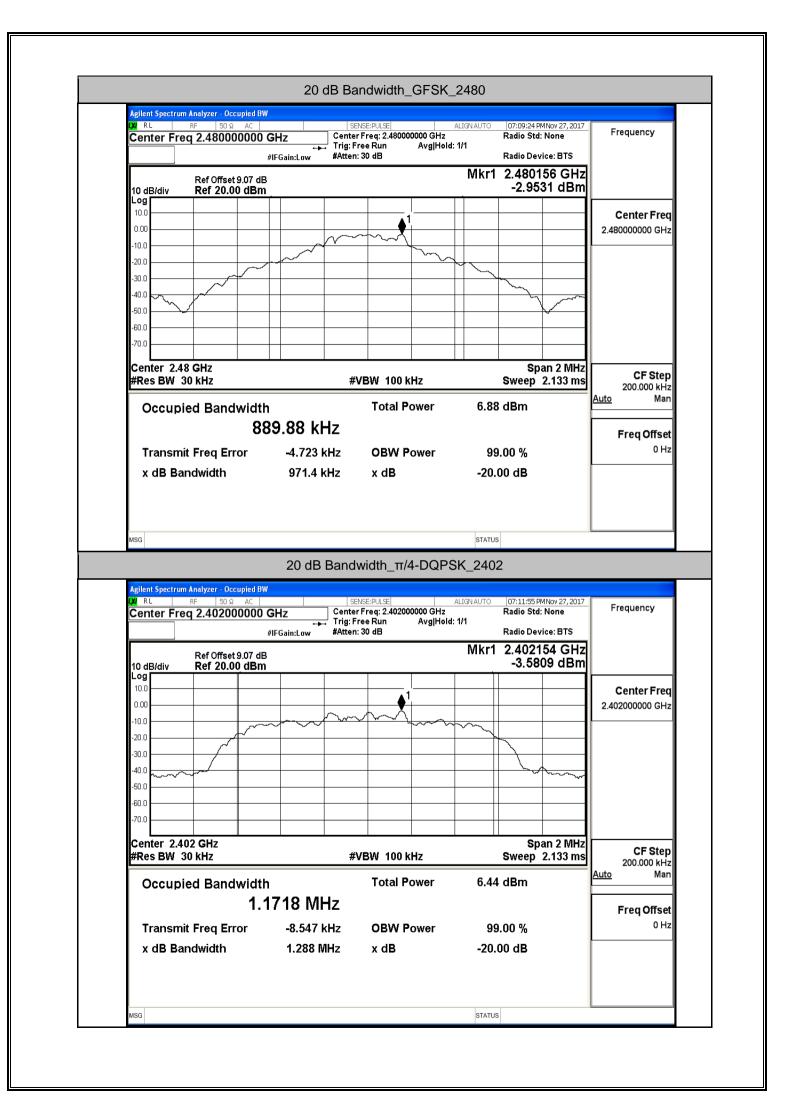
Appendix A RF Test Data for BT V4.0(BDR/EDR) (Conducted Measurement)

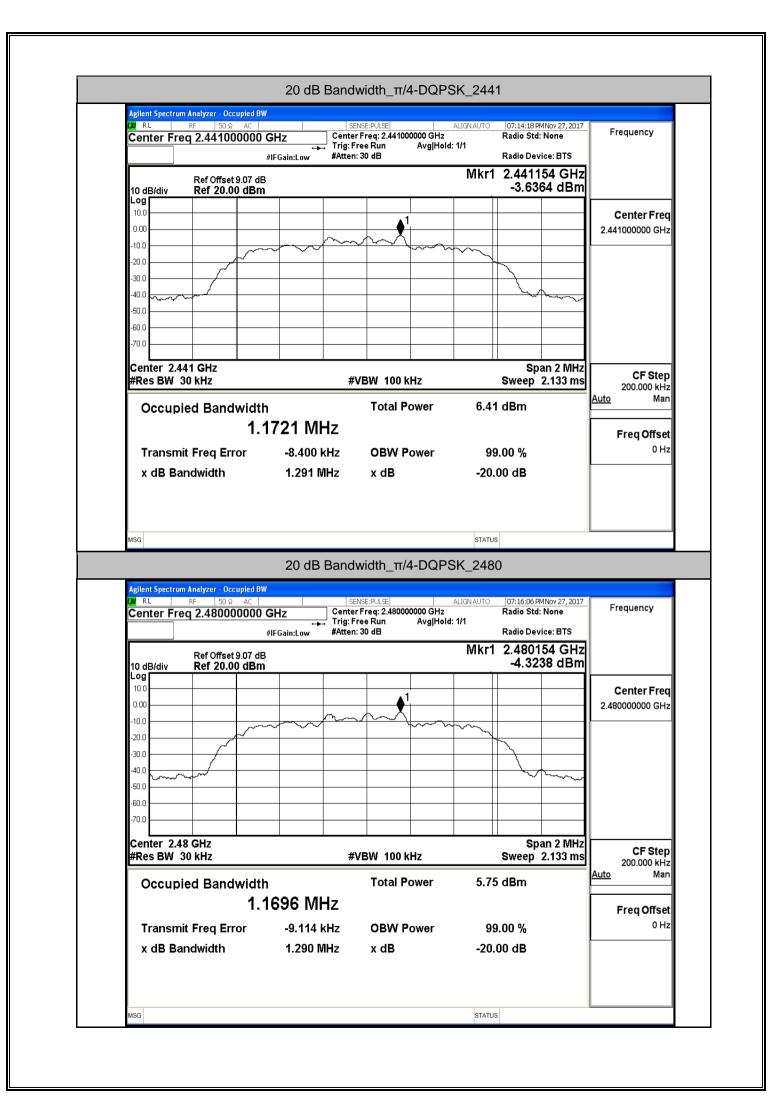
Product Name: Tablet with 3G Trade Mark: SKY DEVICES, HENA Test Model: PLATINUM VIEW FCC ID: 2ABOSPLATVIEW

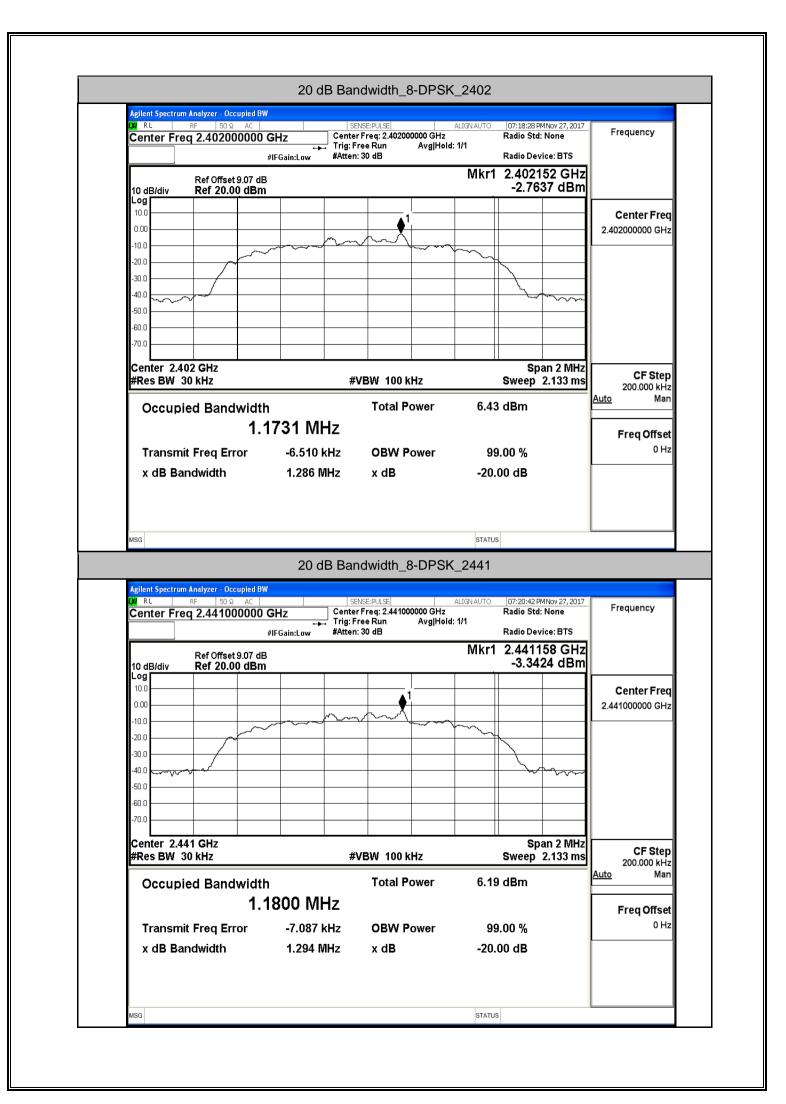
A.1 20 dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
	2402	1.023		PASS
GFSK	2441	1.032		PASS
	2480	0.9714		PASS
	2402	1.288		PASS
π/4-DQPSK	2441	1.291		PASS
	2480	1.290		PASS
	2402	1.286		PASS
8-DPSK	2441	1.294		PASS
	2480	1.289		PASS

		20 dB Ba	andwidth_GFSK	_2402		
	n Analyzer - Occupied F					
	RF 50 Ω AC		ENSE:PULSE	ALIGN AUTO	07:05:29 PMNov 27, 2017 Radio Std: None	Frequency
	.4 2.40200000	Trig:l	FreeRun Avg Hol n: 30 dB		Radio Device: BTS	
			1. 30 dB	Mkr1	2.402156 GHz	
10 dB/div	Ref Offset 9.07 d Ref 20.00 dBi				-2.1779 dBm	
Log						
10.0			1			Center Fred
-10.0		~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			2.402000000 GHz
-20.0		~~~	~~			
-30.0					~	
-40.0					han more	
-50.0	<u></u>					
-60.0						
-70.0						
Center 2.4	02 GHz				Span 2 MHz	
#Res BW		#	VBW 100 kHz		Sweep 2.133 ms	CF Step 200.000 kHz
0			Total Power	7 6 5	dBm	Auto Mar
Occupi	ed Bandwidt			7.00	GDII	
	8	91.38 kHz				Freq Offset
Transmi	it Freq Error	-4.494 kHz	OBW Power	99	0.00 %	0 Hz
x dB Ba	ndwidth	1.023 MHz	x dB	-20.	00 dB	
MSG		20 dB Ba	andwidth_GFSK	status (_2441	5	
	n Analyzer - Occupied F		andwidth_GFSK		8	
Agilent Spectrun IXI RL	<mark>n Analyzer - Occupied F</mark> RF 50 Ω AC	3W	ENSE:PULSE	_2441	07:07:49 PMNov 27, 2017	Frequency
Agilent Spectrun IXI RL		3W D GHz Cente →→→ Trig: I	ENSE:PULSE	_2441 ALIGN AUTO	07:07:49 PMNov 27, 2017 Radio Std: None	Frequency
Agilent Spectrun IXI RL	RF 50 Ω AC	3W S GHz GHz Trig:1	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PM Nov 27, 2017 Radio Std: None Radio Device: BTS	
Agilent Spectrun (X) RL Center Fre	RF 50 Ω AC 2 q 2.441000000 Ref Offset 9.07 d	ow) GHz #IFGain:Low B	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PMNov 27, 2017 Radio Std: None	
Agilent Spectrum Val RL Center Fre 10 dB/div Log	RF 50 Ω AC eq 2.441000000	ow) GHz #IFGain:Low B	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz	
Agilent Spectrum VI RL Center Free 10 dB/div Log	RF 50 Ω AC 2 q 2.441000000 Ref Offset 9.07 d	ow) GHz #IFGain:Low B	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz	Center Free
Agilent Spectrum VX RL Center Free 10 dB/div Log 10.0 0.00	RF 50 Ω AC 2 q 2.441000000 Ref Offset 9.07 d	ow) GHz #IFGain:Low B	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz	
Agilent Spectrum VI RL Center Free 10 dB/div Log	RF 50 Ω AC 2 q 2.441000000 Ref Offset 9.07 d	ow) GHz #IFGain:Low B	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz	Center Free
Agilent Spectrum VX RL Center Fre 10 dB/div Log 10.0 .000	RF 50 Ω AC 2 q 2.441000000 Ref Offset 9.07 d	ow) GHz #IFGain:Low B	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz	Center Free
Agilent Spectrum 24 RL Center Fre 10 dB/div Log 10.0 .0.0 .20.0 .30.0 .40.0 errs	Ref Offset 9.07 c Ref 2.441000000	ow) GHz #IFGain:Low B	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz	Center Free
Agilent Spectrum V RL Center Fre 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0	Ref Offset 9.07 c Ref 2.441000000	ow) GHz #IFGain:Low B	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz	Center Free
Agilent Spectrum XX RL Center Fre 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -60.0	Ref Offset 9.07 c Ref 2.441000000	ow) GHz #IFGain:Low B	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz	Center Free
Agilent Spectrum XY RL Center Fre 10 dB/div Log 10.0 .0.0 .20.0 .30.0 .40.0 .50.0	Ref Offset 9.07 c Ref 2.441000000	ow) GHz #IFGain:Low B	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz	Center Free
Agilent Spectrum 20 RL Center Free 10 dB/div Log 10.0 .0.0	RF 50 Ω AC eq 2.4410000000 Ref Offset 9.07 d Ref 20.00 dBi Ref 20.00 dBi Ref 20.00 dBi Ref 20.00 dBi AT AT AT Ref 20.00 dBi AT AT AT AT AT AT AT AT AT AT AT AT	B m b c c c c c c c c c c c c c	ENSE:PULSE Pr Freq: 2.441000000 GHz Free Run Avg Hol n: 30 dB	(_2441 align auto Id:>1/1	D7:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz -2.2876 dBm	Center Frec 2.441000000 GHz
Agilent Spectrum 20 RL Center Free 10 dB/div Log 10.0 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0	RF 50 Ω AC eq 2.4410000000 Ref Offset 9.07 d Ref 20.00 dBi Ref 20.00 dBi Ref 20.00 dBi Ref 20.00 dBi AT AT AT Ref 20.00 dBi AT AT AT AT AT AT AT AT AT AT AT AT	B m b c c c c c c c c c c c c c	ENSE:PULSE	(_2441 align auto Id:>1/1	07:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz -2.2876 dBm	Center Frec 2.441000000 GHz 2.45 CF Step 200.000 kHz
Agilent Spectrum 20 RL Center Free 10 dB/div Log 10.0 .0.0 .20.0	RF 50 Ω AC eq 2.4410000000 Ref Offset 9.07 d Ref 20.00 dBi Ref 20.00 dBi Ref 20.00 dBi Ref 20.00 dBi A1 Gate Gate Gate Gate A1 GHz Gate Gate Gate Gate	B M B M Attend B Attend	ENSE:PULSE Pr Freq: 2.441000000 GHz Free Run Avg Hol n: 30 dB	ALIGN AUTO	D7:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz -2.2876 dBm	Center Frec 2.441000000 GHz
Agilent Spectrum 20 RL Center Free 10 dB/div Log 10.0 .0.0 .20.0	RF 50 Ω AC eq 2.4410000000 Ref Offset 9.07 c Ref 20.00 dBi Ref 20.00 dBi Ref 20.00 dBi Ref 20.00 dBi AT AT AT Ref 20.00 dBi AT AT AT AT AT AT AT AT AT AH AH AT AT AT AT AT <td>BB n th</td> <td>ENSE:PULSE Pr Freq: 2.441000000 GHz Free Run Avg Hol 1: 30 dB</td> <td>ALIGN AUTO</td> <td>D7:07:49 PM Nov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz -2.2876 dBm Span 2 MHz Sweep 2.133 ms</td> <td>Center Frec 2.441000000 GHz 2.441000000 GHz 200.000 kHz 200.000 kHz Auto Mar</td>	BB n th	ENSE:PULSE Pr Freq: 2.441000000 GHz Free Run Avg Hol 1: 30 dB	ALIGN AUTO	D7:07:49 PM Nov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz -2.2876 dBm Span 2 MHz Sweep 2.133 ms	Center Frec 2.441000000 GHz 2.441000000 GHz 200.000 kHz 200.000 kHz Auto Mar
Agilent Spectrum 27 RL Center Fre 10 dB/div Log 10.0 .0.0	RF 50 Ω AC eq 2.4410000000 Ref Offset 9.07 c Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr A1 GHz GHz Ref 20.00 dBr A1 GHz GHz GHz B0 KHz KHz KHz	B n #IFGain:Low #Attel B n 4 B n 4 4 4 4 4 4 4 4 4 4 4 4 4	ENSE:PULSE er Freq: 2.441000000 GHz Free Run Avg Hol 1: 30 dB	<_2441 ALIGN AUTO Id>1/1 Mkr1	D7:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz -2.2876 dBm Span 2 MHz Sweep 2.133 ms	Center Frec 2.441000000 GHz 2.441000000 GHz CF Step 200.000 kHz Auto Mar Freq Offset
Agilent Spectrum 20 RL Center Free 10 dB/div Log 10.0 .00 .00 .00 .00 .00 .00 .0	RF 50 Ω AC eq 2.4410000000 Ref Offset 9.07 c Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr AT AT AT Ref 20.00 dBr AT AT AT AT	BB n th	ENSE:PULSE Pr Freq: 2.441000000 GHz Free Run Avg Hol 1: 30 dB	<_2441 ALIGN AUTO Id>1/1 Mkr1	D7:07:49 PM Nov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz -2.2876 dBm Span 2 MHz Sweep 2.133 ms	Center Frec 2.441000000 GHz 2.441000000 GHz 200.000 kHz 200.000 kHz Auto Mar
Agilent Spectrum 20 RL Center Free 10 dB/div Log 10.0 .00 .00 .00 .00 .00 .00 .0	RF 50 Ω AC eq 2.4410000000 Ref Offset 9.07 c Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr A1 GHz GHz Ref 20.00 dBr A1 GHz GHz GHz B0 KHz KHz KHz	B n #IFGain:Low #Attel B n 4 B n 4 4 4 4 4 4 4 4 4 4 4 4 4	ENSE:PULSE er Freq: 2.441000000 GHz Free Run Avg Hol 1: 30 dB	2441 ALIGN AUTO Id>1/1 Mkr1 	D7:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz -2.2876 dBm Span 2 MHz Sweep 2.133 ms	Center Frec 2.441000000 GHz 2.441000000 GHz CF Step 200.000 kHz Auto Mar Freq Offset
Agilent Spectrum 20 RL Center Free 10 dB/div Log 10.0 .00 .00 .00 .00 .00 .00 .0	RF 50 Ω AC eq 2.4410000000 Ref Offset 9.07 c Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr AT AT AT Ref 20.00 dBr AT AT AT AT	B n HFGain:Low HFGain:Low HAtter H B n H H S S S S S S S S S S S S S	ENSE:PULSE Pr Freq: 2.441000000 GHz Free Run Avg Hol 1:30 dB	2441 ALIGN AUTO Id>1/1 Mkr1 	D7:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz -2.2876 dBm Span 2 MHz Sweep 2.133 ms 0 dBm 0.00 %	Center Frec 2.441000000 GHz 2.441000000 GHz CF Step 200.000 kHz Auto Mar Freq Offset
Agilent Spectrum 20 RL Center Free 10 dB/div Log 10.0 .00 .00 .00 .00 .00 .00 .0	RF 50 Ω AC eq 2.4410000000 Ref Offset 9.07 c Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr AT AT AT Ref 20.00 dBr AT AT AT AT	B n HFGain:Low HFGain:Low HAtter H B n H H S S S S S S S S S S S S S	ENSE:PULSE Pr Freq: 2.441000000 GHz Free Run Avg Hol 1:30 dB	2441 ALIGN AUTO Id>1/1 Mkr1 	D7:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz -2.2876 dBm Span 2 MHz Sweep 2.133 ms 0 dBm 0.00 %	Center Frec 2.441000000 GHz 2.441000000 GHz CF Step 200.000 kHz Auto Mar Freq Offset
Agilent Spectrum 20 RL Center Free 10 dB/div Log 10.0 .00 .00 .00 .00 .00 .00 .0	RF 50 Ω AC eq 2.4410000000 Ref Offset 9.07 c Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr Ref 20.00 dBr AT AT AT Ref 20.00 dBr AT AT AT AT	B n HFGain:Low HFGain:Low HAtter H B n H H S S S S S S S S S S S S S	ENSE:PULSE Pr Freq: 2.441000000 GHz Free Run Avg Hol 1:30 dB	2441 ALIGN AUTO Id>1/1 Mkr1 	O7:07:49 PMNov 27, 2017 Radio Std: None Radio Device: BTS 2.441152 GHz -2.2876 dBm Span 2 MHz Sweep 2.133 ms 0 dBm 0.00 % 00 dB	Center Frec 2.441000000 GHz 2.441000000 GHz CF Step 200.000 kHz Auto Mar Freq Offset







Frequency	07:22:17 PM Nov 27, 2017 Radio Std: None Radio Device: BTS	Radio	00000 GHz Avg Hold	NSE:PULSE rFreq: 2.480 ree Run : 30 dB	Cente	AC 00000 GH	m Analyzer - Οсси RF 50 Ω eq 2.480000	XIRL
	2.480154 GHz -3.5535 dBm						Ref Offset 9 Ref 20.00	10 dB/div
Center Fre 2.480000000 GH			 1 					10.0 0.00
		~~~	<b>\</b>		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	_~~~		-10.0
								-30.0
	~~~~~						~~~	-40.0
								-60.0
CF Ster 200.000 kH	Span 2 MHz Sweep 2.133 ms	Swe	kHz	VBW 100	#			Center 2.4 #Res BW
Auto Ma	dBm	5.67 dBn	ower	Total		width	ied Bandv	Occup
FreqOffse					51 MHz	1.17		
0 H	00 %	99.00 %	ower	OBW	-6.077 kHz	ror	it Freq Erro	Transm
) dB	-20.00 di		x dB	1.289 MHz		andwidth	x dB Ba

A.2 Conducted Peak Output Power

Test Mode	Test Channel	Peak Conducted Output Power (dBm)	Limit[dBm]	Verdict
	2402	-2.059	30	PASS
GFSK	2441	0.331	30	PASS
	2480	-0.418	30	PASS
	2402	0.211	30	PASS
π/4-DQPSK	2441	-0.024	30	PASS
	2480	-0.586	30	PASS
	2402	0.317	30	PASS
8-DPSK	2441	0.129	30	PASS
	2480	-0.453	30	PASS

