

Report No.: ER/2017/30117 Page 157 of 340

Band Edge_Band13 10MHz_QPSK 50 0_LowCH23230-782

Band Edge_Band17 5MHz_QPSK 1 24_HighCH23825-713.5



Band Edge_Band13 10MHz_QPSK 50 0_HighCH23230-782

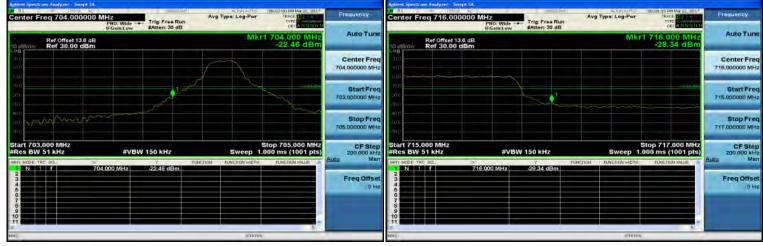


Band Edge_Band17 5MHz_QPSK 1 0_LowCH23755-706.5

Band Edge_Band17 5MHz_QPSK 25 0_LowCH23755-706.5



Band Edge_Band17 5MHz_QPSK 25 0_HighCH23825-713.5



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Report No.: ER/2017/30117 Page 158 of 340

Band Edge_Band17 10MHz_QPSK 1 0_LowCH23780-709

Band Edge_Band17 10MHz_QPSK 50 0_HighCH23800-711

			empti SA:	Agilersi Spectrum Analyzer					sctrom Analyzer - Swept SA
Frequency	AUGHAUTO (07/95)17/84 Mar22, 2017 Avg Type: Log-Pwr 16ace 0.2 Tyte cer 2.2017	Z PNO: Wide + Trig: Free Run #Atten: 30 dB	PNC	Center Freq 716.0	Frequency	07:51.03 (4) Mar 20: 2017 TRACE 11 2 2 TVTC CET 4 70 107711	Avg Type: Log-Pwr	Trig: Free Run #Atten: 30 dB	Freq 704.000000 MHz PNO: Wide + IFGaintlew
Auto Tuni	Mkr1 716.000 MHz -31.22 dBm		13.6 dB IdBm	to dBraiv Ref Offse	Auto Tune	r1 704,000 MHz -34.82 dBm	Mki		Ref Offset 13.6 dB Ref 30.00 dBm
Center Free 716.000000 MH				310 100	Center Freq 704.000000 MHz	\sum			
Start Freq 715,00000 MHz		twoman	Y	-(0.0 2000 2000	Start Freq 703.000000 MHz	and the second	polo manage of the	1.144	
Stop Freq 717.000000 MHz				Apro Sono Apro	Stop Freq 705.000000 MHz				Am manna
CF Step 200.000 kHz Auto Man	Stop 717.000 MHz Sweep 1.000 ms (1001 pts) Clon (Uleber work) (Uleber wille		×	Start 715.000 MHz #Res BW 100 kHz		Stop 705.000 MHz .000 ms (1001 pts)	Sweep 1		THE SEL 00
Freq Offset		00 MHz 31 22 dBm	716.000	1 N 1 F 23 4 55	Freq Offset			.34.82.dBm	1 f 704.000 MHz
				7 8 9 10					
-	STATUS			MIRQ I		1	STADS		

Band Edge_Band17 10MHz_QPSK 1 49_HighCH23800-711



Band Edge_Band17 10MHz_QPSK 50 0_LowCH23780-709



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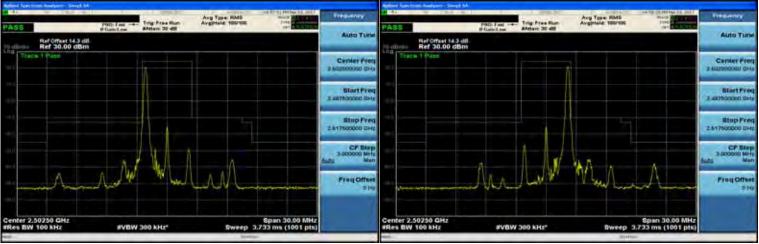
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Mask_Band7 5MHz_QPSK 1 0_LowCH20775-2502.5

Mask_Band7 5MHz_QPSK 1 24_LowCH20775-2502.5



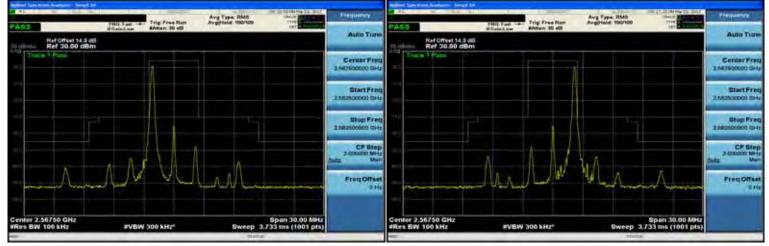
Mask_Band7 5MHz_QPSK 1 0_MidCH21100-2535

Avg Type Ridt Avg Type Hidth Trig Free Nor Trig Free Nor Ref 00set 14.3 all Ref 30.00 dBm Ref 00set 14.3 dis Ref 00.00 dBm Span 30.00 M Sweep 3.733 ms (1001 p 2.53500 GHz Span 30.00 M Sweep 3.733 ms (1001 p 2.53500 GH #VBW 300 kHz FVBW 300 kHz

Mask_Band7 5MHz_QPSK 1 0_ HlghCH21425-2567.5

Mask_Band7 5MHz_QPSK 1 24_ HlghCH21425-2567.5

Mask_Band7 5MHz_QPSK 1 24_MidCH21100-2535



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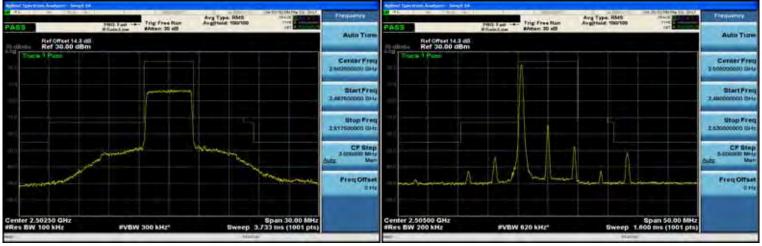
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Mask_Band7 5MHz_QPSK 25 0_LowCH20775-2502.5

Mask_Band7 10MHz_QPSK 1 0_LowCH20800-2505



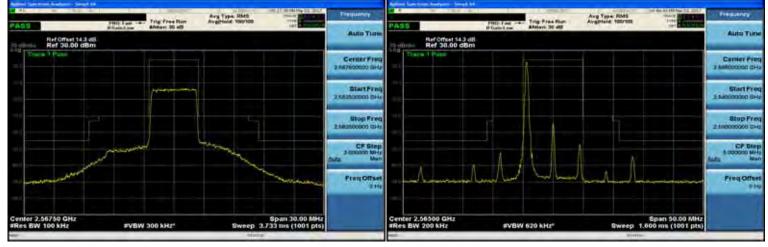
Mask_Band7 5MHz_QPSK 25 0_MidCH21100-2535

Avg Type Hidth Avg Type Hitt Trig Free Run Trig Free Nar Auto Tu Ref 0ffset 14.3 dB Ref 30.00 dBm Ref 00set 14.3 dll. Ref 00.00 dBm 2.53500 GHz Span 30.00 M Sweep 3.733 ms (1001 (2.53500 GHz Span 50.00 M Sweep 1.600 ms (1001 m #VBW 300 kHz FVBW 620 kHz

Mask_Band7 5MHz_QPSK 25 0_ HlghCH21425-2567.5

Mask_Band7 10MHz_QPSK 1 0_ High CH21400-2565

Mask_Band7 10MHz_QPSK 1 0_ MidCH21100-25355



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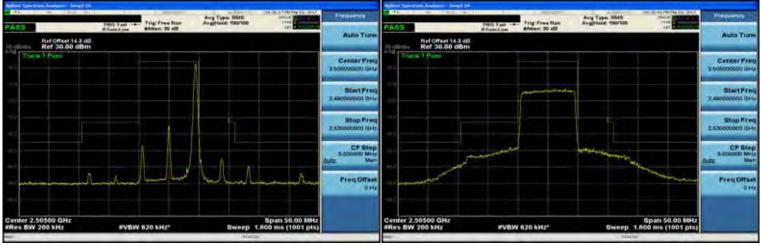
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Mask Band7 10MHz QPSK 1 49 LowCH20800-2505

Mask_Band7 10MHz_QPSK 50 0_LowCH20800-2505

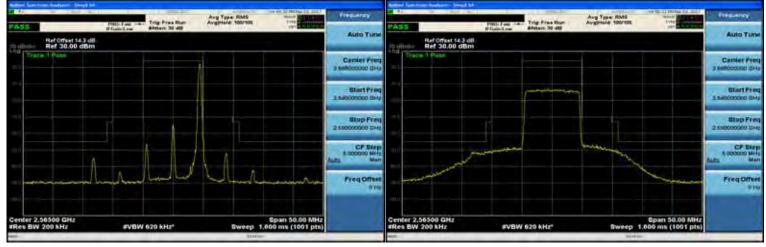


Mask_Band7 10MHz_QPSK 1 49_ MidCH21100-25355



Mask_Band7 10MHz_QPSK 1 49_ High CH21400-2565

Mask_Band7 10MHz_QPSK 50 0_ High CH21400-2565



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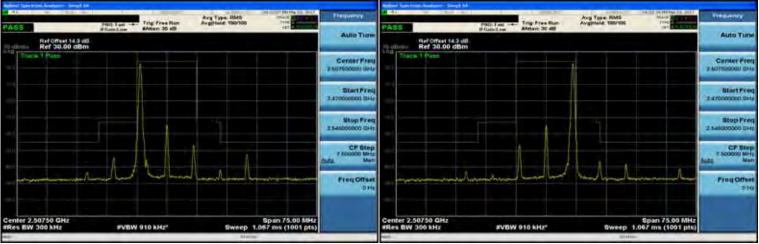
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Mask_Band7 15MHz_QPSK 1 0_LowCH20825-2507.5

Mask_Band7 15MHz_QPSK 1 74_LowCH20825-2507.5

Mask_Band7 15MHz_QPSK 1 74_ MidCH20175-253

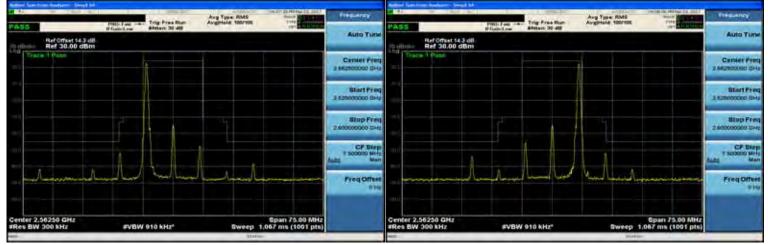


Mask_Band7 15MHz_QPSK 1 0_ MidCH20175-2535

Avg Type Hidth Avg Type RMS Trig Free Nor Trig Pres Mar Tu Auto Tu Ref 00set 14.3 dll. Ref 30.00 dBm Ref Offset 14.3 dil Ref 30.00 dBm Span 75.00 Ms Sweep 1.067 ms (1001 of Span 75.00 M 2.53500 GHz 2.53500 GHz #VBW 910 kHz EVBW 910 kHz

Mask_Band7 15MHz_QPSK 1 0_ HighCH21375-2562.5

Mask_Band7 15MHz_QPSK 1 74_ HighCH21375-2562.5



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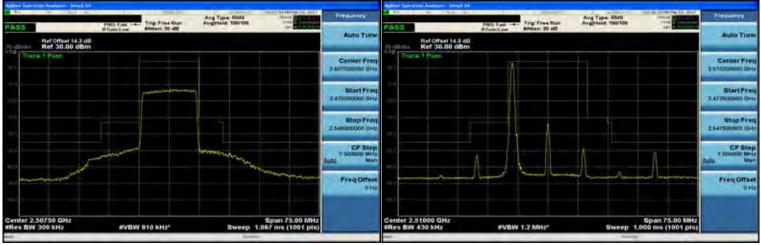
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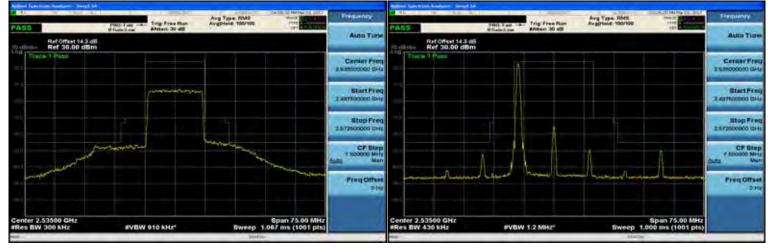
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Mask_Band7 20MHz_QPSK 1 0_ LowCH20850-2510



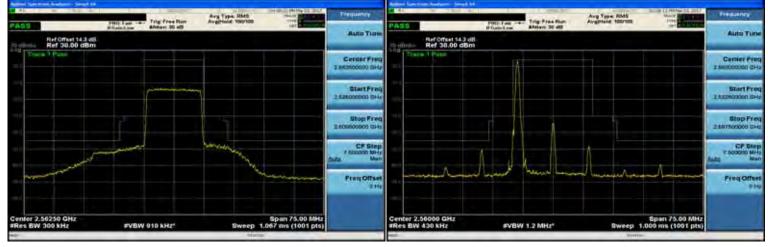
Mask_Band7 15MHz_QPSK 75 0_ MidCH20175-2535

Mask_Band7 20MHz_QPSK 1 0_ MidCH21100-2535



Mask_Band7 15MHz_QPSK 75 0_ HighCH21375-2562.5

Mask_Band7 20MHz_QPSK 1 0_ HighCH21350-2560



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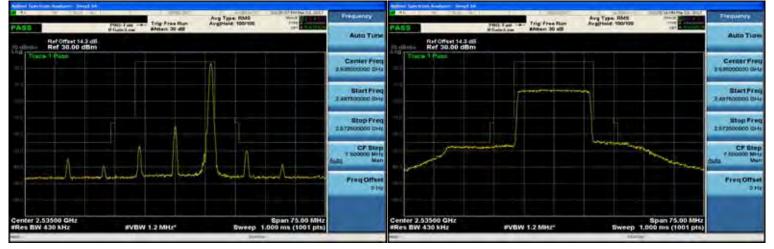
Mask_Band7 20MHz_QPSK 1 99_ LowCH20850-2510

Mask_Band7 20MHz_QPSK 100 0_ LowCH20850-2510



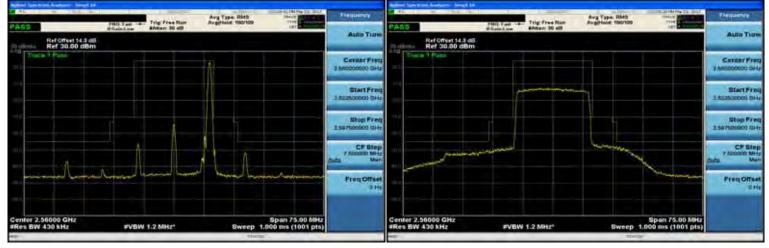
Mask_Band7 20MHz_QPSK 1 99_ MidCH21100-2535

Mask_Band7 20MHz_QPSK 100 0_ MidCH21100-2535



Mask_Band7 20MHz_QPSK 1 99_ HighCH21350-2560

Mask_Band7 20MHz_QPSK 100 0_ HighCH21350-2560



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30MHz~3GHz_GPRS_850MHz_LowCH128-824.2

3GHz~10GHz_GPRS_850MHz_MidCH190-836.6

Keynght Spacener Analyzer - Skept SP		Keysight Spectrum Anunyzer - Skept SA Sender Skind Sander - Skinder Skind Sander - Autore Skind Sander - Skind Sander - Autore Skind Sander - Skind Sand	21.20
	Frequency	Center Freq 6,500000000 GHz Trig: Free Run PNO: Fast Trig: Free Run IFGain.Low #Atten: 40 dB Center Run	Frequency
Ref Offset 13.6 dB Mkr3 2,472 6 0	GHz Auto Tune IBm	Ref Offset 13.6 dB Mkr1 3.049 GHz 10 dB/div Ref 40.00 dBm -22.47 dBm	Auto Tune
200 V1	Center Freq 1,515000000 GHz		Center Free 6.50000000 GH
	Start Freq 30.000000 MHz	3000-1	Start Free 3.000000000 GH
30 D Padatenensed - There is the few or instantional - Construction of the second of t	Stop Freq 3,00000000 GHz	30.0 Provide a stand of the	Stop Free 10.000000000 GH
Start 0.030 GHz Stop 3.000 #Res BW 1.0 MHz #VBW 1.0 MHz Sweep 3.600 ms (1001 Bet MODE Tec Sci X Y Plantfoal Plantfoal Flantfoal	Auto Man	Start 3.000 GHz Stop 10.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz Sweep 11.67 ms (1001 pts) wmm Mote First Sci x Plactom Plactom WTM Plactom WTM	CF Step 700.000000 MH Auto Mar
1 N 1 f B23.0 MHz 32.63 dBm 2 N 1 f 1.648.4 GHz -28.73 dBm 3 N 1 f 2.472 6 GHz -28.73 dBm 4 5 5 5 5	Freq Offset 0 Hz	1 N 1 f 3.049 GHz22.47 dBm	Freq Offse 0 H
6 7 8 9 10		6	
cuntra (cen	-	NOC STATUS	

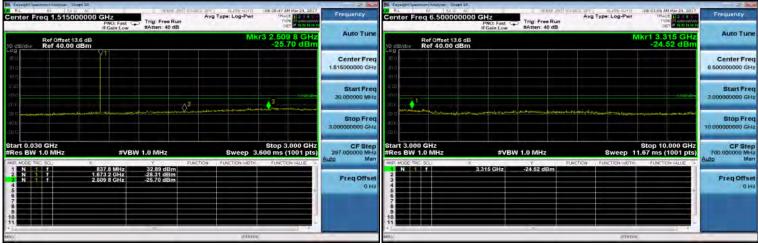
3GHz~10GHz_GPRS_850MHz_LowCH128-824.2

30MHz~3GHz_GPRS_850MHz_HighCH251-848.8

Keynight Spectrum Analyzer - Skript SA	108-26:01 MM Mar 24, 2017	UP A Averaget Search and Average Strange Stran	20.00
Center Freq 6.500000000 GHz Trig: Free Run Feature With a dd #	THE PUNKER	Center Freq 1.515000000 GHz PNO: Fost Trig: Free Run PNO: Fost Trig: Free Run #Atten: 40 dB	Frequency
Ref Offset 13.6 dB M 10 dB/div Ref 40.00 dBm	kr1 3.105 GHz -23.85 dBm	Ref Offset 13.6 dB Mkr3 2,546 4 GHz 10 dB/div Ref 40.00 dBm -24.61 dBm	Auto Tune
	Center Freq 6.50000000 GHz		Center Fred 1.515000000 GH
820	Start Freq 3.000000000 GHz		Start Free 30,000000 MHz
30 C 144/2014 2014 2014 2014 2014 2014 2014 2014	Stop Freq 10.000000000 GHz		Stop Free 3,00000000 GH
Start 3.000 GHz #VBW 1.0 MHz Sweep 11 #Res BW 1.0 MHz \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	Stop 10.000 GHz 1.67 ms (1001 pts) FUNCTION VALUE Auto Man	#Res BW 1.0 MHz #VBW 1.0 MHz Sweep 3.600 ms (1001 pts)	CF Step 297.000000 MH
1 N 1 T 3.105 GHz -23.85 dBm 3 4 5	Freq Offset	1 N 1 T 849.7 MHz 32.96 dBm 2 N 1 T 1.697.6 GHz -28.17 dBm 3 N 1 T 2.646 GHz -24.61 dBm	Freq Offset 0 Hi
- autistra (can		PRS STATUS	

