



Report Reference No:	TRE1706017801 R/C: 89895	
FCC ID	QRP-AZUMIDABURU55	
Applicant's name:	Azumi S.A	
Address:	Avenida Aquilino de la Guardia con Calle 47, PH Ocean Pl Piso 16 of. 16-01, Marbella, Ciudad de Panama, Panama	aza,
Manufacturer	AZUMI HK LTD	
Address	FLAT/RM 18 BLK 1 14/F GOLDEN INDUSTRIAL BUILDIN 26 KWAI TAK STREET KWAI CHUNG,HK	G 16-
Test item description:	4G Mobile Phone	
Trade Mark		
Model/Type reference:	Daburu A55O	
Listed Model(s)	-	
Standard:	FCC Part 22: PUBLIC MOBILE SERVICES FCC Part 24: PERSONAL COMMUNICATIONS SERVICE	ES
Date of receipt of test sample:	Jun.20,2017	
Date of testing	Jun.21,2017 - Jul.05,2017	
Date of issue	Jul.06,2017	
Result:	Pass	
Compiled by (position+printedname+signature):	File administrators Candy Liu	
Supervised by (position+printedname+signature):	Project Engineer Lion Cai	تر.
Approved by (position+printedname+signature):	Manager Hans Hu	щ
Testing Laboratory Name: :	Shenzhen Huatongwei International Inspection Co., Lto	J.
Address	1/F, Bldg 3, Hongfa Hi-tech Industrial Park, Genyu Road, T	ianliao

Shenzhen Huatongwei International Inspection Co., Ltd. is acknowledged as copyright owner and source of the material. Shenzhen Huatongwei International Inspection Co., Ltd. takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

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.

Contents

<u>1.</u>	TEST STANDARDS AND REPORT VERSION	3
1.1.	Test standards	3
1.2.	Report version	3
<u>2.</u>	TEST DESCRIPTION	4
<u>3.</u>	SUMMARY	5
3.1.	Client Information	5
3.2.	Product Description	5
3.3.	Operation state	6
3.4.	EUT configuration	6
3.5.	Modifications	6
<u>4.</u>	TEST ENVIRONMENT	7
4.1.	Address of the test laboratory	7
4.2.	Test Facility	7
4.3.	Equipments Used during the Test	8
4.4.	Environmental conditions	9
4.5.	Statement of the measurement uncertainty	9
<u>5.</u>	TEST CONDITIONS AND RESULTS	10
5.1.	Conducted Output Power	10
5.2.	99% & -26 dB Occupied Bandwidth	12
5.3.	Conducted Spurious Emissions	22
5.4.	Band Edge	27
5.5.	ERP and EIRP	37
5.6.	Radiated Spurious Emission	40
5.7.	Frequency stability V.S. Temperature measurement	46
5.8.	Frequency stability V.S. Voltage measurement	48
5.9.	Peak-Average Ratio	50
<u>6.</u>	TEST SETUP PHOTOS OF THE EUT	53
<u>7.</u>	EXTERNAL AND INTERNAL PHOTOS OF THE EUT	54

1. Test standards and Report version

1.1. Test standards

The tests were performed according to following standards:

FCC Part 22: PRIVATE LAND MOBILE RADIO SERVICES.

FCC Part 24: PUBLIC MOBILE 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

<u>971168 D01 Power Meas License Digital Systems v02r02</u>: provides a methodology for fully characterizing the fundamental power of wideband (> 1 MHz) digitally modulated RF signals acceptable to the FCC for demonstrating compliance for licensed transmitters.

1.2. Report version

Version No.	Date of issue	Description
00	Jul.06, 2017	Original

2. Test Description

Test Item	Section in CFR 47	Result
	Part 2.1046	
RF Output Power	Part 22.913(a)	Pass
	Part 24.232(c)	
	Part 2.1049	
99% & -26 dB Occupied Bandwidth	Part 22.917(b)	Pass
	Part 24.238(b)	
	Part 2.1051	
Conducted Spurious Emissions	Part 22.917	Pass
	Part 24.238	
	Part 2.1051	
Band Edge	Part 22.917	Pass
	Part 24.238	
ERP and EIRP	Part 22.913(a)	Pass
	Part 24.232(b)	Pass
	Part 2.1053	
Radiated Spurious Emissions	Part 22.917	Pass
	Part 24.238	
	Part 2.1055(a)(1)(b)	
Frequency stability vs. temperature	Part 22.255	Pass
	Part 24.235	
	Part 2.1055(d)(1)(2)	
Frequency stability vs. voltage	Part 22.255	Pass
	Part 24.235	
Peak-Average Ratio	Part 24.232	Pass

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

3. SUMMARY

3.1. Client Information

Applicant:	Azumi S.A
Address:	Avenida Aquilino de la Guardia con Calle 47, PH Ocean Plaza, Piso 16 of. 16-01, Marbella, Ciudad de Panama, Panama
Manufacturer:	AZUMI HK LTD
Address:	FLAT/RM 18 BLK 1 14/F GOLDEN INDUSTRIAL BUILDING 16-26 KWAI TAK STREET KWAI CHUNG,HK

3.2. Product Description

Name of EUT:	4G Mobile Phone
Trade Mark:	-
Model No.:	Daburu A55O
Listed Model(s):	-
IMEI:	358474070004119
Power supply:	DC 3.85V From internal battery
Adapter information:	Input: 100-240Va.c., 50/60Hz,300mA Output: 5Vd.c., 2000mA
Hardware version:	AZUMI_DABURU_A55O_Hardware_V1.0
Software version:	AZUMI_DABURU_A55O_TELCEL_V01
2G:	
Support Network:	GSM, GPRS, EGPRS
Support Band:	GSM850, PCS1900
Modulation:	GSM/GPRS/EGPRS: GMSK EGPRS: 8PSK
Transmit Frequency:	GSM850: 824.20MHz-848.80MHz PCS1900: 1850.20MHz-1909.80MHz
Receive Frequency:	GSM850: 869.20MHz-893.80MHz PCS1900: 1930.20MHz-1989.80MHz
GPRS Class:	12
EGPRS Class:	12
Antenna type:	Integral Antenna
Antenna gain:	GSM850: 1.2dBi PCS1900: 1.2dBi
3G:	
Operation Band:	FDD Band II and FDD Band V
Power Class:	Power Class 3
Modilation Type:	QPSK/16QAM/64QAM/HSUPA/HSDPA
DC-HSUPA Release Version:	Not Supported
Antenna type:	Integral Antenna
Antenna gain:	Band II: 0.5dBi, Band V: 0.5dBi

3.3. Operation state

Test frequency list

GSM850		PCS1900	
Channel	Frequency (MHz) Channel		Frequency (MHz)
128	824.20	512	1850.20
190	836.60	661	1880.00
251	848.80	810	1909.80

FDD Band II		FDD Band V	
Channel	Frequency (MHz) Channel		Frequency (MHz)
9262	1852.4	4132	826.40
9400	1880.0	4183	836.60
9538	1907.6	4233	846.60

> <u>Test mode</u>

For RF test items

The EUT has been tested under typical operating condition. The Applicant providessoftware to control the EUT for staying in continoustransmitting and receiving mode for testing.

3.4. EUT configuration

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

- supplied by the manufacturer
- \bigcirc supplied by the lab

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

3.5. 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 Phone: 86-755-26748019 Fax: 86-755-26748089

4.2. Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

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.: 317478

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. Registration 317478.

IC-Registration No.: 5377B

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.

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

	Power(Conducted) &Occupi		n Bandwidth&Ba	and Edge	
No.	ance&Conducted Spurious E Equipment	mission Manufacturer	Model No.	SerialNo.	Last Cal.
1	UNIVERSAL RADIO COMMUNICATION	Rohde&Schwarz	CMU200	112012	2016/11/13
2	Spectrum Analyzer	Rohde&Schwarz	FSU26	201141	2016/11/13
3	Splitter	Mini-Circuit	ZAPD-4	400059	2016/11/13
	ncy Stability		1	1	I
No.	Equipment	Manufacturer	Model No.	SerialNo.	Last Cal.
1	UNIVERSAL RADIO COMMUNICATION	Rohde&Schwarz	CMU200	112012	2016/11/13
2	Spectrum Analyzer	Rohde&Schwarz	FSU26	201141	2016/11/13
3	Climate Chamber	ESPEC	EL-10KA	05107008	2016/11/13
4	Splitter	Mini-Circuit	ZAPD-4	400059	2016/11/13
	Power (Radiated) & Radiate		1		
No.	Equipment	Manufacturer	Model No.	SerialNo.	Last Cal.
1	UNIVERSAL RADIO COMMUNICATION	Rohde&Schwarz	CMU200	112012	2016/11/13
2	Spectrum Analyzer	Rohde&Schwarz	FSU26	201141	2016/11/13
3	HORNANTENNA	ShwarzBeck	9120D	1012	2016/11/13
4	HORNANTENNA	ShwarzBeck	9120D	1011	2016/11/13
5	Ultra-Broadband Antenna	ShwarzBeck	VULB9163	538	2016/11/13
6	Ultra-Broadband Antenna	ShwarzBeck	VULB9163	539	2016/11/13
7	TURNTABLE	MATURO	TT2.0		N/A
8	ANTENNA MAST	MATURO	TAM-4.0-P		N/A
9	EMI Test Software	Audix	E3	N/A	N/A
10	EMI Test Receiver	Rohde&Schwarz	ESIB 26	100009	2016/11/13
11	RF Test Panel	Rohde&Schwarz	TS / RSP	335015/ 0017	2016/11/13
12	High pass filter	Compliance Direction systems	BSU-6	34202	2016/11/13
13	Splitter	Mini-Circuit	ZAPD-4	400059	2016/11/13
14	Horn Antenna	SCHWARZBECK	BBHA9170	25841	2016/11/13
15	Horn Antenna	SCHWARZBECK	BBHA9170	25842	2016/11/13
16	Preamplifier	ShwarzBeck	BBV 9718	BBV 9718	2016/11/13
17	Broadband Preamplifier	ShwarzBeck	BBV743	9743-0079	2016/11/13
18	Signal Generator	Rohde&Schwarz	SMF100A	101932	2016/11/13
19	Amplifer	Compliance Direction systems	PAP1-4060	120	2016/11/13
20	TURNTABLE	ETS	2088	2149	2016/11/13
21	ANTENNA MAST	ETS	2075	2346	2016/11/13
22	HORNANTENNA	Rohde&Schwarz	HF906	100068	2016/11/13
23	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:

Normal Temperature/Tnor:	15~35°C
lative Humidity	30~60 %
Air Pressure	950-1050 hPa

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 compatibilityand Radio spectrum Matters (ERM);Uncertainties in the measurementof mobile radio equipment characteristics;Part 1"and TR-100028-02 "Electromagnetic compatibilityand Radio spectrum Matters (ERM);Uncertainties in the measurement 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 Huatongwei laboratory 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 Emission 9KHz-30MHz	3.39 dB	(1)
Radiated Emission 30~1000MHz	4.24 dB	(1)
Radiated Emissio 1~18GHz	5.16 dB	(1)
Radiated Emissio 18-40GHz	5.54 dB	(1)
Occupied Bandwidth		(1)
Emission Mask		(1)
Modulation Characteristic		(1)
Transmitter Frequency Behavior		(1)

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

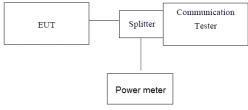
5. TEST CONDITIONS AND RESULTS

5.1. Conducted Output Power

LIMIT

N/A

TEST CONFIGURATION



Note: Measurement setup for testing on Antenna connector

TEST PROCEDURE

- 1. The transmitter output port was connected to base station.
- 2. The RF output of EUT was connected to the power meter 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

Report No.: TRE1706017801

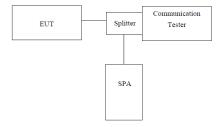
Page: 11 of 59

EUT Mode	Channel	Frequency (MHz)	Power (dBm)
	128	824.20	32.38
GSM 850 (GMSK)	190	836.60	32.34
(Cimorit)	251	848.80	32.33
	128	824.20	32.38
GPRS850 (GMSK,1Slot)	190	836.60	32.43
	251	848.80	32.34
50550050	128	824.20	27.25
EGPRS850 (8PSK,1Slot)	190	836.60	27.43
(01 513, 15101)	251	848.80	27.32
	512	1850.20	30.91
PCS1900 (GMSK)	661	1880.00	30.71
(GMOR)	810	1909.80	30.59
	512	1850.20	30.25
GPRS1900 (GMSK,1Slot)	661	1880.00	30.47
	810	1909.80	30.38
	512	1850.20	26.58
EGPRS1900 (8PSK,1Slot)	661	1880.00	26.47
(OF SIX, TSIOL)	810	1909.80	26.55
	9262	1852.40	21.75
WCDMA Band II	9400	1880.00	21.47
	9538	1907.60	21.38
	4132	826.40	21.44
WCDMA Band V	4183	836.60	21.52
	4233	846.60	21.38

5.2. 99% & -26 dB Occupied Bandwidth

N/A

TEST CONFIGURATION



Note: Measurement setup for testing on Antenna connector

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

Report No.: TRE1706017801

Page: 13 of 59

EUT Mode	Channel	Frequency (MHz)	99% Occupy bandwidth (KHz)	-26dB bandwidth (KHz)
	128	824.20	243.75	324.00
GSM 850 (GMSK)	190	836.60	245.75	319.60
(emory)	251	848.80	243.75	319.20
	128	824.20	245.75	321.10
GPRS850 (GMSK,1Slot)	190	836.60	246.75	320.50
	251	848.80	245.75	320.10
50000050	128	824.20	244.75	321.80
EGPRS850 (8PSK,1Slot)	190	836.60	243.75	322.60
	251	848.80	243.75	325.00
	512	1850.20	243.75	319.30
PCS1900 (GMSK)	661	1880.00	243.75	321.40
(emory)	810	1909.80	243.75	318.80
	512	1850.20	244.75	317.10
GPRS1900 (GMSK,1Slot)	661	1880.00	244.75	321.50
	810	1909.80	243.75	322.50
	512	1850.20	243.75	323.00
EGPRS1900 (8PSK,1Slot)	661	1880.00	243.75	319.30
	810	1909.80	244.75	320.40
	9262	1852.40	4145.85	4679.00
WCDMA Band II	9400	1880.00	4155.84	4685.00
	9538	1907.60	4145.85	4658.00
	4132	826.40	4155.84	4685.00
WCDMA Band V	4183	836.60	4145.85	4686.00
	4233	846.60	4135.86	4677.00



