Appendix G: Test Data for E-UTRA Band 5

Product Name: Smart POS Trade Mark: N/A Test Model: WIZARPOS Q3

Environmental Conditions

Temperature:	22.5°C
Relative Humidity:	53.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Li Huan
Supervised by:	Tom.Liu

G.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	
Modulation	Channel	Size	Offset	QPSK	16QAM	verdict	
		1	0	23.03	22.10	PASS	
		1	3	23.14	22.22	PASS	
		1	5	23.08	22.16	PASS	
	LCH	3	0	22.82	21.90	PASS	
		3	2	22.85	21.91	PASS	
		3	3	22.90	21.85	PASS	
		6	0	21.70	20.65	PASS	
	МСН	1	0	22.89	21.83	PASS	
		1	3	22.95	21.78	PASS	
QPSK /		1	5	22.88	21.76	PASS	
16QAM		3	0	22.96	21.81	PASS	
IOQAM		3	2	23.06	21.91	PASS	
		3	3	22.93	21.99	PASS	
		6	0	21.98	20.95	PASS	
		1	0	22.74	21.65	PASS	
		1	3	22.73	21.66	PASS	
		1	5	22.65	21.59	PASS	
	НСН	3	0	22.80	22.00	PASS	
		3	2	22.71	21.89	PASS	
		3	3	22.82	21.78	PASS	
		6	0	21.83	20.57	PASS	

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Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)							
Madulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Vardiat	
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict	
		1	0	22.75	22.31	PASS	
		1	7	22.91	22.58	PASS	
		1	14	22.75	21.87	PASS	
	LCH	8	0	21.73	20.69	PASS	
		8	4	21.86	20.66	PASS	
		8	7	21.69	20.54	PASS	
		15	0	21.81	20.75	PASS	
	MCH	1	0	22.90	22.52	PASS	
		1	7	23.17	22.59	PASS	
QPSK /		1	14	23.02	22.35	PASS	
16QAM		8	0	21.99	21.03	PASS	
IOQAIN		8	4	21.92	21.15	PASS	
		8	7	21.95	21.06	PASS	
		15	0	21.91	20.99	PASS	
		1	0	22.74	22.43	PASS	
		1	7	22.88	22.25	PASS	
		1	14	22.55	21.77	PASS	
	HCH	8	0	21.83	21.22	PASS	
		8	4	21.74	21.00	PASS	
		8	7	21.61	20.62	PASS	
		15	0	21.81	20.90	PASS	

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)							
Madulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Vardiat	
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict	
		1	0	22.94	22.21	PASS	
		1	12	23.16	22.32	PASS	
		1	24	22.68	21.90	PASS	
	LCH	12	0	21.85	21.06	PASS	
		12	6	21.83	21.05	PASS	
		12	13	21.81	20.85	PASS	
		25	0	21.82	20.95	PASS	
	MCH	1	0	22.76	22.22	PASS	
		1	12	22.96	22.35	PASS	
QPSK /		1	24	22.81	22.06	PASS	
16QAM		12	0	21.92	21.21	PASS	
TOQAIM		12	6	21.95	21.14	PASS	
		12	13	21.94	21.05	PASS	
		25	0	21.90	21.02	PASS	
		1	0	22.65	22.15	PASS	
		1	12	22.98	22.34	PASS	
		1	24	22.36	21.75	PASS	
	НСН	12	0	21.82	21.04	PASS	
		12	6	21.88	21.14	PASS	
		12	13	21.72	20.93	PASS	
		25	0	21.92	20.88	PASS	

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)							
	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]) (andiat	
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict	
		1	0	23.14	22.76	PASS	
		1	24	23.29	22.86	PASS	
		1	49	22.27	21.65	PASS	
	LCH	25	0	21.98	21.08	PASS	
		25	12	21.99	21.09	PASS	
		25	25	21.94	20.94	PASS	
		50	0	21.99	21.09	PASS	
	MCH	1	0	22.20	21.57	PASS	
		1	24	23.89	23.27	PASS	
QPSK /		1	49	22.83	22.12	PASS	
16QAM		25	0	22.12	21.02	PASS	
TOQAIM		25	12	22.19	21.28	PASS	
		25	25	22.06	21.18	PASS	
		50	0	22.02	21.14	PASS	
		1	0	20.72	20.25	PASS	
		1	24	22.76	22.27	PASS	
		1	49	21.37	20.89	PASS	
	HCH	25	0	21.69	20.69	PASS	
		25	12	22.62	21.62	PASS	
		25	25	21.93	20.94	PASS	
		50	0	21.94	21.08	PASS	

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)							
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Vardiat	
wodulation	Channel	Size	Offset	QPSK	16QAM	Verdict	
		1	0	23.03	22.57	PASS	
		1	37	23.15	22.53	PASS	
		1	74	21.69	21.07	PASS	
	LCH	37	0	22.07	21.15	PASS	
		37	18	22.11	21.21	PASS	
		37	38	22.16	21.13 PASS	PASS	
		75	0	22.14	21.26	PASS	
	MCH	1	0	21.61	21.00	PASS	
		1	37	23.66	23.06	PASS	
QPSK /		1	74	22.98	22.43	PASS	
16QAM		37	0	22.10	21.14	PASS	
		37	18	22.20	21.29	PASS	
		37	38	21.98	21.12	PASS	
		75	0	22.12	21.23	PASS	
		1	0	21.15	20.48	PASS	
		1	37	21.76	21.12	PASS	
		1	74	21.22	20.65	PASS	
	HCH	37	0	21.13	20.23	PASS	
		37	18	21.72	20.80	PASS	
		37	38	22.23	21.33	PASS	
		75	0	21.67	20.78	PASS	

Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)							
	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdiet	
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict	
		1	0	22.86	21.81	PASS	
		1	49	22.85	22.01	PASS	
		1	99	21.26	20.43	PASS	
	LCH	50	0	22.13	21.30	PASS	
		50	25	22.08	21.29	PASS	
		50	50	22.00	21.19	PASS	
		100	0	22.00	21.01	PASS	
	MCH	1	0	21.31	20.58	PASS	
		1	49	23.78	22.31	PASS	
QPSK /		1	99	22.70	21.13	PASS	
16QAM		50	0	22.10	21.28	PASS	
TOQAIM		50	25	22.25	21.36	PASS	
		50	50	22.12	21.21	PASS	
		100	0	22.16	21.11	PASS	
		1	0	22.37	21.58	PASS	
		1	49	21.37	20.56	PASS	
		1	99	21.14	20.35	PASS	
	НСН	50	0	21.63	20.68	PASS	
		50	25	21.44	20.50	PASS	
		50	50	21.77	20.85	PASS	
		100	0	21.63	20.74	PASS	

	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	4.94	<13	PASS			
QPSK	MCH	5.14	<13	PASS			
	НСН	5.21	<13	PASS			
	LCH	5.76	<13	PASS			
16QAM	MCH	5.99	<13	PASS			
	НСН	5.8	<13	PASS			

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
MODULATION	Channel	[dB]	[dB]	Verdict		
	LCH	5.1	<13	PASS		
QPSK	MCH	5.21	<13	PASS		
	НСН	5.06	<13	PASS		
	LCH	5.93	<13	PASS		
16QAM	MCH	6.09	<13	PASS		
	НСН	5.9	<13	PASS		

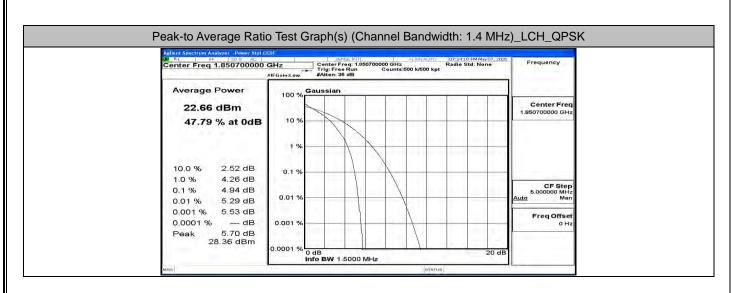
	Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict			
Modulation	Channer	[dB]	[dB]	Verdict			
	LCH	5.06	<13	PASS			
QPSK	MCH	5.2	<13	PASS			
	HCH	4.98	<13	PASS			
	LCH	5.84	<13	PASS			
16QAM	MCH	5.98	<13	PASS			
	НСН	5.84	<13	PASS			

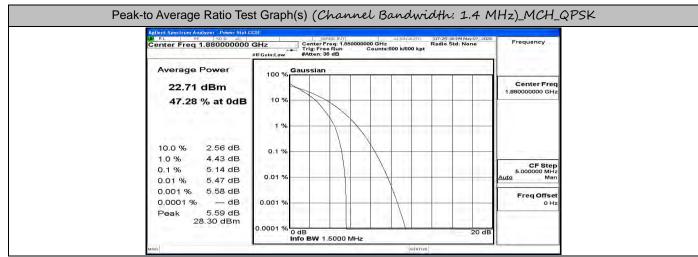
Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict		
Modulation	Ghannei	[dB]	[dB]	Verdict		
	LCH	5.1	<13	PASS		
QPSK	MCH	5.14	<13	PASS		
	НСН	5.08	<13	PASS		
	LCH	5.92	<13	PASS		
16QAM	MCH	5.91	<13	PASS		
	НСН	5.92	<13	PASS		

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	Peak-to Average Ra	atio Test Result (Channel E	Bandwidth: 15 MHz)	
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict
MODUIATION	Channel	[dB]	[dB]	verdict
	LCH	4.91	<13	PASS
QPSK	MCH	4.87	<13	PASS
	НСН	5.25	<13	PASS
	LCH	6.15	<13	PASS
16QAM	MCH	6.18	<13	PASS
	НСН	6.47	<13	PASS

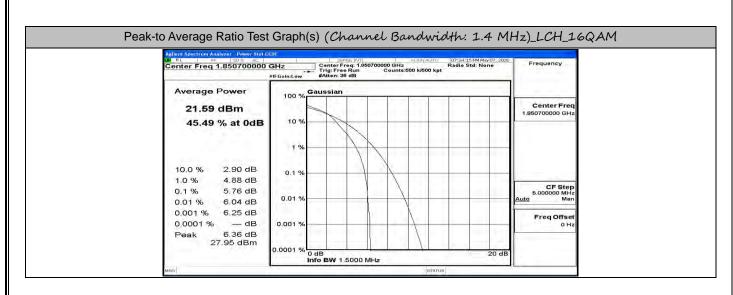
	Peak-to Average Ra	tio Test Result (Channel	Bandwidth: 20 MHz)	
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict
wouldtion	Channel	[dB]	[dB]	Verdict
	LCH	5.69	<13	PASS
QPSK	MCH	5.64	<13	PASS
	НСН	6.16	<13	PASS
	LCH	6.71	<13	PASS
16QAM	MCH	6.76	<13	PASS
	HCH	6.74	<13	PASS

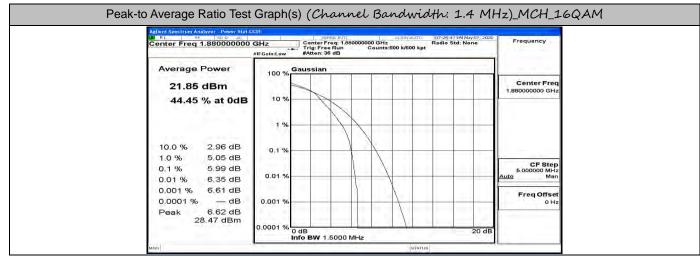




NU RL RF SDQ AC	CEDIF	SENSE				1:31:27 FM May 07, 2020	
Center Freq 1.909300000	GHz #IFGaln:Low	Center Freq: Trig: Free Ru #Atten: 36 dE	in C	0 GHz ounts:500 l	k/500 kpt	dio Std: None	Frequency
Average Power	100 %	aussian					
22.22 dBm			-				Center Freq 1.909300000 GHz
49.20 % at 0dB	10 %-	V					
1.01.4.10	1 % -		N				
10.0 % 2.74 dB	0.1 %-						
1.0 % 4.54 dB 0.1 % 5.21 dB			1	\backslash			CF Step 5.000000 MHz
0.01 % 5.51 dB 0.001 % 5.75 dB	0.01 %-						Auto Man Freq Offset
0.0001 % dB Peak 6.57 dB	0.001 %						0 Hz
28.79 dBm	0.0001 %				$\langle \cdot \rangle$	20 dB	
	1	to BW 1.50	00 MHz			20 aB	1

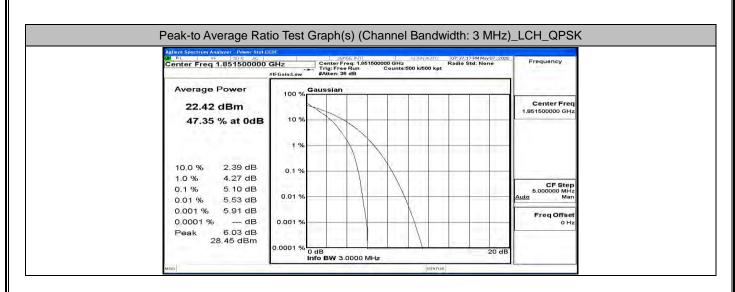
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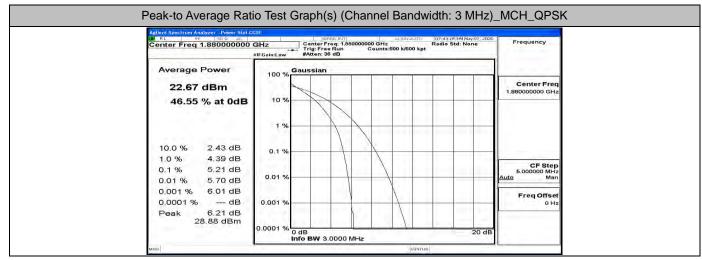




Frequency
Center Freq 1,909300000 GHz
CF Step 5.000000 MHz Auto Man
Freq Offset 0 Hz
B

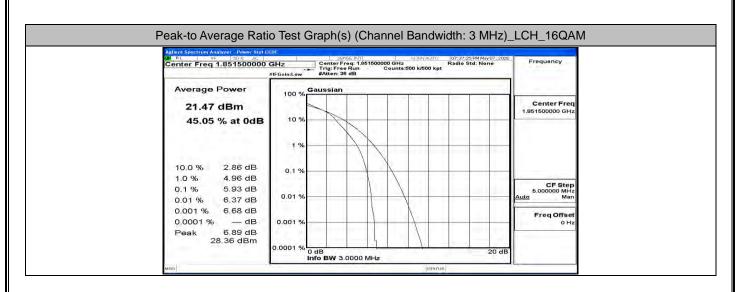
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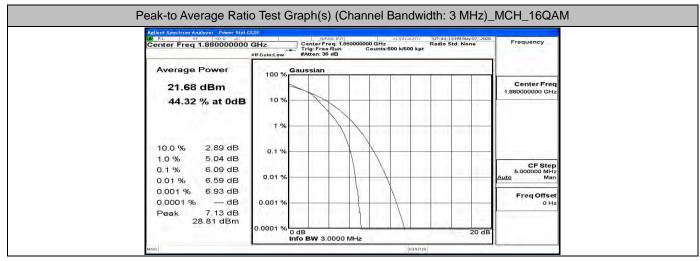




Agilent Spectrum Analyzer Power Stat	GHz Center F	VSE:INT ALIGNAUTO req: 1.908500000 GHz e Run Counts:500 k/500 kp	07:48:51 PM May 07, 2020 Radio Std: None	Frequency
Center Fred 1.90850000	#IFGain:Low #Atten: 3			
Average Power	100 % Gaussian			
22.55 dBm				Center Freq 1.908500000 GHz
46.49 % at 0dB	10 %			
	1 %			
10.0 % 2.44 dB	0.1 %			
1.0 % 4.30 dB	0.1 %			
0.1 % 5.06 dB 0.01 % 5.46 dB	0.01 %			CF Step 5.000000 MHz Auto Man
0.001 % 5.66 dB	A REAL PROPERTY OF			Freq Offset
0.0001 % dB	0.001 %			0 Hz
Peak 5.83 dB	the same lab in the second sec			

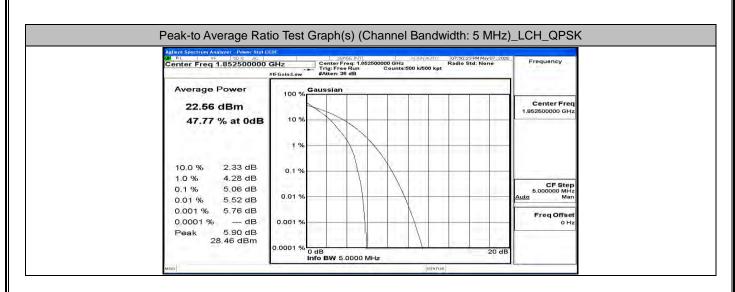
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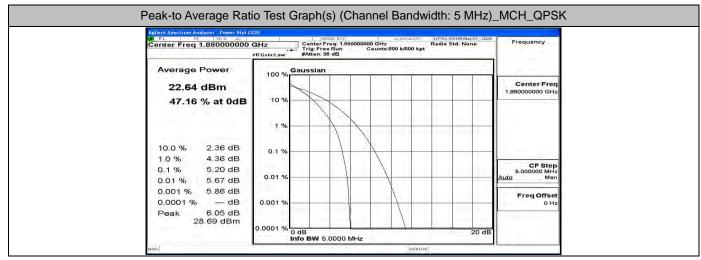




Agilent Spectrum Analyzer - Power Stat	SENSE: INT	ALIGNAUTO 107:	19:00 PM May 07, 2020 o Std: None	Frequency
Center Fred 1.908500000	#IFGain:Low #Atten: 36 dB	Counts:500 k/500 kpt	io sta. None	
Average Power	100 % Gaussian			
21.60 dBm				Center Freq 1.908500000 GHz
44.28 % at 0dB	10 %			
	1 %			
1111 1111				
10.0 % 2.91 dB	0.1 %	\downarrow \land \downarrow \downarrow		
1.0 % 4.94 dB 0.1 % 5.90 dB				CF Step 5.000000 MHz
0.01 % 6.31 dB	0.01 %			Auto Man
0.001 % 6.59 dB	lower and the second			Freq Offset
0.0001 % dB Peak 6.78 dB	0.001 %			0 Hz
28.38 dBm				
	0.0001 % 0 dB Info BW 3.0000		20 dB	

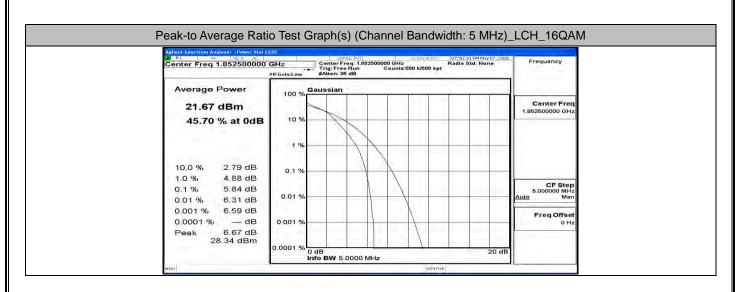
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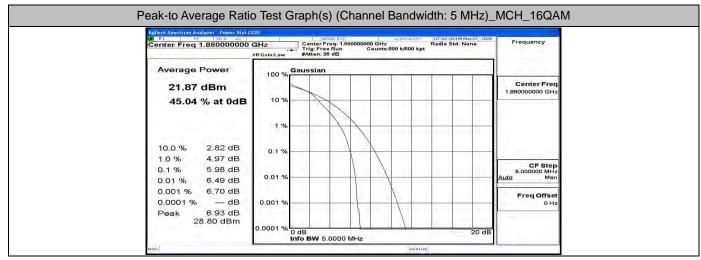




Center Freq 1.907500000		sense INT nter Freq: 1.90750	ALIGNAUTO	07:53:231/M May 07, 2020 Radio Std: None	Frequency
Center Fred 1.90750000	Tri	g: Free Run tten: 36 dB	Counts:500 k/500 kpt	Radio Std. None	
Average Power	100 % Gaus	sian	-		
22.59 dBm					Center Freq 1,907500000 GHz
47.35 % at 0dB	10 %				
1 m m 1 m m	1 %				
10.0 % 2.35 dB	0.1 %				
1.0 % 4.26 dB 0.1 % 4.98 dB					CF Step 5.000000 MHz
0.01 % 5.36 dB	0.01 %				<u>Auto</u> Man
0.001 % 5.54 dB 0.0001 % dB	0.001 %				Freq Offset 0 Hz
Peak 5.67 dB 28.26 dBm	1000			111	1
28.20 dBm	0.0001 % OdB	3W 5.0000 MH		20 dB	

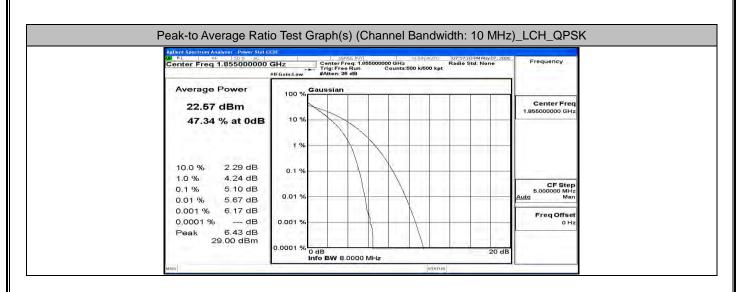
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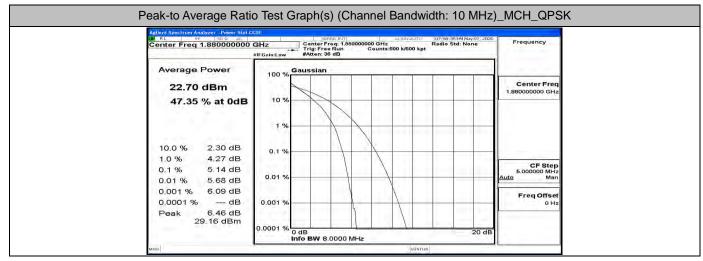




Center Freq 1.907500000 GHz #IFGain:Low #Atten: 36 dB Average Power Gaussian	00 GHz Radio Std: None Counts:500 k/500 kpt	Frequency
Average Power Gaussian		
21.80 dBm		Center Freq 1.907500000 GHz
45.25 % at 0dB 10 %		
1 %		-
10.0 % 2.84 dB		
1.0 % 2.84 dB 0.1 %		
0.1 % 5.84 dB 0.01 % 6.22 dB ^{0.01 %}		CF Step 5.000000 MHz Auto Man
0.001 % 6.44 dB	I N I I I I	Freq Offset
0.0001 % dB 0.001 %		0 Hz
Peak 6.75 dB 28.55 dBm 0.0001 % 0 dB		

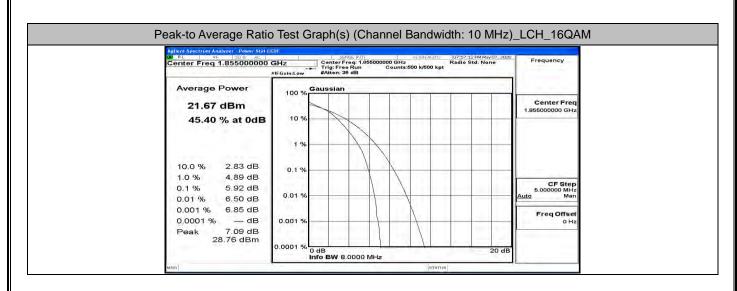
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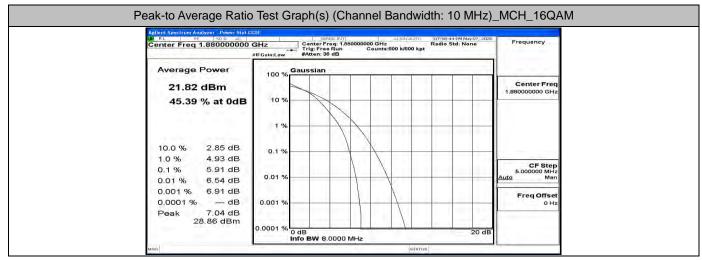




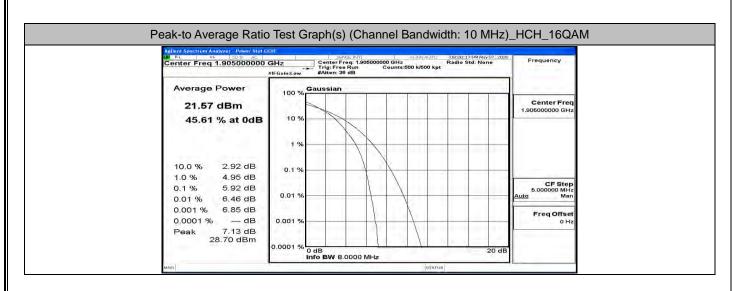
Center Freq 1:905000000 GHz Trig Free Run Countiston krecook Average Power 22.47 dBm 100 % Center Freq 1:90500000 GHz 10.0 % 2.30 dB 0.1 % 0.1 % 0.1 % 10.0 % 2.30 dB 0.1 % 0.1 % 0.1 % 0.01 % 5.66 dB 0.01 % 0.01 % Freq Offset 0.001 % 5.89 dB 0.001 % 0.001 % Freq Offset	Agilent Spectrum Analyzer - Power Stat C	SENSE:INT	ALIGNAUTO 08:00:08 PM May 07, 2020 Radio Std; None	Frequency
22.47 dBm 100 % Center Freq 48.11 % at 0dB 10 % 10 % 1.90500000 GHz 10.0 % 2.30 dB 0.1 % 1.90500000 GHz 1.90500000 GHz 10.0 % 2.30 dB 0.1 % 1.90500000 GHz 1.90500000 GHz 10.0 % 2.30 dB 0.1 % 1.90500000 GHz 1.90500000 GHz 10.0 % 5.08 dB 0.01 % 0.01 % 1.90500000 GHz 1.90500000 GHz 0.01 % 5.66 dB 0.01 % 0.01 % 1.90500000 GHz 1.90500000 GHz 0.001 % 5.69 dB 0.001 % 0.901 % 1.9050000 MHz 1.90500000 MHz 0.0001 % - dB 0.001 % - dB 1.9050000 MHz 1.9050000 MHz 0.0001 % - dB 0.001 % - dB 1.9050000 MHz 1.9050000 MHz			00 k/500 kpt	
22.47 dBm 100 % 48.11 % at 0dB 10 % 10.0 % 2.30 dB 1.0 % 1 % 10.0 % 2.30 dB 0.1 % 0.1 % 0.01 % 5.66 dB 0.001 % 5.89 dB 0.0001 % 0.001 % Peak 5.95 dB	Average Power	Gaussian		1
10.0 % 2.30 dB 0.1 % 1.0 % 4.23 dB 0.1 % 0.1 % 5.08 dB 0.01 % 0.01 % 5.66 dB 0.01 % 0.001 % 5.89 dB 0.001 % Peak 5.95 dB 0.001 %	22.47 dBm			
10.0 % 2.30 dB 0.1 % 1.0 % 4.23 dB 0.1 % 0.1 % 5.08 dB 5.00000 MHz 0.01 % 5.66 dB 0.01 % 0.001 % 5.89 dB 0.001 % 0.0001 % - dB 0.001 % Peak 5.95 dB 0.001 %	48.11 % at 0dB	10 %		
10.0 % 2.30 dB 0.1 % 1.0 % 4.23 dB 0.1 % 0.1 % 5.08 dB 0.01 % 0.01 % 5.66 dB 0.01 % 0.001 % 5.89 dB 0.001 % 0.0001 % - dB 0.001 % Peak 5.95 dB 0.001 %		1 %		
0.1 % 5.08 dB 0.01 % 5.66 dB 0.01 % 5.89 dB 0.001 %	And the second s	0.1 %		
0.01 % 5.66 dB 0.01 % Auto Man 0.001 % 5.89 dB 0.001 % Freq Offset 0 Hz Peak 5.95 dB 0.001 %				CF Step
0,0001 % dB 0.001 % 0Hz		0.01 %		
Peak 5.95 dB		0.001 %		
		0.001 //		0112