30MHz~3GHz_GPRS_850MHz_MidCH190-836.6

3GHz~10GHz_GPRS_850MHz_HighCH251-848.8



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30MHz~3GHz_EDGE_850MHz_LowCH128-824.2

3GHz~10GHz_EDGE_850MHz_MidCH190-836.6

Keynght Spectrum Anungzer - Skept SA SET RL RL SLOW IUTO 08 51:18 AM Mar 34, 2017		Keynghi Spectrum Ananyze - Skept SA DV RL NJ 51/G AC SENSE SWT SOURCE SPIT ALLON-IUTO (88-58,38 AM Mar 34, 2017	
Center Freq 1.515000000 GHz PROSENCOW IFGenicow Trace 10 and Provide Comparison of the second of	Frequency	Conter Freg 6.500000000 GHz Tig Free Run PRO:Fest Conter Freg 6.500000000 GHz Tig Free Run PRO:Fest Conter Fred 8.50000000 GHz Tig Free Run PRO:Fest Conter Fred 9.500000000 GHz Tig Free Run	Frequency
Ref Offset 13.6 dB Mkr3 2.472 6 GHz 10 dB/dw Ref 40.00 dBm -20.97 dBm		Ref Offset 13.6 dB Mkr1 3.042 GHz 10 dB/div Ref 40.00 dBm -24.75 dBm	Auto Tuni
	Center Freq 1.515000000 GHz		Center Free 6 500000000 GH
100 100 500	Start Freq 30,000000 MHz	300	Start Free 3.000000000 GH
30 Names and a standard and a Standard and a standard and a	Stop Freq 3.00000000 GHz	30 D Material and A Synchronial Association and Associational Association and As Association and Association and Associationand Association and Association and Association and Association	Stop Free 10 000000000 GH
Start 0.030 GHz Stop 3.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz Sweep 3.600 ms (1001 pts) was MOB first SQL x 9 Function informed information purchase	CF Step 297.000000 MHz Auto Man	Start 3.000 GHz Stop 10.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz Sweep 11.67 ms (1001 pt) BMR MODE TO: SUL X Parton With Function With Environment	CF Ster 700,000000 MH
1 N 1 T 823.0 MHz 29.84 dBm 2 N 1 T 1.648 4 GHz -28.19 dBm 3 N 1 T 2.472 6 GHz -20.97 dBm 5 - - - - - -	Freq Offset 0 Hz	N 3 T 3.042 GHz -24.75 dBm 3 5	Freq Offse 0 H
		6 7 8 9 10	
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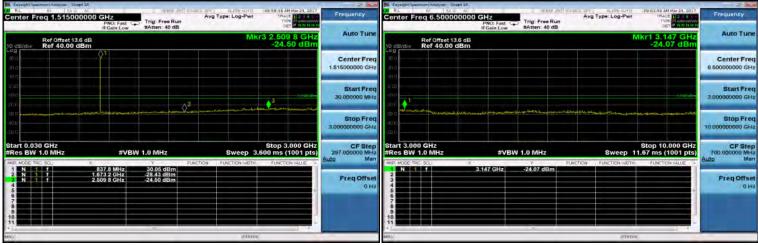
3GHz~10GHz_EDGE_850MHz_LowCH128-824.2

30MHz~3GHz_EDGE_850MHz_HighCH251-848.8

Koyaght Spacewer Analyzer - Shapt SA San San San San San San San San San		Konsight Spectrum Analyzer - Sharpt SA Senstriating and Senstriating and ALION	212 44
Centor Freq 6.500000000 GHz Trig: Free Run PND: Fast C Trig: Free Run Free Run trig: Free Run Hestin Low	Frequency	Center Freq 1.515000000 GHz Trig: Free Run IFGail: Ken: 40 dB OFF Free Run Avg Type: Log-Pwr IFGail: Avg Type: Log-Pwr IFGail	Frequency
Ref Offset 13.6 dB Mkr1 3.231 GHz 10 dB/div Ref 40.00 dBm -24.62 dBm	Auto Tune	Ref Offset 13.6 dB MKr3 2,546 4 GHz 10 dBrdiv Ref 40.00 dBm -24.27 dBm	Auto Tune
20	Center Freq 6.500000000 GHz		Center Freq 1.515000000 GHz
ann son son	Start Freq 3.000000000 GHz	1/10 non 700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Start Freq 30.000000 MHz
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N T 3.231 GHz -24 62 dBm 3	Freq Offset 0 Hz	1 N 1 F B497 MHz 30.05 dBm 2 N 1 F 1697 6 GHz -28.38 dBm 4 2 2 N 1 F 22446 1 GHz -24.27 dBm 6 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Freq Offset 0 Hz
7 8 9 10 11			
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30MHz~3GHz_EDGE_850MHz_MidCH190-836.6

3GHz~10GHz_EDGE_850MHz_HighCH251-848.8



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Report No.: ER/2017/30117 Page 167 of 340

30MHz~3GHz_GPRS_1900MHz_LowCH512-1850.2

3GHz~10GHz_GPRS_1900MHz_MidCH661-1880

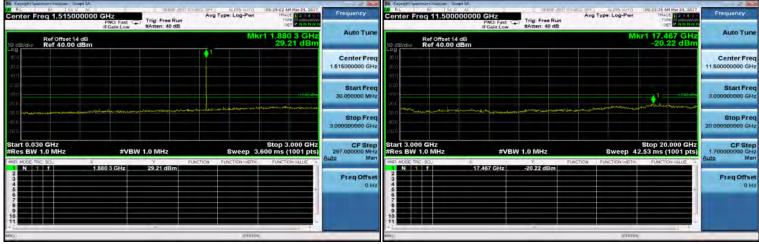
2.8	and the second		Ma Kayanghit Spactnam Anunyzer - Silva					ht Spectrum Analyzer - Swept SA
Frequency	Avg Type: Log-Pwr THACE THE OF		Center Freq 11.5000	Frequency	CH 23133 AM Mar 34, 2017 TRACE 1 2 3 4 3 TYPE IN MARKING DET 1 AND TANK I	Avg Type: Log-Pwr		NU SD G AC FFreq 1.515000000 GHz PNO: Fest G IFGain:Low
Auto Tuni	Mkr1 18.351 GHz -20.52 dBm	dB IBm	10 dB/div Ref 0ffset 14	Auto Tune	1 1.850 6 GHz 29.27 dBm	Mk		Ref Offset 14 dB Ref 40.00 dBm
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Stop Free 20 000000000 GH	n an	an a reading a free designment of the second se	15.5	Stop Freq 3.000000000 GHz		and a star and a star and a performance		فليسرد ورم مدوان المحمد من مساول معدم مريد وروي و
CF Step 1.70000000 GH Auto Mar	Stop 20.000 GHz Sweep 42.53 ms (1001 pts)	#VBW 1.0 MHz	Start 3.000 GHz #Res BW 1.0 MHz		Stop 3.000 GHz 600 ms (1001 pts)	Sweep 3.	W 1.0 MHz	0.030 GHz BW 1.0 MHz #VBM
Freq Offse 0 H		18.351 GHz -20.52 dBm	1 N 1 T	Freq Offset 0 Hz	PORCIONINADO	Policitor Policitor Month,	29.27 dBm	1.850 6 GHz
			0 7 8 9 10 11					
_	STATUS		1		1	STÁTUS		

3GHz~10GHz_GPRS_1900MHz_LowCH512-1850.2

30MHz~3GHz_GPRS_1900MHz_HighCH810-1909.8 0000 GHz PNO: Fest C Trig: Free Run No: Fest C Trig: Free Run DODO GH2 PNO: Fast C Trig: Free Run ea 11.50 er Freg 1.5150 Auto Tu Auto Tu Ref Offset 14 dB Ref 40.00 dBm Ref Offset 14 dB Ref 40.00 dBn Center Fr Center Fre Start Fre Start Fre ¢ Stop Fre Stop Fre 3.000 GHz Stop 20.000 GH .030 GHz Stop 3.000 GH CF Step CF Ste #VBW 1.0 M #VBW 1.0 MH 297.0 Freq Offse Freq Offs

30MHz~3GHz_GPRS_1900MHz_MidCH661-1880

3GHz~10GHz_GPRS_1900MHz_HighCH810-1909.8



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Report No.: ER/2017/30117 Page 168 of 340

30MHz~3GHz_EDGE_1900MHz_LowCH512-1850.2

3GHz~10GHz_EDGE_1900MHz_MidCH661-1880

RL R/ Shart Shart Analyzer - Shart SA					Keynight Spectrum Analyzer - Silve	ipt SA		09-48:39 AM Mar 24, 2017	2.2.2
Center Freq 1.515000000		Avg Type: Log-Pwr	TYPE P DIVISION	Frequency	Center Freq 11.5000		Avg Type: Log-Pwr	09:46:39 AM Mar 24, 2017 TRACE 1 2 4 4 TYPE PROVIDENT	Frequency
Ref Offset 14 dB			.850 6 GHz 28.31 dBm	Auto Tune	Ref Offset 14	dB IBm	Mk	r1 17.688 GHz -19.98 dBm	Auto Tune
300 310				Center Freq 1.515000000 GHz	300 310				Center Free 11.500000000 GH
416) -000 -2011			-900 කා	Start Freq 30.000000 MHz	1/10) 		and the second state of th	1	Start Freq 3:000000000 GHz
-30.0 provide and a second sec	An and Andrew Construction of the adverse of Management design of the Andrew Construction of the Andrew Constru			Stop Freq 3.00000000 GHz	-400 -500	and a strange of the			Stop Fred 20.00000000 GH
Start 0.030 GHz #Res BW 1.0 MHz	#VBW 1.0 MHz	Sweep 3,600		CF Step 297.000000 MHz Auto Man	Start 3.000 GHz #Res BW 1.0 MHz	#VBW 1.0 MHz	Sweep 42	Stop 20.000 GHz .53 ms (1001 pts)	CF Step 1.70000000 GHJ Auto Mar
	1.850 6 GHz 28.31 dBm	NETION FUNCTION WIDTH P	EUNCTION VALUE	Freq Offset 0 Hz	MRR MODE TRC SCL 1 N 1 7 3 4 5	× 77.688 GHz -19.98 dBm	LUNCTION FUNCTION WIBTH	FUNCTION VALUE	Freq Offset 0 Hz
6 7 8 9 10					6 7 8 9 10				
(CEN		STATUS	- 1 7		(CBM		STATUS		

3GHz~10GHz_EDGE_1900MHz_LowCH512-1850.2

30MHz~3GHz_EDGE_1900MHz_HighCH810-1909.8 0000 GHz PNO: Fast C Trig: Free Run Notice: 40 dB DODO GH2 PNO: Fast C Trig: Free Run a 11.50 er Freg 1.5150 Auto Tu Auto Tu Ref Offset 14 dB Ref 40.00 dBm Ref Offset 14 dB Ref 40.00 dBn Center Fr Center Fre Start Fre Start Fre ٠ Stop Fre Stop Fre 3.000 GHz Stop 20.000 GH 0.030 GHz Stop 3.000 GH CF Step CF Ste #VBW 1.0 M #VBW 1.0 MH 2.6 297.0 Freq Offse Freq Offs

30MHz~3GHz_EDGE_1900MHz_MidCH661-1880

3GHz~10GHz_EDGE_1900MHz_HighCH810-1909.8



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Report No.: ER/2017/30117 Page 169 of 340

30MHz~3GHz_CDMA2000_BC0_LowCH1013-824.7

3GHz~10GHz_CDMA2000_BC0_MidCH384-836.52

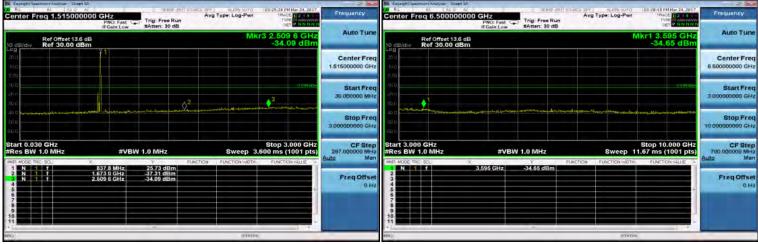
Center Freq 1.51500	PNO: Fast G IFGain:Low	Trig: Free Run #Atten: 30 dB	Avg Type: Log-Pw		Frequency	Center Freq 6.500000	PNO: Fast C Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr TRACE T2 3 4 TYPE	
10 dB/div Ref 0ffset 13.	6 dB IBm		N	lkr3 2.474 1 GHz -35.69 dBm	Auto Tune	10 dB/div Ref Offset 13.6 Ref 30.00 dB	i dB Bm	Mkr1 3.609 GH -34.43 dBm	Auto Tune
2000 1000 1.450	¥1				Center Freq 1.515000000 GHz				Center Freq 6 500000000 GHz
400 200			2 ²	1/02/02/0	Start Freq 30.000000 MHz				Start Freq 3.000000000 GHz
40.0 Vision takan ana atawa 5000 6000	- ward Barahar y Springer	and the second secon			Stop Freq 3.000000000 GHz		and and a second se	¹⁹ 92 - ¹ 997 - ¹⁹ 97 - ¹⁹ 7 - ¹⁹	Stop Freq 10.000000000 GHz
Start 0.030 GHz #Res BW 1.0 MHz	#VB	W 1.0 MHz		Stop 3.000 GHz 3.600 ms (1001 pts)	CF Step 297.000000 MHz Auto Man	Start 3.000 GHz #Res BW 1.0 MHz	#VBW 1.0 MHz	Stop 10.000 GHz Sweep 11.67 ms (1001 pts	CF Step 700.000000 MHz Auto Man
MRR MODE TRC SCL 1 N 1 T 2 N 1 T 4 5 6	826.0 MHz 1.649 4 GHz 2.474 1 GHz	25.62 dBm -37.34 dBm -35.69 dBm	FUNCTION	H1. FUNCTION VALUE	Freq Offset 0 Hz	MRR MODE TRC: SCL	X Y F 3.609 GHz -34.43 dBm	UNCTION FUNCTION WIGTH FUNCTION VALUE >	Freq Offset 0 Hz
7 8 9 10 11						7 9 10 11			
CRIM			STAT	rus.		MBO		STATUS	

3GHz~10GHz_CDMA2000_BC0_LowCH1013-824.7

30MHz~3GHz_CDMA2000_BC0_HighCH777-848.31 Avg Type: Log-000 GHz er Freg 1.515000000 GHz 0 6.5 Trig: Free Run C Trig: Free Run Auto Tu Auto Tu .544 9 G Ref Offset 13.6 dB Ref 30.00 dBm Ref Offset 13.6 dB Ref 30.00 dBm 3.308 G Center Fr Center Fre Start Fre Start Fre ¢³ Stop Fre Stop Fre Stop 10.000 GH: ep 11.67 ms (1001 pts 3.000 GHz 0.030 GHz Stop 3.000 GH CF Step CF Ste #VBW 1.0 M #VBW 1.0 MH 3.6 297.0 26.13 dBr -37.03 dBr -33.94 dBr 849.7 MHz 1.696 5 GHz 2.544 9 GHz Freq Offse Freq Offse

30MHz~3GHz_CDMA2000_BC0_MidCH384-836.52

3GHz~10GHz_CDMA2000_BC0_HighCH777-848.31



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30MHz~3GHz_EVDO_BC0_LowCH1013-824.7

3GHz~10GHz_EVDO_BC0_MidCH384-836.52

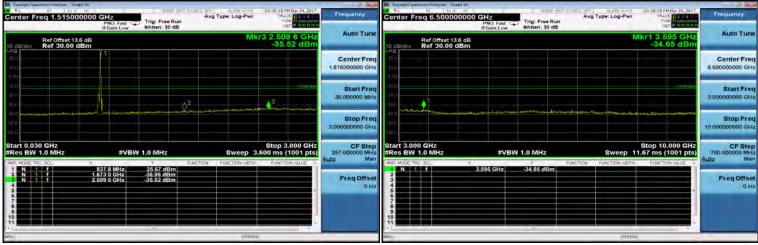
0.2			Keynight Spectrum Analyzer - Skrept SA	2 2 44					M. Kwywight Spectralini Analyzer - Silvet
Frequency	Avg Type: Log-Pwr TRACE TO THE TRACE TO THE TRACE TO THE TRACE TO THE TOT THE TRACE TO THE TOT THE TRACE TO THE TOT TO TTO THE TOT TO THE TOT TOT TO THE TOT TO THE TOT TO THE TOT TO TOT TOT TOT TOT TOT TOT TOT		RL RI 10 10 40 Center Freq 6.500000000		COLORISE PM Mar 24, 2017 TRACE 12 2 4 2 TYPE PLONADAUNTO DET PLN K M R	Avg Type: Log-Pwr	and the second second		Center Freq 1.515000
Auto Tun	Mkr1 3.609 GHz -34.43 dBm		10 dB/div Ref Offset 13.6 dB	Auto Tune	r3 2.474 1 GHz -33.72 dBm	Mk		dB Bm	Ref Offset 13.0 10 dB/div Ref 30.00 d
Center Free 6 500000000 GH			2000 1000 2755	Center Freq 1.515000000 GHz				¥1	2000 1000 1250
Start Free 3.000000000 GH	:101-23-		100. 200	Start Freq 30.000000 MHz	≤(mate		a		100 200
Stop Fre 10.000000000 GH	and a second	ىرىلىدىۋا ئىيەنچەرلىكىمىيە مىلىمە ^{سىلەر} تەتبەر يېغىلارلىزىدىرىدەم يېن		Stop Freq 3,00000000 GHz		۵ ئىلىسىغىنىيە تەرىپىيە تەرىپىيەن بىلىرى مەرىپىيەن بىلىرى	i na mana na mana na mana di kana di ka Na mana na mana n	aan ah ha na maa ah a	40.0
CF Step 700.000000 MH Auto Mar	Stop 10.000 GHz Sweep 11.67 ms (1001 pts)	#VBW 1.0 MHz	Start 3.000 GHz #Res BW 1.0 MHz	CF Step 297.000000 MHz Auto Man	Stop 3.000 GHz 600 ms (1001 pts)		V 1.0 MHz	#VBW	Start 0.030 GHz #Res BW 1.0 MHz
Freq Offse 0 H	IOW FUNCTION WIDTH FUNCTION VALUE -	509 GHz -34.43 dBm	MRR. NODE TRC SCL X	Freq Offset 0 Hz	FUNCTION VALUE	NETION : FUNCTION WIDTH:	25.41 dBm -37.99 dBm -33.72 dBm	826.0 MHz 1.649 4 GHz 2.474 1 GHz	MRR MODE TRC SOL 1 N 1 T 2 N 1 T 4 5
			7 8 9 10 11						7 8 9 10 11
	STATUS		CR			STATUS			CEN

