



RE1705015009 R/C: 75990 AMPTC760FXB1 ytera Communications Corporation Limited ytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan oad, Nanshan District, Shenzhen, People's Republic of China ytera Communications Corporation Limited ytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan oad, Nanshan District, Shenzhen, People's Republic of China uti-mode Advanced Radio ytera TC760 FxB1 CC Part 90:PRIVATE LAND MOBILE RADIO SERVICES
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roject Engineer Cary Luo
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anager Hans Hu
henzhen Huatongwei International Inspection Co., Ltd.
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The test report merely corresponds to the test sample. It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

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# 1. Test standards and Report version

### 1.1. Test Standards

The tests were performed according to following standards:

FCC Part 90: PRIVATE LAND MOBILE RADIO SERVICES.

TIA/EIA 603 D June 2010: Land Mobile FM or PM Communications Equipment Measurement and Performance Standards.

FCC Part 2: FREQUENCY ALLOCA-TIONS AND RADIO TREATY MAT-TERS; GENERAL RULES AND REG-ULATIONS

### 1.2. Report version

Version No.	Date of issue	Description
00	Jun.22, 2017	Original

# 2. Test Description

Test Item	Section in CFR 47	Result	Test Engineer	
RF Output Power	Part 2.1046	Pass	William Wang	
99% & -26 dB Occupied Bandwidth	Part 2.1049 Part 90.209	Pass	William Wang	
Emission mask-In band emissions	Part 2.1051 Part 90.691	Pass	William Wang	
Emission mask-Out band emissions	Part 2.1051 Part 90.691	Pass	William Wang	
Radiated Spurious Emissions	Part 2.1051 Part 90.691	Pass	William Wang	
Frequency stability vs. temperature	Part 2.1055(a)(1)(b) Part 90.213	Pass	William Wang	
Frequency stability vs. voltage	Part 2.1055(a)(1)(b) Part 90.213	Pass	William Wang	

Note: The measurement uncertainty is not included in the test result.

# 3.1. Client Information

Applicant:	Hytera Communications Corporation Limited
Address:	Hytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan Road, Nanshan District, Shenzhen, People's Republic of China
Manufacturer:	Hytera Communications Corporation Limited
Address:	Hytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan Road, Nanshan District, Shenzhen, People's Republic of China

# 3.2. Product Description

Name of EUT:	Multi-mode Advanced Radio
Trade Mark:	Hytera
Model/Type reference:	PTC760 FxB1
Listed Model(s):	-
Power supply:	DC 7.6V
Adapter information:	Model: S024WM1200200 Input: 100-240Va.c., 50/60Hz, 600mA Output: 12.0Vd.c., 2000mA
Battery information:	Model: BP2901 Output: 7.6Vd.c., 2900mAh
Charger information:	Model: CH20L08 Input: 12Vd.c., 2000mA Output: 12Vd.c., 2000mA
Hardware version:	V1.0
Software version:	R1.0
<b>RF</b> Technical Description	
⊠FDD Band 26	
Operation Frequency:	Uplink:814.7 MHz – 823.3 MHz Downlink: 859.7MHz – 868.3 MHz
Channel bandwidth:	⊠1.4MHz ⊠ 3MHz ⊠ 5MHz ⊠ 10MHz ⊠15MHz □20MHz
Power Class:	□ Class 1 □ Class 2 ⊠ Class 3 □ Class 4
Modulation type:	QPSK 🛛 16QAM 🗌 64QAM
Antennna type:	Integral Antennna
Antenna gain:	Band 26: -0.5 dBi,

#### 3.3. Operation state

#### Test frequency list

	LTE Band 26 Ch	nannel and Frequend	cy List	
BW [MHz]	Channel/Frequency(MHz)	Low	Mid	High
15	Channel	26765	-	-
15	Frequency	821.5	-	-
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
5	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
3	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
1.4	Frequency	814.7	819	823.3

# 3.4. EUT operation mode

#### For RF test items

The EUT has been tested under typical operating condition. Testing was performed by configuring EUT to maimum output power status.

Toot Home	Dand	Bandwidth (MHz)				Modulation			RB #		Test Channel				
Test Items	Band	1.4	3	5	10	15	20	QPSK	16QAM	1	Half	Full	L	М	н
Max Output Power	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v
26dB and 99% Bandwidth	26	v	v	v	v	v	-	v	v			v	v	v	v
Emission mask-In band emissions	26	v	v	v	v	v	-	v	v	v		v	v		v
Emission mask-Out band emissions	26	v	v	V	v	v	-	v	v	v			v	v	v
Radiated Spurious Emission	26	v	v	v	v	v	-	v		v			v	v	v
Frequency Stability	26				v		-	v	v			v		v	
Remark	<ol> <li>The mark "V"means that this configuration is chosenfor testing</li> <li>The mark "-"means that this fuction is not supported.</li> <li>The device is investigated from 20MHz to 10 times offundemental signal for radiated environmental signal for radiated envi</li></ol>														

# 3.5. EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

supplied by the manufacturer

○ - supplied by the lab

	Length (m) :	/
	Shield :	/
	Detachable :	/
	Manufacturer :	/
	Model No. :	/

### 3.6. Modifications

No modifications were implemented to meet testing criteria.

# 4. TEST ENVIRONMENT

#### 4.1. Address of the test laboratory

Laboratory: Shenzhen Huatongwei International Inspection Co., Ltd. Address: 1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, Tianliao, Gongming, Shenzhen, China

### 4.2. Test Facility

#### CNAS-Lab Code: L1225

Shenzhen Huatongwei International Inspection Co., Ltd. has been assessed and proved to be in compliance with CNAS-CL01 Accreditation Criteria for Testing and Calibration Laboratories (identical to ISO/IEC17025: 2005 General Requirements) for the Competence of Testing and Calibration Laboratories.

#### A2LA-Lab Cert. No.: 3902.01

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing.

#### FCC-Registration No.: 762235

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintained in our files.

#### IC-Registration No.:5377B-1

Two 3m Alternate Test Site of Shenzhen Huatongwei International Inspection Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for the performance of radiated measurements with Registration No.: 5377B-1.

#### ACA

Shenzhen Huatongwei International Inspection Co., Ltd. EMC Laboratory can also perform testing for the Australian C-Tick mark as a result of our A2LA accreditation.

# 4.3. Equipments Used during the Test

RF Co	onducted				
No.	Equipment	Manufacturer	Model No.	SerialNo.	Last Cal.
1	UNIVERSAL RADIO COMMUNICATION	Rohde&Schwarz	CMU200	112012	2016/11/13
2	WIDEB.RADIO COMM.TESRER	Rohde&Schwarz	CMW500	1201.0002K50	2016/11/13
3	Spectrum Analyzer	Rohde&Schwarz	FSU26	201141	2016/11/13
4	MXA Signal Analyzer	Agilent Technologies	N9020A	MY5050187	2016/11/13
5	Splitter	Mini-Circuit	ZAPD-4	400059	2016/11/13
6	Climate Chamber	ESPEC	EL-10KA	05107008	2016/11/13

RF Ra	adiated				
No.	Equipment	Manufacturer	Model No.	SerialNo.	Last Cal.
1	UNIVERSAL RADIO COMMUNICATION	Rohde&Schwarz	CMU200	112012	2016/11/13
2	WIDEB.RADIO COMM.TESRER	Rohde&Schwarz	CMW500	1201.0002K50	2016/11/13
3	Spectrum Analyzer	Rohde&Schwarz	FSU26	201141	2016/11/13
4	HORNANTENNA	ShwarzBeck	9120D	1012	2016/11/13
5	HORNANTENNA	ShwarzBeck	9120D	1011	2016/11/13
6	Ultra-Broadband Antenna	ShwarzBeck	VULB9163	538	2016/11/13
7	Ultra-Broadband Antenna	ShwarzBeck	VULB9163	539	2016/11/13
8	TURNTABLE	MATURO	TT2.0		N/A
9	ANTENNA MAST	MATURO	TAM-4.0-P		N/A
10	EMI Test Software	Audix	E3	N/A	N/A
11	EMI Test Receiver	Rohde&Schwarz	ESIB 26	100009	2016/11/13
12	RF Test Panel	Rohde&Schwarz	TS / RSP	335015/0017	2016/11/13
13	High pass filter	Compliance Direction systems	BSU-6	34202	2016/11/13
14	Splitter	Mini-Circuit	ZAPD-4	400059	2016/11/13
15	Horn Antenna	SCHWARZBECK	BBHA9170	25841	2016/11/13
16	Horn Antenna	SCHWARZBECK	BBHA9170	25842	2016/11/13
17	Preamplifier	ShwarzBeck	BBV 9718	BBV 9718	2016/11/13
18	Broadband Preamplifier	ShwarzBeck	BBV743	9743-0079	2016/11/13
19	Signal Generator	Rohde&Schwarz	SMF100A	101932	2016/11/13
20	Amplifer	Compliance Direction systems	PAP1-4060	120	2016/11/13
21	TURNTABLE	ETS	2088	2149	2016/11/13
22	ANTENNA MAST	ETS	2075	2346	2016/11/13
23	HORNANTENNA	Rohde&Schwarz	HF906	100068	2016/11/13
24	HORNANTENNA	Rohde&Schwarz	HF906	100039	2016/11/13

The calibration interval was one year.

### 4.4. Environmental conditions

During the measurement the environmental conditions were within the listed ranges:

	Temperature	15 °C to +35 °C
Normal Conditon	Relative humidity	20 % to 75 %.
	Voltage	the equipment shall be the nominal voltage for which the equipment was designed.
Extreme	Temperature	From -30° to + 50° centigrade
Conditon	Voltage	For hand carried, battery powered equipment, reduce primary supply voltage to the battery operating end point which shall be specified by the manufacturer

#### 4.5. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to TR-100028-01"Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement of mobile radio equipment characteristics;Part 1"and TR-100028-02 "Electromagnetic compatibility and Radio spectrum Matters (ERM);Uncertainties in the measurement characteristics;Part 2" and TR-100028-02 "Electromagnetic compatibility equipment characteristics;Part 2" and is documented in the Shenzhen Huatongwei International Inspection Co., Ltd quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen Huatongweilaboratory is reported:

Test Items	MeasurementUncertainty	Notes
Frequency stability	25 Hz	(1)
Transmitter power conducted	0.57 dB	(1)
Transmitter power Radiated	2.20 dB	(1)
Conducted spurious emission 9KHz-12.75 GHz	1.60 dB	(1)
Conducted Emissions 9KHz-30MHz	3.39 dB	(1)
Radiated Emissions 30~1000MHz	4.24 dB	(1)
Radiated Emissions 1~18GHz	5.16 dB	(1)
Radiated Emissions 18-40GHz	5.54 dB	(1)
Occupied Bandwidth		(1)

(1) This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

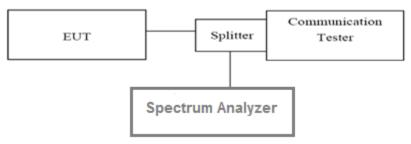
# 5. TEST CONDITIONS AND RESULTS

# 5.1. Conducted Output Power

### LIMIT

N/A

### TEST CONFIGURATION



#### TEST PROCEDURE

- 1. The transmitter output port was connected to base station.
- 2. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator, the path loss was compensated to the results for each measurement.
- 3. Set EUT at maximum power through base station.
- 4. Select lowest, middle, and highest channels for each band and different modulation.
- 5. Measure the maximum burst average power.

#### TEST MODE:

Please refer to the clause 3.3

#### TEST RESULTS

☑ Passed □ Not Applicable

	LTE-FDD	Band 26		Actual	output Power	(dBm)
Band-width	RBallocation	RBoffset	Modulation	Low	Middle	High
		Lligh	QPSK	22.63	22.73	22.71
		High	16QAM	22.36	22.39	22.33
	1RB	Mid	QPSK	22.54	22.70	22.52
	IKD	IVIIG	16QAM	22.33	22.32	22.11
		Low	QPSK	22.58	22.65	22.60
		Low	16QAM	22.27	22.31	22.24
1.4MHz		High	QPSK	21.25	21.28	21.08
1.4IVI⊓Z		High	16QAM	20.61	20.63	20.55
	200	Mid	QPSK	21.23	21.33	21.01
	3RB	Mid	16QAM	20.59	20.57	20.35
		Low	QPSK	21.20	21.20	20.98
		Low	16QAM	20.53	20.56	20.47
	6RB	/	QPSK	21.17	20.93	20.51
	OKD	1	16QAM	20.31	20.37	20.18
		High	QPSK	22.70	22.71	22.68
		High	16QAM	22.42	22.37	22.29
	1RB	Mid	QPSK	22.61	22.68	22.49
	IND	IMIQ	16QAM	22.40	22.30	22.08
		Low	QPSK	22.65	22.63	22.57
		LOW	16QAM	22.33	22.29	22.21
2111-		High	QPSK	21.31	21.26	21.04
3MHz		High	16QAM	20.67	20.61	20.52
	8RB	Mid	QPSK	21.29	21.31	20.97
	οκο	IVIIU	16QAM	20.65	20.55	20.32
		L ow	QPSK	21.27	21.18	20.94
		Low	16QAM	20.59	20.55	20.44
	15RB	/	QPSK	21.23	20.91	20.47
	IJAD	1	16QAM	20.37	20.35	20.15

Issued:

	1	1	1		1	1
		High	QPSK	22.65	22.76	22.64
		- ingri	16QAM	22.38	22.42	22.26
	1RB	Mid	QPSK	22.56	22.73	22.45
	IND	IVIIG	16QAM	22.35	22.35	22.04
		Low	QPSK	22.60	22.68	22.53
		LOW	16QAM	22.28	22.34	22.17
5MHz		High	QPSK	21.27	21.31	21.01
		High	16QAM	20.63	20.66	20.49
	12RB	Mid	QPSK	21.25	21.36	20.94
	IZRD	IVIIC	16QAM	20.60	20.60	20.29
		Low	QPSK	21.22	21.23	20.91
		Low	16QAM	20.54	20.59	20.40
	25RB		QPSK	21.19	20.96	20.44
	ZURD		16QAM	20.32	20.39	20.12
		High	QPSK	-	-	-
		піgn	16QAM	-	-	-
	1RB	Mid	QPSK	22.53	22.76	22.43
	IND	IVIIC	16QAM	22.33	22.38	22.03
		Low	QPSK	-	-	-
		LOW	16QAM	-	-	-
10MHz		High	QPSK	-	-	-
TOIVITIZ		riigii	16QAM	-	-	-
	25 <b>P</b> R	Mid	QPSK	21.22	21.38	20.93
	25RB	Mid	16QAM	20.58	20.62	20.27
		Low	QPSK	-	-	-
		Low	16QAM	-	-	-
	50RB	/	QPSK	21.17	20.98	20.43
	JURD		16QAM	20.30	20.42	20.10

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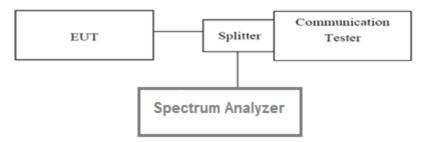
Issued:

			QPSK	22.67	22.76	22.65
		High	16QAM	22.07	22.16	22.03
			QPSK	-	-	-
	1RB	Mid	16QAM	-	-	-
			QPSK	-	-	-
		Low	16QAM	-	-	-
15MHz		Lliab	QPSK	21.29	21.30	21.02
		High	16QAM	20.34	20.42	20.28
	2600	Mid	QPSK	-	-	-
	36RB	Mid	16QAM	-	-	-
		Law	QPSK	-	-	-
		Low	16QAM	-	-	-
	75RB	1	QPSK	21.21	20.95	20.45
	/ JKD	/	16QAM	20.04	20.16	19.91

## 5.2. 99% & -26 dB Occupied Bandwidth

LIMIT N/A

#### **TEST CONFIGURATION**



#### TEST PROCEDURE

- 1. The EUT's output RF connector was connected with a short cable to the spectrum analyzer
- 2. RBWwas set to about 1% of emission BW, VBW= 3 times RBW.
- 3. -26dBc display line was placed on the screen (or 99% bandwidth), the occupied bandwidth is the delta frequency between the two points where the display line intersects the signal trace.

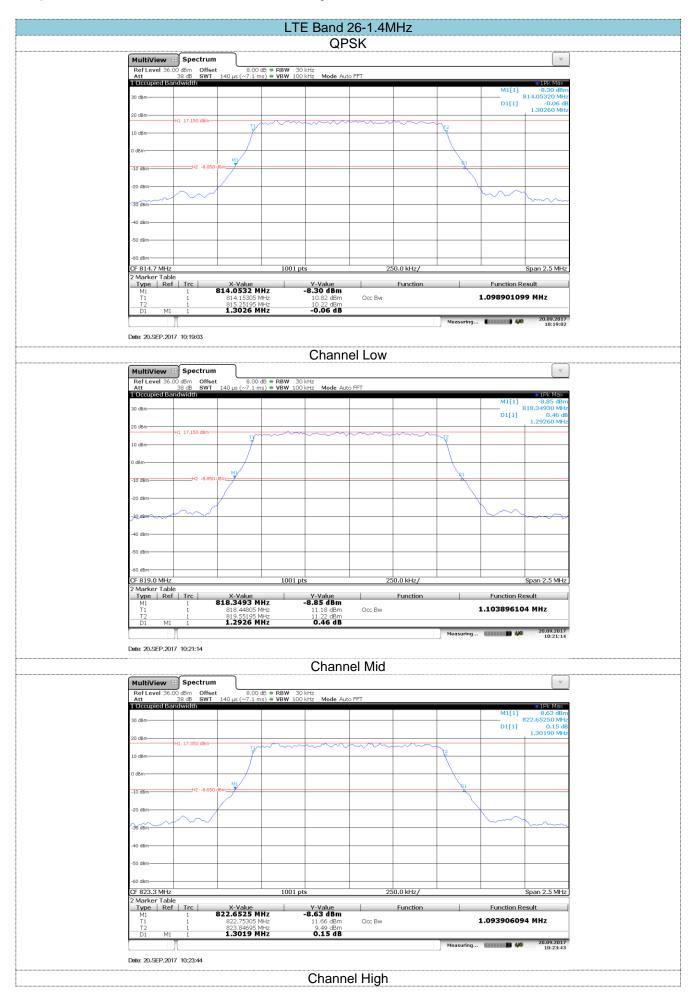
#### TEST MODE:

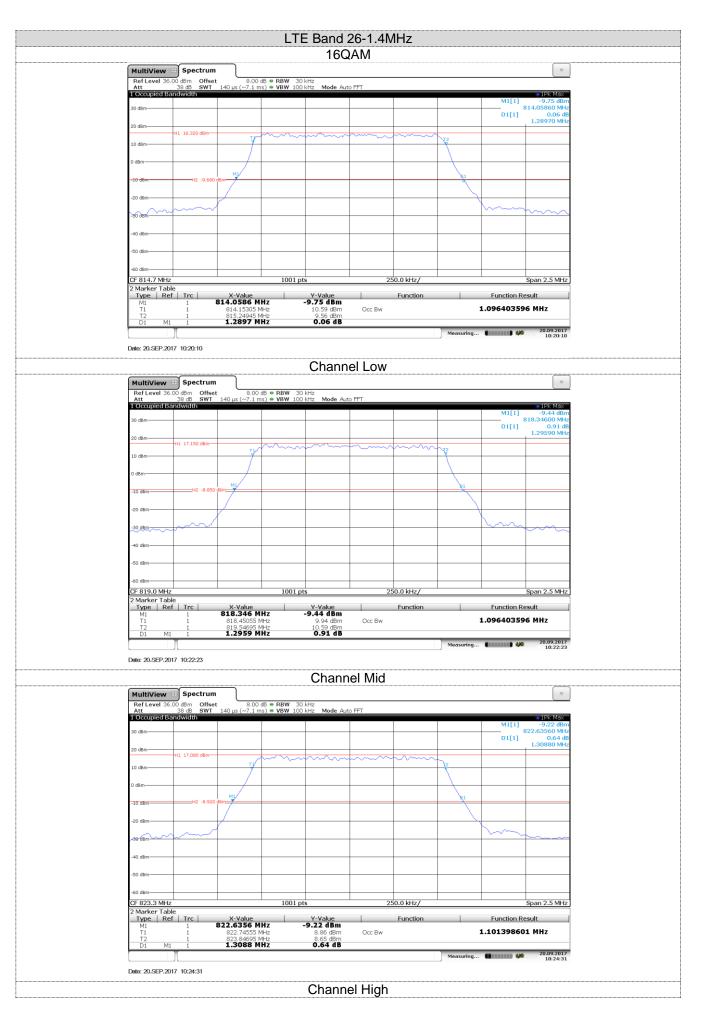
Please refer to the clause 3.3

#### **TEST RESULTS**

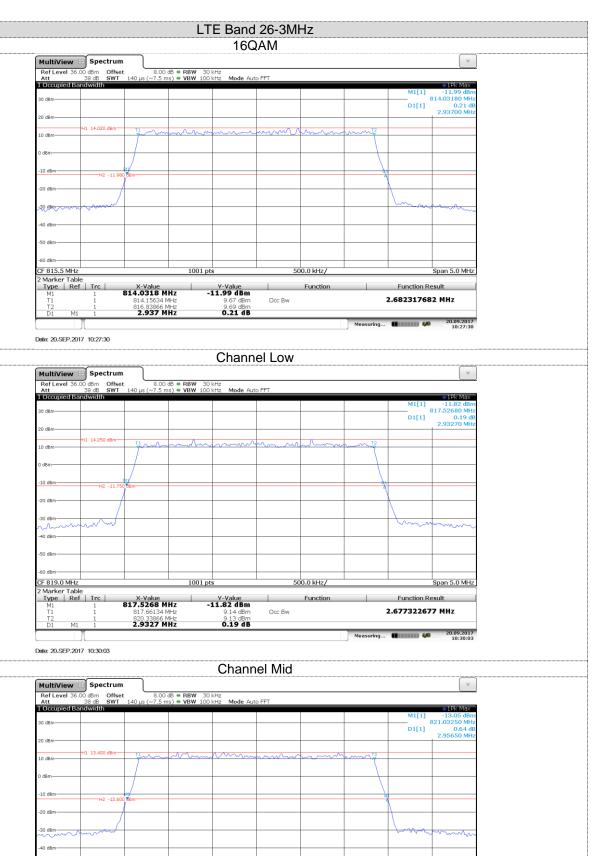
#### ☑ Passed □ Not Applicable

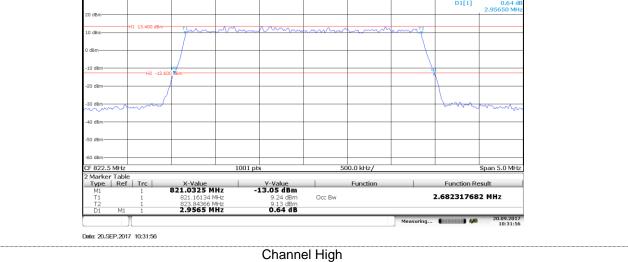
		LTE Band 26			
Bandwidth	Channel	99% Occupy ba	ndwidth (MHz)	-26dB bandy	width (MHz)
Bandwidth	Channel	QPSK	16QAM	QPSK	16QAM
	Low	1.10	1.10	1.30	1.29
1.4MHz	Mid	1.10	1.10	1.30	1.30
	High	1.09	1.10	1.30	1.31
	Low	2.69	2.68	2.93	2.94
3MHz	Mid	2.68	2.68	2.94	2.93
	High	2.68	2.68	2.94	2.97
	Low	4.50	4.51	5.01	5.01
5MHz	Mid	4.48	4.51	5.00	5.04
	High	4.51	4.48	5.01	4.98
10MHz	Mid	8.91	8.91	9.70	9.74
15MHz	Low	13.40	13.43	14.70	14.74