		G	PRS85	0 For G	MSK M	oudlatio	n		
MultiView	B Spectrum								
Att	6.00 dBm Offse 35 dB SWT	t 8.00 419 µs (~7.3 n	dB • RBW 10 ns) • VBW 30	kHz kHz Mode Auto	> FFT				
1 Occupied B	H1 31.280 dBm							M1[1]	1Pk Max 4.61 dBm
30 dBm	111 01.200 ubm			and the second s				D1[1]	24.039000 MHz 0.89 dB 321.100 kHz
20 dBm						T2			5211100 KH2
10 dBm			Ml			Q1			
0 dBm	H2 5.280 c	Bm	7						
-10 dBm			5				\sim		
		5					n n		
-20 dBm		/							
-30 dBm									
-40 dBm									
-50 dBm									
-60 dBm									
CF 824.2 MHz	z		1001 p	s	10	0.0 kHz/			Span 1.0 MHz
2 Marker Tab Type Re		X-Value		Y-Value		Function		Function R	esult
M1 T1	1 1	824.039 M 824.077123	νHz	4.61 dBm 17.13 dBm	Occ Bw		2	45.7542457	54 kHz
T2 D1 M1	1 1	824.322877 321.1 k	MHz KHZ	16.69 dBm 0.89 dB					
							Measuring	(29.06.2017 14:18:51
Date: 29.JUN.20	017 14:18:51								
				Chann	el 128				
MultiView									
Ref Level 36 Att 1 Occupied B	6.00 dBm Offse 35 dB SWT	t 8.00 419 µs (~7.3 n	dB • RBW 10 ns) • VBW 30	kHz kHz Mode Auto	> FFT				O 1 Dk Mov
30 dBm	H1 31.230 dBm							D1[1]	0.90 dE 320.500 kHz
				m	- ~ hy			M1[1] 8:	4.81 dBm 36.437700 MHz
20 dBm						NTO NO			
10 dBm	H2 5.230 c	Bm	MI						
0 dBm						<u> </u>			
-10 dBm		- Andrew - A	\checkmark			~	m		
-20 dBm		ſ					K		
	~~~								
-30 dBm									
-40 dBm									
-50 dBm									
-60 dBm									
CF 836.6 MHz 2 Marker Tab			1001 p	s	10	0.0 kHz/			Span 1.0 MHz
Type Re M1	ef Trc 1	X-Value 836.4377 M	Hz	Y-Value 4.81 dBm		Function		Function R	
T1 T2	1	836.477123 836.723876 <b>320.5</b>	MHz MHz	17.71 dBm 17.19 dBm	Occ Bw		2	46.7532467	<b>53 kHz</b>
D1 M1	1 1	320.5 k	Hz	0.90 dB			Measuring	() 4/0	29.06.2017
Date: 29.JUN.20	017 14:42:03								14:42:03
				Chann	ol 10∩				
MultiView	🗄 Spectrum			Unani	101 100				
	6.00 dBm Offse 35 dB SWT	t 8.00 419 us (~7 3 n	dB • RBW 10 (s) • VBW 30	kHz kHz <b>Mode</b> Auto	> FFT				
1 Occupied B	andwidth	та ра (**1.5 П						M1[1]	<ul> <li>1Pk Max</li> <li>5.03 dBm</li> </ul>
									48.640100 MHz 0.59 dB
30 dBm	H1 31.280 dBm			$\sim$	- m			D1[1]	
30 dBm	H1 31.280 dBm		T1	r -		J.		D1[1]	320.100 kHz
	H1 31.280 dBm		T1			A DE		D1[1]	320.100 kHz
20 dBm	H1 31,280 dBm H2 5,280 c	Bm	My			172 172 172		D1[1]	320.100 kHz
20 dBm		Bm	My			12 12 12		D1[1]	320.100 kHz
20 dBm		Bm	My					D1[1]	320.100 kHz
20 dBm		Bm	My			DI DI		D1[1]	320.100 kHz
20 dBm		Bm	MV				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	D1[1]	320.100 kHz
20 dBm		Sm	My			12 12		D1[1]	320.100 kHz
20 dBm		9 <i>m</i>	My			P1		D1[1]	320.100 kHz
20 dBm		Bm	MIV			P1		D1[1]	320.100 kHz
20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm -50 dBm -50 dBm	H2 5.200 c	8m		s		0.0 kHz/		D1[1]	
20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -30 dBm -50 dBm -50 dBm -60 dBm -20 dBm -20 dBm	++2 5.280 c		1001 p			0.0 kHz/			Span 1.0 MHz
20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -30 dBm -40 dBm -50 dBm	++2 5.280 c	X-Value 848.6401 M	1001 p	Y-Value 5.03 dBm		0.0 kHz/	2	Function Re	Span 1.0 MHz esult
20 dBm	+2 5.280 c	X-Value	1001 p 101 p Hz Hz	Y-Value	10 0cc Bw		2		Span 1.0 MHz sult 54 kHz
20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -50 dBm -60 dBm -60 dBm -70 dBm	+2 5.280 c	X-Value 848.6401 M 848.677123 848.922877	1001 p 101 p Hz Hz	Y-Value 5.03 dBm 17.80 dBm 17.67 dBm				Function Re	Span 1.0 MHz esult 254 kHz
20 dBm	+2 5.280 c	X-Value 848.6401 M 848.677123 848.922877	1001 p 101 p Hz Hz	Y-Value 5.03 dBm 17.80 dBm 17.67 dBm				Function Rr 45.7542457	Span 1.0 MHz esult 54 kHz 29.06.2017
20 dBm 10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -50 dBm -60 dBm -60 dBm -60 dBm -70 CF 848.8 MHz 2 Marker Tab Type Re M1 T1 T2 D1 M;	+2 5.280 c	X-Value 848.6401 M 848.677123 848.922877	1001 p 101 p Hz Hz	Y-Value 5.03 dBm 17.80 dBm 17.67 dBm	Occ Bw			Function Rr 45.7542457	Span 1.0 MHz esult 54 kHz 29.06.2017

			CDDCS	50 Eor	8PSK M	oudlatic	n		
MultiView	🖽 Spectrum		GENGO			ouulatic	// 1		_
		t 8.00 419 μs (~7.3 m	dB • RBW 10	kHz	- 555				
<ul> <li>Att</li> <li>1 Occupied B</li> </ul>	andwidth	419 µs (~7.3 m	ns) <b>= VBW</b> 30	KHZ Mode Aut	o FFI			141513	• 1Pk Max
30 dBm	H1 30.960 dBm							M1[1] D1[1]	4.60 dBn 24.038100 MH: 0.96 dE
20 dBm			<u>_</u>	£	~	<u>∖</u> 12		DILI	321.800 kH
10 dBm									
	H2 4.960 (	lBm				<u> </u>			
0 dBm		1				Ľ	~		
-10 dBm		- And					- Martin		
-20 dBm							~		
-30 dBm	~								
-40 dBm									<u> </u>
-40 UBII									
-50 dBm									
-60 dBm									
CF 824.2 MHz 2 Marker Tab	le		1001 pt			0.0 kHz/			Span 1.0 MHz
Type Re M1	1	X-Value 824.0381 M	Hz	Y-Value 4.60 dBm	00	Function		Function R	
T1 T2 D1 M1	1	824.078122 M 824.322877 M <b>321.8 k</b>	MHZ MHZ	17.50 dBm 17.85 dBm 0.96 dB	Occ Bw		2	44./33244/	/ 33 KHZ
	M I	521.0 K	.112	0.50 05			Measuring		29.06.2017 14:02:27
Date: 29.JUN.20	17 14:02:27								
				Chapr	nel 128				
MultiView	🗄 Spectrum			Unaill	101 120				_
Ref Level 3	6.00 dBm Offs	et 8.00	dB • RBW 10	kHz	- 557				Ľ
<ul> <li>Att</li> <li>1 Occupied B</li> </ul>	andwidth	419 µs (~7.3 n	ns) <b>= VBW</b> 30	KHZ Mode Aut	orri			MILIT	1Pk Max 4,41 dBm
30 dBm	H1 30.540 dBm			~~~~	m			M1[1] D1[1]	4.41 dBm 36.438500 MHz 0.73 dB
20 dBm			<u> </u>	¥	~	12 V		L + J	322.600 kHz
10 dBm									
	H2 4.540	dBm	Mar			<u></u>			
0 dBm		<u>ر</u>					~~		
-10 dBm							- N		
-20 dBm		/					~	<u> </u>	
-30 dBm	<u> </u>								
-40 dBm-								$\rightarrow$	
-50 dBm									
-60 dBm			1001 m		10				Coop 1 O Mila
CF 836.6 MH 2 Marker Tal	ole		1001 pt		10	0.0 kHz/			Span 1.0 MHz
CF 836.6 MH 2 Marker Tal Type R M1	ole	X-Value 836.4385 M	IHz	Y-Value 4.41 dBm		0.0 kHz/ Function		Function Re	esult
CF 836.6 MH 2 Marker Tal Type R M1 T1 T2	ble ef Trc 1 1 1 1	836.4385 M	IHz	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm	Occ Bw		2		esult
CF 836.6 MH 2 Marker Tal Type R M1 T1	ble ef Trc 1 1 1 1	X-Value 836.4385 M 836.478122 836.721878 322.6 J	IHz	Y-Value 4.41 dBm			2. Measuring	Function Re	esult
CF 836.6 MH 2 Marker Tal Type R M1 T1 T2	ble ef   Trc   1 1 1 1 1 1	836.4385 M	IHz	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm			<u>,                                     </u>	Function Re	256 kHz 29.06.2017
CF 836.6 MH 2 Marker Tal Type R M1 T1 T2 D1 M	ble ef   Trc   1 1 1 1 1 1	836.4385 M	IHz	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB	Occ Bw		<u>,                                     </u>	Function Re	256 kHz 29.06.2017
CF 836.6 MH 2 Marker Tal Type   R M1 T2 D1 M Date: 29.JUN.2 MultiView	ble ef Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	836.4385 W 836.478122 836.721878 322.6 I	HZ MHz MHz HZ	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw		<u>,                                     </u>	Function Re	256 kHz 29.06.2017
CF 836.6 MH           2 Marker Tal           Type         R           M1           T1           T2           D1           MultiView           Ref Level 3           Att	ef Trc   1 1 1 1 1 017 14:41:00 Spectrum 56.00 dBm Offs SS dB SWT	836.4385 W 836.478122 836.721878 322.6 I	HZ MHz MHz HZ	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw		<u>,                                     </u>	Function Re	256 kHz 29,06,2017 14:41:01
CF 836.6 MH 2 Marker Tal Type A Mil Ti T2 D1 MultiView Ref Level 3 1 Occupied H	ef Tr   1 1 1 1 1 1 1 1 1 1 1 1 1	836.4385 M 836.478122 836.721878 322.6 I	HZ MHz MHz HZ	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw		<u>,                                     </u>	Function Re 43.7562437	esult 256 kHz 29,06,2017 14:41:01 ♥ ■ 1Pk Max 4,73 dBm
CF 836.6 MH 2 Marker Tal Type A MI T1 T2 D1 M Date: 29.JUN.2 MultiView RefLevel3 * Att	ef Trc   1 1 1 1 1 017 14:41:00 Spectrum 56.00 dBm Offs SS dB SWT	836.4385 W 836.478122 836.721878 322.6 I	HZ MHz MHz HZ	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw		<u>,                                     </u>	Function Re 43.7562437	ssult 256 kHz 29.06.2017 14:41:01 ▼ ■ 1Pk Max 4.73 dBm 8.636200 MHz 0.78 dBm
CF 836.6 MH 2 Marker Tal Type   Rd M1 T1 T2 D1 MultiView Ref Level 3 A time 1 Occupied B	ef Tr   1 1 1 1 1 1 1 1 1 1 1 1 1	836.4385 W 836.478122 836.721878 322.6 I	HZ MHz MHz HZ	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw		<u>,                                     </u>	Function Re           43.7562437           Image: State S	ssult 256 kHz 29,06:2017 14:41:01 ▼
CF 836.6 MH 2 Marker Tal Type B MI T1 T2 D1 M Date: 29,JUN 2 MultiView Ref Level 3 • Att 1 Occupied E 30 dbm	Spectrum           56.00 dBm         Offsectrum           56.00 dBm         Offsectrum           41.31.190 dBm         41.31.190 dBm	836.4385 W 836.478122 836.721878 322.6 J 322.6 J et 8.00 419 µs (~7.3 n	HZ WH2 WH2 CHZ dB • RBW 10 ns) • VBW 30	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw	Function	<u>,                                     </u>	Function Re           43.7562437           Image: State S	ssult 256 kHz 29.06.2017 14:41:01 ▼ ■ 1Pk Max 4.73 dBm 8.636200 MHz 0.78 dBm
CF 836.6 MH 2 Marker Tal Type L Marker Tal Type L Di Mi Ti T2 D1 MultiView Ref Level 3 Ref Level 3 Ref L Occupied H 30 dBm 20 dBm	ef Tr   1 1 1 1 1 1 1 1 1 1 1 1 1	836.4385 W 836.478122 836.721878 322.6 J 322.6 J et 8.00 419 µs (~7.3 n	HZ MHz MHz HZ	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw		<u>,                                     </u>	Function Re           43.7562437           Image: State S	ssult 256 kHz 29.06.2017 14:41:01 ▼ ■ 1Pk Max 4.73 dBm 8.636200 MHz 0.78 dBm
CF 836.6 MH           2 Marker Tal           Type I           MI           T1           T2           D1           MultiView           Ref Level 3           Att           10 dBm           0 dBm	Spectrum           56.00 dBm         Offsectrum           56.00 dBm         Offsectrum           41.31.190 dBm         41.31.190 dBm	836.4385 W 836.478122 836.721878 322.6 J 322.6 J et 8.00 419 µs (~7.3 n	HZ WH2 WH2 CHZ dB • RBW 10 ns) • VBW 30	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw	Function	<u>,                                     </u>	Function Re           43.7562437           Image: State S	ssult 256 kHz 29.06.2017 14:41:01 ▼ ■ 1Pk Max 4.73 dBm 8.636200 MHz 0.78 dBm
CF 836.6 MH 2 Marker Tal Type   R M1 T1 T2 D1 M Date: 29.JUN.20 MultiView Ref Level 3 A Att 1 Occupied B 30 dBm 20 dBm 10 dBm -10 dBm10 dBm	Spectrum           56.00 dBm         Offsectrum           56.00 dBm         Offsectrum           41.31.190 dBm         41.31.190 dBm	836.4385 W 836.478122 836.721878 322.6 J 322.6 J et 8.00 419 µs (~7.3 n	HZ WH2 WH2 CHZ dB • RBW 10 ns) • VBW 30	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw	Function	<u>,                                     </u>	Function Re           43.7562437           Image: State S	ssult 256 kHz 29.06.2017 14:41:01 ▼ ■ 1Pk Max 4.73 dBm 8.636200 MHz 0.78 dBm
CF 836.6 MH 2 Marker Tal Type   R M1 T1 T2 D1 M I Date: 29,JUN 2 MeltiView Ref Level 3 Att O Georpical E 30 dBm 10 dBm 0 dBm	Spectrum           56.00 dBm         Offsectrum           56.00 dBm         Offsectrum           41.31.190 dBm         41.31.190 dBm	836.4385 W 836.478122 836.721878 322.6 J 322.6 J et 8.00 419 µs (~7.3 n	HZ WH2 WH2 CHZ dB • RBW 10 ns) • VBW 30	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw	Function	<u>,                                     </u>	Function Re           43.7562437           Image: State S	ssult 256 kHz 29.06.2017 14:41:01 ▼ ■ 1Pk Max 4.73 dBm 8.636200 MHz 0.78 dBm
CF 836.6 MH           2 Marker Tal           Type         R           M1         T1           T2         D1           Date:         29,JUN.20           Date:         29,JUN.20           MultiView         Ref Level 3           Att 1         10 ccupicd B           30 dBm         20 dBm           10 dBm         -10 dBm	Spectrum           56.00 dBm         Offsectrum           56.00 dBm         Offsectrum           41.31.190 dBm         41.31.190 dBm	836.4385 W 836.478122 836.721878 322.6 J 322.6 J et 8.00 419 µs (~7.3 n	HZ WH2 WH2 CHZ dB • RBW 10 ns) • VBW 30	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw	Function	<u>,                                     </u>	Function Re           43.7562437           Image: State S	ssult 256 kHz 29.06.2017 14:41:01 ▼ ■ 1Pk Max 4.73 dBm 8.636200 MHz 0.78 dBm
CF 836.6 MH 2 Marker Tal Type A Mil Ti T2 D1 Mil Date: 29,JUN 20 MultiView Ref Level 3 Att Occupied I 30 dbm 20 dbm 10 dbm - 10 dbm - 20 d	Spectrum           56.00 dBm         Offsectrum           56.00 dBm         Offsectrum           41.31.190 dBm         41.31.190 dBm	836.4385 W 836.478122 836.721878 322.6 J 322.6 J et 8.00 419 µs (~7.3 n	HZ WH2 WH2 CHZ dB • RBW 10 ns) • VBW 30	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw	Function	<u>,                                     </u>	Function Re           43.7562437           Image: State S	ssult 256 kHz 29.06.2017 14:41:01 ▼ ■ 1Pk Max 4.73 dBm 8.636200 MHz 0.78 dBm
CF 836.6 MH           2 Marker Tal           Type         R           M1         T1           T2         D1           D1         M           D2         D1           MultiView         Ref Level 3           Ref Level 3         Odbm           10 dBm         0 dBm           -10 dBm         -20 dBm           -30 dBm         -40 dBm	Spectrum           56.00 dBm         Offsectrum           56.00 dBm         Offsectrum           41.31.190 dBm         41.31.190 dBm	836.4385 W 836.478122 836.721878 322.6 J 322.6 J et 8.00 419 µs (~7.3 n	HZ WH2 WH2 CHZ dB • RBW 10 ns) • VBW 30	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw	Function	<u>,                                     </u>	Function Re           43.7562437           Image: State S	ssult 256 kHz 29.06.2017 14:41:01 ▼ ■ 1Pk Max 4.73 dBm 8.636200 MHz 0.78 dBm
CF 836.6 MH 2 Marker Tal Type I MI 1 T1 T2 D1 M MI 1 T2 D1 M MULTIVIEW Ref Level 3 Att 1 Occupied I 30 dBm 20 dBm 10 dBm 10 dBm -20 dBm -30 dBm -50 dBm -50 dBm	Spectrum           56.00 dBm         Offsectrum           56.00 dBm         Offsectrum           41.31.190 dBm         41.31.190 dBm	836.4385 W 836.478122 836.721878 322.6 J 322.6 J et 8.00 419 µs (~7.3 n	HZ WH2 WH2 CHZ dB • RBW 10 ns) • VBW 30	Y-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr	Occ Bw	Function	<u>,                                     </u>	Function Re           43.7562437           Image: State S	ssult 256 kHz 29.06.2017 14:41:01 ▼ ■ 1Pk Max 4.73 dBm 8.636200 MHz 0.78 dBm
CF 836.6 MH 2 Marker Tal Type B MIL T1 T2 D1 MultiView Ref Level 3 Att CCCupica H 30 dBm 20 dBm 0 dBm	ole ef Trc   1 1 1 1 1 017 14:41:00 Spectrum 6:000 dbm Offse 35 dB Offse 35 dB Offse 41 31.190 dbm +12 5.190 	836.4385 W 836.478122 836.721878 322.6 J 322.6 J et 8.00 419 µs (~7.3 n	HZ WH2 WH2 CHZ CHZ dB • RBW 10 ns) • VBW 30	V-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chanr KHz KHz Mode Aut	Occ Bw	Function	<u>,                                     </u>	Function Re         43.7562437         Image: state sta	Sout     Sout
CF 836.6 MH           2 Marker Tal           Type 1           M1           T1           T2           D1           M           T1           T2           D1           Marker Tal           T0           M1           T1           T2           D1           M           T0           MultiView           Ref Level 3           att           10 ckm           20 dkm           10 dkm           0 dkm           -20 dkm           -30 dkm           -30 dkm           -40 dkm           -50 dkm           -60 dkm	ole ef Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	836.4385 M 836.478122 836.721878 322.6 J 922.6 J 92.6	Hz Hz WHz WHz (Hz CHz dB • RBW 10 ns) • VBW 30 Hz Hz Hz Hz Hz Hz Hz Hz Hz Hz	V-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chann KHz KHz Mode Aut	Occ Bw	Function	<u>,                                     </u>	M1[1]         01[1]	Sout     Sout
CF 836.6 MH           2 Marker Tal           Type I           MI           T1           T2           D1           MI           T2           D1           MultiView           RefLevel 3           Atter 10 dBm           20 dBm           -20 dBm           -30 dBm           -20 dBm           -30 dBm           -50 dBm           -60 dBm           CF 848.8 MH           Yarker Tal           Type I           M1	ole ef Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	836.4385 M 336.478122 336.721878 322.6 J 222.6 J 22.6 J	Hz Hz Hz Hz Hz Hz Hz Hz Hz	V-Value 4.41 dBm 18 08 dBm 18 32 dBm 0.73 dB Chann KHz KHz Mode Aut 4.12 Mode Aut 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.1		Function	Measuring	Function Re	Sout     Sout
