1	Report No: I Issue No:	R3415 1	IC ID: FCC I	8739A-STP908 D: XX6STP908	0 D		
(<u>a</u> B)	Test No:	T5484	1	est Report		Page:	1 of 26
1 de	EMC Testin	3 7	echnol (Cambridge Ltd.) EMC Consultancy	EMC Training	23, Headington Driv Cambridge. CB1 9HE Tel : 01954 251974 or : 01954 25190 web : www.dbtechn email: mail@dbtech	e, 4 (test site) 0 (accounts) 7 ology.co.uk nology.co.uk	

REPORT ON ELECTROMAGNETIC COMPATIBILITY TESTS

Performed at: **TWENTY PENCE TEST SITE**

> **Twenty Pence Road**, Cottenham, Cambridge U.K. **CB24 8PS**

> > on

Sepura PLC

STP9080

dated

5th November 2014

Document History

Issue	Date	Affected page(s)	Description of modifications	Revised by	Approved by
1	05/11/14		Initial release		

Based on report template: v090319

	Report No:R3415IC ID: 8Issue No:1FCC IE		D: 8739A-STP9080 C ID: XX6STP9080	3739A-STP9080): XX6STP9080				
(dB)	Test No:	T5484		Test Report		Page:	2 of 26	
Equipment Under Test (EUT):				STP9080				
Test Commissioned by:			Sepura PLC Radio House St Andrews Cambridge Cambridges CB4 1GR	Sepura PLC Radio House St Andrews Road Cambridge Cambridgeshire CB4 1GR				
Repr	esentative:			Steve Wood	b			
Test	Started:			27th Augus	st 2014			
Test	Completed	1:		30th Octob	er 2014			
Test	Engineer:			Dave Smith	Dave Smith			
Date of Report:				5th Novemb	ber 2014			
Writ	ten by:	Da	ve Smith	Checked by	: Der	rek Barlow		
Sign	ature:	J	A.Smitt	Signature:	DE	Sarta	\sim	
Date	:	5th Nov	vember 2014	Date:	5th No	vember 20	14	

dB Technology can only report on the specific unit(s) tested at its site. The responsibility for extrapolating this data to a product line lies solely with the manufacturer.

-

Test Standards Applied

RSS-210 Issue 8	Licence-exempt Radio Apparatus (All Frequency Bands): Category I Equipment Annex 8: Spurious Radiated Emissions Only
CFR 47	Code of Federal Regulations: Pt 15 Subpart C - Radio Frequency Devices - Intentional Radiators
	15.247: Spurious radiated emissions only

Note: this report only covers spurious radiated emissions

1	Report No: Issue No:	R3415 1	IC ID: 8739A-STP9080 FCC ID: XX6STP9080		
(GB)	Test No:	T5484	Test Report	Page:	3 of 26

Emissions Test Results Summary

RSS-210					PASS	
Test	Port	Method	Limit	PASS/FAIL	Notes	
Radiated	enclosure	ANSI C63.4:2003	RSS_GEN	PASS		
Spurious			_			
Emissions						
specs_canadav111211						

specs_canadav111211

CFR 47

CFR 47					PASS
Test	Port	Method	Limit	PASS/FAIL	Notes
Radiated Emissions	ac power	ANSI C63.4:2003	15.209	PASS	

specs_fccv100412

1	Report No: Issue No:	R3415 1	IC ID: 87 FCC ID:	39A-STP9080 XX6STP9080			
(dB)	Test No:	T5484	Tes	t Report	Page	^{e:} 4 of	26
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1.2 Moc 1.3 EUT	1.2 Modifications to EUT and Peripherals 5 1.3 EUT Operating Modes 5 Figure 1 General Arrangement of EUT and Peripherals 6						

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PLOT 4

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1 EUT Details

1.1 General

The EUT was a Sepura Tetra Portable. The device includes a Bluetooth transmitter operating in the 2.4GHz to 2.4835GHz range. The device has an integral antenna and is battery powered.

This report only covers the radiated spurious transmissions from the Bluetooth circuitry.

Tests were performed with the device operating at three frequencies - at the top, middle and bottom of its operating range.

- o 2441MHz
- o 2480MHz

Details of the EUT and associated peripherals used during the tests are listed below. Figure 1 shows the interconnections between the EUT and peripherals.

ltem	Manufacturer	Model	Description	Serial No:	Notes
1	Sepura	STP9080	EUT	2PN701424G875ZI	

1.2 Modifications to EUT and Peripherals

Details of any modifications that were required to achieve compliance are listed below. The modification numbers are referred to in the results sections as appropriate.