3GHz~10GHz_EVDO_BC0_LowCH1013-824.7

30MHz~3GHz_EVDO_BC0_HighCH777-848.31 DOD GHZ PNO: Fast C Trig: Free Run er Freg 1.5150 0000 GHz er Fred 6.50 Trig: Free Run Auto Tu Auto Tu Ref Offset 13.6 dB Ref 30.00 dBm Ref Offset 13.6 dB Ref 30.00 dBm 3.308 0 Center Fr Center Fre Start Fre Start Fre ¢³ Stop Fre Stop Fre Stop 10.000 GH: ep 11.67 ms (1001 pts 3.000 GHz 0.030 GHz Stop 3.000 GH CF Step CF Ste #VBW 1.0 M #VBW 1.0 MH 2.6 297.0 74 26.29 dBr -37.15 dBr -33.99 dBr 849.7 MHz 1.696 5 GHz 2.544 9 GHz Freq Offse Freq Offse

30MHz~3GHz_EVDO_BC0_MidCH384-836.52

3GHz~10GHz_EVDO_BC0_HighCH777-848.31



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Report No.: ER/2017/30117 Page 171 of 340

30MHz~3GHz_CDMA2000_BC1_LowCH25-1851.3

3GHz~10GHz_CDMA2000_BC1_MidCH600-1880

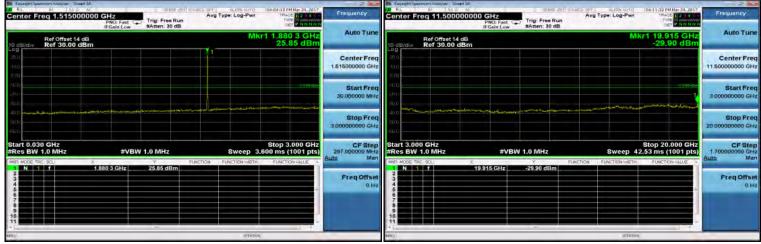
	NES ST	Keynight Spectrum Anunyzer - Swept SA SE REL AL SERVER SMIT	21.2	Stri SOLIES ST ALION AUTO (04:01:51 PM Mar 34, 2017	gtit Spectrum Analyzer - Skapt SA R/ 55 G AC Street Jun 3
Frequency	Avg Type: Log-Pwr INACE TYPE TYPE OFT PINN NUMP	Center Freq 11.500000000 GHz PND: Fast Con FGainLow #Atten: 30 dB	Frequency	Avg Type: Log-Pwr TRACE D2141	er Freq 1.515000000 GHz PNO: Fest Carl Trig: Free Run #Atten: 30 dB
Auto Tune	Mkr1 17.416 GHz -30.42 dBm	Ref Offset 14 dB 10 dB/div Ref 30.00 dBm	Auto Tune	Mkr1 1,850 6 GHz 25,73 dBm	Ref Offset 14 dB (div Ref 30.00 dBm
Center Fred 11.500000000 GH			Center Freq 1.515000000 GHz		
Start Free 3.000000000 GH;	مرید (1) اور	-00 	Start Freq 30.000000 MHz	ې د د د د د د د د د د د د د د د د د د د	
Stop Fred 20.00000000 GH		40 0	Stop Freq 3.00000000 GHz		Maria Arrand Langton and Arrian and a star and a grant or any and driven a friend Arrange (Calman and
CF Step 1.70000000 GHu Auto Mar	Stop 20.000 GHz Sweep 42.53 ms (1001 pts)	Start 3.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz www.wopet.tecl.scu x Y	CF Step 297.000000 MHz Auto Man	Stop 3.000 GHz Sweep 3.600 ms (1001 pts)	0.030 GHz BW 1.0 MHz #VBW 1.0 MHz
Freq Offset 0 Hi		1 N 1 f 17.416 GHz -30.42 dBm 2 3 4 4 5 5	Freq Offset 0 Hz		N 1 T 1,850 6 GHz 25.73 dBm
	STATUS	CRIM		STATUS	

3GHz~10GHz_CDMA2000_BC1_LowCH25-1851.3

30MHz~3GHz_CDMA2000_BC1_HighCH1175-1908.8 PNO: Freq 1.515000000 GHz PNO: Fest Co Trig: Free Run PNO: Fest Co Trig: Free Run Avg Type: Log 00000 GHz PNO: Fest C Trig: Free Run Avg Type: L er Freg 11.50 Auto Tu Auto Tu Ref Offset 14 dB Ref 30.00 dBm Ref Offset 14 dB Ref 30.00 dBm .910 0 Center Fr Center Fre Start Fre Start Fre Stop Fre Stop Fre Stop 3.000 GH 3.000 GHz Stop 20.000 GH 0.030 GHz BW 1.0 M CF Step CF Ste #VBW 1.0 M #VBW 1.0 MH 297.0 18.147 G Freq Offse Freq Offse

30MHz~3GHz_CDMA2000_BC1_MidCH600-1880

3GHz~10GHz_CDMA2000_BC1_HighCH1175-1908.8



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30MHz~3GHz_EVDO_BC1_LowCH25-1851.3

3GHz~10GHz_EVDO_BC1_MidCH600-1880

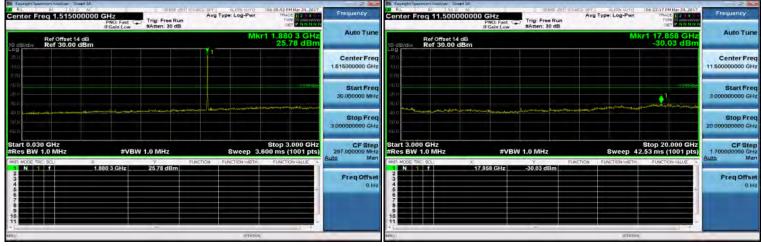
		Keyinght Spectrum Anunyzer - Swept SA				Keyaight Spectrum Analyter - Swept SA
Frequency	Street and Source and Auton buro (04-21:16 PM Nar 24, 2017 Avg Type: Log-Pwr TRACE [12:5 C - g: Free Run ten: 30 dB 0er Pitcher	Center Freq 11.500000000 GHz PNOT IFGain	Frequency	Aug Type: Log-Pwr Trace 12.44 Type: Log-Pwr Trace 12.44 Type: Log-Pwr Trace 12.44 Type: Log-Pwr Trace 12.44 Type: Log-Pwr		Center Freq 1.51500000
Auto Tuni	Mkr1 18.283 GHz -29.78 dBm	Ref Offset 14 dB	Auto Tune	Mkr1 1,853 6 GHz 25.71 dBm	B 3m	Ref Offset 14 dB
Center Free 11.500000000 GH			Center Freq 1.515000000 GHz	1		2000 1000 2000
Start Fred 3.000000000 GHz	5100 Dec	30.0	Start Freq 30,000000 MHz	31000		-000
Stop Fred 20 00000000 GH	An and a fair and a second	40 0 00 D 460 D	Stop Freq 3,00000000 GHz	an and the second and the second s	۵	10.0
CF Step 1.700000000 GH Auto Mar	Stop 20.000 GHz MHz Sweep 42.53 ms (1001 pts)	Start 3.000 GHz #Res BW 1.0 MHz	CF Step 297.00000 MHz Auto Man	Stop 3.000 GHz Sweep 3.600 ms (1001 pts) UNICTION I FUNCTION VALUE	#VBW 1.0 MHz	Start 0.030 GHz #Res BW 1.0 MHz
Freq Offset 0 Hi	.78 dBm	1 N 1 f 18.283 Gł 3 4 5	Freq Offset 0 Hz		1.853 6 GHz 25.71 dBm	1 N 1 f 2 3 4 5
		0 7 8 9 10				0 7 8 9 10
	STATUS	* Internet in the second secon		STATUS		• CRM

3GHz~10GHz_EVDO_BC1_LowCH25-1851.3

30MHz~3GHz_EVDO_BC1_HighCH1175-1908.8 Avg Type: L DOOD GHZ PNO: Fest C 0000 GH2 PNO: Fast C Avg Type: er Freg 11.500 er Freg 1.5150 Auto Tu Auto Tu Ref Offset 14 dB Ref 30.00 dBm Ref Offset 14 dB Ref 30.00 dBm Center Fr Center Fre Start Fre Start Fre ٠ Stop Fre Stop Fre Stop 3.000 GH p 3.600 ms (1001 pts 3.000 GHz Stop 20.000 GH 0.030 GHz BW 1.0 M CF Step CF Ste #VBW 1.0 M 1 70 #VBW 1.0 MH 297.0 17.518 G Freq Offse Freq Offse

30MHz~3GHz_EVDO_BC1_MidCH600-1880

3GHz~10GHz_EVDO_BC1_HighCH1175-1908.8



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Report No.: ER/2017/30117 Page 173 of 340

30MHz~3GHz_WCDMA_B2_LowCH9262-1852.4

3GHz~10GHz_WCDMA_B2_MidCH9400-1880

30MHz~3GHz_WCDMA_B2_HighCH9538-1907.6

0.2.2			M. Keynight Spactrains Analyzer - Skrapt S				M Keynight Spectrum Anulyzer - S/rept SA
Frequency	Avg Type: Log-Pwr TRACE 12:00:11 PM Har 24, 2017 Avg Type: Log-Pwr TRACE 12:00 Type: OET P 11:01:00		Center Freq 11.500000	Frequency	Avg Type: Log-Pwr TRect T2 4, 2017 Avg Type: Log-Pwr TRect T2 4, 2017		Center Freq 1.515000000
Auto Tune	Mkr1 17.739 GHz -30.26 dBm	dB Bm	10 dEvolv Ref Offset 14 dE	Auto Tune	Mkr1 1,853 6 GHz 23,62 dBm		Ref Offset 14 dB
Center Fred 11.500000000 GH				Center Freq 1.515000000 GHz			2000 1000
Start Freq 3.000000000 GHz	۱۱۲۹۹ می در ۲۹۹۹ می در مرابع های در مربوب می در ۲۹۹۹ می د			Start Freq 30.000000 MHz			400
Stop Freq 20 000000000 GH/		an a	in the second	Stop Freq 3.00000000 GHz	and a second		40.0 internetion for a syntax method between the sector of
CF Step 1.70000000 GHu Auto Man	Stop 20.000 GHz Sweep 42.53 ms (1001 pts)	#VBW 1.0 MHz	Start 3.000 GHz #Res BW 1.0 MHz	CF Step 297.000000 MHz Auto Man	Stop 3.000 GHz Sweep 3.600 ms (1001 pts) UNICTION FUNCTION VALUE	#VBW 1.0 MHz	Start 0.030 GHz #Res BW 1.0 MHz
Freq Offset 0 Hz		17.739 GHz30.26 dBm	1 N 1 f 23 4 5	Freq Offset 0 Hz		1.853 6 GHz 23.52 dBm	1 N 1 1 1.8
			7 8 9 10 11				7 8 9 10 11
	státus		(calify		STATUS		MBG

3GHz~10GHz_WCDMA_B2_LowCH9262-1852.4

PNO: Fest (-) Trig: Free Run Ava Type PNO: Fest C Trig: Free Run #Atten: 30 dB er Freg 11.500 er Freg 1.5150 Auto Tu Auto Tu Ref Offset 14 dB Ref 30.00 dBm Ref Offset 14 dB Ref 30.00 dBm .907 0 G 23.64 di Center Fr Center Fre Start Fre Start Fre • Stop Fre Stop Fre Stop 3.000 GH p 3.600 ms (1001 pts 3.000 GHz Stop 20.000 GH 0.030 GHz CF Step CF Ste #VBW 1.0 M 1 70 #VBW 1.0 MH 297.0 Freq Offse Freq Offs

30MHz~3GHz_WCDMA_B2_MidCH9400-1880

3GHz~10GHz_WCDMA_B2_HighCH9538-1907.6



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Report No.: ER/2017/30117 Page 174 of 340

30MHz~3GHz_HSDPA_B2_LowCH9262-1852.4

3GHz~10GHz_HSDPA_B2_MidCH9400-1880

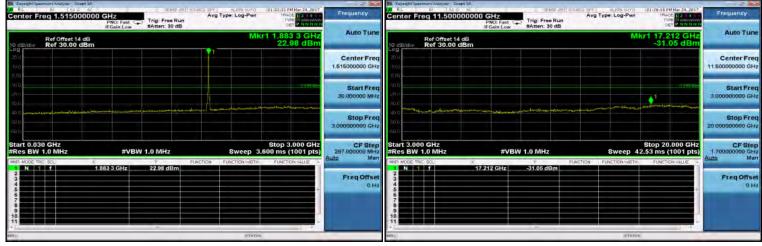
			M Kwyarght Spectreim Anulyzer - Silve	and the second se			Keyaight Spectrum Analyzer - Sloept SA
Frequency	Vg Type: Log-Pwr TRACE 122:47 PH Ner 24, 2017 TRACE 122:47 PH Ner 24, 2017 TRACE 122:47 PH Ner 24, 2017 TRACE 122:47 PH Ner 24, 2017		Center Freq 11.5000		Avg Type: Log-Pwr		Center Freq 1.5150000
Auto Tune	Mkr1 17.314 GHz -30.15 dBm	4 dB dBm	Auto Tune 10 dB/div Ref 30.00 d	Mkr1 1,853 6 GHz 22,83 dBm	Mkr	B 3m	10 dB/div Ref 30.00 dBr
Center Free 11.500000000 GH			Center Freq 200 1.515000000 GHz 100				2000 10.0 1.00
Start Fred 3.000000000 GHz			Start Freq 30.00000 MHz 30.0	-(f0)@n			400
Stop Fred 20 000000000 GH		n San Aran yang yang pantan manan kan pertanakan pertanakan pertanakan pertanakan pertanakan pertanakan pertana	Stop Freq 40 0 3,000000000 GHz 60 0		مەرىپىلەرمەرىيە بولىدۇرىيەر بەرىپىلەر بەرىپىلەر بەرىپىلەر تەرىپىلەر تەرىپىلەر تەرىپىلەر تەرىپىلەر تەرىپىلەر تە تەرىپىلەر تەرىپىلەر بىرىپىلەر بىرىپىلەر بىرىپىلەر بىرىپىلەر تەرىپىلەر تەرىپىلەر تەرىپىلەر تەرىپىلەر تەرىپىلەر تە	gant () ha in the property of the first stand of the lines	40.0
CF Step 1,70000000 GHL Auto Mar	Stop 20.000 GHz Sweep 42.53 ms (1001 pts)	#VBW 1.0 MHz	CF Step 297,00000 MHz Auto Man	Stop 3.000 GHz 3.600 ms (1001 pts)	Sweep 3.6	#VBW 1.0 MHz	Start 0.030 GHz #Res BW 1.0 MHz
Freq Offset 0 Hi		17.314 GHz -30.15 dBm	Preg Offset		n	1.853 6 GHz 22.83 dBm	1 N 1 1 23 4 5
			7 9 10 11				7 8 9 10 11
	STATUS		(CAN)	Attus	STATUS		MBG

3GHz~10GHz_HSDPA_B2_LowCH9262-1852.4

30MHz~3GHz_HSDPA_B2_HighCH9538-1907.6 Avg Type: L PNO: Fest C Trig: Free Run PNO: Fast C er Freg 11.500 er Freg 1.515 Auto Tu Auto Tu Ref Offset 14 dB Ref 30.00 dBm Ref Offset 14 dB Ref 30.00 dBm Center Fr Center Fre Start Fre Start Fre ٠ Stop Fre Stop Fre Stop 3.000 GH: p 3.600 ms (1001 pts 3.000 GHz Stop 20.000 GH 0.030 GHz BW 1.0 M CF Step CF Ste #VBW 1.0 M #VBW 1.0 MH 297.0 Freq Offse Freq Offse

30MHz~3GHz_HSDPA_B2_MidCH9400-1880

3GHz~10GHz_HSDPA_B2_HighCH9538-1907.6



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Report No.: ER/2017/30117 Page 175 of 340

30MHz~3GHz_HSUPA_B2_LowCH9262-1852.4

3GHz~10GHz_HSUPA_B2_MidCH9400-1880

182. Kopagiti Spactouri Awayar - Shapi SA 192.07-45 PM Har 24, 2017 URL 84 50 0 42 Streth divid course per 44,104 - Uro 192.11:07 PM Har 24, 2017			Keyaght Spectrum Analyzer - Skupt SA COR RL AL SI G AC SI
TRUCE In State To Truce In Sta	Frequency	Avg Type: Log-Pwr TRACE D 2 3 4 9 1	Center Freq 1.515000000 GHz
rt 1,853 6 GHz 22.56 dBm Ref Offset 14 dB Mkr1 18.249 GHz 10 gB/div Ref 30.00 dBm -30.78 dBm	Auto Tune	B Mkr1 1,853 6 GHz 3m 22.56 dBm	Ref Offset 14 dB
Center Freq 200 Center Freq 1.51500000 GHz 1050			200
Start Freq 300 Start Freq 3000000000000000000000000000000000000			100
Nuther Constant Stop Freq 3,00000000 GHz 101 101 101 101 101 101 101 10		ann an tha an	40.0
Stop 3.000 GHz CF Step 600 ms (1001 pts) Stop 20.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz Stop 20.000 GHz \$weep 42.53 ms (1001 pts) CF Step 1.0000000 GHz Auto Function value Man	297,000000 MHz	#VBW 1.0 MHz Sweep 3.600 ms (1001 pts)	Start 0.030 GHz #Res BW 1.0 MHz #VBW 1.0 MH:
I N I I III IIII IIII IIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII		1 853 6 GHz 22.56 dBm	
			0 7 8 9 10 11
NED VIEN CONTRACTOR		ETATUS	* WBO

