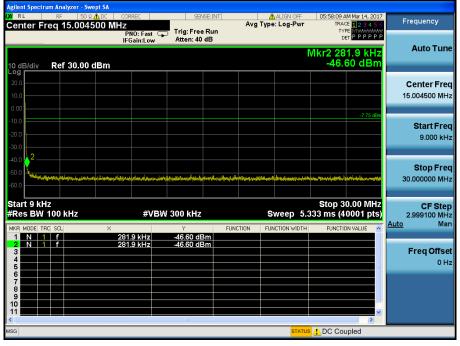


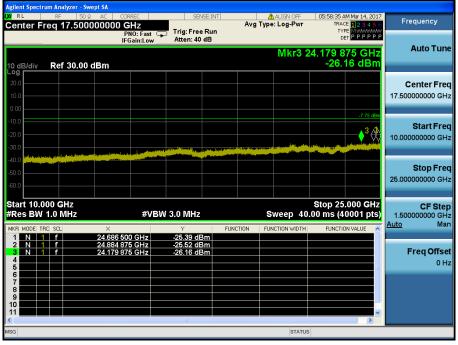
Lowest Channel & Modulation : GFSK



Agilent Spectrum Analyzer - Swept					
RL RF 50 Ω Center Freq 5.015000		SENSE:INT	ALIGN OFF Avg Type: Log-Pwr	05:58:23 AM Mar 14, 2017 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast 🖵	Trig: Free Run Atten: 40 dB		DET P P P P P	
	II OGINIEON		Mkr	5 2.506 05 GHz	Auto Tune
10 dB/div Ref 30.00 dB	Sm			-35.89 dBm	
20.0	<u>م ا</u>				Center Freq
10.0	<u> </u>				5.015000000 GHz
0.00					0.01000000000112
-10.0				-7.75 dBm	
-20.0					Start Freq
-30.0	∧ ³ ∕₅				30.000000 MHz
-40.0		Y		Althoused and participate	
-50.0					Stop Freq
-60.0					10.00000000 GHz
Start 30 MHz #Res BW 1.0 MHz	#VBW	3.0 MHz	Sweep 18	Stop 10.000 GHz .67 ms (40001 pts)	CF Step 997.000000 MHz
MKR MODE TRC SCL	X	Y FUN	CTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f	2.402 11 GHz 2.558 14 GHz	12.84 dBm -33.90 dBm			
	2.246 08 GHz 5.354 23 GHz	-34.42 dBm -35.56 dBm			Freq Offset
5 N 1 F	2.506 05 GHz	-35.89 dBm		=	0 Hz
6 7					
8					
10					
11 <				×	
MSG			STATUS	3	



Lowest Channel & Modulation : GFSK



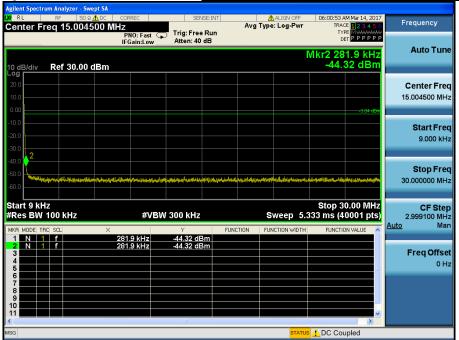


Reference for limit



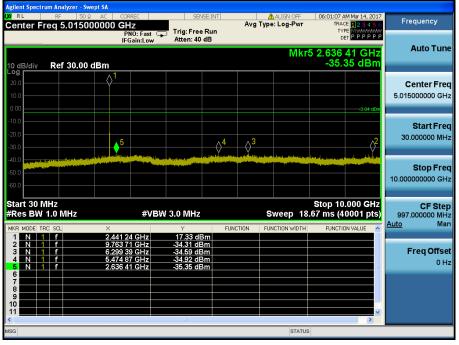


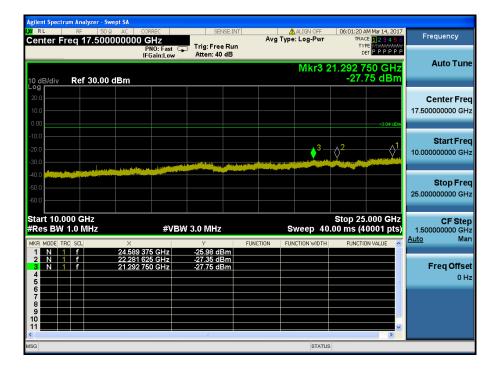
Conducted Spurious Emissions <u>Middle Channel & Modulation : GFSK</u>





