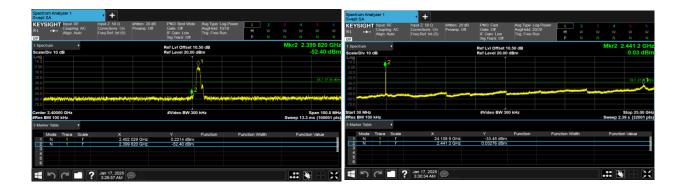


Modulation Type: 8DPSK (3Mbps) Channel: 39

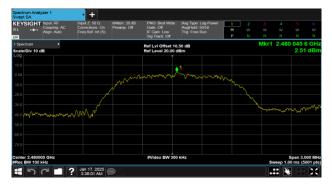




Spectrum Anal Swept SA			• +										
KEYSIGHT	Input: Ri Coupling		Input Z: 50 D Corrections: On	#Atten: 20 dB Preamp: Off	PNO: Fast Gate Off	Avg Type: Log Avg/Hold: 200		1					
	Align: AL		Freq Ref: Int (S)	Preamp. Oil	IF Gain: Low	Trig: Free Ru		м					
Uσ					Sig Track: Off			Р	N	N	N	N	Ν
1 Spectrum					Ref Lyl Offset	10 50 dB					Mkr2	2.402	2 GH
Scale/Div 10	:B				Ref Level 20.0							0.58	8 dBn
10.0	.2												
0.00	¢ 2												
-10.0													
	_												177 Kat 1
													Q.
							-		-	-	. Laborer		~
-50.0	-	-	No. of Concession, Name										
-70.0													
Start 30 MHz					#Video BW 3								
Res BW 100	kHz				#Video BW 3	00 KHZ				5	weep 2	Stop 25 2.39 s (32	
5 Marker Table		•											
Mode	Trace	Scale	х		Y	Function	Fu	inction W	idth		Funct	ion Value	
1 N	1	f		33 9 GHz	-33.85 dBm								
2 N 3	- 1	1	2.4	02.2 GHz	0.5817 dBm								
4													_
5													
6													
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Cerpass Technology Corp.	
T-FD-507-0 Ver 1.6	





EYSIGH	lingut:	RF	+ Incut 2: 50 0	#Atten: 20 dB	PNO: Best Wide	Avg Type: Log-Power						
L	Coupi	ng: AC	Corrections: On		Gate: Off IF Gain: Low	Avg(Hold: 10/10 Trig: Free Run	M					- 14
,		AUTO			Sig Track: Off	Ing. Free Kun	P					
Spectrum					Ref Lvi Offset 10	50 dB			Mkr:	2 2.	516 84	
ale/Div 10	dB				Ref Level 20.00 c	IBm					-52.50) dE
00					A1							
					<u> </u>							
0.0					11						OL1 -	
0.0												
									- • ²			
0.0	Print	e buerr er de	ter	in the second	physical tablet		anter estate	Ninipeliya	teres provides.	6.72	in Marine	-
enter 2.483 Res BW 100					#Video BW 300	kHz			Swee	p 13.3	Span 10 ms (100	
Marker Table												
	Trace	Scale	х		Y	Function F	unction Wi	dth		Funct	on Value	
Mode	1	f	2.48	0 156 GHz	0.2097 dBm							
1 N		- 1	2.51	6 845 GHz	-52.50 dBm							
1 N 2 N												
1 N												
1 N 2 N 3												

