

# **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.

Test Mode	Test Channel	Frequency[MHz]	DTS6dBBW[MHz]	Verdict
TM1 _Ch0	L	2402	0.69	pass
TM1 _Ch19	М	2440	0.70	pass
TM1 _Ch39	Н	2480	0.70	pass



#### 2.1 TM1\_Ch0\_L





#### 2.2 TM1\_Ch19\_M

Agilent Spectrum Analyzer - Occupied BW     W   RL   RF   50 Ω   AC     Center Freq 2.440000000 G	Hz Center Freq: 2.44000 Trig: Free Run FGain:Low #Atten: 40 dB	0000 GHz Radio St Avg Hold: 10/10	AMNov 15, 2017 d: None vice: BTS
Ref Offset 1 dB 10 dB/div Ref 25.00 dBm Log	· · · · · · · · · · · · · · · · · · ·		
5.00			Center Freq 2.440000000 GHz
-5.00			
-35.0 -45.0			www.ma
-65.0			
Center 2.44 GHz #Res BW 100 kHz	#VBW 300 k		pan 4 MHz reep 2 ms
Occupied Bandwidth	Total Po	ower 11.7 dBm	<u>Auto</u> Man
1.0	606 MHz		Freq Offset
Transmit Freq Error	3.015 kHz OBW Pe	ower 99.00 %	0 Hz
x dB Bandwidth	698.8 kHz x dB	-6.00 dB	
MSG		STATUS	



#### 2.3 TM1\_Ch39\_H

Agilent Spectrum Analyzer - Occupie       X     RL     RF     50 Ω     AC       Center Freq 2.4800000     Conter Freq 2.4800000     Conter Freq 2.4800000     Conter Freq 2.48000000     Conter Freq 2.480000000     Conter Freq 2.48000000	00 GHz	SENSE:INT Center Freq: 2.480000000 GHz rig: Free Run Avg Ho Atten: 40 dB	ALIGN AUTO 08:33:38 AM Nov Radio Std: Nor Id:>10/10 Radio Device: I	Frequency
Ref Offset 1 de 10 dB/div Ref 25.00 de Log				
15.0 5.00		~~~~		Center Freq 2.480000000 GHz
-15.0				
-35.0 -45.0				Marcuna and
-55.0				
Center 2.48 GHz #Res BW 100 kHz		#VBW 300 kHz	Span 4 Sweep	2 ms 400.000 kHz
Occupied Bandwig	<sub>dth</sub> 1.0577 MHz	Total Power	12.3 dBm	<u>Auto</u> Man
Transmit Freq Error	986 H:		99.00 %	Freq Offset 0 Hz
x dB Bandwidth	703.4 kHz	z x dB	-6.00 dB	
MSG			STATUS	



### 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.

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



#### 2.1 TM1\_Ch0\_L





#### 2.2 TM1\_Ch19\_M

Agilent Spectrum Analyzer - Occupied       M     RL     RF     50 Ω     AC       Center Freq 2.44000000		SENSE:INT Center Freq: 2.44000000 Trig: Free Run A #Atten: 40 dB	ALIGNAUTO 0 GHz vg Hold: 10/10	08:24:19 AMNov 15, 2017 Radio Std: None Radio Device: BTS	Frequency
Ref Offset 1 dE 10 dB/div Ref 25.00 dE Log			· · · · · · · · · · · · · · · · · · ·		
15.0 5.00 		Marin			Center Freq 2.440000000 GHz
-5.00					
-35.0 -45.0	~~~~~		- Ward	Dr s. streng of	
-55.0				And the second s	
Center 2.44 GHz #Res BW 20 kHz		#VBW 62 kHz		Span 4 MHz Sweep   9.6 ms	CF Step 400.000 kHz
Occupied Bandwid	մth  .0413 MH	Total Pow	er 11.3	dBm	<u>Auto</u> Man
Transmit Freq Error	9.626 k		ver 99.	.00 %	<b>Freq Offset</b> 0 Hz
x dB Bandwidth	1.263 №	AHz x dB	-26.0	00 dB	
MSG			STATUS		



#### 2.3 TM1\_Ch39\_H

Center Freq 2.48000	AC DOOOOO GHz #IFGain:	Cente ⊷⊷ Trig:F	SENSE:INT FFreq: 2.480000000 GH ree Run Avg H : 40 dB	lz Ra lold: 10/10	8:33:45 AMNov 15, 2017 adio Std: None adio Device: BTS	Frequency
Ref Offset 10 dB/div Ref 25.0 Log						
15.0 5.00		- ANN				Center Freq 2.480000000 GHz
-5.00		~~~~~~				
-25.0	mm	۲ <sup>۲</sup>	<u> </u>	1 m		
-45.0 -55.0					way han my hange	
-65.0						
Center 2.48 GHz #Res BW 20 kHz		#	VBW 62 kHz		Span 4 MHz Sweep 9.6 ms	CF Step 400.000 kHz
Occupied Band	lwidth		Total Power	11.8 di	Bm	<u>Auto</u> Man
	1.0384	I MHz				Freq Offset
Transmit Freq En	ror 8	.251 kHz	OBW Power	99.00	0 %	0 Hz
x dB Bandwidth	1.	261 MHz	x dB	-26.00	dB	
MSG				STATUS		



# Appendix C: Duty Cycle

#### Part I - Test Results

Test Mode	TX Freq. [MHz]	Duty cycle [%]
TM1	CH0,CH19,CH39	61

#### Part II - Test Plots

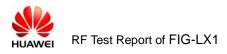
#### 2.1 TM1

Agilent Spectrum Analyzer - Swept SA				
M RL   RF   50 Ω AC   Center Freq 2.440000000	CU-	ALIGNAUTO	08:10:32 AMNov 15, 2017 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast +++ Trig: Free Run IFGain:Low Atten: 40 dB	Arg Type. Log-1 wi		
10 dB/div Ref 30.00 dBm			Mkr3 1.886 ms 4.30 dBm	Auto Tune
		2 3		Center Freq 2.440000000 GHz
-10.0				Start Freq 2.440000000 GHz
-40.0	(ruyhdant)		)Mjur/kvni 	<b>Stop Freq</b> 2.440000000 GHz
Center 2.440000000 GHz Res BW 3.0 MHz	#VBW 8.0 MHz	Sweep 2	Span 0 Hz .733 ms (1001 pts)	CF Step 3.000000 MHz Auto Man
MKR MODE TRC SCL X	1.260 ms 4.12 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto
2 N 1 t 3 N 1 t 4	1.640 ms 4.11 dBm 1.886 ms 4.30 dBm			Freq Offset 0 Hz
6 7 8 9 10				
11 <			×	
MSG		STATUS	3	



