

FCC REPORT

Applicant: Baicells Technologies Co., Ltd.

Address of Applicant: 9-10F, 1st Bldg., No. 81 Beiqing Road, Haidian District, Beijing, China

Equipment Under Test (EUT)

Product Name: LTE Base Station

Model No.: pBS31010

Trade mark: Baicells

FCC ID: 2AG32PBS31010

Applicable standards: FCC CFR Title 47 Part 2
FCC CFR Title 47 Part 96

Date of sample receipt: 18 Sep., 2020

Date of Test: 18 Sep., 2020 to 01 Apr., 2021

Date of report issued: 15 Apr., 2021

Test Result: PASS*

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Bruce Zhang
Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

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2. Version

Version No.	Date	Description
00	01 Apr., 2021	Original
01	14 Apr., 2021	Update sections 5.2 and 5.6
02	15 Apr., 2021	Update sections 5.9

Tested by:

Carey Chen

Test Engineer

Date:

15 Apr., 2021

Reviewed by:

Winner Zhang

Project Engineer

Date:

15 Apr., 2021

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4. Test Summary

Test Item	Section in CFR 47	Result
	FCC	
Effective Isotropic Radiated Power (EIRP) Power Spectral Density (PSD)	Part 2.1046 Part 96.41(b)	Pass
Peak-to-average power ratio (PAPR)	Part 96.41(g)	Pass
Modulation Characteristics	Part 2.1047 Part 96.41(a)	Pass
99% Occupied Bandwidth -26 dB Occupied Bandwidth	Part 2.1049 Part 96.41(e)(3)	Pass
Spurious Emissions at Antenna Terminal	Part 2.1051 Part 96.41(e)(1)(2)	Pass
Field Strength of Spurious Radiation	Part 2.1053 Part 96.41(e)(1)(2)	Pass
Frequency stability vs. temperature	Part 2.1055(a)(b)	Pass
Frequency stability vs. voltage	Part 2.1055(d)	Pass
<p>Test Method:</p> <ul style="list-style-type: none"> ● ANSI C63.26-2015 ● ANSI/TIA-603-E-2016 ● ANSI C63.4-2014 ● KDB 971168 D01 Power Meas License Digital Systems v03r01 ● KDB 940660 D01 Part 96 CBRS Eqpt v02 <p>Note:</p> <ul style="list-style-type: none"> ● The duty cycle correction=$10 \log(10/6.84) = 1.65(\text{dB})$ ● Offset Ext Gain = ATT loss + Cable loss + Duty cycle correction=$6+2+1.65=9.65(\text{dB})$ <p><i>Pass: The EUT complies with the essential requirements in the standard.</i></p>		

5. General Information

5.1 Client Information

Applicant:	Baicells Technologies Co., Ltd.
Address:	9-10F, 1stBldg., No.81BeiqingRoad, Haidian District, Beijing, China
Manufacturer	Baicells Technologies Co., Ltd.
Address:	9-10F, 1stBldg., No.81BeiqingRoad, Haidian District, Beijing, China

5.2 General Description of E.U.T.

Product Name:	LTE Base Station
Model No.:	pBS31010
Operation Frequency range:	Band48: 3550MHz~3700MHz
Modulation type:	QPSK, 16QAM, 64QAM
Antenna type:	External antenna ("N" type)
Antenna gain:	LTE Band 48: 3.0dBi
Category device:	Category A device
AC adapter:	Model No: S24B72-120A200-0K Input : 100-240VAC, 50/60Hz, 0.6A MAX Output:12vdc, 2A
Test Sample Condition:	The test samples were provided in good working order with no visible defects.

Test Channel:

10MHz		20MHz	
Channel:	Frequency (MHz)	Channel:	Frequency (MHz)
Lowest	3555.0	Lowest	3560.0
Middle	3625.0	Middle	3625.0
Highest	3695.0	Highest	3690.0

5.3 Test modes and test samples plans

Test mode:	
Data mode (QPSK)	Keep the EUT in data communicating mode (QPSK). (10MHz, 20MHz)
Data mode (64QAM)	Keep the EUT in data communicating mode (64QAM). (10MHz, 20MHz)

5.4 Measurement Uncertainty

Parameters	Expanded Uncertainty
Radiated Emission (30MHz ~ 1000MHz)	±4.45 dB (k=2)
Radiated Emission (1GHz ~ 18GHz)	±4.25 dB (k=2)
Radiated Emission (18GHz ~ 40GHz)	±3.38 dB (k=2)

5.5 Description of Support Units

Manufacturer	Description	Model	Serial Number	FCC ID/DoC
LENOVO	Laptop	SL510	2847A65	DoC

5.6 Related Submittal(s) / Grant (s)

FCC: This submittal(s) (test report) is filing to comply with Section Part 96 of the FCC CFR 47 Rules.
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5.7 Description of Cable Used

N/A

5.8 Laboratory Facility

<p>The test facility is recognized, certified, or accredited by the following organizations:</p> <ul style="list-style-type: none"> ● FCC - Designation No.: CN1211 JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 727551. ● ISED – CAB identifier.: CN0021 The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1. ● A2LA - Registration No.: 4346.01 This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf
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5.9 Laboratory Location

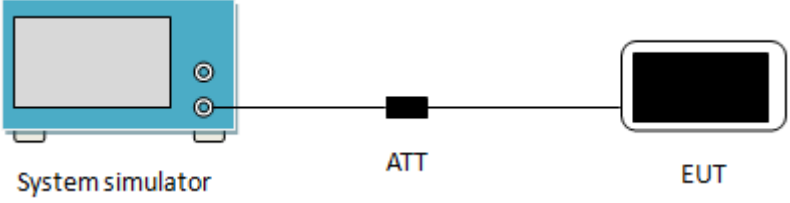
<p>JianYan Testing Group Shenzhen Co., Ltd. Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xinqiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China. Tel: +86-755-23118282, Fax: +86-755-23116366 Email: info@ccis-cb.com, Website: http://www.ccis-cb.com</p>

5.10 Test Instruments list

Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)
3m SAC	SAEMC	9m*6m*6m	966	07-22-2019	07-21-2021
3m SAC	ETS	9m*6m*6m	966	01-19-2021	01-18-2024
BiConiLog Antenna	SCHWARZBECK	VULB9163	497	03-18-2020	03-17-2021
				03-07-2021	03-06-2022
Biconical Antenna	SCHWARZBECK	VUBA9117	359	06-22-2020	06-21-2021
Horn Antenna	SCHWARZBECK	BBHA9120D	916	03-07-2020	03-06-2021
				03-07-2021	03-06-2022
Horn Antenna	SCHWARZBECK	BBHA9120D	1805	06-22-2020	06-21-2021
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170582	11-18-2019	11-17-2020
				11-17-2020	11-16-2021
EMI Test Software	AUDIX	E3	Version: 6.110919b		
Pre-amplifier	HP	8447D	2944A09358	03-07-2020	03-06-2021
				03-07-2021	03-06-2022
Pre-amplifier	CD	PAP-1G18	11804	03-07-2020	03-06-2021
				03-07-2021	03-06-2022
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-05-2020	03-04-2021
				03-03-2021	03-02-2022
Spectrum analyzer	Keysight	N9010B	MY60240202	11-30-2019	11-29-2020
				11-27-2020	11-26-2021
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-05-2020	03-04-2021
				03-03-2021	03-02-2022
Spectrum Analyzer	Agilent	N9020A	MY50510123	11-18-2019	11-17-2020
				11-16-2020	11-15-2021
Signal Generator	Rohde & Schwarz	SMX	835454/016	03-05-2020	03-04-2021
				03-03-2021	03-02-2022
Signal Generator	R&S	SMR20	1008100050	03-05-2020	03-04-2021
				03-03-2021	03-02-2022
Signal Generator	MWRFTTEST	MW200	N/A	N/A	N/A
Cable	ZDECL	Z108-NJ-NJ-81	1608458	03-07-2020	03-06-2021
				03-03-2021	03-02-2022
Cable	MICRO-COAX	MFR64639	K10742-5	03-07-2020	03-06-2021
				03-03-2021	03-02-2022
Cable	SUHNER	SUCOFLEX100	58193/4PE	03-07-2020	03-06-2021
				03-03-2021	03-02-2022
DC Power Supply	Keysight	E3642A	MY60296194	11-30-2019	11-29-2020
				11-27-2020	11-26-2021
Temperature Humidity Chamber	HengPu	HPGDS-500	20140828008	09-23-2020	09-22-2021

6. Test results

6.1 Effective Isotropic Radiated (EIRP) and Power Spectral Density (PSD)

Test Requirement:	FCC part 96.41(b), FCC part2.1046												
Limit:	<table border="1"> <thead> <tr> <th>Device</th> <th>Maximum EIRP (dBm/10 megahertz)</th> <th>Maximum PSD (dBm/MHz)</th> </tr> </thead> <tbody> <tr> <td>End User Device</td> <td>23</td> <td>n/a</td> </tr> <tr> <td>Category A CBSD</td> <td>30</td> <td>20</td> </tr> <tr> <td>Category B CBSD¹</td> <td>47</td> <td>37</td> </tr> </tbody> </table>	Device	Maximum EIRP (dBm/10 megahertz)	Maximum PSD (dBm/MHz)	End User Device	23	n/a	Category A CBSD	30	20	Category B CBSD ¹	47	37
Device	Maximum EIRP (dBm/10 megahertz)	Maximum PSD (dBm/MHz)											
End User Device	23	n/a											
Category A CBSD	30	20											
Category B CBSD ¹	47	37											
Test setup	 <p style="text-align: center;">System simulator ATT EUT</p>												
Test Procedure:	RBW=1MHz, VBW=3MHz, Detector mode= RMS , Trace mode: Power averaging over 200 sweeps												
Test Instruments:	Refer to section 5.10 for details												
Test mode:	Refer to section 5.3 for details												
Test results:	Passed												

Measurement Data (EIRP):

Modulation	Frequency (MHz)	ANT. Port	Output Power (dBm/10MHz)	Total Power (dBm/10MHz)	Directional gain (dBi)	EIRP (dBm)	Limit (dBm)
QPSK (10MHz)	3555.00	ANT 1	23.08	26.02	3	29.02	30.00
		ANT 2	22.93				
		ANT 3	22.91	25.76		28.76	
		ANT 4	22.59				
	3625.00	ANT 1	22.95	25.91		28.91	
		ANT 2	22.84	25.51		28.51	
		ANT 3	22.45				
		ANT 4	22.55				
	3695.00	ANT 1	23.96	26.86		29.86	
		ANT 2	23.74	26.85		29.85	
		ANT 3	23.90				
		ANT 4	23.78				
64QAM (10MHz)	3555.00	ANT 1	23.07	26.03	3	29.03	30.00
		ANT 2	22.97				
		ANT 3	22.81	25.84		28.84	
		ANT 4	22.84				
	3625.00	ANT 1	22.87	25.95		28.95	
		ANT 2	23.00	25.47		28.47	
		ANT 3	22.36				
		ANT 4	22.55				
	3695.00	ANT 1	23.90	26.81		29.81	
		ANT 2	23.70	26.92		29.92	
		ANT 3	23.90				
		ANT 4	23.91				
QPSK (20MHz)	3660.00	ANT 1	20.05	22.99	3	25.99	30.00
		ANT 2	19.91				
		ANT 3	20.40	23.34		26.34	
		ANT 4	20.25				
	3625.00	ANT 1	20.24	23.28		26.28	
		ANT 2	20.29	23.04		26.04	
		ANT 3	20.07				
		ANT 4	19.98				
	3690.00	ANT 1	20.88	23.88		26.88	
		ANT 2	20.86	22.86		25.86	
		ANT 3	19.96				
		ANT 4	19.73				
64QAM (20MHz)	3660.00	ANT 1	20.04	23.12	3	26.12	30.00
		ANT 2	20.17				
		ANT 3	20.25	23.35		26.35	
		ANT 4	20.42				
	3625.00	ANT 1	20.14	23.22		26.22	
		ANT 2	20.28	23.02		26.02	
		ANT 3	20.04				
		ANT 4	19.97				
	3690.00	ANT 1	20.86	23.70		26.70	
		ANT 2	20.52	22.78		25.78	
		ANT 3	19.74				
		ANT 4	19.80				