	yzer 1	• +					_				
EYSIGHT	 Input: RF Coupling: AC 	Input Z: 50 D Corrections: On	#Atten: 20 dB Preamp: Off	PNO: Fast Geter Off	Avg Type: Avg/Hold:	Log-Power 20120	1				
स⊷- छा	Align: Auto			IF Gain: Low Sig Track: Off	Trig: Free		P				
Spectrum										2.480	
cale/Div 10 d				Ref Lvi Offset 1 Ref Level 20.00					WIKI Z		1 dB
				Terrar Loost	- dein						1 40
10.0	2										
10.0											
											27.6
0.0											X.
50.0									 -	-	~~
50.0											
50.0											
60.0 70.0 tart 30 MHz	kHz			#Video BW 3	00 kHz				Sweep	Stop 2 2.39 s (3	
10 0 70 0 tart 30 MHz Res BW 100 1	kHz Y			#Video BW 3	00 kHz				Sweep		
tart 30 MHz Res BW 100 Marker Table Mode				Y	Function	B	unction W	idth			
tart 30 MHz Res BW 100 MHz Marker Table Mode	•	24	122 9 GHz	Y -33.12 dBm	Function	Pa	unction W	idth		2.39 s (3	2001 pt
tart 30 MHz Res BW 100 Marker Table Mode	Trace Scal	24	122 9 GHz 480 2 GHz	Y	Function	Pr	unction W	idth		2.39 s (3	2001 pt
2000 700 tart 30 MHz Res BW 100 Marker Table Mode 1 N 2 N 3 4	Trace Scal	24		Y -33.12 dBm	Function	Pa	unction W	idth		2.39 s (3	2001 pt
tart 30 MHz Res BW 100 Marker Table Mode 1 N 2 N 3	Trace Scal	24		Y -33.12 dBm	Function	n	unction W	idth		2.39 s (3	2001 pt
C0 0 70 0 Istart 30 MHz Res BW 100 1 5 Marker Table Mode 1 N 2 N 3 4 5	Trace Scal	24		Y -33.12 dBm	Function	P	unction W	idth		2.39 s (3	2001 pt

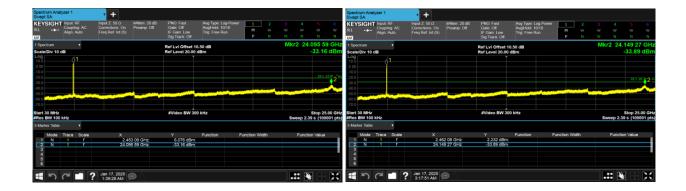


Hopping Mode: Modulation Type: GFSK

Modulation Type: $\pi/4$ -DQPSK

Spectrum Anal Swept SA		• +										Spect Swep	trum Analyzer ot SA	1	• +							
	Input: RF Coupling: AC Align: Auto	Input Z: 50 D Corrections: On Freq Ref: Int (S)	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Lo Trig: Free Ru	g-Power n	1 2 M ₩ P N	3 ₩ N	4 ₩ N	5 ₩ N	w	KEY RL		t RF pling AC n Auto	Input Z: 50 D Corrections: On Freq Ref: Int (S)	#Atten: 20 dB Preamp: Off	PNO: Best Wi Gate: Off IF Gain: Low Sig Track: Off	Trig: Free	Run	1 2 M W P N	3 4 W W N N	5 6 W W N N
1 Spectrum Scale/Div 10 c	1 8			Ref Lvi Offset 1 Ref Level 20.00				M	kr1 2.4	479 208 0 8.14 d			e/Div 10 dB	•			Ref Lvi Offset Ref Level 20.0				Mkr1 2.4	416 264 GH 3.29 dB
10.0											• 1	10.0										
0.00	WWW		WWW					aaaaa Yyyyy		WWWWW	MA V \		manana	er:16:dealle	Allynowalter	hannantyv	-	and the state of the	h www.	Nachduckashil	wheepower	(Annan Arabath)
-20.0																						
-30.0																						
-40.0																						
Center 2.4410 #Res BW 100				#Video BW 30	10 kHz					Span 80.00 67 ms (5001			er 2.44100 GH BW 100 kHz	z			#Video BW	300 kHz				Span 80.00 Mi .67 ms (5001 pl
1	? 🗆 ۲	Jan 17, 2025 1:37:48 AM	ÐA										ッら		Jan 17, 2025 3:16:11 AM	\mathbf{P}						







Modulation Type: 8DPSK

KEYSIGHT Inpu	t RF	Input Z: 50 Q	#Atten: 20 dB	PNO: Best Wide	Avg Type: L		1					
	pling: AC n: Auto	Corrections: On Freq Ref: Int (S)	Preamp: Off	Gate: Off IF Gain: Low	Trig: Free R	turn	м					
U				Sig Track: Off			Р	N	N	N	N	Ν
I Spectrum Scale/Div 10 dB	•			Ref LvI Offset 1 Ref Level 20.00					Mkr	1 2.4	27 544 4.10	
.og				Ref Level 20.00	dBm						4.10	uЫ
			•1									
2.00 Jaketekter	any a high ship	and a floradion a train	enterterine	and many work	win which he	Anthony	- And	VAINTARIA	11.1.1	Noah	NOV04	VUV
Center 2.44100 GH Res BW 100 kHz	z			#Video BW 30	0 kHz				Sw		Span 80. 7 ms (50	
1 50		Jan 17, 2025 3:42:50 AM	ÐA							-		

