

Appendix for Test report



Appendix A: DTS (6 dB) Bandwidth

In this document, the "DTS6dBBW" refers to the measured "DTS (6 dB) Bandwidth" value. In this Appendix, the "fc(DTS6dBBW)" refers to the centre of the measured "DTS6dBBW". The introduction of the "fc(DTS6dBBW)" is due to that other measurements use it as the spectrum analyzer setting.

For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain, and used as respective results for each chain.

Part I - Test Results

Test Mode	Test Channel	Test Channel Frequency[MHz]		Verdict
TM1 _Ch0	L	2402	0.71	pass
TM1 _Ch19	М	2440	0.70	pass
TM1 _Ch39	Н	2480	0.70	pass



Part II - Test Plots

2.1 TM1_Ch0_L





2.2 TM1_Ch19_M

Ref Offset 1 dB			ALIGN AUTO D9:20:56 AM Nov 30, 20 Radio Std: None : 10/10 Radio Device: BTS	¹⁷ Frequency
10 dB/div Ref 25.00 dBm 15.0 5.00 -5.00 -15.0 -25.0				Center Freq 2.440000000 GHz
-35.0 -45.0 -55.0 -65.0 Center 2.44 GHz #Res BW 100 kHz	#\/	/BW 300 kHz	Span 4 Mł Sweep 1 m	CF Step 400.000 kHz
Occupied Bandwidth		Total Power	15.1 dBm	Freq Offset 0 Hz
Transmit Freq Error x dB Bandwidth	4.361 kHz 700.8 kHz	OBW Power x dB	99.00 % -6.00 dB	



2.3 TM1_Ch39_H

Agilent Spectrum Ana LXI RL RF	50 Ω	AC				NSE:INT			ALIGN AUTO		AMNov 30, 2017	Er	equency
Center Freq 2	2.48000		iz Gain:Low	- -	Center F Trig: Free #Atten: 40) GHz /g Hold:	>10/10	Radio Std Radio De			equency
10 dB/div 🛛 🦷	tef Offset tef 25.0	1 dB 0 dBm											
Log 15.0													enter Freq
-5.00							-					2.40	
-15.0													
-25.0	سم محمد									h.			
-45.0	Marana and a start and a start									- Ward	Murran Mar		
-55.0													
Center 2.48 G	Hz									Sp	an 4 MHz	Auto	CF Step 400.000 kHz Man
#Res BW 100	kHz				#VE	300 K	۲Ľ			Sw	eep 1 ms	Auto	Wan
Occupied	Band				_	Total P	ow	er	14.9	9 dBm		I	req Offset
	1.0645 MHz						0 Hz						
Transmit F	req Err	or	4.91	3 k	Hz	OBW P	ow	er	99	9.00 %			
x dB Bandy	width		697	.7 k	Hz	x dB			-6.	00 dB			
MSG									STATUS				
									314100				



Appendix B: Occupied Bandwidth

For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain, and used as respective results for each chain.

Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Occupied Bandwidth [MHz]	Verdict
TM1 _Ch0	L	2402	1.04	pass
TM1 _Ch19	М	2440	1.04	pass
TM1 _Ch39	Н	2480	1.04	pass



Part II - Test Plots

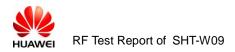
2.1 TM1_Ch0_L





2.2 TM1_Ch19_M

Agilent Spectrum Analyzer - Occupied B M RL RF 50 Ω AC		ENSE:INT	ALIGN AUTO 09:21:04 AM Nov 30, 20	17	
Center Freq 2.440000000	GHz Center Trig: Fro #IFGain:Low #Atten:		Radio Std: None I: 10/10 Radio Device: BTS	Frequency	
Ref Offset 1 dB 10 dB/div Ref 25.00 dBm Log	1				
15.0 5.00				Center Freq 2.440000000 GHz	
-5.00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Marine Marin			
-15.0			M		
-45.0		\/`	M A A A A A A A A A A A A A A A A A A A		
-55.0 0				**	
				CF Step 400.000 kHz	
Center 2.44 GHz #Res BW 20 kHz	#V	BW 62 kHz	Span 4 M⊦ Sweep 9.6 m	S Auto Man	
Occupied Bandwidt	h	Total Power	14.6 dBm	Freq Offset	
1.0	1.0426 MHz				
Transmit Freq Error	11.149 kHz	OBW Power	99.00 %		
x dB Bandwidth	1.261 MHz	x dB	-26.00 dB		
100			07471-0		
MSG			STATUS		



