

1.1 Test Result

Test Band: 41b 5MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	12.57	21.76	20.63	/	1.00	13.57	22.76	21.63	33.01	PASS	
		13	20.76	21.64	21.09	/	1.00	21.76	22.64	22.09	33.01	PASS	
		24	20.74	21.26	21.09	/	1.00	21.74	22.26	22.09	33.01	PASS	
	12	0	15.59	20.69	19.97	/	1.00	16.59	21.69	20.97	33.01	PASS	
		6	19.74	20.69	20.10	/	1.00	20.74	21.69	21.10	33.01	PASS	
		13	19.78	20.49	20.12	/	1.00	20.78	21.49	21.12	33.01	PASS	
	25	0	15.72	20.57	20.04	/	1.00	16.72	21.57	21.04	33.01	PASS	
			11.88	20.89	19.95	/	1.00	12.88	21.89	20.95	33.01	PASS	
16QAM	1	13	19.98	20.83	20.28	/	1.00	20.98	21.83	21.28	33.01	PASS	
		24	19.97	20.41	20.29	/	1.00	20.97	21.41	21.29	33.01	PASS	
		0	14.58	19.72	18.94	/	1.00	15.58	20.72	19.94	33.01	PASS	
	12	6	18.72	19.59	19.08	/	1.00	19.72	20.59	20.08	33.01	PASS	
		13	18.79	19.39	19.02	/	1.00	19.79	20.39	20.02	33.01	PASS	
		25	0	14.79	19.66	19.05	/	1.00	15.79	20.66	20.05	33.01	PASS
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

Test Band: 41b 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	12.68	21.99	20.37	/	1.00	13.68	22.99	21.37	33.01	PASS
		25	21.08	21.90	20.99	/	1.00	22.08	22.90	21.99	33.01	PASS
		49	21.04	21.11	21.20	/	1.00	22.04	22.11	22.20	33.01	PASS
	25	0	15.65	20.83	19.66	/	1.00	16.65	21.83	20.66	33.01	PASS
		13	19.83	20.61	19.83	/	1.00	20.83	21.61	20.83	33.01	PASS
		25	19.99	20.42	19.99	/	1.00	20.99	21.42	20.99	33.01	PASS
	50	0	15.81	20.63	19.80	/	1.00	16.81	21.63	20.80	33.01	PASS
11.62	21.04		19.57	/	1.00	12.62	22.04	20.57	33.01	PASS		
16QAM	1	25	19.86	20.78	20.20	/	1.00	20.86	21.78	21.20	33.01	PASS
		49	19.87	20.09	20.33	/	1.00	20.87	21.09	21.33	33.01	PASS
		0	14.66	19.89	18.71	/	1.00	15.66	20.89	19.71	33.01	PASS
	25	13	18.83	19.65	18.86	/	1.00	19.83	20.65	19.86	33.01	PASS
		25	18.99	19.41	19.02	/	1.00	19.99	20.41	20.02	33.01	PASS
		50	0	14.81	19.62	18.78	/	1.00	15.81	20.62	19.78	33.01
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)											

Test Band: 41b 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	16.64	21.85	20.25	/	1.00	17.64	22.85	21.25	33.01	PASS
		38	21.05	21.64	20.60	/	1.00	22.05	22.64	21.60	33.01	PASS
		74	21.10	20.83	21.04	/	1.00	22.10	21.83	22.04	33.01	PASS
	36	0	15.68	20.99	19.45	/	1.00	16.68	21.99	20.45	33.01	PASS
		18	20.04	20.70	19.65	/	1.00	21.04	21.70	20.65	33.01	PASS
		39	20.17	20.30	19.96	/	1.00	21.17	21.30	20.96	33.01	PASS
	75	0	15.91	20.62	19.69	/	1.00	16.91	21.62	20.69	33.01	PASS

16QAM	1		15.71	20.87	19.44	/	1.00	16.71	21.87	20.44	33.01	PASS
		38	20.07	20.60	19.78	/	1.00	21.07	21.60	20.78	33.01	PASS
		74	19.93	19.96	20.24	/	1.00	20.93	20.96	21.24	33.01	PASS
	36	0	14.71	19.86	18.42	/	1.00	15.71	20.86	19.42	33.01	PASS
		18	18.99	19.64	18.62	/	1.00	19.99	20.64	19.62	33.01	PASS
		39	19.10	19.26	18.85	/	1.00	20.10	20.26	19.85	33.01	PASS
	75	0	14.95	19.59	18.65	/	1.00	15.95	20.59	19.65	33.01	PASS
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)											

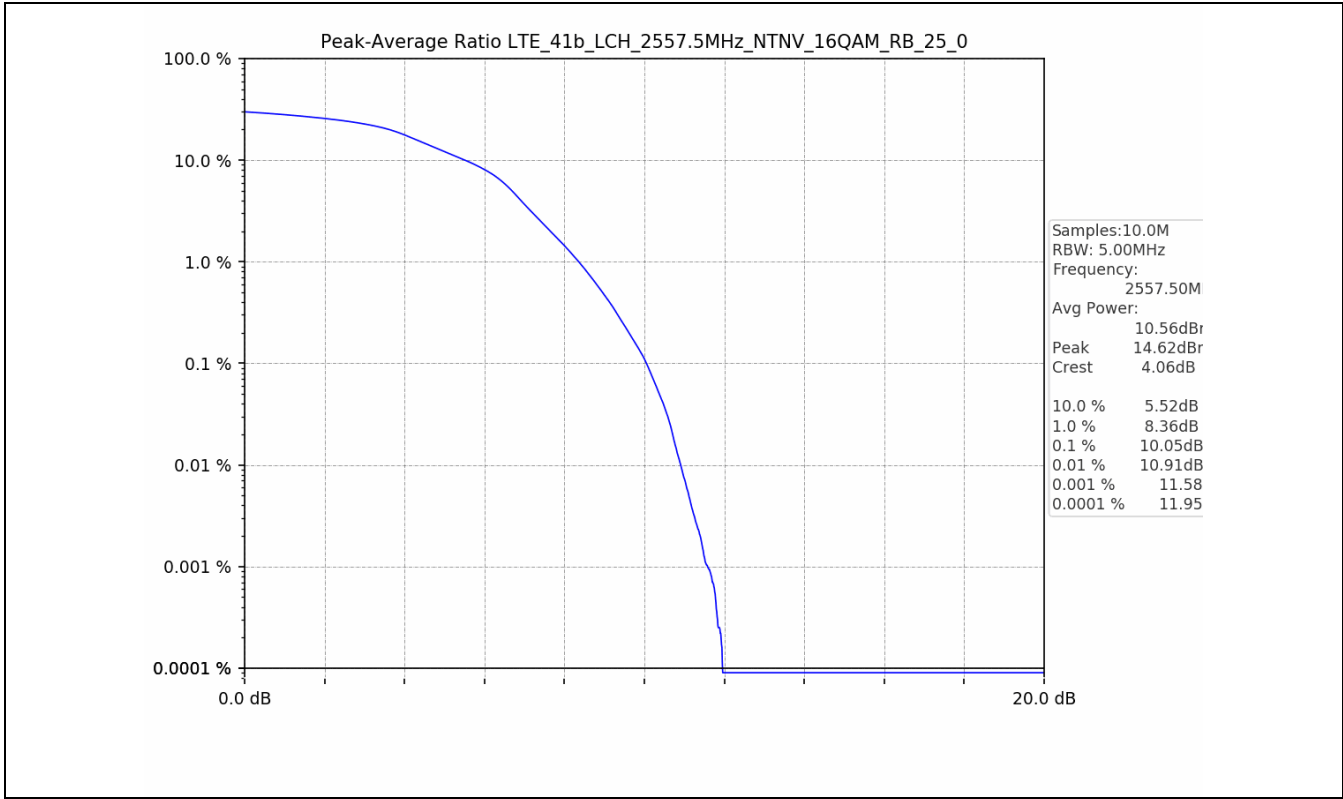
Test Band: 41b 20MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	20.55	21.70	20.49	/	1.00	21.55	22.70	21.49	33.01	PASS	
		50	21.32	21.80	20.65	/	1.00	22.32	22.80	21.65	33.01	PASS	
		99	20.95	20.67	20.98	/	1.00	21.95	21.67	21.98	33.01	PASS	
	50	0	19.66	20.91	19.47	/	1.00	20.66	21.91	20.47	33.01	PASS	
		25	20.02	20.59	19.39	/	1.00	21.02	21.59	20.39	33.01	PASS	
		50	20.01	20.16	19.61	/	1.00	21.01	21.16	20.61	33.01	PASS	
	100	0	19.89	20.49	19.52	/	1.00	20.89	21.49	20.52	33.01	PASS	
	19.78		20.75	19.97	/	1.00	20.78	21.75	20.97	33.01	PASS		
	50		20.25	21.14	19.81	/	1.00	21.25	22.14	20.81	33.01	PASS	
16QAM	1	99	20.13	19.64	20.15	/	1.00	21.13	20.64	21.15	33.01	PASS	
		50	0	18.68	19.85	18.47	/	1.00	19.68	20.85	19.47	33.01	PASS
			25	18.99	19.66	18.46	/	1.00	19.99	20.66	19.46	33.01	PASS
	50		19.04	19.16	18.61	/	1.00	20.04	20.16	19.61	33.01	PASS	
	100	0	18.88	19.54	18.50	/	1.00	19.88	20.54	19.50	33.01	PASS	
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

