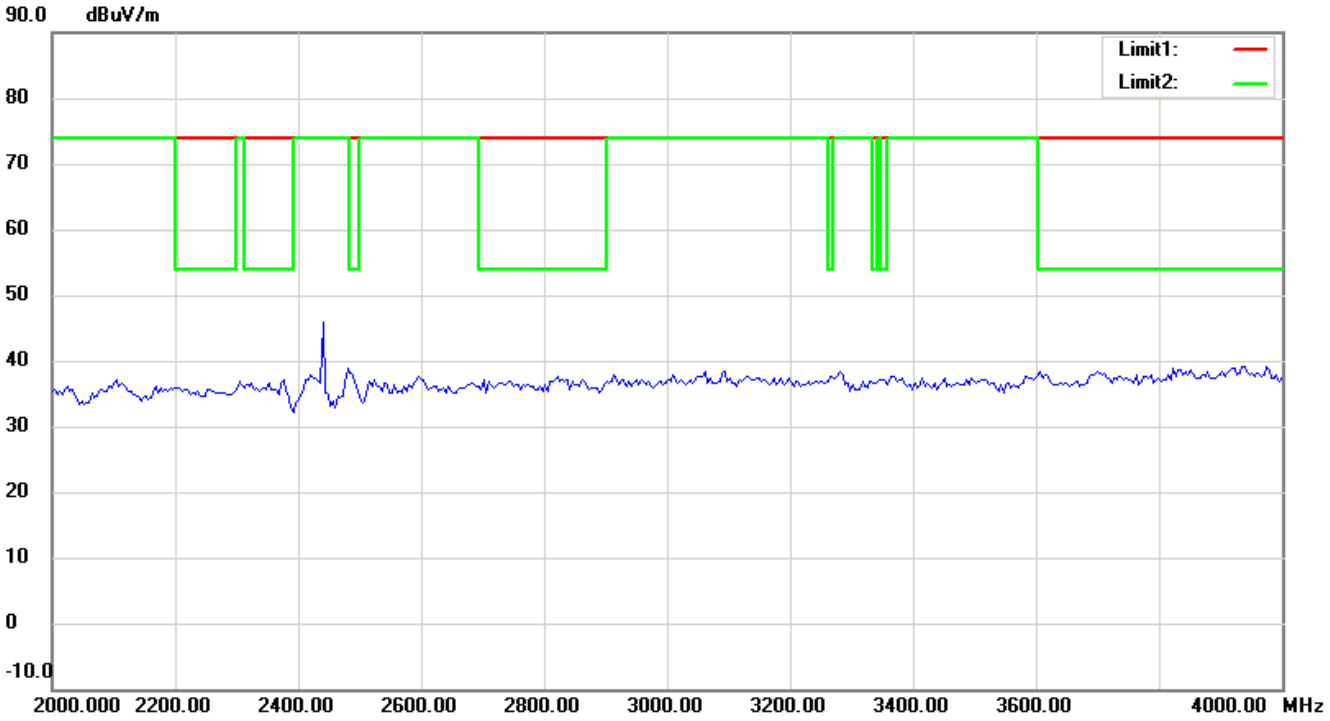
2. **The some frequencies may exceed the limit line without the specified detectors, but that cannot present the results are failed to the specification of test standard.**
3. **For corrected test results are listed in the relevant table of radiated test data of this test report.**

Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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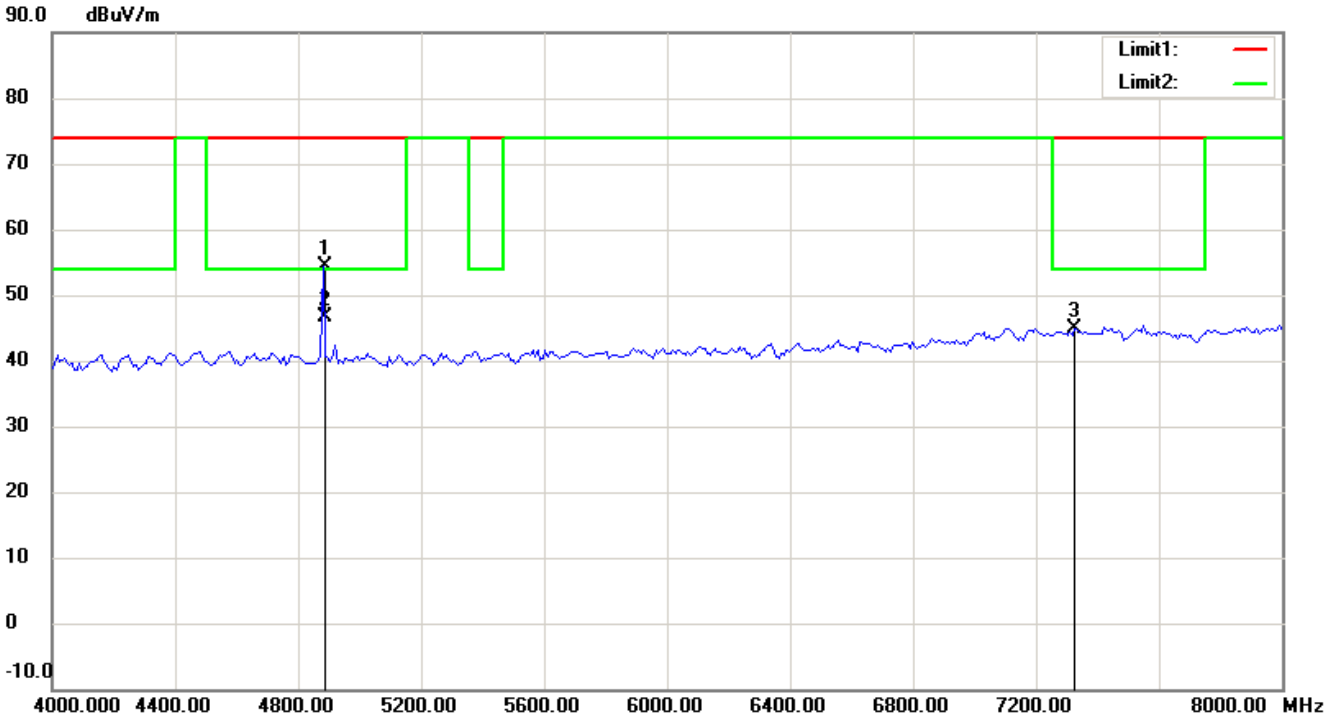
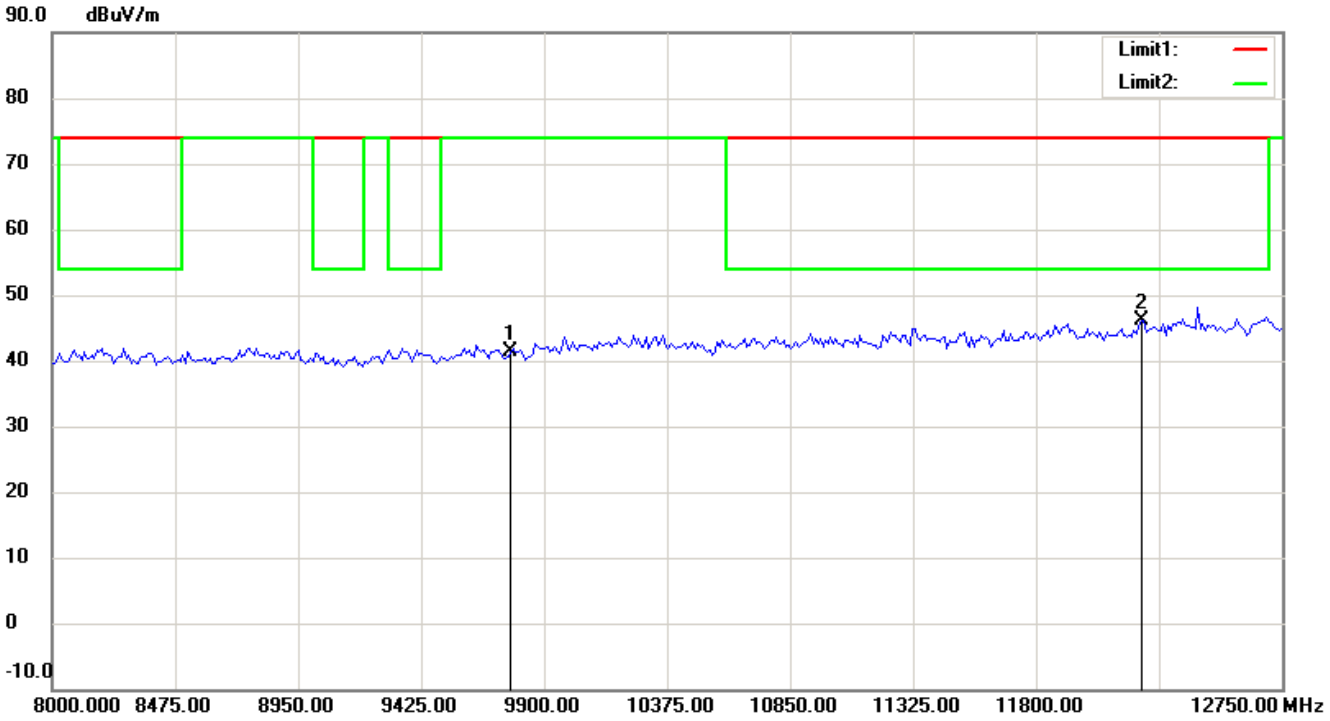
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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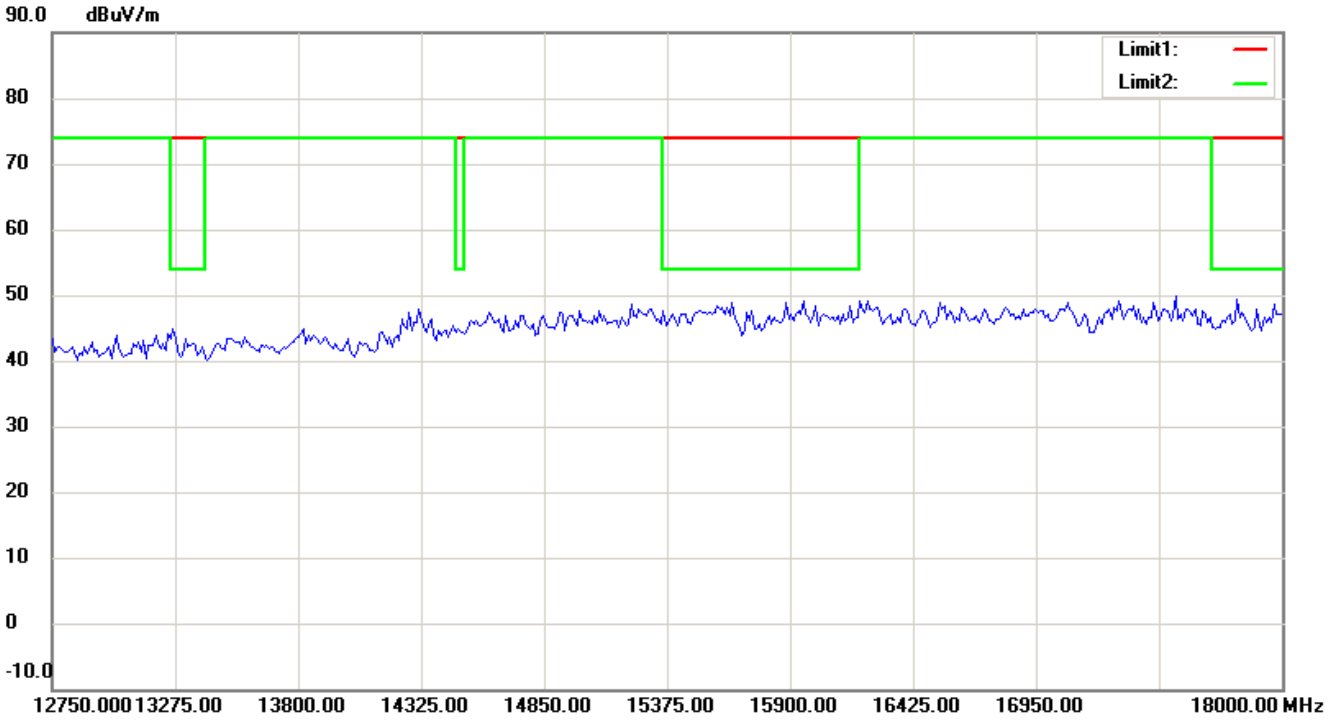
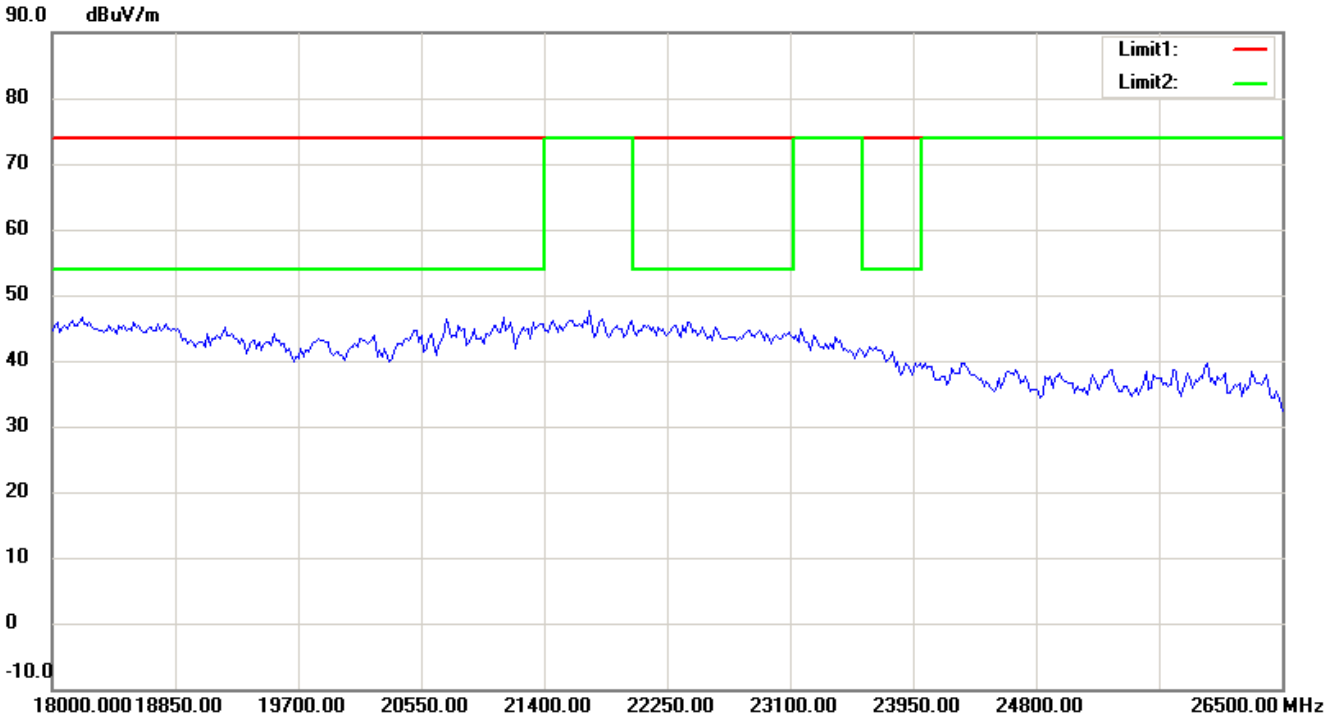
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6