3GHz~10GHz_HSUPA_B2_LowCH9262-1852.4

30MHz~3GHz_HSUPA_B2_HighCH9538-1907.6 PNO: Fest C Trig: Free Run #Atten: 30 dB Avg Type DOOD GHZ PNO: Fast C Trig: Free Run #Atten: 30 dB er Freg 11.500 er Freg 1.515 Auto Tu Auto Tu Ref Offset 14 dB Ref 30.00 dBm Ref Offset 14 dB Ref 30.00 dBm Center Fr Center Fre Start Fre Start Fre ٠ Stop Fre Stop Fre Stop 3.000 GH p 3.600 ms (1001 pts 3.000 GHz Stop 20.000 GH 0.030 GHz BW 1.0 M CF Step CF Ste #VBW 1.0 M 1 70 #VBW 1.0 MH 297.0 Freq Offse Freq Offse

30MHz~3GHz_HSUPA_B2_MidCH9400-1880

3GHz~10GHz_HSUPA_B2_HighCH9538-1907.6



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30MHz~3GHz_WCDMA_B5_LowCH4132-826.4

3GHz~10GHz_WCDMA_B5_MidCH4183-836.6

21.20			Keynight Spectrum Anunyzer - Sloept SA						Ma Kuyanghit Spactrateri Ananyzar - Sile
Frequency Auto Tune	Avg Type: Log-Pwr TRACE T2 4 Tree Det Porter		Center Freq 6.50000000	Frequency Auto Tune	11:44:12 MM Mar 24, 2017 TRACE 12:3:4:3 TYPE 24 MMMMMMM DET P N N MMMM	Avg Type: Log-Pwr	and the state		Center Freq 1.51500
Auto i une	Mkr1 3.217 GHz -34.74 dBm	iB m	10 dB/div Ref 30.00 dBm	Auto i une	r3 2.479 2 GHz -34.93 dBm	Mk		dB Bm	10 dB/div Ref 30.00
Center Free 6.500000000 GH				Center Freq 1.515000000 GHz					200 100 1/10
Start Free 3 000000000 GH	1000		30.0 30.0	Start Freq 30.000000 MHz	≤(max) §3		\\ ²		-000
Stop Fred 10.000000000 GH	ha an an Annaichean Annaiche	hond you after a state of the sector of the	40.0 menterpetronen entre states and states CO.D. ES.D.	Stop Freq 3,00000000 GHz			n sanda para sa kara s Kara sa kara sa	amorial land, production and	40 U
CF Step 700.000000 MHz Auto Mar	Stop 10.000 GHz Sweep 11.67 ms (1001 pts)	#VBW 1.0 MHz	Start 3.000 GHz #Res BW 1.0 MHz		Stop 3.000 GHz 600 ms (1001 pts)	Sweep 3.	V 1.0 MHz	#VBV	Start 0.030 GHz #Res BW 1.0 MHz
Freq Offset 0 Hz		3.217 GHz -34.74 dBm	N 1 1	Freq Offset 0 Hz			23.82 dBm -37.55 dBm -34.93 dBm	828 9 MHz 1.662 8 GHz 2.479 2 GHz	1 N 1 f 2 N 1 f 3 N 1 f 4 5
			8 9 10 11						8 9 10
	STATUS		MBG			STATUS			MBQ

3GHz~10GHz_WCDMA_B5_LowCH4132-826.4

30MHz~3GHz_WCDMA_B5_HighCH4233-846.6 Avg Type: Log DOD GHZ PNO: Fast C Trig: Free Run er Freg 1.515 0000 GHz er Fred 6.50 Trig: Free Run Auto Tu Auto Tu Ref Offset 13.6 dB Ref 30.00 dBm Ref Offset 13.6 dB Ref 30.00 dBm Center Fr Center Fre Start Fre Start Fre 3 Stop Fre Stop Fre Stop 10.000 GH: ep 11.67 ms (1001 pts 3.000 GHz 0.030 GHz Stop 3.000 GH CF Step CF Ste #VBW 1.0 M #VBW 1.0 MH 2 6 297.0 74 23,80 dB -38,32 dB -33,62 dB 846 8 MHz 1.693 2 GHz 2.639 8 GHz Freq Offse Freq Offse

30MHz~3GHz_WCDMA_B5_MidCH4183-836.6

3GHz~10GHz_WCDMA_B5_HighCH4233-846.6



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Report No.: ER/2017/30117 Page 177 of 340

30MHz~3GHz_HSDPA_B5_LowCH4132-826.4

3GHz~10GHz_HSDPA_B5_MidCH4183-836.6

		Slyapt SA	RL RU 50 G	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					Ma Kuyanghit Spactrateri Ananyzar - Sile
Frequency	Avg Type: Log-Pwr TRACE 12 c 4 Nog Type: Log-Pwr TRACE 12 c 4 Nog Type: Log-Pwr TRACE 12 c 4		Center Freq 6.50000	Frequency	01:31:07 PM Mar 24, 2017 TRACE 1 2 3 4 3 TYPE P NO MORE DET P NO MORE	Avg Type: Log-Pwr	and a state		Center Freg 1.51500
Auto Tune	Mkr1 3.161 GHz -33.59 dBm	13.6 dB 0 dBm	Ref Offset 13. 10 dB/div Ref 30.00 d	Auto Tune	3 2.479 2 GHz -34.71 dBm	Mk		dBm	10 dB/div Ref Offset 13
Center Free 6.500000000 GH				Center Freq 1.515000000 GHz					200 1000 1.000
Start Free 3.00000000 GHa	្រាល		000 200 400	Start Freq 30.000000 MHz			\$ ²		000 300 300
Stop Free 10.000000000 GH	anal dalam territori dan dan dina dan sebuah seb	ter an an ann an Anna an Anna Anna Anna An	100	Stop Freq 3,00000000 GHz	99 (Joseph Radio) (1997 (1995 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	مېرىنى تەرىپى جەنۇلىيى ئەتىلە بىلايى يەتەتىلىرىغۇ كەسلىر	, Yerren and an and a second s	ang kanalang ding tang kana kana kana kana kana kana kana k	40.0
(S) 700.000000 MH	Stop 10.000 GHz Sweep 11.67 ms (1001 pts	#VBW 1.0 MHz	Start 3.000 GHz #Res BW 1.0 MHz	CF Step 297.000000 MHz Auto Man	Stop 3.000 GHz 500 ms (1001 pts) Function value	Sweep 3	N 1.0 MHz	#VBV	Start 0.030 GHz #Res BW 1.0 MHz
Freq Offset 0 Hi		3.161 GHz -33.59 dBm	1 N 1 f 2 3 4 4 5	Freq Offset 0 Hz		Partinoar , Portinoarmont,	23,45 dBm -37,69 dBm -34,71 dBm	828 9 MHz 1.652 8 GHz 2.479 2 GHz	1 N 1 T 2 N 1 T 3 N 1 T 4
			57 89 10						
	STATUS		MBG			STÁTUS			

3GHz~10GHz_HSDPA_B5_LowCH4132-826.4

30MHz~3GHz_HSDPA_B5_HighCH4233-846.6 Avg Type: Log PNO: Fast C Trig: Free Run DOOD GHZ PNO: Fast C Trig: Free Run er Freg 1.5150 er Freg 6.50 Auto Tu Auto Tu Ref Offset 13.6 dB Ref 30.00 dBm 3.042 GI Ref Offset 13.6 dB Ref 30.00 dBm .539 8 C Center Fr Center Fre Start Fre Start Fre Stop Fre Stop Fre Stop 10.000 GH: ep 11.67 ms (1001 pts 3.000 GHz 0.030 GHz Stop 3.000 GH CF Step CF Ste #VBW 1.0 M #VBW 1.0 MH 2.6 297.0 74 23.37 dBr -37.84 dBr -34.80 dBr 846 8 MHz 1.693 2 GHz 2.639 8 GHz Freq Offse Freq Offse

30MHz~3GHz_HSDPA_B5_MidCH4183-836.6

3GHz~10GHz_HSDPA_B5_HighCH4233-846.6



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Report No.: ER/2017/30117 Page 178 of 340

30MHz~3GHz_HSUPA_B5_LowCH4132-826.4

3GHz~10GHz_HSUPA_B5_MidCH4183-836.6

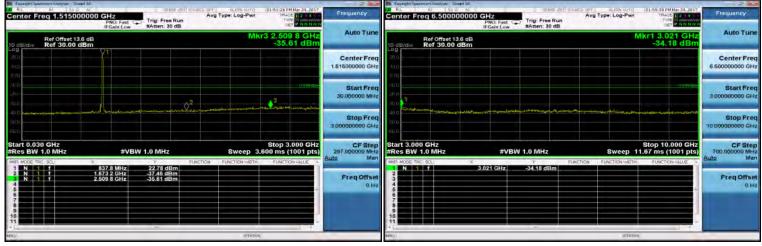
		RL RI SD G	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					PL BL BL BL BL
Frequency	GHZ AND Fast Trig: Free Run Avg Type: Log-Pwr Trig: Free Run Avg T	Center Freq 6.50000	Frequency	01:49:06 PM Nar 24, 2017 TRACE 1 2 3 4 3 TYPE N GROWMAN DET P. N. N. N. N. N.	Avg Type: Log-Pwr			Center Freq 1.5150
Auto Tuni	Mkr1 3.056 GH2 -34.35 dBm	Ref Offset 13. 10 dB/div Ref 30.00 d	Auto Tune	3 2.479 2 GHz -35.79 dBm	MK			10 dB/div Ref 0ffset 12 Ref 30.00
Center Free 6 500000000 GH			Center Freq 1.515000000 GHz					200 1000 1200
Start Free 3,000000000 GH	יסניוןי		Start Freq 30.000000 MHz	9(0)@e		agree 2		40'0
Stop Fre 10.000000000 GH	مر و من مربع مربع مربع مربع المربع من المراجع المربع من		Stop Freq 3,00000000 GHz			y na	and become the second s	40.0
CF Ster 700.000000 MH Auto Ma	Stop 10.000 GHz #VBW 1.0 MHz Sweep 11.67 ms (1001 pts Y Exector Exector Exector Structure		CF Step 297.000000 MHz Auto Man	Stop 3.000 GHz 500 ms (1001 pts)	Sweep 3.	V 1.0 MHz	#VBW	Start 0.030 GHz #Res BW 1.0 MHz
Freq Offse	3.065 GHz -34.35 dBm	1 N 1 1	Freq Offset 0 Hz	-		22.51 dBm -37.79 dBm -35.79 dBm	828 9 MHz 1.662 8 GHz 2.479 2 GHz	1 N 1 T 2 N 1 T 3 N 1 T 4 6
		7 8 9 10 11						7 8 9 10 11
-	STĂTUS	MPG			státus			COM

3GHz~10GHz_HSUPA_B5_LowCH4132-826.4

30MHz~3GHz_HSUPA_B5_HighCH4233-846.6 Avg Type: L PNO: Fast C Trig: Free Run DOO GHZ PNO: Fast C Trig: Free Run er Freg 1.5150 er Fred 6.50 Auto Tu Auto Tu Ref Offset 13.6 dB Ref 30.00 dBm Ref Offset 13.6 dB Ref 30.00 dBm Center Fr Center Fre Start Fre Start Fre 3 Stop Fre Stop Fre Stop 10.000 GHz ep 11.67 ms (1001 pte 3.000 GHz 0.030 GHz Stop 3.000 GH CF Step CF Ste #VBW 1.0 M #VBW 1.0 MH 26 297.0 23,15 dBr -36,68 dBr -33,75 dBr 846.8 MHz 1.693.2 GHz 2.639.8 GHz Freq Offse Freq Offse

30MHz~3GHz_HSUPA_B5_MidCH4183-836.6

3GHz~10GHz_HSUPA_B5_HighCH4233-846.6



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30MHz~3GHz_WCDMA_B4_LowCH1312-1712.4

3GHz~10GHz_WCDMA_B4_MidCH1413-1732.6

Key nghit Spectrum Ananyzer - Shapt SA				RL AP 50 G				212 10
Center Freq 1.515000000 0		Avg Type: Log-Pwr TRADE 12:21:07 PM Mar 24, 2011	Frequency	Center Freq 11.5000		Avg Type: Log-Pwr	12-24 30 PM Mar 34, 2017 TRADE 1 2 34 5 TVPE M 000000000 DET 7 Mr. Mar 20	Frequency
Ref Offset 14 dB 10 dB/div Ref 30.00 dBm		Mkr1 1.714 0 GH 23.58 dBm		Ref Offset 14	dB dBm	M	4r3 5.198 GHz -38.85 dBm	Auto Tune
200			Center Freq 1.515000000 GHz					Center Fred 11.500000000 GHz
-000 		-100 da	Start Freq 30.000000 MHz					Start Freq 3:000000000 GHz
40.0 www.undonka.com.ml-anadronnia.com 30.0 VED 0	ener belan in strangen signer sonder beinder beginden.	and a second	Stop Freq 3,00000000 GHz		a an	and a set of the set o		Stop Fred 20.00000000 GH/
Start 0.030 GHz #Res BW 1.0 MHz	#VBW 1.0 MHz	Stop 3.000 GHz Sweep 3.600 ms (1001 pts	CF Step 297.000000 MHz Auto Man	Start 3.000 GHz #Res BW 1.0 MHz	#VBW 1.0 MHz	Sweep 42.	Stop 20.000 GHz 53 ms (1001 pts)	CF Step 1.70000000 GHu Auto Man
	14 0 GHz 23.58 dBm		Freq Offset 0 Hz	1 N 1 f 2 N 1 f 3 N 1 f 4	17.722 GHz -30.98 dBm 3.465 GHz -36.86 dBm 5.198 GHz -38.86 dBm		-	Freq Offset 0 Hz
7 8 9 9 10 11				7 8 9 10 11				
• CRM		STATUS		• CRM		STATUS	1.1	

3GHz~10GHz_WCDMA_B4_LowCH1312-1712.4

30MHz~3GHz_WCDMA_B4_HighCH1513-1752.6 DOOD GHZ PNO: Fest ---- Trig: Free Run #Atten: 30 dB 0000 GHZ PNC: Fast ---- Trig: Free Run PAtter: 30 dB Avg Type: L er Freg 11.50 er Freg 1.515 Auto Tu Auto Tu Ref Offset 14 dB Ref 30.00 dBm Ref Offset 14 dB Ref 30.00 dBm Center Fr Center Fre Start Fre Start Fre Stop Fr Stop Fre Stop 20.000 GH 42.53 ms (1001 pt Stop 3.000 GH 0.030 GHz CF Step CF Ste #VBW 1.0 MH 1 70 #VBW 1.0 MH 297.0 1.755 6 G 7.875 GHz 3.425 GHz 5.137 GHz -30.55 dE -37.90 dE Freq Offse Freq Offs

30MHz~3GHz_WCDMA_B4_MidCH1413-1732.6

3GHz~10GHz_WCDMA_B4_HighCH1513-1752.6



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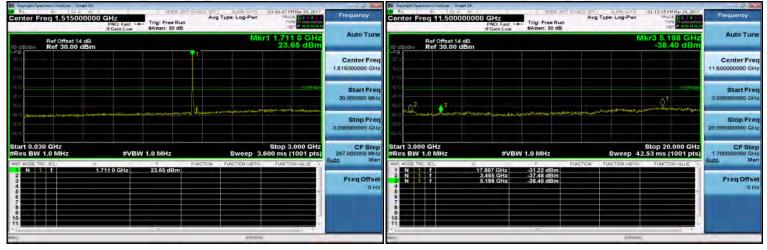
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30MHz~3GHz_HSDPA_B4_LowCH1312-1712.4

3GHz~10GHz_HSDPA_B4_MidCH1413-1732.6

30MHz~3GHz_HSDPA_B4_HighCH1513-1752.6

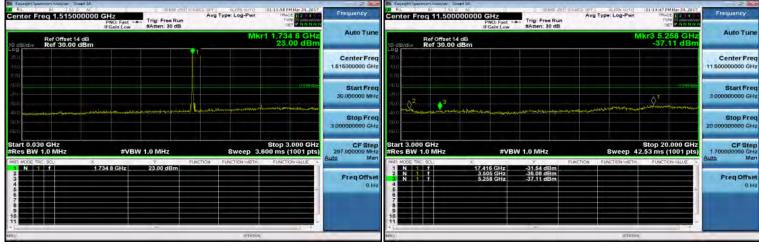


3GHz~10GHz_HSDPA_B4_LowCH1312-1712.4

DOODO GHZ PNO: Fest ---- Trig: Free Run Hatten: 30 dB Avg Type: Log-F PNO: Fest ---- Trig: Free Run er Freg 11.500 er Freg 1.515 Auto Tu Auto Tu Ref Offset 14 dB Ref 30.00 dBn 5.137 G Ref Offset 14 dB Ref 30.00 dBn Center Fr Center Fre Start Fre Start Fre 01 Stop Fre Stop Fre Stop 20.000 GH .030 GHz Stop 3.000 GH CF Step CFS #VBW 1.0 M 1 70 #VBW 1.0 MH n 3.6 297.0 7.875 GHz 3.425 GHz 5.137 GHz -31.29 de -36.19 de -39.14 de Freq Offse Freq Offse

30MHz~3GHz_HSDPA_B4_MidCH1413-1732.6

3GHz~10GHz_HSDPA_B4_HighCH1513-1752.6



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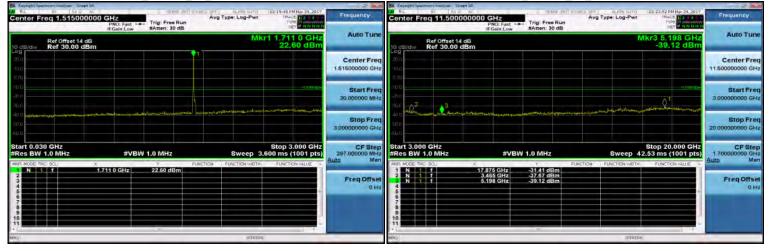
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30MHz~3GHz_HSUPA_B4_LowCH1312-1712.4

3GHz~10GHz_HSUPA_B4_MidCH1413-1732.6

30MHz~3GHz_HSUPA_B4_HighCH1513-1752.6



3GHz~10GHz_HSUPA_B4_LowCH1312-1712.4

DOODO GHZ PNO: Fest --- Trig: Free Run Hatten: 30 dB Avg Type: Log-PNO: Fast ---- Trig: Free Run er Freg 11.500 er Freg 1.515 Auto Tu Auto Tu Ref Offset 14 dB Ref 30.00 dBn Ref Offset 14 dB Ref 30.00 dBn Center Fr Center Fre Start Fre Start Fre Stop Fre Stop Fre Stop 20.000 GH .030 GHz Stop 3.000 GH CF Step CFS #VBW 1.0 M 1 70 #VBW 1.0 MH 297.0 7.807 GHz 3.425 GHz 5.137 GHz -30.57 de -36.72 de Freq Offse Freq Offse