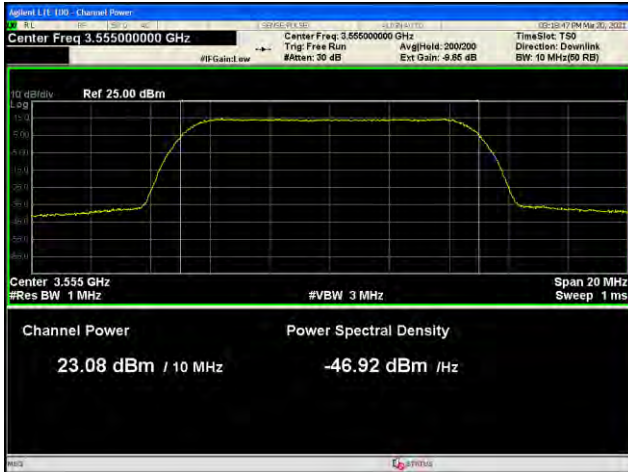
Full Transmit Output Power							
Modulation	Frequency (MHz)	ANT. Port	Output Power (dBm/20MHz)	Total Power (dBm/20MHz)	Directional gain (dBi)	EIRP (dBm)	Limit (dBm/20MHz)
QPSK (20MHz)	3660.00	ANT 1	22.23	25.17	3	28.17	/
		ANT 2	22.08				
		ANT 3	22.13	25.20			
		ANT 4	22.25				
	3625.00	ANT 1	21.88	24.87			
		ANT 2	21.84				
		ANT 3	21.89	24.79			
		ANT 4	21.66				
	3690.00	ANT 1	23.70	26.64			
		ANT 2	23.56				
		ANT 3	23.54	26.59			
		ANT 4	23.61				
64QAM (20MHz)	3660.00	ANT 1	22.04	25.15	3	28.15	
		ANT 2	22.23				
		ANT 3	21.94	25.01			
		ANT 4	22.06				
	3625.00	ANT 1	21.82	24.73			
		ANT 2	21.62				
		ANT 3	21.80	24.81			
		ANT 4	21.79				
	3690.00	ANT 1	23.55	26.55			
		ANT 2	23.53				
		ANT 3	23.46	26.56			
		ANT 4	23.64				

Test plot as below:

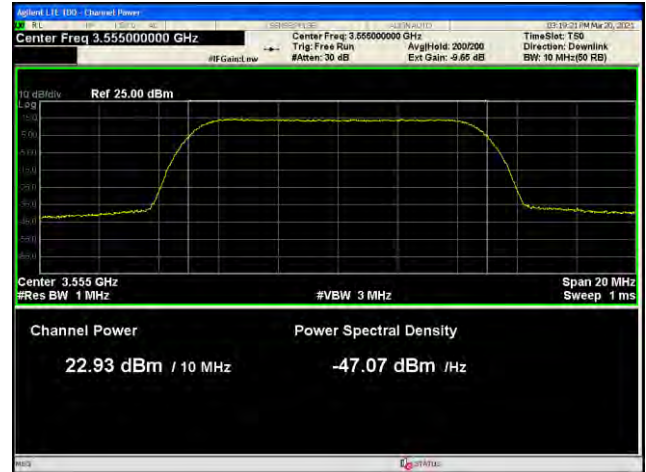
Bandwidth=10MHz – QPSK

ANT 1

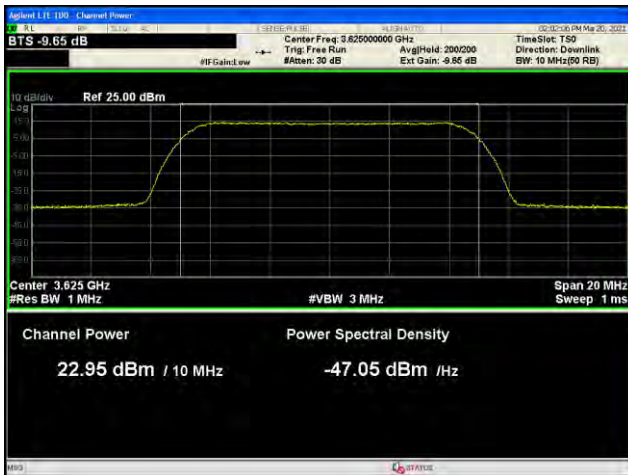
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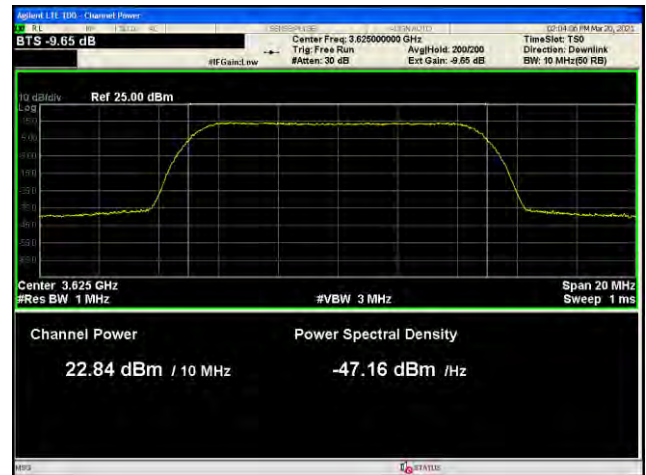
Lowest channel



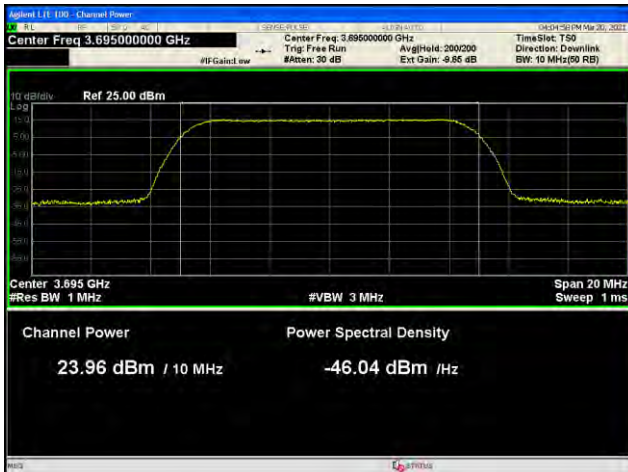
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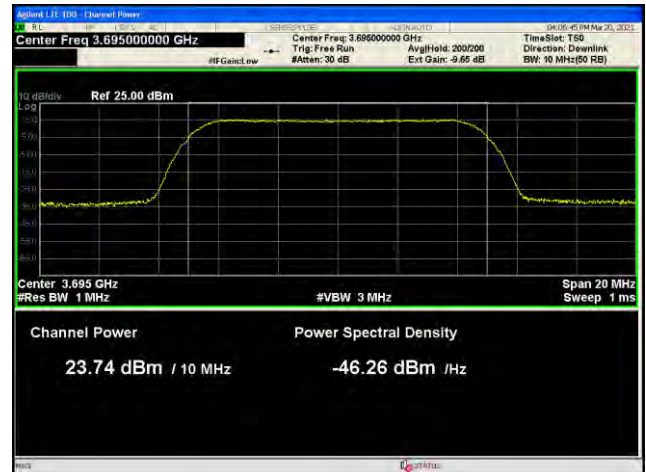
Middle channel



Middle channel



Highest channel

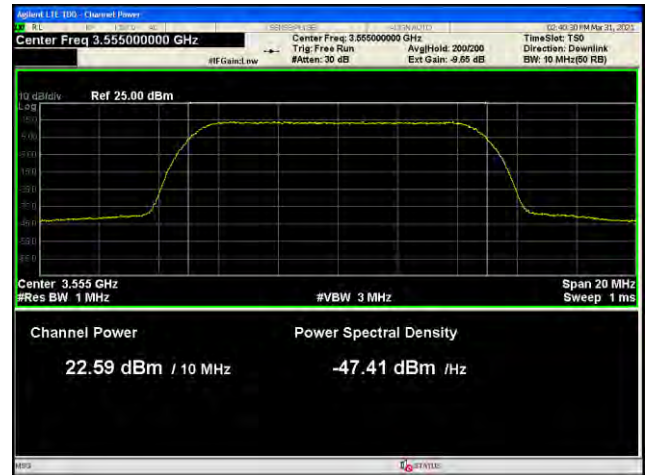
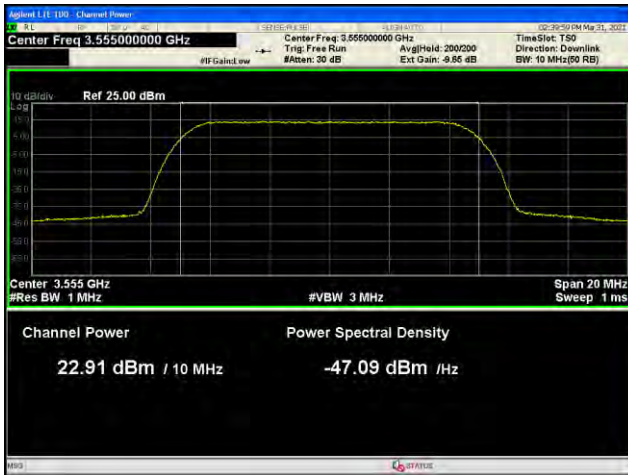


Highest channel

Bandwidth=10MHz – QPSK

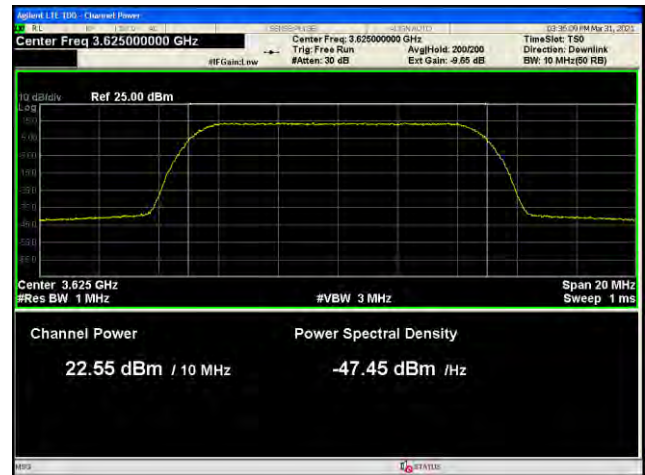
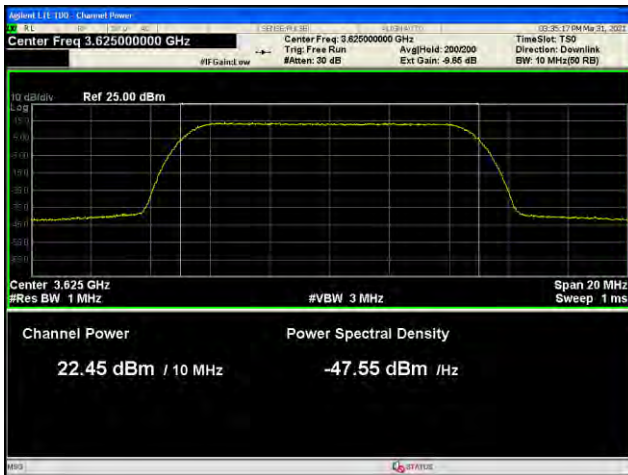
ANT 3

ANT 4



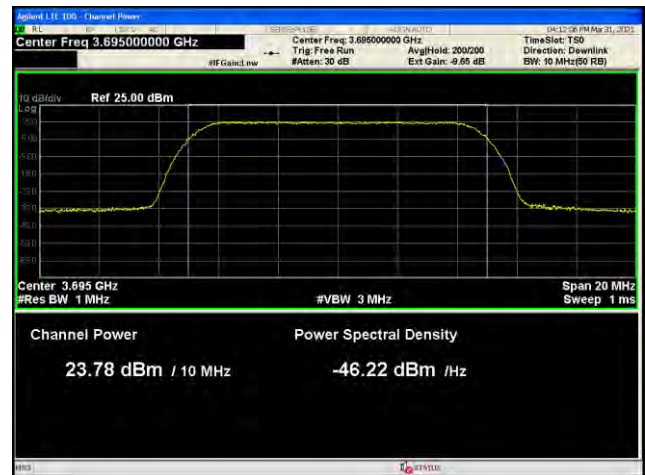
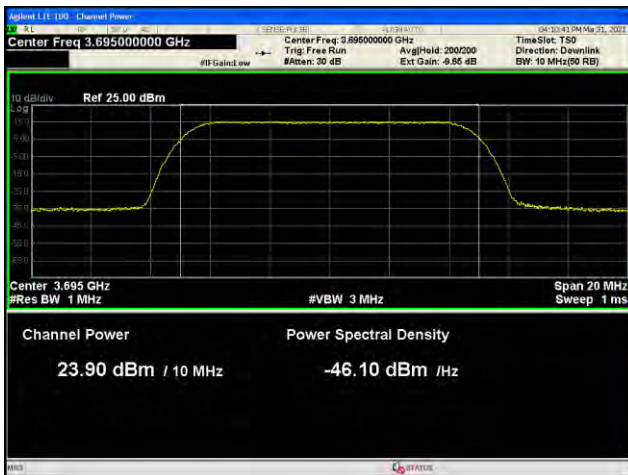
Lowest channel

