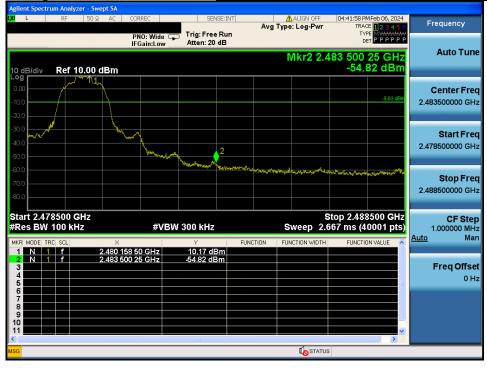


High Band-edge

Highest Channel & Modulation : 8DPSK



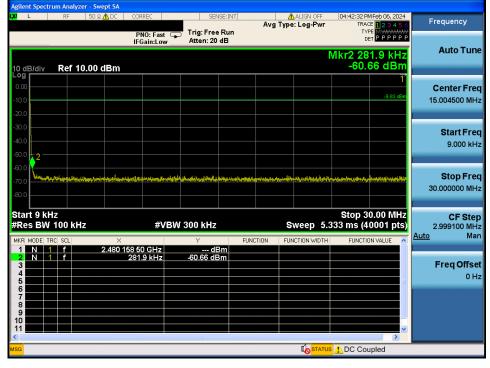
Hopping mode & Modulation : 8DPSK

High Band-edge Swept S/ ALIGN OFF 06.2024 Frequency Trig: Free Run Atten: 20 dB TYPE PNO: Wide 🖵 IFGain:Low PPPPP Mkr1 2.483 501 75 GHz -53.33 dBm Auto Tune Ref 10.00 dBm I0 dB/div og with Maria Center Freq 2.483500000 GHz Start Freq 2.478500000 GHz n man Alandahada House Stop Freq 2.488500000 GHz Start 2.478500 GHz #Res BW 100 kHz Stop 2.488500 GHz Sweep 2.667 ms (40001 pts) CF Step 1.000000 MHz #VBW 300 kHz Auto Man 2 483 501 75 GHz -53 33 dBr N 1 F **Freq Offset** 0 Hz **STATUS**



Highest Channel & Modulation : 8DPSK

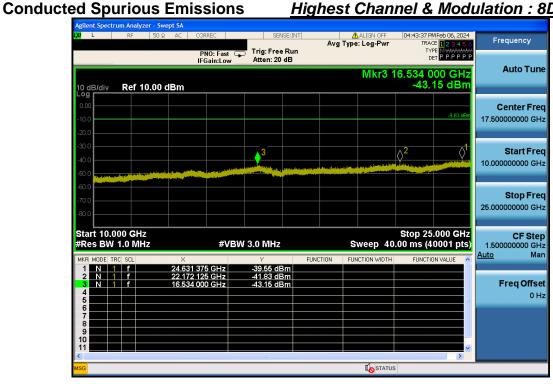




Agilent Spectrum Analy							
🗶 L RF	50 Ω AC CORREC	SENSE:II		ALIGN OFF Type: Log-Pwr	04:43:07 PMFe TRACE	23456	Frequency
	PNO: F IFGain:	ast Trig: Free Ru Low Atten: 20 dB	n -		TYPE N	PPPPP	
10 dB/div Ref 1	10.00 dBm			Mkr	5 3.033 96 -47.85		Auto Tune
-10.0						-9.83 dBm	Center Fre 5.015000000 GH
-30.0		AND A STATE OF A STATE	ير وي المراجع المراجع مراجع المراجع ال	ai fan yn fel ac gefan yn anne fel fel a gefan y	s krant knog og sog slag slag af og s		Start Fre 30.000000 MH
-60.0 -70.0 -80.0							Stop Fre 10.000000000 GH
Start 30 MHz #Res BW 1.0 MH	łz	#VBW 3.0 MHz		Sweep 18	Stop 10.00 .67 ms (400	00 GHz 01 pts)	CF Ste 997.000000 MH Auto Ma
MKR MODE TRC SCL	× 2.480 16 GH	۲ Iz 10.250 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION V	ALUE	<u>Auto</u> Ma
2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	2.460 18 GF 1.817 12 GF 877.20 MF 882.93 MF 3.033 96 GF	iz -45.23 dBm iz -45.62 dBm iz -45.92 dBm					Freq Offse 0 H
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10 11 11 11 11 11 11 11 11 11 11 11 11 1						~	
ISG							