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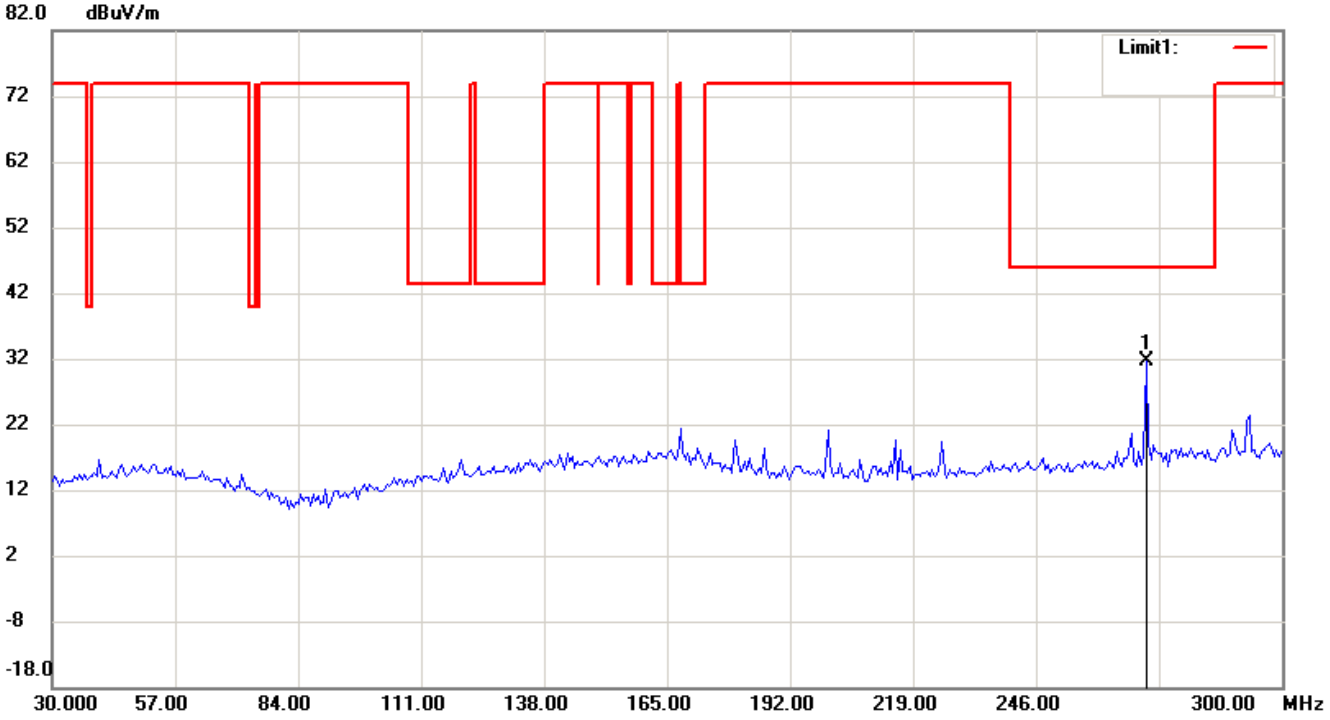
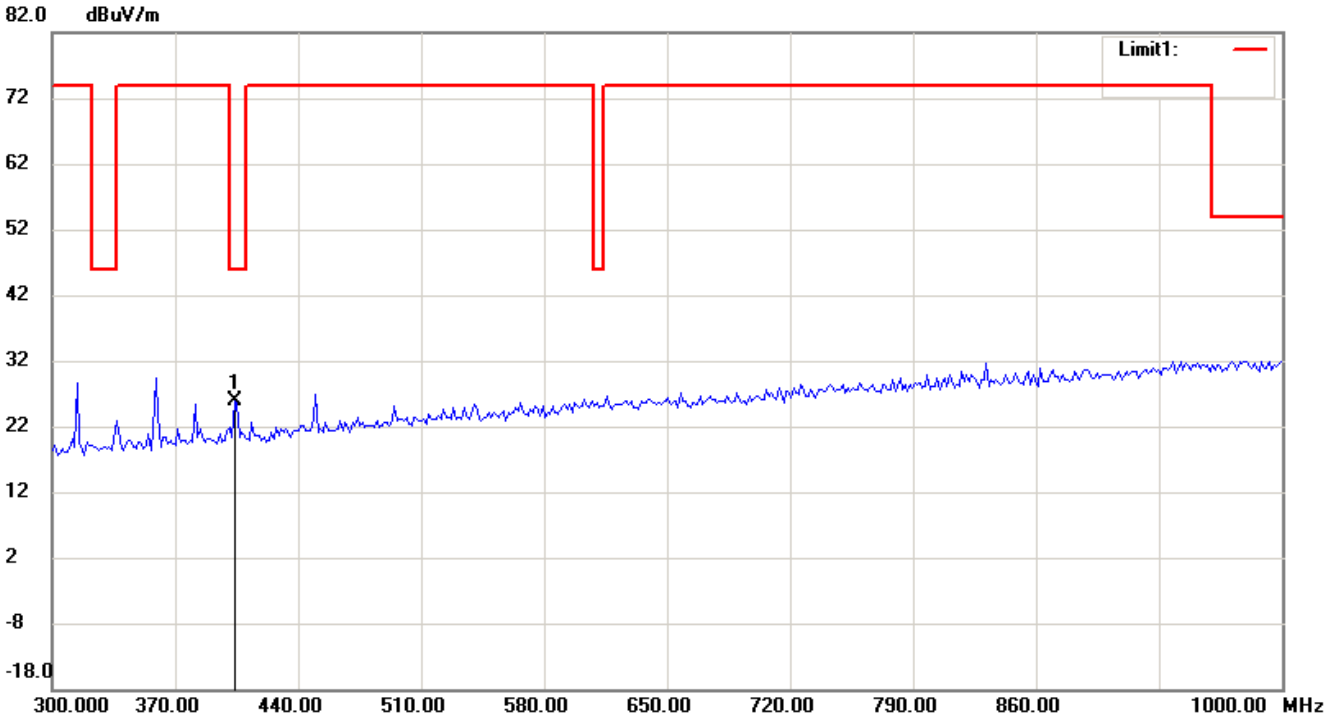
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Bluetooth 2.1 2480 MHz
Antenna Polarization H





Up Line: Peak Limit Line Down Line: Ave Limit Line
Note:

