



FCC ID: 2ASXC-TMO-SKW-01
Report No.: T200825W02-RP6



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Rev.: 01

FCC 47 CFR PART 27 SUBPART N

TEST REPORT

For

SyncUP Kids Watch

Model No.: TMUS-SKW-1, TMUS-SKW-M

Trade Name: T-Mobile

Issued to

**T-mobile Usa, Inc.
12920 Se 38th Street, Bellevue, Washington, United States, 98006.**

Issued by

**Compliance Certification Services Inc.
Wugu Laboratory
No.11, Wugong 6th Rd., Wugu Dist.,
New Taipei City 24891, Taiwan. (R.O.C.)
Issued Date: June 8, 2021**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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Revision History

Rev.	Issue Date	Revisions	Effect Page	Revised By
00	March 25, 2021	Initial Issue	ALL	Doris Chu
01	June 8, 2021	See the following Note Rev. (01)	P.12, P.10, P.38, P.73-74	Doris Chu

Rev. (01)

1. Added FCC register lab number in section 6.1.
2. Revised equipment list in section 5.2.
3. Added how to Calculation the Offset in section 8.5.
4. Added Test Configuration in section 8.7.

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1. TEST RESULT CERTIFICATION

Applicant: T-mobile Usa, Inc.
12920 Se 38th Street, Bellevue, Washington, United States,
98006.

Manufacturer: T-mobile Usa, Inc.
12920 Se 38th Street, Bellevue, Washington, United States,
98006.

Equipment Under Test: SyncUP Kids Watch

Trade Name: T-Mobile

Model No.: TMUS-SKW-1, TMUS-SKW-M

Date of Test: September 17, 2020; December 29 ~ 30, 2020

APPLICABLE STANDARDS	
Standard	TEST RESULT
FCC Part 27, Subpart C, N, FCC Part 2	No non-compliance noted
Statements of Conformity	
Determination of compliance is based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.	

The above equipment has been tested by Compliance Certification Services Inc., and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

Approved by:



Kevin Tsai
Deputy Manager
Compliance Certification Services Inc.

2. EUT DESCRIPTION

Product	SyncUP Kids Watch				
Model No.	TMUS-SKW-1, TMUS-SKW-M				
Model Discrepancy	Preload profiles in SIM IC are different, but the SIM IC is the same. TMUS-SKW-1 is T-Mobile SKU, TMUS-SKW-M is MPCS SKU.				
Trade	T-Mobile				
Received Date	August 25, 2020				
Power Supply	1. Power from Adapter. PHIHONG TECHNOLOGY / AN05A-050E I/P: 100-240VAC, 0.2A, 50-60Hz O/P: 5.0VDC, 1.0A 2. Power from Battery. EVE / P0963 Rated Capacity: 3.85V, 495mAh, 1.91Wh				
Modulation Technology	LTE Band 71	QPSK, 16QAM			
	LTE Band 71 Channel Bandwidth: 5MHz	665.5MHz ~695.5MHz			
	LTE Band 71 Channel Bandwidth: 10MHz	668.0MHz ~693.0MHz			
	LTE Band 71 Channel Bandwidth: 15MHz	670.5MHz ~690.5MHz			
	LTE Band 71 Channel Bandwidth: 20MHz	673.0MHz ~688.0MHz			
Transmit Power (ERP Power)	LTE Band 71 Channel Bandwidth: 5MHz	QPSK	9.74	dBm	
		16QAM	8.64	dBm	
	LTE Band 71 Channel Bandwidth: 10MHz	QPSK	9.76	dBm	
		16QAM	8.66	dBm	
	LTE Band 71 Channel Bandwidth: 15MHz	QPSK	9.77	dBm	
	16QAM	8.67	dBm		
	LTE Band 71 Channel Bandwidth: 15MHz	QPSK	9.77	dBm	
		16QAM	8.67	dBm	
	LTE Band 71 Channel Bandwidth: 20MHz	QPSK	9.83	dBm	
	16QAM	8.70	dBm		
Antenna Specification	Antenna type: PIFA Antenna Band 71: -10.77 dBi				

Remark:

- For more details, please refer to the User's manual of the EUT.
- Disclaimer: Antenna information is provided by the applicant, test results of this report are applicable to the sample EUT received.
- Disclaimer: The variant model numbers / trademarks are assessed as identical in hardware and software to each other, hence all variants are fully covered by the test results in this test report without further verification test.

3. TEST METHODOLOGY

3.1 DESCRIPTION OF TEST TYPE

The EUT (model: TMUS-SKW-1) had been tested under operating condition.

Software used to control the EUT for staying in continuous transmitting mode was programmed.

LTE Band 71: 665.5 MHz ~ 695.5 MHz

Three channels had been tested for each channel bandwidth.

Channel Bandwidth	5MHz		10MHz		15MHz		20MHz	
	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
Low channel (L)	133147	665.5	133172	668	133197	670.5	133222	673
Middle channel (M)	133297	680.5	133297	680.5	133297	680.5	133297	680.5
High channel (H)	133447	695.5	133422	693	133397	690.5	133372	688

3.2 THE WORST MODE OF MEASUREMENT

3.2.1 The worst mode of measurement

Radiated Emission Measurement Above 1G	
Test Condition	Radiated Emission Above 1G
Power supply Mode	Mode 1: EUT power by Adapter Mode 2: EUT power by Battery
Worst Mode	☒ Mode 1 ☐ Mode 2 ☐ Mode 3 ☐ Mode 4
Worst Position	☐ Placed in fixed position. ☐ Placed in fixed position at X-Plane (E2-Plane) ☒ Placed in fixed position at Y-Plane (E1-Plane) ☐ Placed in fixed position at Z-Plane (H-Plane)

Radiated Emission Measurement Below 1G	
Test Condition	Radiated Emission Below 1G
Power supply Mode	Mode 1: EUT power by Adapter Mode 2: EUT power by Battery
Worst Mode	☒ Mode 1 ☐ Mode 2 ☐ Mode 3 ☐ Mode 4

Remark:

1. The worst mode was record in this test report.
2. EUT pre-scanned in three axis ,X,Y, Z and two polarity, for radiated measurement. The worst case(Y-Plane) were recorded in this report

4. TEST SUMMARY

FCC Standard Section	Report Section	Test Item	Result
-	2	Antenna Requirement	Pass
27.50(c)	8.1	ERP Measurement	Pass
2.1055, 27.54	8.2	Frequency Stability v.s. temperature measurement	Pass
2.1049	8.3	Occupied Bandwidth Measurement	Pass
27.50(d)	8.4	Peak to Average Ratio	Pass
27.53(g)	8.5	Conducted Band Edge	Pass
27.53(g)	8.6	Conducted Spurious Emission	Pass
27.53(g)	8.7	Spurious Radiation Measurement	Pass

5. INSTRUMENT CALIBRATION

5.1 MEASURING INSTRUMENT CALIBRATION

The measuring equipment, which was utilized in performing the tests documented herein, has been calibrated in accordance with the manufacturer's recommendations for utilizing calibration equipment, which is traceable to recognized national standards.

5.2 MEASUREMENT EQUIPMENT USED

Equipment Used for Emissions Measurement

Remark: Each piece of equipment is scheduled for calibration once a year.

Test Date for September 17, 2020

RF Conducted Test Site					
Equipment	Manufacturer	Model	S/N	Cal Date	Cal Due
Coaxial Cable	Woken	WC12	CC001	06/29/2020	06/28/2021
Signal Analyzer	R&S	FSV 40	101073	09/25/2019	09/24/2020
Wideband Radio Communication Tester	R&S	CMW 500	116875	07/19/2020	07/18/2021
Software	N/A				

Test Date for December 29 ~ 30, 2020

RF Conducted Test Site					
Equipment	Manufacturer	Model	S/N	Cal Date	Cal Due
Coaxial Cable	Woken	WC12	CC001	06/29/2020	06/28/2021
Radio Communication Analyzer	Anritsu	MT-8820C	6201240043	07/17/2020	07/16/2021
Signal Analyzer	R&S	FSV 40	101073	09/17/2020	09/16/2021
Software	N/A				

3M 966 Chamber Test Site					
Equipment	Manufacturer	Model	S/N	Cal Date	Cal Due
Band Reject Filters	MICRO TRONICS	BRM 50702	120	02/25/2020	02/24/2021
Bilog Antenna	Sunol Sciences	JB3	A030105	07/24/2020	07/23/2021
Coaxial Cable	HUBER SUHNER	SUCOFLEX 104PEA	20995	02/25/2020	02/24/2021
Coaxial Cable	EMCI	EMC105	190914+327109/4	09/19/2020	09/18/2021
Digital Thermo-Hygro Meter	WISEWIND	1206	D07	01/15/2020	01/14/2021
double Ridged Guide Horn Antenna	ETC	MCTD 1209	DRH13M02003	09/30/2020	09/29/2021
Loop Ant	COM-POWER	AL-130	121051	03/27/2020	03/26/2021
Pre-Amplifier	EMEC	EM330	060609	02/25/2020	02/24/2021
Pre-Amplifier	HP	8449B	3008A00965	02/25/2020	02/24/2021
PSA Series Spectrum Analyzer	Agilent	E4446A	MY46180323	07/24/2020	07/23/2021
Antenna Tower	CCS	CC-A-1F	N/A	N.C.R	N.C.R
Controller	CCS	CC-C-1F	N/A	N.C.R	N.C.R
Turn Table	CCS	CC-T-1F	N/A	N.C.R	N.C.R
Horn Antenna	SCHWARZBECK	BBHA 9120D	779	03/09/2020	03/08/2021
Bilog Antenna	Sunol Sciences	JB1	A052609	02/23/2020	02/22/2021
S.G.	Agilent	E8257C	US42340383	07/21/2020	07/20/2021
Radio Communication Analyzer	Anritsu	MT-8820C	6201240043	07/17/2020	07/16/2021
Software	e3 6.11-20180413				

5.3 MEASUREMENT UNCERTAINTY

PARAMETER	UNCERTAINTY
AC Powerline Conducted Emission	+/- 1.2575
Emission bandwidth, 20dB bandwidth	+/- 0.0014
RF output power, conducted	+/- 1.14
Power density, conducted	+/- 1.40
3M Semi Anechoic Chamber / 30M~200M	+/- 4.12
3M Semi Anechoic Chamber / 200M~1000M	+/- 4.68
3M Semi Anechoic Chamber / 1G~8G	+/- 5.18
3M Semi Anechoic Chamber / 8G~18G	+/- 5.47
3M Semi Anechoic Chamber / 18G~26G	+/- 3.81
3M Semi Anechoic Chamber / 26G~40G	+/- 3.87

Remark: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.

6. FACILITIES AND ACCREDITATIONS

6.1 FACILITIES

All measurement facilities used to collect the measurement data are located at

☐ No.199, Chunghsen Road, Hsintien City, Taipei Hsien, Taiwan, R.O.C.

Tel: 886-2-2217-0894 / Fax: 886-2-2217-1029

☒ No.11, Wugong 6th Rd., Wugu Dist., New Taipei City 24891, Taiwan. (R.O.C.)

Tel: 886-2-2299-9720 / Fax: 886-2-2298-4045

Canada Regisreation number: 2324G

The lab has been recognized as the FCC accredited lad under the KDB 974614 D01 and is listed in the FCC pubic Access Link (PAL) database, FCC Registration No. :444940, the FCC Designation No.:TW1309

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10: 2013 and CISPR Publication 22.

6.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, biconical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

7. SETUP OF EQUIPMENT UNDER TEST

7.1 SETUP CONFIGURATION OF EUT

See test photographs attached in Appendix I for the actual connections between EUT and support equipment.

7.2 SUPPORT EQUIPMENT

No.	Equipment	Brand	Model	Series No.	FCC ID
1	NB(J)	TOSHIBA	PT345T-00L002	N/A	PD97260H
2	DC Power Supplies	GW Instek	SPS-3610	GPE880163	N/A

Remark:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

8. TEST PROCEDURE AND RESULT

8.1 ERP MEASUREMENT

LIMIT

According to FCC §2.1046

FCC 27.50 (c) (10): The portable stations (hand-held devices) in the 600MHz uplink band and the 698-746MHz band, and fixed and mobile stations in the 600MHz uplink band are limited to 3 Watts ERP.

TEST PROCEDURES

CONDUCTED POWER MEASUREMENT:

1. The transmitter output power was connected to the call box.
2. Set EUT at maximum output power via call box.
3. Set Call box at lowest, middle and highest channels for each band and modulation.

TEST RESULTS

No non-compliance noted.

TEST RESULTS

Temperature: 24.1°C

Humidity: 50.5% RH

Tested by: Rick Lee

Test date: December 30, 2020

LTE Band 71

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power(dBm)	ERP Power (dBm)
Band 71	5M	133147	665.5	QPSK	1	0	0	22.66	9.74
					1	12	0	22.45	9.53
					1	24	0	22.42	9.50
					12	0	1	21.55	8.63
					12	6	1	21.49	8.57
					12	11	1	21.50	8.58
					25	0	1	21.60	8.68
				16QAM	1	0	1	21.48	8.56
					1	12	1	21.56	8.64
					1	24	1	21.43	8.51
					12	0	2	20.38	7.46
					12	6	2	20.42	7.50
					12	11	2	20.42	7.50
					25	0	2	20.44	7.52
		133297	680.5	QPSK	1	0	0	22.61	9.69
					1	12	0	22.49	9.57
					1	24	0	22.53	9.61
					12	0	1	21.54	8.62
					12	6	1	21.42	8.50
					12	11	1	21.43	8.51
					25	0	1	21.39	8.47
				16QAM	1	0	1	21.45	8.53
					1	12	1	21.42	8.50
					1	24	1	21.41	8.49
					12	0	2	20.48	7.56
					12	6	2	20.46	7.54
					12	11	2	20.40	7.48
					25	0	2	20.43	7.51
		133447	695.5	QPSK	1	0	0	22.64	9.72
					1	12	0	22.51	9.59
					1	24	0	22.49	9.57
					12	0	1	21.48	8.56
					12	6	1	21.50	8.58
					12	11	1	21.49	8.57
					25	0	1	21.49	8.57
				16QAM	1	0	1	21.45	8.53
					1	12	1	21.43	8.51
					1	24	1	21.45	8.53
					12	0	2	20.41	7.49
					12	6	2	20.39	7.47
					12	11	2	20.36	7.44
					25	0	2	20.48	7.56

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power(dBm)	ERP Power (dBm)
Band 71	10M	133172	668.0	QPSK	1	0	0	22.68	9.76
					1	24	0	22.47	9.55
					1	49	0	22.44	9.52
					25	0	1	21.57	8.65
					25	12	1	21.51	8.59
					25	24	1	21.52	8.60
					50	0	1	21.62	8.70
				16QAM	1	0	1	21.50	8.58
					1	24	1	21.58	8.66
					1	49	1	21.45	8.53
					25	0	2	20.40	7.48
					25	12	2	20.44	7.52
					25	24	2	20.44	7.52
					50	0	2	20.46	7.54
		133297	680.5	QPSK	1	0	0	22.63	9.71
					1	24	0	22.51	9.59
					1	49	0	22.55	9.63
					25	0	1	21.56	8.64
					25	12	1	21.44	8.52
					25	24	1	21.45	8.53
					50	0	1	21.41	8.49
				16QAM	1	0	1	21.47	8.55
					1	24	1	21.44	8.52
					1	49	1	21.43	8.51
					25	0	2	20.50	7.58
					25	12	2	20.48	7.56
					25	24	2	20.42	7.50
					50	0	2	20.45	7.53
		133422	693.0	QPSK	1	0	0	22.67	9.75
					1	24	0	22.54	9.62
					1	49	0	22.52	9.60
					25	0	1	21.51	8.59
					25	12	1	21.53	8.61
					25	24	1	21.52	8.60
					50	0	1	21.52	8.60
				16QAM	1	0	1	21.48	8.56
					1	24	1	21.46	8.54
					1	49	1	21.48	8.56
					25	0	2	20.44	7.52
					25	12	2	20.42	7.50
					25	24	2	20.39	7.47
					50	0	2	20.51	7.59

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power(dBm)	ERP Power (dBm)
Band 71	15M	133197	670.5	QPSK	1	0	0	22.69	9.77
					1	37	0	22.48	9.56
					1	74	0	22.45	9.53
					36	0	1	21.58	8.66
					36	18	1	21.52	8.60
					36	35	1	21.53	8.61
					75	0	1	21.63	8.71
				16QAM	1	0	1	21.51	8.59
					1	37	1	21.59	8.67
					1	74	1	21.46	8.54
					36	0	2	20.41	7.49
					36	18	2	20.45	7.53
					36	35	2	20.45	7.53
					75	0	2	20.47	7.55
		133297	680.5	QPSK	1	0	0	22.64	9.72
					1	37	0	22.52	9.60
					1	74	0	22.56	9.64
					36	0	1	21.57	8.65
					36	18	1	21.45	8.53
					36	35	1	21.46	8.54
					75	0	1	21.42	8.50
				16QAM	1	0	1	21.48	8.56
					1	37	1	21.45	8.53
					1	74	1	21.44	8.52
					36	0	2	20.51	7.59
					36	18	2	20.49	7.57
					36	35	2	20.43	7.51
					75	0	2	20.46	7.54
		133397	690.5	QPSK	1	0	0	22.68	9.76
					1	37	0	22.55	9.63
					1	74	0	22.53	9.61
					36	0	1	21.52	8.60
					36	18	1	21.54	8.62
					36	35	1	21.53	8.61
					75	0	1	21.53	8.61
				16QAM	1	0	1	21.49	8.57
					1	37	1	21.47	8.55
					1	74	1	21.49	8.57
					36	0	2	20.45	7.53
					36	18	2	20.43	7.51
					36	35	2	20.40	7.48
					75	0	2	20.52	7.60

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power(dBm)	ERP Power (dBm)
Band 71	20M	133222	673.0	QPSK	1	0	0	22.72	9.80
					1	49	0	22.51	9.59
					1	99	0	22.48	9.56
					50	0	1	21.61	8.69
					50	24	1	21.55	8.63
					50	49	1	21.56	8.64
					100	0	1	21.66	8.74
				16QAM	1	0	1	21.54	8.62
					1	49	1	21.62	8.70
					1	99	1	21.49	8.57
					50	0	2	20.44	7.52
					50	24	2	20.48	7.56
					50	49	2	20.48	7.56
					100	0	2	20.50	7.58
		133322	683.0	QPSK	1	0	0	22.70	9.78
					1	49	0	22.58	9.66
					1	99	0	22.62	9.70
					50	0	1	21.63	8.71
					50	24	1	21.51	8.59
					50	49	1	21.52	8.60
					100	0	1	21.48	8.56
				16QAM	1	0	1	21.54	8.62
					1	49	1	21.51	8.59
					1	99	1	21.50	8.58
					50	0	2	20.57	7.65
					50	24	2	20.55	7.63
					50	49	2	20.49	7.57
					100	0	2	20.52	7.60
		133372	688.0	QPSK	1	0	0	22.75	9.83
					1	49	0	22.62	9.70
					1	99	0	22.60	9.68
					50	0	1	21.59	8.67
					50	24	1	21.61	8.69
					50	49	1	21.60	8.68
					100	0	1	21.60	8.68
				16QAM	1	0	1	21.56	8.64
					1	49	1	21.54	8.62
					1	99	1	21.56	8.64
					50	0	2	20.52	7.60
					50	24	2	20.50	7.58
					50	49	2	20.47	7.55
					100	0	2	20.59	7.67

8.2 FREQUENCY STABILITY MEASUREMENT

LIMIT

According to the FCC part 27.54 shall be tested the frequency stability. The rule is defined that "The frequency stability shall be sufficient to ensure that the fundamental emissions stay within the authorized bands of operation."

TEST PROCEDURE

Use Anritsu 8820 with frequency Error measurement capability.

Temp = -10°C to +55°C

Voltage= 85% to 115% of the nominal value.

NOTE: The frequency error was recorded frequency error from the communication simulator.

TEST RESULTS

Temperature: 24.1°C

Humidity: 50.5% RH

Tested by: Rick Lee

Test date: December 30, 2020

**FREQUENCY STABILITY V.S. TEMPERATURE MEASUREMENT:
LTE Band 71**

Reference Frequency: LTE Band 71 Max Bandwidth QPSK, 683 MHz				
Limit: ± 2.5 ppm = 1707.5 Hz				
Power Supply	Environment	Frequency Error	Frequency Error	Limit (ppm)
Vdc	Temperature (°C)	(Hz)	(ppm)	(ppm)
3.8	55	-0.01	-0.000015	+/- 2.5
3.8	40	0.02	0.000029	
3.8	30	-0.01	-0.000015	
3.8	20	0.00	0.000000	
3.8	10	0.01	0.000015	
3.8	0	0.02	0.000029	
3.8	-10	0.02	0.000029	

Reference Frequency: LTE Band 71 Max Bandwidth 16QAM, 683 MHz				
Limit: ± 2.5 ppm = 1707.5 Hz				
Power Supply	Environment	Frequency Error	Frequency Error	Limit (ppm)
Vdc	Temperature (°C)	(Hz)	(ppm)	(ppm)
3.8	55	0.00	0.000000	+/- 2.5
3.8	55	-0.01	-0.000015	
3.8	30	0.01	0.000015	
3.8	20	0.00	0.000000	
3.8	10	0.01	0.000015	
3.8	0	0.01	0.000015	
3.8	-10	0.00	0.000000	

**FREQUENCY STABILITY V.S. VOLTAGE MEASUREMENT:
LTE Band 71**

Reference Frequency: LTE Band 71 Max Bandwidth QPSK, 683 MHz				
Limit: ± 2.5 ppm = 1707.5 Hz				
Power Supply	Environment	Frequency Error	Frequency Error	Limit (ppm)
Vdc	Temperature (°C)	(Hz)	(ppm)	(ppm)
3.23	20	0.02	0.000029	+/- 2.5
3.8	20	0.00	0.000000	
4.37	20	-0.01	-0.000015	

Reference Frequency: LTE Band 71 Max Bandwidth 16QAM, 683 MHz				
Limit: ± 2.5 ppm = 1707.5 Hz				
Power Supply	Environment	Frequency Error	Frequency Error	Limit (ppm)
Vdc	Temperature (°C)	(Hz)	(ppm)	(ppm)
3.23	20	0.01	0.000015	+/- 2.5
3.8	20	0.00	0.000000	
4.37	20	-0.01	-0.000015	

8.3 OCCUPIED BANDWIDTH MEASUREMENT

LIMITS

The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 % of the total mean power of a given emission.

TEST PROCEDURES

KDB 971168 D01 Power Meas License Digital Systems – Section 4.2

1. The occupied bandwidth was measured with the spectrum analyzer at the lowest, middle and highest channels in each band and different modulation. The 99% and -26dB bandwidth was measured and recorded.
2. RBW = 1-5% of the expected OBW
3. VBW $\geq 3 \times$ RBW
4. Detector = Peak
5. Trace mode = max. hold

TEST RESULTS

Temperature: 24.1°C

Humidity: 50.5% RH

Tested by: Rick Lee

Test date: September 17, 2020

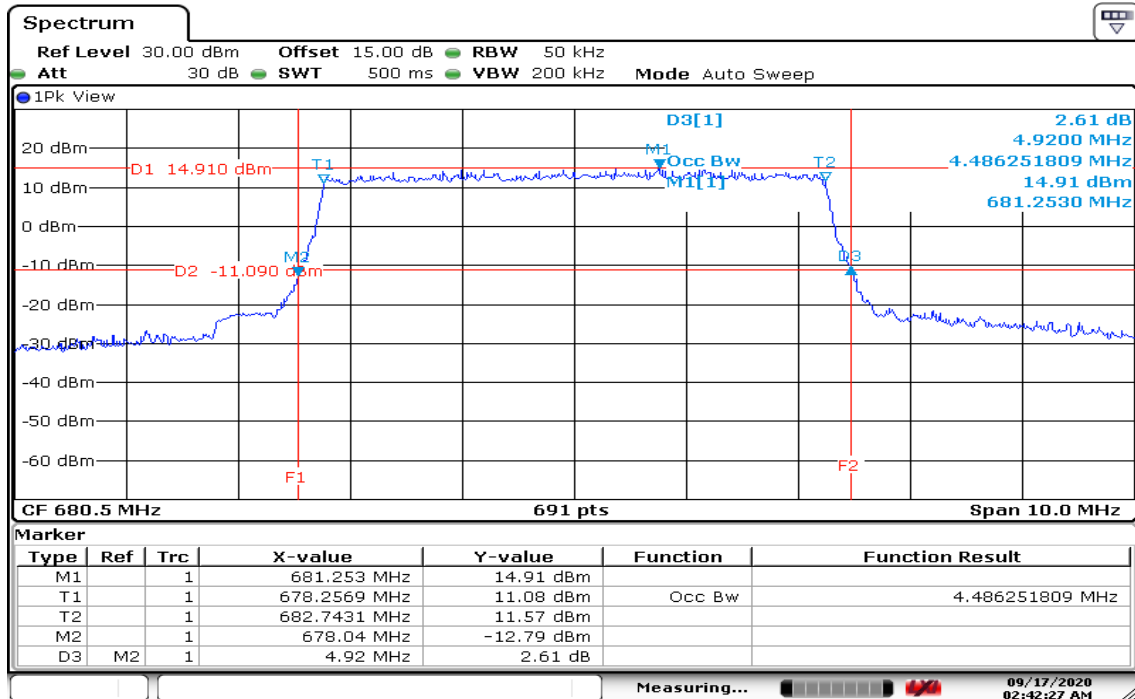
LTE Band 71

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	OBW(99%)(MHz)	26 dB Bandwidth(MHz)
71	5	Middle	680.5	QPSK	4.4863	4.9200
		Middle	680.5	16QAM	4.4573	4.8910
	10	Middle	680.5	QPSK	8.8857	9.6380
		Middle	680.5	16QAM	8.8857	9.6090
	15	Middle	680.5	QPSK	13.3285	14.5300
		Middle	680.5	16QAM	13.3285	14.5300
	20	Middle	680.5	QPSK	17.7713	19.5080
		Middle	680.5	16QAM	17.7713	19.5660

