Mid Frequency (2.441GHz)

	VID		
1Pk Clrw		M1[1]	-10.49 dBr
		wifil	-2.25 µ
0 dBm		D2[1]	17.83 d
			1.02000 m
IKG 9.500 dBmpod			
dBm			
M1			
LO dBm			
20 dBm			
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0 dBm			
i0 dBm			
F 2.441 GHz	8000 pts		1.0 ms/

# 2DH5

M1[1]	0.55 dB) -1.00 µ 3.74 d 2.86800 m
A2 ▲	
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He was a supported by the support	

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## 8DPSK MiddleFrequency (2.441GHz)

Ref Level 30.00 dBm	Offset 11.20 dB 👄	RBW 1 MH	z				
Att 40 dB 👄	SWT 10 ms 👄	<b>УВЖ</b> З МН	z				
SGL Count 1/1	TRG: VID						
1Pk Clrw	1		5.4	1511			-7 17 dp
			M	1[1]			-2.25
20 dBm			D:	2[1]			11.08 0
				6	ns s	r	384.00
10 dBm TRG 9.500 dBm							
1	2						
0 dBm-	1						
M1							
-10 dBm							
-20 dBm							- lat
-30, dBm	booking a collaboration		dier with book	In the Letter.	that should be	s all all as	
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A set of the life of the set of the	d by the little band	on how silves	i dhe selle	dual	Loud . M.	Call Collega	of the Factor
-50 dBm							
-60 dBm				8			
CE 2 441 CHz		8000	nts				10 ms
		0000	P13	<u></u>			10 1115/

# 3DH3

Att 40 dB SWT	10 ms 👄 VBW 3 MH	łz	
SGL COUNT 1/1 TRG: VI     IPk Clrw	U		
20 dBm		M1[1] D2[1]	-13.35 dBn -2.25 μ 18.47 dt 1.62600 m
10 dBm TRG 9.500 dBm matching	Malana 2		
0 dBm	<b>A</b>	· · · · · · · · · · · · · · · · · · ·	
-10 dBm			
-20 dBm			
199 della a la contractiona a	an and the second	landatan pantah pantaging t	a lange part a later by the of the late
Hand phy how the phy film			
-50 dBm	1 1		
-60 dBm			
CF 2.441 GHz	8000	) pts	1.0 ms/

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----- The following blanks ------

# **Right earphone**

Please refer the graph as below:

GFSK Middle Frequency (2.441GHz) DH1

					_
Spectrum					
Ref Level 30.00 dBm	Offset 11.20 dB 👄	RBW 1 MHz			
Att 40 dB	👄 SWT 10 ms 👄	VBW 3 MHz			
SGL Count 1/1	TRG: VID				
●1Pk Clrw					a a a r draw
			MI[1]		-11.15 dBm
20 dBm-			-D2[1]		21.03 dB
	1400			3	374.00 µs
10 dBm TRG 9.800 d	iBm A		_		
0 dBm					-
	1				
-10 dBm	Ê				
-20 dBm					
			1811		
-30 dBm tartante martin	dela titta da a da angla da da	La later harvel ball and the the list	فأخارك والمالية والمالية	والمالية المالية والمتعادلة والمسالية الم	and the land will
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			I GLAT	· · · · · · · ·	
-50 dBm					
co dos		·			
-ou usm					
CF 2.441 GHz		8000 pts			1.0 ms/
			Peady.		X

Date: 26.0CT.2022 11:25:23

# DH3

			Ē
Ref Level 30.00 dBm Offse	t 11.20 dB 👄 RBW 1 MHz		
att 40 dB 🕳 SWT	10 ms 👄 VBW 3 MHz		
SGL Count 1/1 TRG:"	√ID		
IPK CIIW	M	1[1]	-3.28 dBm
		-(-)	-1.00 µs
20 dBm	D	2[1]	12.82 dE
		г т т	1.62100 ms
10 dBm TRG 9.800 dBm	4		
0 dBm			
10 dbm			
-10 0800			
20 d9m			
-20 0811	brow	and bady all of the bad show	
-30 dBoth		i di al li ma a	
	alige (Providence) (In Providence) (Pr		
s alt	المجرور والفاران المتعام والمراجع المحال	and the property of	h a h chi a che <mark>h a ch</mark> aila Martin, i
14. A huge to desire of a state	second to a trained by Lands the	1 halfs is	A high is a first first of the second second
-50 dBm			
-60 dBm			4
CF 2.441 GHz	8000 pts		1.0 ms/
TT TT	P.2	Press and	
1			

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### $\pi$ /4-DQPSK Middle Frequency (2.441GHz) 2DH1

SGL Count 1/1	0 dB 👄 SW	T 10 ms 👄 G:VID	VBW 3 MF	Z				
●1Pk Clrw				м	1[1]			-7.82 dBm
20 dBm				D:	2[1]			-2.25 µs 11.48 dE 384.00 µs
10 dBm TRG 9.	900 dBm			1				
0 dBm	M1			1	· · · · · · · · · · · · · · · · · · ·			
-10 dBm								
-20 dBm	_							
-39 dBm		HUT BALLAN	A LOUIS AN AL	mar lun her	Mary Hall	In a report	All for all a part	THE THREE THE
	n lan	an fil die de an		-	half-antel a			Pro Paret Alto
-50 dBm				c.	, I			
-60 dBm	_			1				
			0000					1.0 mg/