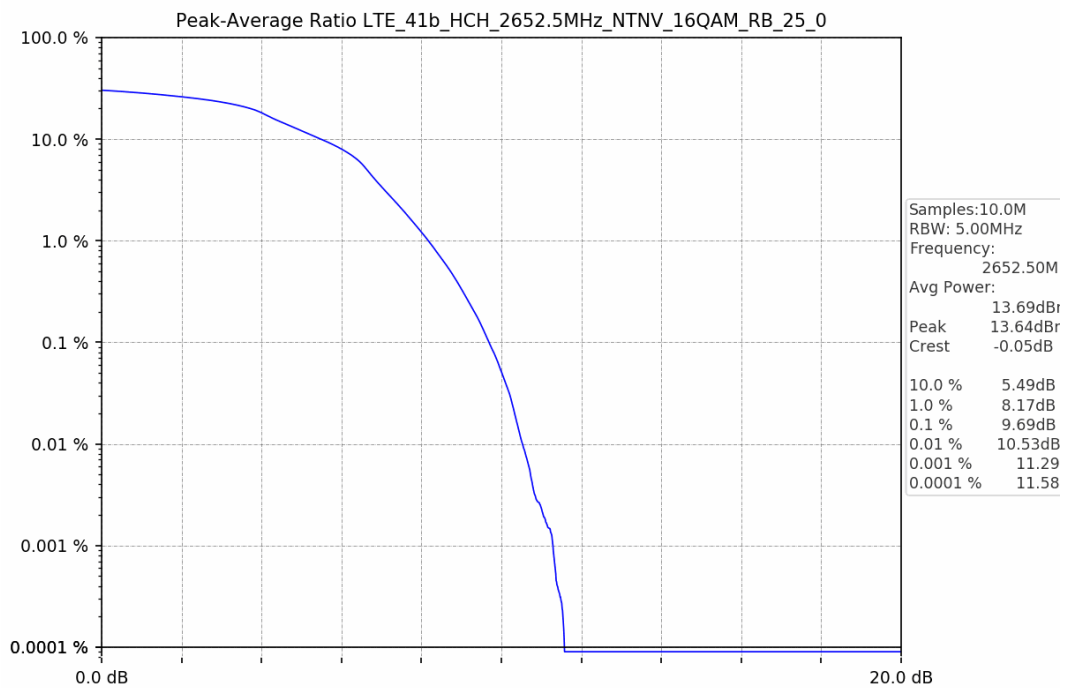
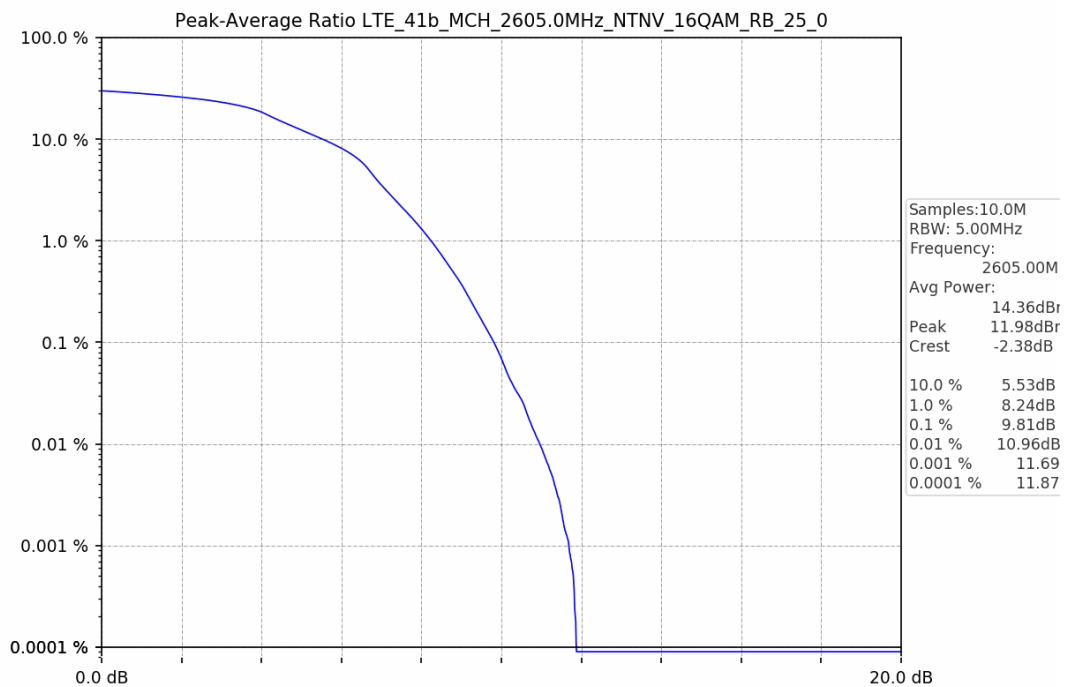
Appendix B: Peak-to-Average Ratio(CCDF)

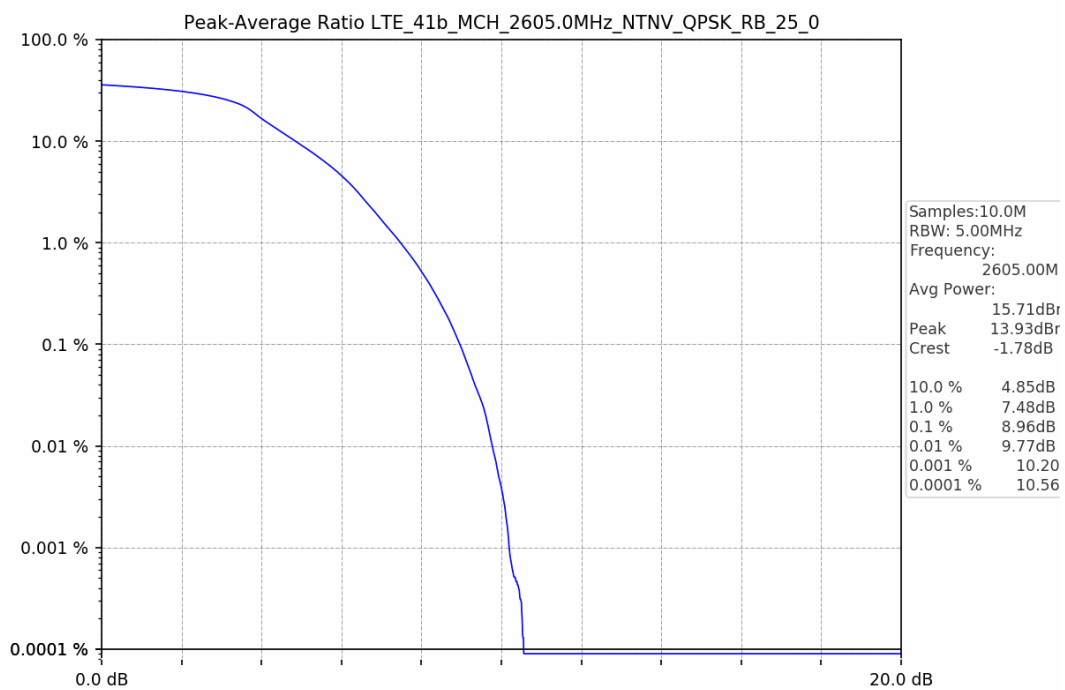
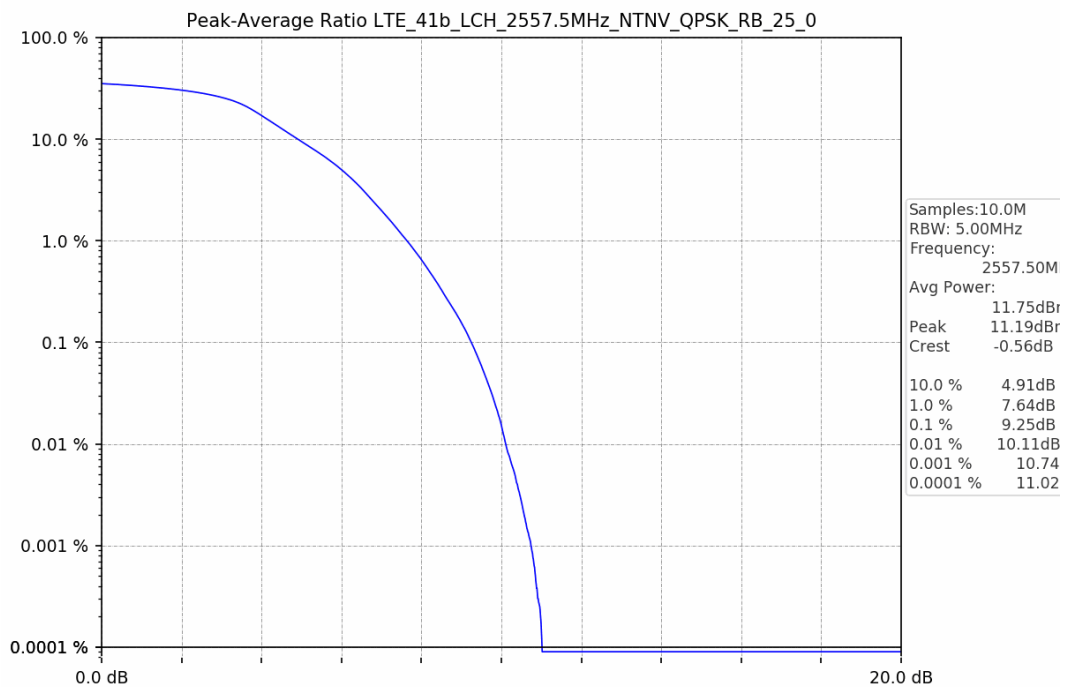
1.1 Test Result

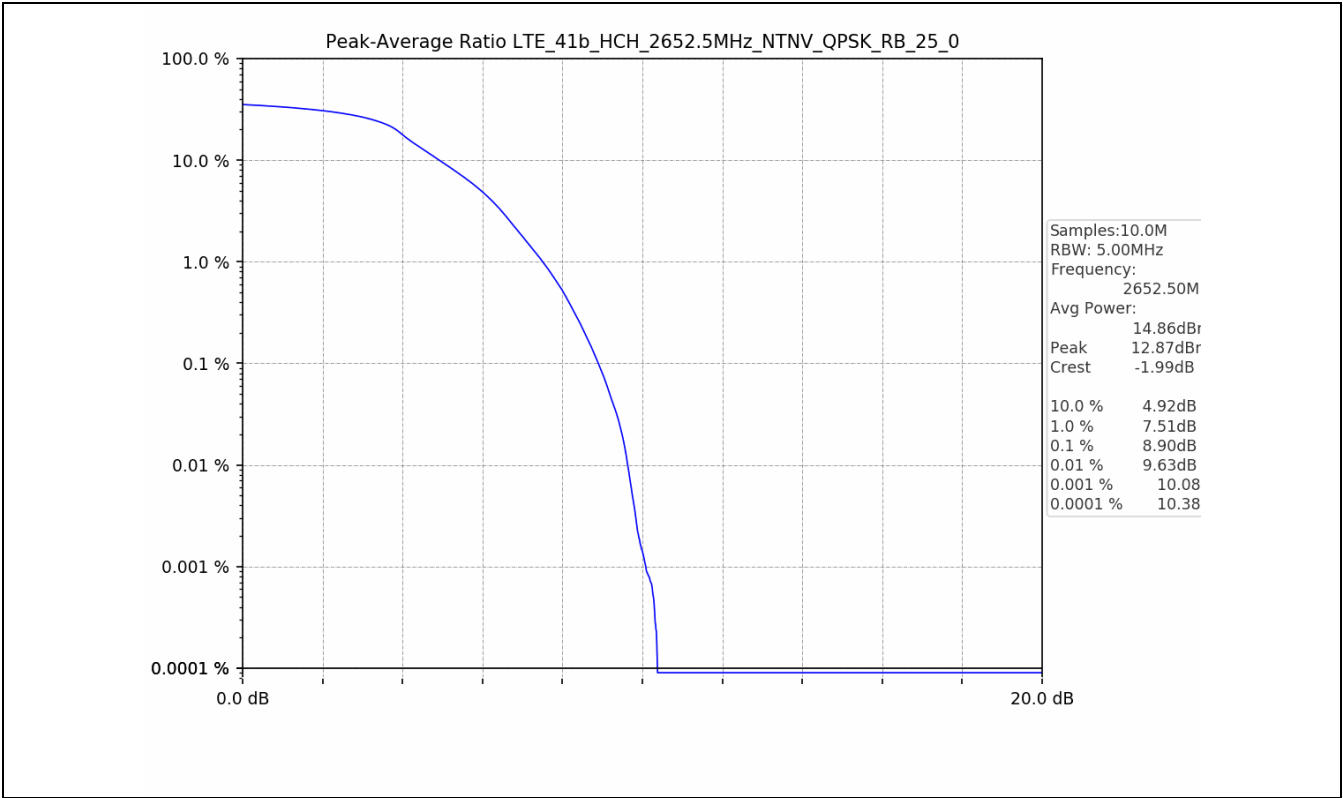
Test Band: 41b 5MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	9.25	8.96	8.90	13	PASS
16QAM	25	0	10.05	9.81	9.69	13	PASS