Mod No:	Details	Implemented for
0	The unit tested was a Production Build unit. No modifications were made during the course of testing.	

1.3 EUT Operating Modes

The EUT was tested in the following operating mode or modes. Generally, operating modes are chosen that will exercise the functions of the EUT as fully as possible and in a manner likely to produce maximum emission levels or susceptibility. Individual test result sheets reference the operating mode of the EUT.

Operating Mode	Details
1	Continuous transmission at maximum power on selected channel. In order to maintain continuous transmission it was necessary to locate a Bluetooth simulator test set with a suitable antenna in the test area. The test set was allocated a different channel to the EUT.

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The Bluetooth Test Set was necessary in order for the EUT to transmit continuously

Bluetooth Test set was an Anritsu MT8850A. S/N 6K0000284

(T) (B)	Report No: Issue No:	R3415 1	IC ID: 8739A-STP9080 FCC ID: XX6STP9080		
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Photograph 1 Radiated Emissions



Photograph 2 Radiated Emissions

1	Report No: Issue No:	R3415 1	R3415 IC ID: 8739A-STP9080 1 FCC ID: XX6STP9080		
đB	Test No:	T5484	Test Report	Page:	8 of 26

2 **Test Equipment**

I

The test equipment used during the tests was one or more of the items listed below. Individual test result sheets indicate which items were used.

Ref No:	Details	Serial Number	Cal Date	Cal
A19 A20 A22 A24 A5 PRE10 PRE12 PRE15 R4 R9 RFF01 RFF01 RFF04	EMCO 3115 DR Guide (1-18GHz) Alpha 61932500 Horn Antenna (18-26GHz) Alpha 61932400 Horn Antenna (12.4-18GHz) Chase X-wing Bilog CBL6144 26MHz-3GHz Chase Bilog CBL6111A LUCIX 100M-20G pre-amp LUCIX 100M-20G pre-amp LUCIX 18GHz to 26.5GHz R&S ESVS10 Agilent E7405A Spectrum Analyser High Pass RF Filter 3GHz to 12.75GHz Low Pass RF Filter 0MHz to 2GHz	2431 050 055 27590 1760 10 12 15 843744/002 MY45110758 1 4	06/02/2014 28/10/2013 28/10/2013 28/10/2013 03/03/2014 19/08/2014 19/08/2014 13/12/2013 19/11/2013 13/08/2014 13/08/2014	1 year 1 year

1	Report No: Issue No:	R3415 1	IC ID: 8739A-STP9080 FCC ID: XX6STP9080		
(<u>ab</u>)	Test No:	T5484	Test Report	Page:	9 of 26

3 Test Methods

3.1 Radiated Emissions

This section describes the general method of performing this test. The specific method used and any deviations from this general method are listed in the appropriate results section.

Initial scans are performed in a semi-anechoic screened room at a distance of 3m. Scans are performed over the frequency range specified in the test standard with the antenna both horizontally and vertically polarised. During these scans the EUT and peripherals are rotated through 360°. Bench top EUTs are placed on a non-conducting bench at a height of 0.8m above the ground plane. Floor standing EUTs are placed 0.1m above the ground plane. The results of the scans are shown in the plots included at the end of the report.

Significant emissions identified by the scans are measured on an open area test site at the appropriate test distance using a CISPR16 quasi-peak receiver. Maximised readings are obtained by rotating the EUT through 360° and adjusting the height of the antenna from 1m to 4m. Measurements are made with the antenna both horizontally and vertically polarised and the results tabulated.

Tabulated results show levels based on the following calculation:

Field Strength (dBuV) = receiver reading (dBuV) + CF (dB/m)

CF is the correction factor for the antenna and cable.

For example:

at 114MHz receiver reading was 17.9 dBuV, combined correction factor = 13.1 (dB/m).

Total field strength = 17.9 + 13.1 = 31.0 dBuV/m.

4 Test Results

The following sections contain tabulated test results. Plots of various scans are included at the back of this section.

