TESTING LABORATORY
CERTIFICATE #4820.01

FCC PART 15.247
RSS-GEN, ISSUE 4, NOVEMBER 2014
RSS-247, ISSUE 2, FEBRUARY 2017

TEST REPORT

For

SZ DJI TECHNOLOGY CO., LTD

14th floor, West Wing, Skyworth Semiconductor Design Building NO.18 Gaoxin South 4th Ave, Nanshan, Shenzhen, Guangdong, China

FCC ID: SS3-GL300K1801
IC: 11805A-GL300K1801

Report Type:	Product Name:
Original Report	C1

Report Number:	RDG180206002-00A
Report Date:	2018-03-22
Reviewed By:	Jerry Zhang EMC Manager
Test Laboratory:	Bay Area Compliance Laboratories Corp. (Dongguan) No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China Tel: +86-769-86858888 Fax: +86-769-86858891 www.baclcorp.com.cn

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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

EUT Name:	C1
EUT Model:	GL300K
FCC ID:	SS3-GL300K1801
IC:	11805A-GL300K1801
Adapter	Model:PH4C 100 Input:AC100-240V,1.4A,50-60Hz Output: DC 17.5V, 5.7A(total);17.5V,0-2A(output 1); 17.5V,0-5.7A(output 2)
Rated Input Voltage:	DC 7.4V from battery or DC 17.5V from charger
External Dimension:	18.2cm(L)*17.2cm(W)*13.2cm(H)
Serial Number:	180206002
EUT Received Date:	2018.02.06

Objective

This report is prepared on behalf of ***SZ DJI TECHNOLOGY CO., LTD*** in accordance with Part 2, Subpart J, Part 15, Subparts A, and C of the Federal Communications Commission's rules and RSS-247, Issue 2, February 2017, RSS-Gen Issue 4, November 2014 of the Innovation, Science and Economic Development Canada.

The tests were performed in order to determine the compliance of the EUT with FCC Rules Part 15-Subpart C, section 15.203, 15.205, 15.209, 15.247 rules and RSS-247, Issue 2, February 2017, RSS-Gen Issue 4, November 2014 of the Innovation, Science and Economic Development Canada.

Related Submittal(s)/Grant(s)

FCC submissions with Part 15E NII, FCC ID: SS3-GL300K1801.
FCC submissions with Part 15B JBP, FCC ID: SS3-GL300K1801.
ISEDC submissions with LE-LAN, IC: 11805A-GL300K1801.
Part of system submissions with FCC ID: SS3-WM331S1801, IC: 11805A-WM331S1801.

Test Methodology

All measurements detailed in this Test Report were performed in accordance with ANSI C63.10-2013 "American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices", RSS-247, Issue 2, February 2017, RSS-Gen Issue 4, November 2014 of the Innovation, Science and Economic Development Canada, and KDB 558074 D01 DTS Meas Guidance v04.

All emissions measurement was performed and Bay Area Compliance Laboratories Corp. (Dongguan).

Measurement Uncertainty

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	±5 %
RF output power, conducted	±0.61dB
Power Spectral Density, conducted	±0.61 dB
Unwanted Emissions, radiated	30M~200MHz: 4.58 dB for Horizontal, 4.59 dB for Vertical 200M~1GHz: 4.83 dB for Horizontal, 5.85 dB for Vertical 1G~6GHz: 4.45 dB, 6G~26.5GHz: 5.23 dB
Unwanted Emissions, conducted	±1.5 dB
Temperature	±1℃
Humidity	±5%
DC and low frequency voltages	±0.4%
Duty Cycle	1%
AC Power Lines Conducted Emission	3.12 dB (150 kHz to 30 MHz)

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China.

The test site has been approved by the FCC under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218,the FCC Designation No. : CN1220.

The test site has been registered with ISED Canada under ISED Canada Registration Number 3062D.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in testing mode, which was provided by manufacturer.

The device employes 802.11 b/g/n ht20 modes, 1.4MHz ,10MHz and 20MHz modes, And the EUT has 2 external PCB antennas for 1.4/10/20MHz modes and 2 internal FPC antennas for 802.11b/g/n. For 1.4/10/20MHz modes, the system configure 1T1R depending on better performance by the system automatically recognizes. For 802.11b/g/n ht20 modes, the device supports SISO and MIMO modes.

For 802.11b/g/n ht20 modes, total 11 channels are provided:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	7	2442
2	2417	8	2447
3	2422	9	2452
4	2427	10	2457
5	2432	11	2462
6	2437	/	/

For 1.4MHz modes, 38 channels are provided to testing:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2403.5	20	2441.5
2	2405.5	…	…
…	…	…	…
…	…	…	…
…	…	37	2475.5
19	2439.5	38	2477.5

For 10MHz modes, the device employs 73 channels as below:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2405.5	38	2442.5
2	2406.5	…	…
…	…	…	…
…	…	…	…
…	…	73	2477.5
37	2441.5	/	/

For 20MHz modes, the device employs 63 channels as below:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2410.5	33	2442.5
2	2411.5	…	…
…	…	…	…
…	…	…	…
…	…	63	2472.5
32	2441.5	/	/

Equipment Modifications

No modification was made to the EUT tested.

EUT Exercise Software

For 1.4MHz, 10MHz and 20MHz mode, the software "DjiRfCertConsole_V1.3.0.51" was used for testing, which was provided by manufacturer. The maximum power with maximum duty cycle was configured as default setting, Per pretest the conducted outputpower, 10MHz, 20MHz mode`s power in difference power level, all test items performed at Low, Middle and High Channel, radiation bandedge test and output power were tested with additional channels according to the pretest output power test results.

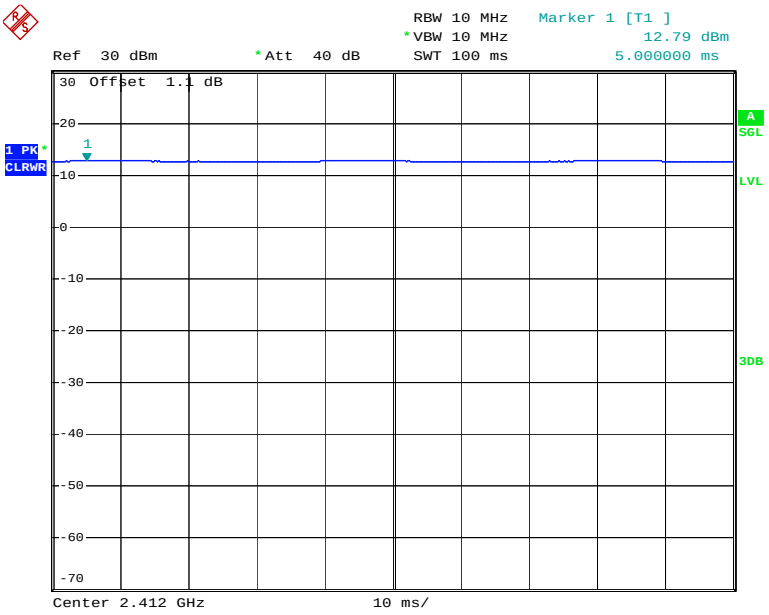
For 802.11b/g/n ht20 mode, the software "RF Certification" was used for testing, which was provided by manufacturer. The worst-case data rates are determined to be as follows for each mode based upon investigations by measuring the average power and PSD across all data rates bandwidths, and modulations. Per pretest, the MIMO mode was the worst and reported in the report, the worst power and data rate setting as below list:

Software and version			RF Certification	
Mode	Channel	Frequency (MHz)	Data Rate	Power Level
B	Low	2412	1Mbs	10
	Middle	2437	1Mbs	10
	High	2462	1Mbs	10
G	Low	2412	6Mbs	10
	Middle	2437	6Mbs	10
	High	2462	6Mbs	8
N20	Low	2412	MCS0	9
	Middle	2437	MCS0	10
	High	2462	MCS0	8

The duty cycle as below:

Mode	T_{on} (ms)	T_{on+off} (ms)	Duty Cycle (%)
802.11b	100	100	100
802.11g	2.07	2.13	97.18
802.11n ht20	1.93	1.98	97.47
1.4MHz	100	100	100
10MHz	100	100	100
20MHz	100	100	100

802.11b



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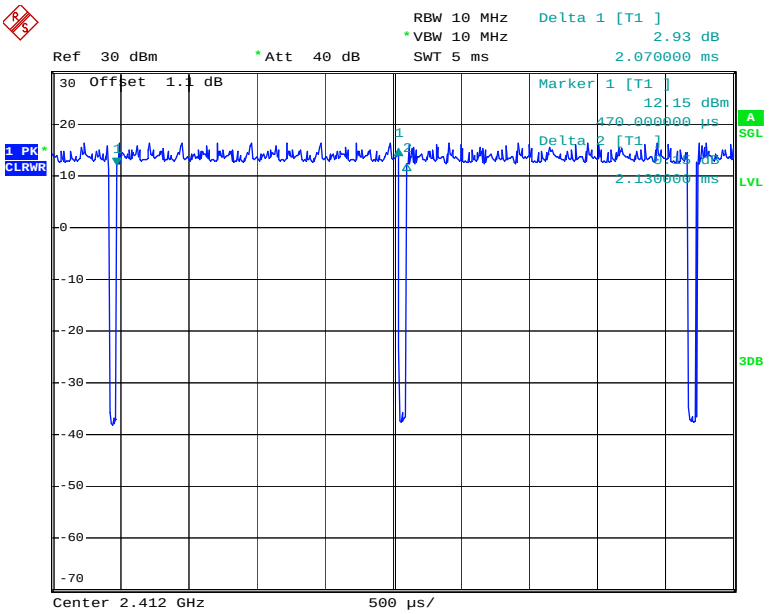
802.11g



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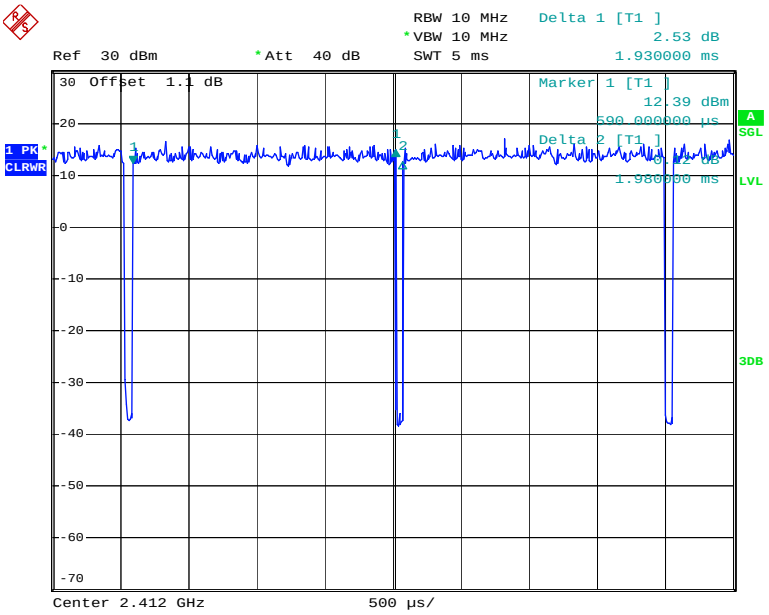
802.11n ht20



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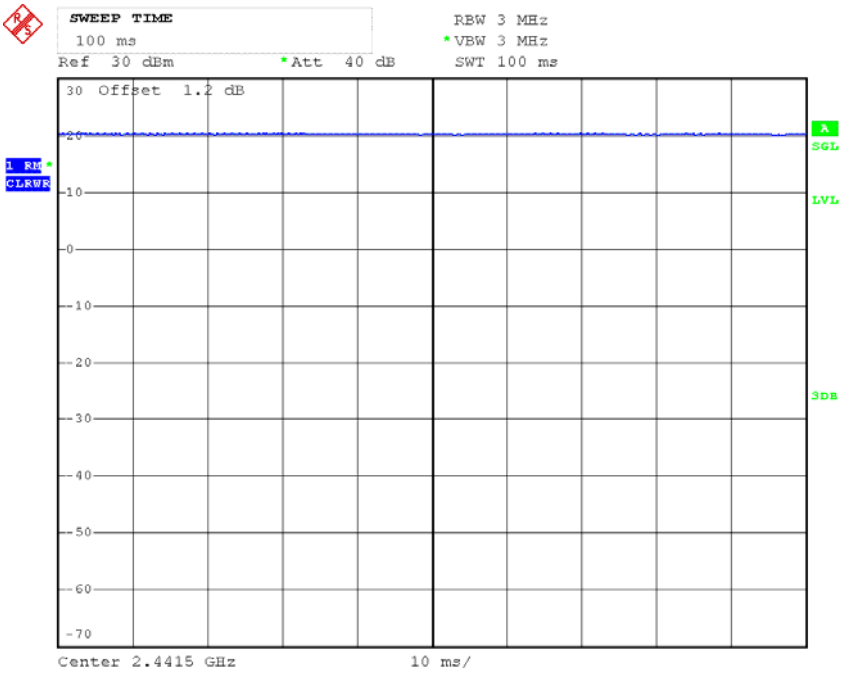
1.4MHz



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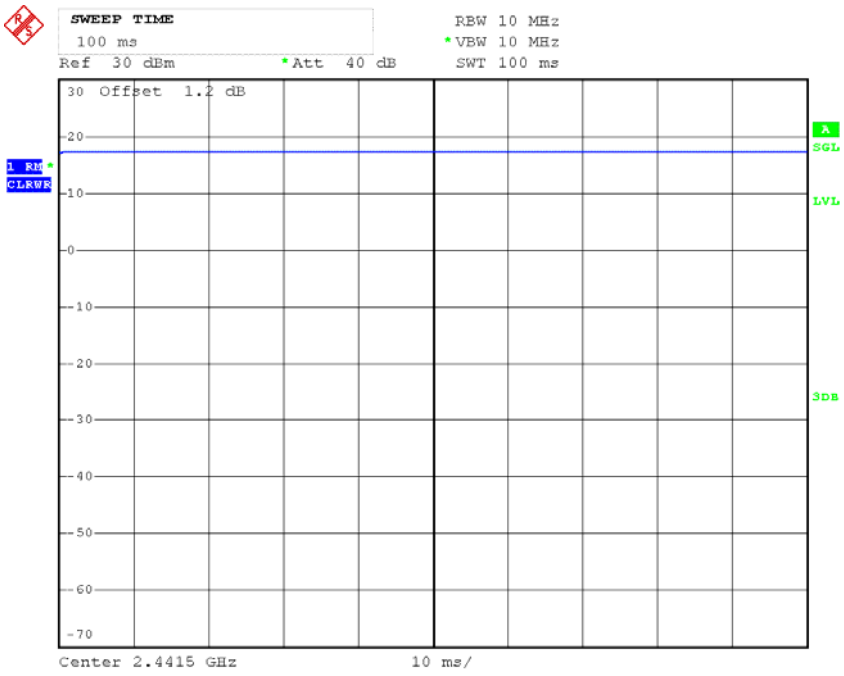
10MHz



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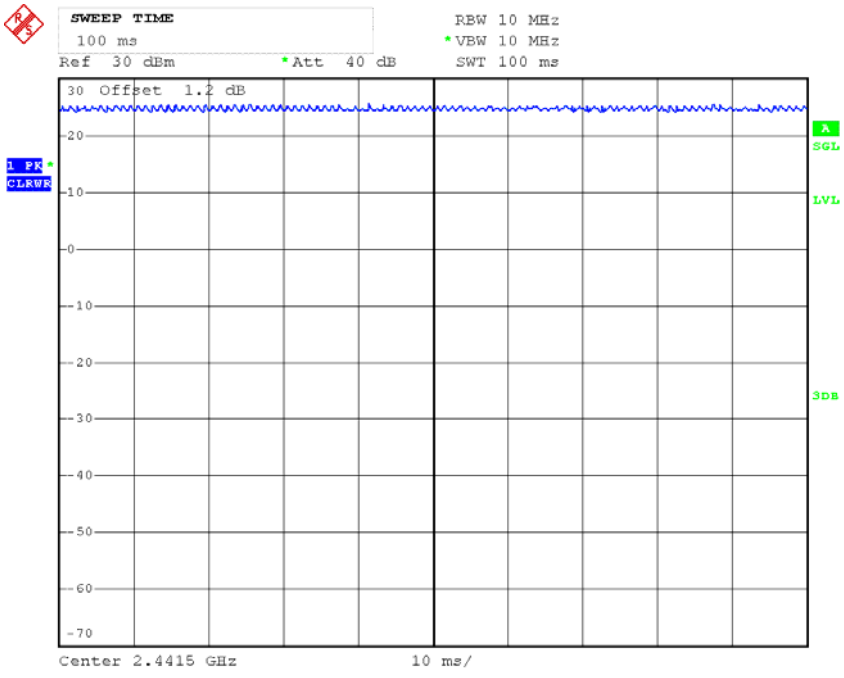
20MHz



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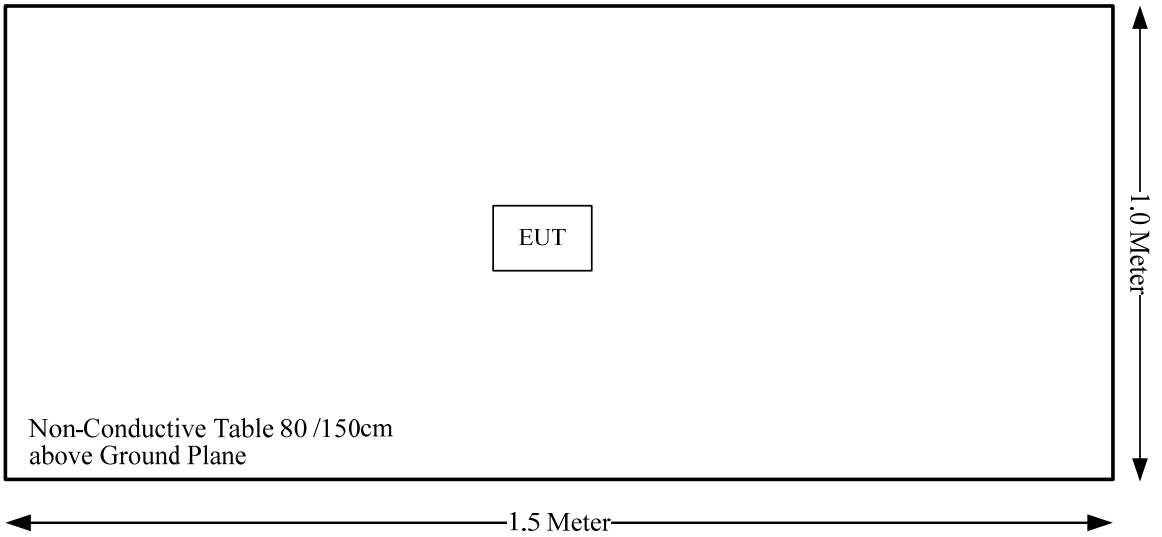
Block Diagram of Test Setup



SUMMARY OF TEST RESULTS

Rules	Description of Test	Result
FCC §15.247 (i) & §1.1310 & §2.1093 RSS-102 §4	RF Exposure	Compliance
FCC§15.203 RSS-GEN§8.3	Antenna Requirement	Compliance
§15.207 (a) RSS-Gen §8.8	AC Line Conducted Emissions	Not Applicable
§15.205, §15.209, §15.247(d) RSS-247 §5.5 RSS-Gen §8.10	Spurious Emissions	Compliance
§15.247 (a)(2) RSS-247 §5.2 a)	6 dB Emission Bandwidth And 99% Occupied Bandwidth	Compliance
§15.247(b)(3) RSS-247 §5.4 d)	Maximum conducted output power	Compliance
§15.247(d) RSS-247 §5.5	100 kHz Bandwidth of Frequency Band Edge	Compliance
§15.247 (e) RSS-247 §5.2 b)	Power Spectral Density	Compliance

Not Applicable: The device powered by battery.

FCC §15.247 (i) & §1.1310 & §2.1093, RSS-102 §4- RF EXPOSURE

Applicable Standard

According to§15.247(i),§1.1310 and §2.1093.

According to RSS-102 §4 Table 3, SAR limits for device used by the general public

Body Region	Average SAR (W/Kg)	Averaging Time (minutes)	Mass Average (g)
Whole Body	0.08	6	Whole Body
Localized Head, Neck and Trunk	1.6	6	1
Localized Limbs	4	6	10

Test Result

Compliant, please refer to the SAR report: RDG180206002-20A and RDG180206002-20B.

FCC §15.203 ,RSS-GEN§8.3- ANTENNA REQUIREMENT

Applicable Standard

According to § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the user of a standard antenna jack or electrical connector is prohibited. The structure and application of the EUT were analyzed to determine compliance with section §15.203 of the rules. §15.203 state that the subject device must meet the following criteria:

a. Antenna must be permanently attached to the unit.
b. Antenna must use a unique type of connector to attach to the EUT.
Unit must be professionally installed, and installer shall be responsible for verifying that the correct antenna is employed with the unit.

According to RSS-Gen §8.3, The applicant for equipment certification, as per RSP-100, must provide a list of all antenna types that may be used with the licence-exempt transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna.
Licence-exempt transmitters that have received equipment certification may operate with different types of antennas. However, it is not permissible to exceed the maximum equivalent isotropically radiated power (e.i.r.p.) limits specified in the applicable standard (RSS) for the licence-exempt apparatus.

Testing shall be performed using the highest gain antenna of each combination of licence-exempt transmitter and antenna type, with the transmitter output power set at the maximum level.9 When a measurement at the antenna connector is used to determine RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna manufacturer.

User manuals for transmitters equipped with detachable antennas shall also contain the following notice in a conspicuous location:

This radio transmitter (identify the device by certification number or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Immediately following the above notice, the manufacturer shall provide a list of all antenna types approved for use with the transmitter, indicating the maximum permissible antenna gain (in dBi).

Antenna Information And Connector Construction

The EUT have two internal antennas for WIFI mode and two external antenna for 1.4/10/20MHz mode. fulfill the requirement of the item.And the antennas gain in the below information list,

Antenna	Brand	Model	Antenna Type	Antenna Connector	Maximum Antenna gain (dBi)
1.4/10/20MHz	DJI	GL300K_ANT	PCB Pattern	IPEX	2.4G band: 3.30dBi 5.8G band: 4.48dBi
802.11a/b/g/n HT20	DJI	YC.DZ.A00122	FPC Pattern	IPEX	2.4G band: 4.9dBi 5150-5250 band: 3.51dBi 5750-5850 band: 6.07 dBi

Result: Compliance.

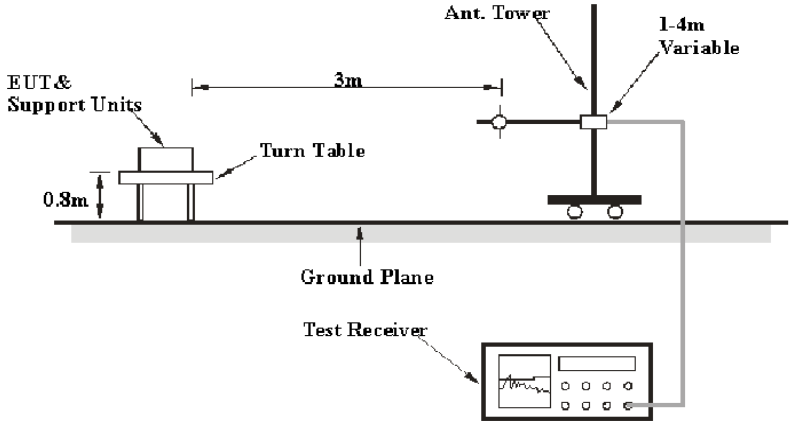
FCC §15.209, §15.205 , §15.247(d) & RSS-247 §5.5&RSS-GEN§8.10- SPURIOUS EMISSIONS

Applicable Standard

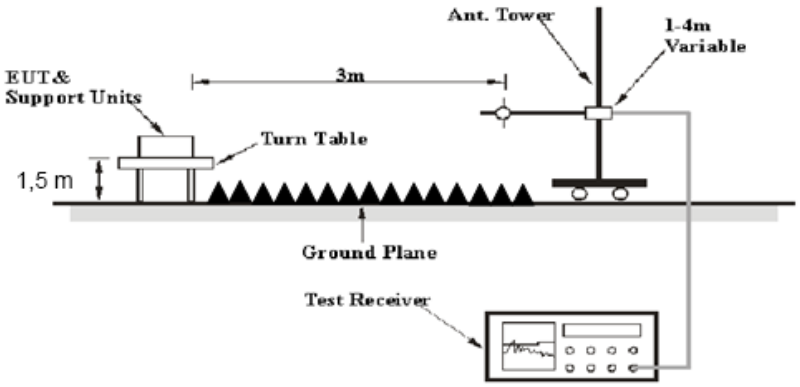
FCC §15.247 (d); §15.209; §15.205; and RSS-247 §5.5, RSS-GEN §8.10

EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.247 and RSS-247 §5.5, RSS-Gen §8.10 limits.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 30 MHz to 25 GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

30-1000MHz:

Measurement	RBW	Video B/W	IF B/W
QP	120 kHz	300 kHz	120kHz

1GHz- 25GHz:

Measurement	Duty cycle	RBW	Video B/W
PK	Any	1MHz	3 MHz
Ave.	>98%	1MHz	10 Hz
	<98%	1MHz	1/T

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

Data was recorded in Quasi-peak detection mode for frequency range of 30 MHz-1 GHz, peak and Average detection modes for frequencies above 1 GHz.

All emissions under the average limit and under the noise floor have not recorded in the report.

Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Meter Reading. The basic equation is as follows:

Corrected Amplitude = Meter Reading + Antenna Factor + Cable Loss - Amplifier Gain

The "**Margin**" column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin = Limit –Corrected Amplitude

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	EMI Test Receiver	ESCI	100224	2017-09-01	2018-09-01
Sunol Sciences	Antenna	JB3	A060611-2	2017-08-25	2020-08-25
HP	Amplifier	8447D	2727A05902	2017-09-05	2018-09-05
unknown	Coaxial Cable	4m	C0400/01	2017-09-05	2018-09-05
unknown	Coaxial Cable	0.75m	C0075/01	2017-09-05	2018-09-05
unknown	Coaxial Cable	10m	C1000/01	2017-09-05	2018-09-05
Agilent	Spectrum Analyzer	E4440A	SG43360054	2018-01-04	2019-01-04
ETS-Lindgren	Horn Antenna	3115	000 527 35	2016-01-05	2019-01-05
MITEQ	Amplifier	AFS42-00101800-25-S-42	2001271	2017-09-05	2018-09-05
Quinstar	Amplifier	QLW-18405536-JO	15964001001	2017-06-27	2018-06-27
Ducommun Technolagies	Horn Antenna	ARH-4223-02	1007726-02 1304	2017-06-16	2020-06-15
unknown	Coaxial Cable	8m	C0800/01	2017-09-05	2018-09-05
Chengdu OuLi	Bandrejector Filter	2400-2483.5	001	2017-09-05	2018-09-05
Farad	Test Software	EZ-EMC	V1.1.4.2	N/A	N/A

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

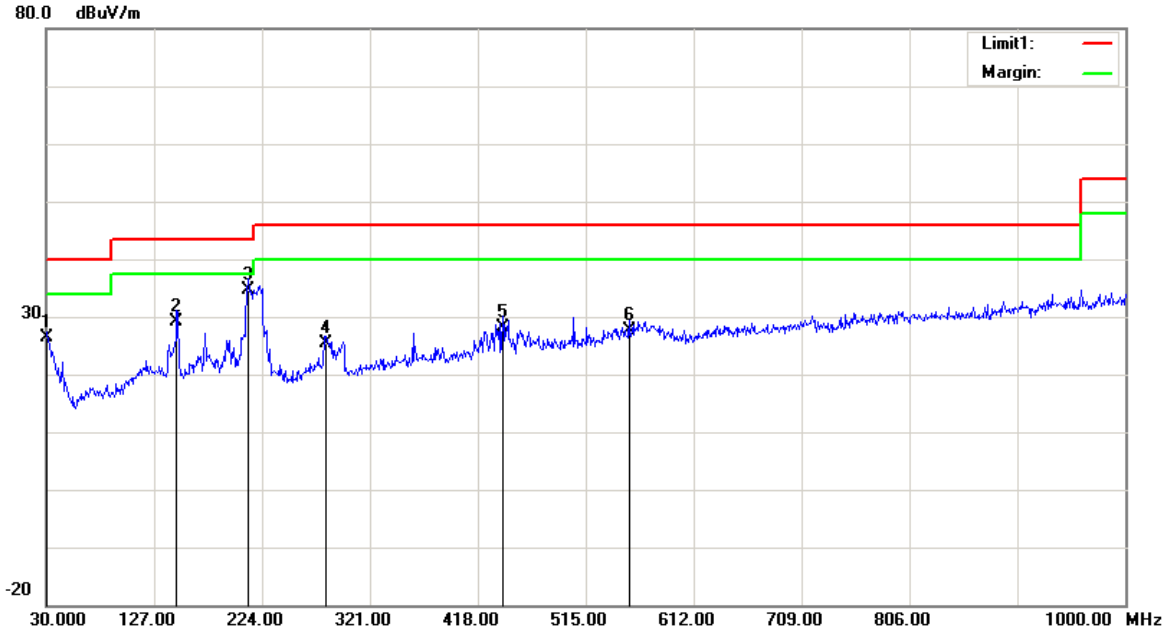
Temperature:	18.4 ~ 20.1 °C
Relative Humidity:	41 ~ 42 %
ATM Pressure:	101.3 ~ 102 kPa

The testing was performed by Steven Zuo and George Pang on 2018-02-11 and 2018-02-13.

Test Mode: Transmitting

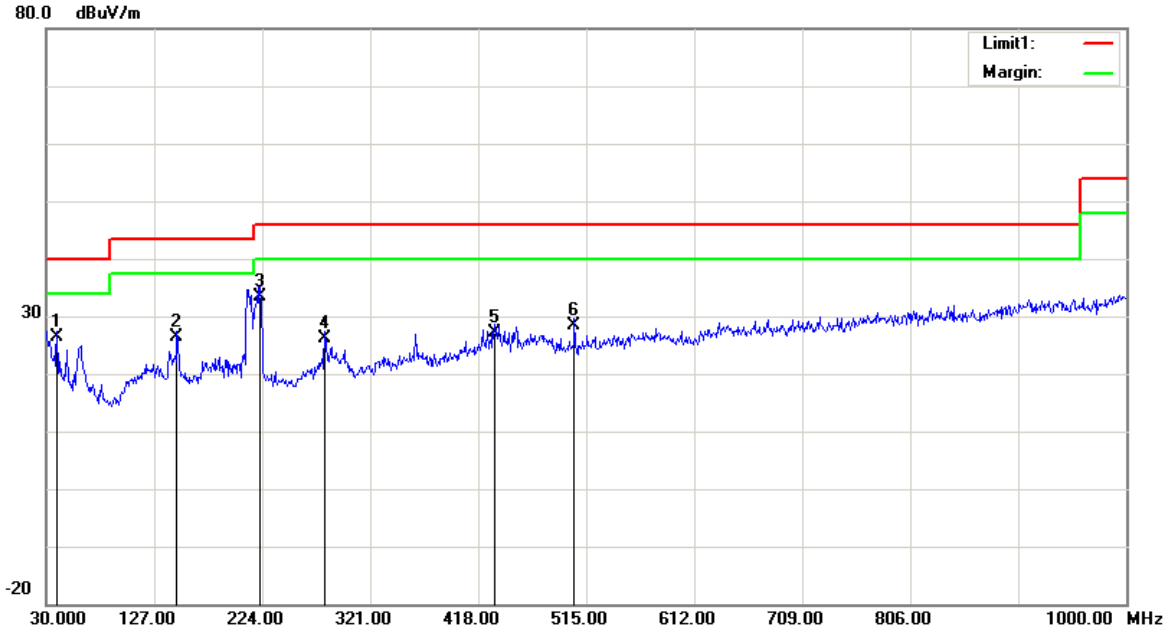
1) 30MHz-1GHz(Chain 0 1.4MHz mode middle channel was the worst):

Horizontal:



Frequency (MHz)	Receiver Reading (dBµV)	Detector	Correction Factor (dB/m)	Cord. Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
30.9700	26.05	QP	0.35	26.40	40.00	13.60
147.3700	35.59	QP	-6.49	29.10	43.50	14.40
211.3900	42.07	QP	-7.37	34.70	43.50	8.80
281.2300	28.93	QP	-3.63	25.30	46.00	20.70
440.3100	29.72	QP	-1.62	28.10	46.00	17.90
553.8000	27.95	QP	-0.35	27.60	46.00	18.40

Vertical:



Frequency (MHz)	Receiver Reading (dBµV)	Detector t	Correction Factor (dB/m)	Cord. Amp. (dBµV/m)	Limit (dBµV/m)	Margin (dB)
39.7000	32.49	QP	-6.09	26.40	40.00	13.60
147.3700	32.99	QP	-6.49	26.50	43.50	17.00
222.0600	40.14	QP	-6.74	33.40	46.00	12.60
280.2600	29.81	QP	-3.61	26.20	46.00	19.80
432.5500	29.03	QP	-1.83	27.20	46.00	18.80
504.3300	29.41	QP	-0.91	28.50	46.00	17.50

2) 1-25GHz:

802.11b Mode(MIMO was the worst):

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector	Polar (H/V)	Factor (dB/m)					
Low Channel: 2412 MHz									
2412.00	71.70	PK	H	28.12	1.81	0.00	101.63	N/A	N/A
2412.00	68.04	AV	H	28.12	1.81	0.00	97.97	N/A	N/A
2412.00	73.19	PK	V	28.12	1.81	0.00	103.12	N/A	N/A
2412.00	69.65	AV	V	28.12	1.81	0.00	99.58	N/A	N/A
2390.00	26.25	PK	V	28.08	1.80	0.00	56.13	74.00	17.87
2390.00	13.10	AV	V	28.08	1.80	0.00	42.98	54.00	11.02
4824.00	49.53	PK	V	32.95	3.19	37.20	48.47	74.00	25.53
4824.00	36.34	AV	V	32.95	3.19	37.20	35.28	54.00	18.72
7236.00	47.26	PK	V	35.81	4.77	37.27	50.57	74.00	23.43
7236.00	34.52	AV	V	35.81	4.77	37.27	37.83	54.00	16.17
Middle Channel: 2437 MHz									
2437.00	72.82	PK	H	28.17	1.82	0.00	102.81	N/A	N/A
2437.00	69.27	AV	H	28.17	1.82	0.00	99.26	N/A	N/A
2437.00	73.28	PK	V	28.17	1.82	0.00	103.27	N/A	N/A
2437.00	69.71	AV	V	28.17	1.82	0.00	99.70	N/A	N/A
4874.00	49.67	PK	V	33.05	3.26	37.21	48.77	74.00	25.23
4874.00	36.22	AV	V	33.05	3.26	37.21	35.32	54.00	18.68
7311.00	47.18	PK	V	36.01	4.64	37.36	50.47	74.00	23.53
7311.00	34.53	AV	V	36.01	4.64	37.36	37.82	54.00	16.18
High Channel: 2462 MHz									
2462.00	73.63	PK	H	28.22	1.83	0.00	103.68	N/A	N/A
2462.00	69.88	AV	H	28.22	1.83	0.00	99.93	N/A	N/A
2462.00	75.45	PK	V	28.22	1.83	0.00	105.50	N/A	N/A
2462.00	71.95	AV	V	28.22	1.83	0.00	102.00	N/A	N/A
2483.50	26.76	PK	V	28.27	1.84	0.00	56.87	74.00	17.13
2483.50	13.80	AV	V	28.27	1.84	0.00	43.91	54.00	10.09
4924.00	50.16	PK	V	33.15	3.27	37.22	49.36	74.00	24.64
4924.00	36.82	AV	V	33.15	3.27	37.22	36.02	54.00	17.98
7386.00	48.09	PK	V	36.20	4.51	37.46	51.34	74.00	22.66
7386.00	35.42	AV	V	36.20	4.51	37.46	38.67	54.00	15.33

802.11g Mode(MIMO was the worst):

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector	Polar (H/V)	Factor (dB/m)					
Low Channel: 2412 MHz									
2412.00	75.70	PK	H	28.12	1.81	0.00	105.63	N/A	N/A
2412.00	64.41	AV	H	28.12	1.81	0.00	94.34	N/A	N/A
2412.00	77.60	PK	V	28.12	1.81	0.00	107.53	N/A	N/A
2412.00	66.65	AV	V	28.12	1.81	0.00	96.58	N/A	N/A
2390.00	40.53	PK	V	28.08	1.80	0.00	70.41	74.00	3.59
2390.00	19.45	AV	V	28.08	1.80	0.00	49.33	54.00	4.67
4824.00	47.63	PK	V	32.95	3.19	37.20	46.57	74.00	27.43
4824.00	34.85	AV	V	32.95	3.19	37.20	33.79	54.00	20.21
7236.00	47.41	PK	V	35.81	4.77	37.27	50.72	74.00	23.28
7236.00	34.67	AV	V	35.81	4.77	37.27	37.98	54.00	16.02
Middle Channel:2437 MHz									
2437.00	76.21	PK	H	28.17	1.82	0.00	106.20	N/A	N/A
2437.00	65.13	AV	H	28.17	1.82	0.00	95.12	N/A	N/A
2437.00	76.89	PK	V	28.17	1.82	0.00	106.88	N/A	N/A
2437.00	65.77	AV	V	28.17	1.82	0.00	95.76	N/A	N/A
4874.00	47.39	PK	V	33.05	3.26	37.21	46.49	74.00	27.51
4874.00	34.58	AV	V	33.05	3.26	37.21	33.68	54.00	20.32
7311.00	48.06	PK	V	36.01	4.64	37.36	51.35	74.00	22.65
7311.00	34.86	AV	V	36.01	4.64	37.36	38.15	54.00	15.85
Low Channel:2462 MHz									
2462.00	75.35	PK	H	28.22	1.83	0.00	105.40	N/A	N/A
2462.00	64.68	AV	H	28.22	1.83	0.00	94.73	N/A	N/A
2462.00	76.35	PK	V	28.22	1.83	0.00	106.40	N/A	N/A
2462.00	65.72	AV	V	28.22	1.83	0.00	95.77	N/A	N/A
2483.50	41.10	PK	V	28.27	1.84	0.00	71.21	74.00	2.79
2483.50	19.86	AV	V	28.27	1.84	0.00	49.97	54.00	4.03
4924.00	47.56	PK	V	33.15	3.27	37.22	46.76	74.00	27.24
4924.00	34.69	AV	V	33.15	3.27	37.22	33.89	54.00	20.11
7386.00	47.37	PK	V	36.20	4.51	37.46	50.62	74.00	23.38
7386.00	34.28	AV	V	36.20	4.51	37.46	37.53	54.00	16.47

802.11n ht20 Mode(MIMO was the worst):