Middle Channel & Modulation : GFSK







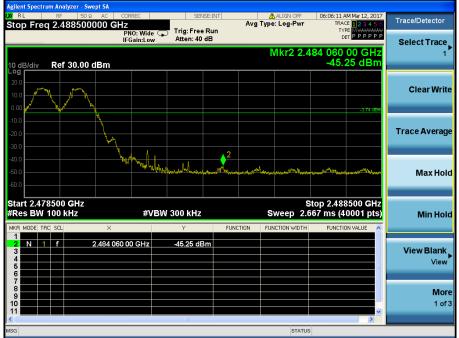
High Band-edge

Highest Channel & Modulation : GFSK

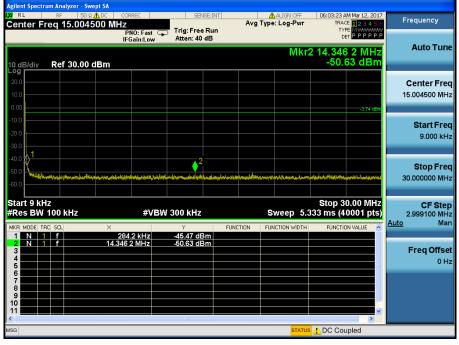


High Band-edge

Hopping mode & Modulation : GFSK



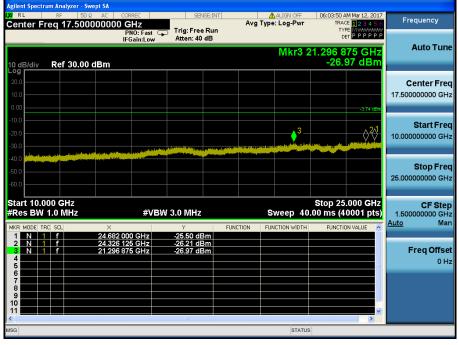
Highest Channel & Modulation : GFSK



Agilent Spectrum Analyzer - Swe					
RL RF 50 Ω Center Freq 5.01500	AC CORREC	SENSE:INT	ALIGN OFF Avg Type: Log-Pwr	06:03:37 AM Mar 12, 2017 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast C IFGain:Low	Trig: Free Run Atten: 40 dB		TYPE M WWWWWWW DET P P P P P P	
· · · · · · · · · · · · · · · · · · ·	IFGall.cow	Theorem 40 and	Mkr	5 6.216 14 GHz	Auto Tune
10 dB/div Ref 30.00 d	lBm		IVINI	-35.33 dBm	
20.0					Center Freq
10.0					5.015000000 GHz
0.00				-3.74 dBm	
-10.0					Start Freq
-20.0					30.000000 MHz
-30.0	\wedge^3 \wedge^2		<u>5</u>		00.000000 Min 12
-40.0		فيحدونهم أرجاس والمحار ومساويته المتراج			
-50.0					Stop Freq
-60.0					10.00000000 GHz
Start 30 MHz				Stop 10.000 GHz	
#Res BW 1.0 MHz	#VBI	№ 3.0 MHz	Sweep 18	.67 ms (40001 pts)	CF Step 997.000000 MHz
MKR MODE TRC SCL	×		INCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man
1 N 1 f 2 N 1 f	2.480 38 GHz 3.142 14 GHz	16.59 dBm -34.27 dBm			
3 N 1 f	2.324 35 GHz 3.049 41 GHz	-34.75 dBm -35.15 dBm			Freq Offset
5 N 1 f	6.216 14 GHz	-35.33 dBm		=	0 Hz
6					
8					
10				×	
<		110		> >	
MSG			STATUS	3	



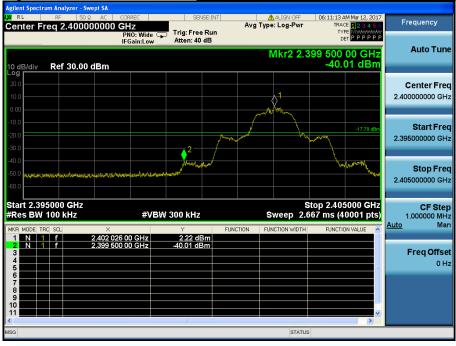
Highest Channel & Modulation : GFSK





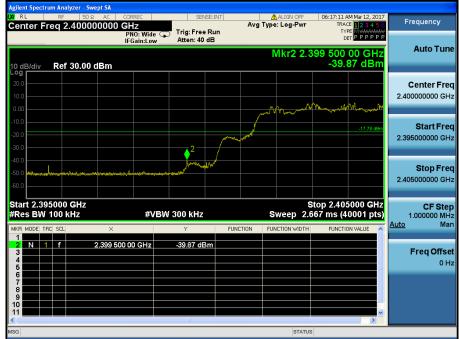
Low Band-edge

Lowest Channel & Modulation : π/4DQPSK



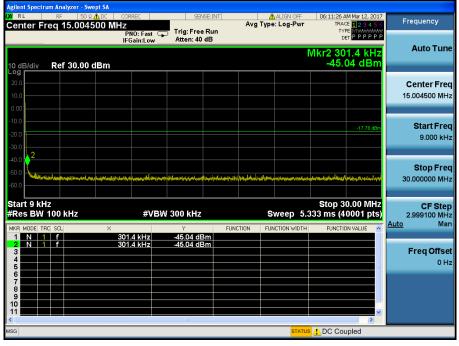
Low Band-edge

Hopping mode & Modulation : π/4DQPSK





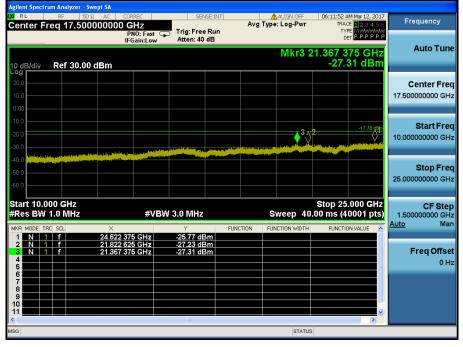
Lowest Channel & Modulation : π/4DQPSK



Agilent Spectrum Analyzer - Swe WR RL RF 50Ω Center Freq 5.01500	AC CORREC 0000 GHz PN0: Fast	SENSE:INT	ALIGN OFF Avg Type: Log-Pwr	06:11:39 AM Mar 12, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWAMW DET P P P P P P	Frequency
10 dB/div Ref 30.00 d	IFGain:Low	Atten: 40 dB	Mkr	5 3.355 74 GHz -35.74 dBm	Auto Tune
20.0 10.0	1				Center Freq 5.015000000 GHz
-10.0 -20.0 -30.0			¢2	-17.78 dBm	Start Freq 30.000000 MHz
-40.0 -50.0 -60.0					Stop Freq 10.000000000 GHz
Start 30 MHz #Res BW 1.0 MHz	#VBV	√ 3.0 MHz Y Fur 4.20 dBm	Sweep 18 NCTION FUNCTION WIDTH	Stop 10.000 GHz .67 ms (40001 pts) FUNCTION VALUE	CF Step 997.000000 MHz <u>Auto</u> Man
N 1 f 2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f 6 - - 7 - -	2.402 11 GHz 5.938 47 GHz 3.203 45 GHz 5.858 96 GHz 3.355 74 GHz	4.20 dBm -34.82 dBm -35.45 dBm -35.49 dBm -35.74 dBm			Freq Offset 0 Hz
8 9 10 11 K		uii	STATUS	×	



