

FCC PART 15.247 TEST REPORT

For

GO WORLDWIDE International - F.Z.E

SM - Office - B1-316C, Ajman, UAE.

FCC ID: 2ALSGWEMISTICO4G

Report Type: Product Name: MISTICO 4G LTE Smartphone Original Report Lorin Dian **Test Engineer:** Lorin Bian Report Number: RDG170411803B **Report Date: 2017-05-15 Henry Ding EMC Leader** Reviewed By: **Test Laboratory:** Bay Area Compliance Laboratories Corp. (Chengdu) No.5040, Huilongwan Plaza, No.1, Shawan Road, Jinniu District, Chengdu, Sichuan, China Tel: 028-65523123, Fax: 028-65525125 www.baclcorp.com

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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

The *GO WORLDWIDE International - F.Z.E*'s product, model number: *MISTICO 4G LTE (FCC ID: 2ALSGWEMISTICO4G)* (the "EUT") in this report was a *MISTICO 4G LTE Smartphone*, which was measured approximately: 154.7 mm (L) ×76.9 mm (W) × 8.1 mm (H), rated input voltage: DC3.7V battery or DC5V Charging from adapter.

*All measurement and test data in this report was gathered from final production sample, serial number: 170411803 (assigned by the BACL, Chengdu). It may have deviation from any other sample. The EUT supplied by the applicant was received on 2017-04-11, and EUT conformed to test requirement.

Objective

This report is prepared on behalf of *GO WORLDWIDE International - F.Z.E* in accordance with Part 2, Subpart J, Part 15, Subparts A, and C of the Federal Communications Commission's rules

The tests were performed in order to determine the Bluetooth BDR and EDR mode of EUT compliance with FCC Rules Part 15, Subpart C, and section 15.203, 15.205, 15.207, 15.209 and 15.247 rules.

Related Submittal(s)/Grant(s)

FCC Part 15B JBP submissions with FCC ID: 2ALSGWEMISTICO4G.

FCC Part 22H, 24E, 27 PCE submissions with FCC ID: 2ALSGWEMISTICO4G.

FCC Part 15C DTS submissions with FCC ID: 2ALSGWEMISTICO4G.

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".

All of the measurements detailed in this Test Report were performed by Bay Area Compliance Laboratories Corp. (Chengdu).

The Bay Area Compliance Laboratories Corp. Chengdu's measurement Uncertainties (calculated for a k=2 Coverage Factor corresponding to approximately 95% Coverage) were as follows:

- -For all of the AC Line Conducted Emissions Tests reported herein: ±3.17 dB.
- -For of all of the Direct Antenna Conducted Emissions Tests reported herein: ±0.56 dB.

-For of all of the direct Radiated Emissions Tests reported herein are:

30 MHz to 200 MHz: ±4.7 dB; 200 MHz to 1 GHz: ±6.0 dB; 1 GHz to 6 GHz: ±5.13dB; and, 6 GHz to 40 GHz: ±5.47dB.

And the uncertainty will not be taken into consideration for all test data recorded in the report.

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Bay Area Compliance Laboratories Corp. (Chengdu)

Test Facility

The test site used by BACL to collect test data is located in the No.5040, Huilongwan Plaza, No.1, Shawan Road, Jinniu District, Chengdu, Sichuan, China.

Test site at BACL has been fully described in reports submitted to the Federal Communication Commission (FCC). The details of these reports have been found to be in compliance with the requirements of Section 2.948 of the FCC Rules on April 24, 2015. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2014.

The Federal Communications Commission has the reports on file and is listed under FCC Registration No.: 560332. The test site has been approved by the FCC for public use and is listed in the FCC Public Access Link (PAL) database.

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SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in engineering mode.

EUT Exercise Software

The engineering mode configured the maximum power as default setting.

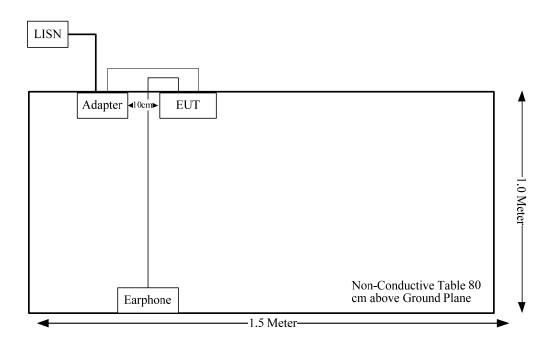
Equipment Modifications

No modification was made to the EUT.

External Cable

Cable Description	Shielding Type	Ferrite Core	Length (m)	From Port	То
USB Cable	Yes	No	0.9	Adapter	EUT
Headset Cable	No	No	0.9	EUT	headset

Block Diagram of Test Setup



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SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
FCC §15.247 (i) & §1.1310 & §2.1093	RF Exposure	Compliance
§15.203	Antenna Requirement	Compliance
§15.207 (a)	Conducted Emissions	Compliance
§15.205, §15.209, §15.247(d)	Spurious Emissions	Compliance
§15.247 (a)(1)	20 dB Bandwidth	Compliance
§15.247(a)(1)	Channel Separation Test	Compliance
§15.247(a)(1)(iii)	Time of Occupancy (Dwell Time)	Compliance
§15.247(a)(1)(iii)	Quantity of hopping channel Test	Compliance
§15.247(b)(1)	Peak Output Power Measurement	Compliance
§15.247(d)	Band Edges	Compliance

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FCC §15.247 (i) & §1.1310 & §2.1093- RF EXPOSURE

Applicable Standard

According to §15.247(i) and §1.1310, systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

According to KDB447498 D01 General RF Exposure Guidance v06:

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance,

- mm)] $\cdot [\sqrt{f(GHz)}] \le 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where
 - f(GHz) is the RF channel transmit frequency in GHz
 - Power and distance are rounded to the nearest mW and mm before calculation
 - The result is rounded to one decimal place for comparison
 - 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum test separation distance is \leq 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is \leq 5 mm, a distance of 5 mm according to 5) in section 4.1 is applied to determine SAR test exclusion.

Measurement Result

The max tune-up conducted power is 3.5 dBm (2.24 mW). [(max. power of channel, mW)/(min. test separation distance, mm)][$\sqrt{f(GHz)}$] = 2.24/5*($\sqrt{2.48}$) = 0.7 < 3.0

So the stand-alone SAR evaluation is not necessary.

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FCC §15.203 - ANTENNA REQUIREMENT

Applicable Standard

According to FCC § 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 use of a standard antenna jack or electrical connector is prohibited.

Antenna Connector Construction

The EUT has one internal antenna arrangement for Wifi/BT, and the antenna gain is 1.0 dBi, fulfill the requirement of this section. Please refer to the EUT photos.

Result: Compliance.

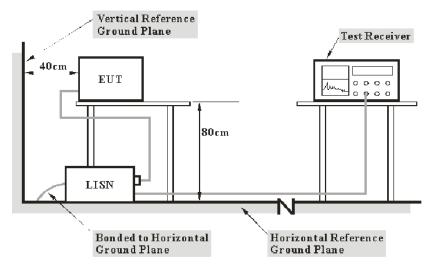
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FCC §15.207 (a) - AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC§15.207

EUT Setup



Note: 1. Support units were connected to second LISN.

2. Both of LISNs (AMN) 80 cm from FULL and at the

Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The setup of EUT is according with per ANSI C63.10-2013 measurement procedure. The specification used was with the FCC Part 15.207 limits.

The spacing between the peripherals was 10 cm.

The adapter was connected to LISN with a 120 V/60 Hz AC power.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W	
150 kHz – 30 MHz	9 kHz	

Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the first LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All data was recorded in the Quasi-peak and average detection mode.

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Corrected Amplitude & Margin Calculation

The basic equation is as follows:

$$V_C = V_R + A_C + VDF$$

Herein,

V_C: corrected voltage amplitude V_R: reading voltage amplitude

A_c: attenuation caused by cable loss

VDF: voltage division factor of AMN or ISN

The "**Margin**" column of the following data tables indicates the degree of compliance within the applicable limit. For example, a margin of 7dB means the emission is 7dB below the maximum 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
Rohde & Schwarz	EMI Test Receiver	ESCS 30	836858/0016	2016-12-02	2017-12-01
Rohde & Schwarz	L.I.S.N.	ENV216	100018	2016-12-02	2017-12-01
Rohde & Schwarz	PULSE LIMITER	ESH3Z2	DE14781	2016-10-31	2017-10-30
SOLAR ELECTRONICS	L.I.S.N.	9252-50- 24-BNC	984413	2016-12-02	2017-12-01
Unknown	Conducted Cable	Unknown	NO.5	2016-11-10	2017-11-09
R&S	Test Software	EMC32	Version8.53.0	N/A	N/A

^{*} Statement of Traceability: BACL(Chengdu) attests that all of the calibrations on the equipment items listed above were traceable to NIM or to another internationally recognized National Metrology Institute (NMI), and were compliant with the NIST HB 150-2016 Normative Annex B "Implementation of traceability policy in accredited laboratories".

