8. Transmitter AC Power Line Conducted Emission

8.1 Test Setup

See test photographs for the actual connections between EUT and support equipment.

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.

Frequency Range (MHz)	Conducted Limit (dBuV)				
Frequency hange (Minz)	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

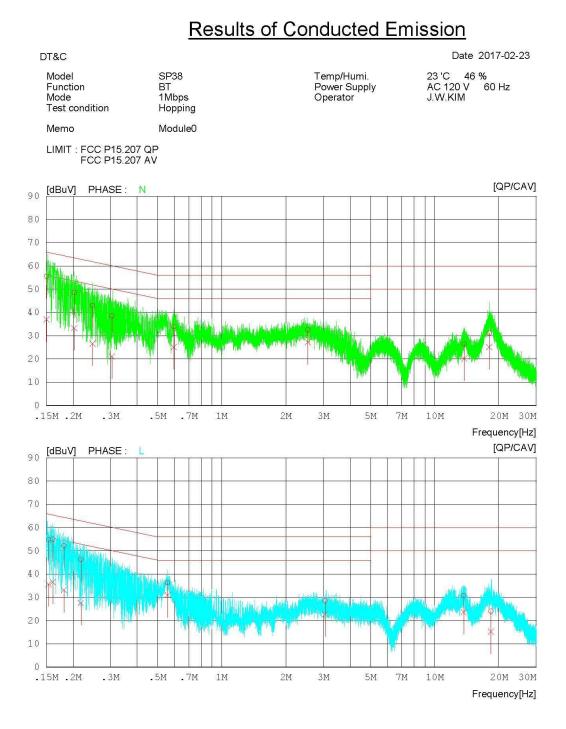
8.3 Test Procedures

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

- 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.

8.4 Test Results

AC Line Conducted Emissions (Graph) = Modulation : <u>GFSK_Module 0</u>



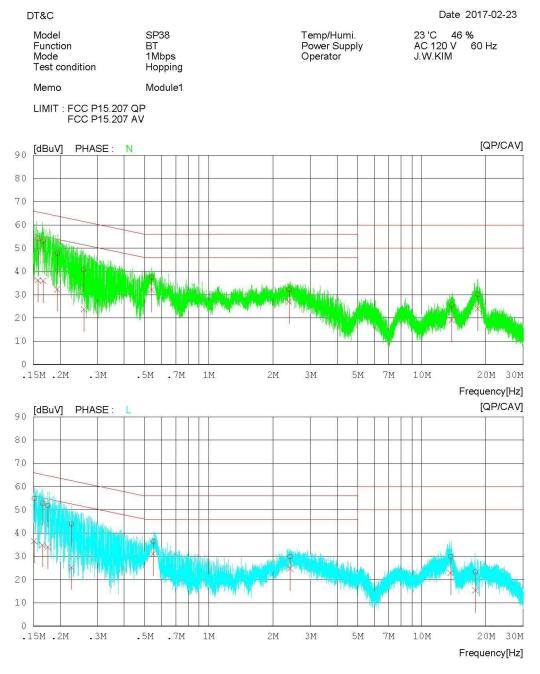
AC Line Conducted Emissions (List) = Modulation : <u>GFSK_Module 0</u>

Results of Conducted Emission

DT&C										Date	2017-02-23	
Mode Funct Mode Test o	ion		SP38 BT 1Mbps Hopping	I		Po	emp/Hun ower Sup perator		A	3 'C 46 .C 120 V .W.KIM	% 60 Hz	
Memo	D .		Module)								
LIMIT	FCC P15 FCC P15											
NO	FREQ		DING	C.FACTOR				MIT		LARGIN	PHASE	
	[MHz]	QP [dBuV	CAV] [dBuV]	[dB]	QP [dBuV][CAV dBuV]	QP [dBuV	CAV] [dBuV	QF [dBu	CAV V][dBuV]	7]	203
1	0.15062			3.34	55.6536		65.97	55.97		18.98	Ν	
2	0.20283			2.02	48.4933		63.49	53.49		20.18	N	
3 4	0.24729			1.54 1.19	43.0120		61.85 60.12	51.85 50.12		25.21 29.04	N N	
5	0.59425			0.59	33.83 25		56.00	46.00		29.04	N	
6	2.53580			0.33	32.55 2		56.00	46.00		18.81	N	
	13.75820			0.47	26.30 20		60.00	50.00		29.82	N	
8	18.02920	30.60	24.70	0.49	31.09 25	5.19	60.00	50.00	28.91	24.81	Ν	
9	0.15350			3.27	54.7235		65.81	55.81		20.22	L	
10	0.16100			3.02	54.9336		65.41	55.41		18.84	L	
11	0.18145			2.47	52.15 33		64.42	54.42		21.34	L	
12	0.21780			1.89	46.27 2		62.90	52.90		25.33	L	
13 14	0.55668			0.65 0.35	36.3930		56.00 56.00	$46.00 \\ 46.00$		15.11 23.26	L L	
177 (T) (13.68120			0.35	30.65 23		50.00	40.00		26.41	L	
	18.35380			0.54	24.0215		60.00	50.00		34.76	L	

