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Band2_5MHz_QPSK_25_0_LowCH18625-1852.5



Band2 5MHz QPSK 25 0 HighCH19175-1907.5



Band2_10MHz_QPSK_1_0_LowCH18650-1855



Band2_10MHz_QPSK_1_49_HighCH19150-1905



Band2_10MHz_QPSK_50_0_LowCH18650-1855



Band2_10MHz_QPSK_50_0_HighCH19150-1905



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Band2_15MHz_QPSK_1_0_LowCH18675-1857.5



Band2 15MHz QPSK 1 74 HighCH19125-1902.5



Band2_15MHz_QPSK_75_0_LowCH18675-1857.5



Band2_15MHz_QPSK_75_0_HighCH19125-1902.5



Band2_20MHz_QPSK_1_0_LowCH18700-1860



Band2_20MHz_QPSK_1_99_HighCH19100-1900



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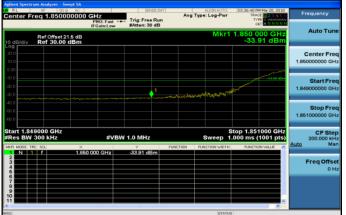
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Band2_20MHz_QPSK_100_0_LowCH18700-1860



Band2 20MHz QPSK 100 0 HighCH19100-1900



Band4_1_4MHz_QPSK_1_0_LowCH19957-1710.7



Band4_1_4MHz_QPSK_1_5_HighCH20393-1754.3



Band4_1_4MHz_QPSK_6_0_LowCH19957-1710.7



Band4_1_4MHz_QPSK_6_0_HighCH20393-1754.3



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Band4_3MHz_QPSK_1_0_LowCH19965-1711.5



Band4 3MHz QPSK 1 14 HighCH20385-1753.5



Band4_3MHz_QPSK_15_0_LowCH19965-1711.5

gilent Spectrum Analyzer - Swept SA				
RL RF 50 Q AC	GHz	ALIGNAUTO Avg Type: Log-Pwr	05:24:06 PM Mar 28, 2018 TRACE 2 3 4 5 6	Frequency
	PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB		DET ANNNNN	
Ref Offset 21.5 dB		Mkr1	1.710 000 GHz -28.67 dBm	Auto Tuni
100				Center Fre 1.710000000 GH
				Start Fre 1.709000000 GH
0.0				Stop Fre 1.711000000 GF
tart 1.709000 GHz Res BW 39 kHz	#VBW 120 kHz		top 1.711000 GHz .667 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
	0 000 GHz -28.67 dBm	CHUR FORCIDA WIDTH	FORE HER WILDE	Freq Offse 0 H
9 9 1			_	
83		STATUS	>	

Band4_3MHz_QPSK_15_0_HighCH20385-1753.5



Band4_5MHz_QPSK_1_0_LowCH19975-1712.5



Band4_5MHz_QPSK_1_24_HighCH20375-1752.5



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Band4_5MHz_QPSK_25_0_LowCH19975-1712.5



Band4 5MHz QPSK 25 0 HighCH20375-1752.5



Band4_10MHz_QPSK_1_0_LowCH20000-1715



Band4_10MHz_QPSK_1_49_HighCH20350-1750



Band4_10MHz_QPSK_50_0_LowCH20000-1715



Band4_10MHz_QPSK_50_0_HighCH20350-1750

RL RF 50.0 AC		SENSE:INT		ALIGN AUTO		Mar 28, 2018	Frequen	
nter Freq 1.75500000	0 GHz PNO: Wide	Trig: Free Run	Avg Ty	pe: Log-Pwr	TYP		Frequen	сy
Ref Offset 21.5 dB dB/div Ref 30.00 dBm	IFGain:Low	#Atten: 30 dB		Mkr1	1.755 0		Auto	Tur
9 .0 .0							Cente 1.7550000	
	mon	Norman 1				-10.00 dQm	Star 1.7540000	
0					*		Stop 1.75600000	
art 1.754000 GHz les BW 100 kHz	#VB	W 300 KHz	FUNCTION	Sweep 1	3top 1.756 .000 ms (1	1001 pts)	CF 200.0 Auto	F Ste 100 ki M
	55 000 GHz	-36.95 dBm			PUNCTO		Freq	Offs 01
				STATUS		>		

