# Appendix D: Test Data for E-UTRA Band 2

# Product Name: 10.1 inch 4G Tablet Trade Mark: LOGIC, iSWAG, UNONU Test Model: T10L

**Environmental Conditions** 

Temperature:	23.5°C	
Relative Humidity:	54.2%	
ATM Pressure:	100.0 kPa	
Test Engineer:	Diamond Lu	
Supervised by:	Li Huan	

# D.1 Conducted Output Power

	Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)							
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict		
wooulation	Channel	Size	Offset	QPSK	16QAM	verdict		
	1	0	22.86	21.96	PASS			
		1	3	22.88	22.07	PASS		
		1	5	22.91	22.06	PASS		
	LCH	3	0	22.96	22.05	PASS		
		3	2	22.98	22.16	PASS		
		3	3	22.93	22.18	PASS		
		6	0	22.01	21.07	PASS		
		1	0	23.21	22.14	PASS		
		1	3	23.31	22.14	PASS		
		1	5	23.29	22.00	PASS		
QPSK / 16QAM	MCH	3	0	23.15	22.28	PASS		
IOQAIN		3	2	23.23	22.33	PASS		
		3	3	23.20	22.27	PASS		
		6	0	22.11	21.06	PASS		
		1	0	22.93	22.20	PASS		
		1	3	22.86	22.21	PASS		
		1	5	22.84	22.25	PASS		
	НСН	3	0	23.09	22.41	PASS		
		3	2	23.01	22.20	PASS		
		3	3	22.80	22.01	PASS		
		6	0	21.98	20.92	PASS		

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	Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)							
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict		
Modulation	Channel	Size	Offset	QPSK	16QAM	verdict		
	1	0	23.15	22.49	PASS			
		1	7	23.28	22.64	PASS		
		1	14	23.10	22.53	PASS		
	LCH	8	0	21.95	21.11	PASS		
		8	4	21.97	21.13	PASS		
		8	7	21.89	21.03	PASS		
		15	0	22.03	21.20	PASS		
		1	0	23.14	22.67	PASS		
		1	7	23.15	22.86	PASS		
QPSK /		1	14	23.03	22.39	PASS		
16QAM	MCH	8	0	22.17	21.52	PASS		
TOQAIN		8	4	22.19	21.55	PASS		
		8	7	22.05	21.23	PASS		
		15	0	22.04	21.14	PASS		
		1	0	23.14	22.55	PASS		
		1	7	22.98	22.38	PASS		
		1	14	22.47	21.86	PASS		
	НСН	8	0	22.07	21.43	PASS		
		8	4	21.96	21.19	PASS		
		8	7	21.85	20.80	PASS		
		15	0	22.05	21.07	PASS		

	Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)								
Modulation	Modulation Channel		figuration	Average Power [dBm]	Average Power [dBm]	Verdict			
wouldtion	Channel	Size	Offset	QPSK	16QAM	Verdict			
		1	0	22.94	22.39	PASS			
		1	12	23.14	22.39	PASS			
		1	24	22.80	22.04	PASS			
	LCH	12	0	21.99	21.20	PASS			
		12	6	22.07	21.18	PASS			
		12	13	21.94	21.15	PASS			
		25	0	22.05	21.19	PASS			
		1	0	22.96	22.43	PASS			
		1	12	23.11	22.56	PASS			
QPSK /		1	24	22.94	22.32	PASS			
16QAM	MCH	12	0	22.15	21.28	PASS			
TOQAIM		12	6	22.17	21.27	PASS			
		12	13	22.10	21.22	PASS			
		25	0	22.10	21.32	PASS			
		1	0	22.82	22.10	PASS			
		1	12	23.15	22.41	PASS			
		1	24	22.45	21.88	PASS			
	HCH	12	0	22.00	21.13	PASS			
		12	6	22.09	21.24	PASS			
		12	13	21.84	21.04	PASS			
		25	0	22.01	21.05	PASS			

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	Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)								
Modulation	Channel		figuration	Average Power [dBm]	Average Power [dBm]	Verdict			
		Size	Offset	QPSK	16QAM				
		1	0	23.05	22.75	PASS			
		1	24	23.39	22.96	PASS			
		1	49	22.61	21.99	PASS			
	LCH	25	0	22.05	21.32	PASS			
		25	12	22.13	21.34	PASS			
		25	25	22.07	21.10	PASS			
		50	0	22.05	21.15	PASS			
		1	0	22.44	21.85	PASS			
		1	24	24.18	23.58	PASS			
QPSK /		1	49	22.99	22.23	PASS			
16QAM	MCH	25	0	22.20	21.20	PASS			
TOQAIN		25	12	22.32	21.39	PASS			
		25	25	22.07	21.08	PASS			
		50	0	22.16	21.28	PASS			
		1	0	20.98	20.48	PASS			
		1	24	22.99	22.49	PASS			
		1	49	21.74	21.28	PASS			
	HCH	25	0	21.92	21.03	PASS			
		25	12	22.85	21.93	PASS			
		25	25	22.04	21.09	PASS			
		50	0	21.98	21.14	PASS			

	Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)							
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict		
wouldtion	Channel	Size	Offset	QPSK	16QAM	Verdict		
		1	0	23.05	22.93	PASS		
		1	37	23.45	22.91	PASS		
		1	74	22.05	21.45	PASS		
	LCH	37	0	22.10	21.29	PASS		
		37	18	22.14	21.34	PASS		
		37	38	22.11	21.27	PASS		
		75	0	22.20	21.31	PASS		
		1	0	21.91	21.26	PASS		
		1	37	23.96	23.34	PASS		
QPSK /		1	74	23.02	22.73	PASS		
16QAM	MCH	37	0	22.29	21.20	PASS		
TOQAIM		37	18	22.29	21.34	PASS		
		37	38	22.18	21.18	PASS		
		75	0	22.21	21.27	PASS		
		1	0	21.20	20.61	PASS		
		1	37	21.92	21.30	PASS		
		1	74	21.27	20.74	PASS		
	НСН	37	0	21.27	20.37	PASS		
		37	18	21.89	20.98	PASS		
		37	38	22.41	21.51	PASS		
		75	0	21.84	21.03	PASS		

		Conducted	Output Pow	ver Test Result (Channel Band	width: 20 MHz)	
Madulation		RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Vordict
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict
	1	0	23.09	21.94	PASS	
		1	49	23.23	22.16	PASS
		1	99	21.55	20.75	PASS
	LCH	50	0	22.25	21.40	PASS
		50	25	22.33	21.49	PASS
		50	50	22.19	21.31	PASS
		100	0	22.20	21.22	PASS
		1	0	21.55	20.70	PASS
		1	49	24.00	22.80	PASS
QPSK /		1	99	22.84	21.15	PASS
16QAM	MCH	50	0	22.28	21.28	PASS
TOQAIM		50	25	22.37	21.52	PASS
		50	50	22.20	21.28	PASS
		100	0	22.27	21.28	PASS
		1	0	22.57	21.84	PASS
		1	49	21.58	20.96	PASS
		1	99	21.39	20.85	PASS
	HCH	50	0	21.86	20.99	PASS
		50	25	21.65	20.78	PASS
		50	50	21.99	21.15	PASS
		100	0	21.89	20.99	PASS

## D.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]	[dB]	Verdict				
	LCH	4.98	<13	PASS				
QPSK	MCH	5.21	<13	PASS				
	HCH	4.99	<13	PASS				
	LCH	5.81	<13	PASS				
16QAM	MCH	5.99	<13	PASS				
	НСН	5.89	<13	PASS				

	Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)							
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict				
	LCH	5.09	<13	PASS				
QPSK	MCH	5.21	<13	PASS				
	HCH	5.1	<13	PASS				
	LCH	5.97	<13	PASS				
16QAM	MCH	6.11	<13	PASS				
	HCH	5.89	<13	PASS				

	Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channer	[dB]	[dB]	Verdict				
	LCH	5.08	<13	PASS				
QPSK	MCH	5.23	<13	PASS				
	HCH	5.04	<13	PASS				
	LCH	5.84	<13	PASS				
16QAM	MCH	6.03	<13	PASS				
	НСН	5.87	<13	PASS				

	Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Ghannei	[dB]	[dB]	Verdict				
	LCH	5.12	<13	PASS				
QPSK	MCH	5.11	<13	PASS				
	НСН	5.01	<13	PASS				
	LCH	5.9	<13	PASS				
16QAM	MCH	5.91	<13	PASS				
	НСН	5.91	<13	PASS				

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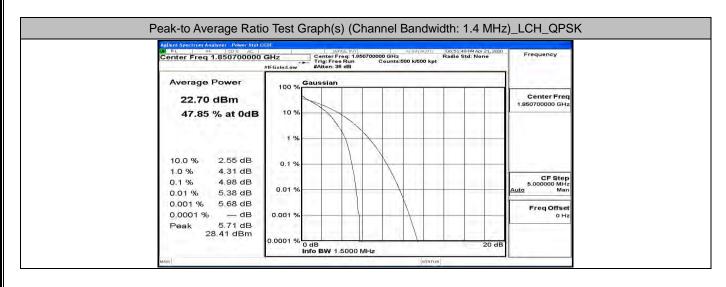
	Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channer	[dB]	[dB]	Verdici				
	LCH	4.92	<13	PASS				
QPSK	MCH	4.91	<13	PASS				
	HCH	5.12	<13	PASS				
	LCH	6.16	<13	PASS				
16QAM	MCH	6.16	<13	PASS				
	НСН	6.47	<13	PASS				

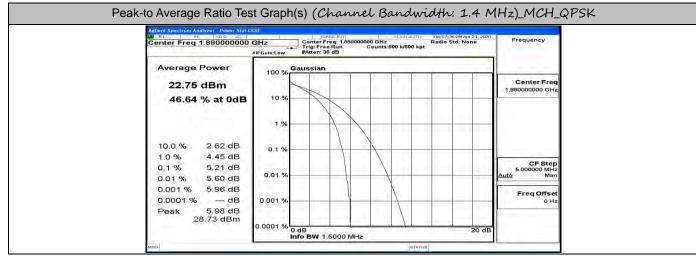
	Peak-to Average Rat	tio Test Result (Channel	Bandwidth: 20 MHz)	
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict
wouldton	Channel	[dB]	[dB]	Verdict
	LCH	5.74	<13	PASS
QPSK	MCH	5.67	<13	PASS
	НСН	5.82	<13	PASS
	LCH	6.75	<13	PASS
16QAM	MCH	6.81	<13	PASS
	НСН	6.75	<13	PASS

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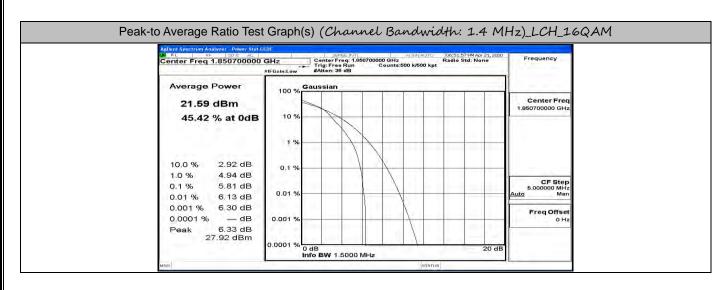


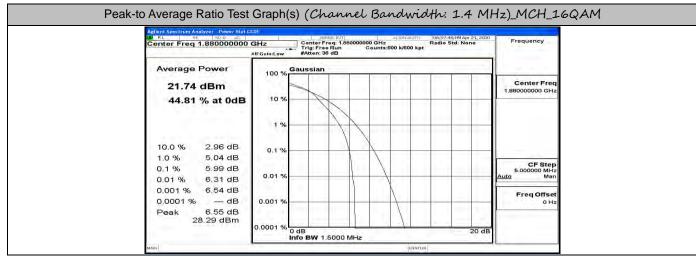
RL RF 50 Ω' AC	SENSE:INT A	ISNAUTO 07:07:404MApr 21, 2020	1
Center Freq 1.90930000		Radio Std: None	Frequency
- Augusta and a second second	#IFGain:Low #Atten: 36 db		T I
Average Power	100 % Gaussian		
22.51 dBm			Center Freq 1,909300000 GHz
47.00 % at 0dE	3 10 %		
	1 %	1 In	
Second Secondary	*		
10.0 % 2.60 dB	0.1 %		
1.0 % 4.35 dB			CF Step
0.1 % 4.99 dB 0.01 % 5.28 dB	0.01 %		5.000000 MHz Auto Man
0.001 % 5.52 dB			
0.0001 % — dB	0.001 %		Freq Offset 0 Hz
Peak 5.61 dB			
28.12 dBm	0.0001 % 0 dB	20 dB	
and the second sec	Info BW 1.5000 MHz	20 08	

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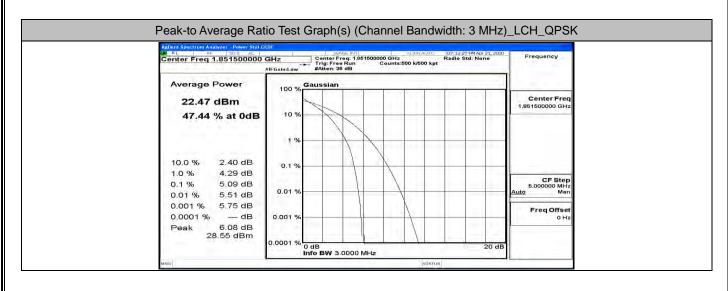


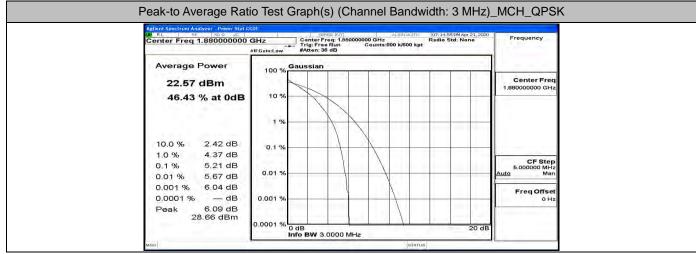
Frequency Center Freq 909300000 GHz
CF Step 5.000000 MHz 2 Man
Freq Offset 0 Hz
2

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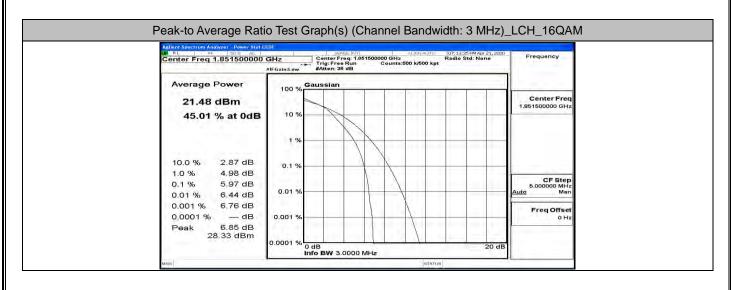


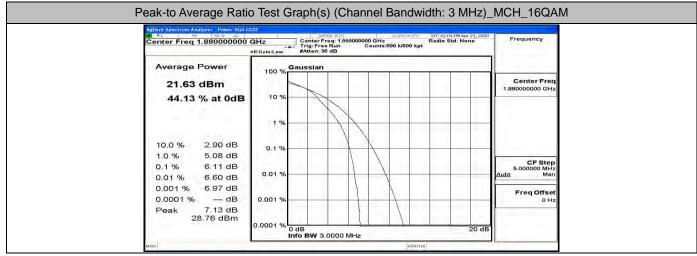
Center Freq 1.908500000 GHz         Center Freq 1.908500000 GHz         Radio Std: None           Average Power         22.44 dBm         100 %         Gaussian         Center Freq 1.90850000 GHz         Center Freq 1.90850000 GHz         Center Freq 1.90850000 GHz         Frequency           100 %         Gaussian         Center Freq 1.90850000 GHz         Center Freq 1.90850000 GHz         Center Freq 1.90850000 GHz         Center Freq 1.90850000 GHz         Center Freq 1.908500000 GHz           100 %         Gaussian         0.00 %         Center Freq 1.908500000 GHz         Center Freq 1.908500000 GHz         Center Freq 1.908500000 GHz           100 %         Gaussian         0.01 %         0.1 %         Center Freq 1.908500000 GHz         Center Freq 1.908500000 GHz           10.0 %         2.44 dB         0.1 %         0.1 %         0.01 %         CF Step 5.000000 GHz           0.01 %         5.55 dB         0.01 %         0.001 %         Freq Offset 0.44           0.001 %	glient Spectrum Analyzer - Power Stat G	cor	SEM	-10171		ALIGNAUTO	107/16:34	PM Apr 21, 2020	1
22.44 dBm         100 %         Center Freq 1.909500000 GHz           46.29 % at 0dB         10 %         10 %           10.0 %         2.44 dB         10 %           1 %         1 %         1 %           10.0 %         2.44 dB         0.1 %           1.0 %         4.31 dB         0.1 %           0.1 %         5.10 dB         0.01 %           0.001 %         5.55 dB         0.01 %           0.001 %         5.74 dB         0.001 %           0.001 %         - dB         0.001 %	Center Freq 1.908500000		Center Fre	q: 1.908500 Run	000 GHz		Radio St	d: None	Frequency
22.44 dBm         Center Freq           46.29 % at 0dB         10 %           10.0 %         2.44 dB           10%         1 %           10.0 %         2.44 dB           0.1 %         0.1 %           0.1 %         0.1 %           0.01 %         5.55 dB           0.001 %         5.74 dB           0.001 %         0.001 %           Peak         5.91 dB	Average Power	100 %	aussian						
10.0 %     2.44 dB       1.0 %     4.31 dB       0.1 %     5.10 dB       0.01 %     5.55 dB       0.001 %     5.74 dB       0.001 %     - dB       0.001 %     - dB       0.001 %     - dB	22.44 dBm		4				1		
10.0 %         2.44 dB         0.1 %           1.0 %         4.31 dB         0.1 %           0.1 %         5.10 dB         0.01 %           0.01 %         5.55 dB         0.01 %           0.001 %         5.74 dB         0.001 %           0.001 %         5.91 dB         0.001 %	46.29 % at 0dB	10 %	$\square$						
10.0 %         2.44 dB         0.1 %           1.0 %         4.31 dB         0.1 %           0.1 %         5.10 dB         0.01 %           0.01 %         5.55 dB         0.01 %           0.001 %         5.74 dB         0.001 %           0.001 %         - dB         0.001 %           Peak         5.91 dB         0.001 %	1.04.003	1 %		$\backslash $			_	_	
1.0 %         4.31 dB         CF Step           0.1 %         5.10 dB         0.01 %         5.00000 Miz           0.01 %         5.55 dB         0.01 %         Auto         Man           0.001 %         5.74 dB         0.001 %         Freq Offset         0 Hz           Peak         5.91 dB         0.001 %         0 Hz         0 Hz	A CONTRACTOR OF	0.1%							
0.11% 5.10 dB 0.01% 5.55 dB 0.01% Auto Mar 0.001% 5.75 dB 0.01% Freq Offset 0.0001% - dB 0.001% 0 Hz	1.0 % 4.31 dB	9.1 78				1.1	1.1		
0,0001 % dB 0.001 % 0Hz 0Hz		0.01 %					-		5.000000 MHz
Peak 5.91 dB						$\backslash$			Freq Offset
		0.001 %				$\uparrow$	_		0 Hz
0.0001 % 0 dB 20 dB	29.25 dBm	1.010							

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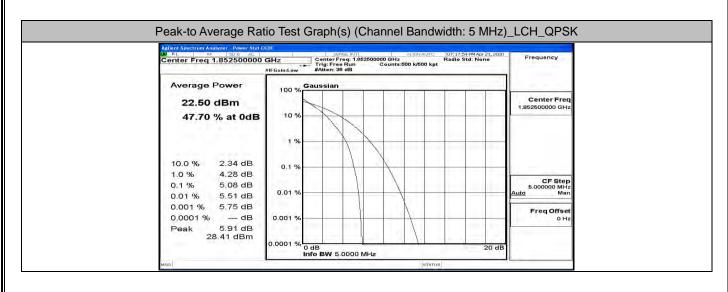


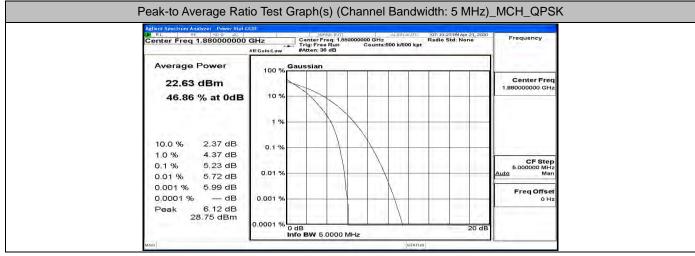
Agilent Spectrum Analyzer - Power Stat	SENSE:INT ALIGN AL		
Center Freq 1.908500000	Trig: Free Run Counts:500 k/500	Radio Std: None kpt	Frequency
The second second	#IFGain:Low #Atten: 36 dB		
Average Power	100 % Gaussian		
21.68 dBm			Center Freq 1.908500000 GHz
44.23 % at 0dB	10 %		1,0000000 312
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1			
	1 %		
10.0 % 2.91 dB	0.1 %		
1.0 % 4.97 dB			CF Step
0.1 % 5.89 dB	0.01 %		5.000000 MHz Auto Man
0.01 % 6.29 dB			Line in a
0.001 % 6.61 dB 0.0001 % dB	0.001 %		Freq Offset 0 Hz
the second se			5 12
29.45 dBm		1.1	
Peak 6.77 dB	0.0001 % 0 dB	20 dB	UHZ

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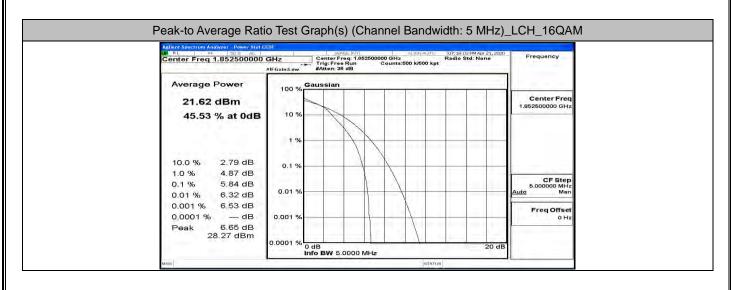


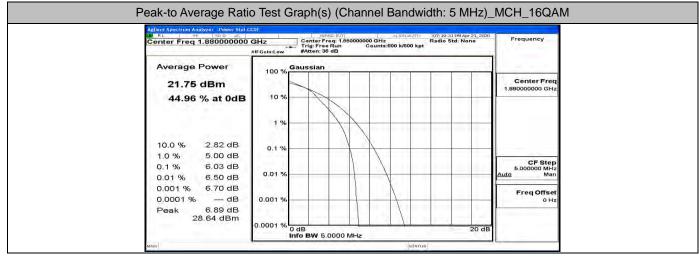
Agilent Spectrum Analyzer - Power Stat C		USE:INT	ALIGNAUTO 07:25:08	PM Apr 21, 2020	
Center Freq 1.907500000		eq: 1.907500000 GHz Run Counts:	Radio St	td: None	Frequency
Average Power	Gaussian			-1	
22.43 dBm	100 %				Center Freq 1.907500000 GHz
47.37 % at 0dB	1 %				
	70				
10.0 % 2.35 dB 1.0 % 4.28 dB	0.1 %				
0.1 % 5.04 dB 0.01 % 5.37 dB	0.01 %				CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % 5.67 dB 0.0001 % dB	0.001 %			_	Freq Offset 0 Hz
Peak 5.79 dB 28.22 dBm	0.0001 % 0 dB			_	

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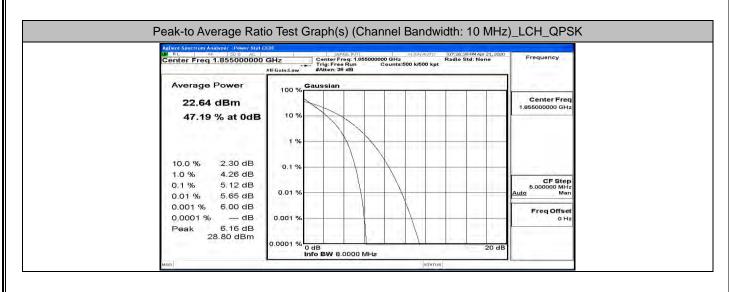


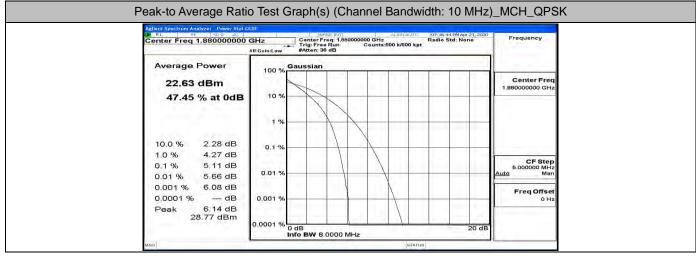
Center Freq 1.907500000 GHz         Center Freq 1.907500000 GHz         Prequency           Average Power         21.60 dBm         100 %         Gaussian         100 %         Center Freq 1.907500000 GHz         1.907500000 GHz         1.907500000 GHz         Center Freq 1.907500000 GHz         1.907500000 Hz         1.907	Agilent Spectrum Analyzer - Power Stat CE	SENSE:INT ALIGN	UTO 07:25:16 PM Apr 21, 2020	-
Average Power         21,60 dBm         Gaussian         Center Freq           45.15 % at 0dB         10 %         10 %         10 %         10 %           10.0 %         2.84 dB         0.1 %         10 %         10 %         10 %           10.0 %         2.84 dB         0.1 %         0.1 %         0.1 %         0.1 %         0.1 %           0.01 %         6.30 dB         0.01 %         0.01 %         0.01 %         0.01 %         0.01 %           0.001 %         - dB         0.001 %         0.001 %         - dB         0.001 %         - dB		Trig: Free Run Counts:500 k/50	Radio Std: None 10 kpt	Frequency
21.60 dBm       100 %       Center Freq         45.15 % at 0dB       10 %       10 %         10.0 %       2.84 dB       10 %         10.0 %       2.84 dB       0.1 %         10.0 %       5.87 dB       0.1 %         0.1 %       5.87 dB       0.01 %         0.01 %       6.30 dB       0.01 %         0.001 %       6.50 dB       0.001 %         0.001 %       0.001 %       0.001 %	and the second second second	All-GainsLow Watten, 36 db		
21.60 dBm       10%         45.15 % at 0dB       10%         10.0 % 2.84 dB       10%         1.0 % 4.92 dB       0.1 %         0.1 % 5.87 dB       0.1 %         0.01 % 6.30 dB       0.01 %         0.001 % 6.50 dB       0.001 %         Peak 6.57 dB       0.001 %	Average Power	100 % Gaussian		
45.15 % at 0dB       10 %         10.0 %       2.84 dB         1.0 %       4.92 dB         0.1 %       0.1 %         0.01 %       6.30 dB         0.01 %       6.50 dB         0.001 %       0.001 %         Peak       6.57 dB	21.60 dBm			
10.0 %     2.84 dB       1.0 %     4.92 dB       0.1 %     5.87 dB       0.01 %     6.80 dB       0.001 %     6.50 dB       0.000 %     - dB       0.001 %     6.57 dB	45.15 % at 0dB	10 %		
10.0 %     2.84 dB     0.1 %     CF Step       1.0 %     4.92 dB     0.1 %     5.00000 MHz       0.1 %     5.87 dB     0.01 %     5.00000 MHz       0.01 %     6.50 dB     0.01 %     Freq Offset       0.001 %     - dB     0.001 %     Hz	0.002.0012.0012.0012.001			
10.0 %     2.84 dB     0.1 %       1.0 %     4.92 dB     0.1 %       0.1 %     5.87 dB     0.01 %       0.01 %     6.30 dB     0.01 %       0.001 %     6.50 dB     0.001 %       0.0001 %     - dB     0.001 %       Peak     6.57 dB     0.001 %		1 %		
1.0 %     4.92 dB     0.1 %     0.1 %       0.1 %     5.87 dB     0.01 %     0.01 %       0.01 %     6.30 dB     0.01 %     0.01 %       0.001 %     6.50 dB     0.001 %     Freq Offset       0.000 %	the second se			
0.1 % 5.87 dB 0.01 % 6.30 dB 0.001 % 6.50 dB 0.001 % - dB 0.0000 % - dB 0.0000 %		0.1 %		
0.01 % 6,30 dB 0.01 % Auto Man 0.001 % 6,50 dB 0.0001 % dB 0.001 % Freq Offset 0.0001 % 0.01 % 0.001 %				CF Step
0.001 % 6.50 dB 0.0001 % — dB 0.001 %		0.01 %		
0.0001 % — dB 0.001 % онг Реак 6.57 dB				Frag Offert
	0.0001 % dB	0.001 %		
	Peak 6.57 dB 28.17 dBm			

