Report No.:LCS200410099AEC

Appendix C: Test Data for E-UTRA Band 4

Product Name: Battery Operated LTE Cellular GPS Tracker Trade Mark: Phillips Connect Technologies Test Model:Dagger67

Environmental Conditions

Temperature:	23.1° C
Relative Humidity:	53.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond.Lu
Supervised by:	Tom.Liu

C.1 Conducted Output Power

	Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)							
Madulation	Channel	RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Verdiet		
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict		
	1	0	23.09	22.37	PASS			
		1	3	22.96	22.35	PASS		
		1	5	22.81	22.17	PASS		
	LCH	3	0	22.97	22.25	PASS		
		3	2	22.93	22.17	PASS		
		3	3	22.82	22.05	PASS		
		6	0	22.67	21.79	PASS		
		1	0	23.27	22.66	PASS		
		1	3	23.24	22.62	PASS		
QPSK /		1	5	23.24	22.32	PASS		
16QAM	МСН	3	0	23.37	22.30	PASS		
IOQAM		3	2	23.32	22.26	PASS		
		3	3	23.22	21.93	PASS		
		6	0	22.26	21.05	PASS		
		1	0	23.77	22.32	PASS		
		1	3	23.90	22.53	PASS		
		1	5	23.74	22.49	PASS		
	НСН	3	0	23.62	22.34	PASS		
		3	2	23.74	22.40	PASS		
		3	3	23.66	22.32	PASS		
		6	0	22.56	21.88	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]	Vardiat	
wouldion	Channel	Size	Offset	QPSK	16QAM	Verdict	
		1	0	23.03	22.37	PASS	
		1	7	22.82	22.18	PASS	
		1	14	22.42	21.79	PASS	
	LCH	8	0	22.71	22.01	PASS	
		8	4	22.56	21.86	PASS	
		8	7	22.47	21.65	PASS	
		15	0	22.60	21.72	PASS	
		1	0	23.21	22.52	PASS	
	МСН	1	7	23.45	22.27	PASS	
QPSK /		1	14	23.18	22.09	PASS	
16QAM		8	0	22.17	21.05	PASS	
TOQAIVI		8	4	22.16	21.23	PASS	
		8	7	22.15	21.09	PASS	
		15	0	22.09	21.14	PASS	
		1	0	23.41	22.51	PASS	
		1	7	24.01	22.98	PASS	
		1	14	24.02	23.06	PASS	
	НСН	8	0	22.41	21.18	PASS	
		8	4	22.55	21.37	PASS	
		8	7	22.56	21.42	PASS	
		15	0	22.48	21.60	PASS	

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)							
Modulation Charact		RB Con	figuration	Average Power [dBm]	Average Power [dBm]	Vordict	
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict	
		1	0	23.01	22.44	PASS	
		1	12	22.59	22.05	PASS	
		1	24	22.15	21.63	PASS	
	LCH	12	0	22.67	21.85	PASS	
		12	6	22.48	21.70	PASS	
		12	13	22.20	21.43	PASS	
		25	0	22.40	21.55	PASS	
		1	0	23.10	22.43	PASS	
	MCH	1	12	23.38	22.34	PASS	
		1	24	23.66	22.35	PASS	
QPSK / 16QAM		12	0	22.23	21.29	PASS	
IOQAIVI		12	6	22.21	21.41	PASS	
		12	13	22.16	21.24	PASS	
		25	0	22.10	21.33	PASS	
		1	0	23.25	21.65	PASS	
		1	12	24.10	22.13	PASS	
		1	24	24.17	22.20	PASS	
	НСН	12	0	22.48	21.37	PASS	
		12	6	22.64	21.78	PASS	
		12	13	22.73	21.87	PASS	
		25	0	22.54	21.78	PASS	

	Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)							
Modulation Channel		RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict		
wooulation	Channel	Size	Offset	QPSK	16QAM	verdict		
		1	0	22.15	21.50	PASS		
		1	24	22.28	21.68	PASS		
		1	49	22.18	21.57	PASS		
	LCH	25	0	22.10	21.20	PASS		
		25	12	22.16	21.24	PASS		
		25	25	22.11	21.23	PASS		
		50	0	22.11	21.21	PASS		
		1	0	22.69	22.04	PASS		
	мсн	1	24	23.37	22.76	PASS		
QPSK /		1	49	23.35	22.82	PASS		
16QAM		25	0	22.27	21.31	PASS		
TOQAIN		25	12	22.25	21.28	PASS		
		25	25	22.06	21.19	PASS		
		50	0	22.16	21.29	PASS		
		1	0	22.28	21.78	PASS		
		1	24	23.30	22.83	PASS		
		1	49	23.75	23.27	PASS		
	нсн	25	0	22.31	21.30	PASS		
		25	12	22.64	21.72	PASS		
		25	25	22.70	21.73	PASS		
		50	0	22.44	21.43	PASS		

	Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)							
Madulation		RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdiet		
Modulation	Channel	Size	Offset	QPSK	16QAM	Verdict		
		1	0	21.96	21.30	PASS		
		1	37	22.52	21.88	PASS		
		1	74	23.08	22.44	PASS		
	LCH	37	0	21.92	21.01	PASS		
		37	18	22.39	21.50	PASS		
		37	38	22.99	22.07	PASS		
		75	0	22.42	21.53	PASS		
	МСН	1	0	22.87	22.24	PASS		
		1	37	23.23	22.69	PASS		
		1	74	23.32	22.76	PASS		
QPSK /		37	0	22.40	21.43	PASS		
16QAM		37	18	22.19	21.22	PASS		
		37	38	21.97	21.08	PASS		
		75	0	22.19	21.30	PASS		
		1	0	23.05	22.54	PASS		
		1	37	22.77	22.26	PASS		
		1	74	23.45	22.89	PASS		
	НСН	37	0	22.15	21.19	PASS		
		37	18	22.30	21.39	PASS		
		37	38	22.58	21.64	PASS		
		75	0	22.34	21.49	PASS		

	Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)							
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict		
MODUIATION	Channel	Size	Offset	QPSK	16QAM	Verdict		
	1	0	21.61	20.77	PASS			
		1	49	23.22	22.44	PASS		
		1	99	22.19	21.33	PASS		
	LCH	50	0	21.90	20.98	PASS		
		50	25	22.96	22.04	PASS		
		50	50	22.82	21.98	PASS		
		100	0	22.54	21.66	PASS		
		1	0	22.81	22.01	PASS		
		1	49	23.28	22.41	PASS		
QPSK /		1	99	22.80	21.30	PASS		
16QAM	МСН	50	0	22.42	21.49	PASS		
TOQAM		50	25	22.19	21.31	PASS		
		50	50	22.00	21.11	PASS		
		100	0	22.27	21.39	PASS		
		1	0	22.86	21.86	PASS		
		1	49	23.09	22.10	PASS		
		1	99	23.24	22.55	PASS		
	НСН	50	0	22.05	21.05	PASS		
		50	25	22.15	21.14	PASS		
		50	50	22.42	21.19	PASS		
		100	0	22.27	21.32	PASS		

C.2 Peak-to-Average Ratio

	Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channel	[dB]	[dB]	verdict				
	LCH	5.17	<13	PASS				
QPSK	MCH	5.25	<13	PASS				
	НСН	5.13	<13	PASS				
	LCH	5.97	<13	PASS				
16QAM	MCH	6.1	<13	PASS				
	НСН	5.97	<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	5.39	<13	PASS				
QPSK	MCH	5.31	<13	PASS				
	НСН	5.3	<13	PASS				
	LCH	6.18	<13	PASS				
16QAM	MCH	6.18	<13	PASS				
	НСН	6.02	<13	PASS				

	Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Granner	[dB]	[dB]	Verdict				
	LCH	5.71	<13	PASS				
QPSK	MCH	5.3	<13	PASS				
	НСН	5.26	<13	PASS				
	LCH	6.25	<13	PASS				
16QAM	MCH	6.1	<13	PASS				
	НСН	6.05	<13	PASS				

	Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
Modulation	Channel	[dB]	[dB]	Verdict				
	LCH	5.77	<13	PASS				
QPSK	MCH	5.26	<13	PASS				
	НСН	5.33	<13	PASS				
	LCH	6.15	<13	PASS				
16QAM	MCH	6.04	<13	PASS				
	НСН	6.03	<13	PASS				

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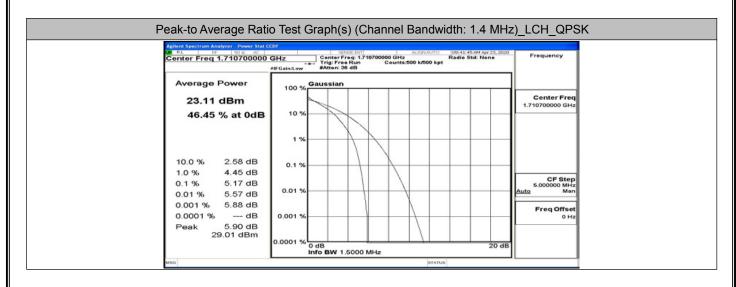
Report No.:LCS200410099AEC

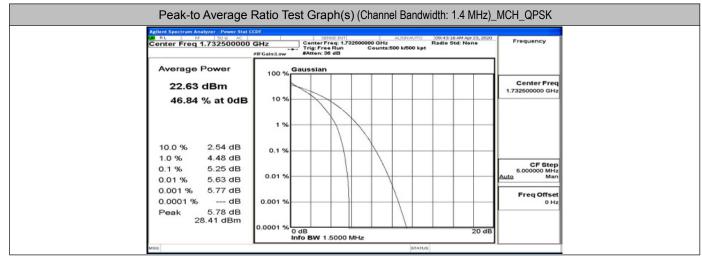
	Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)							
Modulation	Channel	Peak-to-Average Ratio	Limit	Verdict				
wouldton	Channer	[dB]	[dB]	Verdici				
	LCH	5.44	<13	PASS				
QPSK	MCH	4.99	<13	PASS				
	НСН	5.01	<13	PASS				
	LCH	6.35	<13	PASS				
16QAM	MCH	6.19	<13	PASS				
	НСН	6.2	<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	5.81	<13	PASS
QPSK	MCH	5.73	<13	PASS
	HCH	5.83	<13	PASS
	LCH	6.73	<13	PASS
16QAM	MCH	6.71	<13	PASS
	НСН	6.68	<13	PASS

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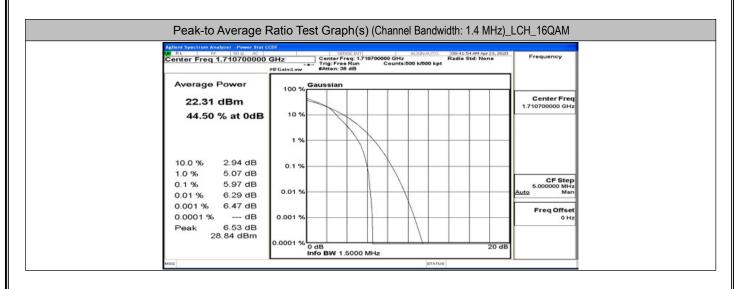