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector	Polar (H/V)	Factor (dB/m)					
Low Channel: 2412 MHz									
2412.00	74.17	PK	H	28.12	1.81	0.00	104.10	N/A	N/A
2412.00	62.64	AV	H	28.12	1.81	0.00	92.57	N/A	N/A
2412.00	76.10	PK	V	28.12	1.81	0.00	106.03	N/A	N/A
2412.00	64.73	AV	V	28.12	1.81	0.00	94.66	N/A	N/A
2390.00	41.40	PK	V	28.08	1.80	0.00	71.28	74.00	2.72
2390.00	21.32	AV	V	28.08	1.80	0.00	51.20	54.00	2.80
4824.00	48.13	PK	V	32.95	3.19	37.20	47.07	74.00	26.93
4824.00	34.82	AV	V	32.95	3.19	37.20	33.76	54.00	20.24
7236.00	47.76	PK	V	35.81	4.77	37.27	51.07	74.00	22.93
7236.00	34.70	AV	V	35.81	4.77	37.27	38.01	54.00	15.99
Middle channel: 2437 MHz									
2437.00	75.30	PK	H	28.17	1.82	0.00	105.29	N/A	N/A
2437.00	64.86	AV	H	28.17	1.82	0.00	94.85	N/A	N/A
2437.00	76.79	PK	V	28.17	1.82	0.00	106.78	N/A	N/A
2437.00	65.28	AV	V	28.17	1.82	0.00	95.27	N/A	N/A
4874.00	47.62	PK	V	33.05	3.26	37.21	46.72	74.00	27.28
4874.00	34.39	AV	V	33.05	3.26	37.21	33.49	54.00	20.51
7311.00	48.07	PK	V	36.01	4.64	37.36	51.36	74.00	22.64
7311.00	34.83	AV	V	36.01	4.64	37.36	38.12	54.00	15.88
High Channel: 2462 MHz									
2462.00	75.64	PK	H	28.22	1.83	0.00	105.69	N/A	N/A
2462.00	64.45	AV	H	28.22	1.83	0.00	94.50	N/A	N/A
2462.00	76.35	PK	V	28.22	1.83	0.00	106.40	N/A	N/A
2462.00	65.06	AV	V	28.22	1.83	0.00	95.11	N/A	N/A
2483.50	43.67	PK	V	28.27	1.84	0.00	73.78	74.00	0.22
2483.50	20.93	AV	V	28.27	1.84	0.00	51.04	54.00	2.96
4924.00	48.22	PK	V	33.15	3.27	37.22	47.42	74.00	26.58
4924.00	35.14	AV	V	33.15	3.27	37.22	34.34	54.00	19.66
7386.00	47.72	PK	V	36.20	4.51	37.46	50.97	74.00	23.03
7386.00	34.49	AV	V	36.20	4.51	37.46	37.74	54.00	16.26

1.4MHz Mode, Chain 0:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
Low Channel: 2403.5 MHz									
2403.50	82.15	PK	H	28.11	1.80	0.00	112.06	N/A	N/A
2403.50	72.34	AV	H	28.11	1.80	0.00	102.25	N/A	N/A
2403.50	93.85	PK	V	28.11	1.80	0.00	123.76	N/A	N/A
2403.50	83.67	AV	V	28.11	1.80	0.00	113.58	N/A	N/A
2390.00	26.75	PK	V	28.08	1.80	0.00	56.63	74.00	17.37
2390.00	13.86	AV	V	28.08	1.80	0.00	43.74	54.00	10.26
4807.00	62.55	PK	V	32.91	3.17	37.20	61.43	74.00	12.57
4807.00	49.62	AV	V	32.91	3.17	37.20	48.50	54.00	5.50
7210.50	45.42	PK	V	35.75	4.81	37.24	48.74	74.00	25.26
7210.50	35.64	AV	V	35.75	4.81	37.24	38.96	54.00	15.04
Middle Channel: 2441.5 MHz									
2441.50	82.06	PK	H	28.18	1.82	0.00	112.06	N/A	N/A
2441.50	72.17	AV	H	28.18	1.82	0.00	102.17	N/A	N/A
2441.50	92.62	PK	V	28.18	1.82	0.00	122.62	N/A	N/A
2441.50	82.59	AV	V	28.18	1.82	0.00	112.59	N/A	N/A
4883.00	61.35	PK	V	33.07	3.28	37.21	60.49	74.00	13.51
4883.00	48.69	AV	V	33.07	3.28	37.21	47.83	54.00	6.17
7324.50	44.39	PK	V	36.04	4.62	37.38	47.67	74.00	26.33
7324.50	34.75	AV	V	36.04	4.62	37.38	38.03	54.00	15.97
High Channel: 2477.5 MHz									
2477.50	81.26	PK	H	28.26	1.84	0.00	111.36	N/A	N/A
2477.50	71.45	AV	H	28.26	1.84	0.00	101.55	N/A	N/A
2477.50	93.78	PK	V	28.26	1.84	0.00	123.88	N/A	N/A
2477.50	83.59	AV	V	28.26	1.84	0.00	113.69	N/A	N/A
2483.50	32.67	PK	V	28.27	1.84	0.00	62.78	74.00	11.22
2483.50	16.75	AV	V	28.27	1.84	0.00	46.86	54.00	7.14
4955.00	61.48	PK	V	33.21	3.23	37.24	60.68	74.00	13.32
4955.00	48.85	AV	V	33.21	3.23	37.24	48.05	54.00	5.95
7432.50	44.47	PK	V	36.32	4.43	37.51	47.71	74.00	26.29
7432.50	34.83	AV	V	36.32	4.43	37.51	38.07	54.00	15.93

1.4MHz Mode, Chain 1:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
Low Channel: 2403.5 MHz									
2403.50	82.79	PK	H	28.11	1.80	0.00	112.70	N/A	N/A
2403.50	72.65	AV	H	28.11	1.80	0.00	102.56	N/A	N/A
2403.50	93.14	PK	V	28.11	1.80	0.00	123.05	N/A	N/A
2403.50	83.28	AV	V	28.11	1.80	0.00	113.19	N/A	N/A
2390.00	26.96	PK	V	28.08	1.80	0.00	56.84	74.00	17.16
2390.00	14.53	AV	V	28.08	1.80	0.00	44.41	54.00	9.59
4807.00	61.44	PK	V	32.91	3.17	37.20	60.32	74.00	13.68
4807.00	48.72	AV	V	32.91	3.17	37.20	47.60	54.00	6.40
7210.50	44.29	PK	V	35.75	4.81	37.24	47.61	74.00	26.39
7210.50	34.57	AV	V	35.75	4.81	37.24	37.89	54.00	16.11
Middle Channel: 2441.5 MHz									
2441.50	81.12	PK	H	28.18	1.82	0.00	111.12	N/A	N/A
2441.50	71.33	AV	H	28.18	1.82	0.00	101.33	N/A	N/A
2441.50	93.14	PK	V	28.18	1.82	0.00	123.14	N/A	N/A
2441.50	83.73	AV	V	28.18	1.82	0.00	113.73	N/A	N/A
4883.00	61.33	PK	V	33.07	3.28	37.21	60.47	74.00	13.53
4883.00	48.87	AV	V	33.07	3.28	37.21	48.01	54.00	5.99
7324.50	44.21	PK	V	36.04	4.62	37.38	47.49	74.00	26.51
7324.50	34.95	AV	V	36.04	4.62	37.38	38.23	54.00	15.77
High Channel: 2477.5 MHz									
2477.50	81.24	PK	H	28.26	1.84	0.00	111.34	N/A	N/A
2477.50	71.31	AV	H	28.26	1.84	0.00	101.41	N/A	N/A
2477.50	93.25	PK	V	28.26	1.84	0.00	123.35	N/A	N/A
2477.50	83.76	AV	V	28.26	1.84	0.00	113.86	N/A	N/A
2483.50	32.57	PK	V	28.27	1.84	0.00	62.68	74.00	11.32
2483.50	16.86	AV	V	28.27	1.84	0.00	46.97	54.00	7.03
4955.00	61.28	PK	V	33.21	3.23	37.24	60.48	74.00	13.52
4955.00	48.80	AV	V	33.21	3.23	37.24	48.00	54.00	6.00
7432.50	44.50	PK	V	36.32	4.43	37.51	47.74	74.00	26.26
7432.50	34.67	AV	V	36.32	4.43	37.51	37.91	54.00	16.09

10MHz mode, Chain 0:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
Low Channel: 2405.5 MHz									
2405.50	65.69	PK	H	28.11	1.80	0.00	95.60	N/A	N/A
2405.50	55.46	AV	H	28.11	1.80	0.00	85.37	N/A	N/A
2405.50	76.48	PK	V	28.11	1.80	0.00	106.39	N/A	N/A
2405.50	66.53	AV	V	28.11	1.80	0.00	96.44	N/A	N/A
2390.00	25.86	PK	V	28.08	1.80	0.00	55.74	74.00	18.26
2390.00	13.59	AV	V	28.08	1.80	0.00	43.47	54.00	10.53
4811.00	47.65	PK	V	32.92	3.18	37.20	46.55	74.00	27.45
4811.00	35.49	AV	V	32.92	3.18	37.20	34.39	54.00	19.61
7216.50	45.26	PK	V	35.76	4.80	37.24	48.58	74.00	25.42
7216.50	34.37	AV	V	35.76	4.80	37.24	37.69	54.00	16.31
2406.5 MHz									
2406.50	76.92	PK	V	28.11	1.80	0.00	106.83	N/A	N/A
2406.50	66.85	AV	V	28.11	1.80	0.00	96.76	N/A	N/A
2390.00	25.43	PK	V	28.08	1.80	0.00	55.31	74.00	18.69
2390.00	14.26	AV	V	28.08	1.80	0.00	44.14	54.00	9.86
2407.5 MHz									
2407.50	77.86	PK	V	28.12	1.80	0.00	107.78	N/A	N/A
2407.50	67.59	AV	V	28.12	1.80	0.00	97.51	N/A	N/A
2390.00	25.42	PK	V	28.08	1.80	0.00	55.30	74.00	18.70
2390.00	14.16	AV	V	28.08	1.80	0.00	44.04	54.00	9.96
2408.5 MHz									
2408.50	78.53	PK	V	28.12	1.80	0.00	108.45	N/A	N/A
2408.50	68.45	AV	V	28.12	1.80	0.00	98.37	N/A	N/A
2390.00	25.39	PK	V	28.08	1.80	0.00	55.27	74.00	18.73
2390.00	14.22	AV	V	28.08	1.80	0.00	44.10	54.00	9.90
2409.5 MHz									
2409.50	79.34	PK	V	28.12	1.80	0.00	109.26	N/A	N/A
2409.50	69.42	AV	V	28.12	1.80	0.00	99.34	N/A	N/A
2390.00	25.27	PK	V	28.08	1.80	0.00	55.15	74.00	18.85
2390.00	14.13	AV	V	28.08	1.80	0.00	44.01	54.00	9.99
2410.5 MHz									
2410.50	79.64	PK	V	28.12	1.81	0.00	109.57	N/A	N/A
2410.50	69.55	AV	V	28.12	1.81	0.00	99.48	N/A	N/A
2390.00	25.38	PK	V	28.08	1.80	0.00	55.26	74.00	18.74
2390.00	14.25	AV	V	28.08	1.80	0.00	44.13	54.00	9.87
2411.5 MHz									
2411.50	79.76	PK	V	28.12	1.81	0.00	109.69	N/A	N/A
2411.50	69.53	AV	V	28.12	1.81	0.00	99.46	N/A	N/A
2390.00	25.48	PK	V	28.08	1.80	0.00	55.36	74.00	18.64
2390.00	14.37	AV	V	28.08	1.80	0.00	44.25	54.00	9.75
2412.5 MHz									
2412.50	79.82	PK	V	28.13	1.81	0.00	109.76	N/A	N/A
2412.50	69.37	AV	V	28.13	1.81	0.00	99.31	N/A	N/A
2390.00	25.64	PK	V	28.08	1.80	0.00	55.52	74.00	18.48
2390.00	14.43	AV	V	28.08	1.80	0.00	44.31	54.00	9.69
2413.5 MHz									
2413.50	79.91	PK	V	28.13	1.81	0.00	109.85	N/A	N/A
2413.50	69.23	AV	V	28.13	1.81	0.00	99.17	N/A	N/A
2390.00	25.44	PK	V	28.08	1.80	0.00	55.32	74.00	18.68
2390.00	14.21	AV	V	28.08	1.80	0.00	44.09	54.00	9.91

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2414.5 MHz									
2414.50	80.54	PK	V	28.13	1.81	0.00	110.48	N/A	N/A
2414.50	70.39	AV	V	28.13	1.81	0.00	100.33	N/A	N/A
2390.00	26.15	PK	V	28.08	1.80	0.00	56.03	74.00	17.97
2390.00	14.84	AV	V	28.08	1.80	0.00	44.72	54.00	9.28
2415.5 MHz									
2415.50	81.26	PK	V	28.13	1.81	0.00	111.20	N/A	N/A
2415.50	71.34	AV	V	28.13	1.81	0.00	101.28	N/A	N/A
2390.00	26.53	PK	V	28.08	1.80	0.00	56.41	74.00	17.59
2390.00	14.76	AV	V	28.08	1.80	0.00	44.64	54.00	9.36
2416.5 MHz									
2416.50	81.93	PK	V	28.13	1.81	0.00	111.87	N/A	N/A
2416.50	71.77	AV	V	28.13	1.81	0.00	101.71	N/A	N/A
2390.00	26.35	PK	V	28.08	1.80	0.00	56.23	74.00	17.77
2390.00	14.69	AV	V	28.08	1.80	0.00	44.57	54.00	9.43
2417.5 MHz									
2417.50	82.34	PK	V	28.14	1.81	0.00	112.29	N/A	N/A
2417.50	72.56	AV	V	28.14	1.81	0.00	102.51	N/A	N/A
2390.00	26.49	PK	V	28.08	1.80	0.00	56.37	74.00	17.63
2390.00	14.87	AV	V	28.08	1.80	0.00	44.75	54.00	9.25
Middle Channel: 2441.5 MHz									
2441.50	73.45	PK	H	28.18	1.82	0.00	103.45	N/A	N/A
2441.50	63.51	AV	H	28.18	1.82	0.00	93.51	N/A	N/A
2441.50	83.39	PK	V	28.18	1.82	0.00	113.39	N/A	N/A
2441.50	73.62	AV	V	28.18	1.82	0.00	103.62	N/A	N/A
4883.00	48.26	PK	V	33.07	3.28	37.21	47.40	74.00	26.60
4883.00	35.87	AV	V	33.07	3.28	37.21	35.01	54.00	18.99
7324.50	46.26	PK	V	36.04	4.62	37.38	49.54	74.00	24.46
7324.50	34.48	AV	V	36.04	4.62	37.38	37.76	54.00	16.24
2456.5 MHz									
2456.50	83.22	PK	V	28.21	1.83	0.00	113.26	N/A	N/A
2456.50	73.12	AV	V	28.21	1.83	0.00	103.16	N/A	N/A
2483.50	32.43	PK	V	28.27	1.84	0.00	62.54	74.00	11.46
2483.50	16.76	AV	V	28.27	1.84	0.00	46.87	54.00	7.13
2457.5 MHz									
2457.50	83.24	PK	V	28.22	1.83	0.00	113.29	N/A	N/A
2457.50	73.37	AV	V	28.22	1.83	0.00	103.42	N/A	N/A
2483.50	32.63	PK	V	28.27	1.84	0.00	62.74	74.00	11.26
2483.50	16.87	AV	V	28.27	1.84	0.00	46.98	54.00	7.02
2458.5 MHz									
2458.50	82.18	PK	V	28.22	1.83	0.00	112.23	N/A	N/A
2458.50	72.32	AV	V	28.22	1.83	0.00	102.37	N/A	N/A
2483.50	32.58	PK	V	28.27	1.84	0.00	62.69	74.00	11.31
2483.50	16.75	AV	V	28.27	1.84	0.00	46.86	54.00	7.14
2459.5 MHz									
2459.50	82.15	PK	V	28.22	1.83	0.00	112.20	N/A	N/A
2459.50	72.42	AV	V	28.22	1.83	0.00	102.47	N/A	N/A
2483.50	31.62	PK	V	28.27	1.84	0.00	61.73	74.00	12.27
2483.50	16.86	AV	V	28.27	1.84	0.00	46.97	54.00	7.03

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2460.5 MHz									
2460.50	81.84	PK	V	28.22	1.83	0.00	111.89	N/A	N/A
2460.50	71.76	AV	V	28.22	1.83	0.00	101.81	N/A	N/A
2483.50	31.43	PK	V	28.27	1.84	0.00	61.54	74.00	12.46
2483.50	16.57	AV	V	28.27	1.84	0.00	46.68	54.00	7.32
2461.5 MHz									
2461.50	81.65	PK	V	28.22	1.83	0.00	111.70	N/A	N/A
2461.50	71.59	AV	V	28.22	1.83	0.00	101.64	N/A	N/A
2483.50	32.67	PK	V	28.27	1.84	0.00	62.78	74.00	11.22
2483.50	16.83	AV	V	28.27	1.84	0.00	46.94	54.00	7.06
2462.5 MHz									
2462.50	80.33	PK	V	28.23	1.83	0.00	110.39	N/A	N/A
2462.50	70.46	AV	V	28.23	1.83	0.00	100.52	N/A	N/A
2483.50	31.64	PK	V	28.27	1.84	0.00	61.75	74.00	12.25
2483.50	16.75	AV	V	28.27	1.84	0.00	46.86	54.00	7.14
2463.5 MHz									
2463.50	79.89	PK	V	28.23	1.83	0.00	109.95	N/A	N/A
2463.50	69.56	AV	V	28.23	1.83	0.00	99.62	N/A	N/A
2483.50	31.37	PK	V	28.27	1.84	0.00	61.48	74.00	12.52
2483.50	16.52	AV	V	28.27	1.84	0.00	46.63	54.00	7.37
2464.5 MHz									
2464.50	79.16	PK	V	28.23	1.83	0.00	109.22	N/A	N/A
2464.50	69.35	AV	V	28.23	1.83	0.00	99.41	N/A	N/A
2483.50	31.24	PK	V	28.27	1.84	0.00	61.35	74.00	12.65
2483.50	16.68	AV	V	28.27	1.84	0.00	46.79	54.00	7.21
2465.5 MHz									
2465.50	78.82	PK	V	28.23	1.83	0.00	108.88	N/A	N/A
2465.50	68.75	AV	V	28.23	1.83	0.00	98.81	N/A	N/A
2483.50	31.62	PK	V	28.27	1.84	0.00	61.73	74.00	12.27
2483.50	16.59	AV	V	28.27	1.84	0.00	46.70	54.00	7.30
2466.5 MHz									
2466.50	75.75	PK	V	28.23	1.83	0.00	105.81	N/A	N/A
2466.50	65.63	AV	V	28.23	1.83	0.00	95.69	N/A	N/A
2483.50	31.46	PK	V	28.27	1.84	0.00	61.57	74.00	12.43
2483.50	16.58	AV	V	28.27	1.84	0.00	46.69	54.00	7.31
2467.5 MHz									
2467.50	75.54	PK	V	28.24	1.83	0.00	105.61	N/A	N/A
2467.50	65.62	AV	V	28.24	1.83	0.00	95.69	N/A	N/A
2483.50	31.48	PK	V	28.27	1.84	0.00	61.59	74.00	12.41
2483.50	16.54	AV	V	28.27	1.84	0.00	46.65	54.00	7.35
2468.5 MHz									
2468.50	74.42	PK	V	28.24	1.83	0.00	104.49	N/A	N/A
2468.50	64.37	AV	V	28.24	1.83	0.00	94.44	N/A	N/A
2483.50	30.84	PK	V	28.27	1.84	0.00	60.95	74.00	13.05
2483.50	16.43	AV	V	28.27	1.84	0.00	46.54	54.00	7.46
2469.5 MHz									
2469.50	74.17	PK	V	28.24	1.83	0.00	104.24	N/A	N/A
2469.50	64.45	AV	V	28.24	1.83	0.00	94.52	N/A	N/A
2483.50	30.67	PK	V	28.27	1.84	0.00	60.78	74.00	13.22
2483.50	16.28	AV	V	28.27	1.84	0.00	46.39	54.00	7.61

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2470.5 MHz									
2470.50	73.46	PK	V	28.24	1.84	0.00	103.54	N/A	N/A
2470.50	63.53	AV	V	28.24	1.84	0.00	93.61	N/A	N/A
2483.50	30.39	PK	V	28.27	1.84	0.00	60.50	74.00	13.50
2483.50	16.45	AV	V	28.27	1.84	0.00	46.56	54.00	7.44
2471.5 MHz									
2471.50	73.42	PK	V	28.24	1.84	0.00	103.50	N/A	N/A
2471.50	63.53	AV	V	28.24	1.84	0.00	93.61	N/A	N/A
2483.50	25.64	PK	V	28.27	1.84	0.00	55.75	74.00	18.25
2483.50	14.48	AV	V	28.27	1.84	0.00	44.59	54.00	9.41
2472.5 MHz									
2472.50	72.53	PK	V	28.25	1.84	0.00	102.62	N/A	N/A
2472.50	62.45	AV	V	28.25	1.84	0.00	92.54	N/A	N/A
2483.50	25.87	PK	V	28.27	1.84	0.00	55.98	74.00	18.02
2483.50	14.42	AV	V	28.27	1.84	0.00	44.53	54.00	9.47
2473.5 MHz									
2473.50	71.64	PK	V	28.25	1.84	0.00	101.73	N/A	N/A
2473.50	61.37	AV	V	28.25	1.84	0.00	91.46	N/A	N/A
2483.50	26.34	PK	V	28.27	1.84	0.00	56.45	74.00	17.55
2483.50	14.75	AV	V	28.27	1.84	0.00	44.86	54.00	9.14
2474.5 MHz									
2474.50	70.64	PK	V	28.25	1.84	0.00	100.73	N/A	N/A
2474.50	60.54	AV	V	28.25	1.84	0.00	90.63	N/A	N/A
2483.50	26.39	PK	V	28.27	1.84	0.00	56.50	74.00	17.50
2483.50	14.62	AV	V	28.27	1.84	0.00	44.73	54.00	9.27
2475.5 MHz									
2475.50	69.58	PK	V	28.25	1.84	0.00	99.67	N/A	N/A
2475.50	59.69	AV	V	28.25	1.84	0.00	89.78	N/A	N/A
2483.50	26.43	PK	V	28.27	1.84	0.00	56.54	74.00	17.46
2483.50	14.57	AV	V	28.27	1.84	0.00	44.68	54.00	9.32
2476.5 MHz									
2476.50	66.96	PK	V	28.25	1.84	0.00	97.05	N/A	N/A
2476.50	56.49	AV	V	28.25	1.84	0.00	86.58	N/A	N/A
2483.50	26.53	PK	V	28.27	1.84	0.00	56.64	74.00	17.36
2483.50	14.86	AV	V	28.27	1.84	0.00	44.97	54.00	9.03
High Channel: 2477.5 MHz									
2477.50	40.25	PK	H	28.26	1.84	0.00	70.35	N/A	N/A
2477.50	30.66	AV	H	28.26	1.84	0.00	60.76	N/A	N/A
2477.50	48.28	PK	V	28.26	1.84	0.00	78.38	N/A	N/A
2477.50	38.46	AV	V	28.26	1.84	0.00	68.56	N/A	N/A
2483.50	25.79	PK	V	28.27	1.84	0.00	55.90	74.00	18.10
2483.50	14.36	AV	V	28.27	1.84	0.00	44.47	54.00	9.53
4955.00	47.44	PK	V	33.21	3.23	37.24	46.64	74.00	27.36
4955.00	35.46	AV	V	33.21	3.23	37.24	34.66	54.00	19.34
7432.50	46.73	PK	V	36.32	4.43	37.51	49.97	74.00	24.03
7432.50	34.44	AV	V	36.32	4.43	37.51	37.68	54.00	16.32

10MHz mode, Chain 1:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
Low Channel: 2405.5 MHz									
2405.50	65.78	PK	H	28.11	1.80	0.00	95.69	N/A	N/A
2405.50	55.51	AV	H	28.11	1.80	0.00	85.42	N/A	N/A
2405.50	76.34	PK	V	28.11	1.80	0.00	106.25	N/A	N/A
2405.50	66.44	AV	V	28.11	1.80	0.00	96.35	N/A	N/A
2390.00	26.02	PK	V	28.08	1.80	0.00	55.90	74.00	18.10
2390.00	13.63	AV	V	28.08	1.80	0.00	43.51	54.00	10.49
4811.00	47.54	PK	V	32.92	3.18	37.20	46.44	74.00	27.56
4811.00	35.58	AV	V	32.92	3.18	37.20	34.48	54.00	19.52
7216.50	45.45	PK	V	35.76	4.80	37.24	48.77	74.00	25.23
7216.50	34.54	AV	V	35.76	4.80	37.24	37.86	54.00	16.14
2406.5 MHz									
2406.50	76.95	PK	V	28.11	1.80	0.00	106.86	N/A	N/A
2406.50	66.87	AV	V	28.11	1.80	0.00	96.78	N/A	N/A
2390.00	25.60	PK	V	28.08	1.80	0.00	55.48	74.00	18.52
2390.00	14.25	AV	V	28.08	1.80	0.00	44.13	54.00	9.87
2407.5 MHz									
2407.50	78.03	PK	V	28.12	1.80	0.00	107.95	N/A	N/A
2407.50	67.56	AV	V	28.12	1.80	0.00	97.48	N/A	N/A
2390.00	25.36	PK	V	28.08	1.80	0.00	55.24	74.00	18.76
2390.00	14.31	AV	V	28.08	1.80	0.00	44.19	54.00	9.81
2408.5 MHz									
2408.50	78.54	PK	V	28.12	1.80	0.00	108.46	N/A	N/A
2408.50	68.45	AV	V	28.12	1.80	0.00	98.37	N/A	N/A
2390.00	25.41	PK	V	28.08	1.80	0.00	55.29	74.00	18.71
2390.00	14.21	AV	V	28.08	1.80	0.00	44.09	54.00	9.91
2409.5 MHz									
2409.50	79.35	PK	V	28.12	1.80	0.00	109.27	N/A	N/A
2409.50	69.29	AV	V	28.12	1.80	0.00	99.21	N/A	N/A
2390.00	25.42	PK	V	28.08	1.80	0.00	55.30	74.00	18.70
2390.00	14.26	AV	V	28.08	1.80	0.00	44.14	54.00	9.86
2410.5 MHz									
2410.50	79.66	PK	V	28.12	1.81	0.00	109.59	N/A	N/A
2410.50	69.41	AV	V	28.12	1.81	0.00	99.34	N/A	N/A
2390.00	25.37	PK	V	28.08	1.80	0.00	55.25	74.00	18.75
2390.00	14.36	AV	V	28.08	1.80	0.00	44.24	54.00	9.76
2411.5 MHz									
2411.50	79.77	PK	V	28.12	1.81	0.00	109.70	N/A	N/A
2411.50	69.55	AV	V	28.12	1.81	0.00	99.48	N/A	N/A
2390.00	25.55	PK	V	28.08	1.80	0.00	55.43	74.00	18.57
2390.00	14.24	AV	V	28.08	1.80	0.00	44.12	54.00	9.88
2412.5 MHz									
2412.50	79.86	PK	V	28.13	1.81	0.00	109.80	N/A	N/A
2412.50	69.17	AV	V	28.13	1.81	0.00	99.11	N/A	N/A
2390.00	25.45	PK	V	28.08	1.80	0.00	55.33	74.00	18.67
2390.00	14.42	AV	V	28.08	1.80	0.00	44.30	54.00	9.70
2413.5 MHz									
2413.50	80.09	PK	V	28.13	1.81	0.00	110.03	N/A	N/A
2413.50	69.33	AV	V	28.13	1.81	0.00	99.27	N/A	N/A
2390.00	25.63	PK	V	28.08	1.80	0.00	55.51	74.00	18.49
2390.00	14.26	AV	V	28.08	1.80	0.00	44.14	54.00	9.86

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2414.5 MHz									
2414.50	80.68	PK	V	28.13	1.81	0.00	110.62	N/A	N/A
2414.50	70.52	AV	V	28.13	1.81	0.00	100.46	N/A	N/A
2390.00	26.01	PK	V	28.08	1.80	0.00	55.89	74.00	18.11
2390.00	14.93	AV	V	28.08	1.80	0.00	44.81	54.00	9.19
2415.5 MHz									
2415.50	81.39	PK	V	28.13	1.81	0.00	111.33	N/A	N/A
2415.50	71.22	AV	V	28.13	1.81	0.00	101.16	N/A	N/A
2390.00	26.59	PK	V	28.08	1.80	0.00	56.47	74.00	17.53
2390.00	14.83	AV	V	28.08	1.80	0.00	44.71	54.00	9.29
2416.5 MHz									
2416.50	81.74	PK	V	28.13	1.81	0.00	111.68	N/A	N/A
2416.50	71.97	AV	V	28.13	1.81	0.00	101.91	N/A	N/A
2390.00	26.41	PK	V	28.08	1.80	0.00	56.29	74.00	17.71
2390.00	14.63	AV	V	28.08	1.80	0.00	44.51	54.00	9.49
2417.5 MHz									
2417.50	82.45	PK	V	28.14	1.81	0.00	112.40	N/A	N/A
2417.50	72.74	AV	V	28.14	1.81	0.00	102.69	N/A	N/A
2390.00	26.59	PK	V	28.08	1.80	0.00	56.47	74.00	17.53
2390.00	15.01	AV	V	28.08	1.80	0.00	44.89	54.00	9.11
Middle Channel: 2441.5 MHz									
2441.50	73.64	PK	H	28.18	1.82	0.00	103.64	N/A	N/A
2441.50	63.29	AV	H	28.18	1.82	0.00	93.29	N/A	N/A
2441.50	83.12	PK	V	28.18	1.82	0.00	113.12	N/A	N/A
2441.50	73.78	AV	V	28.18	1.82	0.00	103.78	N/A	N/A
4883.00	48.24	PK	V	33.07	3.28	37.21	47.38	74.00	26.62
4883.00	35.98	AV	V	33.07	3.28	37.21	35.12	54.00	18.88
7324.50	46.25	PK	V	36.04	4.62	37.38	49.53	74.00	24.47
7324.50	34.34	AV	V	36.04	4.62	37.38	37.62	54.00	16.38
2456.5 MHz									
2456.50	83.33	PK	V	28.21	1.83	0.00	113.37	N/A	N/A
2456.50	73.21	AV	V	28.21	1.83	0.00	103.25	N/A	N/A
2483.50	32.43	PK	V	28.27	1.84	0.00	62.54	74.00	11.46
2483.50	16.43	AV	V	28.27	1.84	0.00	46.54	54.00	7.46
2457.5 MHz									
2457.50	82.44	PK	V	28.22	1.83	0.00	112.49	N/A	N/A
2457.50	72.35	AV	V	28.22	1.83	0.00	102.40	N/A	N/A
2483.50	32.58	PK	V	28.27	1.84	0.00	62.69	74.00	11.31
2483.50	16.79	AV	V	28.27	1.84	0.00	46.90	54.00	7.10
2458.5 MHz									
2458.50	81.31	PK	V	28.22	1.83	0.00	111.36	N/A	N/A
2458.50	71.13	AV	V	28.22	1.83	0.00	101.18	N/A	N/A
2483.50	32.47	PK	V	28.27	1.84	0.00	62.58	74.00	11.42
2483.50	16.55	AV	V	28.27	1.84	0.00	46.66	54.00	7.34
2459.5 MHz									
2459.50	81.15	PK	V	28.22	1.83	0.00	111.20	N/A	N/A
2459.50	71.42	AV	V	28.22	1.83	0.00	101.47	N/A	N/A
2483.50	31.62	PK	V	28.27	1.84	0.00	61.73	74.00	12.27
2483.50	16.86	AV	V	28.27	1.84	0.00	46.97	54.00	7.03

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2460.5 MHz									
2460.50	80.84	PK	V	28.22	1.83	0.00	110.89	N/A	N/A
2460.50	70.76	AV	V	28.22	1.83	0.00	100.81	N/A	N/A
2483.50	31.43	PK	V	28.27	1.84	0.00	61.54	74.00	12.46
2483.50	16.57	AV	V	28.27	1.84	0.00	46.68	54.00	7.32
2461.5 MHz									
2461.50	80.51	PK	V	28.22	1.83	0.00	110.56	N/A	N/A
2461.50	70.52	AV	V	28.22	1.83	0.00	100.57	N/A	N/A
2483.50	32.51	PK	V	28.27	1.84	0.00	62.62	74.00	11.38
2483.50	16.63	AV	V	28.27	1.84	0.00	46.74	54.00	7.26
2462.5 MHz									
2462.50	80.35	PK	V	28.23	1.83	0.00	110.41	N/A	N/A
2462.50	70.55	AV	V	28.23	1.83	0.00	100.61	N/A	N/A
2483.50	31.44	PK	V	28.27	1.84	0.00	61.55	74.00	12.45
2483.50	16.59	AV	V	28.27	1.84	0.00	46.70	54.00	7.30
2463.5 MHz									
2463.50	79.89	PK	V	28.23	1.83	0.00	109.95	N/A	N/A
2463.50	69.54	AV	V	28.23	1.83	0.00	99.60	N/A	N/A
2483.50	31.54	PK	V	28.27	1.84	0.00	61.65	74.00	12.35
2483.50	16.38	AV	V	28.27	1.84	0.00	46.49	54.00	7.51
2464.5 MHz									
2464.50	78.25	PK	V	28.23	1.83	0.00	108.31	N/A	N/A
2464.50	68.16	AV	V	28.23	1.83	0.00	98.22	N/A	N/A
2483.50	31.43	PK	V	28.27	1.84	0.00	61.54	74.00	12.46
2483.50	16.83	AV	V	28.27	1.84	0.00	46.94	54.00	7.06
2465.5 MHz									
2465.50	77.82	PK	V	28.23	1.83	0.00	107.88	N/A	N/A
2465.50	67.75	AV	V	28.23	1.83	0.00	97.81	N/A	N/A
2483.50	31.62	PK	V	28.27	1.84	0.00	61.73	74.00	12.27
2483.50	16.59	AV	V	28.27	1.84	0.00	46.70	54.00	7.30
2466.5 MHz									
2466.50	76.76	PK	V	28.23	1.83	0.00	106.82	N/A	N/A
2466.50	66.54	AV	V	28.23	1.83	0.00	96.60	N/A	N/A
2483.50	31.48	PK	V	28.27	1.84	0.00	61.59	74.00	12.41
2483.50	16.40	AV	V	28.27	1.84	0.00	46.51	54.00	7.49
2467.5 MHz									
2467.50	76.64	PK	V	28.24	1.83	0.00	106.71	N/A	N/A
2467.50	66.47	AV	V	28.24	1.83	0.00	96.54	N/A	N/A
2483.50	31.53	PK	V	28.27	1.84	0.00	61.64	74.00	12.36
2483.50	16.35	AV	V	28.27	1.84	0.00	46.46	54.00	7.54
2468.5 MHz									
2468.50	75.42	PK	V	28.24	1.83	0.00	105.49	N/A	N/A
2468.50	65.37	AV	V	28.24	1.83	0.00	95.44	N/A	N/A
2483.50	30.84	PK	V	28.27	1.84	0.00	60.95	74.00	13.05
2483.50	16.43	AV	V	28.27	1.84	0.00	46.54	54.00	7.46
2469.5 MHz									
2469.50	75.22	PK	V	28.24	1.83	0.00	105.29	N/A	N/A
2469.50	65.64	AV	V	28.24	1.83	0.00	95.71	N/A	N/A
2483.50	30.64	PK	V	28.27	1.84	0.00	60.75	74.00	13.25
2483.50	16.13	AV	V	28.27	1.84	0.00	46.24	54.00	7.76

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2470.5 MHz									
2470.50	74.31	PK	V	28.24	1.84	0.00	104.39	N/A	N/A
2470.50	64.73	AV	V	28.24	1.84	0.00	94.81	N/A	N/A
2483.50	30.39	PK	V	28.27	1.84	0.00	60.50	74.00	13.50
2483.50	16.62	AV	V	28.27	1.84	0.00	46.73	54.00	7.27
2471.5 MHz									
2471.50	73.42	PK	V	28.24	1.84	0.00	103.50	N/A	N/A
2471.50	63.53	AV	V	28.24	1.84	0.00	93.61	N/A	N/A
2483.50	25.64	PK	V	28.27	1.84	0.00	55.75	74.00	18.25
2483.50	14.48	AV	V	28.27	1.84	0.00	44.59	54.00	9.41
2472.5 MHz									
2472.50	72.39	PK	V	28.25	1.84	0.00	102.48	N/A	N/A
2472.50	62.60	AV	V	28.25	1.84	0.00	92.69	N/A	N/A
2483.50	25.71	PK	V	28.27	1.84	0.00	55.82	74.00	18.18
2483.50	14.25	AV	V	28.27	1.84	0.00	44.36	54.00	9.64
2473.5 MHz									
2473.50	71.64	PK	V	28.25	1.84	0.00	101.73	N/A	N/A
2473.50	61.37	AV	V	28.25	1.84	0.00	91.46	N/A	N/A
2483.50	26.34	PK	V	28.27	1.84	0.00	56.45	74.00	17.55
2483.50	14.75	AV	V	28.27	1.84	0.00	44.86	54.00	9.14
2474.5 MHz									
2474.50	70.47	PK	V	28.25	1.84	0.00	100.56	N/A	N/A
2474.50	60.62	AV	V	28.25	1.84	0.00	90.71	N/A	N/A
2483.50	26.29	PK	V	28.27	1.84	0.00	56.40	74.00	17.60
2483.50	14.60	AV	V	28.27	1.84	0.00	44.71	54.00	9.29
2475.5 MHz									
2475.50	69.58	PK	V	28.25	1.84	0.00	99.67	N/A	N/A
2475.50	59.69	AV	V	28.25	1.84	0.00	89.78	N/A	N/A
2483.50	26.43	PK	V	28.27	1.84	0.00	56.54	74.00	17.46
2483.50	14.57	AV	V	28.27	1.84	0.00	44.68	54.00	9.32
2476.5 MHz									
2476.50	67.79	PK	V	28.25	1.84	0.00	97.88	N/A	N/A
2476.50	57.62	AV	V	28.25	1.84	0.00	87.71	N/A	N/A
2483.50	26.57	PK	V	28.27	1.84	0.00	56.68	74.00	17.32
2483.50	15.02	AV	V	28.27	1.84	0.00	45.13	54.00	8.87
High Channel: 2477.5 MHz									
2477.50	40.55	PK	H	28.26	1.84	0.00	70.65	N/A	N/A
2477.50	30.78	AV	H	28.26	1.84	0.00	60.88	N/A	N/A
2477.50	48.20	PK	V	28.26	1.84	0.00	78.30	N/A	N/A
2477.50	38.71	AV	V	28.26	1.84	0.00	68.81	N/A	N/A
2483.50	25.89	PK	V	28.27	1.84	0.00	56.00	74.00	18.00
2483.50	14.28	AV	V	28.27	1.84	0.00	44.39	54.00	9.61
4955.00	47.60	PK	V	33.21	3.23	37.24	46.80	74.00	27.20
4955.00	35.49	AV	V	33.21	3.23	37.24	34.69	54.00	19.31
7432.50	46.28	PK	V	36.32	4.43	37.51	49.52	74.00	24.48
7432.50	34.84	AV	V	36.32	4.43	37.51	38.08	54.00	15.92

