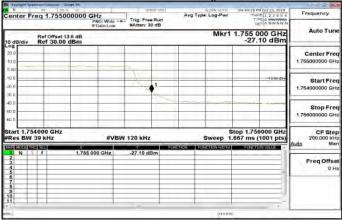


LTE\Band4_3MHz_QPSK_15_0_LowCH19965-1711.5

Report Statement Analyzer - Strapt 54	1 219 201	ALION AUTO	04-28.34 PM 04 23, 2514						
enter Freq 1.710000000 GHz	Wide Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 5 TIPE A WWWWW DET A NIN NIN N	Frequency					
Ref Offset 138 dB Mkr1 1.710 000 GHz 10 dB/div Ref 30.00 dBm -26.08 dBm									
0g 80a 100				Center Fre					
101 00	12		-1500 404	Start Free 1.709000000 GH					
0 0 0 10 0 10 0				Stop Fre 1.711000000 GH					
tart 1.709000 GHz Res BW 39 kHz	#VBW 120 kHz	Sweep 1	Stop 1.711000 GHz .667 ms (1001 pts)	CF Ste 200.000 kH					
N f 1.710.000		FUNCTION FUNCTION WORK	FUNCTION WALKE	Auto Ma					
2 3 4 6				Freq Offse					
6 7 8 9 0									

LTE\Band4_3MHz_QPSK_15_0_HighCH20385-1753.5



LTE\Band4_5MHz_QPSK_1_0_LowCH19975-1712.5

	attract dram/an -		and the second s					2 2		
Center F		000000 GHz PNO: Wide	Trig: Free Run #Atten: 30 dB	Avg	Type: Log-Pwr	THE A	3254 Freque	ncy		
10 dB/div	Ref Offset 13.8 dB Mkr1 1.710 000 GHz									
20.0				1	-		Cente 1.7100000	er Free		
100 -100 -200 -300				1	1	-	Sta 1.7090000	rt Free		
40,0 60,0 60,0							Sto 1.7110000	p Free		
Res BW			BW 150 kHz	SUNCTION	Sweep 1	Stop 1.711000 .000 ms (100	1 pts) 200.	F Ste 000 kH Ma		
T N I	1	1.710.000 GHz	-22.80 dBm					Offse 0 H		
2 3 4 6 7 7 8 9 10 11										
*					=ratu		· .			

LTE\Band4_5MHz_QPSK_1_24_HighCH20375-1752.5

Frequency	1 2 3 4 5 5 4 WWWW T A NIN NIN N	TRAD	Log-Pwr	Ave Typ		1	Z IO: Wide -	0000 GH	.75500	Freq	ter	len
Auto Tun	00 GHz 90 dBm	Ref Offset 13.8 dB Mkr1 1.755 000 GHz 10 dB/div Ref 30.00 dBm -22.90 dBm										
Center Fre 1,755000000 Gi							1	1				20.0
Start Fre 1.754000000 GH	-1309-001	_		-		1		1ª	/			0.00
Stop Fre 1.756000000 GH		1		-							~	-30 0 -40 0 -60 0
CF Ste 200.000 ki Auto Mi	5000 GHz 1001 pts)	.000 ms (s weep 1.			/ 150 kHz	#VB			5400 V 51 k		Star
Freq Offs	71 WALDE	FUNCTO	TEN WERH	CTION P		-22.90 d	GHz	1.755 00			N	2345
												6 7 8 9 10
	+*		STATUS		1	1				1	-	11

LTE\Band4_5MHz_QPSK_25_0_LowCH19975-1712.5

	109-25-22 PM Gct 23, 2014	ALTON AUTO	-	289.2			attenent Aramy/an	Compare Sale			
Frequency	TRACE 1 2 3 4 5 8 TIPE A WWWWW	pe: Log-Pwr	Ave	Trig: Free Run	GHz PNO: Wide	10000000 G					
Auto Tun	1,710 000 GHz	Mkr1 1.710 000 GHz									
	-28.58 dBm	1000				0.00 dBm		dB/div			
Center Fre							-				
			100					10			
StartFre	-1202 001	-	1		_		_	0			
1.709000000 GH			1	•				0			
Stop Fre		-						0			
1.711000000 GH								0			
CF Ste 200.000 kH	top 1.711000 GHz .000 ms (1001 pts)			150 kHz	#VBW	Hz	9000 GH 51 kHz	art 1.70 les BW			
Auto Ma	FUNCTIONALUE	UNDERWOOD	RUNCTION	-28.68 dBm	0 000 GHz	1,710.0		N			
Freq Offse											
					-						
	+			~							
		matters.						1			

LTE\Band4_5MHz_QPSK_25_0_HighCH20375-1752.5

			-					Anna Anna - Sa		Karpenne S
Frequency	104:15:01 PM 0:0 22, 2014 104:05 1, 2, 3, 4, 5, 6 1, 7:05 A, 9:04 M N, 10 N	Type: Log-Pwr	Ave	ee Run	1.000	Hz NO: Wille	00000 G		Freq	
Auto Tun			_	30 dB	#Atten: 3	Gain/Low	1	_		-
	1.755 000 GHz -30.28 dBm	MKr1						f Offset 1 f 30.00		dB/div
Center Fre			_	-		-		-	_	0.0
1.755000000 GH			_	-	-	-		-	_	0.0
	-17.02 (D)*							1		00
Start Free 1.754000000 GH	-110 434			11-	-					5.0
1.1 0400000 013				•	-	-	-	-	-	5.0.
Stop Free				-	-	-	-	-	-	0,0
1.756000000 GH										0,0
CF Step	top 1.756000 GHz		-	-		1	-	0 GHz		
200.000 kH Auto Ma	000 ms (1001 pts)			z	/ 150 kH;	#VBV			W 51 k	
Luman .	FUNCTION WALVE	FUNCTION WORK	PUNCTION	dBm	-30.28 d	00 GHz	1,765.0		T I	N
Freq Offse				+		-		-		2 3 4 5 6 7 7 8 9 9 1
UA	-			-		-		-		5
				-						7
	0					_				9
				-	~	-		1		1
		Status								2

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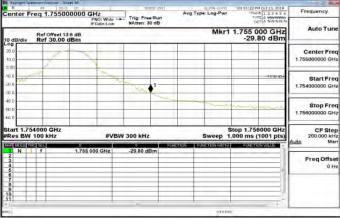
Report No.: E2/2019/90045 Page 211 of 645



LTE\Band4_10MHz_QPSK_1_0_LowCH20000-1715

Ber Offset 13.6 dB Mikr1 1.710 000 GHz Auto T 10 dBldiv Ref 30.00 dBm -32,67 dBm Auto T 30 dB 0 -32,67 dBm Center 1 10 dBldiv Ref 30.00 dBm -32,67 dBm Center 1 30 dB 0 -32,67 dBm Center 1 10 dBldiv 1 -400 -32,67 dBm Center 1 10 dBldiv 1 -400 -32,67 dBm Start 1 10 dBldiv 1 -400 -32,67 dBm Start 1 10 dBldiv 1 -400 -300,000 Start 1 10 dBldiv 1 -400 -400 Start 1 10 dBldiv #VBW 300 kHz Sweep 1.000 ms (1001 pts) Auto 10 dBldiv 1 -32,67 dBm -400 Auto 11 dBldiv 1 -400 -400 -400	Center F		000000 GHz	Trig: Free Ru	Avg Type	Log-Pwr	TRAD	E 1 2 3 4 5 8	Frequency
Content Content 100 1	10 dBides	Auto Tune							
Start f Start f 1 <	20.0 10.0	Ref 30.00				1	~		Center Fre 1.710000000 GH
42.0	-10 D -20 //				- Andrew Col		-	Yuman	Start Fre 1.709000000 GH
N F 1.000 GHz Sweep 1.000 ms (1001 pts) Auto Auto Auto N N 1 1.710 000 GHz -32.67.dBm Function woin Function <	40.0 60.0	-							Stop Fre 1.711000000 GH
N F 1,710,000 GHz -32.67.dBm FURIER Work FURIER Work FURIER WORK FURIER WORK FURIER WORK Freq OI 2 - - - - - - - - - Freq OI 4 - - - - - - - - Freq OI 5 -			#	VBW 300 kHz		Sweep 1	Stop 1.711 .000 ms (000 GHz 1001 pts)	CF Ste 200.000 kl- Auto Ma
2			1 710 000 GHz	32.67 dBm	EUROTON TEL	CHEM WERE	FUNCTO	WWALDE -	Auto Ma
7	2 3 4 5								Freq Offse
	7 8 9								
	11	11				_		· *	

LTE\Band4_10MHz_QPSK_1_49_HighCH20350-1750



LTE\Band4 10MHz QPSK 50 0 LowCH20000-1715

Konstit Spattourringer				and the second second second second	
Center Freq 1.710	PNO: Witte	Trig: Free Run	Avg Type: Log-Pwr	18416 31 PM 0d 23, 2019 18406 1 2 3 4 5 5 TUPE A WWWWW DET A NR NR N	Frequency
10 dB/div Ref 30.0		#Atten: 30 dB	Mkr1	1.710 000 GHz -29.97 dBm	Auto Tune
20.0					Center Freq 1,71000000 GHz
103 -100 -200 -300		•1		1100 001	Start Freq 1.709000000 GHz
-50 m -60 0 -60 0					Stop Freq 1.711000000 GHz
Start 1.709000 GH; #Res BW 100 kHz		SW 300 kHz		Stop 1.711000 GHz .000 ms (1001 pts)	CF Step 200.000 kHz Auto Man
TNT	1.710.000 GHz	-29,97 dBm			Freq Offset 0 Hz
2 3 4 6 7 7 8 9 9 10 11					
() () () () () () () () () () () () () (≡s=ist	s	

R		000000 GH	z	1	a avr	Avg Type: L	og-Pwr	TRAC	00223.2014 6 1 2 3 4 5 5	Frequency
	_	PN	0:Wille	#Atten: 30				DE	A NINNN	Auto Tun
0 dB/div	Ref Offset 13.8 dB Mkr1 1.755 000 GHz dB/div Ref 30.00 dBm -30.31 dBm									
20.0 10.0	_						-			Center Fre
0.00			_					_	-1103 401	Start Fre
20.0 30.0		_	~							1.754000000 GH
40,0 50,0 60,0										Stop Fre 1.756000000 GH
tart 1.75 Res BW	4000 GHz 100 kHz		#VBW	300 kHz	-	Sw	S	top 1.756 000 ms (000 GHz 1001 pts)	CF Ste 200.000 ki
		1,755 000	GHz	-30.31 dB		ADDON FORM	LW WEITH	FUNCTO	WWALDE	Auto Ma
2 3 4 5										Freq Offs 0 F
5 6 7 8 9										
10				-	-					
0							STATUS			

LTE\Band4 10MHz QPSK 50 0 HighCH20350-1750

LTE\Band4_15MHz_QPSK_1_0_LowCH20025-1717.5

		-		-		inform - Scoute SA		wywgett S	
Frequency	1992271100/21.2019 TRADE 1.2.3 4 5 8 TIPE A WWWWW DET A N.N.N.N.N.	e: Log-Pwr	Ave Ta	Trig: Free Rur	OGHz PNO: Wide	710000000	Freq 1.7	nter F	Cer
Auto Tune	710 000 GHz -26.71 dBm	Mkr1		#Atten: 30 dB	IFGain/Low	ffset 13.8 dB 30.00 dBm		dB/div	10 0
Center Free 1.710000000 GH								0	20.0
Start Free 1.709000000 GH	-1100 40.1	and the	where the second					0	100 -100 -200
Stop Free 1.711000000 GH								0	40,0 60,0 60,0
CF Ster 200.000 kH Auto Ma	0 1.711000 GHz 0 ms (1001 pts)	Sweep 1.	BUNCTION .	620 kHz	#VBI		09000 G V 200 kH	es BV	#Re
Freq Offse				-26.71 dBm	10 000 GHz	1,710	1 1	N	23456
									7 8 9 10 11
	+	Tatus		-					* []

LTE\Band4_15MHz_QPSK_1_74_HighCH20325-1747.5

0.2		-			_	M 34	tourt Annu An - Son	Supermitting
Frequency	184:13:55 PM 0:0 23, 2019 18406 1 2 3 4 5 5 TVPE 4 WWWWW DET 4 N N N N N	Type: Log-Pwr	Ave	Trig: Free Run	Z IO: Wilde -+-	0000 GH	eq 1.75500	enter Fr
Auto Tun	1.755 000 GHz	Mkr1	-	#Atten: 30 dB	Sein Low	IFI	Ref Offset 13	-
	-27.25 dBm						Ref 30.00 c	0 dB/div
Center Fre		-			1		-	20.0
1.1.1.1	-1709 (D)1	-		-		MIL		0.00
Start Fre 1.754000000 GH		-	- 11	and the second	Sec. B. Cherry			20.0
Stop Fre			mi-		_		-	40,0
1.756000000 GH								60,0
CF Ste 200.000 kH Auto Ma	top 1.756000 GHz .000 ms (1001 pts)	Sweep 1.		520 kHz	#VBW		1000 GHz 200 kHz	start 1.75 Res BW
Auto Ma	FUNCTORINAULE	FUNCTION WORK	REMITTON	-27.25 dBm	LCH2	1.755 00		
Freq Offse				-27-20 305/11	/ Serie			2 3 4 5 6 7 8
								6 7 8
								9 10 11
		STATUS						100

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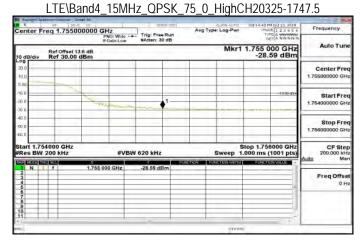
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LTE\Band4_15MHz_QPSK_75_0_LowCH20025-1717.5

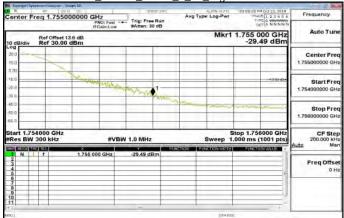
A Company Sea	attent Army/am	Singet SA		1 212	ateri	ALIGN AL	10110	04 PM (0cl 23, 2014	
Center Fi		0000000 GHz	Wide	Trig: Free R	un	Avg Type: Log-P		TYPE A WWWWW	Frequency
10 dB/div	Ref Offset	IFGa t 13.8 dB	iniLow	#Atten: 30 d	8	M	r1 1.710	0 000 GHz	Auto Tune
20.0 10.0			_						Center Fre 1.710000000 GH
-10.0				•'	_	- America	1	1500 001	Start Fre 1.709000000 GH
-40,0 -60,0 -60,0									Stop Fre 1.711000000 GH
#Res BW			#VBV	V 620 kHz	_		1.000 m	711000 GHz is (1001 pts)	CF Ste 200.000 kF Auto Ma
T N 2 3 4 5	1	1.710 000 0	GHz	-28.50 dBm		ION FUNCTION W	50 H FU	VETCH WALVE	Freq Offse 0 H
5 6 7 8 9 10									
+1				-			atus	+	



LTE\Band4 20MHz QPSK 1 0 LowCH20050-1720

A Superstand	attent dram/an	Singet SA	319.00			102 57 20 PM 0d 22, 201	
Center Fi		0000000 GHz	Trig: Free Run		Log-Pwr	THACE 1 2 3 4 5 THE A WWWW	* Frequency
10 dB/div	Ref Offset Ref 30.0	IFGsinLow	#Atten: 30 dB		Mkr1	1.710 000 GH -24.31 dBn	Auto Tun
20 0 10 0						1	Center Fre 1.71000000 GH
0.00 10.0 20.0 20.0			1 Minut	11 mary will be and	-	-1500 @	Start Fre
40.0 50.0		الالتيون من من من من	Contraction of the second				Stop Fre 1.711000000 GH
	9000 GHz 300 kHz		BW 1.0 MHz	Euronov Teur	Sweep 1	top 1.711000 GH .000 ms (1001 pts	Z CF Ste 200.000 kH Auto Ma
T N	1	1.710 000 GHz	-24,31 dBm				Freq Offs
2 3 4 5 6 7 8 9 10 11							
80					Status		-

LTE\Band4_20MHz_QPSK_1_99_HighCH20300-1745



LTE\Band4_20MHz_QPSK_100_0_LowCH20050-1720

							terrent den an Arman	progent Space	
Frequency	10259105 PM 0d 23, 2014 10405 1 2 3 4 5 5 1075 A WWWWW DET A N N N N N	Type: Log-Pwr	Ave	Trig: Free Run #Atten: 30 dB	PNO: Fast	000000 G		ter Fr	Den
Auto Tune	.710 000 GHz -28.95 dBm	Mkr1		#Atten: au ob	IFGein Low	13.8 dB	Ref Offset Ref 30.0	B/div	
Center Free 1,710000000 GH			_			-			20.0
Start Free 1.709000000 GH	1100.01	- Alexandra		•1-					
Stop Free 1.711000000 GH							-		40.0 50.0
CF Stej 200.000 kH Auto Ma	op 1.711000 GHz 00 ms (1001 pts)			1.0 MHz	#VBW		0000 GHz 300 kHz		Re
Freq Offse 0 H				-28.95 dBm	000 GHz		1	N	1
									2 3 4 5 6 7 8 9 10
		Status							*

LTE\Band4 20MHz QPSK 100 0 HighCH20300-1745

	Attractives/am								
Center F		000000 0	Hz	Trig: Free R	Ave	Type: Log-Pwr	TRACE TVPS	1 2 3 4 5 8 4 WWWWW 4 N N N N N	Frequency
			IFGain/Low	#Atten: 30 d	8	Mkrt	1.755 00	2000	Auto Tune
10 dB/div	Ref Offset Ref 30.0					WIKI	-28.4	8 dBm	
20.0	-	-	-		_	-			Center Free
10.0	_								1,755000000 GH
10.0	~			-				-1109-001	Start Free
20.0		-Torest	1	•1	-			-	1.754000000 GH
40.0			1						
50(0		-	-		_	-		-	Stop Free 1.75600000 GH
EE 0									
	54000 GHz 300 kHz		#VB	W 1.0 MHz			Stop 1.756	001 pts)	CF Ster 200.000 kH
T N		1,755 (000 GHz	-28.48 dBm		FUNCTION WORK	FUNCTOR	WALKE	Auto Mar
									Freq Offse
5			-					- i-	OH
2 3 4 5 6 7 8 9									
9			-		-	-			
11111	1 1			~	+	+		- F.	
100						CIATES	s		

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LTE\Band5_1_4MHz_QPSK_1_0_LowCH20407-824.7

0.2									1000 Ar = /200 -	-proti Span	1 Carl
Frequency	M D (1 24, 2614 D (1 2 3 4 5 8 P (1 0 N N N N N eT A N N N N N	TRAC	Log-Pwr	Avg Typ	Run	Trig: Free R	PNO: Wide	00000 MH		er Fr	
Auto Tuni	000 MHz 45 dBm	1 824.0	Mk		18	#Atten: 30 d	FGainLow	13.6 dB	Ref Offset Ref 30.0	Vdiv	10 dE
Center Fre 824.000000 MH				-	T.						20.0
Start Fre 823.000000 MH	1100 001		~	1	1						100 -100 -200 -200
Stop Fre 825.000000 MH	-	san a						-	~	~	40.0 50.0
CF Ste 200.000 kl Auto Ma	.000 MHz (1001 pts)	Stop 825 .800 ms (Sweep 2			91 kHz	#VB	-	00 MHz 0 kHz	823.0 BW 3	
Elens ine	EW WALDE	FUNCTI	ETEN WEITH	TI04 FL		-38,45 dBn	00 MHz	824.0	1	N 1	1
Freq Offse 0 H	-									-	2345
											5 6 7 8 9 10
	+	-		-	-	~	-				11
		5	States								(ORN