1.2 Test Graph



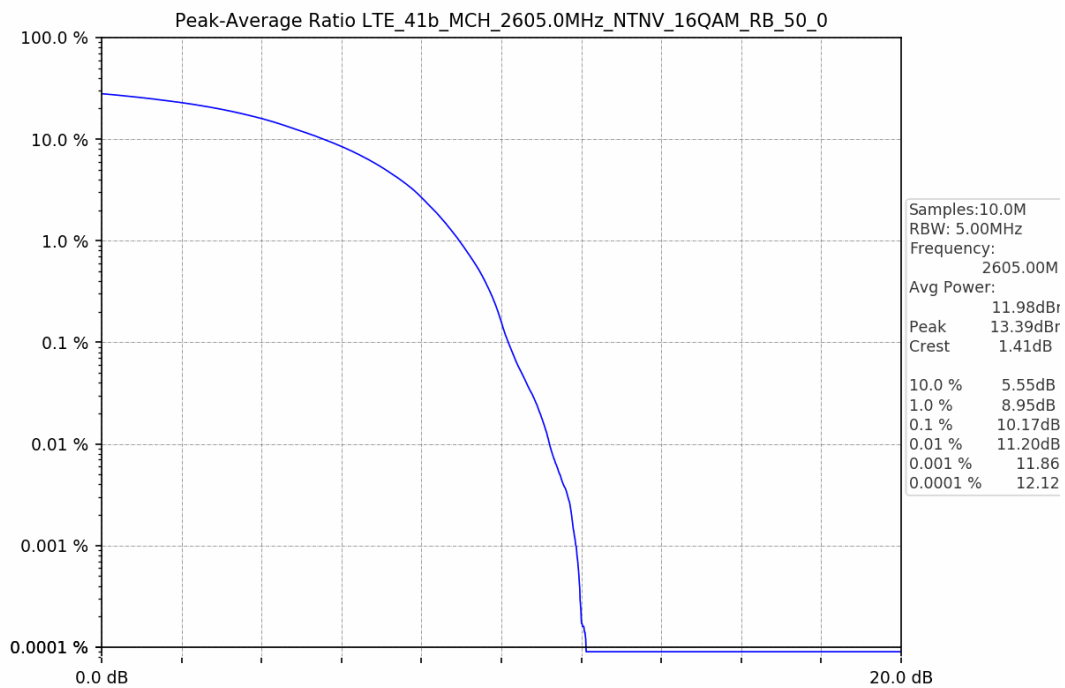
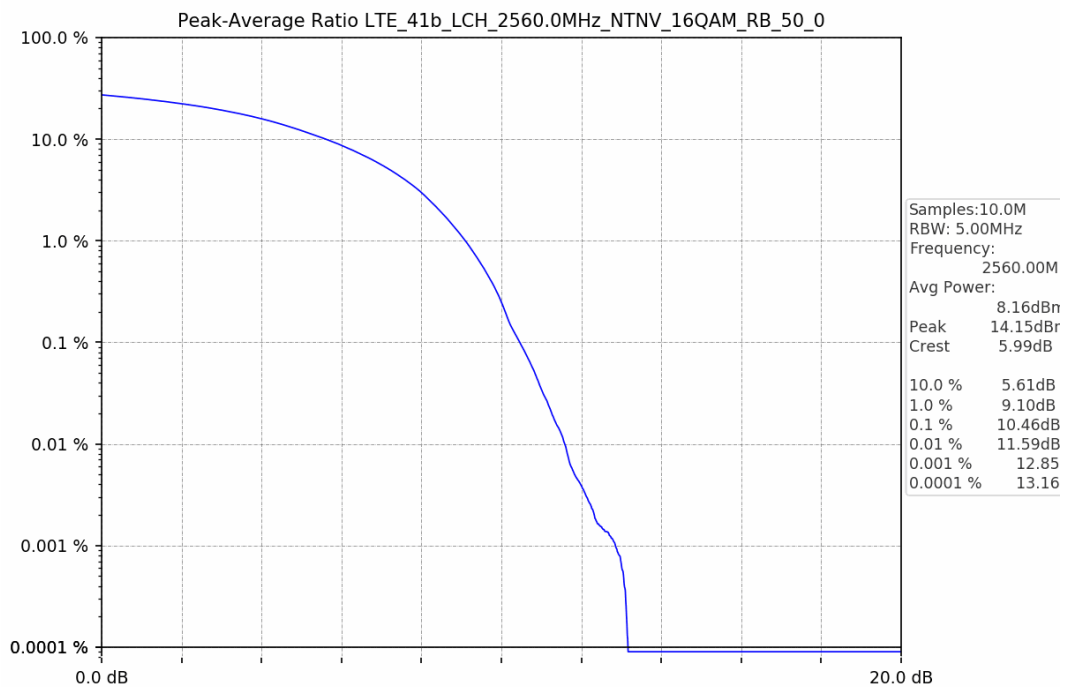


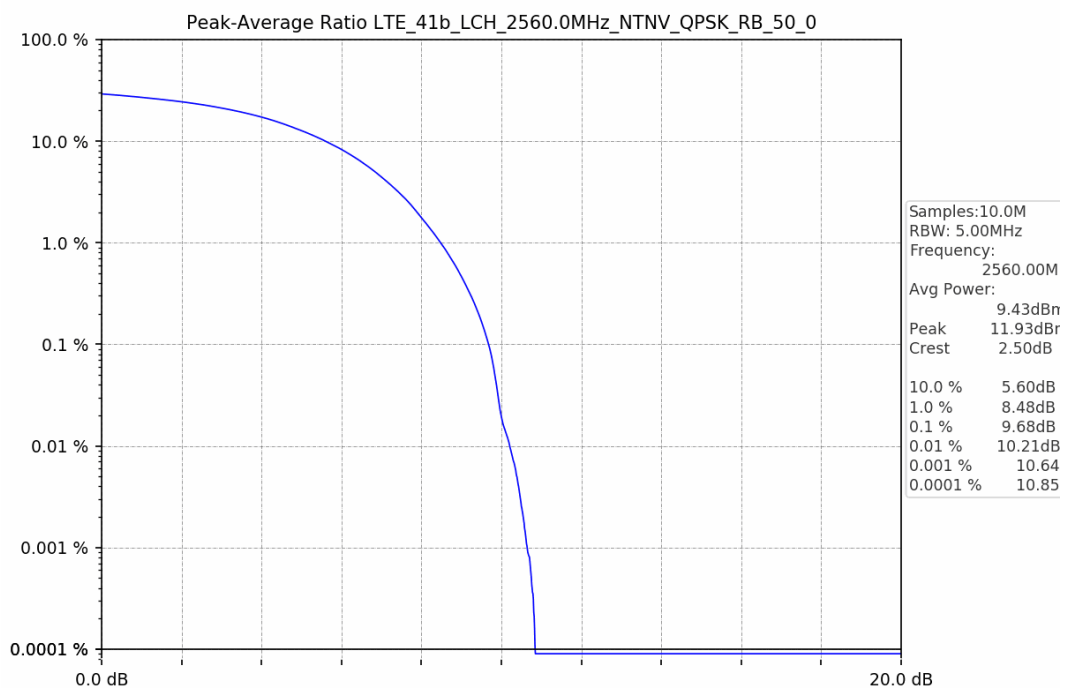
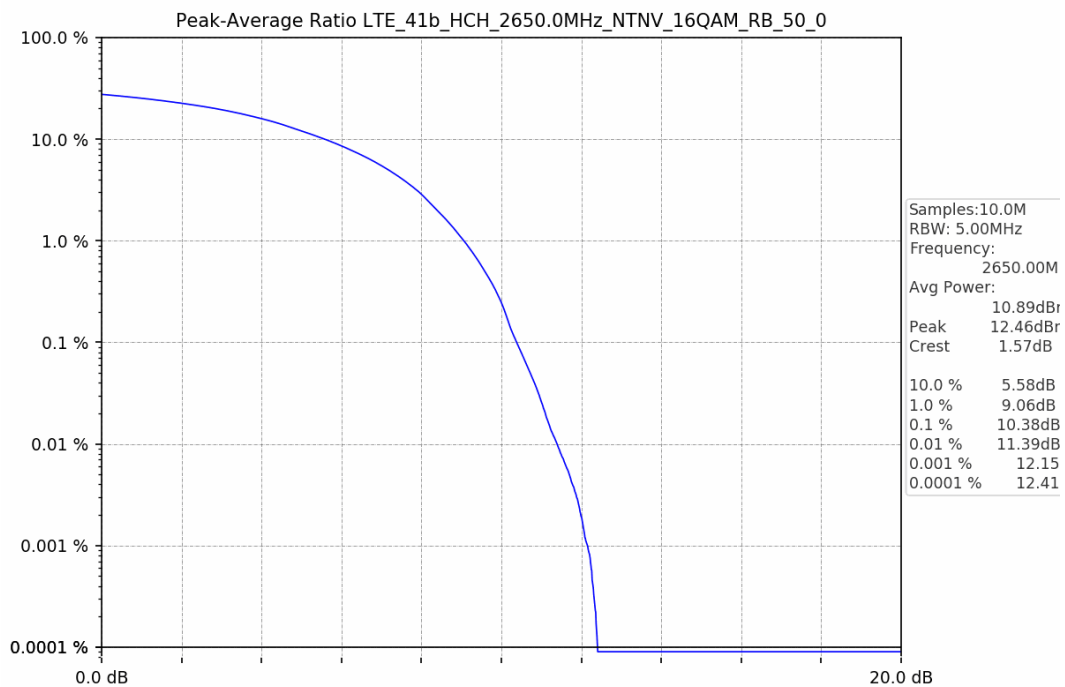


