

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



Part II - Test Plots

2.1 TM1_Ch0_L





2.2 TM1_Ch19_M

Center Freq 2.440000000	Trig: F	sense:int] ir Freq: 2.440000000 GHz Free Run Avg Hold: 1: 40 dB	ALIGNAUTO 03:29:58 PM Apr 09, 2 Radio Std: None 10/10 Radio Device: BTS	Frequency
Ref Offset 0.3 dE				
15.0 5.00		~~		Center Freq 2.440000000 GHz
-15.0		$ \rightarrow $	~	
45.0 45.0 55.0 65.0				V
Center 2.44 GHz #Res BW 100 kHz	#	VBW 300 kHz	Span 4 M Sweep 11	
Occupied Bandwid	th 0485 MHz	Total Power	12.9 dBm	Auto Man
Transmit Freq Error x dB Bandwidth	28.985 kHz 693.4 kHz	OBW Power x dB	99.00 % -6.00 dB	Freq Offset 0 Hz
150			STATUS	



2.3 TM1_Ch39_H

RL 8F 500 AC Center Freq 2.48000000	0 GHz Cente	SENSE INT Pr Freq: 2.480000000 GHz Free Run Avg Hold: 1: 40 dB	ALIGNAUTO 03:33:43 PM Apr (Radio Std: Non Radio Device: E	e Frequency
Ref Offset 0.3 d 10 dB/div Ref 25.00 dB	B m			
5 00		~~		Center Freq 2,480000000 GHz
150 25.0 35.0	~			
45.0 65.0 65.0				
Center 2.48 GHz #Res BW 100 kHz		VBW 300 kHz	Span 4 Sweep	MHz 1 ms CF Step 400.000 kHz
Occupied Bandwid	th .0473 MHz	Total Power	12.5 dBm	Auto Man Freq Offset
Transmit Freq Error x dB Bandwidth	29.344 kHz 692.6 kHz	OBW Power x dB	99.00 % -6.00 dB	0 Hz
sq			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.

Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Occupied Bandwidth [MHz]	Verdict
TM1 _Ch0	L	2402	1.03	pass
TM1 _Ch19	М	2440	1.03	pass
TM1 _Ch39	Н	2480	1.03	pass



Part II - Test Plots

2.1 TM1_Ch0_L





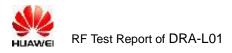
2.2 TM1_Ch19_M

Center Freq 2.440000000	Trig: F	SENSE INT) Ir Freq: 2.440000000 GHz Free Run Avg Hold 1: 40 dB	ALIGNAUTO 03:30:05 PM Apr 09, 20 Radio Std: None >10/10 Radio Device: BTS	18 Frequency
Ref Offset 0.3 dB 10 dB/div Ref 25.00 dBn				
15.0 5.00 .5.00	man	Ann		Center Freq 2.440000000 GHz
-15.0	m.	- July	, MI	
35.0 45.0 65.0	- V	V	manun	wa
Center 2.44 GHz #Res BW 20 kHz	#	VBW 62 kHz	Span 4 Mi Sweep 9.6 n	ns 400.000 kHz
Occupied Bandwidt 1.	_h 0307 MHz	Total Power	12.4 dBm	Auto Man
Transmit Freq Error x dB Bandwidth	36.481 kHz 1.246 MHz	OBW Power x dB	99.00 % -26.00 dB	Freq Offset 0 Hz
150			STATUS	



2.3 TM1_Ch39_H

RL RF 500 AC Center Freq 2.480000000	Trig: F	SENSE INT Freq: 2.480000000 GHz Free Run Avg Hold: 1: 40 dB	ALIGNAUTO 03:33:50 PM Apr 0 Radio Std: Non >10/10 Radio Device: E	e Frequency
Ref Offset 0.3 dB 10 dB/div Ref 25.00 dBr	n			
500 500		Mun		Center Freq 2,480000000 GHz
150 250 350	m	- The second sec	m	
45.0 65.0				ww.
Center 2.48 GHz #Res BW 20 kHz	#	VBW 62 kHz	Span 4 Sweep 9	
Occupied Bandwidt	_h 0304 MHz	Total Power	12.0 dBm	Auto Man Freq Offset
Transmit Freq Error x dB Bandwidth	36.483 kHz 1.244 MHz	OBW Power x dB	99.00 % -26.00 dB	0 Hz
SG			STATUS	