Date: 26.0CT.2022 11:31:29

Mid Frequency (2.441GHz)



Date: 26.0CT.2022 11:31:58

----- The following blanks ------

#### 2DH5 Spectrum Offset 11.20 dB ● RBW 1 MHz SWT 10 ms ● VBW 3 MHz Ref Level 30.00 dBm Att SGL Count 1/1 IPk Clrw 40 dB SWT TRG: VID -8.79 dBm -2.25 μs 16.28 dB 2.86800 ms M1[1] 20 dBm -D2[1] 10 dBm TRG 9.800 di Bm 0 dBm-M1 -10 dBm -20 dBm 30 dBm -50 dBm -60 dBm-CF 2.441 GHz 8000 pts 1.0 ms/ Date: 26.0CT.2022 11:30:58

### 8DPSK

# Middle Frequency (2.441GHz) 3DH1

pectrum			(the second seco
Ref Level 30.00 dBm Offset 11.20 dB - RBW 1	MHz		
Att 40 dB 🖷 SWT 10 ms 🖷 VBW 3	MHz		
GL Count 1/1 TRG: VID			
1Pk Clrw			
	M1[1]		0.82 dBn
			-1.00 µs
J dBm	D2[1]		6.25 dE
	1	а а	383.00 h
3 dBm TRG 9.900 dBm			
M1			
dBm-			
ID dBm			
:U dBm			2
			81 B. 10
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i0 dBm			
50 dBm	8		2
F 2.441 GHz 80	)00 pts	3097 - 207	1.0 ms/

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#### 3DH3 Spectrum Ref Level 30.00 dBm Att 40 dB SGL Count 1/1 P1Pk Clrw 00 dBm Offset 11.20 dB • RBW 1 MHz 40 dB • SWT 10 ms • VBW 3 MHz TRG:VID 0.30 dBm -1.00 µs 6.03 dB 1.62500 ms M1[1] 20 dBm -D2[1] 10 dBm TRG 9.900 dB M1 0 dBm--10 dBm -20 dBm -30 dBm All the light stars to alter in a state of the state o <mark>etter fransk fransk</mark> itt g prest in -50 dBm -60 dBm-CF 2.441 GHz 8000 pts 1.0 ms/ 4.367

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## 3DH5

JD115		
Spectrum		
Ref Level         30.00         dBm         Offset         30.00           Att         40 dB         SWT         SGL Count 1/1         TRG:VID	11.20 dB • <b>RBW</b> 1 MHz 10 ms • <b>VBW</b> 3 MHz	
●1Pk Clrw		
20 dBm	M1[1]	-7.42 dBm -2.25 μs 14.29 dB
		2.86900 ms
10 dBm TRG 9.800 dBm to date	philitics include the included by particular in the included by particular included by part	
0 dBm		
-10 dBm		
-20 dBm		
all demonstration of the second se	a shart of a share have	te linghada sayara dan suu ba
te altre de la facture de la construction de la		n n
-50 dBm		
-60 dBm		
CF 2.441 GHz	8000 pts	1.0 ms/

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#### 11. CONDUCTED EMISSION MEASUREMENT

### **11.1 LIMITS**

Frequency range	Limits	(dBµV)
Frequency range	Quasi-peak	Average
150kHz~0.5MHz	66~56	56~46
0.5MHz~5MHz	56	46
5MHz~30MHz	60	50

#### **11.2 TEST PROCEDURES**

#### **Procedure of Preliminary Test**

For measurement of the disturbance voltage the equipment under test (EUT) is connected to the power supply mains and any other extended network via one or more artificial network(s). An EUT, whether intended to be grounded or not, and which is to be used on a table is configured as follows:

- Either the bottom or the rear of the EUT shall be at a controlled distance of 40 cm from a reference ground plane. This ground plane is normally the wall or floor of a shielded room. It may also be a grounded metal plane of at least 2 m by 2 m. This is physically accomplished as follows:

1) Place the EUT on a table of non-conducting material which is at least 80 cm high. Place the EUT so that it is 40 cm from the wall of the shielded room, or

2) place the EUT on a table of non-conducting material which is 40 cm high so that the bottom of the EUT is 40 cm above the ground plane;

– All other conductive surfaces of the EUT shall be at least 80 cm from the reference ground plane;

- The EUT are placed on the floor that one side of the housings is 40 cm from the vertical reference ground plane and other metallic parts;

- Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth forming a bundle 30 cm to 40 cm long, hanging approximately in the middle between the ground plane and the table.

- I/O cables that are connected to a peripheral shall be bundled in the centre. The end of the cable may be terminated if required using correct terminating impedance. The total length shall not exceed 1 m.

The test mode(s) described in Item 2.5 were scanned during the preliminary test. After the preliminary scan, we found the test mode described in Item 2.5 producing the highest emission level. The EUT configuration and cable configuration of the above highest emission levels were recorded for reference of the final test.

#### **Procedure of Final Test**

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test. A scan was taken on both power lines, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. The test data of the worst-case condition(s) was recorded.

