Appendix A RF Test Data for BT V4.2(BDR/EDR) (Conducted Measurement)

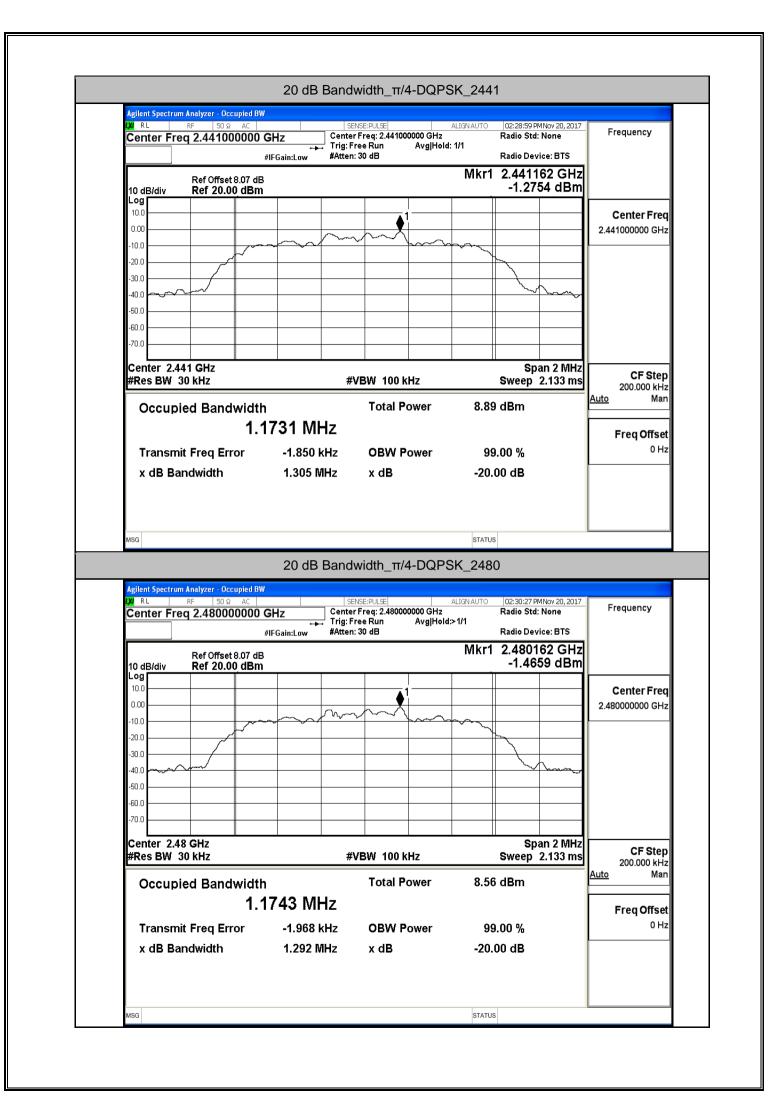
Product Name: Mini Wireless Earphone A02 Trade Mark: Baseus Test Model: Baseus Encok A02 FCC ID: 2AN7Y-A02

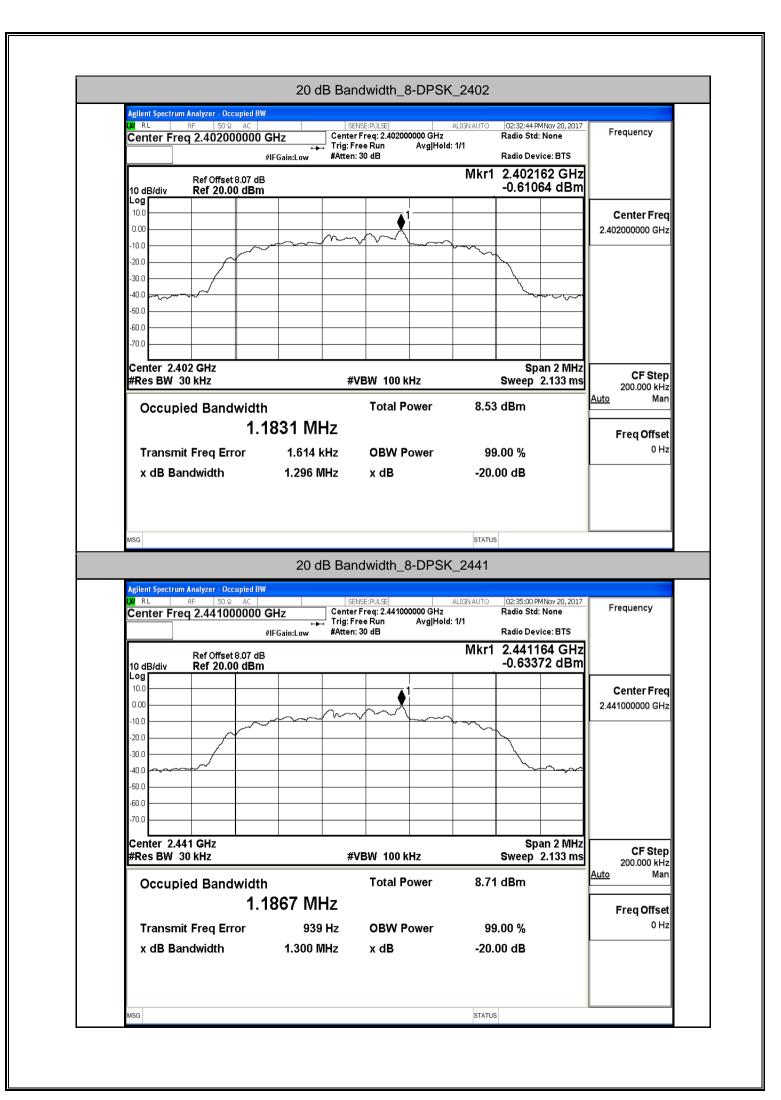
A.1 20 dB Bandwidth

Test Mode	Test Channel	EBW[MHz]	Limit[MHz]	Verdict
	2402	1.029		PASS
GFSK	2441	1.030		PASS
	2480	1.029		PASS
	2402	1.290		PASS
π/4-DQPSK	2441	1.305		PASS
	2480	1.292		PASS
	2402	1.296		PASS
8-DPSK	2441	1.300		PASS
	2480	1.301		PASS

Agilent Spectrum	RF 50 Ω	AC		SENSE:PU			ALIGN AUTO	03:26:32 F	MNov 20, 2017	Frequency
Center Fre	eq 2.40200			rig: Free R Atten: 30 dl	lun	Avg Hold:	1/1	Radio Dev		
	Ref Offset	8.07 dB					Mkr		216 GHz	
10 dB/div Log	Ref 20.00		T T					3.80	10 dBm	
10.0					1					Center Free
-10.0			~~~	·	~~ \	\sim				2.402000000 GH:
-20.0							\sim	~_		
-30.0								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
-40.0	<u></u>								\sim	
-60.0										
-70.0										
Center 2.4				I				Sp	an 2 MHz	CF Step
#Res BW 🔅	30 kHz			#VBW	/ 100 kH	lz		Sweep	2.133 ms	200.000 kH
Occupi	ed Band	width		т	otal Po	wer	13.6	dBm		<u>Auto</u> Mar
		889	9.80 kHz	2						Freq Offse
Transmi	it Freq Err	or	2.148 kH	z O	DBW Po	wer	99	.00 %		. он:
x dB Ba	ndwidth		1.029 MH:	z x	dB		-20.0	00 dB		
MSG			20 dB	8 Bandw	width_(GFSK_	status 2441	•		
Agilent Spectrum	<mark>n Analyzer - Occ</mark> RF 50 Ω		20 dB	B Bandv				03:29:02 F	MNov 20, 2017	Francisco
Agilent Spectrum	RF 50 Ω	AC 0000 G	Hz C	SENSE:PU Center Freq Trig: Free R	ULSE 1: 2.441000 Sun		2441	03:29:02 F Radio Std	: None	Frequency
Agilent Spectrum	RF 50 Ω sq 2.44100	AC 0000 G #II	Hz C	SENSE:PU	ULSE 1: 2.441000 Sun	000 GHz	2441 ALIGN AUTO >1/1	03:29:02 F Radio Std Radio Dev	: None vice: BTS	Frequency
Agilent Spectrum M RL Center Fre 10 dB/div	RF 50 Ω	AC 0000 G #II 8.07 dB	Hz C	SENSE:PU Center Freq Trig: Free R	ULSE 1: 2.441000 Sun	000 GHz	2441 ALIGN AUTO >1/1	03:29:02 F Radio Std Radio Dev 1 2.441	: None	Frequency
Agilent Spectrum IXI RL Center Fre	RF 50 Ω eq 2.44100 Ref Offset	AC 0000 G #II 8.07 dB	Hz C	SENSE:PU Center Freq Trig: Free R	ULSE 1: 2.441000 Sun	000 GHz	2441 ALIGN AUTO >1/1	03:29:02 F Radio Std Radio Dev 1 2.441	: None vice: BTS 116 GHZ	Frequency Center Freq
Agilent Spectrum (X) RL Center Fre 10 dB/div Log 10.0 0.00	RF 50 Ω eq 2.44100 Ref Offset	AC 0000 G #II 8.07 dB	Hz C	SENSE:PU Center Freq Trig: Free R	ULSE 1: 2.441000 Sun	000 GHz	2441 ALIGN AUTO >1/1	03:29:02 F Radio Std Radio Dev 1 2.441	: None vice: BTS 116 GHZ	
Agilent Spectrum (X) RL Center Fre 10 dB/div Log 10.0 0.00 -10.0	RF 50 Ω eq 2.44100 Ref Offset	AC 0000 G #II 8.07 dB	Hz C	SENSE:PU Center Freq Trig: Free R	ULSE 1: 2.441000 Sun	000 GHz	2441 ALIGN AUTO >1/1	03:29:02 F Radio Std Radio Dev 1 2.441	: None vice: BTS 116 GHZ	Center Free
Agilent Spectrum (X) RL Center Fre 10 dB/div Log 10.0 0.00	RF 50 Ω eq 2.44100 Ref Offset	AC 0000 G #II 8.07 dB	Hz C	SENSE:PU Center Freq Trig: Free R	ULSE 1: 2.441000 Sun	000 GHz	2441 ALIGN AUTO >1/1	03:29:02 F Radio Std Radio Dev 1 2.441	: None vice: BTS 116 GHZ	Center Free
Agilent Spectrum XI RL Center Fre 10 dB/div Log 10.0 .00 .10.0 .20.0 .30.0 .40.0	RF 50 Ω eq 2.44100 Ref Offset	AC 0000 G #II 8.07 dB	Hz C	SENSE:PU Center Freq Trig: Free R	ULSE 1: 2.441000 Sun	000 GHz	2441 ALIGN AUTO >1/1	03:29:02 F Radio Std Radio Dev 1 2.441	: None vice: BTS 116 GHZ	Center Free
Agilent Spectrum (X) RL Center Fre 10 dB/div Log 10.0 -10.0 -20.0 -30.0 -40.0 -50.0	RF 50 Ω eq 2.44100 Ref Offset	AC 0000 G #II 8.07 dB	Hz C	SENSE:PU Center Freq Trig: Free R	ULSE 1: 2.441000 Sun	000 GHz	2441 ALIGN AUTO >1/1	03:29:02 F Radio Std Radio Dev 1 2.441	: None vice: BTS 116 GHZ	Center Free
Agilent Spectrum XI RL Center Fre 10 dB/div Log 10.0 .00 .10.0 .20.0 .30.0 .40.0	RF 50 Ω eq 2.44100 Ref Offset	AC 0000 G #II 8.07 dB	Hz C	SENSE:PU Center Freq Trig: Free R	ULSE 1: 2.441000 Sun	000 GHz	2441 ALIGN AUTO >1/1	03:29:02 F Radio Std Radio Dev 1 2.441	: None vice: BTS 116 GHZ	Center Free
Agilent Spectrum Center Fre 10 dB/div Log 10.0 -10.0 -20.0 -30.0 -40.0 -50.0 -70.0	RF 50 Ω 2 2.44100 Ref Offset Ref 20.00	AC 0000 G #II 8.07 dB	Hz C	SENSE:PU Center Freq Trig: Free R	ULSE 1: 2.441000 Sun	000 GHz	2441 ALIGN AUTO >1/1	03:29:02 F Radio Std Radio Dev 1 2.441 3.66	: None vice: BTS 16 GHz 42 dBm	Center Free
Agilent Spectrum (X) RL Center Fre 10 dB/div Log 10.0 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0	RF 50 2 29 2.44100 Ref Offset Ref 20.00 41 GHz	AC 0000 G #II 8.07 dB	Hz C	SENSE PL	ULSE 1: 2.441000 Sun	000 GHz Avg Hold:	2441 ALIGN AUTO >1/1	03:29:02 F Radio Std Radio Dev 1 2.441 3.66	: None vice: BTS 116 GHZ	Center Fred 2.441000000 GH;
Agilent Spectrum VI RL Center Fre 10 dB/div Log 10.0 .000 .10.0 .20.0 .30.0 .40.0 .40.0 .50.0 .60.0 .70.0 Center 2.4. #Res BW 3	Ref Offset Ref Offset Ref 20.00 41 GHz 30 kHz	AC 00000 G #II 8.07 dB 0 dBm 	Hz C	SENSE PL Center Freq rig: Free R Atten: 30 dl	U.E : 2.441000 iun B	000 GHz Avg Hold:	2441 ALIGN AUTO >1/1 Mkr	03:29:02 F Radio Std Radio Dev 1 2.441 3.66	: None vice: BTS 16 GHz 42 dBm	Center Fred 2.441000000 GH
Agilent Spectrum VI RL Center Fre 10 dB/div Log 10.0 .000 .10.0 .20.0 .30.0 .40.0 .40.0 .50.0 .60.0 .70.0 Center 2.4. #Res BW 3	RF 50 2 29 2.44100 Ref Offset Ref 20.00 41 GHz	AC 0000 G #II 8.07 dB 0 dBm	Hz C	SENSE:PC	Ute i: 2.441000 iun B 	000 GHz Avg Hold:	2441 ALIGN AUTO >1/1 Mkr	03:29:02 F Radio Std Radio Dev 1 2.447 3.66	: None vice: BTS 16 GHz 42 dBm	Center Frec 2.441000000 GH: 2.441000000 GH: CF Step 200.000 kH: Auto Mar
Agilent Spectrum Od RL Center Fre 10 dB/div Log 10.0 -10.0 -20.0 -30.0 -30.0 -40.0 -50.0 -60.0 -70.0 Center 2.4 #Res BW 3	Ref Offset Ref 20.00 41 GHz 30 kHz	AC 0000 G #II 8.07 dB 0 dBm 0 dBm	Hz FGain:Low	SENSE PR	U.E ;: 2.441000 iun B 1 1 1 1 1 1 1 1 1 1 1 1 1	000 GHz Avg Hold:	2441 ALIGN AUTO >1/1 Mkr 	I 2.441 3.66	: None vice: BTS 16 GHz 42 dBm	Center Free 2.441000000 GH: 2.441000000 GH: 200.000 kH: 200.000 kH: Auto Mar Freq Offse
Agilent Spectrum (V) RL Center Fre 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0 -20.0 -30.0 -40.0 -50.0 -70.0 Center 2.44 #Res BW 3 Occupi	Ref Offset Ref 20.00 41 GHz 30 kHz ed Band	AC 0000 G #II 8.07 dB 0 dBm 0 dBm	Hz FGain:Low # 2.30 kHz 865 H:	SENSE PR Center Freq rig: Free R Atten: 30 dl ///////////////////////////////////	ULE 2: 2.441000 B 1 1 1 1 1 1 1 1 1 1 1 1 1	000 GHz Avg Hold:	2441 ALIGNAUTO >1/1 Mkr 13.3 999	03:29:02 F Radio Std Radio Dev 1 2.447 3.66 3.66 5.00 Sweep 5.00 %	: None vice: BTS 16 GHz 42 dBm	Center Fred 2.441000000 GH; 2.45 CF Step 200.000 kH;
Agilent Spectrum Od RL Center Fre 10 dB/div Log 10.0 -10.0 -20.0 -30.0 -30.0 -40.0 -50.0 -60.0 -70.0 Center 2.4 #Res BW 3	Ref Offset Ref 20.00 41 GHz 30 kHz ed Band	AC 0000 G #II 8.07 dB 0 dBm 0 dBm	Hz FGain:Low	SENSE PR Center Freq rig: Free R Atten: 30 dl ///////////////////////////////////	U.E ;: 2.441000 iun B 1 1 1 1 1 1 1 1 1 1 1 1 1	000 GHz Avg Hold:	2441 ALIGNAUTO >1/1 Mkr 13.3 999	I 2.441 3.66	: None vice: BTS 16 GHz 42 dBm	Center Free 2.441000000 GH: 2.441000000 GH: 200.000 kH: 200.000 kH: Auto Mar Freq Offse
Agilent Spectrum (V) RL Center Fre 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0 -20.0 -30.0 -40.0 -50.0 -70.0 Center 2.44 #Res BW 3 Occupi	Ref Offset Ref 20.00 41 GHz 30 kHz ed Band	AC 0000 G #II 8.07 dB 0 dBm 0 dBm	Hz FGain:Low # 2.30 kHz 865 H:	SENSE PR Center Freq rig: Free R Atten: 30 dl ///////////////////////////////////	ULE 2: 2.441000 B 1 1 1 1 1 1 1 1 1 1 1 1 1	000 GHz Avg Hold:	2441 ALIGNAUTO >1/1 Mkr 13.3 999	03:29:02 F Radio Std Radio Dev 1 2.447 3.66 3.66 5.00 Sweep 5.00 %	: None vice: BTS 16 GHz 42 dBm	Center Free 2.441000000 GH: 2.441000000 GH: 200.000 kH: 200.000 kH: Auto Mar Freq Offse
Agilent Spectrum 20 RL Center Fre 10 dB/div Log 10.0 .00 .00 .00 .00 .00 .00 .0	Ref Offset Ref 20.00 41 GHz 30 kHz ed Band	AC 0000 G #II 8.07 dB 0 dBm 0 dBm	Hz FGain:Low # 2.30 kHz 865 H:	SENSE PR Center Freq rig: Free R Atten: 30 dl ///////////////////////////////////	ULE 2: 2.441000 B 1 1 1 1 1 1 1 1 1 1 1 1 1	000 GHz Avg Hold:	2441 ALIGNAUTO >1/1 Mkr 13.3 999	03:29:02 F Radio Std Radio Dev 1 2.447 3.66 3.66 5 5 5 5 5 5 6 6 6 6 7 7 7 7 7 8 7 8 7 8 7 8 7 8 7 8	: None vice: BTS 16 GHz 42 dBm	Center Free 2.441000000 GH: 2.441000000 GH: 200.000 kH: 200.000 kH: Auto Mar Freq Offse

LXI RL	Analyzer - Occupie RF 50 Ω A0	.C		ENSE:PULSE		GN AUTO		MNov 20, 2017	Frequency
Center Free	q 2.4800000	100 GHz #IFGain:Lov	🛻 Trig: F	er Freq:2.48000000 Free Run A n:30 dB	10 GHz Vg Hold: 1/	1	Radio Std Radio Dev		Trequency
	Ref Offset 8.07					Mkr		16 GHz	
10 dB/div Log	Ref 20.00 d	IBm					0.499	36 dBm	
0.00				1					Center Fred 2.48000000 GHz
-10.0			\sim		m				2.48000000 GH2
-20.0		\sim					~		
-30.0							- Jone Jone		
-50.0									
-60.0									
-70.0									
Center 2.48 #Res BW 3			#	VBW 100 kHz	2			an 2 MHz 2.133 ms	CF Step
	al Danduri			Total Pow	ior	10.2	dBm		200.000 kHz <u>Auto</u> Mar
Occupie	ed Bandwi	896.52	kH2	TOLALFOW		10.2	ubiii		
Transmit				OBW Pow	r		.00 %		Freq Offset
x dB Bar	Freq Error		90 kHz 29 MHz	x dB	ver		.00 % 00 dB		
	lawiatri	1.02		A GD		-20.			
	Analyzer - Occupie	ed BW		lwidth_π/4-I			2		
Agilent Spectrum	Analyzer - Οccupie RF 50 Ω A0 q 2.4020000	ed BW	Cente	ENSE:PULSE Pr Freq: 2.40200000	ALI 10 GHz	(_2402	2	MNov 20, 2017 : None	Frequency
Agilent Spectrum	RF 50 Ω A	ed BW	Gente → Trig: F	ENSE:PULSE Pr Freq: 2.40200000	ALI	(_2402 GN AUTO 1	02:26:43 P Radio Std Radio Dev	: None vice: BTS	Frequency
Agilent Spectrum	RF 50 Ω A(q 2.4020000 Ref Offset 8.07	ed BW C 1000 GHz #IFGain:Lov 7 dB	Gente → Trig: F	ENSE:PULSE Pr Freq: 2.40200000 Free Run A	ALI 10 GHz	(_2402 GN AUTO 1	2 Radio Std Radio Dev 2.4021	: None vice: BTS 64 GHZ	Frequency
Agilent Spectrum	RF 50 Ω AC q 2.4020000	ed BW C 1000 GHz #IFGain:Lov 7 dB	Gente → Trig: F	ENSE:PULSE Pr Freq: 2.40200000 Free Run A	ALI 10 GHz	(_2402 GN AUTO 1	2 Radio Std Radio Dev 2.4021	: None vice: BTS	
Agilent Spectrum XX RL Center Free 10 dB/div	RF 50 Ω A(q 2.4020000 Ref Offset 8.07	ed BW C 1000 GHz #IFGain:Lov 7 dB	Gente → Trig: F	ENSE:PULSE Pr Freq: 2.40200000 Free Run A	ALI 10 GHz	(_2402 GN AUTO 1	2 Radio Std Radio Dev 2.4021	: None vice: BTS 64 GHZ	Frequency Center Freq 2.40200000 GHz
Agilent Spectrum X RL Center Free 10 dB/div Log 10.0 -10.0	RF 50 Ω A(q 2.4020000 Ref Offset 8.07	ed BW C 1000 GHz #IFGain:Lov 7 dB	Gente → Trig: F	ENSE:PULSE Pr Freq: 2.40200000 Free Run A	ALI 10 GHz	(_2402 GN AUTO 1	2 Radio Std Radio Dev 2.4021	: None vice: BTS 64 GHZ	Center Free
Agilent Spectrum XX RL Center Free 10 dB/div Log 10.0	RF 50 Ω A(q 2.4020000 Ref Offset 8.07	ed BW C 1000 GHz #IFGain:Lov 7 dB	Gente → Trig: F	ENSE:PULSE Pr Freq: 2.40200000 Free Run A	ALI 10 GHz	(_2402 GN AUTO 1	2 Radio Std Radio Dev 2.4021	: None vice: BTS 64 GHZ	Center Free
Agilent Spectrum X RL Center Free 10 dB/div Log 10.0 -10.0	RF 50 Ω A(q 2.4020000 Ref Offset 8.07	ed BW C 1000 GHz #IFGain:Lov 7 dB	Gente → Trig: F	ENSE:PULSE Pr Freq: 2.40200000 Free Run A	ALI 10 GHz	(_2402 GN AUTO 1	2 Radio Std Radio Dev 2.4021	: None vice: BTS 64 GHZ	Center Free
Agilent Spectrum X/ RL Center Free 10 dB/div Log 10.0 20.0 -30.0 -40.0 -50.0	RF 50 Ω A(q 2.4020000 Ref Offset 8.07	ed BW C 1000 GHz #IFGain:Lov 7 dB	Gente → Trig: F	ENSE:PULSE Pr Freq: 2.40200000 Free Run A	ALI 10 GHz	(_2402 GN AUTO 1	2 Radio Std Radio Dev 2.4021	: None vice: BTS 64 GHZ	Center Free
Agilent Spectrum XM RL Center Free 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0	RF 50 Ω A(q 2.4020000 Ref Offset 8.07	ed BW C 1000 GHz #IFGain:Lov 7 dB	Gente → Trig: F	ENSE:PULSE Pr Freq: 2.40200000 Free Run A	ALI 10 GHz	(_2402 GN AUTO 1	2 Radio Std Radio Dev 2.4021	: None vice: BTS 64 GHZ	Center Free
Agilent Spectrum X/ R L Center Free 10 dB/div Log 10.0 20.0 -10.0 -20.0 -30.0 -40.0 -60.0 -70.0	RF 50 Ω Addition q 2.4020000 Ref Ref <td< td=""><td>ed BW C 1000 GHz #IFGain:Lov 7 dB</td><td>Gente → Trig: F</td><td>ENSE:PULSE Pr Freq: 2.40200000 Free Run A</td><td>ALI 10 GHz</td><td>(_2402 GN AUTO 1</td><td>2 Radio Std Radio Dev 2.4021 -1.34</td><td>: None rice: BTS 64 GHz 72 dBm</td><td>Center Frec 2.40200000 GHz</td></td<>	ed BW C 1000 GHz #IFGain:Lov 7 dB	Gente → Trig: F	ENSE:PULSE Pr Freq: 2.40200000 Free Run A	ALI 10 GHz	(_2402 GN AUTO 1	2 Radio Std Radio Dev 2.4021 -1.34	: None rice: BTS 64 GHz 72 dBm	Center Frec 2.40200000 GHz
Agilent Spectrum XX RL Center Free 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Center 2.40 #Res BW 3	RF 50 Ω Addition q 2.4020000 Ref Ref <td< td=""><td>ed BW C DOO GHz #IFGain:Lov 7 dB Bm</td><td>Gente Cente Trig: F W #Atter</td><td>ENSE:PULSE rr Freq: 2.40200000 Free Run A 1: 30 dB</td><td>ALI 10 GHz wg Hold: 1/</td><td>(_240) (GN AUTO 1 Mkr1</td><td>2 Radio Std Radio Dev 2.4021 -1.34</td><td>: None vice: BTS 64 GHZ</td><td>Center Free</td></td<>	ed BW C DOO GHz #IFGain:Lov 7 dB Bm	Gente Cente Trig: F W #Atter	ENSE:PULSE rr Freq: 2.40200000 Free Run A 1: 30 dB	ALI 10 GHz wg Hold: 1/	(_240) (GN AUTO 1 Mkr1	2 Radio Std Radio Dev 2.4021 -1.34	: None vice: BTS 64 GHZ	Center Free
Agilent Spectrum XX RL Center Free 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Center 2.40 #Res BW 3	RF 50 Ω Additional state in the state	ed BW C 1000 GHz #IFGain:Loo 7 dB IBM 	Gente	ENSE:PULSE rr Freq: 2.40200000 Free Run A 1: 30 dB	ALI 10 GHz wg Hold: 1/	(_240) (GN AUTO 1 Mkr1	2 Radio Std Radio Dev 2.4021 -1.34	: None rice: BTS 64 GHz 72 dBm	Center Frec 2.402000000 GHz 2.40200000 GHz CF Step 200.000 kHz Auto Mar
Agilent Spectrum X RL Center Free 10 dB/div Log	RF 50 Ω Addition q 2.4020000 Ref Ref <td< td=""><td>ed BW C DOO GHz #IFGain:Loo 7 dB BBm </td><td>Trig: F W Cente Trig: F W #Atter</td><td>ENSE:PULSE Pr Freq: 2.40200000 Free Run A 1: 30 dB</td><td>ALI 00 GH2 vvg Hold: 1/</td><td>(_240) (GN AUTO 1 Mkr1</td><td>2 Radio Std Radio Dev 2.4021 -1.34 Sp Sweep dBm</td><td>: None rice: BTS 64 GHz 72 dBm</td><td>Center Frec 2.402000000 GHz 2.40200000 GHz CF Step 200.000 kHz Auto Mar Freq Offset</td></td<>	ed BW C DOO GHz #IFGain:Loo 7 dB BBm 	Trig: F W Cente Trig: F W #Atter	ENSE:PULSE Pr Freq: 2.40200000 Free Run A 1: 30 dB	ALI 00 GH2 vvg Hold: 1/	(_240) (GN AUTO 1 Mkr1	2 Radio Std Radio Dev 2.4021 -1.34 Sp Sweep dBm	: None rice: BTS 64 GHz 72 dBm	Center Frec 2.402000000 GHz 2.40200000 GHz CF Step 200.000 kHz Auto Mar Freq Offset
Agilent Spectrum VX RL Center Free 10 dB/div Log 10.0 0.00 -10.0 -20.0 -30.0 -40.0 -60.0 -70.0 Center 2.40 #Res BW 3 Occupie Transmit	RF 50 Ω Addition Q 2.4020000 Ref Offset 8.07 Ref 20.00 d Ref 20.00 d Image: Comparison of the second s	ed BW C DOO GHz #IFGain:Loo 7 dB IBm 	Gente Trig: F #Atter	ENSE:PULSE Pr Freq: 2.40200000 Free Run A 1: 30 dB	ALI 00 GH2 vvg Hold: 1/	(_2402 (GN AUTO 1 Mkr1	2 Radio Std Radio Dev 2.4021 -1.34 -1.34 Sp Sweep dBm .00 %	: None rice: BTS 64 GHz 72 dBm	Center Frec 2.402000000 GHz 2.40200000 GHz CF Step 200.000 kHz Auto Mar
Agilent Spectrum X RL Center Free 10 dB/div Log	RF 50 Ω Addition Q 2.4020000 Ref Offset 8.07 Ref 20.00 d Ref 20.00 d Image: Comparison of the second s	ed BW C DOO GHz #IFGain:Loo 7 dB IBm 	Trig: F W Cente Trig: F W #Atter	ENSE:PULSE Pr Freq: 2.40200000 Free Run A 1: 30 dB	ALI 00 GH2 vvg Hold: 1/	(_2402 (GN AUTO 1 Mkr1	2 Radio Std Radio Dev 2.4021 -1.34 Sp Sweep dBm	: None rice: BTS 64 GHz 72 dBm	Center Frec 2.402000000 GHz 2.40200000 GHz CF Step 200.000 kHz Auto Mar Freq Offset