2.3 TM1_Ch39_H

Agilent Spectrum Analyzer - Occupied BV	V				
Image: RL RF 50 Ω AC Center Freq 2.480000000	GHz C	SENSE:INT	ALIGN AUTO	09:25:44 AMNov 30, 2017 Radio Std: None	Frequency
	rig: Free Run / Atten: 40 dB	vg Hold: 10/10	Radio Device: BTS		
	#IFGain:Low#/	ntten. 40 dB		Hadro Berrice. Bito	
Ref Offset 1 dB 10 dB/div Ref 25.00 dBm					
Log 15.0					Center Freq
5.00					2.480000000 GHz
-5.00	^	mm			
-15.0	\sim	ر لمر			
-25.0			Y		
m	~~		J mark		
-35.0			- ²	\	
-45.0				V V V V V V V V V V V V V V V V V V V	
-55.0 your property and the second				who have be	
-65.0					CF Step
Center 2.48 GHz				Span 4 MHz	400.000 kHz <u>Auto</u> Man
#Res BW 20 kHz		#VBW 62 kHz		Sweep 9.6 ms	Auto
Occupied Bandwidth	ı	Total Pov	ver 14.4	4 dBm	Freq Offset
	0417 MHz	-			0 Hz
Transmit Freq Error	11.672 kHz	Z OBW Pov	ver 9	9.00 %	
x dB Bandwidth	1.261 MHz	z x dB	-26	.00 dB	
MSG			STATUS	3	



Appendix C: Duty Cycle

Part I - Test Results

Test Mode	TX Freq. [MHz]	Duty cycle [%]
TM1	CH0,CH19,CH39	60.3

Part II - Test Plots

2.1 TM1

	um Analyzer - Swept SA								
Center E	RF 50 Ω AC	GH7	SENSE	INT	Ava Tvp	e: Log-Pwr		MNov 30, 2017	Frequency
Genter P	eq 2.40200000	PNO: Fast +	Trig: Free R				TYF		
		IFGain:Low	Atten: 34 dE	j					Auto Tune
							MKr3 1.	316 ms 37 dBm	
10 dB/div Log	Ref 23.00 dBm						1.0	57 ubili	
13.0				{} ² ──	 ♦ ³ ·				Center Freq
3.00				-	<u> </u>				2.402000000 GHz
-7.00									
-17.0									
-27.0									Start Freq
-37.0		اسم		4	- April			لسع	2.402000000 GHz
-47.0	4 //w	www.		marpha	4 ^{ray} p		WH Y	Wint	
-57.0									Stop Freq
-67.0									2.402000000 GHz
	102000000 GHz	VDW				Owener 0	S	pan 0 Hz	CF Step
Res BW 8		APAA	8.0 MHz			Sweep 2			8.000000 MHz
MKR MODE TR	RC SCL X	690.7 µs	Y 7.24 dBm		CTION FI	JNCTION WIDTH	FUNCTIO	ON VALUE	<u>Auto</u> Man
2 N 1	t	1.068 ms	7.28 dBm						
3 N 1 4	t	1.316 ms	7.37 dBm						Freq Offset
5									0 Hz
7									
8									
10									
11									
MSG						STATUS	3		



Appendix D: Maximum Conducted Average Output Power

Part I - Test Results

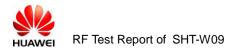
Test Mode	Test Channel	Frequency[MHz]	Duty Cycle [%]	Power[dBm]	Verdict
TM1 _Ch0	L	2402	60.3	8.09	pass
TM1 _Ch19	М	2440	60.3	8.54	pass
TM1 _Ch39	Н	2480	60.3	8.28	pass