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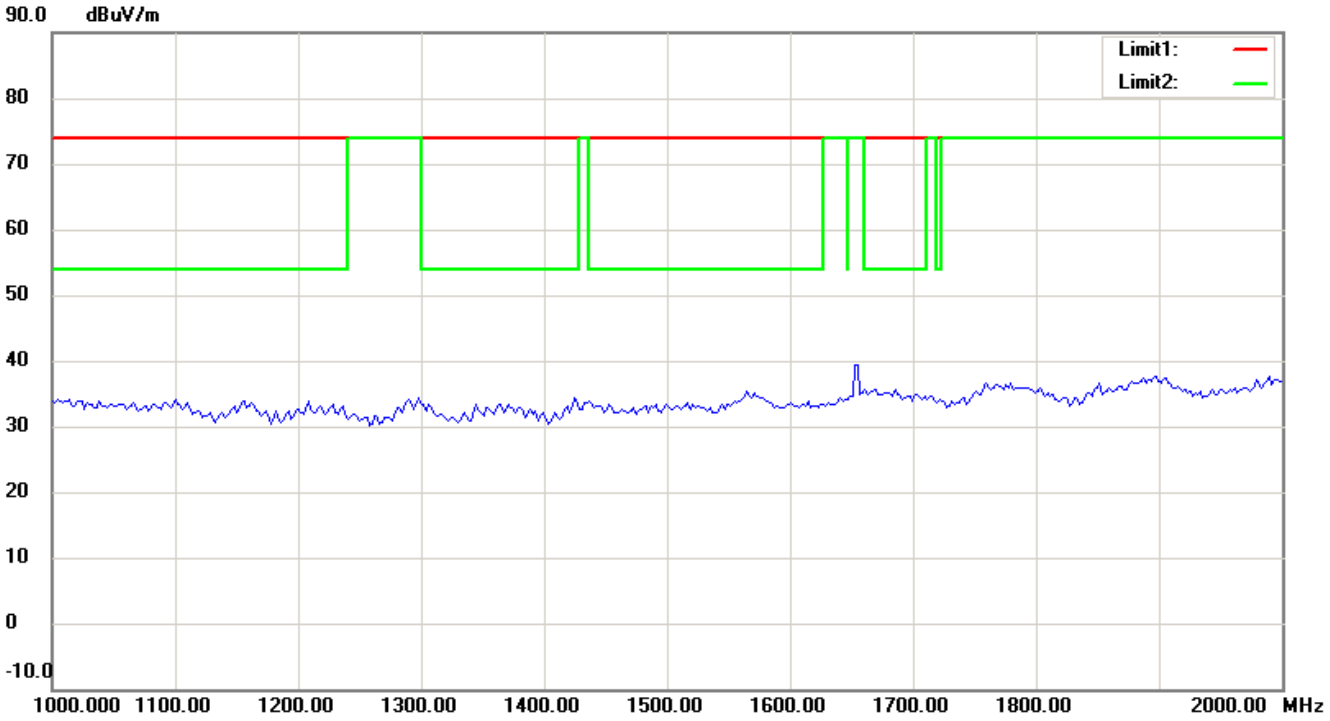
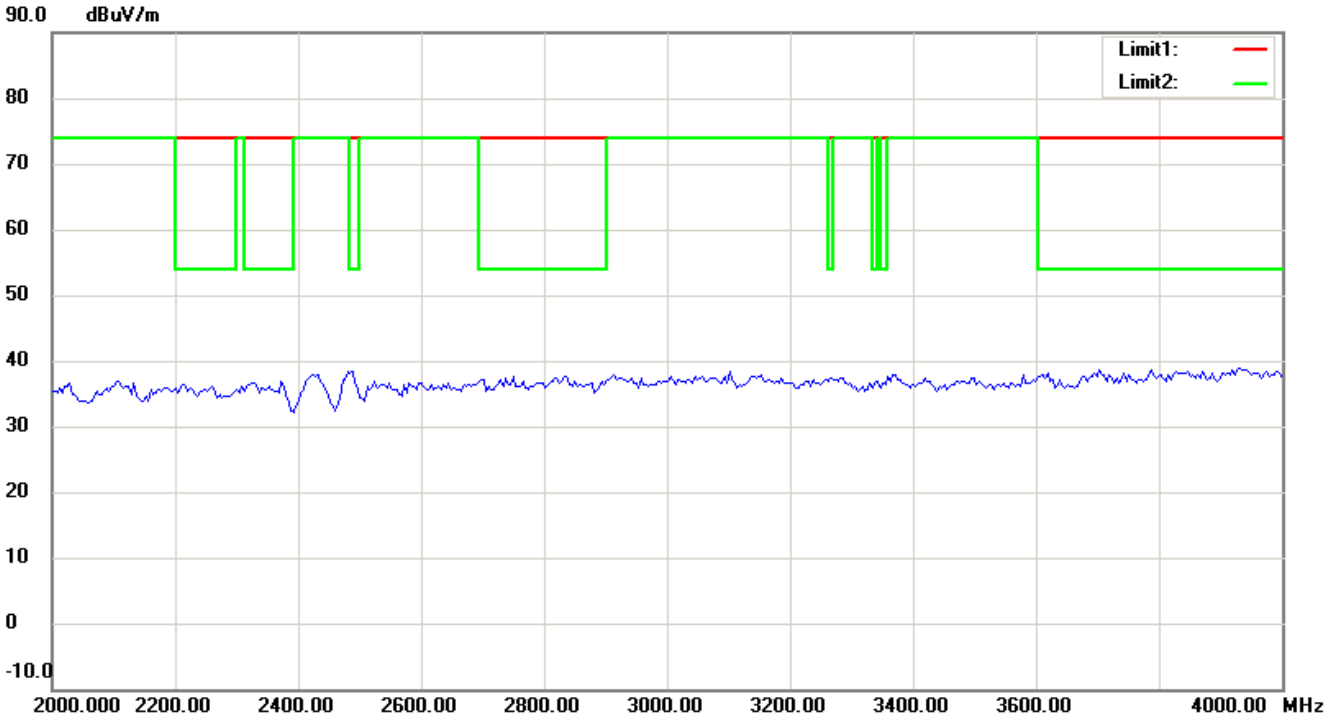
FCC ID: IR5DT6





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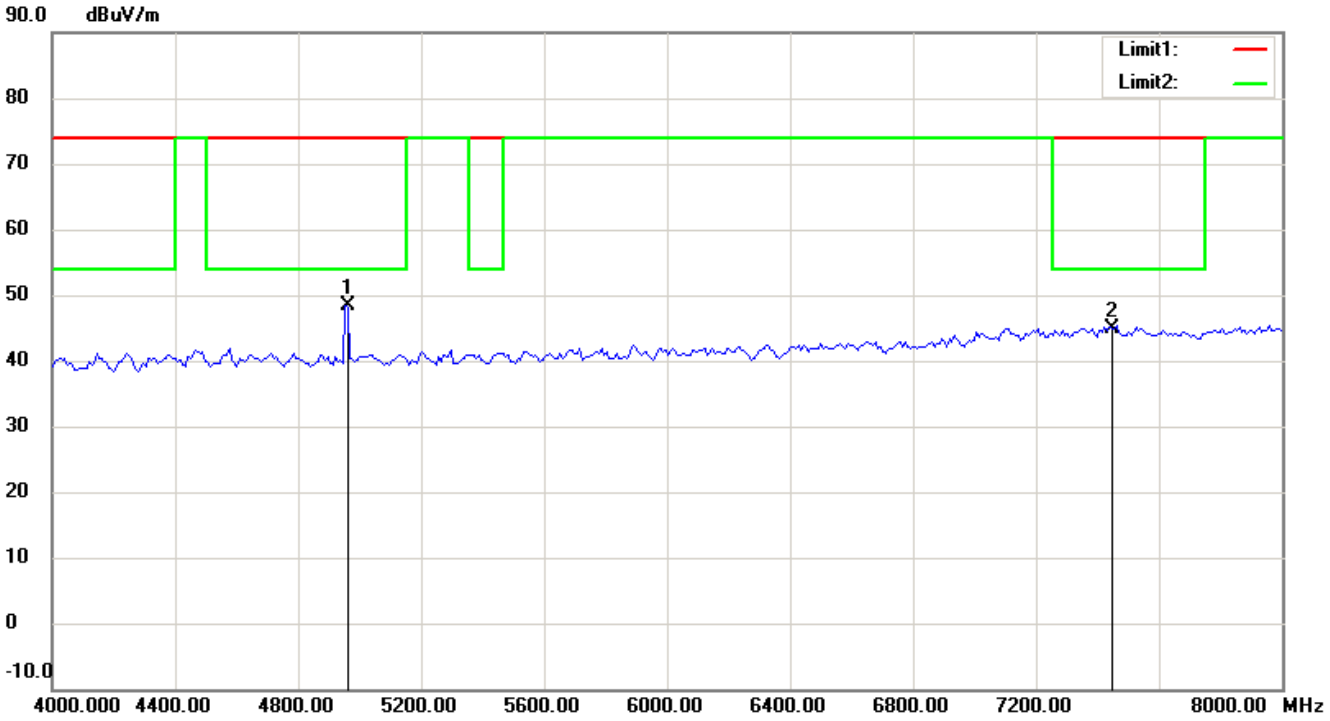