1	Report No: Issue No:	R3415 1	IC ID: 8739A-STP9080 FCC ID: XX6STP9080		
	Test No:	T5484	Test Report	Page:	10 of 26

4.1 Radiated Emissions Results - Below 1GHz

Factor Set 1:A5_14A CBL015_14A - -Factor Set 2:- - -Factor Set 3:- - -Test Equipment:R4 A5 R9 A24 PRE10 RFF04

Radia	ted En	nissions	s										
Com	pany:	Sepura PLC Product: STP9080											
Date	e e	28/10	0/201	4				Test	Eng:	Dave Smit	h		
Ports	5:	enclos	sure										
Test	:	ANSI	C63	.4:20	03 using	limits	s of	RSS	GEN				
POrts Test	5:	ANGL CG2 4:2002				limite	o of	16	200				
7031	•	ANJ	005	.4.20	JS using	mme	5 01	10	0.209				
Plot	Op	Mod	Dist	Fact	Freq.	Ant	Rec.	Corr'n	Corr'n	Total	Limit	Margin	Notes
	Mode	State	m	Set	MHz	Pol	Level	Factor	Factor	Level	15.209	15.209	
							dBuV	dB/m	dB	dBuV/m	dBuV/m	dB	
1	1	0	3	1	53,130	v	22.5	7.8		30.3	40.0	9.7	
1	1	0	3	1	53.130	H	12.1	7.8		19.9	40.0	20.1	
1	1	0	3	1	66.880	v	12.1	6.4		18.5	40.0	21.5	
1	1	0	3	1	66.880	н	7.7	6.4		14.1	40.0	25.9	
2	1	0	3	1	262.500	V	6.9	16.4		23.3	46.0	22.7	
2	1	0	3	1	262.500	н	6.7	16.4		23.1	46.0	22.9	
2	1	0	3	1	731.900	V	8.4	28.3		36.7	46.0	9.3	
2	1	0	3	1	731.900	н	9.3	28.3		37.6	46.0	8.4	
2	1	0	3	1	795.600	V	8.4	28.6		37.0	46.0	9.0	
2	1	0	3	1	795.600	Н	8.5	28.6		37.1	46.0	8.9	
2	1	0	3	1	981.200	V	7.6	32.2		39.8	54.0	14.2	
2	1	0	3	1	981.200	H	7.7	32.2		39.9	54.0	14.1	
	_									_			
	Resu	lts					Minimu PASS/F	m Març AIL	gin		8.4 PASS	dB	
No	tes					Comr	ments a	nd Obse	ervatio	ns			•
						-							
			Resu	lts of	scans shov	vn in p	olots 1 a	ind 2.					
			Tala	ا			have		الأنبي ما	الأحديد مطغ		مبع بعادا	
			Iabu	iated	measureme	ents a	W 9V00	ere mai		i the unit i	transmitting	on mia	
			band	when	ne prescar	is sno		SIGUITIC	ant alt	rerence in		eveis in this	
			Janu	WIG	switchilly	Ghaffi	1013.						
	Readings above are maximised measurements using a 120kHz OP detector.												

	Report No: R3415 Issue No: 1		IC ID: 8739A-STP9080 FCC ID: XX6STP9080		
(<u>ab</u>)	Test No:	T5484	Test Report	Page:	11 of 26

4.2 Radiated Emissions Results - Above 1GHz

Factor Set 1:	A19_14A CBL050_14A	
Factor Set 2:	A19_14A CBL050_14A PRE10_14B RFF01_14A	1 m cable
Factor Set 3:		
Test Equipment:	R9 A19 A20 A22 PRE10 PRE12 PRE15 RFF01 RFF04	

Radiated Emissions

Com	npany:	^{/:} Sepura PLC <i>Product:</i> STP9080											
Date	<i>:</i> :	28/1	0/201	4				Tes	t Eng:	Dave Smit	h		
Port:	s:	enclos	sure										
Test	: <u></u>	ANSI	<u>C63</u>	.4:20	03 using l	imits	of	RSS	S GEN				
Test		ANSI	C63	.4:20	03 usina l	imits	of	15	5.209				
					<u></u>								
Plot	Ор	Mod	Dist	Fact	Freq.	Ant	Det.	Rec.	Corr'n	Total	Limit	Margin	Notes
	Mode	State	m	Set	MHz	Pol	Туре		Factor		15.209 dBu\//m	15.209	
								ивиν	uв	ubuv/III	ubuv/III	UD	
	1		1 5	2	4902 710		nk	40.1	1 1	50.2	60.0	0.0	
5	1	0	1.5	2	4803.710	V H	рк nk	49.1 48.7	1.1	50.2 49.8	60.0 60.0	9.8	
ľ			1.0		4000.710			40.7		40.0	00.0	10.2	
5	1	0	1.5	2	4882.000	V	pk	49.6	1.3	50.9	60.0	9.1	
5	1	0	1.5	2	4882.000	н	pk	50.8	1.3	52.1	60.0	7.9	
5	1	0	1 5	2	1960 009		nk	10 5	1 5	51.0	60.0	9.0	
5	1	0	1.5	2	4960.009	H	pk pk	49.5	1.5	51.0	60.0	8.7	
	Resu	ts						Minimu	m Marc	ain	7.9	dB	
								PASS/F	AIL	,	PASS		
No	tes					Com	ments	and Ob	servati	ons			•
						-							
			Resu	lts of	scans showr	ו in pl	ots 3	to 11.					
ivieasurements were made with a TMHZ RBW peak detector. The limit shown average limit Average measurements are likely to give lower readings								i shown is tr 15.	ie				
				-90 m		2 11100			e mixory	to give it			
		I											