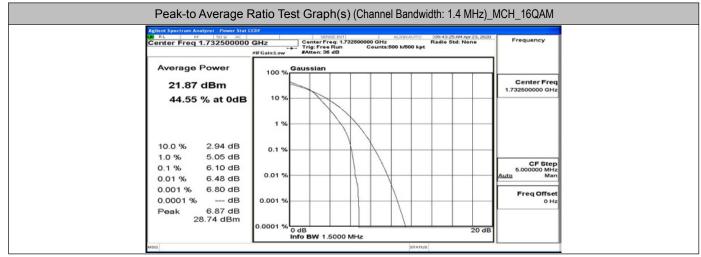


Average Power Counts:000 k600 kpt 23.11 dBm 100 % Gaussian 47.96 % at 0dB 10 % 10 % 10.0 % 2.53 dB 0.1 % 0.1 % 5.13 dB 0.01 % 0.01 % 5.61 dB 0.01 %	Agilent Spectrum Analyzer - Power Stat C RE NF 50 2 AC Center Freq 1.754300000	GHz Center Fred: 1.764300000 GHz Radio Std: None	Frequency
23.11 dBm 100 % Center Freq 47.96 % at 0dB 10 % 1 % 1 % 10.0 % 2.53 dB 1.1% 1 % 10.0 % 2.53 dB 0.1 % 0.1 % 0.1 % 5.13 dB 0.01 % 0.01 % 0.001 % 5.61 dB 0.01 % Freq Offset		Trig: Free Run Counts:500 k/500 kpt	
23.11 dBm Center Freq 1.754300000 GHz 47.96 % at 0dB 10 % 10.0 % 2.53 dB 0.1 % 0.1 % 0.1 % 0.1 % 0.01 % 5.47 dB 0.01 % 5.61 dB	Average Power	100 % Gaussian	
10.0 % 2.53 dB 0.1 % 1.0 % 4.37 dB 0.1 % 0.1 % 5.13 dB 0.01 % 0.001 % 5.647 dB 0.01 %			Center Freq 1.754300000 GHz
10.0 % 2.53 dB 0.1 % 0.1 % 1.0 % 4.37 dB 0.1 % 0.1 % 0.1 % 5.13 dB 0.01 % 0.01 % 0.01 % 5.47 dB 0.01 % Freq Offset	47.56 % at 00B		
1.0 % 4.37 dB 0.1 % CF Step 0.1 % 5.13 dB 0.01 % CF Step 0.01 % 5.47 dB 0.01 % Freq Offset		1 %	
0.1 % 5.13 dB 0.01 % 5.47 dB 0.001 % 5.61 dB 0.01 % Freq Offset		0.1 %	
FreqOffset	0.1 % 5.13 dB	0.01 %	CF Step 5.000000 MHz Auto Man
Peak 5.70 dB	0.0001 % dB	0.001 %	Freq Offset 0 Hz

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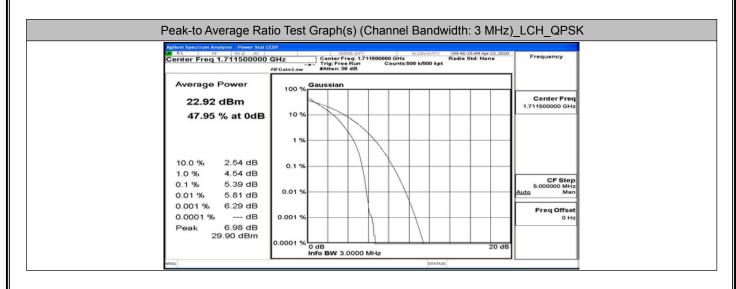


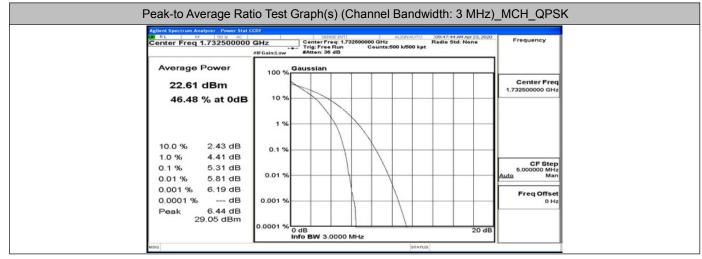


Peak-to Average F	Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)	HCH_16QAM
Genter Freq 1.754300000	#EGainLow #Atten: 36 dB	Frequency
22.10 dBm 45.17 % at 0dB	10 %	Center Freq 1.764300000 GHz
10.0 % 2.87 dB 1.0 % 4.97 dB 0.1 % 5.97 dB	0.1 %	CF Step 5.00000 MHz
0.01 % 6.33 dB 0.001 % 6.54 dB 0.0001 % dB Peak 6.58 dB	0.01 %	Freq Offset 0 Hz
28.68 dBm	0.0001 % 0 dB 20 dE	4

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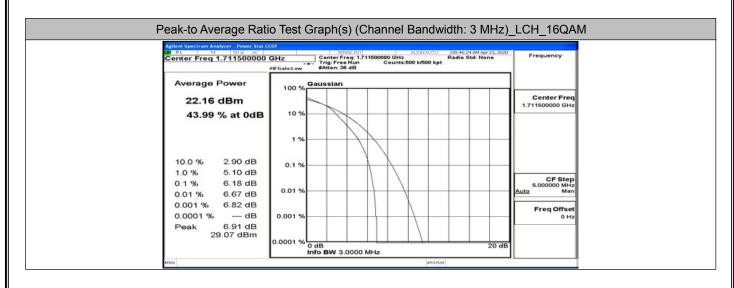


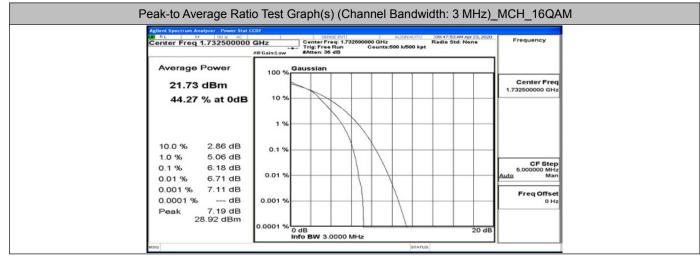


Agilent Spectrum Analyzer - Power Stat C R RL RP SO 2 AC Center Freq 1.753500000	GHz Center Freg: 1.763500000 GHz Radio Std: None	2020 Frequency
	#IFGain:Low #Atten: 36 dB	_
Average Power	100 % Gaussian	
23.01 dBm 46.82 % at 0dB	10 %	Center Freq 1.753500000 GHz
10.0 % 2.42 dB 1.0 % 4.38 dB	1 % 0.1 %	_
0.1 % 5.30 dB 0.01 % 5.78 dB 0.001 % 6.12 dB	0.01 %	CF Step 5.000000 MHz Auto Man
0.0001 % dB Peak 6.26 dB	0.001 %	Freq Offset 0 Hz
20.27 dBm	0.0001 % 0 dB 20	dB

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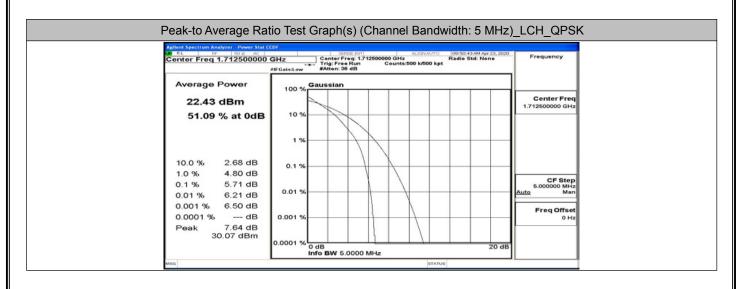


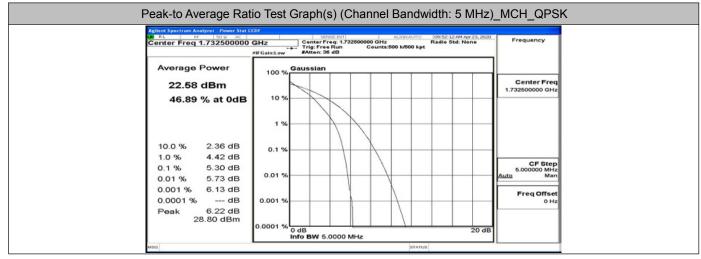


Applent Spectrum Analyzer - Power Stat C Rt RP 30 Q AC Center Freq 1.753500000	SENSEINT ALIGNAUTO 09:49:22 AM Apr	
Average Power	100 % Gaussian	
22.08 dBm 44.42 % at 0dB	10 %	Center Freq 1.753500000 GHz
10.0 % 2.86 dB 1.0 % 4.97 dB	0.1 %	
0.1 % 6.02 dB 0.01 % 6.52 dB 0.001 % 6.91 dB	0.01 %	CF Step 5.000000 MHz Auto Man
0.0001 % dB Peak 7.28 dB 29.36 dBm	0.001 %	Freq Offset 0 Hz
	0.0001 % 0 dB Info BW 3.0000 MHz	20 dB

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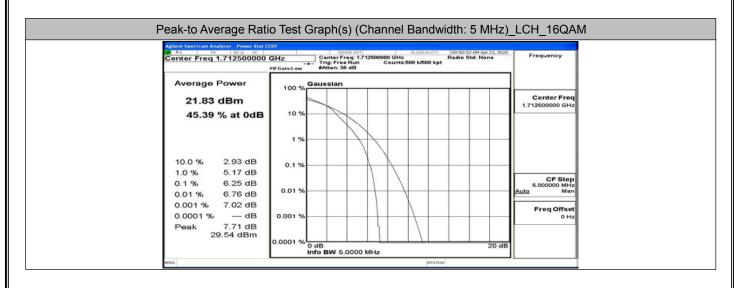


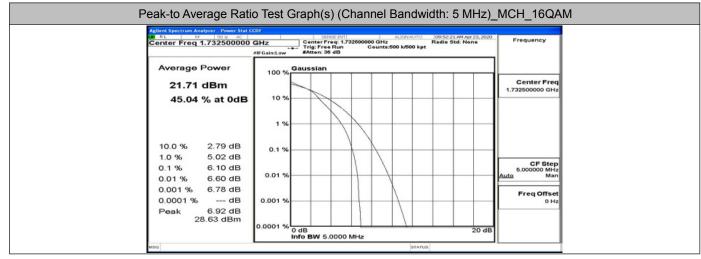


Agilent Spectrum Analyzer - Pewer Stat C	SENSE:INT ALIGNAUTO 09:	53:41 AM Apr 23, 2020	Frequency
Center Freq 1.752500000	GHz Center Freq: 1.762500000 GHz Rad sIFGain:Low FAtten: 36 dB Rad	lie Std: None	, requercy
Average Power	100 % Gaussian		
23.09 dBm			Center Freq 1.752500000 GHz
46.92 % at 0dB	10 %		
	1 %		
10.0 % 2.35 dB	0.1 %		
1.0 % 4.39 dB 0.1 % 5.26 dB 0.01 % 5.73 dB	0.01 %		CF Step 5.000000 MHz Auto Man
0.001 % 5.95 dB 0.0001 % dB	0.001 %		Freq Offset 0 Hz
Peak 6.03 dB 29.12 dBm	0.0001 %		
	0 dB Info BW 5.0000 MHz	20 dB	

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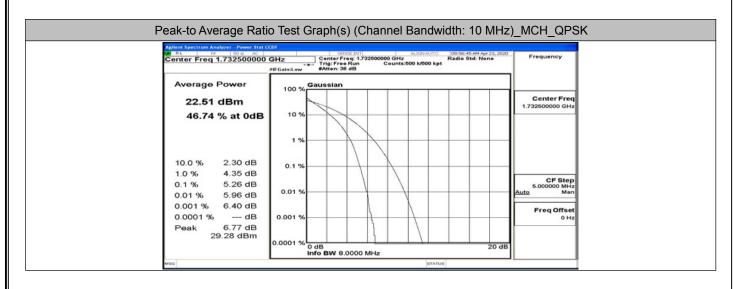
Aglient Spectrum Analyzer - Power Stat		
Center Freq 1.752500000 Average Power	GHz Center Frei, 1.762600000 GHz Ratio 00 Start AM Ac23, 2 Center Frei, 1.762600000 GHz Radie Std: None #IF Gaincl.ow Start Run Counts:500 M/500 kpt Radie Std: None Gaussian	Frequency
22.30 dBm 45.00 % at 0dB	100 % Gaussian 10 %	Center Freq 1.762600000 GHz
	1 %	-
10.0 % 2.80 dB 1.0 % 5.03 dB	0.1 %	CF Step
0.1 % 6.05 dB 0.01 % 6.57 dB 0.001 % 6.83 dB	0.01 %	Auto Man
0.0001 % dB Peak 6.92 dB 29.22 dBm	0.001 %	Freq Offset 0 Hz
	0.0001 % 0 dB 20 Info BW 6.0000 MHz	IB