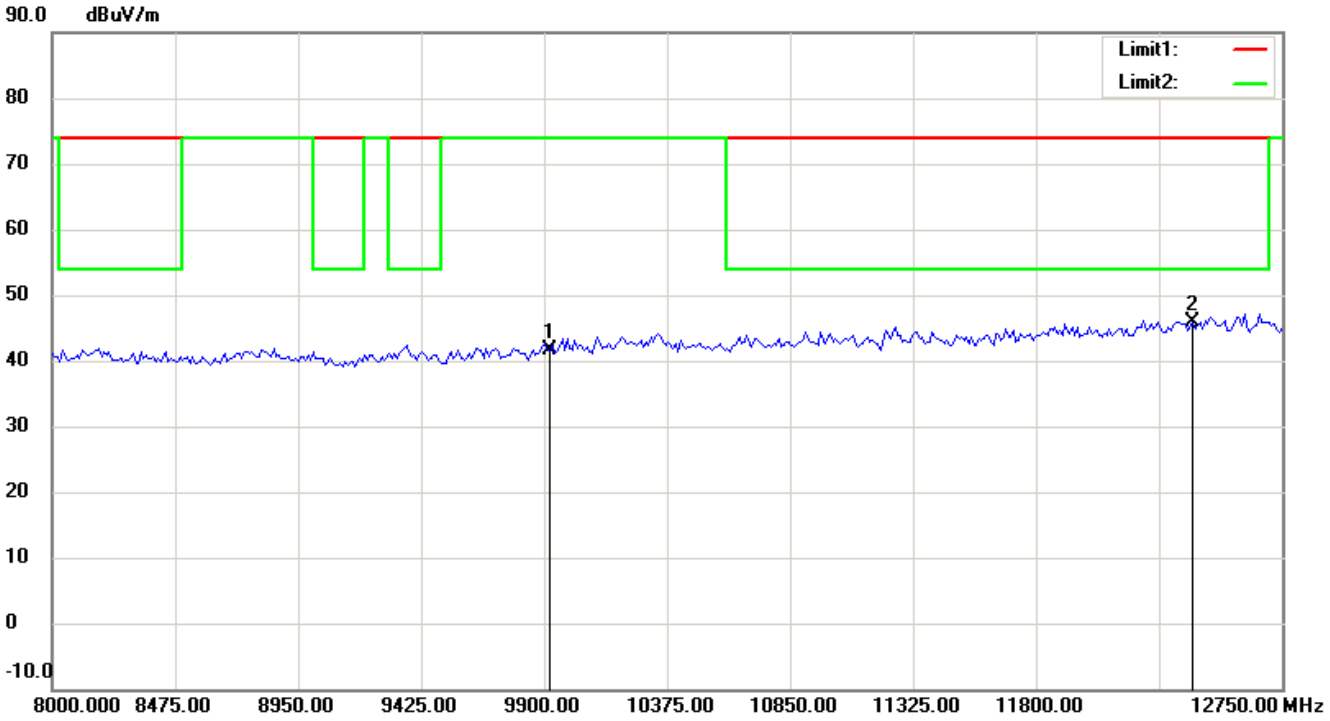

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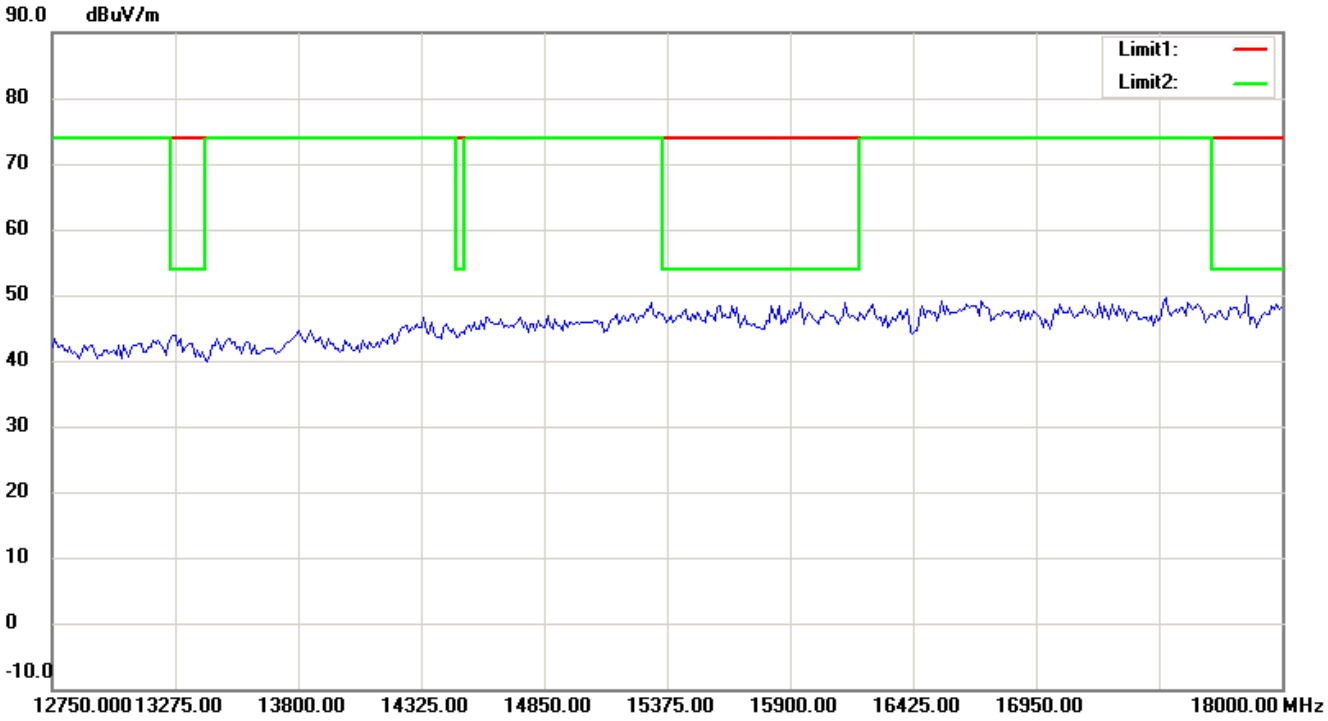