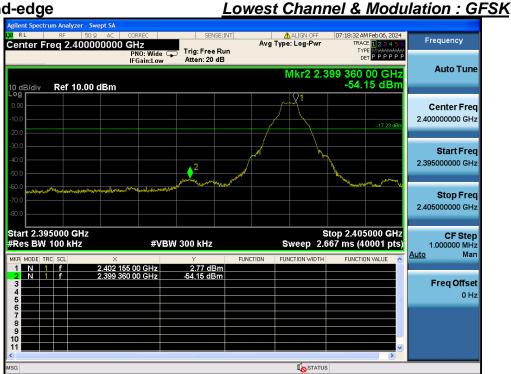


Highest Channel & Modulation : 8DPSK





- Power Supply: 12 V Low Band-edge



Low Band-edge

Hopping mode & Modulation : GFSK





Conducted Spurious Emissions Lowest Cl

Lowest Channel & Modulation : GFSK

gilent Spectrum Analyzer - Swept SA				
0 RL RF 50 Ω 🚹 DC		E:INT ALIGN OFF		Frequency
Center Freq 15.004500 N	AHZ PNO: Fast Trig: Free	Avg Type: Log-Pwi	r TRACE 123456	riequency
	PNO: Fast Trig: Free IFGain:Low Atten: 20 o		TYPE MUMAN DET P P P P P P	Auto Tune
IO dB/div Ref 10.00 dBm			-58.64 dBm	
200			-17.23 dBm	Center Freq 15.004500 MHz
40.0 1				Start Freq 9.000 kHz
60.0 70.0 80.0	nartaan da kaani mada ahaa ahaa ahaa ahaa ahaa ahaa ahaa	าร์ที่รู้ก็รูปการวัทยผู้แมะพิจูษฐ์ที่ที่ได้ และในสมัญรายที่ เรื่องก็ได้ และได้เรื่องเป็น 	ifely any series of the first s	Stop Freq 30.000000 MHz
Start 9 kHz ¢Res BW 100 kHz	#VBW 300 kHz		Stop 30.00 MHz 5.333 ms (40001 pts)	CF Step 2.999100 MHz Auto Mar
MKR MODE TRC SCL X	281.9 kHz -58.64 dB	FUNCTION FUNCTION WIDT	H FUNCTION VALUE	
				Freq Offset 0 Hz
6 7 8 9 9				
11			· · · · · · · · · · · · · · · · · · ·	
	Ш	~	>	
SG		Lo STAT	rus 1 DC Coupled	

Agilent Spectrum Analyzer - Swep							
K RL RF 50 Ω Center Freq 5.015000	DOOO GHz PNO: Fast	SENSE:IN	Avg	ALIGN OFF	07:19:19 AM Feb D TRACE 12 TYPE MW DET P P	3456	Frequency
10 dB/div Ref 10.00 dl		Atten: 20 dB		Mkr	5 2.143 39 (-46.70 c	GHz	Auto Tune
-20.0	V1				-17	.23 dBm	Center Freq 5.015000000 GHz
-30.0 -40.0 -50.0	5		and the second	ng parter i da gran (1. gran (weating to a	Start Freq 30.000000 MHz
-60.0 -70.0 -80.0							Stop Freq 10.000000000 GHz
Start 30 MHz #Res BW 1.0 MHz		3W 3.0 MHz			Stop 10.000 .67 ms (40001	pts)	CF Step 997.000000 MHz Auto Mar
MKR MODE TRC SCL	× 2.402 11 GHz	⊻ 2.88 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION VALU	JE 🛕	
2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	1.827 84 GHz 2.145 88 GHz 1.812 14 GHz 2.143 39 GHz	-45.18 dBm -45.83 dBm -46.21 dBm -46.70 dBm					Freq Offset 0 Hz
6 7 8 9 10							
		111				>	
MSG							



Lowest Channel & Modulation : GFSK



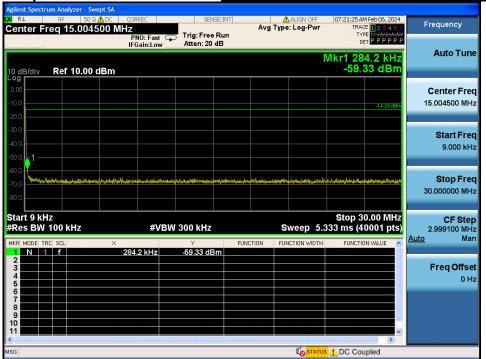


Reference for limit

Middle Channel & Modulation : GFSK



Conducted Spurious Emissions <u>Middle Channel & Modulation : GFSK</u>





Middle Channel & Modulation : GFSK



RL			CORREC	SE	NSE:INT		\Lambda ALIGN OFF		4 Feb 06, 2024	-	requency
enter Fre	q 17.50	000000	0 GHz PNO: Fas	Trig: Fre	e Run	Avg	Type: Log-Pwr	TYI	CE 123456 PE MWWWW	F	requency
			IFGain:Lo					D	T P P P P P		
0 dB/div	Ref 10.0	0 dBm					Mkr3	16.557 2 -43.	50 GHz 95 dBm		Auto Tun
°g											Center Fre
10.0									-14.33 dBm		0000000 GH
20.0									-14.35 GBM		
30.0									1		Otort En
40.0				<mark>3</mark>			♦	4		10.00	Start Fre
50.0	The second s	allow and the first	and the second							10.00	
io.o 											
70.0										05.00	Stop Fr 0000000 G
30.0										25.00	0000000 G
tart 10.00	0 CH2							Stop 25	.000 GHz		
Res BW 1			#\	/BW 3.0 MHz			Sweep 40	0.00 ms (4	.000 GH2 0001 pts)		CF Ste 0000000 G
IKR MODE TRC	SCL	×		Y		JNCTION	FUNCTION WIDTH	FUNCTIO	ON VALUE	Auto	М
1 N 1 2 N 1	f		6 125 GHz 8 000 GHz		Bm Bm						
3 N 1	f	16.557	7 250 GHz	-43.95 d	Bm						Freq Offs
5									=		0
6 7											
9											
1											
G							I o statu	S			