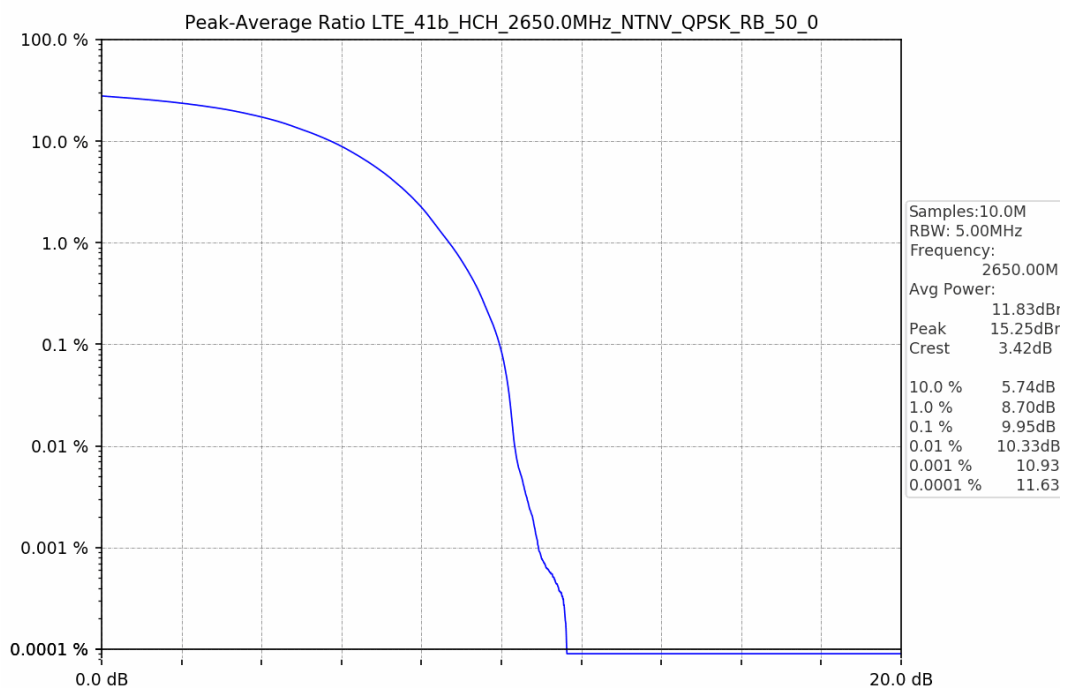
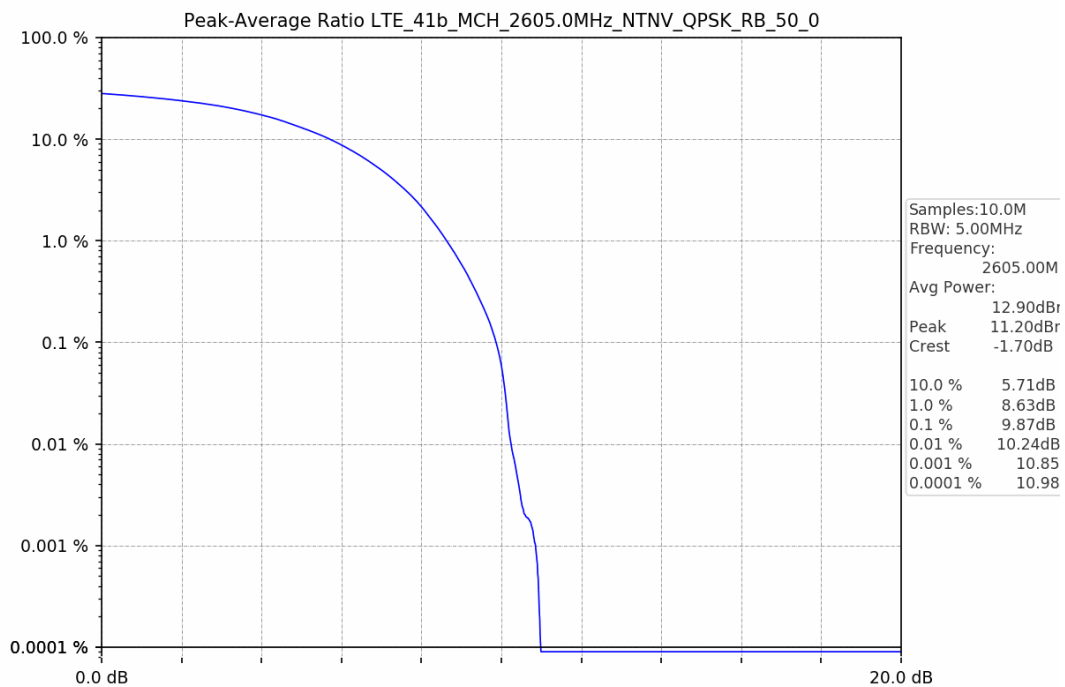


Test Band: 41b 10MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.68	9.87	9.95	13	PASS
16QAM	50	0	10.46	10.17	10.38	13	PASS

1.2 Test Graph



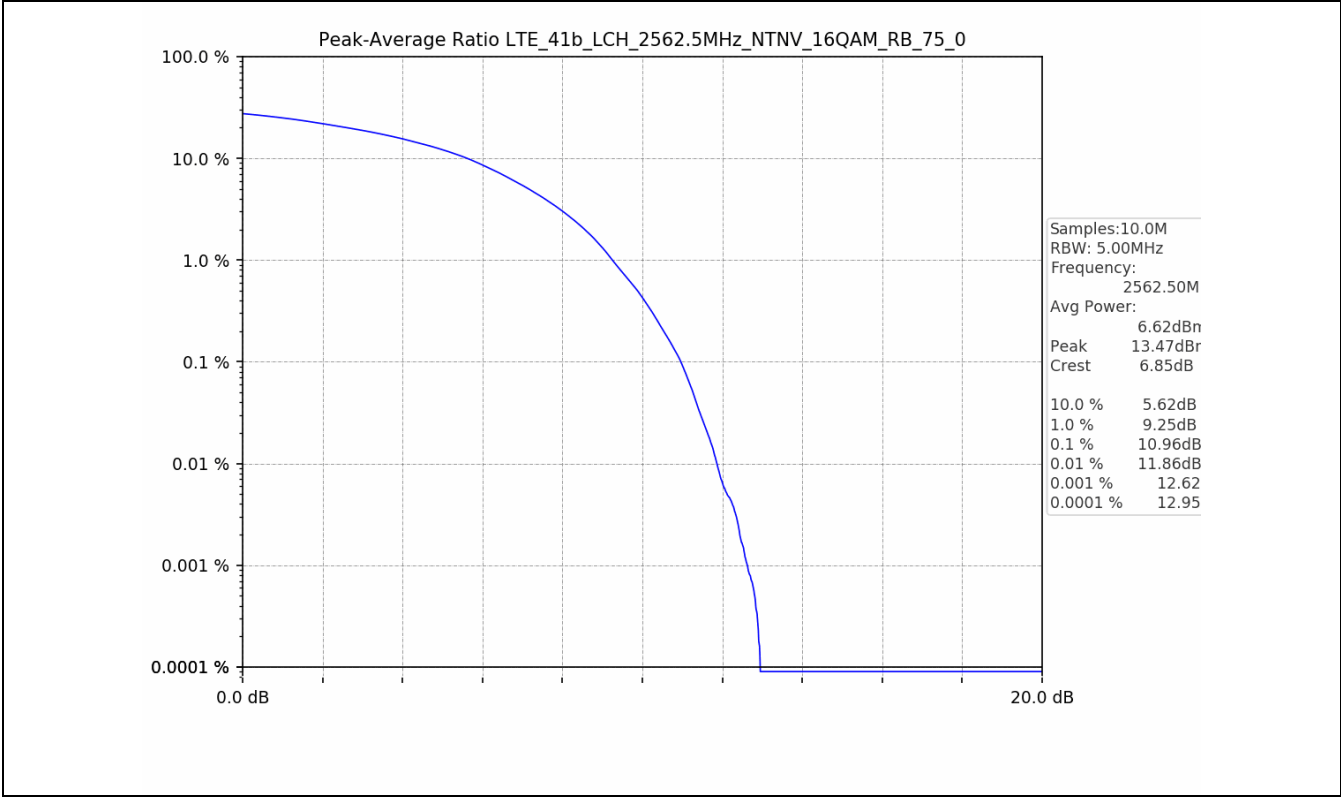


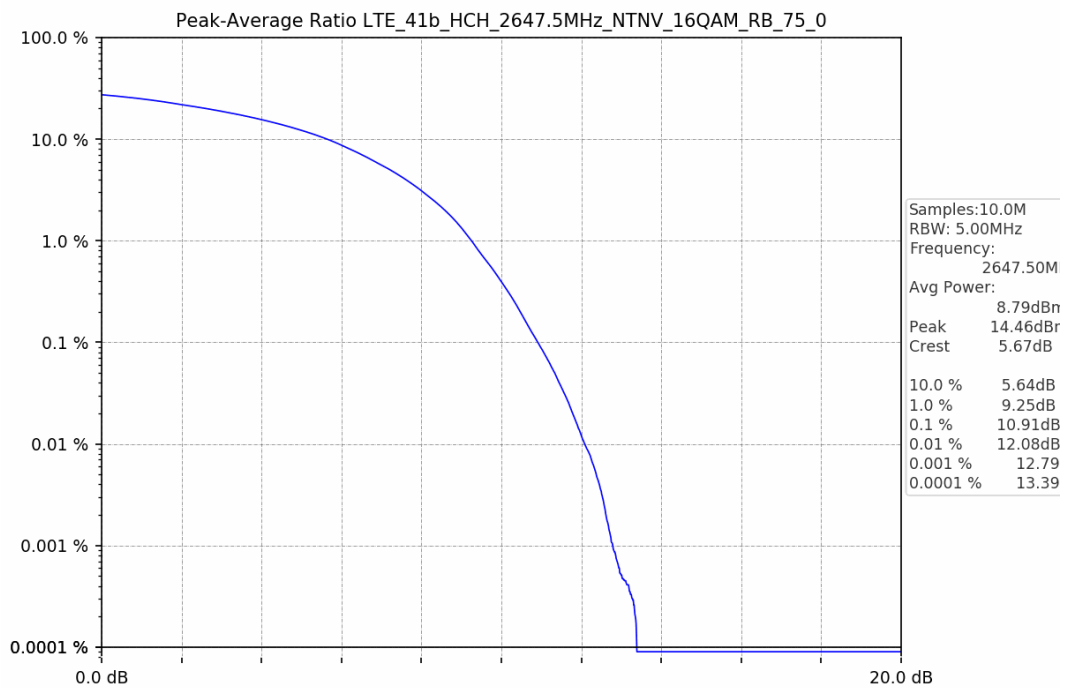
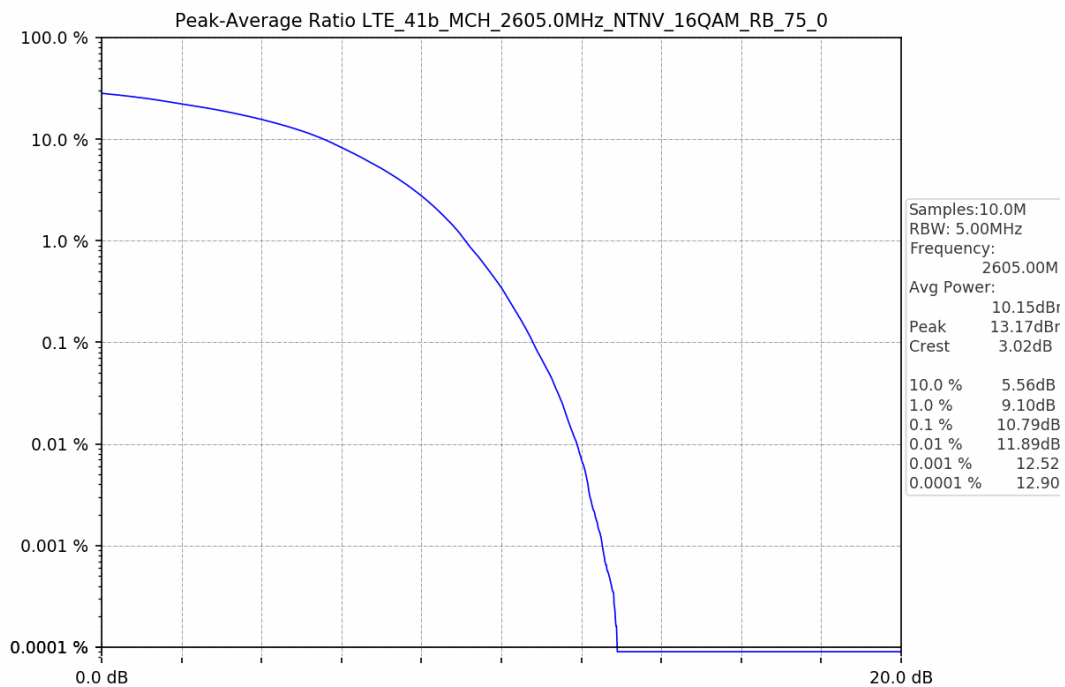