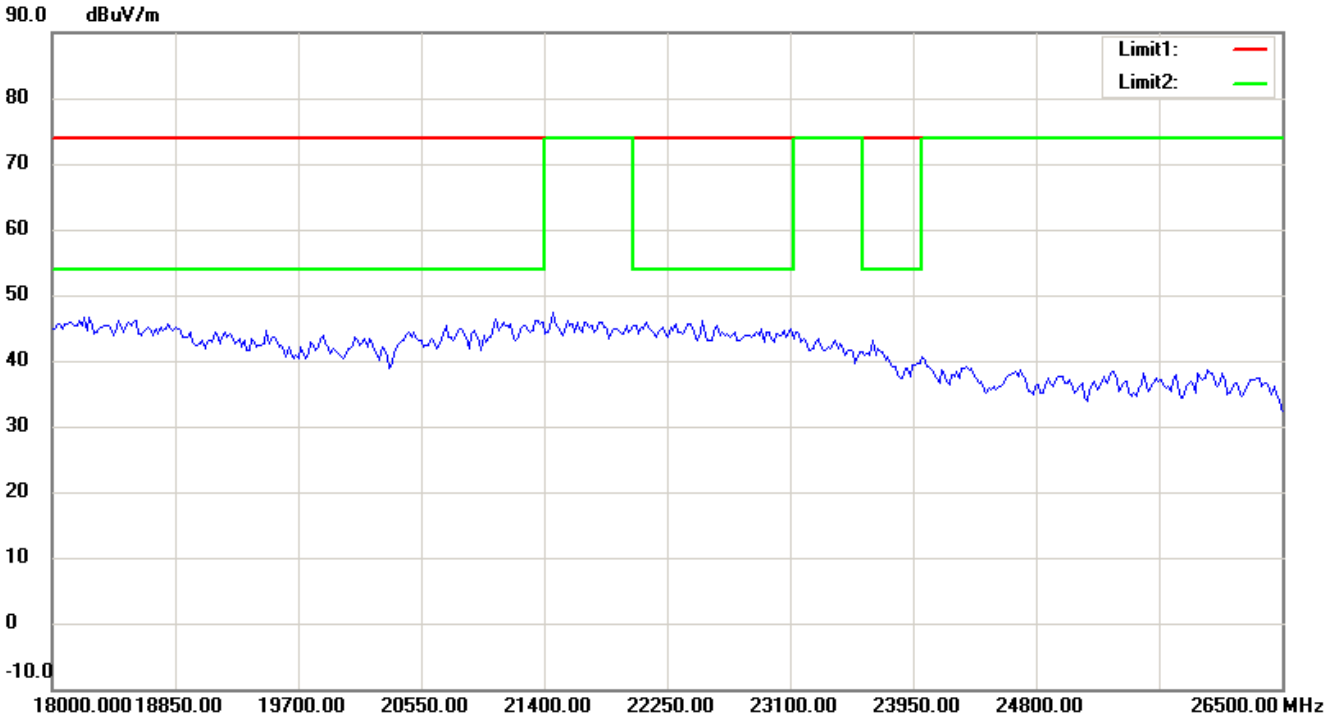

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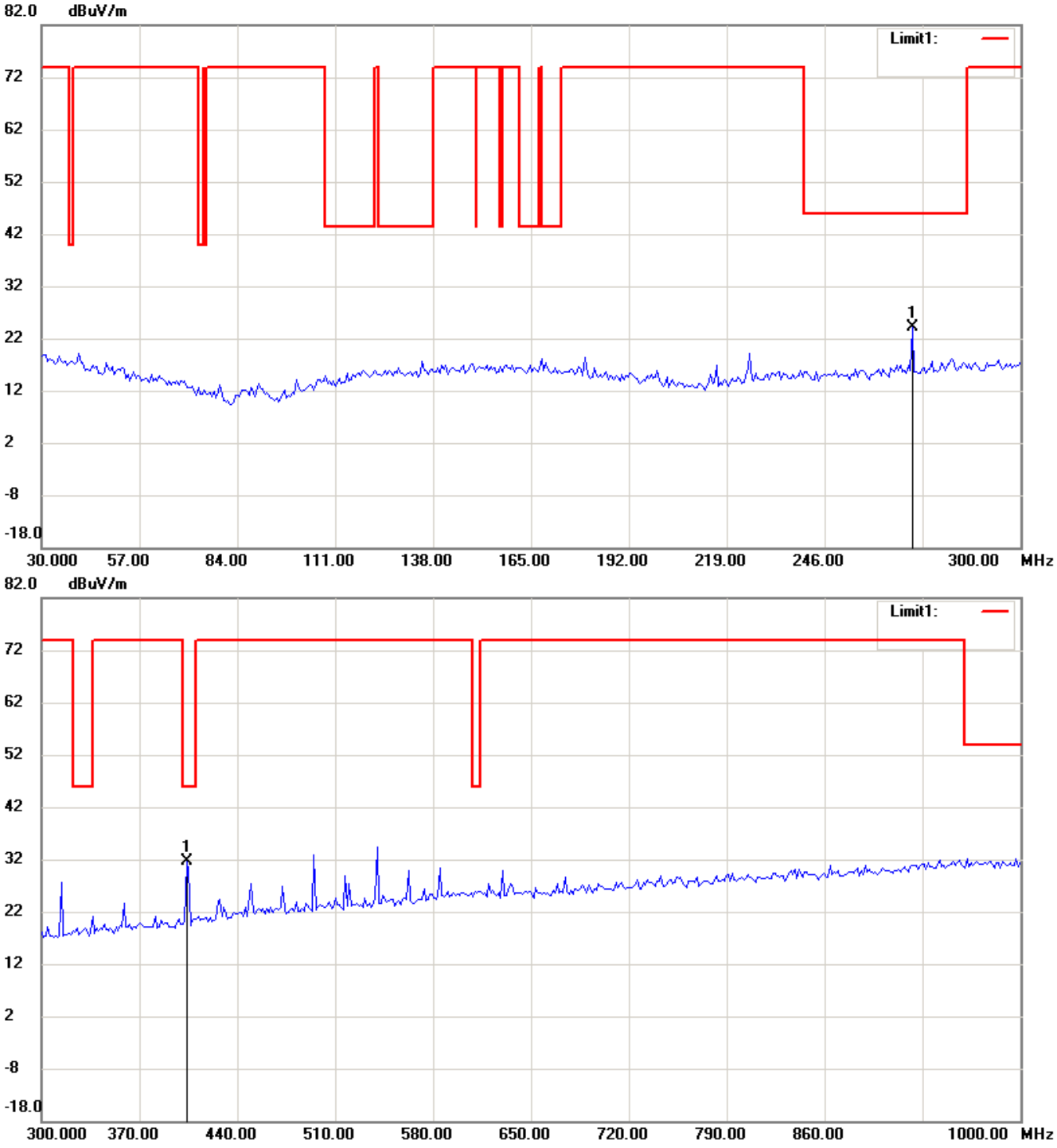
Registration number: W6M21203-12301-C-1
FCC ID: IR5DT6

Antenna Polarization V



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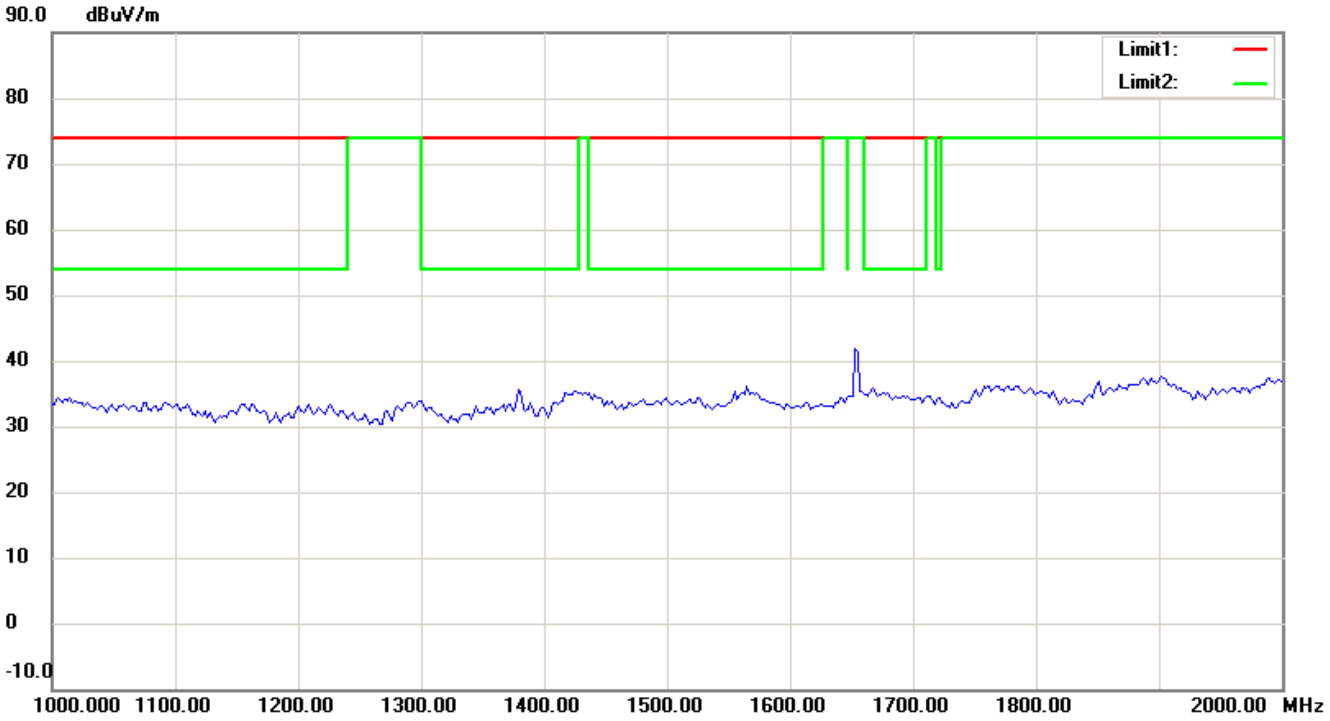