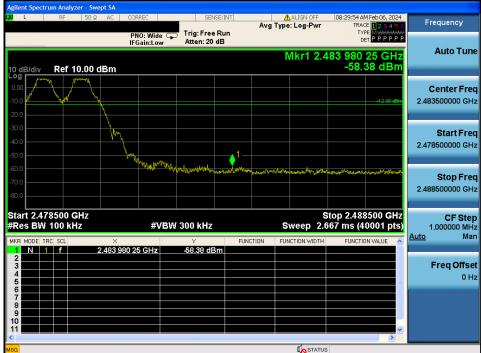
High Band-edge

High Band-edge

Highest Channel & Modulation : GFSK



Hopping mode & Modulation : GFSK





Emissions Highest Channel & Modulation : GFSK

Conducted Spurious Emissions Highest Char

LXI L RF	50 Ω 🥂 DC 🔋 CORREC	SENSE:INT	ALIGN OFF	08:30:37 AM Feb 06, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWWW	Frequency
10 dB/div Ref 10.	PNO: Fast IFGain:Low 00 dBm	Atten: 20 dB		остреререр Mkr1 281.9 kHz -61.39 dBm	Auto Tune
-10.0					Center Freq 15.004500 MHz
-30.0 -40.0 -50.0 t 1					Start Freq 9.000 kHz
-60.0 -70.0 -80.0	int the latence of the sector	ણકારી હું છે. જે લે તે તે કે તે તે કે જ બાદ જ બાદ તે પાલ માટે છે. જે બાદ જ બાદ તે બે જ બાદે જે બાદ જે બાદ જે બ જ	sun tidaðu kundu skaðar skaraður skaraður skaraður skaraður skaraður skaraður skaraður skaraður skaraður skarað		Stop Freq 30.000000 MHz
Start 9 kHz #Res BW 100 kHz	#V	300 kHz	Sweep 5.3	Stop 30.00 MHz 333 ms (40001 pts)	CF Step 2.999100 MHz <u>Auto</u> Man
MKR MODE TRC SCL 1 N 1 f 2 3 4 5	× 281.9 kHz	Y F -61.39 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offset 0 Hz
6 7 8 9 9 10 11					
K MSG		int		DC Coupled	

Agilent Spe	ctrum	Analyz	zer - Swe	pt SA														
XI L		RF	50 Ω	AC	CORF	REC			VSE:INT	r	Avg T		ALIGN OFF Log-Pwr	08:31	TRACE	eb 06, 20	5.6	Frequency
	_				PN IFG	10: Fa: ain:Lo	st⊆⊫ ∋w	Trig: Free Atten: 20							TYPE DET	MWWW PPPP	P P	
10 dB/div	,	Ref 1	0.00 c	IBm									Mkr	5 2.1 -4		i6 GH 3 dB		Auto Tune
0.00					[*] 1													Center Free
-10.0																-12.38 d	Bm	5.015000000 GH
-30.0		. 1	. 1															Start Fre
-40.0			$ \rightarrow $	¢ ⁵			<u>.</u>				(constanting on		a han al a fa bhal an an an an a		alization			30.000000 MH
-60.0			a the second second								te collidicioner.							Stop Fre
-70.0																		10.000000000 GH
Start 30) MH	z												Stop	0 10.0	000 GH	Ιz	CF Ste
#Res B	W 1.	0 MH	z			#	VBW	3.0 MHz					veep 18	.67 m	s (40	001 pi	S)	997.000000 MH Auto Ma
MKR MODE	TRC 1	SCL f			480 13			∀ 7.79 dl		FUNC	TION	FUN	CTION WIDTH	FU	INCTION	VALUE	^	<u>Huto</u> mu
2 N 3 N	1	f f		1.	876.70 .828 84	l GHz		-45.36 dE	3m									Freq Offse
4 N 5 N 6	1	f			. <u>812 14</u> .137 66			-45.76 dE -47.53 dE	3m 3m								=	0 H
7																		
9 10 11																	~	
<								10					st			>	Ē	
ISG														5				