AC Line Conducted Emissions (Graph) = Modulation : <u>GFSK_Module 1</u>





AC Line Conducted Emissions (List) = Modulation : <u>GFSK Module 1</u>

Results of Conducted Emission

DT&C							Date	2017-02-23
Model Function Mode Test conditi	on	SP38 BT 1Mbps Hopping		F	⁻ emp/Hur ² ower Suj 0perator		23 'C 46 AC 120 V J.W.KIM	5 % 60 Hz
Memo		Module1						
	2 P15.207 QI 2 P15.207 AV							
NO FF			C.FACTOR			IMIT	MARGIN	PHASE
[MF	QP [dBuV	CAV] [dBuV]	[dB]	QP CAV [dBuV][dBuV	QP] [dBu\	CAV /] [dBuV	QP CAV] [dBuV][dBu\	7]
	5750 51.01		3.10	54.11 36.27	65.59	55.59	11.4819.32	N
	5686 50.31 9454 45.71		2.77 2.16	53.0836.03 47.8732.37	65.12 63.84	55.12 53.84	12.04 19.09 15.97 21.47	N N
	5898 39.24		1.46	40.7023.75	61.46	51.46	20.7627.71	N
	3857 36.71		0.65	37.3632.13	56.00	46.00	18.64 13.87	N
6 2.3	7820 31.81	26.82	0.33	32.14 27.15	56.00	46.00	23.8618.85	Ν
	3560 25.10		0.47	25.57 19.13	60.00	50.00	34.43 30.87	Ν
	2900 29.50		0.50	30.0024.15	60.00	50.00	30.00 25.85	Ν
	5166 51.47		3.33	54.8036.58	65.91	55.91	11.1119.33	L
	5565 50.01		2.85	52.8634.84	65.18	55.18	12.3220.34	Ţ
	7567 49.20 2716 41.99		2.58 1.79	51.7834.07 43.7825.23	64.69 62.55	54.69 52.55	12.91 20.62 18.77 27.32	L L
	1918 35.81		0.66	36.4731.00	56.00	46.00	19.53 15.00	L
	940 29.53		0.36	29.8924.82	56.00	46.00	26.11 21.18	Ľ
	5200 29.40		0.46	29.8622.83	60.00	50.00	30.14 27.17	L
16 17.8	1620 22.72	14.83	0.53	23.25 15.36	60.00	50.00	36.7534.64	L

9. Antenna Requirement

Dt&C

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 is printed to the internal PCB (Refer to Internal Photo file.)

- 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

<Module 0>

Modulation	Tested Channel	Test Results (MHz)
	Lowest	0.867
<u>GFSK</u>	Middle	0.868
	Highest	0.868
	Lowest	1.167
<u>π/4DQPSK</u>	Middle	1.169
	Highest	1.168
	Lowest	1.154
<u>8DPSK</u>	Middle	1.153
	Highest	1.156

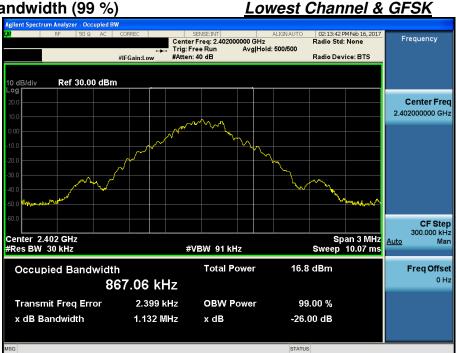
<Module 1>

Modulation	Tested Channel	Test Results (MHz)
	Lowest	0.863
<u>GFSK</u>	Middle	0.872
	Highest	0.876
	Lowest	1.154
<u>π/4DQPSK</u>	Middle	1.156
	Highest	1.154
	Lowest	1.155
<u>8DPSK</u>	Middle	1.155
	Highest	1.154



<Module 0>

Occupied Bandwidth (99 %)



Occupied Bandwidth (99 %)

Middle Channel & GFSK





Highest Channel & GFSK





Lowest Channel & π/4 DQPSK



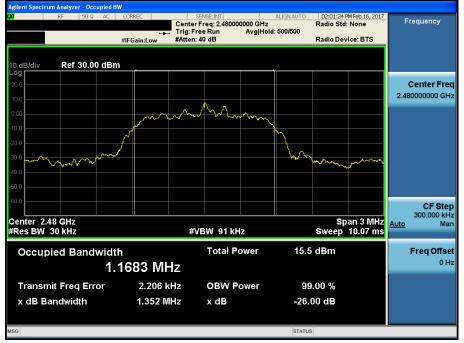
Occupied Bandwidth (99 %)

<u>Middle Channel & π/4 DQPSK</u>





Highest Channel & π/4 DQPSK









Occupied Bandwidth (99 %)

Middle Channel & 8DPSK 02:12:12 PMFeb 16, 2017 Radio Std: None SENSE:INT ALIGN AUT Center Freq: 2.441000000 GHz Trig: Free Run Avg|Hold: 500/500 #Atten: 40 dB ALIGN AUTO Frequency Radio Device: BTS #IFGain:Low Ref 30.00 dBm B/div **Center Freq** 2.441000000 GHz CF Step 300.000 kHz Center 2.441 GHz #Res BW 30 kHz Span 3 MHz Sweep 10.07 ms Auto Mar #VBW 91 kHz 17.5 dBm **Occupied Bandwidth Total Power** Freq Offset 0 Hz 1.1534 MHz Transmit Freq Error 4.010 kHz **OBW Power** 99.00 % x dB Bandwidth 1.342 MHz x dB -26.00 dB STATUS



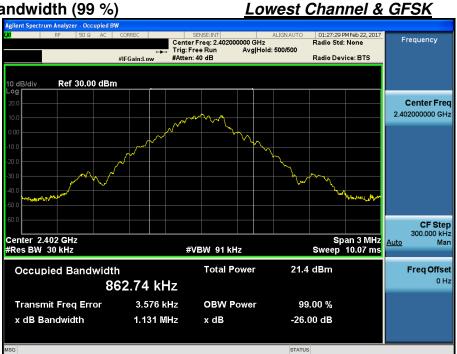
Highest Channel & 8DPSK





<Module 1>

Occupied Bandwidth (99 %)



Occupied Bandwidth (99 %)

Middle Channel & GFSK





Highest Channel & GFSK



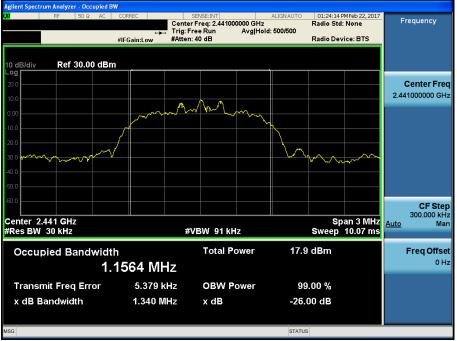


Lowest Channel & π/4 DQPSK



Occupied Bandwidth (99 %)

<u>Middle Channel & π/4 DQPSK</u>





Highest Channel & π/4 DQPSK





Lowest Channel & 8DPSK



Occupied Bandwidth (99 %)

