Appendix G: Test Data for E-UTRA Band 7

Product Name: Mobile Radio Trade Mark: ANYSECU Test Model: W2plus

Environmental Conditions

Temperature:	24.3° C
Relative Humidity:	53.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond.Lu
Supervised by:	Wang.Chuang

G.1 Conducted Output Power

		Conducte	d Output Pov	ver Test Result (Channel Ban	dwidth: 5 MHz)	
Modulation Char	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Vardiat
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict
		1	0	23.08	22.04	PASS
		1	12	22.51	21.84	PASS
		1	24	22.04	21.45	PASS
	LCH	12	0	21.92	20.88	PASS
		12	6	21.85	20.78	PASS
		12	13	21.68	20.70	PASS
		25	0	21.74	20.66	PASS
		1	0	23.57	22.47	PASS
		1	12	23.66	22.51	PASS
		1	24	23.48	22.29	PASS
QPSK / 16QAM	MCH	12	0	22.56	21.61	PASS
TOQAM		12	6	22.56	21.60	PASS
		12	13	22.49	21.52	PASS
		25	0	22.52	21.55	PASS
		1	0	21.89	21.13	PASS
		1	12	22.27	21.47	PASS
	НСН	1	24	22.51	21.66	PASS
		12	0	21.05	20.07	PASS
		12	6	21.34	20.40	PASS
		12	13	21.59	20.66	PASS
		25	0	21.46	20.46	PASS

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		Conducted	d Output Pow	ver Test Result (Channel Band	dwidth: 10 MHz)	
		RB Configuration		Average Power [dBm]	Average Power [dBm]	\/a reliat
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict
		1	0	22.96	21.95	PASS
		1	24	21.44	20.83	PASS
		1	49	20.21	19.64	PASS
	LCH	25	0	21.69	20.60	PASS
		25	12	20.87	20.09	PASS
		25	25	20.11	19.19	PASS
		50	0	21.01	20.21	PASS
		1	0	23.36	22.62	PASS
QPSK /		1	24	23.45	22.67	PASS
		1	49	23.17	22.38	PASS
	MCH	25	0	22.51	21.53	PASS
16QAM		25	12	22.51	21.52	PASS
		25	25	22.41	21.42	PASS
		50	0	22.46	21.49	PASS
		1	0	20.21	19.62	PASS
НСН		1	24	21.23	20.61	PASS
		1	49	22.47	21.92	PASS
	НСН	25	0	19.64	18.64	PASS
		25	12	20.34	19.33	PASS
		25	25	21.26	20.30	PASS
		50	0	20.49	19.52	PASS

	Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)						
		RB Configuration		Average Power [dBm]	Average Power [dBm]) (and ist	
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict	
		1	0	22.92	21.94	PASS	
		1	37	20.55	20.00	PASS	
		1	74	20.32	19.60	PASS	
	LCH	37	0	21.27	20.48	PASS	
		37	18	20.13	19.21	PASS	
		37	38	19.48	18.47	PASS	
		75	0	20.48	19.56	PASS	
		1	0	23.25	22.48	PASS	
		1	37	23.56	22.72	PASS	
QPSK /		1	74	22.91	22.28	PASS	
	MCH	37	0	22.63	21.55	PASS	
16QAM		37	18	22.65	21.56	PASS	
		37	38	22.53	21.44	PASS	
		75	0	22.65	21.56	PASS	
		1	0	20.90	20.25	PASS	
		1	37	20.31	19.62	PASS	
НСН		1	74	22.57	21.83	PASS	
	НСН	37	0	19.39	18.49	PASS	
		37	18	19.50	18.61	PASS	
		37	38	20.72	19.76	PASS	
		75	0	20.09	19.09	PASS	

		Conducted	l Output Pow	er Test Result (Channel Band	lwidth: 20 MHz)	
Madulation		RB Configuration		Average Power [dBm]	Average Power [dBm]	Vordiot
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict
		1	0	23.02	22.03	PASS
		1	49	20.38	19.59	PASS
		1	99	21.83	21.06	PASS
	LCH	50	0	20.77	19.96	PASS
		50	25	19.57	18.53	PASS
		50	50	19.66	18.71	PASS
		100	0	20.38	19.45	PASS
		1	0	23.12	22.37	PASS
		1	49	23.60	22.72	PASS
QPSK /		1	99	22.69	21.94	PASS
16QAM	MCH	50	0	22.47	21.47	PASS
TOQAIVI		50	25	22.49	21.50	PASS
		50	50	22.31	21.29	PASS
		100	0	22.36	21.38	PASS
		1	0	22.13	21.61	PASS
НСН		1	49	20.22	19.54	PASS
		1	99	22.63	21.95	PASS
	НСН	50	0	20.10	19.18	PASS
		50	25	19.41	18.55	PASS
		50	50	20.34	19.36	PASS
		100	0	20.19	19.20	PASS

G.2 Peak-to-Average Ratio

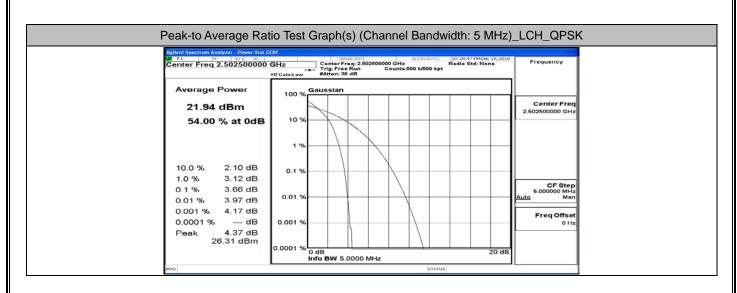
	Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Channe	[dB]	[dB]	verdict		
	LCH	3.66	<13	PASS		
QPSK	MCH	4.69	<13	PASS		
	НСН	5.21	<13	PASS		
	LCH	4.47	<13	PASS		
16QAM	MCH	5.46	<13	PASS		
	НСН	5.99	<13	PASS		

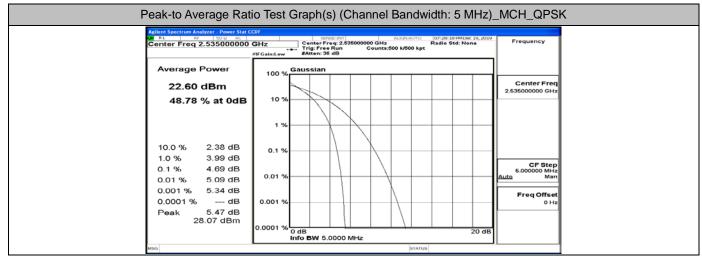
	Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Wouldton	Channel	[dB]	[dB]	Verdict		
	LCH	4.62	<13	PASS		
QPSK	MCH	4.83	<13	PASS		
	НСН	5.58	<13	PASS		
	LCH	5.22	<13	PASS		
16QAM	MCH	5.56	<13	PASS		
	НСН	6.28	<13	PASS		

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	Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
wouldton	Channel	[dB]	[dB]	Verdict		
	LCH	5.11	<13	PASS		
QPSK	MCH	4.94	<13	PASS		
	НСН	5.1	<13	PASS		
	LCH	6.15	<13	PASS		
16QAM	MCH	6.05	<13	PASS		
	НСН	6.28	<13	PASS		

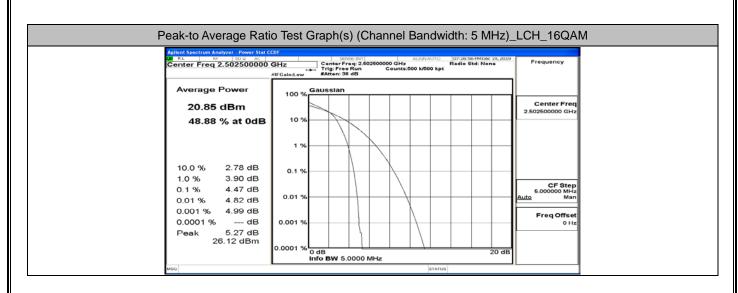
	Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Ghannei	[dB]	[dB]	Verdict		
	LCH	5.75	<13	PASS		
QPSK	MCH	5.69	<13	PASS		
	НСН	5.8	<13	PASS		
	LCH	6.77	<13	PASS		
16QAM	MCH	6.69	<13	PASS		
	НСН	6.69	<13	PASS		

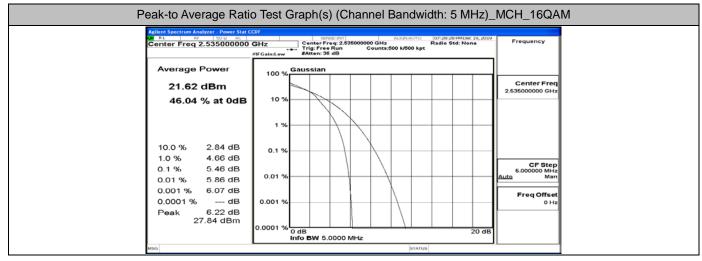


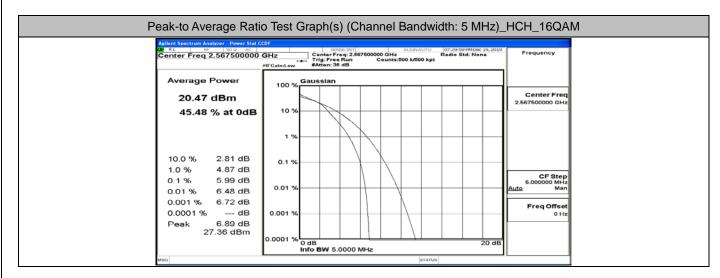


	io Test Graph(s) (Channel Bandwidth: 5 MHz)	_HCH_QPSK
Allent Spectrum Analyzer. Bower Stat DR RL VP SO AC Center Freq 2.567500000	SENSE:INT ALIGNAUTO 07:29:50 PMDec 19, 2015	Frequency
Average Power 21.49 dBm	100 % Gaussian	Center Freq 2.567500000 GHz
47.44 % at 0dB	1%	
10.0 % 2.36 dB 1.0 % 4.29 dB	0.1 %	
0.1 % 5.21 dB 0.01 % 5.67 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % 6.00 dB 0.0001 % dB Peak 6.01 dB	0.001 %	Freq Offset 0 Hz
27.50 dBm	0.0001 % 0 dB 20 dB 20 dB	
MSG	STATUS	

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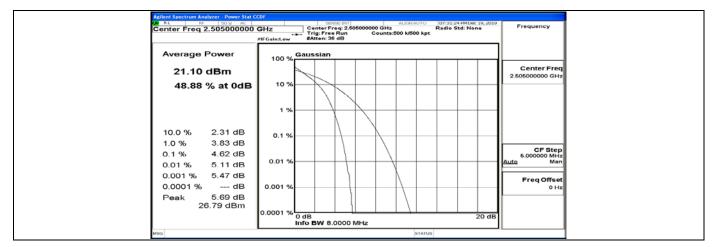
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK

