FCC PART 22/24/27 TEST REPORT

for

Smart Tracker By Yepzon

Model No.: YPZNLT

FCC ID: 2AENAYPZNLT

of

Applicant: Yepzon Oy
Address: Finlaysoninkuja 9, 33210 Tampere Finland

Tested and Prepared

by

Worldwide Testing Services (Taiwan) Co., Ltd.

FCC Registration No.: TW1477, TW0020, TW1072

Industry Canada filed test laboratory Reg. No.: TW1477

A2LA Accredited No.: 2732.01

Report No.: W6M21903-18849-P-247

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Worldwide Testing Services(Taiwan) Co., Ltd.

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT

Certification of Test Report

Applicant : Yepzon Oy
Finlaysoninkuja 9, 33210 Tampere
Finland

Manufacturer : VVDN Technologies Pvt. Ltd
B-22, Infocity Sector-34, Gurgaon-122001, Haryana, India

Tested Equipment :

Type Description	: Smart Tracker By Yepzon
Model Number	: YPZNLT
Brand Name	: YEPZON
Operation Frequency	: Please see chapter 2.3.
RF Output Power:	: GSM Band 850 MHz: 15.77 dBm (ERP) Band1900: 21.73 dBm (EIRP) Cat M1 Band II: 19.67 dBm (EIRP) Band IV 23.96 dBm (EIRP) Band XII: 16.51 dBm (ERP) Cat NB1 Band II: 19.61 dBm (EIRP) Band IV 23.17 dBm (EIRP) Band XII: 14.98 dBm (ERP)
Power Supply	: Battery 3.7Vd.c., 450mAh, 1.665Wh, USB 5Vd.c.

Regulation Applied : 47CFR Part 22 (2018-10), Part 24 (2018-10), Part 27 (2018-10)

Test Method : 47CFR Part 2 (2018), TIA/EIA-603E (2016) and ANSI C63.26 (2015)

I HEREBY CERTIFY THAT: The test results written in this report were derived conscientiously in accordance with the requirements and procedures of 47CFR Part 2(2018), TIA/EIA-603E(2016), and it was found that the device described above is in compliance with the applicable limits specified in 47CFR Part 22/24/27.

Note:

3. The result of this test report is valid only in connection to the sample has been tested at the laboratory of Worldwide Testing Services (Taiwan) Co. Ltd.
4. This test report shall always be duplicated in full pages unless the written approval of the testing laboratory is obtained.

Test Engineer:

Date	WTS-Lab.	Name	Signature
May 10, 2019		Kent Lin	Kent Lin

Technical responsibility for area of testing:

Date	WTS	Name	Signature
May 10, 2019		Kevin Wang	Kevin Wang

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1. Summary

1.1 Description of tested equipment

This equipment under tested, YPZNLT, is a Smart Tracker By Yepzon.
This test report only contains test requirements specified in 47CFR Part 22, Part 24 and Part27 for GSM, Cat M1 and Cat NB1 function. For other functions; please refer to separate test report with respect to the relevant test standard and specification.

1.2 Date of testing processing

Date of receipt of test item:	March 08, 2019
Date of test:	from March 09, 2019 to May 10, 2019
Other Information:	None

1.3 Modification Information

No modification was made during the all test items been performed.

1.4 Test standards

Technical standard: **FCC Part 2 (2018), TIA/EIA-603E (2016), ANSI C63.26 (2015) 47CFR Part 22 (2018), Part 24 (2018) and Part 27 (2018)**

Deviation from test standard: None

1.5 Summary of test result

GSM
Band: 850 MHz

Section in this Report	Test Item	FCC relevant Section	Verdict
3.2	RF Power Output (Effective radiated power)	2.1046(a), 22.913(a)	Pass
4.2	Modulation characteristics	2.1047	Not Required
5.2	Occupied bandwidth	2.1049(h)	Pass
6.2	Spurious emissions at antenna terminals	22.917(a), 2.1051	Pass
7.2	Field strength of spurious radiation	22.917(a), 2.1053	Pass
7.5	Band Edge emissions	22.917(a)	Pass
8.2	Frequency stability	2.1055 22.355	Pass

Band: 1900 MHz

Section in this Report	Test Item	FCC Relevant Section	Verdict
3.2	RF Power Output (Equivalent isotropically radiated power)	2.1046(a), 24.232	Pass
4.2	Modulation characteristics	2.1047	Not Required
5.2	Occupied bandwidth	2.1049(h) 24.238(b)	Pass
6.2	Spurious emissions at antenna terminals	24.238(a), 2.1051	Pass
7.2	Field strength of spurious radiation	24.238(a), 2.1053	Pass
7.5	Band Edge emissions	24.238(b)	Pass
8.2	Frequency stability	2.1055 24.235	Pass

Harmonized Standard Requirements and Conformance Test Specifications				
Item	Clause	Test Content	Limit	Test Result
3.2	§22.913 §24.232 §27.50	Effective Radiated Power and Equivalent Isotropic Radiated Power Measurement	ERP < 7 Watts (Band 5) EIRP < 2 Watts (Band 2) ERP < 3 Watts (Band 12) EIRP < 1 Watts (Band 4)	Pass
5.3	§24.232 §27.50	Peak–to–Average Ratio	< 13 dB	Pass
6.2	§2.1049	Occupied Bandwidth	OBW : No Limit	Pass
7.2	§22.917 §24.238 §27.53	Conducted Spurious Emission Measurement	< 43+10log10(P[Watts])	Pass
8.2	§22.917 §24.238 §27.53	Radiated Spurious Emission Measurement	< 43+10log10(P[Watts])	Pass
8.5	§22.917 §24.238 §27.53	Conducted Band Edge Measurement	< 43+10log10(P[Watts])	Pass
9.2	§2.1055 §22.355 §24.235 §27.54	Frequency stability / Temperature variation Measurement	< 2.5 ppm	Pass

Test item Name	Measurement Uncertainty
Estimation Result of Uncertainty of Radiated Emission(3M)	Expanded Uncertainty: 0.009-30 MHz:2.02 dB 30-1000 MHz:3.49 dB 1-18 GHz:3.01 dB 18-40 GHz:2.43 dB
Estimation Result of Uncertainty of Conducted Output Power Measurement	Expanded Uncertainty：1.72 dB
Estimation Result of Uncertainty of Bandwidth Measurement	Expanded Uncertainty：0.45 kHz
Estimation Result of Uncertainty of Frequency Drift Measurement	Expanded Uncertainty：6.11 Hz
Estimation Result of Uncertainty of Band Edge Measurement	Expanded Uncertainty：0.98 dBc

The decision rule is: Measurement uncertainty is not taken into account.

2. General Information

2.1 Testing laboratory

2.1.1 Location

OATS
No.5-1, Shuang Sing Village,
LiShuei Rd., Wanli Township,
Taipei County 207, Taiwan (R.O.C.)
Company
Worldwide Testing Services (Taiwan) Co., Ltd.
6F, NO. 58, LANE 188, RUEY-KUANG RD.
NEIHU, TAIPEI 114, TAIWAN R.O.C.
Tel : 886-2-66068877
Fax : 886-2-66068879

2.1.2 Details of accreditation status

Accredited testing laboratory
A2LA-registration number: 2732.01
FCC filed test laboratory Reg. No. TW1477, TW0020, TW1072
Industry Canada filed test laboratory Reg. No. TW1477

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

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

2.2 Details of approval holder

Name:	Yepzon Oy
Street:	Finlaysoninkuja 9, 33210
Town:	Tampere
Country:	Finland
Telephone:	+358504869171
Fax:	./.

Manufacturer: (if different from applicant)

Name:	VVDN Technologies Pvt. Ltd
Street:	B-22, Infocity Sector-34, Gurgaon-122001,
Town:	Haryana,
Country:	India

2.3 Description of Tested System

The EUT was tested alone without the Accessories or Peripherals.

Equipment	Model No.	Series No.	Software	Cable information	Note
No accessories were used with this EUT.					

Frequencies Selected to be investigated:

GSM

Band 850 MHz MHz

Low Frequency (ch 128): 824.2 MHz
Mid Frequency (ch 188): 836.2 MHz
High Frequency (ch 251): 848.8 MHz

Band 1900 MHz MHz

Low Frequency (ch 512): 1850.2 MHz
Mid Frequency (ch 661): 1880.0 MHz
High Frequency (ch 810): 1909.8 MHz

Cat M1

Band II

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	18607	1850.7	607	1930.7
	3	18615	1851.5	615	1931.5
	5	18625	1852.5	625	1932.5
	10	18650	1855	650	1935
	15 [1]	18675	1857.5	675	1937.5
	20 [1]	18700	1860	700	1940
Mid Range	1.4/3/5/10 15 [1]/20 [1]	18900	1880	900	1960
High Range	1.4	19193	1909.3	1193	1989.3
	3	19185	1908.5	1185	1988.5
	5	19175	1907.5	1175	1987.5
	10	19150	1905	1150	1985
	15 [1]	19125	1902.5	1125	1982.5
	20 [1]	19100	1900	1100	1980
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.					

Band IV

B4/BW=1.4M				B4/BW=3M			
	Channel/Frequency(MHz)				Channel/Frequency(MHz)		
Uplink	19957/ 1710.7	20175/ 1732.5	20393/ 1754.3	Uplink	19965/ 1711.5	20175/ 1732.5	20385/ 1753.5
Downlink	1957/ 2110.7	2175/ 2132.5	2393/ 2154.3	Downlink	1965/ 2111.5	2175/ 2132.5	2385/ 2153.5
B4/BW=5M				B4/BW=10M			
	Channel/Frequency(MHz)				Channel/Frequency(MHz)		
Uplink	19975/ 1712.5	20175/ 1732.5	20375/ 1752.5	Uplink	20000/ 1715	20175/ 1732.5	20350/ 1750
Downlink	1975/ 2112.5	2175/ 2132.5	2375/ 2152.5	Downlink	2000/ 2115	2175/ 2132.5	2350/ 2150
B4/BW=15M				B4/BW=20M			
	Channel/Frequency(MHz)				Channel/Frequency(MHz)		
Uplink	20025/ 1717.5	20175/ 1732.5	20325/ 1747.5	Uplink	20050/ 1720	20175/ 1732.5	20300/ 1745
Downlink	2025/ 2117.5	2175/ 2132.5	2035/ 2147.5	Downlink	2050/ 2120	2175/ 2132.5	2300/ 2145

Band XII

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	23017	699.7	5017	729.7
	3	23025	700.5	5025	730.5
	5 [1]	23035	701.5	5035	731.5
	10 [1]	23060	704	5060	734
Mid Range	1.4/3 5 [1]/10 [1]	23095	707.5	5095	737.5
High Range	1.4	23173	715.3	5173	745.3
	3	23165	714.5	5165	744.5
	5 [1]	23155	713.5	5155	743.5
	10 [1]	23130	711	5130	741
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.					

Cat NB1
Band II

Test Frequency ID	N_{UL}	M_{UL}	Frequency of Uplink [MHz]	N_{DL}	M_{DL}	Frequency of Downlink [MHz]
Low Range	18601	0	1850.1	601	-0.5	1930.1
Mid Range	18900	0	1880.0	900	-0.5	1960.0
High Range	19199	0	1909.9	1199	-0.5	1989.9
NOTE 1: Applicable to either 3.75 kHz or 15 kHz NB-IoT UL subcarrier spacing						

Band IV

	B4		
	Channel/Frequency(MHz)		
Uplink	19951/1710.1	20175/1732.5	20399/1754.9
Downlink	1951/2110.1	2175/2132.5	2399/2154.9

Band XII

Test Frequency ID	N_{UL}	M_{UL}	Frequency of Uplink [MHz]	N_{DL}	M_{DL}	Frequency of Downlink [MHz]
Low Range	23011	0	699.1	5011	-0.5	729.1
Mid Range	23095	0	707.5	5095	-0.5	737.5
High Range	23179	0	715.9	5179	-0.5	745.9
NOTE 1: Applicable to either 3.75 kHz or 15 kHz NB-IoT UL subcarrier spacing						

Antenna Type: LDS Antenna

Antenna Gain: GSM Band 850 MHz: -6.86 dBi, Band1900: -4.45 dBi
Cat M1 & Cat NB1
Band II: -4.45 dBi, Band IV -0.24 dBi, Band XII: -5.09 dBi

Power supply: Battery 3.7Vd.c., 450mAh, 1.665Wh,
USB 5Vd.c.

2.4 Test environment

Temperature:	27 ºC
Relative humidity content:	54 %
Air pressure:	86-103 Kpa

2.5 General Test Requirement

Radiated Emission: For investigated frequency is equal to or below 1GHz, the RBW and VBW of the spectrum analyzer was 100 kHz and 100 kHz respectively with an appropriate sweep speed.

For investigated frequency is above 1GHz, both of RBW and VBW of the spectrum analyzer were 1 MHz with an appropriate sweep speed. The analyzer was calibrated in dB above a microvolt at the output of the antenna.

The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to the frequency specified as follows:

(1) If the intentional radiator operates below 10 GHz: to the tenth harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower.

(2) If the intentional radiator operates at or above 10 GHz and below 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.

(3) If the intentional radiator operates at or above 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 200 GHz, whichever is lower, unless specified otherwise elsewhere in the rules.

For hand-held devices, a exploratory test was performed with three (3) orthogonal planes to determine the highest emissions.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.

2.6 Test Equipment List

No.	Test equipment	Type	Serial No.	Manufacturer	Cal. Date	Next Cal. Date
ETSTW-CE 001	EMI TEST RECEIVER	ESHS10	842121/013	R&S	2018/5/30	2019/5/29
ETSTW-CE 003	AC POWER SOURCE	APS-9102	D161137	GW	Function Test	
ETSTW-CE 004	ZWEILEITER-V-NETZNACHBILDUNG TWO-LINE V-NETWORK	ESH3-Z5	840731/011	R&S	2018/11/1	2019/10/31
ETSTW-CE 006	IMPULSBEGRENZER PULSE LIMITER	ESH3-Z2	100226	R&S	2018/8/21	2019/8/20
ETSTW-CE 008	HF-EICHLEITUNG RF STEP ATTENUATOR 139dB DPSP	334.6010.02	844581/024	R&S	Function Test	
ETSTW-CE 009	TEMP.&HUMIDITY CHAMBER	GTH-225-40-1P-U	MAA0305-009	GIANT FORCE	2018/7/13	2019/7/12
ETSTW-CE 016	TWO-LINE V-NETWORK	ENV216	100050	R&S	2018/9/25	2019/9/24
ETSTW-CE 028	MXE EMI Receiver	N9038A	MY53220110	Agilent	2018/7/16	2019/7/15
ETSTW-RE 003	EMI TEST RECEIVER	ESI 26	831438/001	R&S	2018/5/30	2019/5/29
ETSTW-RE 004	EMI TEST RECEIVER	ESI 40	832427/004	R&S	2018/5/21	2019/5/20
ETSTW-RE 012	TUNABLE BANDREJECT FILTER	D.C 0309	146	K&L	Function Test	
ETSTW-RE 013	TUNABLE BANDREJECT FILTER	D.C 0336	397	K&L	Function Test	
ETSTW-RE 018	MICROWAVE HORN ANTENNA	AT4560	27212	AR	2018/7/13	2019/7/12
ETSTW-RE 027	Passive Loop Antenna	6512	00034563	ETS-Lindgren	2018/7/12	2019/7/11
ETSTW-RE 030	Double-Ridged Guide Horn Antenna	3117	00035224	ETS-Lindgren	2019/4/2	2020/4/1
ETSTW-RE 042	Biconical Antenna	HK116	100172	R&S	2019/1/29	2020/1/28
ETSTW-RE 043	Log-Periodic Dipole Antenna	HL223	100166	R&S	2019/4/23	2020/4/22
ETSTW-RE 044	Log-Periodic Antenna	HL050	100094	R&S	2019/4/22	2020/4/21
ETSTW-RE 045	ESA-E SERIES SPECTRUM ANALYZER	E4404B	MY45111242	Agilent	Pre-test Use	
ETSTW-RE 050	Attenuator 10dB	50HF-010-1	None	JFW	2019/2/27	2020/2/26
ETSTW-RE 051	Attenuator 6dB	50HF-006-1	None	JFW	2019/2/27	2020/2/26
ETSTW-RE 053	Attenuator 3dB	50HF-003-1	None	JFW	2019/2/27	2020/2/26
ETSTW-RE 055	SPECTRUM ANALYZER	FSU 26	200074	R&S	2019/3/5	2020/3/4
ETSTW-RE 060	Attenuator 30dB	5015-30	F651012z-01	ATM	2019/2/27	2020/2/26
ETSTW-RE 062	Amplifier Module	CHC 2	None	KMIC	2019/3/15	2020/3/14
ETSTW-RE 064	Bluetooth Test Set	MT8852B-042	6K00005709	Anritsu	Function Test	
ETSTW-RE 069	Double-Ridged Guide Horn Antenna	3117	00069377	ETS-Lindgren	Function Test	
ETSTW-RE 072	CELL SITE TEST SET	8921A	3339A00375	HP	2018/9/17	2019/9/16
ETSTW-RE 088	SOLID STATE AMPLIFIER	KMA180265A01	99057	KMIC	2018/9/18	2019/9/17
ETSTW-RE 091	Match Pad	MDCS1500	None	WOKEN	2019/5/9	2020/5/8
ETSTW-RE 099	DC Block	50DB-007-1	None	JFW	2019/2/22	2020/2/21
ETSTW-RE 112	AC POWER SOURCE	TFC-1005	T-0A023536	T-Power	Function test	
ETSTW-RE 115	2.4GHz Notch Filter	N0124411	473874	MICROWAVE CIRCUITS	2019/1/15	2020/1/14

ETSTW-RE 120	RF Player	MP9200	MP9210-111022	ADIVIC	Function test	
ETSTW-RE 122	SIGNAL GENERATOR	SMF100A	102149	R&S	2018/5/29	2019/5/28
ETSTW-RE 125	5GHz Notch filter	5NSL11-5200/E221.3-O/O	1	K&L Microwave	2018/8/8	2019/8/7
ETSTW-RE 126	5GHz Notch filter	5NSL12-5800/E221.3-O/O	1	K&L Microwave	2018/8/8	2019/8/7
ETSTW-RE 127	RF Switch Box	RFS-01	None	WTS	2019/2/26	2020/2/25
ETSTW-RE 128	5.3GHz Notch filter	N0153001	SN487233	Microwave Circuits	2018/8/8	2019/8/7
ETSTW-RE 129	5.5GHz Notch filter	N0555984	SN487234	Microwave Circuits	2018/8/8	2019/8/7
ETSTW-RE 130	Handheld RF Spectrum Analyzer	N9340A	CN0147000204	Agilent	Pre-test Use	
ETSTW-RE 142	Amplifier	8447D	2805A03378	Agilent	2019/3/15	2020/3/14
ETSTW-RE 147	Bi-log Hybrid Antenna	MCTD 2786B	BLB16M04005	ETC	2019/4/2	2020/4/1
ETSTW-RE 151	Thermohygrometer	608-h1	45104376	TESTO	2018/8/17	2019/8/16
ETSTW-EMI 011	USB Compact Modulator	SFC-U	101689	R&S	2019/5/10	2020/5/9
ETSTW-EMS 008	Exposure Level Tester	ELT-400	G-0009	Narda	2018/7/17	2019/7/16
ETSTW-GSM 002	Universal Radio Communication Tester	CMU 200	109439	R&S	2019/3/5	2020/3/4
ETSTW-GSM 003	Radio Communication Analyzer	MT8820C	6201342073	Anritsu	2019/3/26	2020/3/25
ETSTW-GSM 004	Wideband Radio Communication Tester	CMW500	128092	R&S	2018/10/19	2019/10/18
ETSTW-GSM 019	Band Reject Filter	WRCTF824/849-822/851-40 /12+9SS	3	WI	2019/1/14	2020/1/13
ETSTW-GSM 020	Band Reject Filter	WRCD1747/1748-1743/1752-32/5SS	1	WI	2019/1/14	2020/1/13
ETSTW-GSM 021	Band Reject Filter	WRCD1879.5/1880.5-1875.5/1884.5-32/5SS	3	WI	2019/1/14	2020/1/13
ETSTW-GSM 022	Band Reject Filter	WRCT901.9/903.1-904.25-50/8SS	1	WI	2019/1/14	2020/1/13
ETSTW-GSM 023	Power Divider	4901.19.A	None	SUHNER	2018/9/12	2019/9/11
ETSTW-GSM 024	Radio Communication Analyzer	MT8821C	None	Anritsu	2019/3/5	2020/3/4
ETSTW-GSM 025	Band Reject Filter	BRM19835	001	Micro-Tronics	2018/8/9	2019/8/8
ETSTW-Cable 011	SMA to N type Cable	RGU-400	None	THERMAX	Pre-test Use NCR	
ETSTW-Cable 016	BNC Cable	Switch Box	B Cable 1	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 017	BNC Cable	X Cable	B Cable 2	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 018	BNC Cable	Y Cable	B Cable 3	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 019	BNC Cable	Z Cable	B Cable 4	Schwarz beck	2019/2/21	2020/2/20
ETSTW-Cable 020	N TYPE Cable	OATS Cable 1	N30N30-L335-15M	JYE BAO CO.,LTD.	2018/7/2	2019/7/1
ETSTW-Cable 026	Microwave Cable	SUCOFLEX 104	279075	HUBER+SUHNER	2019/2/25	2020/2/24
ETSTW-Cable 027	Microwave Cable	SUCOFLEX 104	279083	HUBER+SUHNER	2019/5/10	2020/5/9
ETSTW-Cable 028	Microwave Cable	FA147A0015M2020	30064-2	UTIFLEX	2018/9/18	2019/9/17
ETSTW-Cable 029	Microwave Cable	FA147A0015M2020	30064-3	UTIFLEX	2018/9/18	2019/9/17
ETSTW-Cable 030	Microwave Cable	SUCOFLEX 104（S_Cable 9）	279067	HUBER+SUHNER	2019/2/25	2020/2/24
ETSTW-Cable 031	Microwave Cable	SUCOFLEX 104（S_Cable 10）	238092	HUBER+SUHNER	2019/3/15	2020/3/14
ETSTW-Cable 043	Microwave Cable	SUCOFLEX 104	317576	HUBER+SUHNER	2019/3/15	2020/3/14

ETSTW-Cable 048	Microwave Cable	SUCOFLEX 104	325519	HUBER+SUHNER	2019/3/15	2020/3/14
ETSTW-Cable 058	Microwave Cable	SUCOFLEX 104	none	HUBER+SUHNER	2018/6/9	2019/6/8
ETSTW-Cable 064	Microwave Cable	SUCOFLEX 104	MY28891	HUBER+SUHNER	2019/3/15	2020/3/14
ETSTW-Cable 066	SMA type cable	32022	None	ASTROLAB	2019/3/15	2020/3/14
ETSTW-Cable 071	N TYPE CABLE	EMCCFD400-NM-NM-25000	170239	EMCI	2018/6/9	2019/6/8
WTSTW-SW 002	EMI TEST SOFTWARE	EZ_EMC	None	Farad	Version ETS-03A1	
WTSTW-SW 006	EMI TEST SOFTWARE	e3	None	AUDIX	Version 9.161014	
WTSTW-SW 008	Signal studio	Agilent	None	AUDIX	Version 2.0.0.1	

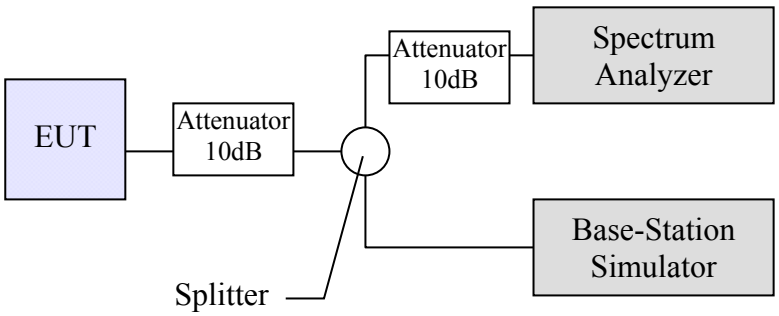
3. RF Power Output

3.1 Test procedure

3.1.1 Conducted Method

Per 47CFR Part 2.1046, the RF power output shall be measured at the RF output terminals and following procedure is employed:

The transmitter output was connected as the following figure:



The whole connection system is calibrated with a standard signal generator. Power on and make a link form simulator to EUT and then set the EUT to maximum output power.
Measure the RF power with the spectrum analyzer in accordance the following settings:

RBW: 300 kHz for Frequency below 1GHz and 1MHz for Frequency equal to and above 1GHz.
VBW: 300 kHz for Frequency below 1GHz and 1MHz for Frequency equal to and above 1GHz.
Span: 2MHz
Sweep: 3s

The power output at the transmitter antenna terminal is then determined by assign the value of the corrected factor to the spectrum analyzer reading.

Tests were performed at three frequencies (low, middle and high channels) and operation mode selected.

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3.2 Test Results

Band 850 MHz MHz & 1900 MHz

GSM 850	POWER(dBm) Low Ch128/824.2MHz	POWER(dBm) Mid Ch188/836.2MHz	POWER(dBm) High Ch251/848.8MHz	ERP Low Ch128/824.2MHz	ERP Mid Ch188/836.2MHz	ERP High Ch251/848.8MHz
	22.47	22.53	22.63	15.61	15.67	15.77
GSM 1900	POWER(dBm) Low Ch512/1850.2MHz	POWER(dBm) Mid Ch661/1880MHz	POWER(dBm) High Ch810/1909.8MHz	EIRP Low Ch512/1850.2MHz	EIRP Mid Ch661/1880MHz	EIRP High Ch810/1909.8MHz
	26.18	25.79	25.72	21.73	21.34	21.27

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Cat M1
Band II

System	Band	Test Item	Ch	Result	E.I.R.P.
LTE-FDD CatM1	2	1.4MHZ;QPSK-1RB@0	18607	24.12	19.67
LTE-FDD CatM1	2	1.4MHZ;QPSK-6RB@0	18607	24.03	19.58
LTE-FDD CatM1	2	1.4MHZ;QPSK-1RB@0	18900	23.49	19.04
LTE-FDD CatM1	2	1.4MHZ;QPSK-6RB@0	18900	23.21	18.76
LTE-FDD CatM1	2	1.4MHZ;QPSK-1RB@0	19193	22.91	18.46
LTE-FDD CatM1	2	1.4MHZ;QPSK-6RB@0	19193	23.24	18.79
LTE-FDD CatM1	2	3MHZ;QPSK-1RB@0	18615	24.06	19.61
LTE-FDD CatM1	2	3MHZ;QPSK-6RB@0	18615	24.12	19.67
LTE-FDD CatM1	2	3MHZ;QPSK-1RB@0	18900	23.74	19.29
LTE-FDD CatM1	2	3MHZ;QPSK-6RB@0	18900	23.95	19.5
LTE-FDD CatM1	2	3MHZ;QPSK-1RB@0	19185	23.29	18.84
LTE-FDD CatM1	2	3MHZ;QPSK-6RB@0	19185	23.34	18.89
LTE-FDD CatM1	2	5MHZ;QPSK-1RB@0	18625	22.67	18.22
LTE-FDD CatM1	2	5MHZ;QPSK-6RB@0	18625	23.81	19.36
LTE-FDD CatM1	2	5MHZ;QPSK-1RB@0	18900	23.55	19.1
LTE-FDD CatM1	2	5MHZ;QPSK-6RB@0	18900	23.22	18.77
LTE-FDD CatM1	2	5MHZ;QPSK-1RB@0	19175	22.28	17.83
LTE-FDD CatM1	2	5MHZ;QPSK-6RB@0	19175	22.81	18.36
LTE-FDD CatM1	2	10MHZ;QPSK-1RB@0	18650	23.29	18.84
LTE-FDD CatM1	2	10MHZ;QPSK-6RB@0	18650	23.14	18.69
LTE-FDD CatM1	2	10MHZ;QPSK-1RB@0	18900	23.53	19.08
LTE-FDD CatM1	2	10MHZ;QPSK-6RB@0	18900	23.46	19.01
LTE-FDD CatM1	2	10MHZ;QPSK-1RB@0	19150	23.03	18.58
LTE-FDD CatM1	2	10MHZ;QPSK-6RB@0	19150	22.94	18.49
LTE-FDD CatM1	2	15MHZ;QPSK-1RB@0	18675	23.46	19.01
LTE-FDD CatM1	2	15MHZ;QPSK-6RB@0	18675	23.78	19.33
LTE-FDD CatM1	2	15MHZ;QPSK-1RB@0	18900	23.70	19.25
LTE-FDD CatM1	2	15MHZ;QPSK-6RB@0	18900	23.69	19.24
LTE-FDD CatM1	2	15MHZ;QPSK-1RB@0	19125	23.28	18.83
LTE-FDD CatM1	2	15MHZ;QPSK-6RB@0	19125	22.96	18.51
LTE-FDD CatM1	2	20MHZ;QPSK-1RB@0	18700	23.37	18.92
LTE-FDD CatM1	2	20MHZ;QPSK-6RB@0	18700	23.39	18.94
LTE-FDD CatM1	2	20MHZ;QPSK-1RB@0	18900	23.67	19.22
LTE-FDD CatM1	2	20MHZ;QPSK-6RB@0	18900	23.66	19.21
LTE-FDD CatM1	2	20MHZ;QPSK-1RB@0	19100	23.16	18.71
LTE-FDD CatM1	2	20MHZ;QPSK-6RB@0	19100	23.02	18.57

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Band IV

System	Band	Test Item	Ch	Result	E.I.R.P.
LTE-FDD CatM1	4	1.4MHZ;QPSK-1RB@0	19957	23.85	23.61
LTE-FDD CatM1	4	1.4MHZ;QPSK-6RB@0	19957	23.96	23.72
LTE-FDD CatM1	4	1.4MHZ;QPSK-1RB@0	20175	23.71	23.47
LTE-FDD CatM1	4	1.4MHZ;QPSK-6RB@0	20175	23.35	23.11
LTE-FDD CatM1	4	1.4MHZ;QPSK-1RB@0	20393	23.04	22.8
LTE-FDD CatM1	4	1.4MHZ;QPSK-6RB@0	20393	23.16	22.92
LTE-FDD CatM1	4	3MHZ;QPSK-1RB@0	19965	24.20	23.96
LTE-FDD CatM1	4	3MHZ;QPSK-6RB@0	19965	24.10	23.86
LTE-FDD CatM1	4	3MHZ;QPSK-1RB@0	20175	23.73	23.49
LTE-FDD CatM1	4	3MHZ;QPSK-6RB@0	20175	23.67	23.43
LTE-FDD CatM1	4	3MHZ;QPSK-1RB@0	20385	23.15	22.91
LTE-FDD CatM1	4	3MHZ;QPSK-6RB@0	20385	23.30	23.06
LTE-FDD CatM1	4	5MHZ;QPSK-1RB@0	19975	23.50	23.26
LTE-FDD CatM1	4	5MHZ;QPSK-6RB@0	19975	23.21	22.97
LTE-FDD CatM1	4	5MHZ;QPSK-1RB@0	20175	22.82	22.58
LTE-FDD CatM1	4	5MHZ;QPSK-6RB@0	20175	22.51	22.27
LTE-FDD CatM1	4	5MHZ;QPSK-1RB@0	20375	22.45	22.21
LTE-FDD CatM1	4	5MHZ;QPSK-6RB@0	20375	22.52	22.28
LTE-FDD CatM1	4	10MHZ;QPSK-1RB@0	20000	23.15	22.91
LTE-FDD CatM1	4	10MHZ;QPSK-6RB@0	20000	23.13	22.89
LTE-FDD CatM1	4	10MHZ;QPSK-1RB@0	20175	23.28	23.04
LTE-FDD CatM1	4	10MHZ;QPSK-6RB@0	20175	23.27	23.03
LTE-FDD CatM1	4	10MHZ;QPSK-1RB@0	20350	23.00	22.76
LTE-FDD CatM1	4	10MHZ;QPSK-6RB@0	20350	22.50	22.26
LTE-FDD CatM1	4	15MHZ;QPSK-1RB@0	20025	23.22	22.98
LTE-FDD CatM1	4	15MHZ;QPSK-6RB@0	20025	23.15	22.91
LTE-FDD CatM1	4	15MHZ;QPSK-1RB@0	20175	23.27	23.03
LTE-FDD CatM1	4	15MHZ;QPSK-6RB@0	20175	23.46	23.22
LTE-FDD CatM1	4	15MHZ;QPSK-1RB@0	20325	22.88	22.64
LTE-FDD CatM1	4	15MHZ;QPSK-6RB@0	20325	22.47	22.23
LTE-FDD CatM1	4	20MHZ;QPSK-1RB@0	20050	23.41	23.17
LTE-FDD CatM1	4	20MHZ;QPSK-6RB@0	20050	23.09	22.85
LTE-FDD CatM1	4	20MHZ;QPSK-1RB@0	20175	23.43	23.19
LTE-FDD CatM1	4	20MHZ;QPSK-6RB@0	20175	23.42	23.18
LTE-FDD CatM1	4	20MHZ;QPSK-1RB@0	20300	22.91	22.67
LTE-FDD CatM1	4	20MHZ;QPSK-6RB@0	20300	22.31	22.07

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Band XII

System	Band	Test Item	Ch	Result	E.I.R.P.
LTE-FDD CatM1	12	1.4MHZ;QPSK-1RB@0	23017	23.30	18.21
LTE-FDD CatM1	12	1.4MHZ;QPSK-6RB@0	23017	23.12	18.03
LTE-FDD CatM1	12	1.4MHZ;QPSK-1RB@0	23095	23.58	18.49
LTE-FDD CatM1	12	1.4MHZ;QPSK-6RB@0	23095	23.45	18.36
LTE-FDD CatM1	12	1.4MHZ;QPSK-1RB@0	23173	23.32	18.23
LTE-FDD CatM1	12	1.4MHZ;QPSK-6RB@0	23173	23.41	18.32
LTE-FDD CatM1	12	3MHZ;QPSK-1RB@0	23025	23.47	18.38
LTE-FDD CatM1	12	3MHZ;QPSK-6RB@0	23025	23.31	18.22
LTE-FDD CatM1	12	3MHZ;QPSK-1RB@0	23095	23.75	18.66
LTE-FDD CatM1	12	3MHZ;QPSK-6RB@0	23095	23.65	18.56
LTE-FDD CatM1	12	3MHZ;QPSK-1RB@0	23165	23.40	18.31
LTE-FDD CatM1	12	3MHZ;QPSK-6RB@0	23165	23.46	18.37
LTE-FDD CatM1	12	5MHZ;QPSK-1RB@0	23035	22.61	17.52
LTE-FDD CatM1	12	5MHZ;QPSK-6RB@0	23035	22.59	17.5
LTE-FDD CatM1	12	5MHZ;QPSK-1RB@0	23095	23.23	18.14
LTE-FDD CatM1	12	5MHZ;QPSK-6RB@0	23095	23.06	17.97
LTE-FDD CatM1	12	5MHZ;QPSK-1RB@0	23155	22.57	17.48
LTE-FDD CatM1	12	5MHZ;QPSK-6RB@0	23155	22.57	17.48
LTE-FDD CatM1	12	10MHZ;QPSK-1RB@0	23060	22.70	17.61
LTE-FDD CatM1	12	10MHZ;QPSK-6RB@0	23060	22.75	17.66
LTE-FDD CatM1	12	10MHZ;QPSK-1RB@0	23095	23.07	17.98
LTE-FDD CatM1	12	10MHZ;QPSK-6RB@0	23095	23.06	17.97
LTE-FDD CatM1	12	10MHZ;QPSK-1RB@0	23130	23.11	18.02
LTE-FDD CatM1	12	10MHZ;QPSK-6RB@0	23130	22.55	17.46

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Cat NB1
Band II

System	Band	Test Item	Ch	Result	E.I.R.P.
LTE-FDD NB1	2	BPSK-1@0;Space=3.75KHZ	18601	22.29	17.84
LTE-FDD NB1	2	BPSK-1@47;Space=3.75KHZ	18601	22.42	17.97
LTE-FDD NB1	2	BPSK-1@0;Space=3.75KHZ	18900	23.00	18.55
LTE-FDD NB1	2	BPSK-1@47;Space=3.75KHZ	18900	22.96	18.51
LTE-FDD NB1	2	BPSK-1@0;Space=3.75KHZ	19199	22.67	18.22
LTE-FDD NB1	2	BPSK-1@47;Space=3.75KHZ	19199	22.71	18.26
LTE-FDD NB1	2	QPSK-1@0;Space=15KHZ	18601	22.48	18.03
LTE-FDD NB1	2	QPSK-1@11;Space=15KHZ	18601	22.85	18.4
LTE-FDD NB1	2	QPSK-1@0;Space=15KHZ	18900	22.74	18.29
LTE-FDD NB1	2	QPSK-1@11;Space=15KHZ	18900	22.99	18.54
LTE-FDD NB1	2	QPSK-1@0;Space=15KHZ	19199	22.95	18.5
LTE-FDD NB1	2	QPSK-1@11;Space=15KHZ	19199	23.06	18.61
LTE-FDD NB1	2	QPSK-3@3;Space=15KHZ	18601	23.70	19.25
LTE-FDD NB1	2	QPSK-3@3;Space=15KHZ	18900	23.97	19.52
LTE-FDD NB1	2	QPSK-3@3;Space=15KHZ	19199	24.06	19.61

Band IV

System	Band	Test Item	Ch	Result	E.I.R.P.
LTE-FDD NB1	4	BPSK-1@0;Space=3.75KHZ	19951	22.41	22.17
LTE-FDD NB1	4	BPSK-1@47;Space=3.75KHZ	19951	22.51	22.27
LTE-FDD NB1	4	BPSK-1@0;Space=3.75KHZ	20175	22.23	21.99
LTE-FDD NB1	4	BPSK-1@47;Space=3.75KHZ	20175	22.18	21.94
LTE-FDD NB1	4	BPSK-1@0;Space=3.75KHZ	20399	22.36	22.12
LTE-FDD NB1	4	BPSK-1@47;Space=3.75KHZ	20399	22.14	21.9
LTE-FDD NB1	4	QPSK-1@0;Space=15KHZ	19951	22.14	21.9
LTE-FDD NB1	4	QPSK-1@11;Space=15KHZ	19951	21.98	21.74
LTE-FDD NB1	4	QPSK-1@0;Space=15KHZ	20175	22.03	21.79
LTE-FDD NB1	4	QPSK-1@11;Space=15KHZ	20175	22.04	21.8
LTE-FDD NB1	4	QPSK-1@0;Space=15KHZ	20399	22.32	22.08
LTE-FDD NB1	4	QPSK-1@11;Space=15KHZ	20399	22.52	22.28
LTE-FDD NB1	4	QPSK-3@3;Space=15KHZ	19951	23.41	23.17
LTE-FDD NB1	4	QPSK-3@3;Space=15KHZ	20175	22.92	22.68
LTE-FDD NB1	4	QPSK-3@3;Space=15KHZ	20399	23.02	22.78

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Band XII

System	Band	Test Item	Ch	Result	E.I.R.P.
LTE-FDD NB1	12	BPSK-1@0;Space=3.75KHZ	23011	21.74	16.65
LTE-FDD NB1	12	BPSK-1@47;Space=3.75KHZ	23011	21.71	16.62
LTE-FDD NB1	12	BPSK-1@0;Space=3.75KHZ	23095	21.60	16.51
LTE-FDD NB1	12	BPSK-1@47;Space=3.75KHZ	23095	21.49	16.4
LTE-FDD NB1	12	BPSK-1@0;Space=3.75KHZ	23179	21.62	16.53
LTE-FDD NB1	12	BPSK-1@47;Space=3.75KHZ	23179	21.58	16.49
LTE-FDD NB1	12	QPSK-1@0;Space=15KHZ	23011	21.74	16.65
LTE-FDD NB1	12	QPSK-1@11;Space=15KHZ	23011	21.82	16.73
LTE-FDD NB1	12	QPSK-1@0;Space=15KHZ	23095	21.70	16.61
LTE-FDD NB1	12	QPSK-1@11;Space=15KHZ	23095	21.53	16.44
LTE-FDD NB1	12	QPSK-1@0;Space=15KHZ	23179	21.60	16.51
LTE-FDD NB1	12	QPSK-1@11;Space=15KHZ	23179	21.58	16.49
LTE-FDD NB1	12	QPSK-3@3;Space=15KHZ	23011	22.22	17.13
LTE-FDD NB1	12	QPSK-3@3;Space=15KHZ	23095	22.18	17.09
LTE-FDD NB1	12	QPSK-3@3;Space=15KHZ	23179	21.92	16.83

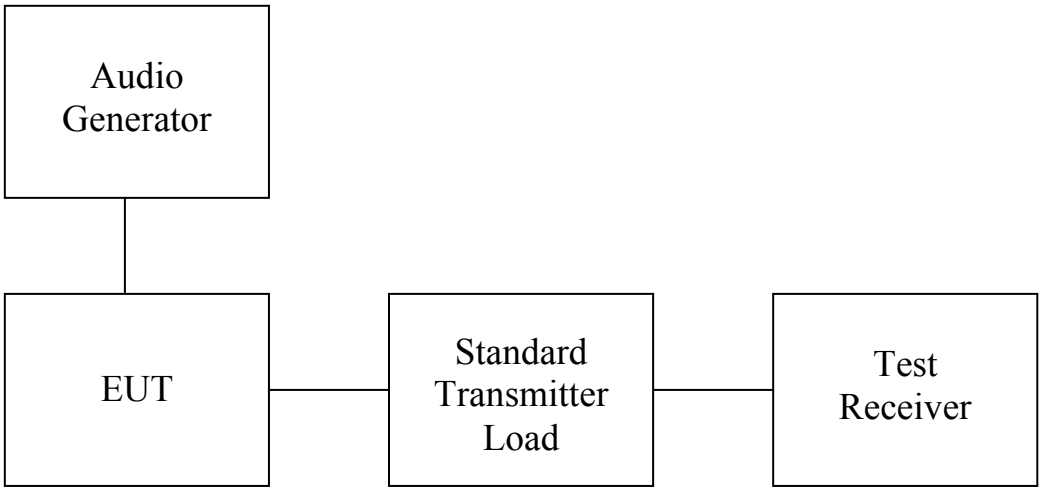
Test equipment: ETSTW-GSM 002, ETSTW-GSM 024

4. Modulation Characteristics

4.1 Test procedure

☐ A curve or equivalent data showing the frequency response of the audio modulating circuit over a range of 100 to 5000 Hz shall be submitted.
The audio signal generator is connected to the audio input of the EUT with its full rating. The modulation response is measured at certain modulation frequencies, related to 1000Hz reference signal. Tests are performed for positive and negative modulation.

☐ Equipment which employs modulation Limiting: A curve or family of curves showing the percentage of modulation versus the modulation input voltage shall be supplied. The audio signal generator is connected to the audio input of the EUT with its full rating. The modulation limiting is measured at certain modulation frequencies from 100Hz to 15kHz.



4.2 Test Results

For digital modulation employed, this test item is not applicable.

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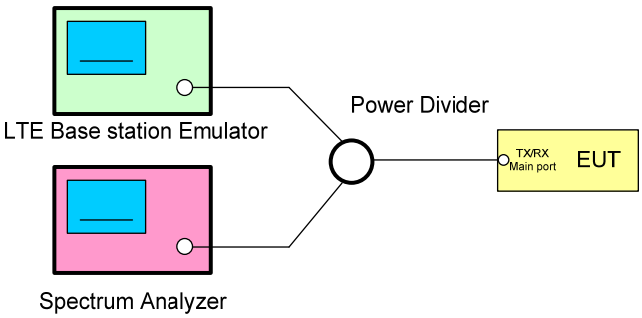
5. Peak–to–Average Ratio

The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time or other Commission approved procedure. The measurement must be performed using a signal corresponding to the highest PAPR expected during periods of continuous transmission.

5.1 Test procedure

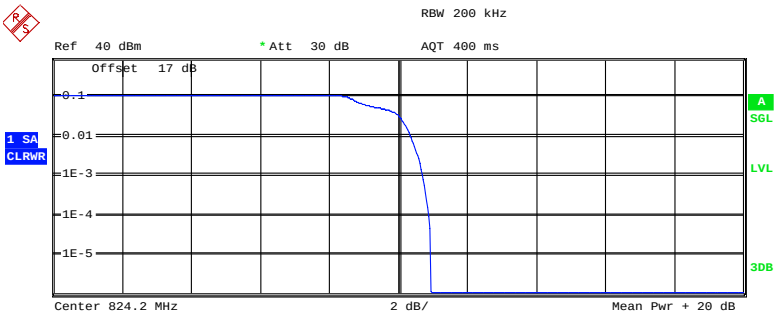
1. The EUT main port was connected to the LTE emulator and spectrum analyzer via power divider
2. For Spectrum Analyzer setting :
3. Set the CCDF function in spectrum analyzer.
4. Set RBW ≥ signal's occupied bandwidth.
5. Set the number of counts to a value that stabilizes the measured CCDF curve.
6. Set the measurement interval (sweep time) to 1ms.
7. The highest RF powers were measured and recorded the maximum PAPR level associated with a probability of 0.1%
8. Record the deviation as Peak to Average Ratio.

5.2 Test Set up



5.3 Test Results

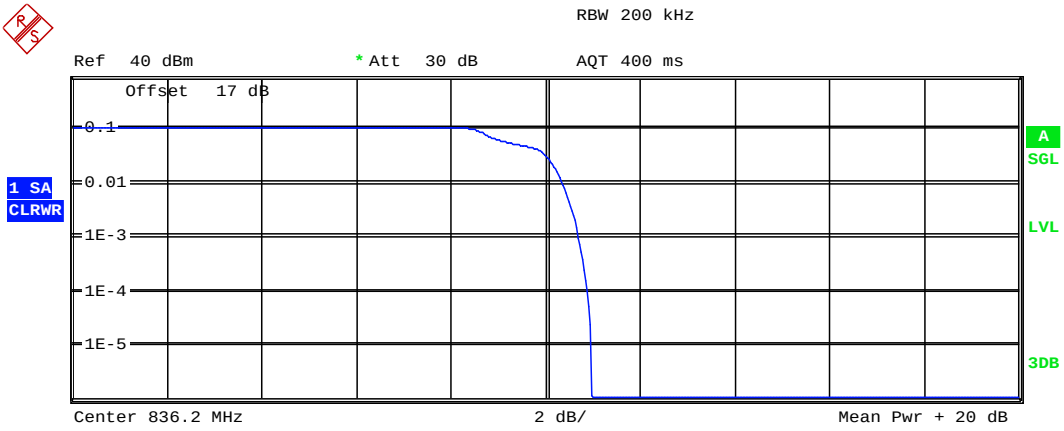
GSM
Band 850 MHz



Complementary Cumulative Distribution Function (100000 samples)

	Trace 1
Mean	12.75 dBm
Peak	23.70 dBm
Crest	10.94 dB
10 %	8.56 dB
1 %	10.35 dB
.1 %	10.71 dB
.01 %	10.90 dB

Peak To Average Ratio CH128
Date: 6.MAY.2019 15:34:31

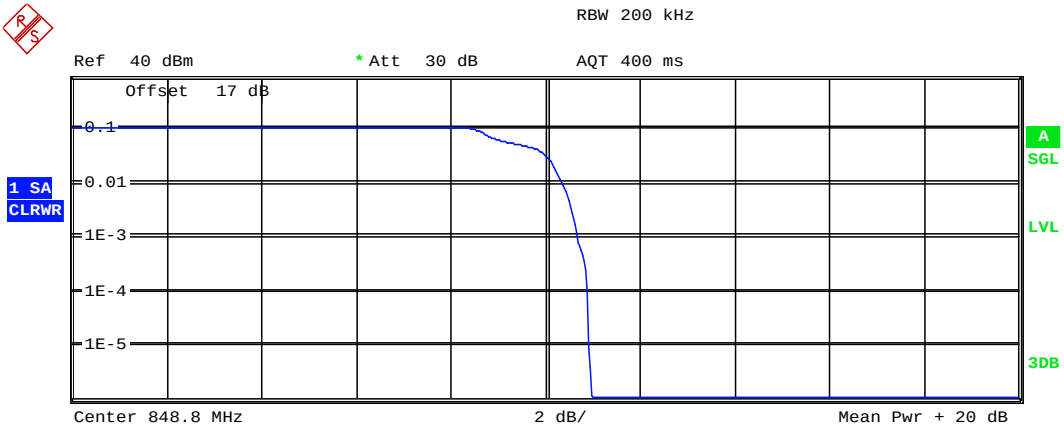


Complementary Cumulative Distribution Function (100000 samples)

	Trace 1
Mean	13.08 dBm
Peak	24.05 dBm
Crest	10.97 dB
10 %	8.56 dB
1 %	10.35 dB
.1 %	10.71 dB
.01 %	10.90 dB

Peak To Average Ratio CH188

Date: 6.MAY.2019 15:34:58



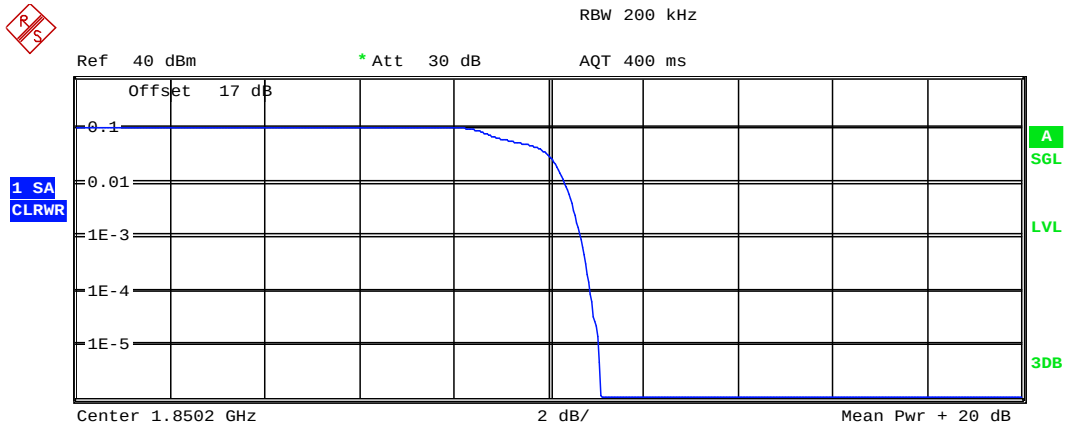
Complementary Cumulative Distribution Function (100000 samples)

	Trace 1
Mean	12.94 dBm
Peak	23.91 dBm
Crest	10.97 dB
10 %	8.56 dB
1 %	10.35 dB
.1 %	10.67 dB
.01 %	10.90 dB

Peak To Average Ratio CH251

Date: 6.MAY.2019 15:35:20

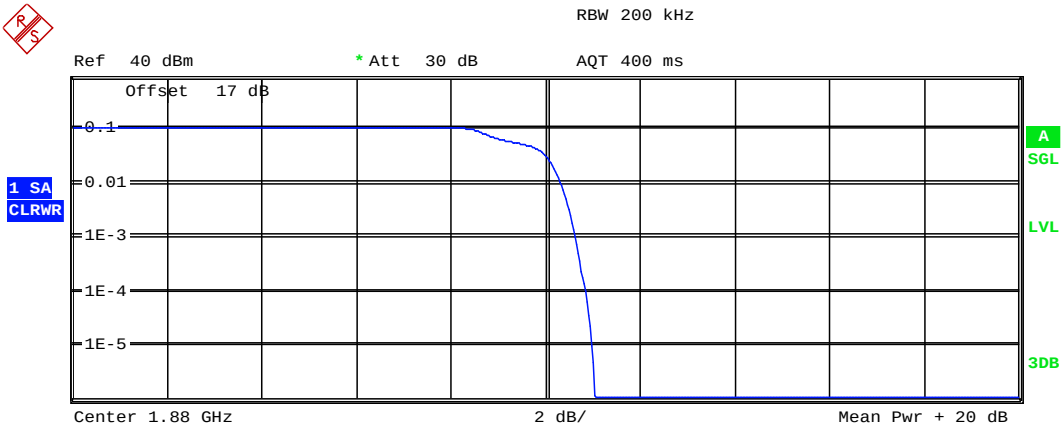
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band 1900 MHz



Complementary Cumulative Distribution Function (100000 samples)

	Trace 1
Mean	7.32 dBm
Peak	18.41 dBm
Crest	11.09 dB
10 %	8.46 dB
1 %	10.35 dB
.1 %	10.67 dB
.01 %	10.90 dB

Peak To Average Ratio CH512
Date: 6.MAY.2019 15:33:26

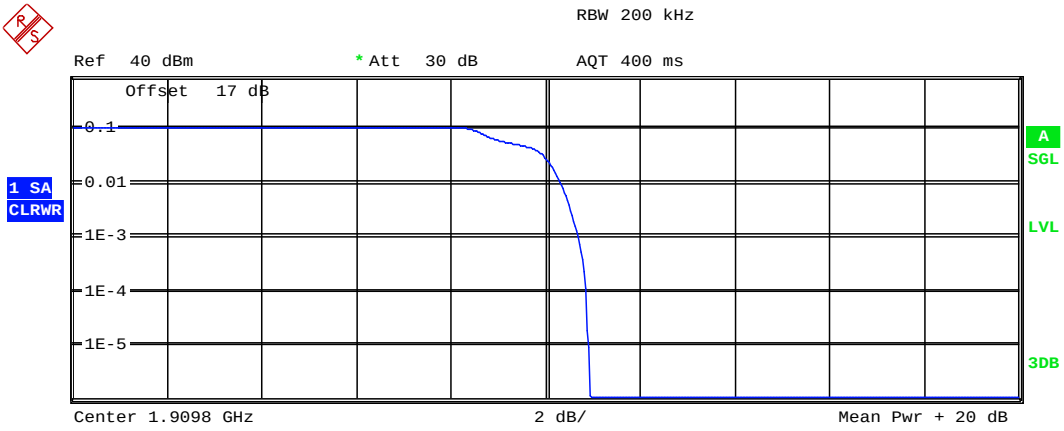


Complementary Cumulative Distribution Function (100000 samples)

	Trace 1
Mean	7.72 dBm
Peak	18.76 dBm
Crest	11.04 dB
10 %	8.53 dB
1 %	10.32 dB
.1 %	10.64 dB
.01 %	10.87 dB

Peak To Average Ratio CH661

Date: 6.MAY.2019 15:32:59



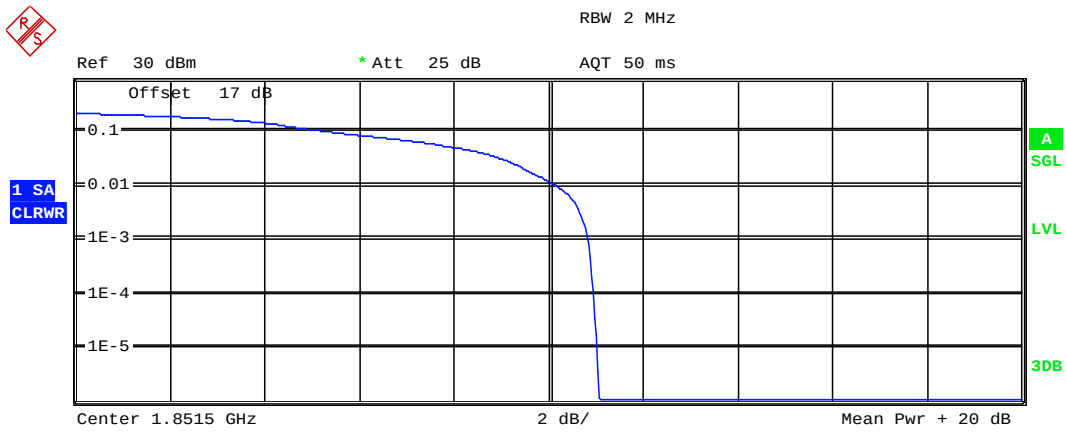
Complementary Cumulative Distribution Function (100000 samples)

	Trace 1
Mean	7.67 dBm
Peak	18.62 dBm
Crest	10.94 dB
10 %	8.49 dB
1 %	10.32 dB
.1 %	10.71 dB
.01 %	10.87 dB

Peak To Average Ratio CH810

Date: 6.MAY.2019 15:32:18

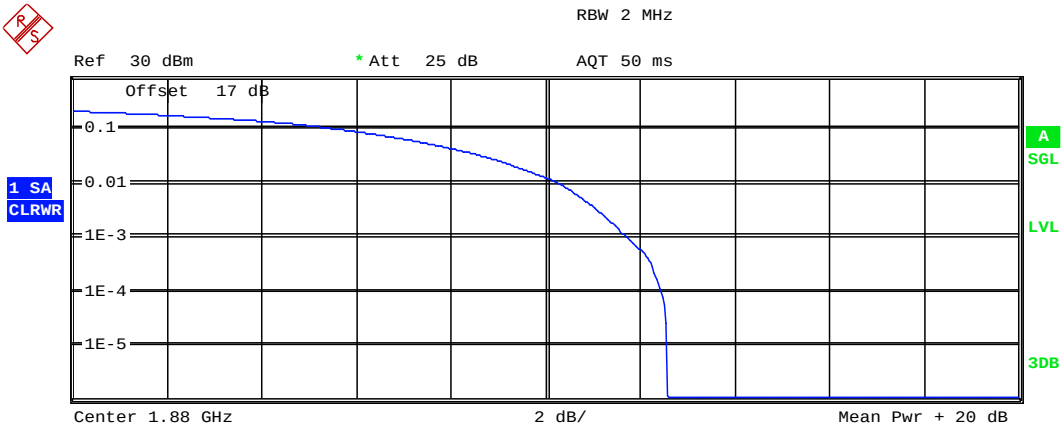
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Cat M1
Band II
3M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.97 dBm
Peak	28.02 dBm
Crest	11.05 dB
10 %	5.51 dB
1 %	10.19 dB
.1 %	10.83 dB
.01 %	10.96 dB

Peak To Average Ratio BAND2_QPSK_3MHz_CH18615 FRB
Date: 18.APR.2019 17:43:49

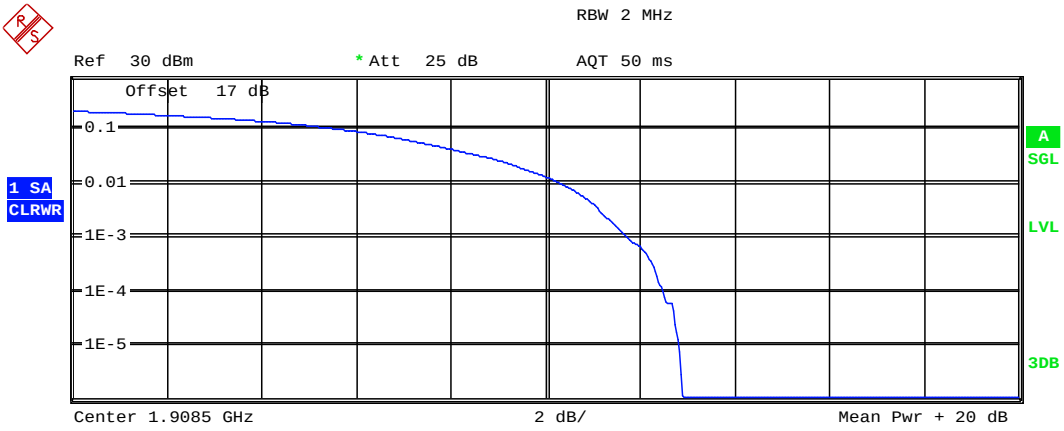


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.13 dBm
Peak	24.70 dBm
Crest	12.57 dB
10 %	5.83 dB
1 %	10.29 dB
.1 %	11.73 dB
.01 %	12.47 dB

Peak To Average Ratio BAND2_QPSK_3MHz_CH18900 FRB

Date: 18.APR.2019 17:45:27



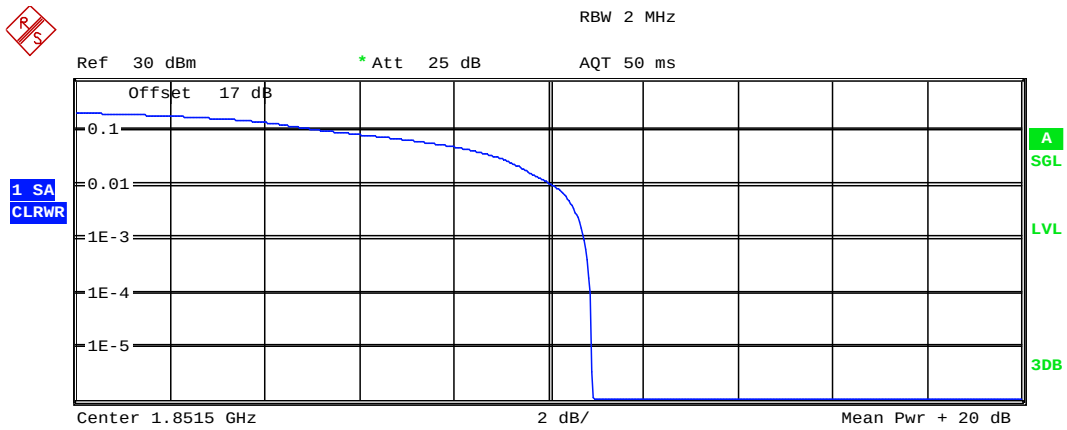
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	11.18 dBm
Peak	24.06 dBm
Crest	12.88 dB
10 %	5.83 dB
1 %	10.35 dB
.1 %	11.73 dB
.01 %	12.50 dB

Peak To Average Ratio BAND2_QPSK_3MHz_CH19185 FRB

Date: 18.APR.2019 17:46:34

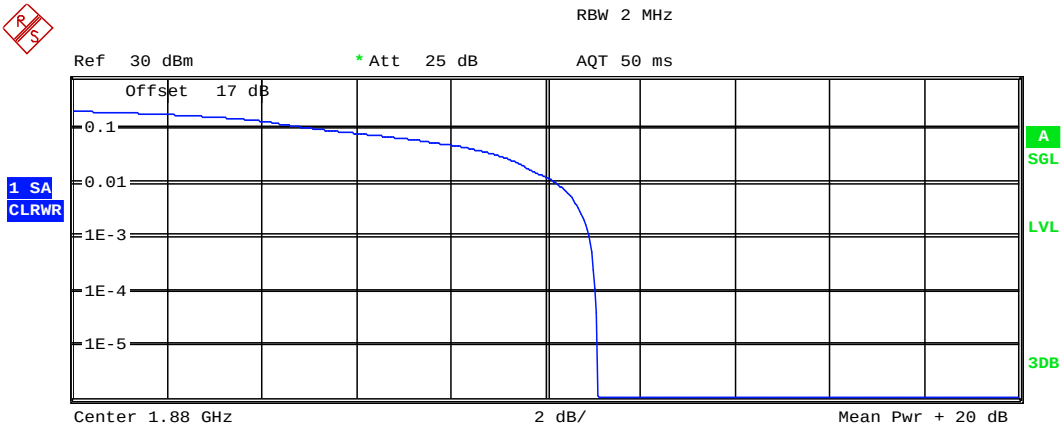
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	17.10 dBm
Peak	28.02 dBm
Crest	10.91 dB
10 %	5.61 dB
1 %	10.10 dB
.1 %	10.77 dB
.01 %	10.90 dB

Peak To Average Ratio BAND2_QPSK_3MHz_CH18615 1RB0
Date: 18.APR.2019 17:44:17

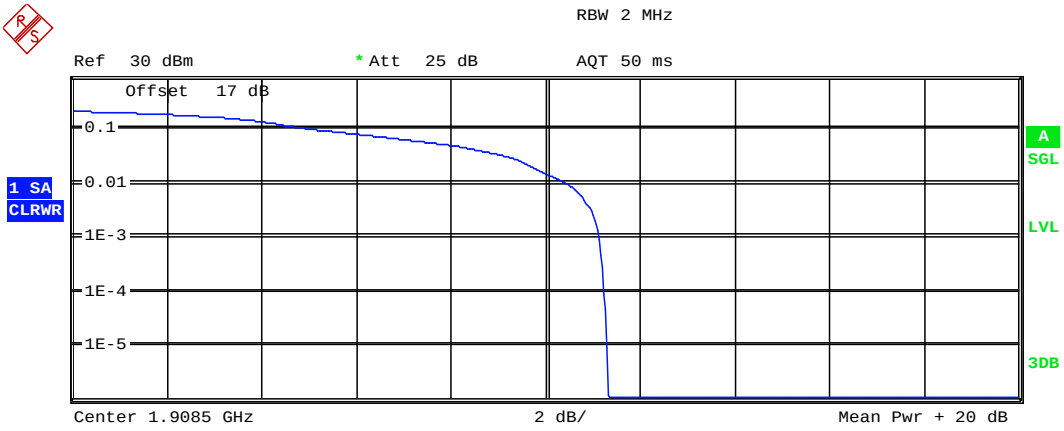


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.71 dBm
Peak	27.80 dBm
Crest	11.09 dB
10 %	5.45 dB
1 %	10.22 dB
.1 %	10.93 dB
.01 %	11.06 dB

Peak To Average Ratio BAND2_QPSK_3MHz_CH18900 1RB0

Date: 18.APR.2019 17:44:54



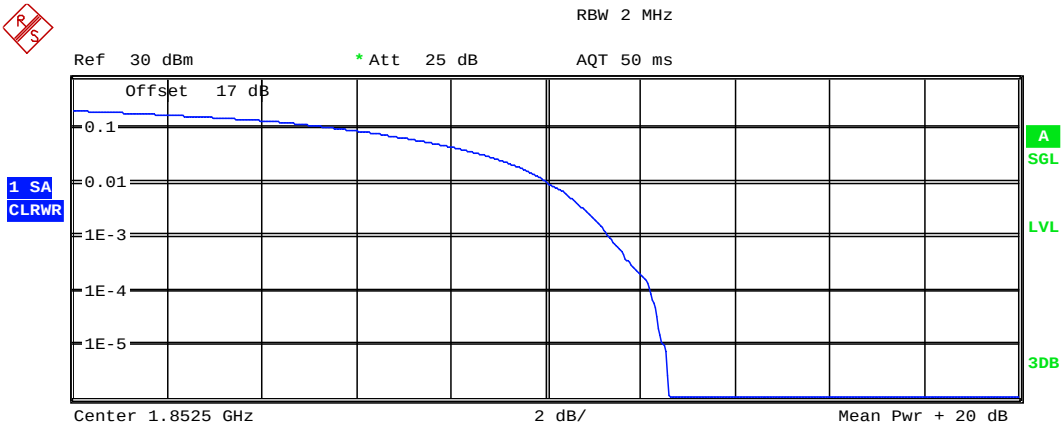
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.01 dBm
Peak	27.31 dBm
Crest	11.30 dB
10 %	5.32 dB
1 %	10.45 dB
.1 %	11.15 dB
.01 %	11.25 dB

Peak To Average Ratio BAND2_QPSK_3MHz_CH19185 1RB0

Date: 18.APR.2019 17:47:03

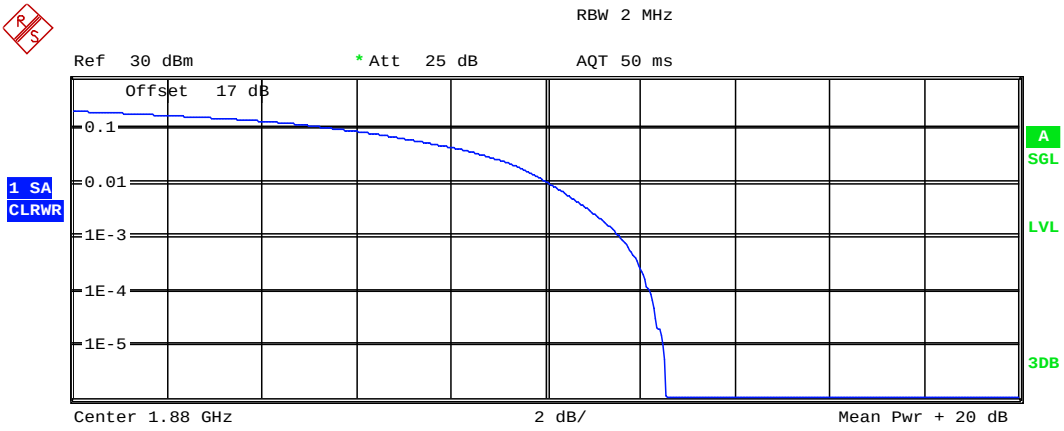
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.59 dBm
Peak	26.18 dBm
Crest	12.59 dB
10 %	5.87 dB
1 %	10.06 dB
.1 %	11.35 dB
.01 %	12.21 dB

Peak To Average Ratio BAND2_QPSK_5MHz_CH18625 FRB
Date: 18.APR.2019 17:34:40

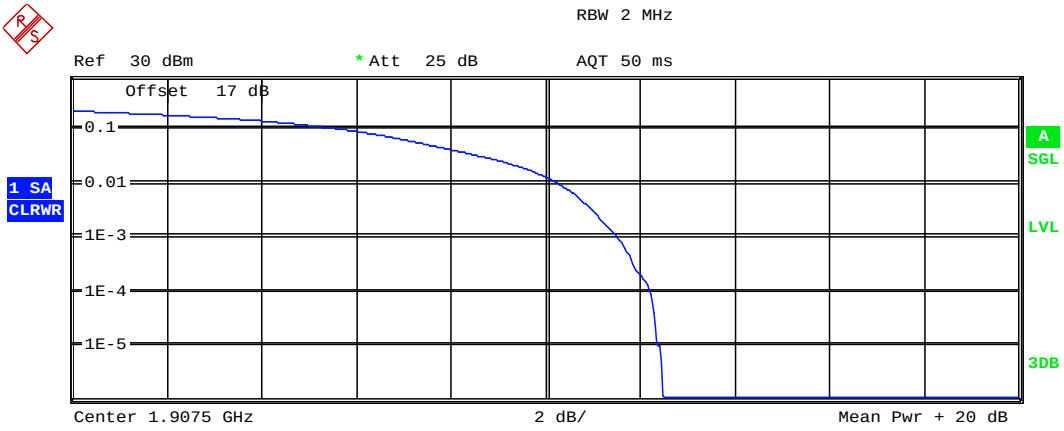


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.28 dBm
Peak	25.83 dBm
Crest	12.55 dB
10 %	5.87 dB
1 %	10.10 dB
.1 %	11.60 dB
.01 %	12.21 dB

Peak To Average Ratio BAND2_QPSK_5MHz_CH18900 FRB

Date: 18.APR.2019 17:33:47



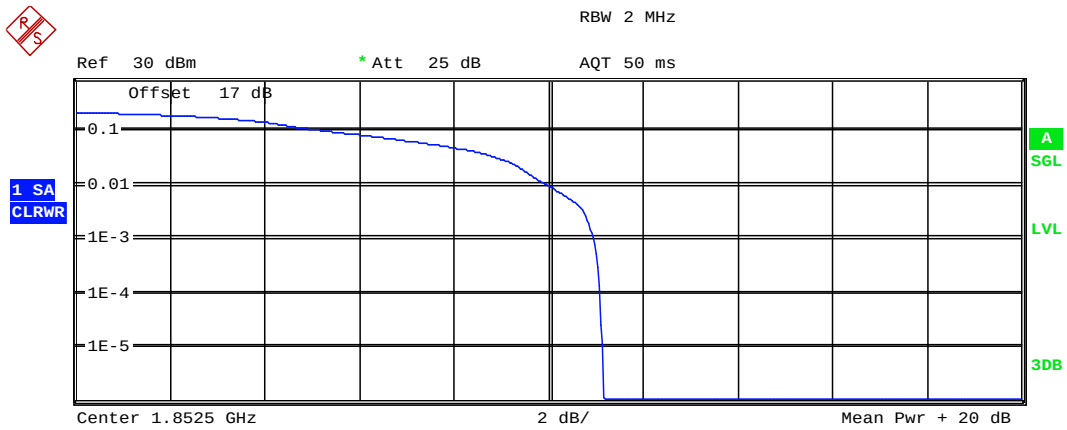
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.22 dBm
Peak	24.70 dBm
Crest	12.48 dB
10 %	5.90 dB
1 %	10.29 dB
.1 %	11.54 dB
.01 %	12.21 dB

Peak To Average Ratio BAND2_QPSK_5MHz_CH19175 FRB

Date: 18.APR.2019 17:31:50

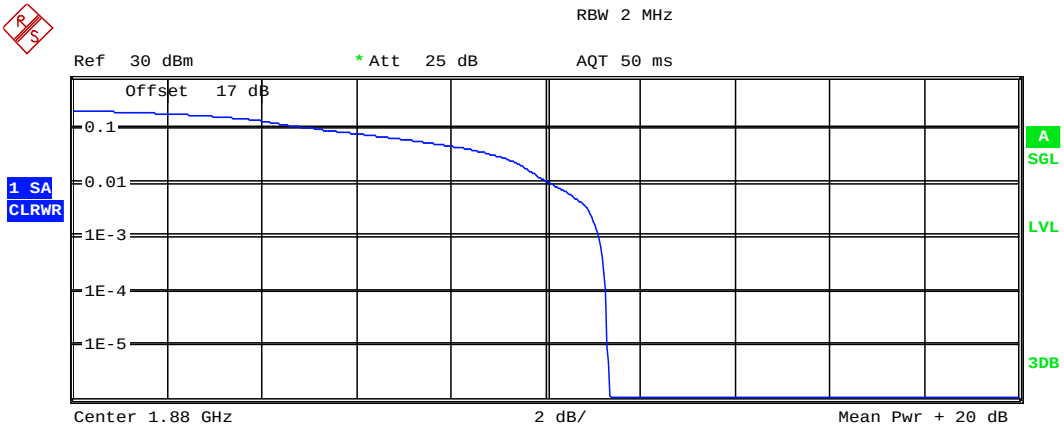
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.78 dBm
Peak	27.94 dBm
Crest	11.16 dB
10 %	5.51 dB
1 %	10.00 dB
.1 %	10.96 dB
.01 %	11.09 dB

Peak To Average Ratio BAND2_QPSK_5MHz_CH18625 1RB0
Date: 18.APR.2019 17:35:04

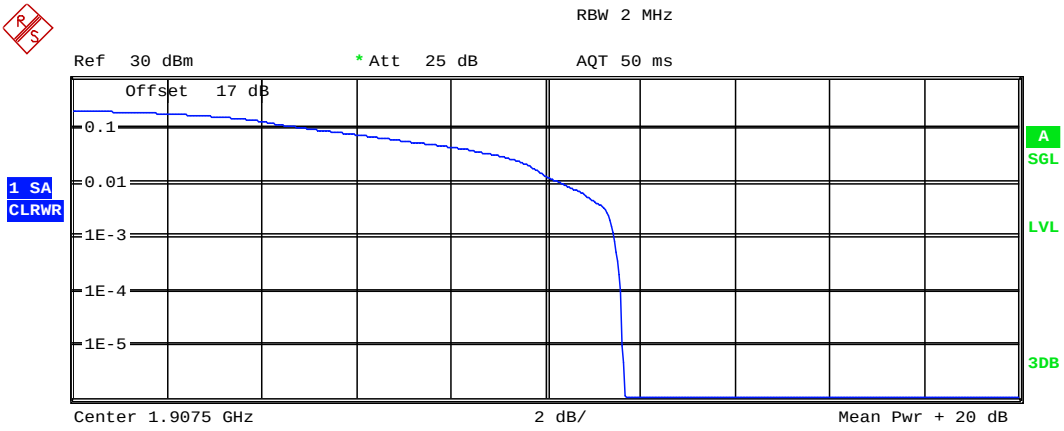


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.30 dBm
Peak	27.66 dBm
Crest	11.36 dB
10 %	5.38 dB
1 %	10.13 dB
.1 %	11.15 dB
.01 %	11.28 dB

Peak To Average Ratio BAND2_QPSK_5MHz_CH18900 1RB0

Date: 18.APR.2019 17:33:08



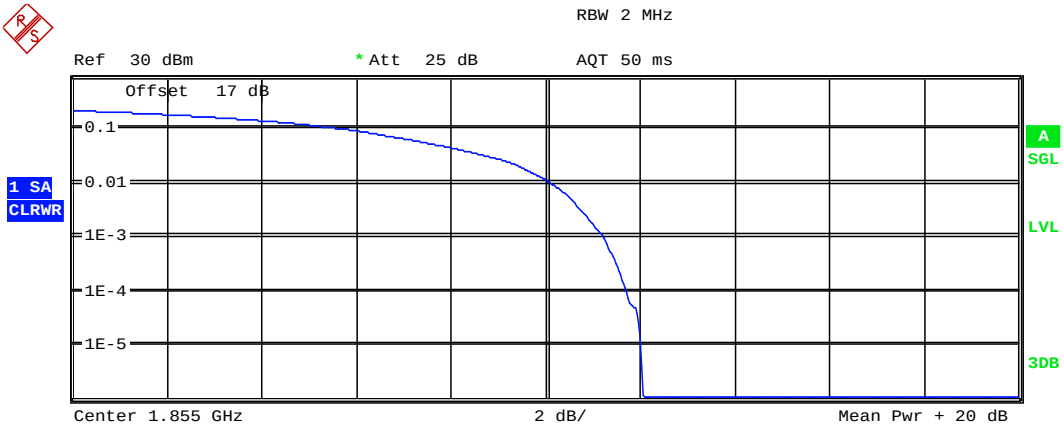
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.42 dBm
Peak	27.10 dBm
Crest	11.68 dB
10 %	5.29 dB
1 %	10.38 dB
.1 %	11.47 dB
.01 %	11.60 dB

Peak To Average Ratio BAND2_QPSK_5MHz_CH19175 1RB0

Date: 18.APR.2019 17:32:26

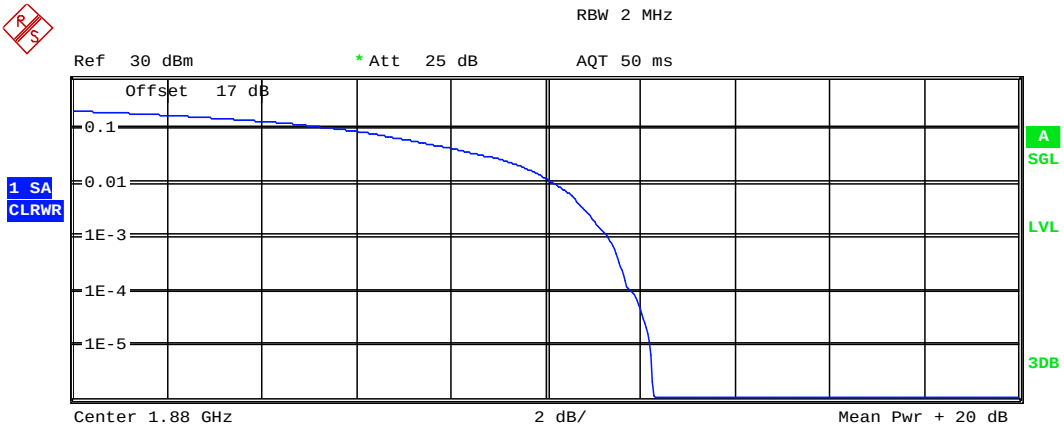
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.28 dBm
Peak	26.32 dBm
Crest	12.04 dB
10 %	5.93 dB
1 %	10.13 dB
.1 %	11.25 dB
.01 %	11.70 dB

Peak To Average Ratio BAND2_QPSK_10MHz_CH18650 FRB
Date: 18.APR.2019 17:17:39

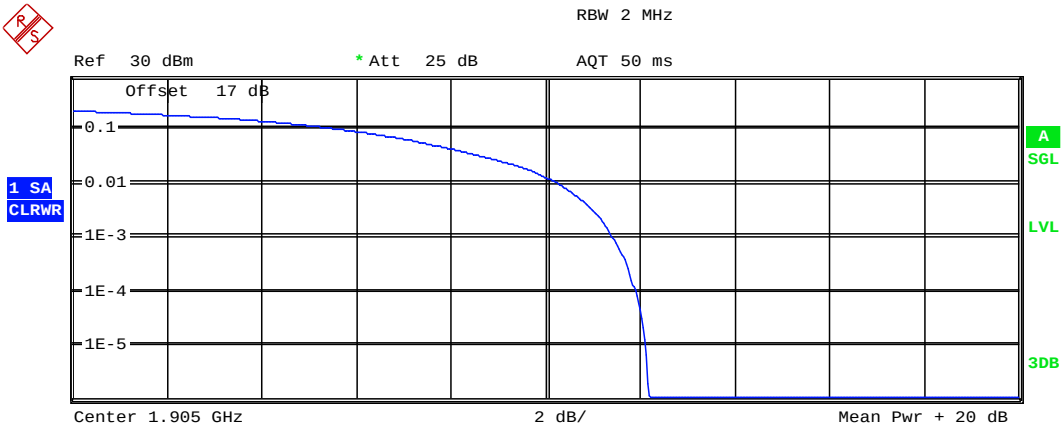


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.77 dBm
Peak	26.04 dBm
Crest	12.27 dB
10 %	5.90 dB
1 %	10.19 dB
.1 %	11.31 dB
.01 %	11.79 dB

Peak To Average Ratio BAND2_QPSK_10MHz_CH18900 FRB

Date: 18.APR.2019 17:16:07



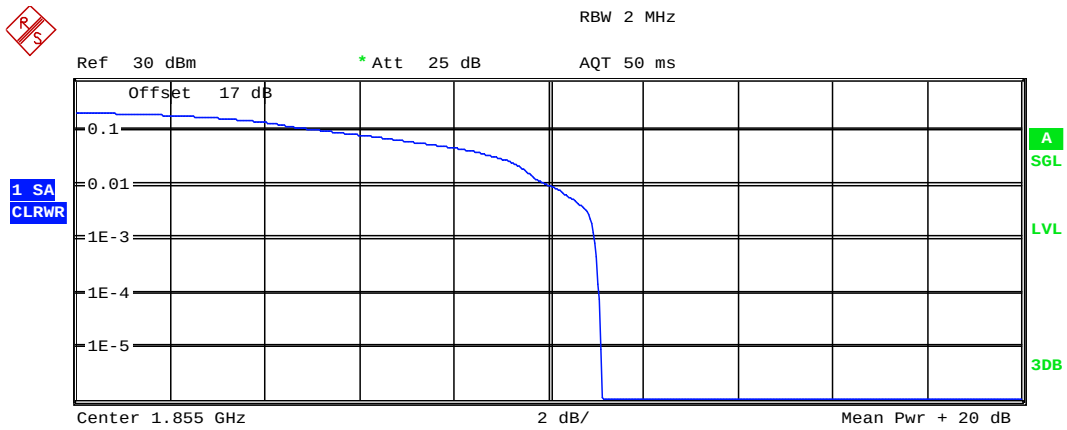
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.95 dBm
Peak	25.12 dBm
Crest	12.17 dB
10 %	5.83 dB
1 %	10.29 dB
.1 %	11.41 dB
.01 %	11.92 dB

Peak To Average Ratio BAND2_QPSK_10MHz_CH19150 FRB

Date: 18.APR.2019 17:13:30

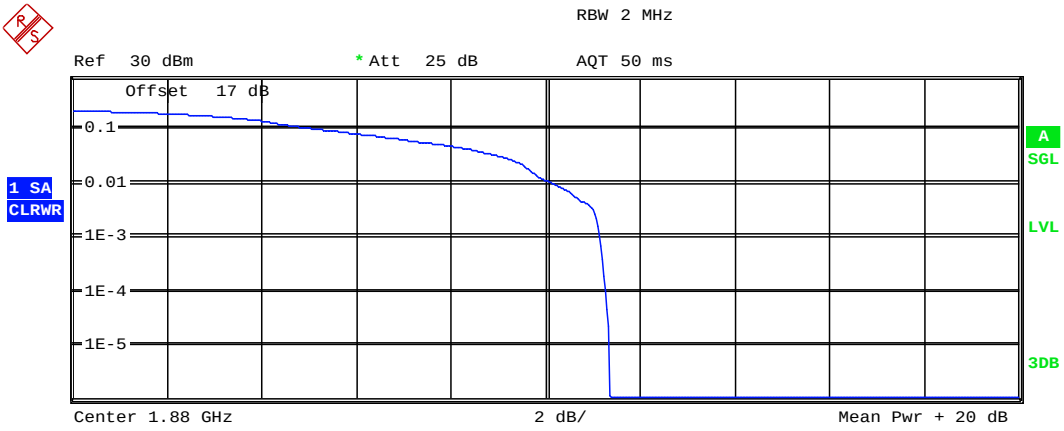
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.70 dBm
Peak	27.80 dBm
Crest	11.11 dB
10 %	5.51 dB
1 %	10.03 dB
.1 %	10.99 dB
.01 %	11.09 dB

Peak To Average Ratio BAND2_QPSK_10MHz_CH18650 1RB0
Date: 18.APR.2019 17:18:25

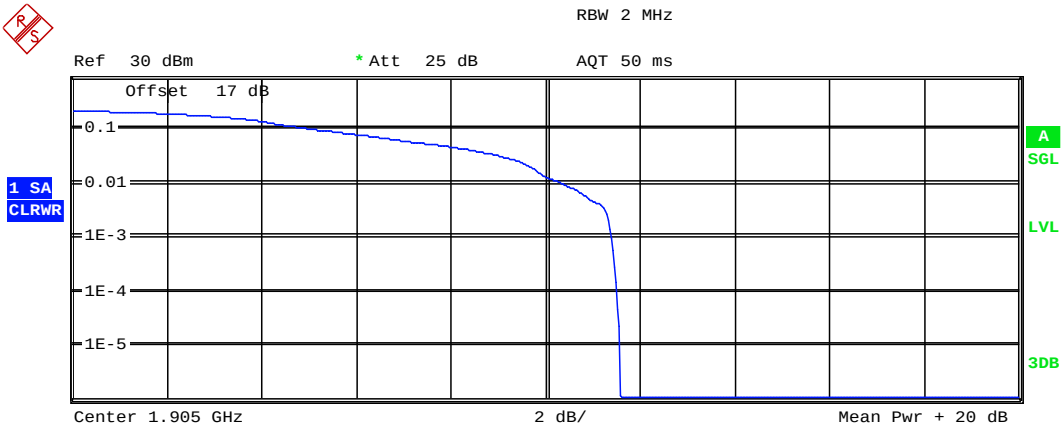


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.30 dBm
Peak	27.66 dBm
Crest	11.36 dB
10 %	5.42 dB
1 %	10.16 dB
.1 %	11.15 dB
.01 %	11.28 dB

Peak To Average Ratio BAND2_QPSK_10MHz_CH18900 1RB0

Date: 18.APR.2019 17:15:33



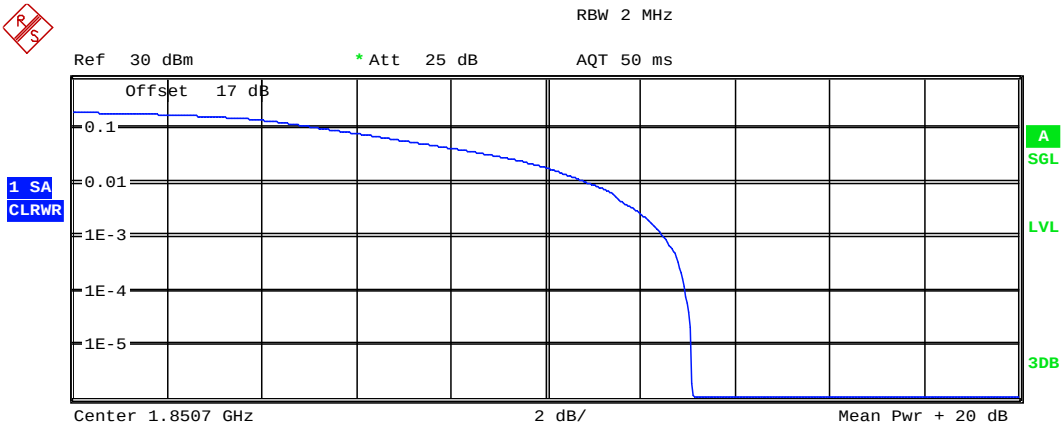
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.59 dBm
Peak	27.17 dBm
Crest	11.58 dB
10 %	5.32 dB
1 %	10.35 dB
.1 %	11.41 dB
.01 %	11.51 dB

Peak To Average Ratio BAND2_QPSK_10MHz_CH19150 1RB0

Date: 18.APR.2019 17:14:34

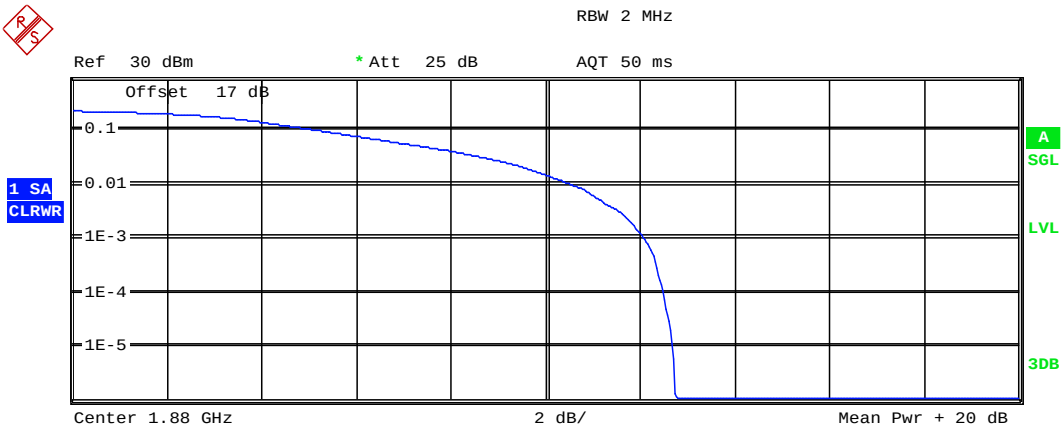
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
14M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.87 dBm
Peak	26.96 dBm
Crest	13.09 dB
10 %	5.51 dB
1 %	10.96 dB
.1 %	12.50 dB
.01 %	12.95 dB

Peak To Average Ratio BAND2_QPSK_1.4MHz_CH18607 FRB
Date: 18.APR.2019 17:52:38

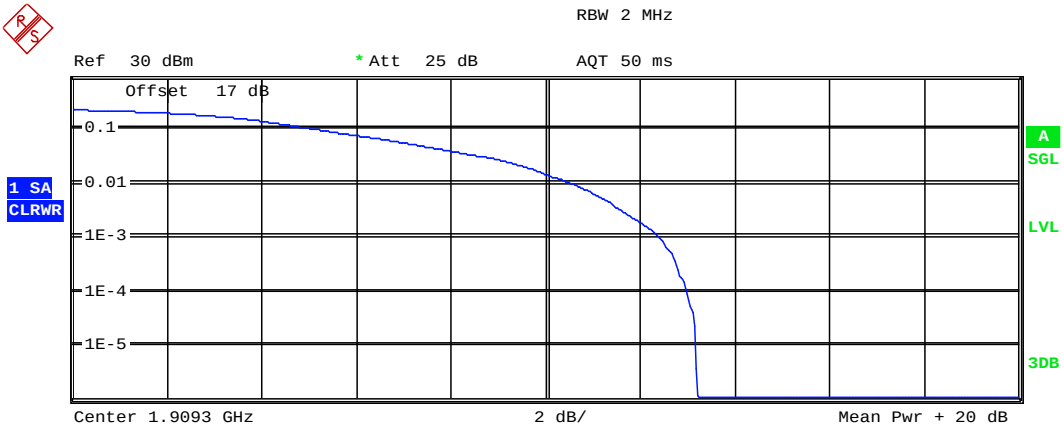


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.93 dBm
Peak	26.67 dBm
Crest	12.74 dB
10 %	5.32 dB
1 %	10.58 dB
.1 %	12.08 dB
.01 %	12.50 dB

Peak To Average Ratio BAND2_QPSK_1.4MHz_CH18900 FRB

Date: 18.APR.2019 17:50:50



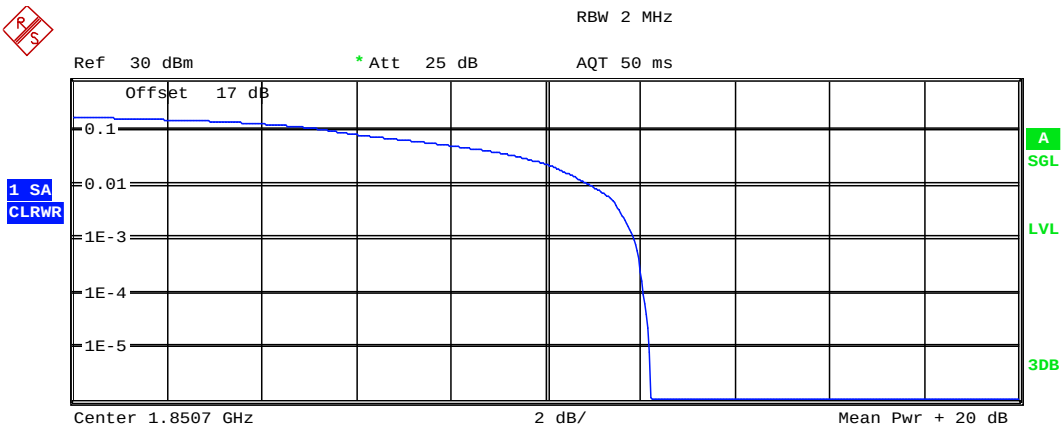
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.34 dBm
Peak	26.53 dBm
Crest	13.19 dB
10 %	5.29 dB
1 %	10.58 dB
.1 %	12.40 dB
.01 %	12.98 dB

Peak To Average Ratio BAND2_QPSK_1.4MHz_CH19193 FRB

Date: 18.APR.2019 17:49:52

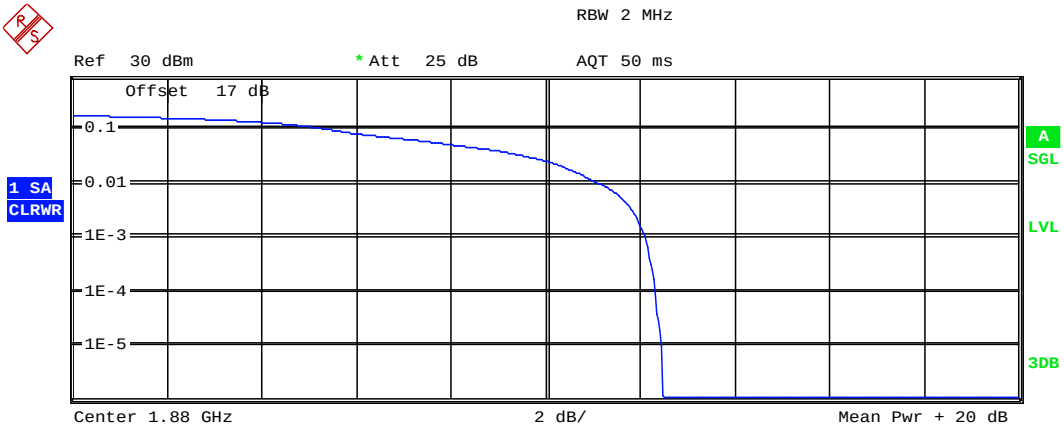
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.45 dBm
Peak	27.66 dBm
Crest	12.21 dB
10 %	5.67 dB
1 %	10.96 dB
.1 %	11.89 dB
.01 %	12.08 dB

Peak To Average Ratio BAND2_QPSK_1.4MHz_CH18607 1RB0
Date: 18.APR.2019 17:52:09

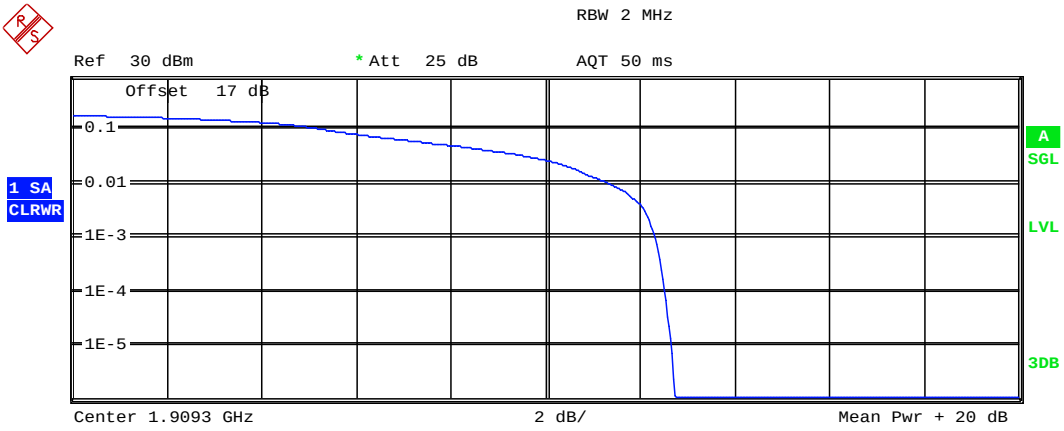


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.90 dBm
Peak	27.38 dBm
Crest	12.48 dB
10 %	5.54 dB
1 %	11.15 dB
.1 %	12.12 dB
.01 %	12.34 dB

Peak To Average Ratio BAND2_QPSK_1.4MHz_CH18900 1RB0

Date: 18.APR.2019 17:51:36



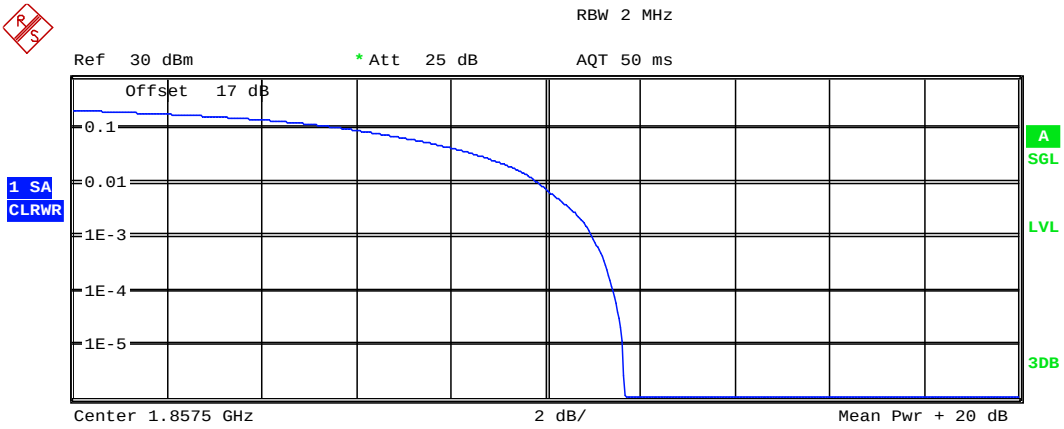
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.10 dBm
Peak	26.82 dBm
Crest	12.72 dB
10 %	5.45 dB
1 %	11.35 dB
.1 %	12.34 dB
.01 %	12.53 dB

Peak To Average Ratio BAND2_QPSK_1.4MHz_CH19193 1RB0

Date: 18.APR.2019 17:49:23

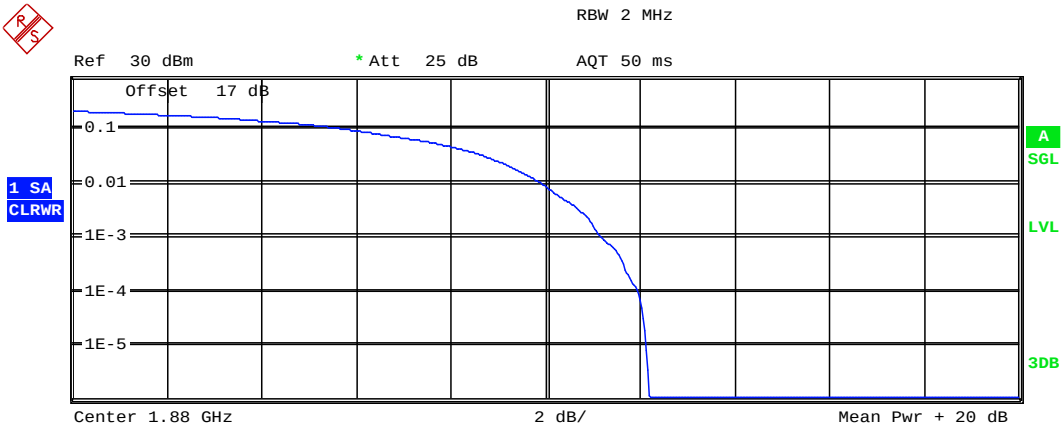
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.52 dBm
Peak	26.18 dBm
Crest	11.66 dB
10 %	5.99 dB
1 %	9.84 dB
.1 %	10.99 dB
.01 %	11.44 dB

Peak To Average Ratio BAND2_QPSK_15MHz_CH18675 FRB
Date: 18.APR.2019 17:10:42

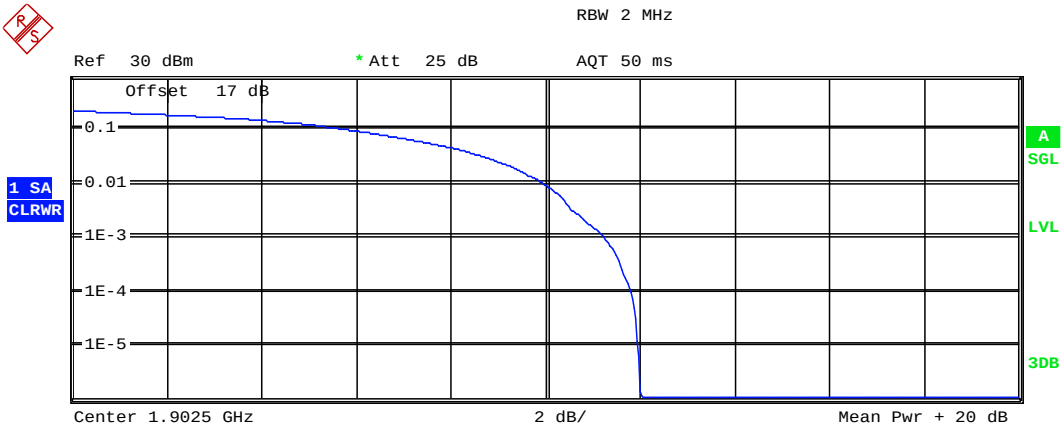


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.35 dBm
Peak	26.53 dBm
Crest	12.18 dB
10 %	5.96 dB
1 %	9.94 dB
.1 %	11.19 dB
.01 %	11.96 dB

Peak To Average Ratio BAND2_QPSK_15MHz_CH18900 FRB

Date: 18.APR.2019 17:08:01



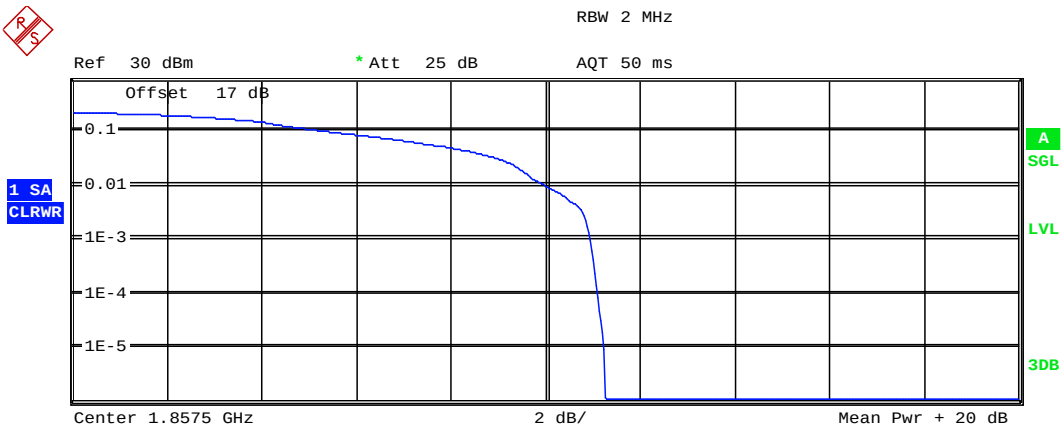
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.18 dBm
Peak	25.19 dBm
Crest	12.01 dB
10 %	5.96 dB
1 %	9.97 dB
.1 %	11.25 dB
.01 %	11.83 dB

Peak To Average Ratio BAND2_QPSK_15MHz_CH19125 FRB

Date: 18.APR.2019 17:02:38

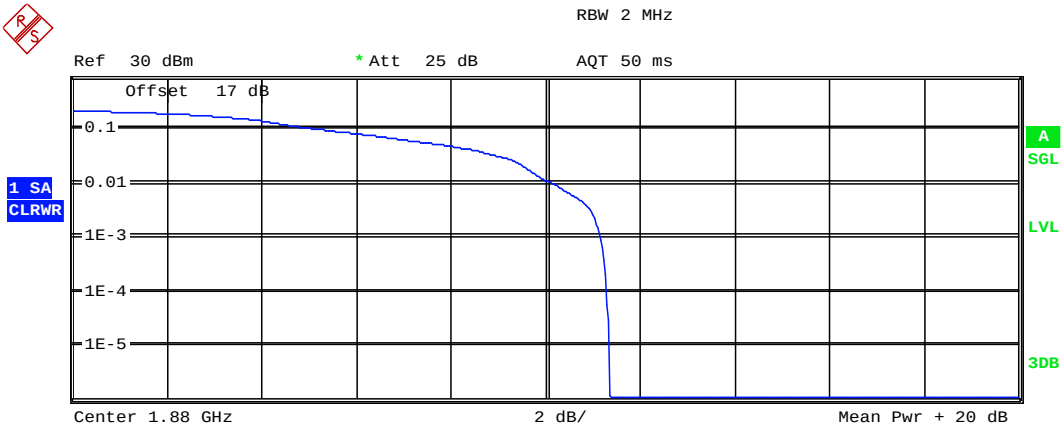
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.75 dBm
Peak	28.02 dBm
Crest	11.26 dB
10 %	5.51 dB
1 %	10.00 dB
.1 %	10.96 dB
.01 %	11.12 dB

Peak To Average Ratio BAND2_QPSK_15MHz_CH18675 1RB0
Date: 18.APR.2019 17:11:55

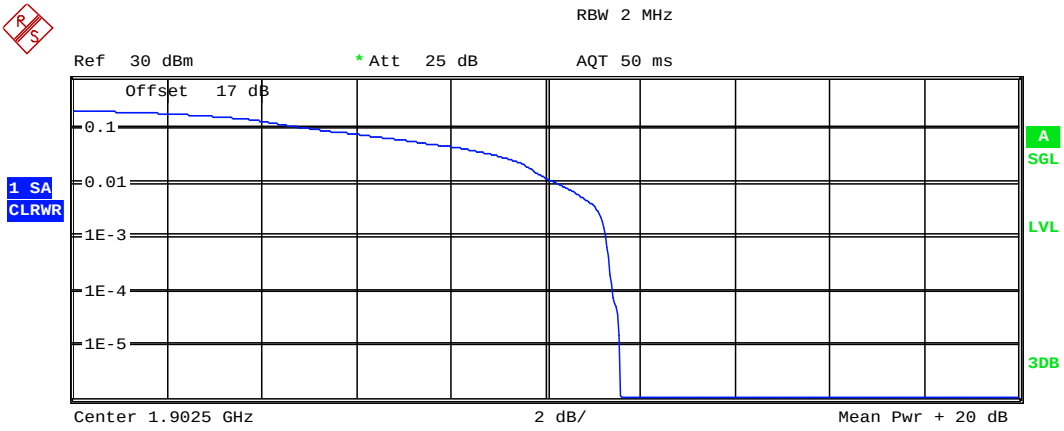


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.23 dBm
Peak	27.59 dBm
Crest	11.36 dB
10 %	5.42 dB
1 %	10.16 dB
.1 %	11.19 dB
.01 %	11.31 dB

Peak To Average Ratio BAND2_QPSK_15MHz_CH18900 1RB0

Date: 18.APR.2019 17:07:16



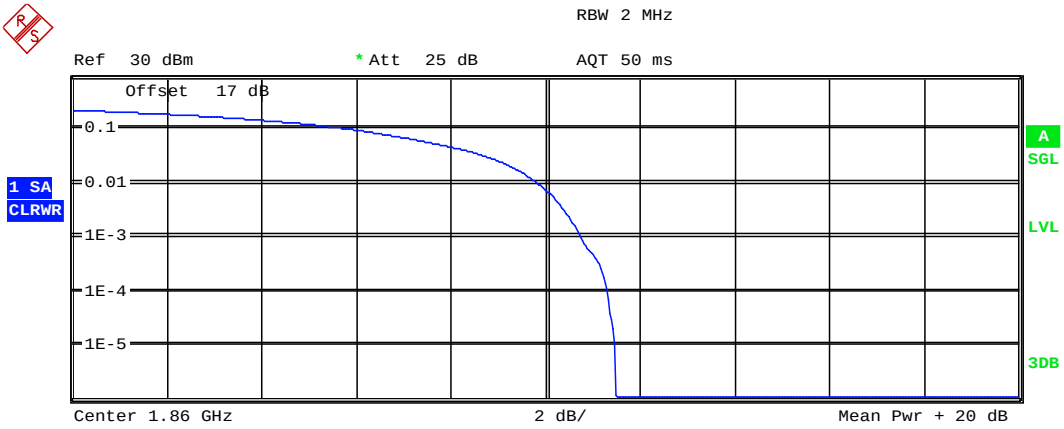
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.38 dBm
Peak	26.96 dBm
Crest	11.57 dB
10 %	5.32 dB
1 %	10.29 dB
.1 %	11.28 dB
.01 %	11.44 dB

Peak To Average Ratio BAND2_QPSK_15MHz_CH19125 1RB0

Date: 18.APR.2019 17:03:44

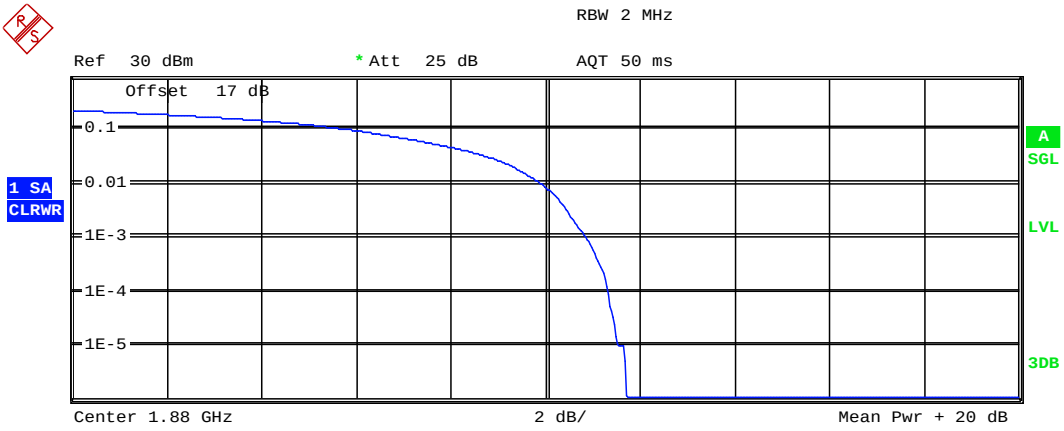
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.97 dBm
Peak	26.46 dBm
Crest	11.49 dB
10 %	6.03 dB
1 %	9.84 dB
.1 %	10.77 dB
.01 %	11.31 dB

Peak To Average Ratio BAND2_QPSK_20MHz_CH18700 FRB
Date: 18.APR.2019 14:27:09

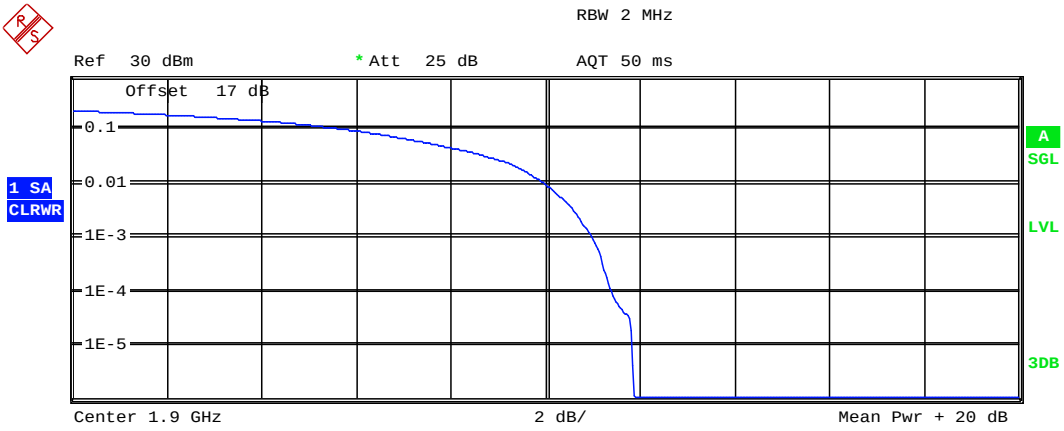


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.61 dBm
Peak	26.32 dBm
Crest	11.71 dB
10 %	5.99 dB
1 %	9.90 dB
.1 %	10.87 dB
.01 %	11.31 dB

Peak To Average Ratio BAND2_QPSK_20MHz_CH18900 FRB

Date: 18.APR.2019 14:23:03



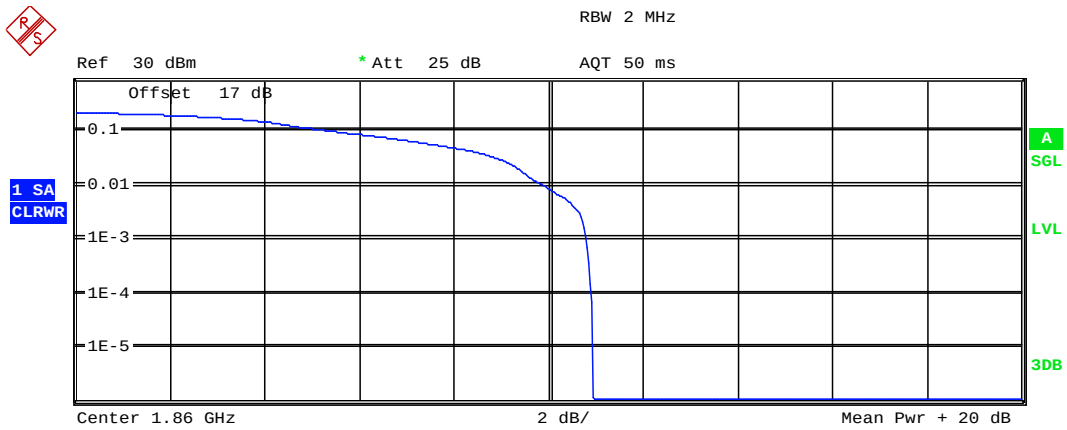
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.26 dBm
Peak	26.11 dBm
Crest	11.85 dB
10 %	5.93 dB
1 %	9.97 dB
.1 %	10.99 dB
.01 %	11.41 dB

