# Appendix A: Test Data for E-UTRA Band II

## **Product Name: Wireless Door Intercom** Trade Mark: AES, BFT, Beninca, SEA, NICE, FAAC Test Model: PRIME6-PROX-IMPK-PE-4GA

#### **Environmental Conditions**

Temperature:	23.5	
Relative Humidity:	53.1	
ATM Pressure:	100.0 kPa	
Test Engineer:	Tom.Liu	
Supervised by:	Jayden Zhuo	

## A.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	25.15	24.40	PASS	
		1	3	25.15	24.48	PASS	
		1	5	25.19	24.45	PASS	
	LCH	3	0	25.23	24.36	PASS	
		3	2	25.24	24.33	PASS	
		3	3	25.25	24.34	PASS	
		6	0	24.31	23.29	PASS	
		1	0	25.15	25.04	PASS	
		1	3	25.71	25.04	PASS	
QPSK /		1	5	25.73	25.01	PASS	
16QAM	MCH	3	0	25.09	24.72	PASS	
TOQAIM		3	2	25.11	24.71	PASS	
		3	3	25.02	24.69	PASS	
		6	0	24.79	23.73	PASS	
		1	0	25.63	24.82	PASS	
		1	3	25.64	24.92	PASS	
		1	5	25.67	24.88	PASS	
	НСН	3	0	25.23	24.74	PASS	
		3	2	25.68	24.71	PASS	
		3	3	25.71	24.75	PASS	
		6	0	24.73	23.84	PASS	

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	Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)								
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict			
Modulation	Channel	Size	Offset	QPSK	16QAM	verdict			
		1	0	25.20	24.47	PASS			
		1	7	25.28	24.56	PASS			
		1	14	25.29	24.54	PASS			
	LCH	8	0	24.34	23.42	PASS			
		8	4	24.37	23.41	PASS			
		8	7	24.40	23.43	PASS			
		15	0	24.36	23.31	PASS			
		1	0	25.65	24.89	PASS			
		1	7	25.31	24.91	PASS			
QPSK /		1	14	25.63	24.87	PASS			
16QAM	MCH	8	0	24.80	23.83	PASS			
IOQAIVI		8	4	24.81	23.83	PASS			
		8	7	24.81	23.82	PASS			
		15	0	24.78	23.72	PASS			
		1	0	25.57	24.84	PASS			
		1	7	25.62	24.92	PASS			
		1	14	25.12	24.94	PASS			
	HCH	8	0	24.64	23.65	PASS			
		8	4	24.66	23.65	PASS			
		8	7	24.70	23.67	PASS			
		15	0	24.63	23.65	PASS			

	Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)								
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict			
Woodlation	Ondriner	Size	Offset	QPSK	16QAM	Verdiet			
		1	0	25.31	24.64	PASS			
		1	12	25.40	24.70	PASS			
		1	24	25.40	24.72	PASS			
	LCH	12	0	24.42	23.54	PASS			
		12	6	24.46	23.58	PASS			
		12	13	24.49	23.59	PASS			
		25	0	24.41	23.44	PASS			
	МСН	1	0	25.76	25.07	PASS			
		1	12	25.80	25.06	PASS			
QPSK /		1	24	25.70	24.99	PASS			
16QAM		12	0	24.84	23.94	PASS			
IOQAIVI		12	6	24.84	23.95	PASS			
		12	13	24.83	23.91	PASS			
		25	0	24.77	23.77	PASS			
		1	0	25.61	24.56	PASS			
		1	12	25.68	24.65	PASS			
		1	24	25.70	24.66	PASS			
	НСН	12	0	24.65	23.68	PASS			
		12	6	24.68	23.69	PASS			
		12	13	24.70	23.74	PASS			
		25	0	24.64	23.67	PASS			

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)							
Modulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdict	
Wouldtion	Channel	Size	Offset	QPSK	16QAM	Veruici	
		1	0	25.27	24.56	PASS	
		1	24	25.45	24.71	PASS	
		1	49	25.44	24.71	PASS	
	LCH	25	0	24.42	23.41	PASS	
		25	12	24.48	23.48	PASS	
		25	25	24.53	23.54	PASS	
		50	0	24.49	23.48	PASS	
		1	0	25.61	24.90	PASS	
	МСН	1	24	25.21	25.01	PASS	
		1	49	25.64	24.88	PASS	
QPSK / 16QAM		25	0	24.77	23.76	PASS	
IOQAIVI		25	12	24.76	23.75	PASS	
		25	25	24.73	23.73	PASS	
		50	0	24.74	23.74	PASS	
		1	0	25.29	24.73	PASS	
		1	24	25.50	24.81	PASS	
		1	49	25.30	24.75	PASS	
	НСН	25	0	24.46	23.50	PASS	
		25	12	24.51	23.55	PASS	
		25	25	24.61	23.63	PASS	
		50	0	24.54	23.60	PASS	

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)							
	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	) (and i at	
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict	
		1	0	25.27	24.54	PASS	
		1	37	25.23	24.76	PASS	
		1	74	25.24	24.57	PASS	
	LCH	37	0	24.54	23.49	PASS	
		37	18	24.58	23.54	PASS	
		37	38	24.55	23.53	PASS	
		75	0	24.57	23.54	PASS	
	МСН	1	0	25.50	24.83	PASS	
		1	37	25.75	24.97	PASS	
		1	74	25.50	24.75	PASS	
QPSK /		37	0	24.79	23.74	PASS	
16QAM		37	18	24.86	23.79	PASS	
		37	38	24.78	23.72	PASS	
		75	0	24.81	23.78	PASS	
		1	0	25.08	24.37	PASS	
		1	37	25.40	24.70	PASS	
		1	74	25.43	24.75	PASS	
	НСН	37	0	24.26	23.33	PASS	
		37	18	24.53	23.55	PASS	
		37	38	24.68	23.63	PASS	
		75	0	24.56	23.57	PASS	

	Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)								
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict			
		Size	Offset	QPSK	16QAM				
		1	0	25.43	24.58	PASS			
		1	49	25.18	24.76	PASS			
		1	99	25.10	24.33	PASS			
	LCH	50	0	24.52	23.49	PASS			
		50	25	24.52	23.52	PASS			
		50	50	24.29	23.37	PASS			
		100	0	24.53	23.54	PASS			
	МСН	1	0	25.56	24.75	PASS			
		1	49	25.90	25.03	PASS			
		1	99	25.51	24.70	PASS			
QPSK / 16QAM		50	0	24.76	23.75	PASS			
IOQAIVI		50	25	24.79	23.77	PASS			
		50	50	24.71	23.68	PASS			
		100	0	24.71	23.70	PASS			
		1	0	25.53	24.90	PASS			
		1	49	25.21	24.55	PASS			
		1	99	25.23	24.63	PASS			
	НСН	50	0	24.00	23.11	PASS			
		50	25	24.19	23.28	PASS			
		50	50	24.53	23.63	PASS			
		100	0	24.30	23.37	PASS			

## A.2 Peak-to-Average Ratio

	Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
wodulation	Channel	[dB]	[dB]	Verdict				
	LCH	4.99	<13	PASS				
QPSK	MCH	4.95	<13	PASS				
	НСН	4.87	<13	PASS				
	LCH	5.84	<13	PASS				
16QAM	MCH	5.8	<13	PASS				
	НСН	5.72	<13	PASS				

	Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
wouldton	Channel	[dB]	[dB]	Verdict				
	LCH	5	<13	PASS				
QPSK	MCH	5.06	<13	PASS				
	НСН	5.05	<13	PASS				
	LCH	5.89	<13	PASS				
16QAM	MCH	5.86	<13	PASS				
	НСН	5.81	<13	PASS				

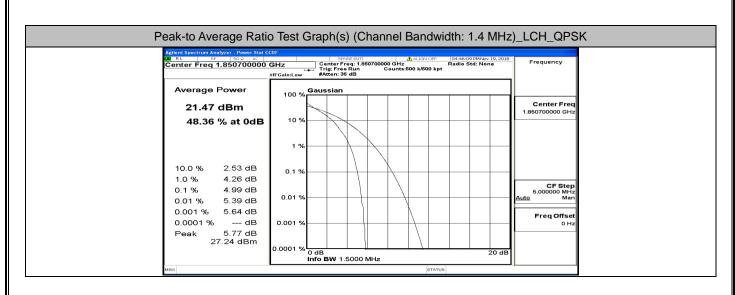
	Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channer	[dB]	[dB]	Verdict				
	LCH	5	<13	PASS				
QPSK	MCH	4.99	<13	PASS				
	HCH	4.96	<13	PASS				
	LCH	5.81	<13	PASS				
16QAM	MCH	5.81	<13	PASS				
	НСН	5.78	<13	PASS				

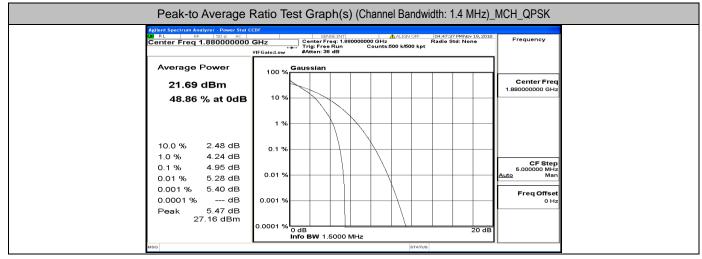
	Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
wouldton	Channel	[dB]	[dB]	Verdict				
	LCH	4.98	<13	PASS				
QPSK	MCH	5.01	<13	PASS				
	НСН	5.13	<13	PASS				
	LCH	8.39	<13	PASS				
16QAM	MCH	8.38	<13	PASS				
	НСН	5.86	<13	PASS				

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	Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channer	[dB]	[dB]	Verdict				
	LCH	4.95	<13	PASS				
QPSK	MCH	4.92	<13	PASS				
	НСН	4.93	<13	PASS				
	LCH	6.06	<13	PASS				
16QAM	MCH	6.05	<13	PASS				
	НСН	6.16	<13	PASS				

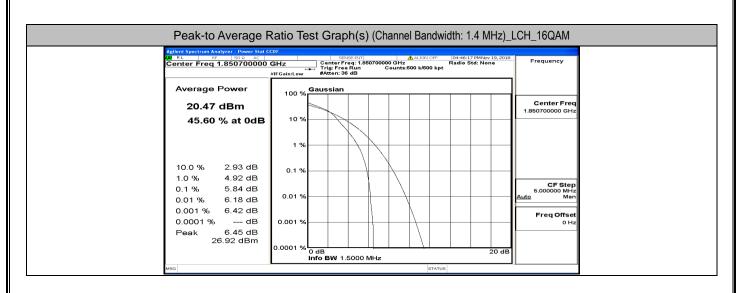
	Peak-to Average Ra	tio Test Result (Channel	Bandwidth: 20 MHz)	
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict
wouldton	Channel	[dB]	[dB]	Verdict
	LCH	5.7	<13	PASS
QPSK	MCH	5.62	<13	PASS
	НСН	5.84	<13	PASS
	LCH	6.64	<13	PASS
16QAM	MCH	6.59	<13	PASS
	НСН	6.78	<13	PASS