Frequency	02:36:32 PMNov 20, 2017 Radio Std: None Radio Device: BTS	11	000000 GHz Avg Hold	Free		0000 GH	RF 50 Ω q 2.48000		XI RI Cen
	2.480158 GHz -0.90620 dBm						Ref Offset Ref 20.00	dB/div	
Center Fre 2.480000000 G⊦			1					0	Log 10.0 0.00
	<u></u>	\sim		- 0		\sim		0	-10.0 -20.0
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							] <del>,~~~~</del>	-30.0 -40.0
								0	-50.0 -60.0
CF Ste	Span 2 MHz							nter 2.4	
200.000 kH <u>Auto</u> Ma	Sweep 2.133 ms dBm	8.55 (	Power	#VB\	#	width	ed Band	es BW 3 Occupi	
FreqOffse					56 MHz	1.18		-	
ОН	.00 %	99.0	Power		758 Hz	or	t Freq Erre	Transmi	Т
	00 dB	-20.00			1.301 MHz		ndwidth	k dB Ba	х

### A.2 Conducted Peak Output Power

Test Mode	Test Channel	Power[dBm]	Limit[dBm]	Verdict
	2402	2.729	30	PASS
GFSK	2441	3.216	30	PASS
	2480	2.881	30	PASS
	2402	2.436	30	PASS
π/4-DQPSK	2441	2.445	30	PASS
	2480	2.152	30	PASS
	2402	2.597	30	PASS
8-DPSK	2441	2.612	30	PASS
	2480	2.324	30	PASS

Frequency	10:25:42 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE M MARAMAN	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 10/10	SENSE:PULSE	0 GHz	RF 50 Ω AC	enter F
Auto Tur	түре М DET P P P P P 812 500 GHz 2.729 dBm		#Atten: 30 dB	PNO: Fast ↔ IFGain:Low	Ref Offset 8.07 dB Ref 20.00 dBm	) dB/div
Center Fre						
2.402000000 GH			1			0.0
Start Fre 2.399500000 GH						
Stop Fre						0.0
2.404500000 GH						0.0
CF Ste 500.000 kH <u>Auto</u> Ma						0.0
Freq Offs						0.0
01						0.0
) 👫 🔎 🔒 🔞 📧 10:25 A	Span 5.000 MHz 67 ms (8001 pts) ^{Links} [*] 《	Sweep 1.0	8.0 MHz	#VBW	02000 GHz 3.0 MHz	
- ● ● ● ● ■ 10:25 A	67 ms (8001 pts) Links [»] 🤇	Sweep 1.0 Power_GFSK_24	a	Aglient Spectrum An Conducted	3.0 MHz	Res BW start ilent Spectr RL
Frequency Auto Tur	67 ms (8001 pts) Links ²⁸ ( 141 10:26:06 AMNov 21, 2017 TRACE [12 3 4 5 6	Sweep 1.0 Power_GFSK_24 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output	Agilent Spectrum An Conducted OGHz PN0: Fast	3.0 MHz	Res BW start ilent Spectr RL enter F
Frequency Auto Tur	67 ms (8001 pts) Link: 2 ( 141 10:26:06 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE M WWWWW DET P P P P P 896 250 GHZ	Sweep 1.0 Power_GFSK_24 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output	Agilent Spectrum An Conducted OGHz PN0: Fast	3.0 MHz	Res BW start ilent Spectr RL
Frequency Auto Tur Center Fre	67 ms (8001 pts) Link: 2 ( 141 10:26:06 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE M WWWWW DET P P P P P 896 250 GHZ	Sweep 1.0 Power_GFSK_24 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output SENSE:PULSE Trig: Free Run #Atten: 30 dB	Agilent Spectrum An Conducted OGHz PN0: Fast	3.0 MHz	Res BW
Frequency Auto Tur Center Fre 2.44100000 GH	67 ms (8001 pts) Link: 2 ( 141 10:26:06 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE M WWWWW DET P P P P P 896 250 GHZ	Sweep 1.0 Power_GFSK_24 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output SENSE:PULSE Trig: Free Run #Atten: 30 dB	Agilent Spectrum An Conducted OGHz PN0: Fast	3.0 MHz	Res BW
Frequency           Auto Tur           Center Fre           2.441000000 GF           Start Fre           2.438500000 GF           Stop Fre           2.443500000 GF	67 ms (8001 pts) Link: 2 ( 141 10:26:06 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE M WWWWW DET P P P P P 896 250 GHZ	Sweep 1.0 Power_GFSK_24 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output SENSE:PULSE Trig: Free Run #Atten: 30 dB	Agilent Spectrum An Conducted OGHz PN0: Fast	3.0 MHz	Res BW ilent Spect RL odB/div odB/div 0.00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Frequency Auto Tur Center Fre 2.44100000 GF Start Fre 2.438500000 GF	67 ms (8001 pts) Link: 2 ( 141 10:26:06 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE M WWWWW DET P P P P P 896 250 GHZ	Sweep 1.0 Power_GFSK_24 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output SENSE:PULSE Trig: Free Run #Atten: 30 dB	Agilent Spectrum An Conducted OGHz PN0: Fast	3.0 MHz	Res BW
Frequency Auto Tur Center Fre 2.441000000 GF 2.438500000 GF 2.438500000 GF 2.443500000 GF 2.443500000 GF CF Ste 500.000 kF Auto Ma	67 ms (8001 pts) Link: 2 ( 141 10:26:06 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE M WWWWW DET P P P P P 896 250 GHZ	Sweep 1.0 Power_GFSK_24 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output SENSE:PULSE Trig: Free Run #Atten: 30 dB	Agilent Spectrum An Conducted OGHz PN0: Fast	3.0 MHz	Res BW ilent Spect RL odB/div odB/div 0.00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0
Frequency           Auto Tur           Center Fre           2.441000000 GF           Start Fre           2.438500000 GF           Stop Fre           2.443500000 GF           CF Ste           500.000 kF           Auto	67 ms (8001 pts) Link: 2 ( 141 10:26:06 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE M WWWWW DET P P P P P 896 250 GHZ	Sweep 1.0 Power_GFSK_24 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output SENSE:PULSE Trig: Free Run #Atten: 30 dB	Agilent Spectrum An Conducted OGHz PN0: Fast	3.0 MHz	Res BW           jlent Spect           RL           enter F           0 dB/div           0 0.0           0.00           0.00           0.00           0.00           0.00           0.00           0.00           0.00

	<mark>zer - Swe</mark> 50 Ω			SENS	E:PULSE		ALIGNAUTO	02:24:53 P	4Nov 20, 2017	
		0000 G	Hz PNO: Fast ↔	Trig: Fre	e Run		: Log-Pwr	TRAC	ΣЕ 1 2 3 4 5 6 РЕМ <del>УЖИМИ</del> ТРРРРРР	Frequency
	fset 8.07 <b>0.00 d</b>	וו 7 dB	FGain:Low	#Atten: 3	0 dB	М	kr1 2.47	9 811 8		Auto Tur
1 20										Center Fre
				1						2.480000000 GH
				<b></b>				-		
										Start Fre 2.477500000 GH
										Stop Fre
										2.482500000 GH
										CF Ste
_										500.000 kH <u>Auto</u> Ma
										Freq Offse
	GHz							Span 5	.000 MHz	
000 C MHz			#VBV	V 8.0 MHz		-	Sweep 1.	Span 5 067 ms (	.000 MHz 8001 pts)	
							STATUS	067 ms (	8001 pts)	
		Cond				wer_π/4	STATUS	067 ms (	8001 pts)	
MHz		pt SA		eak Out		wer_π/4	STATUS	067 ms ( (_2402	8001 pts)	
MHz nalyzer F	<b>Ζ</b> zer - Swej 50 Ω	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	put Po EPULSE e Run	wer_π/4	STATUS -DQPSP ALIGN AUTO 2: Log-Pwr	067 ms ( (2402 02:27:15 PI TRAC TYI	4Nov 20, 2017 [™] 1 2 3 4 5 6 [™] MWWWWW	Frequency
MHz F 2.40	2 2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P		put Po EPULSE e Run	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	
MHz F 2.40	<b>Ζ</b> zer - Swej 50 Ω	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	put Po EPULSE e Run	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGN AUTO 2: Log-Pwr	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	put Po EPULSE e Run	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun Center Free
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	E:PULSE e Run 0 dB	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun Center Free
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	put Po EPULSE e Run	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun Center Fre 2.402000000 GH
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	E:PULSE e Run 0 dB	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun Center Fre 2.40200000 GH Start Fre
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	E:PULSE e Run 0 dB	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun Center Fre 2.40200000 GH Start Fre
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	E:PULSE e Run 0 dB	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun Center Fre 2.40200000 GH Start Fre 2.399500000 GH Stop Fre
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	E:PULSE e Run 0 dB	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun Center Fre 2.40200000 GH Start Fre 2.399500000 GH Stop Fre
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	E:PULSE e Run 0 dB	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun Center Free 2.40200000 GH Start Free 2.399500000 GH Stop Free 2.404500000 GH
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	E:PULSE e Run 0 dB	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun Center Free 2.40200000 GH Start Free 2.399500000 GH Stop Free 2.404500000 GH CF Stej 500.000 kH
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	E:PULSE e Run 0 dB	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun           Center Fre           2.402000000 GH           Start Fre           2.399500000 GH           Stop Fre           2.404500000 GH           CF Step           500.000 kH           Auto
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	E:PULSE e Run 0 dB	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun           Center Free           2.402000000 GH           Start Free           2.399500000 GH           Stop Free           2.404500000 GH           CF Step           500.000 kH           Auto           Ma           Freq Offset
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	E:PULSE e Run 0 dB	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tun Center Free 2.40200000 GH Start Free 2.399500000 GH Stop Free 2.404500000 GH CF Step 500.000 kH
MHz F 2.40	2er - Swej 50 Ω 102000	pt SA AC 0000 G	ucted P Hz PN0: Fast ↔	eak Out	E:PULSE e Run 0 dB	Wer_m/4 Avg Type Avg Hold:	STATUS -DQPSP ALIGNAUTO 21 Log-Pwr 10/10	067 ms ( (_2402 02:27:15 PI TRAC TYI D	MNov 20, 2017 = 1 2 3 4 5 6 = MWWWWW =T P P P P P	Auto Tum           Center Free           2.402000000 GH           Start Free           2.399500000 GH           Stop Free           2.404500000 GH           CF Step           500.000 kH           Auto           Main           Freq Offset

Frequency	02:29:31 PM Nov 20, 2017 TRACE 1 2 3 4 5 6	: Log-Pwr		SENSE:PULSE	GHz	50 Ω AC	rum Analyzer - S RF 50 req 2.441(	L	<b>XI</b> RI
Auto Tur	туре М WWWW DET P P P P P P		Avg Hold	rig: Free Run Atten: 30 dB	PNO: Fast ↔↔ IFGain:Low				
	2.445 dBm	·····					Ref Offset 8 Ref 20.00	B/div	10 dE Log
<b>Center Fre</b> 2.441000000 GH				1					10.0
Start Fre 2.438500000 GH			* *********************************						0.00
Stop Fre									-20.0
2.443500000 GH									-30.0
CF Stej 500.000 kH Auto Ma									-40.0 -50.0
Freq Offse 0 H									-50.0
	Span 5.000 MHz 67 ms (8001 pts) _2480	Sweep 1.0	wer_π/4	) MHz COutput Po	#VBW		441000 GH 3.0 MHz		
Frequency	67 ms (8001 pts) _2480 02:30:59 PMNov 20, 2017 TRACE [1 2 3 4 5 6	Sweep 1.0           status           -DQPSK_           ALIGN AUTO           e: Log-Pwr		COutput Po	ducted Pe GHz PN0: Fast ↔	Con     Swept SA     50 Ω AC	3.0 MHz rum Analyzer - S	s BW	Cen #Re: MSG Agilen
Frequency Auto Tun	67 ms (8001 pts) _2480 02:30:59 PMNov 20, 2017 TRACE [1 2 3 4 5 6 TYPE [MWWWWW DET  P P P P P	Sweep 1.0           status           -DQPSK_           -LIGN AUTO           :: Log-Pwr           10/10	Avg Typ Avg Hold	SENSE:PULSE	ducted Pe	Con - Swept SA 50 Ω AC 00000000	3.0 MHz rum Analyzer - S RF 50 req 2.4800 Ref Offset 8	s BW	Cen #Ree MSG MSG RI Cen
	67 ms (8001 pts) _2480 02:30:59 PMNov 20, 2017 TRACE [1 2 3 4 5 6	Sweep 1.0           status           -DQPSK_           -LIGN AUTO           :: Log-Pwr           10/10	Avg Typ Avg Hold	COutput Po	ducted Pe GHz PN0: Fast ↔	Con - Swept SA 50 Ω AC 00000000	3.0 MHz	s BW	Cen #Ree MSG MSG RI Cen
Auto Tun Center Free	67 ms (8001 pts) _2480 02:30:59 PMNov 20, 2017 TRACE [1 2 3 4 5 6 TYPE [MWWWWW DET  P P P P P	Sweep 1.0           status           -DQPSK_           -LIGN AUTO           :: Log-Pwr           10/10	Avg Typ Avg Hold	COutput Po	ducted Pe GHz PN0: Fast ↔	Con - Swept SA 50 Ω AC 00000000	3.0 MHz rum Analyzer - S RF 50 req 2.4800 Ref Offset 8	s BW	Agilen MSG 10 dE Log
Auto Tun Center Free	67 ms (8001 pts) _2480 02:30:59 PMNov 20, 2017 TRACE [1 2 3 4 5 6 TYPE [MWWWWW DET  P P P P P	Sweep 1.0           status           -DQPSK_           -LIGN AUTO           :: Log-Pwr           10/10	Avg Typ Avg Hold	COutput Po	ducted Pe GHz PN0: Fast ↔	Con - Swept SA 50 Ω AC 00000000	3.0 MHz rum Analyzer - S RF 50 req 2.4800 Ref Offset 8	s BW	Cen #Res Msg Agilen XI R Cen
Auto Tun Center Fre 2.48000000 GH Start Free	67 ms (8001 pts) _2480 02:30:59 PMNov 20, 2017 TRACE [1 2 3 4 5 6 TYPE [MWWWWW DET  P P P P P	Sweep 1.0           status           -DQPSK_           -LIGN AUTO           :: Log-Pwr           10/10	Avg Typ Avg Hold	COutput Po	ducted Pe GHz PN0: Fast ↔	Con - Swept SA 50 Ω AC 00000000	3.0 MHz rum Analyzer - S RF 50 req 2.4800 Ref Offset 8	s BW	Cen #Res Msg Agilen SG R Cen 10.0 0.00 -10.0
Auto Tun Center Free 2.48000000 GH Start Free 2.477500000 GH Stop Free 2.482500000 GH CF Step	67 ms (8001 pts) _2480 02:30:59 PMNov 20, 2017 TRACE [1 2 3 4 5 6 TYPE [MWWWWW DET  P P P P P	Sweep 1.0           status           -DQPSK_           -LIGN AUTO           :: Log-Pwr           10/10	Avg Typ Avg Hold	COutput Po	ducted Pe GHz PN0: Fast ↔	Con - Swept SA 50 Ω AC 00000000	3.0 MHz rum Analyzer - S RF 50 req 2.4800 Ref Offset 8	s BW	Cen #Re: Msg Agilen XX R Cen 10.0 0.00 -10.0
Auto Tun Center Free 2.480000000 GH Start Free 2.477500000 GH Stop Free 2.482500000 GH	67 ms (8001 pts) _2480 02:30:59 PMNov 20, 2017 TRACE [1 2 3 4 5 6 TYPE [MWWWWW DET  P P P P P	Sweep 1.0           status           -DQPSK_           -LIGN AUTO           :: Log-Pwr           10/10	Avg Typ Avg Hold	COutput Po	ducted Pe GHz PN0: Fast ↔	Con - Swept SA 50 Ω AC 00000000	3.0 MHz rum Analyzer - S RF 50 req 2.4800 Ref Offset 8	s BW	Cen #Res MISG Agilen XX R Cen 10.0 0.00 -10.0 -20.0 -30.0
Auto Tune Center Free 2.480000000 GH Start Free 2.477500000 GH Stop Free 2.482500000 GH CF Step 500.000 kH	67 ms (8001 pts) _2480 02:30:59 PMNov 20, 2017 TRACE [1 2 3 4 5 6 TYPE [MWWWWW DET  P P P P P	Sweep 1.0           status           -DQPSK_           -LIGN AUTO           :: Log-Pwr           10/10	Avg Typ Avg Hold	COutput Po	ducted Pe GHz PN0: Fast ↔	Con - Swept SA 50 Ω AC 00000000	3.0 MHz rum Analyzer - S RF 50 req 2.4800 Ref Offset 8	s BW	Cen #Re: MSG Agilen XI R Cen 10 dE Log 10.00 -10.0 -20.0 -30.0 -40.0

	02:33:17 PMNov 20, 2017	ALIGN AUTO	SENSE:PULSE		um Analyzer - Swept SA RF 50 Ω AC	ent Spectr RL
Frequency	TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P	Avg Type: Log-Pwr Avg Hold: 10/10			req 2.40200000	
Auto Tun	030 000 GHz 2.597 dBm	Mkr1 2.402		5	Ref Offset 8.07 dB Ref 20.00 dBm	dB/div
Center Fre 2.402000000 GH						g .0
			<b>↓</b> ¹			
<b>Start Fre</b> 2.399500000 GH						.0
Stop Fre 2.404500000 GH						.0
2.404500000 GH						.0
<b>CF Ste</b> j 500.000 kH <u>Auto</u> Ma						.0
Freq Offse						.0
он						
						.0
	67 ms (8001 pts) 2441	Sweep 1.0 status ower_8-DPSK_2	8.0 MHz Peak Output F		3.0 MHz	enter 2.4 es BW
Frequency	2441 02:35:32 PMNov 20, 2017 TRACE [1 2 3 4 5 6	status ower_8-DPSK_2	Peak Output F	Conducted 00 GHz PN0: Fast ↔	3.0 MHz	ent Spectr
Auto Tune	2441 02:35:32 PMNov 20, 2017	STATUS OWER_8-DPSK_2 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10		Conducted 00 GHz PN0: Fast ↔ IFGain:Low	<b>3.0 MHz</b> ( um Analyzer - Swept SA RF 50 Ω AC	ent Spectr RL PINTER F
Auto Tuno Center Fred	2441 02:35:32 PMNov 20, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P 980 625 GHZ	STATUS OWER_8-DPSK_2 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output F	Conducted 00 GHz PN0: Fast ↔ IFGain:Low	3.0 MHz um Analyzer - Swept SA RF 50 Ω AC req 2.44100000 Ref Offset 8.07 dB	ent Spectr
Auto Tun Center Free	2441 02:35:32 PMNov 20, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P 980 625 GHZ	STATUS OWER_8-DPSK_2 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output F	Conducted 00 GHz PN0: Fast ↔ IFGain:Low	3.0 MHz um Analyzer - Swept SA RF 50 Ω AC req 2.44100000 Ref Offset 8.07 dB	dB/div
Auto Tune	2441 02:35:32 PMNov 20, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P 980 625 GHZ	STATUS OWER_8-DPSK_2 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output F	Conducted 00 GHz PN0: Fast ↔ IFGain:Low	3.0 MHz um Analyzer - Swept SA RF 50 Ω AC req 2.44100000 Ref Offset 8.07 dB	ent Spectr RL   enter F
Auto Tune Center Free 2.441000000 GH Start Free 2.438500000 GH Stop Free	2441 02:35:32 PMNov 20, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P 980 625 GHZ	STATUS OWER_8-DPSK_2 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output F	Conducted 00 GHz PN0: Fast ↔ IFGain:Low	3.0 MHz um Analyzer - Swept SA RF 50 Ω AC req 2.44100000 Ref Offset 8.07 dB	dB/div
Auto Tun Center Fre 2.44100000 GH Start Fre 2.438500000 GH Stop Fre	2441 02:35:32 PMNov 20, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P 980 625 GHZ	STATUS OWER_8-DPSK_2 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output F	Conducted 00 GHz PN0: Fast ↔ IFGain:Low	3.0 MHz um Analyzer - Swept SA RF 50 Ω AC req 2.44100000 Ref Offset 8.07 dB	dB/div g 0 0 0 0
Auto Tun Center Free 2.441000000 GH Start Free 2.438500000 GH Stop Free 2.443500000 GH CF Stej 500.000 kH	2441 02:35:32 PMNov 20, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P 980 625 GHZ	STATUS OWER_8-DPSK_2 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output F	Conducted 00 GHz PN0: Fast ↔ IFGain:Low	3.0 MHz um Analyzer - Swept SA RF 50 Ω AC req 2.44100000 Ref Offset 8.07 dB	dB/div g 00 00 00 00 00 00 00 00 00 00 00 00 0
Auto Tune Center Free 2.441000000 GH Start Free 2.438500000 GH Stop Free 2.443500000 GH CF Step 500.000 kH Auto Mai	2441 02:35:32 PMNov 20, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P 980 625 GHZ	STATUS OWER_8-DPSK_2 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output F	Conducted 00 GHz PN0: Fast ↔ IFGain:Low	3.0 MHz um Analyzer - Swept SA RF 50 Ω AC req 2.44100000 Ref Offset 8.07 dB	dB/div g dB/div g dB/div g dB/div g dB/div g dB/div
Auto Tune Center Free 2.441000000 GH Start Free 2.438500000 GH Stop Free 2.443500000 GH CF Step 500.000 kH	2441 02:35:32 PMNov 20, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P 980 625 GHZ	STATUS OWER_8-DPSK_2 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output F	Conducted 00 GHz PN0: Fast ↔ IFGain:Low	3.0 MHz um Analyzer - Swept SA RF 50 Ω AC req 2.44100000 Ref Offset 8.07 dB	dB/div g dB/div g 0 0 0 0 0 0 0 0 0 0 0 0 0
Auto Tune Center Free 2.441000000 GH 2.438500000 GH 2.438500000 GH 2.443500000 GH CF Step 500.000 kH Auto Mai	2441 02:35:32 PMNov 20, 2017 TRACE 12 3 4 5 6 TYPE MWWWWW DET P P P P P 980 625 GHZ	STATUS OWER_8-DPSK_2 ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 10/10	Peak Output F	Conducted 00 GHz PN0: Fast ↔ IFGain:Low	3.0 MHz um Analyzer - Swept SA RF 50 Ω AC req 2.44100000 Ref Offset 8.07 dB	dB/div g dB/div g 0 0 0 0 0 0 0 0 0 0 0 0 0

Frequency	12:37:04 PMNov 20, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P	: Log-Pwr	Avg T Avg He	SENSE:PULSE	Trig:	GHz PNO: Fast ← IFGain:Low	RF 50 Ω AC <b>q 2.480000000</b>	enter Fr
Auto Tu	058 125 GHz 2.324 dBm	kr1 2.480			in ite	Foan.cow	Ref Offset 8.07 dB Ref 20.00 dBm	I0 dB/div
<b>Center Fr</b> 2.480000000 G				∳ ¹				- <b>og</b> 10.0
<b>Start Fre</b> 2.477500000 GH								.10.0
<b>Stop Fre</b> 2.482500000 GF								.20.0
CF Ste 500.000 kl								.30.0
<u>Auto</u> M								-50.0
Freq Offs 01								-60.0
								70.0

# A.3 Carrier Frequency Separation

Test Mode	Test Channel	Result[MHz]	Limit[MHz]	Verdict
	2402	1.009	0.69	PASS
GFSK	2441	0.994	0.69	PASS
	2480	0.918	0.69	PASS
	2402	1.024	0.86	PASS
π/4-DQPSK	2441	1.018	0.87	PASS
	2480	1.046	0.86	PASS
	2402	1.34	0.86	PASS
8-DPSK	2441	1.324	0.87	PASS
	2480	0.884	0.87	PASS

<b>lxi</b> rl	.   F	nalyzer - Swe F 50 Ω <b>2.40250</b>		lz		E:PULSE		ALIGNAUTO e: Log-Pwr	TRA	MNov 20, 2017 CE 1 2 3 4 5 6	Frequency
			PN	IO: Wide ↔ Gain:Low	式 Trig: Free #Atten: 30		Avg Hold	: 10/10	T) [		Auto Tu
10 dE		ef Offset 8.0 ef <b>20.00 c</b>						ΔMkr		50 MHz ).085 dB	Auto Tu
Log 10.0								<b>▲</b> 1∆:			Contor Er
0.00		www.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	man	www		- Marine Marine	, marine	Mayra		2.402500000 GH
-10.0	ᡒᡊ᠕ᠬᢍᢩ᠁	μ.,		· 'n	WWWWW	Ward	r.			Jan Marken Marken	
-20.0 -30.0											Start Fre
-40.0											2.401500000 GH
-50.0											Stop Fre
-60.0 -70.0											2.403500000 GH
	4.0.40454								Man 2.40	2500 01-	
	t 2.40150 s BW 100			#VBV	/ 300 kHz					3500 GHz (8001 pts)	CF Ste 200.000 kH
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Agilent ( <u>y</u> RL Cent 10.0 -10.0 -20.0 -30.0 -40.0 -50.0 -50.0 -60.0 -70.0 Star #Res 3 4 5 6 7 7	ter Freq 3/div R 3/div R τ 2.44050 s BW 100	F 50 Ω 2.44150 of Offset 8.0 of 20.00 c c c c c c c c c c c c c c c c c c c	pt SA AC   PN PN IFC 7 dB IBm 22~ 2 2 2 2 2 2 2 2 2 2 2 2 2	IZ 10: Wide → Sain:Low	SENSE → Trig: Free #Atten: 30		#Avg Typ Avg Hold	GFSK_2 ALIGN AUTO De: RMS : 10/10 1Δ: Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ	441 03:39:11 F TRA TRA TRA TRA TRA TRA TRA TRA	2017 CC 11 2 3 4 5 6 P P P P P P 994 kHz 0.010 dB 0.010 dB 0	Auto Tur           Center Fre           2.441500000 GF           Start Fre           2.440500000 GF           Stop Fre           2.442500000 GF           CF Ste           200.000 kF           Auto           Freq Offs