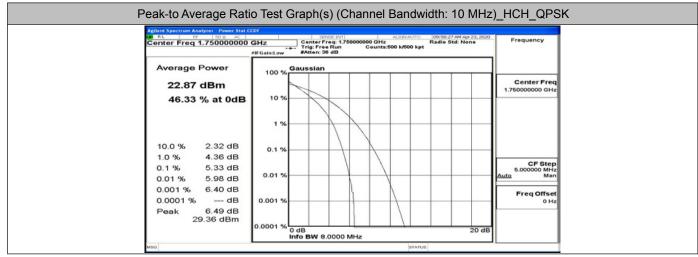
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK

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Center Freq 1.715000000	IFGain:Low #Atten: 36 dB	
Average Power	100 % Gaussian	
22.12 dBm	10 %	Center Freq 1.715000000 GHz
51.58 % at 0dB	1 %	
1.0 % 4.76 dB 0.1 % 5.77 dB 0.01 % 6.42 dB 0.001 % 6.87 dB 0.0001 % dB	0.01 %	CF Step 5.00000 MHz Auto Man Freq Offset
Peak 9.85 dB	0.001% 0.0001% 0 dB 10 fo BW 8.0000 MHz 20 dB	0 Hz

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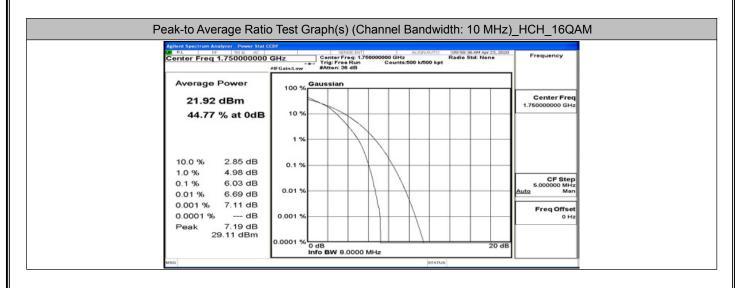
Agblent Spectrum Analyzer, Dower Stat RL NP 1500 AC Center Freq 1.715000000	SENSE:INT ALIGN AUTO 09:55:22 AM Apr 23,	Frequency
Average Power 21.62 dBm 44.90 % at 0dB	100 % Gaussian	Center Freq 1.715000000 GHz
10.0 % 2.87 dB	1 % 0.1 %	
1.0 % 5.04 dB 0.1 % 6.15 dB 0.01 % 6.87 dB 0.001 % 7.35 dB	0.01 %	CF Step 5.000000 MHz Auto Man
0.0001 % dB Peak 7.63 dB 29.25 dBm	0.001 %	Freq Offset
	0.0001 % 0 dB 20 Info BW 8.0000 MHz 20	dB

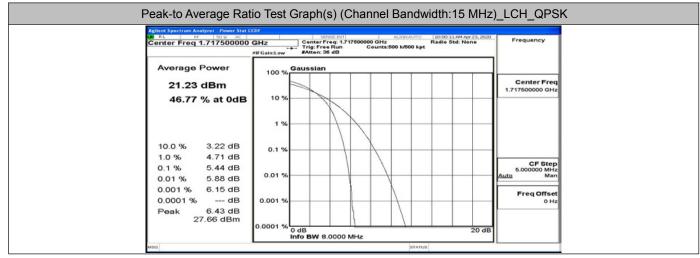
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM

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21.60 dBm 10 % 45.09 % 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 % 0.1 % 0.1 % 0.1 % 0.01 % 0.01 % 0.001 % 0.001 % Peak 7.39 dB		GHZ Center Free I.732500000 GHZ Radio Std: None Trig: Free Run Counts:500 k/500 kpt #IF Gain:Low #Atten: 36 dB	Frequency
10.0 % 2.81 dB 0.1 % 0.1 % 1.0 % 4.95 dB 0.1 % 0.1 % 0.1 % 6.04 dB 0.01 % 5.00000 MHz 0.01 % 6.75 dB 0.01 % 6.001 % 0.001 % 7.08 dB 0.001 % Freq Offset 0.001 % dB 0.001 % 0.001 %			
1.0 % 4.95 dB 0.1 % CF Step 0.1 % 6.04 dB 0.01 % CF Step 0.01 % 6.75 dB 0.01 % Man 0.001 % 7.08 dB 0.001 % Freq Offset 0.0001 % dB 0.001 % 0.01 % Peak 7.39 dB 0.001 % 0.001 %		1 %	
0.01 % 6.75 dB 0.01 % Auto Man 0.001 % 7.08 dB 0.001 % dB 0.001 % Freq Offset 0 Hz	1.0 % 4.95 dB	0.1 %	CF Step
Peak 7.39 dB	0.01 % 6.75 dB 0.001 % 7.08 dB		Auto Man Freq Offset
0.0001 % 0 dB 20 dB Info BW 8.0000 MHz	Peak 7.39 dB 28.99 dBm	0.0001 % 0 dB 20 dB	0 Hz

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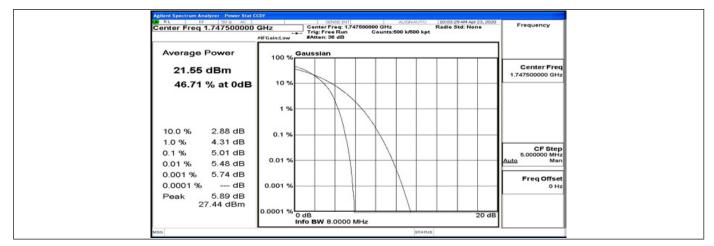




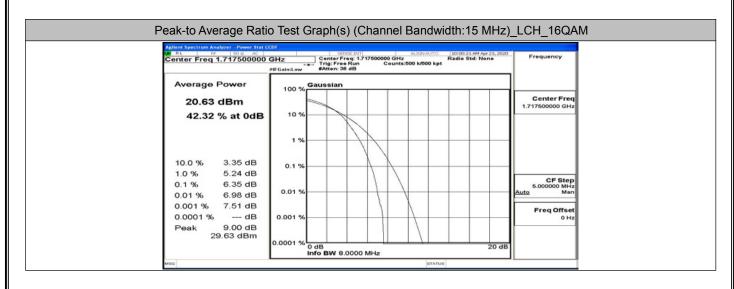
Agilent Spectrum Analyzer - Power Stat C	COJ SENSE INTI ALIONAUTO 10:01:50 AM Acr 23.	0202
Center Freq 1.732500000		Frequency
Average Power	100 % Gaussian	
21.41 dBm		Center Freq 1.732500000 GHz
46.79 % at 0dB	1 %	
10.0 % 2.90 dB 1.0 % 4.30 dB	0.1 %	
0.1 % 4.99 dB 0.01 % 5.44 dB	0.01 %	CF Step 5.000000 MHz Auto Man
0.001 % 5.75 dB 0.0001 % dB	0.001 %	Freq Offset 0 Hz
Peak 5.88 dB 27.29 dBm	0.0001 % 0 dB 20	dB

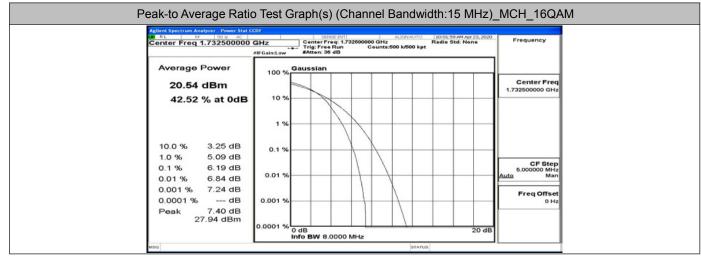
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK

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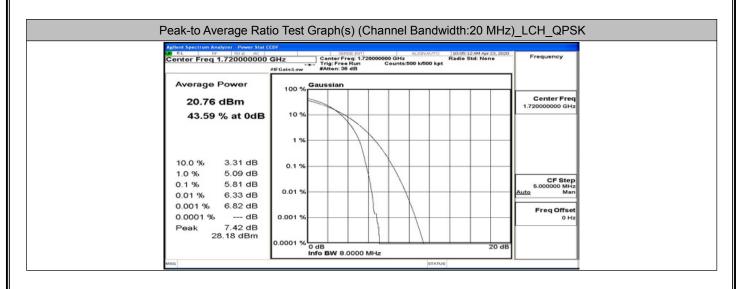


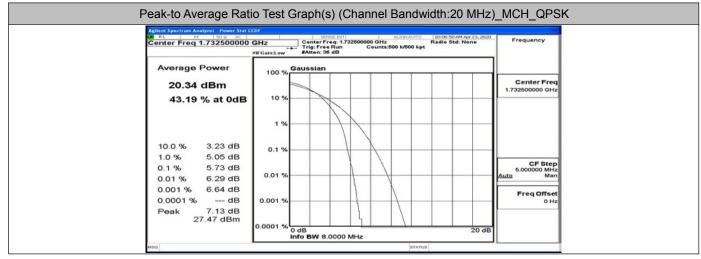


Aplent Spectrum Analyzer, Power Stat C 8 Au III So o Ac Center Freq 1.747500000	SENSE:INT ALIGN AUTO 10:03:38 AM Apr 23, 2020	Frequency
Average Power 20.67 dBm 42.48 % at 0dB	100 % Gaussian	Center Freq 1.747500000 GHz
10.0 % 3.26 dB 1.0 % 5.09 dB	0.1 %	
0.1 % 6.20 dB 0.01 % 6.91 dB 0.001 % 7.32 dB	0.01 %	CF Step 5.000000 MHz Auto Man Freq Offset
0.0001 % dB Peak 7.60 dB 28.27 dBm	0.001 % 0.0001 % 0 dB 0 dB 0 dB 20 dB	0 Hz

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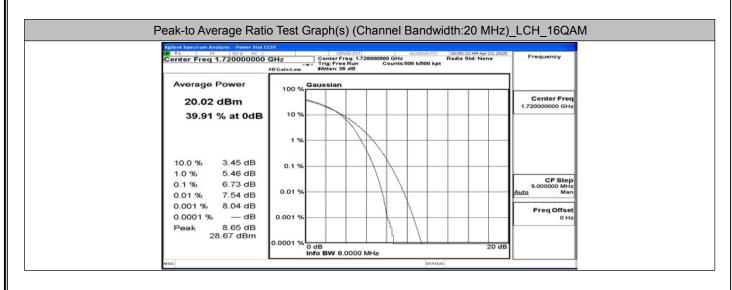


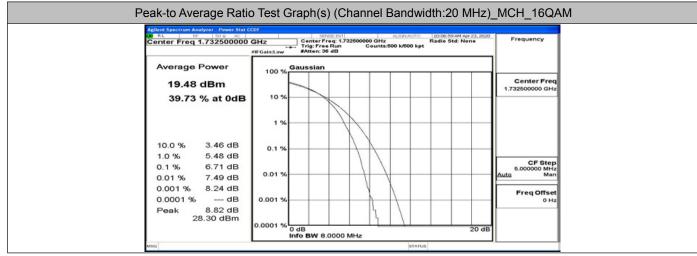


Agilent Spectrum Analyzer - Power Stat C		AM Apr 23, 2020	
Center Freq 1.745000000	td: None F	requency	
Average Power	100 % Gaussian		
20.22 dBm			Center Freq 45000000 GHz
43.18 % at 0dB	10 %		
	1 %		
10.0 % 3.27 dB	0.1%		
1.0 % 5.13 dB 0.1 % 5.83 dB 0.01 % 6.29 dB	0.01 %	Auto	CF Step 5.000000 MHz Man
0.001 % 6.63 dB 0.0001 % dB Peak 6.71 dB	0.001 %		Freq Offset 0 Hz
26 02 dBm	0.0001 % 0 dB	20 dB	