Spectrum Analy Swept SA KEYSIGHT RL		ng: AC	Input Z: 50 D Corrections: On Freq Ref: Int (S)	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low	Avg Type: L Trig: Free R	og-Power un	1 M	2 \\\	3 ₩	4 W	5 ₩	6 ¥
LN		_			Sig Track: Off			Ρ	N	N	N	N	N
1 Spectrum Scale/Div 10 d		•			Ref Lvi Offset 1 Ref Level 20.00					MK	r2 2.	398 44 -41.13	
Log						dein							, acom
0.00			Auto	MANANAN	and the state of the second states	والمتحقق والمتحقق	additude						
-10.0				and the state of the	an in the second se	Call States, March	CALCULATION OF THE OWNER						
-30.0			2										
-40.0							l,						
-60.0			and the second				_						
-70.0													
Center 2.4500 #Res BW 100					#Video BW 30	i0 kHz				Swe	ep 20.	Span 20 0 ms (100	
5 Marker Table													
	Trace	Scale	x		Y	Function	Fu	inction '	Width		Funct	lion Value	
1 N	1	1	2.446	500 GHz 448 GHz	3.654 dBm								
3			2.390	and the second	- I J GBII								
4 5 6													
1	C	- ?	Jan 17, 2025 3:43:28 AM	∍∆							H 1		X

Spectrum Anal Swept SA	yzer 1		• +										
	Coupli Align: /	ng: AC	Input Z: 50 0 Corrections: On Freq Ref: Int (S)	#Atten: 20 dB Preamp: Off	PNO: Fast Gate: Off IF Gain: Low	Avg Type: Log Avg(Hold: 101 Trig: Free Rut		1 M					
1 Spectrum	18	•			Sig Track: Off Ref Lvi Offset Ref Level 20.0			P	N	N Mkr2	N 24	N .128 80 -33,59	
Log 10.0 0.00	0	1											
-10.0 -20.0 -30.0													2 2
-40.0 -50.0 -60.0				-				-				-	~
Start 30 MHz #Res BW 100	kHz				#Video BW 3	00 kHz				Swe	ep 2.3	Stop 25	
5 Marker Table													
Mode 1 N 2 N	Trace	Scale		38 82 GHz 28 80 GHz	Y 0.6027 dBn -33.59 dBn	Function	Fu	inction W	idth	1	Functi	on Value	
3 4 5			24.13		93.03 dbi								
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9. 20dB Bandwidth Measurement Data

9.1 Test Limit

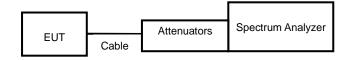
For reference data.

9.2 Test Procedures

According to the methods defined in ANSI C63.10-2013 Section 6.9

- a. The transmitter output was connected to the spectrum analyzer.
- b. Set RBW of spectrum analyzer to 1% to 5% of the 20dB Bandwidth and VBW to approximately three times RBW.
- c. The 20 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20 dB.

9.3 Test Setup Layout



		Fraguanav	20dB Bandwidth	2/3 20dB
Modulation Type	Channel	Frequency (MHz)	(MHz)	Bandwidth
		(101112)	(101112)	(MHz)
	0	2402	1.100	0.733
GFSK	39	2441	1.037	0.691
	78	2480	1.041	0.694
	0	2402	1.422	0.948
π/4-DQPSK	39	2441	1.375	0.917
	78	2480	1.359	0.906
	0	2402	1.359	0.906
8DPSK	39	2441	1.335	0.890
	78	2480	1.337	0.891