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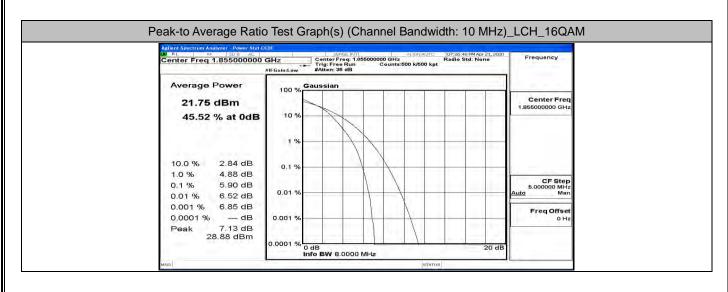


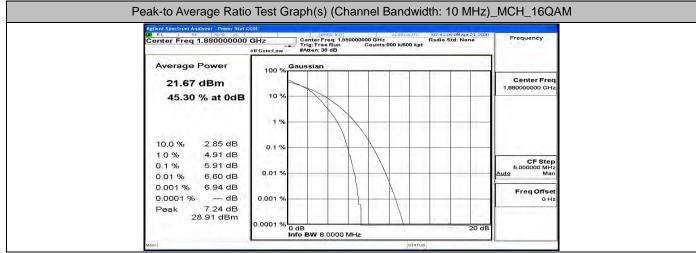
Average Power 22.47 dBm 22.47 dBm	Center Freq
22.47 dBm	
22.47 dBm	
48.10 % at 0dB 10 %	Self-charge for the self for
1 %	
10.0 % 2.31 dB 0.1 %	
1.0 % 4.22 dB 0.1 % 5.01 dB 0.01 % 5.55 dB 0.01 %	CF Step 5.000000 MHz 0 Man
0.001% 5.89 dB 0.0001%	Freq Offset
Peak         6.02 dB         0.001 %           28.49 dBm         0.0001 %         0 dB         20 dB	UHZ

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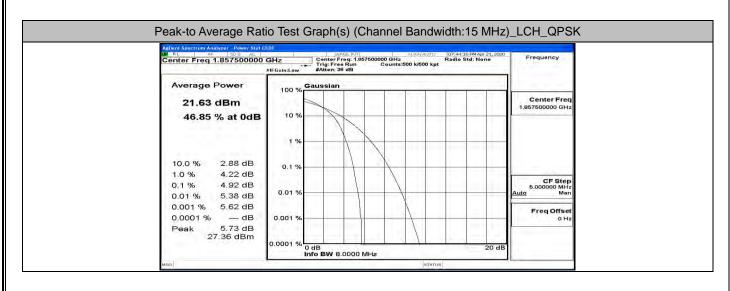


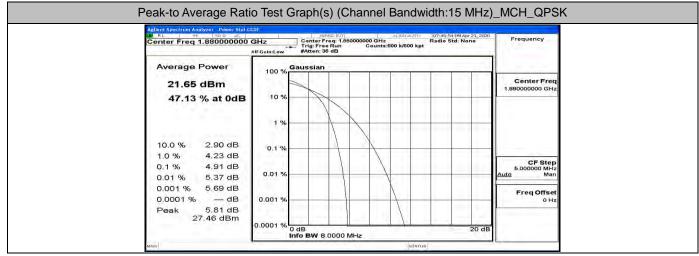
Trig: Free Run	05000000 GHz Ra	dio Std: None	Frequency
#IFGain:Low #Atten: 36 dB	Counts:500 k/500 kpt		
100 % Gaussian			
			Center Freq 1.905000000 GHz
10 %			
1 %			
0.1 %			
0.01 %			CF Step 5.000000 MHz <u>Auto</u> Man
			Freq Offset
0.001 %			0 Hz
1. C. S			
	10 % 10 % 1 %	100 % 10 % 1 % 0.1 % 0.001 %	100 % 10 % 1 % 0.1 % 0.01 % 0.001 %

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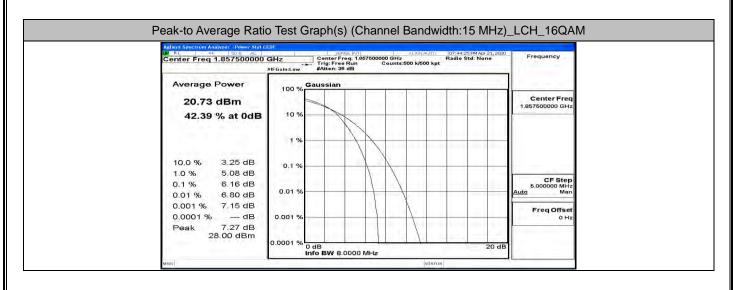


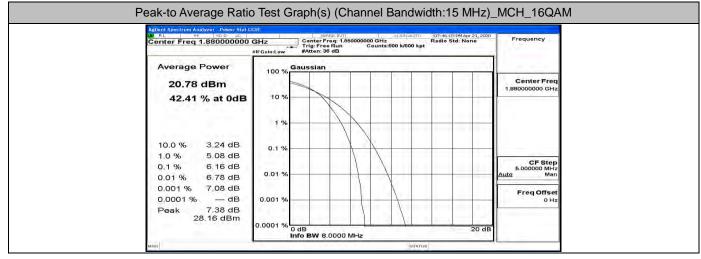
Average Power 100 % Caussian 100 % C	equency
Average Power 21.09 dBm	
21.09 dBm	
	enter Freq 2500000 GHz
40.04 % at 00B	
10.0 % 2.98 dB	
1.0 % 4.41 dB	
	CF Step 000000 MHz Man
0.0001 % dB 0.001 %	Freq Offset 0 Hz
Peak 6.03 dB 27.12 dBm 0.0001 % 0 dB 20 dB	

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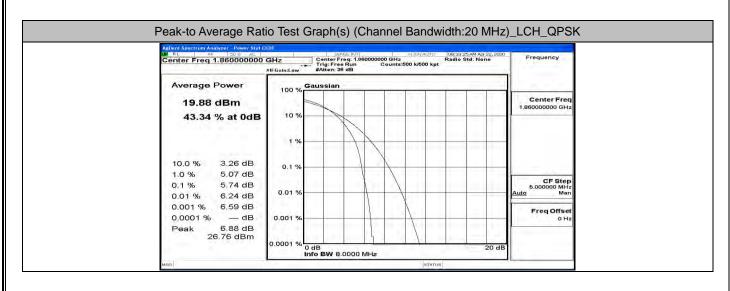


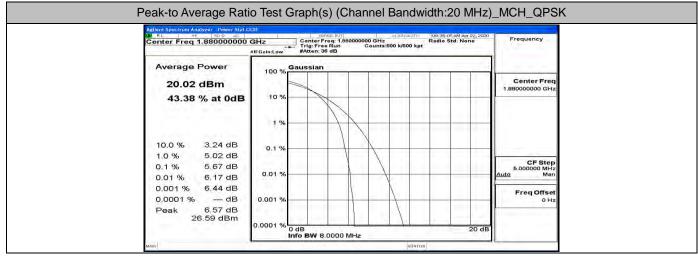
Agilent Spectrum Analyzer - Power Stat I	SENSE INT	ISNAUTO 07:47:461M Apr 21, 2020	
Center Freq 1.902500000		Radio Std: None	Frequency
Average Power	Gaussian		1
20.10 dBm	100 % Gaussian		Center Freq 1,902500000 GHz
42.14 % at 0dB	1 %		
10.0 % 3.40 dB	0.1 %		
1.0 % 5.30 dB 0.1 % 6.47 dB 0.01 % 7.14 dB	0.01 %		CF Step 5.000000 MHz Auto Man
0.001 % 7.58 dB 0.0001 % dB	0.001 %		Freq Offset 0 Hz
Peak 7.77 dB 27.87 dBm	0.0001 % 0 dB	20 dB	

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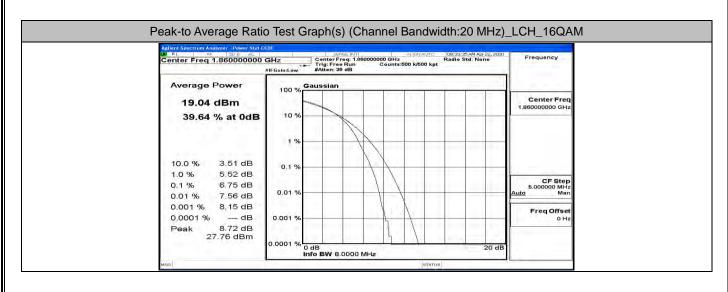


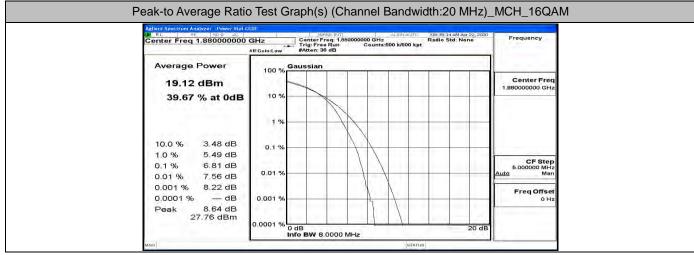
RL RF SDQ AC	ICD1	SENSE:INT		ALIGNAUTO	108:36:42 AM Apr 22, 2	1. 00
Center Freq 1.900000000		Center Freq: 1.9 Trig: Free Run #Atten: 36 dB	00000000 GH	500 k/500 kp	Radio Std: None	Frequency
Average Power	100 % Ga	ussian		-		
19.27 dBm						Center Fred 1,900000000 GH:
43.14 % at 0dB		1			1	
	1 %		$\backslash$			
10.0 % 3.24 dB 1.0 % 5.07 dB	0.1 %		$\downarrow$			
0.1 % 5.82 dB 0.01 % 6.39 dB	0.01 %	History				CF Step 5.000000 MH Auto Mar
0.001 % 6.64 dB 0.0001 % dB	0.001 %					Freq Offse
Peak 6.82 dB 26.09 dBm	0.0001.00					
	0.0001 % 0 d	B BW 8.0000	MHz		20	1B

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LW RL RF SDQ AC	CCDF SENSE IN	ALIENAUTO	08:36:51 AM Apr 22, 2020	Frequency		
Center Freq 1.90000000	Trig: Free Run Counts:500 k/500 kpt					
A DOLLAR STATE	#IFGain:Low #Atten: 36 dB					
Average Power	100 % Gaussian		1			
18.31 dBm				Center Freq 1,90000000 GHz		
39.44 % at 0dB	10 %			1,90000000 GHz		
	1 %					
and the second second		X				
10.0 % 3.46 dB	0.1 %					
1.0 % 5.52 dB				CF Step		
0.1 % 6.75 dB	0.01 %			5.000000 MHz Auto Man		
0.01 % 7.53 dB 0.001 % 8.39 dB		N X				
0.0001 % dB	0.001 %			Freq Offset 0 Hz		
Peak 8.66 dB	0.001 //		1	0.112		
26.97 dBm	0.0001.00					
	0.0001 % 0 dB Info BW 8.000	0 MHz	20 dB			
	Info BW 8.000	0 MHz				

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## D.3 26dB Bandwidth and Occupied Bandwidth

	EBW & OBW Te	est Result (Channel Band	width: 1.4 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
MODULATION	Channel	(MHz)	(MHz)	Verdict
	LCH	1.0764	1.228	PASS
QPSK	MCH	1.0770	1.236	PASS
	НСН	1.0772	1.229	PASS
	LCH	1.0812	1.246	PASS
16QAM	MCH	1.0784	1.228	PASS
	НСН	1.0829	1.248	PASS

	EBW & OBW T	est Result (Channel Ban	dwidth: 3 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldtion	Channel	(MHz)	(MHz)	Verdict
	LCH	2.6821	2.890	PASS
QPSK	MCH	2.6820	2.900	PASS
	НСН	2.6802	2.898	PASS
	LCH	2.6782	2.890	PASS
16QAM	MCH	2.6839	2.902	PASS
	НСН	2.6840	2.890	PASS

	EBW & OBW T	est Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
	LCH	4.4683	4.769	PASS
QPSK	MCH	4.4818	4.781	PASS
	HCH	4.4632	4.793	PASS
	LCH	4.4787	4.789	PASS
16QAM	MCH	4.4708	4.835	PASS
	HCH	4.4748	4.845	PASS

	EBW & OBW Te	est Result (Channel Band	dwidth: 10 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Channel	(MHz)	(MHz)	verdict
	LCH	8.9388	9.451	PASS
QPSK	MCH	8.9166	9.426	PASS
	НСН	8.9105	9.385	PASS
	LCH	8.9244	9.430	PASS
16QAM	MCH	8.9121	9.378	PASS
	НСН	8.9140	9.351	PASS

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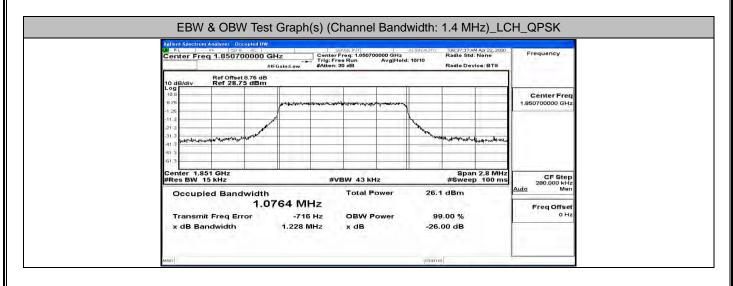
	EBW & OBW Te	est Result (Channel Band	lwidth: 15 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Wouldton	Channel	(MHz)	(MHz)	Verdict
	LCH	13.363	13.96	PASS
QPSK	MCH	13.352	14.05	PASS
	НСН	13.369	13.99	PASS
	LCH	13.386	13.99	PASS
16QAM	MCH	13.358	13.95	PASS
	НСН	13.370	14.01	PASS

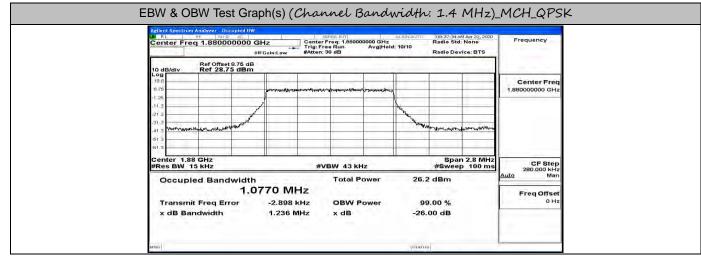
	EBW & OBW Te	est Result (Channel Band	lwidth: 20 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
MODUIATION	Channel	(MHz)	(MHz)	Verdici
	LCH	17.819	18.58	PASS
QPSK	MCH	17.810	18.59	PASS
	НСН	17.868	18.62	PASS
	LCH	17.841	18.56	PASS
16QAM	MCH	17.787	18.54	PASS
	НСН	17.844	18.68	PASS

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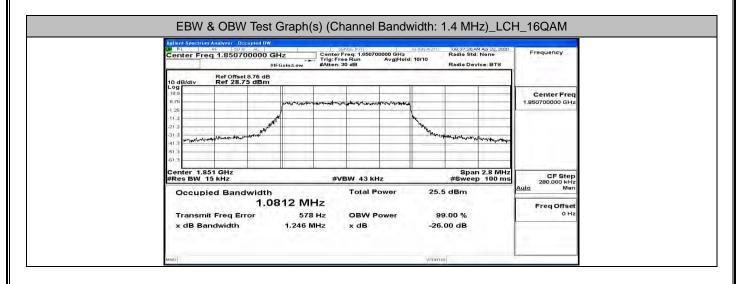


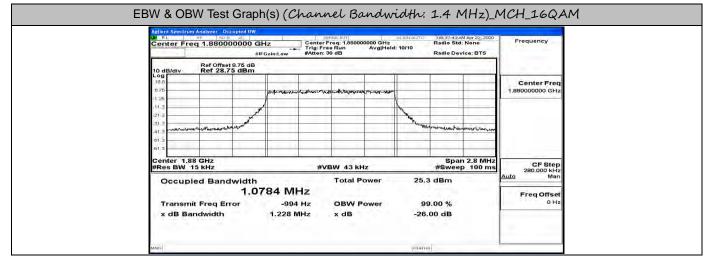
RL RF SD Q AT	W	SENSE:INT	ALIGNAUTO	08:42:21 AM Apr 22, 2020	1
Center Freq 1.909300000	GHz Cen	ter Freq: 1.909300000 GH:	Id: 10/10	Radio Std: None Radio Device: BTS	Frequency
10 dB/div Ref 28.75 dBn	B				
188 875	and the second second		~		Center Fred 1.909300000 GH:
-1.25			hn		A A A A A A A A A A A A A A A A A A A
-21.3 -31.3	<i>*</i>		Mar Marca		
11 3 Burnaulaun Januar Martine Partie				Mulunitrisendrange daget and origina	
Center 1.909 GHz				Span 2.8 MHz	CF Step
#Res BW 15 kHz Occupied Bandwidt		#VBW 43 kHz Total Power	26.0	#Sweep 100 ms ) dBm	280.000 kHz Auto Man
1. 1. 1	0772 MHz			0.00 1/	Freq Offset
Transmit Freq Error x dB Bandwidth	-1.786 kHz 1.229 MHz	OBW Power x dB		9.00 % 00 dB	

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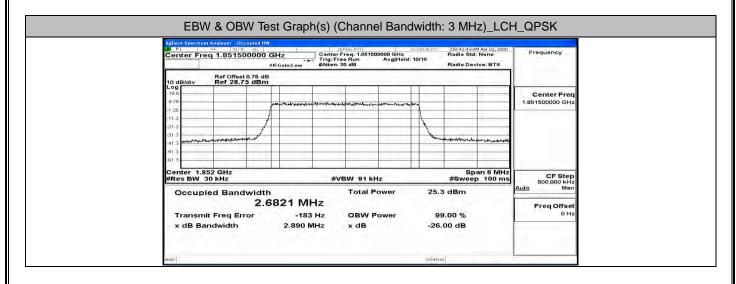


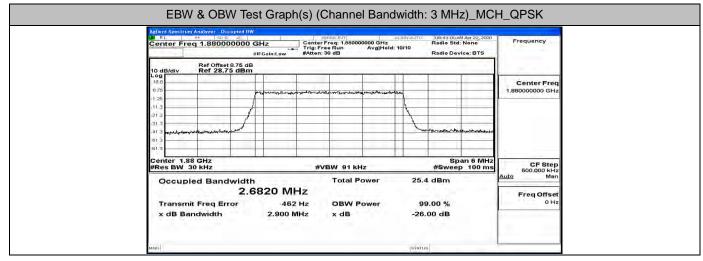
Agilent Spectrum Analyzer - Decupied D		SENSE:INT	ALIGNAUTO	108:42:30 AM	4 Apr 22, 2020	Frequency
Center Freq 1.909300000 GHz #IFGain:Low #Atten: 30 dB Center Freq 1.909300000 GHz #Atten: 30 dB Atten: 30 dB Radio Device: BTS						
10 dB/div Ref 28.75 dBn			-			
18.8 8.75	- matrice from an an	6				Center Freq 1,909300000 GHz
-1.26	1		1			
213 313	nove		where the test			
-31.3 -41.3 Winnerlaugentermentermetermeter -51.3				an manhanian	Vet-villinganitaspa	
Center 1.909 GHz				Chan	2.8 MHz	
#Res BW 15 kHz	#	VBW 43 kHz			2.8 MHZ	CF Step 280.000 kHz Auto Man
Occupied Bandwidt	h 0829 MHz	Total Power	25.3	3 dBm		
Transmit Freq Error	-1.854 kHz	OBW Power	9	9.00 %		Freq Offset 0 Hz
x dB Bandwidth	1.248 MHz	x dB	-26	.00 dB		

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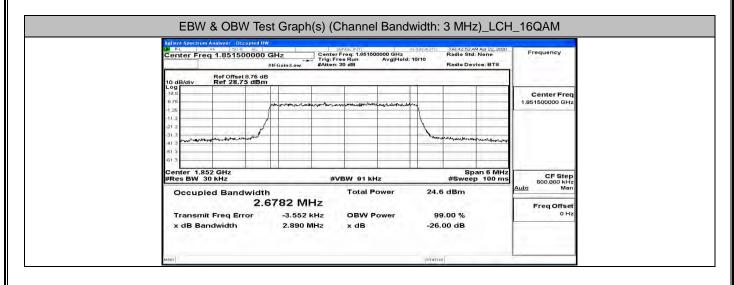


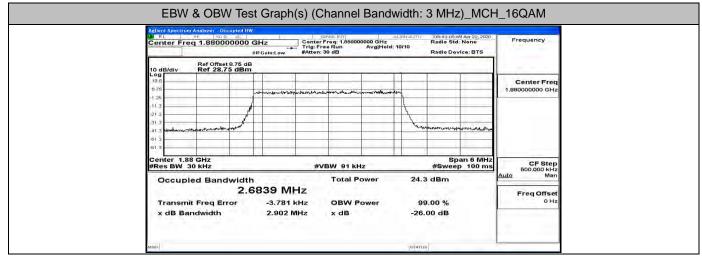
Center Freg 1.90850000			q: 1.908500000 GH Run Avg H	ALIGNAL 2 51d: 10/10	Radio St	AM Apr 22, 2020 d: None svice: BTS	Frequency
10 dB/div Ref Offset 8.75 dB							
Log 18.8 8.75	warman	et a bay ar aging that have	the Bernelin and the set of the s	Instant	_		Center Freq 1.908500000 GHz
125 11.3 21.3 31.3 41.3 Harrison market and and 51.3	4			1	Sections	a attantion of the second	
61.3 Center 1.909 GHz #Res BW 30 kHz		#VBV	V 91 kHz			pan 6 MHz p 100 ms	CF Step 500.000 kHz
Occupied Bandwid	<sup>th</sup> .6802 MI		Total Power	4	25.2 dBm		Auto Man
Z Transmit Freq Error	-5, 199 1		OBW Power		99.00 %		Freq Offset 0 Hz

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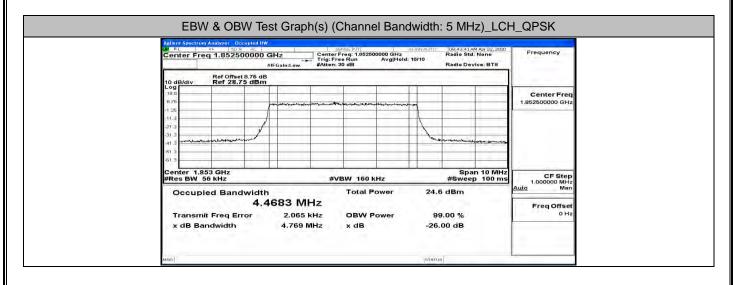


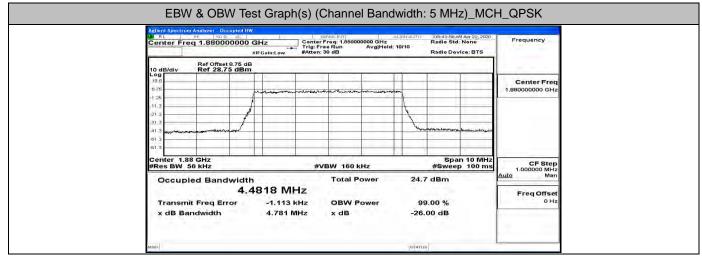
Agilent Spectrum Analyzer Occupied I	Contraction of the second		SE:INT		GNAUTO		Apr 22, 2020	Frequency
Center Freq 1.90850000	#IFGain:Low		eq: 1.908500000 Run A dB	vg Hold: 10	010	Radio Std: Radio Devi		
Ref Offset 8.75 d				_	_			
188	Jaylana	~,1.94.~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	de souther or present	Land wear warm				Center Fred 1.908500000 GHz
-1.25	$\downarrow$				1		_	
-313 -413					lay	nuture	alan sala ang ang ang ang ang ang ang ang ang an	
-61.3 Center 1.909 GHz							an 6 MHz	CF Step
#Res BW 30 kHz Occupied Bandwidt	th		W 91 kHz Total Pow	er	24	#Sweep 3 dBm	100 ms	600.000 kHz Auto Man
	6840 MI		rotal i on		2.4.	o upin		Freq Offset
Transmit Freq Error x dB Bandwidth	-3.688 I 2.890 N		OBW Pow x dB	er		9.00 % .00 dB		0 Hz

