Report No.

:

AR0017092(8)

Date :

12 Apr 2013

A12. Bluetooth Average On Time

Packet: DH1 Channel: CH00

Spectrum	Spectrum 2			×		[₩
Ref Level 87.0		RBW (C 5 s VBW				
Att SGL TDF	U d8 🖨 SW1	5 s 📾 VBW	3 MHz			
●1Pk Max●2Pk M	Иах					
80 dBµV/m-						
70 dBuWm-						
				-		
6C dBµV/m						
5C dBµV∕/m						
#È dauwim				JUL	1.7	
yourgetymenum	Martine Maria II.		III land	the manufacture	لللبي أألو أب	Milliona
30 dBpV/m						
20 dBµV/m						
10 dBµV/m						
0 dBµV/m						
-10 dBµV/m						
CF 2.402 GHz			691 pts		 (5	i00.0 ms/
				Ready	-	1

Att SGL TDF	0 dB 👄	SWT 5 ms	⊜ VBW	3	MHz				
∎1Pk Max⊕2Pk I	Max .								
					D	1[1]			0.29 di 398.55 µ
80 dBµV/m				M1 V	D1 M	1[1]			43 dBµV/n
70 dBµV/m					1	1	1	1	2.27536 m
60 dBµV/m-									
50 dBµV/m					1				
40 dBµV/m									
30 dBµV/m	ana la concert		i dhe dama		hart	di nadi ni	Gd Barla		-
	militarying	and he was	(n.therailmuta	A)	(APPL	ng ky the story of	at have been been a state of the	alah Alama	All Market In Tor
20 dBµV/m-									
10 dBµV/m									
0 dBµV/m									ь
10 10 12									
-10 dBµV/m CF 2.402 GHz				691 pt	_				500.0 µs/

Reviewed by:

Tested by:

Mr. LEUNG Shu-kan, Ken

Mr. WONG Lap-pong, Andrew

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FCC ID: 2AAFH-SPK90A

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Report No. :

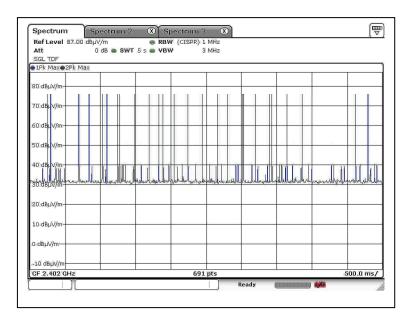
AR0017092(8)

Date :

12 Apr 2013

A12. Bluetooth Average On Time

Packet: DH3 Channel: CH00



Att	0 dB 🖶 SW1	5 ms 👄 VB	W З МН	z			
SGL TDF 91Pk Max@2Pk Ma:	,						
80 dBµV/m-				D1[1] 			1.32 di 3043 m dBµ∀/n
70 dBµV/m-				100000	1 T		4058 m
60 dBµV/m	ML	manuna	inguille with presents	D1			
50 dBµV/m-	μ						
40 dBµV/m-							
зо авих/m / WWWWWWWWWW 20 авиv/m	414 Julian			www.	Mypppyrate	ununun	Walk
10 dBµV/m							
0 dBµV/m	_						
-10 dBµV/m	_						

Reviewed by:

Tested by:

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FCC ID: 2AAFH-SPK90A

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Report No.

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AR0017092(8)

Date :

12 Apr 2013

A12. **Bluetooth Average On Time**

Packet: DH5 Channel: CH00

Ref Level 87.00 d			V (CISPR) 1	MHz				
Att SGL TDF	0 dB 🖨 SWT	5 s 👄 VBV	У 3	MHz				
∋GL TDF ●1Pk Max●2Pk Max								
								1
80 dBµV/m-								
	П	11		ΪĪ	I I I		T	
70 dBµV/m								
60 dBµV/m								
		- E	8 (F)					- 5
50 dBµV/m								
40 dBuV/m-1		Y. Y	6 6	1	i.			0 U
+uiubµvyiii			T	ſ		I [L]		Î î Î
20 dep. / m. link	rdloportilituation	furthershill	aster hall have	ubanaluh	Librallyn	multiture	Mumber	househive
20 dBµV/m	_							
10 dBµV/m-								
0.dBµV/m								
0.40 84 0.00								
-10 dBµV/m CF 2.402 GHz			601					00.0 0 0 0 0 0
GF 2.402 GHZ			691	<u> </u>	leady			500.0 ms/