LTE Band 71

CHANNEL BANDWIDTH: 5MHz / QPSK

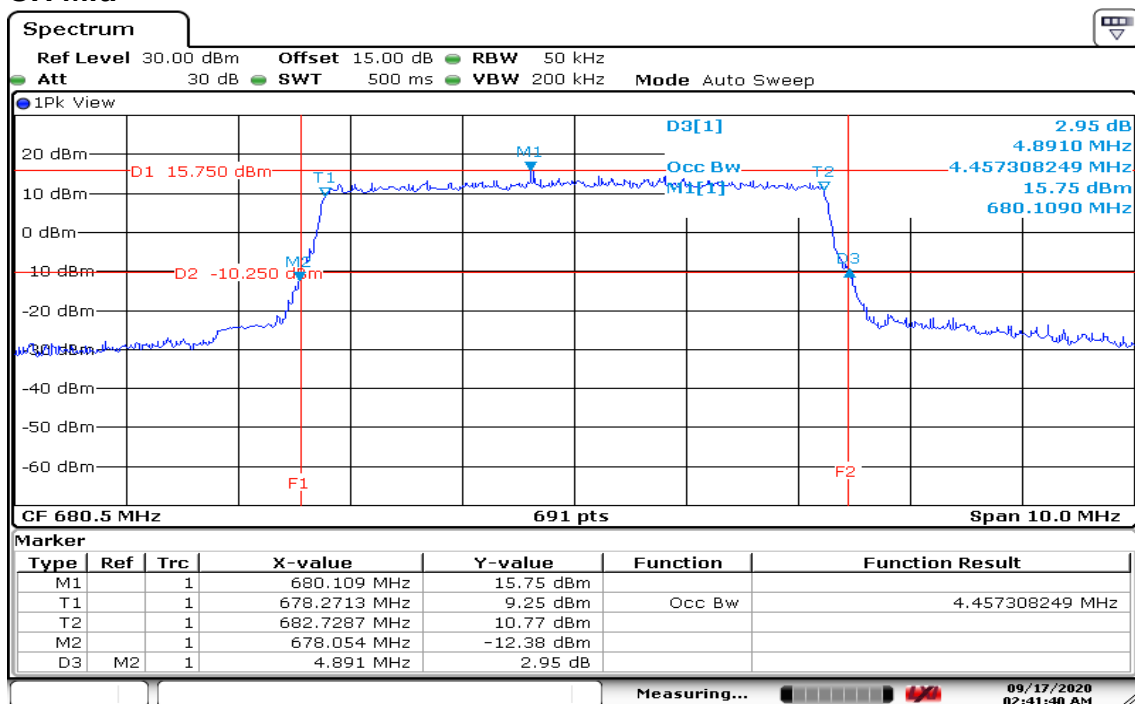
CH Mid



Date: 17 SEP 2020 02:42:27

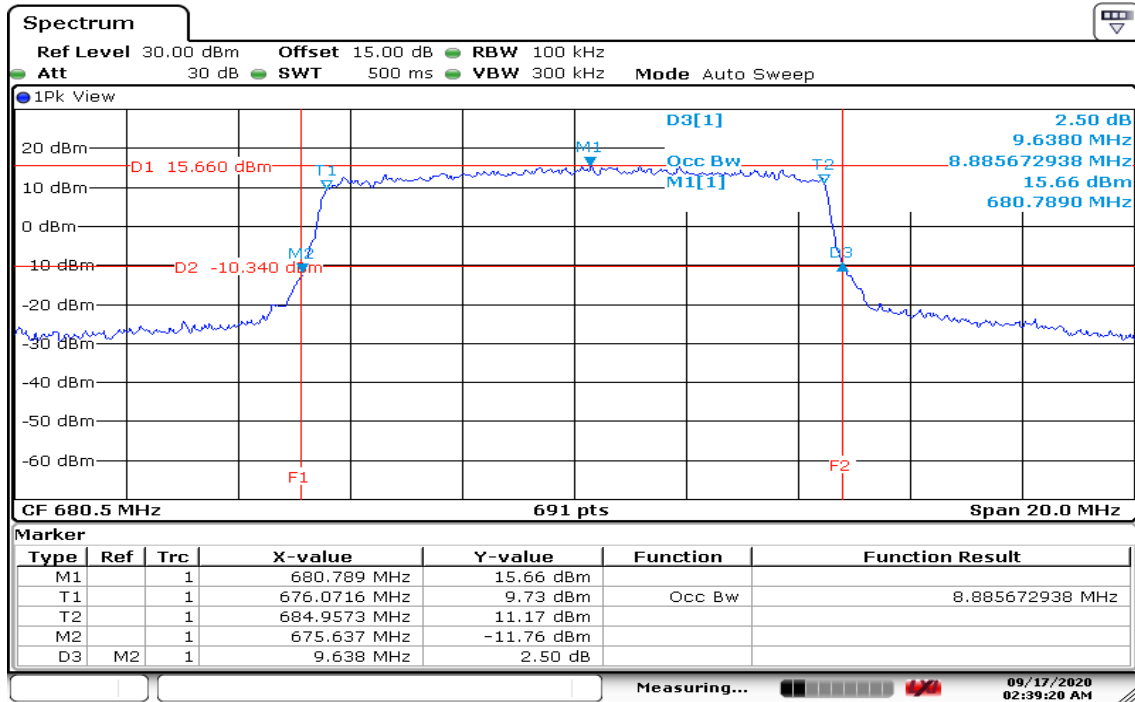
CHANNEL BANDWIDTH: 5MHz / 16QAM

CH Mid



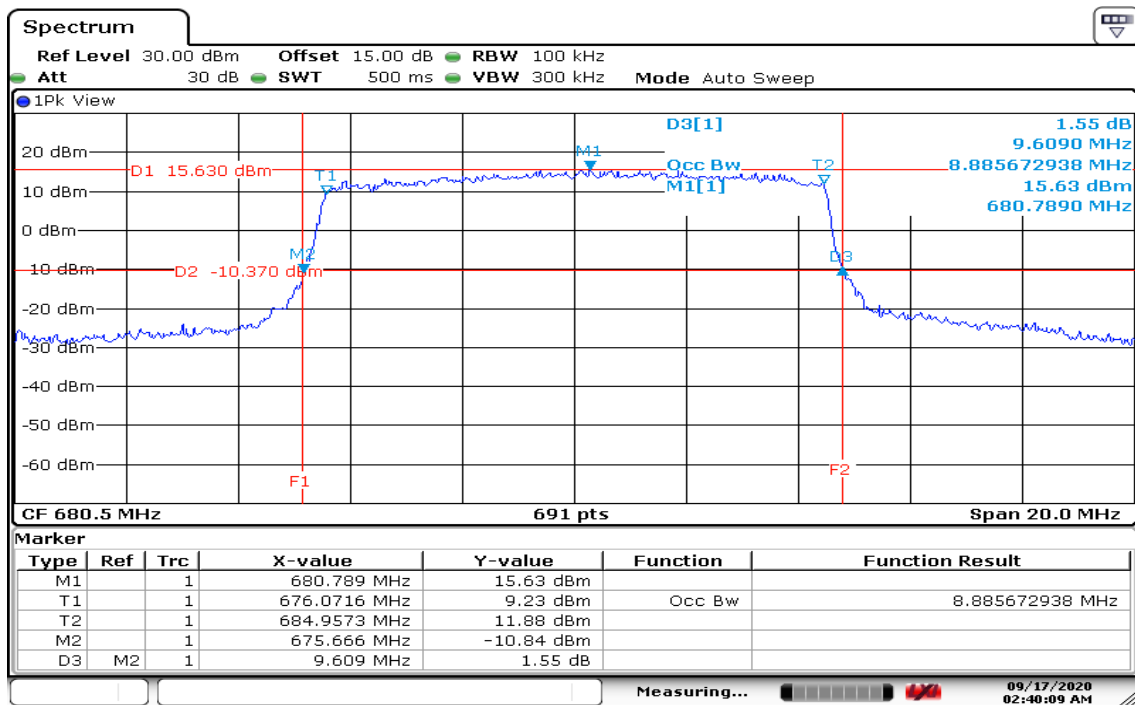
Date: 17 SEP 2020 02:41:40

CHANNEL BANDWIDTH: 10MHz / QPSK CH Mid



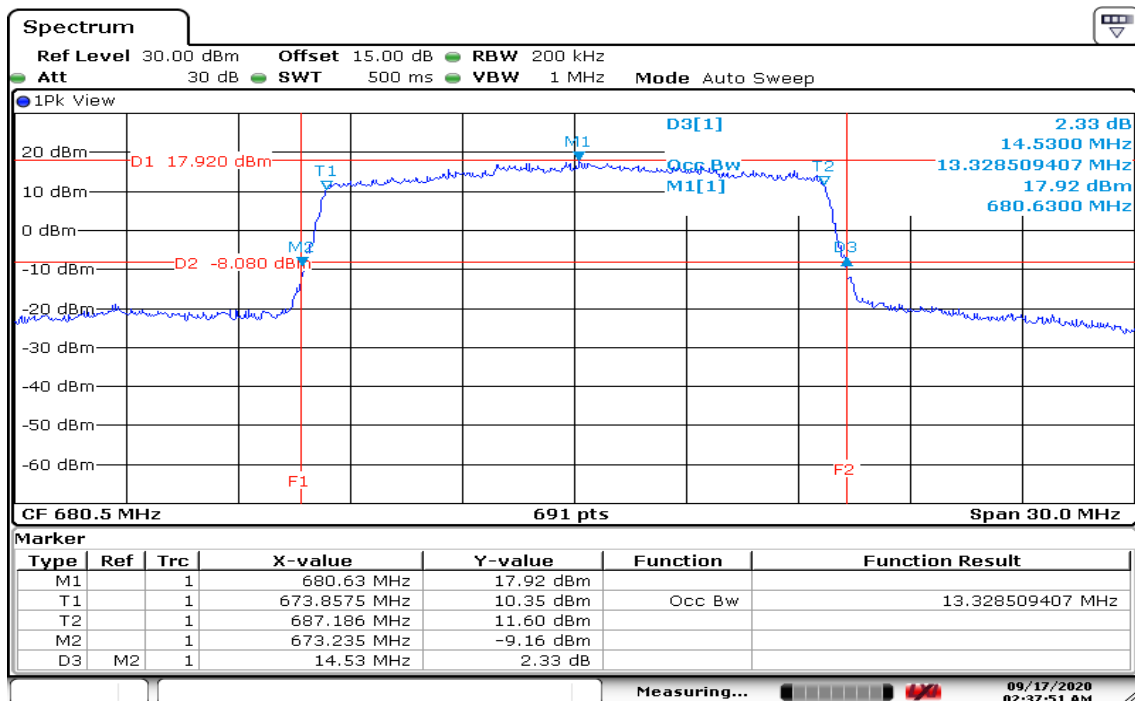
Date: 17 SEP 2020 02:39:20

CHANNEL BANDWIDTH: 10MHz / 16QAM CH Mid



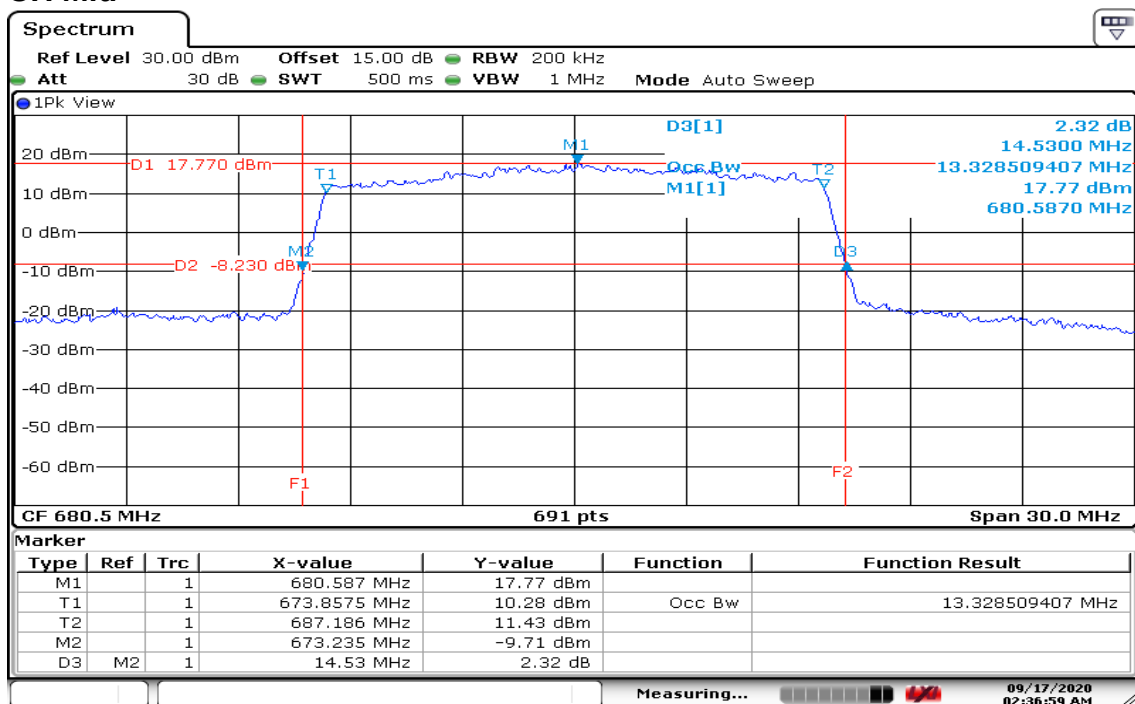
Date: 17 SEP 2020 02:40:10

CHANNEL BANDWIDTH: 15MHz / QPSK CH Mid



Date: 17 SEP 2020 02:37:52

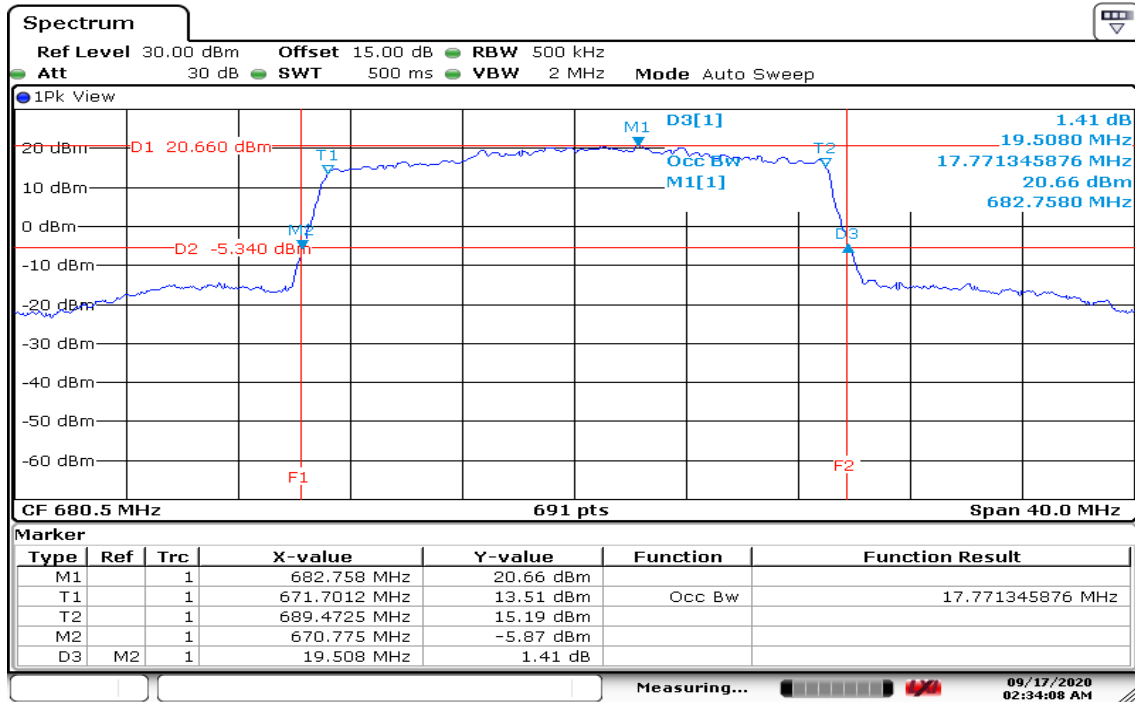
CHANNEL BANDWIDTH: 15MHz / 16QAM CH Mid



Date: 17 SEP 2020 02:37:00

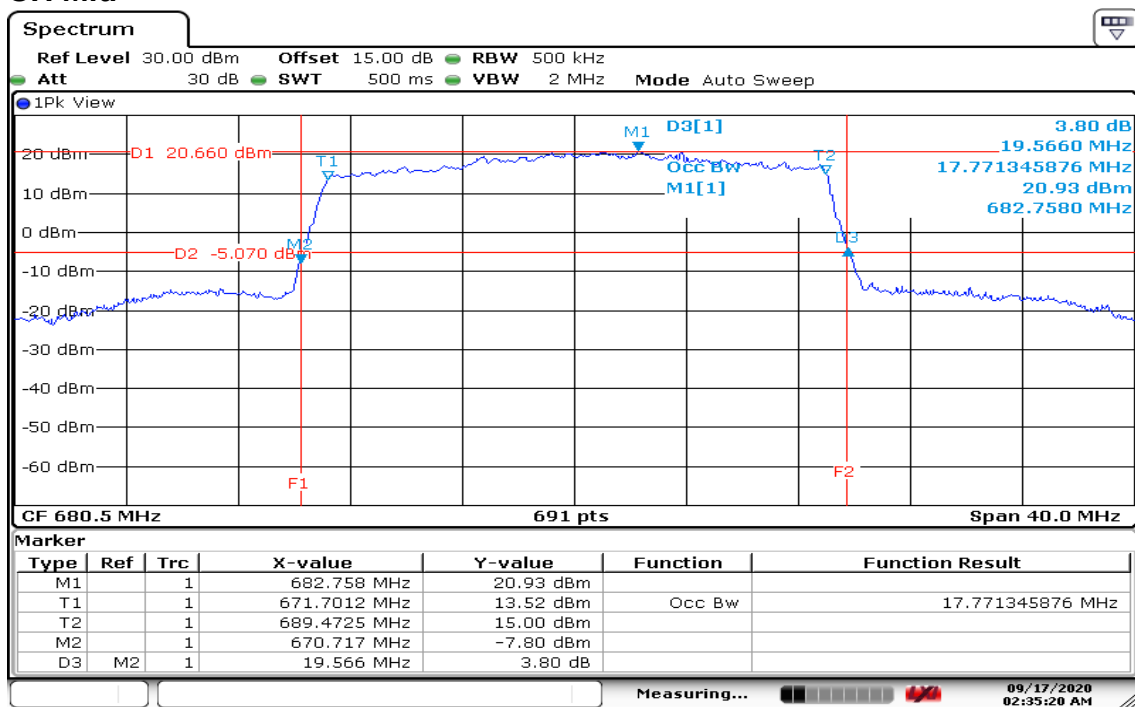
Report No.: T200825W02-RP6

CHANNEL BANDWIDTH: 20MHz / QPSK CH Mid



Date: 17 SEP 2020 02:34:08

CHANNEL BANDWIDTH: 20MHz / 16QAM CH Mid



Date: 17 SEP 2020 02:35:20

8.4 PEAK TO AVERAGE POWER RATIO

LIMIT

In measuring transmissions in this band using an average power technique, peak-to-average power ratio (PAPR) of the transmission may not exceed 13 dB.

TEST PROCEDURES

1. According to KDB 971168D01.
2. The EUT was connect to spectrum analyzer and call box.
3. Set the CCDF function in spectrum analyzer.
4. The highest RF output power were measured and recorded the maximum PAPR level associated with a probability of 0.1%.
5. Record the Peak to Average Power Ratio.

TEST RESULTS

Temperature: 24.1°C

Humidity: 50.5% RH

Tested by: Rick Lee

Test date: September 17, 2020

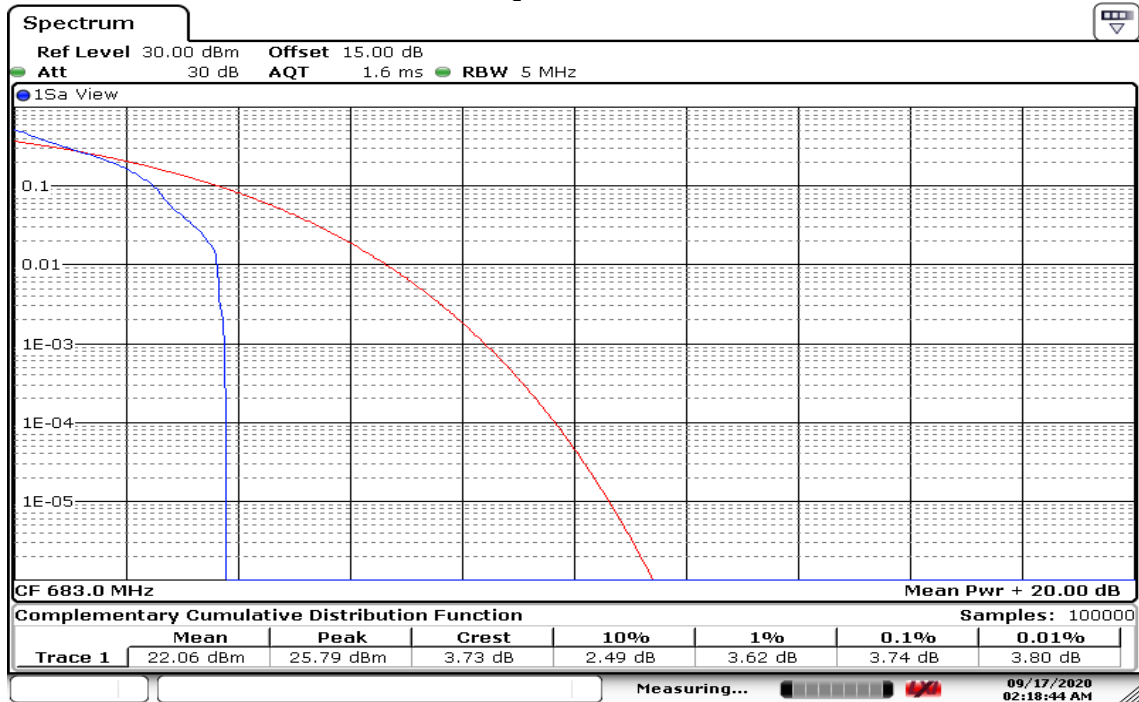
LTE Band 71

	Channel	FREQUENCY (MHz)	PEAK TO AVERAGE RATIO (dB)
5MHz / QPSK / 1RB	133297	680.5	3.74
10MHz / QPSK / 1RB	133297	680.5	4.49
15MHz / QPSK / 1RB	133297	680.5	4.87
20MHz / QPSK / 1RB	133297	680.5	4.84
5MHz / QPSK / FULL RB	133297	680.5	4.09
10MHz / QPSK / FULL RB	133297	680.5	4.26
15MHz / QPSK / FULL RB	133297	680.5	4.64
20MHz / QPSK / FULL RB	133297	680.5	4.61
5MHz / 16QAM / 1RB	133297	680.5	4.46
10MHz / 16QAM / 1RB	133297	680.5	5.51
15MHz / 16QAM / 1RB	133297	680.5	5.74
20MHz / 16QAM / 1RB	133297	680.5	5.71
5MHz / 16QAM / FULL RB	133297	680.5	4.03
10MHz / 16QAM / FULL RB	133297	680.5	4.26
15MHz / 16QAM / FULL RB	133297	680.5	4.61
20MHz / 16QAM / FULL RB	133297	680.5	4.58

Note: We selected worst case to performed test in middle channel, the results can be meet other channel.