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Agilent Spectrum Analyzer - Power Stat 0							
	M AL IP S00 AC Strengtht ALRANTO ID0083744Acr23, 2020 Center Freq 1.745000000 GHz Center Freq: 1.745000000 GHz Radio Std: None #IFGaint.ow #IFGaint.ow #Atten: 36 dB Average Power 100 % Gaussian						
19.33 dBm 39.44 % at 0dB	100 %	Center Freq 1.745000000 GHz					
10.0 % 3.52 dB 1.0 % 5.56 dB	0.1 %						
0.1 % 6.68 dB 0.01 % 7.42 dB 0.001 % 7.92 dB	0.01 %	CF Step 5.000000 MHz Auto Man					
0.0001 % dB Peak 8.58 dB 27.91 dBm	0.001 % 0 dB	Preq Offset 0 Hz					
	Info BW 8,0000 MHz	0 88					

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C.3 26dB Bandwidth and Occupied Bandwidth

	EBW & OBW Te	est Result (Channel Band	st Result (Channel Bandwidth: 1.4 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict				
wooulation	Channel	(MHz)	(MHz)	Verdict				
	LCH	1.0786	1.236	PASS				
QPSK	MCH	1.0749	1.200	PASS				
	НСН	1.0788	1.233	PASS				
	LCH	1.0797	1.252	PASS				
16QAM	MCH	1.0795	1.243	PASS				
	НСН	1.0786	1.224	PASS				

	EBW & OBW T	est Result (Channel Ban	dwidth: 3 MHz)	
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
woodlation	Ghannei	(MHz)	(MHz)	Verdict
	LCH	2.6825	2.882	PASS
QPSK	MCH	2.6864	2.896	PASS
	HCH	2.6857	2.910	PASS
	LCH	2.6890	2.886	PASS
16QAM	MCH	2.6841	2.886	PASS
	НСН	2.6878	2.910	PASS

	EBW & OBW T	est Result (Channel Ban	Result (Channel Bandwidth: 5 MHz)					
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict				
wouldton	Granner	(MHz)	(MHz)	Verdict				
	LCH	4.4819	4.830	PASS				
QPSK	MCH	4.4727	4.762	PASS				
	НСН	4.4715	4.761	PASS				
	LCH	4.4715	4.852	PASS				
16QAM	МСН	4.4795	4.780	PASS				
	НСН	4.4802	4.826	PASS				

	EBW & OBW Te	Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict				
Modulation	Channel	(MHz)	(MHz)	verdict				
	LCH	8.9452	9.507	PASS				
QPSK	MCH	8.9281	9.453	PASS				
	НСН	8.9281	9.439	PASS				
	LCH	8.9407	9.457	PASS				
16QAM	MCH	8.9409	9.421	PASS				
	НСН	8.9186	9.431	PASS				

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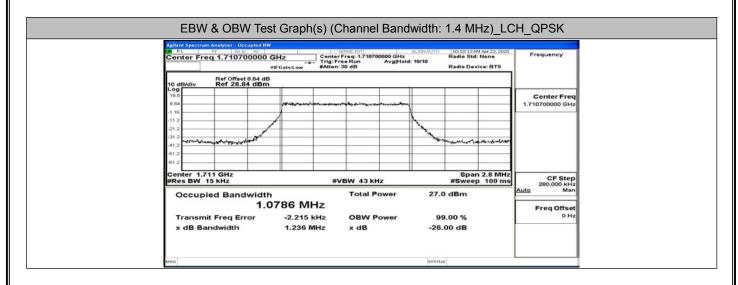
Report No.:LCS200410099AEC

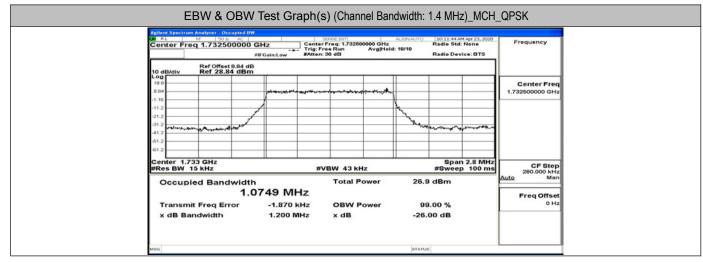
	EBW & OBW Te		OBW Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict					
wouldtion	Channer	(MHz)	(MHz)	Verdict					
	LCH	13.404	14.01	PASS					
QPSK	MCH	13.386	13.98	PASS					
	НСН	13.413	14.10	PASS					
	LCH	13.389	14.07	PASS					
16QAM	MCH	13.402	14.08	PASS					
	НСН	13.410	13.99	PASS					

	EBW & OBW Te	est Result (Channel Band		
Modulation	Channel	Occupied Bandwidth	26dB Bandwidth	Verdict
MODUIATION	Ghannei	(MHz)	(MHz)	Verdict
	LCH	17.812	18.53	PASS
QPSK	MCH	17.837	18.63	PASS
	НСН	17.832	18.67	PASS
	LCH	17.813	18.54	PASS
16QAM	MCH	17.829	18.58	PASS
	HCH	17.847	18.59	PASS

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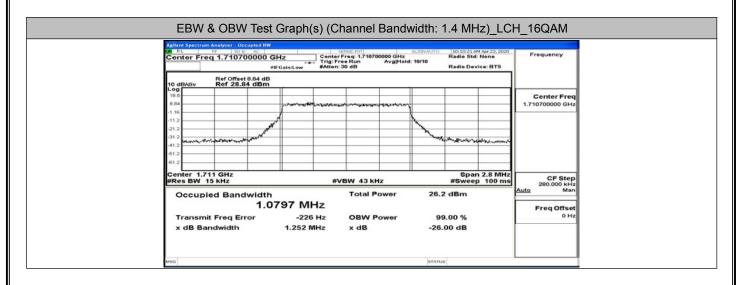


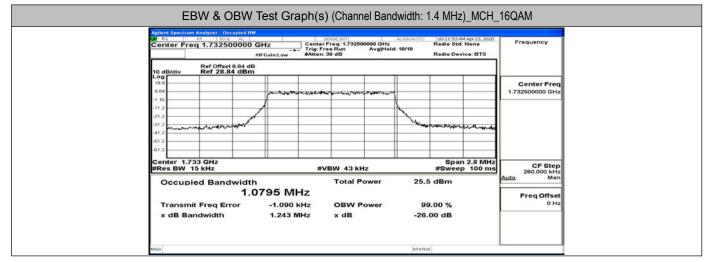


Aglent Spectrum Analyzer - Occupied UW A RL DF S0 AC SPECENT ALIGNAUTO 10:13:36 AM Agr 23, 2020 Center Freq 1.754300000 GHz Radio Std: None Radio Std: None						
	Tria: Fre	Trig: Free Run Avg Hold: 10/10 #Atten: 30 dB Radio Device: BTS				
Ref Offset 8.84 dB						
10.0 8.84		-		Center Freq		
-1.16	1			1.75450000 012		
-11.2 -21.2			1 m.			
-31.2 hopen and stern the sector			" Show and so the second			
-61.2						
Center 1.754 GHz #Res BW 15 kHz	#	BW 43 kHz	Span 2.8 Mł #Sweep 100 n	CF Step		
Occupied Bandwidt		Total Power	27.1 dBm	280.000 kHz Auto Man		
1.	0788 MHz			Freq Offset		
Transmit Freq Error	-1.061 kHz 1.233 MHz	OBW Power x dB	99.00 % -26.00 dB	0 Hz		

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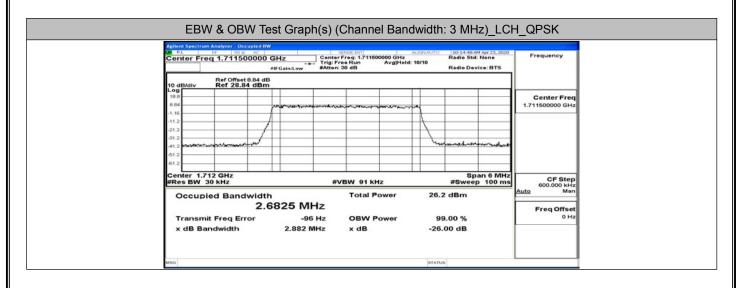


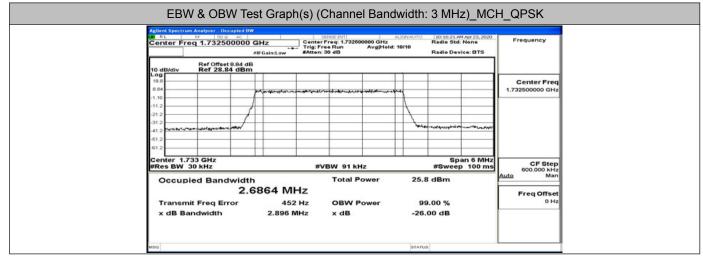


RL INF SD B AC SENSE INTI ALIGNANTO 1913/25 AM Agr 23, 2020 Center Freq 1.754300000 GHz Center Freq: 1.754300000 GHz Center Freq: 1.764300000 GHz Radio Std: None							
	#IFGain:Low #Atten: 30 dB Radio Device: BTS Ref Offset 8.84 dB						
10 dB/div Ref 28.84 dB/ Log 18.0	m				Center Free		
8.84	and an and a second second	and the state of t			1.754300000 GHz		
-11.2	- A			-			
31.2 myun portion to all any all	ur l		mennon	-			
-41.2							
61.2							
Center 1.754 GHz #Res BW 15 kHz	#V	BW 43 kHz		an 2.8 MHz ep 100 ms	280.000 KHZ		
Occupied Bandwid		Total Power	26.1 dBm		Auto Man		
	.0786 MHz				Freq Offset 0 Hz		
Transmit Freq Error x dB Bandwidth	1.559 kHz 1.224 MHz	OBW Power x dB	99.00 % -26.00 dB		0 Hz		

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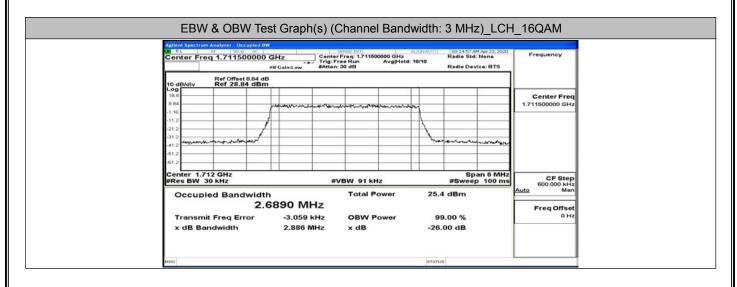