# Appendix D: Maximum Conducted Average Output Power

Test Mode	Test Channel	Frequency[MHz]	Duty Cycle [%]	Power[dBm]	Verdict
TM1 _Ch0	L	2402	61	6.05	pass
TM1 _Ch19	М	2440	61	5.23	pass
TM1 _Ch39	Н	2480	61	5.76	pass



#### 2.1 TM1\_Ch0\_L

	um Analyzer - The duty c	ycle factor 2.15							
Center F	RF 50 Ω AC req 2.402000000	) GHz			#Avg Typ		TRAC	4Nov 15, 2017 E <b>1 2 3 4 5 6</b>	Frequency
10 dB/div	Ref Offset 3.15 dB Ref 30.00 dBm	PNO: Wide IFGain:Low	Atten: 38		Avg Hold	Mkr1		00 GHz 2 dBm	Auto Tune
Log 20.0 10.0 0.00				.1					Center Freq 2.402000000 GHz
-10.0 -20.0 -30.0			-						Start Freq 2.400000000 GHz
-40.0 -50.0 -60.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					- A	· ····	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<b>Stop Freq</b> 2.404000000 GHz
Start 2.40 #Res BW		#VB	SW 62 kHz*	FUNCTI	ON FUI	Sweep	Stop 2.404 12.32 ms	000 GHz (601 pts)	CF Step 400.000 kHz <u>Auto</u> Man
1     N     1       2     3     4       3     4     4       5     5     5       6     4     4       7     4     4       8     4     4       9     4     4		2 000 GHz	-7.994 dE			1.040 MHz		6.052 dB	Freq Offset 0 Hz
11 <			III						
MSG						STATUS	3		



#### 2.2 TM1\_Ch19\_M





#### 2.3 TM1\_Ch39\_H





# Appendix E: Maximum Power Spectral Density Level

Test Mode	Test Channel	Frequency[MHz]	Duty Cycle [%]	PD[MHz]	Verdict
TM1 _Ch0	L	2402	61	-8.17	pass
TM1 _Ch19	М	2440	61	-9.38	pass
TM1 _Ch39	Н	2480	61	-8.58	pass



#### 2.1 TM1\_Ch0\_L





#### 2.2 TM1\_Ch19\_M





#### 2.3 TM1\_Ch39\_H





# Appendix F: Band Edges Compliance

Test Mode	Test Channel	Frequency[MHz]	Carrier Power[dBm]	Max.Spurious Level[dBm]	Verdict
TM1_Ch0	L	2402	5.42	-49.01	pass
TM1_Ch39	Н	2480	5.13	-51.86	pass

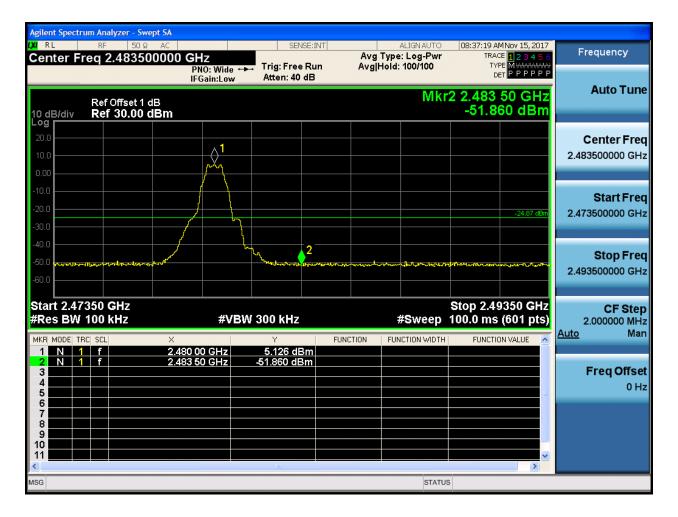


#### 2.1 TM1\_Ch0\_L

	um Analyzer - Swept							
Center Fi	RF 50 Ω A req 2.3925000		SENSE:INT	Avg Ty	ALIGN AUTO pe: Log-Pwr	TRAC	1Nov 15, 2017 E 1 2 3 4 5 6	Frequency
	Ref Offset 1 dB	PNO: Wide ← IFGain:Low	Trig: Free Run Atten: 40 dB	Avg Ho	ld: 10/10 Mkr	DE 2 2.400	OO GHz	Auto Tune
10 dB/div	Ref 30.00 dB	m				-49.01	l4 dBm	
20.0 10.0 0.00						1 1		Center Freq 2.392500000 GHz
-10.0 -20.0 -30.0							-24.58 dBm	Start Freq 2.380000000 GHz
-40.0 -50.0	Jan State	on put any aproper threat and	Worthman	Juli-latural University	) مىلىكىمەسىمەسىرىسى	2		<b>Stop Freq</b> 2.405000000 GHz
Start 2.38 #Res BW	100 kHz		W 300 kHz		#Sweep		(601 pts)	CF Step 2.500000 MHz Auto Man
MKR MODE TF		× 2.402 00 GHz	۲ 5.422 dBm	FUNCTION F	UNCTION WIDTH	FUNCTIO	N VALUE	
2 N 1 3 4 5 6	f	2.400 00 GHz	-49.014 dBm					<b>Freq Offset</b> 0 Hz
7 8 9 10 11								
<								
MSG					STATUS	3		



#### 2.2 TM1\_Ch39\_H





### 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	5.48	<limit< td=""><td>pass</td></limit<>	pass
TM1_Ch19	М	2440	4.62	<limit< td=""><td>pass</td></limit<>	pass
TM1_Ch39	Н	2480	5.13	<limit< td=""><td>pass</td></limit<>	pass



#### 2.1 TM1\_Ch0\_L

Pref:

Agilent Spectrum Analyzer - Swept SA					
RL RF 50 Ω AC Center Freq 2.40200000		E:INT A Avg Type:		08:13:56 AMNov 15, 2017 TRACE 1 2 3 4 5 6	Frequency
	PNO: Wide Trig: Free IFGain:Low Atten: 30 c	Run Avg Hold>		TRACE 123456 TYPE MWWWW DET PPPPP	
Ref Offset 1 dB 10 dB/div Ref 20.00 dBm Log			Mkr1 2.	401 993 GHz 5.481 dBm	Auto Tune
10.0		1			Center Freq 2.402000000 GHz
-10.0					<b>Start Freq</b> 2.400000000 GHz
-20.0			$\sim$		<b>Stop Freq</b> 2.404000000 GHz
-40.0				Mar Jun Marth Contraction	<b>CF Step</b> 400.000 kHz <u>Auto</u> Man
-60.0				- ur	<b>Freq Offset</b> 0 Hz
-70.0 Start 2.400000 GHz #Res BW 100 kHz	#VBW 300 kHz		Sto Sweep 2.0	p 2.404000 GHz 000 ms (601 pts)	
MSG			STATUS		



Puw:

Agilent Spectr	um Analyzer - Swept S/						
X/RL	RF 50 Ω 🧘 DC		SENSE:INT		ALIGN AUTO : Log-Pwr	08:14:11 AMNov 15, 2017 TRACE 123456	Frequency
Center Fi	req 79.500 kHz	PNO: Close	Trig: Free Run #Atten: 26 dB	Avg Type Avg Hold:			
10 dB/div	Ref Offset 1 dB Ref 0.00 dBm				N	lkr1 16.520 kHz -72.504 dBm	Auto Tune
-09							Center Freq 79.500 kHz
30.0							Start Fred 9.000 kH:
40.0 50.0						-44.52 dBm	<b>Stop Fred</b> 150.000 kH:
60.0 70.0	1						CF Stej 14.100 kH <u>Auto</u> Ma
80.0 V		M Mannall	. Mr. J. c. m	han we	- П <b>ал</b> Л		Freq Offse 0 H
90.0 Start 9.00 #Res BW	kHz	#VBW 3		<u>v j</u> ynawy in		top 150.00 kHz 34.8 ms (601 pts)	
SG DW		" <b>*</b> BW 5			_	DC Coupled	



	BW 10			#VBW	30 kH	z		Sweep 2		3001 pts)	
∟ Start 1	150 kHz	 :							Stop 3	0.00 MHz	
70.0											
70.0	han ha	ini tinini ti	hind so the state	duran da	Augusta	happyment	an a	enertheliesheller	and the state of the		0 Hz
·60.0											Freq Offset
-50.0											
-40.0					.1						2.985000 MHz Auto Mar
										-34.52 dBm	CF Step
-30.0											30.000000 MH
20.0											Stop Free
·10.0											150.000 KH
											Start Fred 150.000 kH
0.00											
10.0											15.075000 MHz
<sup>-og</sup>											Center Fred
I0 dB/d	Re liv <b>R</b> e	ef Offset 1 o ef 20.00 o	dB d <b>Bm</b>					MI	kr1 13.5 -50.8	63 MHz 72 dBm	Auto Tune
				PNO: Wide 🖵 FGain:Low		Free Run n: 40 dB	Avg Hold		DE	E M <del>WWWWWW</del> T P P P P P P	Auto Tun
a <sup>r RL</sup> Cente		⊧ ∣50Ω 15.0750	<u>∧</u> □⊂   000 MHz	2		SENSE:INT	Avg Type	ALIGNAUTO e: Log-Pwr	TRAC	4Nov 15, 2017 E <mark>1 2 3 4 5</mark> 6	Frequency
. D.I.			ept SA			OF NOT AN IT			00.14.00.41	111 15 0013	



Agilent Spectr	r <mark>um Analyzer - Sw</mark> RF 50 Ω	ept SA AC		CEA	ISE:INT		ALIGN AUTO	09:14:52 AM	Nov 15, 2017	
	req 1.16500	00000 GI	HZ PNO: Fast G		Run		: Log-Pwr	TRACE	123456 MWWWWW PPPPPP	Frequency
10 dB/div Log	Ref Offset 1 ( <b>Ref 20.00</b> (	dB d <b>Bm</b>					Mkr	1 2.276 -48.79	45 GHz 94 dBm	Auto Tune
10.0										Center Fred 1.165000000 GHz
.10.0										Start Free 30.000000 MHz
-20.0									-24.52 dBm	<b>Stop Fred</b> 2.300000000 GH;
40.0										<b>CF Step</b> 227.000000 MH <u>Auto</u> Mar
50.0 (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angeldig) (Angel	Lifebrand for the test solution of the solutio	ti da da di ka bi ta sa Anglina da pangana ta sa tu		line of the theory of the state	n dia mandri kalèna kanangan Kanggan di kanangan kanggan	an da kira kan kaka sa sa kira sa sa kira sa		enden fot en fot fot fotos i f	g in party in space and the state of the space of the state of the sta	Freq Offse 0 H
-70.0	л <u>ы</u> 2							Stop 2	300 GHz	
#Res BW			#VBW	300 kHz			Sweep 2	17.1 ms (8		
ISG							STATUS			



Center Fre									°g
2.350000000 GH									10.0
<b>Start Fre</b> 2.300000000 GH									10.0
<b>Stop Fre</b> 2.400000000 GH	-24.52 dBm								20.0
<b>CF Ste</b> 10.000000 MH <u>Auto</u> Ma									
<b>Freq Offse</b> 0 H	hou-ouchildenfrond-northyper	464471494949474714714944444	ulp-fa <sub>b</sub> ra,JUs-apa <sub>nd</sub> a	kydefinglest Myderet Myd	╈┓ <sub>┲</sub> ┪┿	htten, Jahr Hull agar han	allowingryllowingry	18. Gyndadwrain gryfa	<b>₩₩₩₽</b> ₽\
_									70.0



ISG							STATUS			
Start 2.48 ¢Res BW	3500 GHz 100 kHz		#VBW	300 kHz				Stop 2.500 1.600 ms	0000 GHz (601 pts)	
70.0										
60.0										Freq Offse 0 H
50.0 <b> </b> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Program of proper	ᢆᡟ᠕ᡢ᠕ᡢᡳᡘᡁᢪᠬ	W. Manghangha and	արտուսու	ᡅᢆᠢ᠕ᡢᡧ	ᢇ᠕᠕᠕᠆ᠬ		᠕ᡃᡳ᠉ᢛᢔᡅᢦᠬ	manula	
50.0					1					1.650000 MH <u>Auto</u> Ma
40.0										CF Ste
30.0										2.500000000 GH
20.0									-24.52 dBm	Stop Free
10.0										Start Free 2.483500000 GH
0.00										
10.0										2.491750000 GH
.~9										Center Fre
0 dB/div	Ref Offset 1 Ref 20.00								66 dBm	
			IFGain:Low	#Atten: 40	) dB		Mkr4.2	.491 69		Auto Tun
Center F	req 2.4917		SHZ PNO: Wide 🔾			Avg Type Avg Hold:	: Log-Pwr >200/200	TRAC TYP	E 1 2 3 4 5 6 E M WWWWW	Frequency
RL	RF 50 9	Ω AC		SEN	VSE:INT		ALIGN AUTO	08:15:11 AM	4Nov 15, 2017	