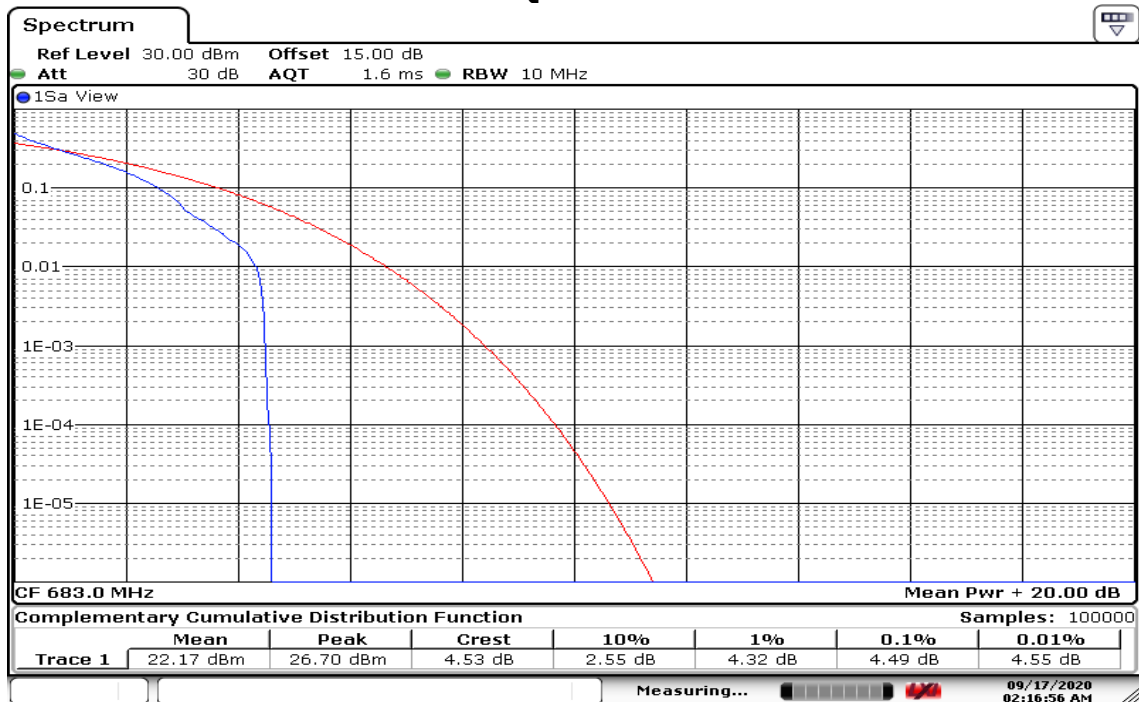
LTE Band 71

CHANNEL BANDWIDTH: 5MHz / QPSK/1RB



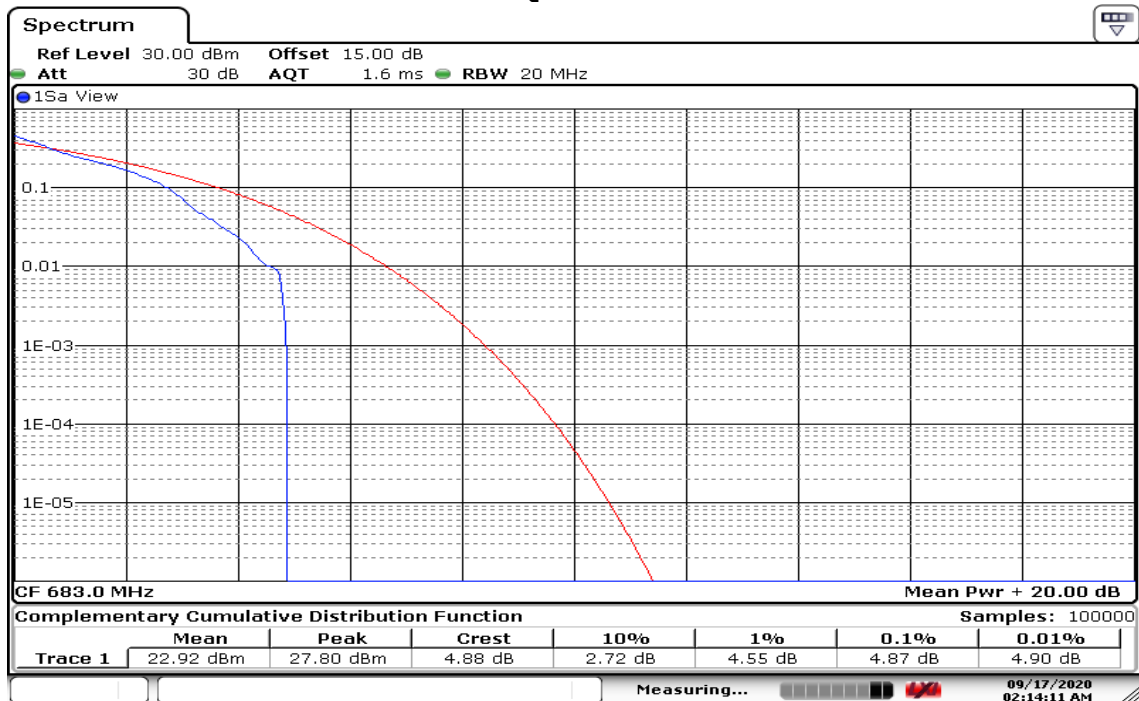
Date: 17 SEP 2020 02:18:44

CHANNEL BANDWIDTH: 10MHz / QPSK /1RB



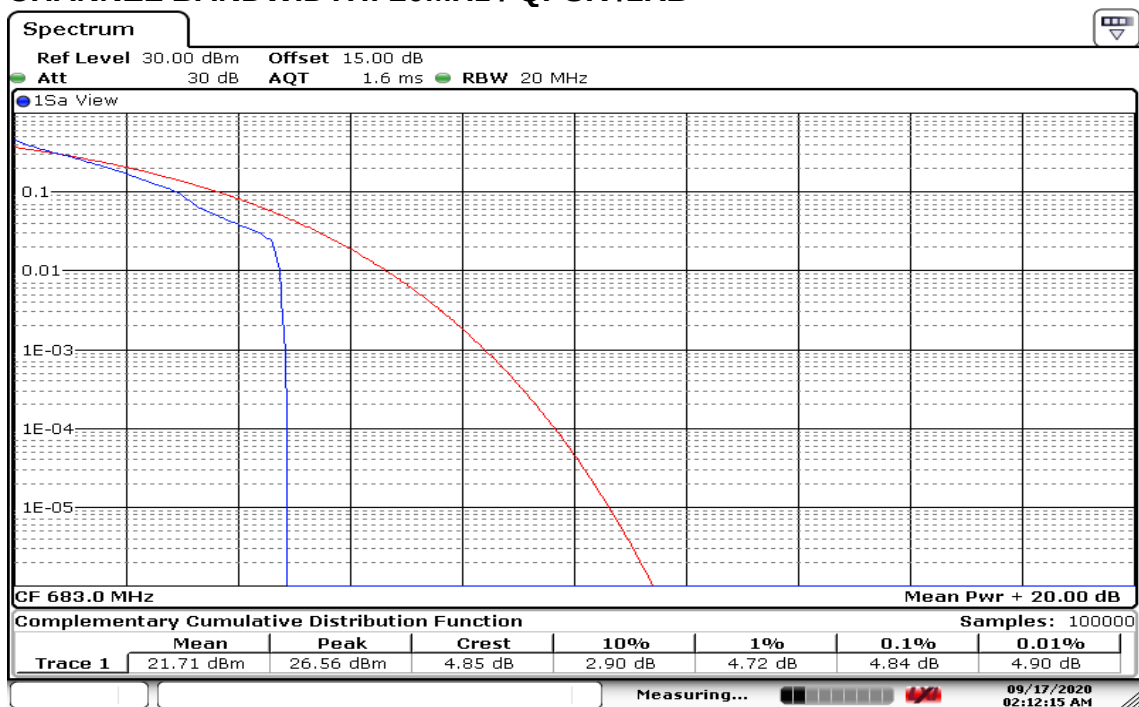
Date: 17 SEP 2020 02:16:56

CHANNEL BANDWIDTH: 15MHz / QPSK/1RB



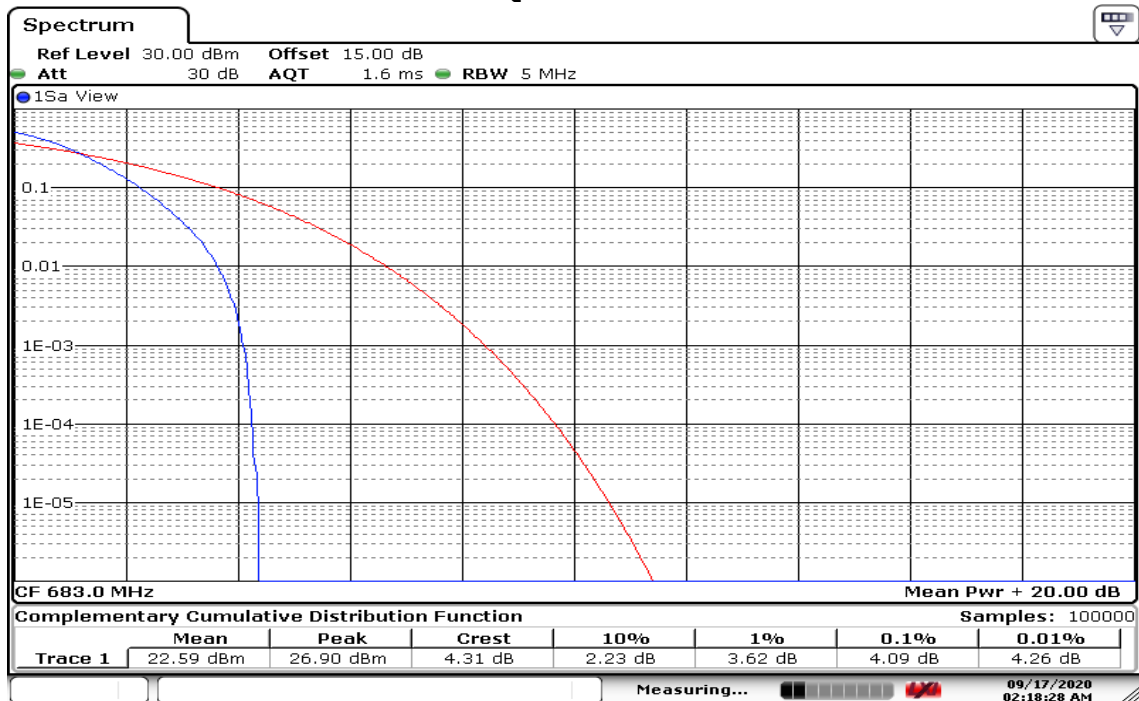
Date: 17 SEP 2020 02:14:11

CHANNEL BANDWIDTH: 20MHz / QPSK /1RB



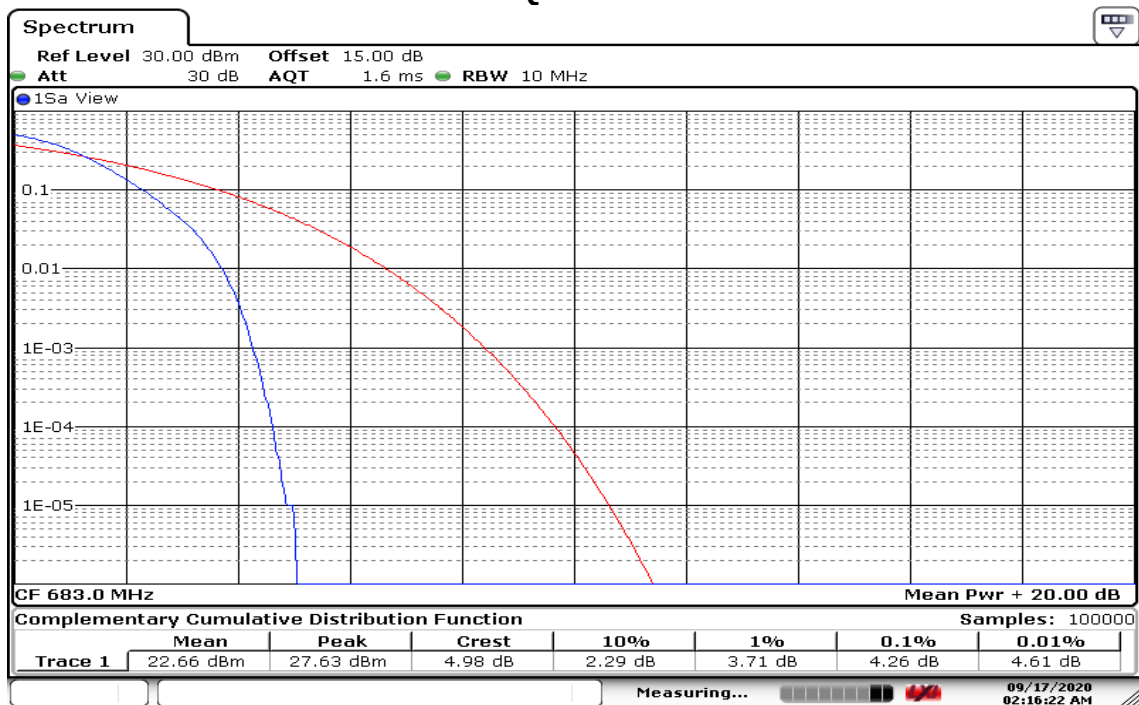
Date: 17 SEP 2020 02:12:15

CHANNEL BANDWIDTH: 5MHz / QPSK/ FULL RB



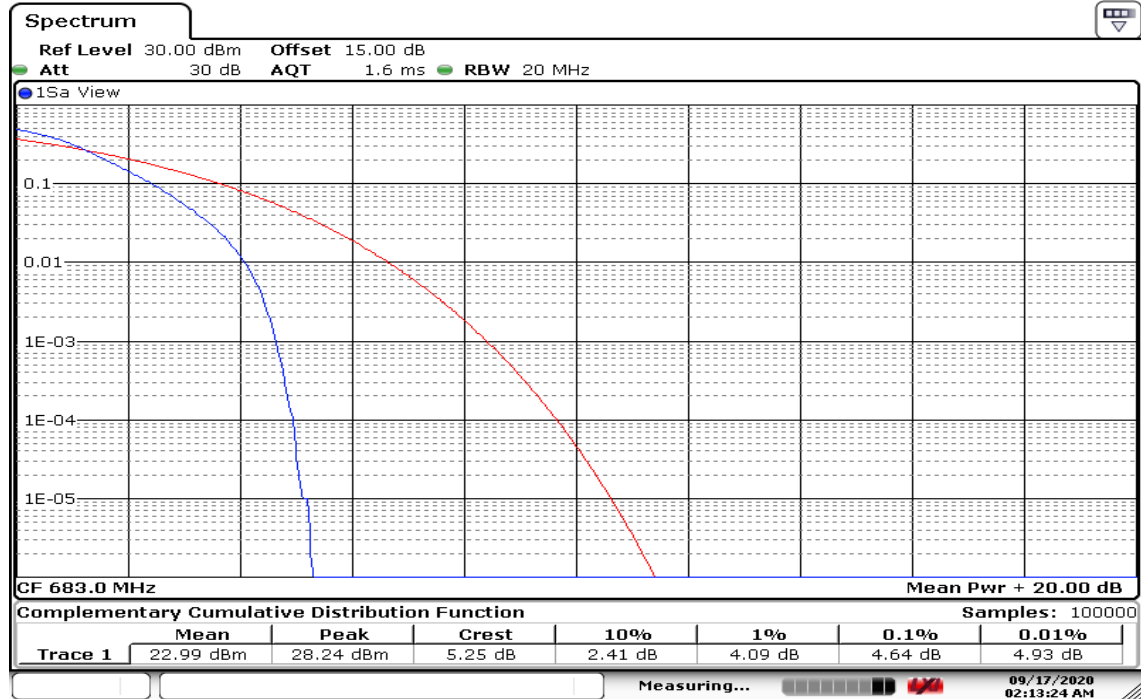
Date: 17 SEP 2020 02:18:28

CHANNEL BANDWIDTH: 10MHz / QPSK / FULL RB



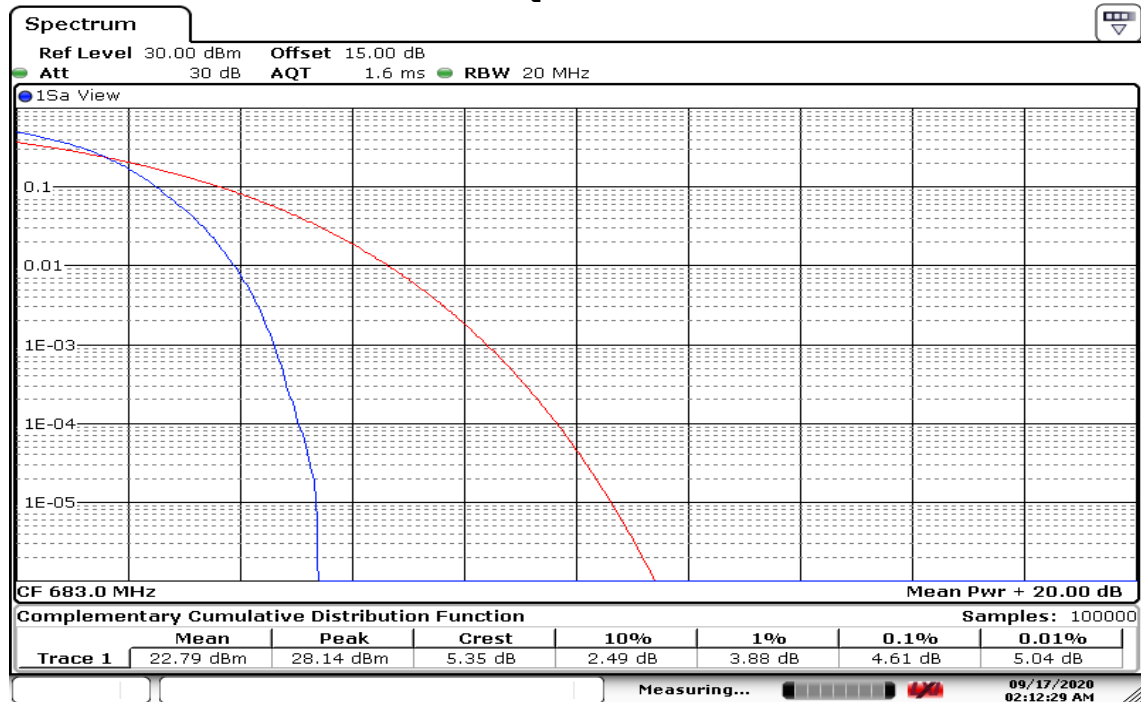
Date: 17 SEP 2020 02:16:22

CHANNEL BANDWIDTH: 15MHz / QPSK/ FULL RB



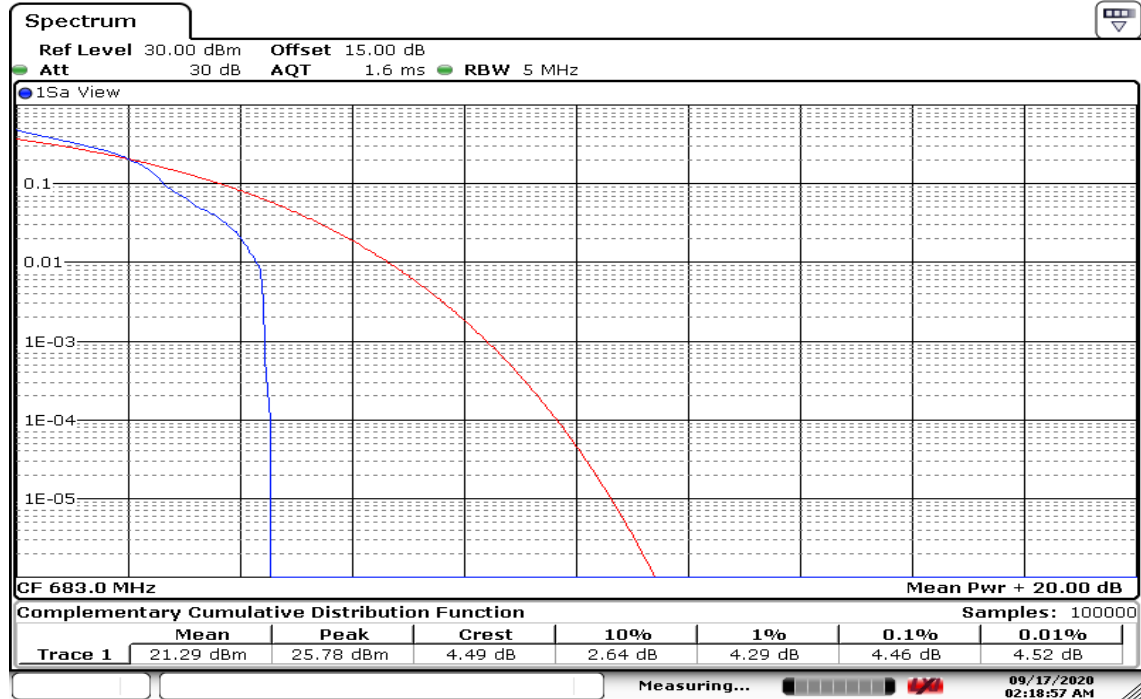
Date: 17 SEP 2020 02:13:24

CHANNEL BANDWIDTH: 20MHz / QPSK / FULL RB



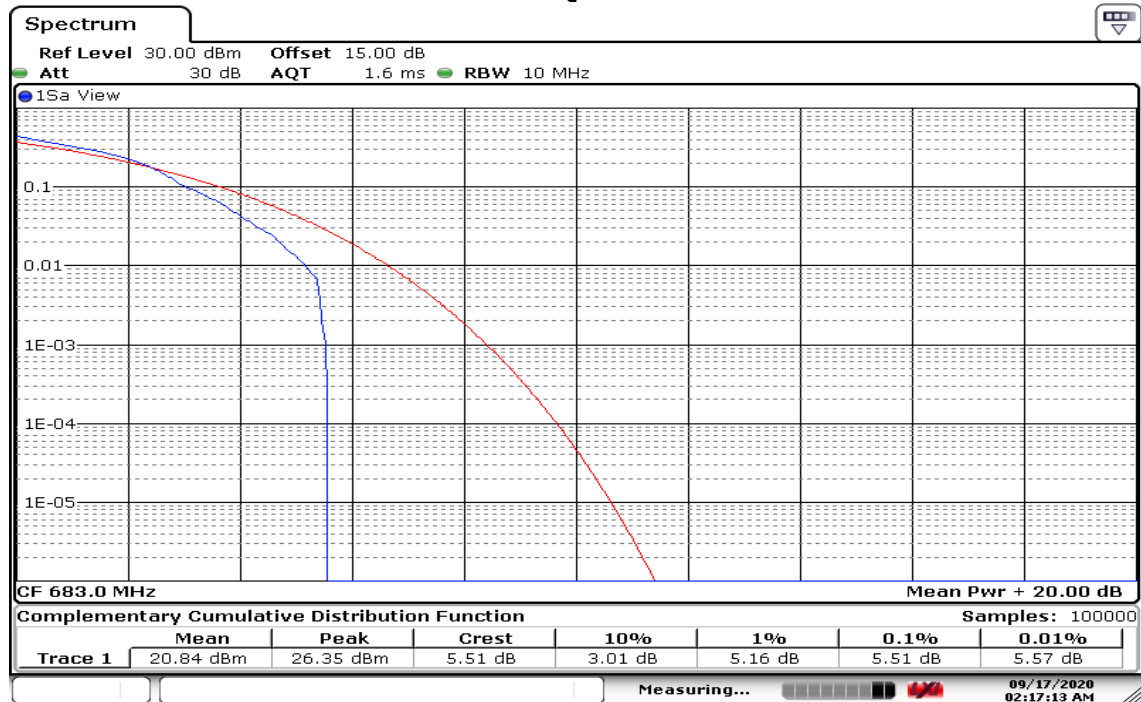
Date: 17 SEP 2020 02:12:30

CHANNEL BANDWIDTH: 5MHz / 16QAM /1RB



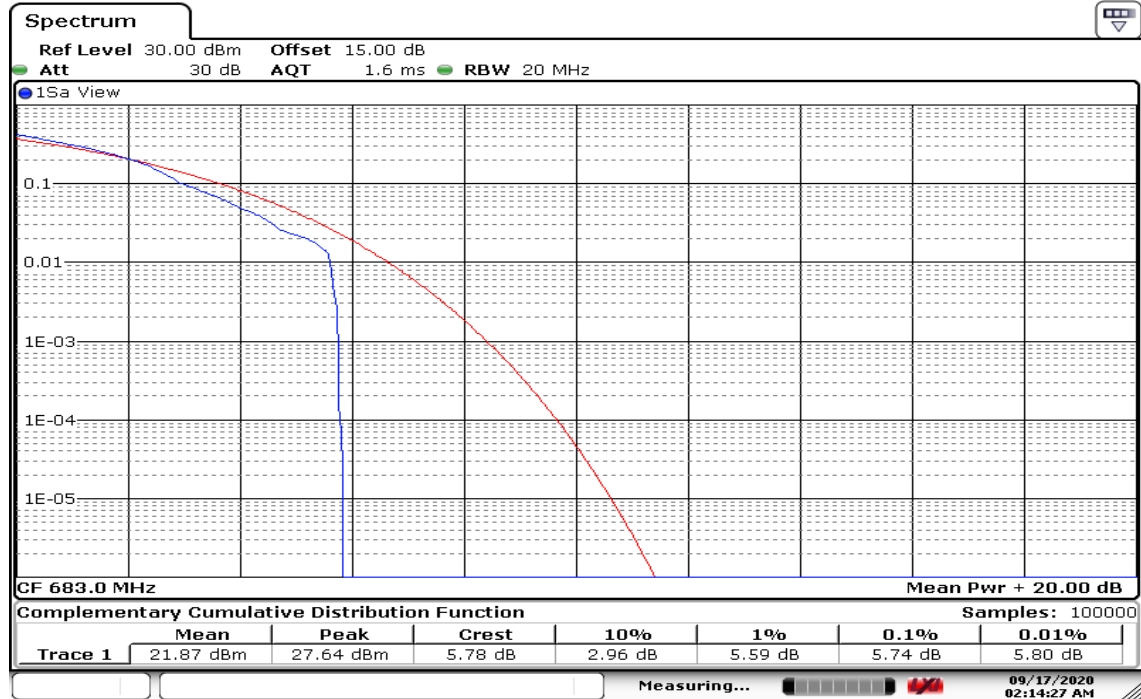
Date: 17 SEP 2020 02:18:58

CHANNEL BANDWIDTH: 10MHz / 16QAM /1RB



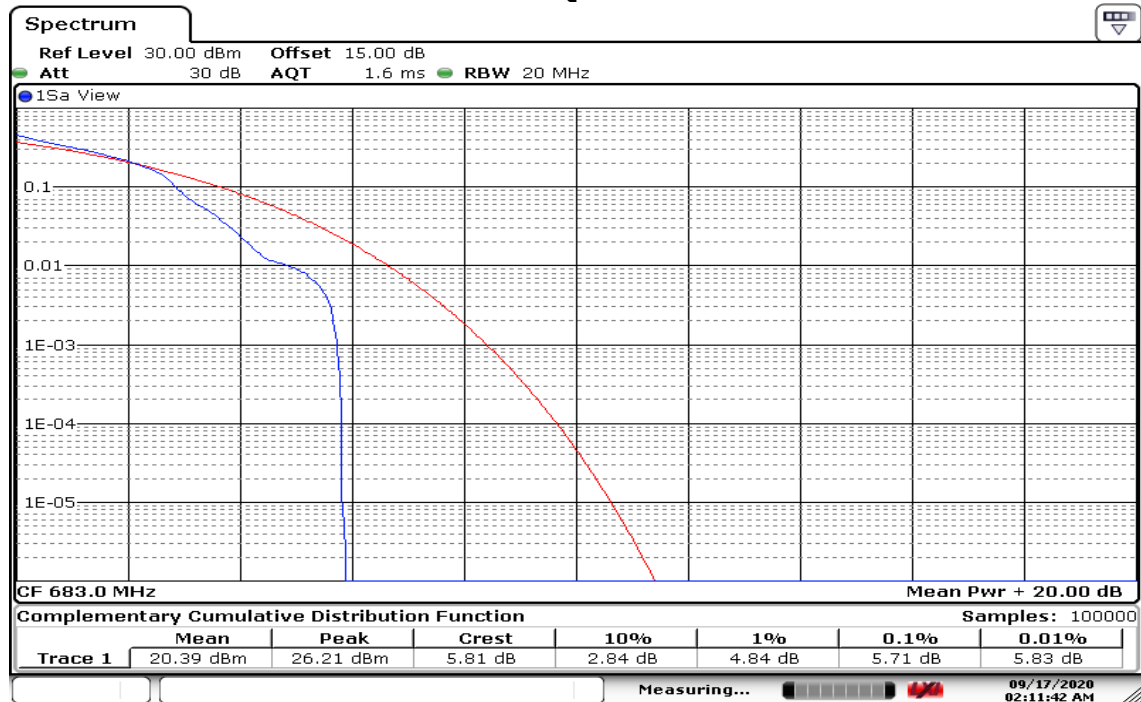
Date: 17 SEP 2020 02:17:14

CHANNEL BANDWIDTH: 15MHz / 16QAM /1RB



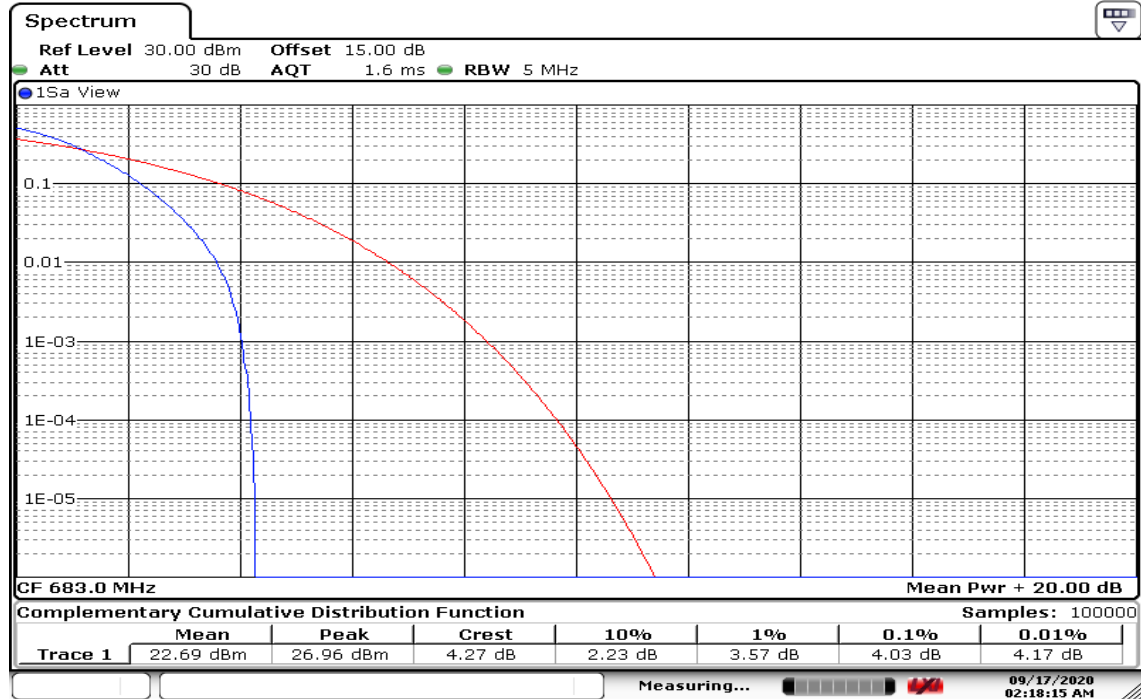
Date: 17 SEP 2020 02:14:27

CHANNEL BANDWIDTH: 20MHz / 16QAM /1RB



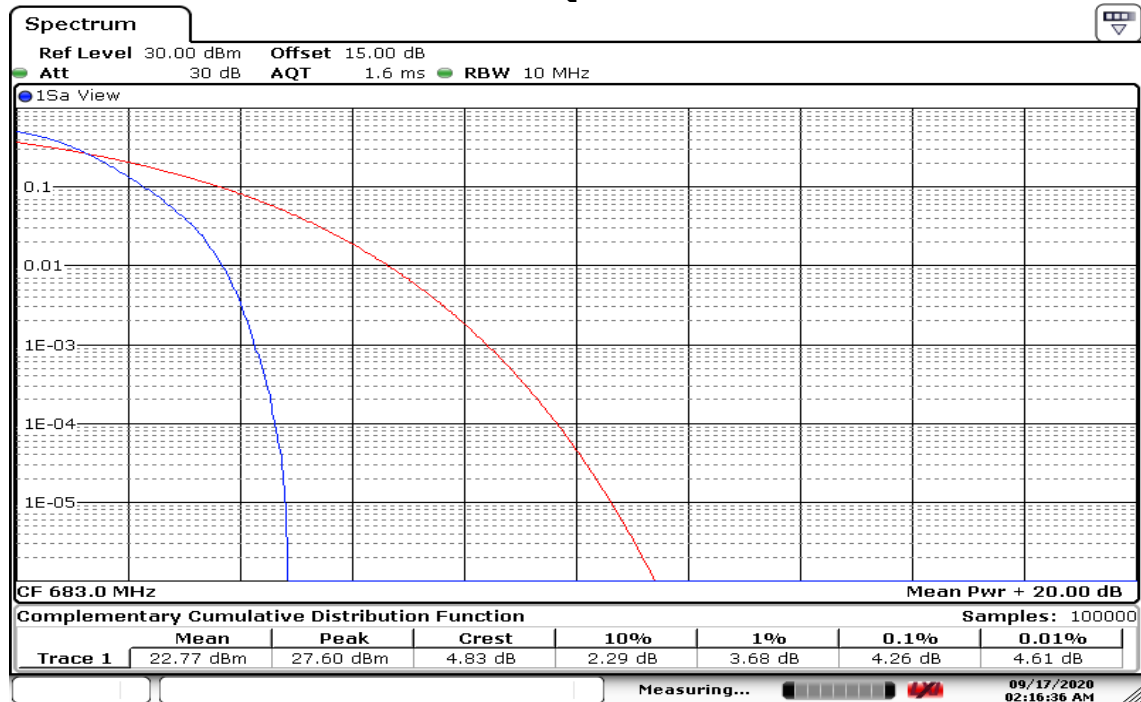
Date: 17 SEP 2020 02:11:42

CHANNEL BANDWIDTH: 5MHz / 16QAM / FULL RB



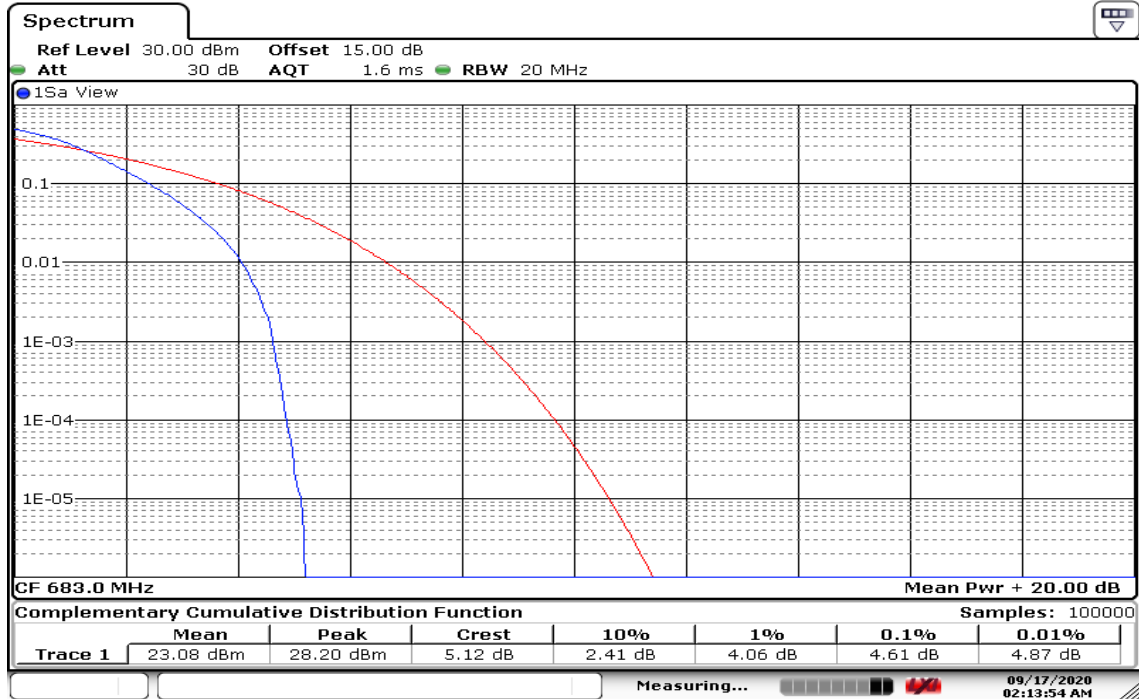
Date: 17 SEP 2020 02:18:15

CHANNEL BANDWIDTH: 10MHz / 16QAM / FULL RB



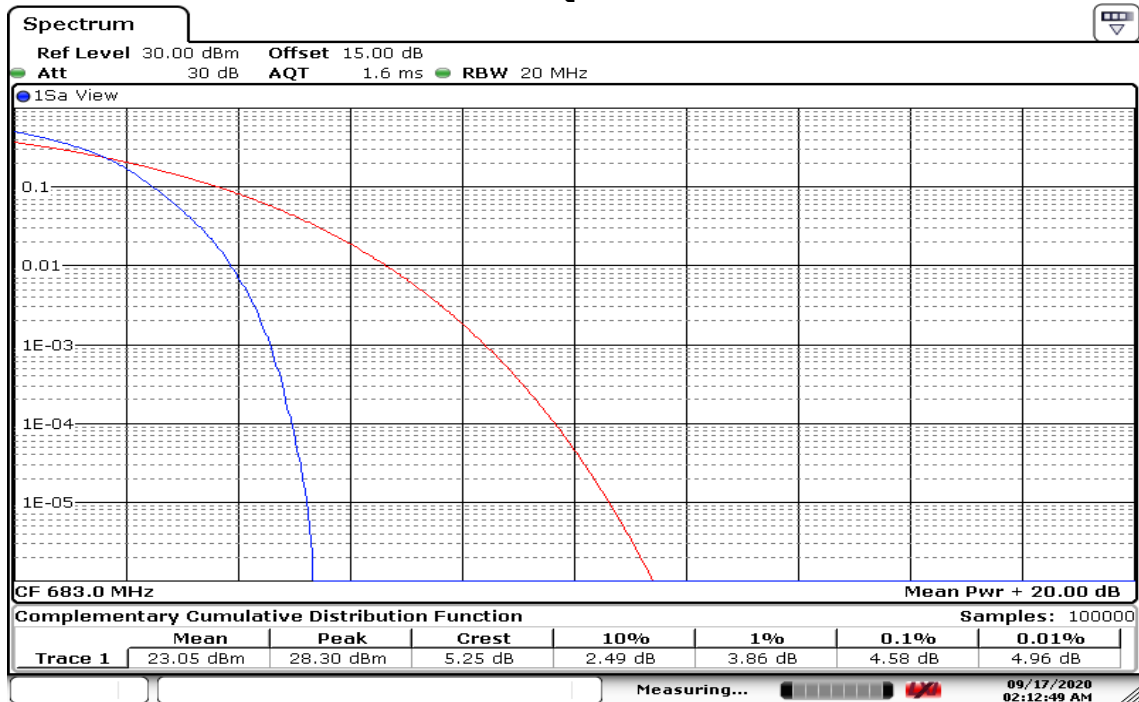
Date: 17 SEP 2020 02:16:37

CHANNEL BANDWIDTH: 15MHz / 16QAM / FULL RB



Date: 17 SEP 2020 02:13:55

CHANNEL BANDWIDTH: 20MHz / 16QAM / FULL RB



Date: 17 SEP 2020 02:12:50

8.5 BAND EDGE MEASUREMENT

LIMIT

Part 27.53(g), Band 71

For operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB.

TEST PROCEDURES

KDB 971168 D01 Power Meas License Digital Systems – Section 6.0

1. RBW $\geq 1\%$ of the emission bandwidth
2. VBW $\geq 3 \times$ RBW
3. Span was set large enough so as to capture all out of emissions near the band edge.

TEST RESULTS:

Offset= cable loss+ splitter loss +attenuator
 $1.21+3.78+10=14.99$ (Rounding = 15)