Peak To Average Ratio BAND2_QPSK_20MHz_CH19100 FRB

Date: 18.APR.2019 14:29:54

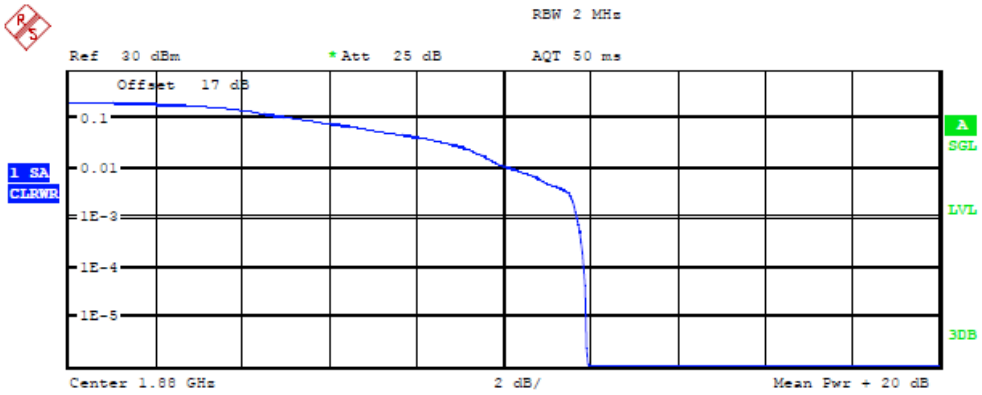
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.58 dBm
Peak	27.52 dBm
Crest	10.94 dB
10 %	5.61 dB
1 %	9.90 dB
.1 %	10.80 dB
.01 %	10.93 dB

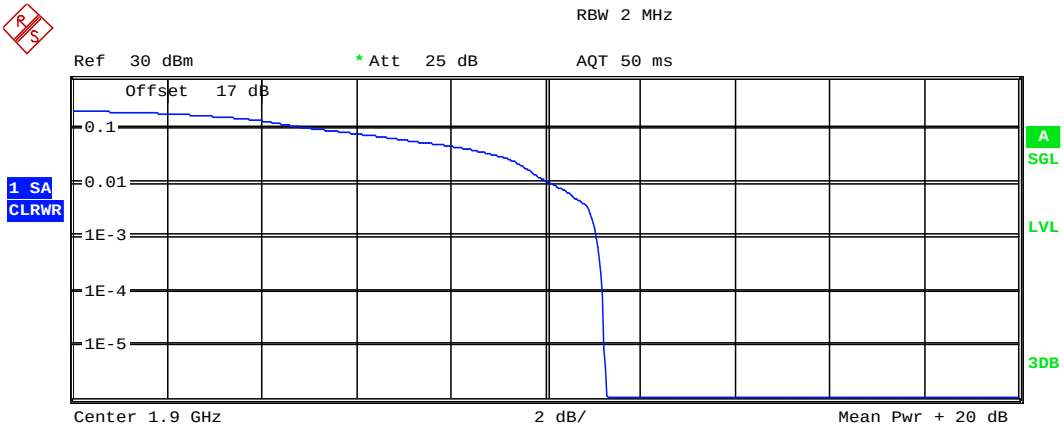
Peak To Average Ratio BAND2_QPSK_20MHz_CH18700 1RB0
Date: 18.APR.2019 14:27:39



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.30 dBm
Peak	27.38 dBm
Crest	11.08 dB
10 %	5.58 dB
1 %	9.97 dB
.1 %	10.87 dB
.01 %	10.99 dB

Peak To Average Ratio BAND2_QPSK_20MHz_CH18900 1RB0
Date: 19.APR.2019 16:08:20



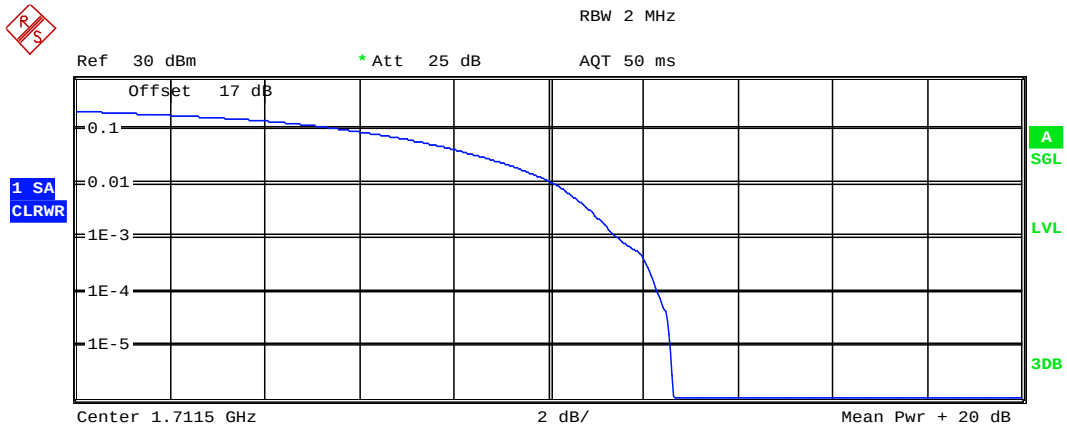
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.88 dBm
Peak	27.17 dBm
Crest	11.29 dB
10 %	5.45 dB
1 %	10.13 dB
.1 %	11.09 dB
.01 %	11.22 dB

Peak To Average Ratio BAND2_QPSK_20MHz_CH19100 1RB0

Date: 18.APR.2019 14:30:26

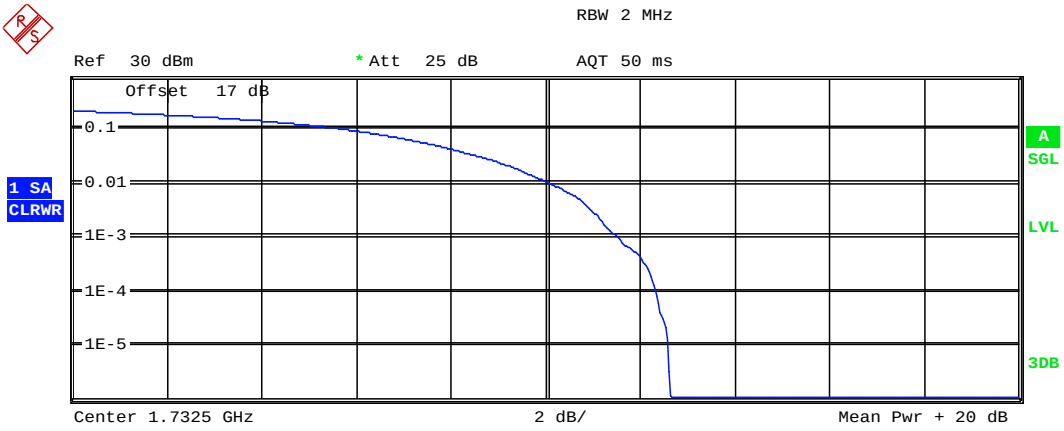
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band IV
3M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	11.23 dBm
Peak	23.85 dBm
Crest	12.63 dB
10 %	5.87 dB
1 %	10.16 dB
.1 %	11.47 dB
.01 %	12.31 dB

Peak To Average Ratio BAND4_QPSK_3MHz_CH19965 FRB
Date: 19.APR.2019 16:33:54

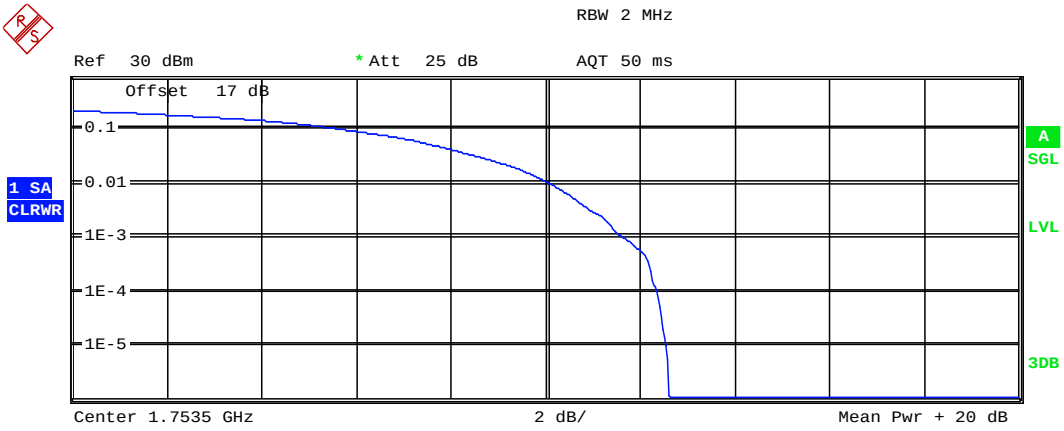


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	10.60 dBm
Peak	23.22 dBm
Crest	12.62 dB
10 %	5.93 dB
1 %	10.13 dB
.1 %	11.54 dB
.01 %	12.34 dB

Peak To Average Ratio BAND4_QPSK_3MHz_CH20175 FRB

Date: 19.APR.2019 16:38:18



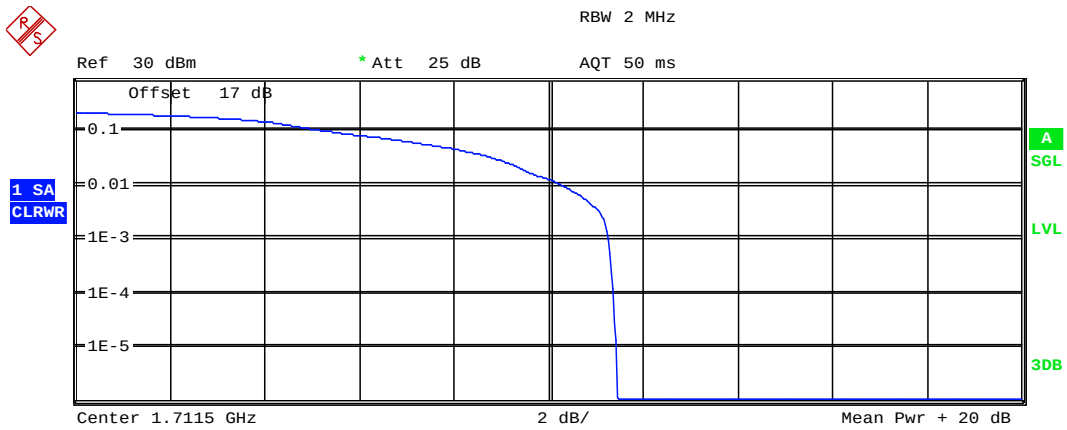
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	10.04 dBm
Peak	22.65 dBm
Crest	12.61 dB
10 %	5.87 dB
1 %	10.10 dB
.1 %	11.63 dB
.01 %	12.37 dB

Peak To Average Ratio BAND4_QPSK_3MHz_CH20385 FRB

Date: 19.APR.2019 16:46:33

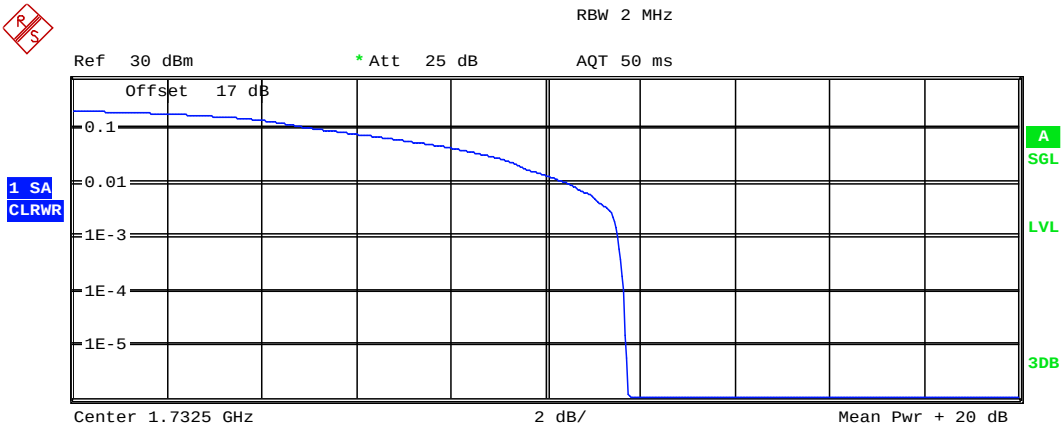
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.85 dBm
Peak	27.31 dBm
Crest	11.46 dB
10 %	5.48 dB
1 %	10.29 dB
.1 %	11.28 dB
.01 %	11.38 dB

Peak To Average Ratio BAND4_QPSK_3MHz_CH19965 1RB0
Date: 19.APR.2019 16:34:33

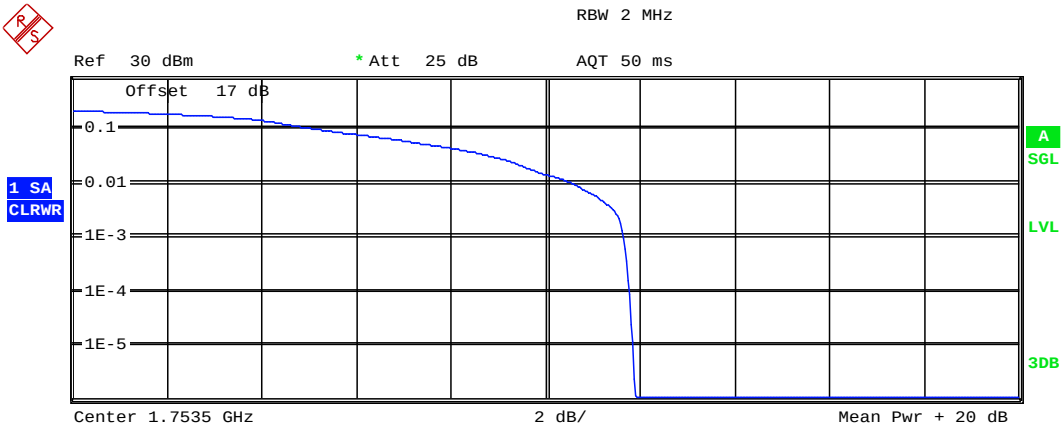


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.20 dBm
Peak	26.96 dBm
Crest	11.75 dB
10 %	5.42 dB
1 %	10.48 dB
.1 %	11.54 dB
.01 %	11.67 dB

Peak To Average Ratio BAND4_QPSK_3MHz_CH20175 1RB0

Date: 19.APR.2019 16:37:11



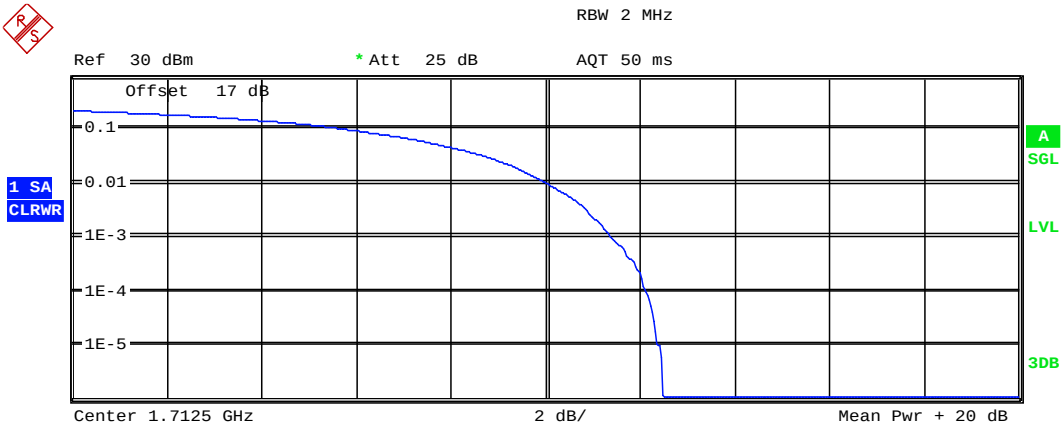
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.87 dBm
Peak	26.75 dBm
Crest	11.88 dB
10 %	5.35 dB
1 %	10.58 dB
.1 %	11.67 dB
.01 %	11.79 dB

Peak To Average Ratio BAND4_QPSK_3MHz_CH20385 1RB0

Date: 19.APR.2019 16:47:13

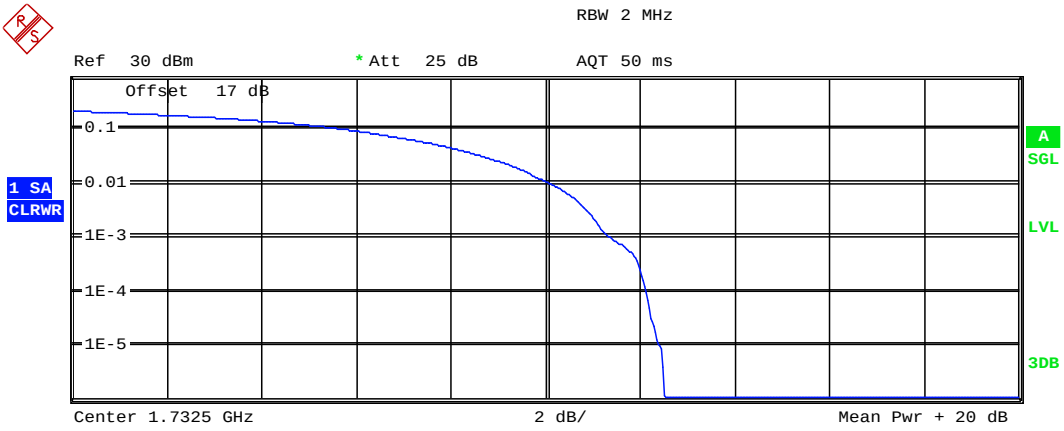
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	11.72 dBm
Peak	24.21 dBm
Crest	12.49 dB
10 %	5.93 dB
1 %	10.03 dB
.1 %	11.38 dB
.01 %	12.12 dB

Peak To Average Ratio BAND4_QPSK_5MHz_CH19975 FRB
Date: 19.APR.2019 16:18:15

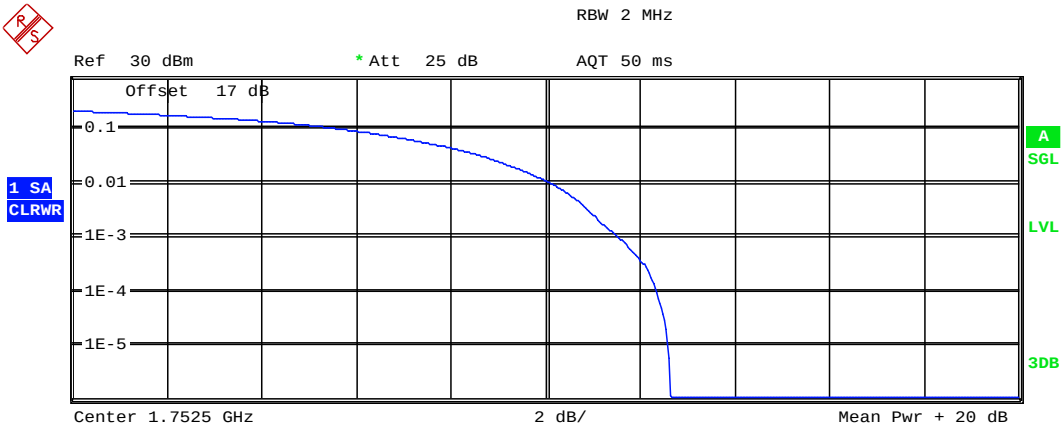


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	11.63 dBm
Peak	24.14 dBm
Crest	12.51 dB
10 %	5.93 dB
1 %	10.10 dB
.1 %	11.38 dB
.01 %	12.15 dB

Peak To Average Ratio BAND4_QPSK_5MHz_CH20175 FRB

Date: 19.APR.2019 16:19:57



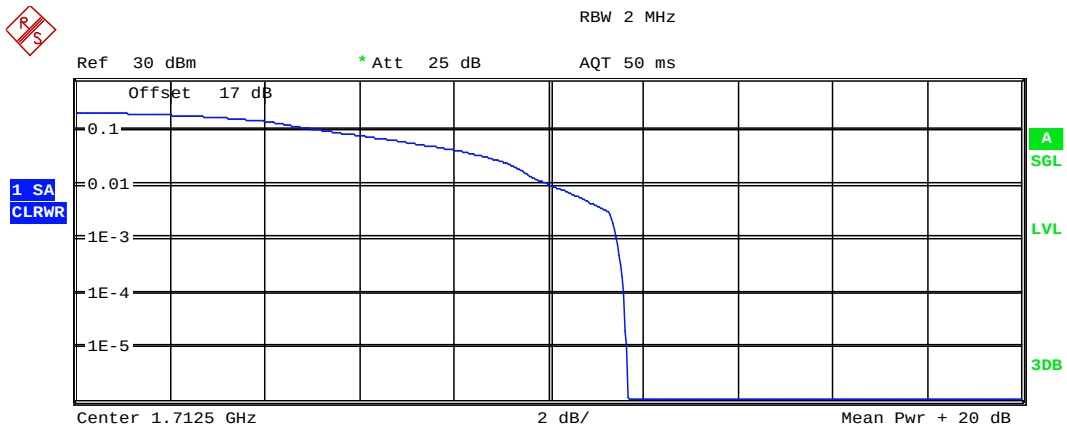
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	11.42 dBm
Peak	24.06 dBm
Crest	12.65 dB
10 %	5.90 dB
1 %	10.13 dB
.1 %	11.54 dB
.01 %	12.34 dB

Peak To Average Ratio BAND4_QPSK_5MHz_CH20375 FRB

Date: 19.APR.2019 16:20:55

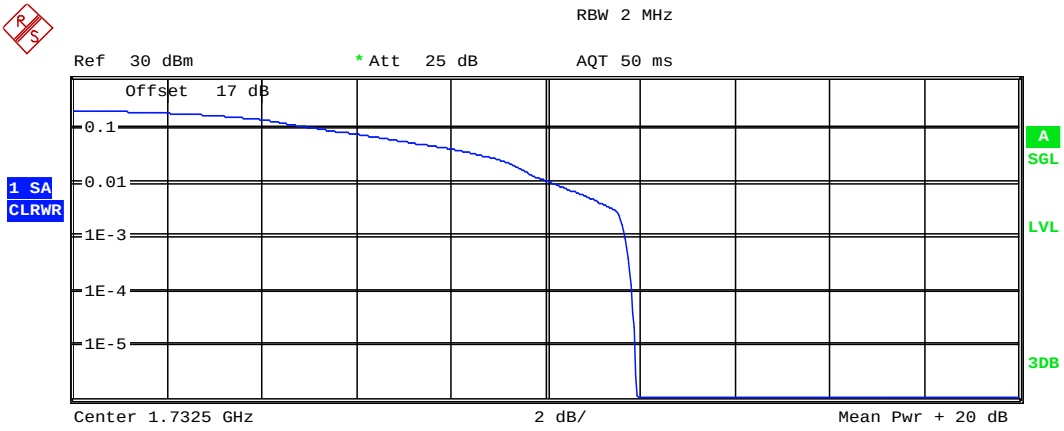
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.99 dBm
Peak	26.67 dBm
Crest	11.68 dB
10 %	5.48 dB
1 %	10.06 dB
.1 %	11.44 dB
.01 %	11.60 dB

Peak To Average Ratio BAND4_QPSK_5MHz_CH19975 1RB0
Date: 19.APR.2019 16:18:33

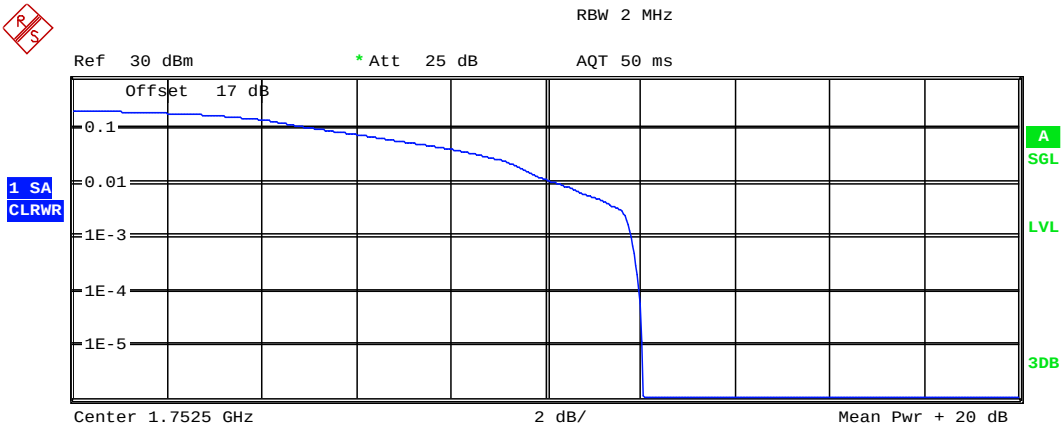


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.48 dBm
Peak	26.39 dBm
Crest	11.91 dB
10 %	5.42 dB
1 %	10.19 dB
.1 %	11.70 dB
.01 %	11.83 dB

Peak To Average Ratio BAND4_QPSK_5MHz_CH20175 1RB0

Date: 19.APR.2019 16:19:23



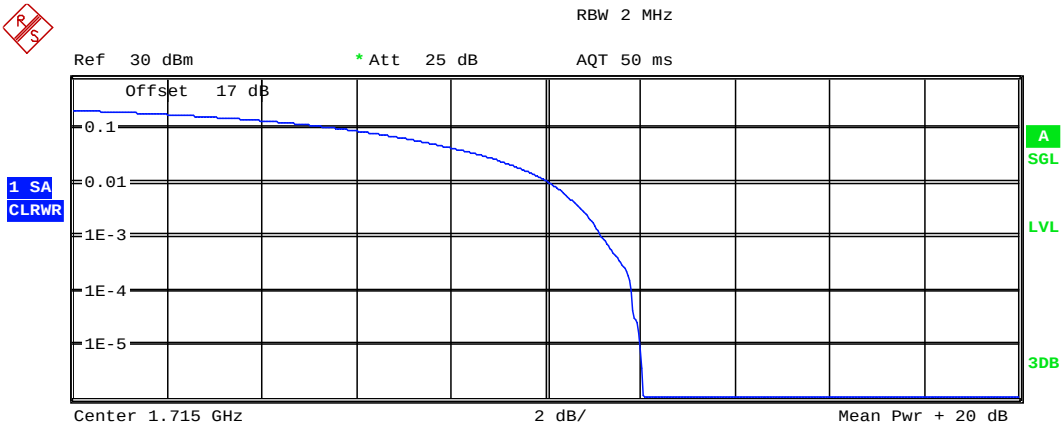
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.72 dBm
Peak	25.76 dBm
Crest	12.04 dB
10 %	5.42 dB
1 %	10.29 dB
.1 %	11.83 dB
.01 %	11.99 dB

Peak To Average Ratio BAND4_QPSK_5MHz_CH20375 1RB0

Date: 19.APR.2019 16:21:20

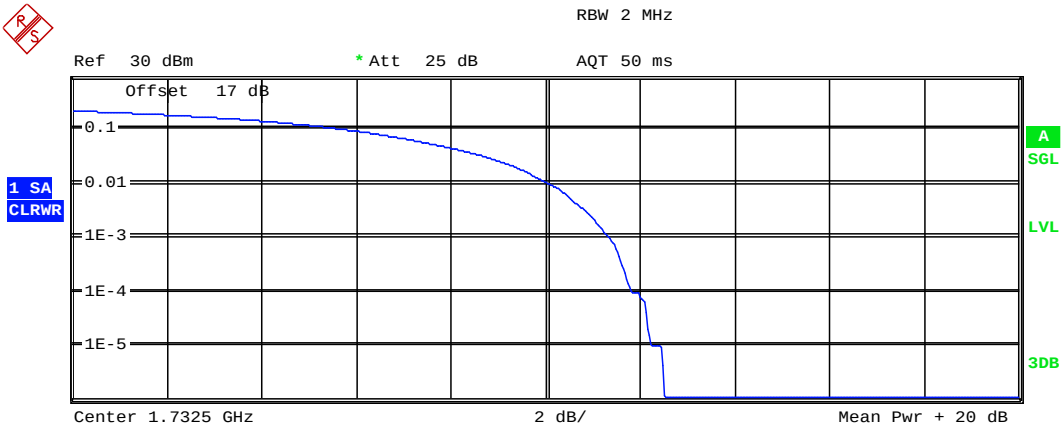
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	11.94 dBm
Peak	23.99 dBm
Crest	12.06 dB
10 %	5.90 dB
1 %	10.10 dB
.1 %	11.19 dB
.01 %	11.83 dB

Peak To Average Ratio BAND4_QPSK_10MHz_CH20000 FRB
Date: 19.APR.2019 14:16:07

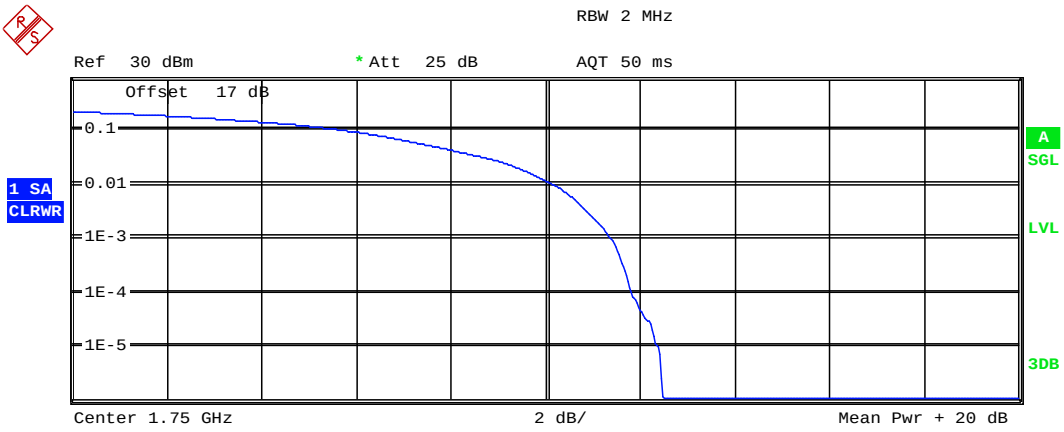


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.76 dBm
Peak	25.26 dBm
Crest	12.51 dB
10 %	5.93 dB
1 %	10.06 dB
.1 %	11.35 dB
.01 %	11.96 dB

Peak To Average Ratio BAND4_QPSK_10MHz_CH20175 FRB

Date: 19.APR.2019 15:06:37



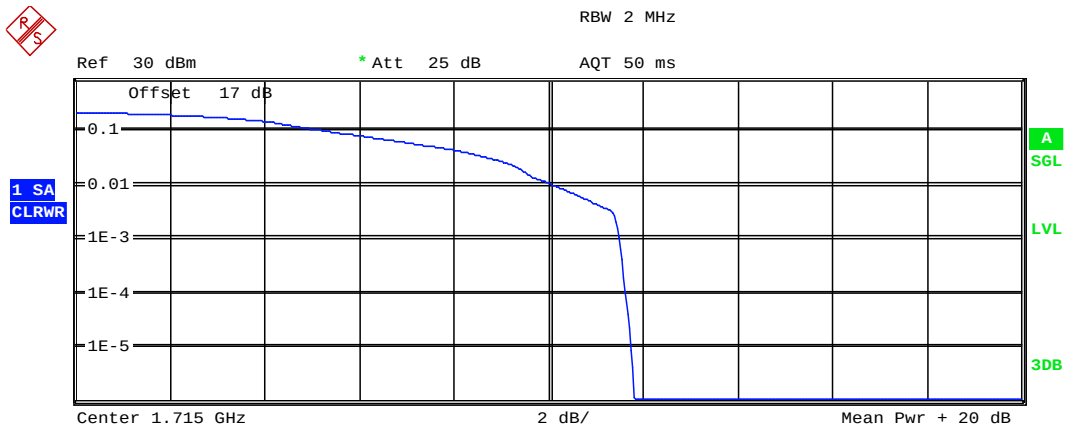
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.59 dBm
Peak	25.05 dBm
Crest	12.46 dB
10 %	5.90 dB
1 %	10.16 dB
.1 %	11.38 dB
.01 %	11.83 dB

Peak To Average Ratio BAND4_QPSK_10MHz_CH20350 FRB

Date: 19.APR.2019 15:07:41

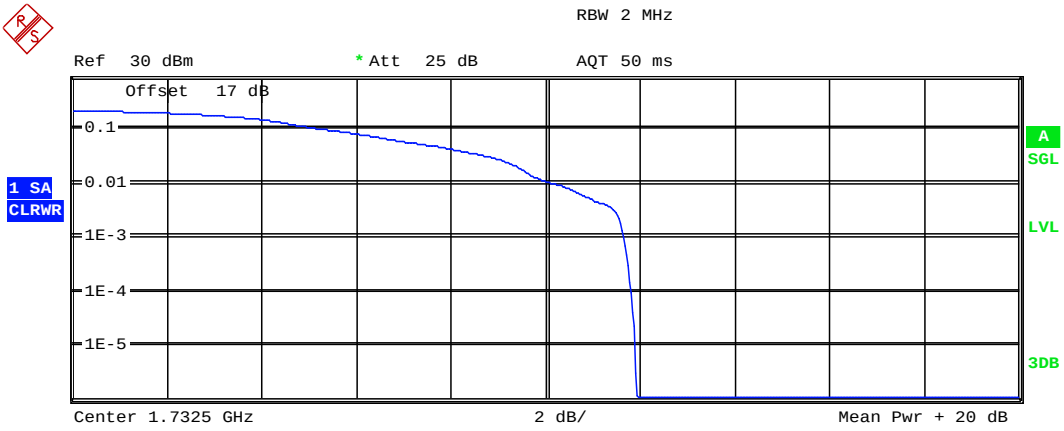
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.15 dBm
Peak	26.96 dBm
Crest	11.80 dB
10 %	5.45 dB
1 %	10.13 dB
.1 %	11.51 dB
.01 %	11.63 dB

Peak To Average Ratio BAND4_QPSK_10MHz_CH20000 1RB0
Date: 19.APR.2019 14:16:31

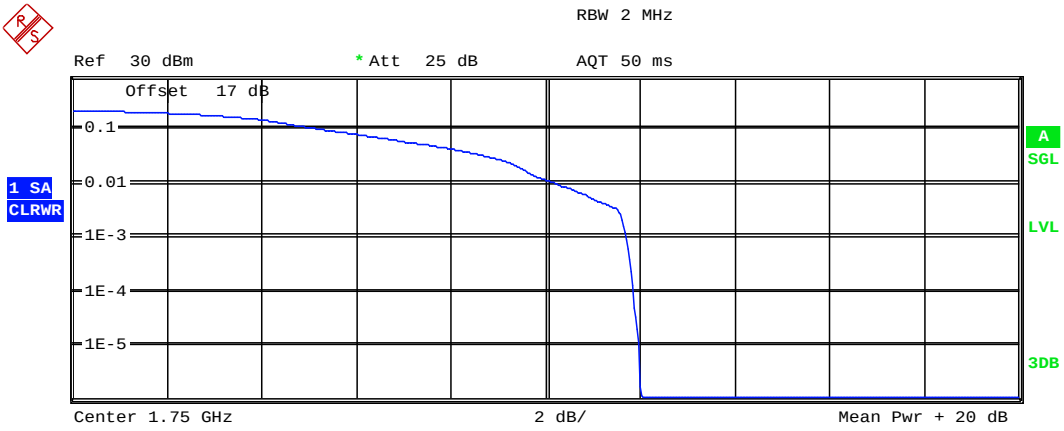


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.33 dBm
Peak	27.24 dBm
Crest	11.91 dB
10 %	5.48 dB
1 %	10.22 dB
.1 %	11.67 dB
.01 %	11.83 dB

Peak To Average Ratio BAND4_QPSK_10MHz_CH20175 1RB0

Date: 19.APR.2019 15:06:11



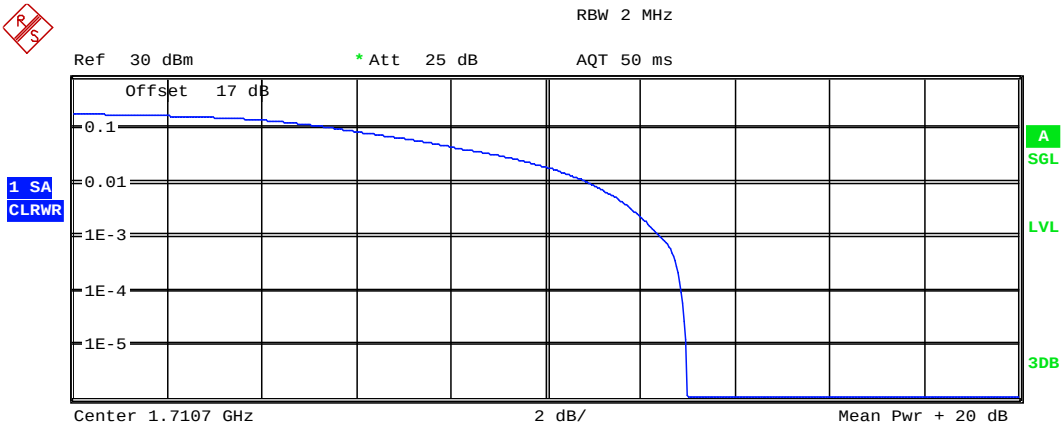
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.81 dBm
Peak	26.82 dBm
Crest	12.01 dB
10 %	5.42 dB
1 %	10.22 dB
.1 %	11.73 dB
.01 %	11.86 dB

Peak To Average Ratio BAND4_QPSK_10MHz_CH20350 1RB0

Date: 19.APR.2019 15:08:05

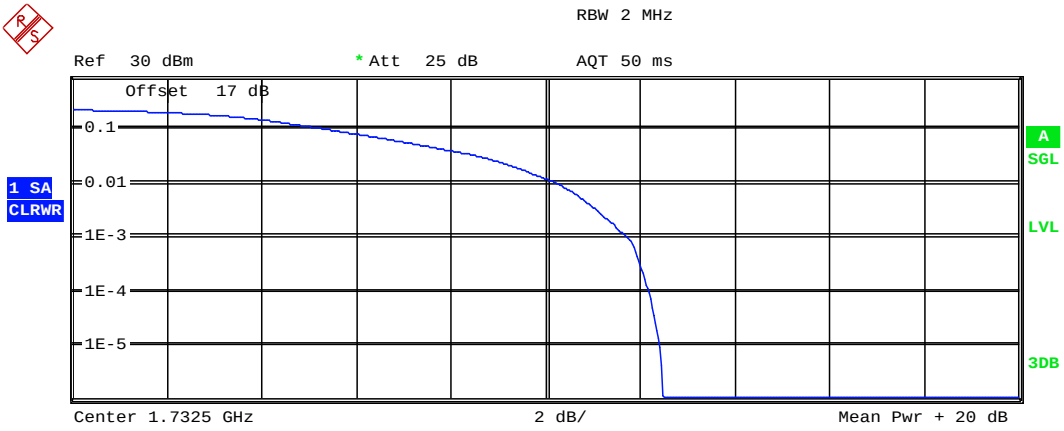
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
14M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.06 dBm
Peak	25.05 dBm
Crest	12.99 dB
10 %	5.80 dB
1 %	10.96 dB
.1 %	12.44 dB
.01 %	12.88 dB

Peak To Average Ratio BAND4_QPSK_1.4MHz_CH19957 FRB
Date: 19.APR.2019 10:25:16

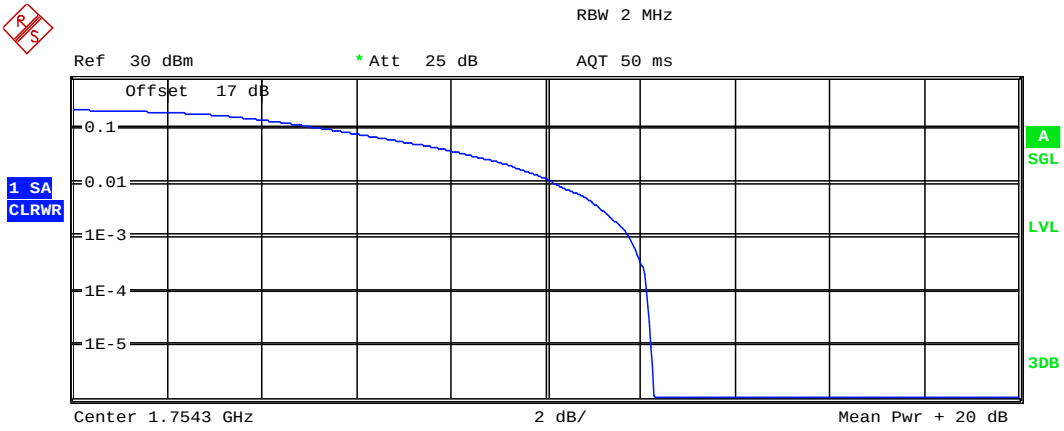


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.22 dBm
Peak	24.70 dBm
Crest	12.48 dB
10 %	5.54 dB
1 %	10.29 dB
.1 %	11.73 dB
.01 %	12.21 dB

Peak To Average Ratio BAND4_QPSK_1.4MHz_CH20175 FRB

Date: 19.APR.2019 10:28:08



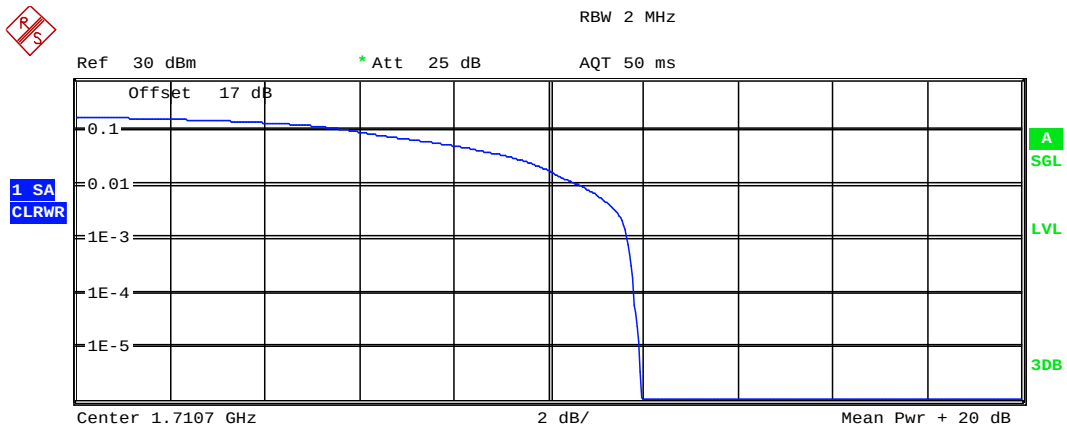
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.63 dBm
Peak	24.91 dBm
Crest	12.29 dB
10 %	5.54 dB
1 %	10.22 dB
.1 %	11.79 dB
.01 %	12.15 dB

Peak To Average Ratio BAND4_QPSK_1.4MHz_CH20393 FRB

Date: 19.APR.2019 10:28:46

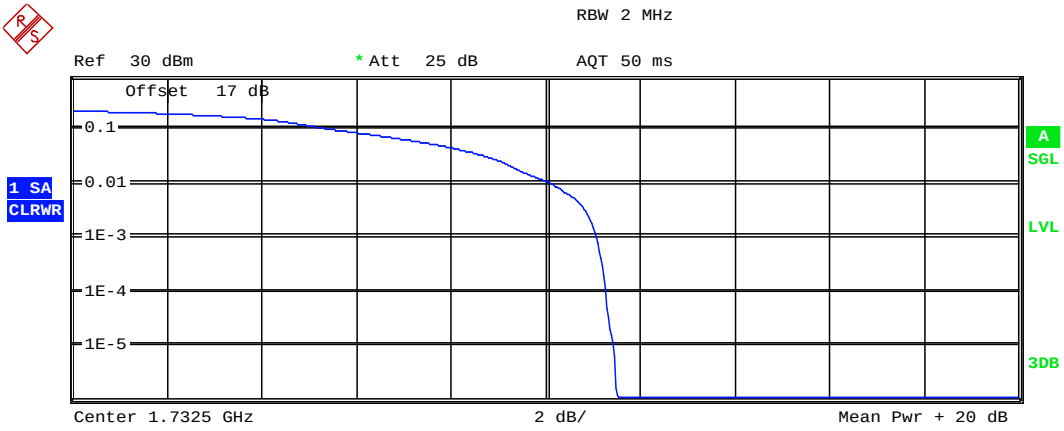
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.52 dBm
Peak	26.46 dBm
Crest	11.95 dB
10 %	6.03 dB
1 %	10.67 dB
.1 %	11.67 dB
.01 %	11.83 dB

Peak To Average Ratio BAND4_QPSK_1.4MHz_CH19957 1RB0
Date: 19.APR.2019 10:26:41

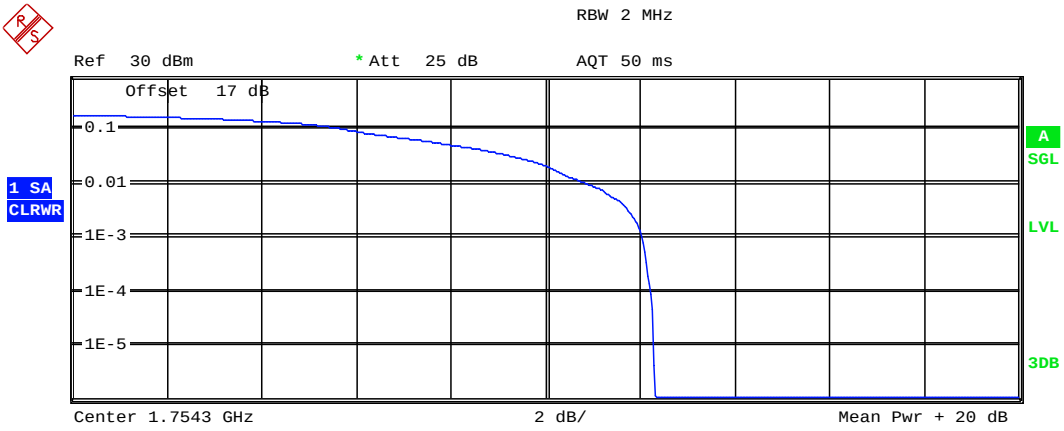


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.96 dBm
Peak	26.46 dBm
Crest	11.50 dB
10 %	5.67 dB
1 %	10.13 dB
.1 %	11.09 dB
.01 %	11.28 dB

Peak To Average Ratio BAND4_QPSK_1.4MHz_CH20175 1RB0

Date: 19.APR.2019 10:27:39



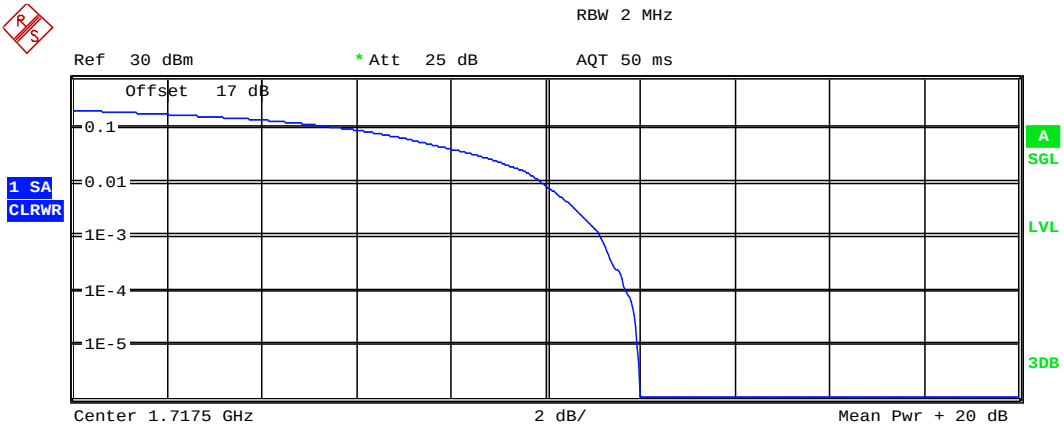
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.61 dBm
Peak	25.90 dBm
Crest	12.29 dB
10 %	5.87 dB
1 %	10.87 dB
.1 %	12.05 dB
.01 %	12.24 dB

Peak To Average Ratio BAND4_QPSK_1.4MHz_CH20393 1RB0

Date: 19.APR.2019 10:29:09

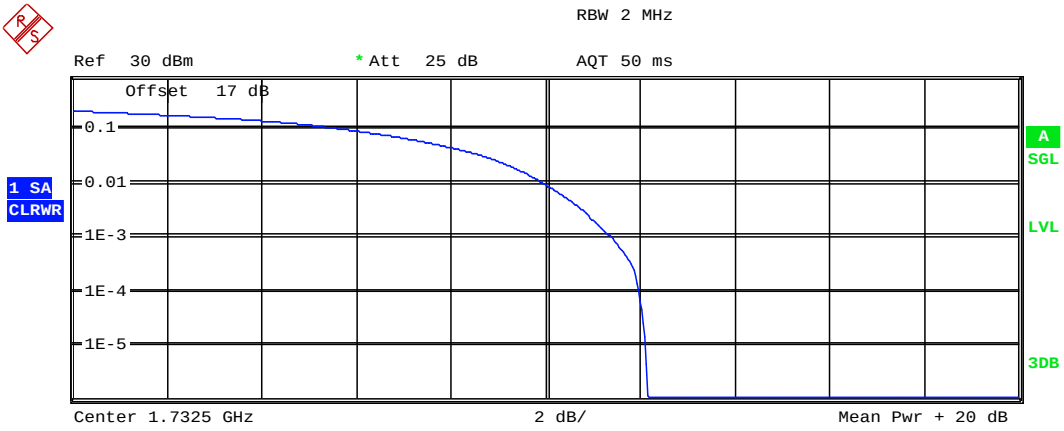
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.49 dBm
Peak	24.49 dBm
Crest	12.00 dB
10 %	6.03 dB
1 %	9.94 dB
.1 %	11.19 dB
.01 %	11.70 dB

Peak To Average Ratio BAND4_QPSK_15MHz_CH20025 FRB
Date: 19.APR.2019 15:11:19

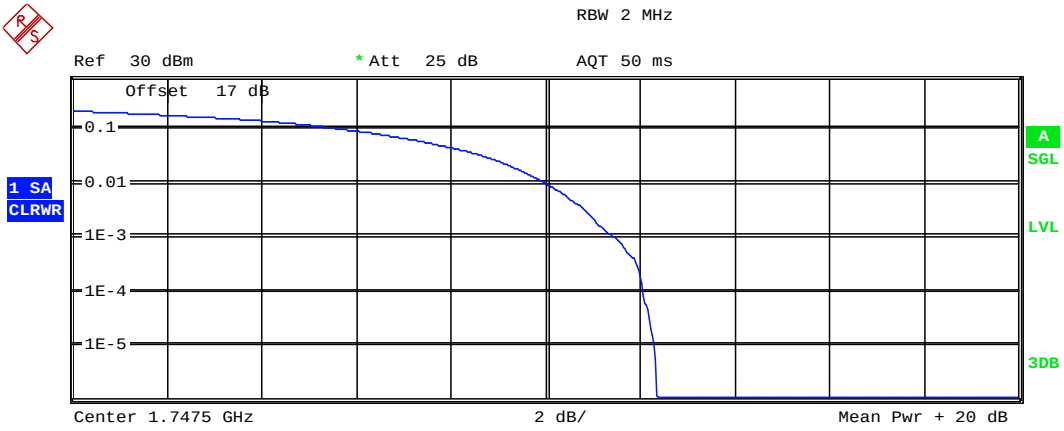


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.34 dBm
Peak	24.49 dBm
Crest	12.14 dB
10 %	5.93 dB
1 %	9.97 dB
.1 %	11.41 dB
.01 %	11.99 dB

Peak To Average Ratio BAND4_QPSK_15MHz_CH20175 FRB

Date: 19.APR.2019 16:04:22



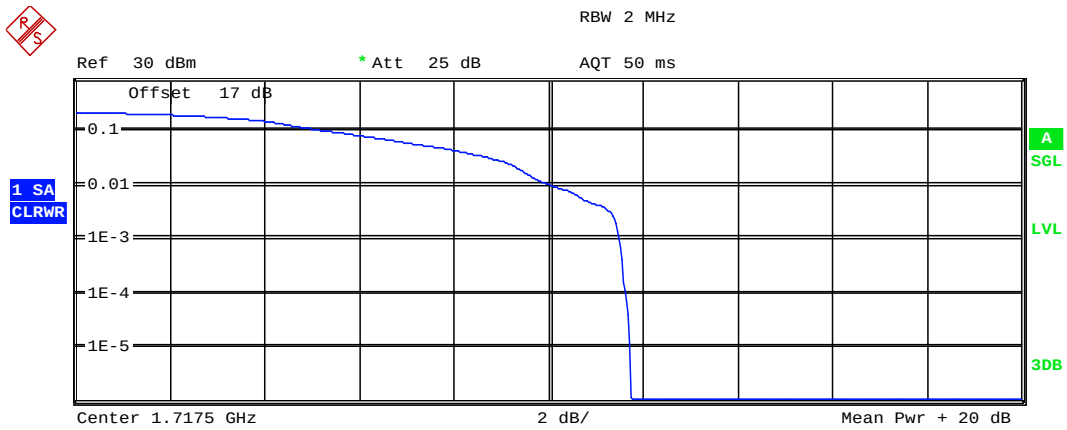
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.48 dBm
Peak	24.84 dBm
Crest	12.36 dB
10 %	5.93 dB
1 %	10.03 dB
.1 %	11.47 dB
.01 %	12.08 dB

Peak To Average Ratio BAND4_QPSK_15MHz_CH20325 FRB

Date: 19.APR.2019 16:05:06

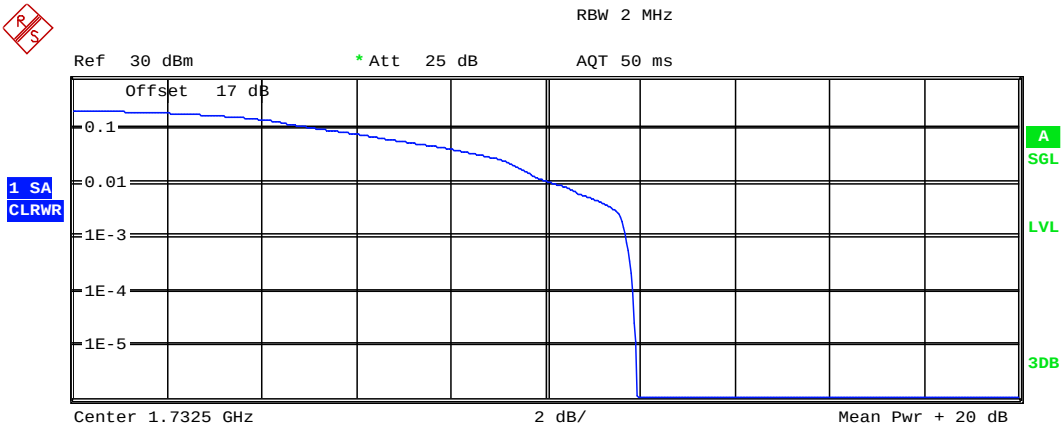
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.74 dBm
Peak	26.46 dBm
Crest	11.73 dB
10 %	5.51 dB
1 %	10.10 dB
.1 %	11.51 dB
.01 %	11.63 dB

Peak To Average Ratio BAND4_QPSK_15MHz_CH20025 1RB0
Date: 19.APR.2019 15:13:10

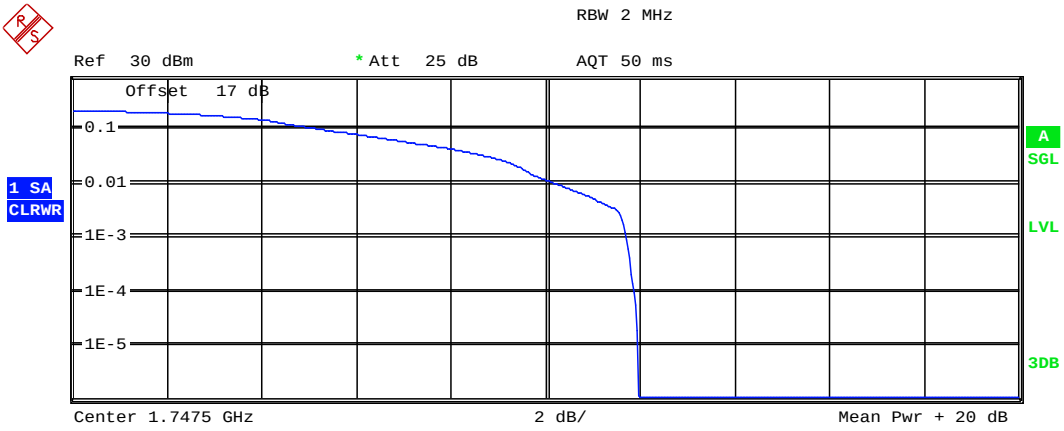


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.32 dBm
Peak	26.25 dBm
Crest	11.93 dB
10 %	5.45 dB
1 %	10.19 dB
.1 %	11.70 dB
.01 %	11.86 dB

Peak To Average Ratio BAND4_QPSK_15MHz_CH20175 1RB0

Date: 19.APR.2019 16:03:53



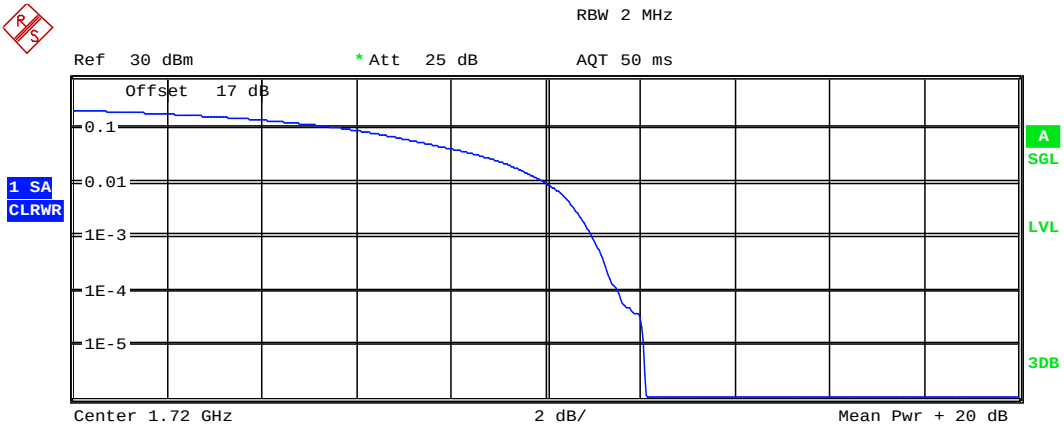
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.72 dBm
Peak	26.67 dBm
Crest	11.95 dB
10 %	5.42 dB
1 %	10.22 dB
.1 %	11.73 dB
.01 %	11.89 dB

Peak To Average Ratio BAND4_QPSK_15MHz_CH20325 1RB0

Date: 19.APR.2019 16:05:29

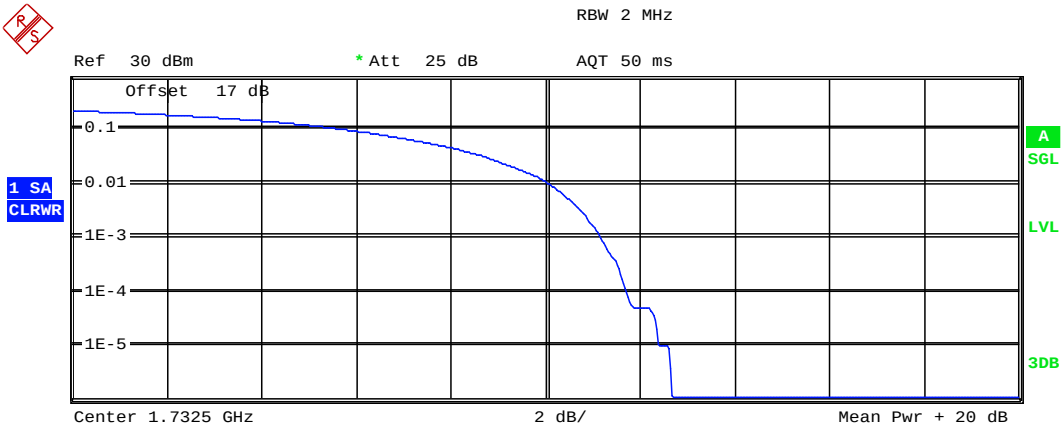
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.09 dBm
Peak	25.19 dBm
Crest	12.11 dB
10 %	5.96 dB
1 %	10.03 dB
.1 %	10.99 dB
.01 %	11.54 dB

Peak To Average Ratio BAND4_QPSK_20MHz_CH20050 FRB
Date: 19.APR.2019 16:06:53

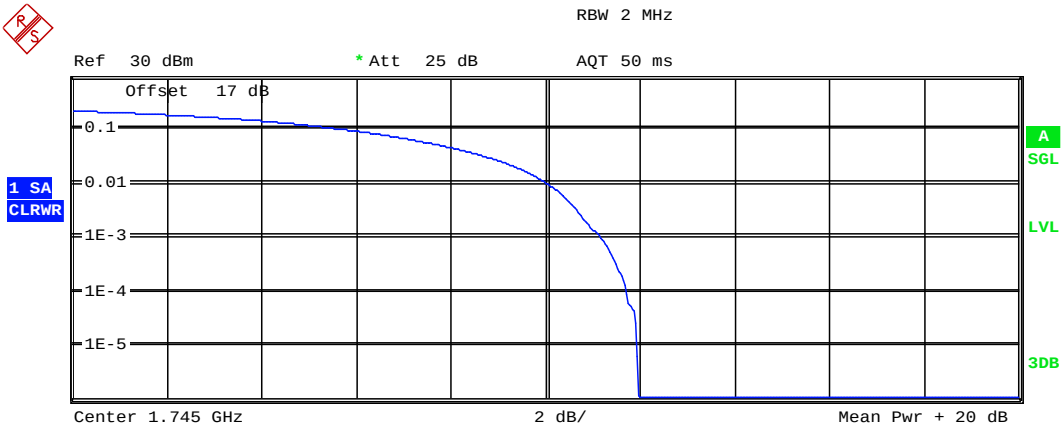


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.02 dBm
Peak	25.69 dBm
Crest	12.67 dB
10 %	5.90 dB
1 %	10.06 dB
.1 %	11.19 dB
.01 %	11.70 dB

Peak To Average Ratio BAND4_QPSK_20MHz_CH20175 FRB

Date: 19.APR.2019 16:08:41



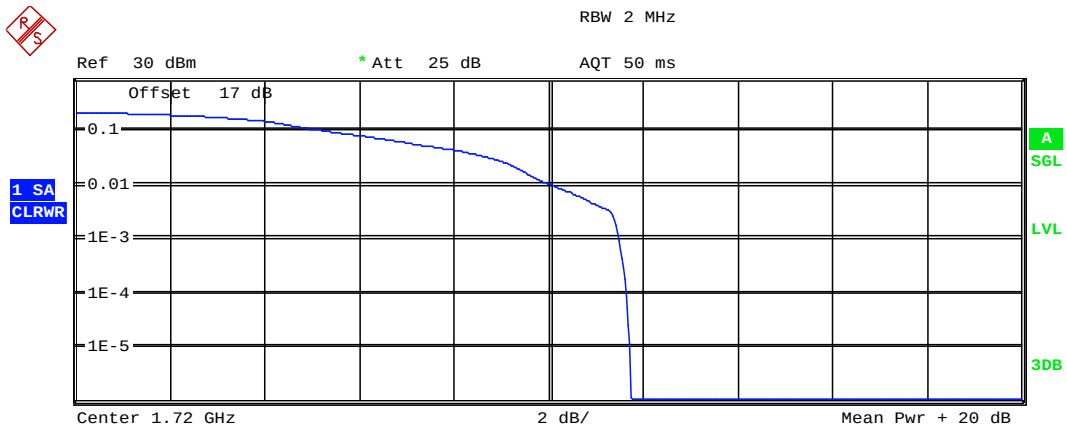
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.25 dBm
Peak	25.19 dBm
Crest	11.95 dB
10 %	5.93 dB
1 %	10.03 dB
.1 %	11.19 dB
.01 %	11.73 dB

Peak To Average Ratio BAND4_QPSK_20MHz_CH20300 FRB

Date: 19.APR.2019 16:09:12

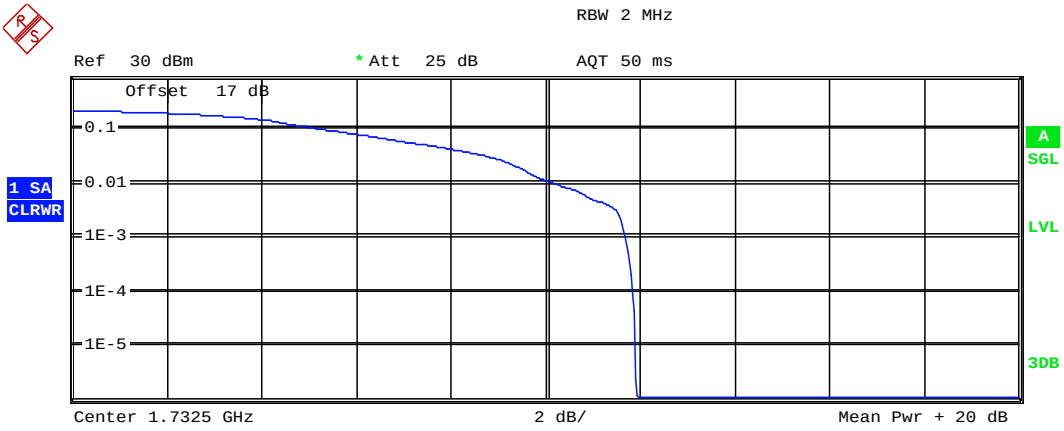
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.86 dBm
Peak	26.60 dBm
Crest	11.74 dB
10 %	5.48 dB
1 %	10.10 dB
.1 %	11.51 dB
.01 %	11.67 dB

Peak To Average Ratio BAND4_QPSK_20MHz_CH20050 1RB0
Date: 19.APR.2019 16:07:43

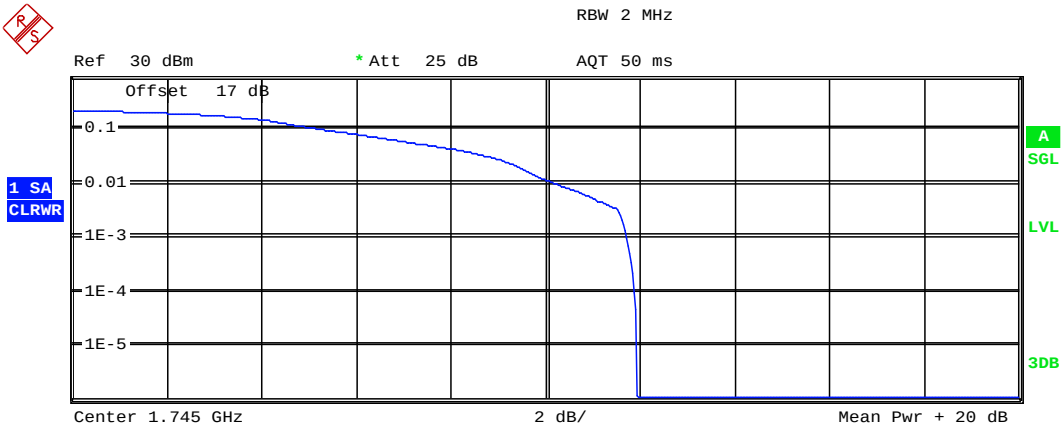


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.63 dBm
Peak	26.53 dBm
Crest	11.91 dB
10 %	5.45 dB
1 %	10.22 dB
.1 %	11.70 dB
.01 %	11.86 dB

Peak To Average Ratio BAND4_QPSK_20MHz_CH20175 1RB0

Date: 19.APR.2019 16:08:20



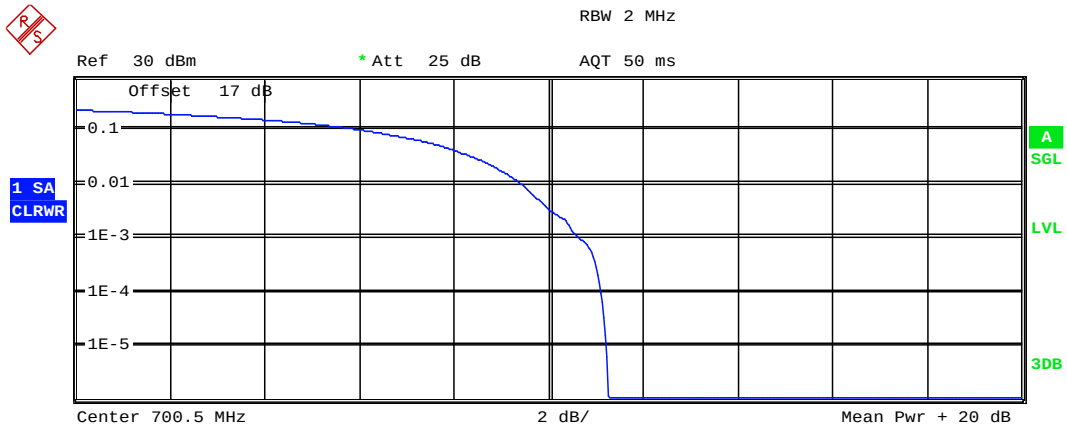
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.81 dBm
Peak	26.75 dBm
Crest	11.94 dB
10 %	5.42 dB
1 %	10.22 dB
.1 %	11.73 dB
.01 %	11.89 dB

Peak To Average Ratio BAND4_QPSK_20MHz_CH20300 1RB0

Date: 19.APR.2019 16:09:32

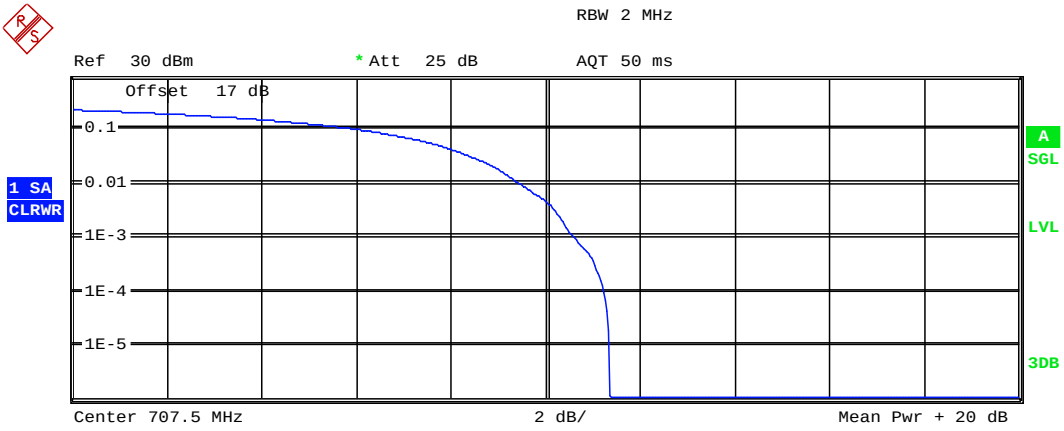
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band XII
3M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.32 dBm
Peak	23.57 dBm
Crest	11.25 dB
10 %	6.15 dB
1 %	9.42 dB
.1 %	10.64 dB
.01 %	11.12 dB

Peak To Average Ratio BAND12_QPSK_3MHz_CH23025 FRB
Date: 19.APR.2019 13:35:44

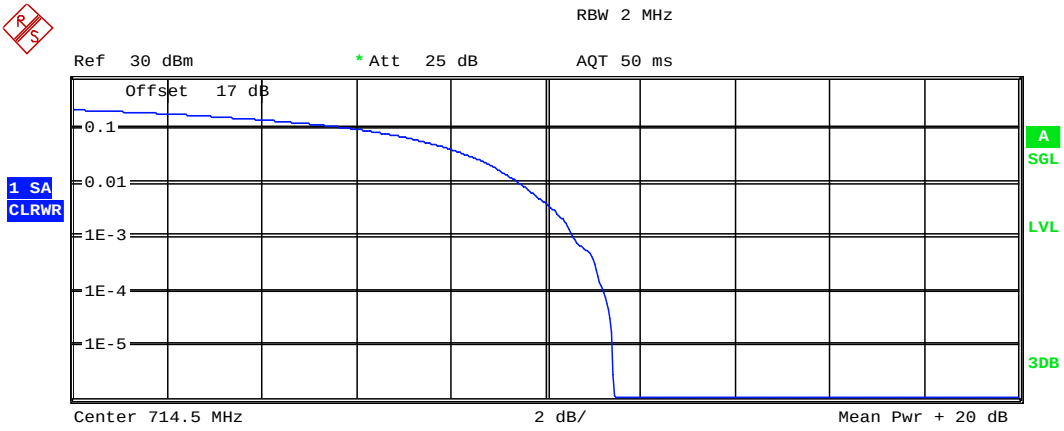


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.29 dBm
Peak	23.64 dBm
Crest	11.35 dB
10 %	6.19 dB
1 %	9.46 dB
.1 %	10.61 dB
.01 %	11.25 dB

Peak To Average Ratio BAND12_QPSK_3MHz_CH23095 FRB

Date: 19.APR.2019 13:42:53



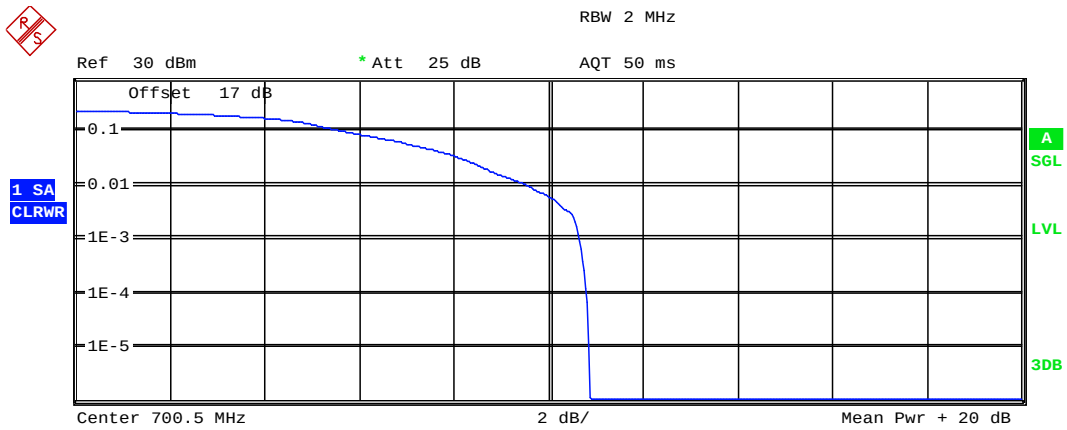
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	12.28 dBm
Peak	23.71 dBm
Crest	11.43 dB
10 %	6.19 dB
1 %	9.46 dB
.1 %	10.61 dB
.01 %	11.25 dB

Peak To Average Ratio BAND12_QPSK_3MHz_CH23165 FRB

Date: 19.APR.2019 13:43:36

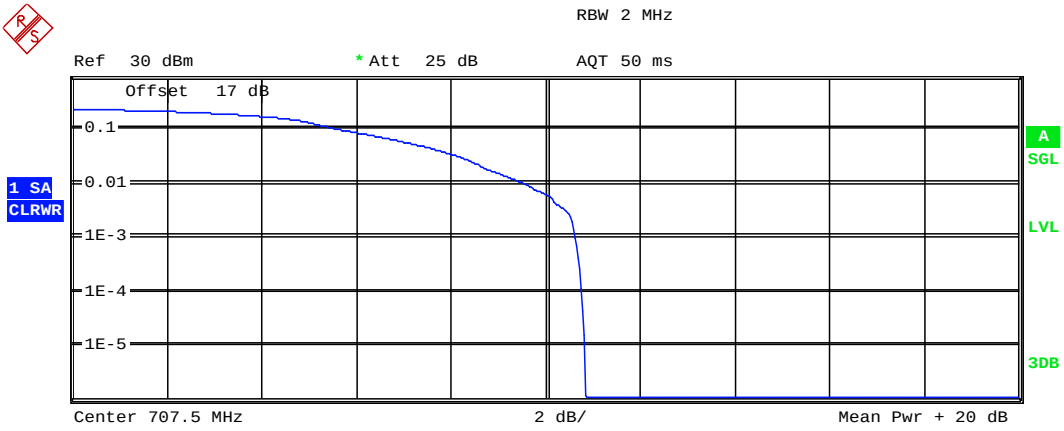
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.74 dBm
Peak	27.59 dBm
Crest	10.85 dB
10 %	5.77 dB
1 %	9.58 dB
.1 %	10.67 dB
.01 %	10.80 dB

Peak To Average Ratio BAND12_QPSK_3MHz_CH23025 1RB0
Date: 19.APR.2019 13:36:18

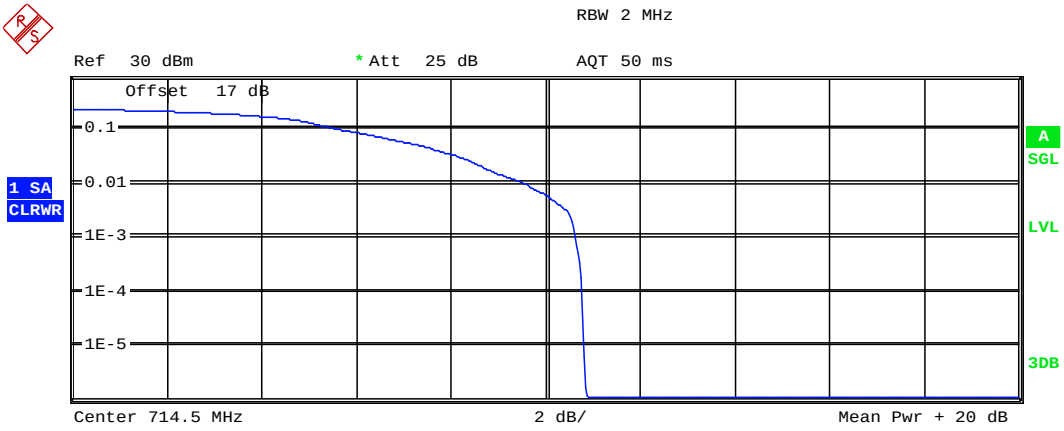


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	17.11 dBm
Peak	27.94 dBm
Crest	10.83 dB
10 %	5.77 dB
1 %	9.58 dB
.1 %	10.64 dB
.01 %	10.77 dB

Peak To Average Ratio BAND12_QPSK_3MHz_CH23095 1RB0

Date: 19.APR.2019 13:42:15



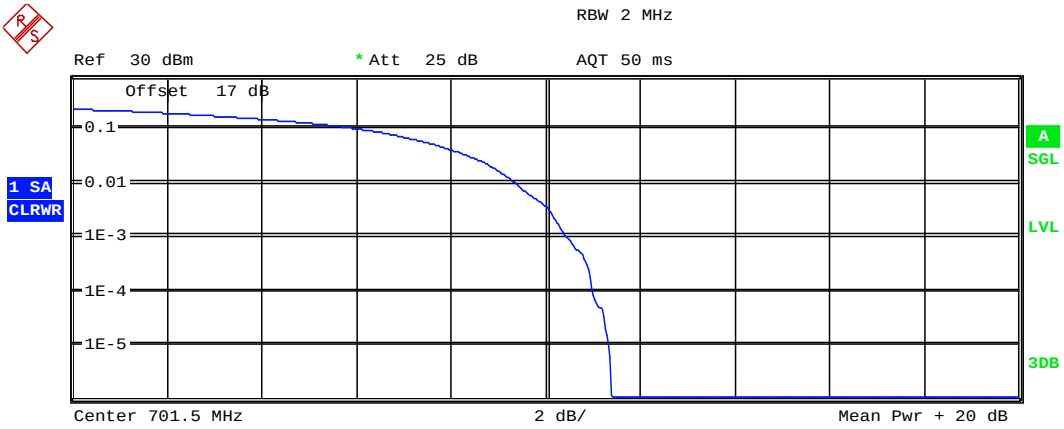
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.80 dBm
Peak	27.66 dBm
Crest	10.86 dB
10 %	5.77 dB
1 %	9.58 dB
.1 %	10.64 dB
.01 %	10.80 dB

Peak To Average Ratio BAND12_QPSK_3MHz_CH23165 1RB0

Date: 19.APR.2019 13:44:08

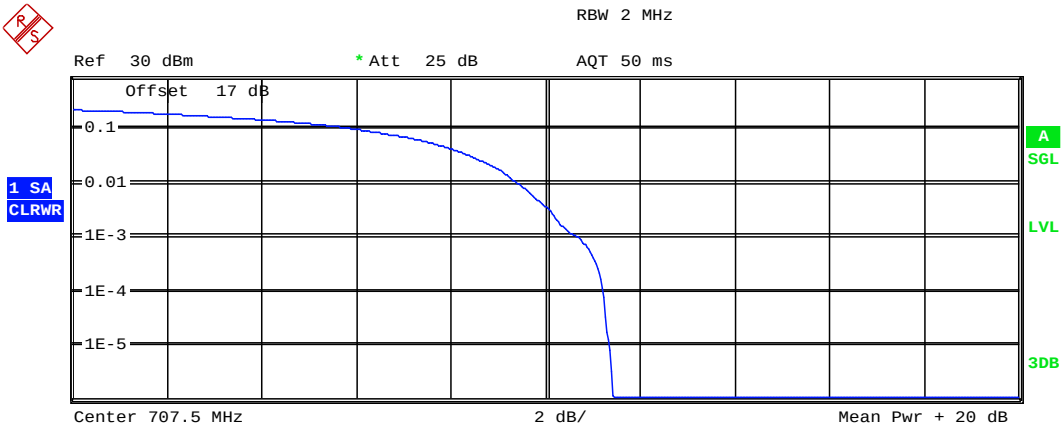
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.37 dBm
Peak	24.77 dBm
Crest	11.40 dB
10 %	6.19 dB
1 %	9.36 dB
.1 %	10.45 dB
.01 %	10.99 dB

Peak To Average Ratio BAND12_QPSK_5MHz_CH23035 FRB
Date: 19.APR.2019 13:47:44

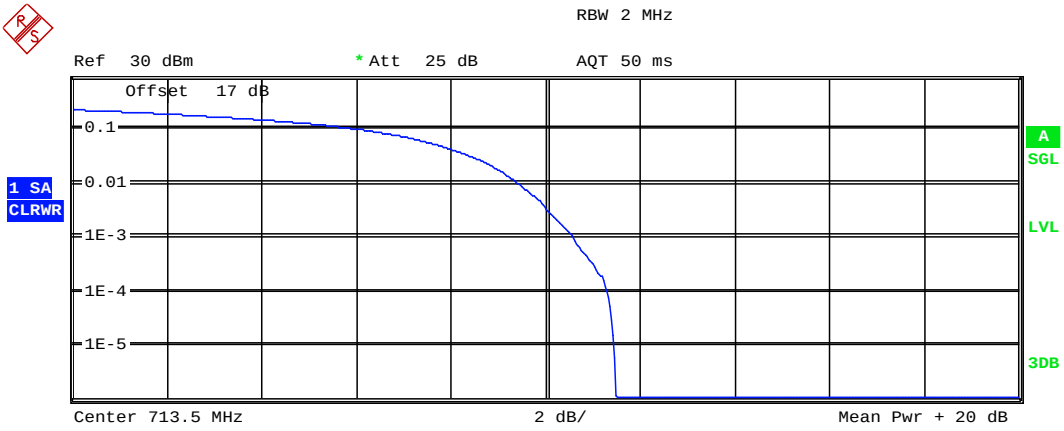


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.71 dBm
Peak	25.12 dBm
Crest	11.41 dB
10 %	6.19 dB
1 %	9.42 dB
.1 %	10.71 dB
.01 %	11.22 dB

Peak To Average Ratio BAND12_QPSK_5MHz_CH23095 FRB

Date: 19.APR.2019 13:49:16



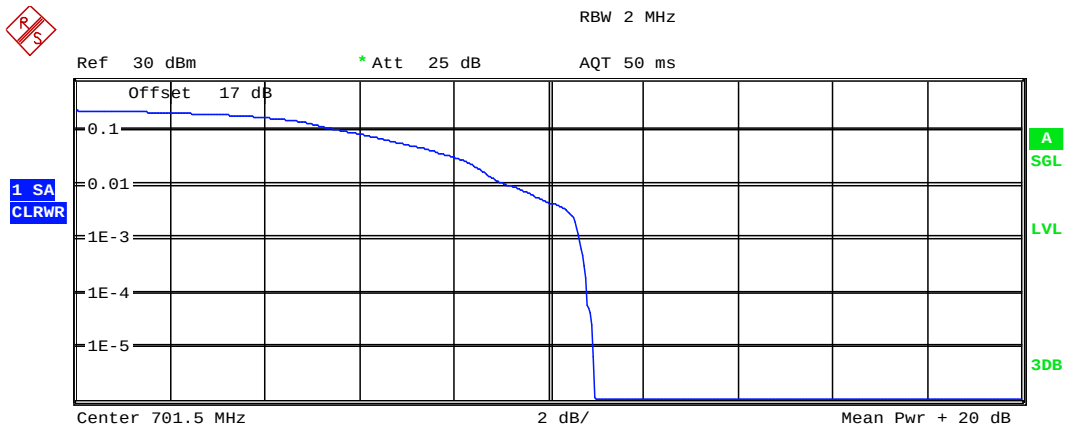
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.44 dBm
Peak	24.91 dBm
Crest	11.48 dB
10 %	6.22 dB
1 %	9.42 dB
.1 %	10.58 dB
.01 %	11.31 dB

Peak To Average Ratio BAND12_QPSK_5MHz_CH23155 FRB

Date: 19.APR.2019 13:50:18

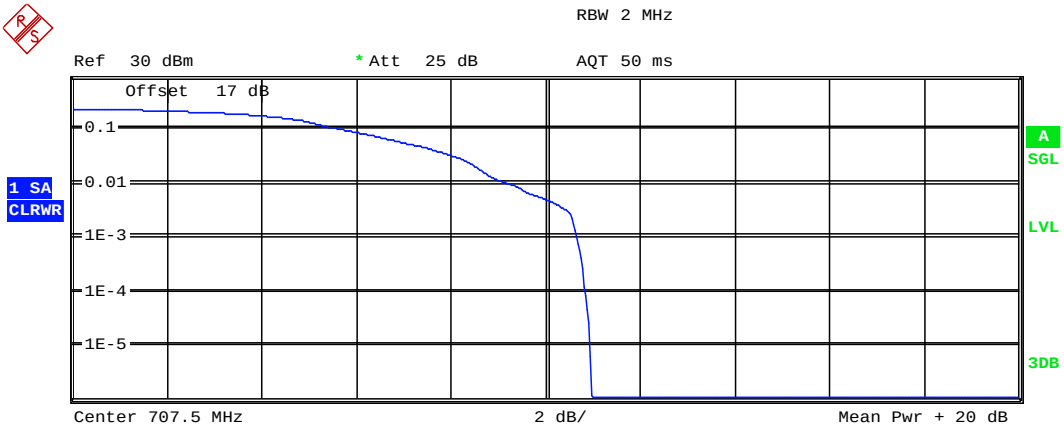
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.64 dBm
Peak	27.59 dBm
Crest	10.95 dB
10 %	5.80 dB
1 %	9.20 dB
.1 %	10.67 dB
.01 %	10.83 dB

Peak To Average Ratio BAND12_QPSK_5MHz_CH23035 1RB0
Date: 19.APR.2019 13:48:16

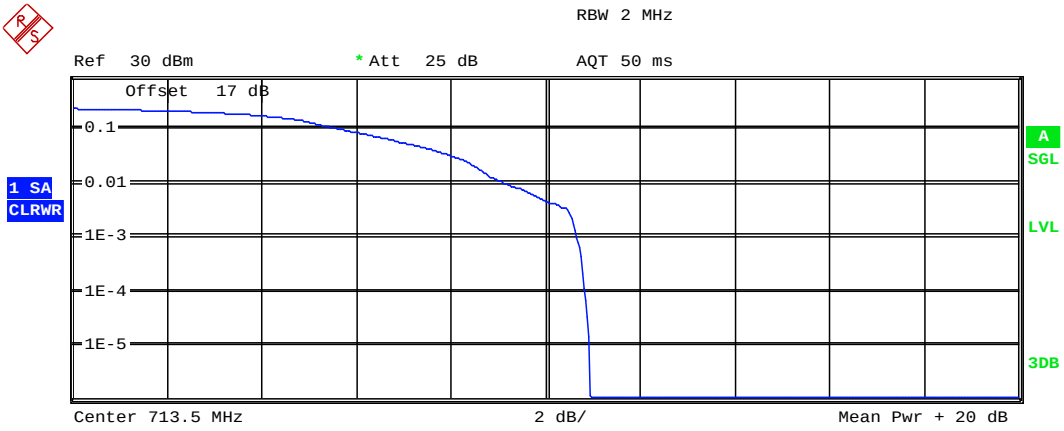


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.64 dBm
Peak	27.59 dBm
Crest	10.95 dB
10 %	5.80 dB
1 %	9.23 dB
.1 %	10.67 dB
.01 %	10.83 dB

Peak To Average Ratio BAND12_QPSK_5MHz_CH23095 1RB0

Date: 19.APR.2019 13:48:50



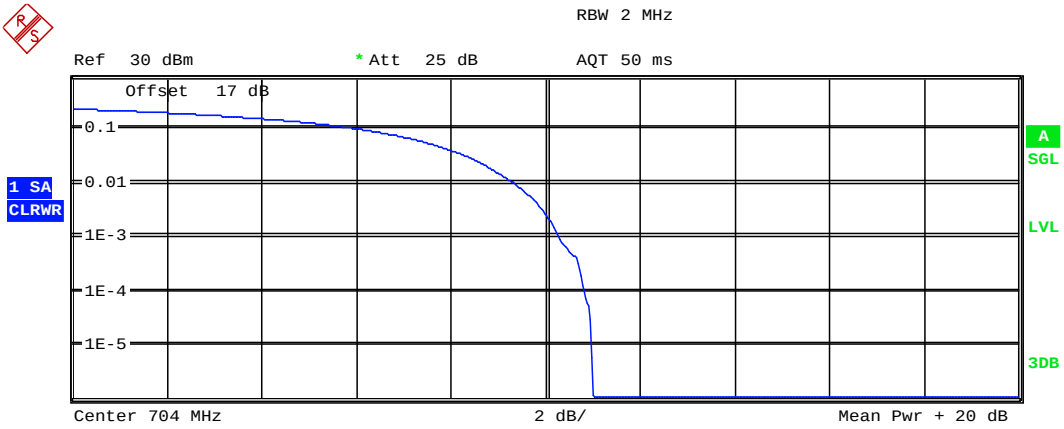
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.66 dBm
Peak	27.59 dBm
Crest	10.94 dB
10 %	5.80 dB
1 %	9.17 dB
.1 %	10.67 dB
.01 %	10.83 dB

Peak To Average Ratio BAND12_QPSK_5MHz_CH23155 1RB0

Date: 19.APR.2019 13:50:43

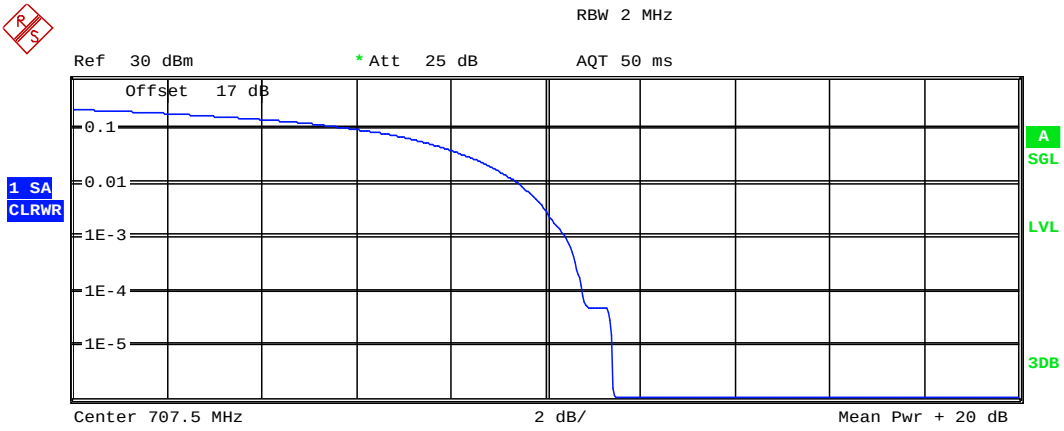
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.07 dBm
Peak	25.05 dBm
Crest	10.98 dB
10 %	6.19 dB
1 %	9.33 dB
.1 %	10.29 dB
.01 %	10.83 dB

Peak To Average Ratio BAND12_QPSK_10MHz_CH23060 FRB
Date: 19.APR.2019 13:54:35

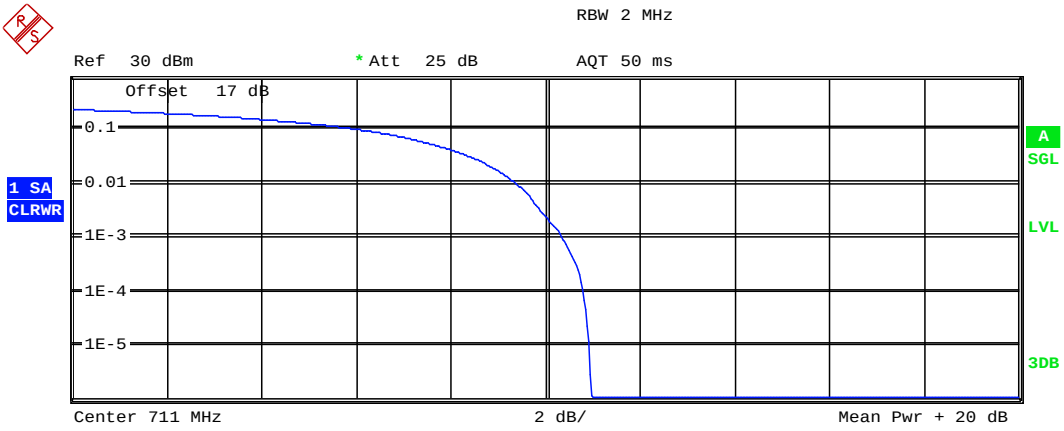


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.19 dBm
Peak	25.62 dBm
Crest	11.43 dB
10 %	6.15 dB
1 %	9.42 dB
.1 %	10.42 dB
.01 %	10.80 dB

Peak To Average Ratio BAND12_QPSK_10MHz_CH23095 FRB

Date: 19.APR.2019 13:56:32



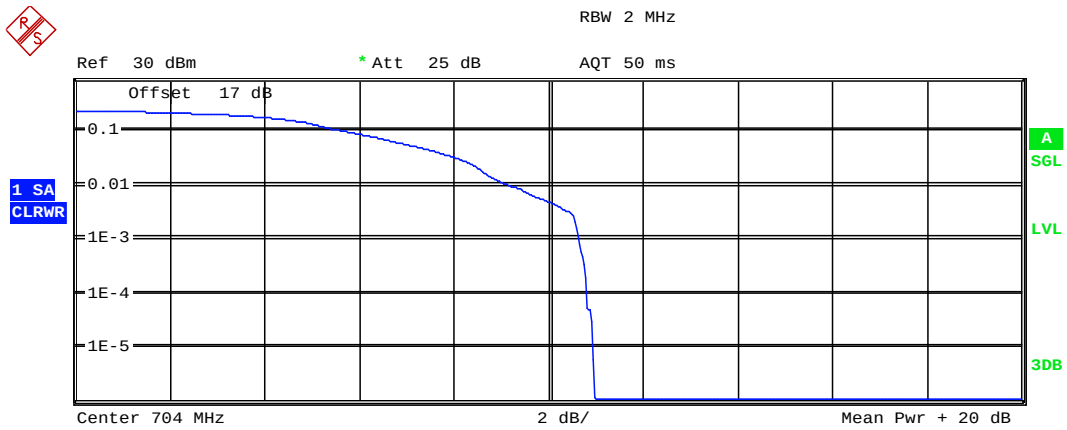
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.32 dBm
Peak	24.28 dBm
Crest	10.95 dB
10 %	6.19 dB
1 %	9.39 dB
.1 %	10.35 dB
.01 %	10.80 dB

Peak To Average Ratio BAND12_QPSK_10MHz_CH23130 FRB

Date: 19.APR.2019 14:03:08

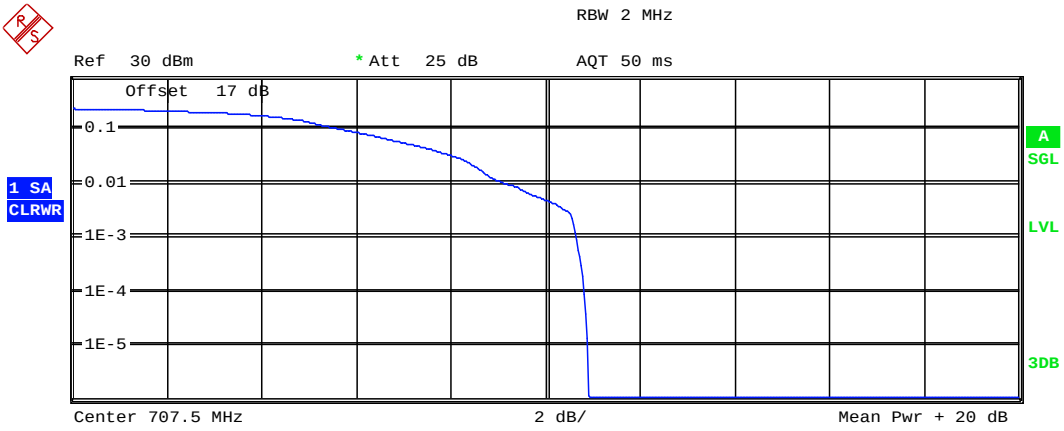
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.78 dBm
Peak	27.73 dBm
Crest	10.95 dB
10 %	5.80 dB
1 %	9.20 dB
.1 %	10.64 dB
.01 %	10.83 dB

Peak To Average Ratio BAND12_QPSK_10MHz_CH23060 1RB0
Date: 19.APR.2019 13:55:26

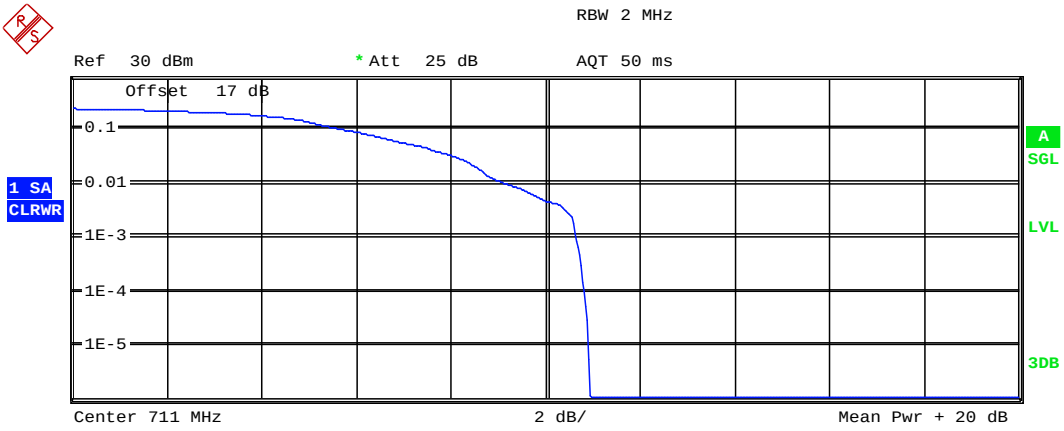


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.69 dBm
Peak	27.59 dBm
Crest	10.90 dB
10 %	5.80 dB
1 %	9.20 dB
.1 %	10.67 dB
.01 %	10.83 dB

Peak To Average Ratio BAND12_QPSK_10MHz_CH23095 1RB0

Date: 19.APR.2019 13:56:01



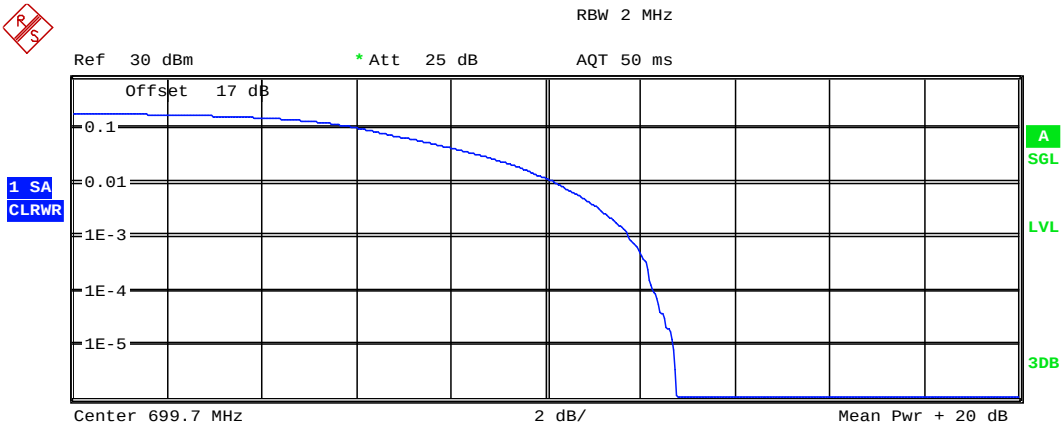
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	16.74 dBm
Peak	27.66 dBm
Crest	10.92 dB
10 %	5.80 dB
1 %	9.20 dB
.1 %	10.64 dB
.01 %	10.83 dB

Peak To Average Ratio BAND12_QPSK_10MHz_CH23130 1RB0

Date: 19.APR.2019 14:02:34

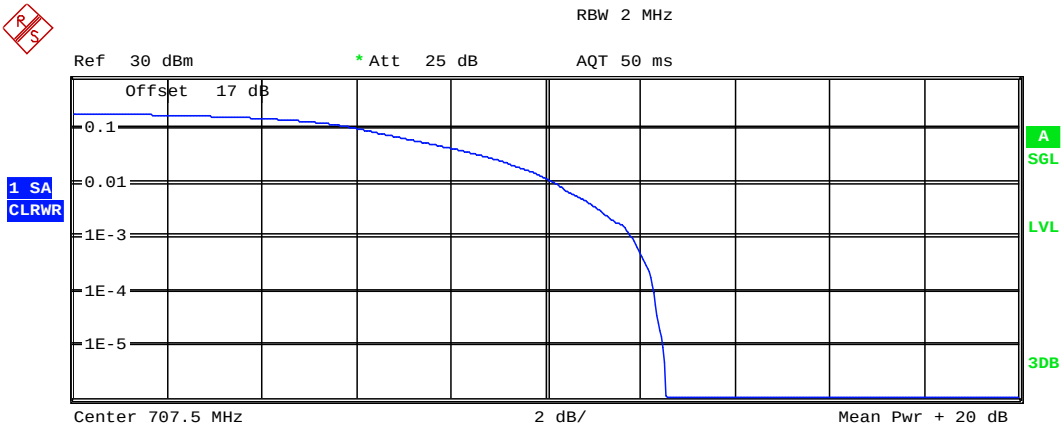
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
14M
FRB



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.21 dBm
Peak	25.97 dBm
Crest	12.76 dB
10 %	6.25 dB
1 %	10.26 dB
.1 %	11.76 dB
.01 %	12.28 dB

Peak To Average Ratio BAND12_QPSK_1.4MHz_CH23017 FRB
Date: 19.APR.2019 13:24:00

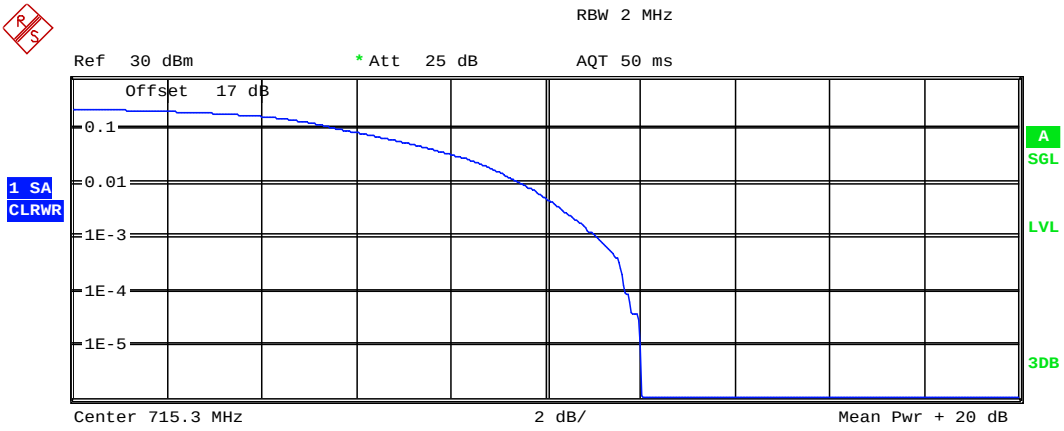


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	13.35 dBm
Peak	25.90 dBm
Crest	12.54 dB
10 %	6.22 dB
1 %	10.22 dB
.1 %	11.83 dB
.01 %	12.31 dB

Peak To Average Ratio BAND12_QPSK_1.4MHz_CH23095 FRB

Date: 19.APR.2019 13:27:03



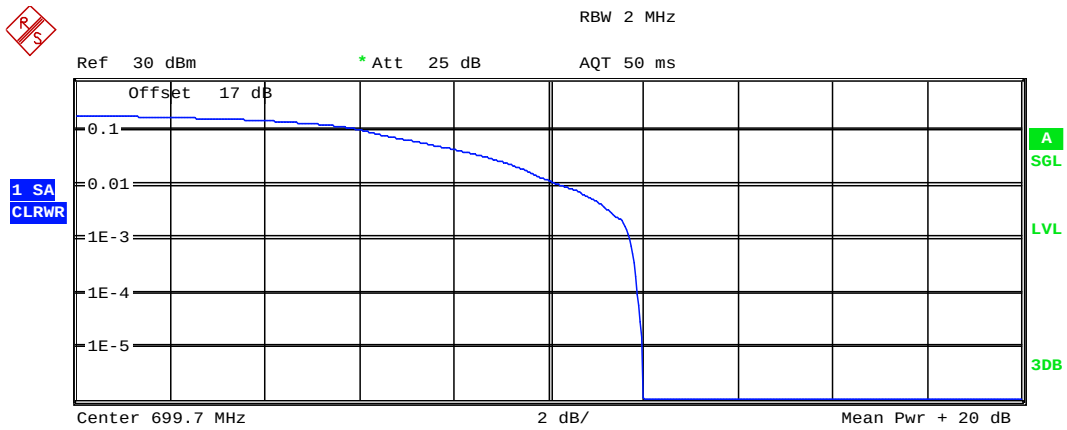
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	14.16 dBm
Peak	26.18 dBm
Crest	12.02 dB
10 %	5.77 dB
1 %	9.49 dB
.1 %	11.09 dB
.01 %	11.70 dB

Peak To Average Ratio BAND12_QPSK_1.4MHz_CH23173 FRB

Date: 19.APR.2019 13:27:51

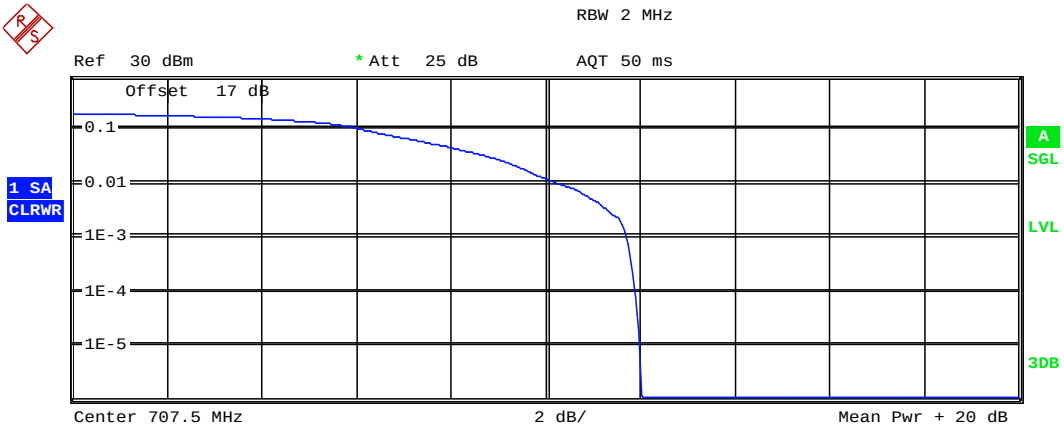
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.17 dBm
Peak	27.17 dBm
Crest	12.00 dB
10 %	6.22 dB
1 %	10.32 dB
.1 %	11.73 dB
.01 %	11.89 dB

Peak To Average Ratio BAND12_QPSK_1.4MHz_CH23017 1RB0
Date: 19.APR.2019 13:24:24

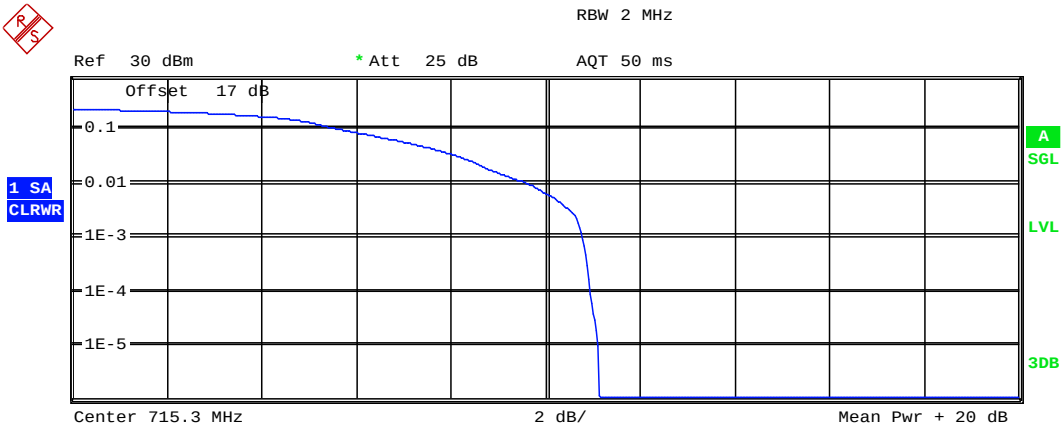


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.30 dBm
Peak	27.31 dBm
Crest	12.01 dB
10 %	6.22 dB
1 %	10.29 dB
.1 %	11.73 dB
.01 %	11.89 dB

Peak To Average Ratio BAND12_QPSK_1.4MHz_CH23095 1RB0

Date: 19.APR.2019 13:26:32



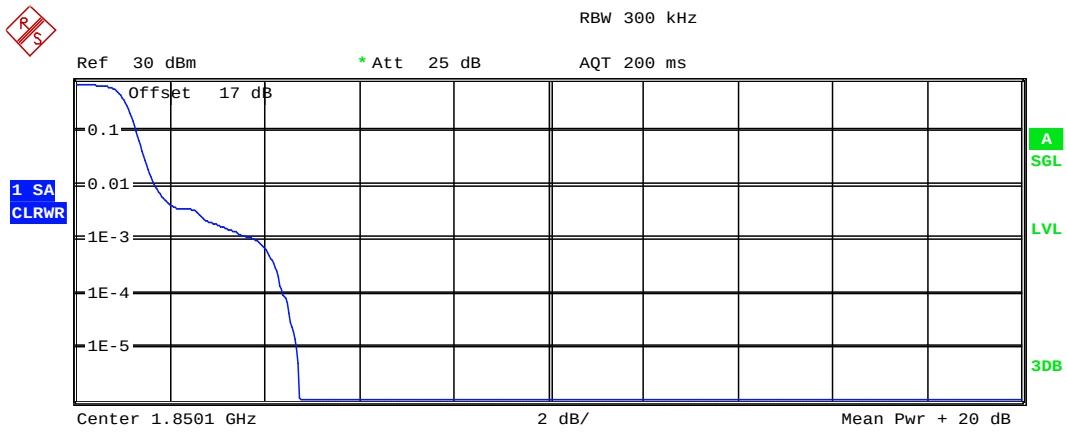
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 1.7MHz

	Trace 1
Mean	15.89 dBm
Peak	27.03 dBm
Crest	11.14 dB
10 %	5.77 dB
1 %	9.65 dB
.1 %	10.80 dB
.01 %	10.96 dB

Peak To Average Ratio BAND12_QPSK_1.4MHz_CH23173 1RB0

Date: 19.APR.2019 13:29:01

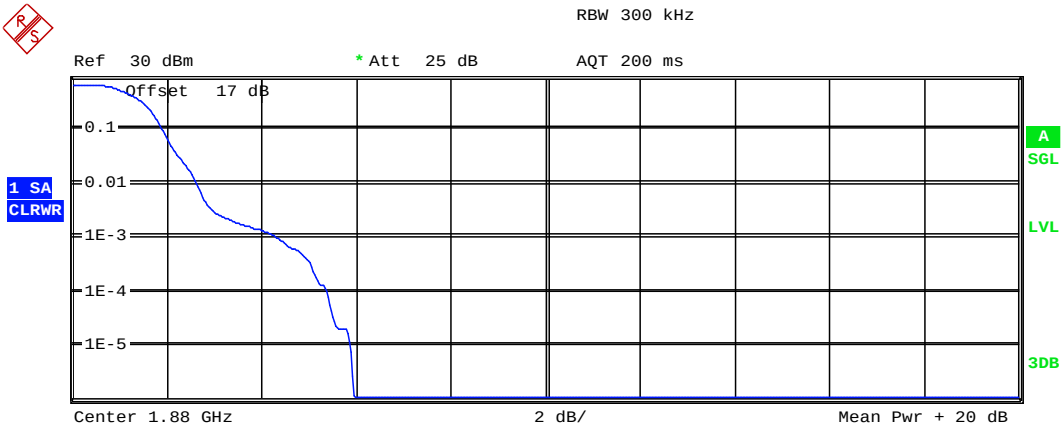
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Cat NB1
Band II
3.75kHz
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	15.94 dBm
Peak	20.68 dBm
Crest	4.74 dB
10 %	1.28 dB
1 %	1.67 dB
.1 %	3.78 dB
.01 %	4.39 dB

Peak To Average Ratio BAND2_BPSK_3.75KHz_CH18601 1RB0
Date: 19.APR.2019 17:11:24

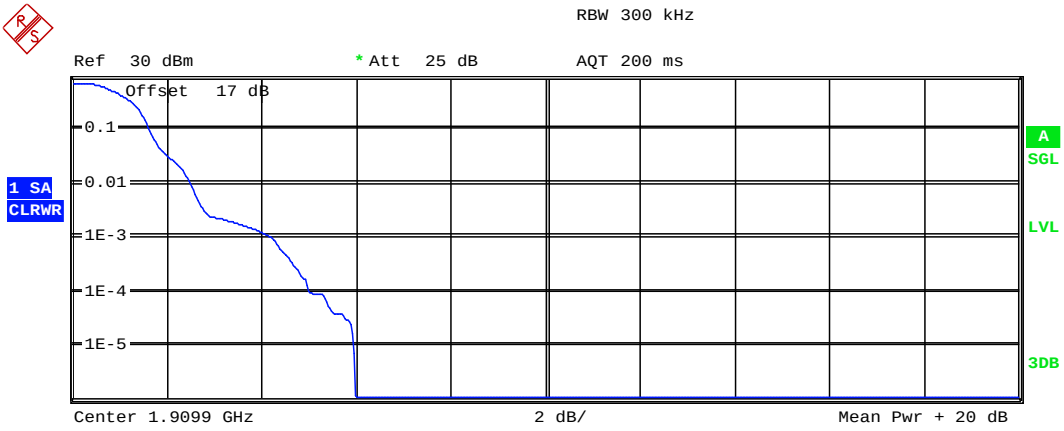


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	16.43 dBm
Peak	22.37 dBm
Crest	5.94 dB
10 %	1.89 dB
1 %	2.63 dB
.1 %	4.29 dB
.01 %	5.38 dB