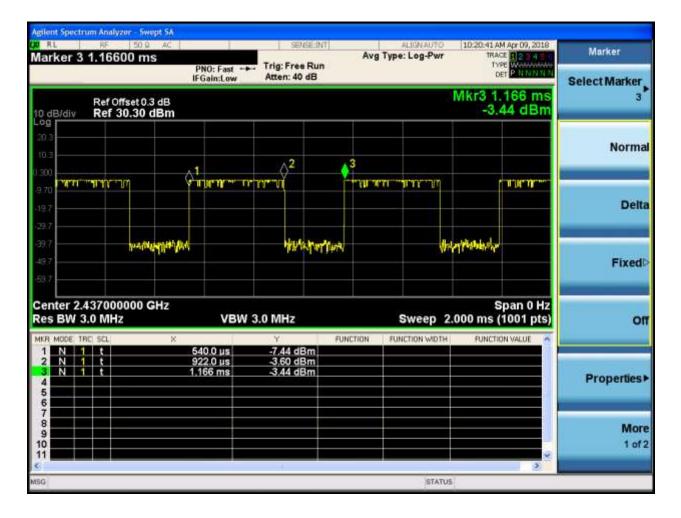
Appendix C: Duty Cycle

Part I - Test Results

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

Part II - Test Plots

2.1 TM1





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	61	5.94	pass
TM1 _Ch19	М	2440	61	6.19	pass
TM1 _Ch39	Н	2480	61	5.89	pass



Part II - Test Plots

2.1 TM1_Ch0_L





2.2 TM1_Ch19_M





2.3 TM1_Ch39_H



Appendix E: Maximum Power Spectral Density Level

Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Duty Cycle [%]	PSD[dBm/10 kHz]	Verdict
TM1 _Ch0	L	2402	61	-5.71	pass
TM1 _Ch19	М	2440	61	-4.86	pass
TM1 _Ch39	н	2480	61	-5.21	pass



Part II - Test Plots

2.1 TM1_Ch0_L





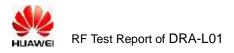
2.2 TM1_Ch19_M





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	5.35	-50.01	pass
TM1 _Ch39	Н	2480	5.27	-50.46	pass



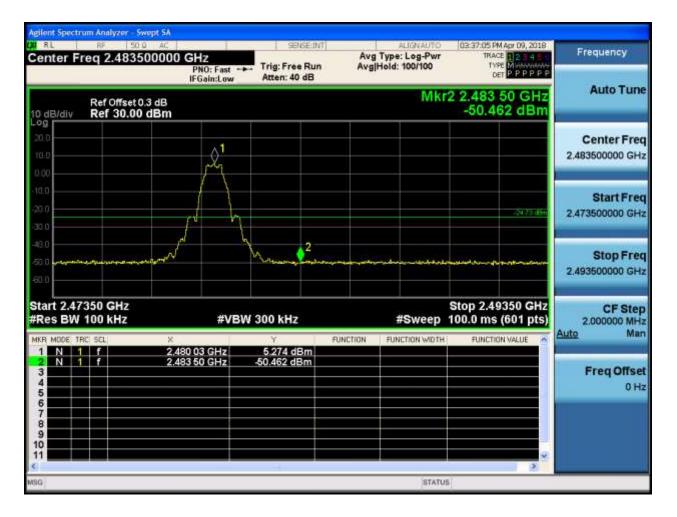
Part II - Test Plots

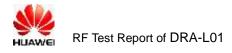
2.1 TM1_Ch0_L

	req 2.39250		Trig: Free Run Atten: 40 dB	Avg Type: Log-Pwr Avg Hold: 10/10		Frequency
10 dB/div	Ref Offset 0.3 Ref 30.00 d			Mk	r2 2.400 00 GHz -50.011 dBm	Auto Tune
20,0 10.0 0.00					,¢1	Center Freq 2.392500000 GHz
10.0 20.0 30.0						Start Fred 2.380000000 GH2
49.0 50.0 60.0		na-aandreen-deelligebaarteeboordee	and the second	مواقعه ومحيد المعرفي	22 man	Stop Free 2.405000000 GH
Start 2.38 #Res BW			W 300 kHz	#Sweep		CF Step 2.500000 MHz Auto Mar
1 N 1 2 N 1 3 4 5 6		× 2.402 00 GHz 2.400 00 GHz	5.350 dBm -50.011 dBm	FUNCTION FUNCTION WIDTH	PUNCIEUN VALUE	Freq Offse 0 H:
7 8 9 10						
sG .				STAT	us	



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.