* cable loss:1.21
 * splitter loss:3.78
 * attenuator:10

Temperature: 24.1°C

Humidity: 50.5% RH

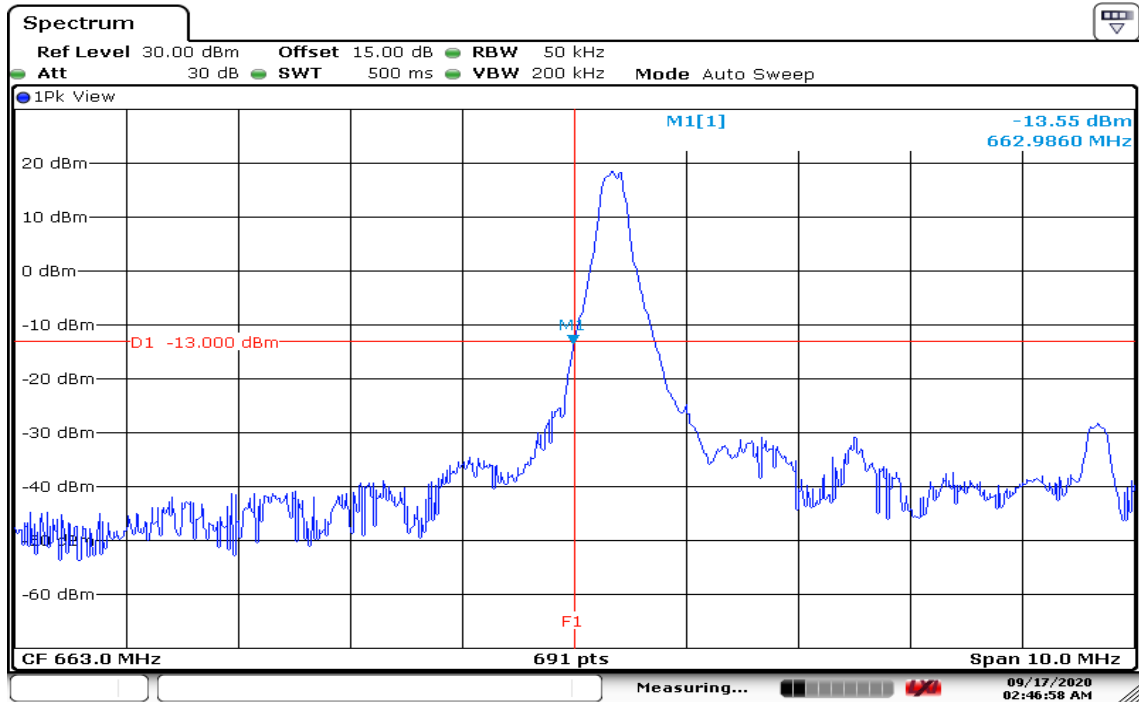
Tested by: Rick Lee

Test date: September 17, 2020

LTE Band 71

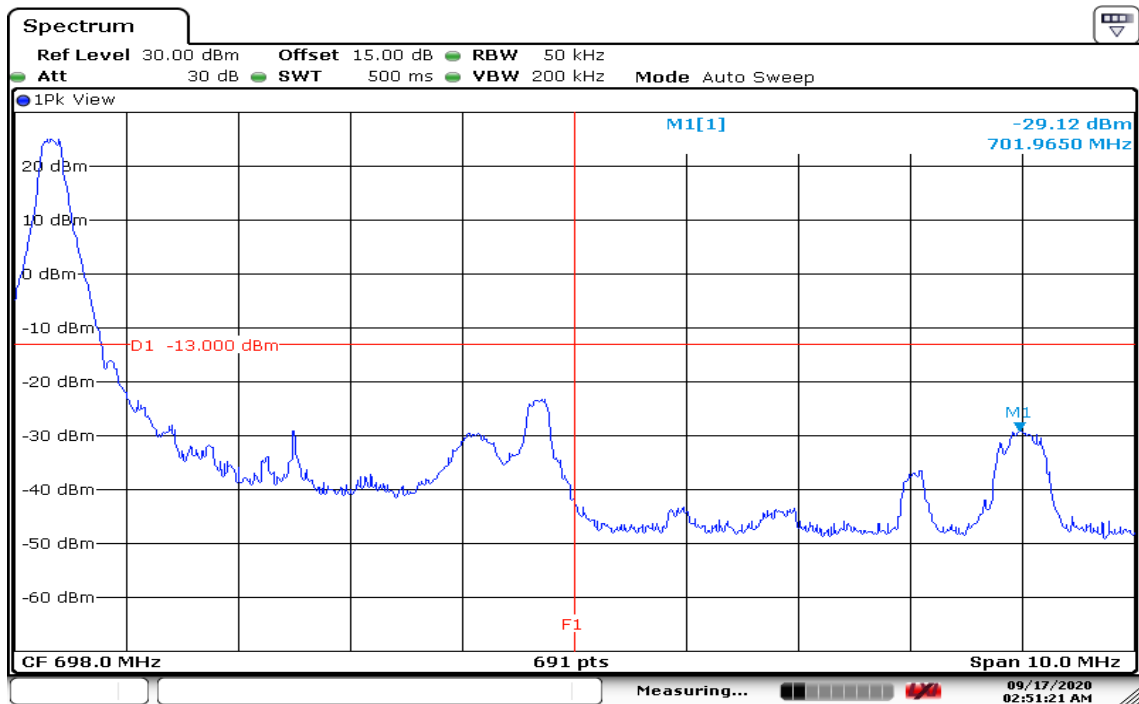
CHANNEL BANDWIDTH: 5MHz / QPSK / 1RB ALLOCATION

LOWER BAND EDGE



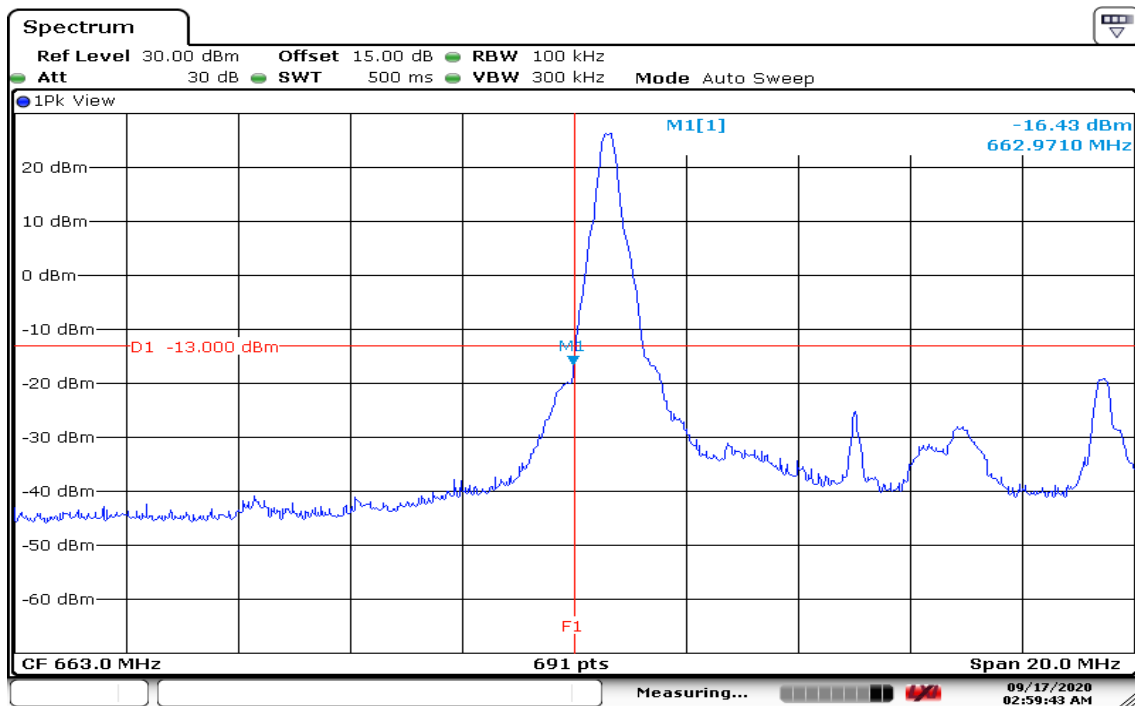
Date: 17 SEP 2020 02:46:58

HIGHER BAND EDGE



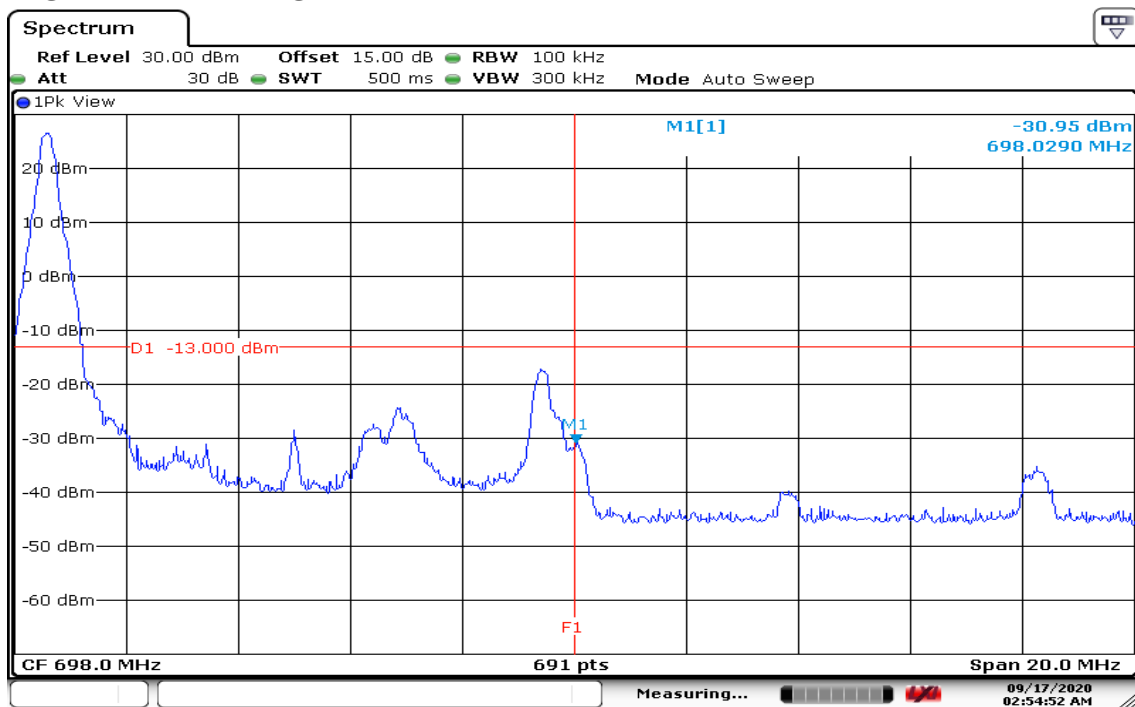
Date: 17 SEP 2020 02:51:21

CHANNEL BANDWIDTH: 10MHz / QPSK / 1RB ALLOCATION LOWER BAND EDGE



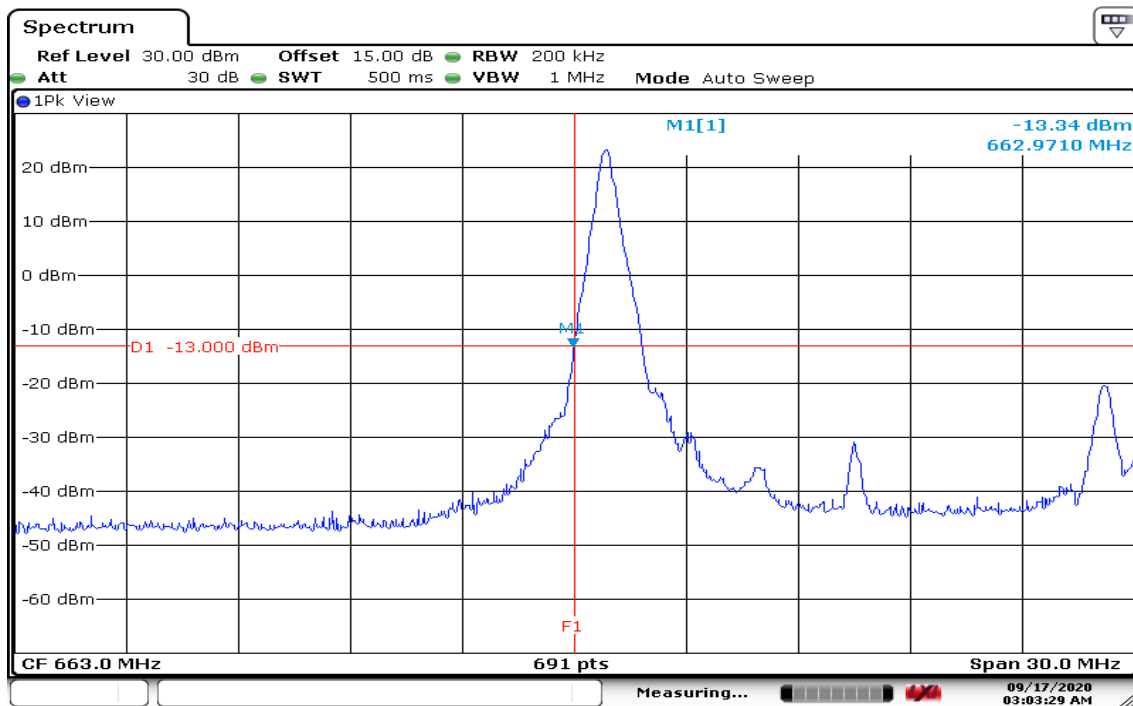
Date: 17 SEP 2020 02:59:43

HIGHER BAND EDGE



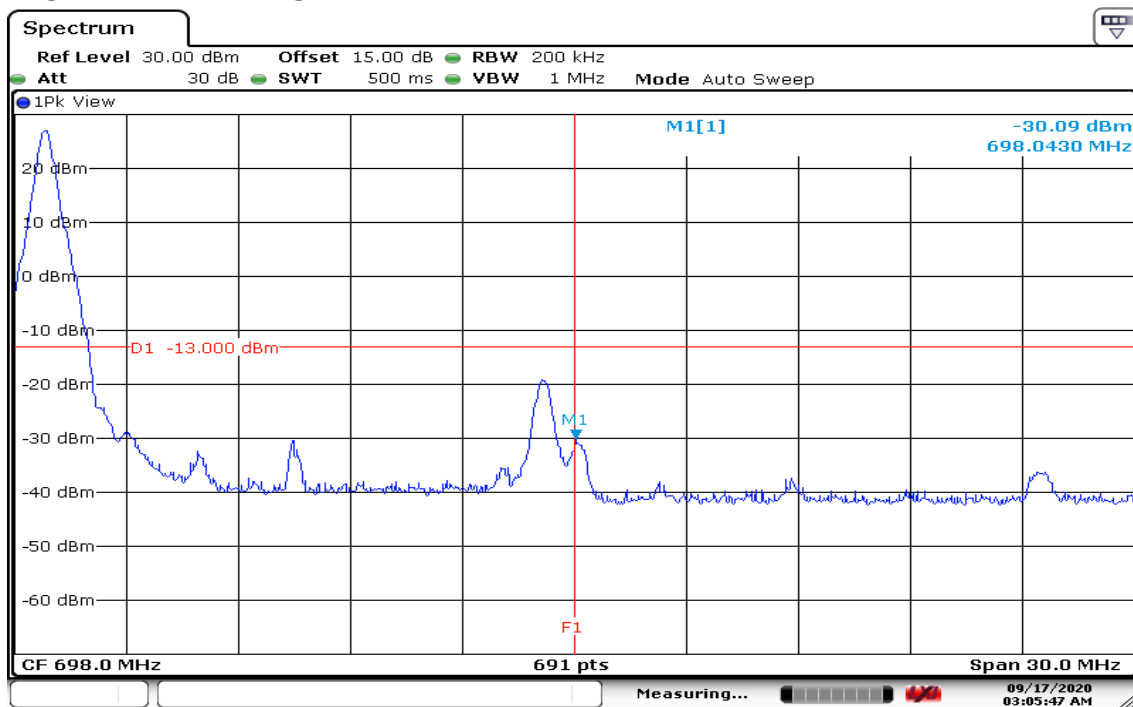
Date: 17 SEP 2020 02:54:53

CHANNEL BANDWIDTH: 15MHz / QPSK / 1RB ALLOCATION LOWER BAND EDGE



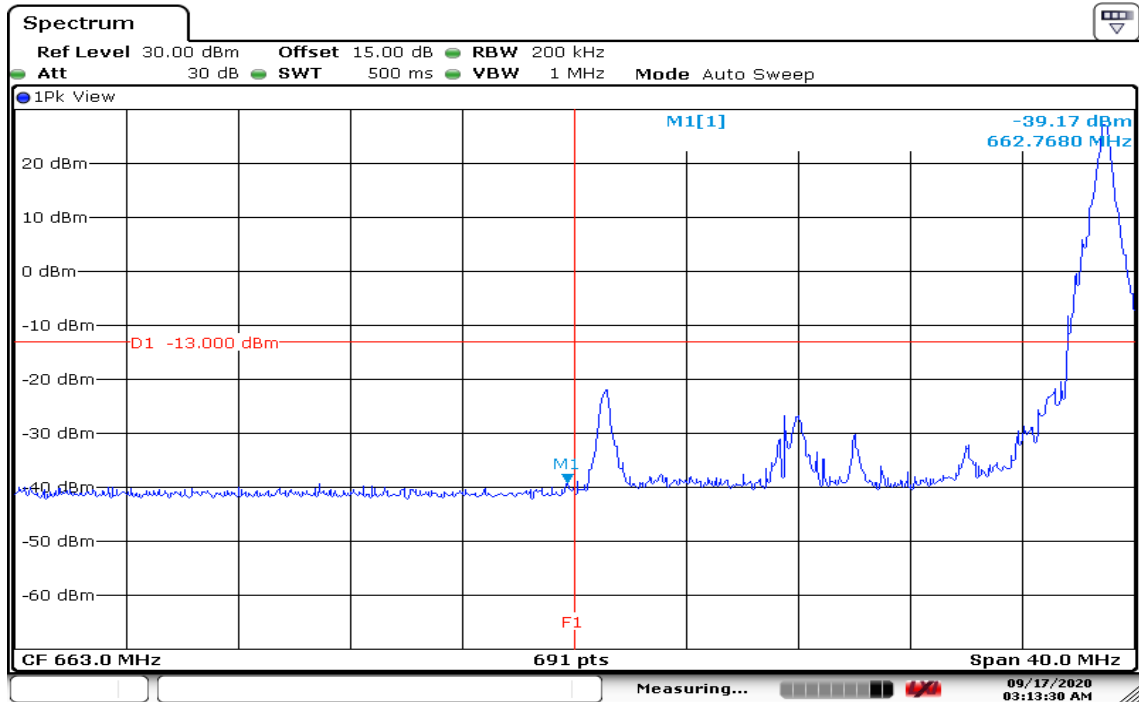
Date: 17 SEP 2020 03:03:30

HIGHER BAND EDGE



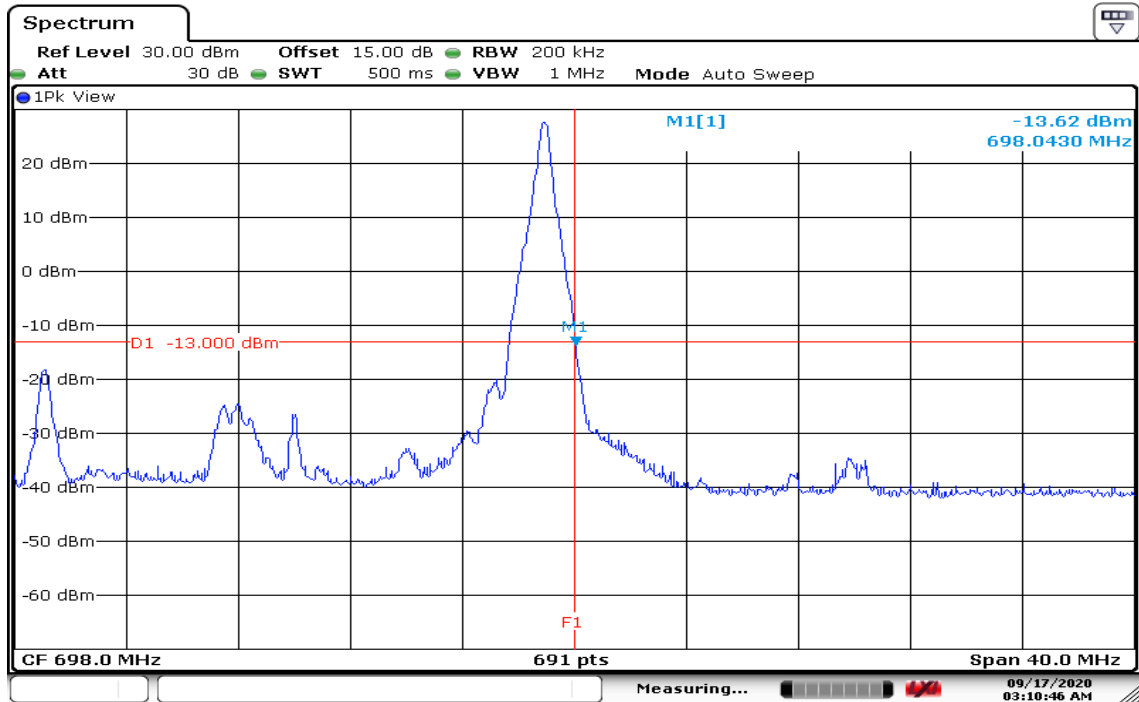
Date: 17 SEP 2020 03:05:47

CHANNEL BANDWIDTH: 20MHz / QPSK / 1RB ALLOCATION LOWER BAND EDGE



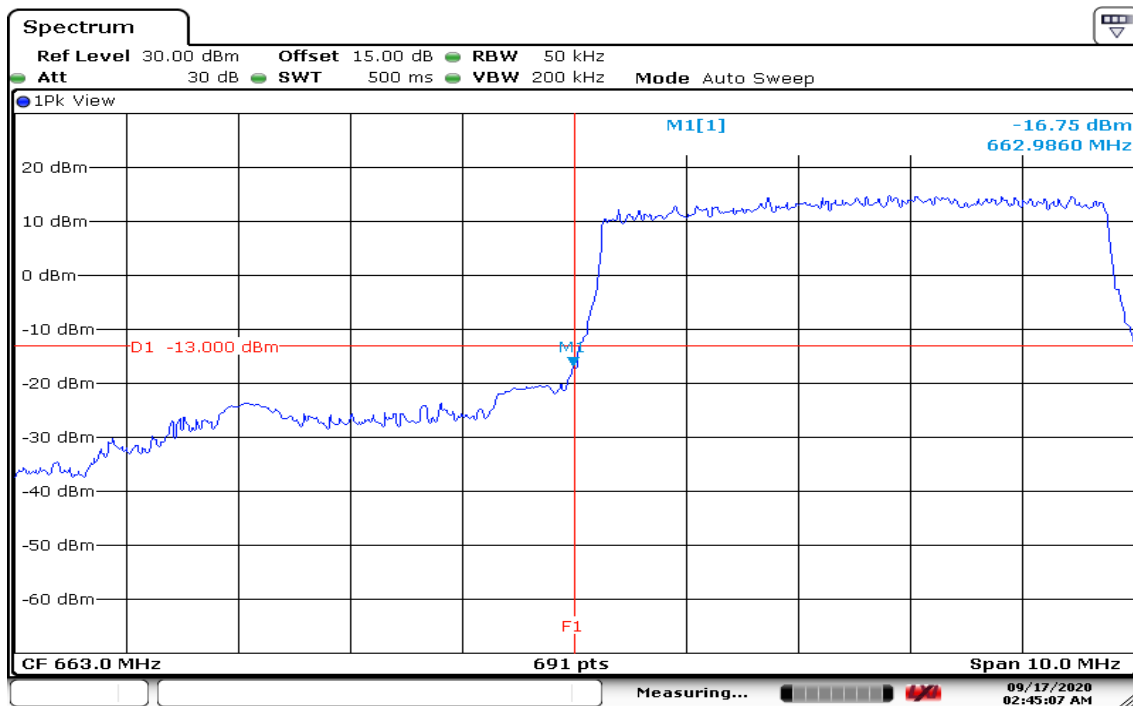
Date: 17 SEP 2020 03:13:30

HIGHER BAND EDGE



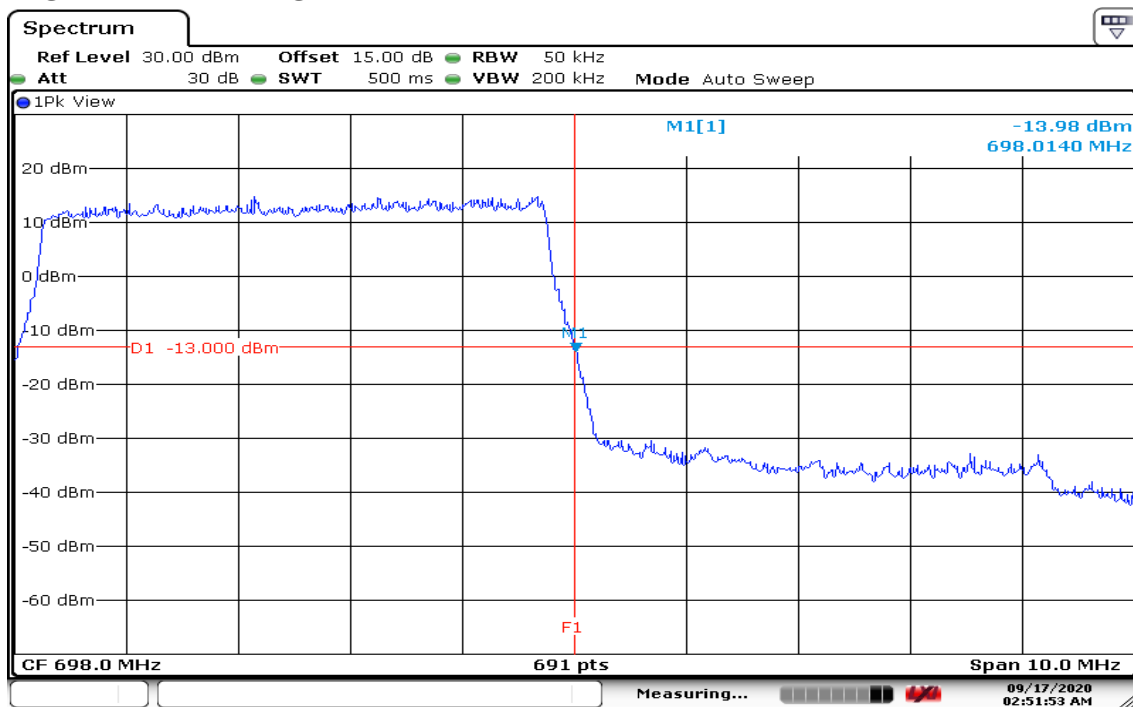
Date: 17 SEP 2020 03:10:47

CHANNEL BANDWIDTH: 5MHz / QPSK / FULL RB ALLOCATION LOWER BAND EDGE



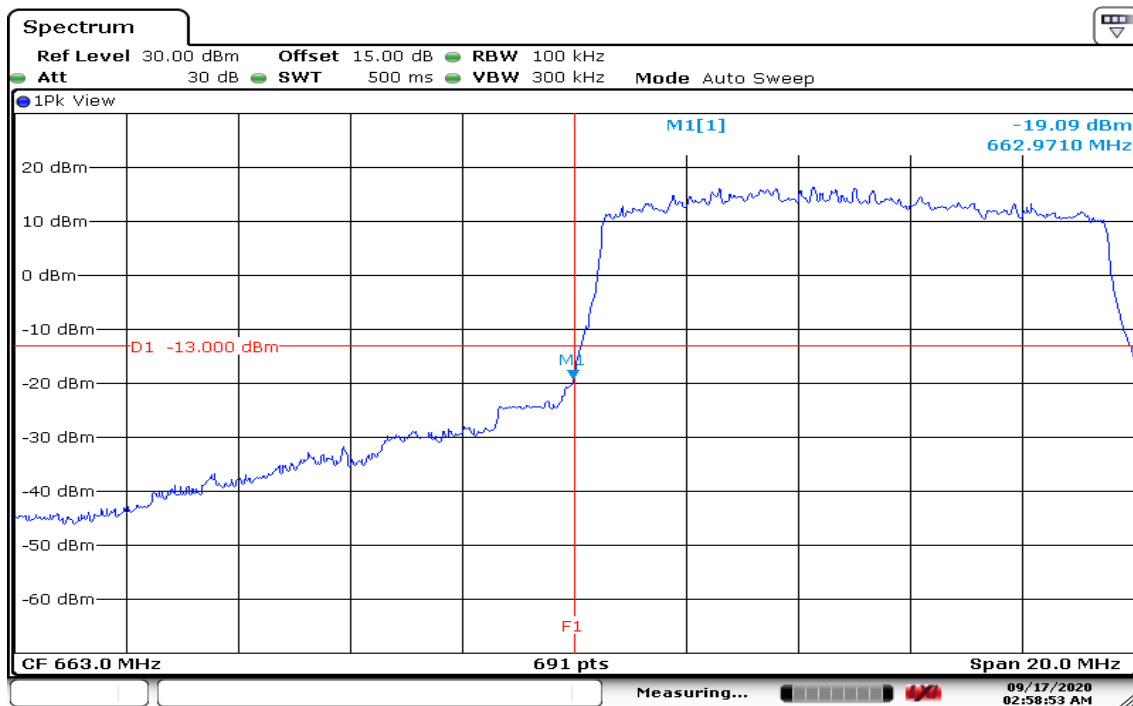
Date: 17 SEP 2020 02:45:08

HIGHER BAND EDGE



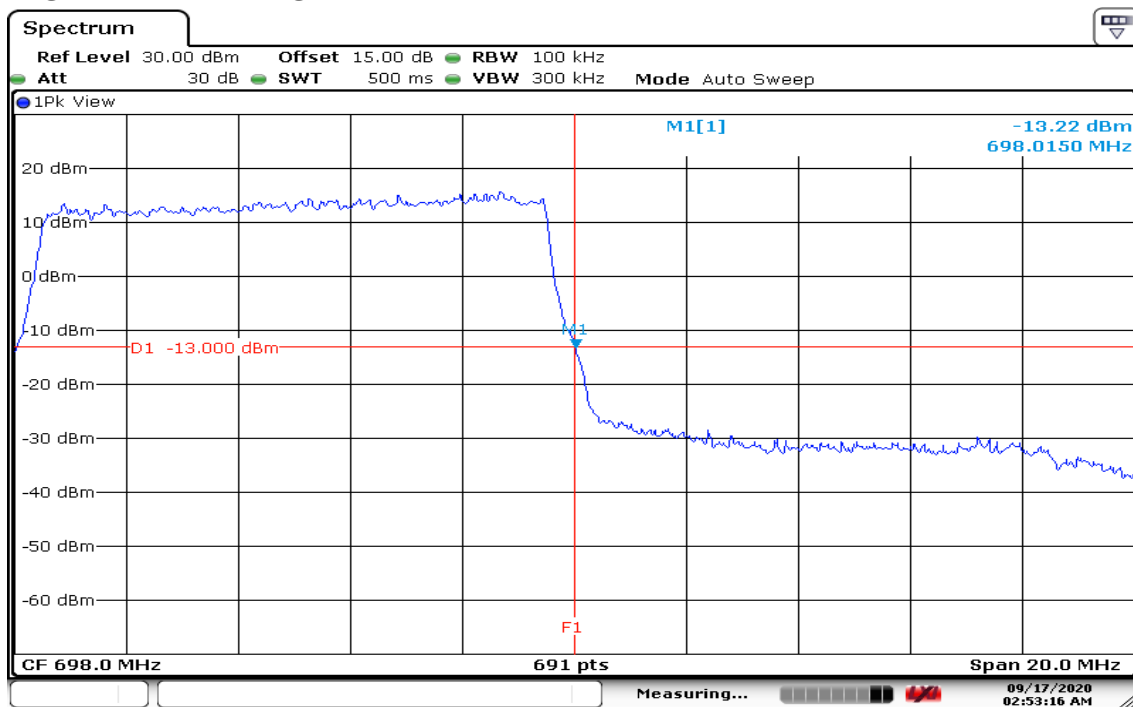
Date: 17 SEP 2020 02:51:53

CHANNEL BANDWIDTH: 10MHz / QPSK / FULL RB ALLOCATION LOWER BAND EDGE



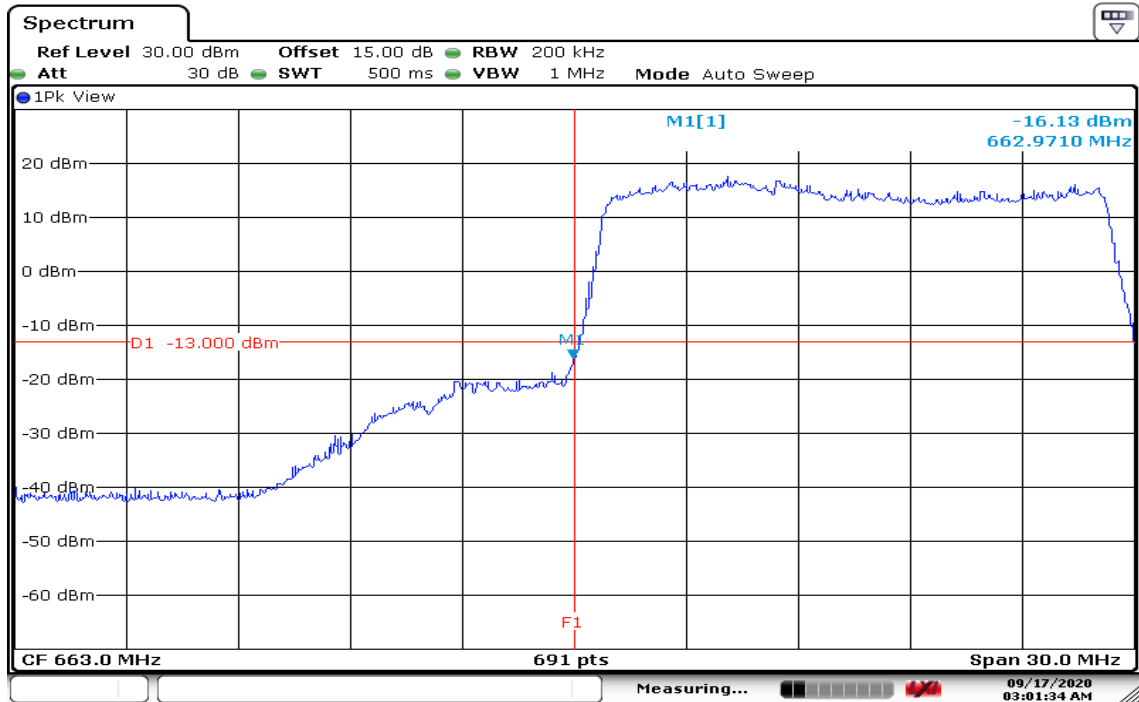
Date: 17 SEP 2020 02:58:53

HIGHER BAND EDGE



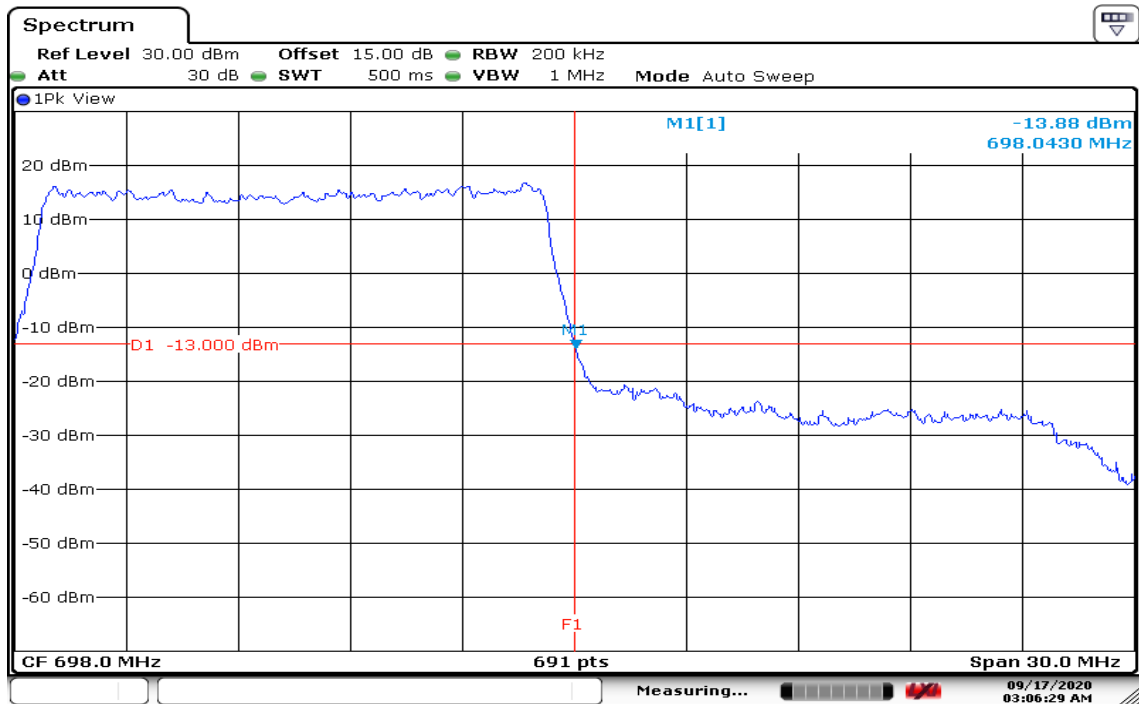
Date: 17 SEP 2020 02:53:16

CHANNEL BANDWIDTH: 15MHz / QPSK / FULL RB ALLOCATION LOWER BAND EDGE



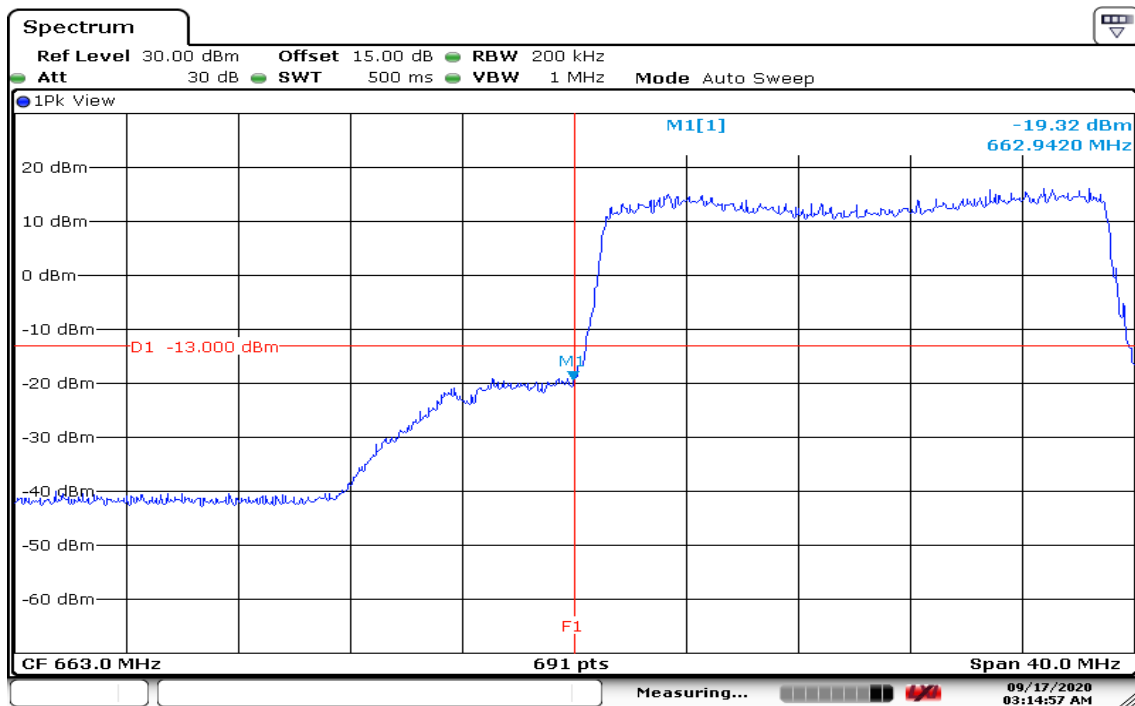
Date: 17 SEP 2020 03:01:34

HIGHER BAND EDGE



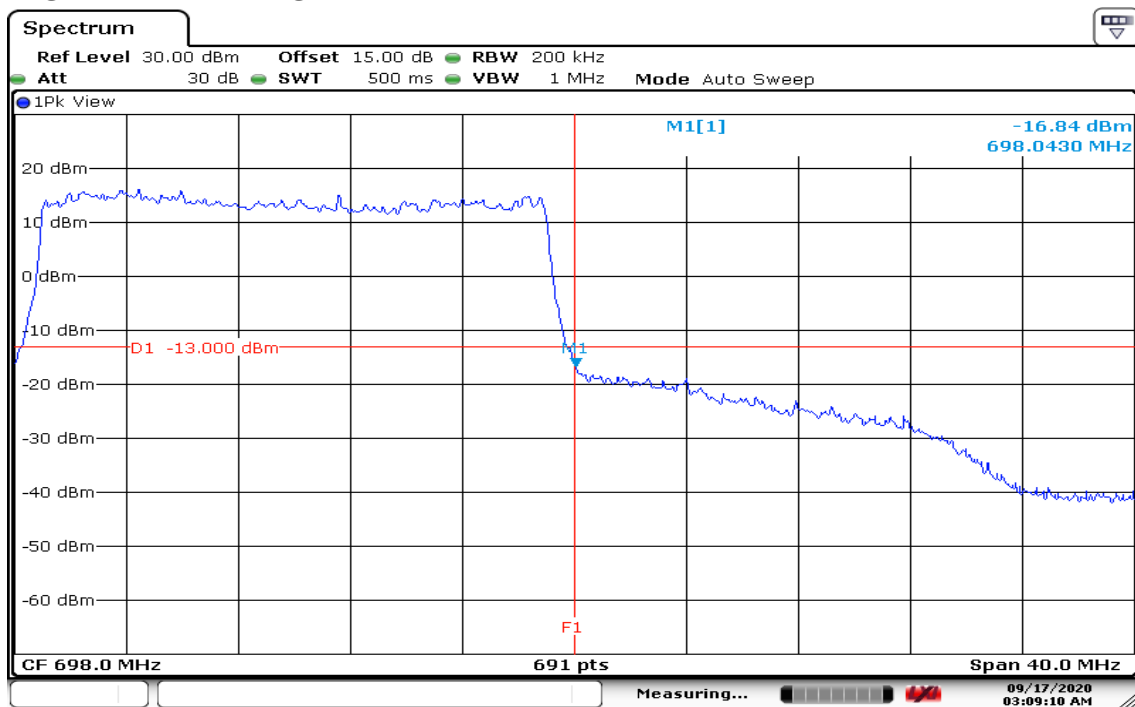
Date: 17 SEP 2020 03:06:29

CHANNEL BANDWIDTH: 20MHz / QPSK / FULL RB ALLOCATION LOWER BAND EDGE



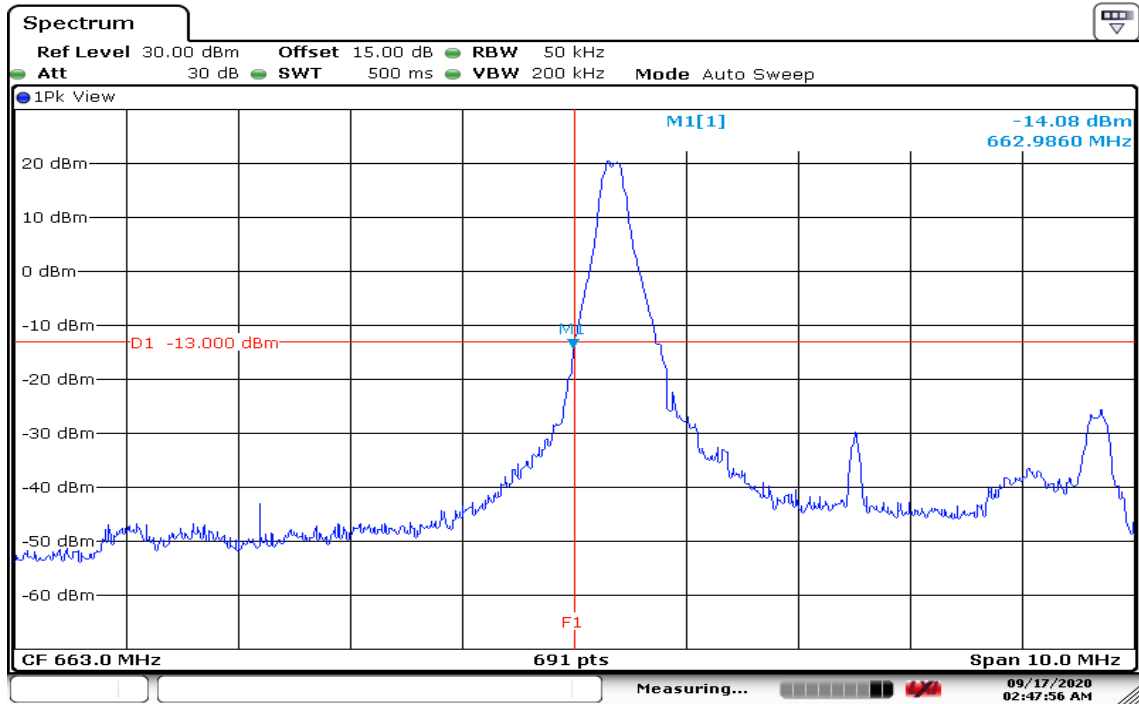
Date: 17 SEP 2020 03:14:57

HIGHER BAND EDGE



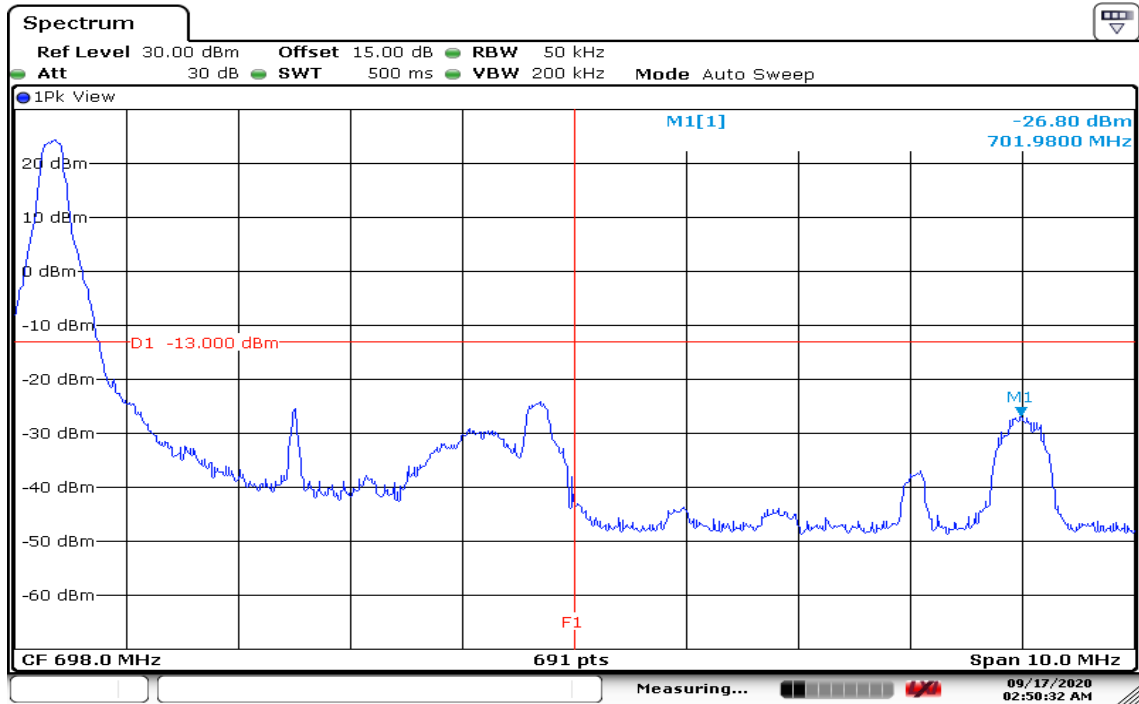
Date: 17 SEP 2020 03:09:11

CHANNEL BANDWIDTH: 5MHz / 16QAM/ 1RB ALLOCATION LOWER BAND EDGE



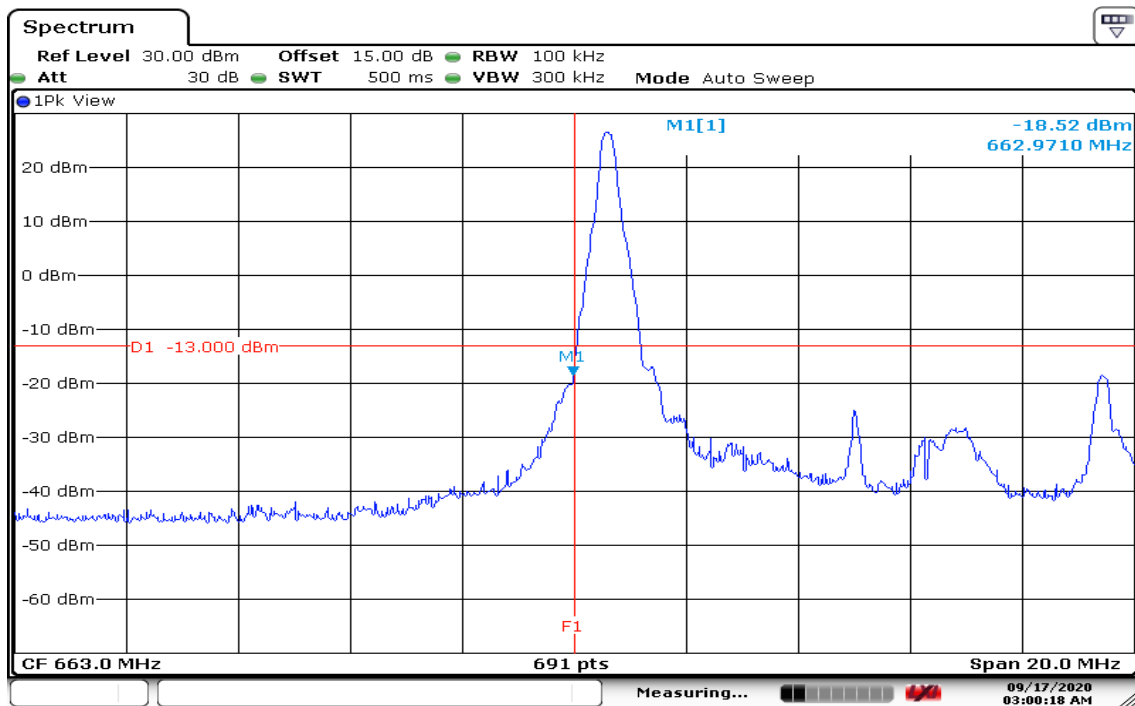
Date: 17 SEP 2020 02:47:57