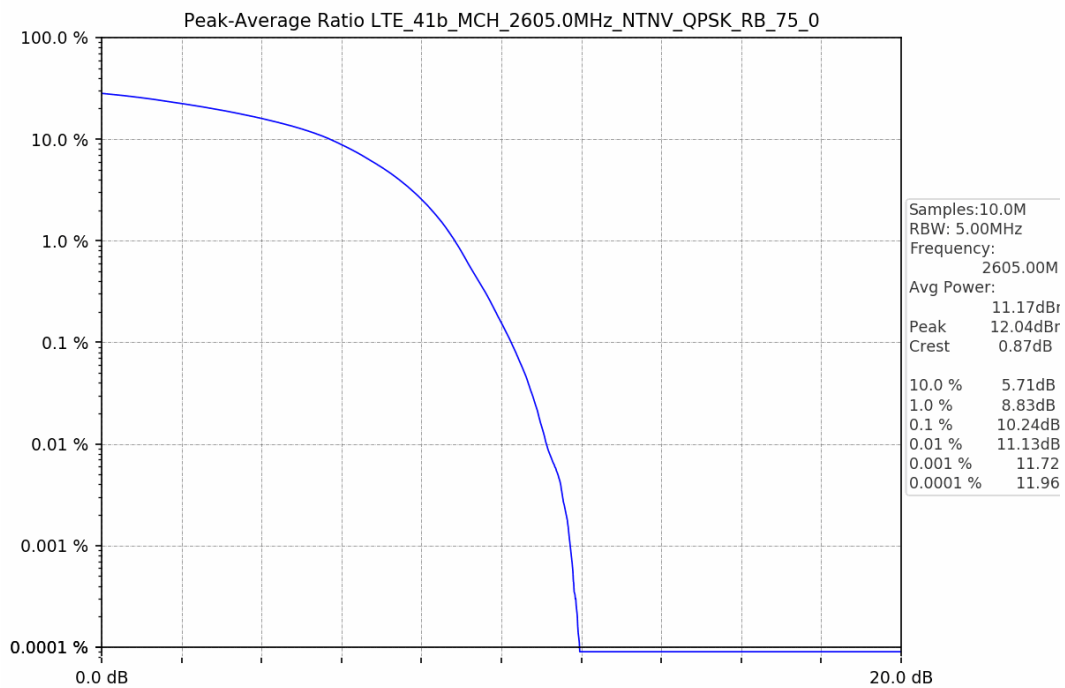
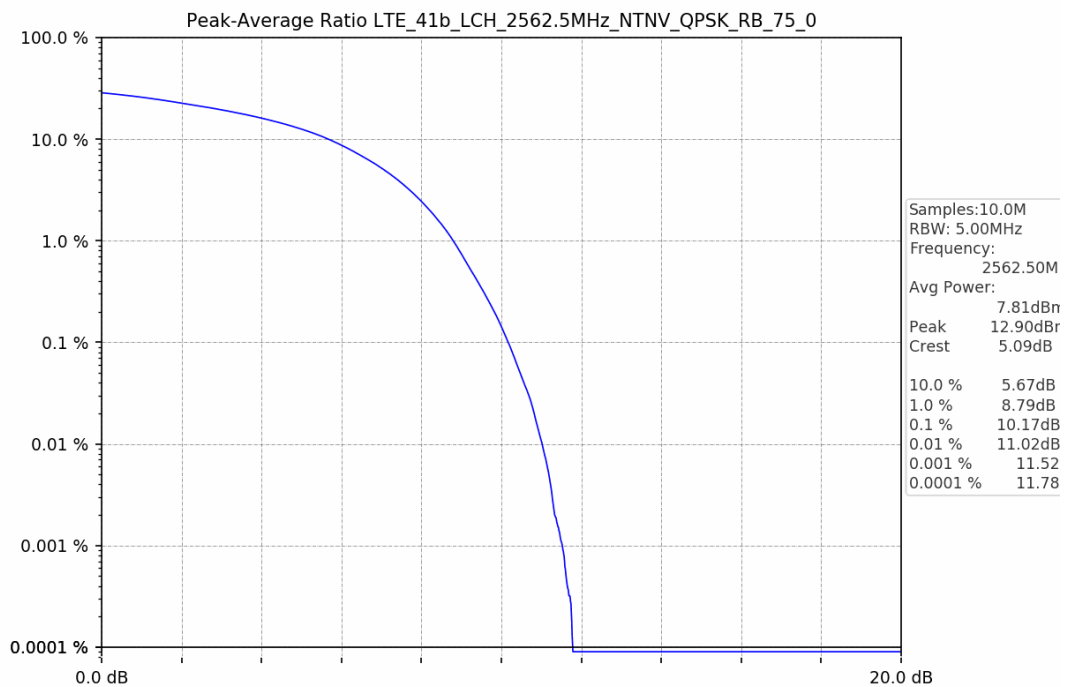
Test Band: 41b_15MHz Bandwidth				
Test Mode	RB Allocation	Test result (dB)	Limit (dB)	Verdict

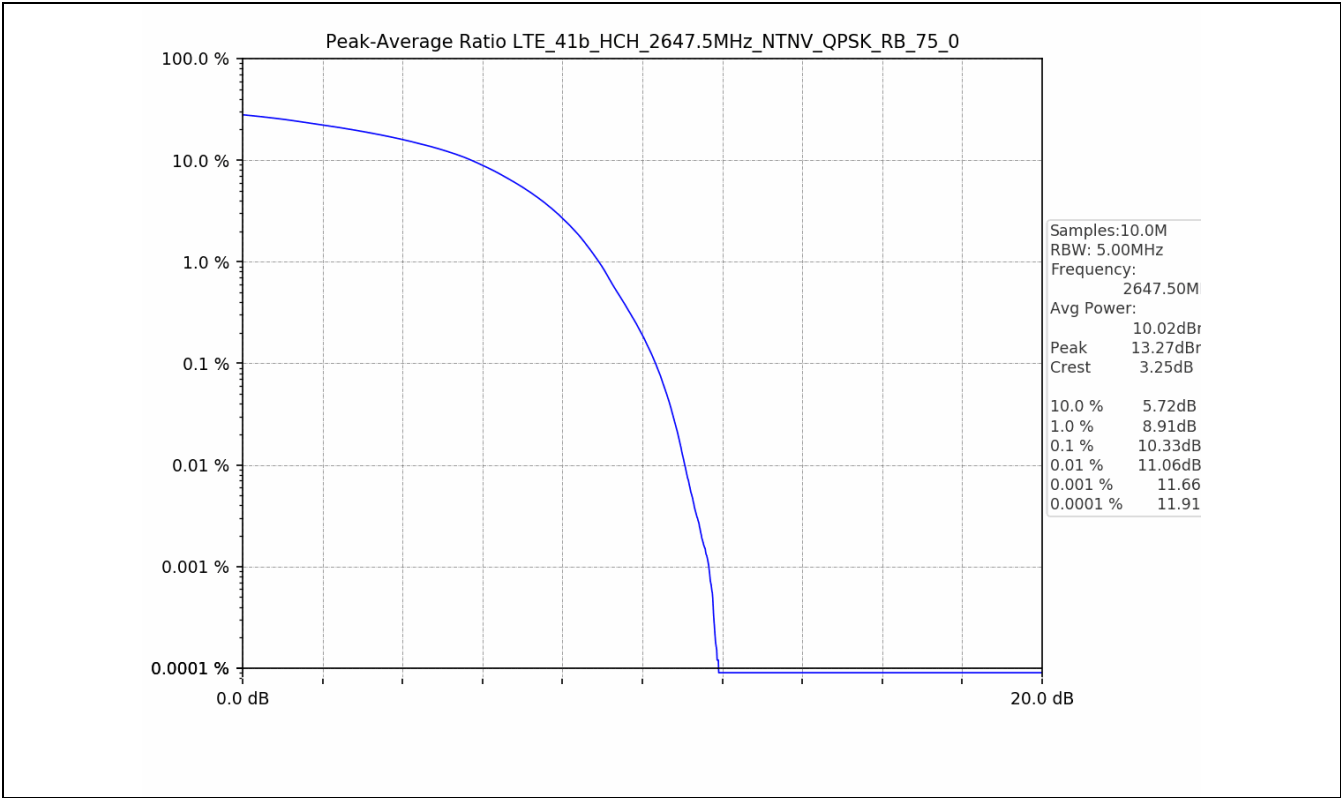
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	10.17	10.24	10.33	13	PASS
16QAM	75	0	10.96	10.79	10.91	13	PASS