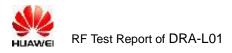
Considering that the higher ratio of RBW to the span for the frequency ranges below 30 MHz makes the results determination be complicated, a narrower RBW other than 100 kHz is used for these ranges. The measured value should add a RBW correction factor (RBWCF) where RBWCF [dB] = $10 \times lg(100 \ [kHz]/narrower RBW \ [kHz])$. 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	5.42	<limit< td=""><td>pass</td></limit<>	pass
TM1_Ch19	М	2440	5.71	<limit< td=""><td>pass</td></limit<>	pass
TM1_Ch39	Н	2480	5.35	<limit< td=""><td>pass</td></limit<>	pass

Part I - Test Results



Part II - Test Plots

2.1 TM1_Ch0_L

Pref:

RL RF 500 AC Center Freq 2.402000000	GHz PNO: Wide C	SENSEINT	Avg Type: Log-Pwr Avg Hold>1000/1000	03:24:46 PM Apr 09, 2018 TRACE 2 3 4 5 TYPE MUSERANCE DET P P P P P P	Frequency
Ref Offset 0.3 dB 10 dB/div Ref 20.00 dBm	I CONLOW		Mkr1	2.402 020 GHz 5.416 dBm	Auto Tune
10.0		~1	2		Center Fred 2.402000000 GH
10.0	/				Start Free 2.400000000 GH:
310	~/		M		Stop Fred 2.404000000 GH
40 0 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				m	CF Stej 400.000 kH <u>Auto</u> Mar
60.0					Freq Offse 0 H
Start 2.400000 GHz #Res BW 100 kHz	#VBW 3	200 1-11-	s	top 2.404000 GHz 1.000 ms (601 pts)	



Puw:





RL RF SO Q ADC		SENSE:INT	ALIGNAUTO	03:25:24 PM Apr 09, 2018	Frequency
enter Freq 15.075000 MH	PNO: Fast	Trig: Free Run Atten: 40 dB	Avg Type: Log-Pwr Avg Hold>50/50	TRACE 2 2 4 4 10 TYPE MUNICIPALITY DET P.P.P.P.P.P.P.	
Ref Offset 0.3 dB dB/div Ref 20.00 dBm				Mkr1 150 kHz -42.540 dBm	Auto Tur
0.0					Center Fre 15.075000 MH
1.0					Start Fre 150.000 kH
10 .0				34 58 654	Stop Fre 30.000000 MH
					CF Ste 2.985000 Mi <u>Auto</u> Mi
20 Wings & Cathering Survey	hiter with which the	dealloneon dirin	el Horadore altre d'unique de anis	(hersphill constitution to be	Freq Offs 01
art 150 kHz Res BW 10 kHz	#VBW 3	0 kHz	Sweep	Stop 30.00 MHz 285.4 ms (3001 pts)	



	Spectrum Analyz						-
Cent	er Freq 1.1	50.0 AC	PNO: Fast 😱	SENSEINT	Avg Type: Log-P Avg[Hold>50/50		Frequency
10 dBi	Ref Off	set 0.3 dB 0.00 dBm	IFGain:Low	#Atten: 40 dB	N	1kr1 2.173 45 GHz -46.573 dBm	Auto Tune
10.0							Center Freq 1.165000000 GHz
0.00 - -10.0 -							Start Freq 30.000000 MHz
-20.0 -90.0						Q4 58 dBa	Stop Freq 2.30000000 GHz
-40.0						1	CF Step 227.000000 MHz <u>Auto</u> Man
-60.0		a contributor				a read a seal is to be to be it as it full all colors	Freq Offset 0 Hz
-70.0	30 MHz					Stop 2.300 GHz	
Cardina da Cardon da Cardon da	BW 100 kH	z	#VBW	300 kHz	Sweet	217.1 ms (8001 pts)	
MSG					ST	ATUS	