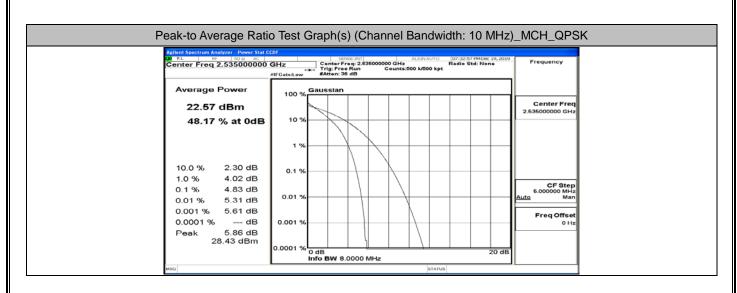
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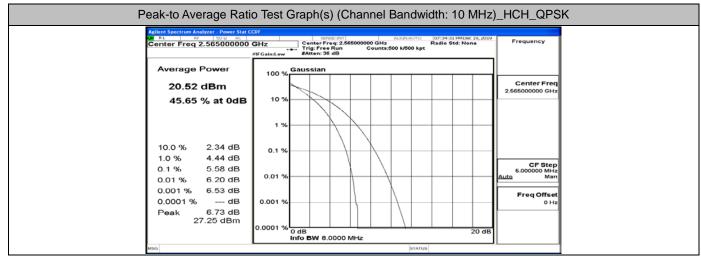
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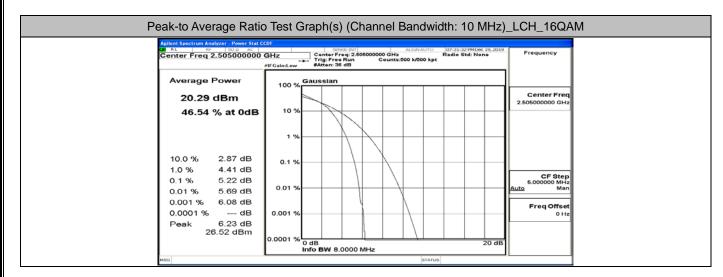
FCC ID: 2AVLJGC388082

Report No.: LCS191202020AEG







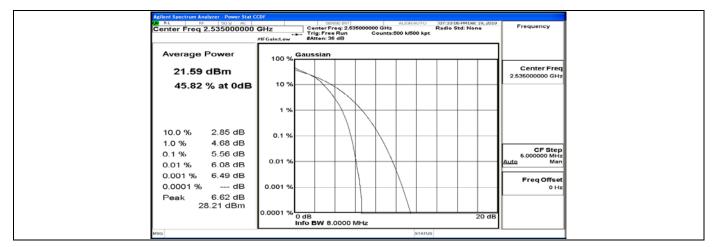


Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM

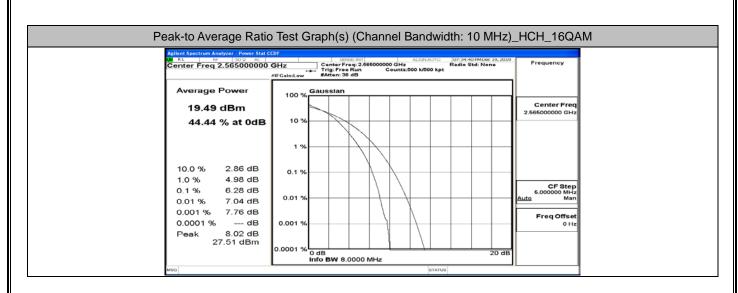
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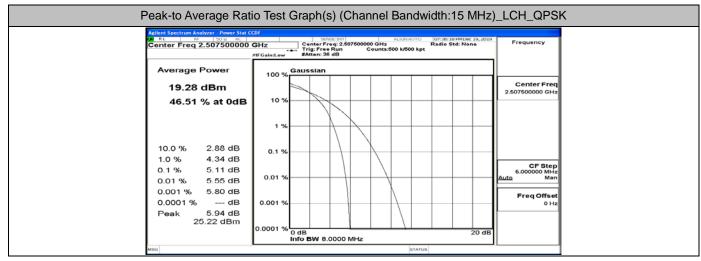
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2AVLJGC388082

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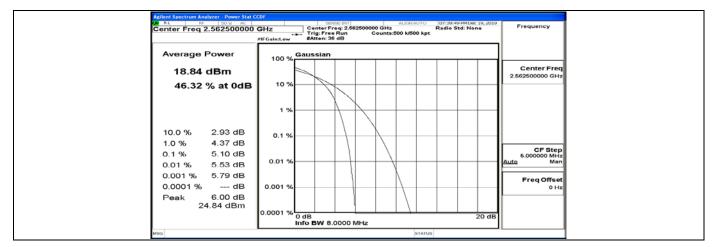
Agilent Spectrum Analyzer - Power Stat C		
Center Freq 2535000000	#EGainLow #Atten: 8 dB	Frequency
21.68 dBm 47.15 % at 0dB	100 %	Center Freq 2.535000000 GHz
	1 %	
10.0 % 2.86 dB 1.0 % 4.20 dB	0.1 %	
0.1 % 4.94 dB 0.01 % 5.39 dB 0.001 % 5.62 dB	0.01 %	CF Step 6.000000 MHz Auto Man
0.0001 % dB Peak 5.83 dB	0.001 %	Freq Offset 0 Hz
27.51 dBm	0.0001 % 0 dB 20 dB 20 dB 20 dB	
MSG	STATUS	

Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK

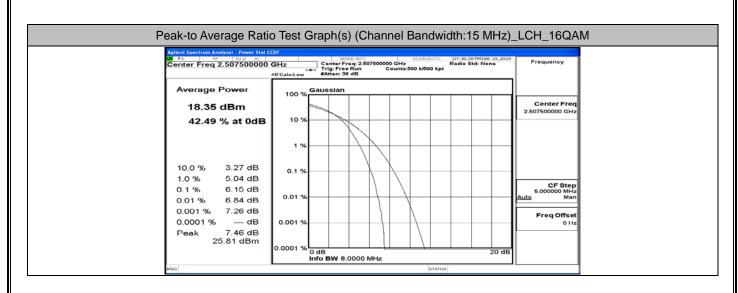
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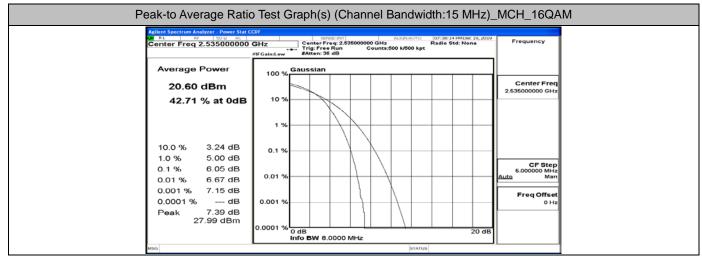
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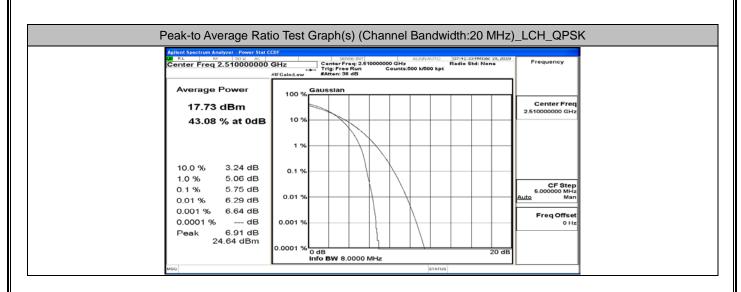
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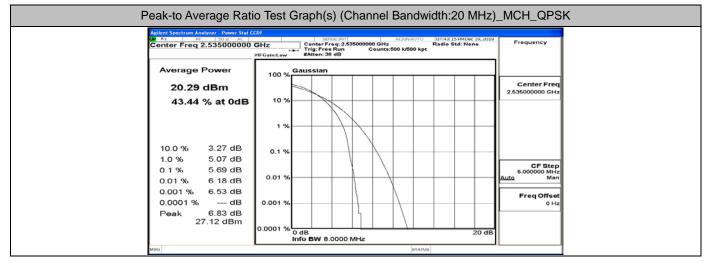




Peak-to Average Ratio	o Test Graph(s) (Channel Bandwidth:15 MHz)	HCH_16QAM
Anlent Spectrum Analyzer. Power Stat On Rts. We Stor Acc Center Freq 2.562500000	SENSEINT ALIGNAUTO 07:39:58 PMDec 19, 2019	Frequency
Average Power 17.81 dBm	100 % Gaussian	Center Freq 2.56250000 GHz
42.19 % at 0dB	10 %	
10.0 % 3.30 dB 1.0 % 5.14 dB	0.1 %	CF Step
0.1 % 6.28 dB 0.01 % 7.03 dB 0.001 % 7.38 dB	0.01 %	6.000000 MHz Auto Man
0.0001 % dB Peak 7.57 dB 25.38 dBm	0.001 %	Freq Offset 0 Hz
MSG	0.0001 % 0 dB 20 dB Info BW 8.0000 MHz	

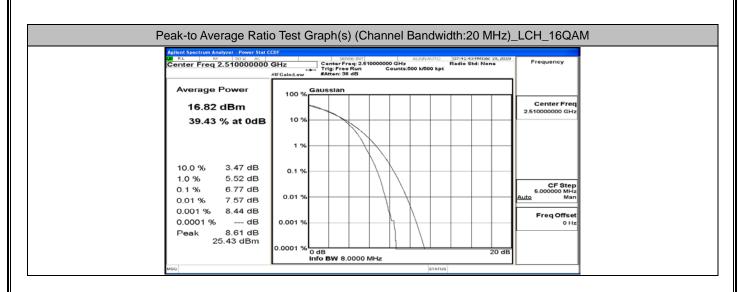
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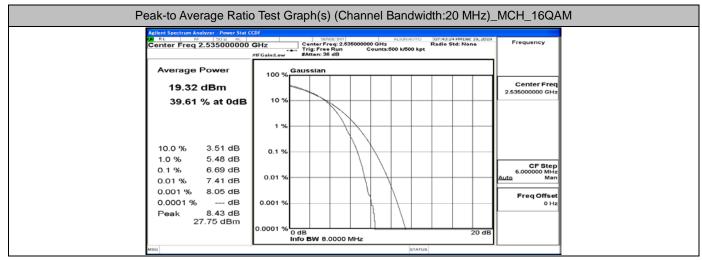