Peak To Average Ratio BAND2_BPSK_3.75KHz_CH18900 1RB0

Date: 19.APR.2019 17:21:24



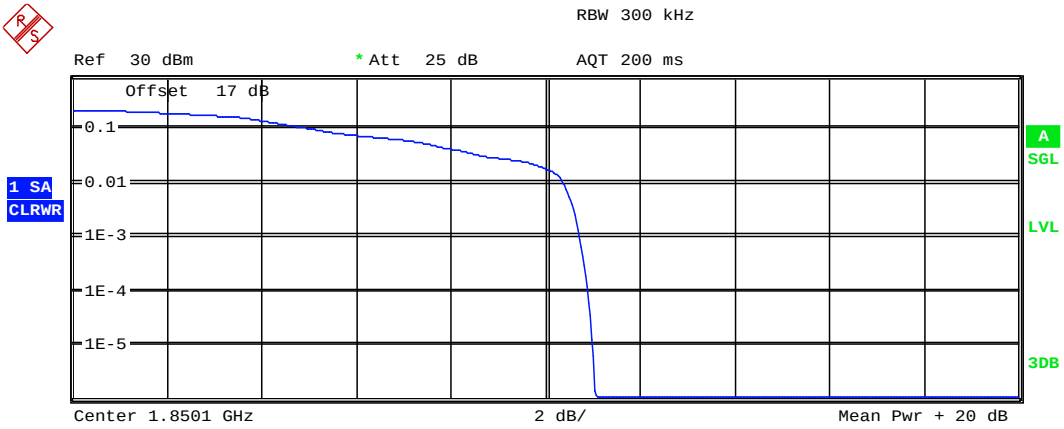
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	16.54 dBm
Peak	22.51 dBm
Crest	5.98 dB
10 %	1.63 dB
1 %	2.50 dB
.1 %	4.20 dB
.01 %	5.00 dB

Peak To Average Ratio BAND2_BPSK_3.75KHz_CH19199 1RB0

Date: 19.APR.2019 17:26:48

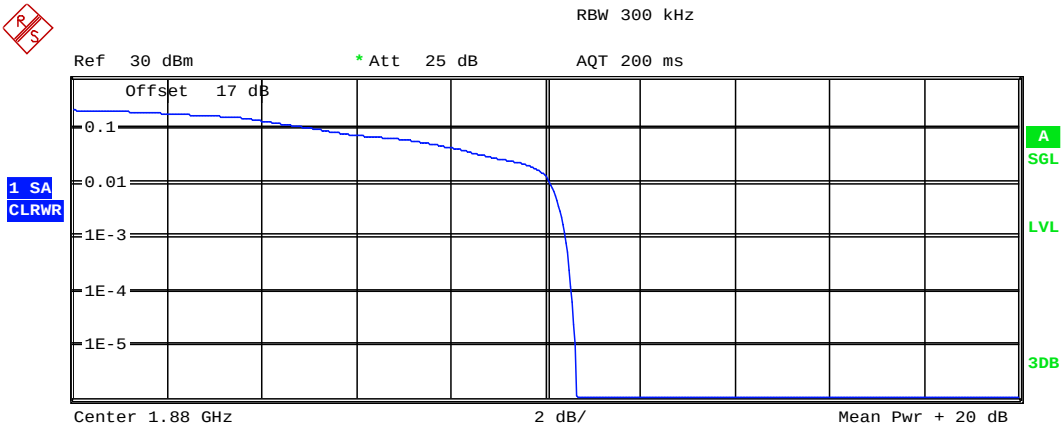
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
3RB3



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	14.57 dBm
Peak	25.62 dBm
Crest	11.05 dB
10 %	5.19 dB
1 %	10.38 dB
.1 %	10.74 dB
.01 %	10.90 dB

Peak To Average Ratio BAND2_QPSK_15KHz_CH18601 3RB3
Date: 19.APR.2019 17:15:03

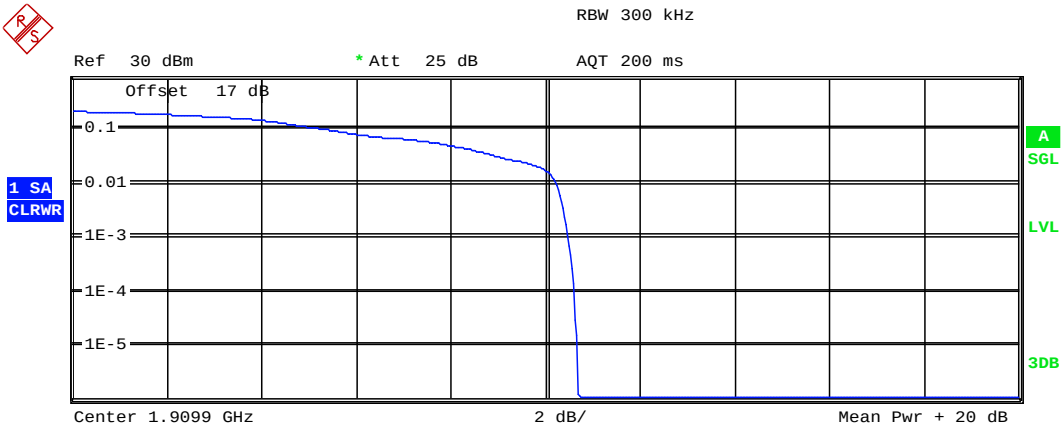


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	15.25 dBm
Peak	25.90 dBm
Crest	10.65 dB
10 %	5.32 dB
1 %	10.10 dB
.1 %	10.45 dB
.01 %	10.54 dB

Peak To Average Ratio BAND2_QPSK_15KHz_CH18900 3RB3

Date: 19.APR.2019 17:17:05



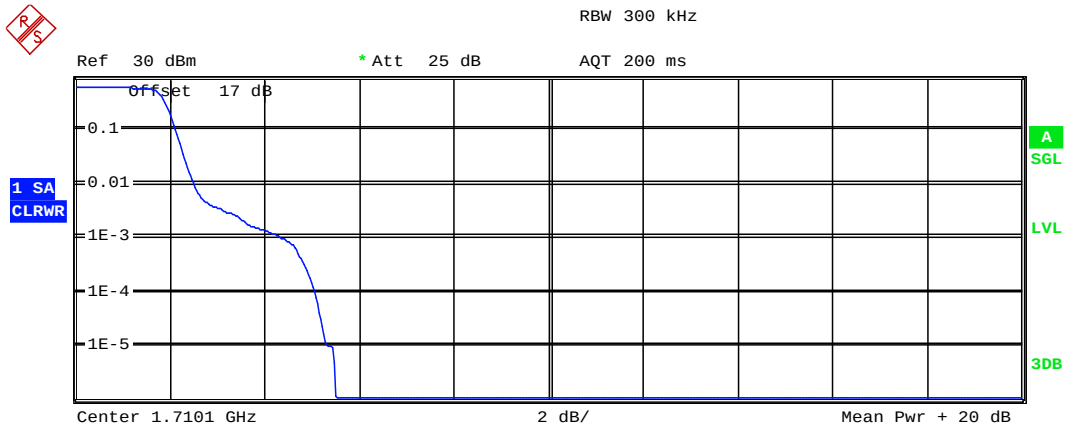
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	15.21 dBm
Peak	25.90 dBm
Crest	10.69 dB
10 %	5.48 dB
1 %	10.22 dB
.1 %	10.48 dB
.01 %	10.61 dB

Peak To Average Ratio BAND2_QPSK_15KHz_CH19199 3RB3

Date: 19.APR.2019 17:32:24

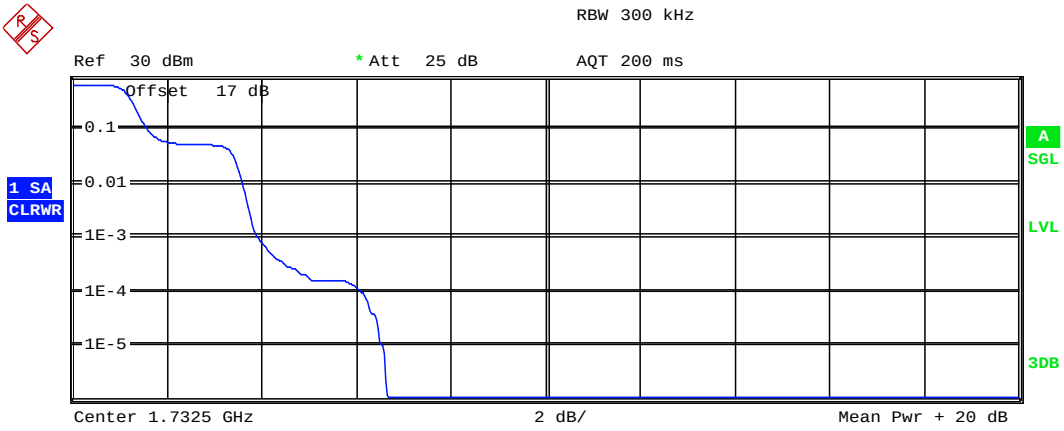
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band IV
3.75kHz
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	15.74 dBm
Peak	21.24 dBm
Crest	5.50 dB
10 %	2.12 dB
1 %	2.50 dB
.1 %	4.36 dB
.01 %	5.06 dB

Peak To Average Ratio BAND4_BPSK_3.75KHz_CH19951 1RB0
Date: 19.APR.2019 17:39:18

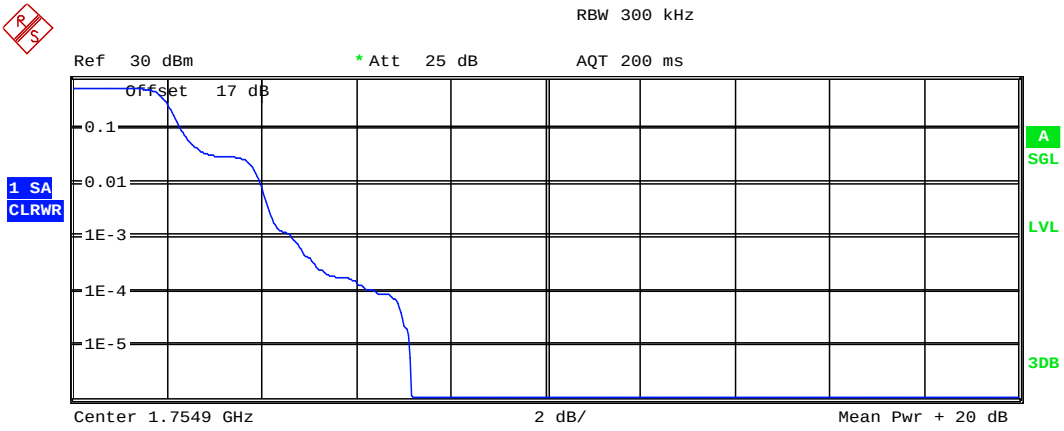


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	16.01 dBm
Peak	22.65 dBm
Crest	6.64 dB
10 %	1.60 dB
1 %	3.59 dB
.1 %	3.91 dB
.01 %	6.09 dB

Peak To Average Ratio BAND4_BPSK_3.75KHz_CH20175 1RB0

Date: 19.APR.2019 17:40:31



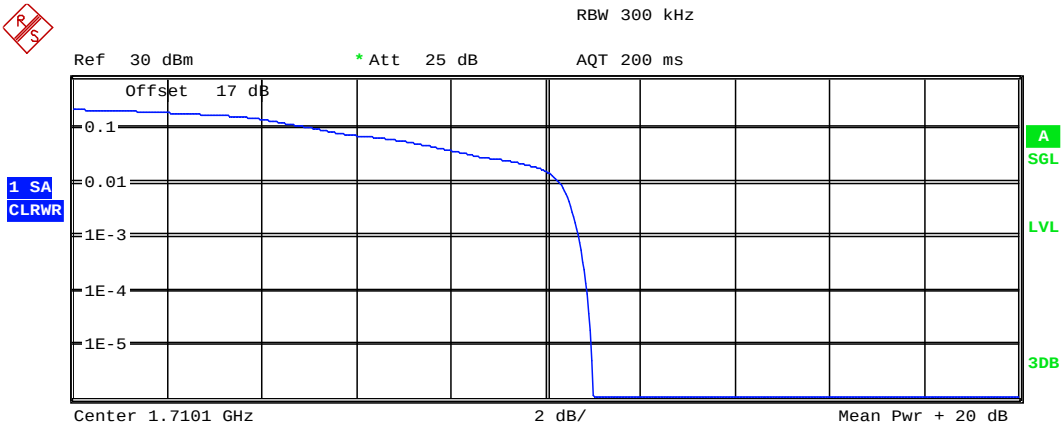
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	15.64 dBm
Peak	22.79 dBm
Crest	7.16 dB
10 %	2.31 dB
1 %	3.97 dB
.1 %	4.62 dB
.01 %	6.38 dB

Peak To Average Ratio BAND4_BPSK_3.75KHz_CH20399 1RB0

Date: 19.APR.2019 17:44:35

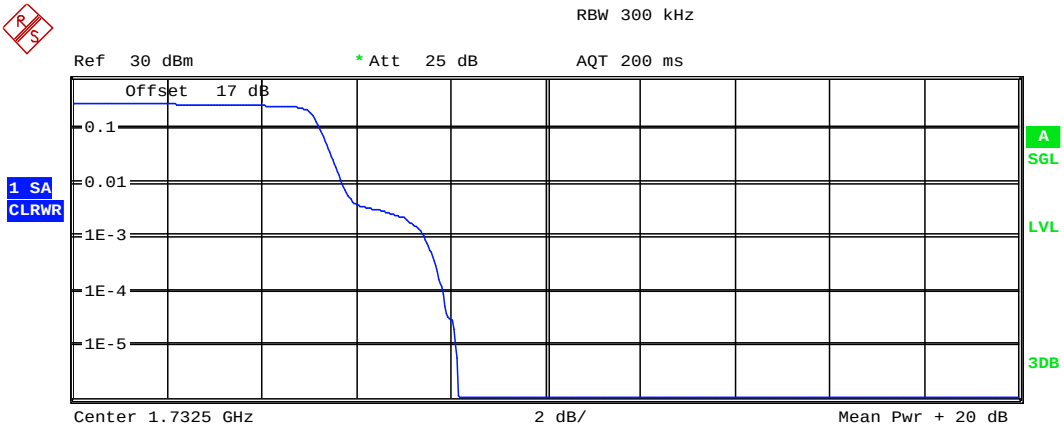
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
3RB3



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	14.77 dBm
Peak	25.76 dBm
Crest	10.99 dB
10 %	5.32 dB
1 %	10.32 dB
.1 %	10.71 dB
.01 %	10.90 dB

Peak To Average Ratio BAND4_QPSK_15KHz_CH19951 3RB3
Date: 19.APR.2019 17:36:16

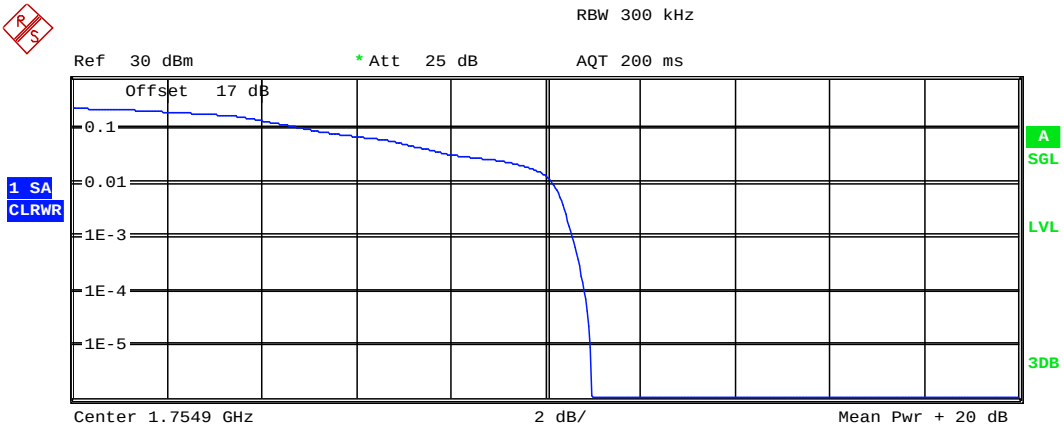


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	12.09 dBm
Peak	20.25 dBm
Crest	8.17 dB
10 %	5.26 dB
1 %	5.71 dB
.1 %	7.44 dB
.01 %	7.82 dB

Peak To Average Ratio BAND4_QPSK_15KHz_CH20175 3RB3

Date: 19.APR.2019 17:41:47



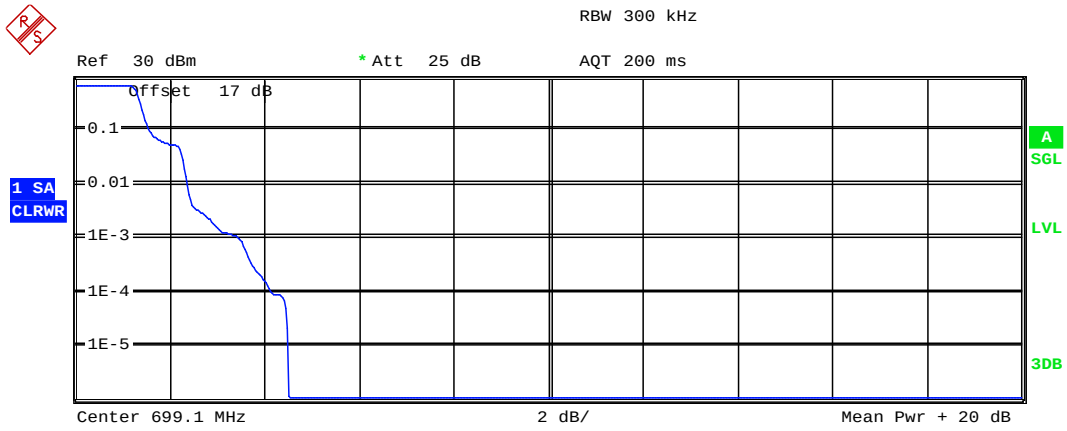
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	14.93 dBm
Peak	25.90 dBm
Crest	10.96 dB
10 %	5.10 dB
1 %	10.16 dB
.1 %	10.58 dB
.01 %	10.83 dB

Peak To Average Ratio BAND4_QPSK_15KHz_CH20399 3RB3

Date: 19.APR.2019 17:43:15

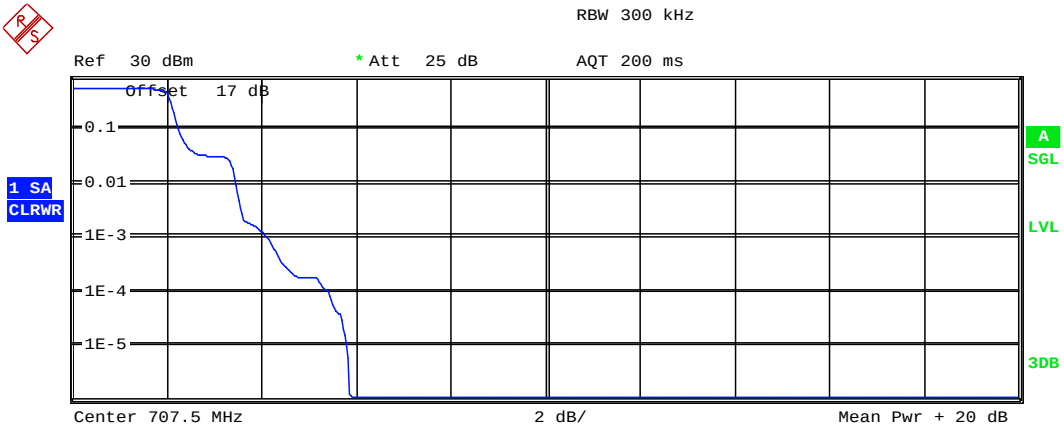
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band XII
3.75kHz
1RB0



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	17.59 dBm
Peak	22.09 dBm
Crest	4.50 dB
10 %	1.57 dB
1 %	2.37 dB
.1 %	3.43 dB
.01 %	4.13 dB

Peak To Average Ratio BAND12_BPSK_3.75KHz_CH23011 1RB0
Date: 19.APR.2019 17:46:32

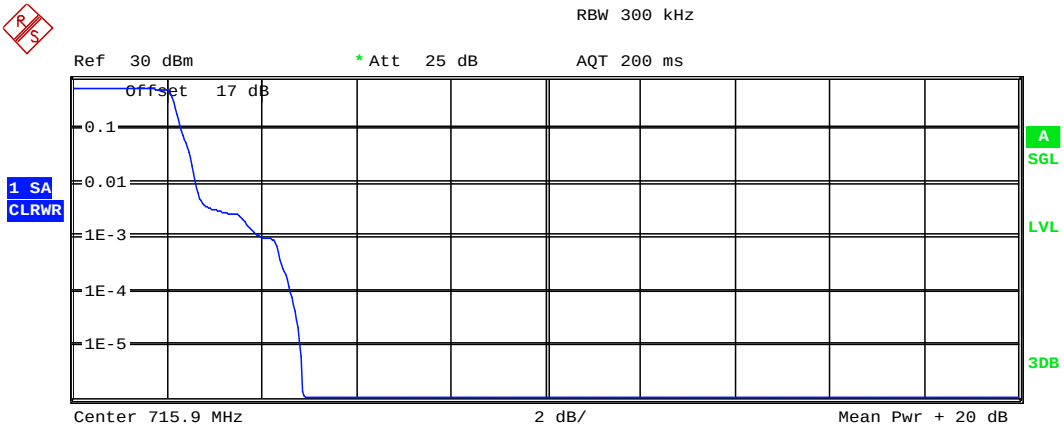


Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	16.93 dBm
Peak	22.79 dBm
Crest	5.86 dB
10 %	2.24 dB
1 %	3.46 dB
.1 %	4.10 dB
.01 %	5.42 dB

Peak To Average Ratio BAND12_BPSK_3.75KHz_CH23095 1RB0

Date: 19.APR.2019 17:49:56



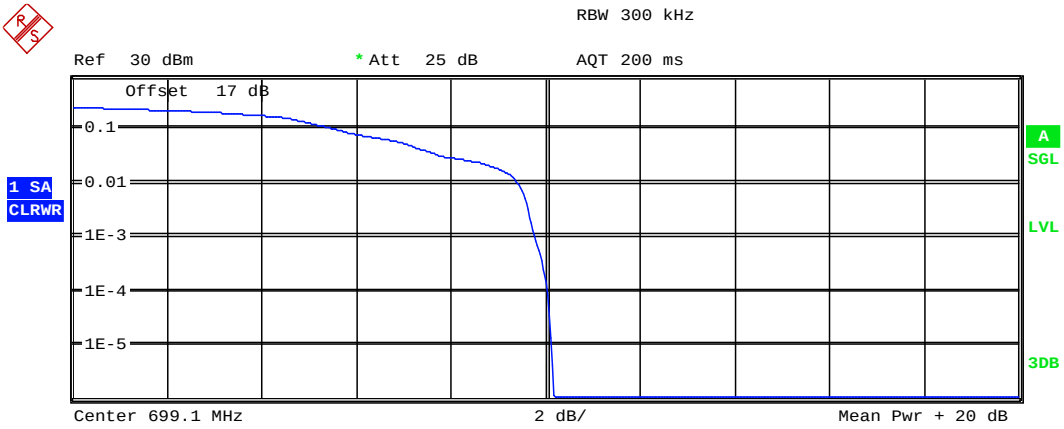
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	16.86 dBm
Peak	21.74 dBm
Crest	4.87 dB
10 %	2.31 dB
1 %	2.60 dB
.1 %	4.04 dB
.01 %	4.62 dB

Peak To Average Ratio BAND12_BPSK_3.75KHz_CH23179 1RB0

Date: 19.APR.2019 17:51:00

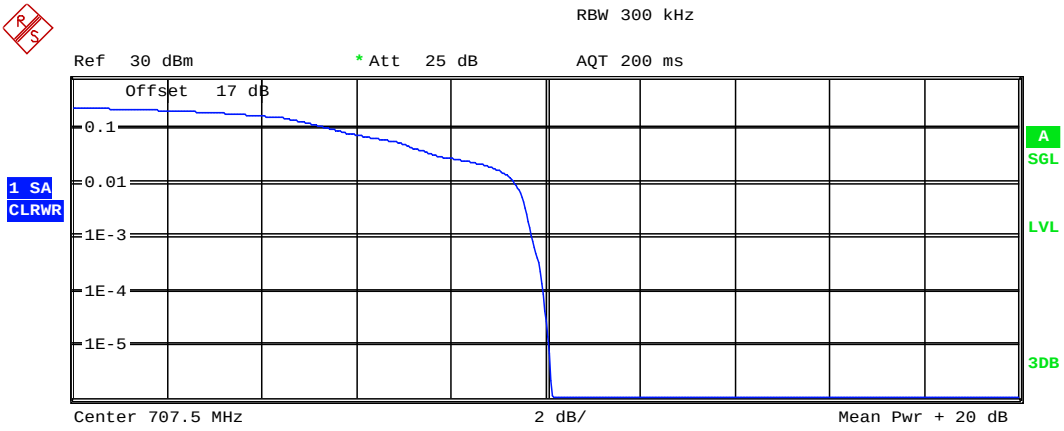
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
3RB3



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	15.39 dBm
Peak	25.55 dBm
Crest	10.16 dB
10 %	5.61 dB
1 %	9.42 dB
.1 %	9.78 dB
.01 %	10.06 dB

Peak To Average Ratio BAND12_QPSK_15KHz_CH23011 3RB3
Date: 19.APR.2019 17:48:00



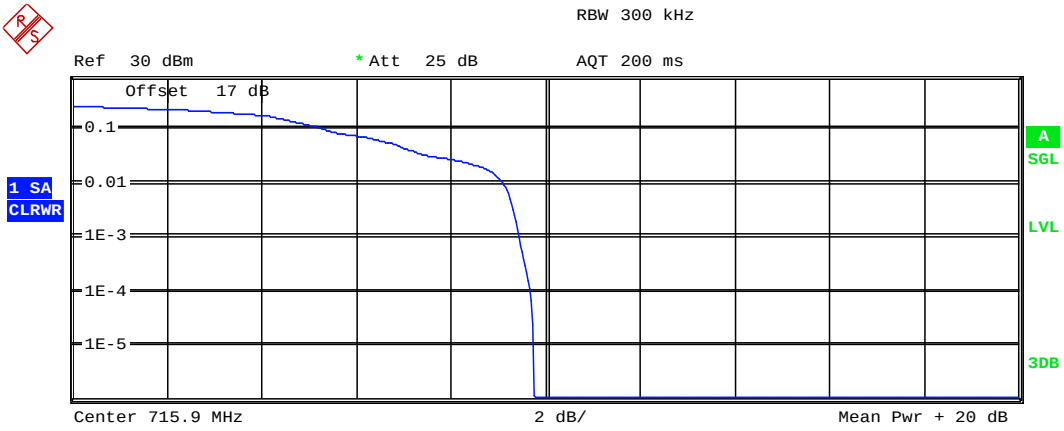
Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	15.28 dBm
Peak	25.40 dBm
Crest	10.13 dB
10 %	5.61 dB
1 %	9.36 dB
.1 %	9.71 dB
.01 %	9.97 dB

Peak To Average Ratio BAND12_QPSK_15KHz_CH23095 3RB3

Date: 19.APR.2019 17:48:55

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT



Complementary Cumulative Distribution Function
NOF samples: 100000, Usable BW: 315kHz

	Trace 1
Mean	15.80 dBm
Peak	25.55 dBm
Crest	9.75 dB
10 %	5.38 dB
1 %	9.10 dB
.1 %	9.46 dB
.01 %	9.68 dB

Peak To Average Ratio BAND12_QPSK_15KHz_CH23179 3RB3

Date: 19.APR.2019 17:53:23

Limit according to FCC §24.232 and §27.50, The peak-to-average ratio(PAR) of the transmission may not exceed 13dB.
Test equipment: ETSTW-RE 055, ETSTW-GSM 002, ETSTW-GSM 023, ETSTW-GSM 024

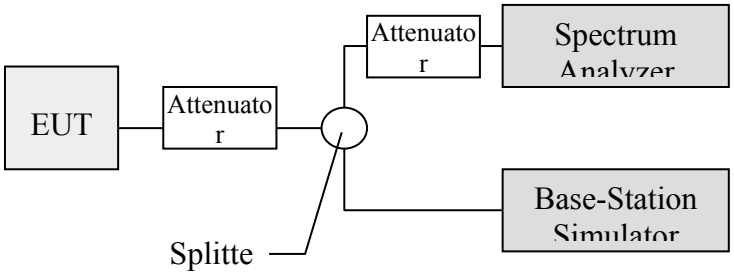
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT

6. Occupied Bandwidth

The occupied bandwidth (OBW) is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to a specified percentage 0.5% of the total mean transmitted power.
The 26 dB occupied bandwidth is the width of a frequency band such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal 26 dB.
The 26 dB emission bandwidth 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 26 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 equal to approximately 1.0% of the emission bandwidth.

6.1 Test procedure

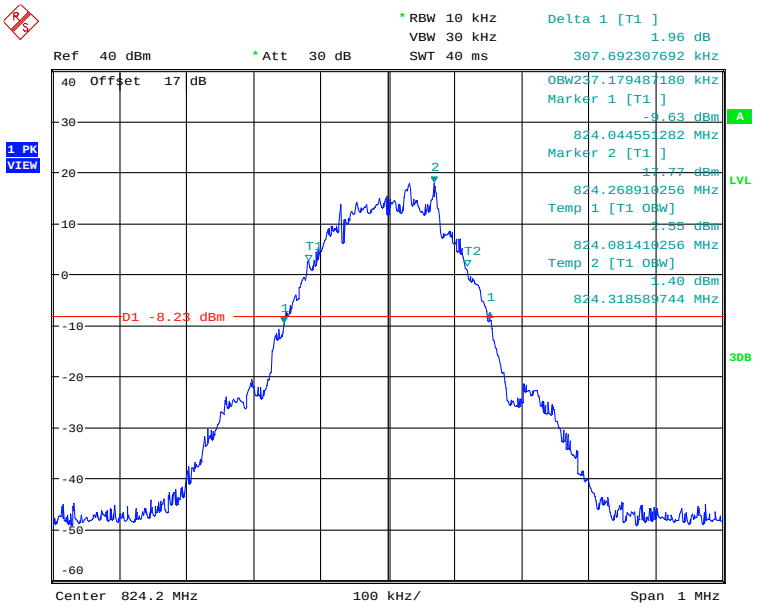
The RF output of the transceiver was connected as the following figure.
Occupied Bandwidth was measured with a occupied bandwidth function of the analyzer at 99% power was occupied. Then set the spectrum analyzer to cover the upper and lower band edges to measure emission mask.



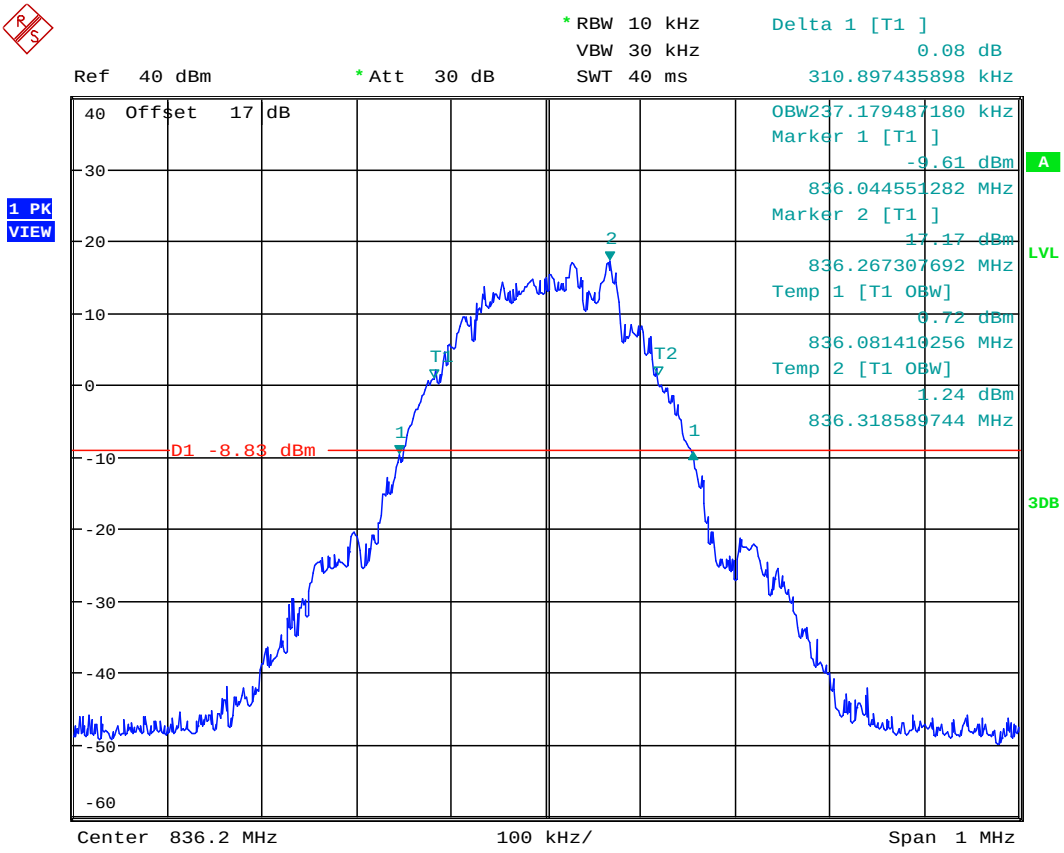
6.2 Test Results

Occupied Channel Bandwidth

GSM
Band 850 MHz

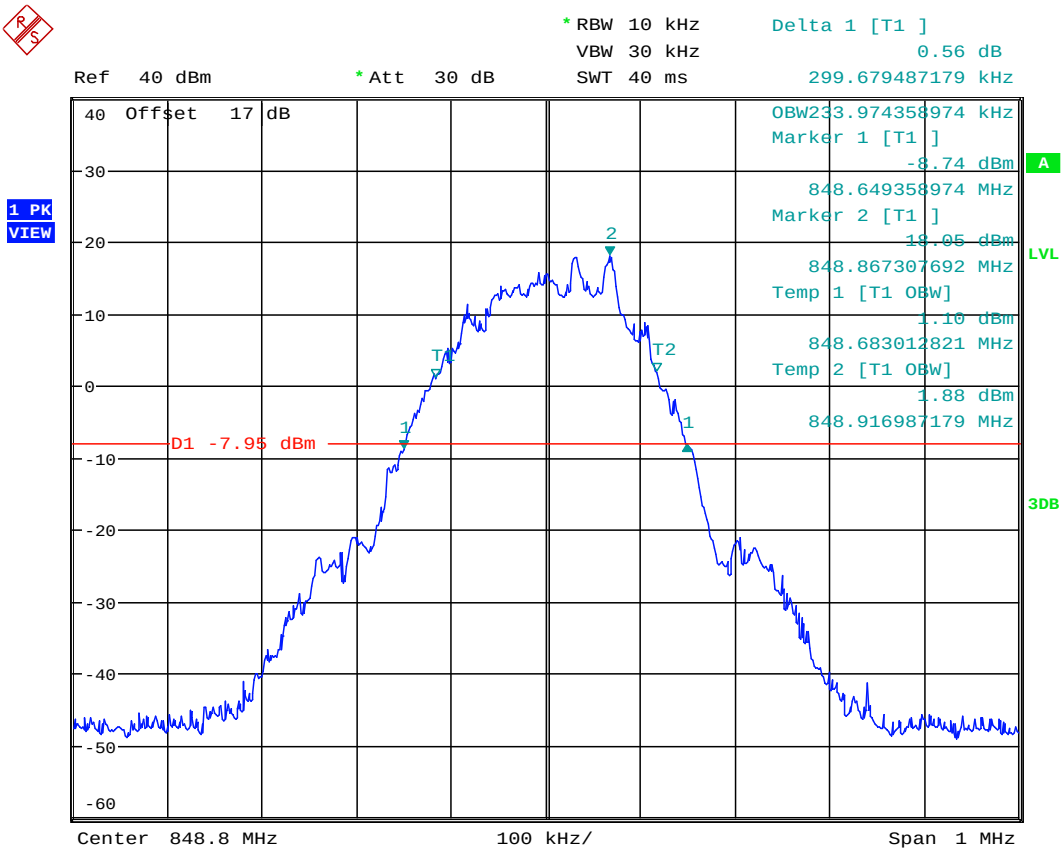


99% OBW 26DB BW CH128
Date: 6.MAY.2019 15:20:30



99% OBW 26DB BW CH188

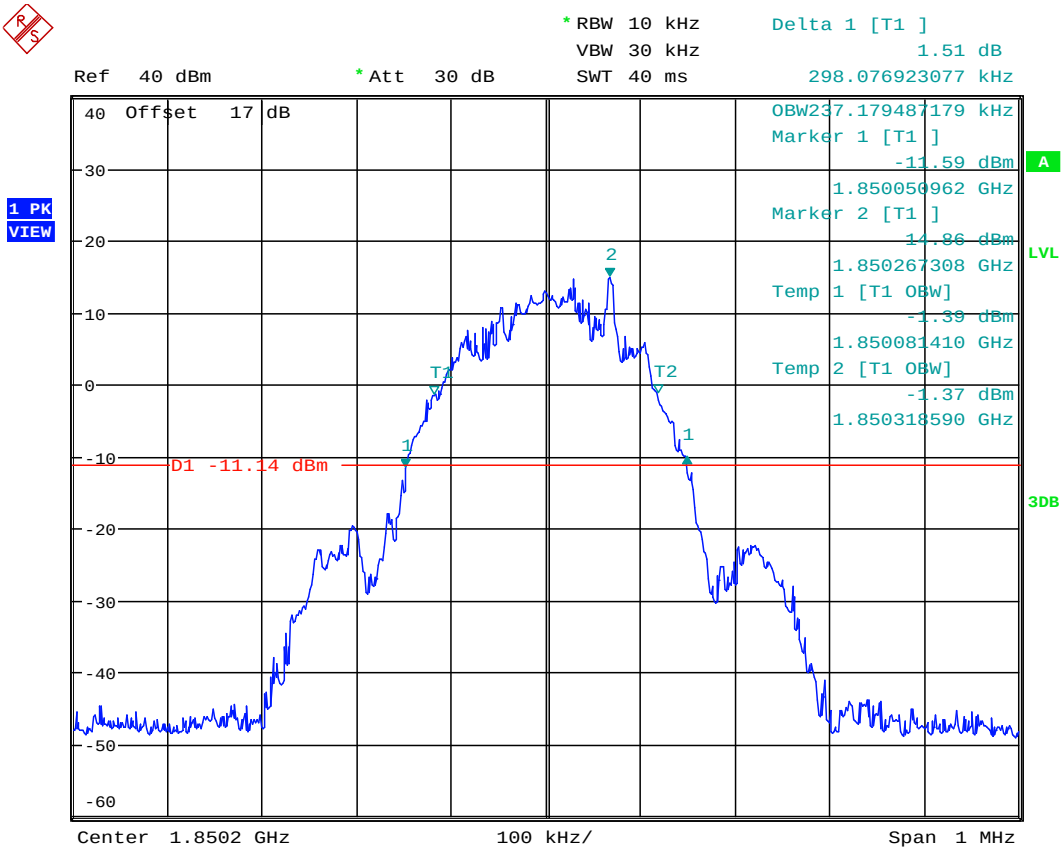
Date: 6.MAY.2019 15:21:57



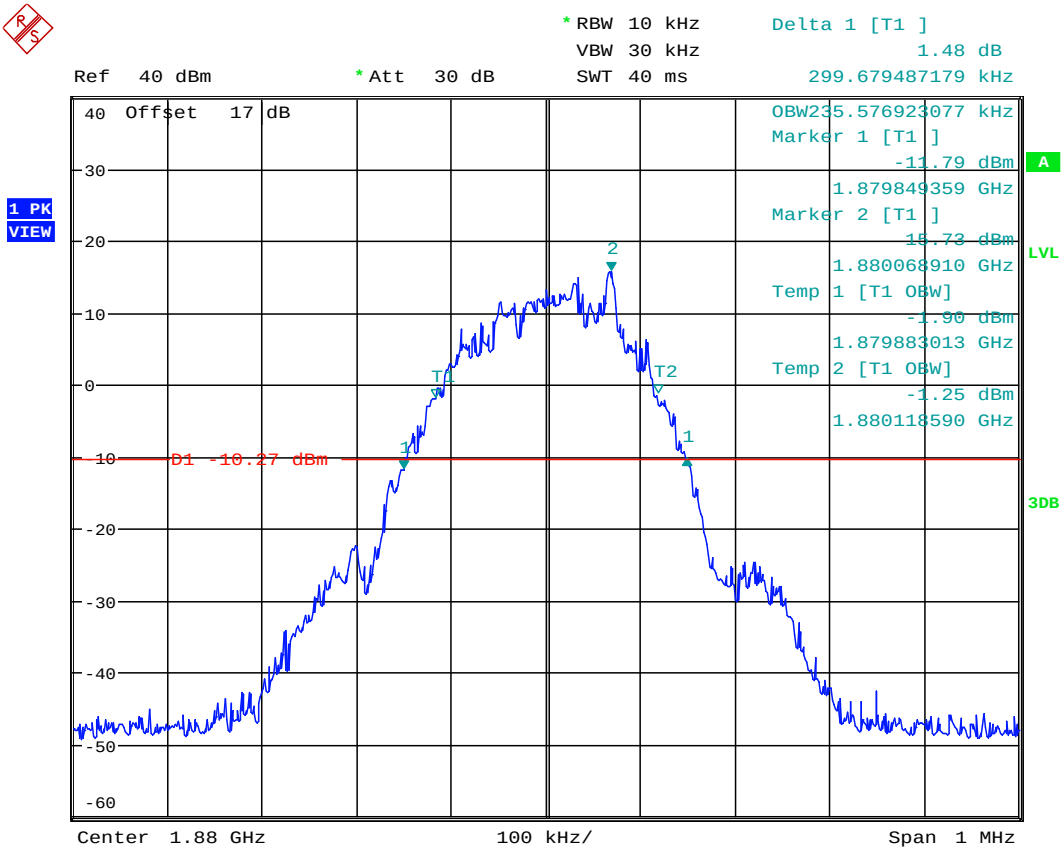
99% OBW 26DB BW CH251

Date: 6.MAY.2019 15:23:12

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band 1900 MHz

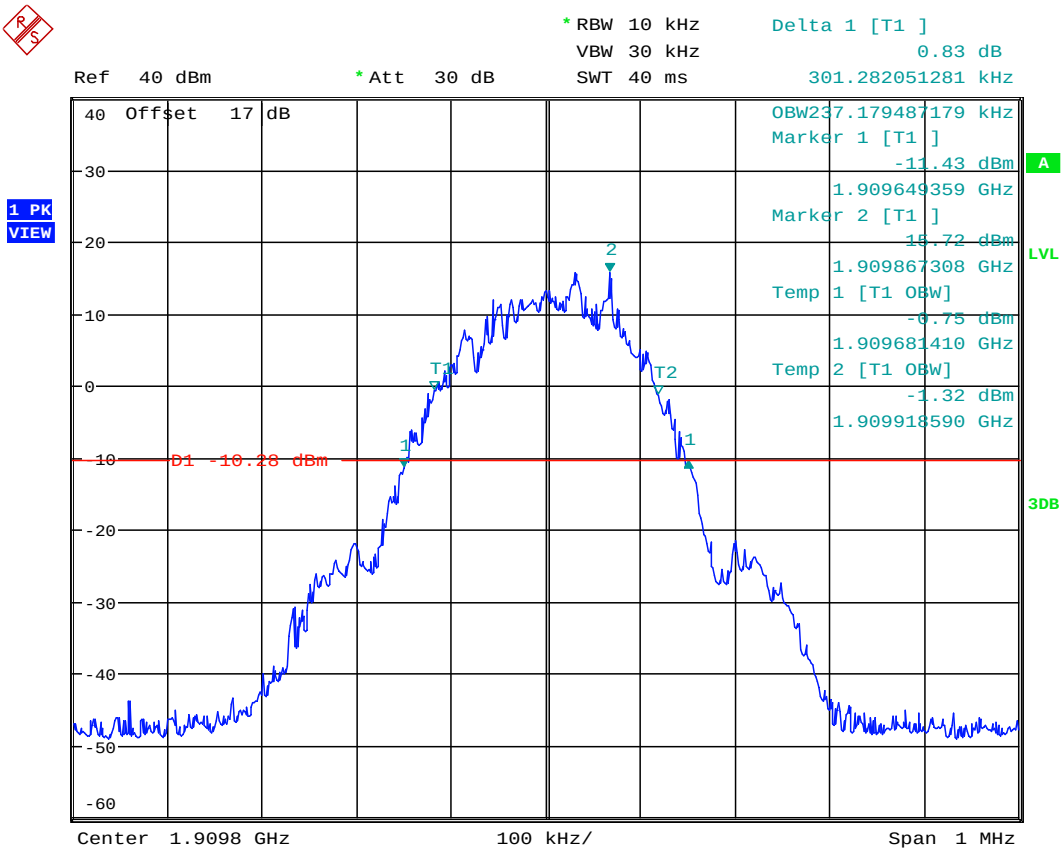


99% OBW 26DB BW CH512
Date: 6.MAY.2019 15:26:27



99% OBW 26DB BW CH661

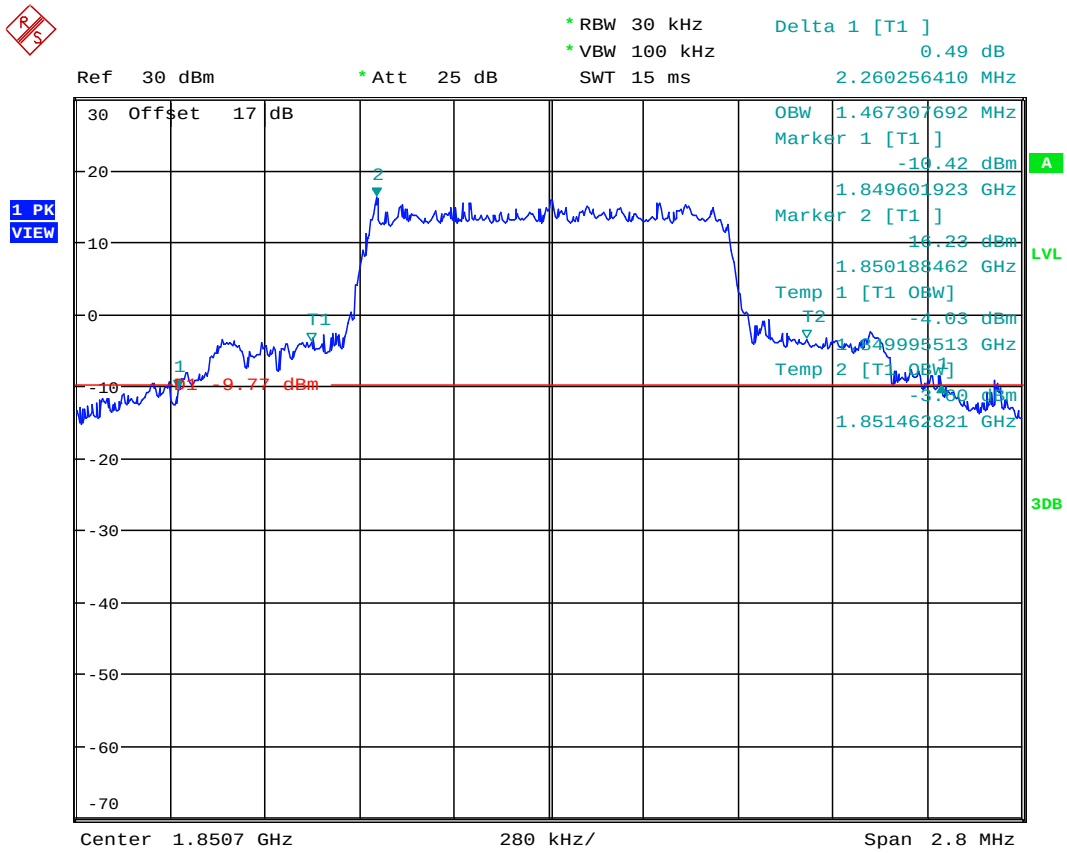
Date: 6.MAY.2019 15:27:30



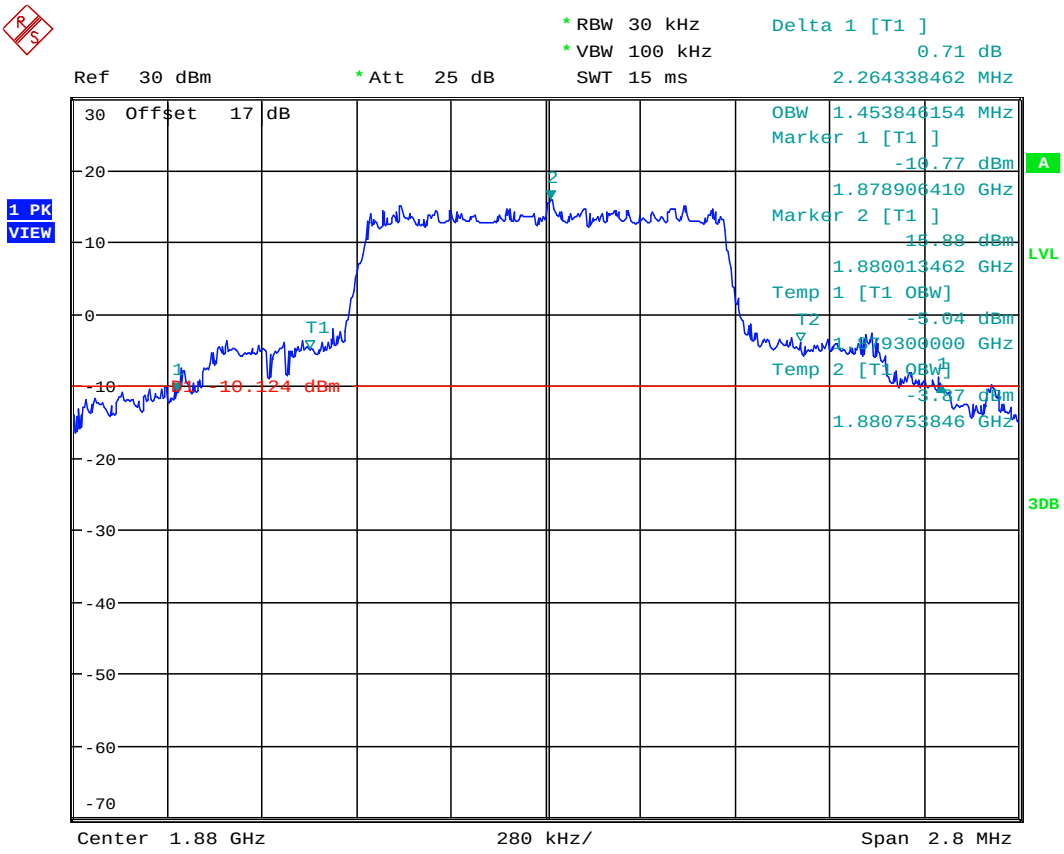
99% OBW 26DB BW CH810

Date: 6.MAY.2019 15:28:25

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Cat M1
Band II
16QAM
1.4MHz

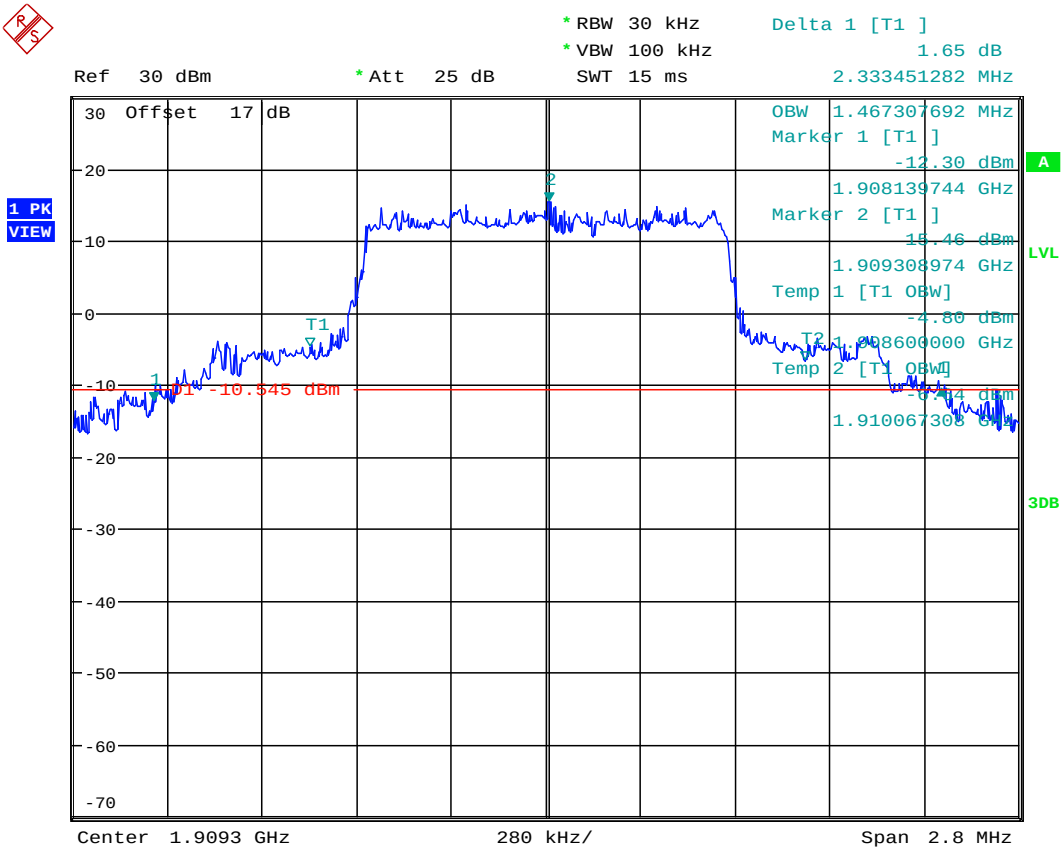


99% OBW &26DB BW BAND2_16QAM_1_4MHz_CH18607
Date: 16.APR.2019 14:02:21



99% OBW &26DB BW BAND2_16QAM_1_4MHz_CH18900

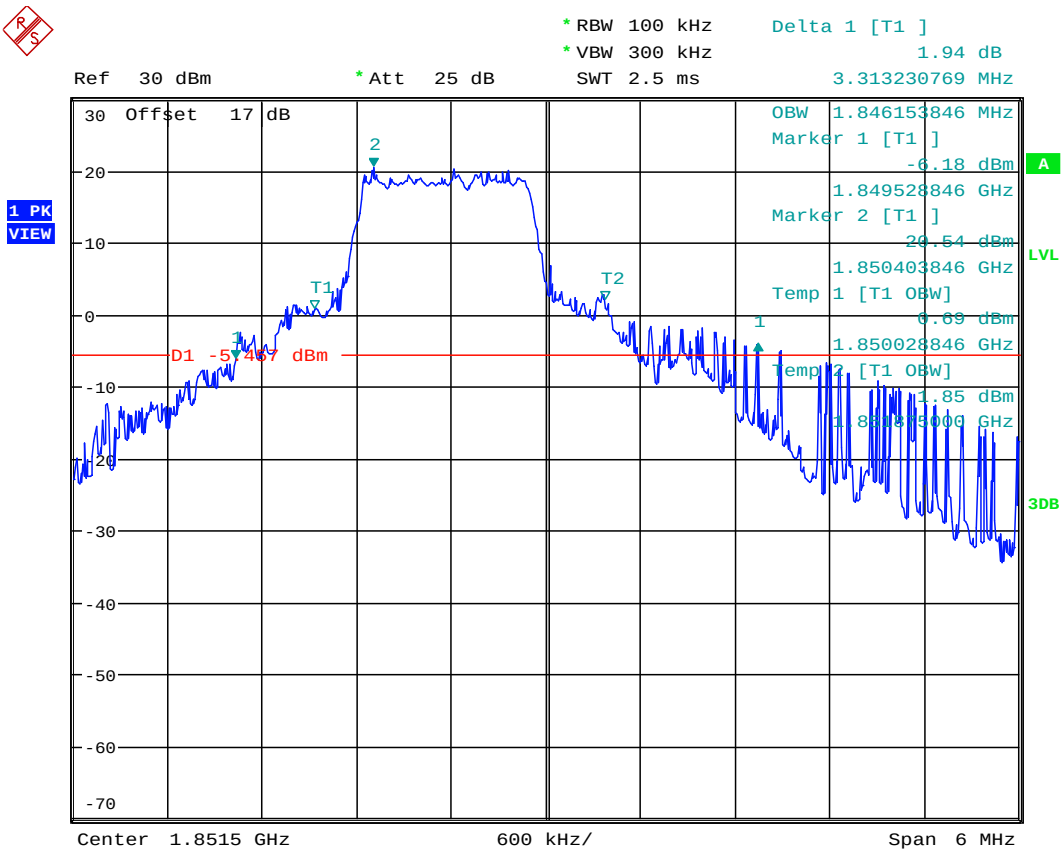
Date: 16.APR.2019 14:04:23



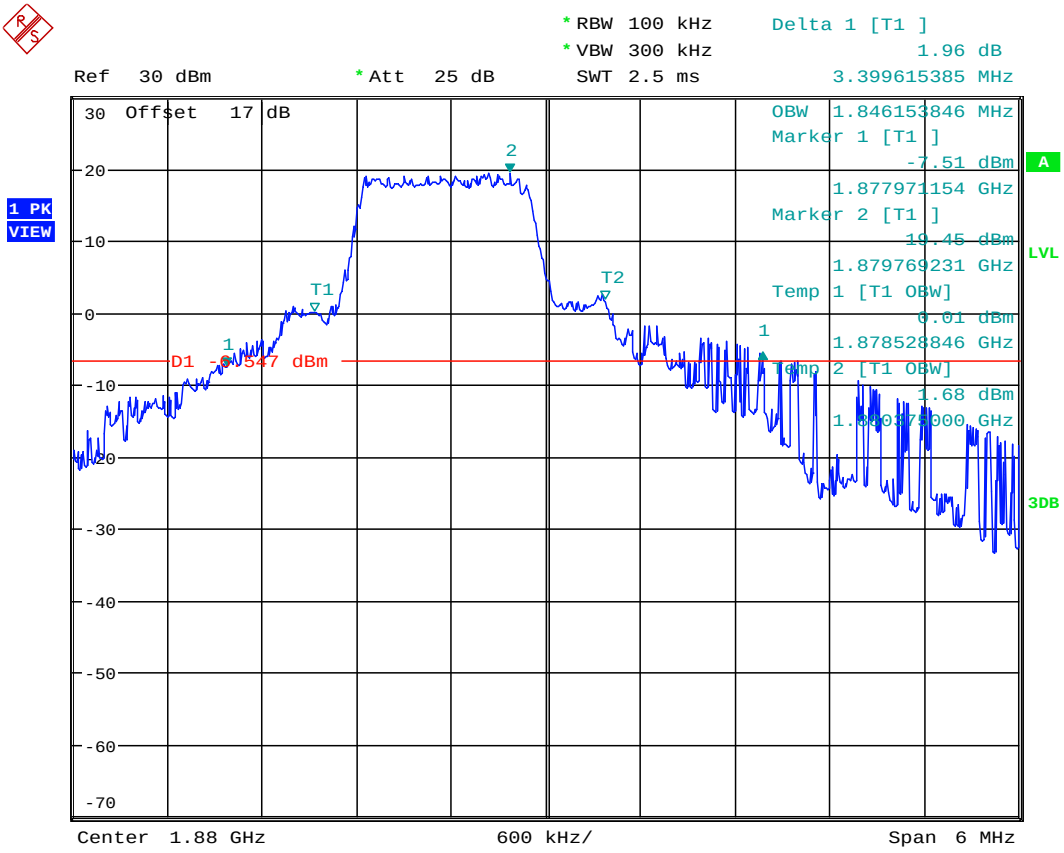
99% OBW &26DB BW BAND2_16QAM_1_4MHz_CH19193

Date: 16.APR.2019 14:10:23

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz

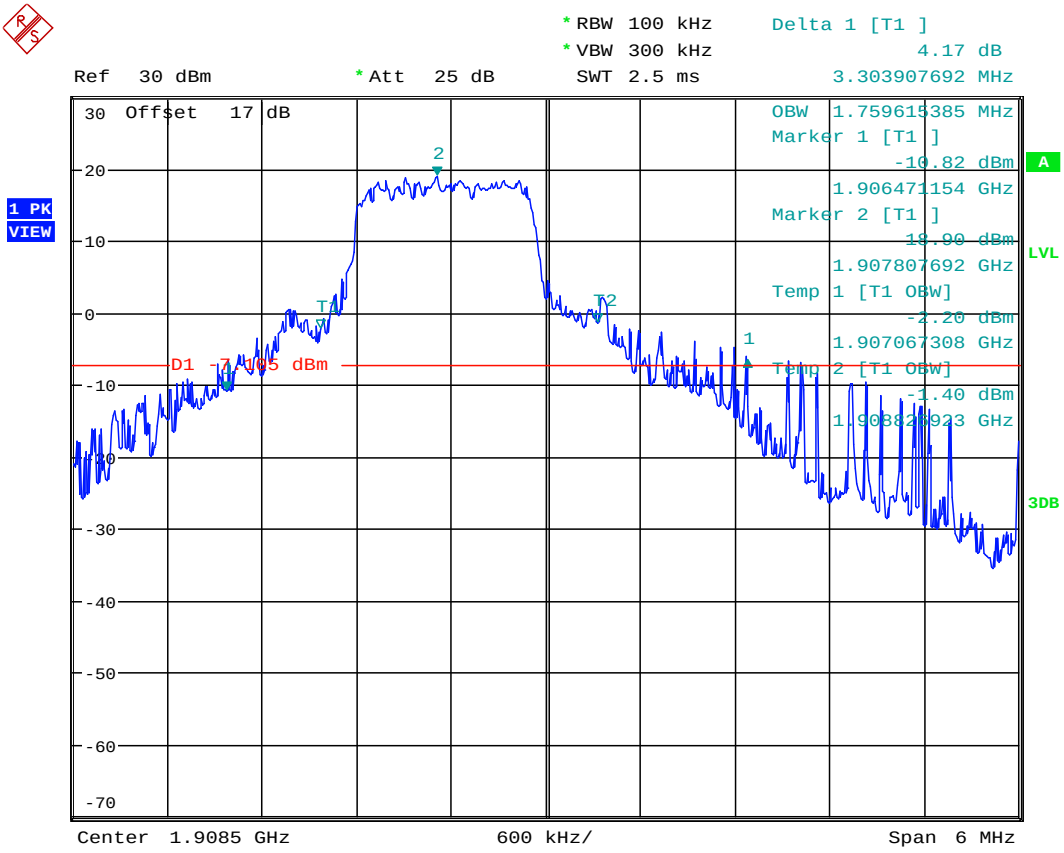


99% OBW &26DB BW BAND2_16QAM_3MHz_CH18615
Date: 16.APR.2019 14:20:39



99% OBW &26DB BW BAND2_16QAM_3MHz_CH18900

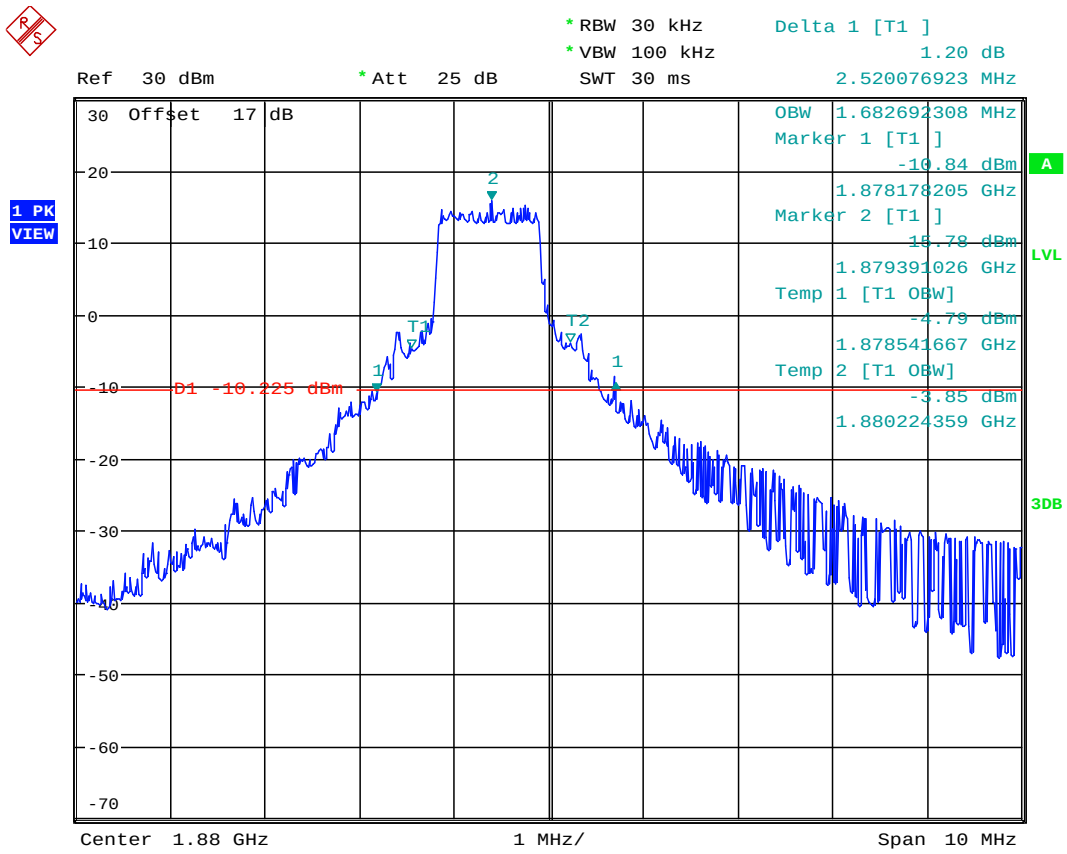
Date: 16.APR.2019 14:24:51



99% OBW &26DB BW BAND2_16QAM_3MHz_CH19185

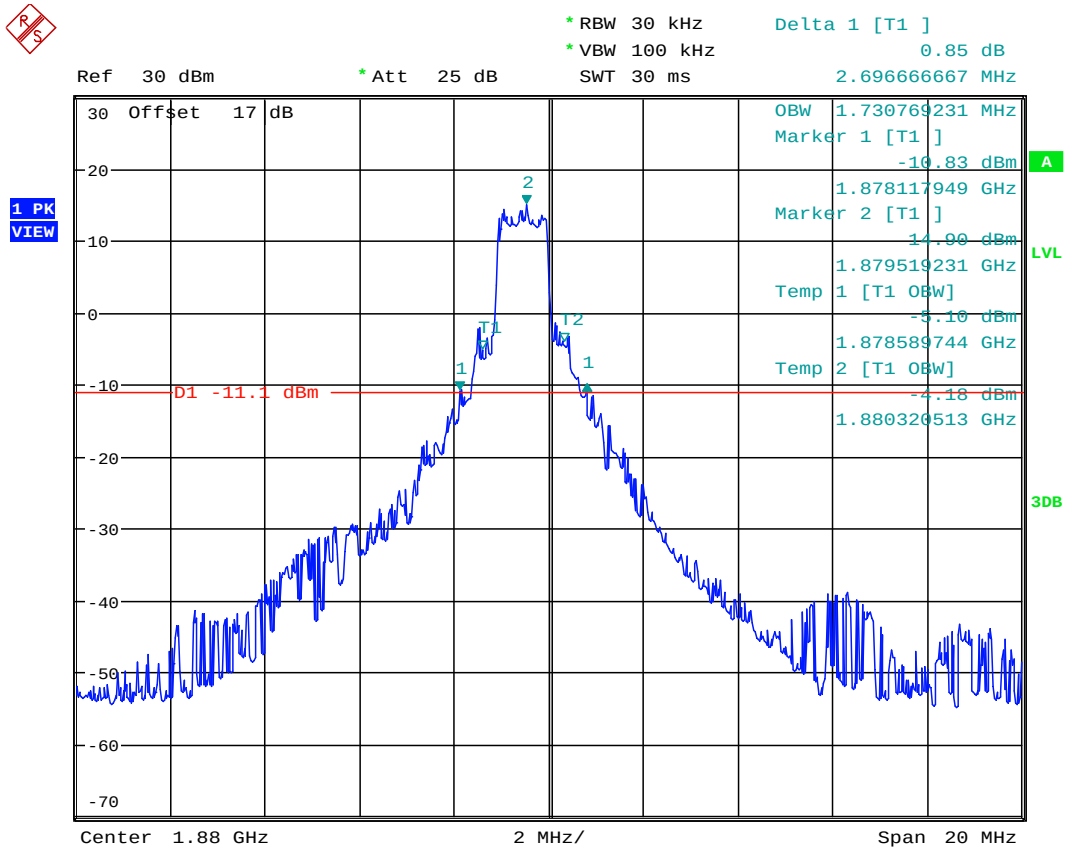
Date: 16.APR.2019 14:33:18

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



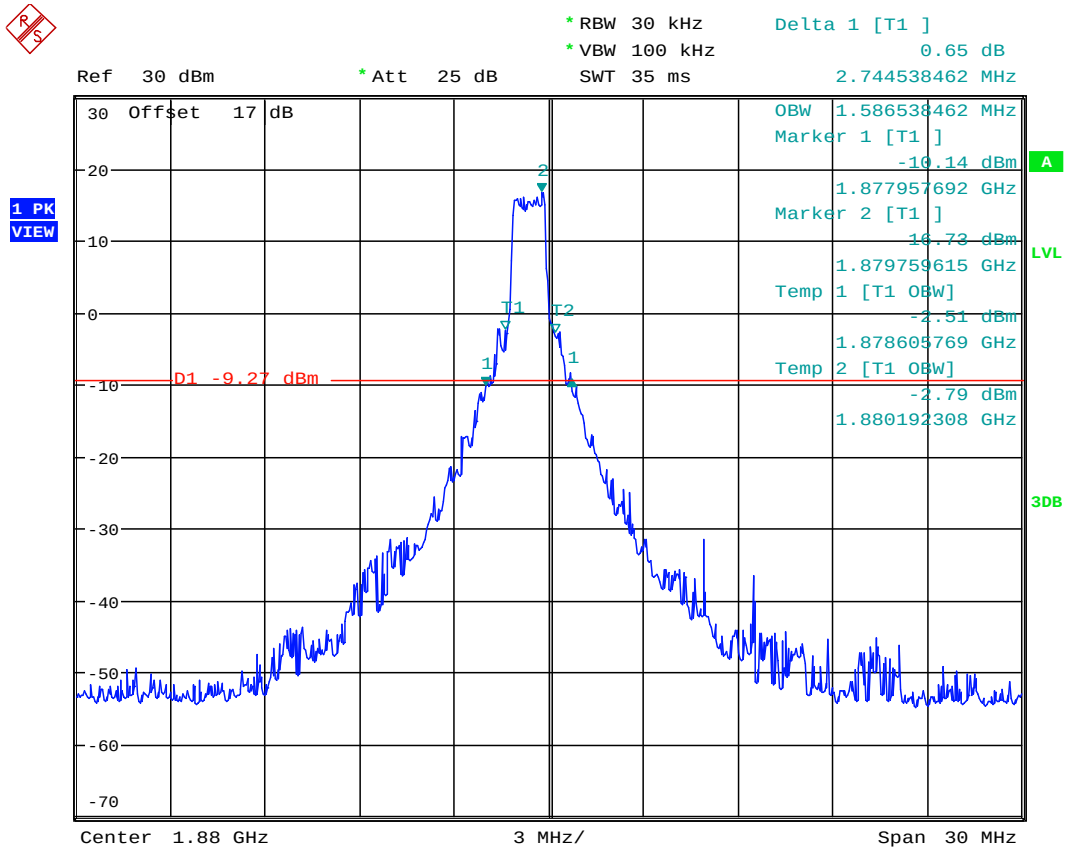
99% OBW &26DB BW BAND2_16QAM_5MHz_CH18900
Date: 16.APR.2019 15:06:36

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



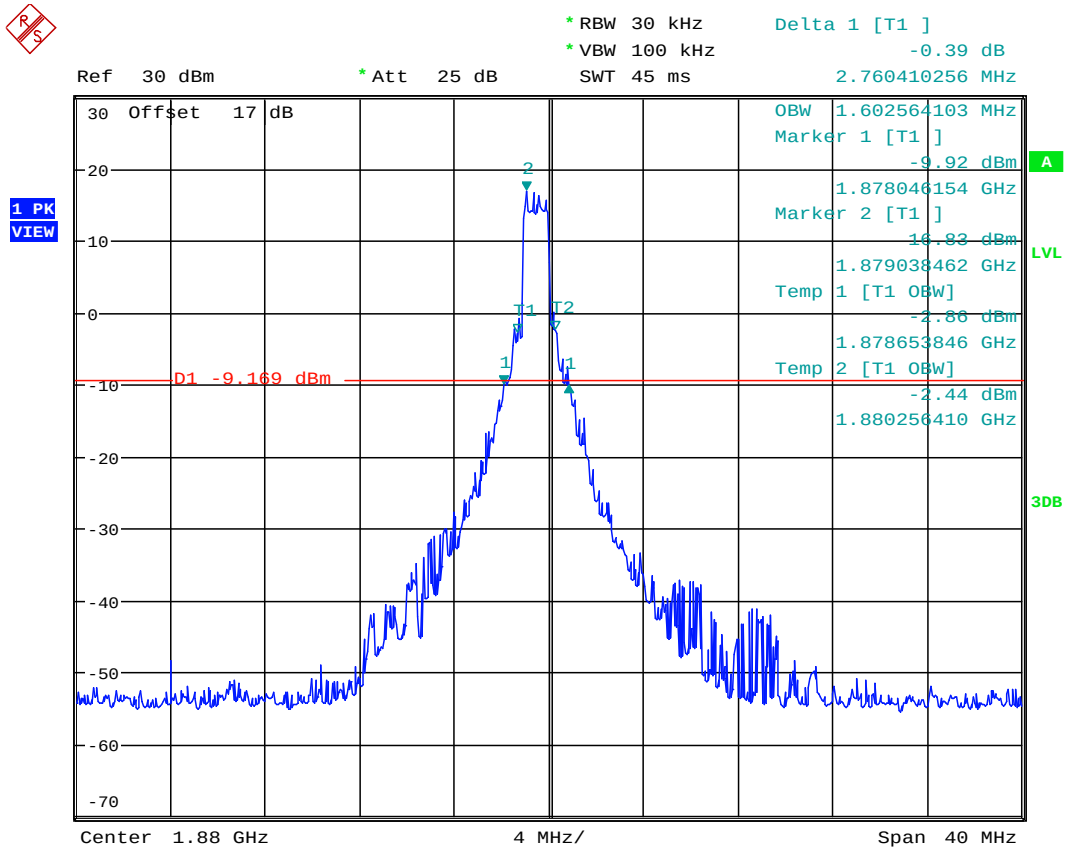
99% OBW &26DB BW BAND2_16QAM_10MHz_CH18900
Date: 16.APR.2019 15:17:03

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



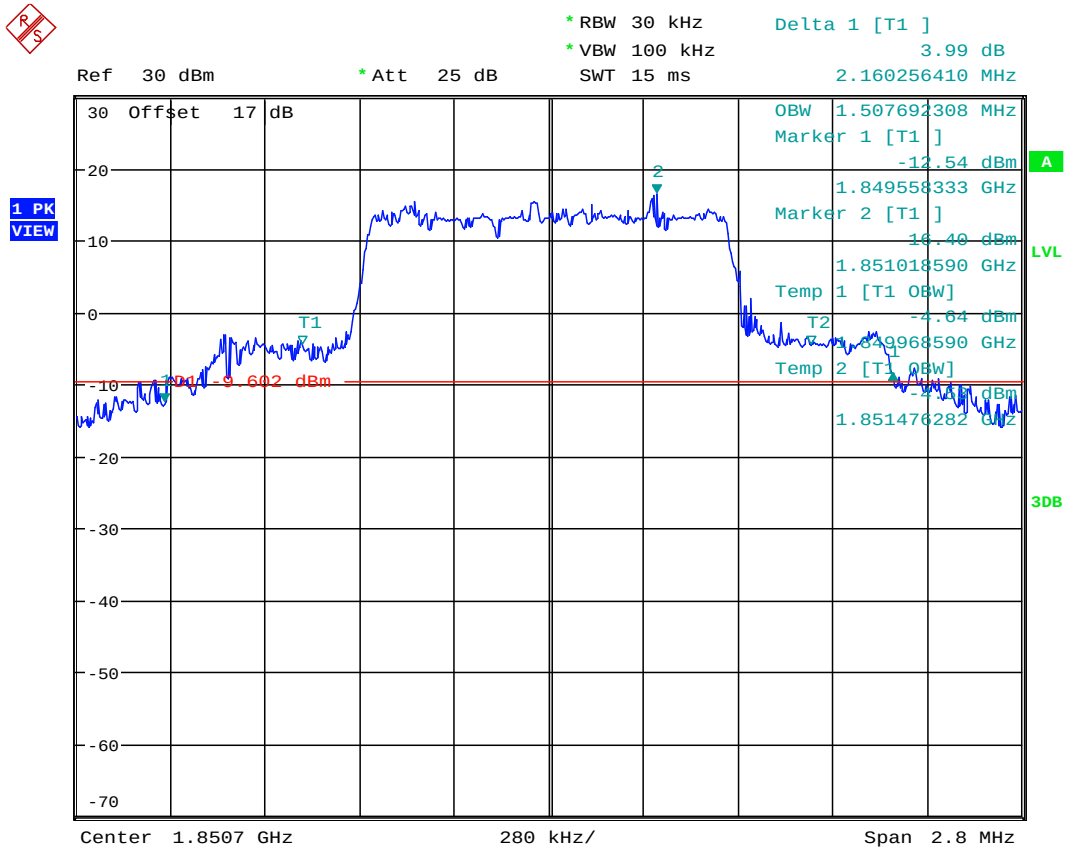
99% OBW &26DB BW BAND2_16QAM_15MHz_CH18900
Date: 16.APR.2019 15:19:37

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz

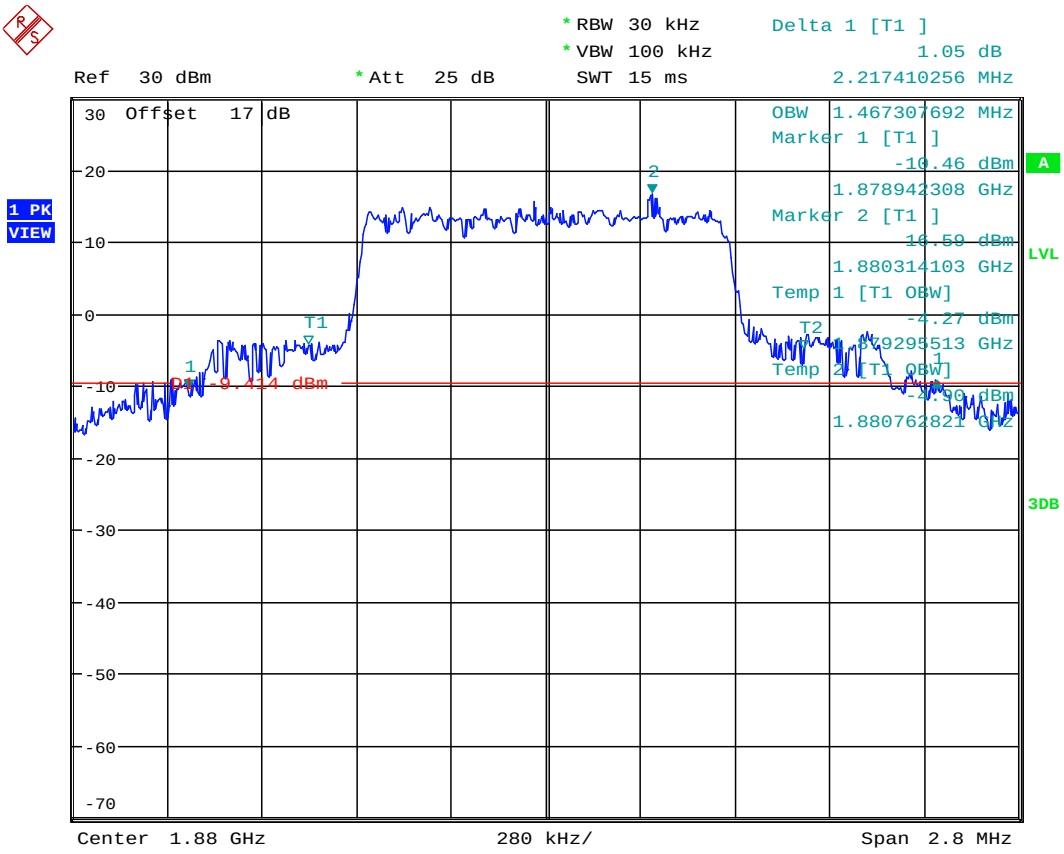


99% OBW &26DB BW BAND2_16QAM_20MHz_CH18900
Date: 16.APR.2019 15:20:54

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
QPSK
1.4MHz

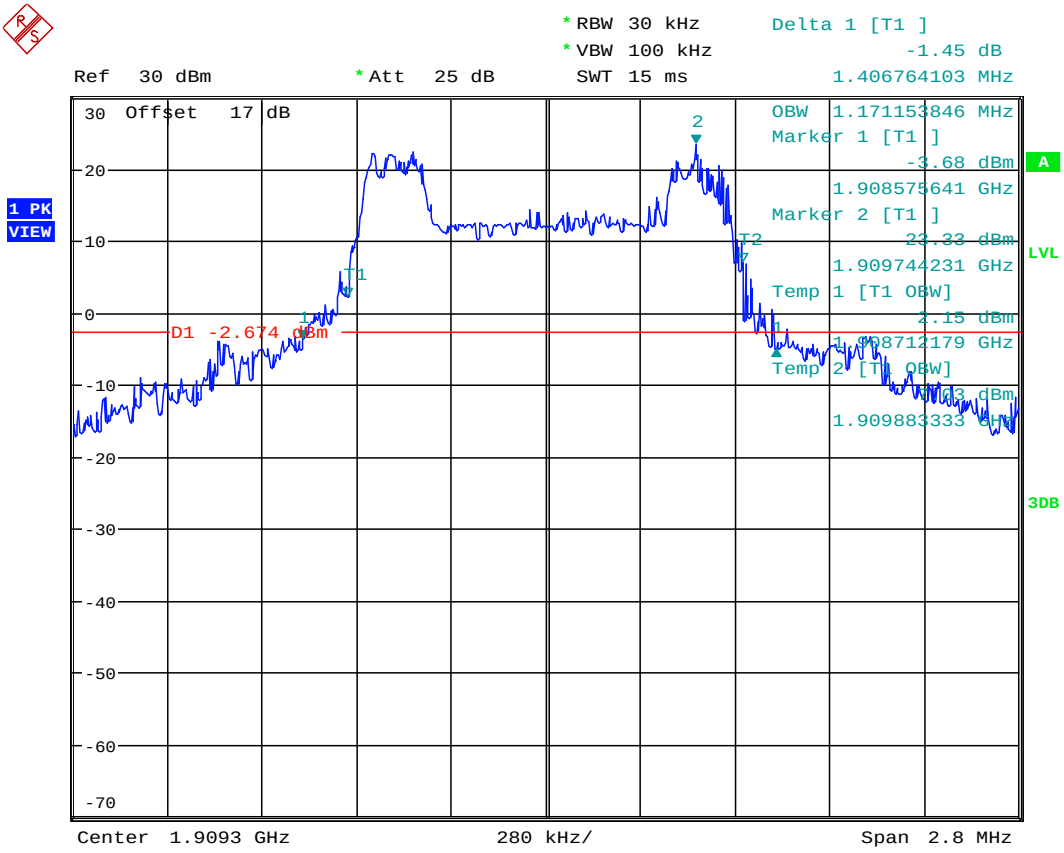


99% OBW &26DB BW BAND2_QPSK_1_4MHz_CH18607
Date: 16.APR.2019 14:01:13



99% OBW &26DB BW BAND2_QPSK_1_4MHz_CH18900

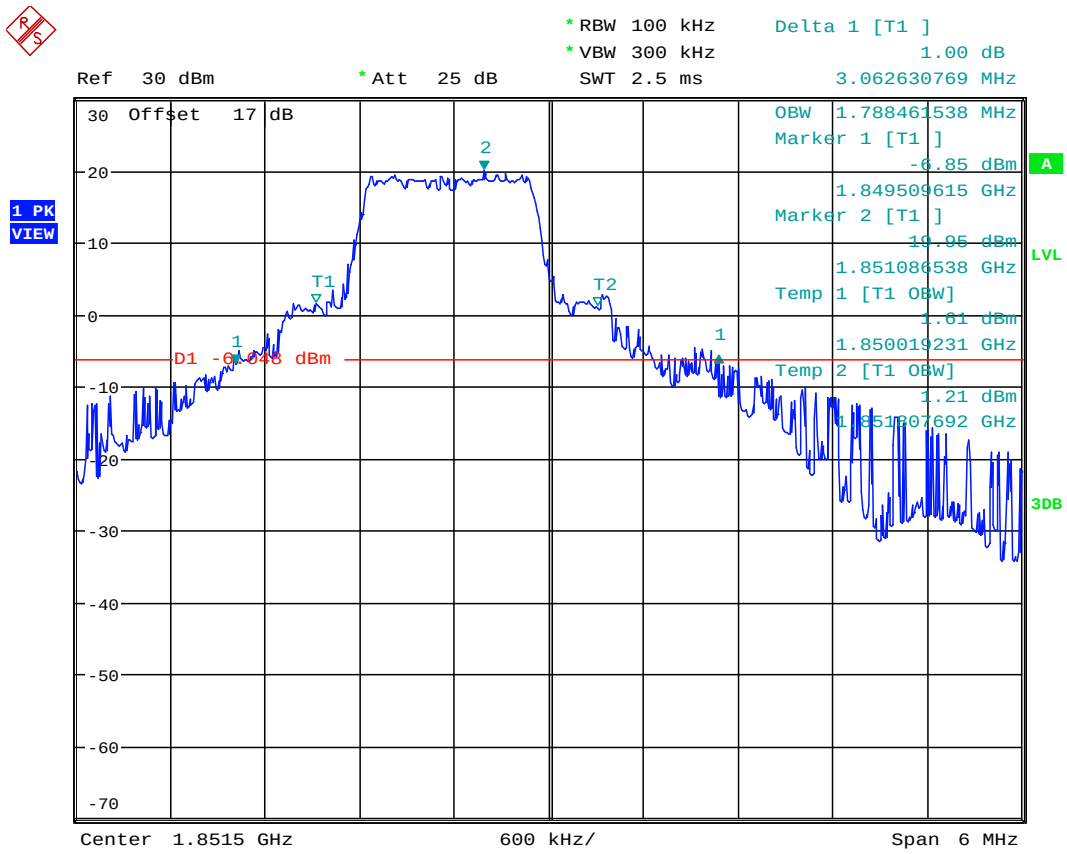
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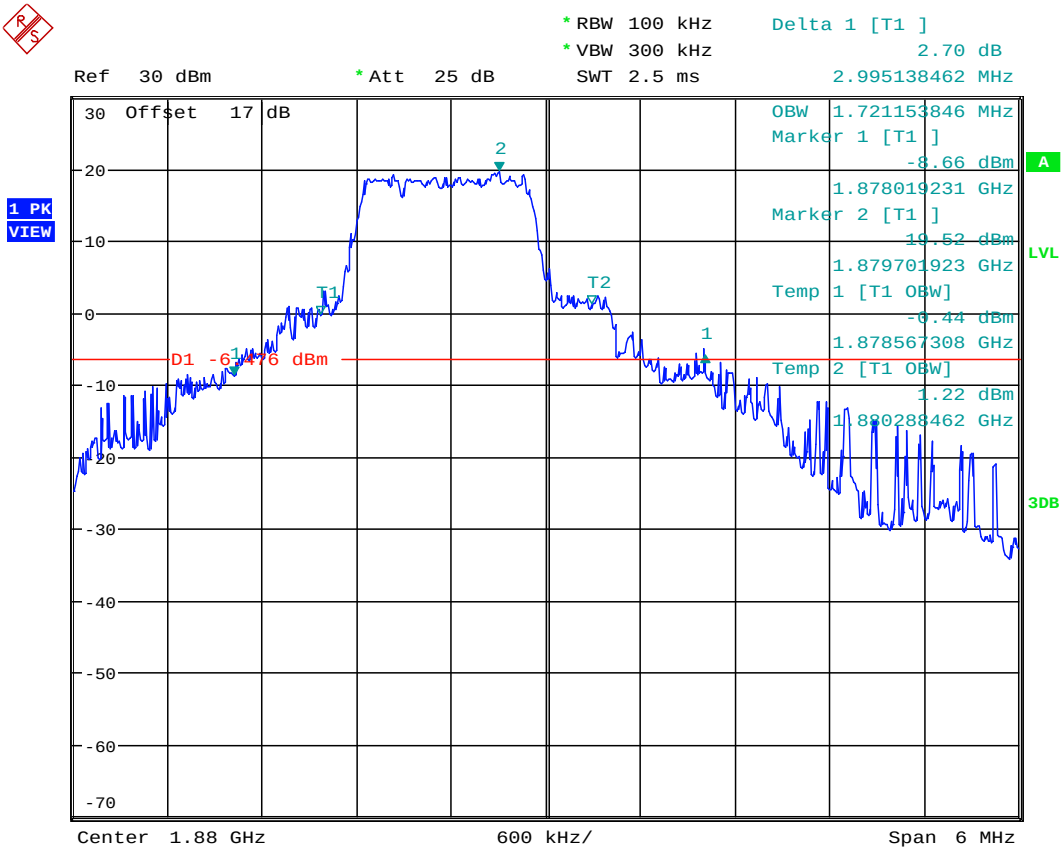
99% OBW &26DB BW BAND2_QPSK_1_4MHz_CH19193

Date: 16.APR.2019 14:08:55

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz

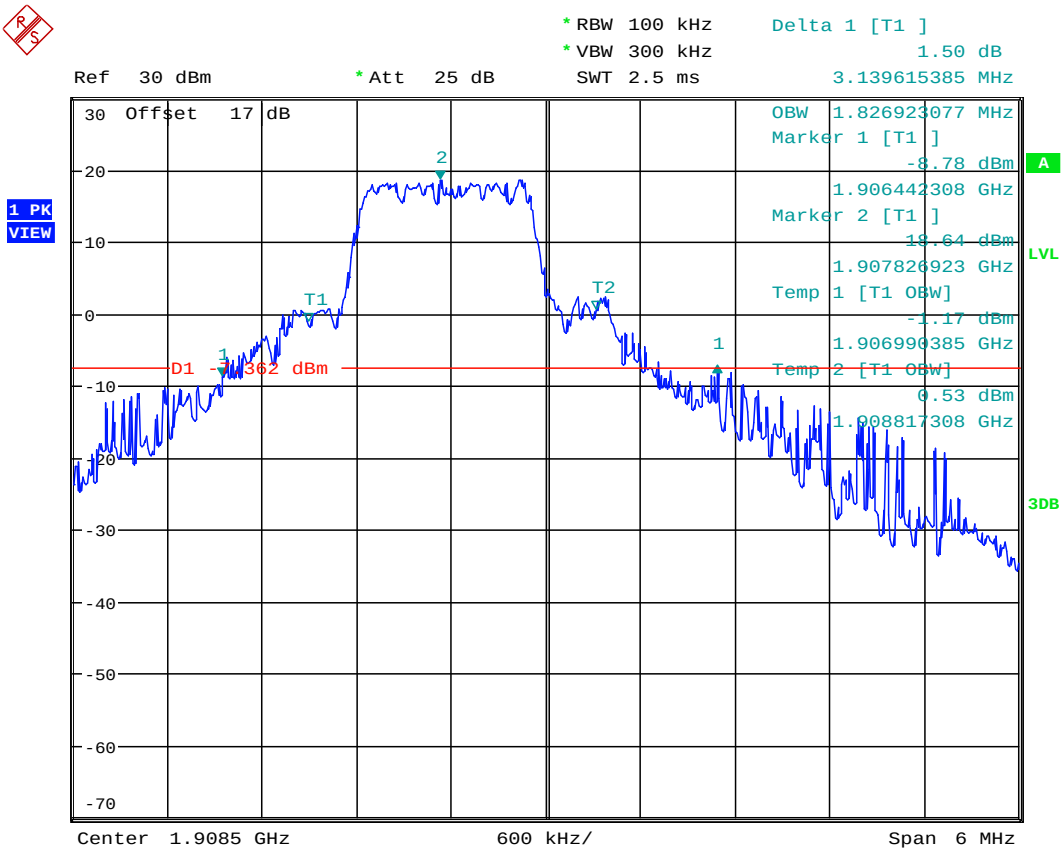


99% OBW &26DB BW BAND2_QPSK_3MHz_CH18615
Date: 16.APR.2019 14:19:25



99% OBW &26DB BW BAND2_QPSK_3MHz_CH18900

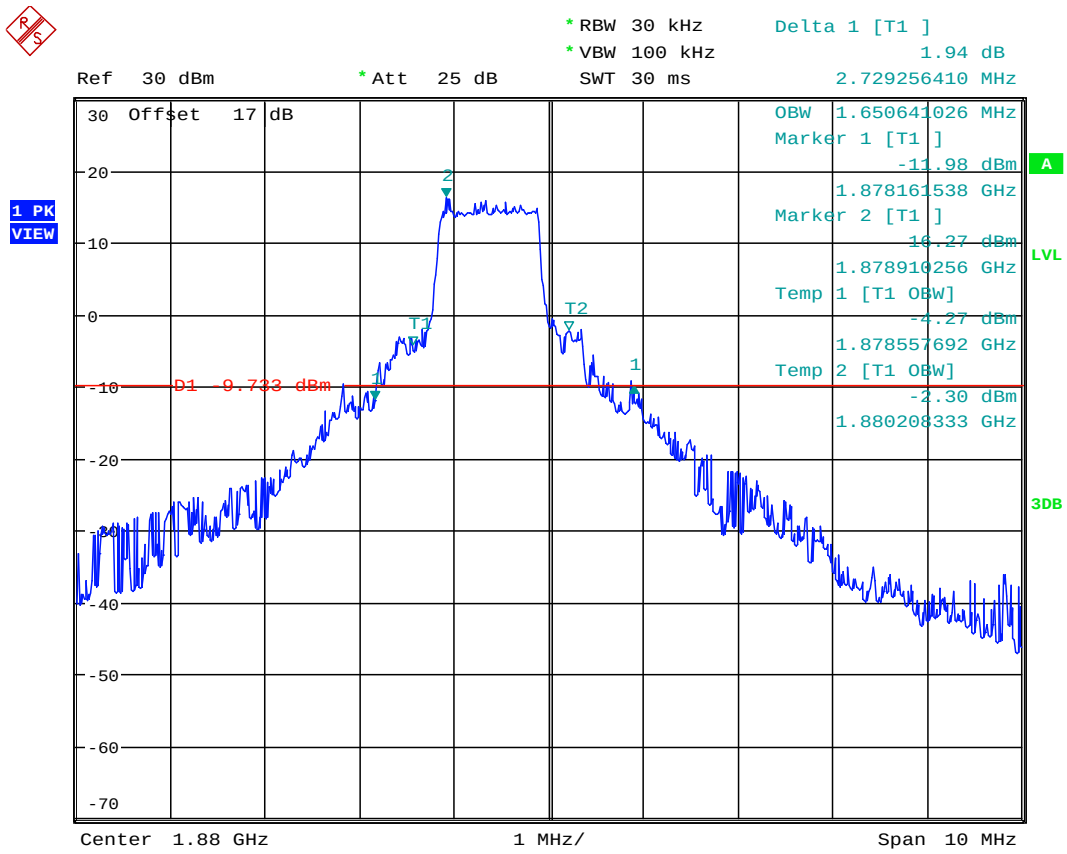
Date: 16.APR.2019 14:27:52



99% OBW &26DB BW BAND2_QPSK_3MHz_CH19185

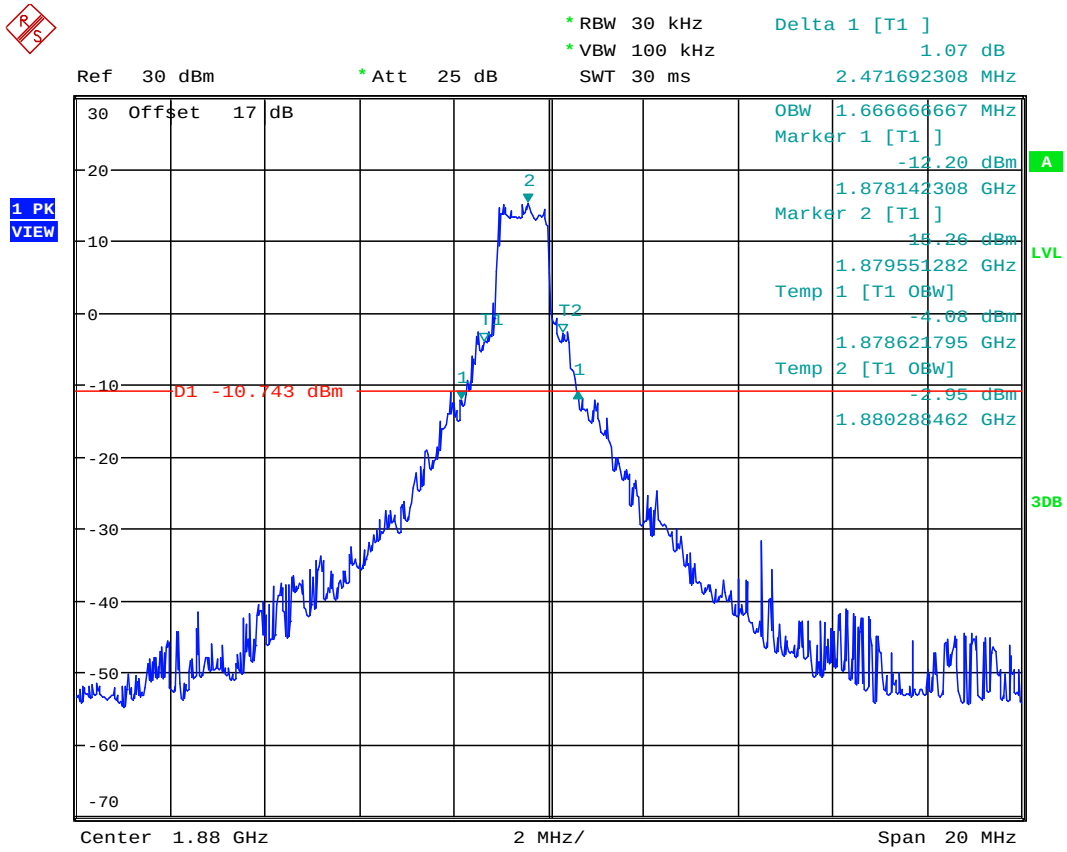
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Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



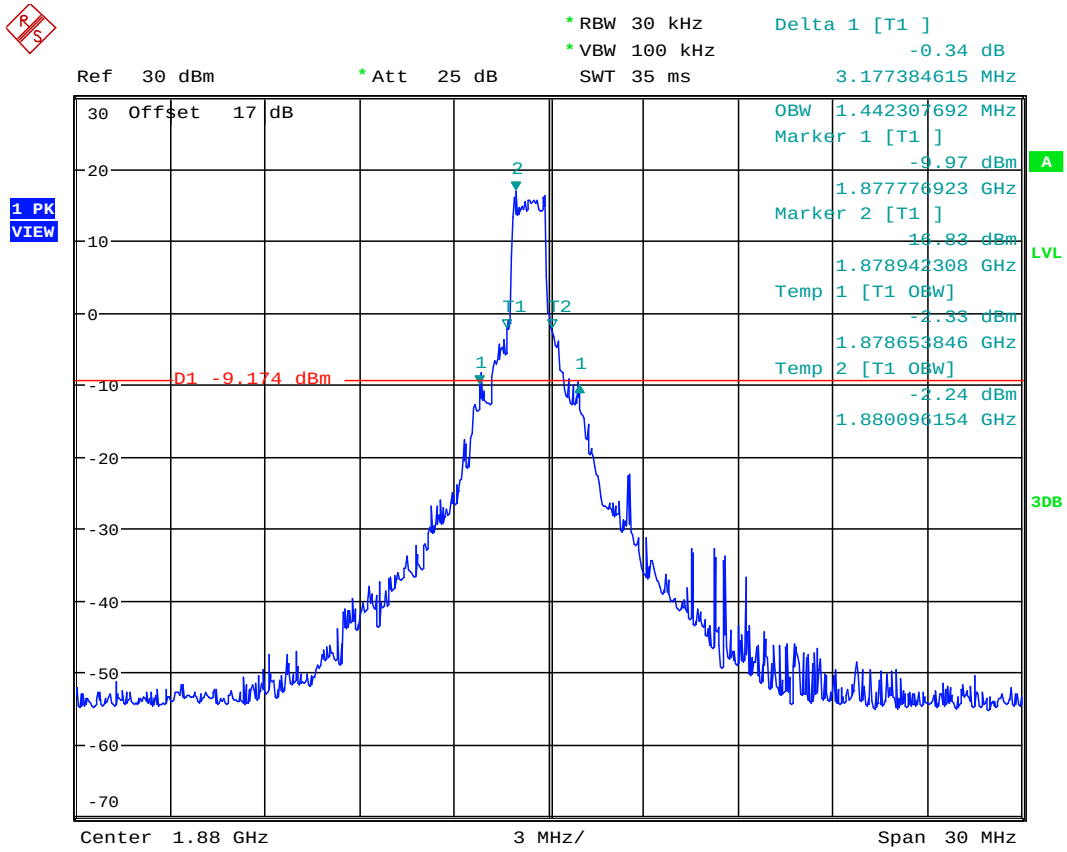
99% OBW &26DB BW BAND2_QPSK_5MHz_CH18900
Date: 16.APR.2019 15:05:49

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



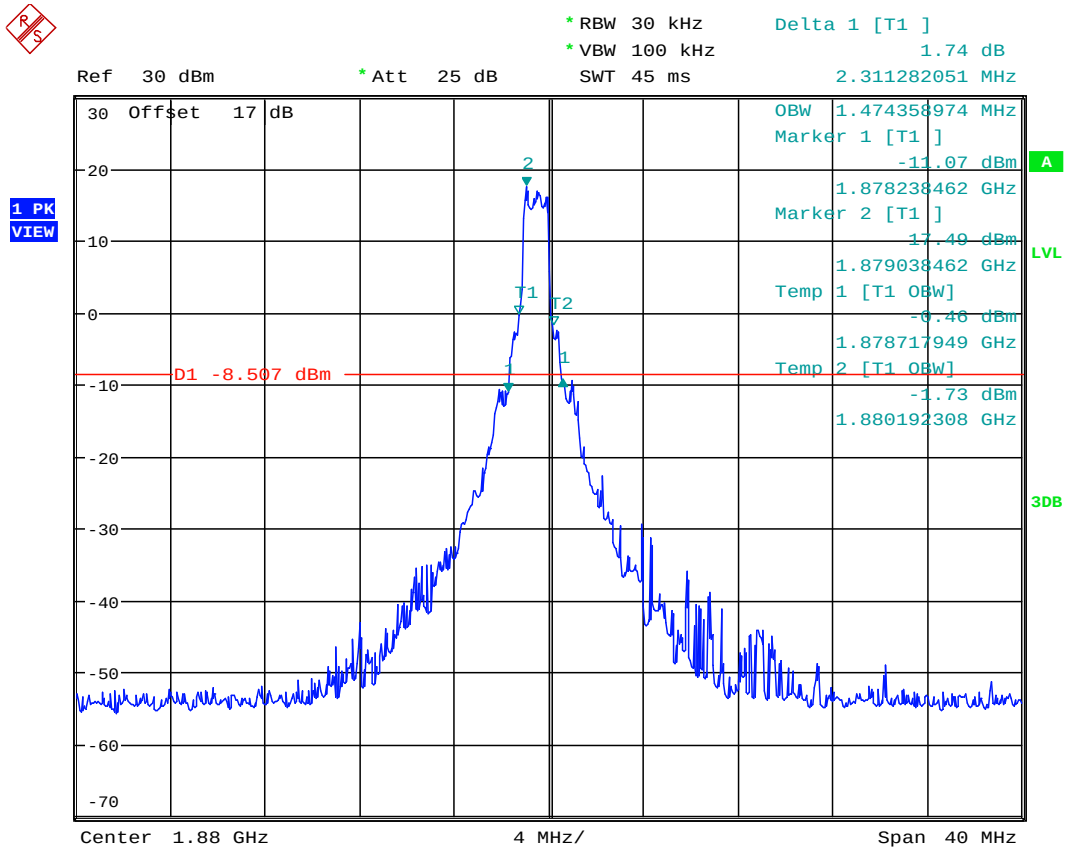
99% OBW &26DB BW BAND2_QPSK_10MHz_CH18900
Date: 16.APR.2019 15:09:27

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



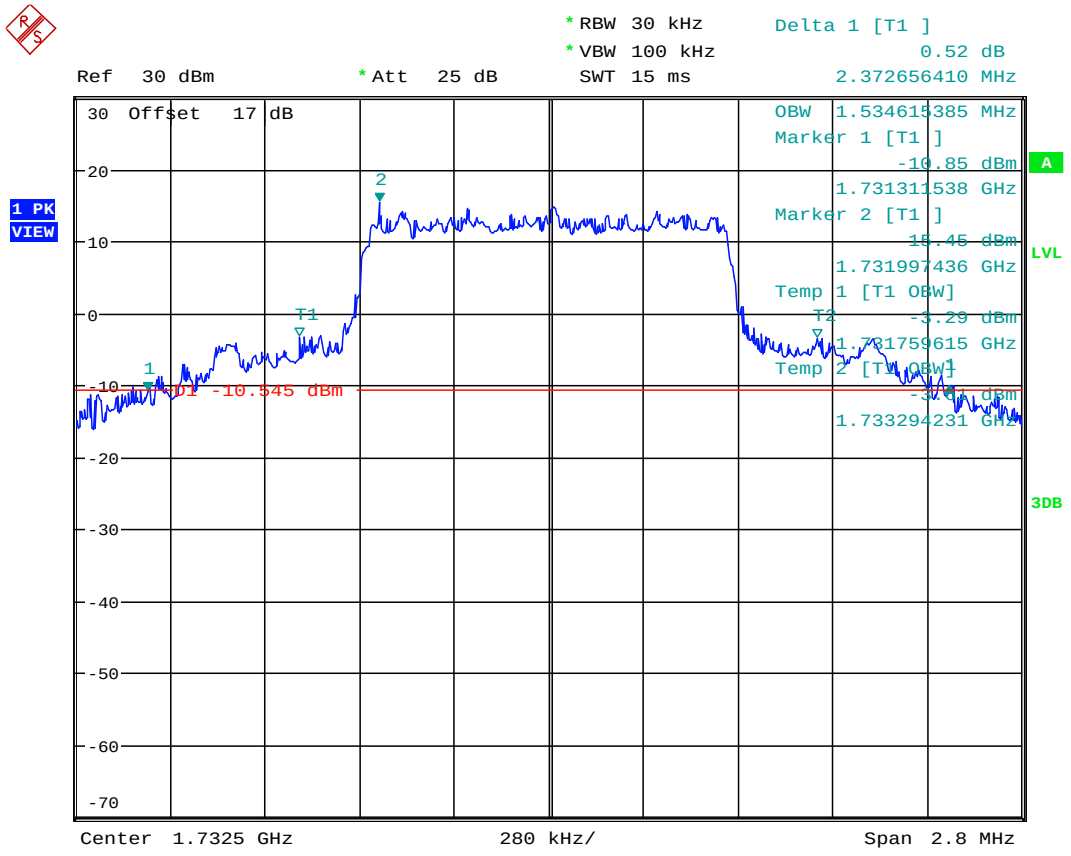
99% OBW &26DB BW BAND2_QPSK_15MHz_CH18900
Date: 16.APR.2019 15:10:37

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz



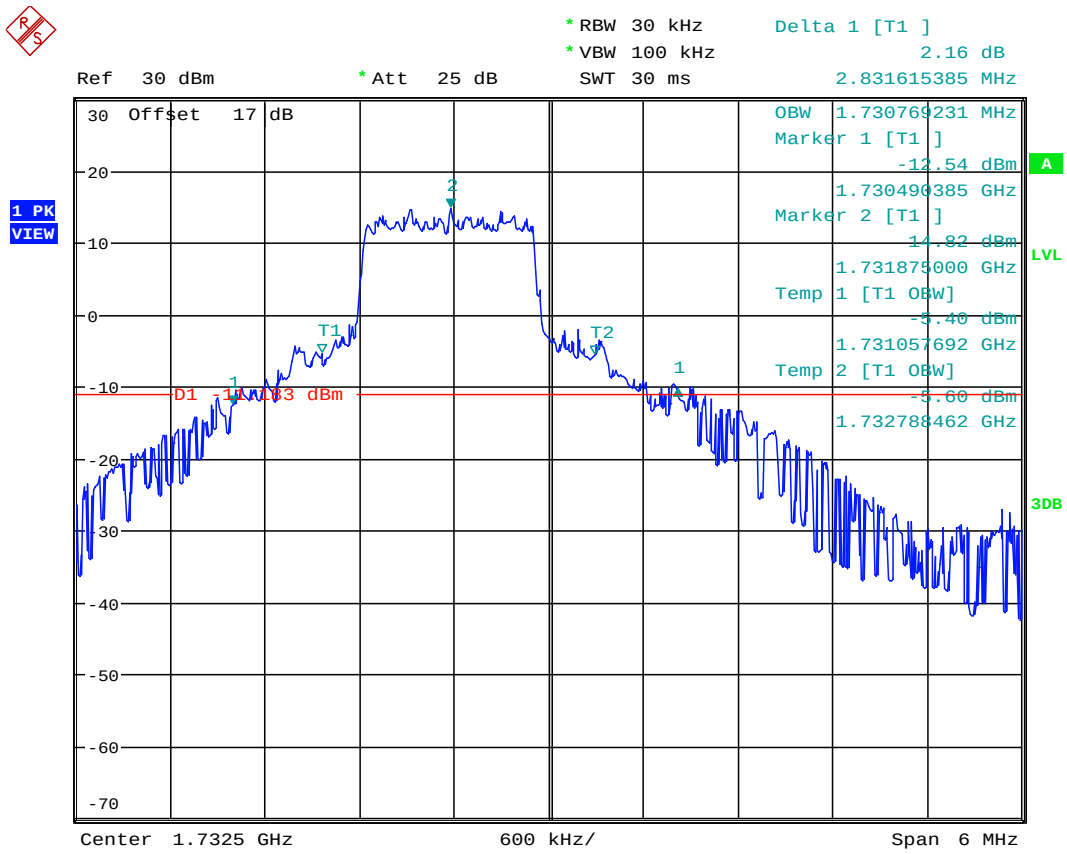
99% OBW &26DB BW BAND2_QPSK_20MHz_CH18900
Date: 16.APR.2019 15:21:51

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band IV
16QAM
1.4MHz



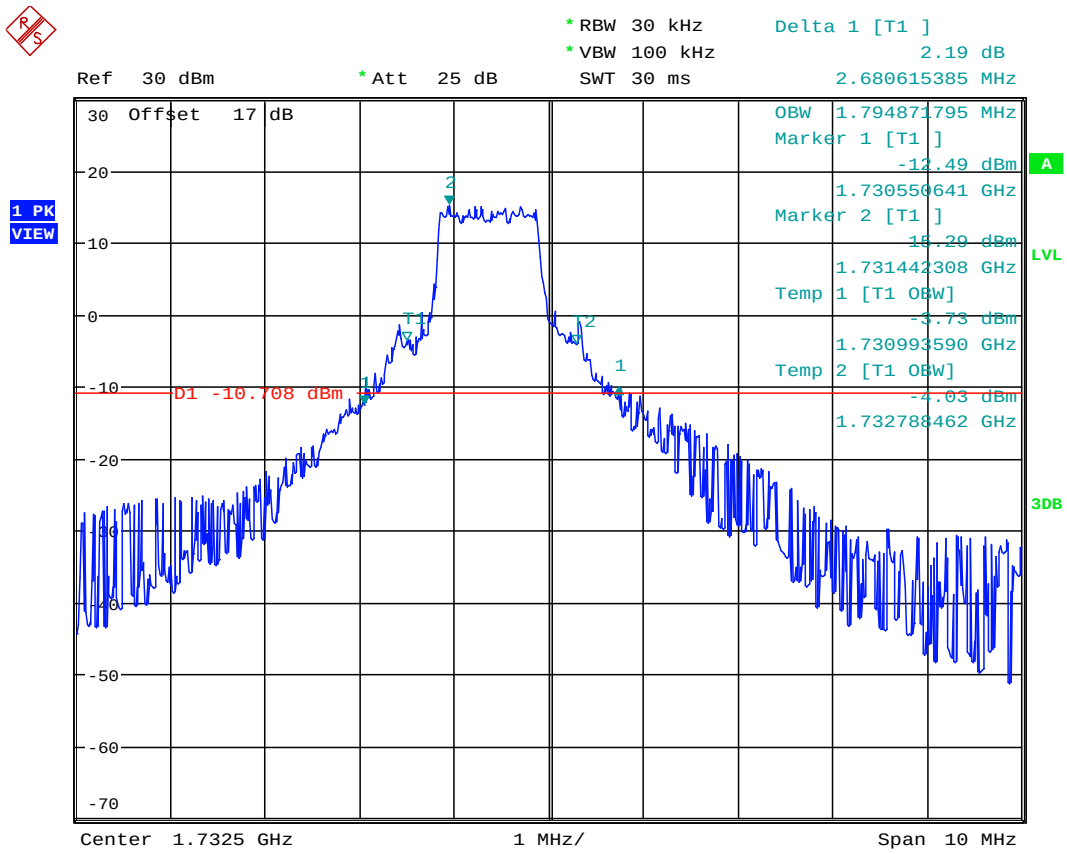
99% OBW &26DB BW BAND4_16QAM_1_4MHz_CH20175
Date: 16.APR.2019 16:10:00