Middle Channel & 8DPSK





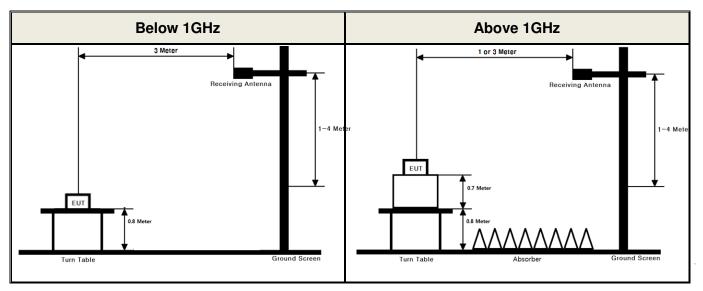
Highest Channel & 8DPSK



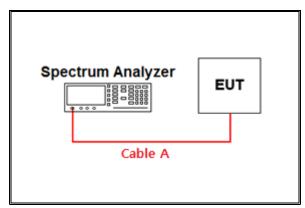
APPENDIX I

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_Module 0

GFSK & Lowest & X & Hor

Frequency TRACE 1 2 3 4 TYPE M WANA DET P P N N Avg Type: Log-Pwr PNO: Fast Trig: Free Run IFGain:Low Atten: 20 dB Auto Tune Mkr3 2.387 91 GH 49.42 dBµ 0 dB/div Ref 116.99 dBµV Center Freq 2.357500000 GHz Start Freq 2.310000000 GHz 3_2 a and a harard a salar definition of the h Stop Freq 2.405000000 GHz Stop 2.40500 GHz 1.00 ms (3001 pts) Start 2.31000 GHz #Res BW 1.0 MHz CF Step 2.48000000 GHz VBW 3.0 MHz Sweep Auto Man 95.10 dBµ∖ 47.64 dBµ∖ 49.42 dBµ∖ 2.390 00 GHz 2.387 91 GHz Freq Offset 0 H 10 11 12

GFSK & Lowest & X & Hor

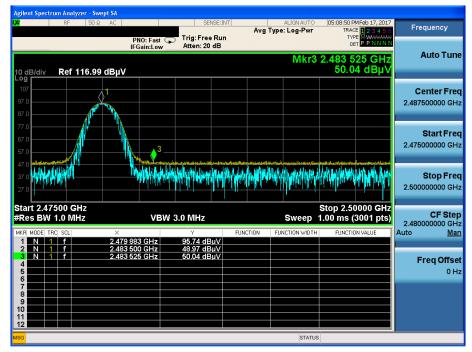
Spectrum Analyzer - Swept Si Frequency Avg Type: Log-Pw Avg|Hold: 200/200 DET P P N PNO: Fast +++ Trig: Free Run IFGain:Low Atten: 20 dB Auto Tune Mkr3 2.388 45 GH 37.007 dBµ Ref 116.99 dBµV IB/div **Center Freq** 2.357500000 GHz Start Freq 2.310000000 GHz <mark>32</mark> Stop Freq 2.405000000 GHz Start 2.31000 GHz #Res BW 1.0 MHz Stop 2.40500 GHz CF Step 2.48000000 GHz #VBW 1.0 kHz Sweep 74.2 ms (3001 pts) FUNCTION luto Mar 36.912 dBµV 37.007 dBµV Freq Offset 0 Hz STATUS