20MHz Mode, Chain 0:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
Low Channel: 2410.5 MHz									
2410.50	59.86	PK	H	28.12	1.81	0.00	89.79	N/A	N/A
2410.50	50.13	AV	H	28.12	1.81	0.00	80.06	N/A	N/A
2410.50	69.16	PK	V	28.12	1.81	0.00	99.09	N/A	N/A
2410.50	59.25	AV	V	28.12	1.81	0.00	89.18	N/A	N/A
2390.00	24.37	PK	V	28.08	1.80	0.00	54.25	74.00	19.75
2390.00	13.61	AV	V	28.08	1.80	0.00	43.49	54.00	10.51
4821.00	47.43	PK	V	32.94	3.19	37.20	46.36	74.00	27.64
4821.00	35.36	AV	V	32.94	3.19	37.20	34.29	54.00	19.71
7231.50	46.57	PK	V	35.80	4.78	37.26	49.89	74.00	24.11
7231.50	34.48	AV	V	35.80	4.78	37.26	37.80	54.00	16.20
2411.5 MHz									
2411.50	71.43	PK	V	28.12	1.81	0.00	101.36	N/A	N/A
2411.50	61.54	AV	V	28.12	1.81	0.00	91.47	N/A	N/A
2390.00	25.62	PK	V	28.08	1.80	0.00	55.50	74.00	18.50
2390.00	14.25	AV	V	28.08	1.80	0.00	44.13	54.00	9.87
2412.5 MHz									
2412.50	71.89	PK	V	28.13	1.81	0.00	101.83	N/A	N/A
2412.50	61.75	AV	V	28.13	1.81	0.00	91.69	N/A	N/A
2390.00	26.37	PK	V	28.08	1.80	0.00	56.25	74.00	17.75
2390.00	14.52	AV	V	28.08	1.80	0.00	44.40	54.00	9.60
2413.5 MHz									
2413.50	72.46	PK	V	28.13	1.81	0.00	102.40	N/A	N/A
2413.50	62.57	AV	V	28.13	1.81	0.00	92.51	N/A	N/A
2390.00	26.38	PK	V	28.08	1.80	0.00	56.26	74.00	17.74
2390.00	14.67	AV	V	28.08	1.80	0.00	44.55	54.00	9.45
2414.5 MHz									
2414.50	73.67	PK	V	28.13	1.81	0.00	103.61	N/A	N/A
2414.50	63.48	AV	V	28.13	1.81	0.00	93.42	N/A	N/A
2390.00	26.13	PK	V	28.08	1.80	0.00	56.01	74.00	17.99
2390.00	14.55	AV	V	28.08	1.80	0.00	44.43	54.00	9.57
2415.5 MHz									
2415.50	74.28	PK	V	28.13	1.81	0.00	104.22	N/A	N/A
2415.50	64.53	AV	V	28.13	1.81	0.00	94.47	N/A	N/A
2390.00	26.45	PK	V	28.08	1.80	0.00	56.33	74.00	17.67
2390.00	14.67	AV	V	28.08	1.80	0.00	44.55	54.00	9.45
2416.5 MHz									
2416.50	75.12	PK	V	28.13	1.81	0.00	105.06	N/A	N/A
2416.50	65.34	AV	V	28.13	1.81	0.00	95.28	N/A	N/A
2390.00	26.57	PK	V	28.08	1.80	0.00	56.45	74.00	17.55
2390.00	14.83	AV	V	28.08	1.80	0.00	44.71	54.00	9.29
2417.5 MHz									
2417.50	75.86	PK	V	28.14	1.81	0.00	105.81	N/A	N/A
2417.50	65.49	AV	V	28.14	1.81	0.00	95.44	N/A	N/A
2390.00	26.53	PK	V	28.08	1.80	0.00	56.41	74.00	17.59
2390.00	14.75	AV	V	28.08	1.80	0.00	44.63	54.00	9.37

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2418.5 MHz									
2418.50	76.36	PK	V	28.14	1.81	0.00	106.31	N/A	N/A
2418.50	66.64	AV	V	28.14	1.81	0.00	96.59	N/A	N/A
2390.00	25.87	PK	V	28.08	1.80	0.00	55.75	74.00	18.25
2390.00	14.38	AV	V	28.08	1.80	0.00	44.26	54.00	9.74
2419.5 MHz									
2419.50	76.92	PK	V	28.14	1.81	0.00	106.87	N/A	N/A
2419.50	66.88	AV	V	28.14	1.81	0.00	96.83	N/A	N/A
2390.00	25.76	PK	V	28.08	1.80	0.00	55.64	74.00	18.36
2390.00	14.53	AV	V	28.08	1.80	0.00	44.41	54.00	9.59
2420.5 MHz									
2420.50	77.63	PK	V	28.14	1.81	0.00	107.58	N/A	N/A
2420.50	67.54	AV	V	28.14	1.81	0.00	97.49	N/A	N/A
2390.00	26.48	PK	V	28.08	1.80	0.00	56.36	74.00	17.64
2390.00	14.65	AV	V	28.08	1.80	0.00	44.53	54.00	9.47
2421.5 MHz									
2421.50	78.14	PK	V	28.14	1.81	0.00	108.09	N/A	N/A
2421.50	68.23	AV	V	28.14	1.81	0.00	98.18	N/A	N/A
2390.00	26.45	PK	V	28.08	1.80	0.00	56.33	74.00	17.67
2390.00	14.78	AV	V	28.08	1.80	0.00	44.66	54.00	9.34
2422.5 MHz									
2422.50	78.39	PK	V	28.15	1.81	0.00	108.35	N/A	N/A
2422.50	68.42	AV	V	28.15	1.81	0.00	98.38	N/A	N/A
2390.00	26.38	PK	V	28.08	1.80	0.00	56.26	74.00	17.74
2390.00	14.46	AV	V	28.08	1.80	0.00	44.34	54.00	9.66
2423.5 MHz									
2423.50	79.16	PK	V	28.15	1.81	0.00	109.12	N/A	N/A
2423.50	68.22	AV	V	28.15	1.81	0.00	98.18	N/A	N/A
2390.00	26.37	PK	V	28.08	1.80	0.00	56.25	74.00	17.75
2390.00	14.43	AV	V	28.08	1.80	0.00	44.31	54.00	9.69
2424.5 MHz									
2424.50	79.64	PK	V	28.15	1.81	0.00	109.60	N/A	N/A
2424.50	70.15	AV	V	28.15	1.81	0.00	100.11	N/A	N/A
2390.00	26.49	PK	V	28.08	1.80	0.00	56.37	74.00	17.63
2390.00	14.38	AV	V	28.08	1.80	0.00	44.26	54.00	9.74
2425.5 MHz									
2425.50	80.13	PK	V	28.15	1.81	0.00	110.09	N/A	N/A
2425.50	70.28	AV	V	28.15	1.81	0.00	100.24	N/A	N/A
2390.00	26.63	PK	V	28.08	1.80	0.00	56.51	74.00	17.49
2390.00	14.42	AV	V	28.08	1.80	0.00	44.30	54.00	9.70
2426.5 MHz									
2426.50	80.32	PK	V	28.15	1.81	0.00	110.28	N/A	N/A
2426.50	70.42	AV	V	28.15	1.81	0.00	100.38	N/A	N/A
2390.00	28.64	PK	V	28.08	1.80	0.00	58.52	74.00	15.48
2390.00	16.37	AV	V	28.08	1.80	0.00	46.25	54.00	7.75
2427.5 MHz									
2427.50	80.46	PK	V	28.16	1.81	0.00	110.43	N/A	N/A
2427.50	70.59	AV	V	28.16	1.81	0.00	100.56	N/A	N/A
2390.00	28.76	PK	V	28.08	1.80	0.00	58.64	74.00	15.36
2390.00	16.43	AV	V	28.08	1.80	0.00	46.31	54.00	7.69

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2428.5 MHz									
2428.50	80.96	PK	V	28.16	1.81	0.00	110.93	N/A	N/A
2428.50	70.82	AV	V	28.16	1.81	0.00	100.79	N/A	N/A
2390.00	29.37	PK	V	28.08	1.80	0.00	59.25	74.00	14.75
2390.00	16.84	AV	V	28.08	1.80	0.00	46.72	54.00	7.28
2429.5 MHz									
2429.50	81.54	PK	V	28.16	1.81	0.00	111.51	N/A	N/A
2429.50	71.49	AV	V	28.16	1.81	0.00	101.46	N/A	N/A
2390.00	31.16	PK	V	28.08	1.80	0.00	61.04	74.00	12.96
2390.00	17.67	AV	V	28.08	1.80	0.00	47.55	54.00	6.45
2430.5 MHz									
2430.50	81.66	PK	V	28.16	1.82	0.00	111.64	N/A	N/A
2430.50	71.58	AV	V	28.16	1.82	0.00	101.56	N/A	N/A
2390.00	31.26	PK	V	28.08	1.80	0.00	61.14	74.00	12.86
2390.00	17.42	AV	V	28.08	1.80	0.00	47.30	54.00	6.70
2431.5 MHz									
2431.50	82.27	PK	V	28.16	1.82	0.00	112.25	N/A	N/A
2431.50	72.39	AV	V	28.16	1.82	0.00	102.37	N/A	N/A
2390.00	31.58	PK	V	28.08	1.80	0.00	61.46	74.00	12.54
2390.00	17.36	AV	V	28.08	1.80	0.00	47.24	54.00	6.76
2432.5 MHz									
2432.50	82.75	PK	V	28.17	1.82	0.00	112.74	N/A	N/A
2432.50	62.53	AV	V	28.17	1.82	0.00	92.52	N/A	N/A
2390.00	30.16	PK	V	28.08	1.80	0.00	60.04	74.00	13.96
2390.00	17.23	AV	V	28.08	1.80	0.00	47.11	54.00	6.89
Middle Channel: 2441.5 MHz									
2441.50	75.87	PK	H	28.18	1.82	0.00	105.87	N/A	N/A
2441.50	65.69	AV	H	28.18	1.82	0.00	95.69	N/A	N/A
2441.50	84.92	PK	V	28.18	1.82	0.00	114.92	N/A	N/A
2441.50	74.58	AV	V	28.18	1.82	0.00	104.58	N/A	N/A
4883.00	47.39	PK	V	33.07	3.28	37.21	46.53	74.00	27.47
4883.00	35.48	AV	V	33.07	3.28	37.21	34.62	54.00	19.38
7324.50	45.62	PK	V	36.04	4.62	37.38	48.90	74.00	25.10
7324.50	34.27	AV	V	36.04	4.62	37.38	37.55	54.00	16.45
2442.5 MHz									
2442.50	83.79	PK	V	28.19	1.82	0.00	113.80	N/A	N/A
2442.50	73.54	AV	V	28.19	1.82	0.00	103.55	N/A	N/A
2483.50	31.42	PK	V	28.27	1.84	0.00	61.53	74.00	12.47
2483.50	16.58	AV	V	28.27	1.84	0.00	46.69	54.00	7.31
2443.5 MHz									
2443.50	83.56	PK	V	28.19	1.82	0.00	113.57	N/A	N/A
2443.50	73.42	AV	V	28.19	1.82	0.00	103.43	N/A	N/A
2483.50	31.46	PK	V	28.27	1.84	0.00	61.57	74.00	12.43
2483.50	16.37	AV	V	28.27	1.84	0.00	46.48	54.00	7.52
2444.5 MHz									
2444.50	83.16	PK	V	28.19	1.82	0.00	113.17	N/A	N/A
2444.50	73.23	AV	V	28.19	1.82	0.00	103.24	N/A	N/A
2483.50	31.52	PK	V	28.27	1.84	0.00	61.63	74.00	12.37
2483.50	16.64	AV	V	28.27	1.84	0.00	46.75	54.00	7.25

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2445.5 MHz									
2445.50	82.49	PK	V	28.19	1.82	0.00	112.50	N/A	N/A
2445.50	72.35	AV	V	28.19	1.82	0.00	102.36	N/A	N/A
2483.50	30.42	PK	V	28.27	1.84	0.00	60.53	74.00	13.47
2483.50	16.50	AV	V	28.27	1.84	0.00	46.61	54.00	7.39
2446.5 MHz									
2446.50	81.63	PK	V	28.19	1.82	0.00	111.64	N/A	N/A
2446.50	71.59	AV	V	28.19	1.82	0.00	101.60	N/A	N/A
2483.50	30.56	PK	V	28.27	1.84	0.00	60.67	74.00	13.33
2483.50	16.33	AV	V	28.27	1.84	0.00	46.44	54.00	7.56
2447.5 MHz									
2447.50	81.17	PK	V	28.20	1.82	0.00	111.19	N/A	N/A
2447.50	71.52	AV	V	28.20	1.82	0.00	101.54	N/A	N/A
2483.50	30.38	PK	V	28.27	1.84	0.00	60.49	74.00	13.51
2483.50	16.45	AV	V	28.27	1.84	0.00	46.56	54.00	7.44
2448.5 MHz									
2448.50	80.67	PK	V	28.20	1.82	0.00	110.69	N/A	N/A
2448.50	70.66	AV	V	28.20	1.82	0.00	100.68	N/A	N/A
2483.50	30.24	PK	V	28.27	1.84	0.00	60.35	74.00	13.65
2483.50	16.13	AV	V	28.27	1.84	0.00	46.24	54.00	7.76
2449.5 MHz									
2449.50	80.28	PK	V	28.20	1.82	0.00	110.30	N/A	N/A
2449.50	70.34	AV	V	28.20	1.82	0.00	100.36	N/A	N/A
2483.50	29.64	PK	V	28.27	1.84	0.00	59.75	74.00	14.25
2483.50	15.86	AV	V	28.27	1.84	0.00	45.97	54.00	8.03
2450.5 MHz									
2450.50	80.13	PK	V	28.20	1.83	0.00	110.16	N/A	N/A
2450.50	70.42	AV	V	28.20	1.83	0.00	100.45	N/A	N/A
2483.50	29.14	PK	V	28.27	1.84	0.00	59.25	74.00	14.75
2483.50	15.65	AV	V	28.27	1.84	0.00	45.76	54.00	8.24
2451.5 MHz									
2451.50	79.68	PK	V	28.20	1.83	0.00	109.71	N/A	N/A
2451.50	69.53	AV	V	28.20	1.83	0.00	99.56	N/A	N/A
2483.50	28.84	PK	V	28.27	1.84	0.00	58.95	74.00	15.05
2483.50	15.35	AV	V	28.27	1.84	0.00	45.46	54.00	8.54
2452.5 MHz									
2452.50	79.37	PK	V	28.21	1.83	0.00	109.41	N/A	N/A
2452.50	69.42	AV	V	28.21	1.83	0.00	99.46	N/A	N/A
2483.50	28.67	PK	V	28.27	1.84	0.00	58.78	74.00	15.22
2483.50	15.39	AV	V	28.27	1.84	0.00	45.50	54.00	8.50
2453.5 MHz									
2453.50	78.26	PK	V	28.21	1.83	0.00	108.30	N/A	N/A
2453.50	68.45	AV	V	28.21	1.83	0.00	98.49	N/A	N/A
2483.50	27.16	PK	V	28.27	1.84	0.00	57.27	74.00	16.73
2483.50	14.83	AV	V	28.27	1.84	0.00	44.94	54.00	9.06
2454.5 MHz									
2454.50	77.43	PK	V	28.21	1.83	0.00	107.47	N/A	N/A
2454.50	67.52	AV	V	28.21	1.83	0.00	97.56	N/A	N/A
2483.50	27.16	PK	V	28.27	1.84	0.00	57.27	74.00	16.73
2483.50	14.69	AV	V	28.27	1.84	0.00	44.80	54.00	9.20

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2455.5 MHz									
2455.50	77.29	PK	V	28.21	1.83	0.00	107.33	N/A	N/A
2455.50	67.35	AV	V	28.21	1.83	0.00	97.39	N/A	N/A
2483.50	26.84	PK	V	28.27	1.84	0.00	56.95	74.00	17.05
2483.50	14.45	AV	V	28.27	1.84	0.00	44.56	54.00	9.44
2456.5 MHz									
2456.50	77.12	PK	V	28.21	1.83	0.00	107.16	N/A	N/A
2456.50	67.03	AV	V	28.21	1.83	0.00	97.07	N/A	N/A
2483.50	25.43	PK	V	28.27	1.84	0.00	55.54	74.00	18.46
2483.50	14.67	AV	V	28.27	1.84	0.00	44.78	54.00	9.22
2457.5 MHz									
2457.50	76.24	PK	V	28.22	1.83	0.00	106.29	N/A	N/A
2457.50	66.31	AV	V	28.22	1.83	0.00	96.36	N/A	N/A
2483.50	25.38	PK	V	28.27	1.84	0.00	55.49	74.00	18.51
2483.50	14.39	AV	V	28.27	1.84	0.00	44.50	54.00	9.50
2458.5 MHz									
2458.50	75.85	PK	V	28.22	1.83	0.00	105.90	N/A	N/A
2458.50	65.63	AV	V	28.22	1.83	0.00	95.68	N/A	N/A
2483.50	25.49	PK	V	28.27	1.84	0.00	55.60	74.00	18.40
2483.50	14.32	AV	V	28.27	1.84	0.00	44.43	54.00	9.57
2459.5 MHz									
2459.50	75.67	PK	V	28.22	1.83	0.00	105.72	N/A	N/A
2459.50	65.43	AV	V	28.22	1.83	0.00	95.48	N/A	N/A
2483.50	25.39	PK	V	28.27	1.84	0.00	55.50	74.00	18.50
2483.50	14.25	AV	V	28.27	1.84	0.00	44.36	54.00	9.64
2460.5 MHz									
2460.50	75.16	PK	V	28.22	1.83	0.00	105.21	N/A	N/A
2460.50	62.31	AV	V	28.22	1.83	0.00	92.36	N/A	N/A
2483.50	25.46	PK	V	28.27	1.84	0.00	55.57	74.00	18.43
2483.50	14.37	AV	V	28.27	1.84	0.00	44.48	54.00	9.52
2461.5 MHz									
2461.50	74.36	PK	V	28.22	1.83	0.00	104.41	N/A	N/A
2461.50	64.52	AV	V	28.22	1.83	0.00	94.57	N/A	N/A
2483.50	25.48	PK	V	28.27	1.84	0.00	55.59	74.00	18.41
2483.50	14.64	AV	V	28.27	1.84	0.00	44.75	54.00	9.25
2462.5 MHz									
2462.50	73.84	PK	V	28.23	1.83	0.00	103.90	N/A	N/A
2462.50	63.77	AV	V	28.23	1.83	0.00	93.83	N/A	N/A
2483.50	25.43	PK	V	28.27	1.84	0.00	55.54	74.00	18.46
2483.50	14.62	AV	V	28.27	1.84	0.00	44.73	54.00	9.27
2463.5 MHz									
2463.50	73.65	PK	V	28.23	1.83	0.00	103.71	N/A	N/A
2463.50	63.57	AV	V	28.23	1.83	0.00	93.63	N/A	N/A
2483.50	25.42	PK	V	28.27	1.84	0.00	55.53	74.00	18.47
2483.50	14.37	AV	V	28.27	1.84	0.00	44.48	54.00	9.52
2464.5 MHz									
2464.50	73.42	PK	V	28.23	1.83	0.00	103.48	N/A	N/A
2464.50	63.53	AV	V	28.23	1.83	0.00	93.59	N/A	N/A
2483.50	25.46	PK	V	28.27	1.84	0.00	55.57	74.00	18.43
2483.50	14.28	AV	V	28.27	1.84	0.00	44.39	54.00	9.61

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2465.5 MHz									
2465.50	73.45	PK	V	28.23	1.83	0.00	103.51	N/A	N/A
2465.50	63.43	AV	V	28.23	1.83	0.00	93.49	N/A	N/A
2483.50	25.49	PK	V	28.27	1.84	0.00	55.60	74.00	18.40
2483.50	14.37	AV	V	28.27	1.84	0.00	44.48	54.00	9.52
2466.5 MHz									
2466.50	72.95	PK	V	28.23	1.83	0.00	103.01	N/A	N/A
2466.50	62.43	AV	V	28.23	1.83	0.00	92.49	N/A	N/A
2483.50	25.38	PK	V	28.27	1.84	0.00	55.49	74.00	18.51
2483.50	14.26	AV	V	28.27	1.84	0.00	44.37	54.00	9.63
2467.5 MHz									
2467.50	72.66	PK	V	28.24	1.83	0.00	102.73	N/A	N/A
2467.50	62.49	AV	V	28.24	1.83	0.00	92.56	N/A	N/A
2483.50	25.42	PK	V	28.27	1.84	0.00	55.53	74.00	18.47
2483.50	14.35	AV	V	28.27	1.84	0.00	44.46	54.00	9.54
2468.5 MHz									
2468.50	70.49	PK	V	28.24	1.83	0.00	100.56	N/A	N/A
2468.50	60.35	AV	V	28.24	1.83	0.00	90.42	N/A	N/A
2483.50	25.43	PK	V	28.27	1.84	0.00	55.54	74.00	18.46
2483.50	14.32	AV	V	28.27	1.84	0.00	44.43	54.00	9.57
2469.5 MHz									
2469.50	67.82	PK	V	28.24	1.83	0.00	97.89	N/A	N/A
2469.50	57.69	AV	V	28.24	1.83	0.00	87.76	N/A	N/A
2483.50	25.36	PK	V	28.27	1.84	0.00	55.47	74.00	18.53
2483.50	14.34	AV	V	28.27	1.84	0.00	44.45	54.00	9.55
2470.5 MHz									
2470.50	64.79	PK	V	28.24	1.84	0.00	94.87	N/A	N/A
2470.50	54.58	AV	V	28.24	1.84	0.00	84.66	N/A	N/A
2483.50	25.39	PK	V	28.27	1.84	0.00	55.50	74.00	18.50
2483.50	14.24	AV	V	28.27	1.84	0.00	44.35	54.00	9.65
2471.5 MHz									
2471.50	64.66	PK	V	28.24	1.84	0.00	94.74	N/A	N/A
2471.50	54.39	AV	V	28.24	1.84	0.00	84.47	N/A	N/A
2483.50	25.48	PK	V	28.27	1.84	0.00	55.59	74.00	18.41
2483.50	14.62	AV	V	28.27	1.84	0.00	44.73	54.00	9.27
High Channel: 2472.5 MHz									
2472.50	48.93	PK	H	28.25	1.84	0.00	79.02	N/A	N/A
2472.50	38.77	AV	H	28.25	1.84	0.00	68.86	N/A	N/A
2472.50	58.12	PK	V	28.25	1.84	0.00	88.21	N/A	N/A
2472.50	48.26	AV	V	28.25	1.84	0.00	78.35	N/A	N/A
2483.50	27.53	PK	V	28.27	1.84	0.00	57.64	74.00	16.36
2483.50	14.67	AV	V	28.27	1.84	0.00	44.78	54.00	9.22
4945.00	47.63	PK	V	33.19	3.25	37.24	46.83	74.00	27.17
4945.00	35.46	AV	V	33.19	3.25	37.24	34.66	54.00	19.34
7417.50	46.25	PK	V	36.29	4.45	37.50	49.49	74.00	24.51
7417.50	34.32	AV	V	36.29	4.45	37.50	37.56	54.00	16.44

20MHz Mode, Chain 1:

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
Low Channel: 2410.5 MHz									
2410.50	59.85	PK	H	28.12	1.81	0.00	89.78	N/A	N/A
2410.50	50.07	AV	H	28.12	1.81	0.00	80.00	N/A	N/A
2410.50	68.74	PK	V	28.12	1.81	0.00	98.67	N/A	N/A
2410.50	58.16	AV	V	28.12	1.81	0.00	88.09	N/A	N/A
2390.00	24.40	PK	V	28.08	1.80	0.00	54.28	74.00	19.72
2390.00	13.76	AV	V	28.08	1.80	0.00	43.64	54.00	10.36
4821.00	47.52	PK	V	32.94	3.19	37.20	46.45	74.00	27.55
4821.00	35.37	AV	V	32.94	3.19	37.20	34.30	54.00	19.70
7231.50	46.45	PK	V	35.80	4.78	37.26	49.77	74.00	24.23
7231.50	34.68	AV	V	35.80	4.78	37.26	38.00	54.00	16.00
2411.5 MHz									
2411.50	71.38	PK	V	28.12	1.81	0.00	101.31	N/A	N/A
2411.50	61.74	AV	V	28.12	1.81	0.00	91.67	N/A	N/A
2390.00	25.66	PK	V	28.08	1.80	0.00	55.54	74.00	18.46
2390.00	14.17	AV	V	28.08	1.80	0.00	44.05	54.00	9.95
2412.5 MHz									
2412.50	72.07	PK	V	28.13	1.81	0.00	102.01	N/A	N/A
2412.50	61.71	AV	V	28.13	1.81	0.00	91.65	N/A	N/A
2390.00	26.36	PK	V	28.08	1.80	0.00	56.24	74.00	17.76
2390.00	14.61	AV	V	28.08	1.80	0.00	44.49	54.00	9.51
2413.5 MHz									
2413.50	72.66	PK	V	28.13	1.81	0.00	102.60	N/A	N/A
2413.50	62.55	AV	V	28.13	1.81	0.00	92.49	N/A	N/A
2390.00	26.48	PK	V	28.08	1.80	0.00	56.36	74.00	17.64
2390.00	14.58	AV	V	28.08	1.80	0.00	44.46	54.00	9.54
2414.5 MHz									
2414.50	73.75	PK	V	28.13	1.81	0.00	103.69	N/A	N/A
2414.50	63.58	AV	V	28.13	1.81	0.00	93.52	N/A	N/A
2390.00	26.16	PK	V	28.08	1.80	0.00	56.04	74.00	17.96
2390.00	14.73	AV	V	28.08	1.80	0.00	44.61	54.00	9.39
2415.5 MHz									
2415.50	74.19	PK	V	28.13	1.81	0.00	104.13	N/A	N/A
2415.50	64.61	AV	V	28.13	1.81	0.00	94.55	N/A	N/A
2390.00	26.57	PK	V	28.08	1.80	0.00	56.45	74.00	17.55
2390.00	14.80	AV	V	28.08	1.80	0.00	44.68	54.00	9.32
2416.5 MHz									
2416.50	75.15	PK	V	28.13	1.81	0.00	105.09	N/A	N/A
2416.50	65.29	AV	V	28.13	1.81	0.00	95.23	N/A	N/A
2390.00	26.47	PK	V	28.08	1.80	0.00	56.35	74.00	17.65
2390.00	14.73	AV	V	28.08	1.80	0.00	44.61	54.00	9.39
2417.5 MHz									
2417.50	75.74	PK	V	28.14	1.81	0.00	105.69	N/A	N/A
2417.50	65.54	AV	V	28.14	1.81	0.00	95.49	N/A	N/A
2390.00	26.63	PK	V	28.08	1.80	0.00	56.51	74.00	17.49
2390.00	14.68	AV	V	28.08	1.80	0.00	44.56	54.00	9.44

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2418.5 MHz									
2418.50	76.20	PK	V	28.14	1.81	0.00	106.15	N/A	N/A
2418.50	66.56	AV	V	28.14	1.81	0.00	96.51	N/A	N/A
2390.00	25.69	PK	V	28.08	1.80	0.00	55.57	74.00	18.43
2390.00	14.37	AV	V	28.08	1.80	0.00	44.25	54.00	9.75
2419.5 MHz									
2419.50	76.92	PK	V	28.14	1.81	0.00	106.87	N/A	N/A
2419.50	66.74	AV	V	28.14	1.81	0.00	96.69	N/A	N/A
2390.00	25.91	PK	V	28.08	1.80	0.00	55.79	74.00	18.21
2390.00	14.54	AV	V	28.08	1.80	0.00	44.42	54.00	9.58
2420.5 MHz									
2420.50	77.54	PK	V	28.14	1.81	0.00	107.49	N/A	N/A
2420.50	67.60	AV	V	28.14	1.81	0.00	97.55	N/A	N/A
2390.00	26.58	PK	V	28.08	1.80	0.00	56.46	74.00	17.54
2390.00	14.77	AV	V	28.08	1.80	0.00	44.65	54.00	9.35
2421.5 MHz									
2421.50	78.13	PK	V	28.14	1.81	0.00	108.08	N/A	N/A
2421.50	68.05	AV	V	28.14	1.81	0.00	98.00	N/A	N/A
2390.00	26.49	PK	V	28.08	1.80	0.00	56.37	74.00	17.63
2390.00	14.79	AV	V	28.08	1.80	0.00	44.67	54.00	9.33
2422.5 MHz									
2422.50	78.43	PK	V	28.15	1.81	0.00	108.39	N/A	N/A
2422.50	68.39	AV	V	28.15	1.81	0.00	98.35	N/A	N/A
2390.00	26.39	PK	V	28.08	1.80	0.00	56.27	74.00	17.73
2390.00	14.36	AV	V	28.08	1.80	0.00	44.24	54.00	9.76
2423.5 MHz									
2423.50	79.22	PK	V	28.15	1.81	0.00	109.18	N/A	N/A
2423.50	68.03	AV	V	28.15	1.81	0.00	97.99	N/A	N/A
2390.00	26.39	PK	V	28.08	1.80	0.00	56.27	74.00	17.73
2390.00	14.62	AV	V	28.08	1.80	0.00	44.50	54.00	9.50
2424.5 MHz									
2424.50	79.74	PK	V	28.15	1.81	0.00	109.70	N/A	N/A
2424.50	70.13	AV	V	28.15	1.81	0.00	100.09	N/A	N/A
2390.00	26.58	PK	V	28.08	1.80	0.00	56.46	74.00	17.54
2390.00	14.54	AV	V	28.08	1.80	0.00	44.42	54.00	9.58
2425.5 MHz									
2425.50	80.07	PK	V	28.15	1.81	0.00	110.03	N/A	N/A
2425.50	70.31	AV	V	28.15	1.81	0.00	100.27	N/A	N/A
2390.00	26.49	PK	V	28.08	1.80	0.00	56.37	74.00	17.63
2390.00	14.29	AV	V	28.08	1.80	0.00	44.17	54.00	9.83
2426.5 MHz									
2426.50	80.20	PK	V	28.15	1.81	0.00	110.16	N/A	N/A
2426.50	70.27	AV	V	28.15	1.81	0.00	100.23	N/A	N/A
2390.00	28.61	PK	V	28.08	1.80	0.00	58.49	74.00	15.51
2390.00	16.50	AV	V	28.08	1.80	0.00	46.38	54.00	7.62
2427.5 MHz									
2427.50	80.36	PK	V	28.16	1.81	0.00	110.33	N/A	N/A
2427.50	70.63	AV	V	28.16	1.81	0.00	100.60	N/A	N/A
2390.00	28.74	PK	V	28.08	1.80	0.00	58.62	74.00	15.38
2390.00	16.57	AV	V	28.08	1.80	0.00	46.45	54.00	7.55

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2428.5 MHz									
2428.50	80.84	PK	V	28.16	1.81	0.00	110.81	N/A	N/A
2428.50	70.85	AV	V	28.16	1.81	0.00	100.82	N/A	N/A
2390.00	29.42	PK	V	28.08	1.80	0.00	59.30	74.00	14.70
2390.00	16.90	AV	V	28.08	1.80	0.00	46.78	54.00	7.22
2429.5 MHz									
2429.50	81.64	PK	V	28.16	1.81	0.00	111.61	N/A	N/A
2429.50	71.57	AV	V	28.16	1.81	0.00	101.54	N/A	N/A
2390.00	31.36	PK	V	28.08	1.80	0.00	61.24	74.00	12.76
2390.00	17.73	AV	V	28.08	1.80	0.00	47.61	54.00	6.39
2430.5 MHz									
2430.50	81.78	PK	V	28.16	1.82	0.00	111.76	N/A	N/A
2430.50	71.66	AV	V	28.16	1.82	0.00	101.64	N/A	N/A
2390.00	31.08	PK	V	28.08	1.80	0.00	60.96	74.00	13.04
2390.00	17.54	AV	V	28.08	1.80	0.00	47.42	54.00	6.58
2431.5 MHz									
2431.50	82.16	PK	V	28.16	1.82	0.00	112.14	N/A	N/A
2431.50	72.32	AV	V	28.16	1.82	0.00	102.30	N/A	N/A
2390.00	31.75	PK	V	28.08	1.80	0.00	61.63	74.00	12.37
2390.00	17.23	AV	V	28.08	1.80	0.00	47.11	54.00	6.89
2432.5 MHz									
2432.50	82.61	PK	V	28.17	1.82	0.00	112.60	N/A	N/A
2432.50	62.55	AV	V	28.17	1.82	0.00	92.54	N/A	N/A
2390.00	30.36	PK	V	28.08	1.80	0.00	60.24	74.00	13.76
2390.00	17.33	AV	V	28.08	1.80	0.00	47.21	54.00	6.79
Middle Channel: 2441.5 MHz									
2441.50	76.07	PK	H	28.18	1.82	0.00	106.07	N/A	N/A
2441.50	65.78	AV	H	28.18	1.82	0.00	95.78	N/A	N/A
2441.50	82.84	PK	V	28.18	1.82	0.00	112.84	N/A	N/A
2441.50	72.63	AV	V	28.18	1.82	0.00	102.63	N/A	N/A
4883.00	47.58	PK	V	33.07	3.28	37.21	46.72	74.00	27.28
4883.00	35.75	AV	V	33.07	3.28	37.21	34.89	54.00	19.11
7324.50	45.38	PK	V	36.04	4.62	37.38	48.66	74.00	25.34
7324.50	34.47	AV	V	36.04	4.62	37.38	37.75	54.00	16.25
2442.5 MHz									
2442.50	83.84	PK	V	28.19	1.82	0.00	113.85	N/A	N/A
2442.50	73.65	AV	V	28.19	1.82	0.00	103.66	N/A	N/A
2483.50	31.39	PK	V	28.27	1.84	0.00	61.50	74.00	12.50
2483.50	16.54	AV	V	28.27	1.84	0.00	46.65	54.00	7.35
2443.5 MHz									
2443.50	83.46	PK	V	28.19	1.82	0.00	113.47	N/A	N/A
2443.50	73.47	AV	V	28.19	1.82	0.00	103.48	N/A	N/A
2483.50	31.62	PK	V	28.27	1.84	0.00	61.73	74.00	12.27
2483.50	16.50	AV	V	28.27	1.84	0.00	46.61	54.00	7.39
2444.5 MHz									
2444.50	83.28	PK	V	28.19	1.82	0.00	113.29	N/A	N/A
2444.50	73.07	AV	V	28.19	1.82	0.00	103.08	N/A	N/A
2483.50	31.40	PK	V	28.27	1.84	0.00	61.51	74.00	12.49
2483.50	16.63	AV	V	28.27	1.84	0.00	46.74	54.00	7.26

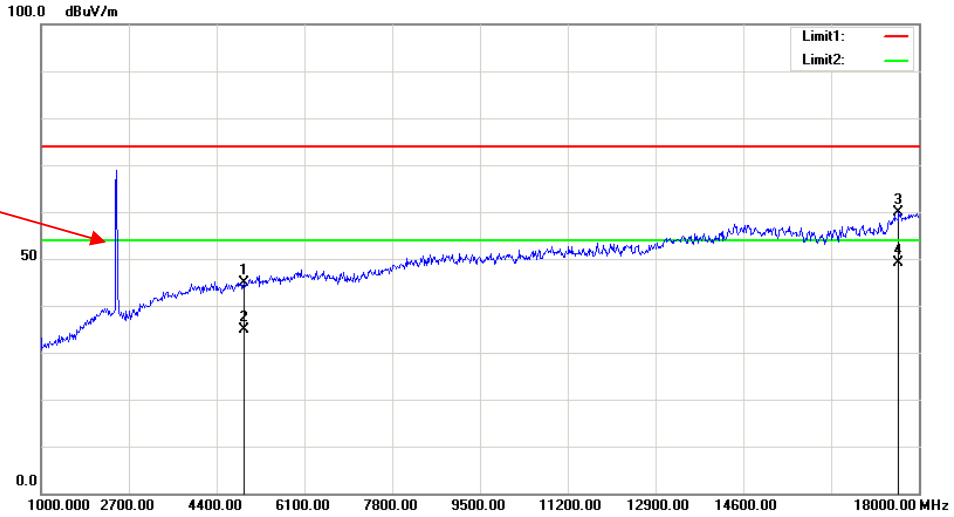
Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2445.5 MHz									
2445.50	82.36	PK	V	28.19	1.82	0.00	112.37	N/A	N/A
2445.50	72.17	AV	V	28.19	1.82	0.00	102.18	N/A	N/A
2483.50	30.43	PK	V	28.27	1.84	0.00	60.54	74.00	13.46
2483.50	16.58	AV	V	28.27	1.84	0.00	46.69	54.00	7.31
2446.5 MHz									
2446.50	81.47	PK	V	28.19	1.82	0.00	111.48	N/A	N/A
2446.50	71.54	AV	V	28.19	1.82	0.00	101.55	N/A	N/A
2483.50	30.72	PK	V	28.27	1.84	0.00	60.83	74.00	13.17
2483.50	16.32	AV	V	28.27	1.84	0.00	46.43	54.00	7.57
2447.5 MHz									
2447.50	81.23	PK	V	28.20	1.82	0.00	111.25	N/A	N/A
2447.50	71.66	AV	V	28.20	1.82	0.00	101.68	N/A	N/A
2483.50	30.58	PK	V	28.27	1.84	0.00	60.69	74.00	13.31
2483.50	16.54	AV	V	28.27	1.84	0.00	46.65	54.00	7.35
2448.5 MHz									
2448.50	80.61	PK	V	28.20	1.82	0.00	110.63	N/A	N/A
2448.50	70.81	AV	V	28.20	1.82	0.00	100.83	N/A	N/A
2483.50	30.28	PK	V	28.27	1.84	0.00	60.39	74.00	13.61
2483.50	15.99	AV	V	28.27	1.84	0.00	46.10	54.00	7.90
2449.5 MHz									
2449.50	80.10	PK	V	28.20	1.82	0.00	110.12	N/A	N/A
2449.50	70.25	AV	V	28.20	1.82	0.00	100.27	N/A	N/A
2483.50	29.48	PK	V	28.27	1.84	0.00	59.59	74.00	14.41
2483.50	15.68	AV	V	28.27	1.84	0.00	45.79	54.00	8.21
2450.5 MHz									
2450.50	80.32	PK	V	28.20	1.83	0.00	110.35	N/A	N/A
2450.50	70.52	AV	V	28.20	1.83	0.00	100.55	N/A	N/A
2483.50	29.23	PK	V	28.27	1.84	0.00	59.34	74.00	14.66
2483.50	15.48	AV	V	28.27	1.84	0.00	45.59	54.00	8.41
2451.5 MHz									
2451.50	79.71	PK	V	28.20	1.83	0.00	109.74	N/A	N/A
2451.50	69.41	AV	V	28.20	1.83	0.00	99.44	N/A	N/A
2483.50	28.95	PK	V	28.27	1.84	0.00	59.06	74.00	14.94
2483.50	15.42	AV	V	28.27	1.84	0.00	45.53	54.00	8.47
2452.5 MHz									
2452.50	79.46	PK	V	28.21	1.83	0.00	109.50	N/A	N/A
2452.50	69.48	AV	V	28.21	1.83	0.00	99.52	N/A	N/A
2483.50	28.78	PK	V	28.27	1.84	0.00	58.89	74.00	15.11
2483.50	15.55	AV	V	28.27	1.84	0.00	45.66	54.00	8.34
2453.5 MHz									
2453.50	78.22	PK	V	28.21	1.83	0.00	108.26	N/A	N/A
2453.50	68.39	AV	V	28.21	1.83	0.00	98.43	N/A	N/A
2483.50	27.15	PK	V	28.27	1.84	0.00	57.26	74.00	16.74
2483.50	15.03	AV	V	28.27	1.84	0.00	45.14	54.00	8.86
2454.5 MHz									
2454.50	77.53	PK	V	28.21	1.83	0.00	107.57	N/A	N/A
2454.50	67.63	AV	V	28.21	1.83	0.00	97.67	N/A	N/A
2483.50	27.18	PK	V	28.27	1.84	0.00	57.29	74.00	16.71
2483.50	14.84	AV	V	28.27	1.84	0.00	44.95	54.00	9.05