RL RF 50.0 AC	9	ENSE: INT	ALIGNAUTO	03:25:56 PM Apr 09, 2018	Contraction of the local sectors
enter Freq 2.350000000	GHz PNO: Fast Trig: Fre IFGain:Low	e Run	Avg Type: Log-Pwr Avg Hold>200/200	TRACE 2 2 4 5 TYPE MUSEUM	Frequency
Ref Offset 0.3 dB	1 COMILEON		M	r1 2.318 2 GHz -48.069 dBm	
0.0					Center Fred 2,350000000 GHz
					Start Free 2.300000000 GH
0.0				\J4 58 d⊟n	Stop Free 2.400000000 GH;
0.0 0.0 0.0 June 1.0	kun magnanta tan manga kutan	esterniteriteriteriteriteriteri	ายเสาะสุดาร์ไปสารีเสียงไป	way daway por tange to be	CF Step 10.000000 MH: Auto Mar
0.0				 CONTRACTOR (2004) CONTRACTOR (2004)<	Freq Offse 0 H
tart 2.30000 GHz Res BW 100 kHz	#VBW 300 kH		Sween	Stop 2.40000 GHz .600 ms (1001 pts)	



RL RF 50.0 AC		SENSE: INT	A CONTRACTOR	LIGNAUTO	03:26:05 PM A	at 09,2018	CONTRACTOR OF THE OWNER OWNE
enter Freq 2.491750000	PNO: Fast	ig: Free Run itten: 40 dB	Avg Type: Avg Hold>		TYPE	123451 M 44444 P P P P P P P	Frequency
Ref Offset 0.3 dB				Mkr1 2.	493 317 -48.59	5 GHz 5 dBm	Auto Tune
og 10.0							Center Fred 2.491750000 GHz
0.0							Start Free 2.483500000 GH
00						Q458 dEm	Stop Free 2.500000000 GH;
0.0 0.0 Johnson John Plantage Program	~	Mannan	1 Alberton Amore	Manna	halante		С F Stej 1,650000 МН <u>Аuto</u> Ма
00				-			Freq Offse 0 H
tart 2.483500 GHz Res BW 100 kHz	#VBW 30	0 kHz			top 2.5000 1.600 ms (







2.2 TM1_Ch19_M

Pref:





Puw:





RL RF 50.0 ADC	Sec. 1	SENSE: INT	ALIGNAUTO	03:31:42 PM Apt 09, 2018	CONTRACTOR CONT
enter Freq 15.075000 N	PNO: Fast C	Trig: Free Run #Atten: 40 dB	Avg Type: Log-Pwr Avg Hold>50/50	TRACE 2 3 4 5 1 TYPE MUNICIPALITY DET P P P P P P	Frequency
Ref Offset 0.3 dB dB/div Ref 20.00 dBm				Mkr1 150 kHz -42.724 dBm	Auto Tune
0					Center Fred 15.075000 MH:
.0					Start Fred 150.000 kH
.0				.34.29.40m	Stop Fre 30.000000 MH
0					CF Ste 2.985000 MH Auto Ma
	hadan yang kang kang kang kang kang kang kang k	unining and the sea	una all materia and a second and	wantransportunista	Freq Offse 0 H
art 150 kHz tes BW 10 kHz	#VBW :	30 kHz	Sweep 2	Stop 30.00 MHz 85.4 ms (3001 pts)	



RL	RF 50.0 AC	Sector 1 and	SENSEIINT	ALIG	(AUTO 03:32)	31 FM Apt 09, 2018	The second second second
enter Fre	q 1.16500000	PNO: East	Trig: Free Run #Atten: 40 dB	Avg Type: Lo Avg Hold>50/		TRACE	Frequency
0 dB/div	Ref Offset 0.3 dB Ref 20.00 dBm	a dom.cow			Mkr1 1.5- -47	48 35 GHz .867 dBm	Auto Tun
og 10.0							Center Fre 1.165000000 GH
0.0							Start Fre 30.000000 MH
0.0						2429 d 0 m	Stop Fre 2.300000000 GH
0.0	s er de pide storid de l'Andres e	e a de la francé de la factoria	ten is vielenter bellefeler		dirinda da Manta	u kati a	CF Ste 227.000000 MH <u>Auto</u> Ma
30.0	In the children had all the hards	a la la constanta de la constan La constanta de la constanta de					Freq Offse 0 H
tart 30 MH Res BW 10		#VBW 3	100 kHz	Sw	Sto	p 2.300 GHz is (8001 pts)	