HIGHER BAND EDGE



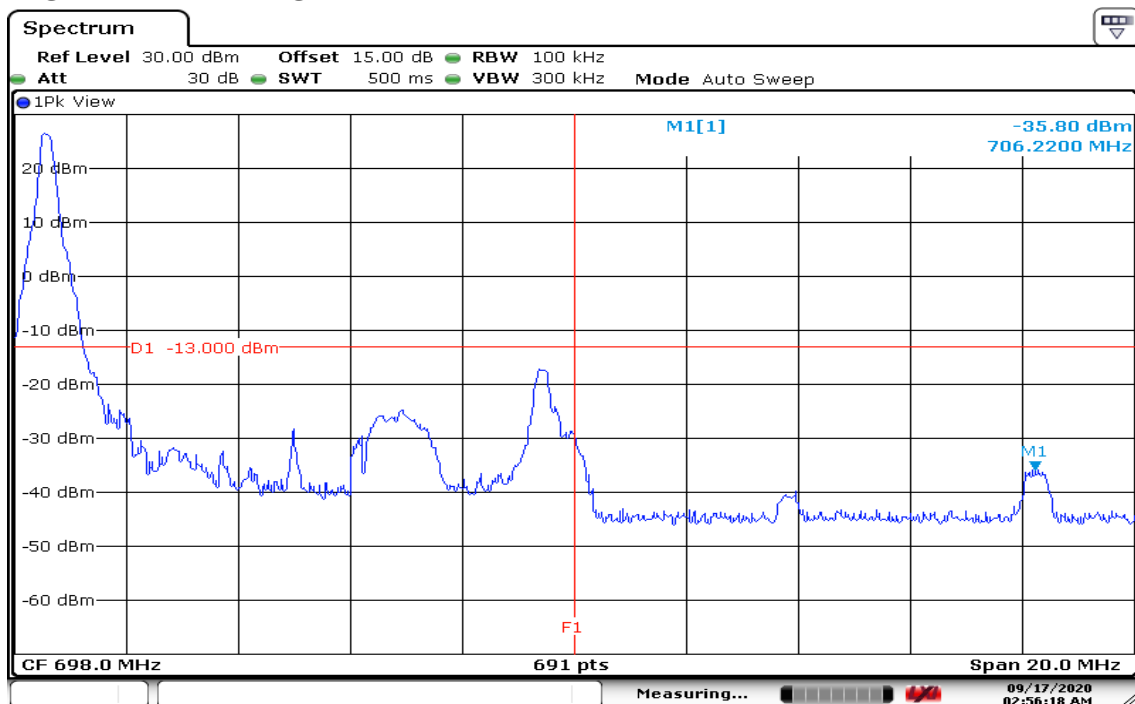
Date: 17 SEP 2020 02:50:32

CHANNEL BANDWIDTH: 10MHz / 16QAM/ 1RB ALLOCATION LOWER BAND EDGE



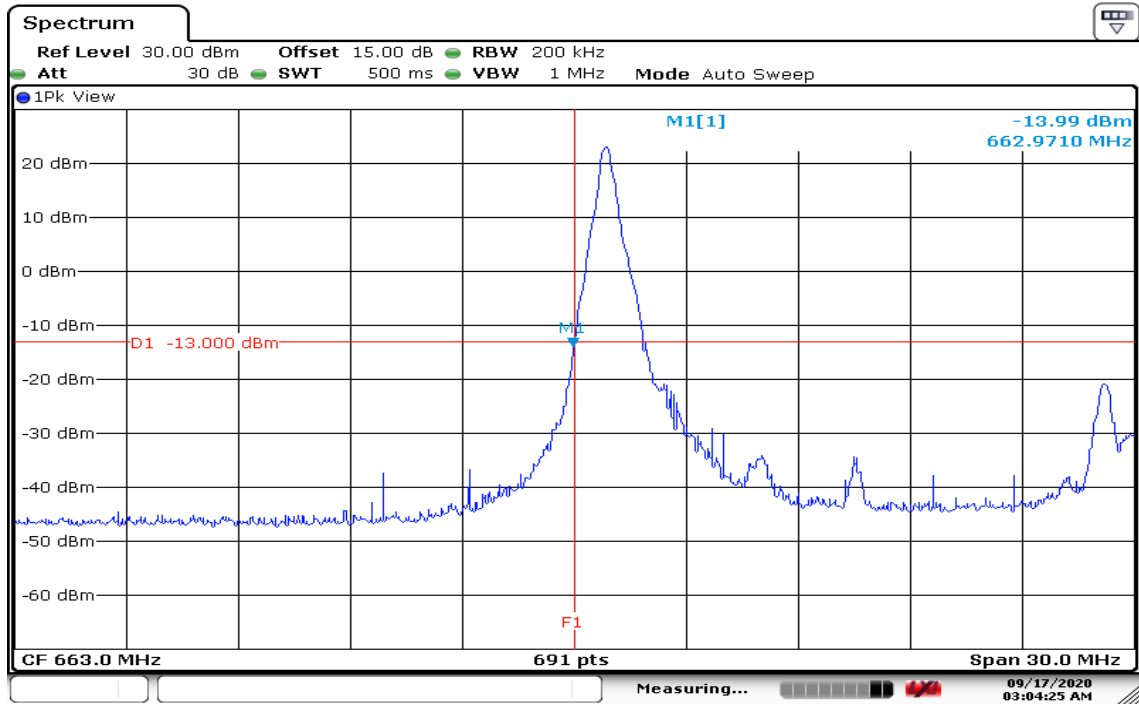
Date: 17 SEP 2020 03:00:18

HIGHER BAND EDGE



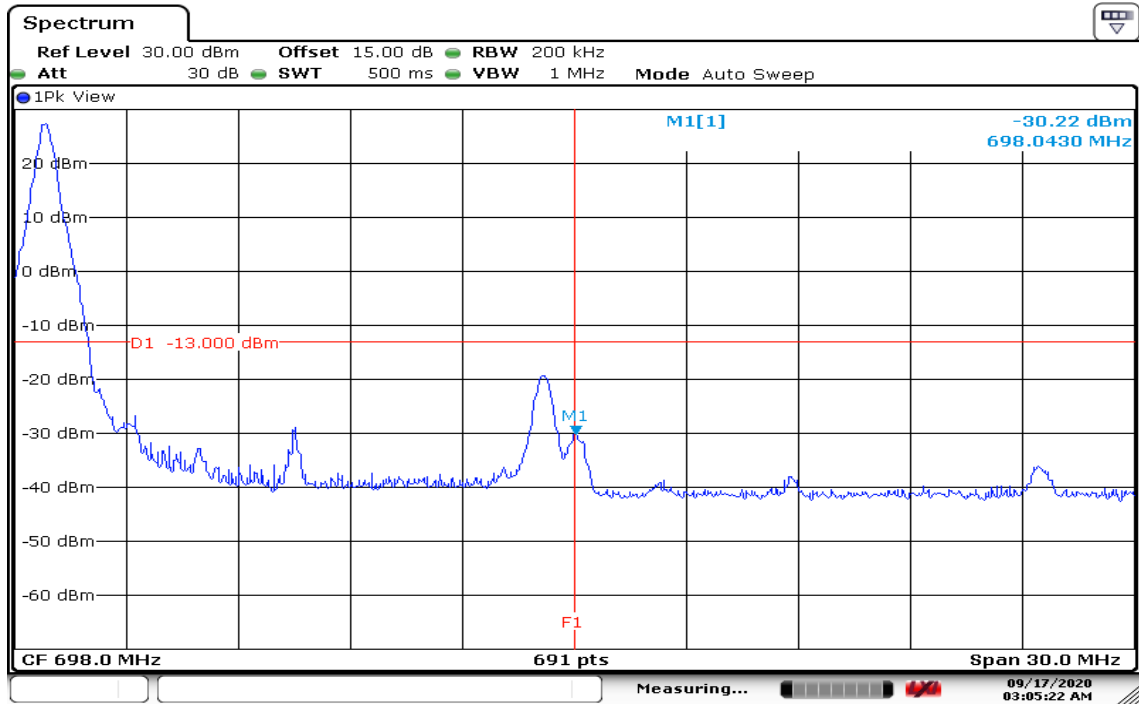
Date: 17 SEP 2020 02:56:18

CHANNEL BANDWIDTH: 15MHz / 16QAM/ 1RB ALLOCATION LOWER BAND EDGE



Date: 17 SEP 2020 03:04:25

HIGHER BAND EDGE

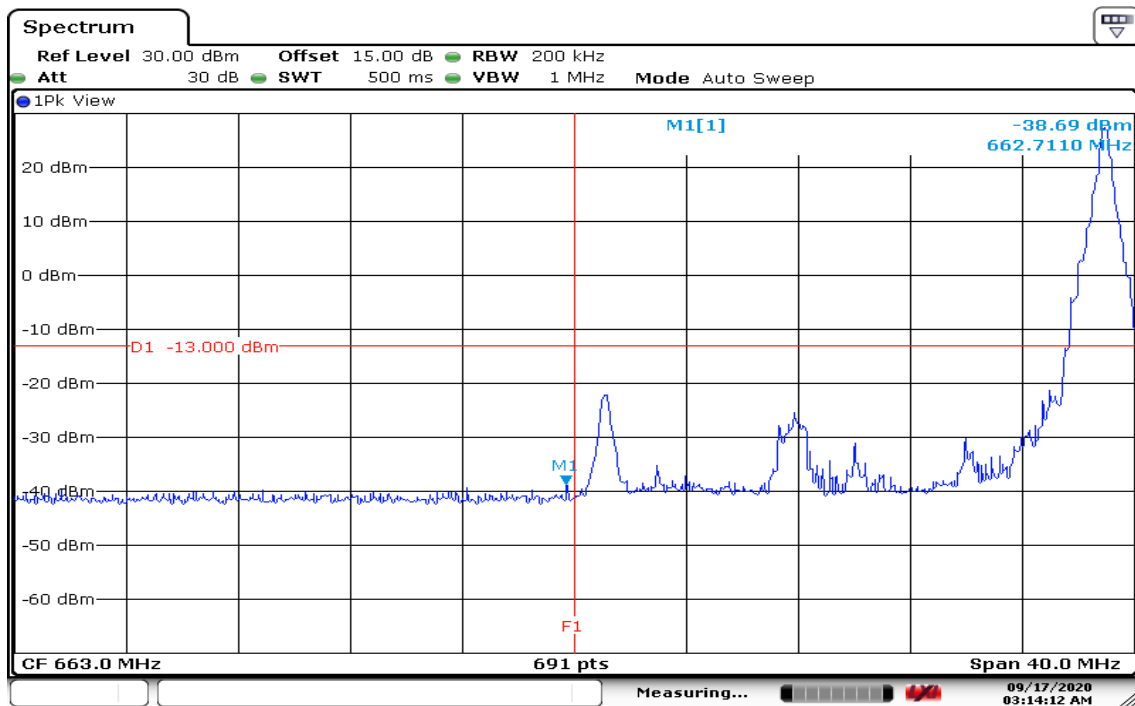


Date: 17 SEP 2020 03:05:22

Report No.: T200825W02-RP6

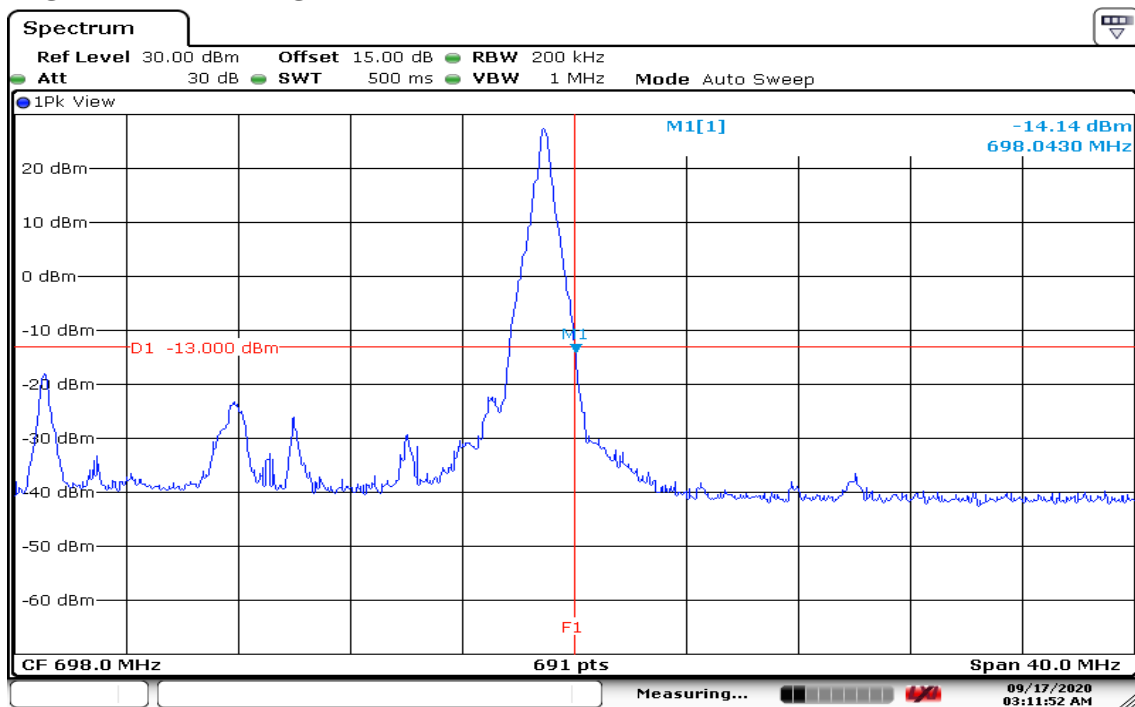
Page: 50 / 80
Rev.: 01

CHANNEL BANDWIDTH: 20MHz / 16QAM/ 1RB ALLOCATION LOWER BAND EDGE



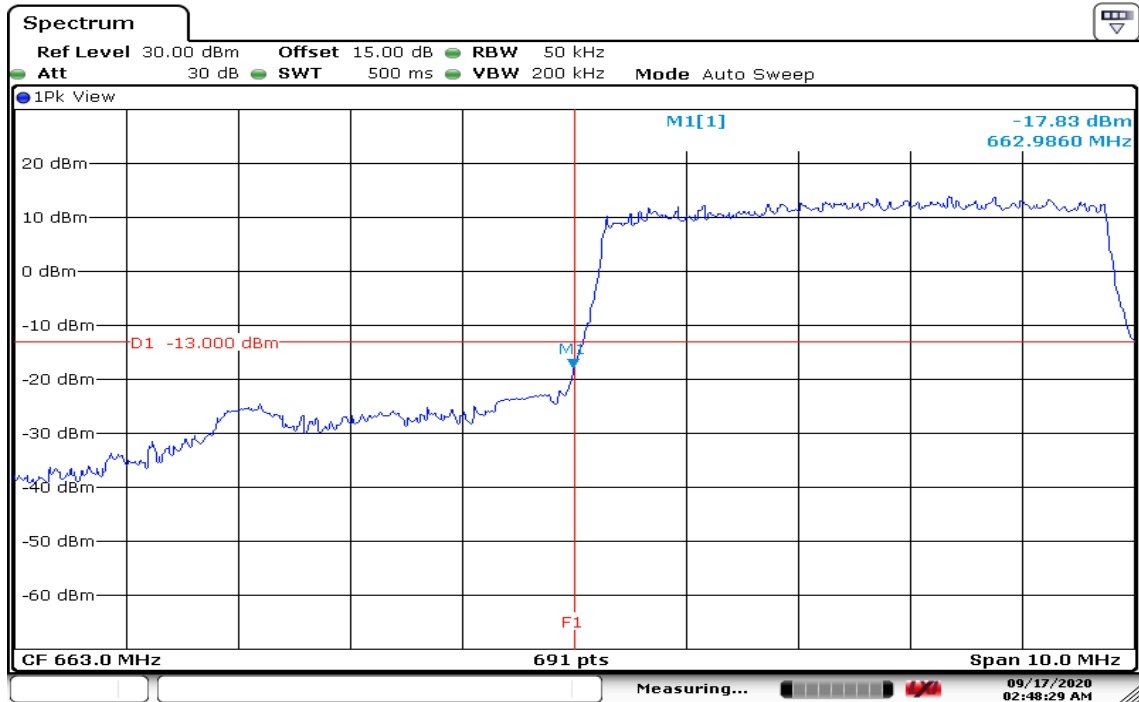
Date: 17 SEP 2020 03:14:13

HIGHER BAND EDGE



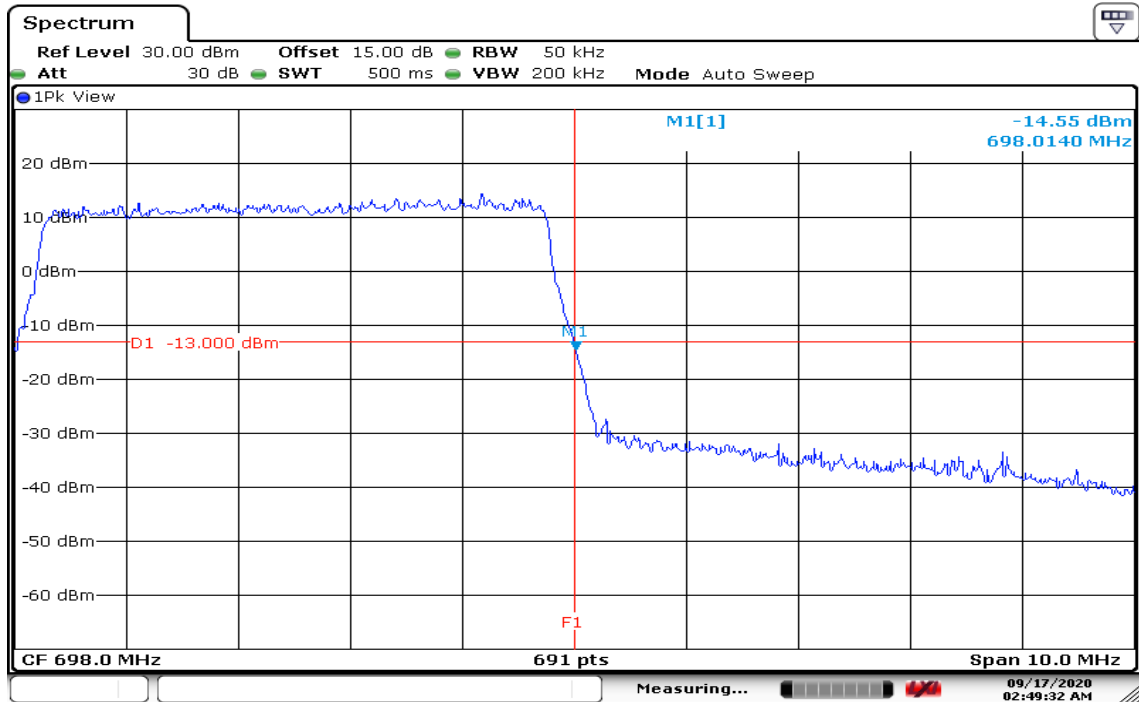
Date: 17 SEP 2020 03:11:53

CHANNEL BANDWIDTH: 5MHz / 16QAM/ FULL RB ALLOCATION LOWER BAND EDGE



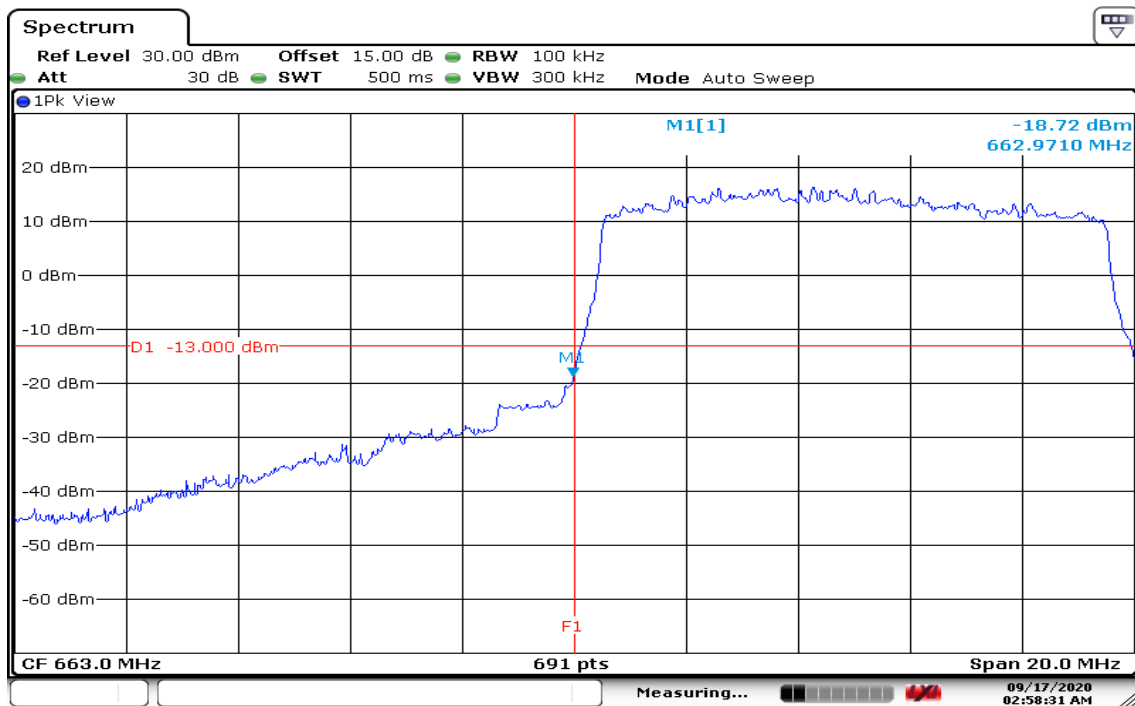
Date: 17 SEP 2020 02:48:29

HIGHER BAND EDGE



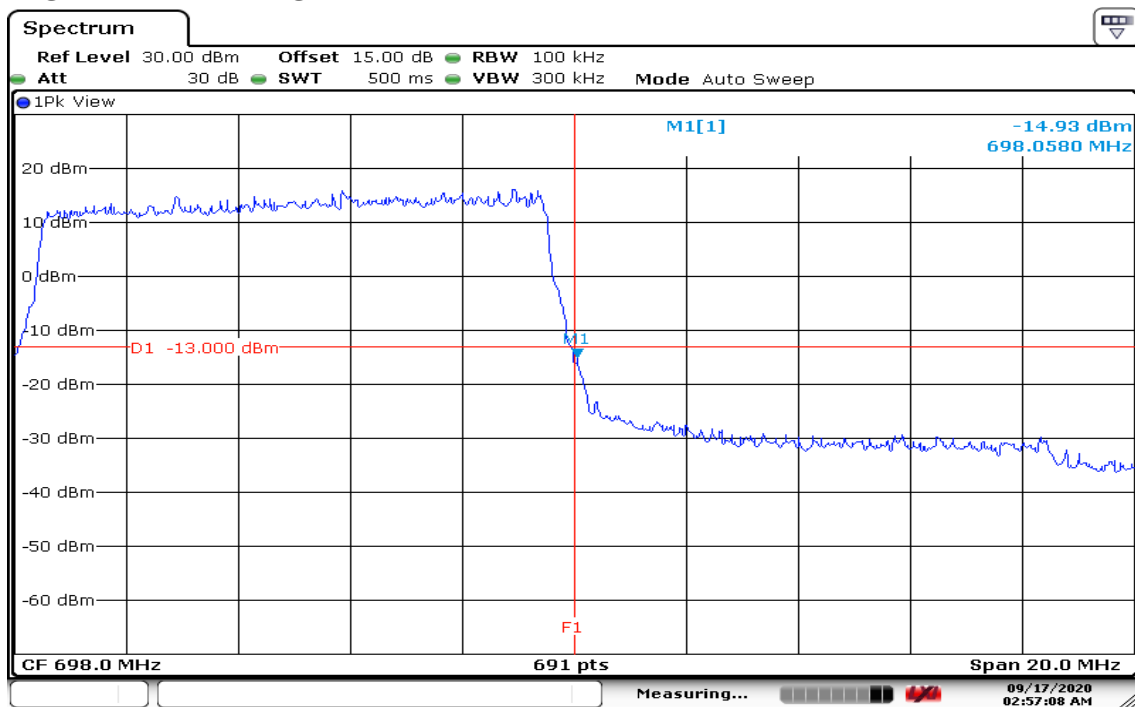
Date: 17 SEP 2020 02:49:32

CHANNEL BANDWIDTH: 10MHz / 16QAM/ FULLRB ALLOCATION LOWER BAND EDGE



Date: 17 SEP 2020 02:58:32

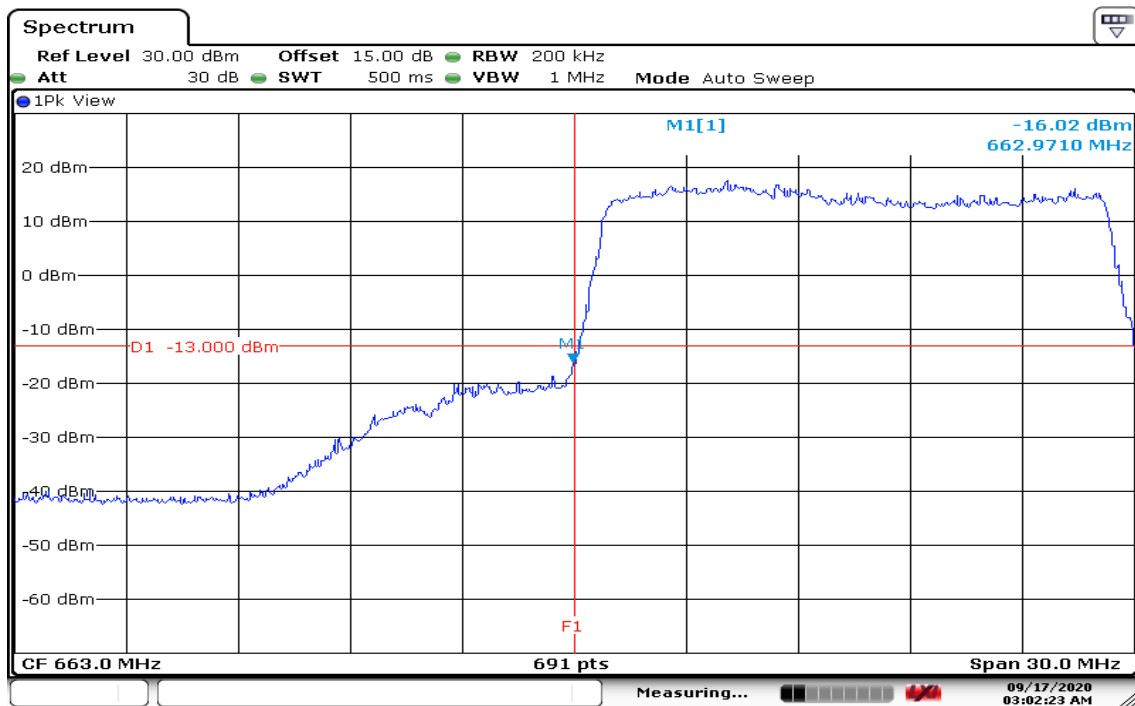
HIGHER BAND EDGE



Date: 17 SEP 2020 02:57:09

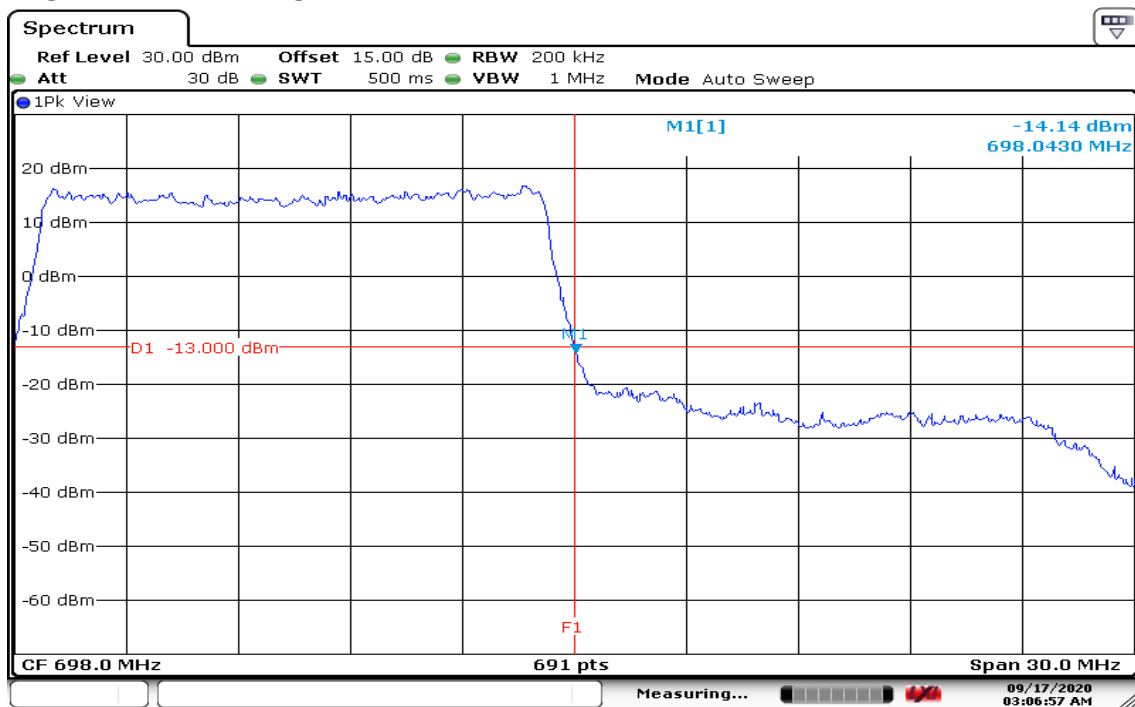
Report No.: T200825W02-RP6

CHANNEL BANDWIDTH: 15MHz / 16QAM/ FULL RB ALLOCATION LOWER BAND EDGE



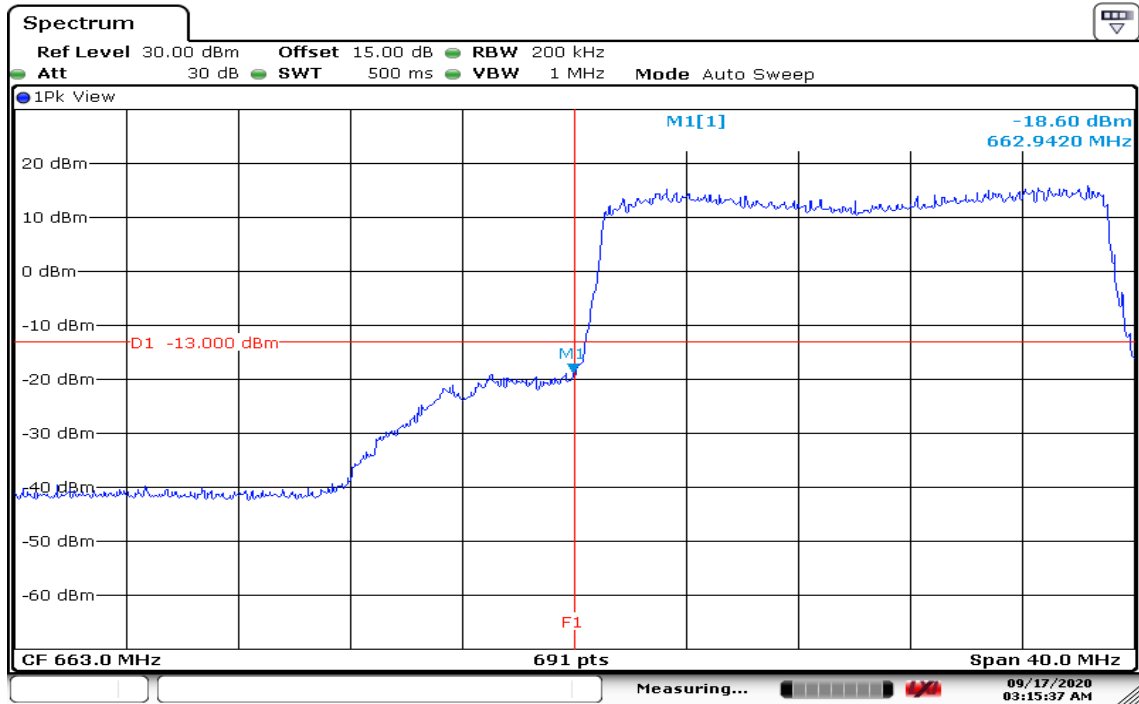
Date: 17 SEP 2020 03:02:23

HIGHER BAND EDGE



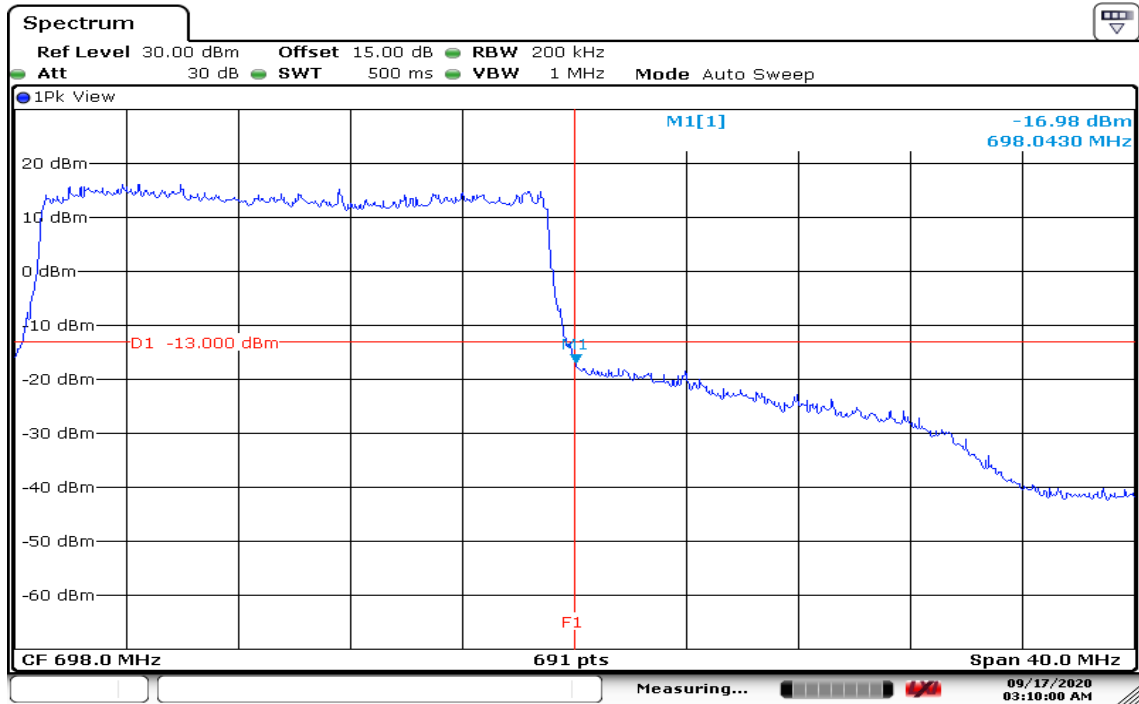
Date: 17 SEP 2020 03:06:58

CHANNEL BANDWIDTH: 20MHz / 16QAM/ FULLRB ALLOCATION LOWER BAND EDGE



Date: 17 SEP 2020 03:15:37

HIGHER BAND EDGE



Date: 17 SEP 2020 03:10:00

8.6 CONDUCTED SPURIOUS EMISSIONS

LIMITS

The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least $43 + 10 \log_{10}(P)$ dB. The limit of emission equal to -13dBm

TEST PROCEDURES

1. According to KDB 971168D01, photograph 6.0
2. The EUT was connect to spectrum analyzer and call box.
3. The RF output of EUT was connected to the spectrum analyzer.
4. Set the spectrum analyzer , RBW=1MHz, VBW=3MHz.
5. Record the maximum spurious emission.
6. The fundamental frequency should be excluded against the limit in operating band.