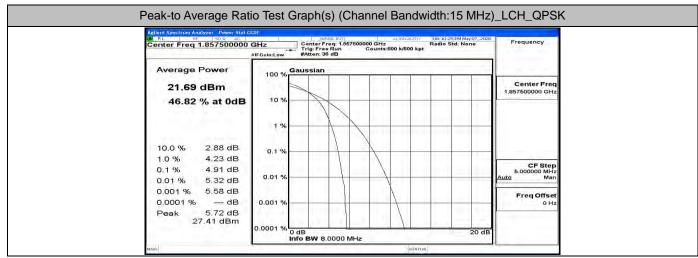
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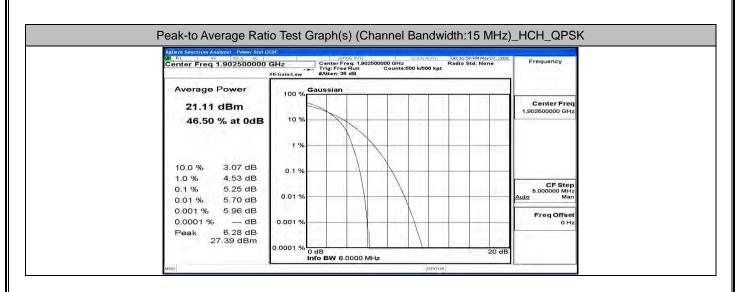
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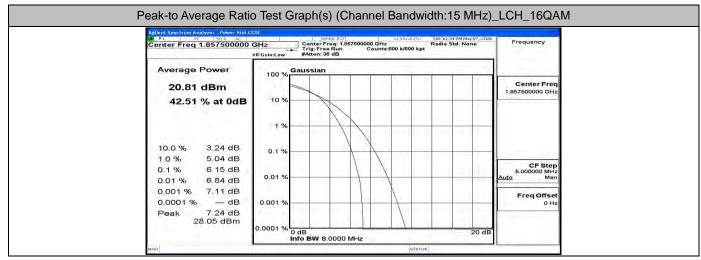




the set of	Trig: Fre	req: 1.880000000 GHz e Run Counts:500 k/500 kpt	Radio Std: None	Frequency
Average Power	#IFGain:Low #Atten: 3			
21.71 dBm	100 %			Center Freq 1.880000000 GHz
47.15 % at 0dE	3 10 % 1 %			
1.0 % 4.21 dB 0.1 % 4.87 dB 0.01 % 5.26 dB	0.01 %			CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % 5.56 dB 0.0001 % dB	0.001 %			Freq Offset 0 Hz

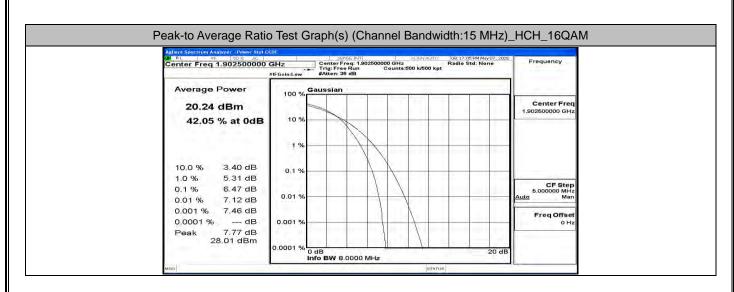
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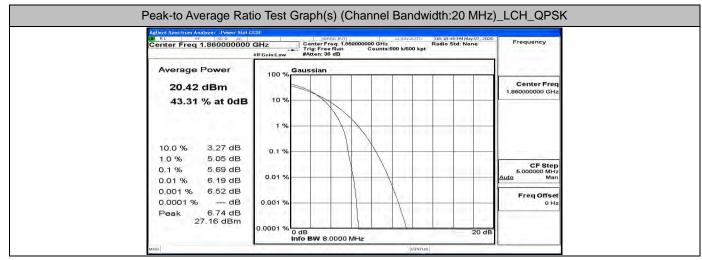




Center Freq 1.880000000 GHz Center Freq 1.880000000 GHz Radio Std: None Average Power 20.80 dBm 100 % Caussian Center Freq 1.880000000 GHz Center Freq 1.88000000 GHz 42.39 % at 0dB 10 % 10 % 10 % Center Freq 1.88000000 GHz Center Freq 1.88000000 GHz 10.0 % 3.23 dB 0.1 % 0.1 % Center Freq 1.880000000 GHz Center Freq 1.880000000 GHz 10.0 % 3.23 dB 0.1 % Center Freq 1.880000000 GHz Center Freq 1.880000000 GHz 10.0 % 3.23 dB 0.1 % Freq Offset Center Freq 1.880000000 GHz 0.01 % 0.01 % 0.01 % O.01 % Freq Offset O.01 % 0.001 % - dB 0.001 % - dB O.001 % - dB - dA	Average Power	#IFGain:Low #Atten: 36 dB	00 k/500 kpt	
20.80 dBm 100 % Center Freq 42.39 % at 0dB 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 10 % 0.1 % 0.1 % 0.01 % 0.01 % 0.01 % 0.001 % - dB 0.001 % Peak 7.35 dB 0.001 %		100 % Gaussian		1
20.80 dBm 10 % Center Freq 42.39 % at 0dB 10 % 10 % 1 % 1 % 1 % 10.0 % 3.23 dB 0.1 % 1 % 10.0 % 5.09 dB 0.1 % 1 % 0.1 % 6.18 dB 0.01 % 0.01 % 6.79 dB 0.01 % 1 % 0.001 % 7.07 dB 0.001 % 1 % 0.001 % 7.35 dB 0.001 % 1 %	20.80 dBm	100 %		
10.0 % 3.23 dB 0.1 % 10.0 % 3.23 dB 0.1 % 1.0 % 5.09 dB 0.1 % 0.1 % 6.18 dB 0.01 % 0.01 % 6.79 dB 0.01 % 0.001 % 7.07 dB 0.001 % 0.001 % - dB 0.001 % Peak 7.35 dB 0.01 %				
10.0 % 3.23 dB 0.1 % 1.0 % 5.09 dB 0.1 % 0.1 % 6.18 dB 0.01 % 0.01 % 6.79 dB 0.01 % 0.001 % 7.07 dB 0.001 % 0.001 % - dB 0.001 % Peak 7.35 dB 0.01 %	42.39 % at 0dB	10 %		
10.0 % 3.23 dB 0.1 % 1.0 % 5.09 dB 0.1 % 0.1 % 6.18 dB 0.01 % 0.01 % 6.79 dB 0.01 % 0.001 % 7.07 dB 0.001 % 0.0001 % - dB 0.001 % Peak 7.35 dB 0.101 %		1%		
1.0 % 5.09 dB 0.1 % 0.1 % 6.18 dB 0.01 % 0.01 % 6.79 dB 0.01 % 0.001 % 7.07 dB 0.001 % 0.0001 % - dB 0.001 % Peak 7.35 dB 0.001 %	and a second			
0.1 % 6.18 dB 0.01 % 6.79 dB 0.01 % 7.07 dB 0.001 %		0.1%		-
0.01 % 6.79 dB 0.01 % Auto Man 0.001 % 7.07 dB 0.0001 % dB 0.001 % Freq Offset 0.42 Peak 7.35 dB				CF Step
0.0001%		0.01 %		
0,0001 % dB 0.001 % 0Hz Peak 7,35 dB	0.001 % 7.07 dB			Freg Offset
28 15 dBm	And the second sec	0.001 %		
	29 15 dBm			
0.0001 % 0 dB 20 dB	0.0001 % dB Peak 7.35 dB	0.001 % 0.0001 % 0 dB Info BW 8.0000 MHz	20 de	

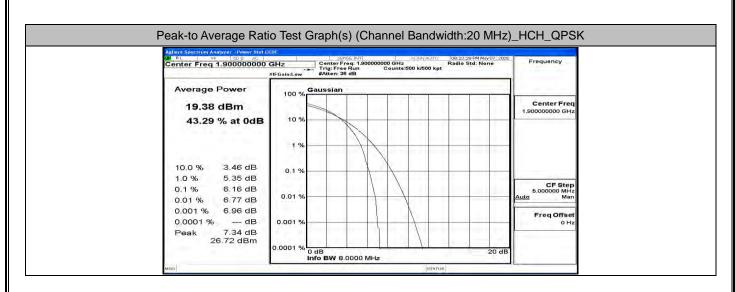
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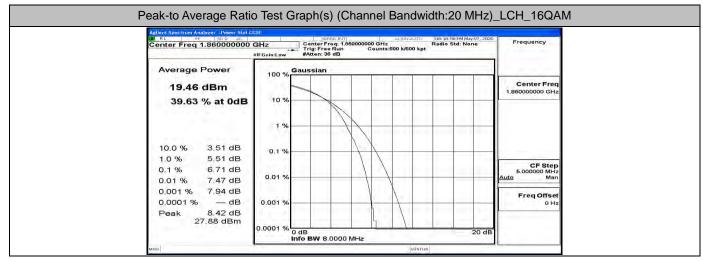




8:20:28 PM May 07, 2020	and a state of the
idio Std: None Fri	requency
	Center Freq 0000000 GHz
	-
	CF Step 5.000000 MHz
Auto	Man
	Freq Offset
	0 Hz
20 dB	
	1.89

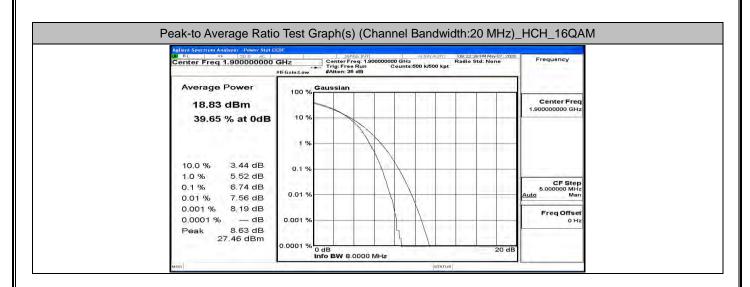
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Center Freq: 1:89000000 GH2 Radio Std Trig: Free Run Counts:500 k/500 kpt #Atten: 36 dB	None Frequen	
Caucelan		
audssidii		_
	Center 1.88000000	
	5.00000 Auto	Step 00 MHz Man
	Freq	Offset 0 Hz
		Auta Freq

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G.3 26dB Bandwidth and Occupied Bandwidth

	EBW & OBW Te	est Result (Channel Band	lwidth: 1.4 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
MODULATION	Channel	(MHz)	(MHz)	Verdict
	LCH	1.0751	1.250	PASS
QPSK	MCH	1.0753	1.231	PASS
	НСН	1.0755	1.226	PASS
	LCH	1.0786	1.238	PASS
16QAM	MCH	1.0802	1.254	PASS
	НСН	1.0788	1.233	PASS

	EBW & OBW T	est Result (Channel Ban	dwidth: 3 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldton	Ghannei	(MHz)	(MHz)	Verdict
	LCH	2.6851	2.896	PASS
QPSK	MCH	2.6844	2.897	PASS
	НСН	2.6823	2.907	PASS
	LCH	2.6884	2.910	PASS
16QAM	MCH	2.6817	2.876	PASS
	НСН	2.6856	2.887	PASS

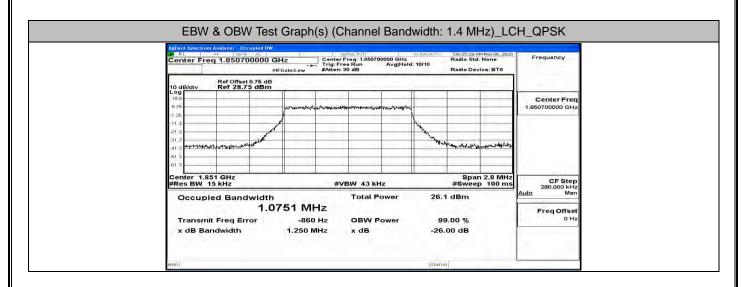
	EBW & OBW T	est Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldton	Ghanne	(MHz)	(MHz)	Verdict
	LCH	4.4772	4.797	PASS
QPSK	MCH	4.4738	4.770	PASS
	НСН	4.4725	4.778	PASS
	LCH	4.4633	4.826	PASS
16QAM	MCH	4.4776	4.833	PASS
	НСН	4.4783	4.780	PASS

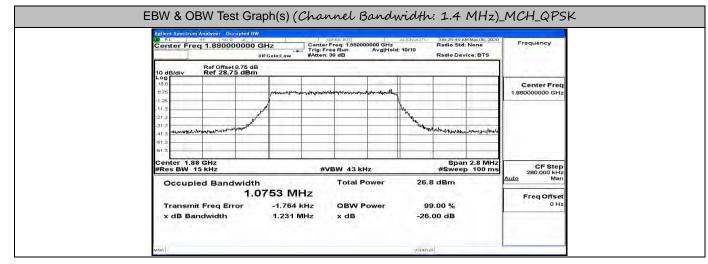
	EBW & OBW Te	est Result (Channel Band	lwidth: 10 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Channel	(MHz)	(MHz)	verdict
	LCH	8.9256	9.436	PASS
QPSK	MCH	8.9250	9.500	PASS
	НСН	8.9203	9.401	PASS
	LCH	8.9158	9.475	PASS
16QAM	MCH	8.9156	9.375	PASS
	НСН	8.9094	9.397	PASS

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	EBW & OBW T	est Result (Channel Band	lwidth: 15 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
woulding	Channel	(MHz)	(MHz)	verdict
	LCH	13.366	14.03	PASS
QPSK	MCH	13.363	13.95	PASS
	НСН	13.386	14.02	PASS
	LCH	13.373	13.95	PASS
16QAM	МСН	13.357	14.02	PASS
	НСН	13.390	14.04	PASS

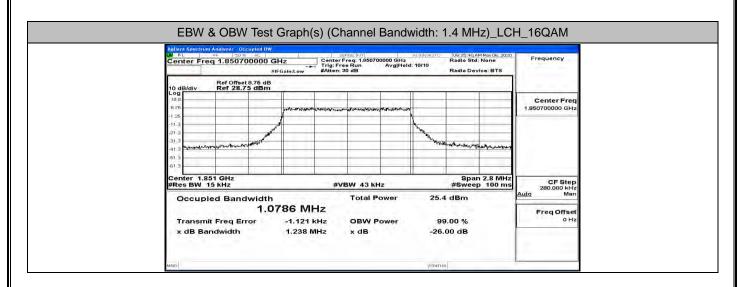
	EBW & OBW Te	est Result (Channel Band	lwidth: 20 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
		(MHz)	(MHz)	
	LCH	17.810	18.56	PASS
QPSK	MCH	17.805	18.56	PASS
	НСН	17.872	18.65	PASS
	LCH	17.831	18.57	PASS
16QAM	MCH	17.799	18.58	PASS
	НСН	17.851	18.55	PASS

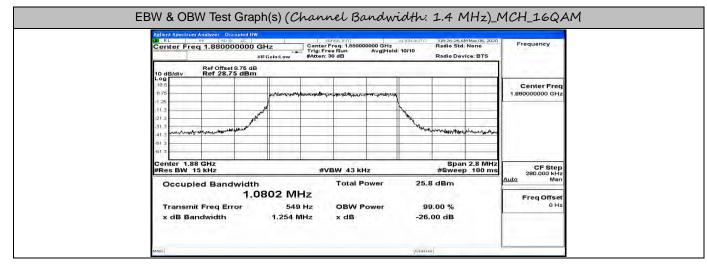




RL WE SUR AL	W	SENSE:INT		ALIGNAUTO		AM May 08, 2020	Frequency
Center Freq 1.909300000	Tris	nter Freq: 1.9093000 g: Free Run ten: 30 dB	Avg Hold	: 10/10	Radio Std		Frequency
Ref Offset 8.75 di	3						
10 dB/div Ref 28.75 dBn	1			1	-		
18.8	mahananananan	Pieros Alalinguese agreement	42. A 42.				Center Fred 1.909300000 GHz
-1.25	1			V			
-21.3	Not la contraction de la contr			1		-	
-31.3				- Antonio	anne as ma	dechod week 34	
-41.3 mscree grass at production of 1			_			440,444000303	
61.3			-				
Center 1.909 GHz #Res BW 15 kHz		#VBW 43 kHz	e			n 2.8 MHz p 100 ms	CF Step 280.000 kHz
Occupied Bandwidt	h	Total Po	wer	26.4	t dBm		Auto Man
1.	0755 MHz						Freq Offset
Transmit Freq Error	-918 Hz	OBW Po	wer	91	9.00 %		0 Hz
x dB Bandwidth	1.226 MHz	x dB		-26.	00 dB		

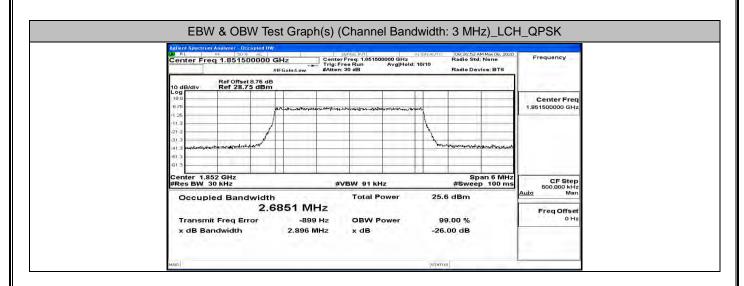
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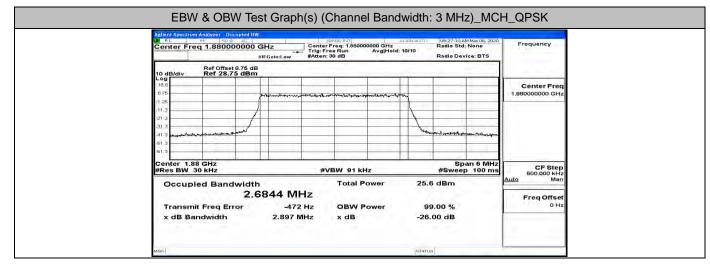




Adlent Spetzion Analyzer. Occupied IW M RL 94 50 95 500 Center Freq 1.909300000 GHz #IF Gaint.ow #Atten: 30 dB Avg Held: 10/10 Radio Device: BTS										
10 dB/div Ref Offset 8.75 dBm										
Log 188 875	Acrement	Induginaryo		~			Center Freq 1,909300000 GHz			
-1.26	M			N.	-					
-21.3 -31.3 -41.3	e			my me	Weremannen					
-41.3					C. C	1990 - GRB1445				
Center 1.909 GHz #Res BW 15 kHz		#V	BW 43 kHz	1		n 2.8 MHz p 100 ms	CF Step 280.000 kHz			
Occupied Bandwidt		1	Total Power	25.	5 dBm		Auto Man			
1. Transmit Freq Error	-1.966 k		OBW Power	9	9.00 %		Freq Offset 0 Hz			
x dB Bandwidth	1.233 M	Hz	x dB	-26	.00 dB					

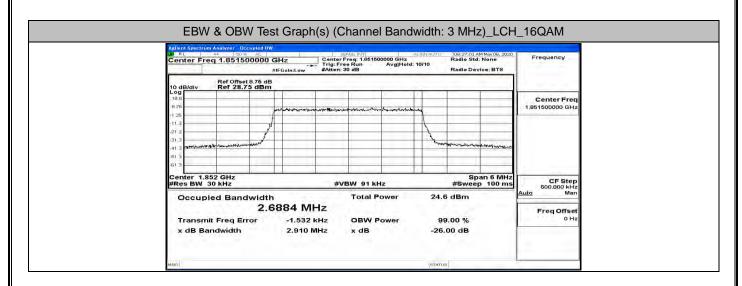
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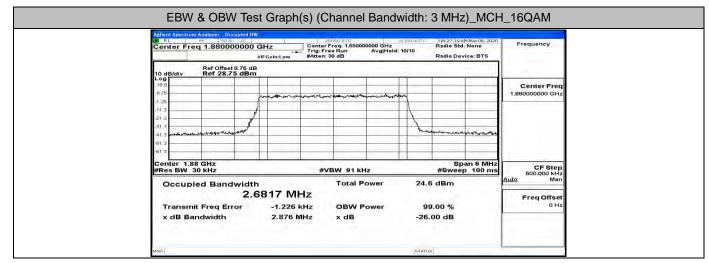




Acilient Spectrum Analyzer - Occupient IW W RL ++ 20.6 - Set									
Center Freq 1.908500000		Trig: Fre #Atten: 3	e Run	Avg Hold: 1	0/10	Radio Dev		Frequency	
Ref Offset 8.75 d 10 dB/div Ref 28.75 dBr						_			
18.8 8.75	La La driver Arts	he stano to she	Process brander	yrangerala				Center Freq 1,908500000 GHz	
-125 -11.3 -21.3	1								
-31.3 -41.3					La	مورد مدرومه مار هار مار مار مار مار مار مار مار مار مار م	o superiore to the day of		
Genter 1.909 GHz #Res BW 30 kHz		#V	BW 91 KH	1z	-		an 6 MHz 5 100 ms	CF Step	
Occupied Bandwidt			Total P	ower	25.	5 dBm		Auto Man	
2. Transmit Freq Error	.6823 M -2.583 2.907	kHz	OBW P	ower		9.00 % .00 dB		Freq Offset 0 Hz	

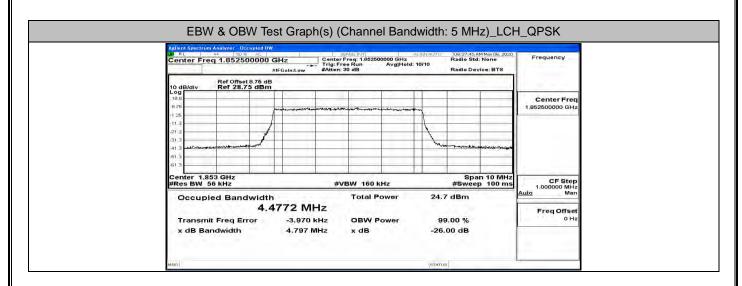
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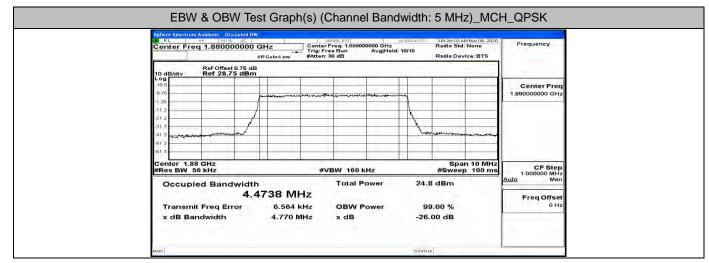




	1 May 08, 2020	100-22-26 46	GNAUTO		SENSE INT		w:	nolyzer - Occupied BV	
Frequency	None	Radio Std: Radio Devi			Freq: 1.90850 ee Run	Center Trig: F) GHz #IFGaln:L	1.908500000	
								Ref Offset 8.75 dE Ref 28.75 dBm	10 dB/div
Center Fred 1,908500000 GH:				angerette angleter	aby mail and an	ndrugh winner	mueros		18.8 8.75
							\bot		-1.25 -11.3
	abutt an an	withing and a second	Lun			-		and the second second second	313 413 486-4 7-5-4
	an 6 MHz	Spa	- 1			1		9 GHz	61.3
CF Step 500.000 kH Auto Mar	100 ms	#Sweep			/BW 91 kH	#		1990 114	#Res BW 3
		dBm	24.5	ower	Total P		h 6856	d Bandwidtl	Occupi
Freq Offse 0 H:		.00 %	99	ower	OBW P	99 kHz	10.00012	Freq Error	Transmit
1		00 dB	-26.		x dB	87 MHz	2.8	dwidth	x dB Bar

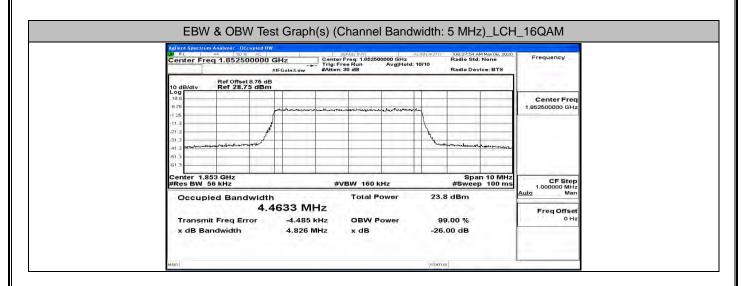
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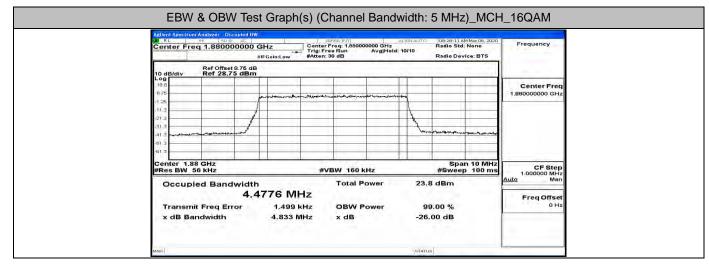




Center Freq 1.90750000			ENSE INT Freq: 1,90750		LIGNAUTO	De:29:20 A	AM May 08, 2020	Frequency
Center Fred 1.90750000	#IFGain:Low	#Atten:	ee Run	Avg Hold:	10/10	Radio Dev		a state of the
Ref Offset 8.75 dB	iB m							
18.8					1			Center Freq
6.75	-		aproven		2		-	1,907500000 GHz
-125	1				N			
213	1	-			1			
413 monoran manufacture					5	and many	to the dry harmation	
-613								
Center 1.908 GHz #Res BW 56 kHz		#1	BW 160 P	(Hz	-	Spa #Sweet	an 10 MHz p 100 ms	CF Step
Occupied Bandwid	th		Total P	-	24.	7 dBm	p 100 ms	1.000000 MHz Auto Man
	4725 M	Hz	, order i		~			Freq Offset
Transmit Freq Error	-50	3 Hz	OBW P	ower	9	9.00 %		0 Hz
x dB Bandwidth	4.778	MHz	x dB		-26	.00 dB		