## **11.3 TEST SETUP**



#### **11.4 DATA SAMPLE**

Frequency (MHz)	QuasiPea k Reading (dBuV)	Averag e Readin g (dBuV)	Correctio n Factor (dB)	QuasiPea k Result (dBuV)	Averag e Result (dBuV)	QuasiPea k Limit (dBuV)	Averag e Limit (dBuV)	QuasiPea k Margin (dB)	Averag e Margin (dB)	Remark (Pass/Fail)
X.XXXX	32.69	25.65	11.52	44.21	37.17	65.78	55.79	-21.57	-18.62	Pass

Factor = Insertion loss of LISN + Cable Loss

Result = Quasi-peak Reading/ Average Reading + Factor

Limit = Limit stated in standard

Margin = Result (dBuV) – Limit (dBuV)

## **11.5 TEST RESULTS**

Pre-test all test mode and recorded the worst case BT DH5 2441MHz test results in the report.

# Left earphone

EUT Name	Wireless Earbuds	Model	E507A
Environmental Conditions	25.7℃/43%RH/101.0kPa	Test Mode	DH5 2441MHz
Tested By	Tang Shenghui	Line	Ĺ
Tested Date	2022-10-25	Test Voltage	AC120V/60Hz

(The chart below shows the highest readings taken from the final data.)



No.	Frequency	<b>QuasiPeak</b>	Average	Correction	QuasiPeak	Average	QuasiPeak	Average	QuasiPeak	Average	Remark
		reading	reading	factor	result	result	limit	limit	margin	margin	
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1500	25.13	3.50	9.61	34.74	13.11	65.99	56.00	-31.25	-42.89	Pass
2*	0.5740	24.98	8.64	9.60	34.58	18.24	56.00	46.00	-21.42	-27.76	Pass
3	1.1580	17.80	1.36	9.61	27.41	10.97	56.00	46.00	-28.59	-35.03	Pass
4	2.6020	15.60	-0.68	9.64	25.24	8.96	56.00	46.00	-30.76	-37.04	Pass
5	5.6820	14.18	-1.05	9.66	23.84	8.61	60.00	50.00	-36.16	-41.39	Pass
6	7.9140	16.92	0.61	9.69	26.61	10.30	60.00	50.00	-33.39	-39.70	Pass

**REMARKS:** L = Live Line

EUT Name	Wireless Earbuds	Model	E507A
Environmental Conditions	25.7℃/43%RH/101.0kPa	Test Mode	DH5 2441MHz
Tested By	Tang Shenghui	Line	N
Tested Date	2022-10-25	Test Voltage	AC120V/60Hz

(The chart below shows the highest readings taken from the final data.)



No.	Frequency	QuasiPeak	Average	Correction	QuasiPeak	Average	QuasiPeak	Average	QuasiPeak	Average	Remark
		reading	reading	factor	result	result	limit	limit	margin	margin	
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1500	25.29	2.66	9.60	34.89	12.26	65.99	56.00	-31.10	-43.74	Pass
2*	0.5820	24.34	10.93	9.59	33.93	20.52	56.00	46.00	-22.07	-25.48	Pass
3	1.1660	16.87	1.85	9.61	26.48	11.46	56.00	46.00	-29.52	-34.54	Pass
4	3.2940	11.31	-1.56	9.63	20.94	8.07	56.00	46.00	-35.06	-37.93	Pass
5	7.8580	12.62	-1.08	9.70	22.32	8.62	60.00	50.00	-37.68	-41.38	Pass
6	8.5060	14.21	-1.67	9.71	23.92	8.04	60.00	50.00	-36.08	-41.96	Pass

**REMARKS:** N = Neutral Line.

# **Right earphone**

EUT Name	Wireless Earbuds	Model	E507A
Environmental Conditions	25.7℃/43%RH/101.0kPa	Test Mode	DH5 2441MHz
Tested By	Tang Shenghui	Line	L
Tested Date	2022-10-25	Test Voltage	AC120V/60Hz

(The chart below shows the highest readings taken from the final data.)



No.	Frequency	QuasiPeak	Average	Correction	QuasiPeak	Average	QuasiPeak	Average	QuasiPeak	Average	Remark
		reading	reading	factor	result	result	limit	limit	margin	margin	
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1500	25.82	2.36	9.61	35.43	11.97	65.99	56.00	-30.56	-44.03	Pass
2*	0.5700	25.94	8.08	9.60	35.54	17.68	56.00	46.00	-20.46	-28.32	Pass
3	1.1580	18.66	1.12	9.61	28.27	10.73	56.00	46.00	-27.73	-35.27	Pass
4	1.9660	14.36	-0.97	9.63	23.99	8.66	56.00	46.00	-32.01	-37.34	Pass
5	7.8060	15.81	-0.69	9.69	25.50	9.00	60.00	50.00	-34.50	-41.00	Pass
6	8.6420	16.40	-0.46	9.70	26.10	9.24	60.00	50.00	-33.90	-40.76	Pass

**REMARKS:** L = Live Line

EUT Name	Wireless Earbuds	Model	E507A
Environmental Conditions	25.7°C/43%RH/101.0kPa	Test Mode	DH5 2441MHz
Tested By	Tang Shenghui	Line	N
Tested Date	2022-10-25	Test Voltage	AC120V/60Hz

(The chart below shows the highest readings taken from the final data.)