30MHz~3GHz_HSUPA_B4_MidCH1413-1732.6

3GHz~10GHz_HSUPA_B4_HighCH1513-1752.6



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Report No.: ER/2017/30117 Page 182 of 340

30MHz~3GHz_Band2 1.4MHz_QPSK 1 0_LowCH18607-1850.7

3GHz~10GHz_Band2 1.4MHz_QPSK 1 0_MidCH18900-1880

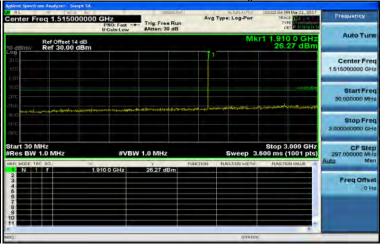
Center Freq 1.515000000	D GH2 PNO: Fast Trig: Free Run IFGaint.tow #Atten: 30 dB	Avg Type: Log-Pwr TRace Discovery orr Publication	Frequency	Center Freq 11.5000000	-Tertanone-	Auground (using a set of the set	Frequency
Ref Offset 14 dB 10 dB/aiv Ref 30.00 dBm		Mkr1 1.850 6 GHz 26.65 dBm	Auto Tune	10 dB/div Ref Offset 14 dB Ref 30.00 dBn	n	Mkr3 5.640 GHz -28.40 dBm	Auto Tune
200 100			Center Freq 1.51600000 GHz				Center Freq 11.500000000 GHz
-1000 50°C -2000	an a barana da anya ang barang pang ang ang ang ang ang ang ang ang ang		Start Freq 30,000000 MHz	and	ىر ئەرىپىلەر بىرىمەر يەلىرىمەر يەلىرىمەر بىرىمەر بىرىمەر بىرىمەر بىرىمەر بىرىمەر بىرىمەر بىرىمەر بىرىمەر بىرىمەر		Start Freq 3,000000000 GHa
-1010			Stop Freq 3.00000000 GHz				Stop Freq 20 00000000 GHz
Start 30 MHz #Res BW 1.0 MHz MRN MODE THE SEL 00		Stop 3,000 GHz Sweep 3,600 ms (1001 pts)	CF Step 297.000000 MHz Auto Man			Stop 20,000 GHz Sweep 42,53 ms (1001 pts) Inchon Junction value	CF Step 1 700000000 GHz Auto Man
1 N 1 F 1 23 4 5 5 7 8 9	.850 & GHz 26,85 dBm		Freq Offset 0 Ha	1 1 F N N N N N N N N N N N N N N N N N N N	16,693 GHz 21,64 dBm 3,760 GHz 32,34 dBm 5,640 GHz 26,40 dBm		Freq Offset 0 Hz
10 11 5 MEQ		STATUS		10		erktor	

3GHz~10GHz_Band2 1.4MHz_QPSK 1 0_LowCH18607-1850.7

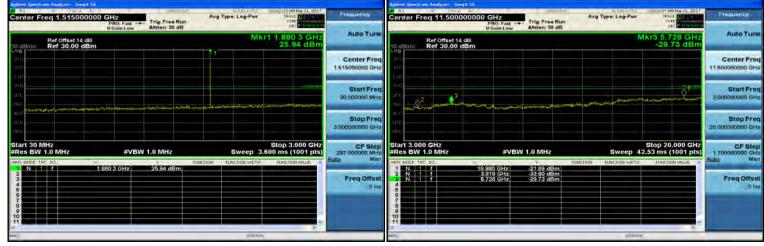
enter Freq 11.500000	000 GHz PNO: Fast -	Trig: Free Run #Atten: 30 dB	Aug Type: Log-Pwr	10301-57144 Mar 21, 2017 TRACE 12 20 TYPE MANNAGE CET P TOURTON	Frequency
Ref Offset 14 dB	n		N	kr3 5.552 GHz -29.56 dBm	Auto Tu
2) 0 100					Center Fre 11.500000000 GH
0.0			and an an and a second second second	and a second and a s	Start Fre 3,00000000 GH
	Janua Janua Kalanda Da				Stop Fre 20 00000000 GH
Start 3.000 GHz Res BW 1.0 MHz	#VBV	V 1.0 MHz	Sweep 4:	Stop 20.000 GHz 2.53 ms (1001 pts)	CF Ste 1 70000000 Gt
IN MODE THE SEL	× 17.994 GHz	v /	UNETION FUNCTION WADTED	FUNCTION WALLE	Auto: Ma
	3 701 GHz 5 552 GHz	-21.36 00m -33.11 dBm -29.56 dBm			Freq Offse
7 8 9 10					
NG I			STATUS		

30MHz~3GHz_Band2 1.4MHz_QPSK 1 0_MidCH18900-1880

30MHz~3GHz_Band2 1.4MHz_QPSK 1 0_HighCH19193-1909.3



3GHz~10GHz_Band2 1.4MHz_QPSK 1 0_HighCH19193-1909.3



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Report No.: ER/2017/30117 Page 183 of 340

30MHz~3GHz_Band2 3MHz_QPSK 1 0_LowCH18615-1851.5

3GHz~10GHz_Band2 3MHz_QPSK 1 0_MidCH18900-1880

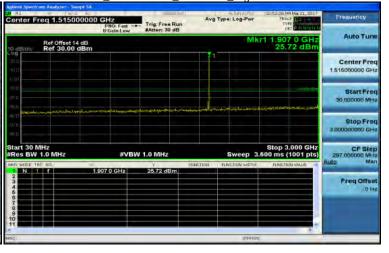
Center Freq 1.515000000	O GH2 PNO: Fast Trig: Free Run IFGain:Lew #Atten: 30 dB	Actoriaute (005) Avg Type: Log-Pwr	110 PM Mar 21, 2017 TRACE 12 TVTC DET P TO NOTATI	Frequency	Center Freq 11.5000000	-10000011147	AUGRAUTO DESSTIDIAN Me 21, 201 Avg Type: Log-Pwr Race rver Cer Paulin	Frequency
10 dBraiv Ref Offset 14 dB Ref 30.00 dBm		Mkr1 1	850 6 GHz 26.50 dBm	Auto Tune	TO dElidiv Ref 0ffset 14 dB Ref 30.00 dBm	n	Mkr3 5.640 GH: -28.75 dBn	
210 210 0.00		1		Center Freq 1.516000000 GHz	310 (111) 0.00			Center Freq 11.50000000 GHz
-(0.0) -(0.0) -(0.0) -(0.0)	مريد مريد المريد الم	من من المن المن المن المن المن المن المن	0.0000000 لەردەسىتەراخىيەسىمىن	Start Freq 30,000000 MHz		14.47 - 10 Mar 10. 10 - 10 - 10 - 20 - 20 - 20 - 20 - 20 -	مريد والمعرف المريد المراجع الم	Start Freq 3,000000000 GHa
-2010 -2010				Stop Freq 3.00000000 GHz				Stop Freq 20 00000000 GHz
Start 30 MHz #Res BW 1.0 MHz MRN MODE THE SEL		Sweep 3.600 r	op 3.000 GHz ns (1001 pts) INCTION VALLE	CF Step 297.000000 MHz Auto Man			Stop 20,000 GH/ Sweep 42.53 ms (1001 pts crick function walter	
1 N 1 F 1 23 4 6 6 7 8	1,850 6 GHz 26,50 dBm			Freq Offset 0 Hz		19,881 GHz21,99 dBm 3 760 GHz366 dBm 5 640 GHz28,75 dBm		Freq Offset 0 Hz
9 10 11 11		STATUS					STATUS	

3GHz~10GHz_Band2 3MHz_QPSK 1 0_LowCH18615-1851.5

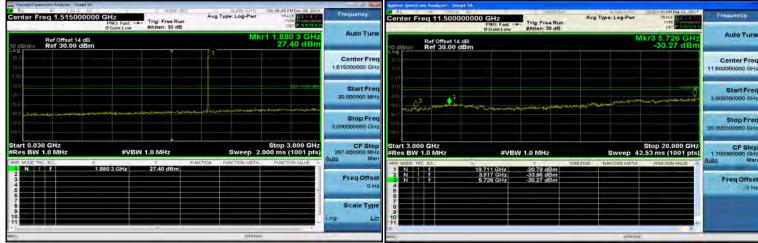


30MHz~3GHz_Band2 3MHz_QPSK 1 0_MidCH18900-1880

30MHz~3GHz_Band2 3MHz_QPSK 1 0_HighCH19185-1908.5



3GHz~10GHz_Band2 3MHz_QPSK 1 0_HighCH19185-1908.5



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Report No.: ER/2017/30117 Page 184 of 340

30MHz~3GHz_Band2 5MHz_QPSK 1 0_LowCH18625-1852.5

3GHz~10GHz_Band2 5MHz_QPSK 1 0_MidCH18900-1880

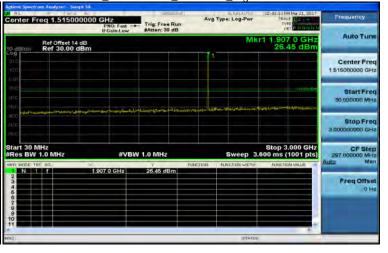
Center Freq 1.515000000 GH	12 NO: Fast Trig: Free Run Gain:Low #Atten: 30 dB	Aug Type: Log-Pwr	02:30:03 PM Mar 21, 2017 TRACE 1, 2 = 1 TVPC ORT P 1: 1:07711	Frequency	Center Freq 11.5000000	-thetamote -	ALIGNAUTO 102-30-554 Mar 23, 2017 Avg Type: Log-Pwr 1642E 102-20 Tyte: 102-20 Cer Public	Frequency
Ref Offset 14 dB		Mkr	1 1.850 6 GHz 26.25 dBm	Auto Tune	10 dBraw Ref Offset 14 dB Ref 30.00 dBm	n	Mkr3 5.640 GHz -28.66 dBm	Auto Tune
		51		Center Freq 1,51600000 GHz	2x0 2x0 0.00			Center Freq 11.50000000 GHz
-1000	e a sur a			Start Freq 30,000000 MHz		المجازية والمحاربة والمسترون والمسترون والمحالفة	and a second and a	Start Freq 3,000000000 GHz
100				Stop Freq 3.00000000 GHz				Stop Freq 20 00000000 GHz
Start 30 MHz #Res BW 1.0 MHz MMN MODE THE BS		Sweep 3.	Stop 3.000 GHz 500 ms (1001 pts)	CF Step 297.000000 MHz Auto Man			Stop 20,000 GHz Sweep 42.53 ms (1001 pts)	
I N I F 1.850 3 4 5 5 7 8 9 9 10 10	6 GHz 26.25 dBm			Freq Offset 0 Hz	1 1 F F N 1 F N 2 N 2 N 1 F F F F F F F F F F F F F F F F F F F	19.915 GHz - 21.86 dBm 3.750 GHz - 33.53 dBm 5.540 GHz - 28.66 dBm		Freq Offset 0 Hz
11 *		STATUS	. 4		11		STATUS	

3GHz~10GHz_Band2 5MHz_QPSK 1 0_LowCH18625-1852.5



30MHz~3GHz_Band2 5MHz_QPSK 1 0_MidCH18900-1880

30MHz~3GHz_Band2 5MHz_QPSK 1 0_HighCH19175-1907.5



3GHz~10GHz_Band2 5MHz_QPSK 1 0_HighCH19175-1907.5



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Report No.: ER/2017/30117 Page 185 of 340

30MHz~3GHz_Band2 10MHz_QPSK 1 0_LowCH18650-1855

3GHz~10GHz_Band2 10MHz_QPSK 1 0_MidCH18900-1880

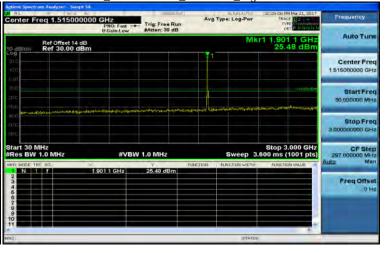
		Agilend Spectrum Analyzer - Seept SA				Agtiend Spectrum Analyzer - Seep
Frequency	AUDICAUTO IDECOLOGIAM Mar 23, 2017 Avg Type: Log-Pwr Trace P Orr Correction	Center Freq 11.50000000 GHz PNO: Fast #FasinLow #Atten: 30 dB	Frequency	AURAUTO (0022767594Mar21, 2017 Avg Type: Log-Pwr Trace Double Or Distance	Freq 1.515000000 GHz PN0: Fast IFGain:Low Atten: 30 dB	
	Mkr3 5.640 GHz -28.83 dBm	Ref Offset 14 dB	Auto Tune	Mkr1 1.850 6 GHz 26.52 dBm	Ref Offset 14 dB Ref 30.00 dBm	
Center Free 11.500000000 GH			Center Freq 1.516000000 GHz	1		210
Start Free 3,000000000 GH		100 200 Jan	Start Freq 30,000000 MHa		والمعالية والمعالية والمحالية والمعالية والمحالية والمحالية والمحالية والمحالية والمحالية والمحالية والمحالية والمحالية	100
Stop Fre 20 00000000 GH		100	Stop Freq 3 00000000 GHz			-2010 -2010 -2010
(Z S) 1 700000000 GH Auto Mar	Stop 20,000 GHz Sweep 42.53 ms (1001 pts)			Stop 3.000 GHz Sweep 3.600 ms (1001 pts) FUNCTION (NACTION VALUE)	W 1.0 MHz #VBW 1.0 MHz	Start 30 MHz #Res BW 1.0 MHz
Freq Offse 0 H		1 N 1 F 19.929 GHz -21.29 dBm 2 N 1 F 3.760 GHz -341 34Bm 3 N 1 F 5.640 GHz -28.83 dBm 4 5	Freq Offset 0 Hz		1 f 1,850 6 GHz 26,52 dBm	1 N 1 F
		8 9 10 11				8 9 10 11
	STATUS	N92)		STATUS		(CRIM

3GHz~10GHz_Band2 10MHz_QPSK 1 0_LowCH18650-1855



30MHz~3GHz_Band2 10MHz_QPSK 1 0_MidCH18900-1880

30MHz~3GHz_Band2 10MHz_QPSK 1 0_HighCH19150-1905



3GHz~10GHz_Band2 10MHz_QPSK 1 0_HighCH19150-1905



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30MHz~3GHz_Band2 15MHz_QPSK 1 0_LowCH18675-1857.5

3GHz~10GHz_Band2 15MHz_QPSK 1 0_MidCH18900-1880

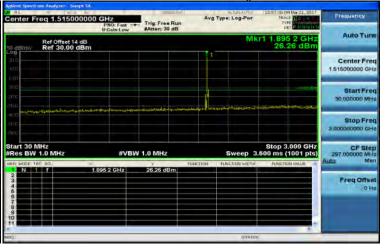
		Agilend Spectrum Analyzer - Swept SA			gileni Spectrum Analyzer - Seept SA
Frequency	AUDOLAUTO 1225717 PM Ma 23, 2017 Avg Type: Log-Pwr Trace Double Der Dieber	Center Freq 11.500000000 GHz PN0: Fast IFGaint.ow Atten 30 dB	Frequency	Run Avg Type: Log-Pwr TRace Port	Center Freq 1.515000000 GHz Freq 1.515000000 GHz Freq I.515000000 GHz Atten: 30 dB
Auto Tune	Mkr3 5.640 GHz -29.27 dBm	Ref Offset 14 dB	Auto Tune	Mkr1 1.850 6 GHz 26.76 dBm	Ref Offset 14 dB
Center Fred 11,500000000 GH			Center Freq 1.516000000 GHz		
Start Freq 3,000000000 GHz	Service - Contractor Contractor	100 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Start Freq 30.000000 MHa		000 2012 2013 2014 2014 2014 2014 2014 2014 2014 2014
Stop Fred 20 00000000 GHz			Stop Freq 3.00000000 GHz		
CF Step 1 700000000 GHz Auto Man	Stop 20.000 GHz Sweep 42.53 ms (1001 pts)	Start 3.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz		Stop 3.000 GHz Sweep 3.600 ms (1001 pts)	Start 30 MHz FRes BW 1.0 MHz #VBW 1.0 MHz
Freq Offset 0 Hz		1 N 1 f 19745 GHz -2174 dBm 2 N 1 f 3760 GHz 3331 dBm N 1 f 5640 GHz -29.27 dBm 6	Freq Offset 0 Hz		N 1 I I 1.850 5 GHz 26.76 dBm 23 4 5
		77 8 9 9			17 8 9 10
-	STATUS			STATUS	(83)

3GHz~10GHz_Band2 15MHz_QPSK 1 0_LowCH18675-1857.5

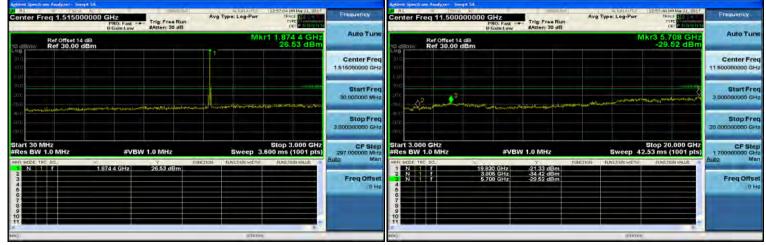


30MHz~3GHz_Band2 15MHz_QPSK 1 0_MidCH18900-1880

30MHz~3GHz_Band2 15MHz_QPSK 1 0_HighCH19125-1902.5



3GHz~10GHz_Band2 15MHz_QPSK 1 0_HighCH19125-1902.5



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Report No.: ER/2017/30117 Page 187 of 340