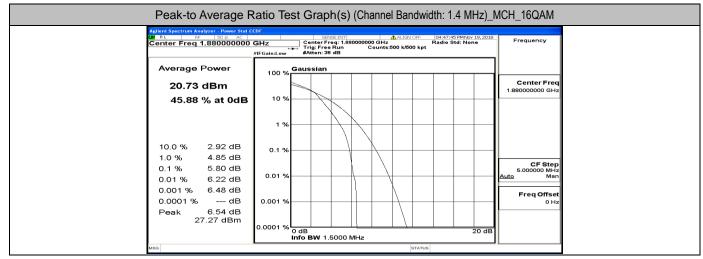




Center Freq 1.909300000 GHz         Radio Std: None           Average Power         Center Freq 1.90930000 GHz         Radio Std: None           21.22 dBm         100 %         Gaussian         Center Freq 1.90930000 GHz         Center Freq 1.90930000 GHz           49.24 % at 0dB         100 %         Gaussian         Center Freq 1.90930000 GHz         Center Freq 1.90930000 GHz           10.0 %         2.50 dB         0.1 %         0.1 %         Center Freq 1.90930000 GHz         Center Freq 1.90930000 GHz           10.0 %         2.50 dB         0.1 %         0.1 %         CF Step 5.00000 GHz         CF Step 5.000000 GHz           0.01 %         0.01 %         0.01 %         CF Step 5.000000 GHz         CF Step 5.000000 GHz           0.001 %         0.001 %         0.001 %         CF Step 5.000000 Hz         CHz           0.001 %         0.001 %         0.001 %         CF Step 5.000000 Hz         CHz	Agilent Spectrum Analyzer - Power Stat C		HCH_QPSK
21.22 dBm       49.24 % at 0dB       10 %       Center Freq         10.0 % 2.50 dB       10 %       10 %       10 %         10.0 % 2.50 dB       0.1 %       10 %       10 %         10.0 % 2.50 dB       0.1 %       10 %       10 %         0.1 %       0.1 %       0.1 %       10 %         0.01 %       0.01 %       0.01 %       10 %         0.01 %       0.01 %       0.01 %       10 %         0.001 %       5.32 dB       0.001 %       10 %         0.001 %       0.001 %       0.001 %       10 %         0.001 %       0.001 %       0.001 %       10 %         0.0001 %       0.001 %       0.001 %       10 %	Center Freq 1.909300000	GHZ Center Freq: 1,909300000 GHz Radio Std: None Trig: Free Run Counts:500 k/500 kpt #/FGain:Low #Atten: 36 dB	Frequency
10.0 % 2.50 dB       0.1 %         1.0 % 4.17 dB       0.1 %         0.1 % 4.87 dB       0.01 %         0.01 % 5.19 dB       0.01 %         0.001 % 5.32 dB       0.01 %         0.0001 % dB       0.001 %         Peak 5.43 dB       0.0001 %         0.0001 %       0 dB         0.0001 %       20 dB		10 %	
0.01 % 5.19 dB 0.01 % 5.32 dB 0.001 % 5.32 dB 0.001 % dB Peak 5.43 dB 26.65 dBm 0.000 % dB 0.001 % dB 0.000 %	1.0 % 4.17 dB		CF Step
Peak 5.43 dB 26.65 dBm 0.0001 % 0 dB 20 dB	0.01 % 5.19 dB 0.001 % 5.32 dB		5.00000 MHż Auto Man Freq Offset
INIO BW 1.5000 MHZ	Peak 5.43 dB		0 Hz

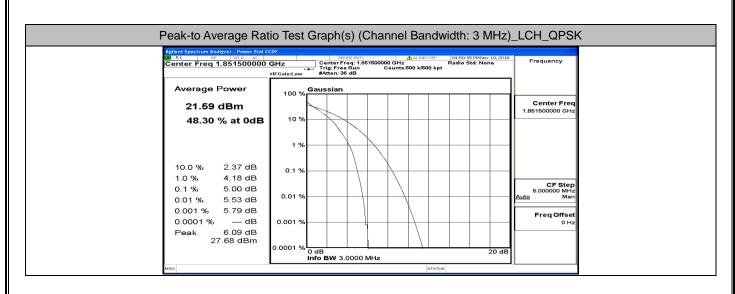
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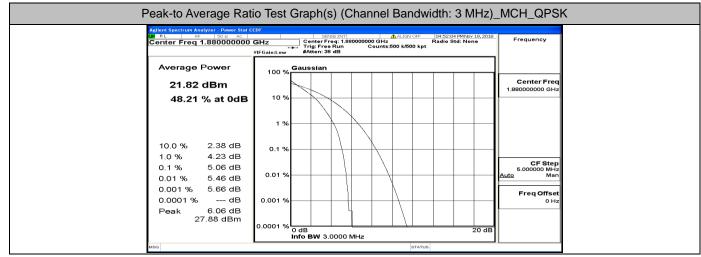




Peak-to Average R	SENSE:INT ALIGN OFF 04:49:15 PMNov 19, 2018	
Center Freq 1.909300000		Frequency
20.33 dBm 46.00 % at 0dB	10 %	Center Freq 1.909300000 GHz
10.0 % 2.90 dB 1.0 % 4.83 dB 0.1 % 5.72 dB	0.1 %	CF Step 5.000000 MHz Auto Man
0.01 % 6.06 dB 0.001 % 6.27 dB 0.0001 % dB Peak 6.33 dB 26.66 dBm	0.001 % 0.0001 % 0 dB 20 dB	Freq Offset 0 Hz
MBG	0.000 1 % 0 dB 20 dB 20 dB 20 dB	

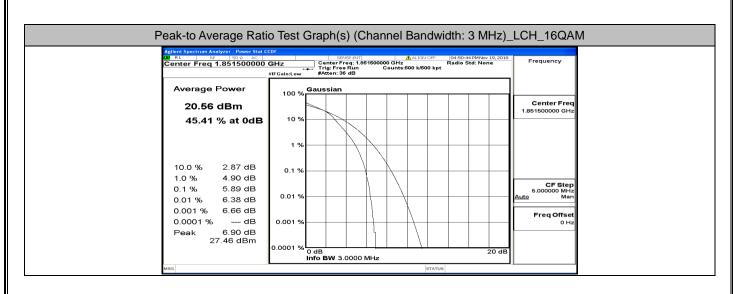
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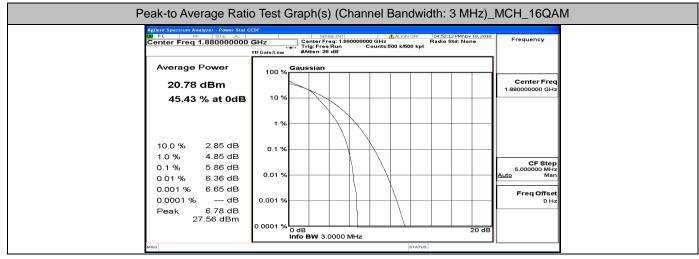




	or Test Graph(s) (Channel Bandwidth: 3 MHz)	
Center Freq 1.908500000	GHZ CenterFreq:1.908500000 GHZ Radio Std: None Trig: Free Run Counts:500 k/500 kpt #IFGain:Low #Atten:36 dB	Frequency
Average Power 21.29 dBm	100 % Gaussian	Center Freq 1.908500000 GHz
48.23 % at 0dB	1 %	
10.0 % 2.37 dB 1.0 % 4.20 dB	0.1 %	
0.1 % 5.05 dB 0.01 % 5.47 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % 5.80 dB 0.0001 % dB Peak 5.86 dB	0.001 %	Freq Offset 0 Hz
27.15.dBm	0.0001 % 0 dB 20 dB	
MSG	STATUS	

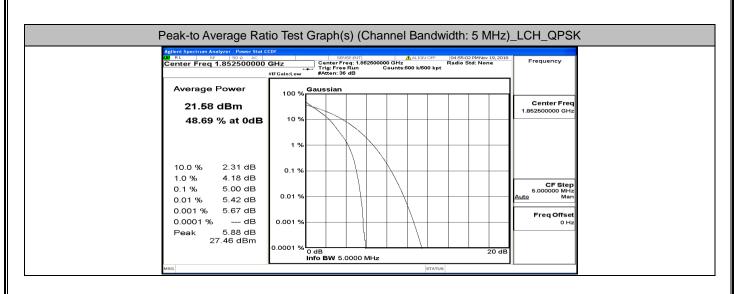
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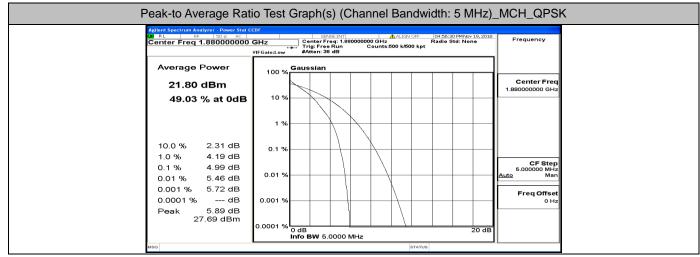




Agilent Spectrum Analyzer - Power Stat C		
04 RL RF 190 A AC Center Freq 1.908500000	SENSE:INT ALION OFF (04:53:41 PMIAby 19,2018 GHZ Center Freq: 1308500000 GHz Radio Std: None Trig: Free Run Counts:500 k/500 kpt #/FGain:Low #Atten: 36 dB	Frequency
Average Power 20.35 dBm	100 % Gaussian	<b>Center Freq</b> 1.908500000 GHz
45.42 % at 0dB	10 %	
10.0 % 2.86 dB 1.0 % 4.84 dB	0.1 %	
0.1 % 5.81 dB 0.01 % 6.25 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % 6.68 dB 0.0001 % dB Peak 6.83 dB	0.001 %	Freq Offset 0 Hz
27 18 dBm	0.0001 % 0 dB 20 dB Info BW 3.0000 MHz	
MSG	STATUS	