Lowest Channel & Modulation : π/4DQPSK





Reference for limit

Middle Channel & Modulation : π/4DQPSK

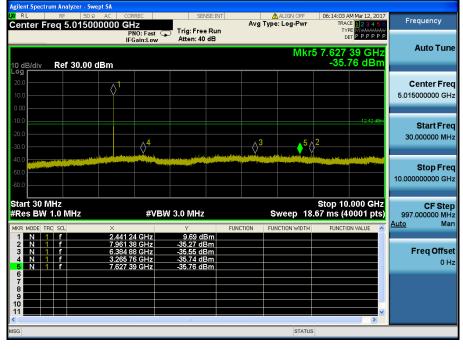


Conducted Spurious Emissions <u>Middle Channel & Modulation : π/4DQPSK</u>

gilent Spectrum Analyzer - Swept SA M Mar 12, 201 ALIGN OFF 06:13:49 Frequency Center Freq 15.004500 MHz TYPE MUMUMUM DET P P P P P P PNO: Fast Trig: Free Run IFGain:Low Atten: 40 dB Auto Tune Mkr2 292.4 kHz -45.88 dBm Ref 30.00 dBm **Center Freq** 15.004500 MHz Start Freq 9.000 kHz Stop Freq 30.000000 MHz CF Step 2.999100 MHz Man Stop 30.00 MHz Sweep 5.333 ms (40001 pts) Start 9 kHz #Res BW 100 kHz #VBW 300 kHz Auto 292.4 kHz 292.4 kHz -45.88 dBm -45.88 dBm N 1 f N 1 f Freq Offset 0 Hz DC Coupled



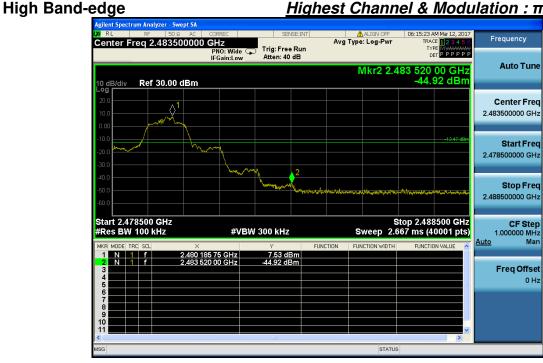
Middle Channel & Modulation : π/4DQPSK



Agilent Spectr									
Center Fi		50 Ω AC COP 000000000 P		SENSE:	Avg	ALIGN OFF Type: Log-Pwr	TRACE	Mar 12, 2017	Frequency
10 dB/div	Ref 30.	IF	Gain:Low	Atten: 40 dB		Mkr3 2	4.129 25	0 GHz 4 dBm	Auto Tune
20.0 10.0									Center Fred 17.500000000 GH;
-10.0 -20.0 -30.0			instantio	THAT IS A REAL PROPERTY OF THE PARTY OF				12.12 dBm	Start Free 10.000000000 GH:
-40.0									Stop Fre 25.000000000 GH
Start 10.0 #Res BW	1.0 MHz		#VBV	/ 3.0 MHz		Sweep 40	•	001 pts)	CF Step 1.500000000 GH Auto Mai
MKR MODE TF	f f	× 24.944 87 24.627 62		-25.47 dBm -25.56 dBm	FUNCTION	FUNCTION WIDTH	FUNCTION	VALUE	
3 N 1 4 5	f	24.129 25		-26.04 dBm				=	Freq Offse 0 Ha
6 7 8 9									
10 11 11 11 11 11 11 11 11 11 11 11 11 1								~	
MSG						STATUS	6		



Highest Channel & Modulation : π/4DQPSK



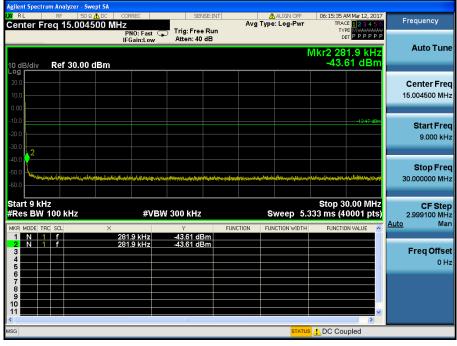
High Band-edge

Hopping mode & Modulation : π/4DQPSK





Highest Channel & Modulation : π/4DQPSK



Agilent Spectrum Analyzer -						
Center Freq 5.015		SENSE:INT		ALIGN OFF e: Log-Pwr	06:15:49 AM Mar 12, 2017 TRACE 1 2 3 4 5 6 TYPE MIANANAN	Frequency
	PNO: Fast IFGain:Low	Atten: 40 dB				Auto Tune
10 dB/div Ref 30.0	10 dBm			Mkr	5 5.772 22 GHz -35.69 dBm	Auto Tune
Log 20.0 10.0 0.00						Center Freq 5.015000000 GHz
-10.0 -20.0 -30.0	 ♦				-12.47 dBm	Start Freq 30.000000 MHz
-40.0 -50.0 -60.0						Stop Freq 10.00000000 GHz
Start 30 MHz #Res BW 1.0 MHz	#VE	W 3.0 MHz	s	weep 18	Stop 10.000 GHz 67 ms (40001 pts)	CF Step 997.000000 MHz Auto Man
MKR MODE TRC SCL	× 2.480 38 GHz	9.54 dBm	FUNCTION FUI	NCTION WIDTH	FUNCTION VALUE	Auto Man
2 N 1 f 3 N 1 f 4 N 1 f 5 N 1 f	6.300 38 GHz 7.642 34 GHz 3.130 42 GHz 5.772 22 GHz	-35.15 dBm -35.27 dBm -35.58 dBm -35.69 dBm				Freq Offset 0 Hz
6 7 8 9 10						
11 (m			×	
MSG				STATUS		