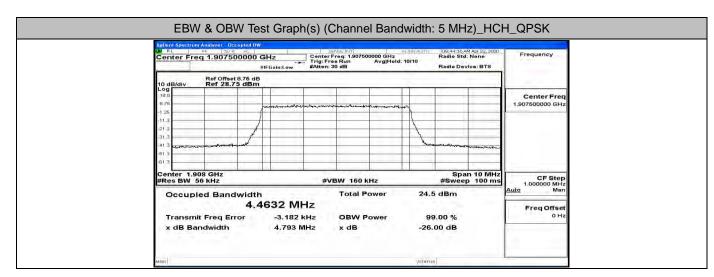
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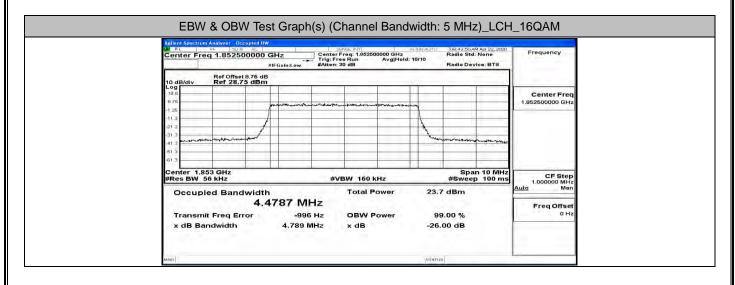


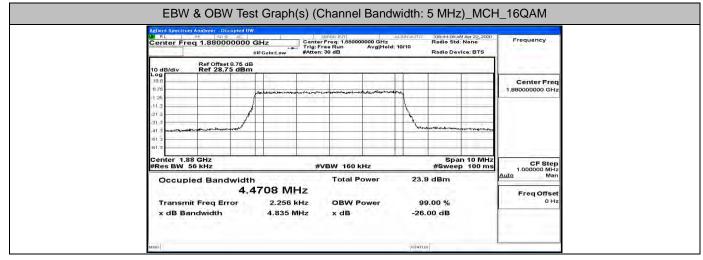


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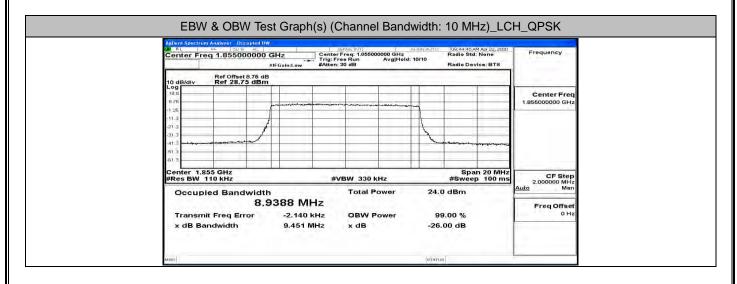


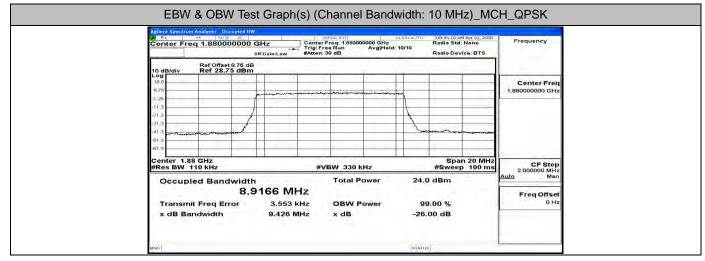
enter Freq 1.907500000 GHz Center Freq: 1.907500000 GHz Radio Std: None Fre BirGolinLow #Atten: 30 dB Radio Exit. None Radio Device: BTS Ref Offset 8.76 dB	equency
0 dB/div Ref 28.75 dBm	
1.907	enter Freq 7500000 GHz
11.3 11.3 white any and the second	
Span 10 MHz           senter 1.908 GHz         Span 10 MHz           Res EW 56 kHz         #VBW 160 kHz         #Sweep 100 ms	CF Step
Occupied Bandwidth Total Power 23.8 dBm	.000000 MHz Man
4.4748 MHz Transmit Freq Error -6.236 kHz OBW Power 99.00 %	Freq Offset 0 Hz

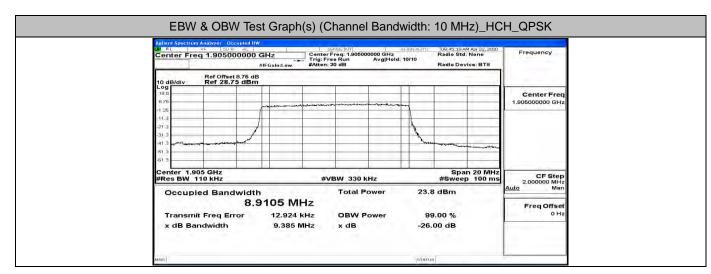
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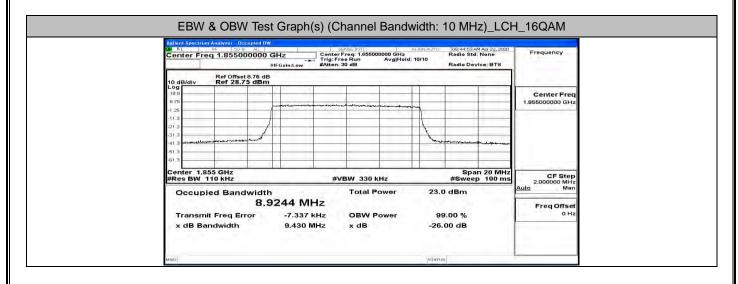


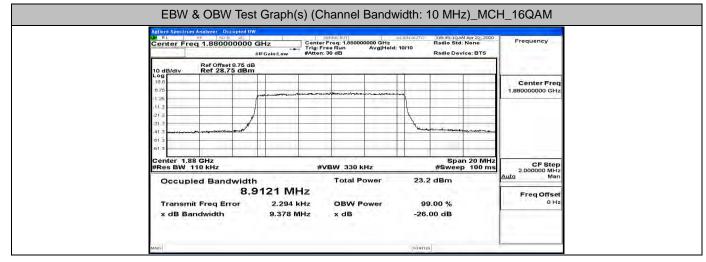


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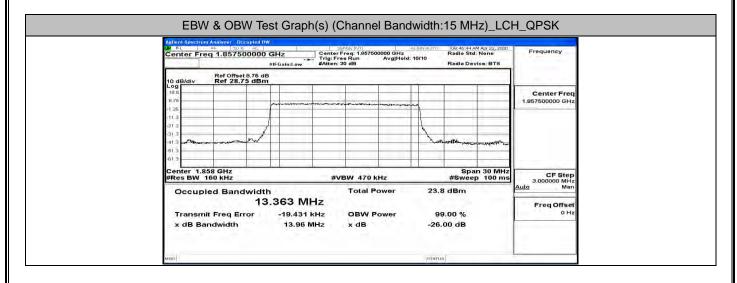


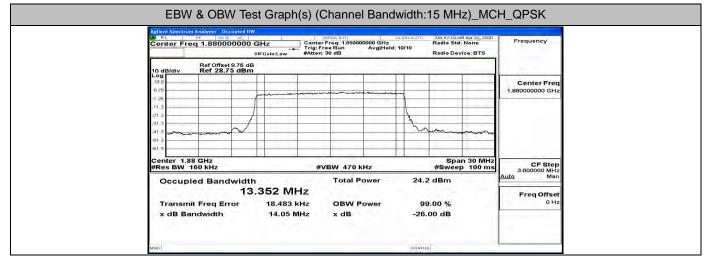
Marchan RL 9F 220 9 at SENACHUT SENACH										
Center Freq 1.90500000										
	Ref Offset 8.75 dB 10 dB/div Ref 28.75 dBm									
							Center Freq 1.905000000 GHz			
8.75		man		man						
-1.25				1						
213			-	the		With the second states in				
-31,3										
613										
Center 1.905 GHz	1, 1, 1, 1,			-		n 20 MHz	CF Step			
#Res BW 110 kHz #VBW 330 kHz #Sweep 100 ms							2.000000 MHz Auto Man			
Occupied Bandwidth Total Power 23.0 dBm							Add man			
8.9140 MHz							Freq Offset			
Transmit Freq Error 3.817 kHz x dB Bandwidth 9.351 MHz			OBW Power x dB		9.00 % .00 dB		0 Hz			

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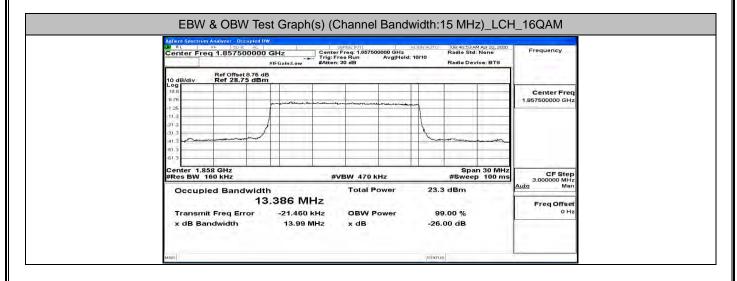


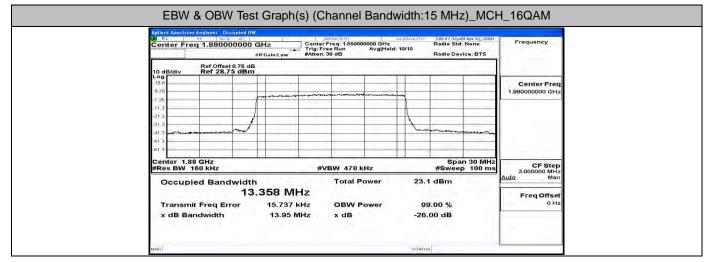
Agilent Spectrum Analyzer Occupied B		SENSEINY	ALIGNAUTO	08:47:19 AM Apr 22, 2020	Frequency			
Center Freq 1.902500000 GHz #FGain:Low #FGain:Low Center Freq 1.902500000 GHz Trig Free Run Avg Held: 10/10 Radio Std: None Radio Std: None Radio Std: None Radio Std: None								
10 dB/div Ref 28.75 dBn					Center Freq 1.902500000 GHz			
18.8 8.75	An	and the second						
-1.25								
313	/		1					
-61 3				a more and				
Center 1.903 GHz #Res BW 160 kHz	CF Step 3.000000 MHz							
Occupied Bandwidt	h 3.369 MHz	Total Power	23.	9 dBm	<u>Auto</u> Man			
T: Transmit Freq Error	OBW Power 9		9.00 %	Freq Offset 0 Hz				
x dB Bandwidth	13.99 MHz	x dB	-26	.00 dB				

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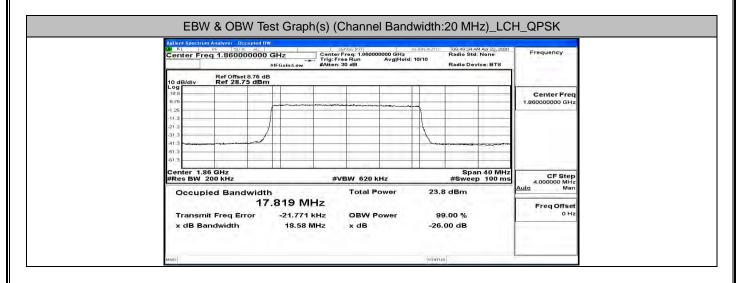


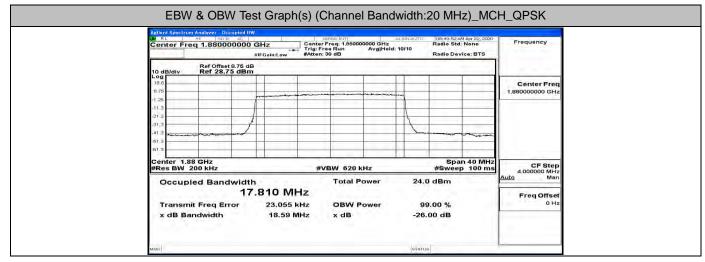
Center Freq 1.90250000	Frequency								
	#IFGain:Low	#Atten:	ae Run 30 dB	Avg Hold: 1	0/10	Radio Dev	rice: BTS		
10 dB/div Ref Offset 8.75 dB								Center Freq 1.902500000 GHz	
18.8 18.75			a farme for the state of the	mar and a sugar		~			
-1.25	1				1		-		
313					1		1		
-41.3						ad	and the second		
Center 1.903 GHz #Res BW 160 kHz	Center 1.903 GHz Span 30 MHz								
Occupied Bandwidth Total Power						dBm	3.000000 MHz <u>Auto</u> Man		
13.370 MHz Transmit Freg Error 7.559 kHz			OBW Power			0.00 %		Freq Offset	
x dB Bandwidth 14.01 MHz			x dB		-26.00 dB				

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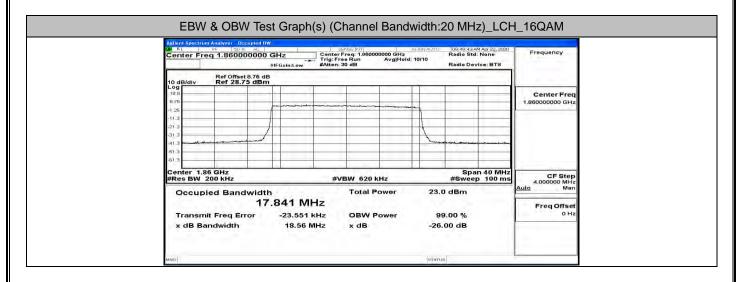


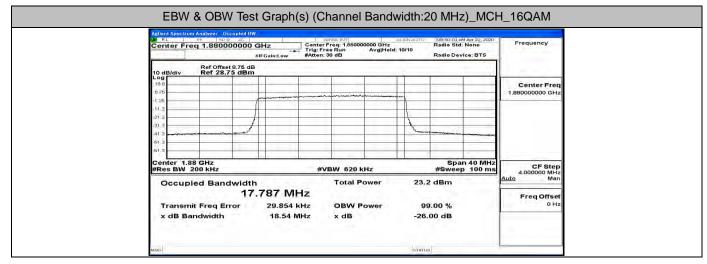
Adient Spectrim Analyzer - Occupied DW 20 FL 94 500 00 Center Freq 1.900000000 GHz Center Freq 1.90000000 GHz → Trig: Free Run AvgHeidel: 4010								
Ref Offset 8.75 d 10 dB/div Ref 28.75 dB					_			
Log 18.8 8.75	Property and the second		and the second second			Center Freq 1,90000000 GHz		
-1.25								
313								
613					non the second			
Center 1.9 GHz #Res BW 200 kHz	Center 1.9 GHz Span 40 MHz							
Occupied Bandwid	b.	23.	8 dBm	4.000000 MHz Auto Man				
	17.868 MHz Transmit Freq Error -12.874 kHz OBW Power 99.00 %							
Transmit Freq Error x dB Bandwidth	OBW Power x dB	OBW Power 99. x dB -26.0			0 Hz			

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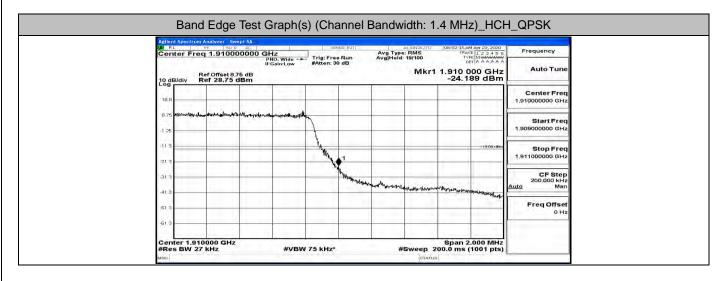


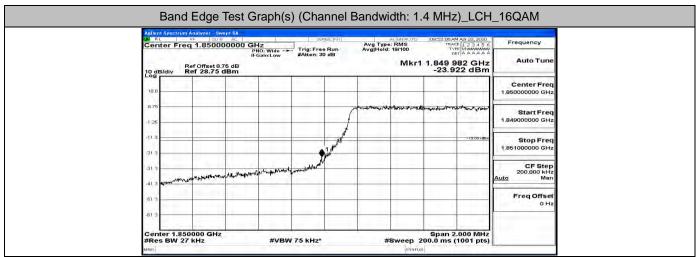
Agilent Spectrum Analyzer - Occupied D DV RL RF (SD OC AC	ALIGNAUTO	Radio Std:	M Apr 22, 2020	Frequency						
Center Freq 1.90000000	ricquency									
	Ref Offset 8.75 dB 10 dB/div Ref 28.75 dBm									
Log 18.8				-		Center Fred				
8.75						1.900000000 GHz				
-1.26	1									
-21.3	А									
1313 mineran management	,									
-61.3										
-61.3				1						
Center 1.9 GHz #Res BW 200 kHz										
Occupied Bandwidt	h	Total Power	Total Power 22.9 dBm							
17	17.844 MHz									
Transmit Freq Error -5.247 kHz		OBW Power		99.00 %	Freq Offset 0 Hz					
x dB Bandwidth	18.68 MHz	x dB	-26	3.00 dB						

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## D.4 Band Edge

		50000000 G	Hz NO:Wide -+	Concernant of	use:Iniy	Avg Type Avg Hold:	RMS	08:51:57 AN	1 Apr 22, 2020 E 1 2 3 4 5 6 E Munandan T A A A A A A	Frequency
10 dB/div	Ref Off	set 8.75 dB 8.75 dBm	Gain:Low	#Atten: 36	0 dB			1.850 0		Auto Tune
18.8								1		Center Freq 1.85000000 GHz
8.75					1	wither, and brandproof	uyunotshisniyutla	and the second	and the second	Start Freq 1.849000000 GHz
-(13 					3 pt		_		-13.00 tillen	Stop Freq 1.85100000 GHz
	Athronometican	HV.share Hellerore and	14 marsheshes wanter	Alexandrowed	p.					CF Step 200.000 kHz <u>Auto</u> Man
-613					1					Freq Offset 0 Hz
-61 3	2.12						1			

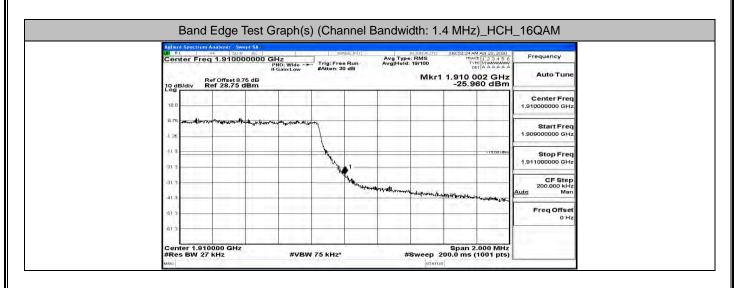


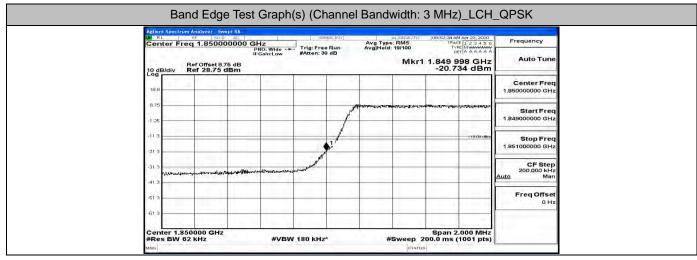


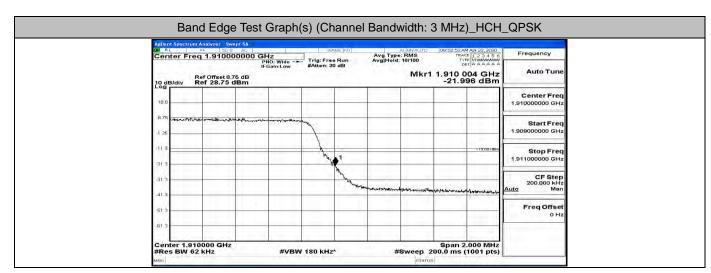
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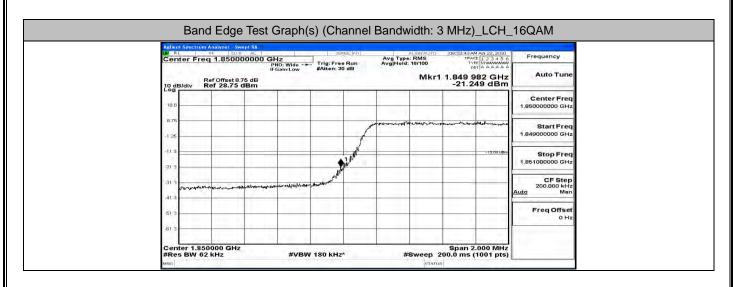


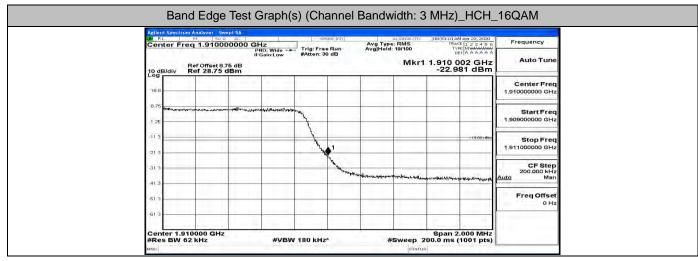


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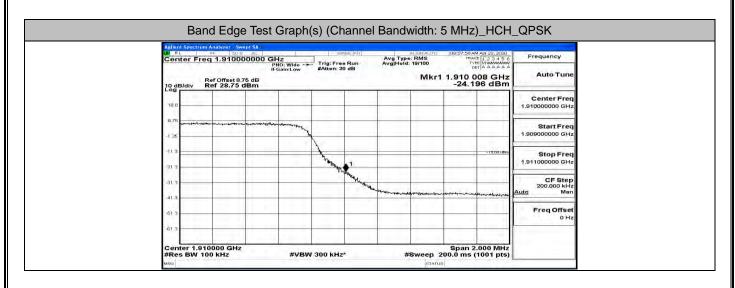


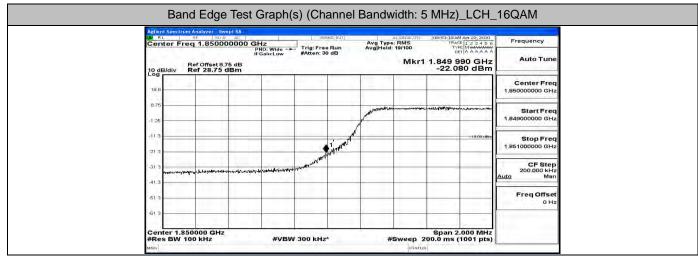
Center Freq 1.850000000 GHz IFGaintow     Trig: Free Rin Avg Type: RMS     Trig: Free Rin Avg Type: RMS     Trig: Free Rin Avg Type: RMS     Trig: Free Rin Ref Office 875 dB       10 dB/div Cog     Ref 28.75 dB     Mkr1 1.849 982 GHz -21.657 dBm     Auto Tune       188     -21.657 dB     Center Freq 1.85000000 GHz     1.849 982 GHz 1.85000000 GHz       188     -21.657 dBm     Center Freq 1.85000000 GHz       188     -21.657 dBm     Start Freq 1.85000000 GHz       188     -21.657 dBm     Start Freq 1.85000000 GHz       189     -21.657 dBm     Start Freq 1.8500000 GHz       189     -21.657 dBm     Start Freq 1.8500000 GHz       189     -21.657 dBm     Start Freq 1.8500000 GHz       189     -21.657 dBm     -21.657 dBm       180     -21.657 dBm     -21.657 dBm       180     -21.657 dBm     -21.657 dBm       181     -21.657 dBm	0 08:53:10 AM Apr 22, 2020	ALIGNAUTO	EINT	SEN		nolyzer Swept SA		Agilen RL
Ref Offset 8.75 dB         Mkr1 1.849 982 GHz         Auto Tune           10 dB/div         Ref 28.75 dB         -21.657 dB         Center Freq           188         -21.657 dB         1.85000000 GHz         1.85000000 GHz           138	TRACE 1 2 3 4 5 6 Fre	Type: RMS lold: 18/100	Run	Trig: Free				
188     Center Freq       175     Start Freq       175	1 1.849 982 GHz		dB	#Atten: 30	IFGain:Low	ef Offset 8.75 dB ef 28.75 dBm	Bldiv R	10 dE
Start Freq         Start Freq           113         1849000000 GHz           113         184900000 GHz           113         184900000 GHz           113         18500000 GHz           114         18500000 GHz           115         18500000 GHz           113         18500000 GHz           114         18500000 GHz           115         18500000 GHz           115         18500000 GHz           115         185000000 GHz								251
213     Stop Freq 1,851000000 GHz       313     CF Step 2000 HHz       413     Freq Offset	[4] M.	ann <del>a fa</del> parangata	y					
313 413 613 613 613			WHARMUR	•				
513 FreqOffset				- And And And	and starting and the street	un ter faith and the start of a training	Jan martin same	-31.3
							h	

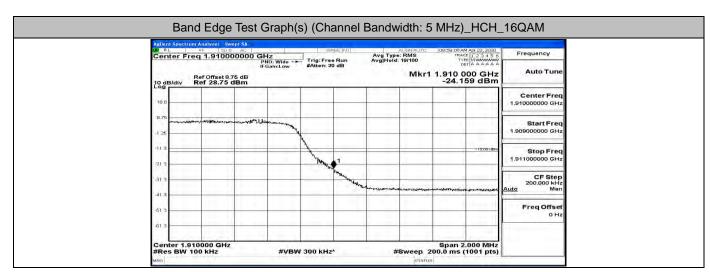
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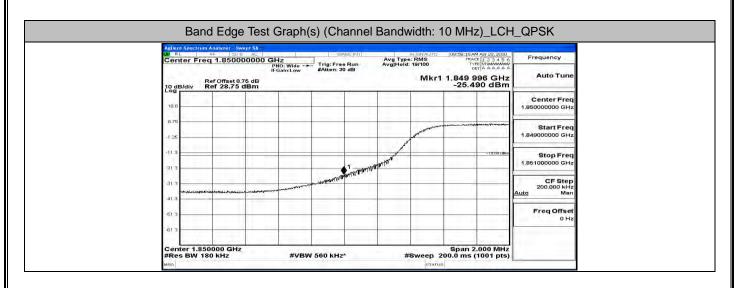