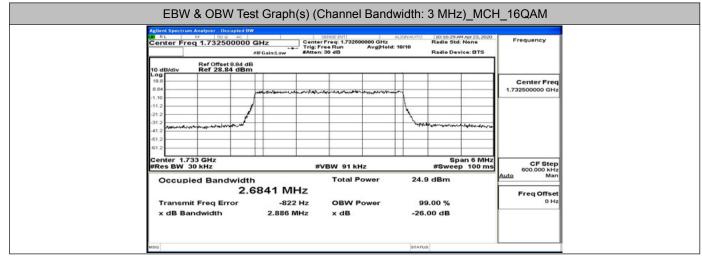


Aptent Spectrum Analyzer - Occupied IIW 20 AL BF 50 G AC SERVECINT ALTONAUTO 1013752 AM Apr23, 2020 Center Freq 1.753500000 GHz Center Freq: 1.753500000 GHz Radie Std: Nene								Frequency		
	#IFGain:Low	#Atten: 3		Avg Held: 1	10/10	Radio Dev	rice: BTS			
10 dB/div Ref Offset 8.84 d Ref 28.84 dBn										
10.0 8.84	and and an owner the second	an Allowing and	the speciality had	tot warms				Center Fred 1.753500000 GHz		
-1.16	1									
-21.2					1					
-11.2 Martine martine mint					~	a Millenberg Inco	minund			
-61.2										
Center 1.754 GHz #Res BW 30 kHz		#VE	SW 91 KH	z			an 6 MHz o 100 ms	CF Step 600.000 kHz		
Occupied Bandwidt	h		Total P	ower	26.	1 dBm		Auto Man		
2.	6857 MI	Ηz						Freq Offset		
Transmit Freq Error	853	Hz	OBW P	ower		9.00 % .00 dB		0 Hz		

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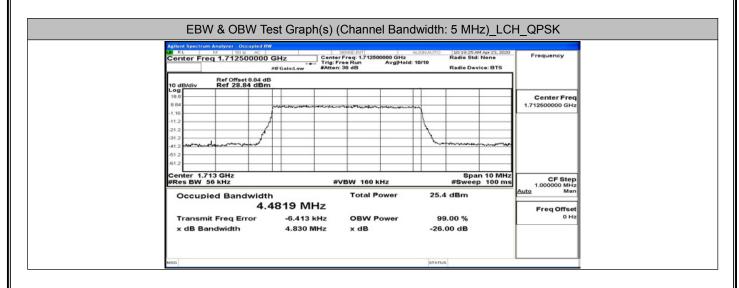


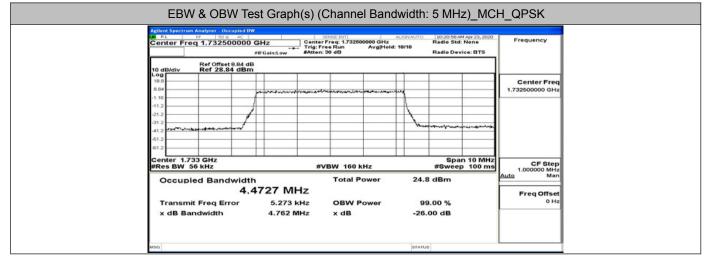


RL RF SD 0 AC SENSE INT ALIONANTO 10:18:01 AM Aer 23, 2020 Center Freq 1.753500000 GHz Center Freq: 1.753500000 GHz Radie Std: None								Frequency			
Ref Offset 8.84 d	#IFGain:Low	#Atten: 3) dB			Radio Devi	ice: BTS				
10 dB/div Ref 28.84 dBr	n .										
8.84	-	- frances	Annon and	man	-			Center Freq 1.753500000 GHz			
-11.2	A				A						
-21.2 -31.2					here	maland man					
-41.2											
-61.2											
Center 1.754 GHz #Res BW 30 kHz		#VE	W 91 kH	z			an 6 MHz > 100 ms	CF Step 600.000 kHz			
Occupied Bandwidt			Total Pe	ower	25.4	dBm		Auto Man			
	6878 MH							Freq Offset			
Transmit Freq Error x dB Bandwidth	1.442 k 2.910 M		OBW P	ower		9.00 % 00 dB		0 Hz			

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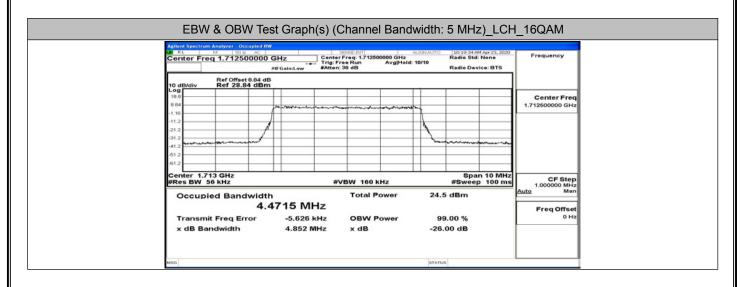


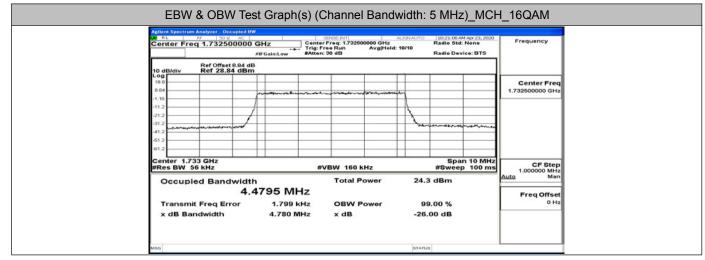


M AL IP Solo AC SERVERTI ALIVENTO 102323/44423,020 Center Freq 1.7525000000 GHz Center Freq 1.752500000 GHz Radio Std: None Radio Std: None #Efficient www #Atten: 30 dB Radio Std: None Radio Std: None					
10 dB/div Ref 28,84 d	4 dB	Atten: 30 dB	Radio Device: BTS		
10.0 8.84				Center Free 1.762500000 GHz	
-1.16 -11.2 -21.2				_	
312 412 512					
61.2 Center 1,753 GHz			Span 10 M	Hz	
#Res BW 56 kHz		#VBW 160 kHz	#Sweep 100	ns 1.000000 MHz	
Occupied Bandwi	dth 4.4715 MHz	Total Power	25.6 dBm	Auto Man Freg Offset	
Transmit Freg Error	-634 Hz	OBW Power	99.00 %	0 Hz	

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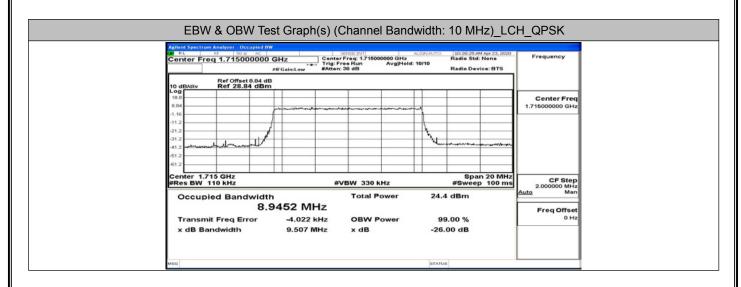


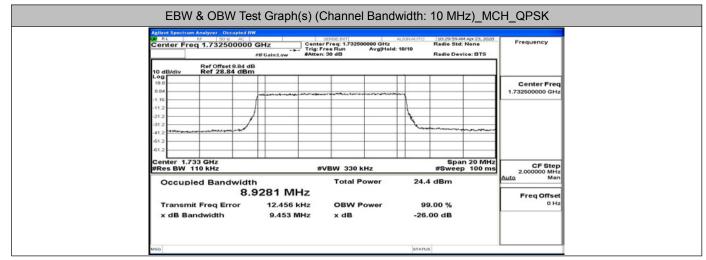


MR NU SS/S SS/SERVIT ALIGNANTO 10/22/11/4/46/23,0020 Center Freq 1.752500000 GHz Center Freq 1.752500000 GHz Radio Std: None Radio Std: None #// Calint.ov #// Etaint.ov Freq 1.752500000 GHz Radio Device: BTS						
Ref Offset 8.84 dB	Ref Offset 9.84 dB					
10.0 8.84			-	Center Free 1.762500000 GH:		
1.16 11.2 21.2 31.2 31.2	1			7.4		
-41.2 -61.2 -61.2						
Center 1.753 GHz #Res BW 56 kHz	#V	BW 160 kHz	Span #Sweep	10 MHz 100 ms 1.000000 MHz		
Occupied Bandwidth 4.4	4802 MHz	Total Power	24.7 dBm	Auto Mar Freq Offse		
Transmit Freq Error x dB Bandwidth	3.278 kHz 4.826 MHz	OBW Power x dB	99.00 % -26.00 dB	0 H		

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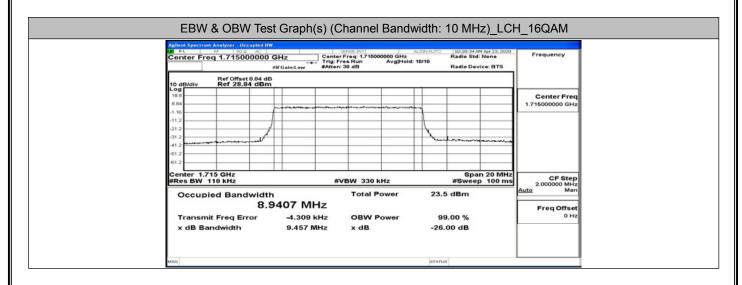


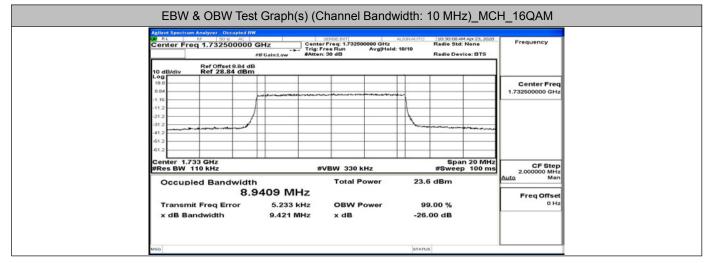


Center Freq 1.750000000	GHz Cente	r Freq: 1.750000000 GHz ree Run Avg Held : 30 dB	: 10/10	Radio Std: None Radio Device: BTS	Frequency	
10 dB/div Ref 28.84 dBn	Ref Offset 8.84 dB o dB/div Ref 28.84 dBm					
8.84	an ageneration and the real		-		Center Freq 1.750000000 GHz	
-1.16 -11.2 -21.2						
-312 -41.2			her	*****		
G1.2				Span 20 MHz		
#Res BW 110 kHz	#	VBW 330 kHz		#Sweep 100 ms	CF Step 2.000000 MHz Auto Man	
Occupied Bandwidt 8.	^ь 9281 MHz	Total Power	24.8	dBm	Freq Offset	
Transmit Freq Error x dB Bandwidth	7.023 kHz 9.439 MHz	OBW Power x dB		.00 % 00 dB	0 Hz	

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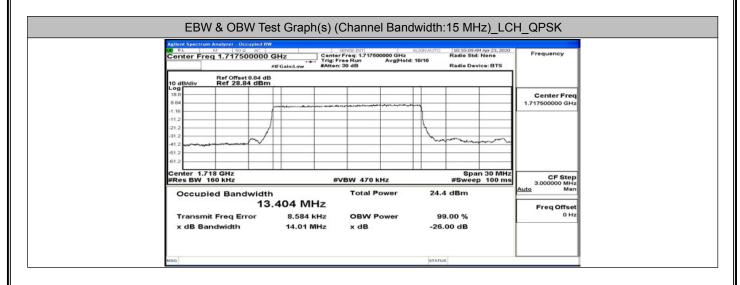