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



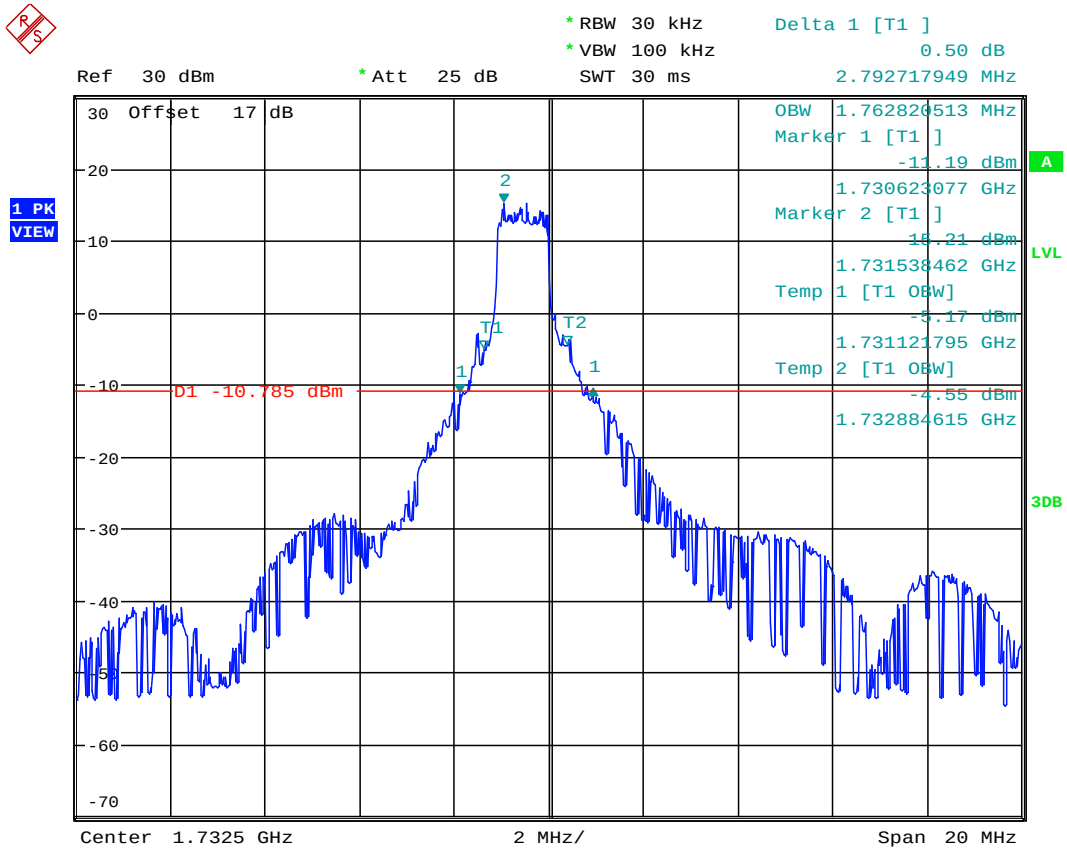
99% OBW &26DB BW BAND4_16QAM_3MHz_CH20175
Date: 16.APR.2019 16:11:40

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



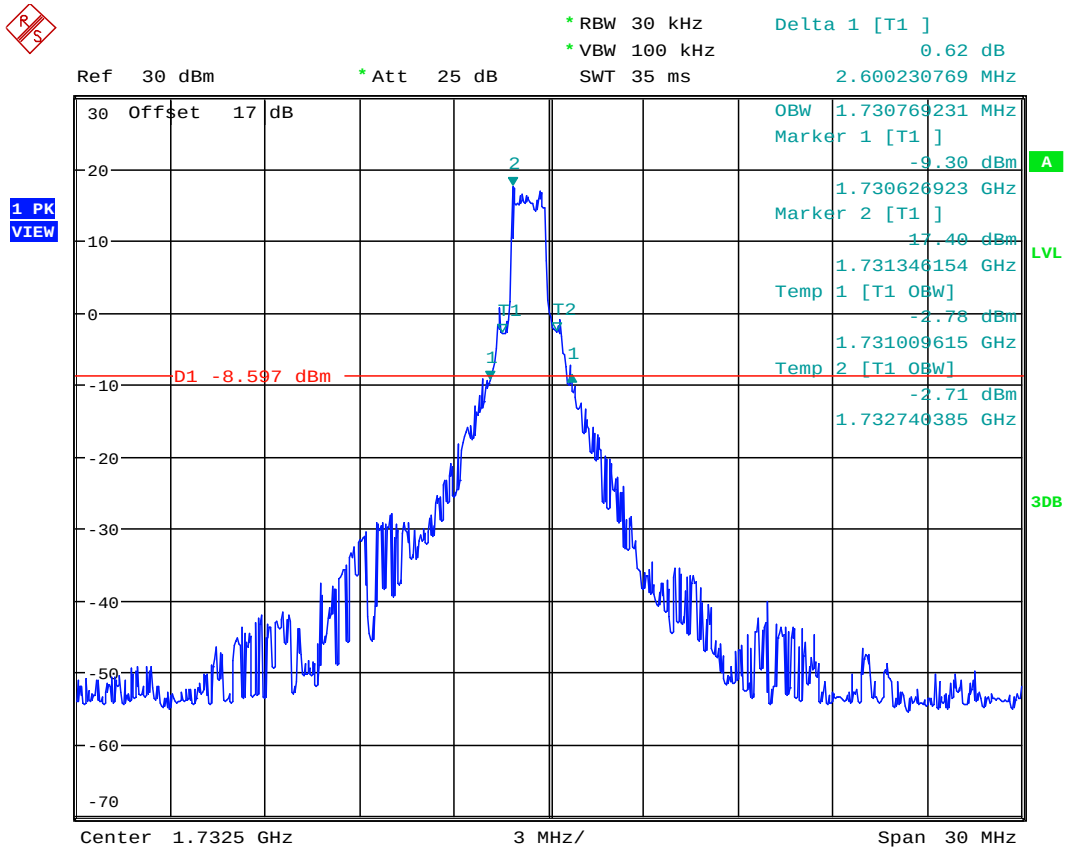
99% OBW &26DB BW BAND4_16QAM_5MHz_CH20175
Date: 16.APR.2019 16:27:42

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



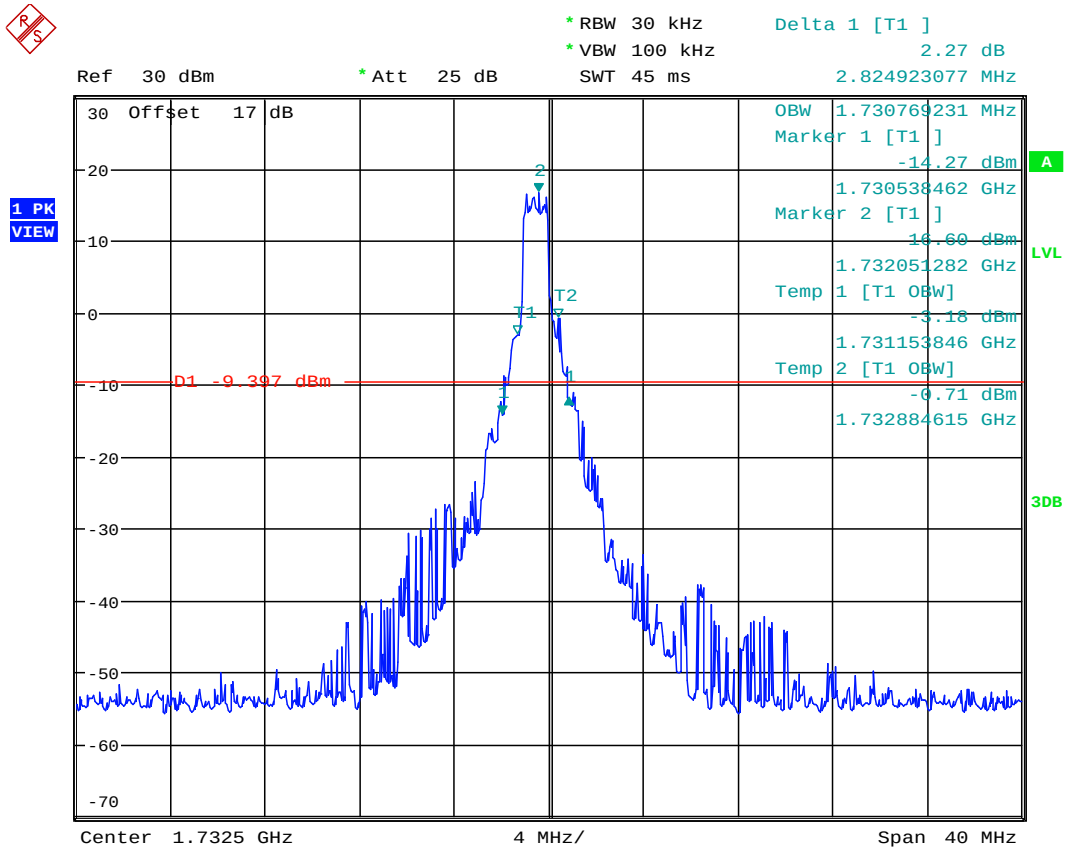
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Date: 16.APR.2019 16:37:43

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



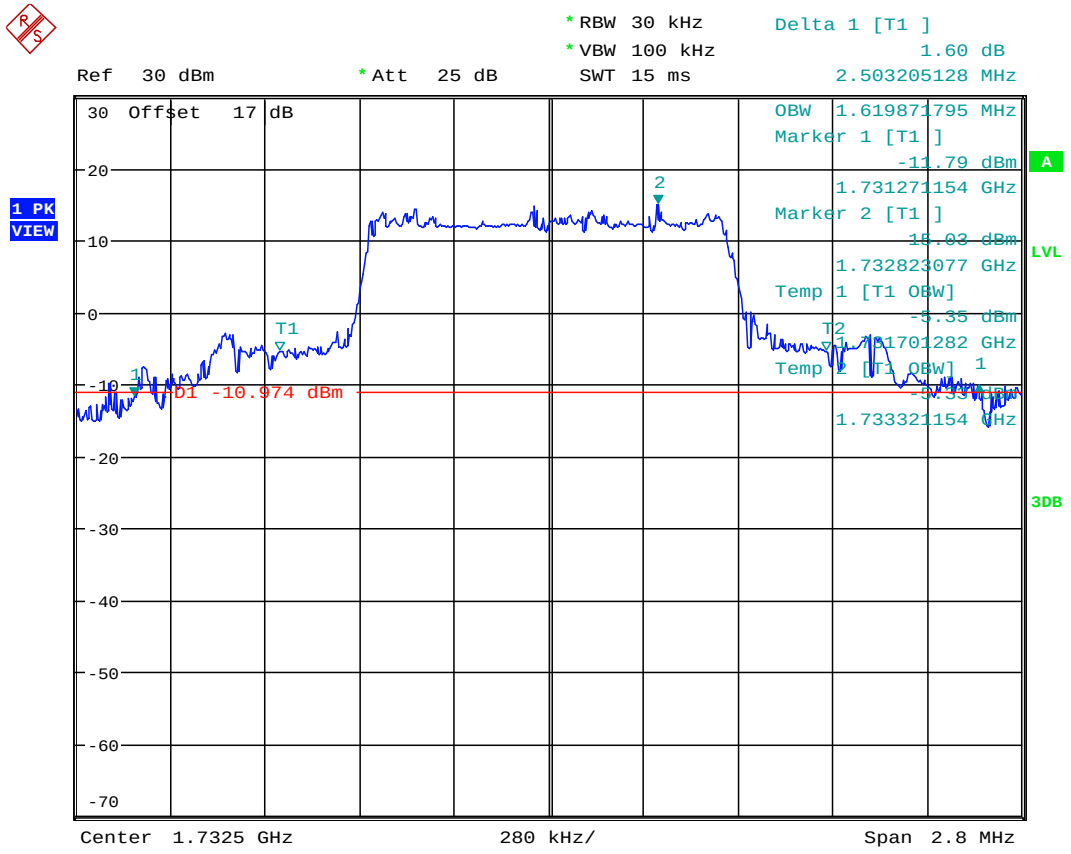
99% OBW &26DB BW BAND4_16QAM_15MHz_CH20175
Date: 16.APR.2019 16:52:22

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz



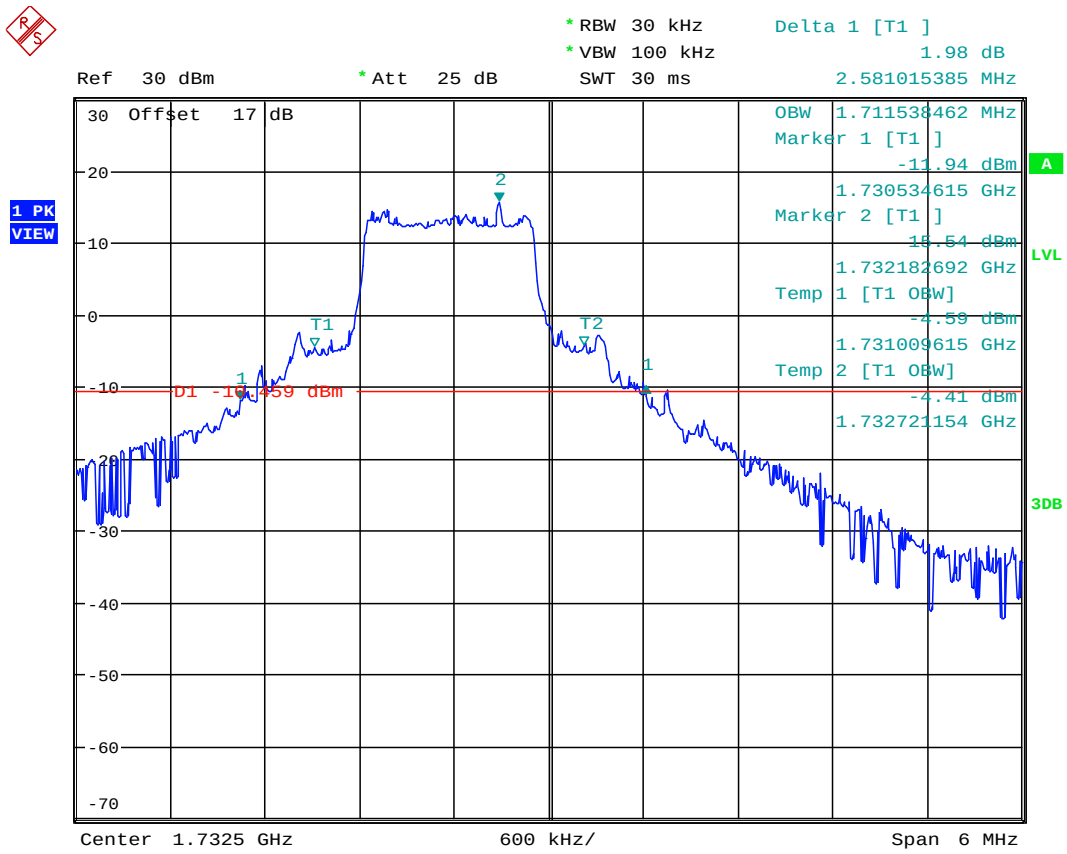
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Date: 16.APR.2019 16:54:17

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
QPSK
1.4MHz



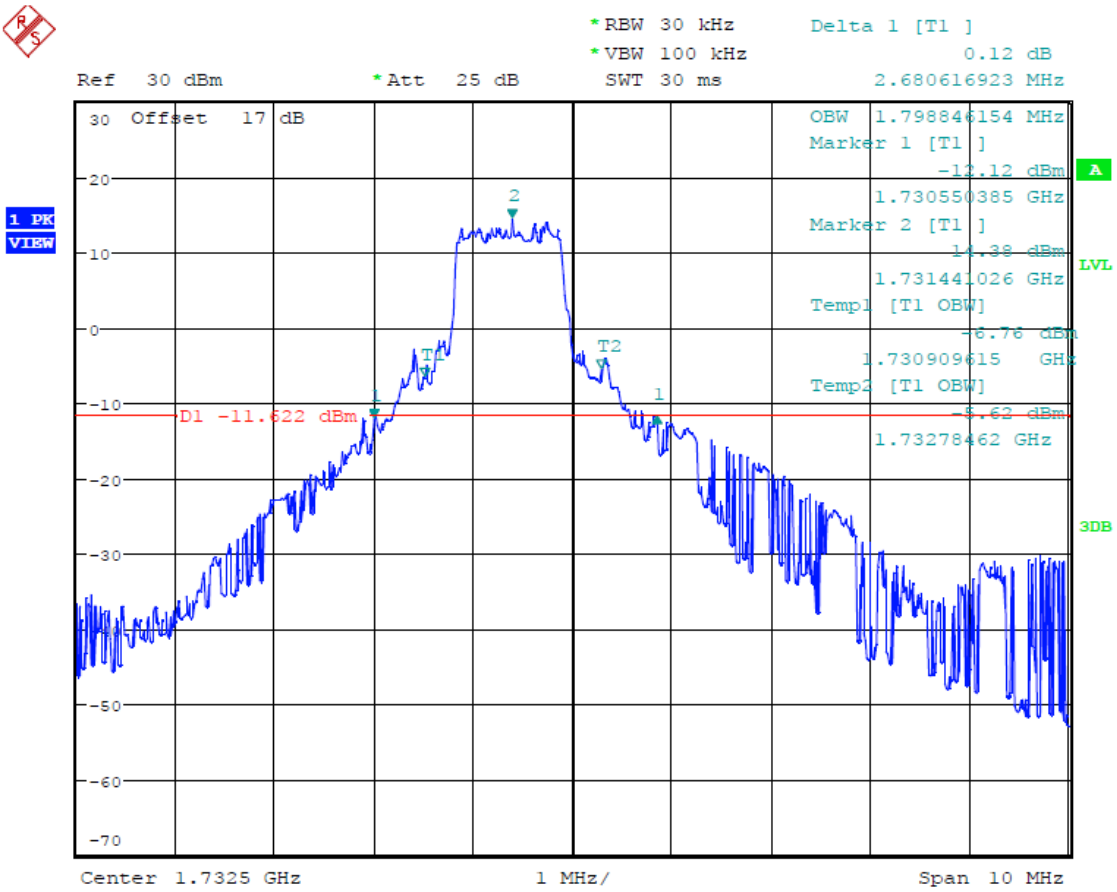
99% OBW &26DB BW BAND4_QPSK_1_4MHz_CH20175
Date: 16.APR.2019 16:04:07

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



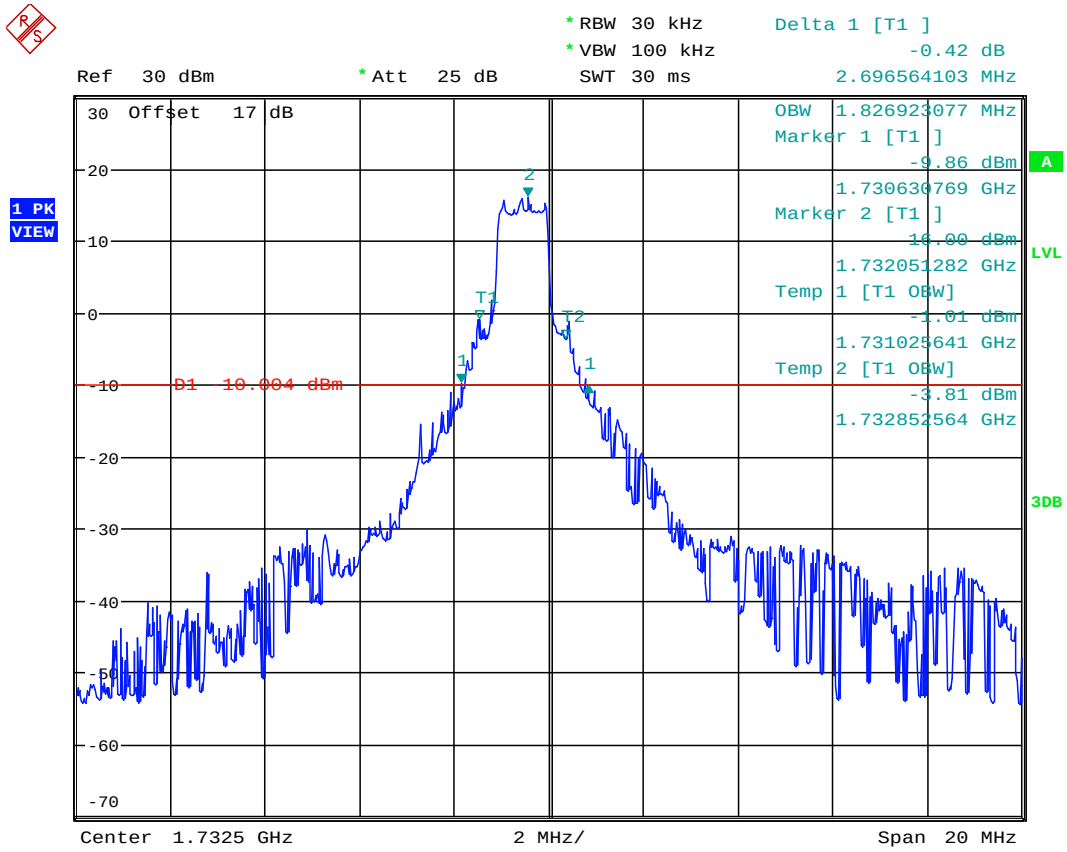
99% OBW &26DB BW BAND4_QPSK_3MHz_CH20175
Date: 16.APR.2019 16:20:44

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



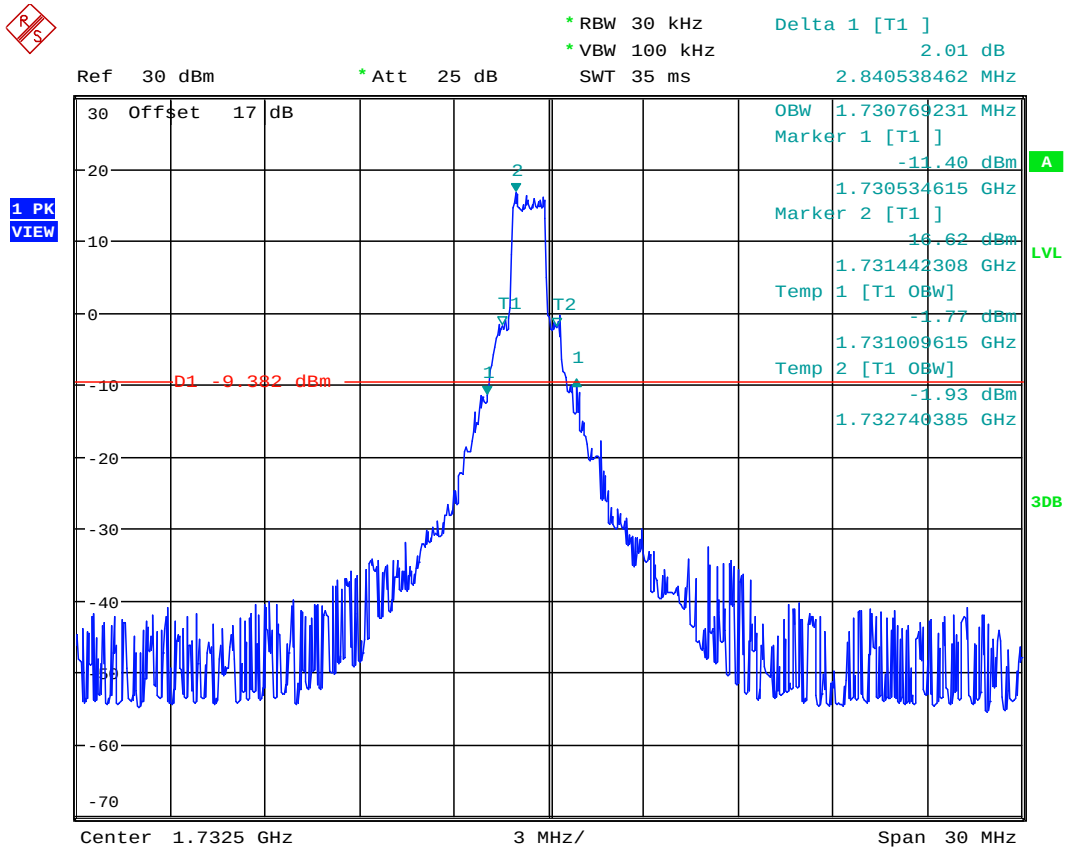
99% OBW &26DB BW BAND4_QPSK_5MHz_CH20175
Date: 16.APR.2019 15:42:05

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



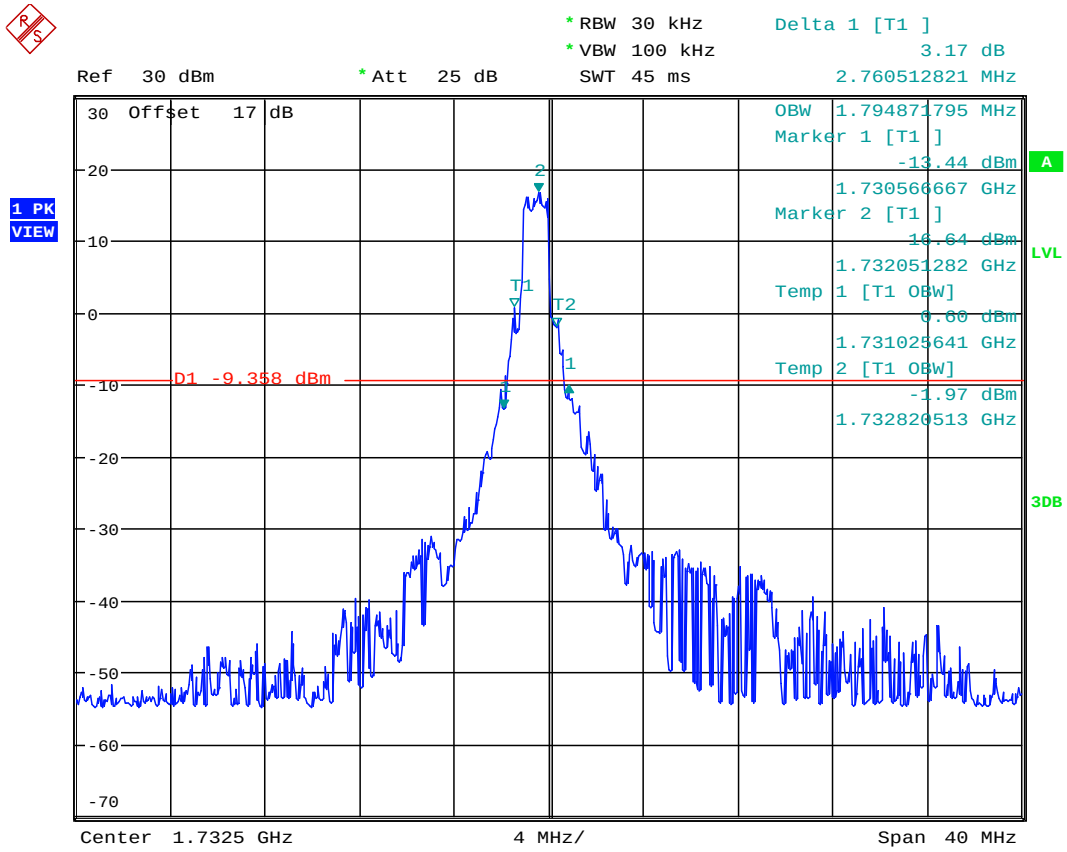
99% OBW &26DB BW BAND4_QPSK_10MHz_CH20175
Date: 16.APR.2019 16:46:20

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



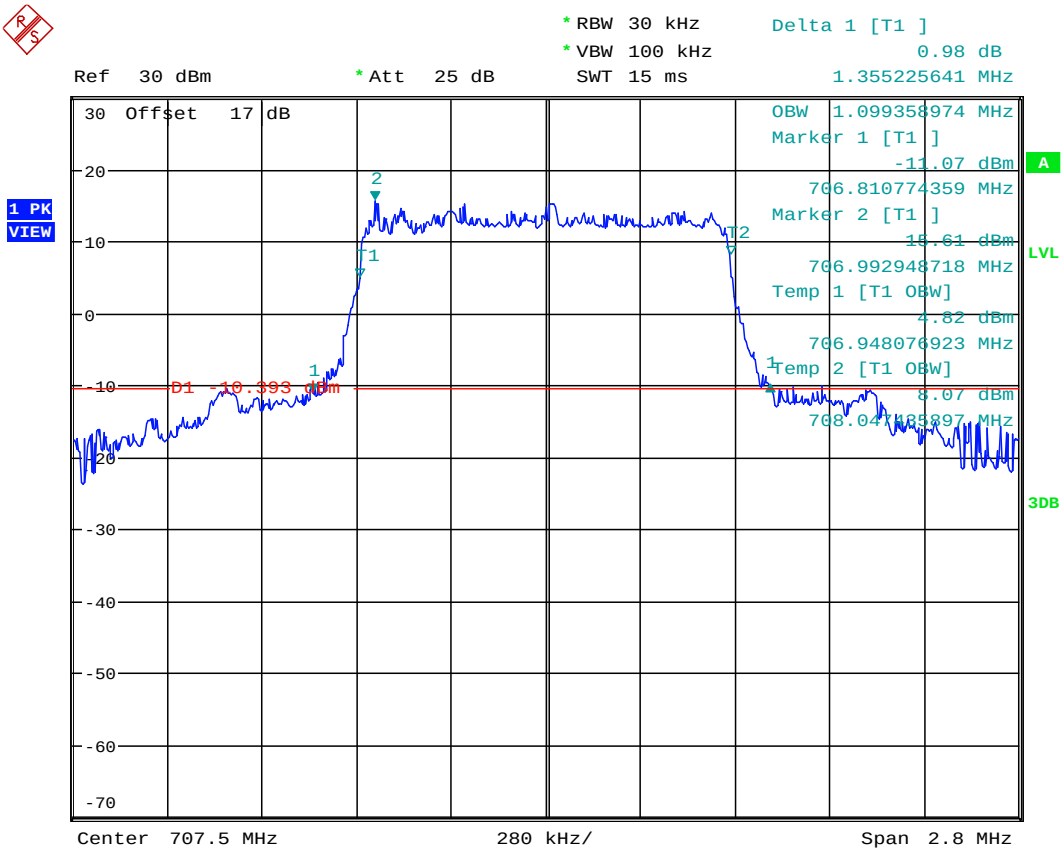
99% OBW &26DB BW BAND4_QPSK_15MHz_CH20175
Date: 16.APR.2019 16:50:11

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
12MHz



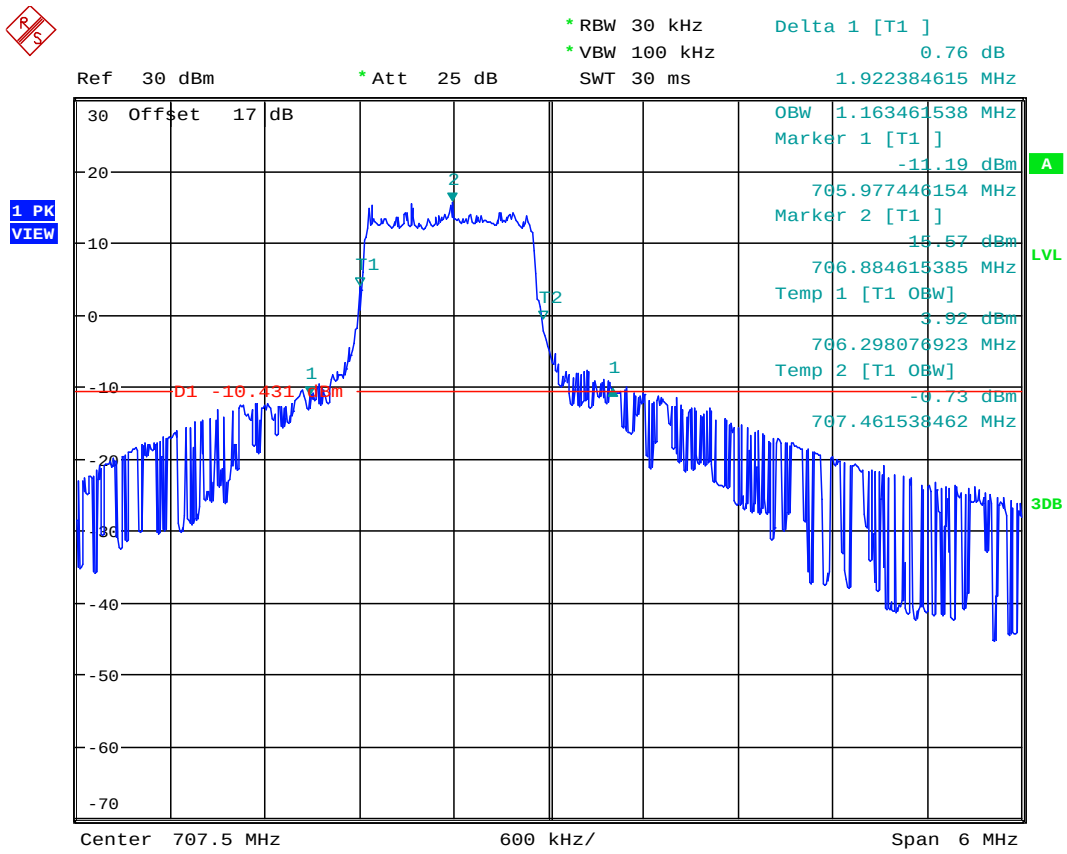
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Date: 16.APR.2019 16:56:17

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band XII
16QAM
1.4MHz



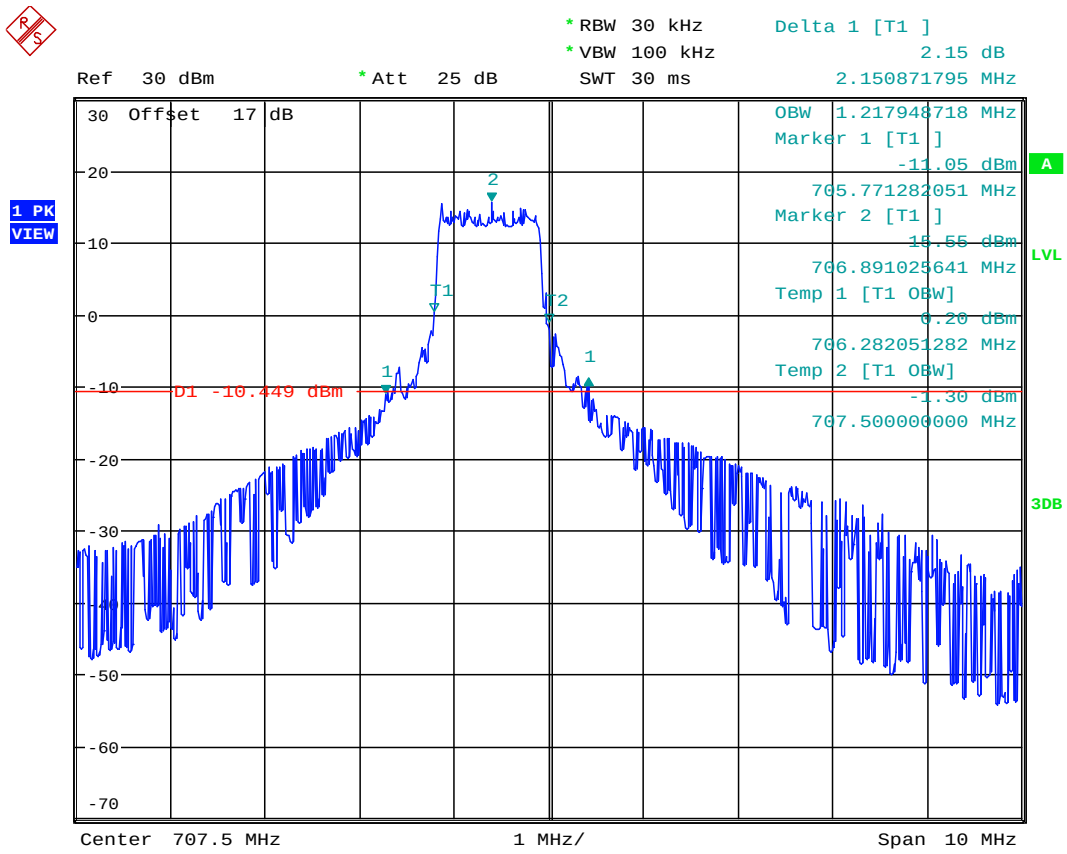
99% OBW &26DB BW BAND12_16QAM_1_4MHz_CH23095
Date: 16.APR.2019 17:39:10

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



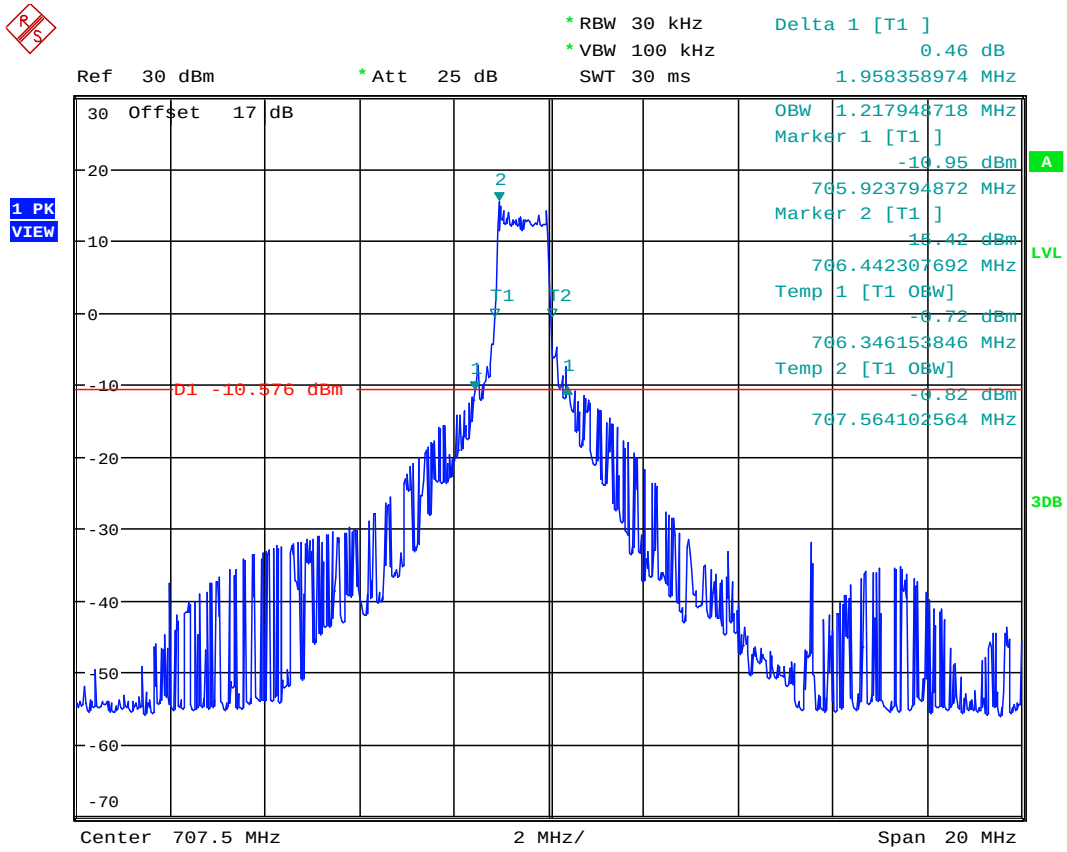
99% OBW &26DB BW BAND12_16QAM_3MHz_CH23095
Date: 16.APR.2019 17:40:15

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



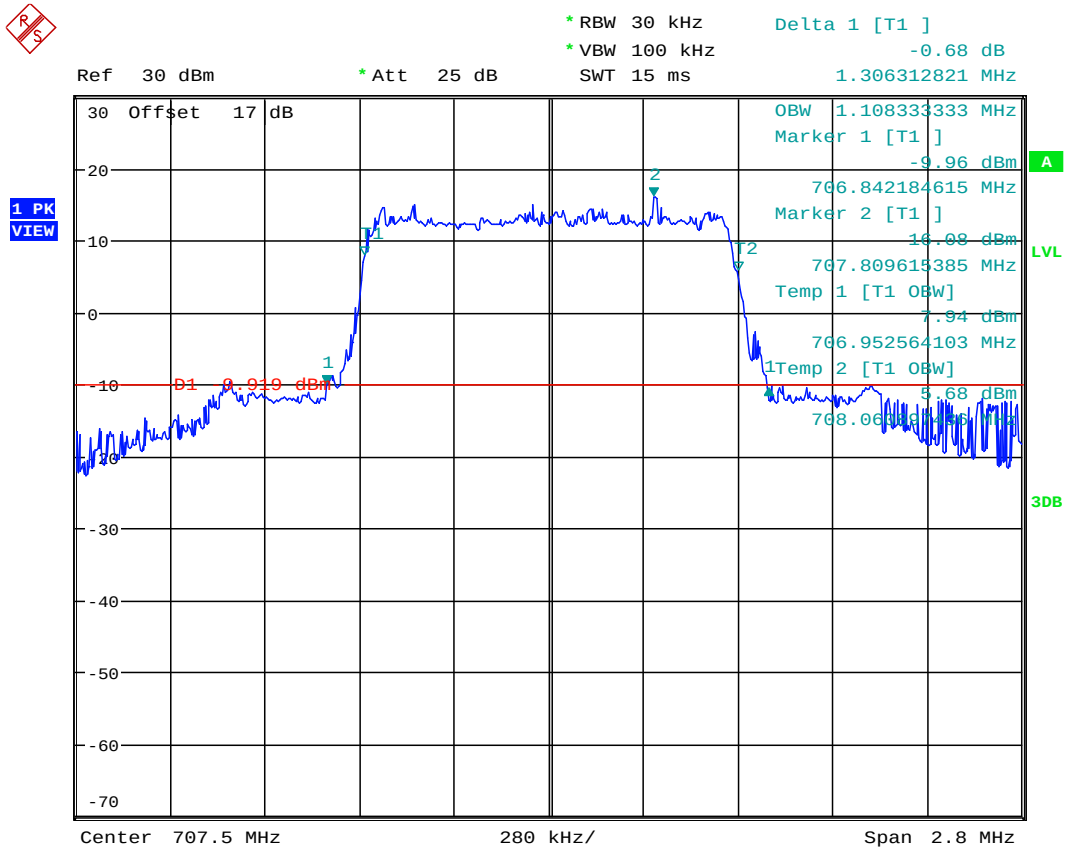
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Date: 16.APR.2019 17:44:35

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



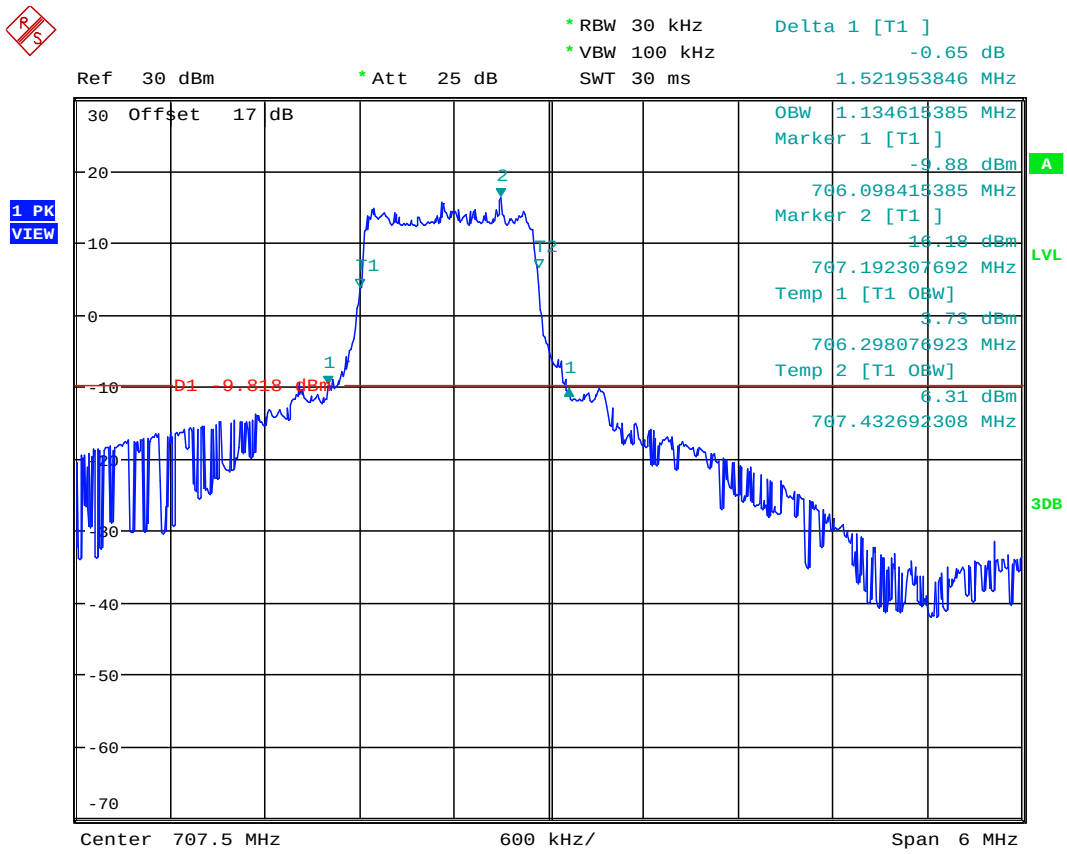
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Date: 16.APR.2019 17:46:30

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
QPSK
1.4MHz



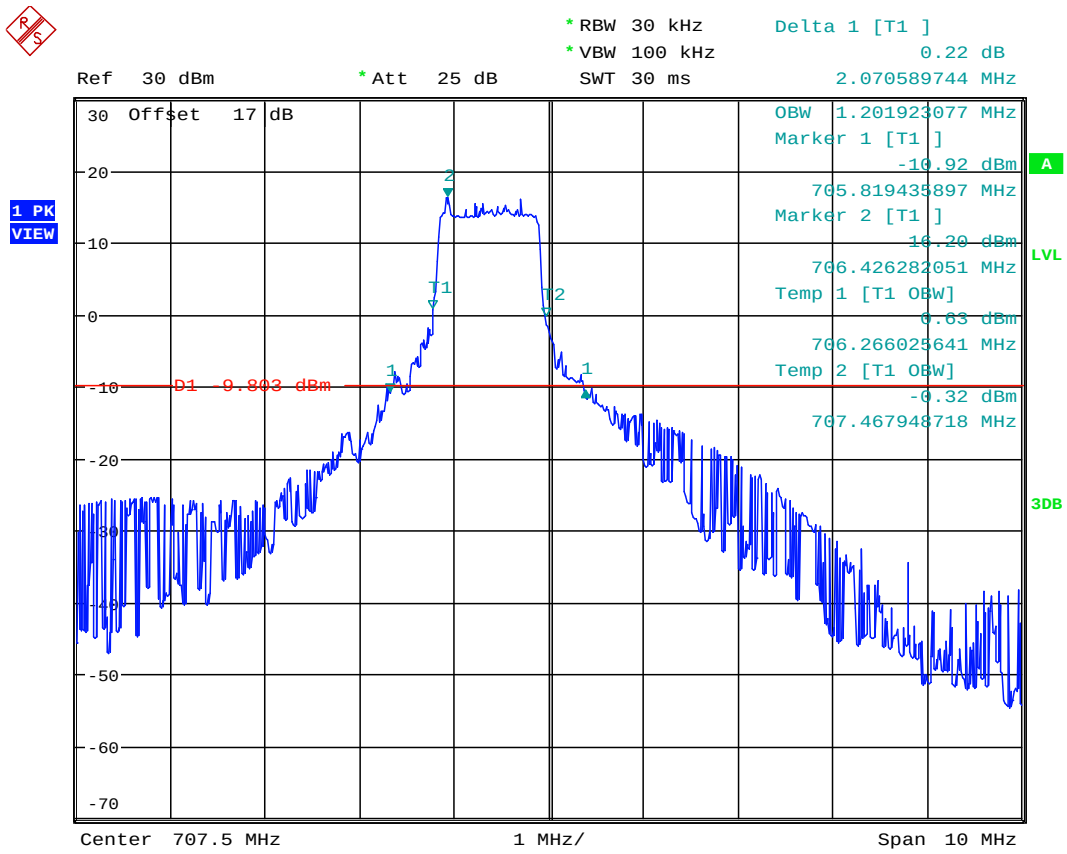
99% OBW &26DB BW BAND12_QPSK_1_4MHz_CH23095
Date: 16.APR.2019 17:38:06

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



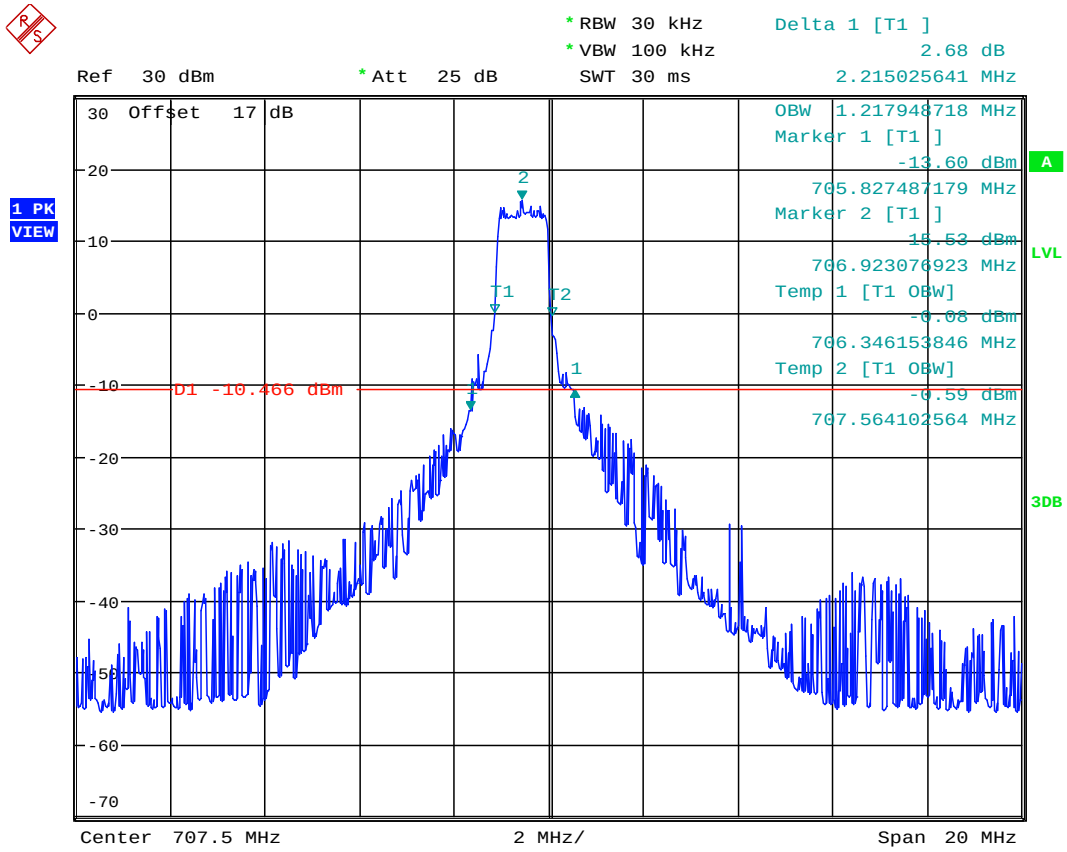
99% OBW &26DB BW BAND12_QPSK_3MHz_CH23095
Date: 16.APR.2019 17:41:12

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



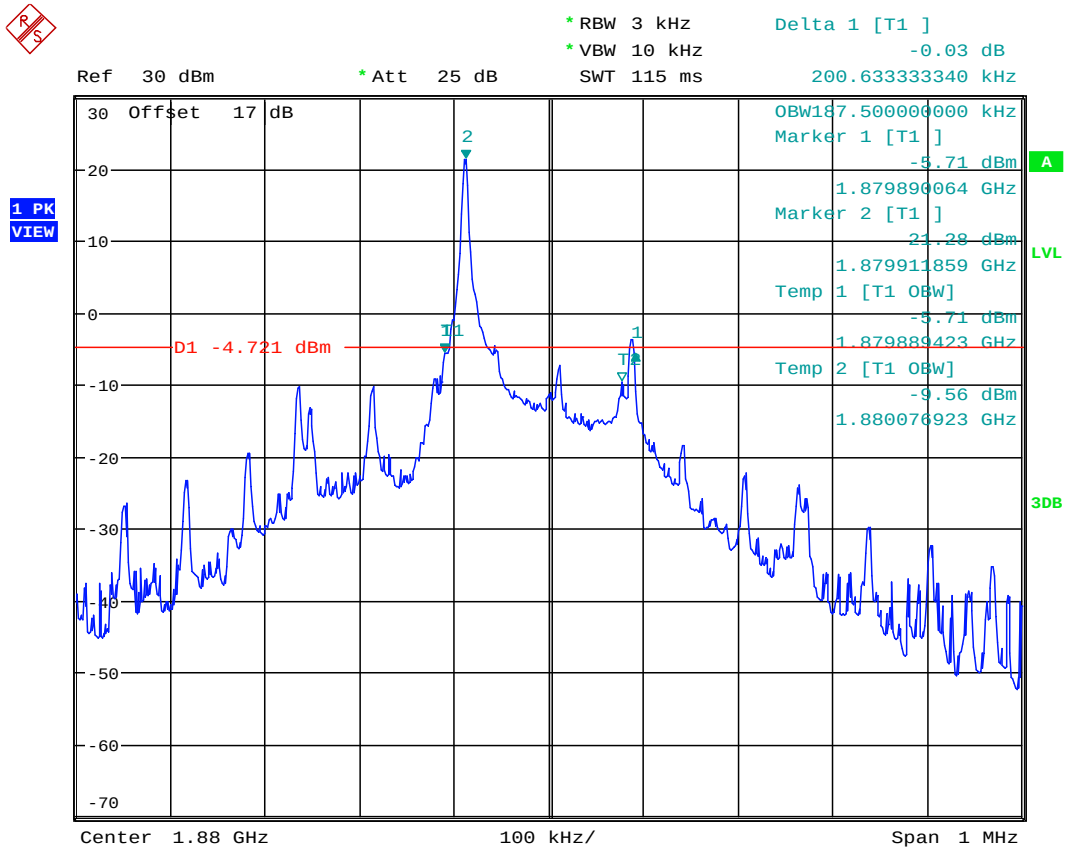
99% OBW &26DB BW BAND12_QPSK_5MHz_CH23095
Date: 16.APR.2019 17:43:00

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



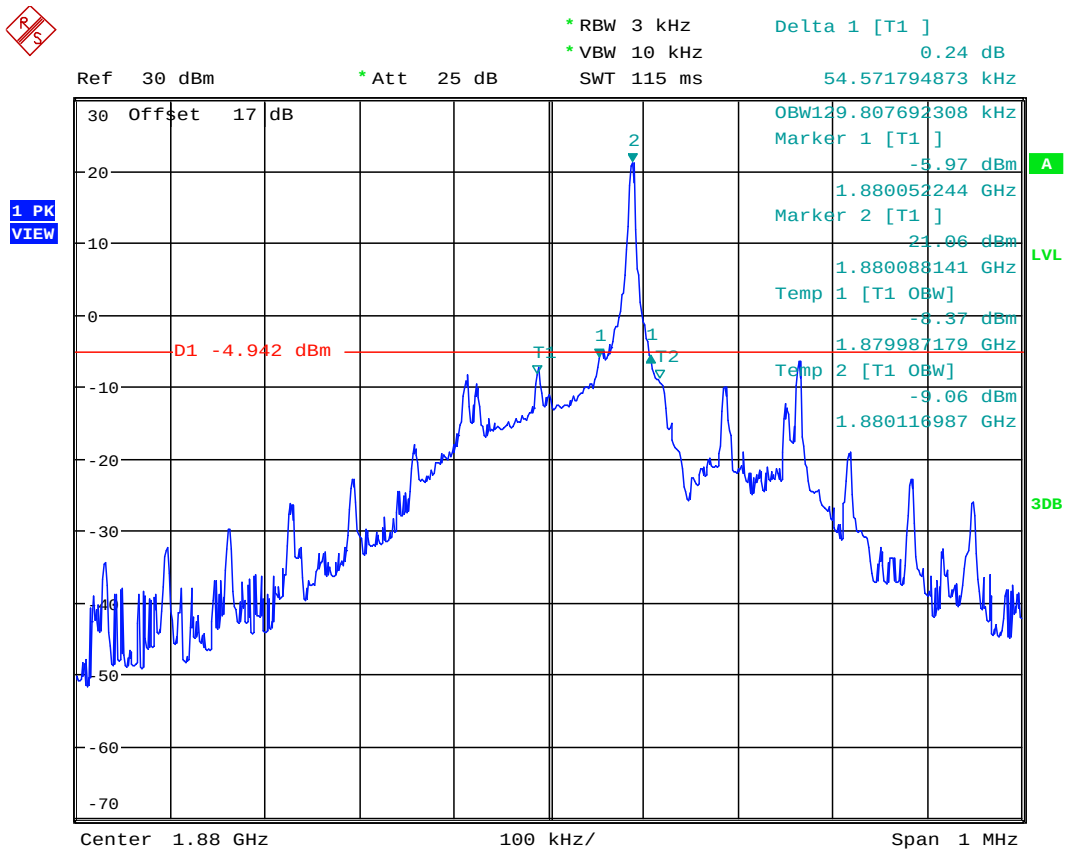
99% OBW &26DB BW BAND12_QPSK_10MHz_CH23095
Date: 16.APR.2019 17:47:44

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Cat NB1
Band II
BPSK
3.75kHz
1RB0



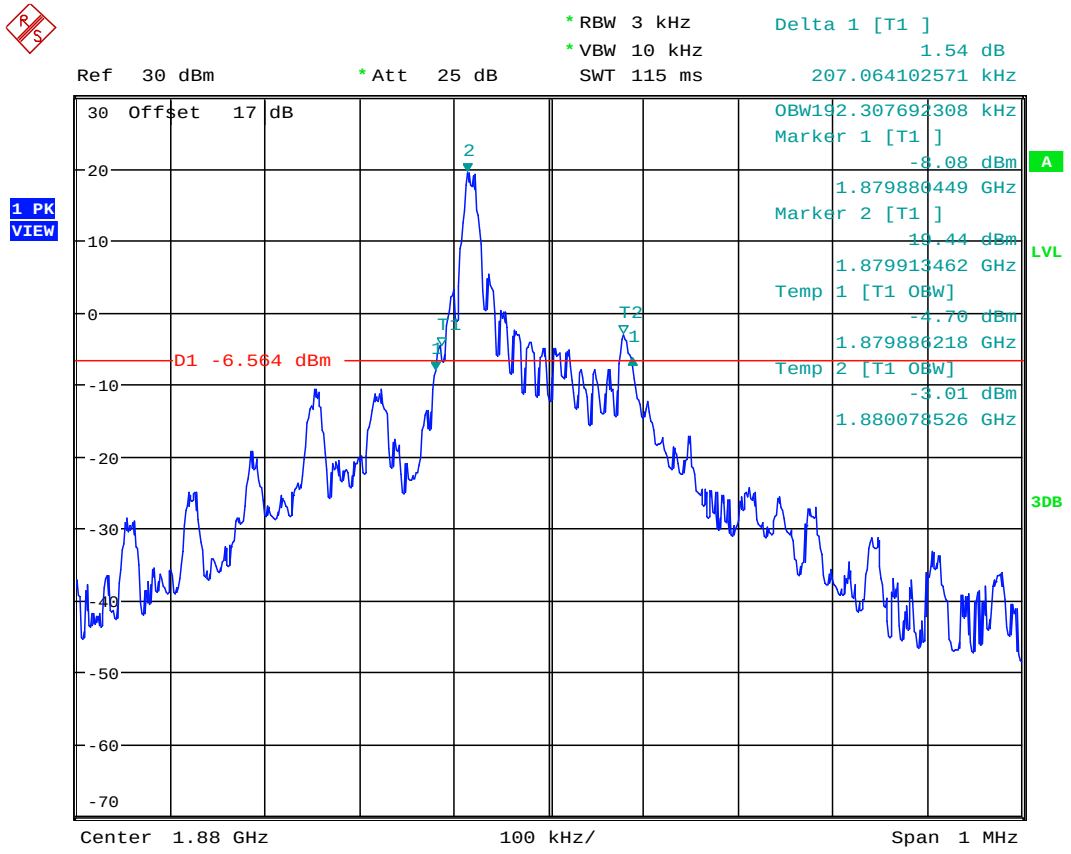
99% OBW &26DB BW BAND2_BPSK_3_75KHz_CH18900_1RB0
Date: 17.APR.2019 15:36:12

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB47



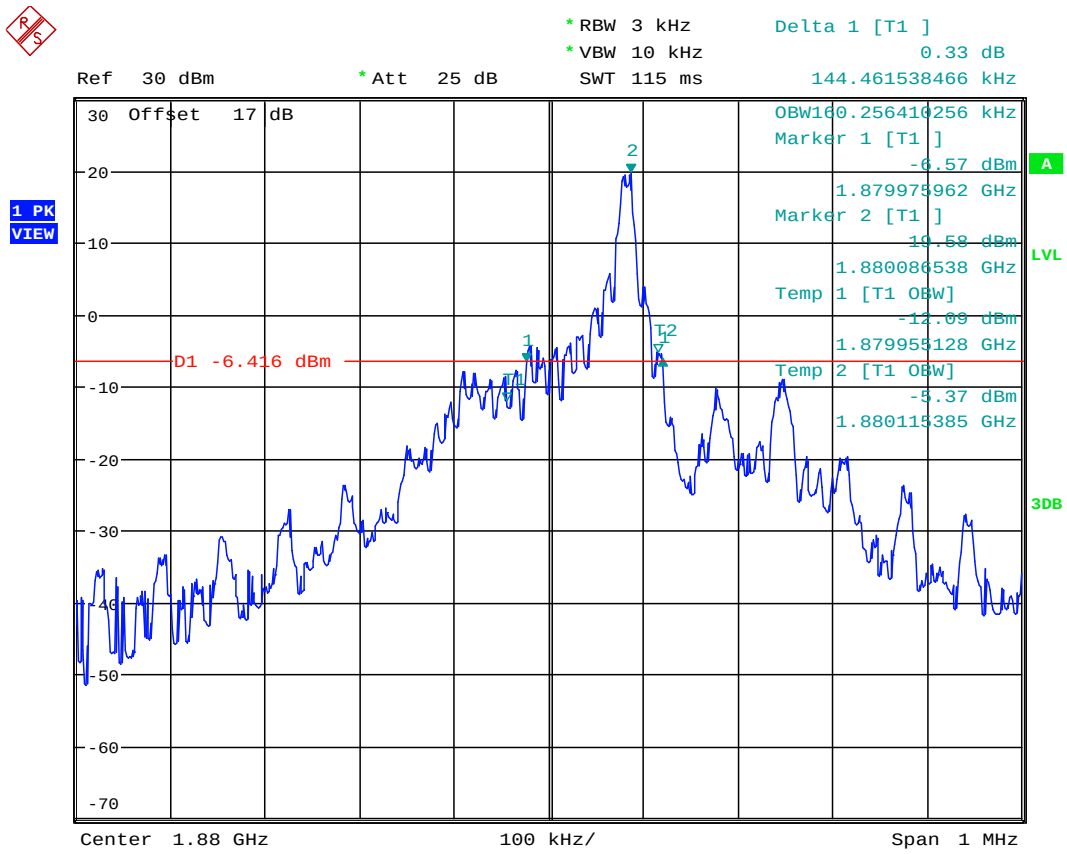
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Date: 17.APR.2019 15:35:17

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
1RB0



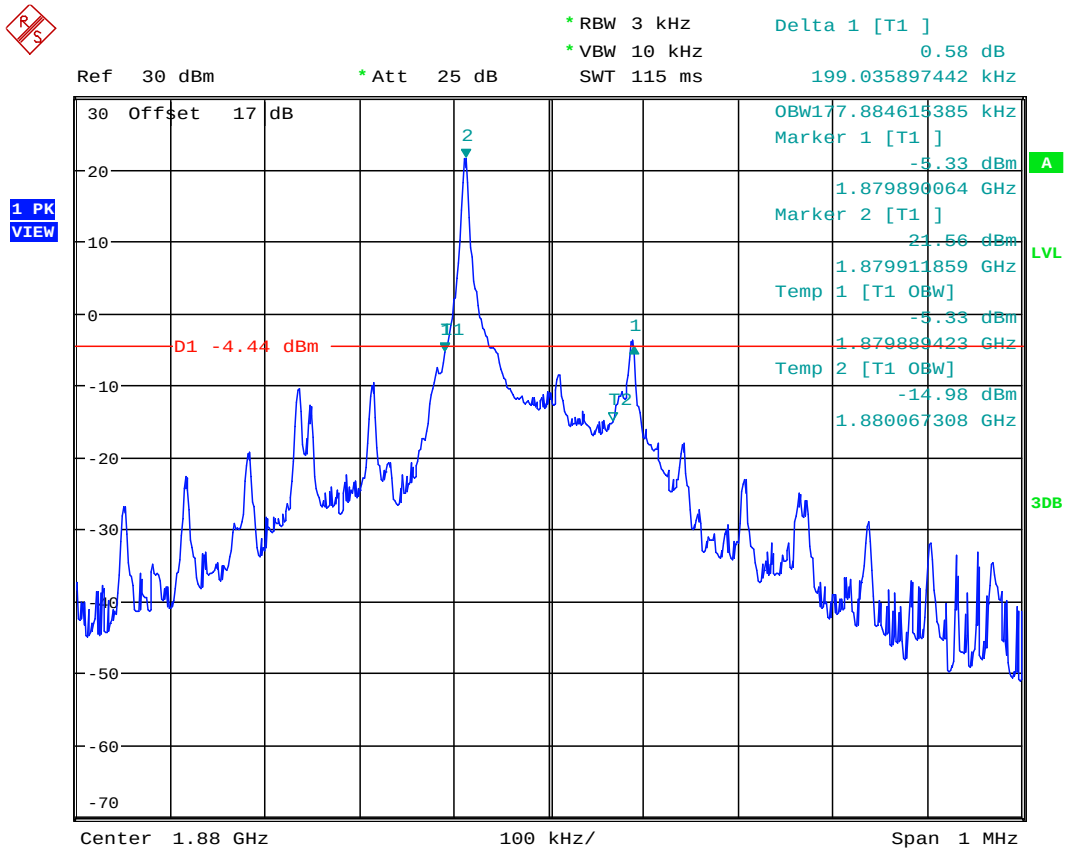
99% OBW &26DB BW BAND2_BPSK_15KHz_CH18900_1RB0
Date: 17.APR.2019 15:39:19

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB11



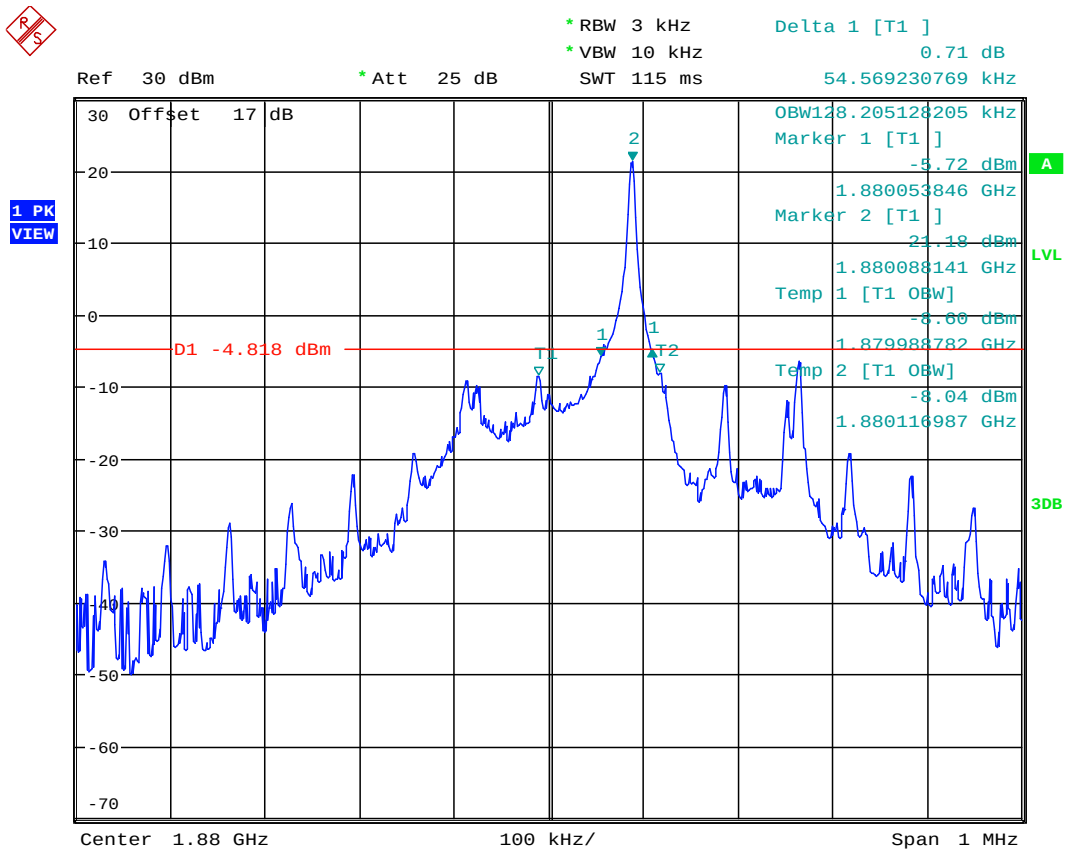
99% OBW &26DB BW BAND2_BPSK_15KHz_CH18900_1RB11
Date: 17.APR.2019 15:40:35

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
QPSK
3.75kHz
1RB0



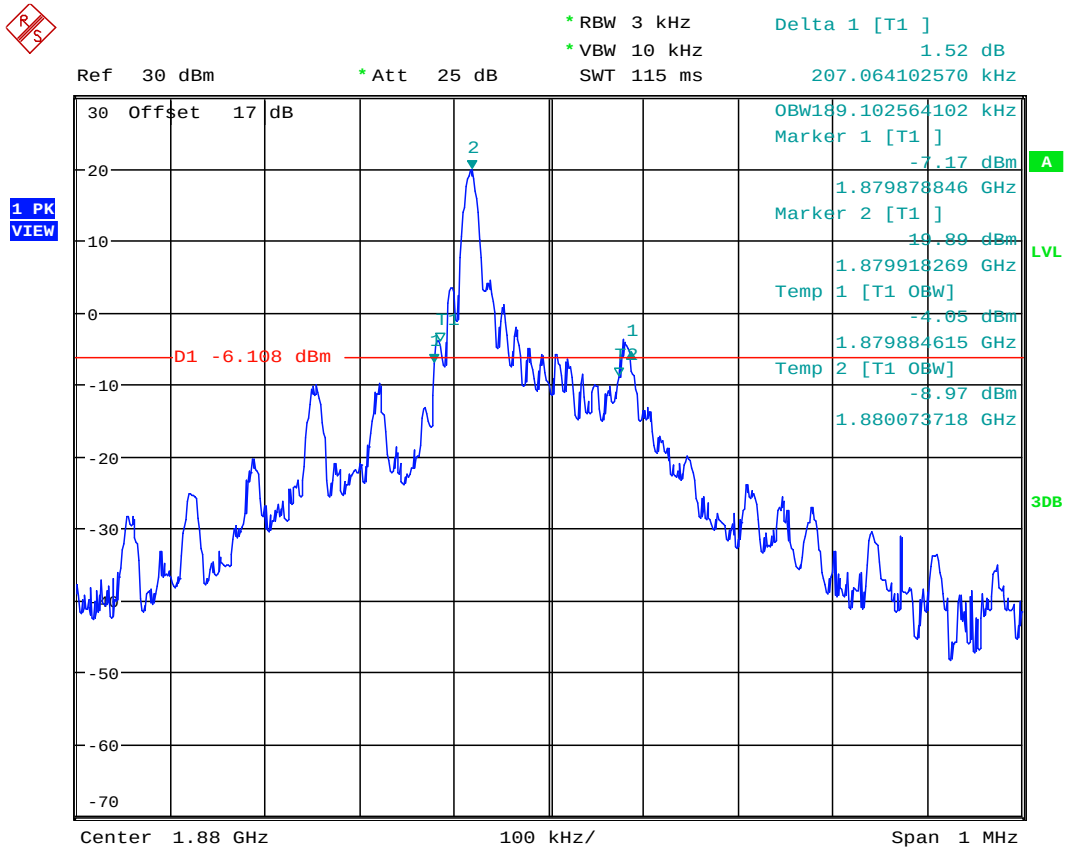
99% OBW &26DB BW BAND2_QPSK_3_75KHz_CH18900_1RB0
Date: 17.APR.2019 15:33:22

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB47



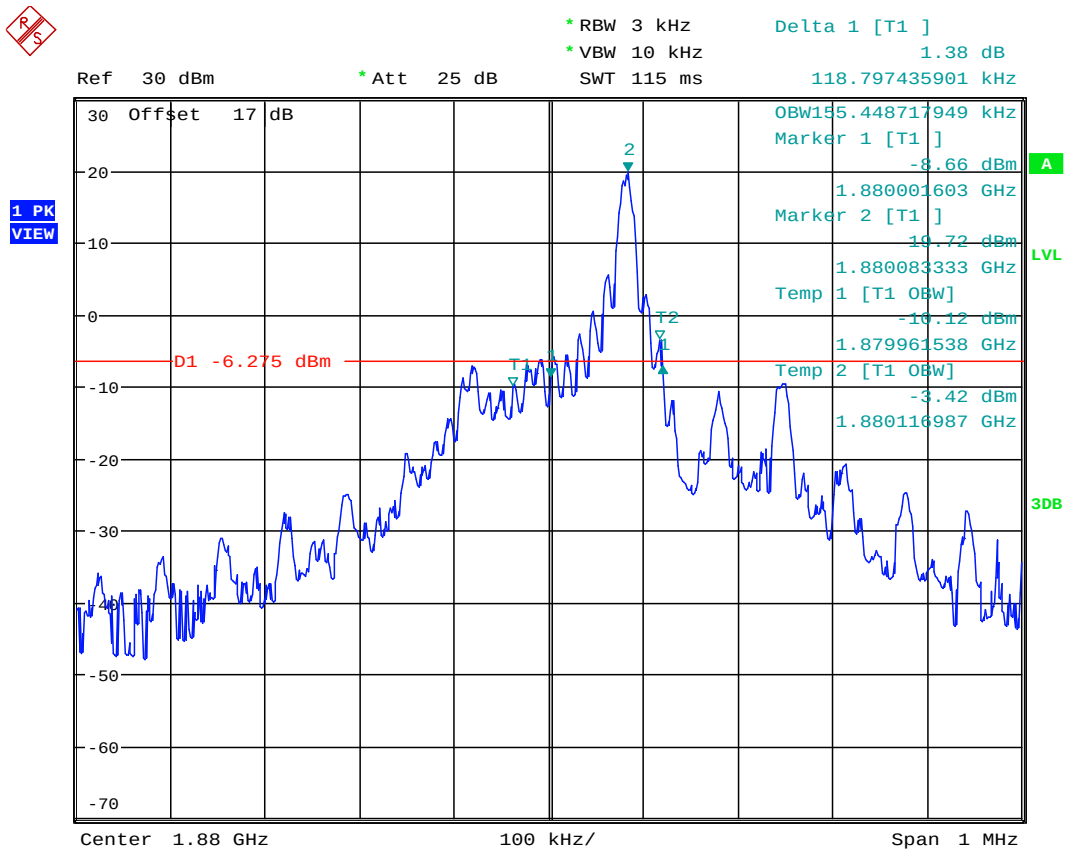
99% OBW &26DB BW BAND2_QPSK_3_75KHz_CH18900_1RB47
Date: 17.APR.2019 15:34:22

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
1RB0



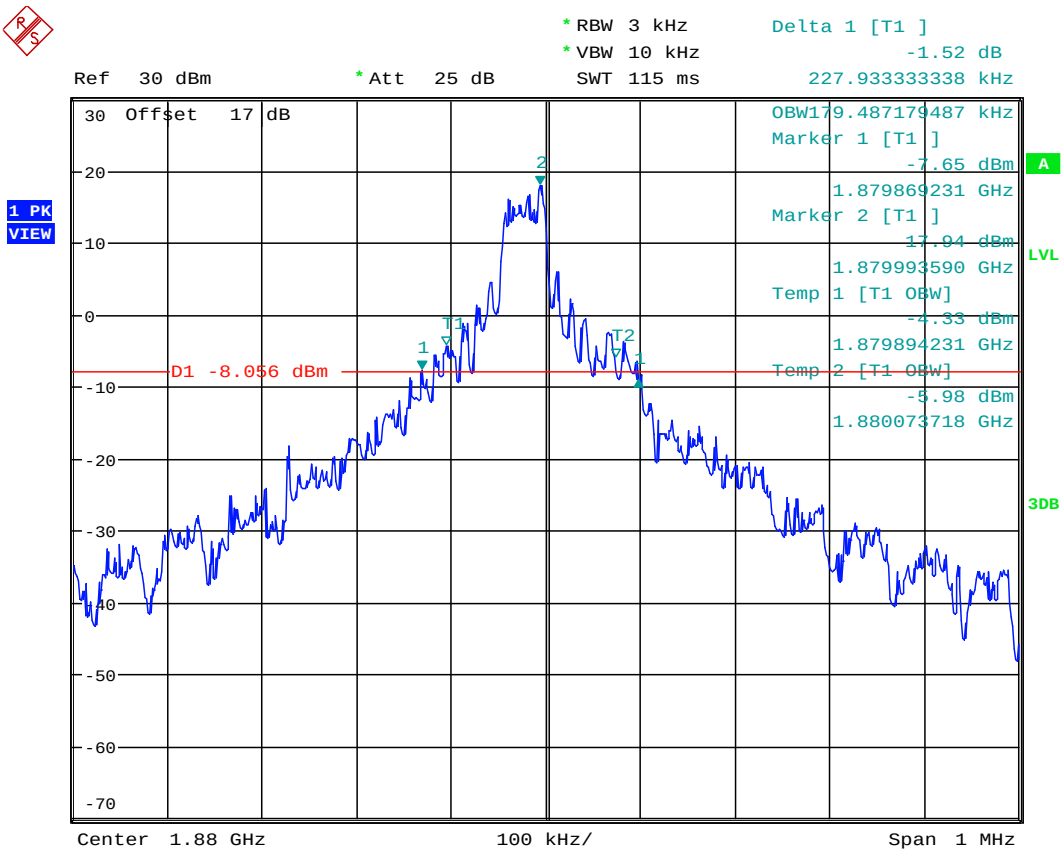
99% OBW &26DB BW BAND2_QPSK_15KHz_CH18900_1RB0
Date: 17.APR.2019 15:44:43

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB11



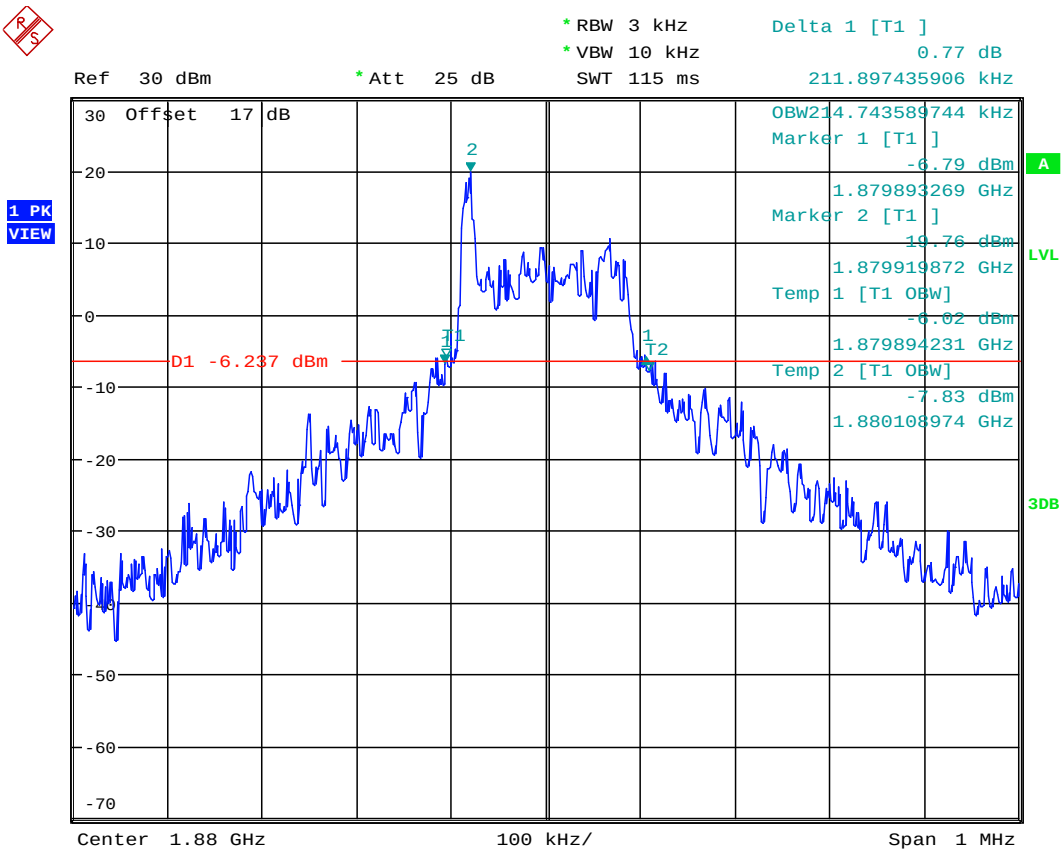
99% OBW &26DB BW BAND2_QPSK_15KHz_CH18900_1RB11
Date: 17.APR.2019 15:43:42

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3RB3



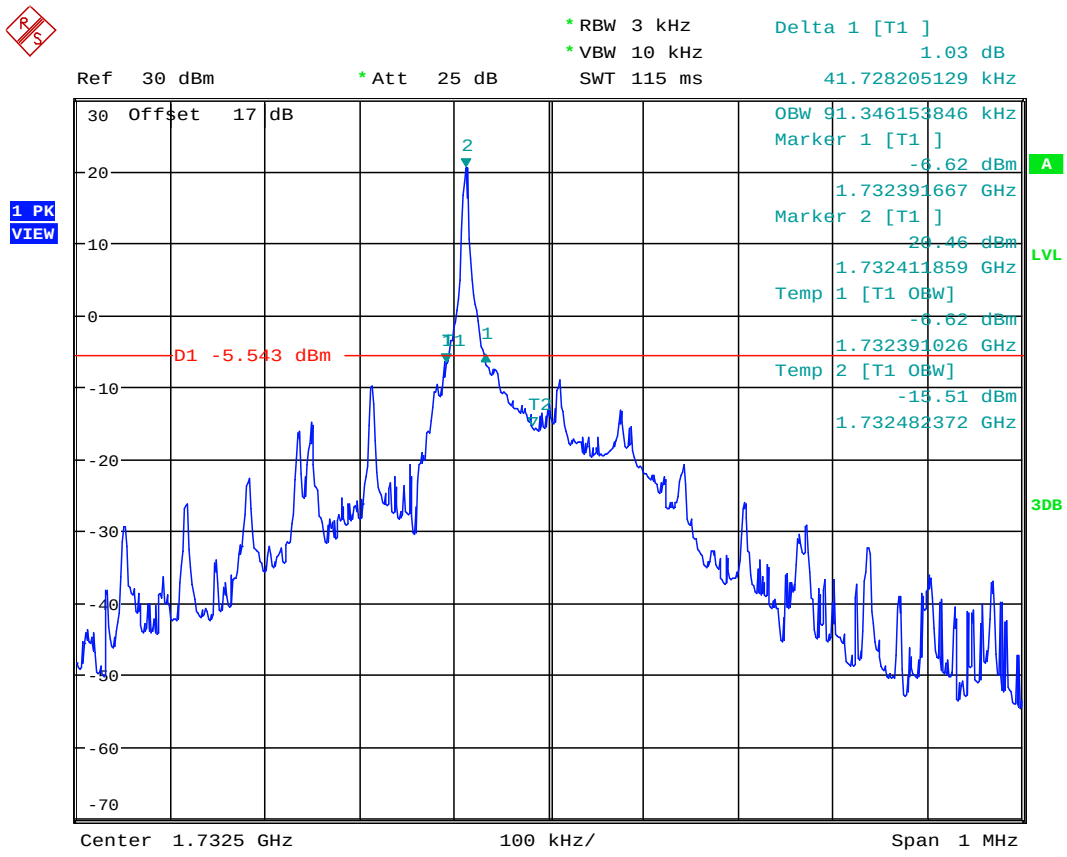
99% OBW &26DB BW BAND2_QPSK_15KHz_CH18900_3RB3
Date: 17.APR.2019 15:51:43

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
12RB0



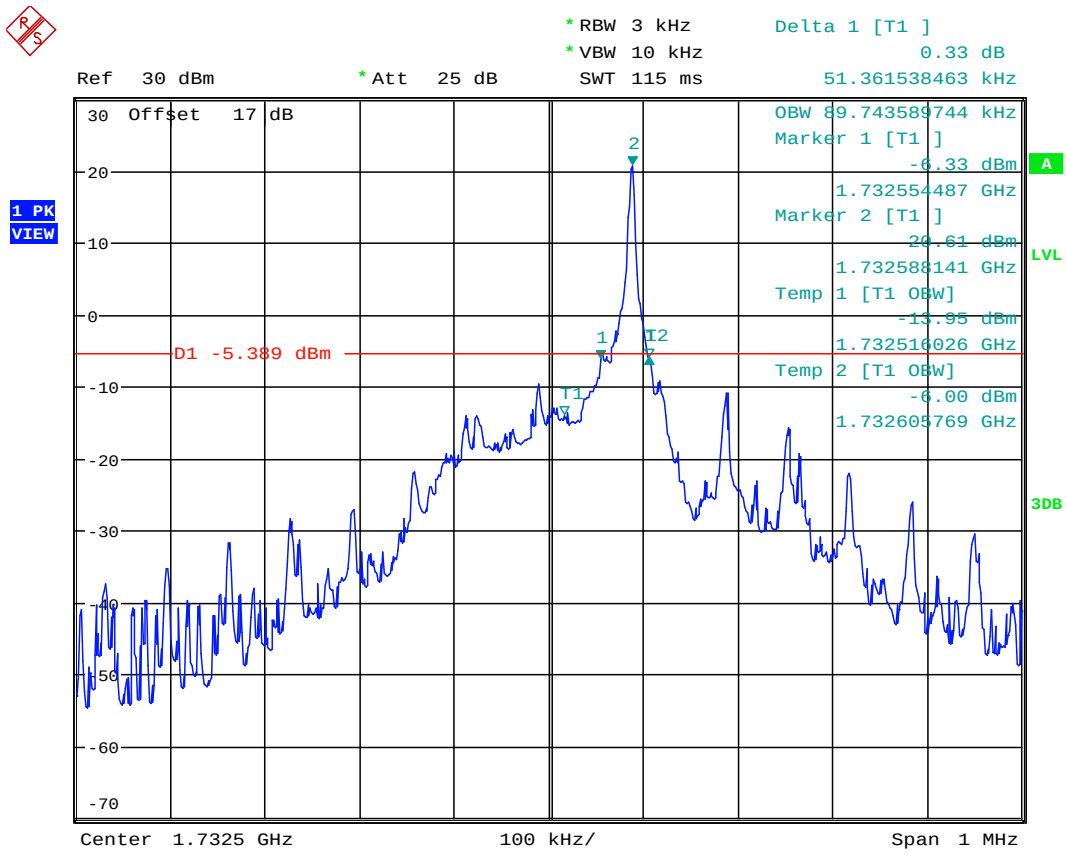
99% OBW &26DB BW BAND2_QPSK_15KHz_CH18900_12RB0
Date: 17.APR.2019 15:46:27

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band IV
BPSK
3.75kHz
1RB0



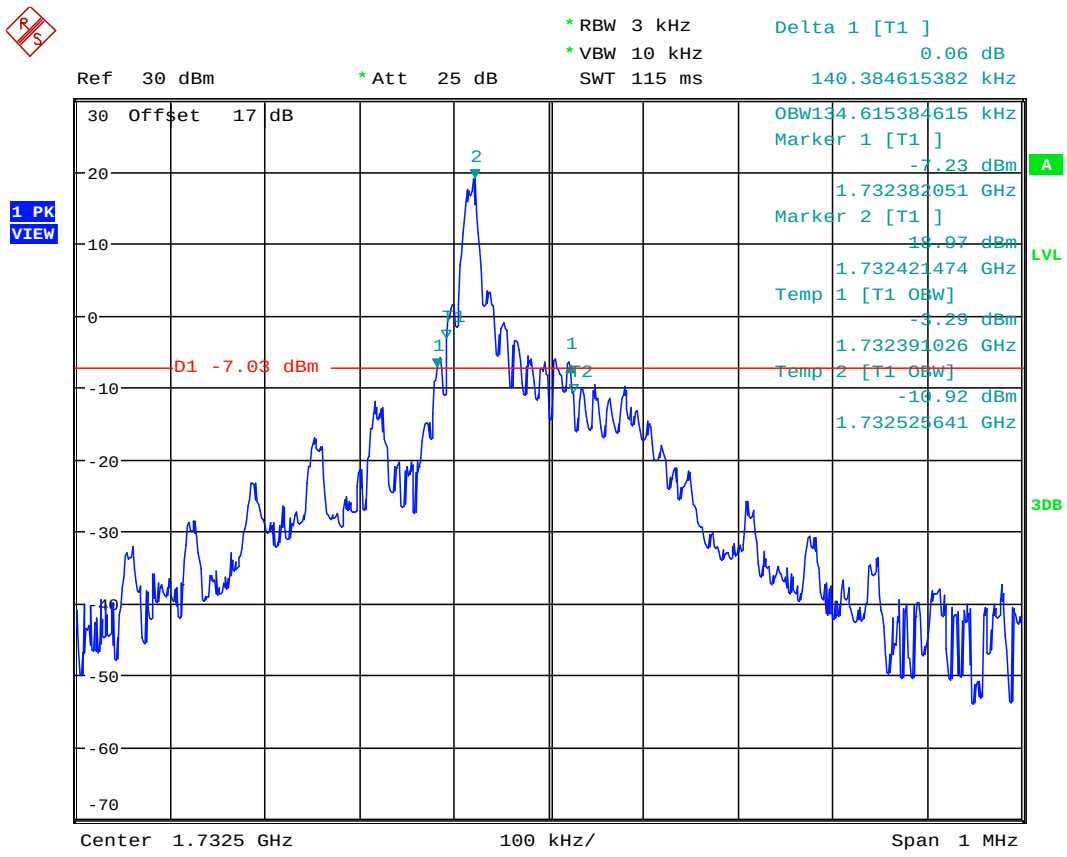
99% OBW &26DB BW BAND4_BPSK_3_75KHz_CH20175_1RB0
Date: 17.APR.2019 16:14:14

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB47



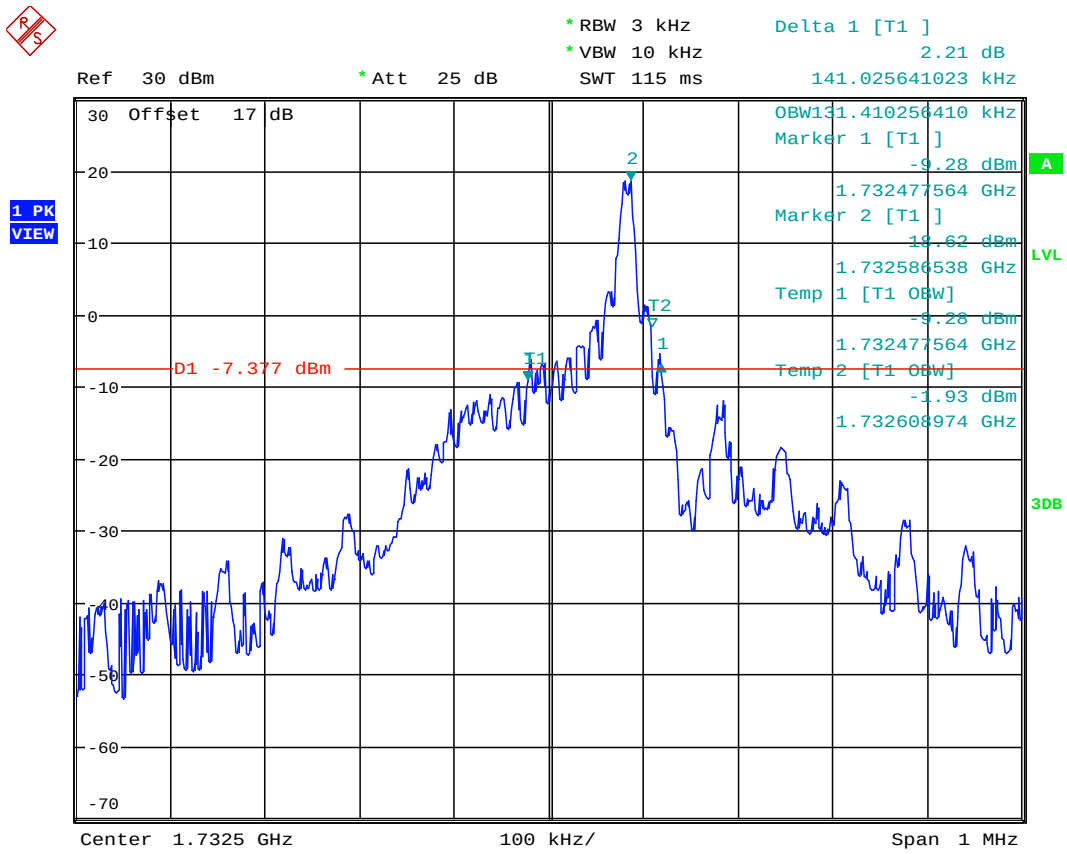
99% OBW &26DB BW BAND4_BPSK_3_75KHz_CH20175_1RB47
Date: 17.APR.2019 16:15:28

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
1RB0



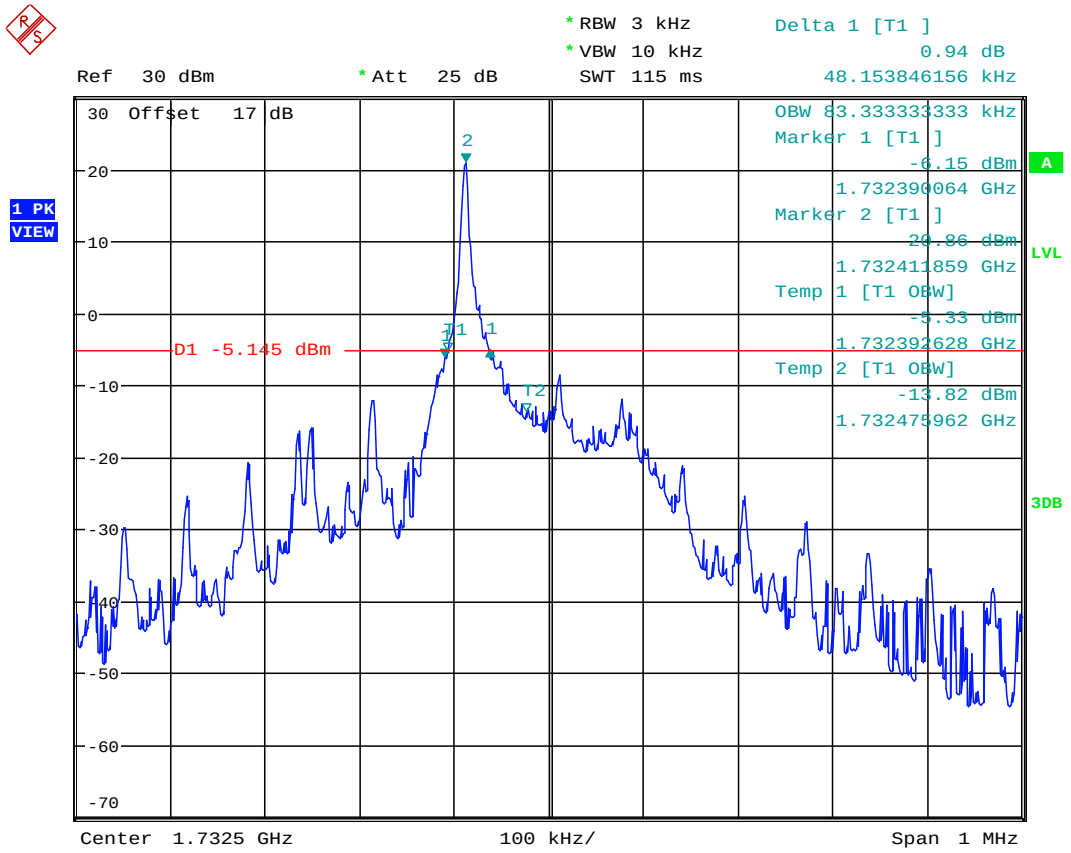
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Date: 17.APR.2019 16:25:33

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB11



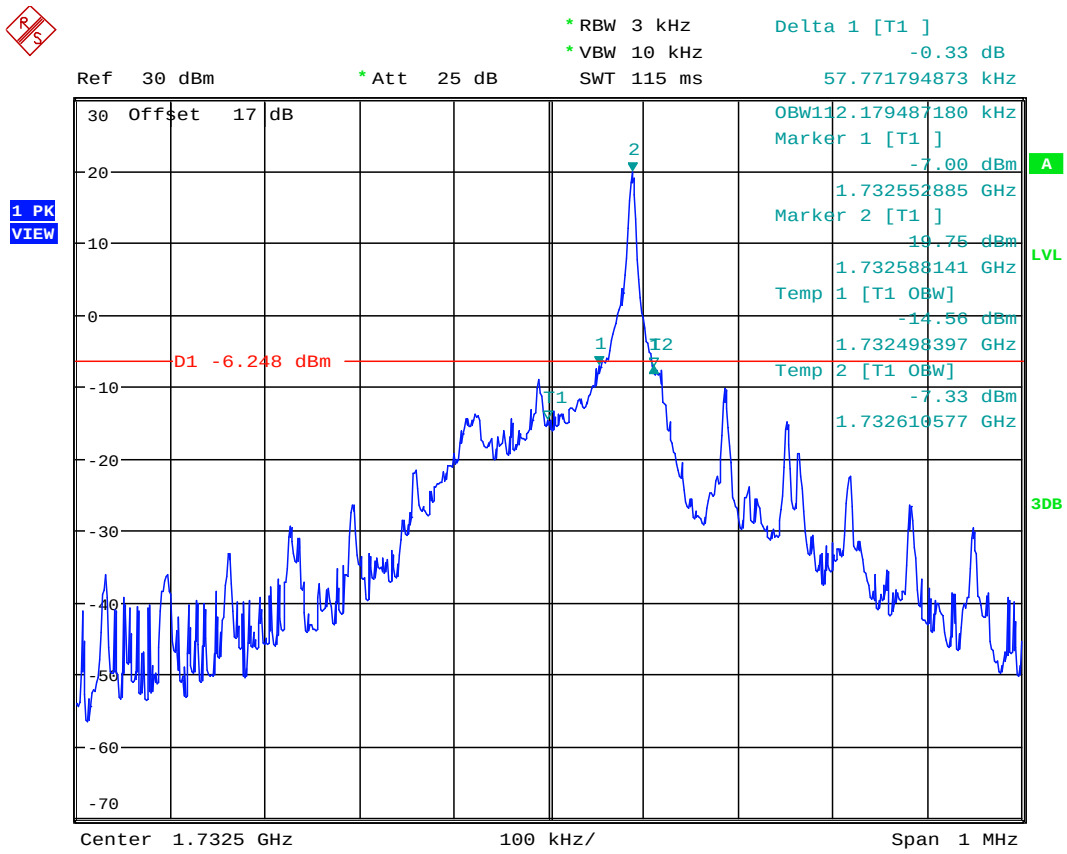
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Date: 17.APR.2019 16:24:22

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
QPSK
3.75kHz
1RB0



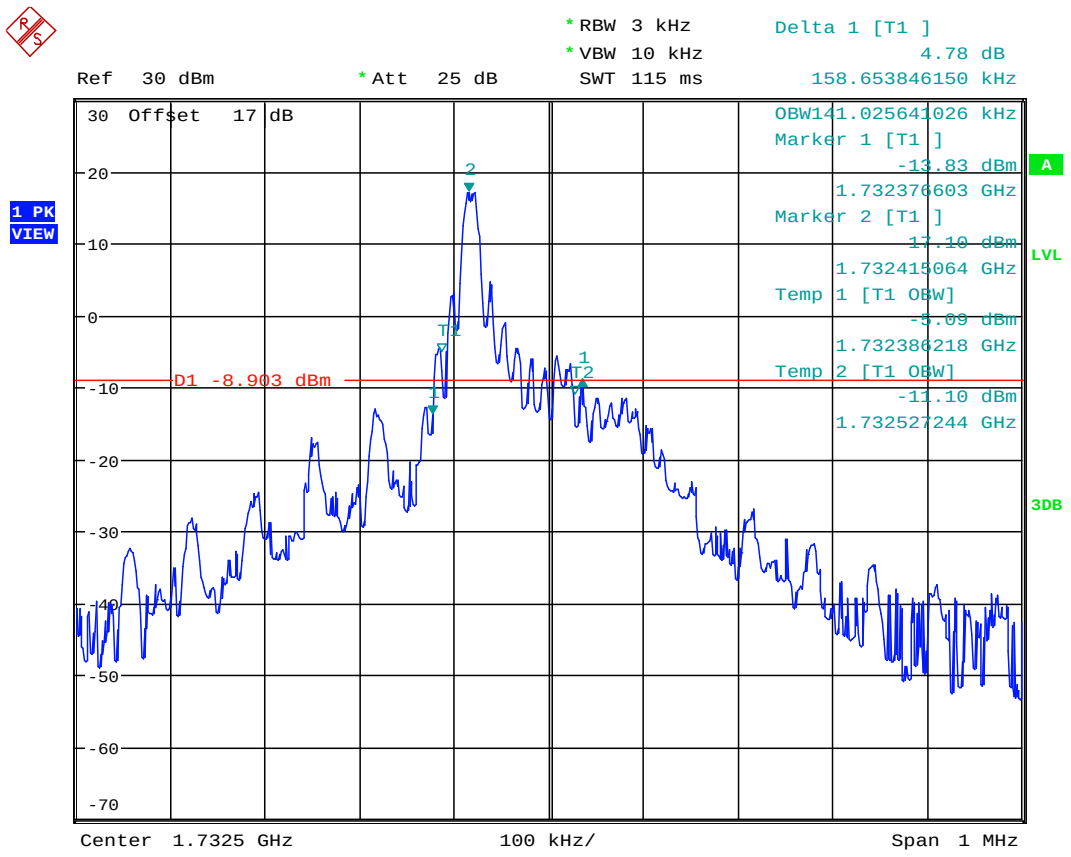
99% OBW &26DB BW BAND4_QPSK_3_75KHz_CH20175_1RB0
Date: 17.APR.2019 16:18:33

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB47



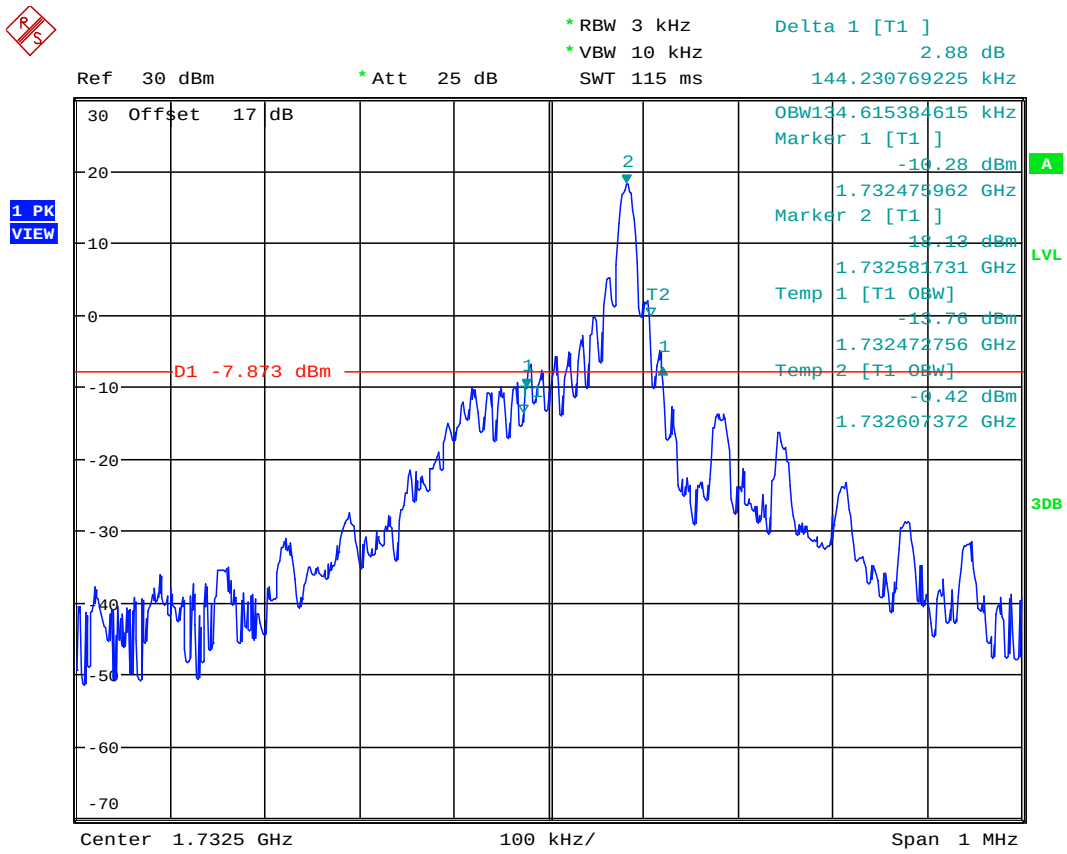
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Date: 17.APR.2019 16:16:45

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
1RB0



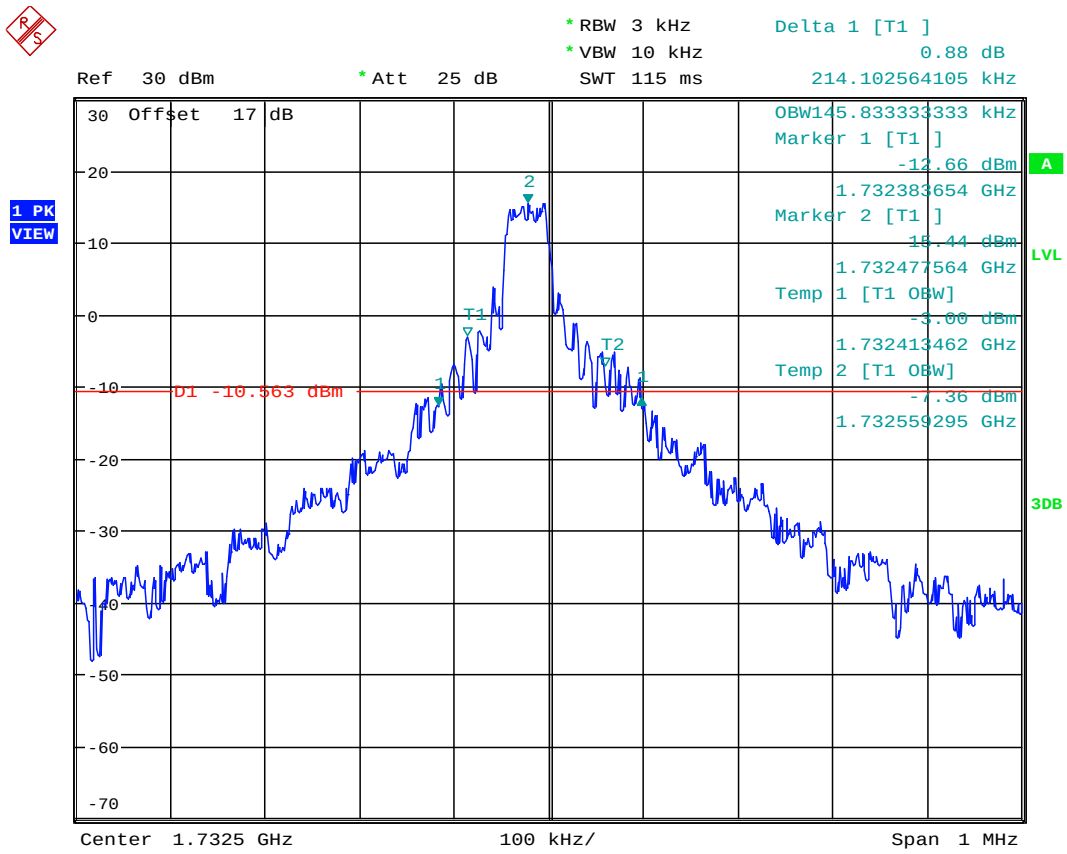
99% OBW &26DB BW BAND4_QPSK_15KHz_CH20175_1RB0
Date: 17.APR.2019 16:21:56

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB11



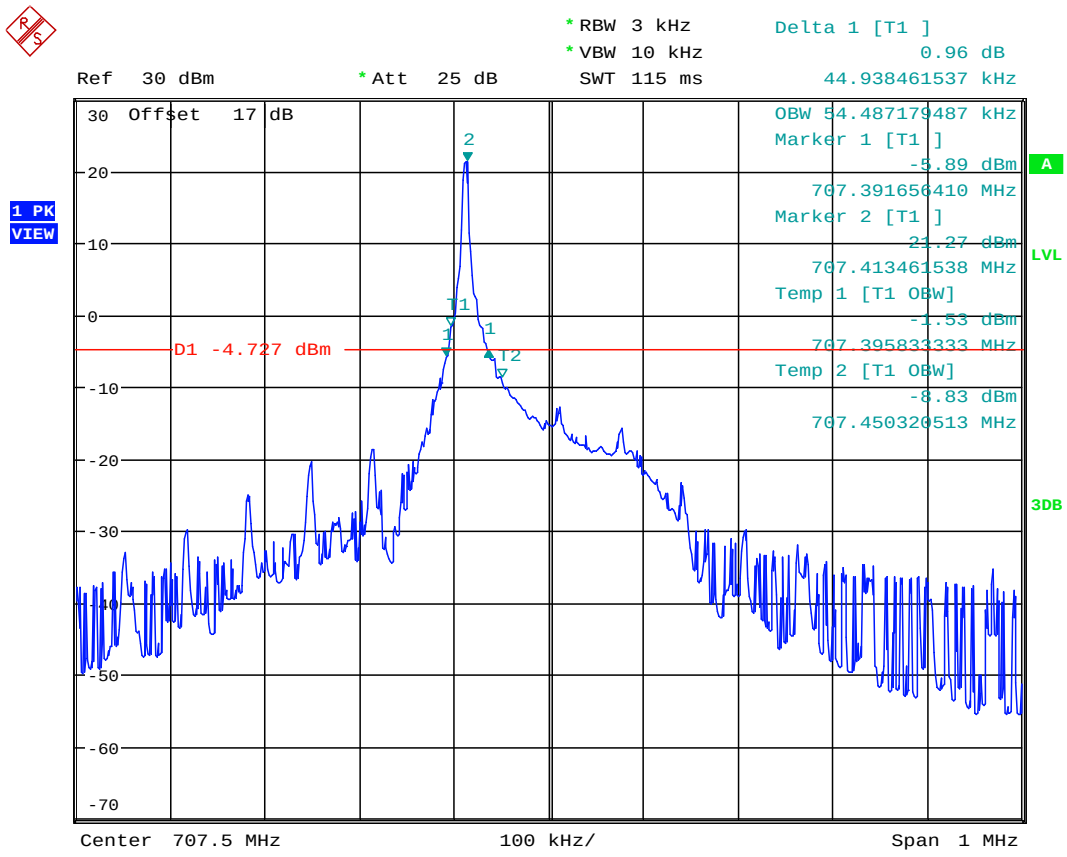
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Date: 17.APR.2019 16:23:15

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3RB3



99% OBW &26DB BW BAND4_QPSK_15KHz_CH20175_3RB3
Date: 17.APR.2019 16:26:52

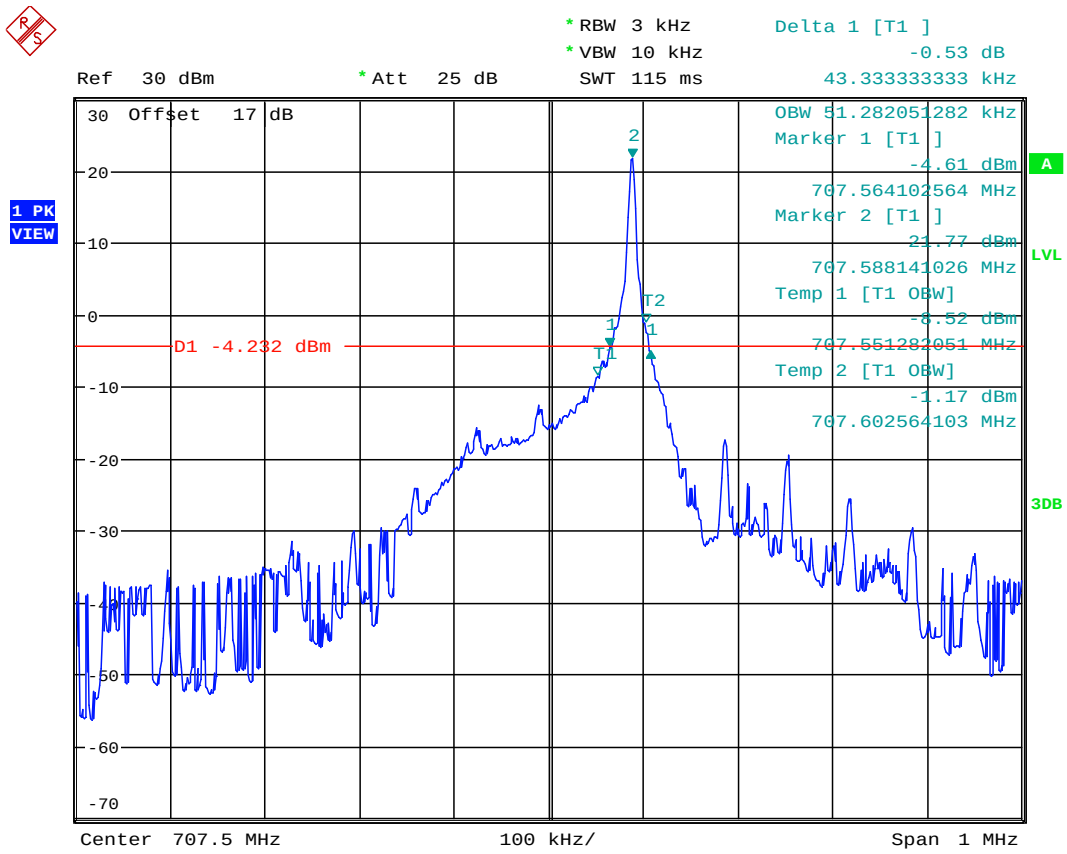
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band XII
BPSK
3.75kHz
1RB0