Test Data

Environmental Conditions

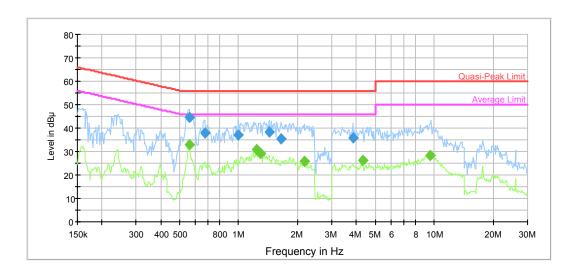
Temperature:	24 °C
Relative Humidity:	48 %
ATM Pressure:	100.1 kPa

The testing was performed by Lorin Bian on 2017-05-06.

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Test Mode: Transmitting

AC120 V, 60 Hz, Line:

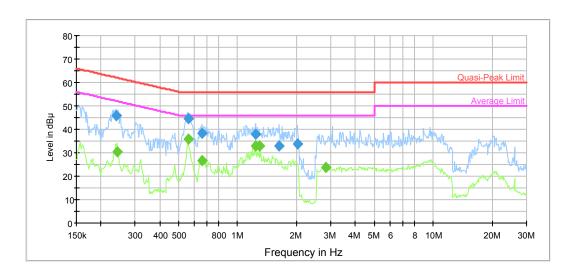


Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.558572	44.5	9.000	L1	19.7	11.5	56.0	Compliance
0.670921	38.1	9.000	L1	19.7	17.9	56.0	Compliance
0.999305	37.2	9.000	L1	19.7	18.8	56.0	Compliance
1.430284	38.5	9.000	L1	19.7	17.5	56.0	Compliance
1.650866	35.3	9.000	L1	19.7	20.7	56.0	Compliance
3.841741	35.8	9.000	L1	19.7	20.2	56.0	Compliance

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.558572	33.0	9.000	L1	19.7	13.0	46.0	Compliance
1.239175	30.7	9.000	L1	19.7	15.3	46.0	Compliance
1.289541	29.1	9.000	L1	19.7	16.9	46.0	Compliance
2.164561	25.6	9.000	L1	19.8	20.4	46.0	Compliance
4.295123	26.1	9.000	L1	19.7	19.9	46.0	Compliance
9.528593	28.2	9.000	L1	19.9	21.8	50.0	Compliance

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AC120 V, 60 Hz, Neutral:



Frequency (MHz)	QuasiPeak (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.240029	46.0	9.000	N	19.6	16.1	62.1	Compliance
0.558572	44.5	9.000	N	19.6	11.5	56.0	Compliance
0.655073	38.3	9.000	N	19.6	17.7	56.0	Compliance
1.239175	37.9	9.000	N	19.6	18.1	56.0	Compliance
1.637763	32.9	9.000	N	19.7	23.1	56.0	Compliance
2.014768	33.6	9.000	N	19.7	22.4	56.0	Compliance

Frequency (MHz)	Average (dBµV)	Bandwidth (kHz)	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)	Comment
0.241949	30.3	9.000	N	19.6	21.7	52.0	Compliance
0.558572	35.8	9.000	N	19.6	10.2	46.0	Compliance
0.655073	26.5	9.000	N	19.6	19.5	46.0	Compliance
1.239175	32.9	9.000	N	19.6	13.1	46.0	Compliance
1.289541	32.9	9.000	N	19.6	13.1	46.0	Compliance
2.815577	23.8	9.000	N	19.7	22.2	46.0	Compliance

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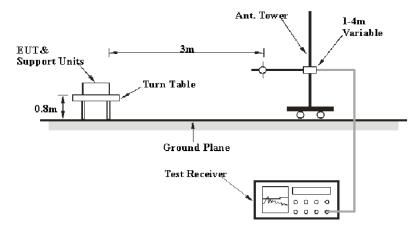
FCC §15.209, §15.205 & §15.247(d) - SPURIOUS EMISSIONS

Applicable Standard

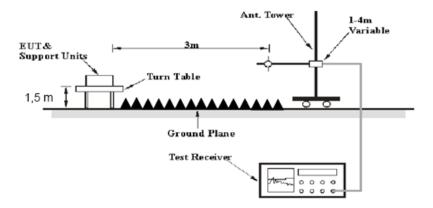
FCC §15.247 (d); §15.209; §15.205;

EUT Setup

Below 1GHz:



Above 1GHz:



The radiated emission tests were performed in the 3 meters test site, using the setup accordance with the ANSI C63.10-2013. The specification used was the FCC 15.209, and FCC 15.247 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.

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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:

Frequency Range	RBW	Video B/W	IF B/W	Detector
30 MHz – 1000 MHz	120 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1MHz	3 MHz	/	PK
Above 1 GHZ	1MHz	10 Hz	/	AV

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.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Agilent	Amplifier	8447D	2944A10442	2016-12-02	2017-12-01
Rohde & Schwarz	EMI Test Receiver	ESCI	100028	2016-12-02	2017-12-01
Sunol Sciences	Broadband Antenna	JB3	A121808	2016-04-10	2019-04-09
Rohde & Schwarz	Spectrum Analyzer	FSEM30	100018	2016-12-02	2017-12-01
ETS	Horn Antenna	3115	003-6076	2016-12-02	2017-12-01
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-0113024	2014-06-16	2017-06-15
Mini-circuits	Amplifier	ZVA-183-S+	771001215	2016-05-20	2017-05-19
EMCT	Semi-Anechoic Chamber	966	966-1	2015-04-24	2018-04-23
Unknown	RF Cable (below 1GHz)	Unknown	NO.1	2016-11-10	2017-11-09
Unknown	RF Cable (below 1GHz)	Unknown	NO.4	2016-11-10	2017-11-09
Unknown	RF Cable (above 1GHz)	Unknown	NO.2	2016-11-10	2017-11-09
Ducommun Technolagies	Horn Antenna	ARH-2823-02	1007726-01 1312	2016-08-18	2017-08-18
Quinstar	Amplifier	QLW- 18405536-JO	15964001032	2016-08-18	2017-08-18
Agilent	Spectrum Analyzer	8564E	5943A01752	2016-08-18	2017-08-18

^{*} Statement of Traceability: BACL(Chengdu) attests that all of the calibrations on the equipment items listed above were traceable to NIM or to another internationally recognized National Metrology Institute (NMI), and were compliant with the NIST HB 150-2016 Normative Annex B "Implementation of traceability policy in accredited laboratories".

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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 Data

Environmental Conditions

Temperature:	25.7°C
Relative Humidity:	48.3 %
ATM Pressure:	100.4 kPa

^{*} The testing was performed by Lorin Bian on 2017-04-29.