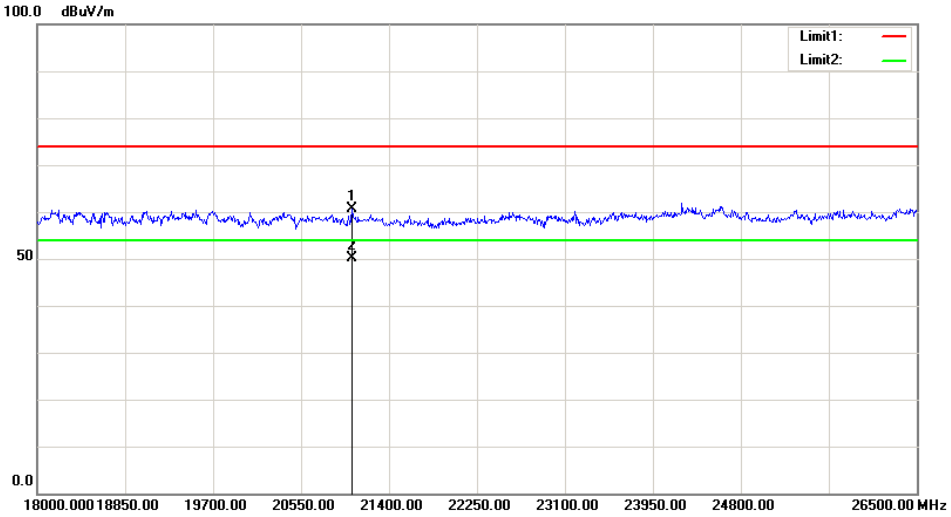
Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBμV/m)	Limit (dBμV/m)	Margin (dB)
	Reading (dBμV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2455.5 MHz									
2455.50	77.37	PK	V	28.21	1.83	0.00	107.41	N/A	N/A
2455.50	67.26	AV	V	28.21	1.83	0.00	97.30	N/A	N/A
2483.50	26.90	PK	V	28.27	1.84	0.00	57.01	74.00	16.99
2483.50	14.43	AV	V	28.27	1.84	0.00	44.54	54.00	9.46
2456.5 MHz									
2456.50	77.23	PK	V	28.21	1.83	0.00	107.27	N/A	N/A
2456.50	67.08	AV	V	28.21	1.83	0.00	97.12	N/A	N/A
2483.50	25.47	PK	V	28.27	1.84	0.00	55.58	74.00	18.42
2483.50	14.74	AV	V	28.27	1.84	0.00	44.85	54.00	9.15
2457.5 MHz									
2457.50	76.30	PK	V	28.22	1.83	0.00	106.35	N/A	N/A
2457.50	66.49	AV	V	28.22	1.83	0.00	96.54	N/A	N/A
2483.50	25.43	PK	V	28.27	1.84	0.00	55.54	74.00	18.46
2483.50	14.35	AV	V	28.27	1.84	0.00	44.46	54.00	9.54
2458.5 MHz									
2458.50	75.85	PK	V	28.22	1.83	0.00	105.90	N/A	N/A
2458.50	65.45	AV	V	28.22	1.83	0.00	95.50	N/A	N/A
2483.50	25.61	PK	V	28.27	1.84	0.00	55.72	74.00	18.28
2483.50	14.26	AV	V	28.27	1.84	0.00	44.37	54.00	9.63
2459.5 MHz									
2459.50	75.63	PK	V	28.22	1.83	0.00	105.68	N/A	N/A
2459.50	65.27	AV	V	28.22	1.83	0.00	95.32	N/A	N/A
2483.50	25.38	PK	V	28.27	1.84	0.00	55.49	74.00	18.51
2483.50	14.25	AV	V	28.27	1.84	0.00	44.36	54.00	9.64
2460.5 MHz									
2460.50	75.09	PK	V	28.22	1.83	0.00	105.14	N/A	N/A
2460.50	62.18	AV	V	28.22	1.83	0.00	92.23	N/A	N/A
2483.50	25.60	PK	V	28.27	1.84	0.00	55.71	74.00	18.29
2483.50	14.18	AV	V	28.27	1.84	0.00	44.29	54.00	9.71
2461.5 MHz									
2461.50	74.30	PK	V	28.22	1.83	0.00	104.35	N/A	N/A
2461.50	64.45	AV	V	28.22	1.83	0.00	94.50	N/A	N/A
2483.50	25.32	PK	V	28.27	1.84	0.00	55.43	74.00	18.57
2483.50	14.83	AV	V	28.27	1.84	0.00	44.94	54.00	9.06
2462.5 MHz									
2462.50	73.89	PK	V	28.23	1.83	0.00	103.95	N/A	N/A
2462.50	63.57	AV	V	28.23	1.83	0.00	93.63	N/A	N/A
2483.50	25.36	PK	V	28.27	1.84	0.00	55.47	74.00	18.53
2483.50	14.80	AV	V	28.27	1.84	0.00	44.91	54.00	9.09
2463.5 MHz									
2463.50	73.54	PK	V	28.23	1.83	0.00	103.60	N/A	N/A
2463.50	63.55	AV	V	28.23	1.83	0.00	93.61	N/A	N/A
2483.50	25.26	PK	V	28.27	1.84	0.00	55.37	74.00	18.63
2483.50	14.52	AV	V	28.27	1.84	0.00	44.63	54.00	9.37
2464.5 MHz									
2464.50	73.41	PK	V	28.23	1.83	0.00	103.47	N/A	N/A
2464.50	63.67	AV	V	28.23	1.83	0.00	93.73	N/A	N/A
2483.50	25.66	PK	V	28.27	1.84	0.00	55.77	74.00	18.23
2483.50	14.39	AV	V	28.27	1.84	0.00	44.50	54.00	9.50

Frequency (MHz)	Receiver		Rx Antenna		Cable loss (dB)	Amplifier Gain (dB)	Corrected Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
	Reading (dBµV)	Detector (PK/QP/AV)	Polar (H/V)	Factor (dB)					
2465.5 MHz									
2465.50	73.48	PK	V	28.23	1.83	0.00	103.54	N/A	N/A
2465.50	63.54	AV	V	28.23	1.83	0.00	93.60	N/A	N/A
2483.50	25.65	PK	V	28.27	1.84	0.00	55.76	74.00	18.24
2483.50	14.44	AV	V	28.27	1.84	0.00	44.55	54.00	9.45
2466.5 MHz									
2466.50	72.80	PK	V	28.23	1.83	0.00	102.86	N/A	N/A
2466.50	62.43	AV	V	28.23	1.83	0.00	92.49	N/A	N/A
2483.50	25.26	PK	V	28.27	1.84	0.00	55.37	74.00	18.63
2483.50	14.16	AV	V	28.27	1.84	0.00	44.27	54.00	9.73
2467.5 MHz									
2467.50	72.83	PK	V	28.24	1.83	0.00	102.90	N/A	N/A
2467.50	62.59	AV	V	28.24	1.83	0.00	92.66	N/A	N/A
2483.50	25.55	PK	V	28.27	1.84	0.00	55.66	74.00	18.34
2483.50	14.28	AV	V	28.27	1.84	0.00	44.39	54.00	9.61
2468.5 MHz									
2468.50	70.50	PK	V	28.24	1.83	0.00	100.57	N/A	N/A
2468.50	60.23	AV	V	28.24	1.83	0.00	90.30	N/A	N/A
2483.50	25.32	PK	V	28.27	1.84	0.00	55.43	74.00	18.57
2483.50	14.38	AV	V	28.27	1.84	0.00	44.49	54.00	9.51
2469.5 MHz									
2469.50	67.88	PK	V	28.24	1.83	0.00	97.95	N/A	N/A
2469.50	57.87	AV	V	28.24	1.83	0.00	87.94	N/A	N/A
2483.50	25.29	PK	V	28.27	1.84	0.00	55.40	74.00	18.60
2483.50	14.44	AV	V	28.27	1.84	0.00	44.55	54.00	9.45
2470.5 MHz									
2470.50	64.64	PK	V	28.24	1.84	0.00	94.72	N/A	N/A
2470.50	54.49	AV	V	28.24	1.84	0.00	84.57	N/A	N/A
2483.50	25.57	PK	V	28.27	1.84	0.00	55.68	74.00	18.32
2483.50	14.20	AV	V	28.27	1.84	0.00	44.31	54.00	9.69
2471.5 MHz									
2471.50	64.46	PK	V	28.24	1.84	0.00	94.54	N/A	N/A
2471.50	54.53	AV	V	28.24	1.84	0.00	84.61	N/A	N/A
2483.50	25.50	PK	V	28.27	1.84	0.00	55.61	74.00	18.39
2483.50	14.43	AV	V	28.27	1.84	0.00	44.54	54.00	9.46
High Channel: 2472.5 MHz									
2472.50	48.94	PK	H	28.25	1.84	0.00	79.03	N/A	N/A
2472.50	38.87	AV	H	28.25	1.84	0.00	68.96	N/A	N/A
2472.50	57.77	PK	V	28.25	1.84	0.00	87.86	N/A	N/A
2472.50	47.63	AV	V	28.25	1.84	0.00	77.72	N/A	N/A
2483.50	27.38	PK	V	28.27	1.84	0.00	57.49	74.00	16.51
2483.50	14.50	AV	V	28.27	1.84	0.00	44.61	54.00	9.39
4945.00	47.57	PK	V	33.19	3.25	37.24	46.77	74.00	27.23
4945.00	35.49	AV	V	33.19	3.25	37.24	34.69	54.00	19.31
7417.50	44.33	PK	V	36.29	4.45	37.50	47.57	74.00	26.43
7417.50	34.03	AV	V	36.29	4.45	37.50	37.27	54.00	16.73

Worst plots (802.11n ht20 Mode High channel)
Horizontal

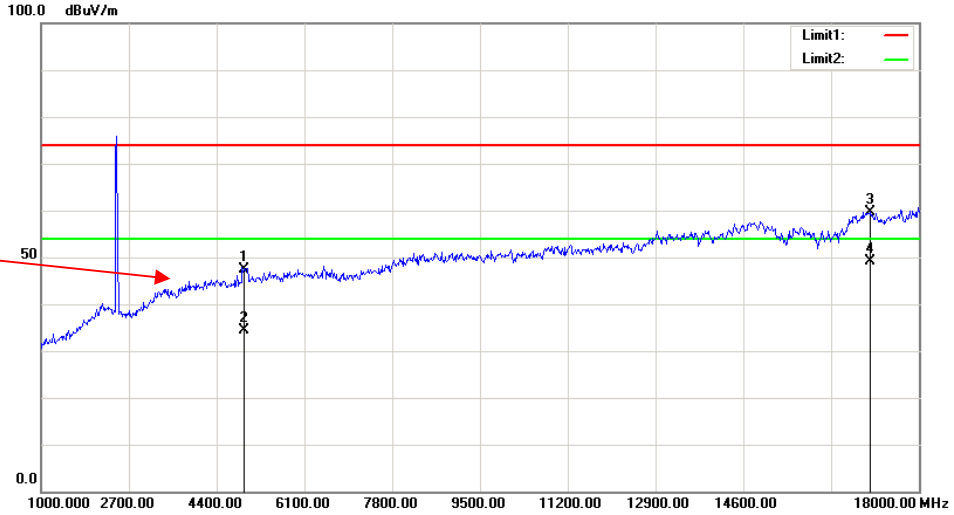
Fundamental Test with Band Rejection Filter

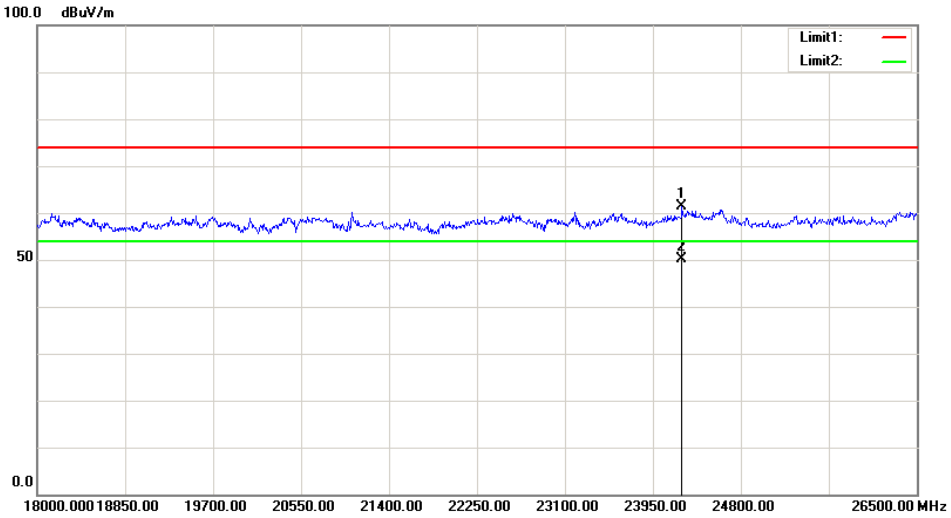




Vertical

Fundamental Test with Band Rejection Filter





FCC §15.247(a) (2)& RSS-247 §5.2 a) &RSS-247 §5.2 a) &RSS-GEN§6.6 –6 dB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH

Applicable Standard

According to FCC §15.247(a) (2)

Systems using digital modulation techniques may operate in the 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kH

According to RSS-247 §5.2 a)

The minimum 6 dB bandwidth shall be 500 kHz.

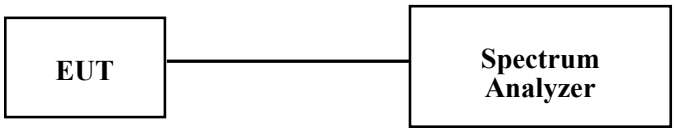
According to RSS-Gen §6.6

The emission bandwidth (x dB) is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated x dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth.

When the occupied bandwidth limit is not stated in the applicable RSS or reference measurement method, the transmitted signal bandwidth shall be reported as the 99% emission bandwidth, as calculated or measured.

Test Procedure

a) Set RBW = 100 kHz.
b) Set the video bandwidth (VBW) ≥ 3×RBW.
c) Detector = Peak.
d) Trace mode = max hold.
e) Sweep = auto couple.
f) Allow the trace to stabilize.
g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
h) Measure the 99% bandwidth use OBW test function.



Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSP 38	100478	2017-12-08	2018-12-08
R&S	EMI Test Receiver	ESPI	100120	2017-12-11	2018-12-11
Unknown	Coaxial Cable	C-SJ00-0010	C0010/01	Each Time	/

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	21.1 ~ 25 °C
Relative Humidity:	35 ~ 59 %
ATM Pressure:	101 ~ 102.1 kPa

The testing was performed by Andy Huang from 2018-02-09 to 2018-03-02.

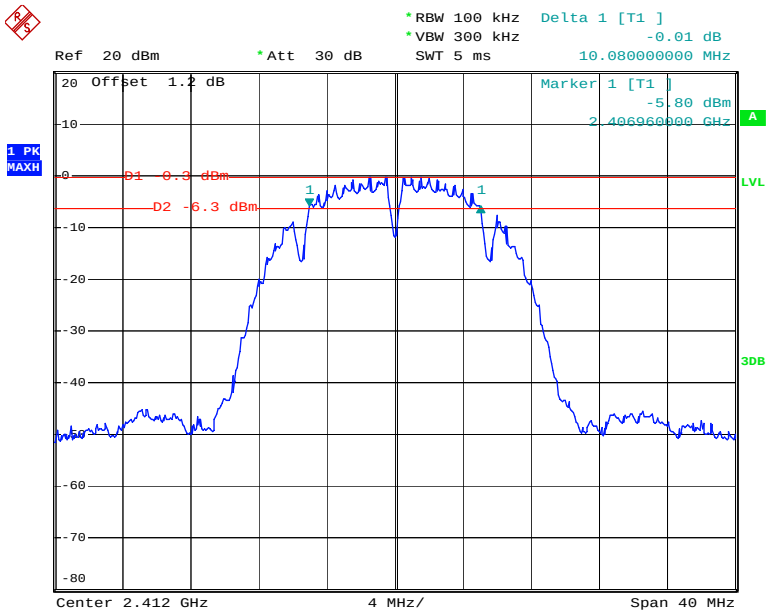
Test Mode: Transmitting (performed at chain 0)

Test Result: Compliant. Please refer to the following table and plots.

Mode	Channel	Frequency (MHz)	6 dB Emission Bandwidth (MHz)	99% Occupied bandwidth (MHz)	Limit (MHz)
802.11b	Low	2412	10.08	14.16	≥0.5
	Middle	2437	10.08	14.16	≥0.5
	High	2462	10.08	14.16	≥0.5
802.11g	Low	2412	16.32	18.88	≥0.5
	Middle	2437	16.32	18.96	≥0.5
	High	2462	16.32	18.96	≥0.5
802.11n ht20	Low	2412	17.6	19.76	≥0.5
	Middle	2437	17.52	19.76	≥0.5
	High	2462	17.44	19.68	≥0.5
1.4MHz	Low	2403.5	1.116	1.158	≥0.5
	Middle	2441.5	1.104	1.152	≥0.5
	High	2477.5	1.116	1.146	≥0.5
10MHz	Low	2405.5	9.04	8.96	≥0.5
	Middle	2441.5	9.04	8.92	≥0.5
	High	2477.5	9.00	8.92	≥0.5
20MHz	Low	2410.5	18.16	18.00	≥0.5
	Middle	2441.5	18.16	17.84	≥0.5
	High	2472.5	18.24	17.92	≥0.5

6dB Bandwidth:

802.11b Low Channel



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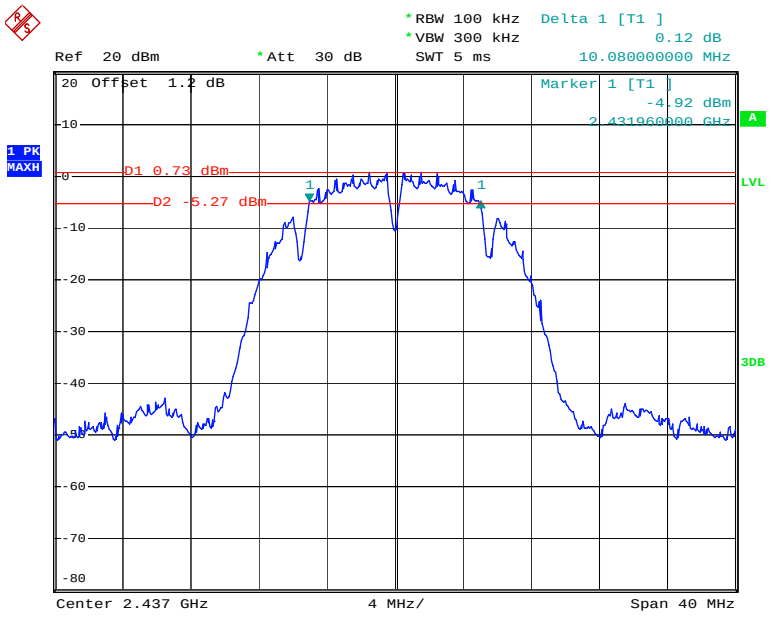
802.11b Middle Channel



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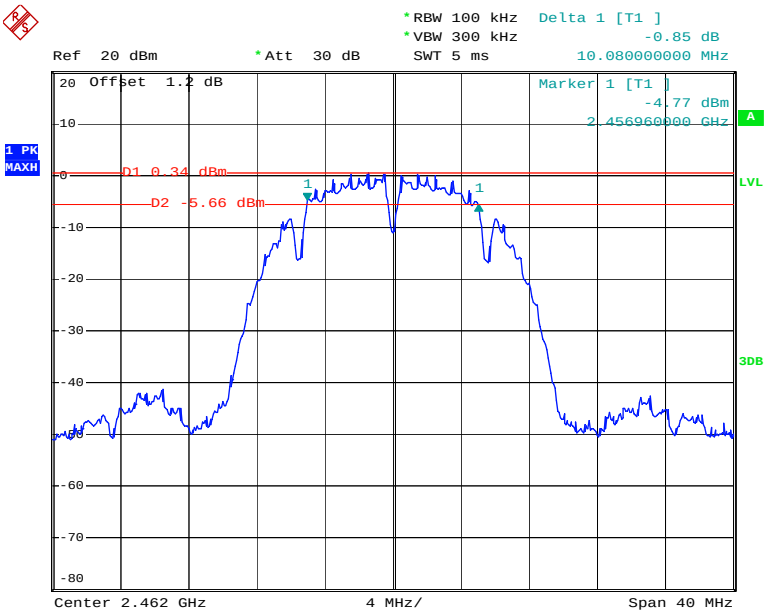
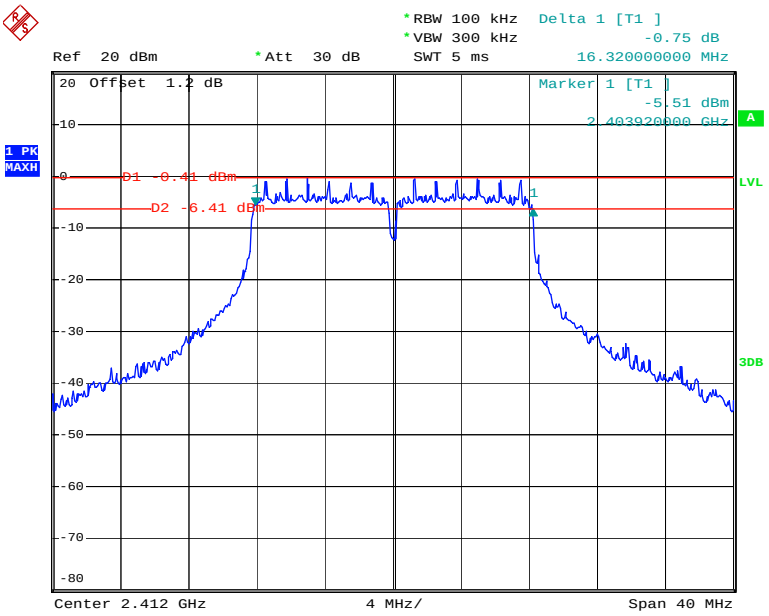
802.11b High Channel



