

# 3.5. 20dB Bandwidth

Limit

N/A

# **Test Configuration**



#### **Test Procedure**

- 1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- 2. OCB and 20dB Spectrum Setting:
  - (1) Set RBW =  $1\% \sim 5\%$  occupied bandwidth.
  - (2) Set the video bandwidth (VBW)  $\geq$  3 RBW.
  - (3) Detector = Peak.
  - (4) Trace mode = Max hold.
  - (5) Sweep = Auto couple.

Note: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

# **Test Mode**

Please refer to the clause 2.4.

#### **Test Result**

Modulation	Channel	99% Bandwidth (MHz)	20 dB Bandwidth (MHz)	20dB Bandwidth *2/3 (MHz)
	0	0.87368	0.9668	0.645
GFSK	39	0.87312	0.9566	0.638
	78	0.87444	0.9578	0.639
π/4DQPSK	0	1.1984	1.280	0.853
	39	1.1849	1.283	0.855
	78	1.1932	1.283	0.855
	0	1.1921	1.297	0.865
8DPSK	39	1.1988	1.302	0.868
	78	1.1961	1.296	0.864

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99% Bandwidth:



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# 3.6. Channel Separation

Limit

# FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(1) / RSS-247 5.1 b

Test Item	Limit	Frequency Range (MHz)	
Channel Separation	>25kHz or >two-thirds of the 20 dB bandwidth Which is greater	2400~2483.5	

# **Test Configuration**



### **Test Procedure**

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.

- 2. Spectrum Setting:
  - (1) Set RBW = 100 kHz.
  - (2) Set the video bandwidth (VBW)  $\geq$  3 RBW.
  - (3) Detector = Peak.
  - (4) Trace mode = Max hold.
  - (5) Sweep = Auto couple.

# Test Mode

Please refer to the clause 2.4.

#### Test Result

Modulation	Packet	Left Center frequency (MHz)	Right Center frequency (MHz)	Hopping Frequency Separation (MHz)	Limit (MHz)	Result
GFSK	DH5	2440.0147	2441.0234	1.0087	0.638	PASS
π/4DQPSK	2-DH5	2439.8635	2440.8668	1.0033	0.855	PASS
8DPSK	3-DH5	2440.1869	2441.1941	1.0072	0.868	PASS

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Center Free 24105000 CHz in the internet in the free Hall and will be approximately internet in the free Hall and will be	Agilent Spectrum Analyzer - Swept SA	Agilent Spectrum Analyzer - Swept SA
Advert 1.003 Mile Control	Center Freq 2.440500000 GHz Descart Augustation Augustation Object Augustation Consistent Augustation Consistent Augustation Constraint	Center Freq 2.4400500000 GHz PHO: Wide -+- Trig: Free Run Avg Type: Log-Pwr Tree Development Free Run Avg Type: Log-Pwr Tree Development FGeiatcow #Atten: 30 dB cell
Image: constraint of the second se	Ref Offset 0.5 dB         ΔMkr1 1.008 7 MHz           10 dB/div         Ref 15.00 dBm         0.053 dB	Ref 0ffset 0.5 dB         ΔMkr1 1.003 3 MHz           10 dB/div         Ref 15.00 dBm         -0.038 dB
no       no <td< th=""><th></th><th></th></td<>		
Center 2.440500 CHz reading of Christian Chri	-50	25.0
Image: Control frequencies     Image: Control frequencies <th>Center 2.440500 GHz Span 3.000 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.333 ms (10000 pts)</th> <th>Center 2.440500 GHz Span 3.000 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.333 ms (10000 pts)</th>	Center 2.440500 GHz Span 3.000 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.333 ms (10000 pts)	Center 2.440500 GHz Span 3.000 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 1.333 ms (10000 pts)
All for the source of the sour	GESK	
Ref Offset03 dB     LMMRT 1.00/2 MIR2       00     0.101 dB	Addem Spectram Analyzer. Swept SA         Same Set	
		Void
8DPSK	Center 2440500 GH2 Span 3.000 MH2 #Res BW 100 kHz #VBW 300 kHz Sweep 1.333 ms (10000 pts) moci [status]	
	Venter         Zame         Zame         Span 3,000 MHz         Spa	



# 3.7. Number of Hopping Channel

Limit

# FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(iii) / RSS-247 5.1 d

Section	Test Item	Limit	
15.247 (a)(iii) RSS-247 5.1 d	Number of Hopping Channel	≥15	

# **Test Configuration**



#### **Test Procedure**

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.