5.2 Test Graph



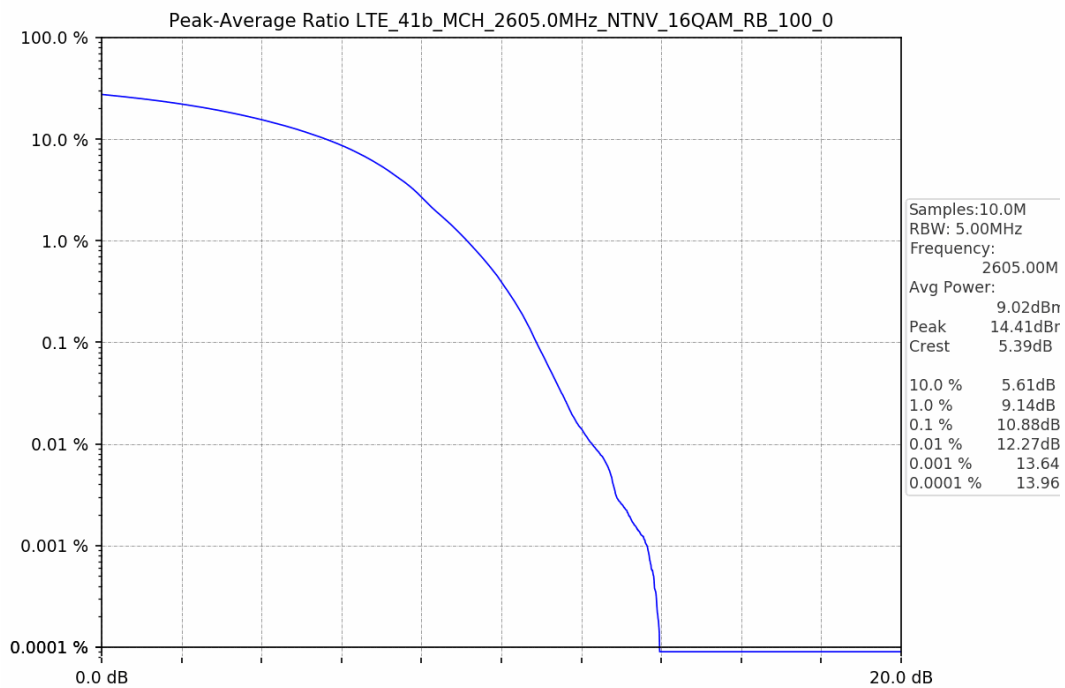
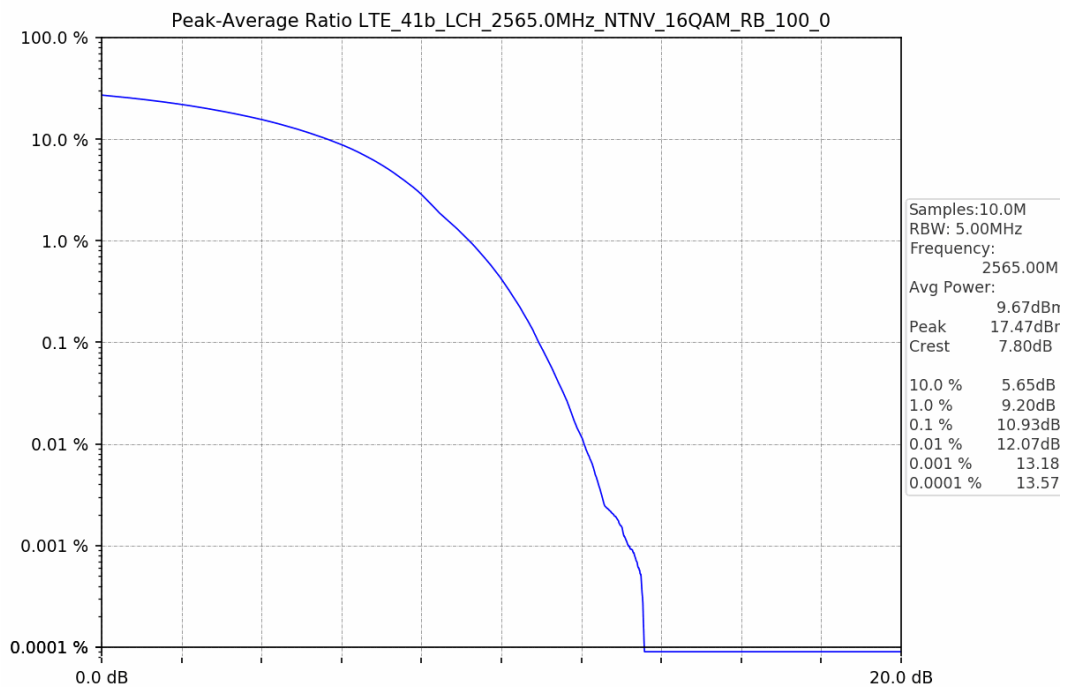


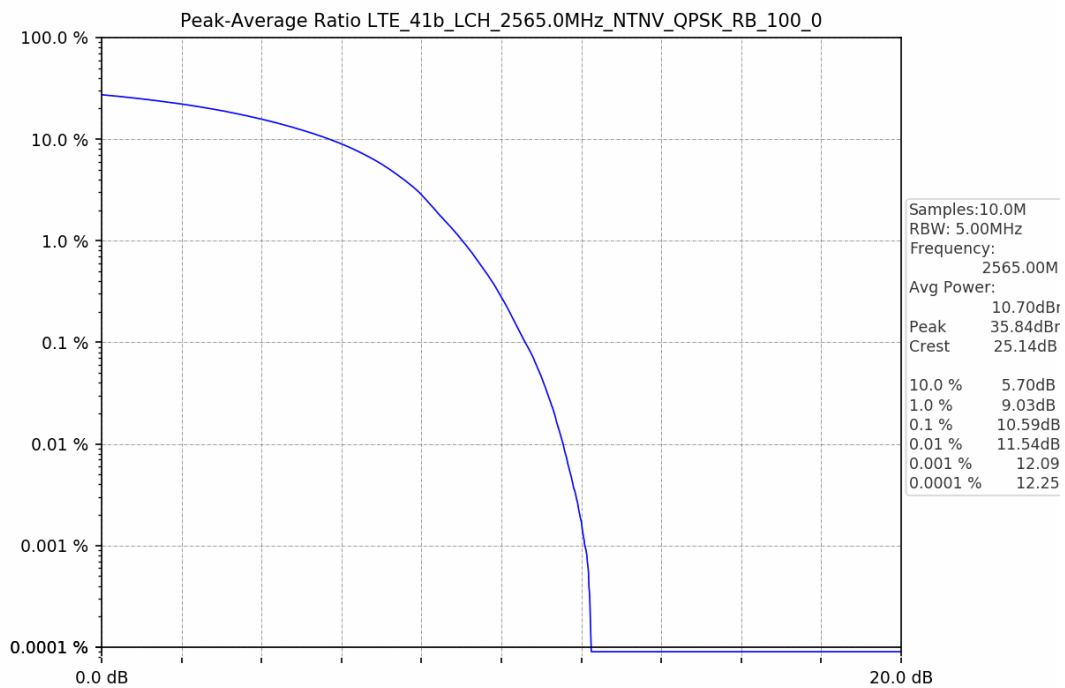
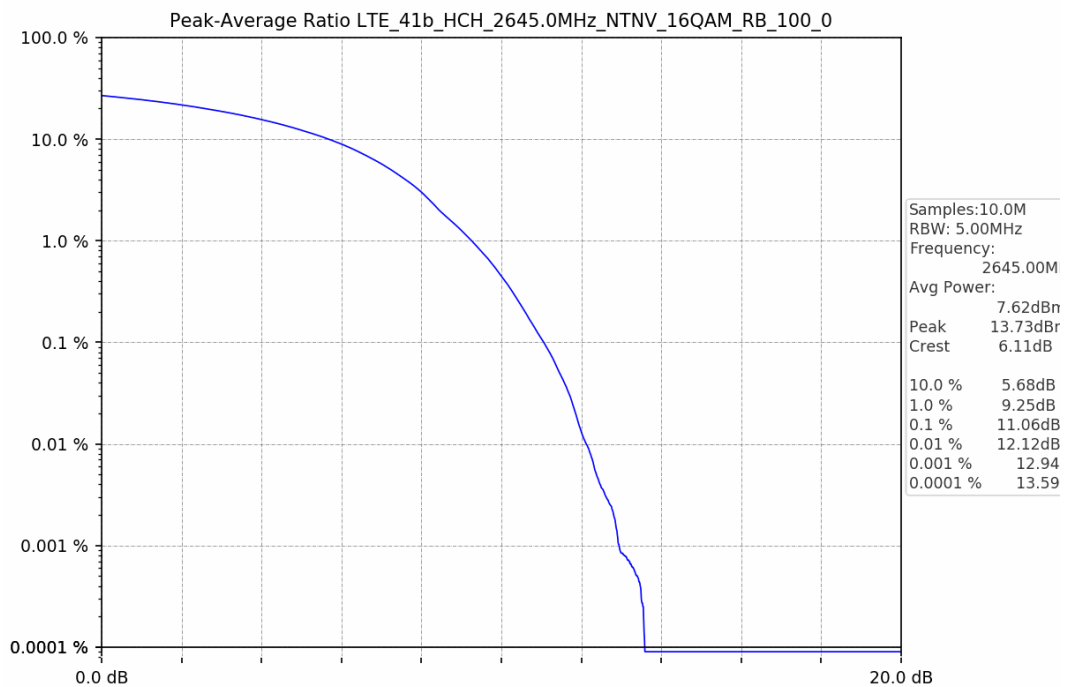