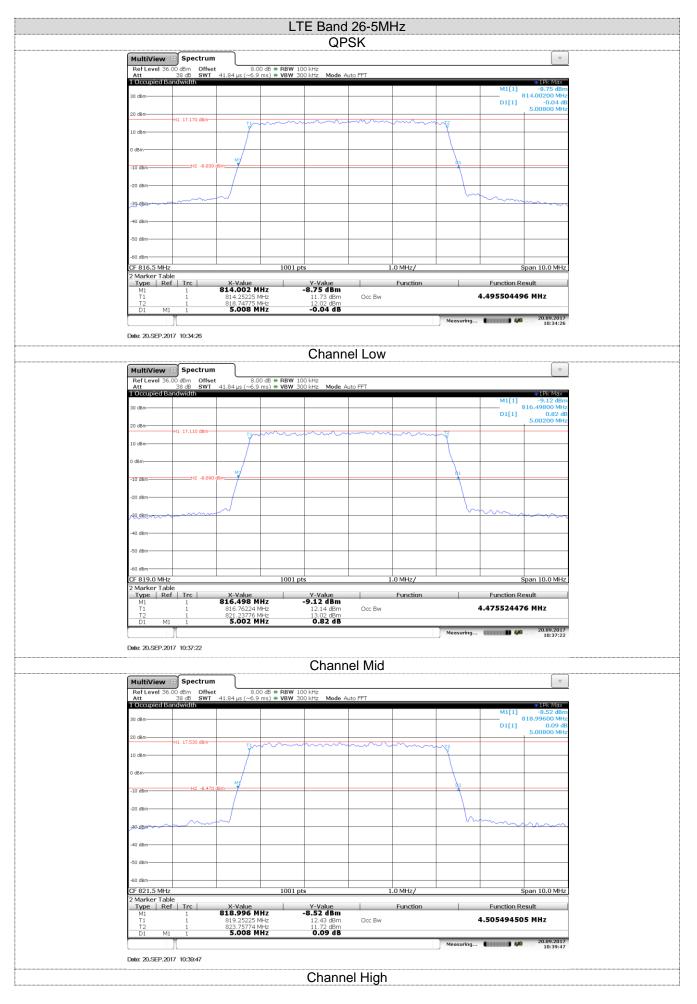




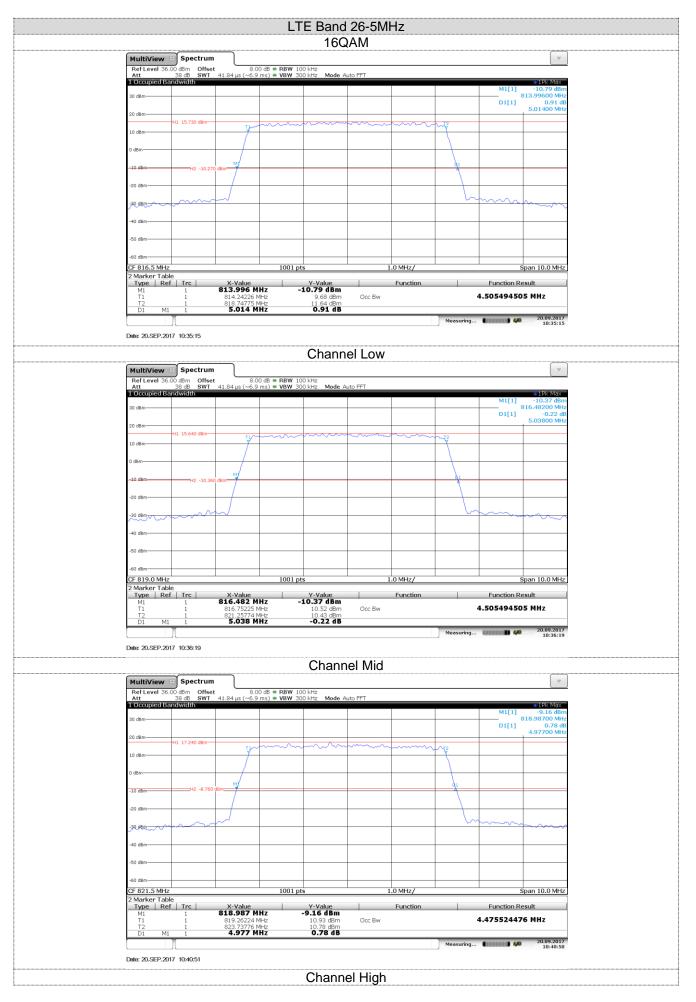


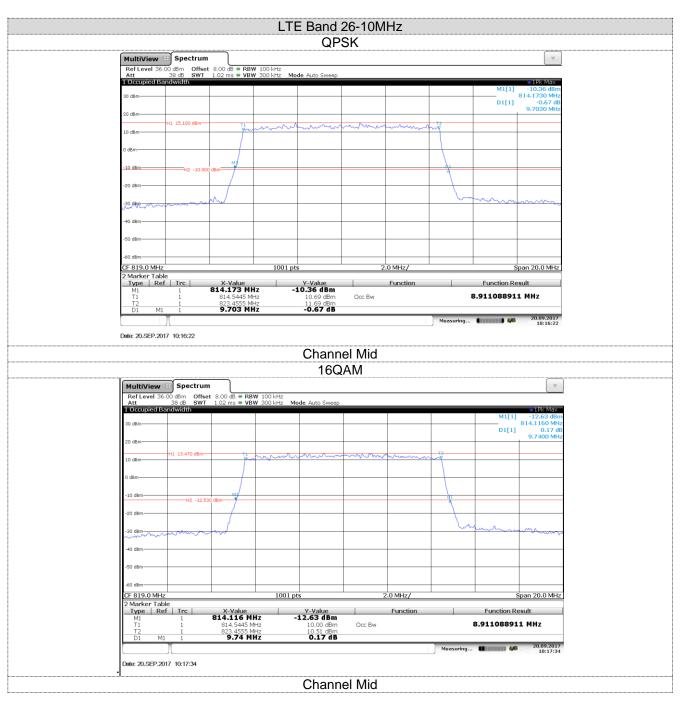


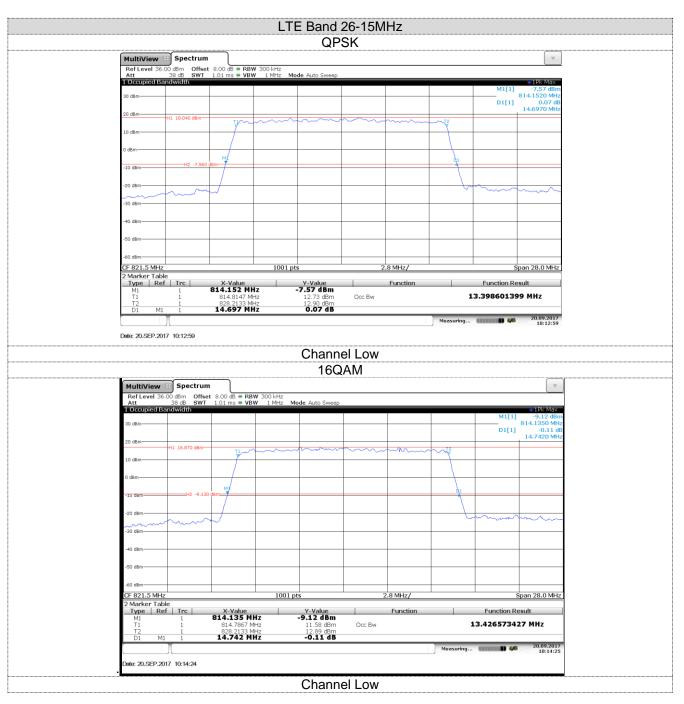




Report Template Version: H00 (2016-08)







## 5.3. Emission mask-In band emissions

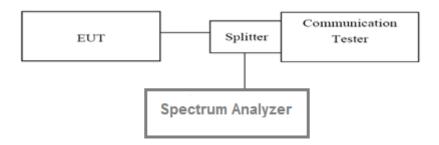
#### LIMIT

Part 90.691 (a) Out of band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

#### TEST CONFIGURATION



#### TEST PROCEDURE

- 1. The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation.
- The band edges of low and high channels for the highest RF powers were measured. Set RBW>= 1% EBW in the 1MHz band immediately outside and adjacent to the band edge.
- 3. Set spectrum analyzer with RMS detector.

#### TEST MODE:

Please refer to the clause 3.3

#### TEST RESULTS

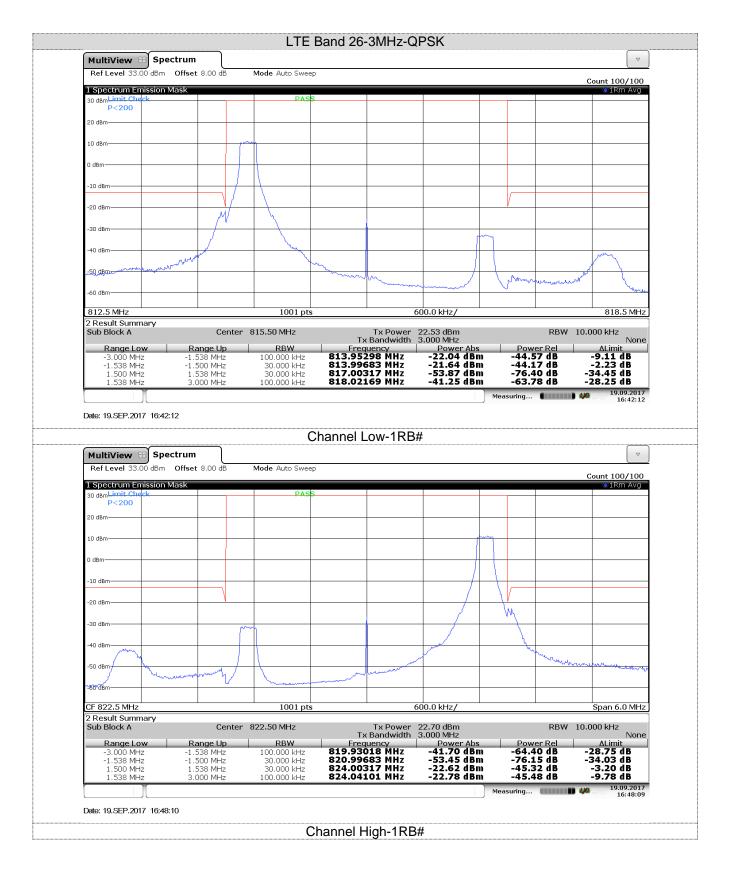
☑ Passed □ Not Applicable

MultiView	Spectrum							$\bigtriangledown$
Ref Level 33.0	0 dBm Offset	: 8.00 dB	Mode Auto FFT					
1 Spectrum Em	nission Mask							Count 100/100 • 1Rm Avg
30 dBm <mark>Limit Che</mark> P<200	<u>ck</u>		PAS					
20 dBm								
10.10.1			$\sim$					
10 dBm								
0 dBm								
-10 dBm								
				$\mathbf{X}$				
-20 dBm		$\overline{\mathcal{N}}$				1		
-30 dBm	/	/ ·		A				
-40 dBm				<u> </u>				
					$\sim$	K		
-50 dBm						+		
-60 dBm								
813.3 MHz			1001 pts		280.0 kHz/			816.1 MH
2 Result Summ	iary							
Sub Block A			r 814.70 MHz	Tx Bandw	wer 23.20 dBm idth 1.400 MHz			0.000 kHz Non
Range Lo -1.400 MF	lz -737	ange Up 1.500 kHz	100.000 kHz	Frequency 813.96110 MI		im -41.8	er Rel	ΔLimit -5.68 dB
-737.500 kH 700.000 kH	lz -700	1.000 kHz 1.500 kHz	20.000 kHz 20.000 kHz	813.99856 MI 815.40144 MI	lz -23.73 dB lz -51.19 dB	im -46.9 im -74.3	39 d B	-4.00 dB -31.46 dB
737.500 kH	lz 1.	400 MHz	100.000 kHz	816.09860 MI	lz -39.62 dB	im -62.8	31 dB	-26.62 dB
Date: 19.SEP.201	~		C	Channel Low-1	RB#			▽
MultiView 8	~		Mode Auto FFT	Channel Low-1	RB#			⊽ Count 100/100
MultiView P Ref Level 33.0	B Spectrum				RB#			
MultiView 8 Ref Level 33.0	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView E Ref Level 33.0 1 Spectrum En 30 dBmLimit Che	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView Ref Level 33.0 I Spectrum En 30 dBmLimit Che P<200	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView P Ref Level 33.0 I Spectrum En 30 dBmLinait Che P<200 20 dBm 10 dBm	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView 9 Ref Level 33.0 I Spectrum En 30 dBmLimit Che P<200 20 dBm 10 dBm 0 dBm	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView P Ref Level 33.0 I Spectrum En 30 dBmLinait Che P<200 20 dBm 10 dBm	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView 9 Ref Level 33.0 I Spectrum En 30 dBmLimit Che P<200 20 dBm 10 dBm 0 dBm	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView P Ref Level 33.0 I Spectrum En 30 dBmLinit Che P<200 20 dBm 10 dBm -10 dBm	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView         P           Ref Level         33.0           I Spectrum En         30 dBmLinit Che           30 dBmLinit Che         P<200	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView P Ref Level 33.0 1 Spectrum En 30 damLimit Cha P<200 20 dBm 10 dBm -10 dBm -20 dBm	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView         P           Ref Level         33.0           I Spectrum En         30 dBmLinit Che           30 dBmLinit Che         P<200	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView         P           Ref Level         33.0           1         Spectrum En           30         dBmLimit Che           90         dBm           10         dBm           -10         dBm           -20         dBm           -30         dBm           -30         dBm           -50         dBm	B Spectrum		Mode Auto FFT		RB#			Count 100/100
MultiView         E           Ref Level 33.0         30.0           10 dbm         P<200	B Spectrum		Mode Auto FFT					Count 100/100 © 1Rm Avg
MultiView         P           Ref Level         33.0           1         Spectrum En           30         dBmLimit Che           90         dBm           10         dBm           -10         dBm           -20         dBm           -30         dBm           -30         dBm           -50         dBm	Spectrum OdBm Offset nission Mask ck		Mode Auto FFT		RB#			Count 100/100
MultiView         E           Ref Level 33.0         1 Spectrum En           30 dsmLinate Cha         P < 200	Spectrum OdBm Offset nission Mask ck	: 8.00 dB	Mode Auto FFT	Tx Po	280.0 kHz/ wer 22.97 dBm		RBW 2	Count 100/100
MultiView P Ref Level 33.0 1 Spectrum Fn 30 dBmLimit Che P<200 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm -60 dBm -2 Result Summ Sub Block A Range Loo	Spectrum OdBm Offset nission Mask dk nary w   Ra	Cente	Mode Auto FFT PASE PASE PASE PASE PASE PASE PASE PASE	Tx Po	280.0 kHz/		er Rel	Count 100/100 IRm Avg
MultiView         Perfective           Ref Level 33.0         30 dBmLinni Che P<200	B Spectrum D dBm Offset iission Mask dk iission Mask dk iission Mask dk w Ra 12 -730	E 8.00 dB	Mode Auto FFT PAS	Tx Po Tx Bandw Frequency 821,98562 MI 822,98562 MI	280.0 kHz/ 280.0 kHz/ wer 22.97 dBm idth 1.400 MHz Power Ab tz -38.71 dB tz -32.43 dB	im -61.6 im -75.4	er Rel 59 dB 11 dB	Count 100/100 IRm Avg  IRm Avg  Span 2.8 MH  C.0000 kHz  ALimit  -25.71 dB
MultiView           Ref Level 33.0           1 Spectrum En           30 dem Limit Chi           30 dem Limit Chi           30 dem Limit Chi           30 dem Limit Chi           10 dem           10 dem           -20 dem           -20 dem           -30 dem           -30 dem           -50 dem           -60 dem           CF 823.3 MHz           2 Result Summ           Sub Block A           Range Loo           -1.400 MH	Spectrum OdBm Offset  ission Mask de  hary  w Ra  12 -737 12 -707	Cente	Mode Auto FFT PASS PASS PASS PASS PASS PASS PASS PAS	Tx Po Tx Bandw Frequency 821.98562 MU	280.0 kHz/ 280.0 kHz/ wer 22.97 dBm idth 1.400 MHz Power 44 z -38.71 dB z -32.43 dB	6m -61.6 6m -75.4 6m -46.6	er Rel 59 dB 11 dB 50 dB	Count 100/100
MultiView           Ref Level 33.0           1           30 dem Limit Che           10 dem           10 dem           -20 dem           -10 dem           -20 dem           -30 dem           -30 dem           -60 dem           CF 823.3 MHz           2 Result Summ           Sub Block A           Range Loo           -1,400 MH           -737.500 kt	Spectrum OdBm Offset  ission Mask de  hary  w Ra  12 -737 12 -707	Cente ange Up .500 kHz .500 kHz	Mode Auto FFT  PAS  PAS  PAS  PAS  PAS  PAS  PAS  PA	Tx Po Tx Po Tx Bandw Frequency 821.98562 M 822.59856 M 824.00144 M	280.0 kHz/ 280.0 kHz/ wer 22.97 dBm idth 1.400 MHz Power 44 z -38.71 dB z -32.43 dB	5m -61.6 5m -75.4 5m -46.6 5m -50.8	er Rel 59 dB 11 dB 50 dB	Count 100/100 0 1Rm Avg 0 1Rm A
MultiView           Ref Level 33.0           1           30 dem Limit Che           10 dem           10 dem           -20 dem           -10 dem           -20 dem           -30 dem           -30 dem           -60 dem           CF 823.3 MHz           2 Result Summ           Sub Block A           Range Loo           -1,400 MH           -737.500 kt	B Spectrum D dBm Offset iission Mask dk iission Mask dk dk iission Mask dk dk dk dk dk dk dk dk dk d	Cente ange Up .500 kHz .500 kHz	Mode Auto FFT  PAS  PAS  PAS  PAS  PAS  PAS  PAS  PA	Tx Po Tx Po Tx Bandw Frequency 821.98562 M 822.59856 M 824.00144 M	280.0 kHz/ 280.0 kHz/ wer 22.97 dBm idth 1.400 MHz Power 44 z -38.71 dB z -32.43 dB	5m -61.6 5m -75.4 5m -46.6 5m -50.8	er Rel 59 dB 11 dB 50 dB 31 dB	Count 100/100 IRm Avg    IRm Avg    IRm Avg     IRm Avg     IRm Avg     IRm Avg     IRm Avg     IRm Avg     IRm Avg     IRm Avg     IRm Avg     IRm Avg     IRm Avg     IRm Avg     IRm Avg     IRm Avg      IRm Avg      IRm Avg      IRm Avg       IRm Avg       IRm Avg          IRm Avg