Test Mode: Transmitting

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30 MHz-25GHz:

BDR Mode (GFSK):

BDR Mode		eiver	Rx A	ntenna	Cable	Amplifier	Corrected	FCC 1	5.247
Frequency (MHz)	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)	loss (dB)	Gain (dB)	Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
				Low Chan	nel: 2402	MHz			, ,
2402	67.05	PK	Н	23.53	3.00	0.00	93.58	N/A	N/A
2402	59.99	AV	Н	23.53	3.00	0.00	86.52	N/A	N/A
2402	60.85	PK	V	23.53	3.00	0.00	87.38	N/A	N/A
2402	63.14	AV	V	23.53	3.00	0.00	89.67	N/A	N/A
2390	28.16	PK	Н	23.57	3.00	0.00	54.73	74	19.27
2390	14.49	AV	Н	23.57	3.00	0.00	41.06	54	12.94
4804	35.41	PK	Н	30.77	5.12	26.87	44.43	74	29.57
4804	22.12	AV	Н	30.77	5.12	26.87	31.14	54	22.86
7206	34.49	PK	Н	34.71	6.16	26.35	49.01	74	24.99
7206	21.97	AV	Н	34.71	6.16	26.35	36.49	54	17.51
2850	37.16	PK	Н	23.90	3.30	26.55	37.81	74	36.19
2850	24.67	AV	Н	23.90	3.30	26.55	25.32	54	28.68
68.8	52.88	PK	Н	7.70	0.54	28.41	32.71	40	7.29
201.7	40.71	AV	Н	13.13	0.93	27.76	27.01	43.5	16.49
		_		liddle Cha					
2441	67.61	PK	Н	23.40	3.00	0.00	94.01	N/A	N/A
2441	60.72	AV	Н	23.40	3.00	0.00	87.12	N/A	N/A
2441	65.55	PK	V	23.40	3.00	0.00	91.95	N/A	N/A
2441	55.64	AV	V	23.40	3.00	0.00	82.04	N/A	N/A
4882	36.24	PK	Н	31.02	5.09	26.87	45.48	74	28.52
4882	22.55	AV	Н	31.02	5.09	26.87	31.79	54	22.21
7323	34.12	PK	Н	34.95	6.22	26.40	48.89	74	25.11
7323	21.68	AV	Н	34.95	6.22	26.40	36.45	54	17.55
2919	38.21	PK	Н	24.04	3.36	26.49	39.12	74	34.88
2919	24.95	AV	Н	24.04	3.36	26.49	25.86	54	28.14
3470	36.94	PK	Н	26.83	4.14	26.58	41.33	74	32.67
3470	24.80	AV	Н	26.83	4.14	26.58	29.19	54	24.81
30.97	39.11	PK	Н	22.09	0.32	28.57	32.95	40	7.05
64.92	50.17	AV	Н	7.62	0.47	28.40	29.86	40	10.14
				ligh Chan					
2480	67.40	PK	Н	23.27	2.99	0.00	93.66	N/A	N/A
2480	59.93	AV	Н	23.27	2.99	0.00	86.19	N/A	N/A
2480	65.98	PK	V	23.27	2.99	0.00	92.24	N/A	N/A
2480	57.52	AV	V	23.27	2.99	0.00	83.78	N/A	N/A
2483.5	34.38	PK	Н	23.26	2.99	0.00	60.63	74	13.37
2483.5	15.39	AV	Н	23.26	2.99	0.00	41.64	54	12.36
4960	35.95	PK	Н	31.27	5.05	26.88	45.39	74	28.61
4960	22.61	AV	Н	31.27	5.05	26.88	32.05	54	21.95
7440	34.79	PK	H	35.18	6.27	26.45	49.79	74	24.21
7440	22.17	AV	Н	35.18	6.27	26.45	37.17	54	16.83
3047	39.17	PK	Н	24.46	3.50	26.43	40.7	74	33.3
3047	26.71	AV	Н	24.46	3.50	26.43	28.24	54	25.76
99.84	51.42	PK	Н	10.71	0.51	28.31	34.33	43.5	9.17
79.47	50.22	AV	Н	8.05	0.45	28.40	30.32	40	9.68

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EDR Mode ($\pi/4$ -DQPSK):

	Rec	eiver	Rx A	ntenna	Cable	Amplifier	Corrected	FCC 1	5.247
Frequency (MHz)	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)	loss (dB)	Gain (dB)	Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
Low Channel: 2402 MHz									
2402	65.30	PK	Н	23.53	3.00	0.00	91.83	N/A	N/A
2402	59.29	AV	Н	23.53	3.00	0.00	85.82	N/A	N/A
2402	63.04	PK	V	23.53	3.00	0.00	89.57	N/A	N/A
2402	55.54	AV	V	23.53	3.00	0.00	82.07	N/A	N/A
2390	28.28	PK	Н	23.57	3.00	0.00	54.85	74	19.15
2390	14.18	AV	Н	23.57	3.00	0.00	40.75	54	13.25
4804	35.55	PK	Н	30.77	5.12	26.87	44.57	74	29.43
4804	21.97	AV	Н	30.77	5.12	26.87	30.99	54	23.01
7206	33.71	PK	Н	34.71	6.16	26.35	48.23	74	25.77
7206	21.78	AV	Н	34.71	6.16	26.35	36.3	54	17.7
3354	39.29	PK	Н	26.18	3.96	26.54	42.89	74	31.11
3354	26.48	AV	Н	26.18	3.96	26.54	30.08	54	23.92
69.84	52.13	PK	Н	7.70	0.57	28.42	31.98	40	8.02
98.65	51.30	AV	Н	10.38	0.47	28.31	33.84	43.5	9.66
			M	liddle Cha	nnel: 244	·1 MHz			
2441	65.83	PK	Н	23.40	3.00	0.00	92.23	N/A	N/A
2441	59.25	AV	Н	23.40	3.00	0.00	85.65	N/A	N/A
2441	63.30	PK	V	23.40	3.00	0.00	89.7	N/A	N/A
2441	55.71	AV	V	23.40	3.00	0.00	82.11	N/A	N/A
4882	36.03	PK	Н	31.02	5.09	26.87	45.27	74	28.73
4882	21.89	AV	Ι	31.02	5.09	26.87	31.13	54	22.87
7323	33.85	PK	Ι	34.95	6.22	26.40	48.62	74	25.38
7323	22.13	AV	Ι	34.95	6.22	26.40	36.9	54	17.1
3231	40.61	PK	Ι	25.49	3.78	26.49	43.39	74	30.61
3231	28.39	AV	Ι	25.49	3.78	26.49	31.17	54	22.83
2738	37.08	PK	Ι	23.68	3.20	26.66	37.3	74	36.7
2738	23.99	AV	Τ	23.68	3.20	26.66	24.21	54	29.79
159.98	43.22	PK	Ι	12.50	0.98	28.01	28.69	43.5	14.81
201.69	40.71	AV	Н	13.13 High Chan	0.93	27.76	27.01	43.5	16.49
2480	66.04	PK	H	23.27	2.99	0.00	92.3	N/A	N/A
2480	60.15	AV	H	23.27	2.99	0.00	86.41	N/A	N/A
2480	63.58	PK	V	23.27	2.99	0.00	89.84	N/A	N/A
2480	65.32	AV	V	23.27	2.99	0.00	91.58	N/A	N/A
2483.5	32.19	PK	H	23.26	2.99	0.00	58.44	74	15.56
2483.5	15.28	AV	H	23.26	2.99	0.00	41.53	54	12.47
4960	35.88	PK	H	31.27	5.05	26.88	45.32	74	28.68
4960	22.66	AV	H	31.27	5.05	26.88	32.1	54	21.9
7440	34.86	PK	H	35.18	6.27	26.45	49.86	74	24.14
7440	22.67	AV	H	35.18	6.27	26.45	37.67	54	16.33
3158	40.41	PK	H	25.08	3.67	26.47	42.69	74	31.31
3158	27.02	AV	H	25.08	3.67	26.47	29.3	54	24.7
119.24	42.48	PK	H	15.35	0.73	28.15	30.41	43.5	13.09
64.92	50.17	AV	H	7.62	0.47	28.40	29.86	40	10.14

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EDR Mode (8-DPSK):