LTE\Band5_1_4MHz_QPSK_1_5_HighCH20643-848.3

Kayingtitt Spectrourn Analyzin - Souget 54	and the second second		the Court I have be a feature of the	
Center Freq 849,000000 MHz	Trig: Free Run	Avg Type: Log-Pwr	102-50-42 PM Oct 24, 2014 1RADE 1, 2,3 4 5 5 TIPE A WWWWW DET A N.N.N.N.N.	Frequency
IFGainLow Ref Offset 13.6 dB 10 dB/div Ref 30.00 dBm	#Atten: 30 dB	Mkr	1 849.000 MHz -36.39 dBm	Auto Tune
				Center Free 849.000000 MH
	X		-1109 421	Start Free 848.000000 MH
	-	~~~~		Stop Fre 850.000000 MH
Start 848.000 MHz #Res BW 30 kHz #VBV	V 91 kHz		Stop 850.000 MHz 800 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
T N 1 T 849.000 MHz 2 3 3 4 5	-36.39 dBm			Freq Offse 0 H
6 7 8 9 10 11				
1		TATUS	+	

LTE\Band5 1 4MHz QPSK 6 0 LowCH20407-824.7

								Henry and S		
Frequency	1925 PH 0d 24, 2014 TRADE 1 2 3 4 5 8 TVPE A WWWWW DET A NIN NIN N	Type: Log-Pwr	Av	Free Run		NO: Witter	0000 MH	824.00		nter
Auto Tune	24.000 MHz -38.01 dBm	Mkr		12 30 00		GeinLow	3.6 dB	f Offset 1 of 30.00		dB/di
Center Free 824,000000 MH									_	
Start Free 823.000000 MH	1100.001		4			-				10 0
Stop Fre 825.000000 MH	_		-	•/					~	0.0
CF Ste 200.000 kF Auto Ma	p 825.000 MHz 1 ms (1001 pts)	Sweep 2.		z	W 91 ki	#VB	-		N 30	art 83 es B
Freq Offse	FUTRICITIANUE *	FUNCTION WORK	PUNCTION	dBm	-38.0	DO MHZ	824.0			N
	+	Status								

LTE\Band5 1 4MHz QPSK 6 0 HighCH20643-848.3

Frequency	RACE 1 2 3 4 5 5 TVPE 4 WWWWW DET A NN NN N		NION AUTO	Ave	rig: Free Run Atten: 30 dB		NHz PNO: Wilde IFGain/Low		849,00	1	2	D F
		Ref Offset 13.6 dB Mkr1 849.000 MHz 10 dB/div Ref 30.00 dBm -42.15 dBm										
Center Fr 849.000000 N												20.0 10.0
Start Fr 848.000000 M	-1709 424	+		_	K.		-	-	_			10.00
Stop Fr 850.000000 N	-	-		~~~~	(1)					_		30 0 40 0 60 0
z CF St 200.000 H	50.000 MHz s (1001 pts)	2.800			kHz	BW	#VI			W 30	rt 84 es Bi	sta /Re
FreqOff	-	171	MALAWA	HONOTION	(2.15 dBm		9.000 MHz	849			N	2345
												6 7 8 9 10
	÷.	nus.	TAD		~					• •		* []

LTE\Band5_3MHz_QPSK_1_0_LowCH20415-825.5

								- 10 m		segnt 5	. A
Frequency	TRACE 1 2 3 4 5 5 TYPE A WWWWW	r 10	Avg Type: Log-Pwr	in	Trig: Free R	NO: Wide	0000 MH	24,000	Freq 8	nter F	Sen
Auto Tun	4.000 MHz 22.86 dBm	kr1 824.	Mk	9	#Atten: 30 c	GeinLow	6 dB	Offset 13 30.00 d		B/div	10 d
Center Fre 824.000000 MH			~	1	_					-	20.0
Start Fre 823.000000 MH	-1509 421		X	1	•				-	-	
Stop Fre 825.000000 MH					~				-	-	40,0 50,0
CF Ste 200.000 kH Auto Ma	825.000 MHz ns (1001 pts)	1.667 ms			120 kHz	#VBW			3.000 M / 39 kH	s BW	Re
Freq Offse 0 H					-22.86 dBn	IO MHZ	824.00			N	12345
											6 7 8 9 10
-	+	pus	=reits		-					-	*

LTE\Band5_3MHz_QPSK_1_14_HighCH20635-847.5

Frequency	1840E 1 2 3 4 5 5	pe: Log-Pwr		363.1	1	DE:	D 981		R
	TIPE A WWWWW	be: rog-ww		ig: Free Run	Wide	PN0:1	849,000	er Freg	en
Auto Tun			_	tten: 30 dB	Low	IFGain	_	_	-
Auto (un	849.000 MHz -25.40 dBm	Mkr					f Offset 13.0		0 di
Center Fre		1	_	-	-			-	20.0
849.000000 MH					-				
1 12.540	-1102 001	1 1 1	- 1 -	X.		1	1		0.0
Start Fre 848.000000 MH		-		1		1		-	0.0
			SIL			-	and		0.0
Stop Fre 850.000000 MH		the second second	-		-			/	0.0
850.00000 MH				-	-		-		6.0
CF Ste 200.000 kH	top 850.000 MHz 67 ms (1001 pts)			0 kHz	#VBW			848.00 BW 39	
Auto Ma	ELVER WWWW	UNCIEN WORK	RONOTION	5.40 dBm		849.000 M			
Freq Offse				5.40 dBm	HZ	849.000 M	-	N	
0 H	()m				-				4
					-				67
					-		-		234567890
	~				_		1		10
		STATUS		-					0

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LTE\Band5_3MHz_QPSK_15_0_LowCH20415-825.5

Frequency		194	pe: Log-Pwr	Ave	Run	1.0.0.2	e Witter	0000 MH	24,000	req 8	ter F	en
Auto Tur			-	_		#Atten: 3	Sein/Low	16				_
Auto Tu	000 MHz .10 dBm	r1 824. -31	Mk						Offset 13 30.00		B/div	
Center Fre	-	-		_	-				_	-		20.0
824.000000 MH										-		10.0
Start Fre	-1109-001											10.0
823.000000 Mi					1-	- 1			_		-	20.0 30.0
01 E-			-			1		-		_		40,E
Stop Fre 825.000000 Mi			1	-						-		50(D 60 0
CF Ste	5.000 MHz	Ston 82	1						447	.000 P	1 923	
200.000 ki	(1001 pts)	.667 ms	Sweep 1			120 kHz	#VB			39 kł		
20020 100	NEW WALKE	FU%L1	UNCTEN WORK	FUNCTION:	Bm	-31.10 d	0 MHz	824.00	-		N	
Freq Offs											-	2345
					-		-					56789
							-				-	10
	-				-		-				-	11

Vide Trig: Free Run	Avg Type: Log-Pwr	2:40:11 PM 0cf 24, 2019 TRACE 1 2 3 4 5 6 TVRE A WWWWW DET A N N N N N	Frequency
Low Privati av up	Mkr1	849.000 MHz -31.06 dBm	Auto Tune
			Center Free 849.000000 MH
2.		-1100 40.1	Start Free 848.000000 MH
			Stop Fre 850.000000 MH
#VBW 120 kHz	Sweep 1,66	7 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
Hz -31,06 dBm		FUTCTIVAULE	Freq Offse 0 H
	Trig Free Run Exten: 30 db	Trig: Free Run Low RAten: 30 dD Mkr1 1 #VBW 120 kHz Sweep 1.65 Sweep 1.65 Sweep 1.65 Sweep 1.65	Trig: Free Run Low Avg Type: Log-Pwr Trict [1,2,3 & 3 th Trict [2,3 & 3 th Trict

LTE\Band5 5MHz QPSK 1 0 LowCH20425-826.5

. Coperati Spatterer den yzer - Soupe		and the second second			
Center Freq 824,0000	00 MHz PNO: Wide -+ IFGainLow	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	102-20131 PM 0d 24, 2019 1R408 1 2 3 4 5 5 TVRLA WWWW DET A NINNIN	Frequency
Ref Offset 13.6 10 dB/div Ref 30.00 dB	dB	ANGUNE OF UD	Mkr	1 824.000 MHz -27.22 dBm	Auto Tune
20.0	-				Center Freq 824.000000 MHz
105 -00 -300		•		-1703 401	Start Freq 823.000000 MHz
-40.0 -50.0 -60.0	-	2		1	Stop Freq 825.000000 MHz
Start 823.000 MHz #Res BW 51 kHz	#VBW	150 kHz	Sweep 1	Stop 825.000 MHz .000 ms (1001 pts)	CF Step 200.000 kHz Auto Man
N f 3 4 5 6 7 8 9 10 11 11	824.000 MHz	-27.22 dBm			Freq Offset 0 Hz
7 8 9 10 11					
CON			=1+ fri		

enter Freq 849,000000 MHz Avg Type: Log-Pw Frequ Trig: Free Run Watten: 30 dB Auto Tu Mkr1 849.000 MHz -29.14 dBm Ref Offset 13.6 dB Ref 30.00 dBm Center Fn 49.000000 M Start Fre 000000 Stop Fre CF Step Stop 850.000 1.000 ms (1001 51 kH #VRW 150 kH reep Freq Offse

LTE\Band5_5MHz_QPSK_1_24_HighCH20625-846.5

LTE\Band5_5MHz_QPSK_25_0_LowCH20425-826.5

20 A B	102-27(39 PM Oct 24, 2019	NUON HUTO		3193 1			1-11-12		A Report
Frequency		Type: Log-Pwr	AV	Trig: Free Run	NO: Wide	0000 MH		r Fred	ente
Auto Tun	1 824.000 MHz -34.23 dBm	Mkr	-	#Atten: 30 dB	GainiLow	3.6 dB	ef Offset 1 ef 30.00		10 dB/d
Center Fre 824.000000 MH			-						20.0 10.0
Start Fre 823.000000 MH	-1100 424		1	1					1 00 10 0 20 0 20 0
Stop Fre 825.000000 MH				1				-	40.0 60.0
CF Ste 200.000 kH Auto Ma	Stop 825.000 MHz .000 ms (1001 pts)			150 kHz	#VBW			3W 51	Start 8
Freq Offse 0 F			PONENCIA	-34.23 dBm	IO MHZ	824.00	1		2 3 4 5
									6 7 8 9 10
	1	I I		-					+ [
		=i=ters							ec.

LTE\Band5_5MHz_QPSK_25_0_HighCH20625-846.5

An Annual Sector	although the party law			-					
Center F		000000 MHz): Wide -+	Trig: Free R	Ave	Type: Log-Pwr	102-29:14 PM Dd : TRACE 1 2 TVPE 4 Y	13456	Frequency
		IFG	SiniLow	#Atten: 30 di	8		C2 1	1000	Auto Tune
0 dB/div	Ref Offset Ref 30.0					Mk	1 849.000 -35.60	dBm	Plate Faik
20.0	_	-	_						Center Free
10.0	-								849.000000 MH
0.0	-		-					100 001	1 121-540
20.0		-		-					Start Free 848.000000 MH
30.0		-	-	-		-		- 1	
40,0									Stop Free
60,0									850.000000 MH
Start 848 Res BW	.000 MHz 51 kHz		#VBW	150 kHz		Sweep 1	Stop 850.000 .000 ms (100	1 pts)	CF Ster 200.000 kH Auto Ma
N N		849.000	MHz	-35.60 dBm	BUNCTION	FUNCTION WORK	FUNCTION VA	0.5	Auto Ma
23456789									Freq Offse
6 7 8			-					=	
9 10 11			-		_				
11 1				~	+			+	
801						CIATES	5		

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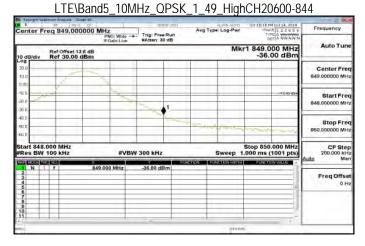
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LTE\Band5_10MHz_QPSK_1_0_LowCH20450-829

Frequency	M D d 24, 2014		ALIGN AUTO	-	a ::::::	1 91	- T-	DE		101		N R
Frequency		THE	Log-Pwr	Avg Typ		Trig: Free	NO: Wille -	000 MH.	824,000	Freq	ter	ter
Auto Tun	00 MHz	1 824.0	Mkr		dB	#Atten: 30	GeiniLow	6 dB	Offset 13		Bidiv	10.4
Center Fre 824.000000 MH		~	~						00.00			20.0 10.0
Start Fre 823.000000 MH	Lanani			mark	1.10					_		1000 1000 -1000 -2000 -3000
Stop Fre 825.000000 MH						- mail	- ni-m	-	m		1	40,0 60,0 60,0
CF Ste 200.000 kl Auto Ma	.000 MHz 1001 pts)	.000 ms (Sweep 1			300 kHz	#VB		kHz	3.000 V 100	s BV	#Re
Elsens mile	IN WALKE	FUNCTO	CTERVIETH	104 140		-36.05 dE	0 MHz	824.00		T T	N	are e
Freq Offse											-	2345
												5 6 7 8 9 10
	- F*				-	~	-				-	11
		s	STATES									100



LTE\Band5 10MHz QPSK 50 0 LowCH20450-829

									ert Anny Ann - S	ant Spectro	
Frequency	HOU 24, 2014 HOE 1 2 3 4 5 5 (PE A WWWWW SET A NIN NIN N	TRA	Log-Pwr			Trig: Fre	NO: Wide -	0000 MH	q 824.00	r Fre	ente
Auto Tune	000 MHz .80 dBm	1 824.0	Mkr		0 08	#Atten: 3	Gain/Low	3.6 dB	Ref Offset 1 Ref 30.00		0 dB/
Center Free 824.000000 MH								_			.og 20.0 - 10.0 -
Start Free 823.000000 MH	-1109-001		E				-				0.00 10.0 20.0
Stop Free 825.000000 MH				1 miles		~				~	30 0. 40,0 50,0
CF Ster 200.000 kH Auto Ma	5.000 MHz (1001 pts)	.000 ms (Sweep 1		_	V 300 kHz	#VBI		00 MHz 00 kHz		start Res
Freq Offse 0 H						-38.80 d	0 MHz	824.00	1		1 1
											2 3 4 5 6 7 8 9 10
	+	s	STATUS			-					50) 50)

R	ar eq 849.00		de	Avg Type: Log-Pwr	102-20:46 PM 0-3 24, 2019 TRACE 1 2 3 4 5 6 TIPE 6 WWWN N N	Frequency							
a Biden	Ref Offset 13.6 dB Mkr1 849.000 MH; dB/div Ref 30.00 dBm -36.89 dBm												
20.0 10.0	Ref 30.00	dem				Center Fre 849.000000 MH							
0.00		1			1109-021	Start Fre 848.000000 MH							
0,0 0,0 0,0						Stop Fre 850.000000 Mi							
Res BW		#	VBW 300 kHz		Stop 850.000 MHz .000 ms (1001 pts)	CF Ste 200.000 kH Auto Ma							
N 2 3 4 5 6 7 8 9	1	849.000 MH	z36.89 dBm			Freq Offse 0 H							
10			-	CTATIO									

LTE\Band5 10MHz QPSK 50 0 HighCH20600-844

LTE\Band12_1_4MHz_QPSK_1_0_LowCH23017-699.7

	109:58:42 AM Oct 25, 2019	ALTON AUTO		est swi				1 Anim/200 - 5		9-211	- 0
Frequency	THACE 1 2 3 4 5 5 TIPE A WWWW DET A NIN NIN N	Log-Pwr	Avg Ty	Run	Trig: Fre	Z NO: Wide	0000 MH			nter	ler
Auto Tun	699.000 MHz -32.47 dBm	Mkr		0 dB	#Atten: 3	GeinLow	1F 3.6 dB	of Offset 1			5
Center Fre	-32.47 dBm			-			dBm	ef 30.00	R	-	20.0
699.000000 MH	-1709 401		3					-	_	-	10.0
Start Fre 698.000000 MH		he		1					_	-	20.0
Stop Fre 700.000000 MH	- long		-			in the second	~			-	40,0
CF Ste 200.000 kH	top 700.000 MHz 00 ms (1001 pts)			-	91 kHz	#VBV	-	MHz kHz	8.000 N 30	rt 69	ta
Auto Ma	FUNCTORWALDE	NORTH OF			-32.47 d	0 MHz	× 699.00		ACC NO.	N	
Freq Offse											2345
										-	6789
		-	-	1	~			1			10
		=tates									80

LTE\Band12_1_4MHz_QPSK_1_5_HighCH23173-715.3

A Superstate	attenent Annu yan - So									
Center Fi	req 716.00	0000 MHz	Wide	Trig: Free I		Avg Type	Log-Pwr	TRACI	0 (J 25, 2014 1 2 3 4 5 5 4 WWWWW T A N N N N N N	Frequency
	Ref Offset 1	IFGal 3.6 dB	niLow	#Atten: 30			Mkr	1 716.0	00 MHz	Auto Tune
0 dB/div	Ref 30.00	dBm	-		_			-33.8	37 dBm	
20.0	-		-	1	_					Center Free 716.000000 MH
0.00		2		A.	_				-1102 40-1	Start Free 715.000000 MH
30.0. 40.0	N			1	1					
50/0	1.5-						-		-	Stop Free 717.000000 MH
tart 715. Res BW	000 MHz 30 kHz		#VBW	91 kHz				Stop 717. 800 ms (1	(001 pts)	CF Step 200.000 kH
N N		716.000 N	/Hz	-33.87 dBr		10075	NO WORK	607010	N WALKE	Auto Mar
										Freq Offse
2 3 4 5 6 7 8 9			-				_			
	11		-	~	1	1			- + *	

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LTE\Band12_1_4MHz_QPSK_6_0_LowCH23017-699.7

Conter Freq 699,000000 MHz Provide 123 de 3 Trig: Free Run Provide 123 de 3 Prequency Prequency Prequency Ref Offset 13 de 3 Mkr1 699,000 MHz -40,86 dBm Mkr1 699,000 MHz -40,86 dBm Auto Tur Seg 0000 MHz -40,86 dBm Auto Tur Seg 0000 MHz -40,86 dBm Center Fre Seg 0000 MHz Start 698,000 MHz -40,86 dBm Center Fre Seg 0000 MHz -40,86 dBm Center Fre Seg 0000 MHz -40,86 dBm Center Fre Seg 0000 MHz -40,86 dBm Start Fre Seg 0000 MHz -200,000 MHz -200,000 MHz -200,000 MHz Start Fre Seg 0000 MHz -200,000 MHz -2	Report Spin	Although Group Ann	Search Se	3199 411	1104 4070	10:00:17 AM Gd 25, 2014	C 2 2 2
Ref Offset 13.6 dB Mkr1 699.000 MHz Auto Tur 0.0 GB/uity Ref 30.00 dBm -40.86 dBm Center Fr 0.0 GB/uity Ref 30.00 dBm -40.86 dBm Center Fr 0.0 GB/uity Ref 30.00 dBm -1199 cc Start Fr 0.0 GB/uity Ref 30.00 dBm -40.86 dBm Center Fr 0.0 GB/uity Ref 30.000 MHz 1199 cc Start Fr 0.0 GB/uity Ref 99.000 MHz TVBW 91 kHz Stop 700.000 MHz Stop 700.000 MHz 0.0 GB/uity TVBW 91 kHz Sweep 2.800 ms (1001 pt) Auto Muto 0.0 GB/uity TVBW 91 kHz Sweep 2.800 ms (1001 pt) Auto Muto 0.1 GB/Uity TVBW 91 kHz Sweep 2.800 ms (1001 pt) Auto Muto 0.1 GB/Uity TVBW 91 kHz Sweep 2.800 ms (1001 pt) Auto Muto 0.1 GB/Uity TVBW 91 kHz Sweep 2.800 ms (1001 pt) Auto Muto	Center F		00000 MHz PNO: Wide	Trig: Free Run		TNACE 1 2 3 4 5 4	Frequency
300 100 <th>10 dB/div</th> <th></th> <th>13.6 dB</th> <th>#Atten: 30 dB</th> <th>м</th> <th>kr1 699.000 MHz</th> <th>Auto Tuni</th>	10 dB/div		13.6 dB	#Atten: 30 dB	м	kr1 699.000 MHz	Auto Tuni
Start Fri Transmit 30 // 3	20.0						Center Fre 699.000000 MH
40.0 40.0 40.0 50.0 50.0 50.0 50.0 50.0 50.0 700.0000 MHz 700.0000 MHz 700.0000 MHz 700.0000 MHz 200.000 MHz	10.0 -20.0	-		1		-1500 451	Start Fre 696.000000 MH
RRes BW 30 kHz #VBW 91 kHz Sweep 2.800 ms (1001 pts) 200,000 km 100 ft00 ft12 b3 1 699,000 MHz 40,86 dBm 40,86 dBm 40,86 dBm 40,86 dBm 40,86 dBm 40,86 dBm 60,800 MHz 7 60,900 MHz 7 7 1 60,900 MHz 60,900 MHz 60,900 MHz 7 7 1 60,900 MHz 10,900 MHz<	40,0	~~~~		- Al			Stop Fre 700.000000 MH
N I G99.000 MHz 40.86 dBm EVENION COLD EVENION C	Start 698 #Res BW	30 kHz	#VE			2.800 ms (1001 pts)	CF Ste 200.000 kF
	T N		699.000 MHz		EUROTION REDWICTION WOR	e FUNCTION WALLE -	19802
	4						Freq Offse
	6 7 8 9						
	11	1 1	1	-	1		

LTE\Band12_1_4MHz_QPSK_6_0_HighCH23173-715.3 Frequ nter Freq 716.000000 MHz Trig: Free Run #Atten: 30 dB Mkr1 716.000 MHz -41.11 dBm Ref Offset 13.6 dB Ref 30.00 dBm Center Fre Start Free 715.000000 N Stop Fre 717.000000 MH 715.000 M BW 30 kH Stop 717.000 MH 2.800 ms (1001 pt CF Ste #VBW 91 kH; Sweep Freq Offse

LTE\Band12 3MHz OPSK 1 0 LowCH23025-700.5

A	g: Free Ru		Witter	000 MHz			r Fre	nter
Mkr1 699.000 MHz -17.61 dBm								B/di
1000					30.00 0	Kei .	av.	
1		-				-		
		~	~	~			-	1
) kHz	BW 1:	#VI					
EURITION	61 dBm	-	0 MHz	599.00/	_			N
			-			##		_
		Trip Free Run Asser: 30 dB	Trig: Free Run Adden: 30 dB	THE Free Run PARTER 30 db	BOD MHZ DECEMBENT OF DECEMBENTO OF DECEMBENT OF DECEMBENTO OF DECEMBENTO OF DECEMBENTO OF DECEMBENTO OF DECEMBENTO OF DECE	HEZ Z #VBW 120 kHz	rg 699,000000 MHz PRO Wile Healthow Healthow Trig Fras Run Mitter 30 dB Ref 30.00 dBm 0 MHz 9 KHz #VBW 120 KHz ESI	Prog 699,0000000 MHz Prog 699,000000 MHz Prog 699,000000 MHz Prog 699,000000 MHz Ref 0ffset 136 dB Ref 0ffset 136 dB 100 mm 100

LTE\Band12_3MHz_QPSK_1_14_HighCH23165-714.5

Center	10		000 MH	Z NO: Wide -	1		Avg Typ	+: Log-Pwr	TRAC	H D d 25, 2014 26 1 2 3 4 5 6 4 WWWWW T A N N N N N	Frequency
10 dB/div		Offset 13.6 30.00 dl	5 dB	-taten/Low	anyment. o	V UD		Mk	1 716.0	00 MHz 71 dBm	Auto Tun
20.0 10.0				F	~						Center Fre 716.000000 MH
0.00 -10.0 -20.0	-		7	-	1	1				-1709 621	Start Fre 715.000000 MH
30 0. 40 0											Stop Fre 717.000000 MH
Start 71 #Res BV				#VB	W 120 kHz			Sweep 1	Stop 717 .667 ms (.000 MHz 1001 pts)	CF Ste 200.000 ki Auto Ma
2 2 3 4	1 1		716.00	DO MHZ	-17.71 di	3m	MCTION E	NC CON WERH	ELWEN	74 VALUE	Freq Offs
5 6 7 8 9											
10				-	~	1	-			+*	

LTE\Band12_3MHz_QPSK_15_0_LowCH23025-700.5

Concerning a	Although Group Ann	- Strapt M	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		ALION ALITO	109-47(27 AM Gd 25, 2014	0.00
		000000 MHz	Ride Trig: Free R	Avg	Type: Log-Pwr	THACE 1 2 3 4 5 4 THRE A WWWWW	Frequency
0 dB/div	Ref Offse Ref 30.	t 13.6 dB	Low #Atten: av o	0	Mkr	1 699.000 MHz -26.91 dBm	Auto Tune
0.0							Center Fre 699.000000 MH
0.0	-		•	1		-1100 401	Start Fre 696.000000 MH
0,0							Stop Fre 700.000000 MH
tart 698 Res BW			#VBW 120 kHz			top 700.000 MHz 567 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
N 234	1	699.000 MH	iz -26.91 dBm				Freq Offse 0 H
5 6 7 8 9 10							1
+ []			-		STATUS	+	L

LTE\Band12_3MHz_QPSK_15_0_HighCH23165-714.5

Consegnt Spectreer Science - Scient 54				
enter Freq 716.000000 MH	Z NO: Wilde Trig: Free Run	Avg Type: Log-Pwr	199-4017 AM Oct 25, 2019 1NACE 1, 2, 3 4 5 6 TUPE A WWWWW DET A N N N N N	Frequency
Ref Offset 13.6 dB	GaliniLow #Atten: 30 dB	Mk	1 716.000 MHz	Auto Tun
0 dB/div Ref 30.00 dBm			-25.86 dBm	
20.0				Center Fre
0.0				716.000000 Mi-
100	1			
0.0	1		-1202 001	Start Fre 715.000000 MH
30.0.		_	1	715.00000 MP
40,0)				Stop Fre
50(D)				717.000000 MH
60 D				
tart 715.000 MHz Res BW 39 kHz	#VBW 120 kHz		Stop 717.000 MHz .667 ms (1001 pts)	CF Ste 200.000 kH
T N I T 716.00		FUNCTION FUNCTION	ELVICTON WALKE	Auto Ma
	0 MHZ -25.86 dBM			Freq Offs
4				OF
6				
9				
2 3 4 5 5 6 6 7 7 8 9 9 9 00				
6 · · · ·	-	Tabl	- F	

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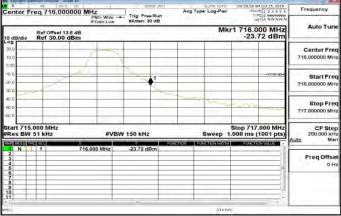


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LTE\Band12_5MHz_QPSK_1_0_LowCH23035-701.5

Association and the second	Alter and a second s		1 212 1		ALIO4 4010	109-19:15 MM Oct 2		
Center F	req 699.00		Trig: Free Ru	Avg Ty	pe: Log-Pwr	THACE 1 2 TYPE A Y	3254	Frequency
10 dB/div	Ref Offset 1 Ref 30.00	IFGeiniLo 3.6 dB	w #Atten: 30 dB		Mk	1 699.000 -24.14	MHz	Auto Tun
20.0 10.0	Ref 30.00	asm		1		-24.14		Center Fre 699.00000 MH
10.0 20.0 30.0				-		1	100 000	Start Fre 696.000000 MH
40,0 60,0 60,0	~	North Contraction						Stop Fre 700.000000 MH
Start 698 Res BW		#1	/BW 150 kHz	RUNCTION IN	Sweep 1	Stop 700.000 .000 ms (100	1 pts)	CF Ste 200.000 ki
1 N 2 3 4 5 6 7 8		699.000 MHz	-24.14 dBm					Freq Offse 0 F
8 9 10 11			~		STATU			

LTE\Band12_5MHz_QPSK_1_24_HighCH23155-713.5



LTE\Band12_5MHz_QPSK_25_0_LowCH23035-701.5

An Annual System - South S			
Center Freq 699,00000		Aug Type: Log-Pwr NVG Type: Log-Pwr TVPC 4 WWWW Data A NG NA	* Frequency
Ref Offset 13.6 c 10 dB/div Ref 30.00 dB	Auto Tune		
20.0			Center Fred 699.000000 MH;
100 -v00 -200	1	1100	Start Free 698.000000 MHz
40.0 50.0			Stop Free 700.000000 MHs
Start 698.000 MHz #Res BW 51 kHz	#VBW 150 kHz	Stop 700.000 MH: Sweep 1.000 ms (1001 pts	
1 N 1 f	699.000 MHz -32.02 dBm		Freq Offse
4 5 6 7 8 9 9 10 11			
(cen		STATUS	-

LTE\Band12_5MHz_QPSK_25_0_HighCH23155-713.5

enter Freq 716.000000 MHz	23454 Frequency	19941(20 AM Oct 25, 2014 TRACE 1 2 3 4 5 TVPC A WWWW DET A NIN NIN								
Ref Orset 13.6 dB Mkr1 716.000 MHz 0 deldiv Ref 30.00 dBm - 27.40 dBm										
20.0	Center Fri 716.000000 M									
0.00 0.00 0.00	Start Fre 715.000000 Mi	-1709 404								
40.0	Stop Fr 717.000000 M									
Start 715.000 MHz Res BW 51 kHz	00 MHz CF Ste 200.000 ki Auto M	Stop 717.000 MHz .000 ms (1001 pts)								
2 716.000 Million		FUNCTION VALUE								
3 4 5 6	Freq Offs									
7 8 9										
	THE L	F.								

LTE\Band12_10MHz_QPSK_1_0_LowCH23060-704

Report Spattourriensym				102-20:40 PM Oct 24, 2014	
Center Freq 699.0	000000 MHz PNO: Wide	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 8 TVPE A WWWWW DET A N N N N N	Frequency
Ref Offset	Auto Tune				
20.0 10.0				~	Center Free 699.000000 MH
-10.0			and the second	1100.00	Start Free 596.000000 MH
40.0 50.0 60.0					Stop Free 700.000000 MH
Start 698.000 MHz #Res BW 100 kHz	#VBW	300 kHz	Sweep 1.0	top 700.000 MHz 000 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
1 N 1 T 2 3 4	× 699.000 MHz	-47.25 dBm	EUZATEZ A	FUNCTION VALUE	Freq Offse
5 6 7 8 9 9					
+ [] + []		-	STATUS	- F ~	

LTE\Band12_10MHz_QPSK_1_49_HighCH23130-711

0.28		-	-		-	APR 54	14/10/201 - So	Second Sec.					
Frequency	102:31:20 PM 0:0:24, 2019 TRADE 1:23458 TIPE 6 WWWWW DET 6 NNNNN	Type: Log-Pwr	A	Trig: Free Ru	enter Freq 715,000000 MHz								
Auto Tun	1 716.000 MHz	Ref Offset 13.6 dB Mkr1 716.000 MHz 10 dB/div 847.000 MHz											
Center Fre	-47.22 GBM			-		18m	Ref 30.00						
Start Fre	-1100 001						1						
Stop Fre				-									
CF Ste 200.000 kH Auto Ma	Stop 717.000 MHz 000 ms (1001 pts)	Sweep 1.		300 kHz	#VBW			tart 715. Res BW					
Freq Offse	FUNCTONVALUE	FUZE (EXWEIGH	BUNCTION	-47.22 dBm	0 MHz	716.00	1	26 12000 MB 1 N 1 2 3 4 5					
								2 3 4 5 6 6 7 8 9 0					
	- F	Table		~	-		- 1						

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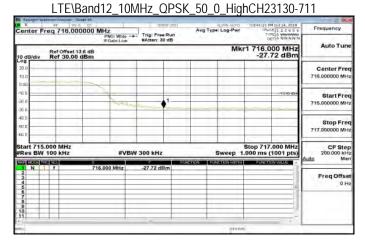
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LTE\Band12_10MHz_QPSK_50_0_LowCH23060-704

Center F	reg 699,00			Avg Ty	pe: Log-Pwr	THACE 1 2 3 4 5 THACE 1 2 3 4 5 THE A WWWW	* Frequency
10 dB/div	Auto Tune						
20.0							Center Free 699.000000 MH
-10.0					1		Start Free 698.000000 MH
40 0 50 0			•		1		Stop Fre 700.000000 MH
