Appendix C: Test Data for E-UTRA Band 5

Product Name: LTE GSM/WCDMA Smartphone **Trade Mark: DOOGEE** Test Model: S70

Environmental Conditions

Temperature:	23.6
Relative Humidity:	52.1
ATM Pressure:	100.0 kPa
Test Engineer:	Mina.Xu
Supervised by:	Jayden Zhuo

C.1 Conducted Output Power

		Conducted	Output Pow	ver Test Result (Channel Band	width: 1.4 MHz)	
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Vardiat
Modulation	Channel	Size Offset		QPSK	16QAM	Verdict
		1	0	21.75	21.00	PASS
		1	3	21.87	21.15	PASS
		1	5	21.77	21.01	PASS
	LCH	3	0	21.84	21.00	PASS
		3	2	21.85	20.98	PASS
		3	3	21.81	20.96	PASS
		6	0	20.82	19.78	PASS
		1	0	21.82	21.20	PASS
		1	3	21.85	21.34	PASS
QPSK /		1	5	21.83	21.17	PASS
16QAM	MCH	3	0	21.89	20.88	PASS
TOQAIN		3	2	21.87	20.91	PASS
		3	3	21.88	20.92	PASS
		6	0	20.79	19.80	PASS
		1	0	21.80	21.09	PASS
		1	3	21.96	21.36	PASS
		1	5	21.82	21.10	PASS
	HCH	3	0	21.91	20.97	PASS
		3	2	21.97	21.00	PASS
		3	3	21.93	21.01	PASS
		6	0	20.84	20.02	PASS

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 1 of 52

		Conducte	d Output Pov	dwidth: 3 MHz)			
	Channel	RB Configuration Size Offset		Average Power [dBm]	Average Power [dBm]	\/e ndiet	
Modulation	Channel			QPSK	16QAM	Verdict	
		1	0	21.82	21.10	PASS	
		1	7	21.93	21.29	PASS	
		1	14	21.80	21.04	PASS	
	LCH	8	0	20.82	19.91	PASS	
		8	4	20.87	19.97	PASS	
		8	7	20.81	19.92	PASS	
		15	0	20.75	19.82	PASS	
	МСН	1	0	21.79	21.09	PASS	
		1	7	22.15	21.35	PASS	
QPSK /			1	14	21.84	21.11	PASS
16QAM		8	0	20.81	19.95	PASS	
IOQAIVI		8	4	20.92	20.06	PASS	
		8	7	20.88	19.97	PASS	
		15	0	20.84	19.90	PASS	
		1	0	21.85	21.20	PASS	
		1	7	22.30	21.43	PASS	
		1	14	21.85	21.28	PASS	
	НСН	8	0	20.86	19.89	PASS	
		8	4	20.92	19.92	PASS	
		8	7	20.82	19.87	PASS	
		15	0	20.83	19.89	PASS	

		Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel		figuration	Average Power [dBm]	Average Power [dBm]	Verdict		
		Size	Offset	QPSK	16QAM			
		1	0	21.72	21.11	PASS		
		1	12	22.08	21.41	PASS		
		1	24	21.66	21.08	PASS		
	LCH	12	0	20.71	19.93	PASS		
		12	6	20.83	20.04	PASS		
		12	13	20.73	19.95	PASS		
		25	0	20.77	19.81	PASS		
		1	0	21.74	21.16	PASS		
	МСН	1	12	22.10	21.67	PASS		
		МСН		1	24	21.76	21.15	PASS
QPSK / 16QAM			12	0	20.81	20.03	PASS	
TOQAIN		12	6	20.88	20.16	PASS		
		12	13	20.89	20.11	PASS		
		25	0	20.93	20.01	PASS		
		1	0	21.76	20.81	PASS		
		1	12	21.97	21.16	PASS		
		1	24	21.77	20.82	PASS		
	НСН	12	0	20.86	20.00	PASS		
		12	6	20.90	20.02	PASS		
		12	13	20.71	19.88	PASS		
		25	0	20.86	19.94	PASS		

		Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Vardiat		
wooulation	Iulation Channel		Offset	QPSK	16QAM	Verdict		
		1	0	21.79	21.13	PASS		
		1	24	22.04	21.33	PASS		
		1	49	21.77	21.10	PASS		
	LCH	25	0	20.93	19.96	PASS		
		25	12	20.84	19.95	PASS		
		25	25	20.79	19.87	PASS		
		50	0	20.84	19.85	PASS		
		1	0	21.76	21.09	PASS		
	МСН	1	24	22.02	21.34	PASS		
QPSK /				1	49	21.85	21.10	PASS
16QAM		25	0	20.87	19.94	PASS		
TOQAIM		25	12	20.91	19.94	PASS		
		25	25	21.00	20.06	PASS		
		50	0	20.96	19.99	PASS		
		1	0	21.80	21.19	PASS		
		1	24	22.02	21.45	PASS		
		1	49	21.85	21.25	PASS		
	HCH	25	0	20.86	19.97	PASS		
		25	12	20.89	19.95	PASS		
		25	25	20.77	19.84	PASS		
		50	0	20.85	19.94	PASS		

C.2 Peak-to-Average Ratio

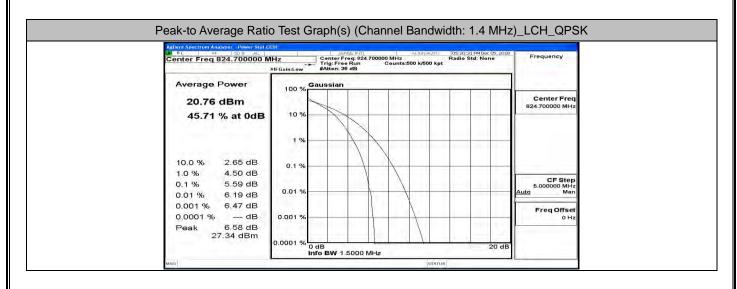
	Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Channel	[dB]		Verdict		
	LCH	5.59	<13	PASS		
QPSK	MCH	5.72	<13	PASS		
	НСН	5.51	<13	PASS		
	LCH	6.51	<13	PASS		
16QAM	MCH	6.7	<13	PASS		
	НСН	6.5	<13	PASS		

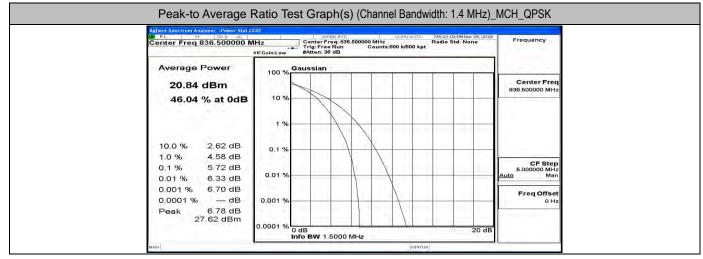
	Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)					
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
wouldton	Channel	[dB]	[dB]	Verdict		
	LCH	5.56	<13	PASS		
QPSK	MCH	5.72	<13	PASS		
	HCH	5.65	<13	PASS		
	LCH	6.45	<13	PASS		
16QAM	MCH	6.67	<13	PASS		
	HCH	6.43	<13	PASS		

	Peak-to Average Ra	atio Test Result (Channel	Bandwidth: 5 MHz)	
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict
Modulation	Channel	[dB]	[dB]	Verdict
	LCH	5.56	<13	PASS
QPSK	MCH	5.75	<13	PASS
	НСН	5.63	<13	PASS
	LCH	6.39	<13	PASS
16QAM	MCH	6.54	<13	PASS
	НСН	6.46	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)					
Modulation	Modulation Channel Peak	Peak-to-Average Ratio	Limit	Verdict	
Modulation	Channel	[dB]	[dB]	verdict	
	LCH	5.58	<13	PASS	
QPSK	MCH	5.78	<13	PASS	
-	НСН	5.66	<13	PASS	
	LCH	6.36	<13	PASS	
16QAM	MCH	6.45	<13	PASS	
	НСН	6.37	<13	PASS	

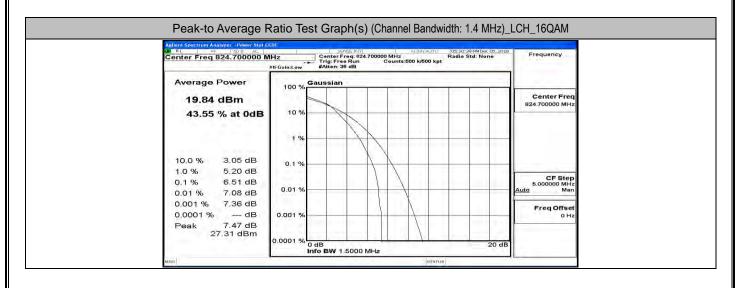
This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 5 of 52

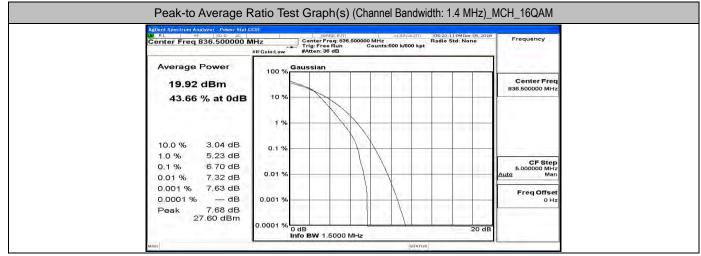




Center Freq B48.300000 MHz Center Freq S48.300000 MHz Radio Std: None Average Power 20.84 dBm 100 % Caussian Center Freq S48.30000 MHz Center Freq S48.30000 MHz 100 % 20.84 dBm 10 % 10 % Center Freq S48.30000 MHz Center Freq S48.30000 MHz 100 % Caussian Center Freq S48.30000 MHz Center Freq S48.30000 MHz Center Freq S48.30000 MHz 10.0 % 2.62 dB 0.1 % 0.1 % S.51 dB 0.1 % 0.01 % 6.05 dB 0.01 % 0.01 % Freq Offset Auto 0.001 % 0.001 % 0.001 % 0.001 % 0.001 % 0.001 %	SENSE:INT ALIGNAUTO 05:2	29:32 PMDec 05, 2018	requency
Average Power Caussian 20.84 dBm 100 % 46.30 % at 0dB 10 % 10 % 1 % 10 % 1 % 10 % 1 % 10 % 1 % 10 % 1 % 10 % 1 % 10 % 1 % 10 % 1 % 10 % 1 % 10 % 1 % 10 % 1 % 10 % 1 % 10 % 1 % 10 % 0.1 % 0.1 % 0.1 % 0.01 % 0.01 % 0.001 % 0.001 % 0.001 % 0.001 % Peak 6.35 dB 27 19 dBm 0.001 %	ree Run Counts:500 k/500 kpt	o Std: None	requency
20.84 dBm 100 % Center Freq 848.30000 MHz 46.30 % at 0dB 10 % 10 % 10.0 % 2.62 dB 0.1 % 10.0 % 4.47 dB 0.1 % 0.01 % 6.05 dB 0.01 % 0.001 % 6.26 d B 0.01 %	1 36 dB		
20.84 dBm 10 % Center Freq 848.300000 MHz 46.30 % at 0dB 10 % 1 % 10.0 % 2.62 dB 0.1 % 1 % 10.0 % 2.62 dB 0.1 % 5.51 dB 0.01 % 6.05 dB 0.01 % 5.00000 MHz 0.001 % 6.26 dB 0.01 % Freq Offset 0.001 % 6.26 dB 0.001 % 0.001 % 0.001 % 6.26 dB 0.001 % 0.001 %	an		
46.30 % at 0dB 10 % 10.0 % 2.62 dB 11 % 1 % 10.0 % 2.62 dB 0.1 % 0.1 % 0.1 % 5.51 dB 0.01 % 6.05 dB 0.01 % 6.26 dB 0.001 % 6.26 dB 0.001 % 6.35 dB 27 19 dEm			
10.0 % 2.62 dB 0.1 % 1.0 % 4.47 dB			
10.0 % 2.62 dB 0.1 % 1.0 % 4.47 dB 0.1 % 0.1 % 5.51 dB 0.01 % 0.01 % 6.05 dB 0.01 % 0.001 % 6.26 dB 0.001 % 0.000 % - dB 0.001 % Peak 6.35 dB 0.001 %			
1.0 % 4.47 dB 0.1 % 0.1 % 5.51 dB 0.01 % 0.01 % 6.05 dB 0.01 % 0.001 % 6.26 dB 0.001 % 0.0001 % - dB 0.001 % Peak 6.35 dB 0.001 %			
1.0 % 4.47 dB 0.1 % 0.1 % 5.51 dB 0.01 % 0.01 % 6.05 dB 0.01 % 0.001 % 6.26 dB 0.001 % 0.0001 % - dB 0.001 % Peak 6.35 dB 0.001 %			
1.0 % 4.47 dB 0.1 % 5.51 dB 0.01 % 6.05 dB 0.001 % 6.26 dB 0.0001 % - dB 0.001 % - dB			
0.11 % 5.51 dB 0.01 % 0.01 % 6.05 dB 0.01 % 0.001 % 6.26 dB 0.0001 % - dB 0.001 % Peak 6.35 dB 27 19 dBm			OF OLAS
0.001 % 6.05 dB 0.001 % 6.26 dB 0.0001 % - dB 0.001 % Peak 6.35 dB 27 19 dBm			5.000000 MHz
0,0001 % dB 0.001 % 0Hz 0Hz		Auto	Man
Peak 6.35 dB		10 I I I I I I I I I I I I I I I I I I I	
27 19 dBm			0 Hz
	nte j: F ten	nter Freq: 848,300000 MHz Radi g: Free Run Counts:500 k/500 kpt ten: 36 dB	Padio Std: None Padio

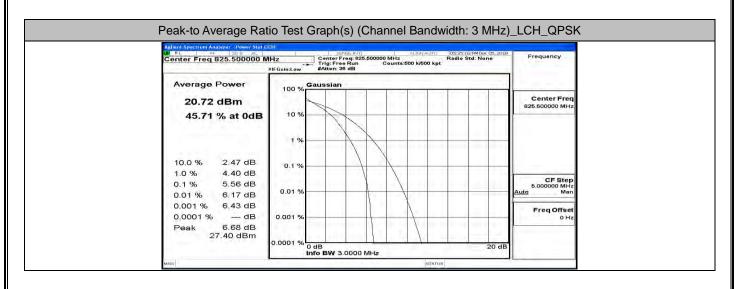
This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 6 of 52

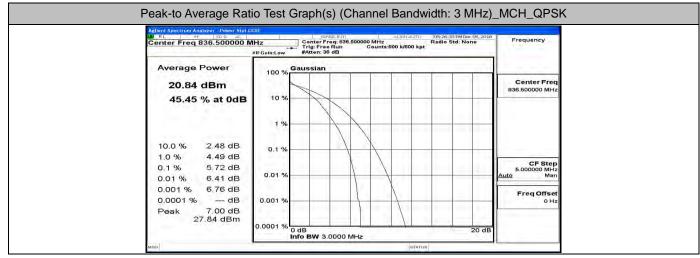




RL RF SD Q AC	CDF SENSE	INT ALIGN	AUTO 05:29:40 PMDec	05,2018	
Center Freq 848.300000 M	AHz Center Free Trig: Free R	: 848,300000 MHz un Counts:500 k/5	Radio Std: Nor	e Freque	ncy
	#IFGain:Low #Atten: 36 d	8			
Average Power	100 % Gaussian				
19.96 dBm					er Freq
43.59 % at 0dB	10 %			848,3000	JOO MIHZ
	X				
1.1.2.2.2.2	1 %		the state of the s		
and the second	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	VV	1	10.00	
10.0 % 3.01 dB	0.1 %				
1.0 % 5.17 dB	4.1.18		1	-	F Step
0.1 % 6.50 dB	0.01 %			5.0000 Auto	Man
0.01 % 7.14 dB	0.01 %			Add	warr
0.001 % 7.32 dB 0.0001 % dB				Freq	Offset
Peak 7.40 dB	0.001 %				0 Hz
27.26 dBm			the second second		
1.201000	0.0001 % 0 dB			20 dB	
	0.0001 % 0 dB Info BW 1.50	00 MHz		20 dB	

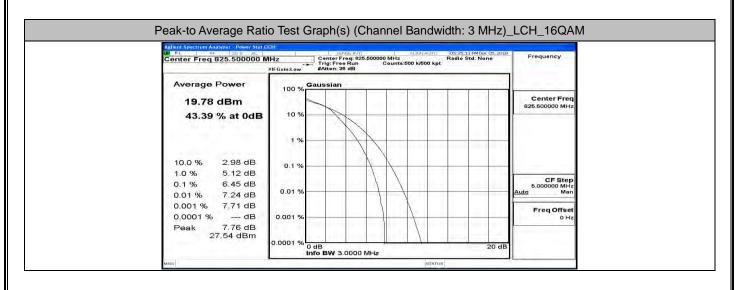
This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 7 of 52

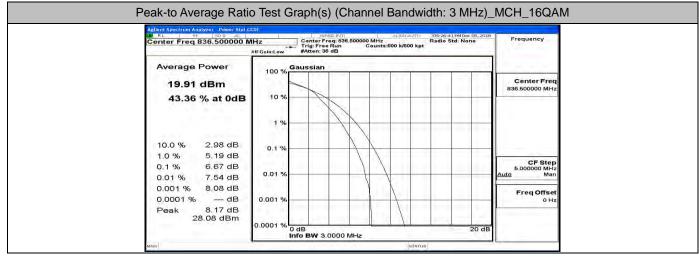




LW RL RF 50 Q AC	(D)	SENSE:INT	ALIGNAUTO	05:28:01 PMDec 05, 2018	
Center Freq 847.500000 N	AHz Cente	r Freq: 847.500000	MHz ounts:500 k/500 kpt	Radio Std: None	Frequency
1. 1. 1. 1. 1. THOLE	100000000000000000000000000000000000000				
Average Power	100 % Gaussia	in			
20.83 dBm					Center Freq 847.500000 MHz
45.72 % at 0dB	10 %				547.555000 MITZ
10000					
	1 %	NN			
a star hand a second and	and the second sec				
10.0 % 2.48 dB	0.1 %		\		
1.0 % 4.45 dB					CF Step
0.1 % 5.65 dB	0.01 %				5.000000 MHz Auto Man
0.01 % 6.29 dB			X		- SALE TOMIT
0.001 % 6.61 dB 0.0001 % dB	0.001 %				Freq Offset 0 Hz
Peak 6.80 dB	0.001 %				0 Hz
27 63 dBm	1917-1119-111	1.000			
	0.0001 % 0 dB	3.0000 MHz		20 dB	
ine l		0.0000 10112	STATUS		