#### 2.2 TM1\_Ch19\_M

Pref:





Puw:

Center Freq 79.500 kHz   PN0: Close   Trig: Free Run   Avg Type: Log-Pwr Avg]Hold>50/50   TRACE   D 28.45   Auto Tune     Ref Offset 1 dB   Mkr1 16.755 kHz   -71.661 dBm   -71.661 dBm   -79.500 kHz	MSG					STATUS	DC Coup	led		
Center Freq 79.500 kHz     PNO: Close     Trig: Free Run #Atten: 28 dB     Avg Type: Leg.Pwr Avg Hold>50/50     Tract: D2 as 5 (D + P + P + P + P)     Frequency       0 dB/div     Ref Offset 1 dB     Mkr1 16.755 kHz -71.661 dBm     Auto Tune       0 dB/div     Ref 0.00 dBm     -71.661 dBm     -71.661 dBm     Center Freq 79.500 kHz     Start Freq 9.000 kHz     Start Freq 9.000 kHz     Start Freq 9.000 kHz     Start Freq 150.000 kHz     Start Freq 9.000 kHz     Start Freq 9.000 kHz     Start Freq 9.000 kHz     Stop Freq 150.000 kHz     Stop Freq 14.100 kHz     Stop F			#VBW 3.0	kHz		Sweep	Stop 150	.00 kHz 601 pts)		
Center Freq 79.500 kHz   Avg Type: Log-Pwr Avg]Hold>50/50   TRACE (12.24.5.6)   I2.24.5.6   Frequency     Ref Offset 1 dB 0 dB/div   Ref 0.00 dBm   Mkr1 16.755 kHz -71.661 dBm   Auto Tune     .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00										
Center Freq 79.500 kHz   Avg Type: Log-Pwr Avg Type: Log-Pwr Avg Type: Log-Pwr Trig: Free Run #Atten: 26 dB   Avg Type: Log-Pwr Avg Type: Log-Pwr Tree Run Avg Type: Log-Pwr Tree Run Avg Type: Log-Pwr Tree Run Tree Run Avg Type: Log-Pwr Tree Run Tree Run Avg Type: Log-Pwr Tree Run Tree Run Tree Run Tree Run Tree Run Tree Run Avg Type: Log-Pwr Tree Run Tree Ru	-80.0 400	www.halland	mal they have along on	ᡨᠬᢍᡊᠲᢇᠧᠺᡧᠺ᠊ᠺᢦᠲᢧᢆᡬᡅ	ነሳጌ _ <sub>ቤ ብ -</sub> ል ሲ	n no-et o A		0		0 Hz
Center Freq 79.500 kHz   Avg Type: Log-Pwr Avg Hold>50/50   TRACE   2.3 4 5 c TYPE   Mutual Net of PP PP PP PP TRACE   2.3 4 5 c TYPE   Mutual Net of PP PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP PP Provide   2.3 4 5 c TYPE   Mutual Net of PP PP Provide   2.3 4 5 c Type   2.3 4 5 c T	Ń								Fr	rea Offset
Center Freq 79.500 kHz   Avg Type: Log-Pwr AvgIHold>50/50   Trace 123456 Type: Log-Pwr Det PPPPP   Frequency     Ref Offset 1 dB 10 dB/div   Mkr1 16.755 kHz Ref 0.00 dBm   Auto Tune     -09   -71.661 dBm     -09   -71.661 dBm     -00   -71.661 dBm     -00   -71.661 dBm     -00   -71.661 dBm     -01   -71.661 dBm     -02   -71.661 dBm     -03   -71.661 dBm     -04.0   -71.661 dBm     -05   -71.661 dBm     -06   -71.661 dBm     -07   -71.661 dBm     -08   -71.661 dBm     -09   -10.0     -10.0   -10.0     -20.0   -10.0     -20.0   -10.0     -20.0   -10.0     -20.0   -10.0     -20.0   -10.0     -20.0   -10.0     -20.0   -10.0     -20.0   -10.0     -20.0   -10.0     -20.0   -10.0     -20.0   -10.0     -20.0   -10.0     -20.0	-60.0	1								CF Step 14.100 kHz Man
Center Freq 79.500 kHz   Avg Type: Log-Pwr Avg Hold:>50/50   TRACE 2345 0 Der PPPP   Frequency     Ref Offset 1 dB 10 dB/div   Mkr1 16.755 kHz -71.661 dBm   Auto Tune     .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00	-50.0								1	50.000 KHZ
Center Freq 79.500 kHz   Avg Type: Log-Pwr Avg Hold:>50/50   TRACE 2345 0 TYPE MAY Avg Hold:>50/50   Frequency     Ref Offset 1 dB 10 dB/div   Mkr1 16.755 kHz Ref 0.00 dBm   Auto Tune     -00   -71.661 dBm   Center Freq 79.500 kHz     -20.0   -00 dBm   -71.661 dBm	-40.0							-45.39 dBm		
Center Freq 79.500 kHz   Avg Type: Log-Pwr Avg Hold:>50/50   TRACE 1 23 45 6 TYPE MWWWWW Det P P P P P   Frequency     Ref Offset 1 dB 10 dB/div   Ref 0.00 dBm   Mkr1 16.755 kHz -71.661 dBm   Auto Tune     -09   -09   -71.661 dBm   Center Freq 79.500 kHz     -20.0   -00   -00   -00   -00	-30.0									9.000 kHz
Center Freq 79.500 kHz   Avg Type: Log-Pwr Avg Hold:>50/50   TRACE 1.2345 6 TYPE MWWWWWW Det P P P P P P Det P P P P P P P P P P P P P P P P P P P	-20.0									Start Fred
Center Freq 79.500 kHz   Avg Type: Log-Pwr Avg Hold>50/50   TRACE 1.23456 TYPE MWWWWW Det P P P P P Det P P P P P   Frequency     Ref Offset 1 dB Ref 0.00 dBm   Mkr1 16.755 kHz -71.661 dBm   Auto Tune	-10.0									-
Center Freq 79.500 kHz Avg Type: Log-Pwr TRACE 1 2 3 4 5 6 Frequency   PN0: Close Trig: Free Run Avg Hold:>50/50 TVPE MAXWAW   IFGain:Low #Atten: 26 dB DET P P P P P	10 dB/div	Ref Offset 1 dB Ref 0.00 dBm				IVI	16.75 -71.66	55 kHz 1 dBm	_	
	Genter T	req 73.300 km	PNO: Close 😱 Tri			-50/50	TYPE DET	M <del>WWWWW</del> PPPPP PPPPP	L	uto Tune
	X/RL			SENSE:INT					Free	quency