#Res BW		#	VBW 300 kHz	EUNCTION F	Sweep 1	Stop 700.000 MH; .000 ms (1001 pts	CF Ste 200.000 kH Auto Ma
1 N 2 3 4 5 6 7 8	1	599.000 MHz	-42.22 dBm			FUNCTION VALUE	Freq Offse 0 H
8 9 10 11							



LTE\Band13 5MHz QPSK 1 0 LowCH23205-779.5

Kayagert Spantourt Analyzer - So					
Center Freq 777.000		Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	100 28,50 AM Gd 25, 2014 TRACE 1, 2,3 4 5 5 TVPC 6 WWWWW OFT A NINININ	Frequency
Ref Offset 13 10 dB/div Ref 30.00	1 777.000 MHz -28.67 dBm	Auto Tune			
20.0					Center Fred 777 000000 MHz
100 .100 .200		1	-	-1700 404	Start Free 776.000000 MHz
-40.0 -50(0		~		1	Stop Freq 778.000000 MHz
Start 776.000 MHz #Res BW 51 kHz	#VBW	150 kHz		Stop 778.000 MHz 000 ms (1001 pts)	CF Step 200.000 kH Auto Mar
IN IT	777.000 MHz	-28.67 dBm			Freq Offse 0 H
2 3 4 5 6 6 7 7 8 9 9 9 10 11					
* j			Status	÷ .	-

LTE\Band13 5MHz QPSK 1 24 HighCH23255-784.5

Frequency	1 2 3 4 5 6 1 2 3 4 5 6 1 0 N N N N	TRAC	Log-Pwr	Ave Typ			VO: Wide	000 MH.		Freq	enter
Auto Tur		Ref Offset 13.6 dB Mkr1 787.000 MHz 0 delativ Ref 30.00 dBm -27.97 dBm									
Center Fre 787.000000 Mi		-	-				~	-			10
Start Fre 786.000000 Mi	-1709 401		-		•1	5		d.	2	_	
Stop Fre 788.000000 Mi		~	~	~	~				-		0
CF Ste 200.000 ki	.000 MHz 1001 pts)	000 ms (weep 1.			150 kHz	#VBW		KHZ	86.000 W 51	les E
Freq Offs		EUNCIO	0.774607			-27.97 d	0 MHz	787.00			
											3
	+		STATUS		1	-	-		1	1	ıl

LTE\Band13_5MHz_QPSK_25_0_LowCH23205-779.5

TER-19-45 AM (1/1 75, 2018)	AL LENG AL LEVEL	ri -				at the last		P			
1R406 1 2 3 4 5 4		A	Trig: Free Ru	Wide	DOO MHz			enter			
1 777.000 MHz	Ref Offset 13.6 dB Mkr1 777.000 MHz										
-34.98 dBm	and and a				Bm	Ref 30.00 d	v R	dB/di			
			-	-	-		_	- 0.0			
								1.0			
-1203 401		-		_				10			
	-	7	1				_	0			
			-				_	(B)			
	-	-	-					0			
				_		1					
			50 kHz	#VBW	1						
FUNCTION WALLE	FUNCTION WORK	RUNCTION	.34 98 dBm	Hz	777.000 MI			N			
								2			
								7			
				-							
	-			-		-					
122 N. 2	1 777.000 MHz -34.98 dBm -11996 Stop 778.000 MHz 000 ms (1001 pts	Mkr1 777.000 MH 	Avg Type: Log-Pwr Mkr1 777:000 MH- -34.98 dBr -159.60 Stop 778.000 MH- Sweep 1.000 ms (1001 pts	Trig: Free Run PAttern: 30 dB Avg Type: Log-Per Type: Log 2 = 5 Mkr1 777.000 Trig: Log 2 = 5 Type: Lo	Arg Type Log-Per Theol [] 2 as Theol [] 2 as <thteol 2="" []="" as<="" th=""> Theol [</thteol>	0000 MHz Production Trig: Free Run #Atten: 30 dB Avg Type: Log:Per Trig: Free Run Atten: 30 dB Trig: Free Run Trig: Free Run Atten: 30 dB Mkr1 777.000 MHz Bm Mkr1 777.000 MHz -34.98 dBr #VBW 150 kHz Stop 778.000 MHz Stop 778.000 MHz	777.000000 MHz PKG Wide Common extension Trig: Free Run extension of Office 130.00 GBm Avg Type: Log-Per Trig: Free Run extension of Office 130.00 GBm Trig: Free Run extension of Office 130.00 GBm of Office 130.00 GBm Mkr1 777.000 MHz -34.98 GBm of Office 130.00 GBm 100 GBm of Office 130.00 GBm 100 GBm of Office 130.00 GBm 100 GBm office 140.00 GBm 100 GBm office 140.00 GBm 100 GBm office 140.00 GBm 100 GBm office 140.00 GBm Stop 778.000 MHz Stop 778.000 MHz	Freg 777.000000 MHz Promit Committee Trig: Free Run Mittanii: 00 dB Ang Type: Log-Pwr Trig: Free Run Mkr1 777.000 MHz -34.98 dBr Ref Ontset 13.8 dB Mkr1 777.000 MHz -34.98 dBr Ref 30.00 dBm -34.98 dBr 1 -34.98 dBr			

LTE\Band13_5MHz_QPSK_25_0_HighCH23255-784.5

0.20		-	-	-				Anna Anna - Sa			
Frequency	110-40:33 AM 02 25, 2014 TRADE 1 2 3 4 5 5	Type: Log-Pwr	A	Free Rur	-	Iz	0000 MH		Freq		
Auto Tur	DET A N IN N IN N	-	-	en: 30 dB		PNO: Wille * FGain/Low	1		-	-	_
Auto Tu	1 787.000 MHz -31.21 dBm	Ref Offset 13.6 dB Mkr1 787.000 MHz 10 dB/div Ref 30.00 dBm -31.21 dBm									
Center Fre					-	-	-	-			20.0
787.000000 Mi									-		10.0
Start Fre	-13:03 424				X	-					0.0
786.000000 Mi		-			1		-	_			20.0 30.0
				-			_				10,0
Stop Fre 788.000000 Mi		-			-	-	-	-			50(0
											60 O
CF Ste 200.000 ki	Stop 788.000 MHz 000 ms (1001 pts)			kHz	SW 150	#VB			6.000 N 51 H		
Auto Ma	807610 7W002	EUZICIEZ WOOR	BUILTION	21 dBm	.3	00 MHz	787.0			N	26
Freq Offs											2345678901
	1							_			5
				-		-			-		8
								-	_		10
-	+	STATUS								-	* []]

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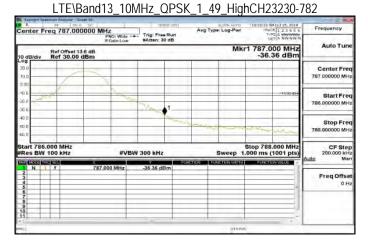
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LTE\Band13_10MHz_QPSK_1_0_LowCH23230-782

0.28									tearri Arany'an - Si		
Frequency	1 2 3 4 5 5 A WWWW	TRAD	Log-Pwr	Avg Typ	Run	Trig: Free	e VO: Wille	0000 MH	eq 777.00		
Auto Tur	Ref Offset 13.6 dB Mkr1 777.000 MHz 10 dB/div Ref 30.00 dBm -36.30 dBm										
Center Fre 777.000000 MH		1	1	-							20.0 10.0
Start Fre 776.000000 MH	- arman			- Martin	1 _						10 00 10 0 20 0 -20 0
Stop Fre 778.000000 MH						~	-				40 0 50 0 60 0
CF Ste 200.000 kF Auto Ma	1001 pts)	Stop 778. .000 ms (Sweep 1			300 kHz	#VBV		000 MHz 100 kHz	s BW	Re
Freq Offs 0 F	WVALUE A	EUVILIO	210-7143-019		n	-36.30 dB	0 MHz	777.00	1	N 1	234567
											7 8 9 10
	+	s	TATUS		-					-	*



LTE\Band13 10MHz QPSK 50 0 LowCH23230-782

Kaynepitt Spatterer Analyzer - Sough 54				
Center Freq 777.000000 1	MHz PNO: Wilde Trig: Free Run #Atten: 30 dB		THADE 1 2 3 4 5 8	Frequency
Ref Offset 13.6 dB	.000 MHz 7.56 dBm	Auto Tune		
20.0				Center Free 777.000000 MH
0.02		1 C	-1109.001	Start Free 776.000000 MH
30 0. 40 0 50 0				Stop Fre 778.000000 MH
Start 776.000 MHz #Res BW 100 kHz	#VBW 300 kHz	Sweep 1.000 m		CF Ste 200.000 kH
2 3 4	7.000 MHz	ALCTION FOREITEN WOTH FUX		Freq Offse 0 F
5 6 7 7 8 9 10 11				
* 		Status	- + L	

LTE\Band13_10MHz_QPSK_50_0_HighCH23230-782 Avg Type: Log-Pu enter Freq 787.000000 MHz Frequ Trig: Free Run WAtten: 30 dB Auto Tu Mkr1 787.000 MHz -33.59 dBm Ref Offset 13.6 dB Ref 30.00 dBm Center Fre 787.000000 Mi Start Fre 000000 Stop Fre 789 Stop 788.000 1.000 ms (1001 CF Step #VRW 300 kH: reep Freq Offset

LTE\Band25_1_4MHz_QPSK_1_0_LowCH26047-1850.7

Conception Sector	attract Analyzes									
		0000000 GH	Z O: Wide -+	Trig: Free F #Atten: 30 r	tun		Log-Pwr	TRAC	1 2 3 4 5 8 A N N N N N N	Frequency
-	00 GHz	Auto Tune								
og 20.0	Ref 30.0	00 dBm	-			-		-32.	13 dBm	
10.0	-				1					Center Free 1.850000000 GH
100	-		_		1	1	4		-1109-001	Start Free 1 849000000 GH
30.0.				-	2		~	S.		1.84900000 GH
60/0									71-0	Stop Free 1.851000000 GH
start 1.84 Res BW	19000 GH2 30 kHz	2	#VBW	/ 91 kHz	_	1	Sweep 2	top 1.85 .800 ms (1000 GHz 1001 pts)	CF Ste 200.000 kH
N N	RE BEER	1.850.000	GHz	-32.13 dBn		TION: FUN	CIC:WWORH	FUNCTO	N WALUE	Auto Ma
2 3 4 5 6 7 8									=	Freq Offse 0 H
7 8 9 10			-				_			
jī	1 1		-	~	1		_		+ *	
ce							=i=tes			

LTE\Band25_1_4MHz_QPSK_1_5_HighCH26683-1914.3

0128	102-02:20 PM Oct 25, 2014	NUM AUTO				154	art Area / 20 G	Coperate Spat
Frequency		Type: Log-Pwr		Trig: Free Run	O: Wide	ps	q 1.91500	enter Fr
Auto Tun Bm Center Fre 1.915000000 GH	1.915 000 GHz	Miked	-	#Atten: 30 dB	Selin/Low			_
	-30.73 dBm	MRT 1.5					Ref Offset 13. Ref 30.00 c	0 dB/div
Center Fre			_	_			-	20.0
1.915000000 GH					5		-	0.0
Start Fre	-1709-001			1	1			0.0
1.914000000 GH				1	-	-20	-	0.0
				1		-	120	40.0
Stop Fre			-					50,0
1.916000000 GH				-	-		-	0.0
CF Ste 200.000 kH	top 1.916000 GHz 800 ms (1001 pts)			91 kHz	#VBW			tart 1.91 Res BW
Auto Ma	FUNCTION WALKE	FUNCTION WORK	RUNCTION	-30.73 dBm	GHz	1,915 00		
Freq Offs								2 3 4 5 6 7 8 9
					_		_	6
				-	_		_	9
				-	-		_	10
		STATUS						10

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LTE\Band25_1_4MHz_QPSK_6_0_LowCH26047-1850.7

Keywant Spattours Analyze - South 54			and the second se	0.2					
enter Freg 1.85000000	DMD: Wildo - Trig: Free Ru	Avg Type: Log-Pwr	102-03107 PM 04 25, 2014 TNACE 1 2 3 4 5 5 TVPE A WWWWW DET A NR NR N	Frequency					
Ref Offset 13.8 dB 0 dB/div Ref 30.00 dBm	Ref Offset 138 dB Mkr1 1.850 000 GHz								
og 20.0 10.0				Center Fre 1.85000000 GH					
0.00 0.00 0.00		1	-1702-021	Start Fre 1.849000000 GR					
40.0 50.0				Stop Fre 1.851000000 GH					
start 1.849000 GHz Res BW 30 kHz	#VBW 91 kHz	Sweep 2	Stop 1.851000 GHz .800 ms (1001 pts)	CF Ste 200.000 ki Auto M					
	50 000 GHz -37.75 dBm	SUNCTION: REPAILING WORK	FUNCTION WALKE	Links					
2 3 4 5				Freq Offs					
5 6 7 8 9 0									
	-	STATE							

Concepti Spatterer Sempti 2			C_6_0_HighC		14.3
Center Freq 1.9150000	PNO: Wide	Trig: Free Run	Avg Type: Log-Pwr	102-04111 PM 0d 25, 2014 1RADE 1 2 3 4 5 5 TIPE A WWWWW DET A N N N N N	Frequency
Ref Offset 13.8 (#Atten: 30 dB	Mkr1 1	1.915 000 GHz -36.10 dBm	Auto Tune
20.0 10.0					Center Fre 1.915000000 GH
100 -100 -00		X.		-12:00 (Det	Start Free
-30 0. -40 0 -50 0		4	Sh		Stop Fre
60 0 Start 1.914000 GHz #Res BW 30 kHz		V 91 kHz		op 1.916000 GHz	CF Ste 200.000 kH
MRE MOLE THE SOL	#VB0		Sweep 2.8		Auto Ma
2 3 4 5	1.212 000 012	-90.10 MBIR			Freq Offse 0 H
6 7 8 9					
+		-	STATUS	+*	

LTE\Band25 3MHz QPSK 1 0 LowCH26055-1851.5

Averant Se	Althours Analyzes - 3		2 289 201	ALION ALITY		
		D00000 GHz PNO: Wille	1 and a state	Avg Type: Log-Pwr	01-40,34 PM 0d 25, 2019 TRADE 1, 2,3 4 5 6 TVPE 4 WWWWW DET 4 N N N N N	Frequency
10 dB/div	Ref Offset	13.8 dB	Within 30 0D	Mkr1	1.850 000 GHz -21.65 dBm	Auto Tune
20.0 10.0						Center Free 1.850000000 GH
20.0	-				-1200 45	Start Free 1.849000000 GH
40,0 50,0 60,0						Stop Fre 1.851000000 GH
Start 1.84 Res BW		#VBI	W 120 kHz		Stop 1.851000 GHz .667 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
T N	1	1.850 000 GHz	-21.65 dBm			Freq Offse 0 H
2 3 4 6 7 8 9 10 11						
+ [(ce)				States	s'	

LTE\Band25_3MHz_QPSK_1_14_HighCH26675-1913.5

Frequency Auto Tune	TRACE 1 2 3 4 5 5 TIPE A WWWWW DET A N N N N N	Avg Type: Log-Pwr	Free Run	: Wide -	PN	q 1.91500	er Fre	ent
	1.915 000 GHz -22.24 dBm	Mkr1		ENIT ON	8 dB	Ref Offset 13 Ref 30.00 d		0 dB
Center Fre 1.915000000 GR				5				20.0
Start Fre 1.914000000 GR	-1300 401		1	0	1			0.00 10.0 20.0 20.0
Stop Fre 1.916000000 GH	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~				~	40(0) 50(0) 60(0)
CF Ste 200.000 ki Auto Mi	top 1.916000 GHz 667 ms (1001 pts)	Sweep 1.	kHz	#VB		000 GHz kHz	1.914 BW 3	
	FUNCTIONVALUE	ME FUNCTION WORK	24 dBm	GHz	1.915 000	1		
Freq Offs 01				-			-	3 4 5 6 7
				-			-	8 9 10
		Tatus						1

LTE\Band25_3MHz_QPSK_15_0_LowCH26055-1851.5

A Symphetic Spatterer (Symp					
Center Freq 1.8	50000000 GHz PNO: Wile IFGainLow	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	1014936 PH 0d 25, 2019 TRADE 1 2 3 4 5 6 TVPE 4 WWWWW DET A NR NR N	Frequency
0 dBidiy Ref 3	fset 13.8 dB 0.00 dBm	and an and an	Mkr1	Auto Tune	
og 20.0 10.0					Center Free 1 85000000 GH
0.0				1100 001	Start Free 1.849000000 GH
		24			Stop Free 1.851000000 GH
tart 1.849000 G Res BW 39 kHz		V 120 kHz		top 1.851000 GHz 667 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
TN 1 T	1.850.000 GHz	-30.04 dBm	ACHEMINE ACALLEM MENTIN		Freq Offse 0 H
2 3 4 6 7 7 8 9 10					
		-		+	
90)			miniture.		

LTE\Band25_3MHz_QPSK_15_0_HighCH26675-1913.5

0.2.2					and here the				there i dans for	Report Spa
Frequency	CE 1 2 3 4 5 8	TRAC	e: Log-Pwr	Avg	Rear Style	1	GHz	000000	eq 1.915	
Auto Tune	ET A NIN NIN N		-	_		#Atten: 3	PNO: Wide - IFGain:Low			
Auto Tune		Mkr1 1.915 000 GHz -29.35 dBm							Ref Offset Ref 30.0	0 dB/div
Center Fred		-	-		-		-	-	_	20.0
1.915000000 GHz		_		-	-		-			0.0
-	-1709 001			1	-	1				0.0
Start Freq 1,914000000 GHz	-1105434			21	1	1 de				0.0
	-			-		4	-	-	-	0.0
Stop Fred			1000	-		-	-			0.0
1.916000000 GHz				1						0.0
CF Step	6000 GHz				-	V 120 kHz			4000 GHz	tart 1.91 Res BW
Auto Mar	(1001 pts)		Sweep 1.	Titles charter	-	V 120 KH2	#VB			Res BW
-		How and				-29.35 d	000 GHz		1	I N 1
Freq Offset					-		-		-	2 3 4 5 6 7 8 9
										5
							-			7 8
				-			_			9
	+				1					1
			=inters							0

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LTE\Band25_5MHz_QPSK_1_0_LowCH26065-1852.5

R	C-ms/mak/month	a ne i	1 383		110% eUTO	0110002 PM		Frequency	
enter F	req 1.8500	00000 GHz PNO: Wide	Trig: Free R	un	g Type: Log-Pwr	TYPE	123455 A WWWWW A NNNNN	Frequency	
10 dB/div	Ref Offset 13.8 dB Mkr1 1.850 000 GHz								
20.0 10.0				1	-			Center Fre 1 85000000 GH	
100 100 -000	-		•	de la	×.	-	-1703-001	Start Fre 1.849000000 GH	
30 0. 40 0 60 0								Stop Fre 1.851000000 GH	
Start 1.84 #Res BW		#VI	BW 150 kHz		Sweep	Stop 1.8510 1.000 ms (10	001 pts)	CF Ste 200.000 kF Auto Ma	
T N 2 3	1	1.850 000 GHz	-26.52 dBm	EUNCTION	FUNCTIONAMENT	FUNCTION	WALLE	Freq Offse	
4 5 7 8 9 10								OH	
11	1 1	-	-	1	=7=10	+	- +		

LTE\Band25_5MHz_QPSK_1_24_HighCH26665-1912.5 nter Freq 1.915000000 GHz Freque Vitio --- Trig: Free Run #Atten: 30 dB Mkr1 1.915 000 GHz -26.13 dBm Ref Offset 13.8 dE Ref 30.00 dBm Center Fre Start Free Stop Fre 1.9 1.914000 GH BW 51 kHz Stop 1.916000 GH CF Ste #VBW 150 kHz Sweep Freq Offse

LTE\Band25_5MHz_QPSK_25_0_LowCH26065-1852.5

Konstit Spatterrierseyae -									
Center Freq 1.850	PNO: Witter ==	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	THADE 1 2 3 4 5 5 TYPE A WWWWW	Frequency				
10 dB/div Ref 30.0	Ref Offset 13.8 dB Mkr1 1.850 000 GHz B/dy Ref 30.00 dBm -32.36 dBm								
20.0 10.0					Center Free 1 850000000 GH				
100 -100 -200		- 1-		1100-001	Start Free 1.849000000 GH				
40.0 60,0					Stop Fre 1.851000000 GH				
Start 1.849000 GHz #Res BW 51 kHz		W 150 kHz	Sweep 1	Stop 1.851000 GHz .000 ms (1001 pts)	CF Ster 200.000 kH Auto Ma				
T N 1 T	1.850 000 GHz	-32.36 dBm			Freq Offse 0 H				
4 6 7 8 9 10 11									
*)			=Y=Tex	s					

LTE\Band25_5MHz_QPSK_25_0_HighCH26665-1912.5

Center F	reg 1.9150	00000 GHz PNO: Wide IFGain!Low	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	10103557400025,2014 18405123455 197024	Frequency
10 dB/div	Ref Offset 1 Ref 30.00	3.8 dB		Mkr1	1.915 000 GHz -32.53 dBm	Auto Tun
20.0						Center Fre 1.915000000 GH
0.03 10.0 20.0 30.0					1700 424	Start Fre 1.914000000 GH
40 0. 50 0.			~			Stop Fre 1.916000000 GP
Res BW		#VE	3W 150 kHz	Sweep 1	Stop 1.916000 GHz .000 ms (1001 pts)	CF Ste 200.000 ki Auto Ma
2 3 4 5 7 8 9	1	1.915 000 GHz	-32.53 dBm	AUNCTION FUNCTION	FUNE (CR WADDE	Freq Offse 0 F
10						

LTE\Band25_10MHz_QPSK_1_0_LowCH26090-1855

Ref Offrei 138 dB MKR1 350 000 GHz Geldiv Ref 30.00 dBm -34.20 dBm Geldiv Ref 30.00 dBm -34.20 dBm <	Kayneger: Spar		er - Sloapt SA		-						022
Ref Offset 13 8 dB Mkr1 1.850 000 GHz Auto Tur 0 Global -34.20 dBm -34.20 dBm Center Fre 0 Global -34.20 dBm Center Fre 1 8000000 GHz 0 Global -1 -34.20 dBm Center Fre 0 Global -34.20 dBm Center Fre 1 80000000 GHz 0 Global -1 -1 -1 -1 0 Global -1 -1 -1 -1 -1 0 Global -1	enter Fr			GHz	Trig: Free R	un A			TRAC	1157254	Frequency
Start Free Start Free 1	0 dB/div	Ref Offset 13.8 dB Mkr1 1.850 000 GHz									Auto Tune
Start Fre 1	.og 20.0 10.0							1	~		Center Fre 1 850000000 GH
00 00<	100 100 20 <i>0</i> 300				1	, ja	-			upan	Start Fre 1.849000000 GH
Res BW 100 kHz #VBW 300 kHz Sweep 1.000 ms (1001 pts) Adds 200.000 m 2000 bit Add 1850 000 GHz -34.20 dBm 1004 cm micro the cm	40.0 50.0 60.0	-	_				-				Stop Fre 1.851000000 GH
Carl Concentration X X Autor Concentration Foundation Foundati	Res BW	100 kHz		#VB	W 300 kHz		-	weep 1	.000 ms (1001 pts)	200.000 kH
	1 N 1			000 GHz	-34.20 dBm		EUZ	LICEN WEITH	FUNCTO	IN WALVE	Freq Offse
	5 6 7 8 9 10										OF
	1			-	~	+	+			+	

LTE\Band25_10MHz_QPSK_1_49_HighCH26640-1910

						#154	tioner/an - Sea		
Frequency	101126/53 PM 04/25, 2019 TRACE 1 2 3 4 5 5 TVRC 0 WWWWW DET A N N N N N	vg Type: Log-Pwr	n	Trig: Free Ru #Atten: 30 dE	Z O: Wide -+-	0000 GH		ter Freq	u R Cent
Auto Tun	1.915 000 GHz -33.51 dBm	Mkr1	Ref Offset 13.8 dB						
Center Fre 1.915000000 GH						1	1		0g 20.0
Start Fre 1.914000000 GH	-1703 454	_	-	V- 1	The			- und	
Stop Fre 1.916000000 GH		-	-	- and					0,0
CF Ste 200.000 kH Auto Ma	top 1.916000 GHz .000 ms (1001 pts)	Sweep 1.		300 kHz	#VBW		kHz	t 1.91400 s BW 100	Res
Freq Offse 0 H	FUNCTONVALUE	PLATE COAVECTE	HONE	-33.61.dBm	GHz	1.915 000		N 1 T	1
									2 3 4 5 6 7 8 9 10
	+	STATUS		-					101

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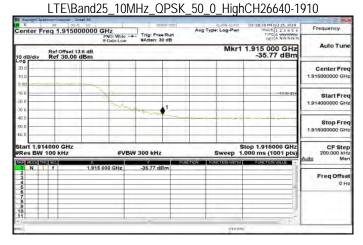
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LTE\Band25_10MHz_QPSK_50_0_LowCH26090-1855

NADE 1 2 3 2 5 4	THA			Run	Trig: Free	PNO: Wide -	000000 0		ter Fr	leni
000 GHz 6.65 dBm	1.850	Mkr1		V UD	BY SHUTL OF	P (Seen) Low	13.8 dB		B/div	10 dE
								-	-	20.0 10.0
-1102-021		1	- ut	1		-		+	_	1000 -1000 -2000 -2000
						-		-		-30 0 -40 0 -50 0
s (1001 pts)	.000 ms	weep 1.		_	300 kHz	#VB	-	IOO kHz	s BW	Star #Res
	FUNC			Bm.	-36.65 dE	00 GHZ	1.850	1	N	234567
A	1000 GHz (1001 pts)	-36.65 dBm	Log-Per Mkr1 1.850 000 GHz -36.65 dBm -36.65 dBm -	Avg Type Log-Per Mkr1 1.550 000 GHz 	Avg Type: Log-Pwr Page 102 123 8 5 1 Tech 12	Arg Type: Log-Bwr 1000 (12.22 + 32 Mixten: 30 db Mixt1 1.850 000 GHz -36.65 dBm -35.65 dBm -35.65 dBm -35.65 dBm -35.65 dBm -35.65 dBm -35.65 dBm -35.65 dBm -35.65 dBm	FHZ FNO WIG Trig: Free Run Mister: 30 dD Avg Type: Log-Pwr Mister: 30 dD Trig: 5 ar 5 mister: 30 dD Mkr1 1.850 0000 GHz -36.65 dBm -36.65 dBm 1 1000 ms (1001 pt) Sweep 1.000 ms (1001 pt) Sweep 1.000 ms (1001 pt)	10	W Bit Disc. State State State	Fore Frag 1.850000000 GHz International Control of the second s



LTE\Band25_15MHz_QPSK_1_0_LowCH26115-1857.5

Avergent Space	the set of	Simpli 54	2102.000	AL 104-11	unter Interstationer	PM Gcl 25, 2014	020
Center Fr		DOODOO GHZ	Trig: Free Run	Avg Type: Log-	we th	ACE 1 2 3 4 5 8 DIPE A WWWWW	Frequency
10 dB/div	Ref Offset	IFGeiniLow	#Atten: 30 dB	M	kr1 1.850	000 GHz	August William
20.0	Ref 30.00	dem					Center Fre
100 100 200			1	10047 ACMPAN		1109-001	Start Fre 1 849000000 GH
30 0. 40,0 60,0			and a start of the second		-		Stop Fre 1.851000000 GH
Start 1.849 Res BW 2	200 kHz	#VE	8W 620 kHz	Swee	p 1.000 ms	51000 GHz (1001 pts)	CF Ste 200.000 ki Auto Mi
N 1 2 3 4	1	1.850 000 GHz	-32.09 dBm				Freq Offs 01
5 6 7 8 9 10 11							
+ [~	-	TATUS	1	

LTE\Band25 15MHz QPSK 1 74 HighCH26615-1907.5

Frequency	101130300 PM 042 25, 2514 1RADE 1, 2, 3, 4, 5, 6 TVPE A WWWWW DET A N N N N N	vg Type: Log-Pwr	n	Trig: Free F	Z O: Wide	PN	eq 1.91500	nter Fr
Auto Tun	1.915 000 GHz -31.25 dBm	Mkr1			agnic.com	8 dB	Ref Offset 13 Ref 30.00	dB/div
Center Fre 1.915000000 GH							X	
Start Fre 1.914000000 GH	-1109 4214				"mas	12		10 0 0
Stop Fre 1.916000000 GH				100				0
CF Ste 200.000 kF Auto Ma	top 1.916000 GHz 000 ms (1001 pts)	Sweep 1.		620 kHz	#VBV			art 1.914 les BW 3
Freq Offse 0 F	EWIEK WADE	ELZIH CEZWORE	BUNCTI	-31.25 dBn	GHZ	1.915 000	1	N 1
	T.	TATUS		-				1 1

LTE\Band25_15MHz_QPSK_75_0_LowCH26115-1857.5

	PM 04 25, 2014		ALION AUTO	-	212 1				200	ALC NO.	and the second second	1
Frequency		TRA	pe: Log-Pwr	A	Free Run		Hz NO: Wide	00000 G			nter F	Cen
Auto Tun	000 GHz	1.850	Mkr1		n: 30 dB	#Atte	Fishin Low	16 dB	Offset 13		Bidiy	10.4
Center Fre 1.85000000 GH							-		30.00			20.0 10.0
Start Free 1.849000000 GH	-1100 601	~	- NURAN	-	1	-	=	_	-	-	-	100 100 200
Stop Fre 1.851000000 GH						-	-			-		30 A 40 B 50 D
CF Ster 200.000 kH Auto Ma	1000 GHz (1001 pts)	000 ms	Sweep 1		Hz	W 620 H	#VE			49000 200 k	rt 1.8 s BW	star Re
Freq Offse 0 H				POILTON	4 dBm	-35.2	00 GHz	1.850.00		1 1	N	2345
												6 7 8 9 10
	·		Table							-	_	*

LTE\Band25_15MHz_QPSK_75_0_HighCH26615-1907.5

0.2.2			_	-				THANK AND - So		
Frequency	110-40110 00125, 2014 1RADE 1 2 3 4 5 8 TUPE A WWWWW DET A N.N.N.N.N.	Log-Pwr	Avg	Free Run	Tria	Hz NO: Wide	00000 G			
Auto Tune				en: 30 dB		FGain/Low	1	_		_
Auto Turk	915 000 GHz -34.31 dBm	Mkr1						ef Offset 13 ef 30.00		10 d
Center Free			_	_	-					20.0
1.915000000 GHz	_					1				10.0
Start Free	-1202 001	1		-	_		-	-	1	10.0
1.914000000 GH				1			Name of			20.0
				-	ale advision					-30 fi
Stop Fred 1,916000000 GH				_	-	-		-	-	50 0
				_						-60.0
CF Step 200.000 kHz	0 1.916000 GHz 0 ms (1001 pts)			kHz	BW 620 H	#VE	<u></u>		t 1.91400 s BW 20	
<u>Auto</u> Mar		Non-Weight	BURGHOW	31 dBm	14.1	OD CHA	1.915.00			25
Freq Offsel				ST GENT	-24.0	VV.SITE	1.912.01	-	~	23
0 H:						-			_	4 5
				-		-			_	2345678910
						-				9
				-	~	-		+		11
		States								60

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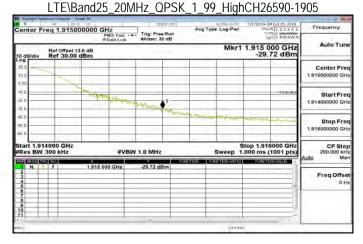
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LTE\Band25_20MHz_QPSK_1_0_LowCH26140-1860

R R	Attract Analyzes	- Sharpt SA	- 7	1 212			IDA AUTO	111-49-30	M G d 25, 2014	
Center F		0000000 GHz	Fest	Trig: Free R	un	Avg Type:		TRJ		Frequency
10 dB/div	Ref Offse Ref 30.0	IFGs	iniLow	#Atten: 30 d	8		Mkr1	1.850	000 GHz	Auto Tune