Conducted Spurious Emissions Highest

Highest Channel & Modulation : GFSK

XI L		wept SA Ω AC	CORREC		SE:INT		ALIGN OFF e: Log-Pwr	08:31:57 TF	AM Feb 06, 2024	Frequency
10 dB/div	Ref 10.00) dBm	PNO: Fast IFGain:Low	Trig: Free Atten: 20			Mkr3 2	22.286	асе 123456 Түре Маллан ост РРРРРР 875 GHz 2.16 dBm	Auto Tune
-10.0									-12.38 dBm	Center Free 17.500000000 GH:
-30.0				and the state of the last state of the state		a bi ayaa ka ayaa gaf bayaa		√ 3	¢²¢1	Start Free 10.000000000 GH:
-60.0 -70.0 -80.0										Stop Free 25.000000000 GH:
MKR MODE T	RC SCL	×		3W 3.0 MHz Y	FUNC		weep 40	.00 ms	25.000 GHz (40001 pts)	CF Step 1.50000000 GH <u>Auto</u> Mar
1 N 2 3 N 4 5 6 7	1 f 1 f 1 f	23.677	1 625 GHz 7 000 GHz 5 875 GHz	-39.59 dE -41.70 dE -42.16 dE	m					Freq Offse 0 H:
8 9 10 11							1		~	
ISG							To STATU:	5		



Low Band-edge

Lowest Channel & Modulation : π/4DQPSK



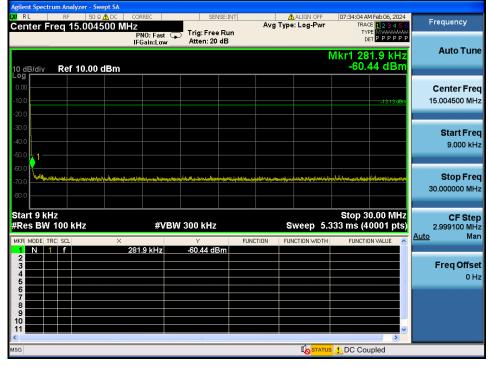
Low Band-edge

Hopping mode & Modulation : π/4DQPSK





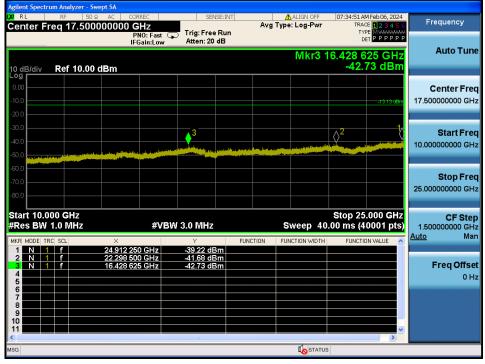
Lowest Channel & Modulation : π/4DQPSK



Trig: Free Run Type		
PN0: Fast Trig: Free Run Horization Horization IFGain:Low Ifig: Free Run Mkr5 1.826 53 Mkr5 1.826 53 10 dB/div Ref 10.00 dBm -47.43 -47.43 000 1 - - - 10 dB/div Ref 10.00 dBm -47.43 - - 20 0 - - - - - - - - - - - - - <	123456	Frequency
10 dB/div Ref 10.00 dBm -47.43	М илини Р Р Р Р Р Р	
		Auto Tune
	-13.13 dBm	Center Free 5.015000000 GH:
		Start Free 30.000000 MH
480.0		Stop Free 10.000000000 GH
Start 30 MHz Stop 10.00 #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 18.67 ms (400		CF Step 997.000000 MH
MKR MODE TRC SCL X Y FUNCTION FUNCTION </td <td>VALUE</td> <td><u>Auto</u> Mai</td>	VALUE	<u>Auto</u> Mai
I I <thi< th=""> I I I</thi<>		Freq Offse 0 H:
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Lowest Channel & Modulation : π/4DQPSK