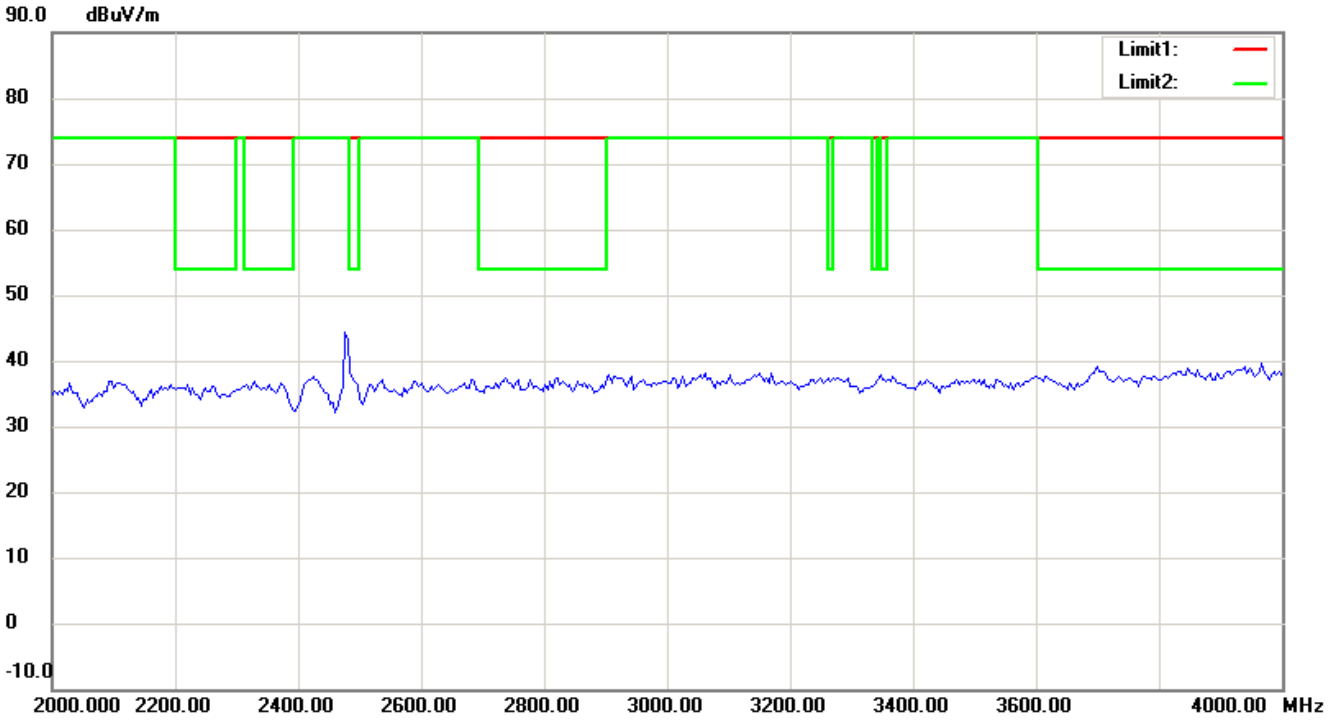

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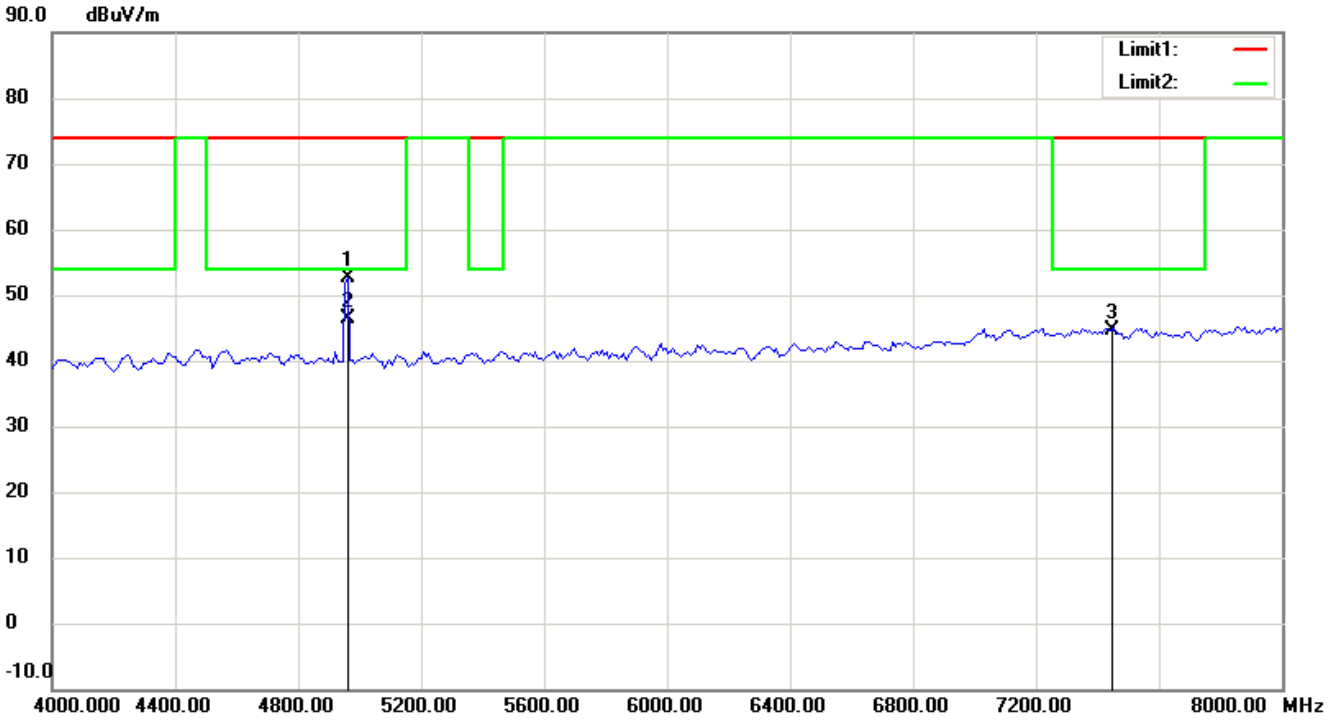