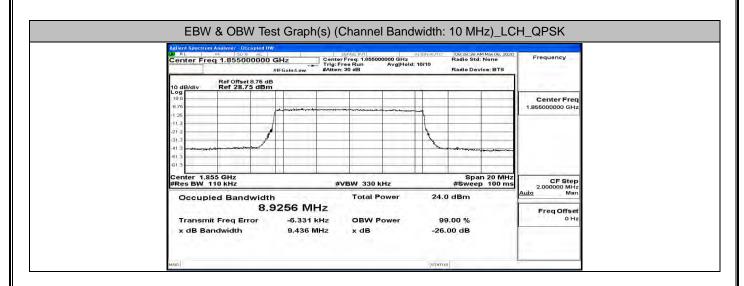
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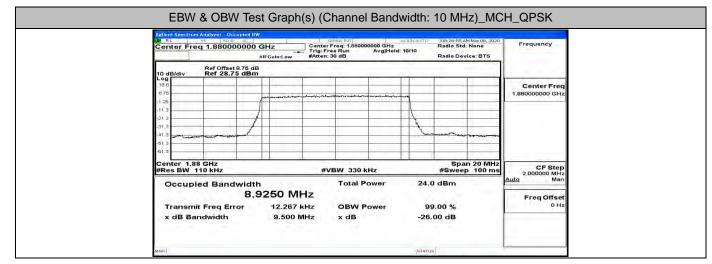




enter Freq 1.907500000 GHz Center Freq 1.907500000 GHz Radio Std: None Radio Std: None Radio Device: BTS Center 1.90760000 GHz Center Freq: 1.90760000 GHz Radio Device: BTS Center 1.9076 GHZ Center Freq: 1.90760000 GHz Radio Device: BTS Center Freq: 1.90760000 GHz Radio Device: BTS Center 1.9076 GHZ Center Freq: 1.90760000 GHz Radio Device: BTS Center 1.9076 GHZ Center Freq: 1.90760000 GHZ Radio Device: BTS Center 1.9076 GHZ Center Freq: 1.90760000 GHZ Radio Device: BTS Center Freq: 1.90760000 GHZ Radio Device: BTS Center 1.9076 GHZ Center Freq: 1.90760000 GHZ Radio Device: BTS Center 1.908 GHZ September Center Cen		Frequency								
Center Freq 1.90750000		Trig: Fre	e Run		10/10			Center Fre 1.907500000 GH 1.000000 MH Auto Mit		
Ref Offset 8.75 d	dB/div Ref 28.75 dBm									
Log						-		Center Freq		
8 75	phageamon	-		homenun	~			1.907500000 GHz		
-1.26	1				1					
-21.3		Center Free: 1:90750000 GF Trig: Free Run Avgit Atten: 30 dB #VBW 160 kHz Total Power 33 MHz 464 Hz OBW Power	-	X	-	-				
-313					hun	-				
61.3										
Center 1.908 GHz		-45.4	DW 160 K		-			CF Step		
		#0		-	22		p iou ms			
		17	Total P	ower	23.	o upm				
	201 - C . C		OBW P	ower	9	Radio Device: BTS	Freq Offset 0 Hz			

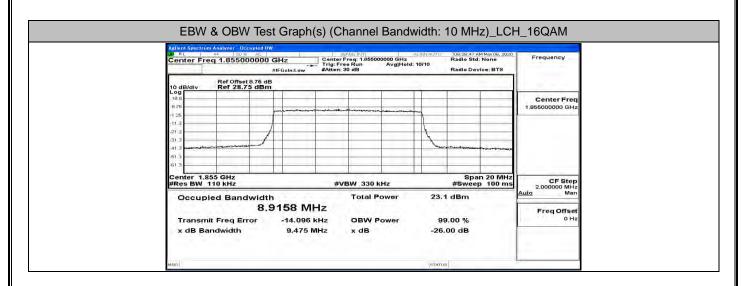
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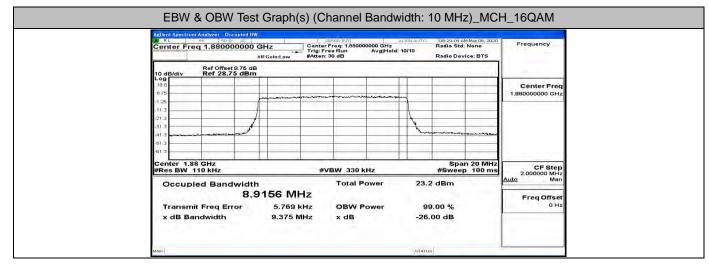




Agilent Spectrum Analyzer - Occupied B	W	SENSE:INT	ALIGNAUTO	108:29:13 AM May 08, 2020	1		
Center Freq 1.90500000	Trig	ter Freq: 1.905000000 GHz : Free Run Avg Hole en: 30 dB	1: 10/10	Radio Std: None Radio Device: BTS	Frequency		
10 dB/div Ref 28.75 dBn	B 1				Center Frequency Center Freq 1.905000000 GH		
18.6 18.75	- Realization and the paper all the system	and a second	um.				
-126							
313 413 ~~~~~				-			
-61.3							
Center 1.905 GHz #Res BW 110 kHz		#VBW 330 kHz		Span 20 MHz #Sweep 100 ms	2.000000 MHz		
Occupied Bandwidt	h 9203 MHz	Total Power	23.9	dBm			
O, Transmit Freq Error	12.607 kHz	OBW Power	99.	99.00 %			

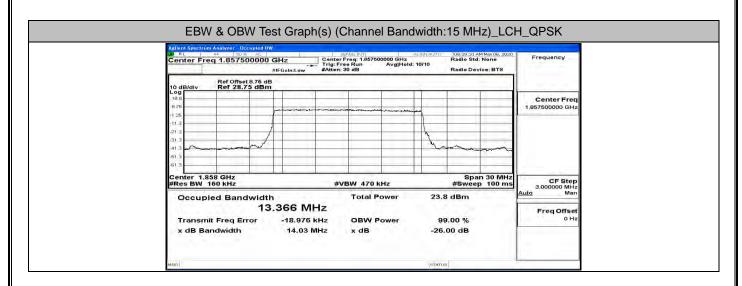
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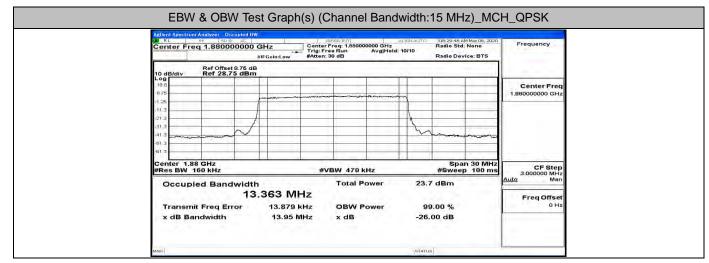




LW RL RF SUR AL		SENSE:INY		LIGNAUTO		AM May 08, 2020	Enderson State Sta
Center Freq 1.90500000			Avg Hold:	10/10	Radio Std		requerey
Ref Offset 8.75 d 10 dB/div Ref 28.75 dBr	B						
18.8 8.75					-		
25	prompose	Adapta paga African Principal and Shi	wat was well and	~		-	Center Fre 1.905000000 GH 2.000000 MH Auto Ma
213	1			X		-	
-31.3 -41.3 - men marken mark reason				mo	-	mana international	Frequency Frequency Center Freq 1.905000000 GHz
61.3			-		1		
Center 1.905 GHz #Res BW 110 kHz		#VBW 330	kHz				CF Step
	Freq 1.905000000 GHz #FGainLow Ref 28.75 dBm Ref 28.75 dBm 1.905 GHz W 110 KHz wupled Bandwidth 8.9094 MHz Smit Freq Error 11.768 kHz OBW	Power					
	es BW 110 kHz #VBW 330 kHz #Sweep 100 ms Occupied Bandwidth Total Power 23.1 dBm 8.9094 MHz						
x dB Bandwidth			Fower		.00 dB		2 G#

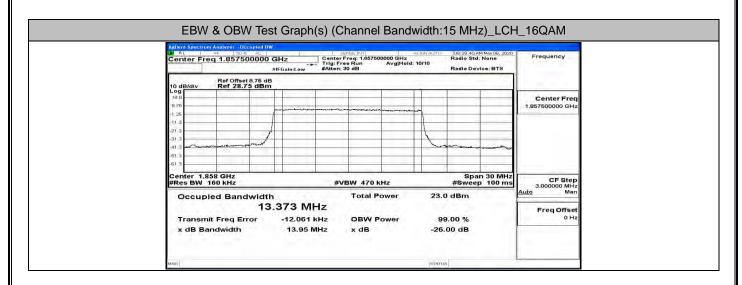
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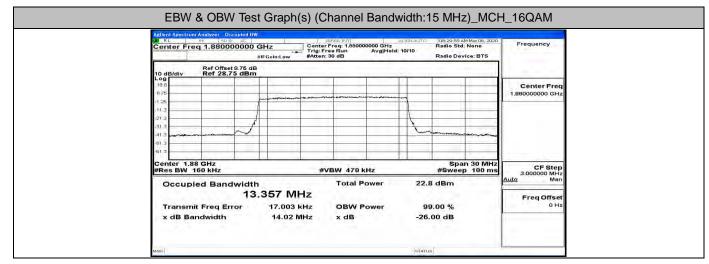




Agilent Spectrum Analyzer Occupied B	W	5	INSE INT		GNAUTO	Ine arrive a	M May 08, 2020			
Center Freq 1.902500000	#IFGaln:Low	Center	req: 1.90250 le Run		100	Radio Std	: None	Frequency		
10 dB/div Ref 28.75 dBn										
Log 18.8 8.75	June 10 mar 10	matorn		mannan	-			Center Freq 1,902500000 GHz		
-126 -11.3 -21.3										
313 413					two			Hz Center Fre 1.002500000 GH 3.00000 MH Auto Ma		
61.3 61.3 Center 1.903 GHz		_					D 30 MHz			
#Res BW 160 kHz		#V	BW 470 k	Hz				CF Step 3.000000 MHz		
Occupied Bandwidt	z #VBW 470 kHz #Span 30 MHz Iz #VBW 470 kHz #Sweep 100 ms andwidth Total Power 23.7 dBm 13.386 MHz									
Transmit Freq Error			OBW P	ower	99	9.00 %		Freq Offset 0 Hz		
x dB Bandwidth	14.02 M	AHz	x dB		-26.	00 dB				

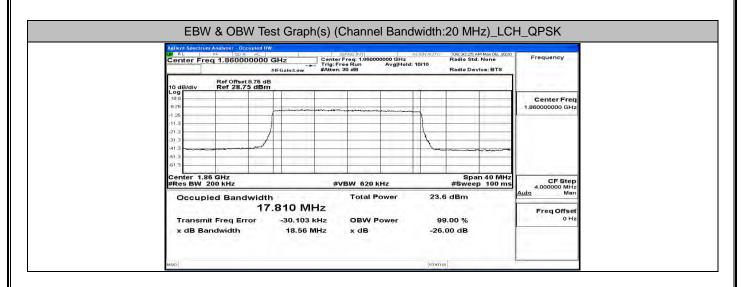
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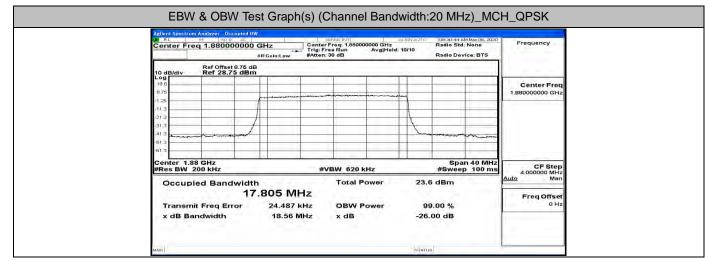




	ter 1.903 GHz By BW 160 KHz By BW	RL							
Frequency	1.1.1.1.1.1	Trig: Free Run Avg Hold: 10/10							Center Fre
									10 dB/div
Center Freq		-							18.8
			~	-			_		8 75
		-	1				1		-1.25
		_	1		-			_	-21.3
			h						313
		The second second	-		_			_	-61.3
		1							-61.3
CF Ster				Hz	VBW 470	*			
		dBm	22.7	ower	1.0.0	ndwidth	ied Ban	Occup	
Freq Offse						O MHz	13.3		
	1.1	.00 %	99	ower	OBW Power		ansmit Freq Error		Transm
		Image: State of the sector	x dB Ba						

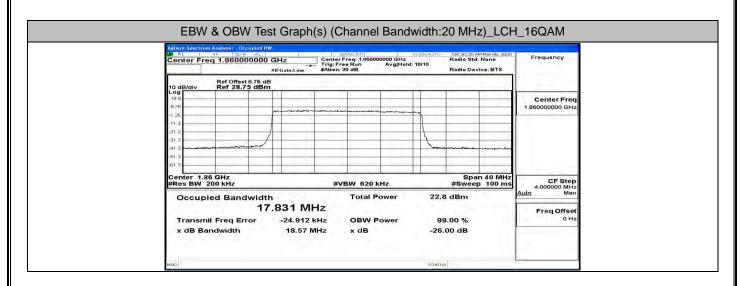
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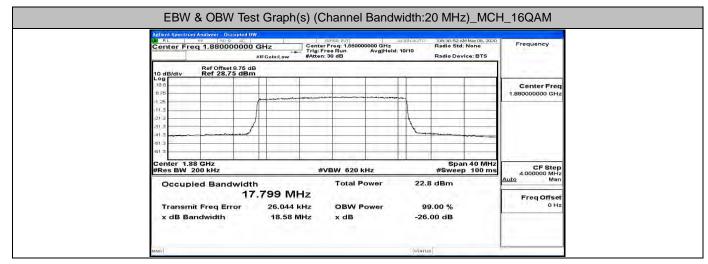




	ter 1.9 GHz #VBW 620 kHz #Span 40 MHz ter 1.9 GHz #VBW 620 kHz #Sweep 100 ms automation 17.872 MHz	1								
	Trig: Free Run Avg Hold: 10/10							Frequency		
10 dB/div Ref 28.75 dBr	B n									
18.6 8.75										
-125	1				1			Center Freq 1.90000000 GHz		
-31.3 -41.3	/				Luc					
-61.3							a man			
Center 1.9 GHz #Res BW 200 kHz		#V	BW 620 k	Hz				4.000000 MHz		
		u.,	Total P	ower	23.:	3 dBm		<u>Auto</u> Man		
Transmit Freq Error	-9.768	kHz		ower						

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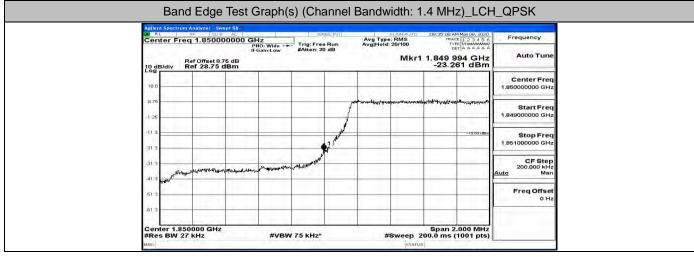


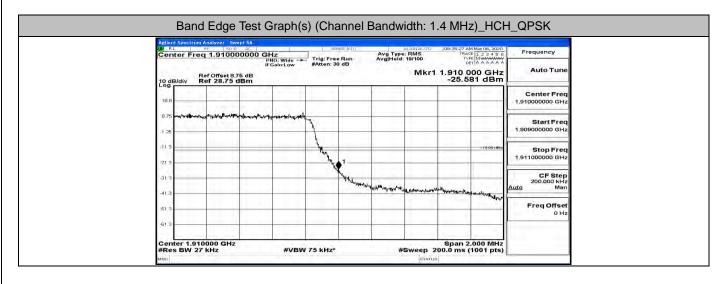


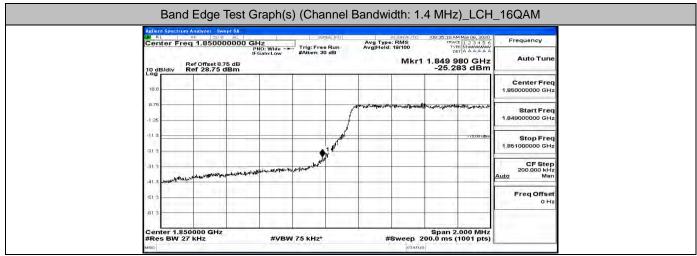
Erequency	AM May 08, 2020	er 1.9 GHz Span	RL						
requercy	and a strength of the strength		10/10	Trig: Free Run Avg Hold:					
							.75 dB	Ref Offset 8	10 dB/div
Contra Free					-	- 1			Log
								-	8.75
			A				1		-1.25
	-		1	_					-21.3
			1		1		1	-	-31.3
CF Step 4.000000 GHz 4.000000 HHz Auto Man Freq Offset 0 Hz	- marine	when you we			-				-61.3
					-		1 1 1		61.3
CF Step	an 40 MHz p 100 ms	Span 40 W BW 620 kHz #Sweep 100							
		Total Power 22.5 dBm						ed Bandy	Occup
Fred Offse					GHz Server, 1,00000000 GHz Center Freq, 1,00000000 Trig: Freq Run Av #REGalin:Low #Atten: 30 dB #VBW 620 kHz #VBW 620 kHz Total Pow. .851 MHz -11.835 kHz OBW Pow				
	1.1.1	9.00 %	9	ower	OBW	1.835 kHz	or .	it Freq Erro	Transm
		00 dB	-26		x dB	8.55 MHz		ndwidth	x dB Ba

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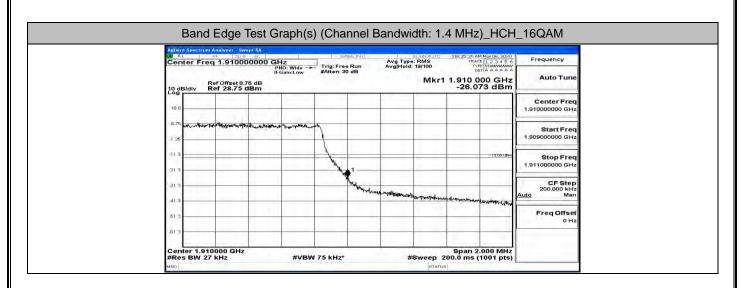
G.4 Band Edge

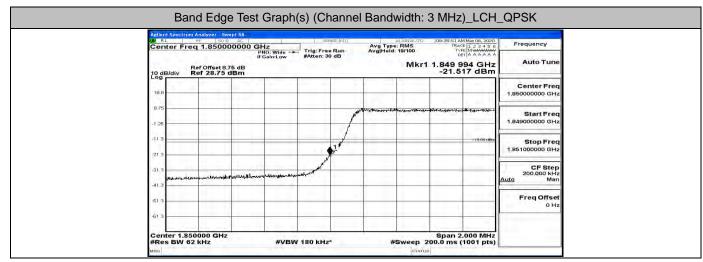


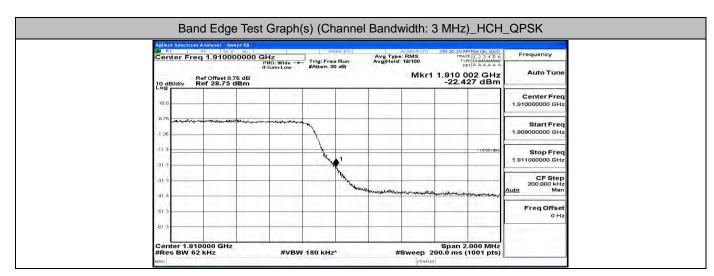




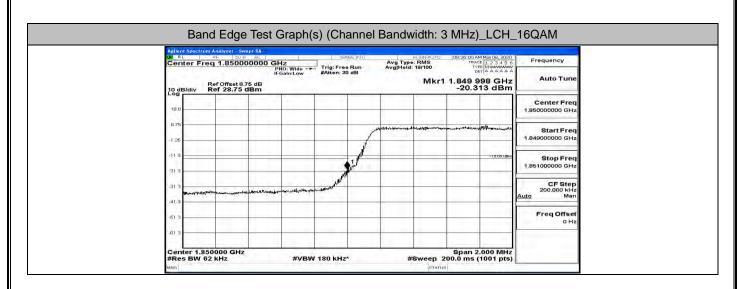
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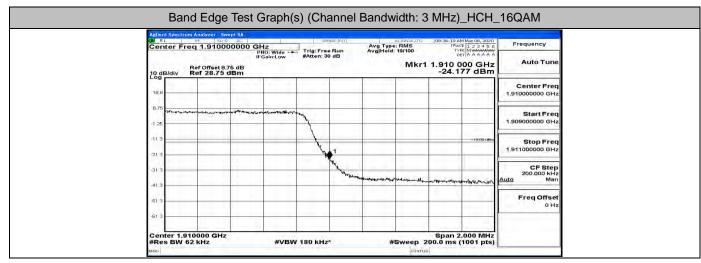


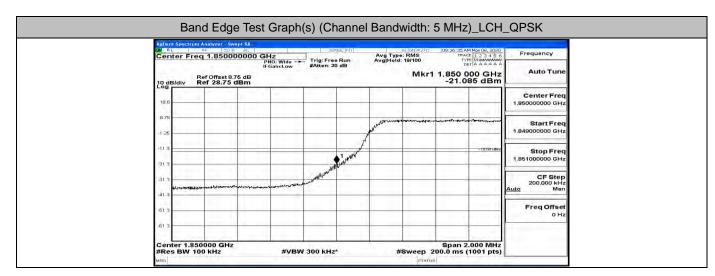




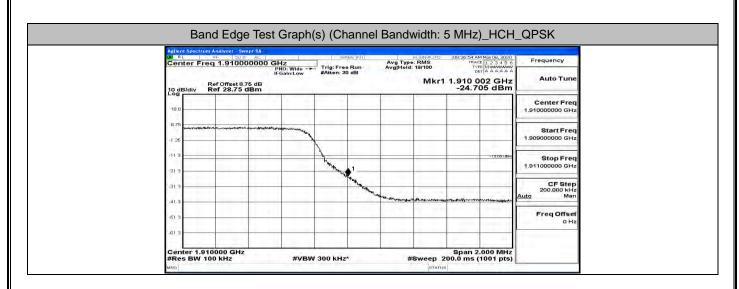
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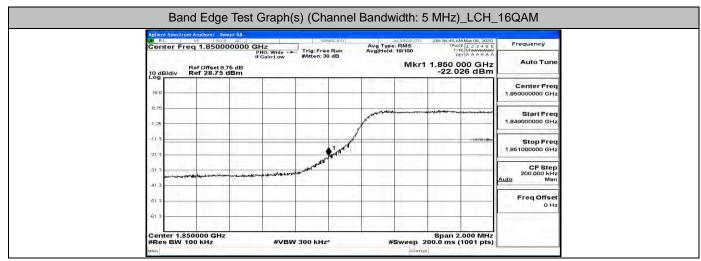


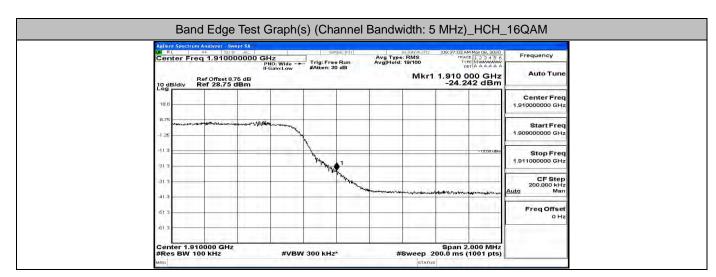




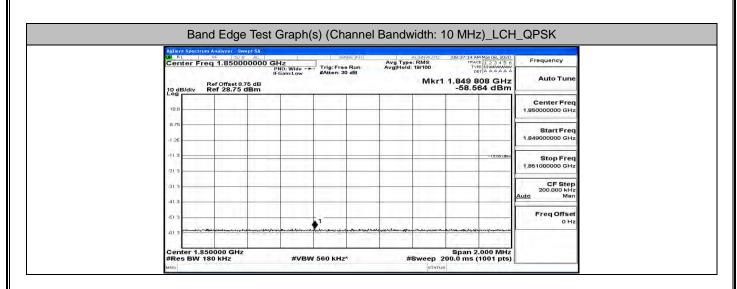
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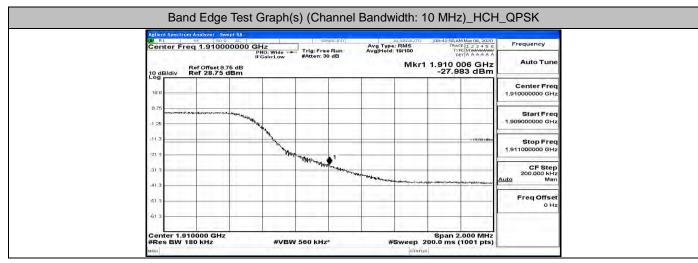


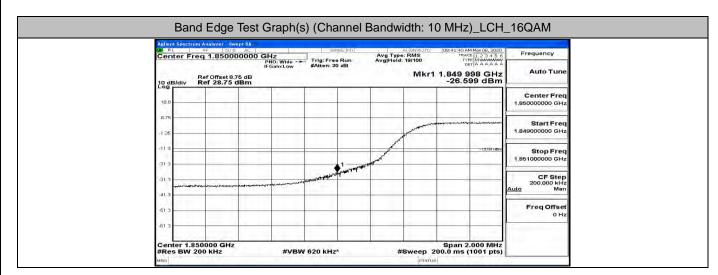




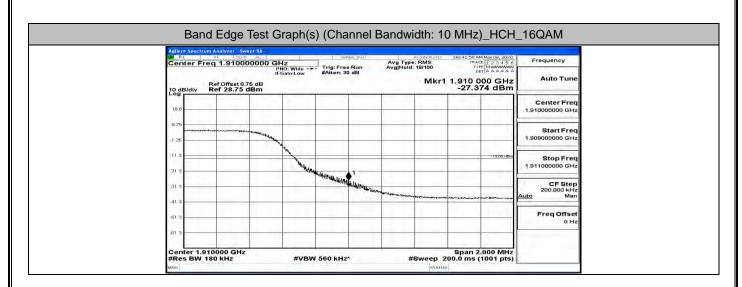
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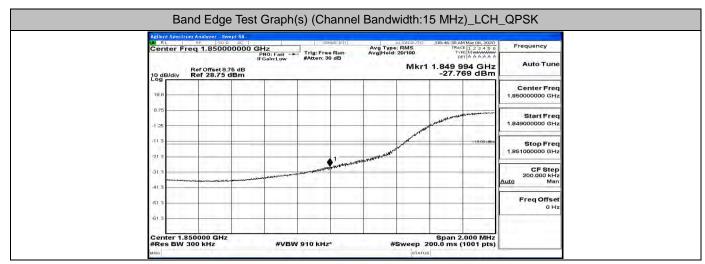