Agilent Spectrum An	- 50Ω.	AC		SENSE:	PULSE		ALIGN AUTO		PM Nov 20, 2017	Frequency
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0.00 -10.0	wwwwww	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Mary .	n	(	- Arr		The way	22	2.479500000 GH
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Start 2.47850 #Res BW 100			#VBW	300 kHz					30500 GHz (1001 pts)	CF Stej 200.000 kH
MKR MODE TRC SCL		X		Y	FUN	CTION   FL	INCTION WIDTH		TION VALUE	Auto Mar
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<	<mark>nalyzer - Swept</mark> 50 Ω	AC OOO GHZ PNO		SENSE:	PULSE	DN_π/4- #Avg Tyj Avg Hold	DQPSI ALIGNAUTO pe: RMS d: 10/10	C_2402	PMNov 20, 2017 ACE 1 2 3 4 5 6 YPE M WANNAW DET P P P P P P	
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Agilent Spectrum An MSG Agilent Spectrum An MRL RF Center Freq 2 10 dB/div Re 10 dB/div Re 10 dB/div Re	nalyzer - Swept 50 2 2.4025000 f Offset 8.07 f 20.00 dB	AC OOO GHZ PNO IFGa dB Bm	Z ): Wide ↔ in:Low	SENSE:	PULSE Run dB	#Avg Tyj Avg Hold	-DQPSP ALIGN AUTO pe: RMS ±: 10/10 ΔΙ 1 ΔΙ 1 Δ1 1 Δ2 	(_2402 03:42:21 ™ ™ <b>Vikr1 1.</b> ! -(	PMNov 20, 2017 ACE [1 2 3 4 5 6 YPE MWWWWW DET [P P P P P 024 MHz 0.392 dB	Auto Tun Center Free
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Agilent Spectrum An           MSG           Agilent Spectrum An           MSG           Center Freq 3           IO dB/div           Ref           10.0           0.00           -10.0           -20.0           -30.0           -60.0	nalyzer - Swept 50 2 2.4025000 f Offset 8.07 f 20.00 dB	AC OOO GHZ PNO IFGa dB Bm	Z ): Wide ↔ in:Low	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Tyj Avg Hold	-DQPSP ALIGN AUTO pe: RMS ±: 10/10 ΔΙ 1 ΔΙ 1 Δ1 1 Δ2 	(_2402 03:42:21 ™ ™ <b>Vikr1 1.</b> ! -(	PMNov 20, 2017 ACE [1 2 3 4 5 6 YPE MWWWWW DET [P P P P P 024 MHz 0.392 dB	Auto Tun Center Free 2.402500000 GH Start Free 2.401500000 GH
Agilent Spectrum An XX RL RF Center Freq X 10 dB/div Re 10 dB/div Re 10.0 .0.00 .10.0 .20.0 .30.0 .40.0 .50.0	nalyzer - Swept 50 2 2.4025000 f Offset 8.07 f 20.00 dB	AC OOO GHZ PNO IFGa dB Bm	Z ): Wide ↔ in:Low	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Tyj Avg Hold	-DQPSP ALIGN AUTO pe: RMS ±: 10/10 ΔΙ 1 ΔΙ 1 Δ1 1 Δ2 	(_2402 03:42:21 ™ ™ <b>Vikr1 1.</b> ! -(	PMNov 20, 2017 ACE [1 2 3 4 5 6 YPE MWWWWW DET [P P P P P 024 MHz 0.392 dB	Auto Tun Center Free 2.402500000 GH Start Free 2.401500000 GH
Agilent Spectrum An (M) RL RF Center Freq ( 10 dB/div Re 10.0 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .000 .0000 .000	alyzer - Swept 50 x 2.4025000 f Offset 8.07 f 20.00 dB 	AC OOO GHZ PNO IFGa dB Bm	Z D: Wide ++ in:Low	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Tyj Avg Hold	ALIGN AUTO pe: RMS #: 10/10 ΔΙ 1Δ2 	(_2402	PMNov 20, 2017 ACE 1 2 3 4 5 6 YPE M WWWW DET P P P P P P 024 MHz 0.392 dB	Auto Tun Center Fre 2.402500000 GH Start Fre 2.401500000 GH Stop Fre 2.403500000 GH
Agilent Spectrum An           MSG           Agilent Spectrum An           MSG           Center Freq 3           IO dB/div           Ref           10.0           0.00           -10.0           -20.0           -30.0           -60.0           -60.0           -70.0           Start 2.401500           #Res BW 100	alyzer - Swept 50 2 2.4025000 f Offset 8.07 f 20.00 dB 	SA AC OOO GHz PNO IFGa dB Sm	Z D: Wide ++ in:Low	SENSE: Trig: Free #Atten: 30	PULSE	#Avg Tyj Avg Hold	-DQPSH ALIGNAUTO pe: RMS i: 10/10 ΔΙ 1Δ2 	(_2402 ه:222 ۲۳ ۲۳ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰	PMNov 20, 2017 ACE [1 2 3 4 5 6 YPE MWWWWW DET  P P P P P 024 MHz 0.392 dB 024 MHz 0.392 dB 03500 GHz (1001 pts)	Auto Tun           Center Free           2.402500000 GH           Start Free           2.401500000 GH           Stop Free           2.403500000 GH           CF Step           200.000 kH
Agilent Spectrum An           VX         RL           Center Freq         Ref           10 dB/div         Ref           10.0         Ref           20.0         Ref           -50.0         Ref           -60.0         Ref           -70.0         Start 2.401500           #Res BW 100         MKR MODE TRC SCL	alyzer - Swept 50 2 2.4025000 f Offset 8.07 f 20.00 dB 	× 1.024	2 :: Wide	SENSE: * Trig: Free *Atten: 30 ************************************		#Avg Tyj Avg Hold	ALIGN AUTO pe: RMS #: 10/10 ΔΙ 1Δ2 	(_2402 ه:222 ۲۳ ۲۳ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰	PMNov 20, 2017 ACE 1 2 3 4 5 6 YPE M WWWW DET P P P P P P 024 MHz 0.392 dB	Auto Tun           Center Free           2.402500000 GH           Start Free           2.401500000 GH           Stop Free           2.403500000 GH           CF Stej           200.000 kH
Agilent Spectrum An           XX         RF           Center Freq         Ref           10 dB/div         Ref           10 dB/div         Ref           10 dB/div         Ref           10.0	alyzer - Swept 50 2 2.4025000 f Offset 8.07 f 20.00 dB 	SA AC ODO GHz PNO IFGa dB Sm	2 :: Wide	SENSE: Trig: Free #Atten: 30		#Avg Tyj Avg Hold	-DQPSH ALIGNAUTO pe: RMS i: 10/10 ΔΙ 1Δ2 	(_2402 ه:222 ۲۳ ۲۳ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰	PMNov 20, 2017 ACE [1 2 3 4 5 6 YPE MWWWWW DET  P P P P P 024 MHz 0.392 dB 024 MHz 0.392 dB 03500 GHz (1001 pts)	Auto Tun           Center Free           2.402500000 GH           Start Free           2.401500000 GH           Stop Free           2.403500000 GH           CF Step           200.000 kH           Auto           Freq Offsee
Agilent Spectrum An           MSG           Center Freq 2           Center Freq 2           Q         Ref           10 dB/div         Ref           10.0         Ref           10.0         Ref           10.0         Ref           10.0         Ref           10.0         Ref           20.0         Ref           30.0         Ref           40.0         Ref           50.0         Ref           Start 2.401500         Ref           #Res BW 100         MKR MODE         TRC SCL           1         2         F         f           3         3         3         4	alyzer - Swept 50 2 2.4025000 f Offset 8.07 f 20.00 dB 	× 1.024	2 :: Wide	SENSE: * Trig: Free *Atten: 30 ************************************		#Avg Tyj Avg Hold	-DQPSH ALIGNAUTO pe: RMS i: 10/10 ΔΙ 1Δ2 	(_2402 ه:222 ۲۳ ۲۳ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰	PMNov 20, 2017 ACE [1 2 3 4 5 6 YPE MWWWWW DET  P P P P P 024 MHz 0.392 dB 024 MHz 0.392 dB 03500 GHz (1001 pts)	Auto Tun           Center Free           2.402500000 GH           Start Free           2.401500000 GH           Stop Free           2.403500000 GH           CF Step           200.000 kH           Auto           Ma           Freq Offset
Agilent Spectrum An           XI         Ref           Center Freq 2           Conter Freq 2           Io dB/div         Ref           10 dB/div         Ref           200	alyzer - Swept 50 2 2.4025000 f Offset 8.07 f 20.00 dB 	× 1.024	2 :: Wide	SENSE: * Trig: Free *Atten: 30 ************************************		#Avg Tyj Avg Hold	-DQPSH ALIGNAUTO pe: RMS i: 10/10 ΔΙ 1Δ2 	(_2402 ه:222 ۲۳ ۲۳ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰	PMNov 20, 2017 ACE [1 2 3 4 5 6 YPE MWWWWW DET  P P P P P 024 MHz 0.392 dB 024 MHz 0.392 dB 03500 GHz (1001 pts)	Auto Tun           Center Free           2.402500000 GH           Start Free           2.401500000 GH           Stop Free           2.403500000 GH           CF Step           200.000 kH           Auto           Ma           Freq Offset
Agilent Spectrum An           Vil RL         RF           Center Freq 2         Ref           10 dB/div         Ref           10 0 dB/div         Ref           10 0 dB/div         Ref           10 0 dB/div         Ref           10 0 0	alyzer - Swept 50 2 2.4025000 f Offset 8.07 f 20.00 dB 	× 1.024	2 :: Wide	SENSE: * Trig: Free *Atten: 30 ************************************		#Avg Tyj Avg Hold	-DQPSH ALIGNAUTO pe: RMS i: 10/10 ΔΙ 1Δ2 	(_2402 ه:222 ۲۳ ۲۳ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰	PMNov 20, 2017 ACE [1 2 3 4 5 6 YPE MWWWWW DET  P P P P P 024 MHz 0.392 dB 024 MHz 0.392 dB 03500 GHz (1001 pts)	Auto Tun           Center Free           2.402500000 GH           Start Free           2.401500000 GH           Stop Free           2.403500000 GH           CF Step           200.000 kH           Auto           Freq Offsee
Agilent Spectrum An           XX         RL         RF           Center Freq 2         Ref           0 dB/div         Re           10.0	alyzer - Swept 50 2 2.4025000 f Offset 8.07 f 20.00 dB 	× 1.024	2 :: Wide	SENSE: * Trig: Free *Atten: 30 ************************************		#Avg Tyj Avg Hold	-DQPSH ALIGNAUTO pe: RMS i: 10/10 ΔΙ 1Δ2 	(_2402 ه:222 ۲۳ ۲۳ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰ ۲۰	PMNov 20, 2017 ACE [1 2 3 4 5 6 YPE MWWWWW DET  P P P P P 024 MHz 0.392 dB 024 MHz 0.392 dB 03500 GHz (1001 pts)	Auto Tun           Center Free           2.402500000 GH           Start Free           2.401500000 GH           Stop Free           2.403500000 GH           CF Step           200.000 kH

Frequency	PM Nov 20, 2017 RACE 1 2 3 4 5 6	TRA		#Avg T Avg Ho	SENSE:P		AC   00000 GH	m Analyzer - Sw RF 50 Ω eq 2.44150	XI RL
Auto Tui		1kr1 1.(			#Atten: 30 d	lO: Wide 🔸 Sain:Low	07 dB	Ref Offset 8. Ref 20.00	10 dB/div
<b>Center Fr</b> 2.441500000 GH		~~nA~~~~~	∆2		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<u>مە</u> 0		X2	
Start Fre									-10.0
2.440500000 GH									-40.0
2.442500000 GH									-60.0
CF Ste 200.000 kH <u>Auto</u> Ma	42500 GHz (1001 pts)	.000 ms		UNCTION	<b>300 kHz</b>		×	SCL	#Res BW
Freq Offse 0 H					-0.629 dE 4.446 dBn	3 MHz (∆) 2 GHz	1.01 2.440 83	f (Δ) f	1 Δ2 2 F 3 4 5
									6 7 8 9 10
	×		STATUS						11
		<b>'</b>	01/1100						480
	)	_2480	DQPSK	tion_π/4	ency Sep	r Frequ	Carrie		ISG
Frequency	. PM Nov 20, 2017 RACE 1 2 3 4 5 6	03:44:21	ALIGN AUTO e: RMS	#Avg T	SENSE:P		ept SA AC		Agilent Spectr
	PMNov 20, 2017 (ACCE 1 2 3 4 5 6 TYPE MUMUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	03:44:21 TR/ T	ALIGN AUTO e: RMS 10/10				ept SA AC D0000 GH PN IFC		Agilent Spectr
Auto Tun Center Fre	PMNov 20, 2017 RACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P	03:44:21 TR/ T	ALIGN AUTO e: RMS 10/10	#Avg T	SENSE:P	IZ IO: Wide ↔	ept SA AC   D00000 GH IFC D7 dB dBm	RF 50 Ω eq 2.47950 Ref Offset 8. Ref 20.00	Agilent Spectr
Auto Tun Center Fre 2.47950000 GH	PMNov 20, 2017 tace 1 2 3 4 5 6 тре Мижими рет Р Р Р Р Р Р 046 MHz 2.226 dB	03:44:21 TR T 1kr1 1.( -2		#Avg T	SENSE:PI	IZ IO: Wide ↔	ept SA AC   D00000 GH IFC D7 dB dBm	RF 50 Ω eq 2.47950 Ref Offset 8.	Agilent Spectr X RL Center F 10 dB/div Log 10.0 0.00
Auto Tun Center Fre	PMNov 20, 2017 tace 1 2 3 4 5 6 тре Мижими рет Р Р Р Р Р Р 046 MHz 2.226 dB	03:44:21 TR T 1kr1 1.( -2		#Avg T Avg Ho	SENSE:PI	IZ IO: Wide ↔ Sain:Low	ept SA AC   D00000 GH IFC D7 dB dBm	RF 50 Ω eq 2.47950 Ref Offset 8. Ref 20.00	Agilent Spectr X RL Center F 10 dB/div Log 10.0 0.00
Auto Tun Center Fre 2.47950000 GH Start Fre	PMNov 20, 2017 tace 1 2 3 4 5 6 тре Мижими рет Р Р Р Р Р Р 046 MHz 2.226 dB	03:44:21 TR T 1kr1 1.( -2		#Avg T Avg Ho	SENSE:PI	IZ IO: Wide ↔ Sain:Low	ept SA AC   D00000 GH IFC D7 dB dBm	RF 50 Ω eq 2.47950 Ref Offset 8. Ref 20.00	Agilent Spectr X RL Center F 10 dB/div 10.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0
Auto Tur Center Fre 2.479500000 GF 2.478500000 GF 2.478500000 GF 2.480500000 GF 2.480500000 GF CF Ste 200.000 kF	PMNov 20, 2017 ACE 12 3 4 5 6 DET P P P P P P 046 MHz 2.226 dB 046 mHz 2.226 dB 046 mHz 2.226 dB 046 mHz 2.226 dB 046 mHz 2.226 dB 046 mHz 2.226 dB 046 mHz 046 mHz 04	03:44:21 TR T 1kr1 1.0 Δ2 Δ2 Δ2 Δ2 Δ2 Δ2 Δ2 Δ2 Δ2 Δ2		#Avg T Avg Ho	SENSE:PI	Z O: Wide → Sain:Low	ept SA AC   D00000 GH IFC D7 dB dBm	Ref Offset 8. Ref 20.00	Agilent Spectr X RL Center F 10 dB/div -99 10.0 -0.0 -20.0 -30.0 -30.0 -50.0 -60.0 -70.0
Auto Tur Center Fre 2.479500000 GF 2.478500000 GF 2.478500000 GF 2.480500000 GF 2.480500000 GF	PMNov 20, 2017 ACE 12 3 4 5 6 DET P P P P P P 046 MHz 2.226 dB 046 mHz 2.226 dB 046 mHz 2.226 dB 046 mHz 2.226 dB 046 mHz 2.226 dB 046 mHz 2.226 dB 046 mHz 046 mHz 04	03:44:21 TR T 1kr1 1.( -2 Δ2 			SENSE:P	Z 0: Wide ain:Low 	ept SA AC   D00000 GH Ph IFC D07 dB dBm 	Ref Offset 8. Ref Offset 8. Ref 20.00	Agilent Spectr X RL Center F 10 dB/div 10.0 10.0 -10.0 -20.0 -30.0 -30.0 -40.0 -60.0 -70.0 Start 2.47

LXI RL		AC		SENSE:	PULSE	#Avg Type			MNov 20, 2017 CE 1 2 3 4 5 6	Frequency
Center Fr	eq 2.40250	PNO	∠ O: Wide ↔ ain:Low	Trig: Free #Atten: 30		Avg Hold:		T\ [	PE MWWWW ET P P P P P P	
10 dB/div	Ref Offset 8.0 Ref 20.00 (						ΔN		840 MHz 201 dB	Auto Tur
								1∆2		Center Fre
0.00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				Land Contract	ᡔᠽ᠆ᡔ᠆ᠴ᠕ᢩᡘᠰ	m	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		2.402500000 GH
-20.0										Start Fre
-30.0										2.401500000 GH
-50.0										Stop Fre
-70.0										2.403500000 GH
Start 2.40′ #Res BW		I	#\/@\^i	/ 300 kHz			Sween 1	top 2.40	3500 GHz (1001 pts)	CF Ste
MKR MODE TRI	C  SCL	×		Y	FUNC		ICTION WIDTH			200.000 k⊢ <u>Auto</u> Ma
1 Δ2 2 F 3	f (Δ) f	1.340 2.401 826	) MHz (∆) i GHz	0.201 d 4.056 dB						FreqOffse
4 5 6										0+
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				Ш			STATUS	5	<b>▼</b>	
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Agilent Spectru	m Analyzer - Swe	ept SA	ier Frec				DPSK_2	2441		
Agilent Spectru	m Analyzer - Swe RF 50 Ω eq 2.44150	pt SA AC	z	SENSE:	PULSE		DPSK_2	2441 03:49:05 F TRA	MNov 20, 2017 CE 1 2 3 4 5 FE MUMANANA	Frequency
Agilent Spectru	RF 50 Ω eq 2.44150	ept SA AC 100000 GH2 PN0 IFG3		SENSE:	PULSE	#Avg Type	DPSK_2 ALIGN AUTO e: RMS : 10/10	2441 03:49:05 F TRA TY C	MNov 20, 2017 CE 1 2 3 4 5 6 PE MWWWWW DET P P P P P P	Frequency Auto Tun
Agilent Spectru	RF 50 Ω	ept SA AC 100000 GH2 PNC IFG3 07 dB	Z O: Wide ↔►	SENSE:	PULSE	#Avg Type	DPSK_2 ALIGN AUTO e: RMS : 10/10	2441 03:49:05 F TRA TN C 1kr1 1.3 0	MNov 20, 2017 CE 1 2 3 4 5 FE MUMANANA	
Agilent Spectru VI RL Center Fr 10 dB/div Log 10.0	Ref Offset 8.0 Ref 20.00 0	PT SA AC 100000 GH: PNO IFG: 17 dB 18m	Z O: Wide ↔►	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Type Avg Hold:	ALIGN AUTO e: RMS : 10/10	2441 03:49:05 F TRA T} 0 1kr1 1.3 0 0	MNov 20, 2017 CE 11 2 3 4 5 6 PE MWWWWW ET P P P P P S24 MHz .351 dB	Auto Tun Center Fre
11           MSG           Agilent Spectru           XI RL           Center Fr           10 dB/div           Log           10.0           0.00           -10.0	Ref Offset 8.0 Ref 20.00 0	PT SA AC 100000 GH: PNO IFG: 17 dB 18m	Z O: Wide ↔►	SENSE:	PULSE Run dB	#Avg Type Avg Hold:	ALIGN AUTO e: RMS : 10/10	2441 03:49:05 F TRA T} 0 1kr1 1.3 0 0	MNov 20, 2017 CE 1 2 3 4 5 6 PE M WWWWW NET P P P P P P B24 MHz	Auto Tun
Agilent Spectru MSG Agilent Spectru MSG Agilent Spectru MSG 10 dB/div Log 10.0 0.00	Ref Offset 8.0 Ref 20.00 0	PT SA AC 100000 GH: PNO IFG: 17 dB 18m	Z O: Wide ↔►	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Type Avg Hold:	ALIGN AUTO e: RMS : 10/10	2441 03:49:05 F TRA T} 0 1kr1 1.3 0 0	MNov 20, 2017 CE 11 2 3 4 5 6 PE MWWWWW ET P P P P P S24 MHz .351 dB	Auto Tun Center Fre 2.441500000 G⊢ Start Fre
11           MsG           Agilent Spectru           02           RL           Center Fr           10 dB/div           Log           10.0           0.00           -0.0           -10.0           -30.0           -40.0	Ref Offset 8.0 Ref 20.00 0	PT SA AC 100000 GH: PNO IFG: 17 dB 18m	Z O: Wide ↔►	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Type Avg Hold:	ALIGN AUTO e: RMS : 10/10	2441 03:49:05 F TRA T} 0 1kr1 1.3 0 0	MNov 20, 2017 CE 11 2 3 4 5 6 PE MWWWWW ET P P P P P S24 MHz .351 dB	Auto Tun Center Fre 2.441500000 GH
11           MSG           Agilent Spectru           Øg RL           Center Fr           10 dB/div           -00           -10.0           -20.0           -30.0	Ref Offset 8.0 Ref 20.00 0	PT SA AC 100000 GH: PNO IFG: 17 dB 18m	Z O: Wide ↔►	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Type Avg Hold:	ALIGN AUTO e: RMS : 10/10	2441 03:49:05 F TRA T} 0 1kr1 1.3 0 0	MNov 20, 2017 CE 11 2 3 4 5 6 PE MWWWWW ET P P P P P S24 MHz .351 dB	Auto Tun Center Fre 2.441500000 GH Start Fre 2.440500000 GH Stop Fre
11           MsG           Agilent Spectru           QM RL           Center Fr           10 dB/div           10 dB/div           10.0	Ref Offset 8.0 Ref 2.44150	PT SA AC 100000 GH: PNO IFG: 17 dB 18m	Z O: Wide ↔►	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Type Avg Hold:		03:49:05 F TRA TRA <b>1kr1 1.3</b> 0 1/1/2 _	MNov 20, 2017 CE 1 2 3 4 5 6 PP MWWWWW ET P P P P P P 324 MHz .351 dB	Auto Tun Center Fre 2.441500000 GH Start Fre 2.440500000 GH
11           MSG           Agilent Spectru           MI RL           Center Fr           10 dB/div           10.0           0.00           -20.0           -30.0           -40.0           -60.0	Ref Offset 8.0 Ref Offset 8.0 Ref 20.00 0	PT SA AC 100000 GH: PNO IFG: 17 dB 18m	Z O: Wide ↔ ain:Low	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Type Avg Hold:		2441 2441 103:49:05 F TRA TRA 1A2 _ 1A2 _ 1A3 _ 1A2 _ 1A3 _ 1	MNov 20, 2017 CE 11 2 3 4 5 6 PE MWWWWW ET P P P P P S24 MHz .351 dB	Auto Tun Center Fre 2.441500000 GH 2.440500000 GH 2.440500000 GH 2.442500000 GH CF Ste 200.000 kH
Agilent Spectru           MSG           Agilent Spectru           QM RL           Center Fr           10 dB/div           11 A2	Ref Offset 8.0 Ref Offset 8.0 Ref 20.00 of Conversion 2 Conversion 2	PPT SA AC   PNC PNC IFG: 7 dB IBm AC PNC PNC IFG: AC PNC PNC PNC PNC PNC PNC PNC PN	Z 0: Wide → ain:Low #VBW	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Type Avg Hold:		2441 03:49:05 F TRA TRA 0 1A2 - 1A2 - 1A2 - 0 1A2 - 1A 1A3 - 1A 1A 1A3 - 1A 1A3 - 1A 1A3 - 1A 1A3 - 1A 1A 1A 1A 1A 1A 1A 1A 1A 1A	MNov 20, 2017 CE 1 2 3 4 5 6 PP MWWWWW ET P P P P P P 24 MHz .351 dB .351 dB	Auto Tun Center Fre 2.441500000 GH 2.440500000 GH 2.440500000 GH 2.442500000 GH CF Ste
Agilent Spectru           Agilent Spectru           Xa RL           Center Fr           10 dB/div           Log           10.0           0.00           -20.0           -30.0           -40.0           -60.0           -70.0           Start 2.444           #Res BW 1           1 A2           3	Ref Offset 8.0 Ref Offset 8.0 Ref 20.00 0 Covernment 2000 0 Covern	x	Z 0: Wide → ain:Low #VBW	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Type Avg Hold:		2441 03:49:05 F TRA TRA 0 1A2 - 1A2 - 1A2 - 0 1A2 - 1A 1A3 - 1A 1A 1A3 - 1A 1A3 - 1A 1A3 - 1A 1A3 - 1A 1A 1A 1A 1A 1A 1A 1A 1A 1A	MNov 20, 2017 CE 12 3 4 5 6 PP MWWWW ET P P P P P 224 MHz .351 dB 	Auto Tun           Center Fre           2.441500000 GF           Start Fre           2.440500000 GF           Stop Fre           2.442500000 GF           CF Ste           200.000 kF           Auto           Mate           Freq Offse
11           MSG           Agilent Spectru           QZ RL           Center Fr           10 dB/div           Log           10.0           0.00           -20.0           -30.0           -40.0           -50.0           -70.0           Start 2.444           #Res BW           MKR MODE TRI           1 A2           3           4           5           6	Ref Offset 8.0 Ref Offset 8.0 Ref 20.00 0 Conversion 2 Conversion 2	PPT SA AC   PNC PNC IFG: 7 dB IBm AC PNC PNC IFG: AC PNC PNC PNC PNC PNC PNC PNC PN	Z 0: Wide → ain:Low #VBW	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Type Avg Hold:		2441 03:49:05 F TRA TRA 0 1A2 - 1A2 - 1A2 - 0 1A2 - 1A 1A3 - 1A 1A 1A3 - 1A 1A3 - 1A 1A3 - 1A 1A3 - 1A 1A 1A 1A 1A 1A 1A 1A 1A 1A	MNov 20, 2017 CE 12 3 4 5 6 PP MWWWW ET P P P P P 224 MHz .351 dB 	Auto Tun Center Fre 2.441500000 GH 2.440500000 GH 2.440500000 GH 2.442500000 GH CF Ste 200.000 kH
Agilent Spectru           MsG           Agilent Spectru           QI RL           Center Fr           10 dB/div	Ref Offset 8.0 Ref Offset 8.0 Ref 20.00 0 Conversion 2 Conversion 2	PPT SA AC   PNC PNC IFG: 7 dB IBm AC PNC PNC IFG: AC PNC PNC PNC PNC PNC PNC PNC PN	Z 0: Wide → ain:Low #VBW	SENSE: Trig: Free #Atten: 30	PULSE Run dB	#Avg Type Avg Hold:		2441 03:49:05 F TRA TRA 0 1A2 - 1A2 - 1A2 - 0 1A2 - 1A 1A3 - 1A 1A 1A3 - 1A 1A3 - 1A 1A3 - 1A 1A3 - 1A 1A 1A 1A 1A 1A 1A 1A 1A 1A	MNov 20, 2017 CE 12 3 4 5 6 PP MWWWW ET P P P P P 224 MHz .351 dB 	Auto Tun Center Fre 2.441500000 GH 2.440500000 GH 2.440500000 GH 2.442500000 GH 2.442500000 GH CF Ste 200.000 kH Auto Ma