No.	Frequency	QuasiPeak	Average	Correction	QuasiPeak	Average	QuasiPeak	Average	QuasiPeak	Average	Remark
		reading	reading	factor	result	result	limit	limit	margin	margin	
	(MHz)	(dBuV)	(dBuV)	(dB)	(dBuV)	(dBuV)	(dBuV)	(dBuV)	(dB)	(dB)	
1	0.1500	26.13	3.14	9.60	35.73	12.74	65.99	56.00	-30.26	-43.26	Pass
2*	0.5820	24.42	10.42	9.59	34.01	20.01	56.00	46.00	-21.99	-25.99	Pass
3	1.1580	16.23	2.41	9.61	25.84	12.02	56.00	46.00	-30.16	-33.98	Pass
4	2.5900	10.59	-1.36	9.63	20.22	8.27	56.00	46.00	-35.78	-37.73	Pass
5	8.6100	14.84	-1.24	9.72	24.56	8.48	60.00	50.00	-35.44	-41.52	Pass
6	12.4300	11.42	-1.25	<b>9</b> .77	21.19	8.52	60.00	50.00	-38.81	-41.48	Pass

**REMARKS:** N = Neutral Line.

## 12. MAXIMUM PEAK OUTPUT POWER

## **12.1 LIMITS**

Regulation 15.247 (b)(1)For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

### **12.2 TEST PROCEDURES**

- 1) Remove the antenna from the EUT and then connect a low RF cable from the antenna port to the power meter and enable the EUT transmit continuously.
- 2) Keep the EUT in transmitting at lowest, middle and highest channel individually. Record the max value.

## **12.3 TEST SETUP**



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## **12.4 TEST RESULTS**

Environment: 24.2°C/48%RH/101.0kPa Tested By:Yang Zhaoyun

# **Left earphone** DH5

Voltage:DC 3.85V Date: 2022-10-26

Test Channel	Fundamental Frequency (GHz)	Max Output Power(dBm)	Limit (dBm)	Peak/ Average	Pass/Fail
Lowest	2.402	11.83			Pass
Middle	2.441	12.00	20.97	Peak	Pass
Highest	2.480	11.88			Pass

2DH5

Test Channel	Fundamental Frequency (GHz)	Max Output Power(dBm)	Limit (dBm)	Peak/ Average	Pass/Fail
Lowest	2.402	11.75			Pass
Middle	2.441	11.97	20.97	Peak	Pass
Highest	2.480	11.88			Pass

3DH5

Test Channel	Fundamental Frequency (GHz)	Max Output Power(dBm)	Limit (dBm)	Peak/ Average	Pass/Fail
Lowest	2.402	11.80	\$`		Pass
Middle	2.441	11.98	20.97	Peak	Pass
Highest	2.480	11.88			Pass O

# **Right earphone** DH5

Test Channel	Fundamental Frequency (GHz)	Fundamental Frequency (GHz)Max Output Power(dBm)		Peak/ Average	Pass/Fail
Lowest	2.402	12.34			Pass
Middle	2.441	12.44	20.97	Peak	Pass
Highest	2.480	12.22			Pass

## 2DH5

Test Channel	Fundamental Frequency (GHz)	Max Output Power(dBm)	Limit (dBm)	Peak/ Average	Pass/Fail
Lowest	2.402	12.30			Pass
Middle	2.441	12.40	20.97	Peak	Pass
Highest	2.480	12.23	(Å	5	Pass

3DH5

Test Channel	Fundamental Frequency (GHz)	Max Output Power(dBm)	Limit (dBm)	Peak/ Average	Pass/Fail
Lowest	2.402	12.31			Pass
Middle	2.441	12.42	20.97	Peak	Pass
Highest	2.480	12.20			Pass

Test result: The unit does meet the FCC requirements.

#### **13. CONDUCTED BAND EDGES AND SPURIOUS EMISSIONS**

#### **13.1 LIMITS**

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30dB instead of 20dB.

## **13.2 TEST PROCEDURES**

Test procedures follow KDB 558074 D01 DTS Measurement Guidance v05r02.

- 1) Remove the antenna from the EUT and then connect a low attenuation cable from the antenna port to the spectrum.
- 2) Set the spectrum analyzer: RBW =100KHz; VBW =300KHz, Frequency range = 30MHz to 26.5GHz; Sweep = auto; Detector Function = Peak. Trace = Max, hold.
- 3) Measure and record the results in the test report.
- 4) The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

#### **13.3 TEST SETUP**



## **13.4 TEST RESULTS**

Environment: 24.2°C/48%RH/101.0kPa Tested By: Yang Zhaoyun

Test result plot as follows:

### Left earphone

## **Band Edges**

DH5

### CH Low (2.35GHz ~2.405GHz)

Spect	trum											₩
Ref L Att	evel	20.00 di 30	Bm Offset dB SWT	11.20 dB 75.8 μs	RBW 1 VBW 3	00 kHz 00 kHz	Mode	Auto Fi	FT			
●1Pk V	iew					-						
10 dBm	-				_	_	M	1[1] 2[1]		2.	11.151 4021749 -42.39	dBn GH: dBn
0 dBm-	-		_		-	_			-	2.	4000000	GH
-10 dBr	n - C	1 -8.85	D dBm====	-	-	_		-	-		+	-
-20 dBr	n-+		-		-	_						_
-30 dBr	n-+		-	_	-	_			-	-		
-40 dBr	n-+								142	-	M2/	10
-So del	m	un	undante	man	Montemas	men	minan	whenthe	man Man	whomework	m	~1
-60 dBr	n-+			-								
-70 dBr	n		-		-	-					-	
Start 2	2.35 G	Hz			-	691 pts	8			Sto	p 2.405 C	GHz
Marker												
Туре	Ref	Trc	X-val	ue	Y-valu	Je l	Func	tion	Fu	unction Res	ult	
M1		1	2.402	2174 GHz	11.1	5 dBm						
M2		1		2.4 GHz	-42.3	3 dBm						
M3	-	1		2.39 GHz	-49.0	0 dBm						
M4		1	2.3999	783 GH2	-41.0	a anu						_
		Л						Mer	· · · · · ·	NAME AND ADDRESS OF TAXABLE PARTY.	176	