99% OBW &26DB BW BAND12_BPSK_3_75KHz_CH23095_1RB0

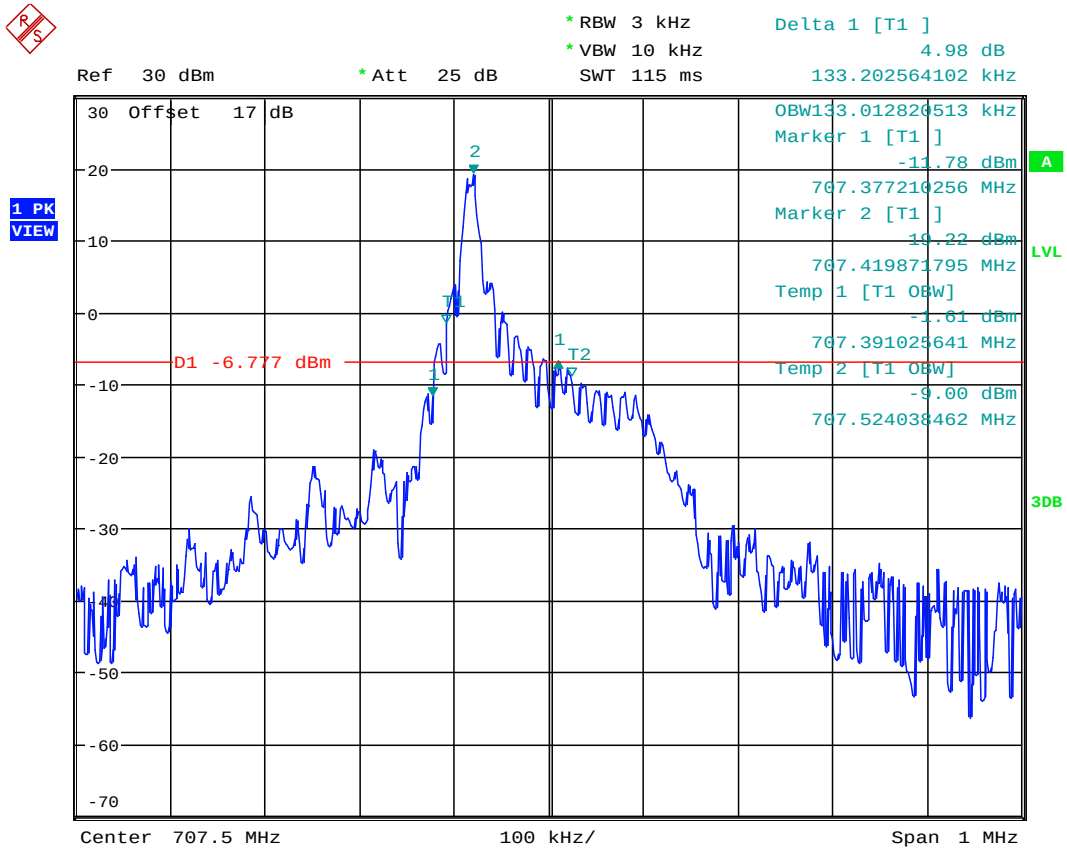
Date: 17.APR.2019 16:50:37

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB47



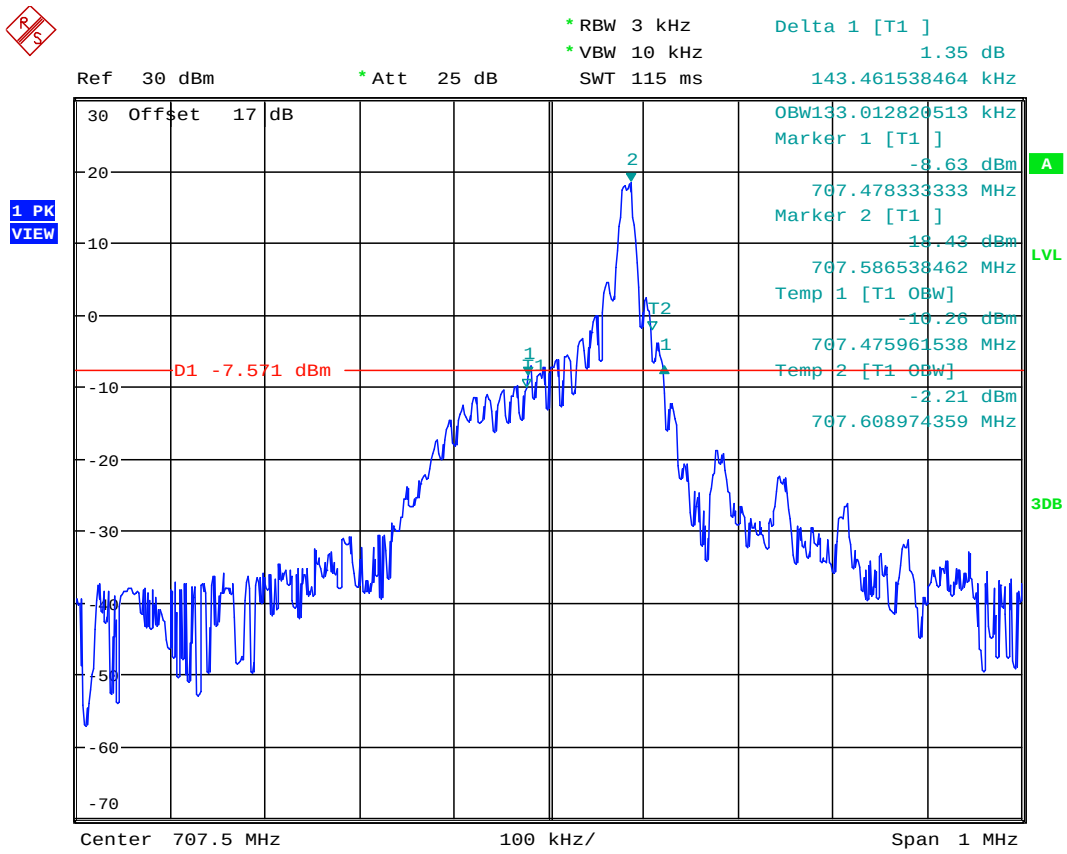
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Date: 17.APR.2019 16:51:38

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
1RB0



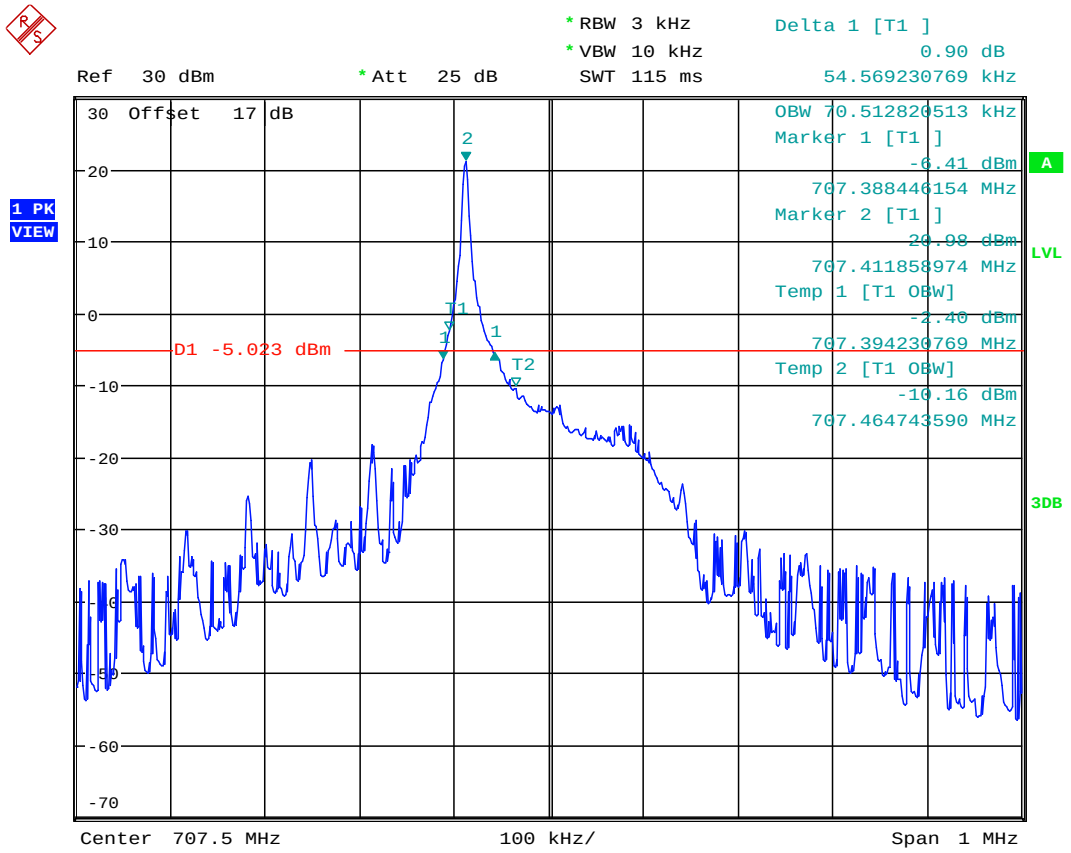
99% OBW &26DB BW BAND12_BPSK_15KHz_CH23095_1RB0
Date: 17.APR.2019 17:15:57

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB11



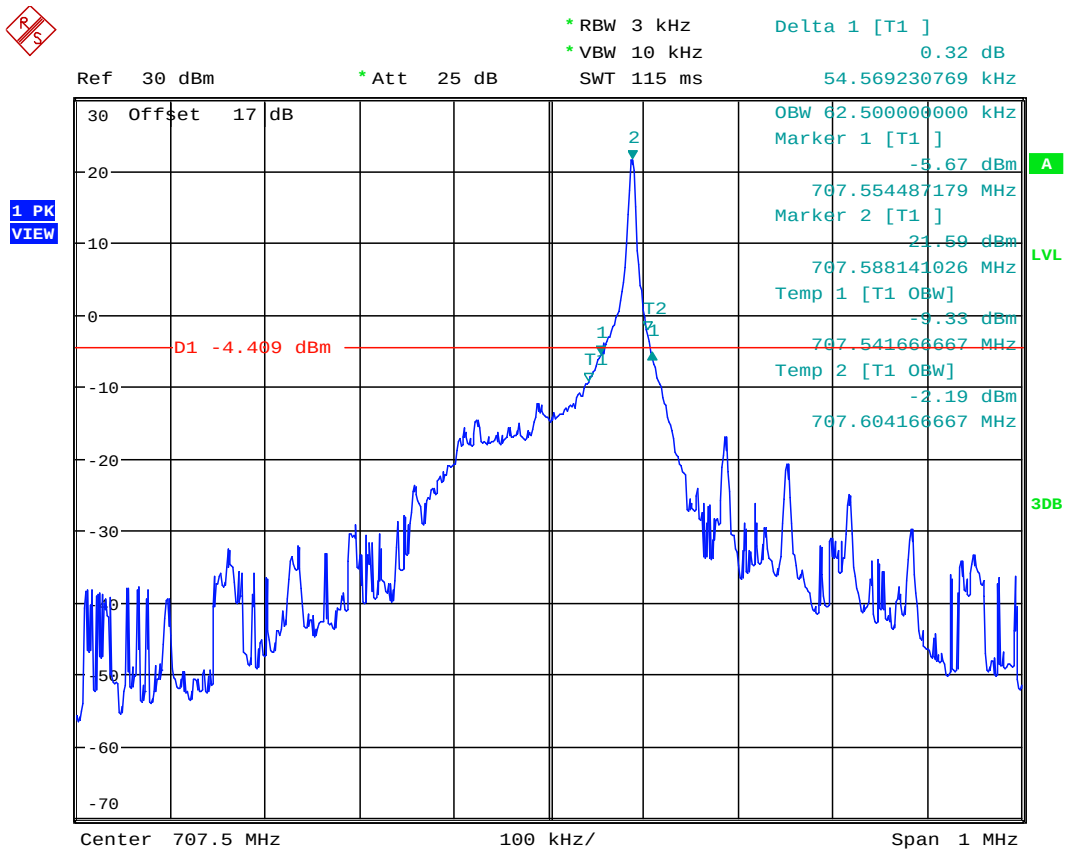
99% OBW &26DB BW BAND12_BPSK_15KHz_CH23095_1RB11
Date: 17.APR.2019 17:14:42

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
QPSK
3.75kHz
1RB0



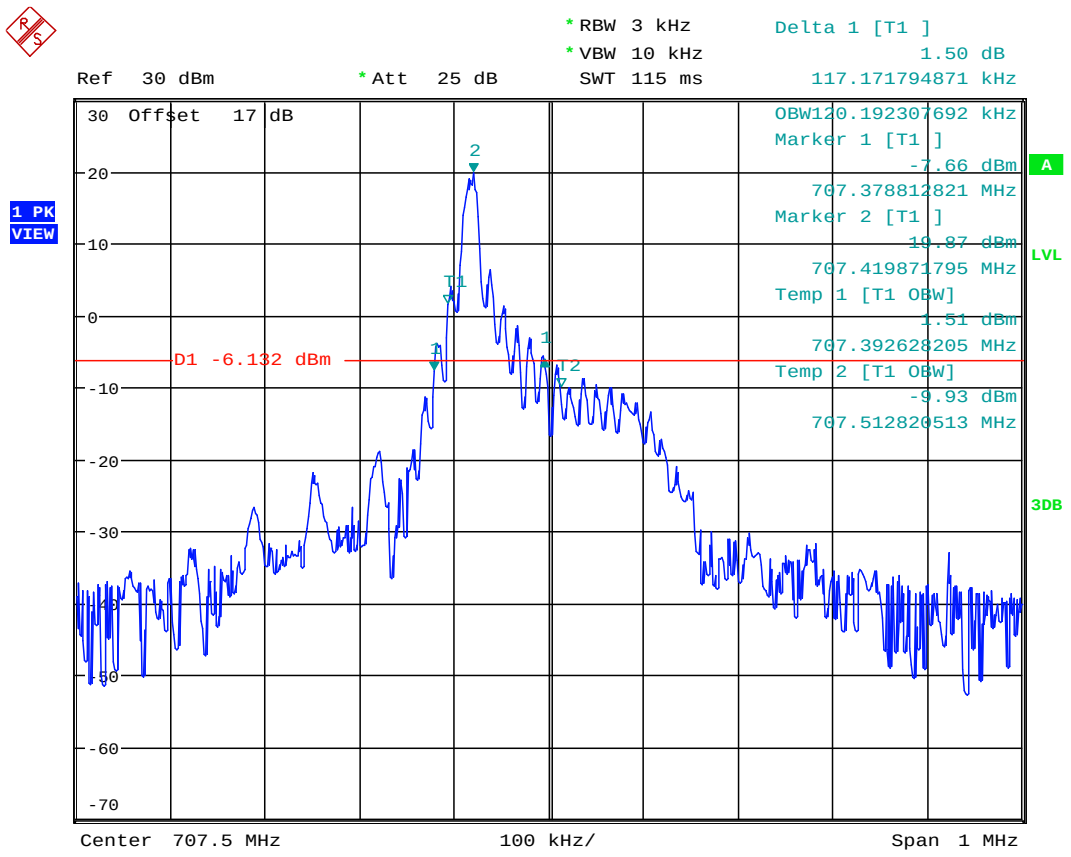
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Date: 17.APR.2019 17:03:03

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB47



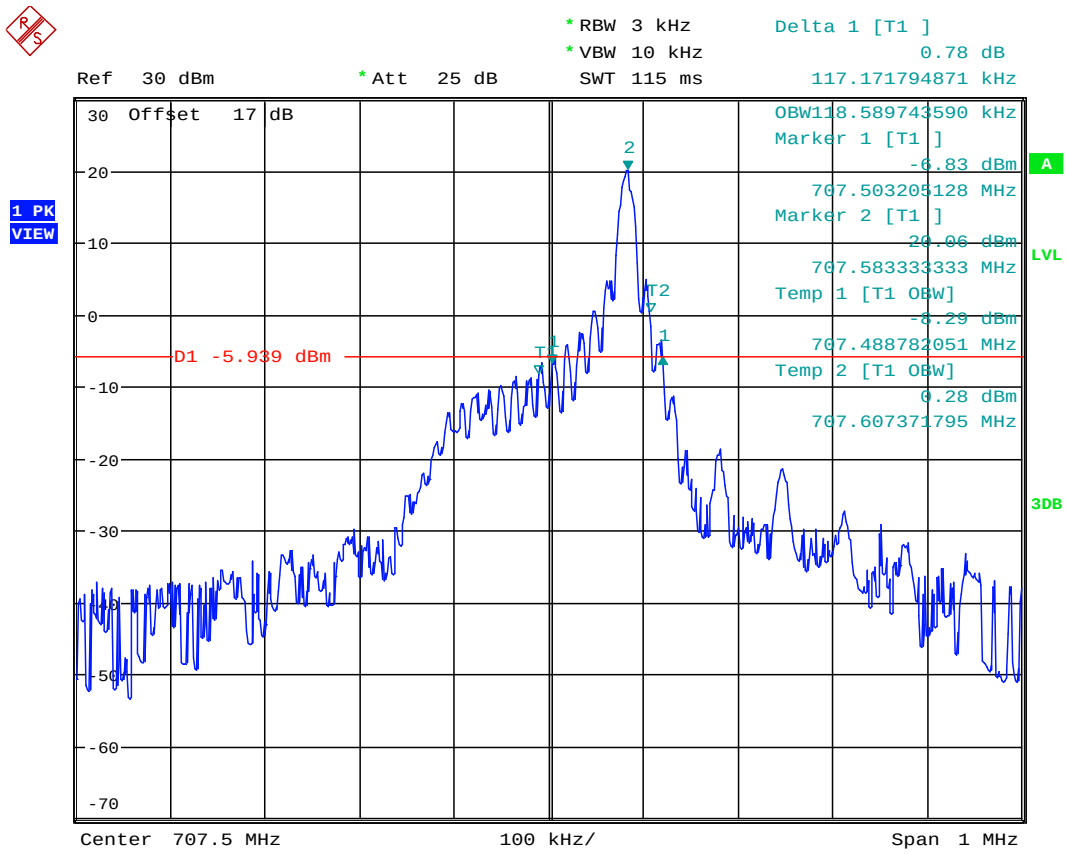
99% OBW &26DB BW BAND12_QPSK_3_75KHz_CH23095_1RB47
Date: 17.APR.2019 17:01:28

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
1RB0



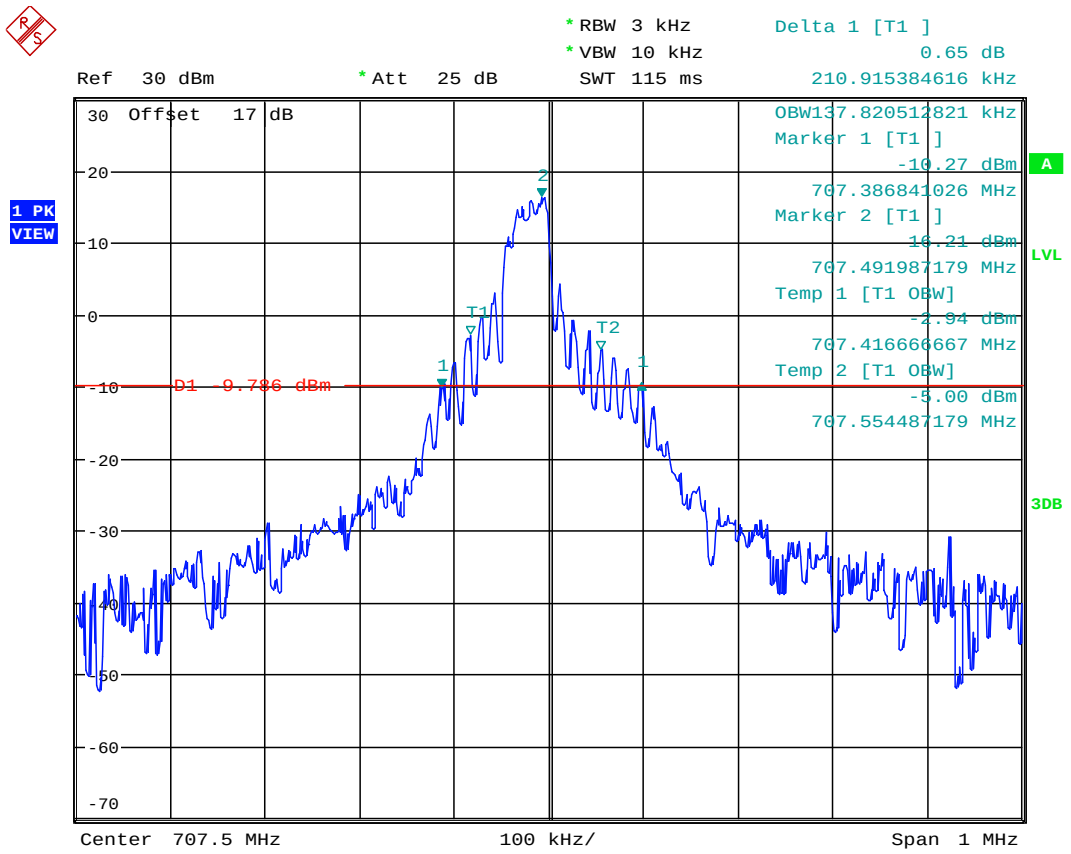
99% OBW &26DB BW BAND12_QPSK_15KHz_CH23095_1RB0
Date: 17.APR.2019 17:11:17

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
1RB11



99% OBW &26DB BW BAND12_QPSK_15KHz_CH23095_1RB11
Date: 17.APR.2019 17:13:24

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3RB3



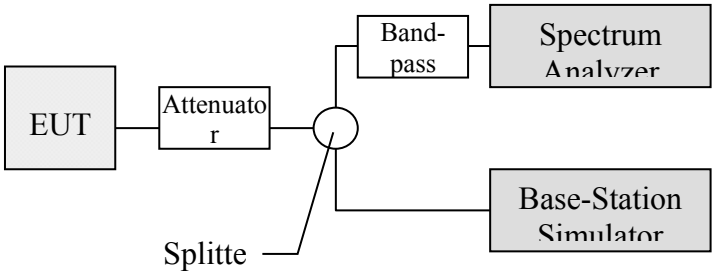
99% OBW &26DB BW BAND12_QPSK_15KHz_CH23095_3RB3
Date: 17.APR.2019 17:17:03

Test equipment: ETSTW-RE 055, ETSTW-GSM 002, ETSTW-GSM 023, ETSTW-GSM 024

7. Spurious Emissions at Antenna Terminals

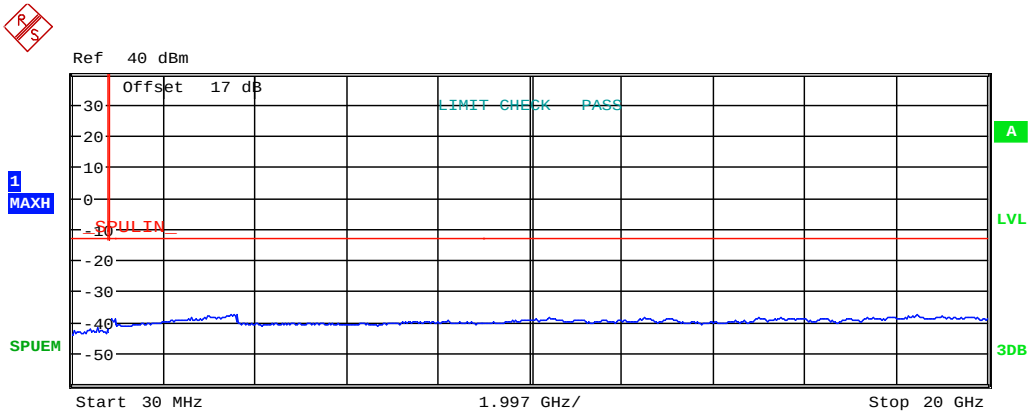
7.1 Test procedure

This transmitter output was connected to a calibrated coaxial attenuator, the other end of which was connected to a spectrum analyzer via a three-port splitter. Please refer to the following figure. Transmitter output was derived with the spectrum analyzer in dBm.
The Spurious Emissions at Antenna Terminals was measured by the spectrum analyzer with a suitable notch filter and/or Band-pass filter.
Tests were performed with an unmodulated carrier at three frequencies (low, middle and high channels) and on all power levels , which can be set-up on the transmitters.



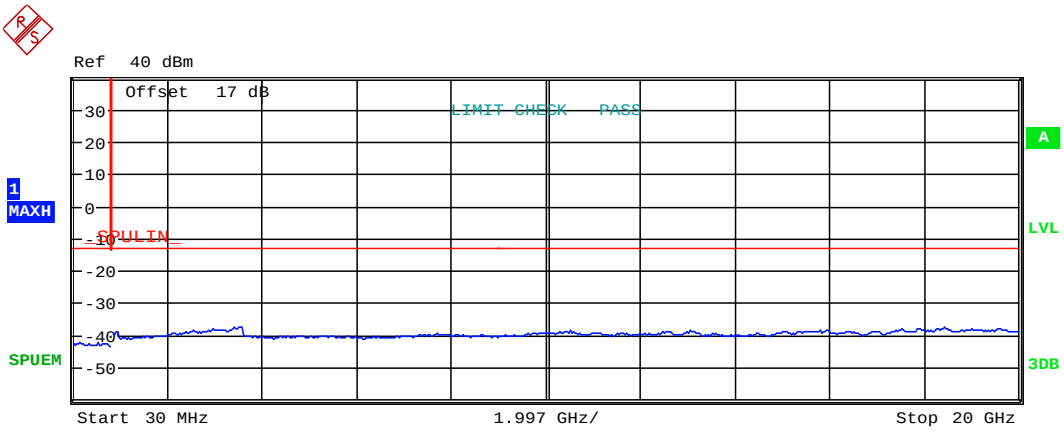
7.2 Test Results

GSM
Band 850 MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	570.176000 M	-41.72	-28.72
859.000 M	1.000 G	100.00 k	870.985000 M	-39.30	-26.30
1.000 G	9.000 G	1.00 M	3.488000 G	-37.77	-24.77
9.000 G	20.000 G	1.00 M	18.438000 G	-37.71	-24.71

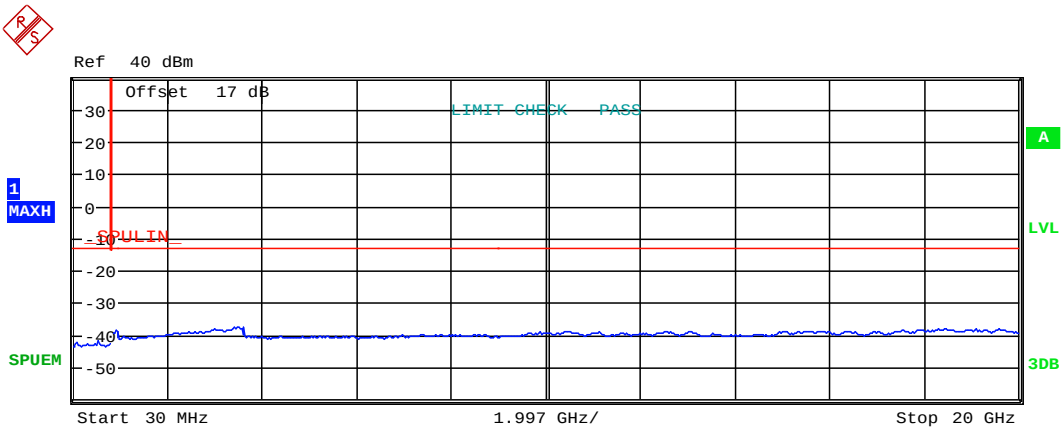
CONDUCTED SPURIOUS EMISSION GSM850 CH128
Date: 6.MAY.2019 15:39:56



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	153.872000 M	-42.39	-29.39
859.000 M	1.000 G	100.00 k	931.474000 M	-39.04	-26.04
1.000 G	9.000 G	1.00 M	3.504000 G	-37.69	-24.69
9.000 G	20.000 G	1.00 M	18.416000 G	-37.80	-24.80

CONDUCTED SPURIOUS EMISSION GSM850 CH188

Date: 6.MAY.2019 15:39:36

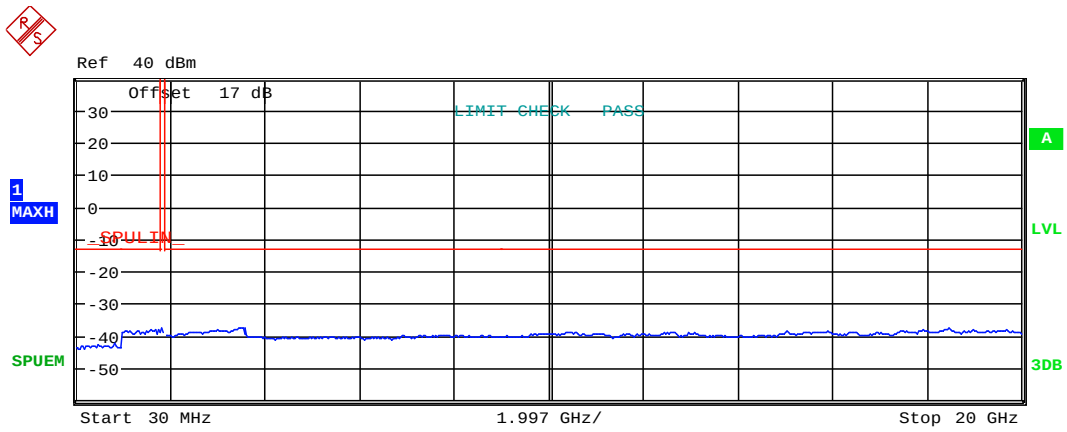


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	814.000 M	100.00 k	540.384000 M	-42.10	-29.10
859.000 M	1.000 G	100.00 k	912.580000 M	-38.78	-25.78
1.000 G	9.000 G	1.00 M	3.464000 G	-37.71	-24.71
9.000 G	20.000 G	1.00 M	18.405000 G	-38.05	-25.05

CONDUCTED SPURIOUS EMISSION GSM850 CH251

Date: 6.MAY.2019 15:40:14

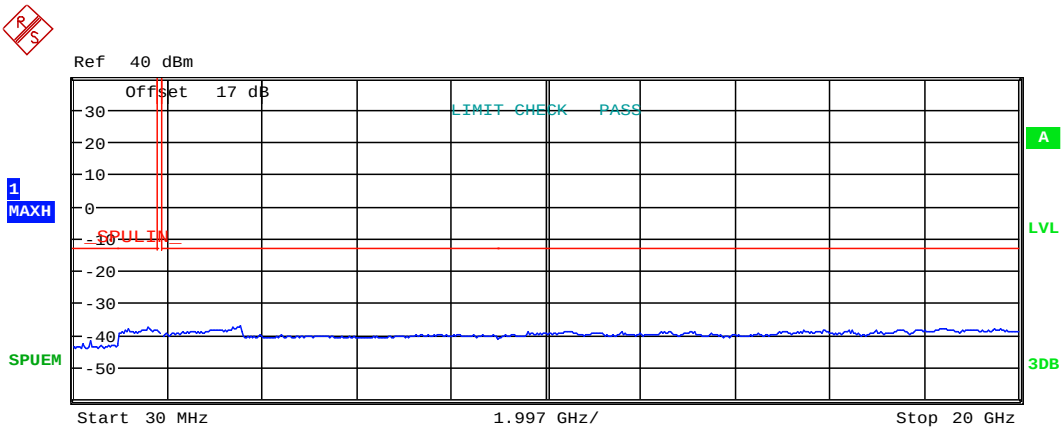
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band 1900 MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	828.310000 M	-42.57	-29.57
1.000 G	1.840 G	1.00 M	1.834960 G	-37.86	-24.86
1.910 G	9.000 G	1.00 M	3.576150 G	-37.59	-24.59
9.000 G	20.000 G	1.00 M	18.438000 G	-37.83	-24.83

CONDUCTED SPURIOUS EMISSION GSM1900 CH512

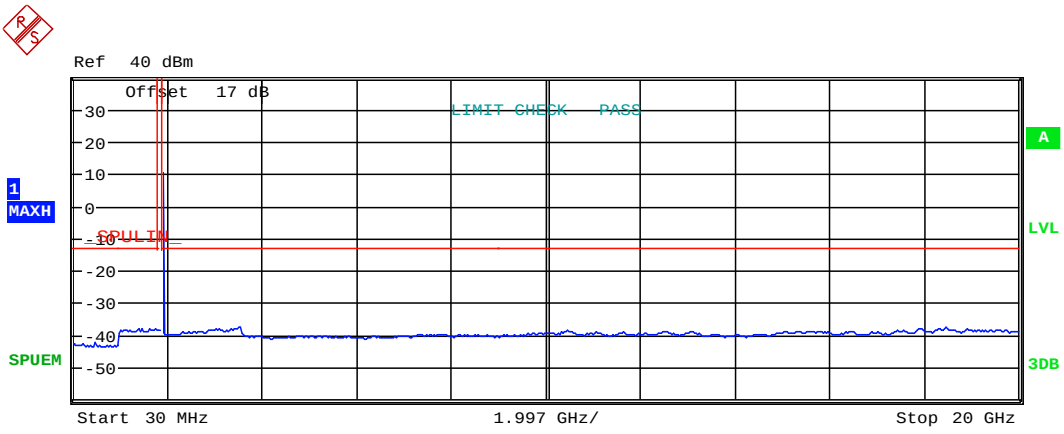
Date: 6.MAY.2019 15:42:18



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	383.080000 M	-42.04	-29.04
1.000 G	1.840 G	1.00 M	1.582120 G	-37.76	-24.76
1.910 G	9.000 G	1.00 M	3.533610 G	-37.32	-24.32
9.000 G	20.000 G	1.00 M	18.416000 G	-37.96	-24.96

CONDUCTED SPURIOUS EMISSION GSM1900 CH661

Date: 6.MAY.2019 15:42:36

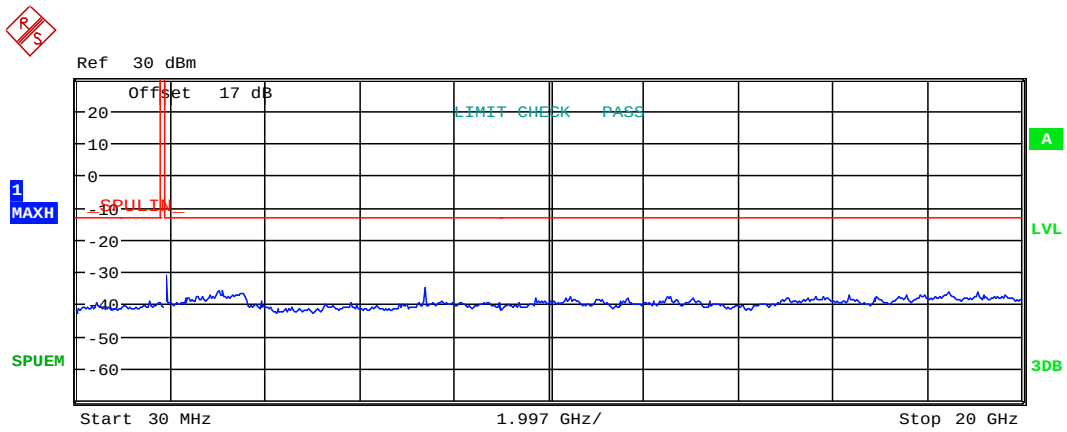


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	100.00 k	478.140000 M	-42.27	-29.27
1.000 G	1.840 G	1.00 M	1.419160 G	-38.20	-25.20
1.910 G	9.000 G	1.00 M	3.519430 G	-37.35	-24.35
9.000 G	20.000 G	1.00 M	18.438000 G	-37.67	-24.67

CONDUCTED SPURIOUS EMISSION GSM1900 CH810

Date: 6.MAY.2019 15:42:55

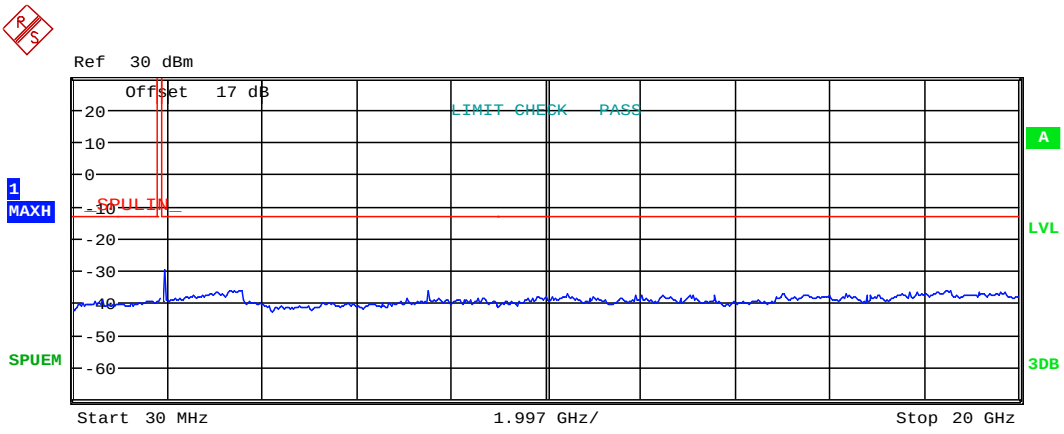
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Cat M1
Band II
QPSK
1MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	449.525000 M	-39.89	-26.89
1.000 G	1.840 G	1.00 M	1.563388 G	-39.32	-26.32
1.920 G	9.000 G	1.00 M	1.930620 G	-31.34	-18.34
9.000 G	20.000 G	1.00 M	19.063900 G	-36.45	-23.45

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 1.4MHZ CH18607

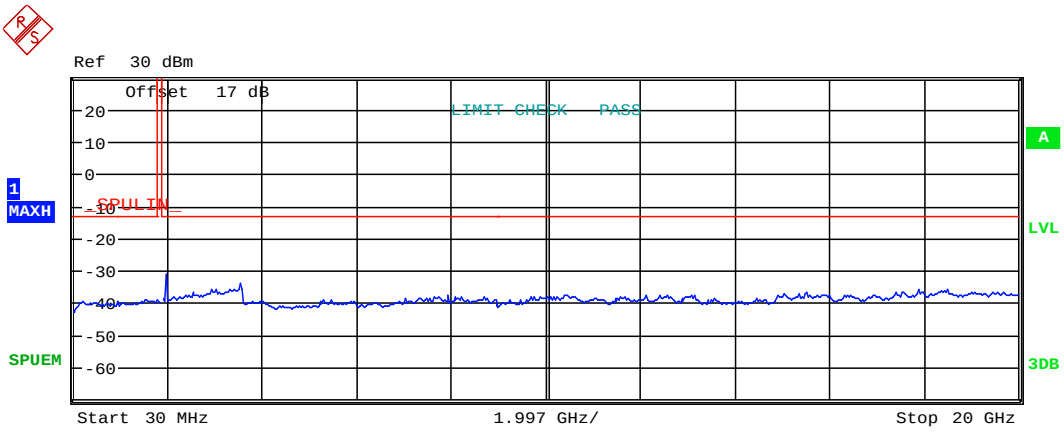
Date: 3.MAY.2019 11:25:51



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	631.788000 M	-39.25	-26.25
1.000 G	1.840 G	1.00 M	1.839664 G	-38.77	-25.77
1.920 G	9.000 G	1.00 M	1.959648 G	-29.93	-16.93
9.000 G	20.000 G	1.00 M	18.499600 G	-36.38	-23.38

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 1.4MHZ CH18900

Date: 3.MAY.2019 11:25:14

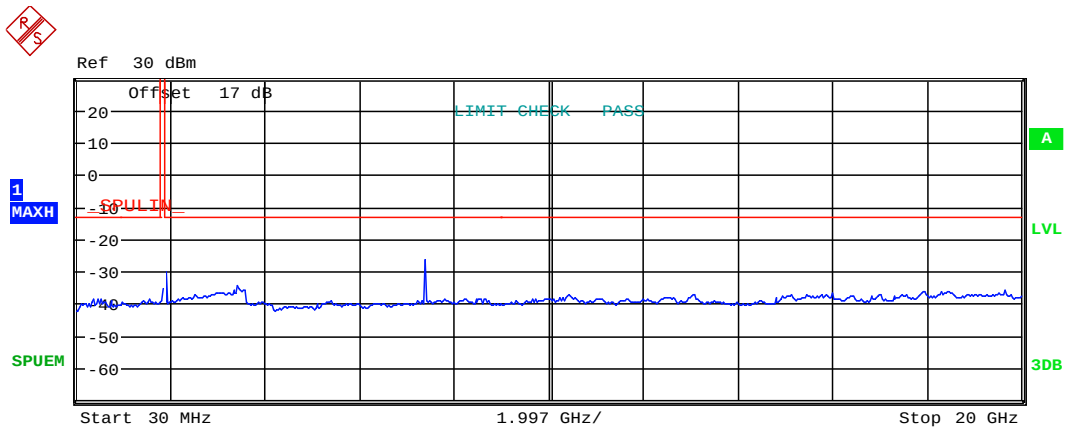


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	943.740000 M	-39.54	-26.54
1.000 G	1.840 G	1.00 M	1.525168 G	-39.14	-26.14
1.920 G	9.000 G	1.00 M	1.989384 G	-31.15	-18.15
9.000 G	20.000 G	1.00 M	18.496300 G	-35.85	-22.85

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 1.4MHZ CH19193

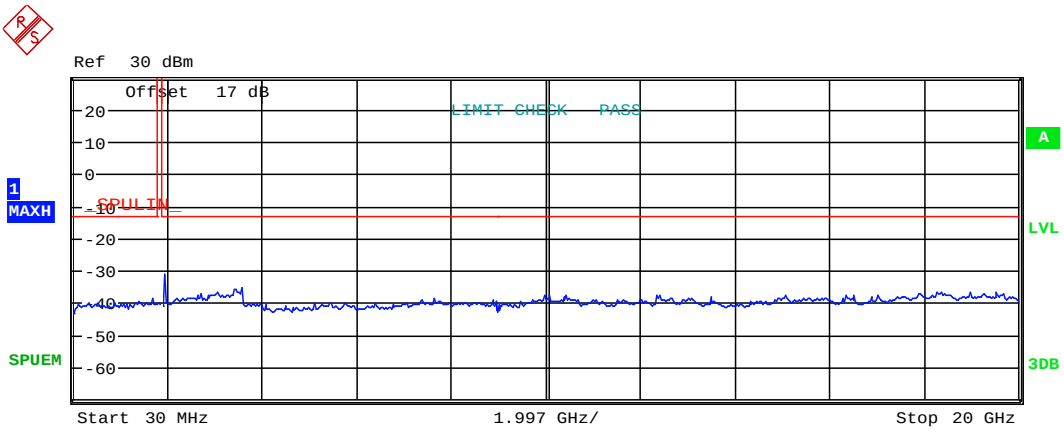
Date: 3.MAY.2019 11:19:59

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	377.842000 M	-38.79	-25.79
1.000 G	1.840 G	1.00 M	1.839580 G	-35.72	-22.72
1.920 G	9.000 G	1.00 M	7.402044 G	-26.43	-13.43
9.000 G	20.000 G	1.00 M	19.631500 G	-36.19	-23.19

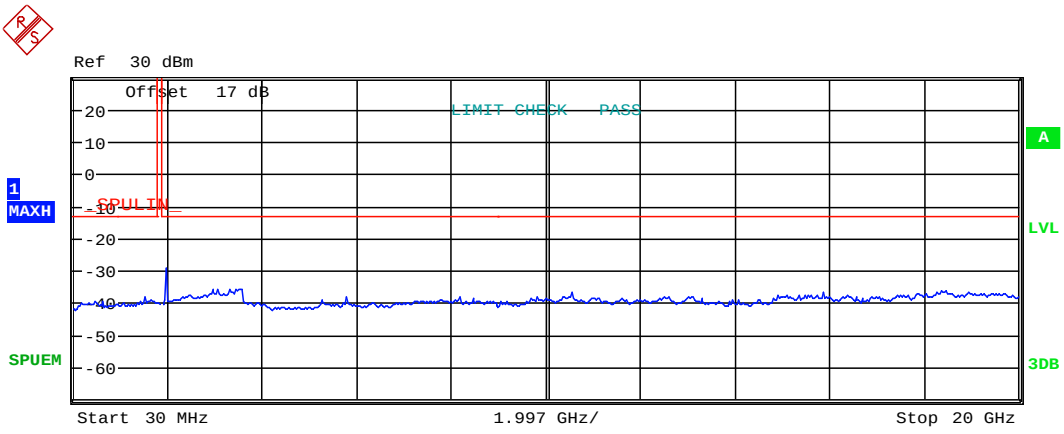
CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 3MHZ CH18615
Date: 3.MAY.2019 11:30:52



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	530.617000 M	-40.02	-27.02
1.000 G	1.840 G	1.00 M	1.690060 G	-38.96	-25.96
1.920 G	9.000 G	1.00 M	1.958940 G	-31.43	-18.43
9.000 G	20.000 G	1.00 M	18.277400 G	-36.92	-23.92

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 3MHZ CH18900

Date: 3.MAY.2019 11:31:49

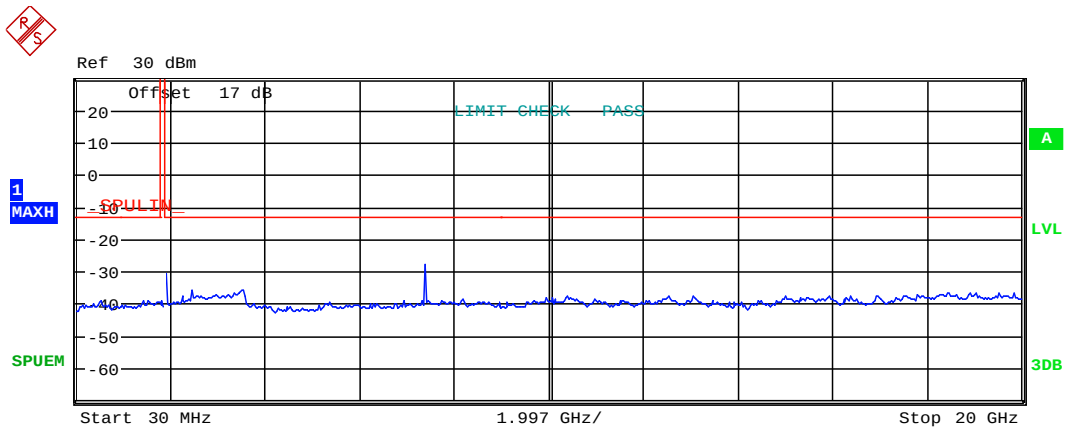


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	490.750000 M	-39.89	-26.89
1.000 G	1.840 G	1.00 M	1.525756 G	-38.37	-25.37
1.920 G	9.000 G	1.00 M	1.987968 G	-29.58	-16.58
9.000 G	20.000 G	1.00 M	18.363200 G	-36.26	-23.26

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 3MHZ CH19185

Date: 3.MAY.2019 11:36:10

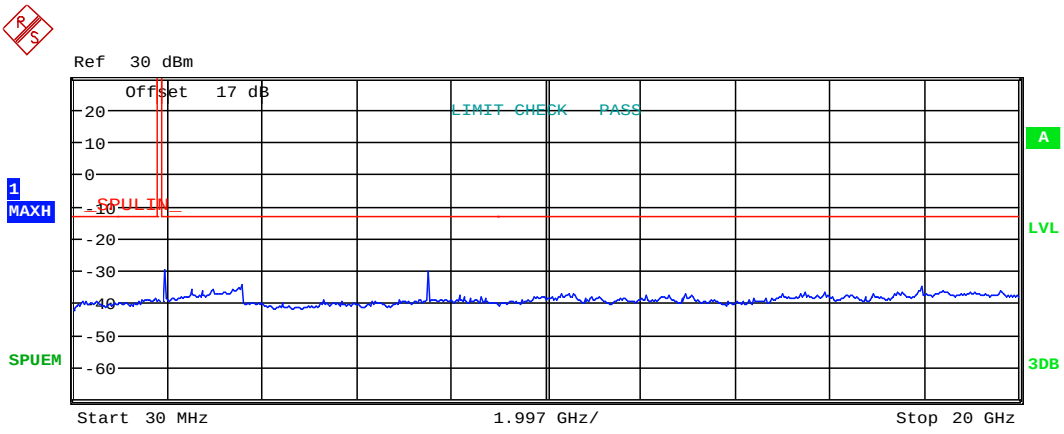
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	529.744000 M	-39.37	-26.37
1.000 G	1.840 G	1.00 M	1.833196 G	-39.22	-26.22
1.920 G	9.000 G	1.00 M	7.402044 G	-28.22	-15.22
9.000 G	20.000 G	1.00 M	18.895600 G	-36.82	-23.82

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 5MHZ CH18625

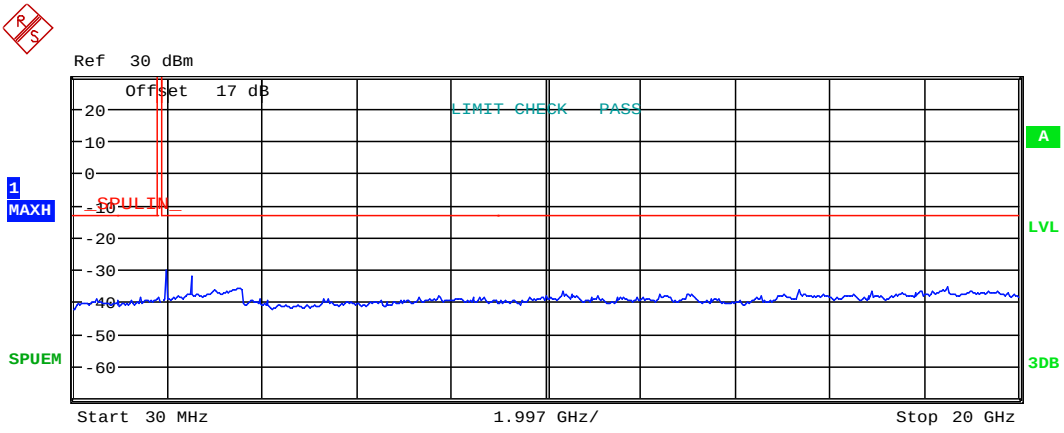
Date: 3.MAY.2019 11:37:18



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	226.134000 M	-39.51	-26.51
1.000 G	1.840 G	1.00 M	1.770364 G	-38.88	-25.88
1.920 G	9.000 G	1.00 M	1.959648 G	-29.81	-16.81
9.000 G	20.000 G	1.00 M	17.961700 G	-35.09	-22.09

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 5MHZ CH18900

Date: 3.MAY.2019 11:41:37

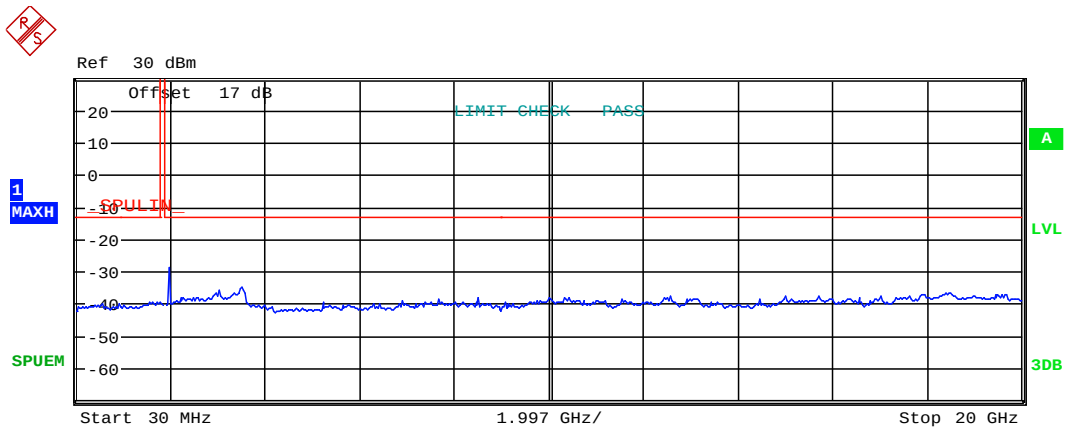


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	496.182000 M	-39.29	-26.29
1.000 G	1.840 G	1.00 M	1.450072 G	-38.76	-25.76
1.920 G	9.000 G	1.00 M	1.988676 G	-30.19	-17.19
9.000 G	20.000 G	1.00 M	18.506200 G	-35.70	-22.70

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 5MHZ CH19175

Date: 3.MAY.2019 11:42:53

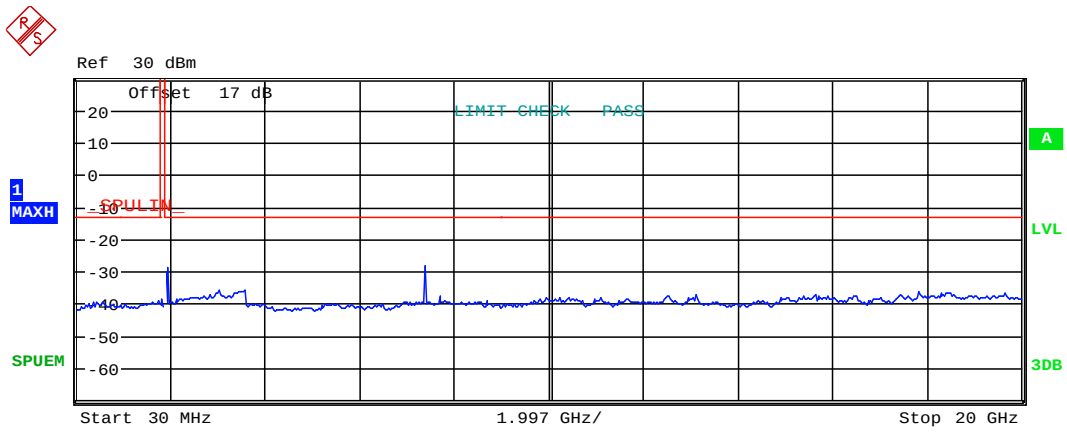
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	563.985000 M	-40.21	-27.21
1.000 G	1.840 G	1.00 M	1.722652 G	-39.57	-26.57
1.920 G	9.000 G	1.00 M	1.983720 G	-28.79	-15.79
9.000 G	20.000 G	1.00 M	18.453400 G	-36.88	-23.88

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 10MHZ CH19150
Date: 3.MAY.2019 13:07:56

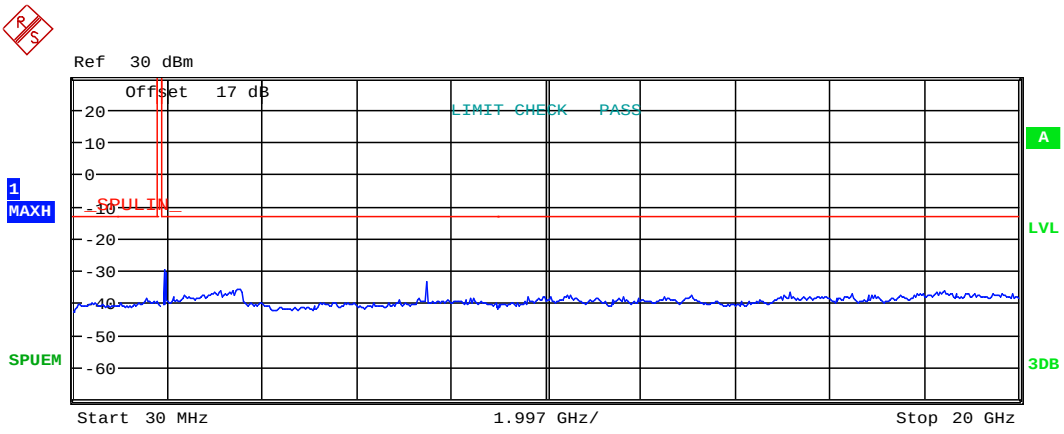
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	442.347000 M	-39.51	-26.51
1.000 G	1.840 G	1.00 M	1.831348 G	-38.69	-25.69
1.920 G	9.000 G	1.00 M	7.404168 G	-28.26	-15.26
9.000 G	20.000 G	1.00 M	17.827500 G	-36.60	-23.60

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 15MHZ CH18675

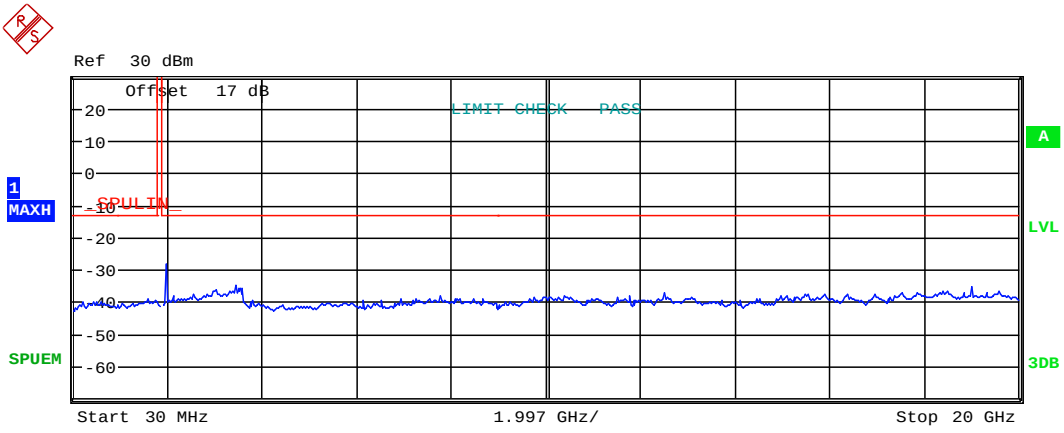
Date: 3.MAY.2019 13:12:42



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	474.939000 M	-39.98	-26.98
1.000 G	1.840 G	1.00 M	1.556836 G	-38.90	-25.90
1.920 G	9.000 G	1.00 M	1.963896 G	-29.67	-16.67
9.000 G	20.000 G	1.00 M	18.428100 G	-36.51	-23.51

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 15MHZ CH18900

Date: 3.MAY.2019 13:15:16

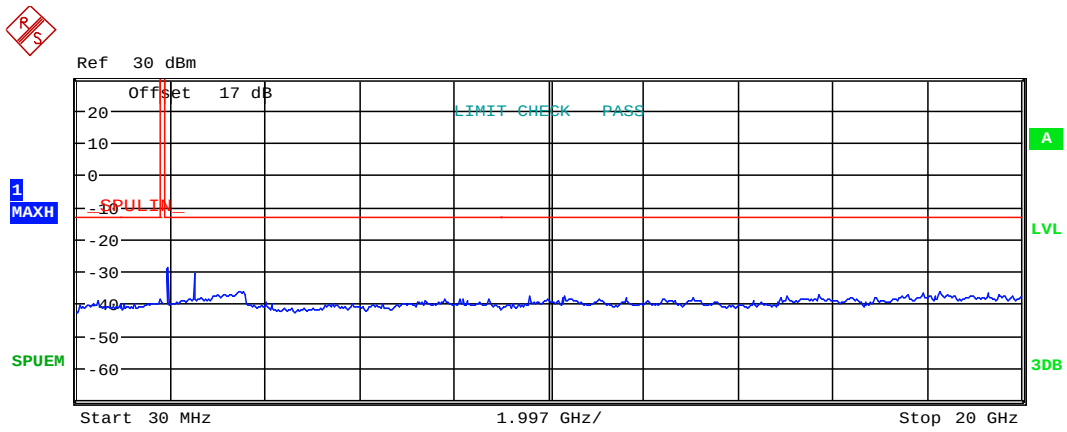


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	498.704000 M	-40.18	-27.18
1.000 G	1.840 G	1.00 M	1.598836 G	-39.30	-26.30
1.920 G	9.000 G	1.00 M	1.987260 G	-28.62	-15.62
9.000 G	20.000 G	1.00 M	19.004500 G	-35.63	-22.63

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 15MHZ CH19125

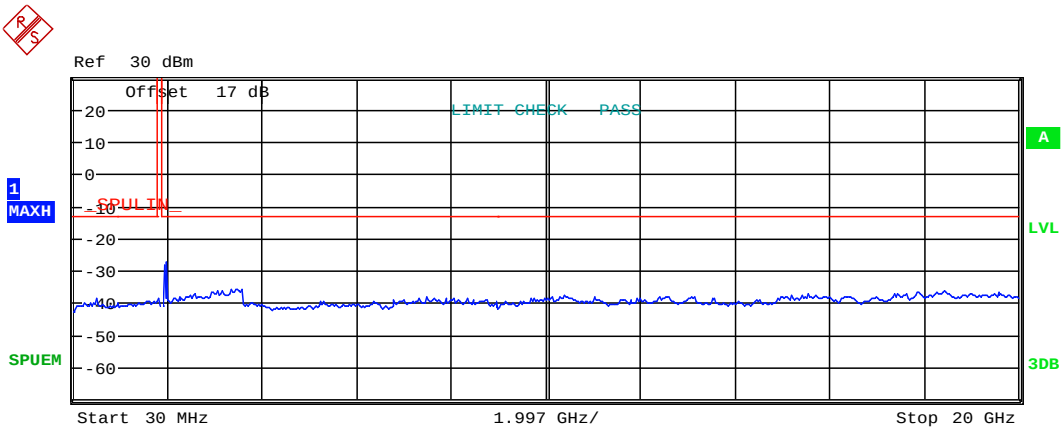
Date: 3.MAY.2019 13:15:54

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	488.907000 M	-39.41	-26.41
1.000 G	1.840 G	1.00 M	1.793884 G	-38.86	-25.86
1.920 G	9.000 G	1.00 M	1.946196 G	-28.98	-15.98
9.000 G	20.000 G	1.00 M	18.263100 G	-36.28	-23.28

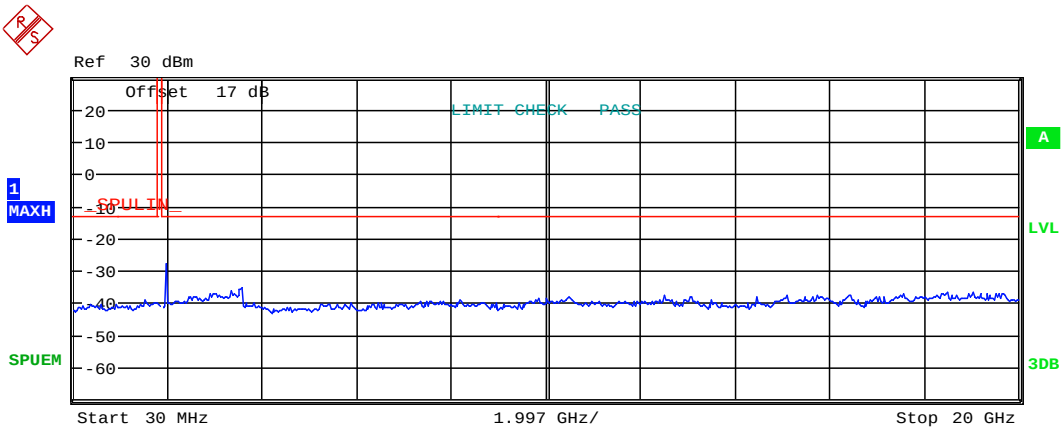
CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 20MHZ CH18700
Date: 3.MAY.2019 13:18:49



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	522.178000 M	-38.86	-25.86
1.000 G	1.840 G	1.00 M	1.821604 G	-38.60	-25.60
1.920 G	9.000 G	1.00 M	1.967436 G	-27.63	-14.63
9.000 G	20.000 G	1.00 M	18.443500 G	-36.46	-23.46

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 20MHZ CH18900

Date: 3.MAY.2019 13:19:36

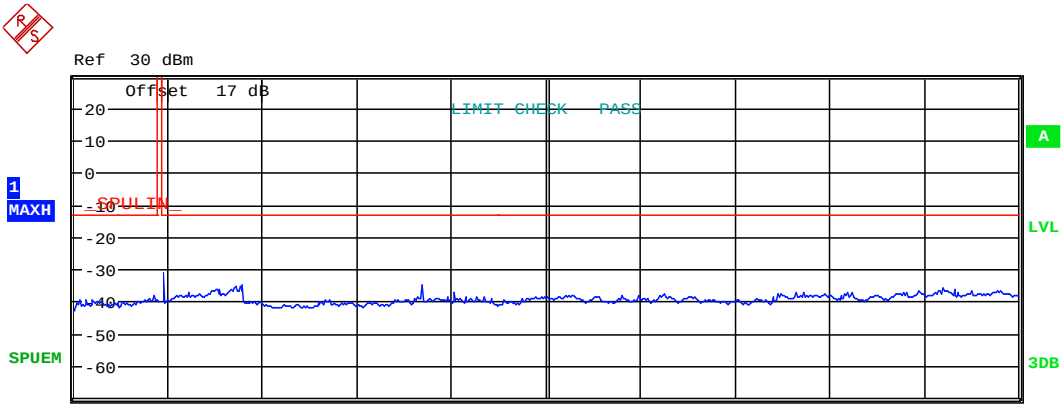


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	926.959000 M	-40.65	-27.65
1.000 G	1.840 G	1.00 M	1.529956 G	-39.22	-26.22
1.920 G	9.000 G	1.00 M	1.978056 G	-27.80	-14.80
9.000 G	20.000 G	1.00 M	19.048500 G	-36.97	-23.97

CONDUCTED SPURIOUS EMISSION BAND2 QPSK 1RB 20MHZ CH19100

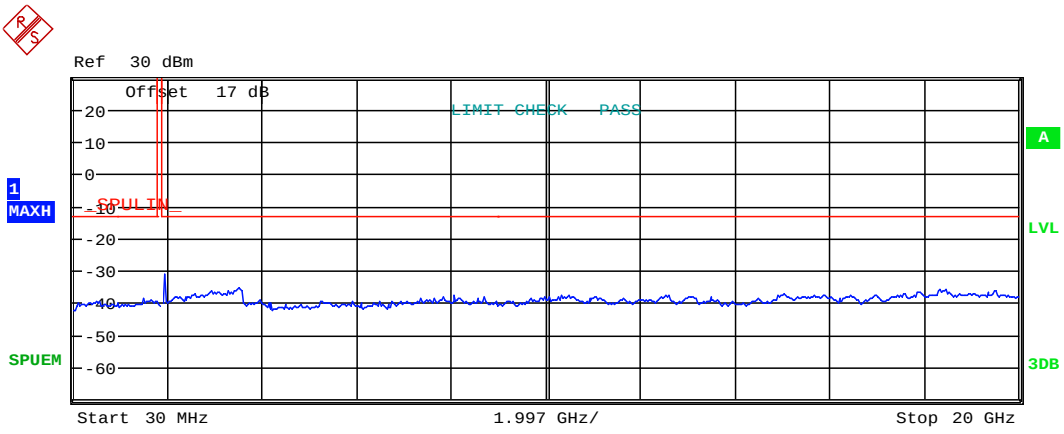
Date: 3.MAY.2019 13:21:40

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
16QAM
1.4MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	160.271000 M	-39.60	-26.60
1.000 G	1.840 G	1.00 M	1.710808 G	-38.47	-25.47
1.920 G	9.000 G	1.00 M	1.930620 G	-31.14	-18.14
9.000 G	20.000 G	1.00 M	18.411600 G	-36.19	-23.19

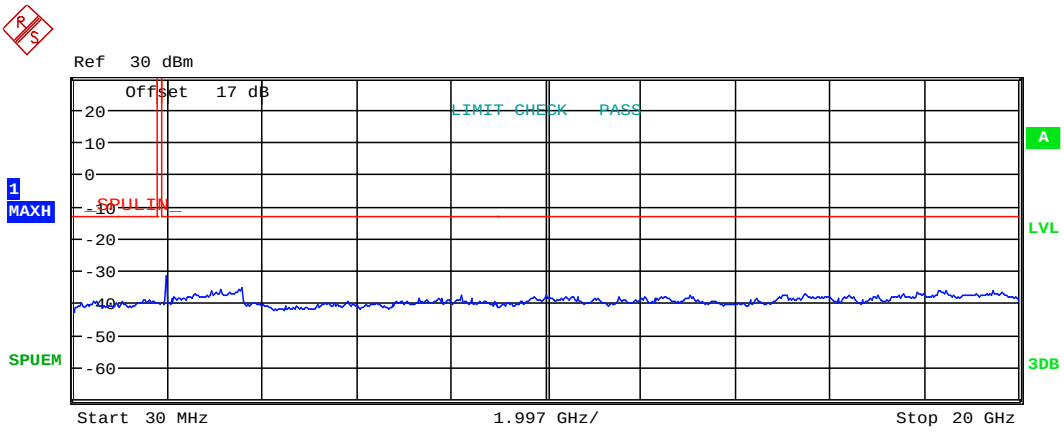
CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 1.4MHZ CH18607
Date: 3.MAY.2019 11:27:12



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	572.327000 M	-39.88	-26.88
1.000 G	1.840 G	1.00 M	1.489888 G	-38.97	-25.97
1.920 G	9.000 G	1.00 M	1.959648 G	-31.38	-18.38
9.000 G	20.000 G	1.00 M	18.453400 G	-35.95	-22.95

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 1.4MHZ CH18900

Date: 3.MAY.2019 11:24:05

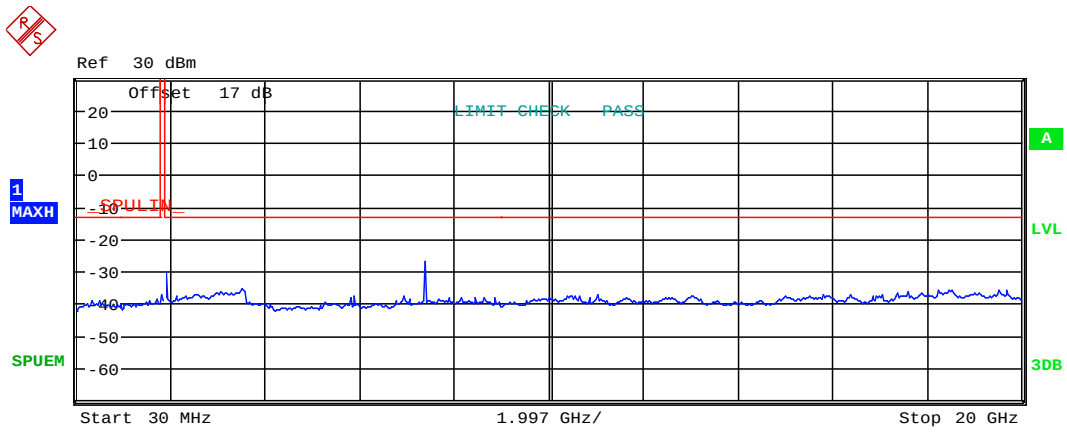


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	508.307000 M	-39.64	-26.64
1.000 G	1.840 G	1.00 M	1.625548 G	-39.01	-26.01
1.920 G	9.000 G	1.00 M	1.989384 G	-31.62	-18.62
9.000 G	20.000 G	1.00 M	18.460000 G	-36.36	-23.36

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 1.4MHZ CH19193

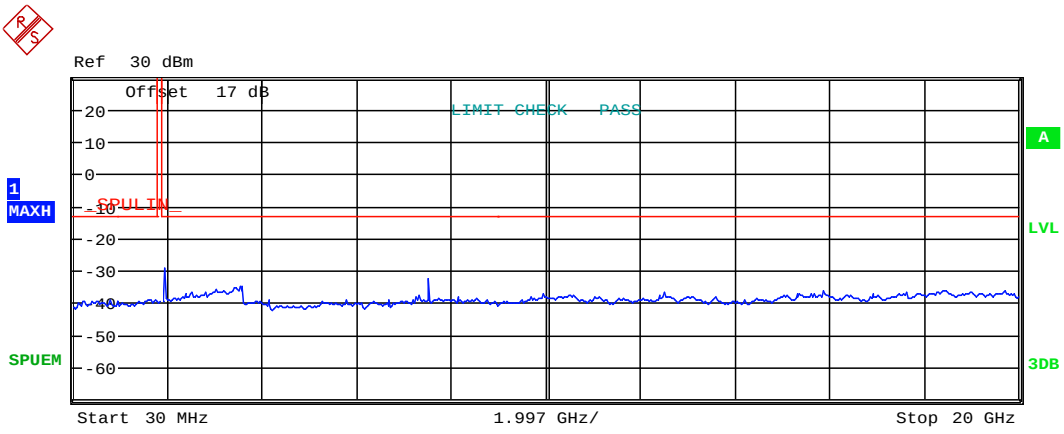
Date: 3.MAY.2019 11:20:54

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	347.869000 M	-39.38	-26.38
1.000 G	1.840 G	1.00 M	1.833532 G	-37.33	-24.33
1.920 G	9.000 G	1.00 M	7.402044 G	-26.83	-13.83
9.000 G	20.000 G	1.00 M	18.475400 G	-36.01	-23.01

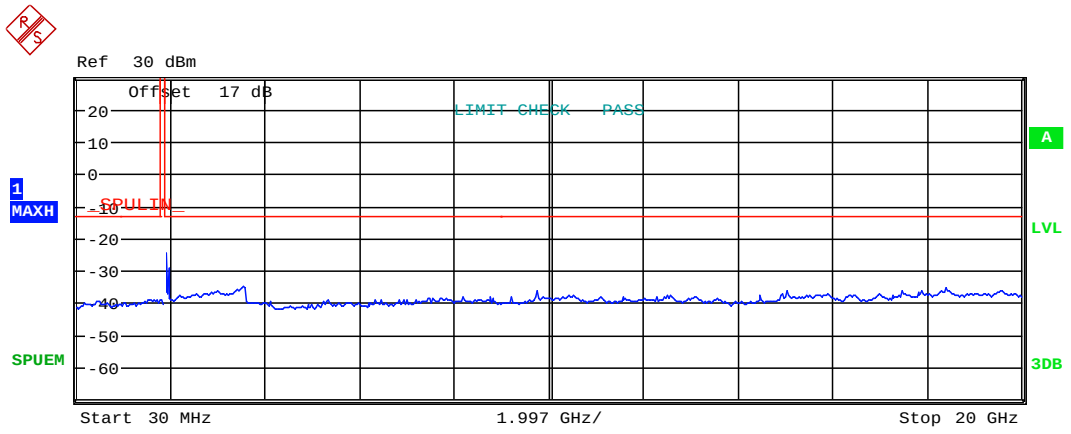
CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 3MHZ CH18615
Date: 3.MAY.2019 11:29:24



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	803.672000 M	-39.38	-26.38
1.000 G	1.840 G	1.00 M	1.758352 G	-39.38	-26.38
1.920 G	9.000 G	1.00 M	1.958940 G	-29.23	-16.23
9.000 G	20.000 G	1.00 M	15.862900 G	-36.31	-23.31

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 3MHZ CH18900

Date: 3.MAY.2019 11:33:30

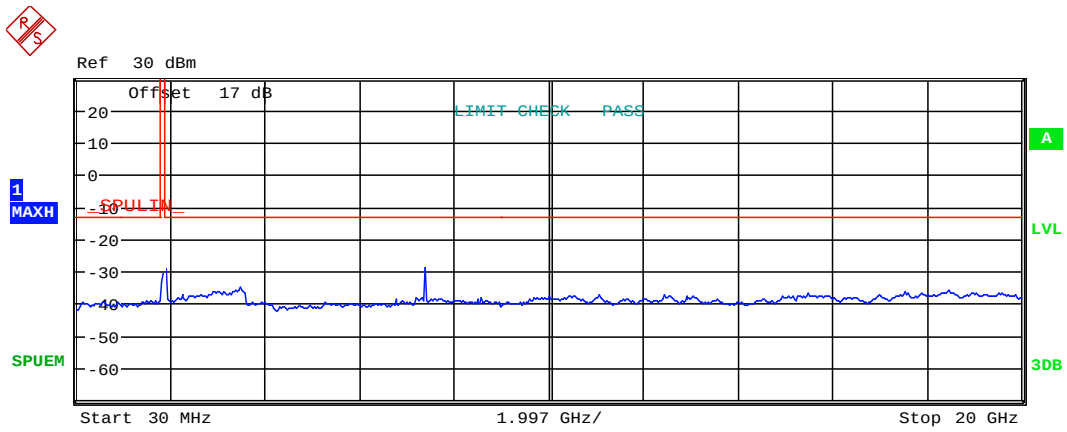


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	460.777000 M	-39.63	-26.63
1.000 G	1.840 G	1.00 M	1.585900 G	-39.04	-26.04
1.920 G	9.000 G	1.00 M	1.920708 G	-24.77	-11.77
9.000 G	20.000 G	1.00 M	18.406100 G	-35.65	-22.65

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 3MHZ CH19185

Date: 3.MAY.2019 11:35:05

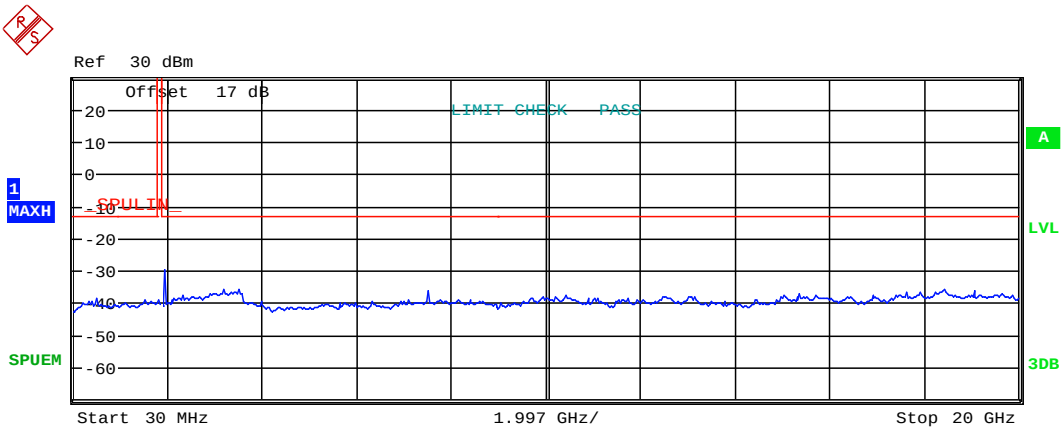
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	594.540000 M	-39.62	-26.62
1.000 G	1.840 G	1.00 M	1.839664 G	-30.58	-17.58
1.920 G	9.000 G	1.00 M	7.401336 G	-28.94	-15.94
9.000 G	20.000 G	1.00 M	18.460000 G	-36.10	-23.10

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 5MHZ CH18625

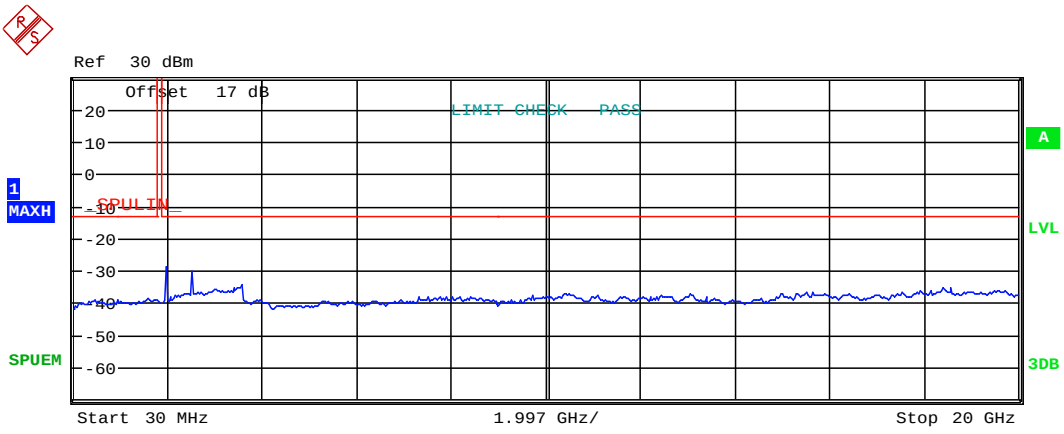
Date: 3.MAY.2019 11:39:19



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	504.136000 M	-38.93	-25.93
1.000 G	1.840 G	1.00 M	1.526932 G	-39.25	-26.25
1.920 G	9.000 G	1.00 M	1.958232 G	-29.89	-16.89
9.000 G	20.000 G	1.00 M	18.432500 G	-35.96	-22.96

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 5MHZ CH18900

Date: 3.MAY.2019 11:40:04

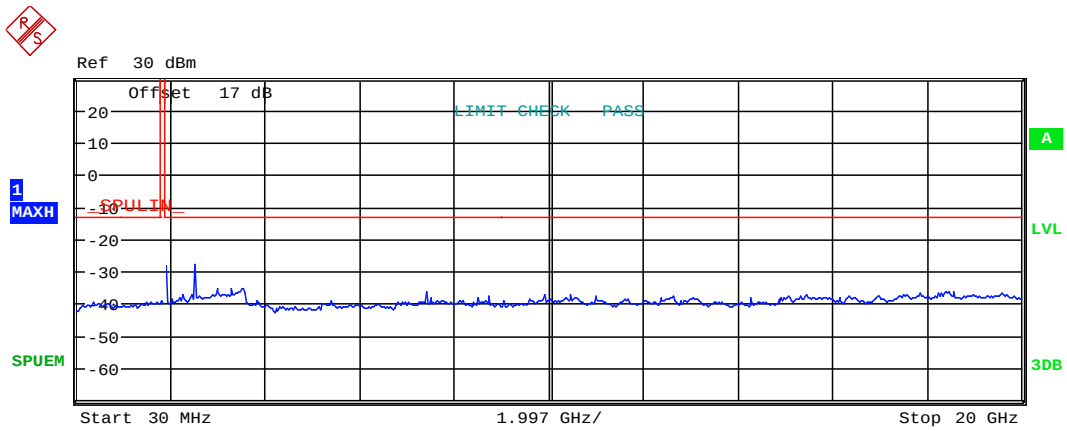


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	467.373000 M	-39.10	-26.10
1.000 G	1.840 G	1.00 M	1.585732 G	-38.80	-25.80
1.920 G	9.000 G	1.00 M	1.987968 G	-28.80	-15.80
9.000 G	20.000 G	1.00 M	18.411600 G	-35.56	-22.56

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 5MHZ CH19175

Date: 3.MAY.2019 11:46:16

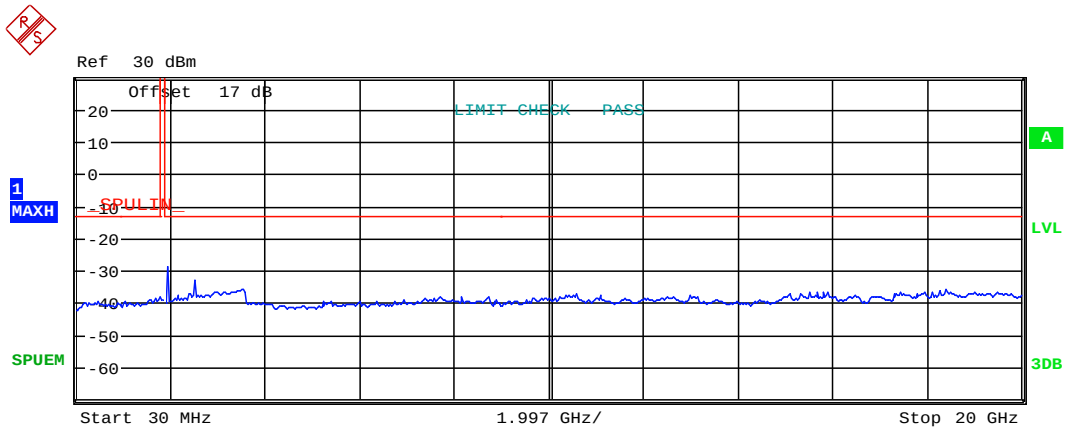
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	378.036000 M	-39.77	-26.77
1.000 G	1.840 G	1.00 M	1.812028 G	-39.46	-26.46
1.920 G	9.000 G	1.00 M	2.521800 G	-28.02	-15.02
9.000 G	20.000 G	1.00 M	18.411600 G	-36.27	-23.27

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 10MHZ CH18650

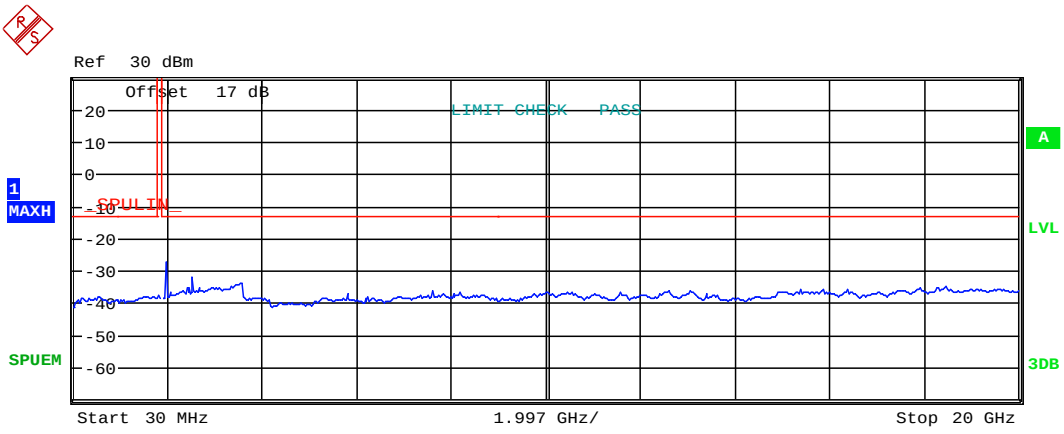
Date: 3.MAY.2019 11:58:03



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	481.632000 M	-39.65	-26.65
1.000 G	1.840 G	1.00 M	1.794640 G	-38.53	-25.53
1.920 G	9.000 G	1.00 M	1.956108 G	-28.92	-15.92
9.000 G	20.000 G	1.00 M	18.398400 G	-36.08	-23.08

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 10MHZ CH18900

Date: 3.MAY.2019 12:03:45

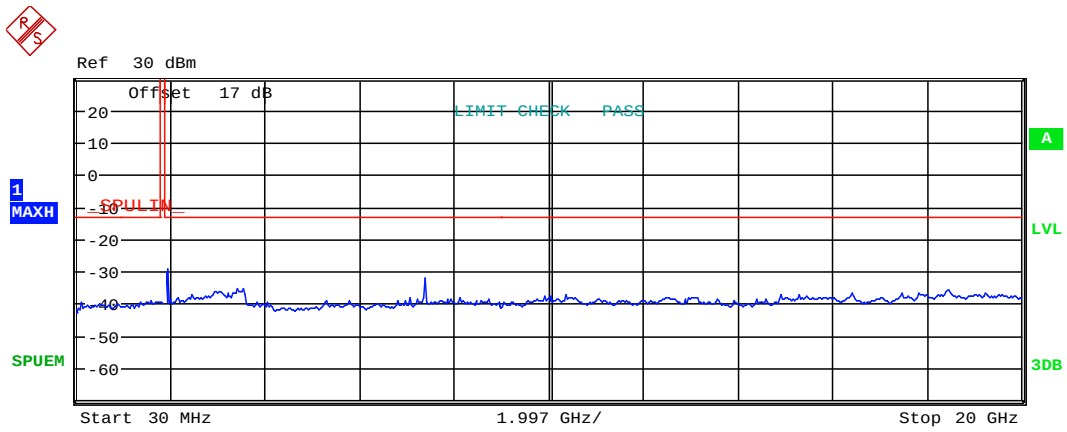


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	582.609000 M	-38.09	-25.09
1.000 G	1.840 G	1.00 M	1.829080 G	-37.85	-24.85
1.920 G	9.000 G	1.00 M	1.987968 G	-27.52	-14.52
9.000 G	20.000 G	1.00 M	18.468800 G	-35.23	-22.23

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 10MHZ CH19150

Date: 3.MAY.2019 13:07:19

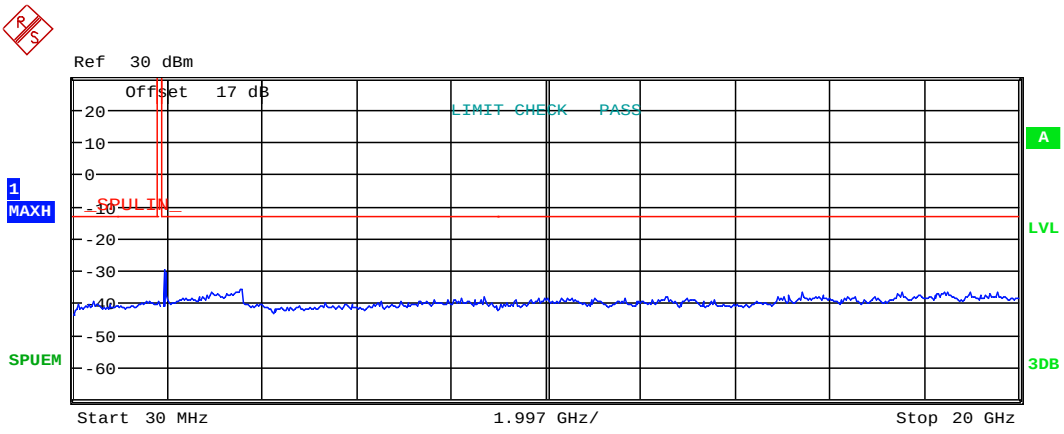
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	126.709000 M	-39.56	-26.56
1.000 G	1.840 G	1.00 M	1.599508 G	-39.21	-26.21
1.920 G	9.000 G	1.00 M	1.941240 G	-29.49	-16.49
9.000 G	20.000 G	1.00 M	18.453400 G	-35.98	-22.98

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 15MHZ CH18675

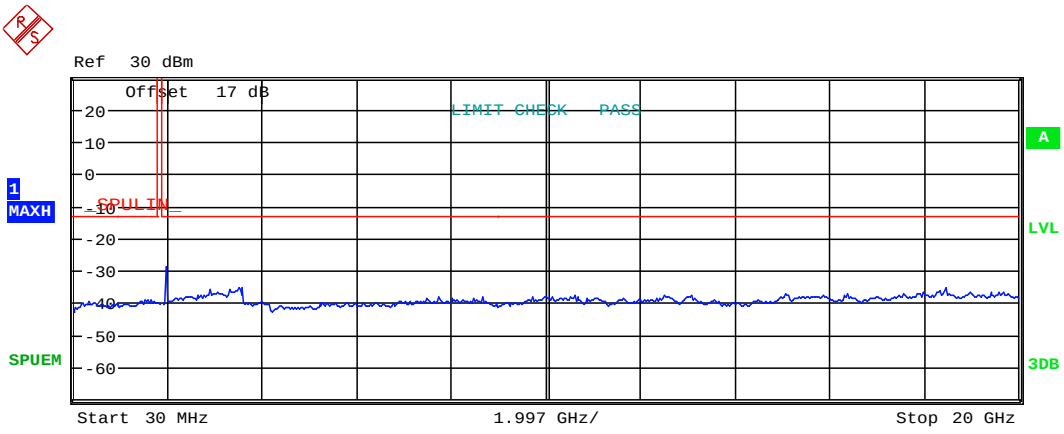
Date: 3.MAY.2019 13:13:42



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	443.802000 M	-39.83	-26.83
1.000 G	1.840 G	1.00 M	1.637560 G	-39.49	-26.49
1.920 G	9.000 G	1.00 M	1.957524 G	-29.69	-16.69
9.000 G	20.000 G	1.00 M	19.540200 G	-36.69	-23.69

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 15MHZ CH18900

Date: 3.MAY.2019 13:14:26

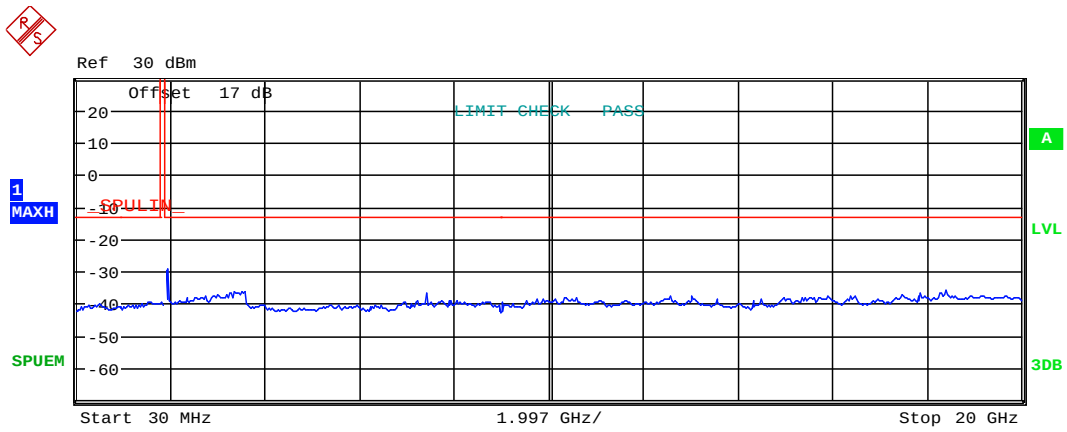


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	349.033000 M	-39.52	-26.52
1.000 G	1.840 G	1.00 M	1.657048 G	-39.10	-26.10
1.920 G	9.000 G	1.00 M	1.984428 G	-28.86	-15.86
9.000 G	20.000 G	1.00 M	18.454500 G	-35.32	-22.32

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 15MHZ CH19125

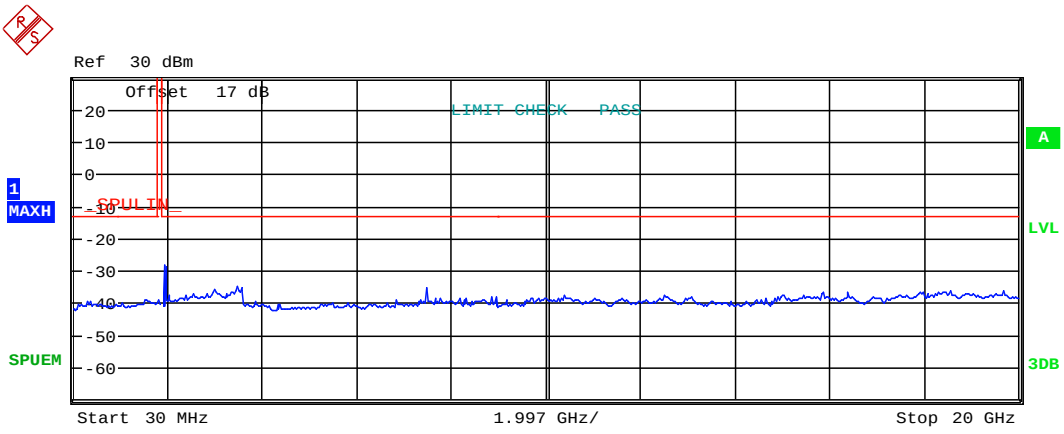
Date: 3.MAY.2019 13:16:53

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	518.395000 M	-40.13	-27.13
1.000 G	1.840 G	1.00 M	1.549864 G	-39.51	-26.51
1.920 G	9.000 G	1.00 M	1.944780 G	-29.23	-16.23
9.000 G	20.000 G	1.00 M	18.388500 G	-36.13	-23.13

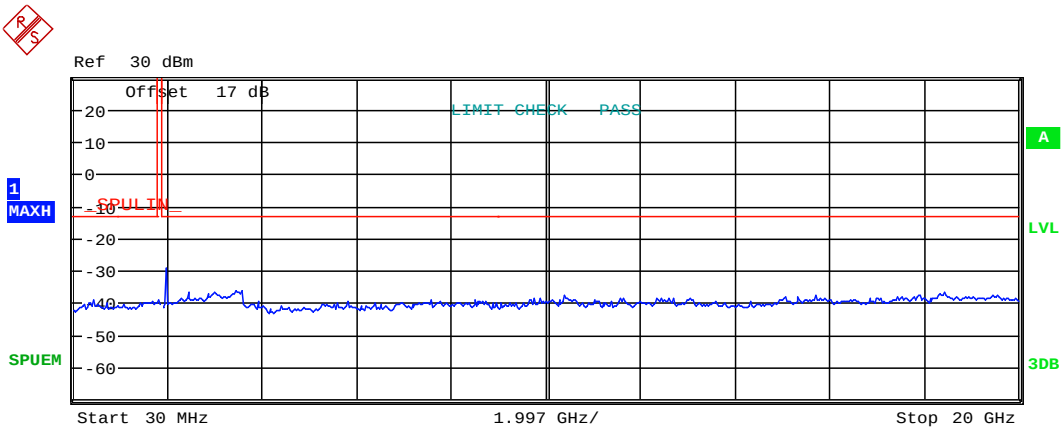
CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 20MHZ CH18700
Date: 3.MAY.2019 13:18:07



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	392.004000 M	-39.86	-26.86
1.000 G	1.840 G	1.00 M	1.575904 G	-39.17	-26.17
1.920 G	9.000 G	1.00 M	1.952568 G	-28.27	-15.27
9.000 G	20.000 G	1.00 M	19.674400 G	-36.30	-23.30

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 20MHZ CH18900

Date: 3.MAY.2019 13:20:18

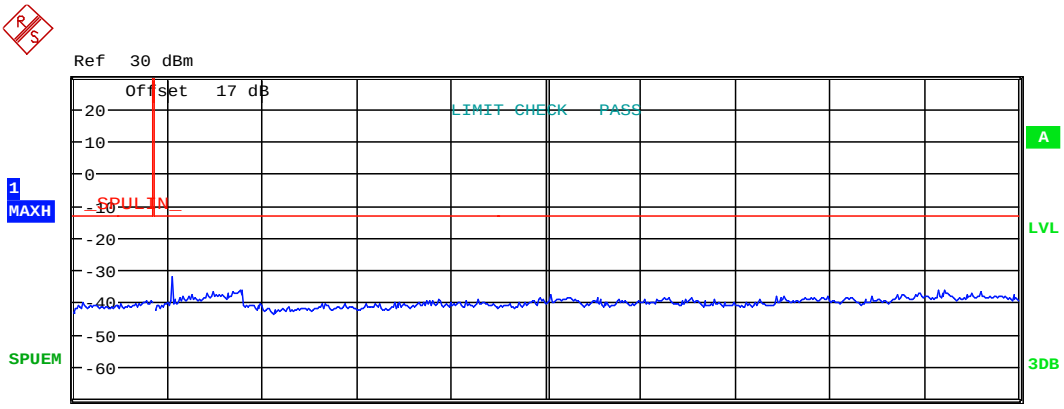


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	435.266000 M	-39.28	-26.28
1.000 G	1.840 G	1.00 M	1.833784 G	-39.37	-26.37
1.920 G	9.000 G	1.00 M	1.986552 G	-29.51	-16.51
9.000 G	20.000 G	1.00 M	18.421500 G	-36.86	-23.86

CONDUCTED SPURIOUS EMISSION BAND2 16QAM 1RB 20MHZ CH19100

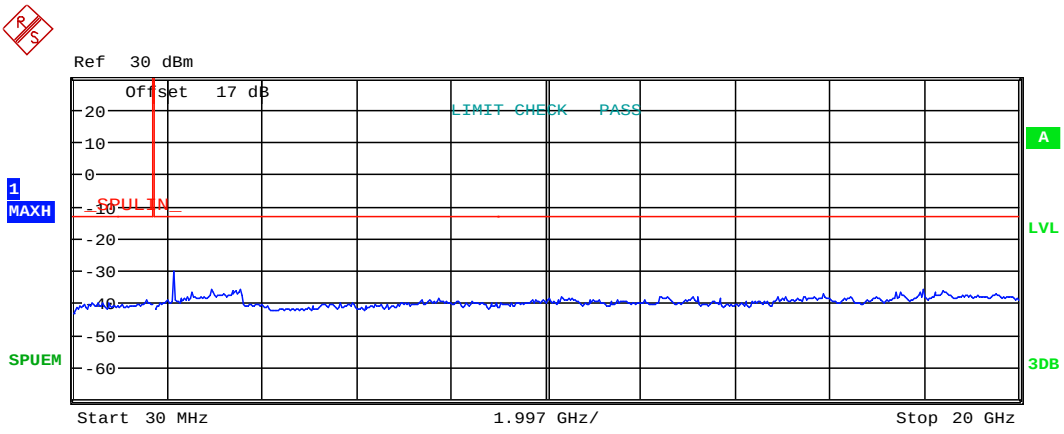
Date: 3.MAY.2019 13:21:04

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band IV
QPSK
1.4MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	213.621000 M	-40.18	-27.18
1.000 G	1.700 G	1.00 M	1.647430 G	-39.72	-26.72
1.765 G	9.000 G	1.00 M	2.110110 G	-32.31	-19.31
9.000 G	20.000 G	1.00 M	18.439100 G	-36.21	-23.21

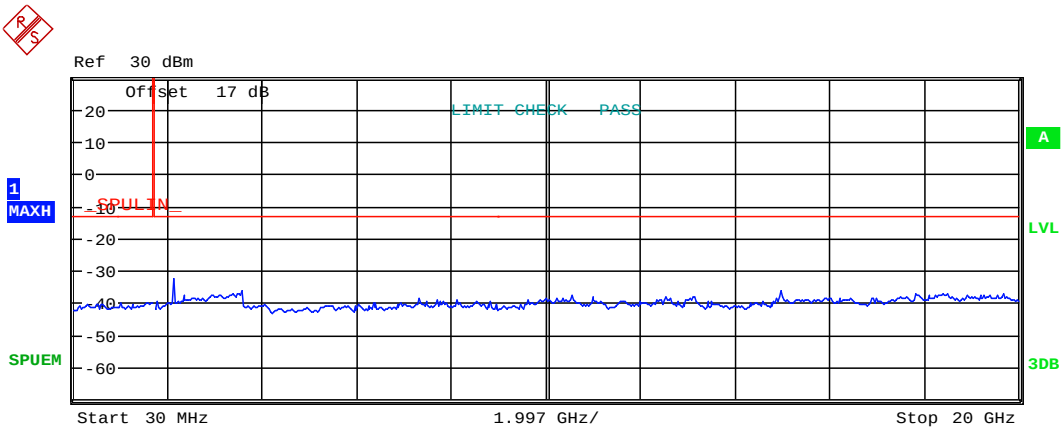
CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 1.4MHZ CH19957
Date: 3.MAY.2019 13:33:16



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	626.162000 M	-40.04	-27.04
1.000 G	1.700 G	1.00 M	1.573790 G	-39.04	-26.04
1.765 G	9.000 G	1.00 M	2.132538 G	-30.56	-17.56
9.000 G	20.000 G	1.00 M	17.980400 G	-36.13	-23.13

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 1.4MHZ CH20175

Date: 3.MAY.2019 13:38:40

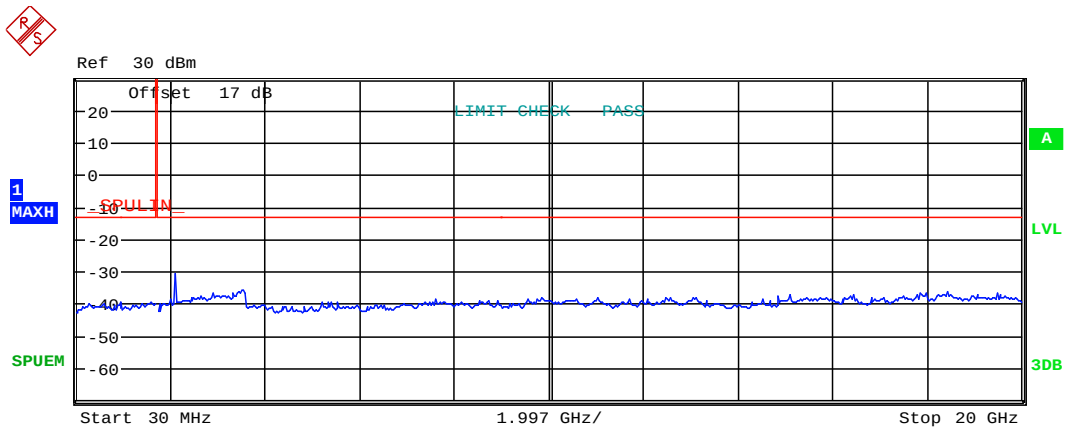


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	321.970000 M	-40.68	-27.68
1.000 G	1.700 G	1.00 M	1.589120 G	-39.97	-26.97
1.765 G	9.000 G	1.00 M	2.153519 G	-32.52	-19.52
9.000 G	20.000 G	1.00 M	14.964200 G	-36.51	-23.51

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 1.4MHZ CH20393

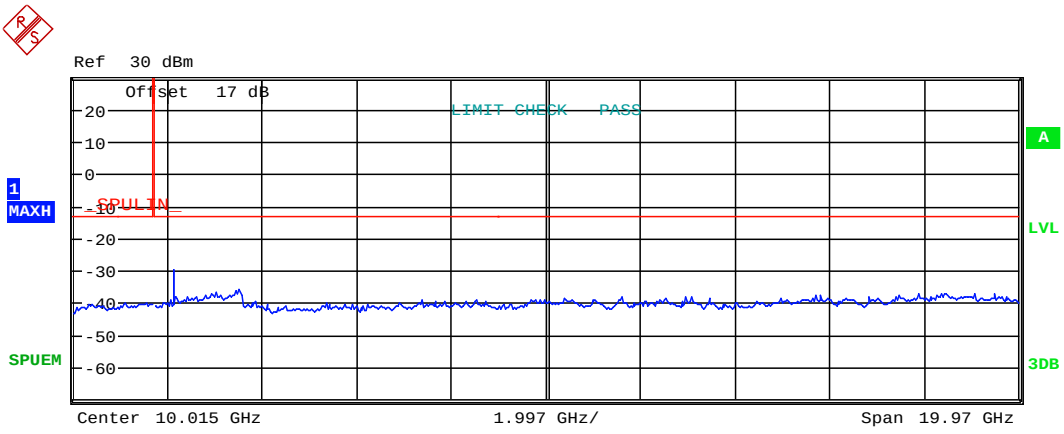
Date: 3.MAY.2019 13:39:26

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	960.521000 M	-39.59	-26.59
1.000 G	1.700 G	1.00 M	1.608020 G	-39.71	-26.71
1.765 G	9.000 G	1.00 M	2.110110 G	-30.71	-17.71
9.000 G	20.000 G	1.00 M	18.430300 G	-36.62	-23.62

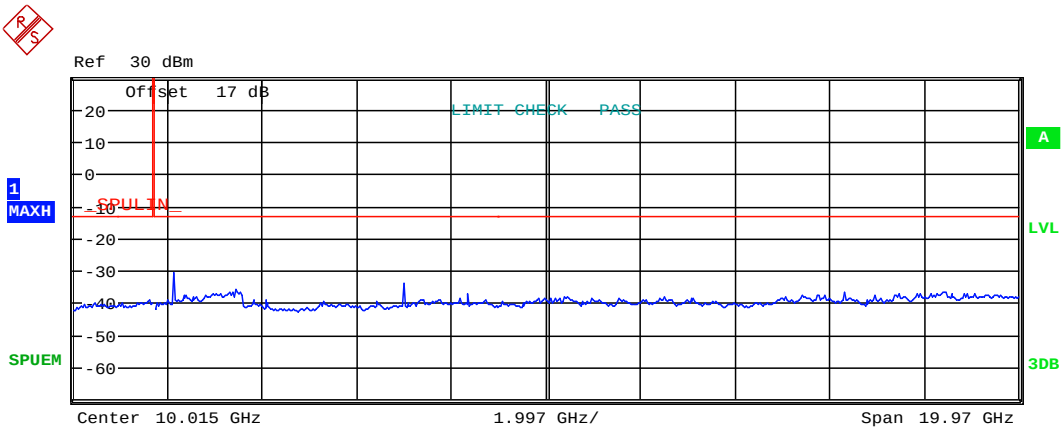
CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 3MHZ CH19965
Date: 3.MAY.2019 13:54:48



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	362.031000 M	-40.67	-27.67
1.000 G	1.700 G	1.00 M	1.578340 G	-40.05	-27.05
1.765 G	9.000 G	1.00 M	2.133262 G	-29.93	-16.93
9.000 G	20.000 G	1.00 M	17.874800 G	-37.16	-24.16

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 3MHZ CH20175

Date: 3.MAY.2019 14:19:36

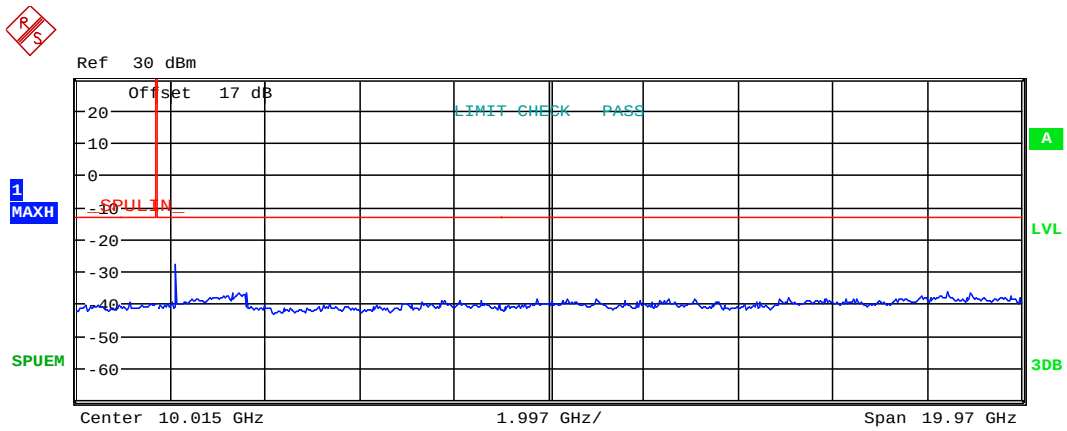


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	481.826000 M	-40.27	-27.27
1.000 G	1.700 G	1.00 M	1.632940 G	-39.43	-26.43
1.765 G	9.000 G	1.00 M	2.153519 G	-30.71	-17.71
9.000 G	20.000 G	1.00 M	18.406100 G	-36.91	-23.91

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 3MHZ CH20385

Date: 3.MAY.2019 14:20:20

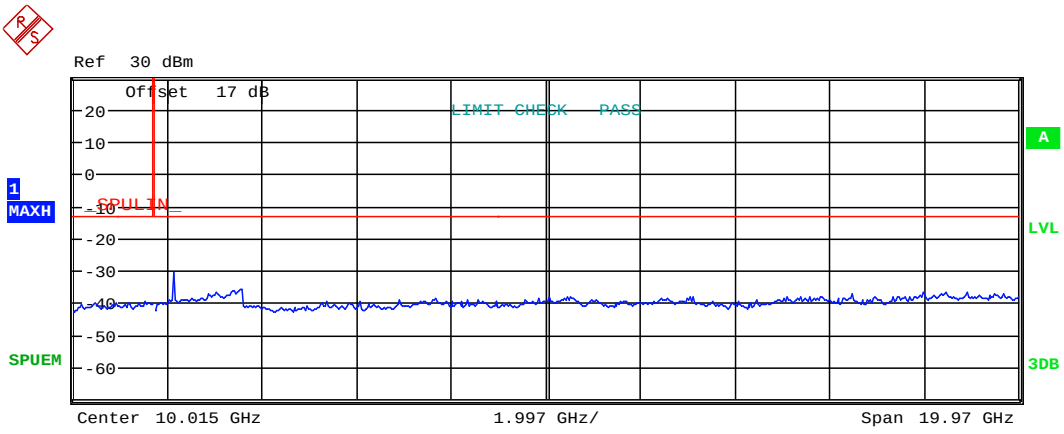
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	479.983000 M	-40.59	-27.59
1.000 G	1.700 G	1.00 M	1.137690 G	-39.84	-26.84
1.765 G	9.000 G	1.00 M	2.113004 G	-27.98	-14.98
9.000 G	20.000 G	1.00 M	18.435800 G	-36.60	-23.60

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 5MHZ CH19975

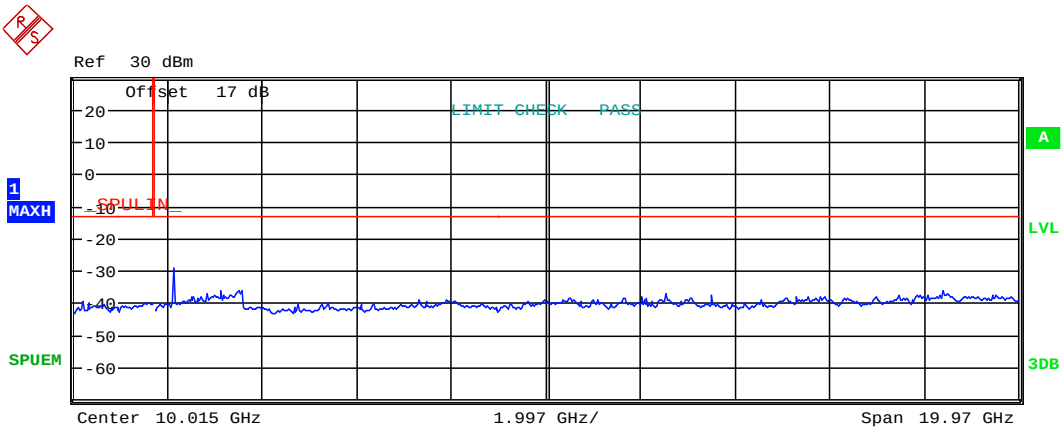
Date: 3.MAY.2019 14:22:38



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	923.564000 M	-40.38	-27.38
1.000 G	1.700 G	1.00 M	1.541240 G	-39.88	-26.88
1.765 G	9.000 G	1.00 M	2.132538 G	-30.59	-17.59
9.000 G	20.000 G	1.00 M	18.916500 G	-36.89	-23.89

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 5MHZ CH20175

Date: 3.MAY.2019 14:23:16

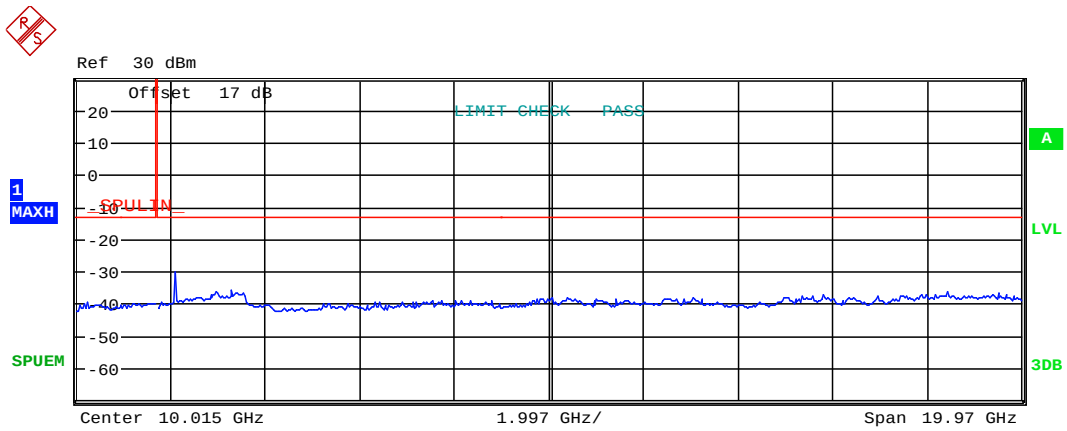


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	208.771000 M	-39.50	-26.50
1.000 G	1.700 G	1.00 M	1.526540 G	-40.28	-27.28
1.765 G	9.000 G	1.00 M	2.151349 G	-29.34	-16.34
9.000 G	20.000 G	1.00 M	18.384100 G	-36.60	-23.60