Agilent Spectr	<mark>rum Analyzer - Swa</mark> RF 50 Ω			SENSE:	PILSE		ALIGN AUTO	09:12:09 AM	4Nov 28, 2017	[
	req 2.40200	0000 GH	−IZ NO: Fast ↔	Trig: Free	Run	Avg Type Avg Hold:	: Log-Pwr	TRAC	E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency
10 dB/div	Ref Offset 9.0 Ref 20.00 c	IF 17 dB	Gain:Low	#Atten: 30	dB	М	kr1 2.40	1 965 0		Auto Tun
Log										Center Fre
10.0										2.402000000 GH
0.00					1					
										Start Fre 2.399500000 GH
-10.0										
-20.0										Stop Fre
-30.0										2.404500000 GH
-40.0										CF Ste
40.0										500.000 kH <u>Auto</u> Ma
-50.0										
-60.0										Freq Offse 0 H
-70.0										
-70.0										
Center 2.4	402000 GHz							Span 5	.000 MHz	
Center 2.4 #Res BW		Со		8.0 MHz Peak O)utput F		Sweep 1. status GFSK_2	067 ms (.000 MHz 8001 pts)	
#Res BW MSG Agilent Spectr		ept SA AC	nducted	Peak O	PULSE	Power_(Avg Type	STATUS GFSK_2 ALIGN AUTO : Log-Pwr	067 ms (441 07:08:22 PM TRAC	1Nov 27, 2017 E 1 2 3 4 5 6	Frequency
#Res BW MSG Agilent Spectr (# RL Center F	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF 17 dB	nducted	Peak O	PULSE	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency
#Res BW MSG Agilent Spectr	3.0 MHz	ept SA AC 00000 GH P IF 17 dB	nducted Iz N0: Fast ↔	Peak O	PULSE	Power_C Avg Type Avg Hold:	STATUS GFSK_2 ALIGN AUTO : Log-Pwr	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency
#Res BW MSG Agilent Spectri (M RL Center F 10 dB/div	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE Run dB	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency
#Res BW MSG Agilent Spectr VI RL Center F 10 dB/div Log	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency Auto Tun Center Free
#Res BW MSG Agilent Spectr M RL Center F 10 dB/div Log	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE Run dB	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Auto Tun Center Fre 2.44100000 GH
#Res BW MSG Agilent Spectr VI RL Center F 10 dB/div Log	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE Run dB	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Auto Tun Center Fre 2.441000000 GH
#Res BW MSG Agilent Spectr XI RL Center F 10 dB/div Log 10.0 0.00	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE Run dB	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency Auto Tun Center Fre 2.441000000 GH Start Fre 2.438500000 GH
#Res BW Msg Agilent Spectronic Spectrope Spectrope Spectronic Spectronic Spectronic Spectrope Spectroni	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE Run dB	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency Auto Tun Center Fre 2.44100000 GH Start Fre 2.438500000 GH Stop Fre
#Res BW Agilent Spectr Agilent Spectr Canter F Conter F 10.0 .0.00 .10.0	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE Run dB	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency Auto Tun Center Fre 2.44100000 GH Start Fre 2.438500000 GH Stop Fre 2.443500000 GH
#Res BW MSG	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE Run dB	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency Auto Tun Center Fre 2.441000000 GH Start Fre 2.438500000 GH Stop Fre 2.443500000 GH CF Ste 500.000 kH
#Res BW Msg Agilent Spectr XI RL Center F 10.0 10.0 -10.0 -20.0 -30.0	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE Run dB	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency Auto Tun Center Fre 2.441000000 GH Start Fre 2.438500000 GH Stop Fre 2.443500000 GH CF Ste 500.000 kH
Agilent Spectry MSG Image: Context Spectry MSG Image: Context Spectry Image: Context Spectry	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE Run dB	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency Auto Tun Center Fre 2.441000000 GH Start Fre 2.438500000 GH Stop Fre 2.443500000 GH CF Ste 500.000 kH Auto Ma
Agilent Spectric Agilent Spectric Center F 10.0 10.0 -10.0 -20.0 -30.0 -40.0 -60.0	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE Run dB	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	- Frequency Auto Tun Center Fre 2.441000000 GH Start Fre 2.438500000 GH Stop Fre 2.443500000 GH CF Stej 500.000 кH
Agilent Spectrix X RL Center F 10 dB/div - Conter F - 10.0 - -10.0 - -20.0 - -30.0 - -40.0 -	3.0 MHz um Analyzer - Swe ℝF 50 Ω req 2.44100 Ref Offset 9.0	ept SA AC 00000 GH P IF IF	nducted Iz N0: Fast ↔	Peak O	PULSE Run dB	Power_C Avg Type Avg Hold:	STATUS GFSK_2 align auto : Log-Pwr 10/10	067 ms (441 07:08:22 PM TRAC TYF DE	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW T P P P P P P	Frequency Auto Tun Center Fre 2.441000000 GH Start Fre 2.438500000 GH Stop Fre 2.443500000 GH CF Ste 500.000 kH Auto Ma

Agilent Sp	ectrum	Analyzer - Sw	ept SA					_			
LXI RL		RF 50 ຊ q 2.4800	AC 00000 GI	Hz PNO: Fast ↔	Trig: Free			ALIGN AUTO :: Log-Pwr 10/10	TRAC	4Nov 27, 2017 2E 1 2 3 4 5 6 2E MWWWWW ET P P P P P P	Frequency
10 dB/di		Ref Offset 9. Ref 20.00	07 dB	Gain:Low	#Atten: 30) dB	М	kr1 2.47	9 882 5		Auto Tun
Log											Center Fre
10.0 —					<u>م</u> 1						2.480000000 GH
0.00					•		+				Start Free
-10.0											2.477500000 GH
-20.0 —											Stop Free
-30.0											2.482500000 GH
-40.0 —											CF Step
-50.0											500.000 kH <u>Auto</u> Mar
											Freq Offse
-60.0											0 H:
-70.0 —											
Contor											
#Res E		0000 GHz 0 MHz		#VBW	/ 8.0 MHz			Sweep 1.	Span 5 067 ms (.000 MHz 8001 pts)	
								STATUS	067 ms (8001 pts)	
#Res E	3W 3.(0 MHz	Condi					-	067 ms (8001 pts)	
#Res E MSG Agilent Sp (X) RL	BW 3.0	OMHz Analyzer - Sw RF 50 ឆ	Condi	ucted Pe	eak Out		wer_π/4	STATUS	067 ms (<_2402	8001 pts)	Frequency
#Res E MSG Agilent Sp (X) RL	BW 3.0	0 MHz Analyzer - Sw	Condu ept SA AC 00000 Gi F	ucted Pe	eak Out	put Pov ::PULSE	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO :: Log-Pwr 10/10	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 E MWWWW TT P P P P P	
#Res E MSG Agilent Sp (X) RL Center	BW 3.0	OMHz Analyzer - Sw RF 50 ឆ	Condu ept SA AC D00000 GI IF UF 07 dB	ucted Pe Hz N0: Fast ↔	eak Out	put Pov ::PULSE	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO 2: Log-Pwr	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 空所WWWWW TFP P P P P P	
#Res E MSG Agilent Sp W R L Center	BW 3.0	0 MHz Analyzer - Sw ℝF 50 Ω q 2.40200 Ref Offset 9.1	Condu ept SA AC D00000 GI IF UF 07 dB	ucted Pe Hz N0: Fast ↔	eak Out	put Pov ::PULSE	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO :: Log-Pwr 10/10	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 空所WWWWW TFP P P P P P	Auto Tuno Center Fred
Agilent Sp MSG Agilent Sp VX R L Center 10 dB/dl 10.0	BW 3.0	0 MHz Analyzer - Sw ℝF 50 Ω q 2.40200 Ref Offset 9.1	Condu ept SA AC D00000 GI IF UF 07 dB	ucted Pe Hz N0: Fast ↔	eak Out	put Pov ::PULSE	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO :: Log-Pwr 10/10	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 空所WWWWW TFP P P P P P	Auto Tune
#Res E MSG Agilent Sp W R L Center	BW 3.0	0 MHz Analyzer - Sw ℝF 50 Ω q 2.40200 Ref Offset 9.1	Condu ept SA AC D00000 GI IF UF 07 dB	ucted Pe Hz N0: Fast ↔	eak Out	put Pov ervuse e Run d B	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO :: Log-Pwr 10/10	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 空所WWWWW TFP P P P P P	Auto Tune Center Free 2.40200000 GH Start Free
Agilent Sp MSG Agilent Sp VX R L Center 10 dB/dl 10.0	BW 3.0	0 MHz Analyzer - Sw ℝF 50 Ω q 2.40200 Ref Offset 9.1	Condu ept SA AC D00000 GI IF UF 07 dB	ucted Pe Hz N0: Fast ↔	eak Out	put Pov ervuse e Run d B	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO :: Log-Pwr 10/10	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 空所WWWWW TFP P P P P P	Auto Tune Center Free 2.40200000 GH
Agilent Sp X RL Center 10 dB/dl 0.00	BW 3.0	0 MHz Analyzer - Sw ℝF 50 Ω q 2.40200 Ref Offset 9.1	Condu ept SA AC D00000 GI IF UF 07 dB	ucted Pe Hz N0: Fast ↔	eak Out	put Pov ervuse e Run d B	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO :: Log-Pwr 10/10	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 空所WWWWW TFP P P P P P	Auto Tune Center Free 2.40200000 GH Start Free 2.399500000 GH Stop Free
Agilent Sp XX RL Center 10 dB/di Log - 10.0 - .10.0 -	BW 3.0	0 MHz Analyzer - Sw ℝF 50 Ω q 2.40200 Ref Offset 9.1	Condu ept SA AC D00000 GI IF UF 07 dB	ucted Pe Hz N0: Fast ↔	eak Out	put Pov ervuse e Run d B	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO :: Log-Pwr 10/10	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 空所WWWWW TFP P P P P P	Auto Tune Center Free 2.402000000 GH Start Free 2.399500000 GH
Agilent Sp (X) RL Center 10 dB/di -0.00 -10.0 -20.0	BW 3.0	0 MHz Analyzer - Sw ℝF 50 Ω q 2.40200 Ref Offset 9.1	Condu ept SA AC D00000 GI IF UF 07 dB	ucted Pe Hz N0: Fast ↔	eak Out	put Pov ervuse e Run d B	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO :: Log-Pwr 10/10	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 空所WWWWW TT P P P P P	Auto Tune Center Free 2.402000000 GH: 2.399500000 GH: 2.399500000 GH: 2.404500000 GH: CF Step
Agilent Sp MSG Agilent Sp Q1 R L Center 10.0 dB/dl 10.0 - 0.00 - -10.0 - -20.0 - -30.0 -	BW 3.0	0 MHz Analyzer - Sw ℝF 50 Ω q 2.40200 Ref Offset 9.1	Condu ept SA AC D00000 GI IF UF 07 dB	ucted Pe Hz N0: Fast ↔	eak Out	put Pov ervuse e Run d B	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO :: Log-Pwr 10/10	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 空所WWWWW TT P P P P P	Auto Tune Center Free 2.402000000 GH: 2.399500000 GH: 2.399500000 GH: 2.404500000 GH: CF Step 500.000 kH:
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Agilent Sp MSG Agilent Sp Q RL Center 10.0 .0.00 .10.0 .20.0 .30.0 .40.0 .60.0	BW 3.0	0 MHz Analyzer - Sw ℝF 50 Ω q 2.40200 Ref Offset 9.1	Condu ept SA AC D00000 GI IF UF 07 dB	ucted Pe Hz N0: Fast ↔	eak Out	put Pov ervuse e Run d B	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO :: Log-Pwr 10/10	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 空所WWWWW TT P P P P P	Auto Tune Center Free 2.402000000 GH: 2.399500000 GH: 2.399500000 GH: 2.404500000 GH: CF Step 500.000 kH:
Agilent Sp XX RL Center 10 dB/dl 0.00 -10.0 -20.0 -30.0 -40.0	BW 3.0	0 MHz Analyzer - Sw ℝF 50 Ω q 2.40200 Ref Offset 9.1	Condu ept SA AC D00000 GI IF UF 07 dB	ucted Pe Hz N0: Fast ↔	eak Out	put Pov ervuse e Run d B	wer_π/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO :: Log-Pwr 10/10	067 ms (<_2402 07:12:28 Pf TRAC TYI D	MNov 27, 2017 注目23456 空所WWWWW TT P P P P P	Auto Tune Center Free 2.402000000 GH Start Free 2.399500000 GH Stop Free 2.404500000 GH CF Step 500.000 kH Auto Mar Free Offse

123456 Frequenc	07:19:01 PM Nov 27, 2017 TRACE 1 2 3 4 5 6	Type: Log-Pwr	SENSE:PULSE	SHz	nalyzer - Swept SA = 50 Ω AC 2.402000000 (XI RL
5 GHz Auto 1	TYPE DET P P P P P P 2 041 875 GHz 0.317 dBm	Mkr1 2.402	rig: Free Run Atten: 30 dB	PNO: Fast 🔸	f Offset 9.07 dB f 20.00 dBm	(div	10 dB
Center					20.00 4811		
2.40200000			1				10.0
2.399500000							0.00 - -10.0 -
							-20.0
CF							-30.0 -
500.000 <u>Auto</u>							-50.0
Freq O							-60.0
							-70.0
00 MHz 001 pts)	Span 5.000 MHz 067 ms (8001 pts) 2441	Sweep 1.0 status r_8-DPSK_2		#VBW		er 2.4 BW 3	
001 pts)	067 ms (8001 pts) 2441 07:21:15 PMNov 27, 2017 TRACE [1 2 3 4 5 6	status r_8-DPSK_2	ak Output P sense:pulse	nducted F	MHz	BW 3	#Res MSG Agilent XI R L
001 pts) 0027,2017 1 2 3 4 5 6 ИЧЖИЖЖЖ > Р Р Р Р Р	067 ms (8001 pts) 2441 07:21:15 PMNov 27, 2017	STATUS Ir_8-DPSK_2 ALIGN AUTO 3 Type: Log-Pwr Hold: 10/10	ak Output P	nducted F	MHz Cc nalyzer - Swept SA = 50 Ω AC	BW 3	#Res MSG Agilent X/ RL Cent
001 pts) 0027,2017 1 2 3 4 5 6 ИЧЖИЖЖЖ > Р Р Р Р Р	067 ms (8001 pts) 2441 07:21:15 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P	STATUS Ir_8-DPSK_2 ALIGN AUTO 3 Type: Log-Pwr Hold: 10/10	ak Output P	nducted F	MHz Cc alyzer - Swept SA = 50 Ω AC 2.441000000 (f Offset 9.07 dB	BW 3	#Res MSG Agilent XI R L
001 pts) 001 pts) 123456 4000000000000000000000000000000000000	067 ms (8001 pts) 2441 07:21:15 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P	STATUS Ir_8-DPSK_2 ALIGN AUTO 3 Type: Log-Pwr Hold: 10/10	ak Output P sense:pulse	nducted F	MHz Cc alyzer - Swept SA = 50 Ω AC 2.441000000 (f Offset 9.07 dB	BW 3	#Res MSG Agilent XI RL Cent
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001 pts) 0027,2017 123456 WWWWWY 0 GHz 0 dBm Center 2.441000000 Start	067 ms (8001 pts) 2441 07:21:15 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P	STATUS Ir_8-DPSK_2 ALIGN AUTO 3 Type: Log-Pwr Hold: 10/10	ak Output P	nducted F	MHz Cc alyzer - Swept SA = 50 Ω AC 2.441000000 (f Offset 9.07 dB	BW 3	#Res Agilent X RL Cent 10.0 -10.0 -20.0
001 pts) 0x27,2017 123456 Frequence 0GHz 0GHz 0dBm 2.441000000 Start 1 2.438500000 Start 1 2.443500000 Stop 1 2.443500000 Center 1 2.4438500000 Center 1 Center 1 2.4438500000 Center 1 Center 1 C	067 ms (8001 pts) 2441 07:21:15 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P	STATUS Ir_8-DPSK_2 ALIGN AUTO 3 Type: Log-Pwr Hold: 10/10	ak Output P	nducted F	MHz Cc alyzer - Swept SA = 50 Ω AC 2.441000000 (f Offset 9.07 dB	BW 3	Agilent MSG Agilent X RL Cent 10.0 - .10.0 - .20.0 - .30.0 -
001 pts) 0x 27, 2017 12 3 4 5 6 VWWWWW 0 GHz 0 dBm Center 2.441000000 Start I 2.438500000 Stop I 2.443500000	067 ms (8001 pts) 2441 07:21:15 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P	STATUS Ir_8-DPSK_2 ALIGN AUTO 3 Type: Log-Pwr Hold: 10/10	ak Output P	nducted F	MHz Cc alyzer - Swept SA = 50 Ω AC 2.441000000 (f Offset 9.07 dB	BW 3	#Res Agilent X RL Cent 10.0 -10.0 -20.0
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Frequency	17:22:49 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWWWW DET P P P P P P	ALIGNAUTO 0 e: Log-Pwr 1: 10/10	rig: Free Ru	Hz PNO: Fast ↔→	RF 50 Ω AC req 2.480000000 (Center F
Auto Tu	985 000 GHz -0.453 dBm	1kr1 2.479		IF Gallit, LUW	Ref Offset 9.07 dB Ref 20.00 dBm	10 dB/div
Center Fr 2.48000000 G						- og 10.0
Start Fro 2.477500000 G		******	 + '			0.00
Stop Fre						-10.0
2.482500000 G						30.0
CF Ste 500.000 ki <u>Auto</u> Mi						-40.0
Freq Offs						-50.0
0						-60.0

A.3 Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
	2402	1.158	0.68	PASS
GFSK	2441	1.148	0.69	PASS
	2480	1.028	0.65	PASS
	2402	0.958	0.86	PASS
π/4-DQPSK	2441	1.092	0.86	PASS
	2480	1.314	0.86	PASS
	2402	1.29	0.86	PASS
8-DPSK	2441	1.212	0.86	PASS
	2480	0.86	0.86	PASS

Center F	RF 50 Ω Freq 2.40250		: :Wide ↔►]	e:PULSE		ALIGNAUTO e: Log-Pwr : 10/10	TRA TY	MNov 27, 2017 CE 1 2 3 4 5 6 /PE MWWWWW	Frequency
	Ref Offset 9.0	IFGai 7 dB	in:Low	#Atten: 3				1.158	00 MHz	Auto Tur
10 dB/div Log 10.0	Ref 20.00 d	Bm								Center Fre
0.00	my top the second	~~% 2 ~~~~	WWWW -			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Wmn		2.402500000 GH
-30.0	100 100 10 10 10 10 10 10 10 10 10 10 10			Mar Marker	www.				Mary Mary	Start Fre 2.401500000 G⊦
-40.0 -50.0 -60.0										Stop Fre 2.403500000 G⊦
Start 2.4	01500 GHz / 100 kHz		#VBW	/ 300 kHz					3500 GHz (8001 pts)	CF Ste 200.000 k⊦
MKR MODE	f (Δ)	× 1.158 00 I	MHz (Δ)	Y -0.167	dB	CTION FUI	NCTION WIDTH	FUNCTI	ON VALUE	<u>Auto</u> Ma
2 F 3 4 5 6	f2	.401 985 75 (-0.501 dl	3m					Freq Offse 0 ⊦
7 8 9										
10										
11									~	
MSG							STATUS			
MSG			ier Fre	equency	/ Separa	ation_C	status SFSK_24			
Agilent Spect	trum Analyzer - Swe RF 50 Ω Freq 2.44150	pt SA AC		SENS	E:PULSE	#Avg Typ	SFSK_24	141 07:25:43 P TRA	MNov 27, 2017 CE 1 2 3 4 5 6	Frequency
Agilent Spect		pt SA AC 0000 GHz PNO:		SENS	E:PULSE		ALIGN AUTO e: RMS : 10/10	07:25:43 P TRA TY C	MNov 27, 2017 ^{CE} ∐ 2 3 4 5 6 ре М WWWWW ет Р Р Р Р Р Р	
Agilent Spect WI RL Center F	RF 50 Ω	pt SA AC OOOO GHZ PNO: IFGai 7 dB	: Wide ↔►	SENS	E:PULSE	#Avg Typ	ALIGN AUTO e: RMS : 10/10	141 07:25:43 P TRA TY C Ikr1 1.1	MNov 27, 2017 CE 1 2 3 4 5 6	Frequency Auto Tun
Agilent Spect XX RL Center F 10 dB/div Log 10.0	RF 50 2 Freq 2.44150 Ref Offset 9.0 Ref 20.00 c	pt SA AC OOOO GHZ PNO: IFGai 7 dB	z : Wide ↔ in:Low	Trig: Free #Atten: 30	e Run 0 dB	#Avg Typ Avg Hold	ALIGNAUTO ALIGNAUTO DE: RMS : 10/10 AN AN 1Δ2	1441 07:25:43 F TRA TY C Ikr1 1.1 -0	MNov 27, 2017 ^{CE} 1 2 3 4 5 6 PE MWWWWW ET P P P P P 48 MHz .368 dB	Auto Tun Center Fre
Agilent Spect	RF 50 Ω Freq 2.44150 Ref Offset 9.0 Ref 20.00 c	pt SA AC D0000 GHz PNO IFGai 7 dB IBM	z : Wide ↔ in:Low	Trig: Free #Atten: 30	E:PULSE	#Avg Typ Avg Hold	ALIGNAUTO ALIGNAUTO DE: RMS : 10/10 AN AN 1Δ2	1441 07:25:43 F TRA TY C Ikr1 1.1 -0	MNov 27, 2017 CE 1 2 3 4 5 6 PE MWWWW ET P P P P P P 48 MHz	Auto Tun Center Fre
Agilent Spect (X) RL Center F 10 dB/div Log 10.0 -10.0 -20.0 -40.0 -40.0 -50.0	RF 50 2 Freq 2.44150 Ref Offset 9.0 Ref 20.00 c	pt SA AC D0000 GHz PNO IFGai 7 dB IBM	z : Wide ↔ in:Low	Trig: Free #Atten: 30	e Run 0 dB	#Avg Typ Avg Hold	ALIGNAUTO ALIGNAUTO DE: RMS : 10/10 AN AN 1Δ2	1441 07:25:43 F TRA TY C Ikr1 1.1 -0	MNov 27, 2017 ^{CE} 1 2 3 4 5 6 PE MWWWWW ET P P P P P 48 MHz .368 dB	Auto Tun Center Fre 2.441500000 G⊢ Start Fre
Agilent Spect XX RL Center F 10.0 10.0 -10.0 -20.0 -30.0 -40.0	RF 50 2 Freq 2.44150 Ref Offset 9.0 Ref 20.00 c	pt SA AC D0000 GHz PNO IFGai 7 dB IBM	z : Wide ↔ in:Low	Trig: Free #Atten: 30	e Run 0 dB	#Avg Typ Avg Hold	ALIGNAUTO ALIGNAUTO DE: RMS : 10/10 AN AN 1Δ2	1441 07:25:43 F TRA TY C Ikr1 1.1 -0	MNov 27, 2017 ^{CE} 1 2 3 4 5 6 PE MWWWWW ET P P P P P 48 MHz .368 dB	Auto Tun Center Fre 2.441500000 GH Start Fre 2.440500000 GH
Agilent Spect (X) RL Center F 10 dB/div Center F 10.0 -10.0 -10.0 -20.0 -10.0 -20.0 -40.0 -20.0 -40.0 -50.0	Ref Offset 9.0 Ref 2.44150 Ref 20.00 c	pt 5A AC 0000 GHz PNO: IFGal 7 dB Bm 	2 :: Wide → in:Low	SENSI	E:PULSE	#Avg Typ Avg Hold	ALIGN AUTO DE: RMS : 10/10 ΔΙV 1Δ2 1Δ2 Sweep 1	141 107:25:43 F TRA TRA TRA TRA TRA TRA TRA TRA	MNov 27, 2017 CE 1 2 3 4 5 6 M WWWW ET P P P P P P 48 MHz .368 dB	Auto Tur Center Fre 2.441500000 GF 2.440500000 GF 2.440500000 GF 2.442500000 GF CF Ste 200.000 kF
Agilent Spect (X) RL Center F 10 dB/div Center F 10.0 -10.0 -10.0 -20.0 -10.0 -30.0 -30.0 -40.0 -30.0 -40.0 -50.0 -40.0 -50.0 -40.0 -50.0 -70.0	Ref Offset 9.0 Ref 2.44150 Ref 20.00 c	pt 5A AC 0000 GHz PNO: IFGal 7 dB Bm 	2 : Wide → in:Low ?\\\\ *\\BW	SENSI	E:PULSE	#Avg Typ Avg Hold	ALIGN AUTO •e: RMS : 10/10 ΔΙΔ 1Δ2 	141 107:25:43 F TRA TRA TRA TRA TRA TRA TRA TRA	MNov 27, 2017 CE [] 2 3 4 5 6 P P P P P P 48 MHz .368 dB 	Auto Tun Center Fre 2.441500000 GH 2.440500000 GH 2.440500000 GH 2.442500000 GH 200.000 kH Auto Ma Freq Offse
Agilent Spect (X) RL Center F 10 dB/div Log 10.0 -10.0 -10.0 -20.0 -20.0 -20.0 -30.0 -30.0 -30.0 -40.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -50.0 -20.0	RF 50 Ω Freq 2.44150 Ref Offset 9.0 Ref 20.00 c	pt SA AC 0000 GHz PNO: IFGa 7 dB BM 0 0 0 0 0 0 0 0 0 0 0 0 0	2 : Wide → in:Low ?\\\\ *\\BW	SENSI Trig: Fre- #Atten: 3	E:PULSE	#Avg Typ Avg Hold	ALIGN AUTO DE: RMS : 10/10 ΔΙV 1Δ2 1Δ2 Sweep 1	141 107:25:43 F TRA TRA TRA TRA TRA TRA TRA TRA	MNov 27, 2017 CE 1 2 3 4 5 6 M WWWW ET P P P P P P 48 MHz .368 dB	Auto Tun Center Fre 2.441500000 GH 2.440500000 GH 2.440500000 GH 2.442500000 GH CF Ste 200.000 kH