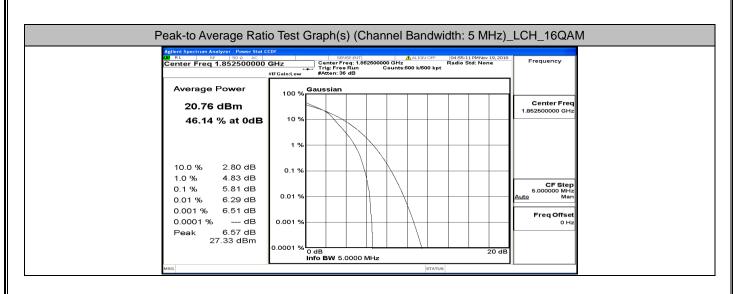
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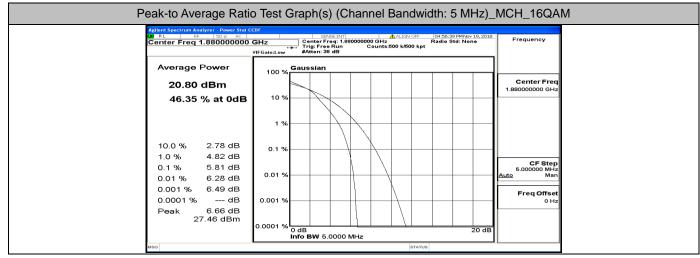




Aglient Spectrum Analyzer Dewer Stat M RL 100 - 150 00 AC-1 Center Freq 1.907500000	SENSE:INT ALIGN OFF 04:58:00 PMNov 19	
Average Power 21.30 dBm 49.03 % at 0dB	#IFGain:Low Atten: 36 dB	Center Freq 1.907500000 GHz
10.0 % 2.30 dB 1.0 % 4.15 dB	0.1 %	
0.1 % 4.96 dB 0.01 % 5.39 dB 0.001 % 5.59 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man Freq Offset
0.0001 % dB Peak 5.78 dB 27.08 dBm	0.001 % 0.0001 % 0 dB 200 Info BW 5.0000 MHz	dB

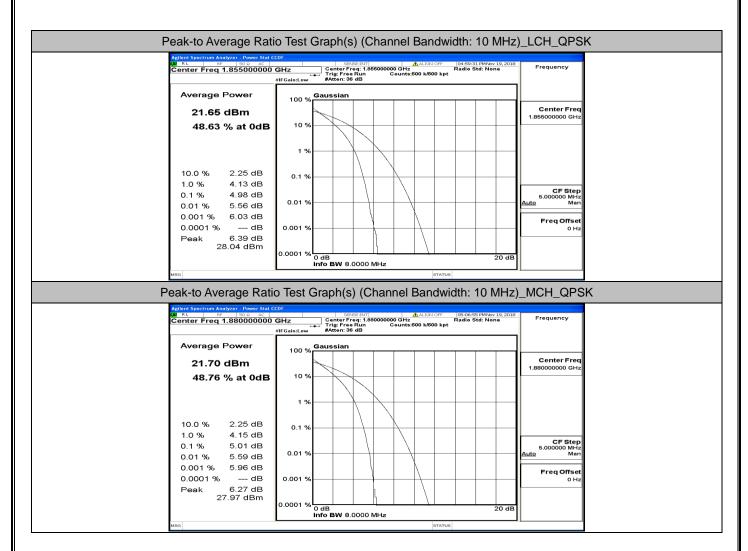
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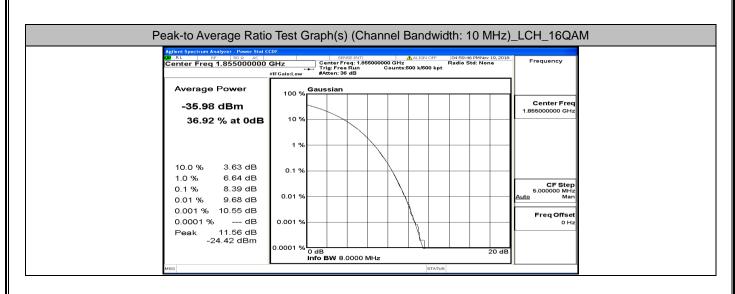


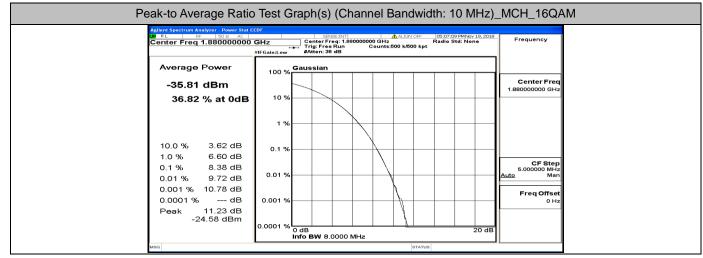
Agilent Spectrum Analyzer - Power Stat C		
24/ Rt   RF  90 Ω ∧ C   Center Freq 1.907500000	GHz Center Freq: 1:90750000 GHz Radio Std: None Trig: Free Run Counts:500 k/600 kpt #IFGain:Low #Atten: 36 dB	Frequency
Average Power 20.18 dBm	100 % Gaussian	Center Freq 1.907500000 GHz
46.41 % at 0dB	10 %	-
10.0 % 2.78 dB 1.0 % 4.83 dB	0.1 %	-
0.1 % 5.78 dB 0.01 % 6.29 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % 6.61 dB 0.0001 % dB	0.001 %	Freq Offset 0 Hz
Peak 6.87 dB 27.05 dBm	0.0001 % 0 dB 20 dl	3
MSG	STATUS	

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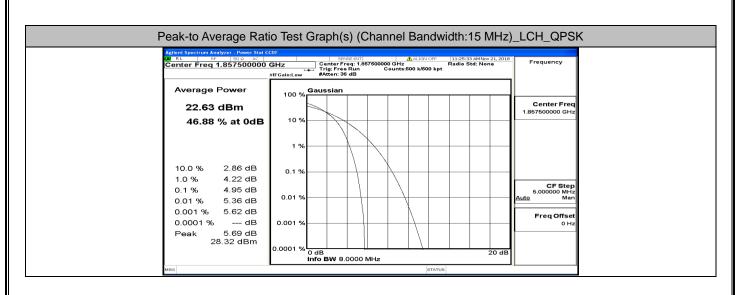
	io Test Graph(s) (Channel Bandwidth: 10 Mł	Iz)_HCH_QPSK
Aplend Spectrum Analyzer. Bower Stat 00 Rt. 99 − 90 − AC Center Freq 1.905000000	SENSE:INT ALIGN OFF 11:23:50 AMNov 21,	2018 Frequency
Average Power	100 % Gaussian	
23.76 dBm		Center Freq 1.905000000 GHz
47.68 % at 0dB	10 %	
10.0 % 2.26 dB 1.0 % 4.14 dB	0.1 %	CF Step
0.1 % 5.13 dB 0.01 % 5.62 dB	0.01 %	5.000000 MHz Auto Man
0.001 % 5.91 dB 0.0001 % dB	0.001 %	Freq Offset 0 Hz
Peak 6.11 dB 29.87 dBm	0.0001 % 0 dB 20 Info BW 8.0000 MHz 20	dB
MBG	STATUS	

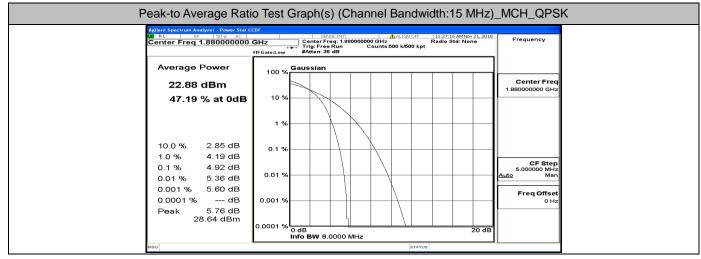




Agilent Spectrum Analyzer - Power State           XX         RL         RF         S0 Ω         AC         AC           Center Freq 1.905000000	SENSE:INT ALIGN OFF 11:23:59 AMNov 21, 20	18 Frequency
Average Power	#IFGain:Low #Atten: 36 dB	]
22.77 dBm 46.02 % at 0dB		Center Freq 1.905000000 GHz
	1 %	
10.0 % 2.83 dB 1.0 % 4.77 dB	0.1 %	-
0.1 % 5.86 dB 0.01 % 6.51 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % 6.93 dB 0.0001 % dB Peak 7.20 dB	0.001 %	Freq Offset 0 Hz
29.97 dBm	0.0001 % 0 dB 2000 MHz 20 d	B

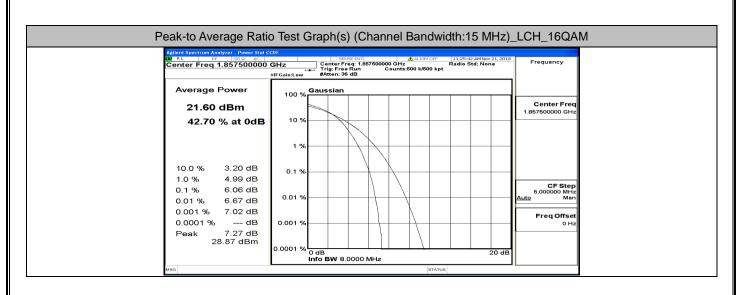
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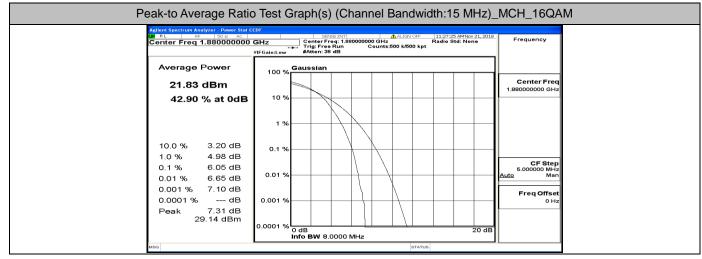




Peak-to Average Rati	SENSE:INT ALIGN OFF 11:29:01 AM Nov 21, 201 CH7 Center Freg: 1.902500000 GHz Radio Std: None	
· · · · · · · · · · · · · · · · · · ·	Trig: Free Run #FGainLow Gaussian 100 % Gaussian 10 % 1 %	Center Freq 1.902500000 GHz
10.0 % 2.89 dB 1.0 % 4.24 dB 0.1 % 4.93 dB 0.01 % 5.37 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % 5.72 dB 0.0001 % dB Peak 5.88 dB 28.57 dBm	0.001 %	Freq Offset 0 Hz
MSQ	Info BW 8.0000 MHz	