	03:49:28 PM Nov 20, 2017	ALIGN AUTO	SENSE:PULSE		c <mark>trum Analyzer - Swep</mark> RF 50 Ω	XI RL
Frequency	TRACE 1 2 3 4 5 6	#Avg Type: RMS Avg Hold: 10/10	]'	00000 GHz	Freq 2.479500	
- · -	TYPE MWWWWW DET PPPPP		#Atten: 30 dB	PNO: Wide 🔸 IFGain:Low		
Auto Tur	∆Mkr1 884 kHz 1.467 dB	٢			Ref Offset 8.07 Ref 20.00 di	10 dB/div
Center Fre		1∆2				10.0
2.479500000 GH	when when the		www.Wendleware	margan and and and and and and and and and a	wowner	0.00
Start Fre						-20.0
2.478500000 GH						-30.0
						-40.0
Stop Fre						-50.0
2.480500000 GH						-70.0
CF Ste	top 2.480500 GHz				178500 GHz	
200.000 kH <u>Auto</u> Ma	000 ms (1001 pts)	Sweep 1.	Y FUI	#VBW	N 100 kHz	WKR MODE
	PONCTION VALUE	PONCTION WIDTH	1.467 dB	884 kHz (Δ)	f (Δ)	1 <u>A</u> 2
Freq Offse			1.908 dBm	2.479 108 GHz	f	2 F 3
0 H						4 5
						6 7
						8

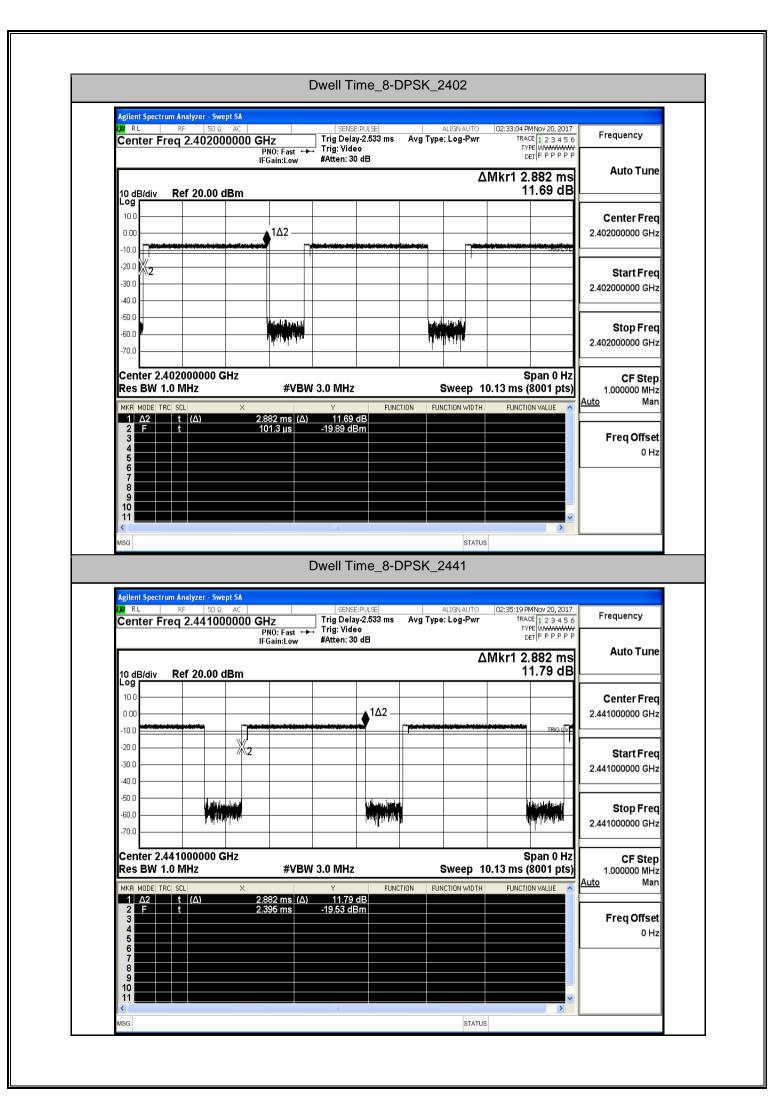
#### A.4 Dwell Time

Test Mode	Test Channel	Burst Width[ms/hop/ch]	Total Hops[hop*ch]	Dwell Time[s]	Limit[s]	Verdict
	2402	2.88	106.7	0.307	0.4	PASS
GFSK	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
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	- 50Ω AC		SENSE:P			ALIGNAUTO	03:26:51 PM		Frequency
Center Freq 3	2.402000000	) GHz PNO: Fast IFGain:Low			Avg Ty	ype: Log-Pwr	TRACE TYPE DET	123456 WWWWWWW PPPPPP	Trequency
		ii ouiiicou				Δ	Mkr1 2.8	375 ms .72 dB	Auto Tune
Log	f 20.00 dBm							.72 ub	
0.00				1∆2 [−]	p-100000-0-0			M	Center Fred 2.402000000 GHz
-10.0		2		_				TRIG LVL	
-20.0 -30.0									Start Fred 2.402000000 GHz
-40.0									
-60.0	10,00,00,00,00,00,00,00,00,00,00,00,00,0			indiana La hailaith	(FFB) (Jahr				Stop Fred 2.402000000 GHz
-70.0	4			11.1					2.40200000 GH2
Center 2.4020 Res BW 1.0 M		#VI	BW 3.0 MHz	_	_	Sweep 10	Sp 0.13 ms (8	oan 0 Hz 001 pts)	CF Step 1.000000 MHz
MKR MODE TRC SCL	ι ×	2.875 ms (	γ (Δ) 11.72 dl		CTION	FUNCTION WIDTH	FUNCTION	I VALUE	<u>Auto</u> Mar
2 F t 3 4		2.527 ms	-14.15 dBn						Freq Offset
5 6								=	0 Hz
7 8 9									
10 11								~	
			Ш			STATUS	•	>	
11			Dwell Ti	me_G	FSK_2		3		
MSG	aluzer - Swent SA		Dwell Ti	me_G	FSK_2				
Agilent Spectrum Ana	50Ω AC	) GHz	Dwell Tin	ULSE			03:29:20 PMI TRACE	Nov 20, 2017 1 2 3 4 5 6	Frequency
Agilent Spectrum And	50Ω AC	) GHz PNO: Fast IFGain:Low	SENSE:PI	ULSE 2.533 ms		2441 ALIGN AUTO	03:29:20 PMI TRACE TYPE	Nov 20, 2017	
Agilent Spectrum And XX RL RF Center Freq 2	50 Ω AC 2.441000000	PNO: Fast	SENSE:P Trig Delay-2 Trig: Video	ULSE 2.533 ms		2441 ALIGN AUTO Appe: Log-Pwr	03:29:20 PMI TRACE TYPE DET Mkr1 2.8	Nov 20, 2017 1 2 3 4 5 6 WWWWW P P P P P P	Frequency Auto Tune
Agilent Spectrum And XX RL RF Center Freq 2	50Ω AC	PNO: Fast	SENSE:P Trig Delay-2 Trig: Video	ULSE 2.533 ms IB		2441 ALIGN AUTO Appe: Log-Pwr	03:29:20 PMI TRACE TYPE DET Mkr1 2.8	Nov 20, 2017 1 2 3 4 5 6 WWWWWW PPPPPP 877 ms	Auto Tune
Agilent Spectrum And Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent A	50 Ω AC 2.441000000	PNO: Fast	SENSE:P Trig Delay-2 Trig: Video	ULSE 2.533 ms		2441 ALIGN AUTO Appe: Log-Pwr	03:29:20 PMI TRACE TYPE DET Mkr1 2.8	Nov 20, 2017 1 2 3 4 5 6 WWWWWW PPPPPP 877 ms	
Agilent Spectrum And XX RL RF Center Freq 2 10 dB/div Ref	2.441000000 f 20.00 dBm	PNO: Fast	SENSE:P Trig Delay-2 Trig: Video	ULSE 2.533 ms IB		2441 ALIGN AUTO (ppe: Log-Pwr	03:29:20 PMI TRACE TYPE DET Mkr1 2.8	Nov 20, 2017 1 2 3 4 5 6 WWWWWW P P P P P 877 ms .38 dB	Auto Tune Center Freq 2.441000000 GHz
Agilent Spectrum And X RL RF Center Freq 2 10 dB/div Ret 10.0 0.00 -10.0	2.441000000 f 20.00 dBm	PNO: Fast IFGain:Low	SENSE:P Trig Delay-2 Trig: Video	ULSE 2.533 ms IB		2441 ALIGN AUTO (ppe: Log-Pwr	03:29:20 PMI TRACE TYPE DET Mkr1 2.8	Nov 20, 2017 1 2 3 4 5 6 WWWWWW P P P P P 877 ms .38 dB	Auto Tune Center Freq
Agilent Spectrum And X RL RF Center Freq 2 10 dB/div Ref 10 0 10.0 0.00 -10.0 -20.0 -30.0 -40.0	50 Q AC 2.441000000 f 20.00 dBm	PNO: Fast IFGain:Low	SENSE:P Trig Delay-2 Trig: Video	1Δ2	Avg Ty	2441 ALIGN AUTO (ppe: Log-Pwr	03:29:20 PMI TRACE TYPE DET Mkr1 2.8 10	Nov 20, 2017 1 2 3 4 5 6 WWWWWW P P P P P P 377 ms .38 dB TRIG LV[	Auto Tune Center Freq 2.44100000 GHz Start Freq
Agilent Spectrum And           MSG           Agilent Spectrum And           XI RL         RF           Center Freq 2           10 dB/div         Ref           10 dB/div         Ref           200         10.0           10.0         10.0           -10.0	2.441000000 f 20.00 dBm	PNO: Fast IFGain:Low	SENSE:P Trig Delay-2 Trig: Video	ULSE 2.533 ms IB	Avg Ty	2441 ALIGN AUTO (ppe: Log-Pwr	03:29:20 PMI TRACE TYPE DET Mkr1 2.8 10	Nov 20, 2017 1 2 3 4 5 6 WWWWWW P P P P P 877 ms .38 dB	Auto Tune Center Freq 2.44100000 GHz Start Freq 2.441000000 GHz Stop Freq
Agilent Spectrum And           MSG           Agilent Spectrum And           XI RL         RF           Center Freq 2           10 dB/div         Ref           10 dB/div         Ref           200         10.0           10.0         10.0           -10.0	50 Ω AC 2.441000000 f 20.00 dBm	PNO: Fast IFGain:Low	SENSE:P Trig Delay-2 Trig: Video	1Δ2	Avg Ty	2441 ALIGN AUTO (ppe: Log-Pwr	03:29:20 PMI TRACE TYPE DET Mkr1 2.8 10	Nov 20, 2017 1 2 3 4 5 6 WWWWWW P P P P P P 377 ms .38 dB TRIG LV[	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz
Agilent Spectrum And XX RL RF Center Freq X 10 dB/div Ref 10 0 10.0 .00 .10.0 .20.0 .30.0 .40.0 .50.0	50 Ω AC 2.441000000 f 20.00 dBm	PN0: Fast IFGain:Low	SENSE:P Trig Delay-2 Trig: Video	1Δ2	Avg Ty	2441	03:29:20 PMI TRACE TYPE DET Mkr1 2.8 10	Nov 20, 2017 1 2 3 4 5 6 WWWWWW P P P P P P <b>377 ms</b> <b>38 dB</b> TRIGLVE	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz Stop Freq 2.441000000 GHz CF Step
Agilent Spectrum And X RL RF Center Freq 2 10 dB/div Ref 10 0 0.00 -10.0 -20.0 -30.0 -40.0 -50.0 -40.0 -50.0 -70.0 Center 2.4410 Res BW 1.0 M	50 Q AC 2.441000000 f 20.00 dBm	PN0: Fast IFGain:Low	SENSE:P	1Δ2 (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4,4) (1,4,4) (1,4,4) (1,4,4) (1,4,4) (1,4,4) (1,4,4) (1,4,4)	Avg Ty	2441 ALIGN AUTO (ppe: Log-Pwr	03:29:20 PMI TRACE TYPE DET Mkr1 2.8 10	Nov 20, 2017 1 2 3 4 5 6 WWWWWW P P P P P <b>377 ms</b> <b>38 dB</b> TRIG LV (1011111111111111111111111111111111111	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz Stop Freq 2.441000000 GHz
Agilent Spectrum And X RL         RF           Center Freq 2         10 dB/div         Ref           Log         10.0         0.00           10.0         0.00         0.00           .20.0         0.00         0.00           .30.0         0.00         0.00           .40.0         0.00         0.00           .60.0         0.00         0.00           .70.0         0.00         0.00           .70.0         0.00         0.00           .70.0         0.00         0.00           .70.0         0.00         0.00           .70.0         0.00         0.00	50 Ω AC 2.441000000 f 20.00 dBm	PN0: Fast IFGain:Low	SENSE:P	ULSE 2.533 ms B 1Δ2 1Δ2 1Δ2 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4	Avg Ty	2441	03:29:20 PM/ TRACE TYPE DET Mkr1 2.8 10	Nov 20, 2017 1 2 3 4 5 6 WWWWWW P P P P P <b>377 ms</b> <b>38 dB</b> TRIG LV (1011111111111111111111111111111111111	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz Stop Freq 2.441000000 GHz CF Step 1.000000 MHz
Agilent Spectrum And X RL RF Center Freq 2 10 dB/div Ref 10 dB/div Ref 10 dB/div Ref 200 10.0 -0.0 -10.0 -20.0 -30.0 -40.0 -30.0 -40.0 -50.0 Center 2.4410 Res BW 1.0 M MKR MODE TRC SCL 1 A2 t 5 t 3 4 5 t 1 5 t	50 Ω AC 2.441000000 f 20.00 dBm	PN0: Fast IFGain:Low	SENSE:P	ULSE 2.533 ms B 1Δ2 1Δ2 1Δ2 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4	Avg Ty	2441	03:29:20 PM/ TRACE TYPE DET Mkr1 2.8 10	Nov 20, 2017 1 2 3 4 5 6 WWWWWW P P P P P <b>377 ms</b> <b>38 dB</b> TRIG LV (1011111111111111111111111111111111111	Auto Tune Center Freq 2.441000000 GHz Start Freq 2.441000000 GHz 2.441000000 GHz 2.441000000 GHz 1.000000 MHz Auto Man
Agilent Spectrum And X RL RF Center Freq 2 10 dB/div Ref 10 0 0.00 10.0 -20.0 -30.0 -40.0 -50.0 -40.0 -50.0 -40.0 -70.0 Center 2.4410 Res BW 1.0 M	50 Ω AC 2.441000000 f 20.00 dBm	PN0: Fast IFGain:Low	SENSE:P	ULSE 2.533 ms B 1Δ2 1Δ2 1Δ2 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4 1Δ4	Avg Ty	2441	03:29:20 PM/ TRACE TYPE DET Mkr1 2.8 10	Nov 20, 2017 1 2 3 4 5 6 WWWWWW P P P P P <b>377 ms</b> <b>38 dB</b> TRIG LV (1011111111111111111111111111111111111	Auto Tune Center Freq 2.441000000 GHz 2.441000000 GHz 2.441000000 GHz 2.441000000 GHz 2.441000000 GHz CF Step 1.000000 MHz Auto Man

Agilent Spectrum Ar		SENSE:P		ALIGNAUTO	2:24:40 PM Nov 20, 2017 TRACE 1 2 3 4 5 6	Frequency
	PN	0: Fast ↔→→ Trig: Video ain:Low #Atten: 30 d	В	ΔΜ	TYPE WWWWWWW DET P P P P P P	Auto Tune
10 dB/div <b>R</b> e	ef 20.00 dBm				10.61 dB	
10.0 0.00 10.0			1∆2			<b>Center Freq</b> 2.480000000 GHz
-20.0 -30.0 -40.0	<u> </u>					<b>Start Freq</b> 2.480000000 GHz
-50.0 -60.0 -70.0			141 AN			<b>Stop Freq</b> 2.480000000 GHz
Center 2.4800 Res BW 1.0 M	/IHz	#VBW 3.0 MHz	FUNCTION	Sweep 10.1	Span 0 Hz 3 ms (8001 pts)	<b>CF Step</b> 1.000000 MHz <u>Auto</u> Man
1 Δ2 t 2 F t 3 4 5 5	(Δ) 2.87	/7 ms (∆) 10.61 dB 27 ms -16.85 dBm	3			Freq Offset 0 Hz
6 7 8 9 10						
11						
MSG			-// 202	STATUS		
<		Dwell Time	_π/4-DQP			
Agilent Spectrum Ar	F 50Ω AC	SENSE:PI	ULSE	SK_2402	2:27:02 PM Nov 20, 2017	Frequency
Agilent Spectrum Ar	F 50 Ω AC 2.402000000 GH PN	SENSE:PI	ULSE 2.533 ms Avg	SK_2402		Frequency
Agilent Spectrum Ar	F 50 Ω AC 2.402000000 GH PN IFG	Z O:Fast ↔ Trig Video	ULSE 2.533 ms Avg	SK_2402	2:27:02 PMNov 20,2017 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P P P kr1 2.879 ms	Frequency Auto Tune
Agilent Spectrum Ar	F 50 Ω AC 2.402000000 GH PN	Z O:Fast ↔ Trig Video	ULSE 2.533 ms Avg	SK_2402	2:27:02 PMNov 20, 2017 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P P P	
Agilent Spectrum Ar	F 50 Q AC 2.402000000 GH PN IFG 20.00 dBm	Z O:Fast ↔ Trig Video	2.533 ms Avg B 1Δ2	SK_2402	2:27:02 PMNov 20,2017 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P P P kr1 2.879 ms	Auto Tune Center Freq 2.40200000 GHz Start Freq
Agilent Spectrum Ar MSG Center Freq 10 dB/div Re 10.0 0.00 -10.0	F 50 Ω AC 2.402000000 GH: PN IFG 20.00 dBm 2.40200000 GH: PN PN PN PN PN PN PN PN PN PN	Z O:Fast ↔ Trig Video	2.533 ms Avg B 1Δ2 1Δ2	SK_2402	2:27:02 PMNov 20, 2017 TRACE [] 2 3 4 56 TYPE WWWWWW DET P P P P P P kr1 2.879 ms 13.84 dB TRIQLY	Auto Tune Center Freq 2.40200000 GHz Start Freq 2.40200000 GHz
Agilent Spectrum Ar           XX         RL           Center Freq           10.0         RL           10.0         RL	F 50 Q AC 2.402000000 GH PN IFG 20.00 dBm	Z O:Fast ↔ Trig Video	2.533 ms Avg B 1Δ2	SK_2402	2:27:02 PMNov 20, 2017 TRACE [12:3456 TYPE WWWWWWWWWWWWWWWWWWWWW DEI P P P P P P kr1 2.879 ms 13.84 dB	Auto Tune Center Freq 2.40200000 GHz Start Freq
Agilent Spectrum Ar           MSG           Center Freq           10 dB/div         Re	F 50 Q AC 2.40200000 GHz PN IFG 2.40200000 GHz PN PN PN PN PN PN PN PN PN PN	Z Trig Delay-2 C: Fast + Trig: Video ain:Low #Atten: 30 d	ULE   2.533 ms Avg Β 1Δ2 Γ Γ Γ Γ Γ Γ Γ Γ Γ Γ Γ Γ Γ	SK_2402	2:27:02 PMNov 20, 2017 TRACE [] 2 3 4 56 TYPE WWWWWW DET P P P P P P kr1 2.879 ms 13.84 dB TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE	Auto Tune Center Freq 2.40200000 GHz Start Freq 2.402000000 GHz Stop Freq 2.402000000 GHz CF Step 1.000000 MHz
Agilent Spectrum Ar           MSG           10 dB/div           RE           10 dB/div           Res           Res           BW 1.0 M           MKR MODE           1 A2           1 A2           1 A2	F 50 Ω AC 2.40200000 GHz PN IFG 2.40200000 GHz PN PN PN PN PN PN PN PN PN PN	Z Trig Delay-2 O: Fast + Trig: Video ain:Low #Atten: 30 d		SK_2402	2:27:02 PMNov 20, 2017 TRACE [12:34:56 TVPE PPPPP kr1 2.879 ms 13.84 dB TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGINE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE TRIGUNE	Auto Tune Center Freq 2.40200000 GHz Start Freq 2.40200000 GHz 2.40200000 GHz 2.40200000 GHz CF Step 1.000000 MHz Auto Man
Agilent Spectrum Ar           X         RL         RJ           Center Freq         RI         RI           10.0         Bit div         Re           10.0         RI         RI           20.0         RI         RI           -30.0         RI         RI           -30.0         RI         RI           -60.0         RI         RI           Center 2.4020         RE         RI           MKR MODE         TRC SC         RI           A2         F         t	F 50 Ω AC 2.40200000 GHz PN IFG 2.40200000 GHz PN PN PN PN PN PN PN PN PN PN	Z D: Fast +		SK_2402	2:27:02 PMNov 20, 2017 TRACE [] 2 3 4 56 TYPE WWWWWW DET P P P P P P kr1 2.879 ms 13.84 dB TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE TRIGUE	Auto Tune Center Freq 2.402000000 GHz 2.402000000 GHz 2.402000000 GHz 2.402000000 GHz 1.000000 MHz Auto Man

Agilent Spectrum Analyzer - Swept S LXI RL RF 50Ω A		SE:PULSE	ALIGN AUTO	02:29:17 PMNov 20, 2017	
Center Freq 2.4410000	000 GHz PN0: Fast ↔ Trig Del Trig: Vic	ay-2.533 ms leo	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P P	Frequency
	IFGain:Low #Atten: 3	30 dB	^	.Mkr1 2.879 ms	Auto Tum
10 dB/div <b>Ref 20.00 dB</b> I	m			13.78 dB	
10.0					Center Fred
	1∆2		in stallingstown with the stall to see the		2.441000000 GHz
-10.0					
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-40.0					
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-70.0	Level.	, dla		and and a second se	2.441000000 GHz
Center 2.441000000 GHz				Span 0 Hz	
Res BW 1.0 MHz	#VBW 3.0 MH:		-	0.13 ms (8001 pts)	1.000000 MHz Auto Mar
MKR MODE TRC SCL 1 Δ2 t (Δ) 2 F t	× Y 2.879 ms (Δ) 13.78 1.592 ms -20.74 c	FUNCTIO	DN FUNCTION WIDTH	FUNCTION VALUE	
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<mark>XI</mark> RL   RF   50Ω A	GA C SEN 100 GHz Trig Del	6E:PULSE ay-2.533 ms		02:30:46 PMNov 20, 2017 TRACE 1 2 3 4 5 6 TYPE WWWWWW	Frequency
<mark>XI</mark> RL   RF   50Ω A	GA C SEN 100 GHz Trig Del	5E:PULSE ay-2.533 ms leo	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P F	Auto Turo
20 dB/div Ref 20.00 dB	GA C SEN DOO GHZ Trig Del PNO: Fast ↔ IFGain:Low #Atten: 3	5E:PULSE ay-2.533 ms leo	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE 1 2 3 4 5 6 TYPE WWWWWW	Auto Tune
x RL RF 50 Ω A Center Freq 2.4800000	GA C SEN DOO GHZ Trig Del PNO: Fast ↔ IFGain:Low #Atten: 3	5E:PULSE ay-2.533 ms leo	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P P F Mkr1 2.879 ms	Auto Tune
2 RL RF 50 Q A Center Freq 2.4800000 10 dB/div Ref 20.00 dBr	GA C SEN DOO GHZ Trig Del PNO: Fast ↔ IFGain:Low #Atten: 3	5E:PULSE ay-2.533 ms leo	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P P F Mkr1 2.879 ms	Auto Tune
XI         RF         50 Ω         A           Center Freq 2.4800000         Ref 20.00 dBi         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A	A C SEN DOO GHZ PN0: Fast →→ IFGain:Low #Atten: 3 m	5E:PULSE ay-2.533 ms leo 30 dB	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P P F Mkr1 2.879 ms	Auto Tune
RL         RF         50 Ω         A           Center Freq 2.4800000         Ref 20.00 dBr         A           10 dB/div         Ref 20.00 dBr         A           10.0	A C SEN DOO GHZ PN0: Fast ↔ Trig: Vie IFGain:Low M M	5E:PULSE ay-2.533 ms leo 30 dB	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE 112 3 4 5 6 TYPE WWWWW DET P P P P P Mkr1 2.879 ms 12.63 dB	Auto Tune Center Free 2.48000000 GHz
RL         RF         50 Ω         A           Center Freq 2.4800000         Ref 20.00 dBr         A         A         A           10 dB/div         Ref 20.00 dBr         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A         A	A C SEN DOO GHZ PN0: Fast ↔ Trig: Vie IFGain:Low M M	5E:PULSE ay-2.533 ms leo 30 dB	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE 112 3 4 5 6 TYPE WWWWW DET P P P P P Mkr1 2.879 ms 12.63 dB	Auto Tune Center Free 2.48000000 GHz
RL         RF         50 Ω         A           Center Freq 2.4800000         Ref 20.00 dBt         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B	A C SEN DOO GHZ PN0: Fast ↔ Trig: Vie IFGain:Low M M	5E:PULSE ay-2.533 ms leo 30 dB	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE 112 3 4 5 6 TYPE WWWWW DET P P P P P Mkr1 2.879 ms 12.63 dB	Auto Tune Center Free 2.48000000 GHz Start Free 2.48000000 GHz
X         RL         RF         50 Ω         A           Center Freq 2.4800000         Ref 20.00 dBi         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B	A C SEN DOO GHZ PN0: Fast ↔ Trig: Vie IFGain:Low M M	5E:PULSE ay-2.533 ms leo 30 dB	QPSK_2480	02:30:46 PM Nov 20, 2017 TRACE 1 2 3 4 5 6 TYPE WWWWWW DET P P P P P Mkr1 2.879 ms 12.63 dB	Auto Tune Center Free 2.48000000 GHz
Image: Red Procession of the second	A C SEN DOO GHZ PNO: Fast →→ Trig: Vic IFGain:Low M M Powerstate measure of the second Atten: 1 Atten: 1	5E:PULSE ay-2.533 ms leo 30 dB	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE [1 2 3 4 5 ( TYPE WWWWW DET P P P P P Mkr1 2.879 ms 12.63 dB	Frequency           Auto Tune           Center Frec           2.48000000 GHz           Start Frec           2.48000000 GHz           Stop Frec           2.48000000 GHz
RL         RF         50 Ω         A           Center Freq 2.4800000         Ref 20.00 dBr         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B	A C SEN DOO GHZ PNO: Fast →→ Trig: Vic IFGain:Low M M Powerstate measure of the second Atten: 1 Atten: 1	SE:PULSE ay-2.533 ms leo 30 dB		02:30:46 PMNov 20, 2017 TRACE 11 2 3 4 5 G TYPE WWWWW DET P P P P P F Mkr1 2.879 ms 12.63 dB TRGEVE TRGEVE	Auto Tune Center Frec 2.48000000 GHz Start Frec 2.48000000 GHz Stop Frec 2.48000000 GHz CF Step
Image: New York         RE         SO Q A           Center Freq 2.4800000         Center Freq 2.4800000           10 dB/div         Ref 20.00 dBr           10.0         Center Freq 2.4800000           10.0         Center Conter	A C SEN DOO GHZ PNO: Fast → Trig: Vic IFGain:Low M M PNO: Fast → Trig: Vic #Atten: 3 M Atten: 4 Atten: 4	SE:PULSE ay-2.533 ms leo 30 dB	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE 11 2 3 4 5 6 TYPE WWWWW DET P P P P P Mkr1 2.879 ms 12.63 dB	Auto Tune           Center Frequency           2.480000000 GH;           Start Frequency           2.480000000 GH;           Start Frequency           2.480000000 GH;           Stop Frequency           2.480000000 GH;           CF Step           1.000000 MH;           Auto Tune
X         RL         RF         50 Ω         A           Center Freq 2.4800000         Ref 20.00 dBr         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B         B	A C SEN DOO GHZ Trig Del PNO: Fast ↔ Trig: Vie #Atten: 3 M C C C C C C C C C C C C C	SE:PULSE ay-2.533 ms leo 30 dB	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE [1 2 3 4 5 0 TYPE WWWWD DET P P P P P F Mkr1 2.879 ms 12.63 dB TROPY TROPY Mkr1 2.879 ms 12.63 dB TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY	Auto Tune           Center Frequency           2.480000000 GH;           Start Frequency           2.480000000 GH;           Stop Frequency           2.480000000 GH;           CF Step           1.000000 MH;           Auto
Image: New York         Ref         SO Q         A           Center Freq 2.4800000         Center Freq 2.4800000         Center Freq 2.4800000         Center Section S	5A C SEN DOO GHZ Trig Del PNO: Fast ↔ Trig: Vic IFGain:Low #Atten: : m 	SE:PULSE ay-2.533 ms leo 30 dB	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE [1 2 3 4 5 0 TYPE WWWWD DET P P P P P F Mkr1 2.879 ms 12.63 dB TROPY TROPY Mkr1 2.879 ms 12.63 dB TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY	Auto Tune           Center Frequency           2.480000000 GH;           Start Frequency           2.480000000 GH;           Start Frequency           2.480000000 GH;           Stop Frequency           2.480000000 GH;           CF Step           1.000000 MH;           Auto Tune
Center Freq 2.4800000	5A C SEN DOO GHZ Trig Del PNO: Fast ↔ Trig: Vic IFGain:Low #Atten: : m 	SE:PULSE ay-2.533 ms leo 30 dB	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE [1 2 3 4 5 0 TYPE WWWWD DET P P P P P F Mkr1 2.879 ms 12.63 dB TROPY TROPY Mkr1 2.879 ms 12.63 dB TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY	Start Frequency           Auto Tune           Center Freq           2.48000000 GH;           Start Freq           2.48000000 GH;           Stop Freq           2.48000000 GH;           CF Step           1.000000 MH;           Auto           Freq Offset
Image: Second system         Ref         SO Q         A           Center Freq 2.4800000         Image: Second system         Ima	5A C SEN DOO GHZ Trig Del PNO: Fast ↔ Trig: Vic #Atten: : m C SEN PNO: Fast ↔ Trig: Vic #Atten: : m C SEN Atten: : M C SEN Trig Del Atten: : M C SEN Atten: : Atten:	SE:PULSE ay-2.533 ms leo 30 dB	QPSK_2480	02:30:46 PMNov 20, 2017 TRACE [1 2 3 4 5 0 TYPE WWWWD DET P P P P P F Mkr1 2.879 ms 12.63 dB TROPY TROPY Mkr1 2.879 ms 12.63 dB TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY TROPY	Start Frequency           Auto Tune           Center Freq           2.48000000 GH;           Start Freq           2.48000000 GH;           Stop Freq           2.48000000 GH;           CF Step           1.000000 MH;           Auto           Freq Offset