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Band4_15MHz_QPSK_1_0_LowCH20025-1717.5



Band4 15MHz QPSK 1 74 HighCH20325-1747.5



Band4_15MHz_QPSK_75_0_LowCH20025-1717.5

gilent Spectrum Analyzer - Swept SA				
RL RF SO AC	SENSE:INT	ALIONAUTO	D4:49:54 PM Mar 28, 2018	Frequency
Center Freq 1.71000000	PNO: Wide Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6 TYPE A MANANAN DET A NNNNN	
Ref Offset 21.6 dB		Mkr1	1.710 000 GHz -35.59 dBm	Auto Tuni
20.0				Center Free 1.710000000 GH
10.0 20.0 30.0		Norman Marker Marker and		Start Fre 1.709000000 GH
				Stop Fre 1.711000000 GH
tart 1.709000 GHz Res BW 200 kHz	#VBW 620 kHz	Sweep 1	top 1.711000 GHz .000 ms (1001 pts)	CF Ste 200.000 kH Auto Ma
N MODE TRC SEL X	0 000 GHz -35.59 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	i ma
2 3 4 6				Freq Offse 0 H
6 7 8 9				
			×	
sa		STATU		

Band4_15MHz_QPSK_75_0_HighCH20325-1747.5



Band4_20MHz_QPSK_1_0_LowCH20050-1720



Band4 20MHz QPSK 1 99 HighCH20300-1745



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Band4_20MHz_QPSK_100_0_LowCH20050-1720



Band4 20MHz QPSK 100 0 HighCH20300-1745



Band5_1_4MHz_QPSK_1_0_LowCH20407-824.7



Band5_1_4MHz_QPSK_1_5_HighCH20643-848.3



Band5_1_4MHz_QPSK_6_0_LowCH20407-824.7



Band5_1_4MHz_QPSK_6_0_HighCH20643-848.3



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Band5_3MHz_QPSK_1_0_LowCH20415-825.5



Band5 3MHz QPSK 1 14 HighCH20635-847.5



Band5_3MHz_QPSK_15_0_LowCH20415-825.5



Band5_3MHz_QPSK_15_0_HighCH20635-847.5



Band5_5MHz_QPSK_1_0_LowCH20425-826.5



Band5_5MHz_QPSK_1_24_HighCH20625-846.5



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Band5_5MHz_QPSK_25_0_LowCH20425-826.5



Band5 5MHz QPSK 25 0 HighCH20625-846.5



Band5_10MHz_QPSK_1_0_LowCH20450-829



Band5_10MHz_QPSK_1_49_HighCH20600-844



Band5_10MHz_QPSK_50_0_LowCH20450-829



Band5_10MHz_QPSK_50_0_HighCH20600-844

Auto Tu
Center Fr 849.000000 M
Start Fr 848.000000 M
Stop Fr 850.000000 M
CF St 200.000 k Auto M
Freq Offs

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Out of Band Emission

30MHz~3GHz GSM 850MHz LowCH128-824.2



3GHz~10GHz_GSM_850MHz_LowCH128-824.2



30MHz~3GHz GSM 850MHz MidCH190-836.6



3GHz~10GHz_GSM_850MHz_MidCH190-836.6



30MHz~3GHz GSM 850MHz HighCH251-848.8



3GHz~10GHz_GSM_850MHz_HighCH251-848.8



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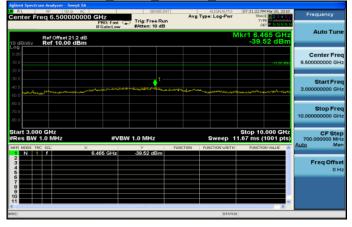
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30MHz~3GHz_GPRS_850MHz_LowCH128-824.2