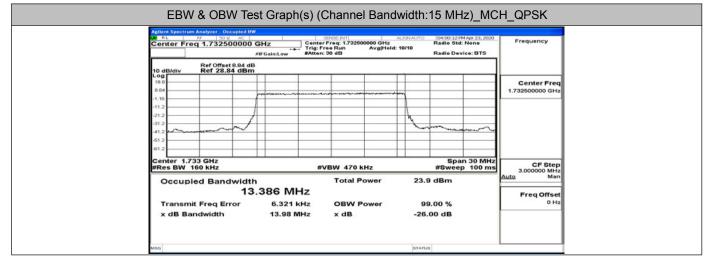


Center Freq 1.750000000 (Freq: 1.760000000 GHz ee Run Avg Hold:	Radio 10/10	:42 AM Apr 23, 2020 Std: None Device: BTS	Frequency
10 dB/div Ref 28.84 dBm					
10.0 8.84 -1.16					Center Freq 1.750000000 GHz
-11.2 -21.2 -31.2			1 million		
-41.2 -61.2					
Center 1.75 GHz #Res BW 110 kHz	#V	BW 330 kHz		Span 20 MHz /eep 100 ms	CF Step 2.000000 MHz
Occupied Bandwidth 8.9	186 MHz	Total Power	23.8 dBn	n	Auto Man Freq Offset
Transmit Freq Error x dB Bandwidth	7.300 kHz 9.431 MHz	OBW Power x dB	99.00 % -26.00 de		0 Hz

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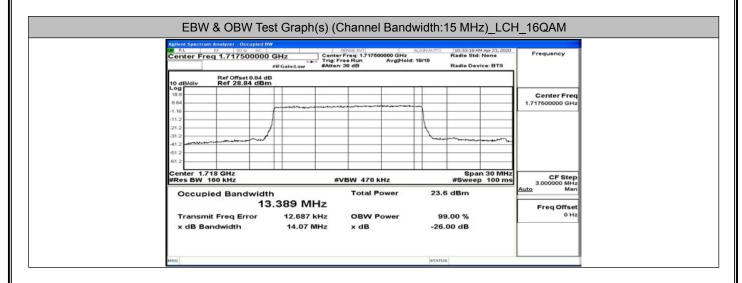


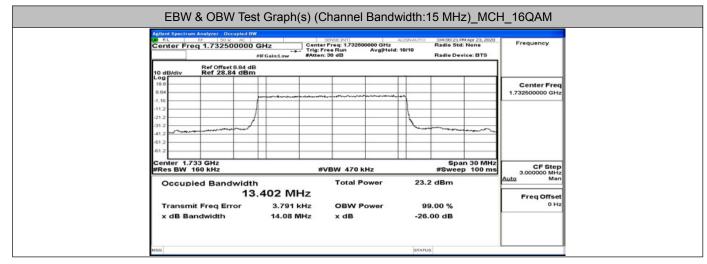


Center Freq 1.747500000	GHz Center	Freq: 1.747600000 GHz ee Run Avg Hold	ALIONAUTO 01:01:01:01 PMApr 2 Radie Std: Nene : 10/10 Radie Device: B	Frequency
Ref Offset 8.84 d 10 dB/div Ref 28.84 dBn	B	0000	Kalio Device. B	
10.0 8.84				Center Freq 1.747500000 GHz
-1.16 -11.2 -21.2				
312 41.2	,		hanne	~
-61.2 Center 1.748 GHz			Span 30	MHz
#Res BW 160 kHz	#\	/BW 470 kHz	#Sweep 10	0 ms 3.000000 MHz
Occupied Bandwidt	th 3.413 MHz	Total Power	24.3 dBm	Auto Man Freq Offset
Transmit Freq Error x dB Bandwidth	3.724 kHz 14.10 MHz	OBW Power x dB	99.00 % -26.00 dB	0 Hz

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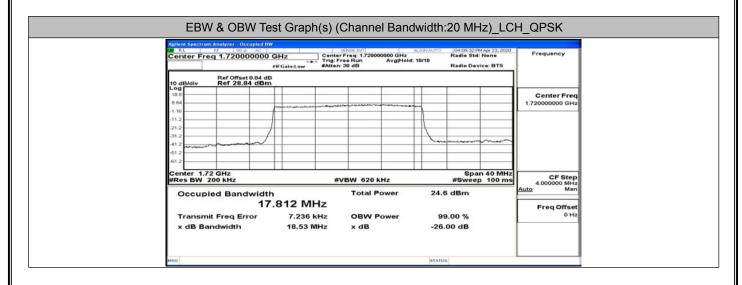


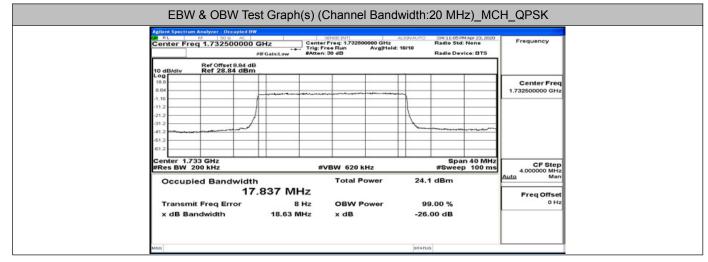


Center Freg 1.747500000 GHz Center Freg: 1.747600000 GHz Radio Std: None			Radio St		Frequency	
	BIFGaind.ow #Atten: 30 dB Radio Device: BTS Ref Offset 8.84 dB Ref 28.84 dB					
10 dB/div Ref 28.84 dB						
10.0 8.84		-			Center Freq 1.747500000 GHz	
-1.16						
-21.2	\mathbb{A}					
-41.2 http://www.universites.com						
-61.2						
Center 1.748 GHz #Res BW 160 kHz		#VBW 470 kHz		an 30 MHz p 100 ms	CF Step 3.000000 MHz	
Occupied Bandwid	th	Total Power	23.4 dBm		Auto Man	
1:	3.410 MHz				Freq Offset	
Transmit Freq Error x dB Bandwidth	-5.414 kHz 13.99 MHz	OBW Power x dB	99.00 % -26.00 dB		0 Hz	

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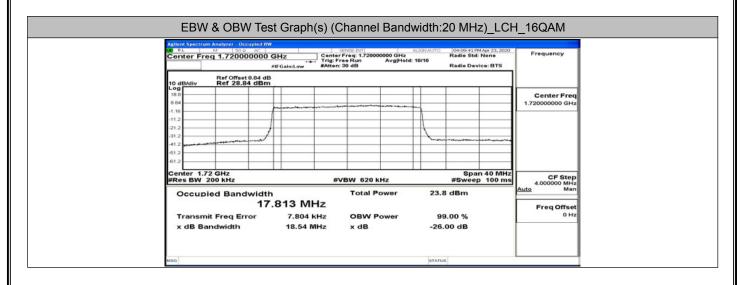


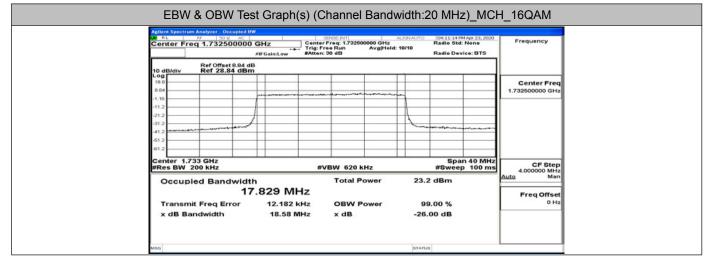


Center Freq 1.745000000 GHz Center Freq: 1.745000000 GHz Radio Std: None				Radio Std:		Frequency
	Ref Offset 8.84 dB					
10 dB/div Ref 28.84 dB	3m					
8.84						Center Freq 1.745000000 GHz
-11.2						
-21.2						
-41.2						
-61.2						
Center 1.745 GHz #Res BW 200 kHz		#VBW 620 kHz			100 ms	CF Step 4.000000 MHz
Occupied Bandwid		Total Power	24.	2 dBm		Auto Man
	7.832 MH	_				Freq Offset
Transmit Freq Error x dB Bandwidth	-2.443 kH 18.67 MH			99.00 % -26.00 dB		0 Hz

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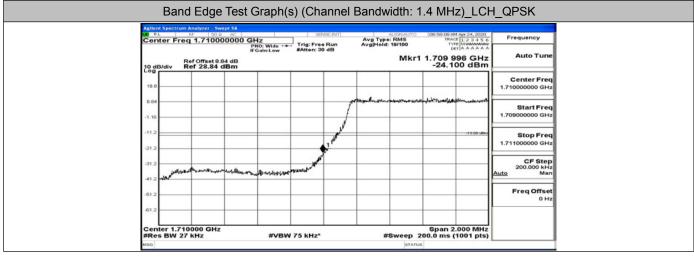


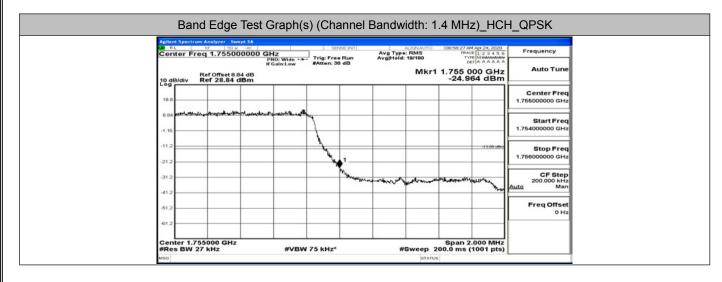


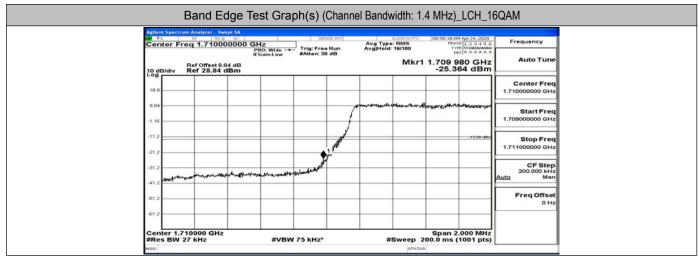
Center Freg 1.745000000 GHz Center Freg: 1.745000000 GHz Radie Std: Nene				2020 Frequency		
	#IF Gain:Low #Atten: 30 dB Radio Device: BTS Ref Offset 9.94 dB					
10 dB/div Ref 28.84 dB						
10.0 8.84				Center Freq 1.745000000 GHz		
-1.16		and a second second radius discovering of				
-21.2	<u> </u>			_		
-31.2 -41.2			San and and and and and and and and and a	urren.		
-51.2						
Center 1.745 GHz #Res BW 200 kHz		VBW 620 kHz	Span 40 / #Sweep 100	CF Step		
Occupied Bandwid	th	Total Power	23.3 dBm	Auto 4.000000 MHz Auto Man		
1	7.847 MHz			FreqOffset		
Transmit Freq Error x dB Bandwidth	13.258 kHz 18.59 MHz	OBW Power x dB	99.00 % -26.00 dB	0 Hz		

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C.4 Band Edge

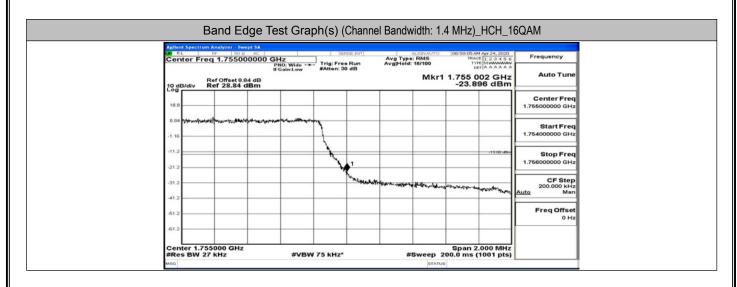


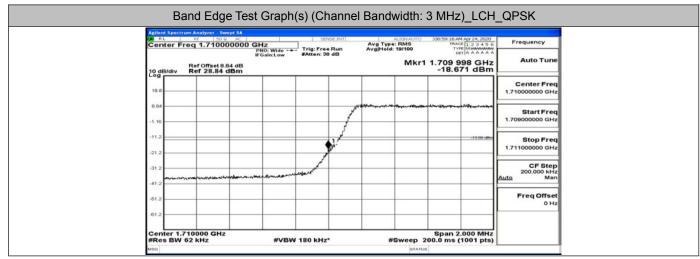




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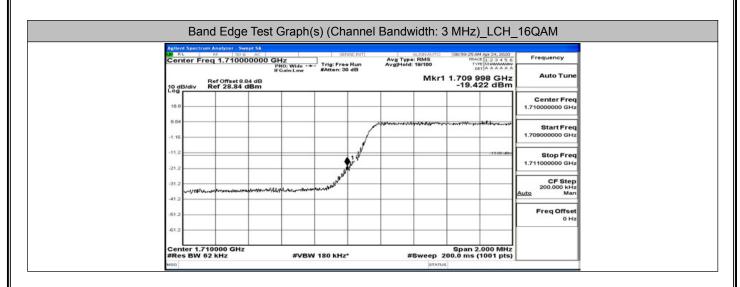