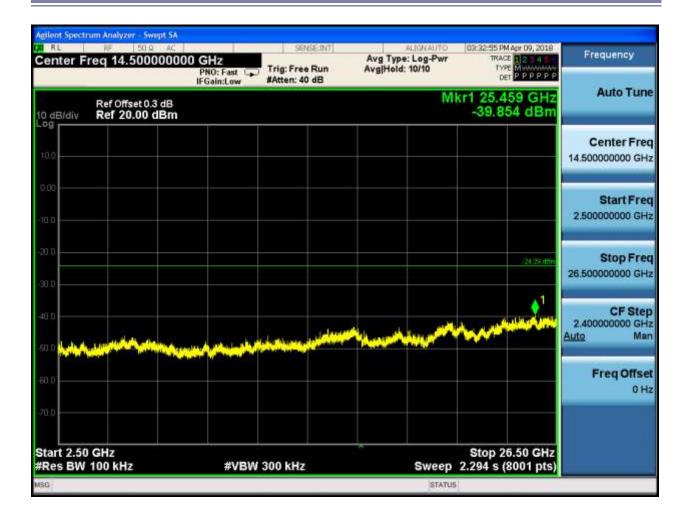


		um Analyzor - Sv			11						
Cent	ter Fr	eq 2.3500	00000 G	PNO: Fast 😱	-			ALIGNAUTO e: Log-Pwr >200/200	TRAC	Apt 09, 2018 E 2 3 4 5 4 M M M M M M	Frequency
10 dB	3/div	Ref Offset 0. Ref 20.00	.3 dB	Gain:Low	#Atten: 40	7 98		M	kr1 2.39		Auto Tune
Log 10.0											Center Freq 2.350000000 GHz
0.00											Start Freq 2.300000000 GHz
-20.0										24.23 dðin	Stop Freq 2.400000000 GHz
-40.0	e ande	mitationistications	2Mart July		and a stand of the	id	tanda shat	de de san de la casa d	Harry Addres		CF Step 10.000000 MHz <u>Auto</u> Man
-60.0											Freq Offset 0 Hz
Cardina da Cardon da		000 GHz								0000 GHz	
	BW 1	100 kHz		#VBW	300 kHz				9.600 ms (1001 pts)	
MSG								STAT	us i		



RL RF 50.0 AC	SENSE:INT	ALIGNAUTO	03:32:22 PM Apr 09, 2018	
enter Freq 2.491750000		Avg Type: Log-Pwr Avg Hold>200/200	TRACE 2345 TYPE MULTINE DET PPPPPP	Frequency
Ref Offset 0.3 dB dB/div Ref 20.00 dBm	il controw	Mkr1 2	.485 920 0 GHz -49.248 dBm	Auto Tun
og 10.0				Center Free 2.491750000 GH
0.0				Start Free 2.483500000 GH
00			-24 29 d5m	Stop Fre 2.500000000 GH
0.0 0.0 0.0 0.0 0.0 0 0.0 0 0 0 0 0 0 0	galanter programmed and processing and a line the	Projectillestration	روار مراجعه من المراجع	CF Stej 1.650000 MH <u>Auto</u> Ma
00				Freq Offse 0 H
tart 2.483500 GHz Res BW 100 kHz	#VBW 300 kHz	Sween	top 2.500000 GHz 1.600 ms (601 pts)	







2.3 TM1_Ch39_H

Pref:





Puw:





RL RF 50.9 100	10 Marco 6 10	SENSE: INT	ALIGNAUTO	03:35:25 PM Apr 09, 2018	
enter Freq 15.075000	MHz PNO: Fast 😱 IFGain:Low	Trig: Free Run #Atten: 40 dB	Avg Type: Log-Pwr Avg Hold>50/50	TRACE 2345 TYPE MUMANNAN DET PPPPP	Frequency
Ref Offset 0.3 dB dB/div Ref 20.00 dBn				Mkr1 150 kHz -40.605 dBm	Auto Tun
9)0					Center Fre 15.075000 MH
.0					Start Fre 150.000 kH
.0				-34 05 dBn	Stop Fre 30.000000 MH
0					CF Ste 2.985000 MH Auto Ma
·	derikelyikeryakerekerekeryikereke	eren etrasteristerine	Alisebata di marti, ne antine i ma	anderstering and a state of the state	Freq Offse 0 H
nrt 150 kHz es BW 10 kHz	#VBW	30 kHz	Sweep 2	Stop 30.00 MHz 85.4 ms (3001 pts)	