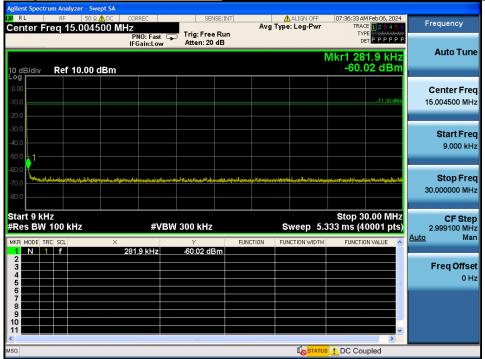


Reference for limit

Middle Channel & Modulation : π/4DQPSK

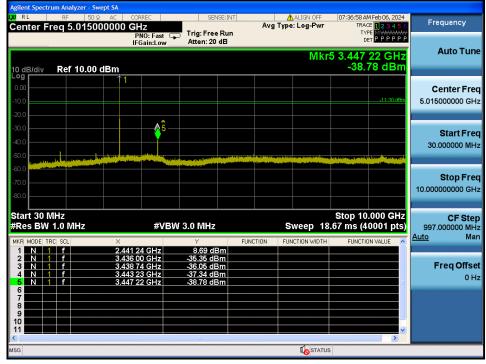


Conducted Spurious Emissions <u>Middle Channel & Modulation : π/4DQPSK</u>





Middle Channel & Modulation : π/4DQPSK



Agilent Spectr														
X/ RL Center F	RF req 17	50 Ω .50000		RREC			SE:INT	Avg		LIGN OFF Log-Pwr	TR	AM Feb 06, 2 ACE <mark>1 2 3 4</mark>	5.6	Frequency
			P	PNO: Fas Gain:Lo	t 🖵 w	Trig: Free Atten: 20				Mike2 (_	Auto Tune
10 dB/div	Ref 1	0.00 dE	sm							WIKI 5 Z		.29 dB		
Log 0.00 -10.0												-11.30	dBm	Center Free 17.500000000 GH
-20.0											3	2	17	Start Free
-40.0														10.000000000 GH:
-70.0														Stop Fre 25.000000000 GH
Start 10.0 #Res BW				#\	/BW (3.0 MHz			Sw	eep 40		5.000 G 40001 p		CF Ste 1.500000000 GH
MKR MODE TH	RC SCL		× 4.956 87	75 GHz		∨ -39.03 dB		FUNCTION	FUNCT	ION WIDTH	FUNC	FION VALUE		<u>Auto</u> Ma
2 N 1 3 N 1 4 5	f	2	23.386 00 22.409 12	0 GHz		-41.93 dB -42.29 dB	m						8	Freq Offse 0 H
6 7 8 9														
10)	~	
ISG											5			



High Band-edge

Highest Channel & Modulation : π/4DQPSK



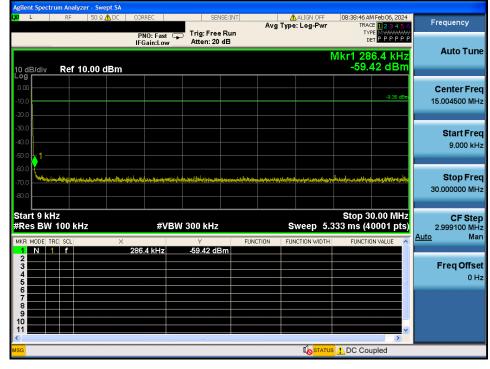
High Band-edge

Hopping mode & Modulation : π/4DQPSK





Highest Channel & Modulation : π/4DQPSK



Agilent Spectrum Analyzer - Sw	ept SA											
L RF 50 Ω	AC CORREC	SENSE:INT	ALIGN OFF Avg Type: Log-Pwr	08:39:34 AM Feb 06, 2024 TRACE 1 2 3 4 5 6	Frequency							
	PNO: Fast 🕞 IFGain:Low	Trig: Free Run Atten: 20 dB		TYPE MWWWWW DET P P P P P P								
10 dB/div Ref 10.00	Mkr5 6.281 19 GHz dB/div Ref 10.00 dBm -49.02 dBm											
10.00 -20.0				-9.36 dBm	Center Freq 5.015000000 GHz							
-30.0 2 -40.0 2 -50.0 <u>2</u>		المحافظ	5	ann an hear guighter de la constant de sole a sur de la	Start Freq 30.000000 MHz							
-60.0					Stop Freq 10.000000000 GHz							
Start 30 MHz #Res BW 1.0 MHz	#VBV	V 3.0 MHz	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Step 997.000000 MHz Auto Man							
MKR MODE TRC SCL	× 2.480 13 GHz	Y FI 10.80 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto Wan							
2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	878.70 MHz 3.286 70 GHz 3.232 61 GHz 6.281 19 GHz	-46.25 dBm -48.47 dBm -48.55 dBm -49.02 dBm			Freq Offset 0 Hz							
6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9												
				~								
MSG			STATUS									