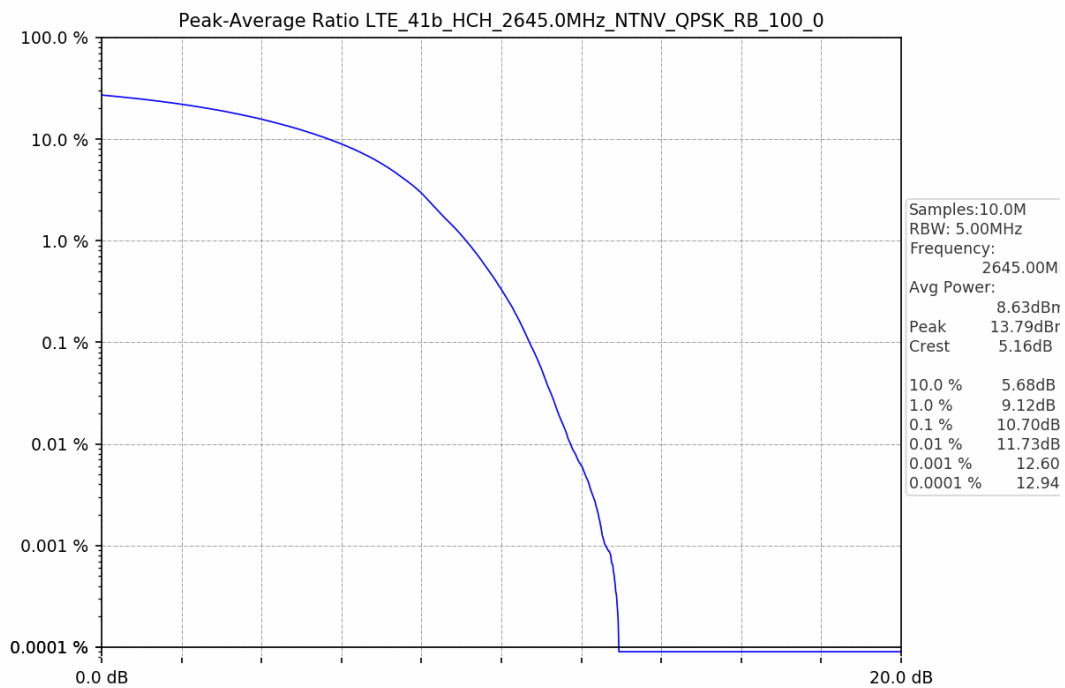
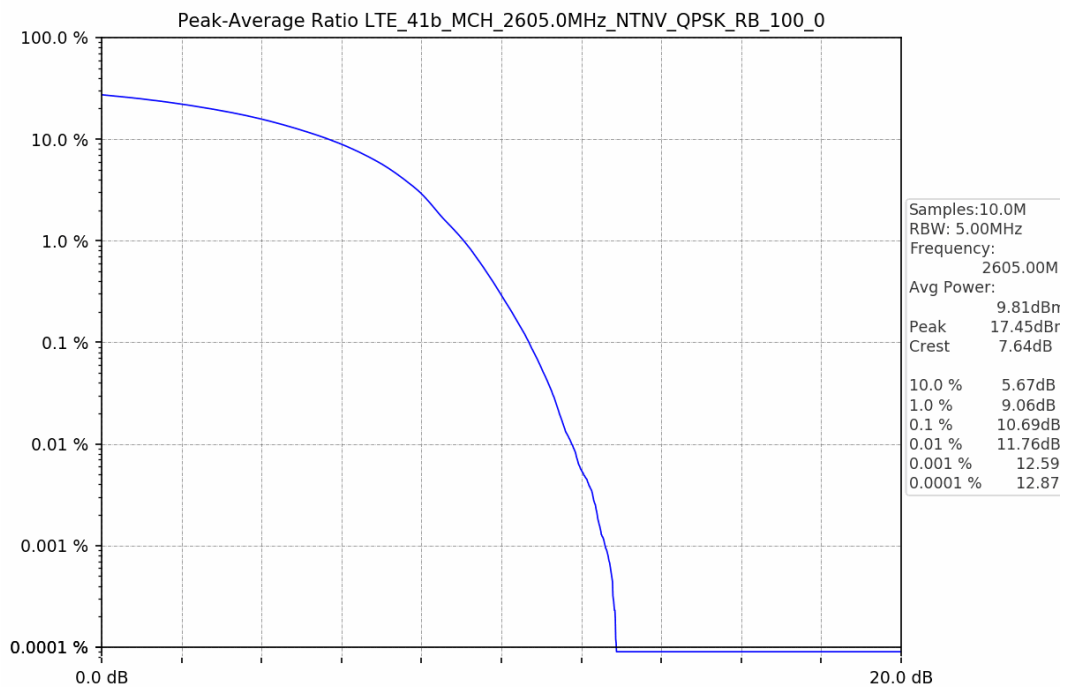


Test Band: 41b 20MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	10.59	10.69	10.70	13	PASS
16QAM	100	0	10.93	10.88	11.06	13	PASS

1.2 Test Graph





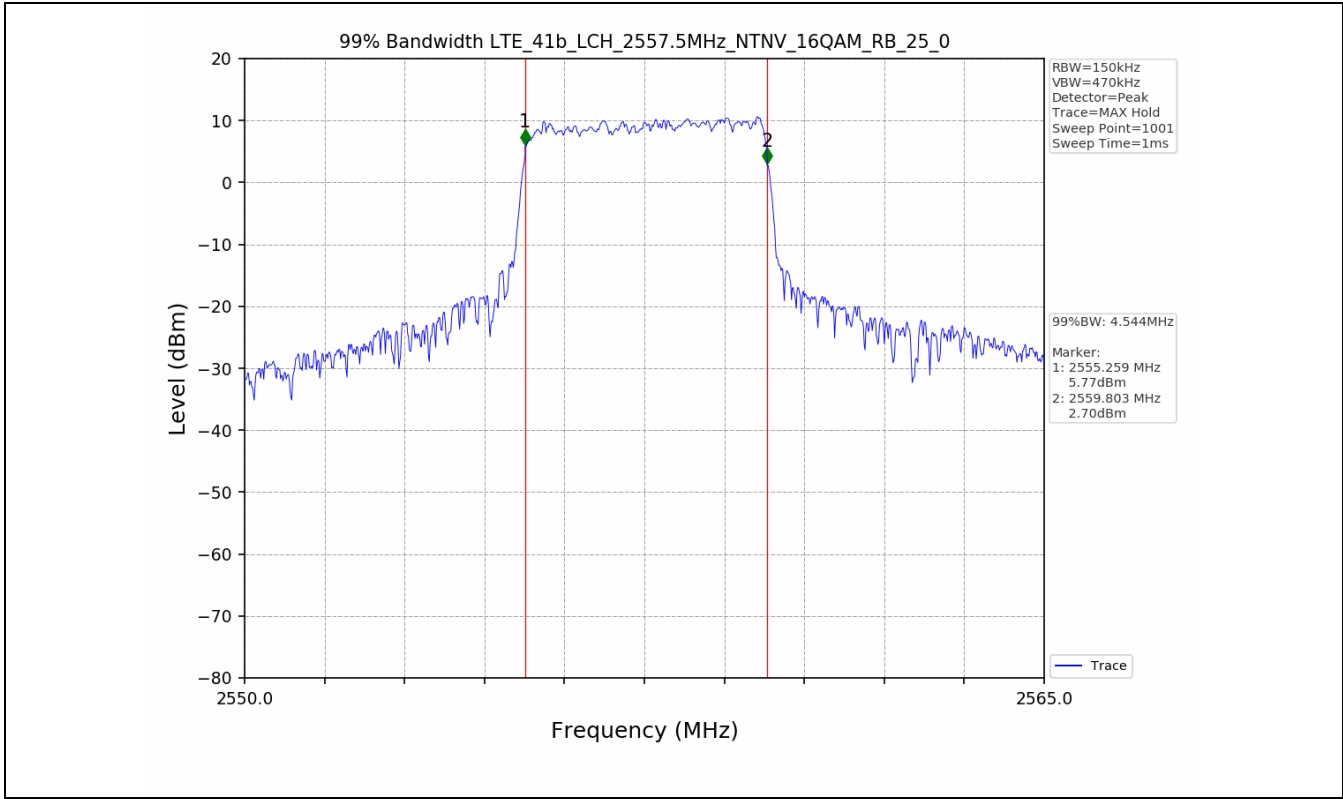


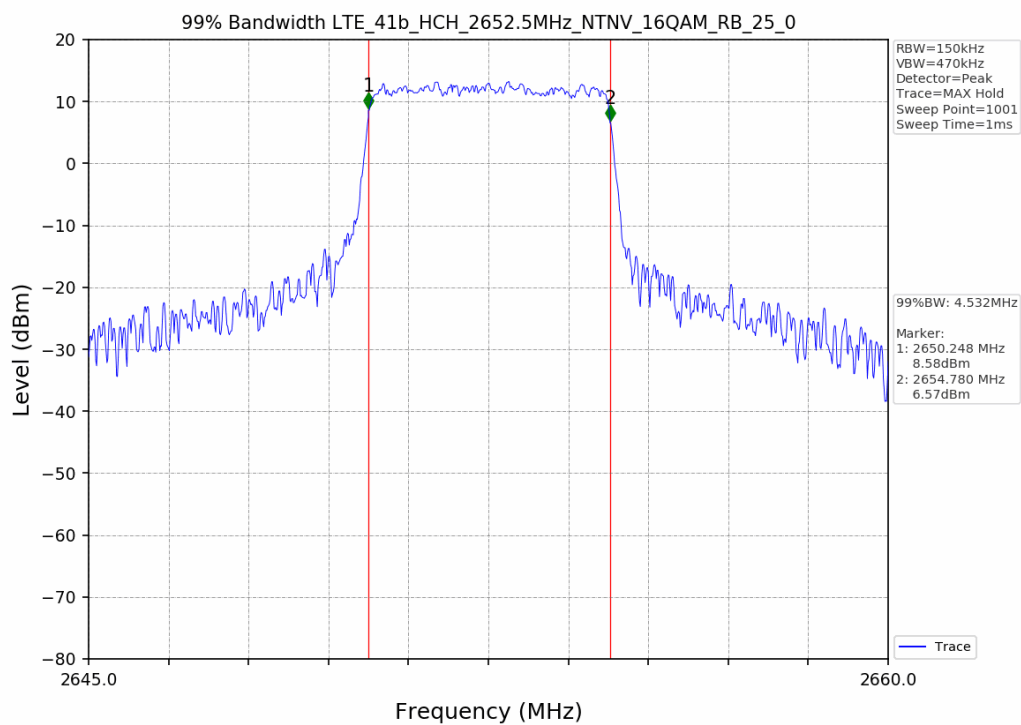
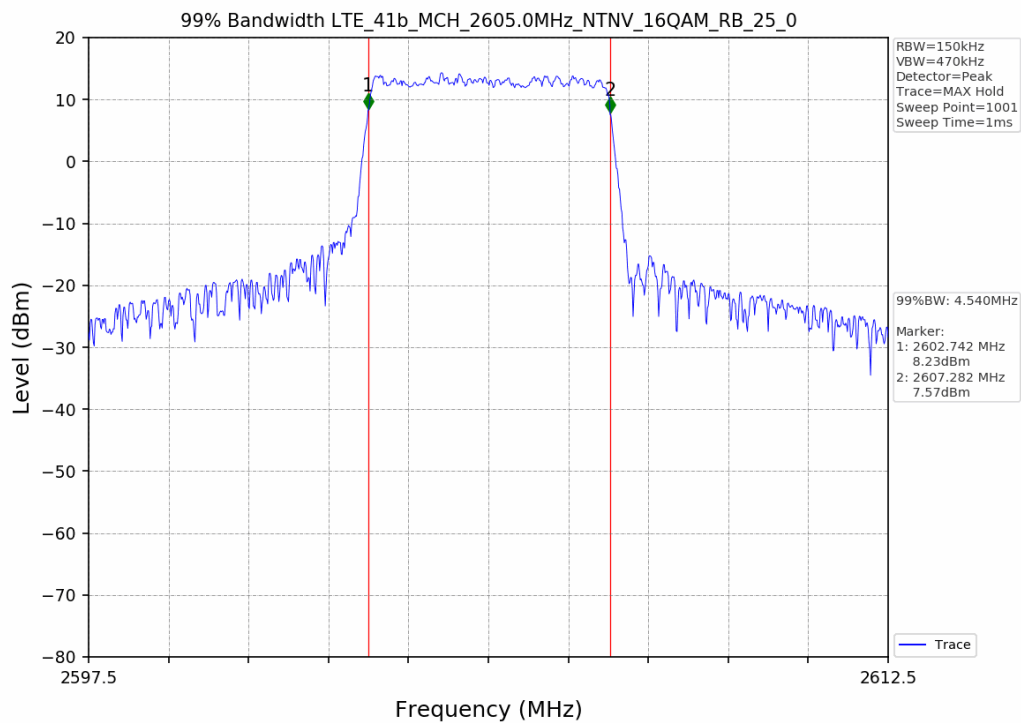
Appendix C: 26dB Bandwidth and Occupied Bandwidth