20.0 10.0									~	Center Fre 1 850000000 GH
0.00			_		magner	and the	A.Starton	-	-17.03-021	Start Fre 1.849000000 GH
40,0 60,0 60,0	ment	- Andrews	-	about a second distance		-				Stop Fre 1.851000000 GH
	9000 GH 300 kHz	z	#VBW	1.0 MHz	_	S	weep 1	top 1.85 .000 ms	1000 GHz (1001 pts)	CF Ste 200.000 kF Auto Ma
N		1.850 000 0		-33.69 dBm	FUNCTION	N FUNC	IL WEAH	FUNCT	EN WALKE	Auto Ma
2 3 4 5	,	1.850 000 0	aHZ	-33.59 dBm						Freq Offse
6 7 8 9 10						-				
11			-		1	1	-	_		
00							TATE	s		



LTE\Band25_20MHz_QPSK_100_0_LowCH26140-1860

An Anternation	Although deal /200						and a second	1000	
Center F		0000000 GH	NO: Fast	Trig: Free Ru	Ave	Type: Log-Pwr	TRAC	M G (J 25, 2614 25 1 2 3 4 5 5 26 4 WWWWW ET A N N N N N	Frequency
10 dB/div	Ref Offse Ref 30.	1F	Gain Low	#Atten: 30 dE		Mkr1	1.850 0	000 GHz 31 dBm	Auto Tune
20.0 10.0	Ref 30.	ou dem							Center Fre 1.850000000 GH
100 -100 -200 -300						internet	1	1100 001	Start Fre 1.849000000 GH
40,0 50,0 60,0									Stop Fre 1.851000000 GH
	9000 GH 300 kHz	z	#VBV	V 1.0 MHz	BUILDIN	Sweep 1		1000 GHz 1001 pts)	CF Ste 200.000 kH Auto Ma
T N	1	1.850.00	0 GHZ	-31.31.dBm					Freq Offs 01
2 3 4 6 7 8 9 10 11									
*						State	s		

Registration Registratin a registration Registration <th

LTE\Band25_20MHz_QPSK_100_0_HighCH26590-1905

LTE\Band26_1_4MHz_QPSK_1_0_LowCH26797-824.7

							nort Analyza	oper Spartes	a top
Frequency	10453:42 PM 0d 25, 2014 10405 1, 2, 3, 4, 5, 6 1075 A WWWWW DET A NINININ	Avg Type: Log-Pwr		Trig: Free R	PNO: Wide	000000 MI		er Free	Cent
Auto Tune	1 824.000 MHz -32.95 dBm	Mkr	86 0B	#Atten: 30 d	IFGain Low	et 13.6 dB .00 dBm			10 dB
Center Free 824.000000 MH			-						20.0 10.0
Start Free 823.000000 MH	-1509 401	1	1						100 100 200
Stop Free 825.000000 MH	- Andrews						w~~~	word	40,0
CF Ste 200.000 kH Auto Ma	Stop 825.000 MHz 800 ms (1001 pts)			V 91 kHz	#VBW		00 MHz 0 kHz	823.00 BW 30	
evere ma	FUNCTIONWALUE	ONE FURIER WARTEN		-32.95 dBm	.000 MHz	824.	1 1	N 1	1
Freq Offse									23456
									7 8 9 10
			1	~				1.1	11
		States							60

LTE\Band26_1_4MHz_QPSK_1_5_HighCH27033-848.3

			_			M 34	Annyan - Son			
Frequency	18406 1 2 3 4 5 8	ype: Log-Pwr	Avg	Trig: Free Run	1	000 MHz		Freq 8		Cer
Auto Tur	DET A NN NN N		_	#Atten: 30 dB	O: Wille	PN				
AutoTur	849.000 MHz -33.63 dBm	Mkr					f Offset 13. f 30.00 d		dB/div	10 0
Center Fre							-		0-	201
849.000000 MH					5					10.0
Start Fre	-13 00 40 1			7	J		_	-		-161
848.000000 MH				1		1	-			-20.0
		-		195		-	Der			40.0
Stop Fre 850.000000 MH	~						-			50/0 60 0
CF Ste	op 850.000 MHz				-	-		8.000	art 84	sta
200.000 kH Auto Ma	00 ms (1001 pts)			1 kHz	#VBW			V 30 k	-	-
ARAS. INC.	FUNCTIONALOE	FUNCTION WORTH	FUNCTION	-33.63 dBm	MHz	849.000		1 1	N	T
Freq Offs					-		-	_		234
07	(m				_			_		2345678910
					_			_		8
								_	-	10 11
	1	STATUS		~		_				+ []

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LTE\Band26_1_4MHz_QPSK_6_0_LowCH26797-824.7

Avenuent Sea	attempt days of the	Simpli 54	289.101	NUD4 AUTO	104 56 51 PM 0d 25, 2914	
enter Fi		PNO: Wide -	Trig: Free Run	Avg Type: Log-Pwr		Frequency
10 dB/div	Ref Offset Ref 30.00		#Atten: 30 dB	Mk	r1 824.000 MHz -41.35 dBm	Auto Tur
.og 20.0 10.0						Center Fre 824.000000 Mi
0.00			1		1100-001	Start Fre 823.000000 Mi
40 0 50 0 60 0						Stop Fre 825.000000 Mi
Res BW		#VB	W 91 kHz		Stop 825.000 MHz .800 ms (1001 pts)	CF Ste 200.000 ki Auto Ma
2 3 4	1	824.000 MHz	-41.35 dBm	NOTION-	EUVICICE/WARDE	Freq Offs
5 6 7 8 9						
11	+ +		~	=7=192	t.	

Frequency	18405 1 23 4 5 5 TRACE 1 2 3 4 5 5 TUPE A WWWWW	Avg Type: Log-Pwr		Trig: Free I	O: Wide		349.000	req 8	ter F	en
Auto Tu	849.000 MHz -38.50 dBm	Mkr1	-	#Atten: 30	ieln:Low	6 dB	Offset 13.		Jidiy	0.4
Center Fre 849.000000 Mil							00.00			.og 20.0 10.0
Start Fre 848.000000 Mi	-1703 424		-	1						0 00 10 0 10 0 20 0
Stop Fre 850.000000 M		~	<u>~~</u> ~	~						30 0. 40 0 50 0
CF Ste 200.000 ki Auto M	op 850.000 MHz 00 ms (1001 pts)	Sweep 2.8		91 kHz	#VBW		Hz	.000 I 30 ki	s BW	tar
	FUNCTON WALLE	NE REPAIRS WORK	RUNCTO	-38.50 dBr	MHz	849.000		1 1	N	1
Freq Offs 01					_					2345
									-	6789
	-				_				-	10

LTE\Band26 3MHz QPSK 1 0 LowCH26805-825.5

Kayangett Spintheory Analyzer - Sough 54					
Center Freq 824,000000	PMD: Mida Trip	Free Run	Avg Type: Log-Pwr	104 444 30 PM Oct 25, 2014 1RADE 1 2 3 4 5 5 TVPE A WWWWW DET A NIN NIN N	Frequency
Ref Offset 13.6 dB 10 dB/div Ref 30.00 dBm		an. 30 00	Mk	1 824.000 MHz -24.74 dBm	Auto Tune
20.0		-			Center Free 824.000000 MHz
-20.0			N.	-1709-004	Start Free 823.000000 MHz
40.0				man	Stop Free 825.000000 MH
Start 823.000 MHz #Res BW 39 kHz	#VBW 120		Sweep 1	Stop 825.000 MHz .667 ms (1001 pts)	CF Step 200.000 kH Auto Mar
TNIT	324.000 MHz -24.	74 dBm			Freq Offse 0 H
2 3 4 6 7 7 8 9 10 11					
(cen			ate to	s	

LTE\Band26 3MHz QPSK 1 14 HighCH27025-847.5

Frequency	1 2 3 4 5 5 A NN NN N	TRAC	Log-Pwr			Trig: Free	O: Wide	000 MH	849,000		l en
Auto Tun	00 MHz	1 849.0	Mkr		10 48	#Atten: 3	SeinLow	6 dB	f Offset 13		
	72 dBm	-22.			_			Bm	f 30.00	/div F	10 di
Center Fre 849.000000 MH						~					20.0
Start Fre	-1100-021				,	E	2				0.00 10.0 10.0
			-		1			200		_	30 A.
Stop Fre 850.000000 Mi	1		~							-	60 D 60 D
CF Ste 200.000 ki	.000 MHz 1001 pts)	Stop 850 667 ms (weep 1.	4		120 kHz	#VBW			848.00 BW 39	
Auto Ma	WWALDE -	EUVIER	H WWENH	CTION FUN		-22.72 di	a Anti-	849.00	3		ARE .
Freq Offs 0 F					D/I	-22.72 0	V.MILK	042.00		N I	2345
											6 7 8 9
	-	_		-		-			-	11	10

LTE\Band26_3MHz_QPSK_15_0_LowCH26805-825.5

				-						ant Space	farme
Frequency	18405 1.2.3.4.5.6 TVPE A WWWWW DET A NN NN N		Avg Type:	Run	Trig: Free	Wide	000 MHz	24.000	eq 82	er Fre	ente
Auto Tune	24.000 MHz -29.01 dBm	Mkr1		dB	#Atten: 30	ên Low	IFG 6 dB	Offset 13			a dB/d
Center Fred 824.000000 MHz							DIII	30.00 0	Kers	aiv	0.0
Start Free 823.000000 MH	-17024211			2		_			-		
Stop Free 825.000000 MH					_	~			-		0,0
CF Step 200.000 kH Auto Mar	825.000 MHz ms (1001 pts)	eep 1.66	S	-	120 kHz	#VBW			000 M 39 kH		Res
Freq Offset 0 Hi					-29.01 dB	MHz	824.000		1		1 N 2 3 4 5 6 7
											8 9 0

LTE\Band26_3MHz_QPSK_15_0_HighCH27025-847.5

Report Spatharting					
enter Freq 849.0	DOODOO MHz PNO: Wide	Trig: Free Run	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 5 TIPE A WWWWW DET A NN NN N	Frequency
Ref Offse 0 dB/div Ref 30.0	IFGein:Low	#Atten: 30 dB	Mk	1 849.000 MHz -30.66 dBm	Auto Tun
og 10.0					Center Fre 849.000000 MH
0.0				-1303-4214	Start Fre 848.000000 MH
0.0		~			Stop Fre 850.000000 MH
tart 848.000 MHz Res BW 39 kHz	#VBV	V 120 kHz	Sweep 1	Stop 850.000 MHz .567 ms (1001 pts)	CF Ste 200.000 ki Auto Ma
IN 1 7 2 - - 3 - - 5 - - 6 - - 7 - - 9 - - 11 - -	849.000 MHz	-30.66 dBm	E LAISTE A MÈTAI	EURITORI VALUE	Freq Offse 0 H
		~	Tabl	t.	-

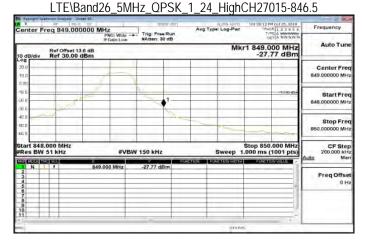
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LTE\Band26_5MHz_QPSK_1_0_LowCH26815-826.5

Frequency	PM Gd 25, 2014	04:35,541	NLIG9 4010		ear stor	1 31	- 11	a uc i			R.
Frequency		THA	Log-Pwr	Avg Typ	Run	Trig: Free	Z NO: White *	0000 MH	824.0	r Fre	ente
Auto Tun	2.0	-	-		0 dB	#Atten: 3	FGain/Low	1		_	_
Auto Turi	000 MHz .38 dBm	r1 824.0 -28.	Mk			-			ef Offset ef 30.0		
Center Free		-	1	-	_		-	-	-		0.0
824.000000 MH	-	-	1	1			-	-	-		0.0
	-	-	1	¥	-		-	-	-	_	1.00
Start Fre	-1102 001						-	-			0.0
823.000000 MH		-			1	-	-		-		0.0
	1					-1	1		-		0.0
Stop Fre							-				2.0
825.000000 MH			1.1		1					-10	0.0
CF Ste	5.000 MHz	Stop 825		-			-	-	0 MHz		
200.000 kH	(1001 pts)	.000 ms	Sweep 1		_	150 kHz	#VB		kHz	BW 5	Res
MAKE INTE	TON WALVE	FUNCT	ICHE-WWEITH	1104		-28.38 dE	00 MHz	824.0			RE MU
Freq Offse									-		23
0 H	6				-				_	-	4
					-		-		_	-	6
					-		-		-		8
					_						
										-	1



LTE\Band26 5MHz QPSK 25 0 LowCH26815-826.5

Karagett Spatterer Analyze - 3					
Center Freq 824.00		Trig: Free Run	Avg Type: Log-Pwr	104:17:02 PM Oct 25, 2019 TRADE 1 2 3 4 5 5 TVPELA	Frequency
10 dB/div Ref 30.00		#Atten: 30 dB	Mkr	1 824.000 MHz -35.00 dBm	Auto Tune
20.0					Center Freq 824,000000 MHz
100 		1		-1709 (01)	Start Freq 823.000000 MHz
-40.0 -50.0		2			Stop Free 825.000000 MH
Start 823.000 MHz #Res BW 51 kHz	#VBW	150 kHz		Stop 825.000 MHz .000 ms (1001 pts)	CF Step 200.000 kHz Auto Mar
TNIT	824.000 MHz	-35.00 dBm			Freq Offset 0 Hz
2 3 4 5 6 6 7 7 8 9 9 9 10 11					
(cen			=r=tus	- P .	

R of Dec	Trig: Free Run #Atten: 30 dB	Avg Type: Log	Pwr TRACE		Frequency Auto Tune
Ref Offset 13.6 dB dB/div Ref 30.00 dBm	#Atten: 30 dB		Mkr1 849.00	DO MHZ	Auto Tune
				9 dBm	- and then
					Center Fre 849.000000 MH
	1		_	-1102 42.4	Start Fre 848.000000 MH
0	-				Stop Fre 850.000000 MH
art 848.000 MHz es BW 51 kHz #VB1	W 150 kHz		Stop 850.0 ep 1.000 ms (1	001 pts)	CF Ste 200.000 kF Auto Ma
NOUS HER ESA X N I 7 849.000 MHz	-35.09 dBm	UNCTION FUNCTION	WEITH FUNCTO		Freq Offse 0 H
	-		TAINS		

LTE\Band26_5MHz_QPSK_25_0_HighCH27015-846.5

LTE\Band26_10MHz_OPSK_1_0_LowCH26840-829

Frequency	19124-90 PH Oct 25, 2019 TRACE 1 2 3 4 5 6 TVPE A WWWW OFT A NN NN N	Log-Pwr			Trig: Free #Atten: 30	O: Wide	0000 MHz	824.00		ent
Auto Tune	824.000 MHz -35.56 dBm	Mkr		ub .	avitabil. ov	Seln:Low	3.6 dB	of Offset 1	div B	D dB
Center Free 824.000000 MH		<								0.0
Start Free 823.000000 MH	13.00 40.0		- and	1					_	30 30 30
Stop Free 825.000000 MH								a lat		0,0
CF Step 200.000 kH Auto Mar	top 825.000 MHz 00 ms (1001 pts)		_		300 kHz	#VBW		kHz	823.00 BW 10	Res
Freq Offse 0 H					-35.56 dB	MHz	824.00			
										2 3 4 5 6 7 8 9 0

LTE\Band26 10MHz QPSK 1 49 HighCH26990-844

Frequency	104:25:15 PM 0d 25, 2014 TRACE 1 2 3 4 5 6 TVPE A WWWWW DET A NN NN N	g Type: Log-Pwr		Trig: Free Ru	O: Wide	000 MH2	q 849.000		
Auto Tun	1 849.000 MHz	Mkr		#Atten: 30 dE	Sein Low	IFI	Ref Offset 13	-	-
	-37.80 dBm						Ref 30.00	B/div	0 d
Center Fre 849.000000 MH			-	-		~	1		10.0
Start Fre	-1100 001		_		-		1		0.0
010,000000 001		-	_	1			-		0.0
Stop Fre 850.000000 MH	min			18				-	
CF Ste 200.000 kH	Stop 850.000 MHz 000 ms (1001 pts)			300 kHz	#VBW			rt 848.0 s BW	
Auto Ma	FUNCTO WWALKE	FUNCTIONWORK	Roman	-37.80 dBm	MHz	849.00	-	N 1	
Freq Offs 0 F									2345
									234567890
				1					10
		STATUS							0

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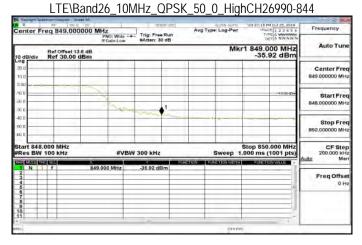
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LTE\Band26 10MHz QPSK 50 0 LowCH26840-829

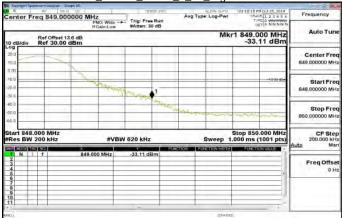
Frequency	09:26:05 PM 02 25, 2014	01104 ettra		1 3 83	1.	100	101 200 0	1	N R
riequency	TYPE A WWWWW DET A NN NN N	Type: Log-Pwr	n .	Trig: Free R	O: Wille	000 MHz	q 824.000	er Fre	Den
Auto Tune	and the second se	-	-	#Atten: 30 d	Sein/Low	IFG	_		-
Auto Tune	1 824.000 MHz -36.69 dBm	Mkr					Ref Offset 13 Ref 30.00		10 de
Center Free									20.0
824.000000 MH			_	_		_	-		10.0
		-	-				-	_	100
Start Fred	-1202401	1000	-						-10 D
823.000000 MHz		1					-		-20.0
			~		-		-		-30.0
Stop Free									-40,0
825.000000 MH							-	-	-ED 0
CF Step	Stop 825.000 MHz				-		0 MHz	823.00	Star
200.000 kH	000 ms (1001 pts)	Sweep 1.		300 kHz	#VBW		DO kHz	BW 10	#Re
Auto Mar	FUNCTION WARDER	HUNCHEN WORK	EURITO			×			MRIS .
Freq Offse			-	-36.69 dBm	MHZ	824.000	1	N	2
0 Ha					_				4
					_				6
					_		_		5 6 7 8 9 10
							_		9
			-	~	-			1 1	11
		TATUS							100



LTE\Band26 15MHz QPSK 1 0 LowCH26865-831.5

0.2 2							tenent dennistan	ant Spec	5.69
Frequency	18405 1 2 3 4 5 8 THREE 1 2 3 4 5 8 THRE & WWWWW DET A NIN NIN N	e: Log-Pwr	Avg	Trig: Free Run	Iz	00000 MH		r Fr	lent
Auto Tune	824.000 MHz	Mkr	_	#Atten: 30 dB	FGainLow	i	-	_	
	-32.89 dBm	MIN					Ref Offse Ref 30.0	div	0 dE
Center Freq					-	-	-	-	20.0
824.000000 MHz		1							10.0
Start Fred	-1193 401	1			_				10.0
823.000000 MHz		1	way well	1.00				-	20.0
Stop Freq				and wer going	-	-	_		40,0
825.000000 MHz					chines.	and and a	and a	-	60/08 60/08
CF Step	op 825.000 MHz				-		000 MHz	022.0	
200.000 kHz Auto Man	10 ms (1001 pts)	Sweep 1.		20 kHz	#VB		200 kHz		
essate main	FUNCTION VALUE	WEIGHWEIGH	RUNCTION	-32.89 dBm	00 MHz	824.0	1		
Freq Offset 0 Hz									2345
								-	5 6 7 8 9
				-				+	9
				-	-			1	11
		STATUS							80

LTE\Band26_15MHz_QPSK_1_74_HighCH26965-841.5



LTE\Band26_15MHz_QPSK_75_0_LowCH26865-831.5

	PH Cd 25, 2014	0417/021	ALION AUTO			1 1		Ald Se	1 = 0	all the second second	duczine.	- Ange
* Frequency		TRA	pe: Log-Pwr	A	e Run	1	NO: Wide	0000 MH		eq 82	er Fr	ent
Auto Tun	000 MHz .96 dBm	1 824.0	Mkr		30 00	#Atten: 4	GeiniLow	6 dB	offset 13 30.00		/div	0 dB
Center Fre 824,000000 MH												20.0 10.0
Start Fre 823.000000 MH	-1202 424	/	and the		,					+		
Stop Fre 825.000000 MH					-						-	40,0 50,0
Z CF Ste 200.000 kH Auto Ma	5.000 MHz (1001 pts)	.000 ms	Sweep 1.	BURGLOW	z	620 kHz	#VBV			000 M 200 k		Res
Freq Offse					iBm.	-33.95 d	0 MHz	824.0		1		2345
												6 7 8 9
					-		-				-	

LTE\Band26_15MHz_QPSK_75_0_HighCH26965-841.5

An Anti-	ARTINET AND/200 - 3								
Center F	req 849.00	00000 MHz	O: Wide	Trig: Free R	Ave	Type: Log-Pwr	TRACE	25,2014 23455 NINNNN	Frequency
		IFC	sein/Low	#Atten: 30 d	8				Auto Tune
0 dB/div	Ref Offset Ref 30.00		_			MK	r1 849.000 -34.73	dBm	
20.0					_				Center Free
100								-	849.000000 MH
0.0		_						-1102 401	StartFre
0.0		-		1					848.000000 MH
0.0		1000	N	- manual and a		-			
0/0	-								Stop Fre 850.000000 MH
60.0	-	-	-		_	-			our should have
	8.000 MHz 200 kHz		#VBV	V 620 kHz		Sweep 1	Stop 850.00 .000 ms (10	00 MHz 01 pts)	CF Ste 200.000 kH
		849.000	MHz	-34.73 dBm		EUZCIC:WWORK	FUNCTION	WLUE ^	Auto Ma
2 3 4 5 6 7 8 9									Freq Offse
6			-					=1	
8 9 0			-					=1	
11			_	~			_		
0						STATES	s		

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LTE\Band66_1_4MHz_QPSK_1_0_LowCH131979-1710.7

Keynegett Spectroserriskowywe - Scopt 54			11 flay 11 2019
Center Freg 1.710000000	PND: Wide Trig: Free Run	Ava Type: Log-Pwr Tha	Ct 1 2 3 a 5 a Frequency
Ref Offset 13.8 dB 10 dB/div Ref 30.00 dBm	IFGaintLow #Atten: 30 dB	Mkr1 1.710 (A de la companya de la compa
20.0 10.0			Center Free 1,710000000 GH
-10.0	s.		Start Free 1.709000000 GH
40 0 40 0 40 0 40 0			Stop Free 1.711000000 GH
Start 1.709000 GHz #Res BW 30 kHz	#VBW 91 kHz	Sweep 2.800 ms	Auto Ma
	10 000 GHz -29.03 dBm	UNCTION: FUNCTION WORK FUNCT	
2 3 4 5 6 7			Freq Offse
8 9 10			Scale Typ
11		STADUS	

LTE\Band66_1_4MHz_QPSK_1_5_HighCH132665-1779.3

Average Construction (
Center Freq 1.780	PND: Wide -	Trig: Free Run	Ave Type	Log-Pwr	101-23-45 PH Nev 11 2019 IRADE 1 2 3 4 5 4 TVPE A WWWWW	Frequency
Ref Offse		#Atten: 30 dB		Mkr1	1.780 000 GHz -24.56 dBm	Auto Tune
20.0 10.0						Center Free 1.780000000 GH
0.00 0.00 0.00 0.00		V.			Det-Horto-dan	Start Free 1.779000000 GH
40.0	~			~~~~	~	Stop Fre 1.78100000 GH
Start 1.779000 GH; #Res BW 30 kHz		W 91 kHz		Sweep 2.	top 1.781000 GHz 800 ms (1001 pts)	
V N I T 2 3 4 5	1,780 000 GHz	-24.56 dBm	190801090 (1908		FUNCTION VALUE	Freq Offse 0 H
4 6 7 7 8 9 9 10						Scale Type
() ()		~		Status		

LTE\Band66_1_4MHz_QPSK_6_0_LowCH131979-1710.7

Keynepitt Spectroent House - Sough SA				
Center Freq 1.710000000	I GHz PNO: Wide Trig: Free F #Atten: 30 t	Avg Type: Log-Pwr	11/24:00 PM May 11 2029 PRACE 1 2 3 4 5 6 T/PE A WWWWWW DET A N R N W N	Frequency
Ref Offset 13.8 dB 10 dB/div Ref 30.00 dBm		Mkr	1 1.710 000 GHz -35.92 dBm	Auto Tune
20.0 10.0		_		Center Fred 1.71000000 GH
001 001 000 000			DLI -I DOD -DH	Start Free 1.709000000 GH
40 0 40 0 60 0 60 0				Stop Free 1.711000000 GH
Start 1.709000 GHz #Res BW 30 kHz	#VBW 91 kHz		Stop 1.711000 GHz 2.800 ms (1001 pts)	CF Step 200.000 kH Áuto Ma
T N f 1.71	10 000 GHz -35.92 dBn			Freq Offse 0 H
2 3 4 6 6 7 7 8 8 9 9 10 11				Scale Type
(CEN		TAT	us	

LTE\Band66_1_4MHz_QPSK_6_0_HighCH132665-1779.3

Frequency	11/24/54 PM Nov 11, 2019 11/24/54 PM Nov 11, 2019 11/25 A WAYNEY DET A N R N M N	Avg Type: Log-Pwr			GHz PNO: Wide -	.780000000	Freq 1	Center
Auto Tune	780 000 GHz -27.52 dBm	Mkr1			In Calence III	Offset 13.8 dB 30.00 dBm		10 dB/di
Center Fre 1,780000000 GH				-				20.0 10.0
Start Fre 1.779000000 GH	DEP-PORTO-DA		•1	1			_	40.0 20.0 30.0
Stop Fre 1.78100000 GH	~~~~~							40,0
CF Ste 200.000 kH	p 1.781000 GHz 00 ms (1001 pts)	Sweep 2.		3W 91 kHz	#VB		779000 W 30 ki	Start 1 #Res B
Freq Offse 0 H	ELVIATON VALUE	DAL FLACTON WORK		-27 52 d	000 GHz	1.78		2 3 4
Scale Typ								5 6 7 8 9 10

LTE\Band66_3MHz_QPSK_1_0_LowCH131987-1711.5

					54	million - million		VERSIT: SP	P
Frequency	18406 1 2 3 4 2 4	Avg Type: Log-Pwr		383	000 GHz		Freq 1.		
and see	DET A NIRE NIRE N			#Atten: 30 di	PND/Witte - IFGaintLow		and the state of the	-	1
Auto Tuni	.710 000 GHz -18.71 dBm	Mkr1				Offset 13.8 30.00 dE		B/div	6 d
Center Fre 1.710000000 GH			P						20.0
Start Fre 1.709000000 GH	010-1070-00A	1 m	<u>,</u>				-	-	10.00 10.00 30.0 30.0
Stop Fre 1.711000000 GH	man				~~~	~~~	>	-	
CF Ste 200.000 kH	op 1.711000 GHz 67 ms (1001 pts)			W 120 kHz			09000 (V 39 kH	s BW	Re
-	FUNCTERINALUE			-18.71 dBm	1.710.000 GHz	_	1 1	N	23
Freq Offse									4
Scale Typ									6789
Log Li		_	-						10
		STATUS							1.000

LTE\Band66_3MHz_QPSK_1_14_HighCH132657-1778.5

	55 PH May 11 2029	Total Black					Several Sec.	attent i Annual Annual	Report Spo
Frequency		Paker TR.	Avg Type: Log-Pwr	Run	Trig: Free	PND/Wide -	000000 G		
Auto Tun			Mkr	0 dB	#Atten: 3	FGeIntEow	- 1	745.4 7 1	_
	8.95 dBm	-18	initia	_					0 dB/div
Center Fre	_			-	-	-	-	-	20.0
1.780000000 GH					1	1/			0.0
Start Fre	pt++200-000			1	1	A			0.0
1.779000000 GH				1			1	-	0.0
-		_		~			1		0.0
Stop Fr			~	-	-	-	-	_	(D)
	-	-	-			-	-		0.0
CF Ste 200.000 kH					M 120 kHz	#VB		9000 GH	tart 1.77 Res BW
Auto Ma		Hz Stop 1.781000 Gl	22,2016						
Freq Offse				3m	-18.95 dE	000 GHz	1,780 (1	2
0 H		_	_	-		-			2 3 4 5 6 7 7 8 9 9
Scale Typ									6 7
1 - Carros - Ca		-		-		-			9
Log Li		_		_				1 1	
		TADIS							

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LTE\Band66_3MHz_QPSK_15_0_LowCH131987-1711.5

Experience Pl	atternet Arguny/ann-	Simpli SA	ana shi		101119129H May 11, 2019	
		000000 GHz	Trig: Free Run	Avg Type: Log-Pwr		Frequency
	Ref Offset	IFGein/Low	#Atten: 30 dB	Mkr1	1.710 000 GHz -25.23 dBm	Auto Tune
20.0	Ref 30.0	0 dBm			-20.25 GBM	Center Free
10.0						1.710000000 GH
-10.0 -20.0 -30.0			y /		513 -13700 -03rh	Start Fre 1.709000000 GH
40,0 60,0 60,0						Stop Fre 1.711000000 GP
Res BW			W 120 kHz	Sweep 1	Stop 1.711000 GHz .667 ms (1001 pts)	CF Ste 200.000 kl Auto Ma
N N	1	1.710 000 GHz	-25.23 dBm	UNLINE FUNCTION WORK	FUNCTION WALKE	-
2 3 4 5 6 7						Freq Offs 0 F
7 8 9 10						Scale Typ
11	1 1		_	-		Log Li
100				STATE	s	

LTE\Band66_3MHz_QPSK_15_0_HighCH132657-1778.5

Experiences PL	ART III	- Singet SA	ana sm		101-19:20 PM May 11 2019	
		DOODOOD GHz	Trig Free Run	Avg Type: Log-Pwr		Frequency
10 dB/div	Ref Offse Ref 30.0		w #Atten: 30 dB	Mkr	1.780 000 GHz -25.78 dBm	Auto Tune
20.0						Center Fred 1,78000000 GH
100 -100 -200 -200			1.		אמר פעובן- דוע	Start Free 1.779000000 GH
-40,0 -50,0 -66,0						Stop Free 1.781000000 GH
Start 1.77 #Res BW	2020		VBW 120 kHz		Stop 1.781000 GHz 1.667 ms (1001 pts)	CF Step 200.000 kH Áuto Mar
7 N 2 3 4 5 6 7	T	1,780 000 GHz				Freq Offse 0 H
6 7 8 9 10 11						Scale Type
(cent			-	=3×16	rs.	

LTE\Band66 5MHz QPSK 1 0 LowCH131997-1712.5

Conception Spectroscoper - See					
Center Freq 1.71000	PND/ Wide	Trig: Free Run	Avg Type: Log-Pwr	10110 33 PM May 11 2019 1RADE 1 2 3 8 5 6 TUPE A WWWWW DET A NR NN N	Frequency
Ref Offset 13		#Atten: 30 dB	Mkr1	1.710 000 GHz -20.92 dBm	Auto Tune
20.0 10.0					Center Freq 1.710000000 GHz
-10.0		y'		Contraction of the second	Start Freq 1.709000000 GHz
40.0 60.0					Stop Freq 1.711000000 GHz
Start 1.709000 GHz #Res BW 51 kHz				top 1.711000 GHz .000 ms (1001 pts)	CF Step 200.000 kHz Auto Man
1 N T 2 3 4 5	1.710.000 GHz	-20.92 dBm			Freq Offset 0 Hz
2 3 5 6 6 7 7 8 9 9 10 11					Scale Type
(CALINA)			TATES		

LTE\Band66 5MHz QPSK 1 24 HighCH132647-1777.5

TRADE 1 2 3 4 5 4 TRADE 1 2 3 4 5 4 TIPE A WWWWW DET A N R N N N	Avg Type: Log-Pwr	Trig: Free Run #Atten: 30 dB	100000 GHz PNO, Wide		enter Fi
1.780 000 GHz -22.82 dBm	Mkr1				0 dB/div
					10.0
har with the					0.00 10.0 20.0 20.0
	~~~	2			40.0. 50.0 60.0
000 ms (1001 pts)	Sweep 1.	70- 11-10	#VE		Res BW
		-22 82 dBm	1.780 000 GHz	T	2 3 4 5
	_				6 7 8
	1.780 000 GHz	Avg Type Log-Pwr Mkr1 1.780 000 GHz -22.82 dBm Stop 1.781000 GHz Sweep 1.000 ms (1001 pts)	Avg Type Log-Per The Light State Sta	Discourse         The Provide         The Provide	Proj         Proj <th< td=""></th<>