Modulation Type: π /4-DQPSK (2Mbps) Channel: 00

Spectrum Analyzer 1 Occupied BW	• +					Spectri Occupi	m Analyzer 1 ed BW	• +					
RL Align: Auto		vtten: 30 dB Yreamp: Off	Trig: Free Run Gate: Off #IF Gain: Low	Center Freq: 2.402000000 GHz Avg(Hold: 100/100 Radio Std: None		KEYS RL	Couping AC Align: Auto	Input Z: 50 D Corrections: On Freq Ref: Int (S)		Trig:FreeRun Gate Off #IFGain:Low	Center Freq: 2.402000000 GHz Avg[Hold: 100/100 Radio Std: None		
1 Graph Scale/Div 10.0 dB		_	Ref Lvi Offset 10 Ref Value 20.00 c			1 Grapi Scale/	oiv 10.0 dB			Ref LvI Offset 10 Ref Value 20.00		_	
Log 0 0.0 0 -10.0 - -20.0 - -30.0 - -40.0 - -50.0 - -60.0 -	manna				mar and	-10.0 -10.0 -10.0 -10.0 -20.0 -30.0 -30.0 -50.0 -70.0		w	and the second		······································	mon	L
Center 2.402 GHz #Res BW 30.000 kHz			#Video BW 100.0	0 kHz	Sweep 3.20 m		2.402 GHz W 30.000 kHz			#Video BW 100.	00 kHz	Sweep	Span 3 MH 3.20 ms (1001 pt
2 Metrics v Occupied Ba	iandwidth 969.80 kHz			Total Power	15.0 dBm	2 Metri	occupied	Bandwidth 1.2872 MHz			Total Power	11.2 dB	
Transmit Fre x dB Bandwi		544 kHz 100 MHz		% of OBW Power x dB	99.00 % -20.00 dB		Transmit F x dB Band		26.870 kHz 1.422 MHz		% of OBW Powe ×dB	r 99.00 -20.00 d	
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10. Carrier Frequency Separation

10.1 Test Limit

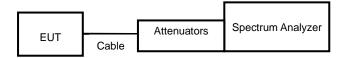
Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400–2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than125 mW.

10.2 Test Procedures

According to the methods defined in ANSI C63.10-2013 Section 7.8.2

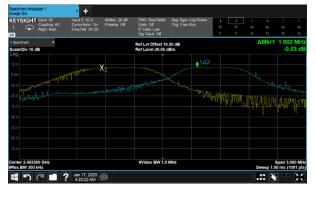
- a. The transmitter output was connected to the spectrum analyzer.
- b. Set RBW of spectrum analyzer to 300 KHz and VBW to 1000 KHz.
- c. By using the MaxHold function record the separation of two adjacent channels.
- d. Measure the frequency difference of these two adjacent channels.

10.3 Test Setup Layout



Modulation	Channel	Frequency	Channel Separation	Limit
Туре	Channel	(MHz)	(MHz)	(MHz)
	0	2402	1.002	0.733
GFSK	39	2441	1.002	0.691
	78	2480	1.002	0.694
	0	2402	1.002	0.948
π/4-DQPSK	39	2441	1.002	0.917
	78	2480	1.002	0.906
	0	2402	1.002	0.906
8DPSK	39	2441	1.002	0.890
	78	2480	1.002	0.891



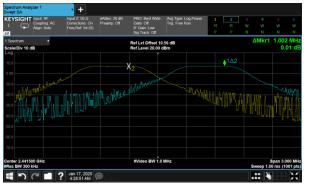


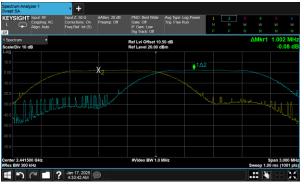
Modulation Type: $\pi/4$ -DQPSK (2Mbps) Channel: 00



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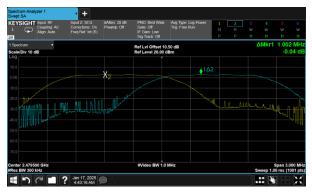
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CH39

SYSIGHT Input: RF Coupling: AC Align: Auto	Input Z: 50 O Corrections: On Freq Ref: Int (S)	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 M P	2 M P	3 4 ₩ ₩ N N	5 6 ₩ ₩ N N
pectrum v ale/Div 10 dB			Ref Lvi Offset 10 Ref Level 20.00 d				∆Mkr1	1.002 M -0.11 c
		X2			1∆2			
			and the second s					
and the second s	March 194 March 1940	Burn			mar all and	مسمعاما	and all may	
0 0 who we have been and the								Wahow Ma
onter 2.441500 GHz			#Video BW 1.0	MHz				Span 3.000 M