Highest Channel & Modulation : π/4DQPSK





Low Band-edge

Lowest Channel & Modulation : 8DPSK



Low Band-edge

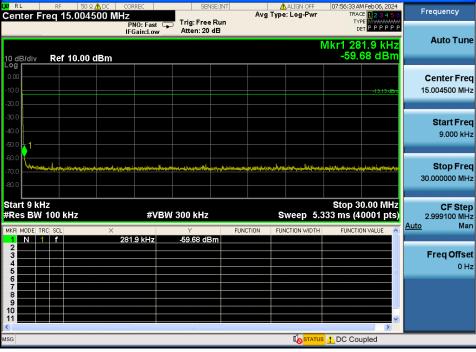
Hopping mode & Modulation : 8DPSK





Lowest Channel & Modulation : 8DPSK

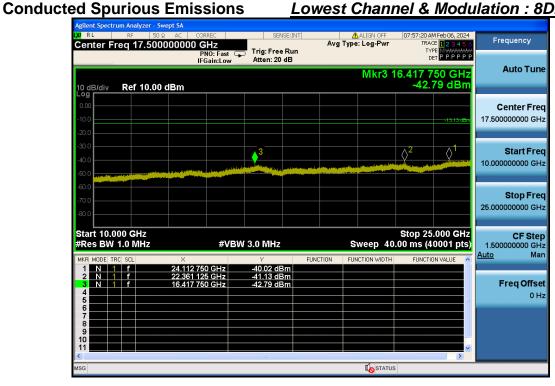




r Spectrum Analyzer - S RL RF 50		SENSE:IN	л	ALIGN OFF	07:56:58 AM Feb 06, 2024						
enter Freq 5.015	000000 GHz PNO: Fast	Trig: Free Run		Type: Log-Pwr	TRACE 12345 (TYPE MWWWW						
	IFGain:Low	Atten: 20 dB			DETPPPP	Auto Tup					
0 dB/div Ref 10.00 dBm -48.99 dBm -48.99 dBm											
og 1.00	¥1					Center Fre					
10.0					-13.13 dBm	5.015000000 GH					
20.0											
80.0						Start Fre					
۵.0 <mark>کے س</mark>	∧4 <u>∧</u> 5 <u>}3</u>					30.000000 MH					
50.0		ale al a substant of the state of the sec	alah di mini menganakan karang mengerakan karang mengerakan karang mengerakan karang mengerakan karang mengerak	a (the late, the located to be , , a first th	and representation of providents and the second state						
50.0				فأفانك تتعادين التنتفط	فتدني أنفاقه متكالكم	Oton En					
70.0						Stop Fre 10.000000000 GI					
80.0						10.000000000000					
tart 30 MHz					Stop 10.000 GHz	CF Ste					
Res BW 1.0 MHz	#VE	3W 3.0 MHz		Sweep 18	.67 ms (40001 pts)	997.000000 MH					
IKR MODE TRC SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma					
1 N 1 f	2.402 11 GHz 882.93 MHz	6.90 dBm -45.99 dBm									
3 N 1 f	3.276 98 GHz 1.825 85 GHz	-48.27 dBm -48.80 dBm				Freq Offs					
4 N 1 F 5 N 1 F	2.133 92 GHz	-48.99 dBm			=	01					
6											
9											
1					~						
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Lowest Channel & Modulation : 8DPSK



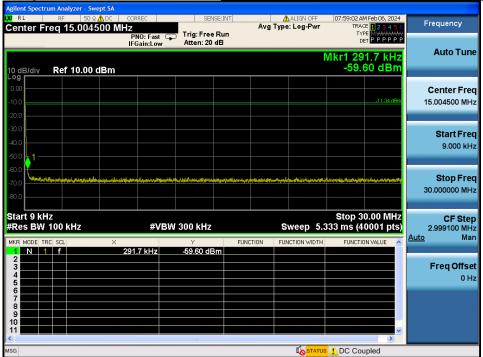


Reference for limit

Middle Channel & Modulation : 8DPSK



Conducted Spurious Emissions <u>Middle Channel & Modulation : 8DPSK</u>





Middle Channel & Modulation : 8DPSK



Agilent Spectr									
Center F		0000000 G		SENSE	Avg	ALIGN OFF	TRAC	4 Feb 06, 2024 CE 1 2 3 4 5 6 PE M WWWWW	Frequency
10 dB/div	Ref 10.0	IF	NO: Fast C Gain:Low	Trig: Free R Atten: 20 dl		Mkr3 1	DI	TPPPPP	Auto Tune
-10.0								11.34.dBm	Center Fred 17.500000000 GH:
-30.0				3			2	^1	Start Free 10.000000000 GH:
-60.0 -70.0 -80.0									Stop Fred 25.000000000 GH
Start 10.0 #Res BW	1.0 MHz		#VB	W 3.0 MHz		Sweep 40	.00 ms (4		CF Step 1.500000000 GH: Auto Mar
MKR MODE TH 1 N 1 2 N 1 3 N 1 4 5 6 9	RC SCL f f f	× 24.580 75 21.902 50 17.051 87	0 GHz	40.05 dBm -41.99 dBm -43.20 dBm	1	FUNCTION WIDTH	FUNCTIO		Freq Offse
7 8 9 10 11								~	
MSG							5		