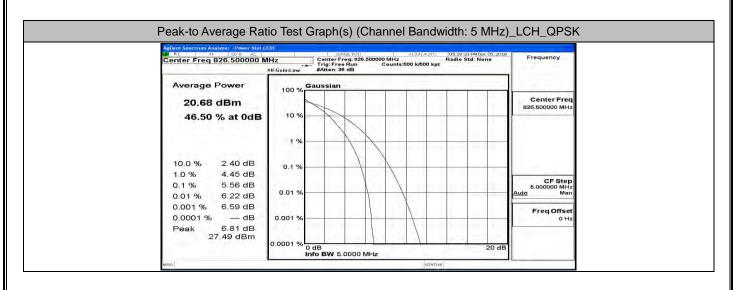
This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 8 of 52

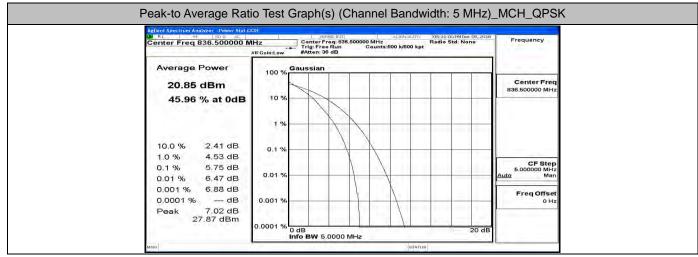




	eitert Section Andyzer - Drever Stat ECDT IRL 94 120 AC C SERVER INT - AUGUAUTO (05:32:00 MMDec 05, 2018) Eenter Freq 847,500000 MHz Center Freq 847,50000 MHz Radio Std: None Center Freq 847,50000 MHz Center Statistics (05:05:00 kpt)						
	IFGain:Low #Atten: 36 dB						
Average Power 19.90 dBm	100 % Gaussian	Center Freq 847.500000 MHz					
43.33 % at 0dB	10 %						
	1 %						
10.0 % 2.96 dB 1.0 % 5.09 dB	0.1 %						
0.1 % 6.43 dB 0.01 % 7.11 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man					
0.001 % 7.58 dB 0.0001 % dB	0.001 %	Freq Offset 0 Hz					
Peak 7.95 dB 27.85 dBm	0.0001 % o dB	20 dB					

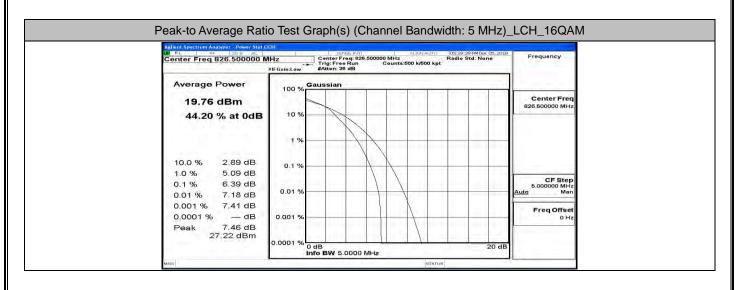
This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 9 of 52

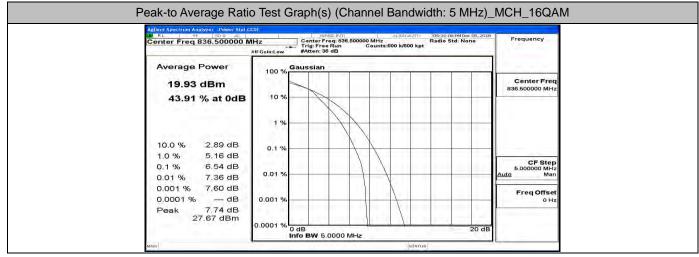




Agilent Spectrum Analyzer - Power Stat C		SENSEINT		ALIGN AUTO	05:32:29 PMDec 05, 2018			
Center Freq 846.500000 N		Center Freq: 846. Trig: Free Run #Atten: 36 dB	Counts:50	0 k/500 kpt	Radio Std: None	Frequency		
A DECK STREET						1		
Average Power	100 % Gau	ussian		-	i i i			
20.79 dBm	1		and in the			Center Freq 846.500000 MHz		
46.29 % at 0dB	10 %							
	1.2				and a second second second			
	1 %				1			
10.0 % 2.41 dB	0.1 %							
1.0 % 4.46 dB	0.1 %	V						
0.1 % 5.63 dB	0.01 %					CF Step 5.000000 MHz Auto Man		
0.01 % 6.32 dB			I = I	21101				
0.001 % 6.69 dB 0.0001 % dB	0.001 %					Freq Offset 0 Hz		
	0.001 /		1			0.112		
Peak 6.94 dB	6 Sec. 10 1777							

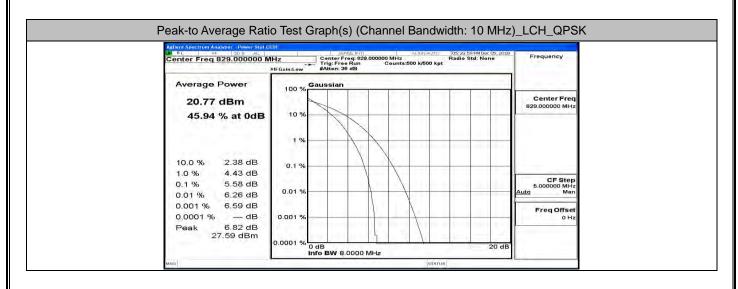
This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 10 of 52

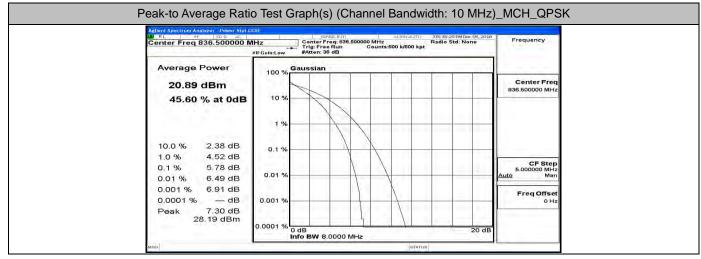




	lafent Spectrum Ansizer - Pewer Stall CDD: ■ RL 9F 500 AC Set						
	Gain:Low #Atten: 36 dB						
Average Power	100 % Gaussian						
19.80 dBm			Center Freq 846.500000 MHz				
44.27 % at 0dB	10 %						
and the second second	1 %						
10.0 % 2.90 dB	0.1 %						
1.0 % 5.13 dB			CF Step				
0.1 % 6.46 dB 0.01 % 7.20 dB	0.01 %		5.000000 MHz <u>Auto</u> Man				
0.001 % 7.53 dB			FreqOffset				
0.0001 % dB	0.001 %		0 Hz				
Peak 8.19 dB 27.99 dBm	i,						
	.0001 % 0 dB	20 dB					
	Info BW 5.0000 MHz						

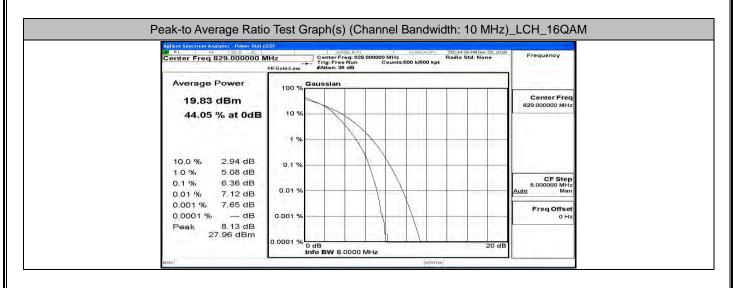
This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 11 of 52

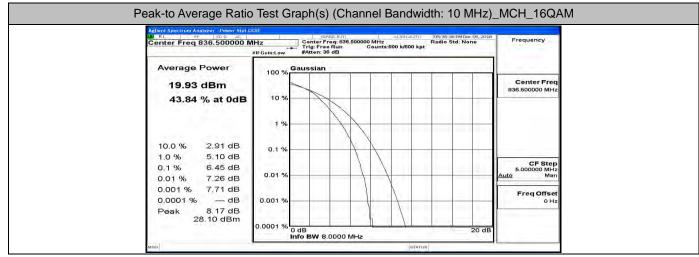




Center Freq 844.000000 N	Trig: Free Run Counts:500 k/500 kpt						
	#IFGain:Low #Ai	ten: 36 dB	Counter.coo avo	oo spr			
Average Power	100 % Gaus	sian		1	1 1 1		
20.76 dBm						Center Freq 844.000000 MHz	
46.32 % at 0dB	10 %						
		XX					
	1 %						
10.0 % 2.32 dB	0.1 %						
1.0 % 4.45 dB	2.00					CF Step	
0.1 % 5.66 dB 0.01 % 6.31 dB	0.01 %					5.000000 MHz Auto Man	
0.001 % 6.99 dB			X				
0.0001 % dB	0.001 %	- 1	$ \rangle$			Freq Offset 0 Hz	
Peak 7.07 dB 27.83 dBm	000						
27.65 0811	0.0001 % 0 dB				20 dB		
	Info E	W 8.0000 MH	2	-	20 05		

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 12 of 52





Center Freq 844.000000 I	AHz Center Freq: 84	44.000000 MHz Radi	37:09 PMDac 05, 2018 lo Std: None	Frequency
	#IFGain:Low #Atten: 36 dB	Counts:500 k/500 kpt	And the	
Average Power	100 % Gaussian			
19.83 dBm				Center Freq 844.000000 MHz
44.37 % at 0dB	10 %			
	1 %			
and the Reason and the				
10.0 % 2.90 dB	0.1 %			
1.0 % 5.07 dB 0.1 % 6.37 dB			-	CF Step 5.000000 MHz
0.01 % 7.21 dB	0.01 %			<u>Auto</u> Man
0.001 % 7.65 dB 0.0001 % dB	0.001 %			Freq Offset
Peak 7.96 dB			10000	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 13 of 52

C.3 26dB Bandwidth and Occupied Bandwidth

	EBW & OBW Te	st Result (Channel Band	width: 1.4 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Onannei	(MHz)	(MHz)	Verdict
	LCH	1.0739	1.226	PASS
QPSK	MCH	1.0726	1.224	PASS
	НСН	1.0780	1.233	PASS
	LCH	1.0787	1.216	PASS
16QAM	MCH	1.0788	1.220	PASS
	НСН	1.0742	1.228	PASS

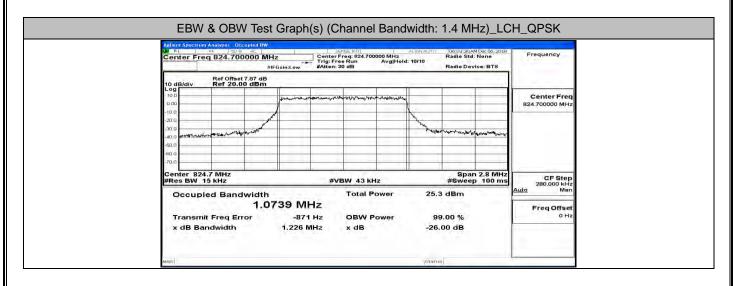
	EBW & OBW T	est Result (Channel Ban	dwidth: 3 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldton	Ghanne	(MHz)	(MHz)	Verdict
	LCH	2.6770	2.823	PASS
QPSK	MCH	2.6787	2.818	PASS
	НСН	2.6791	2.836	PASS
	LCH	2.6791	2.830	PASS
16QAM	MCH	2.6753	2.830	PASS
	НСН	2.6917	2.839	PASS

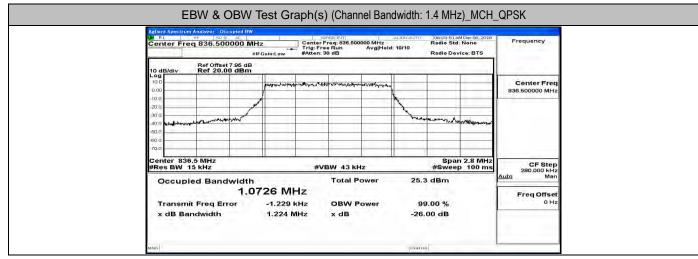
	EBW & OBW T	est Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
MODULATION	Channel	(MHz)	(MHz)	Verdict
	LCH	4.4738	4.756	PASS
QPSK	MCH	4.4844	4.862	PASS
	HCH	4.4681	4.841	PASS
	LCH	4.4762	4.815	PASS
16QAM	MCH	4.4798	4.816	PASS
	НСН	4.4783	4.877	PASS

	EBW & OBW Te	est Result (Channel Band	lwidth: 10 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wodulation	Channel	(MHz)	(MHz)	verdict
	LCH	8.9288	9.489	PASS
QPSK	MCH	8.9620	9.498	PASS
	HCH	8.9221	9.457	PASS
	LCH	8.9238	9.479	PASS
16QAM	MCH	8.9604	9.559	PASS
	HCH	8.9394	9.431	PASS

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 14 of 52

Report No.: LCS181130007AEG

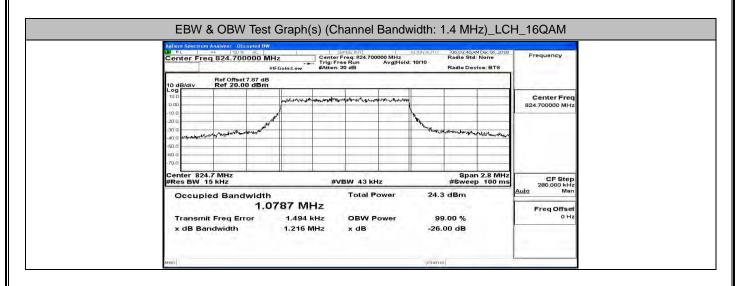


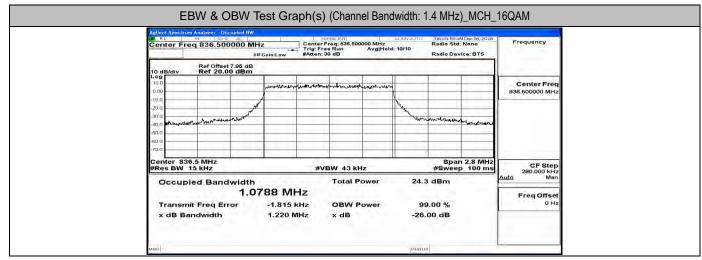


LW RL RF SD 9 AL	bw :	54	THE INT	ALIGNAUTO	Torstore a	M Dec 06, 2018				
Center Freq 848.300000			req: 848.300000 MHz		Radio Std Radio Dev	None	Frequency			
10 dB/div Ref 20.00 dB	iB m									
		mpannorthal	-harman harry during war	~			Center Freq 848.300000 MHz			
-10.0	1			X						
-30 0 -40 0 your harmon and harmon harden				WARNE	har white	nton an international				
-80 0										
Center 848.3 MHz #Res BW 15 kHz		#VI	BW 43 kHz	-11	Spar #Swee	n 2.8 MHz p 100 ms	CF Step 280.000 kHz			
Occupied Bandwidth 1.0780 MHz		ЛНz	Total Power	25.:	25.2 dBm		<u>Auto</u> Man			
Transmit Freq Error x dB Bandwidth		3 kHz 3 MHz	OBW Power x dB				99.00 % -26.00 dB		Freq Offset 0 Hz	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 15 of 52

Report No.: LCS181130007AEG

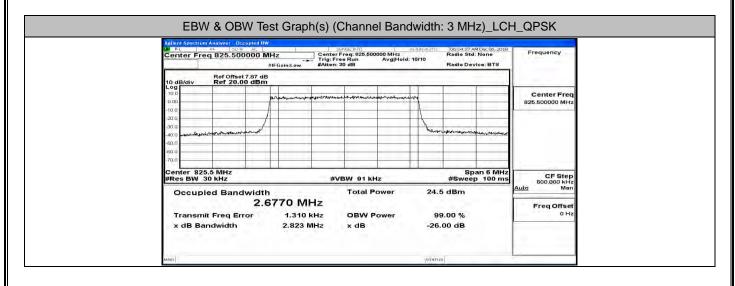


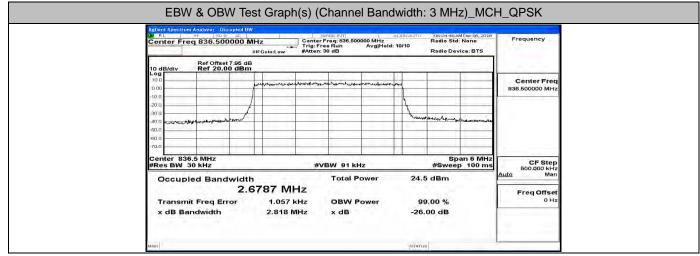


Adjent Spectrum Analyzer Occupted 11W Mark Set/risc/I/TI outstraturo tost/adultaturo Centrer Freq: 348,300000 MHz Radio Std: None								Frequency						
Center Freq 848.300000 M	#IFGain:Low #Atten: 30 dB					Alio Std: None vg Hold: 10/10 Radio Device: BTS								
Ref Offset 7.95 dE	3													
10.0	moundure	Martin Maryla	and the second second	minution				Center Freq						
-10.0	1				1		-	848.300000 MHz						
-20.0	1				N	1.000	4							
-40.0 mangach on the one show and					Whyster	unan manager	Magel purper							
-50.0			-			-								
-70.0			-	-										
Center 848.3 MHz #Res BW 15 kHz		#	VBW 43 kH	z	<u></u>	Spar #Swee	n 2.8 MHz p 100 ms	CF Step 280.000 kHz						
Occupied Bandwidth	ccupied Bandwidth		Total Power		24.	4 dBm		<u>Auto</u> Man						
1.0	0742 M	Hz						Freq Offset						
Transmit Freq Error	-1.337		OBW Power		OBW Power		OBW Power		OBW Power		99.00 %			0 Hz
x dB Bandwidth	1.228	MHz	x dB		-26	.00 dB								