2. Spectrum Setting:

(1) Peak Detector: RBW=100 kHz, VBW ≥ RBW, Sweep time= Auto.

# Test Mode

Please refer to the clause 2.4.

#### **Test Result**

Modulation	Packet	Number of Hopping Channel	Limit	Result
GFSK	DH5	79	15	PASS
π/4DQPSK	2-DH5	79	15	PASS
8DPSK	3-DH5	79	15	PASS

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Aglent Spectrum Analyzer - Swept SA (20 R T RF 50.0 AC Center Freq 2.441750000 GHz	SENSE:INT PNO: Fast →→ Trig: Free Run IFGain:Low #Atten: 26 dB	ALIGNAUTO 07: Avg Type: Log-Pwr Avg]Hold: 10/10	7:38:33PM Aug 09, 2023 UK R T TRACE 22:34 9 C TYPE DEP P P P	pectrum Analyzer - Swept SA RF 50.2 AC r Freq 2.441750000 GHz	SBNSE:INT AL PNO: Fast →→ Trig: Free Run FGain:Low #Atten: 26 dB	Construction         D4:48:44 AM Aug 14;           Avg Type: Log-Pwr         TRACE           Avg[Hold>10/10         Type           Det [P P P         Det [P P P
Ref Offset 0.5 dB 10 dB/div Ref 15.00 dBm			10 dB/d	Ref Offset 0.5 dB Iv Ref 15.00 dBm		
5 00						
450 	#VBW 300 kHz	Stor Sweep 8.000	65 0 65 0 75 0 0 ms (1001 pts) #Res E	240000 GHz 3W 100 kHz	#VBW 300 kHz	Stop 2.48350 G Sweep 8.000 ms (1001 p
MSG	Hopping Pl GFSK	ot	MSG		Hopping Plot π/4DQPSK	STATUS
Aglent Spectrum Analyzer - Swept SA I R T RF 500 AC Center Freq 2.441750000 GHz	SENSE.B/T PNO: Fast ↔ Trig: Free Run IFGain:Low #Atten: 26 dB	ALIGN AUTO 05 Avg Type: Log-Pwr Avg Hold: 10/10	509:35.4M Aug 14, 2023 TRACE 12 3 4 5 5 TYPE M MANAAMA DET P P P P P			
10 dBMV Ref 15.00 dB 5.00 5.		unter and a second a start of the			Void	
46 0 66 0 77 0 Start 2.40000 CHz FRes BW 100 KHz FRes BW 100 KHz	#VBW 300 kHz	Stop Sweep 8.000	pp 2.48350 GHz) 0 ms (1001 pts)			
	Hopping Pl 8DPSK	ot				

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# 3.8. Dwell Time

<u>Limit</u>

# FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(iii) / RSS-247 5.1 d

Section		Test Item	Limit	
	15.247 (a)(iii) RSS-247 5.1 d	Average Time of Occupancy	0.4 sec	

### Test Configuration



#### **Test Procedure**

- 1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- 2. Spectrum Setting:
  - (1) Spectrum Setting: RBW=1MHz, VBW≥RBW.
  - (2) Use video trigger with the trigger level set to enable triggering only on full pulses.
  - (3) Sweep Time is more than once pulse time.
  - (4) Set the center frequency on any frequency would be measure and set the frequency span to

zero.

- (5) Measure the maximum time duration of one single pulse.
- (6) Set the EUT for packet transmitting.

#### Test Mode

Please refer to the clause 2.4.