3GHz~10GHz GPRS 850MHz LowCH128-824.2



30MHz~3GHz GPRS 850MHz MidCH190-836.6

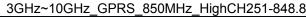


3GHz~10GHz_GPRS_850MHz_MidCH190-836.6



30MHz~3GHz GPRS 850MHz HighCH251-848.8







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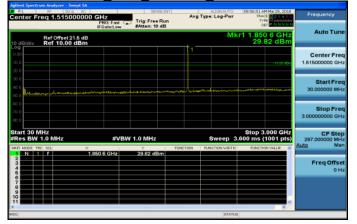
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30MHz~3GHz_GSM_1900MHz_LowCH512-1850.2



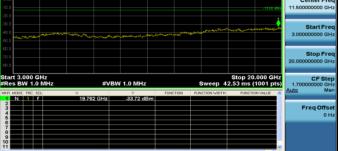
3GHz~10GHz GSM 1900MHz LowCH512-1850.2



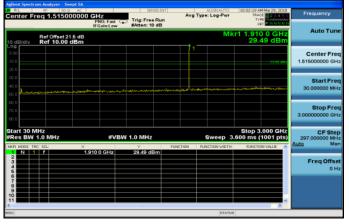
30MHz~3GHz GSM 1900MHz MidCH661-1880



3GHz~10GHz_GSM_1900MHz_MidCH661-1880 ter Freq 11.500000000 GHz ALIGNAUT Trig: Free Run Ref Offset 21.5 dB Ref 10.00 dBm Center Fre



30MHz~3GHz GSM 1900MHz HighCH810-1909.8





gilent Spectrum And	ilyzer - Swept SA						
RL RF	50 9 AC		SENSE:IN	Ť	ALIGN AUTO	10:02:29 AMMar 29, 2018	-
enter Freg 1	11.500000000	GHz		Avg	Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
		PNO: Fast	Trig: Free Run			DET PINNNN	
		IFGain:Low	#Atten: 10 dB			Der	
					M	(r1 19.813 GHz	Auto Tur
Ref	Offset 21.5 dB					-33.53 dBm	
0 dB/div Ref	10.00 dBm					-00.00 abiii	
1.00							0
							Center Fr
0.0						-13.00 (64)	11.500000000 G
0.0							
						1	
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art 3.000 GH	z					Stop 20.000 GHz	CF St
Res BW 1.0 N	ИHZ	#VBW	1.0 MHz		Sweep 4	2.53 ms (1001 pts)	1.700000000 G
FI NODE TRC SCL	×		×	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto M
1 N 1 F	191	813 GHz	-33.53 dBm				
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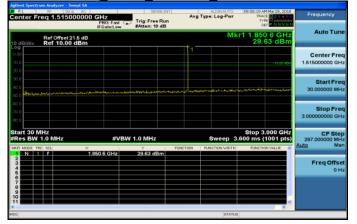
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30MHz~3GHz_GPRS_1900MHz_LowCH512-1850.2



3GHz~10GHz GPRS 1900MHz LowCH512-1850.2



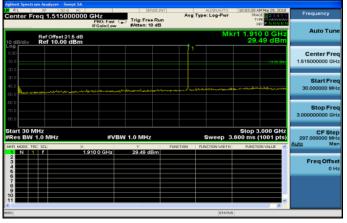
30MHz~3GHz GPRS 1900MHz MidCH661-1880



3GHz~10GHz_GPRS_1900MHz_MidCH661-1880



30MHz~3GHz GPRS 1900MHz HighCH810-1909.8





00 GHz		ALIONAUTO Avg Type: Log-Pwr	18:83:37 AMM# 29, 2018 TRACE 1 2 3 4 5 0 TYPE MINIMIN	Frequency
		М	kr1 18.623 GHz -33.62 dBm	Auto Tuni
			-13.00.08w	Center Fre 11.500000000 GH
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				Stop Fre 20.000000000 GH
	Y FU		Stop 20.000 GHz 2.53 ms (1001 pts)	CF Ste 1.70000000 GH Auto Ma
10.023 GHZ				Freq Offse 0 H
	#VBW 1	Trg: Free Run FG cam, cw FG cam, cw Fd	Avg Type: Log-Pur PRO: Fac PRO: Fa	Avg Type:Log-Pur Head Blag son PRO:Fast / Trig: Free Run Protection / Son Protection / Son Protect