Highest Channel & Modulation : π/4DQPSK





Low Band-edge

Lowest Channel & Modulation : 8DPSK



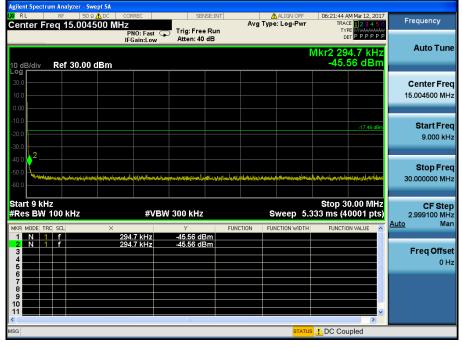
Low Band-edge

Hopping mode & Modulation : 8DPSK





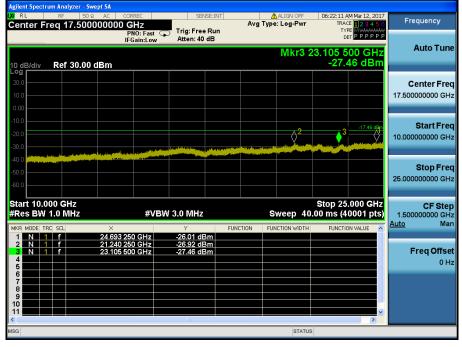
Lowest Channel & Modulation : 8DPSK



Agilent Spect	rum Ana													
Center F	_R ⊧ rea 5			correc GHz			ISE:INT	Avg		LIGN OFF Log-Pwr	TRA	AM Mar 12, 20 CE <mark>1 2 3 4 5</mark>	6	Frequency
				PNO: Fa IFGain:Lo		Trig: Free Atten: 40					D	PE MWWWW ET P P P P P	P	Auto Tune
10 dB/div	Ref	30.00 d	Bm							Mkr	5 5.843 -35.	76 GH 45 dBn		
20.0 10.0														Center Fred 5.015000000 GH;
0.00 -10.0 -20.0												-17.46 dB	In	Start Free 30.000000 MH;
-30.0				∂ ²				⁵ <u>}</u> 3_			Martin Constant of Martin State			Stop Fred
-60.0														10.000000000 GH
Start 30 I #Res BW		IHz		#	VBW	3.0 MHz			Sw	eep 18	Stop 10 .67 ms (4	.000 GH 0001 pts	5)	CF Step 997.000000 MH: Auto Mar
MKR MODE T	1 f			1 86 GHz		Y 4.84 dB	3m	NCTION	FUNCT	FION WIDTH	FUNCTI	DN VALUE	^ í	<u>rato</u> Mai
2 N 3 N 4 N 5 N	1 f 1 f 1 f 1 f		6.252 5.753	1 73 GH; 2 78 GH; 3 03 GH; 3 76 GH;	z z	-34.91 dE -35.12 dE -35.41 dE -35.45 dE	3m 3m						=	Freq Offse 0 Ha
6 7 8 9														
11						ш							~	
MSG										STATUS				



Lowest Channel & Modulation : 8DPSK



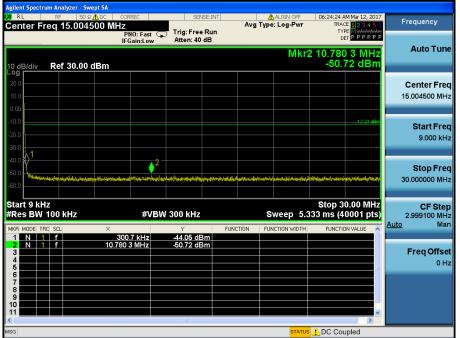


Reference for limit





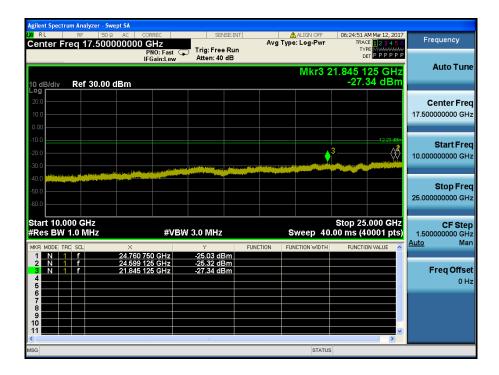
Conducted Spurious Emissions <u>Middle Channel & Modulation : 8DPSK</u>





Middle Channel & Modulation : 8DPSK







High Band-edge

Highest Channel & Modulation : 8DPSK



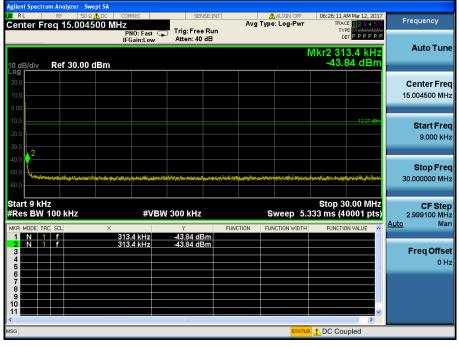
High Band-edge

Hopping mode & Modulation : 8DPSK





Highest Channel & Modulation : 8DPSK



Agilent Spectrum Analyzer - Swe		SENSE:INT	ALIGN OFF	06:26:25 AM Mar 12, 2017	
Center Freq 5.01500			Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P	Frequency
	IFGain:Low	Atten: 40 dB			Auto Tune
10 dB/div Ref 30.00 d	dBm		Mkr	5 5.815 59 GHz -35.31 dBm	
Log 20.0	1				Center Freq
10.0	<u> </u>				5.015000000 GHz
-10.0				12.27 dBm	
-20.0					Start Freq 30.000000 MHz
-30.0	4				
-40.0					Stop Freq
-60.0					10.00000000 GHz
Start 30 MHz			9	Stop 10.000 GHz	CF Step
#Res BW 1.0 MHz	#VBV	/ 3.0 MHz	FUNCTION FUNCTION WIDTH	67 ms (40001 pts)	997.000000 MHz <u>Auto</u> Man
1 N 1 f	2.480 38 GHz 6.264 49 GHz	10.39 dBm -34.61 dBm	Tokenow Tokenow with		
3 N 1 F	6.372 42 GHz 3.406 34 GHz	-34.96 dBm -35.16 dBm			Freq Offset
5 N 1 f	5.815 59 GHz	-35.31 dBm			0 Hz
7 8					
9					
<		Ш		×	
MSG			STATUS		