Detector Mode : AV

Pages: 146 / 173

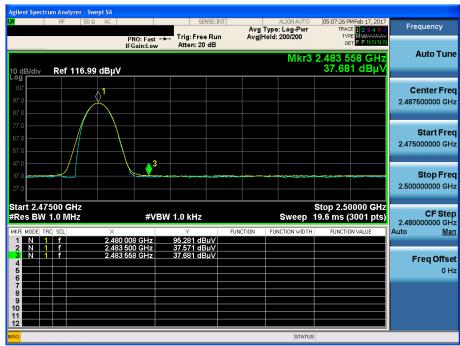


GFSK & Highest & X & Hor



Detector Mode : AV

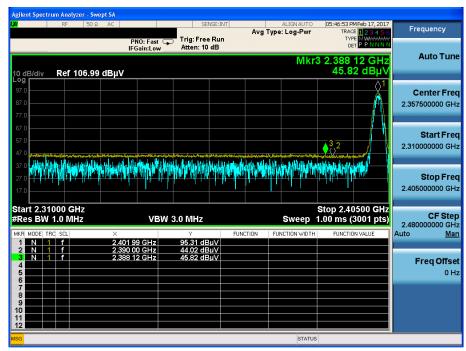
GFSK & Highest & X & Hor



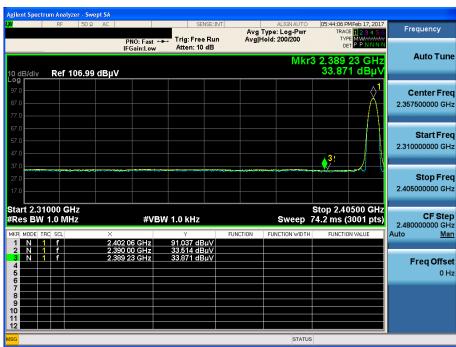


$\pi/4DQPSK$ & Lowest & X & Hor

Detector Mode : PK

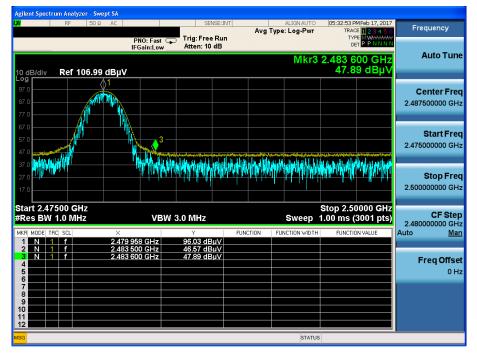


π/4DQPSK & Lowest & X & Hor

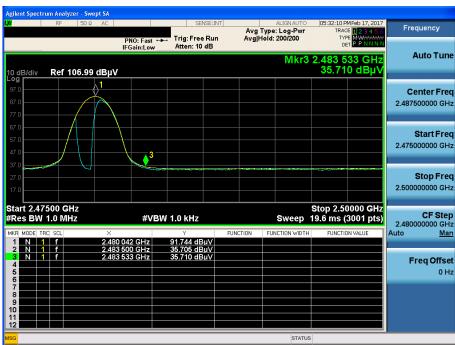




π/4DQPSK & Highest & X & Hor



π/4DQPSK & Highest & X & Hor





8DPSK & Lowest & X & Hor

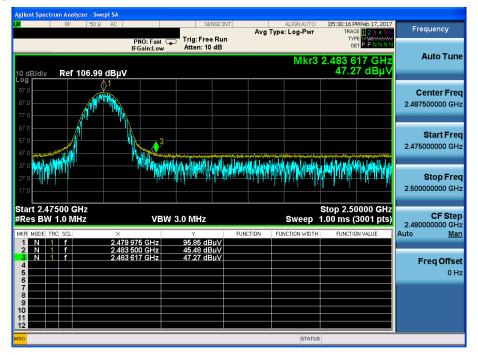
trum An Frequency Avg Type: Log-Pwr Trig: Free Run Atten: 10 dB PNO: Fast 😱 IFGain:Low Auto Tune Mkr3 2.388 95 GH 45.61 dBµ Ref 106.99 dBµV dB/div 10 c _og **Center Freq** 2.357500000 GH Start Freq 32 2.310000000 GHz ale ser in han an air feiling in tai airlean in agus de Paraian straith. Air air air an sun an san an san an sa **Stop Freq** 2.40500000 GHz Start 2.31000 GHz #Res BW 1.0 MHz Stop 2.40500 GHz Sweep 1.00 ms (3001 pts) CF Step 2.480000000 GHz uto <u>Man</u> VBW 3.0 MHz Auto 95.53 dBµ\ 43.30 dBµ\ 45.61 dBµ\ 2.390 00 GHz NN Freq Offset 0 H STATUS

8DPSK & Lowest & X & Hor

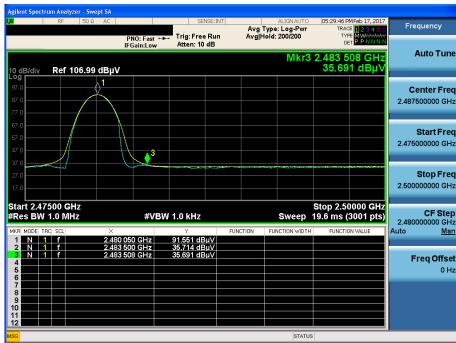
	RF 50 Ω	AC PNO: Fast	SENSE:I	Avg	ALIGNAUTO Type: Log-Pwr Hold: 200/200	TYPE	123456 MW	Frequency
		IFGain:Low				DET	PPNNNN	Auto Tu
0 dB/div	Ref 106.99	dBµV			IVIKE	3 2.388 7 33.624		
. og 97.0								Center Fr
37.0							- Á	2.357500000 0
7.0							-1	
i7.0								Start F
47.0								2.310000000
37.0						3 2	\mathcal{A}	
27.0								Stop Fi
17.0								2.405000000 0
tart 2.31					_	Stop 2.40	500 GHz	CF SI
Res BW			BW 1.0 kHz			74.2 ms (3		2.480000000
	C SCL	× 2.402 09 GHz	γ 91.209 dBμV	FUNCTION	FUNCTION WIDTH	FUNCTION	VALUE	Auto <u>N</u>
1 N 1								
1 N 1 2 N 1 3 N 1		2.390 00 GHz 2.388 77 GHz	33.503 dBµV 33.624 dBµV					Erea Off
1 N 1 2 N 1 3 N 1 4 5		2.390 00 GHz 2.388 77 GHz						
2 N 1 3 N 1 4 5 6 7		2.390 00 GHz 2.388 77 GHz						
1 N 1 2 N 1 3 N 1 4 5 6		2.390 00 GHz 2.388 77 GHz						Freq Off 0