∆Mkr1 2.880 ms 10 dB/div Ref 20.00 dBm 11.93 dB	Auto Tun
	Center Free 2.480000000 GH
-100	<b>Start Free</b> 2.480000000 GH
-40.0 -50.0 -60.0 -70.0	<b>Stop Free</b> 2.480000000 GH
Center 2.480000000 GHz Span 0 Hz Res BW 1.0 MHz #VBW 3.0 MHz Sweep 10.13 ms (8001 pts)	
MKR         MODE         TRC         SCL         X         Y         FUNCTION         FUNCTION WIDTH         FUNCTION VALUE           1         Δ2         t         (Δ)         2,880 ms         (Δ)         11.93 dB         -           2         F         t         1.516 ms         -19.67 dBm         -         -         -           3         -         -         -         -         -         -         -           4         -         -         -         -         -         -         -           5         -         -         -         -         -         -         -         -	Freq Offse

# A.5 Hopping Channel Number

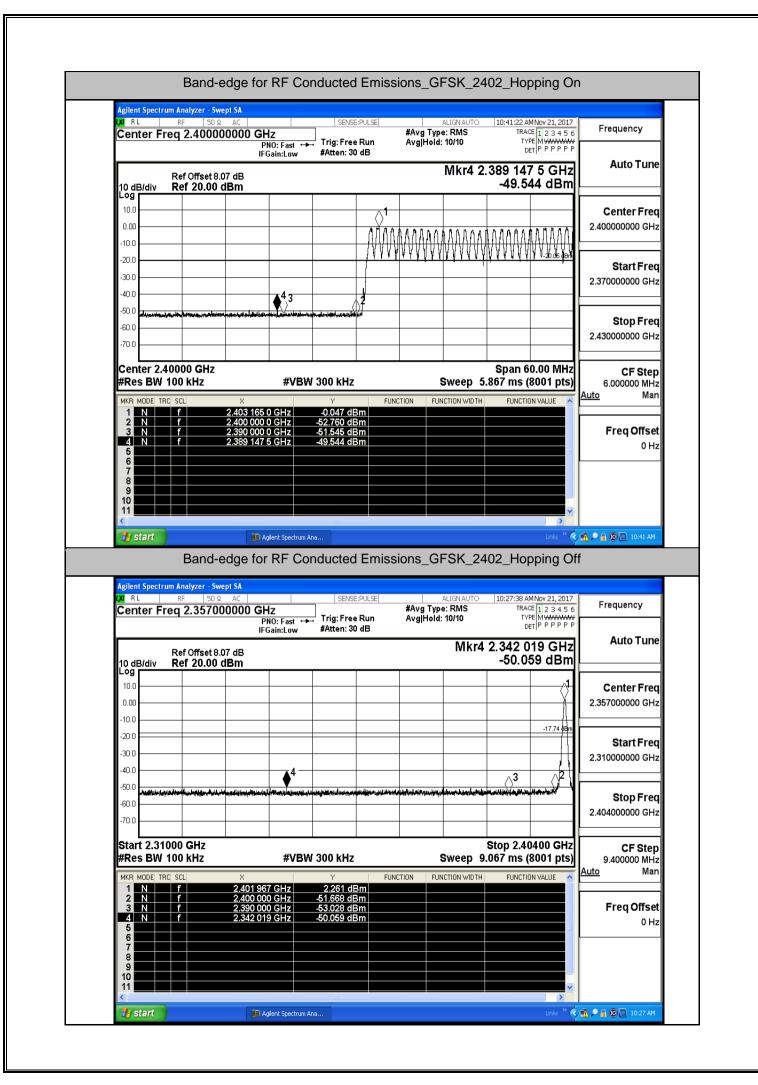
Test Mode	Test Channel	Number of Hopping Channel[N]	Limit[N]	Verdict
GFSK	2402	79	>=15	PASS
π/4-DQPSK	2402	79	>=15	PASS
8-DPSK	2402	79	>=15	PASS

XX RL RF 50 Center Freq 2.4417		SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10	03:40:46 PM Nov 20, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P	Frequency
Ref Offset 8 10 dB/div Ref 20.00	3.07 dB		ΔM	kr1 78.177 MHz -0.599 dB	Auto Tune
10.0 0.00 					Center Freq 2.441750000 GHz
-20.0			1		Start Freq 2.40000000 GHz
-50.0 /					<b>Stop Freq</b> 2.483500000 GHz
Start 2.40000 GHz #Res BW 100 kHz	#VBV	V 300 kHz	Sweep 8	Stop 2.48350 GHz .000 ms (8001 pts)	CF Step 8.350000 MHz <u>Auto</u> Man
1 Δ2 f (Δ) 2 F f 3 4 5 9	78.177 MHz (Δ) 2.401 879 GHz				Freq Offset 0 Hz
6 7 8 9					
10					
10 11 MSG		aut and a second s	STATU	3	
MSG		Channel Num	status	3	
Agilent Spectrum Analyzer - Sv	wept SA Ω AC 50000 GHz		hber_π/4-DQPSk Alignauto #Avg Type: RMS	3 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7	Frequency
Agilent Spectrum Analyzer - So W RL RF 50 Center Freq 2.4417 Ref Offset 8	wept SA Ω AC 50000 GHz PN0: Fast ↔ IFGain:Low		hber_π/4-DQPSk Alignauto #Avg Type: RMS Avg Hold: 10/10	s <b>(_2402</b> 03:46:48 PMNov 20, 2017	Frequency Auto Tune
Agilent Spectrum Analyzer - So M RL RF 50 Center Freq 2.4417 10 dB/div Ref Offset 8 10 dB/div Ref 20.00 10.0	xept SA Ω AC 50000 GHz PN0: Fast ↔ IFGain:Low 07 dB dBm	SENSE:PULSE → Trig: Free Run #Atten: 30 dB	hber_π/4-DQPSk Alignauto #Avg Type: RMS Avg Hold: 10/10	(_2402 03:46:48 PMNov 20, 2017 TRACE [1 2 3 4 5 6 TYPE MWWWWW DET  P P P P P cr1 78.083 MHz -0.579 dB	
Agilent Spectrum Analyzer - So M RL RF 50 Center Freq 2.4417 10 dB/div Ref Offset E 10 dB/div Ref 20.00 10.0 0.00 -30.0	xept SA Ω AC 50000 GHz PN0: Fast ↔ IFGain:Low 07 dB dBm	SENSE:PULSE → Trig: Free Run #Atten: 30 dB	nber_π/4-DQPSF ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10	(_2402 03:46:48 PMNov 20, 2017 TRACE [1 2 3 4 5 6 TYPE [MWWWWW DET  P P P P P cr1 78.083 MHz -0.579 dB	Auto Tune Center Freq
Agilent Spectrum Analyzer - Sv (X) RL RF 50 Center Freq 2.4417 Center Freq 2.4417 10 dB/div Ref 20.00 10.0 0.00 	xept SA Ω AC 50000 GHz PN0: Fast ↔ IFGain:Low 07 dB dBm	SENSE:PULSE → Trig: Free Run #Atten: 30 dB	nber_π/4-DQPSF ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10	(_2402 03:46:48 PMNov 20, 2017 TRACE [1 2 3 4 5 6 TYPE [MWWWWW DET  P P P P P cr1 78.083 MHz -0.579 dB	Auto Tune Center Freq 2.441750000 GHz Start Freq
Agilent Spectrum Analyzer         So           MSG         So           Agilent Spectrum Analyzer         So           Center Freq 2.4417         So           Center Freq 2.4417         So           Log         Ref Offset 8           10 dB/div         Ref 20.00           -00	wept SA           Q         AC           '50000 GHz           PN0: Fast           IFGain:Low	SENSE:PULSE	hber_π/4-DQPSH ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10 ΔΜΙ ΜΜΑΥΥΥΛΑΥΑΥΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑΑ	(_2402 03:46:48 PMNov 20, 2017 TRACE [] 2 3 4 5 6 TYPE MWWWW DET P P P P P (r1 78.083 MHz -0.579 dB -0.579 dB -0.	Auto Tune           Center Freq           2.441750000 GHz           Start Freq           2.400000000 GHz           Stop Freq           2.483500000 GHz           CF Step           8.350000 MHz
Agilent Spectrum Analyzer - So           MSG           Agilent Spectrum Analyzer - So           MSG           Center Freq 2.4417           Center Freq 2.4417           Io dB/div           Ref Offset 8           10 dB/div           Ref 20.00	wept SA           Q         AC         PN0: Fast         →           IFGain:Low         IFGain:Low         IFGain:Low         IFGain:Low	SENSE:PULSE	Alignauto #Avg Type: RMS Avg Hold: 10/10	(_2402	Auto Tune Center Freq 2.441750000 GHz Start Freq 2.400000000 GHz Stop Freq 2.483500000 GHz CF Step

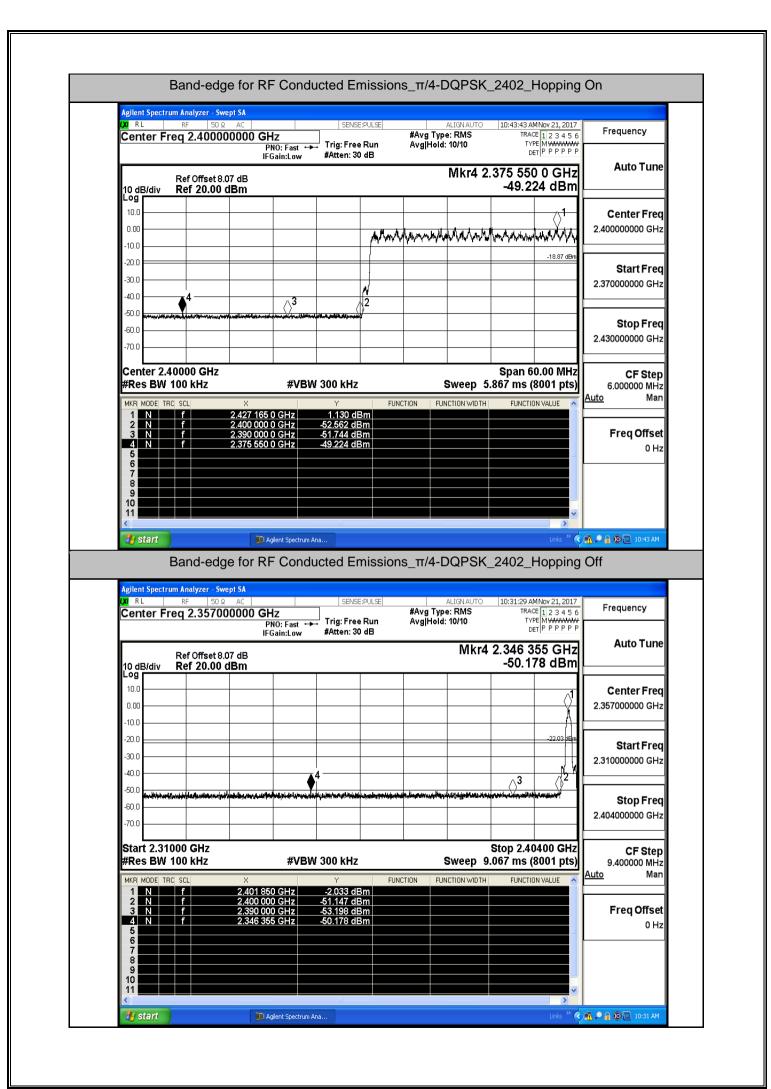
Conter Freq 2	50 Ω AC 441750000 GHz	SENSE:PULSE	ALIGNAUTO #Avg Type: RMS Avg Hold: 10/10	03:51:55 PM Nov 20, 2017 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast ← IFGain:Low	, Trig: Free Run #Atten: 30 dB		TYPE MWWWWW DET P P P P P r1 77.645 MHz	Auto Tune
10 dB/div Ref 2	fset 8.07 dB 2 <b>0.00 dBm</b>			-3.363 dB	
10.0				<u> </u>	Center Freq
0.00		Hermonortown	งสำน _{ับหม} างการจุปไปในให้เหมาะไปจากกัน	WWWwwwwww	2.441750000 GHz
-20.0					Start Freq
-30.0					2.400000000 GHz
-50.0					
-60.0					Stop Freq
-70.0					2.483500000 GHz
Start 2.40000 GI				Stop 2.48350 GHz	CF Step
#Res BW 100 kH		N 300 kHz	•	000 ms (8001 pts)	8.350000 MHz Auto Man
MKR MODE TRC SCL		) -3.363 dB	ICTION FUNCTION WIDTH	FUNCTION VALUE	
2 F   f	2.402 161 GHz	4.272 dBm			Freq Offset
3					0 Hz
3 4 5					
3 4					

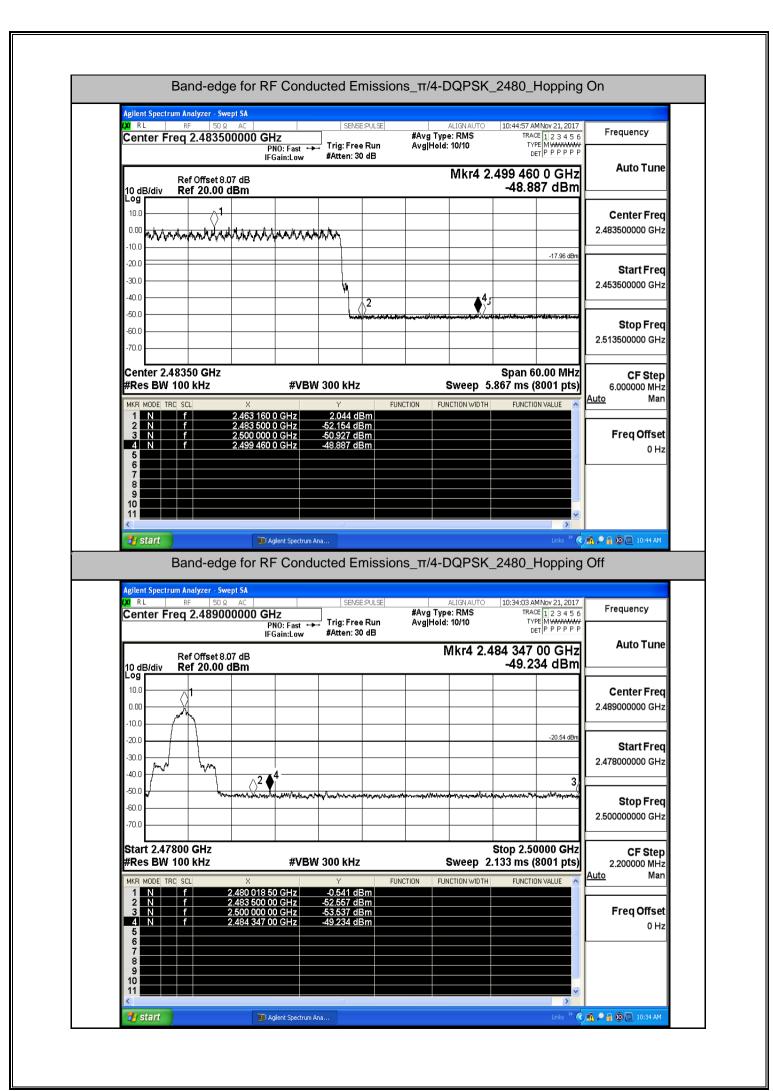
A.6 Band-edge for RF	<b>Conducted Emissions</b>
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Test Mode	Test Channel	Hopping	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit[dBm]	Verdict
GFSK	2402	On	-0.047	-49.544	-20.05	PASS
	2402	Off	2.261	-50.059	-17.74	PASS
	2480	On	1.618	-49.676	-18.38	PASS
	2480	Off	0.042	-49.595	-19.96	PASS
	2402	On	1.130	-49.224	-18.87	PASS
π/4-DQPSK	2402	Off	-2.033	-50.178	-22.03	PASS
11/4-DQFSK	2480	On	2.044	-48.887	-17.96	PASS
	2480	Off	-0.541	-49.234	-20.54	PASS
8-DPSK	2402	On	1.332	-49.772	-18.67	PASS
	2402	Off	0.668	-49.858	-19.33	PASS
	2480	Off	-0.414	-49.925	-20.41	PASS
	2480	On	2.81	-48.868	-17.19	PASS

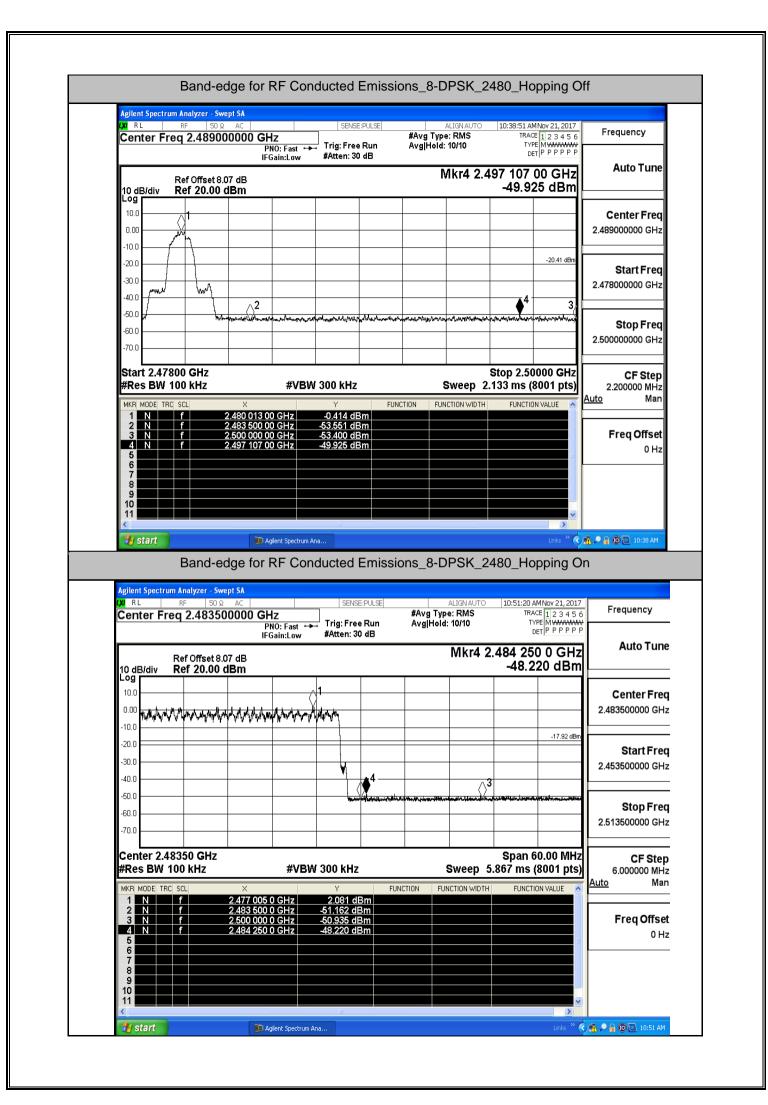


Frequency	10:41:55 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P	ALIGN AUTO /g Type: RMS g Hold: 10/10	inse:PULse Free Run h: 30 dB	📕 Trig: F	Hz PNO: Fast ← Gain:Low	00000 GH	^{ε 50 Ω} 2.48350		Cent
Auto Tun	499 287 5 GHz -49.676 dBm	Mkr4 2.4				07 dB	ef Offset 8. ef 20.00 (		10 dE
<b>Center Free</b> 2.483500000 GH				) //////	NANAN			11111 11111	Log 10.0 0.00 -10.0
Start Fred 2.453500000 GHz	-18.38 dBm	4,5			<u>, 1144</u> ,		A A A A A A	ΥΫ́ΥΫ́Υ	-20.0 -30.0 -40.0
<b>Stop Fred</b> 2.513500000 GHz		<b>▼</b> 2	2						-50.0 -60.0 -70.0
CF Step 6.000000 MHz <u>Auto</u> Man	Span 60.00 MHz .867 ms (8001 pts)	Sweep 5.8	Hz	W 300 k	#VB	×	0 kHz	ter 2.483 5 BW 100	#Re
Freq Offsel 0 Hz			3 dBm 3 dBm 4 dBm		0 GHz	2.476 052 2.483 500 2.500 000 2.499 287		N 1 N 1	1 2 3 4
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📆 🍠 🖗 🔃 10:41 AM	>	s_GFSK_24	ed Emiss		Agilent Spectrum		Band-e	tart	6 7 8 9 10
-	80_Hopping Off	ALIGNAUTO		onduct	r RF C	edge for	nalyzer - Sw RF 50Ω	Spectrum A	6 7 8 9 10 11 11 4 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Frequency	80_Hopping Off	ALIGNAUTO vg Type: RMS g Hold: 10/10		onduct	r RF C	edge for ept SA AC DOOOO GH IF4	nalyzer - Sw F 50 Ω 2.48900	Spectrum A	6 7 8 9 10 11 11 4 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Frequency Auto Tune	10:30:06 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE 12 3 4 5 6	ALIGNAUTO vg Type: RMS g Hold: 10/10	ENSE:PULSE	onduct	r RF Co Hz PN0: Fast ←	edge for AC   00000 GH IF1 07 dB	nalyzer - Sw RF 50Ω	Spectrum / ter Freg	Agilent Agilent
Frequency Auto Tune Center Freq	10:30:06 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P 299 549 00 GHz	ALIGNAUTO vg Type: RMS g Hold: 10/10	ENSE:PULSE	onduct	r RF Co Hz PN0: Fast ←	edge for AC   00000 GH IF1 07 dB	nalyzer - Sw F 50 Ω 2.48900	Spectrum / ter Freg	6 7 8 9 10 11 11 4 8 9 9 10 10 11 10 10 10 0 0.00
Frequency Auto Tune Center Freq 2.48900000 GHz Start Freq	10:30:06 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P 299 549 00 GHz	ALIGNAUTO vg Type: RMS g Hold: 10/10	ENSE:PULSE	onduct	r RF Co Hz PN0: Fast ←	edge for AC   00000 GH IF1 07 dB	nalyzer - Sw F 50 Ω 2.48900	Spectrum / ter Freg	6 7 8 9 10 11 <b>2</b> <b>3</b> <b>4</b> <b>5</b> <b>6</b> <b>7</b> <b>7</b> <b>8</b> <b>9</b> <b>10</b> <b>11</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b>1</b> <b></b>
Frequency Auto Tune Center Freq 2.48900000 GHz Start Freq 2.47800000 GHz Stop Freq	80_Hopping Off	ALIGNAUTO yg Type: RMS gjHold: 10/10 Mkr4 2.4:	ENSE:PULSE	Trig: F #Atter	r RF Co	edge for ept SA AC   00000 GH P IFI 07 dB dBm 2	nalyzer - Sw F 50 2 2.4890( ef Offset 8, ef 20.00 (	Spectrum / ter Freg	6 7 8 9 10 11 2 2 3 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3
Frequency Auto Tune Center Frec 2.48900000 GHz 2.48900000 GHz 2.478000000 GHz 2.478000000 GHz 2.500000000 GHz 2.50000000 GHz 2.50000000 GHz	10:30:06 AM Nov 21, 2017     17:40 E 11 2 3 4 5 6     17/PE M MM/MAN 21, 2017     17:40 E 11 2 3 4 5 6     17/PE M MM/MAN 21, 2017     19.95 549 00 GHZ     -49.595 dBm     -19.96 dB	ALIGNAUTO yg Type: RMS gjHold: 10/10 Mkr4 2.4	ENSE:PULSE	Trig: F #Atter	r RF Co	edge for ept SA AC   00000 GH P IFI 07 dB dBm 2	nalyzer - Sw F 50 Q 2.48900 ef Offset 8, ef 20.00 1	Spectrum / ter Freg	6 7 8 9 10 11 2 2 3 3 4 2 3 3 4 3 4 3 4 3 4 3 4 3 4 3
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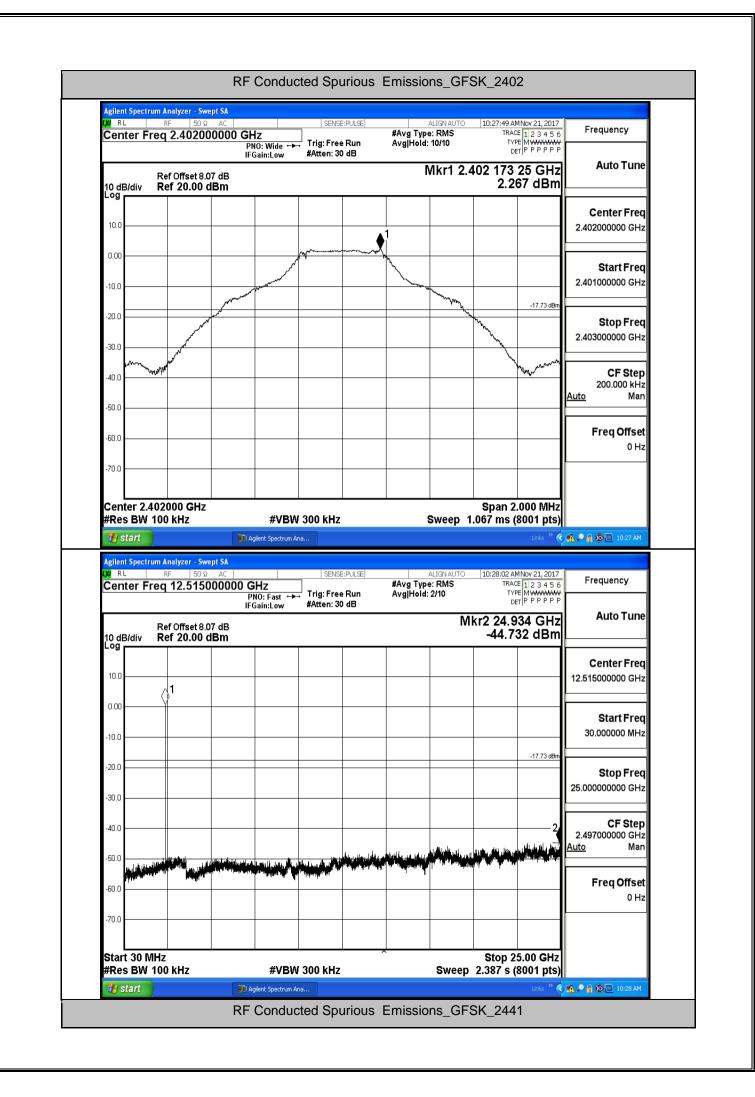