-	o Test Graph(s) (Channel Bandwidth:20 MHz)	_HCH_QPSK
Adlent Spectrum Analyzer – Power Stat C OM RL – NP – SSU AC Center Freq 2.5500000000	SENSE:INT ALIONAUTO 07:44:55 PMDec 19, 2019	Frequency
Average Power 17.35 dBm	100 % Gaussian	Center Freq 2.560000000 GHz
43.02 % at 0dB	1%	
10.0 % 3.25 dB 1.0 % 5.10 dB	0.1 %	
0.1 % 5.80 dB 0.01 % 6.35 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % 6.70 dB 0.0001 % dB Peak 6.85 dB	0.001 %	Freq Offset 0 Hz
24.20 dBm	0.0001 % 0 dB 20 dB Info BW 8.0000 MHz	
MSG	STATUS	· · · · · · · · · · · · · · · · · · ·

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Peak-to Average Rati	o Test Graph(s) (Channel Bandwidth:20 MHz)	HCH_16QAM
Aglent Spectrum Analyzer. Power Stat Of Rt. 99 80 46 Center Freq 2.5660000000	SENSE:INT ALIONAUTO 07:45:05 PMDec 19, 2019	Frequency
Average Power 16.38 dBm	100 % Gaussian	Center Freq 2.560000000 GHz
39.37 % at 0dB	10 %	
10.0 % 3.48 dB 1.0 % 5.53 dB	0.1 %	CF Step
0.1 % 6.69 dB 0.01 % 7.43 dB 0.001 % 7.98 dB	0.01 %	6.00000 MHz <u>Auto</u> Man
0.0001 % dB Peak 8.41 dB 24.79 dBm	0.001 %	Freq Offset 0 Hz
4.79 dbiii	0.0001 % 0 dB 20 dB Info BW 8.0000 MHz	

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G.3 26dB Bandwidth and Occupied Bandwidth

	EBW & OBW T	est Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Channer	(MHz)	(MHz)	Verdict
	LCH	4.4987	6.530	PASS
QPSK	MCH	4.4824	4.872	PASS
	НСН	4.4867	4.832	PASS
	LCH	4.4856	5.345	PASS
16QAM	MCH	4.4851	4.848	PASS
	НСН	4.4831	4.862	PASS

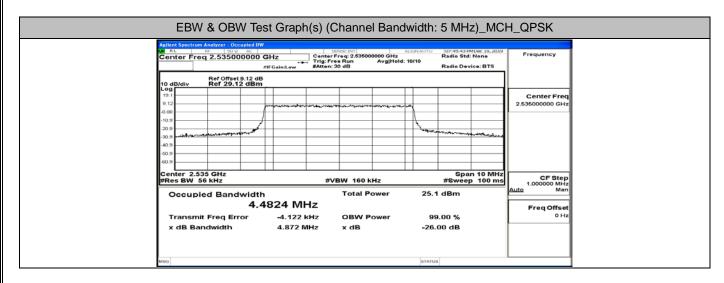
	EBW & OBW Te	est Result (Channel Band	dwidth: 10 MHz)	
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
	LCH	8.9632	9.673	PASS
QPSK	MCH	8.9380	9.473	PASS
	НСН	8.9392	9.440	PASS
	LCH	8.9634	9.679	PASS
16QAM	MCH	8.9184	9.443	PASS
	НСН	8.9372	9.349	PASS

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	EBW & OBW Te	est Result (Channel Band	dwidth: 15 MHz)	
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
	LCH	13.441	14.26	PASS
QPSK	MCH	13.403	14.32	PASS
	НСН	13.432	14.18	PASS
	LCH	13.443	14.16	PASS
16QAM	MCH	13.396	14.08	PASS
	НСН	13.418	14.05	PASS

	EBW & OBW Te	est Result (Channel Band	lwidth: 20 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Channel	(MHz)	(MHz)	Verdict
	LCH	17.917	18.69	PASS
QPSK	MCH	17.854	18.59	PASS
	НСН	17.911	18.65	PASS
	LCH	17.918	18.68	PASS
16QAM	MCH	17.845	18.63	PASS
	НСН	17.906	18.67	PASS

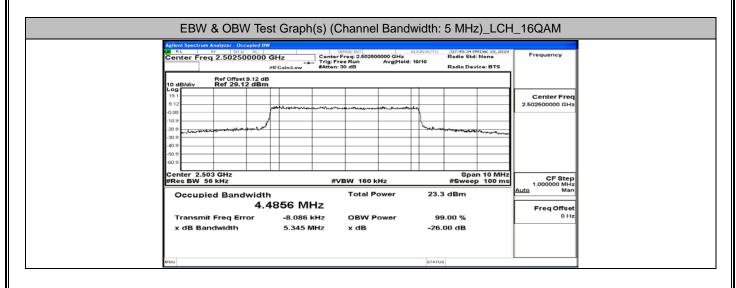
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK enter Freq 2.502500000 GHz 07:45:25 PMDec 19,2 Radio Std: None Frequency 000 GHz Avg|Hold: 10/10 Center Freq: 2 Trig: Free Run #Atten: 30 dB Radio Device: BTS Ref Offset 9.12 dB Ref 29.12 dBm Center Freq 2.502500000 GHz Span 10 MHz #Sweep 100 ms Center 2.503 GHz #Res BW 56 kHz CF Step 1.000000 MHz #VBW 160 kHz Occupied Bandwidth Total Power 24.4 dBm 4.4987 MHz Freq Offset 0 Hz Transmit Freq Error -6.744 kHz OBW Power 99.00 % x dB Bandwidth 6.530 MHz x dB -26.00 dB

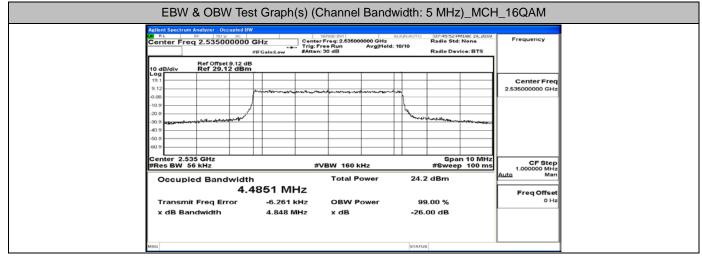


Occupied Bandwidth Total Power 24.1 dBm 4.4867 MHz Freq Offs		-
10 dB/div Ref 29.12 dBm 10 dB/div Ref 29.12 dBm 10 dB/div Ref 29.12 dBm 10 dB/div Center Fre 11 dB/div Center Fre 12 dB/div Center Fre 12 dB/div Center Fre 10 dB/div Span 10 MHz 10 dB/div Span 10 MHz 10 dB/div Center Fre 10 dB/div Span 10 MHz 10 dB/div Span 10 MHz 10 dB/div Mate 10 dB/di	Trig: Free Run Avg Hold: 10/10	.y
101 Center Fre 012 Center Fre 013 Center Fre 014 Center Fre 015 Center Fre 016 Center Fre 017 Center Fre 018 Center Fre 019 Center Fre 029 Center Fre	10 dB/div Ref 29.12 dBm	
0.00 0.01 0.02 <td< td=""><td>19.1</td><td></td></td<>	19.1	
303 403 404 404 404 404 303 403 404 404 404 404 303 403 404 404 404 404 303 403 404 404 404 404 304 404 404 404 404 404 305 403 404 404 404 404 304 404 404 404 404 404 304 44867 MHz Freq Offset Freq Offset	-0.00	
40.5 40.5 Image: Constraint of the second s		
Center 2.568 GHz #Res BW 56 kHz #VBW 160 kHz #Sweep 100 ms Occupied Bandwidth Total Power 24.1 dBm 4.4867 MHz Freq Offs	50.9	
Occupied Bandwidth Total Power 24.1 dBm 4.4867 MHz Freq Offs.	Center 2.568 GHz Span 10 MHz	
4.4867 MHz Freq Offs	#Res BW 56 KH2 #VBW 160 KH2 #Sweep 100 ms 1,00000	
Transmit Erec Error A60 Hz ODW Bower 00.00 %		Offset
x dB Bandwidth 4.832 MHz x dB -26.00 dB	Transmit Freq Error 469 Hz OBW Power 99.00 %	0 Hz

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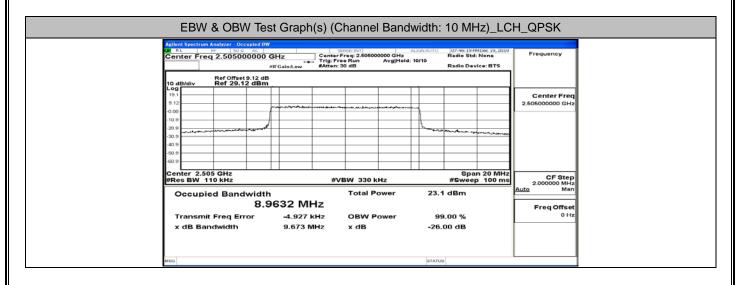


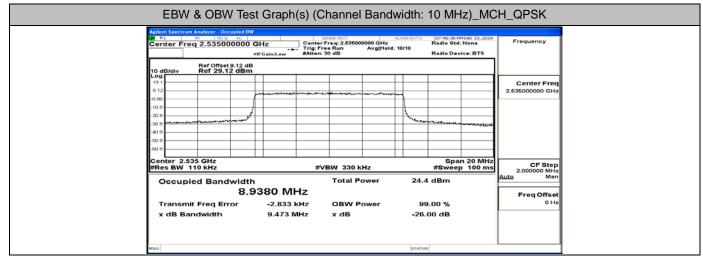


Io dB/dv Ref 29.12 dBm Log			Freq: 2.567500000 GHz Run Avg Hold:	ALION AUTO 07:46:09 PM Dec 19, 2 Radio Std: None 10/10 Radio Device: BTS	¹⁹ Frequency
#Res BW 56 kHz #VBW 160 kHz #Sweep 100 ms Core Step Occupied Bandwidth Total Power 22.8 dBm Auto Man 4.4831 MHz Freq Offset Freq offset Freq offset	Log 19.1 9.12 0.00 0.09 0.09 0.09 0.09 0.09				Center Freq 2.567500000 GHz
4.4831 MHz Freq Offset	#Res BW 56 kHz	#V		#Sweep 100 n	1.000000 MHz
		831 MHz -2.121 kHz	OBW Power	99.00 %	