#### Test Result

Modulation	Packet	Channel	Pulse Width (ms)	Number of Pulses in 31.6 seconds	Dwell Time (ms)	Limit (ms)	Result
GFSK	DH5	CH39	2.896	110	318.56		PASS
π/4DQPSK	2-DH5	CH39	2.896	108	312.77	< 400	PASS
8DPSK	3-DH5	CH39	2.880	114	328.32		PASS

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# 3.9. Peak Output Power

<u>Limit</u>

# FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(1) / RSS-247 5.4 b

Section	Test Item	Limit	Frequency Range (MHz)
FCC CFR 47 Part15.247 (b)(1)	Maximum Conducted Output Power	Hopping Channels≥75, Power <1W(30dBm); Others <125mW(21dBm)	2400~2483.5
ISED RSS-247 5.4 b	EIRP	4 Watt or 36dBm	2400~2483.5

# Test Configuration



# Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.

- 2. Spectrum Setting:
  - (1) Set RBW > 20dB Bandwidth.
  - (2) Set VBW ≥ RBW.
  - (3) Detector = Peak.
  - (4) Trace mode = Max hold.
  - (5) Sweep = Auto couple.
  - (6) Span = Approximately five times the 20dB bandwidth, centered on a hopping channel.

#### Test Mode

Please refer to the clause 2.4.

#### Test Result

Modulation	Packet Type	Channel	Peak Output Power (dBm)	Limit (dBm)	Result
		0	1.306		PASS
GFSK	DH5	39	1.253		PASS
		78	0.319	< 30	PASS
	2-DH5 3-DH5	0	2.224		PASS
π/4DQPSK		39	2.024		PASS
		78	1.165		PASS
8DPSK		0	2.581		PASS
		39	2.397		PASS
		78	1.534		PASS