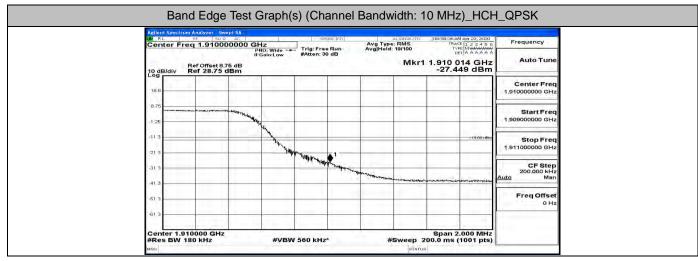


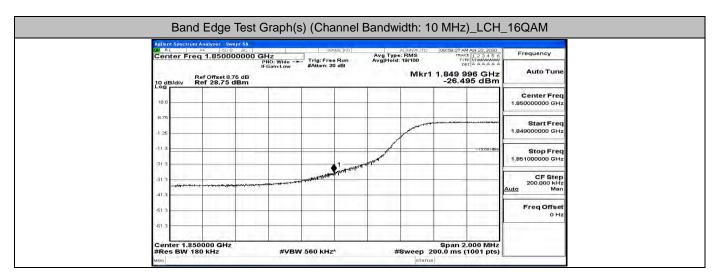
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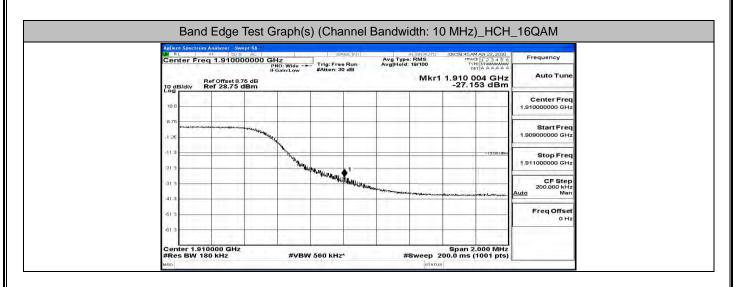


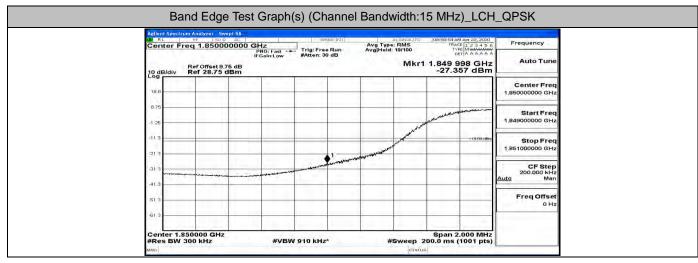


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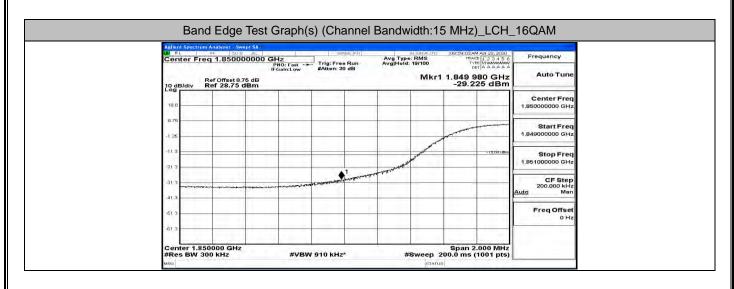


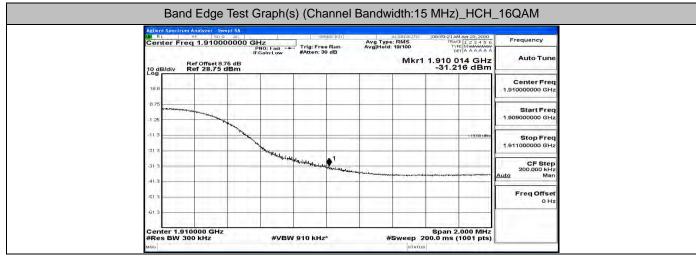
		m Analyzer								11.T	
Cer		eq 1.910	000000	GHz	at Carlo Para	NUSE:IN	Avg Type Avg Hold:	RMS	08:59:12 AM	E 1 2 3 4 5 6 E MMMMMM T A A A A A A	Frequency
10 d	B/div	Ref Offset Ref 28.7	8.76 dB 5 dBm	PNO: Fast IFGain:Low	#Atten: 3	io dB	Avgiriou.		1.910 0		Auto Tune
18.8		1									Center Freq 1.910000000 GHz
8.75		mondering	and the second								Start Freq 1.909000000 GHz
-113			~	No. No. W. W. W. W.						-15.00 tilbin	Stop Freq 1.911000000 GHz
-313		-		Mallester Marthan	****************	humphun					CF Step 200.000 kHz Auto Man
-61.3											Freq Offset 0 Hz

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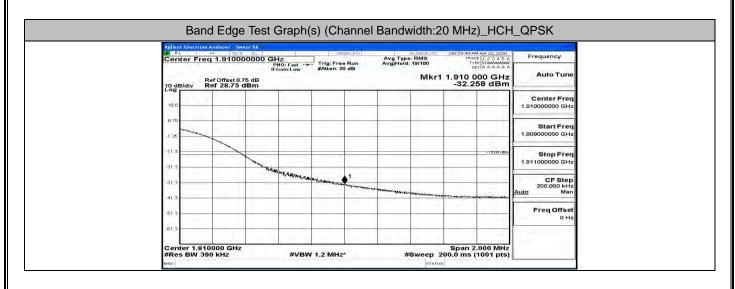


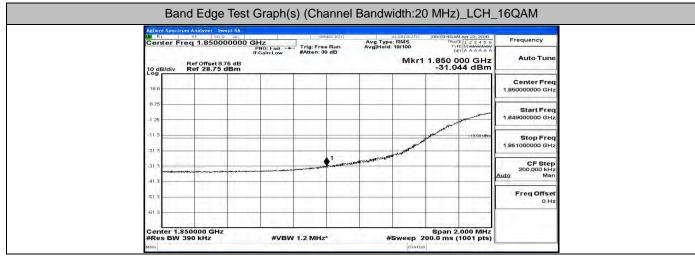
Rt     min     bit of the second seco									alyzer Swept SA		Agilen
Ref Offset 8,75 dB         Mkr1 1.849 990 GHz         Auto Tune           16.9         -31.262 dBm         -31.85000000 GHz         -31.85000000 GHz           18.9	Frequency	E 1 2 3 4 5 6	TRACE			The state	and the second second	GHz	1.850000000	ter Fre	
180         Center Freq           126         126           -126         126           -13         126           -13         126           -141         126           -13         126           -141         126           -13         130           -141         130           -150         140           -113         140           -113         140           -113         140           -113         140           -113         140           -113         140           -114         140           -115         140           -116         140           -117         140           -118         140           -118         140           -118         140           -118         140           -118         140           -118         140           -118         140           -118         140           -118         140           -118         140           -118         140           -118         140 </td <td>Auto Tune</td> <td>90 GHz</td> <td>1.849 9</td> <td></td> <td></td> <td>0 dB</td> <td>#Atten:</td> <td>IFGain:Low</td> <td>Offset 8.75 dB f 28.75 dBm</td> <td>B/div F</td> <td>10 dE</td>	Auto Tune	90 GHz	1.849 9			0 dB	#Atten:	IFGain:Low	Offset 8.75 dB f 28.75 dBm	B/div F	10 dE
125         Start Freq           113         134900000 GHz           113         14000000 GHz           113         1500000 GHz           113         1500000 GHz           113         1600000 GHz           113         1600000 GHz           113         1700000 GHz           114         1700000 GHz           115         1700000 GHz           115 <td< td=""><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>127</td></td<>			_								127
313     313 <td></td>											
313 413 613 Freq Offset		-1 3:00 tillen	and a start of the	and the second							210
Freq Offset	200.000 kHz			and the second sec	address and a start	Cumum					-31.3

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		um Analyzer									
		eq 1.91	0000000	GHz	an Carolina I	ENGE:INT	Avg Type Avg Hold:	RMS	08:59:58 AM	123456 MMMMMM TAAAAAA	Frequency
18	dB/div	Ref Offse Ref 28.	t 8.75 dB 75 dBm	PNO: Fast IFGain:Low	#Atten: 3	30 dB	Avgiriou.		1.910 0		Auto Tune
18	6 I.u										Center Freq 1.910000000 GHz
8.: -1.:	marrent.	avenue									Start Freq 1.909000000 GHz
-11			Makater Marken							-13.00 tilbri	Stop Freq 1.911000000 GHz
-31				In the second	+ and the second	na manauro	*****	**		- <b>6 -</b> <sup>10</sup> - 10 <sup>-10</sup> - 10 <sup>-10</sup> - 10 <sup>-10</sup>	CF Step 200.000 kHz Auto Man
-51											Freq Offset 0 Hz

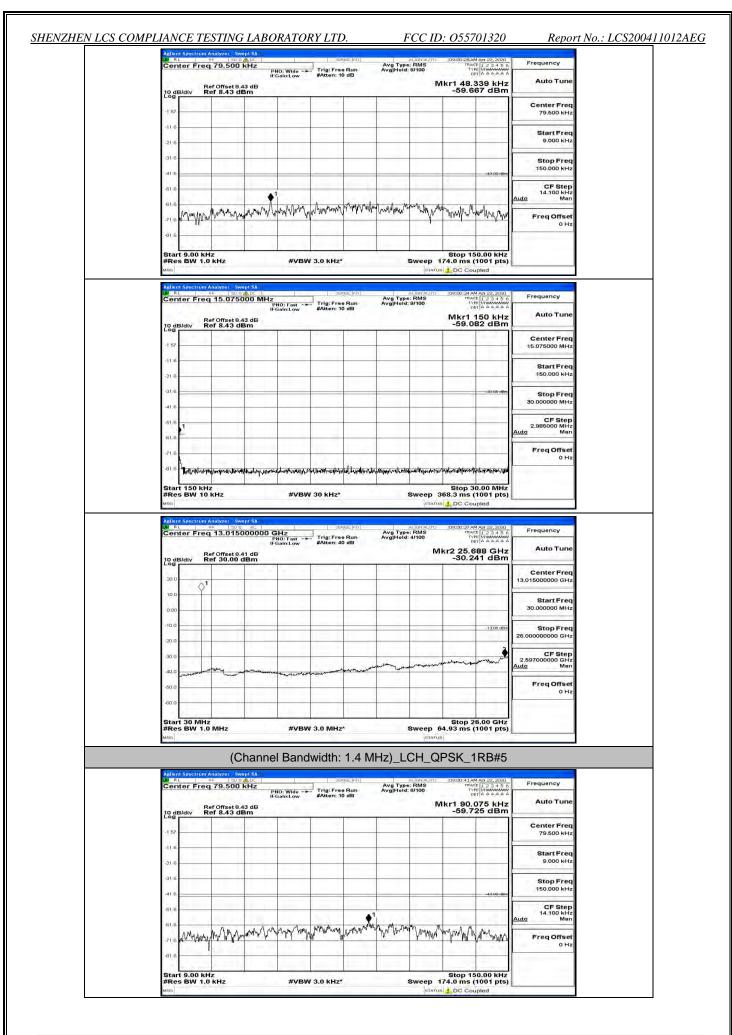
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## **D.5 Conducted Spurious Emission**

# **Channel Bandwidth: 1.4 MHz**

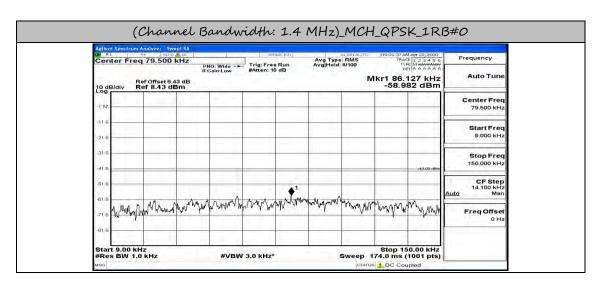
Adlent Spectrum Analyzer	0 8 ADC	Vide Trig: Fn	ense:Inir	Avg Type: Avg Hold: §	RMS	109:00:16 AM Apt 22, 2020 TRACE 1 2 3 4 5 6 Type Det A A A A A A	Frequency
10 dB/div Ref Offset	IFGain		10 dB			kr1 48.339 kHz -59.048 dBm	Auto Tune
-1 57					_		Center Freq 79.500 kHz
-11.6							Start Freq 9.000 kHz
-31.6					_		Stop Freq 150.000 kHz
-61.6	<b>●</b> <sup>1</sup>					-43.00 (Bin	CF Step 14.100 kHz Auto Man
-51.6 MMARANN	www.www.hum	March Marchan	mmmm	mmm	When		Freq Offset 0 Hz
-81.6					<u>.</u>		
Start 9.00 kHz #Res BW 1.0 kHz		#VBW 3.0 KH2	z*	S		Stop 150.00 kHz 74.0 ms (1001 pts) DC Coupled	
Agilent Spectrum Analyzer	5000 MHz	The second se	ense:Inir	Avg Type: Avg Hold:	RMS	109:00:22 AM Apr 22, 2020 TRACE 1 2 3 4 5 6 TYPE DET A A A A A A	Frequency
10 dB/div Ref Offset		ast Trig:Fn Low #Atten:	10 dB			Mkr1 150 kHz -60.574 dBm	Auto Tune
-1 57					_		Center Freq 15.075000 MHz
-11.6					_		Start Freq 150.000 kHz
-31.6						~33-00-dBm	Stop Freq 30.000000 MHz
-51.6					_		CF Step 2.985000 MHz <u>Auto</u> Man
-71.6							Freq Offset 0 Hz
	Valuational a substance of the substance of	himininghi hidinanangka	utalis-an-setup-yaha	anghy ann an	havenderfanter	at tak the all to be a second to the second	
Start 150 kHz #Res BW 10 kHz		#VBW 30 kHz	*	S		Stop 30.00 MHz 58.3 ms (1001 pts) C Coupled	
Adlent Spectrum Analyzer	5000000 GHz	ast -P- Trig:Fn	ense:INT	Avg Type: Avg Hold:	RMS	109:00:25 AM Apr 22, 2020 TRACE 1 2 3 4 5 6 TYPE TYPE MUMANWAN DET A A A A A A	Frequency
10 dB/div Ref Offset	IFGain: 8,41 dB	ast Trig: Fr Low #Atten:	40 dB	Avginola.		cr2 26.000 GHz -30.028 dBm	Auto Tune
20.0					_	-	Center Freq 13.015000000 GHz
0.00							Start Freq 30.000000 MHz
×10.0					-	-1 3,00 dbm	Stop Freq 26.00000000 GHz
-30.0				man .	مى مەربىيەر.	2 manungartura	CF Step 2.597000000 GHz Auto Man
-40.0	-			- June			Freq Offset 0 Hz
-60.0							UHZ
Start 30 MHz #Res BW 1.0 MHz		#VBW 3.0 MH	z*	s	weep 64	Stop 26.00 GHz 4.93 ms (1001 pts)	

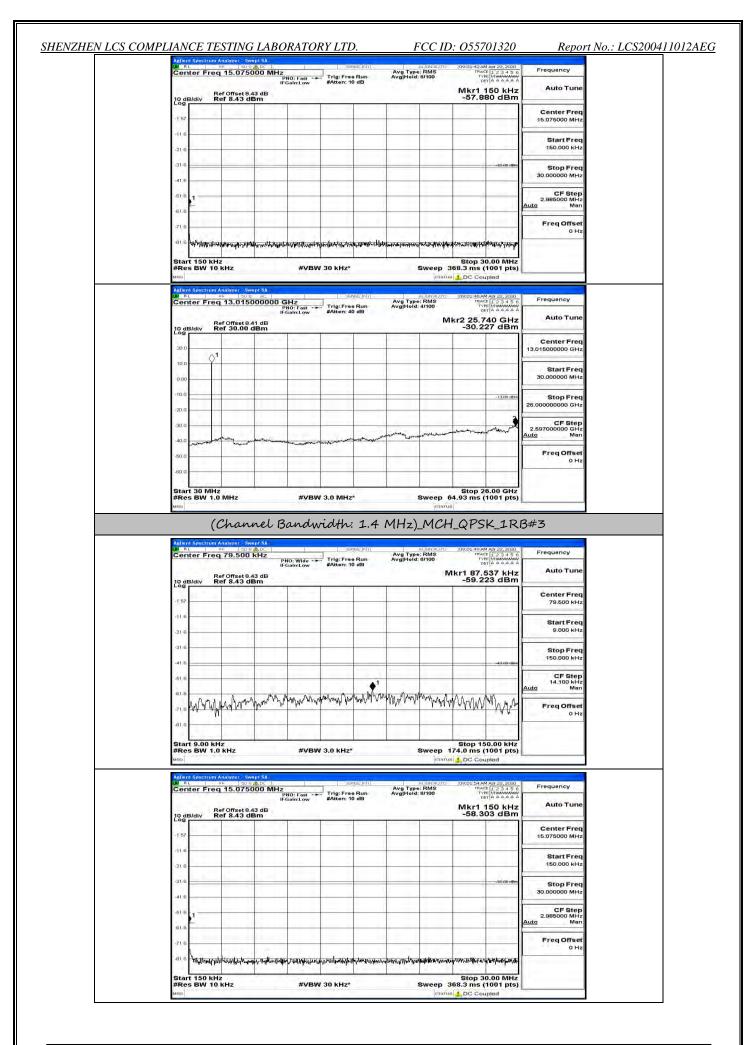
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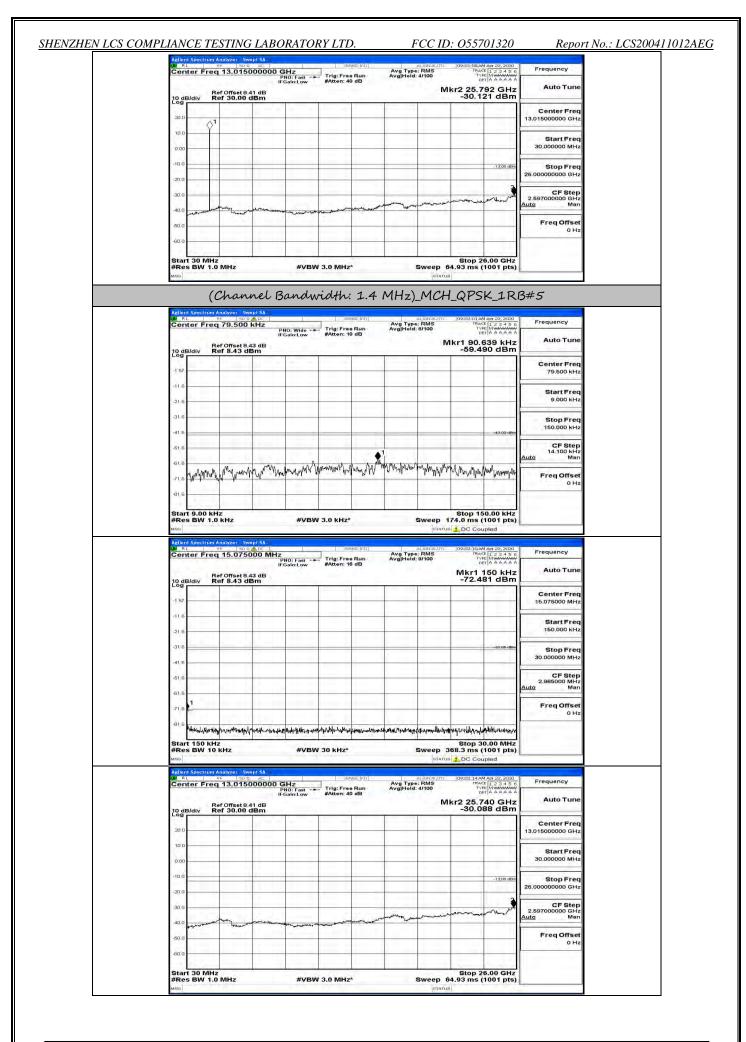
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LW RL I	um Analyzer - Sv RF 1903	R ALDC		39	USE:INT	-	ALIGNAUTO	09:00:46 A	4 Apr 22, 2020	
Center F	req 15.075	000 MHz	PNO: Fast -+ FGain:Low	Trig: Fre	Run	Avg Type Avg Hold	8/100	TRAC	E 123456 PE MINIMUM	Frequency
10 dB/div	Ref Offset 8 Ref 8.43 d	43 dB	FGain:Low	#Atten: 1	u aB			Mkr1	150 kHz 79 dBm	Auto Tune
-1 57	4.000	11	1	1						Center Free 15.075000 MH
11.6								-		10.070000 1011
-21.6			-						1	Start Free 150.000 kH
-31/6	_		_						-33:00 dBm	Stop Free
-41.6			-					-		30.000000 MH
-61.6	-									CF Ster 2.985000 MH Auto Mar
-51.6										Freq Offse
1000	and and a star	1	1			1.0.1		A. Standy	and the second	он
-or o However	enstructure and an	Kelogon and Lindsteiner	all an	harding	at dependence and the second parts	alternan herligen	Adjented When	and a strategy of the strategy	HALL MINAN MARKING	
		_	-							
Start 150 #Res BW	kHz 10 kHz	¥	#VBV	V 30 kHz*				68.3 ms (	0.00 MHz 1001 pts)	
#Res BW	10 KHz		#VBV	V 30 KHZ*				Stop 3 68.3 ms (	1001 pts)	
#Res BW	10 KHz um Analyzer - Sw WF 501	Q AL		SEI	vse:[NT]		eratus au cen autro	68.3 ms (	1001 pts) apled	Frequency
#Res BW	10 KHz	000000 (		SEI	Run		ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO	09:00:49 A	1001 pts) ipled 123456 123456 Minimum et A A A A A	Frequency
#Res BW	10 KHz um Analyzer - Sw WF 501	0000000	GHz PN0: Fast →	Ste	Run		ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO	09:00:49 A	1001 pts) apled Map: 22, 2020	Frequency
#Res BW	10 KHz	0000000	GHz PN0: Fast →	Ste	Run		ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO	09:00:49 A	1001 pts) apled 4 Apr 22, 2020 1 2 3 4 5 6 7 1 2 3 4 5 6 7 1 4 4 4 4 4 10 GHz	Frequency
#Res BW Mile Aellent Spect Center F Center F	10 KHz	0000000	GHz PN0: Fast →	Ste	Run		ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO	09:00:49 A	1001 pts) apled 4 Apr 22, 2020 1 2 3 4 5 6 7 1 2 3 4 5 6 7 1 4 4 4 4 4 10 GHz	Auto Tun Center Freq 13.01500000 GH
#Res BW Milion Specie Action Specie Conter F Conter F 20 dB/div 20 0	10 KHz	0000000	GHz PN0: Fast →	Ste	Run		ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO	09:00:49 A	1001 pts) apled 4 Apr 22, 2020 1 2 3 4 5 6 7 1 2 3 4 5 6 7 1 4 4 4 4 4 10 GHz	Frequency Auto Tuno Center Free
Action Spectra Action Spectra Center F 20 dB/div 20 0	10 KHz	0000000	GHz PN0: Fast →	Ste	Run		ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO	09:00:49 A	1001 pts) apled 4 Apr 22, 2020 1 2 3 4 5 6 7 1 2 3 4 5 6 7 1 4 4 4 4 4 10 GHz	Frequency Auto Tune Center Free 13.015000000 GHI Start Free 30.000000 MH
Action Spect Action Spect Senter F 10 dB/div 20 0 10 0 0 00	10 KHz	0000000	GHz PN0: Fast →	Ste	Run		ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO	09:00:49 A	1001 pts) pied 1001 pts) 1001	Frequency Auto Tuno Center Free 13.01500000 GH Start Free 30.000000 MH
#Res BW mino Alation Spectra Center F Conter F C	10 KHz	0000000	GHz PN0: Fast →	Ste	Run		ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO	09:00:49 A	1001 pts) pied 1001 pts) 1001	Frequency Auto Tune Center Free 13.015000000 GHI Start Free 30.000000 MH
#Res BW mmo  Center F  Conter F  Con	10 KHz	0000000	GHz PN0: Fast →	Ste	Run		ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO	09:00:49 A	1001 pts) ipled 100 ct 20 ct 20 100 ct 20 ct 20 100 ct 20 10 ct 20	Frequency Auto Tuno Center Free 13.015000000 GH Start Free 30.0000000 GH Stop Free 2.5970000 GH Auto Mar
#Res BW           wno           Activat Senser           Centre F           20 dB/div           30 0           -10 0           -0.00           -10 0           -20.0           -30.0	10 kHz	0000000	GHz PN0: Fast →	Ste	Run		ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO ALIGNAUTO	09:00:49 A	1001 pts) ipled 100 ct 20 ct 20 100 ct 20 ct 20 100 ct 20 10 ct 20	Frequency           Auto Tuni           Center Frequency           13.015000000 GH           Start Frequency           30.000000 GH           Stop Frequency           26.0000000 GH           2.59700000 GH           2.59700000 GH





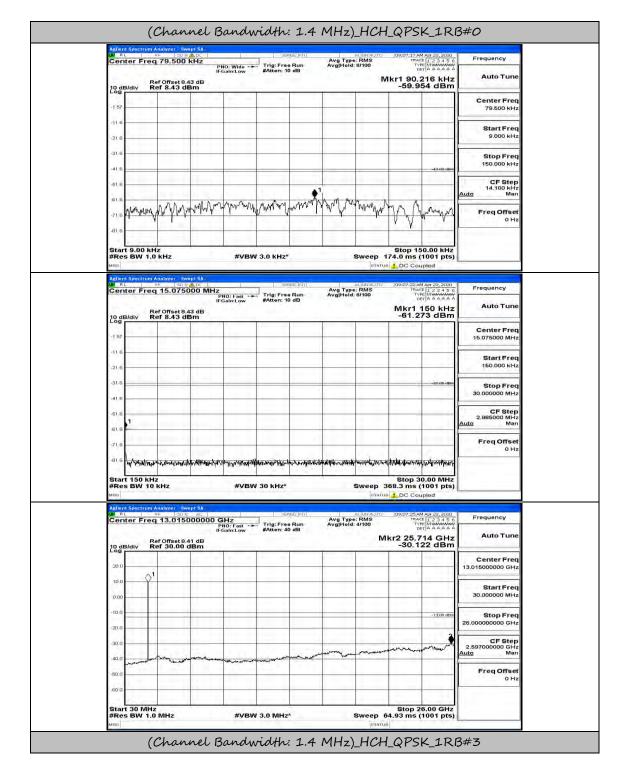
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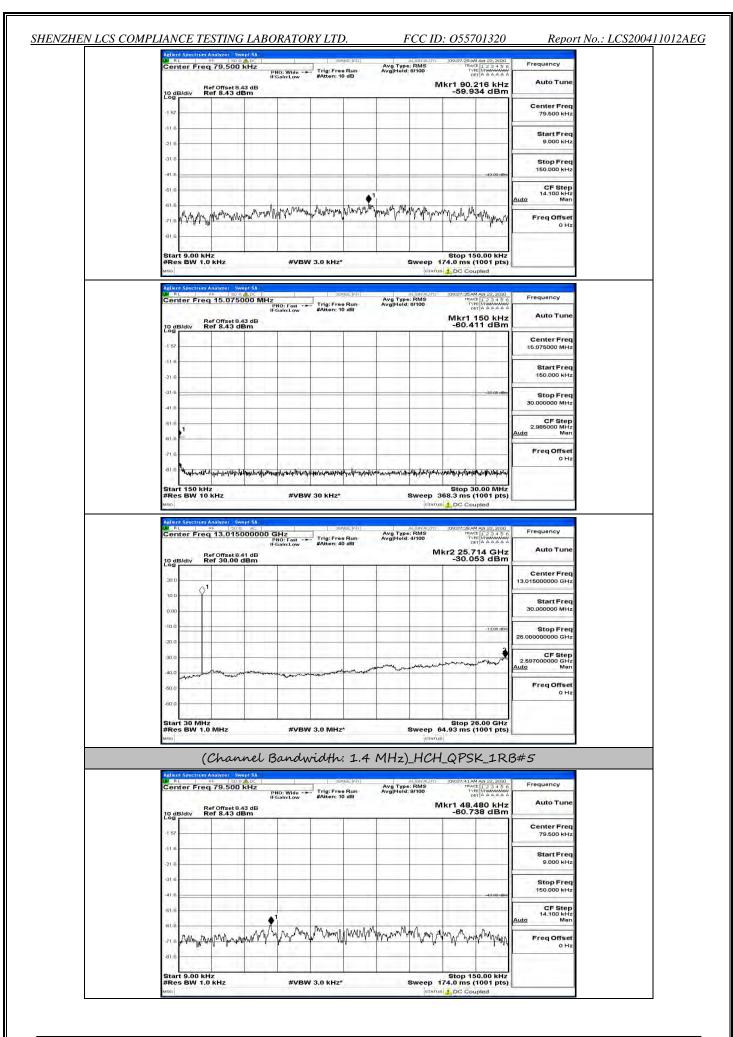
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Report No.: LCS200411012AEG