SGL TDF	0 db 🖶 SWT	10 115 🖉 🛪	011	3 MHz				
●1Pk Max●2Pk Max				D	1[1]			0.65 di
80 dBµV/m	_							2.8696 m
				м	1[1]		59.3	27 dBµV/n 3.5942 m
70 dBµV/m						1		
60 dBµV/m-		M1	mana da ana ana ana ana ana ana ana ana a	and the second states of the	D1			
		n an						
50 dBµV/m-	-							
40'dBµV/m-								
ananjasjan								
3948HY CHANNER	all a sea sould date	add d				androphy	a lante del I I I	with the last
	When a bit de dife.	and Abu			AL WAY	arthly adhe or it.	a admina. Alti	a i . okodili
20 dBµV/m								
10 dBµV/m-	_							
0 dBµV/m								
-10 dBuV/m								

Tested by:

Reviewed by: •

Mr. WONG Lap-pong, Andrew

Mr. LEUNG Shu-kan, Ken

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Report No. :

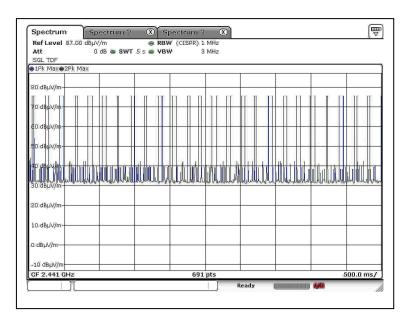
AR0017092(8)

Date :

12 Apr 2013

A12. Bluetooth Average On Time

Packet: DH1 Channel: CH39



Att SGL TDF	U	dB⊜ SW1	5 ms 👄 VE	w.	3 MH	Z			
●1Pk Max●2Pk	Мах								
						D1	[1]		0.77 dE
80 dBµV/m-					M	Ma	P11	74.4	398.55 µ: 17 dBµV/n
70 40 57-							2		.68116 m
70 dBµV/m									
60 dBµV/m-									
50 dBµV/m					_			 	
40 dBµV/m									
				12			4	 2 B.	
and the contraction	NUMBER	MIGHAMANA.	1. Mahalad	Ral matched	H.H.		all all and all	A MANAL IN	hyphyrida
20 dBµV/m	Malan	Anne Mall &	olivelle a	Nil-wan i nv	144		. 0.0 0. 0. 1	hat r	I del deste
20 ddpsym									
10 dBµV/m								 	
0 dBµV/m					5			 	p
-10 dBµV/m	-								

Tested by:

 $\mathcal R$. Reviewed by:

Mr. WONG Lap-pong, Andrew

Mr. LEUNG Shu-kan, Ken

FCC ID: 2AAFH-SPK90A

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Report No. :

AR0017092(8)

Date :

12 Apr 2013

A12. Bluetooth Average On Time

Packet: DH3 Channel: CH39

Spectrum		ctrum 2			pectr									[₹
Ref Level 87.0 Att		n B 🖨 SW		RBV			MHz MHz							
SGL TDF	υa	s 📾 sw	1.5.5.1	S ABI	S.	3	MHZ							
●1Pk Max●2Pk I	Max													
													1	
80 dBµV/m					-			-			_			
T T T	п	11	T	II I	1	1		n n	I II	1	П	1	1 1	1
70°dBµV/m						-								
60 dBµV/m	++++					-								
50°d8µV/m				1						11				
40 dBµV/m-1					t di	Th		IT I				I M I		T
30 dBµV/m	de mille	willing	internet	ullin	head	Shull	gull and	when	willer	Harlow	uhi	william	unline	1. Aler
ananéhalun														
20 dBµV/m														
eren and and and and and and and and and an														
10 dBµV/m														
0 dBµV/m			_					-			_			
~ ~													1	
-10 dBµV/m								-					-	
CF 2.441 GHz						691	pts					8	500.0 i	ns/
1 1								Ready	,			14/14		
											-			52