Agilent Spectrum A (XI RL F Center Freq	RF 50 Ω AC 2.479500000 Gł P	NO: Wide 🕶 T	rig: Free Run Atten: 30 dB	AL #Avg Type: Avg Hold: 1	RMS	26:01 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P	Frequency
10 dB/div R	ef Offset 9.07 dB ef 20.00 dBm				∆Mkr′	1.028 MHz -0.092 dB	Auto Tur
10.0 0.00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	in the second		Mrm	1Δ2 	A	Center Fre 2.479500000 G⊦
-10.0 -20.0			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			the marked by	Start Fre 2.478500000 G⊦
-50.0 -60.0 -70.0							Stop Fre 2.480500000 GH
Start 2.47850 #Res BW 100	0 kHz	#VBW 30			weep 1.000	2.480500 GHz ms (1001 pts)	CF Stej 200.000 kH <u>Auto</u> Ma
	f (Δ) 1.02	28 MHz (Δ) 36 GHz	-0.092 dB 1.315 dBm	CTION FUNCT	rion width	FUNCTION VALUE	Freq Offse 0 H
6 7 8 9							
10 11						~	
MEG					STATUS		
MSG	Carrie	er Frequen	cy Separatio	on_π/4-D	status QPSK_24	402	
Agilent Spectrum A	Analyzer - Swept SA RF 50 Ω AC		cy Separatio	AL	QPSK_24	40:07 PM Nov 27, 2017	Fraguanay
Agilent Spectrum A	Analyzer - Swept SA RF 50 Q AC 2.402500000 GH P	Hz NO: Wide ↔ T			QPSK_24 IGN AUTO 07 RMS		Frequency
Agilent Spectrum A Val RL F Center Freq R(Analyzer - Swept SA RF 50 Q AC 2.402500000 GH P	Hz NO: Wide ↔ T	SENSE:PULSE	AL #Avg Type:	QPSK_24 IGNAUTO 07 RMS 0/10	40:07 PM Nov 27, 2017 TRACE 1 2 3 4 5 6 TYPE IM WWWWWW	
Agilent Spectrum A Val RL F Center Freq Log 10.0 0.00	Analyzer - Swept SA RF 50 & AC 2.402500000 GF P IF ef Offset 9.07 dB ef 20.00 dBm	Hz NO: Wide →→→ T Gain:Low #	SENSE:PULSE	AL #Avg Type: Avg Hold: 1	QPSK_24 IGN AUTO 07 RMS 0/10 ΔM 1Δ2	40:07 PMNov 27, 2017 TRACE 1 2 3 45 6 TYPE M 34 5 6 TYPE P P P P P kr1 958 kHz 2.522 dB	Auto Tun Center Free
Agilent Spectrum A Qd RL F Center Freq 10 dB/div R 10.0	Analyzer - Swept SA RF 50 & AC 2.402500000 GF P IF ef Offset 9.07 dB ef 20.00 dBm	Hz NO: Wide ↔ T	SENSE:PULSE	AL #Avg Type: Avg Hold: 1	QPSK_24 IGN AUTO 07 RMS 0/10 ΔM 1Δ2	40:07 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P Kr1 958 kHz	Auto Tun Center Fre 2.402500000 GH Start Free
Agilent Spectrum A M RL F Center Freq 10 dB/div Rd 10.0 0.00 -10.0 -20.0 -30.0	Analyzer - Swept SA RF 50 & AC 2.402500000 GF P IF ef Offset 9.07 dB ef 20.00 dBm	Hz NO: Wide →→→ T Gain:Low #	SENSE:PULSE	AL #Avg Type: Avg Hold: 1	QPSK_24 IGN AUTO 07 RMS 0/10 ΔM 1Δ2	40:07 PMNov 27, 2017 TRACE 1 2 3 45 6 TYPE M 34 5 6 TYPE P P P P P kr1 958 kHz 2.522 dB	Auto Tun Center Fre 2.402500000 GH Start Fre 2.401500000 GH Stop Fre
Agilent Spectrum A (M) RL F Center Freq 10 dB/div Ri Log 10.0 .000 .10.0 .20.0 .30.0 .40.0 .50.0 .60.0 .70.0 Start 2.40150 #Res BW 100	Analyzer - Swept SA RF 50 & AC 2.402500000 GHz PF ef Offset 9.07 dB ef 20.00 dBm Ammender Ammender DO GHz 0 kHz	Hz NO: Wide →→→ T Gain:Low #	SENSE:PULSE	AL #Avg Type: Avg Hold: 11	QPSK_24 IGN AUTO 07 RMS 0/10 ΔΜ 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2	40:07 PMNov 27, 2017 TRACE 1 2 3 45 6 TYPE M 34 5 6 TYPE P P P P P kr1 958 kHz 2.522 dB	Auto Tun Center Fre 2.402500000 GH Start Fre 2.401500000 GH Stop Fre 2.403500000 GH CF Stej 200.000 kH
ent Spectrum A RL F inter Freq dB/div R 9 0 0 0 0 0 0 0 0 0 0 0 0 0	Analyzer - Swept SA RF 50 & AC 2.402500000 GH P IF ef Offset 9.07 dB ef 20.00 dBm Analyzer - Swept SA P IF IF IF IF IF IF IF IF IF IF	Hz No: Wide →→ T Gain:Low #	SENSE:PULSE	AL #Avg Type: Avg Hold: 11	QPSK_24 IGNAUTO 07 RMS 0/10 ΔΜ 1Δ2 1Δ2 1Δ2 ΔΜ 5top	40:07 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P kr1 958 kHz 2.522 dB M 2.522 dB 2.403500 GHz ms (1001 pts)	Auto Tune Center Free 2.402500000 GH Start Free 2.401500000 GH Stop Free 2.403500000 GH CF Step 200.000 kH
Agilent Spectrum A XI R Center Freq Cog 10.0 .00	Analyzer - Swept SA RF 50 & AC P 2.402500000 GH P IF ef Offset 9.07 dB ef 20.00 dBm Analyzer - Swept SA P IF IF IF IF IF IF IF IF IF IF	Hz No: Wide →→ T Gain:Low #	SENSE:PULSE	AL #Avg Type: Avg Hold: 11	QPSK_24 IGN AUTO 07 RMS 0/10 ΔΜ 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2	40:07 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P kr1 958 kHz 2.522 dB M 2.522 dB 2.403500 GHz ms (1001 pts)	Auto Tune Center Free 2.402500000 GH 2.401500000 GH 2.401500000 GH 2.403500000 GH 2.403500000 GH CF Step 200.000 kH Auto Mar Freq Offse

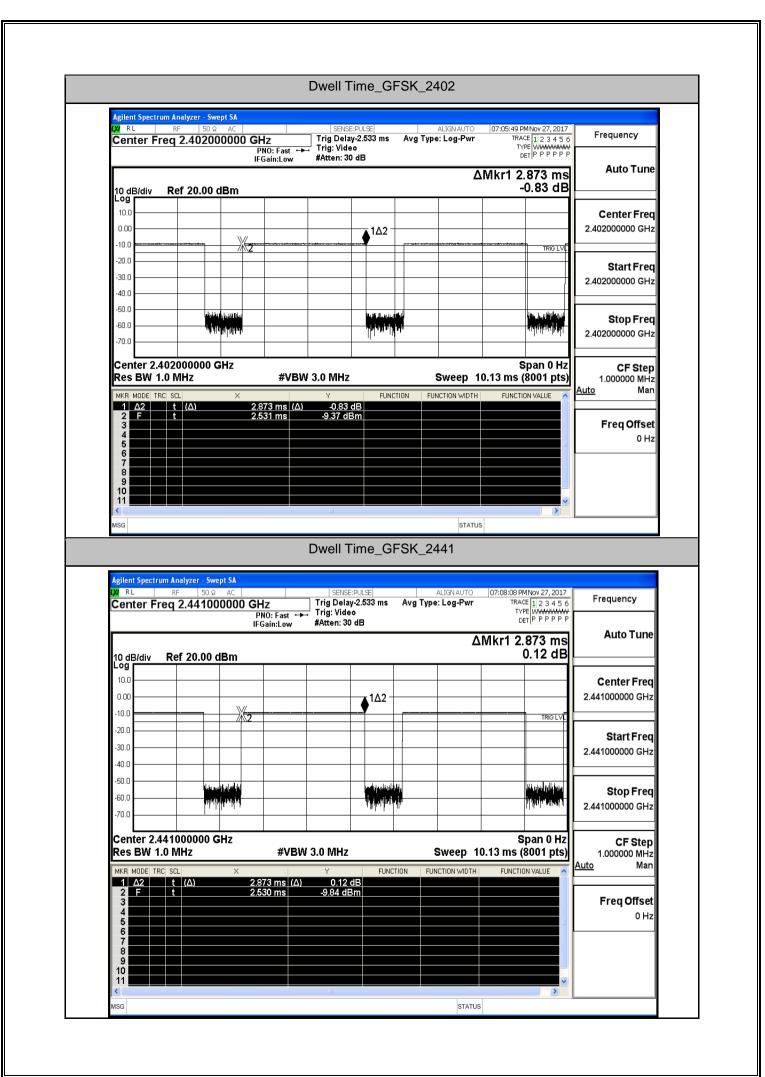
Center Freq	2.441500000 G	Hz PNO: Wide ↔ Trig	SENSE:PULSE	A #Avg Type: Avg Hold: 1		TRAC	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWW	Frequency
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-20.0								Start Fre 2.440500000 GH
-40.0								Stop Fre 2.442500000 GH
Start 2.44050 #Res BW 100		#VBW 300	kHz	s	Si weep 1.	top 2.442 000 ms (′	500 GHz 1001 pts)	CF Stej 200.000 kH
MKR MODE TRC SC 1 Δ2 f 2 F f 3 4 5 4	(Δ) 1.0		592 dB 05 dBm	NCTION FUNC	CTION WIDTH	FUNCTIO	N VALUE	<u>Auto</u> Ma FreqOffse 0 H
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MSG Agilent Spectrum A	nalyzer - Swept SA F 50 Q AC 2.479500000 G	Hz	SENSE:PULSE	A #Avg Type		07:31:54 PM TRAC TYF	1Nov 27, 2017 E 1 2 3 4 5 6 E M WWWWW	Frequency
Agilent Spectrum A (X) RL R Center Freq 10 dB/div Re	nalyzer - Swept SA F 50 Q AC 2.479500000 G	Hz NO: Wide → Trig		A	DQPSK_ LIGN AUTO : RMS 10/10	07:31:54 PM TRAC TYP De kr1 1.3	1Nov 27, 2017 E 1 2 3 4 5 6	Frequency Auto Tun
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Agilent Spectrum A XI RL R Center Freq 10 dB/div Re 10 dB/div Re 10 0 -10.0	nalyzer - Swept SA F 50 Q AC 2.479500000 G F II ef Offset 9.07 dB	Hz NO: Wide ↔ Trig Gain:Low #Att	SENSE:PULSE	A #AvgType Avg Hold: /		07:31:54 PM TRAC TYPE DE kr1 1.3 -0.	1Nov 27, 2017 E 1 2 3 4 5 6 E Μ T P P P P P P 14 MHz	Auto Tun Center Fre
Agilent Spectrum A Agilent Spectrum A Agilent Spectrum A Center Freq 10 dB/div Re 10 dB/div Re 10 dB/div Re 10 0 -0.00 -0.00 -20.0 -30.0 -40.0 -60.0	nalyzer - Swept SA F 50 & AC 2.479500000 G F II ef Offset 9.07 dB ef 20.00 dBm	Hz NO: Wide ↔ Trig Gain:Low #Att	SENSE:PULSE	A #AvgType Avg Hold: /		07:31:54 PM TRAC TYPE DE kr1 1.3 -0.	1100v 27, 2017 E [123456 e Мижики тР Р Р Р Р Р 14 MHz 135 dB	Auto Tun Center Fre 2.479500000 GH Start Fre
Agilent Spectrum A Center Freq 10 dB/div Reg Agilent Spectrum A Agilent Spectrum A<	nalyzer - Swept SA F 50 & AC 2.479500000 G F ef Offset 9.07 dB ef 20.00 dBm A A A A A A A A A A A A A	Hz NO: Wide ↔ Trig Gain:Low #Att	SENSE:PULSE	Avg Hold: /	DQPSK I IGN AUTO : RMS 10/10 ΔΜ ··································	07:31:54 PM TRAC TYP DE kr1 1.3 -0. 1Δ2 -////////////////////////////////////	1100 27, 2017 E [12 3 4 5 6 E MWWWWW TP P P P P P 14 MHz 135 dB 	Auto Tun Center Fre 2.479500000 GH Start Fre 2.478500000 GH Stop Fre 2.480500000 GH CF Stej 200.000 kH
Agilent Spectrum A Og Ref 10 dB/div Ref Ref Og Og Og 10.0 op Og Og -20.0 op Og Og -30.0 op Og Og Og -40.0 op op Og Og Og -70.0 Og Og <t< td=""><td>nalyzer - Swept SA F 50 & AC 2.479500000 G F 10 ef Offset 9.07 dB ef 20.00 dBm A A A A A A A A A A A A A A A A A A A</td><td>Hz NO: Wide ↔ Trig Gain:Low #Att</td><td>SENSE:PULSE</td><td>Avg Hold: /</td><td>DQPSK I IGN AUTO : RMS 10/10 ΔΜ www.ywyywy www.ywyywy SS</td><td>07:31:54 PM TRAC TYP DE kr1 1.3 -0. 1Δ2 - 1Δ2 - - - - - - - - - - - - - - - - - - -</td><td>1100 27, 2017 E [12 3 4 5 6 E MWWWWW TP P P P P P 14 MHz 135 dB </td><td>Auto Tun Center Fre 2.479500000 GH Start Fre 2.478500000 GH Stop Fre</td></t<>	nalyzer - Swept SA F 50 & AC 2.479500000 G F 10 ef Offset 9.07 dB ef 20.00 dBm A A A A A A A A A A A A A A A A A A A	Hz NO: Wide ↔ Trig Gain:Low #Att	SENSE:PULSE	Avg Hold: /	DQPSK I IGN AUTO : RMS 10/10 ΔΜ www.ywyywy www.ywyywy SS	07:31:54 PM TRAC TYP DE kr1 1.3 -0. 1Δ2 - 1Δ2 - - - - - - - - - - - - - - - - - - -	1100 27, 2017 E [12 3 4 5 6 E MWWWWW TP P P P P P 14 MHz 135 dB 	Auto Tun Center Fre 2.479500000 GH Start Fre 2.478500000 GH Stop Fre

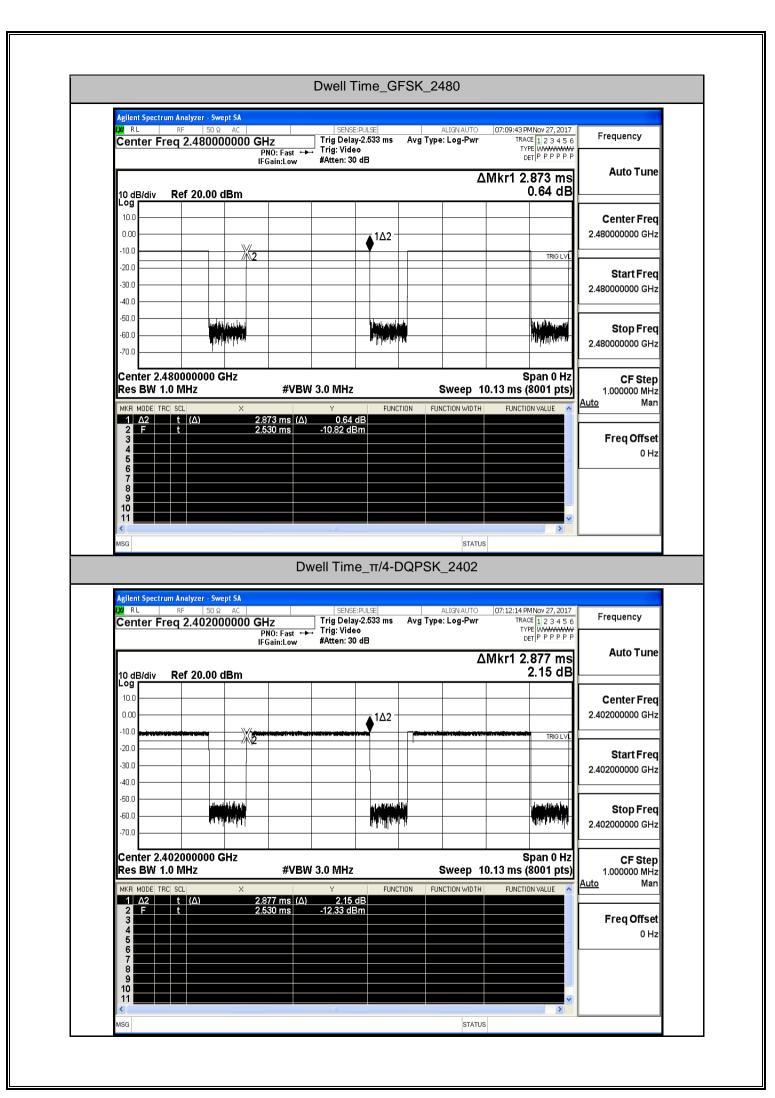
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		X		/ 300 kHz Y	FUNC		NCTION WIDTH		(1001 pts)	200.000 k⊢ <u>Auto</u> Ma
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Agilent Spectr XI RL Center F 10 dB/div Log 10.0 -10.0 -20.0 -30.0	RF 50 Ω req 2.44150 Ref Offset 9.0 Ref 20.00 (ept SA AC DOOOO GH PN IFG D7 dB JBm	Z O: Wide +► Sain:Low	SENSI Trig: Free #Atten: 30	E:PULSE e Run D dB	#Avg Typ Avg Hold	ALIGN AUTO DPSK_: ALIGN AUTO De: RMS I: 10/10	2441 07:36:37 Γ TRA TRA TRA 1 Δ Δ 1Δ2	PMNov 27, 2017 VCE 12 3 4 5 6 VPE M WWWWW DET IP P P P P 212 MHz 0.181 dB	Auto Tun Center Fre 2.441500000 GF Start Fre 2.440500000 GF Stop Fre
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Agilent Spectr XI RL Center F 10 dB/div Log 10.0 -10.0 -20.0 -30.0 -40.0 -50.0 -50.0 -50.0 -50.0 -50.0 -70.0 Start 2.44	Ref Offset 9.0 Ref 20.00 (ept SA AC DOOOO GH PN IFG D7 dB JBm	Z O: Wide → Sain:Low	SENSI	E:PULSE	#Avg Typ Avg Hold	ALIGN AUTO DPSK_: ALIGN AUTO DE: RMS I: 10/10 AN AN AN AN AN AN AN AN AN AN	2441	2000 27,2017	Auto Tun Center Fre 2.441500000 GF 2.440500000 GF 2.440500000 GF 2.442500000 GF
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Agilent Spectr XI RL Center F 10 dB/div Log 10.0 .0.0 .10.0 .20.0 .10.0 .20.0 .20.0 .30.0 .20.0 .30.0 .40.0 .50.	Ref Offset 9.0 Ref 2.44150	20000 GH PN IFG D7 dB JBm 20000 GH PN IFG 20000 GH 20000 GH 2000000 GH 20000 GH 20000000 GH 20000000000000000000000000000000000	Z 0: Wide → sain:Low #VBW	SENSI Trig: Fre- #Atten: 3	E:PULSE	#Avg Typ Avg Hold	DPSK_: ALIGN AUTO De: RMS : 10/10 ALIGN AUTO De: RMS : 10/10 Sweep 1	2441 07:36:37 F TRA TRA 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2	2500 GHz (1001 pts)	Auto Tun Center Fre 2.441500000 GH Start Fre 2.440500000 GH Stop Fre 2.442500000 GH CF Ste 200.000 kH
Agilent Spectr XI RL Center F Conter F 10.0 0.00 -10.0 -20.0 -30.0 -30.0 -40.0 -50.0 -50.0 -50.0 -70.0 Start 2.44 #Res BW MKR MODE TI 1 A2 2 F 3 4	Ref Offset 9.0 Ref 2.44150	20000 GH PN IFG D7 dB JBm 20000 GH PN IFG 20000 GH 20000 GH 2000000 GH 20000 GH 20000000 GH 20000000000000000000000000000000000	Z 0: Wide → sain:Low #VBW	SENSI Trig: Fre- #Atten: 3	E:PULSE	#Avg Typ Avg Hold	DPSK_: ALIGN AUTO De: RMS : 10/10 ALIGN AUTO De: RMS : 10/10 Sweep 1	2441 07:36:37 F TRA TRA 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2 1Δ2	2500 GHz (1001 pts)	Auto Tun Center Fre 2.441500000 GH Start Fre 2.440500000 GH Stop Fre 2.442500000 GH CF Ste 200.000 kH Auto Freq Offse