EYSIGHT Input: RF Coupling: AC Align: Auto	Input Z: 50 D Corrections: On Freq Ref: Int (S)	#Atten: 20 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Avg Type: Log-Power Trig: Free Run	1 M P	2 М Р	3 4 ₩ ₩ N N	5 6 ₩ ₩ N N
spectrum • ale/Div 10 dB			Ref Lvi Offset 10 Ref Level 20.00 d				ΔMkr	1.002 M
		X2			¢1∆2			
	and the fact that	William			~~~~ M	hlum	lamed-14	└ ~#∭
nter 2.479500 GHz es BW 300 kHz			#Video BW 1.0	MHz			Sween 1	Span 3.000 00 ms (1001



11. Dwell Time on each channel

11.1 Test Limit

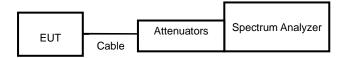
The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

11.2 Test Procedures

According to the methods defined in ANSI C63.10-2013 Section 7.8.4

- 1. The transmitter output was connected to the spectrum analyzer.
- 2. Adjust the center frequency to measure frequency, then set zero span mode.
- 3. Set RBW of spectrum analyzer to 300KHz and VBW to 1MHz.
- 4. Measure the time duration of one transmission on the measured frequency.

11.3 Test Setup Layout



Modulation Type	Frequency (MHz)	Length of transmission time (ms)	Number of transmission in a 31.6 (79 Hopping*0.4)	Dwell Time (ms)	Limit (ms)
GFSK-DH1	2402	0.400	320.00	128.00	400
GFSK-DH3	2402	1.660	160.00	265.60	400
GFSK-DH5	2402	2.912	106.67	310.61	400
π/4-DQPSK-DH1	2402	0.396	320.00	126.72	400
π/4-DQPSK-DH3	2402	1.664	160.00	266.24	400
π/4-DQPSK-DH5	2402	2.904	106.67	309.76	400
8DPSK-DH1	2402	0.406	320.00	129.92	400
8DPSK-DH3	2402	1.660	160.00	265.60	400
8DPSK-DH5	2402	2.912	106.67	310.61	400

Modulation Type	Frequency (MHz)	Length of transmission time (ms)	Number of transmission in a 8 (20 Hopping*0.4)	Dwell Time (ms)	Limit (ms)
AFH-DH1	2402-2421	0.391	160.00	62.56	400
AFH-DH3	2402-2421	1.664	80.00	133.12	400
AFH-DH5	2402-2421	2.908	53.33	155.08	400

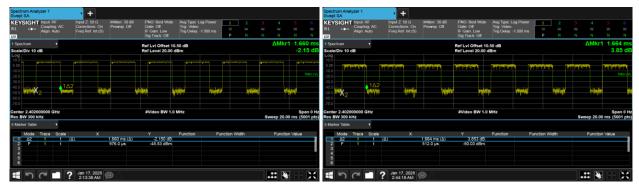


Modulation Type: GFSK-DH1 Channel: 00 Modulation Type: π /4-DQPSK-DH1 Channel: 00

Spectrum Analyz Swept SA	ter 1	• +									Spec Swep	trum Ana ot SA	lyzer 1		• +										
KEYSIGHT RL -→-	Input: RF Coupling: AC Align: Auto	Input Z: 50 0 Corrections: On Freq Ref: Int (S)	#Atten: 30 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	Awg Type: Log Trig: Video Trig Delay: -1.		2 / \\ N	3 4 ₩ ₩ N N	5 ₩ N	6 ₩ N	REY RL	/SIGH -+-	Coupli Align: /	ng: AC	Input Z: 5 Correction Freq Ref:	ns: On	#Atten: 30 dB Preamp: Off	PNO: Best Wir Gate: Off IF Gain: Low Sig Track: Off	Trig: Vid	e: Log-Power teo ay: -1.000 ms	1 W P	2 ₩ N	3 ₩ N	4 ₩ N	5 6 ₩ ₩ N N
1 Spectrum Scale/Div 10 dB	• 3			Ref Lvi Offset 1 Ref Level 20.00				ΔΝ	/kr1 40 2.			ctrum e/Div 10	dB	•				Ref Lvi Offset Ref Level 20.0						∆Mkr1	396.0 j -1.80 d
10.0 0.00 -10.0 -20.0										TRIG LVL	10.0 0.00 -10.0 -20.0										~~ P #M	1			
-30.0 -40.0 -50.0 -60.0 70.0	(antherine)	WX2	142 1011 1011 1011	(1) (V)	HATRADAR	anni lainna		htere have	hotwohyt		-30.0 -40.0 -50.0 -60.0 70.0	nd yidah	ele a	the sh	۲ <mark>2</mark>	142	ev wyeki web	W I	rwyim	pervision part			in the	sylentis	
Center 2.402000 Res BW 300 kH				#Video BW 1.0) MHz			Sweep 5	Sp 5.000 ms (5	001 pts)	Res	er 2.4020 BW 300		GHz				#Video BW	1.0 MHz				Swe	ep 5.000	Span 0 ms (5001 p
5 Marker Table Mode T 1 Δ2 2 F 3 4	race Scale 1 t (2 1 t	<u>x</u>	400.0 μs (Δ) 967.0 μs	Y 2.862 dB -48.62 dBm	Function	Function	n Width	Fun	iction Value		5 Ma	rker Table Mode <u>A2</u> F	Trace 1		(Δ)		396.0 μs (Δ) 808.0 μs	Y -1.804 d -47.59 dBr		n Pi	inction W	dth		Function	Value
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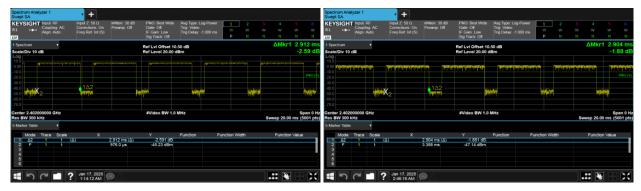
Modulation Type: GFSK-DH3 Channel: 00