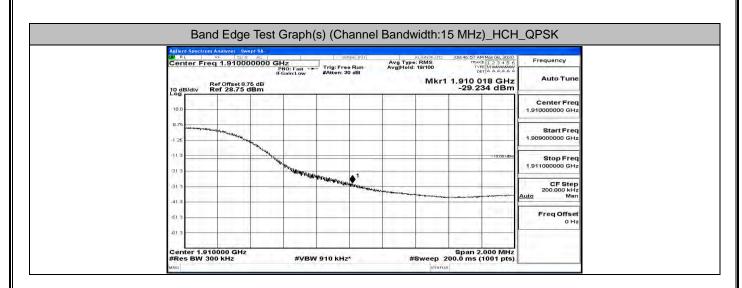


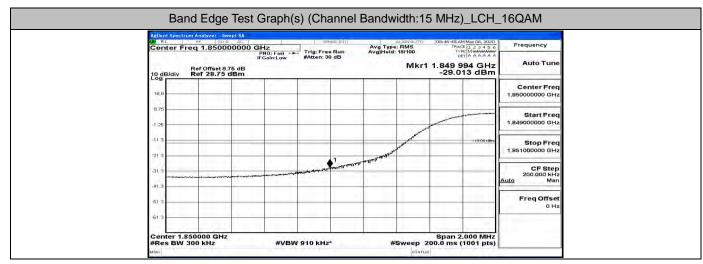
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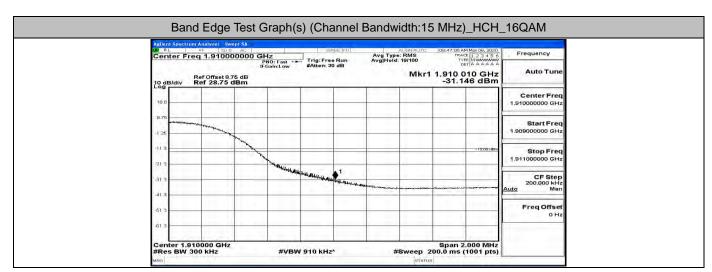




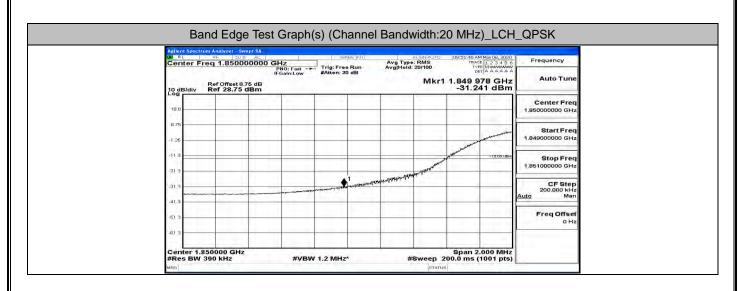
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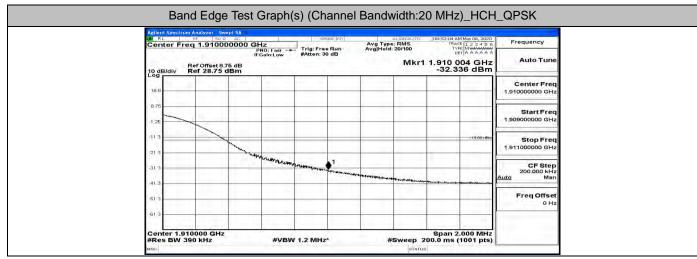






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Center Freq 1.850000000 GHz IFGalut.uw Trig: Free Run Axter: 30 dB Avg Type: RMS WigHold: 19100 Trig: Free Quency Trig: Free Run Axter: 30 dB Avg Type: RMS Trig: Free Run State: 30 dB Trig: Free Preguency 0 dB/div Ref 28.75 dB Ref Offset 8.75 dB Mkr1 1.850 0000 GHz -31.101 dBm Auto Tune 188 Image: State 1.35 -135 State 1.75 -135 State Freq 1.85000000 GHz -135 State Freq 1.85000000 GHz -135 113 Image: State 1.35 -135 State Freq 1.85000000 GHz -135 State Freq 1.85000000 GHz -135 113 Image: State 1.35 -135 State 1.55 -135 State 1.55 -135 113 Image: State 1.35 -135 State 1.35 -135 113 Image: State 1.35 -135 State 1.35 -135 113 Image: State 1.35 -135 Image: State 1.35 -135 113 Image: State 1.35 -135 Image: State 1.35 -135 113 Image: State 1.35 -135 Image: State 1.35 -135 114 Image: State 1.35 -135 Image: State 1.35 -135 115 Im	1 1000 C 10 C 10 C	May 08, 2020	08:51:55 AM	ALIGNAUTO		sense:InT			RF 50 S		Agiler R
Ref Offset 8.75 dB Mkr1 1.850 000 GHz -31.101 dBm Auto Tune 168 -31.101 dBm -31.101 dBm -31.101 dBm 113 -31.101 dBm -31.101 dBm -31.101 dBm	Frequency	123456	TRACI	e: RMS	Ava Type		Z Or Fact when T	000000 G			
188 Center Freq 187 136 136 136 137 136 138 136 139 136 130 136 131 136 133 136 133 136 133 136 133 136 133 136 133 136 133 136 133 136	Auto Tune	00 GHz	1.850 0			30 dB		1.75 dB	Ref Offset 8. Ref 28.75	B/div	10 di
125 13 14 <									-	11.1	-55
213 1 Stop Freq 313 1 EF Stop Stop Stop Stop Stop Stop Stop Stop		-								1.000	
At 3 Auto Man Freq Offset		-13:00 tilbri	and the second s	Aller						3	111
Freq Offset	200.000 kHz			n n n n n n n n n n n n n n n n n n n	ul van later and a	1			Maximum 4	3	
										3	

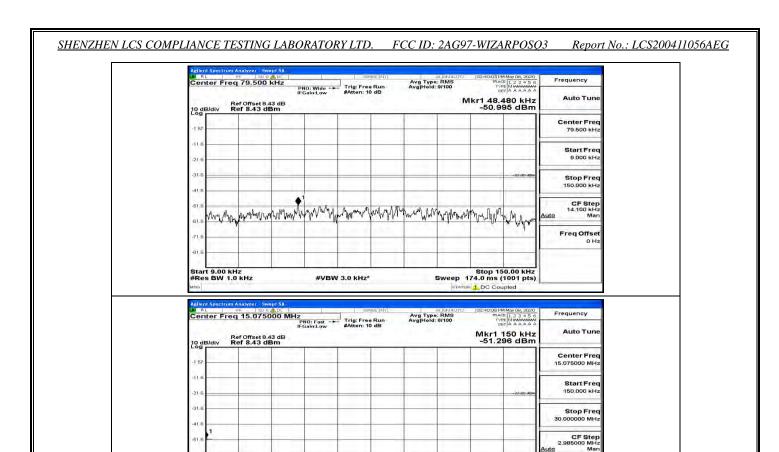
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Agile		RF TE			197	NSE INT		AL IGNAUTO	08:52:13 AM	May 08, 2020	
	nter Fre	q 1.910	000000 G	Hz PNO: Fast -+	Trig: Fre	e Run	Avg Type Avg Hold	: RMS 19/100	TRACI	123456 Minanana A A A A A A	Frequency
10 d	B/div F	Ref Offset	9.76 dB	FGain:Low	#Atten: 3	0 dB			1.910 0	02 GHz 75 dBm	Auto Tune
18.8											Center Freq 1.910000000 GHz
8.75		Marken we when									Start Freq 1.909000000 GHz
-11 3		"WWWWW	and							-15.00 vitem	Stop Freq 1.911000000 GHz
-313 -413			7*ti	napannestest og valet	and and the second	1 Sumeron and	-	******************			CF Step 200.000 kHz Auto Man
-61 3											Freq Offset 0 Hz

G.5 Conducted Spurious Emission

	nt Spectrum Analyzer Swe RL 95 500 nter Freq 79.500 1	KHZ PHO: Wide a Trig:	senise (M) Avg Free Run Avg	alieNauro g Type: RMS Hold: 9/100	02:39:51 PM May 06, 2020 TRACE 1 2 3 4 5 6 TVPE MMMMMMM DET A A A A A A	Frequency
10 0	Ref Offset 8.4 B/div Ref 8.43 dE		n; 10 dB		r1 59.901 kHz -47.210 dBm	Auto Tune
-1 57	and the second sec					Center Freq 79.500 kHz
-11.6	3					Start Freq 9.000 kHz
-31.6		-1			-33:00 dBm	Stop Freq 150.000 kHz
-61.4		with when the state of the second	when any wearing we	Jur man front of the	white May	CF Step 14.100 kHz Auto Man
-61.6			+		r	Freq Offset 0 Hz
-81.6	1000					5.15M
Sta #Re	art 9.00 kHz es BW 1.0 kHz	#VBW 3.0 K	Hz*		Stop 150.00 kHz 4.0 ms (1001 pts) DC Coupled	
8.384 F	nt Spectrum Analyzer Swe RL 95 50 %, Inter Freq 15.0750		SENICE (M) Avg	attenauro g Type: RMS [Hold: 8/100	02:39:56 PM May 08, 2020 TRACE 1 2 3 4 5 6 TYPE MWWWWWW DET A A A A A	Frequency
10.6	Ref Offset 8.4 B/div Ref 8.43 dE	IFGain:Low #Atte	in: 10 dB		Mkr1 150 kHz -49.490 dBm	Auto Tune
-1 57	in the state of th					Center Freq 15.075000 MHz
-11 6					-23:88 dBm	Start Freq 150.000 kHz
-31.6						Stop Freq 30.000000 MHz
-61 6	3					CF Step 2.985000 MHz Auto Man
-61.6						Freq Offset 0 Hz
-81.6	, Internet and the second s	n han den metan men men han same stade s	icontention and the lines	yellingadinyelunaniyeriye.ps	erenderheiden in heren in he	0112
Sta #Re	rt 150 kHz es BW 10 kHz	#VBW 30 kH	12*		Stop 30.00 MHz 8.3 ms (1001 pts) DC Coupled	
1.000	nt Spectrum Analyzer Swe RL 96 [50 Q nter Freq 13.0150	00000 GHz	sense;[h]r] Free Run Avg	autonauro g Type: RMS Hold: 4/100	02:40:00.PM May 08, 2020 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET A A A A A A	Frequency
10 5	Ref Offset 8.4 Bidiv Ref 30.00 d	IFGain:Low #Atte	n: 40 dB		2 25.740 GHz -30.202 dBm	Auto Tune
20.0	the second second		-	-		Center Freq 13.015000000 GHz
10.0	Y					Start Freq 30.000000 MHz
					-1 3,00 sittim	Stop Freq 26.000000000 GHz
-10.0						20.00000000000
- 10.0 - 20.0 - 300.0				-	man the state	CF Step 2.597000000 GHz
		and the second second second		-lip-management	North Market	CF Step 2.59700000 GHz <u>Auto</u> Man Freq Offset
-20.0 -30.0 -40.0	2 2 2 2 2 2			-	North Market	CF Step 2.597000000 GHz <u>Auto</u> Man

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#VBW 30 kHz*

Freq Offset

Stop 30.00 MHz Sweep 368.3 ms (1001 pts)

DCC

61

-81

Start 150 kHz #Res BW 10 kHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5

Center Freq 79.500 kl	Hz	SENSEINY	Avg Type:	RMS	TRAC	May 08, 2020 1 2 3 4 5 6	Frequency
Ref Offset 8.43 10 dB/div Ref 8.43 dBr	PNO: Wide IFGain:Low dB	Trig: Free Run #Atten: 10 dB	Avg Hold: 9			519 kHz 22 dBm	Auto Tune
157							Center Freq 79.500 kHz
21.6							Start Freq 9.000 kHz
31.6							Stop Freq 150.000 kHz
SI B MAMAYANAMANAMANA	man how high	Marina Marina	Mar Alex Mary	han hang	~www.//h/han	~~~~	CF Step 14.100 kHz Auto Man
716				-			Freq Offset 0 Hz
81.6					<u> </u>	1	
Start 9.00 kHz #Res BW 1.0 kHz	#VBW	3.0 kHz*	s	weep 1	Stop 15 74.0 ms (0.00 kHz 1001 pts)	

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<u>Report No.: LCS200411056AEG</u>

Auto Tune	150 kHz 36 dBm	Mkr1 1				FGain:Low	set 8,43 dB	Ref Offse v Ref 8.43	0 dB/div
Center Freq 15.075000 MHz			-						1 57
Start Freq 150.000 kHz	-23:08 dBm								21.6
Stop Freq 30.000000 MHz									41.6
CF Step 2.985000 MHz Auto Man									61.6 1
Freq Offset									71.6
0 Hz	0.00 MHz 1001 pts)	Stop 30 68.3 ms (1	Sweep 3	1	uphydraett V 30 kHz*		netallalaparanetxi, edoewale	22/21	atart 15 Res BV
	0.00 MHz 1001 pts) ipled May 08, 2020 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Stop 30 68.3 ms (* DC Cou 102:40:23 PM TRAC TYP DE	Sweep 3 STATUS ALIGNAUTO a: RMS : 4/100		V 30 kHz*	#VBV	т. 5wept SA 1 50 а. ас. 015000000 (50 kHz W 10 kHz ec//um Analyzer >>> Freq 13.0*	Start 15 Res BV
0 Hz Frequency	0.00 MHz 1001 pts) ipled	Stop 30 68.3 ms (* DC Cou 102:40:23 HM TTAC TYP DE CC 25.5	Sweep 3 STATUS ALIGNAUTO a: RMS : 4/100	Avg Type	V 30 kHz*	#VBV GHz	C Swept SA 150 Q AC 015000000 Q	50 kHz W 10 kHz • Freq 13.0 • Ref Offse • Ref 30.0	Bill Bill Bill Bill Bill Bill Bill Bill
0 Hz Frequency Auto Tune Center Freq	0.00 MHz 1001 pts) apled	Stop 30 68.3 ms (* DC Cou 102:40:23 HM TTAC TYP DE CC 25.5	Sweep 3 STATUS ALIGNAUTO a: RMS : 4/100	Avg Type	V 30 kHz*	#VBV GHz	rr 5wept SA 150 ≎ #Z 0150000000 (u set 9.41 dB	50 kHz W 10 kHz ectrum Analyzer 95 Freq 13.07 Ref Offse	Bill Bill Bill Bill Bill Bill Bill Bill
0 Hz Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq	0.00 MHz 1001 pts) apled	Stop 30 68.3 ms (* DC Cou 102:40:23 HM TTAC TYP DE CC 25.5	Sweep 3 STATUS ALIGNAUTO a: RMS : 4/100	Avg Type	V 30 kHz*	#VBV GHz	rr 5wept SA 150 ≎ #Z 0150000000 (u set 9.41 dB	50 kHz W 10 kHz • Freq 13.0 • Ref Offse • Ref 30.0	si a start 15 Res BV so so so so so so so so so so
Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq 30.000000 MHz Stop Freq	0.00 MHz 1001 pts) ipled May 00 200 m [Navasa 84 GHz 59 dBm	Stop 30 68.3 ms (* DC Cou 102:40:23 HM TTAC TYP DE CC 25.5	Sweep 3 STATUS ALIGNAUTO E: RMS : 4/100	Avg Type	V 30 kHz*	#VBV GHz	rr 5wept SA 150 ≎ #Z 0150000000 (u set 9.41 dB	50 kHz W 10 kHz • Freq 13.0 • Ref Offse • Ref 30.0	al a Start 15 Res BV Ro Client Spec FRL Center

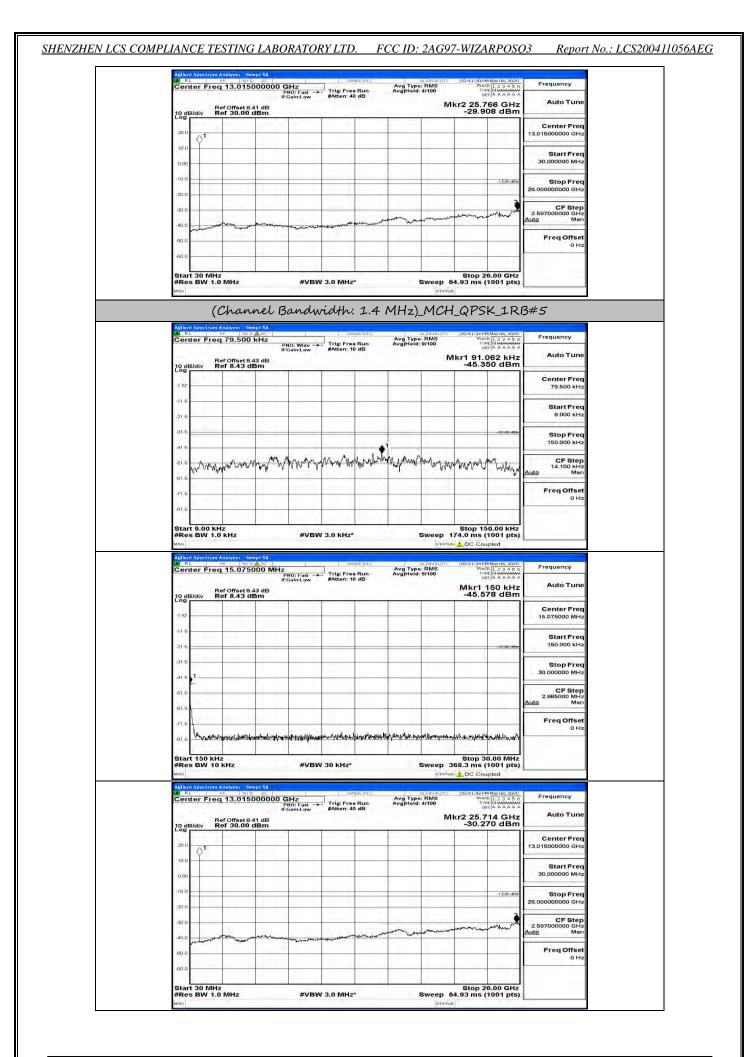
Center Freq				Trig: Free	Bun	Avg Type Avg Hold:	RMS	TRAC	May 08, 2020 E 1 2 3 4 5 6 E MWAAWAAAA T A A A A A A	Frequency
10 dB/div Ref	Offset 8.43 dl f 8.43 dBm	IFGain:L		#Atten: 10				kr1 91.3	203 kHz 19 dBm	Auto Tune
-1 57										Center Fred 79.500 kHz
-21.6										Start Fred 9.000 kHz
-31.6				_		1	_	_		Stop Frec 150.000 kHz
-61.8 WAWAYAM	Marana	1 million	marth	how	May My M	arlywww.	WWWWWW	1 mm	1 m way	CF Step 14.100 kHz Auto Mar
-71.6										Freq Offset 0 Hi
-81.6										

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	og dB/di	v Re	Offset 8. f 8.43 d	3m					_	-46.5	150 kHz 51 dBm		
	-1 57	÷		11								Center Freq 15.075000 MHz	
2	116					_						Start Freq	
	31.6										-23-08 dBm	150.000 kHz	
1	41.6 1 -											Stop Freq 30.000000 MHz	
-	61.6	-				_						CF Step 2.985000 MHz Auto Man	
	61.6								1 1			FreqOffset	
	-81.6	whether	wardyhynelled	aleman (t-) lapoder	any yes the control of the control o	the surgers age and	wayadhalanthy	wyhter which	hinderund	unaphysicity	hanahaantha	0 Hz	
s	Start 1	50 kHz				100 M. V.				Stop 3	0.00 MHz	-	
# 64	Res B	W 10 K	Hz	_	#VBN	30 kHz*				68.3 ms (-	
22	RL		13.0150	000000 G	Hz	SE Trig: Fre	NSE:INY	Avg Type Avg Hold:		02:41:18 PM	4 May 08, 2020 E 1 2 3 4 5 6 E MMMMMM T A A A A A A	Frequency	
		Rei	Offset 8.	- 05	NO: Fast 🔸 Gain:Low	#Atten: 4	0 dB	Avginola.		kr2 25.6	36 GHz	Auto Tune	
	og dB/di	v Re	f 30.00 (1Bm		-			-	-30.2	84 dBm	Center Freq	
	10.0	> ¹										13.015000000 GHz	
1	0.00											Start Freq 30.000000 MHz	
я	10.0								_		-1 3,00 dbin	Stop Freq	
1	20.0										2	26.00000000 GHz CF Step	
10	40.0		مر یاس	and a second	and the second designed	and the second designed as		-	مريند مريند مريند مريند مريند	and when	munt	2.597000000 GHz Auto Man	
	-50.0											Freq Offset 0 Hz	
÷	60.0								-				
12					_					Stop 2	6.00 GHz		
#	ASO	(C				idth			STATUS	1_QPS	1001 pts) K_1R[3#3	
# 	Kellent Sp Relient Sp Relient Sp Relienter	(C ectrom Ar Freq	'han	ept SA ASPC KHZ IF		ridth.	: 1.4 /			14.93 ms (L_QPS 102:41:22 ff TRAC 101 102:41:22 ff TRAC 101 102:41:22 ff TRAC	1001 pts) K_1R[1May 08, 2020 T 1 2 3 4 5 6 T 1 2 3 4 5 6 T 1 2 3 4 5 6	3#3 Frequency Auto Tune	
# 	#Res B	(C ectrom Ar Freq	2han 19/221 5w 79.500	ept SA ASPC KHZ IF	andu	ridth.	: 1.4 /	MHz) <u></u>		14.93 ms (L_QPS 102:41:22 ff TRAC 101 102:41:22 ff TRAC 101 102:41:22 ff TRAC	1001 pts) K_1R[1123456 112356 112566 112566 112566 1125	Frequency	
# 	Velient Sp National Sp Nationa	(C ectrom Ar Freq	2han 19/221 5w 79.500	ept SA ASPC KHZ IF	andu	ridth.	: 1.4 /	MHz) <u></u>		14.93 ms (L_QPS 102:41:22 ff TRAC 101 102:41:22 ff TRAC 101 102:41:22 ff TRAC	1001 pts) K_1R[1123456 112356 112566 112566 112566 1125	Frequency Auto Tune Center Freq 79.500 kHz Start Freq	
# 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	*Res B	(C ectrom Ar Freq	2han 19/221 5w 79.500	ept SA ASPC KHZ IF	andu	ridth.	: 1.4 /	MHz) <u></u>		14.93 ms (L_QPS 102:41:22 ff TRAC 101 102:41:22 ff TRAC 101 102:41:22 ff TRAC	1001 pts) K_1R/ I A 4 5 6 I A 4 6 7 6 I A 4 6	Frequency Auto Tune Center Freq 79.500 KHz Start Freq 9.000 KHz	
# <u> </u> [2] 2] 3]	Action 500 Action	(C ecfrum Ar 91 - Freq v Re	2007 1 209 79,500 7 Offset 8.4 7 8.43 d	ept SA ADDC KHZ IF I3 dB 3m	andu	Trig: Fre #Atten: 1	: 1.4		MCH	14.93 ms (1_QPS 100:41:22 H 100:41:22 H 100:41:42 H 1	1001 pts) K_1RR 1023 405 1023 405 1005 1005 1005 1005 1005 1005 1005 1	Frequency Auto Tune Center Freq 79.500 kHz Start Freq	
# <u> </u> 	Action 500 Action	(C ecfrum Ar 91 - Freq v Re	2007 1 209 79,500 7 Offset 8.4 7 8.43 d	ept SA ADDC KHZ IF I3 dB 3m	andu	Trig: Fre #Atten: 1	: 1.4		MCH	14.93 ms (1_QPS 100:41:22 H 100:41:22 H 100:41:42 H 1	1001 pts)	Frequency Auto Tune Center Freq 79.500 HHz Start Freq 9.000 HHz Stop Freq 150.000 HHz CF Step 14.100 HHz	
# 2 2 3 3 4 3 4 4 3 4 4 3 4 4 3 4 4 3 4 4 3 4	Aelent Spe Recent Spe Rece	(C ecfrum Ar 91 - Freq v Re	2007 1 209 79,500 7 Offset 8.4 7 8.43 d	ept SA ADDC KHZ IF I3 dB 3m	andu	Trig: Fre #Atten: 1	: 1.4		MCH	14.93 ms (L_QPS 102:41:22 ff TRAC 101 102:41:22 ff TRAC 101 102:41:22 ff TRAC	1001 pts)	Frequency Auto Tune Center Freq 79.500 kHz Start Freq 9.000 kHz Stop Freq 150.000 kHz	
# (1997) 2010 2011 2011 2011 2011 2011 2011 201	41.6 -51.6 +41.6 -51.6 +41.6 -51.6 -41.6 -51.6 -41.6 -51.6 -41.6 -51	(C ecfrum Ar 91 - Freq v Re	2007 1 209 79,500 7 Offset 8.4 7 8.43 d	ept SA ADDC KHZ IF I3 dB 3m	andu	Trig: Fre #Atten: 1	: 1.4		MCH	14.93 ms (1_QPS 100:41:22 H 100:41:22 H 100:41:42 H 1	1001 pts)	Frequency Auto Tune Center Freq 79.500 KHz Start Freq 9.000 KHz Stop Freq 150.000 KHz CF Step 14.100 KHz Man	
# 4	Nalient Space Start Space	(<i>CC</i>) (10/201 100 79.500 10/301 8.43 di	ept SA ADDC KHZ IF I3 dB 3m	andu Ho: Wida Gaint ow	THEFT	: 1.4 (MHz).	MCH	44.93 ms (1_QPS 102-41-24 fr 102-41-24 f	10001 pts)	Frequency Auto Tune Center Freq 79,500 KHz Start Freq 9,000 KHz Stop Freq 150,000 KHz 14,100 KHz Man Freq Offset	
# <u> </u> [] [] [] [] [] [] [] [] [] [] [] [] []	Nalient Space Start Space	(CC)	10/201 100 79.500 10/301 8.43 di	ept SA ADDC KHZ IF I3 dB 3m	andu Ho: Wida Gaint ow	Trig: Fre #Atten: 1	: 1.4 (MHz).	MCH	44.93 ms (1_QPS 102-41-24 fr 102-41-24 f	1001 pts)	Frequency Auto Tune Center Freq 79,500 KHz Start Freq 9,000 KHz Stop Freq 150,000 KHz 14,100 KHz Man Freq Offset	
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# # 	HRes B B and and day and and and Conter and 157 and 116 and <t< td=""><td>(((((((((((((((((((</td><td>или 79.500 79.500 голосто, 500 голосто, 500 голосто, 500 голосто, 500 голосто, 500 голосто, 500 книг, 500 книг, 500 голосто, 500 голос</td><td>901 5A ADOC HTZ PI IF IS dB Bm ADOC IF IS dB ADOC IF IS A ADOC IF IF IF IF IF IF IF IF IF IF</td><td>andu Ho: Wida Gaint ow</td><td>Trig: Fro #Atten: 1</td><td>1.4 .</td><td>MHz).</td><td>And And And And And And And And And And</td><td>44.93 ms (1_QPS 102-41-22 If Team Team Team 102-41-22 If 102-41-22 If 102-41-</td><td>10001 pts)</td><td>Frequency Auto Tune Center Freq 79,500 KHz Start Freq 9,000 KHz Stop Freq 150,000 KHz 14,100 KHz Man Freq Offset</td><td></td></t<>	(((((((((((((((((((или 79.500 79.500 голосто, 500 голосто, 500 голосто, 500 голосто, 500 голосто, 500 голосто, 500 книг, 500 книг, 500 голосто, 500 голос	901 5A ADOC HTZ PI IF IS dB Bm ADOC IF IS dB ADOC IF IS A ADOC IF IF IF IF IF IF IF IF IF IF	andu Ho: Wida Gaint ow	Trig: Fro #Atten: 1	1.4 .	MHz).	And	44.93 ms (1_QPS 102-41-22 If Team Team Team 102-41-22 If 102-41-22 If 102-41-	10001 pts)	Frequency Auto Tune Center Freq 79,500 KHz Start Freq 9,000 KHz Stop Freq 150,000 KHz 14,100 KHz Man Freq Offset	
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# 4 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4	Altern SP	₩ 1.0 (((((((((((((((((((2017201 100 79.500 r Offset 8.4 r 8.43 d	90 5A ADOC FI IF IF IS dB ADOC ADOC ADOC IF IS dB	andu IO: Wido -+ Caint.ow / / / / / / / / / / / / / / / / / / /	Trig: Fro #Atten: 1	1.4 .	MHz)	And	44.93 ms (1_QPS 102-11-22 H 102-11-22 H	1001 pts)	Frequency Auto Tune Center Freq 79.500 kHz Start Freq 9.000 kHz Stop Freq 150.000 kHz CF Step 14.100 kHz CF Step 14.100 kHz O Hz	
# # 	Adjent SP Rtes B Rt Rt Rt Rt Rt Rt State S Rtes B Rt Rts Rts	₩ 1.0 (((((((((((((((((((2017201 100 79.500 r Offset 8.4 r 8.43 d	90 5A ADOC FI IF IF IS dB ADOC ADOC ADOC IF IS dB	andu IO: Wido -+ Caint.ow / / / / / / / / / / / / / / / / / / /	Trig: Fro #Atten: 1	1.4 .	MHz)	And	44.93 ms (1_QPS 102-11-22 H 102-11-22 H	1001 pts)	Frequency Auto Tune Center Freq 79.500 kHz Start Freq 9.000 kHz 14.100 kHz CF Step 14.100 kHz CF Step 14.100 kHz OHz Freq Offset 0 Hz Freq Uffset 0 Hz	
# 3	Altern SP Rtes B Rt Rt Rt Rt Rt Rt State S Rtes B Rtes C Rtes S	₩ 1.0 (((((((((((((((((((2017201 100 79.500 r Offset 8.4 r 8.43 d	90 5A ADOC FI IF IF IS dB ADOC ADOC ADOC IF IS dB	andu IO: Wido -+ Caint.ow / / / / / / / / / / / / / / / / / / /	Trig: Fro #Atten: 1	1.4 .	MHz)	And	44.93 ms (1_QPS 102-11-22 H 102-11-22 H	1001 pts)	Frequency Auto Tune Center Freq 79.500 KHz Start Freq 9.000 KHz Stop Freq 15.000 KHz CF Step 14.700 KHz Auto Freq Offset 0 Hz Frequency Auto Tune Center Freq 15.075000 MHz Start Freq 15.075000 MHz Start Freq 15.07500 MHz Start Freq 15.000 KHz Stop Freq	
# # 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Addred set The set of the	₩ 1.0 (((((((((((((((((((2017201 100 79.500 r Offset 8.4 r 8.43 d	90 5A ADOC FI IF IF IS dB ADOC ADOC ADOC IF IS dB	andu IO: Wido -+ Caint.ow / / / / / / / / / / / / / / / / / / /	Trig: Fro #Atten: 1	1.4 .	MHz)	And	44.93 ms (1_QPS 102-11-22 H 102-11-22 H	1001 pts)	Frequency Auto Tune Center Freq 79,500 KHz Start Freq 9,000 KHz Stop Freq 150,000 KHz Auto Tune Frequency Auto Tune Center Freq 15,075000 MHz Start Freq 150,000 KHz Stop Freq 30,000000 MHz	
# # 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4	HRes B Here S International GP Anternational GP Conter Anternational GP 1100 ABJ 1110 Anternational GP 1111 Anternaternational GP	₩ 1.0 (((((((((((((((((((2017201 100 79.500 r Offset 8.4 r 8.43 d	90 5A ADOC FI IF IF IS dB ADOC ADOC ADOC IF IS dB	andu IO: Wido -+ Caint.ow / / / / / / / / / / / / / / / / / / /	Trig: Fro #Atten: 1	1.4 .	MHz)	And	44.93 ms (1_QPS 102-11-22 H 102-11-22 H	10001 pts)	Frequency Auto Tune Center Freq 79.500 KHz Start Freq 9.000 KHz Stop Freq 15.000 KHz CF Step 14.700 KHz Auto Freq Offset 0 Hz Frequency Auto Tune Center Freq 15.075000 MHz Start Freq 15.075000 MHz Start Freq 15.07500 MHz Start Freq 15.000 KHz Stop Freq	
# # 2 2 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	HRes B Here S Solution (SP) Antonia Conter Antonia 1 S7 Antonia 1 1 S7 Antonia	₩ 1.0 (((((((((((((((((((2017201 100 79.500 r Offset 8.4 r 8.43 d	90 5A ADOC FI IF IF IS dB ADOC ADOC ADOC IF IS dB	andu IO: Wido -+ Caint.ow / / / / / / / / / / / / / / / / / / /	Trig: Fro #Atten: 1	1.4 .	MHz)	And	44.93 ms (1_QPS 102-11-22 H 102-11-22 H	10001 pts)	Frequency Auto Tune Center Freq 79.500 KHz Start Freq 9.000 KHz Stop Freq 15.000 KHz CF Step 14.100 KHz Auto Freq Offset 0 Hz Frequency Auto Tune Center Freq 15.075000 MHz Start Freq 15.0.000 KHz CF Step 2.985000 MHz CF Step 2.985000 MHz Auto	
# # 2 - - - - - - - - - - - - -	HRes B Here S Joint G20 Internet of the second se	₩ 1.0 (C sc/out At Freq v Ref w Ref w W W W W W U W W U W W U V Ref v Ref v Ref v Ref v Ref v Ref v R	2000 79.500 79.500 7075et 8. 7075et 8. 7075et 8. 7075et 8. 7075et 8. 7075et 8. 7075et 8.	ept 5A ADOC FI SI dB ADOC FI SI dB ADOC ADOC FI SI dB ADOC SI	Andu Gointlow + Anguna Anguna #VBM	Trig: Fra #Atten: 1	: 1.4 (44.93 ms (1_QPS 102-11-22 H 102-11-22 H	1001 pts)	Frequency Auto Tune Center Freq 9.000 HHz Start Freq 9.000 HHz Stop Freq 150.000 HHz Auto Freq Offset 0 Hz FreqUency Auto Tune Center Freq 15.075000 MHz Start Freq 30.00000 MHz 2.985000 MHz 2.985000 MHz 2.985000 MHz 2.985000 MHz	