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10 dB/div Ref 20.00 dBm -0.304 dB 10 dB/div Ref 20.00 dBm -0.304 dB 10 dB/div 1Δ2 -0.304 dB -0.00 -0.304 dB -0.304 dB MKR MODEL TRC SQL X Y V FUNCTION WIDTH FUNCTION VALUE MKR MODEL TRC SQL X Y 2 F f 2.479 134 GHz -1.886 dBm 3 d -0.304 dB -1.886 dBm -1.886 dBm		TYPE MWWWWW DET P P P P P	10/10	Avg Hold			PNO: Wide 🗕				
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-50.0 -60.0 <t< td=""><td>2.478500000 GH</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	2.478500000 GH										
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MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE Auto Mail 1 Δ2 f (Δ) 860 kHz (Δ) -0.304 dB F F F F F F 1.886 dBm F F F F F F F 1.886 dBm F F F F F F F F 1.886 dBm F<	CF Stej 200.000 kH				Hz	W 300 ki	#VB				
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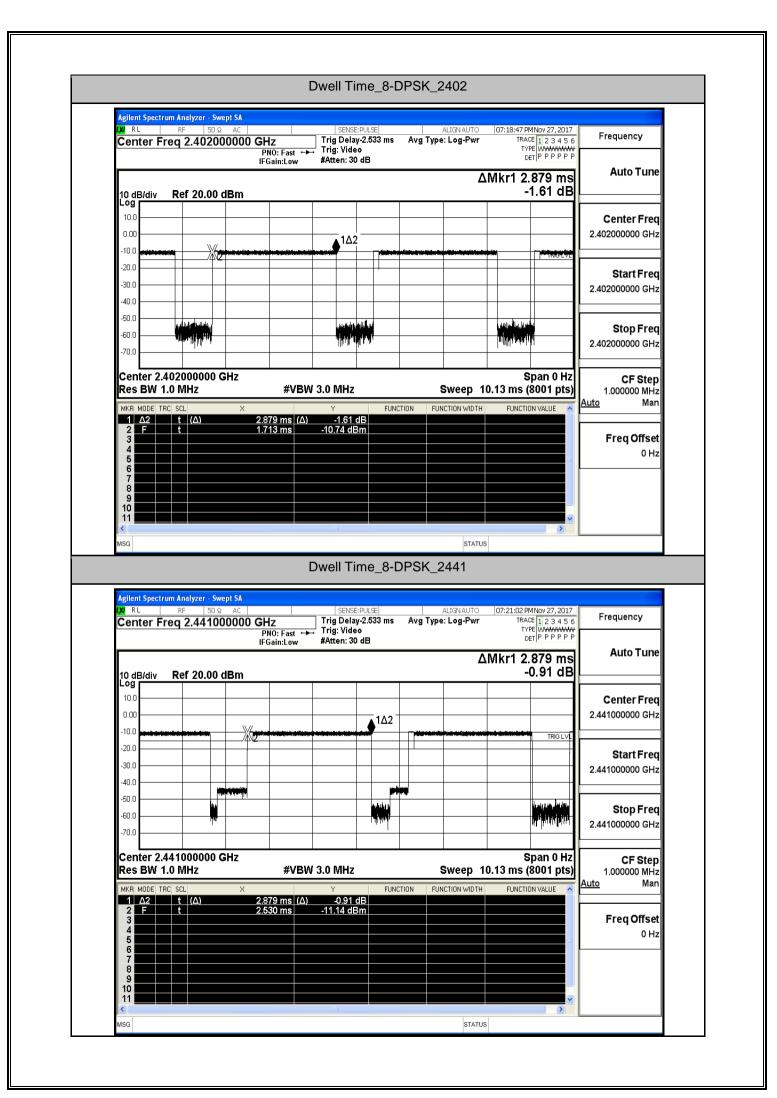
A.4 Dwell Time

Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
	2402	2.87	106.7	0.306	0.4	PASS
GFSK	2441	2.87	106.7	0.306	0.4	PASS
	2480	2.87	106.7	0.306	0.4	PASS
	2402	2.88	106.7	0.307	0.4	PASS
π/4-DQPSK	2441	2.88	106.7	0.307	0.4	PASS
	2480	2.88	106.7	0.307	0.4	PASS
	2402	2.88	106.7	0.307	0.4	PASS
8-DPSK	2441	2.88	106.7	0.307	0.4	PASS
	2480	2.88	106.7	0.307	0.4	PASS





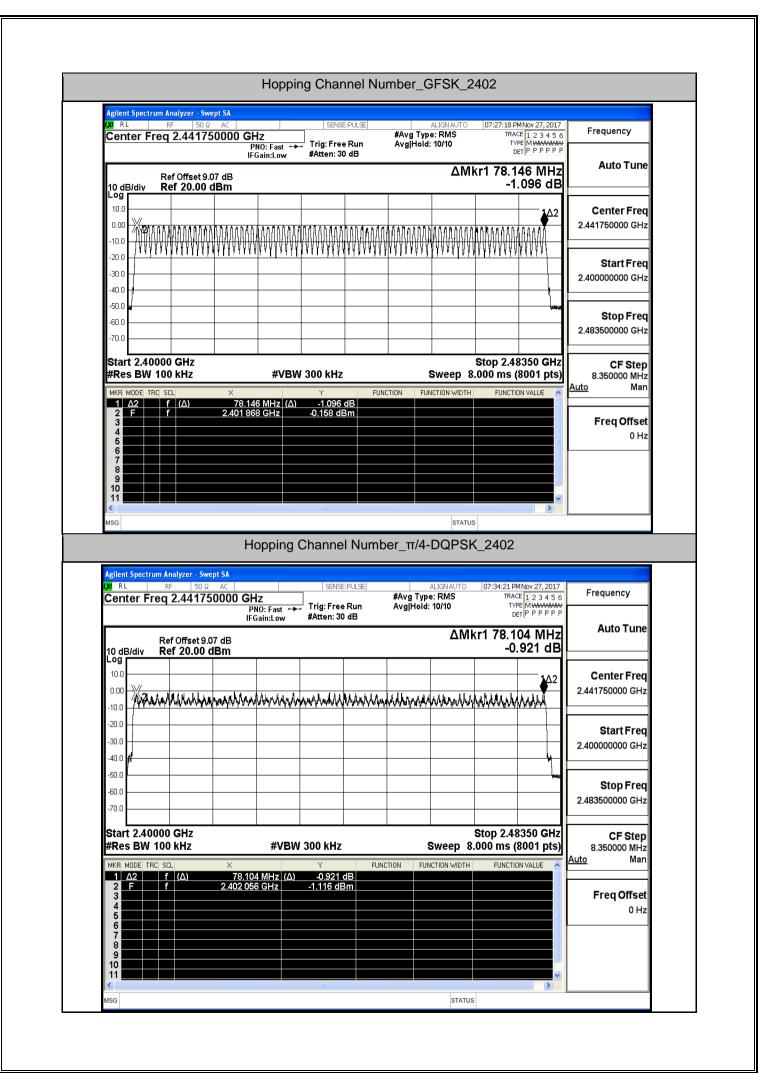
Agilent Spectrum An LXI RL RF	F 50Ω AC		ENSE:PULSE	ALIGNA		
Center Freq		NO: Fast +++ Trig:	Delay-2.533 ms Video n: 30 dB	Avg Type: Log-	Pwr TRACE 1 2 : TYPE WW DET P P	
	lF	Gain:Low #Atte			∆Mkr1 2.877	ms Auto Tune
10 dB/div Re	ef 20.00 dBm			1	-3.61	dB
10.0						Center Fred
-10.0			1∆2			2.441000000 GHz
-20.0						Start Fred
-30.0						2.441000000 GHz
-50.0	لتدرير ومنافأته العرب		dust hat side	in in in its second	i da bu	
-60.0	μ		ter a serie	111	ן ווייייי	JUDITEL
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7 8						
9						
11						
		Dwoll T	imo π/4-Γ			×
11		Dwell T	ime_π/4-[DQPSK_24		
11			ENSE:PULSE	DQPSK_24	80 UTO 07:16:25 PMNov 2	7, 2017
Agilent Spectrum Ar	F 50 Ω AC 2.480000000 GI F	Hz Trig NO: Fast ↔ Trig:	ENSE:PULSE Delay-2.533 ms Video	DQPSK_24	80 UTO 07:16:25 PM Nov 2 Pwr TRACE 1 2 TYPE WMM	7,2017 3 4 5 6 Frequency
Agilent Spectrum Ar	F 50 Ω AC 2.480000000 GI F	Hz Trig N0: Fast ↔ Trig:	ENSE:PULSE	DQPSK_24	BO UTO 07:16:25 PMNov 2 Pwr TRACE 1 2 TYPE WWM DET P P	7,2017 3 4 5 6 PP P P
Agilent Spectrum An XX RL RF Center Freq	F 50 Ω AC 2.480000000 GI F	Hz Trig NO: Fast ↔ Trig:	ENSE:PULSE Delay-2.533 ms Video	DQPSK_24	80 UTO 07:16:25 PM Nov 2 Pwr TRACE 1 2 TYPE WMM	7,2017 3 4 5 6 PP P P Auto Tune
Agilent Spectrum Ar (X) RL RF Center Freq 10 dB/div Re Log	F 50 Ω AC 2.480000000 Gi F IF	Hz Trig NO: Fast ↔ Trig:	ENSE:PULSE Delay-2.533 ms Video	DQPSK_24	30 100 07:16:25 PM Nov 2 Pwr TRACE 12 TYPE WWM DET P P ΔMkr1 2.877	7,2017 3 4 5 6 Frequency MS Auto Tune dB Center Frec
Agilent Spectrum Ar Agilent Spectrum Ar Center Freq 10 dB/div Re Log	F 50 Ω AC 2.480000000 GI F IF F IF F F IF F F IF F F IF F F IF F F IF F F F F F F F F F F F F F	Hz Trig NO: Fast ↔ Trig:	ENSE:PULSE Delay-2.533 ms Video	DQPSK_24	30 Pwr TRACE 12 Type WWM DET P.P ΔMkr1 2.877 -0.54	7,2017 3 4 5 6 P P P P MS dB Center Free 2.480000000 GH;
Agilent Spectrum An MSG Agilent Spectrum An (X) RL RF Center Freq 10 dB/div Re Log 10.0 0.00	F 50 Ω AC 2.480000000 Gi F IF	Hz Trig NO: Fast ↔ Trig:	ENSE:PULSE Delay-2.533 ms Video n: 30 dB	DQPSK_24	30 Pwr TRACE 12 Type WWM DET P.P ΔMkr1 2.877 -0.54	7,2017 3 4 5 6 Frequency MS Auto Tune dB Center Frec
11	F 50 Ω AC 2.480000000 GI F IF F IF F F IF F F IF F F IF F F IF F F IF F F F F F F F F F F F F F	Hz Trig NO: Fast ↔ Trig:	ENSE:PULSE Delay-2.533 ms Video n: 30 dB	DQPSK_24	30 Pwr TRACE 12 Type WWM DET P.P ΔMkr1 2.877 -0.54	7,2017 Frequency 3 4 5 6 Frequency ms Auto Tune dB Center Frequency 2.480000000 GHz
Agilent Spectrum An MSG Agilent Spectrum An Center Freq 10 dB/div Re 10.0 0.00 -10.0 -10.0 -20.0	F 30 Ω AC 2.480000000 GI F IF ef 20.00 dBm	Hz Trig NO: Fast ↔ Trig:	ENSE:PULSE Delay-2.533 ms Video n: 30 dB	DQPSK_24	30 UTO 07:16:25 PM Nov 2' Pwr TRACE 1 2 TYPE WWW DET P P ΔMkr1 2.877 -0.54	7,2017 Frequency 3 4 5 6 Frequency MWWW P P P MS Auto Tune dB Center Frequency 2.480000000 GH2 XIG_LYP 2.480000000 GH2
11 MSG MSG MSG Agilent Spectrum Ar RF Center Freq Image: Center Freq 10 dB/div RF 10 dB/div Re 10 dB/div <t< td=""><td>F 50 Ω AC 2.480000000 GI F IF F IF F F IF F F IF F F IF F F IF F F IF F F F F F F F F F F F F F</td><td>Hz Trig NO: Fast ↔ Trig:</td><td>ENSE:PULSE Delay-2.533 ms Video n: 30 dB</td><td>DQPSK_24</td><td>30 Pwr TRACE 12 Type WWM DET P.P ΔMkr1 2.877 -0.54</td><td>7,2017 3 4 5 6 WWWW P P P P MS dB Center Frec 2.480000000 GH2 30 14 Start Frec 2.480000000 GH2</td></t<>	F 50 Ω AC 2.480000000 GI F IF F IF F F IF F F IF F F IF F F IF F F IF F F F F F F F F F F F F F	Hz Trig NO: Fast ↔ Trig:	ENSE:PULSE Delay-2.533 ms Video n: 30 dB	DQPSK_24	30 Pwr TRACE 12 Type WWM DET P.P ΔMkr1 2.877 -0.54	7,2017 3 4 5 6 WWWW P P P P MS dB Center Frec 2.480000000 GH2 30 14 Start Frec 2.480000000 GH2
11 Agilent Spectrum Arr MSG RL Center Freq RC 10 dB/div Re 0.00	F 30 Ω AC 2.480000000 GI F IF F F F F F F F F F F F F F	Hz Trig NO: Fast ↔ Trig:	ENSE:PULSE Delay-2.533 ms Video n: 30 dB	DQPSK_24		7, 2017 Frequency 3 4 5 6 Frequency MWW Auto Tune dB Center Frequency Center Frequency 2.480000000 GH; R0_170 Start Frequency R0_170 Stop Frequency R0_170 S
11 MSG MSG MSG Agilent Spectrum Ar RF Center Freq Image: Center Freq 10 dB/div RF 10 dB/div Re 10 dB/div <t< td=""><td>F 30 Ω AC 2.480000000 GI F IF F F F F F F F F F F F F F</td><td>Hz Trig NO: Fast ↔ Trig:</td><td>ENSE:PULSE Delay-2.533 ms Video n: 30 dB</td><td>DQPSK_24</td><td>30 UTO 07:16:25 PM Nov 2' Pwr TRACE 1 2 TYPE WWW DET P P ΔMkr1 2.877 -0.54</td><td>7, 2017 3 4 5 6 P P P P MS dB Center Free 2.48000000 GHz Stop Free 2.48000000 GHz CF Ster</td></t<>	F 30 Ω AC 2.480000000 GI F IF F F F F F F F F F F F F F	Hz Trig NO: Fast ↔ Trig:	ENSE:PULSE Delay-2.533 ms Video n: 30 dB	DQPSK_24	30 UTO 07:16:25 PM Nov 2' Pwr TRACE 1 2 TYPE WWW DET P P ΔMkr1 2.877 -0.54	7, 2017 3 4 5 6 P P P P MS dB Center Free 2.48000000 GHz Stop Free 2.48000000 GHz CF Ster
11 Agilent Spectrum Arr MSG RL Center Freq RE 10 dB/div Re	F 30 Ω AC 2.480000000 GI F F F F F F F F F F F F F	HZ NO: Fast → Trig G Gain:Low #Atter #Atte	ENSE:PULSE Delay-2.533 ms Video n: 30 dB	DQPSK_24	BO	7,2017 Frequency 3 4 5 6 Frequency MS Auto Tune dB Center Frequency Center Frequency 2.48000000 GH2 Start Frequency Start Frequency Start Frequency 2.48000000 GH2 Center Frequency Start Frequency Center Frequency Start Frequency Start Frequency Start Frequency Center Frequency Start Frequency Center Frequency Start Frequency Start Start Frequency Start Freq
Agilent Spectrum Ar MSG Agilent Spectrum Ar Q RL Center Freq 10 dB/div Re 10.0 Re	F 50 Ω AC 2.480000000 GI F IF F F F F F F F F F F F F F	HZ NO: Fast → Gain:Low #Atten # #Atten # # # # # #Atten # # # # # # # # # # # # #	ENSE:PULSE Delay-2.533 ms Video n: 30 dB	DQPSK_24	BO	7,2017 Frequency 3 4 5 6 Frequency MS Auto Tune dB Center Frequency Center Frequency 2.48000000 GH2 Start Frequency Start Frequency Start Frequency 2.48000000 GH2 Center Frequency Start Frequency Center Frequency Start Frequency Start Frequency Start Frequency Center Frequency Start Frequency Center Frequency Start Frequency Start Start Frequency Start Freq
11	F 50 Ω AC 2.480000000 GI F IF F F F F F F F F F F F F F	HZ NO: Fast → Gain:Low #Atter # #Atter # #Atter # #Atter # #Atter # #Atter # #Atter # # #Atter # # # # # # # # # # # # # # # # # # #	ENSE:PULSE Delay-2.533 ms Video n: 30 dB	DQPSK_24	BO	7,2017 Frequency 3 4 5 6 Frequency ms Auto Tune dB Center Frequency 2.480000000 GH2 Start Frequency Start Frequency Start Frequency 0 Hz Stop Frequency 0 Hz CF Step 1.000000 GH2 Auto Mar
11	F 50 Ω AC 2.480000000 GI F IF F F F F F F F F F F F F F	HZ NO: Fast → Gain:Low #Atter # #Atter # #Atter # #Atter # #Atter # #Atter # #Atter # # #Atter # # # # # # # # # # # # # # # # # # #	ENSE:PULSE Delay-2.533 ms Video n: 30 dB	DQPSK_24	BO	7,2017 Frequency 3 4 5 6 Frequency ms Auto Tune dB Center Frequency dB Center Frequency dB Start Frequency 2.48000000 GH: Start Frequency 2.48000000 GH: Start Frequency 0 Hz CF Step 1.000000 GH: pts) Auto Mar Freq Offset Freq Offset



				ALIGN AUTO Avg Type: Log-Pwr	07:22:36 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P P	Frequency
10 dB/div R	ef 20.00 dBm	FGain:Low #Atten.		Δ	Mkr1 2.879 ms -2.83 dB	Auto Tune
10.0 0.00			▲ 1∆2			Center Freq 2.480000000 GHz
-20.0						Start Freq 2.480000000 GHz
-50.0 -60.0 -70.0	444-410-4144444444444444444444444444444					Stop Freq 2.480000000 GHz
Center 2.480 Res BW 1.0 I	MHz	#VBW 3.0 MH	Iz FUNC	-	Span 0 Hz 0.13 ms (8001 pts)	CF Step 1.000000 MHz <u>Auto</u> Man
	: (Δ) 2	.879 ms (Δ) -2.8 .390 ms -11.15	3 dB dBm			Freq Offset 0 Hz

A.5 Hopping Channel Number

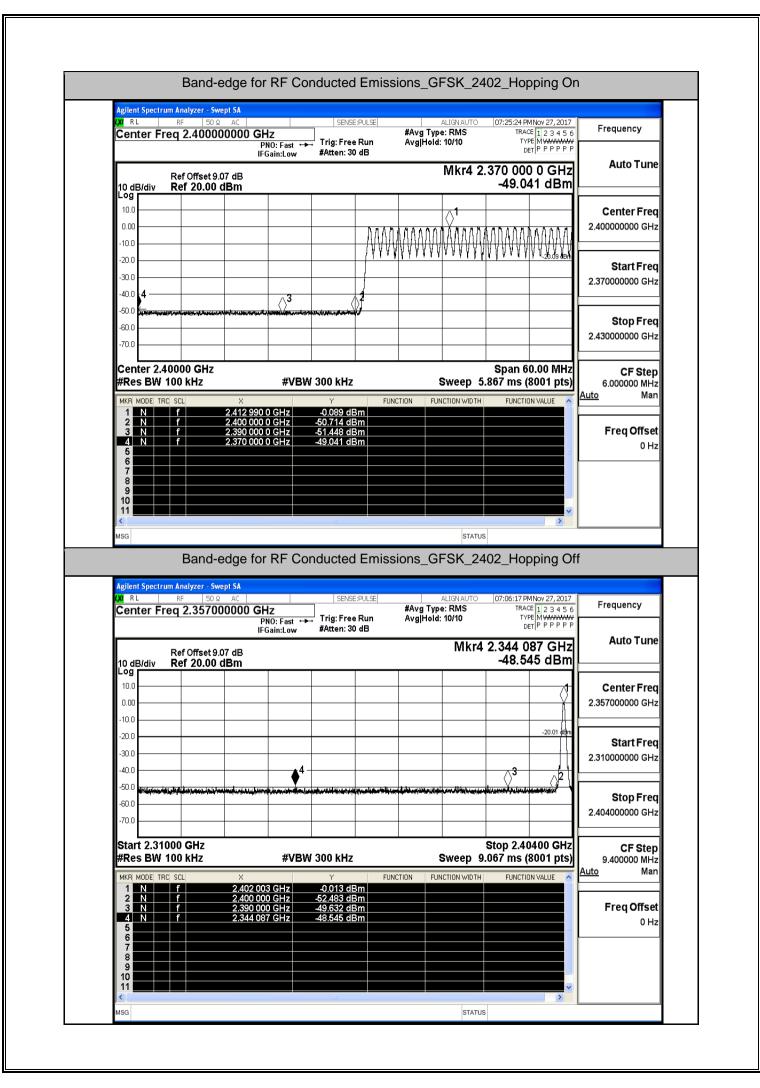
Test Mode	Test Channel	Number of Hopping Channel[N]	Limit[N]	Verdict
GFSK	2402	79	>=15	PASS
π/4-DQPSK	2402	79	>=15	PASS
8-DPSK	2402	79	>=15	PASS