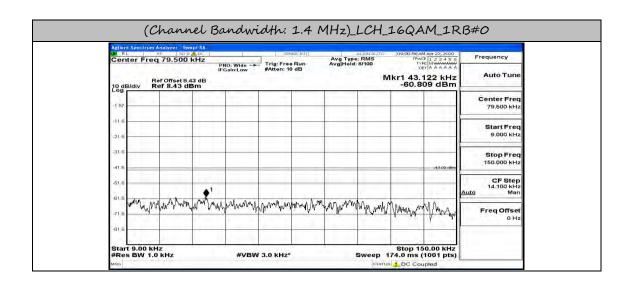


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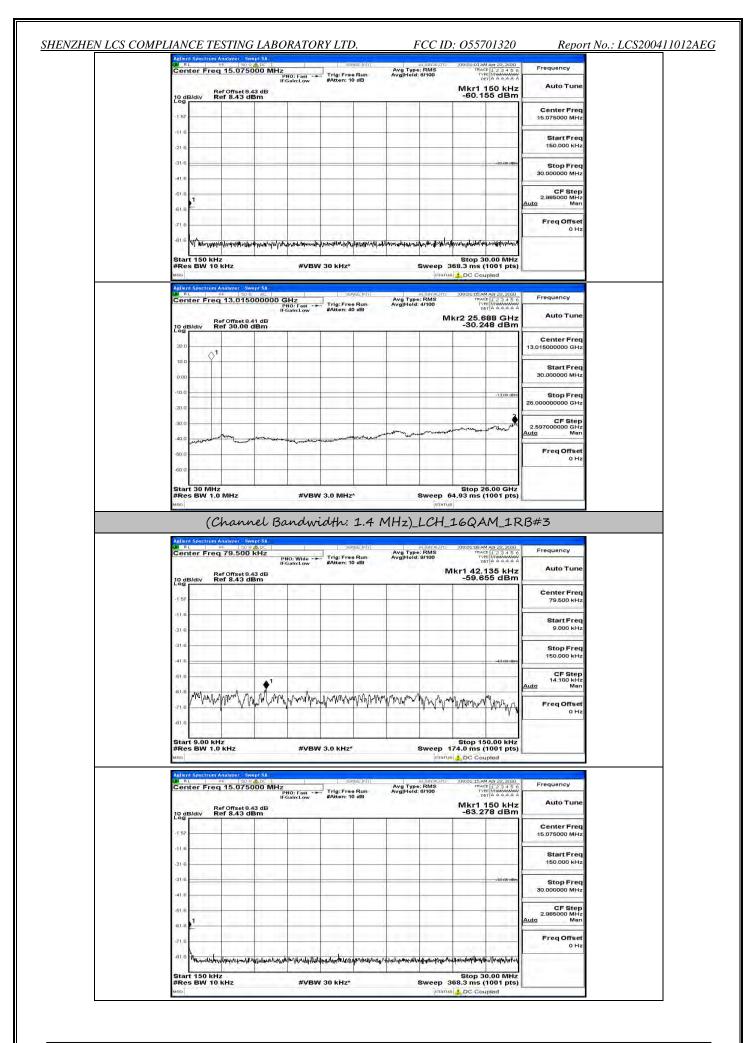


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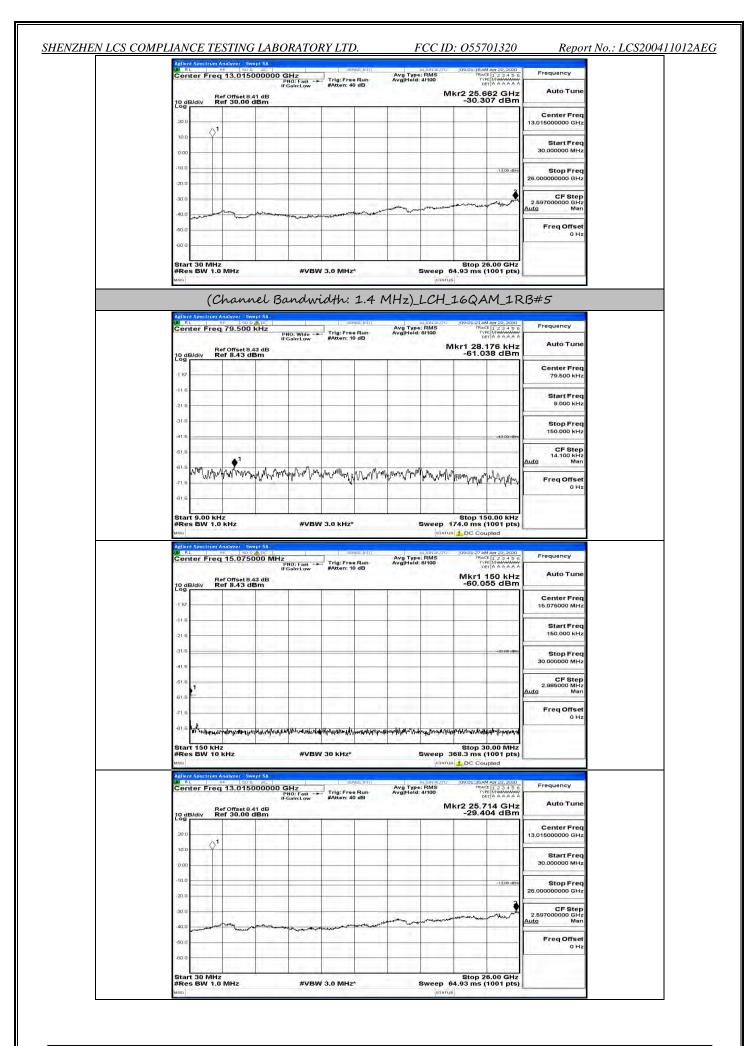
Cente	Freq 15.0	75000 MHz	PNO: Fast	Carden and A	Run	Avg Type: R Avg Hold: 8/1	IGN AUTO	09:07:47 AN TRAC TVP	1 2 3 4 5 6 E MMMMMM T A A A A A A	Frequency
	Ref Offse Ref 8.43	t 9,43 dB	PNO: Fast FGain:Low	#Atten: 10 (	dB	1.11.11.11.11		Mkr1	50 kHz 150 kHz 1 dBm	Auto Tune
-1 57	14 24		-				_			Center Freq 15.075000 MHz
-11.6										Start Freq 150.000 kHz
-31.6									-33.00 dBm	Stop Freq 30.000000 MHz
-41.6										CF Step
Б1.6 -										2.985000 MHz <u>Auto</u> Man
-716		1 1.1.1			200			0.05		Freq Offset 0 Hz
- Nº	nan man property									
Start 1 #Res E		and a second sec	1	W 30 KHZ*		44. X. 44	weep 3	Stop 30 68.3 ms (	0.00 MHz 1001 pts)	
Start 1 #Res E	50 kHz		1		EINT	SW	Neep 30	Stop 30 68.3 ms ( DC Cou	0.00 MHz 1001 pts) pied	
Start 1 #Res E M50 Aglient Sr	50 KHz W 10 KHz Crum Analyzer 9F Freq 13.0	Swept SA 50 S AL 15000000 1	#VBI	W 30 KHZ*	E:IN1]	Sw	Weep 30 STATUS STATUS STATUS STATUS STATUS	Stop 30 68.3 ms ( DC Cou DC Cou D09:07:50.4W TRAC TVP	D.00 MHz 1001 pts) pled	Frequency Auto Tune
Start 1 #Res E MSG	50 kHz W 10 kHz ecrum Analyzer Preg 13.0 Ref Offse	Swept SA 50 S 40 15000000 1 10 19 41 dB	#VB\ GHz	W 30 kHz*	E:IN1]	Sw Aug Type: R	Weep 30 STATUS STATUS STATUS STATUS STATUS	Stop 36 68.3 ms ( DC Cou DC Cou TRAC TRAC TRAC TRAC TRAC TRAC TRAC TRAC	D.00 MHz 1001 pts) pled	Auto Tune
Adjent Start 1 #Res E Milo Cente 10 dB/d 20 0	50 kHz W 10 kHz ecrum Analyzer Preg 13.0 Ref Offse	Swept SA 50 S 40 15000000 1 10 19 41 dB	#VB\ GHz	W 30 kHz*	E:IN1]	Sw Aug Type: R	Weep 30 STATUS STATUS STATUS STATUS STATUS	Stop 36 68.3 ms ( DC Cou DC Cou TRAC TRAC TRAC TRAC TRAC TRAC TRAC TRAC	0.00 MHz 1001 pts) pied	
Adlent Start 1 #Res E Milo Cente	50 kHz W 10 kHz ecrum Analyzer Preg 13.0 Ref Offse	Swept SA 50 S 40 15000000 1 10 19 41 dB	#VB\ GHz	W 30 kHz*	E:IN1]	Sw Aug Type: R	Weep 30 STATUS STATUS STATUS STATUS STATUS	Stop 36 68.3 ms ( DC Cou DC Cou TRAC TRAC TRAC TRAC TRAC TRAC TRAC TRAC	0.00 MHz 1001 pts) pied	Auto Tune Center Freq
Addition Start 1 #Res E Mano Cente 200 100 -100	50 kHz W 10 kHz ecrum Analyzer Preg 13.0 Ref Offse	Swept SA 50 S 40 15000000 1 10 19 41 dB	#VB\ GHz	W 30 kHz*	E:IN1]	Sw Aug Type: R	Weep 30 STATUS STATUS STATUS STATUS STATUS	Stop 36 68.3 ms ( DC Cou DC Cou TRAC TRAC TRAC TRAC TRAC TRAC TRAC TRAC	0.00 MHz 1001 pts) pied	Auto Tune Center Freq 13.01500000 GHz Start Freq
Addients Addients Conte 10 dB/d 20 0 10 0 000	50 kHz W 10 kHz ecrum Analyzer Preg 13.0 Ref Offse	Swept SA 50 S 40 15000000 1 10 19 41 dB	#VB\ GHz	W 30 kHz*	E:IN1]	Sw Aug Type: R	Weep 30 STATUS STATUS STATUS STATUS STATUS	Stop 36 68.3 ms ( DC Cou DC Cou TRAC TRAC TRAC TRAC TRAC TRAC TRAC TRAC	0,00 MHz 1001 pts) pled	Auto Tune           Center Freq           13.01500000 GHz           Start Freq           30.000000 MHz           Stop Freq           25.0000000 GHz           2.597000000 GHz
100	50 kHz W 10 kHz ecrum Analyzer Preg 13.0 Ref Offse	Swept SA 50 S 40 15000000 1 10 19 41 dB	#VB\ GHz	W 30 kHz*	E:IN1]	Sw Aug Type: R	Weep 30 STATUS STATUS STATUS STATUS STATUS	Stop 36 68.3 ms ( DC Cou DC Cou TRAC TRAC TRAC TRAC TRAC TRAC TRAC TRAC	0.00 MHz 1001 pts) pled Arr 22,2000 F 2 3 4 5 0 F 2 3 5 0 F 2 3 5 0 F 2 3 5 0	Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq 25.00000000 GHz



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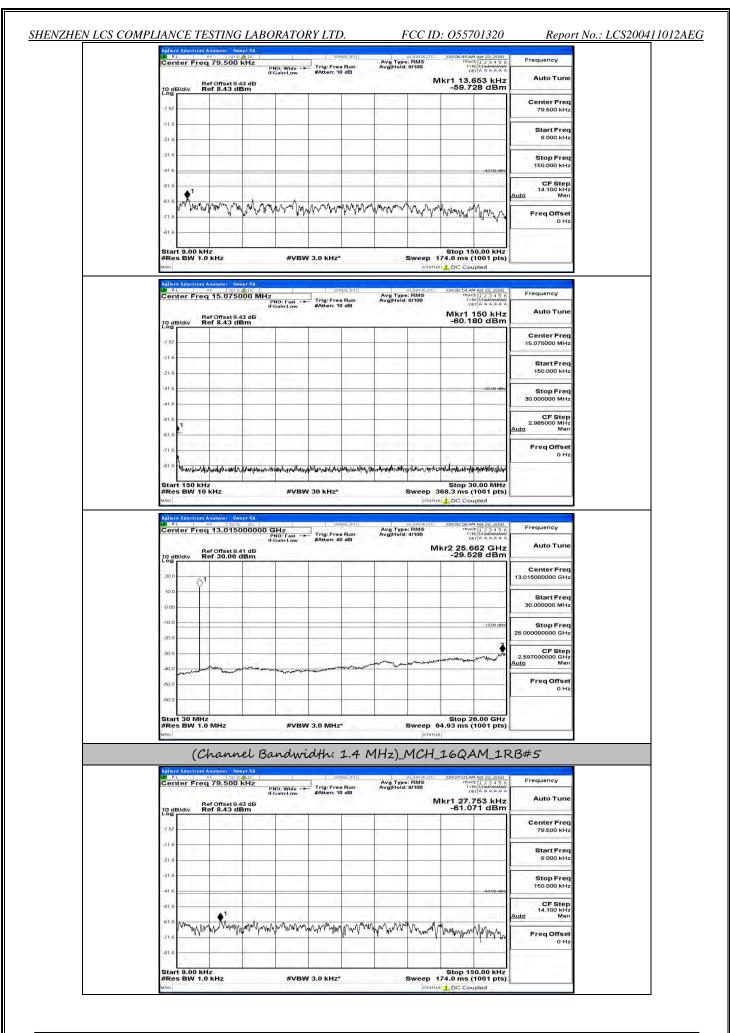


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#### SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. FCC ID: 055701320 Report No.: LCS200411012AEG

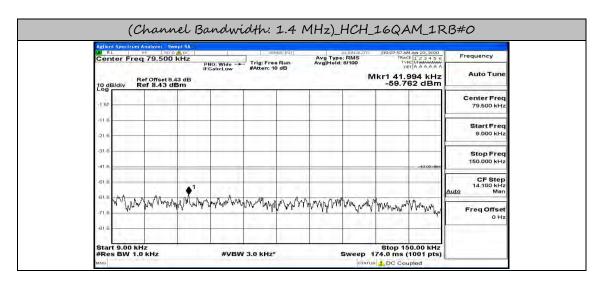
Frequency	09:06:37 AM Apt 22, 2020 TRACE 1 2 3 4 5 6 TYPE MWANAAAA DET A A A A A A	RMS	Avg Type Avg Hold	RUSE INT	Televe		ALDC -	Analyzer Sw 95 909 179.500		Cent
Auto Tune	kr1 42.276 kHz		wallhold	io dB	#Atten: 1	NO: Wide -+ Gain:Low	PI IFI			-
	-59.994 dBm				-	_	Bm	ef Offset 8.4 ef 8.43 di	B/div R	10 dB/
Center Freq 79.500 kHz				-			1	-	1	-1 57
Start Freq									-	41.6
9.000 kHz									-	-21.6
Stop Freq										-31.6 -
150.000 kHz	-43.00 (Bin	-	-							-41.6
CF Step 14.100 kHz Man							<b>▲</b> 1			-61.6 -
	Mm mm mm Mmm mm mm	My Amala	mont	MWANAN	WWWW	Whenwymer	www.	Wanthym	www.www.	-61.6 A
Freq Offset 0 Hz	A. 6. De. A surd to be	14 0	, <u>1</u> ,		11					-71.6
	· · · · · · · · · · · · · · · · · · ·					1.00	1 2 2 3		3003	-81.6 -
	Stop 150.00 kHz 74.0 ms (1001 pts)	Sweep 17		r.	/ 3.0 KHz	#VBM		lz kHz	9.00 kH BW 1.0	Start #Res
	DC Coupled		_					10.94		MSG
Frequency	09:06:42 AM Apt 22, 2020 TRACE 1 2 3 4 5 6	ALIGNAUTO	Avg Type	ndae (Inlin)	- 28	1		Analyzer Sw 1 5.0750		LW RL
Auto Tune	TYPE MUMANA	8/100	Avg Hold:	e Run I0 dB	#Atten: 1	NO: Fast 🔸	P IF:			
Pour liers	-60.731 dBm	_					Bm	ef Offset 8.4 ef 8.43 di	B/div R	10 dB
Center Freq 15.075000 MHz							11.77		11.7	-1 57
				-						-116
Start Freq 150.000 kHz				-					-	-21.6
Stop Freq	-33:80-dBm								_	-31.6
30.000000 MHz										-41.6
CF Step 2.985000 MHz				-	-				1	-61.6
<u>Auto</u> Man									-	61.6
Freq Offset 0 Hz										-71.6 -
	Mary an an and the contraction of the second	when the when	human	we will be when the	atomistic and	Whenterwhile	hin-addatation	where	HANTYTEMANTAN	-61.6
	Stop 30.00 MHz 68.3 ms (1001 pts)	Sweep 36			/ 30 kHz*	#VBM		z KHz	150 kH BW 10	Start #Res
	DC Coupled					0.9 4 5				MSO
Frequency	09:06:45 AM Apr 22, 2020		Ava Type	NSE INT			AL	Analyzer Sw RF 150 9		LW RL
Auto Tune	TYPE MUMAUMA		Avg Type Avg Hold	e Run 10 dB	#Atten: 4	NO: Fast -+ Galn:Low	P IF)			Son
	4r2 25.740 GHz -29.739 dBm	IVIK					11 dB 1Bm	ef Offset 8.4 ef 30.00 (	Bidiv R	10 dB
Center Freq 13.015000000 GHz					-	1	1.2	C	1	20.0
									\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	10.0
Start Freq 30.000000 MHz				-						0.00
Stop Freq	-1 3,00 dbm									-10.0
26.00000000 GHz										20.0
CF Step 2.597000000 GHz	warming my han m			-				-		-30.0
<u>Nuto</u> Man	and the second second	and a second	montor	-	A second days	month		man	m	-40.0
Freq Offset 0 Hz										-50.0 -
10.04										-60.0
	Stop 26.00 GHz	1000			0.02		-		30 MHz	Start
	4.93 ms (1001 pts)	Sween 64	1	**	/ 3.0 MH	#VBW		MHz	BW 1.0	#Res

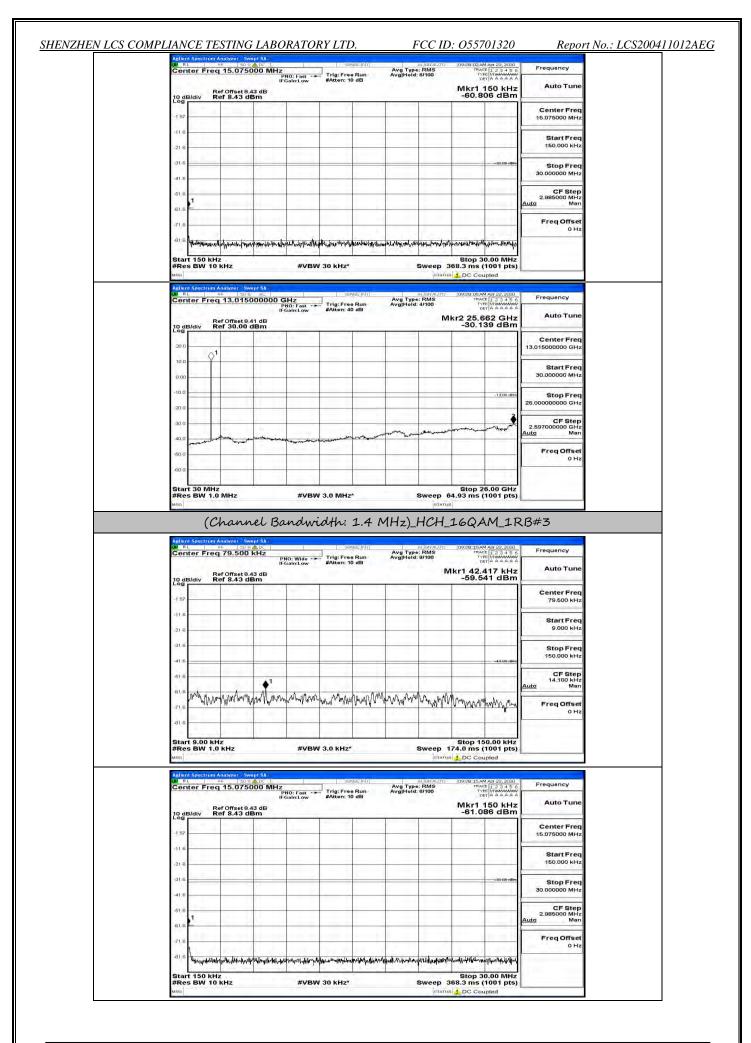
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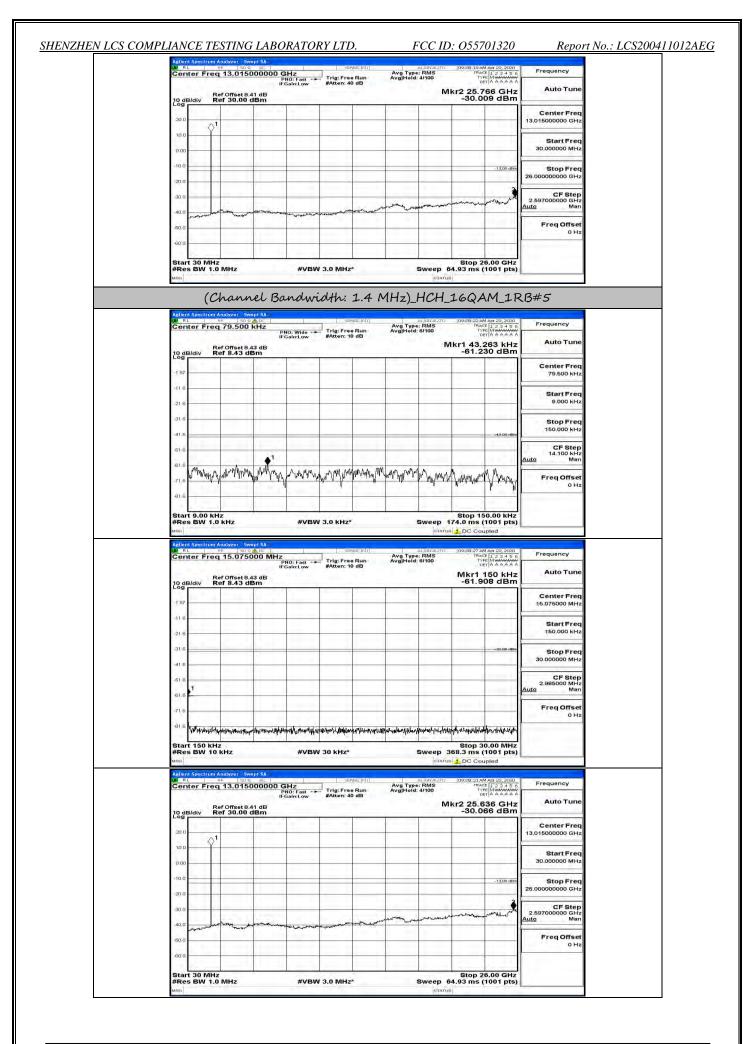
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With Tage	Center Freq 1	5.075000 MHz	NO: End	Trig: Free Bun	Avg Type: RMS Avg Hold: 8/100		TYPE MUMAPITAL A A A A A	Frequency
1.57         Center Freq 15.075000 MHz           216         316         316           316         316         30.00000 MHz           318         30.000000 MHz           328.0 m (1001 ptz)         30.000000 MHz           310         30.0150000000 GHz           310         30.0150000000 GHz           310         30.000000 MHz           310         30.000000 MHz           310         30.000000 MHz	10 dB/div Ref C		Gain:Low	#Atten: 10 dB		Mkr	1 150 kHz	Contract of the second s
216       Start Freq 150.000 kHz         316       Stop Freq 30.00000 MHz         418       Stop Trequency         418       Stop 30.00 MHz         419       Wto KHz       Stop 30.00 MHz         410       Mtra 30.00 MHz       Stop 10.00 MHz         410       Mtra 25.662 GHz       Auto Tune         10 dB/div Ref 30.00 dBm       Stop Freq         30.0       Stop Freq	1 St. 10 The 1		1					
315       316       318       3	-11.6							
416       500 PFreq 3000000 MHz         616       1	1. A.					-	-33-00 dBm	
1         2.385000 MHz           2.1         4.00								
71.6     Image: Start 150 kHz     Freq Offset       Start 150 kHz     #VBW 30 kHz*     Stop 30.00 MHz       #Rec Offset 81     Image: Stop 30.00 MHz       Image: Stop 30.00 MHz     Image: Stop 30.00 MHz       #Rec Offset 81 dB     Image: Stop 30.00 MHz       Rec Offset 81 dB     Mkr2 25.662 GHz       300     Image: Stop 30.00 MHz       100     Image: Stop 30.00 MHz <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.985000 MHz</td>	1							2.985000 MHz
all 6       Imply during the second sec							1	
#Res BW 10 kHz         #VBW 30 kHz*         Sweep 388.3 ms (1001 pts)           wro         imrainal_DC Coupled           Mind Spectrum Analyzer Sweep 3A.         imrainal_DC Coupled           Center Freq 13.015000000 GHz         Trig: Frae Run Broom Spectrum Analyzer Sweep 3A.         Frequency           Net Complex Ref 3G.00 dBm         Mkr2 259.50 dBm         Auto Tune           Iod Bildit Ref 30.00 dBm         -29.951 dBm         Center Freq 13.015000000 GHz           iod Bildit Group and the second dBm         iod second dBm         Center Freq 30.000000 GHz           iod Bildit Group and the second dBm         iod second dBm         Center Freq 30.000000 GHz           iod Bildit Group and the second dBm         iod second dBm         Center Freq 30.000000 GHz           iod Bildit Group and the second dBm         iod second dBm         Center Freq 30.000000 GHz           iod Bildit Group and the second dBm         iod second dBm         Center Freq 30.000000 GHz           iod Bildit Group and the second dBm         iod second dBm         Center Freq 30.000000 GHz           iod Bildit Group and the second dBm         iod second dBm         Center Freq 30.	-81.6 mayle for the start	ubanhalana	population	andrewspirementally-witherspire	while me was a state	planniph unions with	notion national states	UTZ
Adlend Spectrum Analyzer.         Swept SA         allend Spectrum Analyzer.         Swept Sign 2         Addend Spectrum Analyzer.         Product Spectrum Analyzer.								
Market         All		Iz.	#VBW	30 kHz*	Swee	Stop 368.3 m	30.00 MHz s (1001 pts)	
Ref Offset 8.41 dB         Mkr2 25.662 GHz         Auto Tune           10 dB/div         Ref 30.00 dBm         -29.951 dBm         Center Freq 13.01500000 GHz           300         1         -         -         -         Start Freq 30.000000 GHz           000         -         -         -         -         Start Freq 30.000000 GHz         -           000         -         -         -         -         -         Start Freq 30.000000 GHz         -           000         -         -         -         -         -         -         -           000         -	#Res BW 10 kH		#VBW	' 30 kHz*	E	p 368.3 m Tatus 🚺 DC C	s (1001 pts)	
300         Center Freq           100         1           000         Start Freq           100	#Res BW 10 kH	77ec Swept SA [190.92] AC [ 3.015000000 G	3Hz	SENSE(INT)	E	p 368.3 m Tatus 🚺 DC C	s (1001 pts) Coupled DAM Apr 22, 2020 RACE [1 2 3 4 5 6	
000	#Res BW 10 kH	72ec - Swept SA 90 9 8 8 1 3.015000000 C IF 9075et 8.41 dB	3Hz	SENSE(INT)	E	p 368.3 m Tanus 1 DC C To 109:07:1 T Mkr2 25	s (1001 pts) Coupled RACE 1 2 3 4 5 6 TYPE IMMANY DET A A A A A 5.662 GHz	Frequency
100         .1200000         .1200000         .1200000         .1200000         .12000000         .12000000         .12000000         .12000000         .12000000         .12000000         .12000000         .12000000         .12000000         .12000000         .12000000         .12000000         .12000000         .120000000000         .12000000         .1200000000000         .120000000000         .1200000000000000000         .12000000000000000000000000000000000000	#Res BW 10 KH	72ec - Swept SA 90 9 8 8 1 3.015000000 C IF 9075et 8.41 dB	3Hz	SENSE(INT)	E	p 368.3 m Tanus 1 DC C To 109:07:1 T Mkr2 25	s (1001 pts) Coupled RACE 1 2 3 4 5 6 TYPE IMMANY DET A A A A A 5.662 GHz	Frequency Auto Tune Center Freq
200 000 400 400 Freq Offset	#Res BW 10 kH	72ec - Swept SA 90 9 8 8 1 3.015000000 C IF 9075et 8.41 dB	3Hz	SENSE(INT)	E	p 368.3 m Tanus 1 DC C To 109:07:1 T Mkr2 25	s (1001 pts) Coupled RACE 1 2 3 4 5 6 TYPE IMMANY DET A A A A A 5.662 GHz	Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq
400 400 AUTO AU	#Res BW 10 kH           Addont Selectron And           M RL           Ocenter Freq 13           Center Freq 13           10 dB/div Ref 3           300           100           100	72ec - Swept SA 90 9 8 8 1 3.015000000 C IF 9075et 8.41 dB	3Hz	SENSE(INT)	E	p 368.3 m Tanus 1 DC C To 109:07:1 T Mkr2 25	s (1001 pts) Coupled	Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq
Freq Offset	#Res BW 10 kH	72ec - Swept SA 90 9 8 8 1 3.015000000 C IF 9075et 8.41 dB	3Hz	SENSE(INT)	E	p 368.3 m Tanus 1 DC C To 109:07:1 T Mkr2 25	s (1001 pts) Coupled	Frequency Auto Tune Center Freq 13.015000000 GHz 30.000000 MHz Stop Freq 25.000000000 GHz
	#Res BW 10 kH	72ec - Swept SA 90 9 8 8 1 3.015000000 C IF 9075et 8.41 dB	BHz MGrEat → GainLyw	SENSE(INT)	E	p 368.3 m ration to compare the second seco	(1001 pts)     Coupled     Coupled	Frequency           Auto Tune           Center Freq           13.015000000 GHz           Start Freq           30.000000 GHz           Stop Freq           25.0000000 GHz           2.59700000 GHz