CF 836.6 MH           2 Marker Tal           Type IM           11           T2           D1           MI           T1           T2           D1           MI           T1           T2           D1           MI           T1           T2           D1           MI           T1           T2           D1           MI           T2           D1           MI           T2           D1           Marker Tal           J0 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           CF 848.8 MH           T1           T2	ole ef Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	836.4385 M 336.478122 336.721878 322.6 J 222.6 J 22.6 J	Hz Hz Hz Hz Hz Hz Hz Hz Hz	V-Value 4.41 dBm 18 08 dBm 18 32 dBm 0.73 dB Chann KHz KHz Mode Aut 4.12 Mode Aut 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.1	Occ Bw	Function	Measuring	M1[1]         01[1]	Sout     Sout
CF 836.6 MH           2 Marker Tal           Type IM           1           T2           D1           MI           T2           D1           Marker Tal           30 dBm           -0 dBm           -10 dBm	ole ef Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	836.4385 M 836.478122 836.721878 322.6 J 922.6 J 92.6	Hz Hz Hz Hz Hz Hz Hz Hz Hz	V-Value 4.41 dBm 18.08 dBm 18.32 dBm 0.73 dB Chann KHz KHz Mode Aut		Function	) Measuring	Function Re	ssult '56 kHz 29.06.2017 14.41:01 ▼ • 1Pk Max 4.73 dBm 84.636200 MHz 0.73 dBm 325.000 kHz 9 550 kHz Span 1.0 MHz ssult '56 kHz
CF 836.6 MH           2 Marker Tal           Type           Type           Ref Level 3           Att           10 d8m           20 d8m           10 d8m           -20 d8m           -30 d8m           -50 d8m           -50 d8m           -20 d8m           -10 d8m	ole ef Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	836.4385 M 336.478122 336.721878 322.6 J 222.6 J 22.6 J	Hz Hz Hz Hz Hz Hz Hz Hz Hz	V-Value 4.41 dBm 18 08 dBm 18 32 dBm 0.73 dB Chann KHz KHz Mode Aut 4.12 Mode Aut 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.1		Function	) Measuring	Function Re 43.7562437 M1[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1]	Sout     Sout
CF 836.6 MH           2 Marker Tal           Type         Re           Mil         Date: 29.JUN.20           Date: 29.JUN.20         Date: 29.JUN.20           MultiView         Ref Level 3           Marker Tal         Toccupicd E           30 dBm         20 dBm           10 dBm         0 dBm           -20 dBm         -30 dBm           -30 dBm         -50 dBm           -20 dBm         -20 dBm           -20 dBm         -10 dBm           -20 dBm         -20 dBm           -30 dBm         -20 dBm           -50 dBm         -20 dBm           -50 dBm         -50 dBm           -20 dBm         -10 dBm	ole ef Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	836.4385 M 336.478122 336.721878 322.6 J 222.6 J 22.6 J	Hz Hz Hz Hz Hz Hz Hz Hz Hz	V-Value 4.41 dBm 18 08 dBm 18 32 dBm 0.73 dB Chann KHz KHz Mode Aut 4.12 Mode Aut 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.12 1.1		Function	) Measuring	Function Re 43.7562437 M1[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1] 01[1]	Sout     Sout

MultiView Ref Level 36			<b>CS190</b>			DUCIAIIO	n		
Ref Level 36	🗐 Spectrum	· ·	00100	01010		Judiatio			
		t 8.00 419 μs (~7.3 n	dB = RBW 10	kHz					
<ul> <li>Att</li> <li>1 Occupied Ba</li> </ul>	35 dB SWT	419 µs (~7.3 n	ns) 🖷 VBW 30	kHz Mode Auti	> FFT				●1Pk Max
30 dBm									0.15 dBm 50039100 GHz
20 dBm	H1 26.140 dBm				m			D1[1]	0.60 dB 319.300 kHz
			T1	F		<b>1</b> 2			
10 dBm									
0 dBm	H2 0.140 d	Bm	M1/			<u> </u>			
-10 dBm		,							
00.40-1		m					لمسر		
-20 dBm									
-30 dBm								$\overline{}$	
-40 dBm								~~	$\longrightarrow$
-50 dBm									
-60 dBm	lz		1001 pt	s	10	0.0 kHz/			Span 1.0 MHz
2 Marker Tab Type Re	le	X-Value	_	Y-Value		Function		Function Re	
M1 T1	1 1	.8500391 G		0.15 dBm 12.43 dBm	Occ Bw		2	43.7562437	
T2 D1 M1	1	1.85032188 <b>319.3 k</b>	GHz Hz	11.86 dBm 0.60 dB					
	]						Measuring		29.06.2017 15:00:18
Date: 29.JUN.201	47 15:00:18								
				Chanr	el 512				
MultiView	🖽 Spectrum	<u> </u>		2					⊽
		t 8.00 419 μs (~7.3 n	dB • RBW 10	kHz kHz Mode ***	FET				
Att 1 Occupied Ba	andwidth		<b>VD4Y</b> 30	Mode Aut				M1[1]	<ul> <li>1Pk Max</li> <li>-0.17 dBm</li> </ul>
30 dBm	H1 26.160 dBm							D1[1]	79837600 GHz 0.79 dB
20 dBm				, market and the second	- m				321.400 kHz
10 dBm			T1 7	1		T2			
			MI			<b>D</b> 1			
0 dBm	H2 0.160 d	Bm	7			Ž			
-10 dBm			$\checkmark$			<u> </u>	han -		
-20 dBm							- M		
-30 dBm		/							
-40-d8m	<u></u>								
-50 dBm									
-60 dBm									
CF 1.88 GHz			1001 pt	S	10	10.0 kHz/			Span 1.0 MHz
2 Marker Tab Type Re	ef   Trc	X-Value		Y-Value -0.17 dBm		Function		Function Re	esult
M1 T1 T2	1 1	1.8798376 0 1.87987812 1.88012188 321.4 k	GHZ GHZ	12.28 dBm 12.67 dBm 0.79 dB	Occ Bw		2	43.7562437	'56 kHz
D1 M1	1	321.4 k	Hz	0.79 dB			<u>,</u>		29.06.2017
	Л						Measuring	(IIIII) 4/4	15:10:04
Date: 29.JUN.20	17 15:10:04								
				Chanr	iel 661				
MultiView									$\bigtriangledown$
Deft - 1	100 dR 211	ι 8.00	ub = RBW 10 ns) = VBW 30	kHz <b>Mode</b> Auto	> FFT				●1Pk Max
Att	5.00 dBm Offse 35 dB SWT	419 µs (~7.3 r							STER MAX
Att 1 Occupied Ba	5.00 dBm Offse 35 dB SWT andwidth	419 µs (~7.3 n						M1[1]	-0.10 dBm
Att     Occupied Ba     Jo dBm	5.00 dBm Offse 35 dB SWT andwidth H1 26.590 dBm	419 µs (~7.3 n			m			M1[1] 1.9 	-0.10 dBm 09639100 GHz 1.54 dB
Att 1 Occupied Ba	andwidth	419 μs (~7.3 n	T1 V		- March	VT2		1.9	-0.10 dBm 09639100 GHz
Att     Occupied Ba     Jo dBm	andwidth	419 µs (~7.3 n	T		- Marine Contraction of the cont	1422 1		1.9	-0.10 dBm 09639100 GHz 1.54 dB
Att     Occupied Ba     Joccupied Ba     Joccupied Ba     Joccupied Ba     Joccupied Ba     Joccupied Ba	andwidth	419 µs (~7.3 n	T1 MI		- Marine Contraction of the second se	122 122		1.9	-0.10 dBm 09639100 GHz 1.54 dB
Att     Occupied Ba     30 dBm     20 dBm     10 dBm     0 dBm	H1 26.590 dBm	419 µs (~7.3 n				Are Area		1.9	-0.10 dBm 09639100 GHz 1.54 dB
Att     I Occupied Ba     30 dBm     20 dBm     10 dBm	H1 26.590 dBm	419 µs (~7.3 n				RI C		1.9	-0.10 dBm 09639100 GHz 1.54 dB
Att     Occupied Ba     30 dBm     20 dBm     10 dBm     0 dBm	H1 26.590 dBm	419 µs (~7.3 n				122 122		1.9	-0.10 dBm 09639100 GHz 1.54 dB
Att     Occupied Ba     J0 dBm     20 dBm     0 dBm     0 dBm     -10 dBm	H1 26.590 dBm	419 µs (~7.3 n						1.9	-0.10 dBm 09639100 GHz 1.54 dB
Att     I Occupied Ba     Jo dBm     Coupied Ba     dBm     dBm     dBm     dBm     dBm     dBm     codBm     c	H1 26.590 dBm	419 µs (~7.3 n				Les Les		1.9	-0.10 dBm 09639100 GHz 1.54 dB
Att     I Occupied Ba     Jo dBm     Coupied Ba     Jo dBm     O dBm     O dBm     O dBm     -10 dBm     -30 dBm     -30 dBm	H1 26.590 dBm	419 µs (~7.3 n				AL AL		1.9	-0.10 dBm 09639100 GHz 1.54 dB
Att     I Occupied Ba     Jo dBm     Coupied Ba     dBm     dBm     dBm     dBm     dBm     dBm     codBm     c	H1 26.590 dBm	419 µs (~7.3 n				Re Contraction of the second s		1.9	-0.10 dBm 09639100 GHz 1.54 dB
Att     I Occupied Ba2     Jo dBm     20 dBm     0 dBm     0 dBm     -10 dBm     -20 dBm     -20 dBm     -30 dBm     -50 dBm     -50 dBm		419 µs (~7.3 n	му						-0.10 dBm 09653100 GHz -1.54 dB 318.800 kHz
Att     I Occupied Ba     Jo dBm     Jo dBm     Jo dBm     dBm	And Width	419 µs (~7.3 n	1001 pt	Ś		0.0 kHz/			-0.10 dBm 09639100 GHz 1.54 dB
Att     I Occupied Ba     Jo dBm     Jo dBm     d	H1 26.590 dbm H1 26.590 dbm H2 0.590 d	8m	1001 pt	S Y-Value -0.10 dBm				Function Re	-0.10 dBm 096539100 GHz -1.54 dB 318.800 kHz Span 1.0 MHz 
Att     I Occupied Ba	andwidth +1 26.590 dam →12 0.590 d →12 0.590 d ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	8m X-Value .9096391 G 1.90967812	1001 pt	S V-Value -0.10 dBm 13.40 dBm 11.82 dBm		0.0 kHz/	2		-0.10 dBm 096539100 GHz -1.54 dB 318.800 kHz Span 1.0 MHz 
Att     I Occupied Ba     Jo dBm     Jo dBm     d	andwidth +1 26.590 dam →12 0.590 d →12 0.590 d ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	×-Value 	1001 pt	s Y-Value -0.10 dBm 13.40 dBm		0.0 kHz/	<u>`</u>	Function Re 43.7562437	-0.10 dBm 09653100 GHz 1.54 dB 318.800 kHz Span 1.0 MHz sult 56 kHz 29.06.2017
Att     I Occupied Ba	andwidth +1 26.590 dam →12 0.590 d →12 0.590 d ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	8m X-Value .:9096391 G 1.90967812	1001 pt	S Y-Value -0.10 dBm 13.40 dBm 11.82 dBm		0.0 kHz/	<u>`</u>	Function Re	-0.10 dBm 09639100 GHz -1.54 dB 318.800 kHz Span 1.0 MHz ssult 256 kHz
Att     I Occupied Ba	andwidth +1 26.590 dam →12 0.590 d →12 0.590 d ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	8m X-Value .:9096391 G 1.90967812	1001 pt	S Y-Value -0.10 dBm 13.40 dBm 11.82 dBm	I Occ Bw	0.0 kHz/	<u>`</u>	Function Re 43.7562437	-0.10 dBm 09653100 GHz 1.54 dB 318.800 kHz Span 1.0 MHz sult 56 kHz 29.06.2017

		G	PRS190	00 For 6	วเทอห เข	ioudiatio	חכ		
MultiView	88 Spectrum								▼
Att	6.00 dBm Offse 35 dB SWT	et 8.00 419 µs (~7.3 r	dB = RBW 10 ms) = VBW 30	kHz kHz <b>Mode</b> Auto	> FFT				
1 Occupied B	andwidth							M1[1]	<ul> <li>1Pk Max</li> <li>-0.36 dBm</li> </ul>
30 dBm	H1 25.920 dBm			~~~~	m.			D1[1]	50041300 GHz 0.55 dB 317.100 kHz
20 dBm			Ţ1	r	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	T2			
10 dBm						- W			
0 dBm	H2 -0.080	dBm	My			<u>b</u> i			
-10 dBm		-					~		
-20 dBm		mont	ř			~	m		
-30 dBm	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~								~
-50 dBm									
-60 dBm									
CF 1.8502 GF 2 Marker Tal	ole		1001 pt		10	10.0 kHz/			Span 1.0 MHz
 M1 	t Trc	X-Value L.8500413 G	SHz	Y-Value -0.36 dBm	Occ Bw	Function	2	Function R	
T2 D1 M	1 1 1 1	1.85007712 1.85032188 <b>317.1</b>	GHz CHz	11.93 dBm 12.31 dBm 0.55 dB	OCC BW			44./33244/	55 KH2
							Measuring	C	29.06.2017 14:57:56
Date: 29.JUN.20	017 14:57:56								
				Chanr	el 512				
MultiView									
Ref Level 3 Att	6.00 dBm Offse 35 dB SWT	et 8.00 419 µs (~7.3 r	dB • RBW 10 ms) • VBW 30	kHz kHz <b>Mode</b> Auto	FFT				
1 Occupied B	anowidth							M1[1]	●1Pk Max -0.66 dBm 79838500 GHz
	H1 26.140 dBm				m			D1[1]	1.14 dB 321.500 kHz
20 dBm			Ţţ⁄^		7	12			
10 dBm						-			
-0 dBm	H2 0.140	dBm	Ми						
-10 dBm			/				~		
-20 dBm							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
-30 dBm								$\searrow$	
-40 dBm-									$\sim$
-50 dBm									
-60 dBm									
-60 dBm CF 1.88 GHz 2 Marker Tai			1001 pt		10	0.0 kHz/			Span 1.0 MHz
-60 dBm <u>CF 1.88 GHz</u> 2 Marker Tal Type   Re M1	ef   Trc	X-Value 1.8798385 0	GHz	Y-Value -0.66 dBm		0.0 kHz/ Function		Function R	esult
-60 dBm CF 1.88 GHz 2 Marker Tal Type   Re	ef   Trc   1 1 1	1.8798385 0	GHz	Y-Value	Occ Bw		2		esult
-60 d8m CF 1.88 GHz 2 Marker Tai Type   R M T1 T2	ef   Trc   1 1 1	x-Value 1.8798385 C 1.87987812 1.88012288 321.5 J	GHz	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm				Function R	esult '55 kHz
-60 dBm CF 1.88 GHz 2 Marker Tai Type   Ro M T1 T2	ef Trc	1.8798385 0	GHz	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw			Function R 44.7552447	esult <b>'55 kHz</b> 29.06.2017
-60 dBm- CF 1.88 GHz 2 Marker Tal Type   Re M1 T1 T2 D1 M	ef Trc	1.8798385 0	GHz	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm	Occ Bw			Function R 44.7552447	esult <b>'55 kHz</b> 29.06.2017
-60 d8m CF 1.88 GHz 2 Marker Tal Type 1 R MI T1 T2 D1 MultiView	ef Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	1.8798385 ( 1.87987812 1.88012288 321.5	SHZ GHZ GHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw			Function R 44.7552447	esult <b>'55 kHz</b> 29.06.2017
-60 dBm CF 1.88 GHz 2 Marker Tal Type   Re MultiView Ref Level 3 • Att	ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.8798385 ( 1.87987812 1.88012288 321.5	SHZ GHZ GHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw			Function R 44.7552447	esult 255 kHz 29,06,2017 15:12:29 ⊽
-60 dBm CF 1.88 GHz 2 Marker Tal Type IR (M MI T1 T2 D1 M Date: 29.JUN.20 MultiView Ref Level 3	ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.8798385 ( 1.87987812 1.88012288 321.5	SHZ GHZ GHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw			Function Re 44.7552447	esult 255 kHz 29.06.2017 15:12:29 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
-60 dBm         CF 1.88 GHz         2 Marker Tal         Type   R         11         T2         D1         Date: 29.JUN.20         MultiView         Ref Level 3         Att         JO dBm	ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.8798385 ( 1.87987812 1.88012288 321.5	SHZ GHZ GHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw			Function Rr 44.7552447	esult 255 kHz 29,06,2017 15:12:29 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
-60 d8m CF 1.88 GHz 2 Marker Tal Type 1 R MI T1 T2 D1 M Date: 29.JUN.2 MultiView Ref Level 3 • Att 1 Occupied E 30 d8m 20 d8m	Image: 1         Trc           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1	1.8798385 ( 1.87987812 1.88012288 321.5	SHZ GHZ GHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw			Function Re 44.7552447	esult 255 kHz 29,06,2017 15:12:29 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
-60 dBm CF 1.88 GHz 2 Marker Tal Type   R M T1 T2 D1 M Date: 29.JUN.20 MultiView Ref Level 3 • Att 1 Occupied is 30 dBm	Image: 1         Trc           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1	1.8798385 ( 1.87987812 1.88012288 321.5	Hz Hz GHz GHz CHZ CHZ CHZ CHZ CHZ CHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw	Function		Function Re 44.7552447	esult 255 kHz 29,06,2017 15:12:29 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
-60 dBm CF 1.88 GHz 2 Marker Tai Type   R Mi T1 T2 D1 M Date: 29.JUN.2 MultiView Ref Level 3 * At 1 Georpical E 30 dBm 20 dBm	Image: 1         Trc           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1	L.8798385 0 1.87987812 1.88012288 321.5 μ 419 μs (~7.3 r	Hz GHz GHz (Hz dB • RBW 10 ms) • VBW 30	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw	Function		Function Re 44.7552447	esult 255 kHz 29,06,2017 15:12:29 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
-60 d8m CF 1.88 GHz 2 Marker Tal Type   R MI T1 T2 D1 M Ref Level 3 • Att 1 Occupied E 30 d8m 10 d8m 10 d8m	ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1	L.8798385 0 1.87987812 1.88012288 321.5 μ 419 μs (~7.3 r	Hz Hz GHz GHz CHZ CHZ CHZ CHZ CHZ CHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw	Function		Function Re 44.7552447	esult 255 kHz 29,06,2017 15:12:29 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
-60 dBm CF 1.88 GHz 2 Marker Tai Type   R K MI T1 T2 D1 M Date: 29.JUN 20 MultiView Ref Level 3 Att 1 Occupied B 20 dBm 20 dBm 0 dBm	ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1	L.8798385 0 1.87987812 1.88012288 321.5 μ 419 μs (~7.3 r	Hz Hz GHz GHz CHZ CHZ CHZ CHZ CHZ CHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw	Function		Function Re 44.7552447	esult 255 kHz 29,06,2017 15:12:29 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
-60 d8m -60 d8m -60 d8m -67 1.88 GHz 2 Marker Tal Type   R 1 T1 T2 D1 M -72 -72 -74 -72 -74 -72 -74 -74 -74 -74 -74 -74 -74 -74	ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1	L.8798385 C 1.87987812 1.88012288 321.5 μ 419 μs (~7.3 r	Hz Hz GHz GHz CHZ CHZ CHZ CHZ CHZ CHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw	Function		Function Re 44.7552447	esult 255 kHz 29,06,2017 15:12:29 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
-60 d8m CF 1.88 GHz 2 Marker Tal Type   Re MI T1 T2 D1 M Ref Level 3 a d8m 20 d8m -10 d8m -30 d8m -30 d8m	ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1	L.8798385 C 1.87987812 1.88012288 321.5 μ 419 μs (~7.3 r	Hz Hz GHz GHz CHZ CHZ CHZ CHZ CHZ CHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw	Function		Function Re 44.7552447	esult 255 kHz 29,06,2017 15:12:29 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
-60 d8m -67 1.88 GHz 2 Marker Tal 1 Mult T1 T2 D1 MultiView Ref Level 3 • Att 1 Occupied E 30 d8m -10 d8m -10 d8m -20 d8m -20 d8m	ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1	L.8798385 C 1.87987812 1.88012288 321.5 μ 419 μs (~7.3 r	Hz Hz GHz GHz CHZ CHZ CHZ CHZ CHZ CHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw	Function		Function Re 44.7552447	esult 255 kHz 29,06,2017 15:12:29 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