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Agilent Spi         Agilent Spi         M RL         Center         10 dB/di         10.0         0.00         -10.0         -20.0         -30.0         -40.0         -50.0         -40.0         -50.0         Start 2.         #Res B         MKR MODE         1         2         1         2         1         2         3         4         5         7	Band- ectrum Analyzer - 5 Freq 2.357 Ref Offset v Ref 20.00 4 4 4 4 4 4 4 4 4 4 4 4 4	edge for F     iso provide the second s	RF Con z ioin:Low #VBW 0 GHz 0 GHz 0 GHz	ducted E     SENSE     Trig: Free     #Atten: 30	PULSE	#Avg Typ AvgHold:	ALIGNAUTO E: RMS 10/10 Mkr4	10:35:58 AA TRAC TVF DE 2.317 3 -49.85 	Depping C Allow 21, 2017 E [12 3 4 5 6 E MWWWWW TP P P P P P 20 GHz 58 dBm 	ff Frequency Auto Tum Center Free 2.357000000 GH 2.310000000 GH 2.310000000 GH 2.404000000 GH CF Step 9.400000 MH Auto Mai
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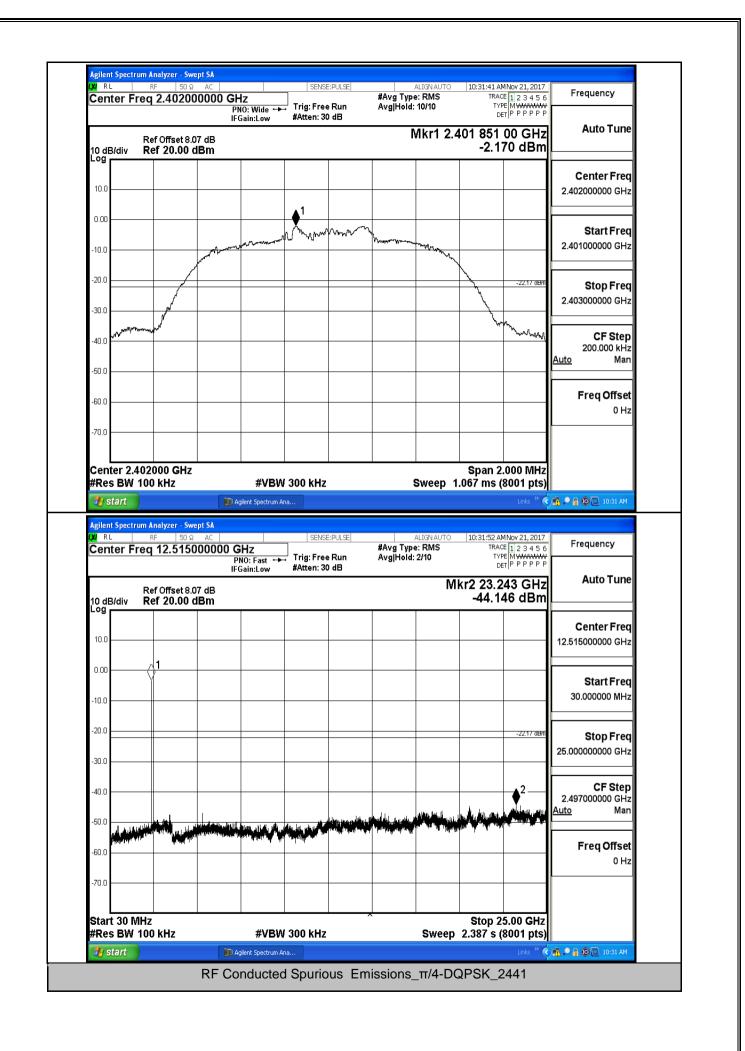
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
	2402	30	25000	100	300	2.267	-44.732	<- 17.733	PASS
GFSK	2441	30	25000	100	300	5.328	-43.999	<- 14.672	PASS
	2480	30	25000	100	300	0.576	-44.508	<- 19.424	PASS
	2402	30	25000	100	300	-2.17	-44.146	<-22.17	PASS
π/4- DQPSK	2441	30	25000	100	300	1.559	-45.225	<- 18.441	PASS
	2480	30	25000	100	300	-0.925	-44.562	<- 20.925	PASS
	2402	30	25000	100	300	0.676	-44.593	<- 19.324	PASS
8-DPSK	2441	30	25000	100	300	1.513	-44.765	<- 18.487	PASS
	2480	30	25000	100	300	-0.463	-44.808	<- 20.463	PASS

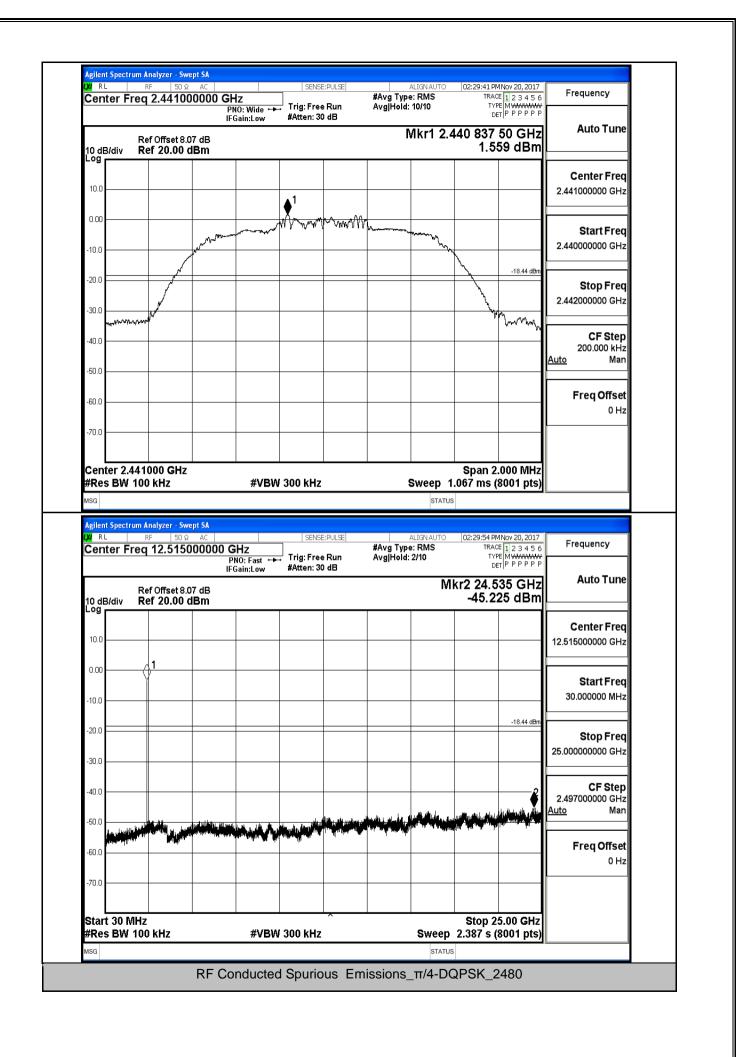
### A.7 RF Conducted Spurious Emissions

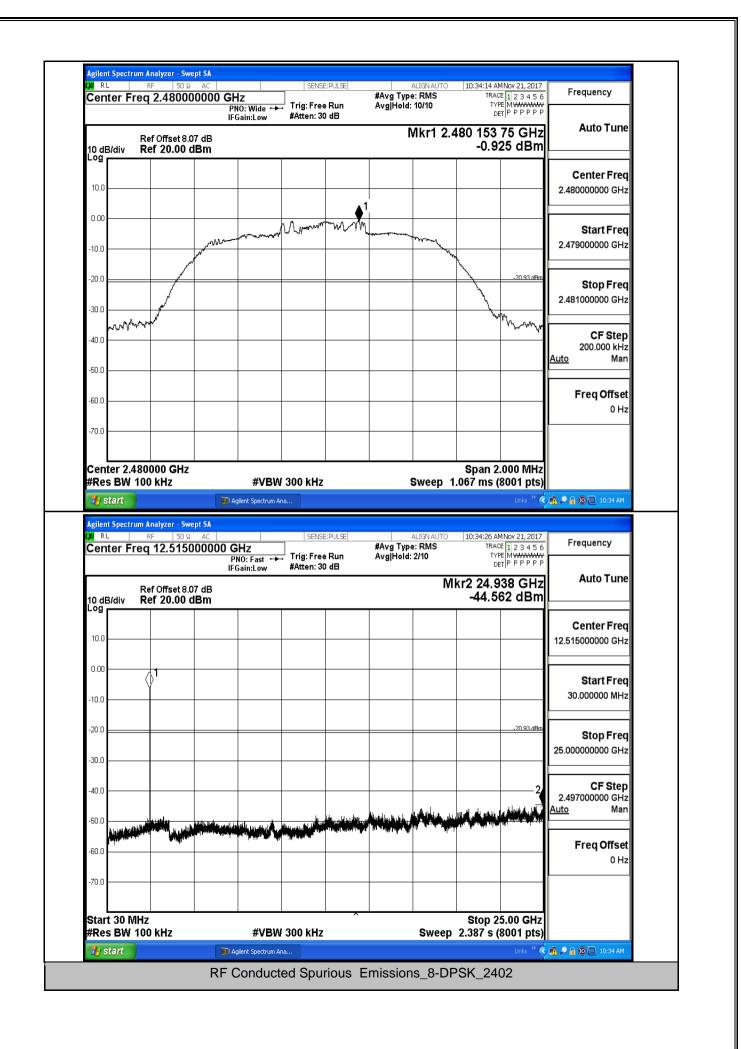


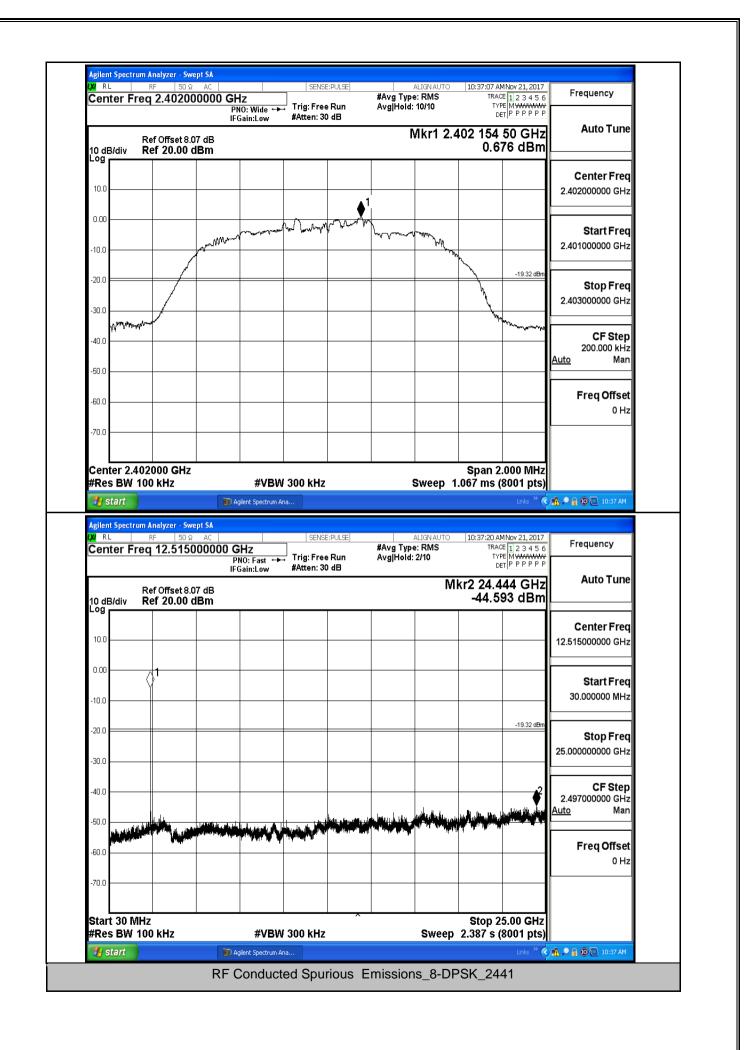
Center Freq 2.441000	IOOO GHz PNO: Wide ↔ IFGain:Low	Trig: Free Run #Atten: 30 dB	#Avg Type: RMS Avg Hold: 10/10	1	6 AMNov 21, 2017 RACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P	Frequency
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-30.0				Mandra	<b>\</b>	<b>Stop Freq</b> 2.442000000 GHz
-40.0					When	CF Step 200.000 kHz <u>Auto</u> Man
-60.0						Freq Offset 0 Hz
Center 2.441000 GHz #Res BW 100 kHz	#\/B\/	V 300 kHz	Swee	Spar	n 2.000 MHz s (8001 pts)	
<b>H Start</b> Agilent Spectrum Analyzer - Swep	Agilent Spectrum A	Ana			Links » 🤇	🚮 🔎 🔒 🞯 🙋 10:56 AM
<b>agilent Spectrum Analyzer - Swep</b> Agilent Spectrum Rnalyzer - SWep	Agilent Spectrum A	Ana	ALIGNA #Avg Type: RMS Avg Hold: 2/10	UTO <b>10:56</b> :	· · ·	Frequency
Agient Spectrum Analyzer - Swep RL RF 50 Q Center Freq 12.51500 Ref Offset 8.07 10 dB/div Ref 20.00 dE	Aglent Spectrum A     AC     AC     PNO: Fast ↔     IFGain:Low	SENSE:PULSE	ALIGNA #Avg Type: RMS	UTO 10:56: Mkr2 24	Links * 50 AMNov 21, 2017 TRACE 1 2 3 4 5 6	Frequency
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Agilent Spectrum Analyzer - Swep RL RF 50 Q Center Freq 12.51500 10 dB/div Ref 20.00 dE 10.0 10.0 10.0 10.0 10.0	Aglent Spectrum A     AC     AC     PNO: Fast ↔     IFGain:Low	SENSE:PULSE	ALIGNA #Avg Type: RMS	UTO 10:56: Mkr2 24	50 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P 4.516 GHz	Frequency Auto Tune Center Freq 12.51500000 GHz Start Freq
Agilent Spectrum Analyzer - Swep R RL RF 50 2 Center Freq 12.51500 10 dB/div Ref 20.00 dE 10.0 10.0 -10.0 -20.0 -40.0	Aglent Spectrum A     AC     AC     PNO: Fast ↔     IFGain:Low	Ana SENSE:PULSE Trig: Free Run #Atten: 30 dB	ALIGNA #Avg Type: RMS Avg Hold: 2/10	UTO 10:56: Mkr2 24	50 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE MWWWW Det P P P P P P 4.516 GHz 5.077 dBm	Frequency Auto Tune Center Frec 12.515000000 GHz Start Frec 30.000000 MHz Stop Frec
Agilent Spectrum Analyzer - Swep R RL RF 50 Ω Center Freq 12.51500 Ref Offset 8.07 10 dB/div Ref 20.00 dE 10.0 10.0 10.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0	Aglent Spectrum A     AC     AC     PNO: Fast ↔     IFGain:Low	SENSE:PULSE	ALIGNA #Avg Type: RMS Avg Hold: 2/10	UTO 10:56: Mkr2 24	50 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE MWWWW Det P P P P P P 4.516 GHz 5.077 dBm	Frequency Auto Tune Center Frec 12.515000000 GHz Start Frec 30.000000 MHz Stop Frec 25.00000000 GHz CF Step 2.497000000 GHz
Agilent Spectrum Analyzer - Swep         Agilent Spectrum Analyzer - Swep         RL       RF       50 Ω         Center Freq 12.51500         10 dB/div       Ref Offset 8.07         10.0       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1         .00       1 <td>Aglent Spectrum A     AC     AC     PNO: Fast ↔     IFGain:Low</td> <td>Ana SENSE:PULSE Trig: Free Run #Atten: 30 dB</td> <td>ALIGNA #Avg Type: RMS Avg Hold: 2/10</td> <td>Mkr2 2 -45</td> <td>50 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE MWWWW Det P P P P P P 4.516 GHz 5.077 dBm</td> <td>Frequency Auto Tune Center Frec 12.515000000 GHz Start Frec 30.000000 MHz Stop Frec 25.000000000 GHz CF Step 2.49700000 GHz Auto Mar</td>	Aglent Spectrum A     AC     AC     PNO: Fast ↔     IFGain:Low	Ana SENSE:PULSE Trig: Free Run #Atten: 30 dB	ALIGNA #Avg Type: RMS Avg Hold: 2/10	Mkr2 2 -45	50 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE MWWWW Det P P P P P P 4.516 GHz 5.077 dBm	Frequency Auto Tune Center Frec 12.515000000 GHz Start Frec 30.000000 MHz Stop Frec 25.000000000 GHz CF Step 2.49700000 GHz Auto Mar

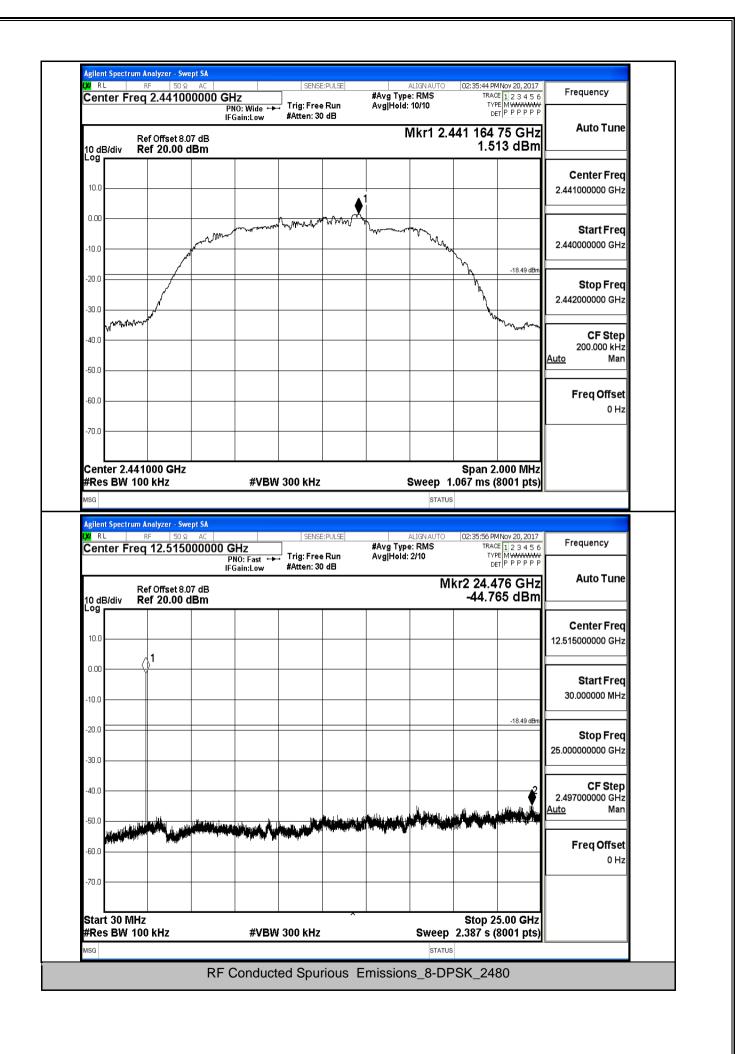
x RL RF 50Ω AC Center Freq 2.480000000	SENSE:PULSE D GHZ PNO: Wide ← → Trig: Free Run IFGain:Low #Atten: 30 dB	ALIGN AUTO #Avg Type: RMS Avg Hold: 10/10	10:30:17 AM Nov 21, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P	Frequency
Ref Offset 8.07 dB 0 dB/div Ref 20.00 dBm		Mkr1 2.4	180 155 25 GHz 0.576 dBm	Auto Tune
10.0		1		Center Freq 2.480000000 GHz
10.0		X		<b>Start Freq</b> 2.479000000 GHz
20.0			-19.42 dBm	<b>Stop Freq</b> 2.481000000 GHz
40.0			Mar	CF Step 200.000 kHz Auto Man
60.0				Freq Offset
70.0				
Res BW 100 kHz	#VBW 300 kHz	Sweep 1	Span 2.000 MHz .067 ms (8001 pts) Links [®] 《	ларана и поред Поред Ам
Res BW 100 kHz  Start  glient Spectrum Analyzer - Swept SA RL RF 50 Q AC	Agilent Spectrum Ans SENSE:PULSE O GHz	ALIGNAUTO #Avg Type: RMS	.067 ms (8001 pts) Links * ( 10:30:30 AMNov 21, 2017 TRACE [1] 2 3 4 5 6	рада 10:30 AM Греquency
Res BW 100 kHz start gilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC Center Freq 12.51500000 Ref Offset 8.07 dB	Agilent Spectrum Ans	ALIGNAUTO #Avg Type: RMS Avg Hold: 2/10	.067 ms (8001 pts) Links * 🤇	Frequency
Res BW 100 kHz           # start           glient Spectrum Analyzer - Swept SA           RL         RF           So a           Center Freq 12.51500000           Ref Offset 8.07 dB           Ref 20.00 dBm	PN: Fast ↔ Trig: Free Run	ALIGNAUTO #Avg Type: RMS Avg Hold: 2/10	.067 ms (8001 pts) Links * ( 10:30:30 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE M WAYAWAY DET P P P P P kr2 24.981 GHz	Frequency
Res BW 100 kHz           i start           gilent Spectrum Analyzer - Swept SA           RL         RF           So Ω         AC           Center Freq 12.51500000           0 dB/div         Ref Offset 8.07 dB           0 dB/div         Ref 20.00 dBm           0 0         1	PN: Fast ↔ Trig: Free Run	ALIGNAUTO #Avg Type: RMS Avg Hold: 2/10	.067 ms (8001 pts) Links * ( 10:30:30 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE M WAYAWAY DET P P P P P kr2 24.981 GHz	Frequency Auto Tune Center Freq
Res BW 100 kHz           gilent Spectrum Analyzer - Swept SA           RL         RF         50 Ω         AC           Center Freq 12.51500000           0 dB/div         Ref Offset 8.07 dB           00 dB/div         Ref 20.00 dBm           00 dB/div         1	PN: Fast ↔ Trig: Free Run	ALIGNAUTO #Avg Type: RMS Avg Hold: 2/10	.067 ms (8001 pts) Links * ( 10:30:30 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE M WAYAWAY DET P P P P P kr2 24.981 GHz	Frequency Auto Tune 12.51500000 GHz Start Freq
Res BW 100 kHz           start           gilent Spectrum Analyzer - Swept SA           REF         50 Ω         AC           Center Freq 12.51500000           0 dB/div         Ref Offset 8.07 dB           0 dB/div         Ref 20.00 dBm           00 dB/div         Ref 20.00 dBm           00 dB/div         Ref 20.00 dBm           0.00         1           0.00         1           0.00         1           0.00         1	PN: Fast ↔ Trig: Free Run	ALIGNAUTO #Avg Type: RMS Avg Hold: 2/10	.067 ms (8001 pts) Link ²³ ( 10:30:30 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE [M WWWWW DET  P P P P P kr2 24.981 GHz -44.508 dBm	Frequency         Auto Tune         Center Freq         12.515000000 GHz         Start Freq         30.000000 MHz         Stop Freq         25.00000000 GHz         CF Step         2.497000000 GHz
Ref Offset 8.07 dB           10 dB/div         Ref 20.00 dBm           00         0.00           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1	PN: Fast ↔ Trig: Free Run	ALIGNAUTO #Avg Type: RMS Avg Hold: 2/10	.067 ms (8001 pts) Link ²³ ( 10:30:30 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE [M WWWWW DET  P P P P P kr2 24.981 GHz -44.508 dBm	Frequency         Auto Tune         Center Freq         12.515000000 GHz         Start Freq         30.000000 MHz         Stop Freq         25.00000000 GHz         CF Step         2.49700000 GHz         Man         Freq Offset
Res BW 100 kHz           start           gilent Spectrum Analyzer - Swept SA           REF         50 Q         AC           Center Freq 12.51500000           Ref Offset 8.07 dB           Ref 20.00 dBm           Og         1           10.0         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1           0.00         1	Image: Agilent Spectrum Ans         SENSE: PULSE         DO GHZ         PN0: Fast →→         #Atten: 30 dB	ALIGNAUTO #Avg Type: RMS Avg Hold: 2/10	.067 ms (8001 pts) Link ²³ ( 10:30:30 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE [M WWWWW DET  P P P P P kr2 24.981 GHz -44.508 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