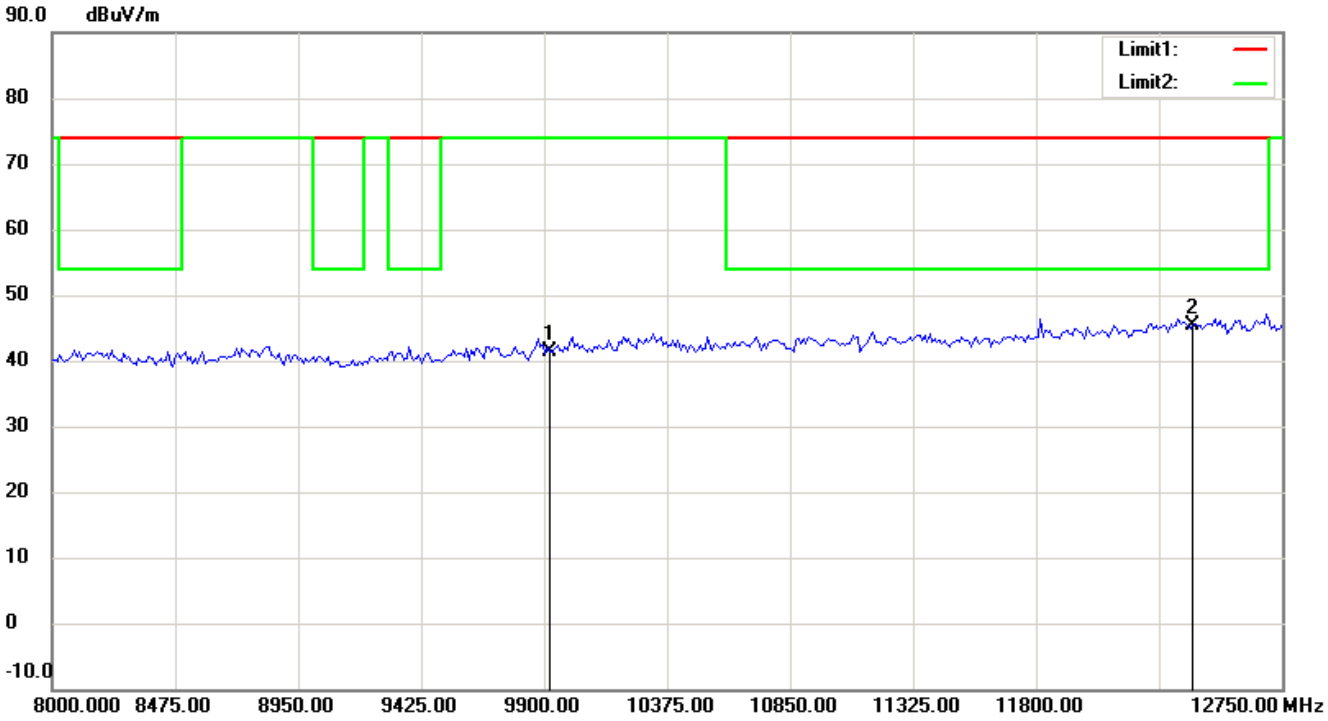

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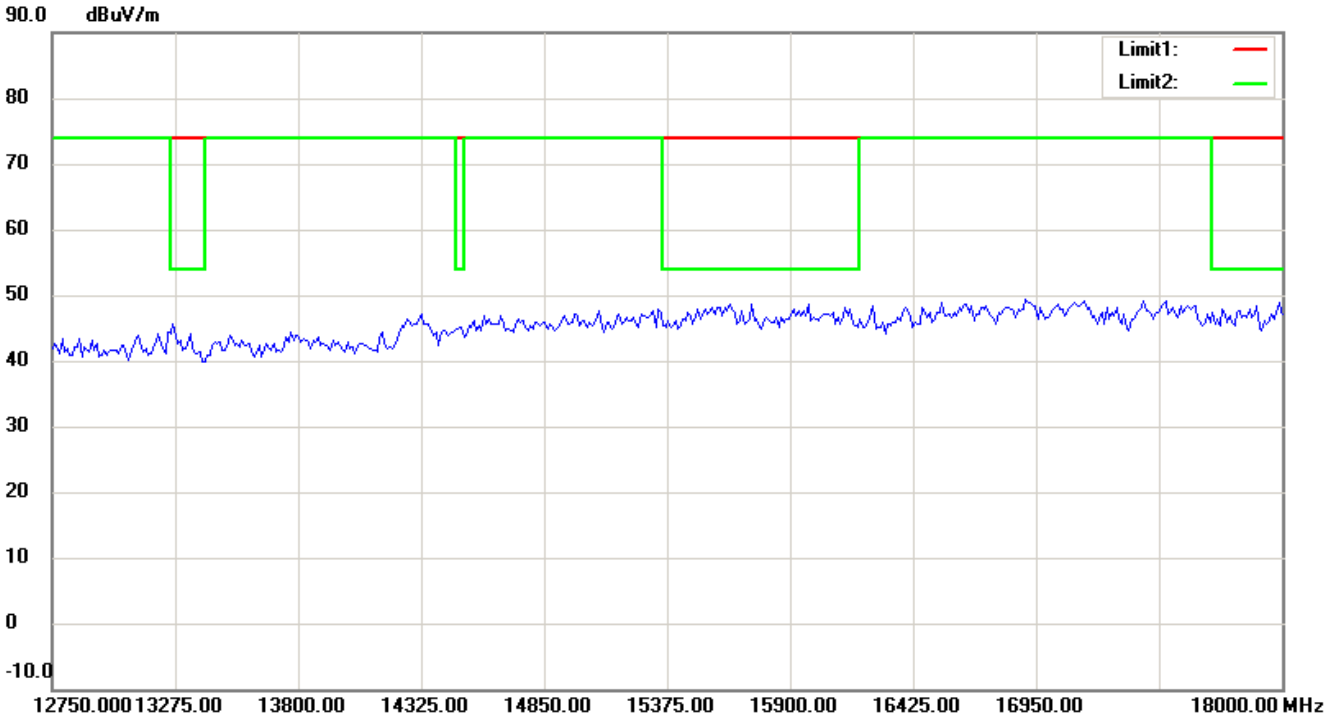

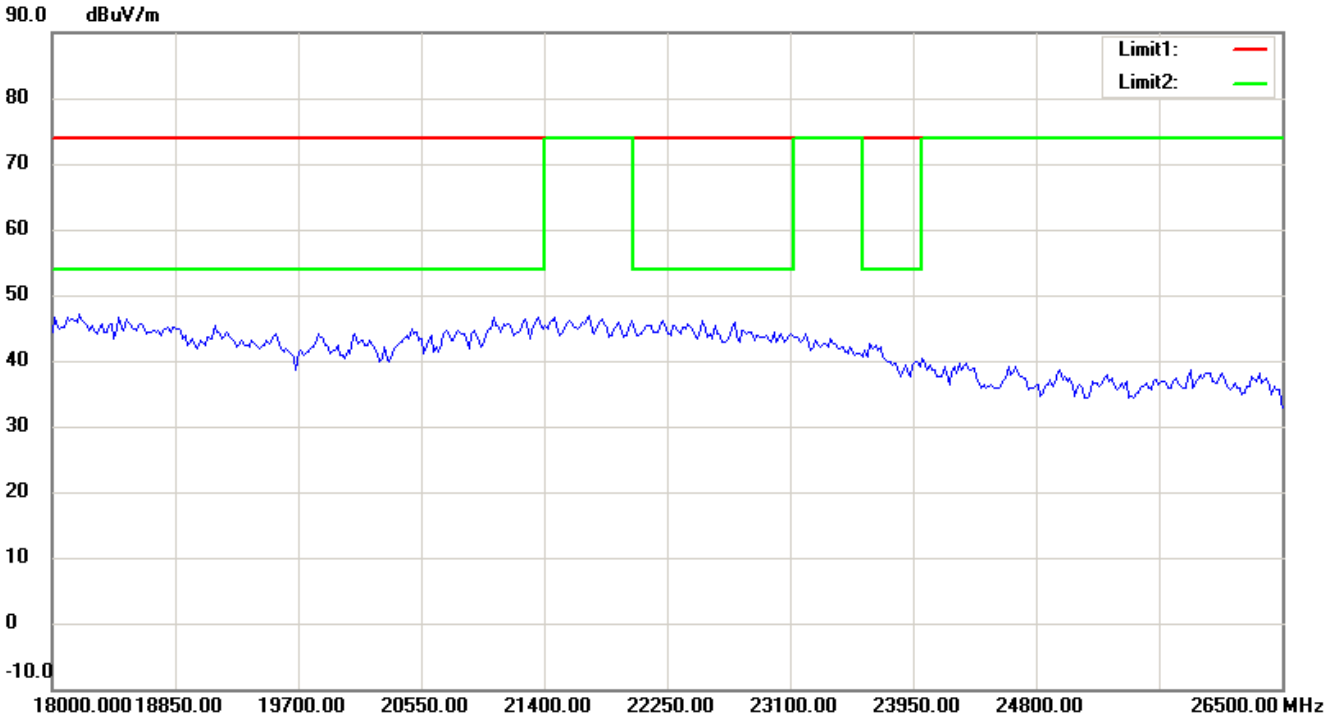

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