Part II - Test Plots

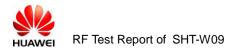
2.1 TM1_Ch0_L

KI RL	um Analyzer - The du RF 50 Ω / req 2.4020000	AC		NSE:INT	ALIGN AUTO	09:16:11 AM Nov 30, 2017 TRACE 123456	Frequency
0 dB/div	Ref Offset 3.2 dl	PNO: Wid IFGain:Lov 3			Mkr1 Band Po	2.402 000 GHz wer 8.093 dBm	Auto Tune
og 20.0 10.0 0.00				1			Center Fred 2.402000000 GH:
10.0 20.0 30.0		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			my program		Start Fred 2.400000000 GHz
40.0 50.0 60.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					m	Stop Fred 2.404000000 GHz
Res BW	RC SCL	#\ × 2.402 000 GHz	/ <mark>BW 62 kHz*</mark> Y -8.991 dl	FUNCTION	Sweep		CF Step 400.000 kH <u>Auto</u> Mar
2 3 4 5 6							Freq Offse 0 H:
7 8 9 10 11 12							
SG					STATUS		



2.2 TM1_Ch19_M





2.3 TM1_Ch39_H

gilent Spectrum Analyzer - The c						
enter Freq 2.480000		SENSE:II	#Avg T	ALIGN AUTO ype: RMS Id: 500/500	09:26:03 AMNov 30, 2017 TRACE 1 2 3 4 5 6 TYPE A WWWWW DET A A A A A A	Frequency
Ref Offset 3.2 o dB/div Ref 30.00 dB	IFGain:Low	Atten: 38 dB		Mkr1	2.480 000 GHz ver 8.283 dBm	Auto Tune
20.0 10.0 0.00		1				Center Free 2.480000000 GH
10.0 20.0 30.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	for the second s	Month of the second sec	~~~		Start Fre 2.478000000 GH
40.0 50.0 60.0					han	Stop Fre 2.482000000 GH
tart 2.478000 GHz Res BW 20 kHz	X	3W 62 kHz*	FUNCTION		top 2.482000 GHz 12.3 ms (601 pts) FUNCTION VALUE	CF Ste 400.000 kH <u>Auto</u> Ma
1 N 1 f 2	2.480 000 GHz	-3.842 dBm	Band Power	1.053 MHz	8.283 dBm	Freq Offse 0 H
7 8 8 9 9 0 1 2						
G				STATUS		



Appendix E: Maximum Power Spectral Density Level

Part I - Test Results

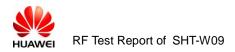
Test Mode	Test Channel	Frequency[MHz]	Duty Cycle [%]	PD[MHz]	Verdict
TM1 _Ch0	L	2402	60.3	-3.76	pass
TM1 _Ch19	М	2440	60.3	-3.12	pass
TM1 _Ch39	Н	2480	60.3	-3.70	pass



Part II - Test Plots

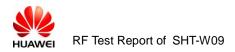
2.1 TM1_Ch0_L





2.2 TM1_Ch19_M





2.3 TM1_Ch39_H



Appendix F: Band Edges Compliance

Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Carrier Power[dBm]	Max.Spurious Level[dBm]	Verdict
TM1_Ch0	L	2402	7.54	-46.87	pass
TM1_Ch39	Н	2480	7.60	-49.21	pass



Part II - Test Plots

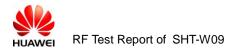
2.1 TM1_Ch0_L

LXI RL	rum Analyzer - Sw RF 50 Ω req 2.3925(AC 00000 G		T	BE:INT	Avg Type Avg Hold:	ALIGNAUTO	TRAC	MNov 30, 2017 E 1 2 3 4 5 6 E M WWWWW	Frequency
10 dB/div	Ref Offset 1 Ref 30.00	dB	PNO: Fast ↔ Gain:Low	Atten: 40 o				DE 2 2.400	00 GHz 9 dBm	Auto Tune
Log 20.0 10.0 0.00								^1		Center Freq 2.392500000 GHz
-10.0 -20.0 -30.0										Start Freq 2.380000000 GHz
-40.0 -50.0	ليوسا المسيعين المراسي المسير المسيول		ngngallana ang ang ang ang ang ang ang ang ang		, <mark>↓</mark> ₽► ⁰ ↓ ●	୷ <mark>ᡎᡆᡌᡮᡌᡎ</mark> ᡳᠼᡘᠫᡌᡊ _{ᠣᢃ} ᡪᡘᡁ	alan mapa assort	<u>,</u>	- United and the second	Stop Freq 2.405000000 GHz
Start 2.38 #Res BW	100 kHz	×		V 300 kHz	FUNC	TION FU	#Sweep	Stop 2.40 100 ms	1500 GHz (601 pts) N VALUE	CF Step 2.500000 MHz <u>Auto</u> Man
1 N 1 2 N 1 3 4 5 6 7 8			00 GHz 00 GHz	7.539 dB -46.869 dB						Freq Offset 0 Hz
9 10 11 12 MSG							STATUS			