Center Freq 2.4800000	<b>100 GHz</b> PNO: Wide ↔ IFGain:Low	Trig: Free Run #Atten: 30 dB	#Avg Type: RMS Avg Hold: 10/10	TRACE 123456 TYPE MWWWWW DET PPPPP	
Ref Offset 8.07 d 10 dB/div Ref 20.00 dBr			Mkr1 2.	480 172 75 GHz -0.463 dBm	
10.0			 ▲1		Center Freq 2.48000000 GHz
.10.0	where we want	Munhumu	hannaharan	L	<b>Start Freq</b> 2.479000000 GHz
-20.0				-20.46 dBm	<b>Stop Freq</b> 2.481000000 GHz
-40.0				Had the second second	CF Step 200.000 kHz Auto Man
-60.0					Freq Offset
				1 1	
-70.0				Spop 2 000 MHz	
Center 2.480000 GHz #Res BW 100 kHz #J start Agilent Spectrum Analyzer - Swept S	🗩 Agilent Spectrum Ana				· 🏦 🔎 🔒 🞯 🔟 10:39 AM
Center 2.480000 GHz #Res BW 100 kHz #J start Agilent Spectrum Analyzer - Swept S RL RF 50 Ω A	Agilent Spectrum Ana	SENSE:PULSE	ALIGN AUTO #Avg Type: RMS Avg Hold: 2/10	1.067 ms (8001 pts)	- Frequency
Center 2.480000 GHz #Res BW 100 kHz #j start Agilent Spectrum Analyzer - Swept S R RL RF 50 Ω A Center Freq 12.515000 Ref Offset 8.07 d 10 dB/div Ref 20.00 dBr	Aglent Spectrum Ana Aglent Aglent A	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 2/10	1.067 ms (8001 pts) Linis * ( 10:39:15 AMNov 21, 2017 TRACE 12 3 4 5 6	Frequency
Center 2.480000 GHz #Res BW 100 kHz #J start Agilent Spectrum Analyzer - Swept S R RL RF 50 Q A Center Freq 12.515000 Ref Offset 8.07 d	Aglent Spectrum Ana Aglent Aglent A	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 2/10	1.067 ms (8001 pts) Linis * ( 10:39:15 AMNov 21, 2017 IRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P	Frequency
Center 2.480000 GHz #Res BW 100 kHz #J start Agilent Spectrum Analyzer - Swept S R R RF 50 Ω A Center Freq 12.515000 Ref Offset 8.07 d Ref Offset 8.07 d Ref 20.00 dBr	Aglent Spectrum Ana Aglent Aglent A	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 2/10	1.067 ms (8001 pts) Linis * ( 10:39:15 AMNov 21, 2017 IRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P	Frequency Auto Tune Center Freq
Center 2.480000 GHz #Res BW 100 kHz start Agilent Spectrum Analyzer - Swept S RL RF 50 Q A Center Freq 12.515000 Ref Offset 8.07 d 10 dB/div Ref 20.00 dBr Log 10.0 0.00	Aglent Spectrum Ana Aglent Aglent A	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 2/10	1.067 ms (8001 pts) Linis * ( 10:39:15 AMNov 21, 2017 IRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P	Frequency Auto Tune Center Freq 12.51500000 GHz Start Freq 30.000000 MHz Stop Freq
Center 2.480000 GHz #Res BW 100 kHz istart Agilent Spectrum Analyzer - Swept S RE RF 50 Q A Center Freq 12.515000 Ref Offset 8.07 d 10 dB/div Ref 20.00 dBr 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	Aglent Spectrum Ana Aglent Aglent A	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 2/10	1.067 ms (8001 pts) Links * ( 10:39:15 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MUMANWA DET P P P P P P Ikr2 23.096 GHz -44.808 dBm	Frequency         Auto Tune         Center Freq         12.515000000 GHz         Start Freq         30.000000 MHz         Stop Freq         25.00000000 GHz
Center 2.480000 GHz #Res BW 100 kHz #J start Agilent Spectrum Analyzer - Swept S R RL RF 50 Q A Center Freq 12.515000 Ref Offset 8.07 d 10 dB/div Ref 20.00 dBr 10.0 10.0 -20.0	Aglent Spectrum Ana Aglent Aglent A	SENSE:PULSE	ALIGN.AUTO #Avg Type: RMS Avg Hold: 2/10	1.067 ms (8001 pts) Links * ( 10:39:15 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MUMANWA DET P P P P P P Ikr2 23.096 GHz -44.808 dBm	Frequency Auto Tune Center Freq 12.51500000 GHz Start Freq 30.000000 MHz Stop Freq
Center 2.480000 GHz #Res BW 100 kHz	Aglent Spectrum Ana Aglent Aglent A	SENSE:PULSE Trig: Free Run #Atten: 30 dB	ALIGN.AUTO #Avg Type: RMS Avg Hold: 2/10	1.067 ms (8001 pts) Links * ( 10:39:15 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MUMANWA DET P P P P P P Ikr2 23.096 GHz -44.808 dBm	Frequency         Auto Tune         Center Freq         12.515000000 GHz         Start Freq         30.000000 MHz         Stop Freq         25.00000000 GHz         CF Step         2.497000000 GHz

## A.8 Restrict-band band-edge measurements

Test Mode	Hopping	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
	Off	2310.0	-43.74	0.5	0	53.52	PEAK	74	PASS
	Off	2310.0	-54.07	0.5	0	43.19	AV	54	PASS
	Off	2390.0	-42.71	0.5	0	54.55	PEAK	74	PASS
GFSK	Off	2390.0	-53.78	0.5	0	43.48	AV	54	PASS
Gron	Off	2483.5	-43.17	0.5	0	54.09	PEAK	74	PASS
	Off	2483.5	-53.56	0.5	0	43.70	AV	54	PASS
	Off	2500.0	-42.85	0.5	0	54.41	PEAK	74	PASS
	Off	2500.0	-53.45	0.5	0	43.81	AV	54	PASS
	Off	2310.0	-44.27	0.5	0	52.99	PEAK	74	PASS
	Off	2310.0	-54.04	0.5	0	43.22	AV	54	PASS
	Off	2390.0	-44.31	0.5	0	52.95	PEAK	74	PASS
π/4-	Off	2390.0	-53.78	0.5	0	43.48	AV	54	PASS
DQPSK	Off	2483.5	-43.10	0.5	0	54.16	PEAK	74	PASS
	Off	2483.5	-53.45	0.5	0	43.81	AV	54	PASS
	Off	2500.0	-41.92	0.5	0	55.34	PEAK	74	PASS
	Off	2500.0	-53.43	0.5	0	43.83	AV	54	PASS
	Off	2310.0	-42.82	0.5	0	54.44	PEAK	74	PASS
	Off	2310.0	-54.03	0.5	0	43.23	AV	54	PASS
	Off	2390.0	-42.33	0.5	0	54.93	PEAK	74	PASS
8-DPSK	Off	2390.0	-53.84	0.5	0	43.42	AV	54	PASS
0-0-30	Off	2483.5	-42.73	0.5	0	54.53	PEAK	74	PASS
	Off	2483.5	-53.43	0.5	0	43.83	AV	54	PASS
	Off	2500.0	-43.70	0.5	0	53.56	PEAK	74	PASS
	Off	2500.0	-53.48	0.5	0	43.78	AV	54	PASS

LXI RL	rum Analyzer - Sw RF 50 G reg 2.3520	2 AC	SENSE:PULSE	ALIGNAUTO Avg Type: Log-Pwr	10:28:19 AM Nov 21, 2017 TRACE 1 2 3 4 5 6	Frequency
Center	169 2.3520	PNO: Fast IFGain:Low	→→→ Trig: Free Run #Atten: 30 dB	Avg Hold: 10/10	TYPE MWWWW DET P P P P P	-
10 dB/div	Ref Offset 8 Ref 20.00			Mkr3	2.390 000 GHz -42.711 dBm	Auto Tu
					A	Center Fi
0.00					—	2.352000000 0
-10.0						Start E
-30.0	2				3	Start Fi 2.300000000 0
-40.0 -50.0	****	ومتواحدهما ومراجع والموساعة مسترد المتحمل المهتم	un an	<del>ئەر ئۇرۇر</del> ئەرلەر ئەركەر ئەر ئەردىن ۋە ئەردىن ئەركەر بەر ئەركەر بەر ئەركەر بەر ئەركەر بەر ئەركەر بەر ئەركەر بەر يەر ئەركەر ئە	المانية المنافعة المحمد ومعادية المارية	
-60.0						Stop Fr 2.404000000 G
	0000 GHz				Stop 2.40400 GHz	CF St
#Res BV	/ 1.0 MHz		BW 3.0 MHz	Sweep 1.	067 ms (8001 pts)	10.400000 M Auto M
MKR MODE	f f	× 2.402 128 GHz 2.310 000 GHz	2.596 dBm -43.743 dBm	JNCTION FUNCTION WIDTH	FUNCTION VALUE	
3 N 4 5	f	2.390 000 GHz	-42.711 dBm			Freq Offs 0
6 7						
8 9 10						
11					×	
		🗊 Agilent Spectre	m Ana			🕂 🔎 🔒 🕲 🛄 10:28 .
11	Restrict-b			nts_Hopping Off_	Links » 🤇	
Agilent Spect	rum Analyzer - Sw	pand band-edg	ge measuremer		GFSK_Avera	ge
11 start		oand band-edg <u>rept SA</u> 2 AC       00000 GHz		ALIGNAUTO Avg Type: Log-Pwr Avg Type: Log-Pwr	GFSK_Avera	ge Frequency
Agilent Spect	rum Analyzer - Sw RF 50 Ω Freq 2.3520	pand band-ed rept SA 2 AC 00000 GHz PNO: Fast IFGain:Low		ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 0:28:30 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE MWAWAWAW DET P P P P P P	ge Frequency
Agilent Spect	r <b>um Analyzer - Sw</b> RF   50 ຊ	vept SA 2 AC 00000 GHz PN0: Fast IFGain:Low .07 dB	ge measuremer	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera	ge Frequency
Agilent Spect	rum Analyzer - Sw RF 50 G Freq 2.3520 Ref Offset 8.	vept SA 2 AC 00000 GHz PN0: Fast IFGain:Low .07 dB	ge measuremer	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 0:28:30 AMNov 21, 2017 TRACE 10:28:30 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE MWAWAWAW DET P P P P P 2.390 000 GHz	ge Frequency
Agjient Spect Agjient Spect (X) RL Center F 10 dB/div Log 10.0 0.00	rum Analyzer - Sw RF 50 G Freq 2.3520 Ref Offset 8.	vept SA 2 AC 00000 GHz PN0: Fast IFGain:Low .07 dB	ge measuremer	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 0:28:30 AMNov 21, 2017 TRACE 10:28:30 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE MWAWAWAW DET P P P P P 2.390 000 GHz	ge Frequency Auto Tu
Agilent Spect XI RL Center F	rum Analyzer - Sw RF 50 G Freq 2.3520 Ref Offset 8.	vept SA 2 AC 00000 GHz PN0: Fast IFGain:Low .07 dB	ge measuremer	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 0:28:30 AMNov 21, 2017 TRACE 10:28:30 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE MWAWAWAW DET P P P P P 2.390 000 GHz	ge Frequency Auto Tu Center Fr 2.352000000 G
Agilent Spect Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agilent Agil	rum Analyzer - Sw RF 50 G Freq 2.3520 Ref Offset 8.	vept SA 2 AC 00000 GHz PN0: Fast IFGain:Low .07 dB	ge measuremer	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 0:28:30 AMNov 21, 2017 TRACE 10:28:30 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE MWAWAWAW DET P P P P P 2.390 000 GHz	ge Frequency Auto Tu Center Fr
Agilent Spect X RL Center F 10 dB/div 10.0 0.00 -10.0 -20.0	rum Analyzer - Sw RF 50 G Freq 2.3520 Ref Offset 8.	vept SA 2 AC 00000 GHz PN0: Fast IFGain:Low .07 dB	ge measuremer	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	GFSK_Avera 0:28:30 AMNov 21, 2017 TRACE 10:28:30 AMNov 21, 2017 TRACE 12 3 4 5 6 TYPE MWAWAWAW DET P P P P P 2.390 000 GHz	ge Frequency Auto Tu Center Fr 2.35200000 G Start Fr 2.30000000 G
11           Jostant           Agilent Spect           X           RL           Center F           10.0           0.00           10.0           -10.0           -20.0           -30.0           -40.0           -50.0           -60.0	rum Analyzer - Sw RF 50 G Freq 2.35200 Ref Offset 8. Ref 20.00	vept SA 2 AC 00000 GHz PN0: Fast IFGain:Low .07 dB	ge measuremer	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	Спкс * С GFSK_Avera 10:28:30 AMNov 21, 2017 ТКАСЕ 12 3 4 5 6 ТУРЕ МИМИИИИ DET P P P P P 2.390 000 GHz -53.783 dBm	ge Frequency Auto Tu Center Fr 2.35200000 G Start Fr
11           Jostart           Agilent Spect           XRL           Center F           10.0           10.0           10.0           10.0           -20.0           -30.0           -40.0           -60.0           -70.0	rum Analyzer - Sw RF 50 G Freq 2.35201 Ref Offset 8, Ref 20.00	vept SA 2 AC 00000 GHz PN0: Fast IFGain:Low .07 dB	ge measuremer	Aug Type: Log-Pwr Avg Type: Log-Pwr Avg Hold: 1/10 Mkr3	GFSK_Avera	ge Frequency Auto Tu Center Fr 2.35200000 G Start Fr 2.30000000 G Stop Fr
11         J         start         Agilent Spect         VI         RL         Center F         10 dB/div         Log         10.0         .00         .10.0         .00         .10.0         .10.0         .20.0         .30.0         .40.0         .50.0         .60.0         .70.0         Start 2.3	rum Analyzer - Sw RF 50 G Freq 2.35200 Ref Offset 8. Ref 20.00	Dand band-edg	ge measuremer	Aug Type: Log-Pwr Avg Hold: 1/10 Mkr3	GFSK_Avera	ge Frequency Auto Tu Center Fr 2.35200000 G Start Fr 2.30000000 G Stop Fr
Agilent Spect Agilent Spect	rum Analyzer - Sw RF 50 G Freq 2.35200 Ref Offset 8. Ref 20.00 2 2 00000 GH2 1.0 MHz TRC SCL	pand band-edg	Ge measuremer	Aug Type: Log-Pwr Avg Hold: 1/10 Mkr3	GFSK_Avera	ge Frequency Auto Tu Center Fr 2.352000000 G Start Fr 2.300000000 G Stop Fr 2.404000000 G CF St 10.400000 M
Agilent Spect XI RL Center F 10 dB/div Center F 10.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0 .0.0	rum Analyzer - Sw RF 50 G Freq 2.35200 Ref Offset 8. Ref 20.00 2 2 00000 GH2 1.0 MHz TRC SCL	pand band-edg	Ge measuremer	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10  Mkr3	GFSK_Avera	ge Frequency Auto Tu Center Fr 2.35200000 G Start Fr 2.30000000 G Stop Fr 2.40400000 G CF St 10.400000 M Auto M
Agilent Spect Start Center F 10 dB/div Center F 10 dB/div Center F 10 dB/div 0.00 -20.0 -30.0 -40.0 -50.0 -60.0 -70.0 Start 2.3 #Res BW MKR MODE 1 N 2 N 3 N 4 5	rum Analyzer - Sw RF 50 G Freq 2.35200 Ref Offset 8. Ref 20.00 2 2 2 00000 GH2 1.0 MHz FRC SCL F	pand band-edg	Ge measuremer	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10  Mkr3	GFSK_Avera	ge Frequency Auto Tu Center Fr 2.352000000 G Start Fr 2.300000000 G Stop Fr 2.404000000 G CF Stu 10.400000 M
Agilent Spect Agilent Spect	rum Analyzer - Sw RF 50 G Freq 2.35200 Ref Offset 8. Ref 20.00 2 2 2 00000 GH2 1.0 MHz FRC SCL F	pand band-edg	Ge measuremer	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10  Mkr3	GFSK_Avera	ge Frequency Auto Tu Center Fr 2.35200000 G Start Fr 2.30000000 G Stop Fr 2.40400000 G CF Sto 10.400000 M Auto

Agilent Spectrum Analyzer - So           XI         RF         50           Center Freq 2.4890	Ω AC	SENSE:PULSE	ALIGN AUTO Avg Type: Log-Pwr	10:30:47 AM Nov 21, 2017 TRACE 1 2 3 4 5 6	
0011011109 2.4000	PNO: Fast IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Hold: 10/10	DET PPPP	
Ref Offset 8			Mkr3 2.5	500 000 00 GHz -42.853 dBm	Auto Tur
10 dB/div Ref 20.00				42.000 4811	0
0.00					2.489000000 Gł
-10.0					
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-40.0		فيستحد والمستعدية والمتعادية والمتعادية والمتلوم	المحارية الريش وإراك ومنافظتهم والفراحية والمراجع والمتراجع	3	2.478000000 GH
-50.0					Stop Fre
-60.0					2.500000000 GH
Start 2.47800 GHz				Stop 2.50000 GHz	CF Ste
#Res BW 1.0 MHz	#VE	3W 3.0 MHz		.067 ms (8001 pts)	2.200000 MH Auto Ma
MKR MODE TRC SCL	× 2.479 828 75 GHz	1.347 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	
2 N f 3 N f 4	2.483 500 00 GHz 2.500 000 00 GHz	-43.172 dBm -42.853 dBm			Freq Offs
5 6				3	01
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11	🗊 Agilent Spectru			Links »	) 👖 🔎 🔒 👰 🔯 10:30 A
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11 start Restrict-l Agilent Spectrum Analyzer - Sv	band band-edg		nts_Hopping Off_	Links »	ge
11 start Restrict-l Agilent Spectrum Analyzer - So	band band-edg wept 5A Ω AC 0 000000 GHz PN0: Fast	ge measureme		GFSK_Avera     10:30:59 AMNov 21, 2017     TRACE [1 2 3 4 5 6     TYPE [M YWWWWW	ge Frequency
11       Image: Construct of the sector of the	band band-edg wept SA Ω AC       000000 GHz PN0: Fast IFGain:Low		ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	DIG C C C C C C C C C C C C C C C C C C C	ge Frequency
Agilent Spectrum Analyzer - St Agilent Spectrum Analyzer - St Agilent Freq 2.48900 Ref Offset E 10 dB/div Ref 20.00	band band-edg wept SA Ω AC D00000 GHz PN0: Fast IFGain:Low 8.07 dB	ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	GFSK_Avera     10:30:59 AMNov 21, 2017     TRACE [1 2 3 4 5 6     TYPE [M YWWWWW	ge Frequency Auto Tur
11       Image: Construct of the sector of the	band band-edg wept SA Ω AC D00000 GHz PN0: Fast IFGain:Low 8.07 dB	ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	CGFSK_Avera	ge Frequency Auto Tur
11       Image: Construct of the sector of the	band band-edg wept SA Ω AC D00000 GHz PN0: Fast IFGain:Low 8.07 dB	ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	CGFSK_Avera	ge Frequency Auto Tur
11       Image: Construct of the sector of the	band band-edg wept SA Ω AC D00000 GHz PN0: Fast IFGain:Low 8.07 dB	ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	CGFSK_Avera	ge Frequency Auto Tur Center Fre 2.489000000 GF
11       Image: Construct - Im	band band-edg wept SA Ω AC D00000 GHz PN0: Fast IFGain:Low 8.07 dB	ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	CGFSK_Avera	ge Frequency Auto Tur Center Fre
II         Restrict-I           Agilent Spectrum Analyzer - St         X           X         RL         RF           SO         Center Freq 2.48900           IO         dB/div         Ref Offset 8           10         dB/div         Ref 20.000           90         1	band band-edg wept SA Ω AC D00000 GHz PN0: Fast IFGain:Low 8.07 dB	ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	CGFSK_Avera	ge Frequency Auto Tur Center Fre 2.48900000 GF Start Fre
Agilent Spectrum Analyzer - Sv M RL RF 50 Center Freq 2.48900	band band-edg	ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	GFSK_Avera	ge Frequency Auto Tur Center Fre 2.48900000 GF 2.478000000 GF Stop Fre
Interference         Restrict           Agilent Spectrum Analyzer - Start         Restrict           Agilent Spectrum Analyzer - Start         Start           Center Freq 2.48900         Ref Offset 8           10 dB/div         Ref Offset 8           10 dB/div         Ref 20.000           10.0         1           .000         .00           .000         .00           .000         .00           .000         .00           .000         .00           .000         .00           .000         .00           .000         .00	band band-edg	ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	GFSK_Avera	ge Frequency Auto Tur Center Fre 2.48900000 GF Start Fre 2.478000000 GF
Interference         Restrict           Agilent Spectrum Analyzer - Start         Restrict           Agilent Spectrum Analyzer - Start         Start           Center Freq 2.48900         Ref Offset 8           Interference         Ref Offset 8           Interference         Ref Offset 8           Interference         Ref Offset 8           Interference         Ref 000           Interfere         Ref	band band-edg	ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10  Mkr3 2.5	CGFSK_Avera	ge Frequency Auto Tur Center Fre 2.489000000 GF 2.478000000 GF 2.500000000 GF 2.500000000 GF
Indext Sector         Restrict-I           Agilent Spectrum Analyzer - Store         Store           Of RL         RF         50           Center Freq 2.48900         Ref Offset 8           10 dB/div         Ref 20.00           10 dB/div         Ref 20.00           10 0         1           20.0         1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1           -10.0         -1	band band-edg wept SA Q AC DOUDO GHz PN0: Fast IFGain:Low 3.07 dB dBm 2 dBm 4	ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10  Mkr3 2.5	GFSK_Avera	ge Frequency Auto Tur Center Fre 2.48900000 GF 2.478000000 GF 2.50000000 GF
Interference         Restrict           Agilent Spectrum Analyzer - Start         Restrict           Agilent Spectrum Analyzer - Start         Start           Center Freq 2.48900         Ref Offset 8           Interference         Ref Offset 8           Interference         Ref Offset 8           Interference         Ref Offset 8           Interference         Ref 000           Interfere         Ref	band band-edg	ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10  Mkr3 2.5	CGFSK_Avera	ge Frequency Auto Tur Center Fre 2.48900000 GF 2.47800000 GF 2.50000000 GF 2.50000000 GF CF Ste 2.20000 MF Auto Ma
11       Image: Sector of the se	band band-edg wept 5A 2 AC PN0: Fast IFGain:Low 3.07 dB dBm	ge measureme sense:PULse → Trig: Free Run #Atten: 30 dB	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10  Mkr3 2.5	GFSK_Avera	ge Frequency Auto Tur Center Fre 2.48900000 GF 2.478000000 GF 2.478000000 GF 2.50000000 GF 2.50000000 GF 2.50000000 GF 2.200000 MH Auto Ma
11       Image: Construct of the sector of the	band band-edg	Ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10  Mkr3 2.5	GFSK_Avera	ge Frequency Auto Tur Center Fre 2.48900000 GF 2.478000000 GF 2.478000000 GF 2.50000000 GF 2.50000000 GF 2.50000000 GF 2.200000 MH Auto Ma
11       Image: Sectrum Analyzer - Symplement Spectrum Analyzer - Symplement Analyzer - Symplement Spectrum Analyzer - Symplement Spectrum Analyzer - Symplement Analyzer - Symplement Spectrum Analyzer - Symplement Analyzer - Symplement Spectrum Analyzer - Symplement Analyzer - Sym	band band-edg	Ge measureme	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10  Mkr3 2.5	GFSK_Avera	ge Frequency Auto Tur Center Fre 2.489000000 GF 2.478000000 GF 2.500000000 GF 2.500000000 GF CF Ste 2.200000 MF

Agilent Spectrum Analyzer - S XI RL RF 50 Center Freq 2.357	000000 GHz	SENSE:PULSE	ALIGNAUTO Avg Type: Log-Pwr	10:32:10 AM Nov 21, 2017 TRACE 1 2 3 4 5 6	5 Frequency
Ref Offset 10 dB/div Ref 20.00		₩ Trig: Free Run #Atten: 30 dB	Avg Hold: 10/10 Mkr3	TYPE MWWWW DET PPPPP 3 2.390 000 GHz -44.313 dBm	Auto Tu
Log 10.0 0.00					Center Fr 2.357000000 G
-10.0				▲3	Start Fr 2.310000000 G
-40.0	<u>a gyd</u> anice, <u>ar 192 iniedd</u> afyryd dinesiad	gin fore a summer hand build of all with	ungen die dat fallen stad in gester die gester die	i den	<b>Stop Fr</b> 2.404000000 G
Start 2.31000 GHz #Res BW 1.0 MHz	#VB	W 3.0 MHz	Sweep	Stop 2.40400 GHz I.067 ms (8001 pts)	9.400000 M
MKR MODE TRC SCL 1 N f 2 N f 3 N f	× 2.401 932 GHz 2.310 000 GHz 2.390 000 GHz	V F 0.896 dBm -44.269 dBm -44.313 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	Freq Offs
4 5 6 7					0
8					
8 9 10 11				~	
9 10 11 < start	Agilent Spectrum		-Hopping Off_π	Links *	T
9 10 11 Start Restrict-ba	nd band-edge n swept SA D Q AC 0 000000 GHz		ALIGN AUTO Avg Type: Log-Pwr	Unis * ( /4-DQPSK_Av 10:32:21 AMNov 21, 2017 TRACE [1] 2 3 4 5 6	erage
9 10 11 Start Restrict-ba Agilent Spectrum Analyzer - S M RL RF 50 Center Freq 2.3570 Ref Offset	nd band-edge n wept SA DΩ AC PNO: Fast ← IFGain:Low 8.07 dB		ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	Unis * ( /4-DQPSK_Av 10:32:21 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P F 3 2.390 000 GHz	erage Frequency
9 10 11 Start Restrict-ba Agilent Spectrum Analyzer - S M RL RF 50 Center Freq 2.3570	nd band-edge n wept SA DΩ AC PNO: Fast ← IFGain:Low 8.07 dB	neasurements	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	Unis * ( /4-DQPSK_Av 10:32:21 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P F	Frequency
9 10 11 Start Restrict-ba Agilent Spectrum Analyzer - S M RL RF 50 Center Freq 2.3570 Ref Offset 10 dB/div Ref 20.00 10.0	nd band-edge n wept SA DΩ AC PNO: Fast ← IFGain:Low 8.07 dB	neasurements	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	Unis * ( /4-DQPSK_Av 10:32:21 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P F 3 2.390 000 GHz	Frequency Auto Tu Center Fr 2.35700000 G Start Fr
9 10 11 Start Restrict-ba Agilent Spectrum Analyzer - S X RL RF 50 Center Freq 2.357( 10 dB/div Ref Offset 10.0 10.0 -0.0 -10.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.0 -0.	nd band-edge n wept SA DΩ AC PNO: Fast ← IFGain:Low 8.07 dB	neasurements	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	Unis * ( /4-DQPSK_Av 10:32:21 AMNov 21, 2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P F 3 2.390 000 GHz	erage Frequency Auto Tu Center Fr 2.35700000 G Start Fr 2.310000000 G
9 10 11 Start Restrict-ba Agilent Spectrum Analyzer - S Agilent Spectrum Analyzer - S Agilent Spectrum Analyzer - S Center Freq 2.357( Center Freq 2.357( 10 dB/div Ref 20.00 -00 -00 -00 -00 -00 -00 -00	nd band-edge n wept SA DΩ AC PNO: Fast ← IFGain:Low 8.07 dB	neasurements	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 1/10	Crist ² ( 7/4-DQPSK_Av 10:32:21 AMNov 21, 2017 TRACE [1 2: 3 4 5 6 TYPE MWW DET P P P P P 3 2.390 000 GHz -53.775 dBm	erage Frequency Auto Tur Center Fr 2.357000000 G Start Fr 2.310000000 G Stop Fr 2.404000000 G
9 10 11 11 11 11 11 11 11 11 10 10	nd band-edge n	Trig: Free Run #Atten: 30 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 1/10 Mkr3	Cirils ²⁰ ( 7/4-DQPSK_Av 10:32:21 AMNov 21, 2017 TRACE 1 2 3 4 5 ( TYPE MWWWW DET P P P P P P 3 2.390 000 GHz -53.775 dBm	erage Frequency Auto Tu Center Fr 2.357000000 G Start Fr 2.310000000 G Stop Fr 2.404000000 G CF Stt 9.40000 M
9 10 11 11 Restrict-ba Agilent Spectrum Analyzer - S QX RL RF SC Center Freq 2.357( 10 dB/div Ref 20.00 10.0 0.00 -10.0 -20.0 -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 -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 -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 -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 -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 -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 -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 -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 -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 -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 -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 -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 -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 -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 -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 -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 -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	nd band-edge n	SENSE:PULSE Trig: Free Run #Atten: 30 dB	ALIGN AUTO Avg Type: Log-Pwr Avg Hold: 1/10 Mkr3	Cirils ²⁰ ( 7/4-DQPSK_Av 10:32:21 AMNOV 21, 2017 TRACE 1 2 3 4 5 ( TYPE MWWWW DET P P P P P P 3 2.390 000 GHz -53.775 dBm	erage Frequency Auto Tu Center Fr 2.357000000 G Start Fr 2.310000000 G Stop Fr 2.404000000 G CF Stt 9.40000 M