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State Area Schoolson Cetter     Balance State Willing State State Willing State St	Agilent Spectrum Analyzer - Swept SA	CTACC B (C	11/20141/02 DC/07/24/24 4 20. 2022	Agilent Spectrum Analyzer - Swept SA		
Image: Sector of the sector	Center Freq 2.402000000 GHz	D: Fast Trig: Free Run	Avg Type: Log-Pwr TRACE 2:04 F Avg Hold: 100/100 TYPE	Center Freq 2.441000000 GHz	PNO: Fast Trig: Free Run	Avg Type: Log-Pwr TRACE 2 2 4 5 5 Avg Hold: 100/100 Type Depend
Image: Section of the section of th	Ref Offset 0.5 dB	In:Low WAtter: 20 db	Mkr1 2.401 780 GHz	Ref Offset 0.5 dB	IFGaintLow #Atten. 20 db	Mkr1 2.440 910 GHz
Image: Second Control of Co	10 dB/div Ref 15.50 dBm		1.500 UBII	10 dB/div Ref 15.50 dBm		1.205 UBII
Here Land Here Lan	5.50	1		5.50	→ ↓ 1	
Image: Section of the section of t	-4.50			-4.50		
Provide Control of Contro	-14.5			-14.5		
Image: State in the state	-24.5			-24.5		
Peak Output Power GFSK_Channel 0       Control of the second of the	-34.5			-34.5		
Here 2.40000 GHz     GFSK_Channel 0     GFS	-44.5			-44.5		
Desk Output Power     Desk Output Po	-54.5			-54.5		
A Decision Office and a decision of the second of the s	-64.5			64.5		
Centre 2.41000 GHz VERU 3.1010 Control 1.000 GHZ VERU 3.1010 GHZ VERU 3.1010 Control 1.000 GHZ VERU 3.1010 GHZ VERU 3.1010 GHZ	-74.5			-74.5		
Construct 2000 CBC Transport C						
Peak Output Power GFSK Channel 39	Center 2.402000 GHz #Res BW 3.0 MHz	#VBW 3.0 MHz	Span 5.000 MHz #Sweep 1.000 ms (1001 pts)	Center 2.441000 GHz #Res BW 3.0 MHz	#VBW 3.0 MHz	Span 5.000 MHz #Sweep 1.000 ms (1001 pts)
Certer Freez Automotion	MSG	Pook Output Be	STATUS	MSG	Book Output B	STATUS
Product Participation Control Part of the Second Part of t	· · · · · · · · · · · · · · · · · · ·	GFSK Channe	el O		GFSK Channe	el 39
Center Free 2.4800000 CH2 Res 29/ 30 Mc 200000 CH2 Res 29/ 30 Mc 20000 CH2 Res 29/ 30 Mc 200000 CH2 Res 29/ 30 Mc 20000 CH2 Res 29/ 30 Mc 200000 CH2 Res 29/ 30 Mc 20000 CH2 Res 20/ 30 Mc 20000 CH2 Res 200	Agilent Spectrum Analyzer - Swept SA	SENSE:INT	ALIGN AUTO 06:56:46 FM Aug 09, 2023	Agilent Spectrum Analyzer - Swept SA	SENSE:INT	ALIGN AUTO 07:09:34PM Aug09, 2023
Mint 2.479 BB0 CHE 15 Mint 2.479 BB0 CHE 16 Mint 2.479 BB0 CHE 16 Mint 2.479 BB0 CHE 17 Mint 2.479 BB0 CHE 17 Mint 2.479 BB0 CHE 17 Mint 2.479 CHE 17 Mint 2.4	Center Freq 2.480000000 GHz	D:Fast Trig:Free Run in:Low #Atten: 26 dB	Avg Hold: 100/100 TRACE 2345 C Avg Hold: 100/100 DET PPPPP	Center Freq 2.402000000 GHz	PNO: Fast Trig: Free Run IFGain:Low #Atten: 26 dB	Avg Type: Log-Pwr Avg Hold: 100/100 DET PPPPPP
Control 240000 GHz Peak Output Dower GFSK_Channel 78 Mkt 240000 GHZ Peak Output Dower Former Fee 24000000 GHZ Peak Output Dower Former Fee 240000000 GHZ Peak Output Dower Former Fee 240000000 GHZ Former Fee 240000000 GHZ Peak Output Dower Former Fee 240000000 GHZ Former Fee 2400000000 GHZ Former Fee 24000	Ref Offset 0.5 dB		Mkr1 2.479 890 GHz 0.319 dBm	Ref Offset 0.5 dB		Mkr1 2.402 105 GHz 2.224 dBm
Control 2.40000 GHz     Second State     Second S	Log			Log		
All All All All All All All All All	5.50	<sup>1</sup>		5.50	······································	
ass       a	-4.50			-4.50		
Image: Section of the section of th	-14.5			-14.5		
Image: Second	-24.5			-24.5		
Since Inter Free 2.440000 GHz       Span 5.000 MHz         Senter Free 2.440000 GHz       Span 5.000 MHz	-34.5			-34.5		
i       i	-44.5			-44.5		
Image: State of the state	-54.5			-54.5		
Center 2,480000 GHz       Bytel 3.0 MHz       Bytel 3.	-64.5			-64.5		
Center 2.420000 GHz res B0 30 MHz res B0 30 MHz	-74.5			-74.5		
Price BW 30 MHz       #VBW 30 MHz       #Sweep 1.000 ms (1001 pts)         Imma       #Res BW 30 MHz       #WBW 30 MHz       #Sweep 1.000 ms (1001 pts)         Imma       Imma       Imma       Imma       Imma       Imma         Imma       Imma       Imma       Imma       Imma       Imma       Imma         Imma	Center 2.480000 GHz		Span 5.000 MHz	Center 2.402000 GHz		Span 5.000 MHz
Peak Output Power GESK_Channel 78	#Res BW 3.0 MHz	#VBW 3.0 MHz	#Sweep 1.000 ms (1001 pts)	#Res BW 3.0 MHz	#VBW 3.0 MHz	#Sweep 1.000 ms (1001 pts)
Center Freq 2.441000000 GHz Channel 70 Mkr1 2.449 820 GHz 2.024 dBn 2.024 dB	F	Peak Output Po	ower		Peak Output P	ower
Image: Control production         Autor to be control production         Open and production description         Open and production description         Open and production description         Open and production description         Open and production         <	Aeilent Spectrum Analyzar - Swart FA	GFSK_Channe	178	Anilont Spectrum Analyzing - Front FA	π/4DQPSK_Cha	nnel 0
PHOC Fast         P	Og         R         T         RF         50 g         AC           Center Freq 2.441000000 GHz	SENSE:INT	ALIGNAUTO 07:10:16FM AUg09, 2023 Avg Type: Log-Pwr TRACE	Mark         RF         S0 @         AC           Center Freq 2.480000000 GHz	SENSE:INT	ALIGNAUTO 07:10:49PM Aug 09, 2023 Avg Type: Log-Pwr TRACE PROLIDE AvgHudd: 100/100 Trace
Ref Offset 0.5 dB         INKT 2.4/2 dBm           109 dBidly         1	PNC IFGa	u: Fast → Ing. Free Run sin:Low #Atten: 26 dB	Mkr1 2 440 820 GHz		IFGain:Low #Atten: 26 dB	Mkr1 2 479 820 GHz
59       1	Ref Offset 0.5 dB 10 dB/div Ref 15.50 dBm Log		2.024 dBm	Ref Offset 0.5 dB 10 dB/div Ref 15.50 dBm		1.165 dBm
4.13       4.13       4.14	5.50	<b>▲</b> 1		5.50	1-	
145     146     147       246     246     246       345     246       345     346       346     346       345     346       346     346       346     346       347     346       348     348       349     348       349     348       349     348       349     349       340     348       341     348       345     348       346     348       347     348       348     348       349     349       349     349       340     349       341     349       342     349       343     349       344     349       345     349       346     349       347     349       348     349       349     349       349     349       349     349       349     349       349     349       349     349       349     349       349     349       349     349       349     349	4.50			-4.50		
245     246     246       345     346     346       443     346       646     646       645     646       748     748       646     645       748     748       647     748       748     748       648     645       748     748       649     748       748     748       649     748       748     748	-14.5			-14.5		
345     346     346       445     346       645     645       745     748       645     748       645     748       645     748       645     748       645     748       645     748       645     748       646     748       647     859an 5.000 MHz       Center 2.441000 GHz     85pan 5.000 MHz	-24.5			-24.5		
445         443           545         545           646         648           748         749           Center 2.441000 GHz         Bpan 5.000 MHz           Center 2.441000 GHz         Span 5.000 MHz	-34.5			-34.5		
545         545           645         645           745         745           Center 2.441000 GHz         Span 5.000 MHz           Center 2.441000 GHz         Span 5.000 MHz	-44.5			-44.5		
615         615           745         745           Center 2.441000 GHz         Span 5.000 MHz           Center 2.441000 GHz         Span 5.000 MHz	54.5			54.5		
725         725           Center 2.441000 GHz         Span 5.000 MHz           Center 2.441000 GHz         Span 5.000 MHz	610			646		
Center 2.441000 GHz         Span 5.000 MHz           Center 2.441000 GHz         Span 5.000 MHz				04.5		
Center 2.441000 GHz Span 5.000 MHz Center 2.480000 GHz Span 5.000 MHz	17AL0			-74.5		
#Res BW 3.0 MHz #Sweep 1.000 ms (1001 pts) #Res BW 3.0 MHz #VBW 3.0 MHz #Sweep 1.000 ms (1001 pts)	Center 2.441000 GHz #Res BW 3.0 MHz	#VBW 3.0 MHz	Span 5.000 MHz #Sweep 1.000 ms (1001 pts)	Center 2.480000 GHz #Res BW 3.0 MHz	#VBW 3.0 MHz	Span 5.000 MHz #Sweep 1.000 ms (1001 pts)
uso status status	MSG	Deals Outwart D	STATUS	MSG	Baak Cristment D	STATUS
Peak Output Power Peak Output Power		Peak Output Po	ower anel 39			ower anel 78
	π/4	DQPSK Chan	inel 39	1	π/4DQPSK Char	nnel 78