Highest Channel & Modulation : 8DPSK

Center Freq 17.50	0 Ω AC CORREC 0000000 GHz PNO: Fa	SENSE:I	Avg Typ	ALIGN OFF	TRAC	M Mar 12, 2017 E 2 3 4 5 6	Frequency
0 dB/div Ref 30.0	IFGain:L			Mkr3 2	2.337 8	75 GHz 55 dBm	Auto Tune
-09 20.0 10.0 0.00							Center Fre 17.500000000 GH
-10.0		and the first of the state of the field that and	M ANDER COMPANY OF A COMPANY OF A COMPANY		3	12.27 dBm	Start Free 10.000000000 GH
40.0 50.0 60.0 							Stop Fre 25.000000000 GH
Start 10.000 GHz Res BW 1.0 MHz	# 	VBW 3.0 MHz		weep 40	.00 ms (4	.000 GHz 0001 pts)	CF Ste 1.500000000 GH <u>Auto</u> Ma
1 N 1 f 2 N 1 f 3 N 1 f 4 5	24.629 500 GH 24.158 500 GH 22.337 875 GH	z -26.08 dBm					Freq Offse 0 H
6 7 8 9 10							
11 sg				STATUS		>	

8. Transmitter AC Power Line Conducted Emission

8.1 Test Setup

NA

8.2 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.

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

* Decreases with the logarithm of the frequency

8.3 Test Procedures

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

- 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.

8.4 Test Results

NA



9. Antenna Requirement

Describe how the EUT complies with the requirement that either its antenna is permanently attached, or that

it employs a unique antenna connector, for every antenna proposed for use with the EUT.

Conclusion: Comply

The antenna type is a SMD antenna. The antenna is attached permanently using soldering. (Refer to Internal Photo file.) Therefore this E.U.T Complies with the requirement of §15.203

- Minimum Standard :

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 an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions.

10.1 Test Setup

Refer to the APPENDIX I.

10.2 Limit

Limit : Not Applicable

10.3 Test Procedure

The 99 % power bandwidth was measured with a calibrated spectrum analyzer.

The resolution bandwidth (RBW) shall be in the range of 1 % to 5 % of the occupied bandwidth (OBW) and video bandwidth (VBW) shall be approximately $3 \times RBW$.

Spectrum analyzer plots are included on the following pages.

10.4 Test Results

Modulation	Tested Channel	Test Results (MHz)
	Lowest	0.877
<u>GFSK</u>	Middle	0.874
	Highest	0.872
	Lowest	1.285
<u>π/4DQPSK</u>	Middle	1.293
	Highest	1.259
	Lowest	1.286
<u>8DPSK</u>	Middle	1.284
	Highest	1.256







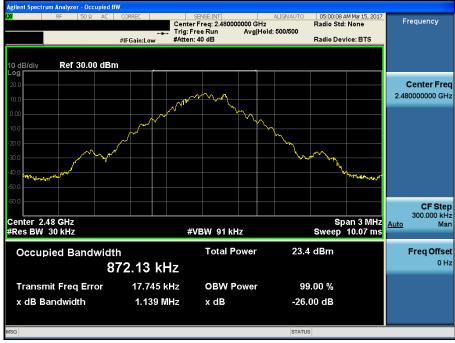
Occupied Bandwidth (99 %)

Middle Channel & GFSK



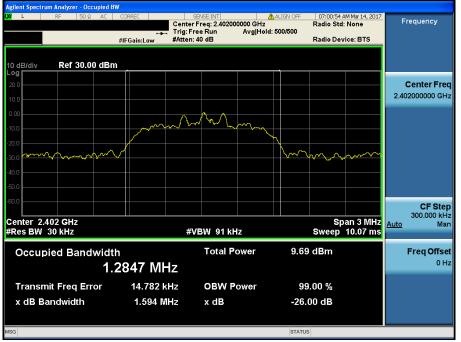








Lowest Channel & π/4 DQPSK



Occupied Bandwidth (99 %)

Middle Channel & π/4 DQPSK





Highest Channel & π/4 DQPSK









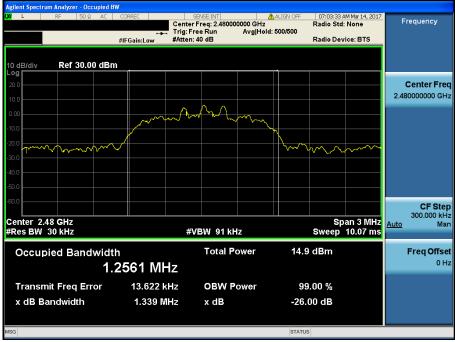
Occupied Bandwidth (99 %)

Middle Channel & 8DPSK





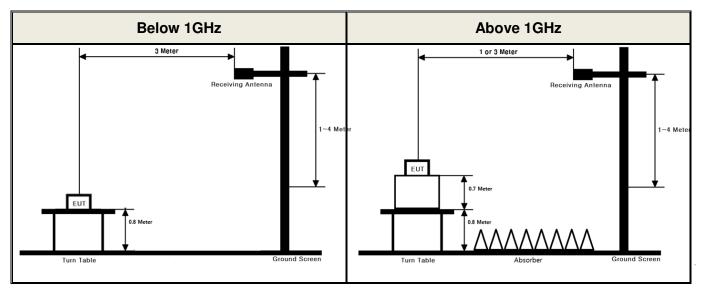




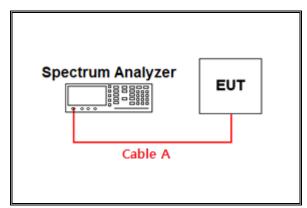
APPENDIX I

Test set up diagrams

Radiated Measurement



Conducted Measurement



Path loss information

Frequency (GHz)	Path Loss (dB)	Frequency (GHz)	Path Loss (dB)
0.03	0.18	15	3.50
1	0.80	20	4.86
2.402 & 2.441 & 2.480	1.30	25	5.35
5	1.82	-	-
10	2.70	-	-

Note 1 : The path loss from EUT to Spectrum analyzer were measured and used for test.