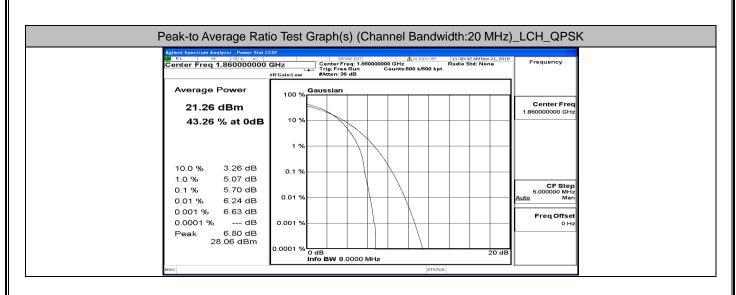
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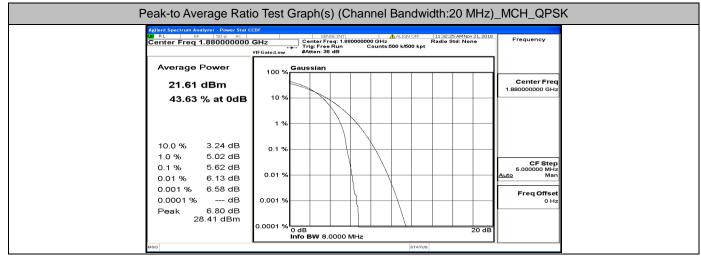




Peak-to Average Ratio	o Test Graph(s) (Channel Bandwidth:15 MHz)	
Center Freq 1.902500000		Frequency
Average Power 21.66 dBm	100 % Gaussian	Center Freq 1.902500000 GHz
42.49 % at 0dB	1 %	
10.0 % 3.27 dB 1.0 % 5.08 dB	0.1 %	
0.1 % 6.16 dB 0.01 % 6.82 dB	0.01 %	CF Step 5.000000 MHz <u>Auto</u> Man
0.001 % 7.38 dB 0.0001 % dB Peak 7.56 dB	0.001 %	Freq Offset 0 Hz
29.22 dBm	0.0001 % 0 dB 20 dB Info BW 8.0000 MHz	
MSG	STATUS	

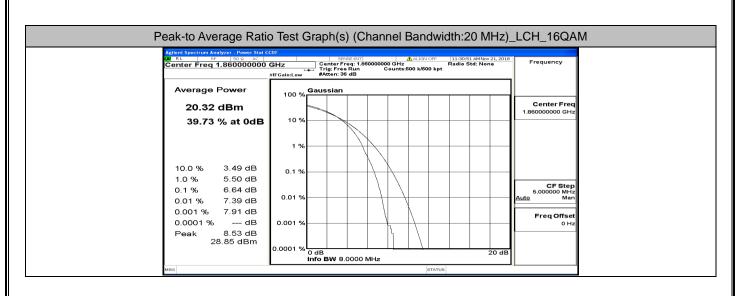
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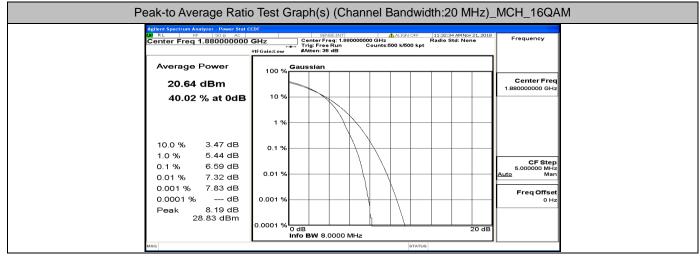




Average Power         100 %         3.24 dB         100 %         0.1 %         Counte store         Counte s	Frequency
21.22 dBm     100 %       43.22 % at 0dB     10 %       10.0 %     3.24 dB       0.1 %	
10.0 % 3.24 dB 0.1 %	Center Freq 000000000 GHz
0.1 %	
1.0 % 5.05 dB	
0.1 % 5.84 dB 0.01 % 6.36 dB 0.01 %	CF Step 5.000000 MHz Man
0.0001 % dB 0.001 % Peak 6.95 dB	Freq Offset 0 Hz
28.17 dBm 0.0001 % 0 dB info BW 8.0000 MHz 20 dB	

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Peak-to Average Rati	o Test Graph(s) (Channel Bandwidth:20 MHz)	
Center Freq 1.90000000		Frequency
Average Power 20.28 dBm 39.58 % at 0dB	100 % Gaussian	Center Freq 1.90000000 GHz
39.36 % at 00B	1%	
10.0 % 3.47 dB 1.0 % 5.55 dB	0.1 %	
0.1 % 6.78 dB 0.01 % 7.48 dB	0.01 %	CF Step 5.00000 MHz <u>Auto</u> Man
0.001 % 8.04 dB 0.0001 % dB Peak 8.11 dB	0.001 %	Freq Offset 0 Hz
28.39 dBm	0.0001 % 0 dB 20 dB Info BW 8.0000 MHz	
MSG	STATUS	

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## A.3 26dB Bandwidth and Occupied Bandwidth

	EBW & OBW Te	est Result (Channel Band	width: 1.4 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
MODULATION	Channel	(MHz)	(MHz)	Verdict
	LCH	1.0779	1.233	PASS
QPSK	MCH	1.0764	1.210	PASS
	НСН	1.0781	1.226	PASS
	LCH	1.0801	1.240	PASS
16QAM	MCH	1.0805	1.215	PASS
	НСН	1.0775	1.214	PASS

	EBW & OBW T	est Result (Channel Ban	dwidth: 3 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
wouldton	Channel	(MHz)	(MHz)	Verdict
	LCH	2.6826	2.875	PASS
QPSK	MCH	2.6852	2.854	PASS
	НСН	2.6828	2.885	PASS
	LCH	2.6809	2.869	PASS
16QAM	MCH	2.6872	2.886	PASS
	НСН	2.6881	2.866	PASS

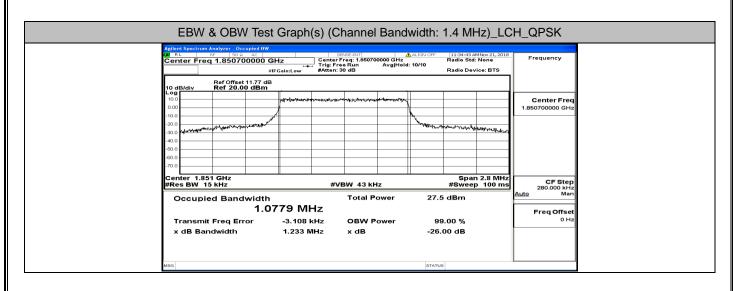
	EBW & OBW T	est Result (Channel Ban	dwidth: 5 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
MODULATION	Channel	(MHz)	(MHz)	Verdict
	LCH	4.4868	4.876	PASS
QPSK	MCH	4.4818	4.845	PASS
	НСН	4.4743	4.853	PASS
	LCH	4.4830	4.831	PASS
16QAM	MCH	4.4839	4.895	PASS
	НСН	4.4822	4.821	PASS

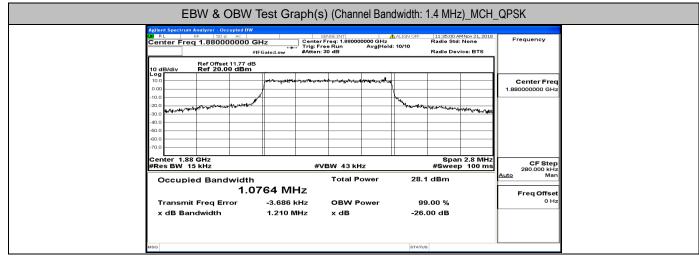
	EBW & OBW Te	est Result (Channel Band	dwidth: 10 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
Modulation	Ghanne	(MHz)	(MHz)	Verdict
	LCH	8.9432	9.569	PASS
QPSK	MCH	8.9327	9.433	PASS
	НСН	8.9133	9.429	PASS
	LCH	8.9332	9.415	PASS
16QAM	MCH	8.9277	9.506	PASS
	НСН	8.9265	9.398	PASS

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	EBW & OBW Te	est Result (Channel Band	width: 15 MHz)	
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
	LCH	13.408	14.03	PASS
QPSK	MCH	13.397	14.08	PASS
	HCH	13.376	13.98	PASS
	LCH	13.391	14.06	PASS
16QAM	MCH	13.380	14.01	PASS
	HCH	13.370	13.99	PASS

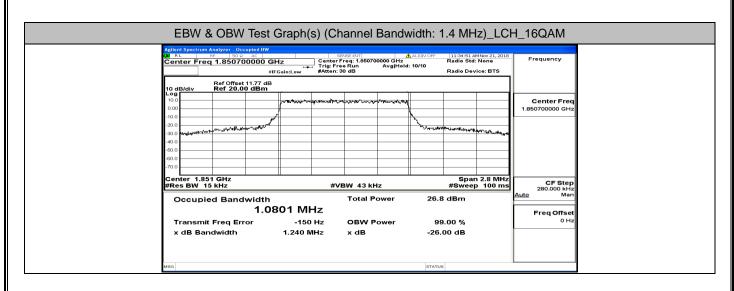
	EBW & OBW Te	est Result (Channel Band	lwidth: 20 MHz)	
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
	LCH	17.857	18.65	PASS
QPSK	MCH	17.845	18.65	PASS
	НСН	17.855	18.58	PASS
	LCH	17.885	18.56	PASS
16QAM	MCH	17.848	18.62	PASS
	НСН	17.847	18.64	PASS

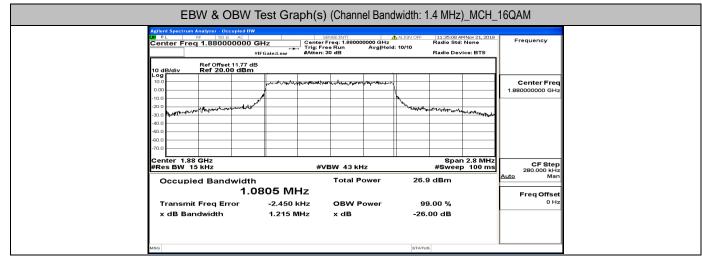




Aglient Spectrum Analyzer - Occupied DW (M RL RF 50 g AC Center Freq 1.909300000 G	s	) (Channel Bar	ALIGN OFF		1Nov 21, 2018 None	Frequency
#IF Ref Offset 11.84 dB 10 dB/div Ref 20.00 dBm	Gain:Low #Atten: :	30 dB		Radio Devi	ce: BTS	
		nn aller an	1			Center Freq 1.909300000 GHz
-20.0 -30.0			We Hard Top	<sup>na</sup> s-Joseficate (Cape	monolynning	
-60.0					0.0.001	
Center 1.909 GHz #Res BW 15 kHz	#V	BW 43 kHz			2.8 MHz 100 ms	CF Step 280.000 kHz
Occupied Bandwidth 1.07	'81 MHz	Total Power	28.0	) dBm		Auto Man Freq Offset
Transmit Freq Error x dB Bandwidth	-3.741 kHz 1.226 MHz	OBW Power x dB		0.00 % 00 dB		0 Hz
MSG			STATUS	1		