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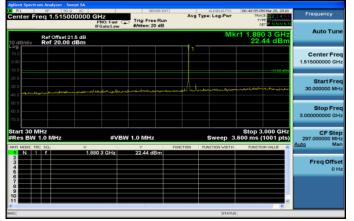
30MHz~3GHz_WCDMA_B2_LowCH9262-1852.4



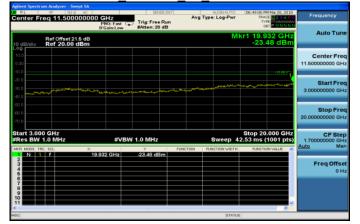
3GHz~10GHz_WCDMA_B2_LowCH9262-1852.4



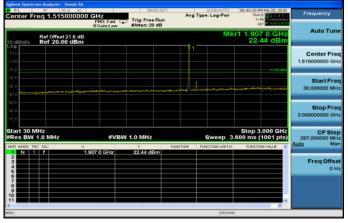
30MHz~3GHz WCDMA B2 MidCH9400-1880



3GHz~10GHz_WCDMA_B2_MidCH9400-1880



30MHz~3GHz WCDMA B2 HighCH9538-1907.6





gilent Spectrum Analy	zer - Swept SA						
RL RF	50 9 AC		SENSE:1	NT	ALIGNAUTO	06:49:38 PM Mar 28, 2018	
enter Freg 11	1.500000000	GHz		Ave	Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
		PNO: Fast G	Trig: Free Ru	n		TYPE MUMANAAAAA	
		FGain:Low	#Atten: 20 dB	1		Der	
					M	kr1 16.532 GHz	Auto Tu
Ref 0	ffset 21.5 dB					-23.60 dBm	
dB/div Ref	20.00 dBm					-23.00 dBm	
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00							11.50000000 G
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Res BW 1.0 MI		10.753	V 1.0 MHz		Curaon 4	2.53 ms (1001 pts)	CF St
Ces DW 1.0 Mi	12	#404	V 1.0 WHZ		aweep 4	2.55 ms (1001 pts)	1.700000000
FI MODE TRC SCL	х		Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto N
1 N 1 F	16.5	532 GHz	-23.60 dBm				
2							
3							Freq Off
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2					STATU	5	

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30MHz~3GHz_WCDMA_B4_LowCH1312-1712.4



3GHz~10GHz_WCDMA_B4_LowCH1312-1712.4



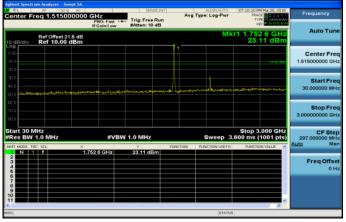
30MHz~3GHz WCDMA B4 MidCH1413-1732.6



3GHz~10GHz_WCDMA_B4_MidCH1413-1732.6



30MHz~3GHz WCDMA B4 HighCH1513-1752.6





glent Spectrum Analyzer - Swept	SA				
RL RF 50.9	AC	SENSE:INT	ALIGNAUTO	07:10:19 PM Mar 28, 2018	
enter Freg 11.50000	0000 GHz		Avg Type: Log-Pwr	TRACE 1 2 3 4 5 6	Frequency
	PNO: Fast ==	Trig: Free Run		DET P N N N N N	
	IFGain:Low	#Atten: 10 dB		DET	
			•	1kr3 5.258 GHz	Auto Tu
Ref Offset 21.5	dB			-43.62 dBm	
dB/div Ref 10.00 dB	im			-43.62 dBm	
00					Center Fr
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tes BW 1.0 MHz	#1/D1	N 1.0 MHz	Succes 4	2.53 ms (1001 pts)	CF St
Ces BW 1.0 MHz	#40		aweep +	2.55 ms (1001 pts)	1.70000000 0 Auto
PI MODE TRC SCL	х		UNCTION FUNCTION WIDTH	FUNCTION VALUE	Auto N
N 1 f	19.864 GHz	-34.47 dBm			
2 N 1 f	3.505 GHz	-44.50 dBm			Freq Off
N 1 f	5 258 GHz	-43.62 dBm			
					0
			STATUS		