TEST RESULTS

Temperature: 24.1°C

Humidity: 50.5% RH

Tested by: Rick Lee

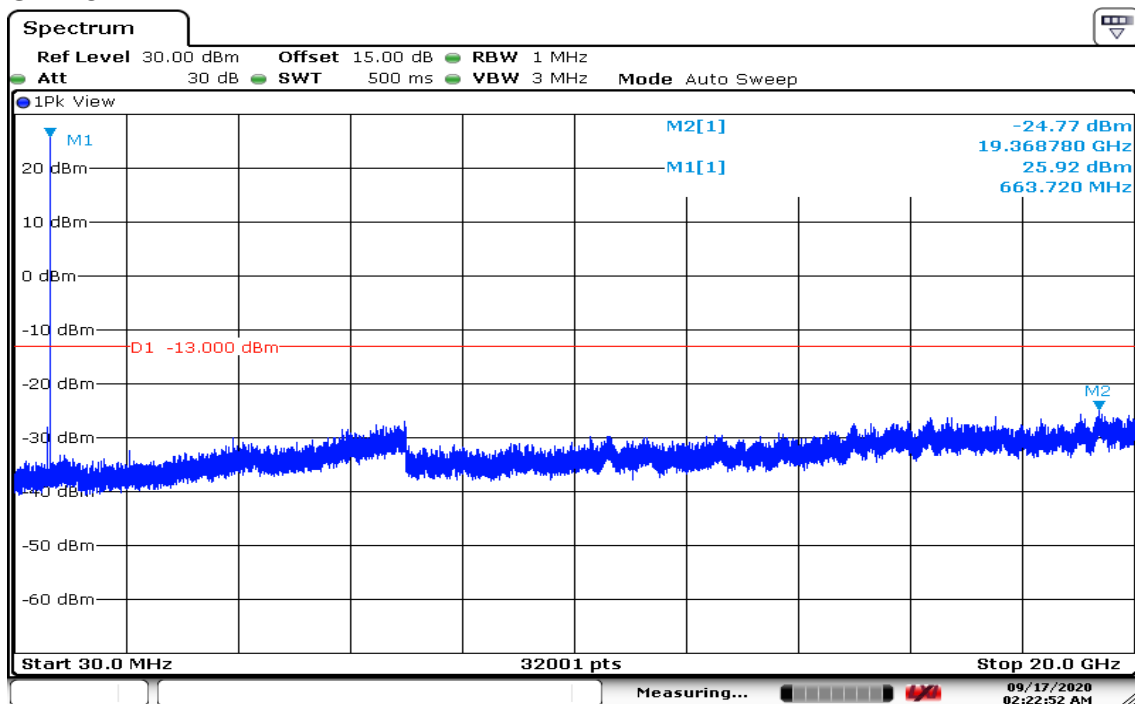
Test date: September 17, 2020

Report No.: T200825W02-RP6

LTE Band 71

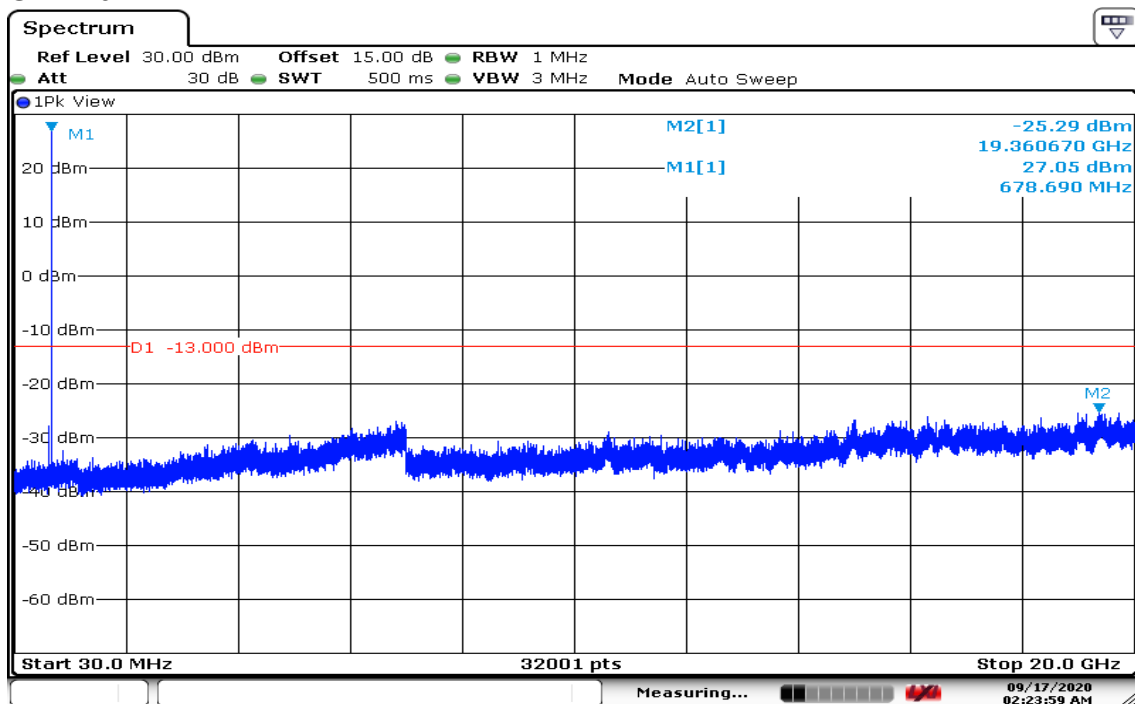
CHANNEL BANDWIDTH: 5MHz /QPSK

CH Low



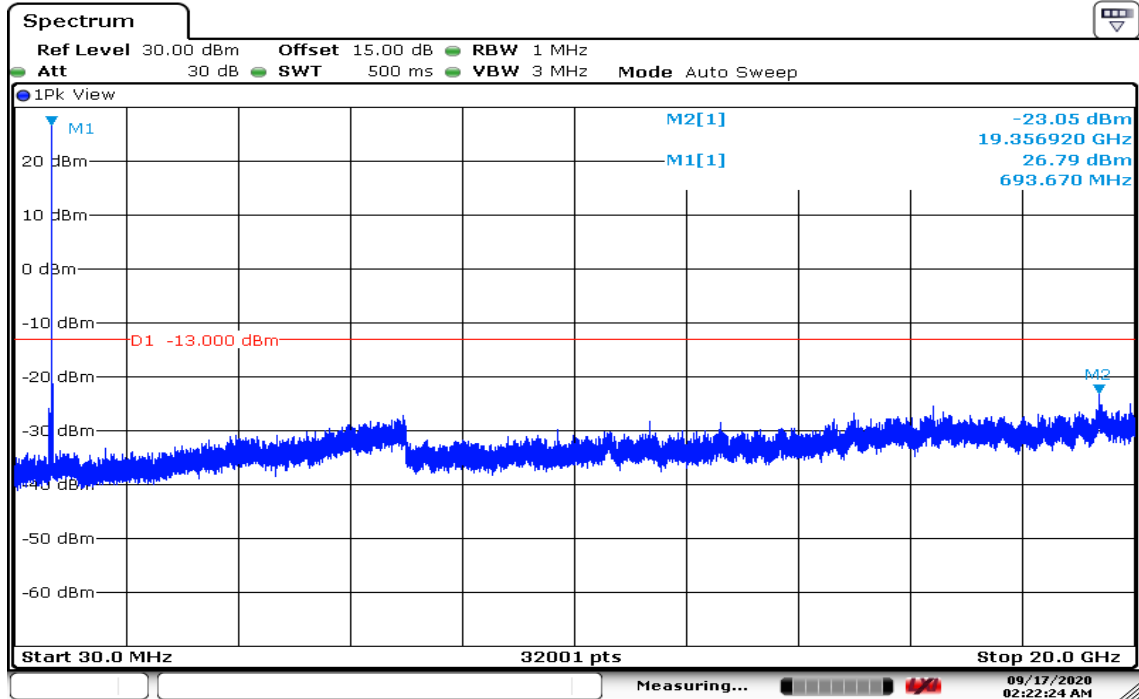
Date: 17 SEP 2020 02:22:52

CH Mid



Date: 17 SEP 2020 02:23:58

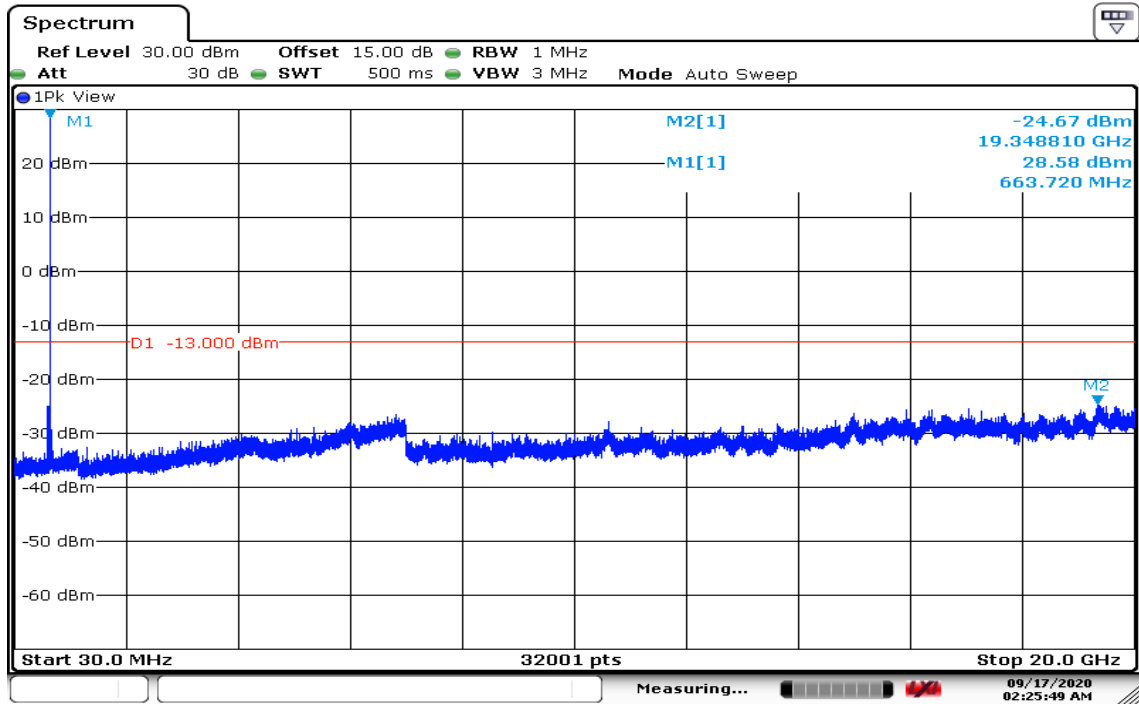
CH High



Date: 17 SEP 2020 02:22:24

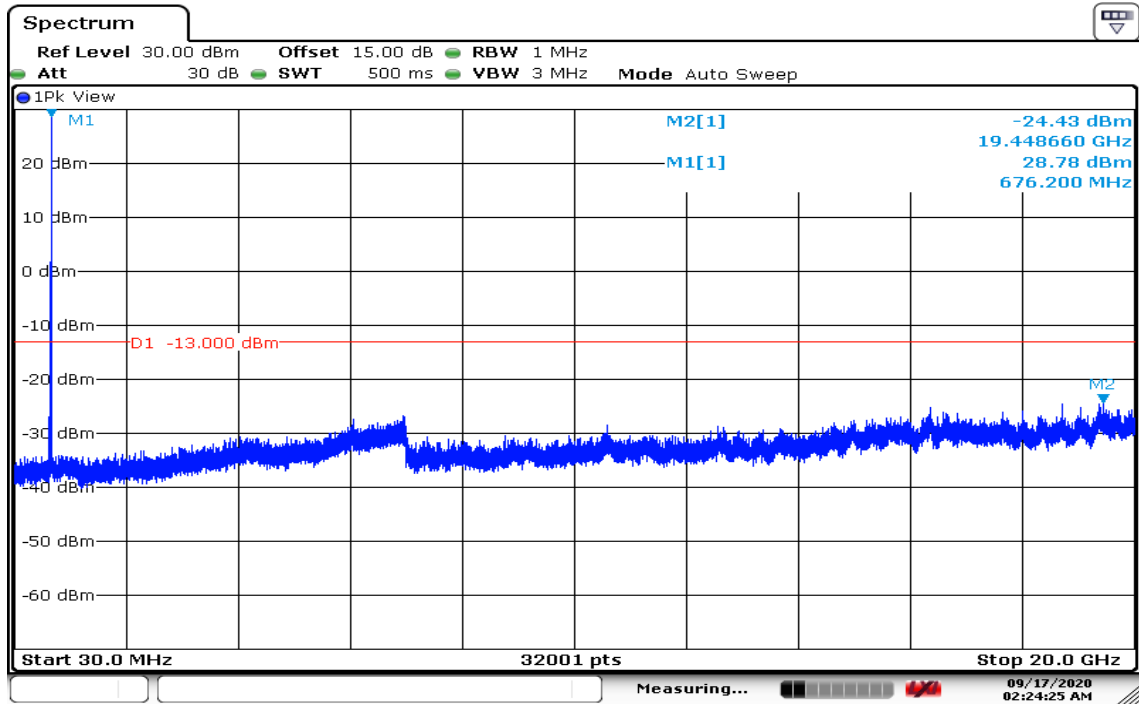
Report No.: T200825W02-RP6

CHANNEL BANDWIDTH: 10MHz /QPSK CH Low



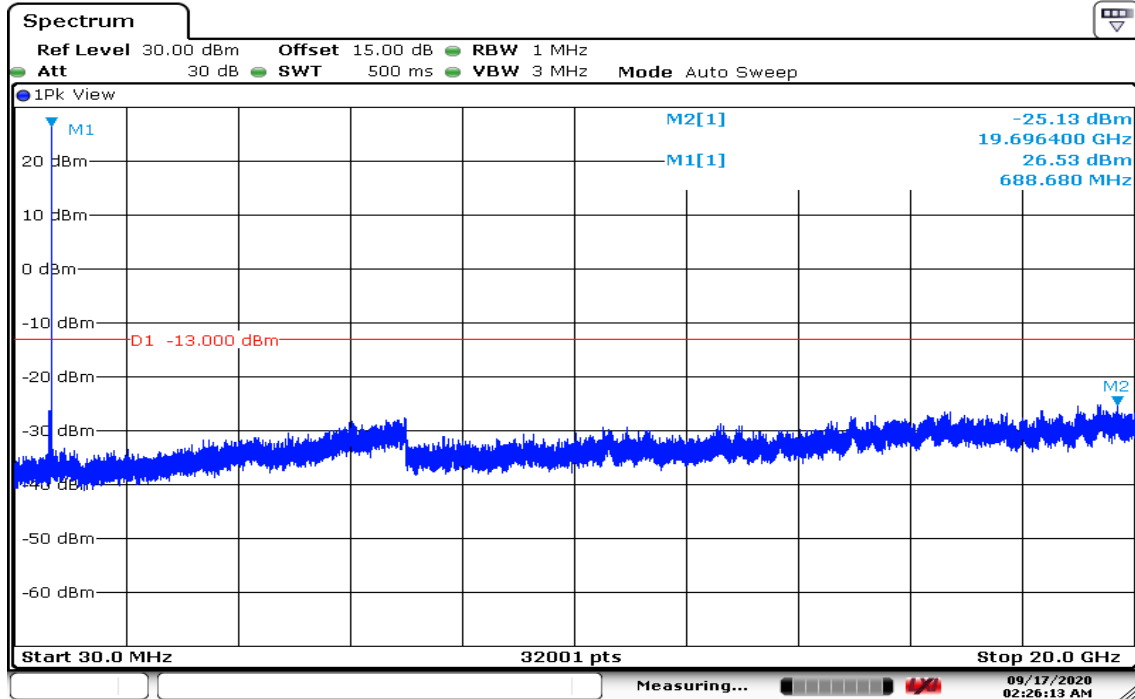
Date: 17 SEP 2020 02:25:49

CH Mid



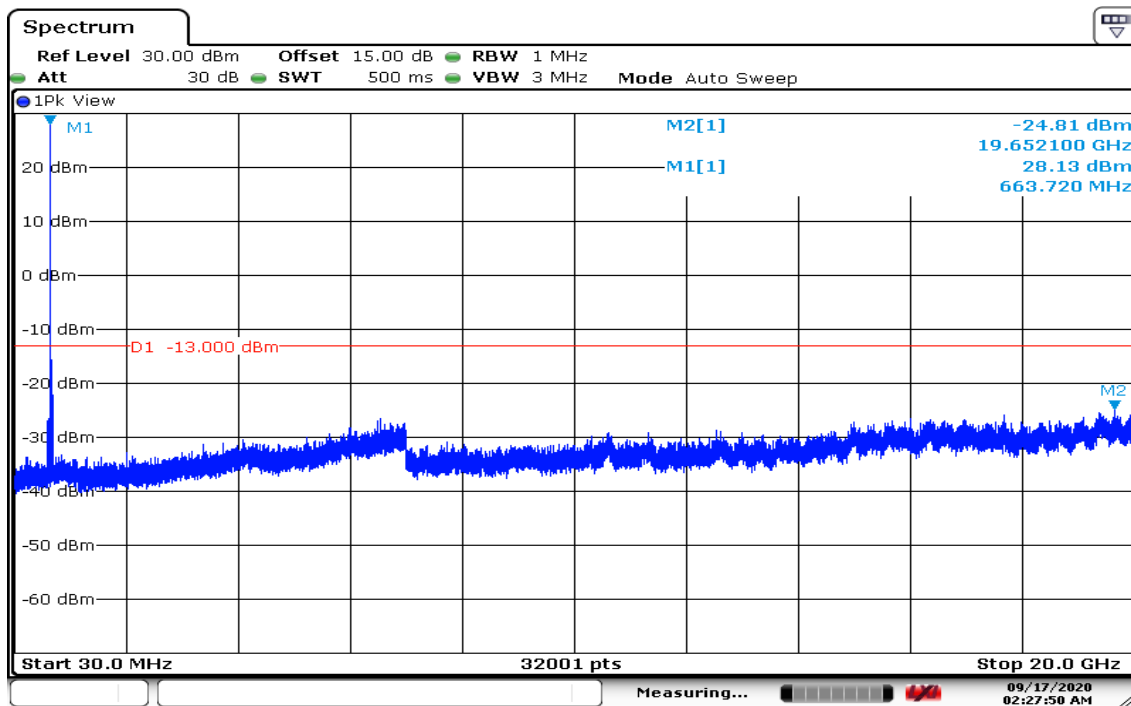
Date: 17 SEP 2020 02:24:25

CH High



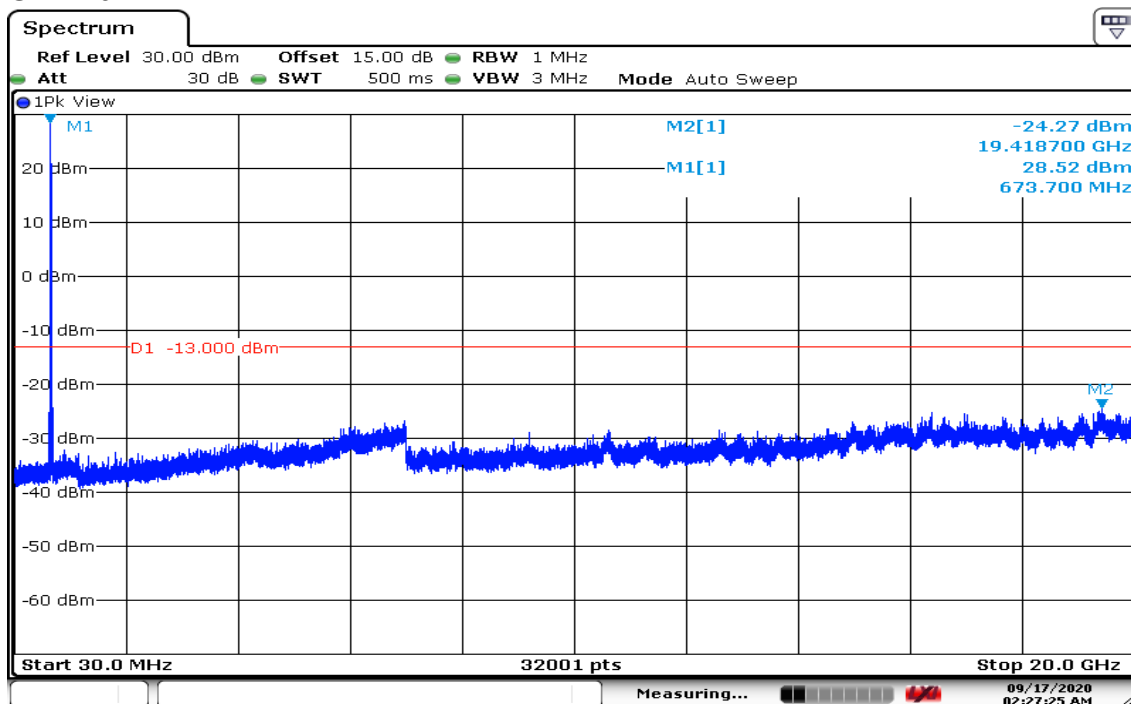
Date: 17 SEP 2020 02:26:14

CHANNEL BANDWIDTH: 15MHz /QPSK CH Low



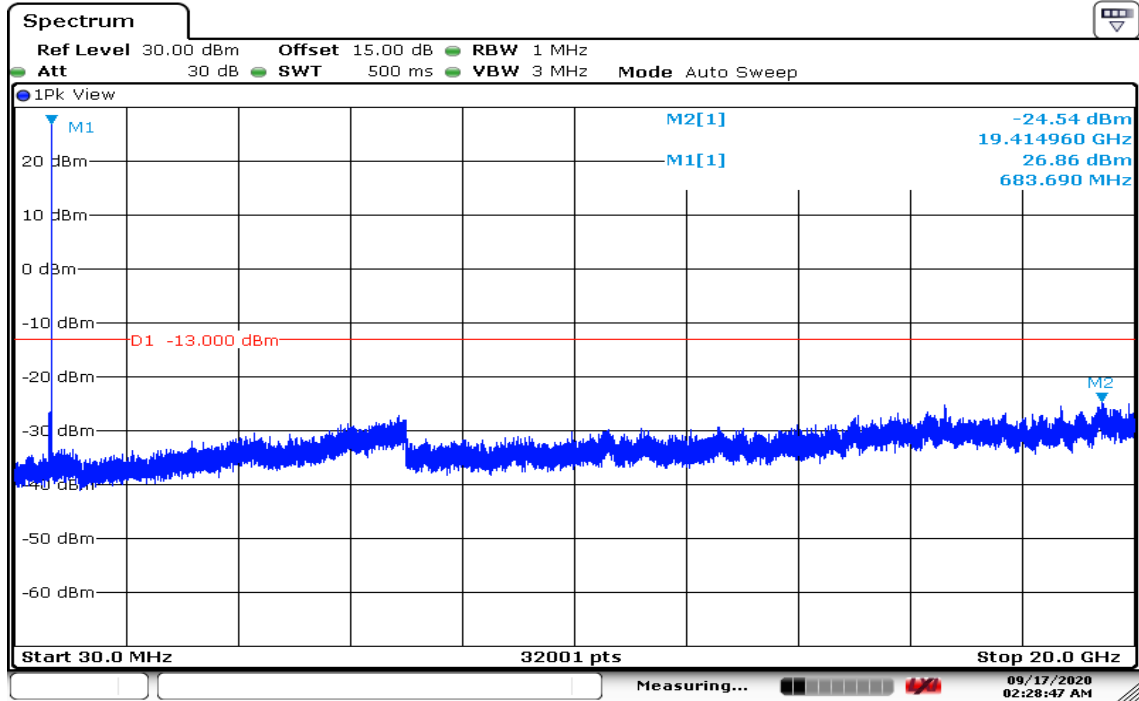
Date: 17 SEP 2020 02:27:50

CH Mid



Date: 17 SEP 2020 02:27:26

CH High

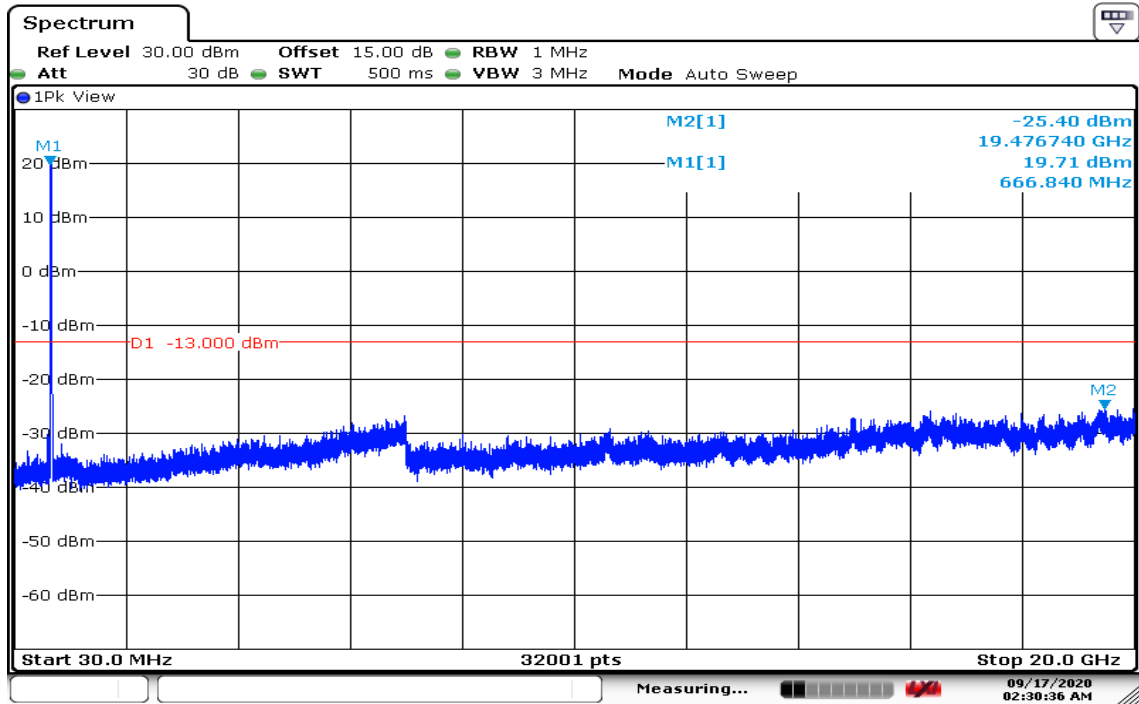


Date: 17 SEP 2020 02:28:47

Report No.: T200825W02-RP6

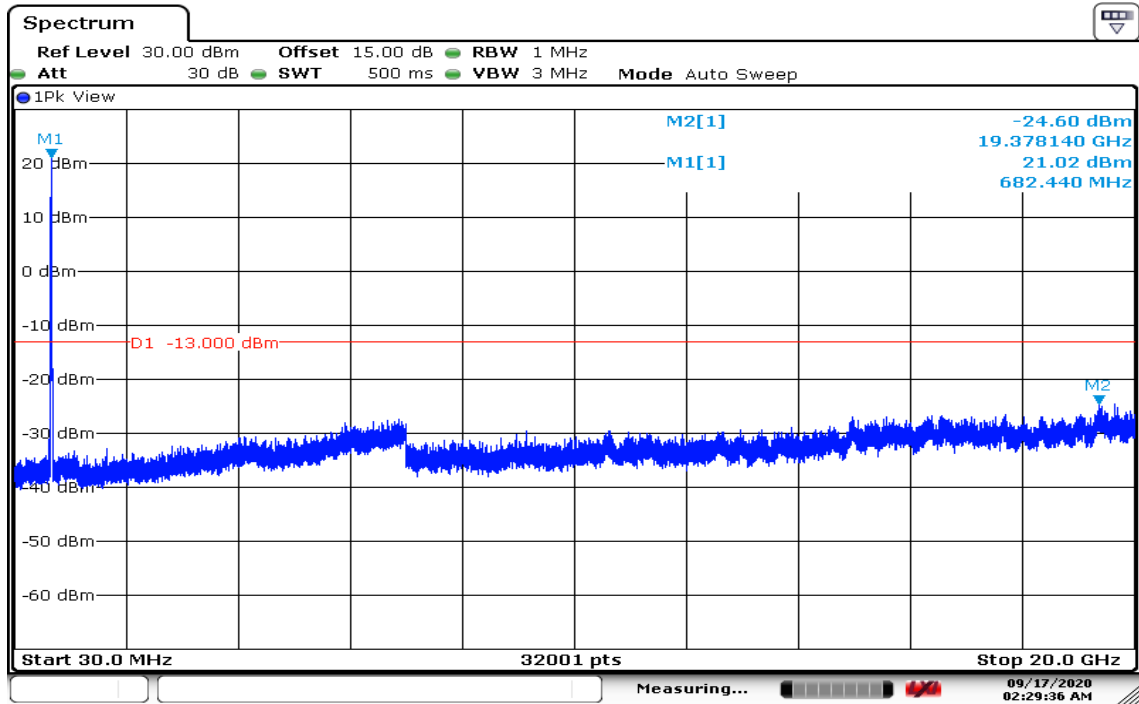
Page: 62 / 80
Rev.: 01

CHANNEL BANDWIDTH: 20MHz /QPSK CH Low



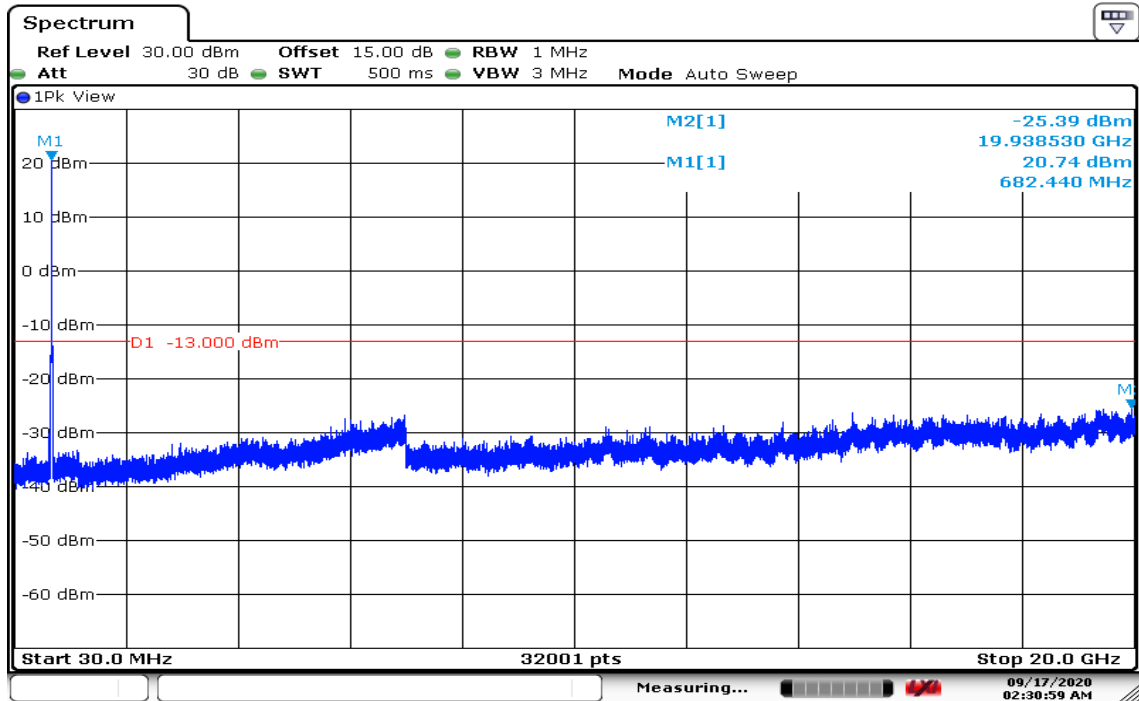
Date: 17 SEP 2020 02:30:37

CH Mid



Date: 17 SEP 2020 02:29:37

CH High

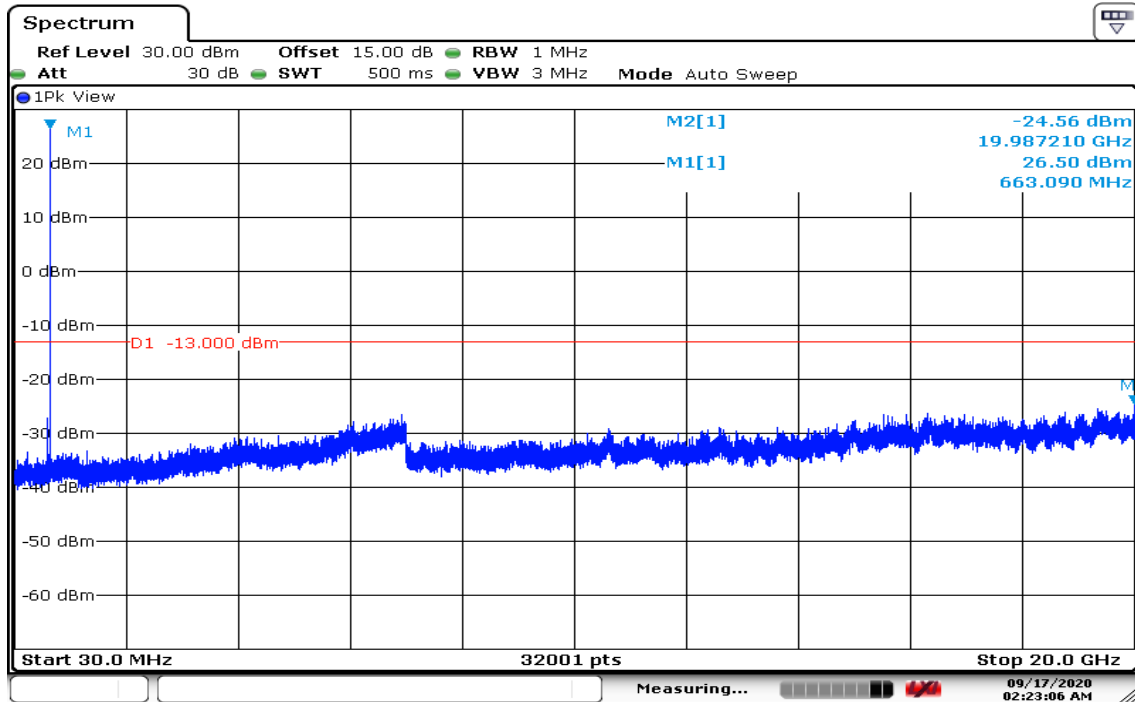


Date: 17 SEP 2020 02:31:00

Report No.: T200825W02-RP6

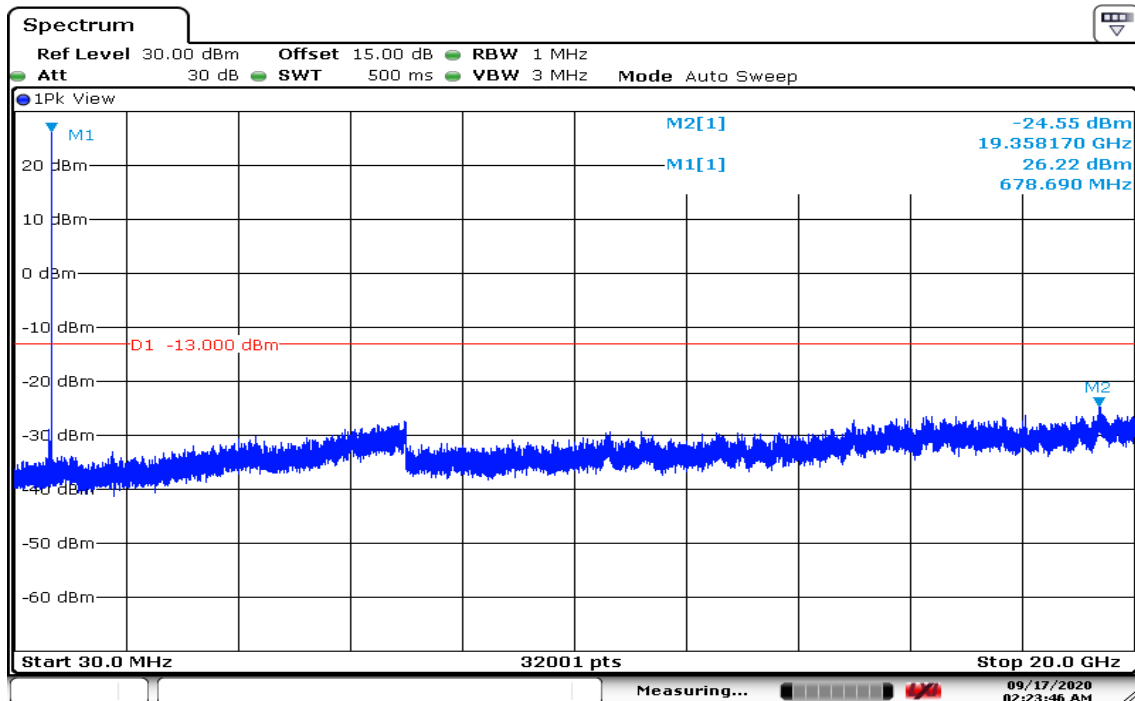
Page: 64 / 80
Rev.: 01

CHANNEL BANDWIDTH:5MHz /16QAM CH Low



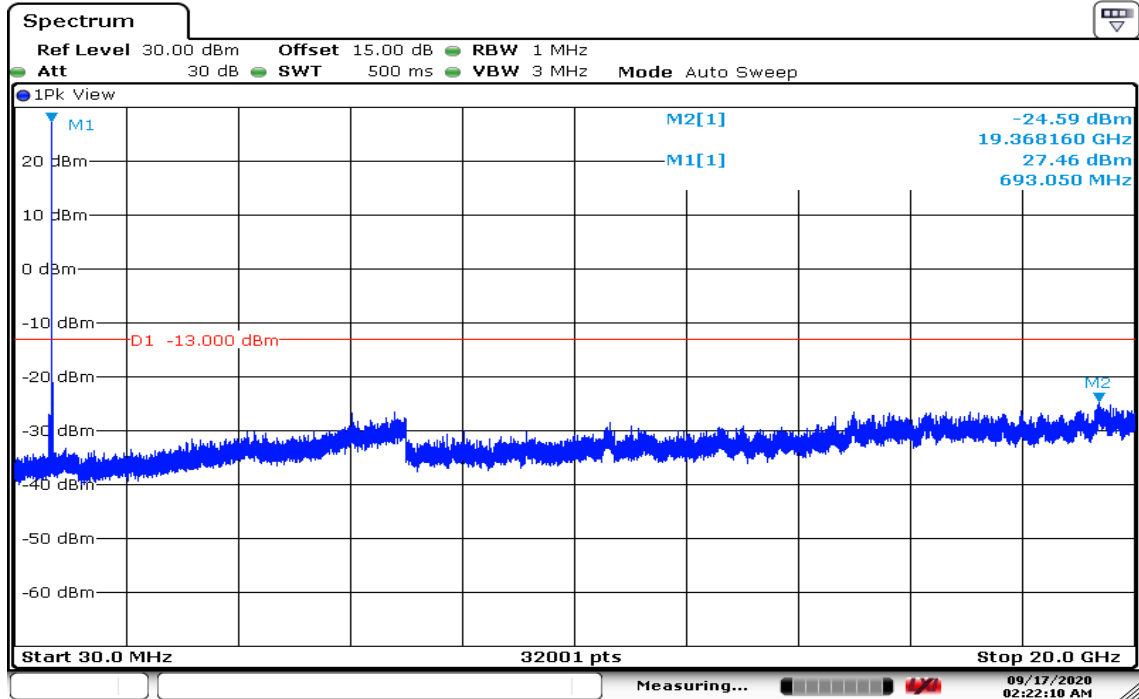
Date: 17 SEP 2020 02:23:06

CH Mid



Date: 17 SEP 2020 02:23:47

CH High

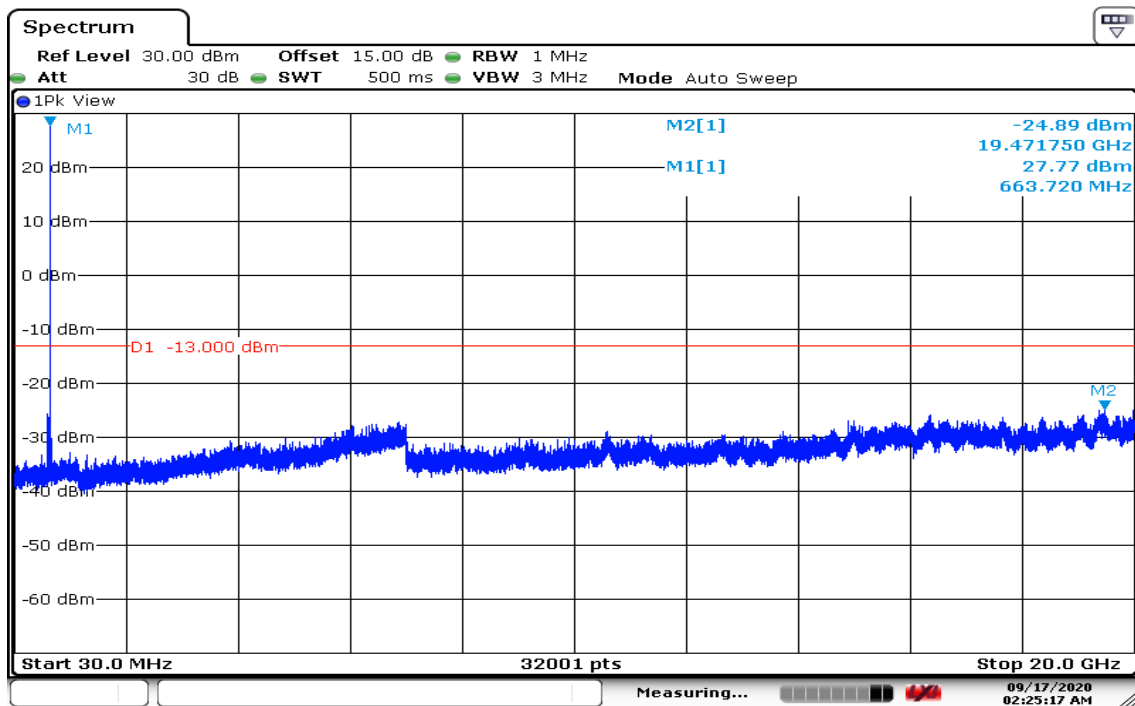


Date: 17 SEP 2020 02:22:10

Report No.: T200825W02-RP6

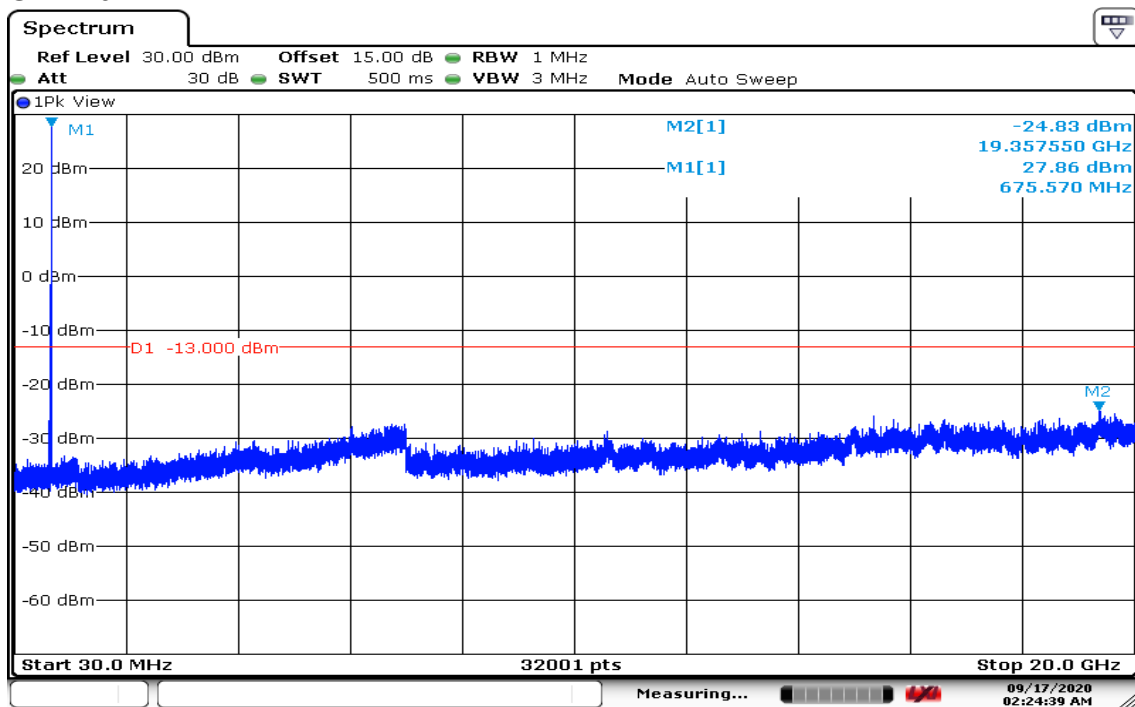
Page: 66 / 80
Rev.: 01

CHANNEL BANDWIDTH:10MHz /16QAM CH Low



Date: 17 SEP 2020 02:25:17

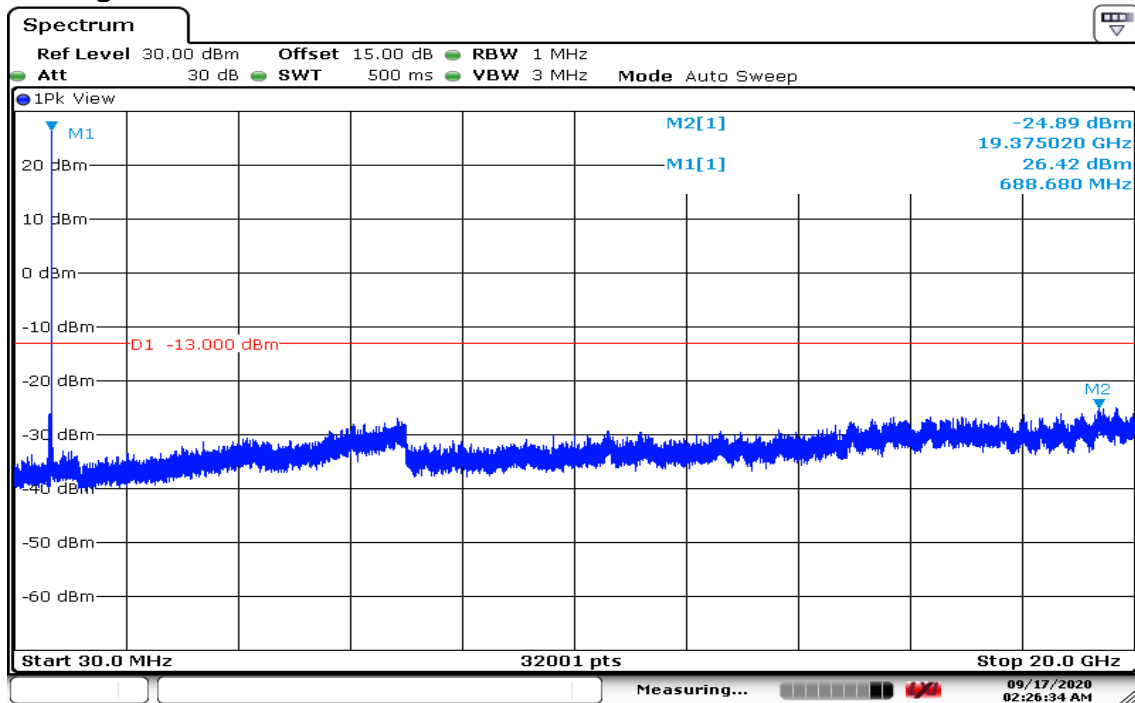
CH Mid



Date: 17 SEP 2020 02:24:40

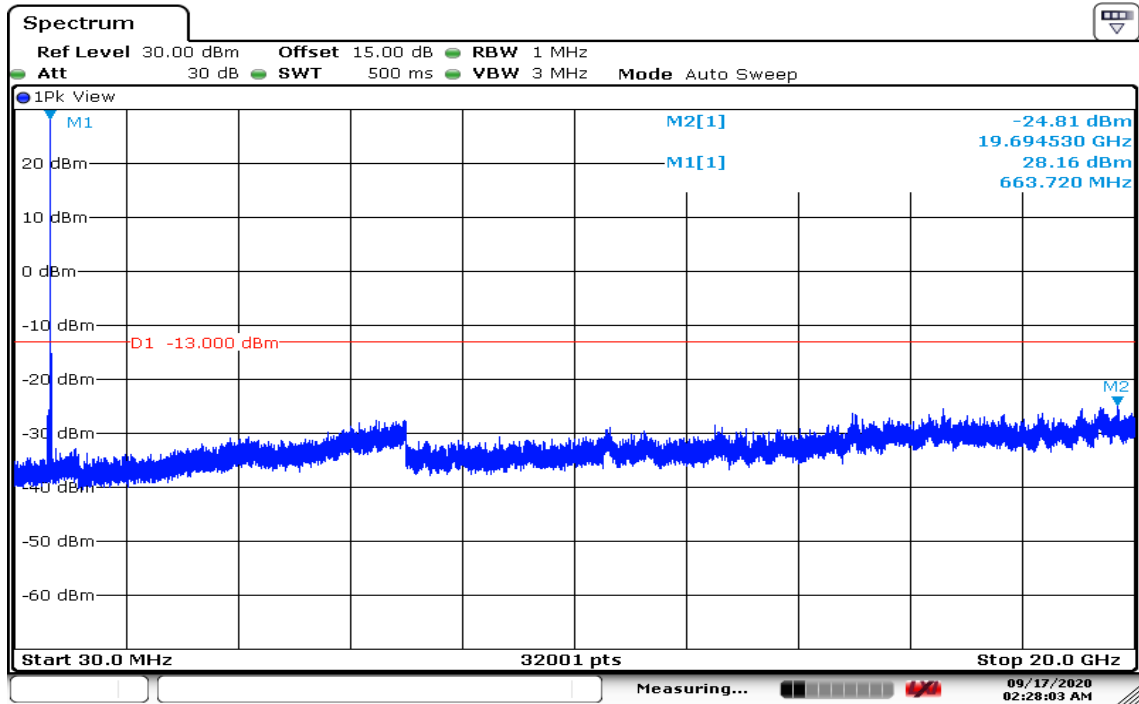
Report No.: T200825W02-RP6

CH High



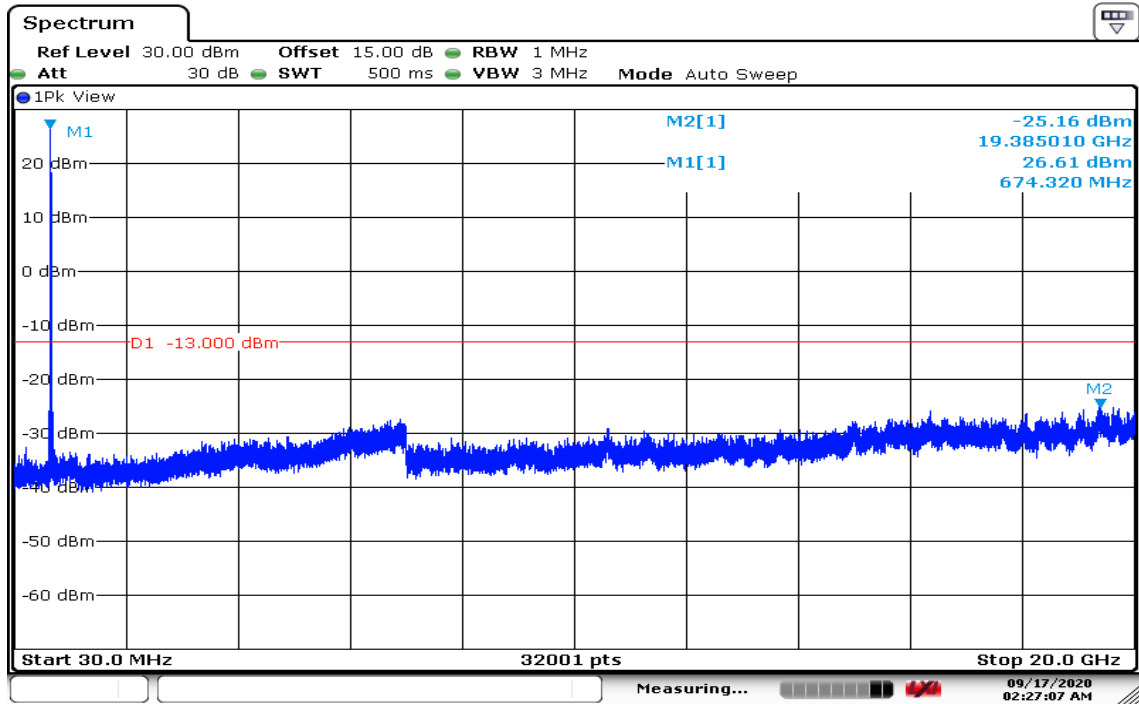
Date: 17 SEP 2020 02:26:34

CHANNEL BANDWIDTH:15MHz /16QAM CH Low



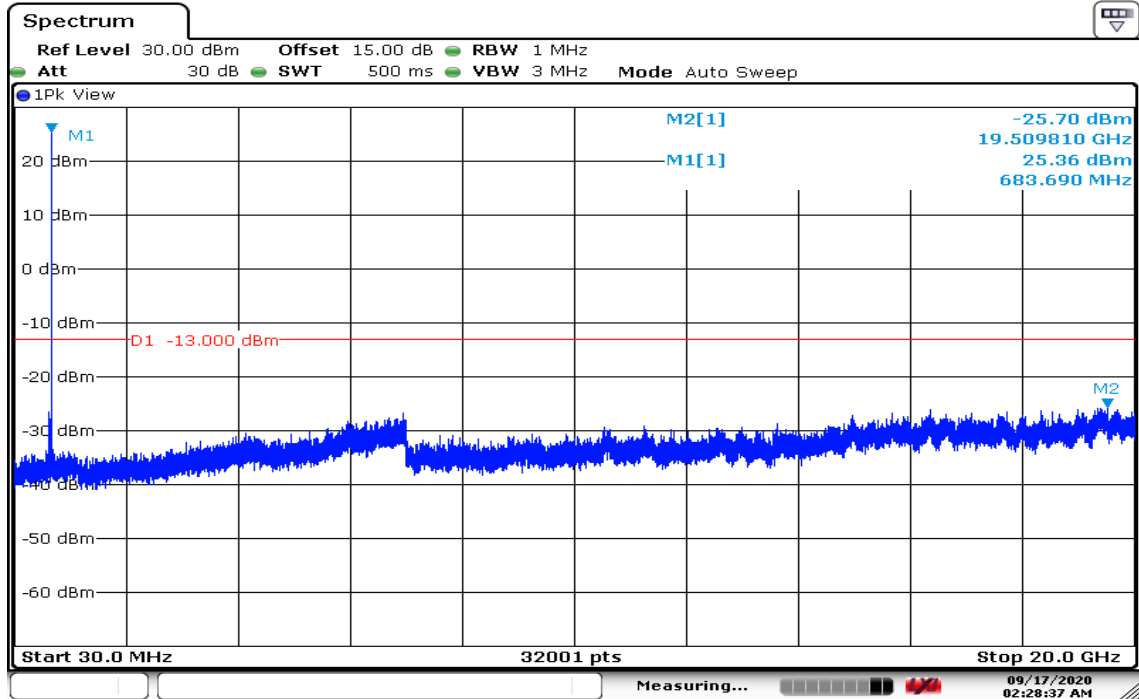
Date: 17 SEP 2020 02:28:03

CH Mid



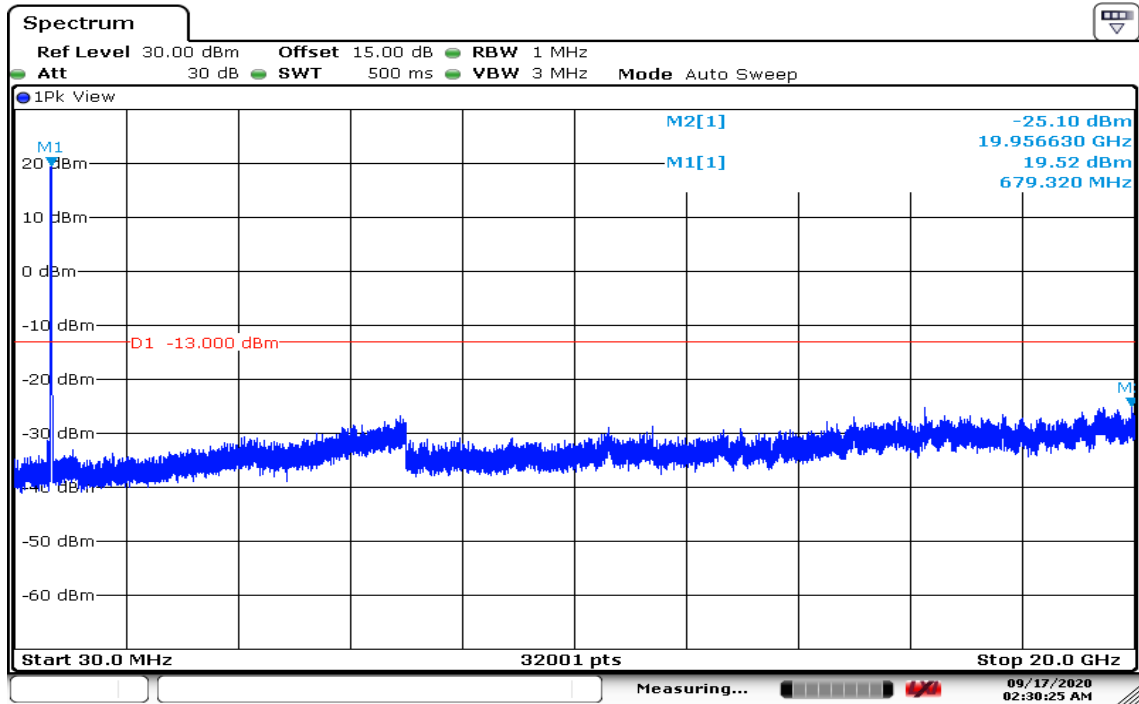
Date: 17 SEP 2020 02:27:07

CH High



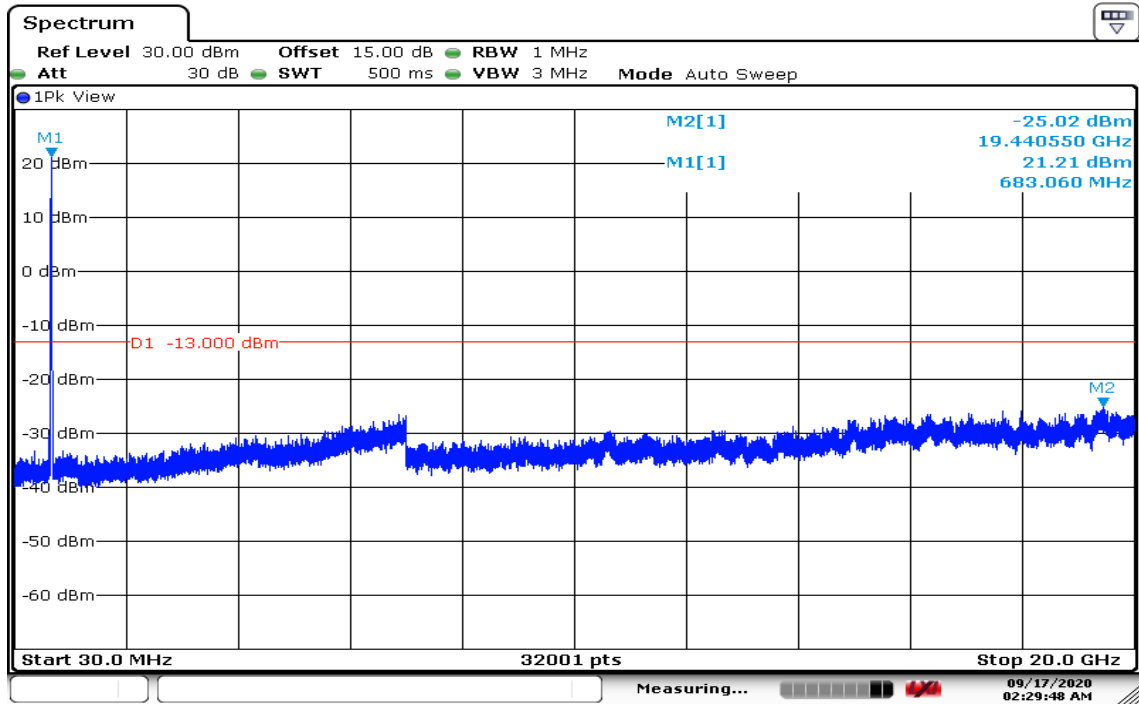
Date: 17 SEP 2020 02:28:38

CHANNEL BANDWIDTH:20MHz /16QAM CH Low



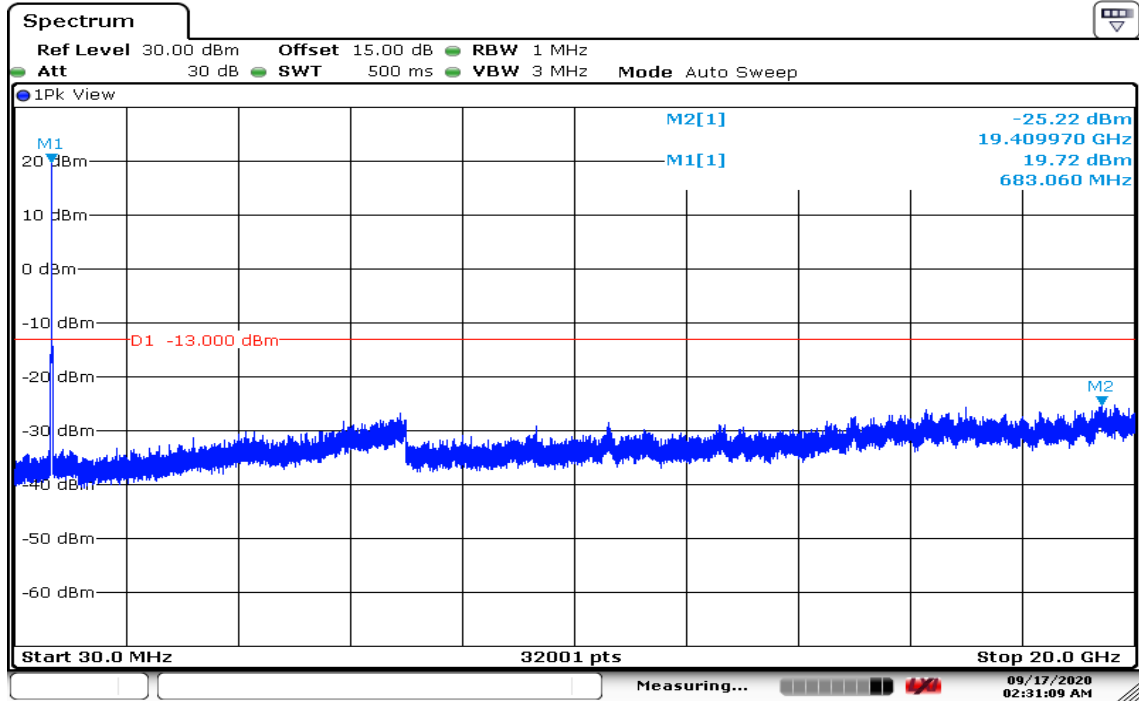
Date: 17 SEP 2020 02:30:25

CH Mid



Date: 17 SEP 2020 02:29:49

CH High



Date: 17 SEP 2020 02:31:09

8.7 RADIATED EMISSION MEASUREMENT

LIMITS

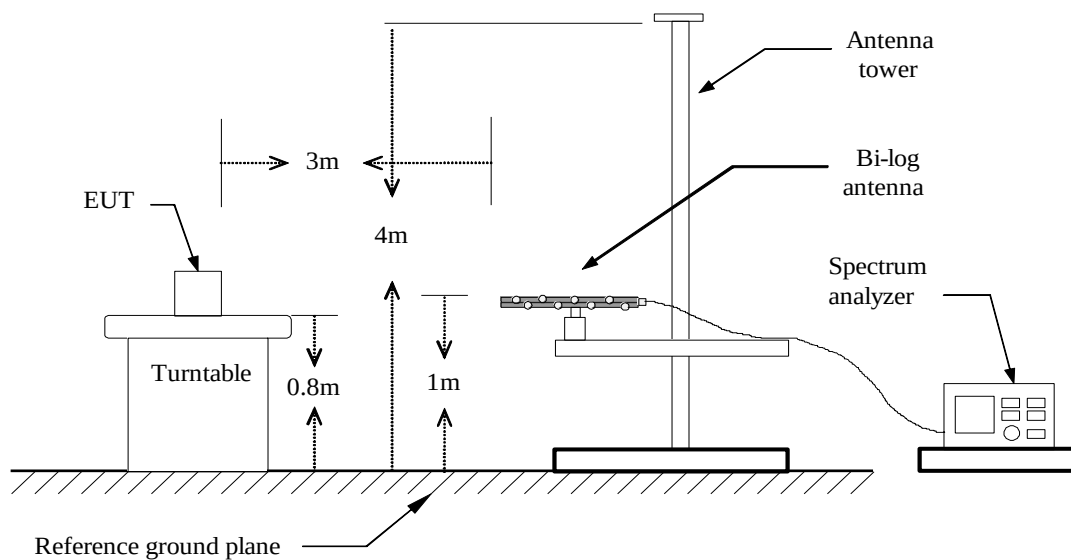