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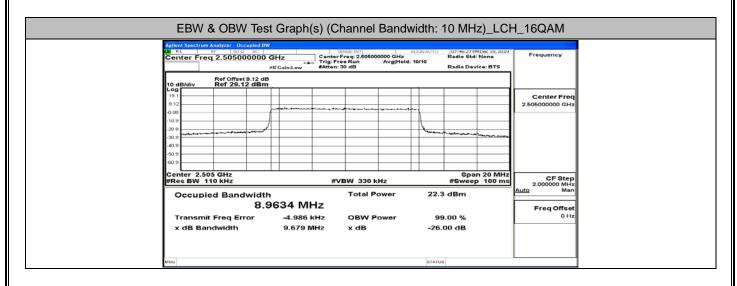


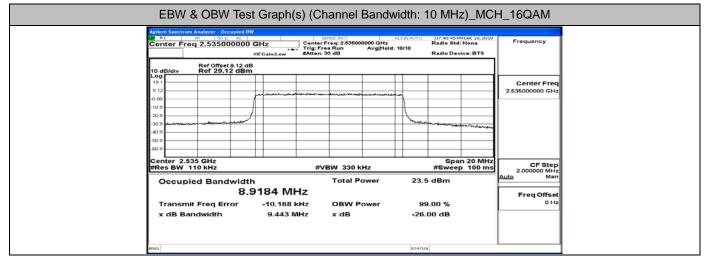


Agilent Spectrum Analyzer - Occupied BW CM RL RP 50 Ω AC		NSI::INT Freg: 2.565000000 GHz	ALION AUTO 07:46:54 P Radio Std	MDec 19, 2019 None Frequency
Center Freq 2.565000000	IFGain:Low #Atten:	e Run Avg Hold:	: 10/10 Radio Sta Radio Dev	
10 dB/div Ref 29.12 dB Log				
19.1 9.12 -0.00				2.56500000 G
-10.9				
-30.9 -40.9			Annessan	
-60.9				
Center 2.565 GHz #Res BW 110 kHz	#V	BW 330 kHz		n 20 MHz p 100 ms 2.000000 M
Occupied Bandwidth 8.9	392 MHz	Total Power	22.5 dBm	Auto M Freq Offs
	12.790 kHz	OBW Power	99.00 %	

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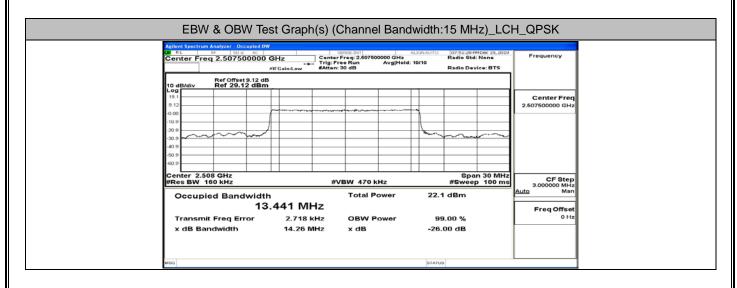


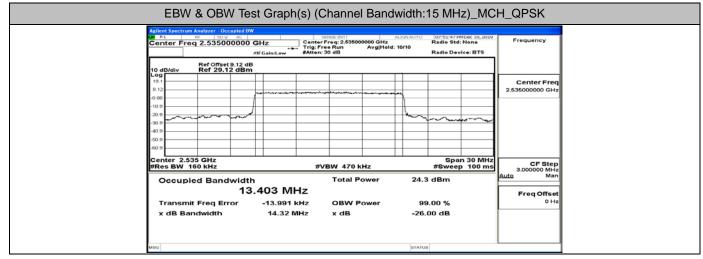


It Spectrum Analyzer _Occupied BW Serval (2011) ALROADUTO OUT-47/03 PM Cole (19, 2019) L IP SO COULD GHZ Center Serval Second Cole ALROADUTO OUT-47/03 PM Cole (19, 2019) Radio Stor. None Radio Stor. None Radio Device: BTS	Frequency
B/div Ref 29.12 dB	Center Freq 2.565000000 GHz
ter 2.565 GHz Span 20 MHz s BW 110 kHz #VBW 330 kHz #Sweep 100 ms Docupied Bandwidth Total Power 21.3 dBm	
8.9372 MHz ransmit Freq Error 13.102 kHz OBW Power 99.00 % dB Bandwidth 9.349 MHz x dB -26.00 dB	Freq Offset 0 Hz

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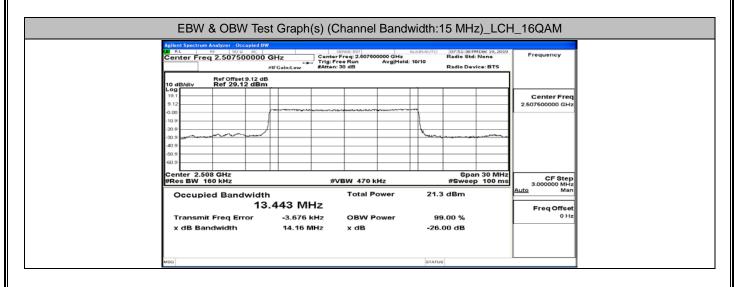


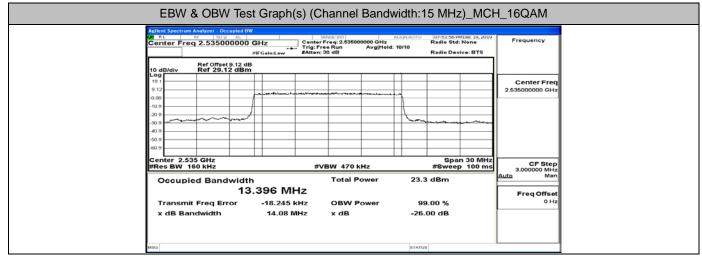


Center Freg 2.562500000 G		Freq: 2.562500000 GHz	ALIGNAUTO 07:52:05 PMDec 19, 201 Radio Std: None	Frequency
	IFGain:Low #Atten:	ee Run Avg Hold		
10 dB/div Ref Offset 9.12 dB Ref 29.12 dBm				
9.12				Center Freq
-0.00	******			
-20.9			hard	
-30.9 -40.9 -60.9				1
-60.9				
Center 2.563 GHz #Res BW 160 kHz	#V	BW 470 kHz	Span 30 MH #Sweep 100 m	
Occupied Bandwidth		Total Power	21.8 dBm	Auto Man
13.4 Transmit Freg Error	432 MHz 9.968 kHz	OBW Power	99.00 %	Freq Offset 0 Hz
x dB Bandwidth	9.968 KHZ	x dB	-26.00 dB	

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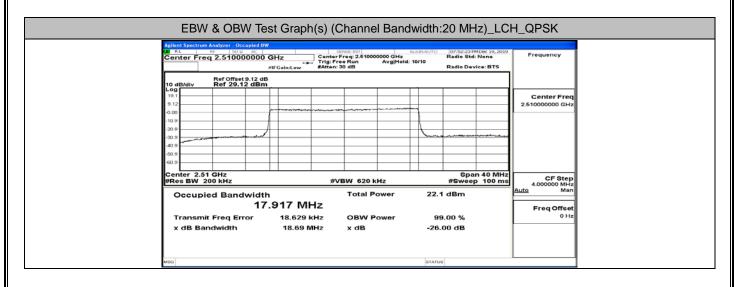


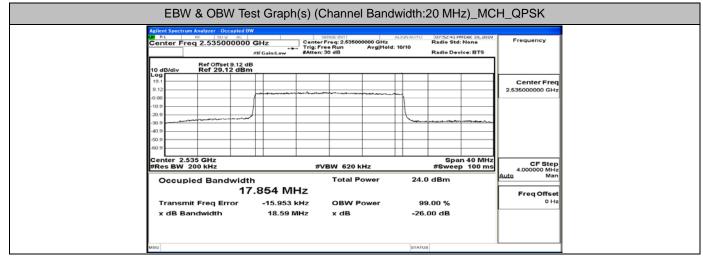


Center Freq 2.562500000	Tri	SENSE:INT nter Freq: 2.562500000 GHz g: Free Run Avg Hol ten: 30 dB	ALIONAUTO 07:52:14 PMDec 19,20 Radio Std: None d: 10/10 Radio Device: BTS	9 Frequency
Ref Offset 9.12 d 10 dB/div Ref 29.12 dBn	B n]
9.12	nur telen landa ser aga ser an			Center Freq 2.562500000 GHz
-10.9				-
-30.9				
-60.9 Center 2.563 GHz			Span 30 MH	z
#Res BW 160 kHz Occupied Bandwidt	h	#VBW 470 kHz Total Power	#Sweep 100 m 20.7 dBm	S CF Step 3.000000 MHz Auto Man
13 Transmit Freg Error	3.418 MHz 626 Hz	OBW Power	99.00 %	Freq Offset
x dB Bandwidth	14.05 MHz	x dB	-26.00 dB	

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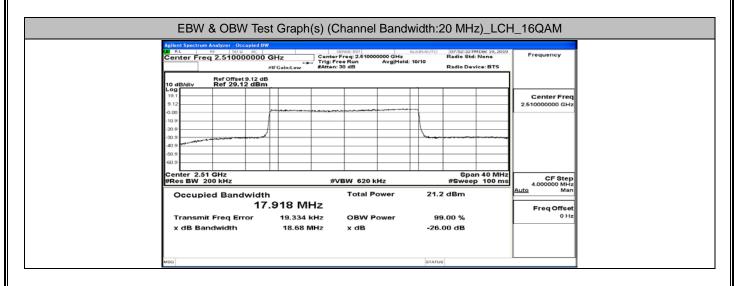


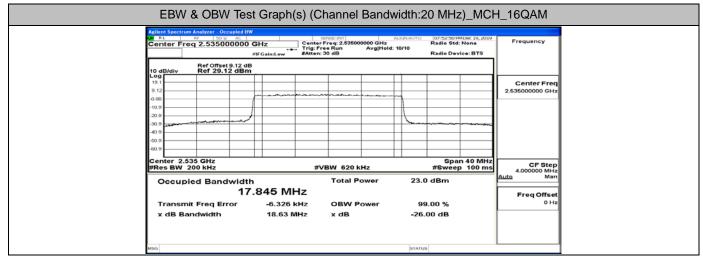


Center Freq 2.560000000 (GHz Center	ENSE:INT Freg: 2.560000000 GHz	ALIONAUTO 07:52:59 PMDec 19, 20 Radio Std: None	19 Frequency
Ref Offset 9.12 dB	Trig: Fr TFGain:Low #Atten:	ee Run Avg Hold 30 dB	8: 10/10 Radio Device: BTS	
10 dB/div Ref 29.12 dBm				Center Freq
9.12				2.56000000 GHz
-10.9				1
-30.9				
-60.9				1
Center 2.56 GHz #Res BW 200 kHz	#\	'BW 620 kHz	Span 40 Mł #Sweep 100 n	
Occupied Bandwidth		Total Power	21.8 dBm	Auto Man
. 1 / . Transmit Freg Error	911 MHz 4.119 kHz	OBW Power	99.00 %	Freq Offset 0 Hz
x dB Bandwidth	18.65 MHz	x dB	-26.00 dB	