Spectrum Ref Level 20.00 dBm Att 30 dB Offset 11.20 dB ● RBW 100 kHz SWT 75.8 µs ● VBW 300 kHz Mode Auto FFT 1Pk Vi M1[1] 10 dBn M2[1] 0 dBm 01 -8.970 -10 dBm -20 dBm -30 dBm 40 dBm X. Ma rh. -50 dBm--60 dBm -70 dBn Start 2.35 GHz 691 pts Stop 2.405 GHz larker Type Ref Trc M1 1 Y-value 11.03 dBm -44.41 dBm -48.54 dBm -45.31 dBm X-value 2.402015 GHz 2.4 GHz 2.39 GHz 2.3657826 GHz Function Function Result M2 M3 M4

Date: 26.0CT.2022 10:19:18

Date: 26.0CT.2022 10:05:48

Voltage:DC 3.85V Date: 2022-10-26

₩

# CH High (2.47GHz ~ 2.55GHz)

Spect	rum						E
Ref L	evel :	20.00 dBi 30 d	m Offset 11.20 de B SWT 94.8 us	<ul> <li>RBW 100 kHz</li> <li>VBW 300 kHz</li> </ul>	Mode Auto F	FT	
1Pk Vi	ew	00 0	e ent shep.		Mode Autor		
10 dBm	1	11			M1[1]		11.07 dBm 2.480010 GHz -47.15 dBm
0 dBm-	_	<u> </u>					2.483500 GH
-10 dBm	<b>1</b>	1 -8.930	dBm:				
-20 dBn						-	
-30 dBn		+					
-40 dBm		AM2	114 V	Mo			
-50 dBm	M	Wer	ut an an and and the	They will work when	muniphanth	withennesser	mannen
-60 dBm	+						
-70 dBm	-						
Start 2	.47 G	Hz		691 pts			Stop 2.55 GHz
1arker							
Type	Ref	Trc	X-value	Y-value	Function	Fur	nction Result
M1		1	2.48001 GHz	11.07 dBm			
M2		1	2.4835 GHz	-47.15 dBm			
M3		1	2.5 GHz	-49.45 dBm			
M4		1	2 486696 GHz	-44.74 dBm			

Date: 26.0CT.2022 10:08:36

			04			100 111-						7
Att	evel 2	30.00 aBi	m Offset 1 B SWT	94.8 US		100 kHz	Mode	Auto El	FТ			
1Pk Vi	ew	00 0	0 011	o no po	- TDN	000 1112	mode	Autori				
			1				M	1[1]				11.22 dB
O dBm							_				2.	470170 GH
(7)7771	401A	n					M	2[1]				-47.17 dB
idBm+	лиц		-		_				_		2.	483500 GH
01111	I A A A A	1										
10 dBn		-8.780	dBm:		-	_			-	-		
		1										
20 dBm												
30 dBm		1										
00 001												
40 dBm		1						-			M4	
	°   -	MM2	Meleman	Man und	3 mm	mana and	n .hu.	America	AL 1	- N.U	whenen	and aland
50 dBm	-	When .	4		with the second s		al market	1	- +Cu>-cuto	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
60 dBm	+											
70 dan												
70 ubn	·											
Start 2	47 G	17				691 nts					Sto	n 2 55 GHz
larker												
Type	Ref	Trc	X-value	1	Y-va	ilue	Func	tion		Fund	ion Resul	lt
M1		1	2.4701	7 GHz	11	.22 dBm						
M2		1	2.483	5 GHz	-47	17 dBm						
MЗ		1	2.	5 GHz	-47	.90 dBm						
M4		1	2.53550	7 GHz	-44	67 dBm						

Date: 26.0CT.2022 10:22:35

2DH5	
CH Low (2.35GI	Hz ~2.405GHz

Spect	rum									(
Ref L	evel :	20.00 dBm	Offset 1	1.20 dB (	RBW 100 kHz	2				
Att		30 dB	SWT	75.8 µs (	VBW 300 kHz	Mode A	uto FFT			
🛛 1Pk Vi	ew									
						M1[	1]			11.07 dB
10 dBm									2.4	020150 GI
10 000						M2[	1]			-42.35 dB
0 dBm-	_		-					-	2.4	0000Ø0 GI
-10 dBm		1 -8.930 0	iBm====					-		
					1 1					
-20 dBm	1									
20 40-										11
-30 UBI										1.1 4
-40 dBm	<u> </u>				_					12 1
								МЗ		2
-50 dBn	m h	Minan	mensorthun	utraver	repender may	montent	unane	man Nora New	monorman	M
					1 1					
-60 dBm	1-							-	-	-
-/U dBm										
Start 2	.35 G	Hz			691 p	ts			Stop	2.405 GH
Marker										
Type	Ref	Trc	X-value	6	Y-value	Functio	on 📔	Fun	ction Resul	t
M1		1	2,4020	L5 GHz	11.07 dBm					
M2	_	1	2	.4 GHz	-42.35 dBm					
M4		1	2 30007	B3 GH2	-49.35 dBm					
1014		-	2.333370		40.40 Ubin	1				-
		Л						Ritter III		10