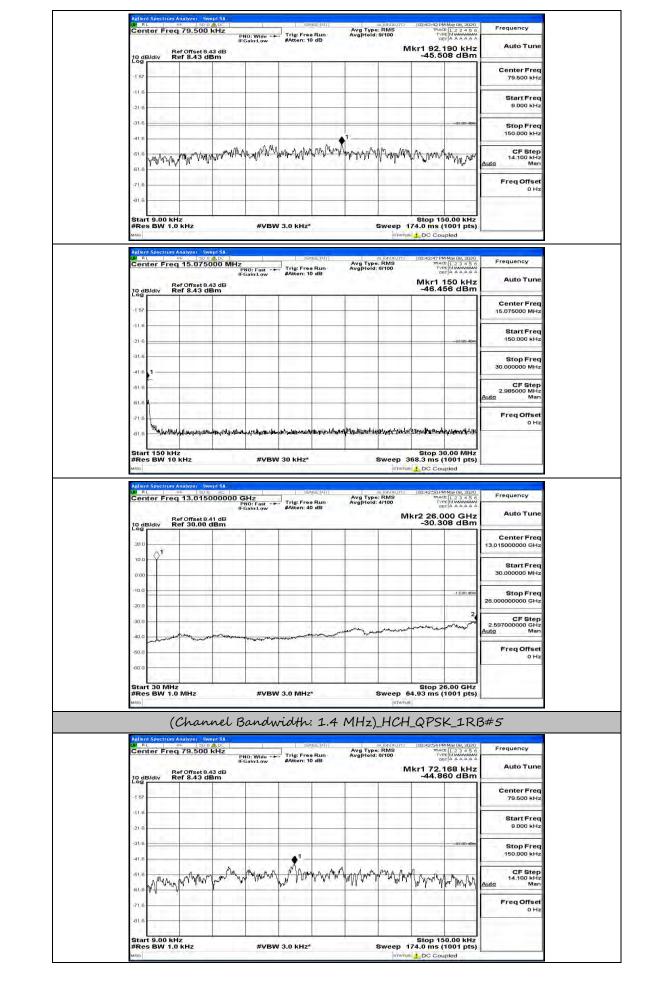
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Aglient Spectrum Analyzer Sw UM RL 9F 505 Center Freq 79.500	RADC SENSE IN	Aug Type: RMS TRACT Avg Type: RMS TRACT Avg Hold: 8/100 TVP	May 08, 2020 1 2 3 4 5 6 Frequency
Ref Offset 8	PNO: Wide Trig: Free Run IFGain:Low #Atten: 10 dB	Mkr1 86.1	27 kHz Auto Tune
10 dB/div Ref 8.43 d			Center Freq 79.500 kHz
41.6			Start Freq
-21.6			9.000 KHz
-416		2	150.000 kHz
- CI B + A TUMAN AUMANA	what have a second and a second as	when have been and the producers when	W Auto Man
-71.6			Freq Offset 0 Hz
-81.6		1	
Start 9.00 kHz #Res BW 1.0 kHz	#VBW 3.0 kHz*	Stop 15 Sweep 174.0 ms (1 status 1 DC Cou	
Aglient Spectrum Analyzer Sv 07 Rt 95 900 Center Freq 15.075	R ADC SENSE IN	ALIGNAUTO 02:42:35 PM	May 08, 2020 Frequency
Ref Offset 8	PNO: Fast Trig: Free Run IFGain:Low #Atten: 10 dB	Mkr1 1	50 kHz Auto Tune
10 dB/div Ref 8.43 d	JBm	-46.97	70 dBm Center Freq
-157			15.075000 MHz
-21.6			150.000 kHz
-31.6			Stop Freq 30.000000 MHz
-61.6			CF Step 2.985000 MHz Auto Man
-61.6			FreqOffset
-81.6 Marsunal mathematication	กลุ่มหันหาศัสสารสถางระบงคุณสกุลที่หนึ่งมาร่างระบ	here and the second	ารับการสำนั
Start 150 kHz #Res BW 10 kHz	#VBW 30 kHz*	Sweep 368.3 ms (1	
Ablient Spectrum Analyzet Sv	wept SA	STATUS 🔔 DC Cou	
Center Freq 13.015	C AC SENSE IN 0000000 GHz PN0: Fast IFGain:Low #Atten: 40 dB	Avg Type: RMS Avg Hold: 4/100 DE	AAAAAA
10 dB/div Ref 30.00	.41 dB dBm	Mkr2 25.6 -29.86	57 dBm
20.0			Center Freq 13.015000000 GHz
0.00			Start Freq 30.000000 MHz
-10.0			-13.00 dtm Stop Freq 26.000000000 GHz
-20.0			CF Step 2.597000000 GHz
40.0	-	or and the second s	Auto Man
and the second se			Freq Offset 0 Hz
-60.0			

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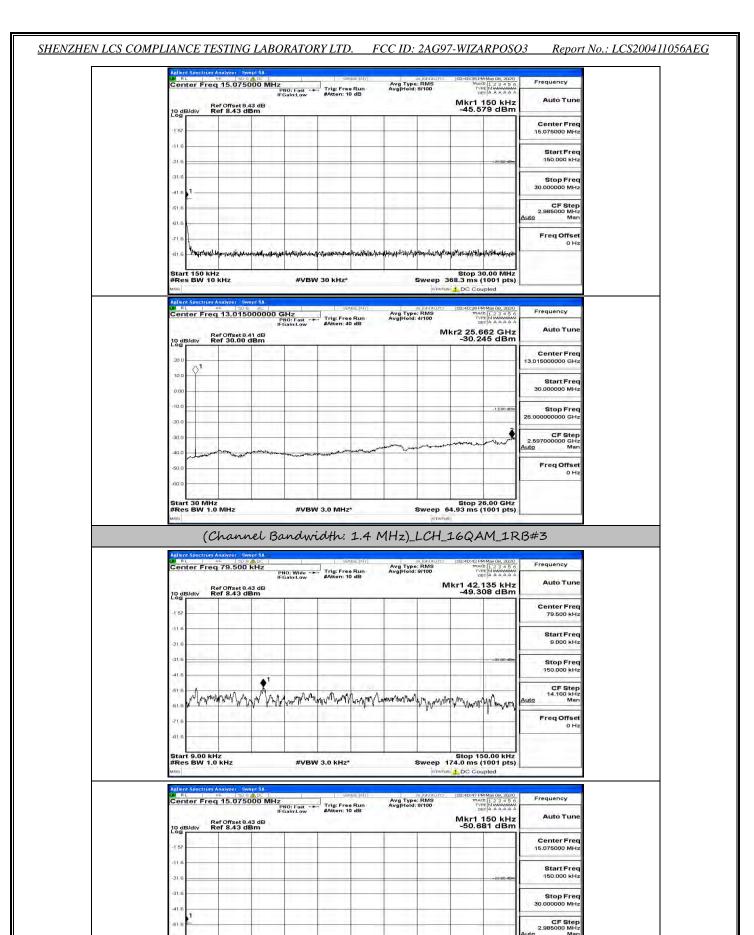
	SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.	FCC ID: 2AG97-WIZARPOSQ3
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Report No.: LCS200411056AEG

Auto Tune	150 kHz 491 dBm	Mkr1	: RMS 8/100	#Atten: 10 dB	iain:Low	3 dB	Ref Offset 8.4 Ref 8.43 di	Bidiv F	10 dB
Center Freq 15.075000 MHz							4 11 114	1.1.1	-1 57 -
Start Freq 150.000 kHz	-29 08 dBm							1, =	-116-
Stop Freq 30.000000 MHz								.1	-31.6
CF Step 2.985000 MHz Auto Man								-	-61.6
Freq Offset 0 Hz				 	1				-61.6 -71.6
Frequency	30.00 MHz (1001 pts) pupled	Stop 3 368.3 ms (DC Cou	Sweep 3	рилжиндин (1994) 80 кнг* 	#VBW	PPT SA	KHZ 10 KHZ	t 150 kH s BW 10	Aellent
Frequency Auto Tune	30.00 MHz (1001 pts) pupled	Stop 3 368.3 ms (DC Cou 102:43:02 M TRAC TRAC TRAC	Sweep 3 etane auchauno :: RMS 4/100	 80 kHz*	#VBW	рт SA ж. 000000 G Р Іго	kHz 10 kHz ^{WE Analyzer, Sw ^{WE SD 2} reg 13.0150 Ref Offset 8.4}	t 150 kH s BW 10 I Spectrum ter Free	Start #Res Mig Aglient
Frequency Auto Tune Center Freq 13.01500000 GHz	30.00 MHz (1001 pts) pupled	Stop 3 368.3 ms (DC Cou 102:43:02 M TRAC TRAC TRAC	Sweep 3 etane auchauno :: RMS 4/100	30 kHz* state:riy Trig:Free Run	#VBW	рт SA ж. 000000 G Р Іго	kHz 10 kHz um Analyzer Sw PF 120 9 req 13.0150	t 150 kH s BW 10 I Spectrum ter Free B/div F	Start #Res MRG
Auto Tune Center Freq	30.00 MHz (1001 pts) pupled	Stop 3 368.3 ms (DC Cou 102:43:02 M TRAC TRAC TRAC	Sweep 3 etane auchauno :: RMS 4/100	30 kHz* state:riy Trig:Free Run	#VBW	рт SA ж. 000000 G Р Іго	kHz 10 kHz ^{WE Analyzer, Sw ^{WE SD 2} reg 13.0150 Ref Offset 8.4}	t 150 kH s BW 10 I Spectrum ter Free	Start #Res MSG Aglient Cent
Auto Tune Center Freq 13.01500000 GHz Start Freq	30.00 MHz (1001 pts) pupled	Stop 3 368.3 ms (DC Cou 102:43:02 M TRAC TRAC TRAC	Sweep 3 etane auchauno :: RMS 4/100	30 kHz* state:riy Trig:Free Run	#VBW	рт SA ж. 000000 G Р Іго	kHz 10 kHz ^{WE Analyzer, Sw ^{WE SD 2} reg 13.0150 Ref Offset 8.4}	t 150 kH s BW 10 I Spectrum ter Free B/div F	Adlent #Res Adlent 20.0 dB 20.0 -
Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq	30.00 MHz (1001 pts) pupled 10140/02/2020 10140/02/200 10140/02/200 10140/02/200 10140/02/2	Stop 3 368.3 ms (DC Cou 102:43:02 M TRAC TRAC TRAC	Sweep 3 etane auchauno :: RMS 4/100	30 kHz* state:riy Trig:Free Run	#VBW	рт SA ж. 000000 G Р Іго	kHz 10 kHz ^{WE Analyzer, Sw ^{WE SD 2} reg 13.0150 Ref Offset 8.4}	t 150 kH s BW 10 I Spectrum ter Free B/div F	Start #Res Mino Action Cont 200- 10.0 - -10.0 -

Frequency	May 08, 2020	02:40:30,PM			Nee:INV	58		ADC	nalyzer Swe		RL RL
		TYPE	8/100	Avg Hold:		Trig: Fre #Atten: 1	NO: Wide -+ Gain:Low	Ph	79.500	er Freq	Cent
Auto Tune	19 kHz 60 dBm	lkr1 87.8 -49.06	N	<u> </u>				3 dB	f Offset 8.4 of 8.43 dB	Idiv R	10 dB
Center Freq 79.500 kHz						р		1	-	1.1	-1 57
Start Freq		· · · ·									116
9.000 kHz	_		-								-21-6
Stop Freq 150.000 kHz	-33:00 dBm									-	-31.6
CF Step			a. d.	40.000	0 1 1				A		61.6
14.100 kHz Auto Man	- WWWWWW	prophysically	m MANAR V	Machine	en Puh Adal	AAM, ALM	AMMANN	mannal	Mrs karry	AND	61.6
Freq Offset 0 Hz	Phone of a									-	-71.6 -
		-	-								61.6

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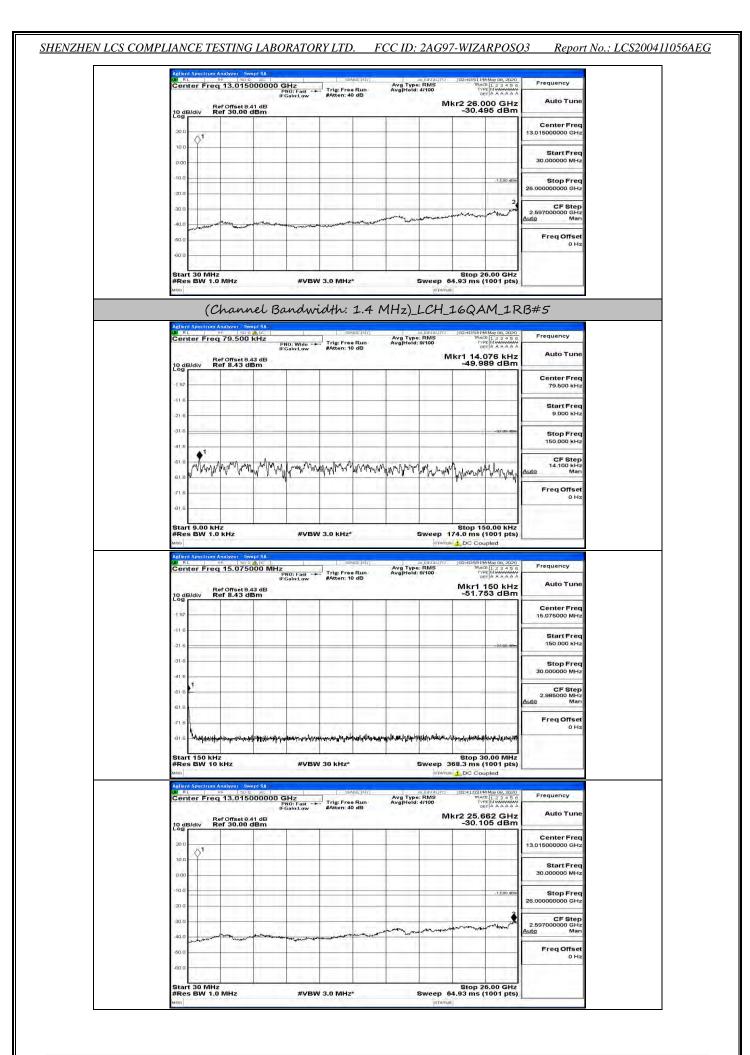
received by the selection of the second sector of the second sector and the

Stop 30.00 MHz Sweep 368.3 ms (1001 pts)

reshiption

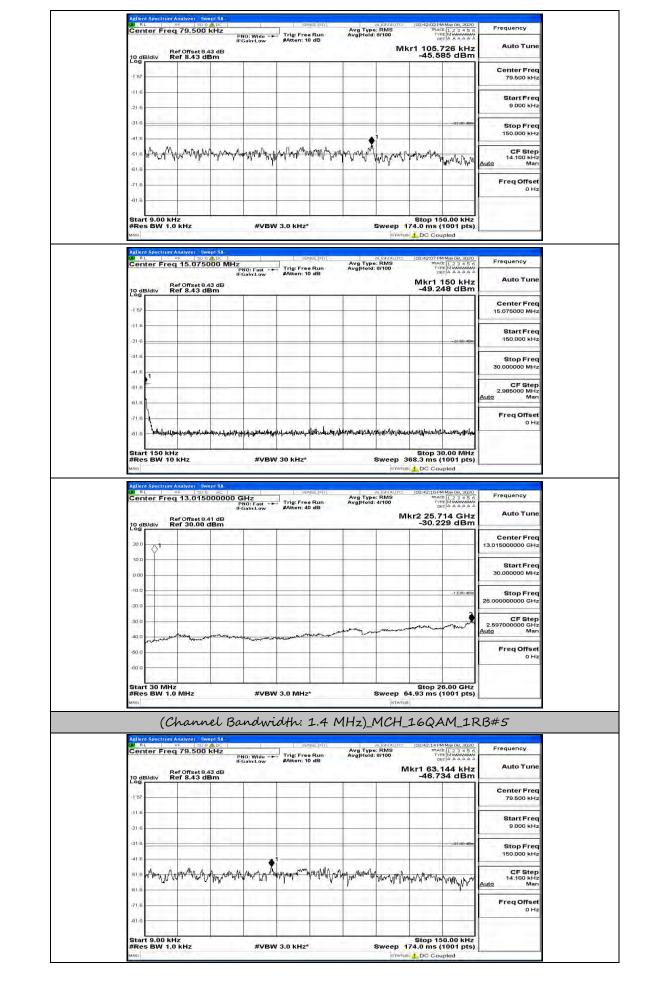
#VBW 30 kHz*

Start 150 kHz #Res BW 10 kHz Freq Offset



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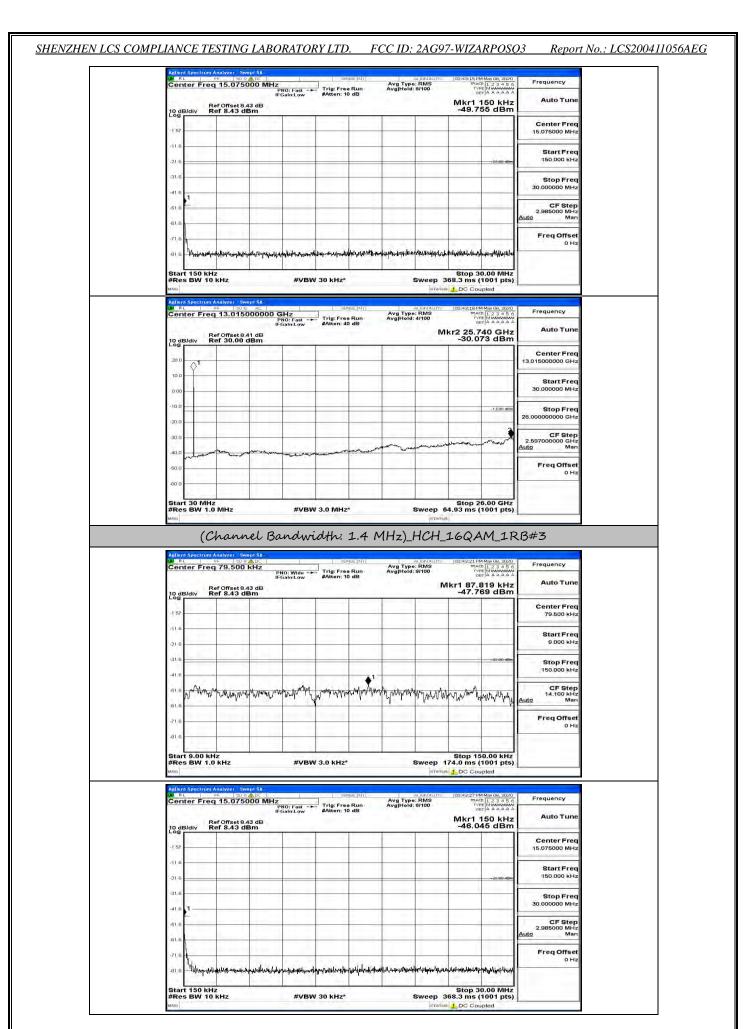
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<u>Report No.: LCS200411056AEG</u>