-60 d8m CF 1.88 GHz 2 Marker Tal Type 1 R 1 Ta D1 M Ref Level 3 Att 1 Occupied B 30 d8m -10 d8m -30 d8m	ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1	L.8798385 C 1.87987812 1.88012288 321.5 μ 419 μs (~7.3 r	Hz Hz GHz GHz CHZ CHZ CHZ CHZ CHZ CHZ CHZ CHZ	Y-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB	Occ Bw	Function		Function Re 44.7552447	esult 255 kHz 29,06,2017 15:12:29 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
-60 d8m         CF 1.88 GHz         2 Marker Tal         Type 1 R         T1         T2         D1         MultiView         Ref Level 3         Att         1 Occupied 15         30 d8m         -10 d8m         -20 d8m         -30 d8m         -30 d8m         -30 d8m         -30 d8m         -30 d8m	2f Trc 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L.8798385 C 1.87987812 1.88012288 321.5 μ 419 μs (~7.3 r	Hz Hz GHz CHZ CHZ MU MU MU	V-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB Chanr KHz KHz Mode Aut	Occ Bw	Function		Function Re 44.7552447	esult '55 kHz 29,06,2017 15:12:29 ♥ • 1Pk Max -0.37 dBm -0.37 dBm 20,85 dB 322,500 kHz 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.6142 0.
-60 d8m         CF 1.88 GHz         2 Marker Tal         Type   R         MI         T1         T2         D1         MultiView         Ref Level 3         30 d8m         20 d8m         10 d8m         -0 d8m	Eff         Trc           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         2           1         2           1         2	L.8798385 C	Hz Hz GHz GHz CHZ CHZ CHZ CHZ CHZ CHZ CHZ CHZ	V-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB Chanr KHz KHz Mode Aut	Occ Bw	Function		Function Ref 44.7552447	ssuit     '55 kHz     29.06.2017     15:12:29
40 d8m         CF 1.88 GHz         2 Marker Tal         Type         R         M1         T1         T2         D1         MultiView         Ref Level 3         Att         10 d8m         0 d8m         -20 d8m         -30 d8m         -50 d8m         -50 d8m         CF 1.9098 Gf         Z Marker Tal         Type         R         MultiView         R         10 d8m         -0 d8m         -20 d8m         -30 d8m	Ef         Trc           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         2           35 dB< SWT	L.8798385 C 1.87987812 1.88012288 321.5 μ 419 μs (~7.3 r 419 μs (~7.3 r 419 μs (~7.3 r	Hz Hz GHz CHZ CHZ (HZ m) • VBW 30 ms) • VBW 30 ms) • VBW 30 ms) • VBW 30 ms) • VBW 10 ms) • VBW	V-Value -0.66 dBm 12.13 dBm 1.65 dBm 1.14 dB Chanr KHz KHz KHz Mode Aut 	Occ Bw	Function	Meesuring	Function Re	ssult 29.06.2017 15.12:29 ■ 1Pk Max -0.37 dBm 09637400 GHz -0.84 20.85 322.500 kHz Span 1.0 MHz ssult
-60 d8m         CF 1.88 GHz         2 Marker Tal         Type       Rr         MIL       T1         T2       D1         D1       M         D2       Ref Level 3         0 d8m       20 d8m         20 d8m       20 d8m         10 d8m       -0 d8m         -10 d8m       -0 d8m         -50 d8m       -60 d8m         -60 d8m       -60 d8m	Ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L.8798385 C	Hz Hz GHz GHz (Hz Hz Hz Hz GHz Hz Hz	V-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.65 dBm Chann KHz KHz Mode Aut S V-Value	Occ Bw	Function	Meesuring	Function Ref 44.7552447	ssult 29.06.2017 15.12:29 ■ 1Pk Max -0.37 dBm 09637400 GHz -0.84 20.85 322.500 kHz Span 1.0 MHz ssult
-60 dBm         CF 1.88 GHz         2 Marker Tal         Type   R         M1         T1         T2         D1         M         D1         M         T2         D1         M         T2         D1         M         T2         D1         M         T2         D2         MultiView         Ref Level 3         * Att         O dBm         20 dBm         -0 dBm         CF 1.9098 Gf         Z Marker Tal         Type   Rd         M1         T1         T2	Ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1 1	L.8798385 C 1.87987812 1.88012288 321.5 L 419 μs (~7.3 r 419 μs (~7.3 r) 419	Hz Hz GHz GHz (Hz Hz Hz Hz GHz Hz Hz	V-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB Chanr Chanr KHz KHz Mode Aut 	Occ Bw	Function	) Meesuring	Function Re	ssuit '55 kHz 29,06,2017 15:12:29 ♥ ● 1Pk Max -0.37 dBm 00637400 GHz -0.37 dBm 322.500 kHz Span 1.0 MHz ssuit '56 kHz
60 d8m           CF 1.88 GHz           2 Marker Tal           Type   Rt           M1           T1           D1           M           T2           D1           MultiView           Ref Level 3           Att           10 d8m           20 d8m           10 d8m           -00 d8m           -30 d8m           -30 d8m           -50 d8m           -60 d8m           -70 d8m	Eff         Trc           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         220           1         1           1         1           1         1	L.8798385 C 1.87987812 1.88012288 321.5 L 419 μs (~7.3 r 419 μs (~7.3 r) 419	Hz Hz GHz GHz (Hz Hz Hz Hz GHz Hz Hz	V-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB Chanr Chanr KHz KHz Mode Aut 	Occ Bw	Function	) Meesuring	Function Re 44.7552447 M1[1] 01[1] 01[1] Function Re 43.7562437	ssuit 29.06.2017 15:12:29
-60 d8m           CF 1.88 GHz           2 Marker Tai           Type   R           D1           MultiView           Ref Level 3           • Att           1 Occupied B           30 d8m           -20 d8m           -20 d8m           -30 d8m           -30 d8m           -50 d8m           -50 d8m           -50 d8m           -50 d8m           -50 d8m           -20 1 m	Eff         Trc           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         1           1         220           1         1           1         1           1         1	L.8798385 C 1.87987812 1.88012288 321.5 L 419 μs (~7.3 r 419 μs (~7.3 r) 419	Hz Hz GHz GHz (Hz Hz Hz Hz GHz Hz Hz	V-Value -0.66 dBm 12.13 dBm 11.65 dBm 1.14 dB Chanr Chanr KHz KHz Mode Aut 	Occ Bw	Function	) Meesuring	Function Re 44.7552447 M1[1] 01[1] 01[1] Function Re 43.7562437	ssuit 29.06.2017 15:12:29

	L \		900 For		louulain	on		
🗄 Spectrum								
5.00 dBm Offse 35 dB SWT	t 8.00 419 µs (~7.3 n	dB <b>= RBW</b> 10   ns) <b>= VBW</b> 30	kHz kHz <b>Mode</b> Auti	o FFT				
indwidth							M1[1]	-0.50 dBm 50037400 GHz
H1 25.820 dBm				Jum			D1[1]	0.59 dB 323.000 kHz
		13-	1	~	VT2			
					$\overline{}$			
H2 -0.180	dBm	MV			2			
		/				~		
	/						$\searrow$	
							~~	,
								$\sim$
z		1001 pt	'S	10	0.0 kHz/			Span 1.0 MHz
le f   Trc	X-Value		Y-Value		Function		Function R	esult
1 1	1.85007812	GHz	12.28 dBm	Occ Bw		2	43.756243	56 kHz
1 1	323.0 k	iHz	0.59 dB					29.06.2017
JL						Measuring		14:56:45
GP.00.171			Chann	ol 510				
Snort			Unanr					
		dB • RBW 10	kHz	- 557				
35 dB SWT	419 hz (~2.3 u	nsj <b>= VBW</b> 30	KHZ Mode Aut				M1[1]	●1Pk Max -0.04 dBm
H1 25.850 dBm-								379839700 GHz 0.13 dB
			$\sim$		NoT2			319.300 kHz
					- Pe			
H2 -0.150	dBm	My			1			
		•				· ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		
~	/							
		1001 at		10	0.0 44 = /			Span 1.0 MHz
le f   Trc	X-Value	1001 pt		10			Function P	
1 1	1.8798397 G 1.87987812 1.88012188	GHz ·	-0.04 dBm 11.76 dBm	Occ Bw	Tuncaon	2	43.756243	
	1.88012188	GHz	12.04 dBm 0.13 dB					
1	319.3 k	.112				<u></u>		
][]	319.3 k	.112				Measuring	(	29.06.2017 15:11:23
1 1 17 15:11:23	319.3 k			1.001		Measuring	•••••••••••••••••	29.06.2017 15:11:23
17 15:11:23	319.3 k		Chanr	nel 661		Measuring	••••••••••••	15:11:23
) 17 15:11:23 Bectrum	319.3 k					Measuring	(********) 4 <i>4</i> 0	29.06.2017 15:11:23
) 17 15:11:23 Bectrum	319.3 k					Measuring		15:11:23
Spectrum 5.00 dBm Offse 35 dB SWT andwidth	319.3 k					Measuring	M1[1]	■ 15:11:23 ■ 1Pk Max 0.02 dBm 009639500 GHz 0.16 dB
17 15:11:23 Spectrum 35 dB SWT	319.3 k	dB ● RBW 10 ns) ● VBW 30				Measuring	M1[1]	■ 15:11:23
Spectrum 5.00 dBm Offse 35 dB SWT andwidth	319.3 k		kHz KHz Mode Auto		- T2 Ver	) Meesuring	M1[1]	■ 15:11:23 ■ 1Pk Max 0.02 dBm 009639500 GHz 0.16 dB
Spectrum 5.00 dBm Offse 35 dB SWT andwidth	319.3 k	dB ● RBW 10 ns) ● VBW 30	kHz KHz Mode Auto		-72 -72 -72 -72	) Measuring	M1[1]	■ 15:11:23 ■ 1Pk Max 0.02 dBm 009639500 GHz 0.16 dB
17 15:11:23 Spectrum 35 db m Offse 35 db SwT andwidth H1 25:800 dbm	319.3 k	dB • RBW 10 ns) • VBW 30 	kHz KHz Mode Auto		122 Ver	Measuring	M1[1]	■ 15:11:23 ■ 1Pk Max 0.02 dBm 009639500 GHz 0.16 dB
17 15:11:23 Spectrum 35 db m Offse 35 db SwT andwidth H1 25:800 dbm	319.3 k	dB • RBW 10 ns) • VBW 30 	kHz KHz Mode Auto		TR TR DI	Measuring	M1[1]	■ 15:11:23 ■ 1Pk Max 0.02 dBm 009639500 GHz 0.16 dB
17 15:11:23 Spectrum 35 db m Offse 35 db SwT andwidth H1 25:800 dbm	319.3 k	dB • RBW 10 ns) • VBW 30 	kHz KHz Mode Auto			Meesuring	M1[1]	■ 15:11:23 ■ 1Pk Max 0.02 dBm 009639500 GHz 0.16 dB
17 15:11:23 Spectrum 35 db m Offse 35 db SwT andwidth H1 25:800 dbm	319.3 k	dB • RBW 10 ns) • VBW 30 	kHz KHz Mode Auto		-72 -72 -72 	Measuring	M1[1]	■ 15:11:23 ■ 1Pk Max 0.02 dBm 009639500 GHz 0.16 dB
17 15:11:23 Spectrum 35 db m Offse 35 db SwT andwidth H1 25:800 dbm	319.3 k	dB • RBW 10 ns) • VBW 30 	kHz KHz Mode Auto		T22 Vet	Measuring	M1[1]	■ 15:11:23 ■ 1Pk Max 0.02 dBm 009639500 GHz 0.16 dB
17         15:11:23           Spectrum         35 dB           System         Offse           35 dB         Swr           andwidth         41	319.3 k	dB • RBW 10 ns) • VBW 30 	kHz KHz Mode Auto		122 V	Measuring	M1[1]	■ 15:11:23 ■ 1Pk Max 0.02 dBm 009639500 GHz 0.16 dB
17         15:11:23           Spectrum         35 db sw1           35 db sw1         sw1           11         25:800 dbm           141         25:800 dbm	319.3 k	dB • RBW 10 ns) • VBW 30	KHZ Mode Aut			Measuring	M1[1]	■ 15:11:23 ■ 1Pk Max 0.02 dBm 0.02 dBm 320.400 kHz
2 2 2 2 2 2 2 2 2 2 2 2 2 2	319.3 k	dB • RBW 10 ns) • VBW 30 	KHZ Mode Aut		0.0 kHz/	Measuring	M1[1] 1.5	15:11:23
I7         15:11:23           Spectrum         Spectrum           30:0 dem offse         35:d8           33:d8         SWT           mdwi60h         H1           H1         25:800 dem           H2         -0.200           H2         -0.200           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I	319.3 k	dB = RBW 10 ns) = VBW 30   	KHZ Mode Aut	0 FFT			M1[1] 1,5 01[1]	15:11:23
Z z z z z z z z z z z z z z	319.3 k t 8.00 419 μs (~7.3 r 419 μs (~7.3 r))	dB = RBW 10 ns) = VBW 30 T1 M1 1001 pt Hz SHz SHz	KHZ KHZ Mode Aut		0.0 kHz/		M1[1] 1.5	15:11:23
I7         15:11:23           Spectrum         Spectrum           30:0 dem offse         35:d8           33:d8         SWT           mdwi60h         H1           H1         25:800 dem           H2         -0.200           H2         -0.200           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I	319.3 k	dB = RBW 10 ns) = VBW 30 T1 M1 1001 pt Hz SHz SHz	KHZ KHZ Mode Aut S Y-Value 0.02 dBm 11.83 dBm	0 FFT	0.0 kHz/	2	M1[1] 1,5 01[1]	15:11:23
	e File 2 -0.180 	+1 25.820 dBm +2 -0.180 dBm +2 -0.180 dBm 	H1 25.820 dBm H2 25.820 dBm H2 -0.180 dBm H2 -0.	H1 25.820 dBm H2 -0.180 dBm H2 -0.150 dBm H2 -0.	H1 25.820 dBm H2 20.180 dBm H2 -0.180 dBm H2 -0.	H1 25.80 dBm H1 1 1.8500374 GHz H2 -0.50 dBm H1 1.8500374 GHz H2 -0.04 dBm H1 1.8500374 GHZ	11 25.520 dim       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       <	••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         ••••         •••• <td< td=""></td<>

Interview       Spectrum       Spectrum <t< th=""><th></th><th></th><th></th><th></th><th>WCDMA</th><th>Band</th><th>I</th><th></th><th></th><th></th></t<>					WCDMA	Band	I				
Instruction         Double all field of the second of	MultiView	8 Spectrum				( Dana i	•				
Image: Sector	Ref Level 3	5.00 dBm Offse	t 8.0		00 kHz 00 kHz Mode (	uto FET					
pi da de la construir de la co	1 Occupied B	andwidth	41.84 µs (**0.5	7 ms) - 004 - 5					M1[1]	1Pk Max 10,41 dBm	
A SEC ALL AND VESSO      A SEC ALL AND VE	30 dBm								<u> </u>	.85005300 GHz	
Call and the second secon	20 dBm								01[1]	4.67900 MHz	
land and a second	10 -0	H1 16.610 dBm	T1		m		hanne				
Image: State of the state	10 dBm		7					×			
la an and an and an	0 dBm										
Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector     Image: Sector     Image: Sector       Image: Sector     Image: Sector     Image: Sector <t< td=""><td>-10 dBm</td><td>H2 -9.390</td><td>dBm M</td><td></td><td></td><td></td><td></td><td>01 1</td><td></td><td></td></t<>	-10 dBm	H2 -9.390	dBm M					01 1			
Image: Sector market in the sector	-20 d8m		$\sim$					6			
be all all all all all all all all all al	~~~~~	have	$\sim$							~~.	
billing and billin	~30 dBm									Change	
citizer       100 ps       0.9457       Storn 10.0457         Citizer of the store of the	-40 dBm										
Image: Instance       Image: Instance       Image: Instance       Second 0.00 MBC         Image: Instance       Image: Instance       Image: Instance       Image: Instance         Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance         Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance         Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance       Image: Instance	-50 dBm										
Image: Instructure       Image: Instructure       Image: Instructure       Second 20 MBC         Marker Table       Image: Instructure       Image: Instructure       Image: Instructure       Image: Instructure         Marker Table       Image: Instructure       Image: Instructure       Image: Instructure       Image: Instructure         Marker Table       Image: Instructure       Image: Instructure       Image: Instructure       Image: Instructure         Marker Table       Image: Instructure       Image: Instructure       Image: Instructure       Image: Instructure         Marker Table       Image: Instructure       Image: Instructure       Image: Instructure       Image: Instructure         Marker Table       Image: Instructure       Image: Instructure       Image: Instructure       Image: Instructure         Marker Table       Image: Instructure       Image: Instructure       Image: Instructure       Image: Instructure         Marker Table       Image: Instructure       Image: Instructure       Image: Instructure       Image: Instructure         Marker Table       Image: Instructure       Image: Instructure       Image: Instructure       Image: Instructure         Marker Table       Image: Instructure       Image: Instructure       Image: Instructure       Image: Instructure         Image: Instructure       I	-60 dBm										
Image: Ref.         Proc.         Schedule         Value in the processor of the schedule in	CF 1.8524 GH			1001 pt	is is	1	0 MHz/		:	Span 10.0 MHz	
1       1       1       1       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.000000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.00000       0.000000       0.000000       0.000000       0.000000       0.000000       0.0000000       0.0000000       0.00000000000       0.00000000000000000000000000000000000	Type Re	ef   Trc	X-Value		Y-Value		Function		Function R	esult	
Dir. Hit 1         4.679 MHz         1.98 48           Dir. 20.41.0017 Hit 15:00         Channel 9262           Millioner         Spectrum         (************************************	T1	1 1	1.8503221 0	GHz	8.05 dBm	Occ Bw			4.14585414	6 MHz	
Des: 2ULNEUT         Testsol           Des: 2ULNEUT         Testsol <thdes: 2ulneut<="" th=""></thdes:>	 D1 M	1 1 1	1.8544679 C 4.679 M	Hz Hz	7.30 dBm 1.98 dB						
Channel 9262         Control Spectrum         Control Spectrum <th col<="" td=""><td></td><td>)(</td><td></td><td></td><td></td><td></td><td></td><td>Measuring</td><td>••••••••••••••••••••••••••••••••••••••</td><td>29.06.2017 18:15:49</td></th>	<td></td> <td>)(</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Measuring</td> <td>••••••••••••••••••••••••••••••••••••••</td> <td>29.06.2017 18:15:49</td>		)(						Measuring	••••••••••••••••••••••••••••••••••••••	29.06.2017 18:15:49
Puttylew         Spectrum	Date: 29.JUN.20	17 18:15:50									
Puttylew         Spectrum					Channe	el 9262					
Ref         Excited 2500 after         Stock # PEW 200 Hit           Ref         300 Mit         1404 after (-0.5 mit) * VEW 200 Hit         Made AutorFT         Stock # PEW 200 Hit           Ref         1101 After (-0.5 mit) * VEW 200 Hit         Made AutorFT         Stock # PEW 200 Hit         Stock # PEW 200 Hit           Ref         1101 After (-0.5 mit) * VEW 200 Hit         Made AutorFT         Stock # PEW 200 Hit         Stock # PEW 200 Hit           Ref         1101 After (-0.5 mit) * VEW 200 Hit         Made AutorFT         Stock # PEW 200 Hit         Stock # PEW 200 Hit           Ref         1101 After (-0.5 mit) * VEW 200 Hit         Made AutorFT         Stock # PEW 200 Hit         Stock # PEW 200 Hit           Ref         1101 After (-0.5 mit) * VEW 200 Hit         100 Hit         Stock # PEW 200 Hit         Stock # PEW 200 Hit         Stock # PEW 200 Hit           Ref         120 After (-0.5 mit) * VEW 200 Hit         100 Hit         Stock # PEW 200 Hi	MultiView	8 Spectrum			<b>C</b>						