RL	RF 50.9 AC	- Sectors I and	SENSE:(INT)	ALIGNAUTO	03:35:45 PM Apr 09, 2018	
enter Fro	eq 1.1650000	PNO: Fast	Trig: Free Run #Atten: 40 dB	Avg Type: Log-Pwr Avg Hold>50/50	TRACE 2 2 4 5 TYPE MUSEUM DET P P P P P P	Frequency
) dB/div	Ref Offset 0.3 dB Ref 20.00 dBm			Mkr	1 2.276 73 GHz -47.792 dBm	Auto Tune
0.0						Center Fred 1.165000000 GH
0.0						Start Free 30.000000 MH
x0.0 x0.0					-24.65 dSm	Stop Free 2.30000000 GH
0.0					amat des a state independent de trapile	СF Stej 227.000000 МН <u>Ашto</u> Ма
0.0			and the second secon	and radius (, , , ,) is a different of a factor of the like of the second states of the sec	an ann a data ha an ann a fha an	Freq Offse 0 H
tart 30 M					Stop 2.300 GHz	
Res BW 1		#VBW 3	00 kHz	Sweep 2	17.1 ms (8001 pts)	



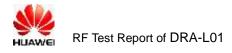
Res B	V 100 kHz	#VBW 3	00 kHz	Sweep 9	.600 ms (1001 pts)	
	30000 GHz				Stop 2.40000 GHz	
70.0						
20.0						0.H
0.0						Freq Offse
and wet	- half-dirakting the diraktion and	erability water have been	enter produced and the second	inner and apprendic	listering and service where	
40.0				▲1		10.000000 MH Auto Ma
						CF Ste
10.0						2.40000000 GH
0.0					-24.65 dBm	Stop Fre
0.0						
						Start Fre 2.30000000 GH
0.00						
10.0						2.35000000 GH
.09						Center Fre
0 dB/div	Ref Offset 0.3 dB Ref 20.00 dBm			Mi	r1 2.370 8 GHz -48.964 dBm	Auto Tun
	_		Atten: 40 dB		OET PPPPP	Auto Tur
enter	Freq 2.3500000	00 GHz	Trig: Free Run	Avg Type: Log-Pwr Avg Hold>200/200	TRACE 12345	Frequency
81	ctrum Analyzer - Swept SA		SENSE:INT]	ALIGNAUTO	03:35:58 PM Apr 09, 2018	



RL 8F 50.0 AC	SENSEINT	ALIGNAUTO	03:36:07 PM Apr 09, 2018	ALC: NO AND A DECIDENT
enter Freq 2.491750000	PNO: Fast Trig: Free Run IFGain:Low #Atten: 40 dB	Avg Type: Log-Pwr Avg Hold>200/200	TRACE 2 2 4 5 TYPE MUSEUM	Frequency
Ref Offset 0.3 dB dB/div Ref 20.00 dBm	I COMILOW	Mkr1 2	491 392 5 GHz -48.068 dBm	Auto Tun
0.0				Center Free 2.491750000 GH
0.0				Start Fre 2.483500000 GH
0.0			-24.65 d5m	Stop Fre 2.500000000 GH
0.0 9.0 Mar Saveran - Marana - Bark	my un bry man all that me	Mary - marker Marker - Marker		CF Ste 1.650000 MH Auto Ma
0.0				Freq Offse 0 H
tart 2.483500 GHz Res BW 100 kHz	#VBW 300 kHz		top 2.500000 GHz 1.600 ms (601 pts)	







Appendix H: Radiated Spurious Emission & Spurious in Restricted

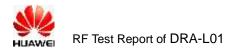
Band

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

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

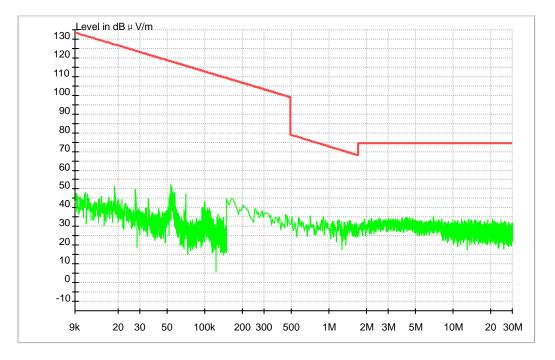
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz.