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 16 of 52

Report No.: LCS181130007AEG

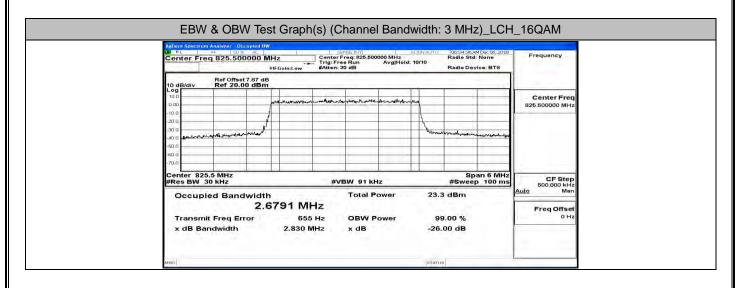


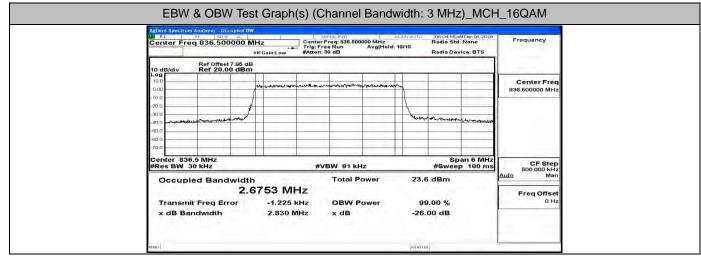


Addred Spectrum Analyzer Occupied IDW Subsci [D1] Addred Spectrum Analyzer Occupied IDW R.K. vitro pic 500 dia								Frequency
Ref Offset 7.95 d								
Log 10.0	-	handatarahlana		man				Center Freq 847.500000 MHz
-10.0	/						-	
-30.0 -40.0 Angland and the state of the sta					here	S. A. STRING WALLAND	haten maranterina	
-60 0		_						
Center 847.5 MHz #Res BW 30 kHz		#VI	BW 91 kHz				an 6 MHz) 100 ms	CF Step 500.000 kHz
Occupied Bandwidt	th 6791 MI	47	Total Power		24.	5 dBm		<u>Auto</u> Man
Transmit Freq Error	-2.186		OBW Powe	6	9	9.00 %		Freq Offset 0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 17 of 52

Report No.: LCS181130007AEG

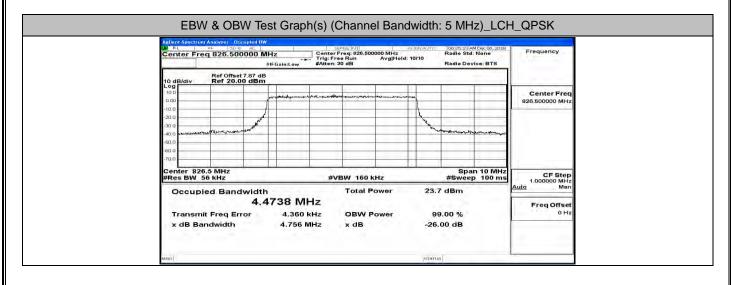


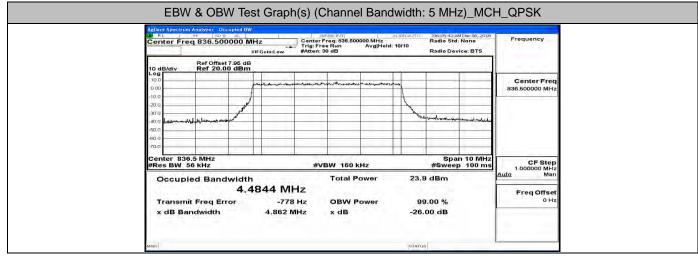


Agilent Spectrum Analyzer - Occupied B			NSE INT		IGN AUTO		M Dec 06, 2018	Frequency
Center Freq 847.500000 I	#IFGain:Low	Trig: Fre #Atten:	Freq: 847.500 te Run 30 dB	Avg Hold: 1	0/10	Radio Std		
Ref Offset 7.95 di	8							Center Freq
Log				1	1			
0.00	monation	1000 - 100 - 10		how when the second second	1	-	-	847.500000 MHz
-10.0	1				1			
-30 0					A			
-40.0 with the destand with the sheet					*****	to Delle to any	white markers	
-60.0.						-		
-70.0		-						
Center 847.5 MHz #Res BW 30 kHz	-	#V	BW 91 kH	Iz			an 6 MHz p 100 ms	CF Step 500.000 kHz
Occupied Bandwidt	h		Total P	ower	23.	4 dBm		Auto Man
2.						Freq Offset		
Transmit Freq Error	kHz	OBW P	ower	9	9.00 %		0 Hz	
x dB Bandwidth	2.839	MHz	x dB		-26	.00 dB		

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 18 of 52

Report No.: LCS181130007AEG

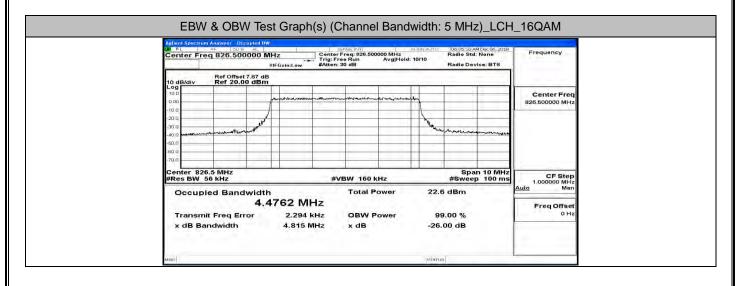


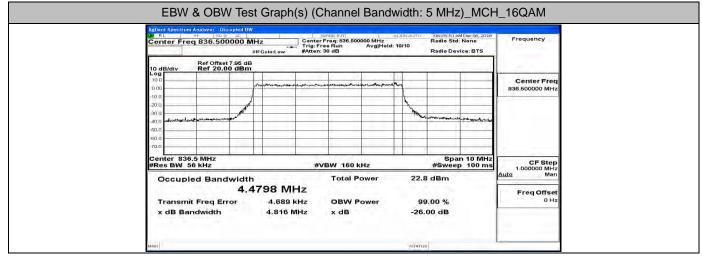


Center Pred 340.500000 mirze Trig: Free Run Avgifield: 10/10 Radie Devise: BTS 10	RL RF SDR AL	W		INSE INT		IGN AUTO		M Dec 06, 2018	Frequency
10 dB/div Ref 20.00 dBm 10 dB/div Ref 20.00 dBm 10 dB/div Center Free 10 dB/div Ref 20.00 dBm 10 dB/div Center Free 10 dB/div Ref 20.00 dBm 10 dB/div Center Free 10 dB/div Ref 20.00 dBm 10 dB/div Ref 20.00 dBm </th <th>Center Freq 846.500000 I</th> <th></th> <th>Trig: Fre</th> <th>e Run</th> <th>Avg Hold: 1</th> <th>0/10</th> <th></th> <th></th> <th>Prequency</th>	Center Freq 846.500000 I		Trig: Fre	e Run	Avg Hold: 1	0/10			Prequency
Log Center Free 000 Center Step 000 Free Offsee 000 CF Step 1.000000 MH Total Power 000 Center Step 1.000000 MH Mail 000 Freq Offsee 000 CF Step 1.000000 MH Mail 000 Mail 000 CF Step 1.000000 MH Mail 00000 MH Mail 000000 MH Mail 000000 MH Mail 000000 MH <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th rowspan="2">Center Freq</th></td<>									Center Freq
0.00 0.00 <td< td=""><td>Log</td><td></td><td></td><td>and the second</td><td></td><td></td><td></td><td></td></td<>	Log			and the second					
300	177.1					1			846.500000 MHz
Image: Span 10 MHz Image: Span 10 MHz Center 846.5 MHz #VBW 160 kHz Span 10 MHz Center 846.5 MHz #VBW 160 kHz Span 10 MHz Cocupled Bandwidth Total Power 23.6 dBm A.4681 MHz Freq Offse Transmit Freq Error -7.875 kHz OBW Power 99.00 %	J	N				they.			
Image: Constraint of the second se				-		N.	manut	Marytonterne	
Center 846.5 MHz Span 10 MHz CF Step 1,000000 MH #Res BW 56 kHz #VBW 160 kHz #Sweep 100 ms 1,000000 MH Occupied Bandwidth Total Power 23.6 dBm Auto Mail 4.4681 MHz Freq Offse Freq Offse 0 H 0 H Transmit Freq Error -7.875 kHz OBW Power 99.00 % 0 H	7770								
#Res BW 56 kHz #VBW 160 kHz #Sweep 100 ms CP Stell Occupied Bandwidth Total Power 23.6 dBm Auto Materia 4.4681 MHz Freq Offsee Freq Offsee 0 H	-70.0			1				1	
Occupied Bandwidth Total Power 23.6 dBm Auto Man 4.4681 MHz Freq Offse Transmit Freq Error -7.875 kHz OBW Power 99.00 %			#V	BW 160 k	Hz		Spa #Sweep	n 10 MHz p 100 ms	CF Step
Transmit Freq Error -7.875 kHz OBW Power 99.00 %	Occupied Bandwidt	h		Total P					
	4.			Freq Offset					
	Transmit Freq Error x dB Bandwidth	-7.875 4.841 P	-7.875 kHz		ower		9.00 % 00 dB		0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 19 of 52

Report No.: LCS181130007AEG

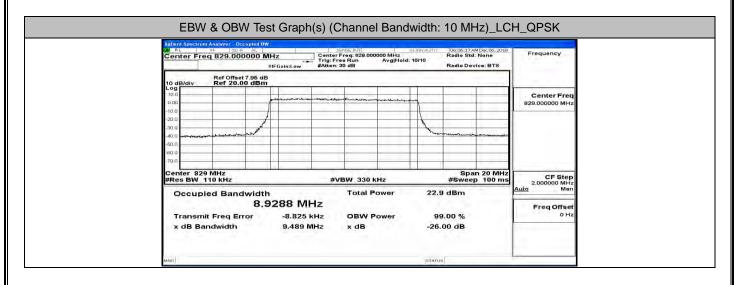


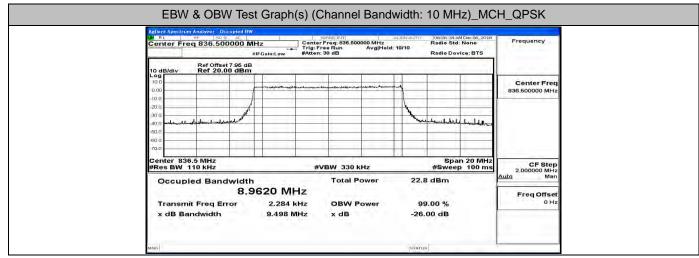


Center Freq 84	16.500000 M		Center F			IGN AUTO	Radio Std		Frequency
	f Offset 7.95 dB		#Atten: 3	30 dB			Radio Dev	vice: BTS	
	1 20.00 dBh				ensurvelmen				Center Freq 846,500000 MHz
-10.0	1					A.			540.00000 MI12
:30 0 -40 0	- server - marken					N.		-	
-50.0 -60.0					_				
Center 846.5 M #Res BW 56 kH			#V	BW 160 KH:	z			n 10 MHz p 100 ms	CF Step
Occupied		h 4783 M		Total Pov		22.5	i dBm		1.000000 MHz <u>Auto</u> Man
Transmit Fr		OBW Por	99	0.00 %		Freq Offset 0 Hz			
x dB Bandw		-10.583 4.877 I		x dB			00 dB		

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 20 of 52

Report No.: LCS181130007AEG

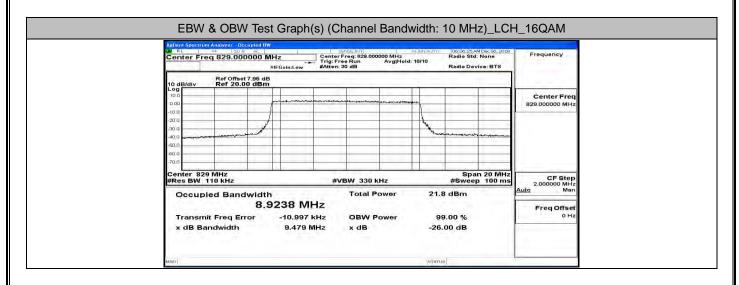


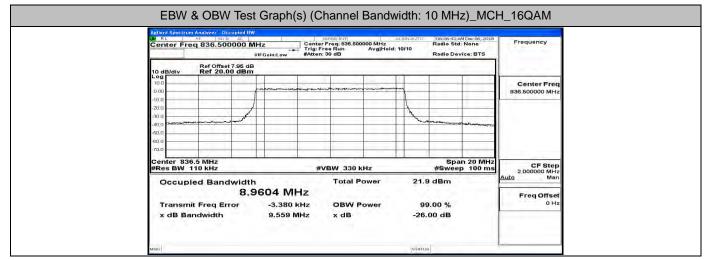


Agilent Spectrum Analyzer Decupi			SE	VSE:INT	-21	IGN AUTO	105:05:51 al	M Dec 06, 2018	
Center Freq 844.00000	DO MH	lz FGain:Low	Center F	req: 844.000 e Run			Radio Std	Frequency	
10 dB/div Ref Offset 7.9 Ref 20.00 d									
	r	a laanaayuraa'ahiyoo				-			Center Freq 844.000000 MHz
-10.0	1					h		-	
-40.0						~	and the second second		
-70.0									
Center 844 MHz #Res BW 110 kHz			#VE	3W 330 P	Hz		Spa #Sweer	n 20 MHz p 100 ms	CF Step 2.000000 MHz
Occupied Bandwi		221 MH		Total P	ower	22.3	7 dBm		<u>Auto</u> Man
Transmit Freq Error	HZ HZ	OBW P	ower	91	9.00 %		Freq Offset 0 Hz		
x dB Bandwidth		9.457 N	AHz	x dB		-26.	00 dB		

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 21 of 52

Report No.: LCS181130007AEG



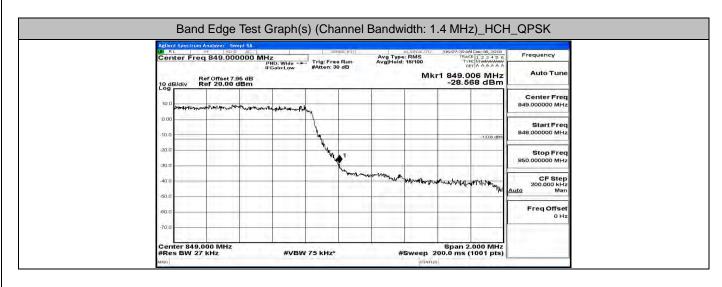


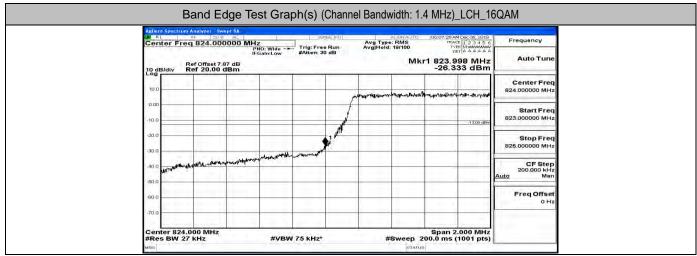
Contor Fred	RF DO Q AL			SENSE:INT		ALIGNAUTO	06:07:00 A	M Dec 06, 2018	Frequency		
Conter Freg	q 844.000000 l	MHz #IFGain:Low	Center Trig: Fi #Atten:	r Freq: 844.000 ree Run : 30 dB	000 MHz Avg Hold	: 10/10	Radio Std: Radio Dev		Frequency		
10 dB/div	Ref Offset 7.95 d Ref 20.00 dBr										
10.0 0.00		-						Center Freq 844.000000 MHz			
-10.0 -20.0 -30.0											
-40,0	and the second second							*****			
-70.0 Center 844	NALIS						Casa	in 20 MHz			
#Res BW 11			#1	VBW 330 k	Hz			p 100 ms	CF Step 2.000000 MHz		
Occupie	ed Bandwidt			Total P	ower	21.1	3 dBm		<u>Auto</u> Man		
	kHz	OBW P	ower	99.00 %			Freq Offset 0 Hz				
#Res BW 11 Occupie	10 kHz ed Bandwidt 8, Freq Error	th .9394 M -7.090 9.431 I	Total P	ower	91	#Sweer 8 dBm	2.000000 MHz <u>Auto</u> Man Freq Offset				

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 22 of 52

C.4 Band Edge

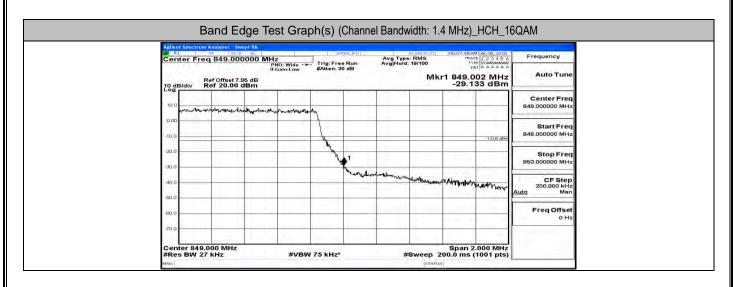
N RL		C Swept SA	_	servae:InT	Avg Type	LIGNAUTO 05:0	7:20 AM Dec 06, 2018 TRACE 1 2 3 4 5 6	Frequency
10 dB/div	Ref Offs	P	NO: Wide T	rig: Free Run Atten: 30 dB	Avg Hold:	^{19/100} Mkr1 82	4.000 MHz 6.572 dBm	Auto Tune
10.0					ana ang ang ang ang ang ang ang ang ang	~	~*************************************	Center Freq 824.000000 MHz
-10.00				1			-1.5.00 dBm	Start Free 823.000000 MHz
-20.0				\$1 still				Stop Freq 825.000000 MHz
-40.0 JAV	phys. Marinelly www.	www.et/11/7~160.0481/11-474	all and real areas and	Strough in a				CF Step 200.000 kHz Auto Man
-50.0								Freq Offset
-70 0							-	