MultiView	Spectrum											
		: 8.00 dB		Mode Auto FFT								100/100
1 Spectrum En 30 dBmLimit Che				PAS	S							Rm Avg
P<200												
20 dBm												
10 dBm							-					
0 dBm				$\sim$								
				/								
-10 dBm			_/									
-20 dBm												
-30 dBm										~~		
-40 dBm												
-50 dBm												
-60 dBm												
813.3 MHz				1001 pts			280.0 kHz/				01	6.1 MHz
2 Result Summ	nary			· · · · ·	•							
Sub Block A			ter 8	14.70 MHz		Bandwidth	22.41 dBm 1.400 MHz				20.000 kH	None
Range Lo -1.400 MH	-737	ange Up 7.500 kHz		RBW 100.000 kHz	813.96:	uency 10 MHz	Power Abs -22.80 dBi	n -	Power   45.21	dB	۵Lir <b>-9.8</b> 0	) dB
-737.500 kH 700.000 kH	Hz -700	1.000 kHz 1.500 kHz		20.000 kHz 20.000 kHz	813.998 815.40	856 MHz 144 MHz	-29.32 dBı -28.95 dBı	n -	51.73 51.36		-9.59 -9.22	∂dB 2dB
737.500 k⊦		400 MHz		100.000 kHz	815.43	890 MHz	-24.91 dBi		47.32		-11.9	L dB
Date: 19.SEP.201 MultiView	Spectrum				nannel Lo	w-Full R	B#					▽
MultiView 8 Ref Level 33.0	Spectrum			CI Mode Auto FFT	nannel Lo	w-Full R	B#					100/100
MultiView E Ref Level 33.0 1 Spectrum En 30 dBmLimit Che	B Spectrum					w-Full R	B#					
MultiView B Ref Level 33.0	B Spectrum		1	Mode Auto FFT		w-Full R	B#					⊽
MultiView 8 Ref Level 33.0 1 Spectrum En 30 demLimit Che P<200 20 dem	B Spectrum			Mode Auto FFT		w-Full R	B#					⊽
MultiView Ref Level 33.0 1 Spectrum En 30 dBmLimit Che P<200	B Spectrum			Mode Auto FFT		w-Full R	B#					⊽
MultiView 8 Ref Level 33.0 1 Spectrum En 30 demLimit Che P<200 20 dem	B Spectrum			Mode Auto FFT		w-Full R	B#					⊽
MultiView P Ref Level 33.0 1 Spectrum En 30 dBmLimit Che P<200 20 dBm 10 dBm	B Spectrum			Mode Auto FFT		w-Full R	B#					⊽
MultiView P Ref Level 33.0 1 Spectrum En 30 dBmLinni Che P<200 20 dBm 10 dBm -10 dBm	B Spectrum			Mode Auto FFT		w-Full R	B#					⊽
MultiView         E           Ref Level         33.0           1 Spectrum En         30 dbmLindt Cha           30 dbmLindt Cha         P<200	B Spectrum			Mode Auto FFT		w-Full R	B#					⊽
MultiView P Ref Level 33.0 1 Spectrum En 30 dBmLinni Che P<200 20 dBm 10 dBm -10 dBm	B Spectrum			Mode Auto FFT		w-Full R	B#					⊽
MultiView         E           Ref Level         33.0           1 Spectrum En         30 dbmLindt Cha           30 dbmLindt Cha         P<200	B Spectrum	8.00 dB		Mode Auto FFT		w-Full R	B#					⊽
MultiView         P           Ref Level         33.0           1         Spectrum En           30         dBmLinit Che           92         0dBm           10         dBm           -10         dBm           -20         dBm           -30         dBm	B Spectrum	8.00 dB		Mode Auto FFT		w-Full R	B#					⊽
MultiView         P           Ref Level         33.0           1         Spectrum En           30         dBmLimit Che           90         dBm           10         dBm           10         dBm           -10         dBm           -20         dBm           -30         dBm           -50         dBm	B Spectrum	8.00 dB		Mode Auto FFT		w-Full R	B#					⊽
MultiView         E           Ref Level 33.0         1           30 dem Limit Chie         P<200	B Spectrum	8.00 dB		Mode Auto FFT	S							[ ▼ 100/100 Rm Avg
MultiView         E           Ref Level 33.0         1 Spectrum En           30 dbmLindt Cha         P<200	Spectrum O dBm Offset iission Mask cc	8.00 dB		Mode Auto FFT	S		B#					[ ▼ 100/100 Rm Avg
MultiView         E           Ref Level 33.0         1           30 dem Limit Chie         P<200	Spectrum O dBm Offset iission Mask cc	8.00 dB		Mode Auto FFT	S	Tx Power	22.40 dBm			RBW		2.8 MHz
MultiView P Ref Level 33.0 1 Spectrum En 30 dsm Limit Che P<200 20 dsm 10 dsm -10 dsm -20 dsm -30 dsm -30 dsm -50 dsm -60 dsm -60 dsm -60 dsm -2 Result Summ Sub Block A Range Lo	B Spectrum D dBm Offset nission Mask dk	Cen		Mode Auto FFT PAS PAS 1001 pts 23.30 MHz RBW	s s j Frec	Tx Power Bandwidth uency	22.40 dBm 1.400 MHz Power Abs	s	Powerl	Rel	• 1	2.8 MHz
MultiView         Prescretation           Ref Level 33.0         33.0           10 dBm         30.0           10 dBm         0.0           10 dBm         0.0           -20 dBm         0.0           -30 dBm         -0.0           -30 dBm         -0.0           -20 dBm         -0.0           -20 dBm         -0.0           -30 dBm         -0.0           -40 dBm         -0.0           -50 dBm         -0.0           -50 dBm         -0.0           -60 dBm         -0.0           -70 dBm         -7.0           -7.0         -7.0	B Spectrum 0 dBm Offset iission Mask dk ary w Ri 12 -730	Cen mage Up .500 kHz .500 kHz		Mode Auto FFT PAS	s	Tx Power Bandwidth uency 10 MHz 556 MHz	22.40 MHz 22.40 MHz Power Abs -23.68 dBm -29.74 dBm		Power1 46.08 52.14	Rel dB dB	•1	2.8 MH; 12 2.8 MH; 12 12 14 14 14 14 14 14 14 14 14 14
MultiView           Ref Level 33.0           1 Spectrum En           30 dem Linait Chie           30 dem Linait Chie           30 dem Linait Chie           9 dem Linait Chie           10 dem           10 dem           0 dem           -20 dem           -20 dem           -30 dem           -40 dem           -50 dem           -60 dem           CF 823.3 MHz           2 Result Summ           Sub Block A           Range Lo           -1.400 MH	Spectrum OdBm Offset  ission Mask de	Cen ange Up .500 kHz		Mode Auto FFT PAS PAS 1001 pts 23.30 MHz RBW 100.000 KHz	s	Tx Power Bandwidth uency 110 MHz	22.40 dBm 1.400 MHz Power Abs -23.68 dBi	n - n -	Power 1	Rel dB dB dB	Span 20.000 kH ALii -10.6 -10.0 -13.70	2.8 MH: 12 2.8 MH: 12 7 dB 13 dB 5 dB
MultiView           Ref Level 33.0           1           30 dem Limit Che           30 dem Limit Che           30 dem Limit Che           20 dem           10 dem           0 dem           10 dem           -20 dem           -30 dem           -40 dem           -50 dem           -60 dem           CF 823.3 MHz           2 Result Summ           Sub Block A           Range Loo           -1,400 MH           -737.500 kH	Spectrum OdBm Offset  ission Mask de	E 8,00 dB		Mode Auto FFT PAS	s	Tx Power Bandwidth uency 10 MHz 44 MHz	23.68 dBm 	n - n -	Power1 46.08 52.14 52.81 49.17	Rel dB dB dB	Span 20.000 kF ALi -10.67 -10.03 -13.77	2.8 MH; 2.8 MH; 2.8 MH; 12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15
MultiView           Ref Level 33.0           1           30 dem Limit Che           30 dem Limit Che           30 dem Limit Che           20 dem           10 dem           0 dem           10 dem           -20 dem           -30 dem           -40 dem           -50 dem           -60 dem           CF 823.3 MHz           2 Result Summ           Sub Block A           Range Loo           -1,400 MH           -737.500 kH	B Spectrum 0 dBm Offset iission Mask ck arry w Rr 12 -737 12 -700 12 737 12 1	E 8,00 dB		Mode Auto FFT PAS	s	Tx Power Bandwidth uency 10 MHz 44 MHz	23.68 dBm 	n - n - n -	Power1 46.08 52.14 52.81 49.17	Rel dB dB dB dB dB	Span 20.000 kF ALi -10.67 -10.03 -13.77	2.8 MH2 2.8 MH2 Z.8 MH2 Z.

Ref Level 33.00 dB	pectrum		Mode Auto FF						
		8.00 UD	Mode Autorn						Count 100/100 IRm Avg
1 Spectrum Emissio 30 dBmLimit Check			PA	ss					UTRIT AVG
P<200 20 dBm									
20 080									
10 dBm									
0 dBm			-						
-10 dBm									
		$\neg$							
-20 dBm							V		
-30 dBm					A				
-40 dBm									
						$\downarrow$			
-50 dBm									~
-60 dBm									
813.3 MHz			1001 p	ts	2	280.0 kHz/			816.1 MH
2 Result Summary Sub Block A		Cente	er 814.70 MHz		Tx Power	22,61 dBm		RBW	20.000 kHz
Range Low	Rar	nge Up	RBW	T) Erec	< Bandwidth	1.400 MHz	- Pos	ver Rel	Non ΔLimit
-1.400 MHz -737.500 kHz	-737.5	500 kHz 500 kHz	100.000 kHz 20.000 kHz		uency 110 MHz 856 MHz	Power Abs -19.04 dBi -24.33 dBi	n -41. n -46	65 dB 93 dB	-6.04 dB -4.60 dB
700.000 kHz 737.500 kHz	737.5	500 kHz 500 kHz 100 MHz	20.000 kHz 20.000 kHz 100.000 kHz	815.40	144 MHz 087 MHz	-52.90 dBi -40.47 dBi	n -75.	51 dB 07 dB	-33.17 dB -27.47 dB
							Measuring		19.09.201 16:55:0
Date: 19.SEP.2017 16: MultiView 😁 S	:55:07 pectrum			Channel I	_ow-1RB	#			
MultiView 😁 S Ref Level 33.00 dB	<b>pectrum</b> m Offset 8	8.00 dB	Mode Auto FF		_ow-1RB	#			Count 100/100
MultiView B Ref Level 33.00 dB 1 Spectrum Emissio 30 dBmLimit Check	<b>pectrum</b> m Offset 8	8.00 dB	Mode Auto FF	-	_ow-1RB	#			
MultiView S Ref Level 33.00 dBi 1 Spectrum Emissio 30 dBmLimit Check P<200	<b>pectrum</b> m Offset 8	8.00 dB		-	_ow-1RB	#			Count 100/100
MultiView B Ref Level 33.00 dB 1 Spectrum Emissio 30 dBmLimit Check	<b>pectrum</b> m Offset 8	8.00 dB		-	_ow-1RB	#			Count 100/100
MultiView S Ref Level 33.00 dBi 1 Spectrum Emissio 30 dBmLimit Check P<200	<b>pectrum</b> m Offset 8	8.00 dB		-	_ow-1RB	#			Count 100/100
MultiView BS Ref Level 33.00 dBr 1 Spectrum Emissio 30 dBmLimit Check P<200 20 dBm	<b>pectrum</b> m Offset 8	8.00 dB		-	_ow-1RB	#			Count 100/100
MultiView S Ref Level 33.00 dBi Spectrum Emissio 30 dBm Limit Check. P<200 20 dBm 10 dBm	<b>pectrum</b> m Offset 8	8.00 dB		-	-ow-1RB	#			Count 100/100
MultiView S Ref Level 33.00 dBi Spectrum Emissio 30 dBmLimit Chelck P<200 20 dBm 10 dBm -10 dBm	<b>pectrum</b> m Offset 8	8.00 dB		-	_ow-1RB	#			Count 100/100
MultiView B S Ref Level 33.00 dBi 1 Spectrum Emissio 30 dBm 20 dBm 0 dBm 0 dBm	<b>pectrum</b> m Offset 8	8.00 dB		-	_ow-1RB	#			Count 100/100
MultiView S Ref Level 33.00 dBi Spectrum Emissio 30 dBmLimit Chelck P<200 20 dBm 10 dBm -10 dBm	<b>pectrum</b> m Offset 8	8.00 dB		-	_ow-1RB	#			Count 100/100
MultiView         S           Ref Level 33.00 dBi         1           1 Spectrum Emission         30 dBm	<b>pectrum</b> m Offset 8	8.00 dB		-	-ow-1RB	#			Count 100/100
MultiView         S           Ref Level 33.00 dBi         1           1         Spectrum Emission           30 dBm_imit Chalck         P<200	<b>pectrum</b> m Offset 8	8.00 dB		-	-ow-1RB	#			Count 100/100
MultiView         S           Ref Level 33.00 dBi         30 dBmLimit Check.           P<200	<b>pectrum</b> m Offset 8	8.00 dB		-	-ow-1RB	#			Count 100/100
MultiView         S           Ref Level 33.00 dBi         1           1         Spectrum Emission           30 dBm_imit Chalck         P<200	<b>pectrum</b> m Offset 8	8.00 dB		-	_ow-1RB	#			Count 100/100
MultiView         S           Ref Level 33.00 dBi         1           Spectrum Emission         30 dBm	<b>pectrum</b> m Offset 8	8.00 dB		ss		#			Count 100/100
MultiView         S           Ref Level 33.00 dBi         1           1 Spectrum Emission         30 dBm	<b>pectrum</b> m Offset 8			SS	Tx Power	22.17 dBm		RBW	Count 100/100
MultiView S Ref Level 33.00 dBi Spectrum Emissio 30 dBmLimit Check P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm CF 823.3 MHz 2 Result Summary Sub Block A	pectrum m Offset 8			ss ss ss ss ss ss ss ss ss ss ss ss ss	Tx Power K Bandwidth Juency	22.17 dBm 1.400 MHz Power Abs		ver Rel	Count 100/100 IRm Avg
MultiView S Ref Level 33.00 dBi 1 Spectrum Emissio 30 dBm_inuit Check P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -10 dBm -	pectrum m Offset 8 on Mask	Cente 500 kHz	1001 p 1001 p r 823.30 MHz 100.000 kHz	ss ss ts ts Free 821.959	Tx Power Kandwidth uency 193 MHz 856 MHz	280.0 kHz/ 22.17 dBm 1.400 MHz Power Abs - <b>-39.22 dB</b> i	n -61. n -75.	ver Rel 39 dB 77 dB	Count 100/100 91Rm Avg 100/100 91Rm Avg 100/100 100/
MultiView         S           Ref Level 33.00 dBi         I           Spectrum Emission         30 dBm Limit Charlet           30 dBm Limit Charlet         P<200	pectrum m Offset 8 on Mask	Cente nge Up 500 kHz 500 kHz 500 kHz	1001 p 1001 p 1000 kHz 20.000 kHz 20.000 kHz	ss ss ss ss ss ss ss ss ss ss ss ss ss	Tx Power Kandwidth Juency 193 MHz 194 MHz	22.17 dBm 1.400 MHz / 23.22 dBm 39.22 dBm 39.22 dBm 39.55 dBm	n -61. n -75. n -47.	ver Rel 39 dB 77 dB 76 dB	Count 100/100 • IRm Avg IRm Avg Span 2.8 MH 20.000 kHz Non ΔLimit -26.23 dB -33.87 dB -5.86 dB
MultiView         Signature           Ref Level 33.00 dBi         10 dBm           10 dBm         0           -10 dBm         0           -20 dBm         0           -30 dBm         0           -40 dBm         0           -50 dBm         0           -60 dBm         0           -60 dBm         0           -60 dBm         0           -737.500 kHz         0           -737.500 kHz         0           -737.500 kHz         0	pectrum m Offset 8 on Mask	Cente nge Up 500 kHz	1001 p 1001 p 1000 kHz 20.000 kHz	ss ss ss ss ss ss ss ss ss ss ss ss ss	Tx Power Kandwidth uency 193 MHz 856 MHz	22.17 dBm 1.400 MHz Power Abs -39.22 dBi -53.60 dBi	n -61. n -75. n -47.	ver Rel 39 dB 77 dB 76 dB 62 dB	Count 100/100 91Rm Avg
MultiView         S           Ref Level 33.00 dBi         I           Spectrum Emission         30 dBm Limit Charlet           30 dBm Limit Charlet         P<200	Pectrum m Offset 8 m Mask	Cente nge Up 500 kHz 500 kHz 500 kHz	1001 p 1001 p 1000 kHz 20.000 kHz 20.000 kHz	ss ss ss ss ss ss ss ss ss ss ss ss ss	Tx Power Kandwidth Juency 193 MHz 194 MHz	22.17 dBm 1.400 MHz / 23.22 dBm 39.22 dBm 39.22 dBm 39.55 dBm	n -61. n -75. n -47. n -50.	ver Rel 39 dB 77 dB 76 dB 62 dB	Count 100/100

	ectrum									
Ref Level 33.00 dBm		10 dB	Mode Auto FFT						Count 1	
1 Spectrum Emissior 30 dBmLimit Check	Mask		PAS	5					• 1	Rm Avg
P<200 20 dBm										
20 000										
10 dBm										
0 dBm			(							
-10 dBm		_	1							
-20 dBm		$\mathbb{N}$								
		1/								
-30 dBm		$\nu$							~_	~
-40 dBm										_
-50 dBm										
-60 dBm										
813.3 MHz			1001 pts	;	s	280.0 kHz/			81	5.1 MHz
2 Result Summary Sub Block A		Center C	314.70 MHz		Tx Power			DBW	20.000 kH	
Range Low	Range		RBW		Bandwidth uency	1.400 MHz	s   c	ower Rel	20.000 kH.	None
-1.400 MHz -737.500 kHz	-737.500	D kHz	100.000 kHz 20.000 kHz	813.961	LIO MHZ S56 MHZ	Power Ab: -24.53 dB -31.32 dB	m -4 m -5	6.00 dB 2.78 dB	-11.53 -11.59	dB
700.000 kHz 737.500 kHz	737.50	) kHz	20.000 kHz 20.000 kHz 100.000 kHz		L44 MHz	-30.53 dB -28.49 dB	m -5	1.99 dB 9.96 dB	-10.80 -15.49	dB
			Cł	nannel Lo	w-Full R	B#				
Adde: 19.SEP.2017 16:5 MultiView B Sp Ref Level 33.00 dBrr	ectrum	00 dB	Cr Mode Auto FFT	nannel Lo	w-Full RI	B#			Count 1	▽
MultiView B Sp Ref Level 33.00 dBm	ectrum Offset 8.0	no dB			w-Full R	B#			Count 1	
MultiView (B) Sp Ref Level 33.00 dBr I Spectrum Emission 30 den Limit Check P<200	ectrum Offset 8.0	Jo dB	Mode Auto FFT		w-Full R	B#				00/100
MultiView (B) Sp Ref Level 33.00 dBr I Spectrum Emission 30 dBr Limit Check P<200	ectrum Offset 8.0		Mode Auto FFT		w-Full R	B#				00/100
MultiView (F) Sp Ref Level 33.00 dBm I Spectrum Emission 30 dBmLimit Chdck P<200 20 dBm	ectrum Offset 8.0	db 00	Mode Auto FFT		w-Full R	B#				00/100
MultiView B Sp Ref Level 33.00 dBm I Spectrum Emission 30 dBm Limit Churck P<200 20 dBm 10 dBm	ectrum Offset 8.0		Mode Auto FFT		w-Full R	B#				00/100
MultiView (F) Sp Ref Level 33.00 dBm L Spectrum Emission 30 dem Limit Chefek	ectrum Offset 8.0		Mode Auto FFT		w-Full R	B#				00/100
MultiView Sp Ref Level 33.00 dBm I Spectrum Emission 30 dBnLimit Chdck P<200 20 dBm 10 dBm 0 dBm	ectrum Offset 8.0		Mode Auto FFT		w-Full R	B#				00/100
MultiView         Sp           Ref Level 33.00 dBm         ISpectrum Emission           30 dBm_Linit Chdrk         P<200	ectrum Offset 8.0		Mode Auto FFT		w-Full R	B#				00/100
MultiView Sp Ref Level 33.00 dBr I Spectrum Emission 30 dBr Limit Check P<200 20 dBr 10 dBr -10 dBr -20 dBr	ectrum Offset 8.0		Mode Auto FFT		w-Full R	B#				00/100
MultiView         Sp           Ref Level 33.00 dBm         ISpectrum Emission           30 dBm_Limit Chack         P<200	ectrum Offset 8.0		Mode Auto FFT		w-Full R	B#				00/100
MultiView         Sp           Ref Level 33.00 dBm         I           I Spectrum Emission         30 dBm Limit Check           P<200	ectrum Offset 8.0		Mode Auto FFT		w-Full R	B#				00/100
MultiView Sp Ref Level 33.00 dBr I Spectrum Emission 30 dBr Limit Chick P<200 20 dBr 10 dBr 0 dBr -10 dBr -20 dBr	ectrum Offset 8.0		Mode Auto FFT		w-Full R	B#				00/100
MultiView         Sp           Ref Level 33.00 dBm         I           10 dBm         0           10 dBm         0           -20 dBm         0           -30 dBm         0           -50 dBm         0           -60 dBm         0	ectrum Offset 8.0		Mode Auto FFT	5		B#				00/100
MultiView Sp Ref Level 33.00 dBm I Spectrum Emission 30 dBm Limit Chuck P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -72 Result Summary	ectrum Offset 8.0		Mode Auto FFT	5	Tx Power	21.38 dBm		RBW		2.8 MHz
MultiView B Sp Ref Level 33.00 dBm I Spectrum Emission 30 dBm Limit Chuck P<200 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -72 Result Summary Sub Block A Range Low	Pectrum Offset 8.0 Mask	Center &	Mode Auto FFT PAS PAS 1001 pts 323.30 MHz RBW	S S S S S S S S S S S S S S S S S S S	Tx Power Bandwidth uency	21.38 dBm 1.400 MHz Power Ab:		ower Rel	© 1; 	2.8 MHz
MultiView Sp Ref Level 33.00 dBm I Spectrum Emission 30 dBm Limit Chuck P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -70 dBm -70 Zesult Summary Sub Block A Range Low -1.400 MHz -737.500 kHz	Pectrum Offset 8.0 Mask	Center 8 E Up   0 kHz 0 kHz	Mode Auto FFT PAS	S	Tx Power Bandwidth uency 10 MHz 55 6 MHz	280.0 kHz/ 21.38 dBm 1.400 MHz Power Ab -25.07 dB -31.50 dB	m -4 m -5	ower Rel 6.45 dB 2.89 dB	© 1F	2.8 MHz z Mit dB
MultiView B Sp Ref Level 33.00 dBm I Spectrum Emission 30 dBm	Pectrum Offset 8.0 Mask	Center &	Mode Auto FFT PAS	5	Tx Power Bandwidth uency 10 MHz 36 HHz	21.38 dBm 1.400 MHz Power Ab	m -4 m -5 m -5	ower Rel 6.45 dB	<ul> <li>• 1;</li> <li>Span :</li> <li>20.000 kH;</li> <li>ALim</li> <li>-12.06</li> <li>-11.77</li> <li>-11.72</li> <li>-16.48</li> </ul>	2.8 MHz z MHz dB dB dB
MultiView         Sp           Ref Level 33.00 dBm           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -20 dBm           -50 dBm           -60 dBm           -70 dBm           -71,400 MHz           -737,500 kHz           700.000 kHz	Pectrum Offset 8.C Mask	Center &	Mode Auto FFT  PAS  PAS  PAS  PAS  PAS  PAS  PAS  PA	S Tx Freq 822.503 822.501	Tx Power Bandwidth uency 10 MHz 36 HHz	21.38 dBm 1.400 MHz -25.07 dB -31.45 dB	m -4 m -5 m -5	Power Rel 6.45 dB 2.89 dB 2.83 dB 0.87 dB	Span:       Span:       1       20.000 kH:       ALint       -11.77       -11.72       -16.48	2.8 MHz z None iit dB dB
MultiView         Sp           Ref Level 33.00 dBm           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -20 dBm           -50 dBm           -60 dBm           -70 dBm           -71,400 MHz           -737,500 kHz           700.000 kHz	Pectrum Offset 8.0 Mask	Center &	Mode Auto FFT  PAS  PAS  PAS  PAS  PAS  PAS  PAS  PA	S Tx Freq 822.503 822.501	Tx Power Bandwidth uency 10 MHz 44 MHz	21.38 dBm 1.400 MHz -25.07 dB -31.45 dB	m -4 m -5 m -5 m -5	Power Rel 6.45 dB 2.89 dB 2.83 dB 0.87 dB	Span:       Span:       1       20.000 kH:       ALint       -11.77       -11.72       -16.48	2.8 MHz z none iit dB dB dB dB dB