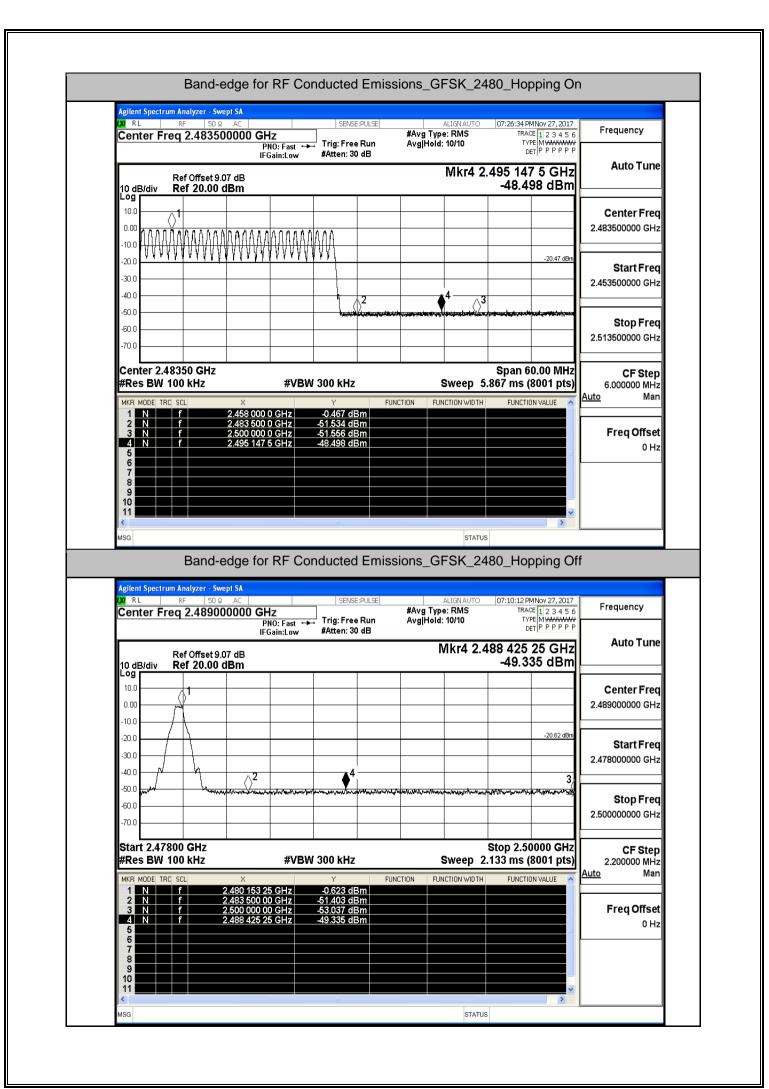


x RL Center	RF Freq 2.44	50Ω AC 1750000 (:PULSE	#Avg Typ Avg Hold		TRA	AM Nov 28, 2017 ACE 1 2 3 4 5 6 YPE M WAA WAA	Frequency
10 dB/di		et 9.07 dB 00 dBm	PNO: Fast ← IFGain:Low	#Atten: 30				kr1 77.8	B43 MHz 2.030 dB	Auto Tune
10.00 -10.00	,		here Annuales	adamaterial and in	VIANAN	home a bine a diversion of	-		1 <u>0</u> 2	Center Freq 2.441750000 GHz
-20.0										Start Freq 2.400000000 GHz
-50.0									<u> </u>	Stop Freq 2.483500000 GHz
#Res B	40000 GHz W 100 kHz		#VB	W 300 kHz	Fill		Sweep 8	3.000 ms	8350 GHz (8001 pts)	CF Step 8.350000 MHz <u>Auto</u> Man
1 Δ2 2 F 3 4 5		77.	843 MHz (∆ 014 GHz		зB					Freq Offset 0 Hz
6										

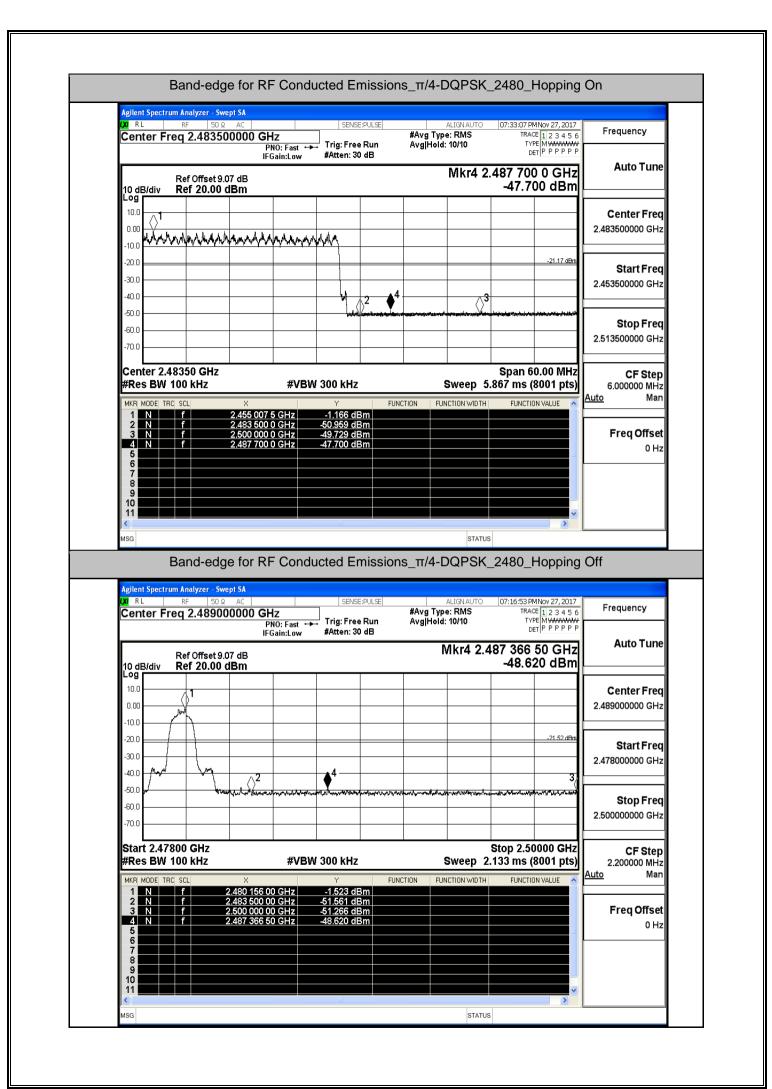
A.6 Band-edge for RF	Conducted	Emissions
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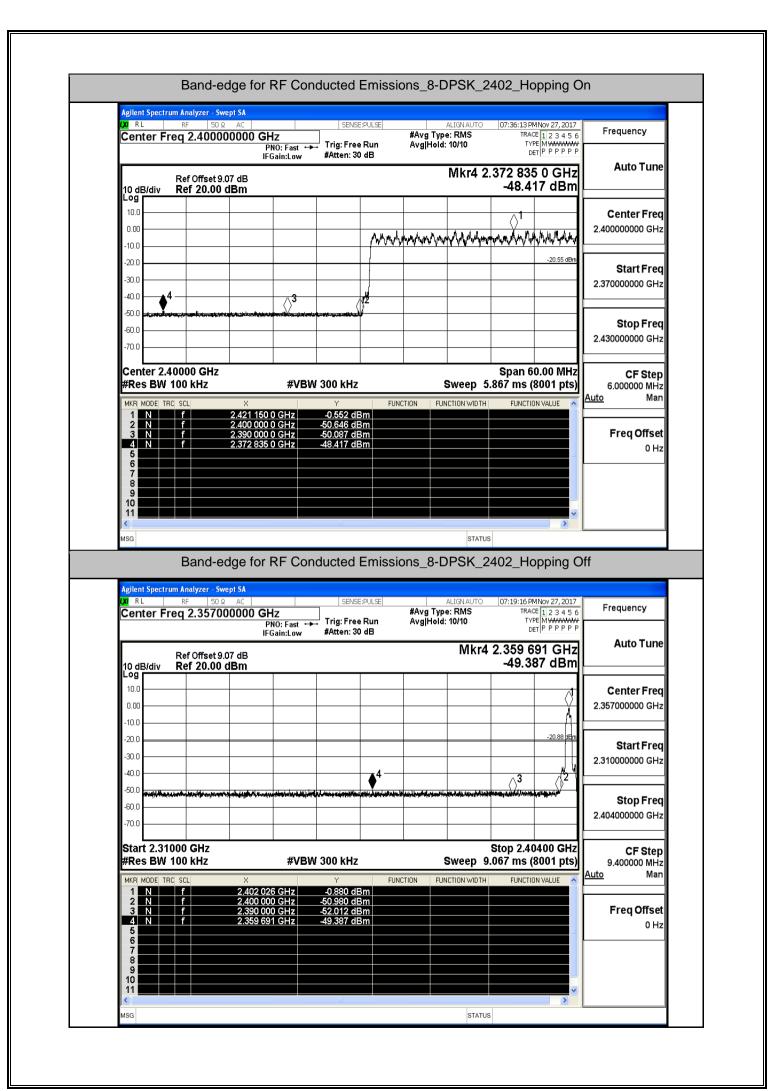
Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
	2402	On	-0.089	-49.041	-20.09	PASS
GFSK	2402	Off	-0.013	-48.545	-20.01	PASS
GFSK	2480	On	-0.467	-48.498	-20.47	PASS
	2480	Off	-0.623	-49.335	-20.62	PASS
	2402	On	-0.645	-47.771	-20.65	PASS
π/4-DQPSK	2402	Off	-0.663	-48.584	-20.66	PASS
11/4-DQFSN	2480	On	-1.166	-47.700	-21.17	PASS
	2480	Off	-1.523	-48.620	-21.52	PASS
	2402	On	-0.552	-48.417	-20.55	PASS
8-DPSK	2402	Off	-0.880	-49.387	-20.88	PASS
0-0431	2480	On	-0.923	-48.375	-20.92	PASS
	2480	Off	-1.444	-48.682	-21.44	PASS