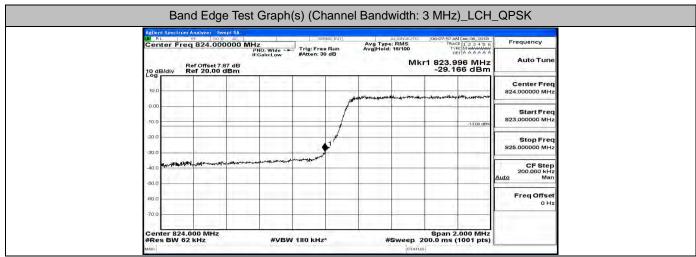




This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 23 of 52

Report No.: LCS181130007AEG

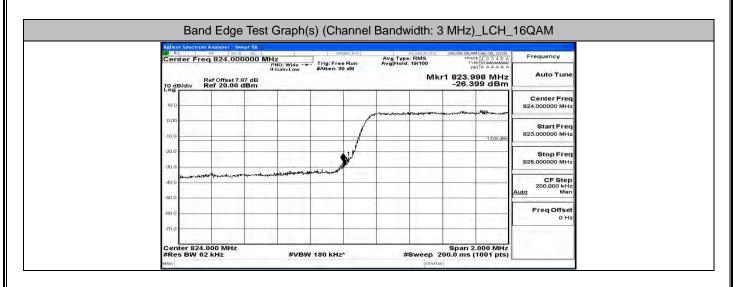


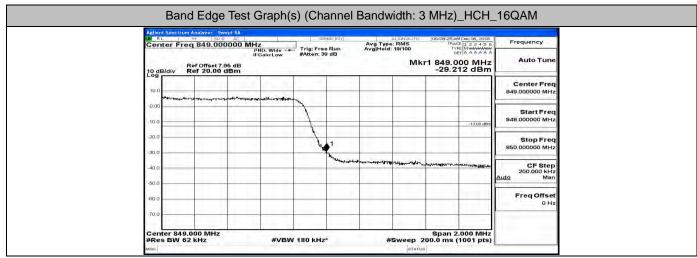


	Dec 06, 2018	06:09:16 AM	ALIGNAUTO		senaeth				RF SU Q		Agiler DV R
Frequency	123456 MMMMM	TRACE	/pe: RMS Id: 19/100	Avg	ree Ru	Trig	Z NO: Wide -+	0000 MHz	q 849.000		Cer
Auto Tune	and the second second second	1 849.00	Mk		30 dB	#Atte	Gain:Low	IFC 95 dB	Ref Offset 7.9 Ref 20.00 d	dB/div	10 di
Center Freq 849.000000 MHz										à	10.0
Start Freq 848,000000 MHz						1		and the second		a	0.00
040.000000 mm	-1.3.00 dBm					1					-10.0
Stop Freq 850.000000 MHz					1					11.1	-20.0
CF Step 200.000 kHz Auto Man	A 100 AND		₽₩₽₩₽₩₽₩₽₩₽₩₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	1	Nr.					α	-40.0
Freq Offset										11.11	-50.0
		_	_					-		à	-70.0

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 24 of 52

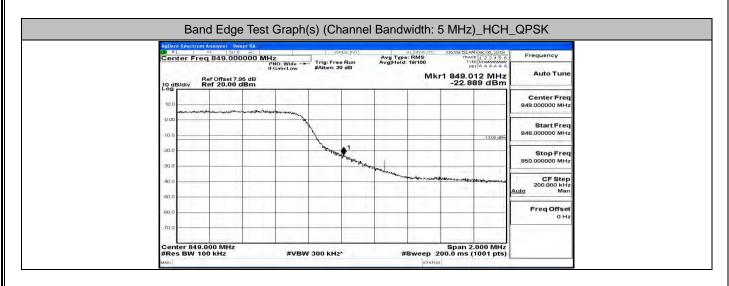
Report No.: LCS181130007AEG

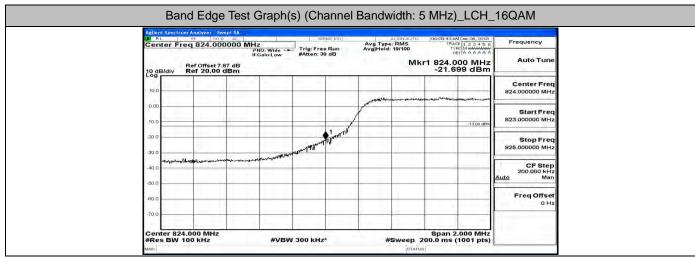




Agilent Spectrum Analyzer Swej		SERUSE: INT ALTO	NAUTO 06:09:34 AM Dec 06, 2018	1
Center Freq 824.000		Avg Type: R	IS TRACE 1 2 3 4 5 6	Frequency
Ref Offset 7.67 10 dB/div Ref 20.00 d	IFGain:Low #Atten:	30 dB	Mkr1 823.994 MHz -20.008 dBm	Auto Tune
10.0		SP Warmen and	proceeding and the second s	Center Freq 824.000000 MHz
-10.0		and the second	-15.00 dB*	Start Freq 823.000000 MHz
-20.0	Linguiling	atternational and a second and a second at		Stop Freq 825.000000 MHz
-40.0				CF Step 200.000 kHz Auto Man
-80.0				Freq Offset 0 Hz
-70.0				

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 25 of 52

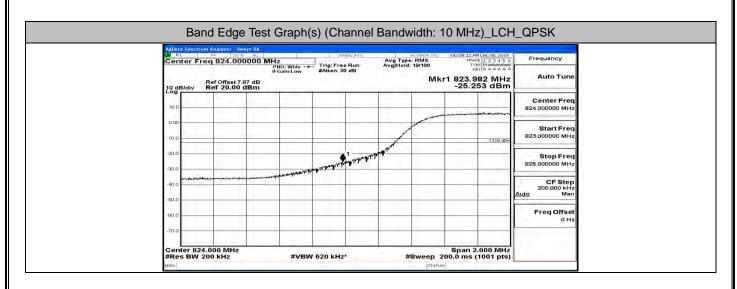


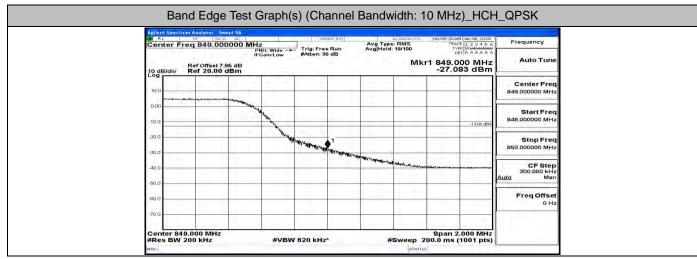


Ref 20.00 dBm -22.395 dBm	ncy o Tune
10 dB/div Ref 20.00 dBm Content of Center Conten	Tune
Cente	
man and a second a second and a second	er Freq 100 MHz
0.00	rt Freq 100 MHz
	p Freq
200.0 Auto	F Step 000 kHz Man
600 Freq	Offset 0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 26 of 52

Report No.: LCS181130007AEG





		um Analyzer							and the state of the second second	
Ce		eq 824.	000000 N	Hz PNO; Wide	and the second	e Bun	Avg Type Avg Hold	RMS	05:09:21 AM Dec 06, 2018 TRACE 1 2 3 4 5 6 TYPE MINANANA DET A A A A A A	Frequency
10 g	B/div	Ref Offse Ref 20.0		IFGain:Low	#Atten: 3	0 dB			r1 824.000 MHz -25.636 dBm	Auto Tune
10.0		1 - 1		-						Center Freq 824.000000 MHz
-10.0							, and the second		-13.00 dBm	Start Freq 823.000000 MHz
-20.0					Correct of the	Sumount	- Hereiter	1 1		Stop Freq 825.000000 MHz
-40.0			1							CF Step 200.000 kHz Auto Man
-60.0										Freq Offset 0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 27 of 52

Report No.: LCS181130007AEG

									Spectrum Analyzer	
Frequency	AM Dec 06, 2018 ACE 1 2 3 4 5 6 VPE MMMMMMM DET A A A A A A	TRACI	ERMS	Avg Type Avg Hold:	e Bun	Carolina I	Iz PNO: Wide -+	000000 MH	er Freq 849.0	
Auto Tune	006 MHz 907 dBm	1 849.0			0 dB	#Atten:	FGain:Low	t 7.95 dB	Ref Offset div Ref 20.0	10 dB/d
Center Freq 849.000000 MHz					_					10.0
Start Freq 848.000000 MHz	~1.5.00 dBm						~	man and and and and		-10.0
Stop Freq 850.000000 MHz					•1	hrupphroup	"Mul			-20.0
CF Step 200.000 kHz uto Man	-a faith a star for a feature -		Mara man	l'adhr-latadhu-h	Whether Why d					-40.0
Freq Offset 0 Hz										-60.0
										-70.0

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 28 of 52

		CSE T	est Gra	ph(s) (Chann	el Bar	ndwidth	: 1.4 N	MHz)_l	LCH_C	PSK
2,364	RL	req 79.50	D 9 A DC	1	599	use ini (06:10:00.AM	4Dec 06, 2018	Frequency
00	inter Pi	eq 73.50		PNO: Wide -+ FGain:Low	#Atten: 1	Bun D dB	Avg Type Avg Hold:			E 123456 E MMMMMM T A A A A A A	Auto Tune
10	dB/div	Ref Offset Ref 8.58	8.68 dB dBm			1	_	MK	-70.3	056 kHz 08 dBm	Auto Tune
-1.4	1 in 11	4 7 10	11.11								Center Freq 79.500 kHz
31	10.00										79.000 KH2
-21	1.0							÷			Start Freq 9.000 kHz
-31.	and the second		4					1.1		-39:00 dtim	200400
-41	4										Stop Freq 150.000 kHz
-51	4							_			CF Step
-61	4	C	11122					1	1.00		14.100 kHz Auto Man
-71	4	4.3	M 6	0.01	A. 100.1		ult. ad	A	♦ ¹ Mila relation of		Freq Offset
-81.	a Mr way	1-17 William	WANNA	N DATA CARACTER	yman Athana	WAY MAY	W. Marial	I WOW W	ANA MA MA	ohe Mu and	0 Hz
			t i a				1	1	Pton (1	0.00.111	
#R		KHZ 1.0 KHZ		#VBV	V 3.0 KHZ*		3		Stop 15 74.0 ms (0.00 kHz 1001 pts)	
arrest.	-	um Analyzer -	Swept SA					Patientida			_
2 10 4	R L	2016	5000 MH	PNO: Fast	Trig: Fre	Bun	Avg Type Avg Hold:	RMS	06:10:05 AM TRAC TVI	4 Dec 06, 2018 E 1 2 3 4 5 6 E MMMMMM T A A A A A A	Frequency
-		Ref Offset		PNO: Fast -+ FGain:Low	#Atten: 1	0 dB	1.2.00		Mkr1	538 kHz	Auto Tune
18	dB/div	Ref Offset Ref 8.58	dBm	1		-		_	-56.8	45 dBm	
-1.4	2	-						-		_	Center Freq 15.075000 MHz
-11	4	-	-		-			_			Start Freq
-31	4	-		-				_			150.000 kHz
-at.	4		-								Stop Freq
-41	4										30.000000 MHz
-61	4 A1-	-						-			CF Step 2.985000 MHz
-61	4 Mai										<u>Auto</u> Man
-71	4 LA	MA	-		-			_	_	_	Freq Offset 0 Hz
-81	4	f la hattaget	in the standing	Manyaday-hurt-	and an and the second	enterfoldenter the	uni-relephenis	rtoppopple descent	(automation)	upundadatinal	
Sta	art 150 I	kHz					1		Stop 3	0.00 MHz	
#R	es BW	10 KHZ		#VBV	V 30 kHz*				68.3 ms (1001 pts) Ipled	-
1.30	RL	um Analyzer RF 5	DQ AC		38	VSE:INT		AL IGIN AUTTO	06:10:08 AM	4 Dec 06, 2018	Erection
Ce	nter Fr	eq 13.01	5000000	GHz PNO: Fast → FGain:Low	Trig: Fre #Atten: 4	Run dB	Avg Type Avg Hold:	4/100	TRAC	E 123456 E MMMMMM T A A A A A A	Frequency
10	dB/div	Ref Offset Ref 30.0						м	kr2 25.7 -30.5	66 GHz 24 dBm	Auto Tune
1.3	1.00				-				-		Center Freq
20	1	1	-		-				-		13.015000000 GHz
10	ľ	1.1									Start Freq 30.000000 MHz
0.0			1.1.1.1								30.000000 MH2
-10		-	_							-1 3,00 dtsin	Stop Freq 26.00000000 GHz
-20.	a						1			3	
-30.			1.				monthing and	maria	manne	without	CF Step 2.597000000 GHz Auto Man
-40.	- alman	and service made	mann	me washing		mun					
	0							-			Freq Offset 0 Hz
-50	12										
-50	0							1			

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 29 of 52

Agilent Spectrum Analyzer - Swept	SET SET	USE:INT ALIGNAUTO	06:10:33 AM Dec 06, 2018	Frequency
Center Freq 79.500 kH	PNO: Wide Trig: Free IFGain:Low #Atten: 10	Avg Type: RMS Run Avg Hold: 8/100 0 dB	TYPE MUMANANA DET A A A A A A	Frequency
10 dB/div Ref 8.58 dBn			1kr1 119.685 kHz -67.924 dBm	Auto Tune
Log				Center Freq
-1.42				79.500 kHz
-11.4				Start Freq 9.000 kHz
-21.4				
			-39:00 dBm	Stop Freq 150.000 kHz
-51.4				CF Step
-61.4			1.2221.42.21	14.100 kHz Auto Man
the second se	warman ward ward ward ward war	worman have work and my hor	And a marked and a state of the	Freq Offset
-81.4	radiality and a state of the sources a	Manesa Matta, hawaraha alan	1. A way the Collinsian	0 Hz
Start 0 00 kHz	4, 22, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,		Stop 150.00 kHz	
Start 9.00 kHz #Res BW 1.0 kHz	#VBW 3.0 kHz*		174.0 ms (1001 pts)	0
Agilent Spectrum Analyzer - Swept	SA	(arat		
Center Freq 15.07500	D MHz PNO: Fast IFGain:Low #Atten: 10	Avg Type: RMS Run Avg Hold: 8/100	06:10:38 AM Dec 06, 2018 TRACE 1 2 3 4 5 6 TVPE MWANNAMA DET A A A A A	Frequency
Ref Offset 8.58 10 dB/div Ref 8.58 dBn		0 dB	Mkr1 538 kHz -55.999 dBm	Auto Tune
-1.42				Center Freq 15.075000 MHz
11.4				15.075000 MHz
-21.4				Start Freq 150.000 kHz
-31.4				
				Stop Freq 30.000000 MHz
·61.4 1				CF Step
-61.4 - 1			· · · · · · · · · · · · · · · · · · ·	2.985000 MHz <u>Auto</u> Man
71.4 UAAAA			11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Freq Offset
-81.4 Anthen Me	have the mortanthe determine	ensurprise and the second states and the second	all Man market and the state of the	0 Hz
Start 150 kHz		and a design of the second	Stop 30.00 MHz	
#Res BW 10 kHz	#VBW 30 kHz*		368.3 ms (1001 pts)	
Agilent Spectrum Analyzer - Swept	SA			
Center Freq 13.01500	DOOD GHz PNO: Fast Trig: Free	Avg Type: RMS Run Avg Hold: 4/100	06:10:42 AM Dec 06, 2018 TRACE 1 2 3 4 5 6 TYPE MWANAAAAA DET A A A A A	Frequency
Ref Offset 7.98	IFGain:Low #Atten: 40	DdB	Vkr2 25.714 GHz -30.573 dBm	Auto Tune
10 dB/div Ref 30.00 dB	m		-30.573 dBm	Center Freq
20.0				13.015000000 GHz
10.0 0				Start Freq
0.00				30.000000 MHz
×10.0			-1 3.00 dbm	Stop Freq
-20.0				26.000000000 GHz
-30.0		and the second second	-amon another	CF Step 2.597000000 GHz
40.0	have many many many many many	and the same and a star way a survey a survey a survey a survey as a survey of the sur		<u>Auto</u> Man
and when how the				Freq Offset
-50.0				0 Hz
and the second				0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 30 of 52