1	Report No: Issue No:	R3415 1	IC ID: 8739A-STP9080 FCC ID: XX6STP9080		
	Test No:	T5484	Test Report	Page:	12 of 26

4.3 Radiated Emissions Results - Band Edges

Factor Set 1:	A19_14A CBL050_14A	
Factor Set 2:	A19_14A CBL050_14A PRE10_14B RFF01_14A	1 m cable
Factor Set 3:		
Test Equipment:	R9 A19	

Radiated Emissions

Com	ipany:	Sepu	epura PLC Product: STP9080										
Date	e:	28/10	0/201	4				Tes	t Eng: D	ave Smit	h		
Port	s <i>:</i>	enclos	sure										
Test	:	ANSI	C63	.4:20	03 using l	imits	of	RSS	G GEN				
Port:	s:	ac pov	wer										
Test	2	ANSI	SI C63.4:2003 using		03 using l	imits	of	15	5.209				
Plot	Op Mode	Mod State	Dist m	Fact Set	Freq. MHz	Ant Pol	Det. Type	Rec. Level dBuV	Corr'n Factor dB	Total Level dBuV/m	Limit 15.209 dBuV/m	Margin 15.209 dB	Notes
12 12 13 13	1 1 1	0 0 0	1.5 1.5 1.5	1 1 1 1	2483.500 2483.500 2483.500 2483.500	V V H H	pk avg pk avg	29.5 13.9 35.1 16.9	29.7 32.7 29.7 32.7	59.1 46.5 64.8 49.6	80.0 60.0 80.0 60.0	20.9 13.5 15.3 10.5	
	Resul	Its Minimum Margin 10.5 dB PASS/FAIL PASS											
No	tes	Comments and Observations											
		Results of scans shown in plots 12 and 13. Measured according to 13.3.2 of D01 DTS V03r02. An additional correction factor has been added to the average measurements to take account of duty cycle.											



PLOT 1 Radiated Emissions - Bluetootooth - Tx - 25MHz to 275MHz

Company:	Sepura		Product:	STP9080	
Date:	11/09/14		Test Eng:	Peter Barlow	
Method:	ANSI C63.4		Method:		
Limit1:(RED)	FCC Restricte	d Bands at 3m	Limit2:		
Limit3:			Limit4:		
Black: Low cha Blue: Mid chan Red: High chan Maximised heig	nnel nel nt and angle - El	JT upright and fla	ıt - measurement	antenna vertical and	l horizontal
Facility:	Anech_2	Height	1m,1.5m,2m	Mode:	Bluetooth
Distance	3m	Polarisation	V+H	Modification State:	0
Angle	0-360	File:	H481163A	Analyser:	R9



PLOT 2 Radiated Emissions - Bluetootooth - Tx - 250MHz to 1GHz

Company:	Sepura		Product:	STP9080	
Date:	11/09/14		Test Eng:	Peter Barlow	
Method:	ANSI C63.4		Method:		
Limit1:(RED)	FCC Restricte	d Bands at 3m	Limit2:		
Limit3:			Limit4:		
Black: Low chan Blue: Mid chan Red: High chan Maximised heig	nnel nel nt and angle - El	JT upright and fla	t - measurement	antenna vertical and	horizontal
Facility:	Anech_2	Height	1m,1.5m,2m	Mode:	Bluetooth
Distance	3m	Polarisation	V+H	Modification State:	0
Angle	0-360	File:	H481167D	Analyser:	R9