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Center Freq 2.560000000	TI TI	stinst int enter Freq: 2.560000000 Gl rig: Free Run Avg Atten: 30 dB	ALIGNAUTO Iz Iold: 10/10	Radio Std: No Radio Device:	ne	Frequency
Ref Offset 9.12 di 10 dB/div Ref 29.12 dBn	B N					
9.12						Center Free 2.56000000 GHz
-0.00						
-20.9 -30.9 -40.9	4					
-40.9 -50.9						
Center 2.56 GHz #Res BW 200 kHz		#VBW 620 kHz		Span 4 #Sweep 1		CF Step
Occupied Bandwidt	h	Total Power	20.8	dBm		4.000000 MHz Auto Man
	7.906 MHz					Freq Offset
Transmit Freq Error x dB Bandwidth	-9.308 kHz 18.67 MHz			.00 % 00 dB		0 Hz

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G.4 Band Edge

	Ba	and Edge	e Test (Graph((s) (Ch	annel	Bandv	vidth: 8	5 MHz))_LCH_	_QPSK	
Re P#	ef Leve	um Analyzer - Swe 10 50 2 1 30.00 dBm Ref Offset 9.1 Ref 30.00 d	AC Ph IFG 2 dB	NO: Fast 🕞		BEINT Run) dB	#Avg Type Avg Hold;	- 100/100	TRAC TYP DE 2.500	00 GHz 07 dBm	Trace/Detector Select Trace	
z	Trace	e 1 Pass				Lulum					Clear Write	
10	.00										Trace Average	
-10						1					Max Hold	
-30	0.0				Mound		Mark Harrison Party In the	dinai.			Min Hold	
-40	0.0 0.0	frastylic-yd-highe-yaalay-	44halinearrai	Allows Hellows Hellows	₩		ε	no - na lata	halldynsky	ปประเทศ	View Blank Trace On	
-60		50000 GHz							Snop 6	0.00 MHz	More 1 of 3	
	Res BW	100 kHz		#VBW	300 kHz	8	\$	Sweep 6. STATUS		1001 pts)		

	В	and Edge	Test G	Graph(s) (Ch	annel	Bandv	vidth: {	5 MHz))_HCH	_QPSK
Ma P A	arker ASS			liz IC: Fast ↔ ain:Low		Run dB	#Avg Type		TRAC TYP DE 1 2.570	4 Mar 04, 2020 * 12 3 1 5 6 tr 00 GHz 69 dBm	Trace/Detector Select Trace
20	Tra	ce 1 Pass			_በ ቀትኈባቍ(የዩኑሳ						Clear Write
10.0.0											Trace Average
-10.					•	1					Max Hold
-30		વ્યંત્રયુંન્વન્ નુપ્રાયત્વન્ કર્યું છે.	wat have	ung generation of the second		herest and the second	ի _{նա} իլ, աթավ	alth and		gesection at seven	Min Hold
		aled a leafer					140	rγ -γenderation	www.add@e	a.m.arMhadha.a	View Blank Trace On
	enter 2	2.57000 GHz V 100 kHz		#\/B\#	300 kHz			# S woon		0.00 MHz	More 1 of 3
#R MSG	1	V 100 KHZ		#vBM	300 KH2	-		#Sweep status	100.0 ms	(601 pts)	

Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM

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Report No.: LCS191202020AEG

Ref	Level	^{RF} 30.00		n P	NO: Fast 🕞	1		#Avg Type Avg Hold:	*: RMS > 100/100	TRA	M Mar 04, 2020 CE 1 2 3 4 5 6 PE M M M M M M ET A N N N N N	Trace/Detector
10 di Log	Bídiv	Ref Off Ref 30		2 dB	,				Mkr		00 GHz 64 dBm	Select Trace
20.0	Trace	1 Pass	8									Clear Write
10.0							mound					
0.00							1					Trace Average
-10.0		_				(1					
-20.0		_				F						Max Hold
-30.0		-			J							Min Hold
-40.0	the	In .		nyallocityl	المحاور	al transform		erinanyilyingi	MMALN Maria	ا برابدیانه	ቀ ኑክ <mark>ትና ኅ</mark> ዲጓኒ	
-50.0	8%#%44100	h/namena	qnuaa	ana allo strap se	tedato.					In an of Marya	411)PT-744 V/3	View Blank Trace On
-60.0		_										haceon
Cen	ter 2.5	0000 G	Hz							Span 5	0.00 MHz	More 1 of 3
		100 kH			#VBW	/ 300 kHz	•	1	Sweep 6	.200 ms ((1001 pts)	

	Band	d Edge	Test G	Graph(s) (Cha	annel I	Bandw	vidth: 5	5 MHz)	_HCH_	_16QAM
Ma PA	rker 12. SS	Analyzer : Sw 5700000 Sef Offset 9. Sef 30.00	AC 00000 GI Pi IF6	ou⊫c Hz NO:Fast ↔ Gain:Low			#Avg Type		1 2.570	00 GHz 24 dBm	select trace
20.0	Trace 1	Pass			rancialita						Clear Write
0.0											Trace Average
-10.0					- ·	1					Max Hold
-30.0			Sulta pile ^{ter} TUryal	pather the second particular		Window je-	hangente a			oshquartule	Min Hold
-40.1		ป้ อง ในกระเทศเหต					16.54	d Brife, gfr, ger	human	onhun n 1 16	View Blank Trace On
-60.0	nter 2.570	00.687							Snap 5	0.00 MHz	More 1 of 3
	es BW 10			#VBW	/ 300 kHz	•		#Sweep	100.0 ms	(601 pts)	

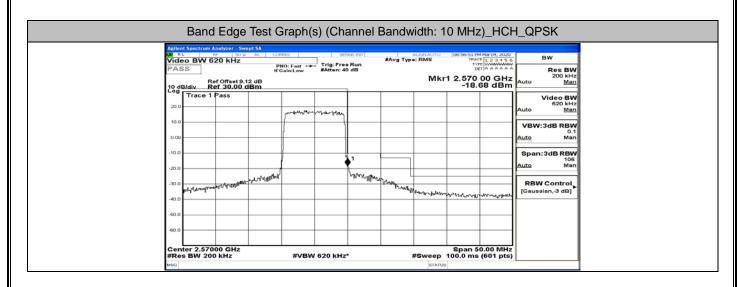
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK

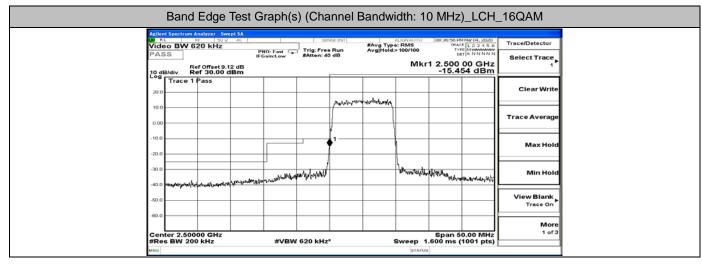
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Vic	RL	- 	nalyzer - Sw ⊮ 50 Ω 20 kHz	AC	NO: Fast Gain:Low		Run I dB	#Avg Type Avg Held;	ALION AUTO 6: RMS > 100/100	00:37:19 PM TRAC TVF DI	1 Mar 04, 2020 E 1 2 3 4 5 6 C MWWWWWW T A N N N N N	Trace/Detector
10	dB/di		ef Offset 9.1 ef 30.00 d Pass						Mkr	1 2.500 -14.3	00 GHz 54 dBm	1*
20.							muchan	waterhaler				Clear Write
0.0							1					Trace Average
-20.												Max Hold
-30	.0	ئىمچىنى	مدو الع وليدر	سويونداويري	-punonextrelas	yunawi			Ware ANNER	Horal Warman 1	untern	Min Hold
-50	.0											View Blank Trace On
	nter		00 GHz							Span 5	0.00 MHz	More 1 of 3
#R MSG		3W 200	JKHŻ		#VBW	620 kHz	•		Sweep 1.	.600 ms (1001 pts)	

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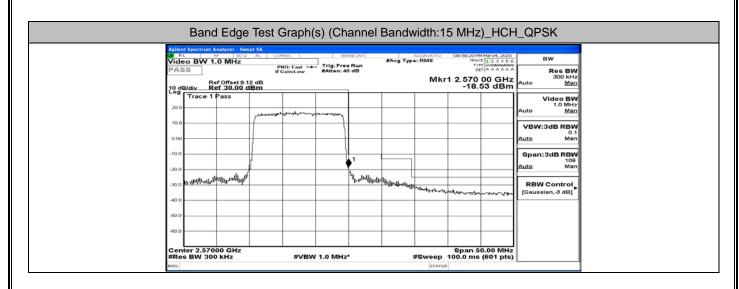
	E	Band	Edge	Test G	raph(s) (Cha	innel B	andwi	dth: 10) MHz)	_HCH	_16	QAM
97 10		BW 6	Analyzer - Sw 120 kHz ef Offset 9.1 ef 30.00 c	AC COR PT IFC	REC 10: Fast ++ Sain:Low		e Run 0 dB	#А∨д Туре		TRAC TVP DE	00 GHz 11 dBm		BW Res BW 200 kHz <u>Man</u>
2	- I'	Trace 1	Pass		Junear Junear	10-14 Mary						Auto	Video BW 620 kHz <u>Man</u>
10	.0											VBV Auto	W:3dB RBW 0.1 Man
-10]		1					Auto	n:3dB RBW 106 Man
-30		_{የሳት} መንግሞ	-25-10-Allergery-1-1-1	ar-melitalenter			_{յուս} երերերե	alusense upont	~•1k^mray-y-y-	e-t-eclogerate	Kriter and An	RB [Gau	W Control
-50													
-ec		er 2.570	00 GHz							Span 5	0.00 MHz		
#F		BW 20	0 kHz		#VBW	620 kHz	*		Sweep	100.0 ms			

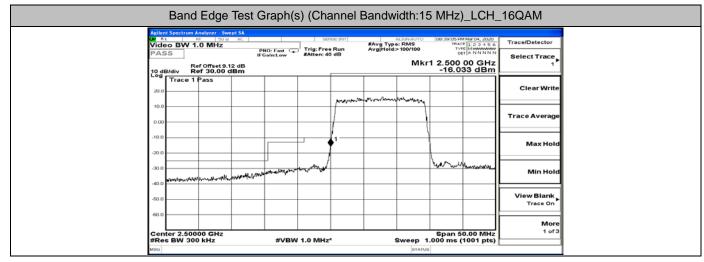
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK

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 SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.
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		m Analyzer - Sv									
<mark>IXI</mark> R Vide		RF 50 S	2 AC		SEN 1	ISE:INT	#Avg Type	ALIGN AUTO e: RMS		1 Mar 04, 2020 E 1 2 3 4 5 6	Trace/Detector
PAS		Ref Offset 9 Ref 30.00	IF(12 dB.	NO: Fast 😱 Gain:Low	Trig: Free #Atten: 40		Avg Hold:	>100/100	TYF DE 1 2.500	TANNNN T	Select Trace
20.0	Trace	1 Pass				here water		with would as			Clear Write
10.0 0.00											Trace Average
-10.0 -20.0						1					Max Hold
-30.0	การร่วงปกระส	ารู _{ปูก} าส์ _{เรา} รูป _ก ะเกิดไปหน้างหุ่งไ	water all and the second		harmon Mayner				Lynn Marykydd	n worker was	Min Hold
-50.0											View Blank Trace On
		0000 GHz 000 kHz		#VBW	1.0 MHz ^a	x		Sweep 1	.000 ms (0.00 MHz 1001 pts)	More 1 of 3





	В	and	Edge	Test	Graph(s) (Cha	annel E	Bandw	idth:15	5 MHz)	_HCH	_160	QAM
Vie P#	RL	BW 1	Analyzer - S NP 50 .0 MHz ef Offset S ef 30.00	Ω AC	PNO: Fast ↔ IFGain:Low		NREINT e Run 0 dB	#Avg Type		08:58:01 PM TRAC TYP 08 1 2.570 -17.4	00 GHz 12 dBm		BW Res BW 300 kHz <u>Man</u>
20 20	- T	race 1	Pass	prour	مر، بد ^{رور} در والجو ^ل ال	refression						Auto VBV	Video BW 1.0 MHz <u>Man</u> V:3dB RBW
-10							•1					Auto Spa Auto	0.1 Man n:3dB RBW 106 Man
-20 -30 -40	uo U ret	յլիյ _{տետ} ւ	Ապրտվիր	ul ^u			U _{loca} deciji _{jelo} je	filler of all and	^{ha} ndlowa	r"g ^{ale} lyyrrydd	-philopopole	RB [Gau	W Control ssian,-3 dB]►
-50													
	tes B	2.570 W 30	00 GHz 0 kHz		#VBV	V 1.0 MHz	i*		#Sweep	100.0 ms	0.00 MHz (601 pts)		

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		Bar	nd Edge Test	Graph(s) (Channel	Bandwidth	:20 MHz)_	LCH_QPS	SK	
Agilent	Spectrum Analyzer -	Swept SA								
Video	BW 1.5 MHz	OΩ AC		7	NSE:INT	#Avg Typ		TRA	M Mar 04, 2020 CE 1 2 3 4 5 6	Trace/Detector
PASS			PNO: Fast 😱 IFGain:Low	Trig: Free #Atten: 40		Avg Hold				Select Trace
10 dB/	Ref Offset div Ref 30.0						IVINI		34 dBm	1
20.0	Trace 1 Pass									Clear Write
					muluap	har water water	nlylullywww.mappa	MAMMENT NY		
10.0 –										Trace Average
0.00					1					
-10.0 —					1					Max Hold
-20.0 -				لر محرجه این مدلمین					h huyuyhuyuyyy	
-30.0	างการเป็นถูกเป็นสูงให้เป็นสูงได้	hope and the second	alling and a second of the second	╺┢╌┟╼┎┝╍╕╫╺						Min Hold
10.0										View Blank
-50.0										Trace On ►
-60.0 —										More
	er 2.50000 GHz BW 510 kHz	2	#VBW	1.5 MHz	*	•	Sweep 1		0.00 MHz (1001 pts)	1 of 3
MSG							STATU	S		

	Band Edge	Test Graph(s) (Cha	annel Bandwi	dth:20 MHz)_	_HCH_QPSK	
Vid PA	Ref Offset 9.12 Ref Offset 9.12 B/div Ref 30.00 d	AC CORREC SEN PNO: Fast +++ IFGain:Low #Atten: 40	#Avg Type: F	MAUTO 00:59:37 PM M RMS TRACE 1 TYPE 001 Mkr1 2.570 00 -20.47	Res BW	
20.0	Trace 1 Pass	construction and the second second			Video BW 1.5 MHz Auto <u>Man</u>	
10.0					VBW:3dB RBW 0.1 Auto Man	
-10.0			p ¹		Span:3dB RBW 106 Auto Man	
-30.0	~ls*relut/likese,		าราะประกัญญาไม่ไม่ได้เห็นของกับการระบบระ		[Gaussian,-3 dB]	
-40.0						
-60.0						
	nter 2.57000 GHz s BW 510 kHz	#VBW 1.5 MHz*	#\$	Span 50. weep 100.0 ms (6	00 MHz 601 pts)	

Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM

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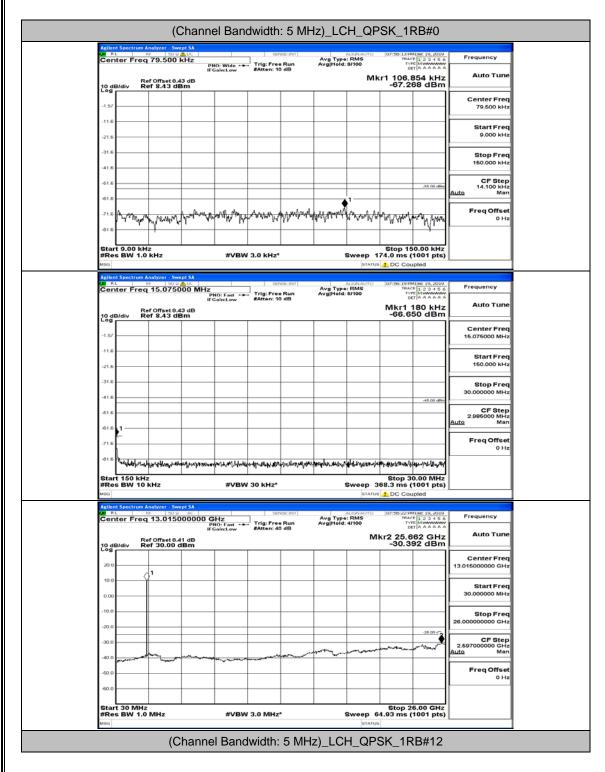
Report No.: LCS191202020AEG

Vide PAS	Bidly R	Analyzer - Swe I® SOΩ .5 MHz ef Offset 9.1 ef 30.00 d	AC 2 dB	PNO: Fast Gain:Low		RUN dB	#Avg Type Avg Hold;		TRAC TYP DE	00 GHz 00 dBm	100 011
20.0	Trace 1	Pass				for the same	and worklosses	international states	****		Video BW 1.5 MHz Auto <u>Man</u>
0.00						}			-		VBW:3dB RBW 0.1 Auto Man
-10.0						1				hanner	Span:3dB RBW 106 Auto Man
-30.0 -40.0	appendiates	ganga Rabatan sa fat	ar aller ar and	المركز المركزية المركزية المركزة المركز المركزة المركزة	n der tellingen f						RBW Control [Gaussian,-3 dB]
-50.0											
	ter 2.500									0.00 MHz	
 #Re MSG	s BW 51	0 kHz		#VBW	1.5 MHz'	•	1	Sweep 1.0	000 ms (1001 pts)	

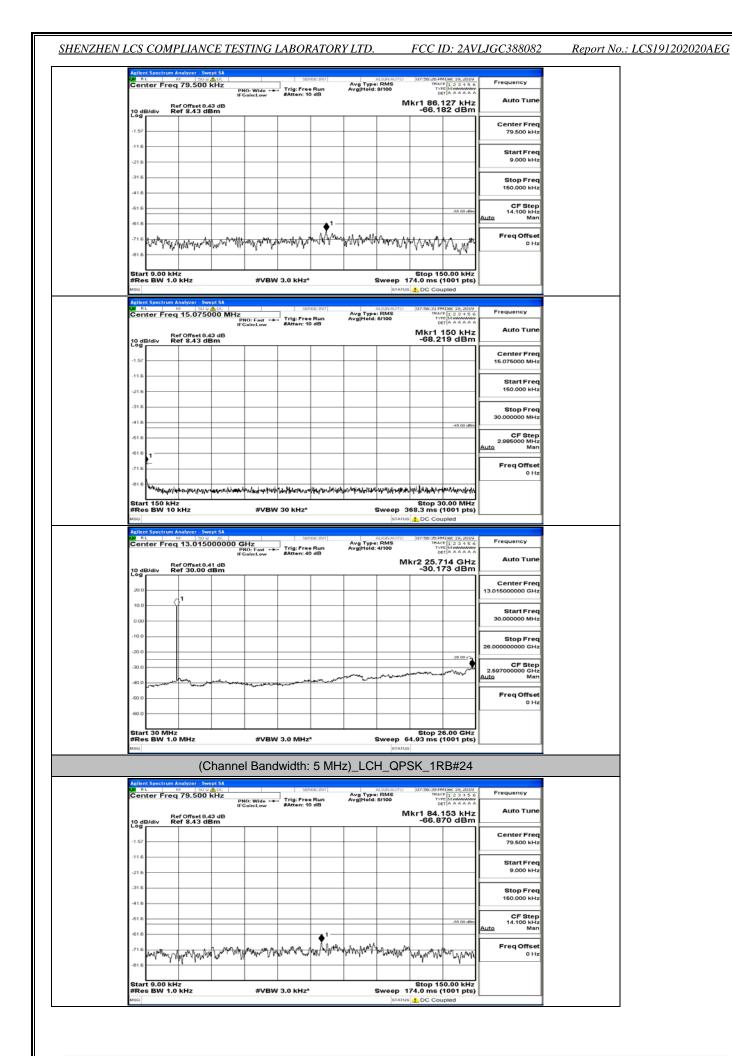
	Ban	d Edge	Test Gra	aph(s)	(Cha	annel E	Bandw	idth:20) MHz) <u></u>	_HCH	_16QAM	
10	deo BW		AC CORREC PNO: IFGain	Fast +++	Ser Trig: Free #Atten: 40	Run dB	#Avg Typ		08:59:15 PM TRACI TVP 08: 1 2.570 (-20.5	123156		
28	- Trace			fraktinge Baglege	a a a a a a a a a a a a a a a a a a a						Video BW 1.5 MHz Auto Man VBW:3dB RBW 0.1 Auto Man	
	0.0 	~				1 հ _{ան} որին-չորք	here all here and here all here and here all here and here all here and here all here all here all here all here	Clair-Marganes		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Span:3dB RBW 106 <u>Auto</u> Man RBW Control [Gaussian,-3 dB]	
-40 -50 -60).0											
	tes BW 5	'000 GHz 10 kHz		#VBW 1	.5 MHz	•	1	#Sweep	Span 50 100.0 ms	0.00 MHz (601 pts)		

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G.5 Conducted Spurious Emission



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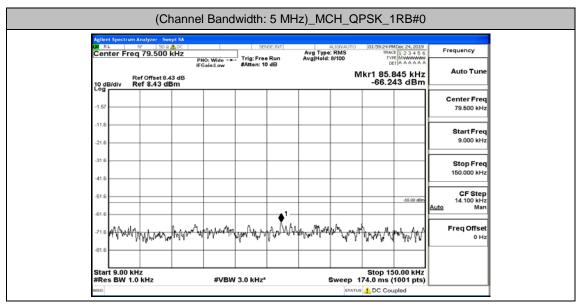
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SHENZHEN LCS	COMPLIANCE TESTING LABORATORY LTD.	