8DPSK & Highest & X & Hor



8DPSK & Highest & X & Hor



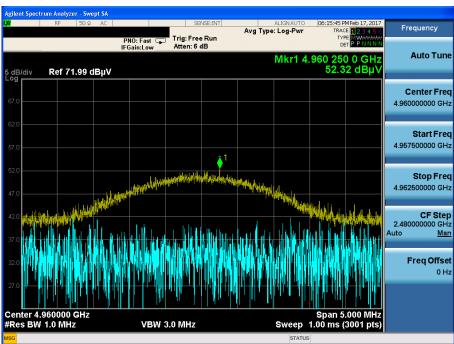


GFSK & Highest & Y & Hor



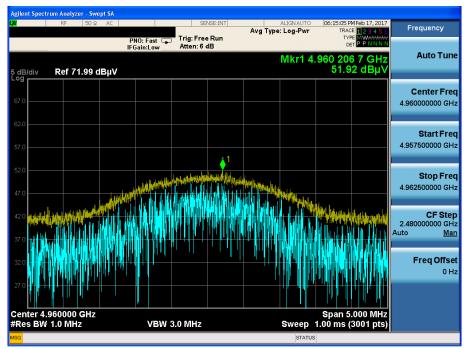
π /4DQPSK & Highest & Y & Hor

Detector Mode : PK





8DPSK & Highest & Y & Hor





GFSK & Hopping mode & X & Hor

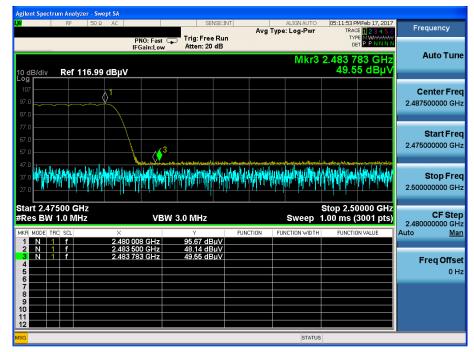
Agilent Spectrum Analyzer - Swept SA					
LX/ RF 50Ω AC	SENS	E:INT Avg Type	: Log-Pwr TRA	PMFeb 17, 2017	Frequency
	PNO: Fast 😱 Trig: Free F IFGain:Low Atten: 20 d	Run	T	YPE M WARANAN DET PPNNNN	Auto Tune
10 dB/div Ref 116.99 dBµV Log			Mkr4 2.315 53.	92 GHz 10 dBµV	Auto Tune
107 97.0 87.0				A .	Center Freq 2.357500000 GHz
77.0 67.0 57.0			2 2		Start Freq 2.310000000 GHz
47.0 37.0 441 441 441 441 441 441 441 441 27.0	w partan w what a privilation		a an		Stop Freq 2.405000000 GHz
Start 2.31000 GHz #Res BW 1.0 MHz	VBW 3.0 MHz		Stop 2.4 Sweep 1.00 ms	0500 GHz (3001 pts)	CF Step 2.48000000 GHz
MKR MODE TRC SOL X	7 02 97 GHz 96,99 dBu		NCTION WIDTH FUNCT	ION VALUE	Auto <u>Man</u>
2 N 1 f 2.39 3 N 1 f 2.38	20 00 GHz 47.45 dBu 39 34 GHz 49.48 dBu 15 92 GHz 53.10 dBu	V			Freq Offset 0 Hz
7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9					
MSG			STATUS		

GFSK & Hopping mode & X & Hor

Agilent Spectrum Analyzer - Swept SA	SENSE:IN	IT ALIGNAUTO	05:22:46 PMFeb 17, 2017	
	PNO: Fast ↔ Trig: Free Run IFGain:Low Atten: 20 dB	Avg Type: Log-Pwr	TRACE 123456 TYPE MWANNAN DET PPNNNN	Frequency
10 dB/div Ref 116.99 dBµV		Mkr	1 2.315 10 GHz 47.244 dBμV	Auto Tune
107 97.0 87.0			^%	Center Fred 2.357500000 GH;
77.0 67.0 57.0				Start Fred 2.310000000 GH
47.0 37.0 27.0		arearearearearearearearearearearearearea		Stop Fred 2.405000000 GH;
Start 2.31000 GHz #Res BW 1.0 MHz	#VBW 1.0 kHz	Sweep	Stop 2.40500 GHz 74.2 ms (3001 pts)	CF Step 2.480000000 GH:
2 N 1 f 2.39	13 04 GHz 96.666 dBμV 10 00 GHz 36.962 dBμV	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto <u>Mar</u>
4 N 1 f 2.31 5 6	19 18 GHz 37.039 dBμV 5 10 GHz 47.244 dBμV			Freq Offse 0 Ha
7 8 9 10				
		STATUS		



GFSK & Hopping mode & X & Hor

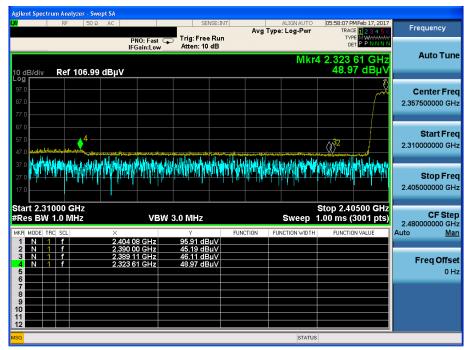


GFSK & Hopping mode & X & Hor

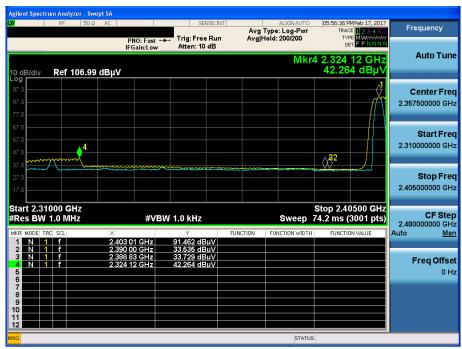




$\pi/4DQPSK$ & Hopping mode & X & Hor



π /4DQPSK & Hopping mode & X & Hor

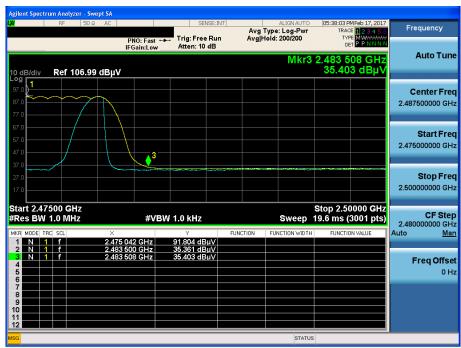




Frequency Avg Type: Log-Pwr Trig: Free Run Atten: 10 dB PNO: Fast 🧔 IFGain:Low Auto Tune Mkr3 2 .484 250 GHz 46.90 dBµ∖ Ref 106.99 dBµV I0 dB/div _og ┏___ _____1 **Center Freq** 2.487500000 GHz Start Freq 2.475000000 GHz terre and the state of the Manter Manage Males Angeles Bachata de version de la service de la service de la service de la service de la se NUL T Stop Freq 2.50000000 GHz Start 2.47500 GHz #Res BW 1.0 MHz Stop 2.50000 GHz 1.00 ms (3001 pts) **CF Step** 2.480000000 GHz Auto <u>Man</u> VBW 3.0 MHz Sweep 44.30 dB 46.90 dB NN **Freq Offset** 0 Hz 10 11 12 STATUS