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 5MHZ CH20375

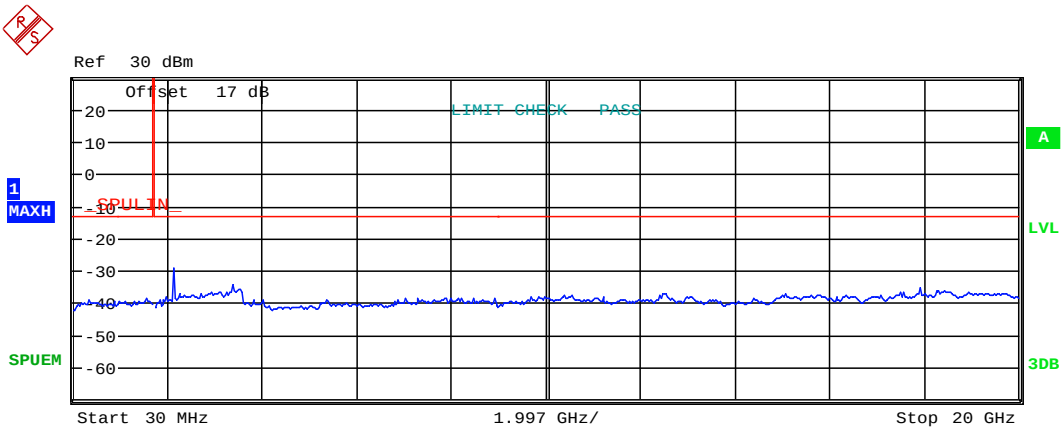
Date: 3.MAY.2019 14:25:04

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	266.680000 M	-39.93	-26.93
1.000 G	1.700 G	1.00 M	1.676200 G	-40.06	-27.06
1.765 G	9.000 G	1.00 M	2.117345 G	-30.41	-17.41
9.000 G	20.000 G	1.00 M	18.429200 G	-36.65	-23.65

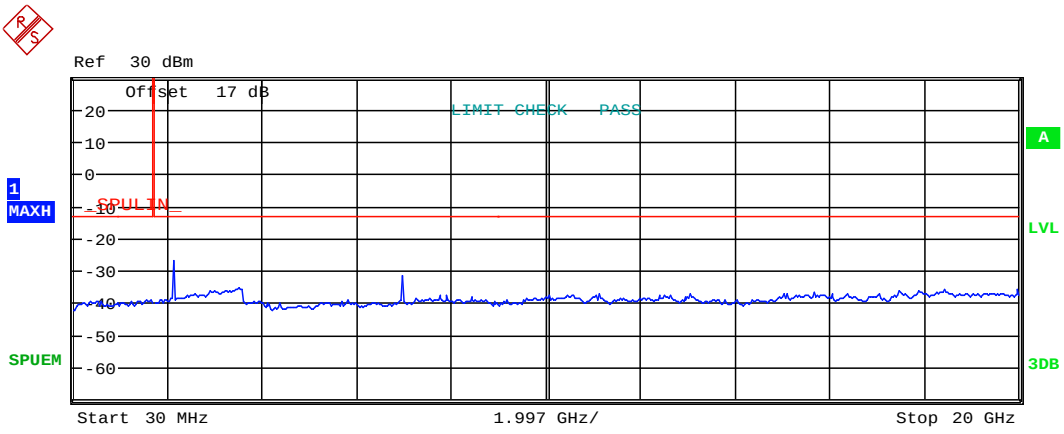
CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 10MHZ CH20000
Date: 3.MAY.2019 14:26:49



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	343.116000 M	-39.02	-26.02
1.000 G	1.700 G	1.00 M	1.551810 G	-38.82	-25.82
1.765 G	9.000 G	1.00 M	2.131814 G	-29.60	-16.60
9.000 G	20.000 G	1.00 M	17.905600 G	-35.41	-22.41

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 10MHZ CH20175

Date: 3.MAY.2019 14:33:42

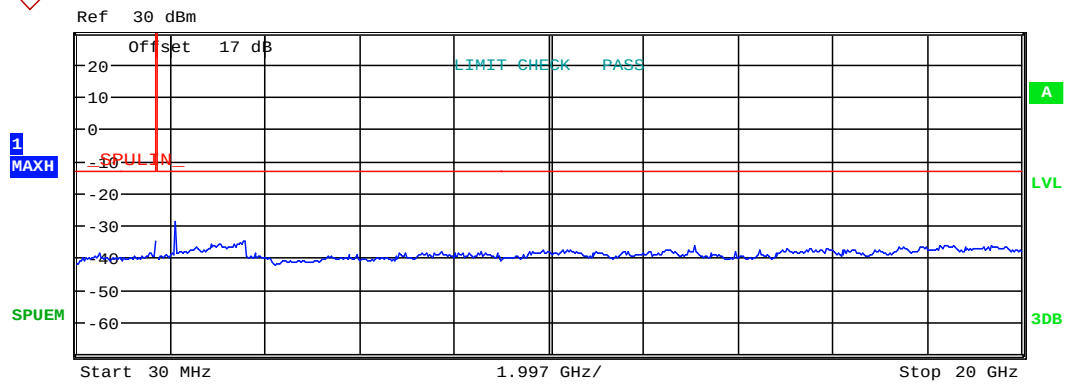


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	536.243000 M	-39.54	-26.54
1.000 G	1.700 G	1.00 M	1.647430 G	-39.19	-26.19
1.765 G	9.000 G	1.00 M	2.149179 G	-27.16	-14.16
9.000 G	20.000 G	1.00 M	18.414900 G	-36.10	-23.10

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 10MHZ CH20350

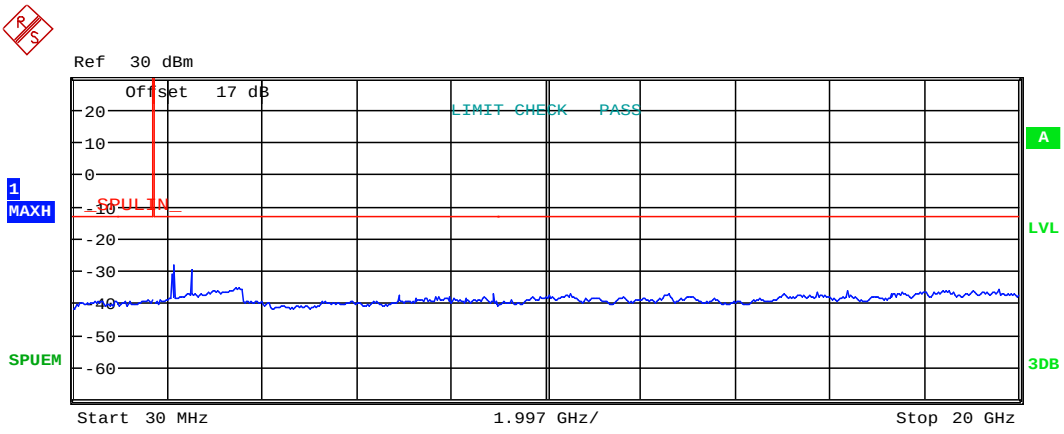
Date: 3.MAY.2019 14:35:15

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	504.136000 M	-38.60	-25.60
1.000 G	1.700 G	1.00 M	1.698670 G	-35.03	-22.03
1.765 G	9.000 G	1.00 M	2.113727 G	-28.83	-15.83
9.000 G	20.000 G	1.00 M	18.553500 G	-36.24	-23.24

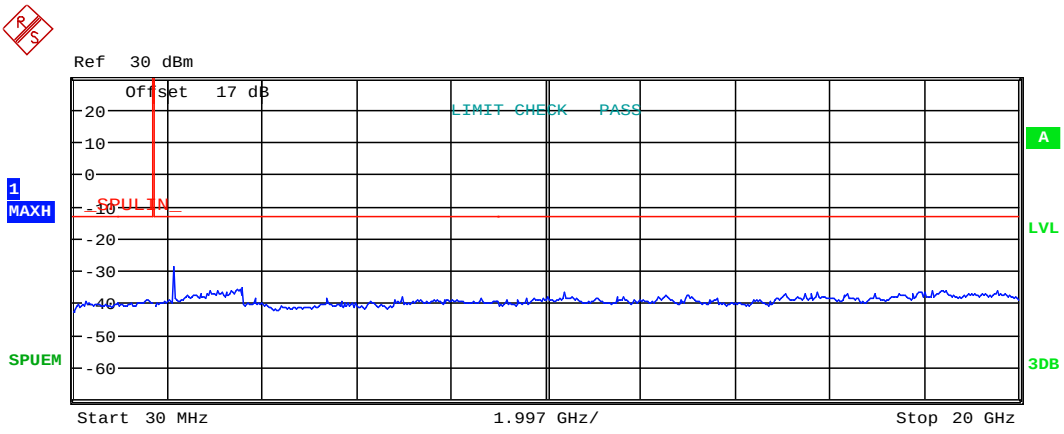
CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 15MHZ CH20025
Date: 3.MAY.2019 14:46:58



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	932.585000 M	-39.60	-26.60
1.000 G	1.700 G	1.00 M	1.607670 G	-39.15	-26.15
1.765 G	9.000 G	1.00 M	2.130368 G	-28.37	-15.37
9.000 G	20.000 G	1.00 M	19.593000 G	-36.06	-23.06

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 15MHZ CH20175

Date: 3.MAY.2019 14:55:02

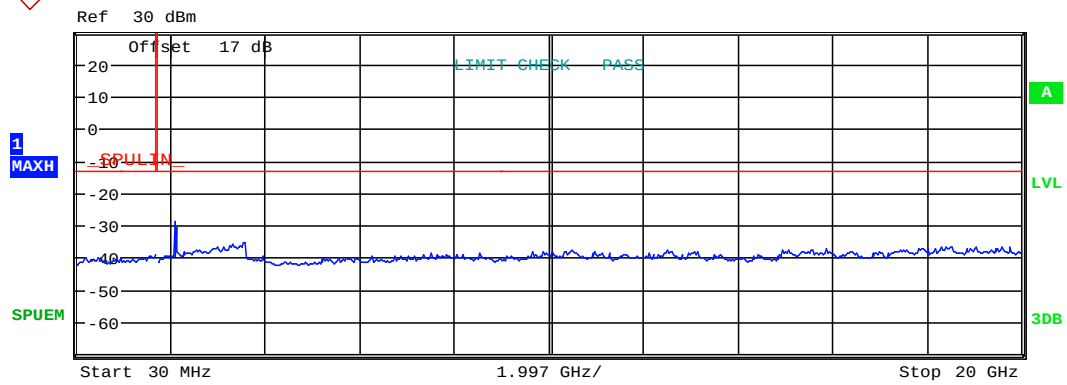


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	288.020000 M	-39.95	-26.95
1.000 G	1.700 G	1.00 M	1.557410 G	-39.17	-26.17
1.765 G	9.000 G	1.00 M	2.147008 G	-28.90	-15.90
9.000 G	20.000 G	1.00 M	18.179500 G	-36.27	-23.27

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 15MHZ CH20325

Date: 3.MAY.2019 14:57:34

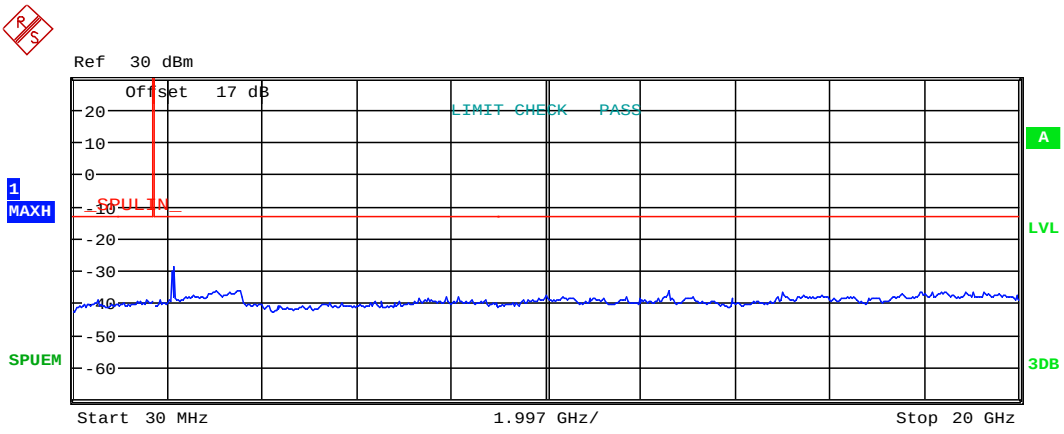
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	491.623000 M	-40.06	-27.06
1.000 G	1.700 G	1.00 M	1.693210 G	-39.21	-26.21
1.765 G	9.000 G	1.00 M	2.123856 G	-29.15	-16.15
9.000 G	20.000 G	1.00 M	19.731600 G	-36.69	-23.69

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 20MHZ CH20050

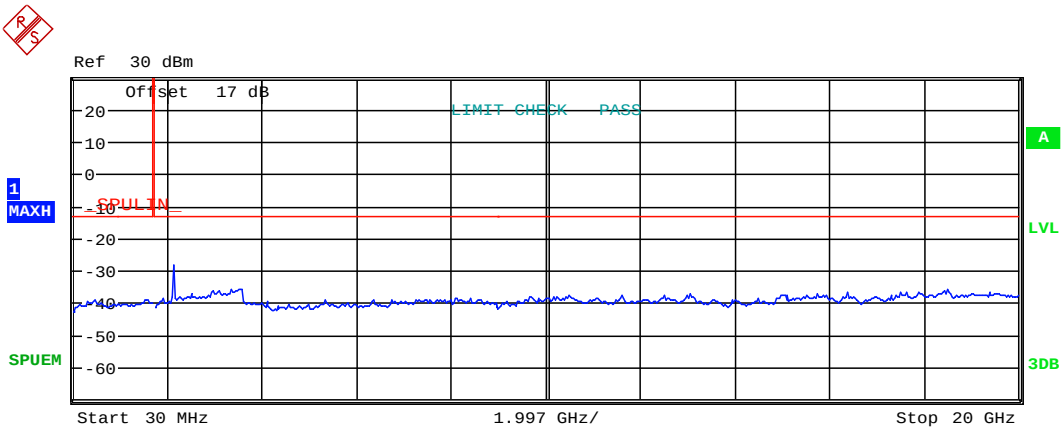
Date: 3.MAY.2019 14:59:30



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	547.495000 M	-39.28	-26.28
1.000 G	1.700 G	1.00 M	1.580790 G	-39.31	-26.31
1.765 G	9.000 G	1.00 M	2.127473 G	-28.93	-15.93
9.000 G	20.000 G	1.00 M	12.591500 G	-36.36	-23.36

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 20MHZ CH20175

Date: 3.MAY.2019 15:02:56

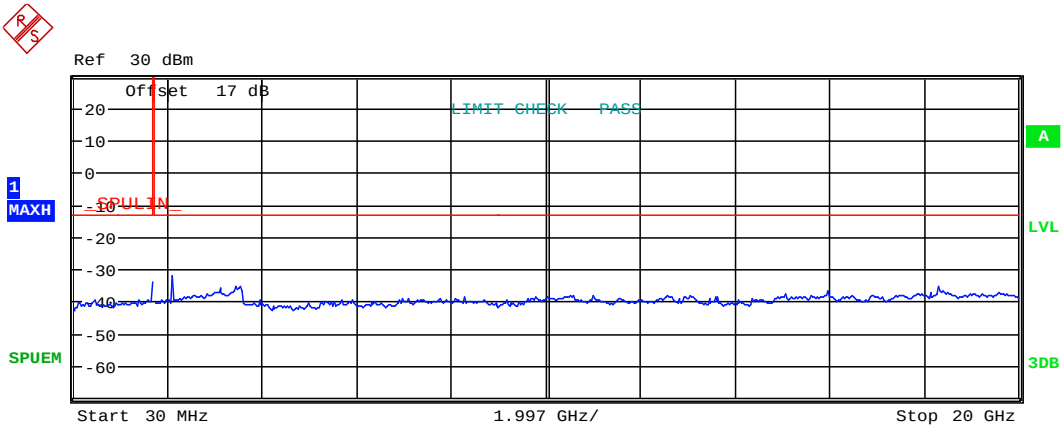


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	465.918000 M	-39.41	-26.41
1.000 G	1.700 G	1.00 M	1.607670 G	-39.11	-26.11
1.765 G	9.000 G	1.00 M	2.139050 G	-28.68	-15.68
9.000 G	20.000 G	1.00 M	18.487500 G	-36.13	-23.13

CONDUCTED SPURIOUS EMISSION BAND4 QPSK 1RB 20MHZ CH20300

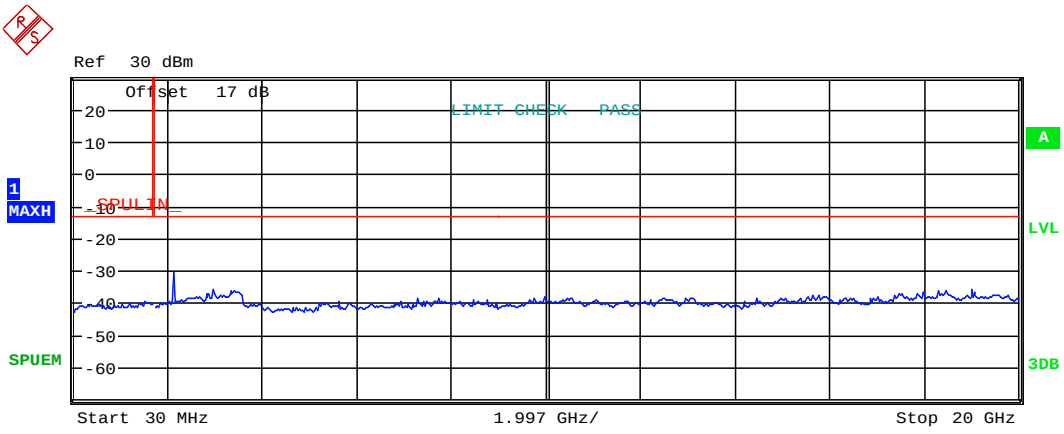
Date: 3.MAY.2019 15:03:50

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
16QAM
1.4MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	473.775000 M	-39.67	-26.67
1.000 G	1.700 G	1.00 M	1.689640 G	-33.92	-20.92
1.765 G	9.000 G	1.00 M	2.110833 G	-32.43	-19.43
9.000 G	20.000 G	1.00 M	18.293900 G	-35.69	-22.69

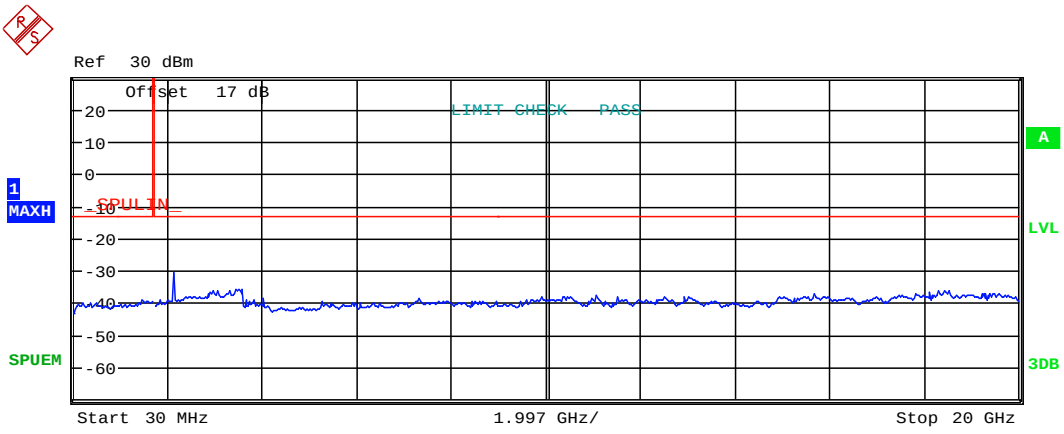
CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 1.4MHZ CH19957
Date: 3.MAY.2019 13:37:28



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	558.941000 M	-40.52	-27.52
1.000 G	1.700 G	1.00 M	1.524790 G	-39.75	-26.75
1.765 G	9.000 G	1.00 M	2.132538 G	-30.75	-17.75
9.000 G	20.000 G	1.00 M	18.991300 G	-36.20	-23.20

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 1.4MHZ CH20175

Date: 3.MAY.2019 13:38:02

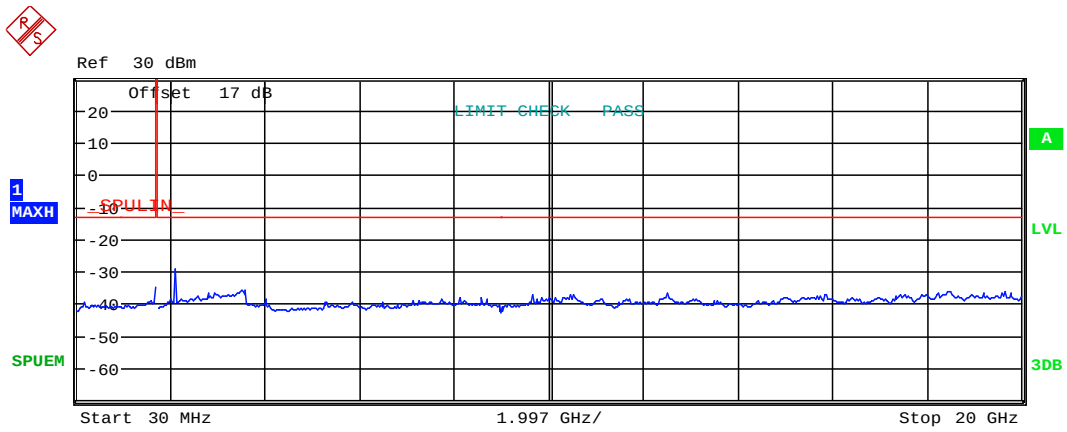


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	228.656000 M	-40.11	-27.11
1.000 G	1.700 G	1.00 M	1.466690 G	-39.33	-26.33
1.765 G	9.000 G	1.00 M	2.154243 G	-30.68	-17.68
9.000 G	20.000 G	1.00 M	18.287300 G	-36.38	-23.38

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 1.4MHZ CH20393

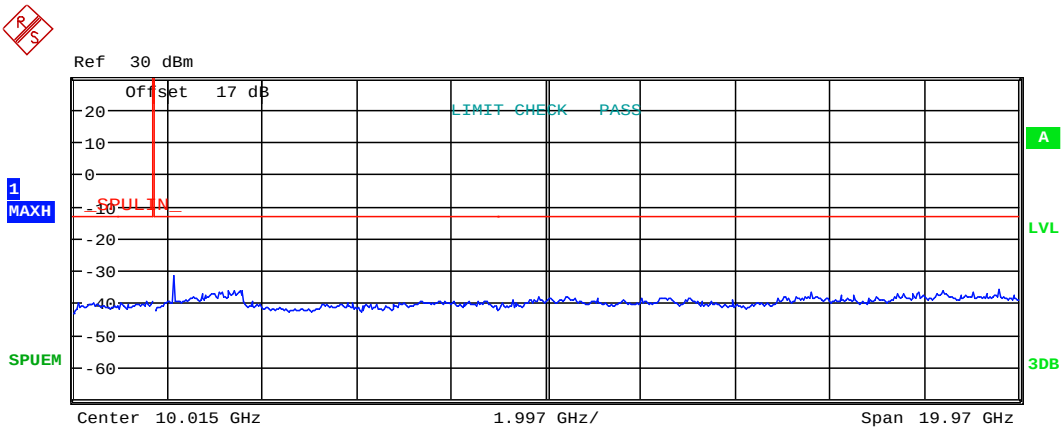
Date: 3.MAY.2019 13:40:06

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	202.466000 M	-39.79	-26.79
1.000 G	1.700 G	1.00 M	1.698040 G	-35.22	-22.22
1.765 G	9.000 G	1.00 M	2.112280 G	-29.62	-16.62
9.000 G	20.000 G	1.00 M	18.468800 G	-36.23	-23.23

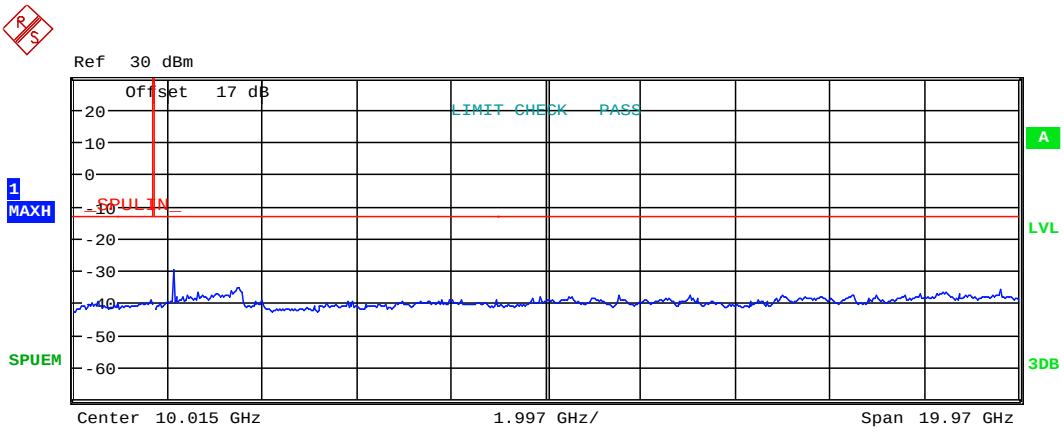
CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 3MHZ CH19965
Date: 3.MAY.2019 13:54:04



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	457.964000 M	-40.07	-27.07
1.000 G	1.700 G	1.00 M	1.571480 G	-39.66	-26.66
1.765 G	9.000 G	1.00 M	2.132538 G	-31.56	-18.56
9.000 G	20.000 G	1.00 M	19.586400 G	-36.16	-23.16

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 3MHZ CH20175

Date: 3.MAY.2019 14:19:00

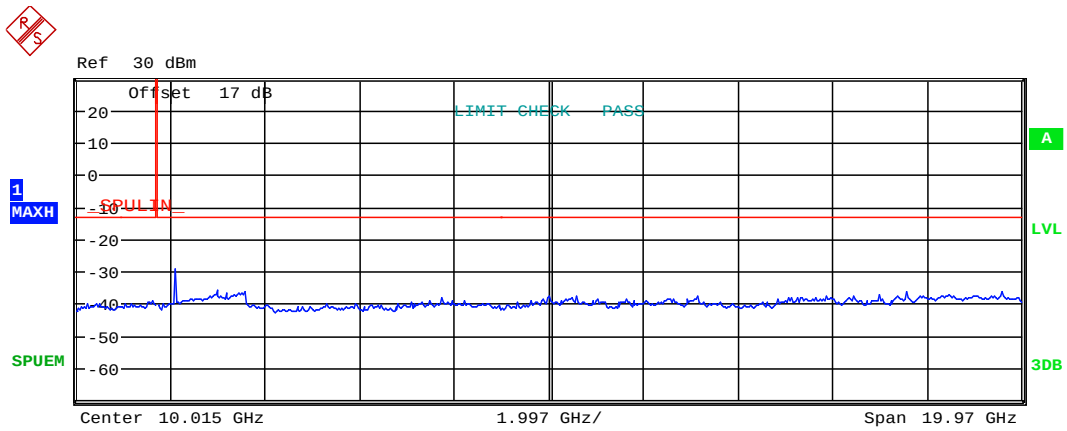


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	555.158000 M	-39.69	-26.69
1.000 G	1.700 G	1.00 M	1.670950 G	-39.36	-26.36
1.765 G	9.000 G	1.00 M	2.153519 G	-29.71	-16.71
9.000 G	20.000 G	1.00 M	19.599600 G	-36.19	-23.19

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 3MHZ CH20385

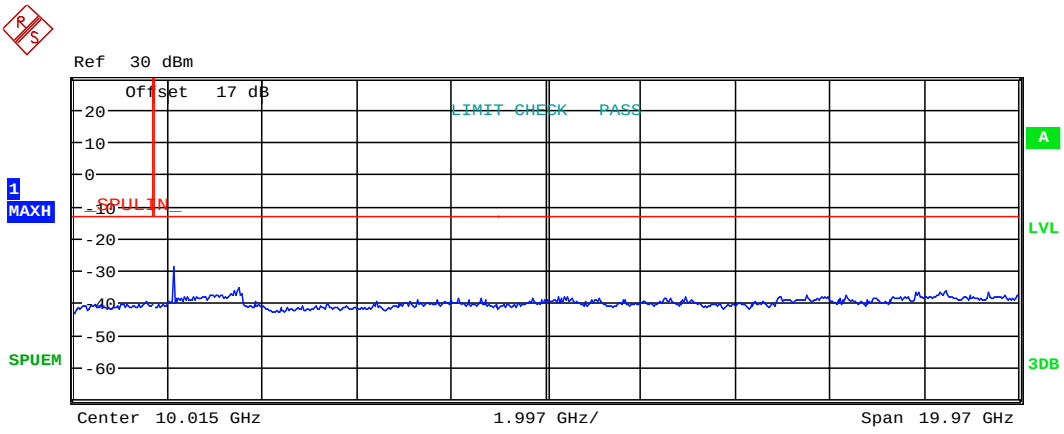
Date: 3.MAY.2019 14:21:00

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	430.804000 M	-40.26	-27.26
1.000 G	1.700 G	1.00 M	1.630630 G	-39.42	-26.42
1.765 G	9.000 G	1.00 M	2.113727 G	-29.24	-16.24
9.000 G	20.000 G	1.00 M	19.578700 G	-36.26	-23.26

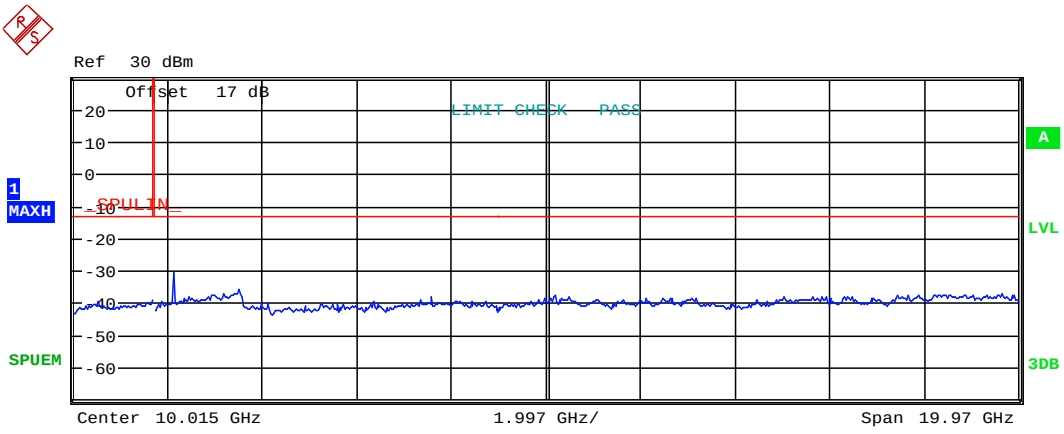
CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 5MHZ CH19975
Date: 3.MAY.2019 14:21:59



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	600.166000 M	-40.70	-27.70
1.000 G	1.700 G	1.00 M	1.579250 G	-39.73	-26.73
1.765 G	9.000 G	1.00 M	2.132538 G	-28.79	-15.79
9.000 G	20.000 G	1.00 M	18.454500 G	-36.63	-23.63

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 5MHZ CH20175

Date: 3.MAY.2019 14:23:49

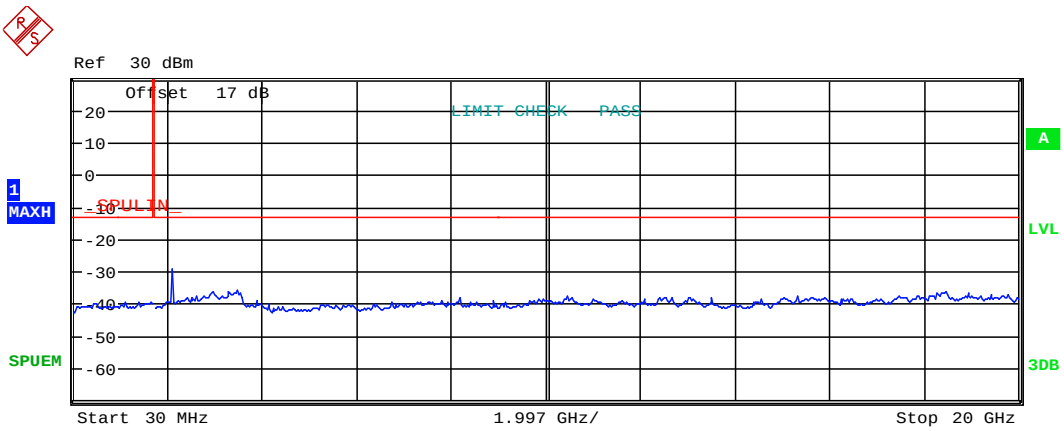


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	536.922000 M	-39.83	-26.83
1.000 G	1.700 G	1.00 M	1.692650 G	-39.02	-26.02
1.765 G	9.000 G	1.00 M	2.153519 G	-30.61	-17.61
9.000 G	20.000 G	1.00 M	19.644700 G	-37.51	-24.51

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 5MHZ CH20375

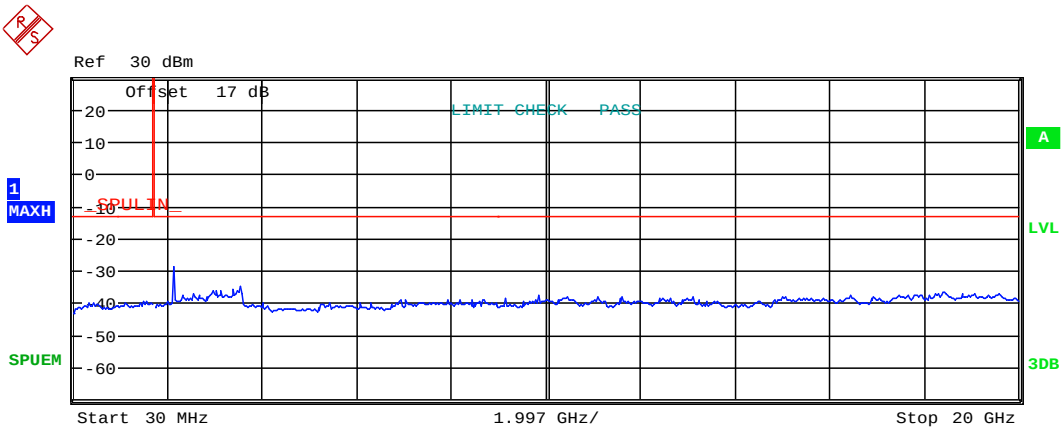
Date: 3.MAY.2019 14:24:17

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	489.101000 M	-40.13	-27.13
1.000 G	1.700 G	1.00 M	1.677110 G	-39.68	-26.68
1.765 G	9.000 G	1.00 M	2.112280 G	-29.21	-16.21
9.000 G	20.000 G	1.00 M	18.477600 G	-36.66	-23.66

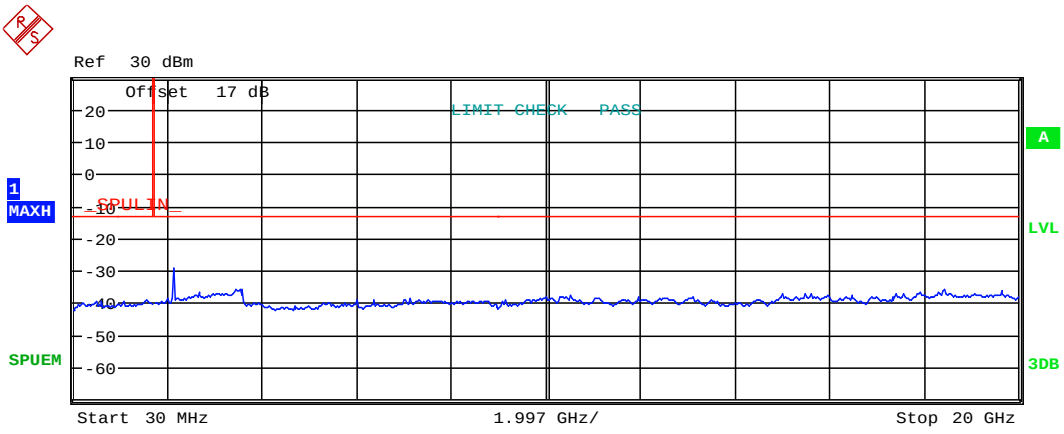
CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 10MHZ CH20000
Date: 3.MAY.2019 14:28:23



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	355.338000 M	-40.25	-27.25
1.000 G	1.700 G	1.00 M	1.500570 G	-39.68	-26.68
1.765 G	9.000 G	1.00 M	2.130368 G	-29.05	-16.05
9.000 G	20.000 G	1.00 M	18.384100 G	-36.78	-23.78

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 10MHZ CH20175

Date: 3.MAY.2019 14:32:30

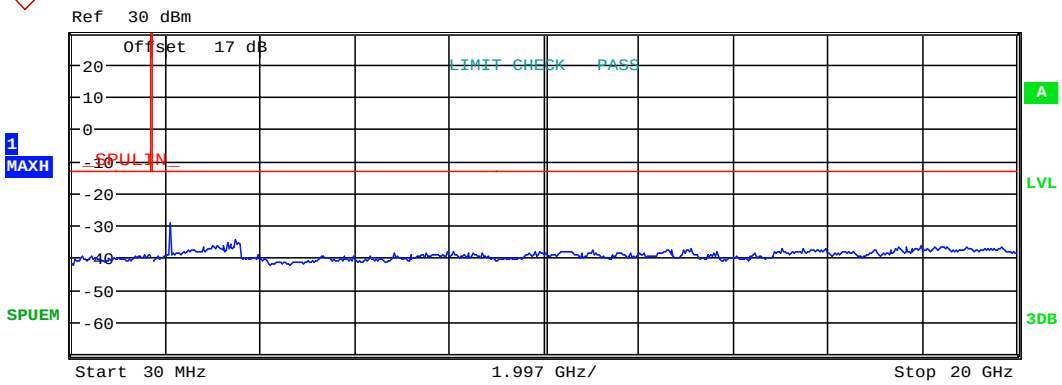


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	507.240000 M	-39.55	-26.55
1.000 G	1.700 G	1.00 M	1.553140 G	-39.07	-26.07
1.765 G	9.000 G	1.00 M	2.146285 G	-29.39	-16.39
9.000 G	20.000 G	1.00 M	18.429200 G	-35.98	-22.98

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 10MHZ CH20350

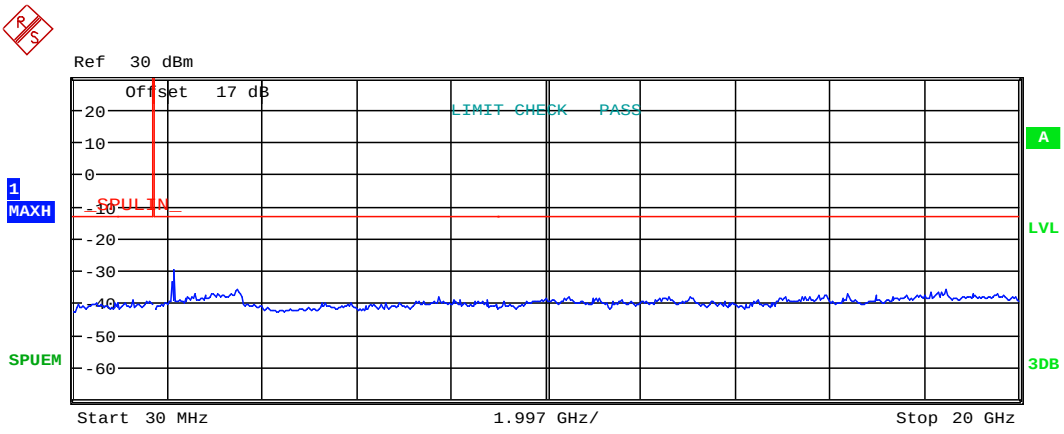
Date: 3.MAY.2019 14:36:02

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	430.998000 M	-39.89	-26.89
1.000 G	1.700 G	1.00 M	1.665210 G	-39.41	-26.41
1.765 G	9.000 G	1.00 M	2.113004 G	-29.21	-16.21
9.000 G	20.000 G	1.00 M	17.968300 G	-36.27	-23.27

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 15MHZ CH20025
Date: 3.MAY.2019 14:40:50

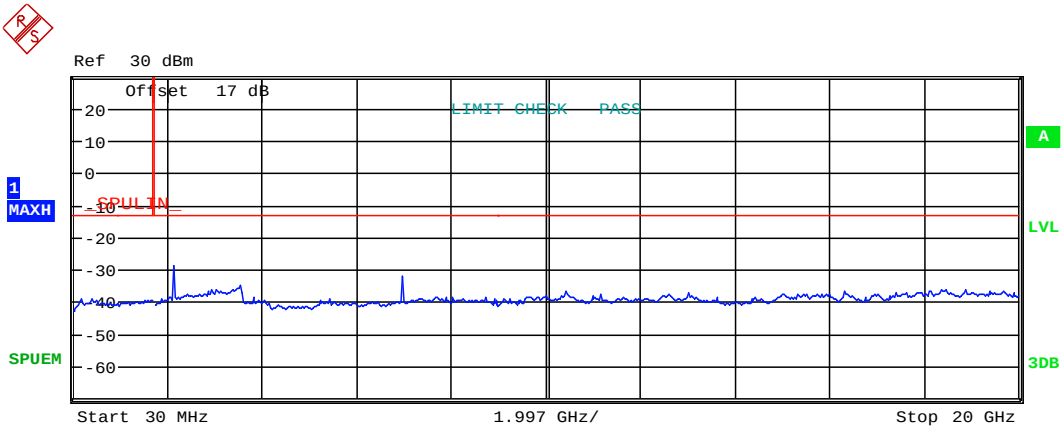


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	517.716000 M	-40.18	-27.18
1.000 G	1.700 G	1.00 M	1.292040 G	-39.24	-26.24
1.765 G	9.000 G	1.00 M	2.137602 G	-29.90	-16.90
9.000 G	20.000 G	1.00 M	18.452300 G	-36.10	-23.10

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 15MHZ CH20175

Date: 3.MAY.2019 14:55:35

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT

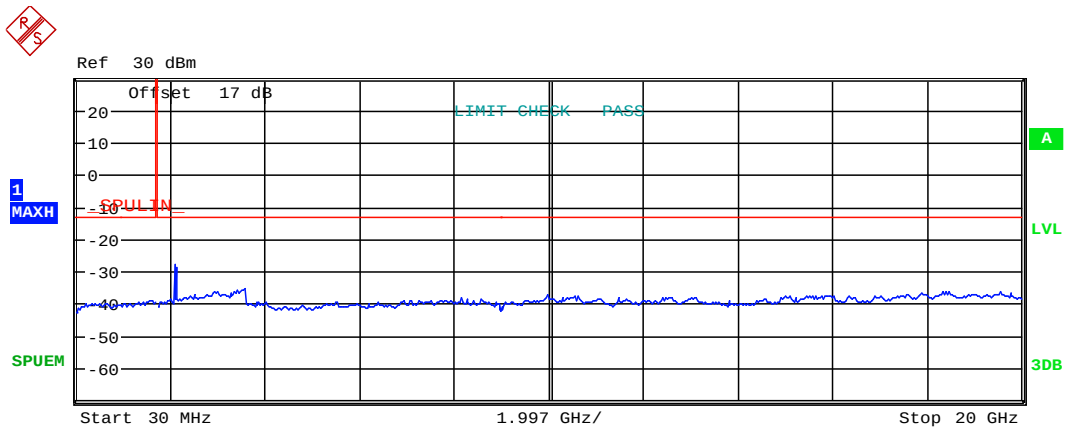


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	411.307000 M	-39.42	-26.42
1.000 G	1.700 G	1.00 M	1.606690 G	-39.72	-26.72
1.765 G	9.000 G	1.00 M	2.145561 G	-28.82	-15.82
9.000 G	20.000 G	1.00 M	18.462200 G	-36.30	-23.30

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 15MHZ CH20325

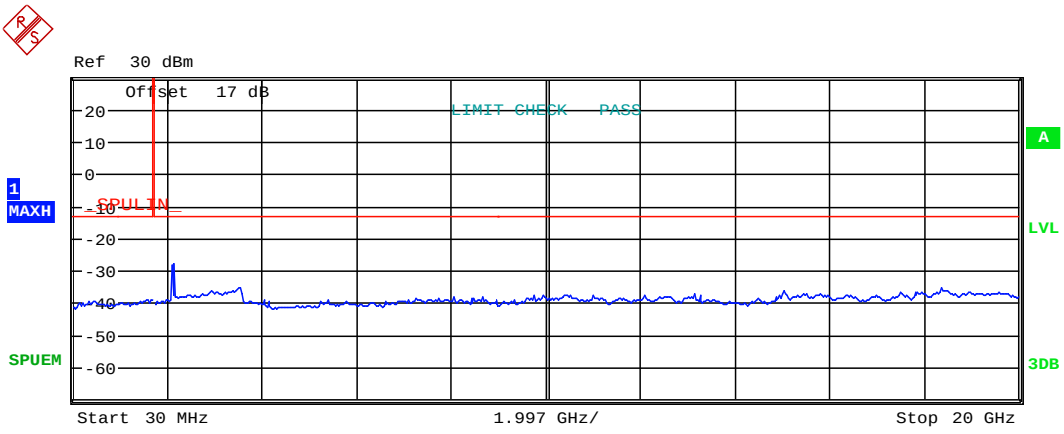
Date: 3.MAY.2019 14:56:37

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	498.025000 M	-39.99	-26.99
1.000 G	1.700 G	1.00 M	1.564760 G	-39.26	-26.26
1.765 G	9.000 G	1.00 M	2.125303 G	-28.16	-15.16
9.000 G	20.000 G	1.00 M	18.319200 G	-36.36	-23.36

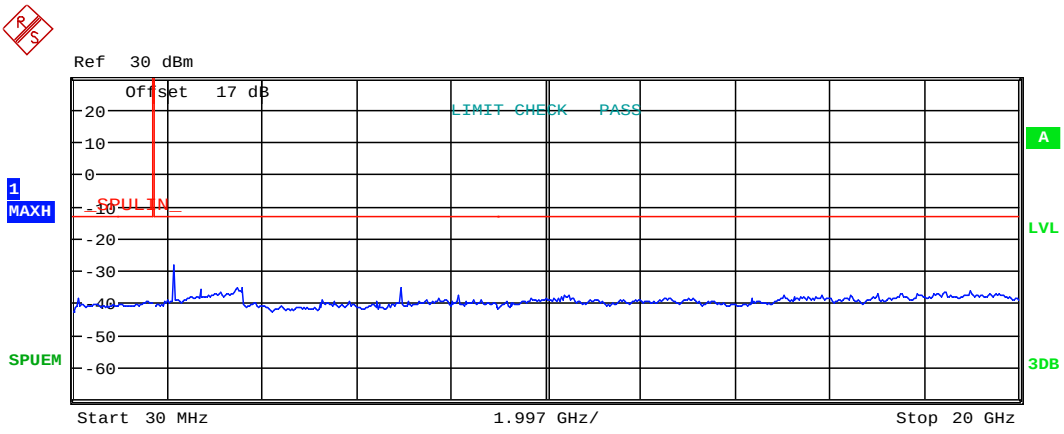
CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 20MHZ CH20050
Date: 3.MAY.2019 15:00:29



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	484.542000 M	-39.62	-26.62
1.000 G	1.700 G	1.00 M	1.656810 G	-39.23	-26.23
1.765 G	9.000 G	1.00 M	2.137602 G	-27.98	-14.98
9.000 G	20.000 G	1.00 M	18.380800 G	-35.68	-22.68

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 20MHZ CH20175

Date: 3.MAY.2019 15:02:00

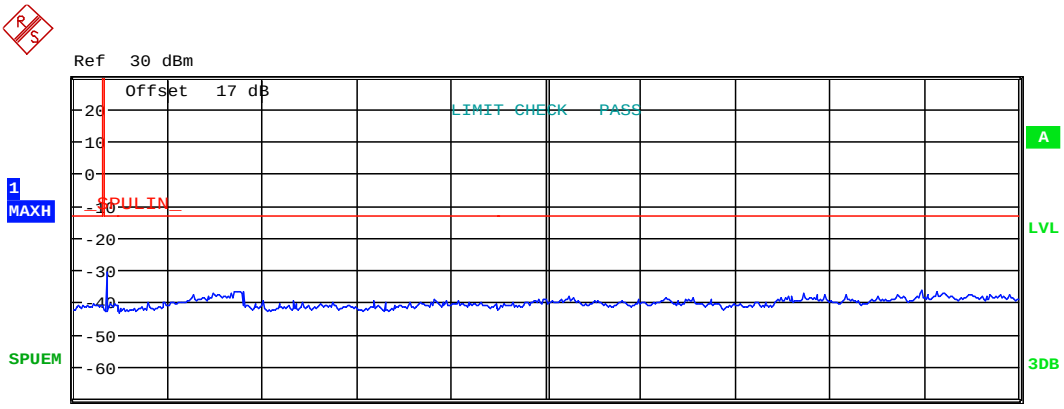


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	115.748000 M	-38.98	-25.98
1.000 G	1.700 G	1.00 M	1.579740 G	-39.73	-26.73
1.765 G	9.000 G	1.00 M	2.139773 G	-28.46	-15.46
9.000 G	20.000 G	1.00 M	18.982500 G	-36.50	-23.50

CONDUCTED SPURIOUS EMISSION BAND4 16QAM 1RB 20MHZ CH20300

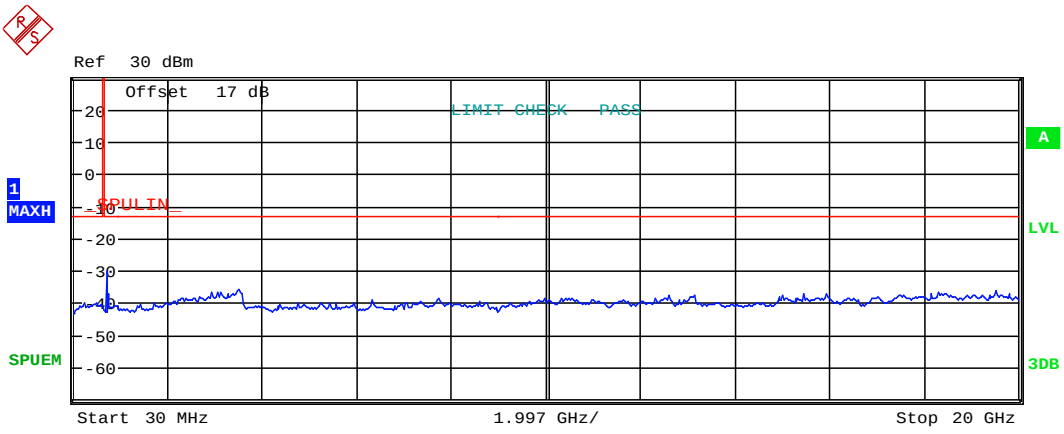
Date: 3.MAY.2019 15:04:28

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band XII
QPSK
1.4MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	435.944000 M	-40.73	-27.73
726.000 M	1.000 G	1.00 M	729.836000 M	-30.96	-17.96
1.000 G	9.000 G	1.00 M	3.486400 G	-36.71	-23.71
9.000 G	20.000 G	1.00 M	17.941900 G	-36.52	-23.52

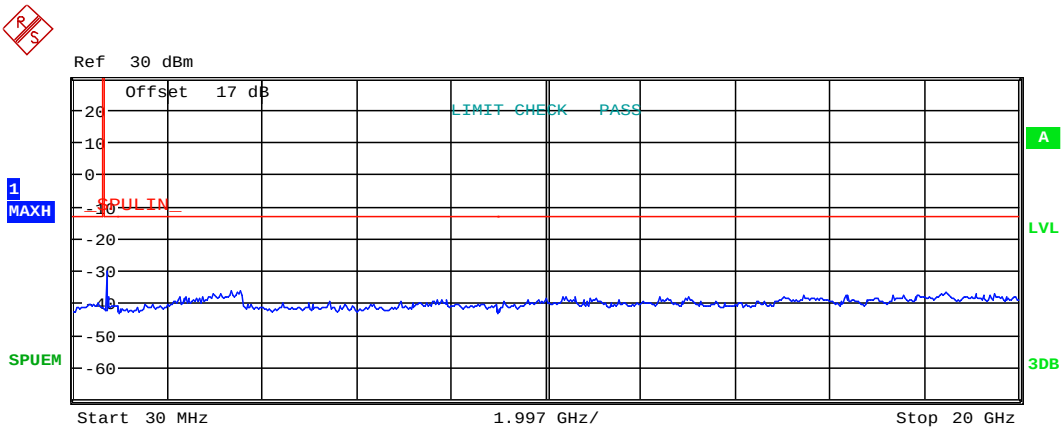
CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 1.4MHZ CH23017
Date: 3.MAY.2019 16:05:15



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	496.901500 M	-40.34	-27.34
726.000 M	1.000 G	1.00 M	737.261400 M	-30.10	-17.10
1.000 G	9.000 G	1.00 M	3.508000 G	-35.74	-22.74
9.000 G	20.000 G	1.00 M	19.514900 G	-36.20	-23.20

CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 1.4MHZ CH23095

Date: 3.MAY.2019 16:06:15

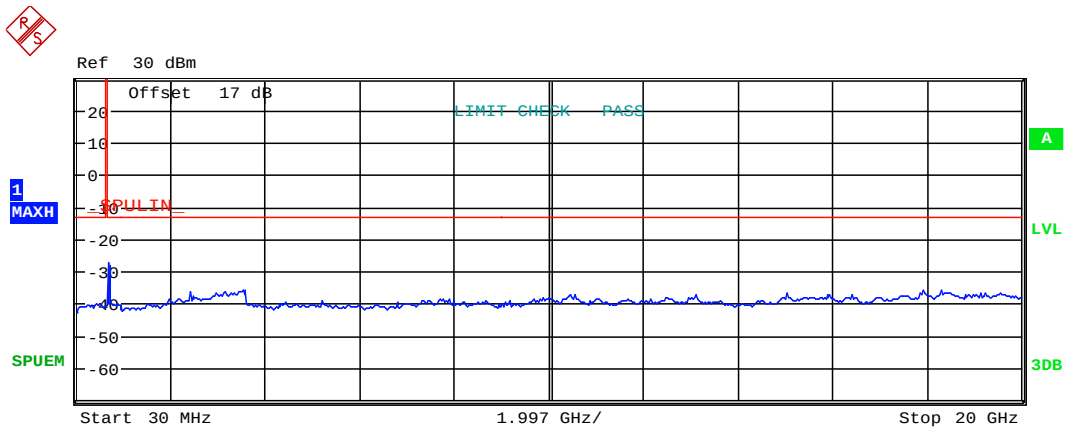


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	540.725000 M	-40.29	-27.29
726.000 M	1.000 G	1.00 M	727.041200 M	-30.47	-17.47
1.000 G	9.000 G	1.00 M	3.552000 G	-36.20	-23.20
9.000 G	20.000 G	1.00 M	18.447900 G	-37.06	-24.06

CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 1.4MHZ CH23173

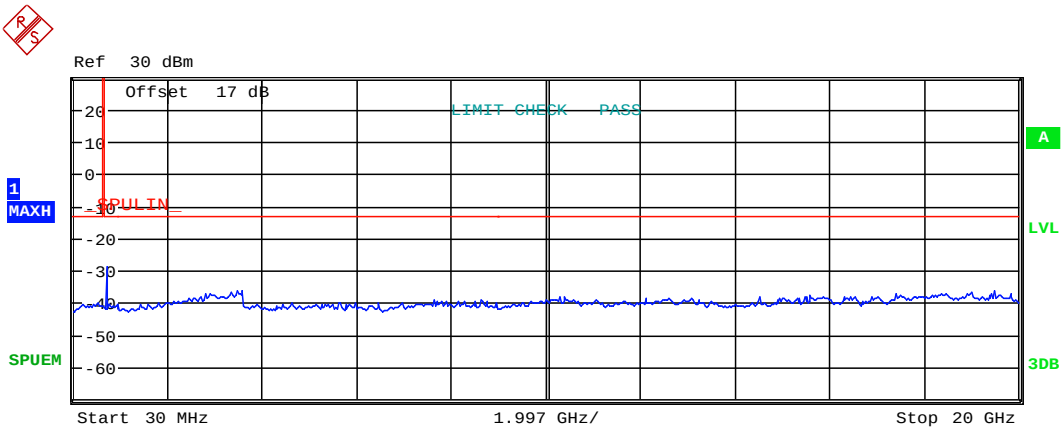
Date: 3.MAY.2019 16:10:15

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	688.341000 M	-27.71	-14.71
726.000 M	1.000 G	1.00 M	731.014200 M	-28.36	-15.36
1.000 G	9.000 G	1.00 M	3.572800 G	-35.76	-22.76
9.000 G	20.000 G	1.00 M	17.934200 G	-35.94	-22.94

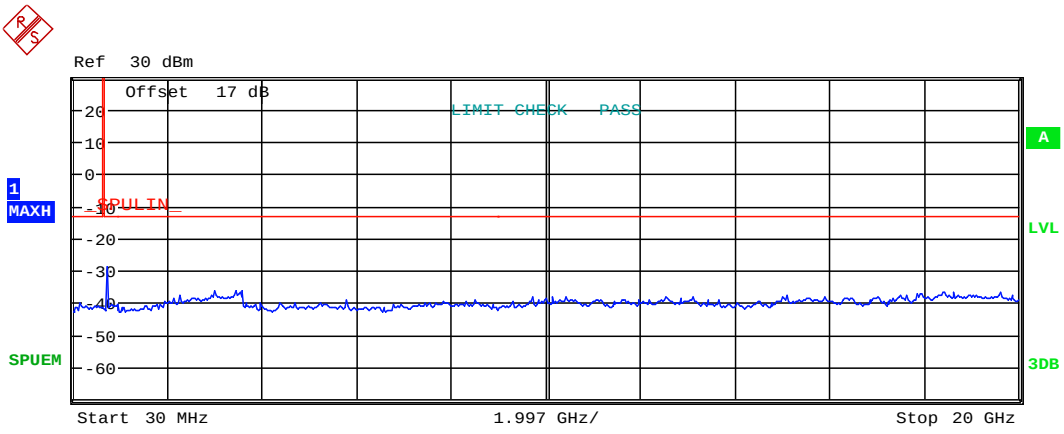
CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 3MHZ CH23025
Date: 3.MAY.2019 16:29:35



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	548.105800 M	-40.32	-27.32
726.000 M	1.000 G	1.00 M	737.946400 M	-28.94	-15.94
1.000 G	9.000 G	1.00 M	3.588000 G	-36.20	-23.20
9.000 G	20.000 G	1.00 M	19.488500 G	-36.60	-23.60

CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 3MHZ CH23095

Date: 3.MAY.2019 16:41:35

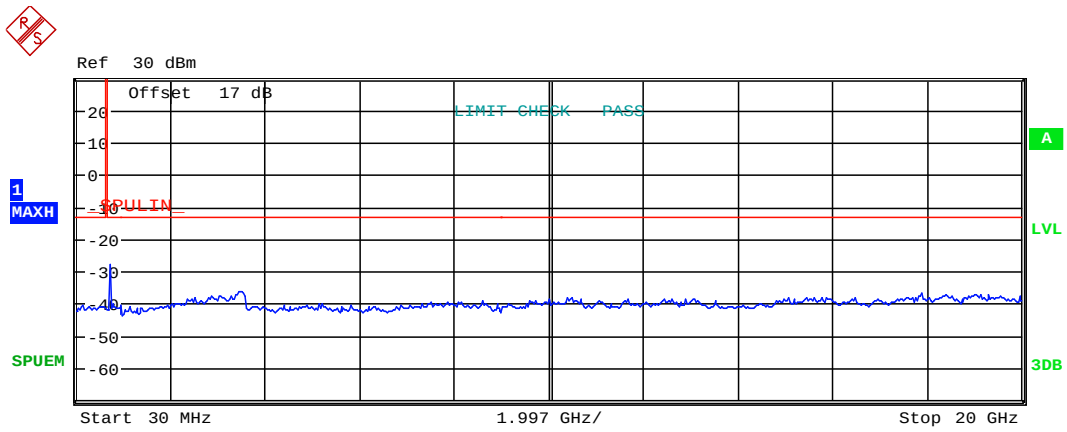


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	144.204700 M	-40.29	-27.29
726.000 M	1.000 G	1.00 M	745.481400 M	-29.05	-16.05
1.000 G	9.000 G	1.00 M	3.008000 G	-36.47	-23.47
9.000 G	20.000 G	1.00 M	18.413800 G	-36.76	-23.76

CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 3MHZ CH23165

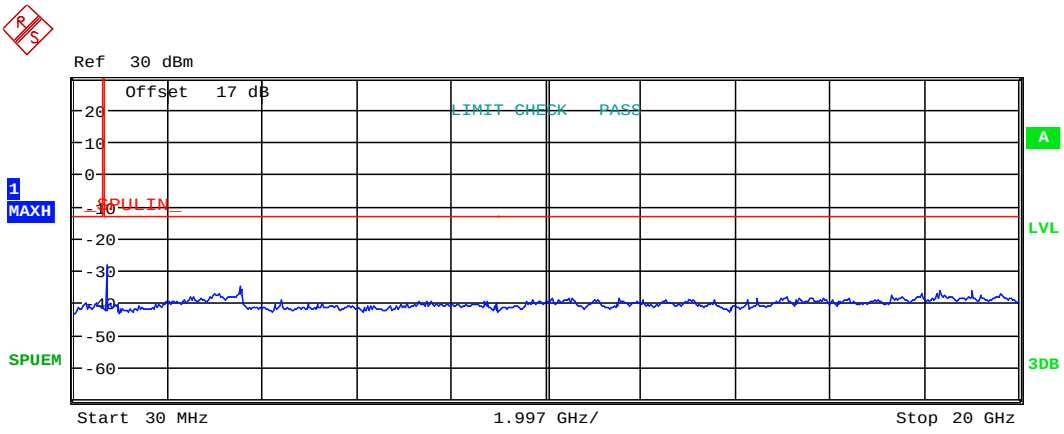
Date: 3.MAY.2019 16:42:56

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	144.995500 M	-40.50	-27.50
726.000 M	1.000 G	1.00 M	731.945800 M	-27.95	-14.95
1.000 G	9.000 G	1.00 M	3.466400 G	-36.21	-23.21
9.000 G	20.000 G	1.00 M	17.897900 G	-37.06	-24.06

CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 5MHZ CH23035
Date: 3.MAY.2019 16:46:21

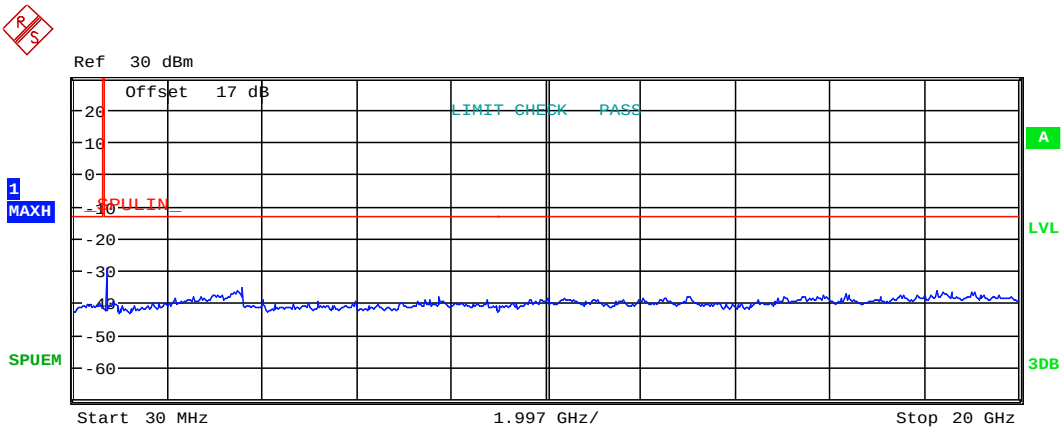


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	498.351300 M	-40.12	-27.12
726.000 M	1.000 G	1.00 M	737.206600 M	-28.53	-15.53
1.000 G	9.000 G	1.00 M	3.536000 G	-34.86	-21.86
9.000 G	20.000 G	1.00 M	18.340100 G	-36.21	-23.21

CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 5MHZ CH23095

Date: 3.MAY.2019 16:46:48

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT

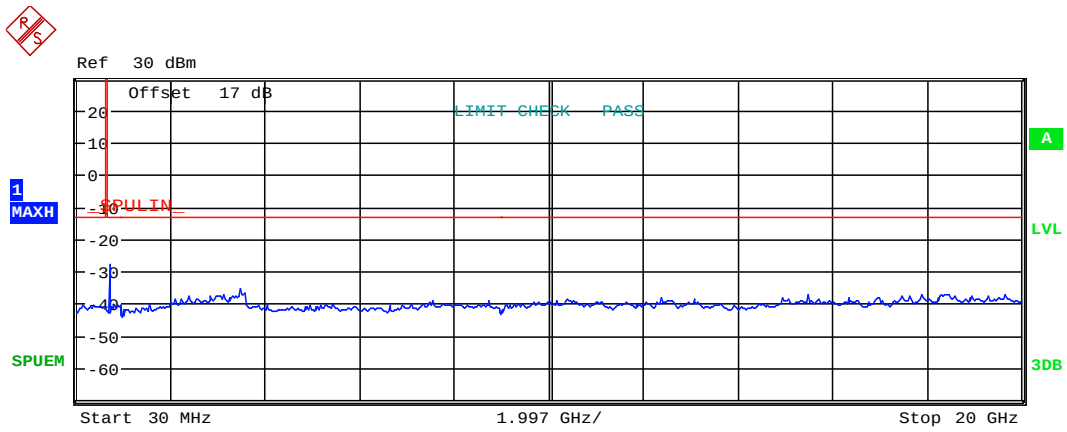


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	558.715700 M	-40.08	-27.08
726.000 M	1.000 G	1.00 M	743.810000 M	-29.21	-16.21
1.000 G	9.000 G	1.00 M	3.588800 G	-35.60	-22.60
9.000 G	20.000 G	1.00 M	18.263100 G	-36.49	-23.49

CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 5MHZ CH23155

Date: 3.MAY.2019 16:48:28

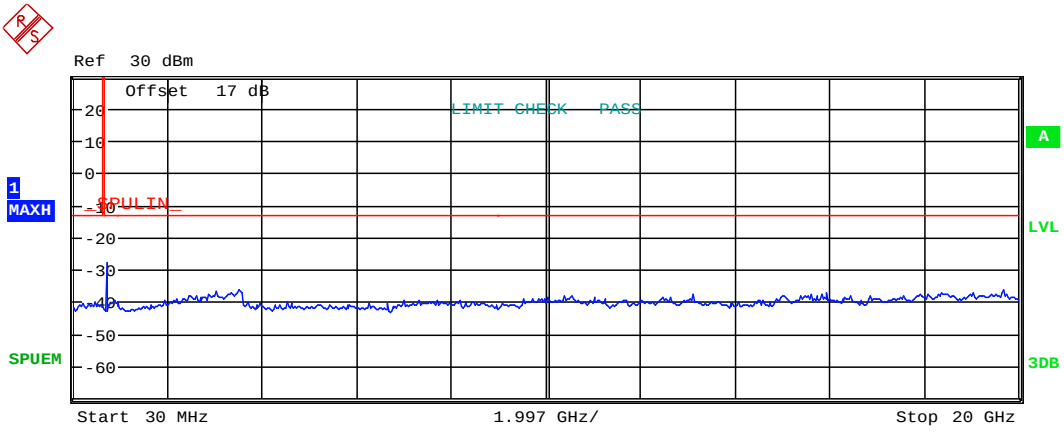
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	172.607600 M	-40.74	-27.74
726.000 M	1.000 G	1.00 M	732.576000 M	-27.94	-14.94
1.000 G	9.000 G	1.00 M	3.490400 G	-35.53	-22.53
9.000 G	20.000 G	1.00 M	18.368700 G	-37.16	-24.16

CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 10MHZ CH23060

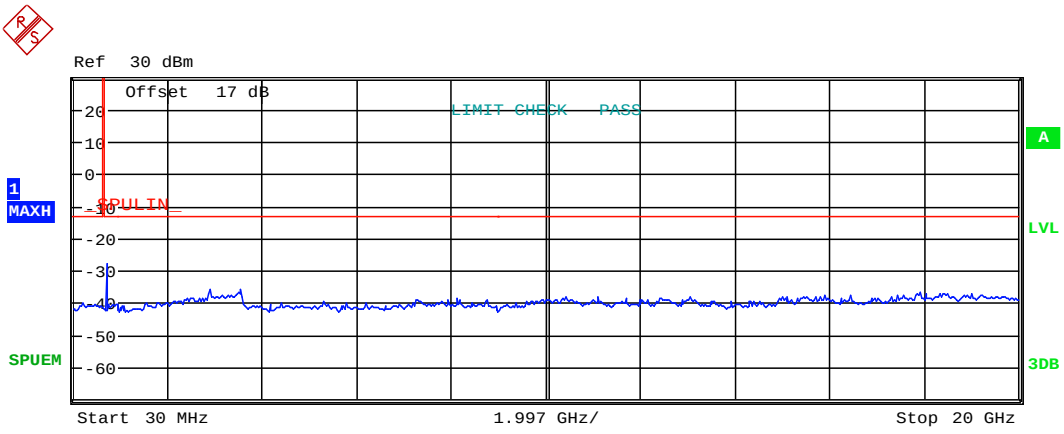
Date: 3.MAY.2019 16:49:23



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	481.349100 M	-40.23	-27.23
726.000 M	1.000 G	1.00 M	738.110800 M	-28.07	-15.07
1.000 G	9.000 G	1.00 M	3.524800 G	-36.27	-23.27
9.000 G	20.000 G	1.00 M	19.683200 G	-36.32	-23.32

CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 10MHZ CH23095

Date: 3.MAY.2019 16:50:56

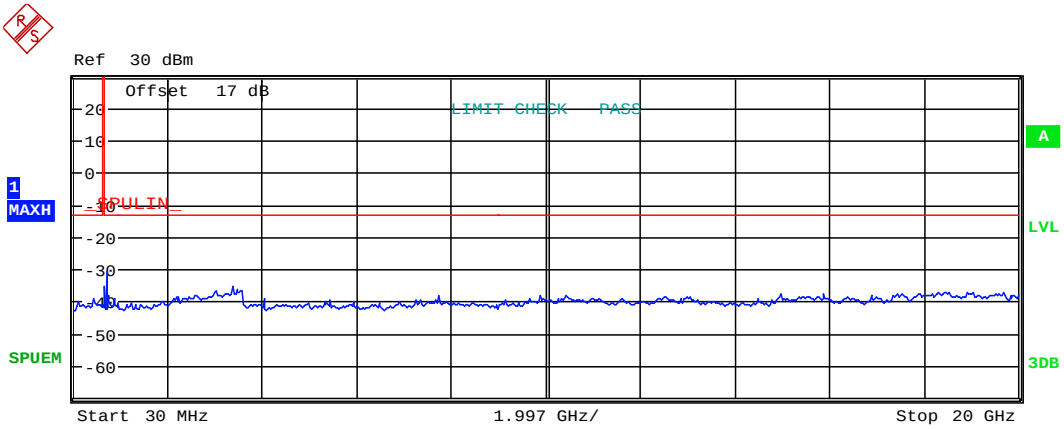


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	232.247100 M	-40.39	-27.39
726.000 M	1.000 G	1.00 M	741.919400 M	-27.83	-14.83
1.000 G	9.000 G	1.00 M	3.547200 G	-35.87	-22.87
9.000 G	20.000 G	1.00 M	17.913300 G	-37.13	-24.13

CONDUCTED SPURIOUS EMISSION BAND12 QPSK 1RB 10MHZ CH23130

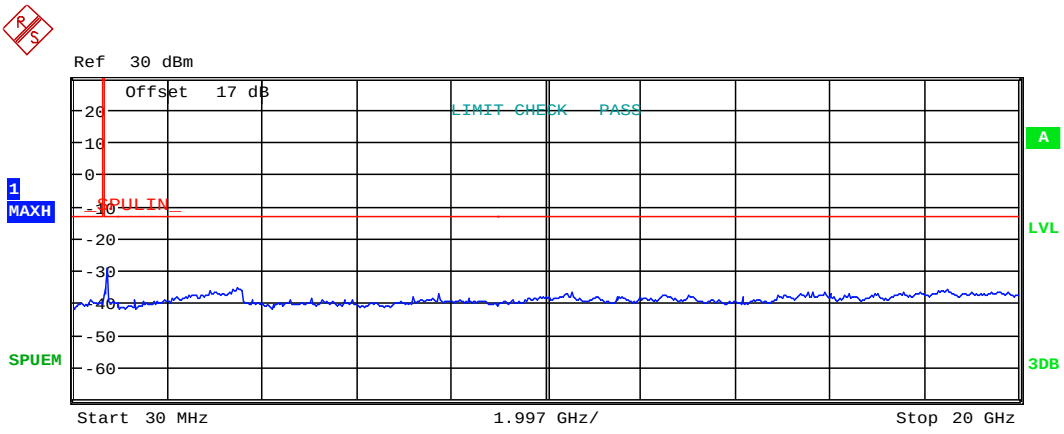
Date: 3.MAY.2019 16:51:26

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
16QAM
1.4MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	681.026100 M	-35.65	-22.65
726.000 M	1.000 G	1.00 M	729.945600 M	-30.80	-17.80
1.000 G	9.000 G	1.00 M	3.386400 G	-35.51	-22.51
9.000 G	20.000 G	1.00 M	18.414900 G	-37.17	-24.17

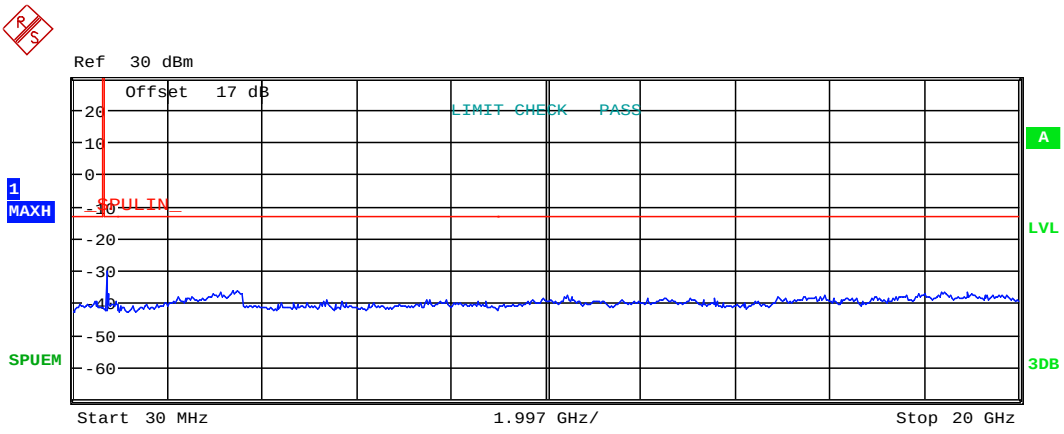
CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 1.4MHZ CH23017
Date: 3.MAY.2019 16:04:31



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	687.682000 M	-35.50	-22.50
726.000 M	1.000 G	1.00 M	737.124400 M	-29.27	-16.27
1.000 G	9.000 G	1.00 M	3.493600 G	-35.54	-22.54
9.000 G	20.000 G	1.00 M	18.486400 G	-36.02	-23.02

CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 1.4MHZ CH23095

Date: 3.MAY.2019 16:08:45

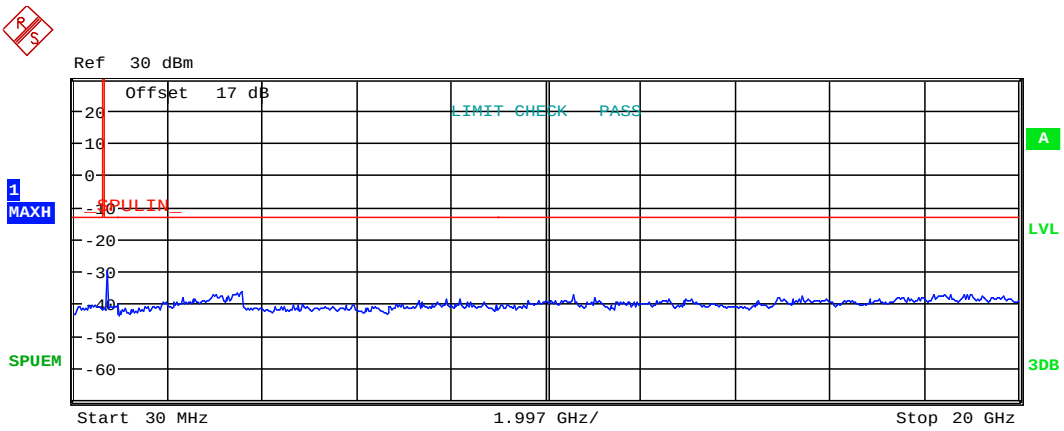


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	475.681700 M	-39.86	-26.86
726.000 M	1.000 G	1.00 M	744.933400 M	-30.51	-17.51
1.000 G	9.000 G	1.00 M	3.494400 G	-36.34	-23.34
9.000 G	20.000 G	1.00 M	18.363200 G	-36.73	-23.73

CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 1.4MHZ CH23173

Date: 3.MAY.2019 16:09:36

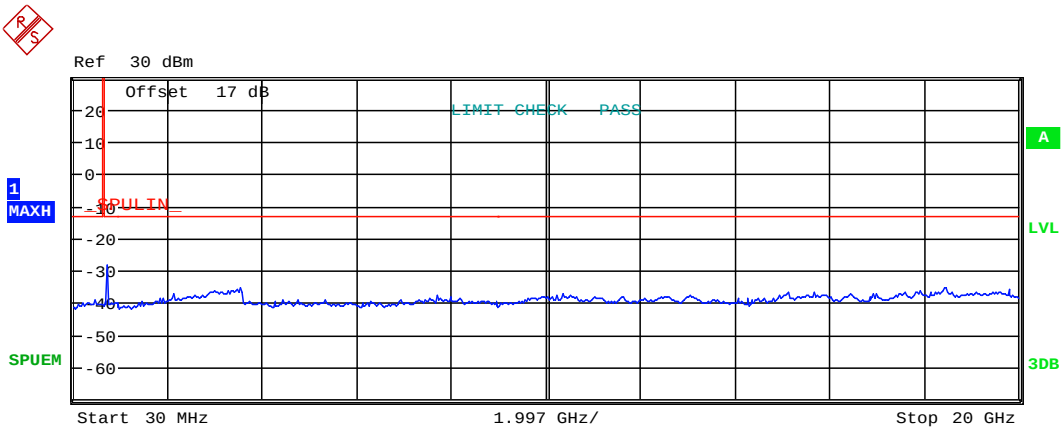
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	403.323500 M	-40.44	-27.44
726.000 M	1.000 G	1.00 M	731.014200 M	-29.71	-16.71
1.000 G	9.000 G	1.00 M	3.592000 G	-36.34	-23.34
9.000 G	20.000 G	1.00 M	18.851600 G	-37.32	-24.32

CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 3MHZ CH23025
Date: 3.MAY.2019 16:30:05

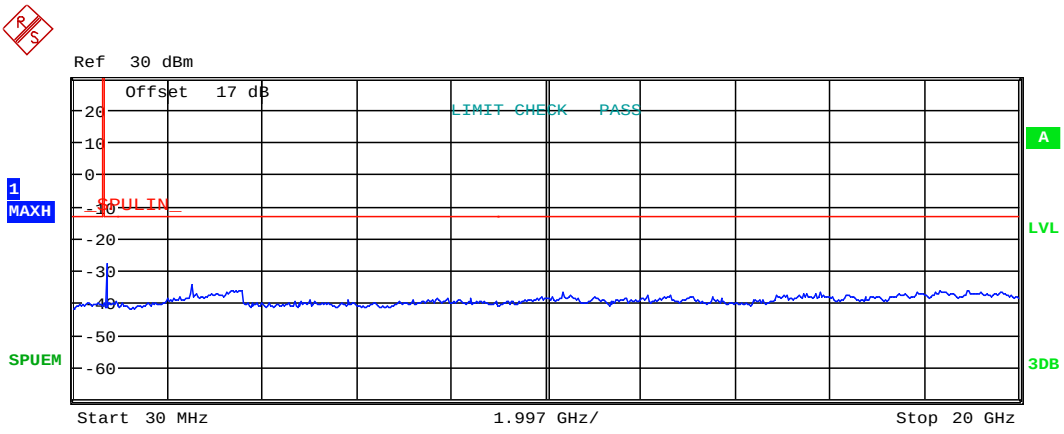
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	493.672400 M	-39.29	-26.29
726.000 M	1.000 G	1.00 M	737.316200 M	-28.32	-15.32
1.000 G	9.000 G	1.00 M	3.546400 G	-35.58	-22.58
9.000 G	20.000 G	1.00 M	18.447900 G	-35.62	-22.62

CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 3MHZ CH23095

Date: 3.MAY.2019 16:40:16

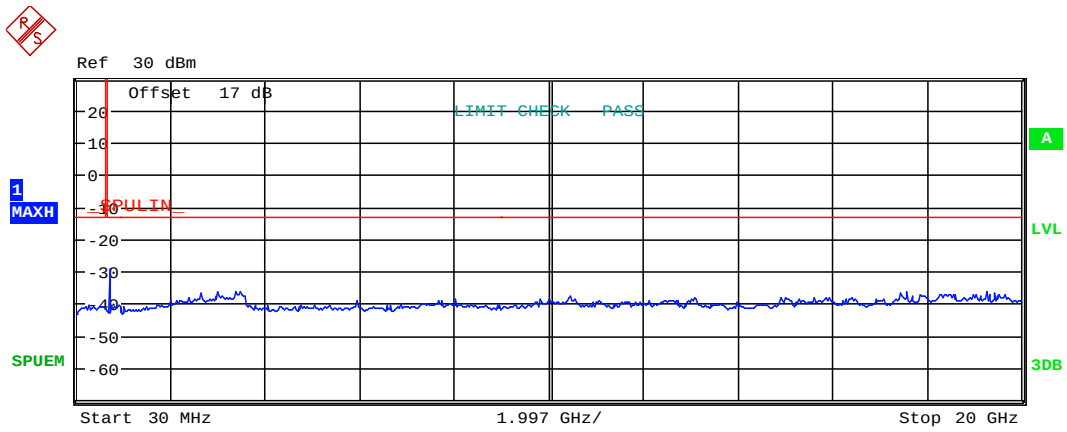


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	533.410100 M	-40.20	-27.20
726.000 M	1.000 G	1.00 M	726.849400 M	-27.79	-14.79
1.000 G	9.000 G	1.00 M	2.531200 G	-34.74	-21.74
9.000 G	20.000 G	1.00 M	18.947300 G	-36.38	-23.38

CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 3MHZ CH23165

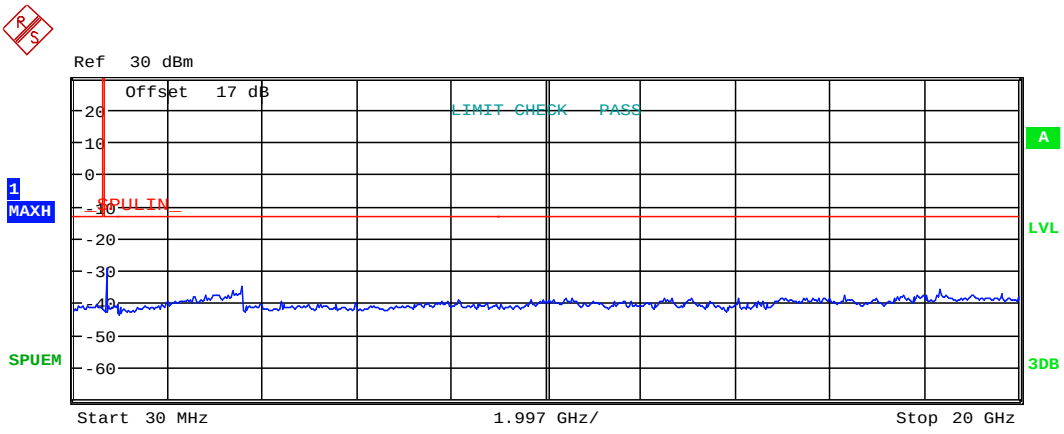
Date: 3.MAY.2019 16:44:23

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	297.949400 M	-40.88	-27.88
726.000 M	1.000 G	1.00 M	731.069000 M	-29.23	-16.23
1.000 G	9.000 G	1.00 M	2.995200 G	-36.24	-23.24
9.000 G	20.000 G	1.00 M	17.578900 G	-36.44	-23.44

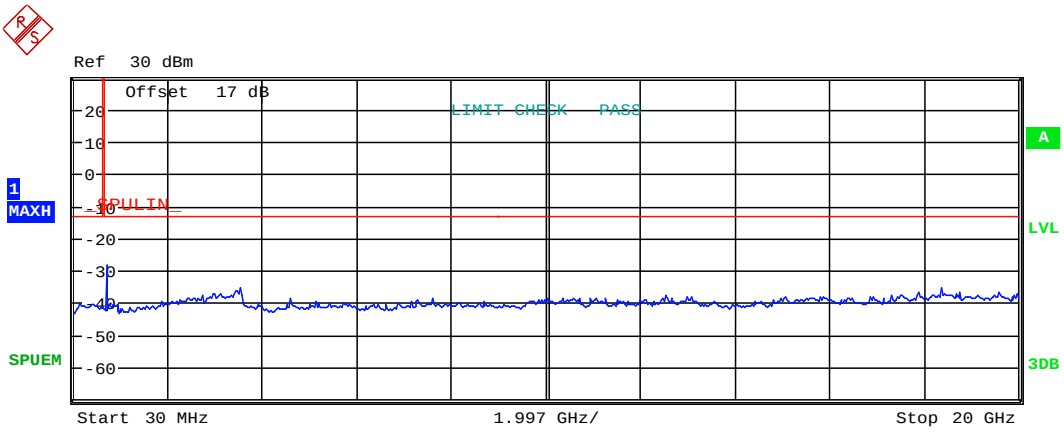
CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 5MHZ CH23035
Date: 3.MAY.2019 16:45:43



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	498.549000 M	-40.71	-27.71
726.000 M	1.000 G	1.00 M	738.247800 M	-29.48	-16.48
1.000 G	9.000 G	1.00 M	3.588800 G	-34.94	-21.94
9.000 G	20.000 G	1.00 M	18.321400 G	-36.15	-23.15

CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 5MHZ CH23095

Date: 3.MAY.2019 16:47:25

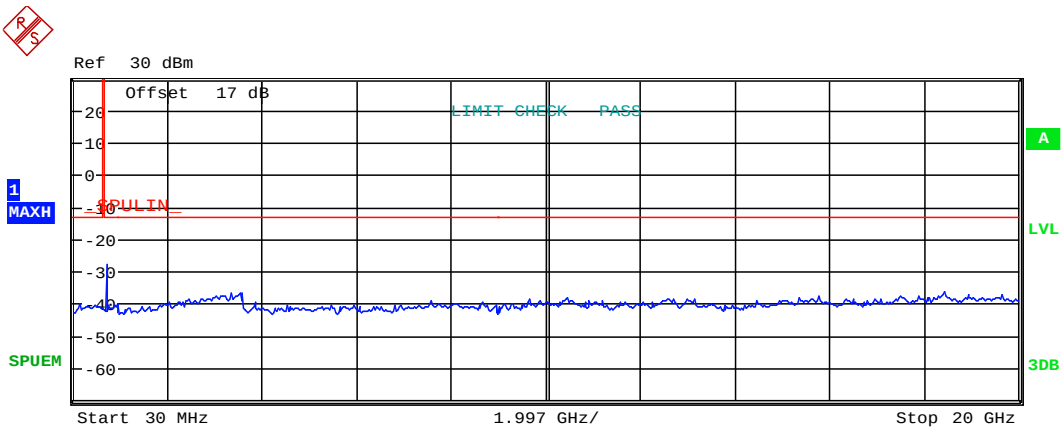


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	142.161800 M	-40.32	-27.32
726.000 M	1.000 G	1.00 M	741.974200 M	-28.49	-15.49
1.000 G	9.000 G	1.00 M	3.539200 G	-35.44	-22.44
9.000 G	20.000 G	1.00 M	18.380800 G	-35.69	-22.69

CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 5MHZ CH23155

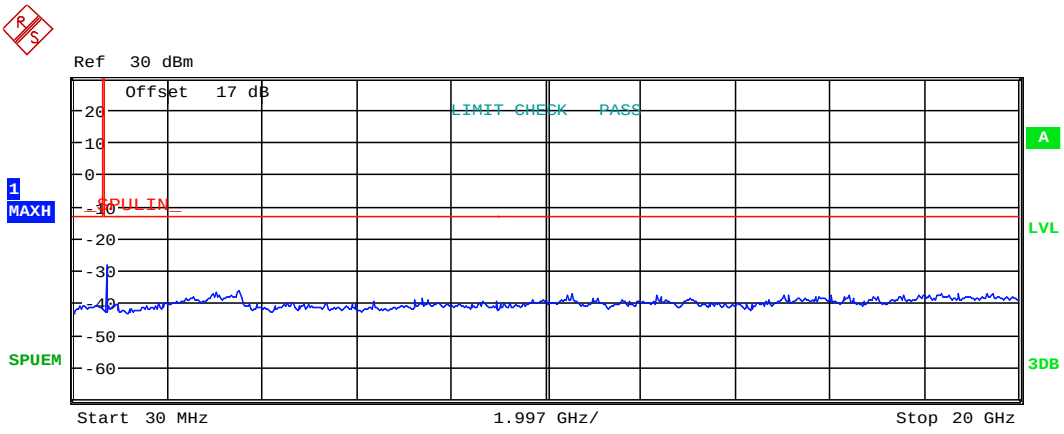
Date: 3.MAY.2019 16:47:55

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	155.407700 M	-40.15	-27.15
726.000 M	1.000 G	1.00 M	736.905200 M	-28.10	-15.10
1.000 G	9.000 G	1.00 M	3.350400 G	-36.90	-23.90
9.000 G	20.000 G	1.00 M	18.422600 G	-36.44	-23.44

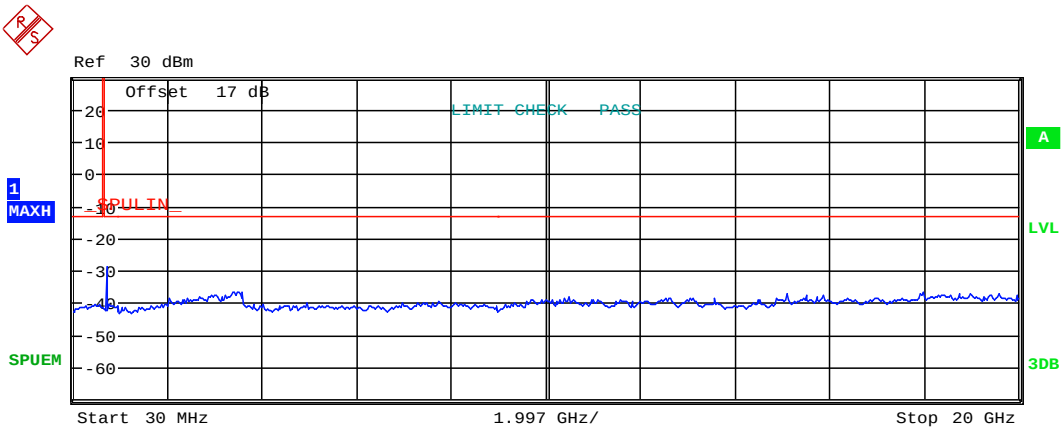
CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 10MHZ CH23060
Date: 3.MAY.2019 16:49:58



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	486.028000 M	-40.98	-27.98
726.000 M	1.000 G	1.00 M	740.768600 M	-28.63	-15.63
1.000 G	9.000 G	1.00 M	3.506400 G	-36.49	-23.49
9.000 G	20.000 G	1.00 M	19.448900 G	-37.22	-24.22

CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 10MHZ CH23095

Date: 3.MAY.2019 16:50:22

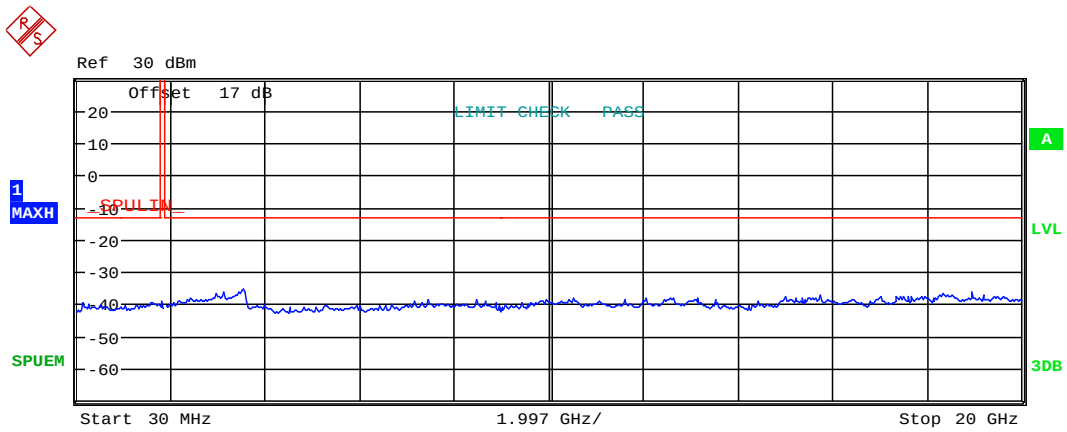


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	478.449500 M	-40.51	-27.51
726.000 M	1.000 G	1.00 M	744.714200 M	-28.75	-15.75
1.000 G	9.000 G	1.00 M	3.492000 G	-36.67	-23.67
9.000 G	20.000 G	1.00 M	17.984800 G	-36.85	-23.85

CONDUCTED SPURIOUS EMISSION BAND12 16QAM 1RB 10MHZ CH23130

Date: 3.MAY.2019 16:51:55

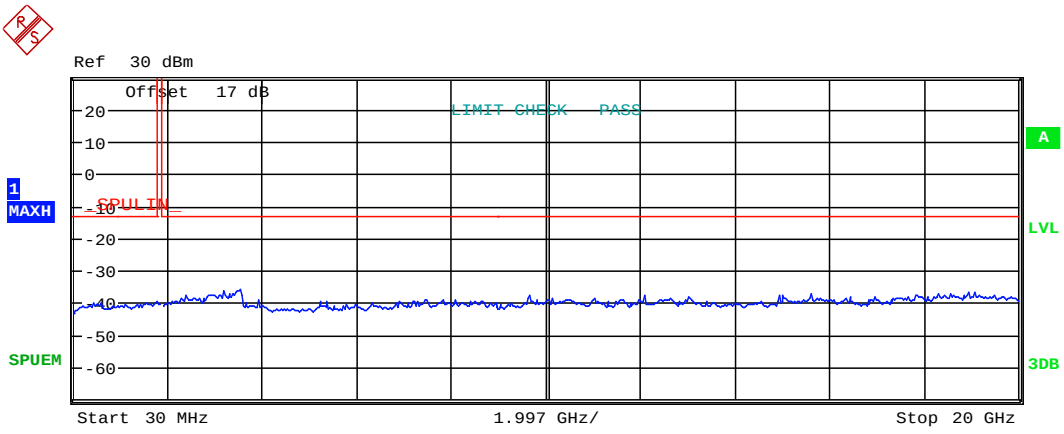
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Cat NB1
Band II
3.75kHz
1RB



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	171.232000 M	-39.80	-26.80
1.000 G	1.840 G	1.00 M	1.830172 G	-39.47	-26.47
1.920 G	9.000 G	1.00 M	3.544860 G	-35.69	-22.69
9.000 G	20.000 G	1.00 M	18.928600 G	-36.54	-23.54

CONDUCTED SPURIOUS EMISSION BAND2 3.75KHz 1RB CH18601

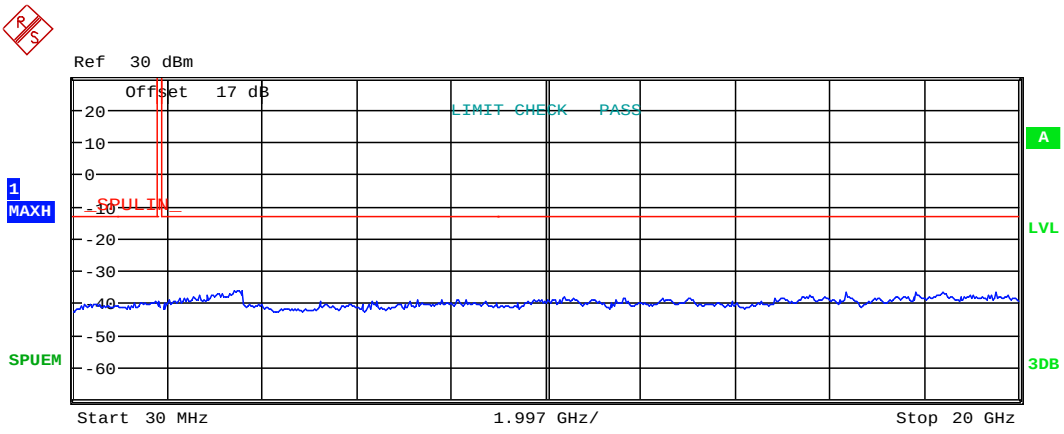
Date: 3.MAY.2019 18:26:08



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	609.963000 M	-40.06	-27.06
1.000 G	1.840 G	1.00 M	1.775236 G	-39.82	-26.82
1.920 G	9.000 G	1.00 M	3.559728 G	-36.04	-23.04
9.000 G	20.000 G	1.00 M	18.956100 G	-36.76	-23.76

CONDUCTED SPURIOUS EMISSION BAND2 3.75KHz 1RB CH18900

Date: 3.MAY.2019 18:28:16

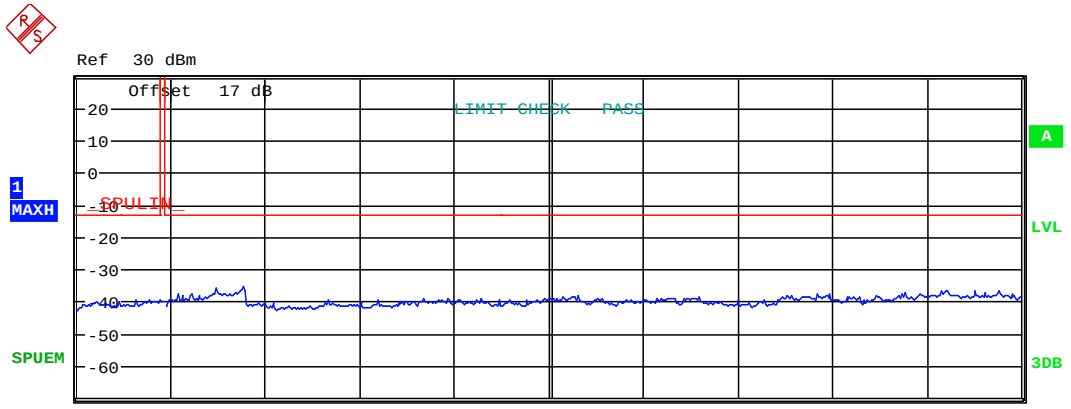


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	369.500000 M	-40.48	-27.48
1.000 G	1.840 G	1.00 M	1.813624 G	-39.60	-26.60
1.920 G	9.000 G	1.00 M	3.408924 G	-36.40	-23.40
9.000 G	20.000 G	1.00 M	18.406100 G	-36.72	-23.72

CONDUCTED SPURIOUS EMISSION BAND2 3.75KHz 1RB CH19199

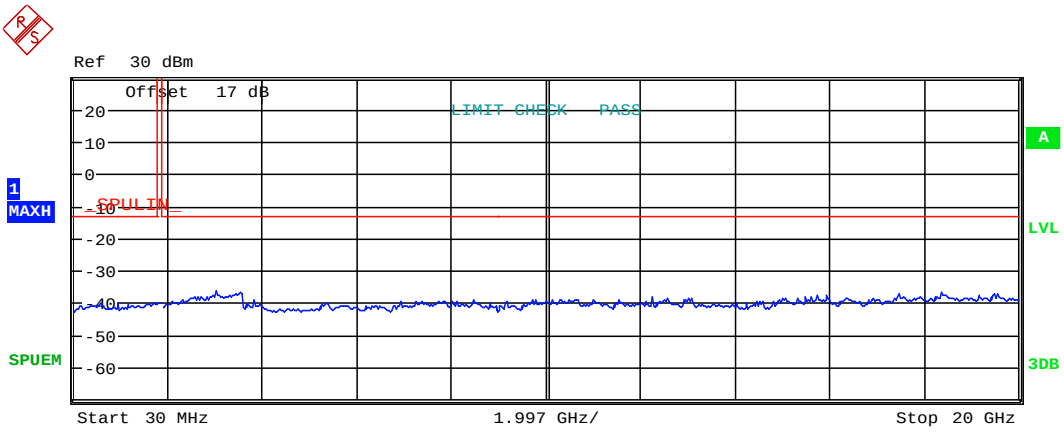
Date: 3.MAY.2019 18:29:44

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
1RB



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	929.675000 M	-40.07	-27.07
1.000 G	1.840 G	1.00 M	1.799512 G	-39.49	-26.49
1.920 G	9.000 G	1.00 M	3.561144 G	-35.35	-22.35
9.000 G	20.000 G	1.00 M	18.439100 G	-36.77	-23.77

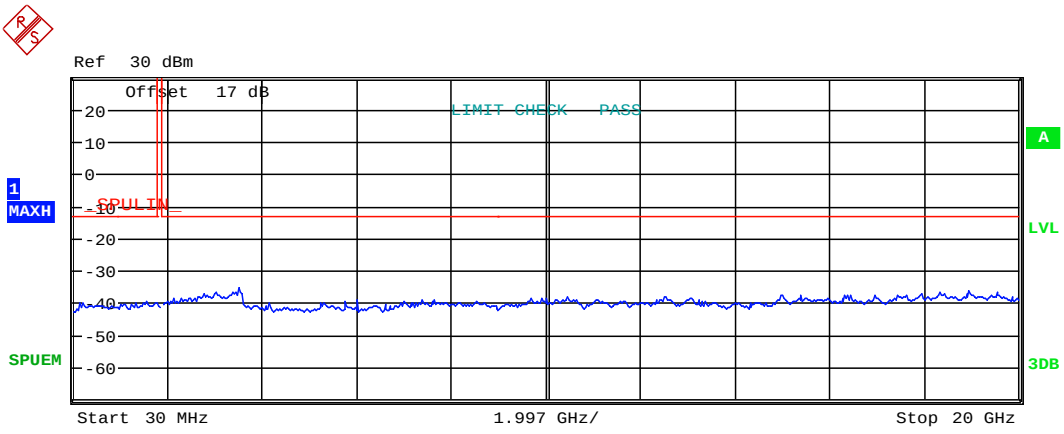
CONDUCTED SPURIOUS EMISSION BAND2 15KHz 1RB CH18601
Date: 3.MAY.2019 18:34:48



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	984.383000 M	-40.23	-27.23
1.000 G	1.840 G	1.00 M	1.736680 G	-39.99	-26.99
1.920 G	9.000 G	1.00 M	3.049968 G	-36.61	-23.61
9.000 G	20.000 G	1.00 M	18.373100 G	-36.97	-23.97

CONDUCTED SPURIOUS EMISSION BAND2 15KHz 1RB CH18900

Date: 3.MAY.2019 18:33:13

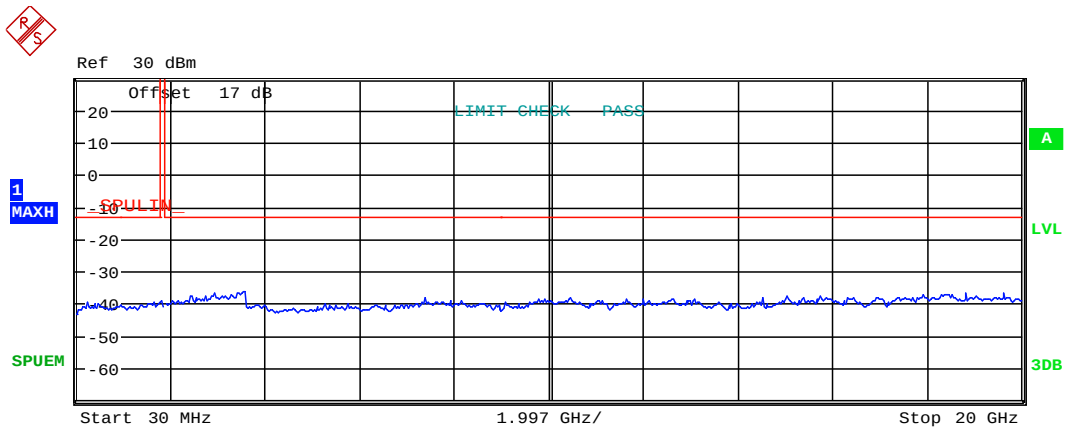


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	220.023000 M	-40.05	-27.05
1.000 G	1.840 G	1.00 M	1.558768 G	-39.73	-26.73
1.920 G	9.000 G	1.00 M	3.524328 G	-35.49	-22.49
9.000 G	20.000 G	1.00 M	18.940700 G	-36.24	-23.24

CONDUCTED SPURIOUS EMISSION BAND2 15KHz 1RB CH19199

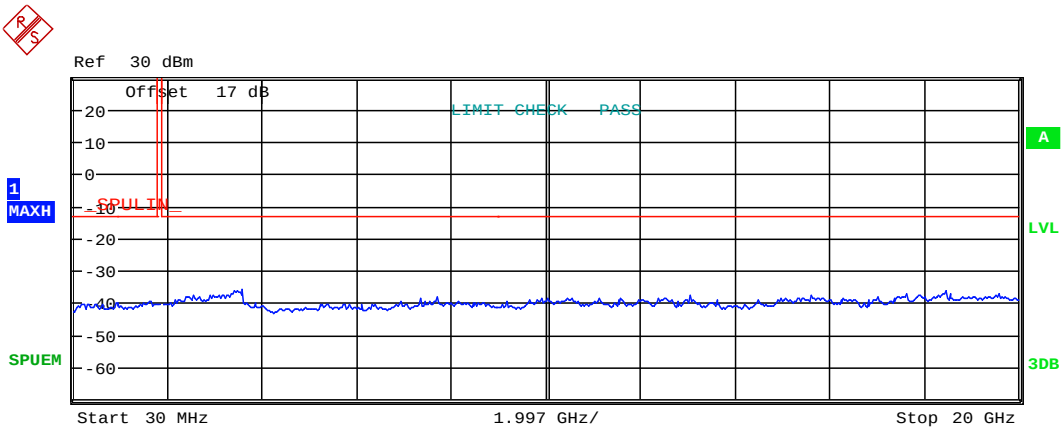
Date: 3.MAY.2019 18:32:07

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3RB



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	239.229000 M	-39.93	-26.93
1.000 G	1.840 G	1.00 M	1.825804 G	-39.41	-26.41
1.920 G	9.000 G	1.00 M	3.563976 G	-36.28	-23.28
9.000 G	20.000 G	1.00 M	19.600700 G	-37.03	-24.03

CONDUCTED SPURIOUS EMISSION BAND2 15KHz 3RB CH18601
Date: 3.MAY.2019 18:35:17

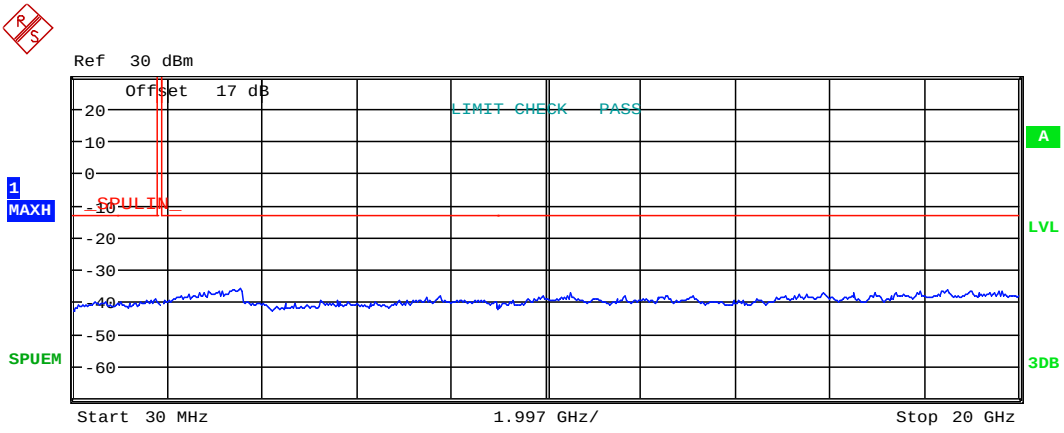


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	918.423000 M	-40.00	-27.00
1.000 G	1.840 G	1.00 M	1.651336 G	-39.78	-26.78
1.920 G	9.000 G	1.00 M	3.574596 G	-36.14	-23.14
9.000 G	20.000 G	1.00 M	18.468800 G	-36.35	-23.35

CONDUCTED SPURIOUS EMISSION BAND2 15KHz 3RB CH18900

Date: 3.MAY.2019 18:36:09

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT

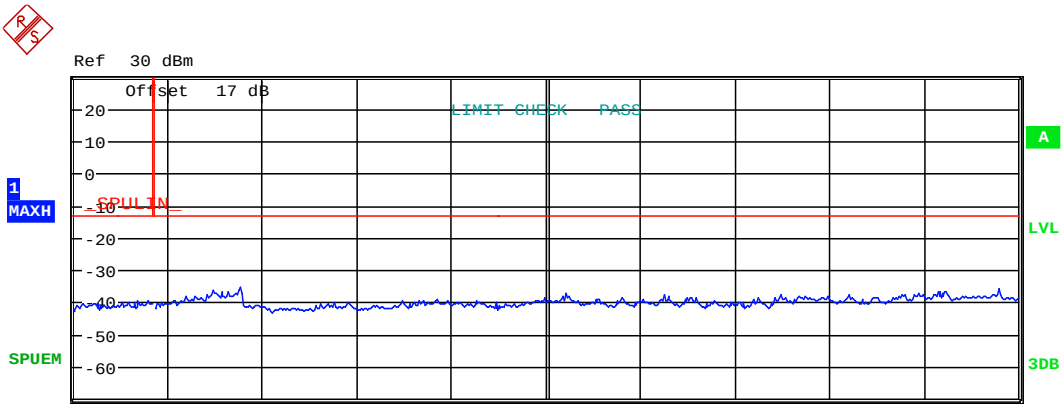


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	693.092000 M	-40.06	-27.06
1.000 G	1.840 G	1.00 M	1.766752 G	-39.43	-26.43
1.920 G	9.000 G	1.00 M	3.564684 G	-36.03	-23.03
9.000 G	20.000 G	1.00 M	18.507300 G	-36.66	-23.66

CONDUCTED SPURIOUS EMISSION BAND2 15KHz 3RB CH19199

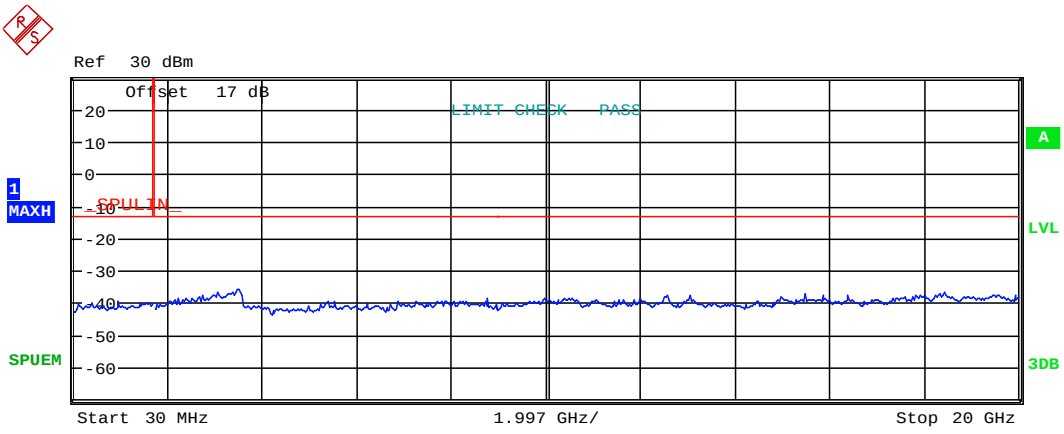
Date: 3.MAY.2019 18:37:25

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band IV
3.75kHz
1RB



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	443.996000 M	-40.45	-27.45
1.000 G	1.700 G	1.00 M	1.592620 G	-39.73	-26.73
1.765 G	9.000 G	1.00 M	3.552045 G	-35.36	-22.36
9.000 G	20.000 G	1.00 M	19.575400 G	-36.17	-23.17

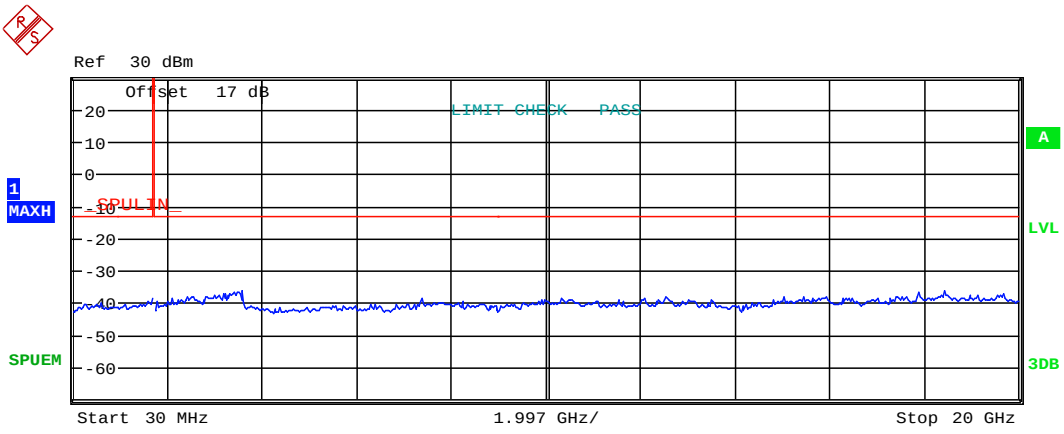
CONDUCTED SPURIOUS EMISSION BAND4 3.75KHz 1RB CH19951
Date: 3.MAY.2019 17:47:50



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	964.013000 M	-39.86	-26.86
1.000 G	1.700 G	1.00 M	1.563010 G	-40.23	-27.23
1.765 G	9.000 G	1.00 M	3.501400 G	-35.99	-22.99
9.000 G	20.000 G	1.00 M	18.418200 G	-36.67	-23.67