Center Freq 2.40000000 GHz Tigs Free Run Better 300 dB Avg Toe: RNS The 123 4 5 0 MKr4 2.378 025 0 GHz Frequency 10 dBiddy Ref Offset 307 dB 44.7771 dBm Auto Tun 10 dBiddy Ref 20.00 dBm 47.771 dBm Center Fre 2.4000000 GHz Auto Tun 10 dBiddy Ref 20.00 dBm 47.771 dBm Center Fre 2.4000000 GHz Start Fre 2.4000	Agilent Spectrum Analyze	er - Swept SA 50 Ω AC	SENSE:PULSE	ALIGNAUTO	07:31:07 PM Nov 27, 2017	
Ref Offset 807 dB Mkr4 2.378 025 0 GHz Auto Tun 10 dBd/w 47.771 dBm 4		00000000 GHz		#Avg Type: RMS		Frequency
Control Center Fre 0.00		IFGain:Low			.378 025 0 GHz	Auto Tun
0.00 0 <td>Log</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Log					
100 1					1	
33 4 4 4 3 4 4 3 4 4 3 4 4 3 4 4 3 4			/Ww	hallowkkakaallall	mannin	2.4000000000
300 4 300 4 300 237000000 GH 400	-20.0				-20.65 dBm	Start Free
Construction Construction Construction Stop Free 2.400000 GHz Center 2.40000 GHz #VBW 300 KHz Sweep 5.867 ms (8001 pts) Stop Free 3.000000 GHz MRR. Hole The Salt 2.400000 GHz #VBW 300 KHz Sweep 5.867 ms (8001 pts) Free Offsee 6.0000 GHz MRR. Hole The Salt 2.400000 GHz #VBW 300 KHz Sweep 5.867 ms (8001 pts) Free Offsee 6.0000 GHz MRR. Hole The Salt 2.400000 GHz 4.002 GHz 4.002 GHz 6.0000 GHz Free Offsee 6.0000 GHz MRR. Hole The Salt Mark 1 2.372 025 0 GHz -477.721 dBm Auto Tune Mark 1 Free Offsee 6.0000 GHz Mark 1 Mark	-30.0					
Bard Bard Bard Stop Free Stop Free <td></td> <td>,4</td> <td>1²</td> <td></td> <td></td> <td></td>		,4	1 ²			
7.00			hyter the designed			Stop Free
#Res BW 100 kHz #VBW 300 kHz Sweep 5.867 ms (8001 pts) 6.00000 kHz MR MORE TRE SCL 2 400 000 cHz						2.430000000 GH:
#Res BW 100 kHz #VBW 300 kHz Sweep 5.867 ms (8001 pts) 6.00000 Ht MR MORE TRC SCL 2 400 000 cHz	Center 2 40000 C	<u> </u>			Spap 60.00 MHz	e==:
Minima Res Control Protection Protectio			300 kHz	Sweep 5		
2 N f 2.400 0000 GHz 54.329 dBm Freq Offset 0 Hz 3 N f 2.378 025 0 GHz 47.771 dBm 0 Hz 60.920 dBm 0 Hz 0 Hz </td <td></td> <td></td> <td></td> <td>INCTION FUNCTION WIDTH</td> <td>FUNCTION VALUE</td> <td><u>Auto</u> Mar</td>				INCTION FUNCTION WIDTH	FUNCTION VALUE	<u>Auto</u> Mar
4 N f 2378 025 0 GHz 47.771 dBm 0 6 0 <td>2 N f</td> <td>2.400 000 0 GHz</td> <td>-51.492 dBm</td> <td></td> <td></td> <td>Erog Offoo</td>	2 N f	2.400 000 0 GHz	-51.492 dBm			Erog Offoo
6 7	4 N f					-
Band-edge for RF Conducted Emissions_trt/4-DQPSK_2402_Hopping Off Adden Spectrum Analyzer - Swept SA Band-edge for RF Conducted Emissions_trt/4-DQPSK_2402_Hopping Off Adden Spectrum Analyzer - Swept SA Band-edge for RF Conducted Emissions_trt/4-DQPSK_2402_Hopping Off Adden Spectrum Analyzer - Swept SA Band-edge for RF Conducted Emissions_trt/4-DQPSK_2402_Hopping Off Adden Spectrum Analyzer - Swept SA Band-edge for RF Conducted Emissions_trt/4-DQPSK_2402_Hopping Off Adden Spectrum Analyzer - Swept SA Band-edge for RF Conducted Emissions_trt/4-DQPSK_2402_Hopping Off Adden Spectrum Analyzer - Swept SA Band-edge for RF Conducted Emissions_trt/4-DQPSK_2402_Hopping Off Adden Spectrum Analyzer - Swept SA Band-edge for RF Conducted Emissions_trt/4-DQPSK_2402_Hopping Frequency Hop Freq Dot Band Band Band Band Band Band Band Band	6					
10 11 11 12 13 14 15 16	8					
Startus Startus Band-edge for RF Conducted Emissions_tr/4-DQPSK_2402_Hopping Off Adjoint Spectrum Andyzer - Swept 5A RL RF 000 AC Startus Center Freq 2.357000000 GHz Frequency PR0: Fast	10					
Band-edge for RF Conducted Emissions_tt/4-DQPSK_2402_Hopping Off Aglent Spectrum Analyzer - Swept SA Mill RL RF 90 @ AC Issue - Issue - Issue - Ref 90 @ AC Issue - Trig: Free Run IFGain:Low - Adten: 30 dB ALIGNAUTO 107:12-43 PMINOV 27, 2017 (700 - 100 -			1111			
Ref Offset 9.07 dB Frequency Ref Offset 9.07 dB Mikr 2.316 263 GHz 100 -48.584 dBm -48.584 dBm -48.584 dBm 100 -200 BBm -48.584 dBm -48.584 dBm 100 -200 BBm -48.584 dBm -48.584 dBm 100 -200 BBm -48.584 dBm -200 BBm 200 -200 BBm -200 BBm -200 BBm 200 -200 BBm -200 BBm <td< td=""><td>MSG</td><td></td><td></td><td>STATU</td><td>5</td><td></td></td<>	MSG			STATU	5	
RL RF SQ & AC ISRNE-PULSE ALIGNAUTO 07:12:43 PMNov 27, 2017 Frequency Center Freq 2.357000000 GHz PNO: Fast	Band-	edge for RE Condu				
Center Freq 2.357000000 GHz Trig: Free Run #Avg Type: RMS Trace 12 3 4 5 6 Frequency PN0: Fast Trig: Free Run Avg/Held: 10/10 Avg/H		cuge for the condu	cted Emissio	ns_π/4-DQPSK	_2402_Hopping	Off
Control PhO: Fast Trig: Free Run BeGain:Low Avg Heid: 10/10 Tvee Muxman Der (P P P P P P P P P P 48.ten: 30 dB Auto Tune No dB/div Log Ref Offset 9.07 dB Mkr4 2.316 263 GHz -48.584 dBm Auto Tune 10 dB/div Log Ref 20.00 dBm	Agilent Spectrum Analyze	-	cted Emissio	ns_π/4-DQPSK	_2402_Hopping	Off
Ref Offset 9.07 dB Mkr4 2.316 263 GHz Auto Tune 10 dB/div Ref 20.00 dBm -48.584 dBm -48.584 dBm -48.584 dBm 10 dB/div	LXIRL RF	er - Swept SA 50 Ω ΑC	SENSE:PULSE	ALIGN AUTO	07:12:43 PM Nov 27, 2017 TRACE 1 2 3 4 5 6	[
10 dB/div Ref 20.00 dBm -48.584 dBm 10 dB/div Ref 20.00 dBm -40.584 dBm -20.6 -20.65 dBm -20.65 dBm -40.0 -4 -4 -4 -40.0 -4 -4 -4 -40.0 -4 -4 -4 -50.0 -44 -4 -4 -60.0 -4 -4 -4 -60.0 -4 -4 -4 -70.0 -4 -4 -4 Start 2.31000 GHz #VBW 300 kHz Stop Free 2.40400000 GHz -51.604 dBm -4 9 -7 -7 -7 10 -7 -7 -7 10 -7 -7 -7 10 -7 -7 -7 10	LXI RL RF	er - Swept SA 50 Ω AC 57000000 GHz PN0: Fast ↔	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS	07:12:43 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE IM WWWWWW	[
10.0 10.0	war∟ _{RF} Center Freq 2.3	er - Swept SA 50 Ω AC 57000000 GHz PN0: Fast ↔ IFGain:Low	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 10/10	07:12:43 PMNov 27, 2017 TRACE 1 2 3 4 5 6 ТУРЕ М WWWWW DET P P P P P 2.316 263 GHz	Frequency
10.0 20.0 20.6 Hm 30.0 20.0 Hm 20.6 Hm 40.0 4 20.0 Hm 40.0 4 20.0 Hm 40.0 4 20.0 Hm 50.0 3 3 50.0 3 3 50.0 3 3 50.0 3 3 50.0 3 3 50.0 3 3 50.0 3 3 50.0 3 3 50.0 3 3 50.0 3 3 5 3 3 6 3 3 70.0 2 3 3 8 3 1 2 9 3 1 2 2 1 1 N 1 2.401 838 GHz 0.663 dBm 3 3 1 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <t< td=""><td>00 RL RF Center Freq 2.3 Center Freq 2.3</td><td>er - Swept SA 50 Ω AC 57000000 GHz PN0: Fast IFGain:Low Set 9.07 dB</td><td>SENSE:PULSE</td><td>ALIGN.AUTO #Avg Type: RMS Avg Hold: 10/10</td><td>07:12:43 PMNov 27, 2017 TRACE 1 2 3 4 5 6 ТУРЕ М WWWWW DET P P P P P 2.316 263 GHz</td><td>Frequency</td></t<>	00 RL RF Center Freq 2.3 Center Freq 2.3	er - Swept SA 50 Ω AC 57000000 GHz PN0: Fast IFGain:Low Set 9.07 dB	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 10/10	07:12:43 PMNov 27, 2017 TRACE 1 2 3 4 5 6 ТУРЕ М WWWWW DET P P P P P 2.316 263 GHz	Frequency
20.0 -20.65 gen -30.0 -20.65 gen -40.0 -44 -40.0 -44 -50.0 -33 -60.0 -33 -70.0 -33 Start 2.31000 GHz -33 #KR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VIDTH FUNCTION VIDTH 9 -40.0	Center Freq 2.3 Center Freq 2.3 Ref Off 10 dB/div Ref 20	er - Swept SA 50 Ω AC 57000000 GHz PN0: Fast IFGain:Low Set 9.07 dB	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 10/10	07:12:43 PMNov 27, 2017 TRACE 1 2 3 4 5 6 ТУРЕ М WWWWW DET P P P P P 2.316 263 GHz	Frequency Auto Tune
-300 -40.0 -4 -4 -50.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -30.0 -40.0 -40.0 -30.0<	Rt Rf Center Freq 2.3: Ref Off: 10 dB/div Ref 20 10.0 10.0	er - Swept SA 50 Ω AC 57000000 GHz PN0: Fast IFGain:Low Set 9.07 dB	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 10/10	07:12:43 PMNov 27, 2017 TRACE 1 2 3 4 5 6 ТУРЕ М WWWWW DET P P P P P 2.316 263 GHz	Frequency Auto Tune Center Free
40.0 3 2 -60.0 3 2 -60.0 3 2 -60.0 3 2 -70.0 - - Start 2.31000 GHz #VBW 300 kHz Stop 2.40400 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.40400 GHz 9.400000 GHz - - 1 N f 2.401 838 GHz - 2 N f 2.400 000 GHz - 3 N f 2.316 263 GHz - 4 N f 2.316 263 GHz - - 7 - - - - - 7 - - - - - 1 N f 2.316 263 GHz - - 3 N	OU RL RF Center Freq 2.3: Ref Off: 10 dB/div Ref Off: 10 dB/div Ref 20 10.0	er - Swept SA 50 Ω AC 57000000 GHz PN0: Fast IFGain:Low Set 9.07 dB	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 10/10	07:12:43 PMNov 27, 2017 TRACE [1 2 3 4 5 6 TYPE M WWWWW DET P P P P P 2.316 263 GHz -48.584 dBm	Frequency Auto Tune Center Free
-50.0 3 2 -60.0 3 3 2 -60.0 -70.0 -	OU RL RF Center Freq 2.3: Ref Off: 10 dB/div Ref Off: 10.0	er - Swept SA 50 Ω AC 57000000 GHz PN0: Fast IFGain:Low Set 9.07 dB	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 10/10	07:12:43 PMNov 27, 2017 TRACE [1 2 3 4 5 6 TYPE M WWWWW DET P P P P P 2.316 263 GHz -48.584 dBm	Frequency Auto Tune Center Free 2.357000000 GH: Start Free
-60.0 -70.0 <td< td=""><td>RL RF Center Freq 2.3: Ref Off: 10 dB/div Ref 20 10.0 </td><td>er - Swept SA 50 Ω AC 57000000 GHz PN0: Fast IFGain:Low Set 9.07 dB</td><td>SENSE:PULSE</td><td>ALIGN.AUTO #Avg Type: RMS Avg Hold: 10/10</td><td>07:12:43 PMNov 27, 2017 TRACE [1 2 3 4 5 6 TYPE MWWWW DET P P P P P 2.316 263 GHz -48.584 dBm -20.66 #Em</td><td>Frequency Auto Tune Center Free 2.357000000 GH: Start Free</td></td<>	RL RF Center Freq 2.3: Ref Off: 10 dB/div Ref 20 10.0	er - Swept SA 50 Ω AC 57000000 GHz PN0: Fast IFGain:Low Set 9.07 dB	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 10/10	07:12:43 PMNov 27, 2017 TRACE [1 2 3 4 5 6 TYPE MWWWW DET P P P P P 2.316 263 GHz -48.584 dBm -20.66 #Em	Frequency Auto Tune Center Free 2.357000000 GH: Start Free
TO.0 Story 2.40400 GHz #Res BW 100 GHz #VBW 300 kHz Sweep 9.067 ms (8001 pts) MKR MODE TRC SCL X Y FUNCTION FUNCTION VIDTH FUNCTION VALUE 1 N f 2.401 838 GHz -0.663 dBm	DZ RL RF Center Freq 2.3: Ref Off: 10 dB/div Ref Off: 10.0	er - Swept SA S0 Ω AC 57000000 GHz PN0: Fast ↔ IFGain:Low set 9.07 dB 0.00 dBm	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 Mkr4	07:12:43 PMNov 27, 2017 TRACE [1 2 3 4 5 6 TYPE [M WWWW DET P P P P P 2.316 263 GHz -48.584 dBm -20.66 pEm -20.66 pEm	Frequency Auto Tune Center Free 2.357000000 GH: 2.310000000 GH:
#Res BW 100 kHz #VBW 300 kHz Sweep 9.067 ms (8001 pts) 9.400000 MHz MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE Auto Mar 1 N f 2.401 838 GHz -0.663 dBm Auto Mar 2 N f 2.400 000 GHz -51.604 dBm File File <td>OZ RL RF Center Freq 2.3: Ref Off: 10 dB/div Ref Off: 10.0 </td> <td>er - Swept SA S0 Ω AC 57000000 GHz PN0: Fast ↔ IFGain:Low set 9.07 dB 0.00 dBm</td> <td>SENSE:PULSE</td> <td>ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 Mkr4</td> <td>07:12:43 PMNov 27, 2017 TRACE [1 2 3 4 5 6 TYPE [M WWWW DET P P P P P 2.316 263 GHz -48.584 dBm -20.66 pEm -20.66 pEm</td> <td>Frequency Auto Tune Center Free 2.357000000 GH: 2.310000000 GH: Stop Free</td>	OZ RL RF Center Freq 2.3: Ref Off: 10 dB/div Ref Off: 10.0	er - Swept SA S0 Ω AC 57000000 GHz PN0: Fast ↔ IFGain:Low set 9.07 dB 0.00 dBm	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 Mkr4	07:12:43 PMNov 27, 2017 TRACE [1 2 3 4 5 6 TYPE [M WWWW DET P P P P P 2.316 263 GHz -48.584 dBm -20.66 pEm -20.66 pEm	Frequency Auto Tune Center Free 2.357000000 GH: 2.310000000 GH: Stop Free
#Res BW 100 kHz #VBW 300 kHz Sweep 9.067 ms (8001 pts) 9.400000 MHz MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE Auto Mar 1 N f 2.401 838 GHz -0.663 dBm Auto Mar 2 N f 2.400 000 GHz -51.604 dBm File File <td>XI RF Center Freq 2.3: Center Freq 2.3: Ref Off: 10 dB/div Ref Off: 10.0 Ref 20 -20.0 Ref 20 -30.0 Ref 20 -60.0 Ref 20</td> <td>er - Swept SA S0 Ω AC 57000000 GHz PN0: Fast ↔ IFGain:Low set 9.07 dB 0.00 dBm</td> <td>SENSE:PULSE</td> <td>ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 Mkr4</td> <td>07:12:43 PMNov 27, 2017 TRACE [1 2 3 4 5 6 TYPE [M WWWW DET P P P P P 2.316 263 GHz -48.584 dBm -20.66 pEm -20.66 pEm</td> <td>Frequency Auto Tune Center Free 2.357000000 GH: 2.310000000 GH: Stop Free</td>	XI RF Center Freq 2.3: Center Freq 2.3: Ref Off: 10 dB/div Ref Off: 10.0 Ref 20 -20.0 Ref 20 -30.0 Ref 20 -60.0 Ref 20	er - Swept SA S0 Ω AC 57000000 GHz PN0: Fast ↔ IFGain:Low set 9.07 dB 0.00 dBm	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 Mkr4	07:12:43 PMNov 27, 2017 TRACE [1 2 3 4 5 6 TYPE [M WWWW DET P P P P P 2.316 263 GHz -48.584 dBm -20.66 pEm -20.66 pEm	Frequency Auto Tune Center Free 2.357000000 GH: 2.310000000 GH: Stop Free
MKR MUDE FILE X Y FUNCTION FUNCTION FUNCTION VALUE X 1 N f 2.401838 GHz -0.663 dBm -	Ref Ref 10 dB/div Ref Off: 10 dB/div Ref Off: 10.0	er - Swept SA S0 Ω AC 57000000 GHz PN0: Fast →→ IFGain:Low Set 9.07 dB 0.00 dBm	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 Mkr4	07:12:43 PMNov 27, 2017 TRACE [1 2 3 4 5 6 TYPE M 4444444 P P P P P P 2.316 263 GHz -48.584 dBm -20.66 JEm -20.66 JEm -20.66 JEm -20.66 JEm	Frequency Auto Tune Center Freq 2.357000000 GH: 2.310000000 GH: 2.404000000 GH:
2 N f 2.400 000 GHz -51.604 dBm 3 N f 2.390 000 GHz -53.737 dBm 4 N f 2.316 263 GHz -48.584 dBm 0 Hz 5 - - - - 0 Hz 6 - - - - - 0 Hz 7 - - - - - - 0 Hz 8 - - - - - - - - - - - - - - 0 Hz - - - - - 0 Hz 0 Hz 0 Hz 0 Hz - 0 Hz - <	Ref Center Freq 2.3: 10 dB/div Ref Off: 10 dB/div Ref Off: 10.0	er - Swept SA S0 Ω AC 57000000 GHz PN0: Fast →→ IFGain:Low Set 9.07 dB 0.00 dBm	SENSE:PULSE	ALIGN AUTO	07:12:43 PMNov 27, 2017 TRACE [1 2 3 4 5 6 TYPE [M WWWWW DET P P P P P 2.316 263 GHz -48.584 dBm -20.66 Fm -20.66 Fm -20.67	Frequency Auto Tune Center Freq 2.357000000 GH; Start Freq 2.310000000 GH; Stop Freq 2.404000000 GH; 9.400000 MH;
4 N f 2.316 263 GHz -48.584 dBm 0 Hz 6 - - - - - - 0 Hz 7 - - - - - - - - 0 Hz 9 - - - - - - - - 0 Hz 10 -	Ref Ref Center Freq 2.3: 10 B/div Ref 10.0 Ref 0ff: -20.0 Ref 0ff: -30.0 Ref 0ff: -50.0 Ref 0ff: -60.0 Ref 0ff: -70.0 Start 2.31000 GH #Res BW 100 KH:	er - Swept SA S0 Ω AC 57000000 GHz PN0: Fast → IFGain:Low Set 9.07 dB 0.00 dBm 	SENSE:PULSE - Trig: Free Run #Atten: 30 dB 	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 Mkr4	07:12:43 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE M WWWW DET P P P P P 2.316 263 GHz -48.584 dBm -2068 En -2068 En	Frequency Auto Tune Center Freq 2.357000000 GH; Start Freq 2.310000000 GH; Stop Freq 2.404000000 GH; 9.400000 MH;
	RL RF Center Freq 2.3: Ref Off: 10 dB/div Ref Off: 10.0	er - Swept SA S0 Ω AC FRO: Fast PN0: Fast PN0: Fast PN0: Fast For 9.07 dB 0.00 dBm From 100 From	SENSE: PULSE Trig: Free Run #Atten: 30 dB	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 Mkr4	07:12:43 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE M WWWW DET P P P P P 2.316 263 GHz -48.584 dBm -2068 En -2068 En	Frequency Auto Tune Center Frequency 2.357000000 GH: Start Frequency 2.310000000 GH: Stop Frequency 2.404000000 GH: 9.400000 GH: Auto
8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10	XX RF Center Freq 2.3: Ref Off: 10 dB/div Ref Off: 10.0	er - Swept SA S0 Ω AC 57000000 GHz PN0: Fast →→ IFGain:Low Set 9.07 dB 0.00 dBm 	SENSE: PULSE Trig: Free Run #Atten: 30 dB	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 Mkr4	07:12:43 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE M WWWW DET P P P P P 2.316 263 GHz -48.584 dBm -2068 En -2068 En	Frequency Auto Tune Center Frec 2.357000000 GH: Start Frec 2.310000000 GH: Stop Frec 2.404000000 GH: CF Step 9.400000 MH: Auto Mar
	XI RF Center Freq 2.3: Ref Off: 10 dB/div Ref Off: 10.0	er - Swept SA S0 Ω AC 57000000 GHz PN0: Fast →→ IFGain:Low Set 9.07 dB 0.00 dBm 	SENSE: PULSE Trig: Free Run #Atten: 30 dB	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 Mkr4	07:12:43 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE M WWWW DET P P P P P 2.316 263 GHz -48.584 dBm -2068 En -2068 En	Frequency Auto Tune Center Frec 2.357000000 GH: Start Frec 2.310000000 GH: Stop Frec 2.404000000 GH: CF Step 9.400000 MH: Auto Mar
	XX RF Center Freq 2.3: Ref Off: 10 dB/div Ref Off: 10.0 Ref Off: -0.0 Ref Off: -10.0 Ref Off: -20.0 Ref Off: -30.0 -44 -60.0 -44 -60.0 -44 -60.0 -44 -60.0 -44 -60.0 -44 -60.0 -44 -60.0 -44 -60.0 -41 -70.0 -41 Start 2.31000 GH f 3 7 6 3 7 7 3 7 7 3 7 7 3 7 7 4 7 7<	er - Swept SA S0 Ω AC 57000000 GHz PN0: Fast →→ IFGain:Low Set 9.07 dB 0.00 dBm 	SENSE: PULSE Trig: Free Run #Atten: 30 dB	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 Mkr4	07:12:43 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE M WWWW DET P P P P P 2.316 263 GHz -48.584 dBm -2068 En -2068 En	Frequency Auto Tune Center Frec 2.357000000 GH: Start Frec 2.310000000 GH: Stop Frec 2.404000000 GH: CF Step 9.400000 MH: Auto Mar



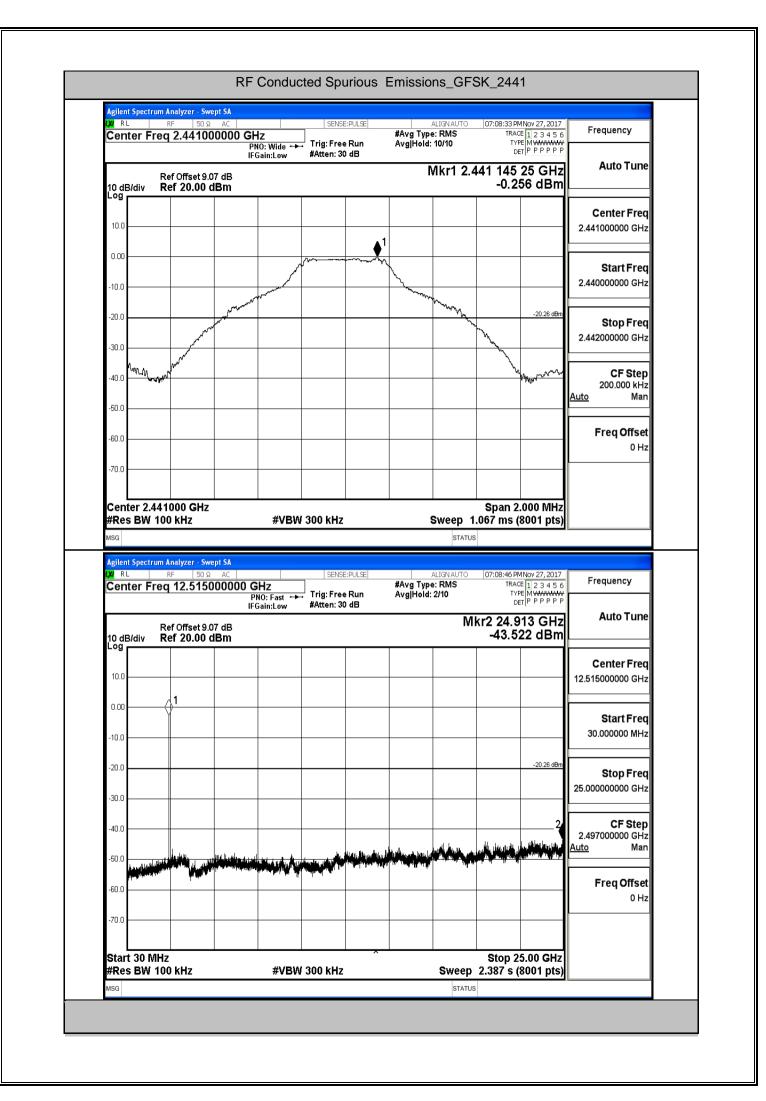


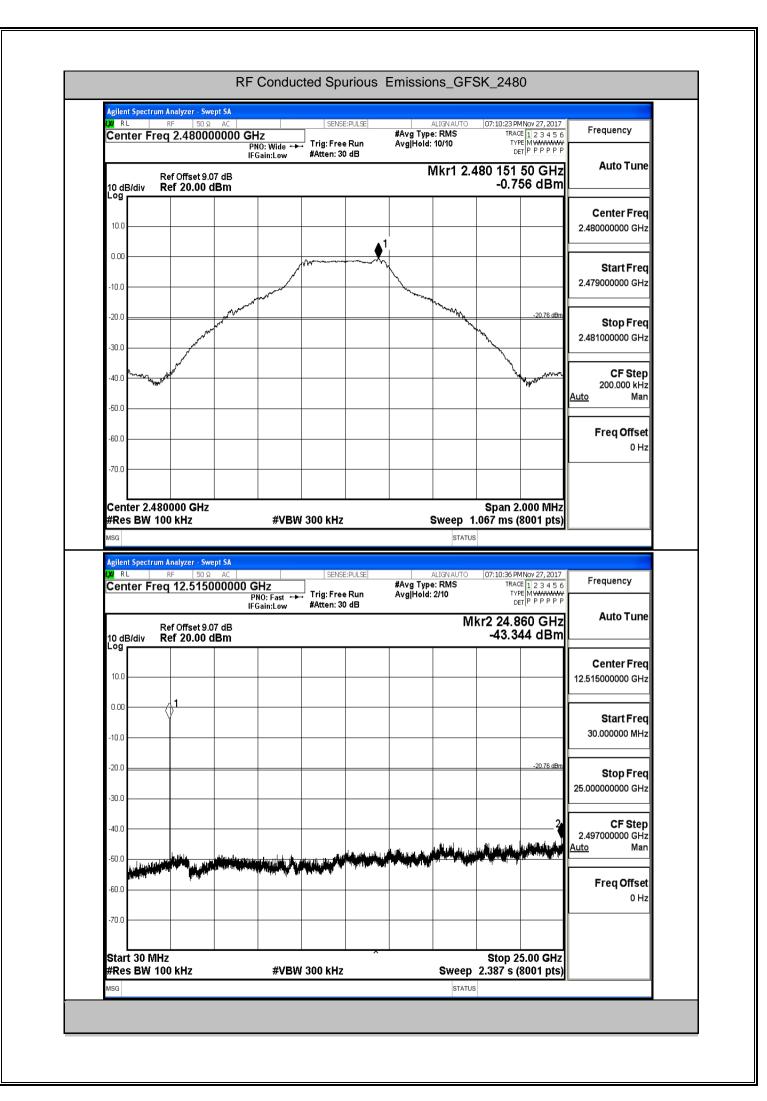
Agilent Spectrum Analyzer - Sw (X/ RL RF 50 ຄ		SENSE:PULSE		38:13 PM Nov 27, 2017	
Center Freq 2.4835	PNO: Fast +++ Trig:	Free Run Avg Hol	pe: RMS d: 10/10	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P	Frequency
Ref Offset 9.	IFGain:Low #Atte	n: 30 dB		212 5 GHz 8.375 dBm	Auto Tun
10 dB/div Ref 20.00					
					Center Free 2.483500000 GH;
-10.0	and many hard the prover and prosty the				
-20.0				-20.92 dBm	Start Free
-30.0		4 0 04			2.453500000 GHz
-50.0					
-60.0					Stop Fred 2.513500000 GHz
-70.0				<u> </u>	2.515500000 GH2
Center 2.48350 GHz	<u> </u>	<u> </u>	Sp	an 60.00 MHz	CF Step
#Res BW 100 kHz	#VBW 300 k		Sweep 5.867		6.000000 MHz <u>Auto</u> Man
MKR MODE TRC SCL		3 dBm	JNCTION WIDTH	FUNCTION VALUE	
2 N f 3 N f 4 N f	2.500 000 0 GHz -50.45	8 dBm 3 dBm 5 dBm			Freq Offset
5	2.430 212 0 6112 40.07				0 Hz
7					
9					
11				×	
MSG			STATUS		
Band-e	dge for RF Conducte	ed Emissions 8-	DPSK 2480	Hopping Of	ff
Agilent Spectrum Analyzer - Sw	ant SA				
<mark>(X/</mark> RL RF 50 Ω	AC	SENSE:PULSE	ALIGNAUTO 07:2	23:03 PM Nov 27, 2017 TRACE 1 2 3 4 5 6	Frequency
Center Freq 2.4890	PNO: Fast +++ Trig:	Free Run Avg Hol		TYPE MWWWWW - DET P P P P P P	
Ref Offset 9. 10 dB/div Ref 20.00	07 dB		Mkr4 2.486 -4	423 25 GHz 8.682 dBm	Auto Tune
10.0					Center Freq
					2.489000000 GHz
-10.0				I	
-20.0				-21.44.dBm	Start Freq
-20.0					Start Freq 2.478000000 GHz
-20.0				3/	
-20.0 -30.0 -40.0	2 4 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			3/	2.478000000 GHz Stop Freq
-20.0 -30.0 -40.0 -50.0			my to some where the source of	3/	2.478000000 GHz Stop Freq
-20.0 -30.0 -40.0 -50.0 -60.0			Stop	3 ************************************	2.478000000 GHz Stop Frec 2.50000000 GHz
-20.0 -30.0 -40.0 -50.0 -60.0 -70.0	2 4 ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			3 	2.478000000 GHz Stop Freq 2.50000000 GHz CF Step 2.200000 MHz
-20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 2.47800 GHz #Res BW 100 kHz MKR MODE TRC SCL	#WBW 300 k	KHZ	Stop Sweep 2.133	3 	2.478000000 GHz Stop Frec 2.50000000 GHz CF Step 2.200000 MHz
-20.0 -30.0 -40.0 -50.0 -70.0 Start 2.47800 GHz #Res BW 100 kHz MKR MODE TRC SCL 1 N f 2 N f	#VBW 300 k	KHz	Stop Sweep 2.133	3 	2.478000000 GHz Stop Frec 2.500000000 GHz 2.50000000 GHz 2.200000 MHz <u>Auto</u> Mar
-20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 2.47800 GHz #Res BW 100 kHz MKR MODE TRC SCL 1 N f 2 N f 3 N f	#WBW 300 k #VBW 300 k 2.480 156 00 GHz 2.483 500 00 GHz 2.500 000 00 GHz 51.77 2.500 000 00 GHz	KHZ 4 dBm 9 dBm	Stop Sweep 2.133	3 	2.478000000 GHz Stop Freq 2.500000000 GHz CF Step 2.200000 MHz Auto Man Freq Offset
-20.0 -30.0 -40.0 -50.0 -50.0 -60.0 -70.0 Start 2.47800 GHz #Res BW 100 kHz MKR MODE TRC SCL 1 N f 2 N f 3 N f 4 N f	#WBW 300 k #VBW 300 k 2.480 156 00 GHz 2.483 500 00 GHz 2.500 000 00 GHz 51.77 2.500 000 00 GHz	KHz FUNCTION FI 4 dBm 9 9 dBm 9 8 dBm 9	Stop Sweep 2.133	3 	2.478000000 GHz Stop Freq 2.50000000 GHz CF Step 2.200000 MHz
-20.0 -30.0 -40.0 -50.0 -50.0 -50.0 -70.0 Start 2.47800 GHz #Res BW 100 kHz MKR MODE TRC SCL 1 N f 3 N f 4 N f 5 6	#WBW 300 k #VBW 300 k 2.480 156 00 GHz 2.483 500 00 GHz 2.500 000 00 GHz 51.77 2.500 000 00 GHz	KHz FUNCTION FI 4 dBm 9 9 dBm 9 8 dBm 9	Stop Sweep 2.133	3 	2.478000000 GHz Stop Freq 2.500000000 GHz CF Step 2.200000 MHz Auto Man Freq Offset