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## **Channel Bandwidth: 3 MHz**

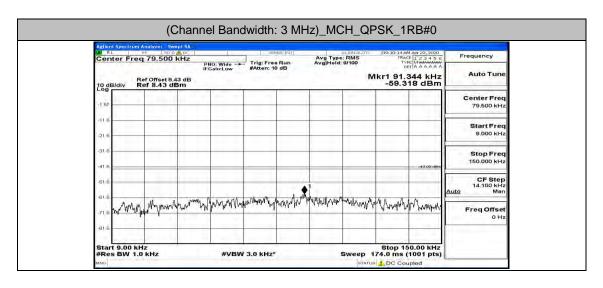
Frequency	09:08:38.4M Apt 22, 2020 TRACE 1 2 3 4 5 6 TYPE MINANY DET A A A A A A	alianauro e: RMS	Avg Tyr Avg Hol	Senta	1	alyzer - Swept SA 50 9 Ab.Dc 79.500 kHz	RF-	LX RL
Auto Tune	lkr1 90.780 kHz -57.570 dBm			#Atten: 10	PNO: Wide -+ IFGain:Low	Offset 8.43 dB 8.43 dBm	Ref	
Center Freq 79.500 kHz					-	8.43 dBm		10 dE
Start Freq								116
9.000 kHz								-21.6
Stop Freq 150.000 kHz	-43.00 dBm							-31.6
CF Step 14.100 kHz uto Man			•					-61.6
Freq Offset	Www.www.wowww	Winner	with	man may	12 martha	whening	how when a	-51.6
0 Hz							1 * 1	-81.6
-	Stop 150.00 kHz 74.0 ms (1001 pts)	Sweep 17	_	V 3.0 KHz*	#VBV	Hz	t 9.00 kHz s BW 1.0 kl	Start #Res
	DC Coupled	STATUS				alyzer Swept SA	Spectrum Anal	Aeilen
Frequency	09:08:43 AM ADI 22, 2020 TRACE 1 2 3 4 5 6 TYPE MINANANA DET A A A A A	aligNauto e: RMS i: 8/100	n Avg Tyr Avg Hol	Trig: Free F	Hz PNO: Fast -+ IFGain:Low	15.075000 Mi	RF.	LW RL
Auto Tune	Mkr1 150 kHz -58.214 dBm			#Atten: 10 i	IFGain:Low	Offset 8.43 dB 8.43 dBm	Ref C	10 dE
Center Freq 15.075000 MHz							11.7.4.7	-1 57
Start Freq			-					116
150.000 kHz	-33-00 dBm						1.000	-21.6
Stop Freq 30.000000 MHz		_						-41.6
CF Step 2.985000 MHz uto Man							2	-61.6
Freq Offset 0 Hz								-51.6
0112	and the second second second	lah Mananananan	property and a strategy and	mandumph	had and been presented by	Navadim ann an Indridiad	been appropriate the sections	-81.6
	Stop 30.00 MHz 68.3 ms (1001 pts)	Sweep 30		V 30 kHz*	#VBV	Hz	t 150 kHz 5 BW 10 kH	Start #Res
	DC Coupled	STATUS		_	_	alyzer Swept SA	Spectrum Anal	Aeilent
Frequency	09:09:47 AM Apr 22, 2020 TRACE 1 2 3 4 5 6 TYPE MINANANA DET A A A A A A	e: RMS i: 4/100	Avg Tyr Avg Hol	Trig: Free F #Atten: 40	0 GHz PNO: Fast	13.015000000	RF.	LW RL
Auto Tune	kr2 25.714 GHz -30.002 dBm	MH			in particular	Offset 8.41 dB 5 30.00 dBm	Ref C Bidiv Ref	10 dE
Center Freq 13.015000000 GHz					-	1 H		20.0
Start Freq							<u></u> 1	10.0
30.000000 MHz	13.00 dBa							-10.0
Stop Freq 26.000000000 GHz	-13,00 dtsm				_			20.0
CF Step 2.59700000 GHz uto Man	man and marker was		-	- 1. 3		See U.S.		-30.0
				and the second	- marker and a marker was		- and - and -	-40.0
Freq Offset		1			1.1			
Freq Offset 0 Hz		-			_			-60.0

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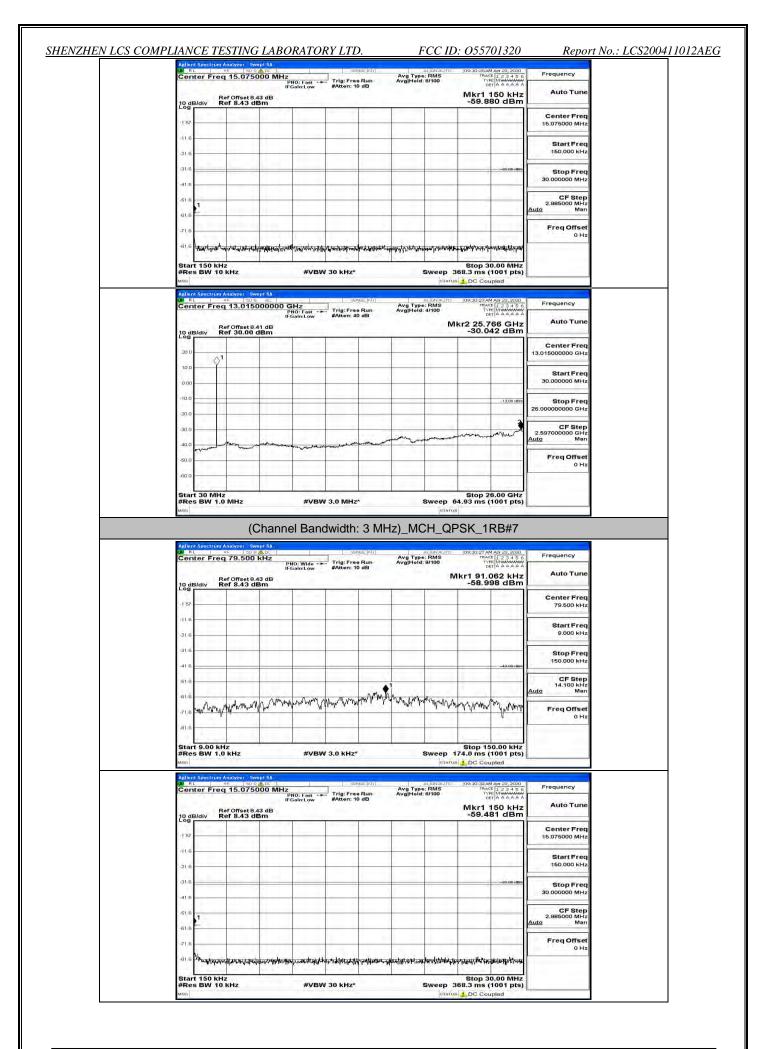
LW R		RF 50.97	LDC-	1	SENSE	INT	ALIGN AU	09:09:554	M Apr 22, 2020	Frequency
Cer	ter Fre	q 79.500 l	CHZ PN IFG	0: Wide -+ ain:Low	Trig: Free R #Atten: 22 dl	B	Avg Type: RMS Avg Hold: 9/100		CE 123456 PE MINANA A	Auto Tune
10 d	3/div	Ref Offset 8.4 Ref 8.43 dE	3 dB Sm			_		Mkr1 11. -64.3	679 kHz 92 dBm	Auto Tune
-1 57	ц. Т	1.11	1.2.2						1	Center Freq 79.500 kHz
41.6	L									
-21.6	-			_					-	Start Freq 9.000 kHz
-31.6	-			_						Stop Freq
-41.6		-							-43.00 dBm	150.000 kHz
-61.6										CF Step 14.100 kHz Auto Man
-61.6	A. du									
-71.6	U ANNO	Mandon MMW	n/huwww	A writin here			and and the second second	5 1	0.7.01	Freq Offset 0 Hz
-81.6	3	1.0.1		n - Add	han albertable haves	Alaman	with and high with shi	handrenance	www.www.	
	t 9.00 k s BW 1			#VBW	3.0 kHz*			Stop 1 174.0 ms		
MSG							FT	TUS LDC Co	upled	
LW R	L	Analyzer Swe ⊯ 15.0750		1	service.	inir]	Avg Type: RMS Avg Hold: 9/100	109:09:04 x TRA	M Apr 22, 2020 CE 1 2 3 4 5 6 PE M MANAMA ET A A A A A A	Frequency
			PN	IO: Fast -+ ain:Low	#Atten: 16 dl	B	Avg Hold: 9/100		150 kHz	Auto Tune
10 di Log	3/div	Ref Offset 8.4 Ref 8.43 dE	3 dB Sm	_		- 1	-	-71.9	071 dBm	
-1 57			11	-						Center Freq 15.075000 MHz
-11.6				-						Start Freq
-21.6										150.000 kHz
-31.6	_								-33-00-dBm	Stop Freq 30.000000 MHz
-41.6										
-61.6				1.0						CF Step 2.985000 MHz Auto Man
-61.6	1									Freq Offset
1.0		-						-		0 Hz
Aglier	t 150 kl s BW 1 I Spectrum	Analyzet Swe	pt SA	#VBW	Nigraluchandradu 1 30 kHz* servee		POT	Stop 368.3 ms	00.00 MHz (1001 pts) upled	Fraguency
-61.6 Star #Re Miso Asiler Cer	t 150 kl s BW 10 I Spectrum ter Fre	Hz ) KHz	pt SA ac 00000 Gi PN IFG 1 dB	#VBW	30 kHz*		Sweet	Stop : 368.3 ms 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.0000007/ 0.0000007/ 0.0000007/ 0.00000007/ 0.00000007/ 0.0000000000	00.00 MHz (1001 pts) upled M ADI 22,2020 CE [123456 DE [MIMMANA EET A A A A A A	Frequency Auto Tune
-81.6 Star #Re Misc Aster Cer	t 150 kl s BW 10 I Spectrum ter Fre	dz D KHz Małyzer Swe wr 2000 q 13.0150	pt SA ac 00000 Gi PN IFG 1 dB	#VBW	30 kHz*		Sweet	Stop : 368.3 ms 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.0000007/ 0.0000007/ 0.0000007/ 0.00000007/ 0.00000007/ 0.0000000000	Mapr22, 2020 CE 1 2 3 4 5 6 CE 1 2 3 4 5 6 FE Manager A A A A A A 740 GHz	
-81,6 Stata #Re were Mark Ger Logi 20 D	t 150 kl s BW 10 I Spectrum ter Fre	dz D KHz Małyzer Swe wr 2000 q 13.0150	pt SA ac 00000 Gi PN IFG 1 dB	#VBW	30 kHz*		Sweet	Stop : 368.3 ms 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.000007/ 0.0000007/ 0.0000007/ 0.0000007/ 0.00000007/ 0.00000007/ 0.0000000000	Mapr22, 2020 CE 1 2 3 4 5 6 CE 1 2 3 4 5 6 FE Manager A A A A A A 740 GHz	Auto Tune Center Freq 13.01500000 GHz Start Freq
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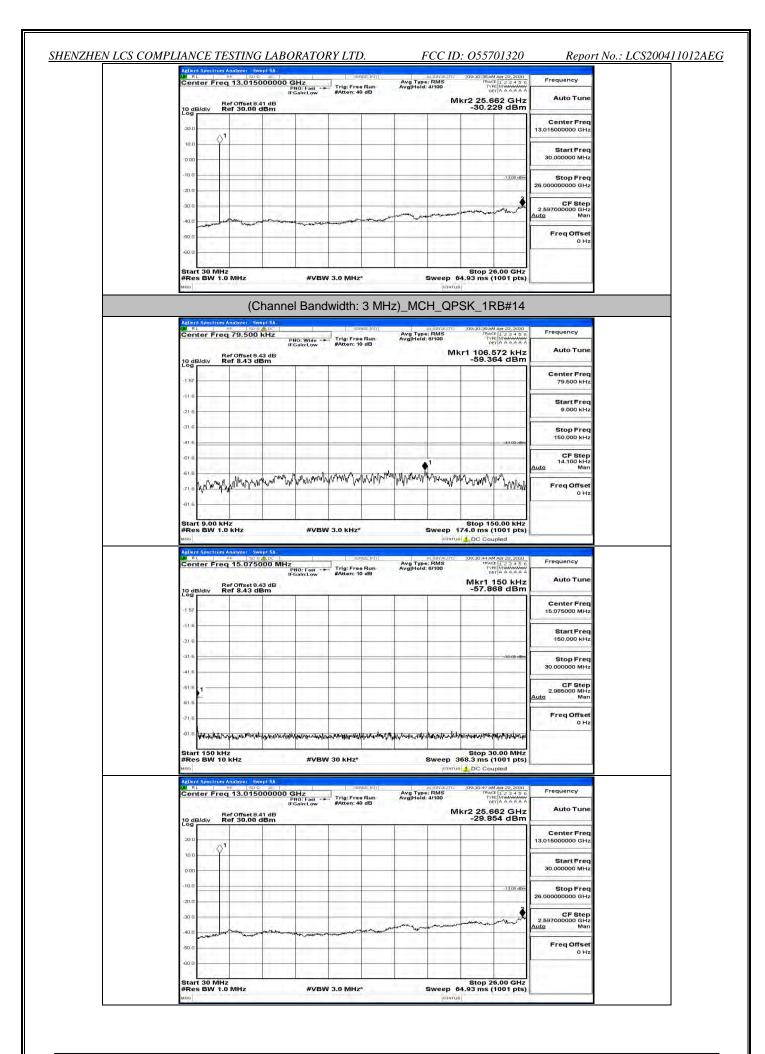
LW RL	um Analyzer - Sr RF 150	R ALDC		390	SEINT		ALIGNAUTO	09:09:20 A	4 Apr 22, 2020	
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	and the second sec									
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#Res         BW           wno         Aclient Sector           Aclient Sector         I           Center Fi         I           200         I	10 KHz	0000000 C	SHZ Fast	sen	Run	Ava Tvo	aLIGNAUTO e: RMS : 4/100	109:09:23 AM	1001 pts) ipled MAR 20,2000 MAR 20,2000 IPLA 21 45 0 IPLA 21 45 0 I	Frequency Auto Tune Center Freq 30.0500000 GHz Start Freq 30.000000 MHz 25.0000000 GHz 25.0000000 GHz 2.55700000 GHz



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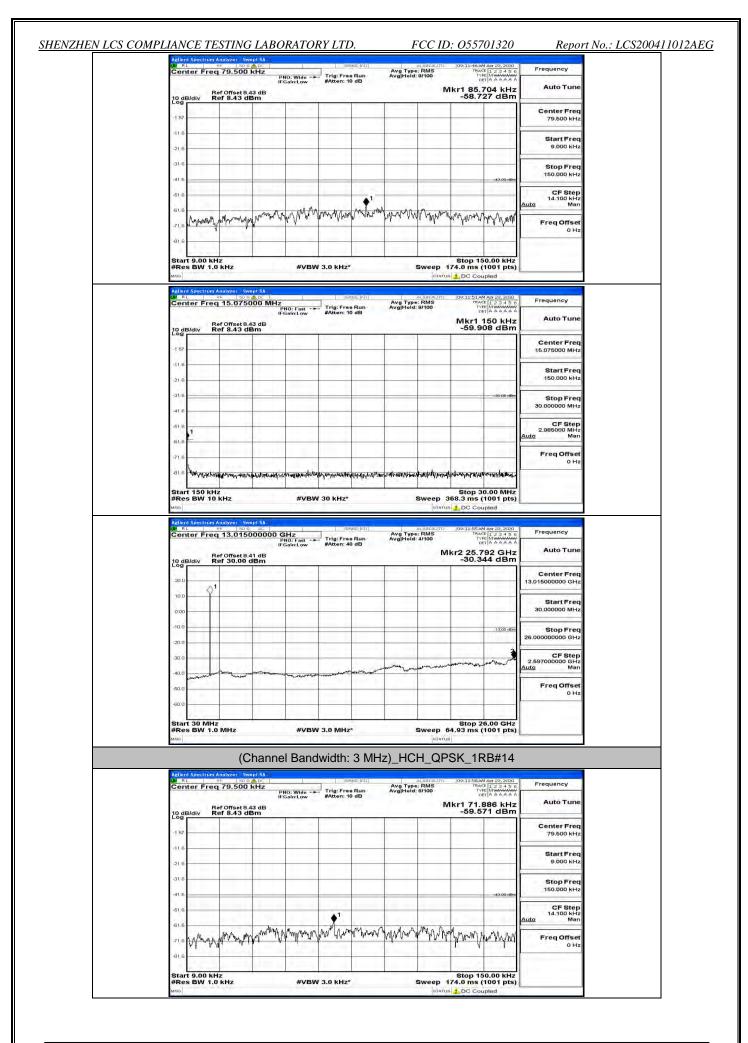


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## 20 Report No.: LCS200411012AEG

Agilent Spec UM RL Center	RE	50.9 /	Hz	0.100	CARDING TO A	e Run	Avg Type Avg Hold:	RMS	09:11:34 AM TRAC TVI	1 Apr 22, 2020 E 1 2 3 4 5 6 E Minimum T A A A A A A	Frequency
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10 dB/div	Ref	8.43 dB	m				-	-	-59.5	28 dBm	Center Freq
-1 57	-										79.500 kHz
-11.6					_				_		Start Freq 9.000 kHz
-31.6										-43.00 dBm	Stop Freq 150.000 kHz
-61.6											CF Step 14.100 kHz
61.6			. MAGA	the marth	n MM M	man	manny	Mus Am.		in L. R.	Auto Man
-71.6 MyW	My How	WW WWW	/*" YUV"	nad and by	μη : · · Η ·	1 martine a		ւ . «Իմուն	יייאאייי אי	www.hwyy	Freq Offset 0 Hz
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MSG Agilent Spec	RE	50 9 /	DC	1	38	NSE:INT		AL IGN AUTO	DC Cou	4 Apr 22, 2020	Frequency
Center	Ref C	5.0750 Offset 8.43 8.43 dB	PH IFG 3 dB	10: Fast 🕞 🕨	Trig: Fre #Atten: 1	e Run 0 dB	Avg Type Avg Hold:	8/100	Mkr1	150 kHz	Auto Tune
10 dB/div											Center Freq 15.075000 MHz
-11.6											Start Freq 150.000 kHz
-31.6										-33-00-dBm	Stop Freq
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Start 15 #Res BV		łz.		#VBW	30 kHz*					0.00 MHz 1001 pts)	
Agilent Spec	etrum Anal	lyzer Swej	AT SA		599	NSEINT					
Center	Freq 1	3.0150	00000 G	Hz 10: Fast -+ Jain:Low	Trig: Fre- #Atten: 4	e Run 0 dB	Avg Type Avg Hold:	: RMS 4/100	TRAC	A A A A A A A A	Frequency
10 dB/div	Ref C Ref	offset 8.4* 30.00 d	Bm					м	kr2 25.6 -30.1	36 GHz 05 dBm	Auto Tune
20.0	- 10			-	-				-		Center Freq 13.015000000 GHz
10.0	\$ <sup>1</sup>	- 11	-						· · · · · ·		
0.00											Start Freq 30.000000 MHz
-10.0										-1 3,00 dbm	Stop Freq
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40.0	Ambarto	Mar and		ered and all and a	- Treasure for galling and the second	the second second	- ballenter				FreqOffset
										1	0 Hz
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-50.0				-						6.00 GHz	