Lowest channel



Middle channel

Middle channel



Highest channel

Highest channel

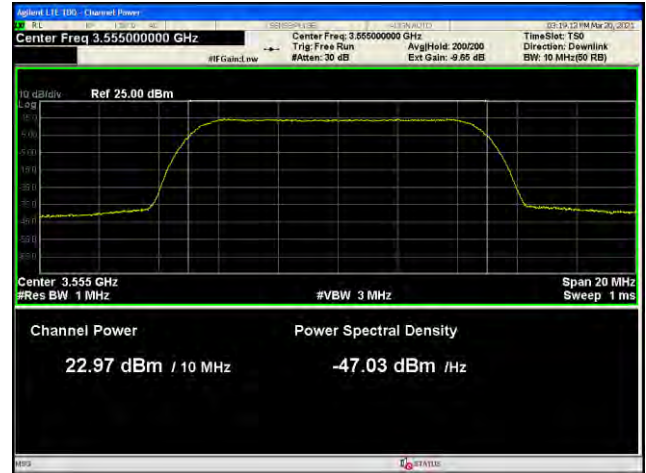
Bandwidth=10MHz – 64QAM

ANT 1

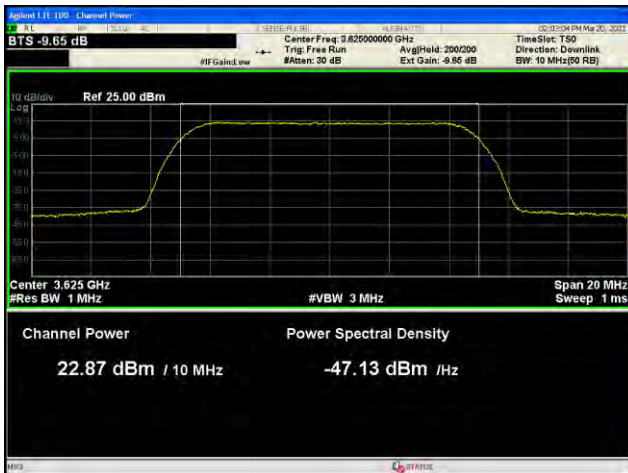
ANT 2



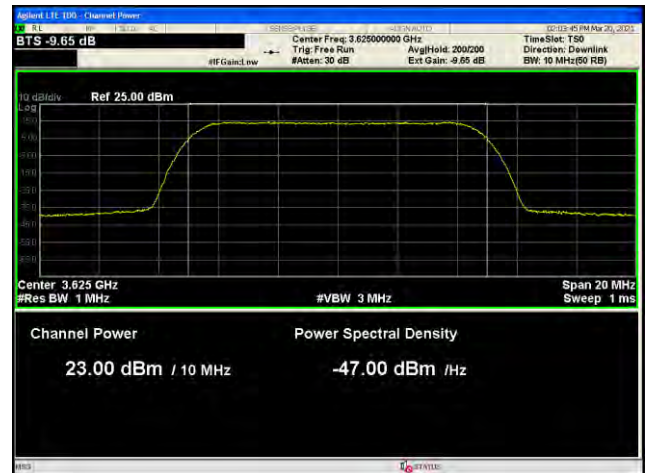
Lowest channel



Lowest channel



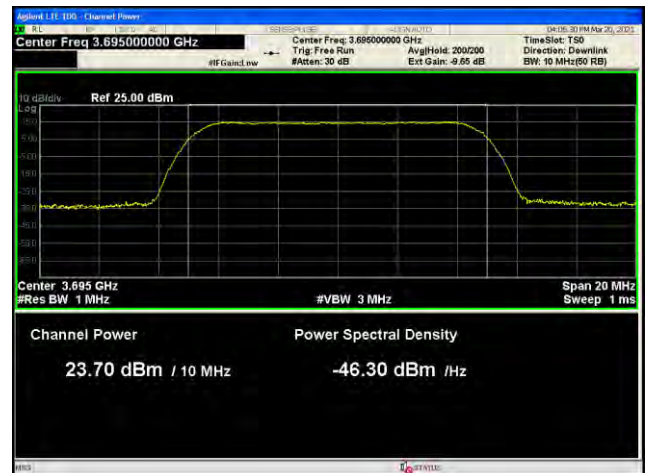
Middle channel



Middle channel



Highest channel

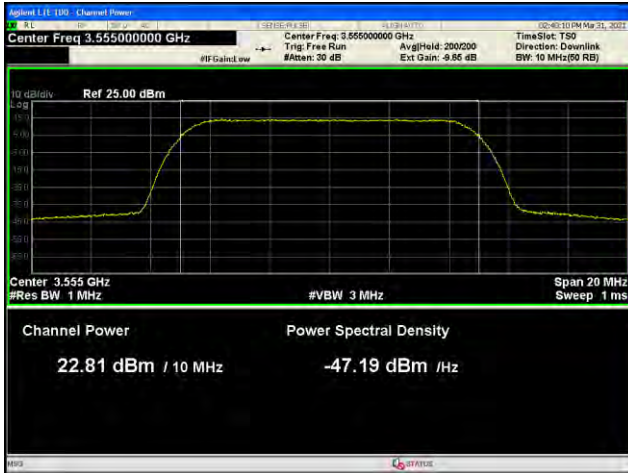


Highest channel

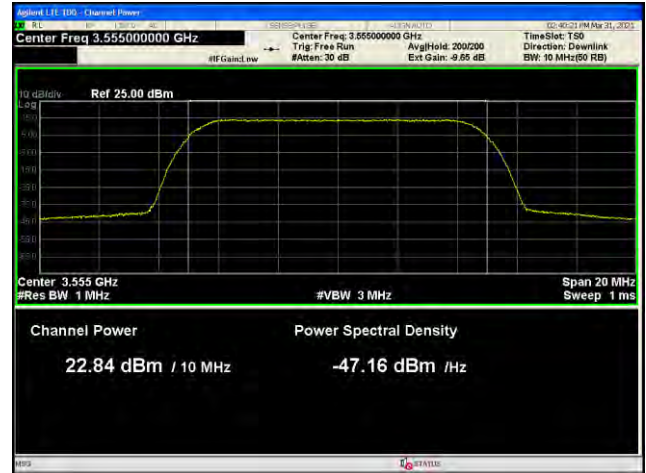
Bandwidth=10MHz – 64QAM

ANT 3

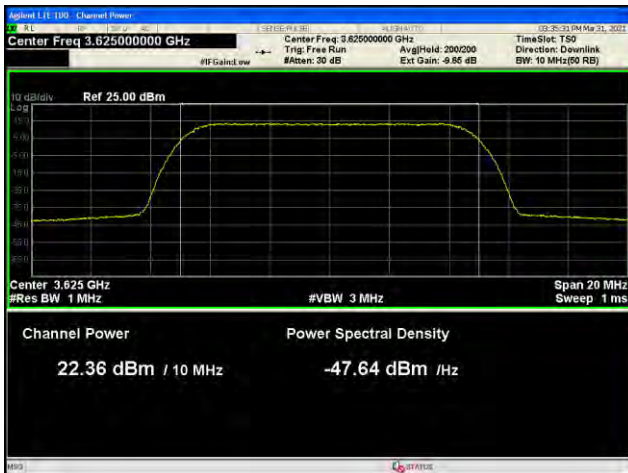
ANT 4



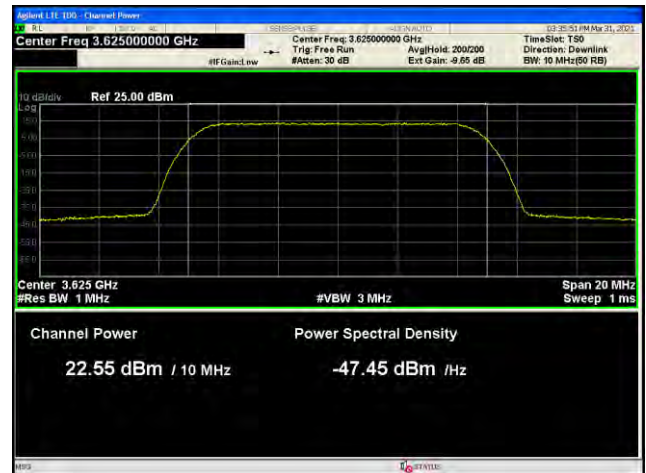
Lowest channel



Lowest channel



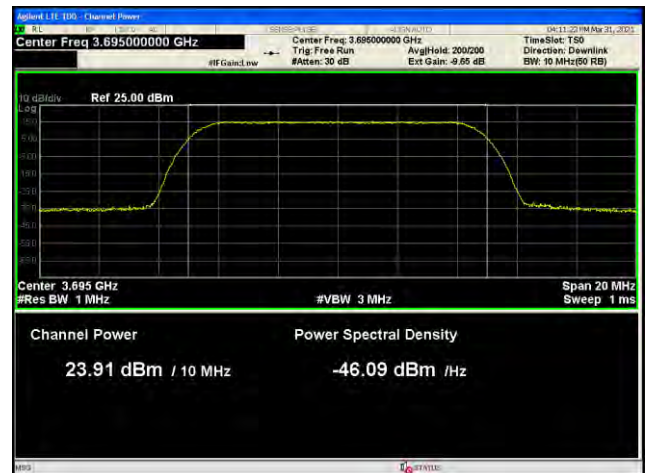
Middle channel



Middle channel



Highest channel

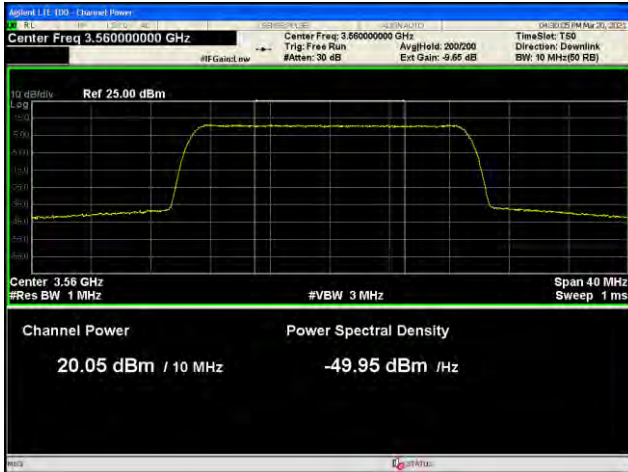


Highest channel