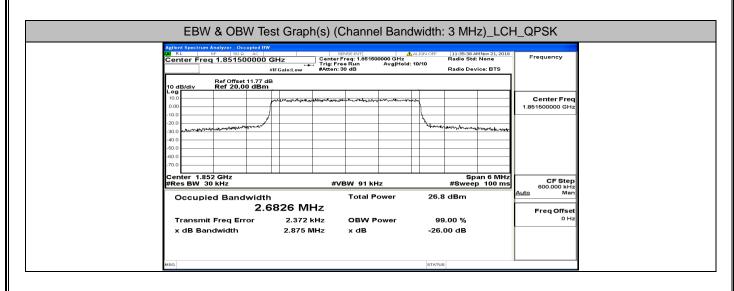
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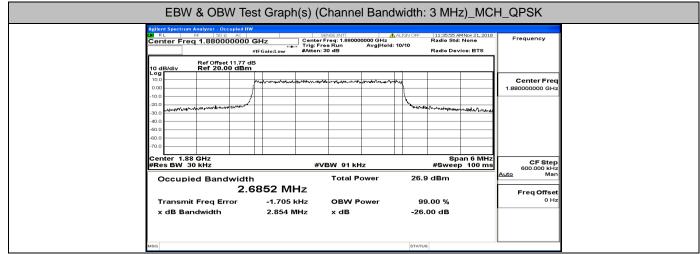




		t 11.84 dB 00 dBm		1			 	
Center         Center         1.90930000           100         100         1.90930000           100         100         1.90930000           100         100         1.90930000           100         100         1.90930000           100         100         1.90930000           100         100         1.90930000           100         100         1.900000           100         1.90000000         1.9000000           100         1.9000000         1.9000000           100         1.900000000         1.900000000           100         1.900000000         1.9000000000000000000000000000000000000	wynawai ie yn '							
200 300 300 300 300 300 300 300			lander and a set of the	สาราราราชาวินอาท	(margarente	1		Center Fred 1.909300000 GHz
	+	Here Many Harden				have been at	 <sup>∼</sup> }≁≉≹•√÷skag-Uji	
			#	BW 43 ki				CF Step
Occupied Bandwidth Total Power 27.1 dBm						27.1		
Fleqo	11 Hz	ror	-411 Hz		'ower			Freq Offset 0 Hz

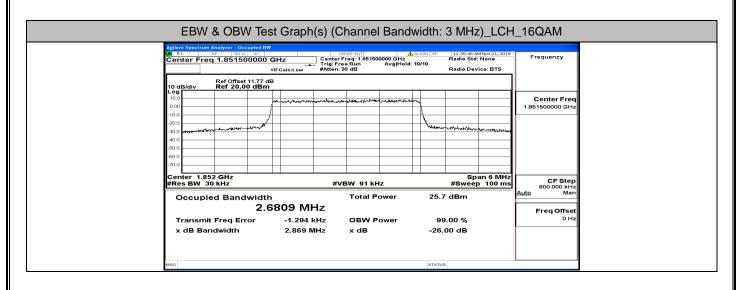
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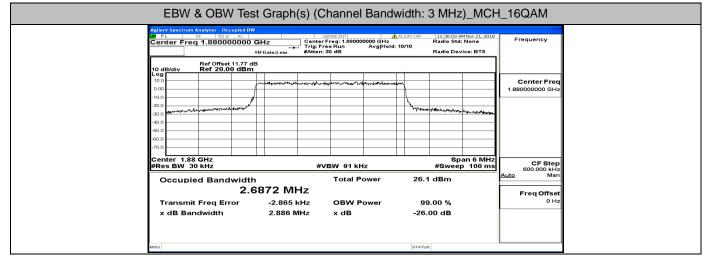




Agilent Spectrum Analyzer - Occupied I		SENSE:INT	ALIGN OFF 11:36:14 AMNov 21, 20	18 _
Center Freq 1.908500000	· • · · ·	enter Freq: 1.908500000 GHz rig: Free Run Avg Hold Atten: 30 dB	a: 10/10 Radio Std: None Radio Device: BTS	Frequency
Ref Offset 11.84 10 dB/div Ref 20.00 dBr Log				
10.0	protinger and a protocol		~~	Center Freq 1.908500000 GHz
-10.0 -20.0 -30.0	/		- have been and a second	~
-40.0 -50.0 -60.0				-
-70.0 Center 1.909 GHz			Span 6 MH	
#Res BW 30 kHz Occupied Bandwidt		#VBW 91 kHz Total Power	#Sweep 100 n 26.9 dBm	s 600.000 kHz Auto Man
2. Transmit Freq Error	6828 MHz. -5.220 kHz		99.00 %	Freq Offset 0 Hz
x dB Bandwidth	-5.220 KH2 2.885 MH2		-26.00 dB	

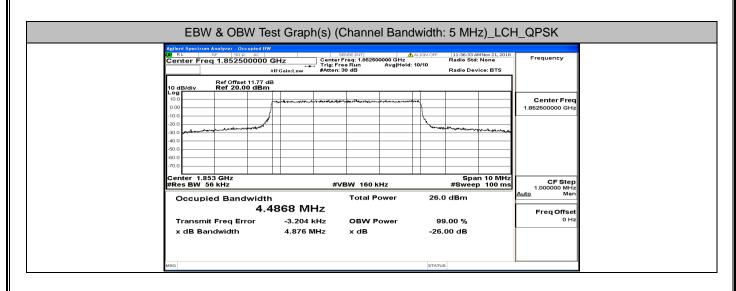
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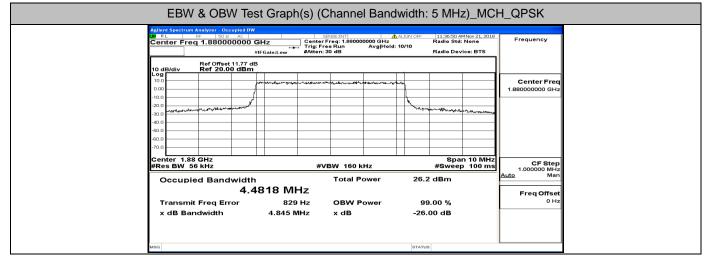




Content ring         Trig: Free Run         Avg Hold: 10/10         Radio Device: BTS           Ref Offset 11.84 dB         Ref 20.00 dBm         Center Freq           10 dB/div         Ref 20.00 dBm         Center Freq           00         Image: Second S		CH-		ISE:INT eq: 1.908500		IGN OFF	11:36:22 A Radio Std	MNov 21, 2018	Frequency
Total Power         Span 6 MHz           Ccupied Bandwidth         Total Power         25.8 dBm           Ccupied Bandwidth         Total Power         99.00 %			Trig: Free	Run	Avg Hold: 10	0/10			
Log         Center Freq           000         000           000         000           000         000           000         000           000         000           000         000           000         000           000         000           000         000           000         000           000         000           000         000           000         000           000         000           000         000           000         0000           000         0000           000         0000           000         0000           0000         00000           00000         00000           000000         00000           000000         00000           000000000         000000           00000000000         000000           000000000000000000000000000000000000	Ref Offset 11.84 di	в							
100         200         Image: Market of Mark	Log		ليلديك ومعالية	******					Center Freq
من المعنى المعالي المع						Λ.			1.908500000 GHz
Conter         Span 6 MHz           #Res BW 30 kHz         #VBW 91 kHz         #Sweep 100 ms           Occupied Bandwidth         Total Power         25.8 dBm           2.6881 MHz         Freq Offset           Transmit Freq Error         -5.807 kHz         OBW Power         99.00 %	and an and the second state of the second stat					WITTIN	-		
Center         1.909 GHz         #VBW 91 kHz         Span 6 MHz         CF Step 600.000 kHz           Center         1.909 GHz         #VBW 91 kHz         #Sweep 100 ms         600.000 kHz           Ccupied Bandwidth         Total Power         25.8 dBm         Man           2.6881 MHz         Freq Offset         0 Hz	130.0							Charles and the same	
Center 1.909 GHz     Span 6 MHz       #Res BW 30 kHz     #VBW 91 kHz     #Sweep 100 ms       Occupied Bandwidth     Total Power     25.8 dBm       2.6881 MHz     Freq Offset       Transmit Freq Error     -5.807 kHz     OBW Power     99.00 %									
#Res BW         30 kHz         #VBW         91 kHz         #Sweep         100 ms         CF Step 000000 Hz           Occupied Bandwidth         Total Power         25.8 dBm         Auto         Man           2.6881 MHz         Freq Offset         Freq Offset         0 Hz	-70.0								
Occupied Bandwidth     Total Power     25.8 dBm     Auto     Man       2.6881 MHz     Freq Offset       Transmit Freq Error     -5.807 kHz     OBW Power     99.00 %     0 Hz			#VB	W 91 kH	z				
Transmit Freq Error -5.807 kHz OBW Power 99.00 %	Occupied Bandwidth	n		Total Po	wer	25.8	3 dBm		
	2.6	5881 MF	z						Freq Offset
	· ·				ower				0 Hz

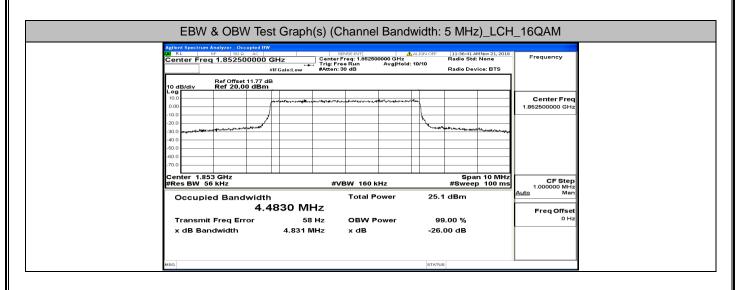
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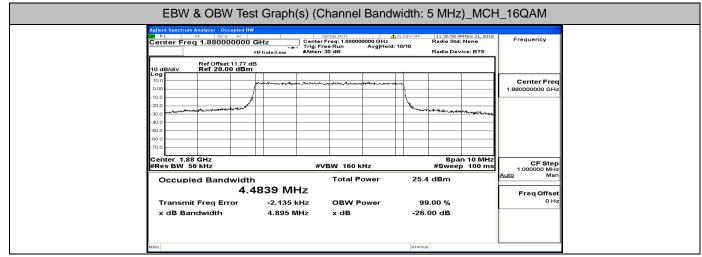