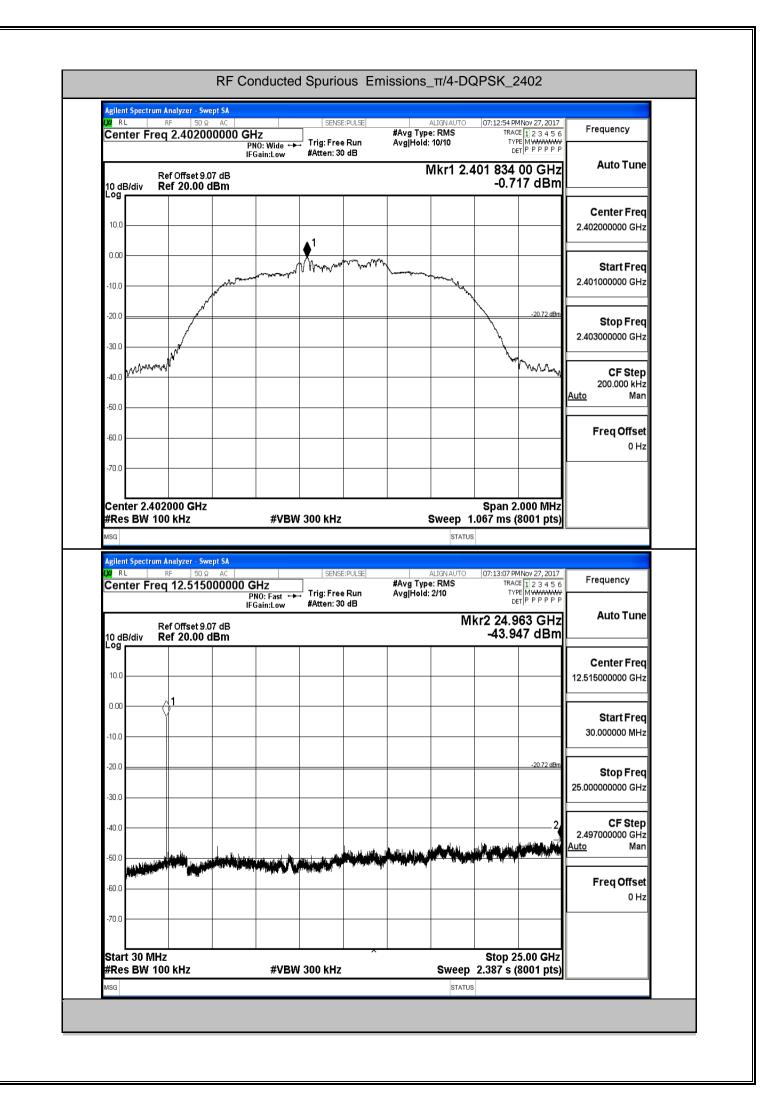
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	2402	30	25000	100	300	-0.485	-43.209	<- 20.485	PASS
GFSK	2441	30	25000	100	300	-0.256	-43.522	<- 20.256	PASS
	2480	30	25000	100	300	-0.756	-43.344	<- 20.756	PASS
	2402	30	25000	100	300	-0.717	-43.947	<- 20.717	PASS
π/4- DQPSK	2441	30	25000	100	300	-0.943	-42.379	<- 20.943	PASS
	2480	30	25000	100	300	-1.468	-43.290	<- 21.468	PASS
	2402	30	25000	100	300	-0.704	-43.092	<- 20.704	PASS
8-DPSK	2441	30	25000	100	300	-0.88	-43.489	<-20.88	PASS
	2480	30	25000	100	300	-1.488	-43.664	<- 21.488	PASS

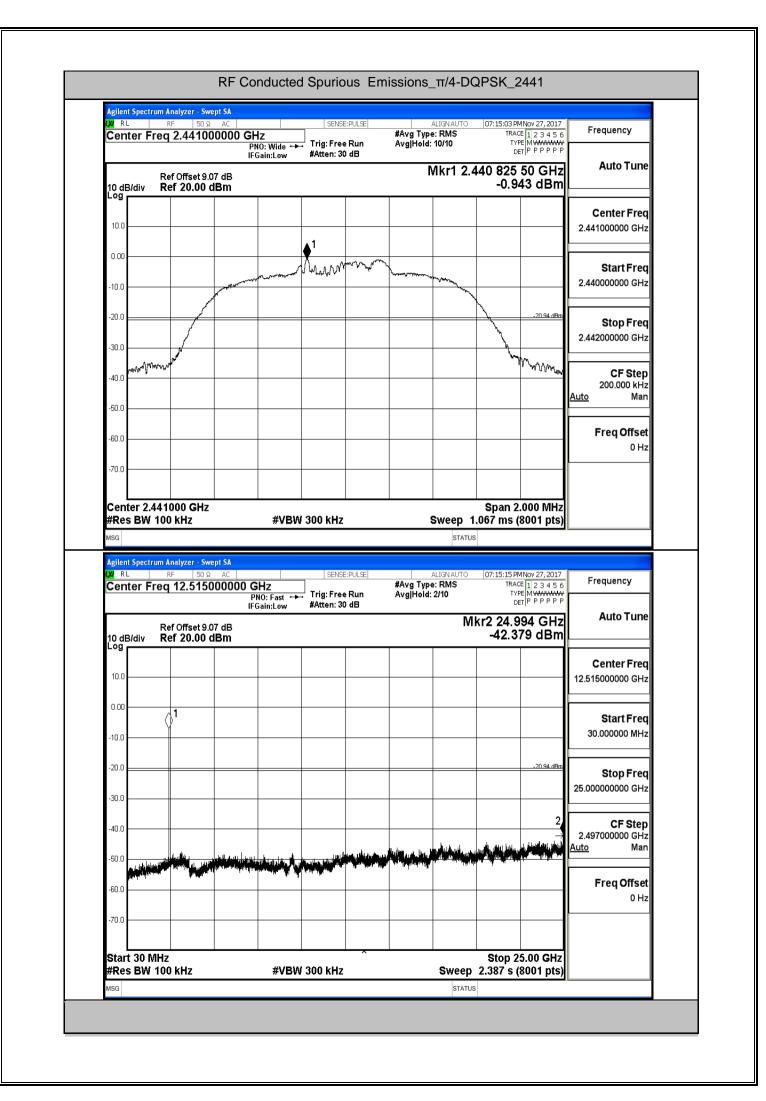
A.7 RF Conducted Spurious Emissions

	ım Analyzer - Swept S					
Center Fr	RF 50 Ω A req 2.4020000	c IOO GHz PNO: Wide ↔ IFGain:Low	SENSE:PULSE	ALIGN AUTO #Avg Type: RMS Avg Hold: 10/10	07:06:29 PMNov 27, 2017 TRACE 1 2 3 4 5 TYPE MWWWW DET P P P P P	Frequency
10 dB/div	Ref Offset 9.07 d Ref 20.00 dBr	В	Pricent of the	Mkr1 2.4	401 994 00 GH: -0.485 dBm	Auto Tune
10.0						Center Freq 2.402000000 GHz
0.00		/*	1 1			Start Freq 2.401000000 GHz
-10.0		North Contraction		and the second s	-20.49 dBr	
-30.0				^		Stop Freq 2.403000000 GHz
-40.0 -40.0					hange and the second	CF Step 200.000 kHz Auto Man
-50.0						Freq Offset
-70.0						-
	02000 GHz 100 kHz	#VBV	V 300 kHz	Sweep 1	Span 2.000 MH 1.067 ms (8001 pts s	z)
#Res BW ^{MSG} Agilent Spectru	100 kHz ım Analyzer - Swept S	Â		STATUS	1.067 ms (8001 pts s	
#Res BW MSG Agilent Spectru (X) RL	100 kHz	A C	SENSE:PULSE		1.067 ms (8001 pts	7 6 Frequency
#Res BW Msg Agilent Spectro W RL Center Fr 10 dB/div	100 kHz Im Analyzer - Swept S RF 50 Ω A	A C DOOO GHz PNO: Fast ↔ IFGain:Low	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg[Hold: 2/10	I.067 ms (8001 pts s 07:06:41 PMNov 27, 2017 TRACE 1 2 3 4 5	Frequency
#Res BW MSG Agilent Spectro M RL Center Fr	100 kHz m Analyzer - Swept S RF 50 Q A req 12.515000 Ref Offset 9.07 d Ref 20.00 dBr	A C DOOO GHz PNO: Fast ↔ IFGain:Low	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg[Hold: 2/10	I.067 ms (8001 pts s 07:06:41 PMNov 27, 2017 TRACE 1 2 3 4 5 TYPE MWWWW DET P P P P	Frequency
#Res BW Agilent Spectro Advice Center Fr Center Fr 10 dB/div Log 0.00	100 kHz m Analyzer - Swept S RF 50 Ω A eq 12.515000 Ref Offset 9.07 d	A C DOOO GHz PNO: Fast ↔ IFGain:Low	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg[Hold: 2/10	I.067 ms (8001 pts s 07:06:41 PMNov 27, 2017 TRACE 1 2 3 4 5 TYPE MWWWW DET P P P P) Frequency Auto Tune Center Freq
#Res BW MSG Agilent Spectro Center Fr 10 dB/div Log 10.0	100 kHz m Analyzer - Swept S RF 50 Q A req 12.515000 Ref Offset 9.07 d Ref 20.00 dBr	A C DOOO GHz PNO: Fast ↔ IFGain:Low	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg[Hold: 2/10	I.067 ms (8001 pts s 07:06:41 PMNov 27, 2017 TRACE 1 2 3 4 5 TYPE MWWWW DET P P P P) Frequency Auto Tune Center Freq 12.515000000 GHz Start Freq 30.000000 MHz
#Res BW Agilent Spectro Val RL Center Fr 10 dB/div Log 10.0 -10.0	100 kHz m Analyzer - Swept S RF 50 Q A req 12.515000 Ref Offset 9.07 d Ref 20.00 dBr	A C DOOO GHz PNO: Fast ↔ IFGain:Low	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg[Hold: 2/10	I.067 ms (8001 pts s 07:06:41 PMNov 27, 2017 TRACE [12:34 5 TYPE MWWWW per P P P P P kr2 24.451 GH2 -43.209 dBm	7 Frequency 7 Auto Tune 7 Auto Tune 12.515000000 GHz Start Freq 30.000000 MHz Stop Freq 25.000000000 GHz Stop Freq
#Res BW Agilent Spectro XI RL Center Fr 10.0 0.00 -10.0 -20.0 -30.0 -40.0	100 kHz	A C PN0: Fast → IFGain:Low B n	SENSE:PULSE Trig: Free Run #Atten: 30 dB	ALIGNAUTO #Avg Type: RMS Avg Hold: 2/10 M	I.067 ms (8001 pts s 07:06:41 PMNov 27, 2017 TRACE [12:34 5 TYPE MWWWW per P P P P P kr2 24.451 GH2 -43.209 dBm) Frequency Auto Tune Center Freq 12.515000000 GHz Start Freq 30.000000 MHz
#Res BW Agilent Spectro XI Center Fr 10.0 0.00 -10.0 -20.0 -30.0	100 kHz	A C DOOO GHz PNO: Fast ↔ IFGain:Low	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg Hold: 2/10 M	I.067 ms (8001 pts s 07:06:41 PMNov 27, 2017 TRACE [12:34 5 TYPE MWWWW per P P P P P kr2 24.451 GH2 -43.209 dBm	7 6 Frequency Auto Tune Auto Tune 12.51500000 GHz 12.515000000 GHz 30.000000 MHz 25.000000000 GHz 25.00000000 GHz Auto Tune CF Step 2.49700000 GHz Man Freq Offset Freq Offset
#Res BW Agilent Spectru Center Fr 10.0 10.0 -10.0 -20.0 -30.0 -40.0 -50.0	100 kHz	A C PN0: Fast → IFGain:Low B n	SENSE:PULSE Trig: Free Run #Atten: 30 dB	ALIGNAUTO #Avg Type: RMS Avg Hold: 2/10 M	I.067 ms (8001 pts s 07:06:41 PMNov 27, 2017 TRACE [12:34 5 TYPE MWWWW per P P P P P kr2 24.451 GH2 -43.209 dBm	Frequency Auto Tune Center Freq 12.515000000 GHz Start Freq 30.000000 MHz Stop Freq 25.00000000 GHz CF Step 2.497000000 GHz Auto