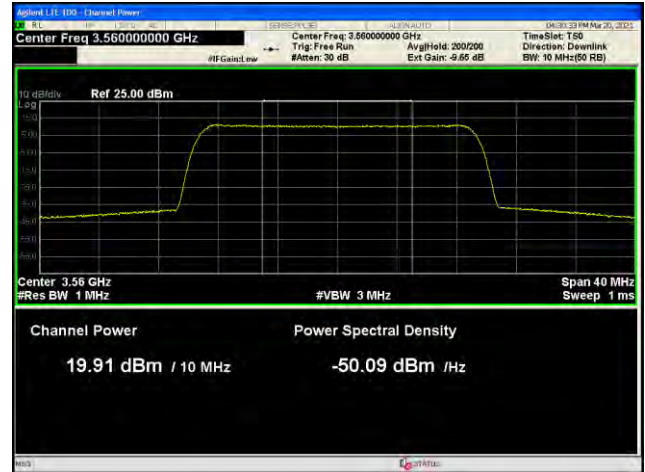
Bandwidth=20MHz – QPSK

ANT 1

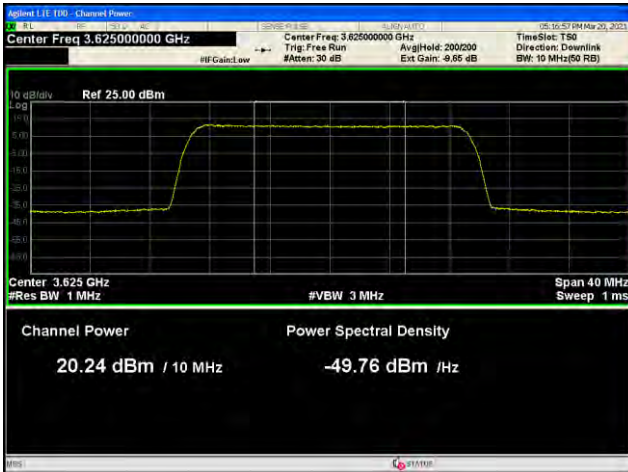
ANT 2



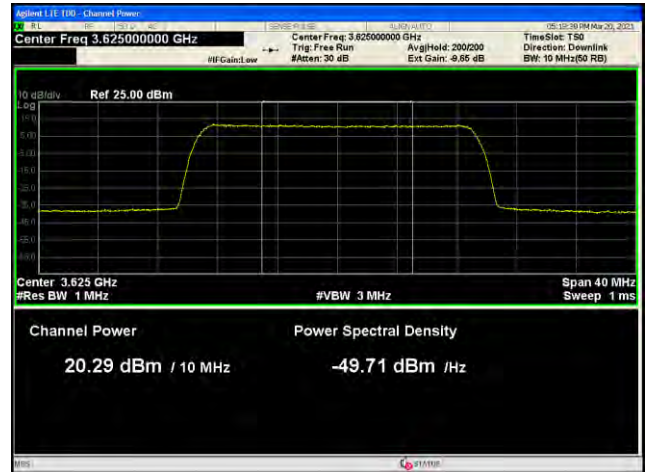
Lowest channel



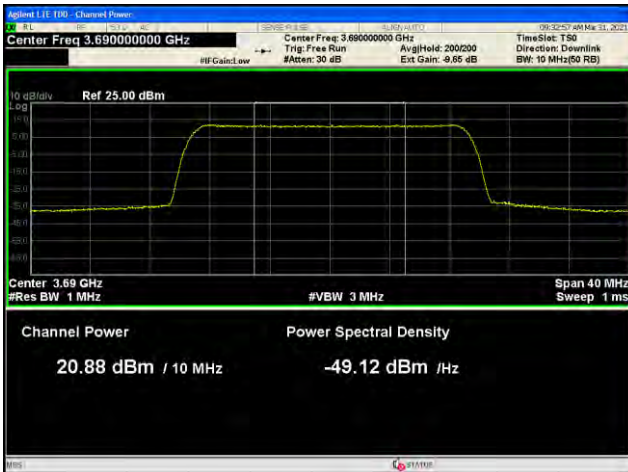
Lowest channel



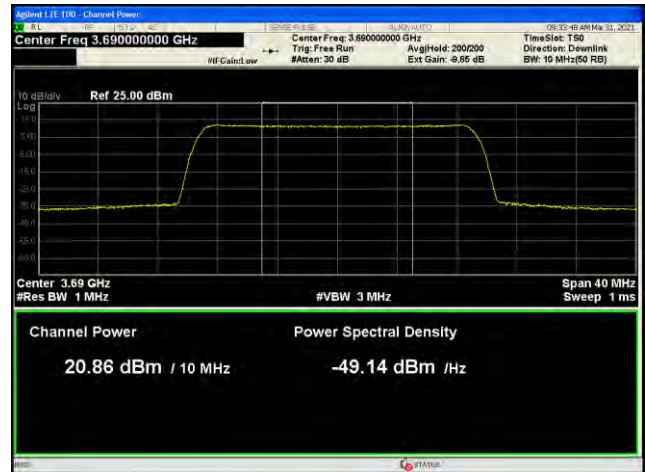
Middle channel



Middle channel



Highest channel

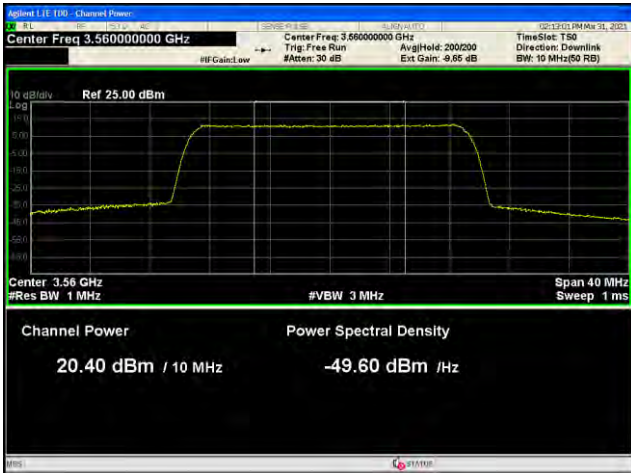


Highest channel

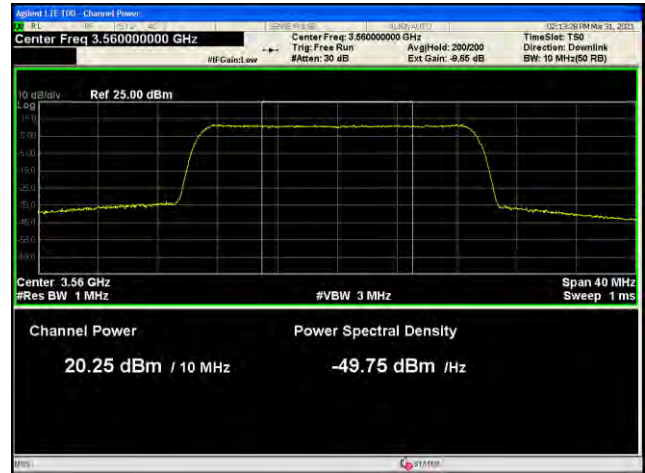
Bandwidth=20MHz – QPSK

ANT 3

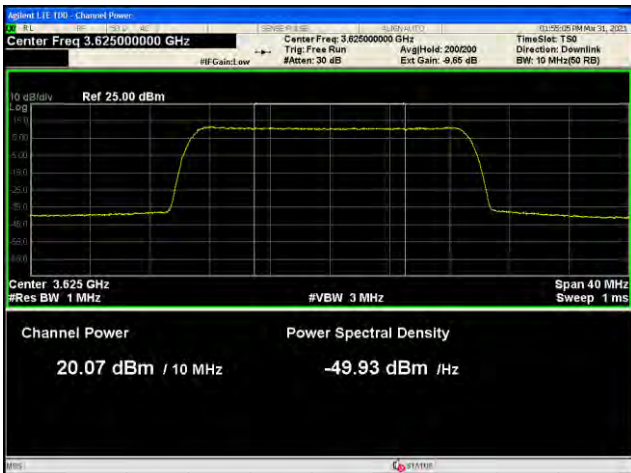
ANT 4



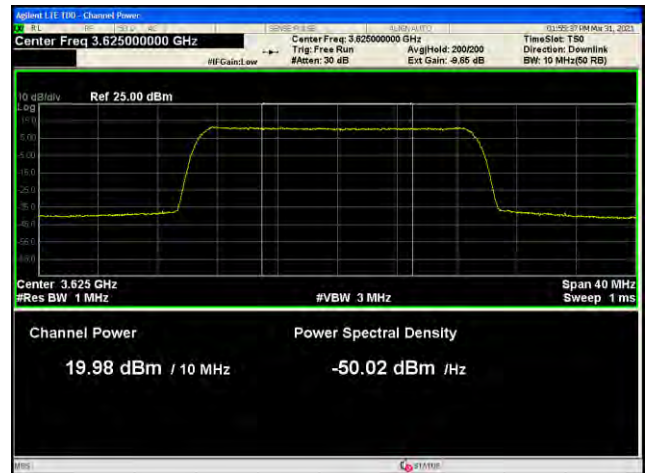
Lowest channel



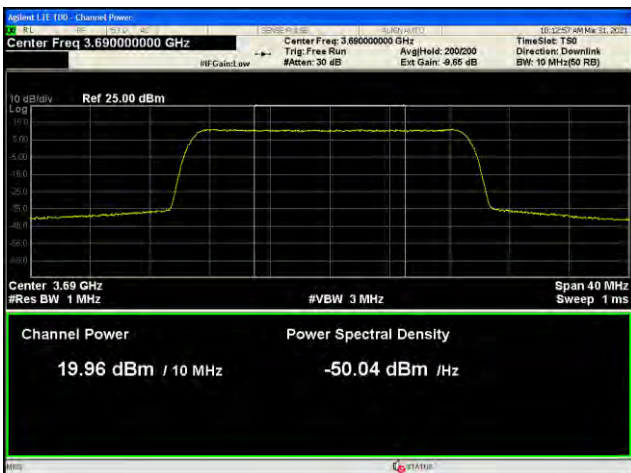
Lowest channel



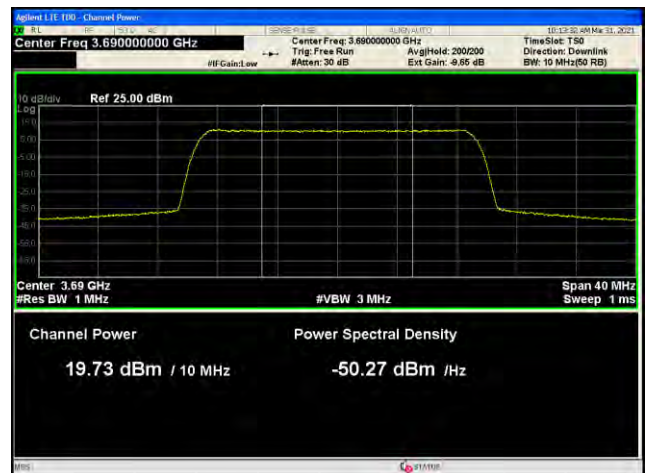
Middle channel



Middle channel



Highest channel

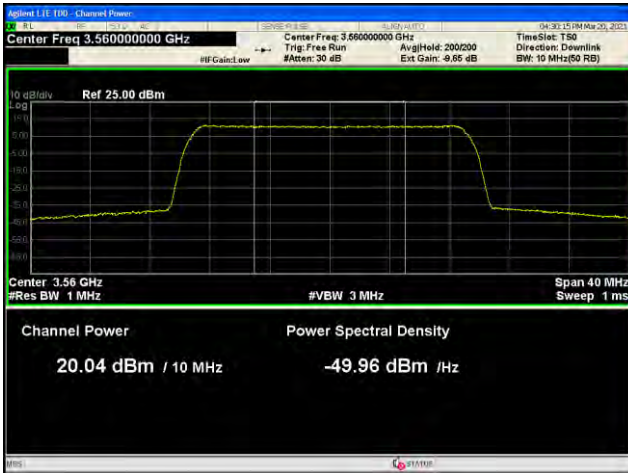


Highest channel