Frequency	Dec 06, 2018	05:11:05 AM		Aug Tur	sence:m)	1	B DC	Analyzer Sw		BL BL
1.	123456 M			Avg Type Avg Hold:	nee Run 10 dB	ide Tris	CHZ PNO IFGa	q 79.500	ter Free	Cen
Auto Tune	42 kHz 0 dBm	r1 144.6 -66.59	Mk					Ref Offset 8. Ref 8.58 d	Bidiv F	10 dE
Center Fred	1						H		L	-1.42
79.500 kHz										127
Start Fred 9.000 kHz										-11.4
1										-21.4
Stop Fred 150.000 kHz	-39:00 dfan						1			-31.4
CF Step										-61.4
14.100 kHa Auto Mar								12 1		-61.4
Freq Offse	in Jak	An real	0.0.00	at a M				and and		-71.4
0 Ha	Manuk	Manna	A Add When	Mundam A	MARAM	ANTA-Transmillar	Mannahanan	AMMANA	wwww	-81.4
			1	1	1.		1.2.4	1.1.1.1.1		1.00
	001 pts)		Sweep 1	5	z*	#VBW 3.0		Hz 0 kHz	t 9.00 kl s BW 1.0	#Re:
	pled	LDC Coup	STATUS			_	ut-54	Analyzer Sw	d Sanctrum	Aailaa
Frequency	Dec 06, 2018 1 2 3 4 5 6 Mummun A A A A A A	06:11:10 AM TRACE	ALIGNAUTO	Avg Type Avg Hold:	sense Inir ree Run	مر اب	ADC I	e⊫ ∞os q 15.075		
Auto Tune			0/100	Avginora.	10 dB	ast Trig ow #At	IFGa			-
	5 dBm	Mkr1 5 -55.49	_		-		m	Ref Offset 8. Ref 8.58 d	3/div F	10 de Log
Center Fred 15.075000 MHz					_		1			-1.42
Dialst Fairs					_	_				-11.4
Start Fred 150.000 kHz		-					<u></u>			-21.4
Stop Fred					-				-	-31.4
30.000000 MH					_					-41-4
CF Step 2.985000 MH								-	•1	-61.4
<u>Auto</u> Mar					_				A.	61.4
Freq Offset 0 Hi					1 1 1 1			M	hA	-71.4
	manitan	pachanglannag	-	Northernet-Alerter	Alger Aundal Andrew	and and and a stand	Winner	Amply	Y (-81.4
	.00 MHz	Stop 30					h	Iz	t 150 kH	Star
-	001 pts)	58.3 ms (1	Sweep 3		z*	#VBW 30 H) KHZ	s BW 10	#Re:
	Dec 06, 2018	05:11:13 AM	al (GN AUTO	2	SENSEINU		pt SA	Analyzer Sw	d Spectrum	Agilen
Frequency	123456 MMMMMM AAAAAA	TRACE TYPE DE1	4/100	Avg Type Avg Hold:	ree Run : 40 dB	ast Trig	00000 GH	q 13.015	ter Free	Cen
Auto Tune		12 26.00	M		10.00			Ref Offset 7: Ref 30.00	Brack B	10 -10
Center Fred			-			-	DIII	(er 50.00		10 dE Log
13.015000000 GH:									-	20.0
Start Fred									Q^1	10.0
30.000000 MH;								10.00		0.00
Stop Free 26.00000000 GHz	-1.3.00 sitem				_			-	_	-10.0
	2	-						-		20.0
CF Step 2.597000000 GH	month	mound			-					-30.0
2.597000000 GH	1.1.1.1.1.1.1.1			and the second	enter an and a set	and the second second	and the second second	manut	man	-40.0
<u>Auto</u> Mar			1.1		-			-	1.16.11	-60.0
2.597000000 GH: Auto Mar Freq Offset 0 H:					the second secon		1.0.000		1	
Auto Mar Freq Offset										-60.0

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 31 of 52

Aellent Spectrum And WRL RE Center Freq 7	9.500 kHz		sense;[n]/]	ALIGA Avg Type: RM	AUTO [06:10:1 S T	5.AM Dec 06, 2018 RACE 1 2 3 4 5 6	Frequency
		PNO: Wide Trig: IFGain:Low #Atte	Free Run in: 10 dB	Avg Type: RM Avg Hold: 8/10		DET A A A A A A A A A A A A A A A A A A A	12512-00
10 dB/div Ref	0ffset 9.58 dB 8.58 dBm	1 1	-		-65	372 dBm	
-1.42			-			-	Center Freq 79.500 kHz
-11.4							Start Freq 9.000 kHz
-31.4						-39:00 dDm	Stop Freq 150.000 kHz
-51 A						_	CF Step 14.100 kHz Auto Man
-51.4 man 444	Mundan	when when when when when when when when	MAnonM	Mr. Man Mun M	MAMAN	white	Freq Offset 0 Hz
-61.4	· · · ·	- and - Tr	1.4.4	Ver editor		1 44	
Start 9.00 kHz #Res BW 1.0 k	Hz	#VBW 3.0 k	Hz*	Swe	ep 174.0 m		
Aglient Spectrum And			SENSE: NTT	ALIGA	AUTO DE:10:2	0 aM Dec 05, 2018	-
Center Freq 1			Free Run m: 10 dB	Avg Type: RM Avg Hold: 8/10	0	DET A A A A A A	
10 dB/div Ref	Offset 8.58 dB 8.58 dBm				Mkr -58	1 508 kHz 745 dBm	Auto Tune
-1.42							Center Freq 15.075000 MHz
-11.4						29-89-dBm	Start Freq 150.000 kHz
-31.4							Stop Freq 30.000000 MHz
-61 à						-	CF Step 2.985000 MHz <u>Auto</u> Man
-51.4							Freq Offset 0 Hz
-61.4	Annother Muhamiles	-uniter the words and the second state	sumprove unificant	-Antonio Antonio	abouterterrorenterroyaan	huturnalauna	
Start 150 kHz #Res BW 10 kl	1.	#VBW 30 k			Stop 368.3 m	30.00 MHz s (1001 pts)	
Agilent Spectrum And	lyzer Swept SA		CONCE-INITI	AL (52	ETATUS DC C		1
Center Freq 1	13.015000000	GHZ	Free Run en: 40 dB	Avg Type: RM Avg Hold: 4/10	0 0	RACE 1 2 3 4 5 6 TYPE MMAAAAAAA DET A A A A A A	Frequency
10 dB/div Ref	Offset 7.98 dB 30.00 dBm	1 1			Mkr2 25 -30	.636 GHz 827 dBm	Auto Tune
20.0					-		Center Freq 13.015000000 GHz
10.0							Start Freq 30.000000 MHz
0.00						-1.3.00 dtsin	Stop Freq 26.00000000 GHz
0.00 -10.0							
-10.0						*	
-10.0	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Mar way to a contract of the second	and and the survey way	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	man	- martin	CF Step 2.597000000 GHz Auto Man
-10.0	*******			~~~~~	inner and a second	a contraction of the second	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 32 of 52

Aglient	Spectrum A	nalyzer - Swa					.amaan		lz)_MCI		
LW RL	8	79.500	ADC	0.1011	Trig: Free	ese:mini	Avg Type: Avg Hold:	RMS	06:10:49 AM TRACI TVP	Dec 06, 2018 1 2 3 4 5 6 Mummunu T A A A A A A	Frequency
10 dB.	Re Idiv Re	of Offset 8.5 of 8.58 dE		iO: Wide -► Sain:Low	#Atten: 10	0 dB			r1 133.2 -63.88		Auto Tune
-1.42	1.7.1		H								Center Freq 79.500 kHz
11.4	-								-		
-21.4 -											Start Freq 9.000 kHz
-31.4 =										- 39:00 dfim	Stop Freq 150.000 kHz
-41-4											CF Step
-51.4 -									•1	110	14.100 kHz Auto Man
	Marthan	When Annah	Manyan	nowman	man when	Man	www.	white	mmm	WANN	Freq Offset 0 Hz
-61.4 -										1 8 - Con 1	
#Res	9.00 kH BW 1.0	z kHz		#VBW	3.0 kHz*	<u></u>	5		74.0 ms (*		
LW RL	8	nalyzer Swe	ADC	1	50-7	USE:INT		N KAN AUTO	DC Cou	Dec 06, 2018	_
Cent	er Freq	15.0750	DOO MHZ	NO: Fast -+ Sain:Low			Avg Type: Avg Hold:	8/100	TRAC TVP DE	123456 MMMMMM TAAAAAA	Frequency
10 dB.	Re div Re	of Offset 8.6 of 8.58 de					<u> </u>	_	Mkr1 5	38 kHz 8 dBm	Auto Tune
-1 42 -	17.1			-							Center Freq 15.075000 MHz
-11.4	-										Start Freq
-21.4										+20-80-dDm	Start Freq 150.000 kHz
-31.4	-										Stop Freq
-41.4											30.000000 MHz
-61.4	¢1										CF Step 2.985000 MHz Auto Man
-61.4	h pul										FreqOffset
-71.4 -	WM	Manan	n				4	lesser -			0 Hz
	150 KHz	per series en el conserie de la cons	a station with	MAR-AU-MERIPANYA	hornwij horrikan	(11)masa/2444.2mg)	nter-Anteriologia	through the second	HANNAN WILLAN	0.00 MHz	
#Res	BW 10	kHz		#VBW	30 kHz*		5		68.3 ms (1001 pts)	
LM RL	8	nalyzer Swe 13.0150	ALL C	Hz	ser	vse:Inir	Avg Type: Avg Hold:	RMS	06:10:57 AM	Dec 06, 2018	Frequency
	Re	offset 7.9	PH IFC	HZ 10: Fast -+ Sain:Low	#Atten: 4	e Run D dB	Avg Hold:		kr2 25.7	66 GHz	Auto Tune
10 dB.	aiv Re	ef 30.00 c	main		-				-00.0		Center Freq
20.0	A1										13.015000000 GHz
10.0	Ŷ										Start Freq 30.000000 MHz
-10.0									·······		
20.0										-1.3,00 dbin	Stop Freq 26.00000000 GHz
-30.0 -					_			-			CF Step 2.597000000 GHz
-40.0	an and the second	maner	auntan more con	tents places and some	manner	warm a marger	and the second	and the second	and the second	and here and	Auto Man
							1	-			Freq Offset 0 Hz
-50.0											
-60.0											

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 33 of 52

Agilent S	pectrum Analyze	r - Swept SA			NSE-INTT		unaraumo-	In6(13-31 AA	Dec 06, 2018	
	er Freq 79.	500 kHz	PNO: Wide	Trig: Fre	e Run	Avg Type: Avg Hold:	RMS 8/100	TRAC	123456 MMMMMM A A A A A A	Frequency
10 dB/d	Ref Offs	set 9.59 dB 58 dBm	IFGain:Low	#Atten: 1	U ab		Mki	1 112.6	35 kHz 5 dBm	Auto Tune
-1.42		e i prese								Center Freq 79.500 kHz
-11.4							-			
-21.4			_							Start Freq 9.000 kHz
-31.4			_					-	-39:00 dtwn	Stop Freq 150.000 kHz
-41-4										
-61.4										CF Step 14.100 kHz Auto Man
	Mynam	Anthonestan	Mananthar	ALAN MAN	mont	manantin	MA MAN	Munhan	matrue	FreqOffset
-81.4	e estatat i	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		11919	• i i i		aut Mu	4 10 4	ч., т. м.	0 Hz
Start 9	9.00 kHz		Aug. 2 - 1 -	1000				Stop 15	0.00 kHz	
#Res I	BW 1.0 KHz		#VB	N 3.0 KHZ		s	Sweep 17	4.0 ms (DC Cou	1001 pts)	
LW RL	RE RE Preq 15.1	50 9 A DC -		52	NISE: INT	Ave Tune		05:11:26 AM	Dec 06, 2018	Frequency
Cente			HZ PNO: Fast IFGain:Low	#Atten: 1	e Run 0 dB	Avg Type: Avg Hold:	8/100		57 kHz	Auto Tune
10 dB/d	div Ref 8.	set 8.58 dB 58 dBm		-			_	-60.3	11 dBm	
-1.42							-		_	Center Freq 15.075000 MHz
-11.4									-	Start Freq
-21.4			_					-	+29-89-dBm	150.000 kHz
-31.4										Stop Freq 30.000000 MHz
-41.4	21							_		CF Step
·61.4	1	1.00		_				_		2.985000 MHz <u>Auto</u> Man
-71.4	MAL	1							10-00	Freq Offset 0 Hz
-81.4	1 1 464	p Ar Aman	yery, differing and distances	Mally-we-walk to chart	University that the second	deliver standstan	white white doe	Wellin Minn	(many have been	
Start 1 #Res E	150 kHz BW 10 kHz			N 30 kHz*	1.4		Sweep 36	Stop 3	0.00 MHz	
MSG			018 00					L DC Cou		
BI BI	Pectrum Analyze	1901 Q AL	O GHz PNO: Fast	St.	e Run	Avg Type: Avg Hold:	RMS	05:11:29 AN	Dec 06, 2018 1 2 3 4 5 6 M M A A A A A	Frequency
10 48/4	Ref Offs	et 7.98 dB	IFGain:Low	#Atten: 4	0 dB			r2 26.0	00 GHz 38 dBm	Auto Tune
10 dB/d 20 0			-							Center Freq
10.0	~1									13.015000000 GHz
0.00	Ŷ.								1	Start Freq 30.000000 MHz
-10.0		_							-1.3,00 siten	Stop Freq
20.0				-			-			26.000000000 GHz
-30.0							American	and the phase of the	mont	CF Step 2.597000000 GHz Auto Man
-40.0	Jamestran	and the state	and in succession		and an and the second	Tarres				FreqOffset
-50.0										0 Hz
1.1	30 MHz							-	5.00 GHz	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 34 of 52

DW/ F	RL I	rum Ana Ri-	9.500	ADC	1	98	USE:INT	Avg Type Avg Hold	ALIGNAUTO	06:11:49 AN	1 Dec 06, 2018 E 1 2 3 4 5 6 E Museum T A A A A A A	Frequency
	(B/div		Offset 8. 8.58 d		PNO: Wide -+ FGain:Low	#Atten: 4	e Run 0 dB	Avg Hold		Mkr1 9.5	564 kHz 57 dBm	Auto Tune
-1.42	10.7	-		1								Center Freq 79.500 kHz
-11-2	1								-			Start Freq 9.000 kHz
-31.4	1										-39.00 dl3m	Stop Freq 150.000 kHz
-61 4	halling	w and	Maynur	when the line	Annes							CF Step 14.100 kHz Auto Man
-61.4 -71.4	1			1.47 - 219	al hy have have been a	Whangthe	wanthat	mAMI	VANARY	anal Warn	WWWWW	Freq Offset 0 Hz
-61.4	rt 9.00	-							1	<u> </u>	0.00 kHz	
#Re MSG	es BW	1.0 k	1.1		#VBV	V 3.0 KHZ'		8		5100 15 74.0 ms (1001 pts)	
1.34/ F	RL I	RE	5.075		PNO: Fast -+	Se Trig: Fre	use:Inir e Run	Avg Type Avg Hold	al IGNAUTO : RMS 8/100	06:11:54 AA TRAC TYF	1 Dec 06, 2018 E 1 2 3 4 5 6 E MMMMMMM T A A A A A A	Frequency
10 0	B/div	Ref (Offset 8. 8.58 d		FGain:Low	#Atten: 1	0 dB			1kr1 1.3	44 MHz 39 dBm	Auto Tune
-1.42	2	-										Center Freq 15.075000 MHz
-11.4	1										29-89 dBm	Start Freq 150.000 kHz
-31.4			1								1	Stop Freq 30.000000 MHz
-61.4		1										CF Step 2.985000 MHz Auto Man
-51.4	habily	WA										Freq Offset
-81.4	1		Non Ad	MAN WALLOW	thermound	philipsenteennew	, muquintageling	adalaan ayaan	urknin VH Mu			
Sta #Re	rt 150 es BW	KHZ 10 KH	Ηz		#VBV	V 30 kHz*				Stop 3 68.3 ms (<u>1</u> DC Cou		
DW/ F	RL I	RE	19201 Sw 1950 s 13.015	AC	GHz PNO: Fast → FGain:Low		vse:INT	Avg Type Avg Hold	al IGN AUTO : RMS 4/100	06:11:57 AN TRAC TYP	Dec 06, 2018 E 1 2 3 4 5 6 E Musanawa T A A A A A A A	Frequency
10 g	B/div	Ref (Offset 7: 30.00		FGain:Low	#Atten: 4	0 dB			kr2 25.7		Auto Tune
20 0	4		-	1								Center Freq 13.015000000 GHz
0.00												Start Freq 30.000000 MHz
-10.0			-								-13,00 dDm	Stop Freq 26.000000000 GHz
-30.0									man	monorium	- Vin M	CF Step 2.597000000 GHz <u>Auto</u> Man
-40.0	the	when	metros of		- martine	the second s	and the second					Freq Offset
-60.0	12.7								-			512
Sta	rt 30 f	VIHz 1.0 N	1	-		V 3.0 MHz				Stop 2	6.00 GHz 1001 pts)	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 35 of 52