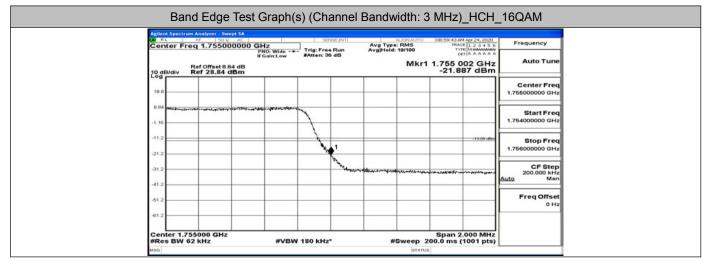


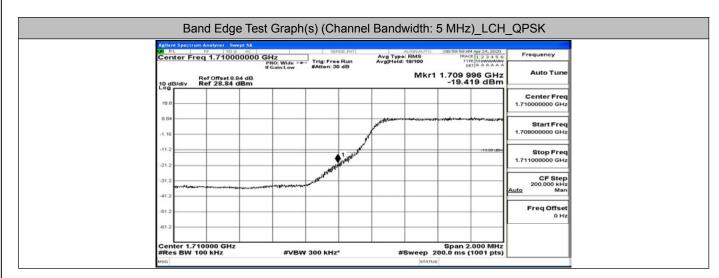
DO RL	rum Analyzer - 5 RF 50	Q AC		- 98	NSEINT		ALIGNAUTO	08:59:34 AM	Apr 24, 2020	Frequency
Center F	req 1.755	P	HZ NO:Wide ↔ Gain:Low	Trig: Fre	e Run	Avg Type Avg Held:	19/100	TRACE	123456	Frequency
10 dB/div	Ref Offset	3.84 dB	Gain:Low	araten. o	0.00		Mkr1	1.755 00		Auto Tune
18.8										Center Freq 1.755000000 GHz
0.04 Magaun		****		1						Start Freq 1.754000000 GHz
-11.2				1	1				-13.00 uBer	Stop Freq
-21.2				<u> </u>	<u>.</u>					1.756000000 GHz
-31.2	_				And the second			estant and the sport	r#9pumineur	CF Step 200.000 kHz Auto Man
-41.2										Freq Offset
-61.2		_								

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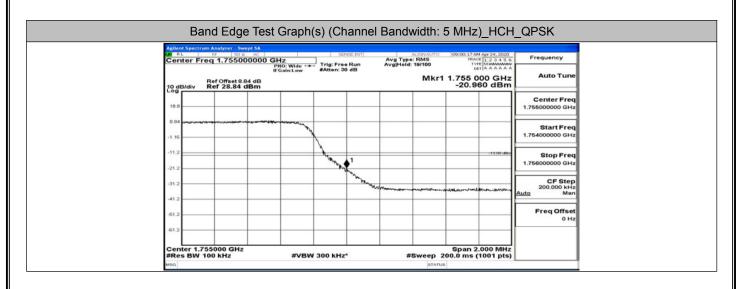


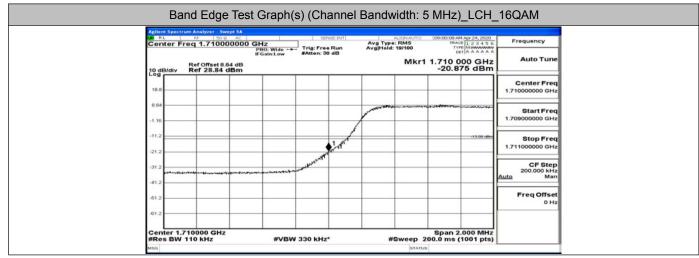


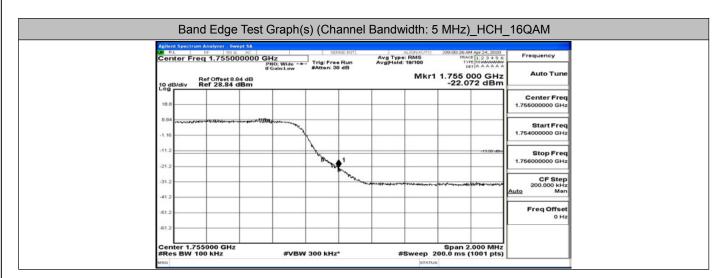


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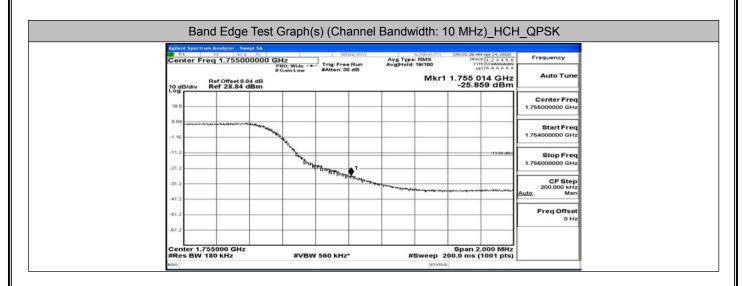


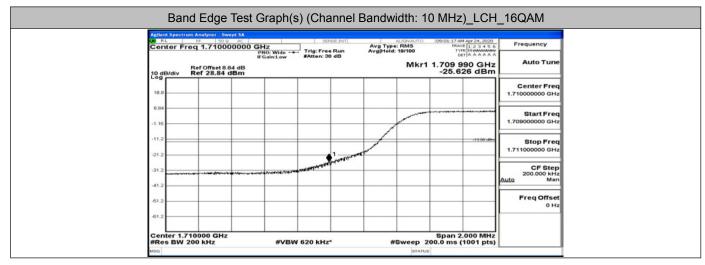
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK

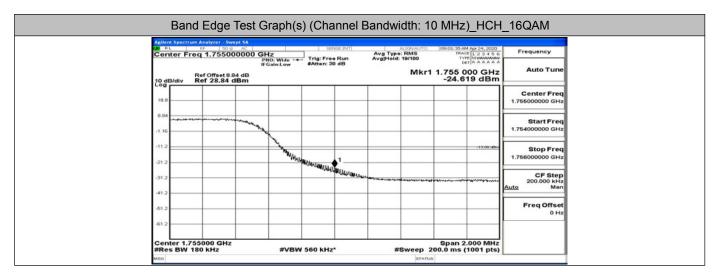
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Center Fr	eq 1.7100	PN IFG	C: Wide ++	Atten: 3	e Run 0 dB	Avg Type Avg Hold	19/100	TVI		
10 dB/div	Ref Offset 8.8 Ref 28.84	34 dB dBm					Mkr1	1.710 0	00 GHz 18 dBm	Auto Tune
18.8										Center Freq 1.710000000 GHz
0.04										Start Freq
-1.16						/			-13.00 uBer	Stop Freq
-21.2	vy y bri vy ak vji				- anterest	narr				1.711000000 GHz
-31.2			مېرىكى يەرىكى يەمىرى م	event to the						CF Step 200.000 kHz Auto Man
-61.2										Freq Offset
-61.2										
Center 1.7 #Res BW	10000 GHz 200 kHz		#VBW	620 kHz		#	Sweep 2	Span 2 00.0 ms (.000 MHz	

Report No.: LCS200410099AEC





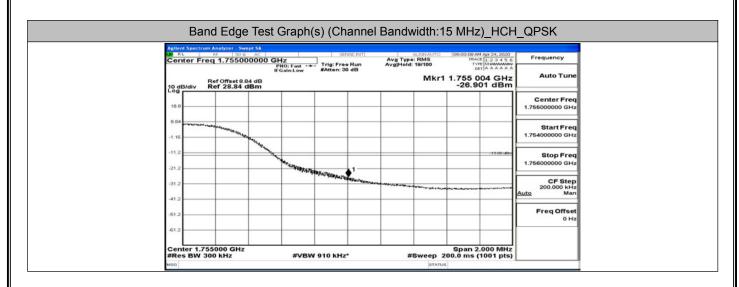


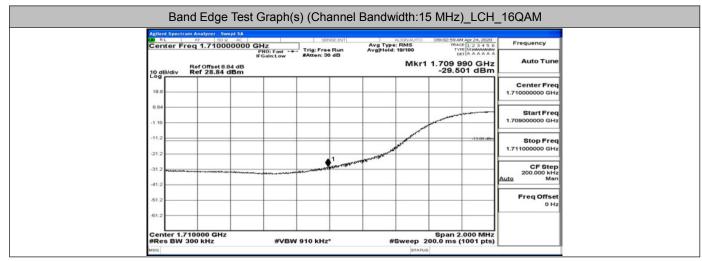
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK

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Agilant Spectrum Analyzer Sway R AL BP 100 00 Center Freq 1.710000 Ref Offset 8.84 J0 dB/div Ref 28.84 dl	AC SENSE INT DODO GHZ PRO: Fast IFGain:Low FAtten: 30 dB dB	Aug Type: RMS 1928-1930 Avg Type: RMS 1928-1930 AvgHold: 1910 Mkr1 1.709 994 GHz -28.441 dBm	Frequency Auto Tune
18.8			Center Freq 1.710000000 GHz
.0.04			Start Freq 1.709000000 GHz
-11.2			Stop Freq 1.711000000 GHz
-31.2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		CF Step 200.000 kHz Auto Man
-61.2			Freq Offset 0 Hz
-61.2 Center 1.710000 GHz		Span 2.000 MHz	
#Res BW 300 kHz	#VBW 910 kHz*	#Sweep 200.0 ms (1001 pts)	

Report No.: LCS200410099AEC

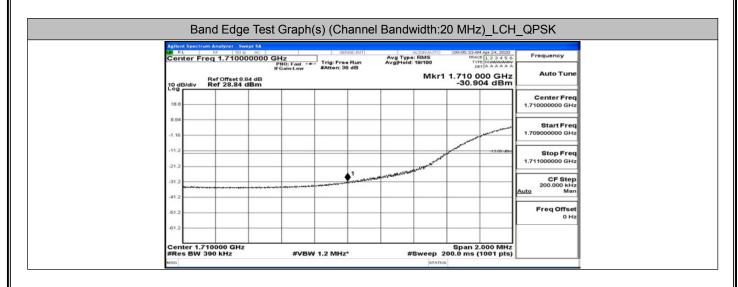


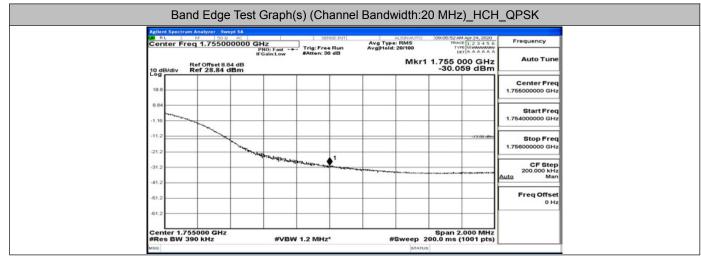


	1.755000000 G	Hz PNO: Fast +++	SENSE INT	Avg Typ Avg Hold	alionauto e: RMS : 19/100	09:03:17 AM / TRACE TYPE	pr 24, 2020	Frequency
10 dB/div Re	f Offset 8.84 dB f 28.84 dBm	Gain:Low	#Atten: 30 dB		Mkr1	1.755 02		
18.8								Center Freq 1.755000000 GHz
0.04	mon							Start Freq 1.754000000 GHz
-11.2							-13.00 uBer	Stop Freq
-21.2		and a starter	water show and					1.756000000 GHz
-41.2						a hatar ya har ya dar		200.000 kHz Auto Man
		1 1						Freq Offset