Modulation Type: π /4-DQPSK-DH3 Channel: 00



Modulation Type: GFSK-DH5 Channel: 00

Modulation Type: $\pi/4$ -DQPSK-DH5 Channel: 00





Modulation Type: 8DPSK-DH1 Channel: 00 Modulation Type: AFH (DH1)

Spectrum Analyzer Swept SA	r 1	• +								0.00	Spectr Swept	um Anal SA	lyzer 1		• +										
	put RF supling: AC ign: Auto	Input 2: 50 Q Corrections: On Freq Ref: Int (S	#Atten: 30 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low Sig Track: Off	e Awg Type: Log-Pow Trig: Video Trig Delay: -1.000 r		2 3 ₩ ¥ N N	4 ≆ ₩ I N	5 ₩ N	w	KEYS RL 30	SIGHT	Input: F Coupir Align: A	ng: AC	Input Z: 50 0 Corrections: On Freq Ref: Int (S)	#Atten: 30 dB Preamp: Off	PNO Ber Gate Off IF Gain L Sig Track		Avg Type: L Trig: Video Trig Delay: -	· .	1 W P	2 ₩ N	3 4 ₩ ₩ N N	5 ₩ N	6 ₩ N
1 Spectrum Scale/Div 10 dB	•			Ref Lvi Offset 1 Ref Level 20.00				ΔMk	r1 406. 1.1		1 Spec Scale/	trum Div 10 d	dB	•			Ref Lvi O Ref Level						ΔM	kr1 39 3	1.0 µ 35 di
10.0 0.00 -10.0		white				فاللاله وحد	4		1-24		10.0 0.00 -10.0				in in fait and		ĥ								TRIG LV
-30.0 -40.0 -50.0 -60.0 -70.0	widd minis	10.1			Historia (1997)			ripytiyi			30.0 -40.0 -50.0 -60.0 -70.0	hiP	it di la	94 74						i den produ		ļ	r y murit y ra	ophicapi	
Center 2.4020000 Res BW 300 kHz	00 GHz			#Video BW 1.	0 MHz			Sweep 5.00				r 2.4020 W 300 k		3Hz			#Video	BW 1.0	MHz				Sweep 5.		pan 0 H 001 pts
5 Marker Table Mode Tra	v ace Scale	x		Y	Function	Function Wid	8h	Functio	on Value			er Table Mode	Trace	* Scale	x		Y		Function	Fun	ction Widt	h	Func	tion Value	
1 Δ2 1 2 F 1 3 4 5 6	t (2	4)	406.0 μs (Δ) 831.0 μs	1.171 dB -48.01 dBm							1 2 3 4 5 6	<u>Δ2</u> F	1	t (2	3)	391.0 μs (Δ) 994.0 μs	3.3 -51.88	49 dB I dBm							
ר 📲	2	Jan 17, 2025 3:22:58 AM	\square							×		5	C	2	Jan 17, 2025 2:09:45 AM	$\bigcirc \triangle$									X

Modulation Type: 8DPSK-DH3 Channel: 00

Modulation Type: AFH (DH3)



Modulation Type: 8DPSK-DH5 Channel: 00

Modulation Type: AFH (DH5)





12. Number of Hopping Channels

12.1 Test Limit

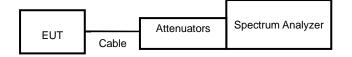
Frequency hopping systems in the 2400 ~ 2483.5 MHz band shall use at least 15 channels.