#### LTE\Band66_5MHz_QPSK_25_0_LowCH131997-1712.5

1.710000	000 GHz	3833		vpe: Log-Pwr	TRADE 1 2 3 4 5 4	Frequency
	PNO/ Wide IF GaintLow	#Atten: 30 dE	in	Aber roß.e.mi	TIPE A WANNEY	
f Offset 13.8	dB	and the second		Mkr1	1.710 000 GHz -30.18 dBm	Auto Tuni
						Center Free 1.710000000 GH
		e.	1		513-4500-DA	Start Fre 1.709000000 GH
						Stop Fre 1.711000000 GH
kHz		BW 150 kHz		Sweep 1.	000 ms (1001 pts)	CF Ste 200.000 kH
	1.710.000 GHz	-30,18 dBm	PUNCTION?		EDVICIONINADOS	Freq Offse 0 H
						Scale Typ
	of Offset 13.800 dB	of Offset 13.8 dB of 30.00 dBm	of Offield 13.8 dB of 30.00 dBm	of Offreet 138 dB of 30.00 dBm	of Offreet 138 dB Mkr1 of 30.00 dBm	of Offreet 138 dB of 30.00 dBm -30.18 dBm -30.19 dB

#### LTE\Band66_5MHz_QPSK_25_0_HighCH132647-1777.5

028						theory Anno Anno Anno Anno Anno Anno Anno Ann	Karangert Spa
Frequency	101-17134 PM May 11 2019 TRADE 1 2 3 8 5 6 TIPE A WWWWW	Avg Type: Log-Pwr	Trig: Free Run	1z	000000 GH		
Auto Tun	and the second	100.00	#Atten: 30 dB	GeintEow	IF	_	
Auto Tun	1.780 000 GHz -28.22 dBm	Ref Offset 13.8 dB Mkr1 1.780 000 GH: B/div Ref 30.00 dBm -28.22 dBm				0 dB/div	
Center Fre				1			20.0
1,780000000 GH					_	-	0.0
				-			1.00
Start Fre	DLT-FOTO-DM					-	0.0
1.779000000 GH			- · ·	-		-	0.0
							10 0. 10 0
Stop Fre 1.781000000 GR				1		-	0.0
		1					0.0
CF Ste						9000 GHz	
200.000 kH Auto Ma		Sweep 1.	150 kHz	#VBW		51 kHz	Res BW
240.2	FUNCTION VALUE	Avg Type Log-Ner Prov Mide - Trig: Free Run Prov Mide - RATER: 30 dB Mikr1 1.780 0000 GHz 28.22 dBn 0 dBm -28.22 dBn -28.22 dBn		N N			
Freq Offse							2
0 H	-						4
Scale Typ				_			2 3 4 6 7 8 9
				-			9
Log Li			-	_			1
-		Tatus					101

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#### LTE\Band66_10MHz_QPSK_1_0_LowCH132022-1715

									- CONTRACTOR	
127254	THAC	e: Log-Pwr	Avg Typ		1	Z	00000 GH			
00 GHz	1.710 0	Mkr1		ID dE	#Atten: 3		IFC			10 dE
	1	1								20.0 10.0
and the second			and the second	en						0.00 -10.0 -20.0 -30.0
					nin	n	mm	ىسىمىمى	nn-	40,0
1001 pts)	.000 ms (	Sweep 1.			300 kHz	#VBW		00 kHz	s BW 1	Res
					-29.84 d	0 GHz	1.710.000	1	N	234
		_	_			_		_		5 6 7 8
	000 GHz 84 dBm	-29,84 dBm	Mkr1 1.710 000 GHz -29.84 dBm	Avg Type Log-Per Mkr1 1.710 000 GHz -29.84 dBm Stop 1.711000 GHz Sweep 1.000 ms (1001 pts)	Avg Type: Log-Rver miced (1, 2, 2 = 5 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	Avg Type: Log-Bver 1000 GHz Avg Type: Log-Bver 1000 GHz Avg Type: Log-Bver 1000 GHz -29.84 dBm	Z Trig: Free Run dollar	BOOD GHZ PHO Wilds	Image: Second	Per Freg 1.710000000 GHz Highlight of the second

#### LTE\Band66_10MHz_QPSK_1_49_HighCH132622-1775

Avangent Spectrosen Source Source S	A			- North Street and the		
Center Freq 1.7800000	DMD: Mide					
Ref Offset 13.8 d	iB	1: 30 dB	Mkr1	1.780 000 GH -30.49 dB	Auto Tune	
10 dB/div Ref 30.00 dBr 20.0 10.0	m			-50.45 dBi	Center Free 1,78000000 GH	
-100 -100 -200	month			Deret-130	Start Free 1.779000000 GH	
-40.0 -50.0		2 Mariana	-	m	Stop Free 1.781000000 GH	
Start 1.779000 GHz #Res BW 100 kHz	#VBW 300 k			top 1.781000 GH .000 ms (1001 pt		
2 3 4 5	1,780 000 GHz -30.45	i dBm			Freq Offse 0 H	
6 7 8 9 9 10 11					Scale Type	
e Calin			=r=res	· · · ·		

#### LTE\Band66 10MHz QPSK 50 0 LowCH132022-1715

Average Se	123								
	reg 1.71	0000000 GH	ND: Wide	Trig Free R	Ave	Type: Log-Pwr		Frequency	
10 dB/div	Ref Offs Ref 30.	et 13.8 dB .00 dBm	GeniLow	#Atten: 30 d	0	Auto Tune			
20.0									Center Free 1.710000000 GH
100 -100 -200 -200					min			DLT-12/00-0Dm	Start Free 1.709000000 GH
40.0	_	-							Stop Free 1.711000000 GH
	9000 GH 100 kHz		#VBV	V 300 kHz	EURITOR		Stop 1.711 1.000 ms (*	1001 pts)	CF Step 200.000 kH Auto Ma
T N	,	1.710.00	0 GHZ	-30,42 dBm					Freq Offse 0 H
2 3 4 5 6 7 7 8 9 10 11									Scale Type
4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2						SYNTU.	5		

#### LTE\Band66 10MHz QPSK 50 0 HighCH132622-1775

Frequency	ADE 1 2 3 4 5 8 VPC A WWWWW DET A N N N N	pe: Log-Pwr	Ave	ee Run 30 dB	1	Z D/ Wide	00000 GH	g 1.7800		Cent	
Auto Tun	000 GHz .51 dBm		Mkr1					3.8 dB	Ref Offset 1 Ref 30.00	3/div	10 de
Center Fre											20.0
Start Fre 1.779000000 GH	Dis-istadon		-		1		man				100
Stop Fre 1.78100000 GH					-				-		30.0. 40,0. 50,0. 60,0.
CF Ste 200.000 kH	81000 GHz (1001 pts)				iz	/ 300 kH	#VBV		000 GHz 00 kHz		Star
<u>AUTO</u> Mia	TEM WALKE	EUNIC	UNLIGNMENT	HUNDTION	dBm	-30.51	GHz	1.780 000	1	N	
Freq Offs 0 F										-	2345
Scale Type					-						6 7 8 9
og L					-+-		-				10

#### LTE\Band66_15MHz_QPSK_1_0_LowCH132047-1717.5

	111 04 39 AM No. 11 2018		-				At - 20 G		i fai
Frequency	TRACE 1 2 3 4 5 5 TIPE A NINNIN	ype: Log-Pwr	Ave	Trig: Free Run	D/Wide	00000 GH	g 1.71000		
Auto Tune	1.710 000 GHz -28.22 dBm	Mkr1		#Atten: 30 dB	SeintEow	8 dB	Ref Offset 13 Ref 30.00		0 dl
Center Free 1,710000000 GH									og 20.0
Start Free 1.70900000 GH	ALD UTCH-112	reprost	North Marine	-					
Stop Free 1.711000000 GH				monter	mount		manana	~~~~	
CF Stej 200.000 kH Auto Ma	top 1.711000 GHz 000 ms (1001 pts)	S		520 kHz			000 GHz 00 kHz	-	Re
Freq Offse 0 H				-28.22 dBm	GHZ	1.716.000	r	N	
Scale Type									2345678901
		STATUS		~					

#### LTE\Band66_15MHz_QPSK_1_74_HighCH132597-1772.5

0.2.2	121-05:05 AM Nov 21, 2019	_					m 34	Hand and - South	NUMBER OF STREET
Frequency	TRACE 1 2 3 2 5 5 TRACE 1 2 3 2 5 5 TREE & WWWWW	Type: Log-Pwr		Rur		Z Dr Wide	0000 GH		
Auto Tur	1.780 000 GHz -28.06 dBm	Mkr1		Q qB	#Atten: 3	aintEow	aris 8 dB	f Offset 13.	
Center Free	-28.00 0.00			1			Bm	ef 30.00 d	B/div F
Start Free	DL1-1070-DM			1-	PRATION.	warma.	my		
Stop Fre	100 000 - 010 100 - 010 - 010 100 - 010 - 010 - 010 100 - 010 - 010	analayan ayaana	reven	they.			_		0, 21 0
CF Ste 200.000 kH Auto Ma	top 1.781000 GHz 000 ms (1001 pts)	S		•	620 kHz				art 1.7790 es BW 20
Freq Offse	FUNCTION WALLE	EUVECEWWEITE	RUNCTIO	Bm.	-28.05 dB	GHz	1,780,000		N
0 H						-			
Scale Type									
_		TADIS							

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#### LTE\Band66_15MHz_QPSK_75_0_LowCH132047-1717.5

Manager Then P	Trauch Mar			and and					South Space	1
406 137254	Log-Pwr	Ave Typ	Run	Trig Fre	PND: Wide -					
000 GHz	Ref Offset 138 dB Mkr1 1.710 000 GH 10 dB/div Ref 30.00 dBm -29.05 dBn									
										20.0 10.0
ALL OF COLOR		north and	man	•1						0.00 -90.0 -20.0 -30.0
										40,0 50,0
(1001 pts)	000 ms	weep 1.			N 620 kHz	#VB		200 kHz	s BW 2	#Re
TC W WALKE	FUNCT				-29.05 d	DOO GHZ	1.710	1	N	234
										5 6 7 8 9 10
	000 GHz 005 dBm 10000 GHz 1000 GHz 10000 GHz (1001 pts)	-29.05 dBm	** Log-Pwr         ************************************	Avg Type Log-Pwr Mkr1 1.710 000 GHz -29.05 dBm -29.05 dBm -29.	Avg Type: Log-Pver	Myg Type Log-Per The List as a second	GH2         Trig Free Run PROWIG: 12 45 50 00         Avg Type Log-Ner MKr1 1,710 000 GH2 -29,05 dBm           Mkr1 1,710 000 GH2 -29,05 dBm         -29,05 dBm           WW 520 kHz         Stop 1,711000 GHz Sweep 1,000 ms (1001 pt)	Bit Control         Contro         Control <thcontrol< th=""></thcontrol<>	Bit O Construction         Constru	Ref Offset 13.8 dB         Mikr1 1.710 000 00 GHz           Badw         Ref 000 000 00 GHz           1.709000 GHz         Trig: Free Run           1.709000 GHz         Stop 1.711000 GHz           1.709000 GHz         Stop 1.711000 GHz

#### LTE\Band66_15MHz_QPSK_75_0_HighCH132597-1772.5

PND: Wide	Trigi Free Run Trigi Free Run Avg Type: Log-Per Trigi Free Run Trigi Avg Name Trigi Avg Navg Navg Name Trigi Avg Navg Name Trigi Avg Name Trigi Avg Na			
set 13.8 dB	#Atten: 30 dB	Mkr1		Auto Tune
				Center Fre 1.780000000 GH
	inemia.		pet-toto-dbn	Start Fre 1.779000000 GH
		*******	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Stop Fre 1.781000000 GH
	and the second sec	Sweep 1	.000 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
1.780 000 GHz	-30.22 dBm			Freq Offse
				Scale Typ
	B0000000 GHz HPO/Wile HCollector HZ z #VI	S0000000 GH2 Information     Trig Free Run Material Carlo       Trig Free Run Material Carlo     Trig Free Run Material Carlo       test 138 dB 0.00 dBm     Information Carlo       www.monuneuro     Information Carlo       Hz     #VBW 620 kHz	BODODODO GHZ     Trig: Fixe Rum     HCamb.Low     Trig: Fixe Rum     KAten. 20 dE     MKr1     MKr1     MKr1     MKr1     KAten. 20 dE     MKr1     MKr1     KAten. 20 dE     KAten. 20 d	800000000 GHz Historican         Trige FraneRum #Arten: 30 dB         Avg Type Log-Perr Historican         Initial (12.37 as a historican           bet 138 dB         Mkr1 1.780 000 GHz -30.22 dBm         -30.22 dBm           www.missorican         -30.00 GHz           wwww.missorican         -30.00 GHz           www.missorican         -30.00 G

#### LTE\Band66 20MHz QPSK 1 0 LowCH132072-1720

Avguight Spattournerson				And shares and shares a subscription of					
Center Freq 1.7	10000000 GHz	Trig: Free Run	Avg Type: Log-Pwr	THACE 1 2 3 4 5 5 THE A WANTER A	Frequency				
	Ref Offset 138 dB Mkr1 1.710 000 GHz dB/div Ref 30.00 dBm -24.99 dBm								
20.0 10.0		_		/	Center Fred 1.710000000 GH;				
-10.0 -20.0 -20.0		1 martin Wat	b address Magazine	543+13703-00h	Start Fred 1.709000000 GH				
40.0 50.0 60.0		Mara .			Stop Free 1.711000000 GH				
Start 1.709000 Gi #Res BW 300 kHz	z #VBW			op 1.711000 GHz 00 ms (1001 pts)	CF Ster 200.000 kH Auto Ma				
7 N 1 T 2 3 4 5	1.710.000 GHz	-24.99 dBm			Freq Offse 0 H				
2 3 4 5 6 6 7 7 8 9 9 10 11					Scale Type				
eika)			SIMIRE		-				

#### LTE\Band66_20MHz_QPSK_1_99_HighCH132572-1770

Frequency	102:42 AM Not 11, 2018	Log-Pwr	Ave Type	e Puin	1 and a	Hz ND: White	000000 G		PL I		
Auto Tune	780 000 GHz -28,54 dBm	Ref Offset 13.8 dB28.54 dBr dB/div Ref 30.00 dBm -28.54 dBr									
Center Fre								Rei Jo.o	0.0		
Start Fre 1.779000000 GH	D2.9-4 3700 4D-4			.1	www.	Mananan	Callen Warner		0.0		
Stop Fre 1.78100000 GH	nto oscile tat	www.www.	Station .	. And Arda	- Saye						
CF Ste 200.000 kH	0 1.781000 GHz 0 ms (1001 pts)			-	/ 1.0 MHz	#VBV		9000 GHz 300 kHz	tart 1.77		
Freq Offse					-28.54 df	IO GHZ	1.780 00	1	2 3 4 5		
Scale Typ									6 7 8 9		

#### LTE\Band66_20MHz_QPSK_100_0_LowCH132072-1720

Auguspit Spathourt in					
	710000000 GHz PND/Wide -	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 8 TIPE A WWWWW	Frequency
0 dB/div Ref	IFGeintLow Offset 13.8 dB 30.00 dBm	#Atten: 40 0E	Mkr1	1.710 000 GHz -28.42 dBm	Auto Tune
og 20.0					Center Free 1.710000000 GH
0.0 0.0 0.0		•1	-	1500 AM	Start Fre 1,709000000 GH
0(0) 0(0) 0(0)					Stop Free 1.711000000 GH
tart 1.709000 Res BW 300 k		W 1.0 MHz	S Sweep 1.	top 1.711000 GHz 000 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
NIT	1.710 000 GHz	-28.42 dBm			Freq Offse 0 H
2 3 4 5 7 7 8 9 9					Scale Type
((i · · · · ·	1	~	+ +		
100			=iwinz		

#### LTE\Band66_20MHz_QPSK_100_0_HighCH132572-1770

022		_			_		theart-Anny/an - S	
Frequency	TRACE 1 2 7 8 5 1 TRACE 1 2 7 8 5 1 TRACE 1 2 7 8 5 1	Type: Log-Pwr	A	Trig: Free Run	tz 40: Wide -+-	00000 GH	eq 1.7800	Center F
Auto Tun	1.780 000 GHz	Mkr1		#Atten: 30 dB	SeiniLow	3.8 dB	Ref Offset	-
	-24.14 dBm					dBm	Ref 30.00	0 dB/div
Center Free 1,78000000 GH		-		-				20.0
Start Free	DL3-1000-00m	-					-	100
1.779000000 GH						min	~	20.0
Stop Fre		-	-				-	40(8)
1.78100000 GH								60,0 60,0
CF Step 200.000 kH	top 1.781000 GHz 000 ms (1001 pts)	Sweep 1.		1.0 MHz	#VBW		9000 GHz 300 kHz	Res BW
Auto Ma	FUNCTION WALLE	FUNCTERWEITH	RUNCTION	-24.14 dBm	CH2	1.780 00		
Freq Offse 0 H				-24.74 4070	v one	1.769.99		2 3 4 5 6 7 8 9
Scale Type				_	-			6 7 8
Log Li								10
		Tatus						901

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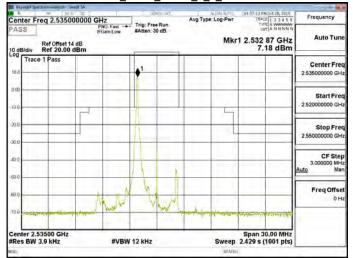


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#### Emission Mask Band7_5MHz_QPSK_1_0_CH20775

Faying 11 Spee	anningte Sur	178 S.A.					Arrida		
Center Freq 2.502500000 GHz PASS PRO Fest FGainLow 10 dB/div Ref Offset 14 dB Ref Offset 14 dB		1			Log-Pwr	TRAC	M.Oct 28, 2019	Frequency	
		#Atten: 3			Mkr	kr1 2.500 28 GHz 7.43 dBm		Auto Tune	
10.0 Trace	1 Pass		•1						Center Free 2.502500000 GHa
10 00						5			Start Free 2,487500000 GH
30.0	-		1						Stop Free 2.517500000 GH:
400				1					CF Ster 3.000000 MH Auto Mar
80.0		h. Ju	1	N		1			Freq Offse 0 H
70.0	THE REAL PROPERTY OF			AN P	and forest		ent-	-	1
Center 2.5 #Res BW 3		#VB	W 12 kHz		1	Sweep		0.00 MHz (1001 pts)	
MERES						ayamı			

#### Band7_5MHz_QPSK_1_0_CH21100



#### Band7_5MHz_QPSK_1_0_CH21425

Center Freq 2.567500000 GHz PNO: Fast + Trig: Free Run #Atten: 30 dB Frequency Avg Type: Log-Pwr 5 PN 0ct 25, 2029 TACE 1 2 3 4 5 1 TIPE A WWWWW OPT A NINNI Auto Tur Mkr1 2.565 31 GHz 6.61 dBm Ref Offset 14 dB Ref 20.00 dBm 10 di Trace 1 Pass Center Free 2.567500000 G Start Fre 2.552500000 GH Stop Free 2.582500000 GH CF Step 3.00 M Freq Offse OH Center 2.56750 GH Res BW 3.9 kHz Span 30.00 MHz Sweep 2.429 s (1001 pts) #VBW 12 kHz

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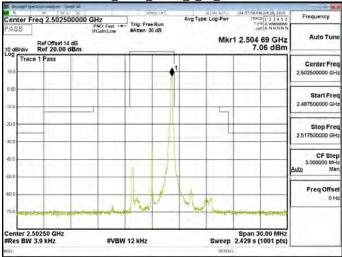
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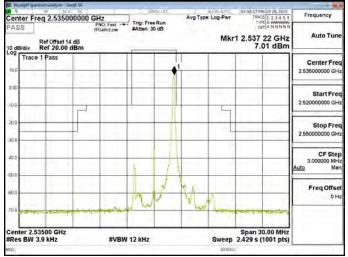
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SGS Taiwan Ltd.

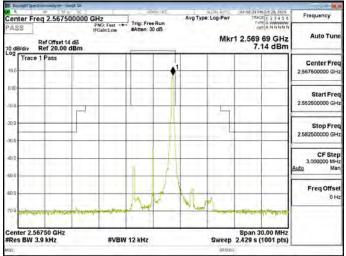
Band7_5MHz_QPSK_1_24_CH20775



#### Band7_5MHz_QPSK_1_24_CH21100



#### Band7_5MHz_QPSK_1_24_CH21425



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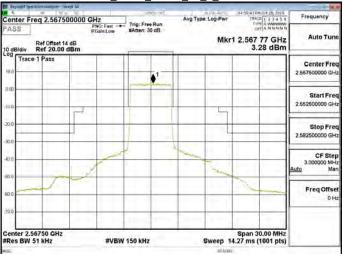
#### Band7_5MHz_QPSK_25_0_CH20775

Feyngelt See 2 with weight 34					
Center Freq 2.502500000 G	Hz	(N): 6960	Avg Type: Log-Pwr	04-55:00 PM Oct 28, 2029 TRACE 1 2 3 4 5 6	Frequency
PASS PNO: Fast -+- IFGainLow 10 dB/div Ref Offset 14 dB Ref 20.00 dBm		Trig: Free Run #Atten: 30 dB	Mkr	1 2.502 68 GHz 3.70 dBm	Auto Tune
Ino		-			Center Fred 2.502500000 GH
10.0					Start Free 2,487500000 GH
300					Stop Fre 2.517500000 GH
40.0 20.0	-		hand		CF Ste 3.000000 MH Auto Ma
800				-	Freq Offse 0 H
70.0		-			
Center 2.50250 GHz #Res BW 51 kHz	#VBW	150 kHz	Sweep 1	Span 30.00 MHz 4.27 ms (1001 pts)	

#### Band7_5MHz_QPSK_25_0_CH21100



## Band7_5MHz_QPSK_25_0_CH21425



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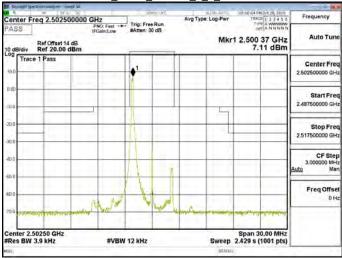
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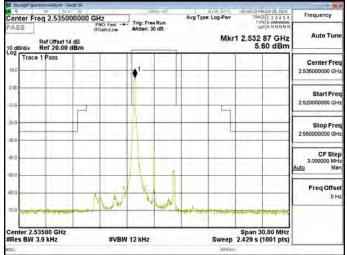
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「古肉酸酸和	1 衣成伤角	限公司

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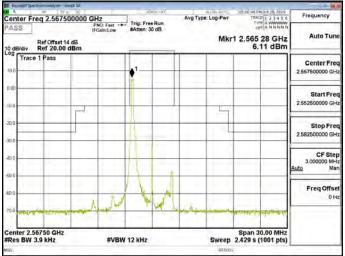
Band7_5MHz_16QAM_1_0_CH20775



#### Band7_5MHz_16QAM_1_0_CH21100



#### Band7_5MHz_16QAM_1_0_CH21425



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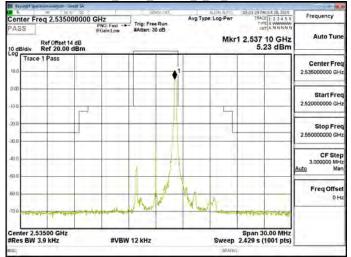


# Report No.: E2/2019/90045 Page 233 of 645

#### Band7_5MHz_16QAM_1_24_CH20775

Feyngill Spectrum	wardyter Swept S	A			in the		LIGN ALTO	05-01-08 PM Oct 28, 2019	
Ref Offset 14 dB		Avg T		Avg Type		TRACE 1 2 3 4 5 5	Frequency		
					Mkr1 2.504 66 GHz 6.03 dBm		Auto Tun		
og Trace 1	Pass				•				Center Fre 2.502500000 GH
00		_					5		Start Fre 2,487500000 GH
0.0									Stop Fre 2.517500000 GH
00 20				1					CF Ste 3.000000 Mi Auto Mi
0.0			-	-	1	Mar	1		Freq Offs
Center 2.502		- Miles	#VBW	12 kHz		- cet	Sweep	Span 30.00 MHz 2.429 s (1001 pts)	
HRES DW J.9	KHZ		#ADIA	12 882			avan	2.429 S (1001 pts)	

#### Band7_5MHz_16QAM_1_24_CH21100



#### Band7_5MHz_16QAM_1_24_CH21425

Center Freq 2.567500000 GHz FNO: Fast + Trig: Free Run #Atten: 30 dB Frequency Avg Type: Log-Pwr Auto Tur Mkr1 2.569 60 GHz 6.27 dBm Ref Offset 14 dB Ref 20.00 dBm 10 dB/div Trace 1 Pass Center Free 2.567500000 GH Start Fre 2.552500000 GH Stop Free 2.582500000 GH CF Step m 3.00 M Freq Offse OH Center 2.56750 GH Res BW 3.9 kHz Span 30.00 MHz Sweep 2.429 s (1001 pts) #VBW 12 kHz

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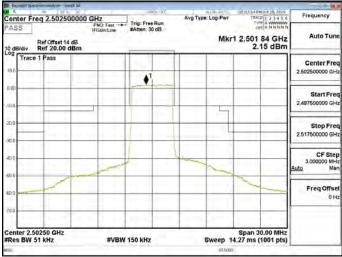
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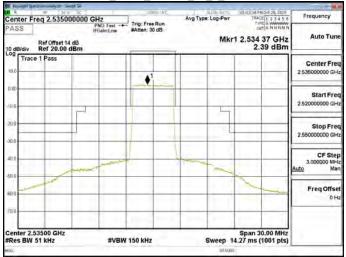
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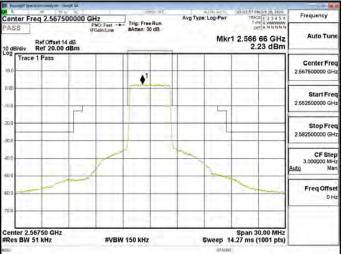
Band7_5MHz_16QAM_25_0_CH20775



#### Band7_5MHz_16QAM_25_0_CH21100



#### Band7_5MHz_16QAM_25_0_CH21425



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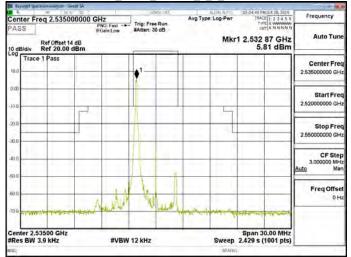


# Report No.: E2/2019/90045 Page 234 of 645

#### Band7_5MHz_64QAM_1_0_CH20775

Feyngill Spectrums	andyter Swept SA	r	5-24	es int		ALIGN AUTO			
Center Freq 2.502500000 GHz PASS PRO Fast FGainLow 10 dB/div Ref 20.00 dBm		Avg			Type: Log-Pwr TRACE 1 2 3		123456	45.6 Frequency	
		PNQ: Fast	#Atten: 30 dB			Mkr1 2.500 31 GHz 5.48 dBm		31 GHz	Auto Tune
100 Trace 1 P	ass		¢1						Center Free 2.502500000 GH
10 0		_				5			Start Fre 2,487500000 GH
20,0									Stop Fre 2.517500000 GH
£00				ħ					CF Ste 3.000000 MH Auto Ma
£D Q			1						Freq Offse 0 H
Center 2.5025	0 GHz		12 kHz	There is	190 ⁻¹ -0	Sweep	Span 3 2.429 s (	0.00 MHz 1001 pts)	
etida .						ayam	and the second second	prof	

#### Band7_5MHz_64QAM_1_0_CH21100



#### Band7_5MHz_64QAM_1_0_CH21425

Center Freq 2.567500000 GHz FNC: Fast ++ Trig: Free Run #Atten: 30 dB Frequency Avg Type Log-Pwr 1 PM Oct 25, 2029 TACE 1 2 3 4 5 1 TIPE A WWWWW OFT A NINNI Auto Tur Mkr1 2.565 37 GHz 4.72 dBm Ref Offset 14 dB Ref 20.00 dBm 10 di Trace 1 Pass Center Free 2.567500000 G Start Fre 2.552500000 GH Stop Free 2.582500000 GH CF Step 3.00 M Freq Offse OH Center 2.56750 GH Res BW 3.9 kHz Span 30.00 MHz Sweep 2.429 s (1001 pts) #VBW 12 kHz

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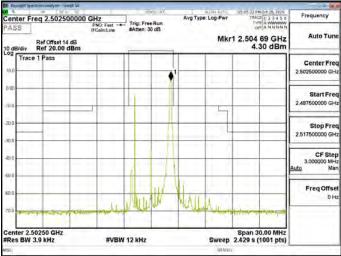
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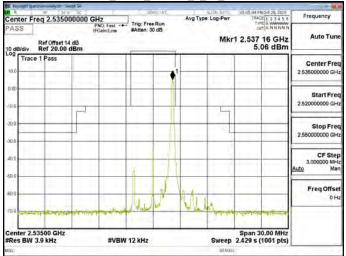
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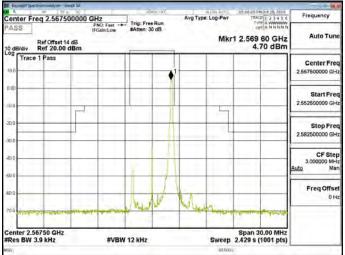
Band7_5MHz_64QAM_1_24_CH20775



#### Band7_5MHz_64QAM_1_24_CH21100



#### Band7_5MHz_64QAM_1_24_CH21425



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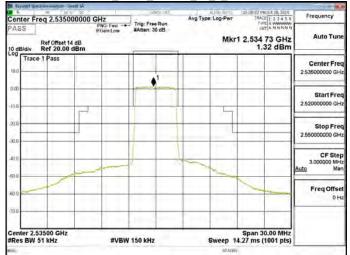


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#### Band7_5MHz_64QAM_25_0_CH20775

	05-07 41 PM Oct 28, 2019	ALIGN AUTO		101			UI 54	Inniedyte Se	Feynigilt Sem
Frequency	TRACE 1 2 3 4 5 6	e Log-Pwr	Avg			z	0000 GH	eq 2.50250	Center Fr
Auto Tune		Mkr1 2.503 31 GHz 1.61 dBm			PNO: Fast Trig: Free Run IFGainLow #Atten: 30 dB		ASS PN0: Fast +++		
Center Fre 2.502500000 GH				↓ ¹				1 Pass	10.0 Trace
Start Fre 2,487500000 GH		5							10.00
Stop Fre 2.517500000 GH								-	30.0
CF Ste 3.000000 MH Auto Ma			-		-	-			40.0
Freq Offse	~		-					17	80.0
				-	1				70.0
	Span 30.00 MHz .27 ms (1001 pts)	Sweep 14		1	150 kHz	#VBW			Center 2.5 #Res BW
	and the second	STAME						3 - 11 - 1	WID.