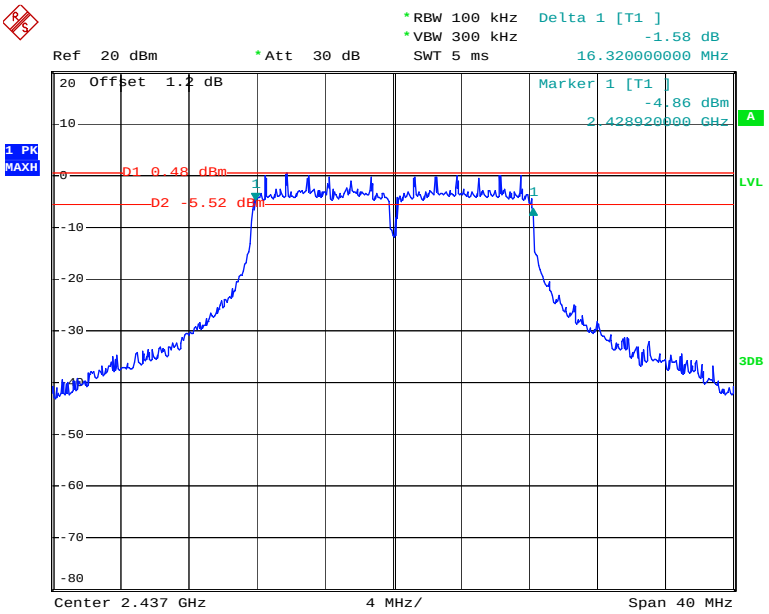
Date: 2.MAR.2018 00:28:47

802.11g Low Channel



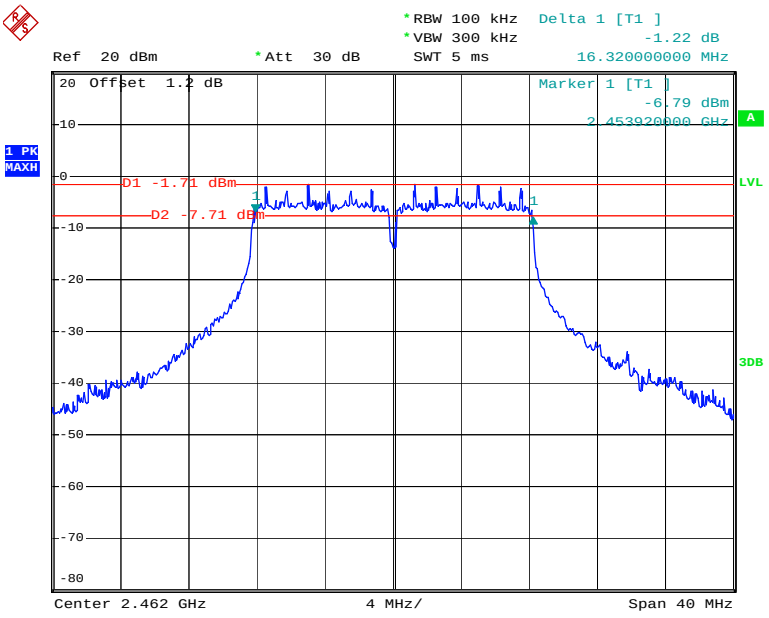
Date: 2.MAR.2018 19:25:29

802.11g Middle Channel



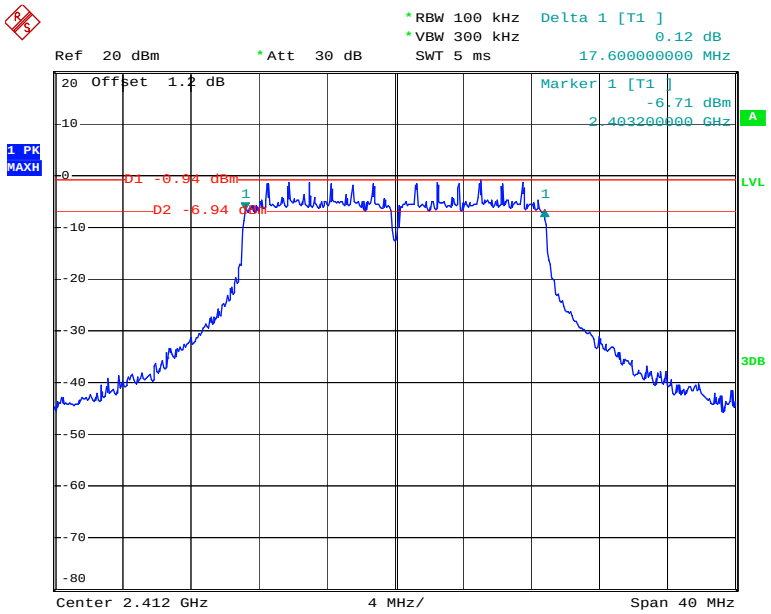
Date: 2.MAR.2018 19:29:43

802.11g High Channel



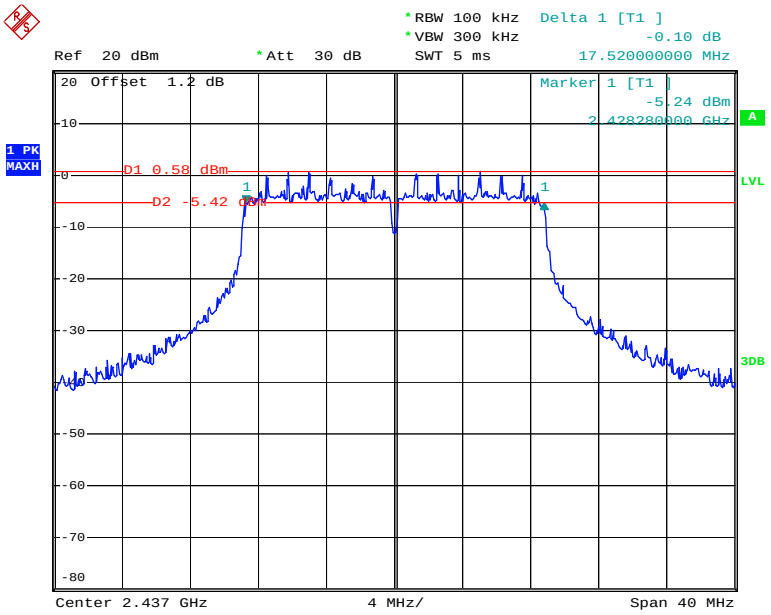
Date: 2.MAR.2018 19:33:38

802.11n ht20 Low Channel



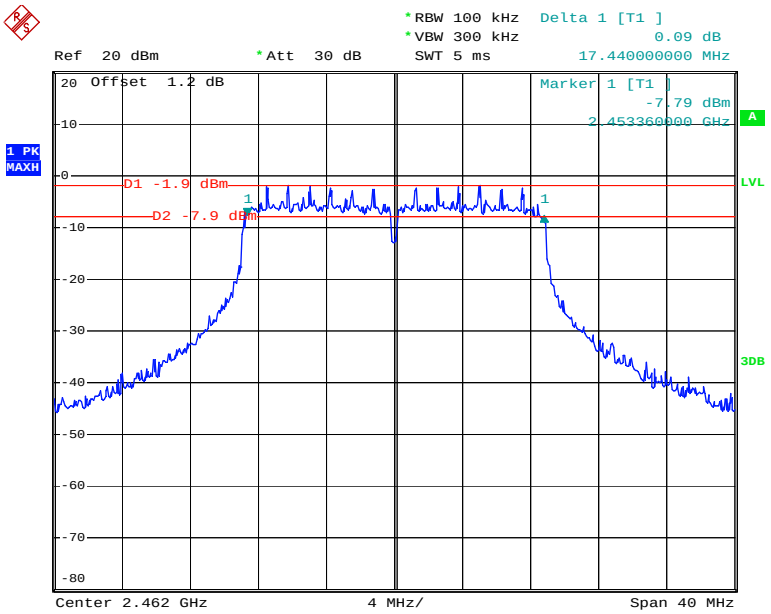
Date: 2.MAR.2018 19:59:59

802.11n ht20 Middle Channel



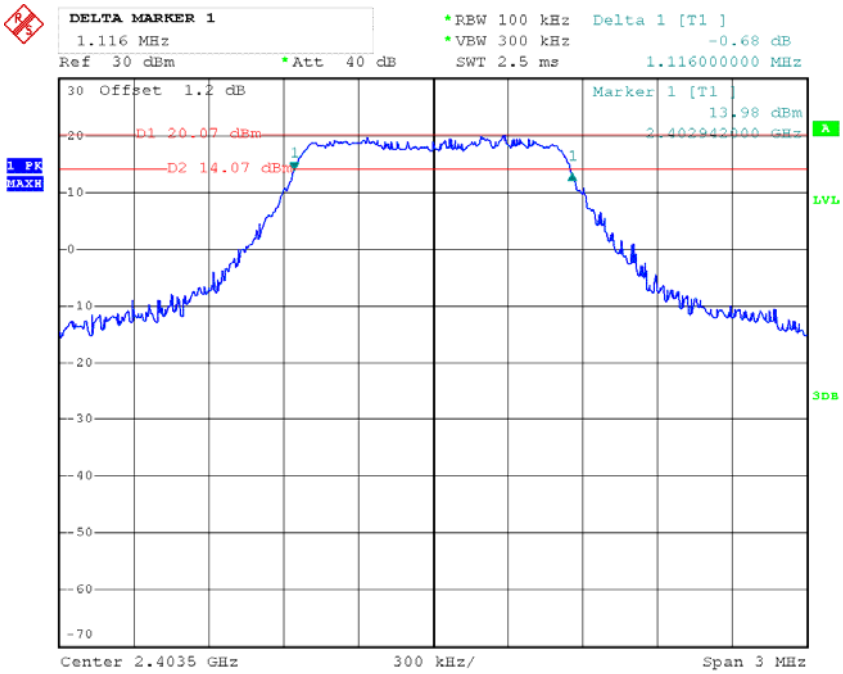
Date: 2.MAR.2018 19:54:38

802.11n ht20 High Channel



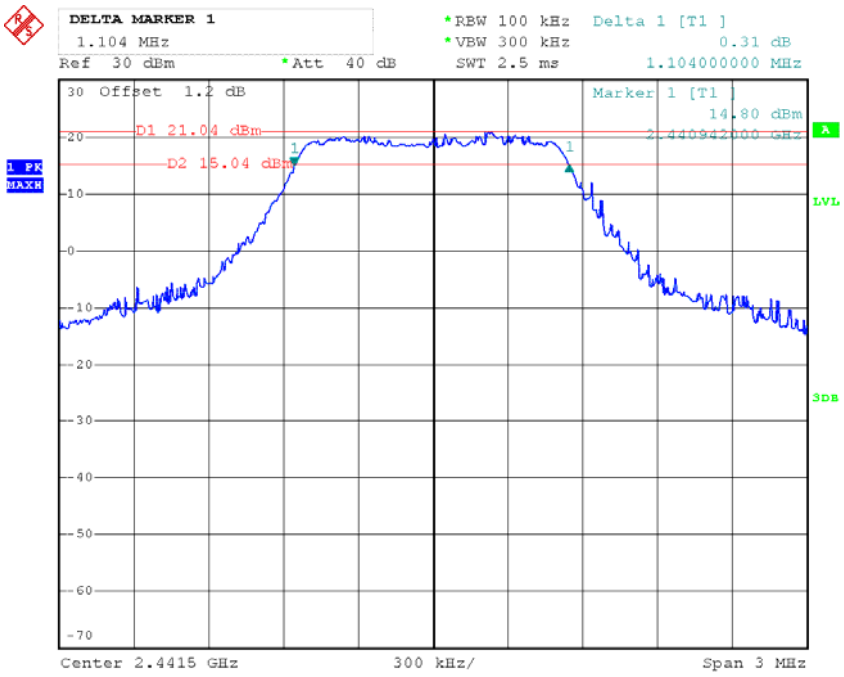
Date: 2.MAR.2018 19:50:31

1.4M Low Channel



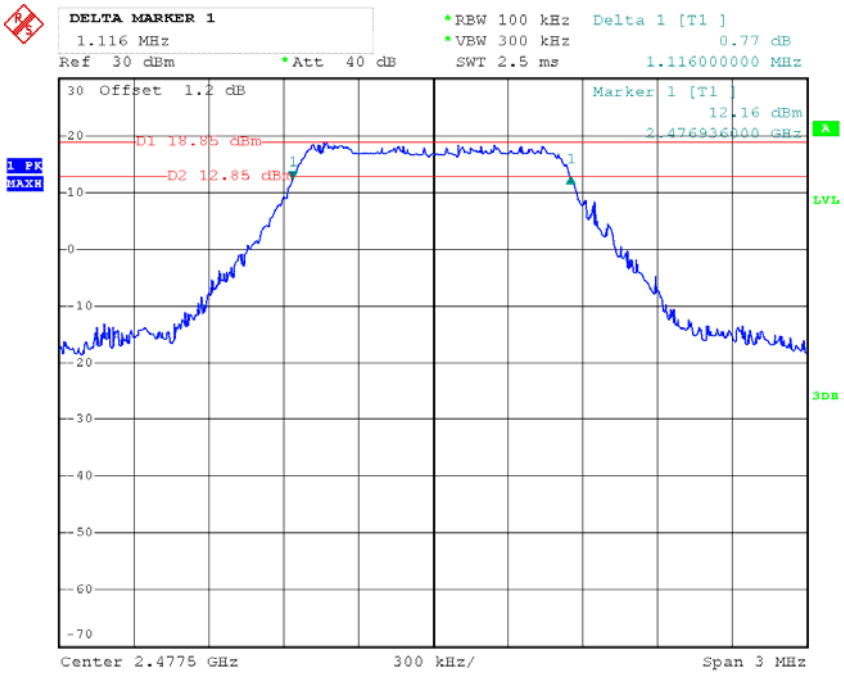
Date: 9.FEB.2018 13:59:43

1.4M Middle Channel



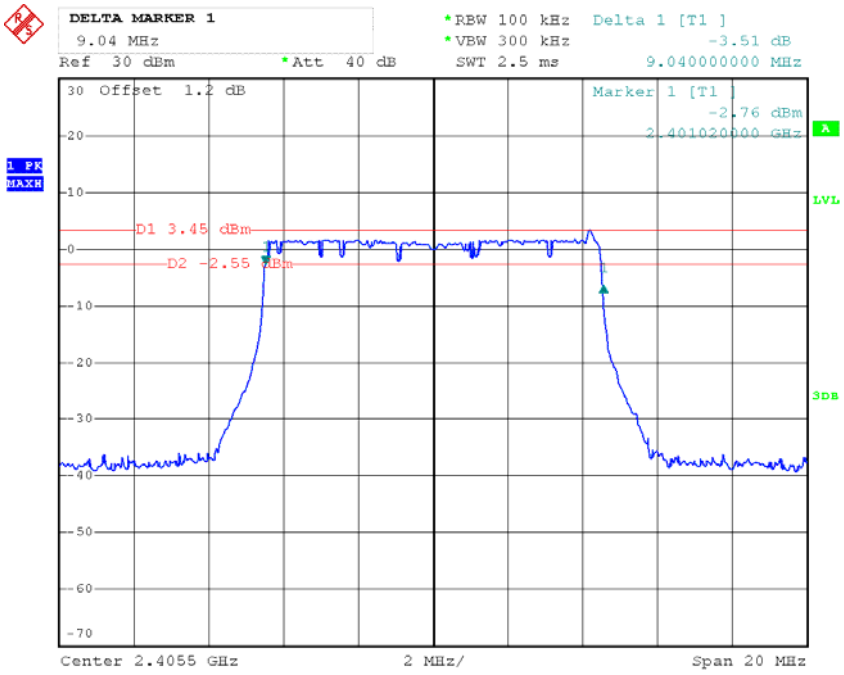
Date: 9.FEB.2018 14:02:38

1.4M High Channel



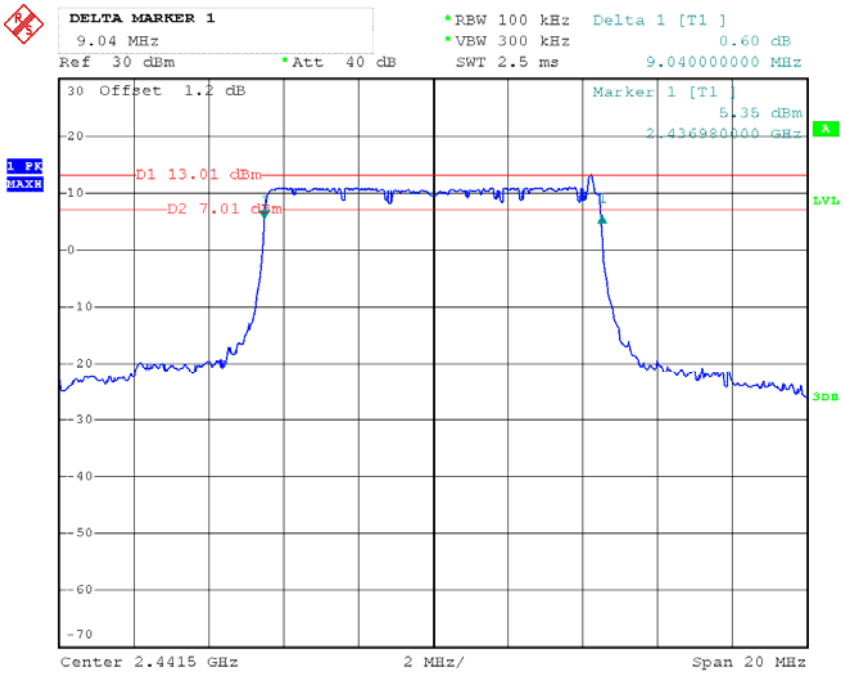
Date: 9.FEB.2018 14:04:04

10M Low Channel



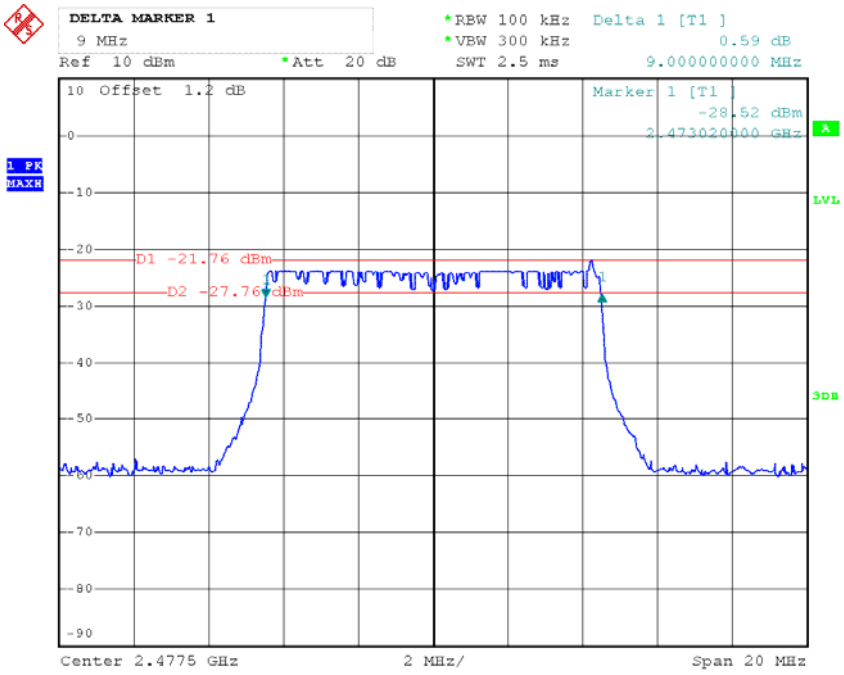
Date: 9.FEB.2018 15:35:08

10M Middle Channel



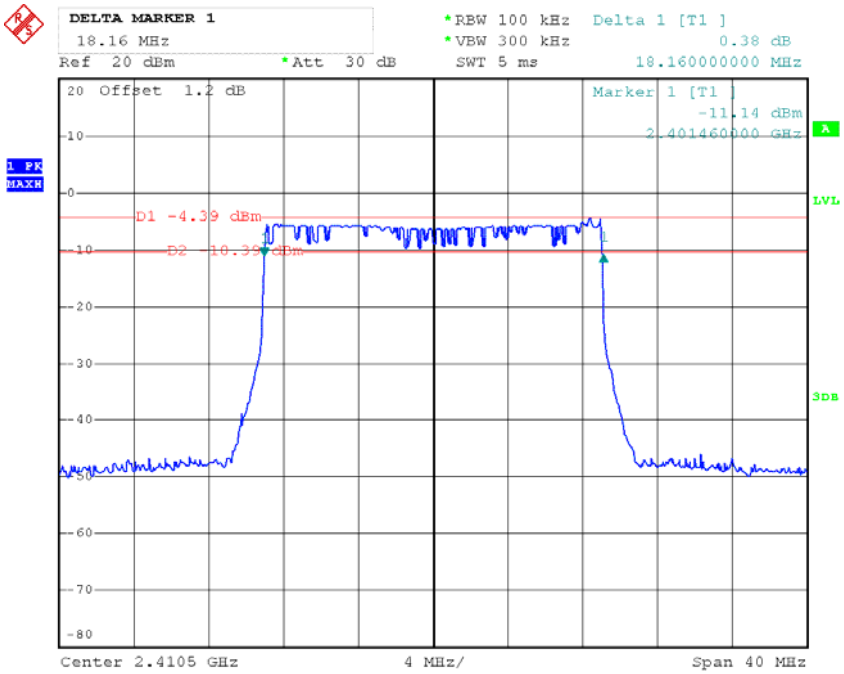
Date: 9.FEB.2018 16:07:27

10M High Channel



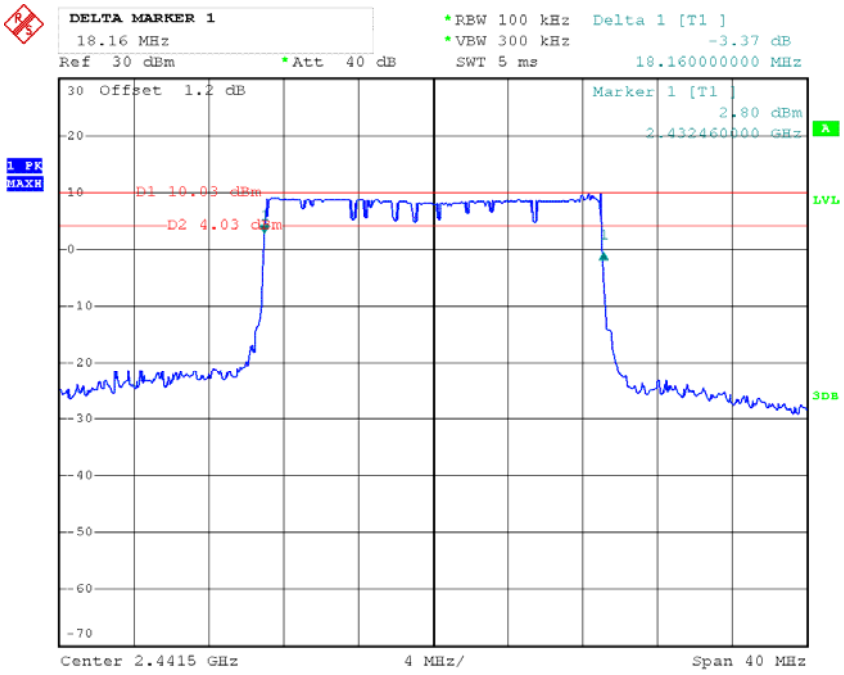
Date: 9.FEB.2018 15:38:39

20M Low Channel



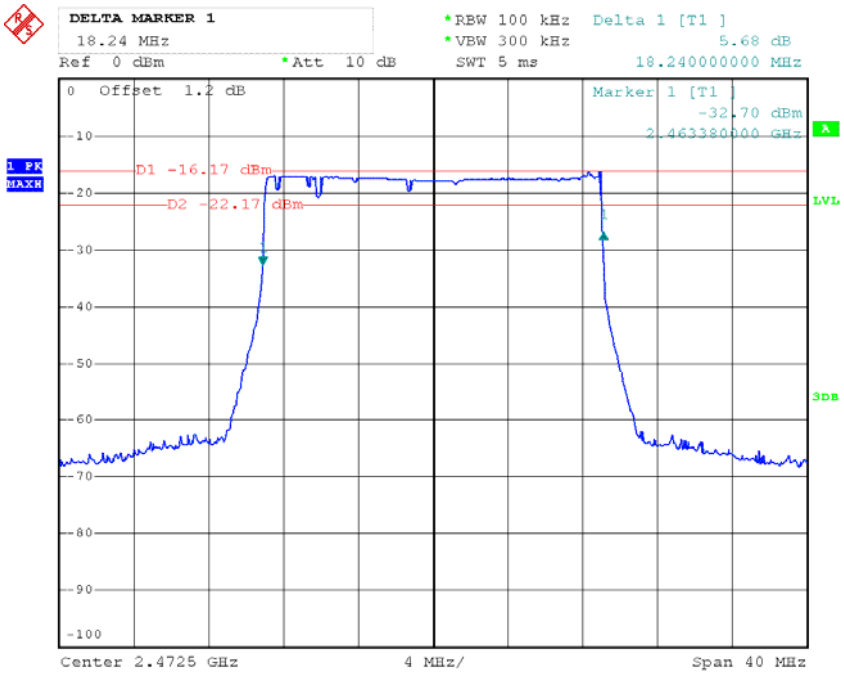
Date: 11.FEB.2018 08:42:28

20M Middle Channel



Date: 11.FEB.2018 08:45:01

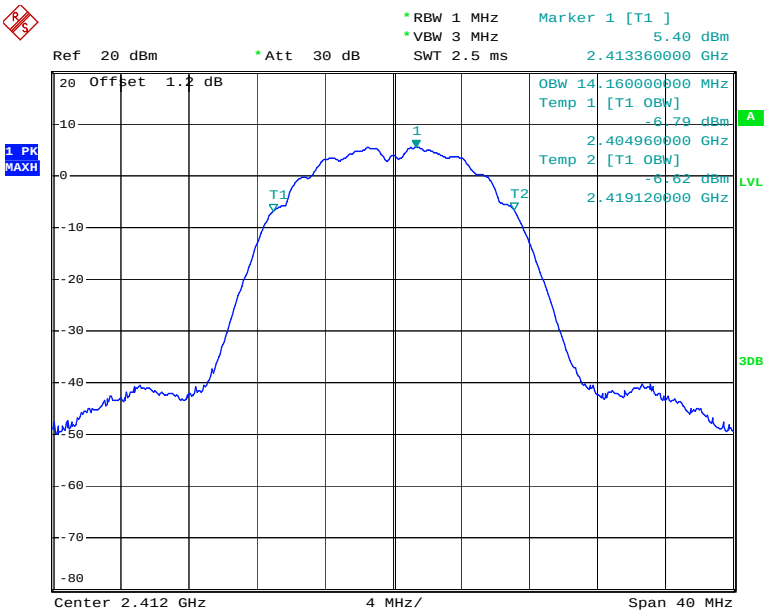
20M High Channel



Date: 11.FEB.2018 08:48:55

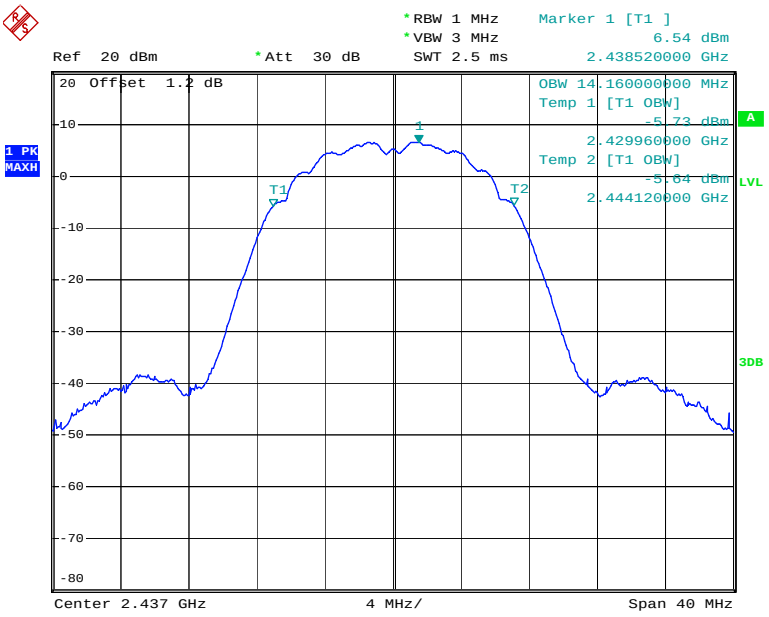
99% Occupied Bandwidth:

802.11b Low Channel



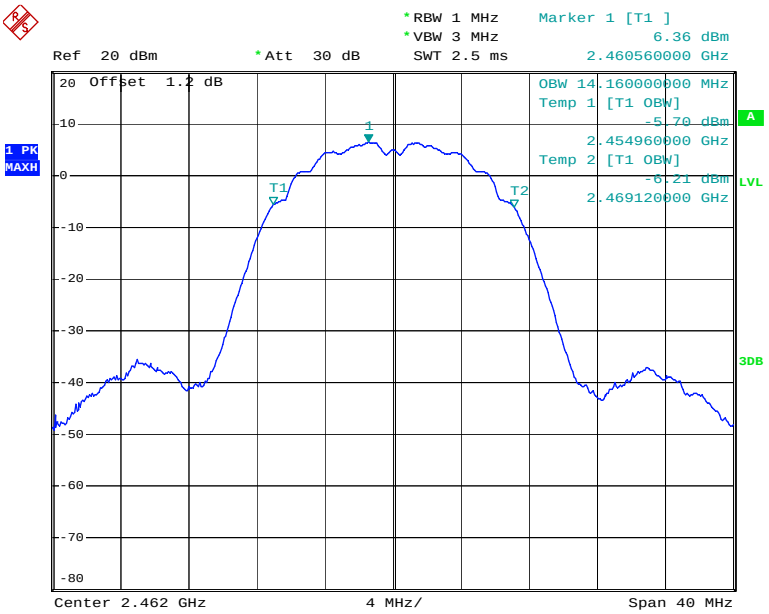
Date: 2.MAR.2018 00:22:22

802.11b Middle Channel



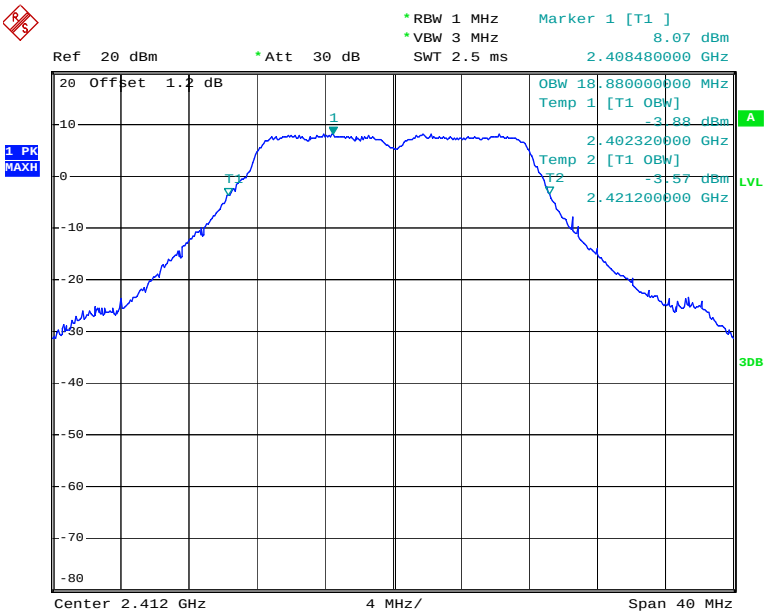
Date: 2.MAR.2018 00:25:43

802.11b High Channel



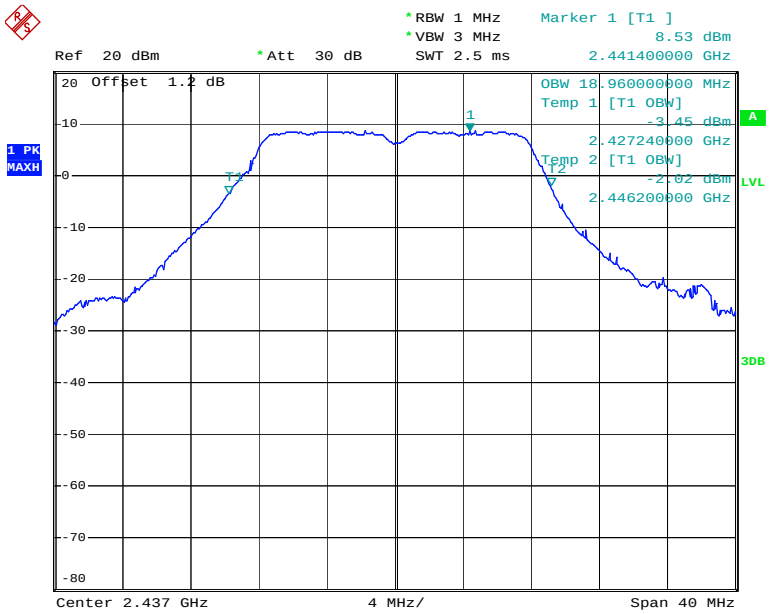
Date: 2.MAR.2018 00:29:10

802.11g Low Channel



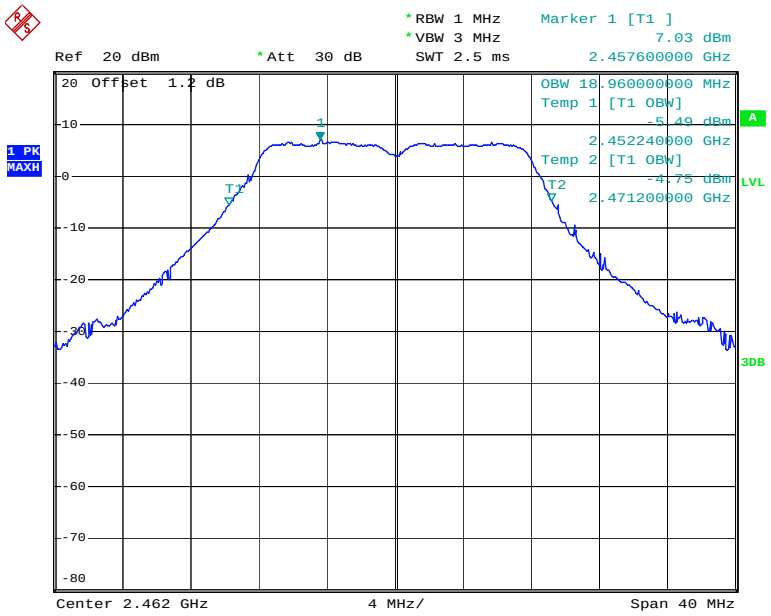
Date: 2.MAR.2018 19:25:52

802.11g Middle Channel



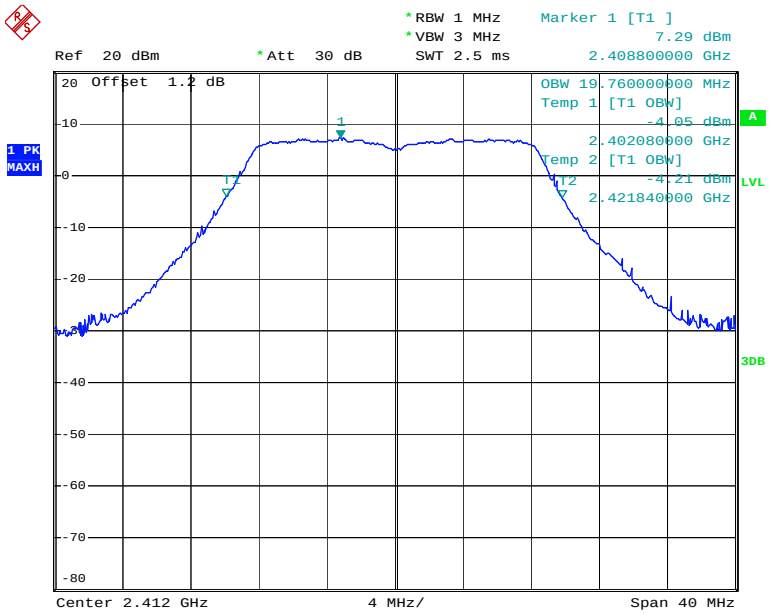
Date: 2.MAR.2018 19:30:09

802.11g High Channel



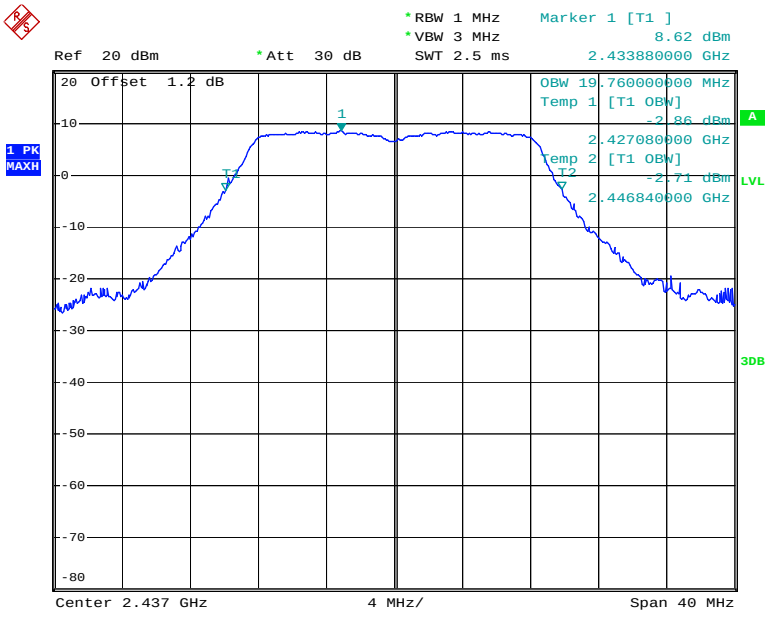
Date: 2.MAR.2018 19:34:01

802.11n ht20 Low Channel



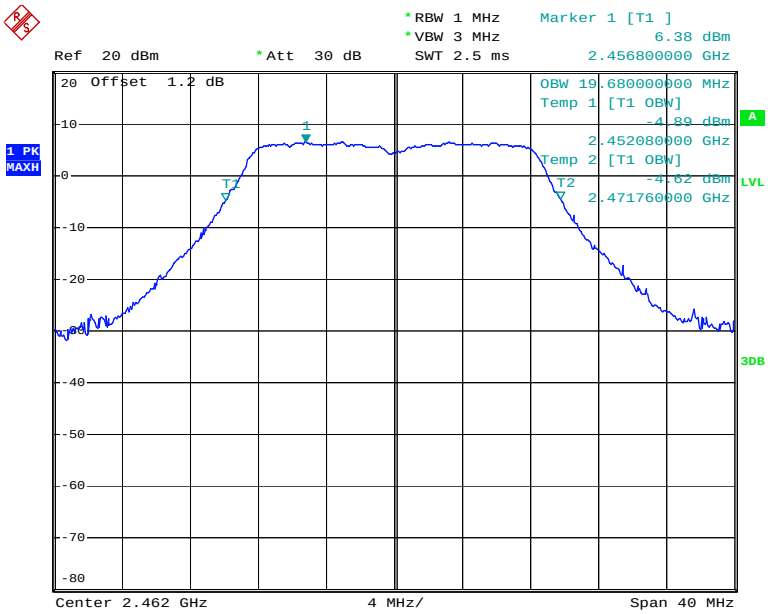
Date: 2.MAR.2018 20:00:22

802.11n ht20 Middle Channel



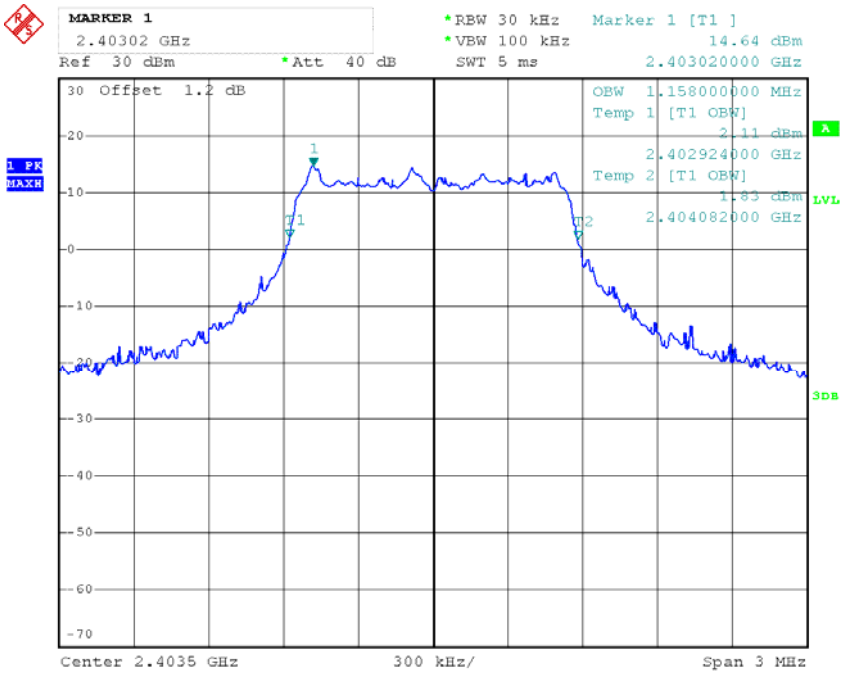
Date: 2.MAR.2018 19:55:01

802.11n ht20 High Channel



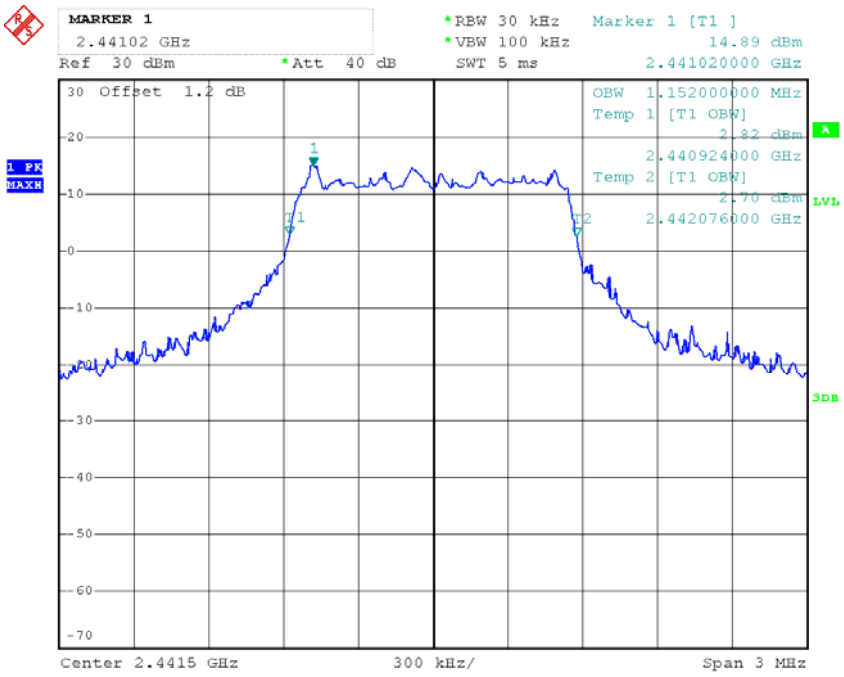
Date: 2.MAR.2018 19:51:01

1.4M Low Channel



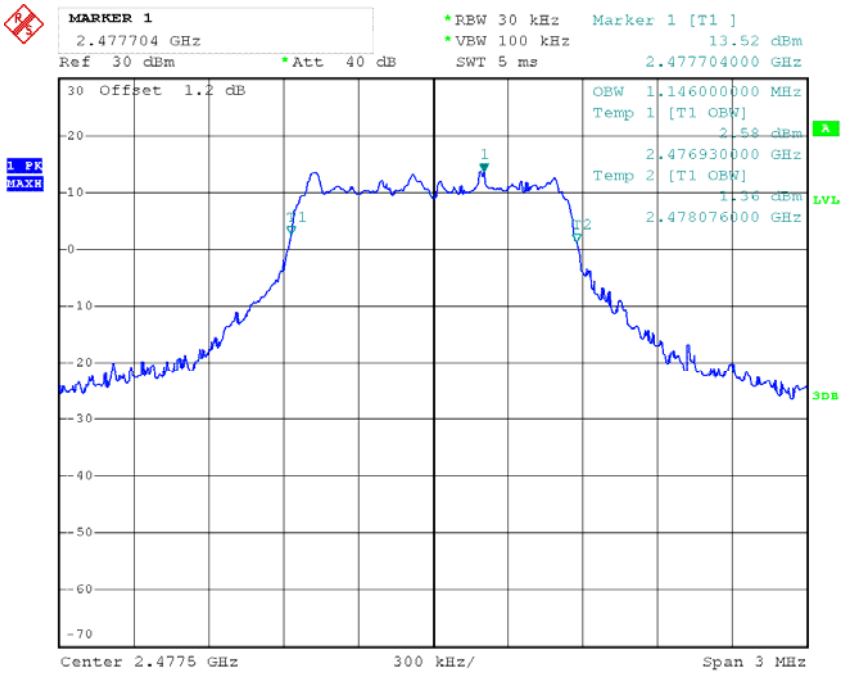
Date: 9.FEB.2018 13:49:17

1.4M Middle Channel



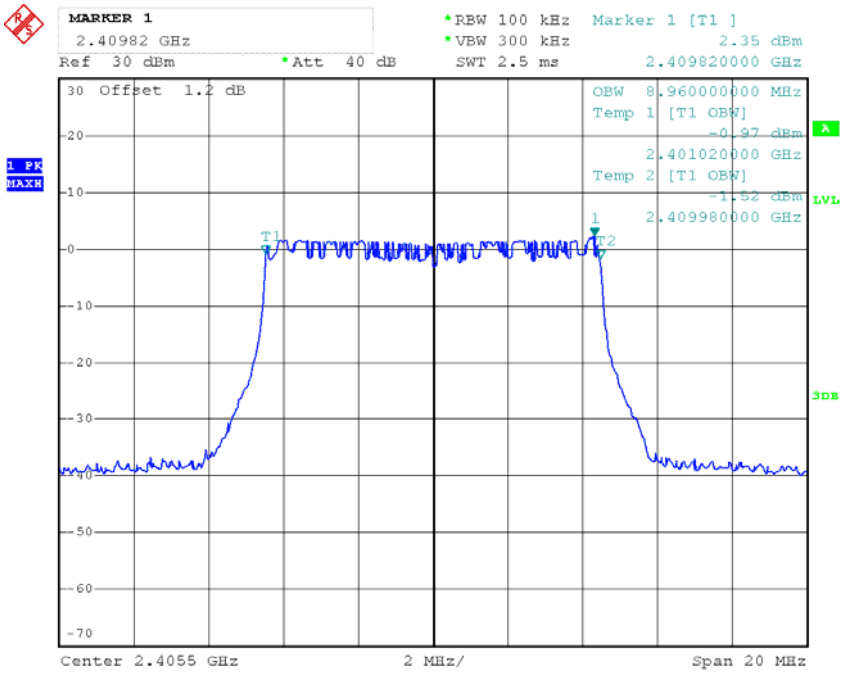
Date: 9.FEB.2018 13:50:07

1.4M High Channel



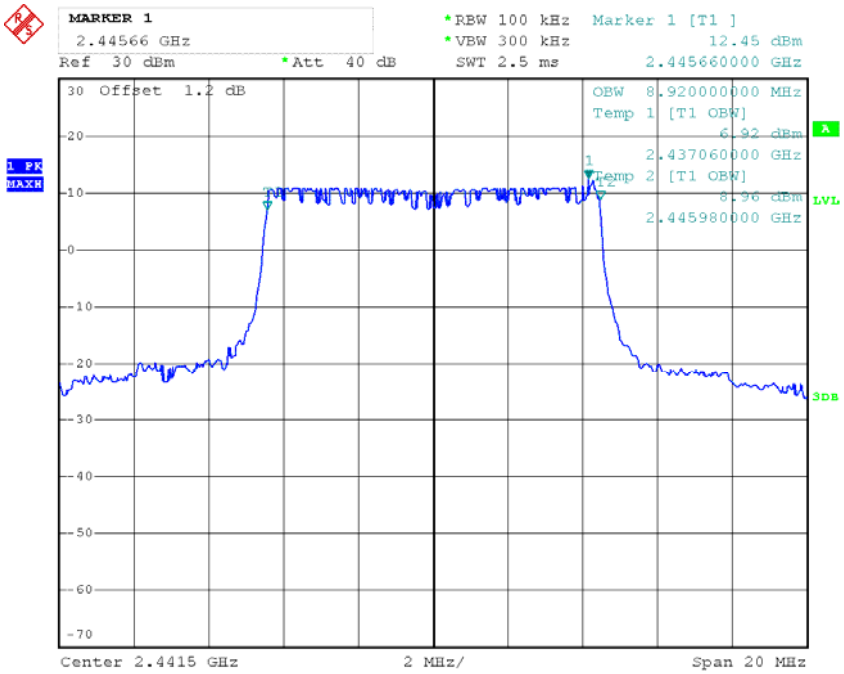
Date: 9.FEB.2018 13:51:59

10M Low Channel



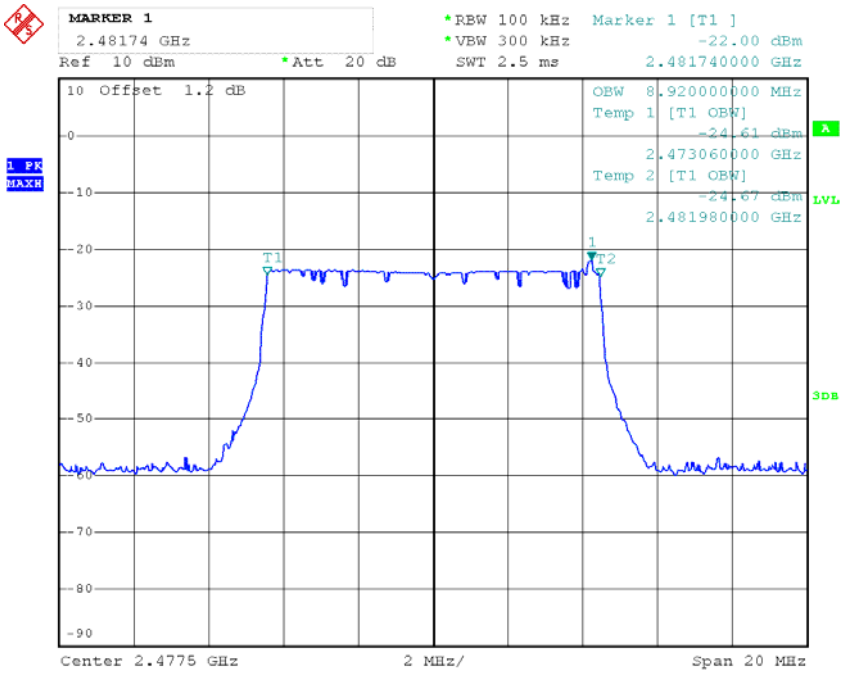
Date: 9.FEB.2018 15:58:51

10M Middle Channel



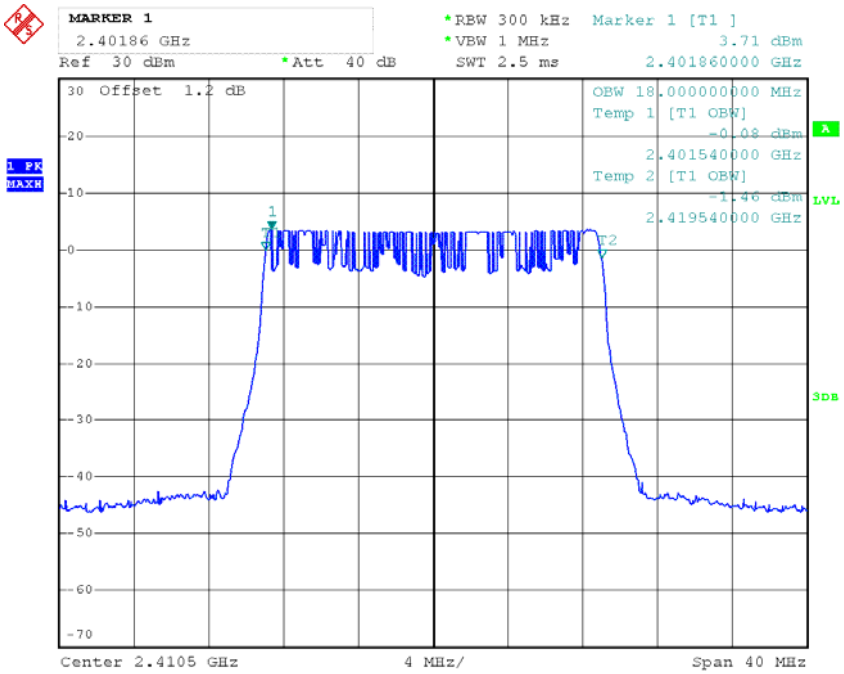
Date: 9.FEB.2018 15:57:01

10M High Channel



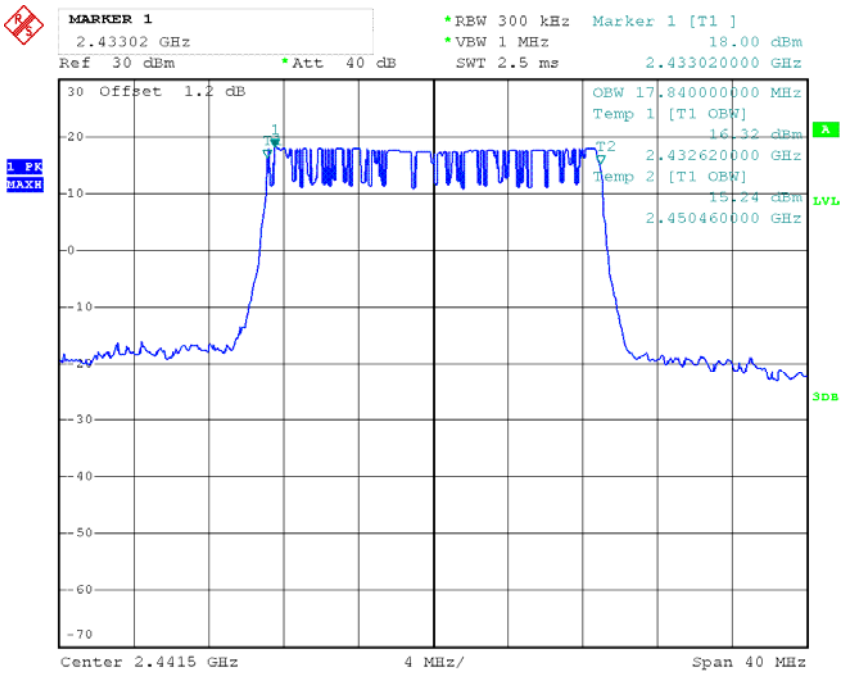
Date: 9.FEB.2018 15:53:46

20M Low Channel



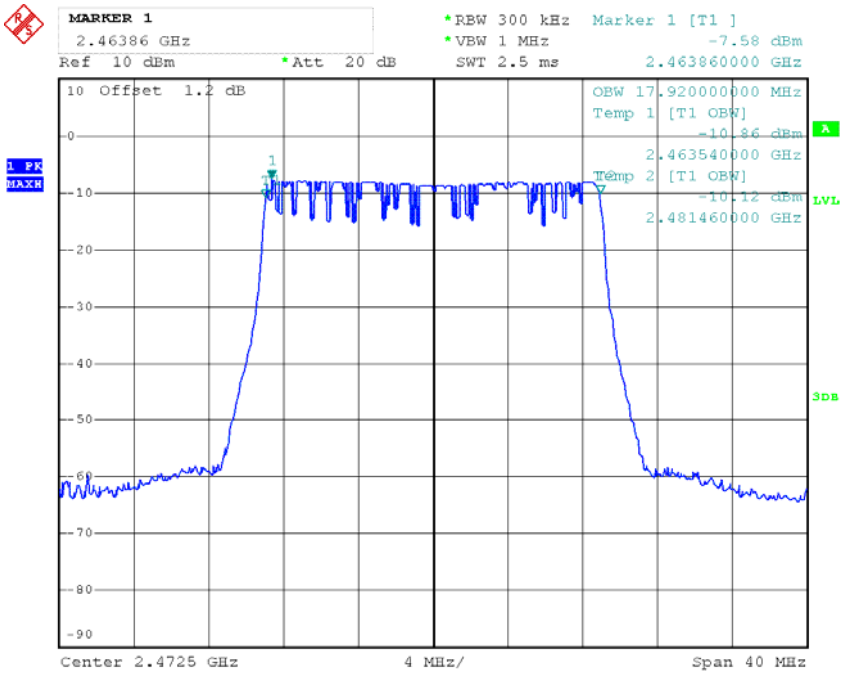
Date: 11.FEB.2018 09:03:00

20M Middle Channel



Date: 11.FEB.2018 09:00:36

20M High Channel



Date: 11.FEB.2018 09:06:24

FCC §15.247(b) (3)&RSS-247 §5.4 d) - MAXIMUM CONDUCTED OUTPUT POWER

Applicable Standard

According to FCC §15.247(b) (3), for systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt. As an alternative to a peak power measurement, compliance with the one Watt limit can be based on a measurement of the maximum conducted output power. Maximum Conducted Output Power is defined as the total transmit power delivered to all antennas and antenna elements averaged across all symbols in the signaling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or is transmitting at a reduced power level. If multiple modes of operation are possible (e.g., alternative modulation methods), the maximum conducted output power is the highest total transmit power occurring in any mode.

According to RSS-247§5.4 d) For DTSs employing digital modulation techniques operating in the bands 902-928 MHz and 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W. Except as provided in Section 5.4(e), the e.i.r.p. shall not exceed 4 W.
As an alternative to a peak power measurement, compliance can be based on a measurement of the maximum conducted output power. The maximum conducted output power is the total transmit power delivered to all antennas and antenna elements, averaged across all symbols in the signalling alphabet when the transmitter is operating at its maximum power control level. Power must be summed across all antennas and antenna elements. The average must not include any time intervals during which the transmitter is off or transmitting at a reduced power level. If multiple modes of operation are implemented, the maximum conducted output power is the highest total transmit power occurring in any mode.