2.2 TM1_Ch39_H

Agilent Spectrum Analyzer - Swept SA					
X RL RF 50 Ω AC Center Freq 2.483500000	CH-	SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	09:28:50 AMNov 30, 2017 TRACE 1 2 3 4 5 6	Frequency
center Freq 2.485500000	PNO: Fast +++ IFGain:Low	Trig: Free Run Atten: 40 dB	Avg Hold: 100/100		
Ref Offset 1 dB 10 dB/div Ref 30.00 dBm			Mkr	2 2.483 50 GHz -49.212 dBm	Auto Tune
20.0 10.0 0.00					Center Freq 2.483500000 GHz
-10.0					Start Freq 2.473500000 GHz
-40.0 -50.0 Surgering of the second 		2 Longender regelender	kulpane	attaa aanaa ahaa ahaa ahaa ahaa ahaa aha	Stop Freq 2.493500000 GHz
Start 2.47350 GHz #Res BW 100 kHz	#VBW	300 kHz	#Sweep	Stop 2.49350 GHz 100 ms (601 pts)	CF Step 2.000000 MHz
MKR MODE TRC SCL X	30 00 GHz	7.601 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
		-49.212 dBm			Freq Offset 0 Hz
7 8 9 10 11 12					
ISG DAlignment Completed			STATUS		



Appendix G: Unwanted Emissions into Non-Restricted Frequency

Bands

In this Appendix, the "Pref", which is used as the reference level, refers to the peak power level in any 100 kHz bandwidth within the fundamental emission, the "Puw" referrers to the maximum emission power in 100 kHz band segments outside of the authorized frequency band.

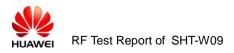
Considering that the higher ratio of RBW to the span for the frequency ranges below 30 MHz makes the results determination be complicated, a narrower RBW other than 100 kHz is used for these ranges. The measured value should add a RBW correction factor (RBWCF) where RBWCF [dB] = $10 \times lg(100 \ [kHz]/narrower RBW \ [kHz])$. As to this Appendix, the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain and used as respective results for each chain, due to the relative-limit requirement.

In the result table, the "< Limit" denotes that "The Puw [dBm] is less than Pref[dBm]-30[dBm],see test plots for detailed".

Test Mode	Test Channel	Frequency[MHz]	Pref[dBm]	Puw[dBm]	Verdict
TM1_Ch0	L	2402	7.54	<limit< td=""><td>pass</td></limit<>	pass
TM1_Ch19	М	2440	7.88	<limit< td=""><td>pass</td></limit<>	pass
TM1_Ch39	Н	2480	7.70	<limit< td=""><td>pass</td></limit<>	pass

Part I - Test Results

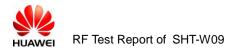


Part II - Test Plots

2.1 TM1_Ch0_L

Pref:

Agilent Spectrum Analyzer - Swept SA		ISE:INT	ALIGN AUTO	09:16:42 AMNov 30, 2017	
Center Freq 2.402000000	GHz PNO: Wide C Trig: Free	Avg Type Run Avg Hold:		TRACE 123456 TYPE MWWWWW DET PPPPP	Frequency
Ref Offset 1 dB 10 dB/div Ref 20.00 dBm	IFGain:Low Atten: 30	90	Mkr1 2.	401 993 GHz 7.545 dBm	Auto Tune
10.0		1			Center Freq 2.402000000 GHz
-10.0					Start Freq 2.400000000 GHz
-20.0	~				Stop Freq 2.404000000 GHz
-40.0					CF Step 400.000 kHz <u>Auto</u> Man
60.0				[#] \`~ _{100/~1} /`\^\o	Freq Offse 0 Hz
-70.0 Start 2.400000 GHz #Res BW 100 kHz	#VBW 300 kHz		Sto	p 2.404000 GHz	
	#VBW JUU KHZ		Sweep 1	.00 ms (601 pts)	