Ref Level 33.00 dBm	Ĺ	Mada 0 · O				
		Mode Auto Sweep				Count 100/10
1 Spectrum Emission 30 dBmLimit Check	Mask	PASS				●1Rm Av
P<200						
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	monorth				Manner	man my more man
-40 dBm						
-50 dBm						
-60 dBm				++		
812.5 MHz		1001 pts		500.0 kHz/		818.5 MI
2 Result Summary	_	•		· · · · · · · · · · · · · · · · · · ·		
Sub Block A		nter 815.50 MHz	Tx Bandwidth			RBW 10.000 kHz No
Range Low -3.000 MHz	Range Up -1.538 MHz	100.000 kHz	Frequency 813.95899 MHz	Power Abs -28.23 dBm	Power   -50.30	Rel <u>ALimit</u> dB -15.17 dB
-1.538 MHz 1.500 MHz	-1.500 MHz 1.538 MHz	30.000 kHz 30.000 kHz	813.99683 MHz 817.00317 MHz	-28.27 dBm -29.32 dBm		
1.538 MHz	3.000 MHz	100.000 kHz	817.04101 MHz	-28.09 dBm	-50.15	
MultiView 🕮 Spe	ectrum		annel Low-Full R	B#	Measuring 🔳	16:45:
Date: 19.SEP.2017 16:45 MultiView 33.00 dBm Ref Level 33.00 dBm	ectrum	Ch Mode Auto Sweep		B#	measuring	
MultiView 🕀 Spo Ref Level 33.00 dBm 1 Spectrum Emission	ectrum Offset 8.00 dB	Mode Auto Sweep		B#	measuring	
MultiView 😁 Spa Ref Level 33.00 dBm	ectrum Offset 8.00 dB			B#	Measuring	Count 100/10
MultiView 🕀 Spe Ref Level 33.00 dBm 1 Spectrum Emission 30 dbmLindt Check	ectrum Offset 8.00 dB	Mode Auto Sweep		B#		Count 100/10
MultiView B Spr Ref Level 33.00 dBm 1 Spectrum Emission 30 dBmLimit Check P<200	ectrum Offset 8.00 dB	Mode Auto Sweep		B#		Count 100/10
MultiView 3 Spe Ref Level 33.00 dBm 1 Spectrum Emission 30 dBmLimit Chelck P<200 20 dBm 10 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep		B#		Count 100/10
MultiView B Spe Ref Level 33.00 dBm 1 Spectrum Emission 30 dBmLimit Chdck P<200 20 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep				Count 100/10
MultiView 3 Spe Ref Level 33.00 dBm 1 Spectrum Emission 30 dBmLimit Chelck P<200 20 dBm 10 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep				Count 100/10
MultiView         Spe           Ref Level         33.00 dBm           1         Spectrum Emission           30 dBm_Limit Check         P<200	ectrum Offset 8.00 dB	Mode Auto Sweep				Count 100/10
MultiView Spe Ref Level 33.00 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep				Count 100/10
MultiView         Spe           Ref Level         33.00 dBm           1         Spectrum Emission           30 dBm_Limit Check         P<200	ectrum Offset 8.00 dB	Mode Auto Sweep				Count 100/10 © 1Rm Av
MultiView         Spr           Ref Level 33.00 dBm         1           Spectrum Emission         30 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep				Count 100/10
MultiView         Spr           Ref Level 33.00 dBm         1           30 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep				Count 100/10 © 1Rm Av
MultiView         Spe           Ref Level         33.00 dBm           10 dBm         0 dBm           10 dBm         0 dBm           -10 dBm         -20 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep				Count 100/10 © 1Rm Av
MultiView         Spr           Ref Level 33.00 dBm         1           30 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep				Count 100/10 © 1Rm Av
MultiView         Spe           Ref Level 33.00 dBm         30 dBm           10 dBm         9<200	ectrum Offset 8.00 dB	Mode Auto Sweep				Count 100/10 © 1Rm Av
MultiView         Spe           Ref Level 33.00 dBm         1           10 dBm         20 dBm           10 dBm         -           -20 dBm         -           -30 dBm         -           -50 dBm         -           -50 dBm         -           -20 dBm         -           -22 dBm         -           -20 dBm         -           -30 dBm         -           -20 dBm         -      -	ectrum Offset 8.00 dB	Mode Auto Sweep		500.0 kHz/		Count 100/10 © 1Rm Av
Multiview         Spe           Ref Level 33.00 dBm         30 dBm_Linit Chack           30 dBm_Linit Chack         P<200	ectrum Offset 8.00 dB	Mode Auto Sweep	Tx Power Tx Bandwidth	22.06 dBm 3.000 MHz		Count 100/10 © 1Rm Av © 1Rm Av 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
MultiView B Spr Ref Level 33.00 dBm 1 Spectrum Emission 30 dBm Initi Check P<200 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -80 dBm -80 dBm -80 dBm -80 dBm -90 dBm -	ectrum Offset 8.00 dB Mask	Mode Auto Sweep PASS PASS Note: 1001 pts RBW	Tx Power Tx Bandwidth Frequency Mtz	22.06 dBm 3.000 MHz/ 22.06 dBm 3.000 MHz -29.13 dBm		Count 100/10 © 1Rm Av ©
MultiView         Spe           Ref Level 33.00 dBm         30 dBm           30 dBm         20 dBm           10 dBm         0           -20 dBm	ectrum Offset 8.00 dB Mask	Mode Auto Sweep PASS PASS Note: The second s	Tx Power Tx Bandwidth Frequency 820.95883 MHz	22.06 dBm 3.000 MHz / 22.06 dBm 3.000 MHz Power Abs -29.13 dBm -28.76 dBm	Power 1 -51.19 -50.83	Count 100/10 Count 100/10 IRM AV IRM AV Span 6.0 Ml RBW 10.000 kHz Rel ALimit dB -16.16 dB
MultiView         Spr           Ref Level 33.00 dBm         30 dBm           30 dBm         9<200	ectrum Offset 8.00 dB Mask	Mode Auto Sweep PASS PASS Note: 1001 pts RBW 100.000 kHz	Tx Power Tx Bandwidth Frequency Mtz	22.06 dBm 3.000 MHz/ 22.06 dBm 3.000 MHz -29.13 dBm	Power   -51.19 -50.83 -51.73	Count 100/10 Count 100/10 Co
MultiView         Spe           Ref Level 33.00 dBm         30 dBm           30 dBm         9<200	ectrum Offset 8.00 dB Mask	Mode Auto Sweep           PASS	Tx Power Tx Bandwidth Frequency 820.99683 MHz 820.99683 MHz 820.99683 MHz	22.06 dBm -29.13 dBm -29.73 dBm -29.76 dBm -29.76 dBm	Power   -51.19 -50.83 -51.73	Count 100/10 Count 100/10 Co

MultiView 🗄 Spe	ctrum							$\bigtriangledown$
Ref Level 33.00 dBm	Offset 8.00 df	3 Mode Auto S	weep					
1 Spectrum Emission N	Mask							Count 100/100 1Rm Avg
30 dBmLimit Check P<200		F	ASS					
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40 40 -					I f	m		
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				manne	monum	Ann	moun	mer Lun
-60 dBm						ř		1 Clay
812.5 MHz	1	1001	pts	. 6	00.0 kHz/			818.5 MHz
2 Result Summary Sub Block A	Ce	enter 815.50 MHz		Tx Power	21.56 dBm		RBW	10.000 kHz
Range Low	Range Up			x Bandwidth		Pow	er Rel	None
-3.000 MHz	-1.538 MHz	2 100.000 kH	lz <b>813.95</b>	5899 MHz 5683 MHz	-23.20 dBm	-44.7	/6 dB .4 dB	-10.31 dB -3.17 dB
-1.538 MHz 1.500 MHz	-1.500 MHz 1.538 MHz		z 817.00	)317 MHz	-22.59 dBm -55.27 dBm	ı -76.8	33 d B	-35.86 dB
1.538 MHz	3.000 MHz	2 100.000 kH	lz <b>818.04</b>	576 MHz	-42.41 dBm	-63.9	97 d B	-29.41 dB 19.09.2017
MultiView 😁 Spe	ctrum			Low-1RB	4			
Ref Level 33.00 dBm	<b>ctrum</b> Offset 8.00 df	3 <b>Mode</b> Auto S		Low-1RB	#			Count 100/100
MultiView 😁 Spe Ref Level 33.00 dBm 1 Spectrum Emission I	<b>ctrum</b> Offset 8.00 df			Low-1RB	#			
MultiView B Spe Ref Level 33.00 dBm	<b>ctrum</b> Offset 8.00 df		weep	Low-1RB	#			Count 100/100
MultiView B Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Chefek	<b>ctrum</b> Offset 8.00 df		weep	Low-1RB	#			Count 100/100
MultiView  Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Check P<200	<b>ctrum</b> Offset 8.00 df		weep	Low-1RB	#			Count 100/100
MultiView 33.00 dBm Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Check. P<200 20 dBm 10 dBm	<b>ctrum</b> Offset 8.00 df		weep	Low-1RB	#			Count 100/100
MultiView B Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Check P<200 20 dBm	<b>ctrum</b> Offset 8.00 df		weep	Low-1RB	#			Count 100/100
MultiView B Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Check P<200 20 dBm 10 dBm	<b>ctrum</b> Offset 8.00 df		weep	Low-1RB	#			Count 100/100
MultiView B Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLinit Check P<200 20 dBm 10 dBm -10 dBm	<b>ctrum</b> Offset 8.00 df		weep	Low-1RB	#			Count 100/100
MultiView B Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Check P<200 20 dBm 10 dBm 0 dBm	<b>ctrum</b> Offset 8.00 df		weep	Low-1RB	#			Count 100/100
MultiView B Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLinit Check P<200 20 dBm 10 dBm -10 dBm	<b>ctrum</b> Offset 8.00 df	P	weep	Low-1RB;	#			Count 100/100
MultiView         Spe           Ref Level         33.00 dBm           10 dBm         P<200	<b>ctrum</b> Offset 8.00 df		weep	Low-1RB;	#			Count 100/100
MultiView Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Check P<200 20 dBm 10 dBm -10 dBm -20 dBm	<b>ctrum</b> Offset 8.00 df	P	weep	Low-1RB	#			Count 100/100
MultiView         Spe           Ref Level         33.00 dBm           10 dBm         P<200	<b>ctrum</b> Offset 8.00 df	P	weep	Low-1RB;	#		Mun manganga	Count 100/100
MultiView Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Check P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	<b>ctrum</b> Offset 8.00 df	P	weep	Low-1RB	#		Municopo	Count 100/100  IRm Avg
MultiView Spe Ref Level 33.00 dBm 1 Spectrum Emission 1 30 dBm Limit Check P<200 20 dBm 10 dBm -0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -30 dBm	<b>ctrum</b> Offset 8.00 df		ASS					Count 100/100
MultiView Spe Ref Level 33.00 dBm 1 Spectrum Emission M 30 dBmLimit Chack P < 200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm	<b>ctrum</b> Offset 8.00 df	P	ASS		#			Count 100/100  IRm Avg
MultiView Spe Ref Level 33.00 dBm 1 Spectrum Emission 1 30 dem Limit Check P<200 20 dBm 10 dBm -0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -30 dBm -30 dBm	ctrum Offset 8.00 df		ASS ASS D	Tx Power	00.0 kHz/			Count 100/100
MultiView       Spe         Ref Level       33.00 dBm         10 dBm       200         10 dBm       0         -10 dBm       -         -20 dBm       -         -30 dBm       -         -20 dBm       -	Ctrum Offset 8.00 df Mask	1001 201 201 201 201 201 201 201 201 201	ASS ASS D D D D D D D D D D D D D D D D	Tx Power × Bandwidth	00.0 kHz/ 21.50 dBm 3.000 MHz		er Rel	Count 100/100
MultiView Dependence Ref Level 33.00 dBm 1 Spectrum Emission 1 30 dBm Limit Check P<200 20 dBm 10 dBm -0 dBm -0 dBm -0 dBm -20 d	Ctrum Offset 8.00 df Mask	1000 kr	ASS ASS pts T tz 819.90	Tx Power x Bandwidth guency 5009 MHz 5683 MHz	00.0 kHz/	-64.5	er Rel 96 dB	Count 100/100
MultiView         Spe           Ref Level 33.00 dBm         30 dBm           30 dBm         10 dBm           10 dBm         0           10 dBm         0           -20 dBm         -           -20 dBm         -      <	Ctrum Offset 8.00 df Mask Mask Mask Mask Mask Mask Mask Mask	1001 1001 1001 10000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt	ASS ASS D D D D D D D D D D D D D	Tx Power x Bandwidth couency boog MHz boog MHz boog MHz boog MHz	00.0 kHz/ 21.50 dBm 3.000 MHz Power Abs -43.46 dBm -24.40 dBm	-64.5 -764.5 -764.5	er Rel 96 dB 80 dB 89 dB	Count 100/100
MultiView       Spe         Ref Level       33.00 dBm         10 dBm       200         20 dBm       0         10 dBm       0         -20 dBm       -         -30 dBm       -         -30 dBm       -         -20 dBm       -         -20 dBm       -         -30 dBm       -         -40 dBm       -         -50 dBm       -         -50 dBm       -         -20 dBm       -         -30 dBm       -         -40 dBm       -         -50 dBm       -         -30 dBm       -         -40 dBm       -         -50 dBm       -         -50 dBm       -         -30 dBm       -         -15 dBm       -         -15 dBm       -	Ctrum Offset 8.00 df	1001 1001 1001 10000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt	ASS ASS D D D D D D D D D D D D D	Tx Power x Bandwidth guency 5009 MHz 5683 MHz	00.0 kHz/ 21.50 dBm 3.000 MHz Power Abs -43.46 dBm -55.31 dBm	-64.5 -76.8 -45.5	er Rel 96 dB 80 dB 89 dB 93 dB	Count 100/100  IRM Avg  IRM Avg  IRM Avg  Span 6.0 MHz  Count 100/100  Count 100/
MultiView         Spe           Ref Level 33.00 dBm         30 dBm           30 dBm         10 dBm           10 dBm         0           10 dBm         0           -20 dBm         -           -20 dBm         -      <	Ctrum Offset 8.00 df Mask Mask Mask Mask Mask Mask Mask Mask	1001 1001 1001 10000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt 100.000 kt	ASS ASS D D D D D D D D D D D D D	Tx Power x Bandwidth couency boog MHz boog MHz boog MHz boog MHz	00.0 kHz/ 21.50 dBm 3.000 MHz Power Abs -43.46 dBm -24.40 dBm	-64.5 -764.5 -764.5	er Rel 96 dB 80 dB 89 dB 93 dB	Count 100/100

	ctrum					
Ref Level 33.00 dBm	Offset 8.00 dB	Mode Auto Sweep	i			Count 100/100
1 Spectrum Emission M 30 dBmLimit Check	1ask	PASS				●1Rm Avg
P<200						
20 dBm						
10 dBm						
0 dBm						
o upili	r	munimum	man man market and the second s	e north and the second	η 🗌	
-10 dBm						
-20 dBm						
-30 dBm						
monter	month				Monormous	mulyameranter
'40 dBm						
-50 dBm						
-60 dBm						
812.5 MHz		1001 pts		500.0 kHz/		818.5 MHz
2 Result Summary						
Sub Block A	Center	815.50 MHz	Tx Power Tx Bandwidth			V 10.000 kHz None
-3.000 MHz	Range Up -1.538 MHz	RBW 100.000 kHz	Frequency 813.95899 MHz	Power Abs -30.83 dBm	Power Rel -51.84 dB	ΔLimit -17.74 dB
-1.538 MHz 1.500 MHz	-1.500 MHz 1.538 MHz	30.000 kHz 30.000 kHz	813.99683 MHz 817.00317 MHz	-30.39 dBm -30.64 dBm	-51.40 dB -51.65 dB	-10.97 dB -11.22 dB
1.538 MHz	3.000 MHz	100.000 kHz	817.05906 MHz	-29.58 dBm	-50.59 dB	-16.58 dB
MultiView 🗄 Spec	strum		annel Low-Full R	B#		▽
	strum	Ch Mode Auto Sweep		B#		Count 100/100
MultiView 🕄 Spec Ref Level 33.00 dBm	Ctrum Offset 8.00 dB			B#		
MultiView E Spec Ref Level 33.00 dBm I Spectrum Emission M 30 dBmLimit Check P<200	Ctrum Offset 8.00 dB	Mode Auto Sweep		B#		Count 100/100
MultiView E Spec Ref Level 33.00 dBm I Spectrum Emission M 30 dBmLimit Check P<200	Ctrum Offset 8.00 dB	Mode Auto Sweep		B#		Count 100/100
MultiView B Spec Ref Level 33.00 dBm I Spectrum Emission M 30 dBmLimit Check P<200 20 dBm	Ctrum Offset 8.00 dB	Mode Auto Sweep		B#		Count 100/100
MultiView S Spec Ref Level 33.00 dBm I Spectrum Emission M 30 dBmLimit Check P<200 20 dBm- 10 dBm-	Ctrum Offset 8.00 dB	Mode Auto Sweep				Count 100/100
MultiView B Spec Ref Level 33.00 dBm I Spectrum Emission M 30 dBmLimit Check P<200 20 dBm 10 dBm 0 dBm	Ctrum Offset 8.00 dB	Mode Auto Sweep				Count 100/100
Ref Level 33.00 dBm 1 Spectrum Emission M 30 dBm Limit Check.	Ctrum Offset 8.00 dB	Mode Auto Sweep				Count 100/100
MultiView B Spec Ref Level 33.00 dBm I Spectrum Emission M 30 dBmLimit Check P<200 20 dBm 10 dBm 0 dBm	Ctrum Offset 8.00 dB	Mode Auto Sweep				Count 100/100
MultiView Spec Ref Level 33.00 dBm I Spectrum Emission M 30 dBmLimit Check P<200 20 dBm 10 dBm -10 dBm	Offset 8.00 dB	Mode Auto Sweep				Count 100/100
MultiView         Spec           Ref Level 33.00 dBm         I           I Spectrum Emission M         30 dBm Limit Childs           P<200	Ctrum Offset 8.00 dB	Mode Auto Sweep			Wannan	Count 100/100
MultiView         Spec           Ref Level 33.00 dBm         ISpectrum Emission M           30 dBmLimit Check         P<200	Ctrum Offset 8.00 dB	Mode Auto Sweep			Manna	Count 100/100
MultiView         Spec           Ref Level 33.00 dBm         ISpectrum Emission M           30 dBmLimit Chick         P<200	Ctrum Offset 8.00 dB	Mode Auto Sweep			Www.may	Count 100/100    IRM Avg    IRM Avg
MultiView         Spec           Ref Level 33.00 dBm         3.00 dBm           130 dBm_Limit Check         P<200	Ctrum Offset 8.00 dB	Mode Auto Sweep			Www.mww	Count 100/100
MultiView         Spec           Ref Level 33.00 dBm         30 dBm           10 dBm         -0 dBm           -20 dBm         -0 dBm           -30 dBm	Ctrum Offset 8.00 dB	Mode Auto Sweep				Count 100/100  IRM Avg  IRM Avg
MultiView         Spect           Ref Level 33.00 dBm         ISPECtrum Emission M           30 dBmLimit Check         P<200	Ctrum Offset 8.00 dB	Mode Auto Sweep	Т× Роwer	500.0 kHz/		Count 100/100
MultiView Spec Ref Level 33.00 dBm I Spectrum Emission M 30 dBm imit Check P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -50 dBm -50 dBm -60 dBm -60 dBm -2 Result Summary Sub Block A Range Low	Ctrum Offset 8.00 dB	Mode Auto Sweep PASS	Tx Power Tx Bandwidth	500.0 kHz/	RB\	Count 100/100
MultiView         Spect           Ref Level 33.00 dBm         ISpectrum Emission M           10 dBm         P<200	Ctrum Offset 8.00 dB	Mode Auto Sweep           PASS           Image: Constraint of the system           Image: Constrem     <	Tx Power Tx Bandwidth Frequency 820.95889 MHz 820.99683 MHz	500.0 kHz/ 21.05 dBm 3.000 MHz Power Abs -30.76 dBm -29.40 dBm	RBV Power Rel -51.81 dB -50.45 dB	Count 100/100
MultiView Spec Ref Level 33.00 dBm 1 Spectrum Emission M 30 dBm imit Churk P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -50 dBm -60 dBm -60 dBm -50 dBm	Center Range Up -1.538 MHz	Mode         Auto         Sweep           PASS	Tx Power Tx Bandwidth Frequency 820.95899 MHz	500.0 kHz/ 21.05 dBm 3.000 MHz Power Abs -30.76 dBm	RB\ Power Rel -51.81 dB -50.45 dB -52.68 dB -52.47 dB	Count 100/100    IRM Avg   IRM Avg  IRM Avg   Span 6.0 MHz  V 10.000 kHz None  ALimit  -17.76 dB -9.98 dB -18.42 dB -18.42 dB
MultiView         Spect           Ref Level 33.00 dBm         ISpectrum Emission M           30 dBmLimit Childs         P<200	Ctrum Offset 8.00 dB Aask Aask Aask Aask Aask Aask Aask Aask	Mode         Auto Sweep           PASS	Tx Power Tx Bandwidth Frequency 820.95899 MHz 820.99683 MHz 824.00317 MHz	21.05 dBm 3.000 MHz/ 21.05 dBm 3.000 MHz -30.76 dBm -31.64 dBm	RBV Power Rel -51.81 dB -50.45 dB -52.68 dB	Count 100/100 1Rm Avg 1Rm Avg 1Rm Avg Span 6.0 MHz V 10.000 kHz None ALimit -17.76 dB -9.98 dB -12.22 dB -13.42 dB -13.42 dB
MultiView         Spect           Ref Level 33.00 dBm         30 dBm           30 dBm/imit Check         P<200	Ctrum Offset 8.00 dB	Mode         Auto Sweep           PASS	Tx Power Tx Bandwidth Frequency 820.95899 MHz 820.99683 MHz 824.00317 MHz	21.05 dBm 3.000 MHz/ 21.05 dBm 3.000 MHz -30.76 dBm -31.64 dBm	RB\ Power Rel -51.81 dB -50.45 dB -52.68 dB -52.47 dB	Count 100/100    IRM Avg   IRM Avg  IRM Avg   Span 6.0 MHz  V 10.000 kHz None  ALimit  -17.76 dB -9.98 dB -18.42 dB -18.42 dB