1.364	RL	eetrom /	Analyzer RF 3	Swept SA		(-)		sense: IN (al feat at th	MHz)_N		
Ce	enter	Frec	179.50	0 kHz		O: Wide - iain:Low	Trig: F #Atten	nee Run 10 dB	Avg T Avg H	/pe: RMS id: 8/100	TRA	M Dec 06, 2018 ACE 1 2 3 4 5 6 APE M M M A A A A A DET A A A A A A A	Frequency
10	dB/div	V R	ef Offset ef 8.58	9.69 dE dBm						r	Akr1 106. -71.7	713 kHz 53 dBm	Auto Tune
-1.4	Chi.	1.1		1111									Center Freq 79.500 kHz
41	21												79.000 KH2
-21	4							-					Start Freq 9.000 kHz
-31			10.00	41.44	-							-39:00-df3m	Stop Freq
-041							_	_		_	_		150.000 kHz
-51	. a	_			_				_	-			CF Step 14.100 kHz
-61		_	-	-				_	_	1	_		<u>Auto</u> Man
-71		и.	-				<i>n</i>	Λ	A	MIL A		MA	Freq Offset 0 Hz
-61	MI.	Mahan	mary	samo	MPMAN	and M.M.	white white	Mary my	Marshyn	mall and have	maran pallal	www.raw	
Sta	art 9.	00 kH	Iz	-	-		1000				Stop 1	50.00 kHz	
#R	kes B	W 1.0	KHZ			#VB	N 3.0 KH	z*			174.0 ms		
8.X/	RL		Analyzer RF. 13	DRADE	-	1		sense:Iniv		ALIGNAUT	0]06:12:28	AM Dec 06, 2018	Frequency
Ce	enter	Frec	1 15.07	5000	MHZ	IO: Fast - iain:Low	Trig: F #Atten	tee Run 10 dB	Avg T Avg H	/pe: RMS id: 8/100	TRA	NET A A A A A A	1
10	dB/di	R	ef Offset ef 8.58	8.68 dE dBm	8						Mkr1 2.0 -60.2	687 MHz 250 dBm	Auto Tune
-1.4	K. H.	1		11 11									Center Freq
-11	CL.												15.075000 MHz
-21												+29-80-dBm	Start Freq 150.000 kHz
at	10											-45 00 1400	
-41													Stop Freq 30.000000 MHz
-61		_			1.1								CF Step
-61	10	•	1									1	2.985000 MHz <u>Auto</u> Man
-71	Hind a	MAN A	1	1111								10000	Freq Offset
-61	.4	2.2	"hunder	Wm	No. A. Park	when when	www.	ANNO-GOULAND	homesterior and the	terner Whater	n and a contraction of the second	and and a start of the start of	0 Hz
St	art 1	50 KH				To a construction of the second				1		30.00 MHz	
#R	tes B	W 10	KHZ			#VB	N 30 KH:	*			368.3 ms	(1001 pts)	
	RL	ectrum /	Analyzer	Swept SA			_	SENGEINIT		AL (GN AUT	0. 106-12-21	M Dec 05, 2019	
Ce	enter	Frec	13.01	50000	000 G	Hz 10: Fast - ialn:Low	CHOICE	ee Run	Avg T Avg H	/pe: RMS id: 4/100	TEA	M Dec 06, 2018 ACE 1 2 3 4 5 6 VPE M MANAGEM DET A A A A A A	Frequency
10	dBido	R	ef Offsel ef 30.0	7.98 dE		amicow					Mkr2 25.		Auto Tune
1.5	dB/div	<u>v n</u>	00.0	u destri	1								Center Freq
20		.1											13.015000000 GHz
10		<i>.</i>										· · · · · ·	Start Freq 30.000000 MHz
0.0	00		1.0									1.1	30.00000 MH2
-10			-		-		-	-		-		-1.3,00 dtsin	Stop Freq 26.00000000 GHz
-20												3	CE Step
-30	11	-			1.1	-	1		money	-	mound	mon three and	CF Step 2.597000000 GHz Auto Man
-40	~	www.ww	- Server	- Andrew	-www.co	the second	- Automation					Thursday 1	Freq Offset
-50		-		11								1.000	0 Hz
1.55	0.0												
-60				1, 1				i. I		11	1.5	26.00 GHz	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 36 of 52

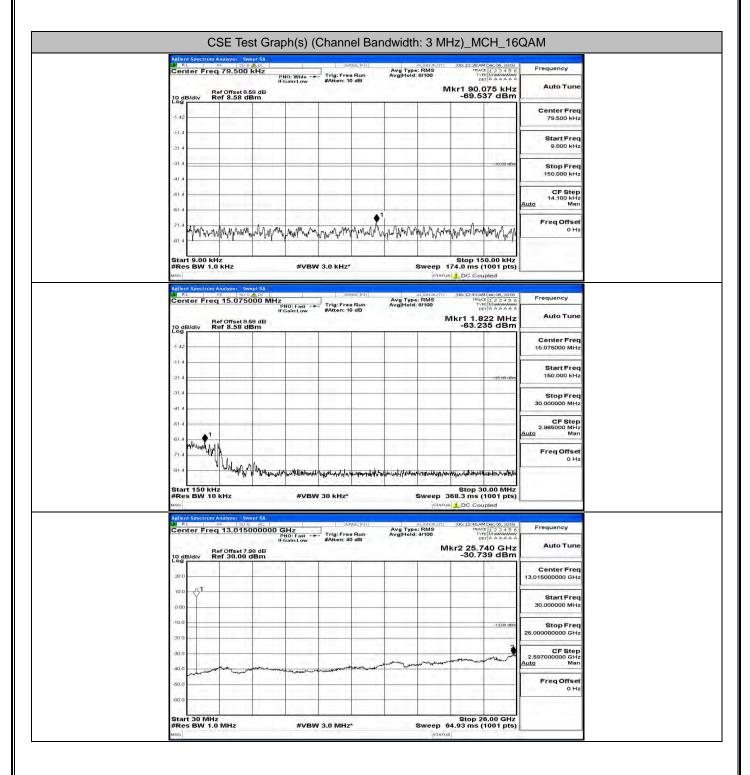
E MA F	RL	um Analyzer RF	50 9 A DC		9	enuse:inin]			06:12:54 AM	1 Dec 06, 2018	
Cer	nter Fr	eq 79.5	00 kHz	PNO: Wide	#Atten:	e Run 10 dB	Avg Type Avg Hold:	8/100	TRAC	E 123456 E MMMMMM T A A A A A A	Frequency
10 4	dB/div	Ref Offse Ref 8.5	t 8.58 dB 8 dBm					м		768 kHz 38 dBm	Auto Tune
130	1 in **			-						-	Center Free
-1.42	Î.										79.500 kHz
-31.4											Start Fred 9.000 kHz
-31.4	and the second							1 2		-39:00 dDm	
-41.8											Stop Frec 150.000 kHz
-61.4	a			1				_			CF Step
-61.4	4	100		1				_			14.100 kHa Auto Mar
-71.4	4		- Holens		-				1 1		Freq Offser
-81 4	" while ?	manny	mount	Marken Mark	app mapp	Man Maria	LVMM A	mym	rwhymph	MMMM	UH.
Sta	art 9.00	kHz							Stop 15	0.00 kHz	
#Re	es BW	1.0 kHz		#VB	N 3.0 KHZ	*			74.0 ms (1001 pts)	
Agile		um Analyzer	Swept SA		1	FRUSE INTY		N IGNUM TO		1 Dec 06, 2018	1
Cer	nter Fr	eq 15.0	75000 MI	IZ PNO: Fast IFGain:Low	The second second	e Run	Avg Type Avg Hold:	: RMS 8/100	TRAC TYPE	E 1 2 3 4 5 6 E MMMMMM T A A A A A A	Frequency
10 c	dB/div	Ref Offse Ref 8.5	t 8.68 dB 8 dBm	I-Gain:Low	saten.			N	1kr1 2.2	40 MHz 73 dBm	Auto Tune
-1.42	2	-		-				-			Center Fred 15.075000 MHz
-11.2	4	-		-	-	-			_		Private and
-21 4	4							_			Start Fred 150.000 kHz
-31.4	4	-		-							Stop Free
-41.8	*	_	_								30.000000 MHz
-61 4	a	.1	-			-			-		CF Step 2.985000 MH
-61.4	4 John Strange	1.						-			<u>Auto</u> Mar
-71.4	4	Wh.			-	-					Freq Offset 0 Ha
-81.4	4	- Windowski	Will Wound	the state of the second	wheeling	nknowhichmi	anna la chuilteanna	eryspondar-talking	unicional filles	annal Mansen May	
Sta #P	art 150 es BW	kHz			V 30 kHz		-	Sweep 3	Stop 3	0.00 MHz	
MRO		TO KITZ		# 7 .0.	V 30 KHZ				DC Cou		
8.364 F	RL	em Analyzer SF	50 Q AC	CH-	3	INSE:INT	Ava Type	ALIGNAUTO	06:13:02 AN	1Dec 06, 2018	Frequency
Cer	nter Fi	eq 13.0	1500000	PNO: Fast IFGain:Low	#Atten: 4	ie Run 10 dB	Avg Type Avg Hold:			E 123456 E Mutanana T A A A A A A	Auto Tune
10 0	dB/div	Ref Offse Ref 30.	t 7.98 dB 00 dBm					MI	-30.9	88 GHz 22 dBm	Auto Tulk
20.0	11.2	17.0	1.11	-					-		Center Fred
10.0	1	1.0							-		
0.00	0			1 1 1 1				1			Start Fred 30.000000 MHz
-10.0	ά			1						-13,00 dbin	Stop Fred
-20.0	a										26.000000000 GHz
				_							CF Step 2.597000000 GH
-30.0	0					1	my men and	manine	adarter the grants	mart	Auto Mar
-30.0		-	man Man	mummente		and the second	-				
1 C.1	° marine	-	and the second s	Hamping particularies	-track have t	Service and the		1 1		-	Freq Offse
-40.0	0		an the second	hround an a part of the	rement and	The second second	~				

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 37 of 52

Agl	lient S	pectrum	Analyze	Swep	SA	-			101			The other	M Dec 06, 2018	1
		r Fre	q 79.5	00 kl	-Iz	PNO: Wide FGain:Low	Trig	Free Ru	n	Avg Type Avg Hold	: RMS 8/100	TRA TRA	CE 1 2 3 4 5 6 PE MWAAAAAA ET A A A A A A	Frequency
10	dB/d	liv F	Ref Offs Ref 8.5	et 9.69 8 dBr		FGain:Low	#Att	en: 10 dB				cr1 130.	965 kHz 72 dBm	Auto Tune
-1-	ć h													Center Free 79.500 kH
40 10														Start Free 9.000 kH
-31													-39:00 dDm	Stop Free
-41		-												150.000 kH CF Ster
-61														14.100 kH Auto Mar
-71	W	Man	WWW	WAWA	An MM	1. m. M.	My my my	wwww	martin	WWW	MUMMAA	wante	Manan	Freq Offse 0 H
-61					4.	,			ich û		1 1		50.00 kHz	
#R	ants Res E	9.00 k 3W 1.	0 KHZ		-	#VI	3W 3.0 I	(Hz*				174.0 ms	(1001 pts)	
1.34	RL		Analyze RF q 15.0	50 9 A	DC I	4		SERVISE (1	nin]	Avg Type Avg[Hold	ALIGNAUTO	06:12:10.4 TRA	M Dec 06, 2018 CE 1 2 3 4 5 6 PE M M A A A A A	Frequency
			Ref Offs Ref 8.5	et 9.59	dB	PNO: Fast FGain:Low	#Att	en: 10 dB		Avg Hold	8/100	Mkr1	628 kHz 97 dBm	Auto Tuno
-1-			0.0											Center Free 15.075000 MH
-13		-		-	-		-							Start Free
-31														150.000 kH
-31														Stop Free 30.000000 MH
-61		j.												CF Step 2.985000 MH Auto Mar
-61	14	by have	M											Freq Offse 0 H
-61	.4	-	Manay	WYCH	West Amazia	ap for successfully	and the second	w/m/ultim	hereiten	ahahahan na ka	-querypealabre	+ with the service	har we have been a	
#R	tes E	150 KH 3W 10	1z		1		3W 30 K				Sweep 3	Stop 3 68.3 ms	0.00 MHz (1001 pts)	
1 10	lient S	_	Analyze	P210	41	1	_	SENSE	NT .		AL 1621 81 1711	DC Co		
Ce	ente	r Fre	q 13.0	1500		GHz PNO: Fast FGain:Low	Trig	Free Ru en: 40 dB	n	Avg Type Avg Hold	: RMS 4/100	TRA	M Dec 06, 2018 CE 1 2 3 4 5 6 PE M MANAMA ET A A A A A A	Frequency
10	dB/d	liv F	Ref Offs Ref 30.	et 7.98 00 dE		rGamicow				10 M	м	kr2 25.	974 GHz 57 dBm	Auto Tuni
20	5 B.		-											Center Free 13.015000000 GH
10		¢¹												Start Free 30.000000 MH
-10	00 0.0												-1 3,00 dbm	Stop Free
-20	o.a	-	_	-			_						2.	26.000000000 GH
-30			-						-	www.g.ww	vermone	unna	and the second	CF Step 2.597000000 GH Auto Mar
	~	and the second sec	- La			- marine	- Altrin - Altrin							Freq Offse 0 H
-50														
-60	2.0					1.00							1.000	

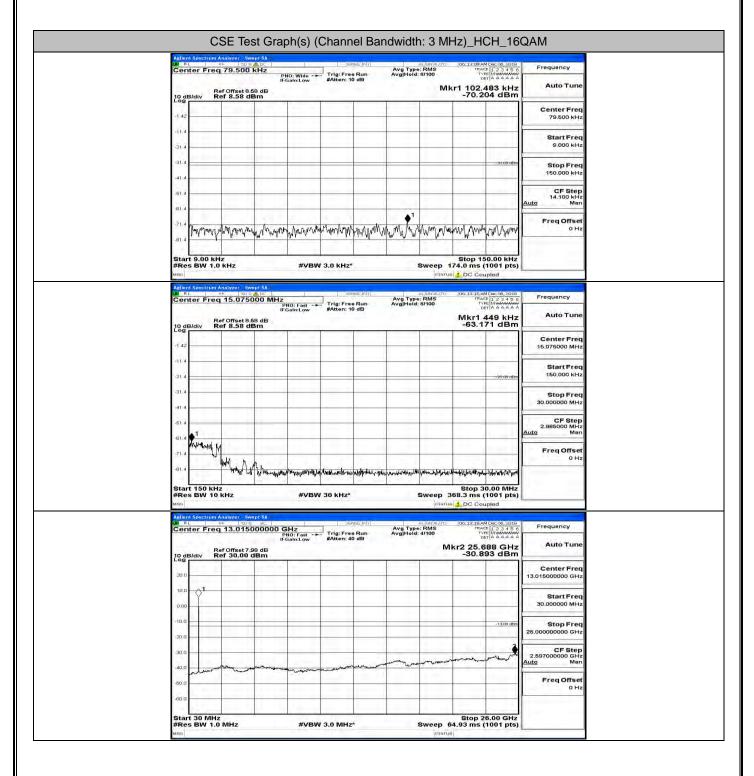
SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ADTE-S70

Report No.: LCS181130007AEG



This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 39 of 52 SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 2ADTE-S70

Report No.: LCS181130007AEG



BI BI	Freq 79.5	20 9 A DC		SENSE	a INIT	au vg Type: R	MS	05:19:30.AM	Dec 06, 2018	Frequency
10 dB/di	Ref Offs		PNO: Wide -+ IFGain:Low	Trig: Free F #Atten: 22 d	iB Av	g Hold: 9/		Akr1 9.0	00 kHz	Auto Tune
-1.42	1 A 11 A									Center Freq 79.500 kHz
-11.4										Start Freq 9.000 kHz
-31.4									-39:00 dDm	Stop Freq 150.000 kHz
-61.4	-				_					CF Step 14.100 kHz Auto Man
-71.4	Wand	ann an the second s	Mahan in	Ma A L		0				Freq Offset 0 Hz
Start 9.	.00 kHz	1.0.4	1000	S.Z.SET	ton MARIAN			Stop 15	0.00 kHz	
мяо	ectrum Analyze	Swept SA	#VBW	3.0 kHz*		Sv	STATUS	4.0 ms (DC Cou	pled	
LW RL	RF	TENRADE	Z PNO: Fast - ► IFGain:Low	Trig: Free F #Atten: 10 d	Run A IB	ati vg Type: R gjHold: 8/	100		123456 MMMMMM AAAAAA	Frequency
10 dB/di	Ref Offs Ref 8.5	et 8.58 dB 8 dBm	1	_			M	kr1 2.74 -62.75	47 MHz 56 dBm	Auto Tune
-1.42										Center Freq 15.075000 MHz
-11.4									+29-80 dBm	Start Freq 150.000 kHz
-31.4										Stop Freq 30.000000 MHz
-51 4									_	CF Step 2.985000 MHz Auto Man
-61.4 -71.4 y	400 Walter	1 m.								Freq Offset 0 Hz
-81.4 Start 1		he recently between a	and the second second	ner and the second s	HUMAN AND AND AND AND AND AND AND AND AND A	nnnan malad	hartwraped		Mentenneter D.00 MHz	
#Res B	W 10 KHz		#VBW	30 kHz*		Sv		58.3 ms (DC Cou	1001 pts)	
LW RL	RF RF Freq 13.0	15000000	GHz PNO: Fast -+ IFGain:Low	CONTRACT DO NOT	an A	aLi vg Type: R vg Hold: 4/	GNAUTO RMS 100	06:19:39 AM TRAC TVP	Dec 06, 2018 1 2 3 4 5 6 M M M M M M M M M M M M M M M M M M M	Frequency
	Ref Offs Ref 30	et 7.98 dB .00 dBm	IFGain:Low	#Atten: 40 d				r2 25.6		Auto Tune
20.0										Center Freq 13.015000000 GHz
0.00	, 									Start Freq 30.000000 MHz
-10.0								_	-13,00 dbin	Stop Freq 26.00000000 GHz
20.0	1.							a normania	munt	CF Step 2.597000000 GHz Auto Man
-20.0		1.1.1.1	and the second s		and the second se					
	an market and the		and the second	والمراجع والمعاولة والمعاركة	and the second	~~~	- Quart			Freq Offset 0 Hz