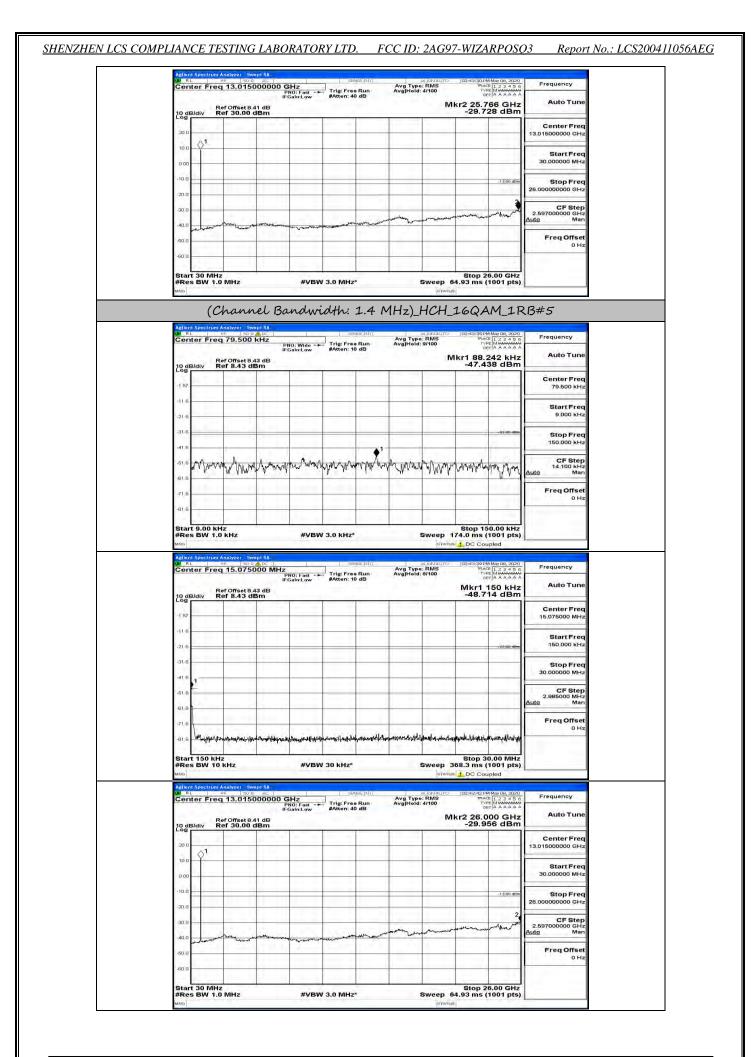
10.0	B/div	Ref Offset 8.4 Ref 8.43 di	13 dB Bm			-	 	Mkr1 -45.7	150 kHz 14 dBm	Auto Tune
-1.5	11.	4	-					_		Center Freq 15.075000 MHz
-11 - -21 -									+28-08 dBm	Start Freq 150.000 kHz
-31.4	1									Stop Freq 30.000000 MHz
-61.1	-									CF Step 2.985000 MHz Auto Man
-51.1										Freq Offset 0 Hz
-81.1 Sta	rt 150	kHz 10 KHz	kan nan di sadihanan		146644999445 30 kHz*	heralletypping	Sweep 3	Stop 3	0.00 MHz 1001 pts)	
-81 i Sta #Re Misc Activ Ce	nt 150 es BW	kHz 10 kHz w so so eq 13.0150 Bef Offset 8.4	ept SA ac.] 000000 G Pr IFC	#VBW	30 KH2*	(SE)(N)	Sweep 30 Status	Stop 3 68.3 ms (DC Cou 102:42:22 PK TRAC 002 102:42:22 PK TRAC	0.00 MHz 1001 pts) apled 4 May 08, 2020 # 1 2 3 4 5 6 # 1 2 3 6 6 # 1 3 6 6	Frequency
-81 i #Re MSG Agile	nt 150 es BW nt Spectr it it f nter Fi B/div	kHz 10 kHz 10 kHz m Analyzer Sw 92 20 0 reg 13.0150	ept SA ac.] 000000 G Pr IFC	#VBW	30 KH2*	(SE)(N)	Sweep 30 Status	Stop 3 68.3 ms (DC Cou 102:42:22 PK TRAC 002 102:42:22 PK TRAC	0.00 MHz 1001 pts) ipled 4May 08, 2020 * 123456 * May 08, 2020 * 123456	Frequency
-81.1 Sta #Re Miso Active Ce	nt 150 es BW nt Spectr nter Fi B/div	kHz 10 kHz w so so eq 13.0150 Bef Offset 8.4	ept SA ac.] 000000 G Pr IFC	#VBW	30 KH2*	(SE)(N)	Sweep 30 Status	Stop 3 68.3 ms (DC Cou 102:42:22 PK TRAC 002 102:42:22 PK TRAC	0.00 MHz 1001 pts) apled 4 May 08, 2020 # 1 2 3 4 5 6 # 1 2 3 6 6 # 1 3 6 6	Frequency Auto Tune Center Freq
-81,1 Sta #Re waa Ce 200 201 10,1	nt 150 es BW	kHz 10 kHz w so so eq 13.0150 Bef Offset 8.4	ept SA ac.] 000000 G Pr IFC	#VBW	30 KH2*	(SE)(N)	Sweep 30 Status	Stop 3 68.3 ms (DC Cou 102:42:22 PK TRAC 002 102:42:22 PK TRAC	0.00 MHz 1001 pts) apled 4 May 08, 2020 # 1 2 3 4 5 6 # 1 2 3 6 6 # 1 3 6 6	Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq
-81 / Sta #R was Active Ce 20 / 10/ 10/ 10/ 10/ 10/	nt 150 es BW	kHz 10 kHz w so so eq 13.0150 Bef Offset 8.4	ept SA ac.] 000000 G Pr IFC	#VBW	30 KH2*	(SE)(N)	Sweep 30 Status	Stop 3 68.3 ms (DC Cou 102:42:22 PK TRAC 002 102:42:22 PK TRAC	0.00 MHz 1001 pts) ipled Mereo 2020 1123456 112356 112556 112356 112556 112556 112556 112556 112556 112556 112556 112556 112556 11256	Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq

Frequency	122466	002:43:09 PM TRACE		Avg Type	ugeliniv)	Carl Street		KHZ	79.500 H		RL
Auto Tune	94 kHz 01 dBm	kr1 27.8		Avg Hold:		#Atten: 1	iO: Wide -+ Sain:Low	IFC 3 dB	f Offset 8.4: of 8.43 dB	Re Maiv Re	10 dB/
Center Freq 79.500 kHz										11 1 1	-1 57
Start Freq 9.000 kHz											-116-
Stop Freq 150.000 kHz	-33:00 dBm										-31.6
CF Step 14.100 kHz Auto Man	Mhalpan	transformer	when	an mana	month	or all a second	www.Wernera	n laway	When	Man	61.6
Freq Offset 0 Hz										10 Marco	-71.6 -
										1	-81.6

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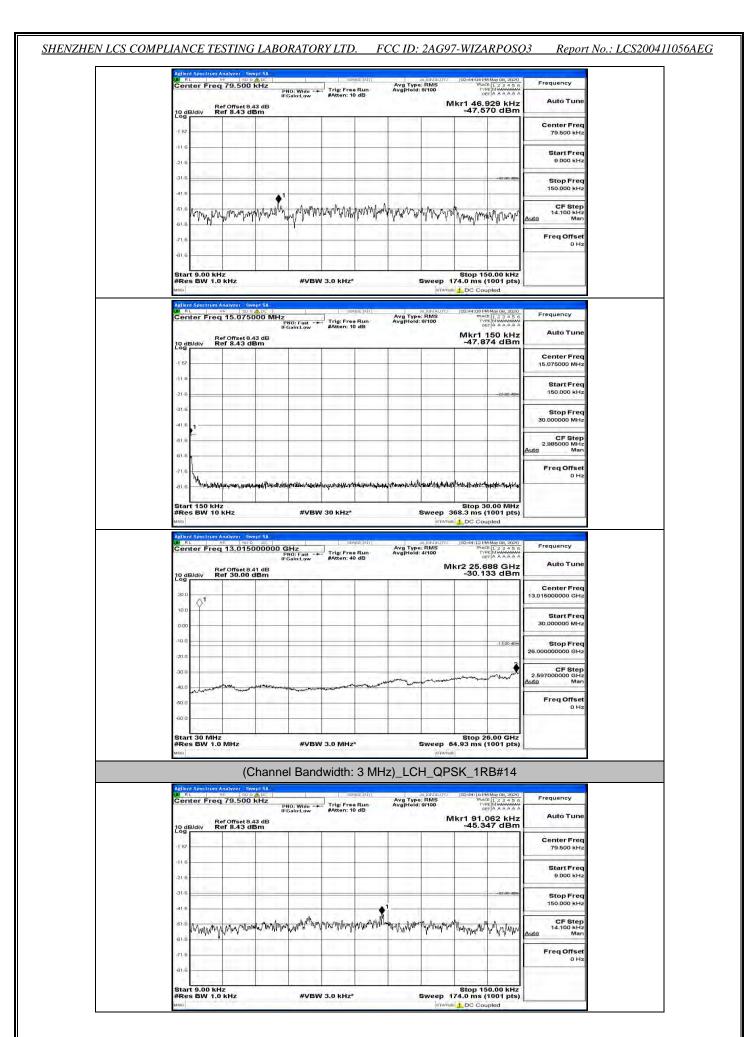


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Channel Bandwidth: 3 MHz

1.31/	RL		79.500	9 ALDC		56	MGE:INY	Avg Type Avg Hold:	LIGNAUTO	02:43:51 PM May 08, TRACE 1 2 3	2020 1 5 6	Frequency
					PNO: Wide IFGain:Low	#Atten: 1	e Run 0 dB	Avg Hold:		TYPE MWWW DET A A A		Auto Tune
10	dB/d	iv R	ef Offset 8 ef 8.43	dBm	-	-				-47.736 di	3m	Aust Aust encourt
-1 5	7	-							-			Center Freq 79.500 kHz
41	6	-									-	Start Freq
-21						-				T.C.	_	9.000 kHz
-31.0										-33-0	Helem	Stop Freq 150.000 kHz
-412		1.1	1	. m.A		An Mar	Main				-	CF Step 14.100 kHz
-61	M	h.Ann	mun	-angere myster	A Prute of	www.mar	Malos us	Ywww	Man Man Mary	APARTA MUP	Auto	14.100 kHz Man
-71)	6	10	1.000			1	1.4-11		-			Freq Offset 0 Hz
-81	6	_		-	_				-		_	
Sta	art 9	.00 kH	z	-						Stop 150.00 I		
#R	est	3W 1.0	KHZ		#VBV	V 3.0 KHZ				74.0 ms (1001		
1.364	RL		nalyzer - S RF 150	R ADL		SE	NGE IN Y	Avg Type	ALIGNAUTO	02:43:57 PM May 08,	2020	Frequency
Ce	nte	r Freq	15.07	5000 MH	Z PNO: Fast ↔ IFGain:Low	#Atten: 1	e Run I0 dB	Avg Hold:	8/100	TRACE 1 2 3 TYPE MWAAN DET A A A		Auto Tune
10 0	dB/d	iv R	ef Offset 6 ef 8.43	dBm					_	Mkr1 150 k -50.594 dl	Bm	
-15	.7		-	144					_			Center Freq 15.075000 MHz
ăi,	6	_			-	-			-		-	Start Freq
-21	6	_		_		-				-25.0	- dBm	150.000 kHz
-31.	6	-			-						-	Stop Freq
-41	6			-					-		-	30.000000 MHz
-61						-					Auto	CF Step 2.985000 MHz Man
-61	A											Freq Offset
-71		une and and the	about maneral	uddinashir	to an and the second second	Aluster Premitie	the contention	when the second	Windhames	addressed that has been made	estat	0 Hz
1.00				anny-ica	in providence			1				
Sta #R	es E	50 KH 3W 10	z KHz		#VBV	V 30 KHZ*				Stop 30.00 M 68.3 ms (1001	Hz ots)	
Agile	ent Sp	pectrum /	nalyzer - S	wept SA						02:44:01 PM May 08,		
Ce	nte	r Freq	13.015	5000000	GHz PNO: Fast	a Concernant	e Run	Avg Type Avg Hold:	: RMS 4/100	TRACE 1 2 3 TYPE MWAN DET A A A	156 F	Frequency
10	dB/d	iv R	ef Offset 6 ef 30.00		n ogimizga				м	kr2 25.740 G -30.278 dl	Hz	Auto Tune
20			-	1.	-	-					11	Center Freq
10	1	ρ^1									13,0	15000000 GHz
0.0						-					3	Start Freq 30.000000 MHz
-10	ά									-13,0	o ettern	Stop Freq
(20.)	a								_			00000000 GHz
-30	a —							-	and the second	monoment	2.5	CF Step
-40.	0	have	-	man		a and the for	and a support	and the second	and a second		Auto	
-50.	0 —										-	Freq Offset 0 Hz
-60	a —											
Sta #R	art 3 es E	0 MHz 3W 1.0	MHz		#VBV	V 3.0 MHz	*	,	Sweep 6	Stop 26.00 C 4.93 ms (1001	Hz ots)	
										and the second s		

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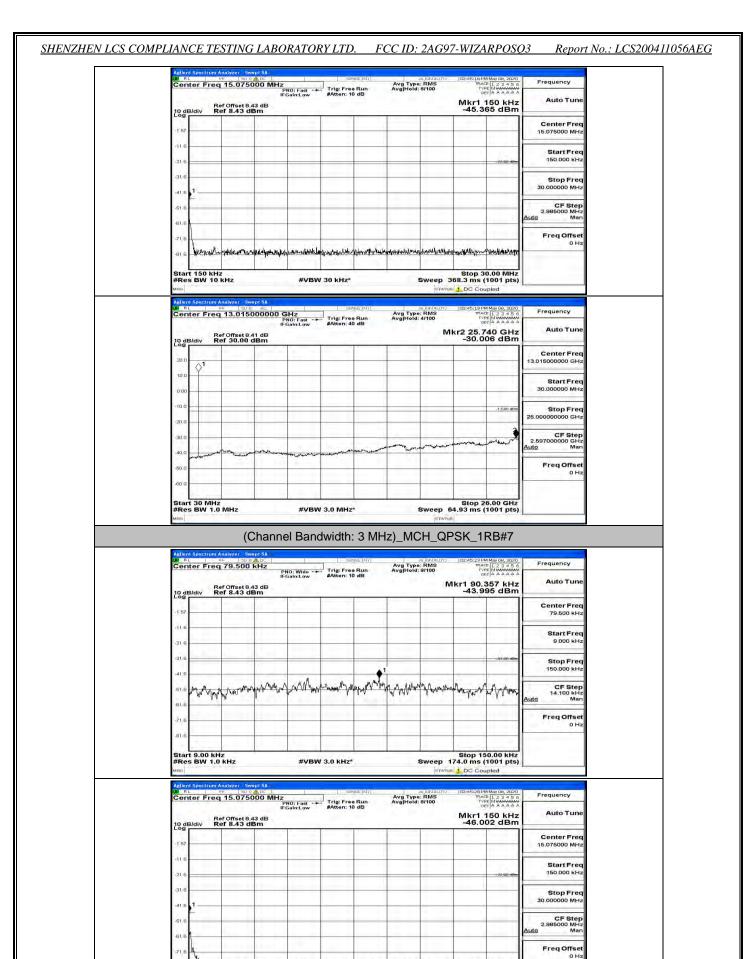
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Report No.: LCS200411056AEG

Auto Tune	150 kHz 116 dBm	Mkr1		#Atten: 10 dB	iain:Low	3 dB	f Offset 8.4 of 8.43 de	Re Idiv Re	10 dB.
Center Freq 15.075000 MHz							-		-1 57 -
Start Freq 150,000 kHz	-25 08 dBm								-116
Stop Freq 30.000000 MHz								1	-31.6
CF Step 2.985000 MHz Auto Man				 			-	-	-61.6
Freq Offset 0 Hz									-61.6
0 12	30.00 MHz (1001 pts)	Stop 3	Sweep 3	ahahanganjikada 30 kHz*			кНz	150 kHz BW 10	Start #Res
Frequency	30.00 MHz (1001 pts) oupled	Stop 3 68.3 ms (DC Cou 102:44:24 Pf TRAC TY 102:44:24 Pf TRAC TY 102:44:24 Pf TRAC	Sweep 3 status augnauro :: RMS 4/100		#VBW	рт SA РС 00000 G РГ IFC	KHZ ► 90 9 ► 90 9 13.0150	Spectrum A Ser Freq Re	Start #Res MBO Agiliant W RL Cent
Frequency	30.00 MHz (1001 pts) oupled	Stop 3 68.3 ms (DC Cou 102:44:24 Pf TRAC TY 102:44:24 Pf TRAC TY 102:44:24 Pf TRAC	Sweep 3 status augnauro :: RMS 4/100	30 kHz*	#VBW	рт SA РС 00000 G РГ IFC	KHZ F 50 Q 13.0150	Spectrum A Spectrum A er Freq Idiv Re	Start #Res Milent
Frequency Auto Tune Center Freq	30.00 MHz (1001 pts) oupled	Stop 3 68.3 ms (DC Cou 102:44:24 Pf TRAC TY 102:44:24 Pf TRAC TY 102:44:24 Pf TRAC	Sweep 3 status augnauro :: RMS 4/100	30 kHz*	#VBW	рт SA РС 00000 G РГ IFC	KHZ ► 90 9 ► 90 9 13.0150	Spectrum A Ser Freq Re	Start #Res Miso 20 dB, Log
Frequency Autó Tune Center Freq 13.015000000 GHz Start Freq	30.00 MHz (1001 pts) oupled	Stop 3 68.3 ms (DC Cou 102:44:24 Pf TRAC TY 102:44:24 Pf TRAC TY 102:44:24 Pf TRAC	Sweep 3 status augnauro :: RMS 4/100	30 kHz*	#VBW	рт SA РС 00000 G РГ IFC	KHZ ► 90 9 ► 90 9 13.0150	Spectrum A BW 10 I Spectrum A er Freq Re Jdiv Re	Start #Res Adlent 20.0 20.0 10.0
Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq	30.00 MHz (1001 pts) oupled MMy08, 2000 CertA AAAA 714 GHz 140 dBm	Stop 3 68.3 ms (DC Cou 102:44:24 Pf TRAC TY 102:44:24 Pf TRAC TY 102:44:24 Pf TRAC	Sweep 3 status augnauro :: RMS 4/100	30 kHz*	#VBW	рт SA РС 00000 G РГ IFC	KHZ ► 90 9 ► 90 9 13.0150	Spectrum A BW 10 I Spectrum A er Freq Re Jdiv Re	Start #Res Aglient 20.0 - 10.0 - -10.0 -

Frequency	4ay 08, 2020 1,2,3,4,5,6 MMAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	02:45:11PMI TRACE	RMS	Avg Type Avg Hold:	ISE MY	Carolina III		KHZ	79.500 k		RL
Auto Tune		kr1 91.3		weginola.	dB	#Atten: 10	NO: Wide -+ Gain:Low	3 dB	f Offset 8.43	Re Ndiv Re	10 dB.
Center Freq 79.500 kHz								1		4.7.4	-1 57
Start Freq 9.000 kHz											-116-
Stop Freq 150.000 kHz				1							-31.6
CF Step 14.100 kHz Auto Man	Museum	White and Marking M	man	anytunger.	man	man	www.hm	and a hard allow	manup	Mount	-61.6 A
Freq Offset 0 Hz	-					<u></u>					-61.6 -
1			-							1	-81.6 -

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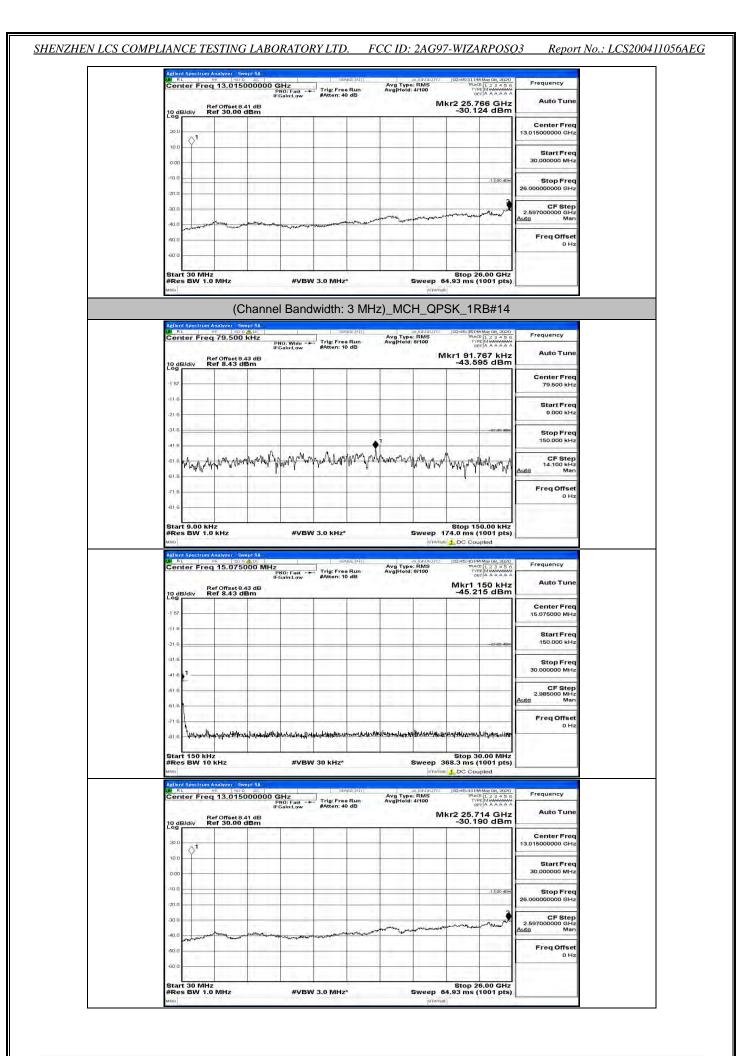
81

Start 150 kHz #Res BW 10 kHz Hithe Wine

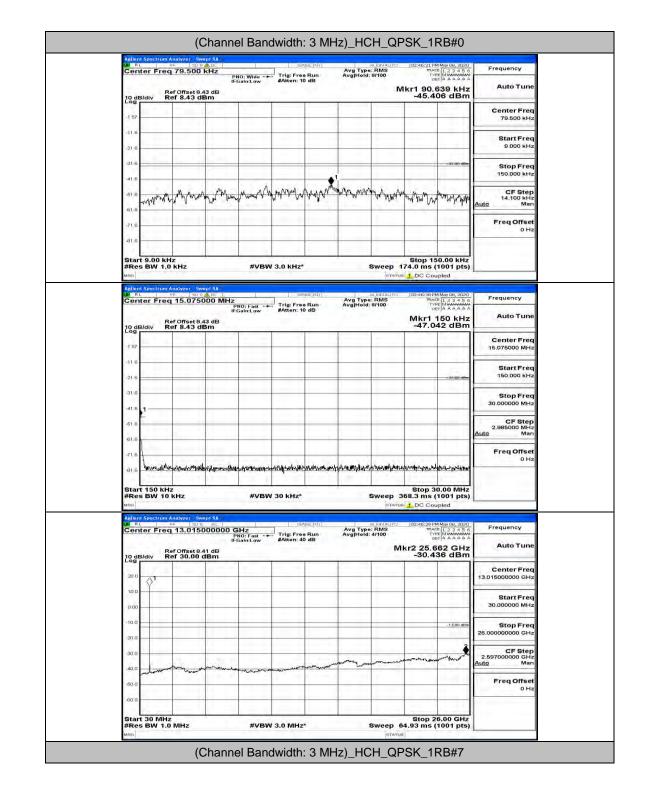
#VBW 30 kHz*

were a function of the second and a start a complete second and a start of the second second second second second

Stop 30.00 MHz Sweep 368.3 ms (1001 pts)