30MHz~3GHz_Band2 20MHz_QPSK 1 0_LowCH18700-1860

3GHz~10GHz_Band2 20MHz_QPSK 1 0_MidCH18900-1880

Agilersi Spectrum Analyzer - Swept SA		Agtient Spectrum Analyzer - Swept SA	
Of R1 Social Science Social Science </th <th>Frequency</th> <th>Center Freq 11.5000000 GHz PR0: Fast</th> <th>Frequency</th>	Frequency	Center Freq 11.5000000 GHz PR0: Fast	Frequency
Ref Offset 14 dB Mkr1 1.850 6 GHz		Ref Offset 14 dB Mkr3 5.640 GHz 10 dB/dW Ref 30.00 dBm -30.28 dBm	Auto Tune
	Center Freq 1 516000000 GHz		Center Freq 11.50000000 GHz
- 000 	Start Freq 30,000000 MHz	100 million and a second secon	Start Freq 3,000000000 GHz
	Stop Freq 3.00000000 GHz		Stop Freq 20 00000000 GHz
Start 30 MHz Stop 3.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz Sweep 3.600 ms (1001 pts) rewr, wode the sd. 00 Y rewr.net rewr.netH rewr.netH	CF Step 297.000000 MHz Auto Man	Start 3.000 GHz #Res BW 1.0 MHz Stop 20,000 GHz #VBW 1.0 MHz Stop 20,000 GHz Sweep 42,53 ms (1001 pts) twitt work #VBW 1.0 MHz Sweep 42,53 ms (1001 pts) twitt work y reaction twitt work y reaction	CF Step 1 700000000 GHz Auto Man
1 N 1 F 1850 6 GHz 25,94 dBm 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Freq Offset 0 Hz	1 N 1 f 19847 GHz -2145 dBm 2 N 1 f 3760 GHz -34 f6 dBm N 1 f 5640 GHz -30 29 dBm 4 5	Freq Offset 0 Hz

eurăra (cela		SUTATE CAR	

3GHz~10GHz_Band2 20MHz_QPSK 1 0_LowCH18700-1860

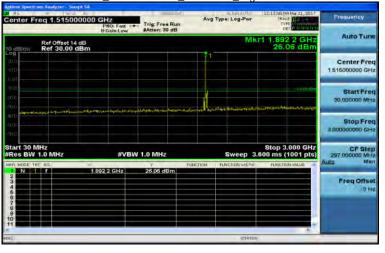


30MHz~3GHz_Band2 20MHz_QPSK 1 0_MidCH18900-1880

ea 1.515

30 MHz

30MHz~3GHz_Band2 20MHz_QPSK 1 0_HighCH19100-1900



Frequency Framuences 0 GHz a 11.5 0 GHz Trig: Free Run Trig: Free Run Auto Tur Auto Tur Ref Offset 14 dB Ref 30.00 dBn 8714 G Ref Offset 14 dB Ref 30.00 dBn Center Fre Center Fre 1 5 1 50 11 500 Start Fre Start Fre 3 00 Stop Fre Stop Fre 20 000 CF Ste op 20.000 GH CF Step DD 3.000 GH 1 7000 297.0 -21.55 dE -34.72 dE -29.28 dE 3 800 Freq Offse Freq Offse 0 H

3GHz~10GHz_Band2 20MHz_QPSK 1 0_HighCH19100-1900

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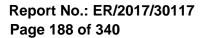
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30MHz~3GHz_Band4 1.4MHz_QPSK 1 0_LowCH19957-1710.7

3GHz~10GHz_Band4 1.4MHz_QPSK 1 0_MidCH20175-1732.5

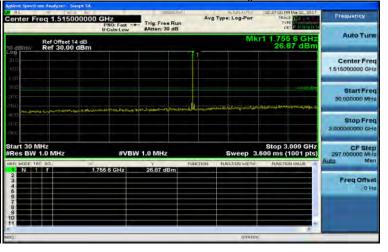
		Agilienii Spectrum Analyzer - Swept SA			gileni Spectrum Analyzer - Swept SA
Frequency	AUDYANTO DESIGNATIM Meso 2017 Avg Type: Log-Pwr Type: Der Etation	Center Freq 11.500000000 GHz PN0: Fast IFGaint.ow Atten: 30 dB	Frequency		Center Freq 1.515000000 GHz PND: Fast Trig: Free Run
Auto Tuni	Mkr3 5.198 GHz -31.11 dBm	10 dB/div Ref 30.00 dBm	Auto Tune	Mkr1 1.711 0 GHz 26.53 dBm	Ref Offset 14 dB 10 dEVdiv Ref 30.00 dBm
Center Free 11.500000000 GH		310	Center Freq 1.516000000 GHz		
Start Free 3,000000000 GH			Start Freq 30.000000 MHz	1995) مەلىكى چەم مەلىكى بىرى ئەرىمۇرەر ئەركەن مۇمىر بۇرۇمۇرى ئەركەن بىرى بىرى بىرى بىرى بىرى بىرى بىرى بىر	100
Stop Free 20 00000000 GH			Stop Freq 3 дооросоо GHz		000
	Stop 20.000 GHz Sweep 42.53 ms (1001 pts)	Start 3.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz		Stop 3.000 GHz #VBW 1.0 MHz Sweep 3.600 ms (1001 pts)	Start 30 MHz #Res BW 1.0 MHz #VBW 1.0 MHz
Freq Offse		1 N 1 f 19.932 GHz -21.50 dBm 2 N 1 F 3465 GHz -35.02 dBm	Freq Offset 0 Hz		
		7 8 9 10 11			7 8 9 10 11
-	STATUS	A(52)		STATUS	(50)

3GHz~10GHz_Band4 1.4MHz_QPSK 1 0_LowCH19957-1710.7

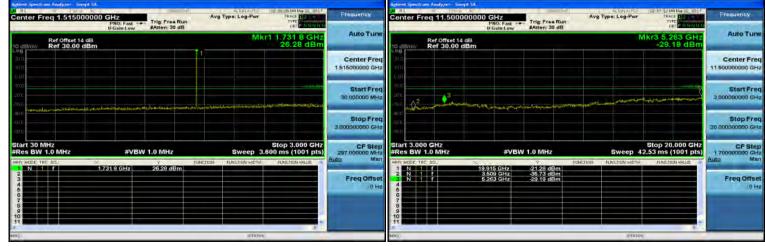
	TRACE 12 2 11	vg Type: Log-Pwr		Trig: Free Run #Atten: 30 dB	PNO: Fast -	.50000000	r Freq 11
Auto Tur	kr3 5.132 GHz -31.06 dBm	M				ffset 14 dB 30.00 dBm	Ref Of Ref 3
Center Fre 11.50000000 GP							
Start Fre 3,000000000 GH		بهمار المجالي المراجع	Part Inc. Part	and the second second		3	2 Annature
Stop Fre 20 00000000 GP							state the second se
CF Ste 1 70000000 GH	Stop 20.000 GHz .53 ms (1001 pts)			1.0 MHz	#VBV		3.000 GHz BW 1.0 MH
Auto Ma	PUNCTION WALLE	FUNCTION WORTH	TUNET	20.85 dBm	818 GHz	×	DE THE SEL
Freq Offs				-35.94 dBm -31.06 dBm	421 GHz 132 GHz		
-	8.4	TAUE			-		1.1.1

30MHz~3GHz_Band4 1.4MHz_QPSK 1 0_MidCH20175-1732.5

30MHz~3GHz_Band4 1.4MHz_QPSK 1 0_HighCH20393-1754.3



3GHz~10GHz_Band4 1.4MHz_QPSK 1 0_HighCH20393-1754.3



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Report No.: ER/2017/30117 Page 189 of 340

30MHz~3GHz_Band4 3MHz_QPSK 1 0_LowCH19965-1711.5

3GHz~10GHz_Band4 3MHz_QPSK 1 0_MidCH20175-1732.5

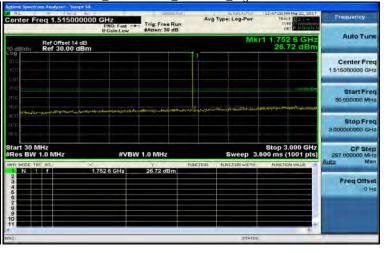
Frequency	Avg Type: Log-Pwr TRACE DE TYPE	Agtients Spectrum, Analyzer - Swerig 3A. 201 RL Center Freq 11.500000000 GHz PN0: Fast +- IFGaint.tww Atten: 30 dB	Frequency	Freq 1.515000000 GHz Trig:Free Run PRO. Feet Trig:Free Run Freinit.ev Arten: 30 dB
	Mkr3 5.198 GH: -30.96 dBn	Ref Offset 14 dB 10 dB/div Ref 30.00 dBm	Auto Tune	Ref Offset 14 dB Mkr1 1.711 0 GHz Ref 30.00 dBm 26.48 dBm
Center F 11.500000000			Center Freq 1.516000000 GHz	
StartF	May In the set of the		Start Freq 30,00000 MHa	
Stop F 20 000000000		ALC D	Stop Freq 3.00000000 GHz	
1 pts) 1 700000000	Stop 20.000 GH Sweep 42.53 ms (1001 pts	Start 3.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz #WN MODE THE BOL SO Y		MH2 Stop 3.000 GHz ¥ 1.0 MHz \$weep 3.600 ms (1001 pts) Net 552 >
Freq Off		1 N f f 19.064 GHz, -21.46 dBm 2 N f 3.465 GHz, -36.67 dBm N f 6.198 GHz, -30.96 dBm 4 5	Freq Offset 0 Hz	1 f 1.7110 GHz 26.49 dBm
		8 9 10 11		
	STATUS	MIX)		STATUS

3GHz~10GHz_Band4 3MHz_QPSK 1 0_LowCH19965-1711.5

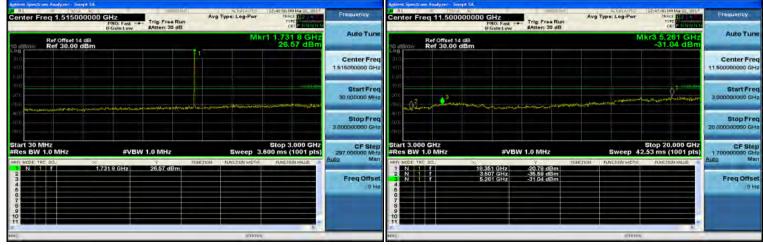
00 GHz PNO: Fast == IFGain:Low		Avg Type: Log-Pwr	12:46:01 244 Mar 22, 201 16:46:01 244 Mar 22, 201	Frequency
		M	kr3 5.135 GHz -32.15 dBm	Auto Tu
				Center Fr 11.500000000 G
~		and and the second second	مار ورد من المار من المار وروا مع المار وروا مع المار وروا و المعام (بورد وسنواب وروا مع وسوار موار مع	Start Fr 3,00000000 G
- Andrewski -				Stop Fr 20 00000000 G
#VBI	N 1.0 MHz		Stop 20.000 GHz .53 ms (1001 pts)	CF St 1 700000000 G
19.881 GHz 3 423 GHz 5 135 GHz	-21.50 dBm -35.37 dBm -32.15 dBm	PLACTICAL AND TH	FUNCTION VALUE	Auto M Freq Offs 0
	PNC: Fast == (FGaintew) #VB(19.681 GHz) 3.423 GHz	PRO: Fax = 7 Trig: Frank Run (FGaintow Anter: 30 dB #VBW 1.0 MHz 19.881 CHz = 21.56 dBm 3.423 CHz = 21.56 dBm	Avg Type: Log-Pwr PR0: Fast (Fosinition Arten: 30 dB #VBW 1.0 MHz Sweep 42 Sweep 42 Sweep 42 Sweep 42 States of the 12 States of the 100 km the 1	IOU GHZ Trig: Free Run. IPO: Faint Low Trig: Free Run. IF Gaint Low Anter: 30 off IF Gaint Low Mkr3 5, 135 GHZ Store: 20 off Store: 20 off IF Gaint Low Store: 20 off IF Store: 20 off Store: 20 off IF Store: 21 Store: 20 off Store: 20 off IF Store: 21 St

30MHz~3GHz_Band4 3MHz_QPSK 1 0_MidCH20175-1732.5

30MHz~3GHz_Band4 3MHz_QPSK 1 0_HighCH20385-1753.5



3GHz~10GHz_Band4 3MHz_QPSK 1 0_HighCH20385-1753.5



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Report No.: ER/2017/30117 Page 190 of 340

30MHz~3GHz_Band4 5MHz_QPSK 1 0_LowCH19975-1712.5

3GHz~10GHz_Band4 5MHz_QPSK 1 0_MidCH20175-1732.5

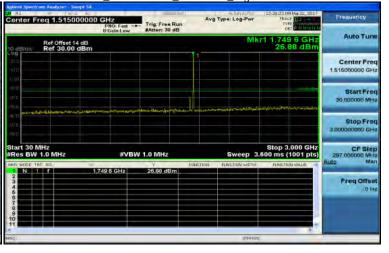
Center Freq 1.515000000	FRO: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Trace Til Control Co	Frequency	Center Freq 11.5000000	-Tantanana-	AUDILAUTO 1223065M Mar 2 Avg Type: Log-Pwr TRACE T TVTE CET PU	Frequency
10 dB/div Ref 0ffset 14 dB Ref 30.00 dBm		Mkr1 1.711 0 GHz 26.37 dBm	Auto Tune	10 dB/aiv Ref Offset 14 dB Ref 30.00 dBm	1	Mkr3 5.198 -31.41 c	
			Center Freq 1.516000000 GHz	210 100 0.00			Center Freq 11.500000000 GHz
-1000 		در 10000 مرد المرد ال	Start Freq 30,000000 MHz		Sector and a stranger and	- at your water and a second	Start Freq 3,000000000 GHz
10.0 Fills F			Stop Freq 3 00000000 GHz	IND D			Stop Freq 20 00000000 GHz
Start 30 MHz #Res BW 1.0 MHz MRN MODE THE SEL 00		Stop 3.000 GHz Sweep 3.600 ms (1001 pts)	CF Step 297.000000 MHz Auto Man			Stop 20.000 Sweep 42.53 ms (100 METICH JUNETICH WALTH	pts) 1 700000000 GHz
1 N 1 (1)	7110 GHz 26.37 dBm		Freq Offset 0 Hz	N 1 F N N 1 F N 1 F	16.990 GHz -21.30 dBm 3.465 GHz -35.17 dBm 5.198 GHz -31.41 dBm		Freq Offset 0 Hz
7 8 9 10				7 8 9 10			
(pan		STADE		M(92)		STATUS	

3GHz~10GHz_Band4 5MHz_QPSK 1 0_LowCH19975-1712.5

Frequency	12:27/27 PM Mar 22, 2017 TRACE 1] 2 Sec TYPE Minimum CRT P Minimum	Avg Type: Log-Pwr	Trig: Free Run #Atten: 30 dB	000 GHz PNO: Fast	er Freq 11.5000000
Auto Tur	kr3 5.138 GHz -32.66 dBm	M		n	Ref Offset 14 dB Ref 30.00 dBm
Center Fr 11.50000000 G					
Start Fr 3,00000000 G	and the second	and the second states and	ومع والمعلم والمناسبين والمعار والمعاد		Strange Saliman
Stop Fr 20 00000000 G					
CF Ste 1 70000000 G	Stop 20.000 GHz 2.53 ms (1001 pts)	Sweep 42	1.0 MHz	#VBW	3.000 GHz BW 1.0 MHz
Auto M Freq Offs 0		ON TUNEZIUN VADINI,	21.36 dBm -21.36 dBm -35.48 dBm -32.66 dBm	18,878 GHz 3 426 GHz 5 138 GHz	
		STATUS			

30MHz~3GHz_Band4 5MHz_QPSK 1 0_MidCH20175-1732.5

30MHz~3GHz_Band4 5MHz_QPSK 1 0_HighCH20375-1752.5



3GHz~10GHz_Band4 5MHz_QPSK 1 0_HighCH20375-1752.5



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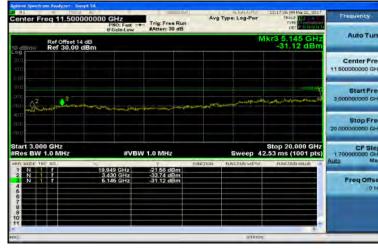
Report No.: ER/2017/30117 Page 191 of 340

30MHz~3GHz_Band4 10MHz_QPSK 1 0_LowCH20000-1715

3GHz~10GHz_Band4 10MHz_QPSK 1 0_MidCH20175-1732.5

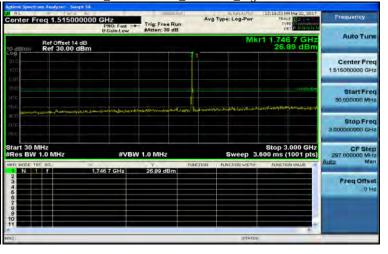
Agenes Spectrum Anagore Sene 2 and English Anago	Frequency	Address Spectram And your Sweet SA DE RL 0 [500 0 GH2 PN0: Fast → F PN0: Fast → F Fig: Free Run SAttor: 30 dB c F Fig: Free Run Fig: Fig: Fig: Fig: Fig: Fig: Fig: Fig:	Frequency
Ref Offset 14 dB Mkr1 1.711 0 GHz 10 dB/daw Ref 30.00 dBm 26.53 dBm	Auto Tune	Ref Offset 14 dB Mkr3 5.198 GHz 10 dB/dW Ref 30.00 dBm -31.46 dBm	Auto Tune
	Center Freq 1.516000000 GHz		Center Freq 11.50000000 GHz
1000 2000 2000 2000 2000 2000 2000 2000	Start Freq 30,000000 MHz	1000 200 200 Jacob and the state of the stat	Start Freq 3,000000000 GHz
	Stop Freq 3.00000000 GHz		Stop Freq 20 00000000 GHz
Start 30 MHz Stop 3.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz Sweep 3.600 ms (1001 pts) Mary lacter the set co v matching nutching worth nutching worth	CF Step 297.000000 MHz Auto Man	Start 3.000 GHz #Res BW 1.0 MHz Stop 20,000 GHz #VBW 1.0 MHz Stop 20,000 GHz Sweep 42,53 ms (1001 pts) Many laces the set x relation while relation while	CF Step 1 700000000 GHz Auto Man
1 N 1 7 1.7110 GHz 26.53 dBm	Freq Offset 0 Hz	1 N T F 19235 GHz 2212 dBm 2 N T 3455 GHz 360 dBm 3 N T 5.199 GHz 3146 dBm 4 5	Freq Offset /0 Ha
9 10 11 10 10		9 10 11 40 40 5 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	

3GHz~10GHz_Band4 10MHz_QPSK 1 0_LowCH20000-1715

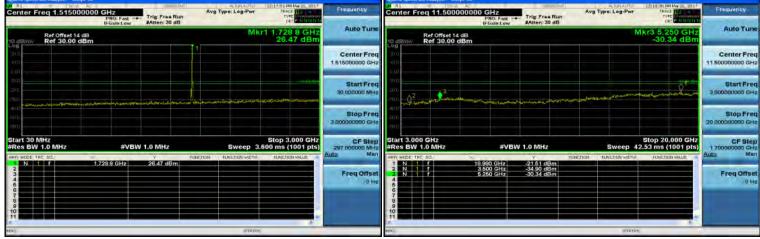


30MHz~3GHz_Band4 10MHz_QPSK 1 0_MidCH20175-1732.5

30MHz~3GHz_Band4 10MHz_QPSK 1 0_HighCH20350-1750



3GHz~10GHz_Band4 10MHz_QPSK 1 0_HighCH20350-1750



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Report No.: ER/2017/30117 Page 192 of 340