Ref L	evel	20.00 dBn 30 dB	Offset	11.20 dB	<ul> <li>RBW 100 kHz</li> <li>VBW 300 kHz</li> </ul>	Mode	Auto F	FT		
●1Pk Vi	ew									
10 dBm	_					N	11[1] 12[1]		2.4	11.06 dBm 049600 GHz -43.37 dBm
0 dBm-	-				+		1	-	2.4	00000000
-10 dBn		1 -8.940 (	dBm:				-			
-20 dBm	+			-	-		-			
-30 dBr	-									
-40 dBm	-					M4		M3		M
-50 dBm	1 martin	amunit	owner and	munit	mannen		Moto Turker	en e		nero
-60 dBm	+				+ +		-			
-70 dBm	1-						-			
Start 2	.35 G	Hz			691 p	s			Stop	2.405 GHz
Marker										
Type	Ref	Trc	X-valu	ie	Y-value	Fund	tion	F	unction Resu	ít
M1		1	2.40	496 GHz	11.06 dBm					
M2		1		2.4 GHz	-43.37 dBm					
M3		1	2	.39 GHz	-47.99 dBm					

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# CH High (2.47GHz ~ 2.55GHz)

Spect	rum							
Ref L	evel	20.00 dB	m Offset	11.20 dB	BW 100 kHz			
Att	0.11/	30 d	B SWT	94.8 µs	VBW 300 kHz	Mode Auto	FFT	
10 dBm		M1				M1[1] M2[1]		11.10 dBm 2.480010 GHz -48.76 dBm
0 dBm—	-	1	-	-	-			2.483300 GHz
-10 dBm	1-0	1 -8.900	dBm=====					
-20 dBm	-				-			
-30 dBm		4			_			_
-40 dBm	nur	M2	manna	M	3 mmmm	warning www	19124	an manan palamental
-60 dBm	-							
-70 dBm	+							
Start 2	.47 G	Hz			691 pts			Stop 2.55 GHz
larker								
Type	Ref	Trc	X-value	9	Y-value	Function	Fu	Inction Result
M1	_	1	2.480	01 GHz	11.10 dBm		-	
M2		1	2.48	35 GHz	-48.76 dBm		22	
M3 M4		1	2.5231	01 GHz	-49.00 dBm -45.55 dBm			
		Y						444

Date: 26.0CT.2022 10:13:04

Ref Level	20.00 d 30	Bm Offset dB SWT	11.20 dB	RBW 100 kHz	Mode	Auto FFT			
●1Pk View									
MUL	M				M1 M2	[1] [1]		2.	11.18 dBm 473990 GHz -47.46 dBm 483500 GHz
0 dBm			-			· · · · · · · · · · · · · · · · · · ·	1		TOODOO GITE
-10 dBm	01 -8.82	0 dBm=====							
-20 dBm	_								-
-30 dBm	+		_						
-40 dBm	.IM2		M	3				M4	-
-50 dBm	Tr	womenen	human	www.	user market	monum	summerch	maine	manan
-60 dBm		_							
-70 dBm		-							-
Start 2.47 (	GHz			691 pt	s			Sto	p 2.55 GHz
Marker									
Type   Ref	Trc	X-val	ue	Y-value	Funct	ion	Fun	ction Resu	lt
M1	1	2.47	'399 GHz	11.18 dBm					
M2	1	2.4	1835 GHz	-47.46 dBm					
M3	1		2.5 GHz	-47.90 dBm					
M4	1	2.534	928 GHz	-44.69 dBm					

Date: 26.0CT.2022 10:28:41

3DH5	
CH Low (2.35GHz -	~2.405GHz

el 20.00 dB 30 d	m Offset 11.20 dB				
	dB <b>SWT</b> 75.8 μs	<ul> <li>RBW 100 kHz</li> <li>VBW 300 kHz</li> </ul>	Mode Auto F	FT	
	50 B				
			M1[1]		11.22 dBm 2.4021749 GHz -42.48 dBm
-		-		-	2.4000000 GH2
D1 -8.780	dBm:				
				MB	4
marks	waren manurul	and a second marked	hundred have	horn some the when	Armanen al
				10	
5 GHz		691 pts			Stop 2.405 GHz
ef Trc	X-value	Y-value	Function	Fun	iction Result
1	2.402174 GHz	11.22 dBm			
1	2.4 GHZ	-42.45 GBm			
1	2.39 GHz	-42.17 dBm			
	=01 -8.780	E01 -8.780 dBm =01 -8.780 dBm = 01 -8.	61 -8.780 dBm         691 pts           6 GHz         691 pts           1         2.402174 GHz         11.22 dBm           1         2.402174 GHz         11.22 dBm           1         2.402174 GHz         11.24 GHz           1         2.402174 GHz         11.24 GHz           1         2.402174 GHz         11.22 dBm           1         2.402174 GHz         -42.45 dBm           1         2.3999783 GHz         -42.17 dBm	6Hz         691 pts           1         2.402174 GHz         11.22 dBm           1         2.402174 GHz         11.22 dBm           1         2.402174 GHz         -42.45 dBm           1         2.3999783 GHz         -42.17 dBm	6 GHz         691 pts           1         2.402174 GHz         11.22 dBm           1         2.402174 GHz         11.22 dBm           1         2.4 GHz         -42.45 dBm           1         2.3999783 GHz         -42.17 dBm