MSG							_	DC Cou		
Start 150 #Res BW			#VBW	30 kHz			Sweep 2	Stop 30 85.4 ms (3	).00 MHz 3001 pts)	
-70.0	ndilipalitan yanda kun	in the state			ny wyputyty	and Adapted to	y ding his market		ngadarah distriktionak	0 Hz
.60.0										Freq Offse
-50.0										<u>Auto</u> Mar
-40.0										CF Step 2.985000 MHz
-30.0									-35.39 dBm	30.000000 MHz
-20.0										Stop Free 30.000000 MH;
10.0										150.000 kHz
0.00										Start Fred
10.0										15.075000 MH:
										Center Fred
10 dB/div	Ref Offset 1 d <b>Ref 20.00 d</b>						MI	(r1 13.5) -50.9	63 MHz 56 dBm	Auto Tune
Senter F	1eq 15.0750	PN	IO: Wide 🖵 Gain:Low	Trig: Fre #Atten: 4		Avg Hold:	>50/50	TYP DE	E MWWWWW T P P P P P P	Auto Tune
XIRL	RF   50 ຊ ⁄ req 15.0750			SEI	NSE:INT		ALIGNAUTO :: Log-Pwr		Nov 15, 2017	Frequency
	rum Analyzer - Swe									



	um Analyzer - Swe									
Center F	RF   50 Ω req 1.16500	ac   10000 GI	-lz		ISE:INT	Avg Type	ALIGNAUTO	TRAC	1Nov 15, 2017 <b>1 2 3 4 5 6</b> E M WWWWWW	Frequency
		F	NO: Fast 🖵 Gain:Low	Trig: Free #Atten: 40		Avg Hold:		DE	ТРРРРР	Auto Turo
10 dB/div Log	Ref Offset 1 d Ref 20.00 d	IB <b>IB</b> m					Mkr	1 2.116 -48.60	41 GHz 04 dBm	Auto Tune
10.0										Center Freq 1.165000000 GHz
-10.0										Start Freq 30.000000 MHz
-20.0									-25.39 dBm	<b>Stop Freq</b> 2.300000000 GHz
-40.0										<b>CF Step</b> 227.000000 MHz <u>Auto</u> Man
-60.0	te et per den strat de personale personale generation de personale de sectores de generation de personale de sectores de generation de sectores de generation de sectores de generation de	(laiku dhe es ta liftin Gadha ta dhala an ta b	, stille bile stille stille stille stille stille stille bile stille stille stille stille stille stille stille s	n an	n y het en de ten de ten de ten Netering y de ten production Netering y de ten production	ay gil pani kan tan baharan Attai sa sa guna ya sa sa ƙa		an da di sedi ya di sedi sedi sedi sedi Yang ya sedi da da ya sa di sedi	a pala pata pata s	<b>Freq Offset</b> 0 Hz
-70.0										
Start 30 N #Res BW			#VBW	300 kHz			Sweep 2	Stop 2. 17.1 ms (3	300 GHz 3001 pts)	
MSG							STATUS	3		



Agilent Spectr	um Analyzer - Swep									
XIRL	RF 50 Ω		1_	SEN	ISE:INT		ALIGNAUTO		4Nov 15, 2017	Frequency
Center F	req 2.35000	P	1Z NO: Fast 😱 Gain:Low	Trig: Free #Atten: 40		Avg Hold:		TYP	E MWWWWW T P P P P P P	
10 dB/div Log	Ref Offset 1 dE Ref 20.00 di						Μ	kr1 2.392 -48.7	2 0 GHz 50 dBm	Auto Tune
10.0										Center Freq 2.350000000 GHz
-10.0										Start Freq 2.300000000 GHz
-20.0									-25.39 dBm	<b>Stop Freq</b> 2.400000000 GHz
-40.0		البراني مديني ا	Mar II. Bao Baudi a	rathack, in side	u - B A Brown h	معارطين الدير مرم	. I Billi Anno 1	within the second state	1	CF Step 10.000000 MHz <u>Auto</u> Mar
-60.0	an dha un a anna anta	and the control	a nana (in mana in aina in ain	14 a - 6 at 20 at 10	hour des alles .	in alle Közde ve Az	1 <b>1</b> 111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Freq Offse 0 Hz
-70.0										
Start 2.30 #Res BW	000 GHz 100 kHz		#VBW	300 kHz			Sweep	Stop 2.40 9.600 ms (		
/ISG							STATI	JS		



	um Analyzer - Swe									
X/RL	RF   50 Ω req 2.49175		Hz	SEN	ISE:INT		ALIGNAUTO	TRAC	1Nov 15, 2017	Frequency
Senter	leq 2.43 173		PNO: Wide 😱 IFGain:Low	Trig: Free #Atten: 40		Avg Hold:		TYP		
10 dB/div	Ref Offset 1 dB     Mkr1 2.495 517 5 GHz       Ref 20.00 dBm     -50.058 dBm								Auto Tune	
10.0										<b>Center Fred</b> 2.491750000 GH2
0.00										<b>Start Free</b> 2.483500000 GH
20.0									-25.39 dBm	<b>Stop Fre</b> 2.500000000 GH
40.0							↓ <sup>1</sup>			<b>CF Stej</b> 1.650000 MH <u>Auto</u> Ma
ооо <b>мүччч</b>	ᠱᠰᡊᠠᢆᡀᡧᡳᡗᡃᢆᡐᢇᡢᡃᢆᡀᡡ	and north	ҶѼ┿┵┑╲┸╘┷╢╱┥╌╻┵╴╲┍	ᡃᡁᠬᢦᡊ᠊ᡳᠺ᠋᠋ᡁᡅᢇ	J <sup>ralen</sup> mir <sup>di</sup> uma	www.mw.illi	hendel for the second s		an waldandyal	Freq Offse 0 H
	3500 GHz							Stop 2.500	0000 GHz	
Res BW			#VBW	300 kHz			Sweep	1.600 ms	(601 pts)	
SG	STATUS									