F	Rece	eiver	Rx A	ntenna	Cable	Amplifier	Corrected	FCC 1	5.247
Frequency (MHz)	Reading (dBµV)	Detector	Polar (H/V)	Factor (dB)	loss (dB)	Gain (dB)	Amplitude (dBµV/m)	Limit (dBµV/m)	Margin (dB)
				Low Chan	nel: 2402	MHz			
2402	65.29	PK	Н	23.53	3.00	0.00	91.82	N/A	N/A
2402	59.55	AV	Н	23.53	3.00	0.00	86.08	N/A	N/A
2402	63.31	PK	V	23.53	3.00	0.00	89.84	N/A	N/A
2402	55.55	AV	V	23.53	3.00	0.00	82.08	N/A	N/A
2390	29.01	PK	Н	23.57	3.00	0.00	55.58	74	18.42
2390	14.15	AV	Н	23.57	3.00	0.00	40.72	54	13.28
4804	35.16	PK	Н	30.77	5.12	26.87	44.18	74	29.82
4804	22.47	AV	Н	30.77	5.12	26.87	31.49	54	22.51
7206	34.85	PK	Н	34.71	6.16	26.35	49.37	74	24.63
7206	21.54	AV	Н	34.71	6.16	26.35	36.06	54	17.94
3486	38.18	PK	Н	26.92	4.16	26.58	42.68	74	31.32
3486	25.32	AV	Н	26.92	4.16	26.58	29.82	54	24.18
67.95	52.34	PK	Н	7.70	0.50	28.40	32.14	40	7.86
99.37	51.39	AV	Н	10.58	0.49	28.31	34.15	43.5	9.35
0.111	0==0	514		liddle Cha			04.00		
2441	65.53	PK	Н	23.40	3.00	0.00	91.93	N/A	N/A
2441	59.71	AV	H	23.40	3.00	0.00	86.11	N/A	N/A
2441	63.38	PK	V	23.40	3.00	0.00	89.78	N/A	N/A
2441	56.05	AV	V	23.40	3.00	0.00	82.45	N/A	N/A
4882 4882	36.09	PK	Н	31.02 31.02	5.09	26.87 26.87	45.33	74	28.67
7323	22.32	AV PK	H	34.95	5.09 6.22	26.40	31.56 49.26	54 74	22.44 24.74
7323	34.49 21.86	AV	Н	34.95	6.22	26.40		54	17.37
3042	38.98	PK	Н	24.44	3.49	26.40	36.63 40.48	74	33.52
3042	26.08	AV	Н	24.44	3.49	26.43	27.58	54	26.42
3244	40.19	PK	Н	25.57	3.80	26.50	43.06	74	30.94
3244	26.98	AV	H	25.57	3.80	26.50	29.85	54	24.15
200.89	40.50	PK	H	13.30	0.94	27.76	26.98	43.5	16.52
119.24	46.58	AV	H	15.35	0.73	28.15	34.51	43.5	8.99
110.24	40.00	7.0		ligh Chan			04.01	40.0	0.00
2480	65.83	PK	Н	23.27	2.99	0.00	92.09	N/A	N/A
2480	60.04	AV	Н	23.27	2.99	0.00	86.3	N/A	N/A
2480	63.10	PK	V	23.27	2.99	0.00	89.36	N/A	N/A
2480	56.28	AV	V	23.27	2.99	0.00	82.54	N/A	N/A
2483.5	31.89	PK	Н	23.26	2.99	0.00	58.14	74	15.86
2483.5	15.50	AV	Н	23.26	2.99	0.00	41.75	54	12.25
4960	35.83	PK	Н	31.27	5.05	26.88	45.27	74	28.73
4960	22.65	AV	Н	31.27	5.05	26.88	32.09	54	21.91
7440	35.13	PK	Н	35.18	6.27	26.45	50.13	74	23.87
7440	22.40	AV	Н	35.18	6.27	26.45	37.4	54	16.6
3284	39.91	PK	Н	25.79	3.86	26.51	43.05	74	30.95
3284	27.24	AV	Н	25.79	3.86	26.51	30.38	54	23.62
158.68	42.86	PK	Н	12.54	0.95	28.02	28.33	43.5	15.17
202.38	40.52	AV	Н	12.98	0.93	27.76	26.67	43.5	16.83

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FCC §15.247(a) (1) - CHANNEL SEPARATION TEST

Applicable Standard

Frequency hopping systems shall have hoping channel carrier frequencies separated by a minimum of 25 kHz or the 20dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.50 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20dB bandwidth of the hopping channel, whichever is greater provided the systems operate with an output power no greater than 125 mW.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Rohde & Schwarz	EMI Test Receiver	ESCI	100028	2016-12-02	2017-12-01
Unknown	RF Cable	Unknown	C-5	Each Time	/

^{*} Statement of Traceability: BACL(Chengdu) attests that all of the calibrations on the equipment items listed above were traceable to NIM or to another internationally recognized National Metrology Institute (NMI), and were compliant with the NIST HB 150-2016 Normative Annex B "Implementation of traceability policy in accredited laboratories".

Test Procedure

- 1. Set the EUT in transmitting mode, spectrum Bandwidth was set at 30 kHz, maxhold the channel.
- 2. Set the adjacent channel of the EUT maxhold another trace.
- 3. Measure the channel separation.

Test Data

Environmental Conditions

Temperature:	24.9°C
Relative Humidity:	50.6 %
ATM Pressure:	101 kPa

^{*} The testing was performed by Lorin Bian on 2017-04-24.

Test Result: Compliance.

Please refer to following tables and plots

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Test Mode: Transmitting

Mode	Channel	Frequency (MHz)	Channel Separation (MHz)	Limit (MHz)
000	Low	2402	1.000	0.49
BDR (GFSK)	Middle	2441	1.000	0.49
(GFSK)	High	2480	1.000	0.49
EDD	Low	2402	1.004	0.74
EDR (π/4-DQPSK)	Middle	2441	1.004	0.75
(11/4-DQF3K)	High	2480	1.000	0.75
EDR (8DPSK)	Low	2402	1.000	0.78
	Middle	2441	1.000	0.77
(001 311)	High	2480	1.000	0.78

Note: Limit= (2/3) × 20dB bandwidth

BDR Mode (GFSK):

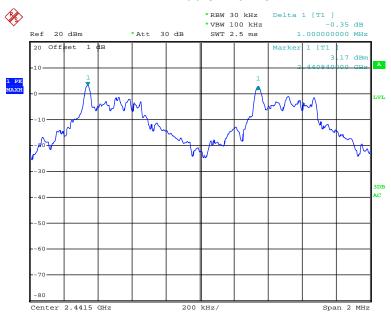
Low Channel



Date: 24.APR.2017 17:41:55

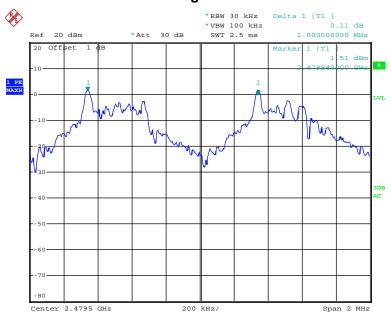
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Middle Channel



Date: 24.APR.2017 17:44:33

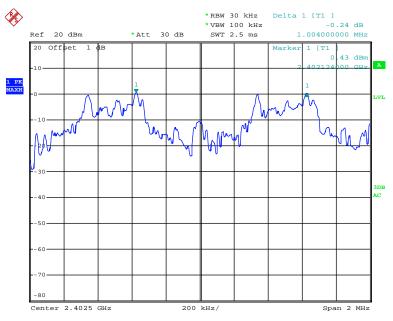
High Channel



Date: 24.APR.2017 17:46:17

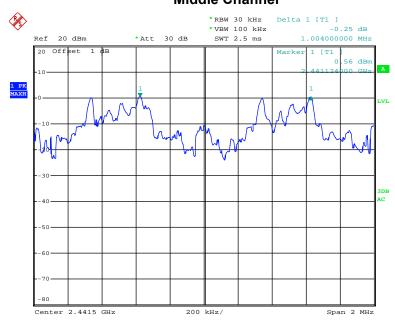
EDR Mode ($\pi/4$ -DQPSK):

Low Channel



Date: 24.APR.2017 17:49:00

Middle Channel



Date: 24.APR.2017 17:50:48

Bay Area Compliance Laboratories Corp. (Chengdu)

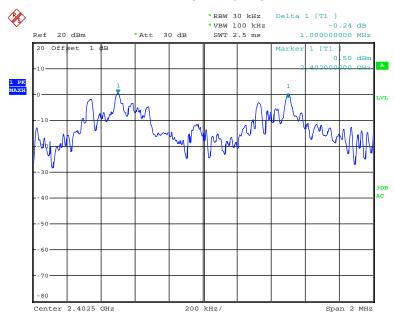
High Channel



Date: 24.APR.2017 17:53:16

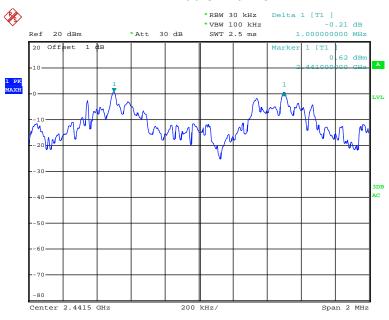
EDR Mode (8-DPSK):

Low Channel



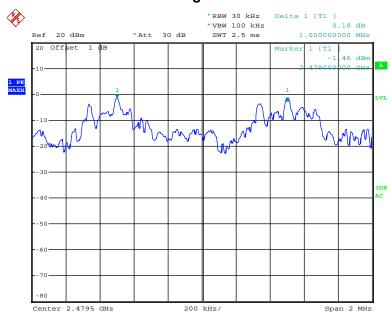
Date: 24.APR.2017 17:56:32

Middle Channel



Date: 24.APR.2017 17:58:14

High Channel



Date: 24.APR.2017 17:59:57

FCC §15.247(a) (1) - 20 dB BANDWIDTH TESTING

Applicable Standard

Alternatively, frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.