Date: 26.0CT.2022 10:14:41

Spect	rum						Ē
Ref L	evel	20.00 dBm	Offset 11.20 dB	RBW 100 kHz			
Att		30 dB	SWT 75.8 µs	• VBW 300 kHz	Mode Auto F	FFT	
●1Pk Vi	iew			20 D			
					M1[1]		11.03 dBm
10 dBm							2.4040050 GMz
					M2[1]		-46.35 dBm
0 dBm-	-			-		Ê	2.4000000 GH2
-10 dBn	n=P	1 -8.970 dBn	)				
-20 dBn	0						
-30 dBn							
00 001							1
-40 dBn	n		1/1+1	-			1
media	~		- instance of	mat	Manufana Barris	M3 m	margane
-50 dBn	n	and and and and		mmmmm		- Country and -	
-60 dBn	0						
-70 dBo							
70 000							
Start 7	25.0	LI-7		601 nts			Stop 2 405 CHz
Markor		112		091 pt3			3(0) 2.403 0112
Tuno	Pof	Tre	Y-value	Y-value	Eunction	Eu	action Result
M1	Kei	1	2.404005 GHz	11.03 dBm	Tunction	1 1 1	iction Result
M2		1	2.4 GHz	-46.39 dBm			
MЗ		1	2.39 GHz	-49.04 dBm			
M4		1	2.3664203 GHz	-45.22 dBm			
	_	1					AM

Date: 26.0CT.2022 10:30:07

# CH High (2.47GHz ~ 2.55GHz)

Spect	rum						E
Ref Lo Att	evel 3	20.00 dBm 30 dB	n Offset 11.20 de 3 SWT 94.8 µs	<ul> <li>RBW 100 kHz</li> <li>VBW 300 kHz</li> </ul>	Mode Auto F	FT	
1Pk Vi	ew						
10 dBm	1	M1			M1[1] M2[1]		11.18 dBm 2.480130 GHz -49.43 dBm
0 dBm—							2,483500 GHz
-10 dBm	D	1 -8.820 (	dBm:				
-20 dBm							
-30 dBm	4	1					
-40 dBm	Ŧ	her		M3 M4		_	
-50 dBm	~	12 mg	minutenentrust	2. Kay and Marshar	water	mound	y Marine her warden
-60 dBm	+						
-70 dBm							
Start 2	.47 G	Hz		691 pts	( )		Stop 2.55 GHz
1arker							
Type	Ref	Trc	X-value	Y-value	Function	Fun	ction Result
M1		1	2.48013 GHz	11.18 dBm			
M2		1	2.4835 GHz	-49.43 dBm			
MЗ		1	2.5 GHz	-48.67 dBm			
544		1	2 506174 GHz	-45 12 dBm			

Date: 26.0CT.2022 10:17:33

Spect	rum											<b>T</b>
Ref L	evel a	20.00 dBr	m Offset	11.20 dB	RBW 10	0 kHz						
Att		30 d	B SWT	94.8 µs	VBW 30	0 kHz	Mode	Auto F	FT			
1PK VI	ew		1	1	1	-	5.4	1[1]				11.00 dD.
1							141	1[1]			2	471220 GH
Q dBm	1111	X	-	1	-	+	M	2[1]				-47.52 dBr
00000	shine	1									2.	483500 GH
asm-												
10 dBm		8.710	dBm:					-				
20 000												
20 dBm	1-	-			_	-		-	_	<u></u>		
		1	1									
30 dBm	-		1	-	-	+		-	-			
		1										
40 dBm	די	LM2		N	13	-			_			
50 daw		"home	howard	menun	and more an	ma	hanging	menen	men	mound	marine	wanterdura
JU UBII	-											
60 dBm	-											-
	°		1									
70 dBm	1				-	-			-	-		-
Start 2	.47 GI	Hz			6	91 pts					Sto	p 2.55 GHz
larker												
Type	Ref	Trc	X-valu	e	Y-value	3	Func	tion		Fun	ction Resu	lt
M1		1	2.471	22 GHz	11.29	dBm						
M2		1	2.48	35 GHz	-47.52	dBm						
M3		1		2.5 GHz	-47.92	dBm						
M4		1	2.5036	23 GHz	-44.87	aBm						

Date: 26.0CT.2022 10:34:44

Spurious Emissions DH5 CH Low

Ref Level         30.00 dBm         Offset         11.2           Att         30 dB         SWT         18.           Count         10/10         10         10	0 dB 👄 <b>RBW</b> 100 kHz 9 µs 🖶 <b>VBW</b> 300 kHz Mode Auto FFT	
1Pk View		
	M1[1]	11.25 dBr 2.40215850 GH
20 dBm		
L0 dBm		
) dBm		
10 dBm		
28 dBm		
30 dBm		
40 dBm		
50 dBm		
60 dBm		
CF 2.402 GHz	691 pts	Span 1.5 MHz

Spectrum									
Ref Level Att Count 10/10	15.00 dBm 20 dB	Offset SWT	11.20 dB 👄 1.1 ms 👄	RBW 100 k VBW 300 k	Hz Hz <b>Mode</b>	Auto FFT			
●1Pk View									
10 dBm					M	1[1]	r	844	55.26 dBm .6920 MHz
0 dBm									
-10 dBm0	01 -8.750 0	IBm					10 10 10		
-20 dBm									
-30 dBm									
-40 dBm				7	2		× .		
-50 dBm								M1	
				-			white white	MACHAN	ANN
-70 dBm					4				
-80 dBm									
start 30.0 M	MHZ			3000	1 pts		_	Sto	p 1.0 GHz
	11						and the second se	100 Mill 444	