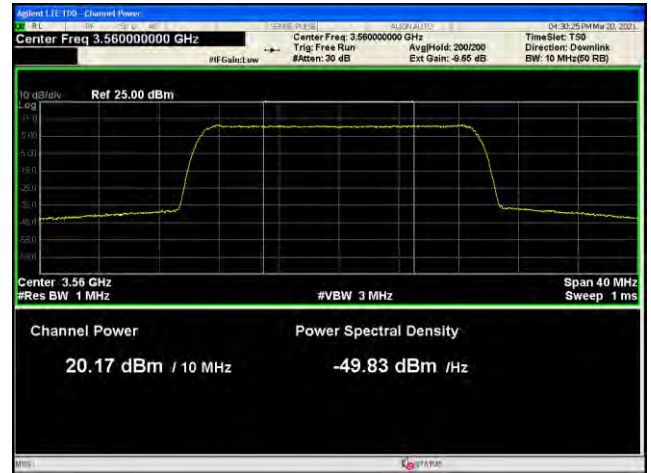
Bandwidth=20MHz – 64QAM

ANT 1

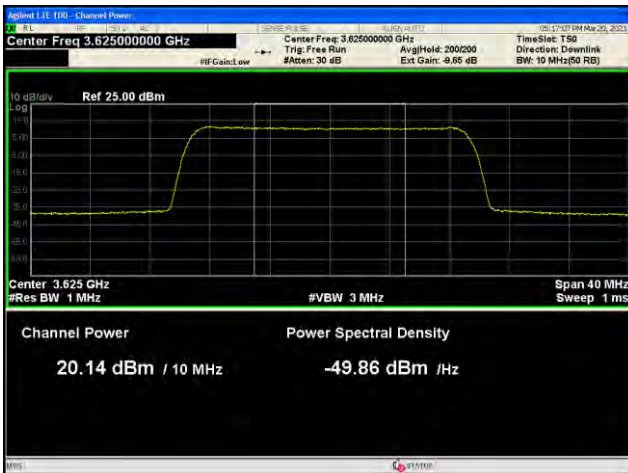
ANT 2



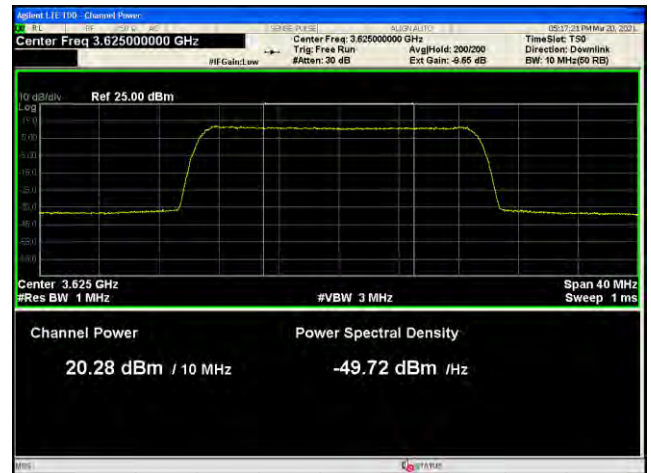
Lowest channel



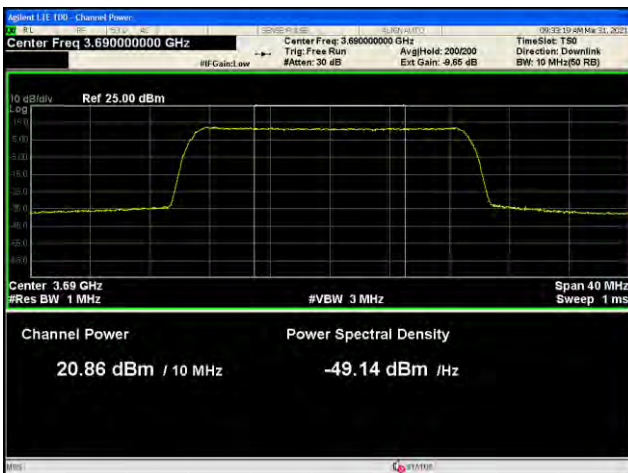
Lowest channel



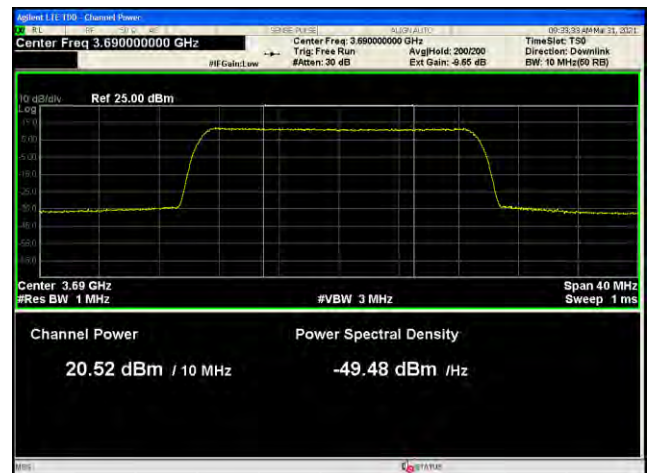
Middle channel



Middle channel



Highest channel

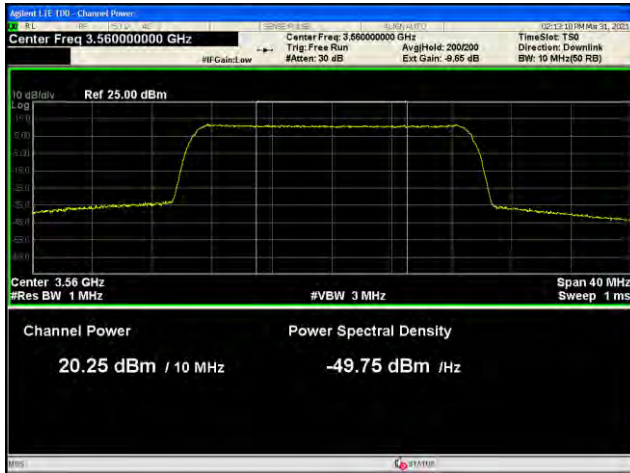


Highest channel

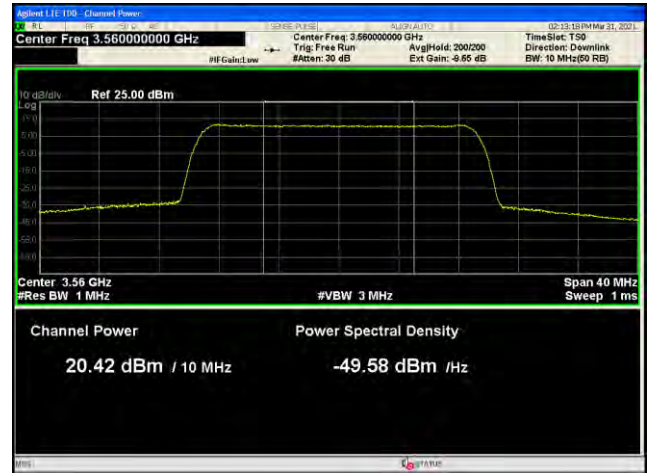
Bandwidth=20MHz – 64QAM

ANT 3

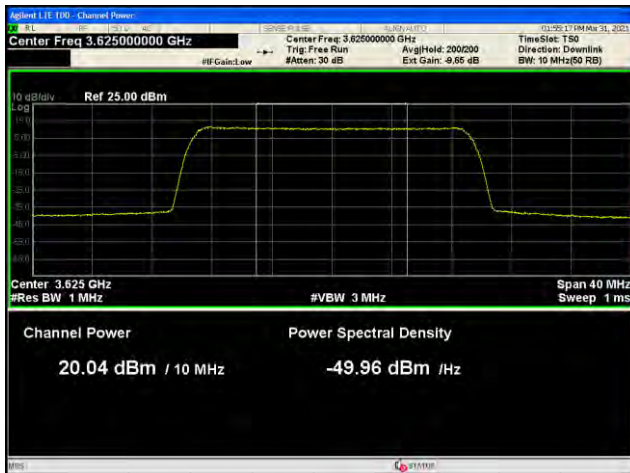
ANT 4



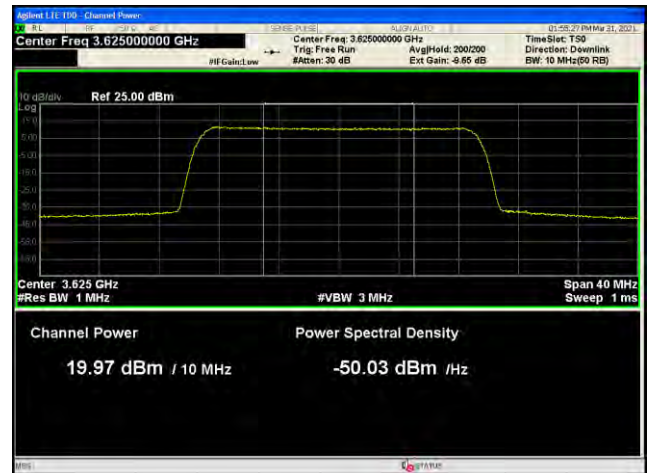
Lowest channel



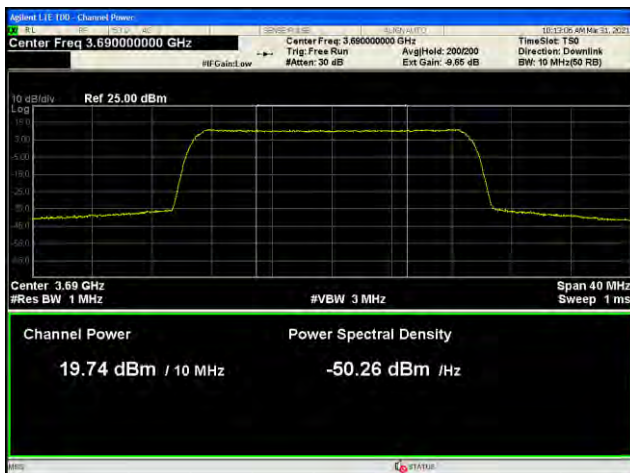
Lowest channel



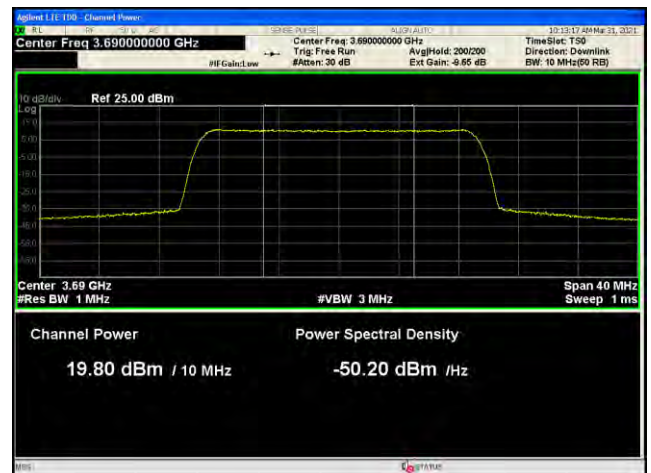
Middle channel



Middle channel



Highest channel



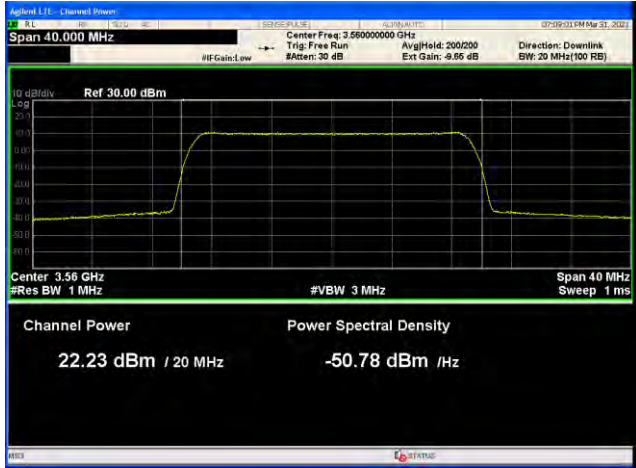
Highest channel

Full Transmit Output Power:

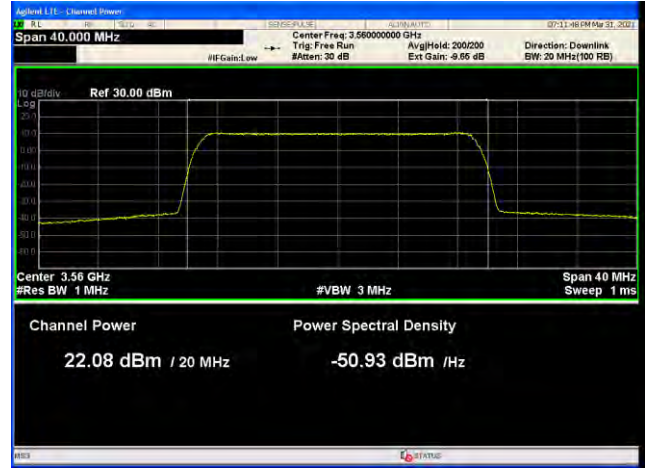
Bandwidth=20MHz – QPSK

ANT 1

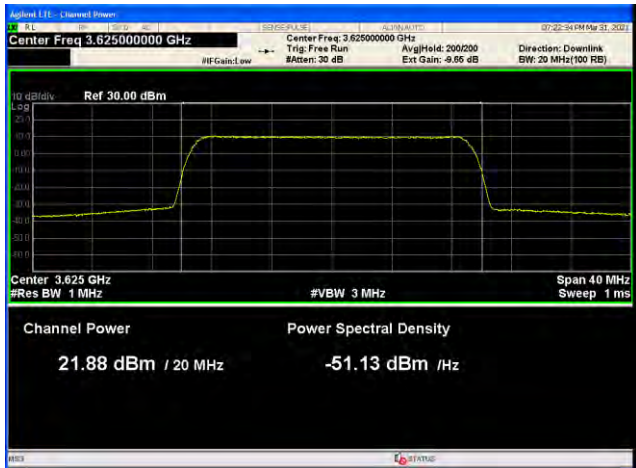
ANT 2



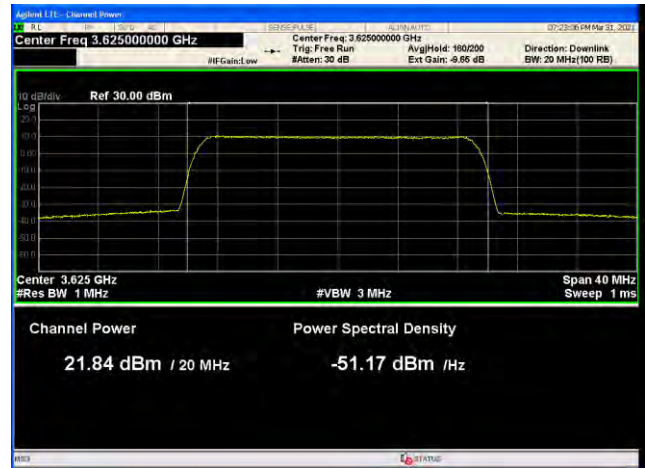
Lowest channel



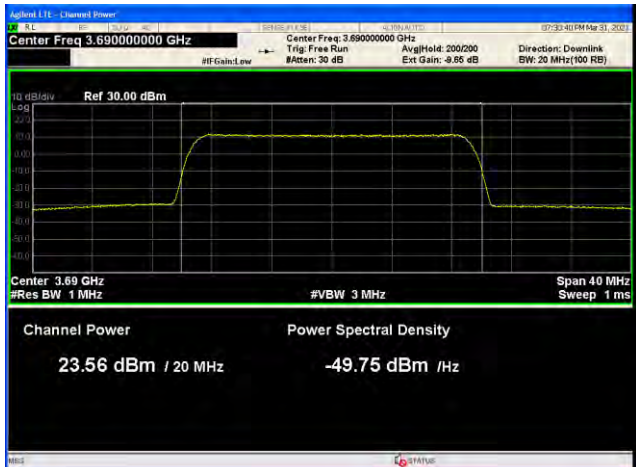
Lowest channel



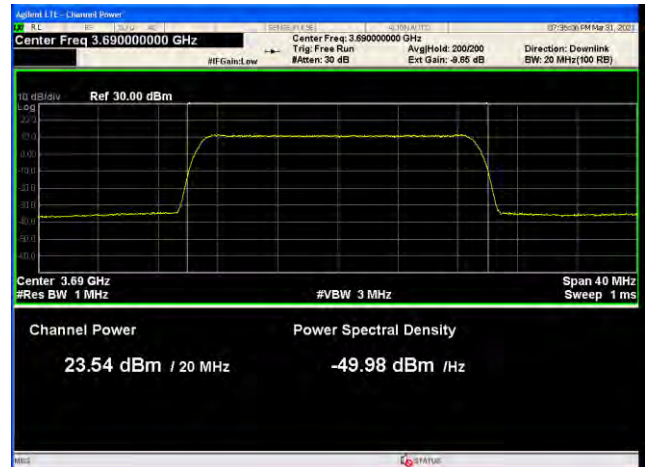
Middle channel



Middle channel



Highest channel

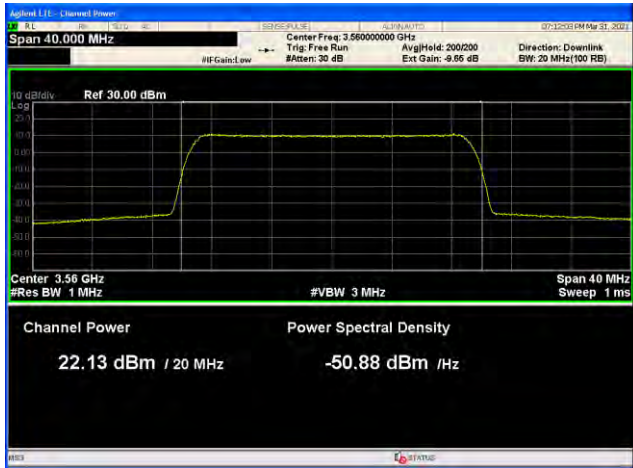


Highest channel

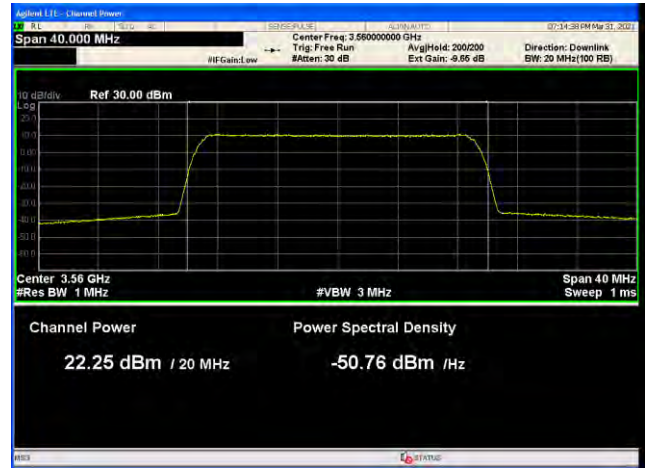
Bandwidth=20MHz – QPSK

ANT 3

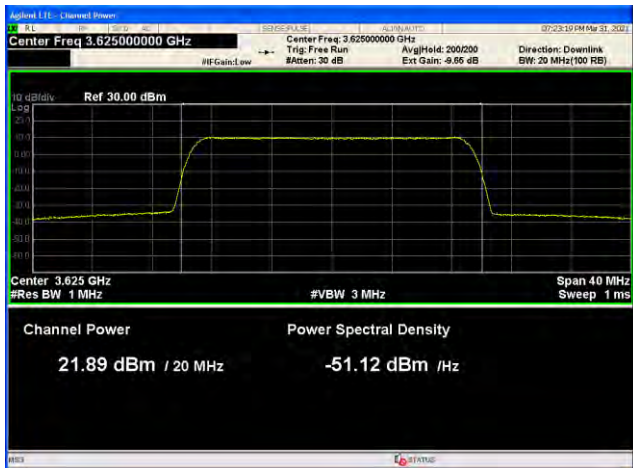
ANT 4



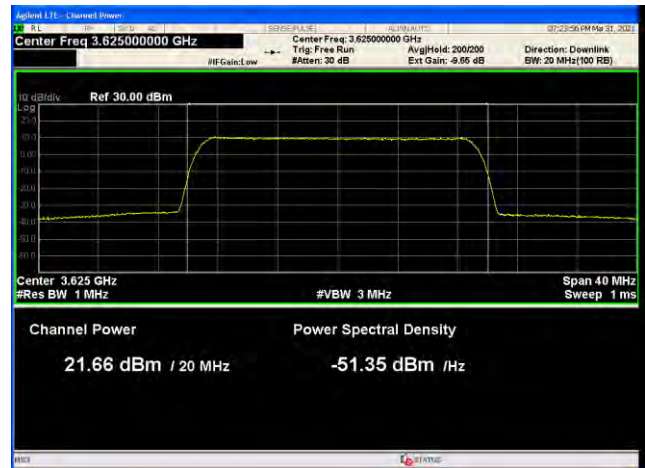
Lowest channel



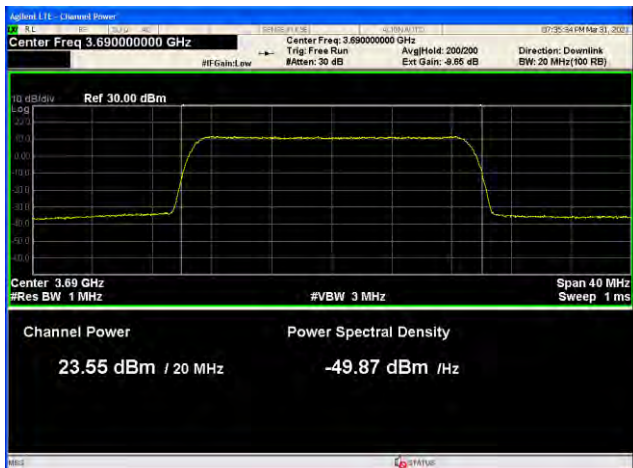
Lowest channel



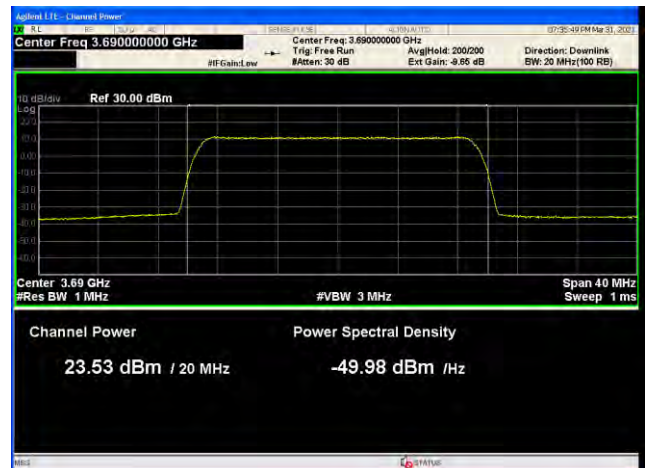
Middle channel



Middle channel



Highest channel

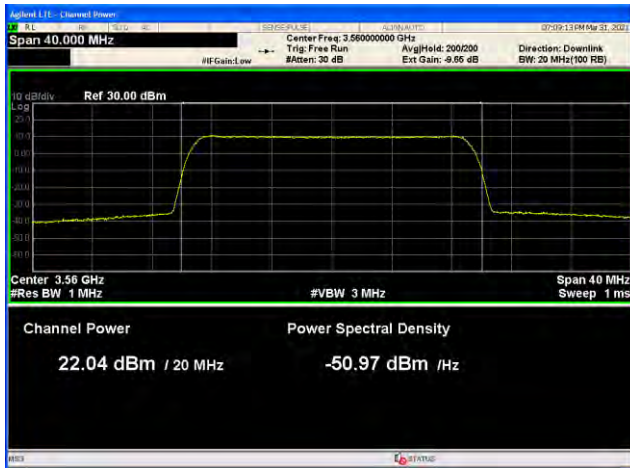


Highest channel

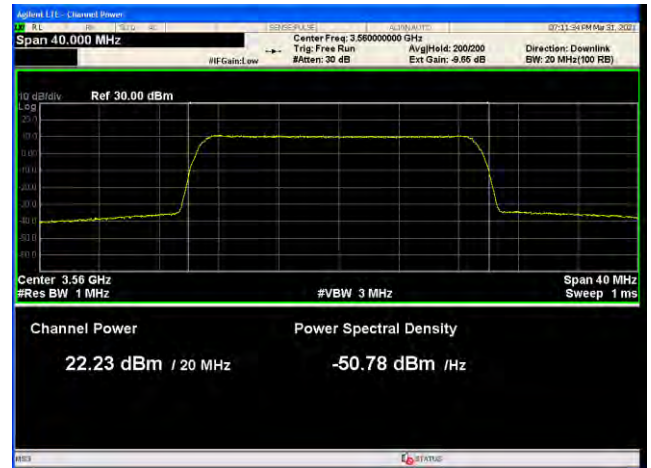
Bandwidth=20MHz – 64QAM

ANT 1

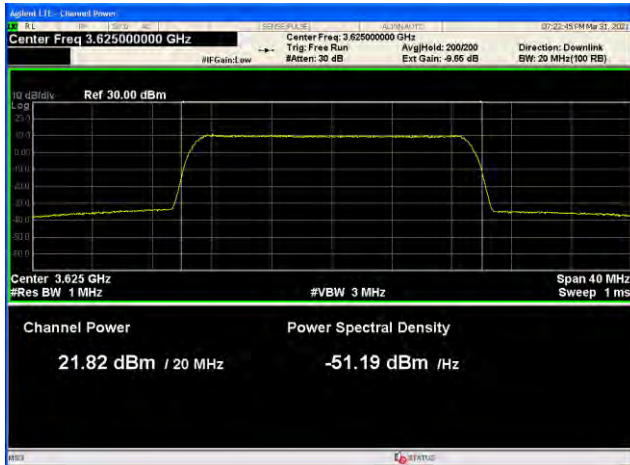
ANT 2



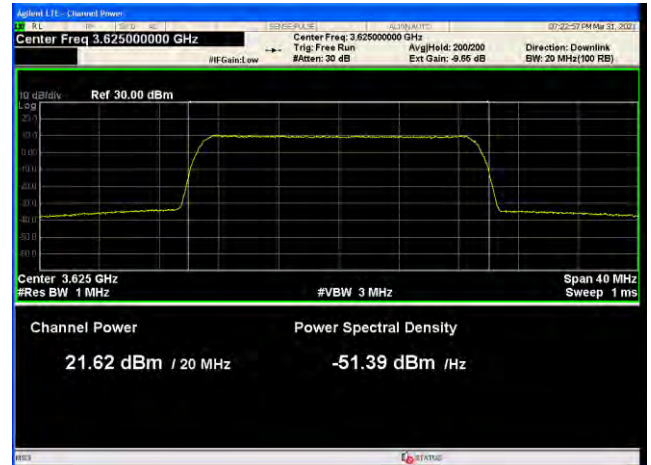
Lowest channel



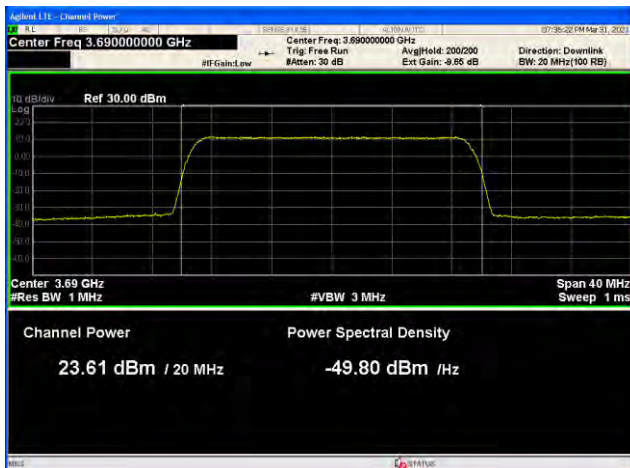
Lowest channel



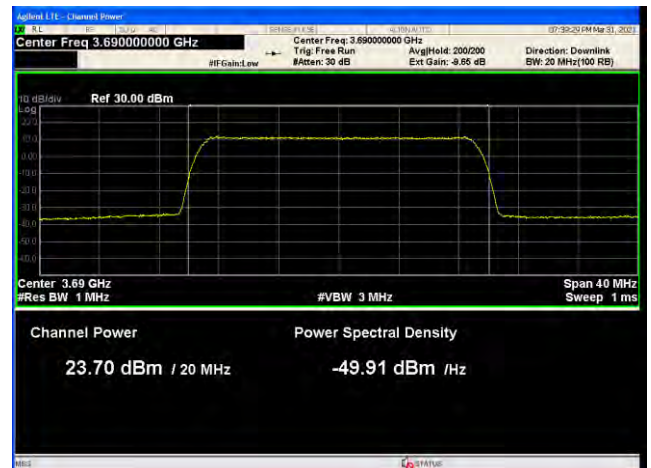
Middle channel



Middle channel



Highest channel

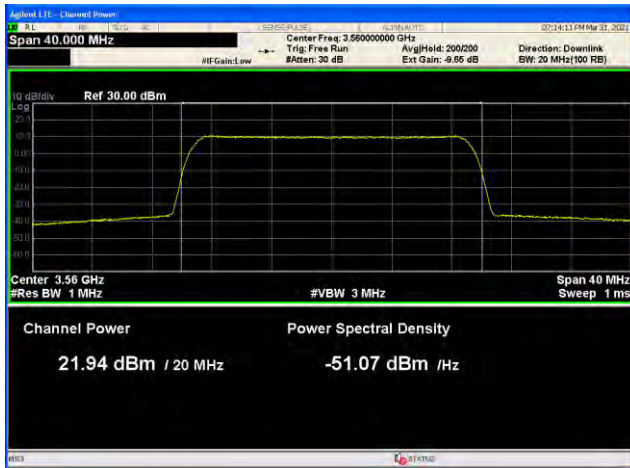


Highest channel

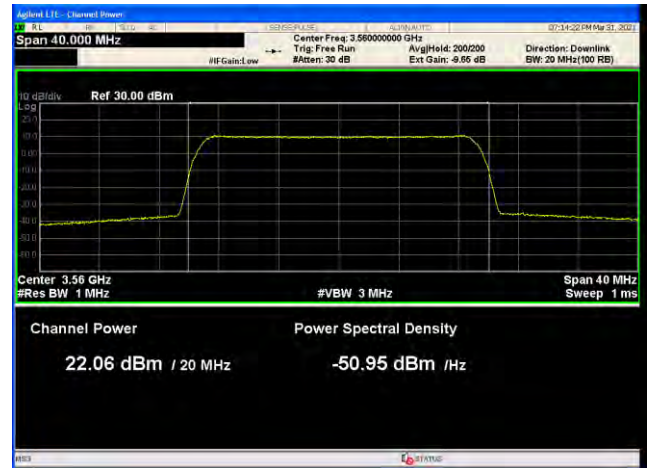
Bandwidth=20MHz – 64QAM

ANT 3

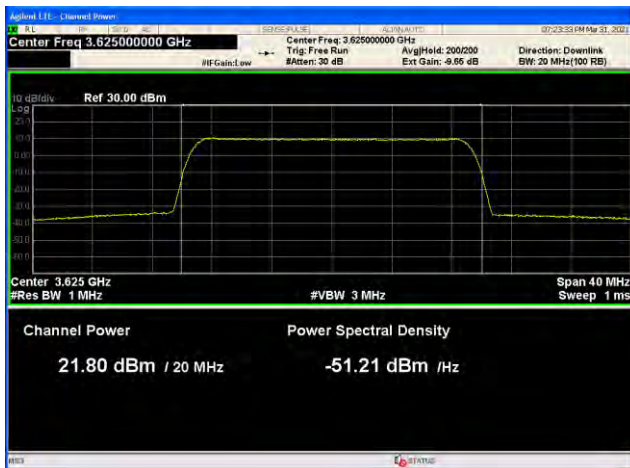
ANT 4



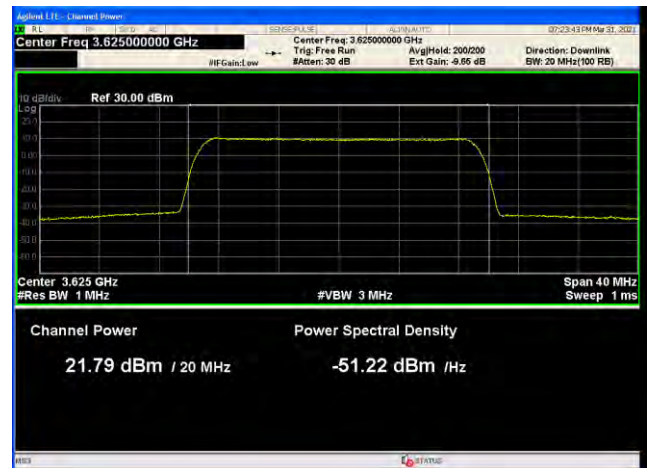
Lowest channel



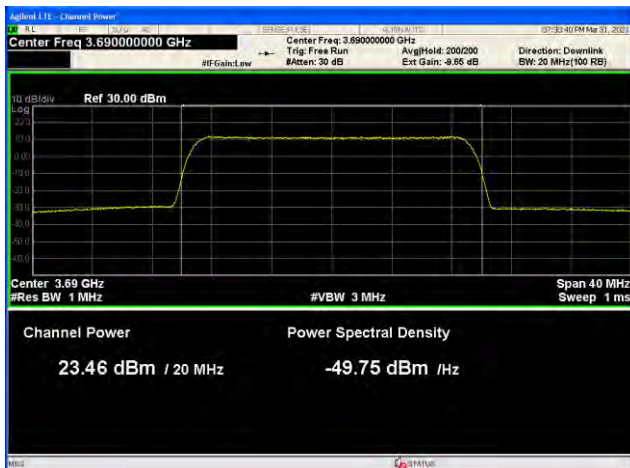
Lowest channel



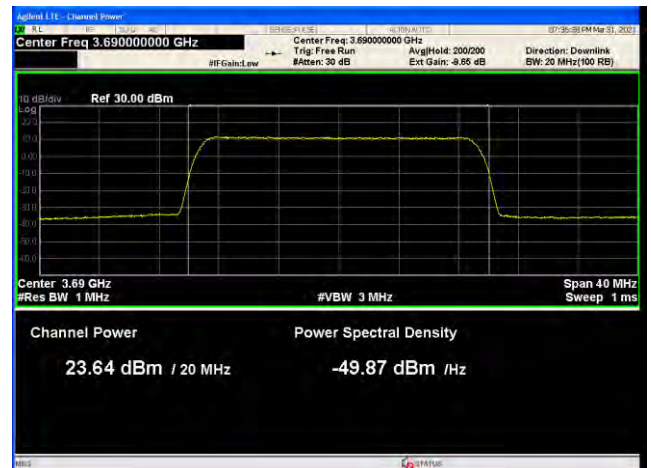
Middle channel



Middle channel



Highest channel

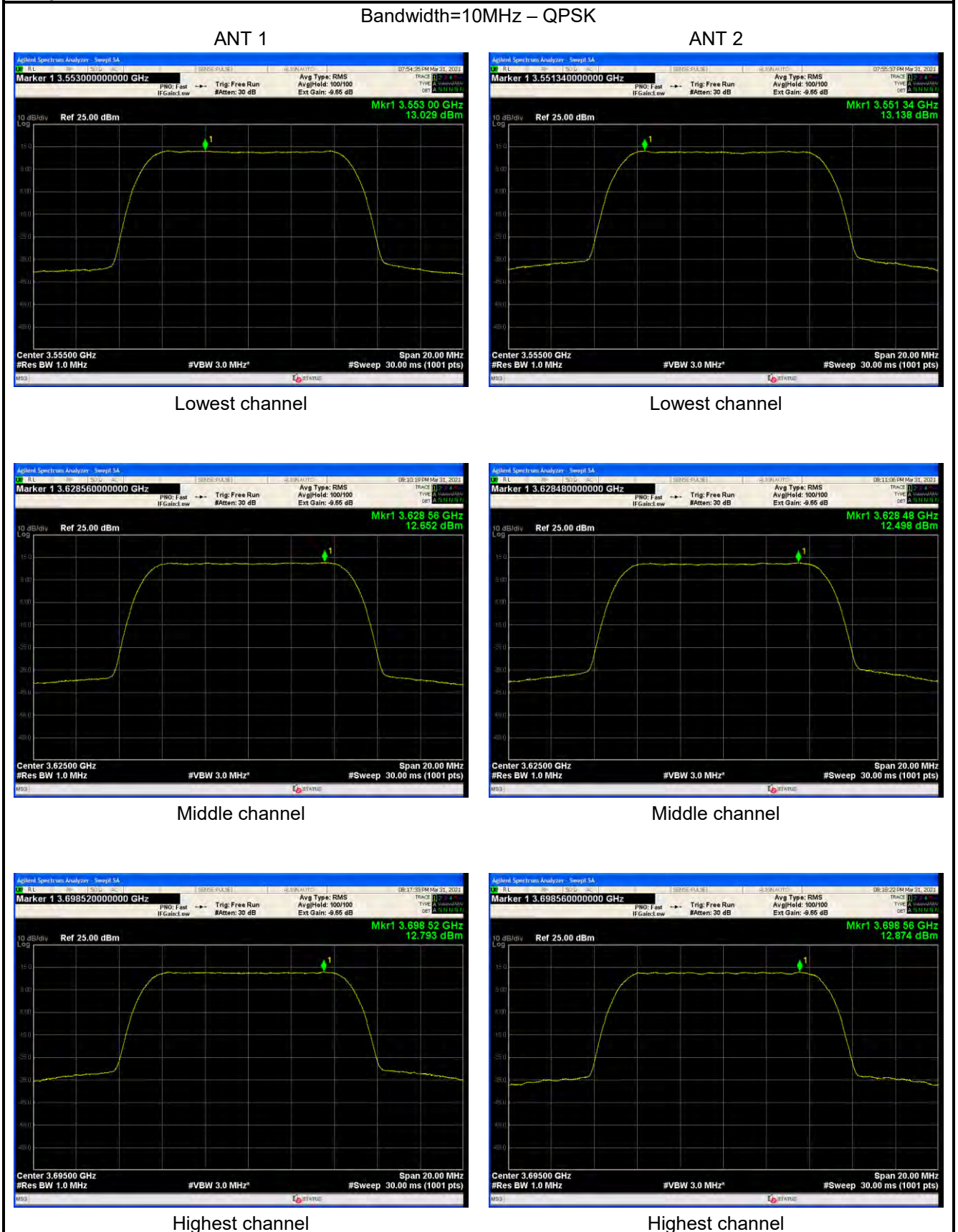