MultiView 🗄 Sp	ectrum					
Ref Level 33.00 dBm		Mode Auto Sweep	)			
1 Spectrum Emission	Mask					Count 100/100 IRm Avg
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-50 dBm	www.where		marth_		$\uparrow$	-+/
-60 dBm					Manuman	and have
CF 816.5 MHz		1001 pts		1.0 MHz/		Span 10.0 MHz
2 Result Summary				· · · · · · · · · · · · · · · · · · ·		
Sub Block A		816.50 MHz	Tx Bandwidth	22.57 dBm 5.000 MHz		20.000 kHz None
-5.000 MHz	-2.538 MHz	RBW 100.000 kHz	Frequency 813.95700 MHz	Power Abs -30.70 dBm	Power Rel -53.27 dB	ΔLimit -17.62 dB
-2.538 MHz 2.500 MHz	-2.500 MHz 2.538 MHz	20.000 kHz 20.000 kHz	813.99367 MHz 819.00633 MHz	-27.19 dBm -61.13 dBm	-49.76 dB -83.70 dB	-8.38 dB -42.29 dB
2.538 MHz	5.000 MHz	100.000 kHz	820.79443 MHz	-44.55 dBm	-67.12 dB	-31.55 dB
	ectrum		hannel Low-1RB	#		
MultiView B Sp Ref Level 33.00 dBm	ectrum Offset 8.00 dB	C Mode Auto Sweep		#		Count 100/100
MultiView B Sp Ref Level 33.00 dBm 1 Spectrum Emission 30 dBmLimit Check	ectrum Offset 8.00 dB			#		
MultiView B Sp Ref Level 33.00 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView B Sp Ref Level 33.00 dBm I Spectrum Emission 30 dBmLimit Chdck P<200 20 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView B Sp Ref Level 33.00 dBm 1 Spectrum Emission 30 dBmLimit Chark P<200	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView B Sp Ref Level 33.00 dBm I Spectrum Emission 30 dBmLimit Chdck P<200 20 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView (*) Sp Ref Level 33.00 dBm 1 Spearum Emission 30 dBm Limit Chuck P<200 20 dBm 10 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView (33.00 dBm Ref Level 33.00 dBm 1 Spectrum Emission 30 dBmLimit Chelck P<200 20 dBm 10 dBm -10 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView B Sp Ref Level 33.00 dBm 1 Spectrum Emission 30 dBm Urait Chack P<200 20 dBm 10 dBm 0 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView (33.00 dBm Ref Level 33.00 dBm 1 Spectrum Emission 30 dBmLimit Chelck P<200 20 dBm 10 dBm -10 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView         Sp           Ref Level 33.00 dBm         1           30 dBm_innit Chack         P<200	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView         Sp           Ref Level 33.00 dBm           1 Spectrum Emission           30 dBm_imit Chuck           P<200	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView         Sp           Ref Level 33.00 dBm         30 dBm           10 dBm         0 dBm           -10 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView         Sp           Ref Level 33.00 dBm         1           30 dBm_init Chack         P<200	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView         Sp           Ref Level 33.00 dBm         1           30 dBm_init Chack         P<200	ectrum Offset 8.00 dB	Mode Auto Sweep		#		Count 100/100
MultiView         Sp           Ref Level 33.00 dBm           1 Spectrum Emission           30 dBm_imit Chuck           P<200	ectrum Offset 8.00 dB	Mode Auto Sweep	, 	1.0 MHz/		Count 100/100
MultiView Sp Ref Level 33.00 dBm Spectrum Emission 30 dBm Initi Chuck P<200 20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm -50 dBm -60 dBm -20 Result Summary Sub Block A Range Low	ectrum Offset 8.00 dB Mask	Mode Auto Sweep PASS	Tx Power Tx Bandwidth Frequency	1.0 MHz/ 22.60 dBm 5.000 MHz	RBW	Count 100/100
MultiView       Sp         Ref Level 33.00 dBm         10 dBm         10 dBm         -10 dBm         -20 dBm         -30 dBm         -50 dBm         -60 dBgr         CF 821.5 MHz         2 Result Summary         Sub Block A	ectrum Offset 8.00 dB	Mode Auto Sweep PASS PASS PASS PASS PASS PASS PASS PAS	Tx Power Tx Bandwidth Frequency 817.16554 MHz 818.99367 MHz	1.0 MHz/ 22.60 dBm 5.000 MHz Power Abs -45.14 dBm -60.18 dBm	RBW -67.74 dB -67.77 dB	Count 100/100
MultiView         Sp           Ref Level 33.00 dBm           30 dBm/imit Chuck           9<200	ectrum Offset 8.00 dB Mask	Mode Auto Sweep PASS PASS PASS PASS PASS PASS PASS PAS	Tx Power Tx Bandwidth Frequency 817.16554 MHz 818.99367 MHz	1.0 MHz/ 22.60 dBm 5.000 MHz P45.14 dBm -62.7.4 dBm	RBW Power Rel -67.74 dB -82.77 dB -50.34 dB	Count 100/100
MultiView         Sp           Ref Level 33.00 dBm           30 dBm	ectrum Offset 8.00 dB	Mode Auto Sweep PASS PASS PASS PASS PASS PASS PASS PAS	Tx Power Tx Bandwidth Frequency 817.16554 MHz 818.99367 MHz	1.0 MHz/ 22.60 dBm 5.000 MHz Power Abs -45.14 dBm -60.18 dBm	RBW -67.74 dB -67.77 dB	Count 100/100
MultiView         Sp           Ref Level 33.00 dBm           30 dBm/imit Chuck           9<200	ectrum Offset 8.00 dB	Mode Auto Sweep PASS PASS PASS PASS PASS PASS PASS PAS	Tx Power Tx Bandwidth Frequency 817.16554 MHz 818.99367 MHz	1.0 MHz/ 22.60 dBm 5.000 MHz P45.14 dBm -62.7.4 dBm	RBW Power Rel -67.74 dB -82.77 dB -50.34 dB -52.34 dB	Count 100/100

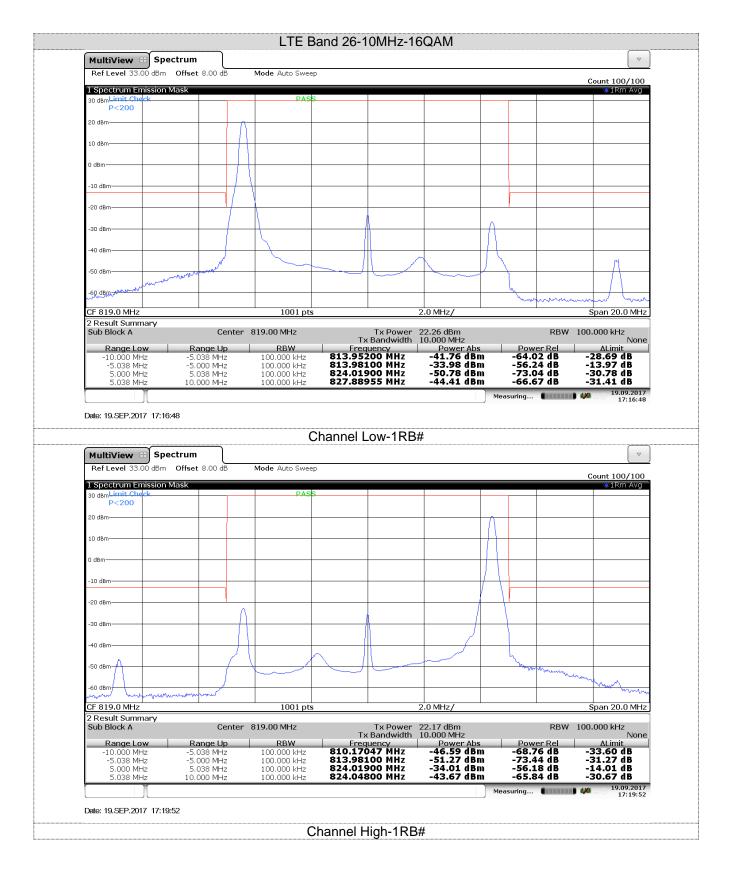
MultiView 8	🛯 Spectrum	1									
	0 dBm Offset			Mode Auto Swee	p						
1 Spectrum Em	hission Mask										Count 100/10 1Rm Av
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-50 dBm											
-60 dBm							_				
CF 816.5 MHz				1001 pts			1.0 MHz/				Span 10.0 M
2 Result Summ	iary										
Sub Block A		Cei	nter (	816.50 MHz	Тх	Tx Power Bandwidth	22.12 dBm 5.000 MHz			RBW	20.000 kHz No
Range Lov -5.000 MHz		ange Up		RBW 100.000 kHz		uency	Power Abs -33.21 dBr		Powe	er Rel	
-2.538 MHz	z -2.5	538 MHz 500 MHz		20.000 kHz	813.993	67 MHz	-35.07 dBr	n	-57.1	9 d B	-16.23 dB
2.500 MHz 2.538 MHz		538 MHz 000 MHz		20.000 kHz 100.000 kHz	819.006 819.523		-34.40 dBr -32.60 dBr		-56.5 -54.7		-15.56 dB -19.60 dB
	~			Cł	nannel Lov	w-Full RI	B#				
Date: 19.SEP.201 MultiView 8 Ref Level 33.0	~			Ch Mode Auto Swee		w-Full RI	B#				
MultiView 8	<b>Spectrum</b> 10 dBm Offset					w-Full RI	B#				Count 100/10 • 1Rm Av
MultiView 8 Ref Level 33.0 1 Spectrum En 30 dBmLimit Che	Spectrum 00 dBm Offset hission Mask				p	w-Full RI	B#				Count 100/10
MultiView 8 Ref Level 33.0 I Spectrum Em 30 dBmLimit Che P<200	Spectrum 00 dBm Offset hission Mask			Mode Auto Swee	p	w-Full RI	B#				Count 100/10
MultiView 8 Ref Level 33.0 I Spectrum Em 30 dBmLimit Che P<200	Spectrum 00 dBm Offset hission Mask			Mode Auto Swee	p	w-Full RI	B#				Count 100/10
MultiView 8 Ref Level 33.0 I Spectrum Em 30 dBmLimit Che P<200 20 dBm	Spectrum 00 dBm Offset hission Mask			Mode Auto Swee	p	w-Full RI	B#				Count 100/10
MultiView B Ref Level 33.0 I Spectrum En 30 dBmLimit Che P<200 20 dBm 10 dBm	Spectrum 00 dBm Offset hission Mask			Mode Auto Swee	p	w-Full RI	B#				Count 100/10
MultiView B Ref Level 33.0 I Spectrum En 30 dem Limit Che P<200 20 dem 10 dem 0 dem	Spectrum 00 dBm Offset hission Mask			Mode Auto Swee	p	w-Full RI	B#				Count 100/10
MultiView B Ref Level 33.0 I Spectrum En 30 dBmLimit Che P<200 20 dBm 10 dBm	Spectrum 00 dBm Offset hission Mask			Mode Auto Swee	p	w-Full RI	B#				Count 100/10
MultiView B Ref Level 33.0 I Spectrum En 30 dem Limit Che P<200 20 dem 10 dem 0 dem	Spectrum 00 dBm Offset hission Mask			Mode Auto Swee	p	w-Full RI	B#				Count 100/10
MultiView B Ref Level 33.0 I Spectrum En 30 dBmLimit Che P<200 20 dBm 10 dBm -10 dBm -20 dBm	Spectrum 00 dBm Offset hission Mask			Mode Auto Swee	p	w-Full RI	B#				Count 100/10
MultiView         B           Ref Level 33.0         ISpectrum En           30 dBmLimit Che         P<200	Spectrum 0 dBm Offset iission Mask ck			Mode Auto Swee	p	w-Full RI	B#				Count 100/11 • 1Rm Av
MultiView B Ref Level 33.0 I Spectrum En 30 dBmLimit Che P<200 20 dBm 10 dBm -10 dBm -20 dBm	Spectrum 00 dBm Offset hission Mask			Mode Auto Swee	p	w-Full RI	B#				Count 100/10 IRm Av
MultiView         B           Ref Level 33.0         Spectrum En           10 dBm         P<200	Spectrum 0 dBm Offset iission Mask ck			Mode Auto Swee	p	w-Full RI	B#				Count 100/11 • 1Rm Av
MultiView         B           Ref Level 33.0         ISpectrum En           30 dBmLimit Che         P<200	Spectrum 0 dBm Offset iission Mask ck			Mode Auto Swee	p	w-Full RI	B#				Count 100/11 • 1Rm Av
MultiView         B           Ref Level 33.0         33.0           ISpectrum En         30.0           30.0         Bm.           30.0         Bm.           10.0         Bm.           -10.0         Bm.           -20.0         Bm.           -30.0         Bm.	Spectrum 0 dBm Offset iission Mask ck			Mode Auto Swee	p	w-Full RI	B#				Count 100/11 • 1Rm Av
MultiView         B           Ref Level         33.0           I Spectrum En         30 dBm           30 dBm         200           20 dBm         10 dBm           0 dBm         -10 dBm           -20 dBm         -20 dBm           -30 dBm         -30 dBm           -50 dBm         -50 dBm	Spectrum 0 dBm Offset iission Mask ck			Mode Auto Swee	p		B#		V		Count 100/11 • 1Rm Av
MultiView         B           Ref Level 33.0         I           ISpectrum En         30 dBm           30 dBm         -0 dBm           10 dBm         -0 dBm           -20 dBm         -0 dBm           -30 dBm	Spectrum 0 dBm Offset iission Mask ck	. 8.00 dB		Mode Auto Swee	p		1.0 MHz/				Count 100/11 • 1Rm Av
MultiView         B           Ref Level 33.0         1           30 dam         1           30 dam         1           20 dam         1           10 dam         1           10 dam         1           -20 dam         1           -30 dam         -30 dam           -30 dam         -30 dam           -50 dam         -50 dam           -60 dam         -60 dam           CE 821.5 MHz         -50 Max	Spectrum 0 dBm Offset iission Mask ck	. 8.00 dB		Mode Auto Swee	p	Tx Power Bandwidth	1.0 MHz/ 22.16 dBm 5.000 MHz				Count 100/10 IRm AV IRm AV Span 10.0 M 20.000 kHz No
MultiView         B           Ref Level 33.0         I           ISpectrum En         30.08m           30.08m         P<200	Spectrum In dBm Offset iission Mask ck 			Mode Auto Sweep	P S S S S S S S S S S S S S S S S S S S	Tx Power Bandwidth Jency	1.0 MHz/ 22.16 dBm 5.000 MHz		Powe	RBW er Rel	Count 100/10 IRm AV IRm AV Span 10.0 M 20.000 kHz No
MultiView         B           Ref Level 33.0         ISpectrum En           30 dBmLinit. Che         P<200	ission Mask ission	E 8.00 dB		Mode Auto Sweep PASE PASE PASE PASE PASE PASE PASE PASE	р S S Freq 818.957 818.953	Tx Power Bandwidth Jency 00 MHz 67 MHz	1.0 MHz/ 22.16 dBm 5.000 MHz Power Abs -33.41 dBm -35.13 dBr	n	Powe -55.5 -57.2	RBW er Rel 6 d B 9 d B	Count 100/11 1Rm Av 1Rm Av 1Rm Av Span 10.0 M 20.000 kHz No Alimit -20.32 dB -16.29 dB
MultiView         B           Ref Level 33.0         30 dbmLimit Cha           30 dbmLimit Cha         P<200	Spectrum OdBm Offset Uission Mask de	ceange Up		Mode Auto Sweet	р 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Tx Power Bandwidth Jency 00 MHz 67 MHz 33 MHz	1.0 MHz/ 22.16 dBm 5.000 MHz - 30.44 dBr	n n	Powe -55.5	RBW er Rel 6 dB 9 dB 6 dB	Count 100/10 IRm AV IRm AV IRm AV Span 10.0 M 20.000 kHz No ALimit -20.32 dB -16.29 dB -16.47 dB -20.74 dB
MultiView         B           Ref Level 33.0         ISpectrum En           30 dBmLinnin Che         P<200	Spectrum OdBm Offset Uission Mask de	E 8.00 dB		Mode Auto Sweet	р Тх Ггец 818.957 818.957 818.957 818.957 818.957 818.957 818.957	Tx Power Bandwidth Jency 00 MHz 67 MHz 33 MHz	22.16 dBm 5.000 MHz/ 22.16 dBm 5.000 MHz Power Abs 	n n n	Powe - 55.5 - 57.2 - 57.4 - 55.8	RBW er Rel 6 dB 9 dB 6 dB	Count 100/10 IRm AV IRm AV IRm AV Span 10.0 M 20.000 kHz 20.000 kHz No ALimit -20.32 dB -16.29 dB -16.29 dB -16.29 dB
MultiView         B           Ref Level 33.0         Spectrum En           30 dBm Limit Che         P<200	Spectrum in dBm Offset iission Mask ck	E 8.00 dB		Mode Auto Sweet	р Тх Ггец 818.957 818.957 818.957 818.957 818.957 818.957 818.957	Tx Power Bandwidth Jency 00 MHz 67 MHz 33 MHz	22.16 dBm 5.000 MHz/ 22.16 dBm 5.000 MHz Power Abs 	n n n	Powe - 55.5 - 57.2 - 57.4 - 55.8	RBW er Rel 6 dB 9 dB 6 dB 9 dB	Count 100/11 1Rm AV 1Rm AV

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CF 816.5 MHz 2 Result Summary			1001 pts			1.0 MHz/				Span 10.0 MH
Sub Block A			.6.50 MHz		Tx Power 1 Bandwidth	5.000 MHz				0.000 kHz Nor
-5.000 MHz	-2.538 MHz	Z	RBW 100.000 kHz	Frequ 813.9570	DO MHZ	Power Abs -31.87 dBr	n ·	Power	dB	ΔLimit -18.83 dB
-2.538 MHz 2.500 MHz	-2.500 MHz 2.538 MHz	Z	20.000 kHz 20.000 kHz	813.9930 819.0063	33 MHz	-28.57 dBr -61.49 dBr	n -	-50.45 -83.37	dB	-9.75 dB -42.65 dB
2.538 MHz	5.000 MHz	2	100.000 kHz	820.8344	40 MNZ	-46.02 dBr		-67.90		-33.02 dB
Date: 19.SEP.2017 17: MultiView 😁 SI	07:07		(	Channel Lo	ow-1RB#	¥				
MultiView 😁 SI Ref Level 33.00 dBr	pectrum ) m Offset 8.00 dt	B M	( Iode Auto Swee		ow-1RB‡	¥				Count 100/10
MultiView B SI Ref Level 33.00 dBr 1 Spectrum Emissio 30 dBmLimit Check	pectrum ) m Offset 8.00 dt	B M		p	ow-1RB#	¥				
MultiView B SI Ref Level 33.00 dBr 1 Spectrum Emissio 30 damLimit Check P<200	pectrum ) m Offset 8.00 dt	B M	lode Auto Swee	p	ow-1RB#	¥				Count 100/10
MultiView B Sy Ref Level 33.00 dBr 1 Spectrum Emissio 30 dBmLimit Check P<200 20 dBm	pectrum ) m Offset 8.00 dt	B M	lode Auto Swee	p	ow-1RB#	¥				Count 100/10
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MultiView     Signature       Ref Level 33.00 dBr       1 Spectrum Emission       30 dBm       10 dBm       10 dBm       -10 dBm       -20 dBm	pectrum ) m Offset 8.00 dt	B M	lode Auto Swee	p	ow-1RB#	¥				Count 100/10
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MultiView         Si           Ref Level 33.00 dBr         1           1 Spectrum Emission         30 dBm           30 dBm	pectrum ) m Offset 8.00 dt	B M	lode Auto Swee	p	ow-1RB#	¥				Count 100/10
MultiView         Si           Ref Level 33.00 dBr         1           1 Spectrum Emission         30 dBm           30 dBm	pectrum offset 8.00 df	B M	lode Auto Swee	P		¥				Count 100/10
MultiView         Sj           Ref Level 33.00 dBr           1 Spectrum Emission           30 dBm           10 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -60 dBm           -50 dBm           -20 dBm           -20 dBm           -20 dBm           -20 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -20 dBm	pectrum m Offset 8.00 df m Mask		Iode Auto Swee	P		1.0 MHz/				Count 100/10 0 1Rm Ave
MultiView S Ref Level 33.00 dBr 1 Spectrum Emissio 30 dBm Init Check P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -60 dBm -60 dBm -60 dBm -60 dBm -75 MHz 2 Result Summary Sub Block A	pectrum offset 8.00 df n Mask	enter 82	Iode Auto Swee		Tx Power :	1.0 MHz/ 21.43 dBm 5.000 MHz			RBW 2	Count 100/10
MultiView B SI Ref Level 33.00 dBr 1 Spectrum Enissio 30 dBm-Lindit Childe P<200 20 dBm- 10 dBm- -10 dBm- -20 dBm- -30 dBm- -30 dBm- -50	pectrum m Offset 8.00 df n Mask	Penter 82	Iode Auto Swee PAS 1001 pts 1001 pts 21.50 MHz RBW 100.000 KHz	P	Tx Power : Bandwidth : ency J	1.0 MHz/ 21.43 dBm	n ·	Power -68.37 -83.16	RBW 2 Rel   dB	Count 100/10 0 1Rm Ave 1Rm Ave 1Rm Ave Span 10.0 MH 0.000 kHz ALimit -33.96 dB -42.89 dB
MultiView         Si           Ref Level 33.00 dBr           30 dBmLimit Check           P<200	Pectrum m Offset 8.00 df m Mask 	enter 82	1001 Pts 1001 Pts 1001 Pts 1000 kHz 20.000 kHz 20.000 kHz	P S Tx H Freque 817.155	Tx Power Bandwidth ency 53 MHz 33 MHz	1.0 MHz/ 21.43 dBm 5.000 MHz Power Abs -46.94 dBr	n i n i n	Power -68.37	RBW 2 Rel   dB dB dB	Count 100/10
MultiView         Sj           Ref Level 33.00 dBr           1 Spectrum Emission           30 dBm           10 dBm           10 dBm           -20 dBm           -30 dBm           -30 dBm           -20 dBm           -20 dBm           -20 dBm           -20 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -50 dBm           -50 dBm           -60 dBm           -70 dBm           -80 dBm           -90 dBm	Pectrum m Offset 8.00 df m Mask	enter 82	100e Auto Swee PAS 1001 pts 1001 pts 21.50 MHz RBW 100.000 kHz 20.000 kHz	P	Tx Power Bandwidth ency 53 MHz 33 MHz	1.0 MHz/ 21.43 dBm 5.000 MHz Power Abs -46.94 dBr -46.94 dBr -47.23 dBr	n	Power -68.37 -83.16 -50.66 -55.35	RBW 2 Rel   dB dB dB	Count 100/10 0 1Rm Ave 1Rm Ave 1Rm Ave 2 2 2 2 2 2 2 2 2 2 2 2 2
MultiView         Si           Ref Level 33.00 dBr           30 dBmLimit Check           P<200	Pectrum m Offset 8.00 df m Mask	enter 82	1001 Pts 1001 Pts 1001 Pts 1000 kHz 20.000 kHz 20.000 kHz	P	Tx Power Bandwidth ency 53 MHz 33 MHz	1.0 MHz/ 21.43 dBm 5.000 MHz Power Abs -46.94 dBr -46.94 dBr -47.23 dBr	n	Power -68.37 -83.16 -50.66 -55.35	RBW 2 Rel dB dB dB dB dB dB	Count 100/10 0 1Rm Ave 1Rm Ave 1Rm Ave 2 2 2 2 2 2 2 2 2 2 2 2 2