	rum Analyzer - Sw									
XIRL	RF 50 Ω req 14.5000			SEN	ISE:INT		ALIGN AUTO		MNov 15, 2017	Frequency
Center F	req 14.5000	P	NO: Fast 🖵 Gain:Low	Trig: Free #Atten: 40		Avg Hold:		TYF		
10 dB/div	Ref Offset 1 dB     Mkr1 25.360 GHz       Ref 20.00 dBm     -37.998 dBm								Auto Tune	
10.0										Center Freq 14.500000000 GHz
-10.0										<b>Start Freq</b> 2.500000000 GHz
-20.0									-25.39 dBm	<b>Stop Freq</b> 26.50000000 GHz
-40.0	kernel et en la De se de <mark>bel</mark> de se la blede				a la dia dia dia dia dia dia dia dia dia di	, televito pine pole			1 Roger Marine	<b>CF Step</b> 2.400000000 GHz <u>Auto</u> Man
-60.0			a a fair	a mead ( a <sub>d</sub> uith ann a						<b>Freq Offset</b> 0 Hz
-70.0							~	Eton 2	6 50 CH-	
start 2.50 #Res BW			#VBW	300 kHz			Sweep	2.294 s (	6.50 GHz 8001 pts)	
MSG							STATUS	3		



#### 2.3 TM1\_Ch39\_H

Pref:





Puw:

ISG							STATUS	DC Cou	inled		
Start 9.00 #Res BW	tHz 1.0 kHz		#VBW	3.0 kHz			Sweep		50.00 kHz (601 pts)		
90.0		• (/	* "wywy l/"	ᡙᡘᠬ᠕ᢩᠰ	ᢣᡊ᠋ᠴᢛᡗᠧᡒᡗᡃᡘ	ᡊᡀᡢᡀᡘ	ĸ~Ŷ <sub>ŀ</sub> ĨĸĸĸĸŸ	WWWWWWW	ᡁᡐᡀᡘ᠇᠕		
80.0 <mark>11111</mark>		winh lyn									0 Hz
L ΩΩ											Freq Offse
70.0	,1									<u>Auto</u>	Mar
60.0											CF Step 14.100 kHz
50.0											
									-44.87 dBm		150.000 kH
10.0											Stop Free
30.0											9.000 kH
20.0											Start Free
10.0											79.500 kH:
											<b>.</b>
0 dB/div	Ref Offset 1 d <b>Ref 0.00 dB</b>						N	:.lkr1 16 71.4	520 kHz 45 dBm		Auto Tuli
			IO: Close 🖵 Gain:Low	Trig: Free #Atten: 26		Avg Hold:		D			Auto Tun
	req 79.500 k	<b>KHz</b>				Avg Type	: Log-Pwr	TRAG	CE 123456 PE MWWWWW	F	requency
RL	r <mark>um Analyzer - Swe</mark> RF 50 Ω <b>/</b>			CEN	VSE:INT		ALIGN AUTO	00:25:22 A	MNov 15, 2017	_	



	trum Analyzer - Sw							00.05.41.11	Mar 15 0017	
X/ RL Center	 RF   50 Ω Freq 15.0750	<u>∧</u> ⊡⊂   000 MHz		S	ENSE:INT		ALIGNAUTO :: Log-Pwr	TRAC	4Nov 15, 2017 E 1 2 3 4 5 6	Frequency
Donton		Р	NO: Wide 🖵 Gain:Low	Trig: Fre #Atten:		Avg Hold:	>50/50	TYP	E M WWWWWW	
10 dB/div Log	Ref Offset 1 o <b>Ref 20.00</b> o	dB d <b>Bm</b>					MI	(r1 13.5 -50.7(	63 MHz 00 dBm	Auto Tune
										Center Free
10.0										15.075000 MHz
0.00										Start Fred
10.0										150.000 kHz
20.0										Stop Free
30.0										30.000000 MH
									-34.87 dBm	
40.0				<b>1</b>						<b>CF Stej</b> 2.985000 MH <u>Auto</u> Ma
50.0				<b>`</b>						
60.0										Freq Offse
.70.0	hingipatin papelation ( philait	and the second second			a sha fi sha	k, h.B. a hide year			na Milana Milana	0 H:
10.0										
Start 150	0 kHz √ 10 kHz		#VBW	30 kHz			Sweep 2		0.00 MHz 3001 pts)	
SG			<i>"</i> ••Вн	o o niliz			_	DC Cou		



	um Analyzer - Sw									
Center F	⊮   50 വ req 1.1650(				ISE:INT	Avg Type	ALIGNAUTO	TRAC	4Nov 15, 2017 E <mark>1 2 3 4 5 6</mark>	Frequency
			NO: Fast 🖵 Gain:Low	Trig: Free #Atten: 40		Avg Hold:	>50/50	DE		
10 dB/div Log	Ref Offset 1 o <b>Ref 20.00</b> o	dB d <b>Bm</b>					Mkr		96 GHz 93 dBm	Auto Tune
10.0										Center Freq 1.165000000 GHz
-10.0										Start Freq 30.000000 MHz
-20.0									-24.87 dBm	<b>Stop Freq</b> 2.300000000 GHz
-40.0									<b>1</b>	CF Step 227.000000 MHz <u>Auto</u> Man
-60.0	an galan an a	d dan ban da yan sa ba bi Yang bayan sa guyan ba di	a an	a Mandala Ang a	a konstituenten finden angen er senten er senten er senten angen er senten er senten er senten er senten er senten er senten er senten angen er senten er s		n an tha factor a facilitation and a factor and a f	n film for a stand of south of the stand of south of the stand of south of the stand of the stan	na si kana na katalan Mana katalan	<b>Freq Offset</b> 0 Hz
-70.0										
Start 30 N #Res BW			#VBW	300 kHz		4	Sweep 2		.300 GHz 8001 pts)	
MSG							STATUS			