30MHz~3GHz_Band4 15MHz_QPSK 1 0_LowCH20025-1717.5

3GHz~10GHz_Band4 15MHz_QPSK 1 0_MidCH20175-1732.5

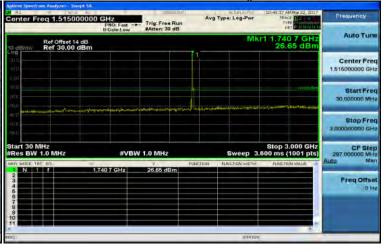
		Agiirni Spectrum Analyzer - Seept SA		chram Analyzer - Swept SA
Frequency	Avg Type: Log-Pwr TRACE DETECT	Center Freq 11.50000000 GHz PN0; Fast IFGaint ow Atten 30 dB	10.701	Freq 1.515000000 GHz PR0: Fast - Trig: Free Run HGaint.ew Atten: 30 dB
Auto Tune	Mkr3 5.198 GHz -31.56 dBm	Ref Offset 14 dB 10 dB/div Ref 30.00 dBm	Auto Tune	Ref Offset 14 dB Mkr1 1.711 0 GHz Ref 30.00 dBm 26.04 dBm
Center Fred 11.500000000 GHp		310	Center Freq 1.516000000 GHz	
Start Freq 3,000000000 GHz	and such as which are a such as a such asuch as a such a	100 200 201 Japanese Marine Care State and and a state of the state of	Start Freq 30,000000 MHz	
Stop Freq 20 00000000 GHz		ALC D	Stop Freq 3.00000000 GHz	
	Stop 20.000 GHz Sweep 42.53 ms (1001 pts)	Start 3.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz	CF Step 297.000000 MHz Auto Man	MHz ¥VBW 1.0 MHz Stop 3.000 GHz W 1.0 MHz \$weep 3.500 ms (1001 pts) No 60.2 >
Freq Offset 0 Hz		1 N 1 F 19.813 GHz -20.69 dBm 2 N 1 F 3465 GHz -35.44 dBm	Freq Offset 0 Hz	f 1,7110 GHz 26.04 dBm
		7 8 9 10		
-	STATUS	(CRM		STATUE

3GHz~10GHz_Band4 15MHz_QPSK 1 0_LowCH20025-1717.5

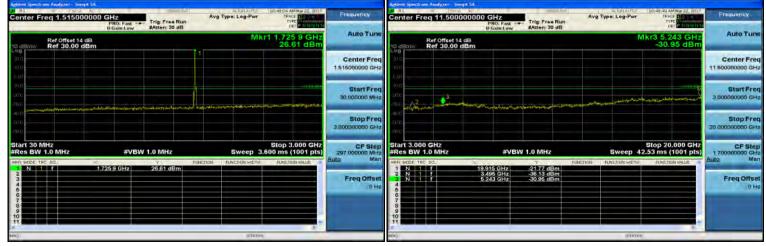
Frequency	10:47:393 AM Mar 22, 2017 16:40: 10 - 10 17:40: 11 - 10 17:40: 11 - 10 16:47: 10 16:47: 10 16:47: 10 16:47: 10 17:40: 10 16:47: 10 17:47: 10 17:47	Aug Type: Log-Pwr	Trig: Free Run #Atten: 30 dB	0 GHz PNO: Fast	q 11.50000000
Auto Tu	kr3 5.153 GHz -31.26 dBm	M			Ref Offset 14 dB Ref 30.00 dBm
Center Fr 11.500000000 G					
Start Fr 3,00000000 G	enering have been the	in and the second	anna a tha ann Albrich Albrich Albrich	ng, manger almost	and the second s
Stop Fr 20 00000000 G				- Designation of the second seco	
CF Ste 1 70000000 G	Stop 20.000 GHz 2.53 ms (1001 pts)	Sweep 42	.0 MHz	#VBW	GHz 0 MHz
Auto M Freq Offs 0	FUNCTION VALUE	NUMERICA SADINI	21.67 dBm 35.71 dBm 31.26 dBm	8.895 GHz 3.435 GHz 5.153 GHz	
_		STATUS			· · · · · ·

30MHz~3GHz_Band4 15MHz_QPSK 1 0_MidCH20175-1732.5

30MHz~3GHz_Band4 15MHz_QPSK 1 0_HighCH20325-1747.5



3GHz~10GHz_Band4 15MHz_QPSK 1 0_HighCH20325-1747.5



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30MHz~3GHz_Band4 20MHz_QPSK 1 0_LowCH20050-1720

3GHz~10GHz_Band4 20MHz_QPSK 1 0_MidCH20175-1732.5

Agliers' Spectrum Analyzer - Swept SA		Agilensi Spectrum Analyzer - Sengli SA	
Center Freq 1.515000000 GHz PR0: Fast	Frequency Auto Tune	Center Freq 11.5000000 GHz PROFast	Frequency Auto Turns
Ref Offset 14 dB Mkr1 1.711 0 GHz 10 dB/aw Ref 30.00 dBm 26.36 dBm		Ref Offset 14 dB Mkr3 5,198 GHz 10 dB/dW Ref 30,00 dBm -31,08 dBm	Auto Tune
	Center Freq 1.516000000 GHz		Center Fred 11.50000000 GH
100	Start Freq 30,000000 MHz	100 100 100 100 100 100 100 100 100 100	Start Freq 3,000000000 GHz
	Stop Freq 3.00000000 GHz		Stop Freq 20 00000000 GHz
Start 30 MHz Stop 3.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz Sweep 3.600 ms (1001 pts) ## Note the SS1 00 Y TRACTOR ILLICITY AND ILLICITY	CF Step 297.000000 MHz Auto Man	Start 3.000 GHz Stop 20.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz Sweep 42.53 ms (1001 pts) whr woot the Set Y rescribe Nutritive work	CF Step 1 700000000 GHz Auto Man
N T F 1.7110 GHz 26.36 dBm	Freq Offset 0 Hz	1 N 1 F 19762.0Hz 2-116.dBm 2 N 1 F 3465.0Hz 3542.dBm 4 F 5.199.0Hz 31.08.dBm 4 F 5.199.0Hz 31.08.dBm	Freq Offset 0 Hz
		7 8 9 9 10	
693) #TAT05		- PICATURE - CARA	

3GHz~10GHz_Band4 20MHz_QPSK 1 0_LowCH20050-1720

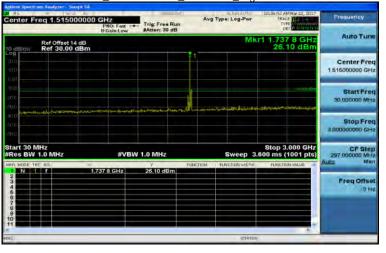
enter Freq 11.5000000	O GHz PNO: Fast =*	Trig: Free Run	Avg Type: Log-Pwr	10135 05 AMMA 22, 2017 TRACE 112 TYPE DET PINISTAN	Frequency
Ref Offset 14 dB dEValv Ref 30.00 dBm			N	kr3 5.160 GHz -30.11 dBm	Auto Tu
010 010 010					Center Fr 11.500000000 G
0.0	Nalas Incolor	ىرىرىيەر مەرىلىغۇرىيەر	مرومينيون المرومين ا		Start Fr 3,000000000 G
					Stop Fr 20 00000000 G
tart 3.000 GHz Res BW 1.0 MHz	#VBW	1.0 MHz	Sweep 42	Stop 20.000 GHz 2.53 ms (1001 pts)	CF St 1 700005000 G Auto
2 N 1 F N 1 F 6 5	9.896 GHz 3.440 GHz 5.160 GHz	-22.05 dBm -35.15 dBm -30.11 dBm	UNETION OTH	FUNCTION WALLS	Freq Offs

30MHz~3GHz_Band4 20MHz_QPSK 1 0_MidCH20175-1732.5

a 1.515

30 MHz

30MHz~3GHz_Band4 20MHz_QPSK 1 0_HighCH20300-1745



3GHz~10GHz_Band4 20MHz_QPSK 1 0_HighCH20300-1745

Frequency Fremuences 0 GHz 0 GHz Trig: Free Run Trig: Free Run Auto Tur Auto Tur Ref Offset 14 dB Ref 30.00 dBn Ref Offset 14 dB Ref 30.00 dBm Center Fre Center Fre 1.5150 11 500 Start Fre Start Fre 3 00 Stop Fre Stop Fre 20 000 p 20.000 GH CF Ste CF Step p 3.000 GH 1 7000 -21.11 dBr -35.08 dBr -30.28 dBr 3 490 5 235 Freq Offse Freq Offse 0 H

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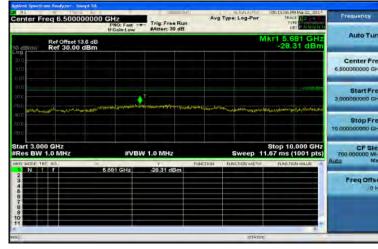
Report No.: ER/2017/30117 Page 194 of 340

30MHz~3GHz_Band5 1.4MHz_QPSK 1 0_LowCH20407-824.7

3GHz~10GHz_Band5 1.4MHz_QPSK 1 0_MidCH20525-836.5

Agtiensi Spectrum Analyzer - Seepi SA				Agilersi Spectrum Analyzer - Songé SA	
Center Freq 1.51500000	PNO: Fast		Frequency	IFGainLow #Atten: 30 dB Date	Frequency
10 dB/aiv Ref Offset 13.6 dB Ref 30.00 dBm		Mkr3 2.474 1 G -33.88 d		Ref Offset 13.6 dB	
	1		Center Freq 1.516000000 GHz	210	Center Free 6,500000000 GH
-(00 201	and the second		Start Freq 30,000000 MHa	1000 2010 2010 2010 2010 2010 2010 2010	Start Free 3,00000000 GH;
1010 000000000000000000000000000000000			Stop Freq 3.00000000 GHz	TUU	Stop Free
Start 30 MHz #Res BW 1.0 MHz	#VBW 1.0 MHz	Stop 3.000 (Sweep 3.600 ms (1001	297.000000 MHz	Start 3.000 CHz Stop 10.000 #Res BW 1.0 MHz \$VBW 1.0 MHz \$Weep 11.67 ms (1001 war woot McEnder \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	pts) 700.000000 MH
	826.0 MHz 28.10 dBm 1.649.4 GHz -34.65 dBm 2.474.1 GHz -33.88 dBm		Freq Offset 0 Ha	1 N 1 F 5.702 GHz -28.06 dBm	Freq Offset 0 He
7 8 9 10				7 8 9 10 11	
(CRM		STATUS		(DRM)	

3GHz~10GHz_Band5 1.4MHz_QPSK 1 0_LowCH20407-824.7

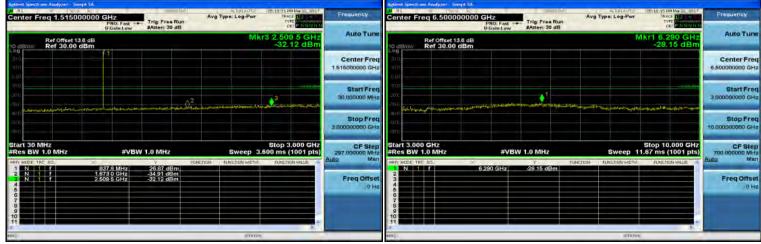


30MHz~3GHz_Band5 1.4MHz_QPSK 1 0_MidCH20525-836.5

30MHz~3GHz_Band5 1.4MHz_QPSK 1 0_HighCH20643-848.3



3GHz~10GHz_Band5 1.4MHz_QPSK 1 0_HighCH20643-848.3



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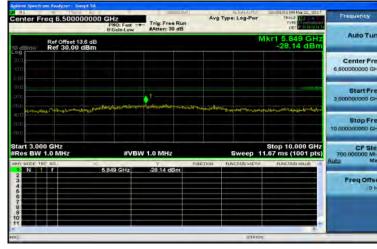
Report No.: ER/2017/30117 Page 195 of 340

30MHz~3GHz_Band5 3MHz_QPSK 1 0_LowCH20415-825.5

3GHz~10GHz_Band5 3MHz_QPSK 1 0_MidCH20525-836.5



3GHz~10GHz_Band5 3MHz_QPSK 1 0_LowCH20415-825.5

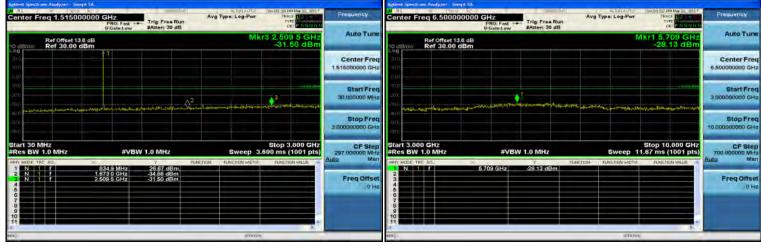


30MHz~3GHz_Band5 3MHz_QPSK 1 0_MidCH20525-836.5

30MHz~3GHz_Band5 3MHz_QPSK 1 0_HighCH20635-847.5



3GHz~10GHz_Band5 3MHz_QPSK 1 0_HighCH20635-847.5



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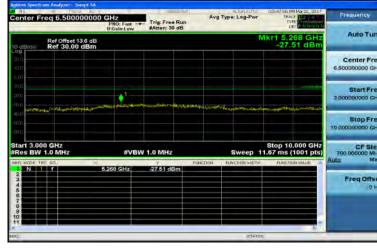
Report No.: ER/2017/30117 Page 196 of 340

30MHz~3GHz_Band5 5MHz_QPSK 1 0_LowCH20425-826.5

3GHz~10GHz_Band5 5MHz_QPSK 1 0_MidCH20525-836.5

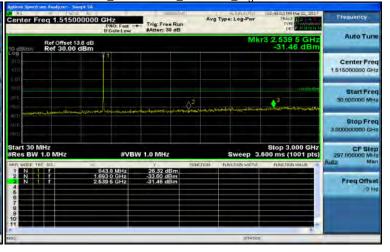
		Agilend Spectrum Analyzer - Seepl SA				Agilenii Spectrum Analyzer - Seepi SA
Frequency	AUDINAUTO (USIAPASIAM Mar 22, 2017 Avg Type: Log-Pwr TRace De- Der Protocol	Center Freq 5.50000000 GH2 PNO: Fast IFGainLow Atten: 30 dB	Frequency	AUGAUTO (US)4655194 Marzo 2017 Avg Type: Log-Pwr Triace Triace Orr California		Center Freq 1.51500000
	Mkr1 6.514 GHz -28.59 dBm	Ref Offset 13.6 dB 10 dB/div Ref 30.00 dBm	Auto Tune	Mkr3 2.479 5 GHz -32.26 dBm		10 dEValv Ref 30.00 dBm
Center Fre 6,50000000 GH			Center Freq 1.51600000 GHz			
Start Free 3,00000000 GH		1001 2012 2014 2019	Start Freq 30,000000 MHz		week with a with a with toward a be for a figure	-100
Stop Fre 10 00000000 GH		100	Stop Freq 3 00000000 GHz			
CF Step 700.000000 MH Auto Mar	Stop 10.000 GHz Sweep 11.67 ms (1001 pts)		CF Step 297.000000 MHz Auto Man	Stop 3.000 GHz Sweep 3.600 ms (1001 pts)	#VBW 1.0 MHz	
Freq Offse		1 N 1 F 6,514 GHz -29 59 dBm	Freq Offset		826.0 MHz 26.66 dBm 1.653.0 GHz -34.21 dBm 2.479.5 GHz -32.26 dBm	1 N 1 F N 1 F N 1 F
		7 8 9 10				7 8 9 10
	STATUS	665)		STATUS		(CON)

3GHz~10GHz_Band5 5MHz_QPSK 1 0_LowCH20425-826.5

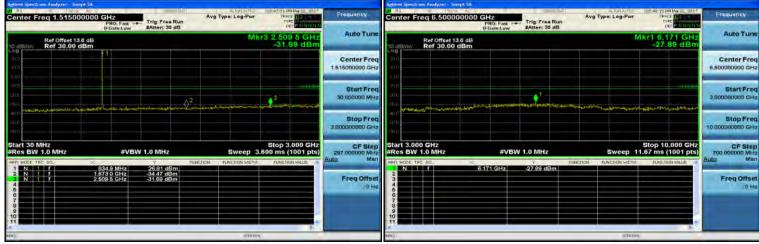


30MHz~3GHz_Band5 5MHz_QPSK 1 0_MidCH20525-836.5

30MHz~3GHz_Band5 5MHz_QPSK 1 0_HighCH20625-846.5



3GHz~10GHz_Band5 5MHz_QPSK 1 0_HighCH20625-846.5



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Report No.: ER/2017/30117 Page 197 of 340

30MHz~3GHz_Band5 10MHz_QPSK 1 0_LowCH20450-829

3GHz~10GHz_Band5 10MHz_QPSK 1 0_MidCH20525-836.5

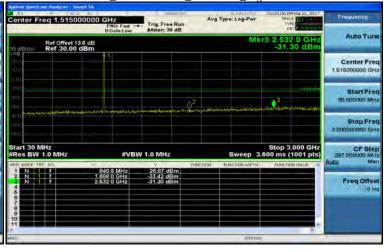
Center Freq 1.51500000	-1000001047	ALIGNATIO (DIS2365 MM Mar 22, 2017 Avg Type: Log-Pur Trace Discovery Discovery Discovery Discovery Discovery	Frequency	RL Sanger State (State State S	P TRACE 0.2 Frequency Type Average Frequency Der Provinsion
10 dEVaiv Ref Offset 13.6 dE		Mkr3 2.487 0 GHz -33.07 dBm	Auto Tune	Ref Offiset 13.6 dB 10 dB/day Ref 30.00 dBm	Mkr1 5.499 GHz -27.81 dBm
2x0 100 0.00	¥1.		Center Freq 1.516000000 GHz		Center Free 6,500000000 GHz
-(0:0 ;20): :30:0	July appendication of the second second second		Start Freq 30,000000 MHz	1000 2012 2014 2014 2014 2014 2014 2014	Start Freq 3.00000000 GHz
-1070 -2010 -7010			Stop Freq 3.00000000 GHz		Stop Fred 10 DODDODOD GH3
Start 30 MHz #Res BW 1.0 MHz	#VBW 1.0 MHz	Stop 3.000 GHz Sweep 3.600 ms (1001 pts)	CF Step 297.00000 MHz Auto Man	Start 3.000 CH2 #Res BW 1.0 MH2	Stop 10.000 GHz 11.67 ms (1001 pts) Auto Man
1 N 1 F N 1 F 3 N 1 F 4 6 6 6 7	026.0 MHz 26.45 dBm 1.659 0 GHz -34.62 dBm 2.487 0 GHz -33.07 dBm		Freq Offset 0 Hz	N 1 7 5.499 GHz -27 91 dBm	Freq Offset 0 He
		ETATUS			