Att 0 dB SWT 5 ms SGL TDF	VBW 3 MHz	
●1Pk Max●2Pk Max		
	D1[1]	1.58 d 1.63043 m
80 dBµV/m	M1[1]	58.00 dBµV/r
70 dBµV/m		1.00725 m
· · ·		
60 dBµV/m M1	alup row and many	
50'dBµV/m		
40 dBµV/m		
ap deux/m	Level D. Dillance J day	and an
,	And billing months the an	in the at half due colling a still and
20 dBµV/m		
10 dBµV/m		
0 dBuV/m		
-10 dBµV/m		

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Tested by:

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Report No. :

AR0017092(8)

Date :

12 Apr 2013

A12. Bluetooth Average On Time

Packet: DH5 Channel: CH39

Ref Level 87.00 Att	0 dB 🗑 SW		V (CISPR) 1 V S	MHz					
SGL TDF									
∎1Pk Max⊕2Pk Ma	18				1				
80 dBµV/m					-	_			
	1	0 1	1		1	П			T
70°dBhM/m									+
60 dBµV/m				-				P	
ooracpayin									
50 dBµV/m							5		-
							15		
40 88µV/m - 11		1 11	I III I	11 . 11 /	111 L		11 h lut	111 1	il
30 dBµV/m	windfiller and the	- Humanity All	hillion weblack	obiorthilitie	alille Julia	wyffillith	hhliphh	mellippoild	indh
20 dBµV/m						_	_		
10 dBµV/m									
0.dBµV/m									
-10 dBµV/m				-					
CF 2.441 GHz			691	pts				500.0	ms/

Att SGL TDF	0 dB 🔿 SWT 10		3 MHz			
●1Pk Max●2Pk Max 80 dBµV/m-	5		D1[1		0.4 2.884 58.87 dBµ	
70 dBµV/m-			MAL	u	2.304	
60 dBµV/m-	Mi	an survey and the survey of	D1			
50 dBµV/m			_			
40 dBµV/m-						
al la way way	www.p		Presidente Land	and wat with the Later was	approxide has have been a	W/W
20 dBµV/m-						
10 dBµV/m-						
0 dBµV/m						
-10 dBµV/m						

Tested by:

Mr. LEUNG Shu-kan, Ken

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Mr. WONG Lap-pong, Andrew

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Report No. :

AR0017092(8)

Date :

12 Apr 2013

A12. Bluetooth Average On Time

Packet: DH1 Channel: CH78

Spectrum				pectrum 3					1
Ref Level 87. Att	оо авру П	/m dB 🖨 SW	⊜ RB/ T5s⊜ VB/	W (CISPR) 1	MHZ MHZ				
SGL TDF	-			-					
⊜1Pk Max⊜2Pk	Max		-						
80 dBµV/m									
п. п. п. :	1 16	EL TI	TT IT	ппп	11 11		IT TO S	in in in	11.11
7DidBµv/m									
6D dBµv/m									
- addrive									
5DidBµv/m									
4DidBµv/m+ Ii ii ii ii ii	Uludil	GIT AL	a ti	(intro) in	In Ind	ha che	, MULLIMA.	พ่า เปิด	H HI HI
ULUUUUUU 30 dBµV/m	Whith	abababad () bis	Mhhalphhallh	WHANGLIM	rtAkellokhi	hill Aladili	all VIIIII	hill hill blight	Unterlight
20 dBµV/m									
10 dBµV/m-									
0.dBµV/m									
~ ~									
-10 dBµV/m									
CF 2.48 GHz				691	pts				500.0 ms/
][L] F	leady		1	

Ref Level 87.) Att			5 ms e VE	W (CISPR)	3 MHz				
SGL TDF			0.00						
∎1Pk Max⊕2Pk	Max								
					D	1[1]			-0.27 di 398.55 µ
80 dBµV/m					M	1[1]		72 7	398.55 µ 8 dBµV/n
Kuma	D1					-1-1		10000	413.04 µ
70 dBµV/m	-T-t								
60 dBµV/m									
50 dBµV/m									
30 uspvyin									
40 dBµV/m									
and and project									
ag)dBµV/m			tracké szte	1.4		l e les	d un selle	N	t di sili di
grange	Mapph	WWWWWW	*****	MULTIN	handerhand	gli juli a Materia	PHA WALL	Wayanil	hall have been a second
20 dBµV/m		8 (8) B	11		1		1		
v u									
10 dBµV/m									
0 dBµV/m									
-10 dBµV/m									
CF 2.48 GHz				691	pts				500.0 µs/

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Mr. WONG Lap-pong, Andrew

Mr. LEUNG Shu-kan, Ken

FCC ID: 2AAFH-SPK90A

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Report No.