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Or         R         T         RF         50.2         AC         I           Center Freq 2.402000000 GHz         P         P         P         P         P	SENSE INT ALI	SNAUTO         07:12:43PM Aug09, 2023           Avg Type: Log-Pwr         TRACE           Avg[Hold: 100/100         TYPE           Det P P P P P	Opening         Spectrum         Analyzer         Smeph SM           OF         R         T         RF         50.9         AC           Center         Freq         2.4410000000         GHz	PNO: Fast Trig: Free Run	NAUTO         07:13:16FM Aug09, 2023           Avg Type: Log-Pwr         TRACE           Avg[Hold: 100/100         TWE           Det P P P P
P II II 10 dibidiv Ref 075et0 5 dB 10 dibidiv Ref 15.50 dBm 4 50 4 50 14 5 24 5 34 5 4 5	NO Fast ++ Trig Pree Kun Gaint ow #Atten: 25 dB	Arginei: 100/100 Mkr1 2.401 975 GHz 2.581 dBm	Ref Offset0 5 dB           Log         Ref 0ffset0 5 dB           50	PNO: Fast Trig: Pree Kun IF Galici, ow #Anten: 25 dB	Migrade: 100100 Migrade Alexandro Second
365	#VBW 3.0 MHz Peak Output Pov 8DPSK Channe	Span 5.000 MHz #Sweep 1.000 ms (1001 pts)	Center 2.441000 GHz #Res BW 3.0 MHz	#VBW 3.0 MHz Peak Output Pov 8DPSK Channel	Span 5.000 MHz #Sweep 1.000 ms (1001 pts)
Address Spectrum Audyor         Suppl 5A           Center Freq 2.48000000 GHz         P           RefOrmer0.5.00         F           10         Bit           140         Bit           141         Bit           142         Bit           143         Bit           144         Bit           145         Bit           146         Bit           147         Bit           148         Bit           149         Bit           140         Bit           141         Bit           142         Bit           143         Bit           144         Bit           145         Bit           146         Bit           147         Bit           148         Bit           149         Bit </th <td>SPOCEPSY     ALI     Trig:Free Run     Sanctow     FAtten:26 dB      #VEW 3.0 MHz</td> <td></td> <td></td> <td>Void</td> <td></td>	SPOCEPSY     ALI     Trig:Free Run     Sanctow     FAtten:26 dB      #VEW 3.0 MHz			Void	
	Peak Output Pov 8DPSK_Channe	wer   78			