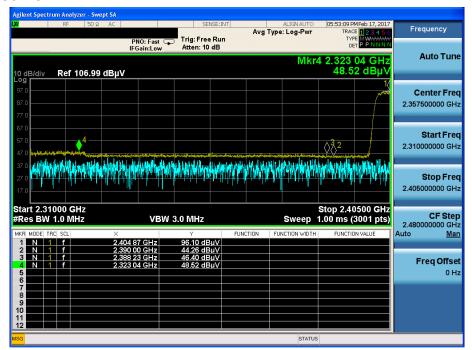
π /4DQPSK & Hopping mode & X & Hor

 π /4DQPSK & Hopping mode & X & Hor





8DPSK & Hopping mode & X & Hor



8DPSK & Hopping mode & X & Hor

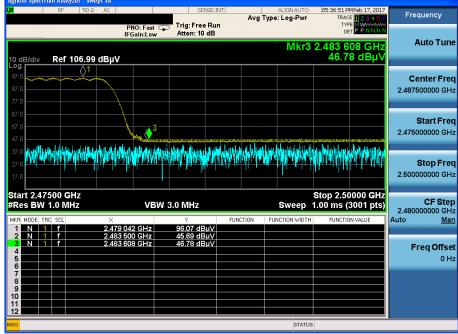




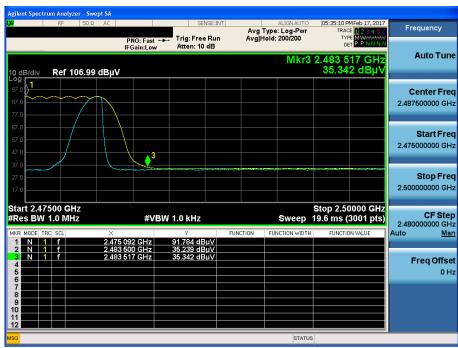
Hor

BALIGNAUTO 05:36:51 PMFeb 17, 2017 g Type: Log-Pwr TRACE 2 3 4 5 7 OFF P PWINT CIT P P PWINT CIT P P PWINT CIT P PWIN

8DPSK & Hopping mode & X & Hor



8DPSK & Hopping mode & X & Hor



Unwanted Emissions (Radiated) Test Plot_Module 1

GFSK & Lowest & X & Hor

Detector Mode : PK

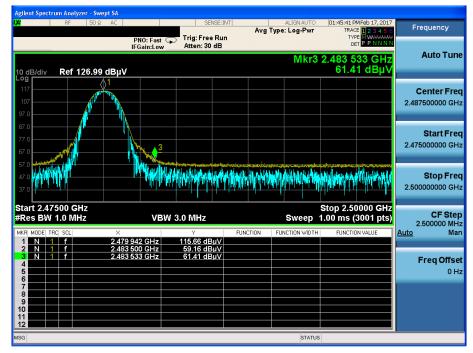
Agilent Spectrum Analyzer - Swept SA			
ιχύ RF 50 Ω AC	SENSE:INT		14 PM Feb 17, 2017 TRACE 1 2 3 4 5 6 Frequency
10 dB/div Ref 126.99 dBµV	PNO: Fast Trig: Free Run IFGain:Low Atten: 30 dB		76 34 GHz 76 34 GHz 7.76 dBµV
117 107 97.0			Center Freq 2.357500000 GHz
87.0 77.0 67.0 57.0		4 (³	Start Freq 2.310000000 GHz
47.0 10 10 10 10 10 10 10 10 10 10 10 10 10 1	ultrudis/nyudikepyuli/1974/1974/1974/1974/1974/19	nin da anna an	2.405000000 GHz
Start 2.31000 GHz #Res BW 1.0 MHz	VBW 3.0 MHz	Sweep 1.00 m	2.40500 GHz Is (3001 pts) IS (3001 pts) INCTION VALUE
2 N 1 f 2.39 3 N 1 f 2.38	22 02 GHz 111.44 dBµV 20 00 GHz 55.76 dBµV 39 34 GHz 56.90 dBµV 76 34 GHz 57.76 dBµV		Freq Offset 0 Hz
8 9 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1			
MSG		STATUS	