Path loss (S/A's Correction factor) = Cable A

APPENDIX II

Unwanted Emissions (Radiated) Test Plot

GFSK & Lowest & Z & Hor

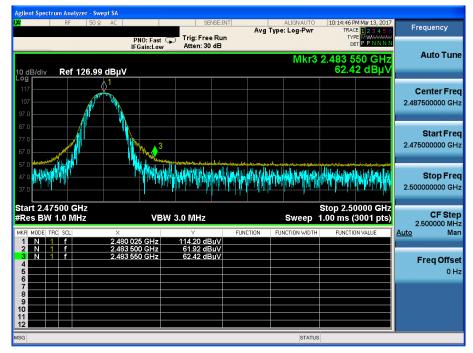
TRACE Frequency Avg Type: Log-Pwr PNO: Fast Trig: Free Run IFGain:Low Atten: 30 dB 123 MW4 TYPE DET Auto Tune Mkr4 2.376 06 GHz 57.28 dBµ\ Ref 126.99 dBµV **Center Freq** 2.357500000 GHz Start Freq 2.310000000 GHz ₿ Å elyenterelyteten for the the second design of the second second second second second second second second secon Stop Freq 2.40500000 GHz Start 2.31000 GHz #Res BW 1.0 MHz Stop 2.40500 GHz 1.00 ms (3001 pts) CF Step 9.500000 MHz VBW 3.0 MHz Sweep Auto Mar Freq Offset 0 Hz 10 11 12

GFSK & Lowest & Z & Hor

Spectrum Analyzer - Swept Si Frequency Avg Type: Log-Pwi Avg|Hold: 200/200 A TYPE DET Trig: Free Run Atten: 30 dB PNO: Fast 🔸 Auto Tune Mkr4 2.375 99 GH 45.869 dBµ\ Ref 126.99 dBµV **Center Freq** 2.357500000 GHz Start Freq 2.310000000 GHz $\langle \rangle^{\frac{32}{2}}$ Stop Freq 2.40500000 GHz Start 2.31000 GHz #Res BW 1.0 MHz Stop 2.40500 GHz 74.2 ms (3001 pts) CF Step 9.500000 MHz Man #VBW 1.0 kHz Sweep FUNCTION Auto Freq Offset 0 Hz STATUS

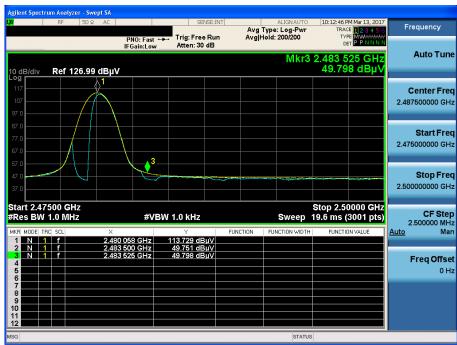


GFSK & Highest & Z & Hor



Detector Mode : AV

GFSK & Highest & Z & Hor

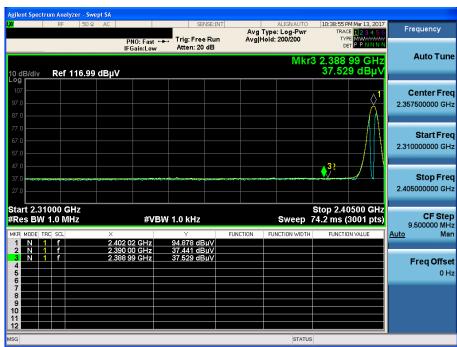




$\pi/4DQPSK$ & Lowest & Z & Hor

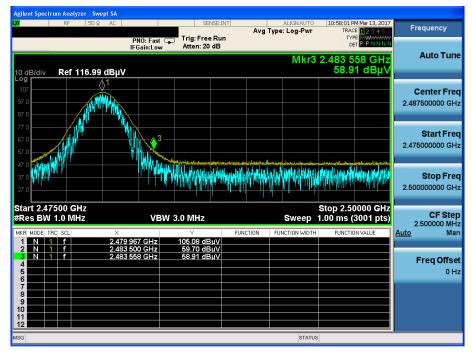
lgilen	t Spectr	um Ana	alyzer - Swe	ept SA						
XI		RF	50 Ω	AC		SEN	SE:INT	ALIGNAUTO	10:39:49 PM Mar 13, 20 TRACE 1 2 3 4	
					PNO: Fast G Gain:Low	Trig: Free Atten: 20 d	Run	vg Type. Log+ wi	TYPE MWWWW DET P P N N I	
10 dE	3/div	Ref	f 116.99	dBµV				Mkr	3 2.389 08 GH 49.42 dBµ	Z Auto Tune V
Log 107										1 Center Freq
97.0									<u>`</u> `	2.357500000 GHz
87.0									(⁻)	
77.0										Start Freq
67.0 57.0									32	2.310000000 GHz
47.0	the supervised of	بالجليد	بالربي ومبارك وماليه	لسنجيجيهماهم	La and the second dist		وسام مناهدة الإجماعاتينية		- and and and	
37.0	n Willy	喇叭	新州	h M	un dan di ka	帕斯斯斯	evilophy and a second	n an the state of the		Stop Freq
27.0	i i i i	. I U	l (Marti	and shall be		aller det.	<u>6 . [61. bid</u>	HU. WHAT	olis at a se	2.405000000 GHz
	t 2.31								Stop 2.40500 GH	rz CF Step
	s BW		ИHz		VBW	3.0 MHz			1.00 ms (3001 pt	9.500000 MHz
MKR 1	NI 1	RC SCL		× 2.401 ·	99 GHz	۲ 101.19 dBi	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Man
2	N 1	f		2.390	00 GHz	49.77 dBi	IV VI			
3 4	N 1			2.389	08 GHz	49.42 dBi	17			Freq Offset
5										0 Hz
7										
9										
10 11										