High Band-edge

Highest Channel & Modulation : 8DPSK



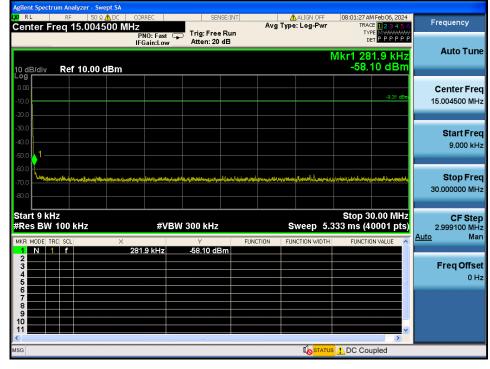
High Band-edge

Hopping mode & Modulation : 8DPSK





Highest Channel & Modulation : 8DPSK

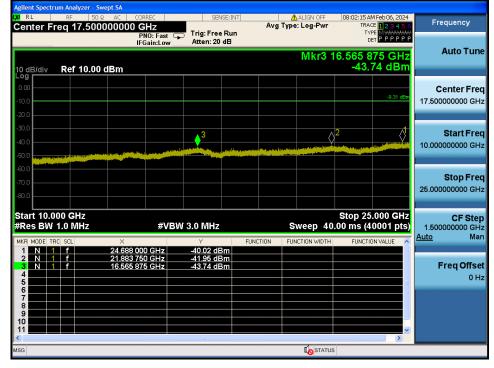


Agilent Spectr		<mark>- Swept SA</mark> 50 Ω AC	COR	REC	SEN	SE:INT		A a	ALIGN OFF	08:01:52.4	4 Feb 06, 2024		
Center F			0 GH	Z 0: Fast (Trig: Free	Run	Avg		Log-Pwr	TRA	E 12345 ET P P P P P	6	Frequency
10 dB/div	D dB/div Ref 10.00 dBm -46.50 dBm -46.50 dBm											Auto Tune	
Log 0.00 -10.0 -20.0			1								-9.31 dBr		Center Frec 5.015000000 GHz
-30.0 -40.0 -50.0	2 				Connect Transport of the spectra with the state	and the second	and the second states of the s						Start Free 30.000000 MH
-60.0 -70.0 -80.0												1	Stop Fred 0.000000000 GH;
#Res BW	Start 30 MHz Stop 10.000 GHz Res BW 1.0 MHz #VBW 3.0 MHz Sweep 18.67 ms (40001 pts)) AL	CF Step 997.000000 MH ito Mar		
MKR MODE TF 1 N 1 2 N 1 3 N 1 4 N 1 5 N 1 6 7 7	AC SOL	<u>2</u> 1	.479 88 880.94 .132 17 .822 86 .147 88	MHz GHz GHz	Y 10.79 dE -43.26 dE -44.73 dE -46.15 dE -46.50 dE	Sm Sm Sm Sm	UNCTION	FUNC	TION WIDTH	FUNCTI	DN VALUE		Freq Offse 0 H:
8 9 10 11 <					iii				STATUS				



Conducted Spurious Emissions <u>H</u>

Highest Channel & Modulation : 8DPSK





10. AC Power-Line Conducted Emissions

10.1. Test Setup

NA

10.2. Limit

According to §15.207(a) for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 uH/50 ohm line impedance stabilization network (LISN).

Compliance with the provision of this paragraph shall on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower applies at the boundary between the frequency ranges.

Frequency Range (MHz)	Conducted Limit (dBuV)						
	Quasi-Peak	Average					
0.15 ~ 0.50	66 to 56 *	56 to 46 *					
0.5 ~ 5.0	56	46					
5 ~ 30	60	50					

* Decreases with the logarithm of the frequency

10.3. Test Procedure

Conducted emissions from the EUT were measured according to the ANSI C63.10.

- 1. The test procedure is performed in a 6.5 m × 3.5 m × 3.5 m (L × W × H) shielded room. The EUT along with its peripherals were placed on a 1.0 m (W) × 1.5 m (L) and 0.8 m in height wooden table and the EUT was adjusted to maintain a 0.4 meter space from a vertical reference plane.
- 2. The EUT was connected to power mains through a line impedance stabilization network (LISN) which provides 50 ohm coupling impedance for measuring instrument and the chassis ground was bounded to the horizontal ground plane of shielded room.
- 3. All peripherals were connected to the second LISN and the chassis ground also bounded to the horizontal ground plane of shielded room.
- 4. The excess power cable between the EUT and the LISN was bundled. The power cables of peripherals were unbundled. All connecting cables of EUT and peripherals were moved to find the maximum emission.

10.4. Test Results

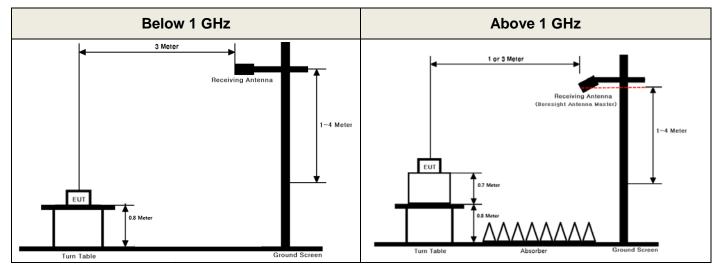
NA



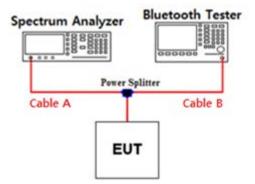
APPENDIX I

Test set up diagrams

Radiated Measurement



Conducted Measurement



Path loss information

Frequency (GHz)	Path Loss (dB)	Frequency (GHz)	Path Loss (dB)
0.03	6.13	15	8.03
1	6.34	20	8.72
2.402 & 2.441 & 2.480	7.23	25	9.00
5	7.22	-	-
10	7.41	-	-

Note 1: The path loss from EUT to Spectrum analyzer was measured and used for test. Path loss (S/A's correction factor) = Cable A + Power Splitter