12.2 Test Procedures

According to the methods defined in ANSI C63.10-2013 Section 7.8.3

- a. The transmitter output was connected to the spectrum analyzer.
- b. 2. Set RBW of spectrum analyzer to 100 KHz and VBW to 300 KHz.
- c. 3. Set the MaxHold function, and then keep the EUT in hopping mode. Record all the signals from each channel until each one has been record.

12.3 Test Setup Layout



Modulation Type	Hopping Channels
GFSK	79
π/4-DQPSK	79
8DPSK	79





Modulation Type: GFSK (1Mbps)



Modulation Type: π/4-DQPSK (2Mbps)

Spectru Swept S		zer 1	• +									
		Input RF Coupling AC	Input Z: 50 D Corrections: On	#Atten: 30 dB Preamp: Off	PNO: Best Wide Gate: Off	Avg Type: L Trig: Free R	1					
RL DJ	₽	Align: Auto			IF Gain: Low Sig Track: Off		M P					
1 Spect							<u> </u>			_	30 000	
Scale/E					Ref Lvi Offset 1 Ref Level 20.00						0.18	
Log												
10.0												
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		2 Q Q 2 1 1 1 11	100000	and show the first			 			6 Y Y Y	14110	
-10.0	Í											
-20.0 —	-											
-30.0												
-40.0												1
												ومعرا
-50.0												
-60.0												
-70.0												
Start 2. #Res B					#Video BW 30	0 kHz			Swe	Sto ep 8.0	op 2.4835 0 ms (800	0 GHz 01 pts)
	5		Jan 17, 2026 3:12:51 AM	ÐA								×

Modulation Type: 8DPSK (3Mbps)

ն եր խն	ut:RF upling:AC m:Auto	Input 2: 50 0 Corrections: On Freq Ref: Int (S)	#Atten: 30 dB Preamp: Off	PNO: Best Wide Gate: Off IF Gain: Low	Avg Type: L Trig: Free F	.og-Power Run	1 M					
J				Sig Track: Off			P	N	N	N	N	Ν
Spectrum				Ref Lvi Offset 1					Mkr2	2.48	30 000	
cale/Div 10 dB				Ref Level 20.00	dBm						0.17	dE
												12
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0.0												
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art 2.40000 GHz Res BW 100 kHz				#Video BW 30	i0 kHz				Swe		op 2.483 0 ms (80	
	? 🗆	Jan 17, 2025 3:42:08 AM										



13. Maximum Average Output Power

13.1 Test Limit

The Maximum Average Output Power Measurement is 30dBm.

13.2 Test Procedures

According to the methods defined in ANSI C63.10-2013 Section 7.8.5

The antenna port (RF output) of the EUT was connected to the input (RF input) of a power meter.

Power was read directly from the meter and cable loss connection was added to the reading to obtain power at the EUT antenna terminal. The EUT Output Power was set to maximum to produce the worse case test result.

13.3 Test Setup Layout



13.4 Test Result and Data

Setting	Modulation Type	Channel	Frequency (MHz)	AV Output Power (dBm)	AV Output Power (mW)
9		0	2402	7.78	5.998
9	GFSK	39	2441	8.29	6.745
9		78	2480	8.78	7.551
9		0	2402	3.44	2.208
9	π/4-DQPSK	39	2441	3.78	2.388
9		78	2480	3.83	2.415
9		0	2402	3.46	2.218
9	8DPSK	39	2441	3.78	2.388
9		78	2480	3.82	2.410

AFH Mode

Setting	Modulation Type	Channel	Frequency (MHz)	AV Output Power (dBm)	AV Output Power (mW)
9	GFSK	0-19	2402-2421	8.04	6.361
9	π/4-DQPSK	0-19	2402-2421	3.61	2.296
9	8DPSK	0-19	2402-2421	3.62	2.301

-----THE END OF REPORT------