FCC ID: 2AVLJGC388082

Report No.: LCS191202020AEG

Center	Freq 15.0	075000 MI	PNO: Fast -	#Atten: 1	e Run	Avg Type Avg Hold:	8/100	TRACE TYPE DET	123456 MMMMMM AAAAAA	Frequency
10 dB/div	Ref Offs Ref 8.4	et 8.43 dB I3 dBm	IFGain:Low	and and the				Mkr1 1	50 kHz 12 dBm	Auto Tun
-1.57										Center Fre 15.075000 MH
-11.6										Start Fre
-21.6										Stop Free
-41.6		_	_						-45.00 dBm	30.000000 MH
-51.6			_							CF Ste 2.985000 MH Auto Ma
-61.6										Freq Offse
-81.6	~kinlyiyeuwat4	uniterational states and the second states and the	rtitlerennybertitet	uniterest and	-statesterner-	portor the line of	(helan interdice)	Withelembark	huger to the	
Start 15 #Res BV	0 kHz V 10 kHz		#VBV	V 30 kHz*			Sweep 3	Stop 30 68.3 ms (1	.00 MHz 001 pts)	
MSG							STATUS	DC Coup	bled	
Agilent Spec	trum Analyze	50 9 AC		58	NREINT		ALIONAUTO	07:56:47 PM	Dec 19, 2019	Frequency
Agilent Spec	trum Analyze	7 - Swept SA 50 Ω AC 015000000	0 GHz PN0: Fast ↔ IFGain:Low		e Run	Avg Type Avg Hold:	ALIONAUTO RMS : 4/100	07:50:47 PMI TRACE TYPE DET	Dec 19, 2019	Frequency
Aglient Spec on RL Center	trum Analyze	50 9 AC	PNO: East ++	Trig: Fre	e Run	Ava Type	ALIONAUTO RMS : 4/100	07:50:47 PMI TRACE TVPE DET kr2 25.71	Dec 19, 2019	
Agilent Spec	Freq 13.0 Ref Offs Ref 30	et 8.41 dB	PNO: East ++	Trig: Fre	e Run	Ava Type	ALIONAUTO RMS : 4/100	07:50:47 PMI TRACE TVPE DET kr2 25.71	1 2 3 1 5 6 A A A A A A 14 GHz	Frequency Auto Tune Center Free 13.015000000 GH
Addient Spec Conter	trum Analyze	et 8.41 dB	PNO: East ++	Trig: Fre	e Run	Ava Type	ALIONAUTO RMS : 4/100	07:50:47 PMI TRACE TVPE DET kr2 25.71	1 2 3 1 5 6 A A A A A A 14 GHz	Auto Tun Center Free 13.01500000 GH Start Free
Agilent Spec 20 RL Center 10 dB/div 20.0	Freq 13.0 Ref Offs Ref 30	et 8.41 dB	PNO: East ++	Trig: Fre	e Run	Ava Type	ALIONAUTO RMS : 4/100	07:50:47 PMI TRACE TVPE DET kr2 25.71	1 2 3 1 5 6 A A A A A A 14 GHz	Auto Tun Center Free 13.01500000 GH Start Free 30.000000 MH
Aglient Spec (7 RL Center 10 dB/div 20.0 10.0 0.00	Freq 13.0 Ref Offs Ref 30	et 8.41 dB	PNO: East ++	Trig: Fre	e Run	Ava Type	ALIONAUTO RMS : 4/100	07:50:47 PMI TRACE TVPE DET kr2 25.7	1 2 3 1 5 6 A A A A A A 14 GHz	Auto Tune Center Free 13.01500000 GH Start Free 30.000000 MH Stop Free 26.00000000 GH
Apilant Spec Market Allowed Spec Market Allowed Spec Market Allowed Specific Allowed	Freq 13.0 Ref Offs Ref 30	et 8.41 dB	PNO: Fast → IFGain:Low	Trig: Fre	e Run	Ava Type	ALIONAUTO RMS : 4/100	07:50:47 PMI TRACE TVPE DET kr2 25.7	1123456 A A A A A A 6 dBm	Auto Tune Center Free 13.01500000 GH Start Free 30.000000 MH Stop Free 26.00000000 GH 2.697000000 GH
20.0 10.0 10.0 10.0 10.0 -10.0 -20.0	Freq 13.0 Ref Offs Ref 30	et 8.41 dB	PNO: East ++	Trig: Fre	e Run	Ava Type	ALIONAUTO RMS : 4/100	07:50:47 PMI TRACE TVPE DET kr2 25.7	1123456 A A A A A A 6 dBm	Auto Tun Center Fre 13.01500000 GH Start Fre 30.000000 MH Stop Fre 26.0000000 GH 2.69700000 GH 2.69700000 GH Auto Freq Offse
2000 -2000 -30.0 -40.0 -2000 -20	Freq 13.0 Ref Offs Ref 30	et 8.41 dB	PNO: Fast → IFGain:Low	Trig: Fre	e Run	Ava Type	ALIONAUTO RMS : 4/100	07:50:47 PMI TRACE TVPE DET kr2 25.7	1123456 A A A A A A 6 dBm	Auto Tune Center Free 13.01500000 GH Start Free 30.000000 MH Stop Free 26.00000000 GH 2.697000000 GH



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	ter Fred	15.075	P	NO: Fast -+ Gain:Low		e Run 0 dB	Avg Type Avg Hold:	RMS 8/100	TYPE	123156 M	Frequency
10 di Log	R B/div R	ef Offset 8. ef 8.43 di	43 dB	Gain:Low	DALLER. IN	, ab			Mkr1 1		Auto Tune
-1.57											Center Freq 15.075000 MHz
-11.6											
-21.6											Start Freq 150.000 kHz
-31.6	<u> </u>										Stop Freq
-41.6										-45.00 dBm	30.000000 MHz
-51.6	<u> </u>										CF Step 2.985000 MHz
-61.6	<u> </u>										Auto Man
-71.6											Freq Offset 0 Hz
-81.6	AN NOTABOLA	hinder in the second	estelying, policie	n newspaper of the	nyaunprolati	dejever-heizhei	~~stannahita	erikelen nebel	indigatoritati	wayerwa	
Star #Re	t 150 kH s BW 10	z kHz		#VBW	30 kHz*		1	Sweep 36	Stop 30 58.3 ms (1	.00 MHz 001 pts)	
Agiler	at Spectrum	Analyzer - Sw	ent SA					STATUS	LDC Coup	bled	
COUR R	L	ופי 13.015		SHz	. Trig: Free	RESINT	Avg Type Avg Hold:	RMS	07:57:45 PM TRACE	Dec 19, 2019	Frequency
10 di Log	R B/div R	ef Offset 8. ef 30.00 (NO: Fast 🕶 Gain:Low	#Atten: 40	dB	Argined.		r2 25.6		Auto Tune
20.0											Center Freq 13.015000000 GHz
10.0	<	4 ¹									
0.00	<u> </u>										Start Freq 30.000000 MHz
-10.0	<u> </u>										Stop Freq
-20.0										-26.00 ° 2	26.00000000 GHz
-30.0							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	لمبيعيهم		~~her,~~	CF Step 2.697000000 GHz Auto Man
-40.0	an and	- marine		a south and		- Martin					Freq Offset
-50.0											0 Hz
-60.0											
Star #Re MSG	nt 30 MHz Is BW 1.0	2 MHz		#VBW	3.0 MHz	•	1	Sweep 64	Stop 26 1.93 ms (1	.00 GHz 001 pts)	
		(C	hanne	l Band	width:	5 MHz	z)_MC	H_QPS	SK_1R	B#12	
	ctrum Analy	yzer - Swept	S۸			ISE:INT		ALIGNAUTO	01-50-05	PM Dec 24, 20	10
			a l	:Wide -+-	Trig: Free		Avg Typ	e: RMS	TR	ACE 1 2 3 4	5.6 Frequency
RL	Freq 79	9.500 KF					Avg Hold	: 00100	1		
enter	Freq 79 Ref 0	ffset 8.43 (IFGa 1B	:Wide ++- in:Low	#Atten: 10	dB	Avg Hold		/lkr1 90	498 kH	z Auto T
RL	Freq 79 Ref 0		IFGa 1B		#Atten: 10	dB	Avg Hold		/lkr1 90	.498 kH	z Auto T
enter	Freq 79 Ref 0	ffset 8.43 (IFGa 1B		#Atten: 10	I dB	Avg Hold		/lkr1 90	.498 kH	Hz Auto T m
enter	Freq 79 Ref 0	ffset 8.43 (IFGa 1B		#Atten: 10		Avg Hold		/lkr1 90	.498 kH	Iz Auto T m Center F
enter	Freq 79 Ref 0	ffset 8.43 (IFGa 1B		#Atten: 10	- dB			/lkr1 90	.498 kH	Iz Auto T Center I 79.500
enter	Freq 79 Ref 0	ffset 8.43 (IFGa 1B		#Atten: 10				/lkr1 90	.498 kH	Auto T m Center F 79.500 Start F 9.000
0 dB/dlv	Freq 79 Ref 0	ffset 8.43 (IFGa 1B		#Atten: 10				/lkr1 90	.498 kH	Iz Auto T m Center F 79.500 Start F
RL enter .57 1.6 1.6 1.6	Freq 79 Ref 0	ffset 8.43 (IFGa 1B		#Atten: 10				/lkr1 90	.498 kH	Auto T Center I 79.500 Start F 9.000 Stop F 150.000 CF S
RL enter 9 .57 1.6 1.6 1.6 1.6	Freq 79 Ref 0	ffset 8.43 (IFGa 1B		#Atten: 10				/lkr1 90	.498 kH	Auto T m Center f 79.500 Start F 9.000 Stop F 150.000
RL enter 0 dB/dlv 57 1.6 1.6 1.6 1.6 1.6 1.6	Freq 79 Ref 0	ffset 8.43 (IFGa 1B		#Atten: 10				/lkr1 90	.498 kH	Iz Auto T m Center I 79.500 Start F 9.000 Stop F 150.000 CF \$ 14.100 Auto
RL enter .57 1.6 1.6 1.6 1.6	Freq 79 Ref 0	ffset 8.43 (IFGa 1B		#Atten: 10	- 48 	Avg Hold		/lkr1 90	.498 kH	Auto T M Center F 79.500 Start F 9.000 Stop F 150.000 Em 14.100
RL enter 0 dE/div .57 .57 .1.6 .1.6 .1.6 .1.6 .1.6 .1.6		ffset 8.43 (IFGa 1B		#Atten: 10	- dB 			//kr1 90 -64.1	.498 kH 610 dB	Auto T Center F 79.500 Start F 9.000 Stop F 150.000 CF S 14.100 Auto
dB/div g 57 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6 .6	Freq 79 Ref 0	ffset 8.43 d B.43 dBn	IFGa 1B	hot fully the	#Atten: 10	- dB 		N M M W W Sweep	۸kr1 90 -64.	.498 kH 610 dB	Auto T Center F 79.500 Start F 9.000 Stop F 150.000 Fin Auto Freq OI