GFSK & Lowest & X & Hor



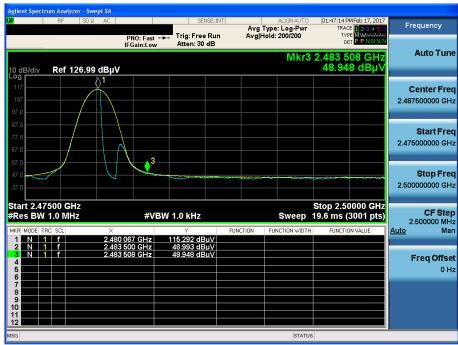


GFSK & Highest & X & Hor



Detector Mode : AV

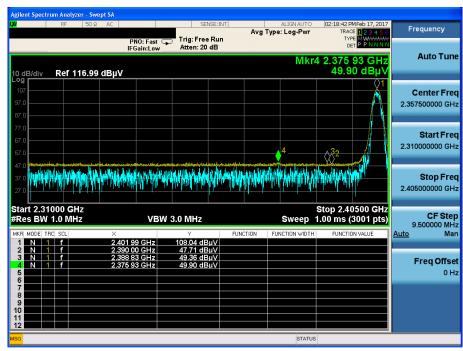
GFSK & Highest & X & Hor



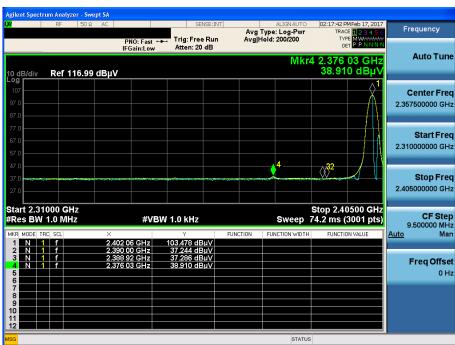


π /4DQPSK & Lowest & X & Hor



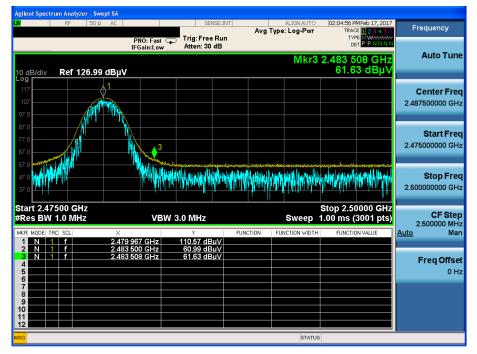


π/4DQPSK & Lowest & X & Hor

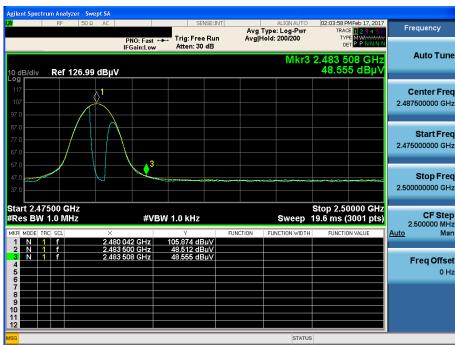




$\pi/4DQPSK$ & Highest & X & Hor



π /4DQPSK & Highest & X & Hor



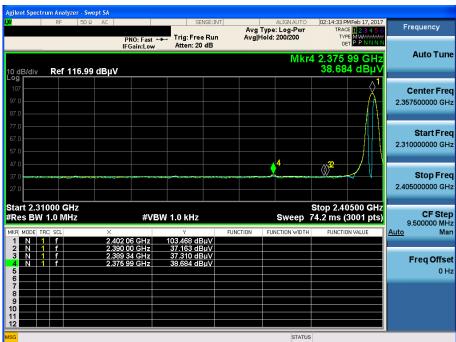


8DPSK & Lowest & X & Hor

Agilent Spectrum Analyzer - Swept SA									
LX/ RF 50Ω AC	SENSE:IN	T ALIGNAUTO Ava Type: Loa-Pwr	02:15:22 PMFeb 17, 2017 TRACE 1 2 3 4 5 6	Frequency					
	PNO: Fast Trig: Free Run IFGain:Low Atten: 20 dB		DET P P N N N N						
10 dB/div Ref 116.99 dBµV	Auto Tune								
107 97.0 87.0				Center Freq 2.357500000 GHz					
77.0		4	A ³²	Start Freq 2.310000000 GHz					
47.0 37.0 	deligibili, bader palikaj kljavita indene	and in the second state of the	NTWANKYWANY	Stop Freq 2.405000000 GHz					
Start 2.31000 GHz #Res BW 1.0 MHz	VBW 3.0 MHz		Stop 2.40500 GHz 1.00 ms (3001 pts)	CF Step 9.500000 MHz					
MKR MODE TRC SCL X	Y 01 99 GHz 108.05 dBµV	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Man					
2 N 1 f 2.39 3 N 1 f 2.39	103 95 GHz 90 00 GHz 29 05 GHz 29 05 GHz 75 80 GHz 50.71 dBµ∨ 50.71 dBµ∨			Freq Offset 0 Hz					
7 8 9 10 11 12									
MSG STATUS									

Detector Mode : AV

8DPSK & Lowest & X & Hor



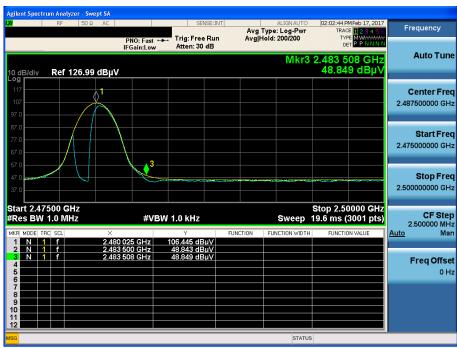


8DPSK & Highest & X & Hor

Agilent Spectrum Analyzer - Swept SA							
LXVI RF 50Ω AC		SENSE:IN	Avg T	ALIGNAUTO ype: Log-Pwr	02:03:19 PMF TRACE	eb 17, 2017	Frequency
PN0: Fast Control Atten: 30 dB Mkr3 2.483 517 GHz 10 dB/div Ref 126.99 dBµV 61.44 dBµV							Auto Tune
117 117 107 97.0							Center Freq 2.487500000 GHz
87.0 77.0 67.0 57.0	3						Start Freq 2.475000000 GHz
47.0 *********************************** 37.0	hala an	in the work in the	ni (la pala da da			antan ka	Stop Freq 2.500000000 GHz
Start 2.47500 GHz #Res BW 1.0 MHz	VBW 3.0 MHz			Stop 2.50000 GHz Sweep 1.00 ms (3001 pts)			CF Step 2.500000 MHz
	992 GHz	Y 110.60 dBµV 60.96 dBµV	FUNCTION	FUNCTION WIDTH	FUNCTION	VALUE	<u>Auto</u> Man
2 N 1 f 2.483 3 N 1 f 2.483 4 5 6 6 7 7 8 9 9 9 9 10 10 11 12 10 10 10 10 10 10 10 10 10 10 10 10 10	3 500 GHz 3 517 GHz	<u>60.96 авµv</u> 61.44 dВµV		STATUS			Freq Offset 0 Hz