Center 1:008 GHz         Genetaria         Avgifield: 10/10         Radio Device: BTS           0         46.47.43 MHz         Total Power         99.00 %         Freq Orfset	Agilent Spectrum Analyzer - Occupied B			ALIGN OFF	11:37:08 AMNo		Frequency
Ref Offset 11.84 dB         Center Free           100 <td>Center Freq 1.907500000</td> <td> Tr</td> <td>ig: Free Run Avg Hol-</td> <td>I: 10/10</td> <td></td> <td></td> <td>,</td>	Center Freq 1.907500000	Tr	ig: Free Run Avg Hol-	I: 10/10			,
Log         Center Free           0         0           0         0           00         0           00         0           00         0           00         0           00         0           00         0           00         0           00         0           00         0           00         0           00         0           00         0           00         0           00         0           00         0           00         0           000         0           000         0           000         0           000         0           000         0           000         0           000         0           000         0           000         0           000         0           000         0           0000         0           0000         0           0000         0           0000         0           0000         0		dB					
000         1.907500000 GHz           0000         1.907500000 GHz           0000         1.907500000 GHz           00000         1.907500000 GHz           000000         1.900750000 GHz           000000         1.900750000 GHz           0000000         1.900750000 GHz           0000000000         1.90000 GH	Log						Center Freg
200							1.907500000 GHz
So 0         Image: CF Step 100 ms           400         400           500         400           500         400           500         400           500         500           500         500           600         500           700         500           700         500           700         500		/		No.			
Span 10 MHz         Span 10 MHz           #800         Span 10 MHz           #800         Span 10 MHz           #800         Span 10 MHz           #Res BW 56 kHz         #VBW 160 kHz         #Span 10 MHz           Occupied Bandwidth         Total Power         26.3 dBm           4.4743 MHz         Freq Offse         Offse           Transmit Freq Error         -13.172 kHz         OBW Power         99.00 %	-30.0				- warden and a such		
Center 1.908 GHz     Span 10 MHz       Res BW 56 kHz     #VBW 160 kHz     \$Span 10 MHz       Occupied Bandwidth     Total Power     26.3 dBm       4.4743 MHz     Freq Onfise       Transmit Freq Error     -13.172 kHz     OBW Power     99.00 %							
Center         1.908 GHz         Span 10 MHz           #Res BW 56 kHz         #VBW 160 kHz         #Sweep 100 ms           Occupied Bandwidth         Total Power         26.3 dBm           4.4743 MHz         Freq Offse           Transmit Freq Error         -13.172 kHz         OBW Power         99.00 %							
Wild's BW 100 KH2         #Sweep 100 KH2         #Sweep 100 KH3         1,000000 MH3           Occupied Bandwidth         Total Power         26.3 dBm         Auto         Mar           4.4743 MHz         Freq Offse         Freq Offse         0 H3         0 H3	Center 1.908 GHz				Span 1	0 MHz	05.04-1
Occupied Bandwidth     Total Power     26.3 dBm       4.4743 MHz     Freq Offse       Transmit Freq Error     -13.172 kHz     OBW Power     99.00 %     0 Hz	#Res BW 56 kHz		#VBW 160 kHz		#Sweep 1		1.000000 MHz
Transmit Freq Error -13.172 kHz OBW Power 99.00 %			Total Power	26.3	3 dBm		uto Mari
							Freq Offset
	Transmit Freq Error x dB Bandwidth	-13.172 kHz 4.853 MHz	OBW Power x dB				0 Hz

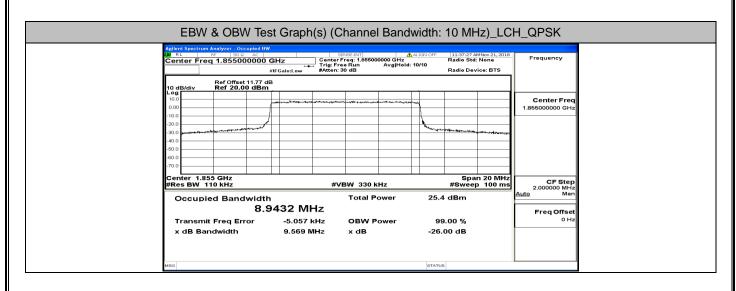
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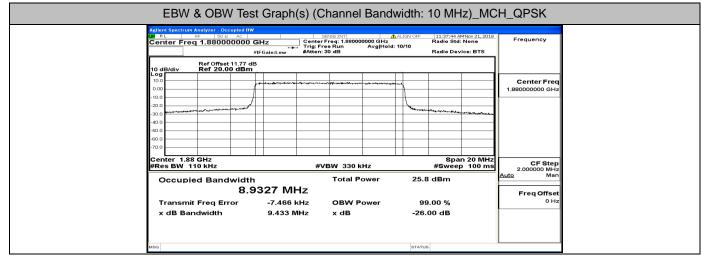




(X RL RF 50Ω AC		ENSE:INT		1:37:16 AMNov 21, 2018 adio Std: None	Frequency
Center Freq 1.907500000 G	FGain:Low #Atten:	e Run Avg Hold	: 10/10	adio Device: BTS	
Ref Offset 11.84 dB 10 dB/div Ref 20.00 dBm					
Log		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Center Freg
0.00					1.907500000 GHz
-20.0					
-30.0			marin	white work and the second	
-60.0					
-60.0					
Center 1.908 GHz				Span 10 MHz	CF Step
#Res BW 56 kHz	#V	BW 160 kHz		Sweep 100 ms	1.000000 MHz Auto Man
Occupied Bandwidth		Total Power	25.2 d	Bm	<u>rtato</u> man
4.4	822 MHz				Freq Offset
Transmit Freq Error	-8.778 kHz	OBW Power	99.00	0 %	0 Hz

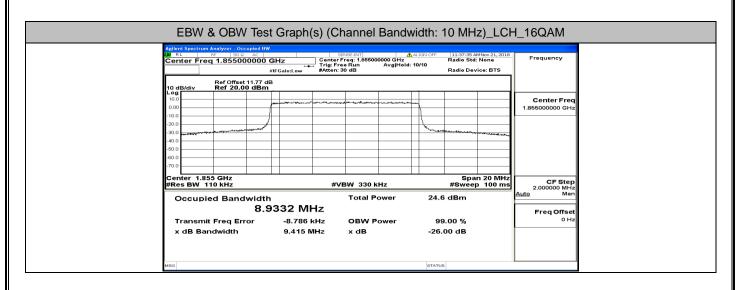
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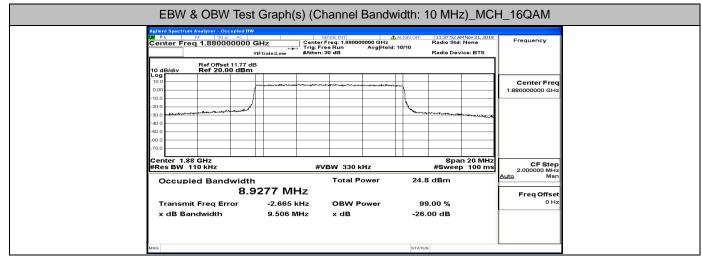




Agilent Spectrum Analyzer - Occupied BW		SENSE:INT		8:02 AM Nov 21, 2018	Frequency
Center Freq 1.905000000 G	GHz /IFGain:Low /IFGain:Low /IFGain:Low	Freq: 1.905000000 GHz ree Run Avg Hold: 10 : 30 dB	0/10	o Std: None o Device: BTS	Frequency
Ref Offset 11.84 dB 10 dB/div Ref 20.00 dBm Log	3		· · · ·		
0.00	and a state of the	and a second			Center Freq 1.905000000 GHz
-10.0 -20.0 -30.0			Museer marale	1000 - 100 - 10 - 10 - 10 - 10 - 10 - 1	
-40.0					
-60.0					
Center 1.905 GHz #Res BW 110 kHz	#1	/BW 330 kHz		Span 20 MHz veep 100 ms	CF Step 2.000000 MHz
Occupied Bandwidth 8.9	133 MHz	Total Power	25.7 dBn	n	Auto Man Freq Offset
Transmit Freq Error	-5.278 kHz 9.429 MHz	OBW Power x dB	99.00 % -26.00 di	-	0 Hz

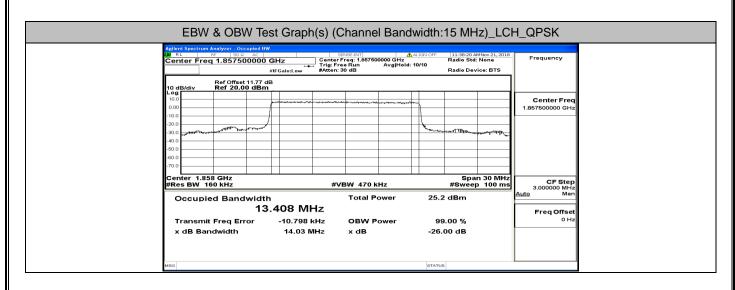
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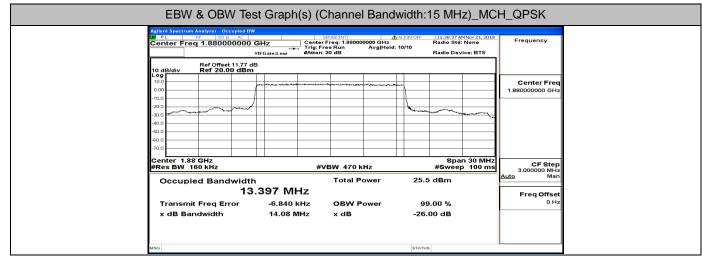




req: 1.905000000 GHz e Run Avg Hold: 10/10	Radio Std: None	
e Run Avg Hold: 10/10 0 dB	Radio Device: BTS	
and and a second s		Center Freq 1.905000000 GHz
	han a li	
3W 330 kHz	Span 20 MHz #Sweep 100 ms	CF Step 2.000000 MHz
Total Power 24.7	′ dBm	Auto Man Freq Offset
OBW Power 99	9.00 %	0 Hz
	BW 330 kHz Total Power 24.7	Span 20 MHz #Sweep 100 ms Total Power 24.7 dBm