Corpored Bandwitch     a dam					00 kHz	luto FFT					
In Barry 10, 127, 126, 100       L077, 651, 000	1 Occupied B	andwidth	41.04 µS (~0.5	2 ms) = vBW 3	UUNIZ MODE A	sato nel			M1[1]		
am       4.66800 Met         am       4.66800 Met         am       4.66800 Met         am       4.6680 Met         am       4.668 Met         am       <	30 dBm								- 1	.87765100 GHz	
la de 10 9.000 m 10 9.0000 m 10 9.0000 m 10	20 dBm								01(1)	4.68500 MHz	
aller		H1 16.040 dBm		m	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		hanne				
ab atime       102.950 atime       1001 pts       1.0.MHz/       Span 10.0 MHz         ab atime       1001 pts       1.0.MHz/       Span 10.0 MHz         ab atime       1001 pts       1.0.MHz/       Span 10.0 MHz         Yearser Table       Value       Function       Function Result         Tit       1.0.90520 GHz       0.0.81 dB       0.0.81 dB       0.0.81 dB         Tit       1.0.90520 GHz       0.0.81 dB       0.0.81 dB       0.0.81 dB         Tit       1.0.90520 GHz       0.0.81 dB       0.0.81 dB       0.0.81 dB         Tit       1.0.90520 GHz       0.0.81 dB       0.0.81 dB       0.0.81 dB         Tit       1.0.90520 GHz       0.0.81 dB       0.0.81 dB       0.0.81 dB         Tit       1.0.90520 GHz       0.0.81 dB       0.0.81 dB       0.0.81 dB         Tit       1.0.90520 GHz       0.0.81 dB       0.0.81 dB       0.0.81 dB         Tit       1.0.90520 GHz       0.0.81 dB       0.0.81 dB       0.0.81 dB         Tit       1.0.90520 GHz       0.0.81 dB       0.0.81 dB       0.0.81 dB         Tit       0.0.90 dB       8.8W 100 HZ       0.0.81 dB       0.0.81 dB       0.0.81 dB         Tit       0.0.90 dB       8.8W 100 HZ <td>10 dBm-</td> <td></td> <td>7</td> <td>·</td> <td></td> <td></td> <td>,</td> <td>N. Contraction</td> <td></td> <td></td>	10 dBm-		7	·			,	N. Contraction			
2 dam 4	0 dBm										
90 dm       40 dm <td< td=""><td>-10 dBm</td><td>H2 -9.960</td><td>dBm M</td><td></td><td></td><td></td><td></td><td>01</td><td></td><td></td></td<>	-10 dBm	H2 -9.960	dBm M					01			
00 dm       40 dm <td< td=""><td>-20 dBm</td><td></td><td>$\square \land$</td><td></td><td></td><td></td><td></td><td>L_</td><td></td><td></td></td<>	-20 dBm		$\square \land$					L_			
40 8/m       50 8/m       60 8/m	~~~~~	m	$\sim$					\~~	h	m.	
So dim         Image: Space Charge Spa	-30 dBm										
Addition         Addition         Span 10.0 MHz           2Marker Table         Y-Value         Function         Function Result           11         1         1.8777551 GHz         -30.88 dhan         Occ Bw         4.155844156 MHz           12         1.8777551 GHz         -30.88 dhan         Occ Bw         4.155844156 MHz         2002017           12         1.8777551 GHz         -30.88 dhan         Occ Bw         4.155844156 MHz         2002017           Date: 20.0LN:007 18:16:49         0.83.0B         Measuring         2002017         10:15:00           Charantel Spectrum         \$0.00 db = RBW 100 HHz         *         *         20.00 db = 0.00 Hz         *           8.00 db = RBW 100 HHz         *         Att         53.00 dbm         10:11 10:00 Hz         *           9.0 db = 4.05 Sml         50.00 db = 8.00 Hz         Mode Auto FT         10:00 Hz         *         4.65800 MHz         >         0.111 10:00 CHZ         0.00 Hz         0.011 10:00 CHZ         0.00 Hz         0.011 10:00 CHZ         0.011 10:00	-40 dBm										
CF 1.88 CHz       1001 pts       1.0 MHz/       Span 10.0 MHz         2 Marker Table       Function       Function Result         Military Table       1.0 ST7655 LGHz       1.0 S8 dBm       Function Result         Military Table       1.0 ST7655 LGHz       1.0 S8 dBm       Crc BW       4.155844156 MHz         Dit Military Table       1.0 ST7655 LGHz       1.0 S8 dBm       Crc BW       4.155844156 MHz         Dit Military Table       1.0 ST7655 LGHz       0.83 dB       Measuring       Weasuring       2906.2017         Detc: 20.4 LN 2017 18:16:49       Channel 94000       Measuring       Weasuring       Weas	-50 dBm										
CF 1.88 CHz       1001 pts       1.0 MHz/       Span 10.0 MHz         2 Marker Table       Function       Function Result         Military Table       1.0 ST7655 LGHz       1.0 S8 dBm       Function Result         Military Table       1.0 ST7655 LGHz       1.0 S8 dBm       Crc BW       4.155844156 MHz         Dit Military Table       1.0 ST7655 LGHz       1.0 S8 dBm       Crc BW       4.155844156 MHz         Dit Military Table       1.0 ST7655 LGHz       0.83 dB       Measuring       Weasuring       2906.2017         Detc: 20.4 LN 2017 18:16:49       Channel 94000       Measuring       Weasuring       Weas	50 dou:										
Water Table         V. Value         Function         Function Result           Mit         1         1.877651 GHz         -10.88 dBm         Occ Bw         4.155844156 MHz           1         1         1.877621 GHz         2.50 dbm         Occ Bw         4.155844156 MHz           1         1         1.877621 GHz         2.50 dbm         Occ Bw         4.155844156 MHz           1         1.877621 GHz         2.50 dbm         Occ Bw         4.155844156 MHz         296.200           Date: 28,UN.2017 181849         Occ Bw         0.81 dB         0.97 dBmz         296.200         0.97 dBmz           Mattiview         Spectrum         Channel 9400         Image: Spectrum         Image				1001 pt	s	1	0 MHz/			Span 10.0 MHz	
Mi       1.877521 GHz       -10.88 dBm       Occ Bw       4.155844156 MHz         1       1.870521 GHz       6.79 GHz       6.79 GHz       6.79 GHz       6.79 GHz       2905-3917         Di       Mi       4.685 MHz       0.81 dB       Measuring       4.155844156 MHz       10:10:49         Dete: 23.UN.2017 18:18:49         Channel 9400         Militiview Spectrum         Sol SWT 41.94 us (~6.0 Hz)	2 Marker Tat Type Re	ef   Trc	X-Value		Y-Value		Function				
12       1       1.880279 GHz       6.79 GHz         1       4.685 MHz       0.81 dB       Measuring       2906.207         Dete: 29.U.N.2017 18:19:49       Channel 9400       Image: 200.00 dB = RBW 100 Hz       Image: 200.00 Hz       Image: 200.00 Hz       Image: 200.00 Hz <td>M1</td> <td>1</td> <td>1.877651 G</td> <td></td> <td>10.88 dBm</td> <td>Occ Bw</td> <td></td> <td></td> <td></td> <td></td>	M1	1	1.877651 G		10.88 dBm	Occ Bw					
Date: 29.UN.2017 18:19:49         Dete: 29.UN.2017 18:19:49         Channel 94000         Image: Spectrum ref. 1000 dbm ref. 10000 dbm ref. 1000 dbm re	T2	1 1	1.8820779 C 4.685 M	iHz Hz	6.79 dBm 0.81 dB						
Channel 9400         Multivilee Spectrum         Ref Level 35:00 dbm       0.00 db = RBW 100 kHz         att       35:06 SWT       41:84 µs (~6.9 ms) = VBW 300 kHz       Mode Auto FFT         1 Occupied Baardwidth       91(1)       .9526600 cHz       .9.41 dbm         a dbm       01(1)       .9526600 cHz       .9.60 cBw       .65800 hHz         10 dbm       1.9526600 cHz       .9.61 dbm       .9.61 dbm       .9.65 cHz         10 dbm       1.9526600 cHz       .9.61 dbm       .9.61 dbm       .9.65 cHz         20 dbm       1.0 dbm       1.9526600 cHz       .9.61 dbm       .9.65 cHz         10 dbm       1.0 dbm       .9.61 dbm       .9.61 dbm       .9.61 dbm         20 dbm       .9.61 dbm       .9.61 dbm       .9.61 dbm       .9.61 dbm         20 dbm       .9.60 dbm       .9.61 dbm       .9.61 dbm       .9.61 dbm         20 dbm       .9.60 dbm       .9.61 dbm       .9.61 dbm       .9.61 dbm         20 dbm       .9.61 dbm       .9.61 dbm       .9.61 dbm       .9.61 dbm         20 dbm       .9.60 dbm       .9.61 dbm       .9.61 dbm       .9.61 dbm         20 dbm       .9.62 dbm       .9.61 dbm       .9.61 dbm       .9.61 dbm		)[]						Measuring		29.06.2017 18:19:49	
MultiView         Spectrum         v           Ref Level 36.00 dem Offset 35.db         \$0.018 # RBW 100 kHz 35.db         \$0.018 # RBW 100 kHz 35.db         \$0.018 # RBW 100 kHz 35.db         \$0.018 # RBW 100 kHz 30 dem           90 dem         \$1.84 µs (~6.9 ms) # VBW 300 kHz 10 dem         \$1.84 µs (~6.9 ms) # VBW 300 kHz 10.00 kHz         \$1.10 ms (~1.00	Date: 29.JUN.20	17 18:19:49									
MultiView         Spectrum         v           Ref Level 36.00 dem Offset 35.db         \$0.01 de #RW 100 kHz 35.db         \$0.01 de #RW 100 kHz 35.db         \$0.01 de #RW 100 kHz 30.db           90 dem         M1[1]         \$0.05 de 1.90526600 GHz 20 dem         \$0.11 dem 1.90526600 GHz 20 dem           10 dem         11         \$0.05 de 4.65800 MHz         \$0.01 de 4.65800 MHz           20 dem         11         \$0.05 de 4.65800 MHz         \$0.01 de 4.65800 MHz           10 dem         11         \$0.02 de 4.65800 MHz         \$0.01 de 4.65800 MHz           20 dem         12         \$0.01 de 4.65800 MHz         \$0.01 de 4.65800 MHz           10 dem         11         \$0.02 de 4.65800 MHz         \$0.01 de 4.6580 MHz           20 dem         12         \$0.01 de 4.6580 MHz         \$0.01 de 4.6580 MHz         \$0.01 de 4.6580 MHz           20 dem         12         \$0.01 pts         \$0.01 pts         \$0.01 pts         \$0.01 pts           30 dem         1         \$0.02 pts         \$0.01 pts         \$0.01 pts         \$0.01 pts           20 dem         1         \$0.02 pts         \$0.01 pts         \$0.01 pts         \$0.01 pts           30 dem         1         \$0.02 pts         \$0.01 pts         \$0.01 pts         \$0.01 pts           20 dem					Channe	el 9400					
Ref Level 35.00 @hm         Offset         8.00 @h # REW 100 Htz           • Att         35.85         SWT         41.84 µs (~6.9 ms) # VBW 300 Htz         Mode Auto FFT           • Occupied BondWidth         • M1(1)         • 9.341 @hm         • 9.341 @hm         1.90526600 @htz           20 dbm         • D1(1)         • 9.341 @hm         1.90526600 @htz         0.50 @htz         0.11 @htz           20 dbm         • 10 @ht         • 10 @ht         • 10 @ht         • 1.90526600 @htz         0.50 @htz           10 dbm         • 10 @ht         • 10 @ht         • 10 @ht         • 1.90526600 @htz         0.50 @htz           10 dbm         • 10 @ht         • 10 @ht         • 1.90526.00 @htz         0 @htz         0.00 @htz           20 dbm         • 10 @ht         • 10 @ht         • 10 @ht         • 1.90526.00 @ht         0 @ht           10 dbm         • 12 @ht         • 10 @ht         • 1.90526.00 @ht         0 @ht         0 @ht         0 @ht           • 0 @ht         • 12 @ht         • 10 @ht         • 10 @ht         0 @ht         0 @ht         0 @ht           • 0 @ht         • 10 @ht         • 10 @ht         • 10 @ht         • 10 @ht         0 @ht         0 @ht         0 @ht           • 0 @ht         • 10 @ht <t< td=""><td>MultiView</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>▼</td></t<>	MultiView									▼	
1 Occupied Bandwidth         • 1 Rk Max           20 dbm         • 10 lbk Max           20 dbm         • 10 lbk Max           20 dbm         • 10 lbk Max           1.90526600 GHz         • 0.50 db           20 dbm         • 0 lbk           0 dbm         • 0.50 db           10 dbm         • 0.50 db           0 dbm         • 0 lbk           • 0 dbm         • 0 dbm           • 1 1 1.905526 GHz         • 0.00 Hz/           2 1 1.001 pts         • 0.0 Hz/           2 1 1.00579 GHz         • 0.50 dB           • 1 1 1 4.658 MHz         • 0.50 dB           • 10 Hz         • 0.50 dB           • 10 Hz         • 0.50 dB           • 10 Hz         • 0.50 dB           • 10 H	Att	5.00 dBm Offse 35 dB <u>SW</u> T	t 8.0 41.84 μs (~6.9	00 dB <b>= RBW</b> 1 9 ms) <b>= VBW</b> 3	00 kHz 00 kHz Mode A	Auto FFT					
a) dem	1 Occupied B	andwidth							M1[1]	-9.41 dBm	
20 dsm     4.65800 MHz       10 dsm     4.65800 MHz       10 dsm     4.65800 MHz       0 dsm     4.65800 MHz       0 dsm     4.65800 MHz       10 dsm     4.65800 MHz       10 dsm     4.65800 MHz       10 dsm     4.65800 MHz       10 dsm     4.65800 MHz       20 dsm     4.65800 MHz       -20 dsm     4.65800 MHz       -20 dsm     4.65800 MHz       -20 dsm     4.65800 MHz       -20 dsm     -20 dsm	30 dBm								- 1	.90526600 GHz 0.50 dB	
10 d8m     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T     T <td< td=""><td>20 dBm</td><td>H1 16 360 dam</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>4.65800 MHz</td></td<>	20 dBm	H1 16 360 dam								4.65800 MHz	
0 d8n     12     9.640 d8m     12     9.640 d8m       -20 d8m     -20 d8m     -20 d8m     -20 d8m     -20 d8m       -30 d8m     -20 d8m     -20 d8m     -20 d8m     -20 d8m       -40 d8m     -20 d8m     -20 d8m     -20 d8m     -20 d8m       -40 d8m     -20 d8m     -20 d8m     -20 d8m     -20 d8m       -40 d8m     -20 d8m     -20 d8m     -20 d8m     -20 d8m       -40 d8m     -20 d8m     -20 d8m     -20 d8m     -20 d8m       -20 d8m     -20 d8m     -20 d8m     -20 d8m     -20 d8m       -20 d8m     -20 d8m     -20 d8m     -20 d8m     -20 d8m       -20 d8m     -20 d8m     -20 d8m     -20 d8m     -20 d8m       -20 d8m     -20 d8m     -20 d8m     -20 d8m     -20 d8m       T2     1 0.00 pts     1.00 Hz/     Span 10.00 Hz/     Span 10.00 Hz/       21 1     1.9055226 GHz     -29.41 d8m     0.cc Bw     4.145854146 MHz       T1     1     1.905526 GHz     7.19 d8m     0 cc Bw     4.145854146 MHz       D1     M1     4.658 MHz     0.50 d8     -29.06.2017     18:22:45       Dete: 29JUN2017 18:22:44     -29.06.2017     18:22:45     -29.06.2017	10 dBm	10.000 UBII	Ţ,	Jan m	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		hand				
10 dbm     10 dbm     10 dbm     10 dbm     10 dbm     10 dbm       20 dbm     10 dbm     10 dbm     10 dbm     10 dbm       30 dbm     10 dbm     10 dbm     10 dbm       40 dbm     10 dbm     10 dbm     10 dbm       50 dbm     1001 pts     1.0 MHz/       20 dbm     1001 pts     0 cc Bw       11 1     1.905526 GHz     7.72 dBm       12 1     1.905526 GHz     7.12 dBm       11 1     1.9055221 GHz     7.12 dBm       12 1     1.9055221 GHz     7.12 dBm       11 1     1.9055221 GHz     7.12 dBm       11 1     1.9055221 GHz     7.12 dBm       12 1     1.905521 GHz     7.12 dBm       13 1     4.658 MHz     0.50 dB         Measuring     Measuring       29.06.2017     18:22:45			∟_ /					$\sum$			
20 dBm	U dBm		м								
30 dBm	-10 dBm-	H2 -9.640	dBm					1			
40 dBm	-20 dBm							the the			
-40 dBm	-30 dBm-	1 - m	~~~						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	h	
So d8m         Image: CF 1.9076 GHz         1001 pts         1.0 MHz/         Span 10.0 MHz           20 d8m         Image: CF 1.9076 GHz         Image: CF 1.9076 GHz         Span 10.0 MHz         Span 10.0 MHz           2 Marker Table         Y-Value         Function         Function Result         Function Result           11         1.905526 GHz         -9.41 dBm         Occ Bw         4.145854146 MHz           T2         1.905526 GHz         7.72 dBm         Occ Bw         4.145854146 MHz           D1         M1         1         4.658 MHz         0.50 dB           Measuring         C29.06.2017           Date: 29.JUN.2017 18:22:44											
40 dbm         CF 1.9076 GHz         1001 pts         1.0 MHz/         Span 10.0 MHz           2Marker Table         2Marker Table         Function         Function Result           Min         1         1.905226 GHz         -9.41 dBm         Function         Function Result           T1         1         1.905526 GHz         7.72 dBm         Occ Bw         4.145854146 MHz           T2         1         1.9055271 GHz         7.12 dBm         Occ Bw         4.145854146 MHz           D1         M1         1         4.658 MHz         0.50 dB         9.90.62017           Dete: 29JUN 2017         18:22:45         Measuring         18:22:45	-40 dBm										