Puw:





9		Analyzer - Sw										
LXI RI		r⊧ 50Ω 15.0750			SEI	NSE:INT	Ava Type	ALIGNAUTO : Log-Pwr		MNov 30, 2017	Fre	quency
Cer		15.0750	PI	NO: Fast 🖵 Gain:Low	Trig: Free #Atten: 40		Avg Hold:		TYF	T P P P P P P		
10 di Log		ef Offset 1 (ef 20.00 (Mkr1 - -42.0	160 kHz 98 dBm		Auto Tune
10.0												enter Freq 075000 MHz
0.00 -10.0												Start Freq 150.000 kHz
-20.0 -30.0										-32.46 dBm	30.	Stop Freq 000000 MHz
-40.0 -50.0											2. <u>Auto</u>	CF Step 985000 MHz Man
-60.0		WYqhyhyhyh	Alfoligen aligne af the	uft ljønet gjalge	pro <mark>, 18 alian state a bla</mark> t		han an a	in the second second	yde line toler and an	heniselli addan y figli	F	F req Offset 0 Hz
-70.0 Star	t 150 kH	7							Stop 3	0.00 MHz		
	s BW 10			#VBW	30 kHz			Sweep	285 ms (3001 pts)		
MSG								STATUS	🚹 DC Cοι	pled		



9	t Spectrum Analyzer -									
LXI RL	. RF 50 ter Freq 1.165		Ll-7	SEN	VSE:INT		ALIGNAUTO		MNov 30, 2017	Frequency
Cen		F	NO: Fast 😱 Gain:Low	Trig: Free #Atten: 40		Avg Hold:		TYF		
10 dB Log r	Ref Offset 3/div Ref 20.00	1 dB 0 dBm					Mkr	1 2.233 -46.8	32 GHz 37 dBm	Auto Tune
10.0 -										Center Freq 1.165000000 GHz
0.00 - -10.0 -										Start Freq 30.000000 MHz
-20.0 -30.0									-22.46 dBm	Stop Freq 2.300000000 GHz
-40.0 - -50.0 -	an and fear and the state of the state of the	und ¹¹ States of the second second second	a - 21 Martin State Inc State Co.	त्राधीय किस्त्रार्थ्य क्रान्स्राय क्र						CF Step 227.000000 MHz <u>Auto</u> Man
-60.0	ed them has her been been and the barrene	u Mark Lindon dan dagan dan Kolonga Kolong		, de, (a.), (all, y pier (aradian						Freq Offset 0 Hz
-70.0										
	t 30 MHz s BW 100 kHz		#VBW	300 kHz			Sweep	Stop 2 217 ms (.300 GHz 8001 pts)	
MSG							STATUS	6		



	um Analyzer - Swep									
Center F	RF 50 Ω req 2.350000		2		VSE:INT	Avg Type		TRAC	MNov 30, 2017 E <mark>1 2 3 4 5 6</mark>	Frequency
		PNC): Fast 😱 in:Low	Trig: Free #Atten: 40		Avg Hold:	>200/200	TYF		
10 dB/div Log	Ref Offset 1 dE Ref 20.00 dI	3 Bm					MI	(r1 2.39) -46.9	9 8 GHz 63 dBm	Auto Tune
										Center Freq
10.0										2.350000000 GHz
0.00										
-10.0										Start Freq 2.30000000 GHz
-10.0										
-20.0									-22.46 dBm	Stop Freq
-30.0										2.400000000 GHz
10.0										CF Step
-40.0									1	10.000000 MHz
-50.0 Junt ion	Martheought and mary		kwnatarr-da	and normality and	vhilling with	a ton too and a title a	ละหม่านสาราคม	whatshowlyitym	Barrad Hours Phase	<u>Auto</u> Man
-60.0										Freq Offset
										0 Hz
-70.0										
Start 2.30	000 CHz							Stop 2.4(0000 GHz	
#Res BW			#VBW	300 kHz			Sweep	9.60 ms (1000 GH2 1001 pts)	
MSG							STATU	S		