The simultaneous transmission has been considered



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

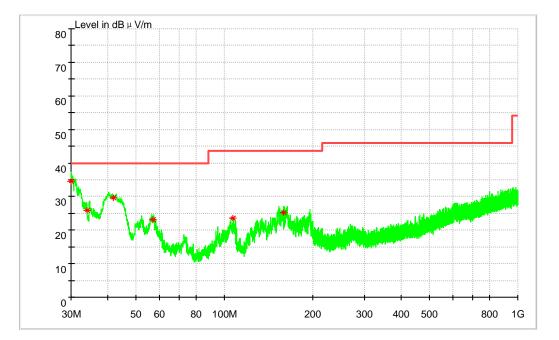
Note 1: The test results and plot for testing range of "9 kHz to 30 MHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.





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).



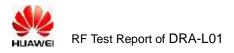
Frequency	Level	Limit	Margin	Height	Pol	Azimuth	Transd.
(MHz)	(dB	(dB	(dB)	(cm)		(deg)	(dB)
30.040077	34.60	40.00	5.40	122.0	V	244.0	13.0
33.921720	25.94	40.00	14.06	101.0	V	311.0	13.1
41.814540	29.52	40.00	10.48	100.0	V	5.0	14.4
57.148180	22.99	40.00	17.01	101.0	V	265.0	14.0
106.430960	23.57	43.50	19.93	100.0	V	102.0	14.0
159.139980	25.14	43.50	18.36	100.0	V	273.0	10.4

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

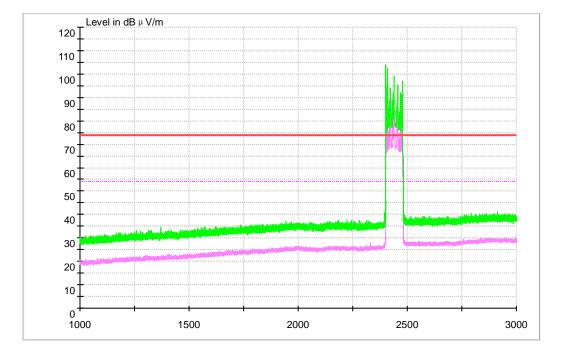


1.3 Part 3: Testing Range of "1GHz to 3GHz"

- 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 $dB\mu V/m$).

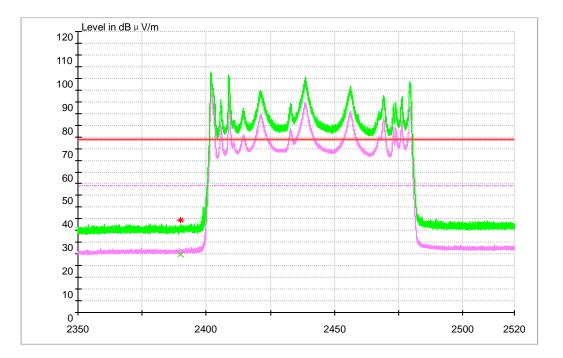
Note 3: The peak spike exceeds the limit line is EUT's operating frequency. Test Mode:

1.3.1Test Mode: TM1





1.3.1.1 Channel 0



MEASUREMENT RESULT: AV Detector

Frequency	Level	Limit	Margin	Height	Pol	Azimut	Transd.
(MHz)	(dB µ V/m)	(dB	(dB)	(cm)		h	(dB)
2390	24.65	54.00	29.35	150.0	V	109.0	-10.2
MEASUREMENT	RESULT: PK De	etector					
Frequency	Level	Limit	Margin	Height	Pol	Azimut	Transd.
(MHz)	(dB µ V/m)	(dB µ V/m)	(dB)	(cm)		h (deg)	(dB)
2390	39.51	74.00	34.49	150.0	V	98.0	-10.2

Note2:

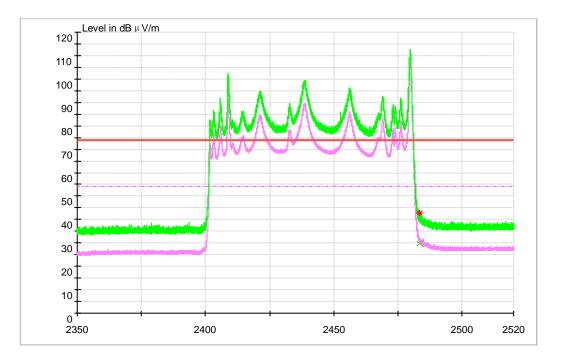
1, Level =Reading level by receiver + Transd (Antenna factor + cable loss - preamplifier gain)

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)	(dB µ V/m)	(dB µ V/m)	(dB)	(cm)		h(deg)	(dB)
2483.5	29.72	54.00	24.28	150.0	Н	86.0	-6.8