#### Band7_5MHz_64QAM_25_0_CH21100



#### Band7_5MHz_64QAM_25_0_CH21425

Center Freq 2.567500000 GHz PNO: Fast #Atten: 30 dB. Frequency Avg Type: Log-Pwr Auto Tur Mkr1 2.568 67 GHz 1.66 dBm Ref Offset 14 dB Ref 20.00 dBm 10 di Trace 1 Pass Center Free 2.567500000 G 41 Start Fre 2.552500000 GH Stop Fre 2.582500000 GH CF Step 3.00 Mi Freq Offse OH Center 2.56750 GH Res BW 51 kHz Span 30.00 MHz Sweep 14.27 ms (1001 pts) #VBW 150 kHz

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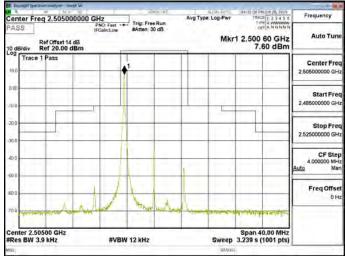
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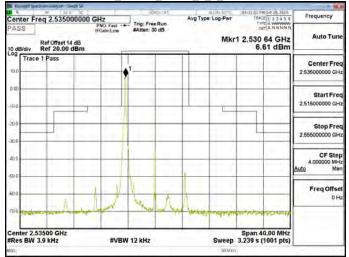
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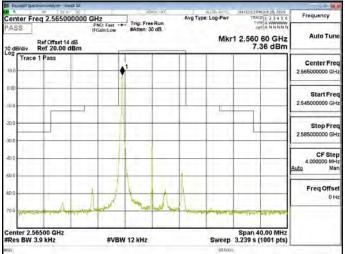
Band7_10MHz_QPSK_1_0_CH20800



#### Band7_10MHz_QPSK_1_0_CH21100



#### Band7_10MHz_QPSK_1_0_CH21400

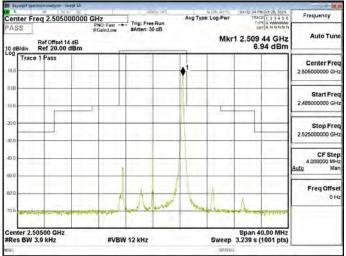


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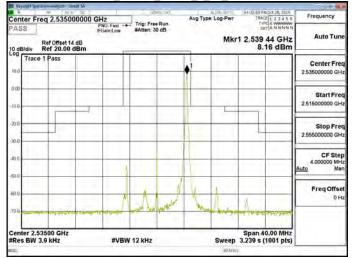


# Report No.: E2/2019/90045 Page 236 of 645

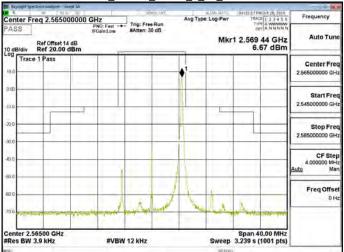
#### Band7_10MHz_QPSK_1_49_CH20800



#### Band7_10MHz_QPSK_1_49_CH21100



#### Band7_10MHz_QPSK_1_49_CH21400



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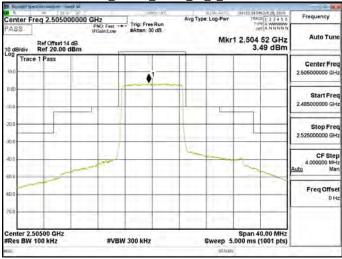
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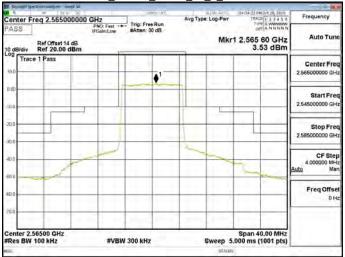
Band7_10MHz_QPSK_50_0_CH20800



#### Band7_10MHz_QPSK_50_0_CH21100



#### Band7_10MHz_QPSK_50_0_CH21400



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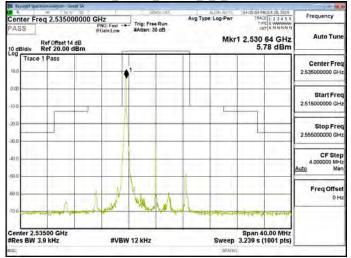


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#### Band7_10MHz_16QAM_1_0_CH20800

Center Freq 2.50500 PASS	0000 GHz	10 M(01.1N)	M. [GM. 41]	TO 04434-43 PM Oct 28, 2019	
2269		Trig: Free Run	Avg Type: Log-P	WF TRACE 1 2 3 4 5	5 Frequency
Ref Offset 14 0 dB/div Ref 20.00 d	PNO: Fast ++ IFGain:Low dB. Bm	#Atten: 30 dB	N	1kr1 2.500 52 GH: 6.79 dBn	Auto Tun
10.0 Trace 1 Pass		,1			Center Fre 2.505000000 GH
10.0					Start Fre 2.485000000 GH
20.0					Stop Fre 2.525000000 GH
£0.0			<u>x</u> =		CF Ste 4.000000 MH Auto Ma
60.0			X		Freq Offse
.70.0	the last	man bard hard high	and subserves	e-ital and the party of	
Center 2.50500 GHz #Res BW 3.9 kHz	#VBM	12 kHz		Span 40.00 MH ep 3.239 s (1001 pts	

#### Band7_10MHz_16QAM_1_0_CH21100



#### Band7_10MHz_16QAM_1_0_CH21400

Center Freq 2.565000000 GHz FNC: Fast ++ Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr Frequency Auto Tur Mkr1 2.560 60 GHz 6.34 dBm Ref Offset 14 dB Ref 20.00 dBm 10 dE Trace 1 Pass Center Free Start Fre 2.545000000 GH Stop Free 2.585000000 GH CF Step -10 4.00 M Freq Offse OH 41 Center 2.56500 C Res BW 3.9 kHz DO CH Span 40.00 MHz Sweep 3.239 s (1001 pts) #VBW 12 kHz

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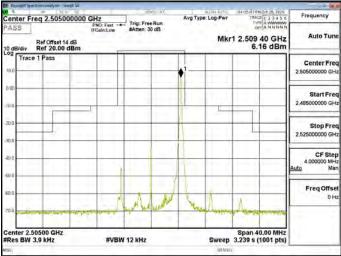
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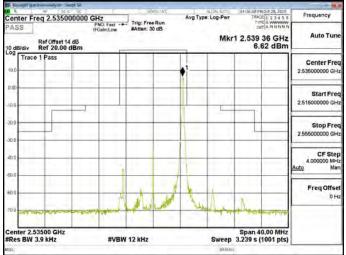
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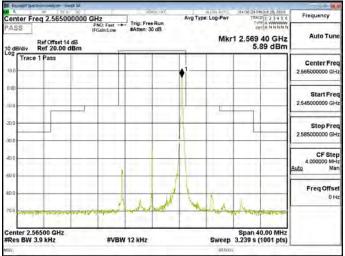
Band7_10MHz_16QAM_1_49_CH20800



#### Band7_10MHz_16QAM_1_49_CH21100



#### Band7_10MHz_16QAM_1_49_CH21400



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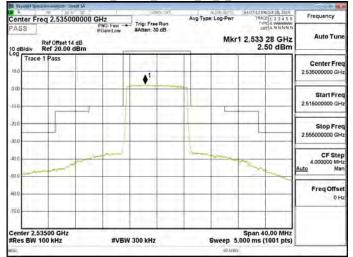


# Report No.: E2/2019/90045 Page 238 of 645

#### Band7_10MHz_16QAM_50_0_CH20800

							ndi 24	annindyte Se	igH Sema	Fill For
Frequency	TRACE 1 2 3 4 5 6		Aug Type: Log-Pwr	>=1N7]	late and	z	00000 GH	eq 2.5050	er Fre	
Auto Tune	2.503 28 GHz 2.48 dBm	kr1 2	Mkr		Trig: Free #Atten: 30	VO: Fast	dB	ASS Ref Offset 14 Ref 20.00 c		
Center Freq 2.505000000 GHz				-				1 Pass	Trace	uno
Start Freq 2,485000000 GHz						-				0.00 -10.0
Stop Freq 2.525000000 GHz										30.0
CF Step 4.000000 MH: Auto Mar	-	-								400
Freq Offset 0 Ha									-	80.0
	ipan 40.00 MHz	s	-					0500 GHz	er 2.50	Cent
	0 ms (1001 pts)	5,00	Sweep		300 kHz	#VBW		IOO kHz	BW 1	#Res

#### Band7_10MHz_16QAM_50_0_CH21100



#### Band7_10MHz_16QAM_50_0_CH21400

Center Freq 2,565000000 GHz PNO: Fast #Atten: 30 dB. Frequency Avg Type: Log-Pwr Auto Tur Mkr1 2.567 76 GHz 2.57 dBm Ref Offset 14 dB Ref 20.00 dBm 10 dE Trace 1 Pass Center Free • Start Fre 2.545000000 GH Stop Fre 2.585000000 GH CF Step M Freq Offse OH Center 2.56500 G Res BW 100 kHz Span 40.00 MHz Sweep 5.000 ms (1001 pts) #VBW 300 kHz

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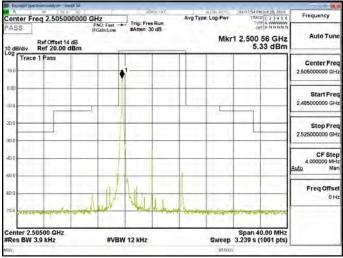
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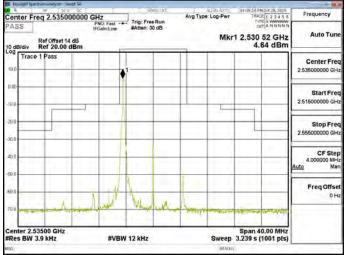
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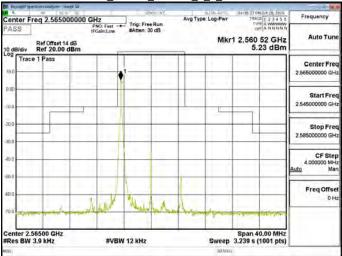
Band7_10MHz_64QAM_1_0_CH20800



#### Band7_10MHz_64QAM_1_0_CH21100



#### Band7_10MHz_64QAM_1_0_CH21400



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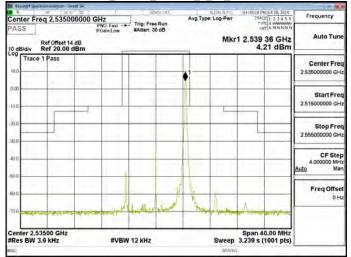


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#### Band7_10MHz_64QAM_1_49_CH20800

	HEIRES & PM Oct. 26, 2029	L. Turns		-		*	_	inept SA	unisalyte	işilt Şemilin	ME For
Frequency	TRACE 1 2 3 4 5 6	Avg Type: Log-Pwr		Trig: Free Run		-	GHz	000000	er Fred	Center Fr PASS 10 dB/div	
Auto Tune	Mkr1 2.509 44 GHz 5.24 dBm			dB	#Atten: 30	Fast -	PNQ: F IFGaind	4 dB dBm	R		
Center Fred 2.505000000 GH:			•1						1 Pass	Trace 1	10.0
Start Free 2.485000000 GH											10.00
Stop Free 2.525000000 GH									i je		20.0
CF Step 4.000000 MH Auto Mar											400
Freq Offse 0 H			6	and a							80.0
	Span 40.00 MHz 239 s (1001 pts)				12 kHz	#VBW		ar ar	500 GHz	er 2.50	Cent
		AYAMI									veice

#### Band7_10MHz_64QAM_1_49_CH21100



#### Band7_10MHz_64QAM_1_49_CH21400

Frequency Avg Type Log-Pwr Auto Tur Mkr1 2.569 44 GHz 5.15 dBm Ref Offset 14 dB Ref 20.00 dBm 10 dB/div Trace 1 Pass Center Free Start Fre 2.545000000 GH Stop Fre 2.585000000 GH CF Step m 4.00 M Freq Offse OH DO CH Span 40.00 MHz Sweep 3.239 s (1001 pts) Res BW 3.9 kHz #VBW 12 kHz

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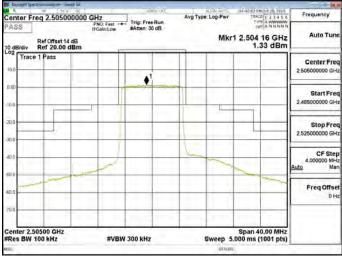
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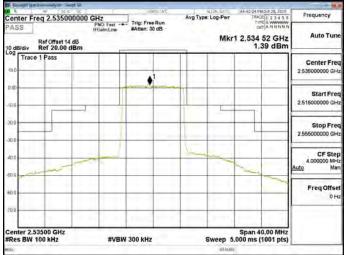
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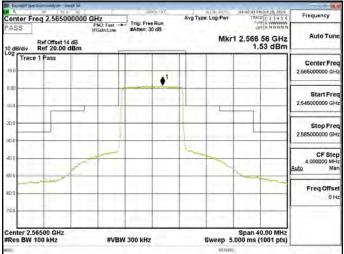
Band7_10MHz_64QAM_50_0_CH20800



#### Band7_10MHz_64QAM_50_0_CH21100



#### Band7_10MHz_64QAM_50_0_CH21400



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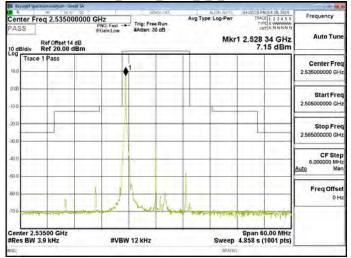


# Report No.: E2/2019/90045 Page 240 of 645

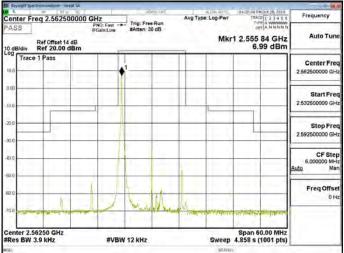
#### Band7_15MHz_QPSK_1_0_CH20825

Faynigilt Spectrum	nadyte int	pt SA							-	
Center Freq	2 50750	0000 GH	17	1	(a)w(s) (1N7)		Avg Type: Log-Pwr		TRACE 1 2 3 4 5 5 TRACE 1 2 3 4 5 5 TITE A WWWW OCT A NNNNN	
PASS	Ref Offset 14 dB Ref 20.00 dBm		NO: Fast - Gain:Low	#Atten	ree Run : 30 dB	_	Mkr	A		
10.0	Pass	-		•1	-					Center Freq 2.507500000 GHz
10.0		_								Start Free 2,477500000 GH:
-20.0										Stop Fred 2.537500000 GH2
-40.0				-		1			-	CF Step 5.000000 MH Auto Mar
80.0				1	10	-				Freq Offse 0 H
70.0	Constant of	-A	-	the	and	Sal plansas		of soly	resident to	
Center 2.5075 #Res BW 3.9			#VB	W 12 KH	2	-	Sweep	Span 60 4.858 s (1		
weicz							BYACE	6. C		

#### Band7_15MHz_QPSK_1_0_CH21100



## Band7_15MHz_QPSK_1_0_CH21375



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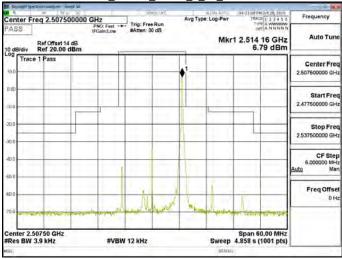
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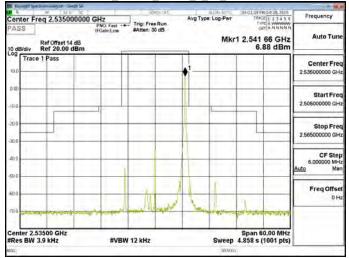
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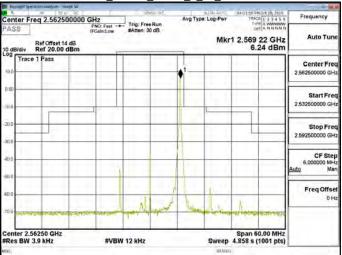
Band7_15MHz_QPSK_1_74_CH20825



#### Band7_15MHz_QPSK_1_74_CH21100



#### Band7_15MHz_QPSK_1_74_CH21375



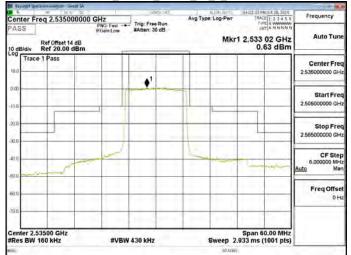


# Report No.: E2/2019/90045 Page 241 of 645

#### Band7_15MHz_QPSK_75_0_CH20825

Fayingilt Speca	aministyte in	et# 34	T	- 200	-94T	1	LIGH AUTO	04122111 PM Oct 28, 2019	
	nter Freq 2.507500000			ALC: NO		Avg Type: Log-Pwr		TRACE 1 2 3 4 5 6	Frequency
10 dB/div	Ref Offset 14 Ref 20.00	dB	VQ: Fast	#Atten: 30 d			Auto Tune		
Ino Trace	1 Pass			•1					Center Free 2.507500000 GH:
10.0		-							Start Free 2.477500000 GH
30.0									Stop Free 2.537500000 GH
40.0		1	1		_	and and a state of the state of	-	1	CF Ster 5.000000 MH Auto Ma
80.0	-				_	-			Freq Offse 0 H
70.0				100	-				
Center 2.50 #Res BW 1			#VBV	430 kHz		s	weep 2.	Span 60.00 MHz 933 ms (1001 pts)	

#### Band7_15MHz_QPSK_75_0_CH21100



## Band7_15MHz_QPSK_75_0_CH21375

Center Freq 2.562500000 GHz PNO: Fast PNO: Fast Atten: 30 dB. Avg Type: Log-Pwr Frequency A PN Oct 25, 2029 RACE 1 2 3 4 5 1 TIPE A WWWWW Auto Tur Mkr1 2.564 72 GHz 3.93 dBm Ref Offset 14 dB Ref 20.00 dBm 10 dE Trace 1 Pass Center Free ٠ Start Fre 2.532500000 GH Stop Free 2.592500000 GH CF Step 10 6.00 Mi Freq Offse OH Center 2.56250 GH Res BW 160 kHz Span 60.00 MHz Sweep 2.933 ms (1001 pts) #VBW 430 kHz

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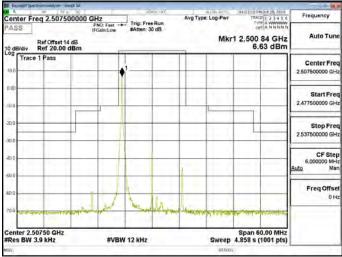
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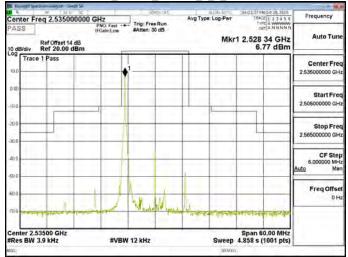
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「古肉酸酸和	1 衣成伤角	限公司

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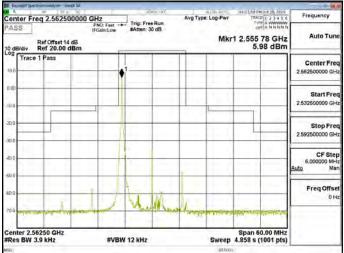
Band7_15MHz_16QAM_1_0_CH20825



#### Band7_15MHz_16QAM_1_0_CH21100



#### Band7_15MHz_16QAM_1_0_CH21375



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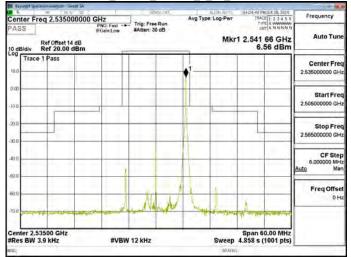


# Report No.: E2/2019/90045 Page 242 of 645

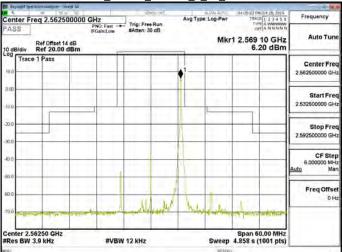
#### Band7_15MHz_16QAM_1_74_CH20825

	04:24:19 PM Oct 28, 2029	NIGN ALTO		Sector.	1 2	r		ment 34	Sumaryte S	Feynget Se
Frequency	TRACE 1 2 3 4 5 6	Avg Type: Log-Pwr		5			GHz	eq 2.5075	Center F	
Auto Tune	the second s	Mkr1 2.514 10 GHz 6.29 dBm				ast	PNQ: Fi IFGain:1	4 dB dBm	PASS 10 dB/div	
Center Free 2.507500000 GH			<b>↓</b> ¹						1 Pass	10.0 Trac
Start Fre 2,477500000 GH		t					_	-		10.00
Stop Fre 2.537500000 GH								-	-	30.0
CF Ste 5.000000 MH Auto Ma				-		- (			-	40.0
Freq Offse 0 H	1	1			ÂL)					£0.0
	Span 60.00 MHz	Sweep 4	191	read = 1	12 kHz	#VBW		WAT	0750 GHz 3.9 kHz	
-		BYANN					_			eici

#### Band7_15MHz_16QAM_1_74_CH21100



#### Band7_15MHz_16QAM_1_74_CH21375



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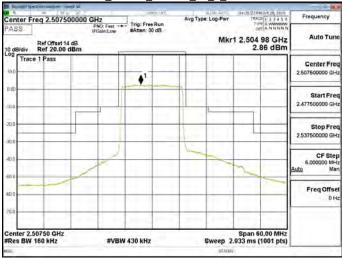
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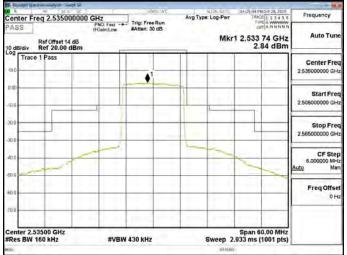
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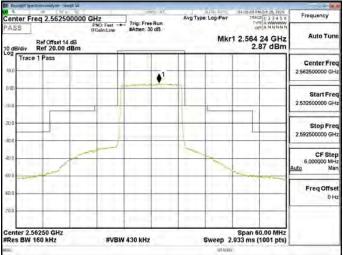
Band7_15MHz_16QAM_75_0_CH20825



#### Band7_15MHz_16QAM_75_0_CH21100



#### Band7_15MHz_16QAM_75_0_CH21375



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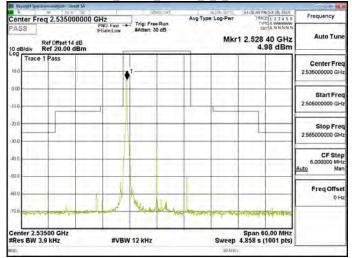


# Report No.: E2/2019/90045 Page 243 of 645

#### Band7_15MHz_64QAM_1_0_CH20825

					_	_	_	_				
	(0.4 ml 3010		MIGN AUTO		eta 1NT				ept 54	mindyte in	right Spectru	Fry
Frequency	04-26-07 PM.Oct 28, 2029 TRACE 1 2 3 4 5 6		Avg Type: Log-Pwr			100.00		Hz	er Fred	Center Fr		
11.6.5.5	ANNNN	DE			0 dB	Trig: Fre #Atten: 3		PNO: Fast Gain:Low				AS
Auto Tur	84 GHz 31 dBm	2.500	Mkr1	_			-		dB	ef Offset 14 ef 20.00 d	Idiv R	0 dB
Center Fre		1			-	dan T	Π			Pass	Trace 1	10.0
2.507500000 GH			1111				٠			1.11		10.0
Start Fre	-						Ħ	1				0.00
2,477500000 0							4	1	-	-		10.0
Stop Fre 2.537500000 GH						_	-	-		-		20.0
			1				1		1			0.0
CF Ste										1		00
6.000000 MH Auto Ma			122.0	1					12.2			
					_		11					0.0
Freq Offs				1	1	1			1		-	0.0
	the Produced	the second		TIMINA	ALL PROPERTY	Number of		-	and the second		-	70.0
		Casa 6								50 GHz		
	0.00 MHz 1001 pts)		Sweep			12 kHz	BW	#VE			BW 3.9	
			STATES									esias

#### Band7_15MHz_64QAM_1_0_CH21100



#### Band7_15MHz_64QAM_1_0_CH21375

Center Freq 2.562500000 GHz PNO: Fast Atten: 30 dB Frequency Avg Type Log-Pwr Auto Tur Mkr1 2.555 84 GHz 5.54 dBm Ref Offset 14 dB Ref 20.00 dBm 10 di Trace 1 Pass Center Free 2.562500000 G Start Fre 2.532500000 GH Stop Free 2.592500000 GH CF Step m 6.00 M Freq Offse OH Center 2.56250 GH Res BW 3.9 kHz Span 60.00 MHz Sweep 4.858 s (1001 pts) #VBW 12 kHz

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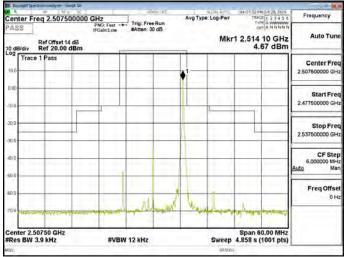
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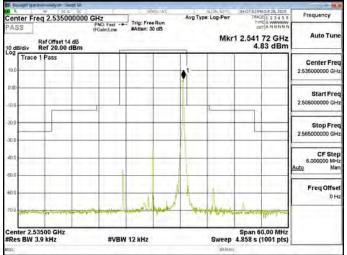
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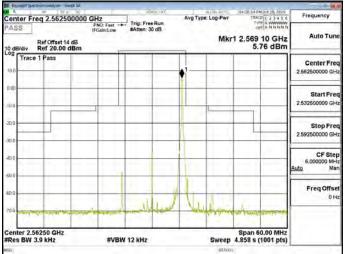
Band7_15MHz_64QAM_1_74_CH20825



#### Band7_15MHz_64QAM_1_74_CH21100



#### Band7_15MHz_64QAM_1_74_CH21375



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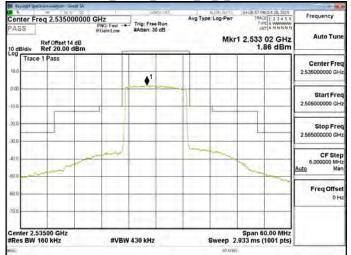