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Ref Level 33.00 dB	-	00 dB	Mode Auto Swee	p					
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-60 dBm-									
CF 816.5 MHz			1001 pts			1.0 MHz/			Span 10.0 MHz
2 Result Summary Sub Block A		Center	816.50 MHz		Tx Power			RBW	/ 20.000 kHz
Range Low	Rang	e Up	RBW	Tx Frea	Bandwidth uency	Power Abs		Power Rel	None
-5.000 MHz -2.538 MHz	-2.538 -2.500	MHz	100.000 kHz 20.000 kHz	Freq 813.957 813.993	00 MHz 67 MHz	-34.86 dBı -36.09 dBı	n -	55.86 dB 57.09 dB	-21.86 dB -17.26 dB
2.500 MHz 2.538 MHz	2.538 5.000	MHz	20.000 kHz 100.000 kHz	819.006 819.073	533 MHz	-35.70 dBi -34.28 dBi	n -	56.70 dB 55.29 dB	-16.86 dB -21.28 dB
2.000 10112	5.000	11112	100.000 KHZ			0	)	ing	10 00 001
Date: 19.SEP.2017 17			Cł	nannel Lo	w-Full RI	3#			
MultiView 🗄 S	pectrum				w-Full RI	3#			▽
MultiView BS Ref Level 33.00 dB	<b>pectrum</b> 3m Offset 8.0	00 dB	Cr Mode Auto Swee		w-Full RI	3#			Count 100/100
MultiView B S Ref Level 33.00 dB 1 Spectrum Emissio 30 dBmLimit Check	<b>pectrum</b> 3m Offset 8.0	)0 dB		p	w-Full RI	3#			
MultiView B S Ref Level 33.00 dB 1 Spectrum Emissio 30 damLimit Chelck P<200	<b>pectrum</b> 3m Offset 8.0	DO dB	Mode Auto Swee	p	w-Full RI	3#			Count 100/100
MultiView B S Ref Level 33.00 dB 1 Spectrum Emissio 30 dBmLimit Check	<b>pectrum</b> 3m Offset 8.0	DO dB	Mode Auto Swee	p	w-Full RI	3#			Count 100/100
MultiView B S Ref Level 33.00 dB 1 Spectrum Emissio 30 damLimit Chelck P<200	<b>pectrum</b> 3m Offset 8.0	00 dB	Mode Auto Swee	p	w-Full RI	3#			Count 100/100
MultiView B S Ref Level 33.00 dB 1 Spectrum Emissio 30 dBmLimit Chelck P<200 20 dBm 10 dBm	<b>pectrum</b> 3m Offset 8.0	00 dB	Mode Auto Swee	p	w-Full RI	3#			Count 100/100
MultiView S Ref Level 33.00 dB 1 Spectrum Emissio 30 dBmLimit Check P<200 20 dBm 10 dBm 0 dBm	<b>pectrum</b> 3m Offset 8.0		Mode Auto Swee	p	w-Full R	3#			Count 100/100
MultiView B S Ref Level 33.00 dB 1 Spectrum Emissio 30 dBmLimit Chelck P<200 20 dBm 10 dBm	<b>pectrum</b> 3m Offset 8.0	)0 dB	Mode Auto Swee	p	w-Full RI	3#			Count 100/100
MultiView S Ref Level 33.00 dB 1 Spectrum Emissio 30 dBmLimit Check P<200 20 dBm 10 dBm 0 dBm	<b>pectrum</b> 3m Offset 8.0		Mode Auto Swee	p	w-Full RI	3#			Count 100/100
MultiView S Ref Level 33.00 dB Spectrum Emissio 30 damLimit Chelck P<200 20 dBm 10 dBm -10 dBm -20 dBm	<b>pectrum</b> 3m Offset 8.0		Mode Auto Swee	p	w-Full RI	3#			Count 100/100
MultiView     S       Ref Level     33.00 dB       1     Spectrum Emission       30 dBm     dBm       10 dBm     0       -10 dBm     0	Bigectrum Bim Offset 8.0 Don Mask		Mode Auto Swee	p	w-Full RI	3#			Count 100/100
MultiView S Ref Level 33.00 dB Spectrum Emissio 30 damLimit Chelck P<200 20 dBm 10 dBm -10 dBm -20 dBm	<b>pectrum</b> 3m Offset 8.0		Mode Auto Swee	p	w-Full RI	3#			Count 100/100
MultiView     S       Ref Level     33.00 dB       1     Spectrum Emission       30 dBm     dBm       10 dBm     0       -10 dBm     -       -20 dBm     -	Bigectrum Bim Offset 8.0 Don Mask		Mode Auto Swee	p	w-Full RI	3#			Count 100/100
MultiView     S       Ref Level 33.00 dB       1 Spectrum Emission       30 dBm       10 dBm       10 dBm       -20 dBm       -30 dBm       -30 dBm       -50 dBm	Bigectrum Big Offset 8.0 Don Mask		Mode Auto Swee	p	w-Full RI	3#			Count 100/100
MultiView S Ref Level 33.00 dB Spectrum Emissio 30 dbmLimit Check P<200 20 dbm 10 dbm -10 dbm -20 dbm -30 dbm -30 dbm	Bigectrum Big Offset 8.0 Don Mask		Mode Auto Swee	p	w-Full R	3#			Count 100/100
MultiView         S           Ref Level 33.00 dB         1           1         Spectrum Emission           30 dBm         10           10 dBm         10           0 dBm         10           -20 dBm         10           -30 dBm         10           -20 dBm         10           -30 dBm         10           -30 dBm         10           -50 dBm         10           -60 dBm         10           CF 821.5 MHz         10	Spectrum Sm Offset 8.0 Sm Mask Sm Ma		Mode Auto Swee	P S		3#			Count 100/100
MultiView       S         Ref Level 33.00 dB         1 Spectrum Emission         30 dbmLinnit Chelck         P<200	Spectrum Sm Offset 8.0 Sm Mask Sm Ma		Mode Auto Swee	P S 	Tx Power	1.0 MHz/ 21.12 dBm			Count 100/100  IRM AV9  IRM AV9  Span 10.0 MHz  / 20.000 kHz
MultiView       S         Ref Level 33.00 dB       1         Spectrum Emission       30 dBm         30 dBm       10 dBm         10 dBm       0         -10 dBm       0         -20 dBm       0         -30 dBm       -0         -50 dBm       -0         -60 dBm       -0         -22 Result Summary       Sub Block A         Range Low       -0	Bipectrum Bim Offset 8.0 Din Mask Din	Center	Mode Auto Swee PAS PAS Auto Swee PAS Auto Sw	p S S S S S S S S S S S S S S S S S S S	Tx Power Bandwidth uency	1.0 MHz/		Power Rel	Count 100/100
MultiView       S         Ref Level 33.00 dB       1         Spectrum Emission       30 dbm Limit Chelck         90 dbm       20 dbm         10 dbm       20 dbm         10 dbm       20 dbm         -10 dbm       20 dbm         -20 dbm       20 dbm         -20 dbm       20 dbm         -30 dbm       -20 dbm         -50 dbm       -50 dbm         -60 dbm       CF 821.5 MHz         2 Result Summary       Sub Block A         Range Low       -5.000 MHz	Bigectrum Bim Offset 8.0 Din Mask	Center : e Up   MHz	Mode Auto Swee PASE PASE PASE PASE PASE PASE PASE PASE	ρ S 	Tx Power Bandwidth uency MHz	1.0 MHz/ 21.12 dBm 5.000 MHz Power Abs -34.81 dBi		Power Rel 55.93 dB	Count 100/100 © 1Rm Avg © 1Rm Avg Span 10.0 MHz / 20.000 kHz ALimit None -21.79 dB
MultiView         S           Ref Level 33.00 dB         1           Spectrum Emission         30 dBm           30 dBm         10 dBm           10 dBm         0           10 dBm         0           -10 dBm         0           -20 dBm         0           -30 dBm         -0           -50 dBm         -0           -20 Result Summary         Sub Block A           Range Low         -5.000 MHz           -2.538 MHz         2.500 MHz	Bigectrum Bim Offset 8.0 Din Mask	Center =	Mode Auto Swee  PAS  PAS  PAS  PAS  PAS  PAS  PAS  P	P S TX Freq 818.946 818.993 824.903	Tx Power Bandwidth uency 299 MHz 67 MHz 33 MHz	1.0 MHz/ 21.12 dBm 5.000 MHz Power Abs -34.81 dBm -35.60 dBi	m m	Power Rel 55.93 dB 57.21 dB 56.72 dB	Count 100/100
MultiView         S           Ref Level 33.00 dB         1           Spectrum Emission         30 dBm           30 dBm         10           10 dBm         0           -10 dBm         0           -20 dBm         0           -30 dBm         0           -50 dBm         0           -60 dBm         0           -50 dBm         0           -60 dBm         0           -50 dBm         0           -60 dBm         0           -60 dBm         0           -60 dBm         0           -60 dBm         0           -70.00 MHz         -5.000 MHz           -2.5.000 MHz         -2.5.000 MHz	Spectrum m Offset 8.0 m Mask 	Center =	Mode Auto Swee  PAS  PAS  PAS  PAS  PAS  PAS  PAS  P	P S S S S S S S S S S S S S S S S S S S	Tx Power Bandwidth uency 299 MHz 67 MHz 33 MHz	1.0 MHz/ 21.12 dBm 5.000 MHz Power Abs -36.09 dBi	m - m - m -	Power Rel 55.93 dB 57.21 dB 56.72 dB 56.63 dB	Count 100/100
MultiView         S           Ref Level 33.00 dB         1           Spectrum Emission         30 dBm           30 dBm         10 dBm           10 dBm         0           10 dBm         0           -10 dBm         0           -20 dBm         0           -30 dBm         -0           -50 dBm         -0           -20 Result Summary         Sub Block A           Range Low         -5.000 MHz           -2.538 MHz         2.500 MHz	Bipectrum Bim Offset 8.0 Din Mask	Center =	Mode Auto Swee  PAS  PAS  PAS  PAS  PAS  PAS  PAS  P	P S TX Freq 818.946 818.993 824.903	Tx Power Bandwidth uency 299 MHz 67 MHz 33 MHz	1.0 MHz/ 21.12 dBm 5.000 MHz Power Abs -34.81 dBm -35.60 dBi	m - m - m -	Power Rel 55.93 dB 57.21 dB 56.72 dB	Count 100/100

	ectrum					$\bigtriangledown$
Ref Level 33.00 dBm	Offset 8.00 dB	Mode Auto Swee	p			Count 100/100
1 Spectrum Emission 30 dBmLimit Check	Mask	PAS	<u>s</u>			●1Rm Avg
P<200						
20 dBm		Λ				
10 dBm						
0 dBm						
-10 dBm						
-20 dBm-					Λ	
-30 dBm						
-40 dBm					$\mathbb{R}$	
-50 dBm	- Andrew - and -					
-60 dBm	an when a start of the start of				human	nonment have
CF 819.0 MHz		1001 pts	;	2.0 MHz/	· · ]	Span 20.0 MHz
2 Result Summary Sub Block A	Cent	ter 819.00 MHz	Tx Power			RBW 100.000 kHz
Range Low	Range Up	RBW	Frequency	10.000 MHz Power Abs	Power F	None Rel <u>ALimit</u>
-10.000 MHz -5.038 MHz	-5.038 MHz -5.000 MHz	100.000 kHz 100.000 kHz	813.95200 MHz 813.98100 MHz	-40.69 dBn -32.45 dBn	n -55.06 (	dB -12.46 dB
5.000 MHz 5.038 MHz	5.038 MHz 10.000 MHz	100.000 kHz 100.000 kHz	824.01900 MHz 827.84954 MHz	-49.95 dBn -43.04 dBn		
Date: 19.SEP.2017 17:1	ectrum	( Mode Auto Swee	Channel Low-1RI	B#		
MultiView B Sp Ref Level 33.00 dBm	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#		Count 100/100
MultiView B Sp Ref Level 33.00 dBm	ectrum Offset 8.00 dB		p	B#		Count 100/100
MultiView B Sp Ref Level 33.00 dBm I Spectrum Emission 30 dBmLimit Check	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#	<u>A</u>	Count 100/100
MultiView 🕀 Sp Ref Level 33.00 dBm 1 Spectrum Emission 30 dBm Limit Chuck P<200	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#		Count 100/100
MultiView (3) Sp Ref Level 33.00 dBm 1 Spectrum Emission 30 dBm imit Check P<200 20 dBm 10 dBm	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#		Count 100/100
MultiView B Sp Ref Level 33.00 dBm 1 Spectrum Emission 30 dBm innit Chack P<200 20 dBm 10 dBm 0 dBm	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#		Count 100/100
MultiView (3) Sp Ref Level 33.00 dBm 1 Spectrum Emission 30 dBm imit Check P<200 20 dBm 10 dBm	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#		Count 100/100
MultiView B Sp Ref Level 33.00 dBm 1 Spectrum Emission 30 dBm innit Chack P<200 20 dBm 10 dBm 0 dBm	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#		Count 100/100
MultiView     Sp       Ref Level 33.00 dBm       10 dBm       0 dBm       -10 dBm	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#		Count 100/100
MultiView B Sp Ref Level 33.00 dBm 1 Spectrum Emission 30 dBm imit Check P<200 20 dBm 10 dBm -10 dBm -20 dBm	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#		Count 100/100
MultiView         Sp           Ref Level 33.00 dBm         I           10 dBm         P<200	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#		Count 100/100    IRm Avg   IRm Avg   IRm Avg   IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  I
MultiView         Sp           Ref Level 33.00 dBm           I Spectrum Emission           30 dBm_limit.Chdck.           P<200	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#		Count 100/100
MultiView         Sp           Ref Level 33.00 dBm         I           10 dBm         P<200	ectrum Offset 8.00 dB	Mode Auto Swee	p	B#		Count 100/100    IRm Avg   IRm Avg   IRm Avg   IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  IRm Avg  I
MultiView         Sp           Ref Level 33.00 dBm         1           30 dBm	ectrum Offset 8.00 dB	Mode Auto Swee	p S	B#		Count 100/100    IRM Avg   IRM Avg   IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IRM Avg  IR
MultiView B Sp Ref Level 33.00 dBm I Spectrum Emission 30 dBm init Check P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm	ectrum Offset 8.00 dB	Mode Auto Swee	p S S S S Tx Power	2.0 MHz/		Count 100/100
MultiView       Sp         Ref Level 33.00 dBm         10 dBm         10 dBm         10 dBm         -0 dBm         -20 dBm         -30 dBm         -20 dBm	ectrum Offset 8.00 dB Mask	Mode Auto Swee	s Tx Power Tx Bandwidt	2.0 MHz/	Power F 68,46 (	Count 100/100
MultiView         Sp           Ref Level 33.00 dBm         Imit Chick           30 dBm         Imit Chick           9<200	ectrum Offset 8.00 dB Mask	Mode Auto Swee	Tx Power Tx Bandwidt Frequency 812.9040 MHz 812.91900 MHz 812.91900 MHz	2.0 MHz/ 2.0 MHz/ 2.0 MHz/ 2.0 MHz 2.0 MHz - 45.77 dBn - 45.77 dBn - 49.06 dBm	Power F -68.46 ( -71.74 (	Count 100/100
MultiView       Sp         Ref Level 33.00 dBm         1       Spectrum Emission         30 dBm       P<200	ectrum Offset 8.00 dB Mask	Mode Auto Swee	s Tx Power Tx Bandwidt Frequency 810.19048 MHz	2.0 MHz/ r 22.69 dBm 10.000 MHz Power Abs -45.77 dBn	Power F -68.46 -71.74 -54.74 -63.69	Count 100/100
MultiView         Sp           Ref Level 33.00 dBm           1 Spectrum Emission           30 dBm/imit Chdck           P<200	ectrum Offset 8.00 dB Mask	Mode Auto Swee           PAS           Image: PAS           Image	Tx Power Tx Bandwidt Frequency 812.9040 MHz 812.91900 MHz 812.91900 MHz	2.0 MHz/ 2.0 MHz/ 2.0 MHz/ 2.0 MHz/ 2.0 MHz 2.0 MHz 2.0 MHz 2.0 MHz 2.0 MHz 2.0 MHz 4.0 MHz 2.0 MHZ	Power F -68.46 -71.74 -54.74	Count 100/100

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MultiView												
Ref Level 33.00		8.00 dB		Mode Auto Swee	p							100/100
1 Spectrum Emi 30 dBmLimit Chec		, .		PAS	3						•	IRm Avg
P<200												
20 dBm												
10 dBm												
0 dBm								7				
-10 dBm												
-10 0811												
-20 dBm		1	+					-	r			
-30 dBm									1			
-40 dBm	- man	m							home	man	man	whenhy
	·											
-50 dBm												
-60 dBm												
CF 819.0 MHz				1001 pts			2.0 MHz/				Span	20.0 MHz
2 Result Summa Sub Block A	ary	Cen	nter 8	319.00 MHz			22.27 dBm			RBW	100.000	кНz
Range Lov	N Ra	ange Up		RBW	Frequ	Bandwidth uency	10.000 MHz Power Abs -35.73 dBn		Powe	r Rel	ΔLi	None mit
-10.000 MHz -5.038 MHz	z -5.0	038 MHz 000 MHz		100.000 kHz 100.000 kHz	813.952 813.981	.00 MHz	-32.23 dBn	n	-58.00 -54.50	OdB	-22.7 -12.2	3 d B
5.000 MHz 5.038 MHz		038 MHz 000 MHz		100.000 kHz 100.000 kHz	824.019 824.068		-31.76 dBn -34.40 dBn		-54.0		-11.7 -21.4	
Date: 19.SEP.2017	Spectrum				nannel Lo	w-Full R	B#					
MultiView == Ref Level 33.00	<b>Spectrum</b> 0 dBm Offset	8.00 dB		Ch Mode Auto Swee		w-Full R	B#					100/100
MultiView 🌐	<b>Spectrum</b> 0 dBm Offset	8.00 dB			p	w-Full R	B#					
MultiView Ref Level 33.00 I Spectrum Em 30 dBmLimit Char	<b>Spectrum</b> 0 dBm Offset	8.00 dB		Mode Auto Swee	p	w-Full R	B#					100/100
MultiView 33.00 Ref Level 33.00 I Spectrum Em Jo dBmLimit Chec P<200 20 dBm	<b>Spectrum</b> 0 dBm Offset	8.00 dB		Mode Auto Swee	p	w-Full R	B#					100/100
MultiView Ref Level 33.00 I Spectrum Em 30 dBm Limit Chec P<200 20 dBm 10 dBm	<b>Spectrum</b> 0 dBm Offset	8.00 dB		Mode Auto Swee	p	w-Full R	B#					100/100
MultiView 33.00 Ref Level 33.00 I Spectrum Em Jo dBmLimit Chec P<200 20 dBm	<b>Spectrum</b> 0 dBm Offset	8.00 dB		Mode Auto Swee	p	w-Full R	B#					100/100
MultiView Ref Level 33.00 I Spectrum Em 30 dBm Limit Chec P<200 20 dBm 10 dBm	<b>Spectrum</b> 0 dBm Offset	8.00 dB		Mode Auto Swee	p	w-Full R	B#					100/100
MultiView Ref Level 33.00 I Spectrum Em 30 dBm_init Chec P<200 20 dBm 10 dBm 0 dBm	<b>Spectrum</b> 0 dBm Offset	8.00 dB		Mode Auto Swee	p	w-Full R	B#					100/100
MultiView         33           Ref Level         33.00           I Spectrum Em         30           30         dBmLimit Chec           P<200	<b>Spectrum</b> 0 dBm Offset	8,00 dB		Mode Auto Swee	p	w-Full R	B#					100/100
MultiView         33           Ref Level         33.00           I Spectrum Em         30           30 dBmLimit Chec         P<200	<b>Spectrum</b> 0 dBm Offset	8.00 dB		Mode Auto Swee	p	w-Full R	B#					100/100
MultiView           Ref Level 33.00           I Spectrum Em           30 dBm_Linit Chec           P<200	<b>Spectrum</b> 0 dBm Offset	8.00 dB		Mode Auto Swee	p	w-Full R	B#			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		100/100
MultiView         33           Ref Level         33.00           I Spectrum Em         30           30 dBmLimit Chec         P<200	<b>Spectrum</b> 0 dBm Offset	8.00 dB		Mode Auto Swee	p	w-Full R	B#					100/100
MultiView         Sef Level 33.00           I Spectrum Em         30 dBm Limit Chec           30 dBm Limit Chec         P<200	<b>Spectrum</b> 0 dBm Offset	8,00 dB		Mode Auto Swee	p	w-Full R	B#					100/100
MultiView         Image: Constraint Char Const	<b>Spectrum</b> 0 dBm Offset	8.00 dB		Mode Auto Swee	P	w-Full R	B#					100/100 IRm Avg
MultiView         33           Ref Level         33.00           1         Spectrum Em           30         dBm_Limit Chec           P<200	Spectrum 0 dBm Offset ission Mask //			Mode Auto Swee	P		2.0 MHz/				Span	100/100 IRm Avg
MultiView         3           Ref Level         33.00           I Spectrum Em         30.00           30 dBm	Spectrum 0 dBm Offset ission Mask k 	Cer		Mode Auto Swee PAS Auto Swee Auto Sw	P S 	Tx Power Bandwidth	2.0 MHz/ 22.27 dBm 10.000 MHz			RBW	Span	100/100 IRm Avg ////////////////////////////////////
MultiView           Ref Level 33.00           I Spectrum Em           30 dBm Limit Chec           9<200	Spectrum 0 dBm Offset ission Mask de ary w Ra z -5.0	Cer nge Up J38 MHz		Mode Auto Swee PAS	P S Tx Freq 813.931	Tx Power Bandwidth uency 999 MHz	2.0 MHz/ 22.27 dBm 10.000 MHz Power Abs -35.09 dBr	n	Powe	RBW r Rel 7 dB	Span 100.000	20.0 MHz KHz None mit 1 dB
MultiView         E           Ref Level 33.00         I           30 dBm_limit Chdc         P<200	Spectrum 0 dBm Offset ission Mask k k w ary w Ra z z -5.0 z z -5.0 z z -5.0	Cer ange Up 038 MHz 000 MHz 338 MHz		Mode Auto Swee  PAS  PAS  PAS  PAS  PAS  PAS  PAS  P	P	Tx Power Bandwidth uency 99 MHz 00 MHz	2.0 MHz/ 22.27 dBm 10.000 MHz 	n n n	-57.3 -54.49 -53.98	RBW r Rel 7 dB 9 dB 8 dB	Span 100.000 1.22.1 -12.7	20.0 MHz kHz None mit 1 dB 0 dB
MultiView         33           Ref Level         33.00           1         Spectrum Em           30         dBmLimit Chec           P<200	Spectrum 0 dBm Offset ission Mask k k w ary w Ra z z -5.0 z z -5.0 z z -5.0	Cer nge Up 338 MHz 300 MHz		Mode Auto Swee PAS	P	Tx Power Bandwidth uency 99 MHz 00 MHz	2.0 MHz/ 2.0 MHz/ 22.27 dBm 10.000 MHz -35.09 dBm -32.01 dBm	n n n	-57.3 -54.4 -53.9 -57.2	RBW r Rel 7 dB 9 dB 8 dB	Span 100.000 1.22.1 -12.2 -11.7 -21.9	20.0 MHz kHz kHz 1 dB 1 dB
MultiView         E           Ref Level 33.00         I           30 dBm_limit Chdc         P<200	Spectrum 0 dBm Offset ission Mask k	Cer ange Up 038 MHz 000 MHz 338 MHz		Mode Auto Swee  PAS  PAS  PAS  PAS  PAS  PAS  PAS  P	P	Tx Power Bandwidth uency 99 MHz 00 MHz	2.0 MHz/ 22.27 dBm 10.000 MHz 	n n n	-57.3 -54.4 -53.9 -57.2	RBW r Rel 9 dB 9 dB 8 dB 6 dB	Span 100.000 1.22.1 -12.2 -11.7 -21.9	20.0 MHz KHz mit 1 dB 1 dB 8 dB