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Cen		RF 15010	S V DC		580	NRUINT		LIGNAUTO	07:57:54 PML	Vec 19, 2019	
		q 15.075	000 MHz	PNO: Fast		Run	Avg Type Avg Hold:	RMS	TRACE TYPE DIT	123456 MMMMMM	Frequency
10 de Log	B/div F	tef Offset 8 tef 8.43 d							Mkr1 1		Auto Tune
-1.57											Center Freq 15.075000 MHz
-11.6		-	+	+						—— i	Start Freq
-21.6			-	1						[150.000 kHz
-31.6										-45.00 dBm	Stop Freq 30.000000 MHz
-51.6		-								[CF Step 2.985000 MHz
-61.6	1 										Auto Man Freq Offset
-71.6				1							0 Hz
	t 150 kH		***************	*2\$*~1484+2**7.\$**	under graden bier.	him yezholat	er-atterness	1 ¹¹ /1679-164	Stop 30		
#Res MSG	s BW 10	kHz		#VBW	/ 30 kHz*		5		68.3 ms (1	001 pts)	
CO RI	L	Analyzer - Sv RF 50.5	9 AC		SUM	REGIST	Aug 7	LIGNAUTO	07:57:58 PMD	Nec 19, 2019	Frequency
Cen	ter Free	q 13.015	000000	GHz PNO: Fast ++ FGain:Low	#Atten: 40	Run dB	Avg Type Avg Hold:			123156 MWWWWW	Auto Tune
10 de Log	B/div F	tef Offset 8 tef 30.00	dBm		,			м	kr2 25.68 -30.11	8 GHz 8 dBm	
20.0		A ¹	+								Center Freq 13.015000000 GHz
10.0		Ť	+	+						i	Start Freq 30.000000 MHz
-10.0											Stop Freq
-20.0										-26.00 ° 2	26.00000000 GHz
-30.0							and and	m	m	-~~ ^	CF Step 2.597000000 GHz Auto Man
-40.0	aller states	- may		~~~~~~	and the second						FreqOffset
											0 Hz
-60.0										[
Star	t 30 MH	Z MH-2		#1/814	(30 MH~			ween f	Stop 26	.00 GHz	
Star	t 30 MH s BW 1.0	0 MHz			/ 3.0 MHz			STATUS	4.93 ms (1	001 pts)	
Star #Re:	t 30 MH s BW 1.0	0 MHz	Channe					STATUS	4.93 ms (1	001 pts)	
Star #Re: ^{MSG}	s BW 1.0	o MHz (C	pt SA			5 MHz	z)_MCI	STATUS	4.93 ms (1 SK_1R	001 pts)	2
Star #Res MSG	ectrum Ans	o MHz (C	ptSA Noc ∶Hz PN		lwidth:	5 MHz	z)_MCI	ALIGN AUTO	44.93 ms (1 SK_1R	001 pts) [B#24	6 Frequency
Star #Ret MSG Agilent Spo X RL Center	ectrum And RF Freq 7 Ref	0 MHz (C	pt SA DC HZ PNI IFG 3 dB	el Band	width:	5 MHz	Z)_MCI	ALIGNAUTO E: RMS : 9/100	4.93 ms (1 SK_1R	001 pts)	Z Auto Tu
Star #Re: MSG Sgilent Spr X RL Center	ectrum And RF Freq 7 Ref	0 MHz (C 19207 - Swep 50 2 4 79.500 k Offset 8.43	pt SA DC HZ PNI IFG 3 dB	el Band	width:	5 MHz	Z)_MCI	ALIGNAUTO E: RMS : 9/100	4.93 ms (1 SK_1R	001 pts) B#24	Auto Tu Center Fr
Agilent Spo Misco Agilent Spo RL Center	ectrum And RF Freq 7 Ref	0 MHz (C 19207 - Swep 50 2 4 79.500 k Offset 8.43	pt SA DC HZ PNI IFG 3 dB	el Band	width:	5 MHz	Z)_MCI	ALIGNAUTO E: RMS : 9/100	4.93 ms (1 SK_1R	001 pts) B#24	Auto Tu
Aplient Sp RL Center -1.57 -11.6	ectrum And RF Freq 7 Ref	0 MHz (C 19207 - Swep 50 2 4 79.500 k Offset 8.43	pt SA DC HZ PNI IFG 3 dB	el Band	width:	5 MHz	Z)_MCI	ALIGNAUTO E: RMS : 9/100	4.93 ms (1 SK_1R	001 pts) B#24	Auto Tu Center Fr 79.500 k
Agliont Spo 78 RL Center -1.57 -21.6	ectrum And RF Freq 7 Ref	0 MHz (C 19207 - Swep 50 2 4 79.500 k Offset 8.43	pt SA DC HZ PNI IFG 3 dB	el Band	width:	5 MHz	Z)_MCI	ALIGNAUTO E: RMS : 9/100	4.93 ms (1 SK_1R	001 pts) B#24	Auto Tu Center Fr 79.500 k
Agilent Spy RL Center -1.57 -11.6 -31.6	ectrum And RF Freq 7 Ref	0 MHz (C 19207 - Swep 50 2 4 79.500 k Offset 8.43	pt SA DC HZ PNI IFG 3 dB	el Band	width:	5 MHz	Z)_MCI	ALIGNAUTO E: RMS : 9/100	4.93 ms (1 SK_1R	001 pts) B#24	Auto Tu Center Fr 79.500 k
Agilent Sp; D RL Center 10 dB/dit -1.57 -11.6 -31.6 -41.6	ectrum And RF Freq 7 Ref	0 MHz (C 19207 - Swep 50 2 4 79.500 k Offset 8.43	pt SA DC HZ PNI IFG 3 dB	el Band	width:	5 MHz	Z)_MCI	ALIGNAUTO E: RMS : 9/100	4.93 ms (1 SK_1R	001 pts) B#24	Auto Tu Auto Tu Center Fr 79.500 k Start Fr 9.000 k
Aglent Spr RE Center 10 dB/di -1.57 -11.6 -21.6 -31.6	ectrum And RF Freq 7 Ref	0 MHz (C 19207 - Swep 50 2 4 79.500 k Offset 8.43	pt SA DC HZ PNI IFG 3 dB	el Band	width:	5 MHz	Z)_MCI	ALIGNAUTO E: RMS : 9/100	4.93 ms (1 SK_1R	001 pts) B#24	Auto Tu Auto Tu Center Fr 79.500 k Start Fr 9.000 k Stop Fr 150.000 k
Agilent Sp; D RL Center 10 dB/dit -1.57 -11.6 -31.6 -41.6	ectrum And RF Freq 7 Ref	0 MHz (C 19207 - Swep 50 2 4 79.500 k Offset 8.43	pt SA DC HZ PNI IFG 3 dB	el Band	SEN SEN Trig: Free #Atten: 10	5 MHz	Z)_MCI	ALIONAUTO	4.93 ms (1 SK_1R 02:00:44 P TRA 17 17 17 17 17 17 17 17 17 17 17 17 17	B#24	Auto Tu Auto Tu Center Fr 79.500 k Start Fr 9.000 k Stop Fr 150.000 k
Aglient Spa wso Aglient Spa at a 10 dE/dit -1.67 -1.67 -1.6 -1.67 -1.6 -1.67 -1.6 -1.67 -1.6 -1.67 -1.6 -1.67 -1.6	ectrum And RF Freq 7 Ref	0 MHz (C 19207 - Swep 50 2 4 79.500 k Offset 8.43	pt SA DC HZ PNI IFG 3 dB	el Band	SEN SEN Trig: Free #Atten: 10	5 MHz	Z)_MCI	ALIONAUTO	4.93 ms (1 SK_1R 02:00:44 P TRA 17 17 17 17 17 17 17 17 17 17 17 17 17	B#24	6 Frequency Auto Tu Center Fr 79.500 k Start Fr 9.000 k Stop Fr 150.000 k CF St 14.100 k
Star Star Aglent Span Re Aglent Span Re In dB/dl Re -1.57 -1.57 -1.67 -1.57 -1.67 -1.57 -1.67 -1.57 -1.67 -1.57 -1.68 -1.57 -1.69 -1.57 -1.61 -1.57	ectrum And RF Freq 7 Ref	0 MHz (C 19207 - Swep 50 2 4 79.500 k Offset 8.43	pt SA DC HZ PNI IFG 3 dB	el Band	SEN SEN Trig: Free #Atten: 10	5 MHz	Z)_MCI	ALIONAUTO	4.93 ms (1 SK_1R 02:00:44 P TRA 17 17 17 17 17 17 17 17 17 17 17 17 17	B#24	Auto Tu Auto Tu Center Fr 79.500 k Start Fr 9.000 k Stop Fr 150.000 k CF St 14.100 k A Freq Offs
Star Star #Reims #Reims #so Image: Star Star Star Star Star Star Star Star	ectrum And RF Freq 7 Ref	o MHz (C 19207 - Swer 1907 4 79,500 k 0ffset 8.43 dB	pt SA DC HZ PNI IFG 3 dB	0: Wide	SEN SEN Trig: Free #Atten: 10	5 MHz			4.93 ms (1 SK_1R 3620044 P 1764 1764 1764 1764 1764 1764 1764 1764	001 pts)	Auto Tu Center Fr 79.500 k Start Fr 9.000 k Stop Fr 150.000 k CF St 14.100 k Auto N Freq Offs 0

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