CF 1.9076 GHz         1001 pts         1.0 MHz/         Span 10.0 MHz           2 Marker Table         Type         Ref         Trc         X-Value         Y-Value         Function         Function Result           M1         1         1.9055266 GHz         -9.41 dBm         Occ BW         4.145854146 MHz           T1         1         1.905529 GHz         7.72 dBm         Occ BW         4.145854146 MHz           T2         1         1.9055679 GHz         7.19 dBm         Occ BW         4.145854146 MHz           D1         M1         1         4.658 MHz         0.50 dB         Measuring         29.06.2017           Dete: 29JUN 2017         18:22:45         Dete: 29JUN 2017         18:22:45         18:22:45	-50 dBm										
2 Marker Table         Y-Value         Y-Value         Function         Function Result           Mi         1         1.905226 GHz         -9.41 dBm <td>-60 dBm</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	-60 dBm										
Type         Ref         Trc         X-Value         Y-Value         Function         Function Result           M1         1         1.905526 GHz         -9.41 dBm         Function         Function Result           T1         1         1.905526 GHz         -7.72 dBm         Occ Bw         4.145854146 MHz           T2         1         1.9095679 GHz         7.19 dBm         Occ Bw         1.1458564146 MHz           D1         M1         1         4.658 MHz         0.50 dB         10.000 BW         29.06.2017           Measuring         1.122244			1	1001 pt	i s	1	.0 MHz/	1	۱ •	Span 10.0 MHz	
T1     1     1.9055221 GHz     7.72 dBm     Occ Bw     4.145854146 MHz       T2     1     1.9095679 GHz     7.19 dBm     Occ Bw     4.145854146 MHz       D1     M1     1     4.658 MHz     0.50 dB       Measuring       Dete: 29JUN 2017 18:22:44	Type Re	f Trc	X-Value		Y-Value		Function		Function R	esult	
D1 M1 1 4.658 MHz 0.50 dB Measuring 1 1 29.06.2017 18:22:45 Dete: 29.JUN.2017 18:22:44	T1	1	1.9055221 0	GHz	7.72 dBm	Occ Bw			4.14585414	6 MHz	
Dete: 29.JUN 2017 18:22:44	T2 D1M	1 1	1.9096679 C 4.658 M	Hz Hz	7.19 dBm 0.50 dB						
		Л						Measuring	(	29.06.2017 18:22:45	
Channel 9538	Date: 29.JUN.20	17 18:22:44									
					Chamm						

				<b>WCDM</b>	\ Bond \				
MultiViour	B Spectrum	<u>,                                     </u>			A Dariu	V			
Ref Level 3			0 dB • RBW 1	00 kHz					Ľ
<ul> <li>Att</li> <li>1 Occupied B</li> </ul>		41.84 µs (~6.9	9 ms) 🗢 VBW 3	00 kHz Mode	Auto FFT				●1Pk Max
30 dBm								M1[1]	-9.99 dBm 324.05100 MHz
								D1[1]	1.13 dB 4.68500 MHz
20 dBm	H1 16.550 dBm		~~~~~	mm		h			
10 dBm		71	~~				R.		
0 dBm	<u> </u>								
	H2 -9.450	м					dr.		
-10 dBm	H2 -9.450	J dBm					1		
-20 dBm									
-30 dBm								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
-40 dBm									~~~~
-50 dBm									
-60 dBm									
CF 826.4 MHz 2 Marker Tab			1001 pt	s		.0 MHz/			pan 10.0 MHz
Type Re M1	ef Trc 1	X-Value 824.051 M	H7	Y-Value -9.99 dBm		Function		Function R	esult
T1 T2	1	824 33207 N	1H-7	7.99 dBm 7.57 dBm	Occ Bw			4.15584415	6 MHz
D1 M1	1 1	828.48791 N 4.685 M	Hz	1.13 dB					00.06.0047
	_![						Measuring	C	29.06.2017 18:25:31
Date: 29.JUN.20	17 18:25:31								
				Chann	el 4132				
MultiView	🗄 Spectrum	ı )							
	6.00 dBm Offse		00 dB = RBW 1 9 ms) = VBW 3	00 kHz 00 kHz Mode	Auto FFT				
1 Occupied B	andwidth	. 2.04 µs (190.5		Mode				M1[1]	●1Pk Max -9.84 dBm
30 dBm	+							D1[1]	-9.84 dBff 334.25300 MHz 0.04 dB
20 dBm								DI[I]	4.68600 MHz
	H1 16.500 dBm	T1	~~~~~	h	$\sim$	human	-		
10 dBm		7				`	Ŕ		
0 dBm	+								
-10 dBm	H2 -9.500	) dBm					di .		
							Ţ		
-20 dBm							- 5		
-30 dBm	<u>+</u>								n.
-40 dBm									- m
-50 dBm									
-60 dBm				s					Span 10.0 MHz
CF 836.6 MHz			1001 pt			1.0 MHz/			
CF 836.6 MHz 2 Marker Tab Type   Re	ole ef   Trc	X-Value		Y-Value		Function		Function R	esult
CF 836.6 MHz 2 Marker Tab Type   Re M1 T1	ble	X-Value 834.253 M 834.51209 N 838.65794 N	Hz ·	Y-Value -9.84 dBm 8.31 dBm	Occ Bw				
CF 836.6 MHz 2 Marker Tab Type   Re M1	ble ef   Trc   1 1 1	X-Value 834.253 M 834.51209 N 838.65794 N 4.686 M	Hz ·	Y-Value -9.84 dBm				Function R	6 MHz
CF 836.6 MHz 2 Marker Tab Type Re M1 T1 T2 D1 M1	ble 1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 N 838.65794 N	Hz ·	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm				Function R	6 MHz
CF 836.6 MHz 2 Marker Tab Type Re M1 T1 T2	ble 1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 N 838.65794 N	Hz ·	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function R	6 MHz
CF 836.6 MHz 2 Marker Tab Type Re M1 T1 T2 D1 M1	ble 1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 N 838.65794 N	Hz ·	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB				Function R	6 MHz
CF 836.6 MH2 2 Marker Tab Type Re M1 T1 T2 D1 M2 Date: 29.JUN.20	ble f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 M 838.65794 N <b>4.686 M</b>	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function R	6 MHz
CF 836.6 MHz 2 Marker Tab Type   Re M1 T1 T2 D1 M; Date: 29.JUN.20 MultiView Ref Level 3: ● Att	ele ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 N 838.65794 N <b>4.686 M</b>	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function R	6 MHz 29.06.2017 18:27:18 ⊽
CF 836.6 MH2 2 Marker Tab Type   Re MI T1 T2 D1 M1 Date: 29.JUN.20 MultiView Ref Level 34 Att 1 Occupied B1	ele ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 M 838.65794 N <b>4.686 M</b>	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBm
CF 836.6 MHz 2 Marker Tab Type   Re M1 T1 T2 D1 M; Date: 29.JUN.20 MultiView Ref Level 3: ● Att	ele ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 M 838.65794 N <b>4.686 M</b>	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBr -9.75 dBr -9.75 dBr -9.75 dBr -0.12 dB
CF 836.6 MH2 2 Marker Tab Type   Re MI T1 T2 D1 M1 Date: 29.JUN.20 MultiView Ref Level 34 Att 1 Occupied B1	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 M 838.65794 N <b>4.686 M</b>	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ♥ 1Pk Max ● .1Pk Max ● .7,5 dBm 444.26100 MHz
CF 836.6 MH2 2 Marker Tab Type   Re M1 T1 T2 D1 M3 Date: 29.JUN.20 MultiView Ref Level 34 Att 1 Occupied B 30 dBm 20 dBm	ele ef Trc 1 1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 M 838.65794 N <b>4.686 M</b>	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBr -9.75 dBr -9.75 dBr -9.75 dBr -0.12 dB
CF 836.6 MH2 2 Marker Tab Type   Re M1 T1 T2 D1 M2 Dete: 29.JUN 20 MultiView Ref Level 34 Mt 1 Occupied B 30 dBm 20 dBm	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 M 838.65794 N <b>4.686 M</b>	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBr -9.75 dBr -9.75 dBr -9.75 dBr -0.12 dB
CF 836.6 MH2 2 Marker Tab Type   Re M1 T1 T2 D1 M3 Date: 29.JUN.20 MultiView Ref Level 34 Att 1 Occupied B 30 dBm 20 dBm	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 N 838.65794 N 4.686 M et 81 41.84 µs (~6.5	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBr -9.75 dBr -9.75 dBr -9.75 dBr -0.12 dB
CF 836.6 MH2 2 Marker Tab Type   Re M1 T1 T2 D1 M2 Dete: 29.JUN 20 MultiView Ref Level 34 Att T Occupied B 30 dBm 20 dBm 10 dBm	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 N 838.65794 N et 41.84 µs (~6.5	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBr -9.75 dBr -9.75 dBr -9.75 dBr -0.12 dB
CF B36.6 MHz           2 Marker Tab           Type           Ref           Mil           T1           T2           D1           Mil           Varker Tab           Yepe           Ref           Varker           MultiView           Ref           Ref           30 dBm           20 dBm           10 dBm           0 dBm	ele if Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 N 838.65794 N et 41.84 µs (~6.5	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBr -9.75 dBr -9.75 dBr -9.75 dBr -0.12 dB
CF 836.6 MH2 2 Marker Tab Type   Re M1 T1 T2 D1 M2 Dete: 29.JUN 20 MultiView Ref Level 30 # Att 10 cscupics B 30 dBm 10 dBm 0 dBm	ele if Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 N 838.65794 N et 41.84 µs (~6.5	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBr -9.75 dBr -9.75 dBr -9.75 dBr -0.12 dB
CF 836.6 MHz 2 Marker Tab Type Re M1 T1 T2 D1 M1 Date: 29,JUN.20 MultiView Ref Level 34 Att Occupicd B 30 dBm 20 dBm 10 dBm -10 dBm -10 uBm	ele if Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 N 838.65794 N et 41.84 µs (~6.5	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBr -9.75 dBr -9.75 dBr -9.75 dBr -0.12 dB
CF 836.6 MHz 2 Marker Tab Type   Re M1 T1 T2 D1 M2 Dete: 29.JUN 20 MultiView Ref Level 34 Att T Occupied B 30 dBm 20 dBm 10 dBm 0 dBm -20 dBm -20 dBm	ele if Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 N 838.65794 N et 41.84 µs (~6.5	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBr -9.75 dBr -9.75 dBr -9.75 dBr -0.12 dB
CF B36.6 MHz           2 Marker Tab           Type           Ref           11           T2           D1           Mil           D2           D1           Mile           Marker Tab           Type           Ref           MultiView           Ref           Participation           0 dBm           20 dBm           10 dBm           0 dBm           -20 dBm           -30 dBm           -40 dBm	ele if Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 N 838.65794 N et 41.84 µs (~6.5	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBr -9.75 dBr -9.75 dBr -9.75 dBr -0.12 dB
CF B36.6 MHz           2 Marker Tab           Type           Tarker Tab           Type           Marker Tab           Tipe           Tarker Tab           Type           Marker Tab           Tarker Tab           Type           Date:           29.JUN 20           MultiView           Ref Level 30           * Att           10 dBm           20 dBm           10 dBm           -0 dBm           -30 dBm	ele if Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 N 838.65794 N et 41.84 µs (~6.5	Hz AHz AHz HHZ HZ	Y-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB	Occ Bw			Function Re 4.14585414	6 MHz 29.06.2017 18:27:18 ▼ • 1Pk Max -9.75 dBr -9.75 dBr -9.75 dBr -9.75 dBr -0.12 dB
CF 836.6 MHz           2 Marker Tab           Type           Ref           Mil           Ti           T2           D1           Mil           T2           D1           Mil           T0           MultiView           Ref Level 3r           Att           10 d8m           20 d8m           -20 d8m           -30 d8m           -30 d8m           -30 d8m           -30 d8m           -30 d8m           -30 d8m	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 N 838.65794 N et 41.84 µs (~6.5	Hz Hz Hz Hz Hz Hz Hz hz hz ms) • VBW 3	V-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB Chann 00 kHz 00 kHz Mode	Occ Bw	Function		Function Ref 4.14585414	6 MHz 29:06:2017 18:27:18 ▼ • 1Pk Max -9:75 dBm -9:75 dBm -0:12 dB 4:67700 MHz
CF 836.6 MHz           2 Marker Tab           Type           11           T2           D1           MultiView           Ref Level 3t           Att           10 dBm           20 dBm           30 dBm           -20 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm           -30 dBm	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 H 4.686 M 4.686 M	Hz Hz Hz Hz Hz Hz Hz hz hz hz hz hz hz hz hz hz hz hz hz hz	V-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB Chann 00 kHz Mode	Occ Bw	Function		Function Rd	6 MHz 29:06:2017 18:27:18
CF 836.6 MHz           2 Marker Tab           Type         Re           MI         Ti           T2         D1           D1         Ti           T2         D1           MultiView         Ref Level 3t           Ref Level 3t         Att           T Occupicd B         30 dBm           20 dBm         0 dBm           10 dBm         -0 dBm           -20 dBm         -0 dBm           -50 dBm         -50 dBm           -50 dBm         -50 dBm           -20 dBm         -50 dBm	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 H 4.686 M 4.686 M 4.686 M 4.84 µs (~6.9	Hz Hz Hz Hz Hz Hz Hz hz hz hz hz hz	V-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB Chann 00 kHz Mode 00 kHz Mode 	Occ Bw	Function	Measuring	Function Rd	6 MHz 29:06:2017 18:27:18
CF 836.6 MHz           2 Marker Tab           Type         Re           Mil         Ti           T2         D1           D1         Mil           T2         D1           MultiView         Ref Level 34           Ref Level 34         Att           T Occupied B         30 dBm           20 dBm         10 dBm           -0 dBm         -0 dBm           -50 dBm         -50 dBm           -50 dBm         -50 dBm           -70 dBm         -70 dBm           -10 dBm         -10 dBm	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 H 4.686 M 4.686 M 4.686 M 4.84 ps (~6.5 41.84 ps (~6.5 41.84 ps (~6.5 41.84 ps (~6.5 844.261 M 844.53207 H 844.53207 H 844.53207 H	Hz H	V-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB Chann 00 kHz Mode 	Occ Bw	Function	Measuring	Function Rd	6 MHz 29:06:2017 18:27:18
CF 836.6 MHz           2 Marker Tab           Type   Re           MI           T1           T2           D1           MultiView           Ref Level 30           • Att           I Occupied B           30 dBm           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -50 dBm           -50 dBm           -50 dBm           -50 dBm           -10 dBm           -10 dBm	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 H 4.686 M 4.686 M 1 8.0 41.84 µs (~6.5	Hz H	V-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB Chann 00 kHz 00 kHz	Occ Bw	Function	Measuring	Function Rd	6 MHz 29:06:2017 18:27:18
CF 836.6 MHz           2 Marker Tab           Type           Name           Image: State	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 H 4.686 M 4.686 M 4.686 M 4.84 µs (~6.5 41.84 µs (~6.5 41.84 µs (~6.5 41.84 µs (~6.5) 844.45307 H 844.5307 H 844.5307 H	Hz H	V-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB Chann 00 kHz Mode 	Occ Bw	Function	Measuring	Function Rd	6 MHz 29:06:2017 18:27:18
CF 836.6 MHz           2 Marker Tab           Type I           Type I           D1           T2           D1           T2           D1           MultiView           Ref Level 34           Att           TOCCUPICE B           30 dBm           20 dBm           10 dBm           0 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           -20 dBm           -50 dBm           -50 dBm           -50 dBm           -50 dBm           -50 dBm           -50 dBm	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 H 4.686 M 4.686 M 4.686 M 4.84 µs (~6.5 41.84 µs (~6.5 41.84 µs (~6.5 41.84 µs (~6.5) 844.45307 H 844.5307 H 844.5307 H	Hz H	V-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB Chann 00 kHz Mode 00 kHz Mode 	Occ Bw	Function	Measuring	Function Rd	6 MHz 29.06.2017 18:27:18
CF 836.6 MHz           2 Marker Tab           Type           Type           1           1           1           1           1           1           12           D1           MultiView           Ref Level 30           Att           1 Occupied B           30 dBm           20 dBm           10 dBm           -20 dBm           -30 dBm           -30 dBm           -50 dBm           -50 dBm           -50 dBm           -20 dBm           -20 dBm           -10 dBm           -20 dBm           -20 dBm           -30 dBm           -50 dBm	ele f Trc   1 1 1 1 1 1 1 1 1 1 1 1 1	834.51209 H 838.65794 H 4.686 M 4.686 M 4.686 M 4.84 µs (~6.5 41.84 µs (~6.5 41.84 µs (~6.5 41.84 µs (~6.5) 844.45307 H 844.5307 H 844.5307 H	Hz H	V-Value -9.84 dBm 8.31 dBm 7.61 dBm 0.04 dB Chann 00 kHz Mode 00 kHz Mode 	Occ Bw	Function	Measuring	Function Rd	6 MHz 29.06.2017 18:27:18

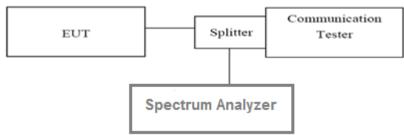
# 5.3. Conducted Spurious Emissions

### LIMIT

Part 24.238 and Part 22.917 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.

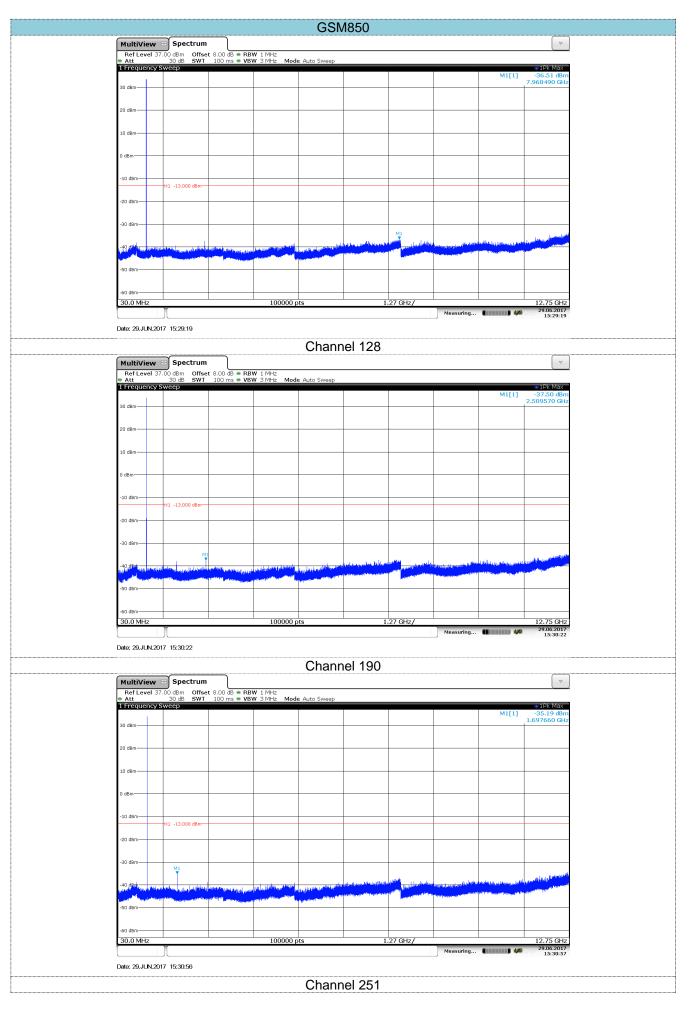
#### TEST MODE:

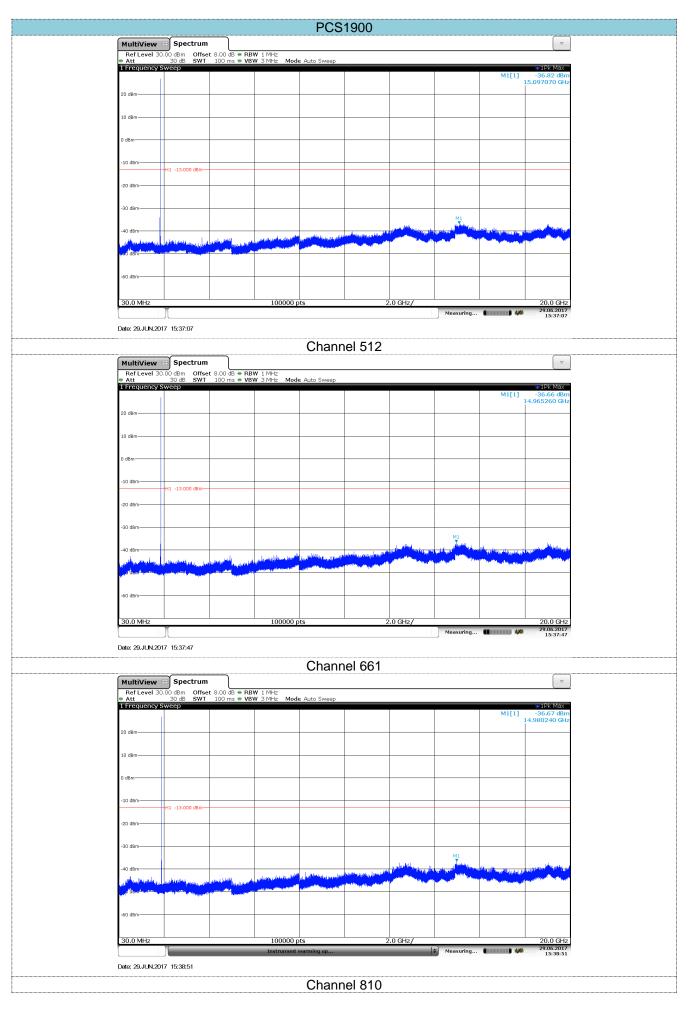
Please refer to the clause 3.3

### TEST RESULTS

### ☑ Passed □ Not Applicable

Note:Worst case at GSM850/PCS1900,WCDMA B2/B5





				١	NCDMA	Band I	I			
[	MultiView									▼
	Ref Level 23 Att I Frequency S	00 dBm Offse 15 dB SWT	t 8.00 dB = RE 100 ms = VB	WIMHz WI3MHz Mode	e Auto Sweep					●1Pk Max
	20 dBm								M1[1]	-48.93 dBm 3.702980 GHz
	10 dBm									
	10 UBIN									
	0 dBm									
	-10 dBm									
	-20 dBm	H1 -13.000 dBm								
	-20 dBm-									
	-30 dBm									
	-40 dBm									
	50 d0m	M1								
	-50 dBm		يورين المسيليا	and the state of the	In a label of the state of th	netchen og elemet præder ^{telle}	all the second	a shine of the second	un and a dama	and data the state of