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# 3.10. Duty Cycle

# <u>Limit</u>

None, for report purposes only.

# Test Configuration



# Test Procedure

- 1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- 2. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v05r02.

3. Spectrum Setting:
Set analyzer center frequency to test channel center frequency.
Set the span to 0Hz.
Set the RBW to 10MHz.
Set the VBW to 10MHz.
Detector: Peak.
Sweep time: Auto.
Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

# Test Mode

Please refer to the clause 2.4.

#### Test Result

Modulation	Packets	Channel	On Time (ms)	Period (ms)	Duty Cycle (%)	1/T Minimum VBW (kHz)	Final Setting for VBW (kHz)
GFSK	DH5	0	2.887	3.749	77.01	0.35	1
		39	2.885	3.747	77.00	0.35	1
		78	2.885	3.747	77.00	0.35	1
π/4DQPSK	2-DH5	0	2.880	3.720	77.42	0.35	1
		39	2.880	3.740	77.01	0.35	1
		78	2.900	3.740	77.54	0.34	1
8DPSK	3-DH5	0	2.880	3.740	77.01	0.35	1
		39	2.900	3.740	77.54	0.34	1
		78	2.900	3.740	77.54	0.34	1

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# 3.11. Antenna Requirement

# **Requirement**

#### FCC CFR Title 47 Part 15 Subpart C Section 15.203

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

#### FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1)(i)

(i) Systems operating in the 2400~2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

#### Test Result

The directional gain of the antenna is less than 6dBi, please refer to the EUT internal photographs antenna photo.