Test Procedure

1. Place the EUT on a bench and set it in transmitting mode.
2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to test equipment.
3. Add a correction factor to the display.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Agilent	Wideband Power Sensor	N1921A	MY54210016	2017-12-11	2018-12-11
Agilent	P-Series Power Meter	N1912A	MY5000448	2017-12-11	2018-12-11
Unknown	Coaxial Cable	0.1m	C-1	Each Time	/

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	21.1 ~ 25 °C
Relative Humidity:	35 ~ 59 %
ATM Pressure:	101 ~ 102.1 kPa

The testing was performed by Andy Huang from 2018-02-09 to 2018-03-02.

Test Mode: Transmitting

Test Result: Compliant. Please refer to the following table.

802.11b/g/n ht20 modes:

Test Mode	Frequency (MHz)	Maximum Conducted Peak Output Power (dBm)			Limit (dBm)
		Chain 0	Chain 1	Total	
802.11b	2412	13.13	13.2	16.18	30
	2437	14.26	13.86	17.07	30
	2462	14.02	13.46	16.76	30
802.11g	2412	18.64	19	21.83	30
	2437	19.26	19.19	22.24	30
	2462	17.11	16.94	20.04	30
802.11n ht20	2412	17.99	17.8	20.91	30
	2437	19.39	19.56	22.49	30
	2462	17.31	16.88	20.11	30

Test Mode	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)			Limit (dBm)
		Chain 0	Chain 1	Total	
802.11b	2412	11.14	11.55	14.36	30
	2437	10.68	10.21	13.46	30
	2462	10.76	10.49	13.64	30
802.11g	2412	9.66	9.81	12.75	30
	2437	10.49	10.44	13.48	30
	2462	8.75	8.54	11.66	30
802.11n ht20	2412	8.6	8.84	11.73	30
	2437	10.45	10.38	13.43	30
	2462	8.75	8.47	11.62	30

Note: the maximum antenna gain is 4.9 dBi, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01, for power measurements on IEEE 802.11 devices:

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4;

So:

Directional gain = G_{ANT} + Array Gain = 4.9 dBi

1.4MHz Mode:

Frequency (MHz)	Max Peak Conducted Output Power (dBm)		Max Average Conducted Output Power (dBm)		Limit (dBm)
	Chain 0	Chain 1	Chain 0	Chain 1	
2403.5	26.47	27.43	21.41	21.46	30
2441.5	27.46	28.24	21.17	21.43	30
2477.5	25.88	26.55	19.14	19.25	30

10MHz Mode:

Frequency (MHz)	Max Peak Conducted Output Power (dBm)		Max Average Conducted Output Power (dBm)		Limit (dBm)
	Chain 0	Chain 1	Chain 0	Chain 1	
2405.5	20.09	20.08	10.57	10.57	30
2406.5	20.31	20.19	10.52	10.52	30
2407.5	21.24	21.58	11.66	11.66	30
2408.5	21.27	21.47	11.63	11.63	30
2409.5	22.29	22.62	12.65	12.65	30
2410.5	22.45	22.68	12.55	12.55	30
2411.5	22.52	22.79	12.65	12.65	30
2412.5	22.39	22.63	12.64	12.64	30
2413.5	23.82	23.76	13.67	13.67	30
2414.5	24.98	24.64	14.68	14.68	30
2415.5	24.78	24.73	14.64	14.64	30
2416.5	26.76	26.55	15.74	15.74	30
2417.5	28.17	28.11	18.71	18.71	30
2441.5	28.6	28.03	18.56	18.68	30
2456.5	28.74	28.01	18.37	18.27	30
2457.5	27.48	27.61	17.15	17.24	30
2458.5	26.88	26.36	16.13	16.11	30
2459.5	26.58	26.11	16.1	16.08	30
2460.5	25.97	25.77	15.31	15.25	30
2461.5	25.84	25.48	15.29	15.21	30
2462.5	24.62	24.65	14.19	14.13	30
2463.5	24.36	24.51	14.18	14.14	30
2464.5	23.69	23.57	13.06	13.1	30
2465.5	23.17	22.73	13.05	13.09	30
2466.5	20.96	20.83	10.75	10.88	30
2467.5	20.97	20.68	10.72	10.87	30
2468.5	19.77	19.56	9.59	9.86	30
2469.5	19.85	19.33	9.58	9.86	30
2470.5	19.56	19.37	8.67	8.89	30
2471.5	18.88	18.05	8.66	8.88	30
2472.5	16.59	16.65	6.53	6.63	30
2473.5	15.92	15.65	5.45	5.84	30
2474.5	14.71	14.54	4.44	4.68	30
2475.5	13.34	13.83	3.45	3.75	30
2476.5	11.88	11.69	1.42	1.74	30
2477.5	-5.08	-4.33	-17.08	-16.93	30

20MHz:

Frequency (MHz)	Max Peak Conducted Output Power (dBm)		Max Average Conudcted Output Power (dBm)		Limit (dBm)
	Chain 0	Chain 1	Chain 0	Chain 1	
2410.5	14.8	14.93	4.03	4.32	30
2411.5	15.83	15.95	5.97	6.22	30
2412.5	16.86	16.98	6.96	6.5	30
2413.5	17.85	17.04	7.94	8.24	30
2414.5	17.87	17.03	7.92	8.23	30
2415.5	17.88	18.05	7.87	8.22	30
2416.5	19.17	19.07	9.13	9.39	30
2417.5	20.24	20.36	10.08	10.39	30
2418.5	21.53	21.47	11.05	10.38	30
2419.5	21.52	21.63	11	11.41	30
2420.5	22.95	22.64	12.33	12.42	30
2421.5	22.01	22.65	12.25	12.41	30
2422.5	22.96	22.64	12.23	12.39	30
2423.5	23.24	23.84	13.32	13.48	30
2424.5	23.36	23.85	13.28	13.47	30
2425.5	24.15	24.95	14.29	14.65	30
2426.5	24.25	24.65	14.24	14.49	30
2427.5	24.65	24.77	14.22	14.48	30
2428.5	25.32	25.45	15.31	15.6	30
2429.5	25.46	25.67	15.35	15.61	30
2430.5	26.66	26.75	16.41	16.65	30
2431.5	26.78	26.85	16.36	16.64	30
2432.5	28.11	28.74	18.3	18.58	30
2441.5	28.66	28.75	18.49	18.96	30
2442.5	28.55	28.74	18.32	18.79	30
2443.5	27.65	27.96	17.33	17.76	30
2444.5	26.65	26.57	16.15	16.73	30
2445.5	26.54	26.41	16.14	16.71	30
2446.5	25.11	25.23	14.99	15.62	30
2447.5	24.98	25.41	14.95	15.61	30
2448.5	23.55	24.25	13.93	14.48	30
2449.5	23.35	24.02	13.86	14.47	30
2450.5	23.43	23.16	13.15	13.41	30
2451.5	23.5	23.86	13.12	13.4	30
2452.5	22.27	22.88	11.94	12.25	30
2453.5	22.25	22.73	12.04	12.23	30
2454.5	21.92	21.56	10.83	11.17	30
2455.5	21.89	21.53	10.89	11.24	30
2456.5	20.87	20.82	10.79	11.14	30
2457.5	20.71	20.28	9.82	10.13	30
2458.5	20.57	20.38	9.8	10.11	30
2459.5	19.37	19.1	8.85	9.17	30
2460.5	19.65	19.38	9.06	9.37	30
2461.5	18.47	18.18	8.06	8.18	30
2462.5	17.44	18.11	7.75	8.17	30
2463.5	17.54	18.09	7.72	8.16	30

2464.5	17.39	18.06	7.71	8.15	30
2465.5	16.18	17.03	6.72	7.11	30
2466.5	16.14	17.03	6.7	7.08	30
2467.5	16.32	17.07	6.72	7.06	30
2468.5	15.14	15.96	4.63	5.08	30
2469.5	10.19	10.8	0.63	0.94	30
2470.5	9.92	9.78	-1.43	-1.11	30
2471.5	90.09	9.07	-1.46	-1.12	30
2472.5	3.81	3.76	-7.44	-7.07	30

FCC§15.247(d)&RSS-247 §5.5 – 100 kHz BANDWIDTH OF FREQUENCY BAND EDGE

Applicable Standard

According to FCC§15.247(d):In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §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)).

According to RSS-247 §5.5:

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under section 5.4(d), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

Test Procedure

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect its antenna terminal to measurement instrument via a low loss cable. Then set it to any one measured frequency within its operating range, and make sure the instrument is operated in its linear range.
3. Set RBW to 100 kHz and VBW of spectrum analyzer to 300 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
4. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.
5. Repeat above procedures until all measured frequencies were complete.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSP 38	100478	2017-12-08	2018-12-08
R&S	EMI Test Receiver	ESPI	100120	2017-12-11	2018-12-11
Unknown	Coaxial Cable	C-SJ00-0010	C0010/01	Each Time	/

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	21.1 ~ 25 °C
Relative Humidity:	35 ~ 59 %
ATM Pressure:	101 ~ 102.1 kPa

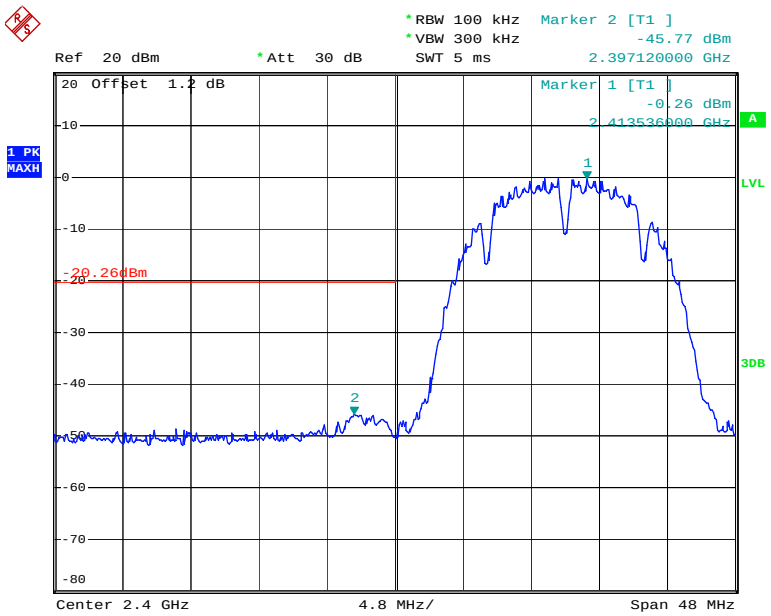
The testing was performed by Andy Huangfrom 2018-02-09 to 2018-03-02.

Test mode: Transmitting

Test Result: Compliant. please refer to following plots.

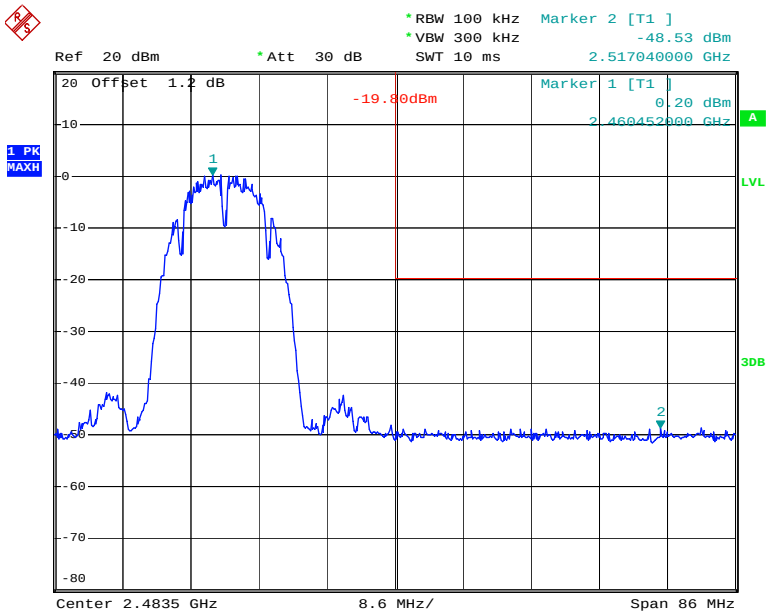
802.11b:

Chain 0, Band Edge, Left Side



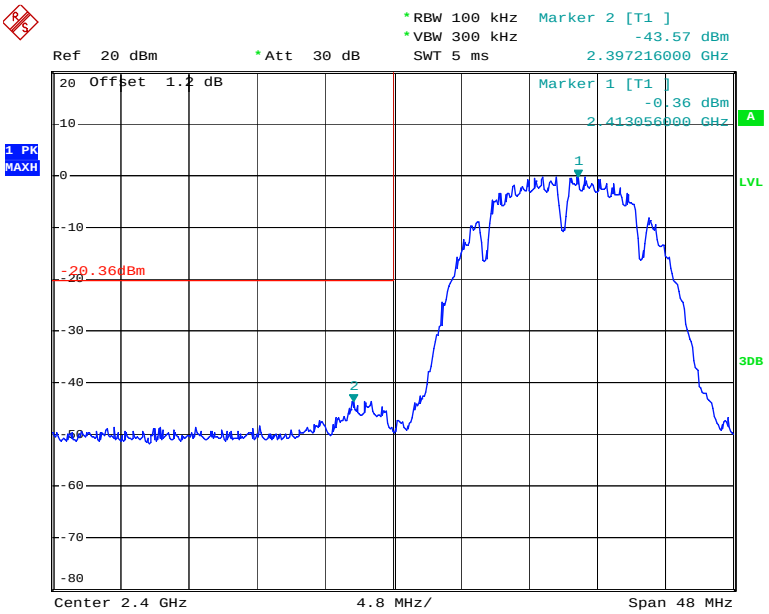
Date: 2.MAR.2018 00:24:32

Chain 0, Band Edge, Right Side



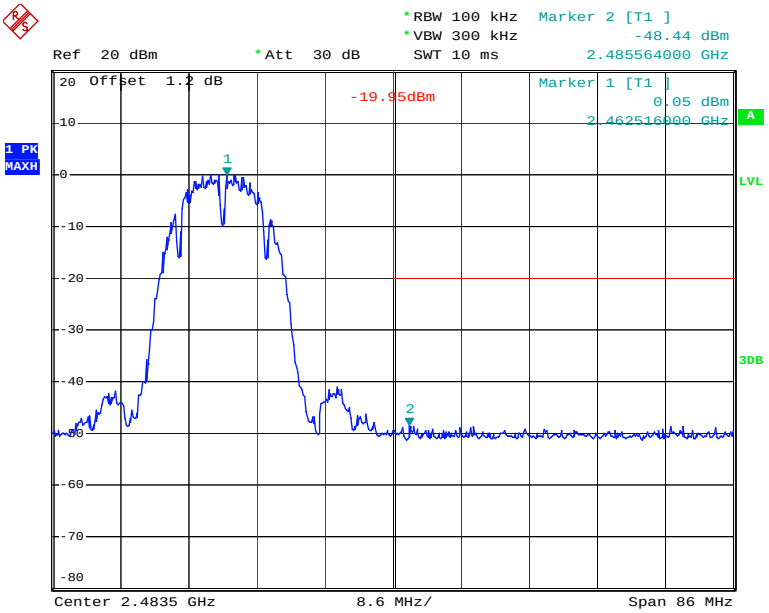
Date: 2.MAR.2018 00:31:20

Chain 1,Band Edge, Left Side



Date: 2.MAR.2018 00:35:23

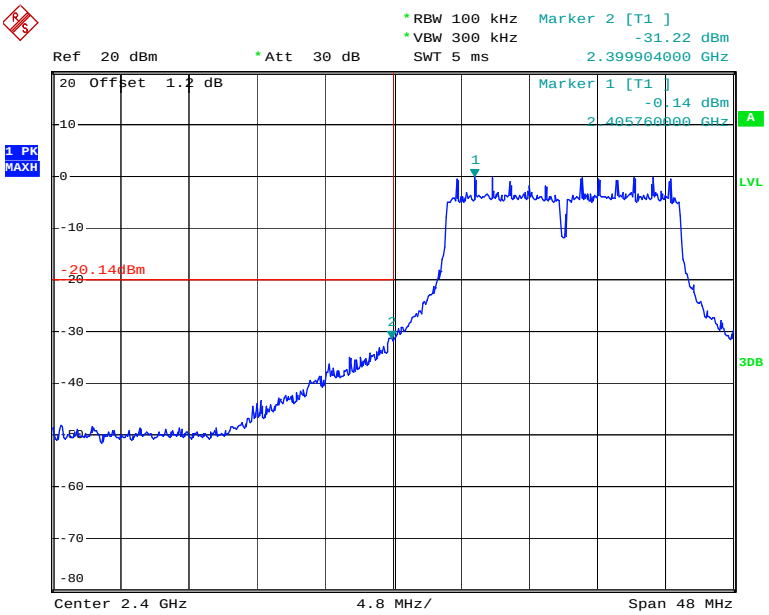
Chain 1,Band Edge, Right Side



Date: 2.MAR.2018 00:42:45

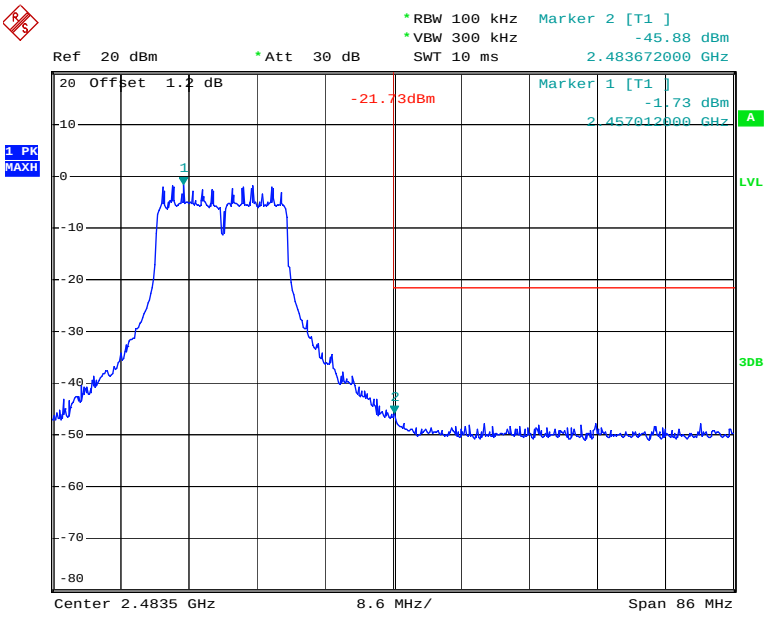
802.11g:

Chain 0, Band Edge, 2412MHz



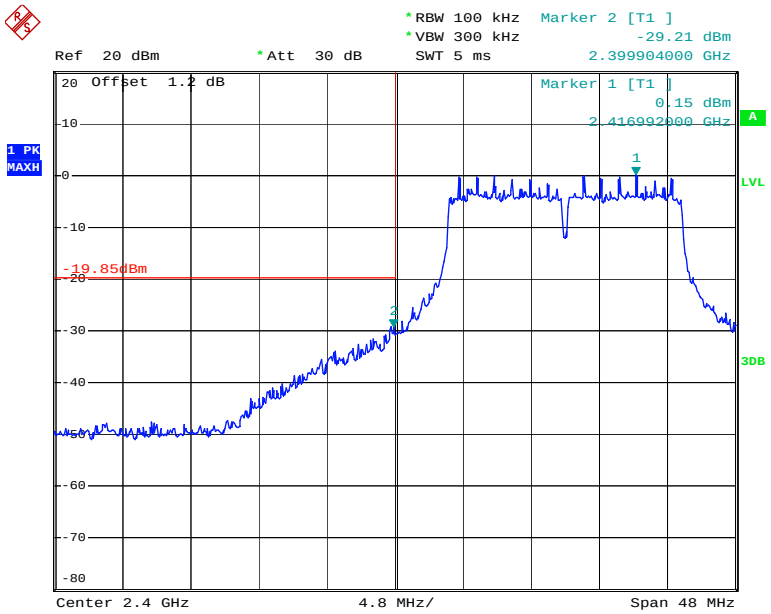
Date: 2.MAR.2018 19:28:36

Chain 0, Band Edge, 2462MHz



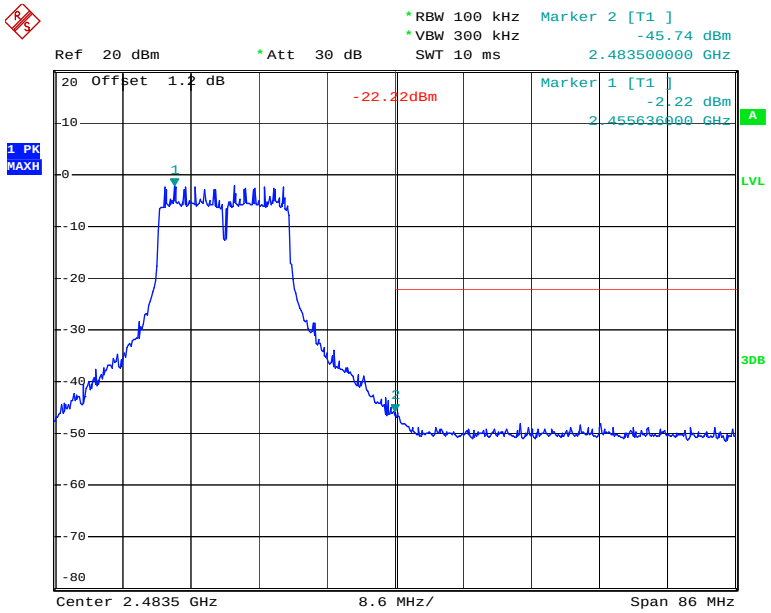
Date: 2.MAR.2018 19:36:49

Chain 1, Band Edge, 2412MHz



Date: 2.MAR.2018 00:47:27

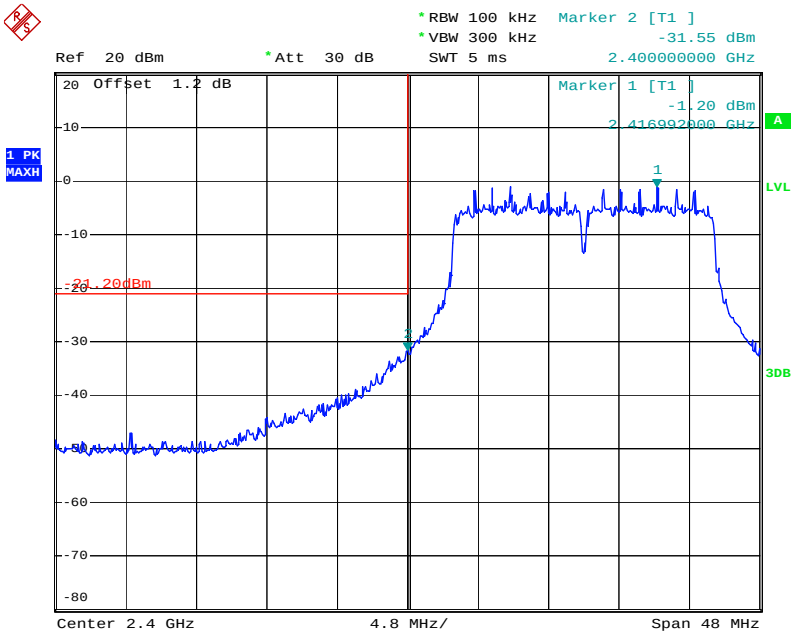
Chain 1, Band Edge, 2462MHz



Date: 2.MAR.2018 00:55:20

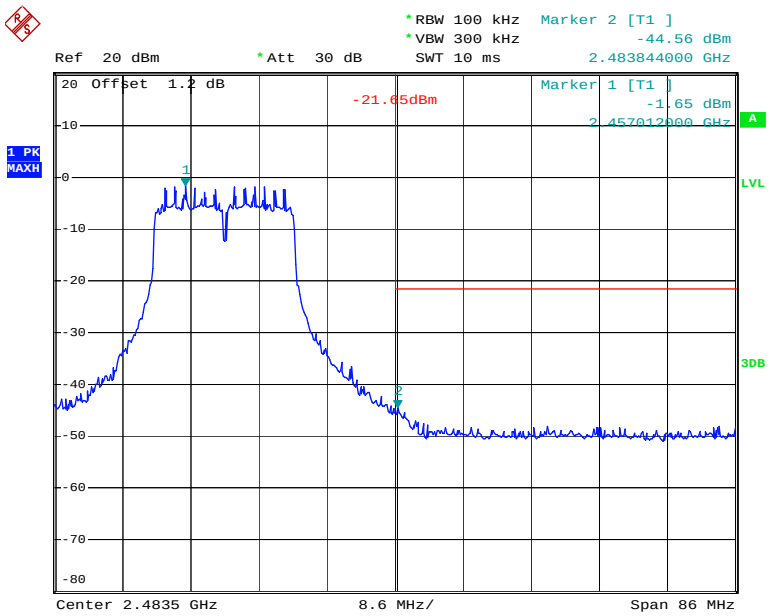
802.11n ht20:

Chain 0, Band Edge, 2412MHz



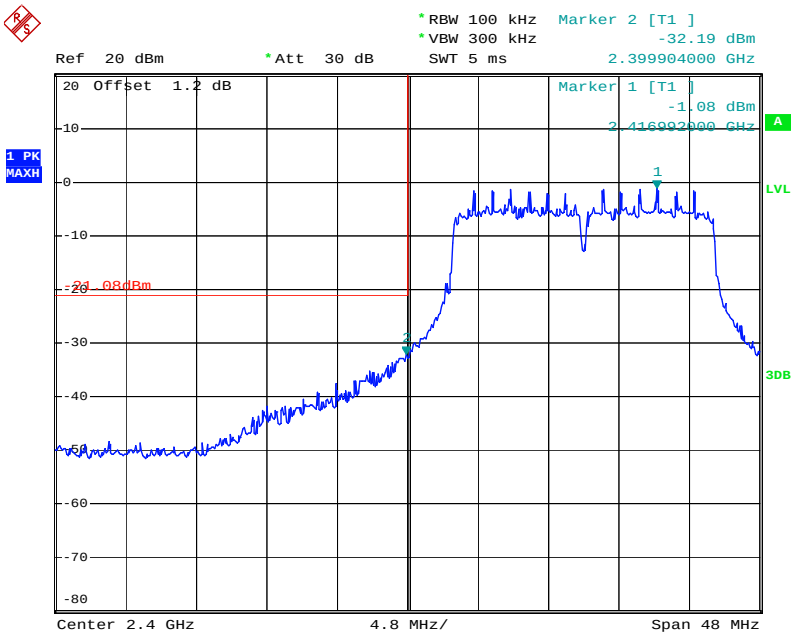
Date: 2.MAR.2018 20:03:24

Chain 0, Band Edge, 2462MHz



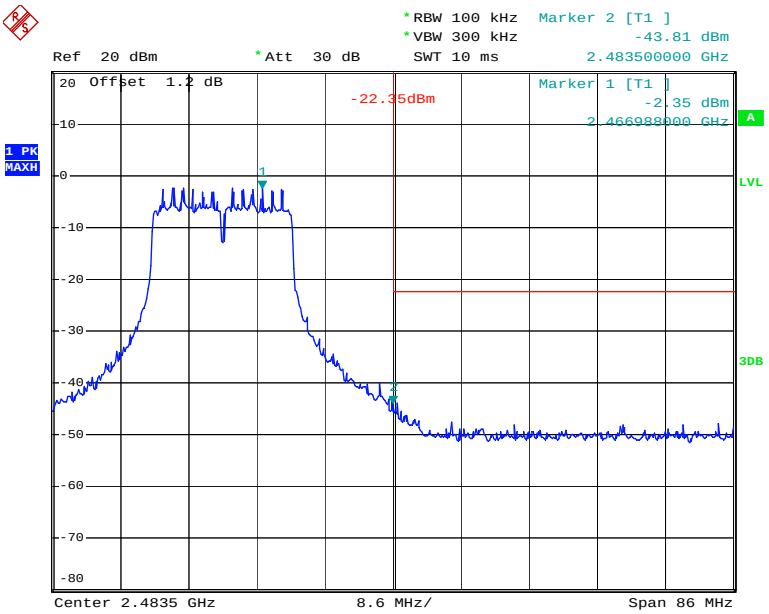
Date: 2.MAR.2018 19:53:50

Chain 1, Band Edge, 2412MHz



Date: 2.MAR.2018 18:54:34

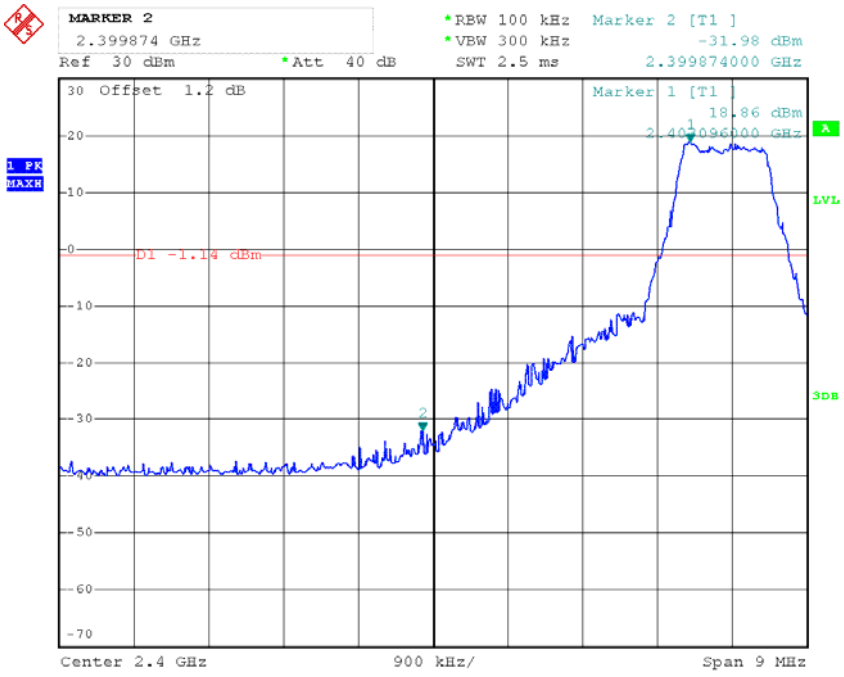
Chain 1, Band Edge, 2462MHz



Date: 2.MAR.2018 19:23:26

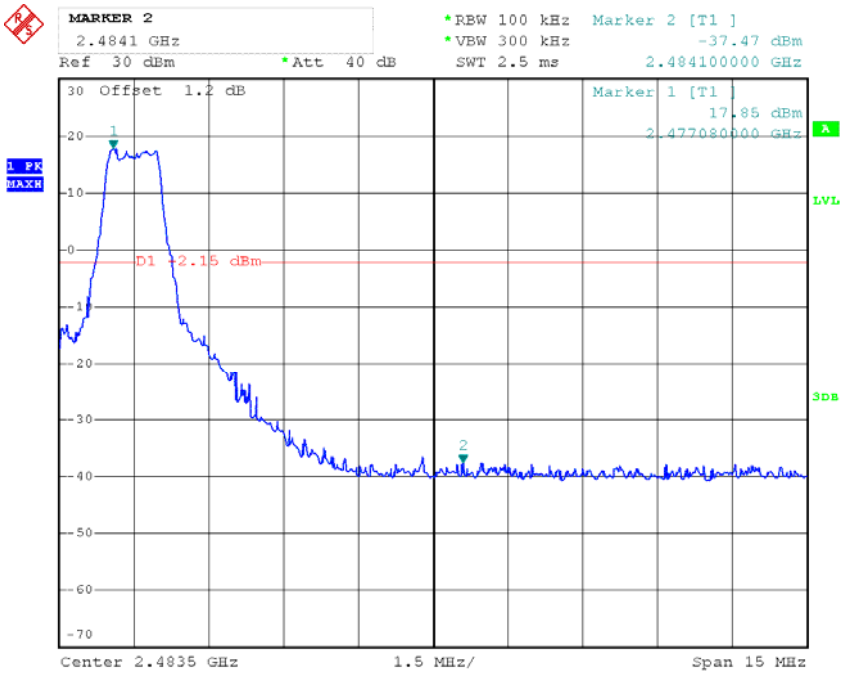
1.4M

Chain 0, Band Edge, Left Side



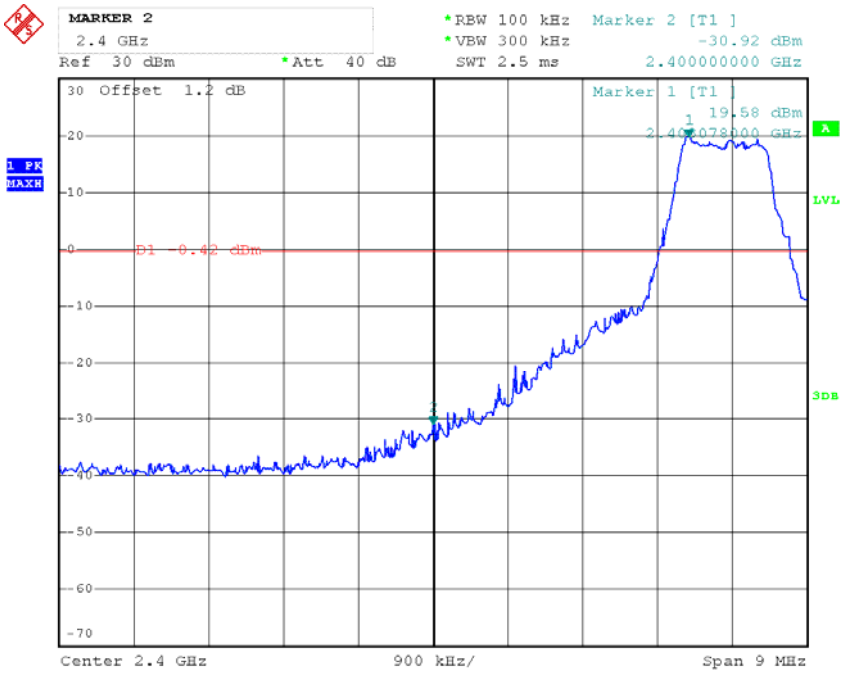
Date: 9.FEB.2018 14:48:02

Chain 0, Band Edge, Right Side



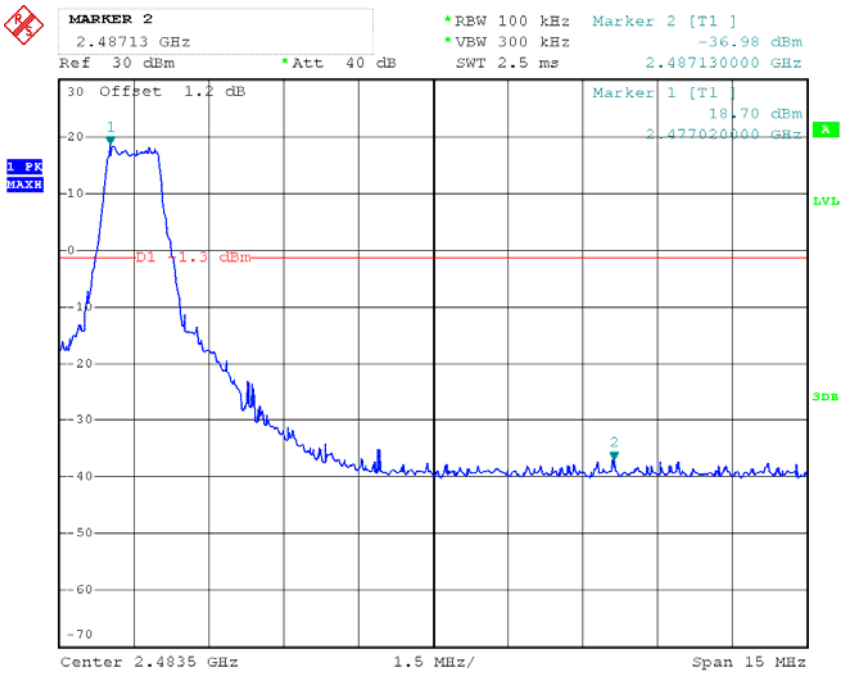
Date: 9.FEB.2018 14:49:33

Chain 1, Band Edge, Left Side



Date: 9.FEB.2018 14:08:42

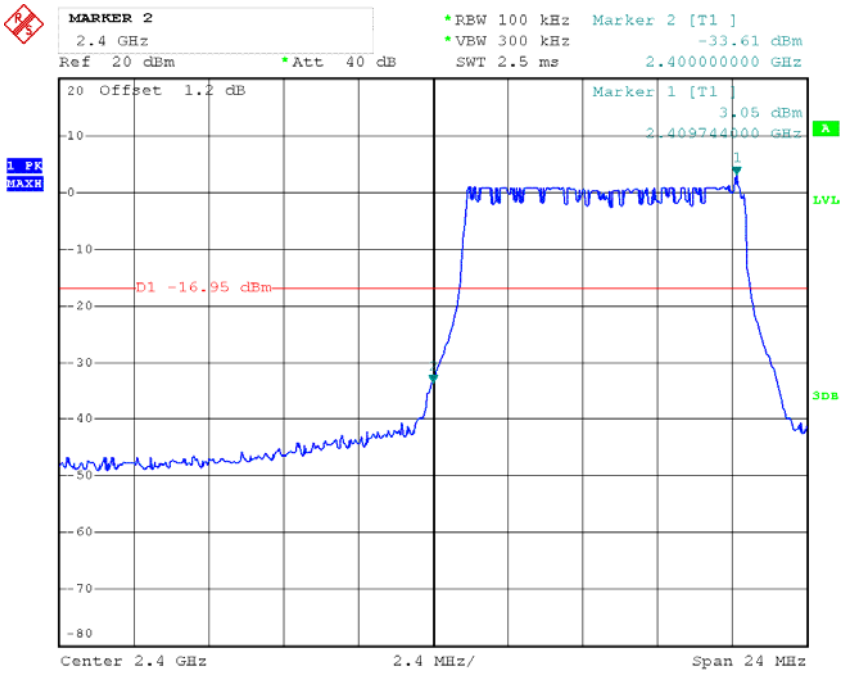
Chain 1, Band Edge, Right Side



Date: 9.FEB.2018 14:10:59

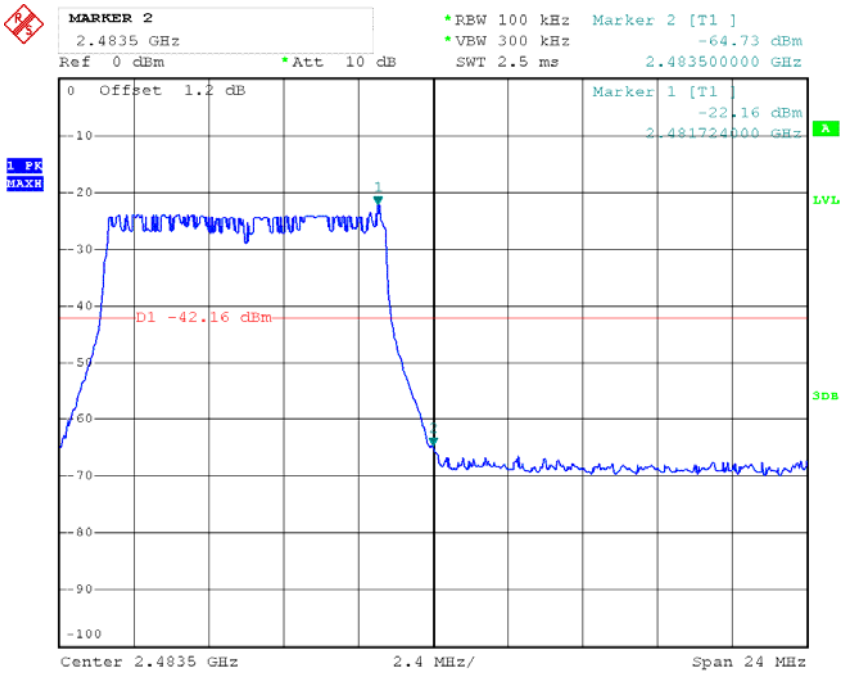
10M

Chain 0, Band Edge, Left Side



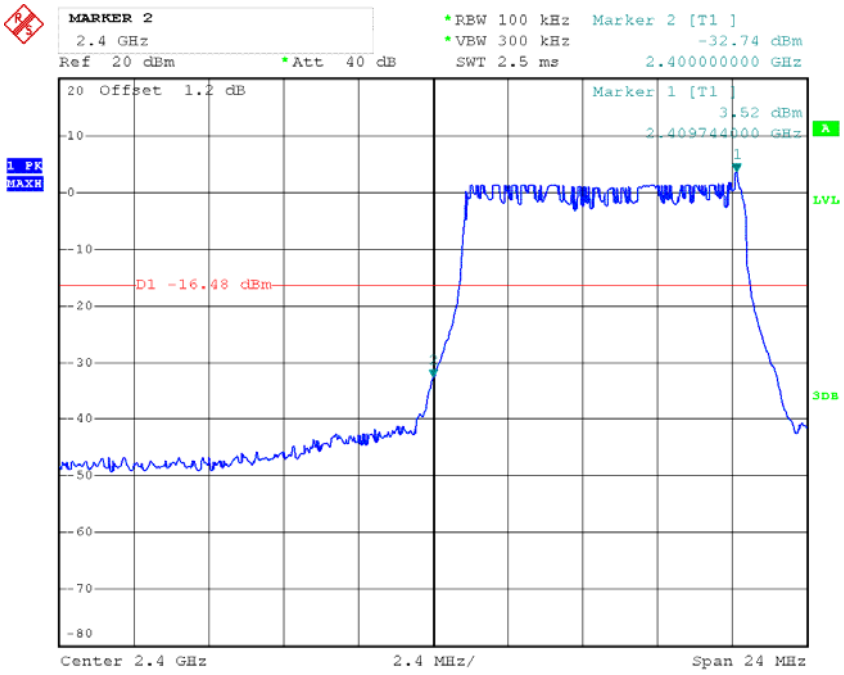
Date: 9.FEB.2018 16:52:48

Chain 0, Band Edge, Right Side



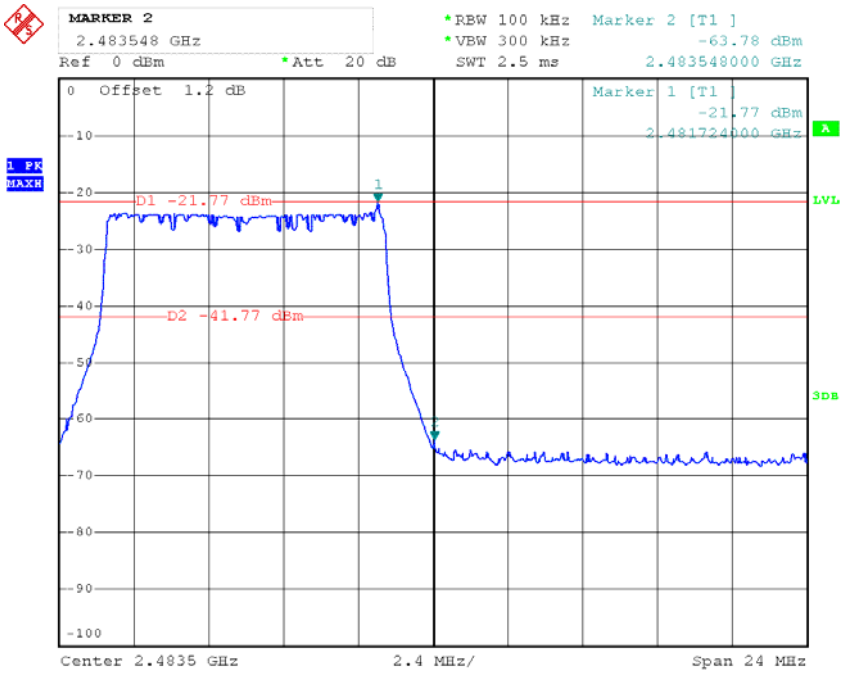
Date: 9.FEB.2018 16:54:33

Chain 1, Band Edge, Left Side



Date: 9.FEB.2018 16:16:16

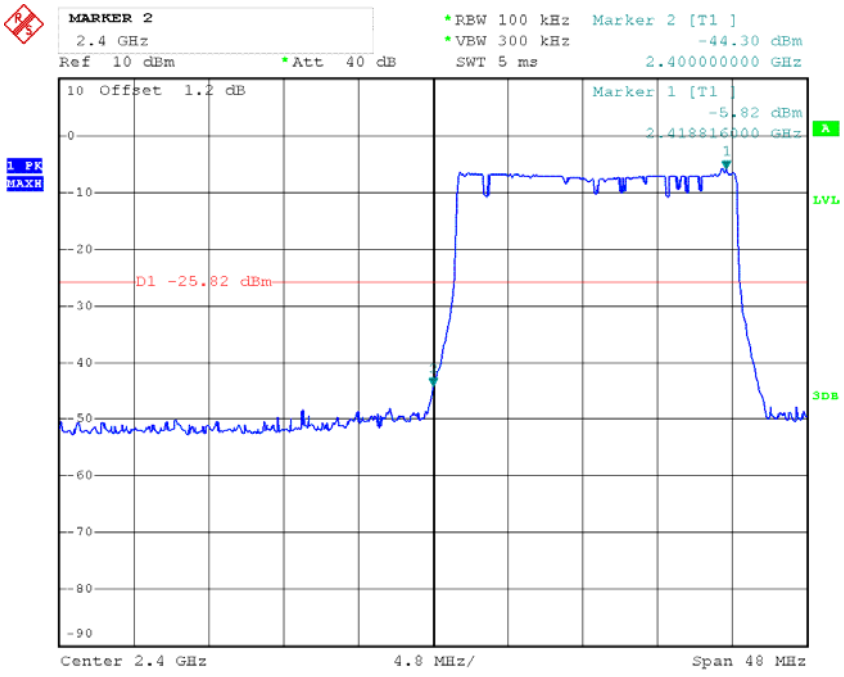
Chain 1, Band Edge, Right Side



Date: 9.FEB.2018 16:20:05

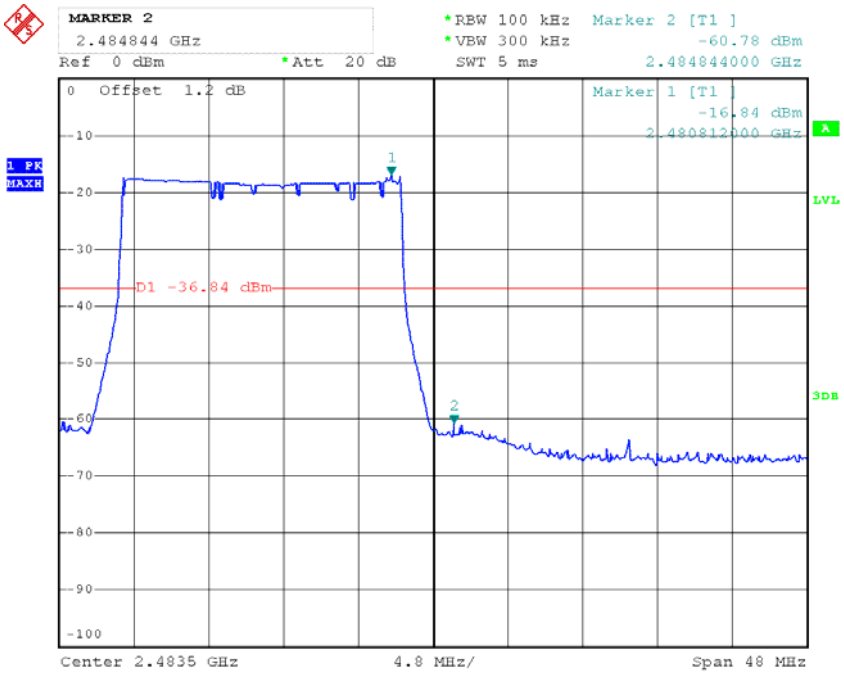
20M

Chain 0, Band Edge, Left Side



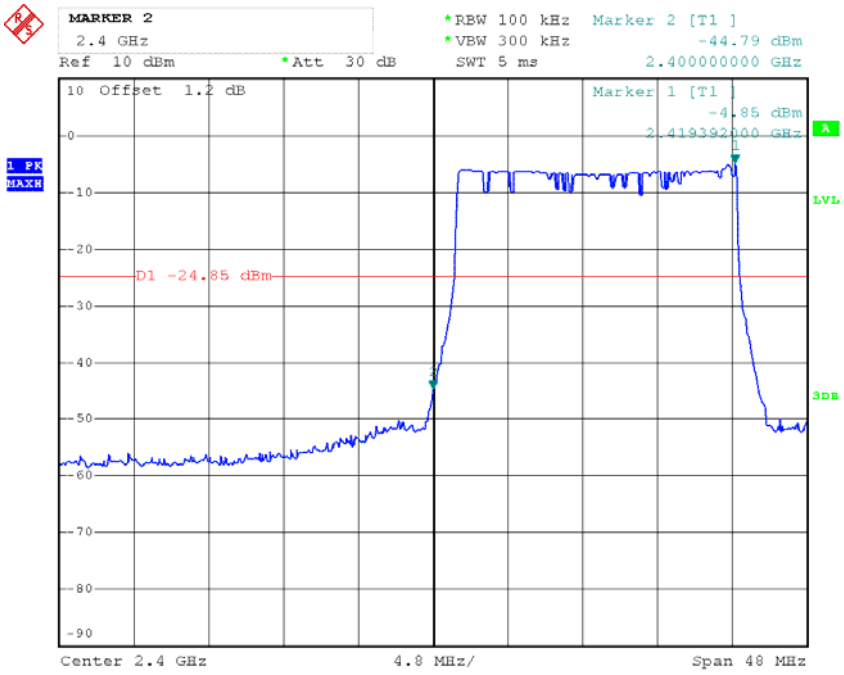
Date: 11.FEB.2018 09:40:41

Chain 0, Band Edge, Right Side



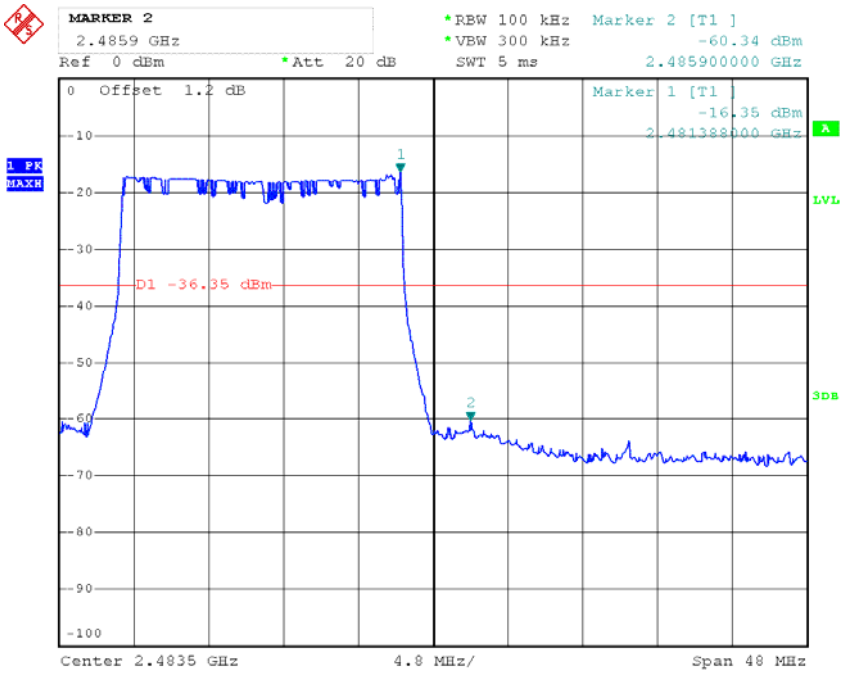
Date: 11.FEB.2018 09:36:41

Chain 1, Band Edge, Left Side



Date: 11.FEB.2018 09:12:33

Chain 1, Band Edge, Right Side



Date: 11.FEB.2018 09:15:51

FCC §15.247(e) &RSS-247 §5.2 b)- POWER SPECTRAL DENSITY

Applicable Standard

According to FCC§15.247(e):For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

According to RSS-247 §5.2 b):

b) The transmitter power spectral density conducted from the transmitter to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of section 5.4(d), (i.e. the power spectral density shall be determined using the same method as is used to determine the conducted output power).

Test Procedure

a) Set analyzer center frequency to DTS channel center frequency.
b) Set the span to 1.5 times the DTS bandwidth.
c) Set the RBW to: 3 kHz ≤ RBW ≤ 100 kHz.
d) Set the VBW ≥ 3×RBW.
e) Detector = RMS.
f) Sweep time = auto couple.
g) Trace mode = max hold.
h) Allow trace to fully stabilize.
i) Use the peak marker function to determine the maximum amplitude level within the RBW.
j) If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSP 38	100478	2017-12-08	2018-12-08
R&S	EMI Test Receiver	ESPI	100120	2017-12-11	2018-12-11
Unknown	Coaxial Cable	C-SJ00-0010	C0010/01	Each Time	/

*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data

Environmental Conditions

Temperature:	21.1 ~ 25 °C
Relative Humidity:	35 ~ 59 %
ATM Pressure:	101 ~ 102.1 kPa

The testing was performed by Andy Huang from 2018-02-09 to 2018-03-02.

Test Mode: Transmitting

Test Result: Compliant. Please refer to the following table and plots

802.11b/g/n ht20 modes

Test mode	Channel	Frequency (MHz)	PSD (dBm/3kHz)			Limit (dBm/3kHz)
			Chain 0	Chain 1	Total	
802.11b	Low	2412	-15.13	-15.89	-12.48	≤8
	Middle	2437	-14.2	-14.09	-11.13	≤8
	High	2462	-14.93	-14.64	-11.77	≤8
802.11g	Low	2412	-16.08	-15.83	-12.94	≤8
	Middle	2437	-15.78	-15.58	-12.67	≤8
	High	2462	-17.35	-17.88	-14.6	≤8
802.11n ht20	Low	2412	-15.07	-16.31	-12.64	≤8
	Middle	2437	-13.32	-12.65	-9.96	≤8
	High	2462	-17.03	-16.59	-13.79	≤8

Note: the maximum antenna gain is 4.9 dBi, the device employed Cyclic Delay Diversity (CDD) for 802.11 MIMO transmitting, per KDB 662911 D01 Multiple Transmitter Output v02r01,for power spectral density (PSD) measurements on the devices:

Array Gain = 10 log(N_{ANT}/N_{SS}) dB.

So:

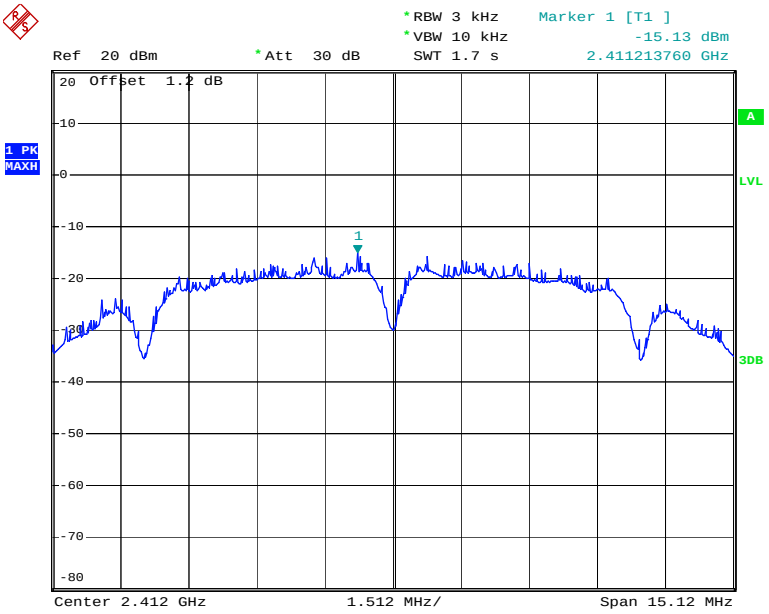
Directional gain = GANT + Array Gain = 4.9+10*log(1) =4.9dBi

Test mode	Channel	Frequency (MHz)	PSD (dBm/3kHz)		Limit (dBm/3kHz)
			Chain 0	Chain 1	
1.4MHz	Low	2403.5	3.9	4.69	≤8
	Middle	2441.5	4.64	5.33	≤8
	High	2477.5	3.16	3.83	≤8
10MHz	Low	2405.5	-16.49	-15.92	≤8
	Middle	2441.5	-6.8	-6.66	≤8
	High	2477.5	-41.25	-41.33	≤8
20MHz	Low	2410.5	-22.91	-23.19	≤8
	Middle	2441.5	-8.2	-8.66	≤8
	High	2472.5	-31.07	-31.48	≤8

Chain 0:

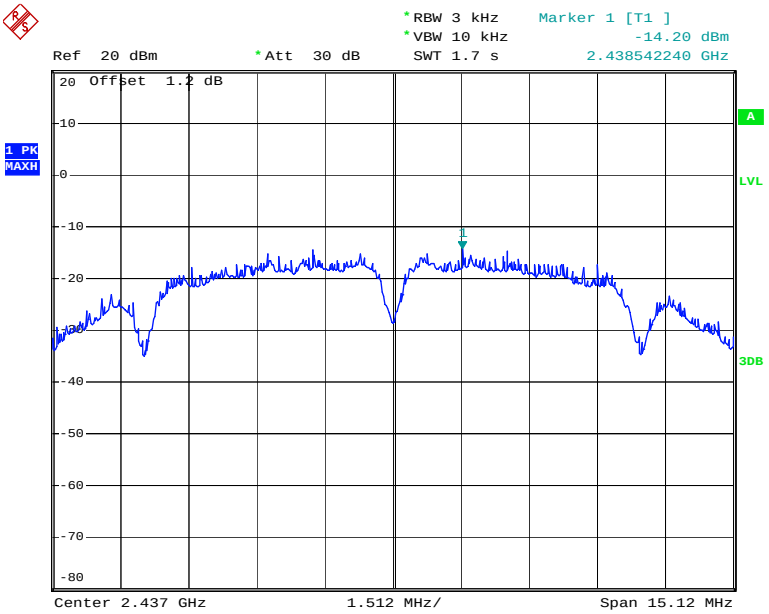
802.11b Mode:

Power Spectral Density, Low Channel



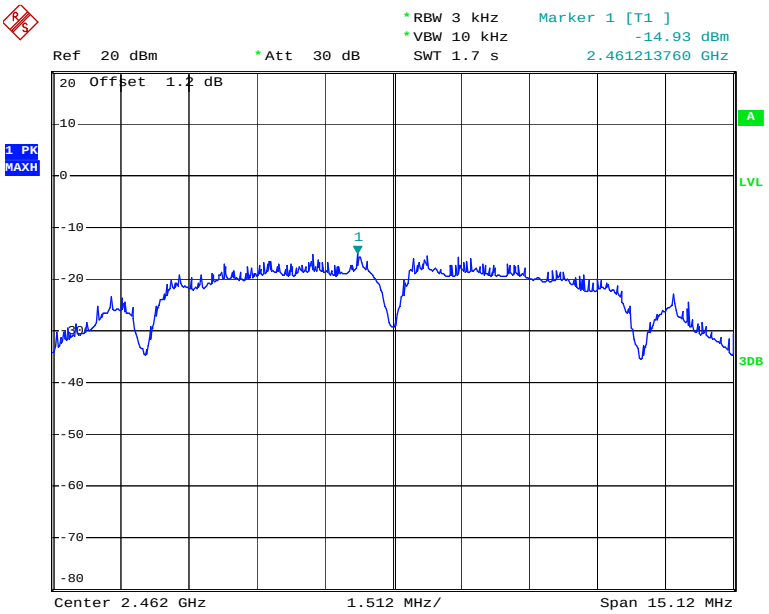
Date: 2.MAR.2018 00:23:08

Power Spectral Density, Middle Channel



Date: 2.MAR.2018 00:27:00

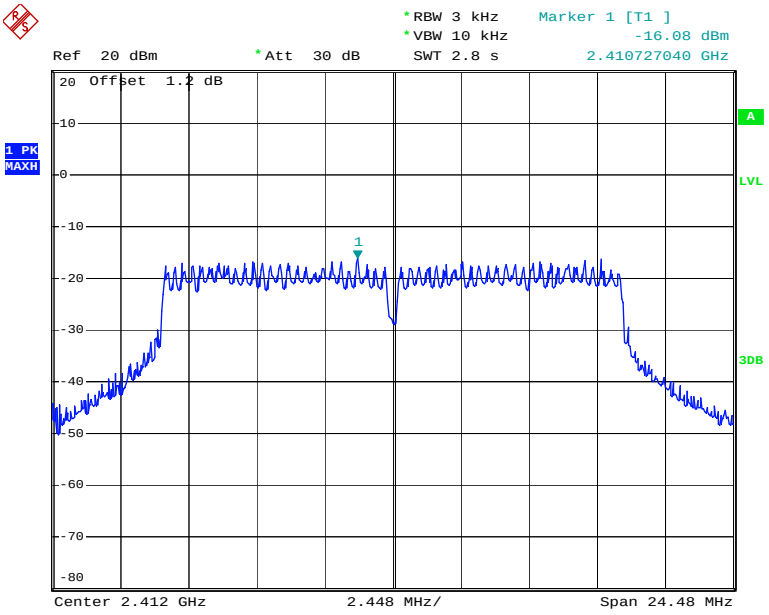
Power Spectral Density, High Channel



Date: 2.MAR.2018 00:30:02

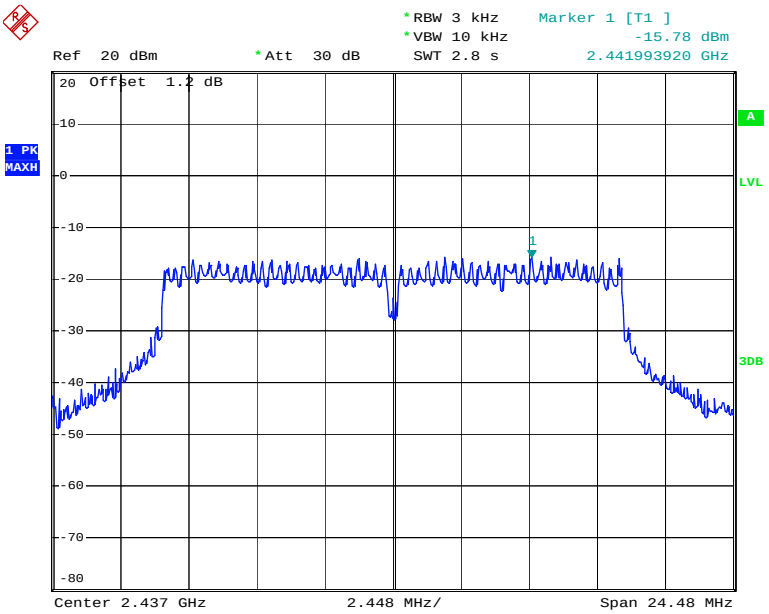
802.11g:

Power Spectral Density, Low Channel



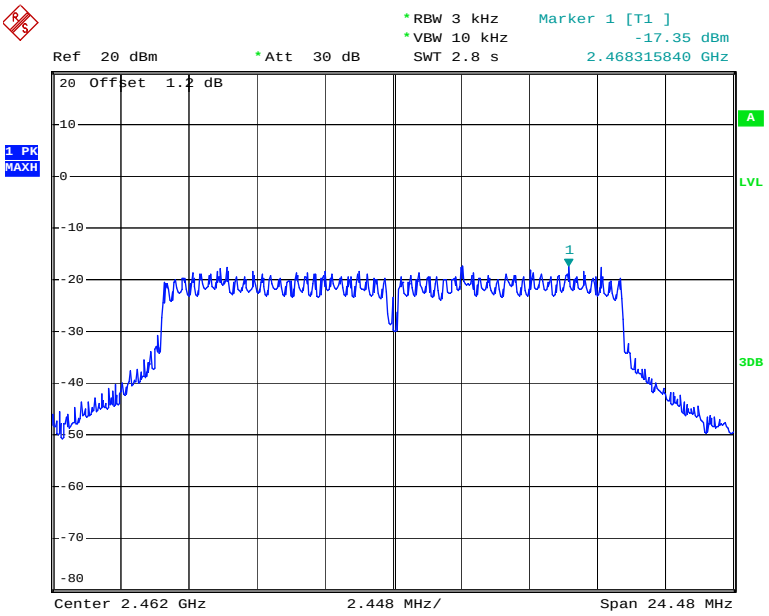
Date: 2.MAR.2018 19:27:01

Power Spectral Density, Middle Channel



Date: 2.MAR.2018 19:31:38

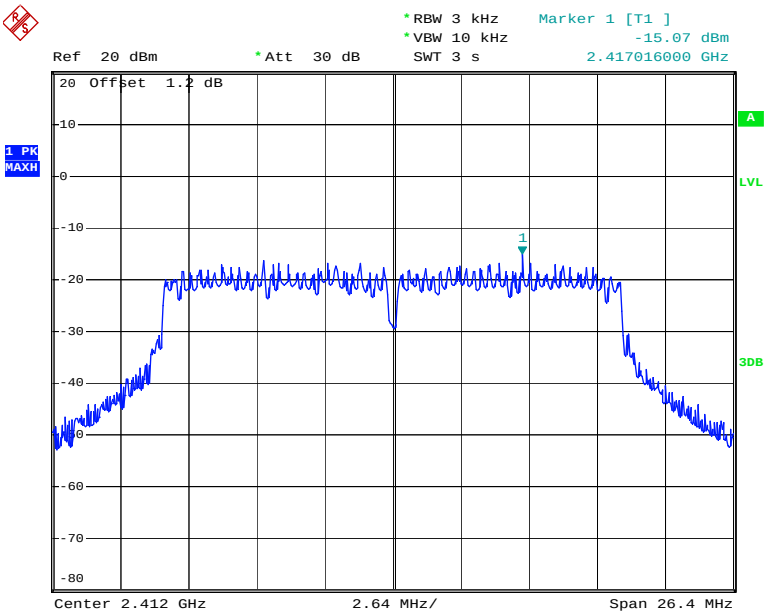
Power Spectral Density, High Channel



Date: 2.MAR.2018 19:35:29

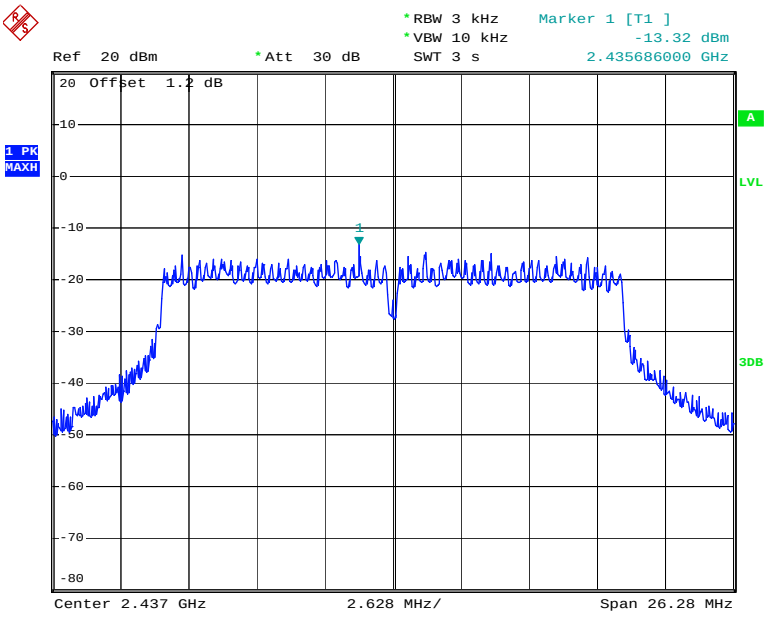
802.11n ht20

Power Spectral Density, Low Channel



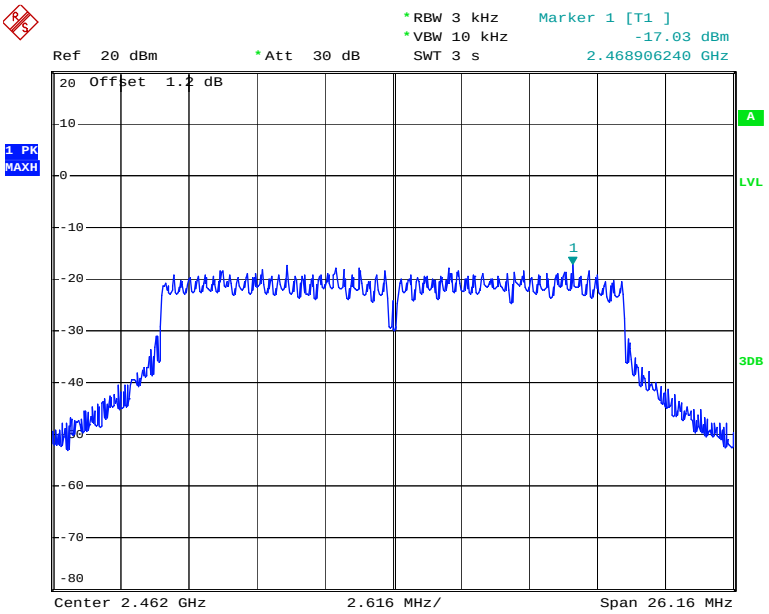
Date: 2.MAR.2018 20:02:06

Power Spectral Density, Middle Channel



Date: 2.MAR.2018 19:56:45

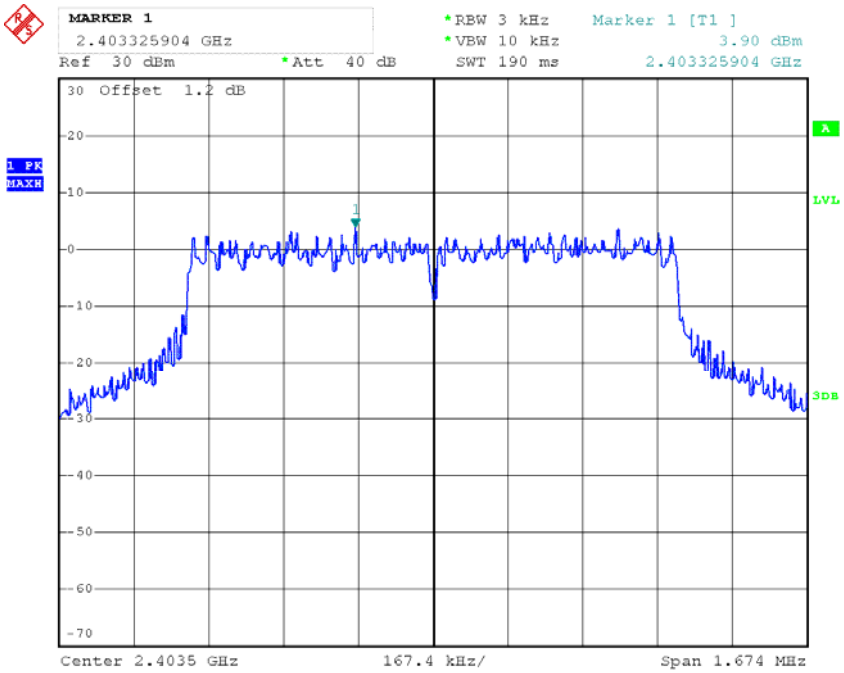
Power Spectral Density, High Channel



Date: 2.MAR.2018 19:52:23

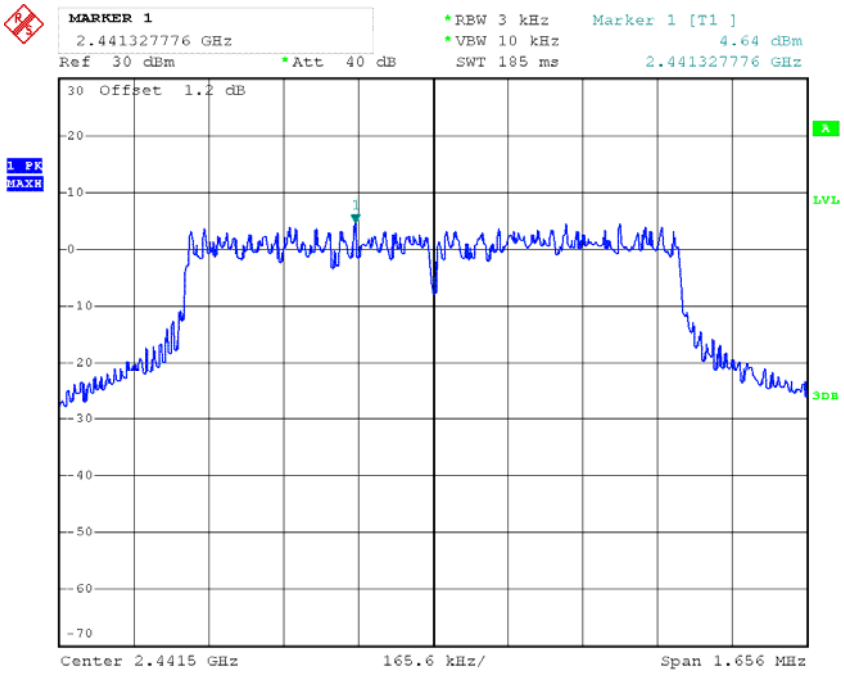
1.4M

Power Spectral Density,, Low Channel



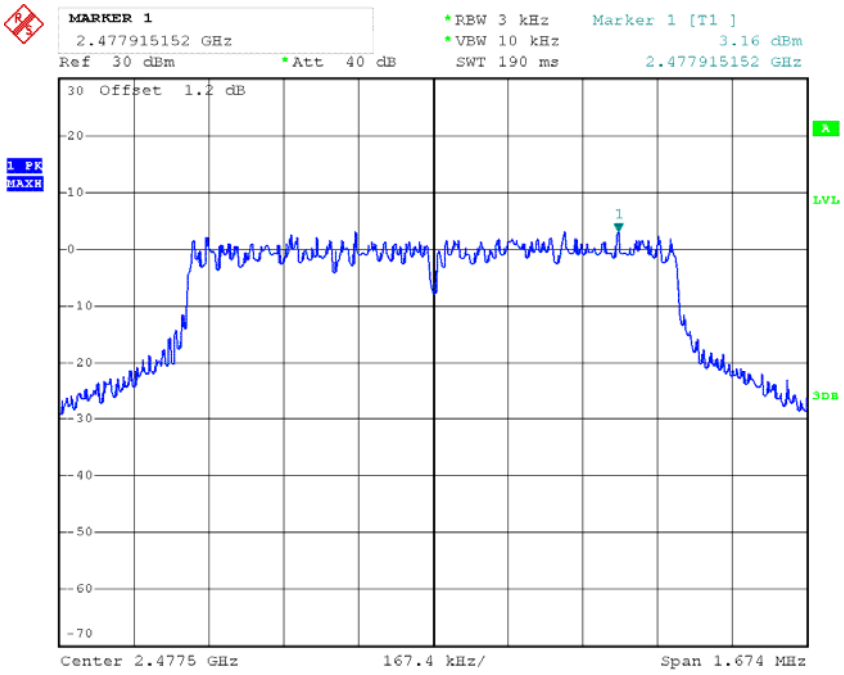
Date: 9.FEB.2018 14:53:46

Power Spectral Density, Middle Channel



Date: 9.FEB.2018 14:55:31

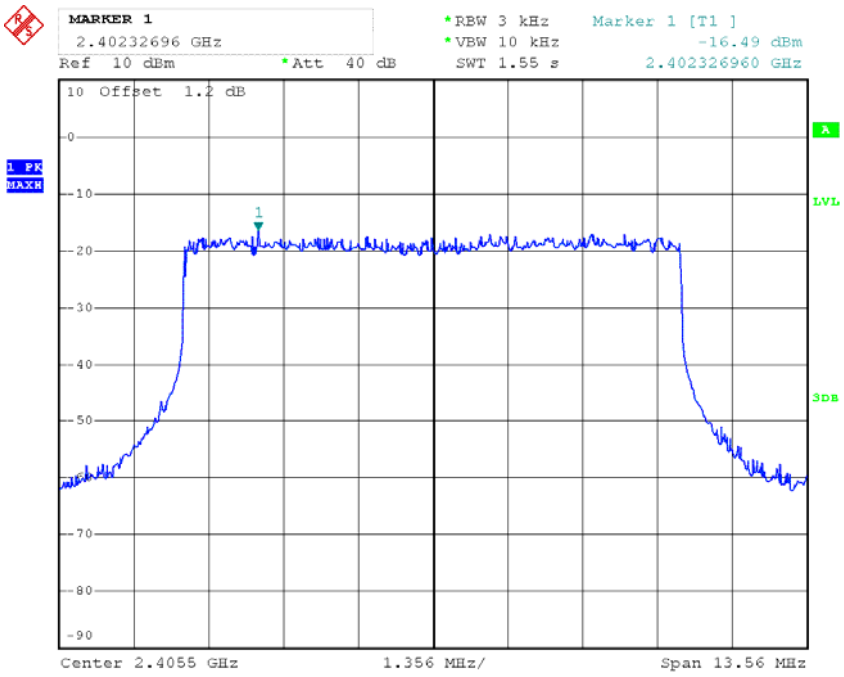
Power Spectral Density, High Channel



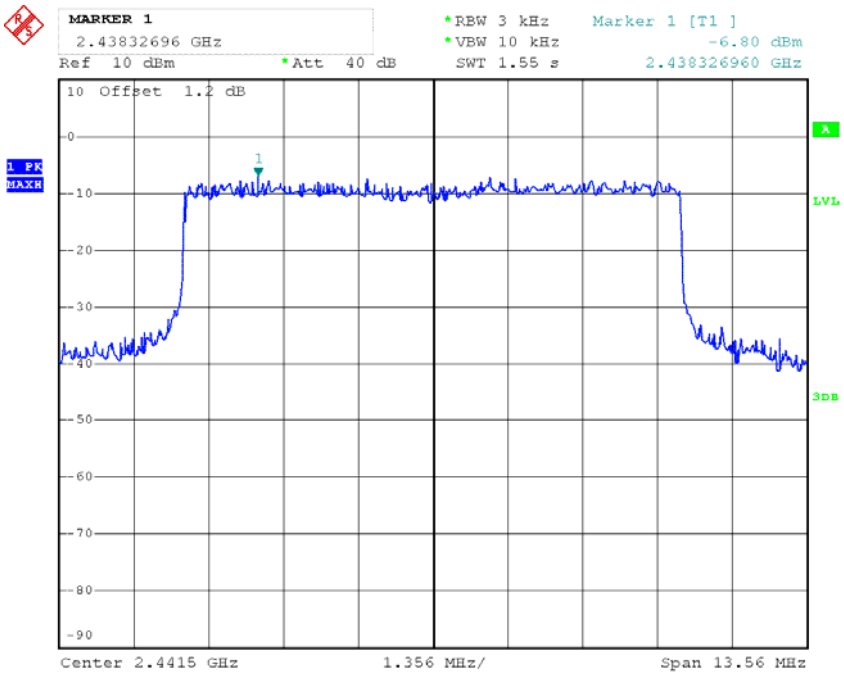
Date: 9.FEB.2018 15:00:11

10M

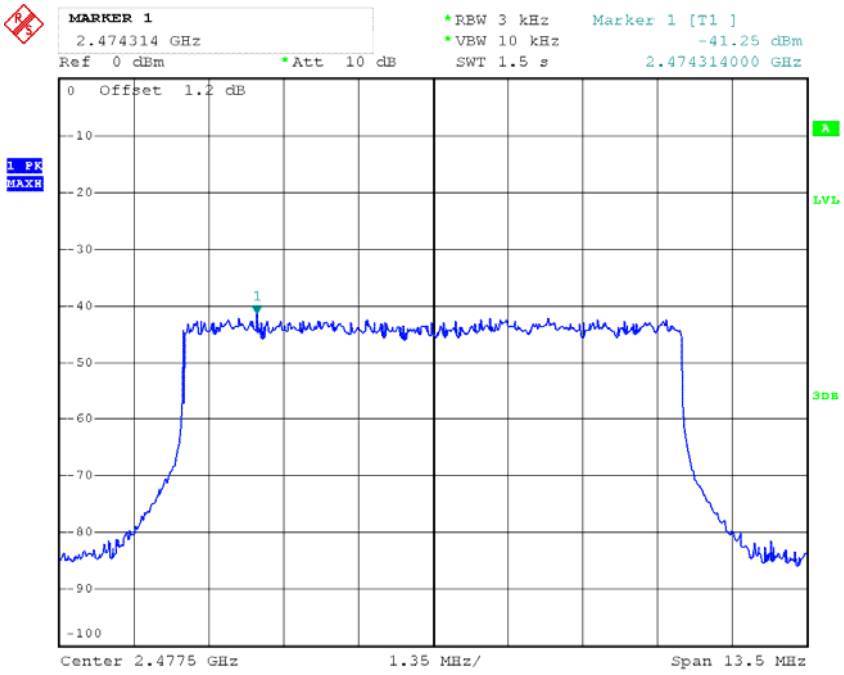
Power Spectral Density, Low Channel



Power Spectral Density, Middle Channel



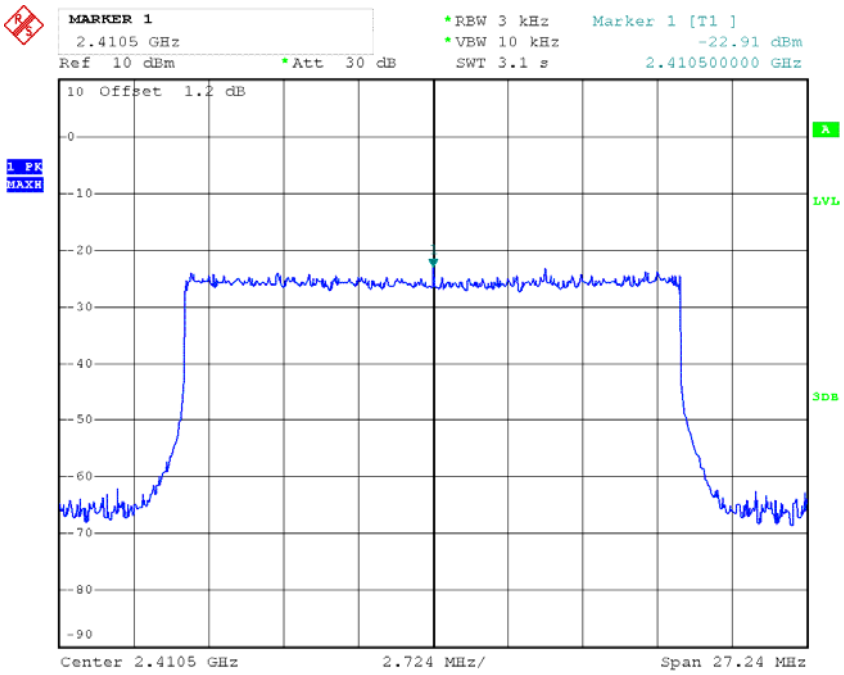
Power Spectral Density, High Channel



Date: 9.FEB.2018 16:56:31

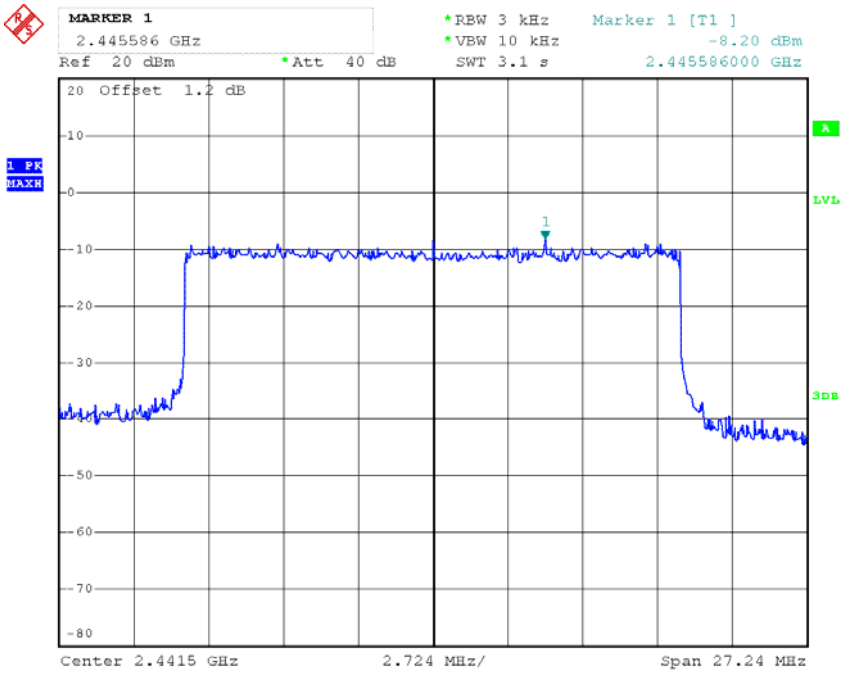
20M

Power Spectral Density, Low Channel



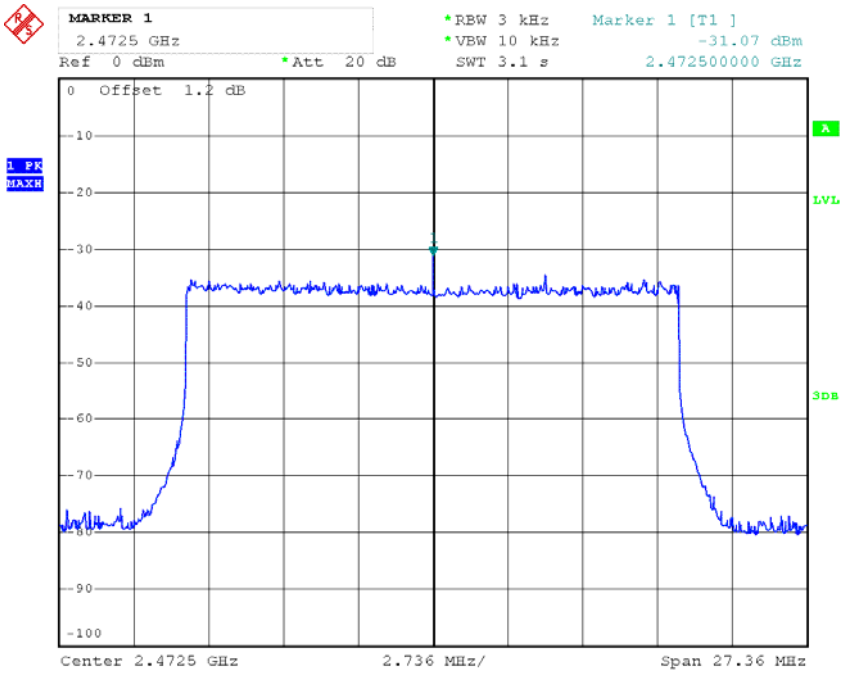
Date: 11.FEB.2018 09:23:31

Power Spectral Density, 20M, Middle Channel



Date: 11.FEB.2018 09:21:25

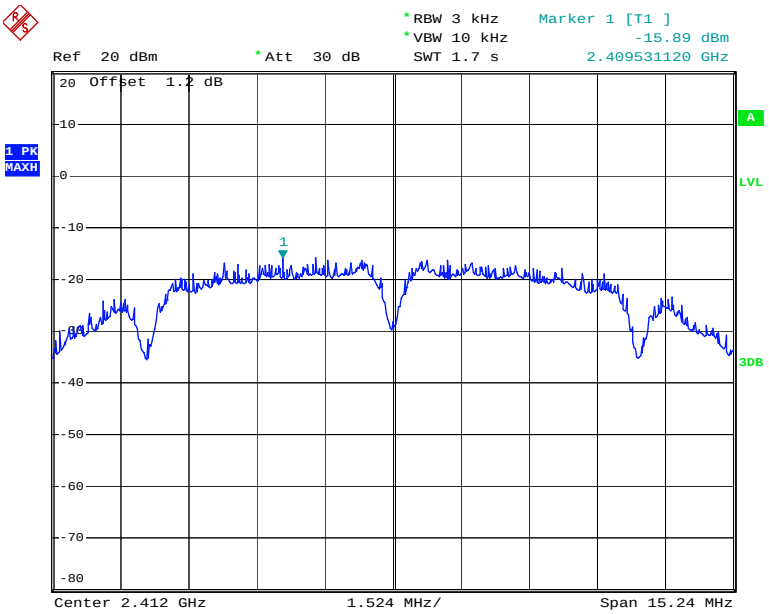
Power Spectral Density, 20M, High Channel



Date: 11.FEB.2018 09:19:06

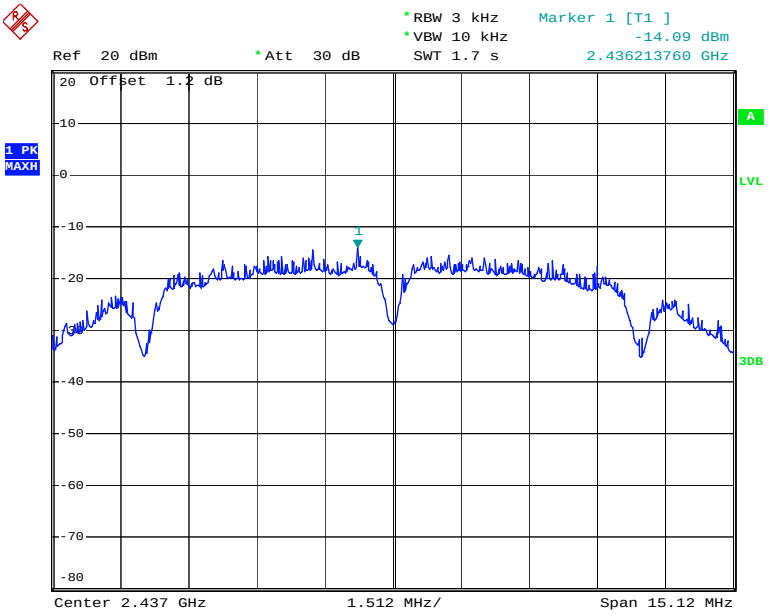
Chain 1:
802.11b Mode:

Power Spectral Density, Low Channel



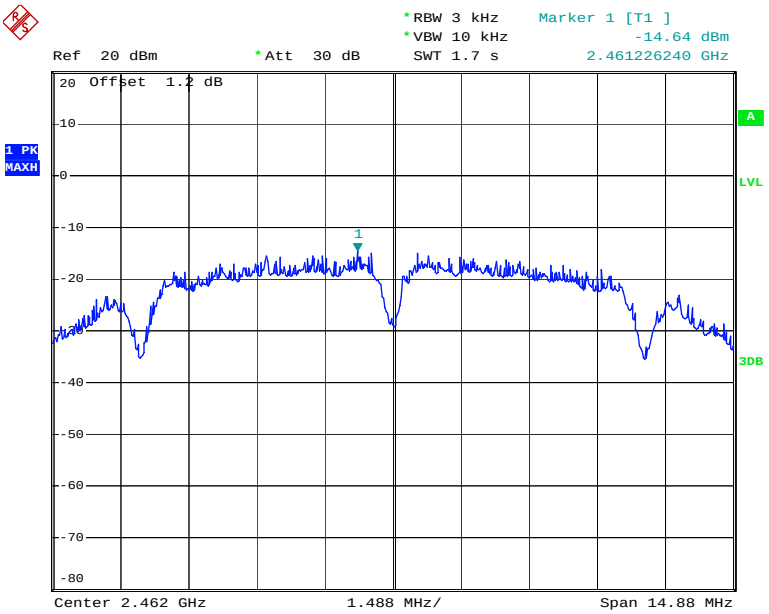
Date: 2.MAR.2018 00:34:03

Power Spectral Density, Middle Channel



Date: 2.MAR.2018 00:37:48

Power Spectral Density, High Channel



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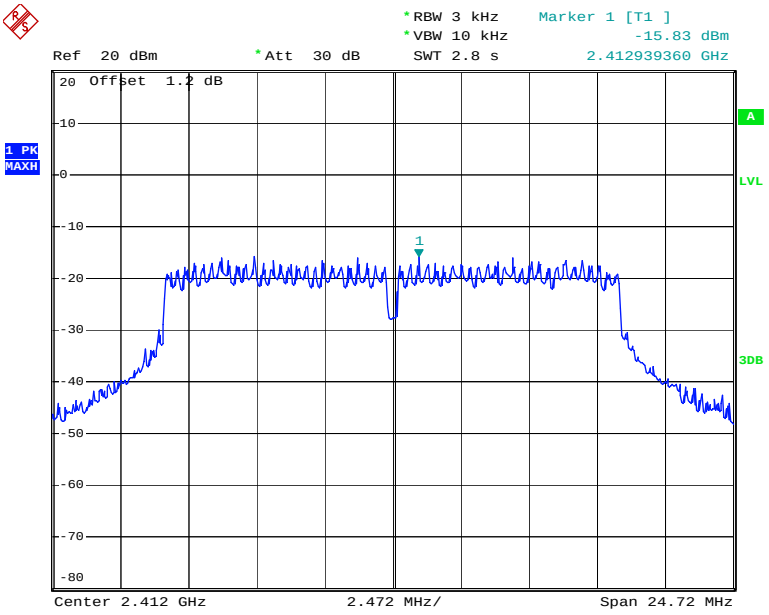
802.11g:

Chain 0, Power Spectral Density, Low Channel



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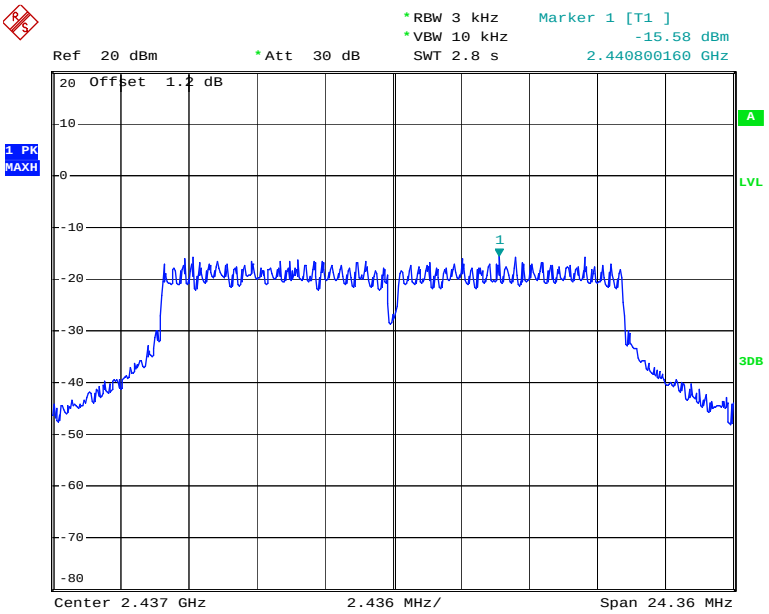
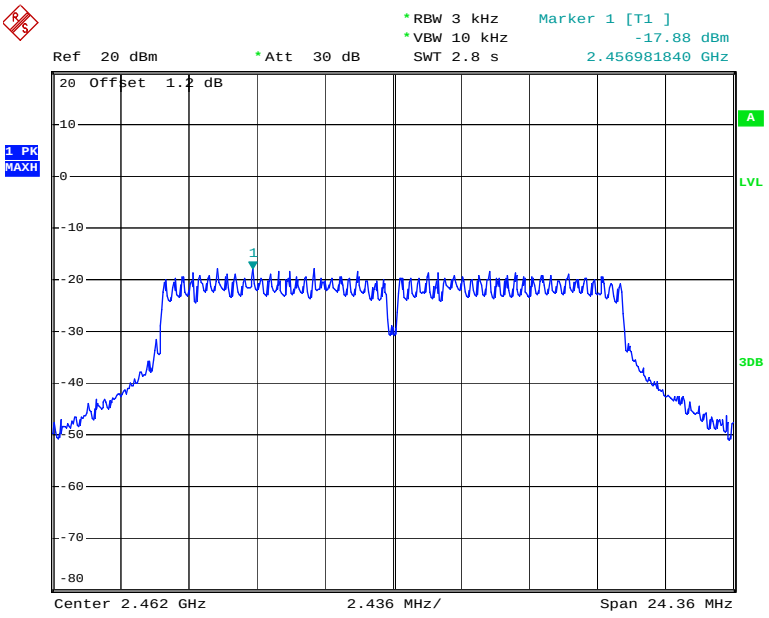
Power Spectral Density, Middle Channel



Date: 2.MAR.2018 00:49:54

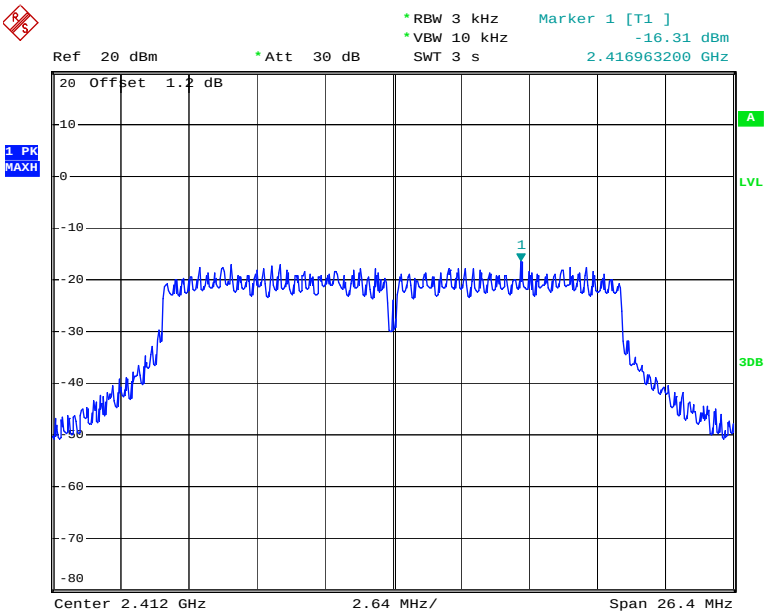
Power Spectral Density, High Channel



Date: 2.MAR.2018 00:53:48

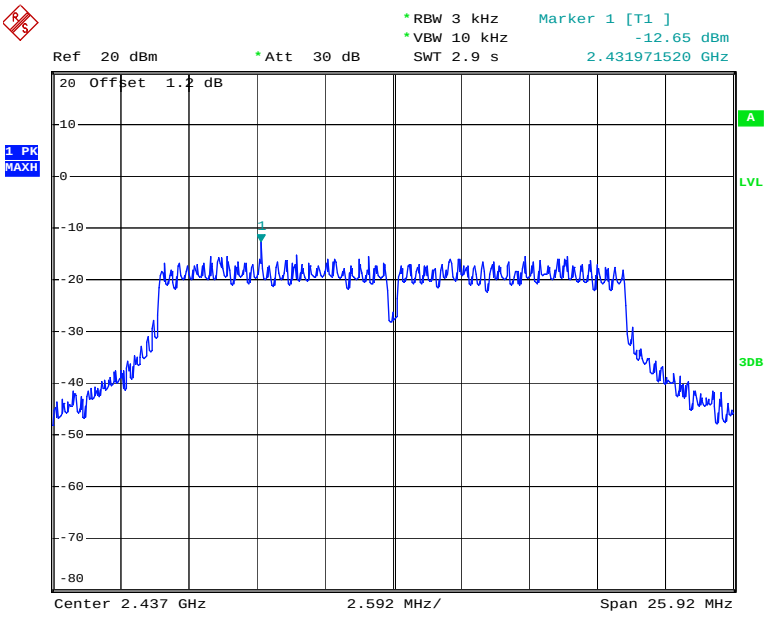
802.11n ht20

Power Spectral Density, Low Channel



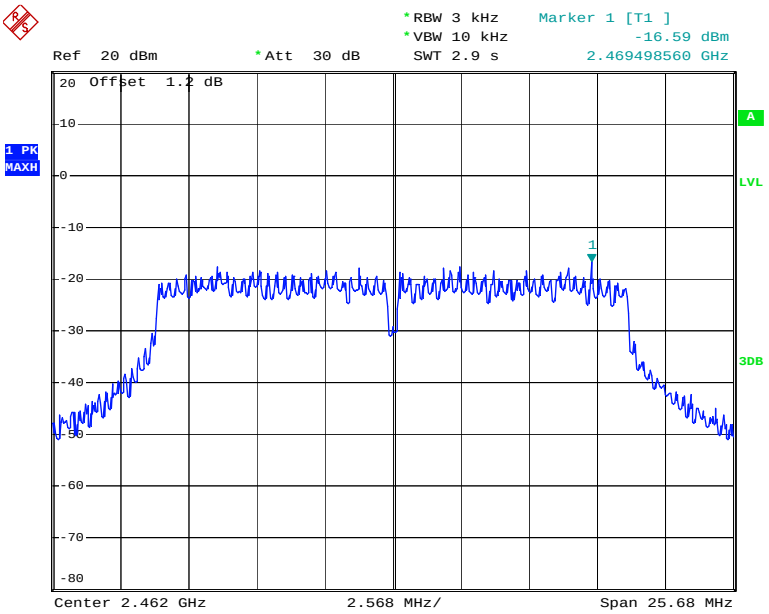
Date: 2.MAR.2018 18:53:13

Power Spectral Density, Middle Channel



Date: 2.MAR.2018 19:17:04

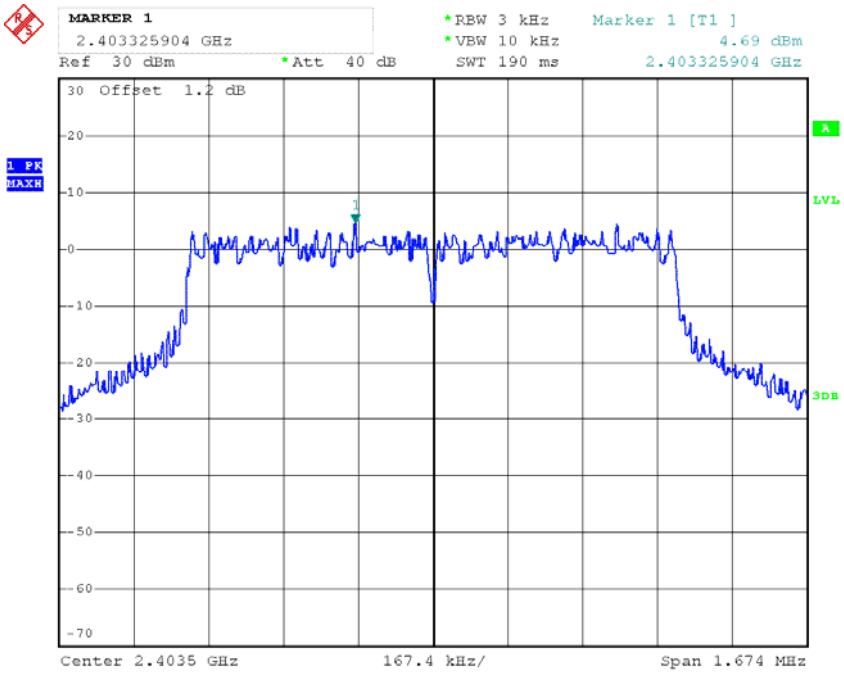
Power Spectral Density, High Channel



Date: 2.MAR.2018 19:22:05

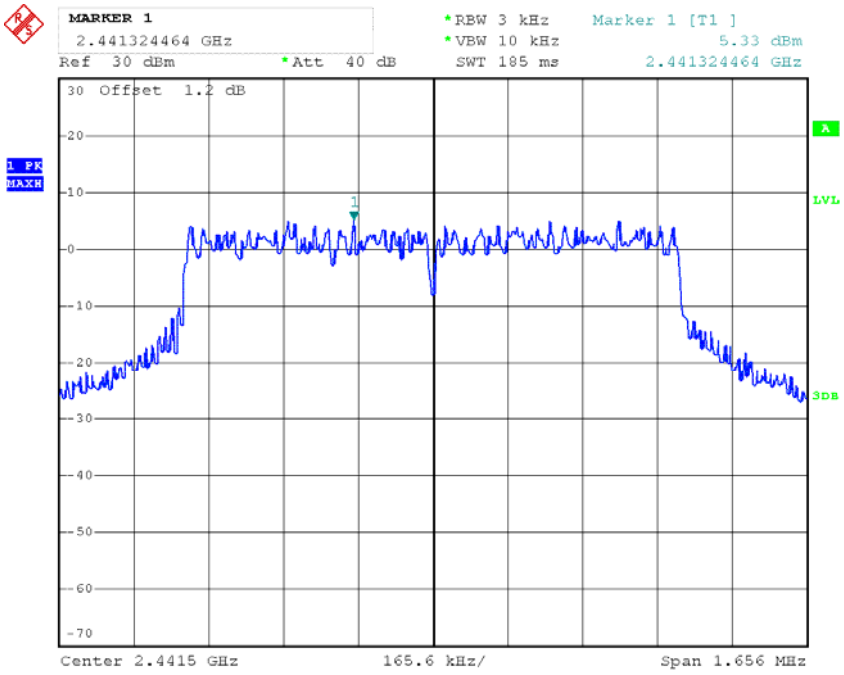
1.4M

Power Spectral Density,, Low Channel



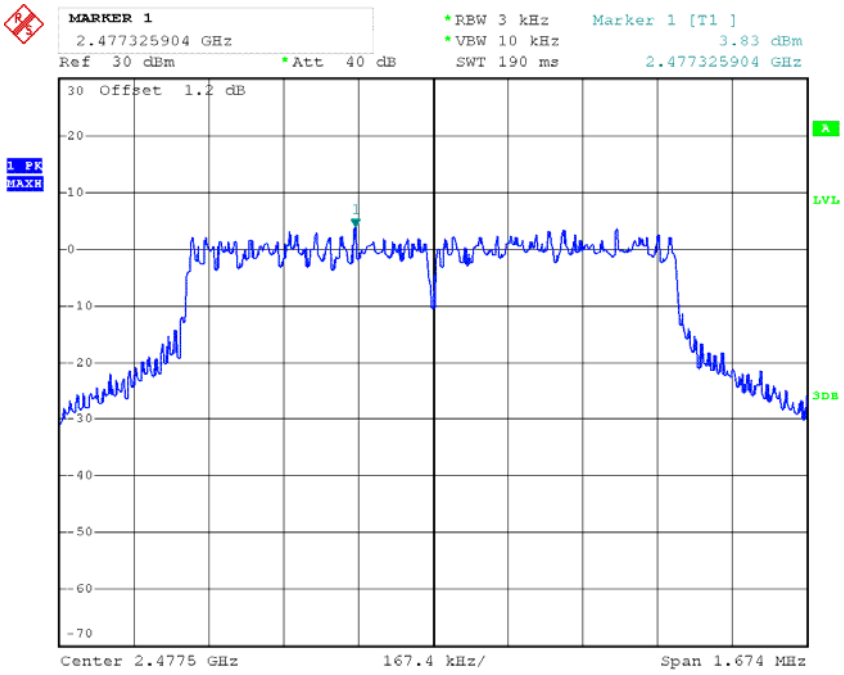
Date: 9.FEB.2018 14:15:00

Power Spectral Density, Middle Channel



Date: 9.FEB.2018 14:16:40

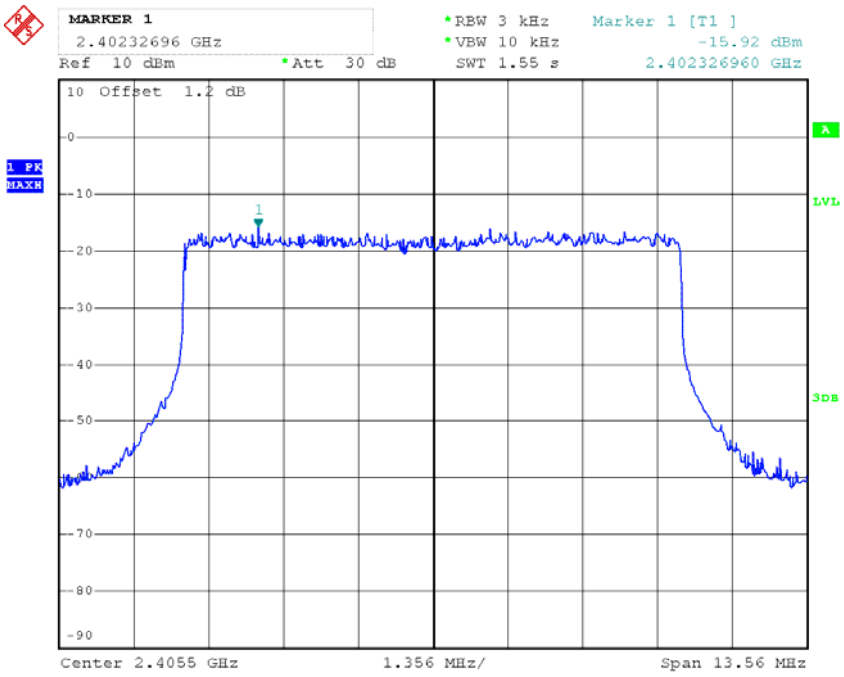
Power Spectral Density, High Channel



Date: 9.FEB.2018 14:18:32

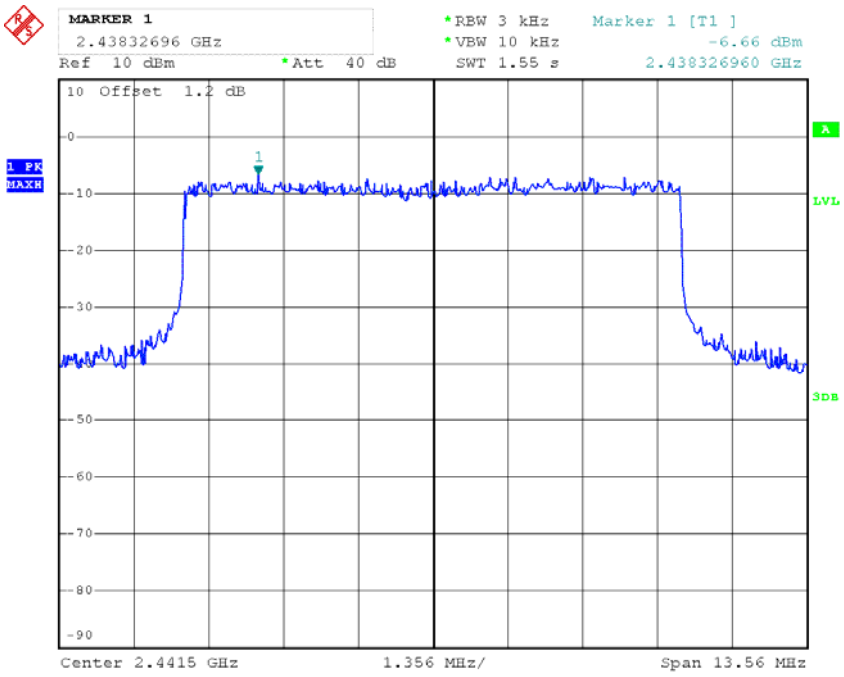
10M

Power Spectral Density, Low Channel



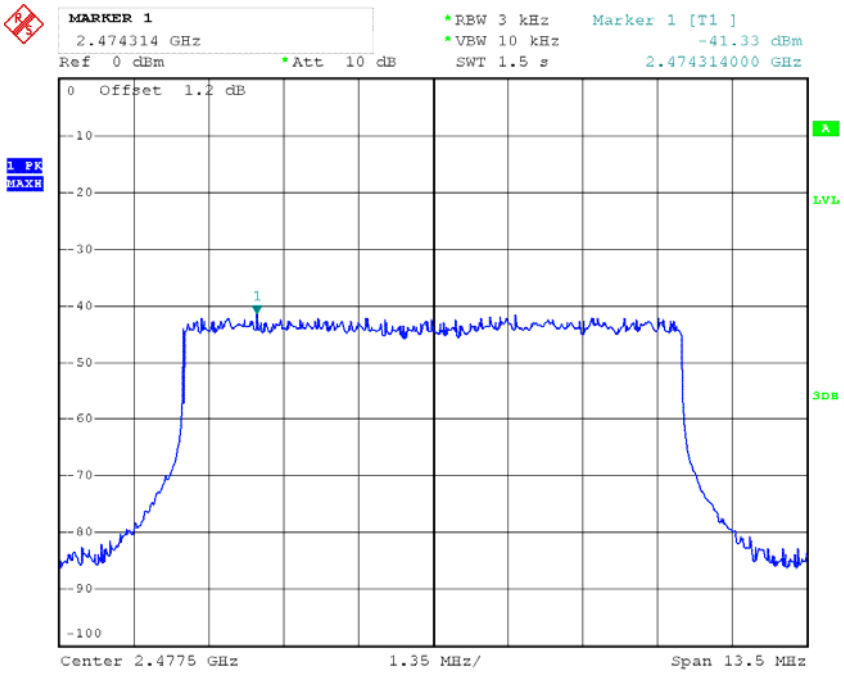
Date: 9.FEB.2018 16:34:42

Power Spectral Density, Middle Channel



Date: 9.FEB.2018 16:36:03

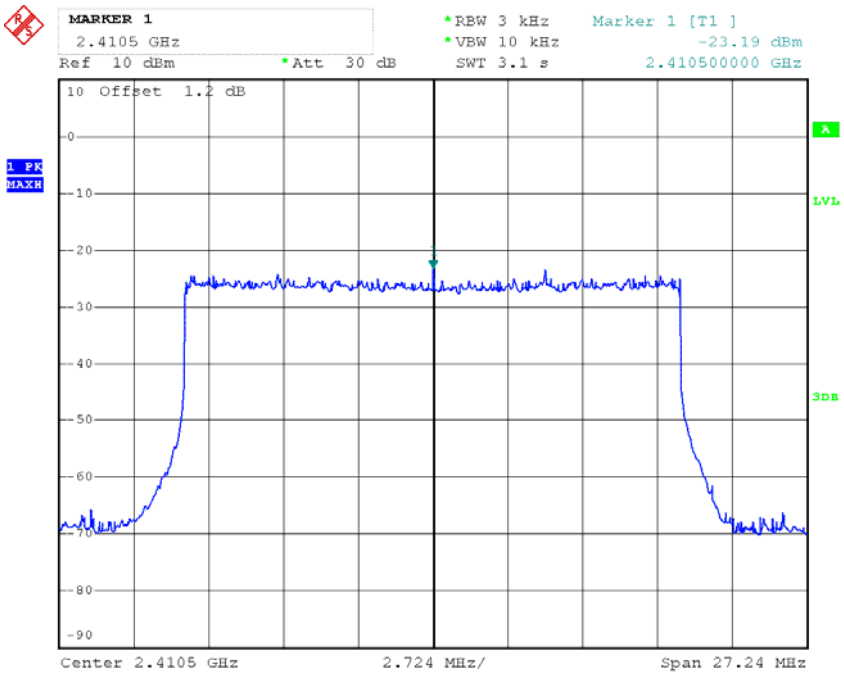
Power Spectral Density, High Channel



Date: 9.FEB.2018 16:37:12

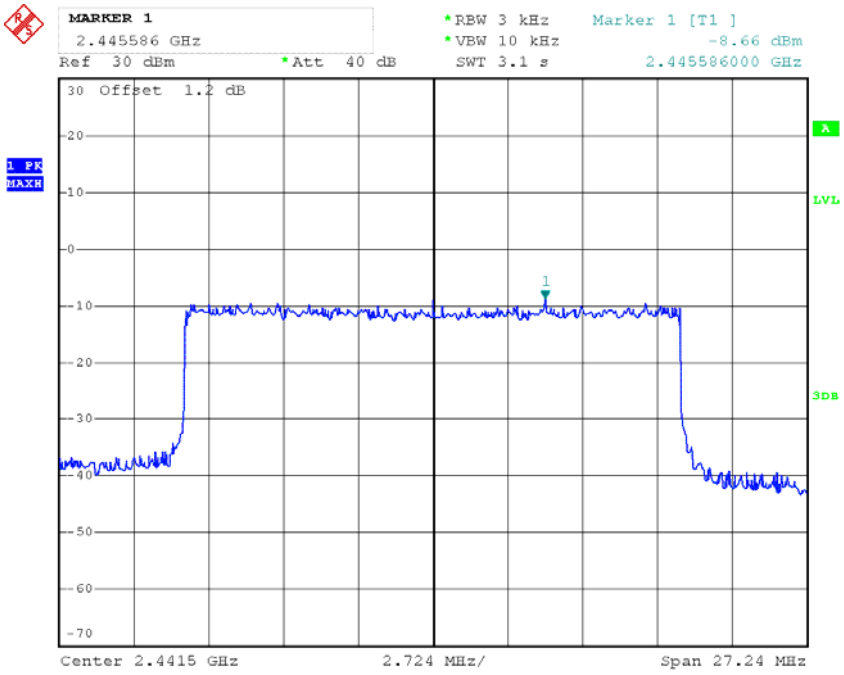
20M

Power Spectral Density, Low Channel



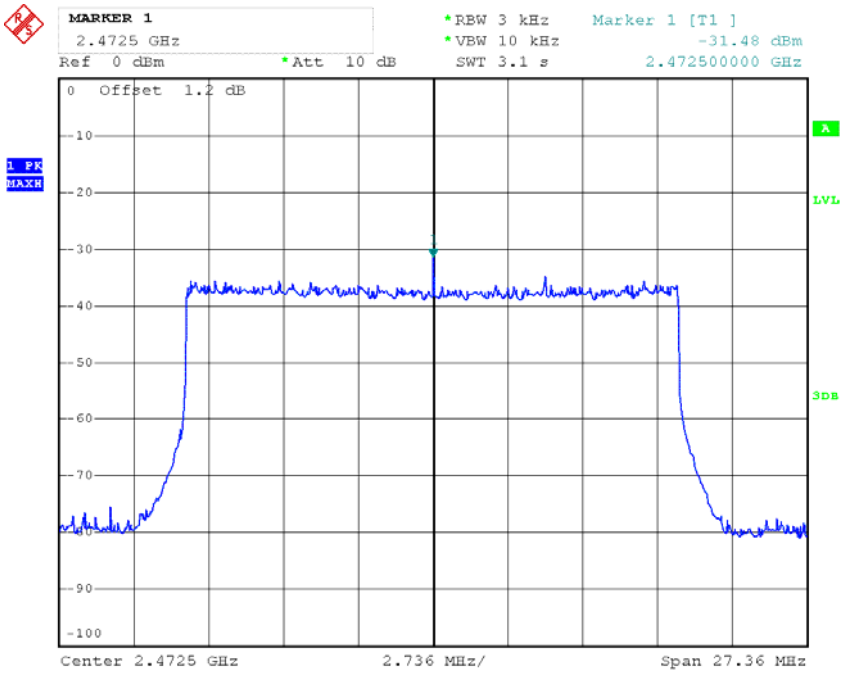
Date: 11.FEB.2018 09:30:27

Power Spectral Density, 20M, Middle Channel



Date: 11.FEB.2018 09:28:56

Power Spectral Density, 20M, High Channel



Date: 11.FEB.2018 09:32:40

******* END OF REPORT *******