PLOT 3 Radiated Emissions - Bluetootooth - Tx - 1GHz to 2GHz

Company: Date:	Sepura 11/09/14		Product: Test Eng:	STP9080 Peter Barlow	
Method:	ANSI C63.4		Method:		
Limit1:(RED)	FCC Restricte	d Bands at 3m	Limit2:		
Limit3:			Limit4:		
Black: Low chan Blue: Mid chan Red: High chan Maximised heigl and horizontal	nnel nel nt and angle - El	JT upright and fla	it - measurement	antenna vertical	
Facility:	Anech_2	Height	1m,1.3m,1.5m	Mode:	Bluetooth
Distance	3m	Polarisation	V+H	Modification State:	0
Angle	0-360	File:	H48116C2	Analyser:	R9



PLOT 4 Radiated Emissions - Bluetootooth - Tx - 2GHz to 3GHz

	-				
Company:	Sepura		Product:	STP9080	
Date:	11/09/14		Test Eng:	Peter Barlow	
Method:	ANSI C63.4		Method:		
Limit1:(RED)	FCC Restricte	d Bands at 1.5m	Limit2:		
Limit3:			Limit4:		
Black: Low chan Blue: Mid chanr Red: High chanr Maximised heigh and horizontal	nnel nel nt and angle - El	JT upright and fla	at - measurement	antenna vertical	
Facility:	Anech_2	Height	1.05,1.2,1.4,1.8m	Mode:	Bluetooth
Distance	1.5m	Polarisation	V+H	Modification State:	0
Angle	0-360	File:	H4811725	Analyser:	R9



PLOT 5 Radiated Emissions - Bluetootooth - Tx - 2.75GHz to 6.75GHz

Company:	Sepura		Product:	STP9080	
Date:	11/09/14		Test Eng:	Peter Barlow	
Method:	ANSI C63.4		Method:		
Limit1:(RED)	FCC Restricte	d Bands at 1.5m	Limit2:		
Limit3:			Limit4:		
Black: Low chan Blue: Mid chanr Red: High chanr Maximised heigh and horizontal	nnel nel nt and angle - El	JT upright and fla	at - measurement	antenna vertical	
Facility:	Anech_2	Height	1.05,1.2,1.4,1.8m	Mode:	Bluetooth
Distance	1.5m	Polarisation	V+H	Modification State:	0
Angle	0-360	File:	H4811762	Analyser:	R9



PLOT 6 Radiated Emissions - Bluetootooth - Tx - 6GHz to 10GHz

Company:	Sepura		Product:	STP9080	
Date:	11/09/14		Test Eng:	Peter Barlow	
Method:	ANSI C63.4		Method:		
Limit1:(RED)	FCC Restricte	d Bands at 1.5m	Limit2:		
Limit3:			Limit4:		
Black: Low chan Blue: Mid chanr Red: High chanr Maximised heigh and horizontal	nnel nel nt and angle - El	JT upright and fla	ıt - measurement	antenna vertical	
Facility:	Anech_2	Height	1.05,1.2,1.4,1.8m	Mode:	Bluetooth
Distance	1.5m	Polarisation	V+H	Modification State:	0
Angle	0-360	File:	H4811783	Analyser:	R9



PLOT 7 Radiated Emissions - Bluetootooth - Tx - 9GHz to 13GHz

	-				
Company:	Sepura		Product:	STP9080	
Date:	11/09/14		Test Eng:	Peter Barlow	
Method:	ANSI C63.4		Method:		
Limit1:(RED)	FCC Restricte	d Bands at 1.5m	Limit2:		
Limit3:			Limit4:		
Black: Low chan Blue: Mid chanr Red: High chanr Maximised heigh and horizontal	nnel nel nt and angle - El	JT upright and fla	t - measurement	antenna vertical	
Facility:	Anech_2	Height	1.5m	Mode:	Bluetooth
Distance	1.5m	Polarisation	V+H	Modification State:	0
Angle	0-360	File:	H48117B1	Analyser:	R9



PLOT 8 Radiated Emissions - Bluetootooth - Tx - 12.5GHz to 16GHz

Company:	Sepura		Product:	STP9080	
Date:	11/09/14		Test Eng:	Peter Barlow	
Method:	ANSI C63.4		Method:		
Limit1:(RED)	FCC Restricte	ed Bands at 1.5m	Limit2:		
Limit3:			Limit4:		
Black: Low chan Blue: Mid chanr Red: High chanr Manually rotated	าnel าel าel 1 360 degrees in	ı all axis.			
Facility:	Anech_2	Height 1	.5m	Mode:	Bluetooth
Distance	1.5m	Polarisation V	/+H	Modification State:	0