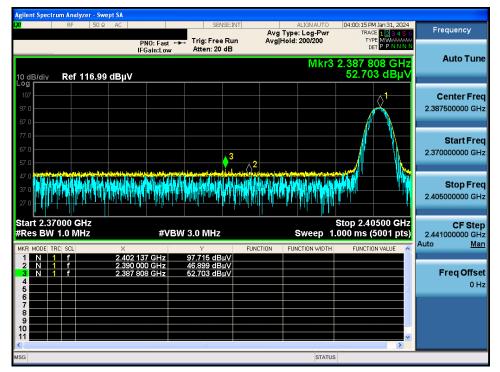
Detector Mode : PK

APPENDIX II

Unwanted Emissions (Radiated) Test Plot

- Power Supply: 12 V

GFSK & Lowest & X & Hor



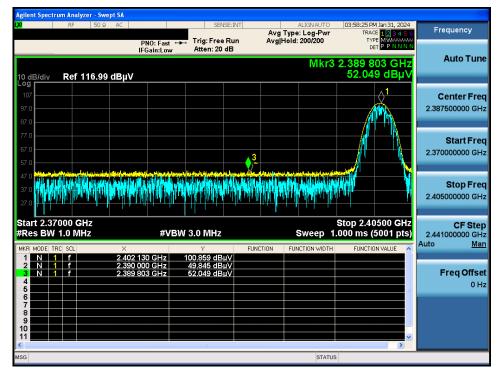
GFSK & Highest & X & Hor

Frequency Avg Type: Log-Pwr Avg|Hold: 200/200 Trig: Free Run Atten: 20 dB PNO: Fast + IFGain:Low Auto Tune Mkr3 2.485 075 2 GH2 52.271 dBµ\ Ref 116.99 dBµV Δ **Center Freq** 2.489000000 GHz Start Fred 2.478000000 GHz 13 ()<mark>2</mark> A KAN LALKA KA KA KA KA KA Stop Freq 2.50000000 GHz Start 2.47800 GHz #Res BW 1.0 MHz Stop 2.50000 GHz 1.000 ms (5001 pts) CF Step 2.441000000 GHz Juto <u>Man</u> #VBW 3.0 MHz Sweep Auto FUNCTION FUNCTION EUNCTION VALUE 50.186 dBµ\ 52.271 dBµ\ Freq Offset 0 Hz STATUS

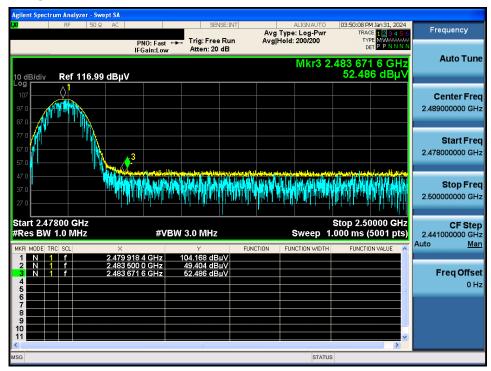


$\pi/4DQPSK$ & Lowest & X & Hor

Detector Mode : PK



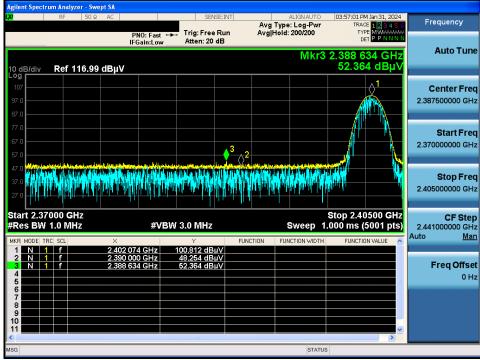
π /4DQPSK & Highest & X & Hor



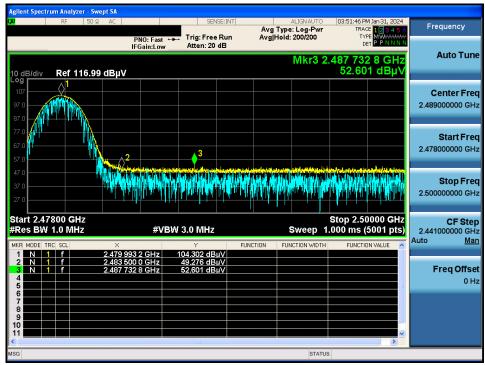


8DPSK & Lowest & X & Hor

Detector Mode : PK



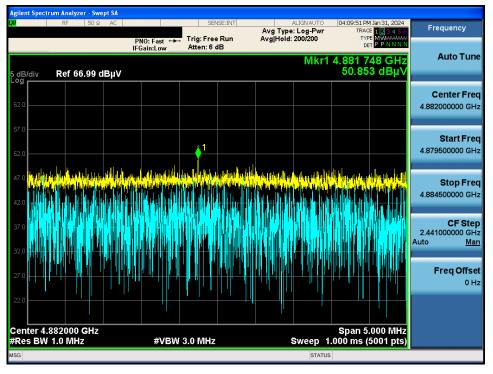
8DPSK & Lowest & X & Hor



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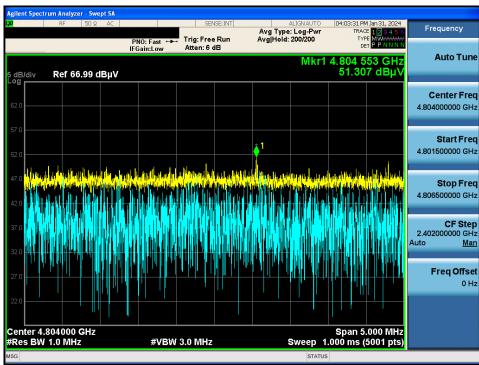


GFSK & Middle & X & Hor



$\pi/4DQPSK$ & Lowest & X & Hor

Detector Mode : PK





Detector Mode : PK

8DPSK & Middle & X & Hor