3GHz~10GHz_Band5 10MHz_QPSK 1 0_LowCH20450-829

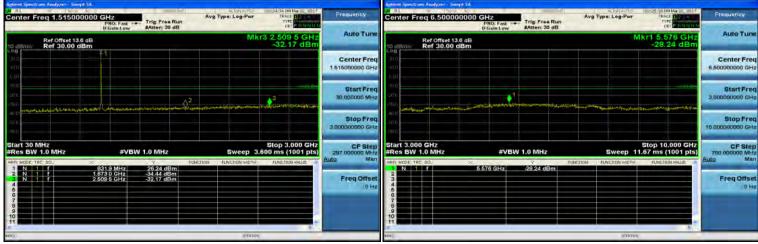


30MHz~3GHz_Band5 10MHz_QPSK 1 0_MidCH20525-836.5

30MHz~3GHz_Band5 10MHz_QPSK 1 0_HighCH20600-844



3GHz~10GHz_Band5 10MHz_QPSK 1 0_HighCH20600-844



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Report No.: ER/2017/30117 Page 198 of 340

30MHz~3GHz_Band7 5MHz_QPSK 1 0_LowCH20775-2502.5

3GHz~10GHz_Band7 5MHz_QPSK 1 0_MidCH21100-2535

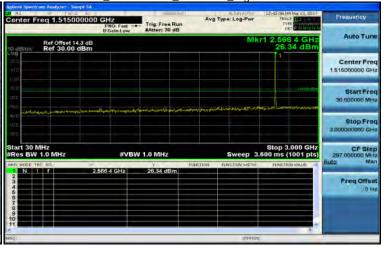
	Agilens Spectrum Analyzer - Swept SA			Agilenii Spectrum Anulyzer - Swept SA		
Frequency	Augranite 12:42:00 Mar 23, 2017 Avg Type: Log-Pwr Naac 12:50 Tyte Cer Protector	Center Freq 11.50000000 GHz PRO: Fast IFGaint.ow Atten: 30 dB	Frequency	BL Sold Action So		
Auto Tune	Mkr3 7.605 GHz -32.52 dBm	Ref Offset 14.3 dB 10 dB/day Ref 30.00 dBm	Auto Tune	Ref 0ffset 14.3 dB Mkr1 2,501 0 GHz 26.16 dBm 26.16 dBm		
Center Fred 11.500000000 GHp			Center Freq 1.516000000 GHz			
Start Freq 3,000000000 GHz	an and the second	100 200 100 100 100 100 100 100 100 100	Start Freq 30,000000 MHz	a and a and a state of the stat		
Stop Fred 20 00000000 GHz			Stop Freq 3 00000000 GHz			
CF Step 1 700000000 GHz Auto Man	Stop 20,000 GHz Sweep 42,53 ms (1001 pts)		CF Step 297.000000 MHz Auto Man	art 30 MHz Stop 3.000 GHz tes BW 1.0 MHz #VBW 1.0 MHz Sweep 3.600 ms (1001 pts) n wode the ss. 20 V ruterion ruterion with ruterion value		
Freq Offset 0 Hz		1 N 1 F 19.796 GHz -20.77 dBm 2 N 1 F 5.070 GHz 32.85 dBm 3 N 1 F 5.070 GHz 32.85 dBm 4 F 7.605 GHz -32.52 dBm	Freq Offset 0 Hz	N 1 F 2,5010 GHz 26.16 dBm		
		7 8 9 10				
	STATUS	(IX)		TATUT		

3GHz~10GHz_Band7 5MHz_QPSK 1 0_LowCH20775-2502.5

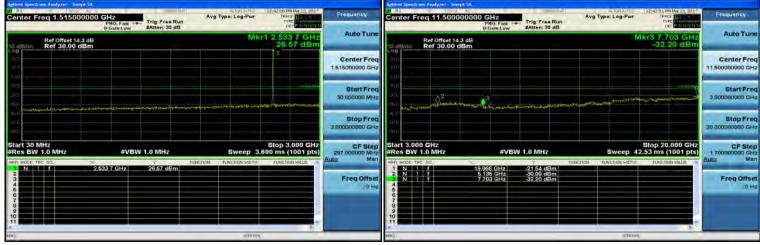


30MHz~3GHz_Band7 5MHz_QPSK 1 0_MidCH21100-2535

30MHz~3GHz_Band7 5MHz_QPSK 1 0_HighCH21425-2567.5



3GHz~10GHz_Band7 5MHz_QPSK 1 0_HighCH21425-2567.5



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30MHz~3GHz_Band7 10MHz_QPSK 1 0_LowCH20800-2505

3GHz~10GHz_Band7 10MHz_QPSK 1 0_MidCH21100-2535

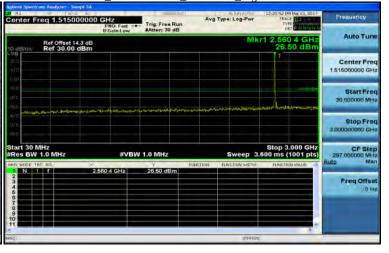
Agilersi Spectrum Analyzer - Swept SA	Agiersi Spectrum Analyzer - Swept SA			
Center Freq 1.515000000 GHz Avg Type: Leg-Pur Trace Data PND: Fast Pure Trig: Free Run Avg Type: Leg-Pur Trace Data PRo: Leg-Pure Pure Pure Pure Pure Pure Pure Pure	Frequency	Mill Disc Action Action (15) 125:23 (16) Action (15) 125:23 (16) Action (15) 125:23 (16) Action (16) 125:23 (16) 125:23 (16) Action (16) 125:23 (16) Action (16) 125:23 (16) Action (16) 125:23 (16) <th1< th=""><th>Frequency</th></th1<>	Frequency	
Ref Offset 14.3 dB Mkr1 2.501 0 GH 10 dB/div Ref 30.00 dBm 26.45 dBn		Ref Offset 14.3 dB Mkr3 7.605 GHz 10 dBraw Ref 30.00 dBm -30.48 dBm	Auto Tune	
	Center Freq 1,516000000 GHz		Center Fred 11.50000000 GH	
1000	Start Freq 30,000000 MHz	100 200 200 200 200 200 200 200	Start Freq 3,000000000 GHz	
	Stop Freq 3.00000000 GHz		Stop Freq 20 00000000 GHz	
Start 30 MHz Stop 3.000 GH #Res BW 1.0 MHz #VBW 1.0 MHz Sweep 3.600 ms (1001 pt) wn woot fire So: > Y THETRIN THETRIN THETRIN	CF Step 297.000000 MHz Auto Man	Start 3.000 GHz Stop 20.000 GHz #Ress BW 1.0 MHz #VBW 1.0 MHz Sweep 42.53 ms (1001 pts) #We woot Fire 3d. > > ************************************	CF Step 1 70000000 GHz Auto Man	
1 N 1 F 2,5010 GHz 26,45 dBm 3 4 6 5	Freq Offset 0 Hz	1 N 1 f 19912 GHz -2156 dBm 2 N 1 F 5070 GHz -3074 dBm 3 N 1 F 5070 GHz -3074 dBm 4 - -30.48 dBm - - 5 - - - -30.48 dBm	Freq Offset 0 Hz	
PUTATIN COMPANY		PUTATE (CRM		

3GHz~10GHz_Band7 10MHz_QPSK 1_0_LowCH20800-2505

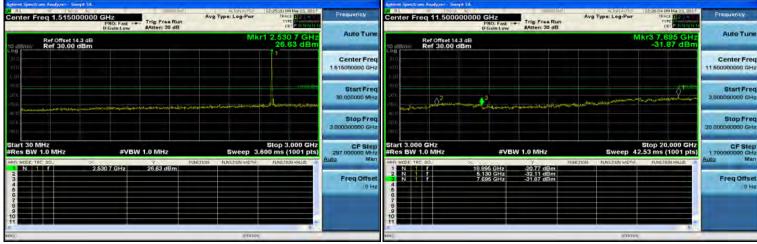


30MHz~3GHz_Band7 10MHz_QPSK 1 0_MidCH21100-2535

30MHz~3GHz_Band7 10MHz_QPSK 1 0_HighCH21400-2565



3GHz~10GHz_Band7 10MHz_QPSK 1 0_HighCH21400-2565



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Report No.: ER/2017/30117 Page 200 of 340

30MHz~3GHz_Band7 15MHz_QPSK 1 0_LowCH20825-2507.5

3GHz~10GHz_Band7 15MHz_QPSK 1 0_MidCH20175-1732.5

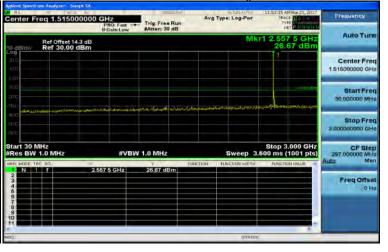
адрек унитерно индерия унитерно (115500 индерно) - 115 - 1	Frequency	Applesspectrue Andryser and all Schrudits Sch	Frequency
Ref Offset 14.3 dB Mkr1 2.501 0 GHz 26.04 dBm 26.04 dBm	Auto Tune	Ref Offset 14.3 dB Mkr3 7.605 GHz 10 dB/raw Ref 30.00 dBm -31.37 dBm	Auto Tune
	Center Freq 1.516000000 GHz		Center Freq 11.500000000 GHz
1007 2007 2007 2007 2007 2007 2007 2007	Start Freq 30.000000 MHz	1000 2000 2000 Antipatrical and a state of the state of t	Start Freq 3,00000000 GHz
	Stop Freq 3.00000000 GHz	200	Stop Freq 20 00000000 GHz
Start 30 MHz Stop 3.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz Sweep 3.600 s(100 pt); why too; the St. why too; the St. > Y	CF Step 297.000000 MHz Auto Man	#Res BW 1.0 MHz #VBW 1.0 MHz Sweep 42.53 ms (1001 pts)	CF Step 1 700000000 GHz Auto Man
1 N 1 F 2.5010 GHz 26.04 dBm 3 - - - - - 4 - - - - - 5 - - - - - - 7 -	Freq Offset 0 Hz	1 N 1 f 19830 DHz 2117 dBm 2 N 1 f 5070 CHz 300 38 dBm N 1 f 7.606 GHz 301 38 dBm 4 f 7.606 GHz 31.37 dBm 7 F	Freq Offset 0 Hz

3GHz~10GHz_Band7 15MHz_QPSK 1 0_LowCH20825-2507.5

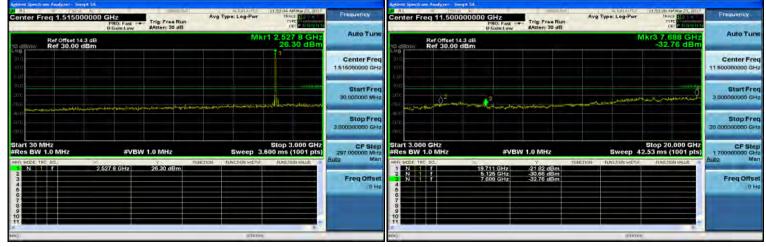
Center Freq 11.5000000	0 GHz PNO: Fast	Trig: Free Run #Atten: 30 dB	Aug Type: Log-Pwr	11:52:19 AM Mar 21, 2017 TRACE 12:55 TYTE M NAME AND DET P TODITION	Frequency
TO dB/div Ref 0ffset 14.3 dB			N	kr3 7.523 GHz -30.67 dBm	Auto Tur
310 					Center Fre 11.50000000 GP
1012 2012 State Damastran	2 ³		Maria Mar	anishing same from the state of	Start Fre 3,000000000 GR
Apro anno anno anno anno anno anno anno an					Stop Fre 20 00000000 GP
Start 3.000 GHz #Res BW 1.0 MHz	#VBW	1.0 MHz	Sweep 4:	Stop 20.000 GHz 2.53 ms (1001 pts)	CF Sta 1 70000000 GR
2 N 1 F N 1 F 4 5 5 7	8.419 GHz 5.015 GHz 7.523 GHz	21.39 dBm -31.19 dBm -30.67 dBm	UNETION FUNCTION WOTH	FUNCTION WALLE	Auto Mi
			STATUS	1	

30MHz~3GHz_Band7 15MHz_QPSK 1 0_MidCH20175-1732.5

30MHz~3GHz_Band7 15MHz_QPSK 1 0_HighCH21375-2562.5



3GHz~10GHz_Band7 15MHz_QPSK 1 0_HighCH21375-2562.5



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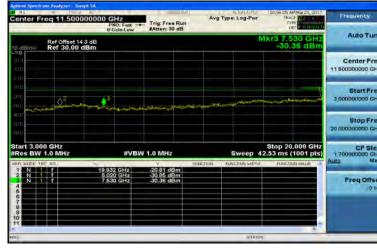
Report No.: ER/2017/30117 Page 201 of 340

30MHz~3GHz_Band7 20MHz_QPSK 1 0_LowCH20850-2510

3GHz~10GHz_Band7 20MHz_QPSK 1 0_MidCH21100-2535

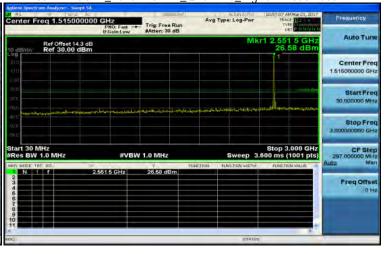
ni Spectrum Analyzer - Swept SA	Agilene Spectrum Analyzer - Swept SA		
Iter Freq 1.515000000 GHz and the freq freq 1.515000000 GHz and the freq freq freq freq freq freq freq fre	Frequency	Center Freq 11.500000000 GHz Pho: Fast Fointer	Frequency
Ref Offset 14.3 dB Mkr1 2.501 0 GHz B/div Ref 30.00 dBm 26.33 dBm	Auto Tune	Ref Offset 14.3 dB Mkr3 7.605 GHz 10 dB/aux Ref 30.00 dBm -32.05 dBm	Auto Tune
	Center Freq 1.51600000 GHz		Center Fred 11.50000000 GHp
من المن المن المن المن المن المن المن ال	Start Freq 30,000000 MHz	100 and a second	Start Freq 3,000000000 GHz
	Stop Freq 3.00000000 GHz	- 40 0 - 200	Stop Freq 20 80000000 GHz
rt 30 MHz Stop 3.000 GHz ss BW 1.0 MHz #VBW 1.0 MHz Sweep 3.500 ms (100 rpts) Wort ns 59 20 V Sweep 3.500 ms (100 rpts)	CF Step 297.000000 MHz Auto Man	Start 3.000 GHz Stop 20.000 GHz #Res BW 1.0 MHz #VBW 1.0 MHz Sweep 42.53 ms(1001 pts) ₩₩ μαο tre 5d	CF Step 1 700000000 GHz
N 1 f 2,5010 GHz 26,33 dBm	Freq Offset 0 Hz	1 N 1 F 19.456 GHz .21.51 dBm 2 N 1 F 5070 GHz .30.74 dBm	Freq Offset 0 Hz
STATUS		esq. EtAtus	

3GHz~10GHz_Band7 20MHz_QPSK 1 0_LowCH20850-2510

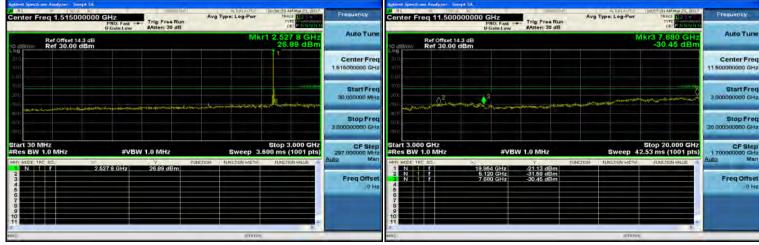


30MHz~3GHz_Band7 20MHz_QPSK 1 0_MidCH21100-2535

30MHz~3GHz_Band7 20MHz_QPSK 1 0_HighCH21350-2560



3GHz~10GHz_Band7 20MHz_QPSK 1 0_HighCH21350-2560



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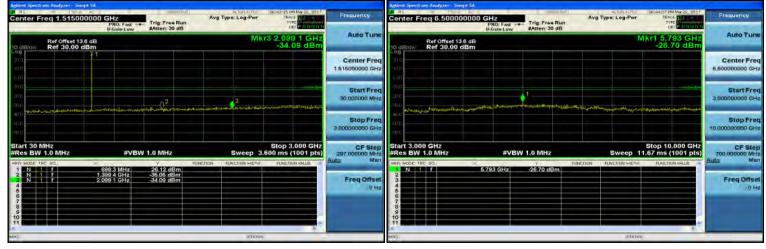
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Report No.: ER/2017/30117 Page 202 of 340

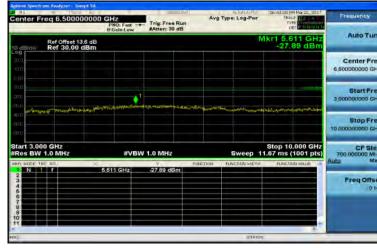


30MHz~3GHz_Band12 1.4MHz_QPSK 1 0_LowCH23017-699.7

3GHz~10GHz_Band12 1.4MHz_QPSK 1 0_MidCH23095-707.5

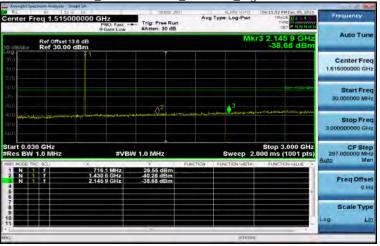


3GHz~10GHz_Band12 1.4MHz_QPSK 1 0_LowCH23017-699.7

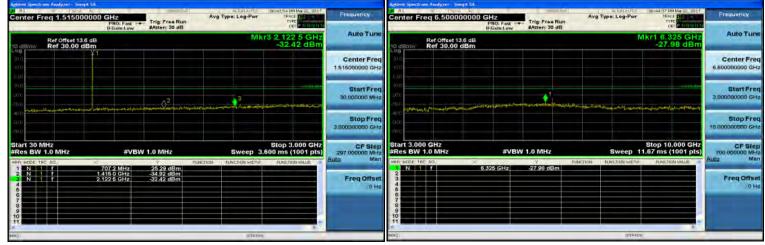


30MHz~3GHz_Band12 1.4MHz_QPSK 1 0_MidCH23095-707.5

30MHz~3GHz_Band12 1.4MHz_QPSK 1 0_HighCH23173-715.3



3GHz~10GHz_Band12 1.4MHz_QPSK 1 0_HighCH23173-715.3



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