Agilent Spect	rum Analyzer - Swept SA								
XIRL	RF 50 Ω AC		SEN	ISE:INT		ALIGNAUTO : Log-Pwr		Nov 15, 2017	Frequency
Center P	1eq 2.3500000	PNO: Fast IFGain:Low	Trig: Free #Atten: 40		Avg Hold:		TYP	PPPPP PPPPP	
10 dB/div Log	Ref Offset 1 dB Ref 20.00 dBm	1				M	kr1 2.376 -49.39	8 GHz 9 dBm	Auto Tune
10.0									Center Freq 2.350000000 GHz
-10.0									Start Freq 2.300000000 GHz
-20.0								-24.87 dBm	<b>Stop Freq</b> 2.400000000 GHz
-40.0						<b>∮</b> 1			<b>CF Step</b> 10.000000 MHz <u>Auto</u> Man
-60.0	vialities and a second s	alv/fe/ac/henshiv/fi/r-fillerik	-Mart - Armanda Mad	~~ <sup>4</sup> \~~^1/`643 <sup>*</sup> ~**}*	had the all of the all the	la Anni (201) Hadi	╬ <sub>╋╋</sub> ╍╬┺╏ <sub>┲</sub> ╍┠╍╔╾╏╼╖╓┥	deport the second s	<b>Freq Offset</b> 0 Hz
-70.0 Start 2.30							Stop 2.40		
#Res BW	100 kHz	#VBW	300 kHz			Sweep 9	9.600 ms (′		
MSG						STATU	s		



URL	r <mark>um Analyzer - Swe</mark> RF 50 Ω			SEN	ISE:INT		ALIGN AUTO	08:36:23 AN	4Nov 15, 2017	
Center F	req 2.49175	0000 GH	<b>1z</b> 10: Wide ⊂ <b>↓</b> Gain:Low	<b>.</b>	Run		: Log-Pwr	TRAC	E 123456 E M WWWWWW T P P P P P P	Frequency
0 dB/div	Ref Offset 1 d Ref 20.00 d						Mkr1 2	.499 835 -48.6	5 0 GHz 18 dBm	Auto Tune
10.0										<b>Center Fre</b> 2.491750000 GH
10.0										<b>Start Fre</b> 2.483500000 GH
30.0									-24.87 dBm	<b>Stop Fre</b> 2.500000000 GH
40.0	over The With Bary Contraction	በ ግልጉ ሲኖ	har and		ծութ մինդ Ա		D	м <sup>1</sup> т. Ал., А. Л. «	N- Martinelly	CF Ste 1.650000 MH <u>Auto</u> Ma
60.0 <b></b>	ар ра т с (р ронос					<sup>•</sup> 41₽ <sup>−</sup> 6σ β⊮		0 () 4 <b>[</b> [10] () () ()		Freq Offse 0 H
Start 2.48	83500 GHz / 100 kHz		#\/B\\/	300 kHz				Stop 2.500 1.600 ms		







## Appendix H: Radiated Spurious Emission & Spurious in Restricted

### Band

Note: We tested all modes, but the data presented below is the worst case.

Below 1GHz, RBW = 100 kHz, VBW = 300 kHz.

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz.

The simultaneous transmission has been considered

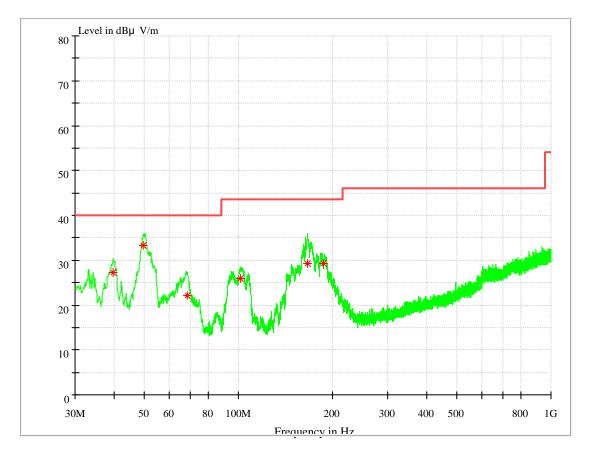


#### 1.1 Part 1: Testing Range of "9 kHz to 30MHz"

NOTE1: No peak found in the Test Range of "9 kHz to 30MHz"

#### 1.2 Part 2: Testing Range of "30 MHz to 1 GHz"

- Note 1: The test results and plot for testing range of "30 MHz to 1 GHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



Frequency	Level	Limit	Margin	Height	Pol	Azimuth	Transd.
(MHz)	(dBµ V/m)	(dBµ V/m)	(dB)	(cm)		(deg)	(dB)
39.7463	27.35	40.00	12.65	100.0	V	322.0	15.1
49.6921	33.38	40.00	6.62	100.0	V	-6.0	15.4
68.5012	22.1	40.00	17.9	106.0	V	0.0	11.2
101.6375	26.02	43.50	17.48	106.0	V	3.0	13.7
166.8968	29.19	43.50	14.31	100.0	V	251.0	10.9
186.6088	29.19	43.50	14.31	100.0	V	312.0	12.4



Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain) The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

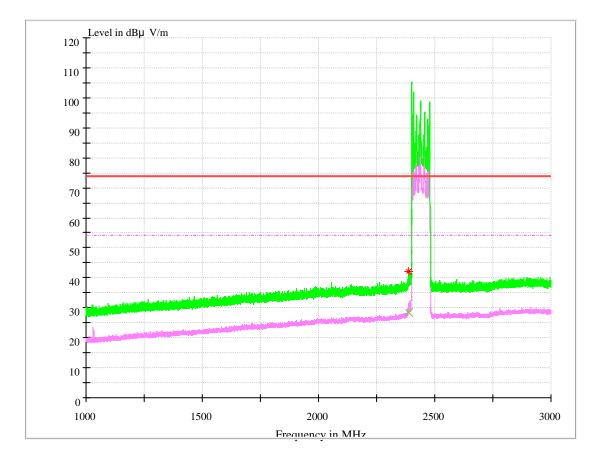
#### 1.3 Part 3: Testing Range of "1GHz to 3GHz"

- Note 1: The testing range of "1GHz to 3 GHz" is for checking radiated emissions located in restricted bands near the EUT operating bands.
- Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74  $dB\mu V/m$ ) and Average Limit (54  $dB\mu V/m$ ).