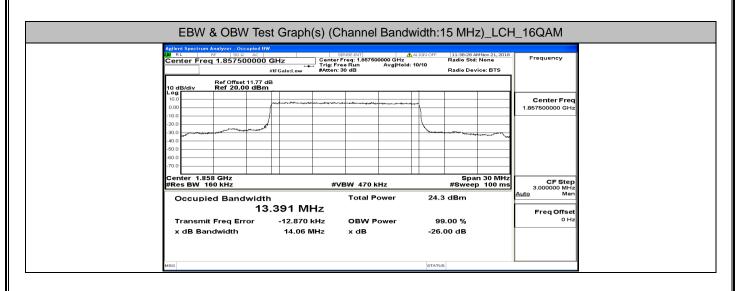
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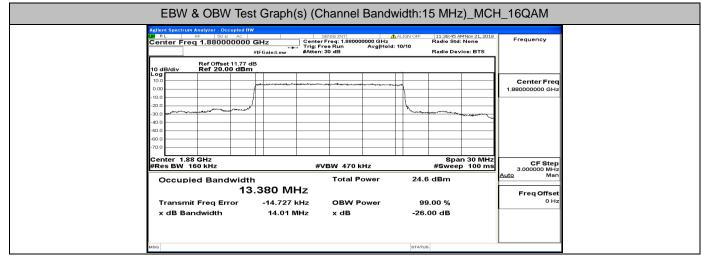




LX/RL RF 50Ω AC			ALIGN OFF 11:38:56 AM Nov 21, 2	Frequency
Center Freq 1.90250000	Trig: F	r Freq: 1.902500000 GHz ree Run Avg Hold : 30 dB	d: 10/10 Radio Std: None Radio Device: BTS	Frequency
Ref Offset 11.84	dB			
10 dB/div Ref 20.00 dB	m			
0.00	Marrison and an and all			Center Freq 1.902500000 GHz
-10.0				
-30.0			- man	
-40.0				
-60.0				_
-70.0				
Center 1.903 GHz #Res BW 160 kHz	#	VBW 470 kHz	Span 30 M #Sweep 100	
Occupied Bandwid	th	Total Power	25.4 dBm	<u>Auto</u> Man
1:	3.376 MHz			Freq Offset
Transmit Freq Error	-3.779 kHz	OBW Power	99.00 %	0 Hz
x dB Bandwidth	13.98 MHz	x dB	-26.00 dB	

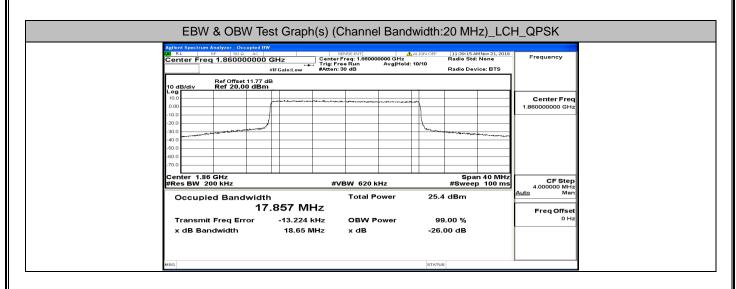
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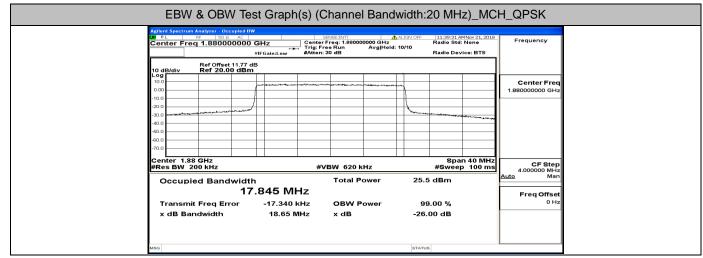




LX/ R L RF 50 Ω AC		ENSE:INT	ALIGN OFF	11:39:04 AMNov 21, 2018 Radio Std: None	Frequency
Center Freq 1.902500000	GHz Center #IFGain:Low #Atten:	ee Run Avg Hold:	: 10/10	Radio Std: None Radio Device: BTS	
Ref Offset 11.84 c 10 dB/div Ref 20.00 dBm					1
					Center Freq
0.00	for an and the second s	etalenara marene Marana Marana a			1.902500000 GHz
-20.0	1				
-30.0			Turk we what	and a second a second a second a	
-60.0					
-60.0					
Center 1.903 GHz #Res BW 160 kHz	#\	/BW 470 kHz		Span 30 MHz #Sweep 100 ms	CF Step
Occupied Bandwidt		Total Power	24.4		3.000000 MHz Auto Man
	.370 MHz				Freq Offset
Transmit Freq Error	-961 Hz	OBW Power		00 %	0 Hz
x dB Bandwidth	13.99 MHz	x dB	-26.0	0 dB	

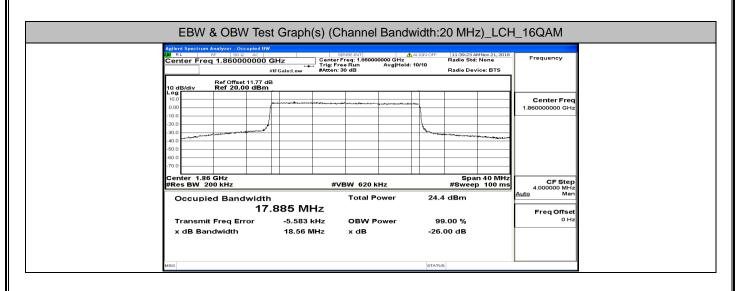
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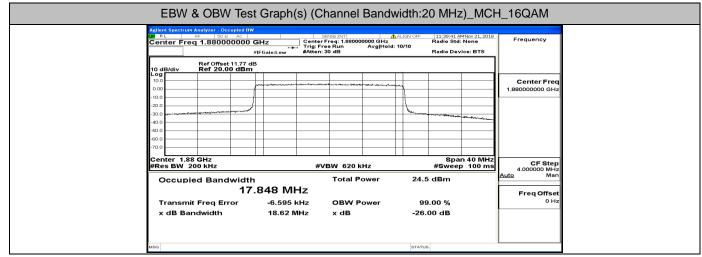




Agilent Spectrum Analyzer - Occupied B           LN         RL         RF         50 Ω         AC	9		ALIGN OFF 11:39:50 AM Nov 21, 2018	
Center Freq 1.90000000	GHz Center #IFGain:Low #Atten:	Freq: 1.900000000 GHz ee Run Avg Hold: 30 dB	Radio Std: None 10/10 Radio Device: BTS	Frequency
Ref Offset 11.84 ( 10 dB/div Ref 20.00 dBn Log			<u>.</u>	
0.00			-	Center Freq 1.90000000 GHz
-10.0 -20.0 -30.0				
-40.0				
-70.0				
Center 1.9 GHz #Res BW 200 kHz	#\	'BW 620 kHz	Span 40 MHz #Sweep 100 ms	4.000000 MHz
Occupied Bandwidt	<sup>h</sup> 7.855 MHz	Total Power	25.3 dBm	<u>Auto</u> Man
Transmit Freq Error	-9.357 kHz	OBW Power	99.00 %	Freq Offset 0 Hz
x dB Bandwidth	18.58 MHz	x dB	-26.00 dB	

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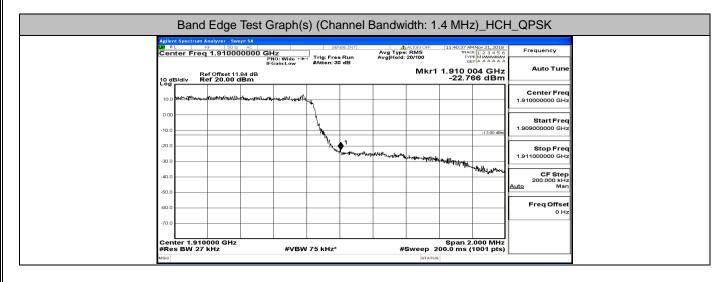


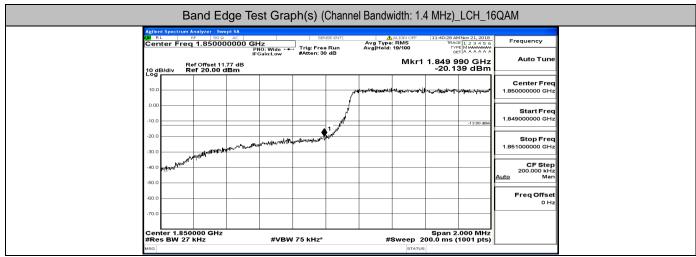
LX/RL RF 50Ω AC			ALIGN OFF 11:39:59 AM Nov 21, 20	18 Frequency
Center Freq 1.900000000	GHz Center #IFGain:Low #Atten:	Freq: 1.900000000 GHz ee Run Avg Hold 30 dB	: 10/10 Radio Std: None Radio Device: BTS	Frequency
Ref Offset 11.84 c 10 dB/div Ref 20.00 dBm				
Log 10.0				Center Freq
-10.0				1.90000000 GHz
-20.0				
-40.0				-w
-60.0				
Center 1.9 GHz			Span 40 Mł	
#Res BW 200 kHz	#\	/BW 620 kHz	#Sweep 100 n	4.000000 MHz
Occupied Bandwidt		Total Power	24.3 dBm	<u>Auto</u> Man
	.847 MHz		20.00 W	Freq Offset 0 Hz
Transmit Freq Error x dB Bandwidth	5.212 kHz 18.64 MHz	OBW Power x dB	99.00 % -26.00 dB	0112

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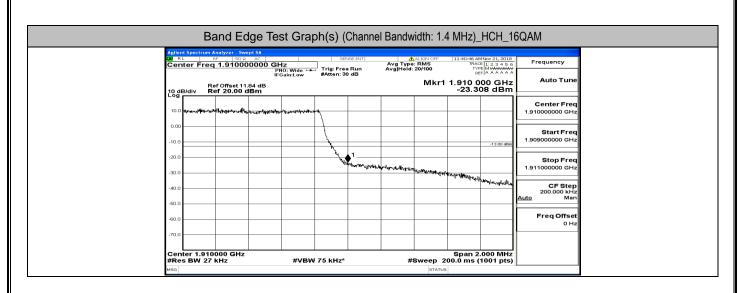
## A.4 Band Edge