	rum Analyzer - Swept SA					
LXIRL	RF 50 Ω AC		NSE:INT	ALIGNAUTO	09:18:00 AMNov 30, 2017 TRACE 1 2 3 4 5 6	Frequency
Center F	req 2.491750000	PNO: Fast IFGain:Low #Atten: 40	Run Av	/g Hold:>200/200		
10 dB/div Log	Ref Offset 1 dB Ref 20.00 dBm			Mkr1 2.4	485 287 5 GHz -47.396 dBm	Auto Tune
10.0						Center Freq 2.491750000 GHz
-10.0						Start Freq 2.483500000 GHz
-20.0					-22.46 dBm	Stop Freq 2.50000000 GHz
-40.0	1 marty marty of the	una for the start of the second the second the second second second second second second second second second s	welling to the ford of the for	autronally the states all	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CF Step 1.650000 MHz <u>Auto</u> Man
-60.0						Freq Offset 0 Hz
	33500 GHz			St	op 2.500000 GHz	
#Res BW	100 kHz	#VBW 300 kHz			1.60 ms (601 pts)	
MSG				STATUS		



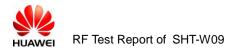




2.2 TM1_Ch19_M

Pref:





Puw:





		ım Analyzer -										
LXI R			ឆ <u>ណ</u> DC 75000 MHz		SEI	NSE:INT	Ανα Τισε	ALIGNAUTO : Log-Pwr		MNov 30, 2017 E 1 2 3 4 5 6	Freq	uency
Cer		eq 15.07	F	PNO: Fast 🖵 Gain:Low	Trig: Free #Atten: 40		Avg Hold:		TYP			
10 dl Log	B/div	Ref Offset Ref 20.0							Mkr1 * -41.1	160 kHz 49 dBm	A	uto Tune
10.0												n ter Freq 5000 MHz
0.00 -10.0												tart Freq 0.000 kHz
-20.0 -30.0										-32:12 dBm		top Freq 0000 MHz
-40.0 -50.0											2.98 <u>Auto</u>	CF Step 5000 MHz Man
-60.0 -70.0			n <mark>alul a</mark> r ministrative lange	haliyo hala talayon a	h <mark>i mananan ang sida</mark>	under an	den filmer for station of the	alt alter for the fort	elen en e	han dagla jilay	Fre	e q Offset 0 Hz
Star	rt 150 I								Stop 3	0.00 MHz		
#Re ^{MSG}	s BW '	10 kHz		#VBW	30 kHz			-	285 ms (3001 pts)		
viad								STATUS		ipied		



	nt Spectrum Analyzer - Swept S					
LXI R			SENSE:INT	ALIGN AUTO Avg Type: Log-Pwr	09:22:51 AM Nov 30, 2017 TRACE 1 2 3 4 5 6	Frequency
Cer	nter Freq 1.1650000	PNO: Fast IFGain:Low	Trig: Free Run #Atten: 40 dB	Avg Hold:>50/50		
10 di Log	Ref Offset 1 dB B/div Ref 20.00 dBn	n		Mkr	1 2.157 56 GHz -47.174 dBm	Auto Tune
10.0						Center Freq 1.165000000 GHz
0.00 -10.0						Start Freq 30.000000 MHz
-20.0 -30.0					-22:12 dBm	Stop Freq 2.300000000 GHz
-40.0 -50.0	pui are non glopping a ship a la Au Burne a		مر المراجع المراجع المراجع المراجع المراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والم	and the state of the formal state of the sta	A REAL PROPERTY OF A DESCRIPTION OF A DE	CF Step 227.000000 MHz <u>Auto</u> Man
-60.0	and the state of the second	ing parameters and an				Freq Offset 0 Hz
-70.0						
	rt 30 MHz s BW 100 kHz	#VBW	300 kHz	Sweep	Stop 2.300 GHz 217 ms (8001 pts)	
MSG				STATUS		