π/4DQPSK & Lowest & Z & Hor

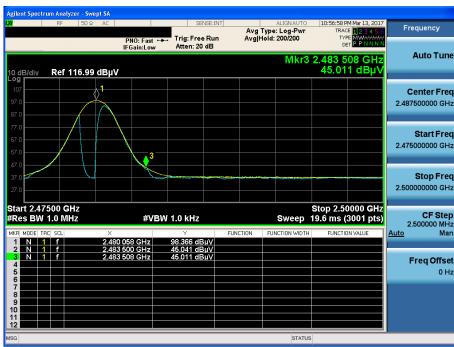




$\pi/4DQPSK$ & Highest & Z & Hor



π/4DQPSK & Highest & Z & Hor





8DPSK & Lowest & Z & Hor

	nt Spectr		alyzer - Sw										
L XI		RF	: 50 Ω	AC		SEN	SE:INT	Ava	ALIGN AUT		PM Mar 13, 2017	Frequency	y
					PNO: Fast 🔾	Trig: Free Atten: 20			· ,, · · · · 3 · · ·	TY	PE MWWWWWW		
_				IF	Gain:Low	Atten: 20	dB					Auto T	une
									IVIE	(r3 2.389	65 GHZ 11 dBµV		and
10 d Log	B/div	Re	f 116.99	dBμV						49.8	ιασμν		
107	<u> </u>										<u> </u>	Center	Frea
97.0											— Ă	2.357500000	
87.0											-/		_
77.0											-		
67.0												Start	
57.0										3		2.31000000	GHz
47.0		بممرمله	ىدىرىدىر <u>لەنچىرىم</u> ى	window allowed		المعصيم ومعاملة المنطقة	المريد المنادية المراجع	ومربيه مرودي	يناهدون وزيس الترجية	and the second second	كملي		
37.0	distanti di	And	A BARANA	Address and	na di kana	AND MUNICIPALITY	and the last	Marte Intel	In the second state	in the line of the		Stop I	Frea
27.0		"INP	h	AMABUM	No that h	a na hana basa basa	h ok ini - Mili	NA A UN	an la dhuha la dh	ad Lanada di	r herd h	2.405000000	
21.0				<u>pr. –</u>				1					_
	rt 2.31										0500 GHz	CER	Step
#Re	s BW	1.0	MHz		VBW	3.0 MHz			Sweep	1.00 ms (3001 pts)	9.500000	
MKR	MODE TI		_	Х		Y		NCTION	FUNCTION WID	TH FUNCTI	ON VALUE	<u>Auto</u>	Man
1	N 1	f			02 GHz 00 GHz	101.30 dB 47.89 dB							
3	N 1	f		2.389	65 GHz	49.91 dB	JV					Freq O	ffset
45													0 Hz
6 7													_
8													
9 10													
11													
12													
MSG									STAT	TUS			

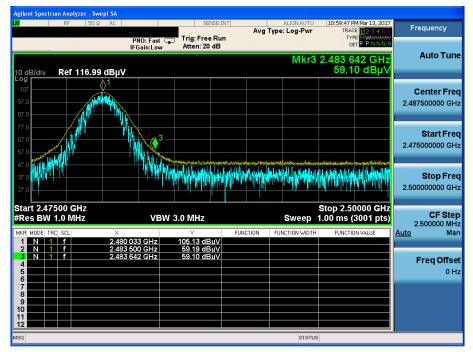
Detector Mode : AV

8DPSK & Lowest & Z & Hor

IFGain:Lov 9 dBµV	v Atten: 20 dB			TYPE MWWWWW DET P P N N N N	
			Mkra	3 2.388 80 GHz 37.552 dBµV	Auto Tur
					Center Fr 2.357500000 G
				22	Start Fr 2.310000000 G
					Stop Fr 2.405000000 G
#V	BW 1.0 kHz		Sweep 7	Stop 2.40500 GHz 4.2 ms (3001 pts)	CF St 9.500000 M
× 2.402 06 GHz 2.390 00 CHz	Y 94.858 dBµV 37.414 dBµV	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto M
2.388 80 GHz	37.552 dBµV				Freq Offs 0
	× 2.402 06 GHz 2.390 00 GHz	2.402 06 GHz 94.858 dBµV 2.390 00 GHz 37.414 dBµV	X Y FUNCTION 2.402 06 GHz 94.858 dBµV 2.390 00 GHz 37.414 dBµV	#VBW 1.0 kHz Sweep 7 × Y FUNCTION FUNCTION VADTH 2.402 06 GHz 94.358 GHV FUNCTION FUNCTION VADTH 2.390 00 GHz 37.414 dBµV FUNCTION FUNCTION	X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE 2.402.06 GHz 94.858 dBµV 94.858 dBµV 94.858 dBµV 94.858 dBµV 2.390.00 GHz 37.414 dBµV 94.858 dBµV 94.858 dBµV 94.858 dBµV 2.398.80 GHz 37.552 dBµV 94.858 dBµV 94.858 dBµV 94.858 dBµV