MultiView 😁 Spe	ctrum										
Ref Level 33.00 dBm	Offset 8.00 dB	Mode A	uto Sweep							Count	100/100
1 Spectrum Emission N 30 dBmLimit Check	Mask		PASS								1Rm Avg
P<200											
20 dBm											
10 dBm											
0 dBm							<u> </u>				
-10 dBm											
-20 dBm											
-30 dBm	,						$ \land$				
	كسيويون وسيعد والالت							hours	when wh	n .	
-40 dBm											annorth -t-h
-50 dBm											
-60 dBm											
CF 819.0 MHz			1001 pts		:	2.0 MHz/				Span	20.0 MHz
2 Result Summary Sub Block A	Cen	iter 819.00 M	MHz		Tx Power	21.28 dBm			RBW	100.000	kHz
Range Low	Range Up		BW		andwidth	10.000 MHz	s I	Powe	er Rel		None
-10.000 MHz -5.038 MHz	-5.038 MHz -5.000 MHz	100.0	00 kHz	813.9319 813.9810	9 MHz	Power Ab -37.62 dB -34.34 dB	m m	-58.9	OdB	-24.5 -14.3	i4 dB
5.000 MHz 5.038 MHz	5.038 MHz 10.000 MHz	100.0	00 kHz	824.0190 824.0480	O MHz	-33.37 dB -36.97 dB	m	-54.6	5 dB	-13.3	7 d B
Date: 19.SEP.2017 17:17:	:32		Chan	nnel Low	-Full RE	3#					
MultiView 😁 Spe	ctrum	Mada A		nnel Low	-Full RE	3#					
MultiView B Spe Ref Level 33.00 dBm	offset 8,00 dB	Mode A	Chan uto Sweep	nnel Low	-Full RE	3#					100/100
MultiView B Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 damLinit Cherk	offset 8,00 dB	Mode A		nnel Low	-Full RE	3#					
MultiView B Spe Ref Level 33.00 dBm	offset 8,00 dB	Mode A	uto Sweep	nnel Low	-Full RE	3#					100/100
MultiView 😁 Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLinit Chdck P<200 20 dBm	offset 8,00 dB	Mode A	uto Sweep	nnel Low	-Full RE	3#					100/100
MultiView B Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Chetk P<200	offset 8,00 dB	Mode A	uto Sweep		-Full RE	3#					100/100
MultiView 😁 Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLinit Chdck P<200 20 dBm	offset 8,00 dB	Mode A	uto Sweep		-Full RE	3#					100/100
MultiView Dependence Ref Level 33.00 dBm I Spectrum Emission N 30 dBmLimit Check P<200 20 dBm 10 dBm	offset 8,00 dB	Mode A	uto Sweep		-Full RE	3#					100/100
MultiView E Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Chelck P<200 20 dBm 10 dBm 0 dBm	offset 8,00 dB	Mode A	uto Sweep		-Full RE	3#					100/100
MultiView Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLinit Check P<200 20 dBm 10 dBm -10 dBm -20 dBm	offset 8,00 dB	Mode A	uto Sweep		-Full RE	3#					100/100
MultiView Spe Ref Level 33.00 dBm I Spectrum Emission N 30 dBmLimit Check. P<200 20 dBm 10 dBm 0 dBm -10 dBm	offset 8,00 dB	Mode A	uto Sweep		-Full RE	3#					100/100
MultiView Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLinit Check P<200 20 dBm 10 dBm -10 dBm -20 dBm	offset 8,00 dB	Mode A	uto Sweep		r-Full RE	3#					100/100
MultiView         Spe           Ref Level         33.00 dBm           1 Spectrum Emission N         30 dBmLinit. Chid.ck.           9<200	offset 8,00 dB	Mode A	uto Sweep		Full RE	3#					100/100
MultiView Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Check P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm	offset 8,00 dB	Mode A	uto Sweep		-Full RE	3#					100/100
MultiView Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Check P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm	offset 8,00 dB		PASS						Wyshing		100/100 IRm Avg
MultiView Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Check P<200 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -60 dBm -60 dBm -20 CF 819.0 MHz 2 Result Summary	Actrum Offset 8.00 dB		PASS			2.0 MHz/				Span	100/100 1Rm Avg 20.0 MHz
Multiview       Spe         Ref Level       33.00 dBm         1       Spectrum Emission N         30 dBmLinit. Chick.       P<200	Cen	ter 819.00 h	PASS		Tx Power 1 andwidth	2.0 MHz/ 21.36 dBm 10.000 MHz				Span 100.000	20.0 MHz kHz None
MultiView E Spe Ref Level 33.00 dBm 1 Spectrum Emission N 30 dBmLimit Check P<200 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -60 dBm -60 dBm -60 dBm -60 dBm -60 dBm -10 DHZ 2 Result Summary Sub Block A Range Low -1.000 MHz	Cen Range Up -5.038 MHz	ter 819.00 M	PASS PASS International Content International Content Internationa	Тх В. Freque 813.9319	Tx Power 1 andwidth ncy 9 9 MHz	2.0 MH2/ 21.36 dBm 10.000 MH2 Power Ab - <b>37.53 dB</b>	s	-58.8	er Rel 19 d B	Span 100.000 AL -24.5	20.0 MHz kHz kHz si d <b>B</b>
MultiView         Spe           Ref Level 33.00 dBm         33.00 dBm           10 dBm         90 dBm           10 dBm         90 dBm           -20 dBm         90 dBm           -30 dBm         90 dBm           -20 dBm         90 dBm           -20 dBm         90 dBm           -30 dBm         90 dBm           -50 dBm         90 dBm           -60 dBm         10 dBm           2 Result Summary         Sub Block A           Range Low         -10.000 MHz           -5.038 MHz         5.000 MHz           -5.038 MHz         5.000 MHz	Cen Range Up -5.038 MHz -5.038 MHz -5.038 MHz	ter 819.00 h	PASS           PASS           Image: state st	1 TX-Bu- Freque 813.9319 824.0190	Tx Power andwidth now 9 MHz 0 MHz 0 MHz	2.0 MHz/ 2.0 MHz/ 21.36 dBm 10.000 MHz -37.57 dB -33.18 dB -33.18 dB	m m	-58.8	er Rel 9 dB 0 dB	Span 100.000	20.0 MHz kHz None mit 3 dB 8 dB
Multiview         Spec           Ref Level         33.00 dBm           1         Spectrum Emission N           30 dBmLinit.Cbdck.         P<200	Cen Range Up -5.038 MHz -5.000 MHz	ter 819.00 h	PASS           PASS           Image: state st	Tx Ba Freque 813.9319	Tx Power andwidth now 9 MHz 0 MHz 0 MHz	2.0 MHz/ 2.0 MHz/ 21.36 dBm 10.000 MHz Power Ab - <b>37.53 dB</b> - <b>34.24 dB</b>	m m m	-58.8 -55.6 -54.5 -57.7	er Rel 9 dB 0 dB 4 dB 8 dB	Span 100.000 -24.5 -14.2 -13.1	20.0 MHz kHz kHz kHz kHz kHz kHz kHz kHz kHz k
MultiView         Spe           Ref Level 33.00 dBm         33.00 dBm           10 dBm         90 dBm           10 dBm         90 dBm           -20 dBm         90 dBm           -30 dBm         90 dBm           -20 dBm         90 dBm           -20 dBm         90 dBm           -30 dBm         90 dBm           -50 dBm         90 dBm           -60 dBm         10 dBm           2 Result Summary         Sub Block A           Range Low         -10.000 MHz           -5.038 MHz         5.000 MHz           -5.038 MHz         5.000 MHz	Cen Range Up -5.038 MHz 5.038 MHz 10.000 MHz	ter 819.00 h	PASS           PASS           Image: state st	1 TX-Bu- Freque 813.9319 824.0190	Tx Power andwidth now 9 MHz 0 MHz 0 MHz	2.0 MHz/ 2.0 MHz/ 21.36 dBm 10.000 MHz -37.57 dB -33.18 dB -33.18 dB	m m m	-58.8	er Rel 9 dB 0 dB	Span 100.000 -24.5 -14.2 -13.1	20.0 MHz kHz None mit 3 dB 8 dB

MultiView	🗊 Spectrur	n							$\bigtriangledown$
		et 8.00 dB • RB							
Att I Frequency S		1.01 ms 🖷 VB	WY 1 MHZ N	<b>Iode</b> Auto Sweep					ount 100/100 IRm Avg
								M1[1]	-59.94 dBr 806.0000 MH
30 dBm									806.0000 MH
20 dBm				7					
				/ ]					
10 dBm									
0 dBm									
-10 dBm			+						
	H1 -13.000 dBm-								
-20 dBm			+						
									0
-30 dBm			+			<u>Λ</u>			+
									$  \rangle$
-40 dBm			+ $-$	+					
				1 hr					
-50 dBm		. A	front	"huy	mun	$\left  \right $			++-
	$  \land  $	- manual			man	have for	mm	mm	$\sim$
м1 -68/48л	y hour	www							
805.0 MHz	I		1001	pts	2	.5 MHz/		I	830.0 MHz
							Measuring		20.09.2017
ate: 20.SEP.201	09:35:57			Channel I	_ow-1RB#				
ate: 20.SEP.201 MultiView	~	n		Channel I	_ow-1RB#				
MultiView	Spectrur	et 8.00 dB • RB	<b>W</b> 200 kHz <b>W</b> 1 MHz <b>N</b>		₋ow-1RB#				
MultiView 6	Spectrur OO dBm Offso 38 dB SWT	et 8.00 dB • RB	W 200 kHz W 1 MHz N	Channel I Iode Auto Sweep	_ow-1RB#	-			Count 100/100
MultiView Ref Level 36.0 Att I Frequency S	Spectrur OO dBm Offso 38 dB SWT	et 8.00 dB • RB	W 200 kHz W 1 MHz N		_ow-1RB#	:		M1[1]	▼ Count 100/100
MultiView 8 Ref Level 36.0 Att	Spectrur OO dBm Offso 38 dB SWT	et 8.00 dB • RB	W 200 kHz W 1 MHz N		_ow-1RB#	5			⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView 8 Ref Level 36.0 Att Frequency S 30 dBm-	Spectrur OO dBm Offso 38 dB SWT	et 8.00 dB • RB	W 200 kHz W 1 MHz N		_ow-1RB#				⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView 8 Ref Level 36.0 Att Frequency S 30 dBm-	Spectrur OO dBm Offso 38 dB SWT	et 8.00 dB • RB	W 200 kHz W 1 MHz N		_ow-1RB#				⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView 6 Ref Level 36, Att I Frequency S 30 dBm	Spectrur OO dBm Offso 38 dB SWT	et 8.00 dB • RB	W 200 kHz W 1 MHz N		_ow-1RB#				⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView 6 Ref Level 36, Att I Frequency S 30 dBm	Spectrur OO dBm Offso 38 dB SWT	et 8.00 dB • RB	W 200 kHz W 1 MHz N		_ow-1RB#				⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView 6 Ref Level 36,6 Att I Frequency S 30 dBm	Spectrur OO dBm Offso 38 dB SWT	et 8.00 dB • RB	W 200 kHz W 1 MHz N		_ow-1RB#				⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView 6 Ref Level 36,6 Att I Frequency S 30 dBm	Spectrur OO dBm Offso 38 dB SWT	et 8.00 dB • RB	W 200 kHz W 1 MHz N		_ow-1RB#			M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView         B           Ref Level         36.0           Att         IFrequency S           30 dBm         30           20 dBm         30           10 dBm         30           0 dBm         30	Spectrur OO dBm Offso 38 dB SWT	et 8.00 dB • RB	W 200 kHz W 1 MHz N		_ow-1RB#	w		M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView         B           Ref Level         36.0           Att         IFrequency S           30 dBm         30           20 dBm         30           10 dBm         30           0 dBm         30	Spectrur OO dBm Offso 38 dB SWT	et 8.00 dB • RB	W 200 kHz N		_ow-1RB#			M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView         B           Ref Level 36.0         Att           I Frequency S         30 dBm           20 dBm         30 dBm           10 dBm         90 dBm           -10 dBm         91 dBm	Spectrur 00 dBm Offs 38 dB SWT weep	et 8.00 dB • RB	W 200 kHz N W 1 MHz N		_ow-1RB#			M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView         B           Ref Level 36.0         Att           I Frequency S         30 dBm           20 dBm         30 dBm           10 dBm         90 dBm           -10 dBm         91 dBm	Spectrur 00 dBm Offs 38 dB SWT weep	et 8.00 dB • RB	W 200 kHz N W 1 MHz N		_ow-1RB#			M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView         Barrow         Barr	Spectrur 00 dBm Offs 38 dB SWT weep	et 8.00 dB • RB	W 200 kHz N		_ow-1RB#	w		M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView         Barrow         Barrow <thbarrow< th=""> <thbarrow< th=""> <thbarrow<< td=""><td>Spectrur 00 dBm Offs 38 dB SWT weep</td><td>et 8.00 dB • RB</td><td>W 200 kHz N</td><td></td><td>_ow-1RB#</td><td></td><td></td><td>M1[1]</td><td>⊂ Count 100/100 ● 1Rm Avg -45.74 dBr</td></thbarrow<<></thbarrow<></thbarrow<>	Spectrur 00 dBm Offs 38 dB SWT weep	et 8.00 dB • RB	W 200 kHz N		_ow-1RB#			M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView         See Level 36.0           Att         I Frequency S           30 dBm         30           20 dBm         90           10 dBm         90           -10 dBm         90           -30 dBm         90	Spectrur O dBm Offs 33 dB SWT WCCP	et 8.00 dB • RB	W 200 kHz N		_ow-1RB#			M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView           Ref Level 36.4           Att           IFrequency S           30 d8m           20 d8m           10 d8m           -10 d8m           -20 d8m           -30 d8m	Spectrur 00 dBm Offs 38 dB SWT weep	et 8.00 dB • RB			_ow-1RB#			M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView         State           Ref Level 36.4         Att           I Frequency S         30 dBm           20 dBm         30 dBm           10 dBm         0 dBm           -10 dBm	Spectrur O dBm Offs 33 dB SWT WCCP	et 8.00 dB • RB			_ow-1RB#			M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView           Ref Level 36.4           Att           IFrequency S           30 d8m           20 d8m           10 d8m           -10 d8m           -20 d8m           -30 d8m	Spectrur O dBm Offs 33 dB SWT WCCP	et 8.00 dB • RB			_ow-1RB#			M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView           Ref Level 36.4           Att           IFrequency S           30 dBm           20 dBm           10 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -40 dBm           -50 dBm	Spectrur O dBm Offs 33 dB SWT WCCP	et 8.00 dB • RB			_ow-1RB#			M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView           Ref Level 36.4           Att           Frequency S           30 dBm           20 dBm           10 dBm           10 dBm           20 dBm           30 dBm           30 dBm           40 dBm           40 dBm           50 dBm	Spectrur O dBm Offs 33 dB SWT WCCP	et 8.00 dB • RB			_ow-1RB#			M1[1]	⊂ Count 100/100 ● 1Rm Avg -45.74 dBr
MultiView           Ref Level 36.1           Att           I Frequency S           30 dBm           20 dBm           10 dBm           20 dBm           30 dBm           30 dBm           40 dBm           40 dBm           50 dBm           60 dBm	Spectrur O dBm Offs 33 dB SWT WCCP	et 8.00 dB • RB				.5 MHz/		M1[1]	Count 100/100   IRm Avg  -45.74 dBn  806.0000 MH  -45.74 dBn  806.0000 MH  -45.74 dBn  806.0000 MH  806.0000 MH  806.0000 MH  800.000 MH
MultiView         State           Ref Level 36.4         Att           I Frequency S         30 dBm           20 dBm         30 dBm           10 dBm         0 dBm           -10 dBm	Spectrur O dBm Offs 33 dB SWT WCCP	et 8.00 dB • RB						M1[1]	Count 100/100     IPm Avg     -45.74 dBn     806.0000 MH

MultiView	Spectrum								$\nabla$
	0 dBm Offset	: 8.00 dB • RBV	<b>V</b> 200 kHz						Ľ
Att 1 Frequency S	38 dB SWT	1.01 ms 🖷 VBV	V 1 MHz Mo	de Auto Sweep					Count 100/100 1Rm Avg
								M1[1]	-59.94 dBi 806.0000 MH
30 dBm									
20 dBm									
10 dBm									
0 dBm									
-10 dBm									
	H1 -13.000 dBm								
-20 dBm									
									Δ
-30 dBm			<u> </u>			Λ			+/
10 10									1/1
-40 dBm				L.					
-50 dBm			and and	my					$\downarrow \downarrow \downarrow$
M1	Λ	mont	·		mum	from for	mmm	mm	$\downarrow$ $\searrow$
-68/48	J www	~~V~							~
805.0 MHz			1001 pt	S	2	.5 MHz/			830.0 MH
Date: 20.SEP.201 MultiView	Spectrum			Channel L	.ow-1 RB‡	<i>‡</i>	Measuring		20.09.201 09:35:5
Date: 20.SEP.201 MultiView B Ref Level 36.0	Spectrum	: 8.00 dB • RBV	<b>V</b> 200 kHz			ŧ	Measuring		09:35:5
Date: 20.SEP.201 MultiView	B Spectrum 00 dBm Offset 38 dB SWT		<b>V</b> 200 kHz			<i>‡</i>	Meosuring		09:35:5 Count 100/100 • 1Rm Avg
Date: 20.SEP.201 MultiView P Ref Level 36.0 Att	B Spectrum 00 dBm Offset 38 dB SWT	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>‡</i>	Measuring		09:35:5 v
MultiView E Ref Level 36.0 Att 30 dBm-	B Spectrum 00 dBm Offset 38 dB SWT	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>‡</i>	Measuring		09:35:5
MultiView F Ref Level 36.0 Att 1 Frequency S	B Spectrum 00 dBm Offset 38 dB SWT	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>‡</i>	Measuring		09:35:5
Date: 20.SEP.201 MultiView E Ref Level 36.0 Att I Frequency S 30 dBm- 20 dBm-	B Spectrum 00 dBm Offset 38 dB SWT	: 8.00 dB • RBV	<b>V</b> 200 kHz			¢	Measuring		09:35:5
MultiView E Ref Level 36.0 Att 30 dBm-	B Spectrum 00 dBm Offset 38 dB SWT	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>‡</i>		M1[1]	09:35:5
Date: 20.SEP.201 MultiView E Ref Level 36.0 Att I Frequency S 30 dBm- 20 dBm-	B Spectrum 00 dBm Offset 38 dB SWT	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>‡</i>	Measuring		09:35:5
Date: 20.SEP.201           MultiView           Ref Level           36.0           Att           1 Frequency S           30 dBm           20 dBm           10 dBm           0 dBm	B Spectrum 00 dBm Offset 38 dB SWT	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>‡</i>		M1[1]	09:35:5
Date: 20.SEP.201 MultiView Ref Level 36.0 Att IFrequency S 30 dBm 20 dBm 10 dBm -10 dBm -10 dBm	B Spectrum 00 dBm Offset 38 dB SWT	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>‡</i>		M1[1]	09:35:5
Date: 20.SEP.201 MultiView Ref Level 36.0 Att IFrequency S 30 dBm 20 dBm 10 dBm -10 dBm -10 dBm	Spectrum O dBm Offset 38 dB SWT weep	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>t</i>		M1[1]	09:35:5
MultiView         P           Ref Level         36.0           Att         1           1 Frequency S         30 dBm           20 dBm         10 dBm           10 dBm         -10 dBm	Spectrum O dBm Offset 38 dB SWT weep	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>‡</i>		M1[1]	09:35:5
MultiView         P           Ref Level         36.0           Att         1           1 Frequency S         30 dBm           20 dBm         10 dBm           10 dBm         -10 dBm	Spectrum O dBm Offset 38 dB SWT weep	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>t</i>		M1[1]	© 09:35:5 Count 100/100 ● 1Rm Avg -44.95 dBi 806.0000 MH
MultiView         Pate: 20.SEP.201           Ref Level 36.0         Att           1 Frequency S         30 dBm           20 dBm         10 dBm           10 dBm         -0 dBm           -20 dBm         -30 dBm	Spectrum O dBm Offset 38 dB SWT weep	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>t</i>		M1[1]	09:35:5
MultiView         P           Ref Level         36.0           Att         1           1 Frequency S         30 dBm           20 dBm         10 dBm           10 dBm         -10 dBm           -20 dBm         -20 dBm	Spectrum O dBm Offset 38 dB SWT weep	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>t</i>		M1[1]	© 09:35:5 Count 100/100 ● 1Rm Avg -44.95 dBi 806.0000 MH
MultiView         Pate:           Ref Level 36.0         Att           1 Frequency S         30 dBm           20 dBm         10 dBm           10 dBm         -0 dBm           -30 dBm         -40 dBm	Spectrum O dBm Offset 38 dB SWT weep	: 8.00 dB • RBV	<b>V</b> 200 kHz			<i>t</i>		M1[1]	© 09:35:5 Count 100/100 ● 1Rm Avg -44.95 dBi 806.0000 MH
MultiView         Pate:           Ref Level 36.0         Att           1 Frequency S         30 dBm           20 dBm         10 dBm           10 dBm         -0 dBm           -20 dBm         -30 dBm	Spectrum O dBm Offset 38 dB SWT weep	: 8.00 dB • RBV	<b>V</b> 200 kHz					M1[1]	© 09:35:5 Count 100/100 ● 1Rm Avg -44.95 dBi 806.0000 MH
MultiView         Pate:           Ref Level 36.0         Att           1 Frequency S         30 dBm           20 dBm         10 dBm           10 dBm         0 dBm           -20 dBm	Spectrum O dBm Offset 38 dB SWT weep	: 8.00 dB • RBV	<b>V</b> 200 kHz					M1[1]	©9:35:5 Count 100/100 ●1Rm Avg -44.95 dB 806.0000 MF 806.0000 MF
MultiView         Pate:           Ref Level 36.0         Att           1 Frequency S         30 dBm           20 dBm         20 dBm           10 dBm         0 dBm           -20 dBm	Spectrum O dBm Offset 38 dB SWT weep	: 8.00 dB • RBV	<b>V</b> 200 kHz	de Auto Sweep	.ow-1 RB#	¢		M1[1]	Count 100/100 1Rm Avg -44.95 dB 806.0000 MH 806.0000 MH -44.95 dB 806.0000 MH -44.95 dB 806.0000 MH -44.95 dB 806.0000 MH -44.95 dB 806.0000 MH -44.95 dB 806.0000 MH

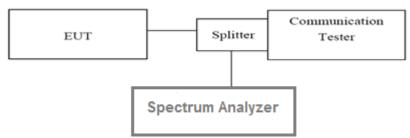
# 5.4. Emission mask-Out band emissions

#### LIMIT

Part 90.691 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

#### TEST CONFIGURATION



## TEST PROCEDURE

- 1. The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation.
- 2. The resolution bandwidth of the spectrum analyzer was set at 1MHz, sufficientscans were taken to show the out of band Emissions if any up to 10th harmonic.
- 3. For the out of band: Set the RBW= 1MHz, VBW = 3MHz, Start=30MHz, Stop= 10th harmonic.