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AR0017092(8)

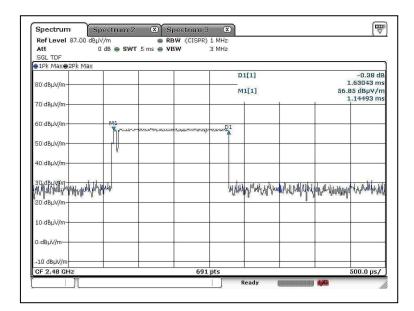
Date :

12 Apr 2013

A12. Bluetooth Average On Time

Packet: DH3 Channel: CH78

Spectrum Ref Level 87.0		etrum 2			ectrur / (CISP		X											[₩
Att		n B 🖨 SWT																
SGL TDF	0.00				•													
∋1Pk Max⊖2Pk I	Иах																	
80 dBµV/m														\vdash				
to depv/m	11						I I			n n	Ľ.	1	II I			1	1	1
60°d8µV/m																		
50°d8µV/m				_								_						
f0 dBµV/m	1 6			ř.	1.3	12.11.1	100	1 -	-		+	1.		01		1	1.00	
30 dBµV/m	hillioth	versitetet	hunder	uhhi	watch	the	Hun	Minte	have	hul	J.L	ulilly	Illah	h	hala	uA	awhah	ulu
30 dBµV/m				disc de la ca							1.100.00					50.00		
20 dBµV/m																		
20.0603/00																		
10 dBµV/m																		
3 X																		
0 dBµV/m								_			_			+			-	
-10 dBµV/m	-							-			- 1						-	
CF 2.48 GHz						691 p	ts				_	_				¢	0.00	ms/
						[R	eady) 🎼	1			



Tested by:

Reviewed by:

Mr. WONG Lap-pong, Andrew

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FCC ID: 2AAFH-SPK90A

Mr. LEUNG Shu-kan, Ken

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Report No.

AR0017092(8)

:

Date :

12 Apr 2013

A12. Bluetooth Average On Time

Packet: DH5 Channel: CH78

Spectrum	Spectrum 2		pectrum 3					[\blacksquare
Ref Level 87.00 c Att	16µV/m 0 dB 🖨 SWT		V (CISPR) 1 V 3	MHZ MHz				
SGL TDF			-					
●1Pk Max●2Pk Ma:	5							
80 dBµV/m								
70 dBµV/m	111-1-			e.	A T	1 11	111	
60 dBµV/m								
50 dBµV/m								
40 dBµV/m-	โปปปลังบ		Murdule	ulletture	111.1		i i ii	lesse ali
30 dBµV/m	and the second states	(Margan Canadanan)	er og vilkoval bandet	Cunch Anterne	radiation (12,700)	and an	nn fra graffan	-low man
20 dBµV/m-				-				
10 dBµV/m-								
0 dBµV/m								
-10 dBµV/m								2
CF 2.48 GHz		•	691	pts			1	500.0 ms/
) F	leady		11/1	

Att 0 dB SWT SGL TDF	10 ms 🖶 VBW	3 MHz		
●1Pk Max●2Pk Max				
		D1[1]		-0.25 di
80 dBµV/m		M1[1]		2.8841 m 56.88 dBµV/n
		MILTI		768.1 µ
70 dBµV/m-				
60 dBµ₩/m				
DU UBHWAI	mment 1			
50 dBµVym				
40 dBµV/m-				
30 dBuV/m	Walnut Industry	11 A. Martin Winker Minhed	or hand hand a late to the	WHILE WHICH HAVE
	adds of all a st	we should be defined after	help down on the state	the set N and
20 dBµV/m				
10 dBµV/m-				
10 dbp v/m				
0 dBµV/m			_	
-10 dBuV/m			_	

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FCC ID: 2AAFH-SPK90A

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