	and the second second second	and the second second	and the second	a particulary differentiation of	and the second	and the part of the part of the second s	1 Traylin		a an	
	-70 dBm									
	30.0 MHz			100000 p	ts	2	.0 GHz/			20.0 GHz
[		][						Measuring	(	29.06.2017 18:49:31
	Date: 29.JUN.201	17 18:49:31								
					Channe	el 9262				
ĺ	Ref Level 23	Spectrum	: 8,00 dB = RE	W 1 MHz						▽
	<ul> <li>Att</li> <li>1 Frequency S</li> </ul>	.00 dBm Offse 15 dB SWT Weep	100 ms 🖷 VB	₩ 3 MHz Mod	e Auto Sweep					●1Pk Max
	20 dBm								M1[1]	-46.48 dBm 3.757100 GHz
	10 dBm									
	0 dBm									
	-10 dBm	H1 -13.000 dBm								
	-20 dBm									
	-30 dBm									
	-40 dBm	M1								
	-50 dBm		1		يى المقدر	ال <mark>ال</mark> ى دارى رىماردە (1914مىيە	and the set	رور الا ^{رور الم} رور المرور المرور	alaka datata anta d	e a calificia de ^{de la l} icada e a calificación de la calificación de la calificación de la calificación de la c
	uoli dism	and the second s	A CONTRACTOR AND A CONTRACTOR	and the second second second second		and the second	and the second		Constitution of the second	
	70 40									
	-70 dBm									
	30.0 MHz	X		100000 p	ots	2	.0 GHz/	Measuring	(	20.0 GHz 29.06.2017 18:48:11
t	Date: 29.JUN.201	17 18:48:11								
					Channe	el 9400				
Ì	MultiView									
	Ref Level 23 Att Frequency S	00 dBm Offse 15 dB SWT	100 ms • VE	W IMHZ W 3 MHz Mod	e Auto Sweep					●1Pk Max
	20 dBm								M1[1]	-45.38 dBm 3.817410 GHz
	10 dBm									
	0.48m									
	0 dBm									
	-10 dBm	H1 -13.000 dBm								
	-20 dBm									
	-30 dBm									
	30 upli									
	-40 dBm	M1								
	-50 dBm						Without and the state of the st	an a Re ^{paire} Niera		يون الفقيط ^{والع} لم والمراجع
	and the state of t	all hand before and			المعلمي في المعامل الله الم ¹ مان المعلمي في المعامل المعامل في الم المعامل المعامل المعامل المعامل المعامل المعامل المعامل في المعامل المعامل المعامل المعامل المعامل المعامل المع					
	voû dam <del>aterina d</del>									
	-70 dBm									
ļ	30.0 MHz	I W		100000 p	l ots	2	.0 GHz/			20.0 GHz 29.06.2017
l	Date: 29.JUN.201	儿 18:46:12						Measuring	40	18:46:11
		10.40.12			Chase	0520				
					Channe	51 9030				

WILLINGEN       Spectrum       VILLINGEN         VILLINGEN       Spectrum       VILLINGEN
Interview       Spectrum       Interview
10 mm       10 mm <td< td=""></td<>
Image: state in the state
10 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 0000       11 00000       11 0000       11 00000       11 00000       11 00000       11 00000       11 00000       11 00000       11 00000       11 00000       11 00000       11 00000       11 00000       11 00000       11 00000       11 00000       11 00000       11 000000       11 000000
Solution       11 Solution       11 Solution       11 Solution       11 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       Solution       Solution       12 Soluti
Solution       11 Solution       11 Solution       11 Solution       11 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       Solution       12 Solution       12 Solution       12 Solution       12 Solution         Solution       Solution       Solution       12 Soluti
30 dm       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2       1/2 <td< td=""></td<>
Image: state in the state
State       State <td< td=""></td<>
So generation of the product of the second of the secon
Interface
be: 2JULOUT 18523 De: 2JULOUT 18533 De: 2JULOUT 1
Det: 23.UN 2017 1852:38 Channel 4132 Channel 4132 Chann
Det: 23.UN.2017 1852:35 Multiview       Spectrum
Multiview         Spectrum           Ref Level 23.00 g/m         Offset 8:00 g/m         Node Auto Sweep           If Frequency Sweep
Multiview         Spectrum         v           Ref Level 23.00 dBm         Offset 8:00 dBm         Mide Auto Sweep           15:dB         Mide Auto Sweep           20:dBm         Mil(1)         -66:23 dBm           10:dBm         Mil(1)         -67:0690 GHz           10:dBm         Mil(1)         -67:0690 GHz           10:dBm         Mil(1)         -67:0690 GHz           10:dBm         Mil(1)         -67:0690 GHz           -0:dBm         Mil(1)         -67:0690 GHz
1         Frequency Sweep         Image: Comparison of the Kase dem in the Kase demonstration of the Kase dem in the Kase demonstration of the
20 d6m
0 dBm
10 dsm       H1 - 13.000 dsm       Image: Control of the contr
20 dBm       41 - 13.000 dBm         30 dBm       30 dBm         40 dBm       40 dBm         50 dBm       40 dBm         40 dBm       41 - 13.000 dBm         50 dBm       40 dBm         50 dBm       41 - 13.000 d
20 dBm       41 - 13.000 dBm         30 dBm       30 dBm         40 dBm       40 dBm         50 dBm       40 dBm         40 dBm       41 - 13.000 dBm         50 dBm       40 dBm         50 dBm       41 - 13.000 d
30 d8m       40 d8m       41 d8m
40 den       Militian       M
50 dBm       Mi
50 dem
Image: Spectrum       v         Ref Level 23.00 dBm       Spectrum         Ref Level 23.00 dBm       v         Base of the state
30.0 MHz         100000 pts         1.27 GHz/         12.75 GHz           30.0 MHz         100000 pts         1.27 GHz/         12.75 GHz           Date: 29.JUN.2017 18:51:20
30.0 MHz         100000 pts         1.27 GHz/         12.75 GHz           Measuring         29.06.2017           Date: 29.JUN.2017 18:51:20           Channel 4183           Ref Level 23.00 dBm Offset 8.00 dB & RBW 1 MHz           Ref Level 23.00 dBm Offset 8.00 dB & RBW 1 MHz           VEW 3 MHz           VEW 3 MHz
Measuring         Measuring         22006.2017 18:51:21           Date: 29.JUN.2017 18:51:20           Channel 4183           Ref Level 3.00 dBm Offset 8.00 dB • RBW 1 MHz • Att 1:58 SWT 10 ms • VBW 3 MHz Mode Auto Sweep
Date: 29.JUN 2017 18:51:20         Channel 4183           MultiView         Spectrum         v           Ref Level 32.00 dBm         Offset 8.00 dB         RBW 1 MHz           Att         15.68         SWT 10 ms         VBW 3 MHz
MultiView         Spectrum         v           Ref Level 23.00 dBm         Offset 8.00 dB         RBW 1 MHz           Att         15 dB         SWT           100 ms         VBW         3 MHz
MultiView         Spectrum         v           Ref Level 23.00 dBm         Offset 8.00 dB         RBW 1 MHz           Att         15 dB         SWT           100 ms         VBW         3 MHz
Att 15 dB SWT 100 ms • VBW 3 MHz Mode Auto Sweep      Fromency Sweep      IPK Max
20 dBm M1[1] -46.66 dBm 1.694600 GHz
10 dem
0 dBm
-10 dBm
H1 -13.000 dem
-20 dBm-
-30 dBm
-40 dBm
-50 dBm ( , , , , , , , , , , , , , , , , , ,
-70 dBm
30.0 MHz 100000 pts 1.27 GHz/ 12.75 GHz Measuring 1111 March 2006.2017 1115:00-43
Date: 29.JUN 2017 18:50:43
Channel 4233

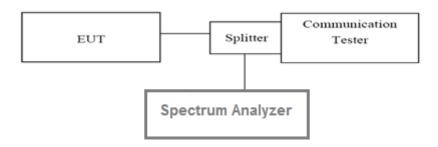
# 5.4. Band Edge

### LIMIT

Part 24.238 and Part 22.917 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. For the bandedge: 2G:Set the RBW=3KHz, VBW = 10KHz, Sweep time= Auto

3G: Set the RBW=100KHz, VBW = 300KHz, Sweep time= Auto

#### TEST MODE:

Please refer to the clause 3.3

#### **TEST RESULTS**

☑ Passed □ Not Applicable

Report No.: TRE1706017801

Page: 28 of 59

		GSN	Л850		
Channel	Frequency	Measureme	nt Results	Limit	Verdict
Number	(MHz)	Frequency(MHz)	Values(dBm)	(dBm)	verdict
128	824.2	824	-13.61	-13.00	Pass
251	848.8	849	-13.42	-13.00	Pass

		GPR	S850		
Channel	Frequency	Measureme	nt Results	Limit	Verdict
Number	(MHz)	Frequency(MHz)	Values(dBm)	(dBm)	verdict
128	824.2	824	-15.38	-13.00	Pass
251	848.8	849	-15.11	-13.00	Pass

		EGPF	RS850		
Channel	Frequency	Measureme	nt Results	Limit	Verdict
Number	(MHz)	Frequency(MHz)	Values(dBm)	(dBm)	Verdict
128	824.2	824	-17.95	-13.00	Pass
251	848.8	849	-16.25	-13.00	Pass

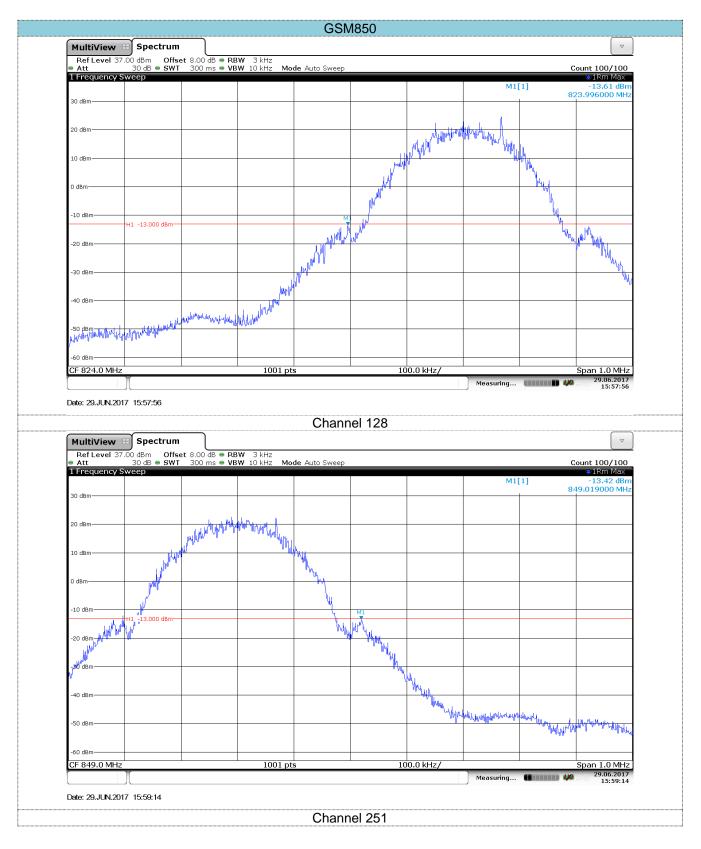
		PCS	1900		
Channel	Frequency	Measureme	nt Results	Limit	Verdict
Number	(MHz)	Frequency(MHz)	Values(dBm)	(dBm)	verdict
512	1850.2	1850	-15.47	-13.00	Pass
810	1909.8	1910	-16.91	-13.00	Pass

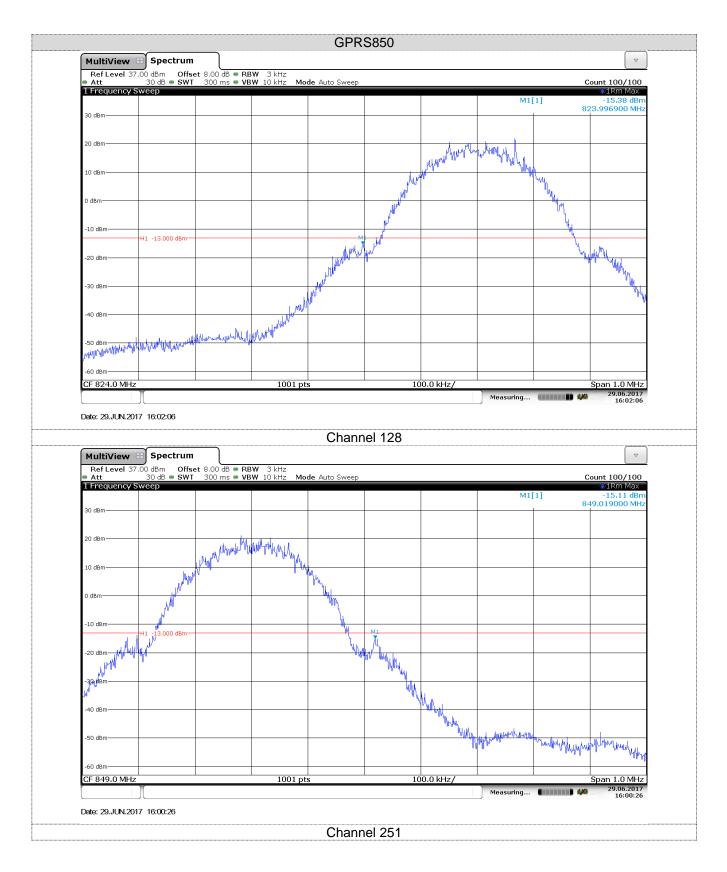
		GPR	S1900		
Channel	Frequency	Measureme	nt Results	Limit	Verdict
Number	(MHz)	Frequency(MHz)	Values(dBm)	(dBm)	Verdici
512	1850.2	1850	-16.54	-13.00	Pass
810	1909.8	1910	-16.47	-13.00	Pass

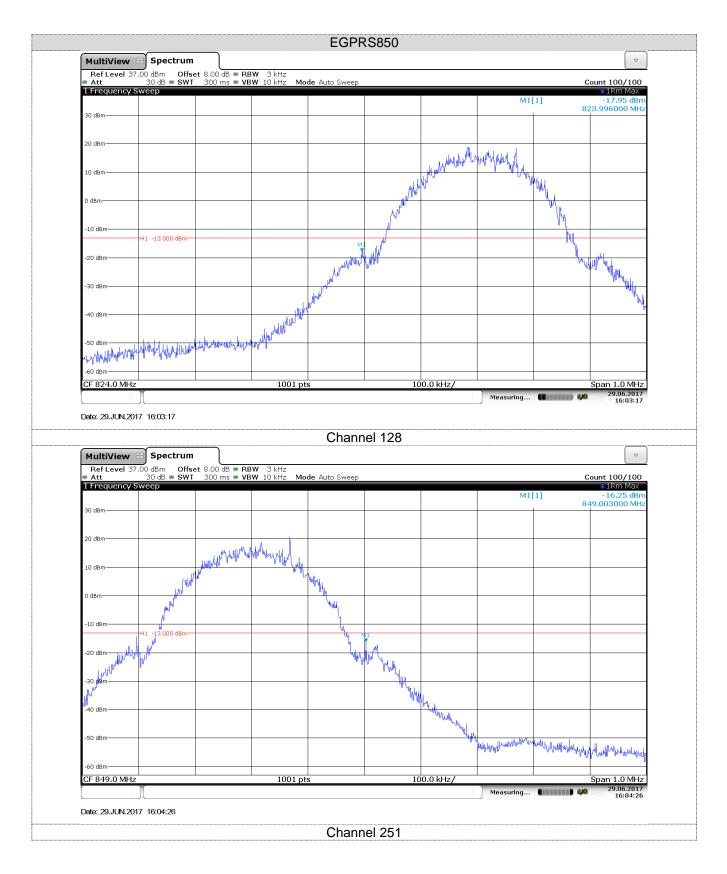
		EGPR	S1900		
Channel	Frequency	Measureme	nt Results	Limit	Verdict
Number	(MHz)	Frequency(MHz)	Values(dBm)	(dBm)	Verdict
512	1850.2	1850	-19.91	-13.00	Pass
810	1909.8	1910	-19.28	-13.00	Pass

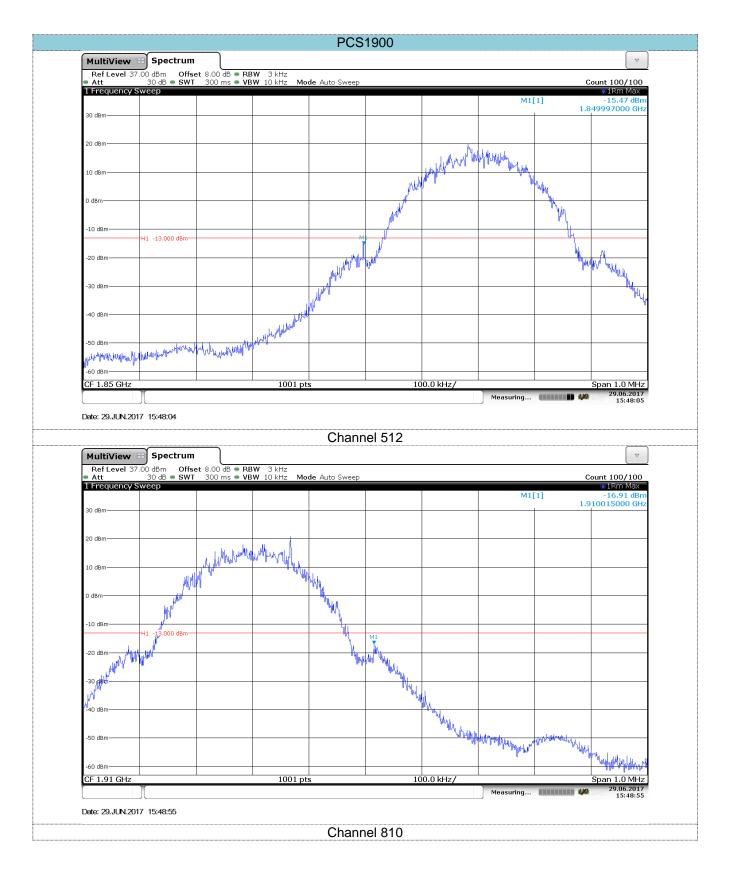
		WCDM	A Band II		
Channel	Frequency	Measureme	nt Results	Limit	Verdict
Number	(MHz)	Frequency(MHz)	Values(dBm)	(dBm)	verdict
9262	1852.4	1850	-24.15	-13.00	Pass
9538	1907.6	1910	-25.53	-13.00	Pass

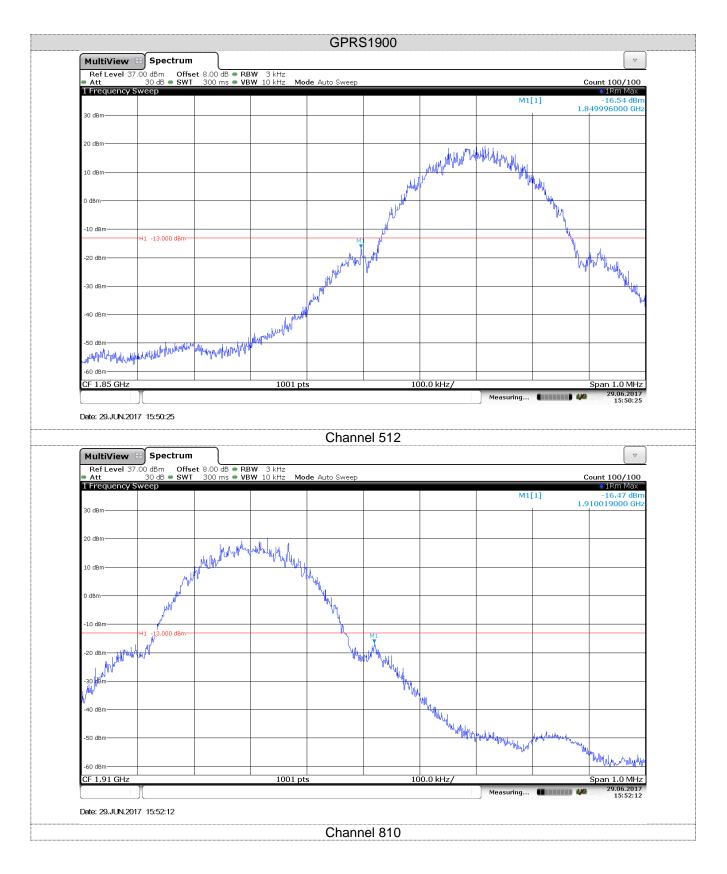
		WCDMA	A Band V		
Channel	Frequency	Measureme	nt Results	Limit	Verdict
Number	(MHz)	Frequency(MHz)	Values(dBm)	(dBm)	verdict
4132	826.4	824	-25.77	-13.00	Pass
4233	846.6	849	-26.16	-13.00	Pass

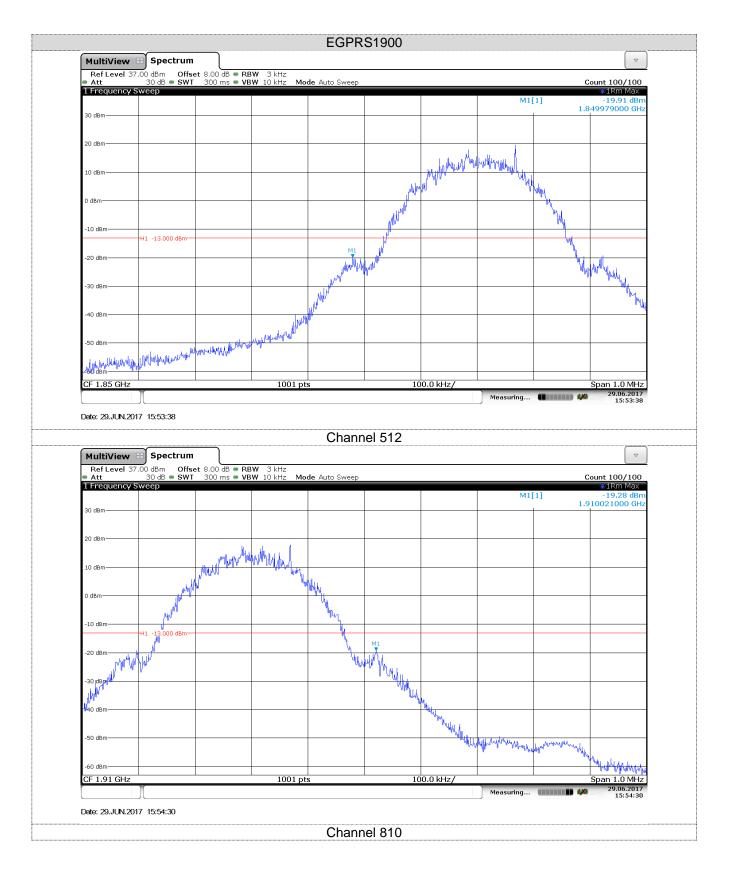












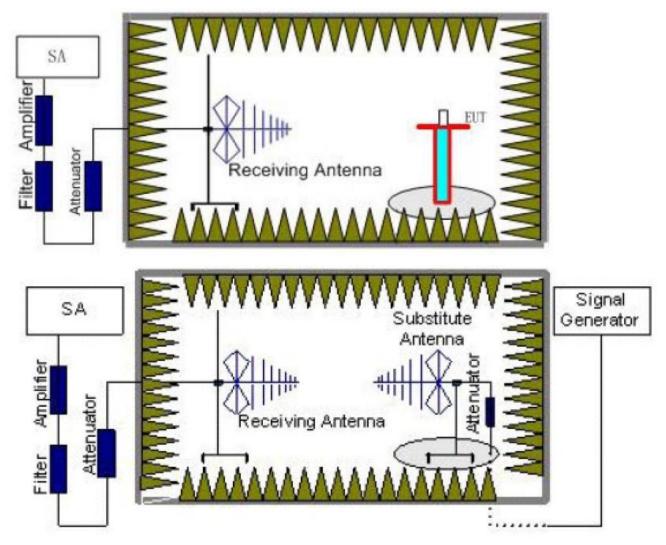
·	~			VVCDIVIA	A Band II				
MultiView									
Att			W 100 kHz W 300 kHz Mo	ode Auto Sweep					Count 100/100
1 Frequency S 20 dBm	weep						M	11[1]	●1Rm Max -24,15 dBr
20 0011								1	1.84990000 GH
10 dBm									
					and the second s	-ulu maren	mound	mannen	man
0 dBm									+
-10 dBm	H1 -13.000 dBm				1				
-20 dBm									
20 0011				M1 人					
-30 dBm									V
		and the second second	man and a start of the start of	and the second					
-40 dBm									
-50 dBm	mut								
-60 dBm									
-70 dBm									
CF 1.85 GHz			1001 pts			L.0 MHz/			Span 10.0 MH:
GF 1.65 GHZ	Y		1001 pts	5 			Measuring		
				Channe	el 9262				▽
MultiView Ref Level 23	Spectrum	t 8.00 dB • RB	₩ 100 kHz						
MultiView	.00 dBm Offse 15 dB • SWT	t 8.00 dB ● RB 300 ms ● VB	₩ 100 kHz ₩ 300 kHz M(						Count 100/100
Ref Level 23 Att	.00 dBm Offse 15 dB • SWT	t 8.00 dB ● RB 300 ms ● VB	₩ 100 kHz ₩ 300 kHz Md				M	11[1]	Count 100/100
MultiView Ref Level 23 • Att 1 Frequency S 20 dBm	.00 dBm Offse 15 dB • SWT	t 8.00 dB • RB 300 ms • VB	W 100 kHz W 300 kHz Mo				M	11[1]	Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 Att 1 Frequency S	.00 dBm Offse 15 dB • SWT	tt 8.00 dB ● RB 300 ms ● VB	W 100 kHz W 300 kHz Mc				M	11[1]	Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 • Att 1 Frequency S 20 dBm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB • RB 300 ms • VB	W 100 kHz Mo 300 kHz Mo				M	11[1]	Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 Att 1 Frequency S 20 dBm- 10 dBm-	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB ● RB 300 ms ● VB	W 100 kHz W 300 kHz Mo				M		Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 Att 1 Frequency S 20 dBm- 10 dBm-	Spectrum .00 dBm Offse 15 dB • SWT weep	t 8.00 dB ● RB 300 ms ● VB	W 100 kHz Mo W 300 kHz Mo				M		Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 Att 1 Frequency S 20 dBm 10 dBm 0 dBm -10 dfm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB • RB 300 ms • VB	W 100 kHz Mo 300 kHz Mo				м 		Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 Att 1 Frequency S 20 dBm 10 dBm 0 dBm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB • RB 300 ms • VB	W 100 kHz Mo 300 kHz Mo				M		Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 Att 1 Frequency S 20 dBm 10 dBm 0 dBm -10 dfm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB • RB 300 ms • VB	W 100 kHz W 300 kHz Mo				M		Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 • Att 1 Frequency S 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB = RB 300 ms = VB	W 100 kHz W 300 kHz Mo						Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 • Att 1 Frequency S 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB • RB 300 ms • VB	W 100 kHz Mo 300 kHz Mo				M		Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 Att 1 Frequency S 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB • RB 300 ms • VB	W 100 kHz Mc						Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 Att 1 Frequency S 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB • RB 300 ms • VB	W 100 kHz W 300 kHz Mo						Count 100/100 1Rm Max -25.53 dBr
MultiView           Ref Level 23           Att           1 Frequency S           20 dBm           10 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB • RB 300 ms • VB	W 100 kHz Mo						Count 100/100 1Rm Max -25.53 dBr
MultiView Ref Level 23 Att 1 Frequency S 20 dBm 10 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB • RB 300 ms • VB	W 100 kHz Mo						Count 100/100 1Rm Max -25.53 dBr
MultiView           Ref Level 23           Att           1 Frequency S           20 dBm           10 dBm           -10 dBm           -30 dBm           -30 dBm           -50 dBm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB = RB 300 ms = VB	W 100 kHz W 300 kHz Mo						Count 100/100 1Rm Max -25.53 dBr
MultiView           Ref Level 23           Att           1 Frequency S           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB • RB 300 ms • VB	W 300 kHz Mo	ode Auto Sweep					Count 100/100  1Rm Max -25.53 dBr 1.91008000 GH
MultiView           Ref Level 23           Att           1 Frequency S           20 dBm           10 dBm           0 dBm           -10 dBm           -20 dBm           -30 dBm           -30 dBm           -40 dBm           -50 dBm           -60 dBm           -70 dBm	Spectrum .00 dBm Offse 15 dB • SWT weep	tt 8.00 dB • RB 300 ms • VB	W 100 kHz W 300 kHz Mo	ode Auto Sweep		.0 MHz/			Count 100/100 • 10m/100 • 10m Max -25.53 dBr 1.91008000 GH
MultiView           Ref Level 23           Att           1 Frequency S           20 dBm           10 dBm           -0 dBm           -30 dBm           -30 dBm           -50 dBm           -60 dBm	Spectrum 15 dB • SWT weep H1 -13.000 dBm	tt 8.00 dB • RB 300 ms • VB	W 300 kHz Mo	ode Auto Sweep		.0 MHz/			Count 100/100  IRm Max -25.53 dBr 1.91008000 GH

MultiView 88	,								
Ref Level 23.0 Att	15 dB 🖷 SWT	t 8.00 dB • RB 300 ms • VB	W 100 kHz W 300 kHz Mo	de Auto Sweep					Count 100/100
1 Frequency Sw	еер						M	1[1]	1Rm Max -25.77 dBn
20 dBm								1	824.00000 MH
10 40									
10 dBm					-	hours alman	harman		wellow
0 dBm					and the second second				
U dBm									
-10 dBm									
	1 -13.000 dBm								
-20 dBm									
				M	ļ.				
-30 dBm				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
-40 dBm			- here and and a start of the	uhannamu/					
		and a strange to the state of the strange of the st							
-50 dBm	and a starter								
have and the work of the	www.brd								
-60 dBm									
-70 dBm									
			10						0
CF 824.0 MHz	· · · · · · · · · · · · · · · · · · ·		1001 pts	i	1	.0 MHz/			Span 10.0 MHz 29.06.2017
MultiView 😁	Spectrum			Channe	el 4132				18:57:24
MultiView 88	Spectrum	t 8.00 dB • RB 300 ms • VB	₩ 100 kHz ₩ 300 kHz Ma		el 4132				□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□
MultiView 88 Ref Level 23.0 Att 1 Frequency Sw	Spectrum 0 dBm Offse 15 dB • SWT	t 8.00 dB • RB 300 ms • VB	<b>W</b> 100 kHz <b>W</b> 300 kHz <b>M</b> d		əl 4132	1			Count 100/100 • 1Rm Max
MultiView Ref Level 23.0 Att	Spectrum 0 dBm Offse 15 dB • SWT	t 8.00 dB • RB 300 ms • VB	₩ 100 kHz ₩ 300 kHz Mo		el 4132			1[1]	Count 100/100
Ref Level 23.0 Att 1 Frequency Sw 20 dBm	Spectrum 0 dBm Offse 15 dB • SWT	t 8.00 dB ● RB 300 ms ● VB	W 100 kHz W 300 kHz Md		el 4132				Count 100/100 ● 1Rm Max -26.16 dBn
MultiView 88 Ref Level 23.0 Att 1 Frequency Sw	Spectrum 0 dBm Offse 15 dB • SWT	t 8.00 dB ● RB 300 ms ● VB	W 100 kHz W 300 kHz Mc		el 4132				Count 100/100 ● 1Rm Max -26.16 dBn
MultiView B Ref Level 23.0 • Att 1 Frequency Sw 20 dBm 10 dBm	Spectrum 0 dBm Offse 15 dB • SWT	t 8.00 dB ● RB 300 ms ● VB	W 100 kHz W 300 kHz Ma		əl 4132				Count 100/100 ● 1Rm Max -26.16 dBr
MultiView B Ref Level 23.0 Att T Frequency Sw 20 dBm	Spectrum 0 dBm Offse 15 dB • SWT	t 3.00 dB ● RB 300 ms ● VB	W 100 kHz W 300 kHz Mo		9 4132				Count 100/100 ● 1Rm Max -26.16 dBn
MultiView B Ref Level 23.0 • Att 1 Frequency Sw 20 dBm 10 dBm	Spectrum 0 dBm Offse 15 dB • SWT	t 8.00 dB • RB 300 ms • VB	W 100 kHz W 300 kHz Mo		9 4132				Count 100/100 ● 1Rm Max -26.16 dBr
MultiView B Ref Level 23.0 • Att 1 Frequency Sw 20 dBm 10 dBm 0 dBm	Spectrum 0 dBm Offse 15 dB • SWT	t 8.00 dB • RB 300 ms • VB	₩ 100 kHz ₩ 300 kHz Mo		9 4132				Count 100/100 ● 1Rm Max -26.16 dBr