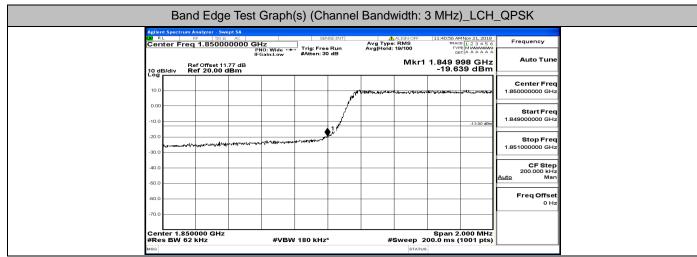
	Band Edge	Test Graph(s)	(Channel Ba	andwidth: 1.	.4 MHz)_LCF	I_QPSK	
100	ent Spectrum Analyzer - Sw RL RF 50 ฉ Inter Freq 1.85000		rig: Free Run A	ALIGN OFF Avg Type: RMS vg Hold: 20/100	11:40:19 AM Nov 21, 2018 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET A A A A A	Frequency	
	Ref Offset 11 dB/div Ref 20.00 (	IFGain:Low #4	Atten: 30 dB	Mkr1	1.849 830 GHz -19.229 dBm	Auto Tune	
Log 10.0				antesastrante or stronginismu	aterth/InsepatorialEngroundaryous	Center Freq 1.85000000 GHz	
0.0						Start Freq 1.849000000 GHz	
-10.0		Warrald mar and market and	1 And a state of the state of t		-13.00 dBm	Stop Freq	
-30.0	UN MARKEN	(Mr. Marine and				1.851000000 GHz	
-40.0	0 <b>k-1/10-11</b>					200.000 kHz Auto Man	
-60.0						Freq Offset 0 Hz	
-70.0 Ce	onter 1.850000 GHz				Span 2.000 MHz		
	es BW 27 kHz	#VBW 75	i kHz*	#Sweep 20	00.0 ms (1001 pts)		





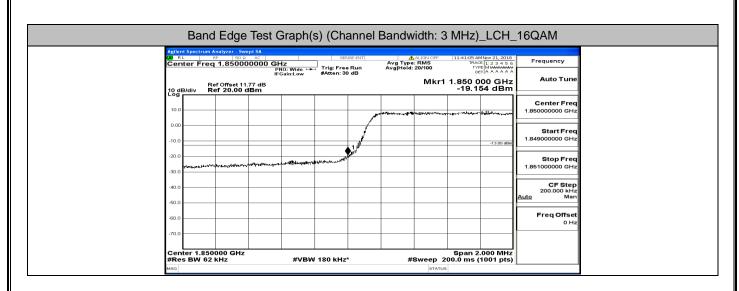
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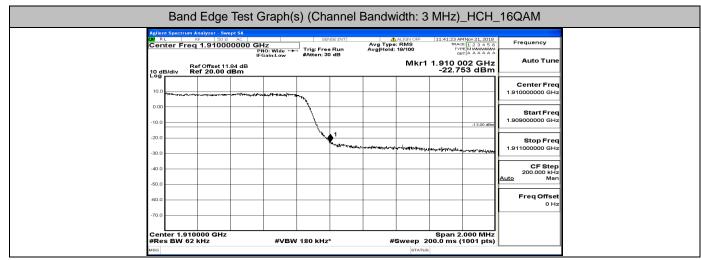




Agilent Spectrum A	d Edge Tes	st Graphi							_QPSK
	1.910000000	GHz		NSE:INT	Avg Type: Avg Hold:	ALIGN OFF	11:41:14 AM	E 1 2 3 4 5 6 E MWWWWW T A A A A A A	Frequency
	ef Offset 11.84 dB ef 20.00 dBm	PNO: Wide ++ IFGain:Low	#Atten: 3	0 dB	Avginoid.		1.910 0	02 GHz 79 dBm	Auto Tune
10.0	******ULInc								Center Freq 1.91000000 GHz
-10.0								-13.00 dBm	<b>Start Freq</b> 1.909000000 GHz
-20.0				1 Unit any mail from	n warden alve	usight arises, der	elv Merge-Brelinge	*#*Pf===~systellise=	<b>Stop Freq</b> 1.911000000 GHz
-40.0									CF Step 200.000 kHz <u>Auto</u> Man
+60.0									Freq Offset 0 Hz
-70.0	000 GHz						Snan 2	000 MHz	
Center 1.910 #Res BW 62		#VBW	180 kHz	*	#\$	Sweep 2		.000 MHz 1001 pts)	

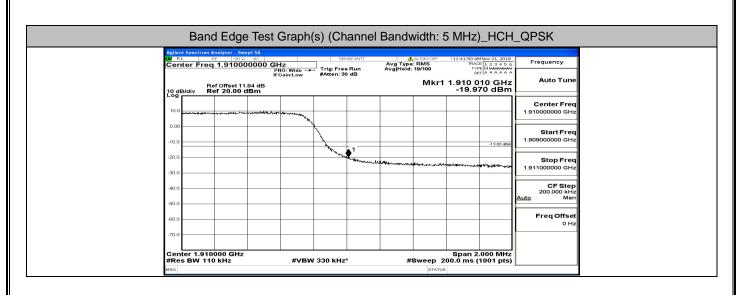
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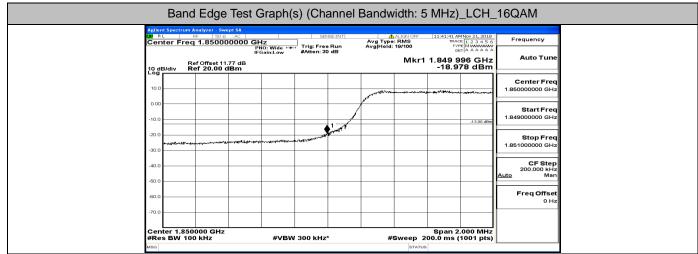




Agilent Spectrum Analyzer - Swept SA		QPSK
ON RL RF 50Ω AC SENSE:INT Center Freq 1.850000000 GHz PN0: Wide ↔ Trig: Free Run	ALIGN OFF 11:41:32 AMNov 21, 2018 Avg Type: RMS TRACE 12 3 4 5 6 Avg Hold: 20/100 TYPE MWWWWW DET A A A A A A	Frequency
IFCain:Low #Atten: 30 dB Ref Offset 11.77 dB 10 dB/div Ref 20.00 dBm	Mkr1 1.849 996 GHz -17.436 dBm	Auto Tune
10.0	Martin Carlo and a state of the second state o	Center Freq 1.85000000 GHz
10.0	-13.00 dBm	<b>Start Freq</b> 1.849000000 GHz
2000 300		<b>Stop Freq</b> 1.851000000 GHz
-40.0		CF Step 200.000 kHz uto Man
-60.0		Freq Offset 0 Hz
-70.0		

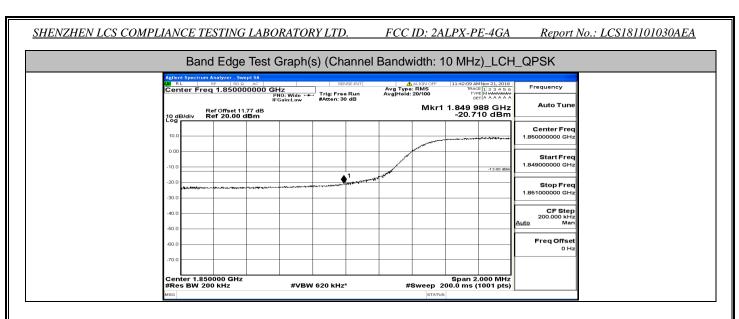
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			-		Graph(s	s) (Ch	annel	Bandw	idth: 5	MHz)	_HCH_	_16QAM
L)XI	RL	F		AC   00000 GH PN	IO: Wide ++		Run	Avg Type Avg Hold:	ALIGN OFF RMS 19/100	TRAC	HNov 21, 2018 E 1 2 3 4 5 6 E MWWWWWW T A A A A A A	Frequency
10 Lo	dB/	Re div <b>R</b> e	off Set 11	.84 dB	Sain:Low	#Atten: 3	о ав		Mkr1	1.910 0	00 GHz 97 dBm	Auto Tune
10			*******************************	www.www.	forday-wast.							Center Freq 1.910000000 GHz
-10					-164	N					-13.00 dBm	<b>Start Freq</b> 1.90900000 GHz
-20	.0					W.w. Mary	1	manyterhaultan				Stop Freq 1.911000000 GHz
-30										*****	<b>~</b> ∿~ <b>4</b> ∦∖⋬⋻⋏ <sub>⋑</sub> ⋏⋎	CF Step
-60	.0											200.000 kHz <u>Auto</u> Man
-60												Freq Offset 0 Hz
			000 GHz								.000 MHz	
#R		BW 100	KHZ		#VBW	300 kHz	*	#\$	Sweep 20	00.0 ms (	1001 pts)	

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Ва	nd Edge Test Gra	oh(s) (Channe	l Bandwidth: 1	10 MHz)_HCH	I_QPSK
LXI RL	um Analyzer - Swept SA RF 50 Q AC Feq 1.910000000 GHz PNO: W IFGain:L Ref Offset 11.94 dB Ref 20.00 dBm	de +++ Trig: Free Run w #Atten: 30 dB	ALIGN OFF Avg Type: RMS Avg Hold: 20/100 Mkr <sup>*</sup>	11:42:27 AMNov 21, 2018 IRACE 1 2 3 4 5 6 TYPE NAWWWW DET A A A A I 1.910 010 GHz -22.656 dBm	Frequency Auto Tune
10.0	maling to a second and the second an				Center Freq 1.910000000 GHz
-10.0		w		-13.00 dBm	Start Freq 1.909000000 GHz
-20.0		"""I The about the providence of the second	**************************************		Stop Freq 1.911000000 GHz
-40.0					CF Step 200.000 kHz <u>Auto</u> Man
-60.0					Freq Offset 0 Hz
	910000 GHz 180 kHz #	VBW 560 kHz*	#Sweep	Span 2.000 MHz 200.0 ms (1001 pts)	
MSG			STATU		

Agilent Spectrum Analyzer - Swept Si (XI R L RF 50 Ω AC	SENSE:IN	ALIGN OFF	11:42:18 AM Nov 21, 2018	Frequency
Center Freq 1.8500000	PNO: Wide +++ Trig: Free Run	Avg Type: RMS Avg Hold: 19/100	TRACE 123456 TYPE MWWWWW DET A A A A A A	Frequency
Ref Offset 11.77 of 10 dB/div Ref 20.00 dBm	IFGain:Low #Atten: 30 dB	Mkr1 1	.849 990 GHz -22.493 dBm	Auto Tune
10.0				Center Freq 1.85000000 GHz
0.00		and a second sec		Start Freq
-10.0	1		-13.00 dBm	1.849000000 GHz
		14000000000000000000000000000000000000		Stop Freq 1.851000000 GHz
-40.0				CF Step 200.000 kHz Auto Man
-60.0				
+60.0				Freq Offset 0 Hz
-70.0				

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