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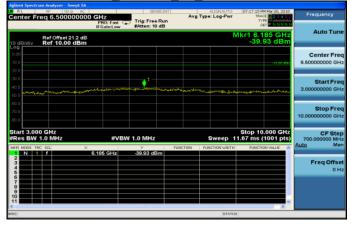
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30MHz~3GHz_WCDMA_B5_LowCH4132-826.4

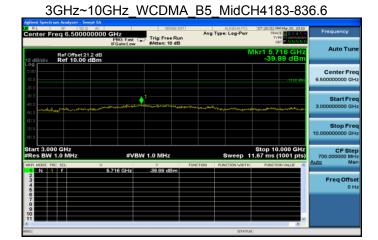


3GHz~10GHz WCDMA B5 LowCH4132-826.4



30MHz~3GHz WCDMA B5 MidCH4183-836.6





30MHz~3GHz WCDMA B5 HighCH4233-846.6





	um Analyzer - S						1	
Center Fi	req 6.5000	000000 GH	Z NO: Fast G	Trig: Free F	A.	vg Type: Log-Pwr	07:24:16 PM Mar 28, 2018 TRACE 2 3 4 5 6 TYPE COMMAND	Frequency
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-10.0							-13.00 094	Center Fre 6.500000000 GH
-40.0	area and and and a star	استعين سطور والمحال	Aldelay, a Role	1	م _{الى} يەلەرەمىيە،	المرومية ومعاملين	an gay and a star and a star and a star a	Start Fre 3.000000000 GH
60.0 70.0 60.0								Stop Fre 10.000000000 GF
start 3.00 Res BW			#VBV	N 1.0 MHz		Sweep 1	Stop 10.000 GHz 1.67 ms (1001 pts)	CF Ste 700.000000 MH
WEFE MODE TH		×	9 GHz	-39.26 dBrr	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	Auto Ma
2 3 4 6								Freq Offs 0 F
6 7 8 9								
11							×	
86						STATU	8	

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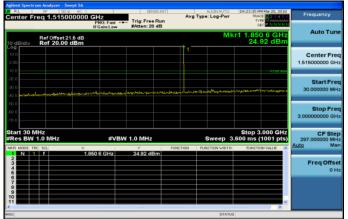
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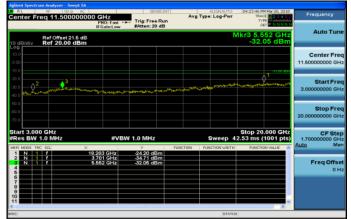
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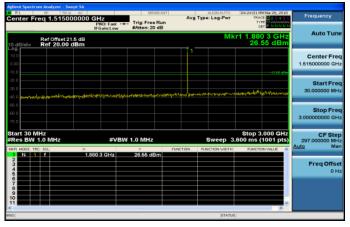
30MHz~3GHz_Band2_1_4MHz_QPSK_1_0_LowCH18607 -1850.7



3GHz~10GHz Band2 1 4MHz QPSK 1 0 LowCH18607 -1850.7



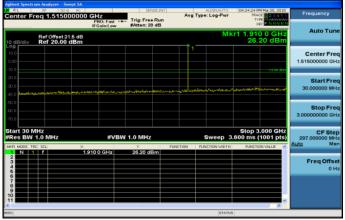
30MHz~3GHz_Band2_1_4MHz_QPSK_1_0_MidCH18900 -1880



3GHz~10GHz_Band2_1_4MHz_QPSK_1_0_MidCH18900 -1880



30MHz~3GHz_Band2_1_4MHz_QPSK_1_0_HighCH1919 3-1909.3



3GHz~10GHz_Band2_1_4MHz_QPSK_1_0_HighCH1919 3-1909.3



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