Highest channel

Measurement Data (PSD):

Modulation	Frequency (MHz)	ANT. Port	PSD (dBm/MHz)	Total PSD (dBm/MHz)	Directional Gain (dBi)	EIRP PSD (dBm)	Limit (dBm)
QPSK (10MHz)	3555.00	ANT 1	13.029	16.09	3	19.09	20.00
		ANT 2	13.138				
		ANT 3	12.982	16.06		19.06	
		ANT 4	13.114				
	3625.00	ANT 1	12.652	15.59		18.59	
		ANT 2	12.498				
		ANT 3	12.395	15.46		18.46	
		ANT 4	12.495				
	3695.00	ANT 1	12.793	15.84		18.84	
		ANT 2	12.874				
		ANT 3	12.636	15.67		18.67	
		ANT 4	12.675				
64QAM (10MHz)	3555.00	ANT 1	12.876	15.85	3	18.85	20.00
		ANT 2	12.813				
		ANT 3	12.819	15.84		18.84	
		ANT 4	12.833				
	3625.00	ANT 1	12.538	15.48		18.48	
		ANT 2	12.396				
		ANT 3	12.500	15.48		18.48	
		ANT 4	12.430				
	3695.00	ANT 1	12.842	15.82		18.82	
		ANT 2	12.778				
		ANT 3	12.883	15.80		18.80	
		ANT 4	12.692				
QPSK (20MHz)	3660.00	ANT 1	11.375	14.39	3	17.39	20.00
		ANT 2	11.388				
		ANT 3	11.696	14.53		17.53	
		ANT 4	11.332				
	3625.00	ANT 1	11.602	14.57		17.57	
		ANT 2	11.510				
		ANT 3	11.588	14.63		17.63	
		ANT 4	11.642				
	3690.00	ANT 1	11.886	15.00		18.00	
		ANT 2	12.091				
		ANT 3	11.107	14.03		17.03	
		ANT 4	10.940				
64QAM (20MHz)	3660.00	ANT 1	11.313	14.29	3	17.29	20.00
		ANT 2	11.244				
		ANT 3	11.139	14.31		17.31	
		ANT 4	11.457				
	3625.00	ANT 1	11.632	14.70		17.70	
		ANT 2	11.744				
		ANT 3	11.439	14.49		17.49	
		ANT 4	11.529				
	3690.00	ANT 1	11.848	15.02		18.02	
		ANT 2	12.165				
		ANT 3	10.942	13.96		16.96	
		ANT 4	10.953				

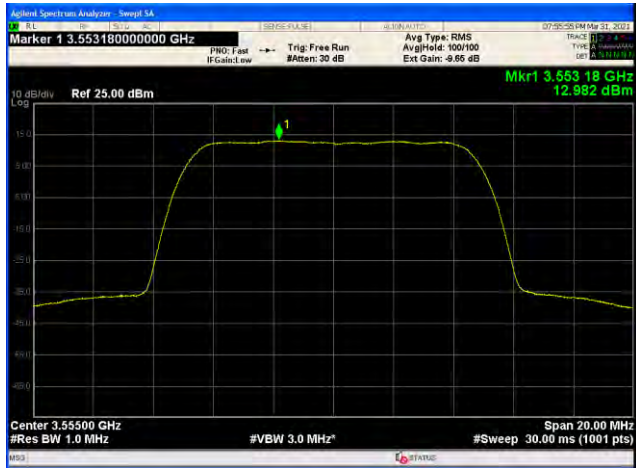
Test plot as below:



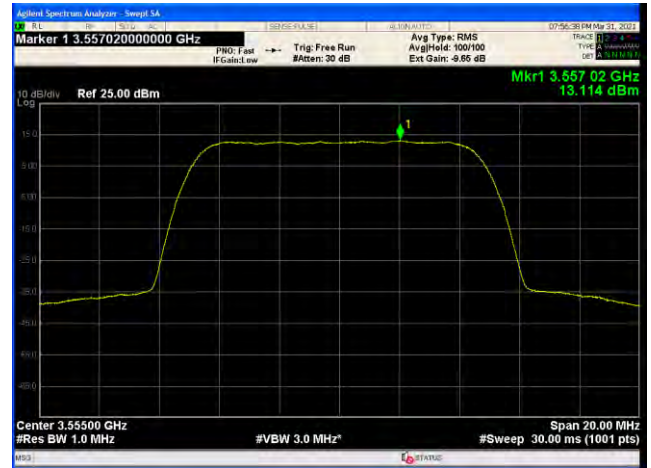
Bandwidth=10MHz – QPSK

ANT 3

ANT 4



Lowest channel



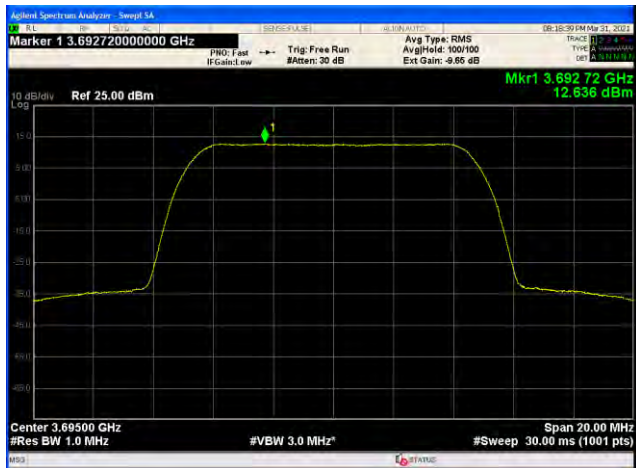
Lowest channel



Middle channel



Middle channel



Highest channel



Highest channel

Bandwidth=10MHz – 64QAM

ANT 1

ANT 2



Lowest channel



Lowest channel



Middle channel



Middle channel



Highest channel



Highest channel

Bandwidth=10MHz – 64QAM

ANT 3

ANT 4



Lowest channel



Lowest channel



Middle channel



Middle channel



Highest channel



Highest channel

Bandwidth=20MHz – QPSK

ANT 1

ANT 2



Lowest channel



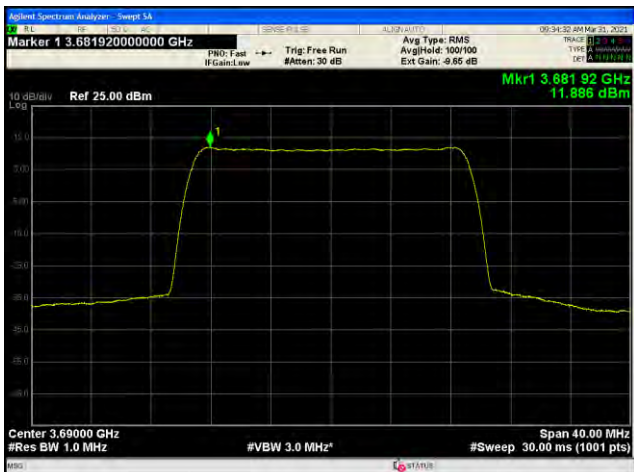
Lowest channel



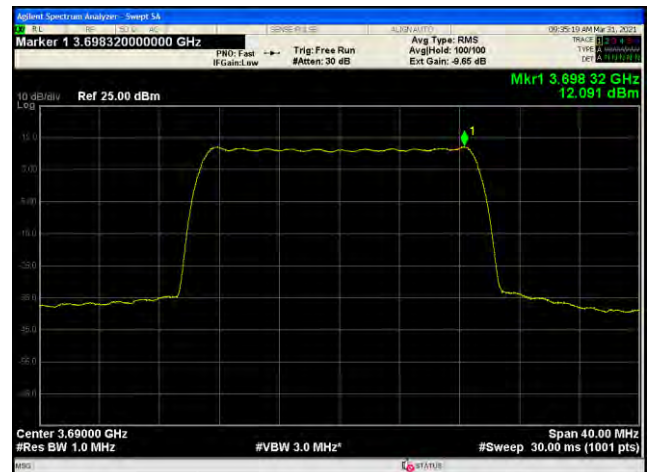
Middle channel



Middle channel



Highest channel

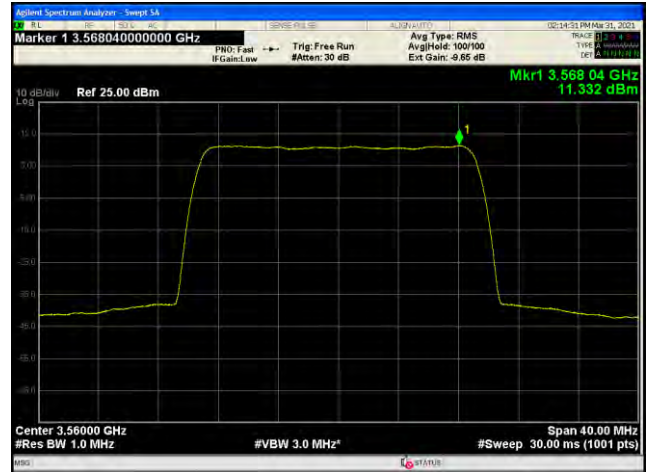
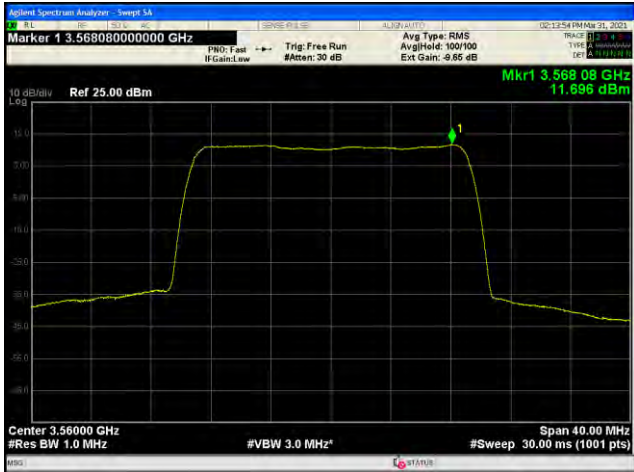


Highest channel

Bandwidth=20MHz – QPSK

ANT 3

ANT 4



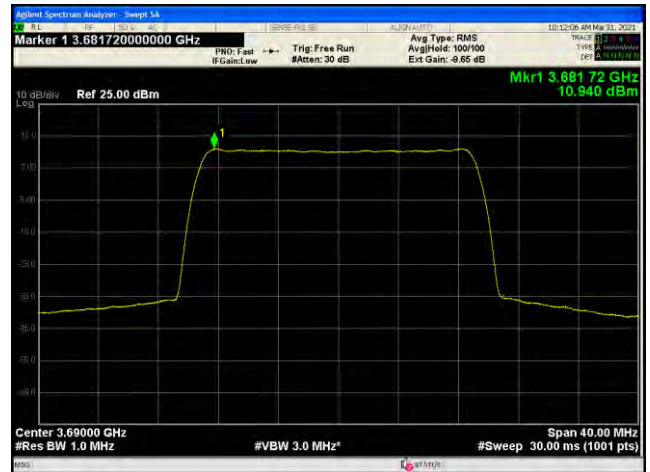
Lowest channel

Lowest channel



Middle channel

Middle channel



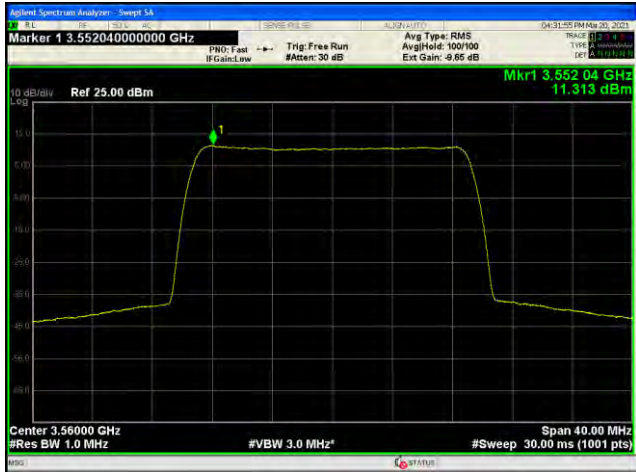
Highest channel

Highest channel

Bandwidth=20MHz – 64QAM

ANT 1

ANT 2



Lowest channel



Lowest channel



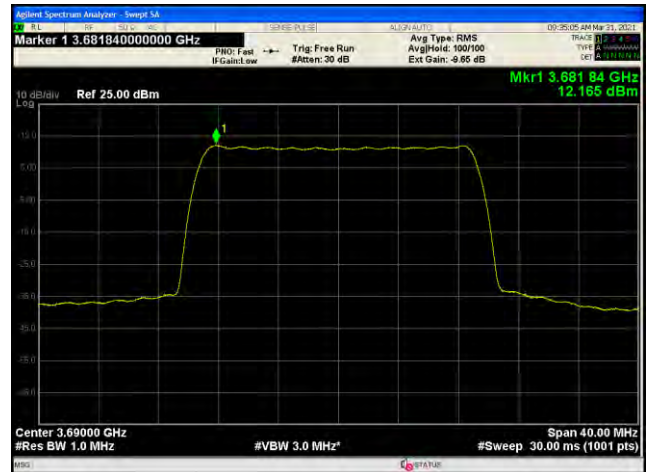
Middle channel



Middle channel



Highest channel



Highest channel

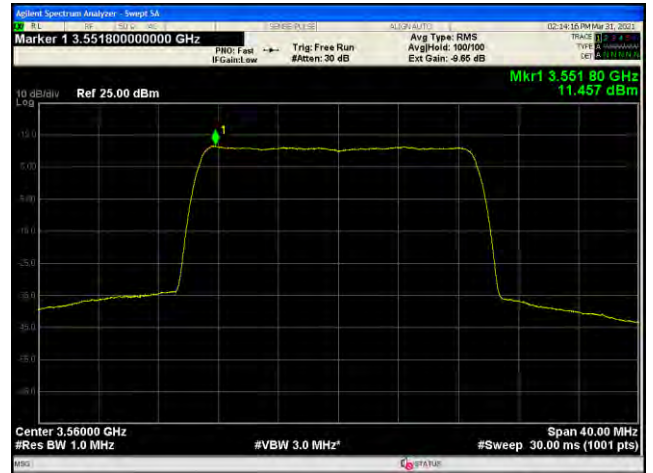
Bandwidth=20MHz – 64QAM

ANT 3

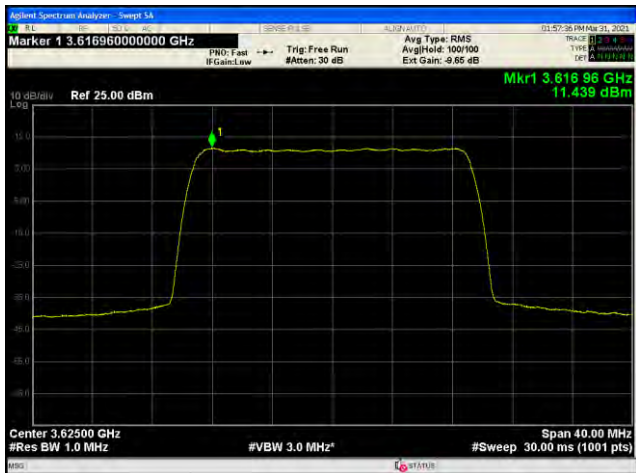
ANT 4



Lowest channel



Lowest channel



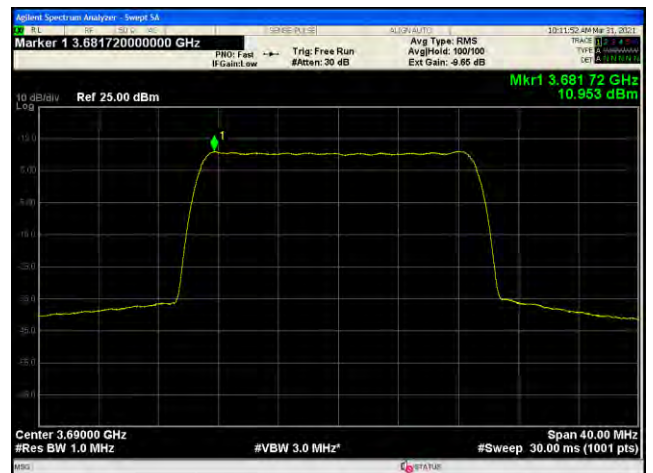
Middle channel



Middle channel

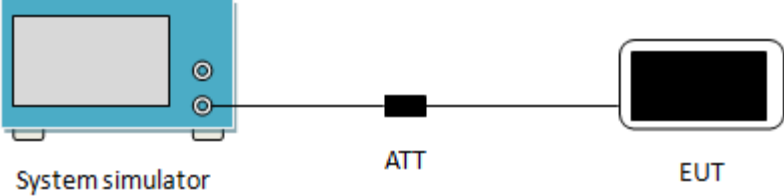


Highest channel



Highest channel

6.2 Peak-to-Average Power Ratio (PAPR)

Test Requirement:	FCC part 96.41(g)
Limit:	The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.
Test setup:	 <p style="text-align: center;">System simulator ATT EUT</p>
Test Procedure:	<ol style="list-style-type: none"> 1 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. 2 Set the CCDF option in spectrum analyzer, RBW ≥ OBW, 3 Set the EUT working in highest power level, measured and recorded the 0.1% as PAPR level. 4 Repeat step 1~3 at other frequency and modulations.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data:

Modulation	Frequency (MHz)	ANT. Port	PAPR(dB)	Limit(dB)	Result
10MHz – QPSK	3625.00	ANT 1	9.00	13.00	PASS
	3625.00	ANT 2	8.92		PASS
	3625.00	ANT 3	8.91		PASS
	3625.00	ANT 4	8.83		PASS
10MHz – 64QAM	3625.00	ANT 1	9.02		PASS
	3625.00	ANT 2	8.92		PASS
	3625.00	ANT 3	9.00		PASS
	3625.00	ANT 4	9.01		PASS
20MHz – QPSK	3625.00	ANT 1	8.90		PASS
	3625.00	ANT 2	8.97		PASS
	3625.00	ANT 3	8.80		PASS
	3625.00	ANT 4	8.77		PASS
20MHz – 64QAM	3625.00	ANT 1	8.88		PASS
	3625.00	ANT 2	8.78		PASS
	3625.00	ANT 3	8.82		PASS
	3625.00	ANT 4	8.85		PASS

Bandwidth=10MHz – QPSK

ANT 1



ANT 2



ANT 3



ANT 4



Bandwidth=10MHz – 64QAM

ANT 1



ANT 2



ANT 3



ANT 4



Bandwidth=20MHz – QPSK

ANT 1



ANT 2



ANT 3



ANT 4



Bandwidth=20MHz – 64QAM

ANT 1



ANT 2



ANT 3



ANT 4