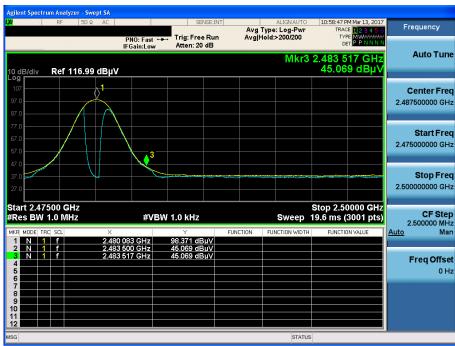


8DPSK & Highest & Z & Hor



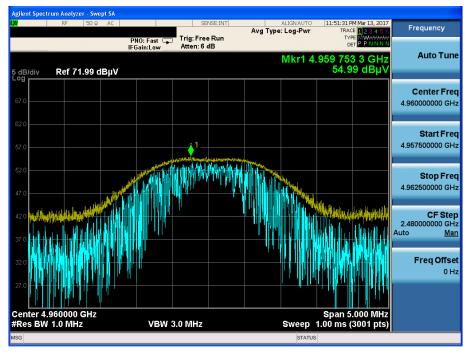
Detector Mode : AV

8DPSK & Highest & Z & Hor



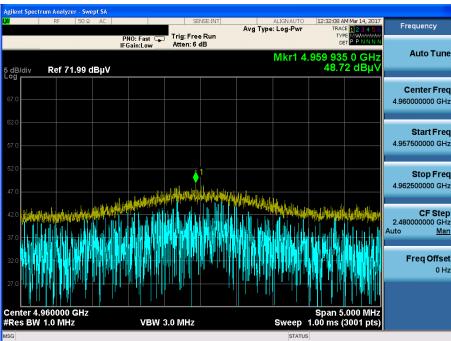


GFSK & Highest & X & Ver



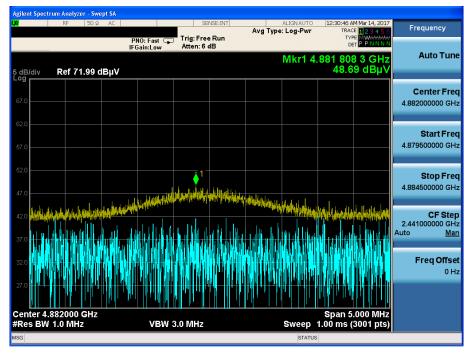
π/4DQPSK & Highest & X & Ver

Detector Mode : PK



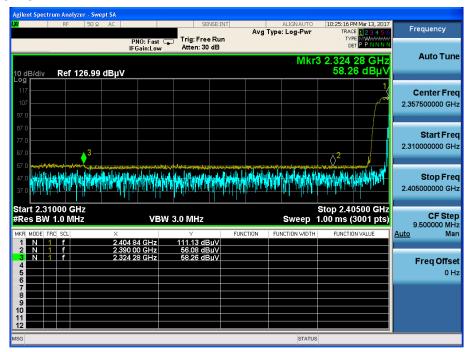


8DPSK & Middle & X & Ver





GFSK & Hopping mode & Z & Hor

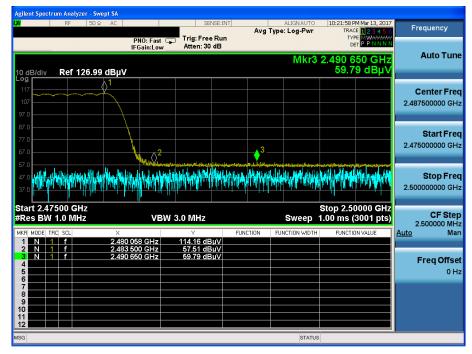


GFSK & Hopping mode & Z & Hor

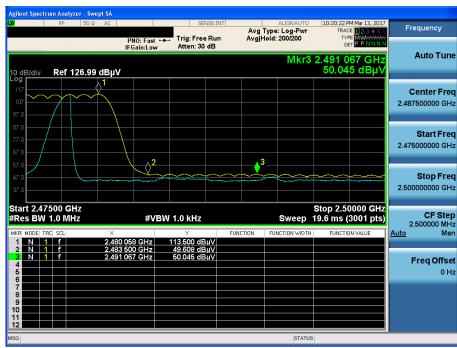
Mar 13, 2 Frequency Avg Type: Log-Pwr Avg|Hold: 200/200 TRACE TYPE DET Trig: Free Run Atten: 30 dB PNO: Fast ↔→ IFGain:Low Auto Tune Mkr3 2.324 06 GHz 53.440 dBµV Ref 126.99 dBµV l0 dB/div .og r **Center Freq** 2.357500000 GHz Start Freq 2.310000000 GHz 3 \Diamond^2 Stop Freq 2.405000000 GHz Stop 2.40500 GHz 74.2 ms (3001 pts) 2.31000 GHz BW 1.0 MHz CF Step 9.500000 MHz Man #VBW 1.0 kHz Sweep #Re FUNCTION Auto 46.152 dBµ 53.440 dBµ 2 324 06 Freq Offset 0 Hz STATUS



GFSK & Hopping mode & Z & Hor

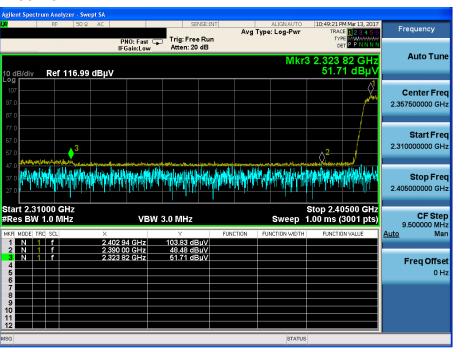


GFSK & Hopping mode & Z & Hor





$\pi/4DQPSK$ & Hopping mode & Z & Hor

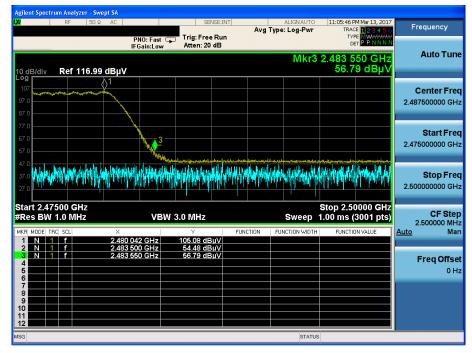


π /4DQPSK & Hopping mode & Z & Hor





$\pi/4DQPSK$ & Hopping mode & Z & Hor

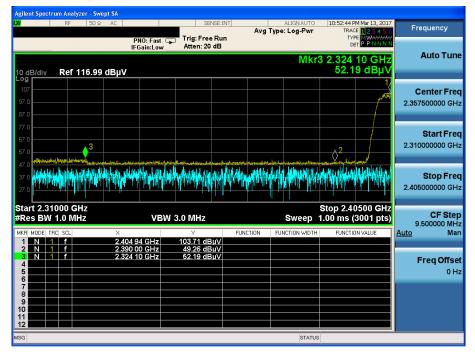


$\pi/4DQPSK$ & Hopping mode & Z & Hor





8DPSK & Hopping mode & Z & Hor

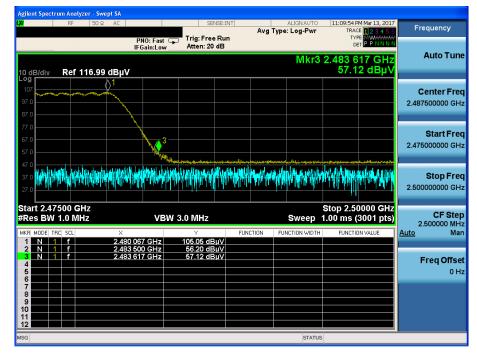


8DPSK & Hopping mode & Z & Hor





8DPSK & Hopping mode & Z & Hor



8DPSK & Hopping mode & Z & Hor