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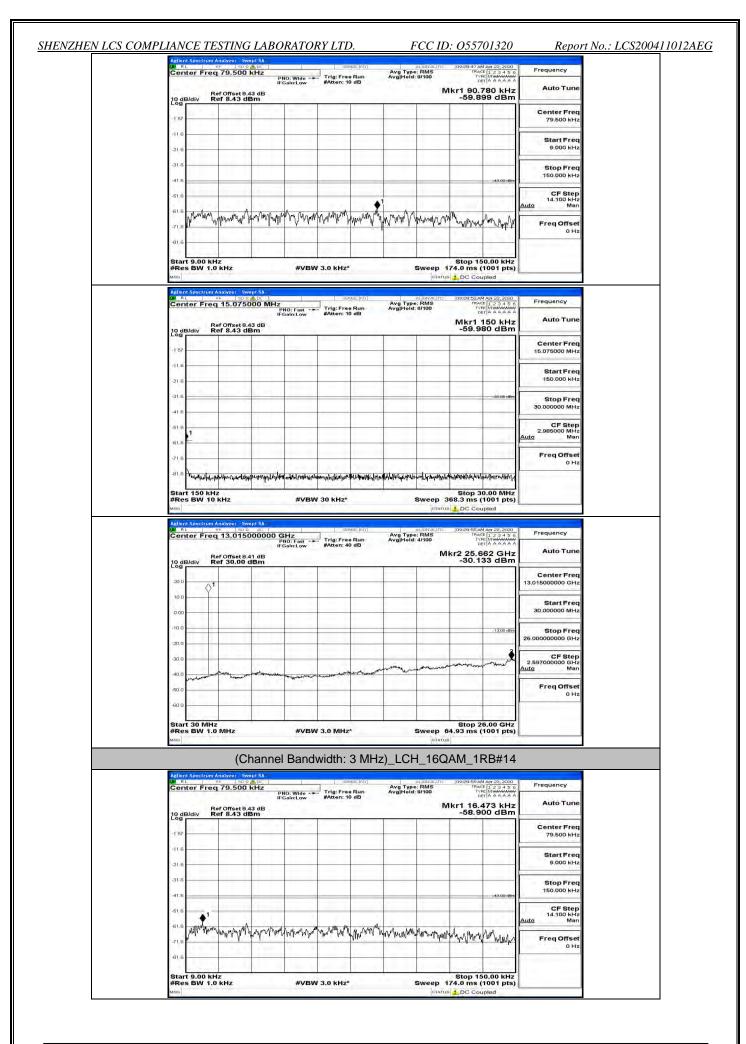
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Ref Offset 8.43 dB     Auto Tune       100 dB/dv     Ref 8.43 dBm     -63.038 dBm       111     -63.038 dBm       112     -63.038 dBm       113     -63.038 dBm       114     -63.038 dBm       115     -61.0       116     -63.038 dBm       118     -61.0       118     -61.0       118     -61.0       118     -61.0       118     -61.0       118     -61.0       118     -61.0       118     -61.0       118     -61.0       118     -61.0       118     -61.0       118     -61.0       118     -61.0       118     -61.0       119     -61.0       110     -61.0       111     -61.0       118     -61.0       119     -61.0       110     -61.0       110     -61.0       110     -61.0       1110     -61.0       1110     -61.0       110     -61.0       110     -61.0       110     -61.0       110     -61.0       110     -61.0       110     -61.0       11	Center F	req 15.075	000 MHz	NO: Fast -+ Gain:Low	Trig: Free F #Atten: 10	Run A	vg Type: RMS vg Hold: 8/100		03AM Apt 22, 2020 TRACE 1 2 3 4 5 6 TYPE MINANAAA DET A A A A A A	Frequency
157         Center Freq           116         1	10 dB/div	Ref Offset 8 Ref 8.43 d		Gain:Low	whiten: io	ub		Mki -63	1 150 kHz	A DECEMBER OF THE PLAN PROPERTY OF
216       Start Freq         318       Stop Freq         418       Stop Freq         618       Stop Freq         818       CF Step         818       Stop Freq         818       Stop Stop Stop Stop Stop Stop Stop Stop	133 III **	+ 11 ==	11-11							
315     316 <td></td>										
418         30.000000 MHz           618         CF Step           618         CF Step           618         CF Step           716         CF Step           818         Multiply Mydly		1	2-13						-33-80-dBm	
31.6         2.985000 MHz           31.6	-41 6								_	
718     Freq offset       318     Hulppy, Respective State       318     Hulppy, Respective State       318     Hulppy, Respective State       Start 150 KHz     #VBW 30 KHz*       Start 16 KHz     #VBW 30 KHz*       Start 17 Frequency     Auto 100 KHz       Start 17 Frequency     Start 17 Frequency       Start 17 Frequency     Start 17 Frequency       Start 17 Frequency     Star										2.985000 MH
31 8       Walking of head shipled on the last of									-1/11-000-01	
#Res BW 10 kHz         #VBW 30 kHz*         Sweep 368.3 ms (1001 pts)           ursc         intrainal_ptc Coupled           intrainal_ptc Coupled         intrainal_ptc Coupled           Center Freq 13.015000000 GHz         Trig: Free Run Broin Low         Avg Hve: RMS Avg Hvid: 4/100         intrainal_ptc Coupled           10 dbl/div         Ref Offset 8.41 dB         Mkr2 25.688 GHz -30.410 dBm         Frequency           10 dbl/div         Ref Offset 8.41 dB         30.410 dBm         Center Freq 30.000 dBm         Center Freq 25.680 GHz         Auto Tune           10 dbl/div         Ref Offset 8.41 dB         Genter Freq 30.000 dBm         Start Freq 30.0000 GHz         Start Freq 30.00000 GHz         Center Freq 30.00000 GHz         Center Freq 30.00000 GHz         Start Freq 30.00000 GHz         Start Freq 30.000000 GHz         Start Freq 30.00000 GHz         Start Freq 30.000000 GHz         Start Fr	-81.6		1					dual to at stat	Real front a survivator	
Adjient Spectrum Analyzer     Sweet SA W RL     Strekt [1] (12,2,3,5,000)     Automatics (12,2,3,5,000)     Frequency (12,2,3,5,000)       Center Freq 13.015000000 GHz     Trig: Free Run PR0: Load     Avg Type: RMS AvgHold: 5/00     More 12,2,3,4,5,000 More 12,2,3,4,5,000     Frequency       200 dB/dv     Ref Offset 8.41 dB     Mkr2,2,5,688 GHz     Center Freq 13.01500000 GHz     Auto Tune       200 dB/dv     Ref 30.00 dBm     Genter Freq 30.000 GHz     Stop Freq 25.000000 GHz     Center Freq 13.01500000 GHz       300 d0     1     1     1300 dBm     Center Freq 13.01500000 GHz     Stop Freq 25.000000 GHz       300 d0     1     1     1300 dBm     Stop Freq 25.000000 GHz     Stop Freq 25.0000000 GHz       300 d0     1     1     1     Stop Freq 25.000000 GHz     Stop Freq 25.000000 GHz       300 d0     1     1     1     Tree Offset     Stop Freq 2.59700000 GHz	wwww	white the state of	wartenbaarsen Marton	Non-burger line from	when any an internation	artholy with which	where we wanted	and a substantion of the same	Martikors 404 Au	
M Rt         Image: Top of an analysis of the state	Start 150	kHz	Universition of the state of th	Les a	1000 C	urther have	1000	Sto	p 30.00 MHz	
Ref Offset 8.41 dB         Mkr2 25,688 GHz -30.410 dBm         Auto Tune           20 dBJdiv         Ref 30.00 dBm         -30.410 dBm         Center Freq 13.01500000 GHz           20 dBJdiv         1         -30.410 dBm         Center Freq 13.01500000 GHz           000         -1         -30.410 dBm         Start Freq 30.00000 MHz           20.0         -30.410 dBm         -50.410 dBm         Start Freq 30.00000 GHz           000         -30.410 dBm         -50.410 dBm         Start Freq 30.000000 GHz           20.0         -30.410 dBm         -50.410 dBm         Start Freq 30.000000 GHz           000         -50.00         -50.410 dBm         -50.410 dBm	Start 150 #Res BW	kHz 10 kHz	0	Les a	1000 C	ardon and an and an	Swe	Sto p 368.3 n	p 30.00 MHz 1s (1001 pts)	
200         Center Freq           100         13.01500000 GHz           100         13.01500000 GHz           100         13.00000 GHz           100         1300000 GHz           200         1300000 GHz           200         1300000 GHz           100         100000 GHz           100         1	Adlent Spect	KHZ 10 KHZ um Analyzer Sw 96 50 5	vept SA 2 AIC 000000 C	#VBW	/ 30 kHz*	E.M. A	Swe	Sto p 368.3 n manus <u>1</u> DC	D 30.00 MHz 15 (1001 pts) Coupled 07 AM Apr 22, 2020 TRACE 1 2 3 4 5 6 TYPE TYPE TYPE	
0.00         Start Freq 30.00000 MHz           100         130000           20.0         130000           30.0         5top Freq 26.0000000 GHz           30.0         CF Step 2.59700000 GHz           40.0         CF Step 40.0           50.0         Freq Offset	Aglient Spectri Wild Aglient Spectri Off RL Center F	kHz 10 kHz um Analyzer Sw PF SO1 reg 13.015	лерт SA 2 діс. 0000000 Г ПЕ	#VBW	/ 30 kHz*	E.M. A	Swe	Sto p 368.3 n manus <u>1</u> DC uro 109:12: Mkr2 2	p 30.00 MHz ns (1001 pts) Coupled	Frequency
000	Start 150 #Res BW MIC Adlini Specin MIC RL Center F	kHz 10 kHz um Analyzer Sw PF SO1 reg 13.015	лерт SA 2 діс. 0000000 Г ПЕ	#VBW	/ 30 kHz*	E.M. A	Swe	Sto p 368.3 n manus <u>1</u> DC uro 109:12: Mkr2 2	p 30.00 MHz ns (1001 pts) Coupled	Frequency Auto Tune Center Frec
20.0 30.0 40.0 40.0 50.0 40.0 50.0	Adlent Speer Mino Adlent Speer Mino Center F	kHz 10 kHz um Analyzer Sw PF SO1 reg 13.015	лерт SA 2 діс. 0000000 Г ПЕ	#VBW	/ 30 kHz*	E.M. A	Swe	Sto p 368.3 n manus <u>1</u> DC uro 109:12: Mkr2 2	p 30.00 MHz ns (1001 pts) Coupled	Frequency Auto Tunc Center Frec 13.01500000 GHz Start Frec
40.0 2.69700000 GHz Auto Man Freq Offset	Addient Spectr Addient Spectr Center F 10 dB/div 200 100 0.00	kHz 10 kHz um Analyzer Sw PF SO1 reg 13.015	лерт SA 2 діс. 0000000 Г ПЕ	#VBW	/ 30 kHz*	E.M. A	Swe	Sto p 368.3 n manus <u>1</u> DC uro 109:12: Mkr2 2	D 30.00 MHz s (1001 pts) Coupled Or Anne 22 2020 Prove 12 2 4 2 5 Prove 14 2 2 4 2 5 Prove 14 2	Frequency Auto Tune 13.0 1500000 GHz Start Frec 30.000000 MHz
Freq Offset	PAQAY           Start 150           #Res BW           Marcine           Adlem Record           IO dB/div           200           10.0           10.0	kHz 10 kHz um Analyzer Sw PF SO1 reg 13.015	лерт SA 2 діс. 0000000 Г ПЕ	#VBW	/ 30 kHz*	E.M. A	Swe	Sto p 368.3 n manus <u>1</u> DC uro 109:12: Mkr2 2	D 30.00 MHz s (1001 pts) Coupled Or Anne 22 2020 Prove 12 2 4 2 5 Prove 14 2 2 4 2 5 Prove 14 2	Frequency Auto Tunc Center Frec 13.01500000 GHz Start Frec 30.000000 MHz Stop Frec
	PA(A)           Start 130           #Res BW           Main Street           Center F           10 dB/dtv           200           100           200           100           200           200           200           200           200           200	kHz 10 kHz um Analyzer Sw PF SO1 reg 13.015	лерт SA 2 діс. 0000000 Г ПЕ	#VBW	/ 30 kHz*	E.M. A	Swe	Sto p 368.3 n manus <u>1</u> DC uro 109:12: Mkr2 2	D 30.00 MHz ns (1001 pts) Coupled Unama 22.000 Tract [23 4 5 c Tree [Maxware 5, 688 GHz 5,688 GHz 9,410 dBm	Frequency Auto Tune Center Frec 13.0 1500000 GHJ Start Frec 25.0000000 GHJ Stop Frec 25.0000000 GHJ

FCC ID: 05570	01320

Adlent Spectrum Analyzer W RL 95 Center Freq 79.5	509 kHz	service: Infin	Avg Type: RMS Avg Hold: 8/100	UTO 09:09:35 AF	M Apr 22, 2020	Frequency
Ref Offs	PNO: Wide IFGain:Low et 8.43 dB	#Atten: 10 dB	Avg Held: 8/100	Mkr1 16.	896 kHz 83 dBm	Auto Tune
10 dB/div Ref 8.4						Center Freq 79.500 kHz
41.6						Start Freq
-21.6						9.000 kHz
-31.6					-43.00 dBm	Stop Freq 150.000 kHz
-51.6						CF Step 14.100 kHz Auto Man
	WW MANY WWW. WWW.	many May Manual	mannuman	mannapan	mana	Freq Offset 0 Hz
-81.6 Start 9.00 kHz					50.00 kHz	
#Res BW 1.0 kHz	#VI	3W 3.0 KHz*		ep 174.0 ms (	1001 pts)	
Agilent Spectrum Analyzer	50 9 A DC - F	SENGELINIT	ALIGNA Avg Type: RMS	UTO 09:09:40A	M Apr 22, 2020	Frequency
	PNO: Fast IFGain:Low 3 dBm	Trig: Free Run #Atten: 10 dB	Avg Held: 8/100	Mkr1	150 kHz 01 dBm	Auto Tune
-1 57						Center Freq 15.075000 MHz
-21.6						Start Freq 150.000 kHz
-31.6						Stop Freq 30.000000 MHz
-51 6						CF Step 2.985000 MHz Auto Man
-61.6						Freq Offset
-81.6 martally through april	un and the second of the second second	Hondriventer	สมรถนามู่เหลายการเหลือ	ultrates an entropy and the	Vincontrationspace	0 Hz
Start 150 kHz #Res BW 10 kHz	#VI	30 kHz*	Swee	Stop 3 ap 368.3 ms (	0.00 MHz 1001 pts)	
MSG Agilent Spectrum Analyzer	Swept SA		Y	STATUS LDC COL	upled	
Center Freq 13.0	30 Q AC	Trig: Free Run #Atten: 40 dB	Avg Type: RMS Avg Hold: 4/100	100:00:43A TRAC TVI	M Apr 22, 2020 = 1 2 3 4 5 6 PE MMMMMM ET A A A A A A	Frequency
10 dB/div Ref 30.	et 8.41 dB .00 dBm			Mkr2 25.7		Auto Tune
20.0						Center Freq 13.015000000 GHz
10.0						Start Freq
0.00						30.000000 MHz
20.0					-13,00 dtim	Stop Freq 26.000000000 GHz
-30.0				montenation	mont	CF Step 2.597000000 GHz Auto Man
40.0 mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm	- man	and a state of the second s				Freq Offset
100.0						0 Hz
-60.0				-		

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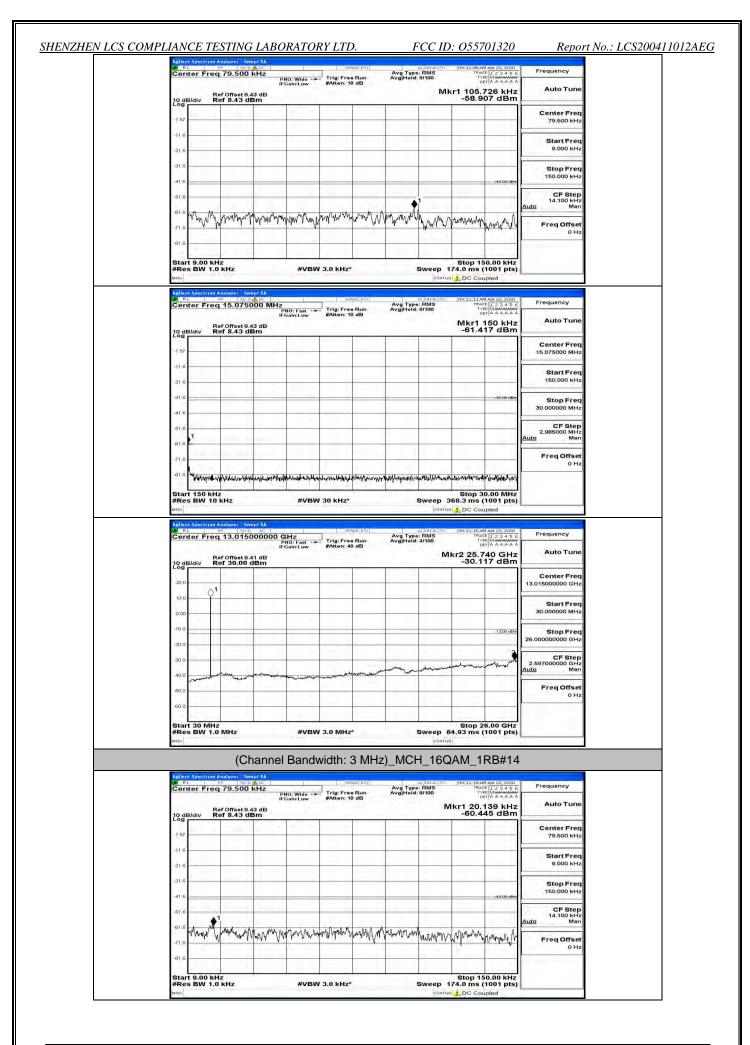
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Center F	req 15.075	000 MHz	NO: Fast	Trig: Free Run #Atten: 10 dB	Avg Type Avg Hold:	: RMS 8/100	AA PO:01:00] TRAC TVI DI	1 Apr 22, 2020 E 1 2 3 4 5 6 E Minimum T A A A A A A	
10 dB/div	Ref Offset 8. Ref 8.43 d	43 dB					Mkr1 -60.2	150 kHz 15 dBm	Auto Tune
-1 57	+ 11-	11-11							Center Freq 15.075000 MHz
-116						-			Start Freq
-21.6	1	1-11						-33-00-dBm	150.000 kHz
-41.6						_			Stop Freq 30.000000 MHz
-51.6									CF Step 2.985000 MHz Auto Man
-61.6									Freq Offset 0 Hz
-61.6 Nuella	1	1		Seal Serve			e a la trate : a		0112
1001 10	THE MAL ANY ALA	under the state of	anningantiana	looken allahila herebistani	www.waradatheard	waterwater	And of the south Albert	and an	
Start 150 #Res BW	kHz	lann-waynhuri	#VBW 3		110000	Sweep 3	Stop 3 68.3 ms (	0.00 MHz 1001 pts)	
Start 150 #Res BW	KHZ 10 KHZ um Analyzer Sv	vept SA		30 kHz*		Sweep 3	Stop 3 68.3 ms (	0.00 MHz 1001 pts) Ipled	
Start 150 #Res BW MSG Astlent Spect	kHz 10 kHz	2 AC 000000 G	#VBW 3			Sweep 3  STATUS  STATU	Stop 3 68.3 ms ( DC Cou 109:10:07 AA TRAC 111 0	0.00 MHz 1001 pts) apled 4 Apr 22, 2020 1 1 2 3 4 5 6 1 2 3 4 5 6 1 4 A A A A A	Frequency
Start 150 #Res BW MSG Astlent Spect	KHZ 10 KHZ Pm Analyzer Sw Ph 150 S	иерт SA 2 дад 0000000 С Р IF1	#VBW 3	30 kHz*	Avg Type	Sweep 3  STATUS  STATU	Stop 3 68.3 ms ( DC Cou 109:10:07 AA TRAC 111 0	0.00 MHz 1001 pts) ipled	1000 ( B) ( C)
Start 150 #Res BW Mileni Spectr Center F 10 dB/div 20 0	kHz 10 kHz ** 100 req 13.015 Ref Offset 8 Ref 30.00	иерт SA 2 дад 0000000 С Р IF1	#VBW 3	30 kHz*	Avg Type	Sweep 3  STATUS  STATU	Stop 3 68.3 ms ( DC Cou 109:10:07 AA TRAC 111 0	0.00 MHz 1001 pts) apled 4 Apr 22, 2020 1 1 2 3 4 5 6 1 2 3 4 5 6 1 4 A A A A A	1000 ( B) ( C)
Start 150 #Res BW MIO Action Spect Center F 10 dB/div 20 0	kHz 10 kHz um Analyzer Sw PF 5005 reg 13.015	иерт SA 2 дад 0000000 С Р IF1	#VBW 3	30 kHz*	Avg Type	Sweep 3  STATUS  STATU	Stop 3 68.3 ms ( DC Cou 109:10:07 AA TRAC 111 0	0.00 MHz 1001 pts) apled 4 Apr 22, 2020 1 1 2 3 4 5 6 1 2 3 4 5 6 1 4 A A A A A	Auto Tune Center Freq 13.01500000 GHz Start Freq
Start 150 #Res BW Aglent Spectr Center F 10 dB/div 20 0	kHz 10 kHz ** 100 req 13.015 Ref Offset 8 Ref 30.00	иерт SA 2 дад 0000000 С Р IF1	#VBW 3	30 kHz*	Avg Type	Sweep 3  STATUS  STATU	Stop 3 68.3 ms ( DC Cou 109:10:07 AA TRAC 111 0	0.00 MHz 1001 pts) apled 4 Apr 22, 2020 1 1 2 3 4 5 6 1 2 3 4 5 6 1 4 A A A A A	Auto Tune Center Freq 13.015000000 GHz
Start 150 #Res BW Million Specif Center F 10 dB/div 200 10 0	kHz 10 kHz ** 100 req 13.015 Ref Offset 8 Ref 30.00	иерт SA 2 дад 0000000 С Р IF1	#VBW 3	30 kHz*	Avg Type	Sweep 3  STATUS  STATU	Stop 3 68.3 ms ( DC Cou 109:10:07 AA TRAC 111 0	0.00 MHz 1001 pts) ipled	Auto Tune
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Start 150 #Res BW and Addard Spect Contor F L0 dB/div 10 0 	kHz 10 kHz ** 100 req 13.015 Ref Offset 8 Ref 30.00	иерт SA 2 дад 0000000 С Р IF1	#VBW 3	30 kHz*	Avg Type	Sweep 3  STATUS  STATU	Stop 3 68.3 ms ( DC Cou 109:10:07 AA TRAC 111 0	0.00 MHz 1001 pts) ipled	Auto Tune

Center Freq 79.500 kH		Run Avg Hold: 9/10	AUTO 09:10:54 AM Apr 22, 202 S TRACE 1 2 3 4 5 TYPE MWAAWAA DET A A A A A	6 Frequency
Ref Offset 8.43 d 10 dB/div Ref 8.43 dBm Log	1B	45	Mkr1 19.857 kH -58.891 dBr	z Auto Tune
-1 57				Center Freq 79.500 kHz
-21.6				Start Freq 9.000 kHz
-31.6				Stop Freq 150.000 kHz
-51.6			-43.00 rtB	CF Step 14.100 kHz
101.0 Aporto Martine April	New Mary Many and margary	white when white white	man man proven	Freq Offset
-81,6				0 Hz
Start 9.00 kHz #Res BW 1.0 kHz	#VBW 3.0 kHz*	Swe	Stop 150.00 kH ep 174.0 ms (1001 pt	z 3)
Agilent Spectrum Analyzer - Swept	DC SER	se:NT Augn	STATUS DC Coupled	Frequency
Center Freq 15.075000 Ref Offset 8.43 d 10 dB/div Ref 8.43 dBn	PNO: Fast Trig: Free IFGain:Low #Atten: 10	Avg Type: RM Run Avg Hold: 8/10 dB	S TRACE 12345 OPERATION OF TRACE 12345 OPERATION OF TRACE 12345 OPERATION OF TRACE 12345 OPERATION OF TRACE 12345	Auto Tune
10 dB/div Ref 8.43 dBm				Center Freq 15.075000 MHz
-11.6				Start Freq 150.000 kHz
-21.6			-38-00 dE	Stop Freq
-41.6				30.000000 MHz
-61.6				2.985000 MHz <u>Auto</u> Man
-71.6	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	stationer Abda – a marifiede het om de a	mada. Malacada Inc. 4. Historia	Freq Offset 0 Hz
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*	<u> </u>	Stop 30.00 MH ep 368.3 ms (1001 pt	z
MSG Agilent Spectrum Analyzer - Swept			STATUS LDC Coupled	
Center Freq 13.01500	DOOO GHz PNO: Fast IFGain:Low #Atten: 40	Run Avg Hold: 4/100 dB	DET A A A A A	A
10 dB/div Ref 30.00 dB	m la		Mkr2 25.714 GH -30.336 dBr	
20.0 10.0 0				13.015000000 GHz
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-30,0			and a second and the	CF Step 2.597000000 GHz Auto Man
-40.0	manus and and and and and	and the second s		Freq Offset 0 Hz
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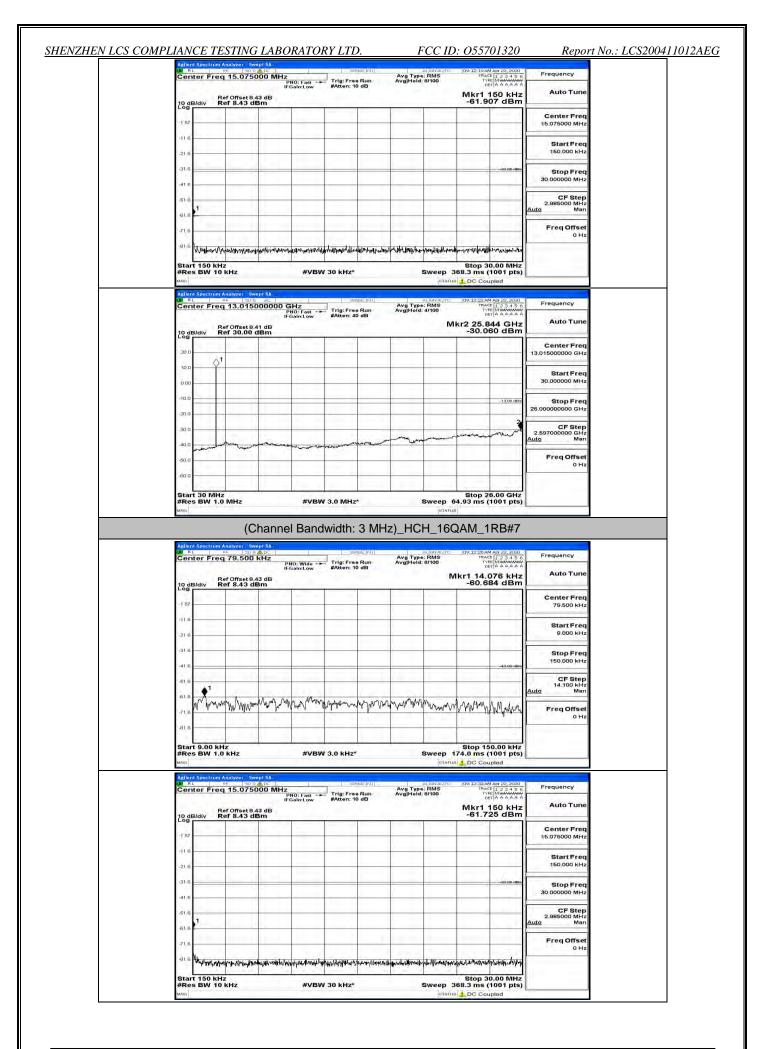