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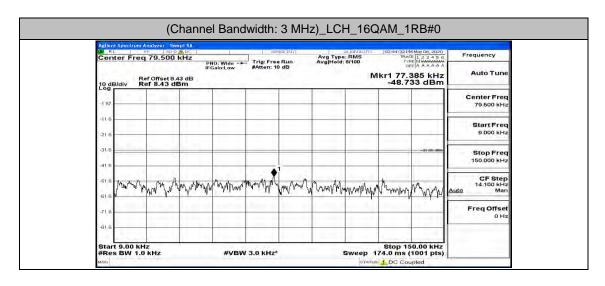
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5	R	ef Offset 8.4 ef 8.43 di	IFC	iO: Wide -+ Sain:Low	#Atten: 10	dB	Avg Type Avg Hold:		kr1 91.3	344 kHz 97 dBm	Auto Tune
	B/div R	ef 8.43 di	3m	-	-				-45.6		Center Freq
-1 57									-		79.500 kHz
-21.6											Start Freq 9.000 kHz
-31.6										-33:00 dBm	Stop Freq 150.000 kHz
-416		à	. Area	I IN MOUL	4 - 40t Dec	MAMMA	Mr. Rutter	An m	10.0		
-61.6	manuly	Withour	MWY V NAME	MA. A. MAR	Annaud Annaud	vy i	1 10 64 9 4 9 1	. WAW	Allin Maria	h www.	CF Step 14.100 kHz Auto Man
-71 6			1								Freq Offset 0 Hz
-61.6									-		
Star #Re	rt 9.00 kH s BW 1.0	iz i kHz		#VBW	/ 3.0 kHz*				74.0 ms (0.00 kHz 1001 pts)	
Agile	nt Spectrum /	Analyzer - Swi	ept SA						DC Cou		
Cer		15.0750	PI	NO: Fast	Trig: Free #Atten: 10		Avg Type Avg Hold:	RMS 8/100	02:46:48.04 TRAC TVI	May 06, 2020 E 1 2 3 4 5 6 PE MUMANANA ET A A A A A A	Frequency
10 d	B/div R	ef Offset 8.4 ef 8.43 di	13 dB Bm		142101210		<u>~</u>		Mkr1 -47.5	150 kHz 76 dBm	Auto Tune
-1 57	H. T. A	-	1	-				-			Center Freq 15.075000 MHz
-116											Start Freq
-21.6										+28-88 dBm	150.000 kHz
-31.6	1										Stop Freq 30.000000 MHz
-61.6	-										CF Step 2.985000 MHz
61.6	1										Auto Man Freq Offset
-71.6	harman	-	hurp, Howway	- Constanting	and approximate	pselle-lessen-tee	-	nalamillariana	net-philumenta	endationality	0 Hz
Sta	rt 150 kH	z	120.0				50		Stop 3	0.00 MHz	
#Re	s BW 10	KHZ		#VBW	/ 30 kHz*		5		68.3 ms (1001 pts)	
territor					_			STATUS	DC Col	pled	
Agilo Iar B	L	Analyzer Swi RF 150 S	AL		SEP	ISE;INY	ه روا ان		102:46:51 Pf	May 08, 2020	Etequation
Agilo Iar B	nter Frec	13.0150	000000 G PI IFC	iHz NO: Fast ↔ Saln:Low	Trig: Free #Atten: 40	Bun dB	Avg Type Avg Hold:	RMS 4/100	02:46:51 M TRAC TVI DI	M May 08, 2020 TE 1 2 3 4 5 6 M MANANANANA ST A A A A A A	Frequency Auto Tune
Aetie M R Cer	nter Frec	RF 50 Ω	000000 G PI IFC	iHz NO: Fast →► Saln:Low	Trig:Free #Atten:40	Ren Run dB	Avg Type Avg Hold:	RMS 4/100	102:46:51 M TRAC TY DI kr2 25.7	May 08, 2020	Auto Tune
Actin Maria Cer 20 d	B/div R	13.0150	000000 G PI IFC	iHz NG: Fast ↔ Sain:Low	Trig: Free #Atten: 44	RE:INT	Avg Type Avg Hold:	RMS 4/100	102:46:51 M TRAC TY DI kr2 25.7	⁴ May 08, 2020 ¹ 1 2 3 4 5 6 ² M M M M M M ² M A A A A A ² 92 GHz	10000
Activ Mil R Cer 10 d	B/div R	13.0150	000000 G PI IFC	iHz NO:Fast → Sain:Low	Trig:Free #Atten: 40	REF.[AT]	Avg Type Avg Hold:	RMS 4/100	102:46:51 M TRAC TY DI kr2 25.7	⁴ May 08, 2020 ¹ 1 2 3 4 5 6 ² M M M M M M ² M A A A A A ² 92 GHz	Auto Tune Center Freq
Actie M x Cer 20 0 20 0	B/div R	13.0150	000000 G PI IFC	Hz NO:Fast → Sain:Low	Trig: Fra #Atten: 40	Run dB	Avg Type Avg Hold:	RMS 4/100	102:46:51 M TRAC TY DI kr2 25.7	⁴ May 08, 2020 ¹ 1 2 3 4 5 6 ² M M M M M M ² M A A A A A ² 92 GHz	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq
2000 2000 1000 -1000 -2000	B/div R	13.0150	000000 G PI IFC	HHZ NO(Fast → Saintlow	Trig:Fra #Atten: 46	Rec[piy]	Avg Type Avg Hold:	RMS 4/100	102:46:51 M TRAC TY DI kr2 25.7	192 GHz 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 26.00000000 GHz
20 0 10 0 10 0 10 0 10 0	B/div R	13.0150	000000 G PI IFC	NO: Fast	Atten: 4	REAL	Avg Type Avg Hold:	RMS 4/100	102:46:51 M TRAC TY DI kr2 25.7	192 GHz 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq
200 100 100 100 -200 -200 -200	B/div R	13.0150	000000 G PI IFC	Hz No:Fast Samlow	Trig: Frace	Richty Run oB	Avg Type Avg Hold:	RMS 4/100	102:46:51 M TRAC TY DI kr2 25.7	192 GHz 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 25.00000000 GHz 2.597000000 GHz 2.597000000 GHz Man Freq Offset
200 200 10.0 10.0 -10.0 -20.0 -20.0 -40.0		13.0150	000000 G PI IFC	NO: Fast	Trig:Free #Atten: 40	Respire	Avg Type AvgHold:	RMS 4/100	102:46:51 M TRAC TY DI kr2 25.7	192 GHz 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 25.0000000 GHz 25.000000 GHz 2.59700000 GHz Auto Man
200 200 10.0 10.0 -20.0 -20.0 -40.0 -20.0		** 13.0150 ef off 30.00 c	000000 G PI IFC	NO: Fast	J Trig:Free #Atten: 40	• • • • • • • • • • • • • • • • • • •	Avg Type Avg Hold:	н. (ай ауута) (ай ауута) МІ	02:46:51 FF Transformer -30.3	192 GHz 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB 19 dB	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 25.00000000 GHz 2.597000000 GHz 2.597000000 GHz Man Freq Offset
200 200 10.0 10.0 -20.0 -20.0 -40.0 -20.0		** 3000 13.0150 ef 0ff3et8.4 ef 30.000 ef 30.0000 ef 30.00000 ef 30.0000 ef 30.00000 ef 30.00000 ef 30.0000 ef 30.0000 ef 30.0000 ef 30.00000 ef 30.000000 ef 30.000000 ef 30.00000 ef 30.00000000000 ef 30.00000000000000000000000000000000000		NO: Fast	/ 3.0 MHz	• dB	Avg Type Avg Hold:	Sweep 6.	102:46:51 FF Trans Kr2 25.7 -30.3	1300 dtm 1300 dtm 1300 dtm 1300 dtm 1300 dtm 1000 dtm 1000 dtm	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 25.00000000 GHz 2.597000000 GHz 2.597000000 GHz Man Freq Offset
20 0 20 0 10 0 -10 0 -20 0 -10 0 -20	Bidiv R Dier Frec 1 1 1 1 1 1 1 1 1 1 1 1 1	** 13.0150 ef of 30.00 c ef of 30.00 c f MHz (C	hanne	NO: Fast		• dB	Avg Type Avg Hold:	Sweep 6.	102:46:51 FF Trans Kr2 25.7 -30.3	1300 dtm 1300 dtm 1300 dtm 1300 dtm 1300 dtm 1000 dtm 1000 dtm	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 25.00000000 GHz 2.597000000 GHz 2.597000000 GHz Man Freq Offset
Алиа С С	Bidiv R Bidiv R 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	** 3000 13.0150 ef 0ff3et8.4 ef 30.000 ef 30.0000 ef 30.00000 ef 30.0000 ef 30.0000 ef 30.0000 ef 30.0000 ef 30.0000 ef 30.0000 ef 30.0000 ef 30.00000 ef 30.000000 ef 30.000000 ef 30.00000 ef 30.00000000000000000000000000000000000	hanne	NOCESSE SainLow #VBW	/ 3.0 MHz	3 MHz	Avg Type Avg Hold:	к. (84) 4/70 КМЗ 4/100 МI 	Stop 2 4.93 ms (1300 dtm 130 dtm 19 dBm 130 dtm 1300 dtm 1300 dtm 6.000 GHz 1001 pts) 8B#14	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 25.00000000 GHz 2.597000000 GHz 2.597000000 GHz Man Freq Offset
200 200 200 100 -000 -40.0 -000 -40.0 -000 -50.0	Bidu R Bidu R 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(C Analyzer Swa (200)	hanne	NO: Fast	/ 3.0 MHz	3 MHz	Avg Type Avg Hold:	Sweep 6. (stratus) (stratu	Stop 2 Stop 2 Stop 2 Stop 2 (02:4635 ff SK_1F	6.00 GHz 88#14	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 GHz Stop Freq 2.597000000 GHz CF Step 2.597000000 GHz Freq Offset 0 Hz
Antin Cor 20 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0	Bidiv R Bidiv R 1 1 1 1 1 1 1 1 1 1 1 1 1	(C	hanne	NOCESSE SainLow #VBW	/ 3.0 MHz	3 MHz	Avg Type Avg Hold:	Sweep 6. (stratus) (stratu	Stop 2 Stop 2 Stop 2 Stop 2 (02:4635 ff SK_1F	May 00, 2000 1 3 3 4 5 6 1 3 4 3 5 6 1 3 4 3 5 6 1 3 4 3 5 6 1 3 0 dBm 1 3 0 dBm 1 3 0 0 dBm 3 3 0 dBm	Auto Tune Center Freq 13.015000000 GHz Start Freq 25.00000000 GHz 255.00000000 GHz 255.0000000 GHz Auto Man Freq Offset 0 Hz Frequency Auto Tune Center Freq
20.0 20.0 20.0 10.0 -000 -40.0 -00.0	Al Spectrum	(C Analyzer Swa (200)	hanne	NOCESSE SainLow #VBW	/ 3.0 MHz	3 MHz	Avg Type Avg Hold:	Sweep 6. (stratus) (stratu	Stop 2 Stop 2 Stop 2 Stop 2 (02:4635 ff SK_1F	May 00, 2000 1 3 3 4 5 6 1 3 4 3 5 6 1 3 4 3 5 6 1 3 4 3 5 6 1 3 0 dBm 1 3 0 dBm 1 3 0 0 dBm 3 3 0 dBm	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 GHz CF Step 2.597000000 GHz CF Step 2.597000000 GHz Freq Offset 0 Hz Freq Offset 0 Hz Center Freq Center Freq 75.500 KHz
2000 2000 1000 -1000 -200 -20	Al Spectrum	(C Analyzer, Swa (200)	hanne	NOCESSE SainLow #VBW	/ 3.0 MHz	3 MHz	Avg Type Avg Hold:	Sweep 6. (stratus) (stratu	Stop 2 Stop 2 Stop 2 Stop 2 (02:4635 ff SK_1F	May 00, 2000 1 3 3 4 5 6 1 3 4 3 5 6 1 3 4 3 5 6 1 3 4 3 5 6 1 3 0 dBm 1 3 0 dBm 1 3 0 0 dBm 3 3 0 dBm	Auto Tune Center Freq 13.015000000 GHz Start Freq 25.00000000 GHz 255.00000000 GHz 255.0000000 GHz Auto Man Freq Offset 0 Hz Frequency Auto Tune Center Freq
200 200 100 100 100 100 100 100 100 100	Bidiv R Bidiv R T T S Bidiv R T S S Bidiv R Bidiv R R Bidiv R R R R R R R R R R R R R R	(C Analyzer, Swa (200)	hanne	NOCESSE SainLow #VBW	/ 3.0 MHz	3 MHz	Avg Type Avg Hold:	Sweep 6. (stratus) (stratu	Stop 2 Stop 2 Stop 2 Stop 2 (02:4635 ff SK_1F	May 00, 2000 1 3 3 4 5 6 1 3 4 3 5 6 1 3 4 3 5 6 1 3 4 3 5 6 1 3 0 dBm 1 3 0 dBm 1 3 0 0 dBm 3 3 0 dBm	Auto Tune Center Freq 13.015000000 GHz Start Freq 25.00000000 GHz 2557000000 GHz 2557000000 GHz 2557000000 GHz CF Step 2.557000000 GHz 0 Hz 0 Hz Center Freq 79.500 KHz Start Freq Start Freq
20.0 20.0 20.0 10.0	Bidiv R Bidiv R T T S Bidiv R Bidiv R Bidiv R Bidiv R Bidiv R	ef Offset 8.4 ef 30.00 c ef 30.00 c ef 30.00 c f 3.43 d f	hanne	#VBM	/ 3.0 MHz	3 MHz	Avg Type Avg Hold: z)_HCk	Sweep 6. (Provide the second	Stop 2 4.93 ms (SK_174.15 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	May 00, 2000 May 00, 2000 The Association 13 of Bm 13 of Bm 1	Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 GHz 2.597000000 GHz 2.597000000 GHz 2.597000000 GHz 2.597000000 GHz CF Step Auto Tune Center Freq 79.500 kHz Start Freq 9.000 kHz Stop Freq 150.000 kHz CF Step
Алиа Сог 20 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0	Bidiv R Bidiv R Sectors in the sector of the	ef Offset 8.4 ef 30.00 c ef 30.00 c ef 30.00 c f 3.43 d f	hanne	#VBM	/ 3.0 MHz	3 MHz	Avg Type Avg Hold: z)_HCk	Sweep 6. (Provide the second	Stop 2 4.93 ms (SK_174.15 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	May 00, 2000 1 3 3 4 5 6 1 3 4 3 5 6 1 3 4 3 5 6 1 3 4 3 5 6 1 3 0 dBm 1 3 0 dBm 1 3 0 0 dBm 3 3 0 dBm	Auto Tune Center Freq 13.015000000 GHz Start Freq 2.537000000 GHz 2.537000000 GHz 2.537000000 GHz 2.537000000 GHz CF Step 2.537000000 GHz 0 Hz CF Step 4.uto Tune Center Freq 79.500 KHz Start Freq 9.000 KHz CF Step 4.10 O KHz CF Step 15.000 KHz CF Step 13.100 kHz Man
Алис Сог 100 200 100 -100 -100 -000 -000 -000 -0	Bidiv R Bidiv R Sectors in the sector of the	ef Offset 8.4 ef 30.00 c ef 30.00 c ef 30.00 c f 3.43 d f	hanne	#VBM	/ 3.0 MHz	3 MHz	Avg Type Avg Hold: z)_HCk	Sweep 6. (Provide the second	Stop 2 4.93 ms (SK_174.15 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	May 00, 2000 May 00, 2000 The Association 13 of Bm 13 of Bm 1	Auto Tune Center Freq 13.015000000 GHz Start Freq 25.0000000 GHz CF Step 2.597000000 GHz CF Step 2.597000000 GHz CF Step Auto Tune Center Freq 79.500 kHz Start Freq 9.000 kHz Stop Freq 150.000 kHz CF Step 14.100 kHz CF Ste
200 200 100 100 100 100 100 100 100 100	Bidiv R Bidiv R Sectors in the sector of the	er 030.00 c	hanne	#VBM	/ 3.0 MHz	3 MHz	Avg Type Avg Hold: z)_HCk	Sweep 6. (Provide the second	Stop 2 4.93 ms (SK_174.15 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	May 00, 2000 May 00, 2000 The Association 13 of Bm 13 of Bm 1	Auto Tune Center Freq 13.01500000 GHz Start Freq 2.597000000 GHz 2.597000000 GHz CF Step 2.597000000 GHz CF Step CF Step CF Step 150.000 KHz Start Freq 5.000 KHz Start Freq 150.000 KHz CF Step 14.100 KHz Man Freq Offset

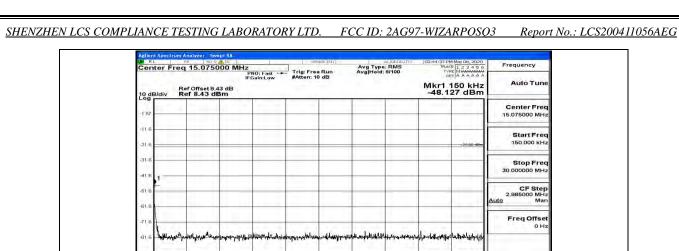
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<u>Report No.: LCS200411056AEG</u>

Auto Tune	150 kHz 161 dBm	Mkr1 1	8/100	Avg Type Avg Hold:	ree Run 10 dB	#Atte	NO: Fast 🔸	P	er Freq 15 Ref 0 Idiv Ref 8	10 dB
Center Freq 15.075000 MHz							1			-1 57 -
Start Freq 150.000 kHz	+25:08 dBm			-						-116
Stop Freq 30.000000 MHz										-31.6
CF Step 2.985000 MHz <u>Auto</u> Man									1	-61.6
Freq Offset 0 Hz										-51.6
	30.00 MHz (1001 pts)	Stop 3				N 30 KI	#VBW		150 kHz BW 10 kH:	#Res
Frequency Auto Tune	30.00 MHz (1001 pts) pupled MM3y08, 2020 ME 1 2 3 4 5 6 ME MM3W08, 2020 ME 1 2 3 4 5 6 ME MM3W08, 2020	Stop 3 68.3 ms (DC Cou 102:47:03 M TRAC TRAC TRAC COU TRAC	Sweep 30 eration automaturo :: RMS 4/100			Tria:		15000000 G P IF 15000000 G	BW 10 kH: Spectrum Analy PF er Freq 13 Ref 0	Start #Res Mig Aglient
100.00	MMay08, 2020 MMay08, 2020 ME 1 2 3 4 5 6 ME 1 2 3 4 5 6 ME MAAAAAA	Stop 3 68.3 ms (DC Cou 102:47:03 M TRAC TRAC TRAC COU TRAC	Sweep 30 eration automaturo :: RMS 4/100	Avg Type	sense (n) (Tria:	iHz NO:Fast →►	50 0 AC 15000000 C P IF	BW 10 kH: Spectrum Analy PF er Freq 13 Ref 0	Start #Res MSG
Auto Tune Center Freq	30.00 MHz (1001 pts) pupled MM3y08, 2020 ME 1 2 3 4 5 6 ME MM3W08, 2020 ME 1 2 3 4 5 6 ME MM3W08, 2020	Stop 3 68.3 ms (DC Cou 102:47:03 M TRAC TRAC TRAC COU TRAC	Sweep 30 eration automaturo :: RMS 4/100	Avg Type	sense (n) (Tria:	iHz NO:Fast →►	15000000 G P IF 15000000 G	BW 10 kH:	Start #Res Miss Aglient Cent
Auto Tune Center Freq 13.01500000 GHz Start Freq	30.00 MHz (1001 pts) pupled MM3y08, 2020 ME 1 2 3 4 5 6 ME MM3W08, 2020 ME 1 2 3 4 5 6 ME MM3W08, 2020	Stop 3 68.3 ms (DC Cou 102:47:03 M TRAC TRAC TRAC COU TRAC	Sweep 30 eration automaturo :: RMS 4/100	Avg Type	sense (n) (Tria:	iHz NO:Fast →►	15000000 G P IF 15000000 G	BW 10 kH:	Atlent #Res Atlent 200 - 10 dB
Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq	30.00 MHz (1001 pts) hupted Mayos, 2000 Colorado 4 5 6 Colorado 4 5 0 Colorado 4 5 6 Colorado 4 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Stop 3 68.3 ms (DC Cou 102:47:03 M TRAC TRAC TRAC COU TRAC	Sweep 30 eration automaturo :: RMS 4/100	Avg Type	sense (n) (Tria:	iHz NO:Fast →►	15000000 G P IF 15000000 G	BW 10 kH: Spectrum Analy er Freq 13 rdiv Ref 3	Start #Res Mino Ablient Cent 200 - 10.0 - -10.0 -



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#VBW 30 kHz*

PNO: Wide ---- Trig: Free Run IFGain:Low #Atten: 10 dB

many month marked and a second and the second and t

Start 150 kHz #Res BW 10 kHz

Center Freq 79.500 kHz

10 dB/div

61

61

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St

Ref Offset 8.43 dB Ref 8.43 dBm

Auto Tun	714 GHz 274 dBm	kr2 25.	м		10 ab	#Atten:	FGain:Low	0.41 dB	Ref Offset 8 Ref 30.00	3/div	10 dE
Center Free 13.015000000 GH		-						1	-	∆1	20.0
Start Free 30.000000 MH										Ť	10.0
Stop Free 26.000000000 GH	-13,00 dbm										-10.0
CF Ste 2.597000000 GH Auto Ma	www.we	a the product of the second second		سمرياستغمعه			1	- delandaria			-30.0
Freq Offse 0 H			_							when	-50.0
			1		1		· · · · · · · · · · · · · · · · · · ·			25	-60.0

(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

Avg Type: RMS Avg|Hold: 8/100

H3 PM May 08, 202 TRACE 1 2 3 4 5 TVPE MWAWAAA DET A A A A A

Mount

Mkr1 65.118 kHz -48.532 dBm

a Write Man War

Frequency

Auto Tune

Center Freq 79.500 kHz

Start Fred

Stop Freq

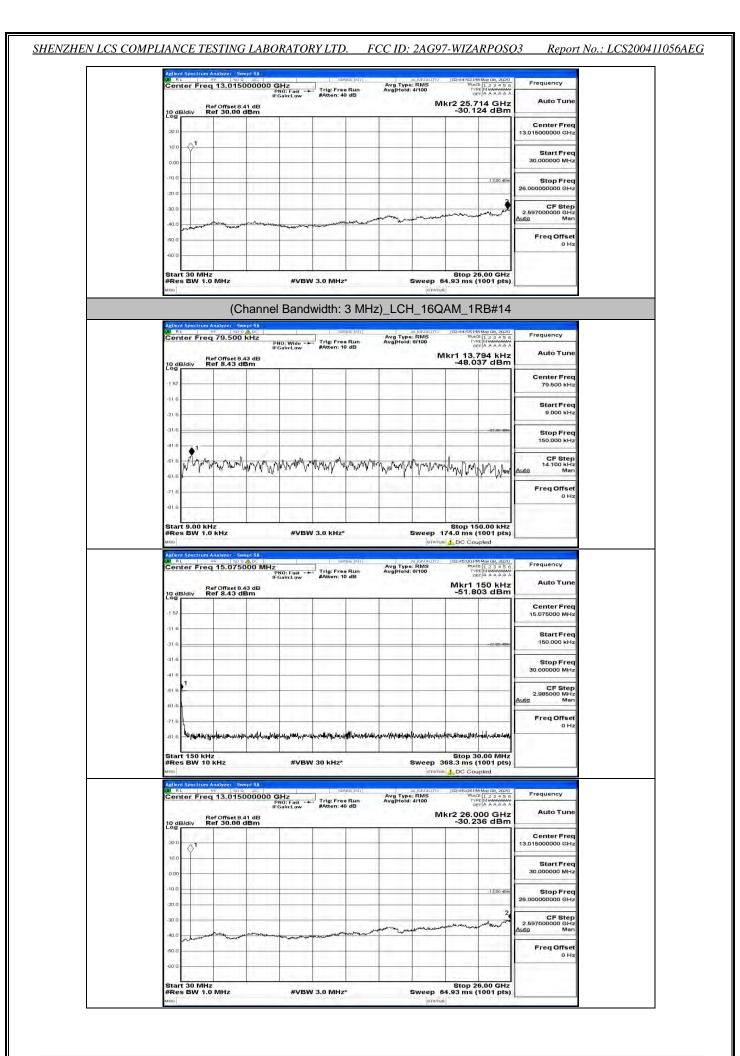
CF Step 14.100 kHz Man

Freq Offset 0 Hz

Stop 30.00 MHz Sweep 368.3 ms (1001 pts)

tart 9.00 kHz Res BW 1.0 kHz Stop 150.00 kHz Sweep 174.0 ms (1001 pts) #VBW 3.0 KHz* Alloh Spectromanup v 1990 ab DS 1 P RL + + S 1990 ab DS 1 Center Freq 15.075000 MHz IFGain:Low #Atten: 10 dB HE PM May DB, 200 TRACE 1 2 3 4 5 TYPE MWWWW DET A A A A S Avg Type: RMS Avg|Hold: 8/100 Frequency Auto Tun Mkr1 150 kHz -50.937 dBm Ref Offset 8.43 dB Ref 8.43 dBm 10 dB/d Center Freq 15.075000 MHz Start Freq 150.000 kHz 51 Stop Freq 30.000000 MHz CF Step 2.985000 MHz Man Freq Offset 0 Hz upul the 81 Start 150 kHz #Res BW 10 kHz Stop 30.00 MHz Sweep 368.3 ms (1001 pts) #VBW 30 kHz* This report shall not be reproduced except in full, without the written approval of Shenzhen LCS Compliance Testing Laboratory Ltd.

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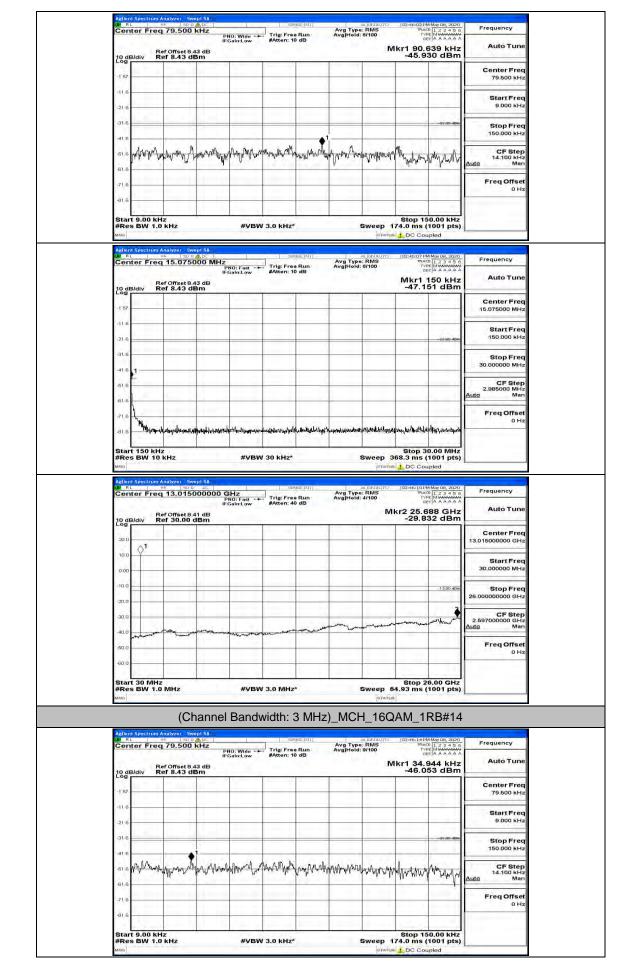
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Frequency	45:50,0M May 08, 2020 TRACE 1 2 3 4 5 6 TYPE MINAWAAAA DET A A A A A A	LIGNAUTO 102:45 RMS 8/100	Avg Type: Avg Hold:	ausenni)	Trig: Fr	10.100	ADC	q 79.500 l		N RL
Auto Tune	60.606 kHz		Avginora.	10 dB	#Atten:	iO: Wide -+ Sain:Low				
	46.280 dBm	-4					3 dB 3m	Ref Offset 8.4 Ref 8.43 de	B/div F	10 dE
Center Freq 79.500 kHz							1	-	4.1.4	-1 57
Start Freq 9.000 kHz										-11.6
Stop Freq 150.000 kHz	-33:00 dBm							-		-31.6
CF Step 14.100 kHz	MMUN MILL A	Annon manual hand	Withhurs	property and the	Heroward	have	WWWWWWW	monorigual	with the second	-41.6 -61.6
uto Man Freq Offset	an a thur a triffe an	1.0.0	dire i			¥	nr ju			-61.6 -71.6
0 Hz										-81.6
	op 150.00 kHz ms (1001 pts)	weep 174.0 r	s	*	V 3.0 KH:	#VBW	-		t 9.00 ki s BW 1.	
	C Coupled	STATUS 🛃 DC						Annahuran Barri	C	MSG
Frequency	45:55 PM May 08, 2020 TRACE 1 2 3 4 5 6 TYPE MWAWAAA DET A A A A A A	RMS	Avg Type: Avg Hold:1		and Construction	1	000 MHz	Analyzer Swe w⊨ 150 9 q 15.0750		LW RL
Auto Tune	kr1 150 kHz 47.940 dBm	Mk	Avginoid.	10 dB	#Atten:	NO: Fast 🔸	IFC I3 dB	Ref Offset 8.4 Ref 8.43 de		10 de
Center Freq 15.075000 MHz										-1 57
Start Freq 150.000 kHz	-25 68 dBm									-11.6
Stop Freq										-31.6
30.000000 MHz CF Step									2	-41.6 -61.6
2.985000 MHz uto Man										61.6
Freq Offset 0 Hz	himmedianterrelisere	Heliyaan waxayaa waxaa ka	www.www.	han tu bhanchaile	Mananala	ماروان المربر وأبو		Mannaham	human	-71.6 -81.6
			1	- Marine	1.0.44	al al brade				
	top 30.00 MHz ms (1001 pts)	Sweep 368.3 r	s		V 30 KHz	#VBW		HZ D KHZ	150 KH BW 10	Star #Res
		STATUS 🛃 DC				-	apt SA	Analyzer Swe	Spectrum	Agilen
Frequency	45:58 PM May 08, 2020 TRACE 1 2 3 4 5 6 TYPE MWAAAAAA DET A A A A A A	CGNAUTO 102:45 RMS 4/100	Avg Type: Avg Hold:		Trig:Fr	Hz	000000 G	⊮⊧ <u>150 α</u> q 13.0150		LW RL
Auto Tune	25.584 GHz 30.082 dBm		Birioid: -	40 dB	#Atten:	NO: Fast 🔸	PI IF(Ref Offset 8.4 Ref 30.00 c	F	
Center Freq				1				101 50.00 0		10 de
13.015000000 GHz									0 ¹	20.0
Start Freq								11		10.0
30.000000 MHz										0.00
Stop Freq	-1 3,00 sitim							-	-	-10.0
26.00000000 GHz	2			-	-			-	-	20.0
CF Step 2.597000000 GHz	man merthan the	manner	James and and a state of the st	1					-	-30.0
uto Man		a and	" "Loras	- manual and	and the state	and services			munn	-40.0
Freq Offset										-50.0
0 Hz										-60.0
0 Hz				1				1		

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SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.	FCC ID: 2AG97-WIZARPOSQ3	Report No.