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 on the test table without connection to measurement instrument. Turn on the EUT. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
- 3. Measure the frequency difference of two frequencies that were attenuated 20 dB from the reference level. Record the frequency difference as the emission bandwidth.
- 4. Repeat above procedures until all frequencies measured were complete.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Rohde & Schwarz	EMI Test Receiver	ESCI	100028	2016-12-02	2017-12-01
Unknown	RF Cable	Unknown	C-5	Each Time	1

^{*} Statement of Traceability: BACL(Chengdu) attests that all of the calibrations on the equipment items listed above were traceable to NIM or to another internationally recognized National Metrology Institute (NMI), and were compliant with the NIST HB 150-2016 Normative Annex B "Implementation of traceability policy in accredited laboratories".

Test Data

Environmental Conditions

Temperature:	24.9°C
Relative Humidity:	50.6 %
ATM Pressure:	101 kPa

^{*} The testing was performed by Lorin Bian on 2017-04-24.

Test Result: Compliance.

Please refer to following tables and plots

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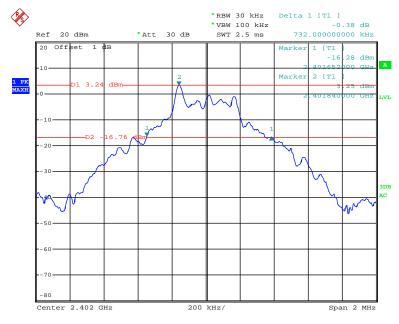
Bay Area Compliance Laboratories Corp. (Chengdu)

Test Mode: Transmitting

Mode	Channel	Frequency (MHz)	20 dB Bandwidth (MHz)
BDR Mode	Low	2402	0.73
(GFSK)	Middle	2441	0.73
(GFSR)	High	2480	0.74
EDR Mode	Low	2402	1.11
EDR Mode (π/4-DQPSK)	Middle	2441	1.12
(II/4-DQF3K)	High	2480	1.12
EDD Mode	Low	2402	1.17
EDR Mode	Middle	2441	1.16
(8-DPSK)	High	2480	1.17

BDR Mode (GFSK):

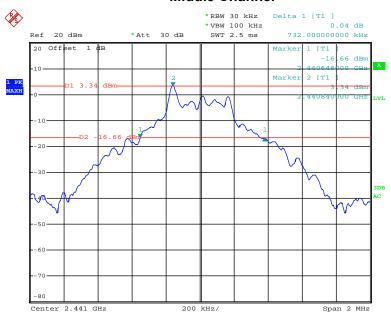
Low Channel



Date: 24.APR.2017 17:16:05

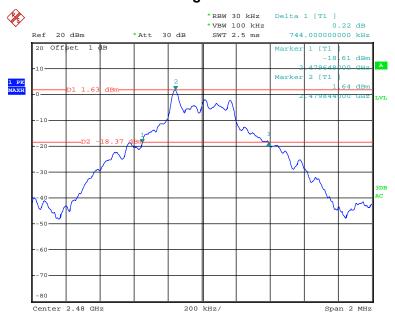
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Middle Channel



Date: 24.APR.2017 17:19:08

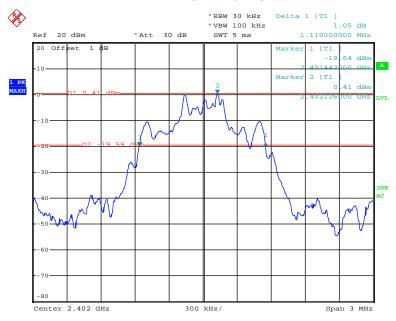
High Channel



Date: 24.APR.2017 17:21:39

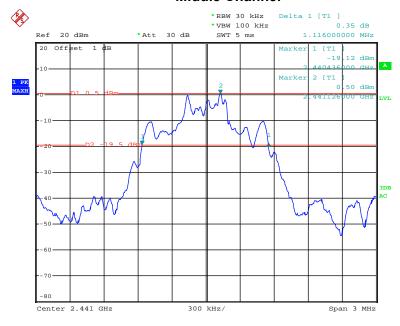
EDR Mode ($\pi/4$ -DQPSK):

Low Channel



Date: 24.APR.2017 17:27:39

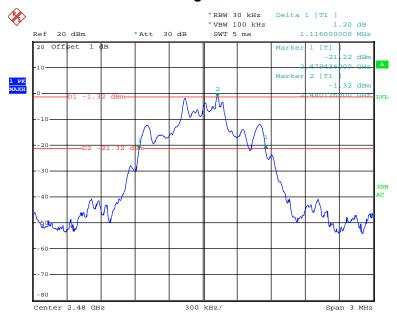
Middle Channel



Date: 24.APR.2017 17:25:39

Bay Area Compliance Laboratories Corp. (Chengdu)

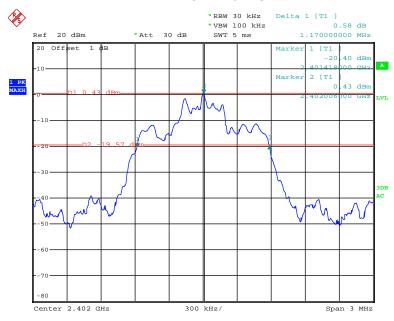
High Channel



Date: 24.APR.2017 17:23:56

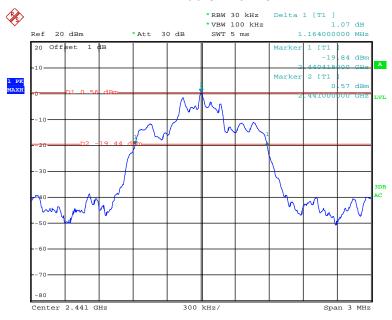
EDR Mode (8-DPSK):

Low Channel



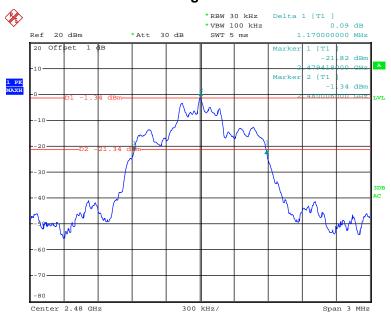
Date: 24.APR.2017 17:29:54

Middle Channel



Date: 24.APR.2017 17:34:50

High Channel



Date: 24.APR.2017 17:38:02

FCC §15.247(a) (1) (iii) - QUANTITY OF HOPPING CHANNEL TEST

Applicable Standard

Frequency hopping systems in the 2400–2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

Test Procedure

- 1. Check the calibration of the measuring instrument (SA) using either an internal calibrator or a known signal from an external generator.
- 2. Set the EUT in hopping mode from first channel to last.
- 3. By using the Max-Hold function record the Quantity of the channel.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Rohde & Schwarz	EMI Test Receiver	ESCI	100028	2016-12-02	2017-12-01
Unknown	RF Cable	Unknown	C-5	Each Time	1

^{*} Statement of Traceability: BACL(Chengdu) attests that all of the calibrations on the equipment items listed above were traceable to NIM or to another internationally recognized National Metrology Institute (NMI), and were compliant with the NIST HB 150-2016 Normative Annex B "Implementation of traceability policy in accredited laboratories".

Test Data

Environmental Conditions

Temperature:	24.9°C
Relative Humidity:	50.6 %
ATM Pressure:	101 kPa

^{*} The testing was performed by Lorin Bian on 2017-04-24.

Test Result: Compliance.