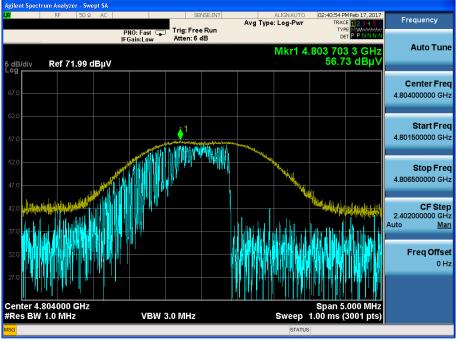
Detector Mode : AV

8DPSK & Highest & X & Hor

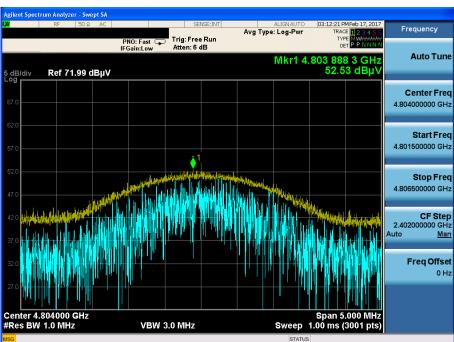




GFSK & Lowest & Z & Ver



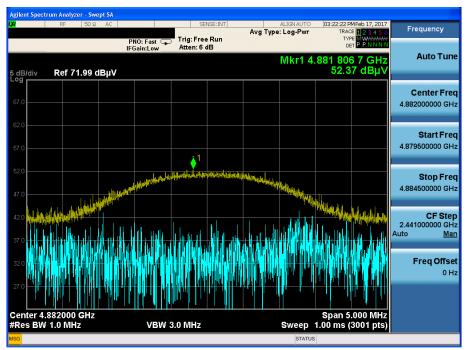
π/4DQPSK & Lowest & Z & Ver



Detector Mode : PK



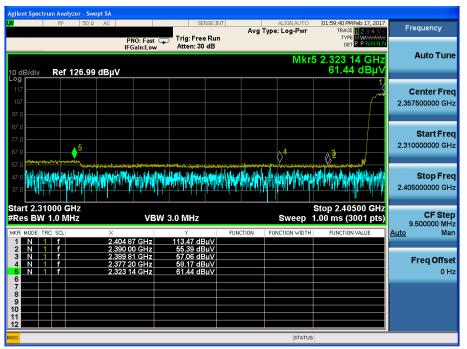
8DPSK & Middle & Z & Ver



Detector Mode : PK



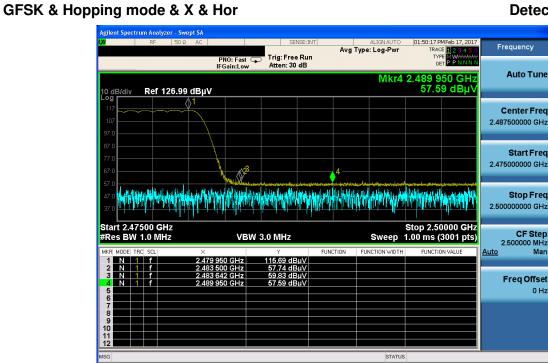
GFSK & Hopping mode & X & Hor



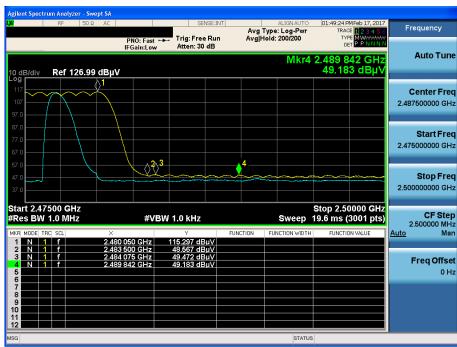
GFSK & Hopping mode & X & Hor





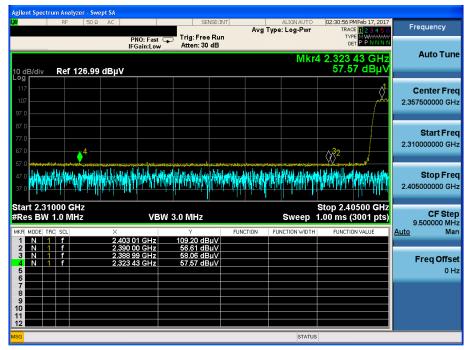


GFSK & Hopping mode & X & Hor

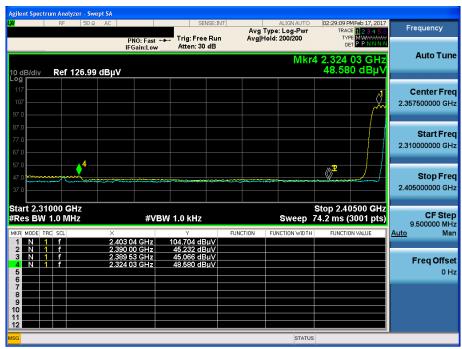




$\pi/4DQPSK$ & Hopping mode & X & Hor

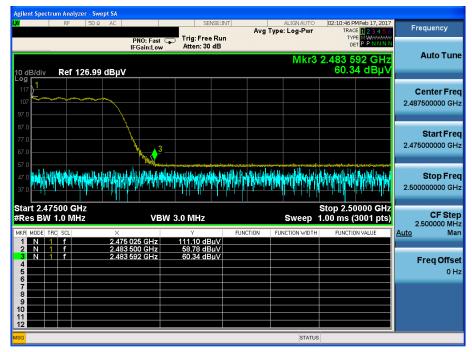


$\pi/4DQPSK$ & Hopping mode & X & Hor

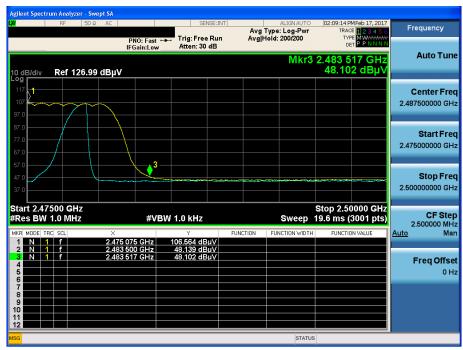




$\pi/4DQPSK$ & Hopping mode & X & Hor

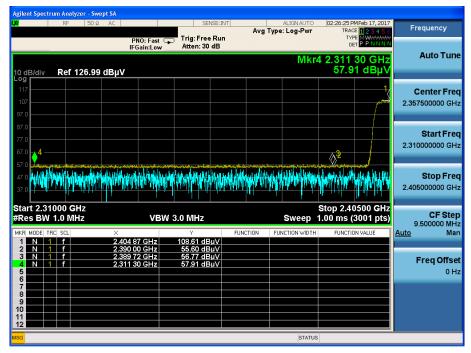


$\pi/4DQPSK$ & Hopping mode & X & Hor

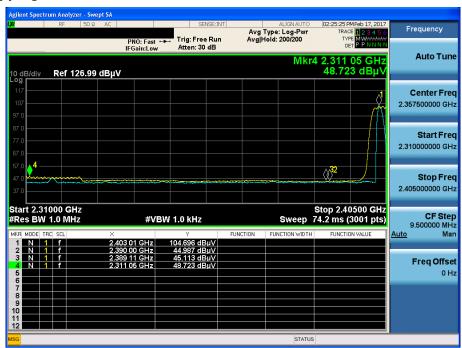




8DPSK & Hopping mode & X & Hor

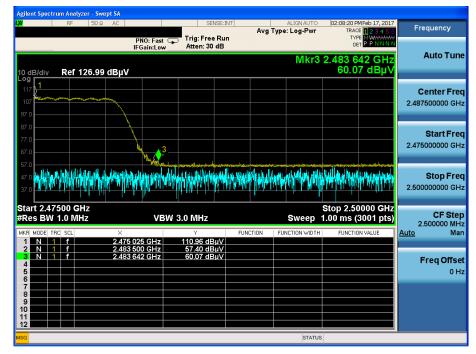


8DPSK & Hopping mode & X & Hor





8DPSK & Hopping mode & X & Hor



8DPSK & Hopping mode & X & Hor