	um Analyzer - Swept								
LXI RL	RF 50 Ω		SE	NSE:INT		ALIGNAUTO		4Nov 30, 2017	Frequency
Center F	req 2.350000	1000 GHZ PNO: Fas IFGain:Lo			Avg Hold:		TYP	123456 MWWWWW PPPPP PPPPP	
10 dB/div Log	Ref Offset 1 dB Ref 20.00 dE	3 Bm				Mł	(r1 2.364 -47.39	6 GHz 92 dBm	Auto Tune
10.0									Center Freq 2.350000000 GHz
-10.0									Start Freq 2.300000000 GHz
-20.0								-22:12 dBm	Stop Freq 2.400000000 GHz
-40.0	unor-aliananaphananapha	unu and and a second	ษณ _์ เป็นประกันสมุน	AMARA MARA	1 Ardizatorian	aha ^{l I} mrupi Manauti	nflanjekzhilimetra	Harrow Josef	CF Step 10.000000 MHz <u>Auto</u> Man
-60.0									Freq Offset 0 Hz
-70.0									
Start 2.30 #Res BW		#\	/BW 300 kHz			Sweep	Stop 2.40 9.60 ms (*	000 GHz 1001 pts)	
MSG						STATU	5		



	rum Analyzer - Swept SA					
Center F	RF 50Ω AC req 2.491750000		Run Avg Ho	ALIGN AUTO pe: Log-Pwr Id:>200/200	09:23:12 AMNov 30, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWWWW DET P P P P P P	Frequency
10 dB/div Log	Ref Offset 1 dB Ref 20.00 dBm	IF Galilie Dw an Recht 40		Mkr1 2.	490 100 0 GHz -47.405 dBm	Auto Tune
10.0						Center Freq 2.491750000 GHz
-10.0						Start Freq 2.483500000 GHz
-20.0					-22:12 dBm	Stop Freq 2.500000000 GHz
-40.0		radio and a standard	Jana Marana M	᠇ᡙᠼᢁᢦᠰᡘᡟᢔᢤᠵᢧᡟᡄ	Mananthampatinthathathant	CF Step 1.650000 MHz <u>Auto</u> Man
-60.0						Freq Offset 0 Hz
	3500 GHz 100 kHz	#VBW 300 kHz		Sweep	top 2.500000 GHz 1.60 ms (601 pts)	
MSG				STATUS		



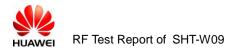
Agilent Spectrum Ana							
	50Ω AC 4.500000000 G		SENSE:INT	Avg Type:		09:23:45 AM Nov 30, 2017 TRACE 1 2 3 4 5 6	
	PI	NO: East 🕟 Trig:	Free Run n: 40 dB	Avg Hold:			
	Offset 1 dB 20.00 dBm				Mk	r1 26.296 GHz -38.310 dBm	
10.0							Center Freq 14.500000000 GHz
-10.0							Start Freq 2.500000000 GHz
-20.0						-22:12 dBm	Stop Freq 26.500000000 GHz
-40.0	and the second of the local days of the						CF Step 2.40000000 GHz <u>Auto</u> Man
-60.0							Freq Offset 0 Hz
-70.0							
Start 2.50 GHz #Res BW 100 k		#VBW 300 k	Hz		Sweep	Stop 26.50 GHz 2.29 s (8001 pts)	
MSG					STATUS		



2.3 TM1_Ch39_H

Pref:





Puw:





9		Analyzer - Sv										
LXI RI			Ω <u>Λ</u> □⊂ 000 MHz		SE	NSE:INT	Ava Type	ALIGNAUTO		MNov 30, 2017 E 1 2 3 4 5 6	Free	quency
Cen		q 15.075	Р	NO: Fast 🖵 Gain:Low	Trig: Free #Atten: 40		Avg Hold:		TYP	E MWWWWW T P P P P P P		
10 dE Log		Ref Offset 1 Ref 20.00							Mkr1 1 -41.7	150 kHz 17 dBm		Auto Tune
10.0												e nter Freq 175000 MHz
0.00 -10.0												Start Freq 50.000 kHz
-20.0 -30.0										-32.30 dBm		Stop Freq 000000 MHz
-40.0 -50.0											2.9 <u>Auto</u>	CF Step 85000 MHz Man
-60.0 -70.0	WINLIN (MAY)	h <mark>illing and the states</mark>	han beretaan halinehaa	diller die statiet	waatha ta ay sa ahaa ahaa ahaa ahaa ahaa ahaa ah	e <mark>d</mark> a egye kilkete iger		h _{al} han dika sarifat		Alexandra da	Fi	r eq Offset 0 Hz
	t 150 ki								Stop 3	0.00 MHz		
	s BW 10			#VBW	30 kHz			Sweep	285 ms (3001 pts)		
MSG								STATUS	L DC Cou	pled		