Please refer to following tables and plots

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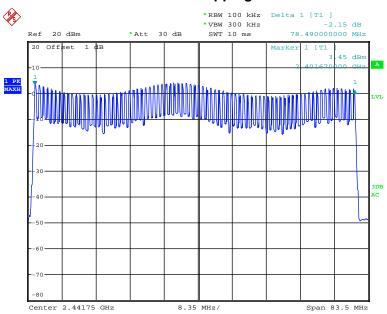
Bay Area Compliance Laboratories Corp. (Chengdu)

Test Mode: Transmitting

BDR Mode (GFSK):

Frequency Range (MHz)	Number of Hopping Channel	Limit	
2400-2483.5	79	≥15	

Number of Hopping Channels

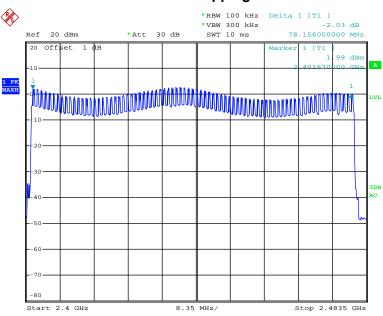


Date: 24.APR.2017 19:43:39

EDR Mode ($\pi/4$ -DQPSK):

Frequency Range (MHz)	Number of Hopping Channel	Limit
2400-2483.5	79	≥15

Number of Hopping Channels



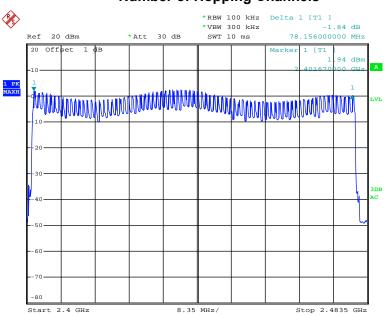
Date: 24.APR.2017 19:23:53

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EDR Mode (8-DPSK):

Frequency Range (MHz)	Number of Hopping Channel	Limit	
2400-2483.5	79	≥15	

Number of Hopping Channels



Date: 24.APR.2017 18:17:06

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FCC §15.247(a) (1) (iii) - TIME OF OCCUPANCY (DWELL TIME)

Applicable Standard

Frequency hopping systems in the 2400-2483.5 MHz shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

Test Procedure

The EUT was worked in channel hopping; Spectrum SPAN was set as 0. the time of single pulses was tested.

Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Rohde & Schwarz	EMI Test Receiver	ESCI	100028	2016-12-02	2017-12-01
Unknown	RF Cable	Unknown	C-5	Each Time	1

^{*} Statement of Traceability: BACL(Chengdu) attests that all of the calibrations on the equipment items listed above were traceable to NIM or to another internationally recognized National Metrology Institute (NMI), and were compliant with the NIST HB 150-2016 Normative Annex B "Implementation of traceability policy in accredited laboratories".

Test Data

Environmental Conditions

Temperature:	24.9°C
Relative Humidity:	50.6 %
ATM Pressure:	101 kPa

^{*} The testing was performed by Lorin Bian on 2017-04-24.

Test Result: Compliance.

Please refer to following tables and plots

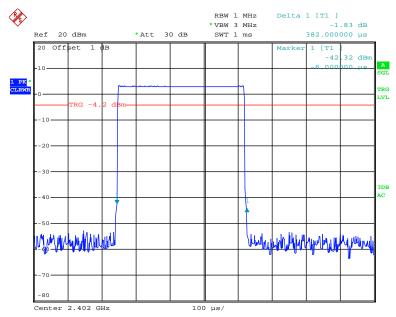
Report No.: RDG170411803B Page 36 of 58

Test Mode: Transmitting

BDR Mode (GFSK):

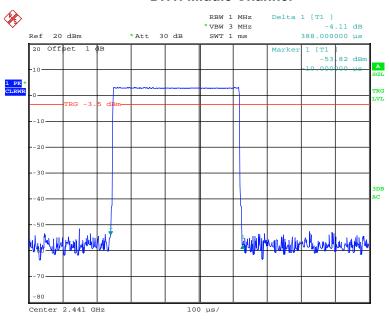
Mode	Channel	Pulse Width (ms)	Dwell Time (s)	Limit (s)	Result	
	Low	0.382	0.122	0.4	Compliance	
DH1	Middle	0.388	0.124	0.4	Compliance	
DITT	High	0.380	0.122	0.4	Compliance	
	Note: Dwell time=Pulse time (ms) × (1600/2/79) ×31.6 s					
	Low	1.650	0.264	0.4	Compliance	
DH3	Middle	1.650	0.264	0.4	Compliance	
Diis	High	1.650	0.264	0.4	Compliance	
	Note: Dwell time=Pulse time (ms) × (1600/4/79) ×31.6				31.6 s	
	Low	2.910	0.310	0.4	Compliance	
DH5	Middle	2.910	0.310	0.4	Compliance	
טווט	High	2.910	0.310	0.4	Compliance	
Note: Dwell time=Pulse time (ms) × (1600/6/79				0/6/79) ×3	31.6 s	

DH1: Low Channel



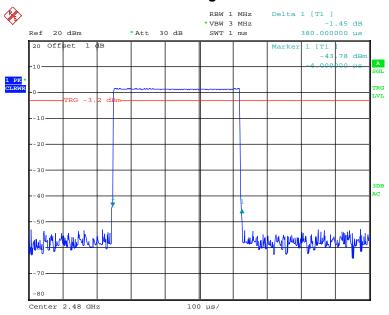
Date: 24.APR.2017 19:48:04

DH1: Middle Channel



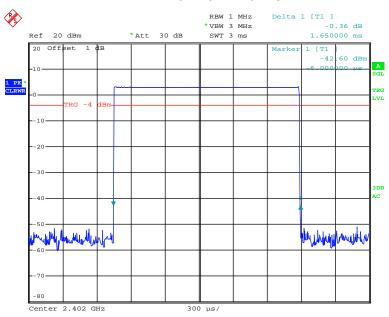
Date: 24.APR.2017 19:48:11

DH1: High Channel



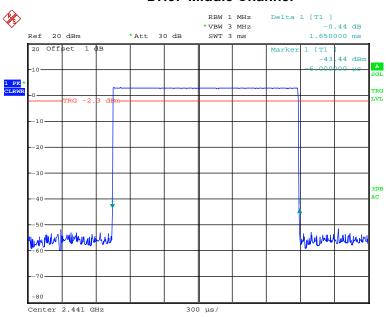
Date: 24.APR.2017 19:48:17

DH3: Low Channel



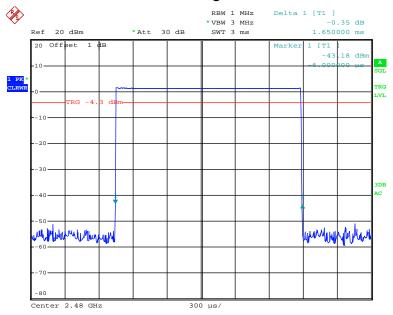
Date: 24.APR.2017 19:49:13

DH3: Middle Channel



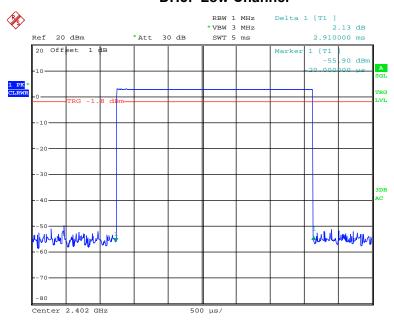
Date: 24.APR.2017 19:49:19

DH3: High Channel



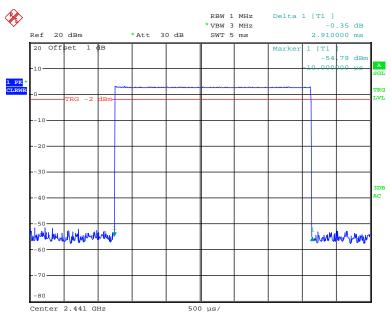
Date: 24.APR.2017 19:49:26

DH5: Low Channel



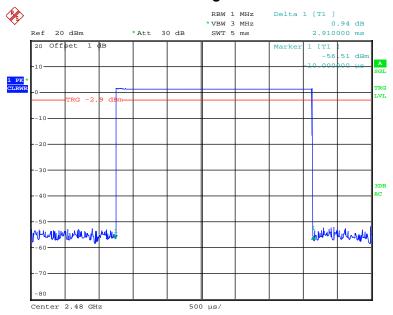
Date: 24.APR.2017 19:50:16

DH5: Middle Channel



Date: 24.APR.2017 19:50:23

DH5: High Channel

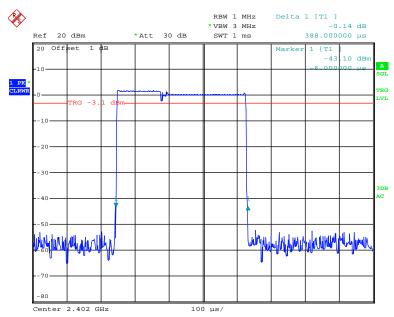


Date: 24.APR.2017 19:50:30

EDR Mode ($\pi/4$ -DQPSK):