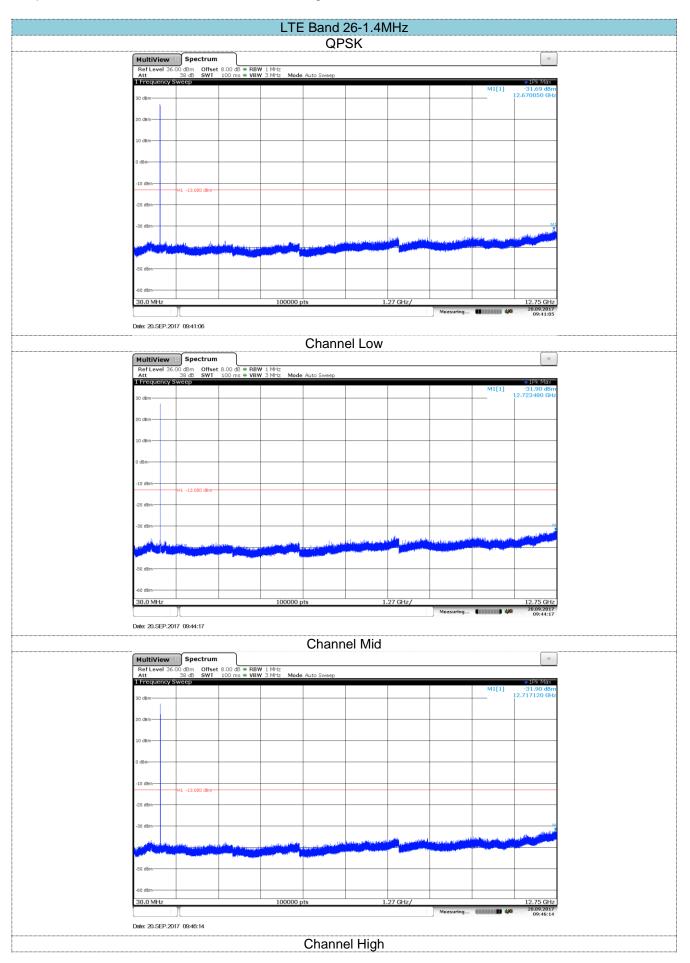
### TEST MODE:

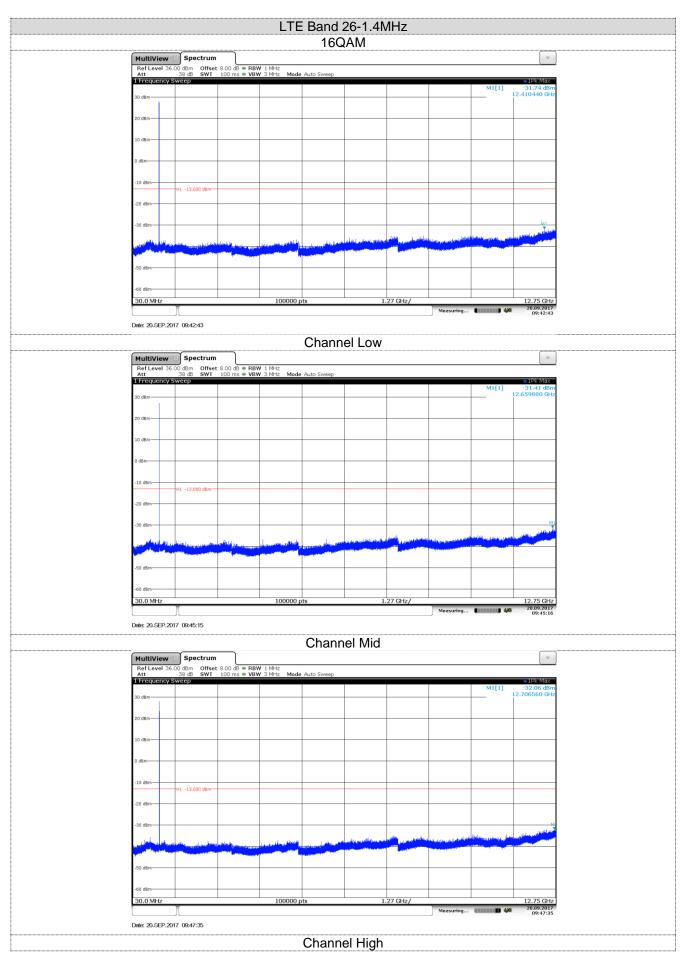
Please refer to the clause 3.3

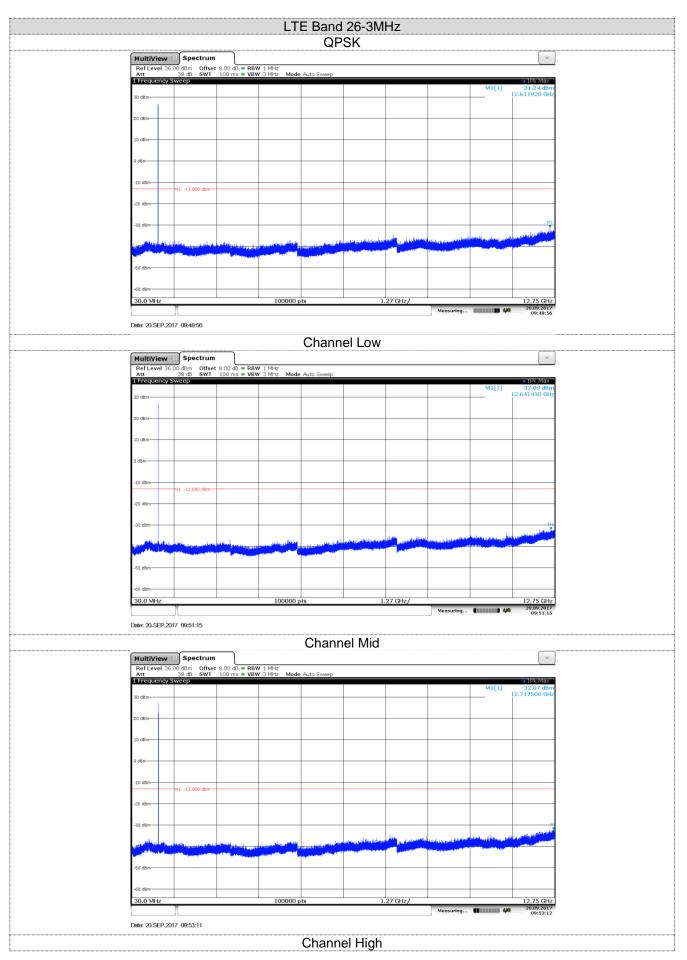
### TEST RESULTS

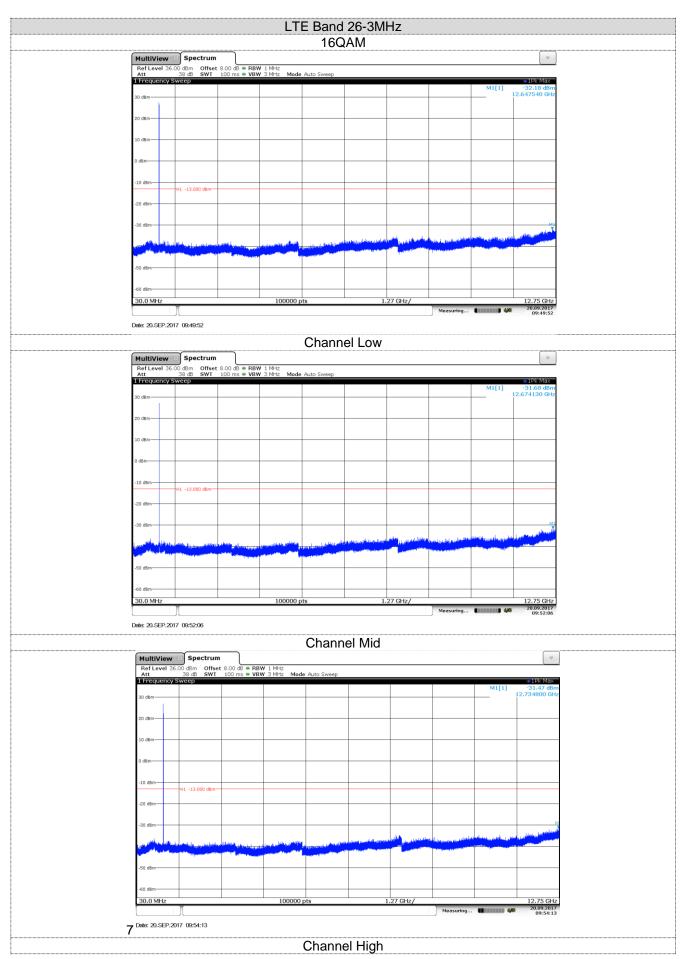
🛛 Passed

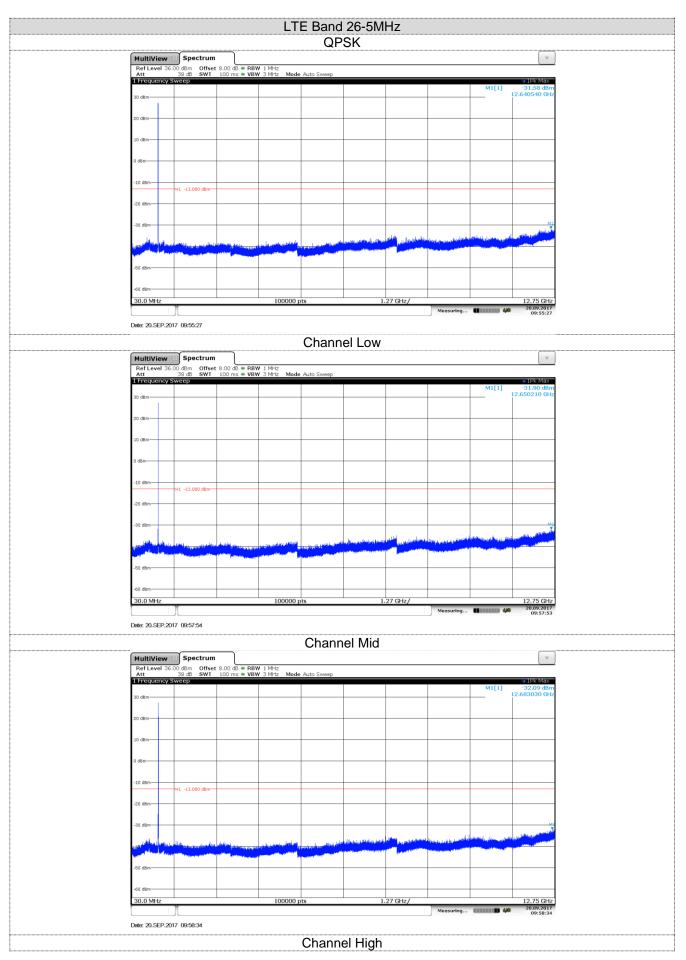
Not Applicable

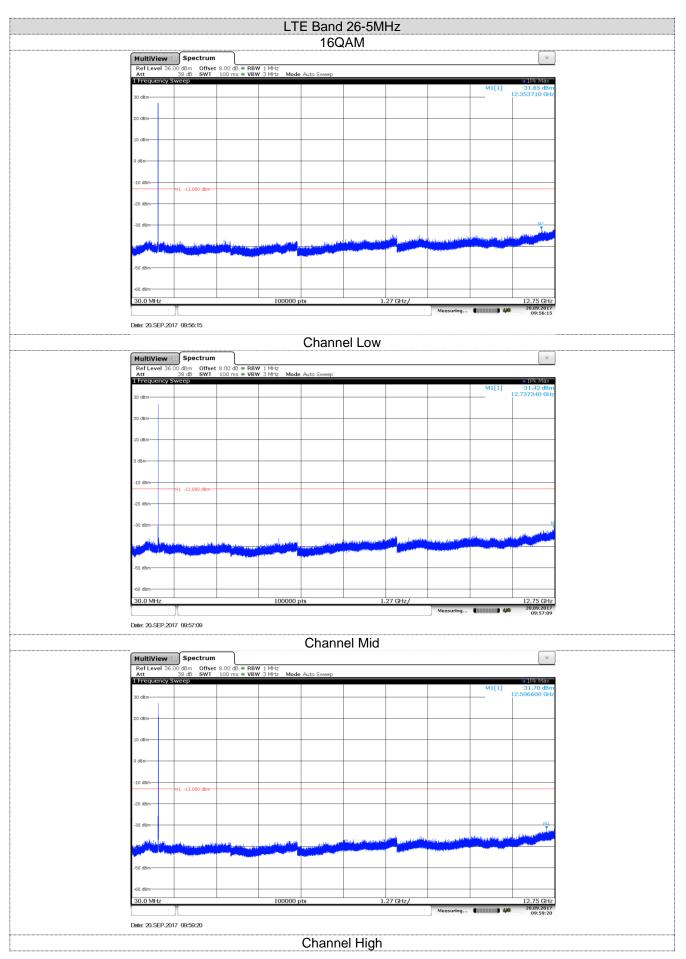


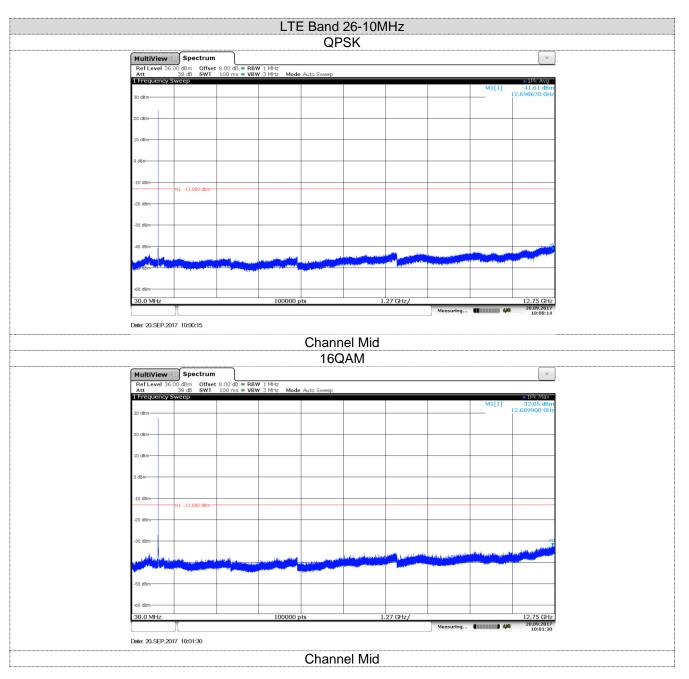


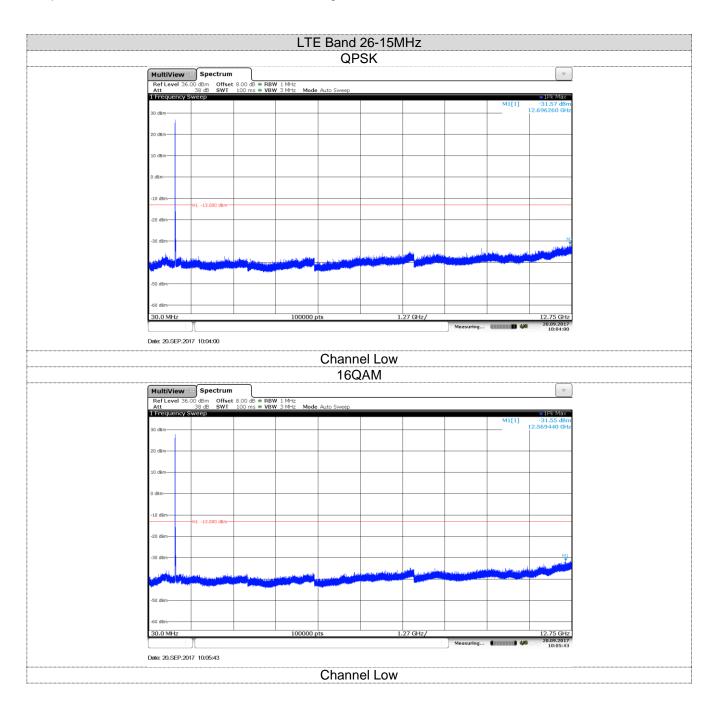








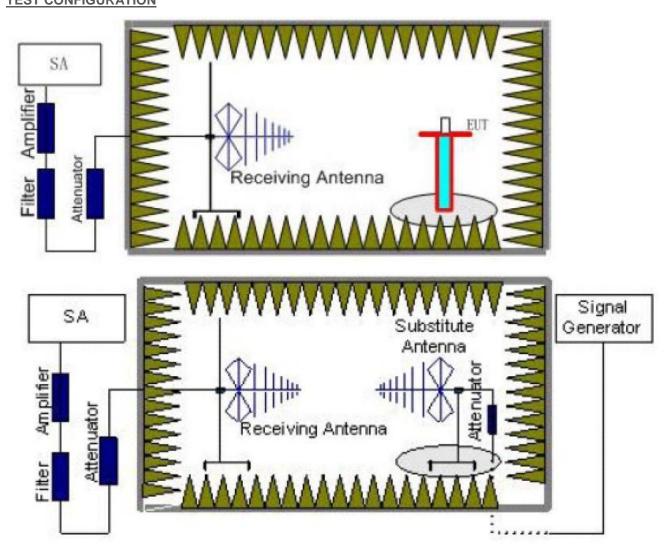




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LIMIT

LTE Band 26:<-13dBm TEST CONFIGURATION



# TEST RESULTS

- EUT was placed on a 0.8 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna shall be moved from 1m to 4m. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.
- 2. A log-periodic antenna or double-ridged waveguide horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
- 3. The EUT is then put into continuously transmitting mode at its maximum power level during the test.Set Test Receiver or Spectrum RBW=1MHz,VBW=3MHz for above 1GHz and RBW=100kHz,VBW=300kHz for 30MHz to 1GHz, And the maximum value of the receiver should be recorded as (Pr).
- 4. The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest isconnected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (PMea) is applied to the input of the

substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (Pr). The power of signal source (PMea) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

- A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (PcI) ,the Substitution Antenna Gain (Ga) and the Amplifier Gain (PAg) should be recorded after test.
- The measurement results are obtained as described below: Power(EIRP)=PMea- PAg - Pcl + Ga We used SMF100A micowave signal generator which signal level can up to 33dBm,so we not used power Amplifier for substituation test; The measurement results are amend as described below: Power(EIRP)=PMea- Pcl + Ga
- This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power.
   ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dBi.

### TEST MODE:

Please refer to the clause 3.3

#### TEST RESULTS

### ☑ Passed □ Not Applicable

#### Worst case at all bandwidth Mid Channel, expect bandwidth 15MHz use low channel

	LTE Band 26-1.4MHz								
Channel	Frequency	Spurious I	Emission	Limit (dBm)	Result				
Channel	(MHz)	Polarization	Level (dBm)		Result				
	1638	Vertical	-42.21						
	2457	V	-40.60	-13.00	Pass				
Mid	3276	V							
IVIIC	1638	Horizontal							
	2457	Н	-43.63	-13.00	Pass				
	3276	Н							

#### Remark:

- 1. Remark"----" means that the emission level is too low to be measured
- 2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

	LTE Band 26-3MHz									
Channel	Frequency	Spurious I	Limit (dBm)	Result						
Channel	(MHz)	Polarization	Level (dBm)		Result					
	1638	Vertical	-44.35							
	2457	V	-41.76	-13.00	Pass					
Mid	3276	V								
IVIIQ	1638	Horizontal	-45.38							
	2457 H -42.64 -13.00 Pass									
	3276	Н								

#### Remark:

- 1. Remark"---- " means that the emission level is too low to be measured
- 2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

	LTE Band 26-5MHz									
Channel	Frequency	Spurious	Emission	Limit (dBm)	Result					
Channel	(MHz)	Polarization	Level (dBm)		Result					
	1638	Vertical	-41.52							
	2457	V	-40.85	-13.00	Pass					
Mid	3276	V								
IVIIG	1638	Horizontal	-43.52							
	2457	Н	-43.66	-13.00	Pass					
	3276	Н								

Remark:

1. Remark"---- " means that the emission level is too low to be measured

2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

		LTE Band	26-10MHz		
Channel	Frequency	Spurious	Emission	Limit (dPm)	Result
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
	1638	Vertical	-44.35		
	2457	V	-46.38	-13.00	Pass
Mid	3276	V			
IVIIG	1638	Horizontal	-45.74		
	2457	Н	-47.85	-13.00	Pass
	3276	Н			

#### Remark:

- 1. Remark"---" means that the emission level is too low to be measured
- 2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

		LTE Band	l 26-15MHz		
Channel	Frequency	Spurious	Emission	Limit (dDm)	Deput
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
	1638	Vertical	-44.66		
	2457	V	-42.65	-13.00	Pass
Low	3276	V			
Low	1638	Horizontal	-46.78		
	2457	Н	-43.52	-13.00	Pass
	3276	Н			

Remark:

1. Remark"----" means that the emission level is too low to be measured

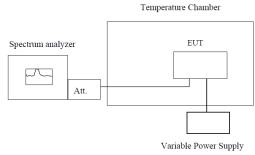
2. The emission levels of below 1 GHz are very lower than the limit and not show in test report.

# 5.6. Frequency stability V.S. Temperature measurement

**LIMIT** 

2.5ppm

## **TEST CONFIGURATION**



Note: Measurement setup for testing on Antenna connector

### TEST PROCEDURE

- 1. The equipment under test was connected to an external DC power supply and input rated voltage.
- 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators.
- 3. The EUT was placed inside the temperature chamber.
- 4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency.
- 5. Turn EUT off and set the chamber temperature to –30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency.
- 6. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

### **TEST MODE:**

Please refer to the clause 3.3

### **TEST RESULTS**

# ☑ Passed □ Not Applicable

#### Worst case

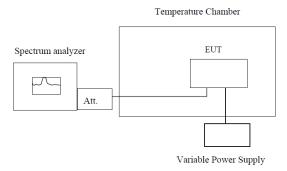
Re	eference Frequency	y: LTE Band	26 Middle o	hannel=81	9MHz,10MHz I	Bandwidth	
Device eventied	Tama anatuma		Freque	L ins it			
Power supplied (Vdc)	Temperature (°C)	QP	SK	16	60 AM	Limit (ppm)	Result
(100)	( 0)	Hz	ppm	Hz	ppm	(PPIII)	
	-30	15	0.018	29	0.035		
	-20	16	0.020	31	0.038		
	-10	14	0.017	32	0.039		
	0	15	0.018	30	0.037		
7.60	10	17	0.021	35	0.043	2.50	Pass
	20	18	0.022	29	0.035		
	30	16	0.020	31	0.038		
	40	19	0.023	28	0.034		
	50	17	0.021	33	0.040		

# 5.7. Frequency stability V.S. Voltagemeasurement

LIMIT

2.5ppm

### **TEST CONFIGURATION**



Note: Measurement setup for testing on Antenna connector

#### TEST PROCEDURE

- 1. Set chamber temperature to 25°C. Use a variable DC power source topower the EUT and set the voltage to rated voltage.
- 2. Set the spectrum analyzer RBW lowenough to obtain the desired frequency resolution and recorded the frequency.
- 3. Reduce the input voltage to specified extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.

#### **TEST MODE:**

Please refer to the clause 3.3

### **TEST RESULTS**

### ☐ Passed ☐ Not Applicable

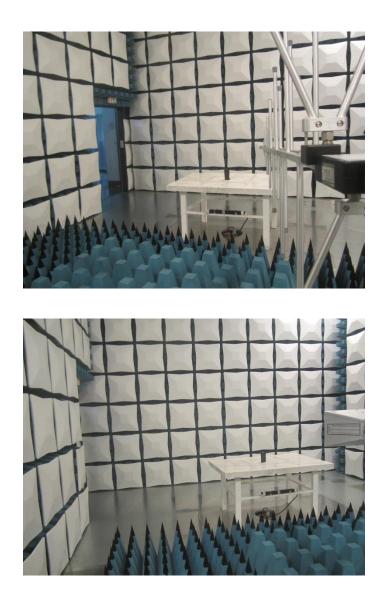
#### Worst case

Refe	erence Frequency	y: LTE Band	d 26 Middle	channel=819	MHz,10MHz	Bandwidth	
	Power		Freque	ency error		1.1	
Temperature (°C)	supplied	QF	SK	160	QAM	Limit (ppm)	Result
	(Vdc)	Hz	ppm	Hz	ppm	(ppiii)	
	8.74	11	0.013	29	0.035		
25	7.60	19	0.023	28	0.034	2.50	Pass
	6.46	17	0.021	36	0.044		

2017-09-20

# 6. Test Setup Photos of the EUT

Radiated emission:



# 7. External and Internal Photos of the EUT

Reference to the test report No.: TRE1705015001.

.....End of Report.....