# Report No.: E2/2019/90045 Page 244 of 645

#### Band7_15MHz_64QAM_75_0_CH20825

		Transland Inc.				-	HEDT SA	annindyte S	Reynspire Specia	
Frequency	04-28 36 PM Oct 28, 2029 TRACE 1 2 3 4 5 6	Avg Type: Log-Pwr		Trig: Free Run		q 2.507500000 GHz			Center Fre	
Auto Tune	2.503 54 GHz 1.90 dBm	Mkr1		30 dB	#Atten: 3	Ref Offset 14 dB dB/div Ref 20.00 dBm			PASS	
Center Fred 2.507500000 GH								e 1 Pass	Trace	
Start Free 2,477500000 GH:		1			-		-			
Stop Free 2.537500000 GH:							-		0	
CF Step 6.000000 MH Auto Mar		-	1			1	2			
Freq Offse 0 H								-	iù	
		1			1				ō	
	Span 60.00 MHz 33 ms (1001 pts)	Sweep 2.9	1	z	430 kHz	#VBW		0750 GHz 160 kHz	enter 2.5 tes BW 1	
		STAME							6	

#### Band7_15MHz_64QAM_75_0_CH21100



#### Band7_15MHz_64QAM_75_0_CH21375

Center Freq 2.562500000 GHz FNO: Fast FNO: Fast #Atten: 30 dB Frequency Avg Type: Log-Pwr Auto Tur Mkr1 2.566 16 GHz 1.62 dBm Ref Offset 14 dB Ref 20.00 dBm 10 di Trace 1 Pass Center Free 2.562500000 G ¢1 Start Fre 2.532500000 GH Stop Free 2.592500000 GH CF Step .m 6.00 M Freq Offse OH Center 2.56250 GH Res BW 160 kHz Span 60.00 MHz Sweep 2.933 ms (1001 pts) #VBW 430 kHz

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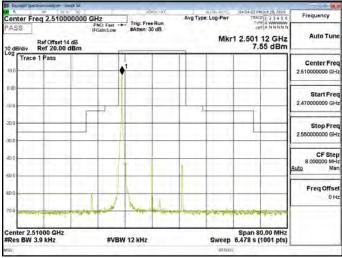
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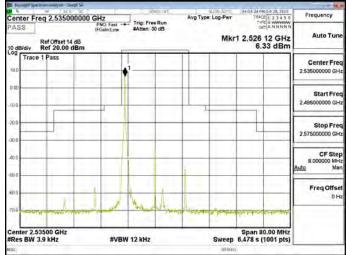
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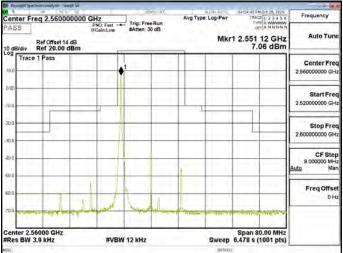
Band7_20MHz_QPSK_1_0_CH20850



#### Band7_20MHz_QPSK_1_0_CH21100



#### Band7_20MHz_QPSK_1_0_CH21350



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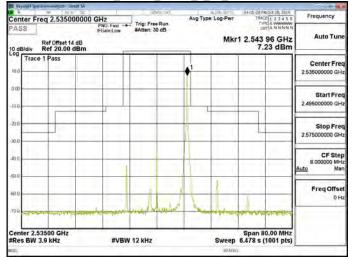


# Report No.: E2/2019/90045 Page 245 of 645

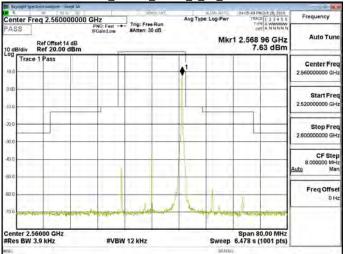
#### Band7_20MHz_QPSK_1_99_CH20850

	06 PM Oct 28, 2029	and a	N. TON AUTO	-	Sector.	1.12	r	er# 34	rannisslyte in	Feynigilt S
Frequency	TRACE 1 2 3 4 5 6	T	Log-Pwr	Avg Typ		Trig: Free	z	00000 GH	req 2.5100	Center F
Auto Tune	18 88 GHz 6.58 dBm	1 2.51	Mkr	_	) dB	#Atten: 30	Q: Fast	dB	Ref Offset 14 Ref 20.00	PASS
Center Fre 2.510000000 GH				•!					e 1 Pass	10.0 Trac
Start Fre 2,470000000 GH										10 0
Stop Fre 2.550000000 GH				1						20,0
CF Ste s.000000 MH Auto Ma										400
Freq Offse 0 H		Ĩ	1			1				80.0
	n 80.00 MHz s (1001 pts)		Sween	OT SAL	half the	12 647	#VBW	and a state	51000 GHz	100
	a (noor pra)		aveep			14 114			3.9 MIL	WHEN DIV

#### Band7_20MHz_QPSK_1_99_CH21100



#### Band7_20MHz_QPSK_1_99_CH21350



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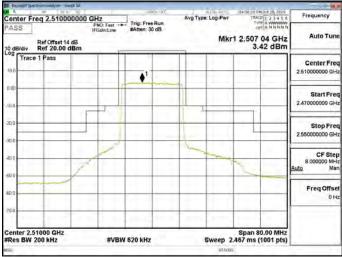
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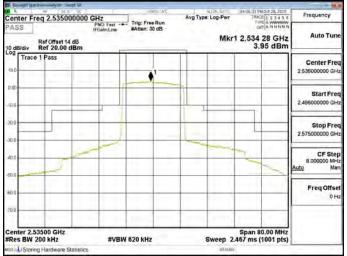
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百萬懷藏不	仅风切勿	成公司

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Band7_20MHz_QPSK_100_0_CH20850



#### Band7_20MHz_QPSK_100_0_CH21100



#### Band7_20MHz_QPSK_100_0_CH21350



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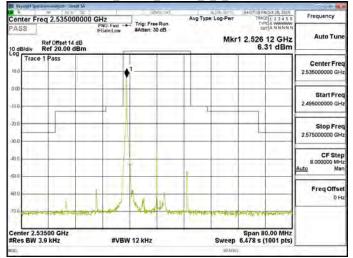


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## Band7_20MHz_16QAM_1_0_CH20850

	04 28, 2019	04-07-14 DM	NJGN ABTC		TAL ST		-	134	duministre in	Feynight Ser
Frequency	Ave Type: Log-Pwr TRACE 1 2 3 4 5 6		Avg Typ			Center Freq 2.510000000 GHz			Center F	
Auto Tune	Mkr1 2.501 04 GHz 5.70 dBm						PASS PNC: Fast +- IFGainLow Ref Offset 14 dB Ref 20.00 dBm			
Center Fre 2.510000000 GH						-	•		1 Pass	10.0 Trac
Start Fre 2,470000000 GH							,	_		10.00
Stop Fre 2.550000000 GH										0.02
CF Ste 8.000000 Mi Auto Ma				1			-			to 0 20 0
Freq Offso 0 F						-	1	-		60.0
	-	and the second second	treme		-	Topped	and a	2.77- 40	- APRIL	70 0
	0.00 MHz 1001 pts)	Span 80 6,478 s (1	Sweep	-		12 kHz	#VBW		1000 GHz 3.9 kHz	Center 2.
			BYATTEL							ATIES

## Band7_20MHz_16QAM_1_0_CH21100



## Band7_20MHz_16QAM_1_0_CH21350

Center Freq 2.56000000 GHz PNO: Fast Atten: 30 dB Frequency Avg Type: Log-Pwr Auto Tur Mkr1 2.551 12 GHz 6.01 dBm Ref Offset 14 dB Ref 20.00 dBm 10 di Trace 1 Pass Center Free Start Fre 2.520000000 GH Stop Fre 2.60000000 GH CF Step m 8.00 M Freq Offse OH Center 2.56000 G Res BW 3.9 kHz Span 80.00 MHz Sweep 6.478 s (1001 pts) #VBW 12 kHz

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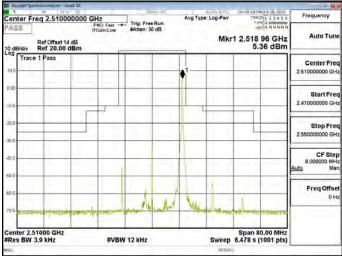
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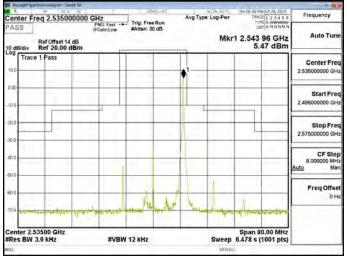
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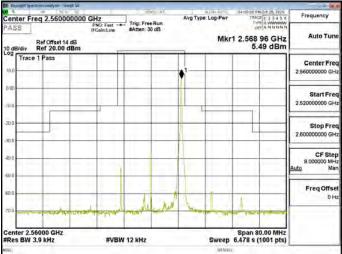
Band7_20MHz_16QAM_1_99_CH20850



#### Band7_20MHz_16QAM_1_99_CH21100



#### Band7_20MHz_16QAM_1_99_CH21350



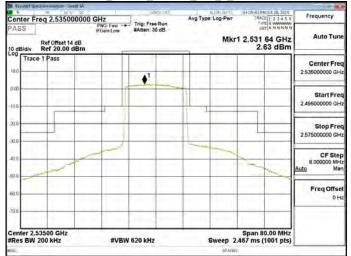


## Report No.: E2/2019/90045 Page 247 of 645

## Band7_20MHz_16QAM_100_0_CH20850

	Sector sector	-					# 54	chamicallyter Set	Formal Ser
Frequency	04:09:32 PM Oct 28, 2029 TRACE 1 2 3 4 5 6	Auton Auton	Avg Type:		7	0000 GH	eg 2.51000	Center Fr	
Auto Tune	1 2.511 20 GHz 2.55 dBm	Mkr1	Trig: Free Run #Atten: 30 dB			Center Freq 2,510000000 GH2           PASS         PNC: Fast -+ IFGainLow           Ref Offset 14 dB 10 dB/div         Ref 20.00 dBm			
Center Freq 2.510000000 GHz			-	A1				1 Pass	Trace
Start Freq 2,470000000 GHz									10.00
Stop Freq 2.55000000 GHz							-	_	20.0
CF Step 8.000000 MHz Auto Man	/	-				~	1		40.0
Freq Offset 0 Ha			+						80.0
						1.00		13	70.0
	Span 80.00 MHz 467 ms (1001 pts)	Sweep 2.			620 kHz	#VBW		1000 GHz 200 kHz	Center 2.5 Res BW
		STATIN							EID.

## Band7_20MHz_16QAM_100_0_CH21100



## Band7_20MHz_16QAM_100_0_CH21350

Center Freq 2,550000000 GHz PN: Fast Atten: 30 dB. Frequency Avg Type: Log-Pwr Auto Tur Mkr1 2.563 84 GHz 2.69 dBm Ref Offset 14 dB Ref 20.00 dBm 10 dB Trace 1 Pass Center Free 41 Start Fre 2.520000000 GH Stop Fre 2.60000000 GH CF Step 10 8 01 Ma Freq Offse OH Span 80.00 MHz Sweep 2.467 ms (1001 pts) Res BW 200 kHz #VBW 620 kHz

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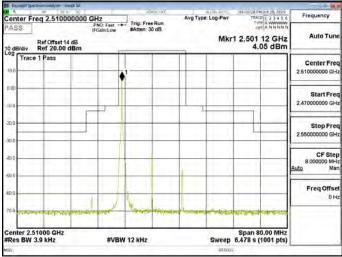
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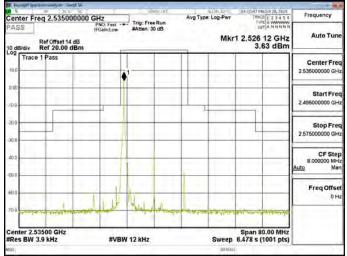
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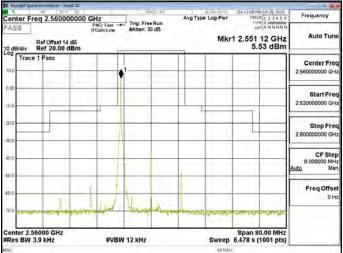
Band7_20MHz_64QAM_1_0_CH20850



#### Band7_20MHz_64QAM_1_0_CH21100



## Band7_20MHz_64QAM_1_0_CH21350



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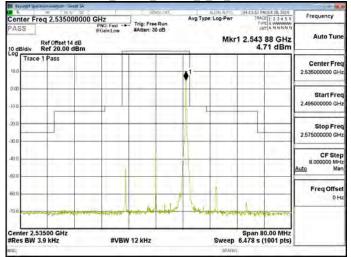


## Report No.: E2/2019/90045 Page 248 of 645

## Band7_20MHz_64QAM_1_99_CH20850

		IGN MITCH	-	s int	5.00			inept 54	Dominalyte 5	Fryngill Ser
Frequency	04:11:10 PM Oct 28, 2029 TRACE 1 2 3 4 5 6	Avg Type: Log-Pwr TRACE		51			0 GHz	00000	eq 2.5100	Center F
Auto Tun	2.518 88 GHz 4.20 dBm	Mkr1 2.518 88 GHz			#Atten: 30 dB		PASS PNO: Fest + IFGainLow 10 dB/div Ref Offset 14 dB Ref 20.00 dBm			
Center Fre 2.510000000 GH			↓ 1						1 Pass	10.0 Trac
Start Fre 2,470000000 GH		E 1					_			10 0
Stop Fre 2.550000000 GH								-	-	20.0
CF Ste 8.000000 MH Auto Ma						- 1				400
Freq Offse 0 H		1								80.0
	Span 80.00 MHz	- all the a	perton	and a state	aning a fal		-TYPE	10	1000 GHz	
	i.478 s (1001 pts)	Sweep (			12 kHz	#VBW				#Res BW

## Band7_20MHz_64QAM_1_99_CH21100



## Band7_20MHz_64QAM_1_99_CH21350

Center Freq 2.56000000 GHz PNO: Fast + Trig: Free Run #Atten: 30 dB TRACE 1 2 3 4 5 6 TRACE 1 2 3 4 5 6 TITE A WWWWW Frequency Avg Type: Log-Pwr Auto Tur Mkr1 2.568 88 GHz 3.51 dBm Ref Offset 14 dB Ref 20.00 dBm 10 dB/div Trace 1 Pass Center Free ٥ Start Fre 2.520000000 GH Stop Free 2.60000000 GH CF Step m 8.00 M Freq Offse OH Span 80.00 MHz Sweep 6.478 s (1001 pts) Res BW 3.9 kHz #VBW 12 kHz

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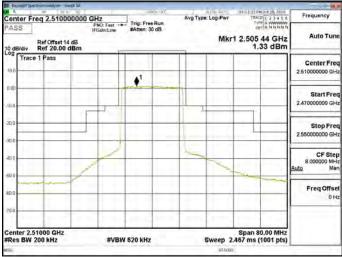
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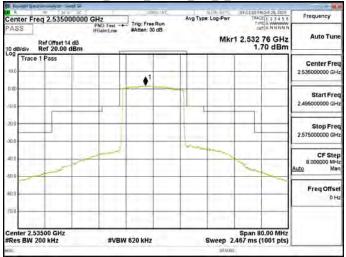
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医檀木拉皮伤 有限公司	

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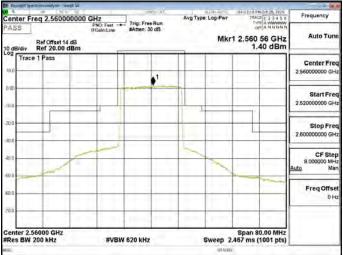
Band7_20MHz_64QAM_100_0_CH20850



### Band7_20MHz_64QAM_100_0_CH21100



## Band7_20MHz_64QAM_100_0_CH21350



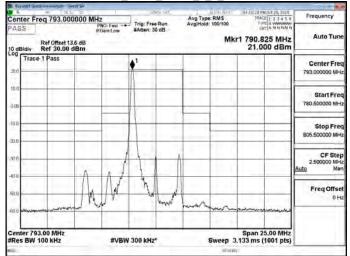


## Report No.: E2/2019/90045 Page 249 of 645

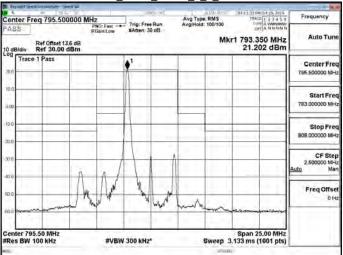
## Band14_5MHz_QPSK_1_0_CH23305

	- IX	- X		_	NO- 047		NICH MITT	(44.06135 PM Oct	29,2019	-	
	reg 790.500000 MHz			Trig: Fre	e Run	Avg Type Avg Hold	Avg Type: RMS TRACE 1 2 3 4 5 1 Avg Hold: 100/100 Tree Avwwww			Frequency	
10 dB/div	Ref Offset 13.5 dB 0 dB/div Ref 30.00 dBm				90 dB			1 788.350 21.339	MHz	Auto Tune	
20.0 Trac	e 1 Pass			<b>♦</b> ¹	-					Center Free 790.500000 MH	
10 0 0.00										Start Free 778.000000 MH	
30.0										Stop Free 803.000000 MH	
-30 0		4	a /	$\left\{ \right\}$						CF Step 2.500000 MH Auto Mar	
50.0		th	JV.	Y	hum	hard				Freq Offse 0 H	
Center 79			#VBM	300 kHz			Swaan 3	Span 25.0			
united Divi				000 Mil			mann.	100 110 (100	. praj		

## Band14_5MHz_QPSK_1_0_CH23330



## Band14_5MHz_QPSK_1_0_CH23355



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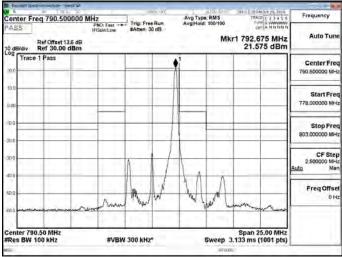
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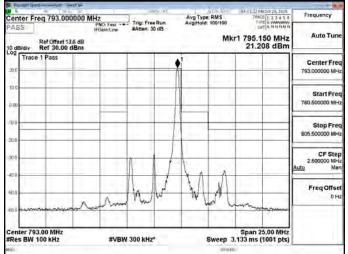
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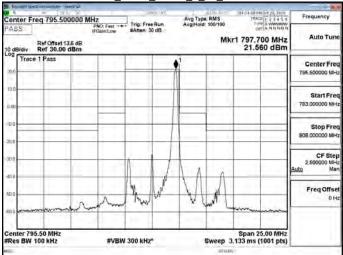
Band14_5MHz_QPSK_1_24_CH23305



### Band14_5MHz_QPSK_1_24_CH23330



## Band14_5MHz_QPSK_1_24_CH23355





## Report No.: E2/2019/90045 Page 250 of 645

## Band14_5MHz_QPSK_25_0_CH23305

			Aller .		-			rië Esp	lanceshire in	y vigit Com	i fa
Frequency	E123456	Avp Type: RMS TRACE 1 2 3 4 5 6		Trig: Free Run		Center Freq 790.500000 MHz					
Auto Tun	50 MHz 55 dBm	790.7		Avginoia; to	dB.	#Atten: 3		Ref Offset 13.5 dB			PAS 10 dE
Center Free 790.500000 MH	-								1 Pass	Trace	200
Start Free 778.000000 MH					hung						10.0 0.00
Stop Free 803.000000 MH											10.0
CF Ster 2.500000 MH Auto Mar			YM.	and and the	_		www.			-	-30 ()
Freq Offse 0 H	and the second	-00-M-004						anonenter of	man		50.0
	5.00 MHz 1001 pts)			Sw		300 kHz	#VBW		0.50 MHz	ter 790	
			10100	÷.,							

#### Band14_5MHz_QPSK_25_0_CH23330

Feyngelt ferna musieniyare Swept SA						
Center Freq 793.000000 M	Hz		Avp Type	RMS	104 10-14 PM Oct 29, 2010 TRACE 1 2 3 4 5 6 THE A WAYNER	Frequency
PASS Ref Offset 13.5 dB 10 dB/div Ref 30.00 dBm	PNO: Fast	Trig: Free Run #Atten: 30 dB	AvgiHold	100/100 Mkr	Auto Tune	
20.0						Center Free 793.000000 MH
0.00	Ī		1			Start Fre 780.500000 MH
100	_					Stop Fre 805.500000 MH
200	minner					CF Ste 2.500000 MH Auto Ma
50.0 met			1 Martin	remained	m	Freq Offse 0 H
center 793.00 MHz #Res BW 100 kHz	#VBW :	300 kHz*		Sweep 3.1	Span 25.00 MHz 33 ms (1001 pts)	
Center 793.00 MHz #Res BW 100 kHz	#VBW :	300 kHz*	1	Sweep 3.1		

## Band14_5MHz_QPSK_25_0_CH23355

Fryngill Samt on south the Samt Sa					
enter Freg 795.500000 Mi	Hz.	-90-040	Avg Type: RMS	Avo Type RMS TRACE 1 2 3 4 5 6	
Ref Offset 13.5 dB 0 dB/div Ref 30.00 dBm	PNO: Fast +++	Trig: Free Run #Atten: 30 dB	AvaiHold: 100/100	Auto Tune	
Trace 1 Pass					Center Fre 795.500000 MH
0.00		21 Anterior money			Start Fre 783.000000 MH
ao					Stop Fre 808.000000 Mi-
00	-		mann		CF Ste 2.500000 MH Auto Ma
00 and and a second second second			No.	1000 march	Freq Offse
enter 795.50 MHz Res BW 100 kHz	1	300 kHz*		Span 25.00 MHz	
Res BW 100 KHZ	#ARM	300 KHZ*	sweep :	1.133 ms (1001 pts)	

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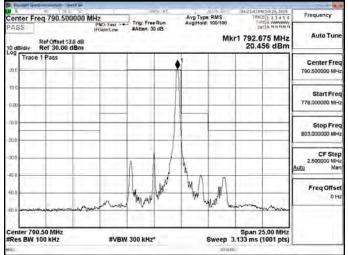
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百丙	做概和	仅成初	<b>7</b> IK	公司

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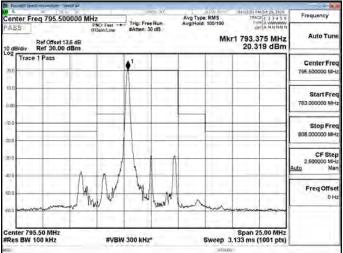
Band14_5MHz_16QAM_1_0_CH23305

				-			re inn	initia initia	tyrigilt Senta
Frequency	TRACE 1 2 3 4 5 6	790.500000 MHz Avg Type: RMS TRACE 1 2 3 4					Center Freq 790.500000 MHz		
Auto Tune	1 788.350 MHz 20.556 dBm	100/100 Mkr	AvgiH	Run dB	Trig: Free #Atten: 3	PASS PNO: Fast ++- PGSinLow Ref Offset 13.6 dB 0 dB/div Ref 30.00 dBm			
Center Free 790.500000 MH				-	<b>*</b> ¹			1 Pass	Trace
Start Fre 778.000000 MH									
Stop Fre 803.000000 MI-									-
CF Ste 2.500000 MH Auto Ma				1	$\left\{ \right\}$				1
Freq Offse 0 H		man	man	mall	W	N	Winha		
	Span 25.00 MHz (33 ms (1001 pts)	200			300 kHz			.50 MHz 00 KHz	
		THE							

#### Band14_5MHz_16QAM_1_0_CH23330



#### Band14_5MHz_16QAM_1_0_CH23355



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## Report No.: E2/2019/90045 Page 251 of 645

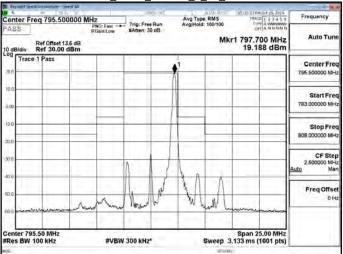
## Band14_5MHz_16QAM_1_24_CH23305

Keyvigilt Ser	- TXC	194 X		T ALL		05cl3110 PM Oct 29, 2019	
Center Freq 790.500000 MHz		Trig: Free Run	Avp Type: R	Avg Type: RMS TRACE 1 2 3 4 5 6 AvgiHold: 100/100		Frequency	
PASS PHO: Fast IFGainLow 10 dB/div Ref 0ffset 13.5 dB Ref 30.00 dBm			#Atten: 30 dB		Mkr1		
20.0 Trac	e 1 Pass			*			Center Fred 790.500000 MHz
0.00							Start Free 778.000000 MH:
10.0							Stop Free 803.000000 MH
-300			0 1				CF Step 2.500000 MH Auto Mar
-50.0		- Mar	m mus wh	hal	A	-Mi	Freq Offset 0 H:
Center 79	0.50 MHz		W 300 kHz*	SW		Span 25.00 MHz 33 ms (1001 pts)	
				1.	ST SLAD		

#### Band14_5MHz_16QAM_1_24_CH23330

Center Freq 793.000000 MHz			e RMS	TRACE 1 7 3 4 5	
PASS PRO: Fast IFGainLow 10 dB/div Ref 30.00 dBm				1 795.200 MHz	Auto Tune
		*			Center Free 793.000000 MH
		1			Start Fre 780.500000 MH
_		1			Stop Fre 805.500000 MH
					CF Ste 2.500000 MH Auto Ma
min	When w		Inde L	-	Freq Offse 0 H
#VBW	300 kHz"		Sweep 3		
	PRO: Fast	PNO: Fast Trg: Free Run, IFGbint.com	HHZ AND TYPE Run. AND TYPE HIT HIT HAVE AND TYPE	HZ Avg Type, RMS HHC Text: HHC	HZ Avg Type: RMS AvgHoid 100100 The 12143 PRO: Fast 100 BAtten: 30 dB. Mixit 795:34 dBm Mixit 795:34 dBm 19:534 dBm 4.00 Type: RMS Mixit 795:34 dBm 19:534

### Band14_5MHz_16QAM_1_24_CH23355



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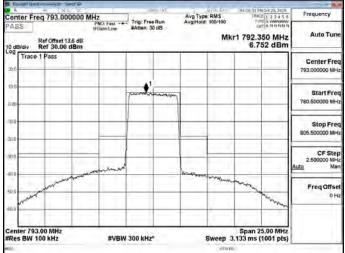
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百萬懷藏和	1. 12 12 17 月	限公司

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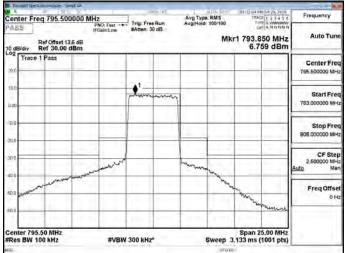
Band14_5MHz_16QAM_25_0_CH23305

Feynigett Ser	el unionitate la	edin 24					ADA BIN		0.11 mil. 2010	
Center Freg 790.500000 MHz			reg 790 500000 MHz Avp Type RMS TRACE 1 2 3 4 5 6				Frequency			
PASS PNO: Fast ++ IFGaint.ow Ref Offset 13.5 dB 0 dB/div Ref 30.00 dBm				Trig: Free R #Atten: 30 c	iB.	AvgiHold	Availloid: 100/100 Mkr1 789.850 MHz 6.354 dBm			Auto Tun
20.0 Trac	e 1 Pass						-			Center Fre 790.500000 MH
0.00				milit		1				Start Fre 778.000000 Mi
100										Stop Fro 803.000000 Mi
200			www			he was	arringer			CF Ste 2.500000 Mil Auto M
500	June	- Alemann		_			-10	www.	and the second	FregOffs
Center 79	0.50 MHz 100 kHz		#VBW	300 kHz*			Sweep 3		5.00 MHz	
				1.1.1.1.1.00			10100			

## Band14_5MHz_16QAM_25_0_CH23330



#### Band14_5MHz_16QAM_25_0_CH23355





## Report No.: E2/2019/90045 Page 252 of 645

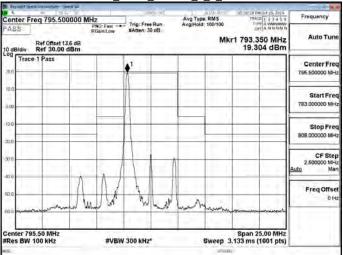
### Band14_5MHz_64QAM_1_0_CH23305

Feynigitt Ser	= TX	Ge Bype	1		NO- UNIT			105-28-19 PM	021 29, 2019	
Center Freq 790.500000 MHz			Trin Fre	Trig: Free Run		Avg Type: RMS TRACE   2 1 4 5 6 Avg Hold: 100/100		Frequency		
Ref Offset 13.6 dB 0 dB/div Ref 30.00 dBm				#Atten: 3	#Atten: 30 dB			1 788.35 19.37	Auto Tune	
20.0 Trace	> 1 Pass			<b>♦</b> ¹	-					Center Free 790.500000 MH
10:0 0:00										Start Free 778.000000 MH
30.0		_								Stop Free 803.000000 MH
30 0				+						CF Step 2.500000 MH Auto Ma
50.0		An	A	t	hull	hown	more			Freq Offse 0 H
Center 79	0.50 MHz		#VBW	300 kHz			Sweep 3.	Span 25 133 ms (1		
							al and a			