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Report No.: LCS200410099AEC





UN RL	Freq 1.71	0000000 0	Hz			Avg Type Avg Held:	RMS	09:05:42 AM TRAC	Apr 24, 2020 1 2 3 4 5 6 MMMMMM A A A A A A	Frequency
10 dB/div	Ref Offse Ref 28.8	8.84 dB	PNO: Fast FGain:Low	#Atten: 3	0 dB	Avginola.		1.710 0	00 GHz 70 dBm	
18.8										Center Freq 1.710000000 GHz
0.04										Start Freq
-11.2								and the second second	-13:00 uBre	Stop Freq
-21.2					1	wardin Astronom	- A A A A A A A A A A A A A A A A A A A			1.711000000 GHz
-41.2										200.000 kHz Auto Man
-61.2										Freq Offset 0 Hz

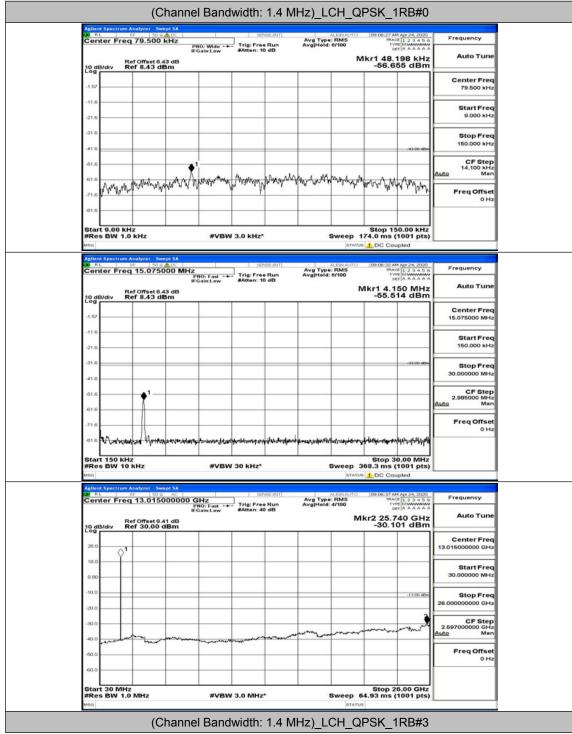
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Report No.:LCS200410099AEC

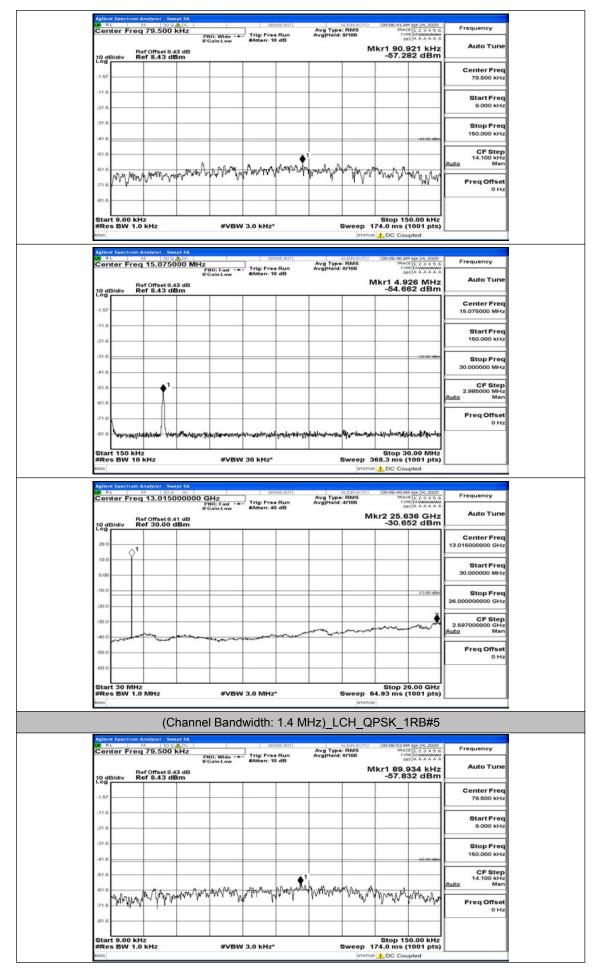
Frequency	122456	09:06:01 AM	ALIGNAUTO e: RMS : 19/100	Avg T	SENSEIN	GHz	Analyzer - Swept SA NF 50 0 AC q 1.755000000 G	RL.	DO R
Auto Tune	08 GHz 02 dBm	1.755 0		AvgiHe	Trig: Free Run #Atten: 30 dB	PNO: Fast	Ref Offset 8.84 dB Ref 28.84 dBm	B/div	
Center Freq 1.755000000 GHz									18.8
Start Freq 1.754000000 GHz								-	0.04
Stop Freq 1.75600000 GHz	-13:00 uBra			-			and the second second	2	-11.2
CF Step 200.000 kHz uto Man		an the second	وه کار الروليو کارل		1	-			-21.2
Freq Offset 0 Hz								2	-41.2
				_		_		2	-61.2

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C.5 Conducted Spurious Emission



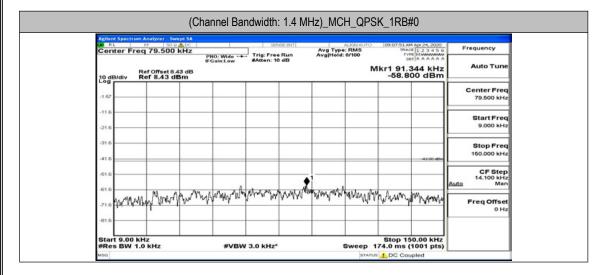
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SHENZHEN LCS COMPLIANCE	TESTING LABORATORY LT	D. FCC ID: 2ASKHDL01

Auto Tune	Mkr1 5.463 MHz -55.721 dBm			dB	Ref Offset 8.43	
	-55.721 dBm			n	Ref 8.43 dBm	10 dB/div
						-1.57
10.07 0000 MPL						
						-11.6
150.000 kH						-21.6
Stop Fred	-33.00 dBm					-31.6
						-41.6
0.5.0100						
2.985000 MHz		1			•¹	-51.6
Auto Mar						-61.6
					<u>n</u>	-71.6
Stop Frequency Stop Stop Stop Stop Stop Stop Stop 30.00 MHz Stop 30.00 MHz <t< td=""><td></td><td>a la autora da</td><td></td><td></td><td>. N.</td></t<>		a la autora da			. N.	
	and a start and a start a start and a start a	elentransi elentra da da	See a contraction of the second	an the stand of th	Addressing and	-01.6 W WY
						Start 150
	368.3 ms (1001 pts)	Sweep	30 kHz*	#\/B\A		
		-			10 KHZ	#Res BW
		-				MSG
	09:07:02 AM Apr 24, 2020	ALIGNAUTO	SENSE INT	5A AC	um Analyzer - Swept RF 50 Q /	Agilent Spect
Frequency	09:07:02 AM Apr 24, 2020	STAT	SENSE INT	5A AC	um Analyzer - Swept	Agilent Spect
Frequency	DC Coupled	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.015000	Agilent Spect Refer F Center F
Frequency Auto Tune	DC Coupled	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.015000	Agilent Spect
Frequency Auto Tune Center Freq	DC Coupled	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.01500 Ref Offset 8.41 e Ref 30.00 dB	Agilent Spect Refer F Center F
Frequency Auto Tune Center Freq	DC Coupled	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.015000	Aglient Speci 20 RL Center F 10 dB/div 20.0
Frequency Auto Tune Center Freq 13.01600000 GHz Start Freq	DC Coupled	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.01500 Ref Offset 8.41 e Ref 30.00 dB	Agilent Spect all RL Center F 20.0 10.0
Frequency Auto Tune Center Freq 13.01600000 GHz Start Freq	DC Coupled	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.01500 Ref Offset 8.41 e Ref 30.00 dB	Aglient Speci 20 RL Center F 10 dB/div 20.0
Frequency Auto Tune Center Frec 13.01500000 GHz Start Frec 30.000000 MHz	DC Coupled	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.01500 Ref Offset 8.41 e Ref 30.00 dB	Agilent Spect all RL Center F 20.0 10.0
Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq	10907/02 AM Ac 24, 3020 TRACE 12 2 9 4 5 6 TYTE DAWNAGE CERT PARAMANA Alkr2 25, 974 GHz -30, 445 dBm	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.01500 Ref Offset 8.41 e Ref 30.00 dB	мва Applent Spect 2 RL Center F 20.0 10.0 0.00
Frequency Auto Tune Center Freq 30.000000 GHz Start Freq 30.000000 MHz Stop Freq 26.000000000 GHz	10907/02 AM Ac 24, 3020 TRACE 12 2 9 4 5 6 TYTE DAWNAGE CERT PARAMANA Alkr2 25, 974 GHz -30, 445 dBm	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.01500 Ref Offset 8.41 e Ref 30.00 dB	MSG Attikent Speci 20. RL Center F 20. gtb/div 20. 0 10.0 .000 .000 .20.0 .20
Frequency Auto Tune Center Freq 30.000000 GHz 30.000000 MHz 26.0000000 GHz 26.0000000 GHz 2.657000000 GHz	(0007/02/M/492 24,2007) TRACE [2:2:3:4:5:6 TYPE MAXMAN DEF A AAAAAAA Alkr2 25.974 GHz -30.445 dBm -30.445 dBm	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.01500 Ref Offset 8.41 e Ref 30.00 dB	MSG Apjent Speci 8 RL Center F 20.0 10.0 .00 .10.0
Frequency Auto Tune Center Frec 30.01500000 GHz Start Frec 30.000000 HHz Stop Frec 26.0000000 GHz 2.65700000 GHz	(00.07.02.4M er 24, 2000) Trace 2 2 4 5 6 Trace 2 2 4 5 6 Trace 2 2 4 5 6 Trace 2 2 5 9 7 4 GHz -30.445 dBm -30.445 dBm	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.01500 Ref Offset 8.41 e Ref 30.00 dB	MSG Attikent Speci 20. RL Center F 20. gtb/div 20. 0 10.0 .000 .000 .20.0 .20
Frequency Auto Tune Center Freq 33.015000000 GHz Start Freq 26.00000000 GHz 26.0000000 GHz 26.507000000 GHz Auto Man	(00.07.02.4M er 24, 2000) Trace 2 2 4 5 6 Trace 2 2 4 5 6 Trace 2 2 4 5 6 Trace 2 2 5 9 7 4 GHz -30.445 dBm -30.445 dBm	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.01500 Ref Offset 8.41 e Ref 30.00 dB	Aplent Spec Aplent Spec R. Center F 20.0 10.0 -10.0 -20.0 -30.0
Frequency Auto Tune Center Freq 30.000000 GHz 30.000000 MHz 26.0000000 GHz 26.0000000 GHz 2.657000000 GHz	(00.07.02.4M er 24, 2000) Trace 2 2 4 5 6 Trace 2 2 4 5 6 Trace 2 2 4 5 6 Trace 2 2 5 9 7 4 GHz -30.445 dBm -30.445 dBm	Avg Type: RMS AvgHeld: 4/100	sense int	SA AC 00000 GHz PNO: Fast ↔ IFGain:Low dB	req 13.01500 Ref Offset 8.41 e Ref 30.00 dB	Apjent Spec Apjent Spec 1 At. Center F 20.0 10.0 0.00 -20.0 -30.0 -40.0



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