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 41 of 52

Agi	lent Spect	rum Anal	yzer - Swe	pt SA		-	neculated		ni lezi ni mer	Inersene -	4 Dec 06, 2018	U.
C	enter F	req 7	9.500	Hz	PNO: Wide -+ FGain:Low	Trig: Fre	e Run	Avg Type Avg Hold:	: RMS 8/100	TRAI TRAI	E 1 2 3 4 5 6 E MMMMMMM ET A A A A A A	Frequency
19	dB/div	Ref C Ref	ffset 8.5 8.58 dE		FGain:Low	#Atten: 1	0 88		MI	r1 139.	707 kHz 65 dBm	Auto Tune
4	C 10 **			11	-							Center Freq 79.500 kHz
49	4	-		-							_	Start Freq
-21												9.000 kHz
-31											-39:00 dDm	Stop Freq 150.000 kHz
-61	1.1	_	_						_			CF Step 14.100 kHz
-61			_						_			<u>Auto</u> Man
.71		han u hal	how pan	AA	applature	Marcula	mm	coller he	which your 1	hall and	with marth	Freq Offset 0 Hz
-61	1.22		-Jr-v	when high	Alabaratio	while the strength	1 + 1 my	Nound Phyl	udu vy hey			
St #F	art 9.00 Res BW	1.0 kHz	łz		#VBV	V 3.0 KHZ				Stop 18 74.0 ms (0.00 kHz 1001 pts)	
2,344	lent Spect	RE	50.97	DC		58	NSE:INT		N IGNUN ITO		100	-
C	enter F	req 1	5.0750	00 MHz	PNO: Fast → FGaln:Low	Trig: Fre #Atten: 1	e Run 0 dB	Avg Type Avg Hold:			M Dec 06, 2018 TE 1 2 3 4 5 6 TE M MANANAN TE A A A A A A	Frequency
18	dB/div	Ref C	ffset 8.5 8.58 dE	9 dB Sm			-		N	/kr1 3.0 -62.2	16 MHz 69 dBm	Auto Tune
÷.	42	-							_			Center Freq 15.075000 MHz
-13	4								-			Start Freq
-21											→29-80-dBm	150.000 kHz
-31												Stop Freq 30.000000 MHz
-61	. a		_						_			CF Step 2.985000 MHz
-61	Mart	Photo	1				-		-			Auto Man Freq Offset
-71	4		huburnate	Lus 1				1.5				0 Hz
	art 150	1115		hourself.	ng the many to be the	nh-n-mhairealthi	****	41141 - MAN - MAN	nja-19674729479		0.00 MHz	
#F	tes BW	10 KH	z		#VBV	V 30 kHz*				68.3 ms	1001 pts)	
Agi	lent Spect	RE	250.9	AL	2H-	se	NSE:IN1	Ave Tur-		06:14:12 A	M Dec 06, 2018	Frequency
		req 1	3.0150	-0	GHZ PNO: Fast -+ FGain:Low	Trig: Fre #Atten: 4	e Run 0 dB	Avg Type Avg Hold:				Auto Tune
C	enter F			a de					141	MIZ 20.0	53 dBm	
C	dB/div	Ref C Ref	17set 7.9 30.00 d	Bm	1	-				-30.8		I DESCRIPTION OF A CONTRACT OF
C	dB/div	Ref C Ref	offset 7.9 30.00 d	Bm		-			_	-30.8		Center Freq 13.015000000 GHz
10 20		Ref	0ffset 7.9 30.00 d	Bm						-30.8		13.015000000 GHz Start Freq
20 20		Ref	offset 7.9 30.00 d	Bm						-30.8		13.015000000 GHz Start Freq 30.000000 MHz
20 20 10 -10		Ref	offset 7.9 30.00 d	Bm						-30.8	-13.00 dEvn	13.015000000 GHz Start Freq
20 20 10 -10		Ref	offset 7.9	Bm						-30.8		13.015000000 GH2 Start Freq 30.000000 MH2 26.00000000 GH2 CF Step 2.59700000 GH2
200 200 110 -110 -210		Ref	offset 7.9 30.00 d	Bm						-30.8		13.015000000 GHz Start Freq 30.000000 MHz 26.000000000 GHz 2.597000000 GHz Auto Man
20 20 -10 -10 -20		Ref	1975et 7.9 30.00 d	Bm					wand the second of	-30.8		13.015000000 GH2 Start Freq 30.000000 MH2 26.00000000 GH2 CF Step 2.59700000 GH2

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 42 of 52

Aglient Spectrum Analyzer Swep W RL 95 20 9 M Center Freq 79.500 k	ADC	SERVER: INIT	al (GNAUTO g Type: RMS Hold: 8/100	06:14:40 AM D	x 06, 2018 2 3 4 5 6	Frequency
Ref Offset 8.58	PNO: Wide This IFGain:Low #At	g:FreeRun Avg ten:22 dB		Vikr1 9.14 -63.202	1 kHz	Auto Tune
10 dB/div Ref 8.58 dBi						Center Freq 79.500 kHz
-(1.4						Start Freq 9.000 kHz
-31.4					-33.00 dDm	Stop Freq 150.000 kHz
-41-4						CF Step 14.100 kHz
-71.4 Muhyman						Auto Man Freq Offset 0 Hz
-81.4	www.low.www.www.www.	Mount When when	manyapparan	uniter and	m	0 Hz
Start 9.00 kHz #Res BW 1.0 kHz	#VBW 3.0		Sweep 1	Stop 150. 74.0 ms (10	01 pts)	
Addent Spectrum Analyzer Swep WRL WF 50.9 /h Center Freq 15.07500	DC L	senase:Init Av g: Free Run Avg	al GNAUTO g Type: RMS Hold: 8/100	D5:14:45.AM D	23456 AAAAA	Frequency
10 dB/div Ref Offset 8.58 dBr	IFGain:Low #At	ten: 10 dB		oer/4 Ikr1 3.404 -61.081	1 MHz	Auto Tune
-1.42					-	Center Freq 15.075000 MHz
-11.4						Start Freq 150.000 kHz
-31.4						Stop Freq 30.000000 MHz
-61.4				-	_	CF Step 2.985000 MHz
-51.4 -71.4						Auto Man Freq Offset
-81.4	in appreciation of the second price of the second	nyermethouriteringlightering	for the state of the second second	seconde-speciality	mpanhahant	0 Hz
Start 150 kHz #Res BW 10 kHz	#VBW 301		Sweep 3	Stop 30.0 68.3 ms (10	00 MHz 01 pts)	
Aglient Spectrum Analyzer Swep Will RL PF 2000 Center Freq 13.01500	00000 GHz	sense:Init g:Free Run Avg	ALIGNAUTO g Type: RMS Hold: 4/100	D5:14:49 AM D TRACE 1 TYPE N DET 4	ac 06, 2018	Frequency
Ref Offset 7.98 10 dB/div Ref 30.00 dB	In Galiticow and	ten: 40 dB		cr2 25.68 -30.648	B GHz	Auto Tune
20.0		-	-			Center Freq 13.015000000 GHz
10.0 1 0.00						Start Freq 30.000000 MHz
-10.0		_	_		-1 3,00 dbm	Stop Freq 26.00000000 GHz
-30.0				and a second second	And a	CF Step 2.597000000 GHz
-40.0 -50.0	and and for a second and a second	and the construction of the second	a la seconda de la	1		Auto Man Freq Offset
-60.0						0 Hz
Start 30 MHz		I I		Stop 26. 4.93 ms (10		

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 43 of 52

Agila	ent Spe	etrum A	nalyzer - S	wept SA			and the local				Dec 06, 2018	
Ce	nter	Freq	79.50	kHz	PNO: Wide -	Trig: Fre	e Run	Avg Type: Avg Hold:	: RMS 8/100	TRAC TYP	123456 MWMMMM TAAAAAA	Frequency
10 9	dB/div	Re	f Offset	9.69 dB dBm	IFGain:Low	#Atten: *	10 dB		Mk		36 kHz 30 dBm	Auto Tune
13	111		***		-						1	Center Fred
-1.4.	2									-	0.00	79.500 kHz
-11-	4		10.0							6 A 1		Start Fred
-21-	4									-		9.000 kHz
-31	4	_			-	-		-			-39:00 dt¥n	Stop Free 150.000 kHz
-41-	4		1									
-61	4	-	-		-		-					CF Step 14.100 kHz Auto Mar
-61.	4					-				-	1	
-71-	4 WILL	Antar	where		1.1.1		n n A	. ALL T	M.	A	1 n 1	Freq Offset 0 Ha
-61.	4	hud	W. William	and Abryton	monorphand	the state of the state of the	W Mar Mar	Amakat Ada	Lund What is	MMMMY	whether	
Sta	urt 9.0	00 KH	z	-		in our				Stop 15	0.00 kHz	
#R	es Bl	N 1.0	KHZ		#VB	W 3.0 KHz	-		Sweep 17	DC Cou		
1.30/	RL	1	nalyzer S	9 ADC		19	PUSE:INT		AL IGN AUTO	06:13:51 AM	Dec 06.2019	
Ce	nter	Freq	15.07	5000 MH	PNO: Fast - IFGain:Low			Avg Type: Avg Hold:	8/100	TRAC TYP DE	123456 MMMMMMM AAAAAA	Frequency
10	dB/div	Re	f Offset	9.69 dB dBm	ir Gam:Low	Pricent.	o di j		M	kr1 2.7	17 MHz 51 dBm	Auto Tune
-1.43	111	1			-				-	-		Center Fred
- C.y.												15.075000 MH:
-11.3			11.1					1		11.1	L.S.	Start Fred 150.000 kHz
-21 -												
-31	4		11.0							-		Stop Free 30.000000 MHz
-41-	4		11.7						-			
-51	4											CF Step 2.985000 MHa Auto Mar
-61	4	A. An	6									
-71.4	4 WHY HA	n. We A	MALL N	4.	1.000						1.000	Freq Offset 0 Ha
-61.	4		- Wely	r Whanash	Mannahak	and all the tractor	no la supply and my	april when the star	your and the second states	alifer makey with	ntry Managatan	
Sta	art 15	0 KHZ			Whenthe #VB	W 20 LUN				Stop 3	0.00 MHz	
MSQ	es bu	101	KH2		#VB	W 30 kHz'				DC Cou		
1.30	RL	19	nalyzer - S	Q AL		58	NSE INT	4	ALIGNALITO	06:19:55 AN	Dec 06, 2018	President
Ce	nter	Freq	13.01	5000000	GHz PNO: Fast - IFGain:Low	Trig: Fre	e Run IO dB	Avg Type: Avg Hold:	4/100	TRAC	123456 MMMMMM TAAAAAA	Frequency
10 0	dB/div	Re	f Offset	.98 dB	all and the second				MH	-30.3	40 GHz 92 dBm	Auto Tune
1.3	1.0									-	-	Center Fred
20	0	1										13.015000000 GH:
103	⁰→		11.									Start Fred
0.0	0		11									30.000000 MHz
- 10.0	ά	-	_	-	_	-	-				-13,00 dbm	Stop Fred
(20.0	a	-				-			_			26.00000000 GH2
-30.0	a —	-	-				-			a diatrat	ran land and	CF Step 2.59700000 GH
-40.0		maria	mayan	manu		-	m	and many	ملمور می می مارند می مارند می ا		/	<u>Auto</u> Mar
-50.0	0	-										Freq Offset 0 Hi
-60.0	0		-		_					_		JH
	1.1				11 January				4	- C	A	
	1 20	MHz		-		-				Ston 3	5.00 GHz	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 44 of 52

CSE Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH	
RL PF 50.9 ADC SEPRENT ALEXAND DOLLAR AND DOLLAR A	2 3 4 5 6 A A A A A
PHO:Wildo → Trig:Free Run AvgiHoid: 8/100 rvetiA IFGainLow #Atten: 10 dB Mkr1 133.78 10 dB/div Ref 8.58 dBm -70.548	
142	Center Freq 79.500 kHz
	Start Freq 9.000 kHz
-314	-37:00 dbm Stop Freq 150.000 kHz
	CF Step 14,100 kHz
.81.4	Auto Man Freq Offset
and My have may have been and a marked and a second and the second	MMM oHz
Start 9.00 kHz Stop 150.0 #Res BW 1.0 kHz #VBW 3.0 kHz* Sweep 174.0 ms (10)	00 kHz 01 pts)
 anno orranue 🔔 DC Couple Adliani Spectrum Analyzer : swept SA	
M RL 9F 2094000 Center Freq 15.075000 MHz PN0: Foxt → Trig: Free Run Avg[Heid: 8/100 Tref] F650-Int.ow #Atten: 10 40 Avg[Heid: 8/100 Tref] A	AAAAA
Ref Offset 9.68 dB Mkr1 2.687 10 dB/div Ref 8.58 dBm -62.768	MHz Auto Tune
-142	Center Freq 15.075000 MHz
-314	-20-00-00m 150.000 kHz
-314	Stop Freq 30.000000 MHz
-51.4	CF Step 2.985000 MHz
61.4 million 11	Auto Man
21 4	0 Hz
11.4 71.4 31.4 Start 150 kHz #Rees BW 10 kHz #VBW 30 kHz ⁴ Sweep 368.3 ms (10)	0 MHz 01 pts)
 Aglent Spectrum Analyzer - Swept SA	id
RL PF 50 Q AC SENSE INT ALCONAUTO 06:14:28 AM Da	C06, 2018 23456 Frequency
10 dB/div Ref 30,00 dBm - 30.360 - 30.360 - 30.360	GHz Auto Tune
20.0	Center Freq 13.015000000 GHz
	Start Freq 30.000000 MHz
	-13.00 dtam Stop Freq
	26.000000000 GHz
400 and and a second a s	4 2.597000000 GHz Auto Man
900	Freq Offset
Start 30 MHz Stop 25.0	0 GHz
#Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (10	01 pts)

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 45 of 52

1,364 1	RL	rum Analyze	50 9 A DC -	i	9	ense:init]		ALIGNAUTO	06:14:58 AN	Dec 06, 2018	Frequency
Cei	nter F	req 79.5	500 kHz	PNO: Wide -+ IFGain:Low	Trig: Fre #Atten: "	e Run 10 dB	Avg Type Avg Hold:	8/100	TYP	123456 MMMMMMM TAAAAAA	10000
10 1	dB/div	Ref Offs Ref 8.5	et 9.59 dB					м	kr1 12.6 -71.5	66 kHz 1 dBm	Auto Tune
-1.43	10.2										Center Freq
-112	10.00								-		79.500 kHz
-21 -	11.00							-			Start Freq 9.000 kHz
-31.2	4		- 41 11					1 2		-39:00 dlam	Stop Freq
-41.2	4			_	-	_		-			150.000 kHz
-61.4	4										CF Step 14.100 kHz
-61.4	4	-	_	-		-			_		<u>Auto</u> Man
-71 -	4 Win	Maill 1 at	my parm	ann unnulw	Marin	1 marine Ma	1.6. 0.0.0	1 Mr. m.A.	w Mh.m. w	WWWWWWWWWWW	Freq Offset 0 Hz
-61.4	4	. mand hult	r py	I. A	1 mar ma	M. www.thle.d	and the second	an. At t	A. a the	- A WAY A	1
Sta #R	art 9.00 es BW	kHz 1.0 kHz	1	#VBV	V 3.0 KHz	*	-	Sweep 17	Stop 15 74.0 ms (0.00 kHz 1001 pts)	
MSG				0.812.6		5			DC Cou		-
2 M/ F	RL	RF	C Swept SA	Hz	3	envae (Ini y	Avg Type Avg Hold:	ALIGNAUTO	06:15:01 AN	Dec 06, 2018	Frequency
20				PNO: Fast -+ IFGain:Low	#Atten: "	ie Run 10 dB	Avg Hold:			123456 MAAAAA 17 MHz	Auto Tune
100	dB/div	Ref Offs	et 8.68 dB 58 dBm		-				-64.4	78 dBm	1
-1.45	2	-		-	-			_	_	_	Center Freq 15.075000 MHz
415	4	_		-	-			_	_		Start Freq
-21 -	à	_	_	_		-			-		150.000 kHz
-31.2	4			-			1				Stop Fred
-41.2	4	_		_	-			-			30.000000 MHz
-61.4	4			-	-						CF Step 2.985000 MHz Auto Man
-61.4	4 . Mart	www.hl		-				-		-	
-71.4	4	TOT WILling	Auto	-					1.1		Freq Offset 0 Hz
-61.4	4		in of the port of	un anna ann an the	and introductions	varianteritetation	white white	philmindulumphi	Numerican	hippingaanaha	
Sta #R	es BW	kHz 10 kHz			V 30 kHz			Sweep 3	Stop 3	0.00 MHz	
MSG				212					LDC Cou		
8 M/ F	RL	req 13.0	C Swept SA	0 GHz	a Cooperation	envse:1017]	Avg Type Avg Hold:	ALIGNAUTO	06:15:04 AN	Dec 06, 2018 1 2 3 4 5 6 M M M M M M M	Frequency
				PNO: Fast IFGain:Low	#Atten: 4	40 dB	Avg Hold:			62 GHz	Auto Tune
186	dB/div	Ref Offs	et 7.98 dB .00 dBm	-	1				-30.5	16 dBm	
20.0	0 <u> </u>			-				_	_		Center Freq 13.015000000 GHz
10.3	0 01		_	-				_	-		Start Fred
0.0	0	_		-							30.000000 MHz
-10.0	ά	_		_	-					-1.3,00 dbin	Stop Fred
-20.0	a		_								26.00000000 GHz
	a	-	-							mor man	CF Step 2.597000000 GHz
-30.0		1.10.0	manne	and and and the second	and many many many many many		and the second	An and the second s			<u>Auto</u> Man
-30.0		merperter									
1 C.**	° maran	- en haller (Freq Offset 0 Hz
-40.0	0 0 0										

			LCH_C	
RMS	AS DO	06:15:17A	AM Dec 06, 2018 ACE 1 2 3 4 5 6 YPE MWAAAAAA DET A A A A A A	Frequency
			.564 kHz 566 dBm	Auto Tun
		-		Center Fre
				79.500 kH
				Start Free 9.000 kH
	_		-39:00 df3m	Stop Free 150.000 kH
				CF Ster
			()	14.100 kH Auto Ma
4.4	1.1		10 ⁴⁴ , мрули _{ик} 50.00 кнz	Freq Offse 0 H
Pr Win	May	htheyed	And the property of	
veep	eep 17	74.0 ms	(1001 pts)	
		DC Co		
RMS 100	AS 00	06:15:227 TEA	AM Dec 06, 2018 ACE 1 2 3 4 5 6 YPE MWAAAAAA DET A A A A A A	Frequency
		lkr1 1.8	881 MHz 355 dBm	Auto Tun
				Center Free 15.075000 MH
		_	-	Start Free
				150.000 kH
				Stop Free 30.000000 MH
				CF Ster
			1	2.985000 MH Auto Ma
_				Freq Offse
ult-Jahrahra	-Julyahral-IA	Manufaration	antificition of the state	
10.4	10.4	Stop :	30.00 MHz	
		68.3 ms	(1001 pts) oupled	
	NAUTO	06:15:25A	AM Dec 06, 2019	Frequency
100 N				100 A 10
IV	IVIK	-30.7	740 GHz 746 dBm	
		-		Center Free 13.015000000 GH
_		-		Start Free
				30.000000 MH
			-13,00 dbm	Stop Free 26.00000000 GH
	-		2	CF Ste
	_		manna	2.597000000 GH Auto Mar
-Marampa	-	and an other		
	- Listente -		-	Freq Offse
	'unamps to			Freq Offse 0 H