#### Band14_5MHz_64QAM_1_0_CH23330

z	Avp Type: RMS TRACE 1 2 2 4 5 6	Frequency
	Mkr1 790.850 MHz 19.016 dBm	Auto Tune
1		Center Free 793.000000 MH
		Start Free 780.500000 MH
		Stop Fre 805.500000 MH
		CF Ster 2.500000 MH Auto Ma
Ad What	hannan	Freg Offse 0 Hi
#VBW 300 kHz*	Span 25.00 MHz Sweep 3.133 ms (1001 pts)	
		IZ TYG: Free Run Faten: 20 dB AvgHold: 100100 Mkr1 790.850 MHz 19.016 dBm Mkr1 90.050 MHz 19.016 dBm

### Band14_5MHz_64QAM_1_0_CH23355



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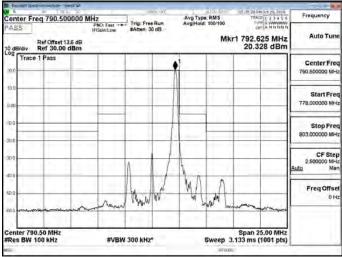
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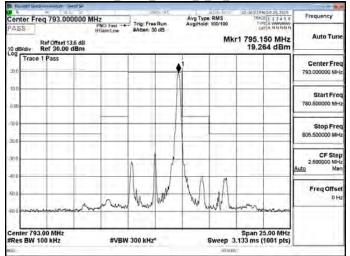
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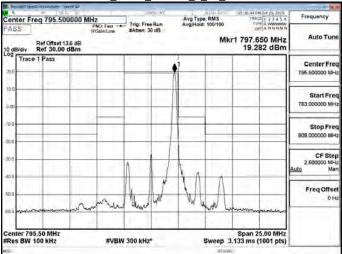
Band14_5MHz_64QAM_1_24_CH23305



#### Band14_5MHz_64QAM_1_24_CH23330



#### Band14_5MHz_64QAM_1_24_CH23355



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## Report No.: E2/2019/90045 Page 253 of 645

## Band14_5MHz_64QAM_25_0_CH23305

	NO. 1 NO. 1 NO. 6	a a a a	na lun		AND INT.		10	ef an	d monthly i	Feyniget (en	
Frequency	E123456	a 790 500000 MHz Avp Type: RMS TRACE 1 71				Center Freq 790.500000 MHz					
Auto Tune	Mkr1 790.300 MHz 5.705 dBm			Avginoia	#Atten: 30 dB			PASS PNO: Fast ** IFGainLow Ref Offset 13.5 dB Ref 30.00 dBm			
Center Fred 790.500000 MH:	-			-	-				e 1 Pass	20.0 Trac	
Start Free 778.000000 MH:					Constant	mu				0.00	
Stop Free 803.000000 MH										10 0 30.0	
CF Step 2.500000 MH Auto Mar			Marina	hem			-			30 0	
Freq Offse 0 H	~	Antone ve					,	moren	- Martin	50.0	
	5.00 MHz 1001 pts)		weep 3.		z	300 kH;	#VBW		0.50 MHz 100 kHz	Center 79	
			10100							EQ	

#### Band14_5MHz_64QAM_25_0_CH23330

Forward for	Charles with Sam	na 20						2 A 28		
Center Fi	eq 793.000	0000 MHz	O: Fast	Sec. 10. 1	N(10-1047)	Avg Ty	pe RMS d; 100/100	TR	CE 1 7 7 4 5 6	Frequency
PASS 10 dB/div	#Atten: 3		Avgino		r1 793.	000 MHz 020 dBm				
20.0 Trace	e 1 Pass									Center Free 793.000000 MH
0.00				him	1	1				Start Free 780.500000 MH
10.0										Stop Fre 805.500000 MH
30 () 40 ()		-	morent			-			-	CF Ste 2.500000 MH Auto Ma
50.0	- and						mon	my	The second	Freq Offse 0 H
Center 79			#VBW	300 kHz			Sweep		25.00 MHz (1001 pts)	
							10110			

### Band14_5MHz_64QAM_25_0_CH23355

Center Freq 795.500000 MHz			Trig: Free Run Avg Ty		ALLAN MIT 05-III 43 PM 04 29, 3029 Avg Type: RMS TRACE 1 2 3 4 5 6 Vg Hold: 100/100 TITE A WWWWW		6 Frequency
Ref Offset 13.5 dB Ref 30.00 dBm	#Atten: 3	dB.	AVB HOID		793.775 MH: 6.056 dBm	Auto Tune	
200 Trace 1 Pass							Center Free 795.500000 MH
0.00		Luman	Altre wellow				Start Free 783.000000 MH
10.0							Stop Free 808.000000 MH
20 0	North March			Lown			CF Ste 2.500000 MH <u>Auto</u> Ma
200 500					~	and the more	Freq Offse 0 H
Center 795.50 MHz Res BW 100 kHz	#VBW	300 kHz	-			Span 25.00 MH: 33 ms (1001 pts	

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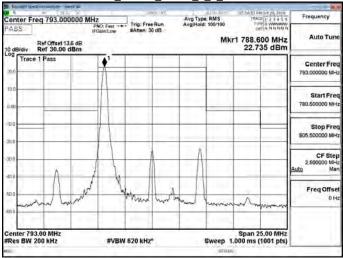
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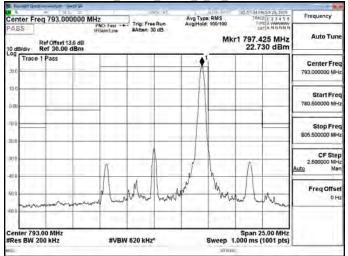
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Band14_10MHz_QPSK_1_0_CH23330



#### Band14_10MHz_QPSK_1_49_CH23330



### Band14_10MHz_QPSK_50_0_CH23330

Rene Trig: Free Run Mattern 30 dB	Avg Type R AvgiHold: 10	00/100	793.175 Mi 8.049 dE	Hz Auto Tune
We #Atten: 30 dB		Mkr1	793.175 M	Hz Auto Tune
community of	m			793.000000 MH: Start Free
community on	mm			
				Stop Free 805.500000 MH
		www	m	СF Stej 2.500000 МН <u>Ашто</u> Ма
			N.	Freq Offse
VBW 620 kHz*	SW			
	VBW 620 kH2*			Span 25.00 M VBW 620 kHz* Sweep 1.000 ms (1001 p

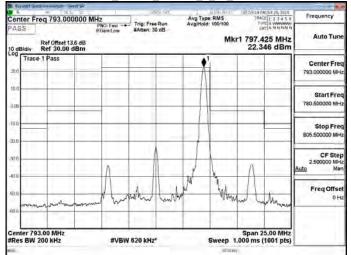


## Report No.: E2/2019/90045 Page 254 of 645

## Band14_10MHz_16QAM_1_0_CH23330

Trig: Free Run #Atten: 30 dB	Avg Type RM Avg Hold: 100/	Mkr1 788.	625 MHz 32 dBm	Erequency Auto Tune Center Freq 793.000000 MHz
		Mkr1 788.	625 MHz	Center Freq
		_	-	
				Start Free 780.500000 MHz
				Stop Free 805.500000 MH
	$\square$			CF Step 2.500000 MH; Auto Mar
my man was	m	mm	mourie	Freq Offsel 0 Ha
/BW 620 kHz*	Swe			
	My how was	My Lost And	My And Man Span	Мини или или мини Span 25.00 MHz /BW 620 kHz* Sweep 1.000 ms (1001 pts)

#### Band14_10MHz_16QAM_1_49_CH23330



### Band14_10MHz_16QAM_50_0_CH23330

Exployed for the number of the second s	Sec. 1	-97-167		Al Aliman III	+ 00:01 PM Oct 29, 2019	Frequency
Center Freq 793.00000	PNO: Fast	Trig: Free Run	Avg Type R Avg Hold: 10	MS MS	TRACE 1 2 3 4 5 6	
Ref Offset 13.5 dl Ref 30.00 dBm	IFGain:Low	#Atten: 30 dB	Section 2.		790.250 MHz 7.046 dBm	Auto Tune
Trace 1 Pass						Center Free 793.000000 MH
0.00	mont	munn	mining			Start Free 780.500000 MH
10.0						Stop Free 805.500000 MH
200	ment		ł	time	>	CF Ster 2.500000 MH Auto Mar
50.0 potenting and the second			1	-	and	Freq Offse 0 H
colo Center 793.00 MHz					Span 25.00 MHz	
Res BW 200 kHz	#VBW	620 kHz*	SV	veep 1.00	10 ms (1001 pts)	

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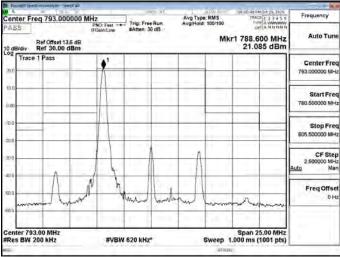
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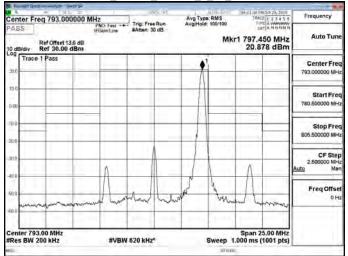
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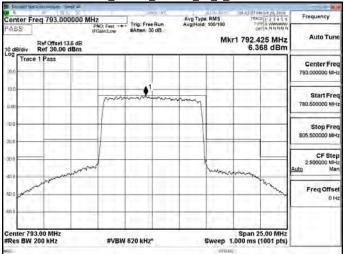
Band14_10MHz_64QAM_1_0_CH23330



#### Band14_10MHz_64QAM_1_49_CH23330



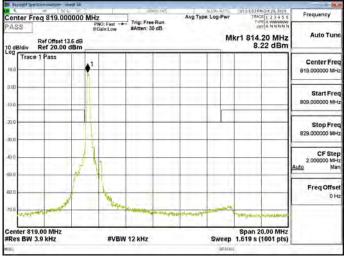
#### Band14_10MHz_64QAM_50_0_CH23330



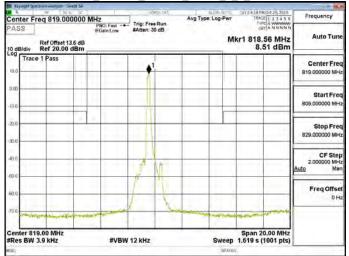
## Report No.: E2/2019/90045 Page 255 of 645



## Band26_Part90s_1.4MHz_QPSK_1_0_CH26697



## Band26_Part90s_1.4MHz_QPSK_1_0_CH26740



## Band26_Part90s_1.4MHz_QPSK_1_0_CH26783

Center Freq 819.000000 MHz PNO: Fast ---- Trig: Free Run Aktren: 30 dB Frequency Avg Type: Log-Pwr Auto Tur Mkr1 822.88 MHz 7.93 dBm Ref Offset 13.6 dB Ref 20.00 dBm 10 dB/div Trace 1 Pass Center Free Start Fre 809.000000 MH Stop Free 829.000000 MH CF Step 00000 MH 2.000000 Freq Offse OH Center 819.00 MHz Res BW 3.9 kHz Span 20.00 MHz Sweep 1.619 s (1001 pts) #VBW 12 kHz

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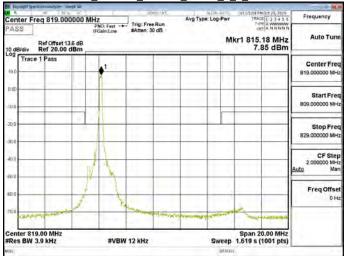
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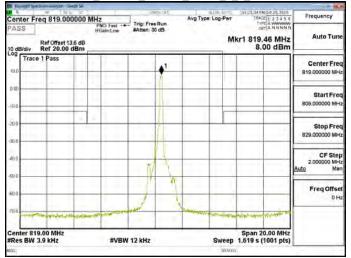
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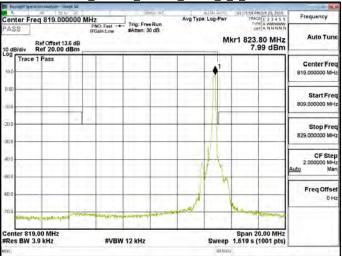
Band26_Part90s_1.4MHz_QPSK_1_5_CH26697



#### Band26_Part90s_1.4MHz_QPSK_1_5_CH26740



#### Band26_Part90s_1.4MHz_QPSK_1_5_CH26783



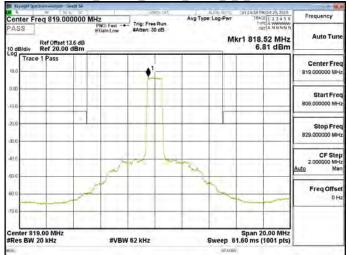
## Report No.: E2/2019/90045 Page 256 of 645



## Band26_Part90s_1.4MHz_QPSK_6_0_CH26697

		America						_		misslyte	işil (şeran	Fry
Frequency	PM.Oct 29, 2019	TRA	og-Pwr	Avg Type	NS-1N7	20.00		MHz	00000	q 819.00	er Freq	Cent
Auto Tune	4.22 MHz 59 dBm	r1 814	M			Trig: Fre #Atten: 3	O: Fast	PN	13.6 dB	tef Offset 1 tef 20.00	R	PAS
Center Fred 819.000000 MHz								•1-		Pass	Trace 1	10.0
Start Free 809.000000 MH:												0.00 -10.0
Stop Free 829.000000 MH												-200
CF Step 2.000000 MH: Auto Mar						"Long	-	-	1	2		-0.0
Freq Offse 0 H		-	~	the second	free						~	80.0
	20.00 MHz (1001 pts)		eep 6	5		62 kHz	#VBW				er 819.0 BW 20	
	( ) proj		ayaom								24	MID.

#### Band26_Part90s_1.4MHz_QPSK_6_0_CH26740



### Band26_Part90s_1.4MHz_QPSK_6_0_CH26783



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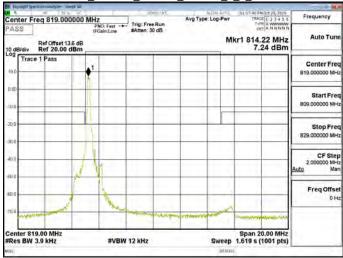
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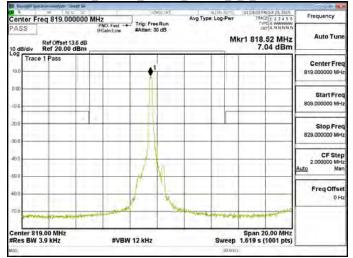
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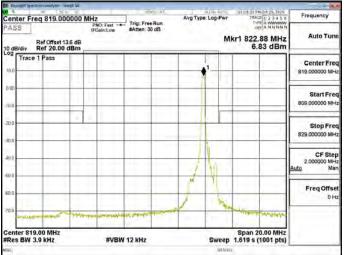
Band26_Part90s_1.4MHz_16QAM_1_0_CH26697



#### Band26_Part90s_1.4MHz_16QAM_1_0_CH26740



#### Band26_Part90s_1.4MHz_16QAM_1_0_CH26783

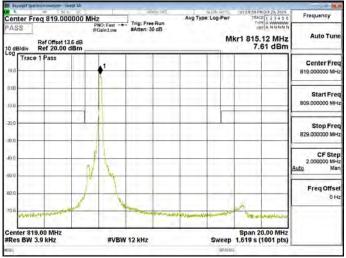


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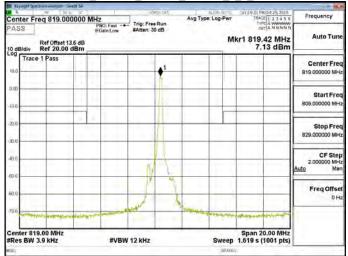
## Report No.: E2/2019/90045 Page 257 of 645



## Band26_Part90s_1.4MHz_16QAM_1_5_CH26697



#### Band26_Part90s_1.4MHz_16QAM_1_5_CH26740



#### Band26_Part90s_1.4MHz_16QAM_1_5_CH26783

6-17 PM Oct 29, 2029 TRACE 1 2 3 4 5 6 TYPE A WWWWW ORT A NWNN P enter Freq 819.000000 MHz PNO: Fast #Atten: 30 dB Frequency Avg Type: Log-Pwr Auto Tur Mkr1 823.68 MHz 7.03 dBm Ref Offset 13.6 dB Ref 20.00 dBm 10 dB/div Trace 1 Pass Center Free Start Fre 809.000000 MH Stop Free 829.000000 MH CF Step 00000 MH 2.000000 Freq Offse OH Center 819.00 MHz Res BW 3.9 kHz Span 20.00 MHz Sweep 1.619 s (1001 pts) #VBW 12 kHz

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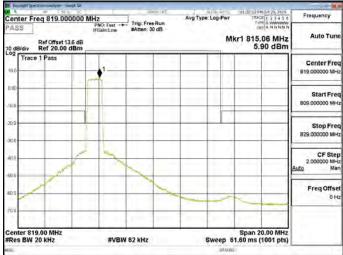
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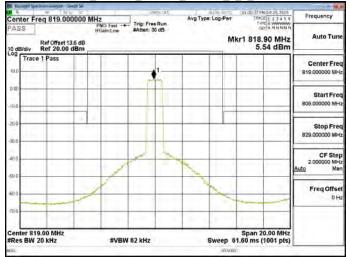
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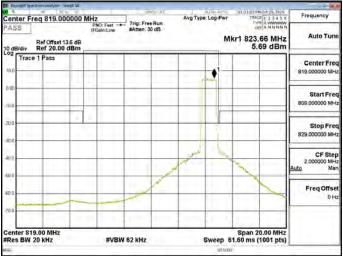
Band26_Part90s_1.4MHz_16QAM_6_0_CH26697



#### Band26_Part90s_1.4MHz_16QAM_6_0_CH26740



#### Band26_Part90s_1.4MHz_16QAM_6_0_CH26783



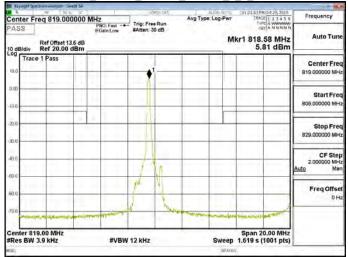
## Report No.: E2/2019/90045 Page 258 of 645



## Band26_Part90s_1.4MHz_64QAM_1_0_CH26697

Forvight Ser	chunnisslyte Su	n sa								
Center Fi	reg 819.000	000 M	<b>MHz</b>		1	escin7)	Avg Typ	e: Log-Pwr	01:21:28 PM.Oct 29, 2019 TRACE 1 2 3 4 5 1	Frequency
PASS	Ref Offset 13. Ref 20.00 d	6 dB	PN	VO: Fast ····	Trig: Free #Atten: 3	Run 0 dB		м	kr1 814.26 MHz 6.10 dBm	Auto Tune
10.0 Trace	e 1 Pass		1-							Center Freq 819.000000 MHz
-10.0										Start Free 809.000000 MHz
-70,0										Stop Free 829.000000 MH
40.0		1	1	1						CF Step 2.000000 MH Auto Mar
80.0		M								Freq Offse 0 Hi
70.0	Hard Street and	-		The ship with	TUMPINA	·	-	and the second		
Center 81 #Res BW				#VBW	12 kHz			Sweep	Span 20.00 MHz 1,619 s (1001 pts)	
etics)								BYATH	1	

#### Band26_Part90s_1.4MHz_64QAM_1_0_CH26740



### Band26_Part90s_1.4MHz_64QAM_1_0_CH26783

Center Freq 819.000000 MHz PNO: Fast - Trig: Free Run PNO: Fast - Arten: 30 dB. 19 PM Oct 29, 2019 TRACE 1 2 3 4 5 6 THE A WWWW Frequency Avg Type: Log-Pwr Auto Tur Mkr1 822.82 MHz 6.02 dBm Ref Offset 13.6 dB Ref 20.00 dBm 10 dB/div Trace 1 Pass Center Free Start Fre 809.000000 MH Stop Free 829.000000 MH CF Step 00000 MH 2.000000 Freq Offse OH Center 819.00 MHz Res BW 3.9 kHz Span 20.00 MHz Sweep 1.619 s (1001 pts) #VBW 12 kHz

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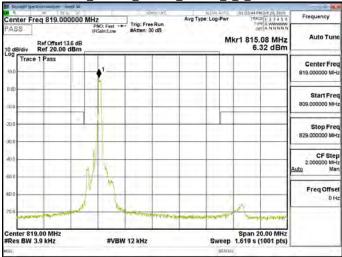
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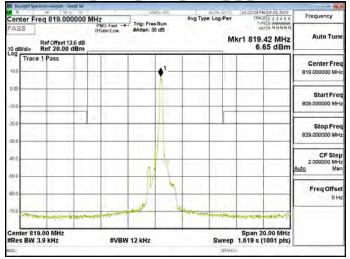
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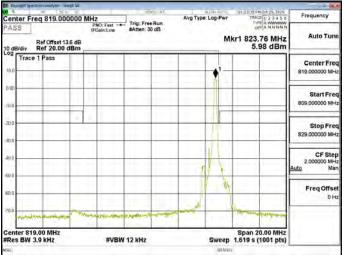
Band26_Part90s_1.4MHz_64QAM_1_5_CH26697



#### Band26_Part90s_1.4MHz_64QAM_1_5_CH26740



#### Band26_Part90s_1.4MHz_64QAM_1_5_CH26783



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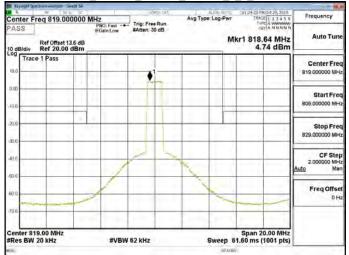


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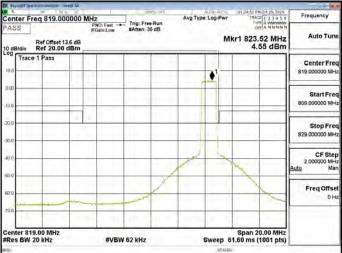
## Band26_Part90s_1.4MHz_64QAM_6_0_CH26697

								Swept 54	I un seulyte	ist for a	BE FO
Frequency	01:24:00 PM.Oct 29, 2010 TRACE 1 2 3 4 5 6	ALICALALITO	Av	29-1N7)		_	MHz	00000	g 819.0	er Fre	Cent
Auto Tune	1 814.68 MHz 4.75 dBm	M		0 dB	Trig: Fre #Atten: 3	D: Fast	PNC	13.6 dB	Ref Offset Ref 20.04	s	PAS
Center Fred 819.000000 MH							•		1 Pass	Trace	10.0
Start Free 809.000000 MH:											10.00
Stop Fre 829.000000 MH											20.0
CF Step 2.000000 MH Auto Mar						the second secon		and and	2		40.0
Freq Offse 0 H		-	-	-	1		+			1	80.0
	Span 20.00 MHz 1.60 ms (1001 pts)	Swaan 6			62 647	#VBW			.00 MHz	er 819.	
-	iteo ins (1001 pts)	aveep o			UZ KHZ	#VDIV			V NOZ	D## 20	#Res

#### Band26_Part90s_1.4MHz_64QAM_6_0_CH26740



#### Band26_Part90s_1.4MHz_64QAM_6_0_CH26783



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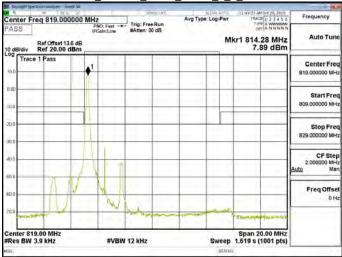
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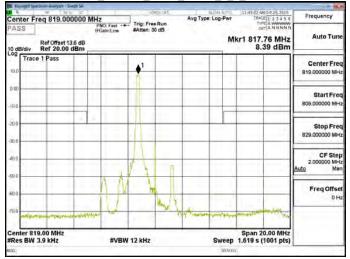
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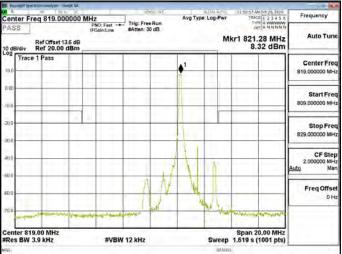
Band26_Part90s_3MHz_QPSK_1_0_CH26705



#### Band26_Part90s_3MHz_QPSK_1_0_CH26740



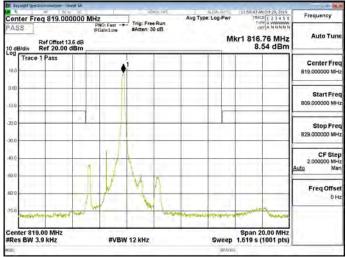
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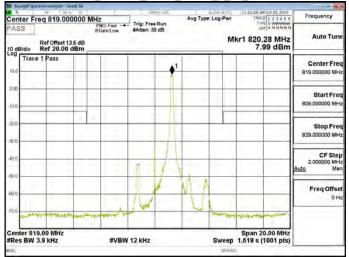


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### Band26_Part90s_3MHz_QPSK_1_14_CH26705



#### Band26_Part90s_3MHz_QPSK_1_14_CH26740



#### Band26_Part90s_3MHz_QPSK_1_14_CH26775

THE A WWWW Frequency Avg Type: Log-Pwr Auto Tur Mkr1 823.78 MHz 7.95 dBm Ref Offset 13.6 dB Ref 20.00 dBm 10 dB/div Trace 1 Pass Center Free Start Fre 809.000000 MH Stop Free 829.000000 MH CF Step 00000 MH 2.00 Freq Offse OH Center 819.00 MHz Res BW 3.9 kHz Span 20.00 MHz Sweep 1.619 s (1001 pts) #VBW 12 kHz

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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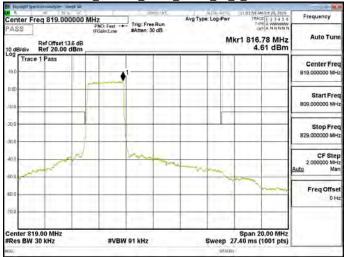
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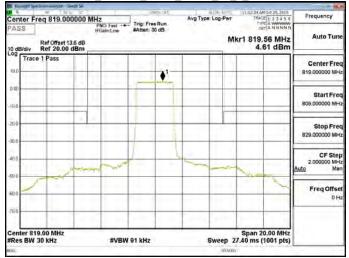
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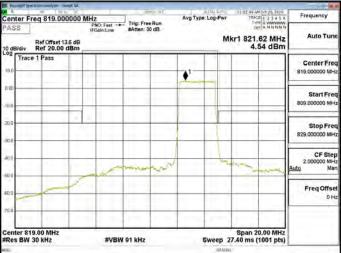
Band26_Part90s_3MHz_QPSK_15_0_CH26705



#### Band26_Part90s_3MHz_QPSK_15_0_CH26740



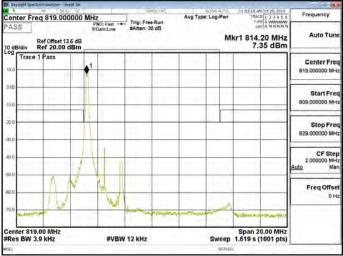
#### Band26_Part90s_3MHz_QPSK_15_0_CH26775



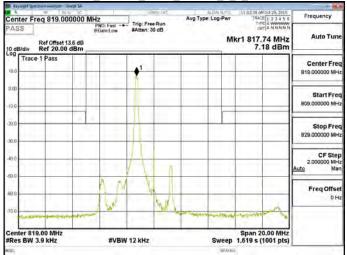
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## Band26_Part90s_3MHz_16QAM_1_0_CH26705



## Band26_Part90s_3MHz_16QAM_1_0_CH26740



## Band26_Part90s_3MHz_16QAM_1_0_CH26775

A AM Oct 29, 2029 Frequency Center Freq 819.000000 MHz ASS PNO: Fast - Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr Auto Tur Mkr1 821.28 MHz 8.09 dBm Ref Offset 13.6 dB Ref 20.00 dBm 10 dB/div Trace 1 Pass Center Free Start Fre 809.000000 MH Stop Free 829.000000 MH CF Step 00000 MH 2.00 Freq Offse OH Center 819.00 M Res BW 3.9 kHz Span 20.00 MHz Sweep 1.619 s (1001 pts) #VBW 12 kHz

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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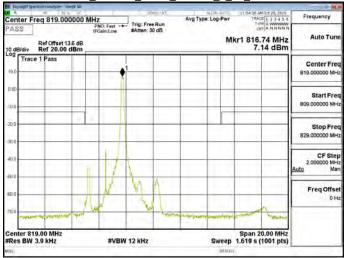
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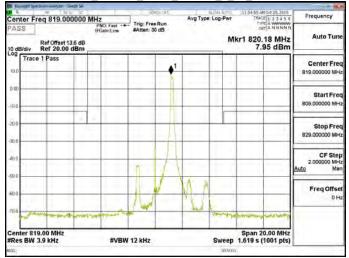
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Band26_Part90s_3MHz_16QAM_1_14_CH26705



## Band26_Part90s_3MHz_16QAM_1_14_CH26740



## Band26_Part90s_3MHz_16QAM_1_14_CH26775