Note 3: The peak spike exceeds the limit line is EUT's operating frequency. Test Mode:

#### 1.3.1Test Mode: TM1

#### 1.3.1.1 Channel 0





#### MEASUREMENT RESULT: AV Detector

Frequency	Level	Limit	Margin	Height	Pol	Azimut	Transd.
(MHz)	(dBµ V/m)	(dBµ V/m)	(dB)	(cm)		h	(dB)
2390	28.55	54.00	25.45	150.0	Н	45.0	-8.6

MEASUREMENT RESULT: PK Detector

Frequency	Level	Limit	Margin	Height	Pol	Azimut	Transd.
(MHz)	(dBµ V/m)	(dBµ V/m)	(dB)	(cm)		h (deg)	(dB)
2390	42.15	74.00	31.85	150.0	Н	106.0	-8.6

Note:

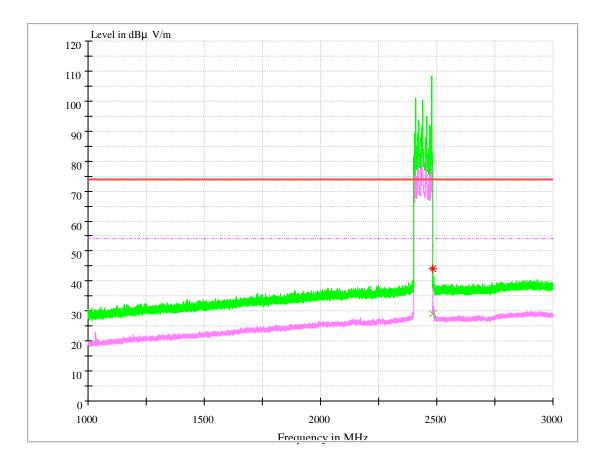
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level



#### 1.3.1.2 Channel 39



#### MEASUREMENT RESULT: AV Detector

Frequency	Level	Limit	Margin	Height	Pol	Azimut	Transd.
(MHz)	(dBµ V/m)	(dBµ V/m)	(dB)	(cm)		h(deg)	(dB)
2483.5	29.12	54.00	24.88	150.0	Н	57.0	-6.8

MEASUREMENT RESULT: PK Detector

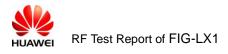
Frequency	Level	Limit	Margin	Height	Pol	Azimut	Transd.
(MHz)	(dBµ V/m)	(dBµ V/m)	(dB)	(cm)		h (deg)	(dB)
2483.5	44.13	74.00	29.87	150.0	Н	187.0	-6.8

Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

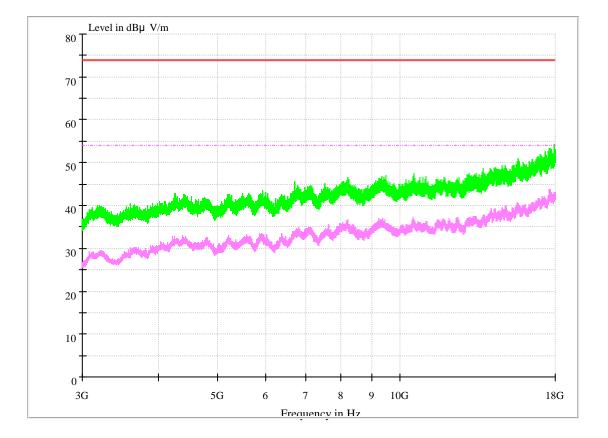
The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level



#### 1.4 Part 4: Testing Range of "3 GHz to 18 GHz"

- Note 1: The test results and plot for testing range of "3 GHz to 18 GHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of "3 GHz to 18 GHz" is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.
- Note 3: Two limits are required in the testing range above 3 GHz, that is Peak limit (74  $dB\mu V/m$ ) and Average Limit (54  $dB\mu V/m$ ).



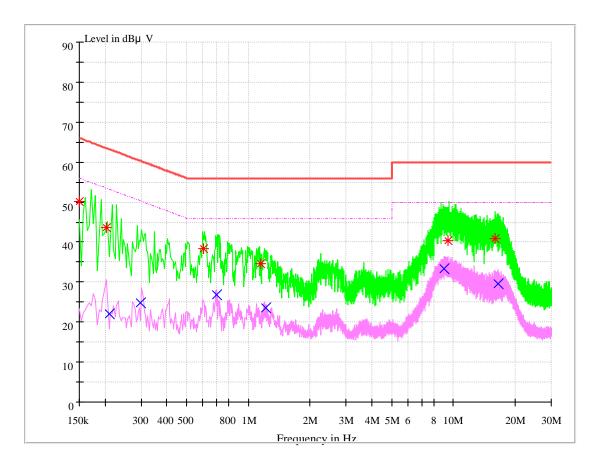
#### 1.5 Part 5: Testing Range of "18 GHz to 26.5 GHz"

NOTE: No peak found in the Test Range of "18 GHz to 26.5GHz"



## Appendix I: Conducted Emission at Power Port

Note: RBW =9 kHz, VBW = 30 kHz



# Channel 39

#### **MEASUREMENT RESULT: AV Detector**

Frequency (MHz)	Level (dBµ V)	Limit (dBµ V)	Transd. (dB)	Margin (dB)	Line	PE
0.21108	22.02	53.17	9.7	31.15	Ν	FLO
0.299538	24.85	50.26	9.7	25.41	Ν	FLO
0.696548	26.73	46	9.7	19.27	N	FLO
1.22056	23.57	46	9.7	22.43	Ν	FLO
9.022694	33.45	50	9.9	16.55	N	FLO
16.436961	29.67	50	10.1	20.33	Ν	FLO

Frequency (MHz)	Level (dBµ V)	Limit (dBµ V)	Transd. (dB)	Margin (dB)	Line	PE
0.150253	50.05	65.99	9.7	15.94	Ν	FLO
0.204103	43.57	63.44	9.7	19.87	Ν	FLO
0.607252	38.46	56	9.7	17.54	Ν	FLO
1.143238	34.53	56	9.7	21.47	Ν	FLO
9.457938	40.37	60	9.9	19.63	L1	FLO
15.98592	40.87	60	10.1	19.13	Ν	FLO

#### **MEASUREMENT RESULT: PK Detector**

Note:

1, Level =Reading level by receiver + Transd (Antenna factor + cable loss – preamplifier gain)

The reading level is calculated by software which is not shown in the sheet.

2, Margin=Limit - Level

END