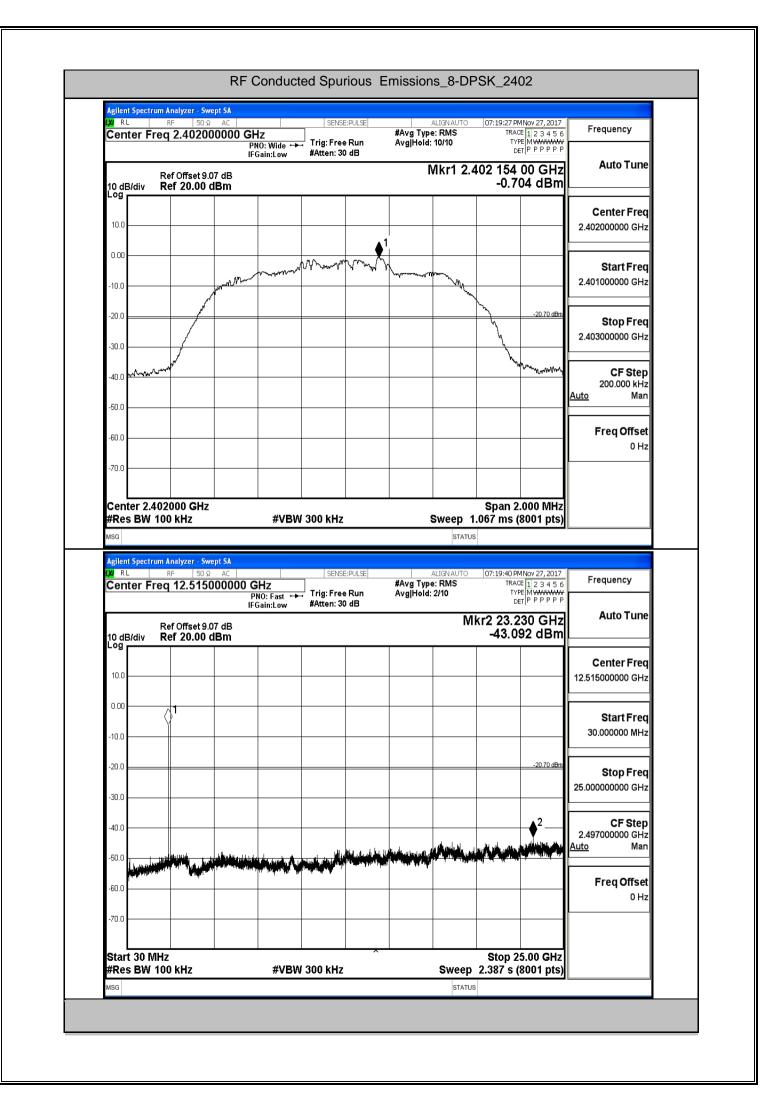


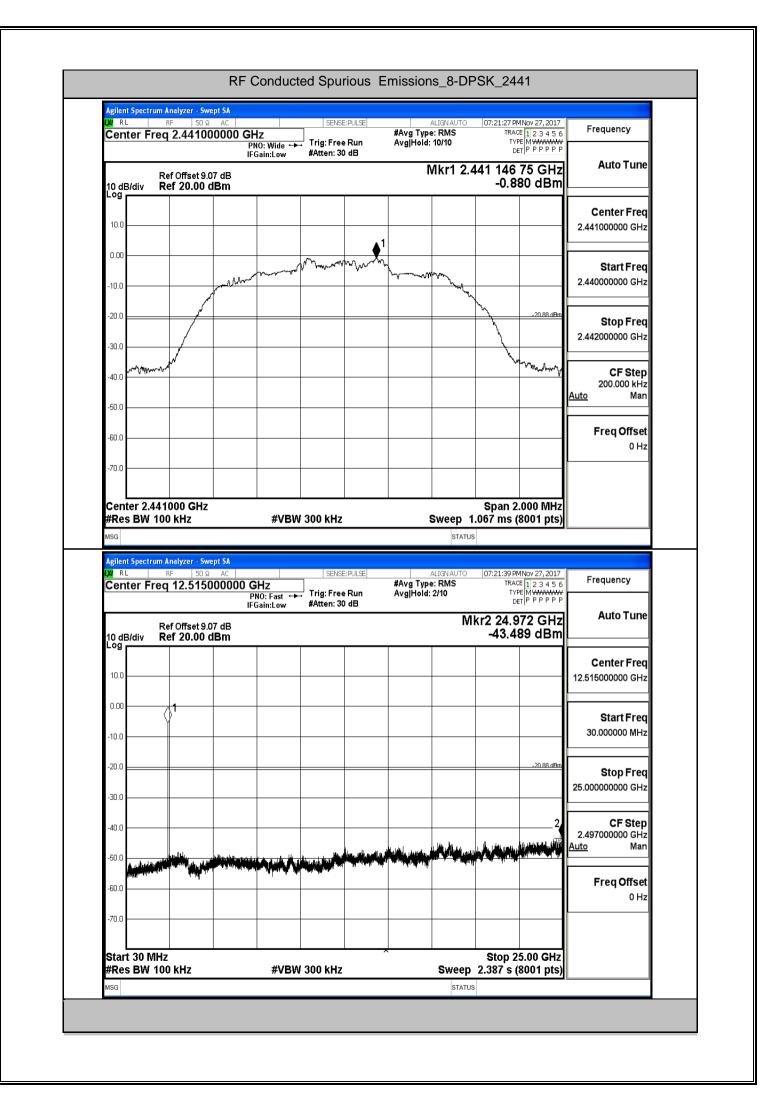


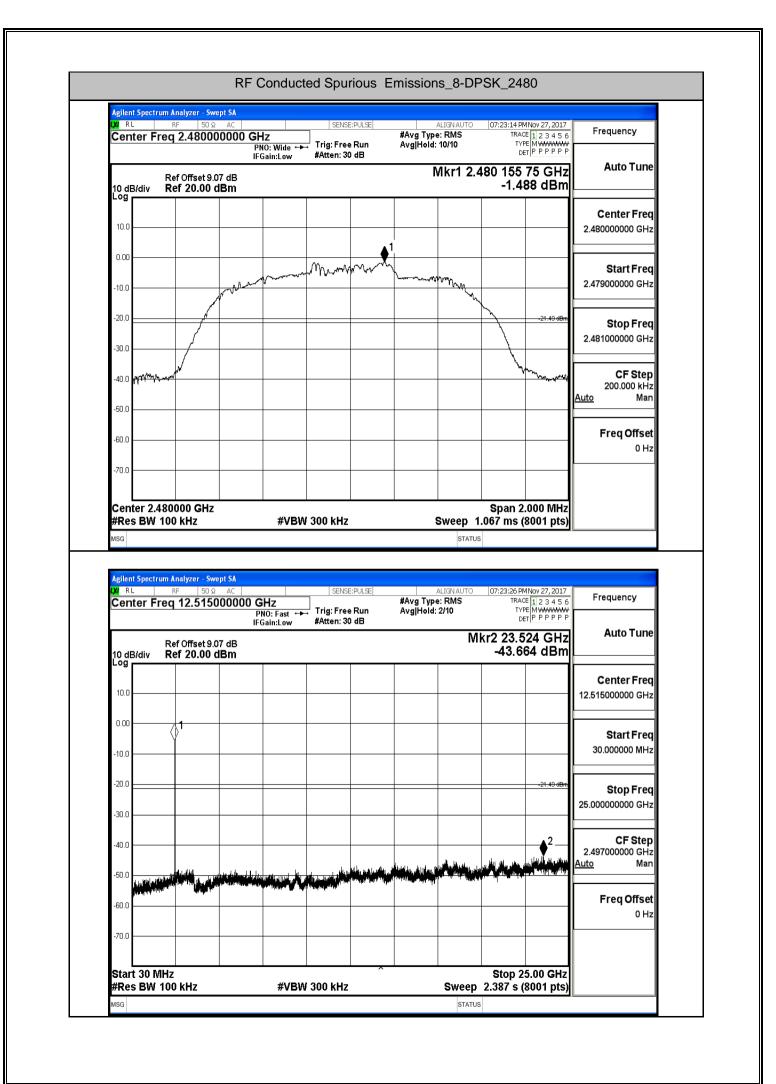




KI RL	ctrum Analyzer - RF 5 Freq 2.480	DΩ AC	-lz	SENSE	E:PULSE	#Avg Type		TRAC	MNov 27, 2017 E 1 2 3 4 5 6	Frequency
		P	 NO: Wide ↔ Gain:Low	≓ Trig: Free #Atten: 30		Avg Hold:	10/10	TYI Di		
	Ref Offset					N	1kr1 2.4	479 831	75 GHz 68 dBm	Auto Tune
l0 dB/div - ^{og}	Ref 20.0	0 dBm						-1.4		
10.0										Center Freq 2.480000000 GHz
				▲ 1						2.40000000 0112
0.00				Munnard	man					Start Freq
-10.0			an a		,					2.479000000 GHz
-20.0		4						\	-21.47 dBm	Stop From
								N		Stop Freq 2.481000000 GHz
-30.0	w							\	Ϋ́n	
-40.0 \40.4	nghinningan da								hungman -	CF Step 200.000 kHz
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Contor	2.480000 GH							Enan 2	.000 MHz	
	2.400000 01							opanz	.000 191112	
	N 100 kHz	-	#VBW	/ 300 kHz		S	weep 1	.067 ms (8001 pts)	
		-	#VBW	/ 300 kHz		S	Sweep 1	1	8001 pts)	
#Res B\ ^{ASG} Agilent Spe	N 100 kHz ctrum Analyzer -	Swept SA	#VBW		E:PULSE		STATUS	07:17:17 P	MNov 27, 2017	
#Res B) ^{Asg} Agilent Spe X/ RL	N 100 kHz ctrum Analyzer -	Swept SA D Q AC 5000000 G	Hz	SENSE	E:PULSE		STATUS	07:17:17 Pf	MNov 27, 2017 ≆ 1 2 3 4 5 6	Frequency
#Res B) ^{Asg} Agilent Spe X/ RL	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51	Swept SA D Q AC 5000000 G P IFi		SENSE	E:PULSE	A #Avg Type	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI	MNov 27, 2017 E 1 2 3 4 5 6 MWWWW FT P P P P P	Frequency
#Res Bi Misci Agilent Spe X/ RL Center 10 dB/div	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Ω AC 5000000 G P IFI 9.07 dB	SHz NO: Fast ↔	SENSE	E:PULSE	A #Avg Type	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 ≆ 1 2 3 4 5 6	Frequency Auto Tune
#Res Bi Misci Agilent Spe X/ RL Center 10 dB/div	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Ω AC 5000000 G P IFI 9.07 dB	SHz NO: Fast ↔	SENSE	E:PULSE	A #Avg Type	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 E 12 3 4 5 6 PE MWWWW FT P P P P P P 047 GHz	Frequency Auto Tune
#Res Bi Misci Agilent Spe X/ RL Center 10 dB/div	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Ω AC 5000000 G P IFI 9.07 dB	SHz NO: Fast ↔	SENSE	E:PULSE	A #Avg Type	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 E 12 3 4 5 6 PE MWWWW FT P P P P P P 047 GHz	Frequency Auto Tune
#Res Bl Agilent Spe XI RL Center	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Ω AC 5000000 G P IFI 9.07 dB	SHz NO: Fast ↔	SENSE	E:PULSE	A #Avg Type	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 E 12 3 4 5 6 PE MWWWW FT P P P P P P 047 GHz	Frequency Auto Tune Center Freq 12.515000000 GHz
#Res B} Asg Agglent Spe XI RL Center 10 dB/div 0 0 0.00	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Ω AC 5000000 G P IFI 9.07 dB	SHz NO: Fast ↔	SENSE	E:PULSE	A #Avg Type	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 E 12 3 4 5 6 PE MWWWW FT P P P P P P 047 GHz	Frequency Auto Tune Center Freq
#Res B) Asg Asg Aggient Spectra X RL Center 10.0	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Ω AC 5000000 G P IFI 9.07 dB	SHz NO: Fast ↔	SENSE	E:PULSE	A #Avg Type	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 E 1 2 3 4 5 6 MWAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Frequency Auto Tune Center Freq 12.51500000 GHz Start Freq
#Res B) Asg Asg Aggient Spectra X RL Center 10.0	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Ω AC 5000000 G P IFI 9.07 dB	SHz NO: Fast ↔	SENSE	E:PULSE	A #Avg Type	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 E 12 3 4 5 6 PE MWWWW FT P P P P P P 047 GHz	Frequency Auto Tune Center Freq 12.51500000 GHz Start Freq 30.000000 MHz Stop Freq
Agilent Spe Agilent Spe XI RL Center	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Ω AC 5000000 G P IFI 9.07 dB	SHz NO: Fast ↔	SENSE	E:PULSE	A #Avg Type	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 E 1 2 3 4 5 6 MWAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Frequency Auto Tune Center Freq 12.515000000 GHz Start Freq 30.000000 MHz
#Res B) #sg Agilent Spe 20 dB/div 10.0 -10.0 -20.0	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Ω AC 5000000 G P IFI 9.07 dB	SHz NO: Fast ↔	SENSE	E:PULSE	A #Avg Type	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 E 1 2 3 4 5 6 MWAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Frequency Auto Tune Center Freq 12.51500000 GHz Start Freq 30.000000 MHz Stop Freq 25.000000000 GHz
#Res B) Asid Agilent Spe Agilent Spe XI RL Center 10.0 -10.0 -20.0 -30.0 -40.0	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Q AC 5000000 G P IFI 9.07 dB 0 dBm	SHz N0: Fast ↔ Gain:Low	SENSE	E:PULSE	Avg Type Avg Hold: :	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 E 1 2 3 4 5 6 MWAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Frequency Auto Tune Center Freq 12.515000000 GHz Start Freq 30.000000 MHz Stop Freq 25.00000000 GHz
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#Res B} Asg Agglent Spe Magglent Spe Magglent Spe Magglent Spe 10 dB/div Center 10.0 -10.0 -20.0 -30.0 -40.0	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Q AC 5000000 G P IFI 9.07 dB 0 dBm	SHz N0: Fast ↔ Gain:Low	SENSE	E:PULSE	Avg Type Avg Hold: :	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 E 1 2 3 4 5 6 MWAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Frequency Auto Tune Center Freq 12.51500000 GHz Start Freq 30.000000 MHz Stop Freq 25.000000000 GHz CF Step 2.497000000 GHz
Arg Arg Arginal Spectrum Arginal Spectrum Arginal RL Center Center Arginal Spectrum 10.0	N 100 kHz ctrum Analyzer - RF 5 Freq 12.51 Ref Offset	Swept SA D Q AC 5000000 G P IFI 9.07 dB 0 dBm	SHz N0: Fast ↔ Gain:Low	SENSE	E:PULSE	Avg Type Avg Hold: :	LIGN AUTO : RMS 2/10	07:17:17 Pr TRAC TYI DI kr2 24. 9	MNov 27, 2017 E 1 2 3 4 5 6 MWAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Frequency Auto Tune Center Freq 12.51500000 GHz Start Freq 30.000000 MHz Stop Freq 25.00000000 GHz CF Step 2.497000000 GHz Auto Man
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Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-42.75	2.0	0	54.51	PEAK	74	PASS
	Off	2310.0	-53.11	2.0	0	44.15	AV	54	PASS
	Off	2390.0	-41.28	2.0	0	55.98	PEAK	74	PASS
GFSK	Off	2390.0	-52.86	2.0	0	44.40	AV	54	PASS
Gron	Off	2483.5	-43.07	2.0	0	54.19	PEAK	74	PASS
	Off	2483.5	-52.63	2.0	0	44.63	AV	54	PASS
	Off	2500.0	-41.61	2.0	0	55.65	PEAK	74	PASS
	Off	2500.0	-52.51	2.0	0	44.75	AV	54	PASS
	Off	2310.0	-41.34	2.0	0	55.92	PEAK	74	PASS
	Off	2310.0	-53.10	2.0	0	44.16	AV	54	PASS
	Off	2390.0	-41.37	2.0	0	55.89	PEAK	74	PASS
π/4-	Off	2390.0	-52.83	2.0	0	44.43	AV	54	PASS
DQPSK	Off	2483.5	-41.77	2.0	0	55.49	PEAK	74	PASS
	Off	2483.5	-52.58	2.0	0	44.68	AV	54	PASS
	Off	2500.0	-42.42	2.0	0	54.84	PEAK	74	PASS
	Off	2500.0	-52.50	2.0	0	44.76	AV	54	PASS
	Off	2310.0	-41.99	2.0	0	55.27	PEAK	74	PASS
	Off	2310.0	-53.10	2.0	0	44.16	AV	54	PASS
	Off	2390.0	-41.25	2.0	0	56.01	PEAK	74	PASS
8-DPSK	Off	2390.0	-52.88	2.0	0	44.38	AV	54	PASS
0-042K	Off	2483.5	-41.98	2.0	0	55.28	PEAK	74	PASS
	Off	2483.5	-52.53	2.0	0	44.73	AV	54	PASS
	Off	2500.0	-40.89	2.0	0	56.37	PEAK	74	PASS
	Off	2500.0	-52.48	2.0	0	44.78	AV	54	PASS

A.8 Restrict-band band-edge measurements

Agilent Spectrum Analyzer (X) RL RF Center Freq 2.35	50 Ω AC 2000000 GHz	SENSE:PULSE	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 10/10	07:06:59 PM Nov 27, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWWW	Frequency
Ref Offs	PNO: Fast IFGain:Low et 9.07 dB	→→ Trig: Free Run #Atten: 30 dB	-	2.390 000 GHz	Auto Tun
	.00 dBm			-41.283 dBm	
0.00				0	Center Free 2.352000000 GH
-10.0					2.35200000 GH
-20.0					Start Free
-30.0 -40.0	A land market have a state but a state		an a shafe and as fares the task a lat (At and , and the state of the state		2.300000000 GH
-50.0		an per sister and an			Stop Fre
-60.0					2.404000000 GH
Start 2.30000 GHz				Stop 2.40400 GHz	CE Stor
#Res BW 1.0 MHz		SW 3.0 MHz	Sweep 1	.067 ms (8001 pts)	
MKR MODE TRC SCL	× 2.401 868 GHz 2.310 000 GHz	0.172 dBm	JNCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N f 3 N f 4	2.310 000 GHz 2.390 000 GHz	-42.749 dBm -41.283 dBm			Freq Offse
5					0Н
7					
8					
9 10 11				· · · · · · · · · · · · · · · · · · ·	
9		m	STATUS		
9 10 11 MSG	t-band band-edg	ge measuremer		S	
9 10 11 MSG Restric		ge measuremer		S	
9 10 11 MSG Restric Agilent Spectrum Analyzer X RL RF	- Swept SA 50 Ω AC	ge measuremer		S GFSK_Avera	ge Frequency
9 10 11 MSG Restric	- Swept SA 50 Ω AC	SENSE:PULSE		s GFSK_Avera 07:07:10 PMNov 27, 2017	ge Frequency
9 10 11 KI Restric Agilent Spectrum Analyzer XI RL RF Center Freq 2.35 Ref Offs	- Swept SA 50 Ω AC 2000000 GHz PN0: Fast - IFGain:Low et 9.07 dB	SENSE:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 07:07:10 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P 2.390 000 GHz	ge Frequency Auto Tune
9 10 11 MSG Restric Agilent Spectrum Analyzer Agilent Spectrum Analyzer Center Freq 2.35 Ref Offs 10 dB/div Ref 20.	- Swept SA 50 Ω AC 2000000 GHz PNO: Fast - IFGain:Low	SENSE:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 07:07:10 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P	ge Frequency Auto Tune
9 10 11 NSG Restric Agilent Spectrum Analyzer VT RL RF Center Freq 2.35 10 dB/div Ref Offs 10 dB/div Ref 20.	- Swept SA 50 Ω AC 2000000 GHz PN0: Fast - IFGain:Low et 9.07 dB	SENSE:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 07:07:10 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P 2.390 000 GHz	ge Frequency Auto Tune Center Free
9 10 Restric Agient Spectrum Analyzer X RL RF Center Freq 2.35 Ref Offs 10 dB/div Ref 20. Log	- Swept SA 50 Ω AC 2000000 GHz PN0: Fast - IFGain:Low et 9.07 dB	SENSE:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 07:07:10 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P 2.390 000 GHz	ge Frequency Auto Tune
9 10 11 × × × × × × × × × × × × ×	- Swept SA 50 Ω AC 2000000 GHz PN0: Fast - IFGain:Low et 9.07 dB	SENSE:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 07:07:10 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P 2.390 000 GHz	ge Frequency Auto Tune Center Free 2.35200000 GH Start Free
9 10 11 MISG MISG Agilent Spectrum Analyzer () RL RF Center Freq 2.35 10 dB/div Ref 20. 10.0 0.00 10.0 -20.0 -30.0 -40.0	- Swept SA 50 Ω AC 2000000 GHz PN0: Fast - IFGain:Low et 9.07 dB	SENSE:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 07:07:10 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE MWWWW DET P P P P P 2.390 000 GHz -52.856 dBm ↓	ge Frequency Auto Tun Center Fre 2.35200000 GH Start Free
9 10 11 MSG Restric Agilent Spectrum Analyzer X RL RF Center Freq 2.35 Ref Offs 10 dB/div Ref 20. 10.0 10.0 -20.0 -30.0	- Swept SA 50 Ω AC 2000000 GHz PN0: Fast - IFGain:Low et 9.07 dB	SENSE:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 07:07:10 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P 2.390 000 GHz	ge Frequency Auto Tune Center Free 2.352000000 GH Start Free 2.300000000 GH
9 10 11 MSG Restrice Agilent Spectrum Analyzer MRL RF Center Freq 2.35 Center Freq 2.35 Ref Offs 10 dB/div Ref 20. 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0	- Swept SA 50 Ω AC 2000000 GHz PN0: Fast - IFGain:Low et 9.07 dB	SENSE:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 07:07:10 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE MWWWW DET P P P P P 2.390 000 GHz -52.856 dBm ↓	ge Frequency Auto Tune Center Free 2.352000000 GH Start Free 2.300000000 GH
9 10 11 MSG Restrice Agilent Spectrum Analyzer X RL RF Center Freq 2.35 Center Freq 2.35 Ref Offs 10 dB/div Ref 20. Cog 10.0 -0.0 -10.0 -30.0 -40.0 -50.0 -70.0 -70.0	- Swept SA 50 Q AC	SENSE:PULSE	Aug Type: Log-Pwr Avg Type: Log-Pwr Avg Hold: 1/10 Mkr3	GFSK_Avera O7:07:10 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE MWWWW DET P P P P P 2.390 000 GHz -52.856 dBm ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	ge Frequency Auto Tune Center Free 2.352000000 GH Start Free 2.30000000 GH Stop Free 2.404000000 GH
9 10 Agilent Spectrum Analyzer (X RL RF Center Freq 2.35 Ref Offs 10 dB/div Ref 20. 10 0 10 0 10 0 -20 0 -30 0 -40 0 -50 0 -60 0	- Swept SA 50 Ω AC 2000000 GHz PN0: Fast - IFGain:Low et 9.07 dB 00 dBm	SENSE:PULSE	Aug Type: Log-Pwr Avg Type: Log-Pwr Avg Hold: 1/10 Mkr3	GFSK_Avera 07:07:10 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE MWWWW DET P P P P P 2.390 000 GHz -52.856 dBm ↓	ge Frequency Auto Tune Center Free 2.35200000 GH Start Free 2.30000000 GH Stop Free 2.40400000 GH
9 10 Agilent Spectrum Analyzer X RL RF Center Freq 2.35 Ref Offs 10 dB/div Ref 20. 10 0 10 0 10 0 10 0 10 0 10 0 20 0 -30 0 -40 0 -50 0 -50 0 -50 0 -70 0 Start 2.30000 GHź #Res BW 1.0 MHz MKR MODE TRC SCL	- Swept SA 50 Ω AC 2000000 GHZ PNO: Fast - IFGain:Low et 9.07 dB 00 dBm 	SENSE: PULSE	Aug Type: Log-Pwr Avg Type: Log-Pwr Avg Hold: 1/10 Mkr3	GFSK_Avera 07:07:10 PMNov 27, 2017 TRACE 12 3 4 5 6 TYPE/MWWWW DET/P P P P P P 2.390 000 GHz -52.856 dBm	ge Frequency Auto Tun Center Fre 2.35200000 GH Start Fre 2.30000000 GH Stop Fre 2.40400000 GH CF Ste 10.400000 MH
9 10 11 × × × × × × × × × × × × ×	- Swept SA 50 Q AC 2 PNO: Fast - IFGain:Low et 9.07 dB 00 dBm 	SENSE:PULSE Trig: Free Run #Atten: 30 dB	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10 Mkr3 Augunation Mkr3 Mkr3 Mkr3 Mkr3 Mkr4 Mkr4	GFSK_Avera	ge Frequency Auto Tum Center Fre 2.352000000 GH 2.30000000 GH Stop Fre 2.404000000 GH CF Step 10.400000 MH Auto Mai
9 10 Agilent Spectrum Analyzer X RL RF Center Freq 2.35 Ref Offs 10 dB/div Ref 20. 10 0 10 0 20.0 -30.0 -40.0 -30.0 -40.0 -50.0 -70.0 Start 2.30000 GHź #Res BW 1.0 MHz MKR MODE TRC SCL 1 N f	- Swept SA 50 Q AC 2000000 GHz PNO: Fast - IFGain:Low et 9.07 dB 00 dBm 	SENSE: PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10 Mkr3 Augunation Mkr3 Mkr3 Mkr3 Mkr3 Mkr4 Mkr4	GFSK_Avera	ge Frequency Auto Tune Center Free 2.35200000 GH Start Free 2.30000000 GH Stop Free 2.40400000 GH CF Step 10.40000 MH
9 10 Agilent Spectrum Analyzer (X RL RF Center Freq 2.35 Center Freq 2.35 10 dB/div Ref Offs 10 dB/div Ref 20. Conter Freq 2.35 0.00 -10.0 -20.0 -30.0 -40.0 -20.0 -30.0 -40.0 -20.0 -30.0 -40.0 -40.0 -50.0 -50.0 -40.0 -50.0 -50.0 -40.0 -40.0 -50.0 -40.0 -40.0 -50.0 -50.0 -40.0 -40.0 -70.0 -50.0 -60.0 -70.0 -50.0 -60.0 -70.0 -50.0 -60.0 -70.0	- Swept SA 50 Q AC 2 PNO: Fast - IFGain:Low et 9.07 dB 00 dBm 	SENSE:PULSE Trig: Free Run #Atten: 30 dB	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10 Mkr3 Augunation Mkr3 Mkr3 Mkr3 Mkr3 Mkr4 Mkr4	GFSK_Avera	ge Frequency Auto Tune Center Free 2.352000000 GH Start Free 2.30000000 GH Stop Free 2.40400000 GH CF Step 10.40000 MH Auto Mar

Iz NO: Fast ← Gain:Low			Avg Typ Avg Hold	ALIGNAUTO e: Log-Pwr : 10/10	TRAC	MNov 27, 2017 CE <u>1</u> 2 3 4 5 6 PE M WWWWW ET P P P P P P	Frequency
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							Stop Fre 2.500000000 G⊦
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Ref Office's 37 dB Mkr3 2.390 000 GHz Auto Tu 10 Bildin Ref 20.00 dBm -41.373 dBm - 10 Bildin Ref 20.00 dBm -41.373 dBm - - 10 Bildin Ref 20.00 dBm -41.373 dBm - - - 10 Bildin Ref 20.00 dBm -	Ref Offset 807 dB Mk13 2.390 000 GHz Auto Tu 10 dBdW ef 20.00 dBm -41.373 dBm -41.373 dBm 10 dBdW ef 20.00 dBm -41.373 dBm -41.373 dBm 10 dBdW ef 20.00 dBm -41.373 dBm -41.373 dBm 10 dBdW ef 20.00 dBm -41.373 dBm -41.373 dBm 10 dBdW ef 20.00 dBm -41.373 dBm -41.373 dBm 10 dBdW ef 20.00 dBm -41.373 dBm -41.373 dBm 10 dBdW ef 20.00 dBm -41.373 dBm -41.373 dBm 10 dBdW ef 20.00 dBm -41.373 dBm -41.373 dBm 10 dBdW ef 20.00 dBm -41.373 dBm -41.373 dBm 10 dB dW 1.0 MHz #VBW 3.0 MHz Stop 2.4400 GHz -31.000 GHz 10 dB dW 1.0 MHz #VBW 3.0 MHz Stop 2.4400 GHz -41.872 dBm 10 dB dW 1.0 MHz #VBW 3.0 MHz WBW 1.0 MHz -41.872 dBm 10 dB dW 1.0 MHz #VBW 1.0 Hz Stop 2.400 00 GHz -41.872 dBm 10 dB dW 1.0 MHz #VBW 1.0 Hz Stop 2.400 00 GHz -52.833 dBm <		00000 GHz PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
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2 N f 2.310 000 GHz -53.101 dBm Freq Offs 3 N f 2.390 000 GHz -52.833 dBm Freq Offs 4 - - - - 0 5 - - - - 0 6 - - - - 0 7 - - - - - 0	2 N f 2.310 000 GHz -53.101 dBm Freq Offs 3 N f 2.390 000 GHz -52.833 dBm OF 4 - - - - OF 5 - - - - OF 6 - - - - - OF 9 - - - - - - - 10 - - - - - - - - 11 - - - - - - - - - - -	Restrict-ban Agilent Spectrum Analyzer - Sw Øf RL RF 50 g Center Freq 2.3570 Øg Ref Offset 9 10 dB/div Ref 20.00 Log Ref 20.00 -10.0	wept SA 2 AC PNO: Fast • IFGain:Low 007 dB dBm	SENSE:PULSE	_Hopping Off_π/ Aug Type: Log-Pwr Avg Type: Log-Pwr Avg Hold: 1/10 Mkr3	4-DQPSK_Ave	Frequency Auto Tur Center Fre 2.357000000 GF 2.310000000 GF 2.404000000 GF 2.404000000 GF CF Ste 9.400000 MF
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Agilent Spectrum Analyzer - S (X) RL RF 50 Center Freq 2.4890	Ω AC	SENSE:PULSE	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 10/10	07:17:35 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P	Frequency
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Start 2.47800 GHz #Res BW 1.0 MHz		3W 3.0 MHz	Sweep 1.	Stop 2.50000 GHz 067 ms (8001 pts)	CF Ste 2.200000 MH Auto Ma
MKR MODE TRC SCL 1 N f 2 N f 3 N f 4 5	× 2.479 881 00 GHz 2.483 500 00 GHz 2.500 000 00 GHz	Y F -1.041 dBm -41.766 dBm -42.416 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offs
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7 8 9 10 11 11 MSG Image: Construct Spectrum Analyzer - S X RF SO Center Freq 2.4890 Ref Offset 3 10 dB/div Ref 20.00 10.0 1 -20.0 1 -30.0 1 -50.0 -50.0 -50.0 -50.0 Start 2.47800 GHz	Swept SA DO ODOOOO GHZ PNO: Fast IFGain:Low 9.07 dB 0 dBm	SENSE:PULSE	_Hopping Off_π/	4-DQPSK_Ave	Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF Stop Fre 2.500000000 GF CF Ste 2.200000 MF

Agilent Spectrum Analyze	50 Ω AC 570000000 GHz	SENSE:PULSE	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 10/10	07:19:57 PMNov 27, 2017 TRACE 1 2 3 4 5 6 TYPE M WAAMAAAAA	Frequency
	PNO: Fast IFGain:Low set 9.07 dB 0.00 dBm	#Atten: 30 dB		2.390 000 GHz -41.247 dBm	Auto Tur
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Start 2.31000 GH #Res BW 1.0 MHz		BW 3.0 MHz	Sweep 1	Stop 2.40400 GHz .067 ms (8001 pts)	CF Ste 9.400000 MH
MKR MODE TRC SCL 1 N f 2 N f 3 N f 4 - - 5 - - 6 - -	× 2.401 967 GHz 2.310 000 GHz 2.390 000 GHz	Y -0.275 dBm -41.992 dBm -41.247 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offs
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