Date: 26.0CT.2022 10:06:09



Date: 26.0CT.2022 10:06:28

# CH Mid

M1[1		2.441	11.26 dB
M1		2.441	15850 GH
M1			1
1 1	<u></u>		
	_		
		-	
			<u> </u>
_			
01			

Date: 26.0CT.2022 10:07:17

# Report No.: E20221011998501-3

M1[1]	
M1[1]	
M1[1]	
	-56.04 dBm 879.9990 MHz
	M1
the second states and the se	un and the second of the secon
	30001 pts

Date: 26.0CT.2022 10:07:29

Ref Level 15.00 c Att 20	dB SWT	11.20 dB 👄 255 ms 👄	<b>VBW</b> 300 k	Hz Hz <b>Mode</b>	Auto Sweep	p		
91Pk View								
				M	1[1]			10.86 dBr
TO GOM MIX				M	2[1]		2.4	41130 GH
0 dBm					2[1]		3.6	61350 GH
-10 dBm D1 -8.74	10 dBm							
-20 dBm	_							
-30 dBm	_							
-40 dBm			7					
-50 dBm2								
and an all was a second	All and a she have	and the state		and the second	have behild	Diofish	personal server	بالأمديم بالريد
and the second s	When y	and the standard		(LANIN)		- Aller		and the property of the
-70 dBm			-			-		
-80 dBm								
Ptaut 1.0 CUa			2000	1 ntc			Stor	26.5.047

Date: 26.0CT.2022 10:07:48

# Report No.: E20221011998501-3

CH High

Att 30 dB	Offset 11.20 dB 🖷 R SWT 18.9 µs 🖷 V	BW 100 kHz BW 300 kHz M	ode Auto FFT	
1Pk View				
			M1[1]	11.14 dBn
20 dBm			+ +	2.48015630 GH
			NII	
.0 dBm	/			
dBm-				
10 dBm				
28 dBm				
30 dBm				
40 dBm				
50 dBm				
(0 d0				
E 2.48 GHz		691 nts		Snan 1.5 MHz
Y			Measuring	A49

Spectrum	1	ſ								E
Ref Level	15.0	0 dBm	Offset	11.20 dB 🖷	<b>RBW</b> 100	kHz				
e Att		20 dB	SWT	1.1 ms 🖷	<b>VBW</b> 300	kHz Mod	e Auto FFT			
Count 10/1	0									
⊖1Pk View										
10 10 -						1	M1[1]			56.43 dBm
10 dBm								E.	700	5.7630 MHz
0 dBm							-			
-10 dBm	D1 -8	8.860 dB	m							
-20 dBm		-		-	-	-	-			
-30 dBm-						-				
-40 dBm										
io abiii									1	
EQ dQm										
-50 UBIII							M	1		
Lange L	1				1 1 1 4 1 1		In all h	And	and a differ	A Harden H H.
न्द्रण्या गुरुषा का क		The state				ता च का न का न		h h h h h h	VINNIN V	Law VI
				and a second of		1 (1) (1) (1) (1) (1)				
-70 dBm					-					-
-80 dBm				-	-	-	-			
Start 30.0	MHz			1	300	01 pts	-	I	Sto	p 1.0 GHz
	٦r						Monente		CONTRACTOR AND	8
										- //

Date: 26.0CT.2022 10:08:57



Date: 26.0CT.2022 10:09:16

## 2DH5 CH Lov

Beff and an and	06			
Att 30 dl Count 10/10	B SWT 18.9 μ	5 <b>• VBW</b> 300 kHz	Mode Auto FFT	
1Pk View				
			M1[1]	11.11 dE 2.40199780 G
20 dBm-				
		MI		
10 dBm-				
1 dBm				
denn				
10 d8m				
20 dBm	<u> </u>			
-30 dBm				
40 dBm				
10 dbin				
-50 dBm				
-60 dBm				
CF 2.402 GHz	* *	691 pt:	5	Span 1.5 MH

Date: 26.0CT.2022 10:10:24

Ref Level 15.00 dBm Offse	t 11.20 dB 👄 RBW 10	D kHz		
Att 20 dB SWT Count 10/10	1.1 ms 👄 VBW 30	0 kHz Mode Auto FFT		
1Pk View				
LO dBm-		M1[1]	. 8	-54.57 dBm 64.4150 MHz
) dBm				
10 dBm D1 -8.890 dBm				
20 dBm				
30 dBm				
40 dBm				
50 dBm			MI	
de iden which it has not a but	ANNO NON	ANNO MARKAN	-	Water
70 dBm				
80 dBm				
start 30.0 MHz	30	001 pts	S	top 1.0 GHz

Date: 26.0CT.2022 10:10:36

Att 20 dB 1 Count 10/10	SWT 255 ms 👄 V	BW 300 kHz Mode	e Auto Sweep	
10 dBm		1	M1[1]	5.35 d
		P	M2[1]	2.402030 0 -51.23 d 16.174200 0
10 dBm 01 -8.890 dBm				
20 dBm				
-30 d6m				
40 dBm				
50 dEm	<i>c</i>	1		
			Halisoli i Artislan ula ellaki Mariana harapapapaparana	A darma personalitation and instruction
70 dBm				
80 dBm				
Start 1.0 CHz		30001 pts		Stop 26.5 G

Date: 26.0CT.2022 10:10:55