27.53(g), Band 71

For operations in the 600 MHz band and the 698-746MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least $43 + 10 \log (P)$ dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

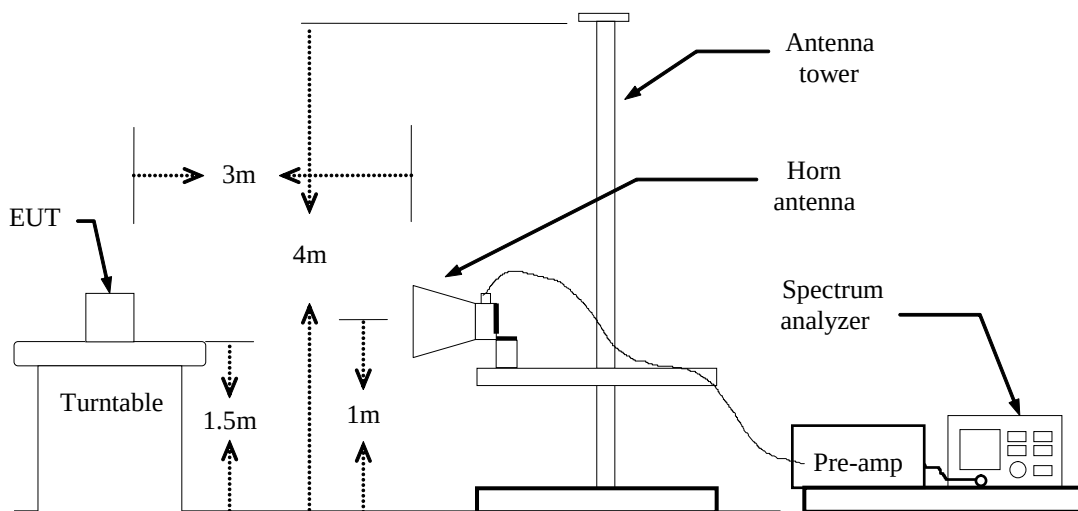
Limit Line: -13dBm

Test Configuration

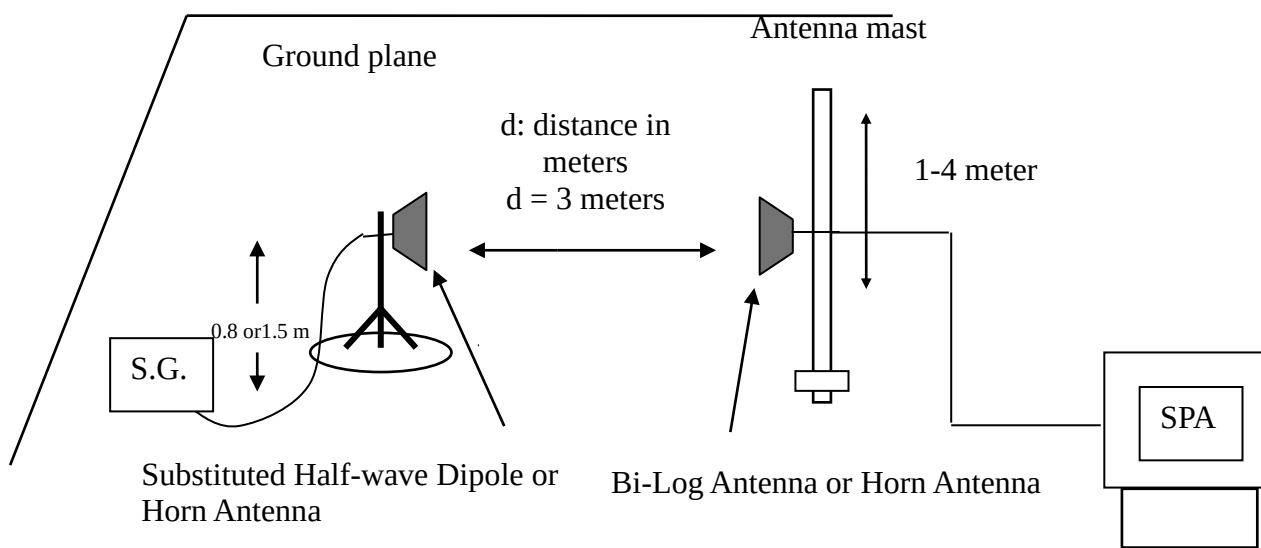
Below 1 GHz



Above 1 GHz



Substituted Method Test Set-up



TEST PROCEDURES

1. According to KDB 971168 D01 and TIA-603-E.
2. The EUT was placed on a turntable
 - (1) Below 1G : 0.8m
 - (2) Above 1G : 1.5m
 - (3) EUT set 3m from the receiving antenna
 - (4) The table was rotated 360 degrees of the highest spurious emission to determine the position.
3. Set the spectrum analyzer , RBW=1MHz, VBW=3MHz.
4. A horn antenna was driven by a signal generator.
5. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.

Test Results

LTE Band 71 / BW: 20MHz / QPSK / RB =1, RB Offset = 0

Operation Mode: Tx / Low CH

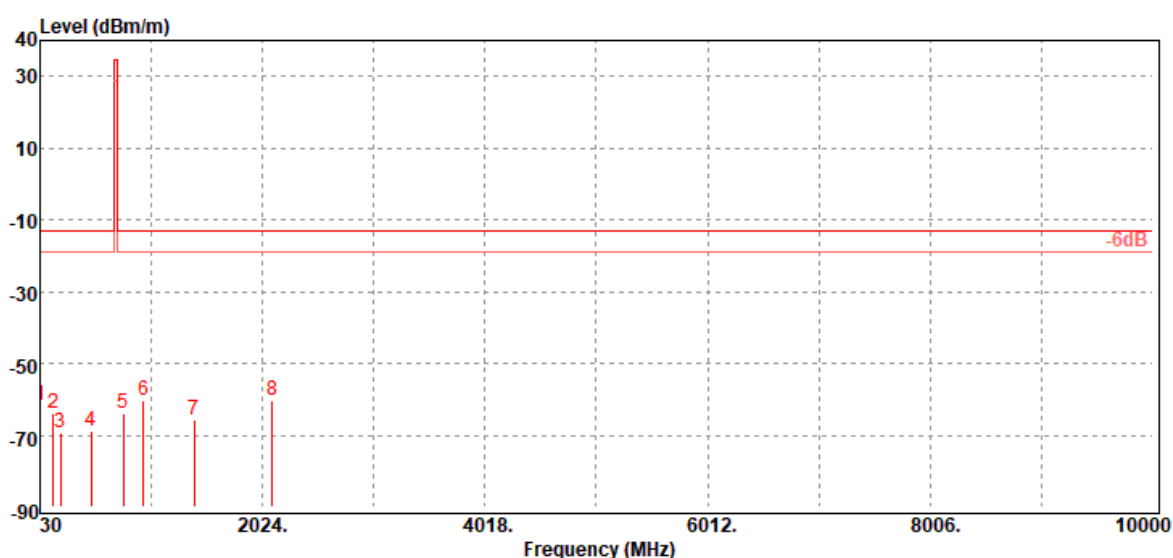
Test Date: December 29, 2020

Temperature: 20.4°C

Tested by: Ray Li

Humidity: 66% RH

Polarity: Ver.



Freq. MHz	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBd/dBi	Cable Loss dB	Limit dBm	Margin dB	Antenna Polarization (V/H)
34.85	-61.87	-36.07	-25.32	-0.48	-13.00	-48.87	V
149.31	-63.72	-55.55	-7.17	-1.00	-13.00	-50.72	V
214.30	-69.36	-66.06	-2.10	-1.20	-13.00	-56.36	V
488.81	-68.75	-64.69	-2.22	-1.84	-13.00	-55.75	V
778.84	-63.90	-60.08	-1.48	-2.34	-13.00	-50.90	V
953.44	-60.27	-56.45	-1.20	-2.62	-13.00	-47.27	V
1408.00	-65.53	-70.33	8.05	-3.25	-13.00	-52.53	V
2112.00	-60.31	-65.90	9.70	-4.11	-13.00	-47.31	V

Operation Mode: Tx / Low CH

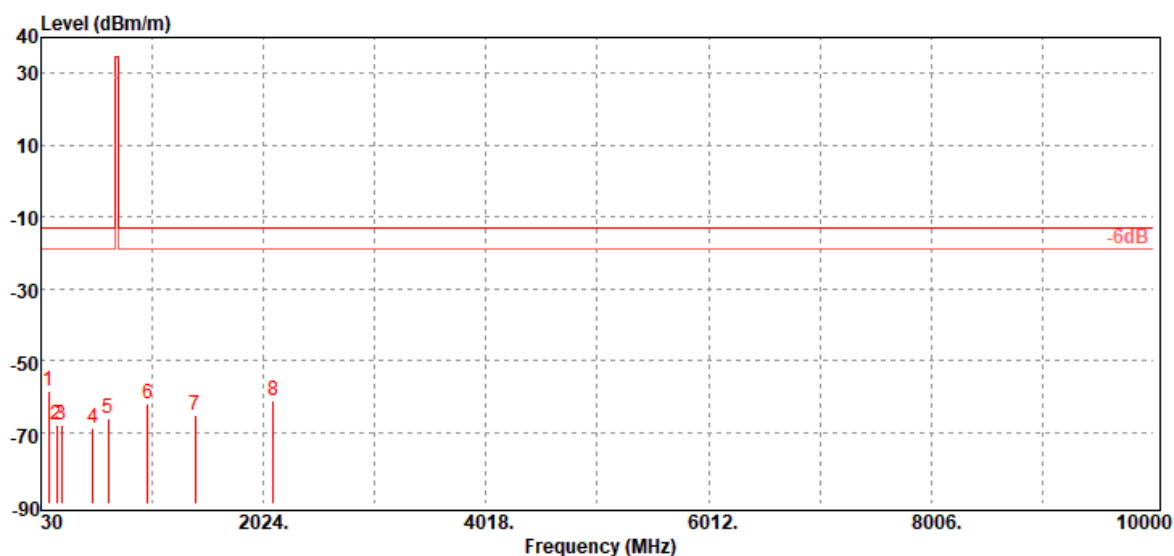
Test Date: December 29, 2020

Temperature: 20.4°C

Tested by: Ray Li

Humidity: 66% RH

Polarity: Hor.



Freq. MHz	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBd/dBi	Cable Loss dB	Limit dBm	Margin dB	Antenna Polarization (V/H)
100.81	-58.71	-49.43	-8.46	-0.82	-13.00	-45.71	H
173.56	-67.96	-61.89	-4.99	-1.08	-13.00	-54.96	H
214.30	-67.87	-64.57	-2.10	-1.20	-13.00	-54.87	H
495.60	-68.71	-64.85	-2.00	-1.86	-13.00	-55.71	H
634.31	-66.06	-62.27	-1.67	-2.12	-13.00	-53.06	H
987.39	-62.07	-58.01	-1.40	-2.66	-13.00	-49.07	H
1408.00	-65.43	-70.23	8.05	-3.25	-13.00	-52.43	H
2112.00	-61.30	-66.89	9.70	-4.11	-13.00	-48.30	H

Operation Mode: Tx / Mid CH

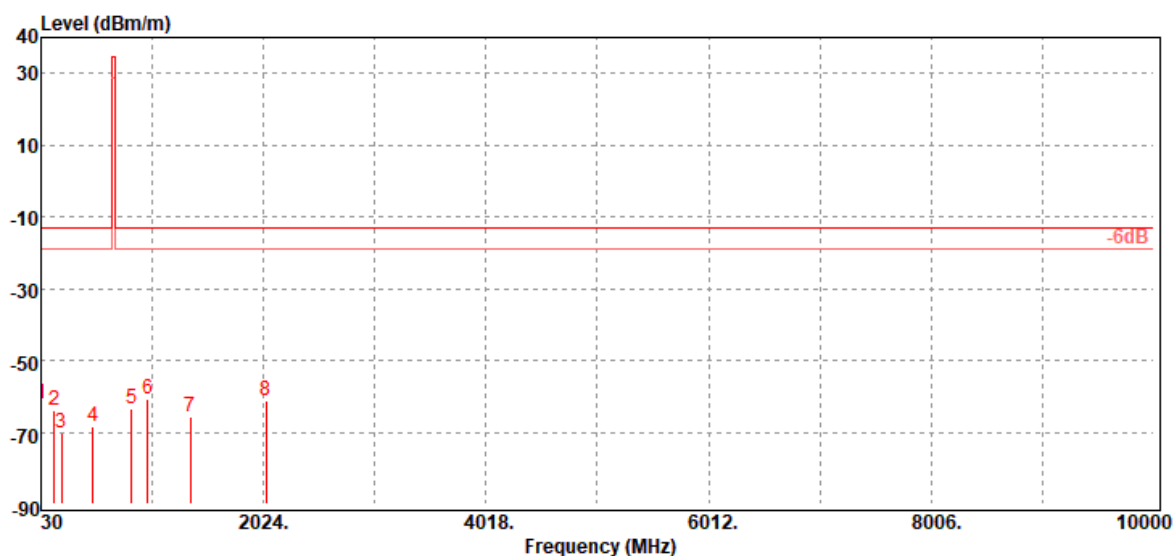
Test Date: December 29, 2020

Temperature: 20.4°C

Tested by: Ray Li

Humidity: 66% RH

Polarity: Ver.



Freq. MHz	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBd/dBi	Cable Loss dB	Limit dBm	Margin dB	Antenna Polarization (V/H)