MEASUREMENT RESULT: PK Detector

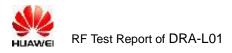
Frequency	Level	Limit	Margin	Height	Pol	Azimut	Transd.
(MHz)	(dB µ V/m)	(dB µ V/m)	(dB)	(cm)		h (deg)	(dB)
2483.5	42.89	74.00	31.11	150.0	Н	100.0	-6.8

Note2:

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

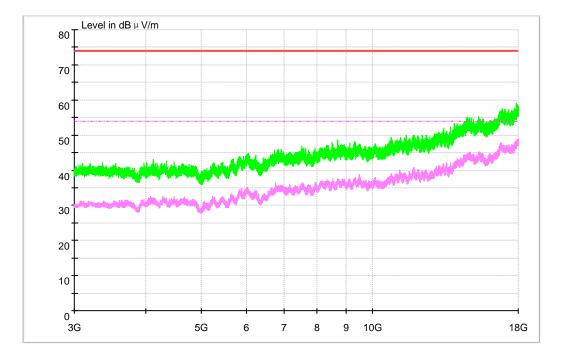
The reading level is calculated by software which is not shown in the sheet.

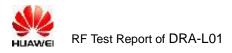
2, Margin=Limit - Level



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

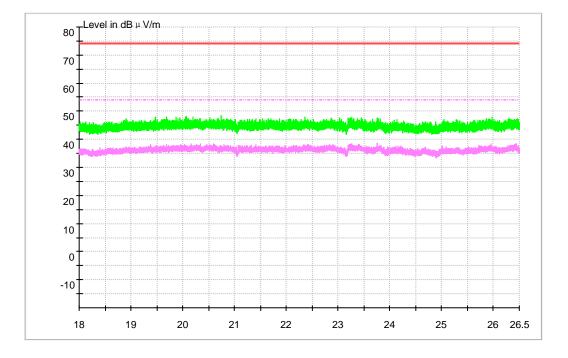
- Note 1: The test results and plot for testing range of "3 GHz to 18 GHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of "3 GHz to 18 GHz" is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.
- Note 3: Two limits are required in the testing range above 1 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"

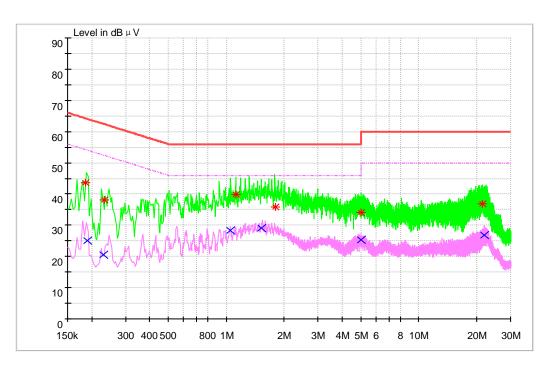
- Note 1: The test results and plot for testing range of "18 GHz to 26.5 GHz" showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of "18 GHz to 26.5 GHz" is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.
- Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 $dB\mu V/m$) and Average Limit (54 $dB\mu V/m$).





Appendix I: Conducted Emission at Power Port

Note: RBW =9 kHz, VBW = 30 kHz



Channel 39

MEASUREMENT RESULT: AV Detector

Frequency (MHz)	Level (dB µ V)	Limit (dB µ V)	Transd. (dB)	Margin (dB)	Line	PE
0.190954	25.04	53.99	9.7	28.95	Ν	FLO
0.231271	20.63	52.4	9.7	31.77	L1	FLO
1.055216	28.36	46	9.7	17.64	L1	FLO
1.520007	29.04	46	9.7	16.96	L1	FLO
4.992691	25.4	46	9.8	20.6	L1	FLO
21.872879	26.89	50	10.1	23.11	L1	FLO

Frequency (MHz)	Level (dB µ V)	Limit (dB µ V)	Transd. (dB)	Margin (dB)	Line	PE
0.186637	43.62	64.18	9.7	20.56	L1	FLO
0.231392	38.21	62.4	9.7	24.19	L1	FLO
1.122324	39.76	56	9.7	16.24	L1	FLO
1.793687	35.74	56	9.7	20.26	L1	FLO
5.009373	34.22	60	9.8	25.78	L1	FLO
21.512304	36.84	60	10.1	23.16	L1	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