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 47 of 52

1.364	RL		Analyzer RF 2 79.50	D 9 A DC		1	1.8	ense:M/	Avg Typ Avg Hol	al ignauto	06:15:523 TRA	M Dec 06, 2018	Frequency
		R		8.68 dB dBm		:Wide in:Low	#Atten:	ee Run 22 dB	AvgHol		Mkr1 9.	987 kHz	Auto Tune
10, -1.4	dB/div	R	er 8.58	dBm							-02.3	30 dBm	Čenter Freq 79.500 kHz
-11													Start Freq
-21				1								-37.00 dfsm	9.000 kHz
-41		_	-				-						Stop Freq 150.000 kHz
-61	.1	1.1.1		1									CF Step 14.100 kHz Auto Man
-61 -71	Ame	Hard	man	w.Hollow	Lang								Freq Offset
-61	4			and handly	with	Maximily	manan	Ny Constantin	renandration	Mary	m Alway	mannalylan	
Sta #R	art 9.1	00 KH W 1.0	z				V 3.0 KHz		-	Sweep	Stop 1	50.00 kHz (1001 pts)	
0.004	RI		Analyzer	DOM DO		i	1 5	ense:Init/		ALIGNAUTO	105:15:58.6	M Dec 05, 2018	Frequency
Ce	nter			5000 M	IFGa	l: Fast -+ In:Low	Trig: Fri #Atten:	e Run 10 dB	Avg Typ Avg Hol	: 8/100			205.7.2.00
13		R	ef 8.58	8.59 dB dBm	-	-	-	-	1	-	-61.5	52 dBm	Center Freq
14													15.075000 MHz
-21			-		_			-					Start Freq 150.000 kHz
-31.	4												Stop Freq 30.000000 MHz
-61	4												CF Step 2.985000 MHz
-61-		when	Margaria	havyayaha	1.1								Auto Man Freq Offset
-61	4		1 Itele	an of a fair of	while	munharwith	Mar Harris	cherotationnalisma	Vialan Julia Analyill	ditud nations	Antonyopentine	whenny	0 Hz
Sta #R	art 15 es Bi	50 KH W 10	z KHz				V 30 KHZ		-		Stop :	30.00 MHz (1001 pts)	
MSO	1		Analyzer -	Swept SA	_			-			B DC Co		
1.314	RL	1 1 1	RF. E	50000	00 GH PNO IFGa	Z): Fast -+ In:Low	- Trig: Fr #Atten:	enseiniri ee Run 40 dB	Avg Typ Avg Hold	al (GN AUTO e: RMS 1: 4/100	06:16:012	M Dec 06, 2018 CE 1 2 3 4 5 6 PE M M M A A A A A	Frequency
10	dB/div	R	ef Offset ef 30.0	7.98 dB 0 dBm			Neero, Mi			M	kr2 25.	688 GHz 592 dBm	Auto Tune
230			-	1									Center Freq 13.015000000 GHz
10	Ĩ	,1											Start Freq 30.000000 MHz
												-13,00 dbin	Stop Freq
-10					_	-		-		-		2	26.00000000 GHz
-10								-	da la companya da companya				
-10	a —		-	mund		-1.Mar	hay	mercan	-	- Anna	enedition	m	CF Step 2.597000000 GHz <u>Auto</u> Man
-10 -20 -30	a a	****	and the second second	minina		-um	-	ewec	and a second	, and the second	und data	-met	CF Step 2.597000000 GHz <u>Auto</u> Man Freq Offset 0 Hz

1.3K/ F	RL	rum Analyzs RF	DO 9 AD	5-1		S	Envice : Ini Y			06:16:24 A	4 Dec 06, 2018	Erection
Cei	nter F	req 79.	500 kH	Z PI	NO: Wide Gain:Low	Trig: Fri #Atten:	e Run 10 dB	Avg Type Avg Hold	9/100	TY	E 123456 E MMMMMM ET A A A A A A	Frequency
10 -	Bidiy	Ref Off	set 8.68 d 58 dBm		oomizon.						564 kHz 01 dBm	
13	dB/div			-								Center Fred
-1.43	2											79.500 kHz
-11.2	4											Start Fred
-21 -	4											9.000 kHz
-31.4	4			-							-33.00 dBm	Stop Fred 150.000 kHz
-41.8	4											CF Step
-61 /	9											14.100 kHa Auto Mar
-61.4	4											Freq Offse
-71.4	MM	the at			1.2.22	An	1.	mar stan.			A	0 H:
-81.3	4	Kanyawa	MANN	MAN	AMAR MAR	of why	w WWW	My and lid	wwwww	Marin Warener		
Sta #Re	es BW	kHz 1.0 kHz		-	#VB	N 3.0 KHz		8	Sweep	Stop 18	i0.00 kHz 1001 pts)	
MSQ	-							_	STATU	s 🚺 DC Co	upled	
1.3K/ F	RL	req 15.	50 9 AD	C 1	1	1 9	ende:Iniy	Avg Type Avg Hold	ALIGNAUTO	06:16:29 A	M Dec 06, 2018 E 1 2 3 4 5 6 E M M M M M M M ST A A A A A A	Frequency
	inc) i			IF,	NO: Fast Gain:Low	#Atten:	te Run 10 dB	AvgHold				
10 0	B/div	Ref Offs	set 8.68 d 58 dBm	в						-63.2	86 MHz 46 dBm	Auto Fulk
-1.45	12.11		- 1111		-						(11) (1) (1)	Center Fred 15.075000 MHz
41.2	1.1			-						-		10.070000 1011
-31 -	4			_							+29-80-dBm	Start Fred 150.000 kHz
-31.2	4											
-41.2												Stop Free 30.000000 MHz
-61.4	4				1				1			CF Step
-61.4	4		111		1							2.985000 MH Auto Mar
.71.4	hubber	W. Automas	hicken a	l						1		Freq Offse
-61.4	a vinter i			methow	Mahmarina	A hadrowing		tanta a fara				0 Ha
	1.1	1.	444	221.		a an a'r dellffe	Aurona	survey every and a second	humananahari	un hurs all abrivant	Madia Incontra	
#Re	es BW	KHZ 10 KHZ			#VB	N 30 kHz			Sweep :	368.3 ms (1001 pts)	
MSO	and Connects	and Another	Contract C		_	_	_		STATU	s 🛓 DC Co	pled	
1 10 1	RI	req 13.	PR 0 4	000 0	Hz NO: Fast	Trimer		Avg Type Avg Hold	ALIGNAUTO	06:16:32 A	4 Dec 06, 2018 1 2 3 4 5 6 PE MUMANANA ST A A A A A A	Frequency
				- (15)	NO: Fast Gain:Low	#Atten:	40 dB	Avgiriou.			14 GHz	
10 c	B/div	Ref 30	set 7.98 d 0.00 dBr	n	-	-		-		-30.6	17 dBm	
240 (0		1.11	-						-	_	Center Fred 13.015000000 GHz
10.0	₀ \ ¹	-		-			_	-			_	
0.0	0	_		_								Start Fred 30.000000 MHz
-10.0	6		- 14	_				_			-13,00 dDin	Stop Fred
-20.0												26.00000000 GHz
-30.0	o	-	_	_							3	CF Step 2.597000000 GH
-40.0		-	main	And Mandress		The company of	-	- marken have		approximeter and	man	Auto Mar
-50.0	when			4.00	- Andrews						11-11-1	Freq Offse
	12.00											0 H:
-60 (0											
-60.0	urt 30 M		= 1 d	2.73	1.000				4		6.00 GHz	

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 49 of 52

6.X	RL	Spectro ter Fre	RE	50 \$	2 ALDC		1	1	servise (INI)	A	vg Type: vg Hold:	RMS	06:15:32.A	M Dec 06, 2018	Frequency
				ffset 8.		PNO: V IFGain	Wide	#Atten:	10 dB	A	vg Hold:		lkr1 15.	909 kHz	Auto Tune
2	o dB	/div	Ref	8.58 d	Bm	1	-					-	-74.1	27 dBm	Center Free
1	1.42	1										-			79.500 KH
	21.4														Start Free 9.000 kH
5	31.4					_				_				-39:00 dfwn	Stop Free 150.000 kH
	41 4 61 4														CF Step 14.100 kH
ġ	61.4		-			_			_	-		-			<u>Auto</u> Mar
	71.4 01.4	milly	with fr	MA	An who	a.N.	alon M	W. Walth	Ast not	Marth	me Au al	MARKIN	have at	MAMAAA	Freq Offse 0 H
		9.00 I BW 1	KHZ	1 1 10	(WWW			2000		WAL V	block with a	an Jan Mard	Stop 1	50.00 KHz	
	Res	BW 1	.0 KH	lz			#VBW	/ 3.0 KH	z*	_	5		74.0 ms	(1001 pts)	
124	RL	Spectro er Fre	RE	50 4	rept SA	Iz	1	l a l	sente: Ini (A	vg Type: vg Hold:		06:15:38 A	M Dec 06, 2018 CE 1 2 3 4 5 6 PE M M M M M M M ET A A A A A A	Frequency
			Ref C	ffset 8.	58 dB	PNO: I IFGain	Fast	Trig: Fi #Atten:	ree Run 10 dB	A	vg Hold:		Akr1 3.*	05 MHz	Auto Tune
	1 42	- ary										-			Center Free 15.075000 MH
	11.4		-	-			-		-			-			Start Free
	21.4		-	_	-		_				_	-		+29-80-dBm	150.000 kH
	31.4 41.4														Stop Free 30.000000 MH
1	61.4	-		-	-							-			CF Step 2.985000 MH Auto Mar
	61.4 71.4	har	y.A.	L. G.G.	1										FreqOffse
	61.4	1-4-4	14/20	aprovale!	Der William	any any	phinese the	WANNALA	16 March 18	chologener		-han Malderson	. the here was	መታቸው። 10.00 MHz	он
s	Start	150 k	Hz				(and the set		4.04.04.01.1	Concell (40)	n Koonin ata	den ber ihnde	Stop 3	0.00 MHz	
	Res	BW 1	0 KH	z			#VBN	/ 30 kHz	*		\$	weep 3	68.3 ms	(1001 pts)	
2.3	RL	Spectro er Fre	197 Fr.	50 \$	2 AL 00000	0 GHz	1		sense:Iniv	A	vg Type: vg Hold:	RMS	06:15:41 A	M Dec 06, 2018 CE 1 2 3 4 5 6 PE MMMMMM ET A A A A A A	Frequency
			Ref C	ffset 7.	98 dB	PNO: IFGain	Fast -	#Atten:	40 dB	A.	väluoia:		kr2 25.0	67 A A A A A A A A A A A A A A A A A A A	
	20.0	July		50.00		-									Center Free 13.015000000 GH
	10.0	\Diamond^1		-								_			-
	0.00	Ĩ	-			-	_								Start Free 30.000000 MH
	10.0	-	-	_	-	-	_					-		-1 3,00 dbin	Stop Free
	20.0	-	-	-					_		_	-		2	26.00000000 GH
	40.0				a altra		1.				an form	Junior	when an amount	montenante	2.597000000 GH Auto Mar
	50.0	and and a second		-		-M. Carrow	• و دو ها مان رو مان و مان							-	Freq Offse
	60.0		-		-		_		_						

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 50 of 52

B.W/ F	nt Spectri	um Analyzer	D 9 ANDC		1 98	and section of the			Ins in the A	Dec 06, 2019	1
Ce	nter Fr	eq 79.50		PNO: Wide -+ FGain:Low	Trig: Fre #Atten: 1	e Run	Avg Type Avg Hold:	9/100	TRAC	E 123456 E Minimum T A A A A A A	Frequency
10 0	B/div	Ref Offset Ref 8.58		Gametow	Price in 1	o ub			Mkr1 9.8 -72.1		
Log	11.7	1	1011							-	Center Fred
-11-2	4										79.500 kHz
-31 -	4										Start Fred 9.000 kHz
-31.4	4	1.						1		-39:00 dt¥n	Stop Fred
-41.4					-	-		_			150.000 kHz
-61 /	4	_		_							CF Step 14.100 kHz
-61.4	-					-				-	<u>Auto</u> Mar
-71.4	m			d day	1.45			5. C.	a		Freq Offset 0 Ha
-61 /	• • ¥	that the	Amountaran	Merring & Control	An Wingu	Manna	A Andraw P	al with month	upper a pril	whyphychus	
Sta #Re	rt 9.00 es BW	kHz 1.0 kHz	1	#VBV	V 3.0 KHz	*			74.0 ms (
MSD									DC Cou		
1.304 1	RL	eq 15.07	5000 MH2		The second s	nuse inin	Avg Type Avg Hold:	al IGN AUTO	06:16:13AA TRAC	Dec 06, 2018 E 1 2 3 4 5 6 E MMMMMM T A A A A A A	Frequency
			1	PNO: Fast -+ FGain:Low	#Atten: 1	io dB	Avg Hold:		Akr1 3.1	35 MHz	Auto Tune
10 0	B/div	Ref Offset Ref 8.58	dBm			-			-63.1	72 dBm	
-1.43	2	-	-								Center Fred 15.075000 MHz
-11.4	4	-				-					Start Fred
-31 -	4	-			-	-					150.000 kHz
-31.4	4										Stop Free 30.000000 MHz
-41.2	4	1									CF Step
-61.4	4	1								0.001	2.985000 MHa
-61.4	Marth	Manual	www.hulnamhyd							11-000	FreqOffse
-81.4	a Lath a	. 1.4. 55.44	when any we have the shift	Walkstation	Advantation of the				12-22-12-1	rhen di	0 Ha
			4, 1		. I. I couldkasts		carrier la vertre d'Arrente	an a			
Start 150 kHz Stop 30.00 MHz #Res BW 10 kHz #VBW 30 kHz* Sweep 368.3 ms (1001 pts) wirol <u>wirol</u> <u>wirol</u> Coupled											
Agile	nt Spectre	um Analyzer	Swept SA								1
		eq 13.01	5000000	PNO: Fast	Trig: Fre	e Run	Avg Type Avg Hold:	: RMS 4/100	TRAC TYPE DE	1 Dec 06, 2018 E 1 2 3 4 5 6 E MMMMMM T A A A A A A	Frequency
if63iniLiw #Atten:40 dB 00100 AAtten:40 dB 0010 AAtten:40 AAtten:									Auto Tune		
1.3	11.7									1	Center Fred
20 (1.								13.015000000 GH:
0.00	Ϋ́										Start Free 30.000000 MHz
-10.0						-					
-20.0										-13,00 dtain	Stop Fred 26.000000000 GHz
			-	-						2	CF Step 2.59700000 GH
-30.0		1.	1.633	1.00		man me	metre war	and and the	man	and and and	Auto Mar
-40.0	Jun	may have and	of any and a state of the state	manan	all contraction of the local division of the						
100	- Aller	- and and and		- way and a second	*******						Freq Offset 0 Ha
-40.0		- Martin Const		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 51 of 52

Addent Spectrum Analyzer - Swept SA	SENSE INTO D	35:16:39 AM Dec 06, 2018	Frequency
Center Freq 79.500 kHz PNO: Wide IFGaint.ow	Avg Type: RMS Avg Type: RMS Avg Hold: 8/100 Atten: 10 dB	10:10:30 AM Dec 06, 2018 TRACE 1 2 3 4 5 6 TYPE MWMMMM DET A A A A A A	1.2.1.1.2.1.0.1
Ref Offset 8.58 dB	Mkr	1 11.961 kHz -73.685 dBm	Auto Tune
142			Center Freq 79.500 kHz
114			79.000 812
-31.4			Start Freq 9.000 kHz
-31.4		-39:00 dism	Stop Freq
-41.4			150.000 kHz
.61 Å			CF Step 14.100 kHz
-61.4		Au	<u>uto</u> Man
-71.4 1			Freq Offset 0 Hz
101. 1 WWW. Anther Way of a war and a far of a far	and and and and a subserver and and	www.www.	
Start 9.00 kHz #Res BW 1.0 kHz #VBW	KH21 Swaar 121	Stop 150.00 kHz .0 ms (1001 pts)	
		DC Coupled	
Adlent Spectrum Analyzer - Swept SA	SENSE:INT ALIGNAUTO D	36:16:45,AM Dec 06, 2018	Frequency
Center Freq 15.075000 MHz PNO: Fast -+ IFGain:Low	Avg Type: RMS rig: Free Run Avg Held: 8/100 Atten: 10 dB	TRACE 1 2 3 4 5 6 TVPE MUMANANA DET A A A A A A	Auto Tune
Ref Offset 8.58 dB 10 dB/div Ref 8.58 dBm	Mki	r1 2.598 MHz -64.272 dBm	Auto Tune
1.42			Center Freq 15.075000 MHz
-11.4			
-31.4			Start Freq 150.000 kHz
-31.4			Stop Freq
-41.4			30.000000 MHz
-51.4			CF Step 2.985000 MHz
-61.4			<u>uto</u> Man
71. 4 address land for the many of the product of the			Freq Offset 0 Hz
-61.4	dillingua dan bartan ang salan prakta fagan salan gut	And the second and the second s	
Start 150 kHz #Res BW 10 kHz #VBW	Libration 200	Stop 30.00 MHz .3 ms (1001 pts)	
		DC Coupled	
Agilent Spectrum Analyzer - Swept SA		16:16:48.AM Dec 06, 2018	Frequency
Center Freq 13.015000000 GHz PN0: Fast -+ IFGaIn:Low	Avg Type: RMS rig: Free Run Avg Hold: 4/100 Atten: 40 dB	TRACE 1 2 3 4 5 6 TYPE MUMANY	Auto Tune
Ref Offset 7.98 dB 10 dB/div Ref 30.00 dBm		2 25.636 GHz -30.737 dBm	rate , alle
20.0		1	Center Freq 3.015000000 GHz
10.0 01			
0.00			Start Freq 30.000000 MHz
-10.0		-1 3.00 sitem	Stop Freq
-20.0			6.000000000 GHz
		2	CF Step
-30.0		A 2	2.597000000 GHz
-30.0	man man		2.597000000 GHz uto Man
	and the second s		2.597000000 GHz
.40.0			Freq Offset

This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd. Page 52 of 52