CONDUCTED SPURIOUS EMISSION BAND4 3.75KHz 1RB CH20175

Date: 3.MAY.2019 17:53:28

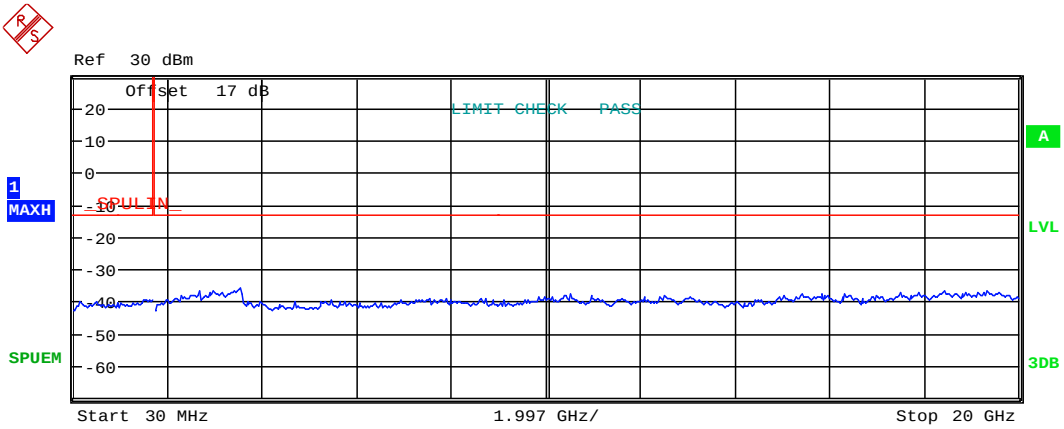


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	600.554000 M	-40.15	-27.15
1.000 G	1.700 G	1.00 M	1.679070 G	-39.01	-26.01
1.765 G	9.000 G	1.00 M	3.583156 G	-36.47	-23.47
9.000 G	20.000 G	1.00 M	18.425900 G	-36.43	-23.43

CONDUCTED SPURIOUS EMISSION BAND4 3.75KHz 1RB CH20399

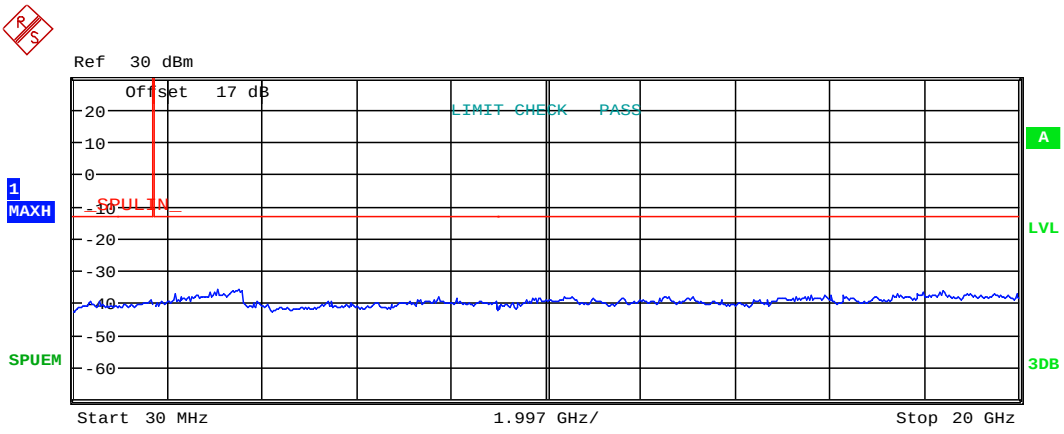
Date: 3.MAY.2019 17:56:21

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
1RB



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	172.299000 M	-40.19	-27.19
1.000 G	1.700 G	1.00 M	1.573020 G	-39.74	-26.74
1.765 G	9.000 G	1.00 M	3.561450 G	-35.95	-22.95
9.000 G	20.000 G	1.00 M	18.432500 G	-36.72	-23.72

CONDUCTED SPURIOUS EMISSION BAND4 15KHz 1RB CH19951
Date: 3.MAY.2019 17:37:06

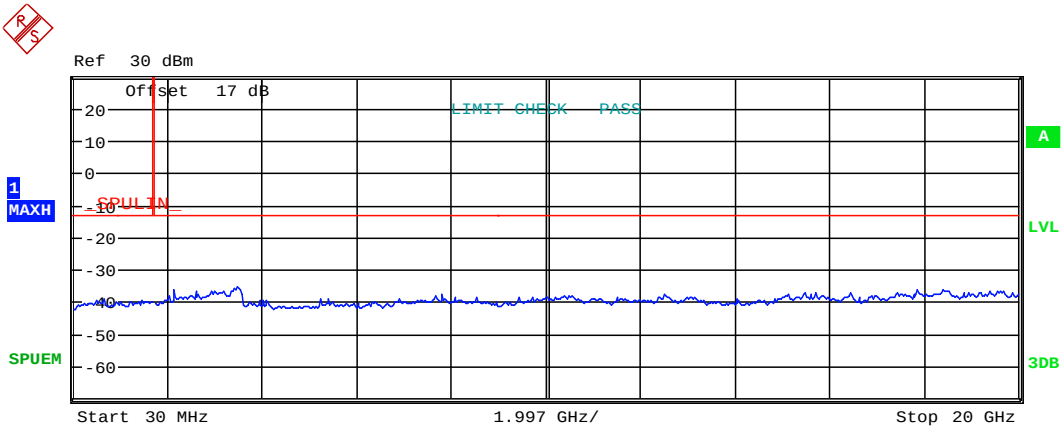


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	376.872000 M	-39.74	-26.74
1.000 G	1.700 G	1.00 M	1.660520 G	-39.20	-26.20
1.765 G	9.000 G	1.00 M	3.516593 G	-35.88	-22.88
9.000 G	20.000 G	1.00 M	18.413800 G	-36.53	-23.53

CONDUCTED SPURIOUS EMISSION BAND4 15KHz 1RB CH20175

Date: 3.MAY.2019 17:35:55

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT

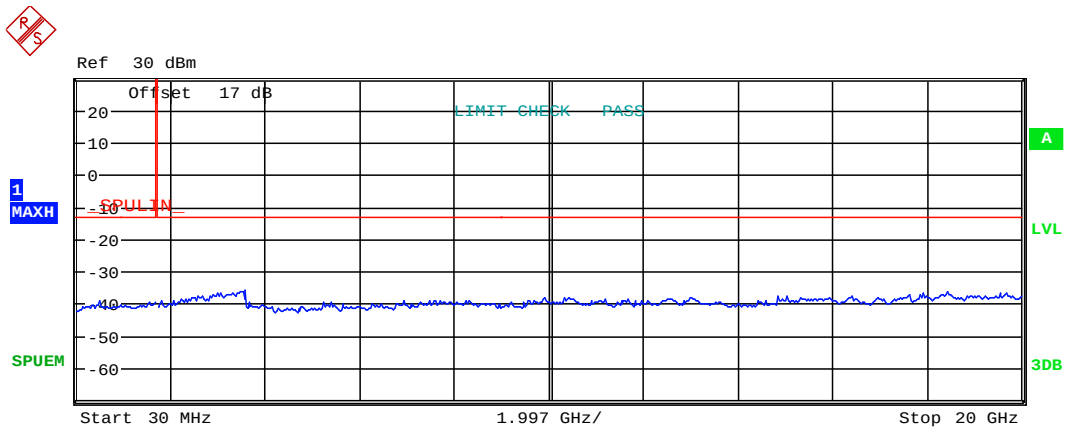


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	674.953000 M	-39.41	-26.41
1.000 G	1.700 G	1.00 M	1.472500 G	-39.86	-26.86
1.765 G	9.000 G	1.00 M	3.476801 G	-35.62	-22.62
9.000 G	20.000 G	1.00 M	17.852800 G	-36.60	-23.60

CONDUCTED SPURIOUS EMISSION BAND4 15KHz 1RB CH20399

Date: 3.MAY.2019 17:32:17

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3RB

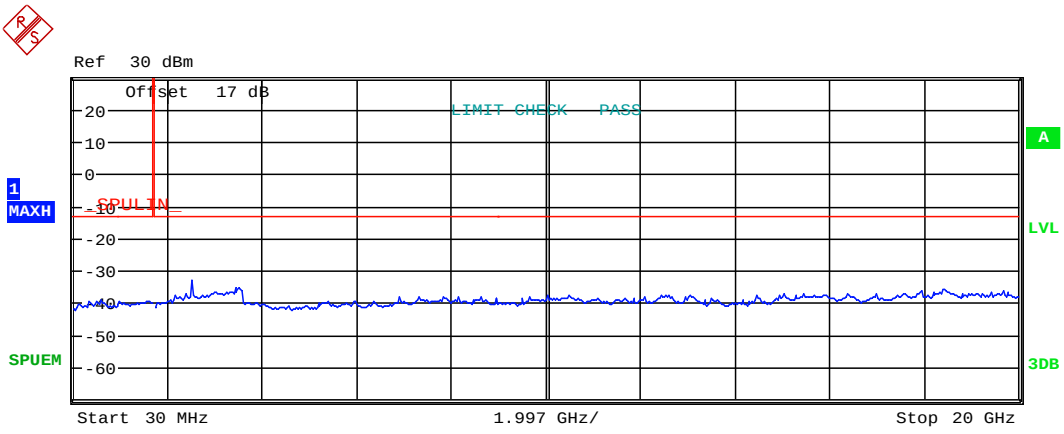


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	517.522000 M	-39.46	-26.46
1.000 G	1.700 G	1.00 M	1.562870 G	-39.71	-26.71
1.765 G	9.000 G	1.00 M	3.596902 G	-36.18	-23.18
9.000 G	20.000 G	1.00 M	18.438000 G	-36.46	-23.46

CONDUCTED SPURIOUS EMISSION BAND4 15KHz 3RB CH19951

Date: 3.MAY.2019 17:23:29

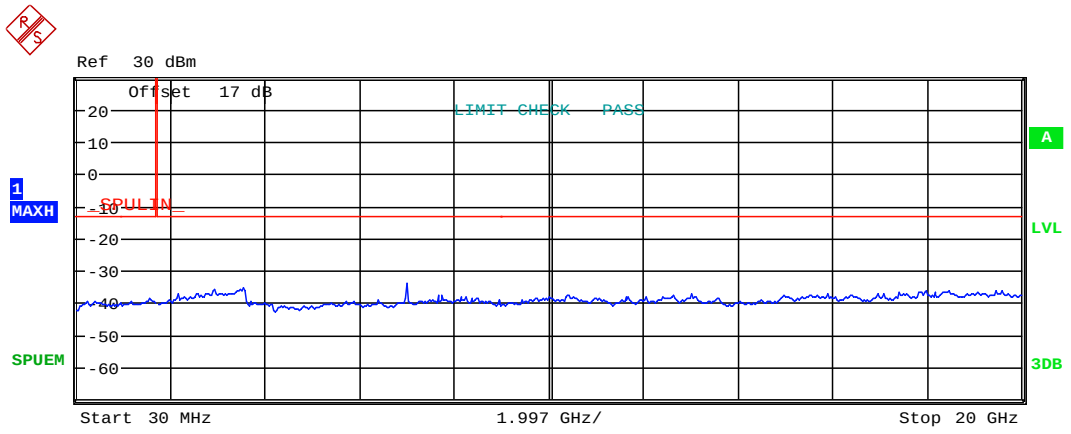
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	591.727000 M	-39.44	-26.44
1.000 G	1.700 G	1.00 M	1.607670 G	-39.69	-26.69
1.765 G	9.000 G	1.00 M	2.521781 G	-33.07	-20.07
9.000 G	20.000 G	1.00 M	18.425900 G	-35.96	-22.96

CONDUCTED SPURIOUS EMISSION BAND4 15KHz 3RB CH20175

Date: 3.MAY.2019 17:27:27

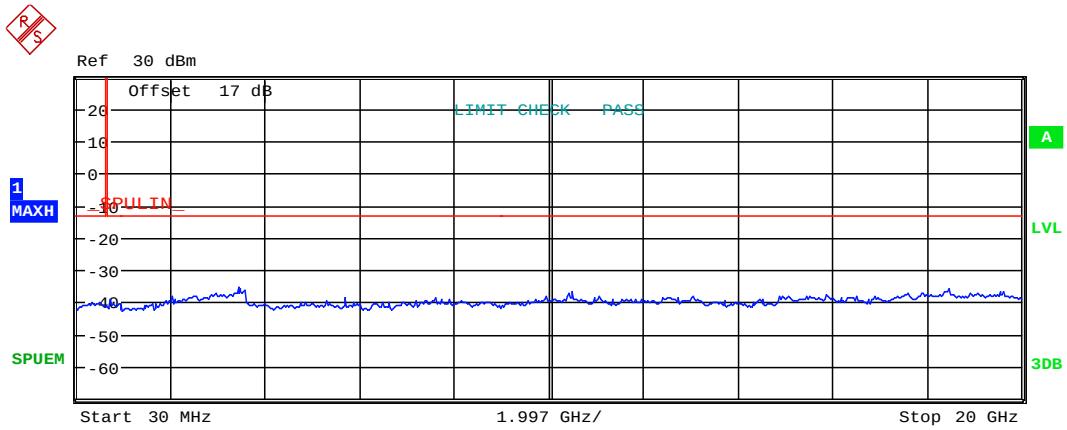


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	1.000 G	1.00 M	252.227000 M	-39.67	-26.67
1.000 G	1.700 G	1.00 M	1.560210 G	-38.95	-25.95
1.765 G	9.000 G	1.00 M	7.019781 G	-34.03	-21.03
9.000 G	20.000 G	1.00 M	19.576500 G	-36.43	-23.43

CONDUCTED SPURIOUS EMISSION BAND4 15KHz 3RB CH20399

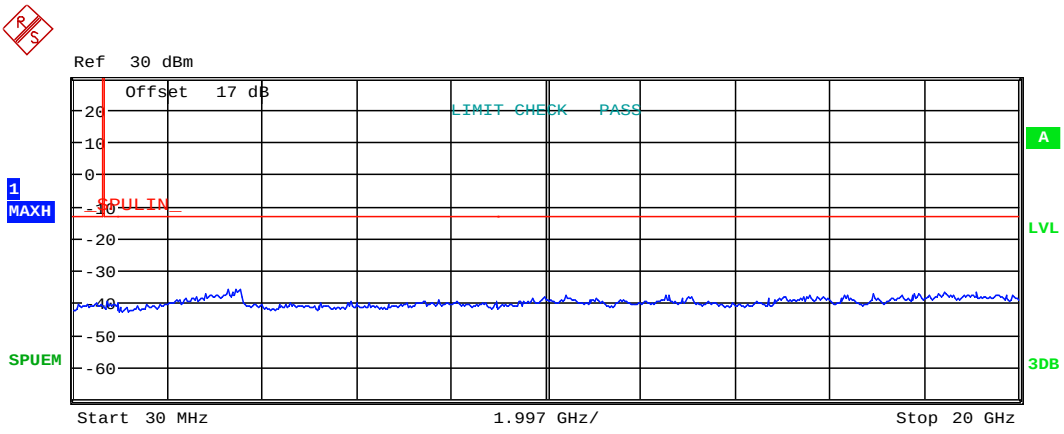
Date: 3.MAY.2019 17:31:05

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band XII
3.75kHz
1RB



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	525.568000 M	-40.33	-27.33
726.000 M	1.000 G	1.00 M	728.959200 M	-39.32	-26.32
1.000 G	9.000 G	1.00 M	3.440000 G	-35.51	-22.51
9.000 G	20.000 G	1.00 M	18.449000 G	-35.91	-22.91

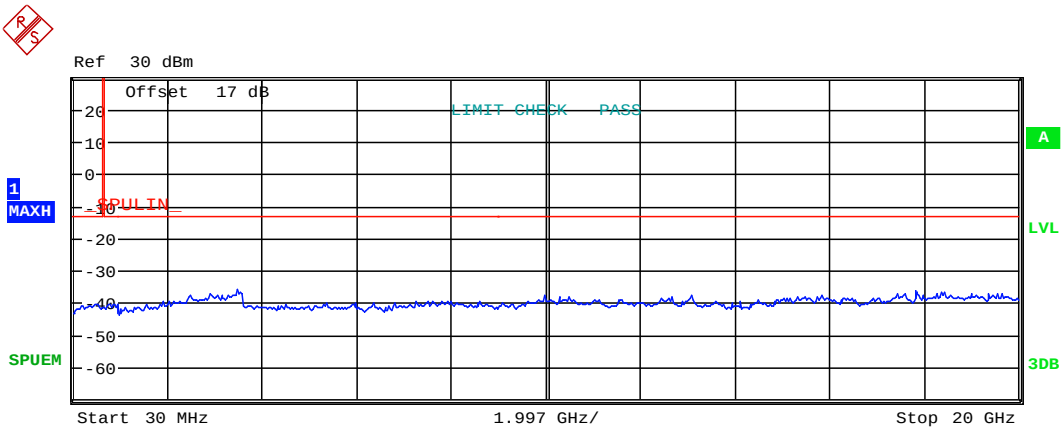
CONDUCTED SPURIOUS EMISSION BAND12 3.75KHz 1RB CH23130
Date: 3.MAY.2019 17:05:25



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	499.076200 M	-40.18	-27.18
726.000 M	1.000 G	1.00 M	737.453200 M	-39.55	-26.55
1.000 G	9.000 G	1.00 M	3.443200 G	-35.99	-22.99
9.000 G	20.000 G	1.00 M	18.442400 G	-36.70	-23.70

CONDUCTED SPURIOUS EMISSION BAND12 3.75KHz 1RB CH23095

Date: 3.MAY.2019 17:07:37

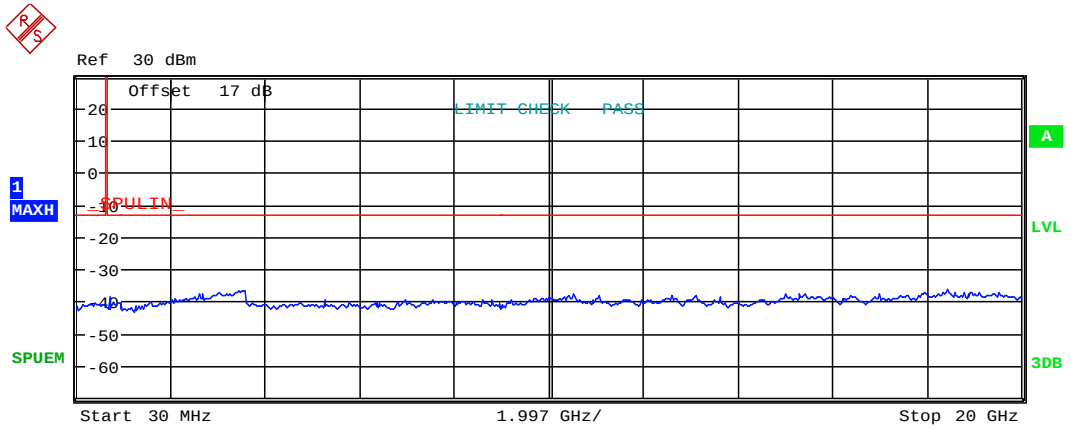


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	473.441100 M	-40.63	-27.63
726.000 M	1.000 G	1.00 M	796.089200 M	-40.58	-27.58
1.000 G	9.000 G	1.00 M	3.486400 G	-36.08	-23.08
9.000 G	20.000 G	1.00 M	17.830800 G	-36.47	-23.47

CONDUCTED SPURIOUS EMISSION BAND12 3.75KHz 1RB CH23179

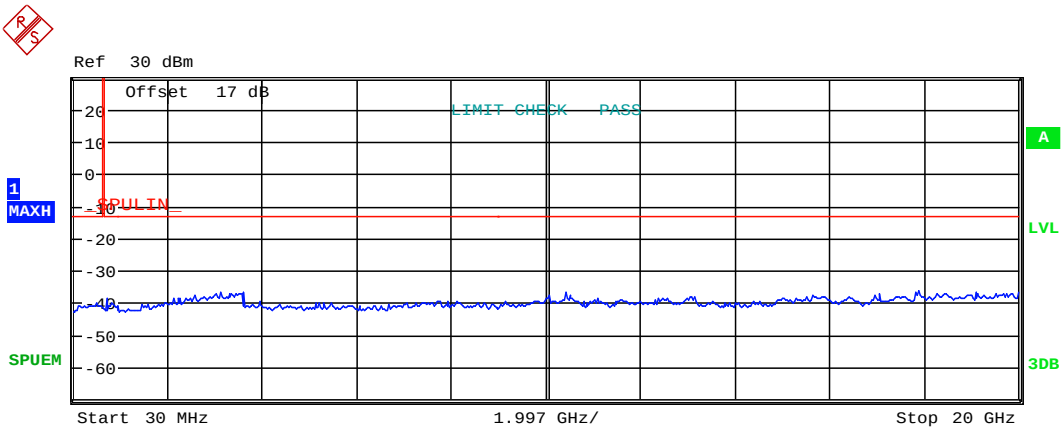
Date: 3.MAY.2019 17:08:52

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15kHz
1RB



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	412.483600 M	-40.69	-27.69
726.000 M	1.000 G	1.00 M	729.315400 M	-38.70	-25.70
1.000 G	9.000 G	1.00 M	3.508800 G	-37.01	-24.01
9.000 G	20.000 G	1.00 M	18.418200 G	-36.55	-23.55

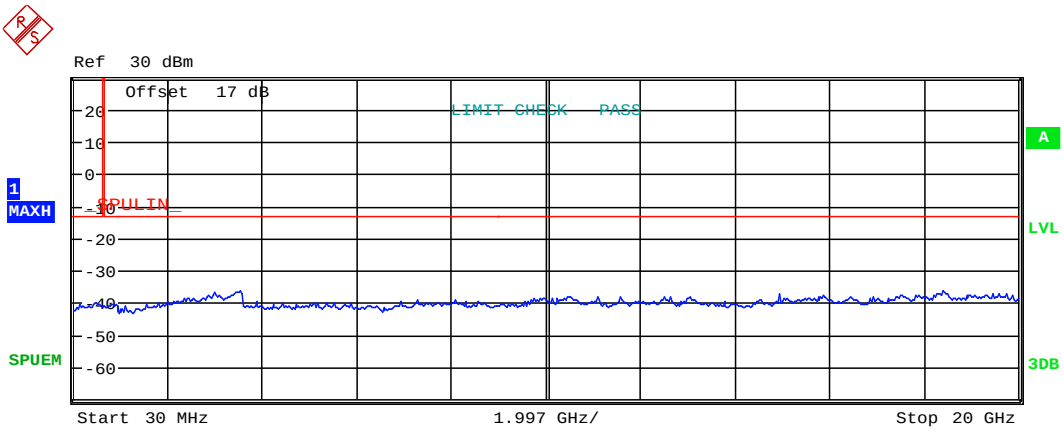
CONDUCTED SPURIOUS EMISSION BAND12 15KHz 1RB CH23011
Date: 3.MAY.2019 17:15:23



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	523.195600 M	-39.96	-26.96
726.000 M	1.000 G	1.00 M	737.151800 M	-38.63	-25.63
1.000 G	9.000 G	1.00 M	3.599200 G	-37.05	-24.05
9.000 G	20.000 G	1.00 M	17.874800 G	-36.35	-23.35

CONDUCTED SPURIOUS EMISSION BAND12 15KHz 1RB CH23095

Date: 3.MAY.2019 17:13:48

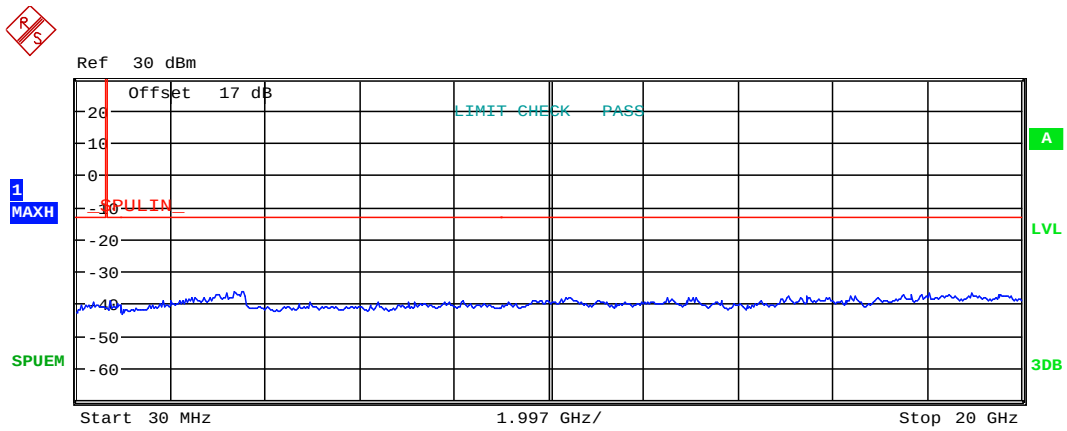


Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	493.672400 M	-40.38	-27.38
726.000 M	1.000 G	1.00 M	835.901400 M	-40.62	-27.62
1.000 G	9.000 G	1.00 M	3.556800 G	-36.63	-23.63
9.000 G	20.000 G	1.00 M	18.413800 G	-36.67	-23.67

CONDUCTED SPURIOUS EMISSION BAND12 15KHz 1RB CH23179

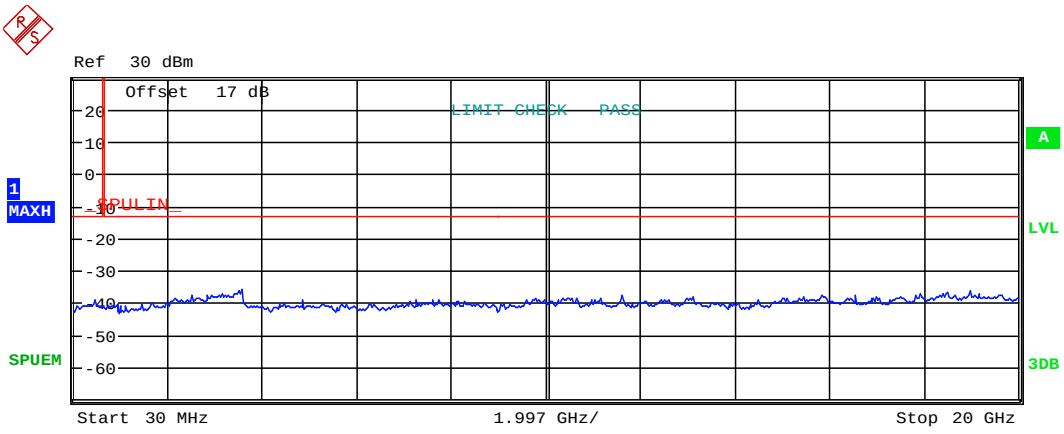
Date: 3.MAY.2019 17:12:49

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3RB



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	383.158100 M	-39.54	-26.54
726.000 M	1.000 G	1.00 M	729.425000 M	-39.32	-26.32
1.000 G	9.000 G	1.00 M	3.358400 G	-36.24	-23.24
9.000 G	20.000 G	1.00 M	18.951700 G	-36.89	-23.89

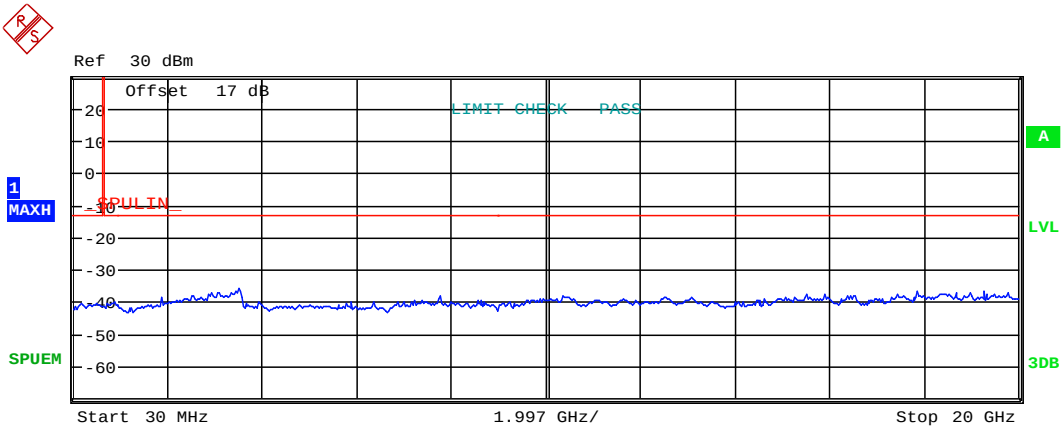
CONDUCTED SPURIOUS EMISSION BAND12 15KHz 3RB CH23011
Date: 3.MAY.2019 17:17:31



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	477.988200 M	-39.31	-26.31
726.000 M	1.000 G	1.00 M	981.669400 M	-40.78	-27.78
1.000 G	9.000 G	1.00 M	3.592800 G	-36.08	-23.08
9.000 G	20.000 G	1.00 M	18.959400 G	-36.35	-23.35

CONDUCTED SPURIOUS EMISSION BAND12 15KHz 3RB CH23095

Date: 3.MAY.2019 17:18:31



Start [Hz]	Stop [Hz]	RBW [Hz]	Freq [Hz]	PwrAbs [dBm]	Δ Limit [dB]
30.000 M	689.000 M	1.00 M	506.061600 M	-40.47	-27.47
726.000 M	1.000 G	1.00 M	903.415000 M	-40.39	-27.39
1.000 G	9.000 G	1.00 M	3.512000 G	-36.07	-23.07
9.000 G	20.000 G	1.00 M	17.870400 G	-37.10	-24.10

CONDUCTED SPURIOUS EMISSION BAND12 15KHz 3RB CH23179

Date: 3.MAY.2019 17:19:56

Test equipment: ETSTW-RE 055, ETSTW-GSM 002, ETSTW-GSM 023, ETSTW-GSM 024

7.3 Explanation of test result

All factors like cable loss and external attenuation etc. are already included in the provided measurement results. This is done by using validated test software and calibrated test system according the accreditation requirements.

7.4 Calculation of Limit for Spurious at Antenna Terminals

Compliance with § 22.917, §24.238, §27.53 requires that any emission be attenuated below the transmitter power at least 43 + 10 log P (P = transmitter power in Watts).
Limit for Spurious Emissions at Antenna Terminals: L=P-A=-13dBm

8. Field Strength of Spurious Radiation

8.1 Test procedure

The test procedure for filed strength measurement is same as radiated power except for a notch filter or band pass filter is used to avoid the influence of fundamental to the pre-amplifier.
The measurements below 1GHz were performed with a measurement bandwidth of 100kHz, above 1GHz with a bandwidth of 1 MHz.

8.2 Test Results

The measurements of the spurious emission are at the upper, center and lower channel.

Model: YPZNLT Date:
Mode: - - Temperature: - - °C Engineer: - -
Polarization: Horizontal Humidity: - - %

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
- -	- -	- -	- -	- -	- -	- -	- -
- -	- -	- -	- -	- -	- -	- -	- -

Polarization: Vertical

Frequency (MHz)	Reading (dBm) Peak	Factor (dB) Corr.	Result (dBm)	Limit (dBm)	Margin (dB)	Table Degree (Deg.)	Ant. High (cm)
- -	- -	- -	- -	- -	- -	- -	- -
- -	- -	- -	- -	- -	- -	- -	- -

Note
1. **Correction Factor = Antenna factor + Cable loss - Preamplifier**
2. **The formula of measured value as: Test Result = Reading + Correction Factor**
3. **Detector function in the form: PK = Peak, QP = Quasi Peak, AV = Average**
4. **All not in the table noted test results are more than 20 dB below the relevant limits.**
5. **See attached diagrams in appendix.**

8.3 Explanation of test result

Result Level = Reading Level + Corrected Factor
Corrected Factor = SG level – Received level-Cable loss + substitution antenna gain

8.4 Calculation of Limit for Field Strength of Spurious

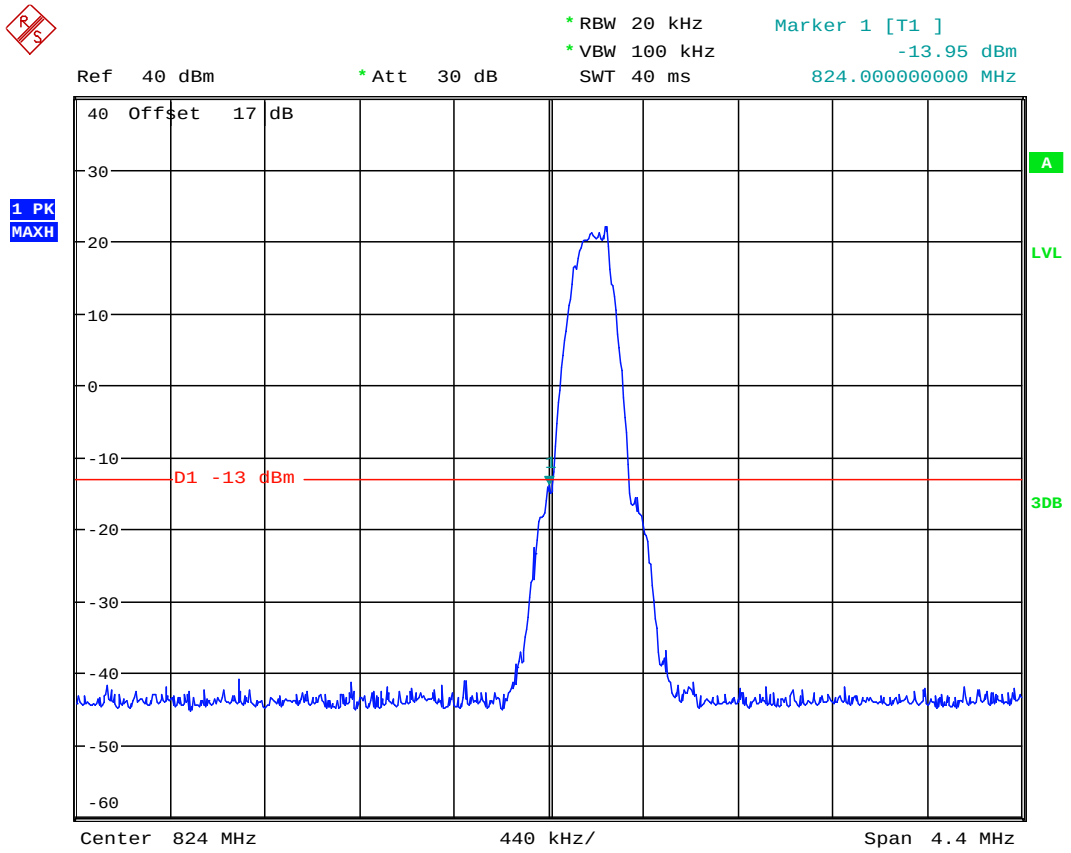
Compliance with § 22.917, § 24.238, § 27.53 requires that any emission be attenuated below the transmitter power at least 43 + 10 log P (P = transmitter power in Watts).
Limit for Spurious Emissions at Antenna Terminals: L=P-A=-13dBm

Test equipment: ETSTW-RE 004, ETSTW-RE 018, ETSTW-RE 030, ETSTW-RE 062, ETSTW-RE 142, ETSTW-RE 147, ETSTW-GSM 004

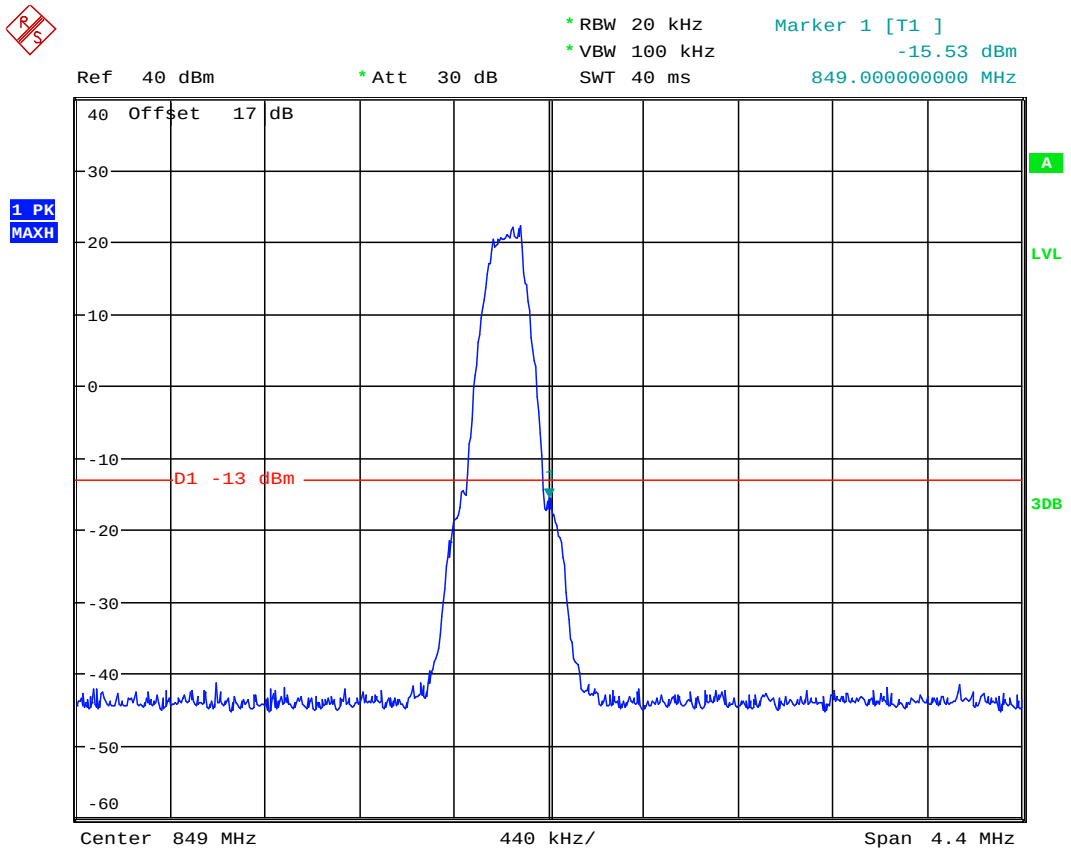
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT

8.5 Test result of band edge emissions

GSM
Band 850 MHz



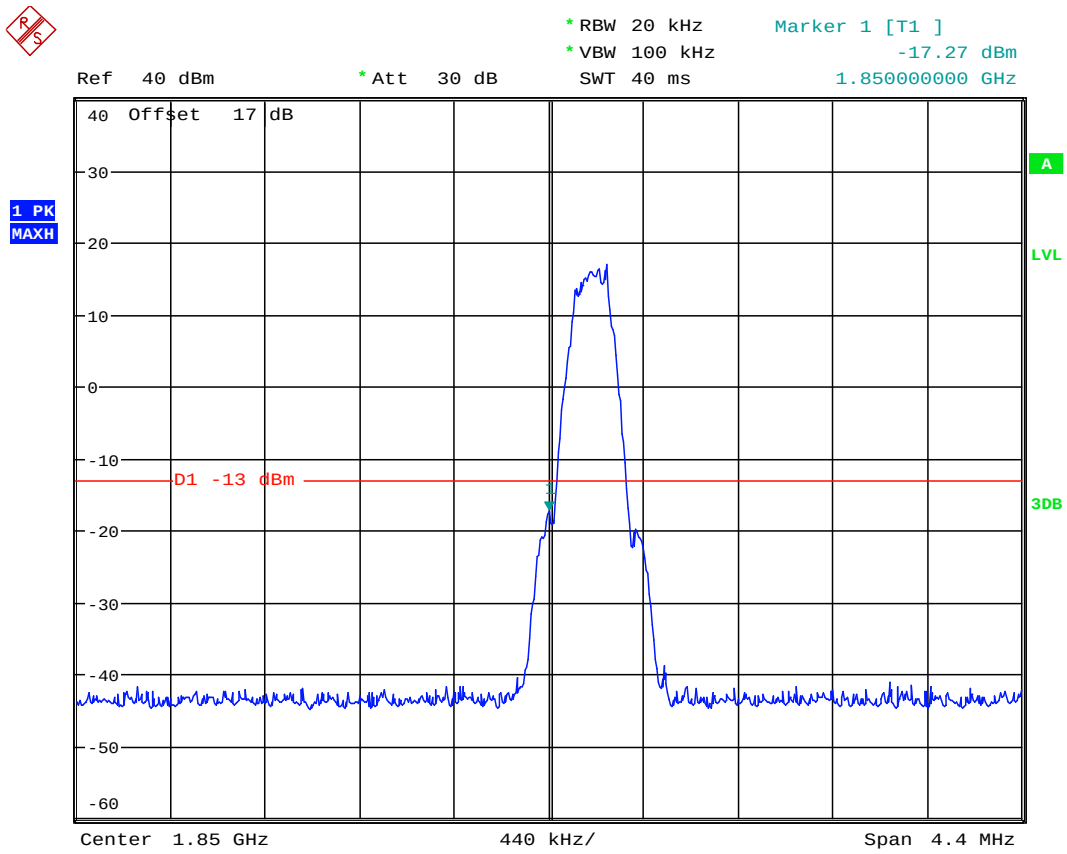
Bandedge CH128
Date: 6.MAY.2019 15:48:46



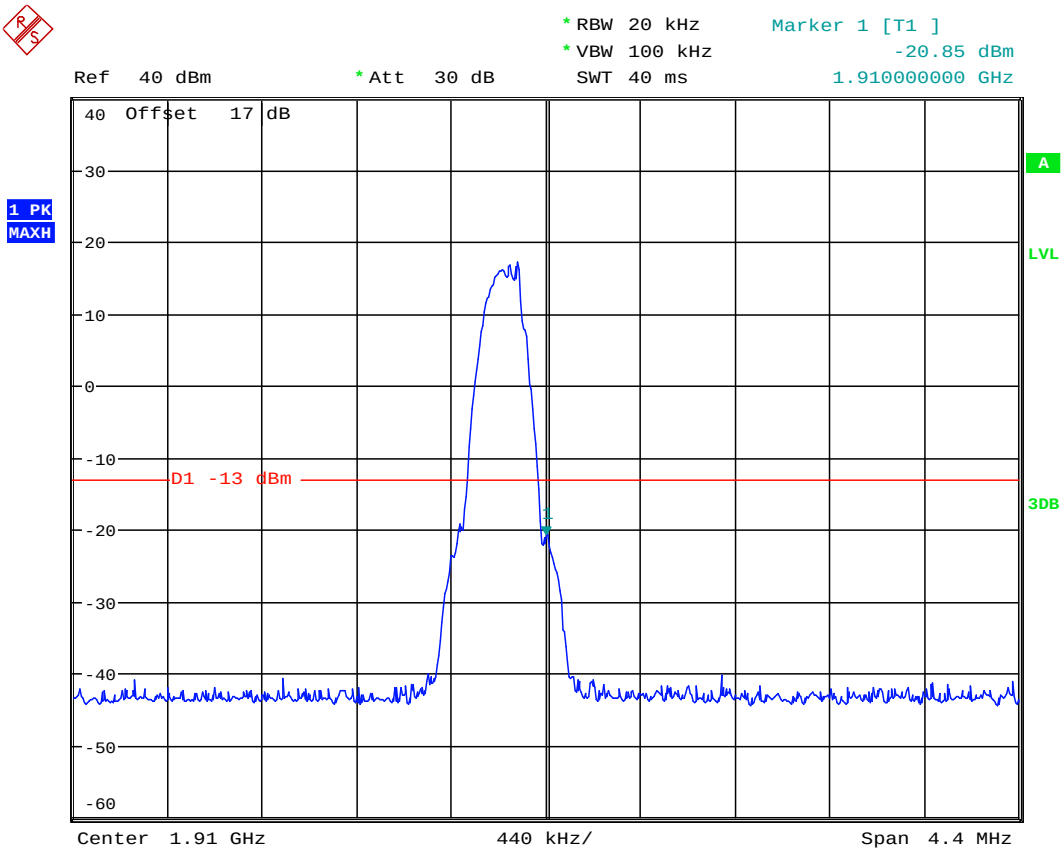
Bandedge CH251

Date: 6.MAY.2019 15:49:19

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band 1900 MHz



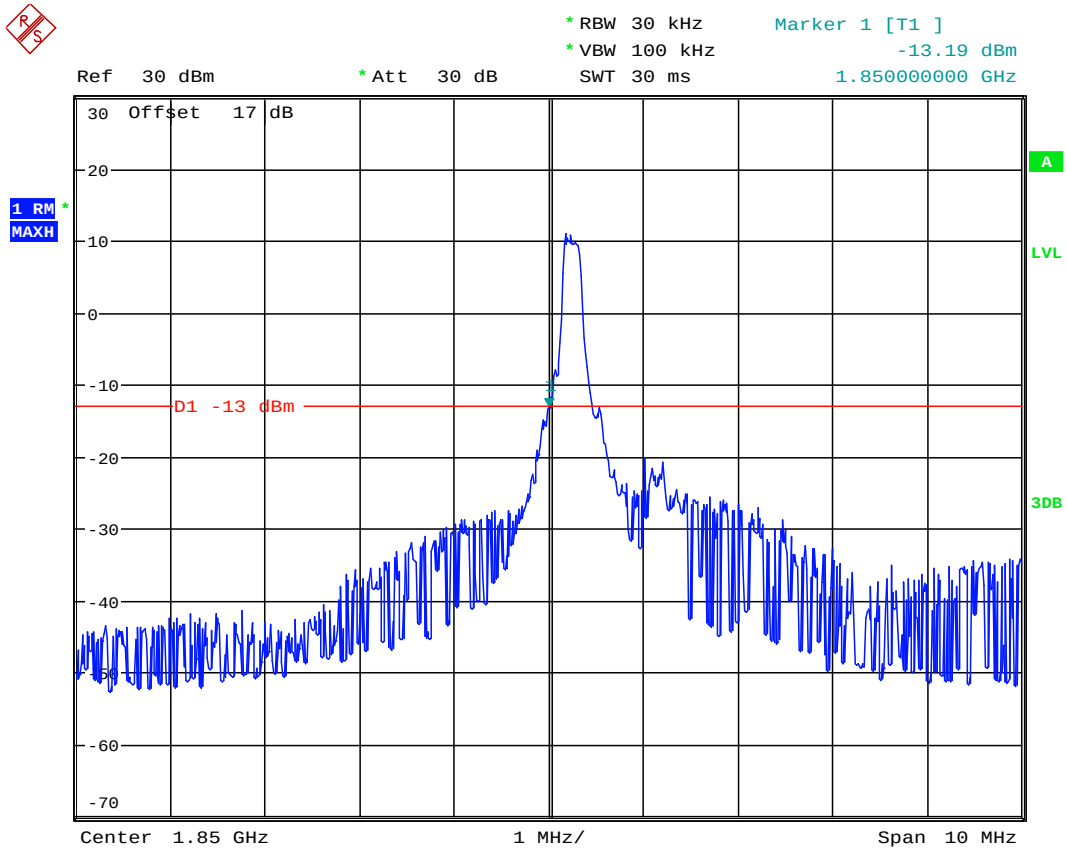
Bandedge CH512
Date: 6.MAY.2019 15:47:53



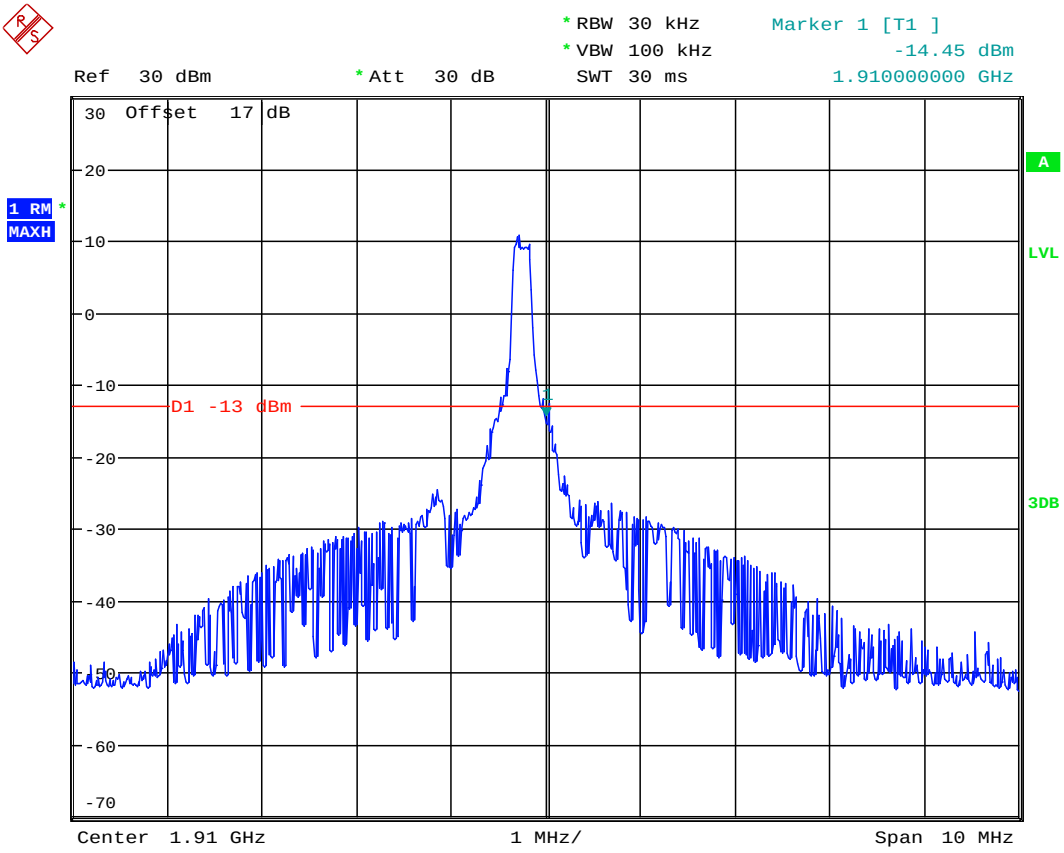
Bandedge CH810

Date: 6.MAY.2019 15:47:25

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Cat M1
Band II
QPSK
1RB
1.4MHz



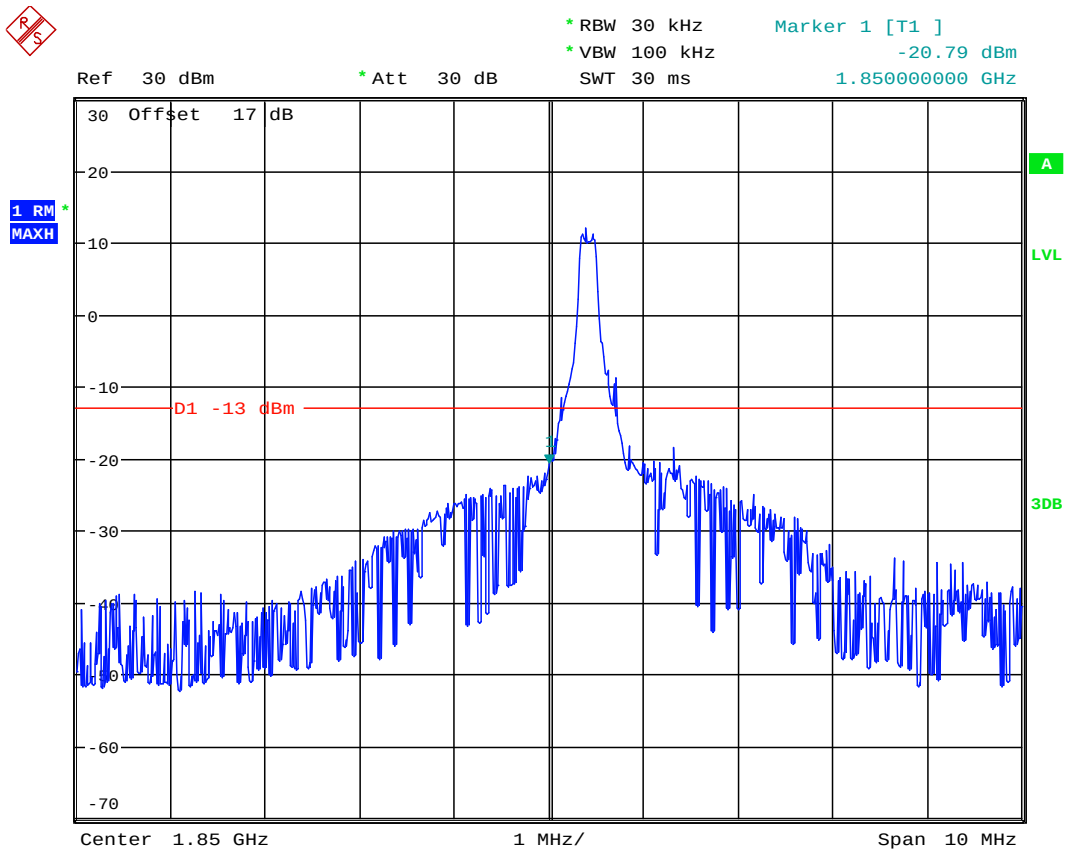
Bandedge Band2 QPSK 1RB 1.4MHz CH18607
Date: 30.APR.2019 10:27:57



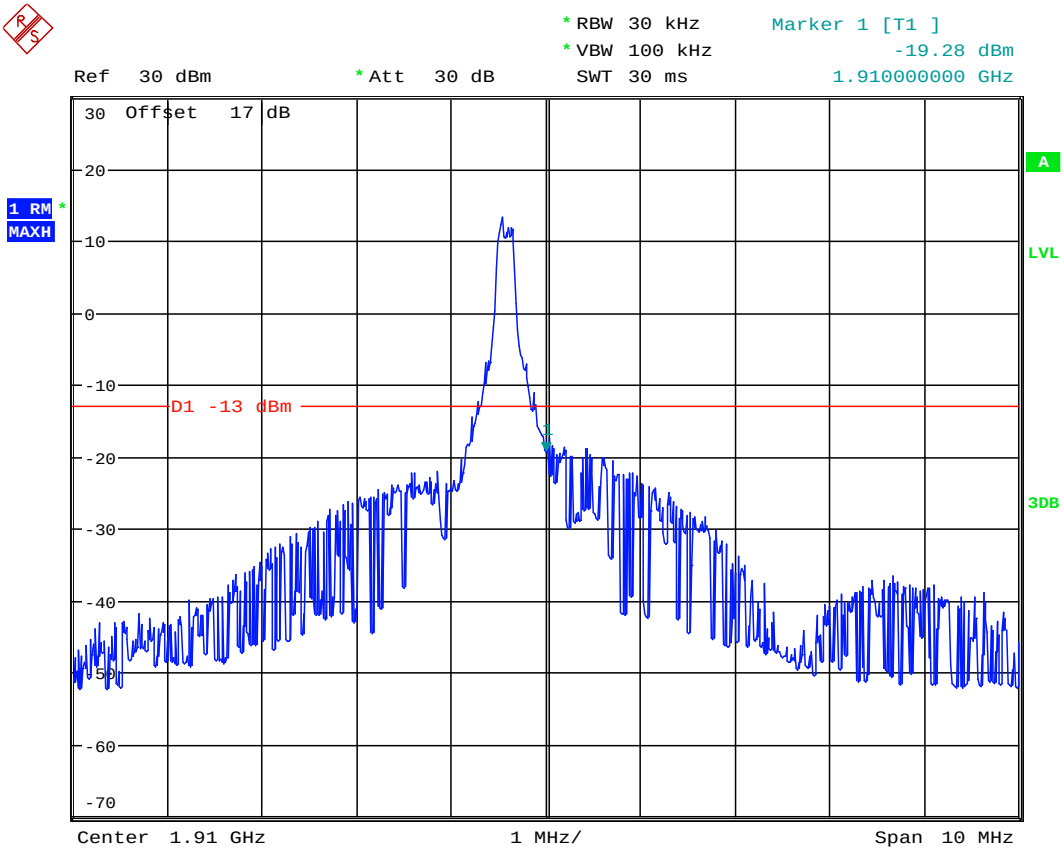
Bandedge Band2 QPSK 1RB 1.4MHz CH19193

Date: 30.APR.2019 15:13:21

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



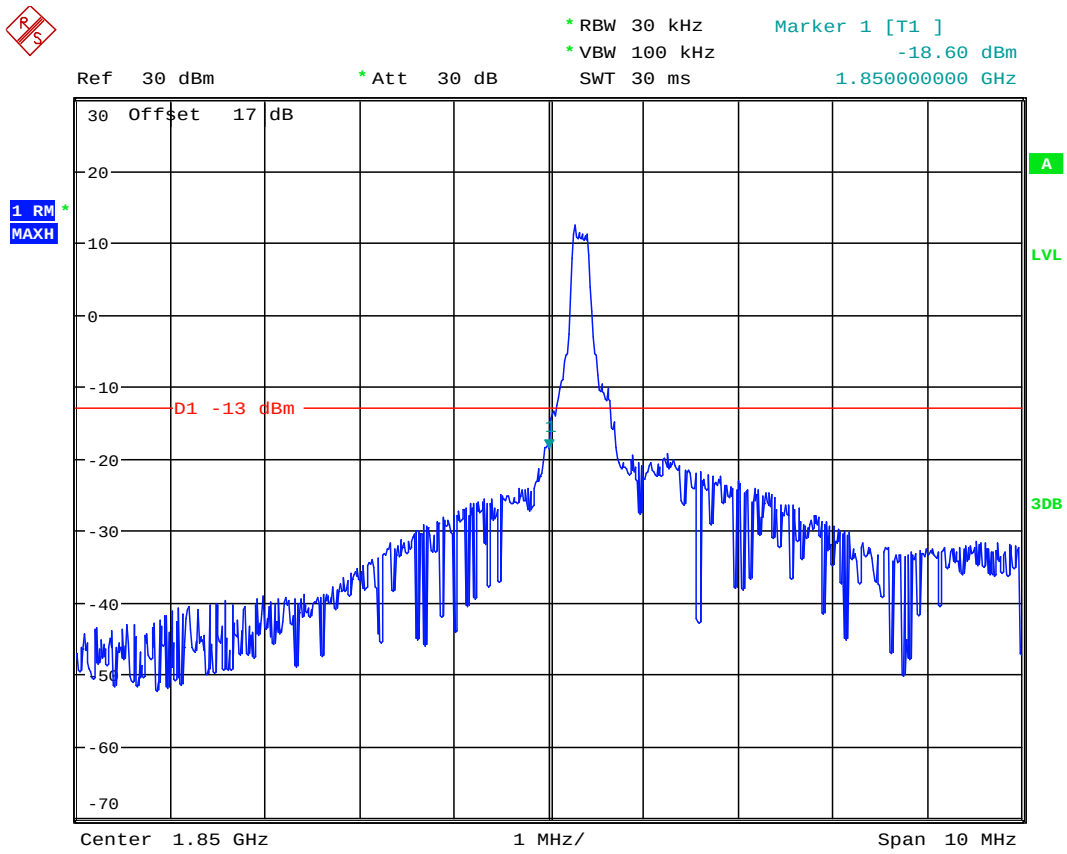
Bandedge Band2 QPSK 1RB 3MHz CH18615
Date: 30.APR.2019 11:06:33



Bandedge Band2 QPSK 1RB 3MHz CH19185

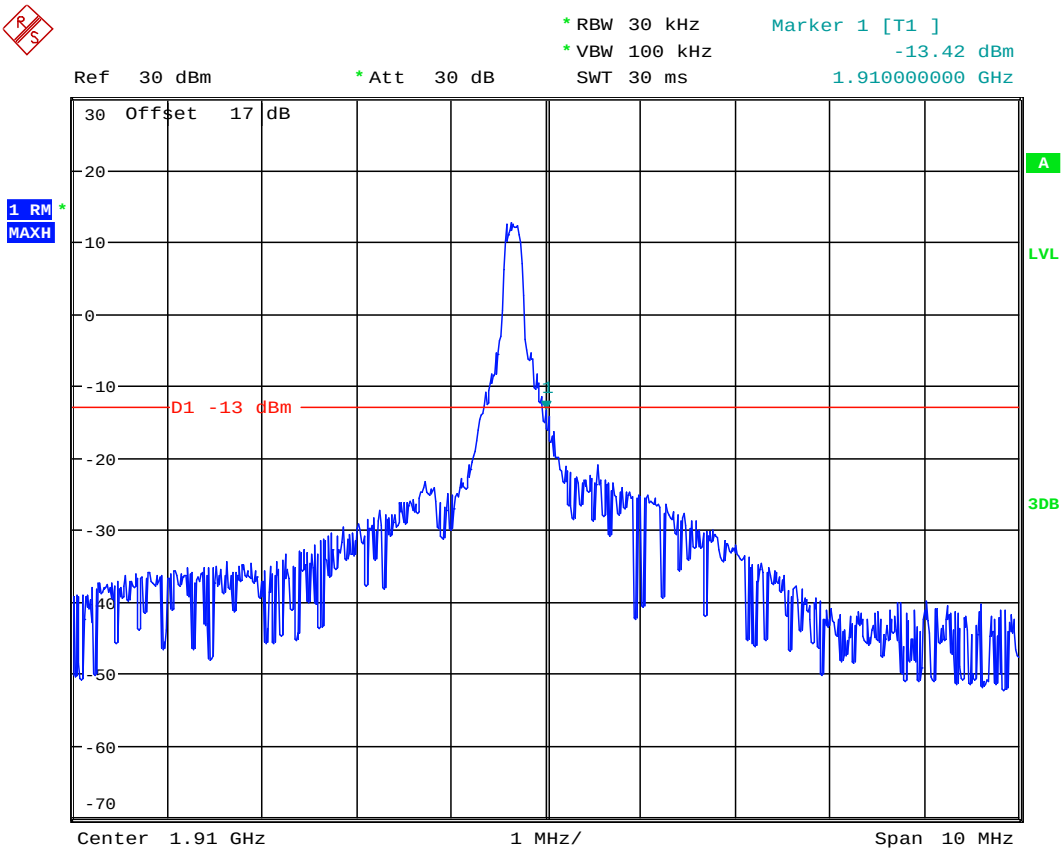
Date: 30.APR.2019 15:07:22

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



Bandedge Band2 QPSK 1RB 5MHz CH18625
Date: 30.APR.2019 11:19:56

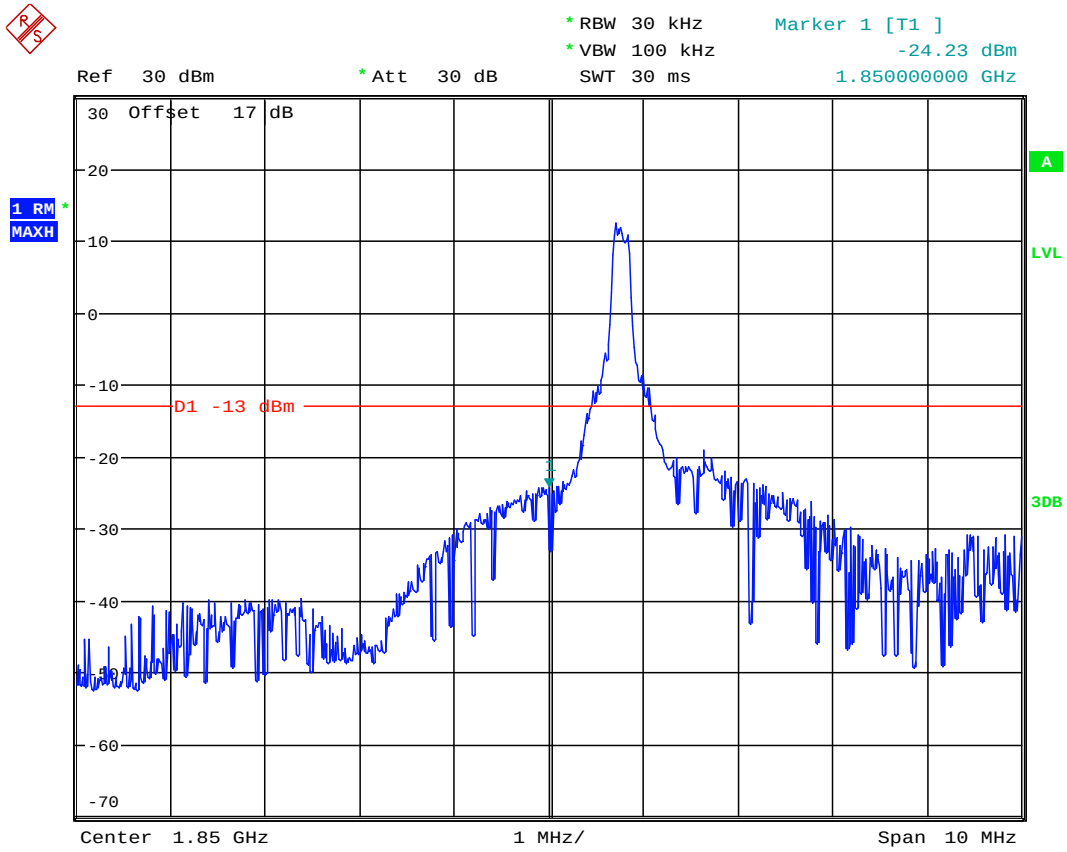
Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT



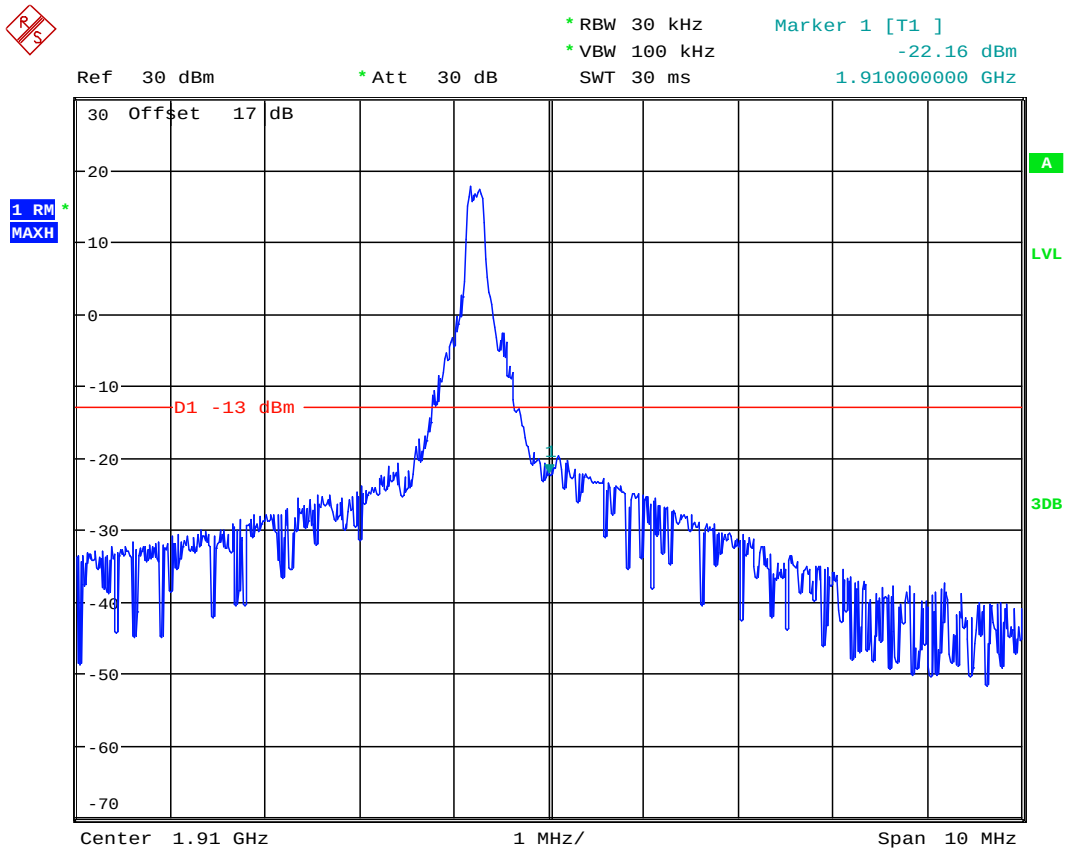
Bandedge Band2 QPSK 1RB 5MHz CH19175

Date: 30.APR.2019 14:56:12

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



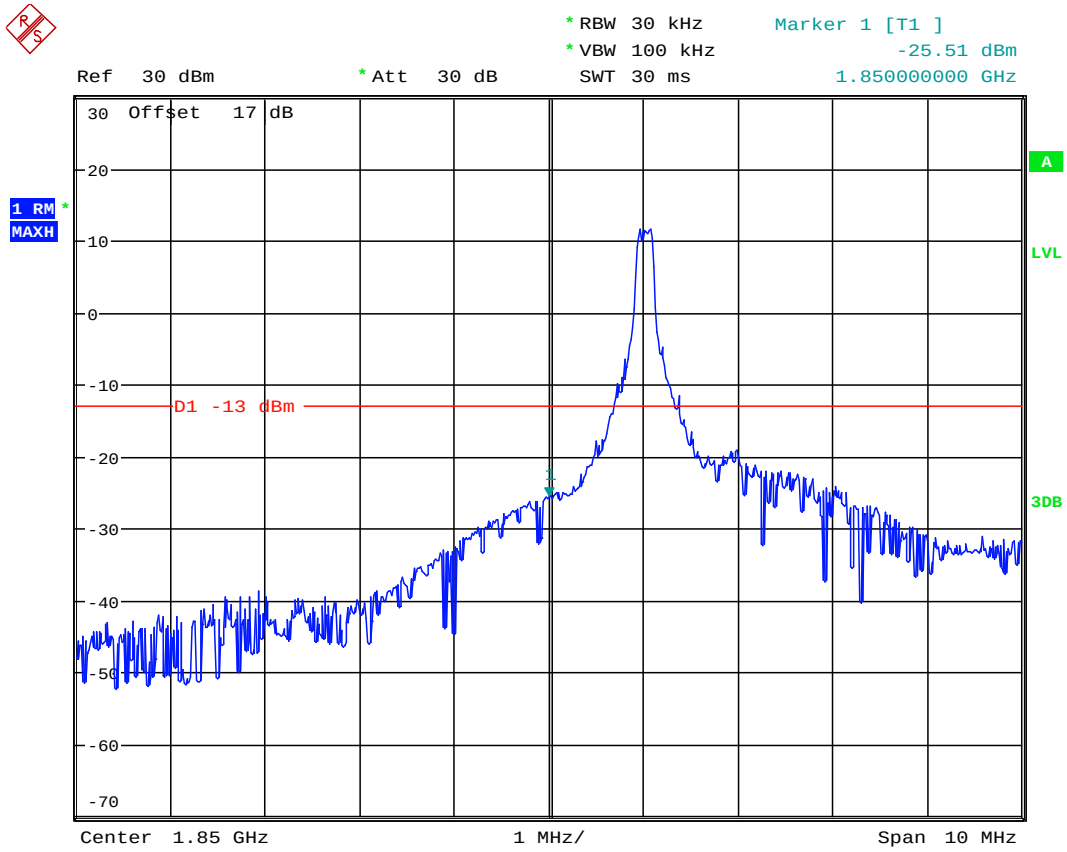
Bandedge Band2 QPSK 1RB 10MHz CH18650
Date: 30.APR.2019 11:22:28



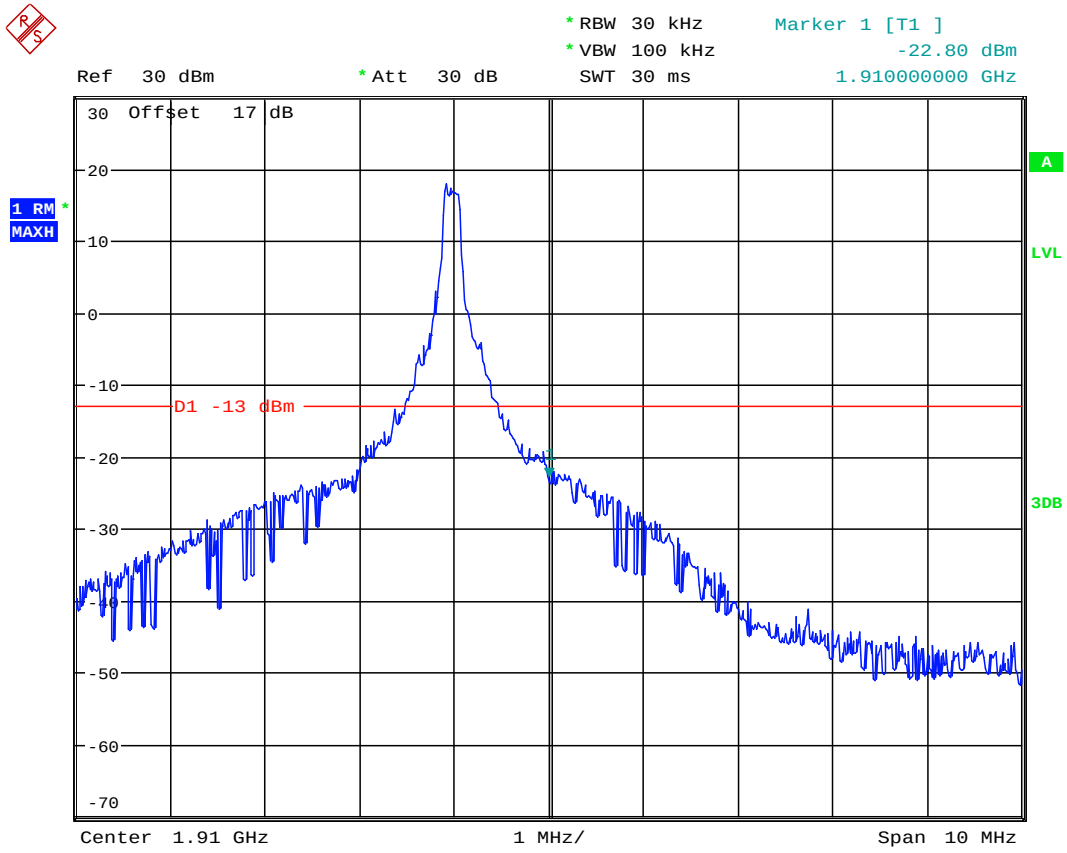
Bandedge Band2 QPSK 1RB 10MHz CH19150

Date: 30.APR.2019 14:49:14

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



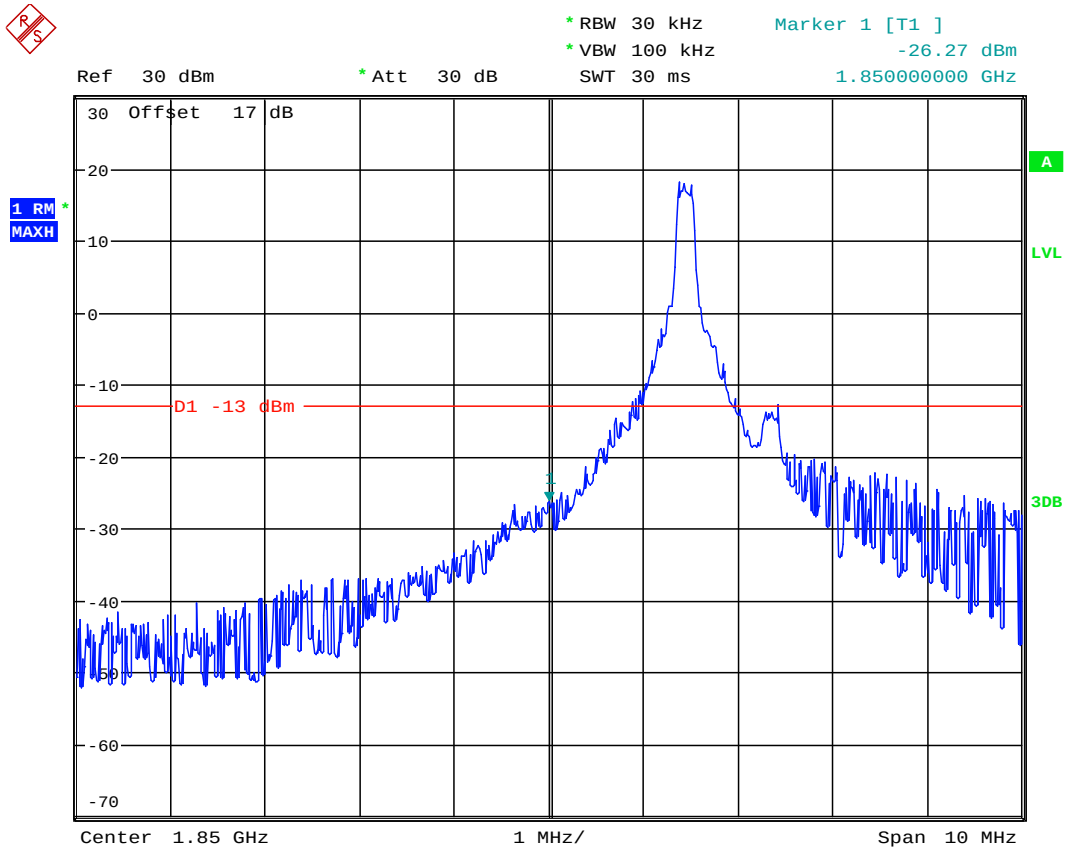
Bandedge Band2 QPSK 1RB 15MHz CH18675
Date: 30.APR.2019 11:25:16



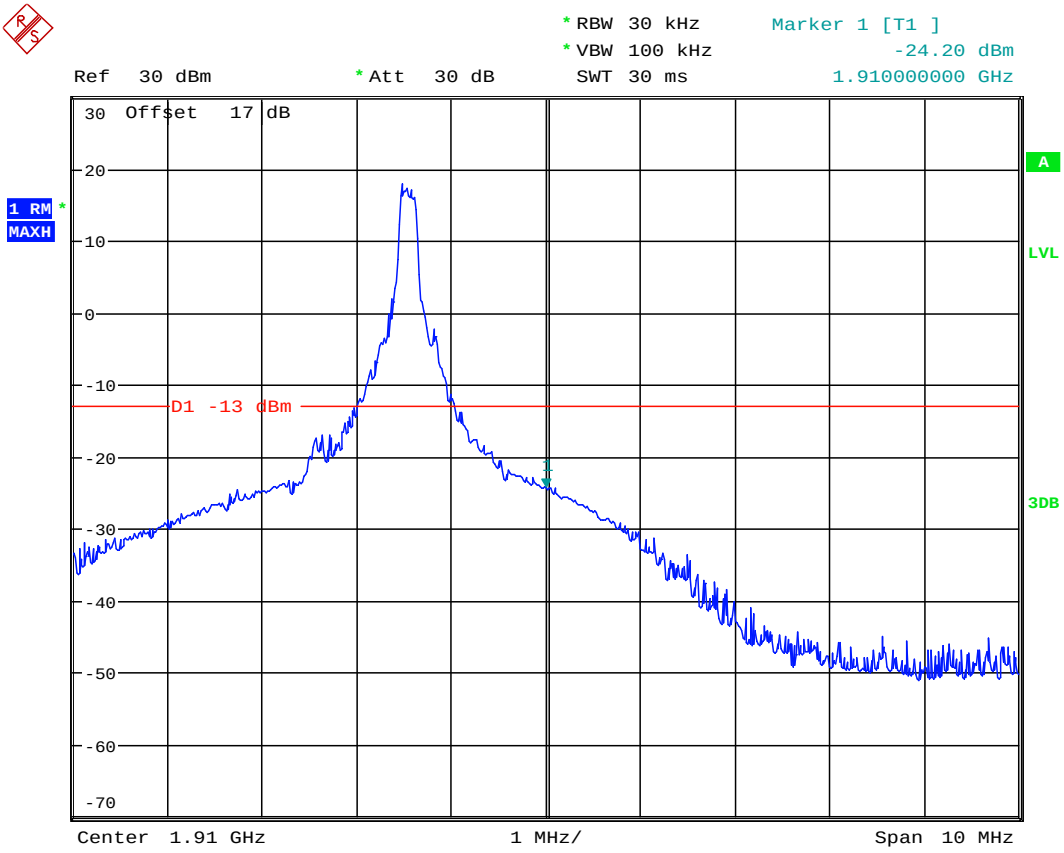
Bandedge Band2 QPSK 1RB 15MHz CH19125

Date: 30.APR.2019 14:45:05

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz



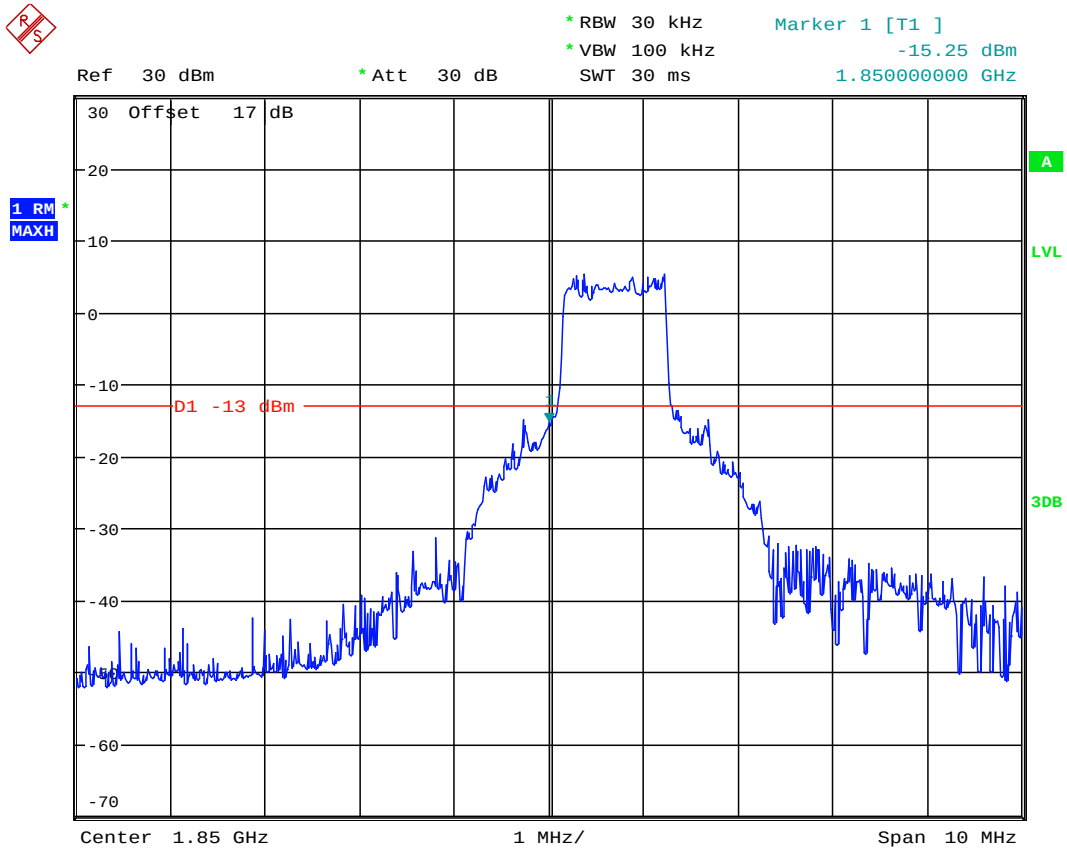
Bandedge Band2 QPSK 1RB 20MHz CH18700
Date: 30.APR.2019 11:38:50



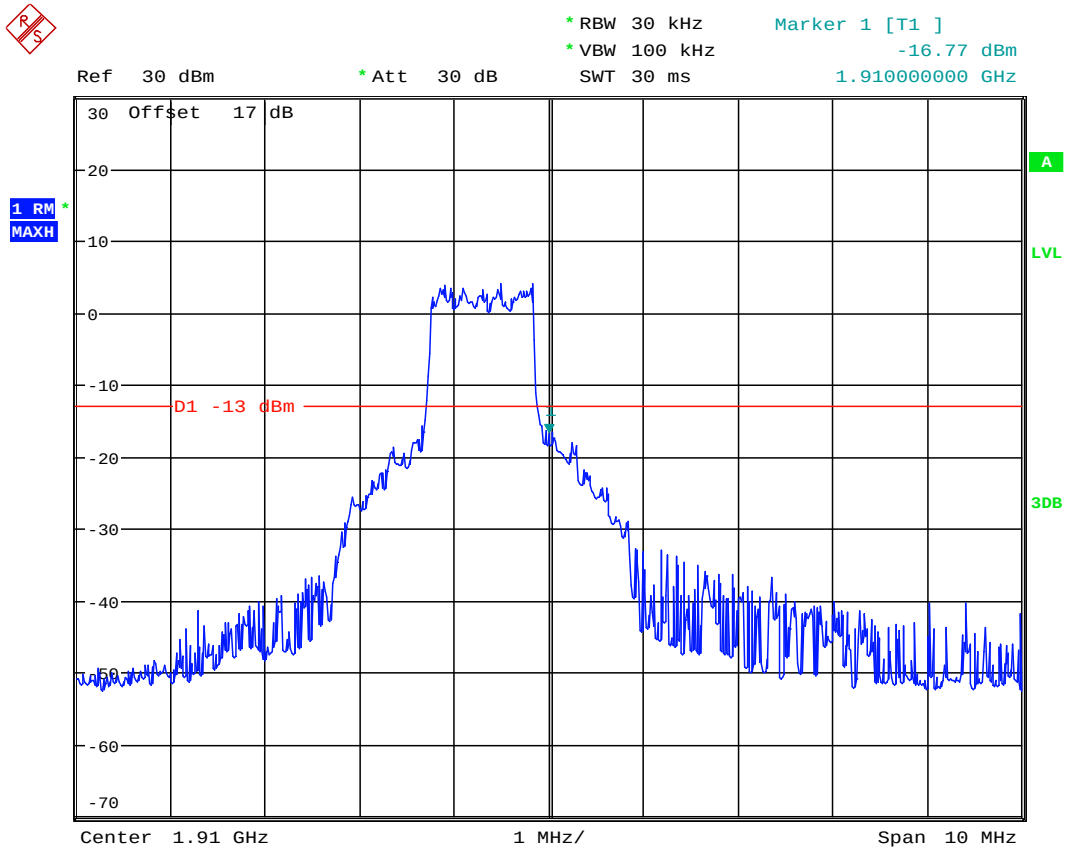
Bandedge Band2 QPSK 1RB 20MHz CH19100

Date: 30.APR.2019 14:41:10

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
FRB
1.4MHz



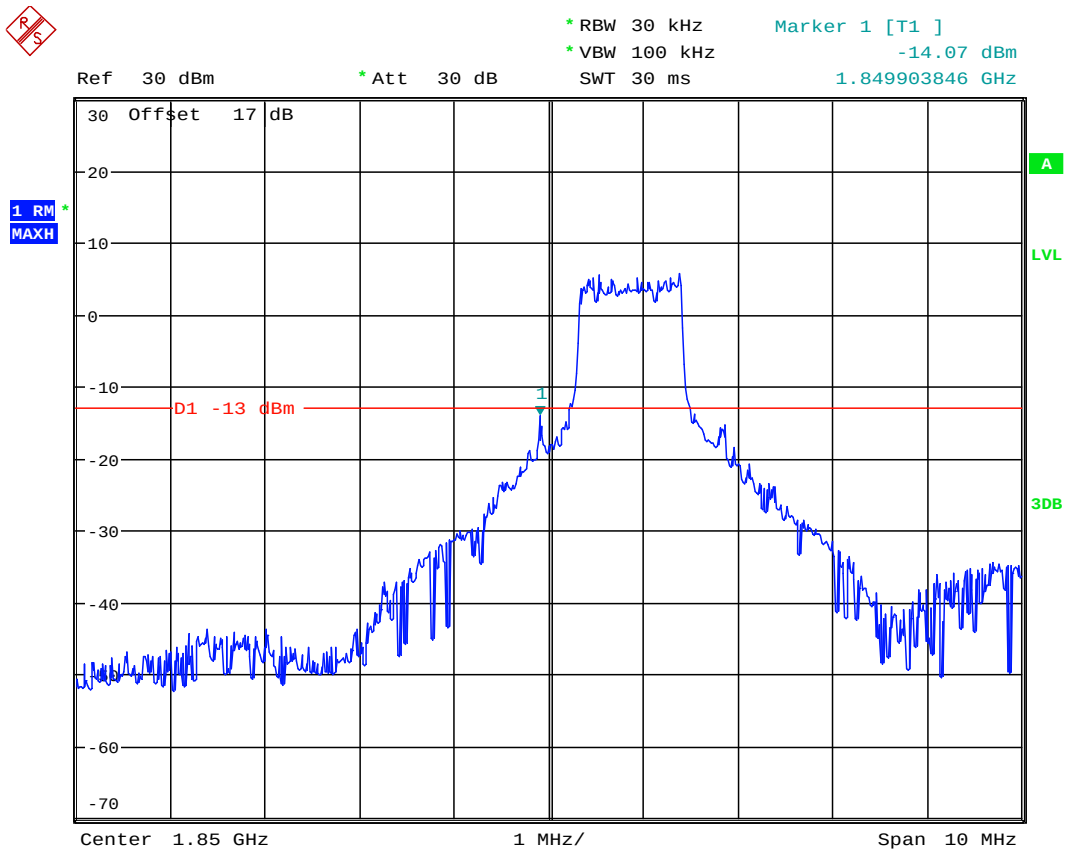
Bandedge Band2 QPSK FRB 1.4MHz CH18607
Date: 30.APR.2019 10:28:57



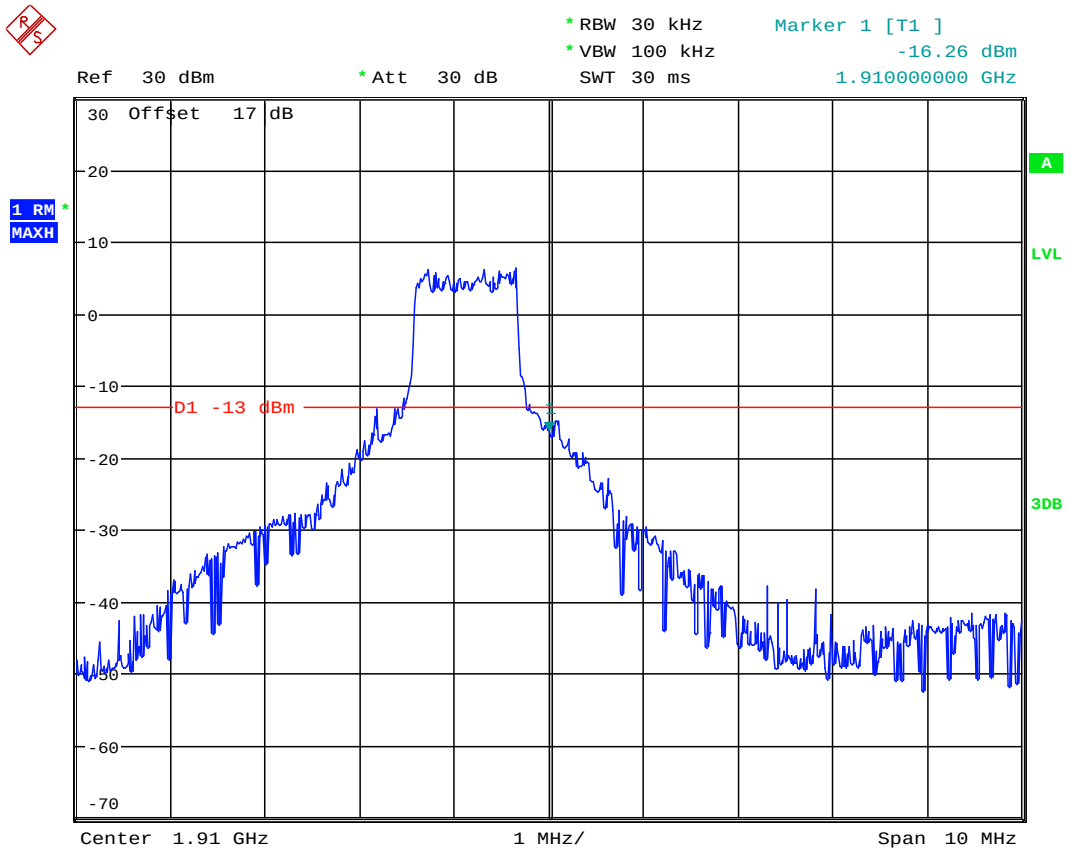
Bandedge Band2 16QAM 1RB 1.4MHz CH19193

Date: 30.APR.2019 15:13:53

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



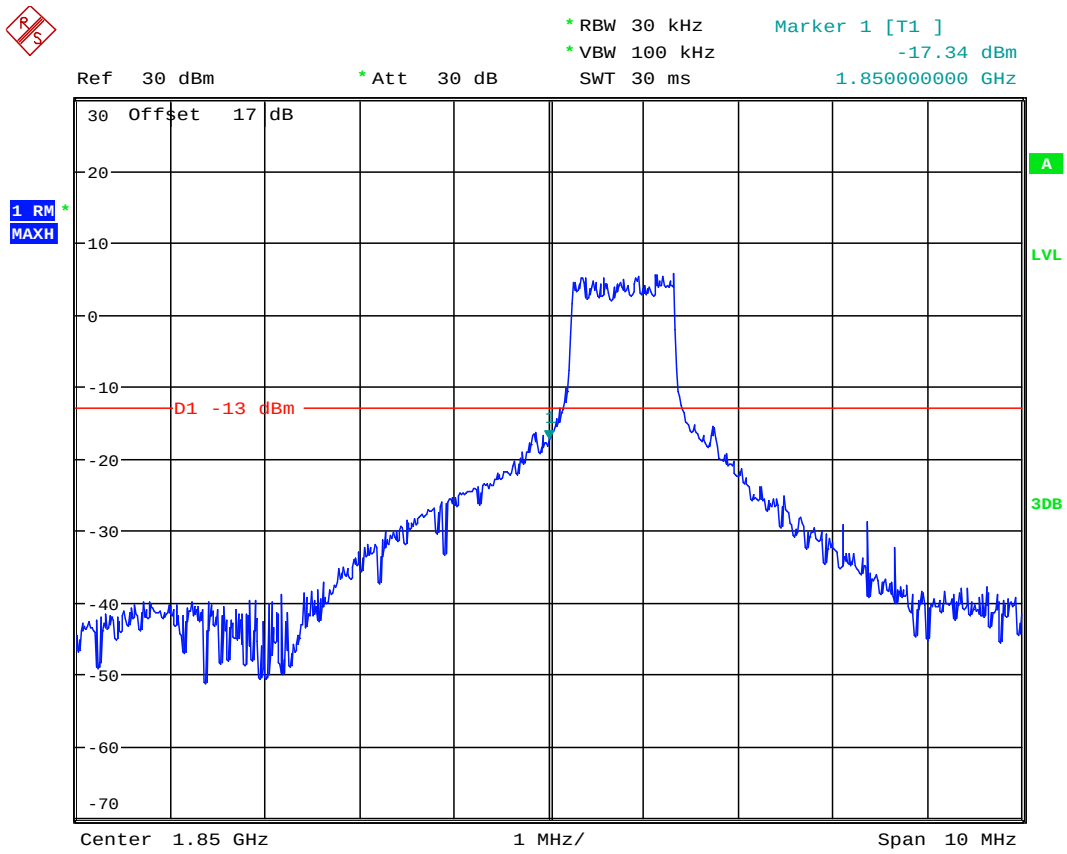
Bandedge Band2 QPSK FRB 3MHz CH18615
Date: 30.APR.2019 11:06:08



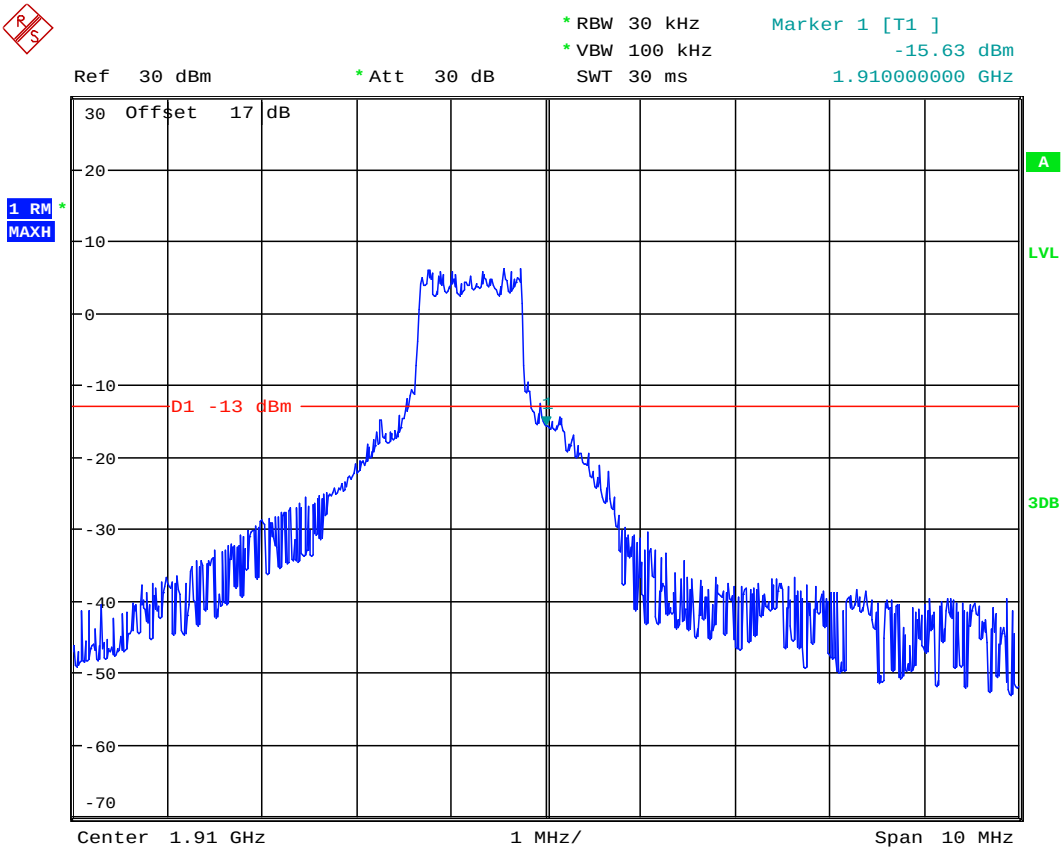
Bandedge Band2 QPSK FRB 3MHz CH19185

Date: 30.APR.2019 15:06:52

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



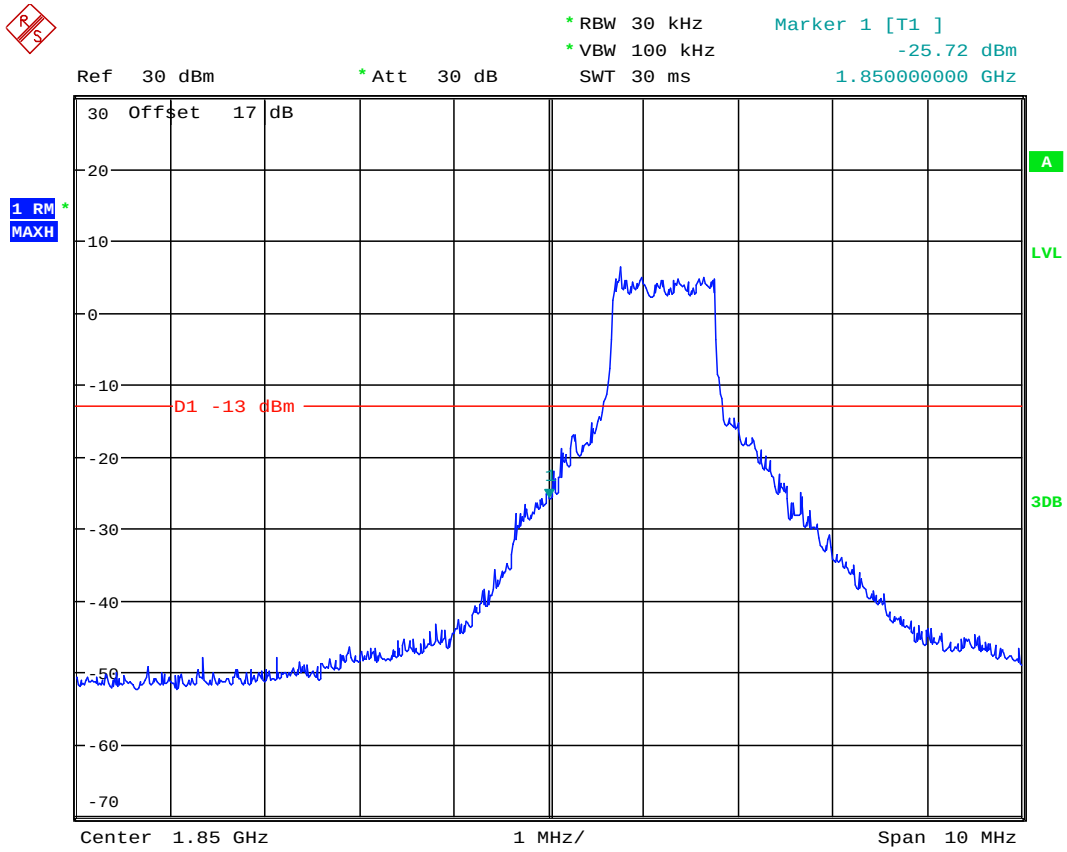
Bandedge Band2 QPSK FRB 5MHz CH18625
Date: 30.APR.2019 11:20:43



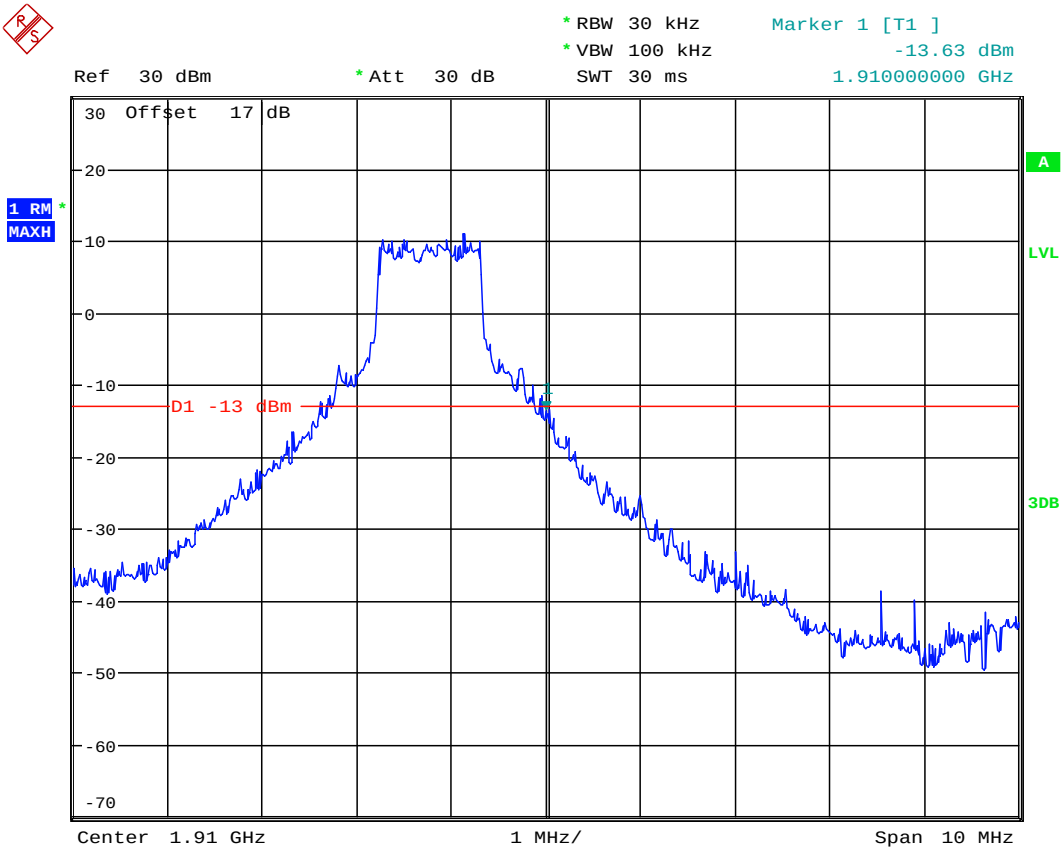
Bandedge Band2 QPSK FRB 5MHz CH19175

Date: 30.APR.2019 14:56:39

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



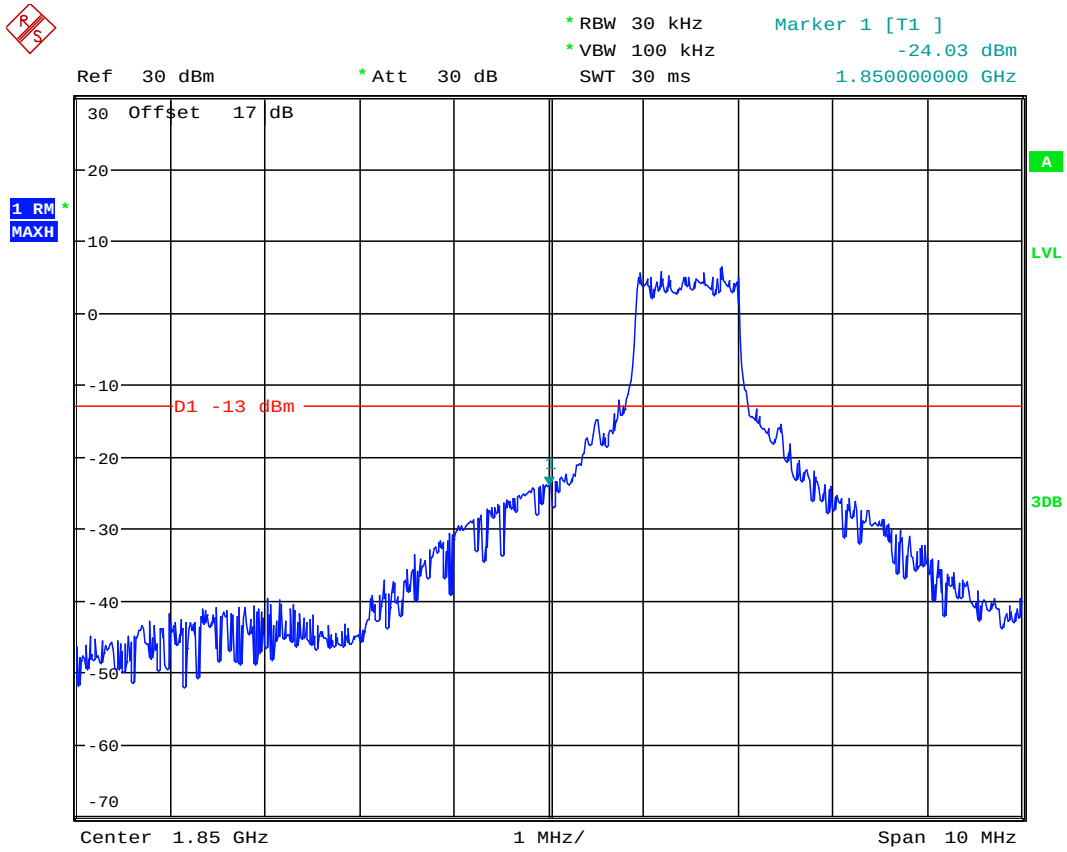
Bandedge Band2 QPSK FRB 10MHz CH18650
Date: 30.APR.2019 11:21:53



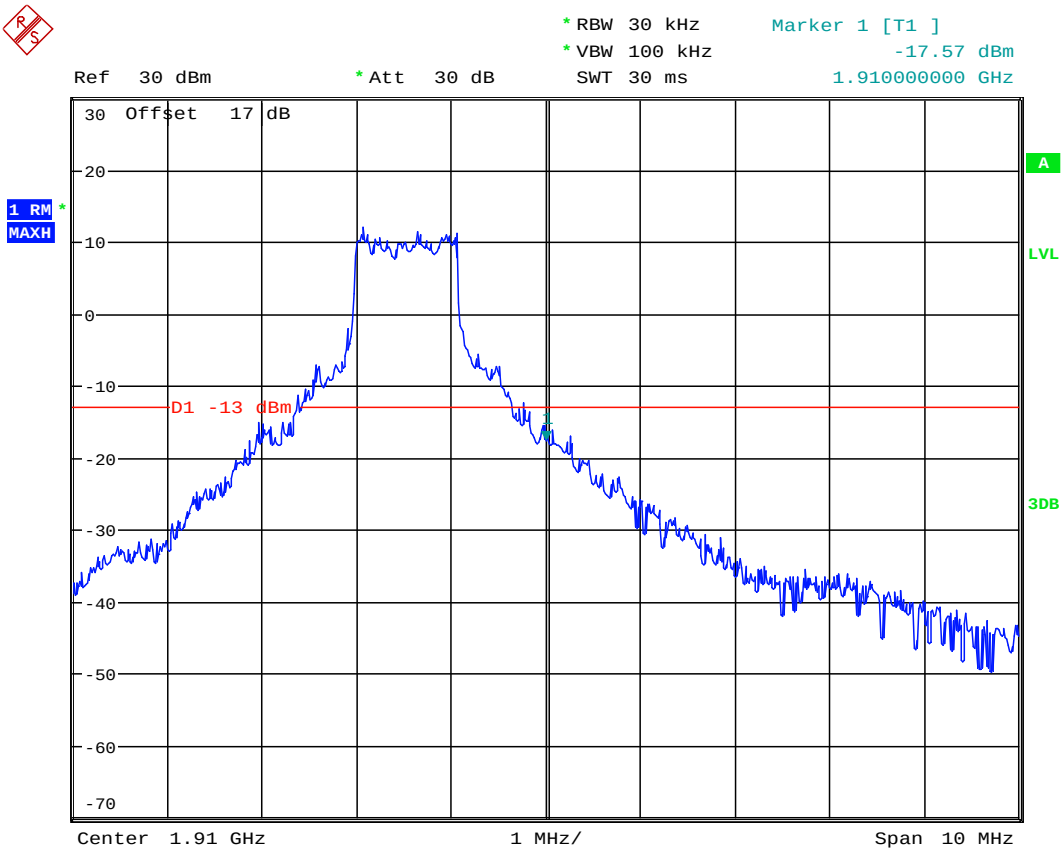
Bandedge Band2 QPSK FRB 10MHz CH19150

Date: 30.APR.2019 14:50:02

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



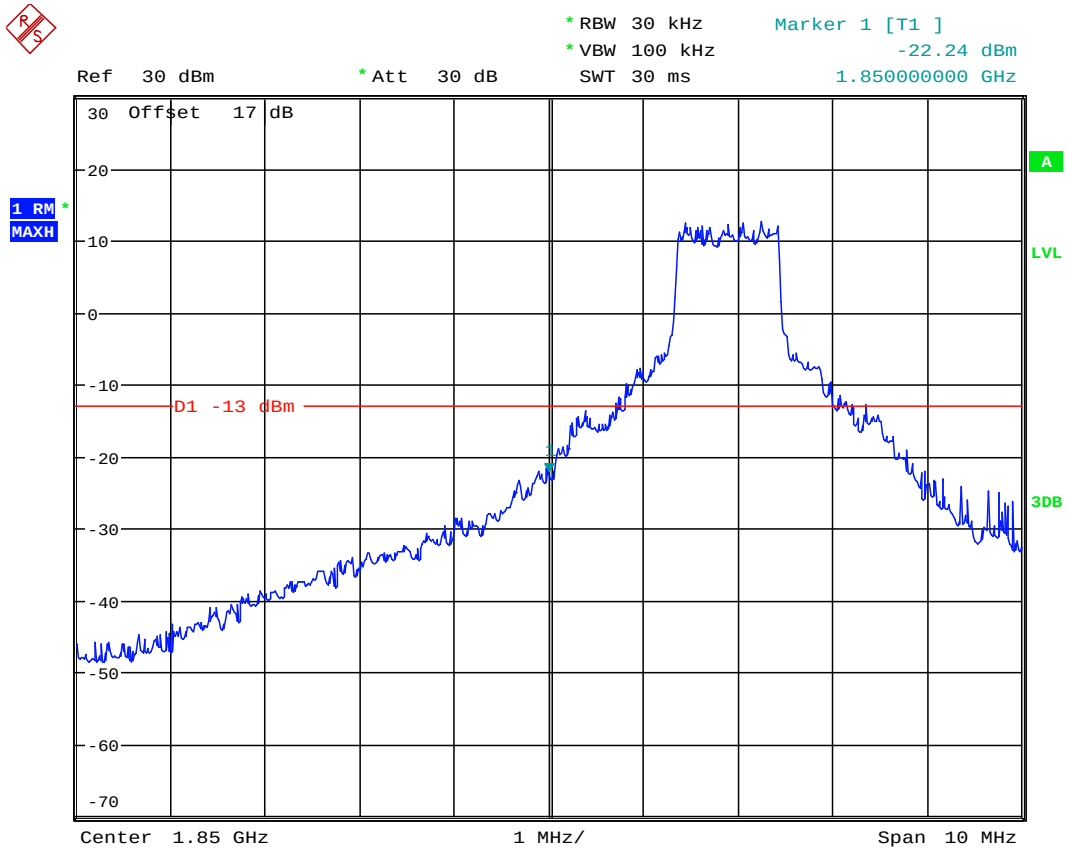
Bandedge Band2 QPSK FRB 15MHz CH18675
Date: 30.APR.2019 11:25:49