Mode	Channel	Pulse Width (ms)	Dwell Time (s)	Limit (s)	Result	
	Low	0.388	0.124	0.4	Compliance	
2DH1	Middle	0.388	0.124	0.4	Compliance	
20111	High	0.390	0.125	0.4	Compliance	
	Note: Dwell time=Pulse time (ms) × (1600/2/79) ×31.6 s					
2DH3	Low	1.650	0.264	0.4	Compliance	
	Middle	1.656	0.265	0.4	Compliance	
20113	High	1.656	0.265	0.4	Compliance	
	Note: Dwell time=Pulse time (ms) × (1600/4/79) ×31.6 s					
2DH5	Low	2.910	0.310	0.4	Compliance	
	Middle	2.910	0.310	0.4	Compliance	
20113	High	2.910	0.310	0.4	Compliance	
	Note: Dwell time=Pulse time (ms) × (1600/6/79) ×31.6 s					

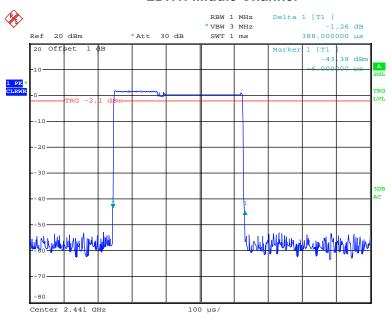
2DH1: Low Channel



Date: 24.APR.2017 19:51:33

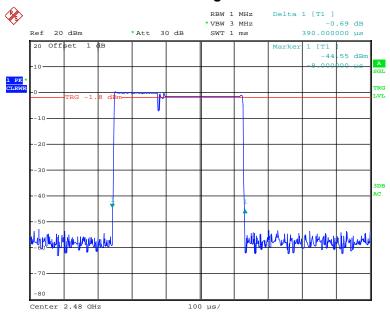
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2DH1: Middle Channel



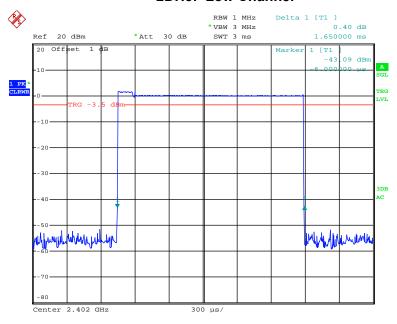
Date: 24.APR.2017 19:51:40

2DH1: High Channel



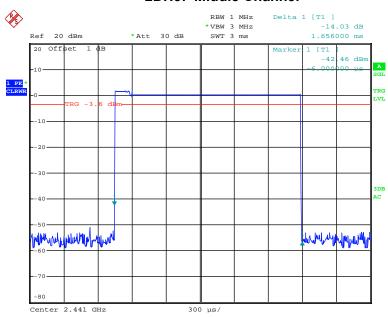
Date: 24.APR.2017 19:51:48

2DH3: Low Channel



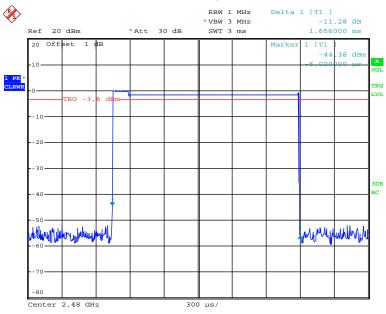
Date: 24.APR.2017 19:52:35

2DH3: Middle Channel



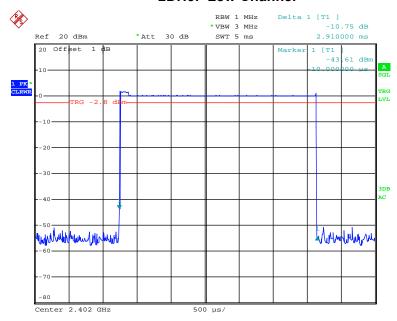
Date: 24.APR.2017 19:52:42

2DH3: High Channel



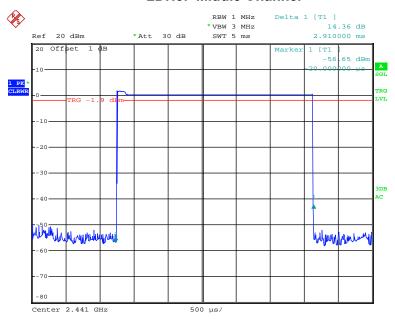
Date: 24.APR.2017 19:52:49

2DH5: Low Channel



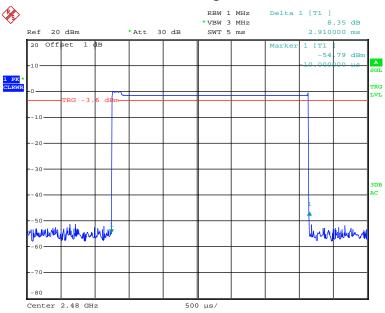
Date: 24.APR.2017 19:54:02

2DH5: Middle Channel



Date: 24.APR.2017 19:54:10

2DH5: High Channel

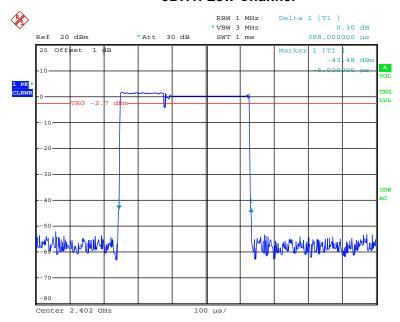


Date: 24.APR.2017 19:54:18

EDR Mode (8-DPSK):

Mode	Channel	Pulse Width (ms)	Dwell Time (s)	Limit (s)	Result	
	Low	0.388	0.124	0.4	Compliance	
3DH1	Middle	0.396	0.127	0.4	Compliance	
30111	High	0.388	0.124	0.4	Compliance	
	Note: Dwell time=Pulse time (ms) × (1600/2/79) ×31.6 s					
3DH3	Low	1.656	0.265	0.4	Compliance	
	Middle	1.650	0.264	0.4	Compliance	
<i>งม</i> ทง	High	1.650	0.264	0.4	Compliance	
	Note: Dwell time=Pulse time (ms) × (1600/4/79) ×31.6 s					
3DH5	Low	2.910	0.310	0.4	Compliance	
	Middle	2.910	0.310	0.4	Compliance	
3DH3	High	2.920	0.311	0.4	Compliance	
	Note: Dwell time=Pulse time (ms) × (1600/6/79) ×31.6 s					

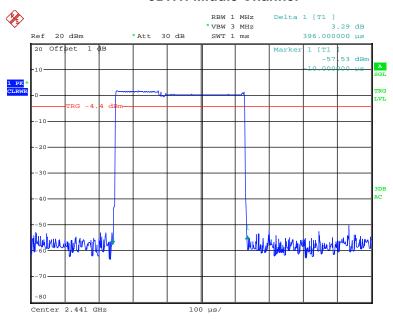
3DH1: Low Channel



Date: 24.APR.2017 19:56:04

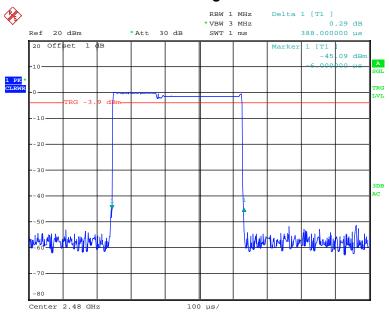
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3DH1: Middle Channel