32.91	-61.91	-34.25	-27.19	-0.47	-13.00	-48.91	V
149.31	-64.00	-55.83	-7.17	-1.00	-13.00	-51.00	V
211.39	-70.01	-66.72	-2.10	-1.19	-13.00	-57.01	V
493.66	-68.53	-64.63	-2.05	-1.85	-13.00	-55.53	V
838.01	-63.44	-59.56	-1.44	-2.44	-13.00	-50.44	V
987.39	-60.63	-56.57	-1.40	-2.66	-13.00	-47.63	V
1366.00	-65.91	-70.52	7.80	-3.19	-13.00	-52.91	V
2049.00	-61.06	-67.13	10.11	-4.04	-13.00	-48.06	V

Operation Mode: Tx / Mid CH

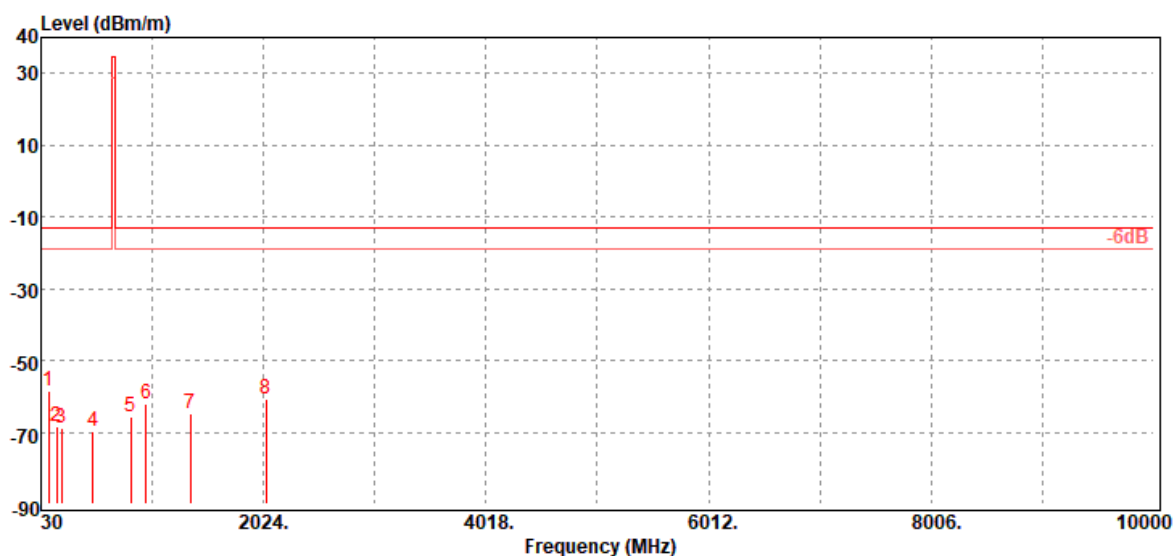
Test Date: December 29, 2020

Temperature: 20.4°C

Tested by: Ray Li

Humidity: 66% RH

Polarity: Hor.



Freq. MHz	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBd/dBi	Cable Loss dB	Limit dBm	Margin dB	Antenna Polarization (V/H)
100.81	-58.46	-49.18	-8.46	-0.82	-13.00	-45.46	H
172.59	-68.19	-61.97	-5.14	-1.08	-13.00	-55.19	H
214.30	-68.71	-65.41	-2.10	-1.20	-13.00	-55.71	H
498.51	-69.85	-65.98	-2.00	-1.87	-13.00	-56.85	H
833.16	-65.69	-61.76	-1.50	-2.43	-13.00	-52.69	H
968.96	-62.08	-58.14	-1.30	-2.64	-13.00	-49.08	H
1366.00	-64.73	-69.34	7.80	-3.19	-13.00	-51.73	H
2049.00	-60.91	-66.98	10.11	-4.04	-13.00	-47.91	H

Operation Mode: Tx / High CH

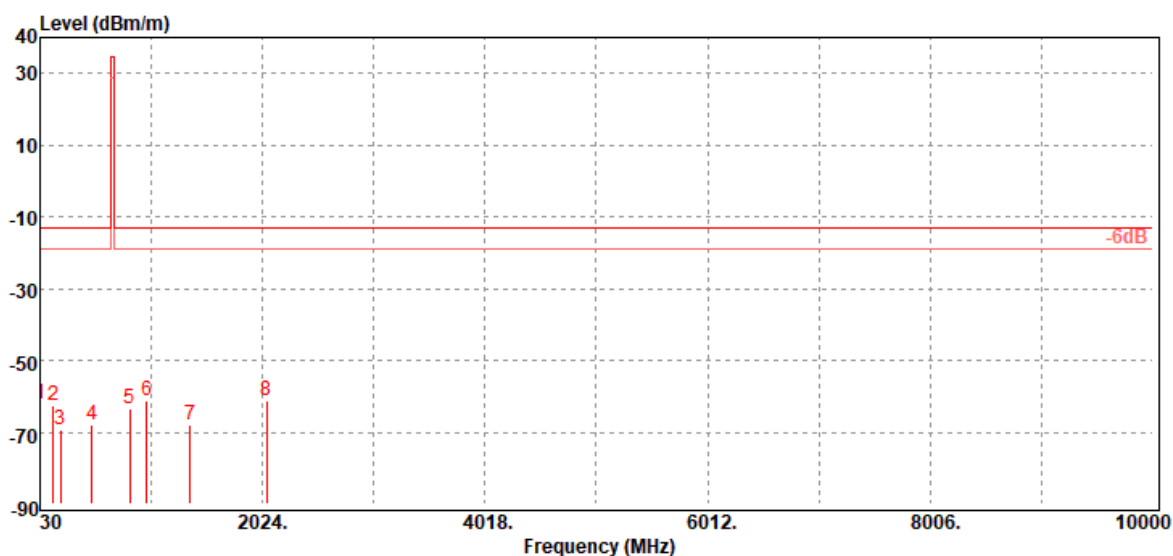
Test Date: December 29, 2020

Temperature: 20.4°C

Tested by: Ray Li

Humidity: 66% RH

Polarity: Ver.



Freq. MHz	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBd/dBi	Cable Loss dB	Limit dBm	Margin dB	Antenna Polarization (V/H)
34.85	-62.02	-36.22	-25.32	-0.48	-13.00	-49.02	V
149.31	-62.51	-54.34	-7.17	-1.00	-13.00	-49.51	V
212.36	-69.41	-66.11	-2.10	-1.20	-13.00	-56.41	V
497.54	-68.06	-64.20	-2.00	-1.86	-13.00	-55.06	V
835.10	-63.63	-59.70	-1.50	-2.43	-13.00	-50.63	V
988.36	-61.29	-57.23	-1.40	-2.66	-13.00	-48.29	V
1376.00	-68.10	-72.76	7.86	-3.20	-13.00	-55.10	V
2064.00	-61.13	-67.10	10.02	-4.05	-13.00	-48.13	V

Operation Mode: Tx / High CH

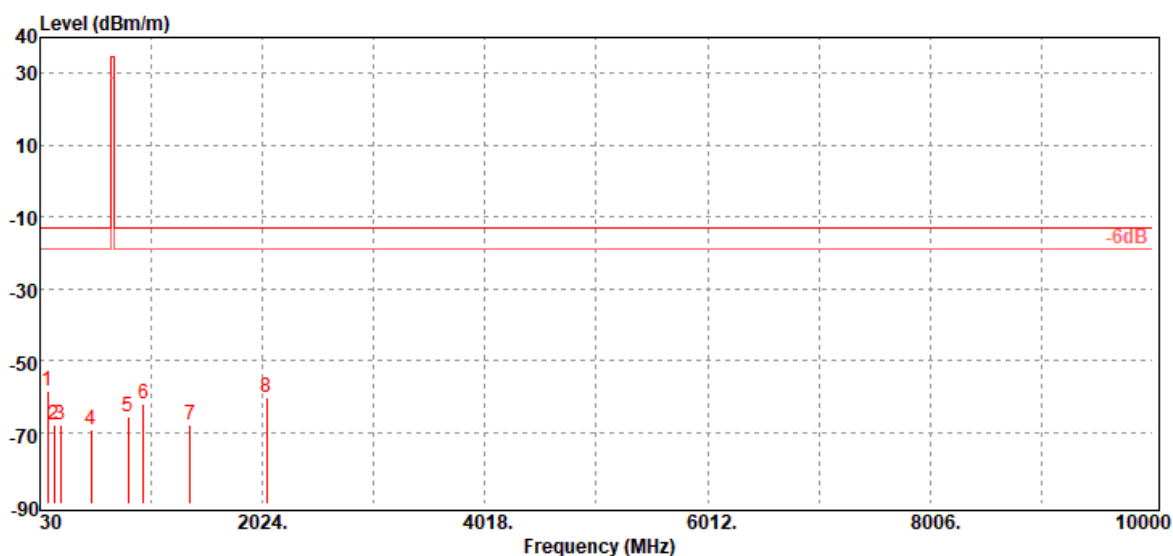
Test Date: December 29, 2020

Temperature: 20.4°C

Tested by: Ray Li

Humidity: 66% RH

Polarity: Hor.



Freq. MHz	ERP/EIRP dBm	SG Output Level dBm	Antenna Gain dBd/dBi	Cable Loss dB	Limit dBm	Margin dB	Antenna Polarization (V/H)
100.81	-58.65	-49.37	-8.46	-0.82	-13.00	-45.65	H
154.16	-68.05	-60.25	-6.78	-1.02	-13.00	-55.05	H
212.36	-67.87	-64.57	-2.10	-1.20	-13.00	-54.87	H
487.84	-69.25	-65.17	-2.24	-1.84	-13.00	-56.25	H
823.46	-65.79	-61.85	-1.53	-2.41	-13.00	-52.79	H
954.41	-62.19	-58.37	-1.20	-2.62	-13.00	-49.19	H
1376.00	-68.04	-72.70	7.86	-3.20	-13.00	-55.04	H
2064.00	-60.25	-66.22	10.02	-4.05	-13.00	-47.25	H

- End of Test Report -