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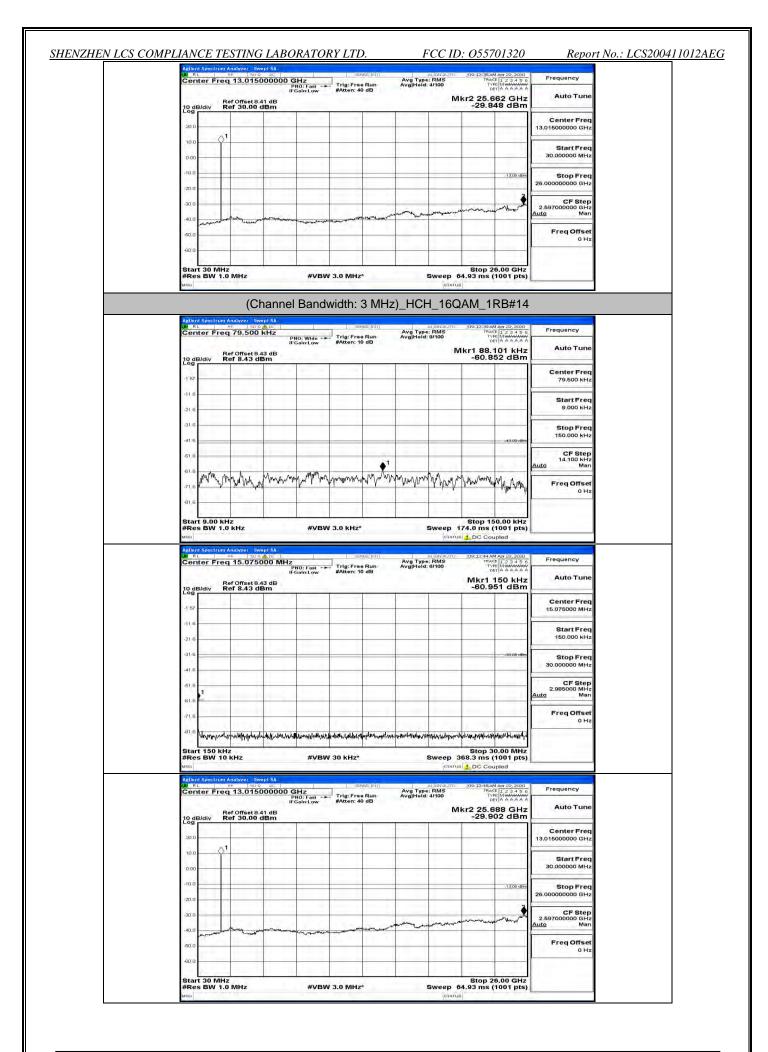
Center Freq 15.075000 MHz     Frequency     Avg Type: RMS     Avg Type: RMS     True Type: True Type: T	1	1	391	USE:INT		LIGNAUTO		4 Apr 22, 2020	Frequency
10 dBddv       Ref 8.43 dBm <sup>D</sup> -59.271 dBm         110 dBdv       Ref 8.43 dBm <sup>D</sup> -59.271 dBm         111	PN IFG	10: Fast -+ Jain:Low	#Atten: 10	e Run 0 dB	Avg Type Avg Hold:	8/100	Mkr1	150 kHz	205 ( 2
1157       115.075000 MHz         116       115.075000 MHz	1						-59.2	71 dBm	1
216     Start Freq       316     Stop Freq       317     Stop Freq       318     Stop Freq       319     Stop Freq       316     Stop Freq       316     Stop Freq       317     Stop Freq       318     Stop Freq       319     Stop Freq       316     Stop Freq       317     Stop Freq       318     Stop Freq       319     Stop Freq       319     Stop Freq       320     Stop Freq									
316									
415								-33-00-dBm	1.0000
1       2.385000 MHz         1.0       1.0         1.0									30.000000 MH
71.6     Freq Offset       81.6     Https://www.edu/like/ik/ik/ik/ik/ik/ik/ik/ik/ik/ik/ik/ik/ik/						-			2.985000 MH
B1 6       Hulph Lutrin Annue Anthone			-						
Ref Offset 8.41 dB     State [17]     Also Addutto     Doc1.127 AM Act 20, 2000     Frequency       Ref Offset 8.41 dB     Avg Type: RMS     MRkr2 25, 714 GHz     Auto Tune       0 dB/du/ Ref 30.00 dBm     -28, 922 dBm     Center Freq       0 dB/du/ Ref 30.00 dBm     -28, 922 dBm     State Freq       0 dB/du/ Ref 30.00 dBm     -28, 922 dBm     Center Freq       0 dB/du/ Ref 30.00 dBm     -28, 922 dBm     Center Freq       0 dB/du/ Ref 30.00 dBm     -28, 922 dBm     Center Freq       0 dB/du/ Ref 30.00 dBm     -28, 922 dBm     Center Freq       0 dB/du/ Ref 30.00 dBm     -28, 922 dBm     Center Freq       0 dB/du/ Ref 30.00 dBm     -28, 922 dBm     Center Freq       0 dB/du/ Ref 30.00 dBm     -28, 922 dBm     Center Freq       0 dB/du/ Ref 30.00 dBm     -28, 922 dBm     Center Freq       0 d0     -1     -1     -1       0 d0     -1     -1       0 d0						MUNICAPITY IN THE REAL OF T	A Chant Marth	Web Laboration and Lan	
Rt     Image: Arrow of the second secon	maline parties	2013		a di na anti anti	1.000	10.2001	Stop 3 68.3 ms (	0.00 MHz 1001 pts)	
Ref offset 8 41 dB         Mkr2 25.714 GHz         Auto Tune           200	well-stand land	2013		Annation	1.000	Sweep 3	68.3 ms (	1001 pts)	
Do del/div         Ref 30.00 dBm        29.922 dBm           300	00 G	#VBV	V 30 kHz*	vse:Iniy]	1.2.22	Sweep 3	68.3 ms (	1001 pts) ipled	Frequency
200       1       13.015000000 GHz         100       1       13.015000000 GHz         100       13.000000 GHz       30.000000 GHz         100       15.00000       GRZ         100       15.000000 GHz       20.000000 GHz         100       15.000000 GHz       20.0000000 GHz         100       15.0000000 GHz       15.0000000 GHz         100       15.0000000 GHz       15.0000000 GHz         100       10.000000 GHz       15.00000000 GHz         100       10.0000000 GHz       15.00000000 GHz         100	00 GI PN IFG	#VBV	V 30 kHz*	vse:Intri • Run	1.2.22	Sweep 3 STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS SWEEP 3 STATUS SWEEP 3 STATUS SWEEP 3 STATUS STATUS STATUS	68.3 ms ( DC Cou IDE:11:27 AM TRAC TW IN IN IN IN IN IN IN IN IN IN IN IN IN	1001 pts) apled 4 Apr 22, 2020 1 1 2 3 4 5 6 7 A A A A A A 2 14 GHz	100 A 100
0.00         Start Freq 30.000000 MHz           0.00	00 GI PN IFG	#VBV	V 30 kHz*	vse:Intri • Run	1.2.22	Sweep 3 STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS SWEEP 3 STATUS SWEEP 3 STATUS SWEEP 3 STATUS STATUS STATUS	68.3 ms ( DC Cou IDE:11:27 AM TRAC TW IN IN IN IN IN IN IN IN IN IN IN IN IN	1001 pts) apled 4 Apr 22, 2020 1 1 2 3 4 5 6 7 A A A A A A 2 14 GHz	Auto Tun
300     Stop Pred       300     Stop Pred       300     Stop Pred       300     Stop Pred       400     Stop Pred       400     Stop Pred       400     Stop Pred       500     Stop Pred       400     Stop Pred       500     Stop Pred	00 GI PN IFG	#VBV	V 30 kHz*	vse:Intri • Run	1.2.22	Sweep 3 STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS SWEEP 3 STATUS SWEEP 3 STATUS SWEEP 3 STATUS STATU	68.3 ms ( DC Cou IDE:11:27 AM TRAC TW IN IN IN IN IN IN IN IN IN IN IN IN IN	1001 pts) apled 4 Apr 22, 2020 1 1 2 3 4 5 6 7 A A A A A A 2 14 GHz	Auto Tun Center Free
200 200 200 200 200 200 200 200	00 GI PN IFG	#VBV	V 30 kHz*	vse:Intri • Run	1.2.22	Sweep 3 STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS SWEEP 3 STATUS SWEEP 3 STATUS SWEEP 3 STATUS STATU	68.3 ms ( DC Cou IDE:11:27 AM TRAC TW IN IN IN IN IN IN IN IN IN IN IN IN IN	1001 pts) apled 4 Apr 22, 2020 1 1 2 3 4 5 6 7 A A A A A A 2 14 GHz	Auto Tun Center Free 13.015000000 GH Start Free
40.0 compared and	00 GI PN IFG	#VBV	V 30 kHz*	vse:Intri • Run	1.2.22	Sweep 3 STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS SWEEP 3 STATUS SWEEP 3 STATUS SWEEP 3 STATUS STATU	68.3 ms ( DC Cou IDE:11:27 AM TRAC TW IN IN IN IN IN IN IN IN IN IN IN IN IN	1001 pts) ipled	Auto Tun Center Free 13.01500000 GH Start Free 30.000000 MH Stop Free
	00 GI PN IFG	#VBV	V 30 kHz*	vse:Intri • Run	1.2.22	Sweep 3 STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS SWEEP 3 STATUS SWEEP 3 STATUS SWEEP 3 STATUS STATU	68.3 ms ( DC Cou IDE:11:27 AM TRAC TW IN IN IN IN IN IN IN IN IN IN IN IN IN	1001 pts) ipled	Auto Tun Center Frei 13.01500000 GH Start Frei 30.000000 MH Stop Frei 26.00000000 GH
	00 GI PN IFG	#VBV	V 30 kHz*	vse:Intri • Run	1.2.22	Sweep 3 STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS STATUS SWEEP 3 STATUS SWEEP 3 STATUS SWEEP 3 STATUS STATU	68.3 ms ( DC Cou IDE:11:27 AM TRAC TW IN IN IN IN IN IN IN IN IN IN IN IN IN	1001 pts) ipled	Auto Tun Center Free 13.01500000 GH Start Free 30.000000 MH Stop Free 25.00000000 GH 2.59700000 GH

Frequency	9:12:14 AM Apt 22, 2020 TRACE 1 2 3 4 5 6	RMS	Avg Type	service; (rd ) [		1	A DC	RF SD 9	RL RL enter Fre
Auto Tune	1 27.894 kHz -60.671 dBm		Avg]Hold:	te Run 10 dB	#Att.	NO: Wide -+ Gain:Low	P) IFC	ef Offset 8.4 tef 8.43 de	
Center Freq 79.500 kHz		-							57
Start Freq 9.000 kHz		-							16
Stop Freq 150.000 kHz									16
CF Step 14.100 kHz Auto Man	-43.00 dBm							<u>1</u>	1.6
Freq Offset 0 Hz	winger why Approx	whent	Mar-yayyayya	why have b	and wanted	Manymulture	roman	my humany	1.0 profiliant
	itop 150.00 kHz								1.6 tart 9.00 k

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## **Channel Bandwidth: 5 MHz**

LW RL	r Freq 7	50 \$	KHZ	1		NSE:INT	Avg Type Avg Hold:	RMS	02:24:43 PA	Apr 26, 2020	Frequency
10 dB/di	Ref	Offset 8.	р  F 43 dB	NO: Wide -+ Gain:Low	#Atten: 2	e Run 2 dB	Avg Hold:		1kr1 11.	15 kHz 17 dBm	Auto Tune
-1 57	·		6 m = -					-			Center Freq 79.500 kHz
-11.6											Start Freq 9.000 kHz
-31.6										-43.00 (Bm	Stop Freq 150.000 kHz
-61.6 -61.6 🔶	1							1			CF Step 14.100 kHz Auto Man
-71,6	Whank	why.Mr.	and hallow	mulunu	Mannu	Mr. Mn. e.A.	1.2 strend	بان بال	Werk Willight Hi		Freq Offset 0 Hz
Start 9 #Res B	.00 kHz 3W 1.0 k	Hz		#VBW	/ 3.0 KHZ	w. Alson		Sweep	174.0 ms (	1001 pts)	
Agilent Sp	ectrum And	alyzer - Sv	vept SA		32	NSE INT		ALIGNAUTO	B DC Cou	Lars 26 2020 1	-
-	Ref	Offset 8.	-16	NO: Fast -+ Gain:Low	Trig: Fre #Atten: 1	e Run 6 dB	Avg Type Avg Hold:	8/100	Mkr1	50 kHz	Frequency Auto Tune
10 dB/di		0.110 1						-			Center Freq 15.075000 MHz
-11.6								_			Start Freq 150.000 kHz
-31.6									-	-33:80 dBm	Stop Freq 30.000000 MHz
-61-6											CF Step 2.985000 MHz <u>Auto</u> Man
-71.6	121			2.7.2				1.7.1			Freq Offset 0 Hz
Start 1	ውምሙው 50 kHz 3W 10 kl	A	and an annual		1 30 KHZ*	New York and All A			المرابط (مرابط) Stop 30 368.3 ms (	0.00 MHz	
MSG Agilent Spe	ectrum Ana	lyzer Sw	ept SA					Istatu	s 🔔 DC Cou		2
Center	Freq 1	3.015	000000 C P IF 41 dB	Hz NO: Fast → Gain:Low	A A CARA	e Run 0 dB	Avg Type Avg Hold		lkr2 25.6	Apr 26, 2020 1 2 3 4 5 6 MUMUMU 1 A A A A A 62 GHz 06 dBm	Frequency Auto Tune
20.0	v Ref	30.00	aBm						-50.1		Center Free 13.015000000 GH:
10.0											Start Free 30.000000 MH
-10.0											Stop Fred 26.000000000 GH
-30,0							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	cof the group of	and the second second	-26.00 c	CF Step 2.597000000 GH: Auto Mar
-40.0	NAME AND THE	- Murall	and the second se	*****		- turn - the star					Freq Offse 0 Hi
-60,0				1					Stop 2	6.00 GHz	
				in the second second	3.0 MHz			and a low of	Stop 2	1001 pts)	

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LW RL	t Spectrum Analyzer	SD 9 ADC-	l	SENSEIN	Avg Type Avg]Hold:	aliaNAUTO	02:25:16 FM Apr 26, 2020 TRACE 1 0 3 4 5 4	Frequency	
	Ref Offs	et 8.43 dB	PNO: Wide - IFGain:Low	#Atten: 22 dB	n AvgjHold:		02:25:101MAPr 26, 2020 TRACE 1 2 3 4 5 6 TYPE MAXAWA OET A A A A A A Kr1 12.102 kHz -64.355 dBm	Auto Tune	
10 dB								Center Freq 79.500 kHz	
-116-								Start Freq 9.000 kHz	
-31.6 -								Stop Freq	
-41.6							-43.00 dBm	150.000 kHz CF Step	
	Maria .					_		14.100 kHz Auto Man	
-71,6 -	Arudhad Arud	MUMMIN	hwhynpa	hannandamhan	Marchine Anno Marchine	Animon Act	A 10 1.00	Freq Offset 0 Hz	
Start #Res	t 9.00 kHz s BW 1.0 kHz		#VB	W 3.0 kHz*		Sweep 17	٨,٨,μΜημη,Λ,Λ Stop 150.00 kHz '4.0 ms (1001 pts)		
Agilent	f Spectrum Analyzer				_	STATUS	LDC Coupled		
LM RL	ter Freq 15.0	75000 MH	Z PNO: Fast IFGain:Low	Trig: Free Run #Atten: 16 dB	Avg Type Avg Hold:	ERMS	02:25:251MAPF 26, 2020 TRACE 1 2 3 4 5 6 TYPE MUMMMM DET A A A A A		
10 dB	Ref Offs B/div Ref 8.4	et 8.43 dB 3 dBm	-				Mkr1 150 kHz -72.080 dBm		
-157 -								15.075000 MHz	
-21.6 -								Start Freq 150.000 kHz	
-31.6							-38-00-dBm	Stop Freq 30.000000 MHz	
-51 6 -								CF Step 2.985000 MHz Auto Man	
-61.6	1				-		22.0	Freq Offset 0 Hz	
	part of the second second	N/4447049411194417779	vilationalisationalis	hand war provident	n shur William she have a shur was the	allt to an address of the	หญาการาวที่ปการการให้หลางตรงร		
Start #Res	t 150 kHz s BW 10 kHz	- Y	#VB	W 30 kHz*			Stop 30.00 MHz 8.3 ms (1001 pts) LDC Coupled		
Agilent Spec	eirum Analyzer - Sv RF 50 1		Ţ	SENSE(IN	<del>7</del> 1 1	ALIGNAUTO			
	Freq 13.015	000000 G	Hz NO: Fast ↔ Sain:Low		Avg Typ	e: RMS	02:36:05 PM Apr 26, 2 TRACE 1 2 3 4 TYPE MWWWA DET A A A A	A A	
10 dB/div	Ref Offset 8 Ref 30.00	.41 dB dBm	_		-	N	kr2 25.688 G -29.723 dE		ne
20.0		-				-		Center Fre 13.015000000 Gi	
10.0	- di							Start Fre 30.000000 Mi	
-10.0								Stop Fre	
-20.0							-25.00	26.00000000 G	Hz
-30,0							man and the second	CF Ste 2.597000000 GH Auto Mi	ep Hz Ian
-40,0	mur hun	and the second	and the second	New York and Parket an		1 -		Freq Offs	
-60.0		-							Hz
Start 30	MHz V 1.0 MHz	*  +	#VBV	V 3.0 MHz*		Sweep (	Stop 26.00 G 54.93 ms (1001 p	Hz ts)	
#Res BW							s	- (B.	

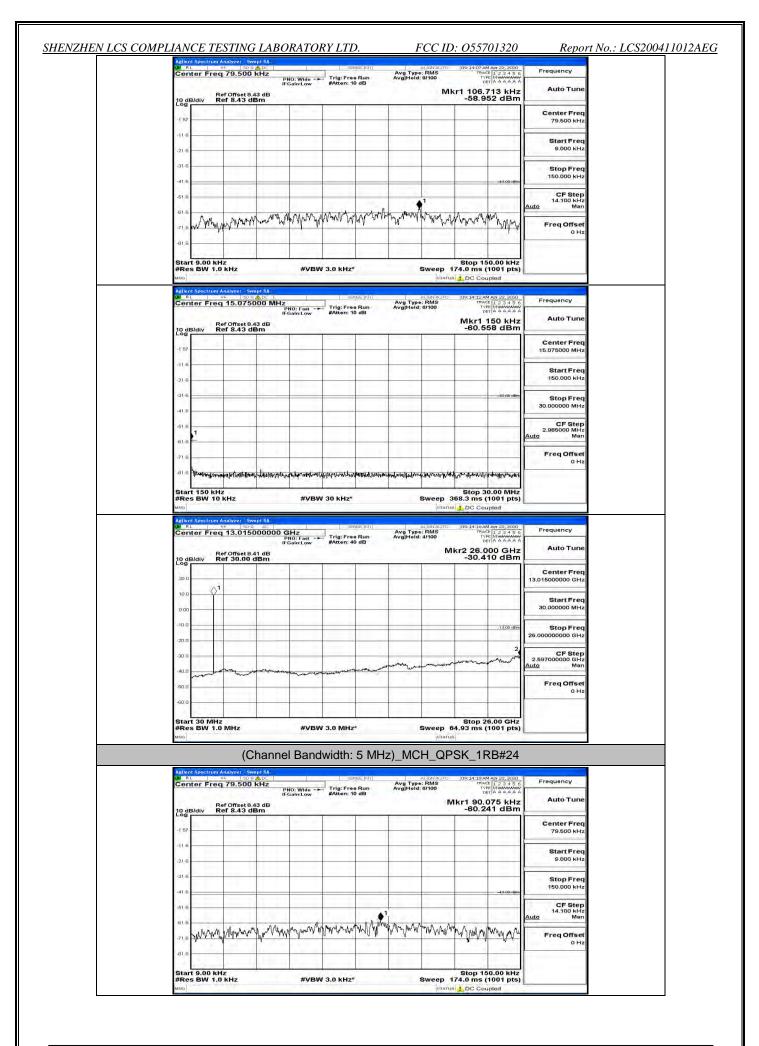
COMPLIANCE TESTING LABORATORY LTD. FCC ID: 055701320 Report No.: LCS.	
Center Freq 79.500 kHz PNO: Wide - Trig: Free Run Avg[Heid: 9/100 Prof. 12 4 5 6 Prequency PNO: Wide - Free Run Broant.ow #Avg[Heid: 9/100 Prof. 12 4 5 6 Prequency PNO: Wide - Free Run Avg[Heid: 9/100 Prof. 12 4 5 6 Prequency PNO: Wide - Free Run Avg[Heid: 9/100 Prof. 12 4 5 6 Prequency PNO: Wide - Free Run Avg[Heid: 9/100 Prof. 12 4 5 6 Prequency Prof. 12 4 5 6 Prequency PNO: Wide - Free Run Avg[Heid: 9/100 Prof. 12 4 5 6 Prequency Prof. 12 4 5 6 Prequency PNO: Wide - Free Run Avg[Heid: 9/100 Prof. 12 4 5 6 Prequency Prof. 12 4 5 6 Prequency PNO: Wide - Free Run Avg[Heid: 9/100 Prof. 12 4 5 6 Prequency Prof. 12 4 5 6 Prequency Prof. 12 4 5 6 Prequency PNO: Wide - Free Run Avg[Heid: 9/100 Pref. 12 4 5 6 Prequency Prof. 12 4 5 6 Prequency Prof. 12 4 5 6 Prequency PNO: Wide - Free Run Avg[Heid: 9/100 Pref. 12 4 5 6 Prequency Prof. 12 4 5 6 Preq. 12 4 5 6 Pref. 12 4	
Ref Offset 8.43 dB Auto Tune 10 dB/div Ref 8.43 dB -62.814 dBm -62.814 dBm	
157 Center Freq 79.00 KHz	
416	
-216 Start Freq 9.000 KHz	
-316 Stop Freq 150,000 KHz	
-41.6	
-518	
Freq Offset	
TIS MANA ANA MANA MANA MANA MANA MANA MANA	
Start 9.00 kHz         Stop 150.00 kHz           #Res BW 1.0 kHz         #VBW 3.0 kHz*         Sweep 174.0 ms (1001 pts)	
MED STATUS DC Coupled	
Addient Spectrum Analyzer, Swept 5A of RE 10 or 100 200 200 00 00 00 00 00 00 00 00 00 00	
PRO: Feat Trig: Free Run Avg[Hold: 9/100 Pre] A AAA A IF Gain: Jow #Atten: 16 dB PRO: Pre] A AAA A Ref Offset 8 43 dB Mkr1 150 kHz Auto Tune	
10 dB/div Ref 8.43 dBm -71.620 dBm Center Freq	
-1 57	
118 Start Freq 216 150.000 kHz	
41.6 30.000000 MHz	
.618 CF Step 2.986000 MHz Auto	
016 g	
ให้การการที่สู่ไปปู่ให้แห่งกำหนังมากลายแห่งการกำไปมาในเป็นหนึ่งไม่หลายให้ได้ได้เห็นสูงได้เสียงให้เสียงไปมาให้เป็นการแห่งการ Start 150 KHz Stop 30.00 MHz	
#Res BW 10 kHz         #VBW 30 kHz*         Sweep 368.3 ms (1001 pts)           MMO         INTATULE DC Coupled	
Aglient Spectrum Analyzer Swept SA 88 RL IRF   50 g. Az SEMASTINT  ALIONAUTO   02:56:20 PMApr 20, 2020	
Center Freq 13.015000000 GHz PH0: Fast Trig: Free Run Avg[Hold: 4/100 TYPE   Www.www IFGaint.uw #Atten: 40 dB ceril AAAAA	
Ref Offset 8.41 dB Mkr2 25.740 GHz Auto Tune	
Log Center Freq	
20.0	
10.0 01 Start Freq 30.00000 MHz	
10.0 Stop Freq 20.0 Stop Stop Stop Stop Stop Stop Stop Stop	
CF Step	
Auto Man	
FreqOffset	
600 0 Hz	
The second	
Start 30 MHz Stop 26.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz* Sweep 64.93 ms (1001 pts)	

FCC ID:	055701320

Report No.: LCS200411012AEG

R.MA F	RL I	n Analyzer - Sv RF 501 eq 79.500	kHz	IO: Wide -+	Sen Trig: Free	Run	Avg Type Avg Hold	RMS	09:13:55 AN TRAC	E 123456 MMMMMMM T A A A A A	Frequency
10 0	B/div	Ref Offset 8 Ref 8.43 d	43 dB	Sain:Low	#Atten: 10	dB			kr1 86.3		Auto Tune
-1 57	11.7										Center Freq 79.500 kHz
-11 e -21 e	1.1										Start Freq 9.000 kHz
-31.6	5									-43.00 dBm	Stop Freq 150.000 kHz
-51 é						<b>♦</b> <sup>1</sup> .					CF Step 14.100 kHz Auto Man
-61.6 -71.6	WWW	handrow	man Mullin	(Normer and the second s	Mannin	Manne	wwww	Mr. Wardwar	nya/may/y	MM NAME	Freq Offset 0 Hz
-81.6	rt 9.00 k							1	Stop 15	0.00 kHz	
	es BW 1			#VBW	3.0 kHz*		8		74.0 ms (	1001 pts)	
R.MA F	RL I	n Analyzer Sv ⊮⊨ Ison eq 15.075	000 MHz	NO: Fast -+	Sen Trig: Free	seiniri Run	Avg Type Avg[Hold	ALIGNAUTO RMS	09:14:00.AA TRAC TVF	1 Apr 22, 2020 E 1 2 3 4 5 6 E MMANANA T A A A A A A	Frequency
10 0	B/div	Ref Offset 8 Ref 8.43 d	16.0	Sain:Low	#Atten: 10	dB			Mkr1	150 kHz 61 dBm	Auto Tune
-1 57				-							Center Freq 15.075000 MHz
-11 e -21 e	5										Start Freq 150.000 kHz
-31.6 -41.6										-35:00 dBm	Stop Freq 30.000000 MHz
-61.6	1										CF Step 2.985000 MHz <u>Auto</u> Man
-B1.8											Freq Offset 0 Hz
-81.6	1997 104-17	1. S. M.	uning hyperperturb	londiniti	wannentration	land affertation and	ugiliyayayayyyyyyy	huralunan firm			
Sta #Re	rt 150 k es BW 1	HZ 0 KHZ		#VBW	30 kHz*				Stop 3 68.3 ms (		
L.MA F	8 L	n Analyzer Sv R⊨ 500 eq 13.015	000000 G	Hz 10: Fast → Sain:Low	CONTRACTOR OF	Run	Avg Type Avg Hold	AL (GN AUTO : RMS : 4/100	09:14:03AA TRAC TVF	1 Apr 22, 2020 E 1 2 3 4 5 6 E MUMANANA T A A A A A A	Frequency
10 g	B/div	Ref Offset 8 Ref 30.00		Sain:Low	#Atten: 40	ab		м	kr2 25.7		Auto Tune
20.0		1									Center Freq 13.015000000 GHz
0.00											Start Freq 30.000000 MHz
-10.0										-1.3,00 dbm	Stop Freq 26.00000000 GHz
-30.0						مد ي	and the second	معمدورهور مندروم	monum	-	CF Step 2.597000000 GHz Auto Man
-40.0	the second	and a share was	*******	underservice a	-loosengraper and and and	and the second second					Freq Offset 0 Hz
-60.0	12.72						-				
Sta	rt 30 MH	IZ .0 MHz		#VBM	3.0 MHz			Sween 6	Stop 2	6.00 GHz 1001 pts)	

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