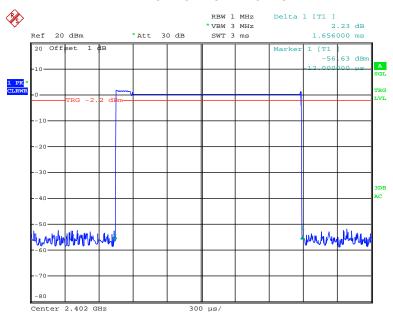
Date: 24.APR.2017 19:56:25

3DH1: High Channel



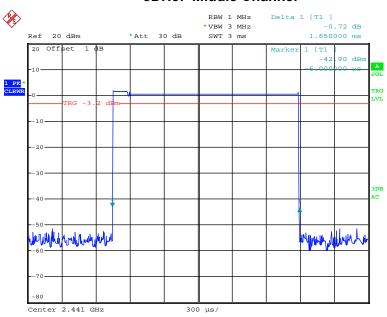
Date: 24.APR.2017 19:56:33

3DH3: Low Channel



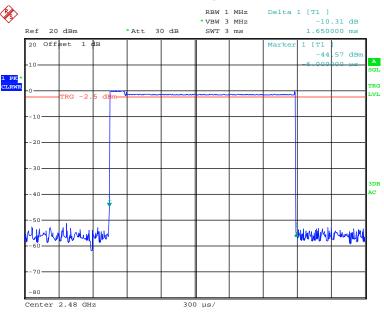
Date: 24.APR.2017 19:57:19

3DH3: Middle Channel



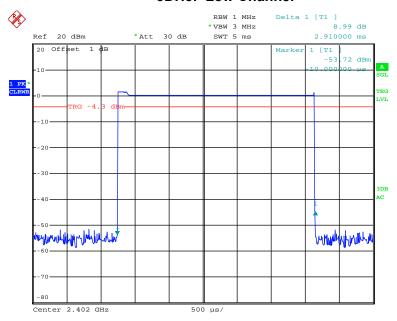
Date: 24.APR.2017 19:57:26

3DH3: High Channel



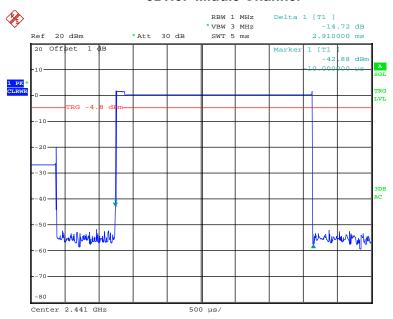
Date: 24.APR.2017 19:57:32

3DH5: Low Channel



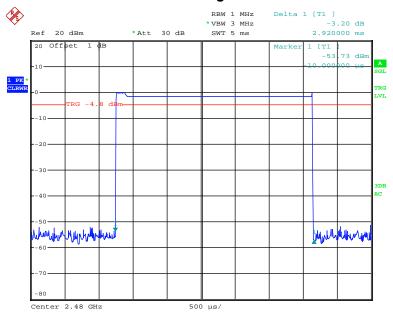
Date: 24.APR.2017 19:58:15

3DH5: Middle Channel



Date: 24.APR.2017 19:58:27

3DH5: High Channel



Date: 24.APR.2017 19:58:34

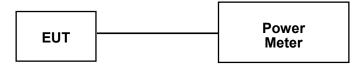
FCC §15.247(b) (1) - PEAK OUTPUT POWER MEASUREMENT

Applicable Standard

According to §15.247(b) (1), for frequency hopping systems operating in the 2400–2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400–2483.5 MHz band: 0.125 watts

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.
- 4. Set the power Meter to test Peak output power, record the result as peak power.



Test Equipment List and Details

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Agilent	Wideband Power Sensor	N1921A	MY54170074	2017-01-03	2018-01-02
Agilent	P-Series Power Meter	N1912A	MY5000798	2017-01-03	2018-01-02
Unknown	RF Cable	Unknown	C-5	Each Time	1

^{*} Statement of Traceability: BACL(Chengdu) attests that all of the calibrations on the equipment items listed above were traceable to NIM or to another internationally recognized National Metrology Institute (NMI), and were compliant with the NIST HB 150-2016 Normative Annex B "Implementation of traceability policy in accredited laboratories".

Test Data

Environmental Conditions

Temperature:	24.9°C
Relative Humidity:	50.6 %
ATM Pressure:	101 kPa

^{*} The testing was performed by Lorin Bian on 2017-04-24.

Test Result: Compliance.

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Test Mode: Transmitting

Mode	Frequency (MHz)	Conducted Peak Output power (dBm)	Limit (dBm)
	2402	3.31	30
BDR Mode	2439	3.42	30
(GFSK)	2441	3.34	30
	2480	1.75	30
EDR Mode (π/4-DQPSK)	2402	1.96	30
	2439	2.08	30
	2441	1.99	30
	2480	0.41	30
EDR Mode (8-DPSK)	2402	2.02	30
	2439	2.15	30
	2441	2.08	30
	2480	0.47	30

Note: The data above was tested in conducted mode.

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FCC §15.247(d) - BAND EDGES TESTING

Applicable Standard

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)).

Test Procedure

- 1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- 2. Remove the antenna from the EUT and then connect to a low loss RF cable from the antenna port to a EMI test receiver, then turn on the EUT and make it operate in transmitting mode. Then set it to Low Channel and High Channel within its operating range, and make sure the instrument is operated in its linear range.
- 3. Set both RBW/ VBW of spectrum analyzer to 100/300 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
Rohde & Schwarz	EMI Test Receiver	ESCI	100028	2016-12-02	2017-12-01
Unknown	RF Cable	Unknown	C-5	Each Time	1

^{*} Statement of Traceability: BACL(Chengdu) attests that all of the calibrations on the equipment items listed above were traceable to NIM or to another internationally recognized National Metrology Institute (NMI), and were compliant with the NIST HB 150-2016 Normative Annex B "Implementation of traceability policy in accredited laboratories".

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Test Data

Environmental Conditions

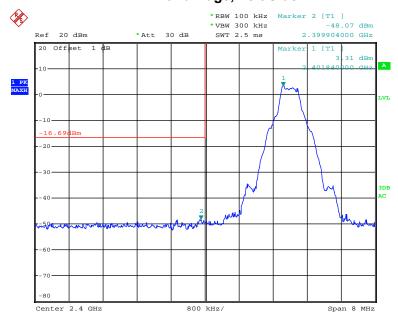
Temperature:	24.9°C
Relative Humidity:	50.6 %
ATM Pressure:	101 kPa

^{*} The testing was performed by Lorin Bian on 2017-04-24.

Test Result: Compliance

BDR Mode (GFSK):

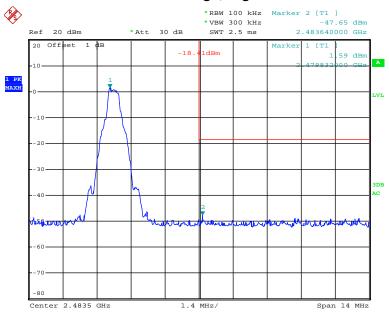
Band Edge, Left Side



Date: 24.APR.2017 17:17:07

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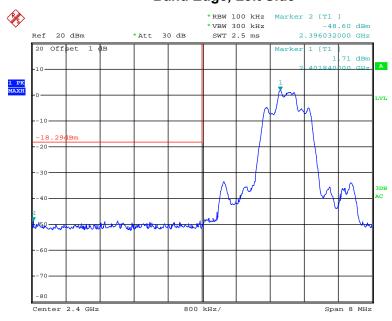
Band Edge, Right Side



Date: 24.APR.2017 17:22:14

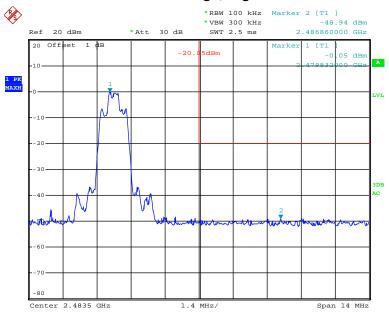
EDR Mode ($\pi/4$ -DQPSK):

Band Edge, Left Side



Date: 24.APR.2017 17:28:24

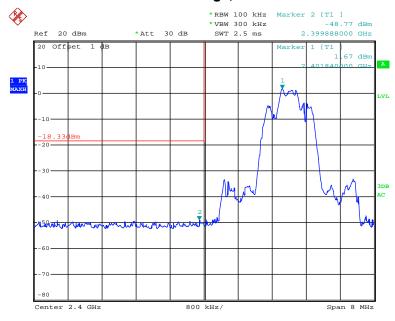
Band Edge, Right Side



Date: 24.APR.2017 17:24:43

EDR Mode (8-DPSK):

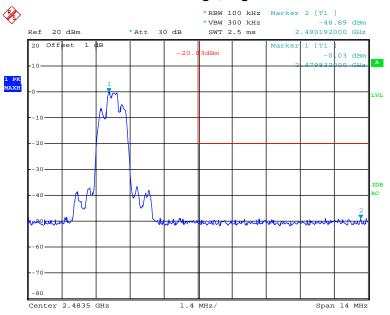
Band Edge, Left Side



Date: 24.APR.2017 17:30:30

Bay Area Compliance Laboratories Corp. (Chengdu)

Band Edge, Right Side



Date: 24.APR.2017 17:38:51

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

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