	ectrum Analyzer - Swept SA							
LXI RL Cepter	RF 50 Ω AC Freq 1.165000000		NSE:INT	Avg Type:	ALIGNAUTO	TRACI	MNov 30, 2017	Frequency
Center		PNO: Fast Trig: Free IFGain:Low #Atten: 40		Avg Hold:>		TYP		
10 dB/div Log	Ref Offset 1 dB Ref 20.00 dBm				Mkr	1 2.293	19 GHz 36 dBm	Auto Tune
10.0								Center Freq 1.165000000 GHz
-10.0								Start Freq 30.000000 MHz
-20.0							-22.30 dBm	Stop Freq 2.30000000 GHz
-40.0	a na tan kang da ji daga si kang da na da da na	روی و بر این می و در و بر	n ter (in ter Winnet)		isteas täyteksi ole tai		1 Himiltonia po vil Himiltoni vila potenti	CF Step 227.000000 MHz <u>Auto</u> Man
-60.0	an a	iyesi a cala di asila di adiki kiyesini ini da ya da di sina a da di da ta						Freq Offset 0 Hz
-70.0								
Start 30 #Res Bi) MHz W 100 kHz	#VBW 300 kHz			Sweep	Stop 2. 217 ms (1	300 GHz 8001 pts)	
MSG					STATUS	3		



	um Analyzer - Swep								
Center Fi	RF 50 Ω req 2.350000	0000 GHz		NSE:INT	Avg Type		TRACE	1Nov 30, 2017 1 2 3 4 5 6 MWWWWW	Frequency
		PNO: Fa IFGain:Lo			Avg Hold:	>200/200	DE.		
10 dB/div Log	Ref Offset 1 di Ref 20.00 di	3 Bm				Mł	(r1 2.389 -47.03	4 GHz 35 dBm	Auto Tune
10.0									Center Freq 2.350000000 GHz
0.00									Start Freq 2.300000000 GHz
-20.0								-22.30 dBm	Stop Freq 2.400000000 GHz
-40.0	and to be the state of the	Lanst A. m	a 1 - 1- 4A tradiosecuti 1 AAAaa	lases to boundable		k or mathematic		1	CF Step 10.000000 MHz <u>Auto</u> Man
-60.0	alf, friff, _{for t} e se frift frank, fild f	vergenne er, a al Leu Urbell Jein	a _{rte} r(r-ff ^{**} μ ² ₩km+f1/sd\ [*] [M·1	an vito lime da un	alender he a maaree di	alaan saadahaa yaa		and two shifts	Freq Offset 0 Hz
-70.0									
Start 2.30 #Res BW		#	VBW 300 kHz			Sweep	Stop 2.40 9.60 ms (1	000 GHz 001 pts)	
MSG						STATU	3		



Agilent Spectrum Analyzer - Swept SA				
	SENSE:1	NT ALIGNAUTO Avg Type: Log-Pwr	09:27:52 AM Nov 30, 2017 TRACE 1 2 3 4 5 6	Frequency
Center Freq 2.491750000	PNO: Fast Trig: Free Ru IFGain:Low #Atten: 40 dB	n Avg Hold:>200/200		
Ref Offset 1 dB 10 dB/div Ref 20.00 dBm		Mkr1 2.	492 080 0 GHz -47.814 dBm	Auto Tune
10.0				Center Freq 2.491750000 GHz
-10.0				Start Freq 2.483500000 GHz
-20.0			-22.30 dBm	Stop Freq 2.50000000 GHz
-40.0 -50.0 Horder Marchard	Worker and Walter and a contraction of the second sec	1 blwwww.yllphawaaphtada.lwaaga.hwyw	marthelian Angela Anartana	CF Step 1.650000 MHz <u>Auto</u> Man
-60.0				Freq Offset 0 Hz
Start 2.483500 GHz #Res BW 100 kHz	#VBW 300 kHz	S	top 2.500000 GHz 1.60 ms (601 pts)	
MSG		STATUS		





END