MultiView B Ref Level 23.0 • Att 1 Frequency Sw 20 dBm 10 dBm 0 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB • RB 300 ms • VB	W 100 kHz W 300 kHz Ma		9 4132				Count 100/100 ● 1Rm Max -26.16 dBn
MultiView 33 Ref Level 23.0 Att 1 1 Frequency Sw 20 dBm 10 dBm -10 dBm -10 dBm +10 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB • RB 300 ms • VB	W 100 kHz W 300 kHz Md		əl 4132				Count 100/100 ● 1Rm Max -26.16 dBr
MultiView B Ref Level 23.0 Att 1 Frequency Sw 20 dBm 10 dBm 0 dBm -10 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB • RB 300 ms • VB	W 100 kHz M W 300 kHz M		el 4132				Count 100/100 ● 1Rm Max -26.16 dBr
MultiView 33 Ref Level 23.0 Att 1 1 Frequency Sw 20 dBm 10 dBm -10 dBm -10 dBm +10 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB • RB 300 ms • VB	₩ 100 kHz ₩ 300 kHz Mc						Count 100/100 ● 1Rm Max -26.16 dBr
MultiView 33 Ref Level 23.0 Att 1 1 Frequency Sw 20 dBm 10 dBm -10 dBm -10 dBm +10 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB <b>•</b> RB 300 ms <b>•</b> VB	₩ 100 kHz ₩ 300 kHz Mc		el 4132		M		Count 100/100 ● 1Rm Max -26.16 dBr
MultiView B Ref Level 23.0 Att 1 Frequency Sw 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB ● RB 300 ms ● VB	₩ 100 kHz ₩ 300 kHz Mc		el 4132				Count 100/100 ● 1Rm Max -26.16 dBn
MultiView B Ref Level 23.0 Att 1 Frequency Sw 20 dBm 10 dBm -10 dBm -10 dBm -20 dBm -30 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB ● RB 300 ms ● VB	W 100 kHz W 300 kHz Mc		el 4132		M		Count 100/100 ● 1 Rm Max -26.16 dBn 849.00000 MH
MultiView B Ref Level 23.0 Att 1 Frequency Sw 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB • RB 300 ms • VB	W 100 kHz Me		el 4132		M		Count 100/100 ● 1Rm Max -26.16 dBn
MultiView B Ref Level 23.0 Att 1 Frequency Sw 20 dBm 10 dBm 0 dBm -10 dBm -20 dBm -30 dBm -40 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB • RB 300 ms • VB	W 100 kHz Mo				M		Count 100/100 ● 1 Rm Max -26.16 dBn 849.00000 MH
MultiView         Bef Level 23.0           Att         1           11 Frequency Sw         20 dBm           10 dBm         0           -10 dBm         10           -20 dBm         10           -30 dBm         -40 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB • RB 300 ms • VB	W 100 kHz Mo				M		Count 100/100 ● 1 Rm Max -26.16 dBn 849.00000 MH
MultiView         Bef Level 23.0           Att         1           11 Frequency Sw         20 dBm           10 dBm         0           -10 dBm         10           -20 dBm         10           -30 dBm         -40 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB • RB 300 ms • VB	W 100 kHz Ma		el 4132		M		Count 100/100 ● 1 Rm Max -26.16 dBn 849.00000 MH
MultiView         B           Ref Level 23.0         Att           1 Frequency Sw         20 dBm           10 dBm         0           10 dBm         0           -10 dBm         0           -20 dBm         0           -30 dBm         0           -40 dBm         0           -50 dBm         0           -60 dBm         0	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB • RB 300 ms • VB	W 300 kHz Mo	ode Auto Sweep			M		Count 100/100    Count 100/100    Count 100/100    Count 100/100   Count 100/100    Count 100/100    Count 100/100      Count 100/100       Count 100/100
MultiView         Bef Level 23.0           Att         IFrequency Sw           20 dBm         0           10 dBm         0           -10 dBm         0           -30 dBm         0           -40 dBm         -50 dBm	Spectrum 0 dBm Offse 15 dB • SWT eep	t 8.00 dB • RB 300 ms • VB	W 100 kHz Ma W 300 kHz Ma	ode Auto Sweep		.0 MHz/			Count 100/100 • 1Rm Max -26.16 dBr 849.00000 MH

## 5.5. ERP and EIRP

LIMIT

GSM850/WCDMA Band V: 7W ERP PCS1900/WCDMA Band II: 2W EIRP TEST CONFIGURATION



#### TEST PROCEDURE

- 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 is 1.0m. 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 (Pcl) ,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

Mode	Channel	Antenna Pol.	ERP	Limit (dBm)	Result
	128	V	30.45		
	120	Н	26.75		
GSM850	190	V	30.22	38 15	Pass
6310030	190	Н	26.37	30.45	F 855
	251	V	30.43		
	201	Н	26.45		
	128	V	30.44	38.45	
	120	Н	26.45		Pass
GPRS850	190	V	30.52		
01100000		Н	26.47		
	251	V	30.35		
	201	Н	26.44		
	128	V	25.47		
	120	Н	22.52		
EGPRS850	190	V	25.85	38.45	Pass
2011(0000	100	Н	22.35	30.45	1 435
	251	V	25.65		
	201	Н	22.47	38.45 38.45 38.45	

Report No.: TRE1706017801

Page: 39 of 59

Issued: 2017-07-06

Mode	Channel	Antenna Pol.	EIRP	Limit (dBm)	Result
	512	V	28.45		
	512	Н	25.85		
PCS1900	661	V	28.65	33.00	Pass
F C S 1900	001	Н	25.37	33.00	F 855
	810	V	28.65		
	010	Н	25.47		
	512	V	28.66		Pass
	012	Н	25.47	33.00	
GPRS1900	661	V	28.52		
011(01900		Н	25.35		
	810	V	28.35		
	010	Н	25.65		
	512	V	24.85		
	512	Н	20.35		
EGPRS1900	661	V	24.65	33.00	Pass
201101900	001	н	20.65	55.00	1 435
	810	V	24.66		
	010	Н	20.37		

Mode	Channel	Antenna Pol.	EIRP	Limit (dBm)	Result
	9262	V	17.85		
	9262	Н	15.88		Pass
WCDMA Band II	9400 - 9538 -	V	17.64	- 33.00	
		Н	15.25		
		V	17.63		
		Н	15.44		

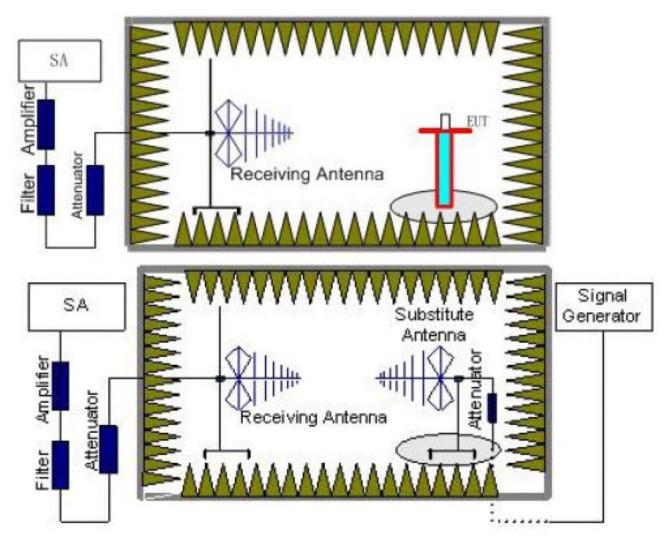
Mode	Channel	Antenna Pol.	ERP	Limit (dBm)	Result
	4132	V	17.65		Pass
	4132	Н	13.66		
WCDMA Band V	4183	V	17.58	38.45	
		Н	13.67		
		V	17.54		
		Н	13.66		

## 5.6. Radiated Spurious Emission

#### LIMIT

-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 is 1.0m. 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 (Pcl) ,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

Note: Worst case at GSM850/PCS1900

Report No.: TRE1706017801 Page: 42 of 59

Issued: 2017-07-06

		GS	M850		
Ohennel	Frequency	Spurious	Emission		Desult
Channel	(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
	156.09	Vertical	-63.88		
	200.36	V	-59.62		
	1648.51	V	-24.96	40.00	Dava
	2472.57	V	-38.59	-13.00	Pass
	4119.70	V	-44.42		
400	8556.66	V	-46.52		
128	130.01	Horizontal	-63.44		
	259.91	Н	-62.09		
	1648.51	Н	-26.62	10.00	_
	2472.57	Н	-22.81	-13.00	Pass
	3295.11	Н	-52.56		
	8494.84	Н	-46.07		
	72.77	Vertical	-74.74		
	233.89	V	-66.55		
	1672.22	V	-26.61	-13.00	_
	2510.89	V	-38.05		Pass
	3343.25	V	-54.97		
	4179.88	V	-50.17		
190	156.09	Horizontal	-66.51		Pass
	378.65	Н	-65.64		
	1674.06	Н	-26.41		
	2510.89	Н	-41.20	-13.00	
	3343.25	Н	-41.36		
	4179.88	Н	-38.04		
	1648.51V $-24.96$ 2472.57V $-38.59$ 4119.70V $-44.42$ 8556.66V $-46.52$ 130.01Horizontal $-63.44$ 259.91H $-62.09$ 1648.51H $-26.62$ 2472.57H $-22.81$ 3295.11H $-52.56$ 8494.84H $-46.07$ 72.77Vertical $-74.74$ 233.89V $-66.55$ 1672.22V $-26.61$ 2510.89V $-38.05$ 3343.25V $-50.17$ 156.09Horizontal $-66.51$ 378.65H $-65.64$ 1674.06H $-26.41$ 2510.89H $-41.20$ 3343.25H $-41.36$ 1674.06H $-26.41$ 2510.89H $-41.20$ 343.25H $-41.36$ 1674.06H $-26.41$ 2510.89H $-41.20$ 343.25H $-41.36$ 1674.06H $-26.41$ 2510.89H $-41.20$ 343.25H $-41.36$ 1698.14V $-36.81$ 200.36V $-59.37$ 1698.14V $-52.25$ 130.01Horizontal $-72.23$ 259.91H $-65.12$ 1698.14H $-66.96$				
	156.09	Vertical	-63.92		
	200.36	V	-59.37		
	1698.14	V	-36.81		_
	2547.01	V	-50.13	-13.00	Pass
		V			
<b></b>		V	-52.25		
251	130.01	Horizontal	-72.23		
	259.91	Н	-65.12		
	-				_
				-13.00	Pass
	9609.30	Н	-45.20		

Remark:

1.

Report No.: TRE1706017801 Page: 43 of 59

2017-07-06 Issued:

		PCS	S1900		
Channel	Frequency	Spurious	Emission	Limit (dDm)	Decult
Channel	(MHz)	Polarization	Level (dBm)	Limit (aBm)	Result
62.56 181.57 1448.07 2060.37	62.56	Vertical	-55.17		
	181.57	V	-55.92	-	
	1448.07	V	-53.71	10.00	
	2060.37	V	-48.32	-13.00	Pass
	3700.48         V         -55.24           5717.54         V         -52.93           72.52         Horizontal         -56.01           525.12         H         -55.03           1425.97         H         -54.64           2684.92         H         -49.13				
540	5717.54	V	-52.93		
512	72.52	Horizontal	-56.01		
	525.12	Н	-55.03		
	1425.97	Н	-54.64	10.00	Dava
	2684.92	Н	-49.13	-13.00	Pass
	5554.08	Н	-49.04		
	10666.94	Н	-42.30		
	58.31	Vertical	-70.15		
	200.36	V	-60.15		
	1305.99	V	-54.98	10.00	Dese
	2538.63	V	-49.15	-13.00	Pass
	4119.70	V	-54.27		
004	7305.54	V	-49.03		
661	130.01	Horizontal	-63.94		Pass
	200.36	Н	-60.15		
	1198.74	Н	-51.77	10.00	
	2437.50	Н	-44.53	-13.00	
	4573.14	Н	-54.98		
	7531.45	Н	-47.91	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
	72.77	Vertical	-72.30		
	233.89	V	-63.83		
	1370.67	V	-54.25	10.00	D
	2269.51	V	-51.08	-13.00	Pass
	3820.45	V	-52.65		
040	9553.71	V	-42.63		
810	130.01	Horizontal	-73.29		
	259.91	Н	-66.42		
	1196.11	Н	-53.42	10.00	D
	2274.50	Н	-51.56	-13.00	Pass
	3820.45	Н	-54.61		
	9553.71	Н	-42.63		

Remark:

1.

Report No.: TRE1706017801

Page: 44 of 59

Issued: 2017-07-06

		WCDM	A Band II		
Channel	Frequency	Spurious	Emission	Limit (dDm)	Deput
Channel	(MHz)	Polarization	Level (dBm)	Limit (abm)	Result
	58.31	Vertical	-69.69	_	
	200.36	V	-61.10		
	1825.84	V	-46.89	10.00	Daaa
	1933.18	V	-40.08	-13.00	Pass
	9262           3700.48         V           7889.21         V           61.47         Horizontal           184.79         H           1933.18         H	-49.81			
0000	7889.21	V	-46.99		
9262	61.47	Horizontal	-79.84		
	184.79	н	-70.15		
	1933.18	н	-47.64	10.00	Dava
	2580.81	н	-45.81	-13.00	Pass
	3700.48	н	-51.81		
	7158.70	Н	-49.04		
	58.11	Vertical	-68.80		
	200.36	V	-61.82		
	1960.99	V	-37.41	-13.00	Dese
	2580.81	V	-44.71		Pass
	3759.98	V	-52.36		
0.400	8051.03	V	-47.69		
9400	81.73	Horizontal	-76.35		Pass
	184.14	н	-66.27		
	1198.74	н	-52.17	10.00	
	1958.84	н	-47.15	-13.00	
	3759.98	н	-49.66		
	7025.00	н	Spurious EmissionLimit (drizationLevel (dBm)ritical-69.69V-61.10V-46.89V-40.08V-49.81V-49.81V-46.99izontal-79.84H-70.15H-47.64H-47.64H-49.04ritical-68.80V-61.82V-37.41V-52.36V-44.71V-52.36V-47.69izontal-76.35H-66.27H-52.17H-49.03ritical-57.37V-52.11V-52.11V-54.22V-36.99V-55.00V-46.87izontal-52.11H-42.10H-42.10H-42.10H-53.48H-42.10H-48.87H-48.87H-48.87H-56.02		
	61.69	Vertical	-57.37		
	199.66	V	-52.11		
	1297.41	V	-54.22	12.00	Deee
	1987.01	V	-36.99	-13.00	Pass
	4113.73	V	-55.00		
0500	8396.85	V	-46.87		
9538	199.66	Horizontal	-52.11		
	410.54	н	-53.48		
	1989.20	н	-42.10	40.00	Deer
	2744.57	н	-48.87	-13.00	Pass
	4321.66	н	-56.02		
	8062.71	н	-47.96		

Remark:

1.

		WCDM	A Band V		
Channel	Frequency	Spurious	Emission	Limit (dDm)	Result
Channel	(MHz)	Polarization	Level (dBm)		Result
4132 58.11 200.36 1655.7 2335.2 4579.7 9280.5 58.31 184.14	58.11	Vertical	-67.79		
	200.36	V	-62.86		
	1655.77	V	-51.74	12.00	Deee
	2335.27	V	-49.95	-13.00	Pass
	4579.77         V         -54.40           9280.59         V         -45.41           58.31         Horizontal         -71.02           184.14         H         -61.54           1198.74         H         -52.42				
4400	9280.59	V	-45.41		
4132	58.31	Horizontal	-71.02		
	184.14	н	-61.54		
	1198.74	Н	-52.42	10.00	Dava
	1652.13	Н	-52.48	-13.00	Pass
	3842.67	Н	-57.31		
	8937.16	Н	-46.20	-13.00 -13.00	
	200.36	Vertical	-58.56		
	365.56	V	-67.09	-13.00	Doop
	1670.38	V	-49.68		
4183	2162.42	V	-51.93		Pass
	4707.72	V	-53.92		
	8556.66	V	-46.09		
4183	58.31	Horizontal	-73.32		
	266.39	Н	-60.51		
	1670.38	Н	-53.00	10.00	5
-	2058.11	Н	-50.23	-13.00	Pass
	3338.41	н	-54.57		
	6824.17	н	-49.65	-	
	58.11	Vertical	-67.77		
	200.36	V	-62.36		
	1700.00	V	-50.60		_
	2058.11	V	-50.53	-13.00	Pass
	5010.65	V	-53.22		
4233	7326.76	V	-48.49		
	184.14	Horizontal	-64.02		
	266.39	Н	-61.69		
	1378.22	Н	-54.71		
	1700.00	н	-48.54	-13.00	Pass
	4996.14	н	-53.63		
	9120.47	н	-46.02		

Remark:

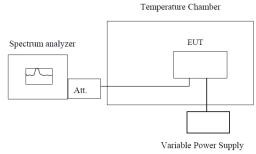
1.

## 5.7. 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°Coperating frequency as reference frequency.
- 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

Note:Worst case at GSM850/PCS1900/WCDMA B2/B5 mid channel

Refe	erence Frequency: G	SM850 Middle cha	annel=190 chann	el=836.6MHz	
Power supplied	Temperature (°C)	Frequency error		Limit (ppm)	Result
(Vdc)		Hz	ppm	Linit (ppin)	Result
	-30	24	0.029		
	-20	26	0.031		
	-10	25	0.030		
	0	24	0.029		
3.80	10	27	0.032	2.50	Pass
	20	22	0.026		
	30	24	0.029	-	
	40	25	0.030		
	50	18	0.022		
Refe	erence Frequency: PO	CS1900 Middle ch	annel=661 chanr	nel=1880MHz	
Power supplied	Tomporatura (°C)	Frequency error		Limit (ppm)	Result
(Vdc)	Temperature (°C)	Hz	ppm	Limit (ppm)	Result
	-30	20	0.011		
	-20	18	0.010		
	-10	21	0.011		
	0	20	0.011		
3.80	10	19	0.010	2.50	Pass
	20	19	0.010		
	30	20	0.011		
	40	25	0.013		
	50	21	0.011		

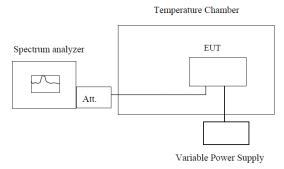
Reference Frequency: WCDMA Band II Middle channel=9400 channel=1880MHz								
Power supplied	Temperature (°C)	Frequer	ncy error	Limit (ppm)	Result			
(Vdc)	Temperature ( C)	Hz	ppm	Einin (ppin)	Result			
	-30	27	0.014					
	-20	26	0.014					
	-10	28	0.015					
	0	29	0.015					
3.80	10	27	0.015	2.50	Pass			
	20	25	0.013					
	30	25	0.013					
	40	28	0.015	-				
	50	27	0.015					
Reference	ce Frequency: WCDN	A Band VMiddle	channel=4183 ch	annel=836.6MH	z			
Power supplied	Temperature (°C)	Frequer	ncy error	Limit (ppm)	Result			
(Vdc)	Temperature ( C)	Hz	ppm		Result			
	-30	24	0.029					
	-20	16	0.020					
	-10	15	0.018					
	0	22	0.026					
3.80	10	16	0.019	2.50	Pass			
	20	17	0.020					
	30	15	0.017	1				
	40	15	0.018					
	50	18	0.022					

## 5.8. Frequency stability V.S. Voltage measurement

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

Note:Worst case at GSM850/PCS1900/WCDMA B2/B5 mid channel

Report No.: TRE1706017801

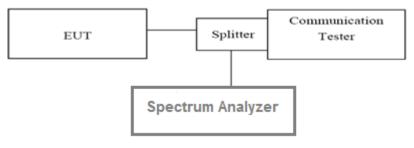
Reference	e Frequency: GSM85	0 (GSM link) Mido	lle channel=190	channel=836.6MH	Ηz
Temperature (°C)	Power supplied	Frequer	icy error	Limit (ppm)	Result
Temperature (C)	(Vdc)	Hz	ppm	Linit (ppn)	Result
	4.35	15	0.017		
25	3.80	29	0.035	2.50	Pass
	3.60	17	0.020		
Reference	Frequency: PCS190	00 (GSM link) Mid	dle channel=661	channel=1880MI	Ηz
Temperature (°C)	Power supplied	Frequer	cy error	Limit (ppm)	Result
	(Vdc)	Hz	ppm	Emit (ppm)	Result
25	4.35	27	0.014		
	3.80	25	0.013	2.50	Pass
	3.60	28	0.015		
Referen	ce Frequency: WCDN	/A Band II Middle	channel=9400 c	hannel=1880MHz	Ζ
Temperature (°C)	Power supplied	Frequer	cy error	Limit (	,
remperature ( C)	(Vdc)	Hz	ppm	Res	sult
	4.35	25	0.013		
25	3.80	28	0.015	2.50	Pass
	3.60	26	0.014		
Referen	ce Frequency: WCDN	IA Band VMiddle	channel=4183 cl	nannel=836.6MHz	Ζ
Temperature (°C)	Power supplied	Frequer	cy error	Limit (ppm)	Result
	(Vdc)	Hz	ppm	Ennic (ppin)	Result
	4.35	19	0.023		
25	3.80	20	0.024	2.50	Pass
20	3.00	20	0.024	2.50	1 435

## 5.9. Peak-Average Ratio

LIMIT

13dB

#### **TEST CONFIGURATION**



#### TEST PROCEDURE

According with KDB 971168

- 1. The signal analyzer's CCDF measurement profile is enabled
- 2. Frequency = carrier center frequency
- 3. Measurement BW > Emission bandwidth of signal
- 4. The signal analyzer was set to collect one million samples to generate the CCDF curve

5. The measurement interval was set depending on the type of signal analyzed. Forcontinuoussignals(>98% duty cycle), the measurement interval was set to 1ms. For bursttransmissions, the spectrum analyzer is set to use an internal " RF Burst" trigger that issynced with an incoming pulse and the measurement interval is set to less than the duration of the " on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

#### TEST MODE:

Please refer to the clause 3.3

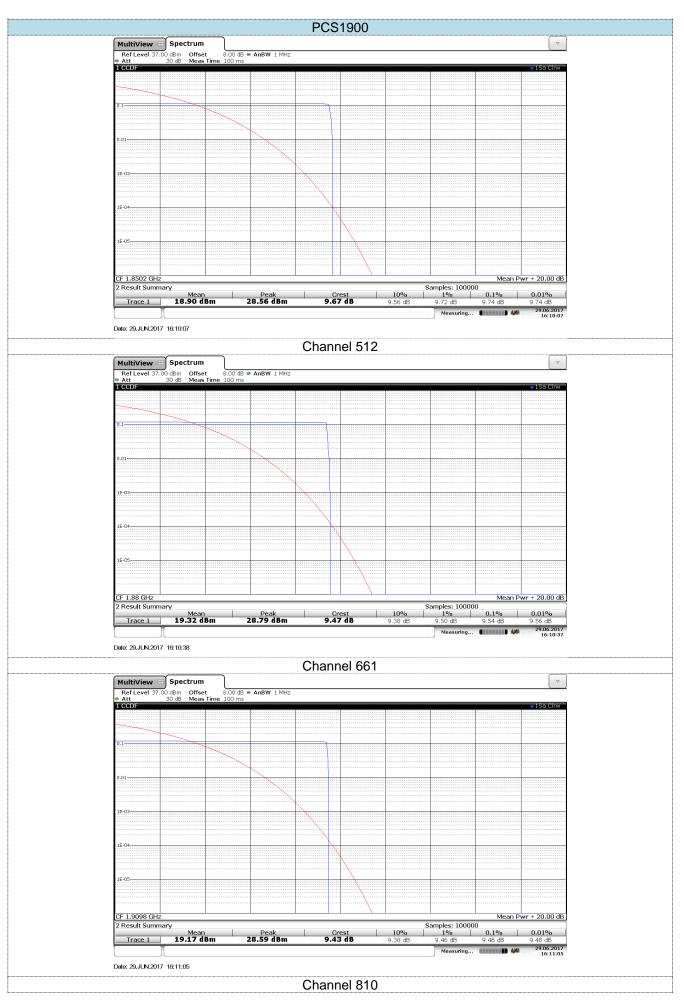
#### TEST RESULTS

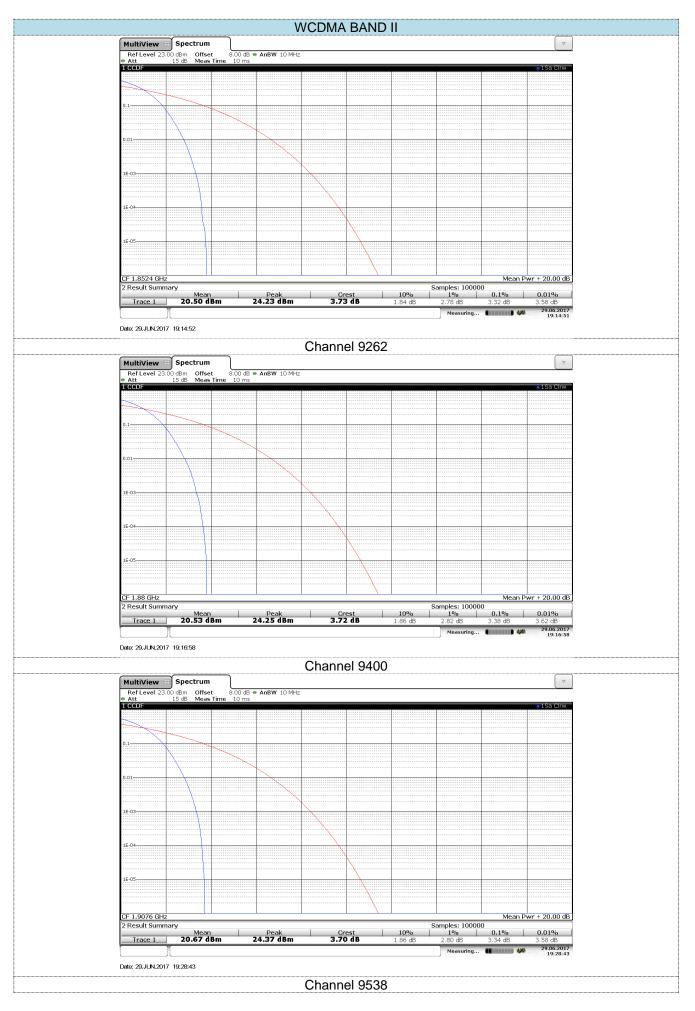
#### ☑ Passed □ Not Applicable

Note:Worst case PCS1900,WCDMA BAND1900

Band	Channel	Frequency(MHz)	PAR	Limit(dB)	Result
	512	1850.2	9.74	13.00	Pass
PCS1900	661	1880.0	9.54	13.00	Pass
	810	1909.8	9.48	13.00	Pass

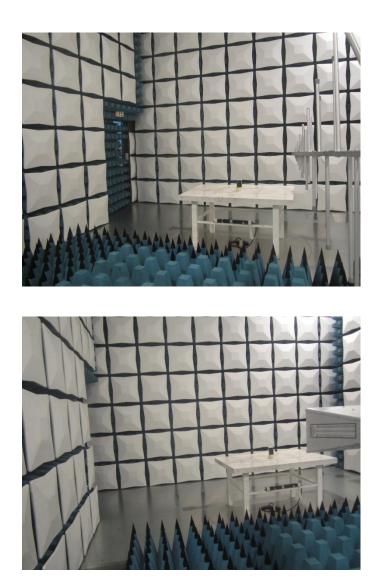
Band	Channel	Frequency(MHz)	PAR	Limit(dB)	Result
WCDMA BAND II	9262	1852.4	3.32	13.00	Pass
	9400	1880.0	3.38	13.00	Pass
	9538	1907.6	3.34	13.00	Pass





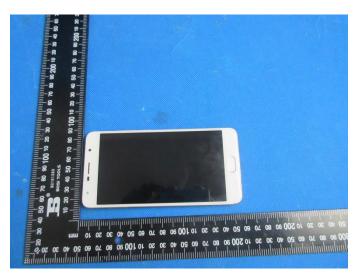
# 6. Test Setup Photos of the EUT

Radiated emission:

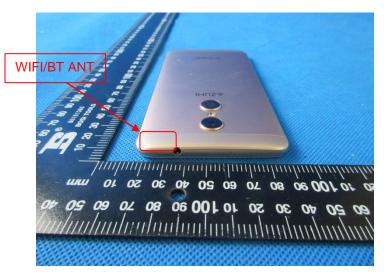


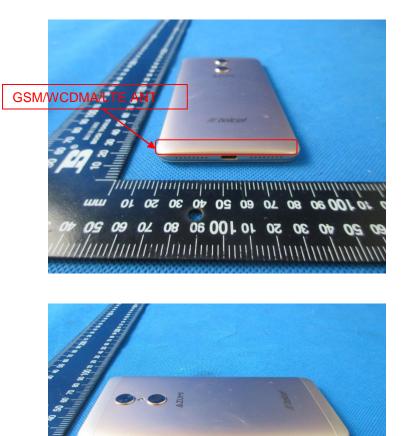
## 7. External and Internal Photos of the EUT

## External photos of the EUT



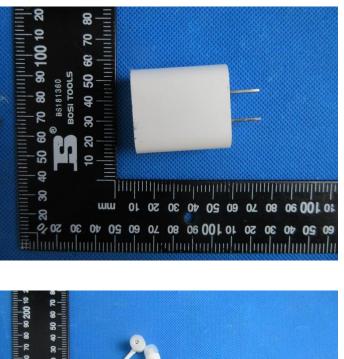








Report Template Version: H00 (2016-08)







Report Template Version: H00 (2016-08)

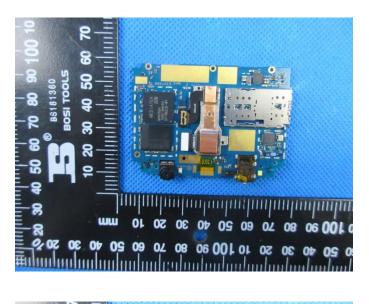
## Internal photos of the EUT

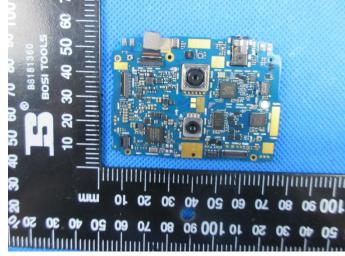


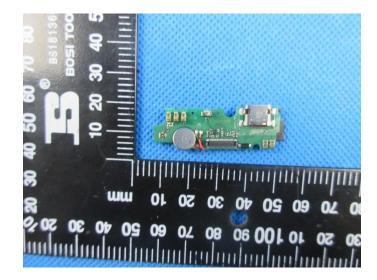


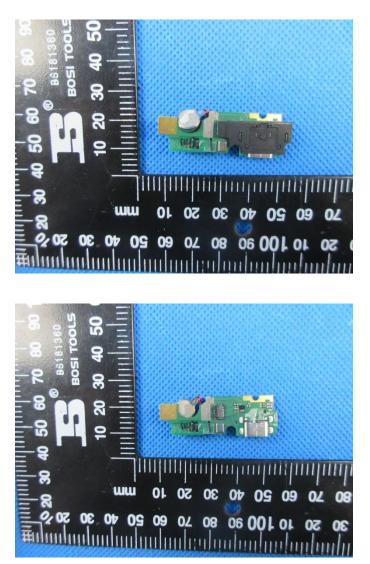


Report Template Version: H00 (2016-08)









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