Agilent Spectrum Analyzer - So           IXI RL         RF         50           Center Freq 2.4890	Ω AC	SENSE:PULSE	ALIGN AUTO Avg Type: Log-Pwr	10:34:44 AM Nov 21, 2017 TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast IFGain:Lov		Avg Hold: 10/10		Auto Tu
Ref Offset 8 10 dB/div Ref 20.00				-41.920 dBm	
10.0					<b>Center Fr</b> 2.489000000 G
-10.0 -20.0 -30.0	$\wedge^2$			3.	<b>Start Fr</b> 2.478000000 G
-40.0		teriteriteriteriteriteriteriteriteriteri	ti a kasi di umi ata pana bitan a basin andarati dala	ar the last in the second of the second in the second second second second second second second second second s	
-60.0					<b>Stop Fr</b> 2.50000000 G
Start 2.47800 GHz #Res BW 1.0 MHz	#\	/BW 3.0 MHz		Stop 2.50000 GHz .067 ms (8001 pts)	CF Ste 2.200000 M
MKR MODE TRC SCL	×	Y	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto M
1 N f 2 N f 3 N f 4	2.480 117 50 GHz 2.483 500 00 GHz 2.500 000 00 GHz	-43.099 dBm			Freq Offs
5 6 7					
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9 10 11 < start	🗊 Aglent Spec			Links » 🤇	<b>파</b>
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9 10 11 <i>start</i> Restrict-bar Agilent Spectrum Analyzer - Sv X RL RF 50	nd band-edge wept SA Ω AC		ALIGNAUTO	Links " ( /4-DQPSK_Ave 10:34:55 AMNov 21, 2017	erage
9 10 11 Start Restrict-bar	end band-edge wept SA Ω AC   1000000 GHz PN0: Fast	sense:Pulse		/4-DQPSK_Ave	
9 10 11 Restrict-bar Agilent Spectrum Analyzer - So W RL RF 50 Center Freq 2.4890 Ref Offset 8 10 dB/div Ref 20.00	wept SA Ω AC 000000 GHz PN0: Fast IFGain:Loo 3.07 dB	sense:Pulse	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	4-DQPSK_Ave	erage
9 10 11 Start Restrict-bar Agilent Spectrum Analyzer - So RL RF 50 Center Freq 2.4890 Ref Offset 8	wept SA Ω AC 000000 GHz PN0: Fast IFGain:Loo 3.07 dB	sense:Pulse	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	4-DQPSK_Ave	Frequency Auto Tur Center Fre
9 10 11 Start Restrict-bar Agilent Spectrum Analyzer - So X RL RF 50 Center Freq 2.4890 Ref Offset 8 10 dB/div Ref 20.00	wept SA Ω AC 000000 GHz PN0: Fast IFGain:Loo 3.07 dB	sense:Pulse	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	4-DQPSK_Ave	Frequency Auto Tur
9 10 11 11 11 11 11 10 10 10 10	wept SA Ω AC 000000 GHz PN0: Fast IFGain:Loo 3.07 dB	sense:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	4-DQPSK_Ave	Frequency Auto Tur Center Fre
9 10 11 11 Restrict-bar Agilent Spectrum Analyzer - So X RL RF 50 Center Freq 2.4890 10 dB/div Ref 20.00 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	Ad band-edge wept SA Ω AC   PNO: Fast IFGain:Loo 3.07 dB dBm 	sense:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	4-DQPSK_Ave	Frequency Auto Tur Center Fre 2.489000000 G
9 10 11 11 11 Restrict-bar Agilent Spectrum Analyzer - So 10 dB/div Ref Offset 8 10 dB/div Ref 20.00 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	wept SA Ω AC 000000 GHz PN0: Fast IFGain:Loo 3.07 dB	sense:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	4-DQPSK_Ave	Frequency Auto Tur Center Fre 2.489000000 G Start Fre 2.478000000 G
9 10 11 11 Restrict-bar Agilent Spectrum Analyzer - So 21 RL RF 50 Center Freq 2.4890 10 dB/div Ref 20.00 10.0 10.0 -0.0 -10.0 -30.0 -40.0	Ad band-edge wept SA Ω AC   PNO: Fast IFGain:Loo 3.07 dB dBm 	sense:PULSE	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	4-DQPSK_Ave	Frequency Auto Tur Center Fre 2.48900000 G
9 10 11 11 11 11 11 10 10 10 10	Ad band-edge	e measurements	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.5	4-DQPSK_Ave	Frequency Auto Tur Center Fre 2.48900000 Gi Start Fre 2.478000000 Gi Stop Fre 2.50000000 Gi CF Ste
9 10 11 11 11 11 11 11 Restrict-bar Agilent Spectrum Analyzer - So 10 dB/div Ref Offset 8 10 dB/div Ref 20.00 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	Ad band-edge	measurements     SENSE:PULSE     Trig: Free Run     #Atten: 30 dB	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10  Mkr3 2.5	V4-DQPSK_Ave	Frequency           Auto Tut           Center Frequency           2.489000000 G           Start Frequency           2.478000000 G           Stop Frequency
9 10 11 11 11 11 11 11 11 11 10 10	Ad band-edge wept SA 2 AC PNO: Fast IFGain:Low 3.07 dB dBm 2 2 2 3.07 dB 3.07 dB 4 3.07 dB 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Permeasurements	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.5	4-DQPSK_Ave	Frequency Auto Tu Center Fr 2.489000000 G Start Fr 2.478000000 G Stop Fr 2.500000000 G CF Str Auto M
9 10 11 11 11 11 11 11 11 11 10 10	Ad band-edge wept SA	Permeasurements	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10  Mkr3 2.5	V4-DQPSK_Ave	Frequency Auto Tu Center Fr 2.489000000 G Start Fr 2.478000000 G Stop Fr 2.500000000 G CF Sto 2.200000 M Auto M
9 10 11 11 11 11 11 11 11 11 10 10	Ad band-edge wept SA 2 AC PNO: Fast IFGain:Low 3.07 dB dBm 2 2 2 3.07 dB 3.07 dB 4 3.07 dB 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Permeasurements	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10  Mkr3 2.5	V4-DQPSK_Ave	Frequency Auto Tur Center Fre 2.48900000 Gi Start Fre 2.478000000 Gi Stop Fre 2.500000000 Gi CF Ste 2.20000 Mi

Agilent Spectrum Ana WRL RF Center Freq 2	50 Ω AC 2.357000000 GH	7	SENSE:PUL		ALIGNAUTO Type: Log-Pwr	TRAC	MNov 21, 2017 E 1 2 3 4 5 6	Frequency
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start Rest Agilent Spectrum Ana	rict-band band lyzer - Swept SA  50 Q AC   2.3570000000 GH	d-edge Iz 10: Fast ↔	SENSE:PUL	E Avg		10:37:49 Af TRAC TYF	Links * K_Avera MNov 21, 2017 ²⁶ 1 2 3 4 5 6 ²⁶ M WWWWW	
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Ref Office # 87 dB         Mkr3 2.500 000 00 GHz         Auto Tu           10 dB/dv         Ref 20.00 dBm         -43.699 dBm         Center Fr           10 dB/dv         Ref 20.00 dBm         -43.699 dBm         -43.699 dBm           10 dB/dv         Ref 20.00 dBm         -43.699 dBm         -43.699 dBm           10 dB/dv         Ref 20.00 dBm         -43.699 dBm         -43.699 dBm           10 dB/dv         Ref 20.00 dBm         -43.699 dBm         -43.699 dBm           10 dB/dv         Ref 20.00 dBm         -43.699 dBm         -43.699 dBm           10 dB/dv         Ref 20.00 dHz         -43.699 dBm         -24800000 dHz           10 dB/dv         Res bW 10 MHz         Stop 2.6000 dHz         -24800000 dHz           10 dB/dv         Res bW 10 MHz         Stop 2.6000 dHz         -22000000 dHz           11 dB/dv         1 dB/dv         -43.699 dBm         -243500 dBm         -43.699 dBm           11 dB/dv         1 dB/dv         -43.699 dBm         -43.699 dBm         -43.699 dBm           11 dB/dv         1 dB/dv         -43.699 dBm         -43.699 dBm         -43.699 dBm           11 dB/dv         1 dB/dv         -43.699 dBm         -43.699 dBm         -43.699 dBm           11 dB/dv         -43.699 dBm         -43		00000 GHz PNO: Fast	Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency		
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#Res BW 1.0 MHz       #VBW 3.0 MHz       Sweep 1.067 ms (8001 pts)       2.20000 MHz         MR MORE THE SEC 1 2479 868 25 GHZ 10 507 MB       PROCEED WORD H       FUNCTION WORD	-70.0					2.50000000 Gr		
No.         C         V         Function         Function         Function         Auto         Mile           1         1         1         2.473.968.55.012         0.97.08m         Freq Offs         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.000         6.00.0000         6.00.000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.0000         6.00.00000         6.00.00000         6.00.00000         6.00.00000         6.00.00000         6.00.00000         6.00.000000         6.00.000000         6.00.0000000         6.00.000000000         6.00.0000000000000000000         6.00.000000000000000000000000000000000		- #VE						
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6       9       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	4	2.500 000 00 GHz	43.699 dBm					
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11       Image: Sectors Acc.       Im	8							
Note: The Applied Spectrum Analyzer - Swept 5A           Restrict-band band-edge measurements_Hopping Off_8-DPSK_Average           AutomAtric         Dispersion         Provide Spectrum Analyzer - Swept 5A         Sense PULSE         AutomAtric         Dispersion         Frequency           Center Freq 2.489000000 GHz         FRO (Fiset 8.07 dB         Avg Type: Log-Pwr         Trace [12 3:3.457         Frequency           0 dB/div         Ref Offset 8.07 dB         Mkr3 2.500 000 00 GHz         Trace [12 3:4.57         Center Freq 2.489000000 GHz           100         0.00         1         -53.478 dBm         Avg Type: Log-Pwr         Trace [12 3:4.57         Center Freq 2.489000000 GHz           2.000         0.00         -53.478 dBm         -53.478 dBm         Center Freg 2.489000000 GHz         2.489000000 GHz           0.00         -00         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01         -01 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>								
Restrict-band band-edge measurements_Hopping Off_8-DPSK_Average         Restrict-band band-edge measurements_Hopping Off_8         MKr3 2.500000 GHz         Start Frequency         Auto Tur         Center Freq         Conter Frequency         Center Frequency         Center Freq <th colspa="&lt;/td"><td></td><td></td><td></td><td></td><td></td><td></td></th>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Ref Offset 8.07 dB         Mkr3 2.500 000 00 GHz         Auto Tur           10 dB/div         Ref 20.00 dBm         -53.478 dBm         Center Fre           10 dB/div         1         1         1         1         1         1           0.00         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1				ts_Hopping Off_8	Links » 🤇			
Log         Num         Production         Center Fre           0.00         1         1         1         1         1         2.48900000 GH           10.0         20.0         30.0         30.0         30.0         30.0         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1	Restrict-ba	and band-edg		ALIGN AUTO Avg Type: Log-Pwr	Links * ( D-DPSK_Avera 10:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6	ge		
0.00         1         2.48900000 GH           -0.0         -0.0         -0.0         -0.0           -0.0         -0.0         -0.0         -0.0           -0.0         -0.0         -0.0         -0.0           -0.0         -0.0         -0.0         -0.0           -0.0         -0.0         -0.0         -0.0         -0.0           -0.0         -0.0         -0.0         -0.0         -0.0           -0.0         -0.0         -0.0         -0.0         -0.0           -0.0         -0.0         -0.0         -0.0         -0.0           -70.0         -0.0         -0.0         -0.0         -0.0           Start 2.47800 GHz         #VBW 10 Hz         Stop 2.50000 GHz         2.50000000 GHz           Start 2.47800 GHz         #VBW 10 Hz         Stop 2.50000 GHz         2.200000 MHA           MKR MODE TRC SCL         X         Y         FUNCTION FUNCTION WIDTH         FUNCTION VALUE           1         N         f         2.483 500 000 GHz         -53.430 dBm         -60.0         -70.0           3         N         f         2.500 000 00 GHz         -53.478 dBm         -70.0         -70.0         -70.0           1	Restrict-ba	and band-edg	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	DPSK_Avera D-DPSK_Avera 10:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MWWWW DET P P P P P P 00 0000 00 GHz	ge Frequency		
10.0       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	Restrict-ba	and band-edg	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	DPSK_Avera D-DPSK_Avera 10:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MWWWW DET P P P P P P 00 0000 00 GHz	ge Frequency Auto Tur		
-30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0       -30.0 <td< td=""><td>Restrict-ba</td><td>and band-edg</td><td>e measuremen</td><td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10</td><td>DPSK_Avera D-DPSK_Avera 10:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MWWWW DET P P P P P P 00 0000 00 GHz</td><td>ge Frequency Auto Tur Center Fre</td></td<>	Restrict-ba	and band-edg	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	DPSK_Avera D-DPSK_Avera 10:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MWWWW DET P P P P P P 00 0000 00 GHz	ge Frequency Auto Tur Center Fre		
-40.0         -40.0         -2         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -40.0         -50.0         -50.0         -50.0         -50.0         -50.0         -50.0         -60.0         -40.0         -50.0         -60.0         -60.0         -70.0         -40.0         -50.0         -60.0         -60.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -70.0         -7	Restrict-ba	and band-edg	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	DPSK_Avera D-DPSK_Avera 10:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MWWWW DET P P P P P P 00 0000 00 GHz	ge Frequency Auto Tur Center Fre		
-50.0       -60.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0       -70.0 <td< td=""><td>Restrict-ba           Agilent Spectrum Analyzer - Sw           OT RL         RF         50 S           Center Freq 2.48900           Ref Offset 8           10 dB/div         Ref Offset 8           10 dB/div         Ref 20.00         10.0         11         10.0         11         10.0         11         10.0         11         120.0         11         10.0         11         10.0         11         120.0         11         11         120.0         11         11         11         120.0         11         11         120.0         11         11         11         120.0         11         11         120.0         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11</td><td>and band-edg</td><td>e measuremen</td><td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10</td><td>DPSK_Avera D-DPSK_Avera 10:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MWWWW DET P P P P P P 00 0000 00 GHz</td><td>ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre</td></td<>	Restrict-ba           Agilent Spectrum Analyzer - Sw           OT RL         RF         50 S           Center Freq 2.48900           Ref Offset 8           10 dB/div         Ref Offset 8           10 dB/div         Ref 20.00         10.0         11         10.0         11         10.0         11         10.0         11         120.0         11         10.0         11         10.0         11         120.0         11         11         120.0         11         11         11         120.0         11         11         120.0         11         11         11         120.0         11         11         120.0         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11         11	and band-edg	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	DPSK_Avera D-DPSK_Avera 10:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MWWWW DET P P P P P P 00 0000 00 GHz	ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre		
-0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0       -0.0	Restrict-ba           Agilent Spectrum Analyzer - Sw           OF RL           RF         SO &           Center Freq 2.48900           Ref Offset 8           10 dB/div         Ref Offset 8           10.0         0           10.0         1           10.0         1           10.0         1           10.0         1	and band-edg	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	DPSK_Avera -DPSK_Avera I0:39:44 AMNov 21,2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P D0 0000 00 GHz -53.478 dBm	ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre		
Start 2.47800 GHz #Res BW 1.0 MHz         #VBW 10 Hz         Stop 2.50000 GHz Sweep         CF Step 1.716 s (8001 pts)           MKR MODE TRC SCL         X         Y         FUNCTION FUNCTION WIDTH         FUNCTION VALUE         Auto           1         N         f         2.480 037 75 GHz         -13.094 dBm         FUNCTION WIDTH         FUNCTION VALUE         Function Value <td< td=""><td>Restrict-ba           Agilent Spectrum Analyzer - Sw           XX         RF         50 S           Center Freq 2.4890         Ref Offset 8           Log         Ref 20.00         1           10.0         0.00         1           -20.0         -40.0         -40.0</td><td>and band-edg</td><td>e measuremen</td><td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10</td><td>DPSK_Avera -DPSK_Avera I0:39:44 AMNov 21,2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P D0 0000 00 GHz -53.478 dBm</td><td>Ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF</td></td<>	Restrict-ba           Agilent Spectrum Analyzer - Sw           XX         RF         50 S           Center Freq 2.4890         Ref Offset 8           Log         Ref 20.00         1           10.0         0.00         1           -20.0         -40.0         -40.0	and band-edg	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	DPSK_Avera -DPSK_Avera I0:39:44 AMNov 21,2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P D0 0000 00 GHz -53.478 dBm	Ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF		
#Res BW 1.0 MHz         #VBW 10 Hz         Sweep         1.716 s (8001 pts)         2.20000 MHz           MKR_MODE         TRC SCL         X         Y         FUNCTION         FUNCTION WIDTH         FUNCTION VALUE         Auto         Matter           1         N         f         2.480 037 75 GHz         -13.094 dBm         FUNCTION         FUNCTION VALUE         Matter         Matter         Matter         Matter         Freq Offs         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G         G <td< td=""><td>Restrict-ba           Agilent Spectrum Analyzer - Sw           Ref Offset 8           Center Freq 2.48900           Ref Offset 8           10 dB/div         Ref Offset 8           10 dB/div         Ref 20.00           10.0         1         1           -20.0         -1         -1           -30.0         -1         -1           -60.0         -60.0         -60.0</td><td>and band-edg</td><td>e measuremen</td><td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10</td><td>DPSK_Avera -DPSK_Avera I0:39:44 AMNov 21,2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P D0 0000 00 GHz -53.478 dBm</td><td>ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF</td></td<>	Restrict-ba           Agilent Spectrum Analyzer - Sw           Ref Offset 8           Center Freq 2.48900           Ref Offset 8           10 dB/div         Ref Offset 8           10 dB/div         Ref 20.00           10.0         1         1           -20.0         -1         -1           -30.0         -1         -1           -60.0         -60.0         -60.0	and band-edg	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10	DPSK_Avera -DPSK_Avera I0:39:44 AMNov 21,2017 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P D0 0000 00 GHz -53.478 dBm	ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF		
MAR         MUDE         HC SUL         X         Y         FUNCTION         FUNCTION WIDTH         FUNCTION VALUE         X           1         N         f         2.480 037 75 GHz         -13.094 dBm	Restrict-ba           Agilent Spectrum Analyzer - Sw           Q RL         RF         SO S           Center Freq 2.48900           Ref Offset 8           10 dB/div         Ref Offset 8           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           -0.0         1           -0.0         1           -0.0         1           -0.0         -0.0         -0.0         -0.0         -0.0         -0.0         -0.0         -0.0 <th cols<="" td=""><td>and band-edg</td><td>e measuremen</td><td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50</td><td>-DPSK_Avera</td><td>ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF</td></th>	<td>and band-edg</td> <td>e measuremen</td> <td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50</td> <td>-DPSK_Avera</td> <td>ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF</td>	and band-edg	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50	-DPSK_Avera	ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF	
2         N         f         2.483 500 00 GHz         -53.430 dBm         Freq Offs           3         N         f         2.500 000 00 GHz         -53.478 dBm         Image: Control of the second	Restrict-ba           Agilent Spectrum Analyzer - Sw           Q RL RF 50 S           Center Freq 2.48900           Ref Offset 8           10 dB/div Ref 20.00           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           11           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0 <t< td=""><td>and band-edg</td><td>e measuremen</td><td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50</td><td>Control 2 - DPSK_Avera -DPSK_Avera III:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MUNICAL DET P P P P P DO 0000 00 GHz -53.478 dBm 3 3 </td><td>ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF Stop Fre 2.500000000 GF</td></t<>	and band-edg	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50	Control 2 - DPSK_Avera -DPSK_Avera III:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MUNICAL DET P P P P P DO 0000 00 GHz -53.478 dBm 3 3 	ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF Stop Fre 2.500000000 GF		
	Restrict-ba           Agilent Spectrum Analyzer - Sw           Q RL         RF         SO S           Center Freq 2.48900           Ref Offset 8           10 dB/div         Ref Offset 8           10.0         0           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           10.0         1           20.0         1           20.0 <th 2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2"2<="" colspan="2" td=""><td>and band-edg</td><td>e measuremen</td><td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50</td><td>Control 2 - DPSK_Avera -DPSK_Avera III:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MMMMMUN Det P P P P P P DO 000 00 GHz -53.478 dBm 3 3 -53.478 dBm 3 -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm</td><td>ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF Stop Fre 2.500000000 GF CF Ste 2.200000 MF</td></th>	<td>and band-edg</td> <td>e measuremen</td> <td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50</td> <td>Control 2 - DPSK_Avera -DPSK_Avera III:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MMMMMUN Det P P P P P P DO 000 00 GHz -53.478 dBm 3 3 -53.478 dBm 3 -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm</td> <td>ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF Stop Fre 2.500000000 GF CF Ste 2.200000 MF</td>		and band-edg	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50	Control 2 - DPSK_Avera -DPSK_Avera III:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MMMMMUN Det P P P P P P DO 000 00 GHz -53.478 dBm 3 3 -53.478 dBm 3 -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm	ge Frequency Auto Tur Center Fre 2.489000000 GF Start Fre 2.478000000 GF Stop Fre 2.500000000 GF CF Ste 2.200000 MF
6	Restrict-ba           Agilent Spectrum Analyzer - Sw           QC RL         RF         50 S           Center Freq 2.48900           Ref Offset 8.           10 dB/div         Ref Offset 8.           10.0         00           10.0         00           10.0         00           10.0         00           10.0         00           10.0         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00         00	and band-edg  vept SA 2 AC DOUDO GHz PN0: Fast IFGain:Low .07 dB dBm	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50	Control 2 - DPSK_Avera -DPSK_Avera III:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MMMMMUN Det P P P P P P DO 000 00 GHz -53.478 dBm 3 3 -53.478 dBm 3 -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm	ge Frequency Auto Tur Center Fre 2.48900000 Gi 2.478000000 Gi Start Fre 2.478000000 Gi Stop Fre 2.500000000 Gi CF Ste 2.200000 Mi Auto		
	Restrict-ba           Agilent Spectrum Analyzer - Sw           OX RL RF 50 S           Center Freq 2.48900           Center Freq 2.48900           IO dB/div Ref 0ffset 8           10 dB/div Ref 20.00           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0           10.0 <th <="" colspan="2" td=""><td>and band-edg  vept SA 2 AC DOUDO GHz PN0: Fast IFGain:Low .07 dB dBm</td><td>e measuremen</td><td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50</td><td>Control 2 - DPSK_Avera -DPSK_Avera III:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MMMMMUN Det P P P P P P DO 000 00 GHz -53.478 dBm 3 3 -53.478 dBm 3 -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm</td><td>2.478000000 GF 2.489000000 GF 2.478000000 GF 2.478000000 GF 2.50000000 GF 2.50000000 GF 2.200000 MF Auto MA Auto MA Freq Offs</td></th>	<td>and band-edg  vept SA 2 AC DOUDO GHz PN0: Fast IFGain:Low .07 dB dBm</td> <td>e measuremen</td> <td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50</td> <td>Control 2 - DPSK_Avera -DPSK_Avera III:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MMMMMUN Det P P P P P P DO 000 00 GHz -53.478 dBm 3 3 -53.478 dBm 3 -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm</td> <td>2.478000000 GF 2.489000000 GF 2.478000000 GF 2.478000000 GF 2.50000000 GF 2.50000000 GF 2.200000 MF Auto MA Auto MA Freq Offs</td>		and band-edg  vept SA 2 AC DOUDO GHz PN0: Fast IFGain:Low .07 dB dBm	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50	Control 2 - DPSK_Avera -DPSK_Avera III:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MMMMMUN Det P P P P P P DO 000 00 GHz -53.478 dBm 3 3 -53.478 dBm 3 -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm	2.478000000 GF 2.489000000 GF 2.478000000 GF 2.478000000 GF 2.50000000 GF 2.50000000 GF 2.200000 MF Auto MA Auto MA Freq Offs
	Restrict-ba           Agilent Spectrum Analyzer - Sw           QT RL         RF         50 S           Center Freq 2.48900           Ref Offset 8           10 dB/div         Ref Offset 8           10.0         0.0           10.0         0.00         1           -20.0         0         1         0           -30.0         0         1         0         0           -40.0         0         0         0         0         0           -50.0         0         0         0         0         0         0         0           -70.0         5         5         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 <t< td=""><td>and band-edg  vept SA 2 AC DOUDO GHz PN0: Fast IFGain:Low .07 dB dBm</td><td>e measuremen</td><td>ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50</td><td>Control 2 - DPSK_Avera -DPSK_Avera III:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MMMMMUN Det P P P P P P DO 000 00 GHz -53.478 dBm 3 3 -53.478 dBm 3 -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm</td><td>2.478000000 GF 2.489000000 GF 2.478000000 GF 2.478000000 GF 2.50000000 GF 2.50000000 GF 2.200000 MF Auto MA Auto MA Freq Offs</td></t<>	and band-edg  vept SA 2 AC DOUDO GHz PN0: Fast IFGain:Low .07 dB dBm	e measuremen	ALIGNAUTO Avg Type: Log-Pwr Avg Hold: 5/10 Mkr3 2.50	Control 2 - DPSK_Avera -DPSK_Avera III:39:44 AMNov 21, 2017 TRACE [1 2 3 4 5 6 TYPE MMMMMUN Det P P P P P P DO 000 00 GHz -53.478 dBm 3 3 -53.478 dBm 3 -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm -53.478 dBm	2.478000000 GF 2.489000000 GF 2.478000000 GF 2.478000000 GF 2.50000000 GF 2.50000000 GF 2.200000 MF Auto MA Auto MA Freq Offs		