PLOT 9 Radiated Emissions - Bluetootooth - Tx - 14GHz to 18GHz

Company:	Sepura		Product:	STP9080	
Date:	11/09/14		Test Eng:	Peter Barlow	
Method:	ANSI C63.4		Method:		
Limit1:(RED)	FCC Restricte	ed Bands at 1.5m	Limit2:		
Limit3:			Limit4:		
Black: Low char Blue: Mid chann Red: High chann Manually rotated	nnel el 360 degrees in	n all axis.			
Facility:	Anech_2	Height 1	.5m	Mode:	Bluetooth
Distance	1.5m	Polarisation V	/ . LI	Madification States	
			τΠ	woull callon State.	0



PLOT 10 Radiated Emissions - Bluetootooth - Tx - 18GHz to 22GHz

Company:	Sepura		Product:	STP9080	
Company.				Datas Dask	
Date:	11/09/14		Test Eng:	Peter Barlow	
Method:	ANSI C63.4		Method:		
Limit1:(RED)	FCC Restricte	ed Bands at 1.5m	Limit2:		
Limit3:			Limit4:		
Black: Low char Blue: Mid chanr Red: High chanr Manually rotated	nel iel iel 1 360 degrees in	all axis.			
Facility:	Anech_2	Height 1	.5m	Mode:	Bluetooth
Distance	1.5m	Polarisation \	/+H	Modification State:	0
				moundation Otato.	0



PLOT 11 Radiated Emissions - Bluetootooth - Tx - 21GHz to 25GHz

Company:	Sepura		Product:	STP9080			
Date:	11/09/14		Test Eng:	Peter Barlow			
Method:	ANSI C63.4		Method:				
Limit1:(RED)	FCC Restricte	d Bands at 1.5m	Limit2:				
Limit3:			Limit4:				
Black: Low channel Blue: Mid channel Red: High channel Manually rotated 360 degrees in all axis.							
Facility:	Anech_2	Height	1.5m	Mode:	Bluetooth		
Distance	1.5m	Polarisation	V+H	Modification State:	0		
Angle	0-360	File:	H48117F5	Analyser:	R9		

PLOT 12 Radiated Emissions - Upper Band Edge - Vertical

Company:	Sepura		Product:	STP9080			
Date:	28/10/14		Test Eng:	Dave Smith			
Method:	ANSI C63.4		Method:				
Limit1:(RED)	FCC Restricte	d Bands@1.5m	Limit2:				
Limit3:			Limit4:				
High channel Vertical Black: 3MHz VBW Blue: 30Hz VBW Maximised height and angle - EUT upright and flat - measurement antenna vertical							
Facility:	Anech_2	Height	1m	Mode:	Bluetooth		
Distance	1.5m	Polarisation	V+H	Modification State:	0		
Angle	0-360	File:	H49285AD	Analyser:	R9		

PLOT 13 Radiated Emissions - Upper Band Edge - Horizontal

Company:	Sepura		Product:	STP9080			
Date:	28/10/14		Test Eng:	Dave Smith			
Method:	ANSI C63.4		Method:				
Limit1:(RED)	FCC Restricte	d Bands@1.5m	Limit2:				
Limit3:			Limit4:				
High channel Horizontal Black: 3MHz VBW Blue: 30Hz VBW Maximised height and angle - EUT upright and flat							
Facility:	Anech_2	Height	1m	Mode:	Bluetooth		
Distance	1.5m	Polarisation	Н	Modification State:	0		
	0.000						

PLOT 14 Duty Cycle

Company:	Sepura		Product:	STP9080			
Date:	28/10/14		Test Eng:	Dave Smith			
Method:	ANSI C63.4		Method:				
Limit1:(RED)	FCC Restricte	d Bands@1.5m	Limit2:				
Limit3:			Limit4:				
Duty cycle = 0.5							
Therefore additional factor to be added when measuring band edge according to 13.3.2 of D01 DTS V03r02 is 10*log (1 / 0.5) = 3.01dB							
Facility:	Anech_2	Height	1m	Mode:	Bluetooth		
Distance	1.5m	Polarisation	V+H	Modification State:	0		
Angle	0-360	File:	H49285B1	Analyser:	R9		