<u>Report No.: LCS200411056AEG</u>



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	SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD.	FCC ID: 2AG97-WIZARPOS
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23 Report No.: LCS200411056AEG

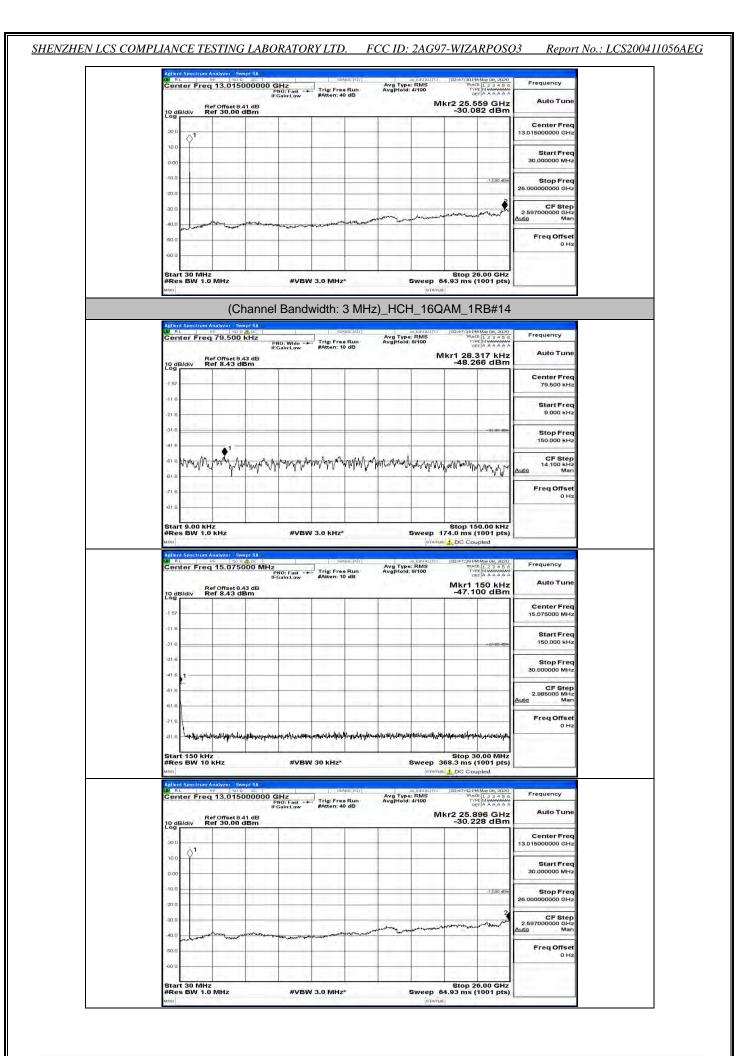
Auto Tune	6.601 dBm		_	#Atten: 10 dB	Sain:Low	13 dB	ef Offset 8.4 ef 8.43 de	R Bidiv R	10 de
Center Freq 15.075000 MHz						1		11.7.4	-1 57
Start Freq 150.000 kHz	-28.09 dBm								-11.6
Stop Freq 30.000000 MHz									-31.6
CF Step 2.985000 MHz Auto Man			-					_	-61.6
Freq Offset		1.2.							-61.6 -71.6
0 Hz	op 30.00 MHz ms (1001 pts) C Coupled	Sweep 368.3 ms	Avg Type	30 kHz*	#VBW	ept SA AC D000000 G	z	t 150 kH s BW 10	Apilen
	op 30.00 MHz ms (1001 pts) C Coupled	Stop Sweep 368.3 m: status <u>1</u> DC C status <u>1</u>		30 kHz*	#vbw	ept SA #C 000000 G Pr IFC	Z KHZ *** 50 2 1 3.0150	t 150 KH BW 10 Spectrum ter Frec	Star #Re: Mso Aellen D/ Ri Cen
Frequency	op 30.00 MHz ms (1001 pts) Coupled	Stop Sweep 368.3 m: status <u>1</u> DC C status <u>1</u>	Avg Type	30 kHz*	#VBW	ept SA #C 000000 G Pr IFC	Z KHZ ₩F 50 Q 13.0150	t 150 kH s BW 10 Spectrom / ter Frec B/div R	Star #Re: MRG
Frequency Auto Tune Center Freq	op 30.00 MHz ms (1001 pts) Coupled	Stop Sweep 368.3 m: status <u>1</u> DC C status <u>1</u>	Avg Type	30 kHz*	#VBW	ept SA #C 000000 G Pr IFC	Z KHZ *** 50 2 1 3.0150	t 150 KH BW 10 Spectrum ter Frec	Star #Re: MSO Agiller UM RI Cen 10 dE Log
Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq	op 30.00 MHz ms (1001 pts) Coupled	Stop Sweep 368.3 m: status <u>1</u> DC C status <u>1</u>	Avg Type	30 kHz*	#VBW	ept SA #C 000000 G Pr IFC	Z KHZ *** 50 2 1 3.0150	t 150 kH s BW 10 Spectrom / ter Frec B/div R	Star #Rea Mino Aellen 200 200 100 0.00
Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq	200 30.00 MHz ms (1001 pts) Coupled	Stop Sweep 368.3 m: status <u>1</u> DC C status <u>1</u>	Avg Type	30 kHz*	#VBW	ept SA #C 000000 G Pr IFC	Z KHZ *** 50 2 1 3.0150	t 150 kH s BW 10 Spectrom / ter Frec B/div R	Star #Re: Milo Aglien D/ Ri Cen 10 dE Log 10.0 10.0

Frequency	M May 08, 2020 CE 1 2 3 4 5 6 PE M MANANAN ET A A A A A A	02:47:10.9M TRACE	RMS 8/100	Avg Type Avg Hold:	estiniv) Bun	Trig: Fre	NO: Wide -+	KHZ P	Analyzer Swe 95 50 9 J q 79.500	RL
Auto Tune	1 m () () () () ()	r1 106.4	MH		DdB	#Atten: 1	Gain:Low	3 dB	Ref Offset 8.4 Ref 8.43 dE	dB/div
Center Freq 79.500 kHz										57
Start Freq 9.000 kHz										6
Stop Freq 150.000 kHz	-33:00 dBm									6
CF Step 14.100 kHz Auto Man	marian	www.high	mm	-w-wr	wmm_wi	wanny	human	wywynaw y dag	www.Ad	e www
Freq Offset 0 Hz										.6
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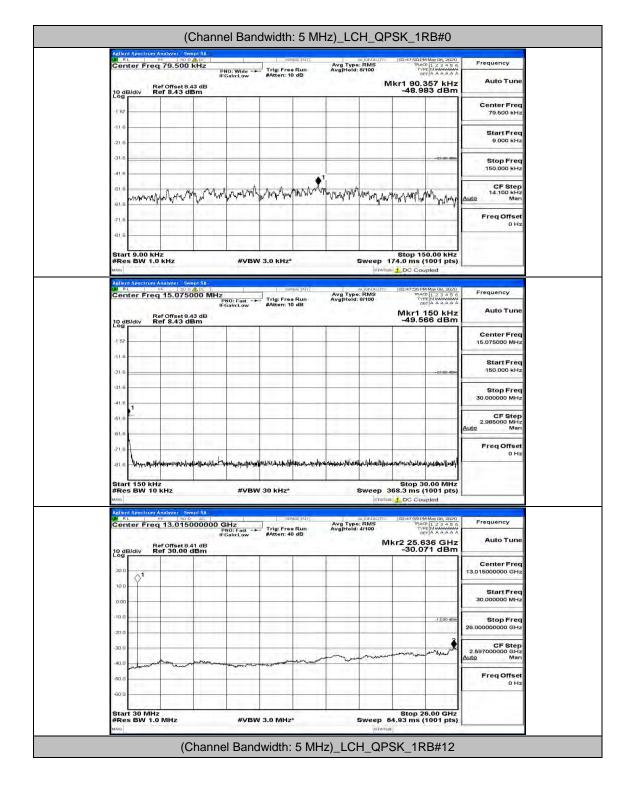
q 15		4	PNO: Fast FGain:Low	#Atten: 1	e Run 0 dB	Avg Hold:	8/100	Mkr1	150 kHz	
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	-	1					-			15.075000 MHz
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Versile	destrober	L LANGE LOW AN		Here all open the	-	which have	antiblemen	allian Antoni	andanda	0 Hz
			-NI-Marconter	1 mainten 1		4.6.	Contribution of the		2.7.1	
IZ KH:	z		#VB	W 30 KHz*				68.3 ms	0.00 MHz 1001 pts)	
RF	Ser Swe	AL		SE	NSE:INV		ALIGNAUTO	102:47:18.0	4 May 08, 2020	
q 13	3.0150	00000	GHz PNO: Fast FGain:Low	Trig: Fre #Atten: 4	e Run 0 dB	Avg Type Avg Hold:	4/100	TRAM TY D	E 123456 E Munaulani T A A A A A A	Frequency
tef O	ffset 8.4 30.00 c	1 dB IBm	_				м		36 GHz 93 dBm	Auto Tune
		11	-	-	_		-	-		Center Freq 13.015000000 GHz
+	_									Start Fred
					-					30.000000 MHz
-	-			-					-1.3,00 dtim	Stop Freq 26.00000000 GHz
1							-		2	CF Step
Anna					-	many	a permanent	and we also and a second	mun	2.597000000 GHz Auto Man
1	Sugar.		-	(and the second second	12. 2		1 1		-1-1-1	Freq Offset
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		1.1.1.1.1							·	
z D Mi	(C			w 3.0 MHz dwidth:		_	STATUS	4.93 ms (AM_1		U
Analy RF q 79	(C	kHz		dwidth:	3 MHz	z)_HCI	H_16C	4.93 ms (AM_1)02:47:22 II TRAY	1001 pts) RB#7	Frequency
Analy RF q 79	(C	kHz	el Bano		3 MHz	z)_HCI	H_16C	4.93 ms (AM_1)02:47:22 II TRAY	1001 pts) RB#7	Frequency Auto Tune
Analy RF q 79	(C	kHz	el Bano		3 MHz	z)_HCI	H_16C	4.93 ms (AM_1)02:47:22 II TRAY	1001 pts) RB#7	Frequency
Analy RF q 79	(C	kHz	el Bano		3 MHz	z)_HCI	H_16C	4.93 ms (AM_1)02:47:22 II TRAY	1001 pts) RB#7	Frequency Auto Tune Center Freq 79.500 kHz Start Freq
Analy RF q 79	(C	kHz	el Bano		3 MHz	z)_HCI	H_16C	4.93 ms (AM_1)02:47:22 II TRAY	1001 pts) RB#7	Frequency Auto Tune Center Freq 79.500 kHz Start Freq 9.000 kHz
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Analy 9F q 75 tef 0 tef 2	(C 2010 2010 3.500 1500 150	prisk ax.bc kHz 3 dB 3m	PNO: Wide	Trig: Fre #Atten: 1	3 MH2	Δvg Type AvgHold:	INTATUS H_16C	A.93 ms ()AM_1 10247220 10247227 10247227 10247227 10247227 10247227	1001 pts) RB#7 112346 (12346) 112346	Frequency Auto Tune Center Freq 79.500 kHz Stopt Freq 9.000 kHz 150.000 kHz 150.000 kHz 150.000 kHz
Analy 9F q 75 tef 0 tef 2	(C 2010 2010 3.500 1500 150	prisk ax.bc kHz 3 dB 3m	PNO: Wide		3 MH2	Δvg Type AvgHold:	INTATUS H_16C	A.93 ms ()AM_1 10247220 10247227 10247227 10247227 10247227 10247227	1001 pts) RB#7 112346 (12346) 112346	Frequency Auto Tune Center Freq 79.500 kHz Start Freq 9.000 kHz Stop Freq 150.000 kHz Auto Mar
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Analy 9F q 75 tef 0 tef 2	(C 1000 000000000000000000000000000000000	prisk ax.bc kHz 3 dB 3m	el Banc	Trig: Fre #Atten: 1	3 MH2		ратов H_16C	4.93 ms (2AM_1 02/47/22 M 102/47/22 M 10/47/22 M 10/47/20 M 10/47/20 M 10/47/20 M 10/47/20 M 10/47/20 M 10/47/20 M 10/47/20 M 10/47/20 M 10/47/20 M	1001 pts)	Frequency Auto Tune Center Freq 79:500 kHz Start Freq 9:000 kHz Stop Freq 150:000 kHz CF Step 14:100 kHz CF Step 14:100 kHz Freq Offset 0 Hz
	(C 1000 000000000000000000000000000000000	norsa asoci sates am fu√γet√nyn	el Banc	dwidth: ☐ Ing: Fro Attorn 1 ↓	3 MH2		ратов H_16C	4.93 ms (AM_1 AM_1 02:47.254 Taylor -46.4 (%,/%)/%/	1001 pts)	Frequency Auto Tune Center Freq 79.500 kHz Start Freq 9.000 kHz Stop Freq 150.000 kHz CF Step 14.100 kHz Man Freq Offset 0 Hz
	(C 200 800 30500 100 100 100 100 100 100 100	אין	el Banc	Trig: Fro SAtton: 1	3 MH2		оттоя H_16С В 16442 1000 МК МК	4.93 ms (2AM_1 02/47/22 M 102/47/22 M	1001 pts)	Frequency Auto Tune Center Freq 79.500 kHz Start Freq 9.000 kHz Stop Freq 150.000 kHz CF Step 14.100 kHz Man Freq Offset 0 Hz
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	(C 200 800 30500 100 100 100 100 100 100 100	197.5A	el Banc	Trig: Fro SAtton: 1	3 MH2		оттоя H_16С В 164 166 167 167 167 167 167 167 167 167 167	4.93 ms (2AM_1 2AM_1 102:47.224 102:47.244 102:	1001 pts)	Frequency Auto Tune Center Freq 79.500 kHz Start Freq 9.000 kHz Stop Freq 150.900 kHz CF Step 14.100 kHz CF Step 14.100 kHz O Hz O Hz O Hz O Hz O Hz CF Step 14.100 kHz
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	(C)	197.5A	el Banc	Trig: Fro SAtton: 1	3 MH2		оттоя H_16С В 164 166 167 167 167 167 167 167 167 167 167	4.93 ms (2AM_1 2AM_1 102:47.224 102:47.244 102:	1001 pts)	Frequency Auto Tune Center Freq 9.000 kHz Storp Freq 150.000 kHz CF Step 14.100 kHz CF Step 14.100 kHz Freq Offset 0 Hz Freq Unset 15.075000 MHz Start Freq Start Freq Start Freq
	(C)	197.5A	el Banc	Trig: Fro SAtton: 1	3 MH2		оттоя H_16С В 164 166 167 167 167 167 167 167 167 167 167	4.93 ms (2AM_1 2AM_1 102:47.224 102:47.244 102:	1001 pts)	Frequency Auto Tune Center Freq 9.000 kHz Stor Freq 150.000 kHz CF Step 14.100 kHz CF Step Auto Man Freq Offset 0 Hz Frequency Auto Tune Center Freq 15.075000 MHz Stor Freq 30.00000 MHz 2.985000 MHz 2.98500 MHz
	(C)	197.5A	el Banc	Trig: Fro SAtton: 1	3 MH2		оттоя H_16С В 164 166 167 167 167 167 167 167 167 167 167	4.93 ms (2AM_1 2AM_1 102:47.224 102:47.244 102:	1001 pts)	Frequency Auto Tune Center Freq 9.000 kHz Stop Freq 150.000 kHz CF Step FreqUency Auto Tune Freq Offset 0 Hz CF Step 5.000 kHz CF Step 2.00000 MHz 2.00000 MHz 2.0000 MHz 2.00000 MHz 2.0000 MHz 2.000
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Channel Bandwidth: 5 MHz



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Description of the second descriptio	Image: construction of the second	-11-6							Start Freq
Image: State of the state	The second seco								9.000 kHz
Image: Control of the second secon	Image: construction of the set of t							-33:00 dBm	Stop Freq 150.000 kHz
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Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24	Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24	-30.0		Andrew Concernation			minner	2	2.597000000 GHz Auto Man Freq Offset
Billoti Spectrum Andyzer Swedt SA (N, w) Sector (N, w) Sector (N, w) Sector (N, w) Frequency Inter Freq. 79.500 kHz Center Freq. 79.500 kHz OdB/dtv Ref 00%set 6.43 dB Mkr19 16.28 kHz Auto Tune 157	Address Selectrom Analyzer - Sweet SA Auto Process Address Selectrom Analyzer - Sweet SA Auto Process Address Selectrom Analyzer - Sweet SA Frequency Image: Process Address Selectrom -	-30.0 -40.0 -60.0 -60.0 Start 30 #Res BI) MHz W 1.0 MHz	#ver	1 3.0 MHz*		p 64.93 ms (1	.00 GHz	2.597000000 GHz Auto Man Freq Offset
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Ber Offset 8.43 dB Mkr1 91.626 kHz -45.881 dBm Auto Tune 169	Ref Offset 8.43 dB Mkr1 91.626 KHz Auto Tune 157 -45.881 dBm Center Freq 79.500 KHz 116 -900 KHz -900 KHz	-90.0 -40.0 -60.0 -60.0 Start 30 #Res Bl	w 1.0 мнz (Cha	nnel Banc	and the second s	15	p 64.93 ms (1 ratus	.00 GHz 001 pts)	2.597000000 GHz Auto Man Freq Offset
110 Center Freq 110 Start Freq 111 Start Freq 112 Start Freq 113 Start Freq 114 Start Freq 115	157	-30 0 -40.0 -60.0 -60.0 #Res B1 wso	(Cha	nnel Banc	width: 5 M	Hz)_LCH_C	p 64.93 ms (1 ratus PSK_1RI	.00 GHz 001 pts) B#24	2.59700000 GHz Auto Man Freq Offset 0 Hz
III 6 Start Freq III 6 Stop Freq III 8 Stop Freq III 9 Stop Freq	116 Start Freq 216 Start Freq 315 Stap Freq 418 Stap Freq	-30 0 -40 0 -60 0 -60 0 -60 0 #Res Bl wro Addient Spe Center	W 1.0 MHz (Cha scrow Analyzer Swept SA 95 50 8 Abz Freq 79,500 kHz	nnel Banc	width: 5 M	Hz)_LCH_C	P 64.93 ms (1 arus PSK_1RI (02:48:15:44 (170) (02:48:15:44 (170) (02:48:15:44 (170) (02:48:15:44 (170)	.00 GHz 001 pts) B#24	2.59700000 GHz Julio Man Freq Offset 0 Hz Frequency
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0 Hz	41.6 0 Hz Start 9.00 kHz Stop 150.00 kHz	-30.0 -40.0 -60.0 -7.8 -7.8 -7.8 -7.8 -7.8 -7.8 -7.8 -7.8	ClimitAnalyze: weat 54	Pho: Wride ++	width: 5 M	Hz)_LCH_G	P 64,93 ms (1 knus) PSK_1RI 100 10246215 MM mecco 10246215 MM mecco 1045 1045 1045 1045 1045 1045 1045 1045	.00 GHz 001 pts) B#24	Frequency Frequency Auto Man Freq Offset 0 Hz Center Freq 79.500 kHz Start Freq 9.000 kHz Stop Freq 150.000 kHz
n.e	Start 9.00 kHz Stop 150.00 kHz	-00.0 -0.0 -0.0	ClimitAnalyze: weat 54	Pho: Wride ++	width: 5 M	Hz)_LCH_G	P 64,93 ms (1 knus) PSK_1RI 100 10246215 MM mecco 10246215 MM mecco 1045 1045 1045 1045 1045 1045 1045 1045	.00 GHz 001 pts) B#24	Frequency Frequency Auto Man Freq Offset 0 Hz Center Freq 9.000 kHz Storp Freq 150.000 kHz CF Step 14.100 kHz
	Start 9.00 kHz Stop 150.00 kHz	200 400 400 400 400 400 400 400 400 400	ClimitAnalyze: weat 54	Pho: Wride ++	width: 5 M	Hz)_LCH_G	P 64,93 ms (1 knus) PSK_1RI 100 10246215 MM mecco 10246215 MM mecco 1045 1045 1045 1045 1045 1045 1045 1045	.00 GHz 001 pts) B#24	Frequency Auto Man Freq Offset 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz 0 Hz

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Report No.: LCS200411056AEG

Auto Tune	Mkr1 150 kHz -49.009 dBm		_			8.43 dB dBm	Ref Offset 8.	0 dB/div
Center Freq 15.075000 MHz			-					1 57
Start Fred 150.000 kHz	+28-88 dBm							21.6
Stop Freq 30.000000 MHz								31.6
CF Step 2.985000 MHz Auto Man								61.6
Freq Offset 0 Hz								71.6
Frequency	Stop 30.00 MHz 8.3 ms (1001 pts) DC Coupled	Sweep 368	Avg Type	30 KHZ*	#VBW	Swept SA	50 kHz SW 10 kHz Pectrum Analyzer Sw	Start 15 #Res Bl so ellent Spe # BL
	Stop 30.00 MHz 88.3 ms (1001 pts) DC Coupled	Sweep 368 eratus 4 aucenauro 1 :: RMS 4/100		30 KHz*	#VBW	swsp1:SA) 9 — А⊂ 5000000 G Рі Іго 8.41 dB	50 kHz BW 10 kHz BW 10 kHz BC 50 5 r Freq 13.015 Bef Offset 8.	Start 15 #Res Bu sso wellent Spe W RL Center
Frequency	Stop 30.00 MHz 18.3 ms (1001 pts) DC Coupled	Sweep 368 eratus 4 aucenauro 1 :: RMS 4/100	Avg Type	30 kHz*	#VBW Hz H2 →	swsp1:SA) 9 — А⊂ 5000000 G Рі Іго 8.41 dB	50 kHz 3W 10 kHz 90 from Analyzer 50 1 so o r Freq 13.015 1 Ref Offset 8. 1 Ref 30.00	Start 15 #Res Bu sol client Spe / Rt Center
Frequency Auto Tune Center Freq 13.015000000 GHz	Stop 30.00 MHz 88.3 ms (1001 pts) DC Coupled	Sweep 368 eratus 4 aucenauro 1 :: RMS 4/100	Avg Type	30 kHz*	#VBW Hz H2 →	swsp1:SA) 9 — А⊂ 5000000 G Рі Іго 8.41 dB	50 kHz BW 10 kHz BW 10 kHz BC 50 5 r Freq 13.015 Bef Offset 8.	Start 15 #Res Bu sol client Spe / Rt Center
Frequency Auto Tune Center Freq 13.01500000 GHz Start Freq	Stop 30.00 MHz 88.3 ms (1001 pts) DC Coupled	Sweep 368 eratus 4 aucenauro 1 :: RMS 4/100	Avg Type	30 kHz*	#VBW Hz H2 →	swsp1:SA) 9 — А⊂ 5000000 G Рі Іго 8.41 dB	50 kHz 3W 10 kHz 90 from Analyzer 50 1 so o r Freq 13.015 1 Ref Offset 8. 1 Ref 30.00	Btart 15 #Res BV inco RL Center
Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq	Stop 30.00 MHz 88.3 ms (1001 pts). DC Coupled	Sweep 368 eratus 4 aucenauro 1 :: RMS 4/100	Avg Type	30 kHz*	#VBW Hz H2 →	swsp1:SA) 9 — А⊂ 5000000 G Рі Іго 8.41 dB	50 kHz 3W 10 kHz 90 from Analyzer 50 1 so o r Freq 13.015 1 Ref Offset 8. 1 Ref 30.00	Start 15 Res Bu Res Bu Ret Center

Frequency	May 08, 2020 1 2 3 4 5 6	02:49:10.PM TRACE	RMS	Avg Type	IGE:IN[Y]	Carolina III	1	KDC	79.500 k	- 91	RL
Auto Tune	85 kHz 4 dBm	kr1 91.4		Avg Hold:	Run dB	#Atten: 10	NO: Wide -+ Gain:Low	PN IFG 3 dB	f 8.43 dB	Re	10 dB)
Center Freq 79.500 kHz			-							4.7.4	1 57
Start Freq 9.000 kHz											-116-
Stop Freq 150.000 kHz										_	-31.6
CF Step 14.100 kHz Auto Man	MUMAN	Mr. Winn	and the	Mountair	Manulan	~~~~~~	www.wahy	1 m mm	Mymm	www.	516 - M
Freq Offset 0 Hz			1					4	Y		61.6 - 71.6 -
			-							1	61.6

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#VBW 30 kHz*

#VBW 3.0 MHz*

Stop Freq 30.000000 MHz

CF Step 2.985000 MHz Man

Freq Offset 0 Ha

Frequency

Center Freq 13.015000000 GHz

> Start Freq 30.000000 MHz

> > Stop Freq

CF Step 2.597000000 GHz uto Man

> Freq Offset 0 Hz

26.0

Auto Tun

way of the strange way a fail with a strange

Stop 30.00 MHz Sweep 368.3 ms (1001 pts)

TYPE MWWWWW

-13,00 df

Mkr2 25.740 GHz -30.487 dBm

Stop 26.00 GHz Sweep 64.93 ms (1001 pts)

Avg Type: RMS Avg|Hold: 4/100

-31

MAM.

Ref Offset 8.41 dB Ref 30.00 dBm

Start 150 kHz #Res BW 10 kHz

Start 30 MHz #Res BW 1.0 MHz

10 dB/d

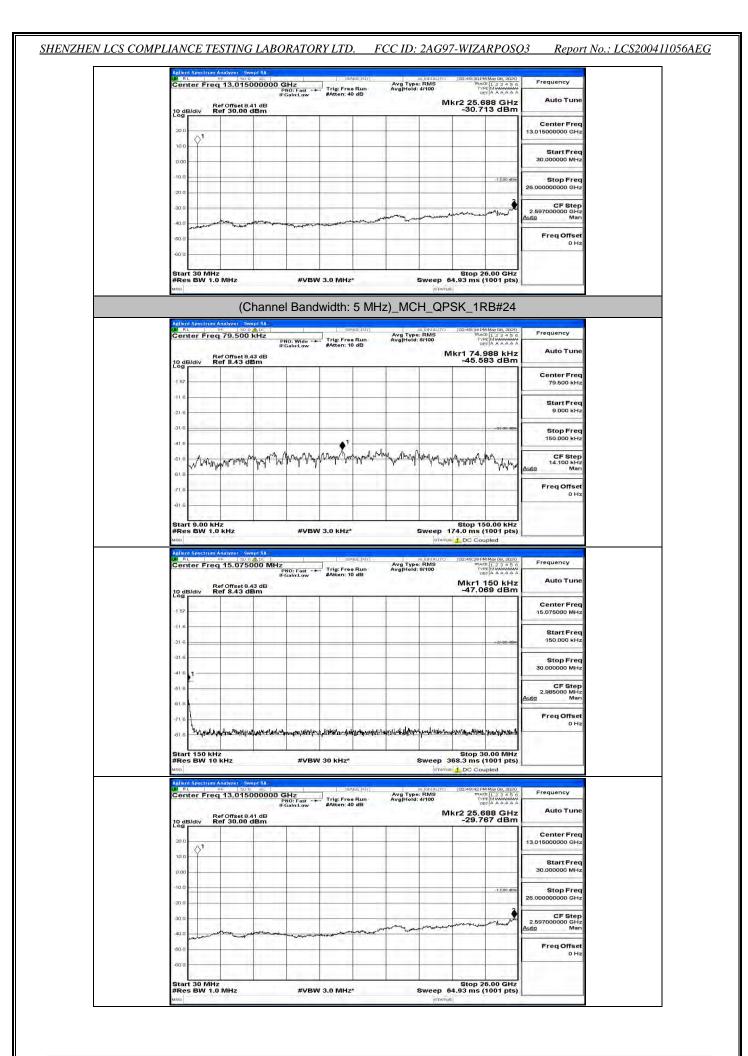
WALLAN TO

Anitotisguerromanus DIRL +* 1200 AC Center Freq 13.015000000 GHz IFGain:Low IFGain:Low Atten: 40 dB

(Channel Bandwidth: 5 MHz)_MCH_QPSK_1RB#12

Auto Tun	123456 177E MWAWAWA DET A A A A A A (r1 90.639 kHz -44.913 dBm	8/100	lun Avg	Trig: Free #Atten: 10	0: Wide 🔸	PN IFC 3 dB	79.500 l ef Offset 8.4 ef 8.43 de	R	0 dE
Čenter Fre 79.500 k⊢								14 T - 4	1 57
Start Fre 9.000 kH				_					11.6 21.6
Stop Free 150.000 kH	~33.00 dBm								31.6 41.6
CF Ster 14.100 kH Auto Mar	www.	Mundmy	Alman walked	www.	man	www.m	Allowy when	monter	61.6 61.6
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