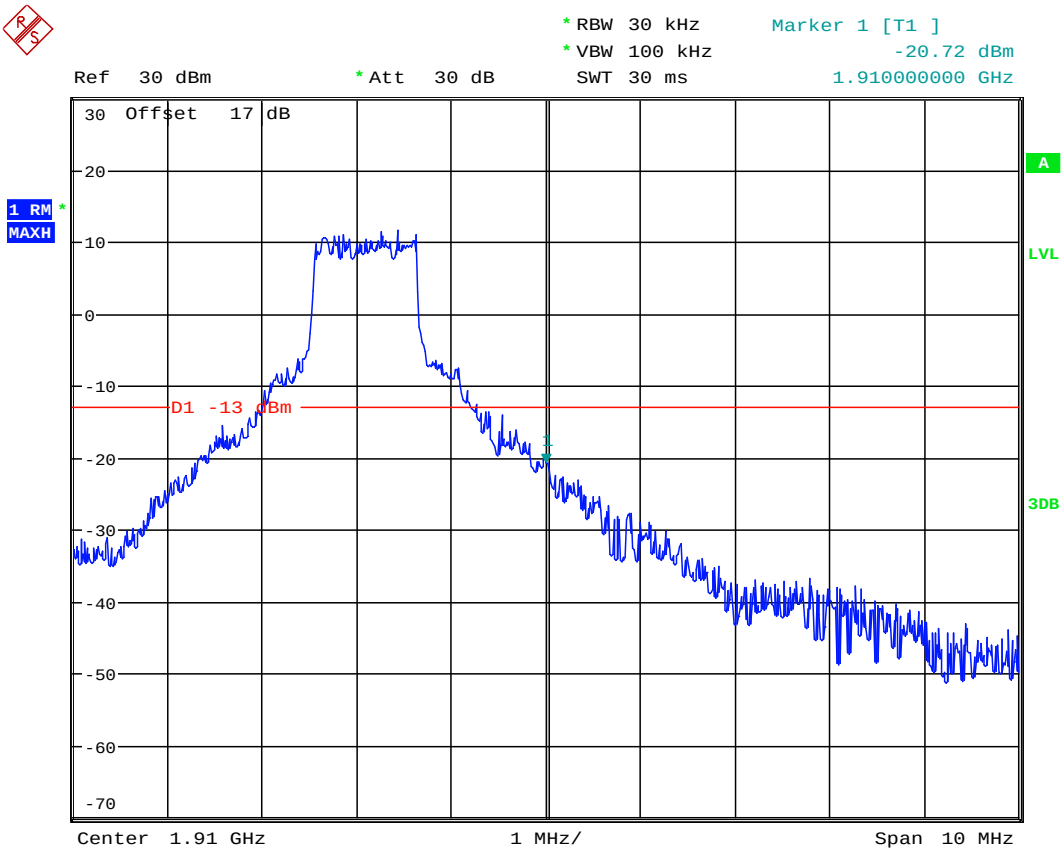
Bandedge Band2 QPSK FRB 15MHz CH19125

Date: 30.APR.2019 14:43:49

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz



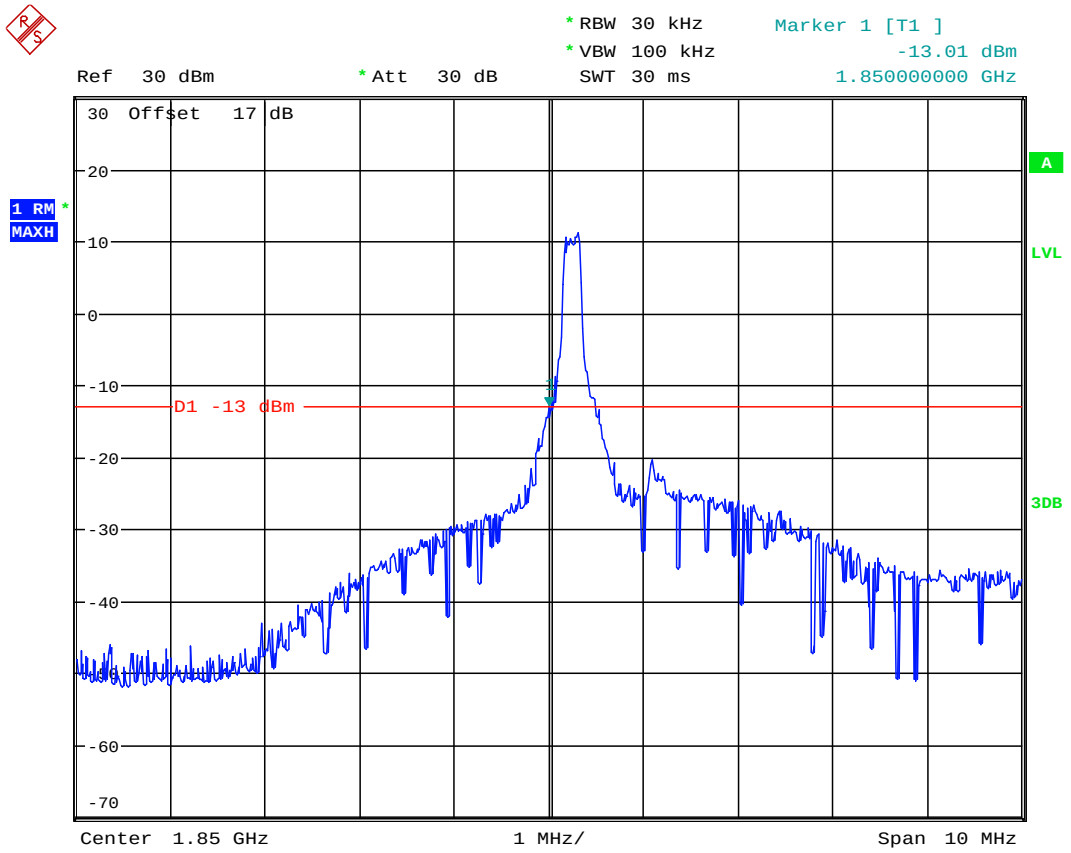
Bandedge Band2 QPSK FRB 20MHz CH18700
Date: 30.APR.2019 11:38:30



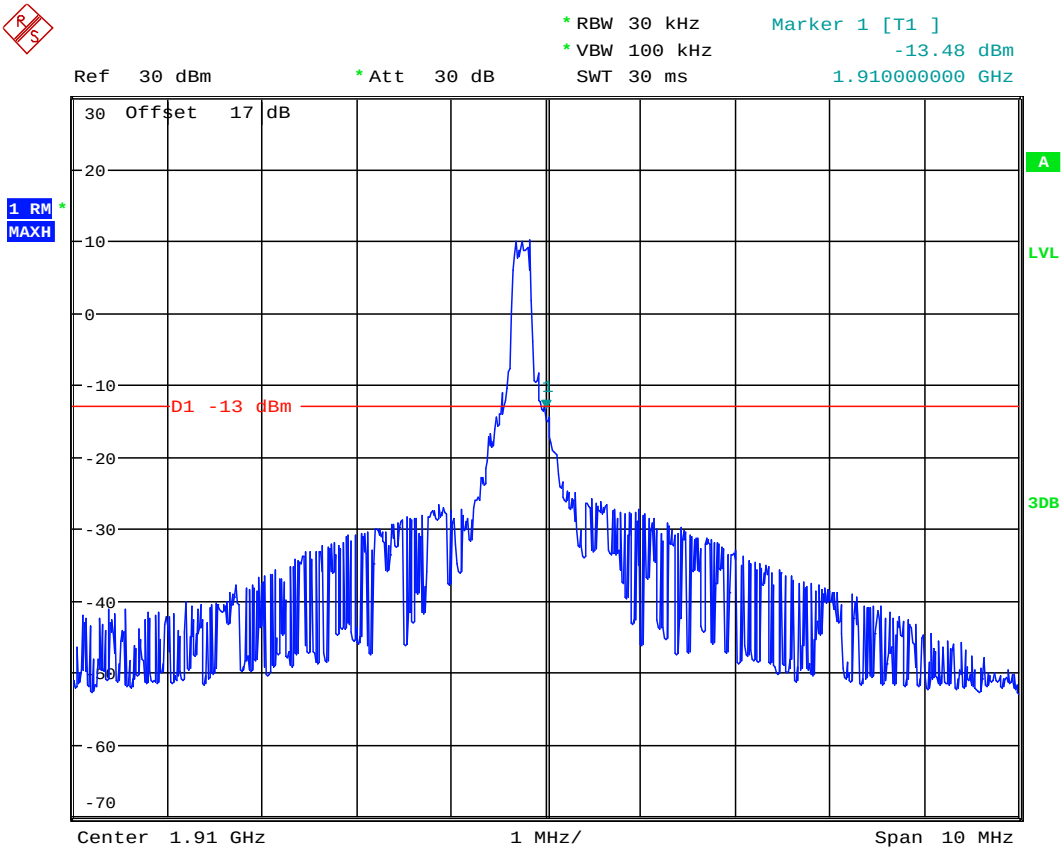
Bandedge Band2 QPSK FRB 20MHz CH19100

Date: 30.APR.2019 14:41:44

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
16QAM
1RB
1.4MHz



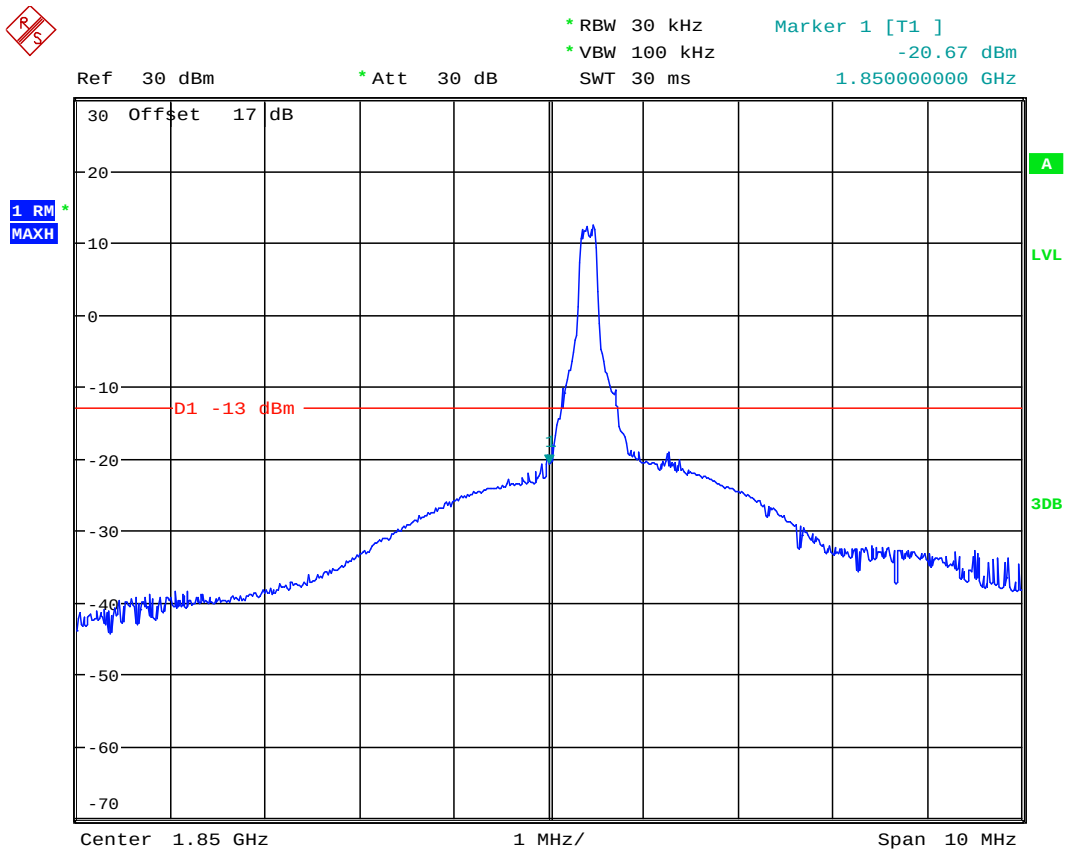
Bandedge Band2 16QAM 1RB 1.4MHz CH18607
Date: 30.APR.2019 10:26:48



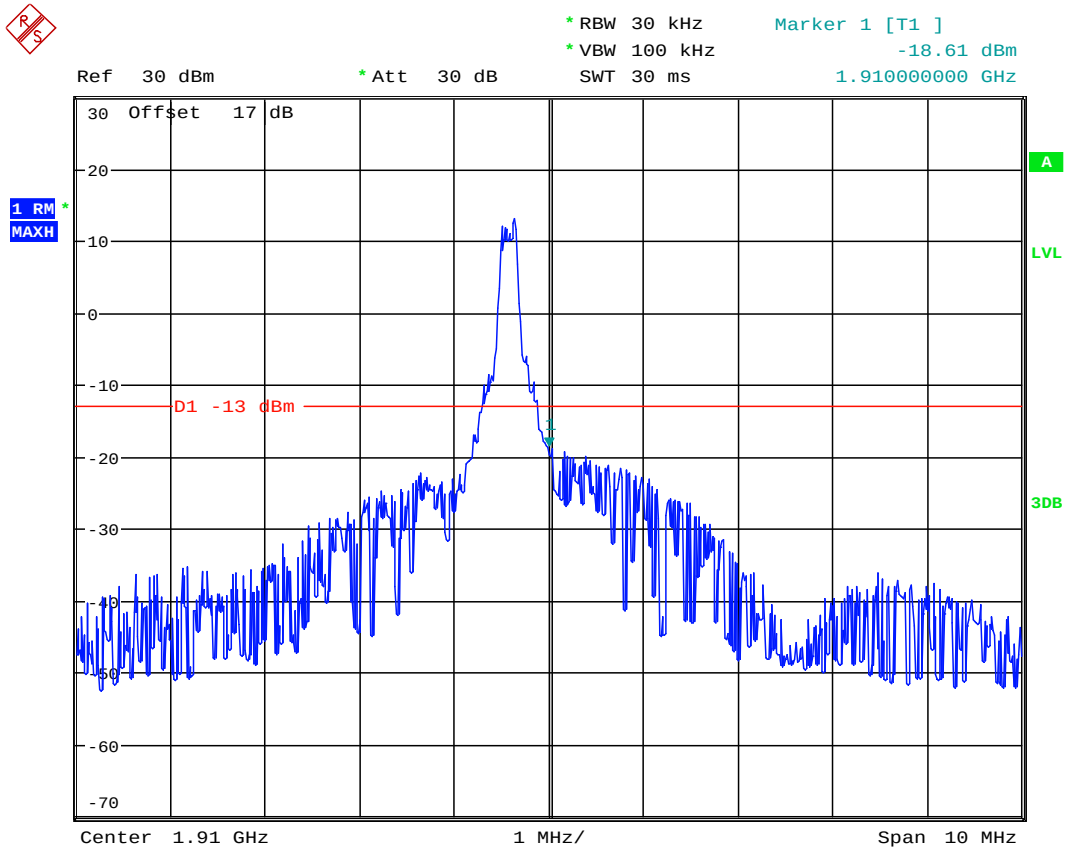
Bandedge Band2 16QAM 1RB 1.4MHz CH19193

Date: 30.APR.2019 15:12:48

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



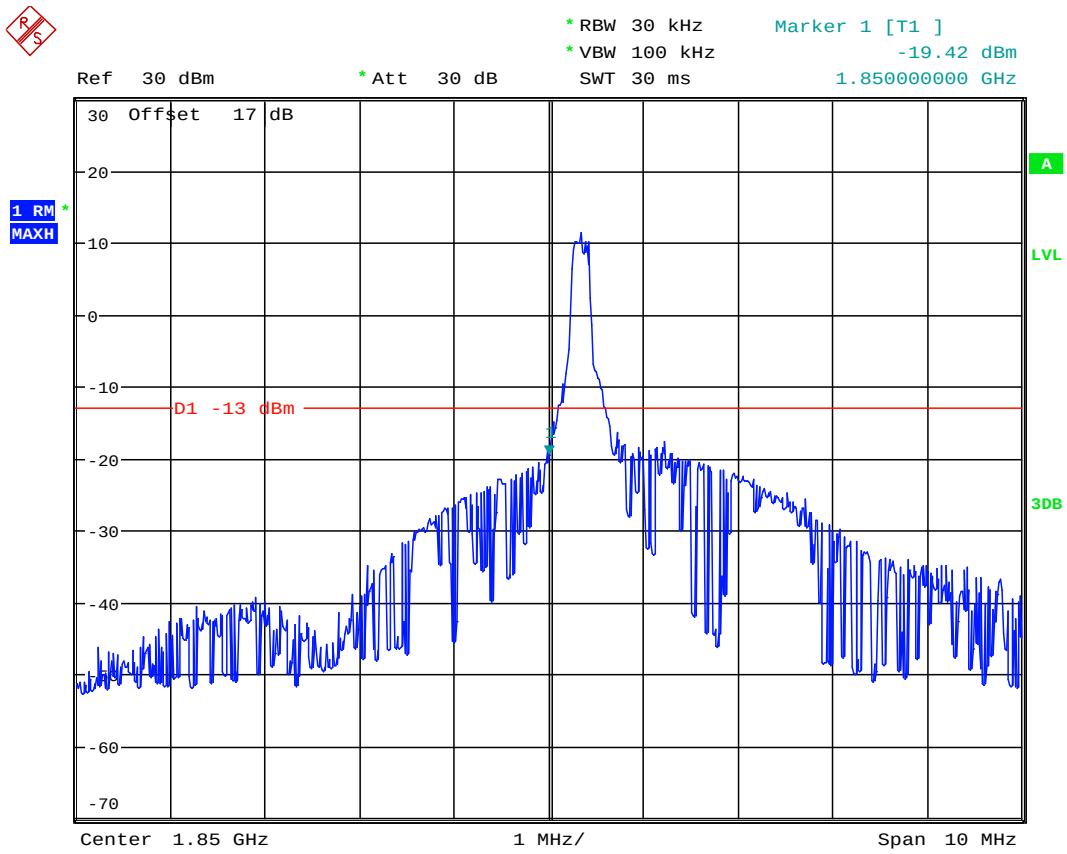
Bandedge Band2 16QAM 1RB 3MHz CH18615
Date: 30.APR.2019 11:11:34



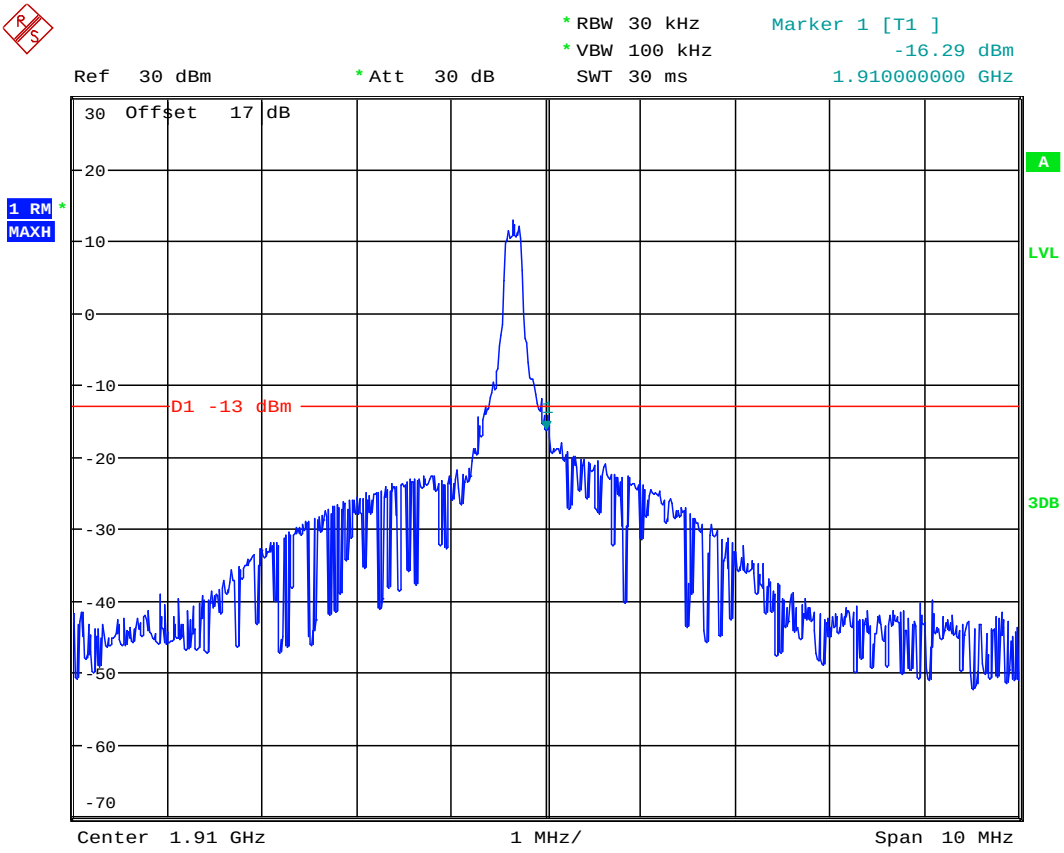
Bandedge Band2 16QAM 1RB 3MHz CH19185

Date: 30.APR.2019 15:07:51

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



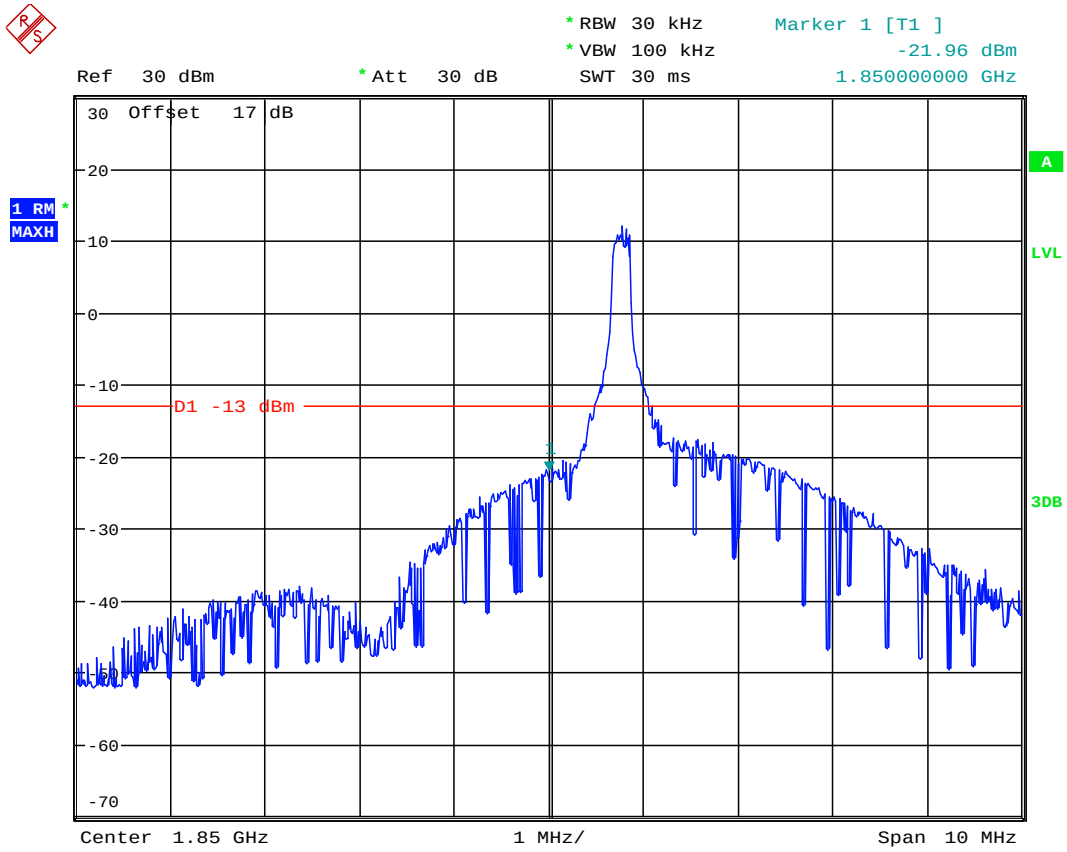
Bandedge Band2 16QAM 1RB 5MHz CH18625
Date: 30.APR.2019 11:19:25



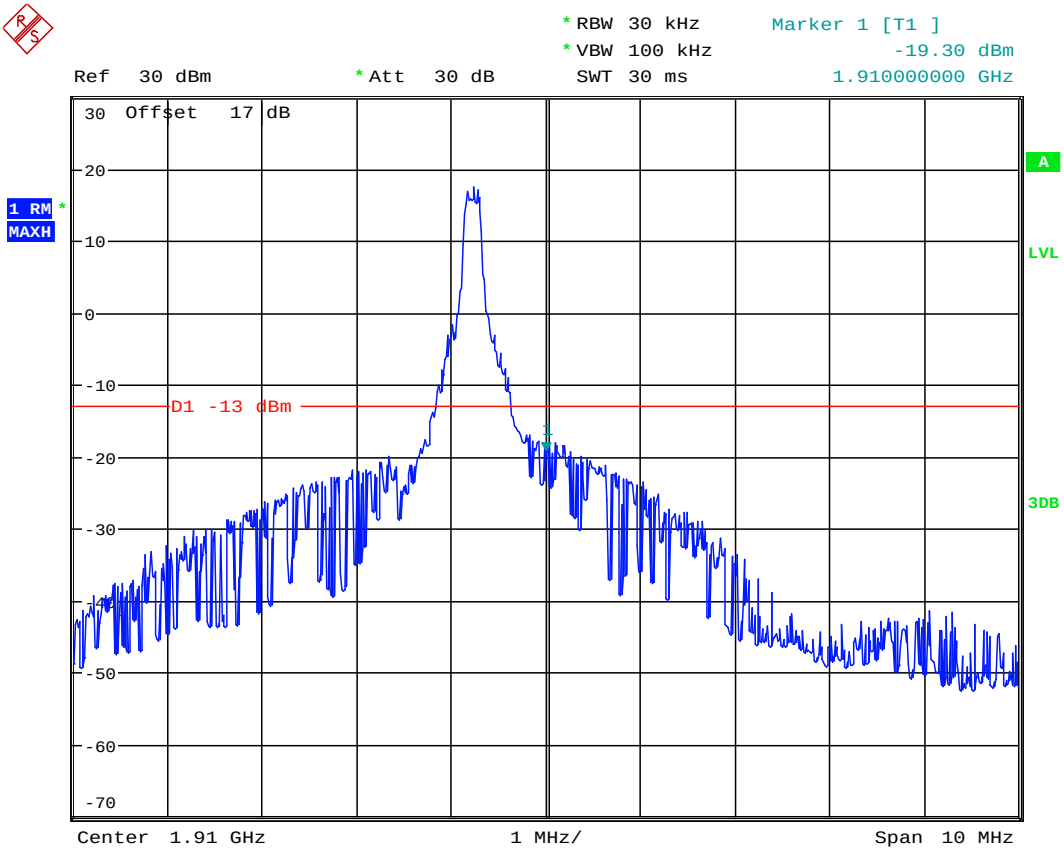
Bandedge Band2 16QAM 1RB 5MHz CH19175

Date: 30.APR.2019 14:55:35

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



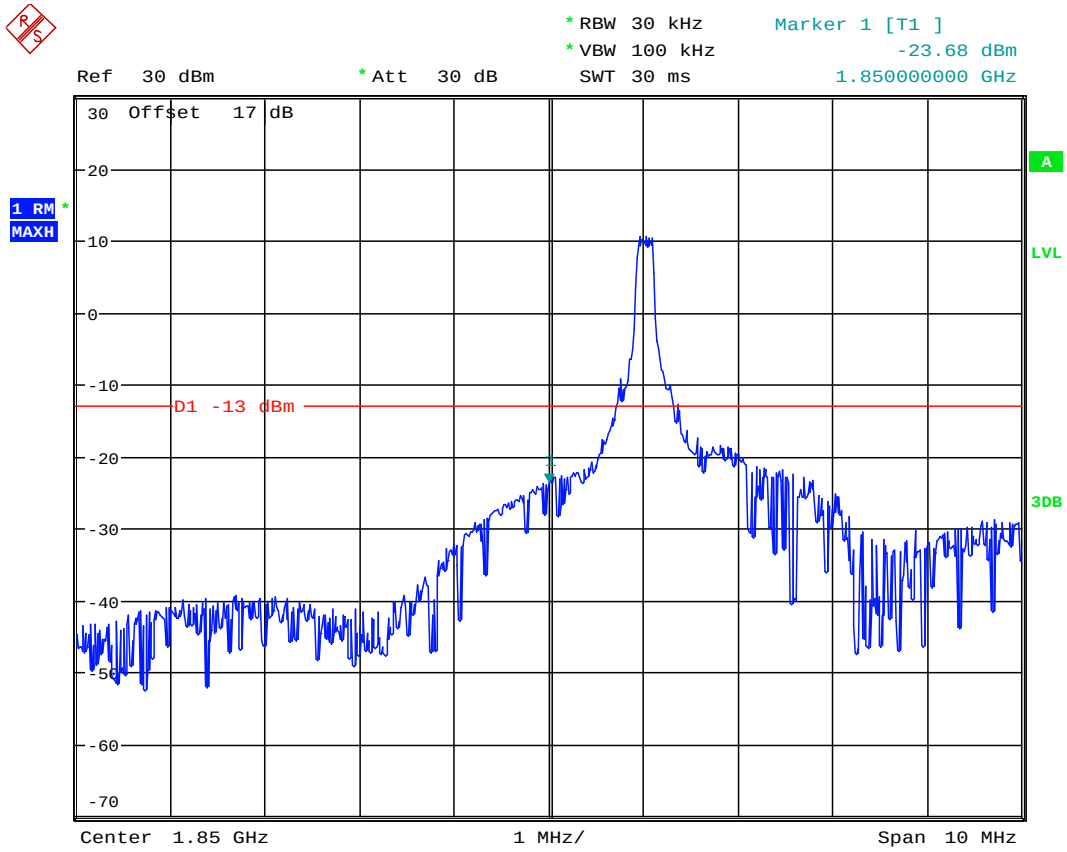
Bandedge Band2 16QAM 1RB 10MHz CH18650
Date: 30.APR.2019 11:22:58



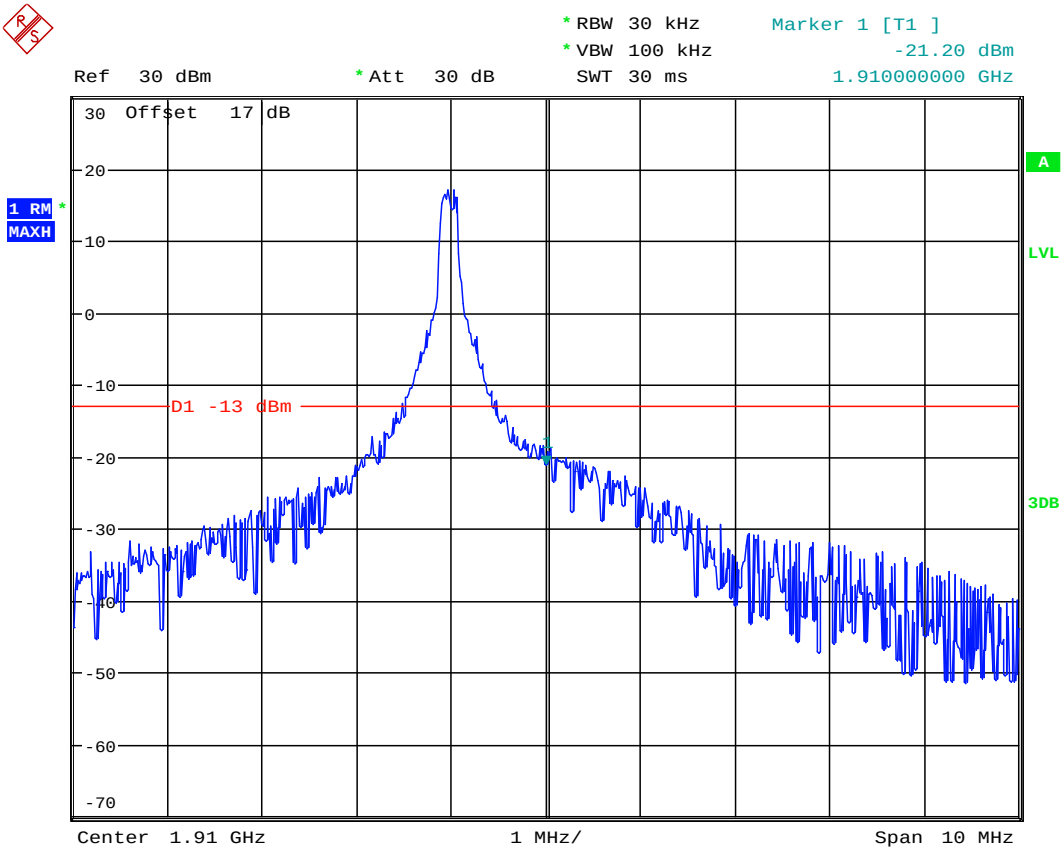
Bandedge Band2 16QAM 1RB 10MHz CH19150

Date: 30.APR.2019 14:51:03

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



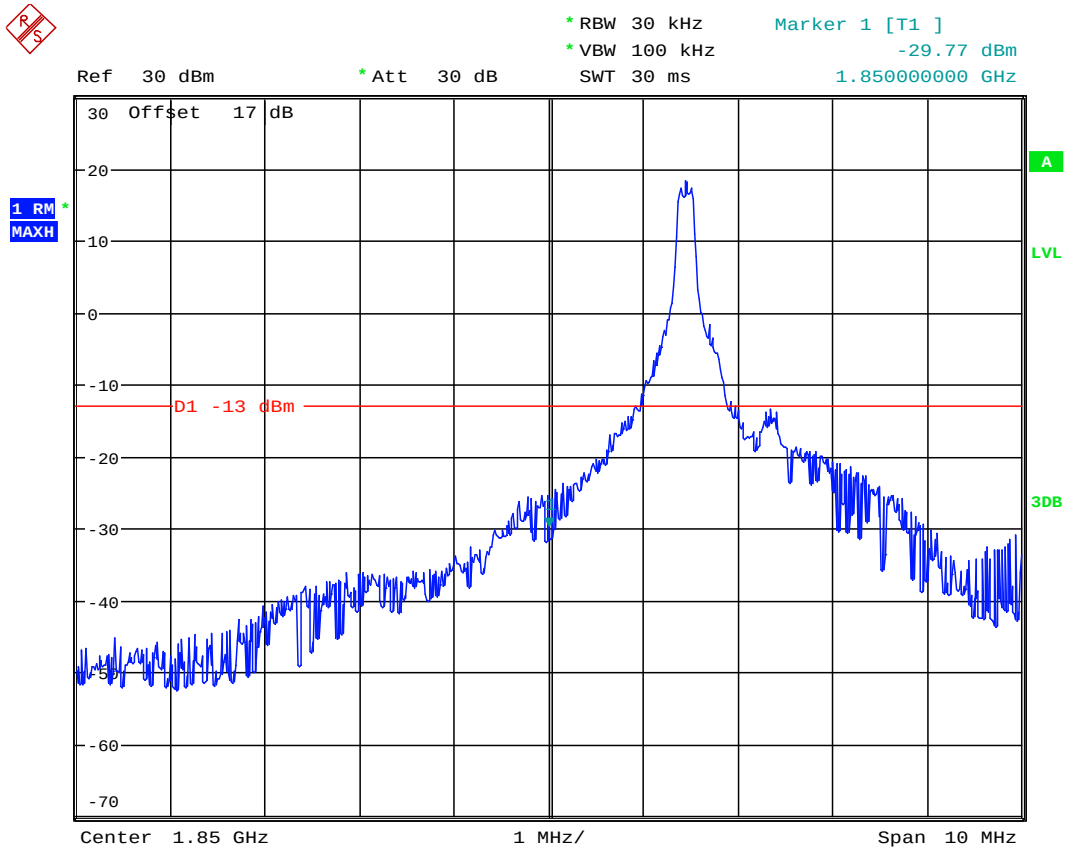
Bandedge Band2 16QAM 1RB 15MHz CH18675
Date: 30.APR.2019 11:24:38



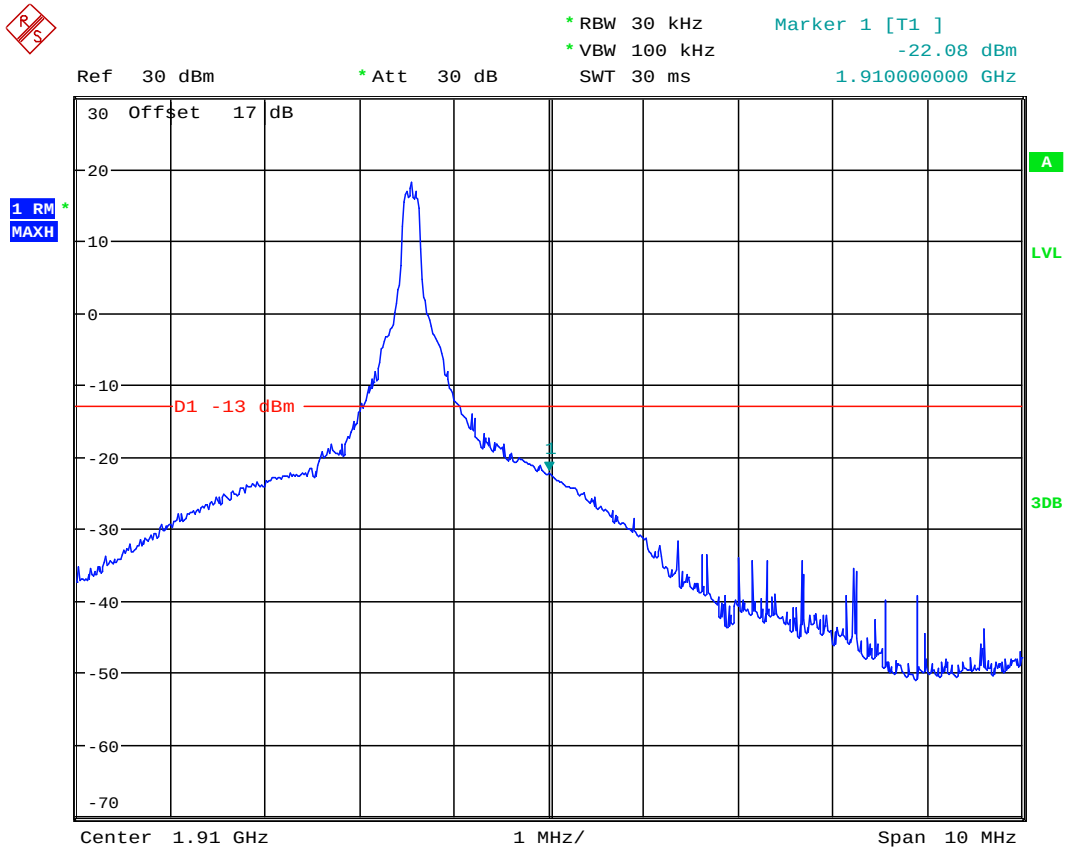
Bandedge Band2 16QAM 1RB 15MHz CH19125

Date: 30.APR.2019 14:45:58

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz



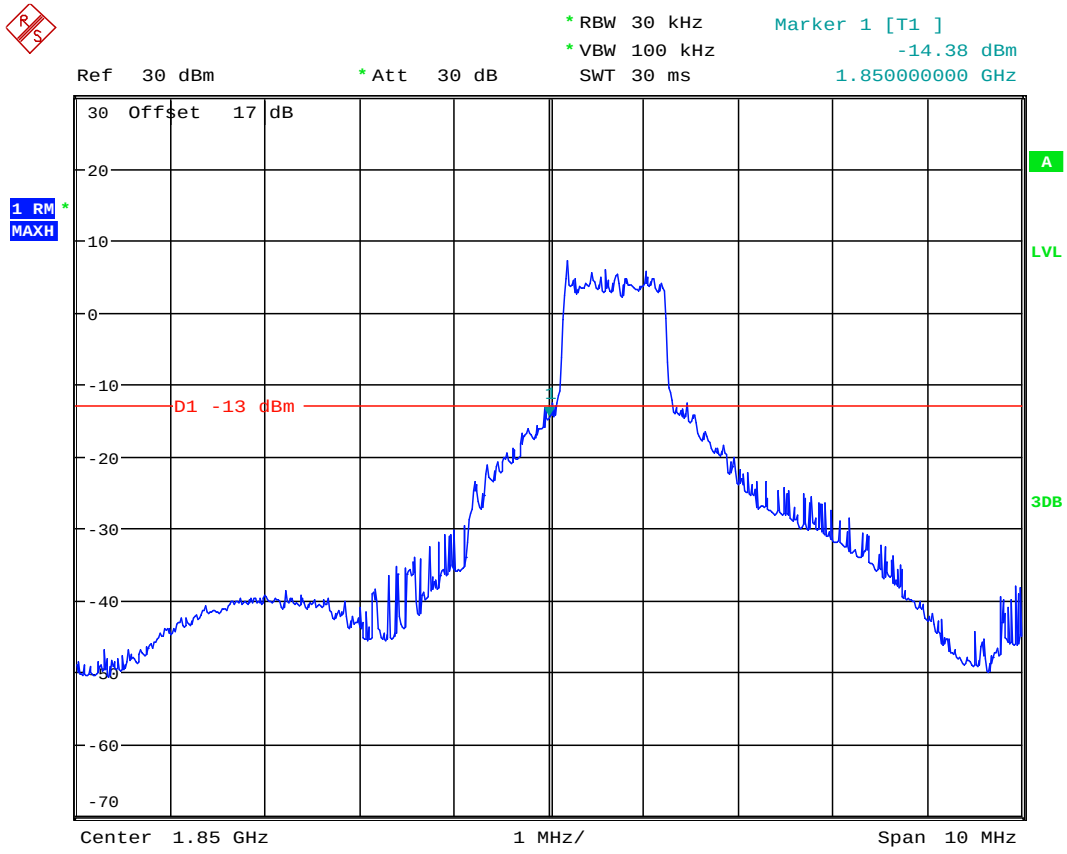
Bandedge Band2 16QAM 1RB 20MHz CH18700
Date: 30.APR.2019 11:39:17



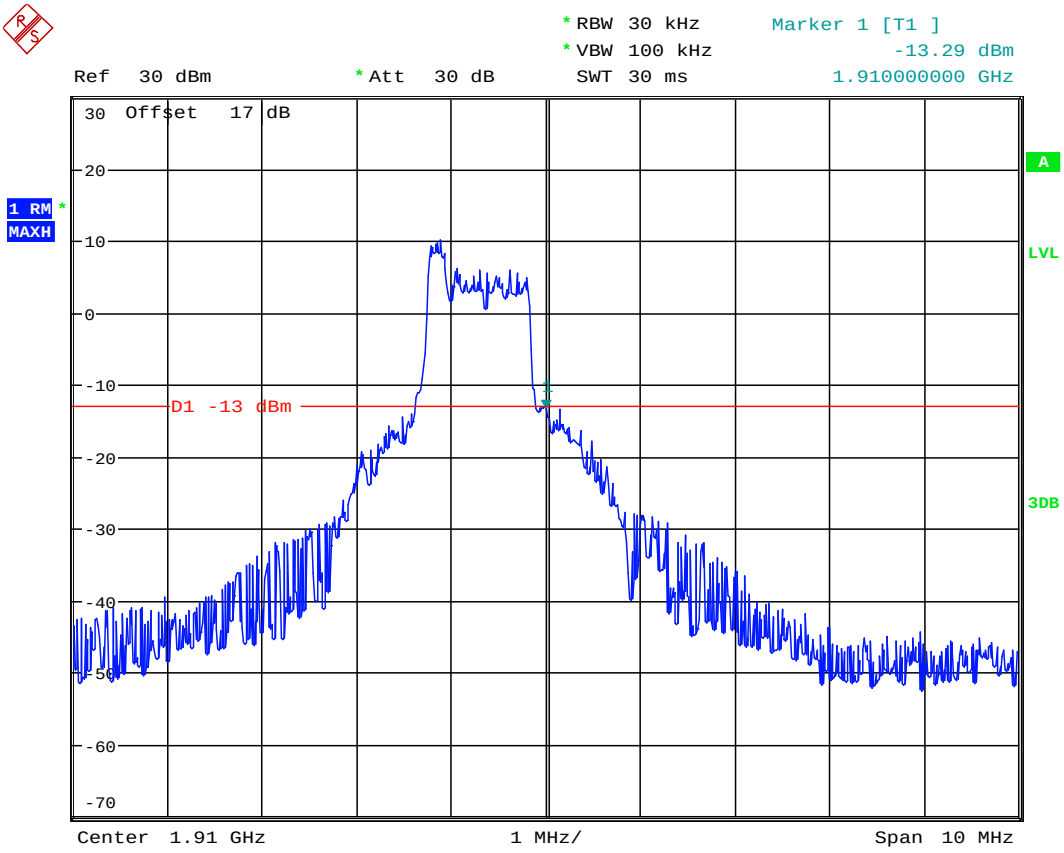
Bandedge Band2 16QAM 1RB 20MHz CH19100

Date: 30.APR.2019 14:39:39

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
FRB
1.4MHz



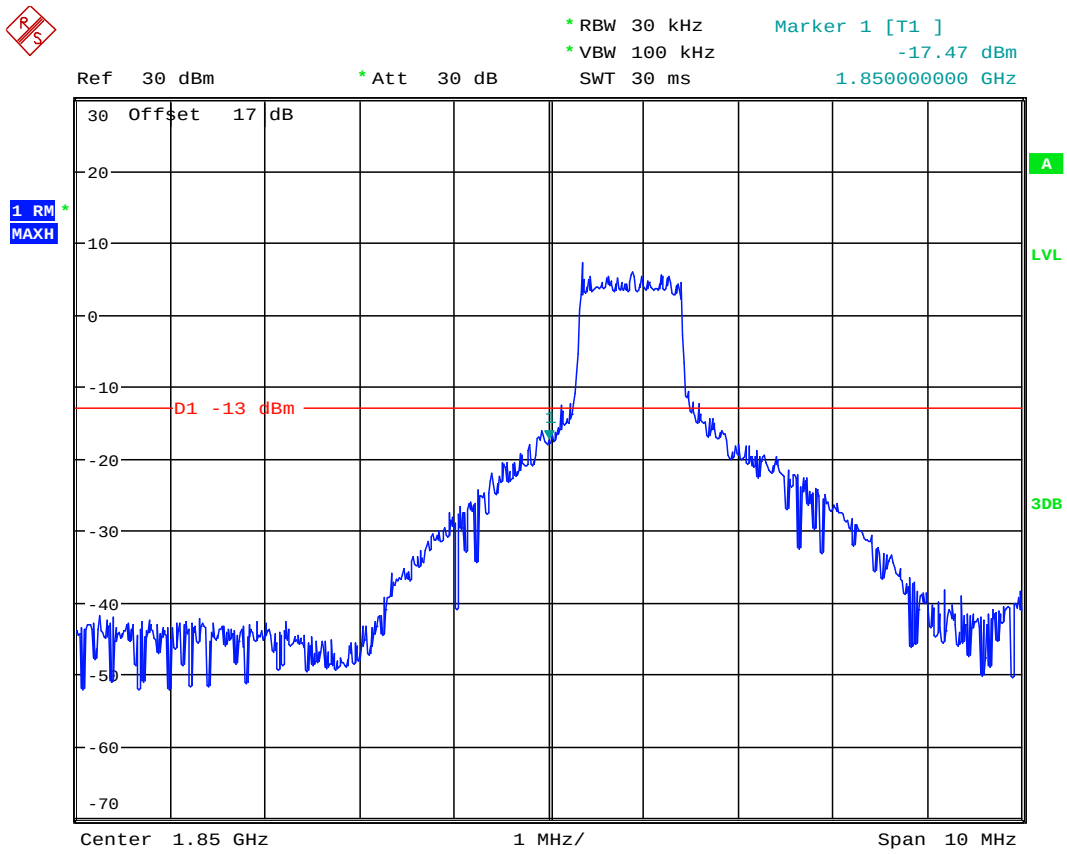
Bandedge Band2 16QAM FRB 1.4MHz CH18607
Date: 30.APR.2019 10:25:07



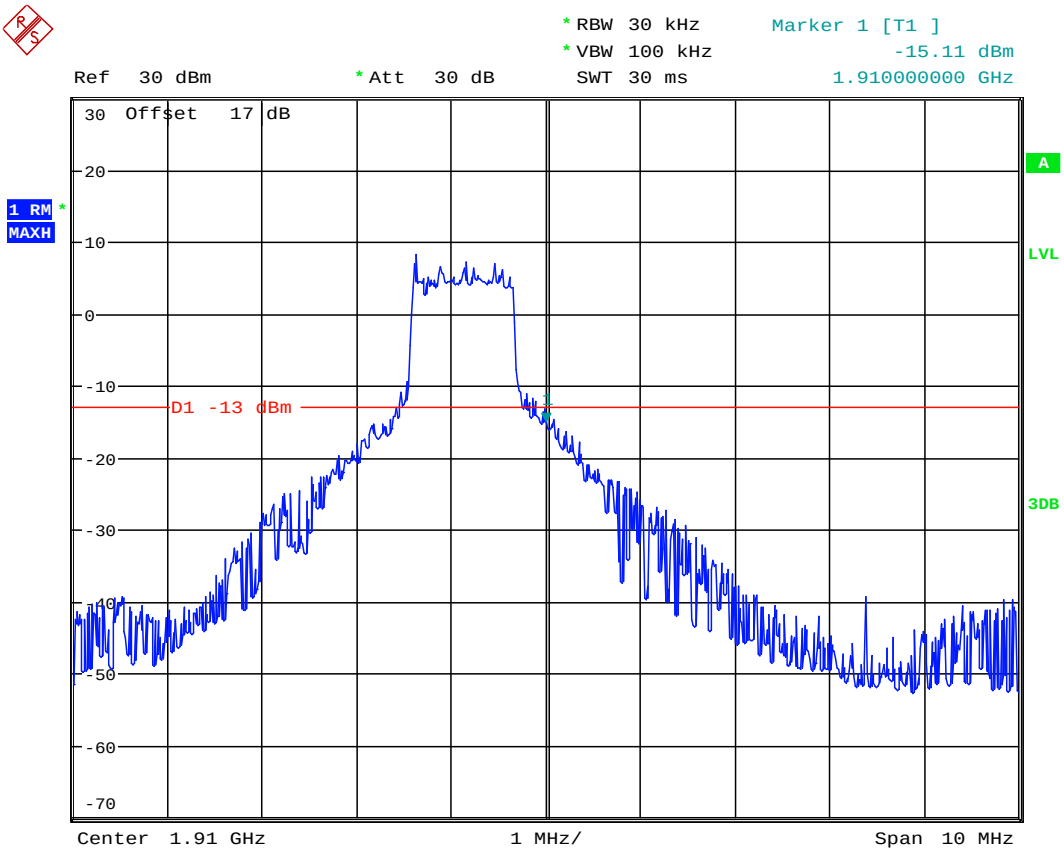
Bandedge Band2 16QAM FRB 1.4MHz CH19193

Date: 30.APR.2019 15:10:42

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



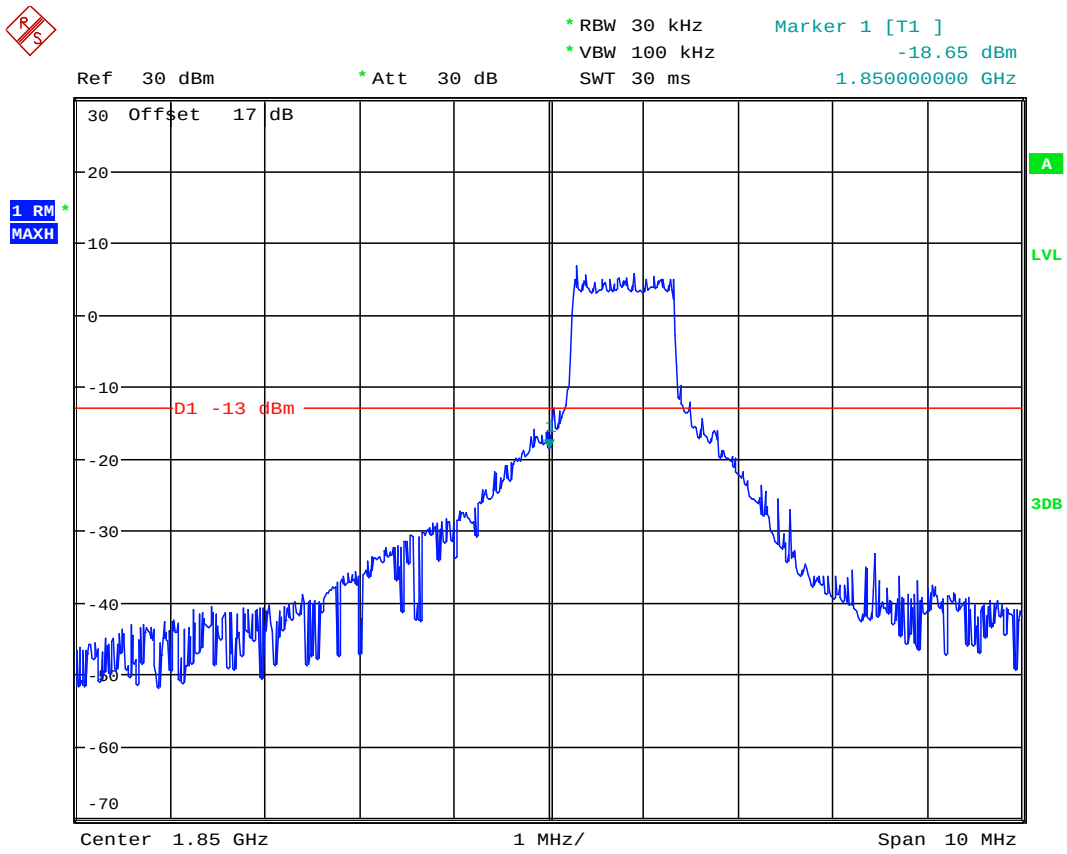
Bandedge Band2 16QAM FRB 3MHz CH18615
Date: 30.APR.2019 11:12:06



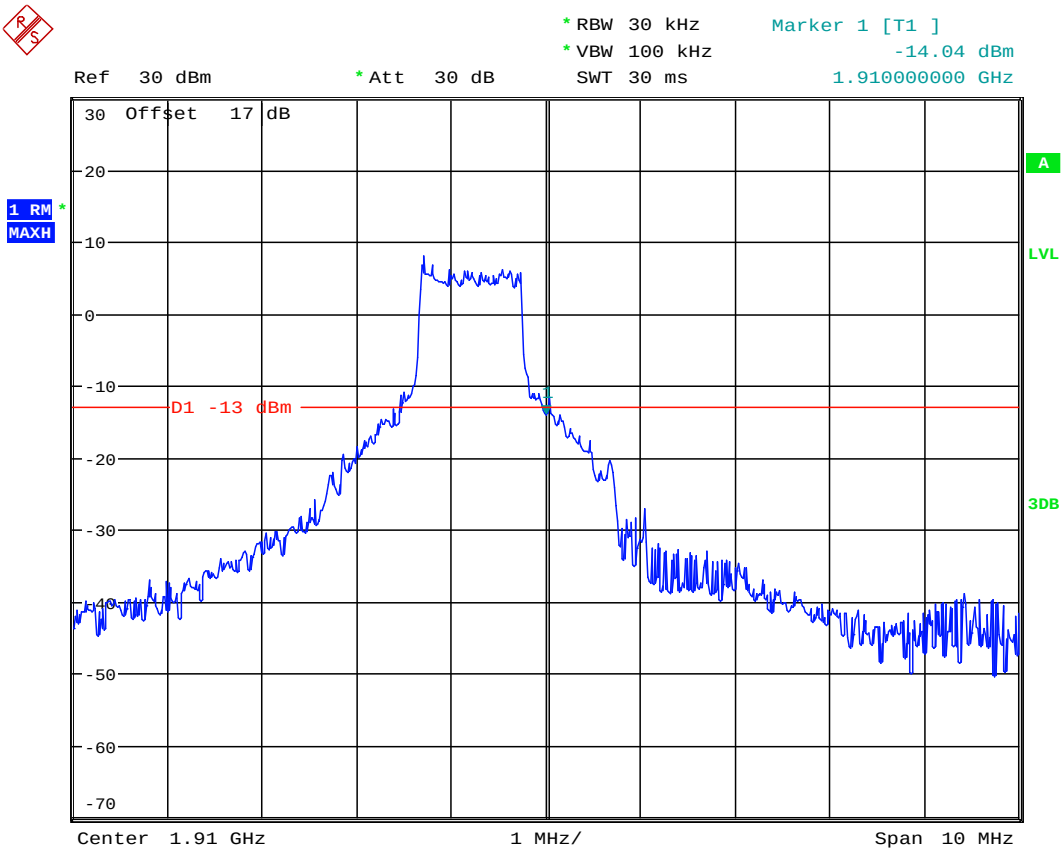
Bandedge Band2 16QAM FRB 3MHz CH19185

Date: 30.APR.2019 15:08:15

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



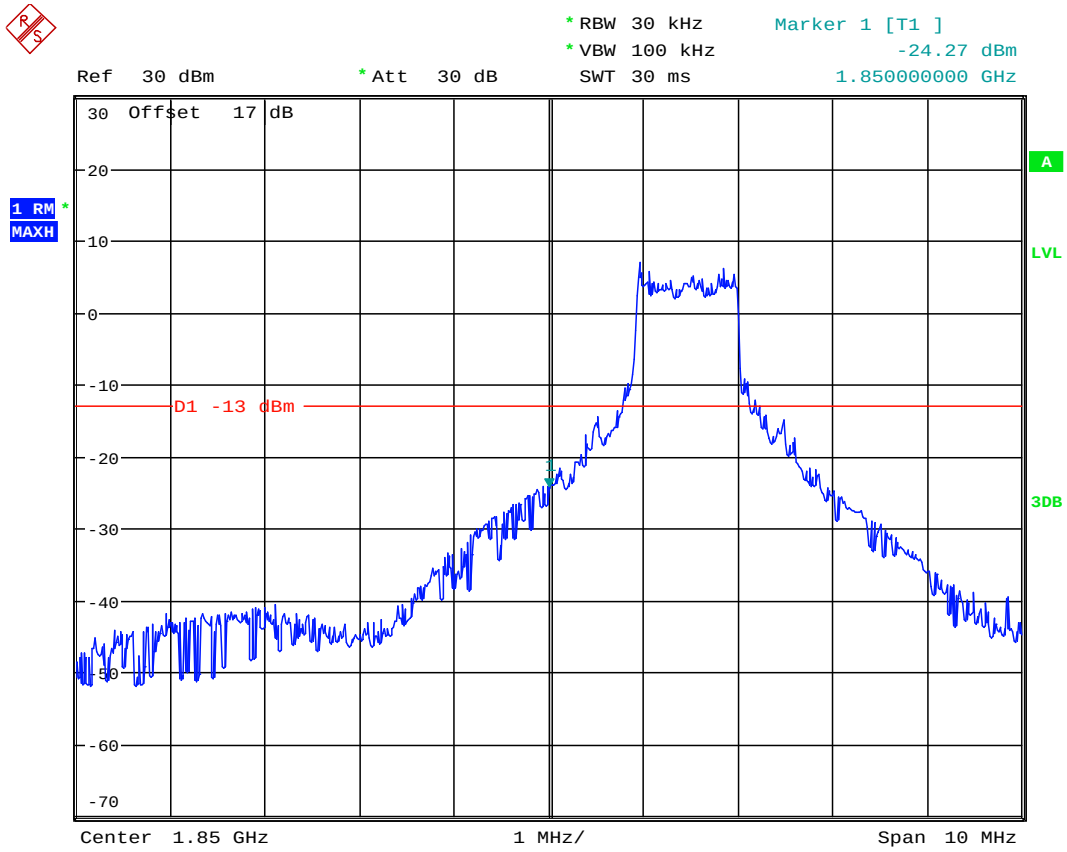
Bandedge Band2 16QAM FRB 5MHz CH18625
Date: 30.APR.2019 11:19:03



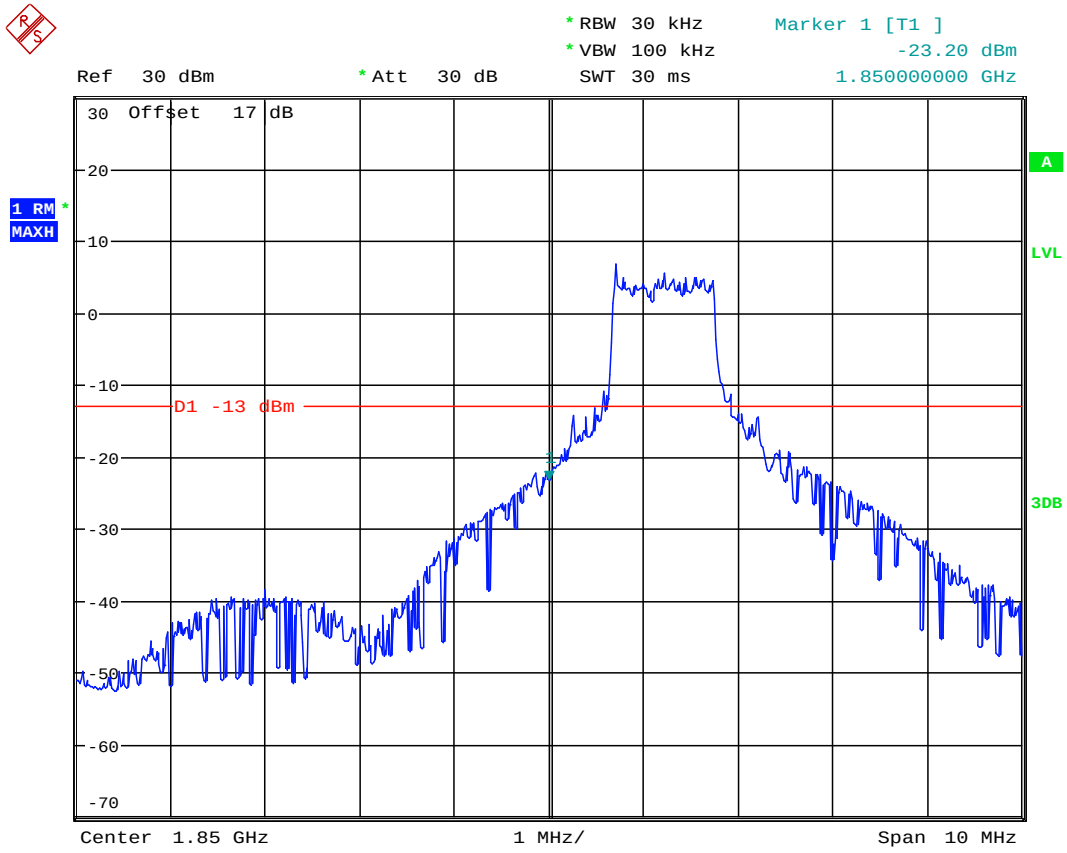
Bandedge Band2 16QAM FRB 5MHz CH19175

Date: 30.APR.2019 14:54:50

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz

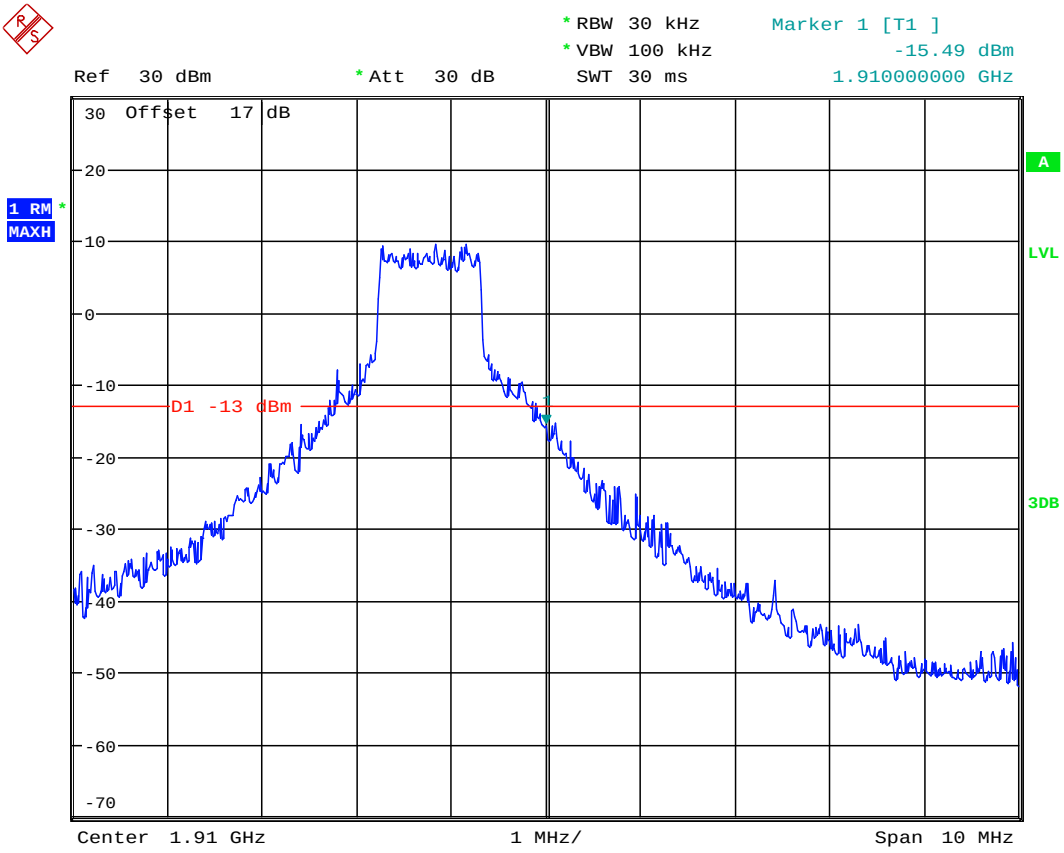


Bandedge Band2 16QAM FRB 15MHz CH18675
Date: 30.APR.2019 11:24:11



Bandedge Band2 16QAM FRB 10MHz CH18650

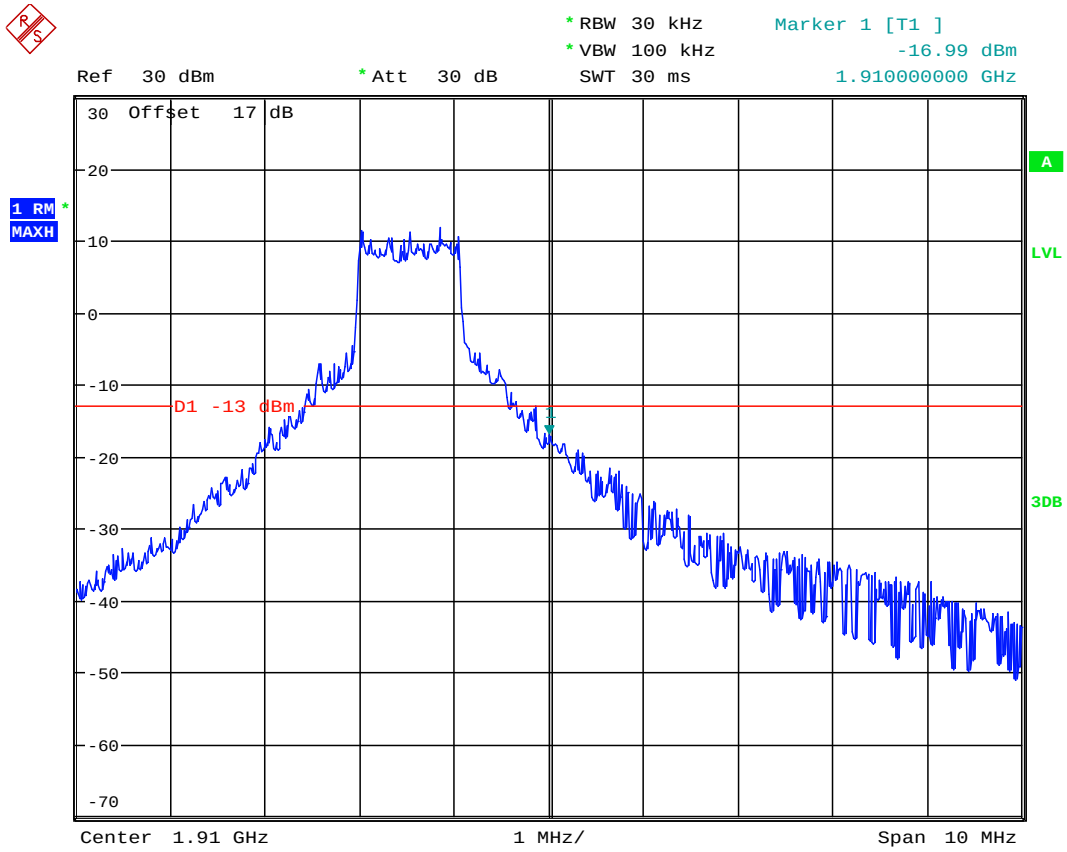
Date: 30.APR.2019 11:23:21



Bandedge Band2 16QAM FRB 10MHz CH19150

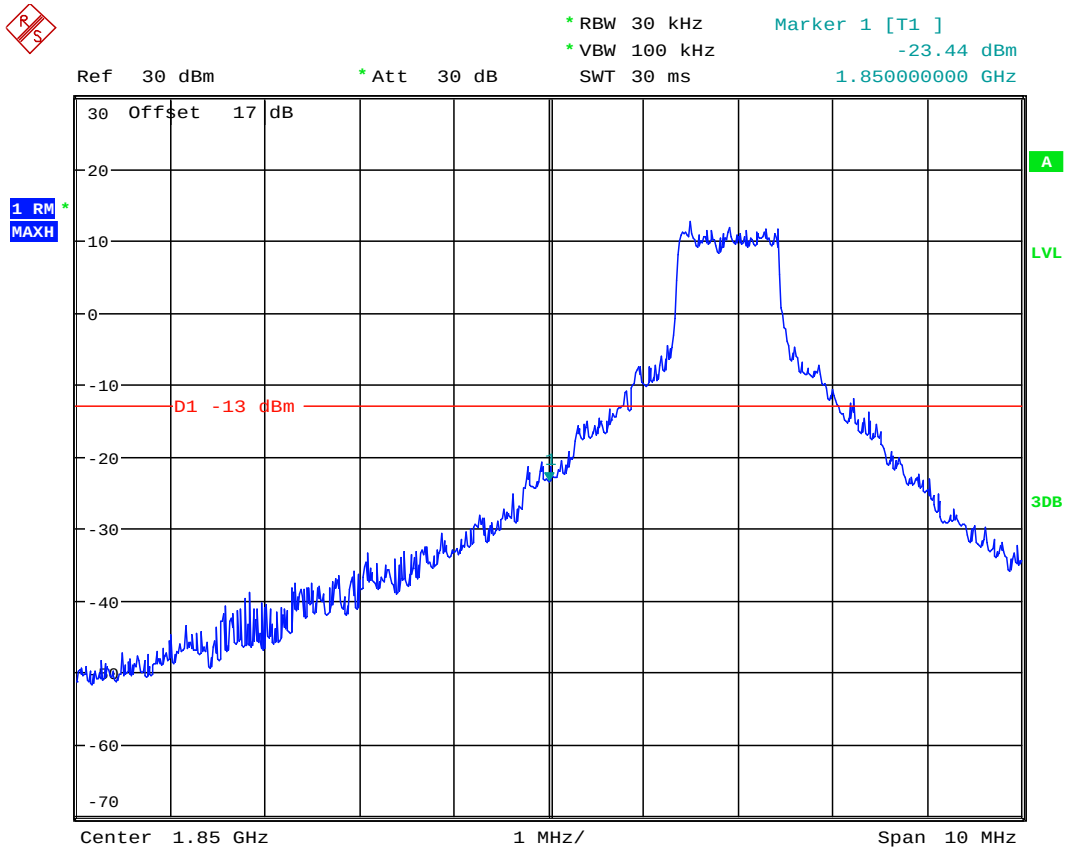
Date: 30.APR.2019 14:50:34

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz

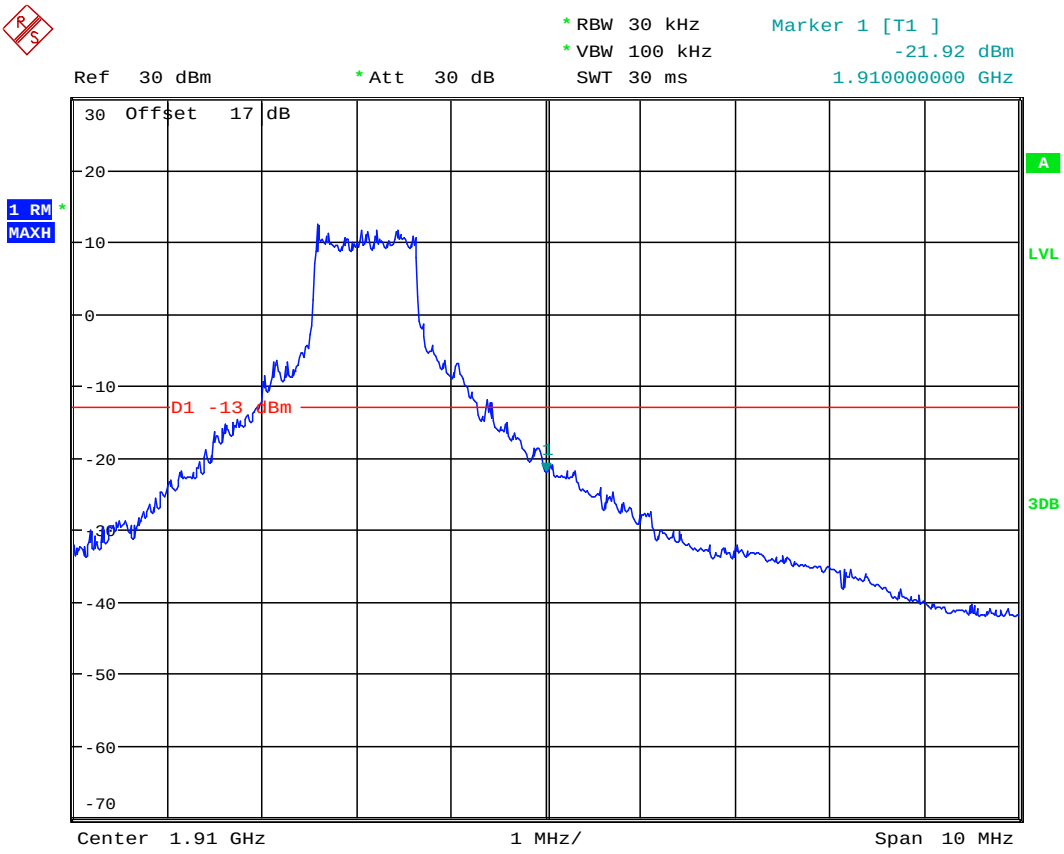


Bandedge Band2 16QAM FRB 15MHz CH19125
Date: 30.APR.2019 14:46:31

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz



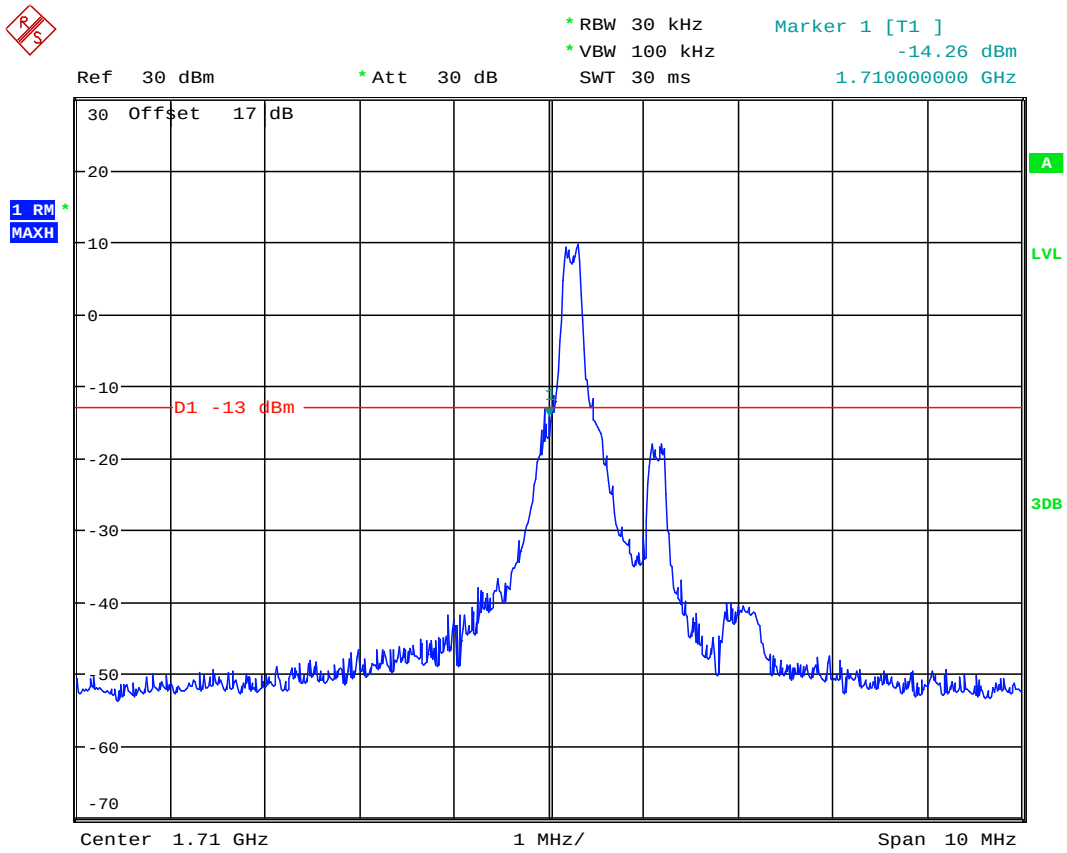
Bandedge Band2 16QAM FRB 20MHz CH18700
Date: 30.APR.2019 11:39:39



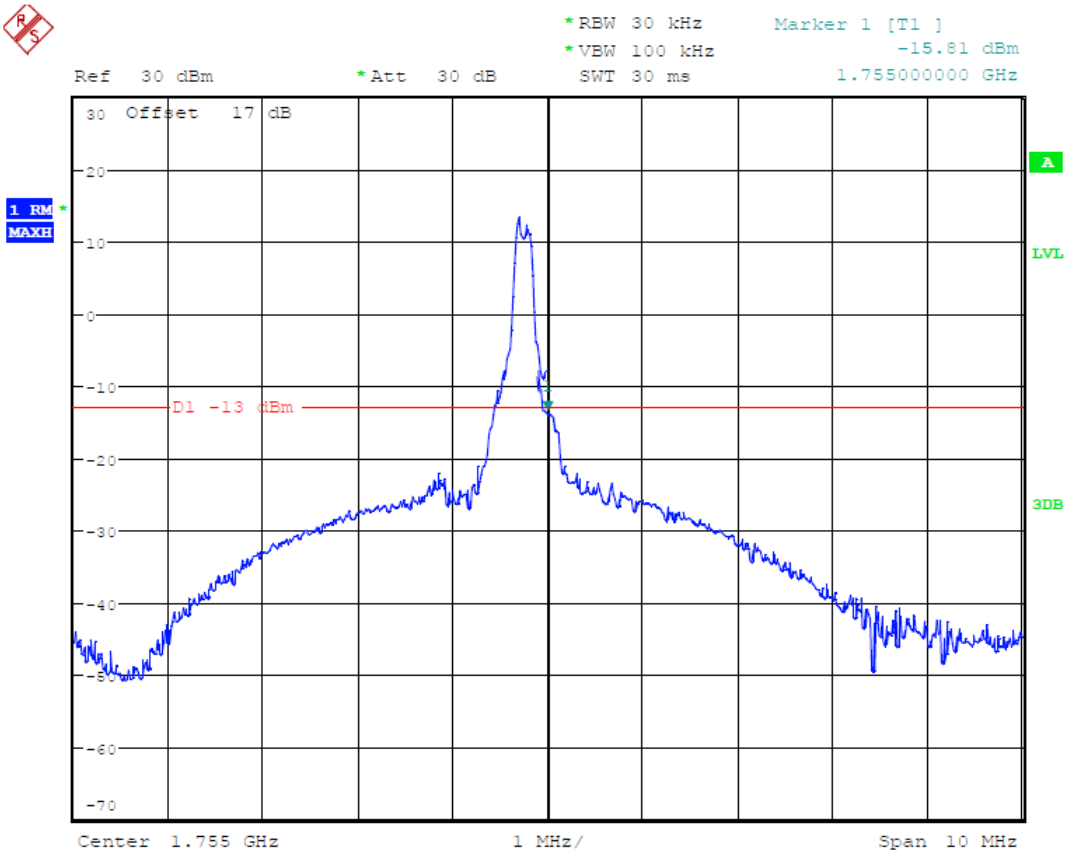
Bandedge Band2 16QAM FRB 20MHz CH19100

Date: 30.APR.2019 14:35:40

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
Band IV
QPSK
1RB
1.4MHz



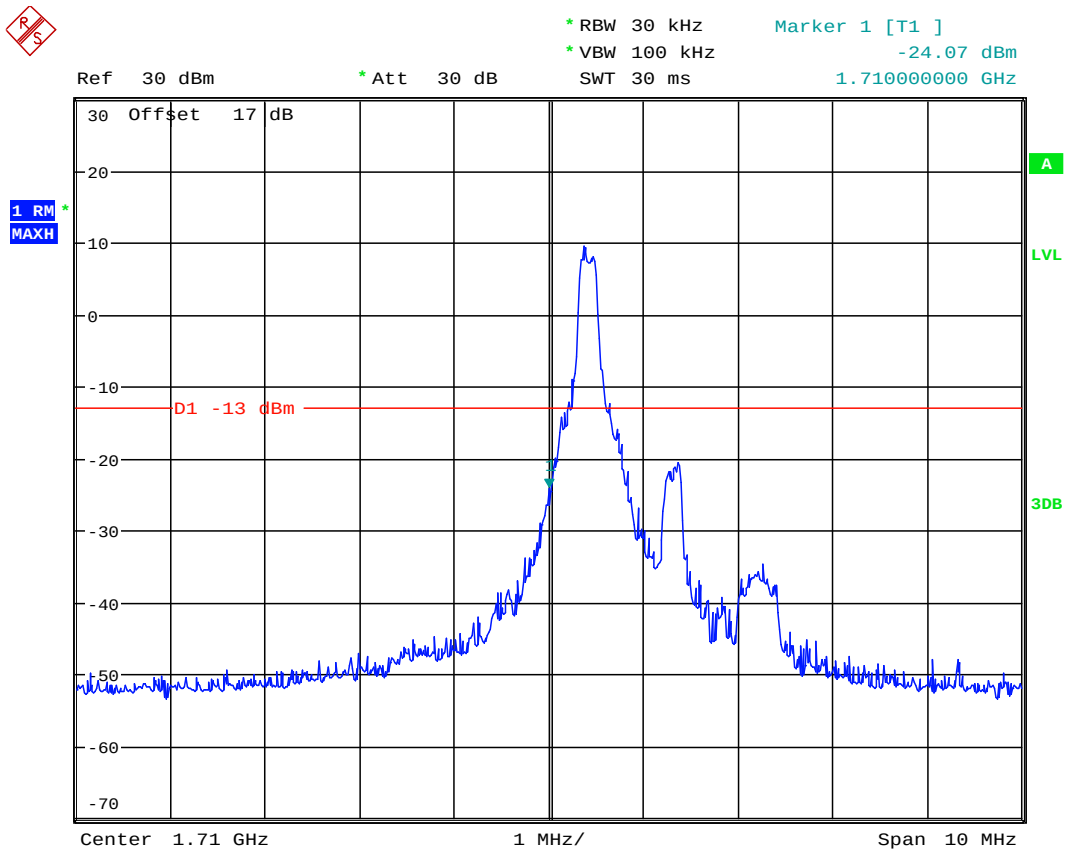
Bandedge Band4 QPSK 1RB 1.4MHz CH19957
Date: 30.APR.2019 16:51:44



Bandedge Band4 QPSK 1RB 1.4MHz CH20393

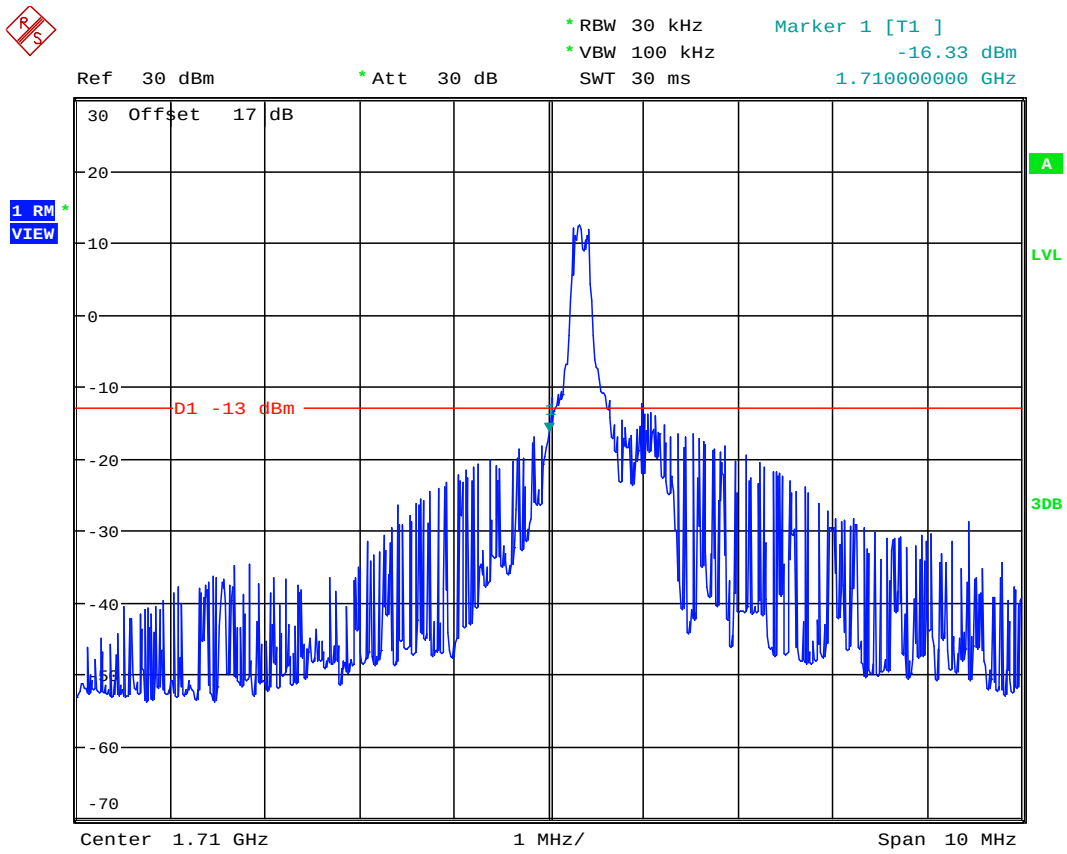
Date: 29.APR.2019 16:33:36

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz

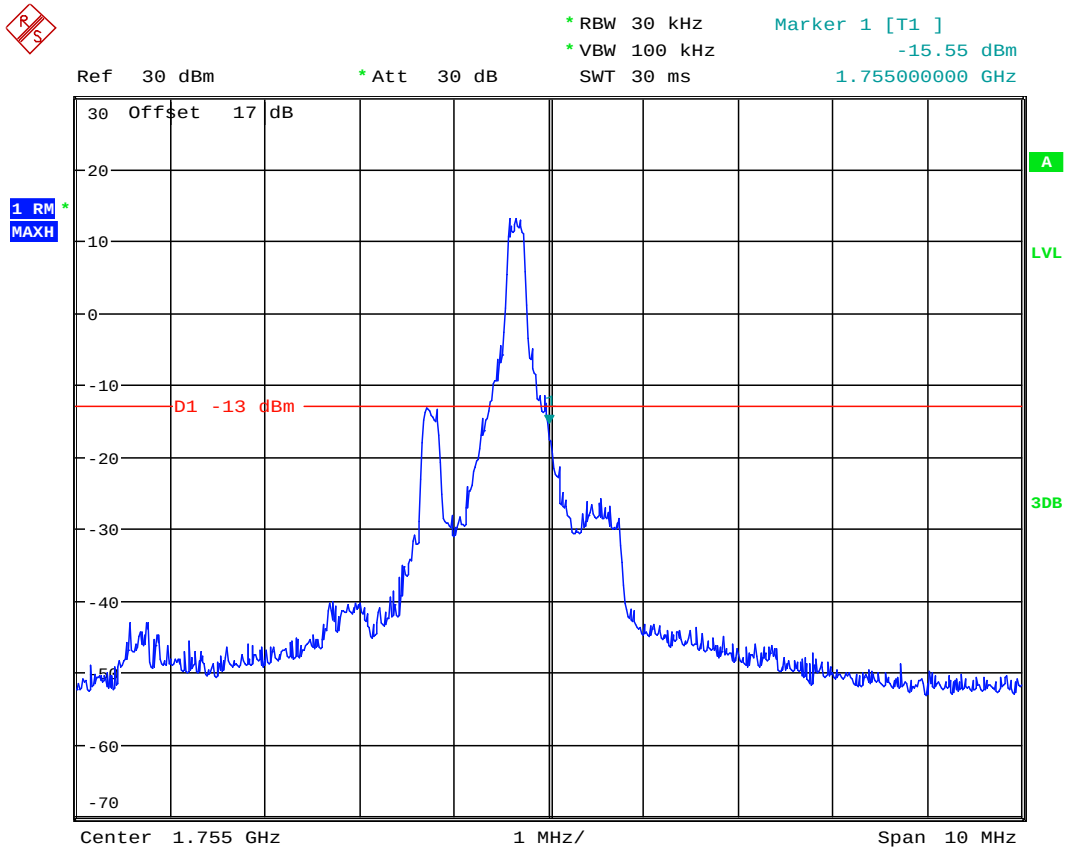


Bandedge Band4 QPSK 1RB 3MHz CH19965
Date: 30.APR.2019 17:03:53

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
5MHz



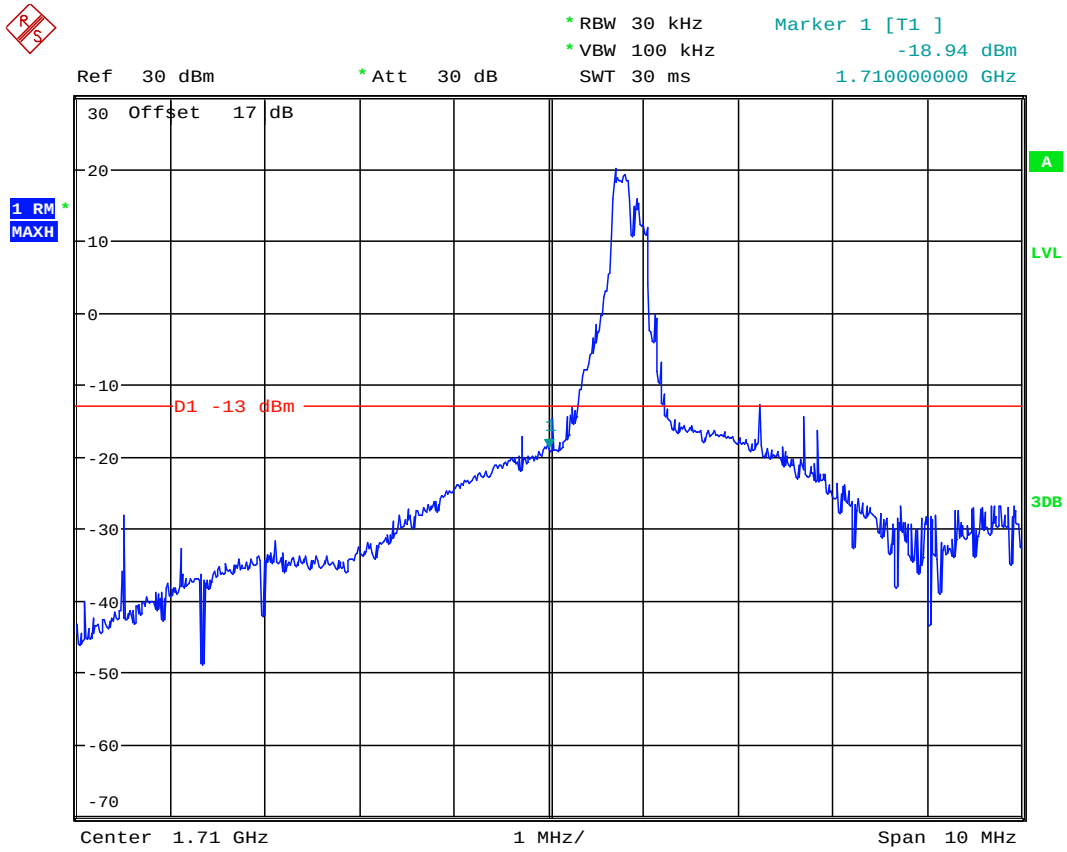
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Date: 29.APR.2019 17:31:35



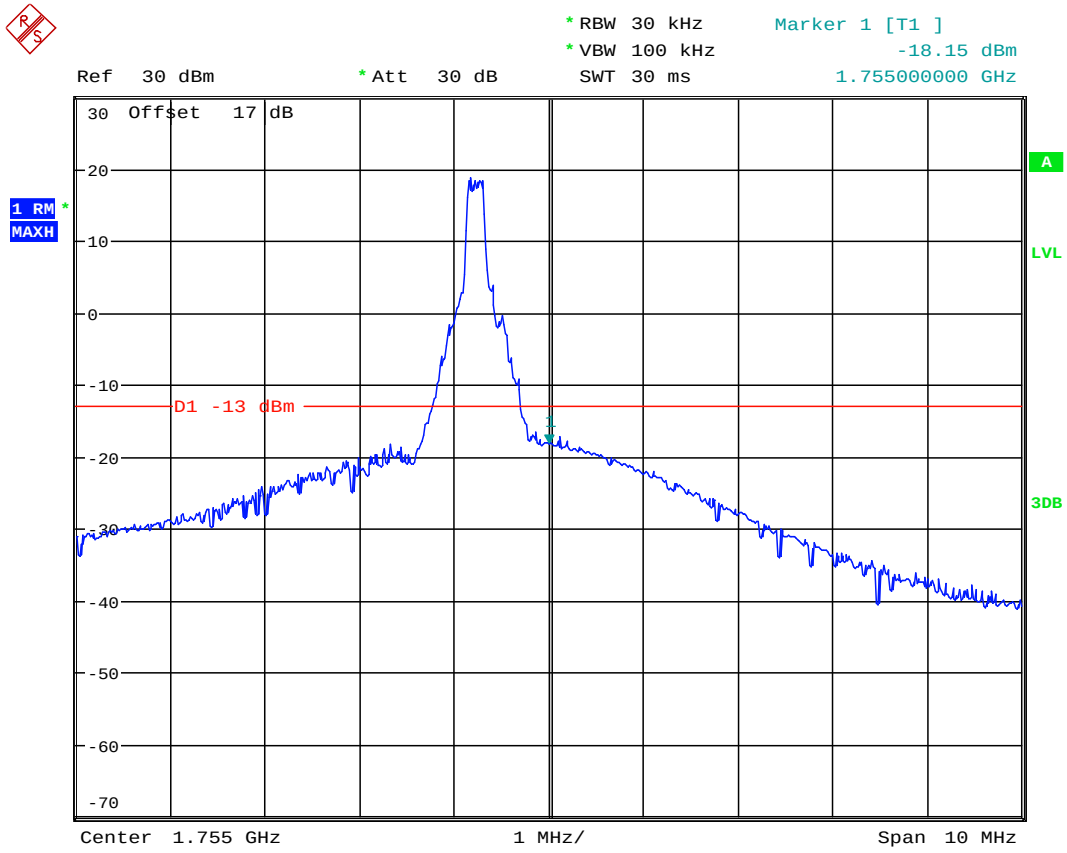
Bandedge Band4 QPSK 1RB 5MHz CH20375

Date: 29.APR.2019 16:13:53

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
10MHz



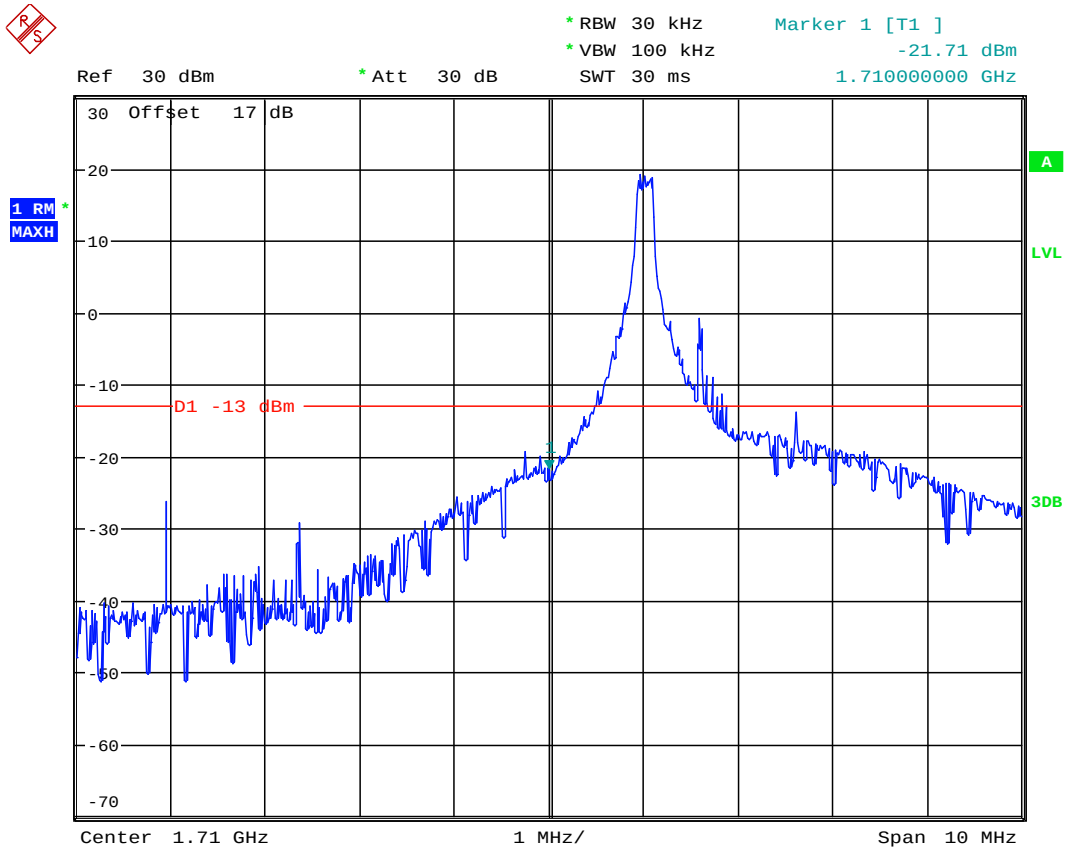
Bandedge Band4 QPSK 1RB 10MHz CH20000
Date: 29.APR.2019 17:21:02



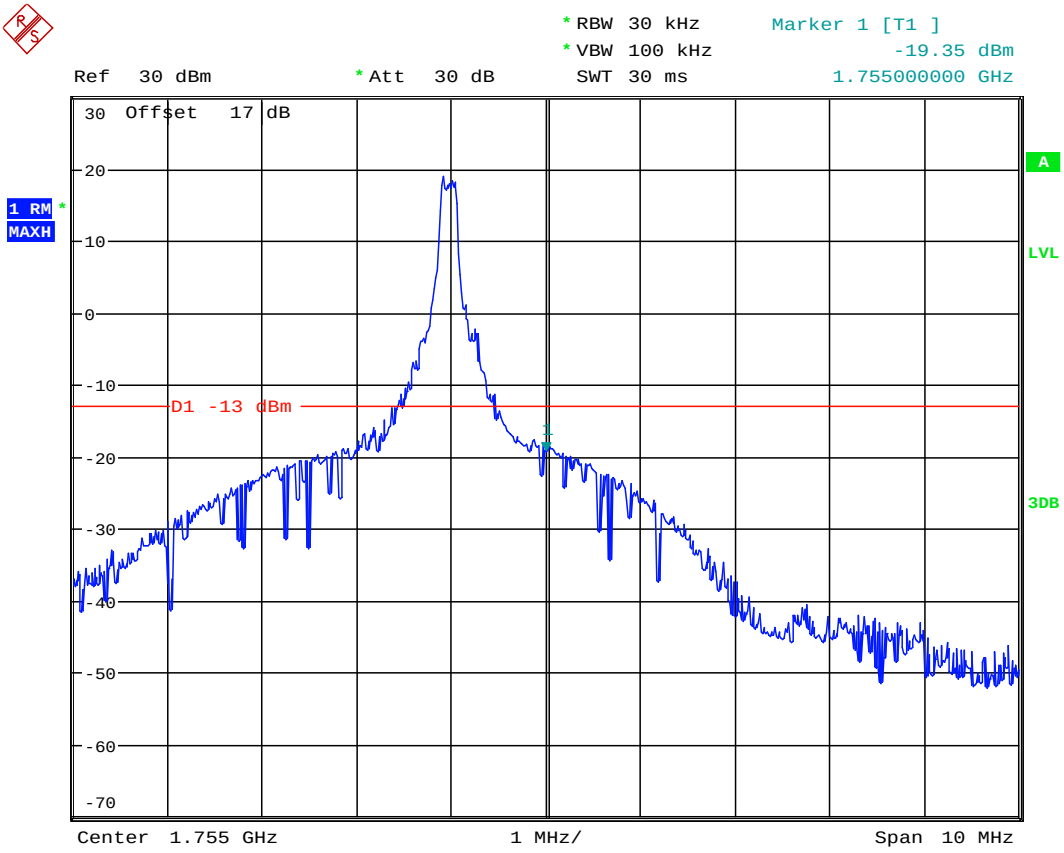
Bandedge Band4 QPSK 1RB 10MHz CH20350

Date: 29.APR.2019 15:02:28

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
15MHz



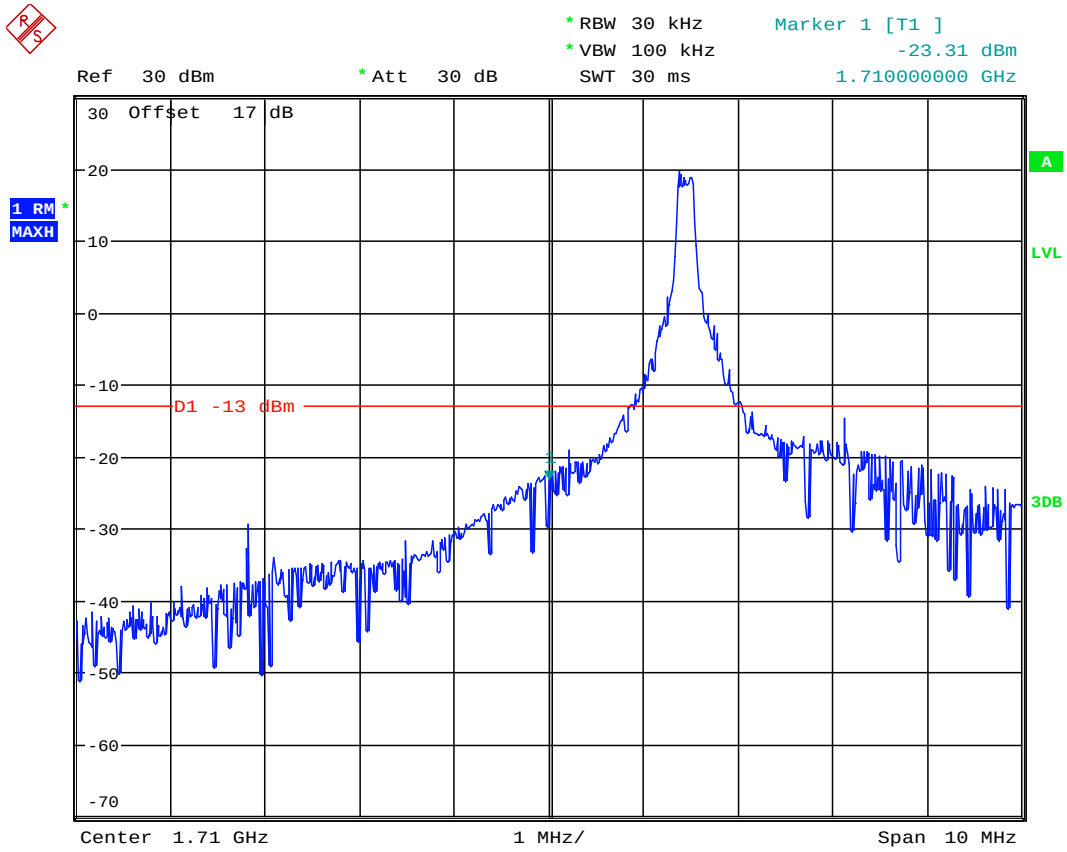
Bandedge Band4 QPSK 1RB 15MHz CH20025
Date: 29.APR.2019 17:13:13



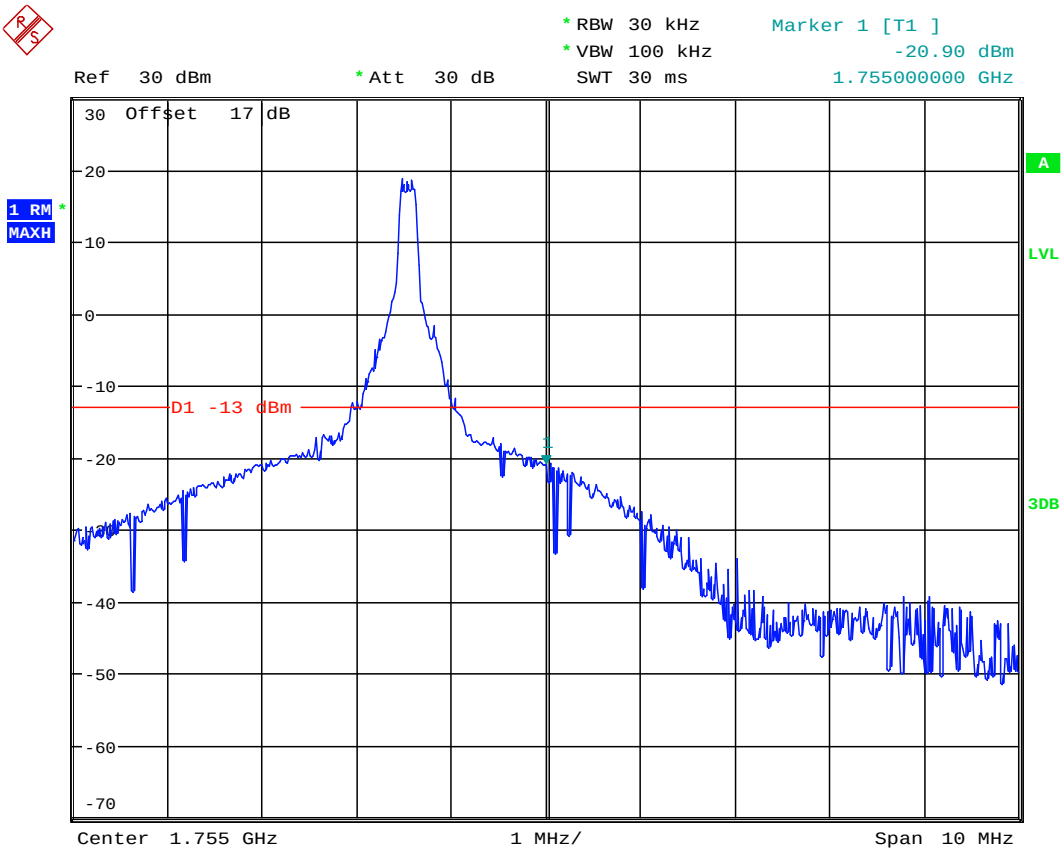
Bandedge Band4 QPSK 1RB 15MHz CH20325

Date: 29.APR.2019 14:55:55

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
20MHz



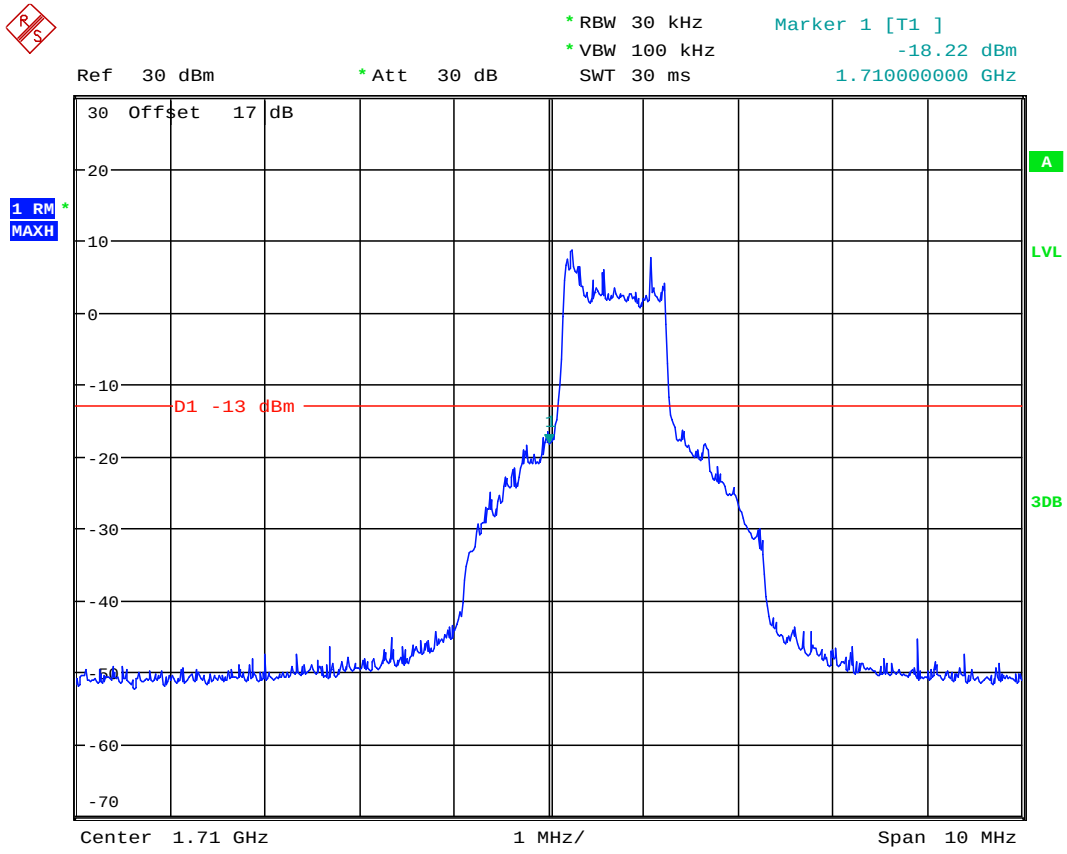
Bandedge Band4 QPSK 1RB 20MHz CH20050
Date: 29.APR.2019 17:03:45



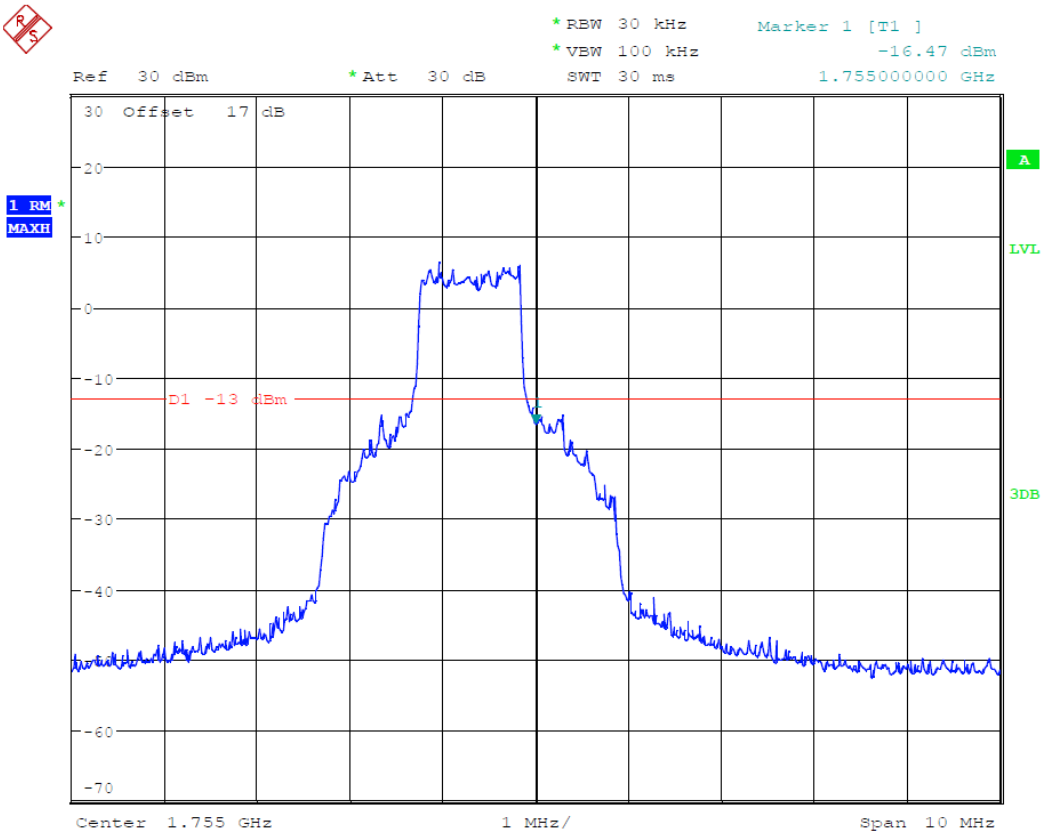
Bandedge Band4 QPSK 1RB 20MHz CH20300

Date: 29.APR.2019 14:53:07

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
FRB
1.4MHz

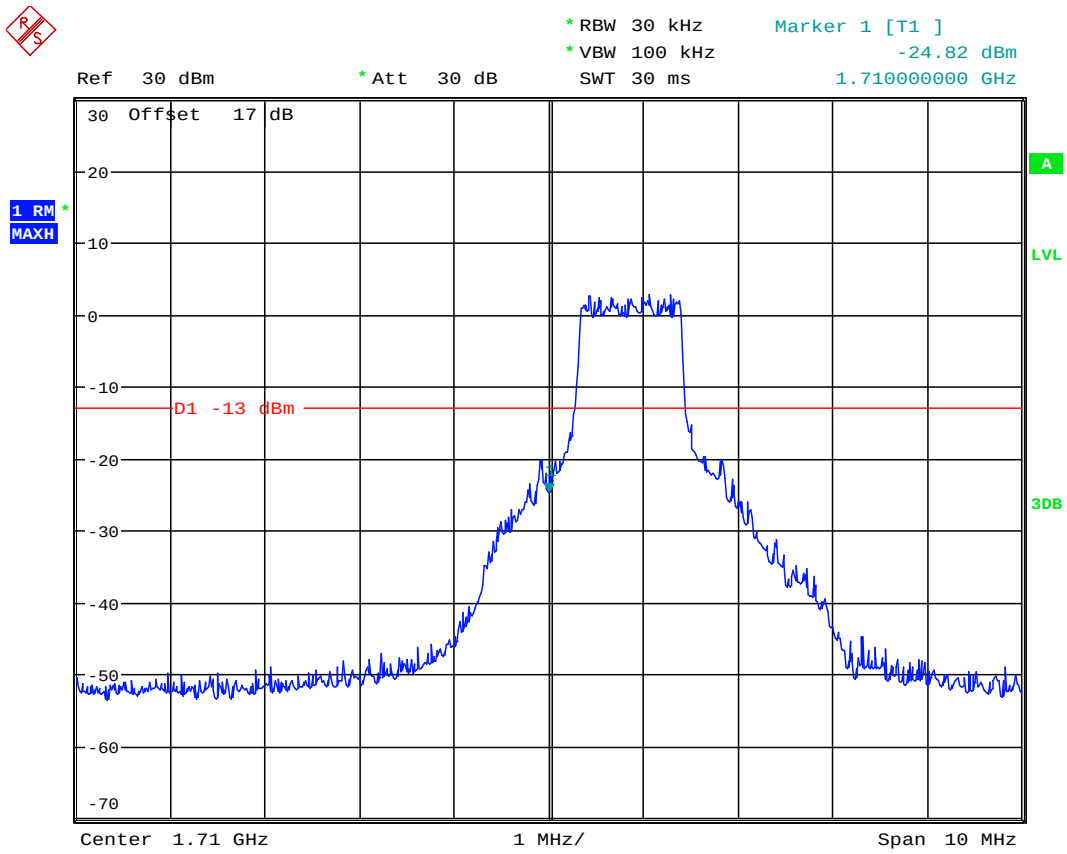


Bandedge Band4 QPSK FRB 1.4MHz CH19957
Date: 30.APR.2019 16:51:13



Bandedge Band4 QPSK FRB 1.4MHz CH20393
Date: 29.APR.2019 16:31:11

Report Number: W6M21903-18849-P-247
FCC ID: 2AENAYPZNLT
3MHz



Bandedge Band4 QPSK FRB 3MHz CH19965
Date: 30.APR.2019 17:04:16