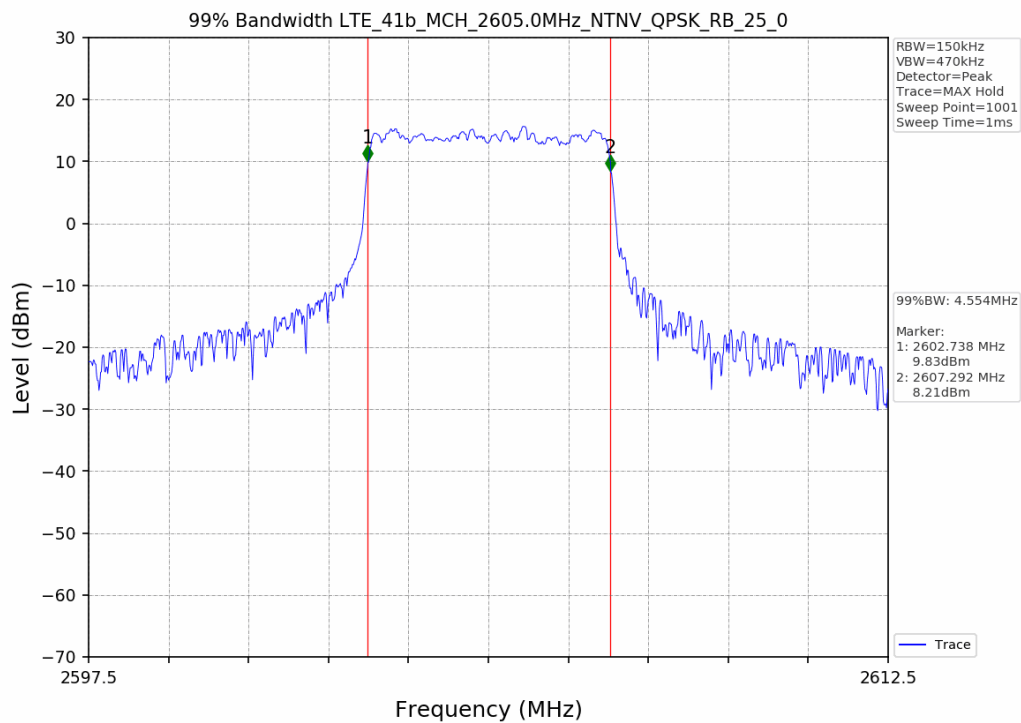
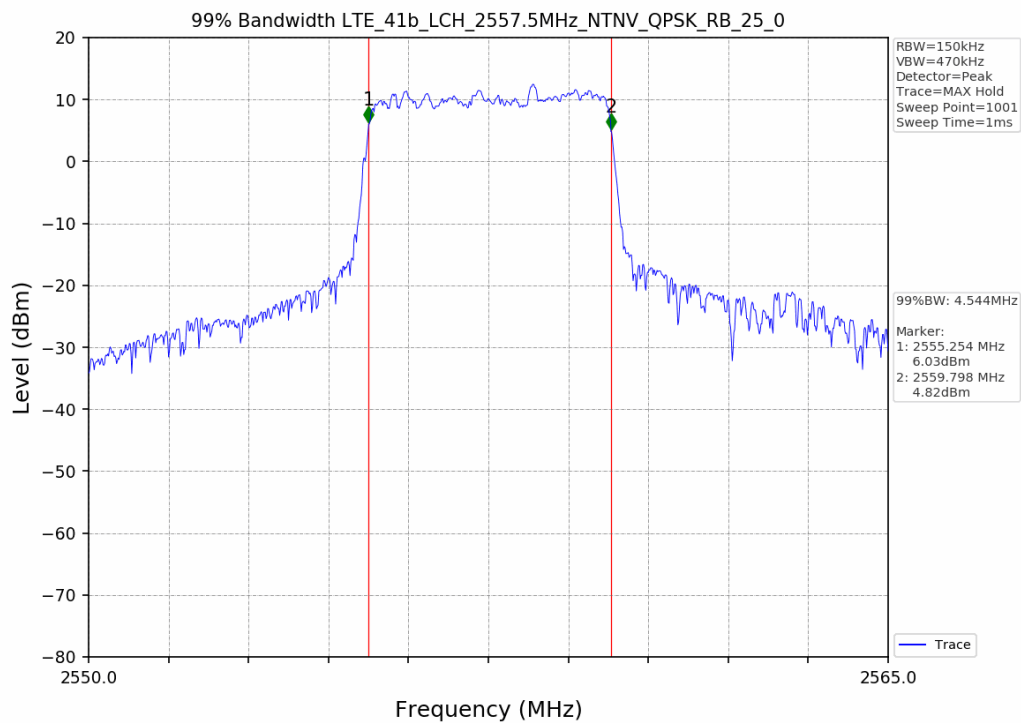
1 Test Result

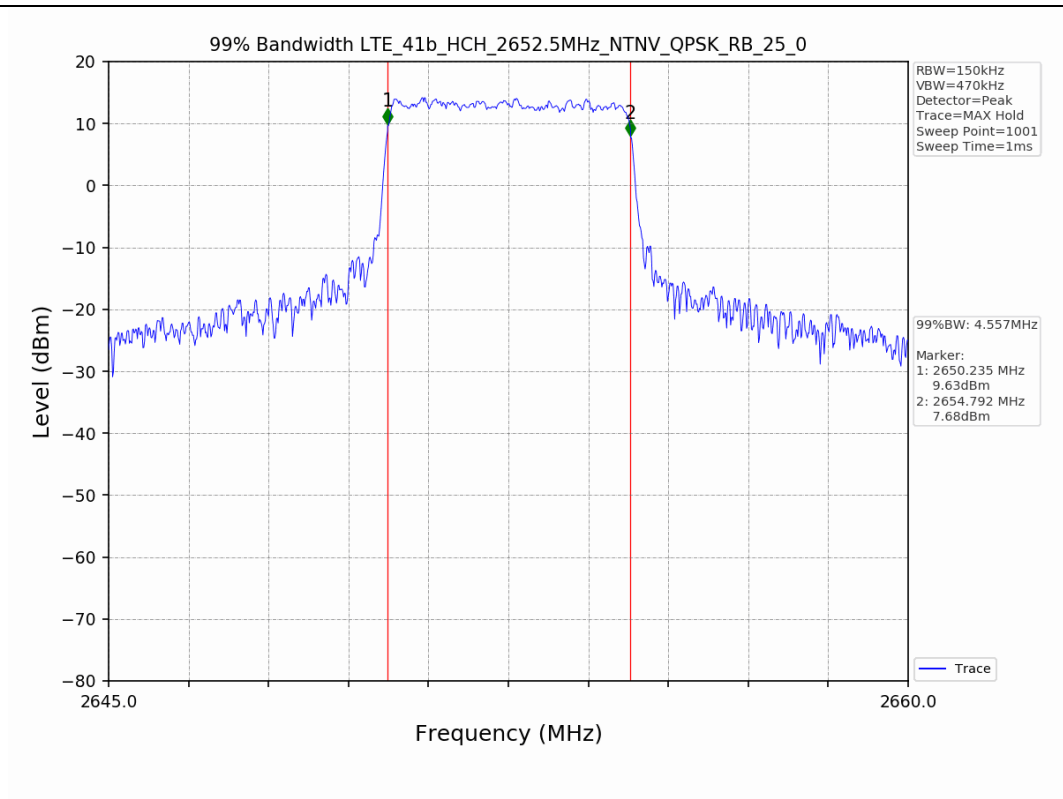
Test Band: 41b_5MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.544	4.554	4.557	N/A	PASS
16QAM	25	0	4.544	4.540	4.532	N/A	PASS

1.2 Test Graph



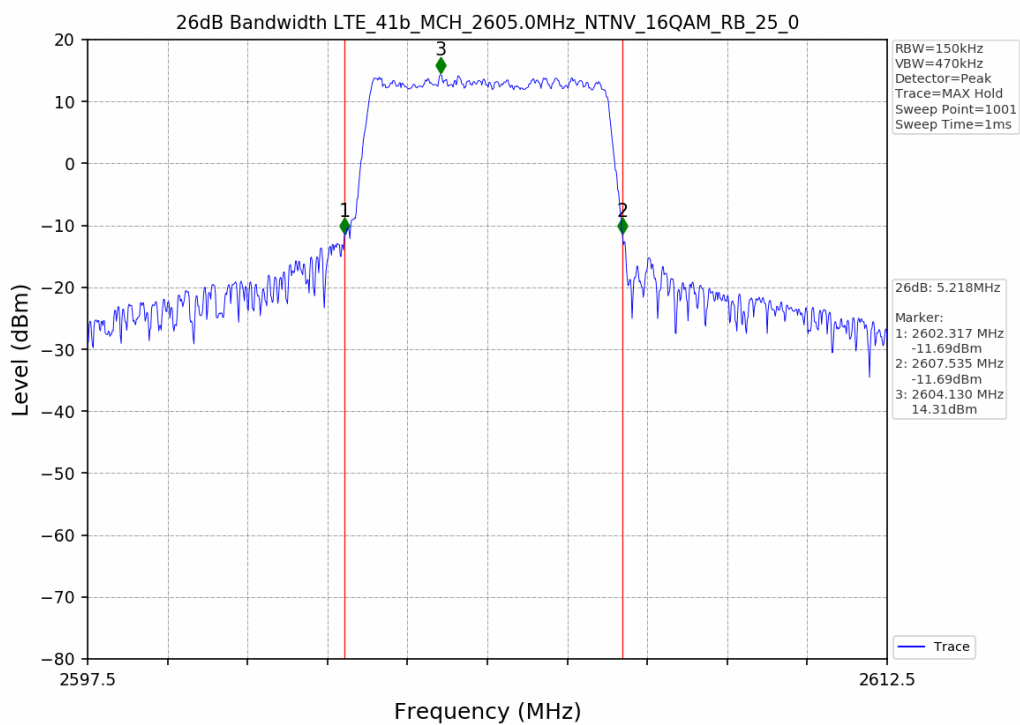
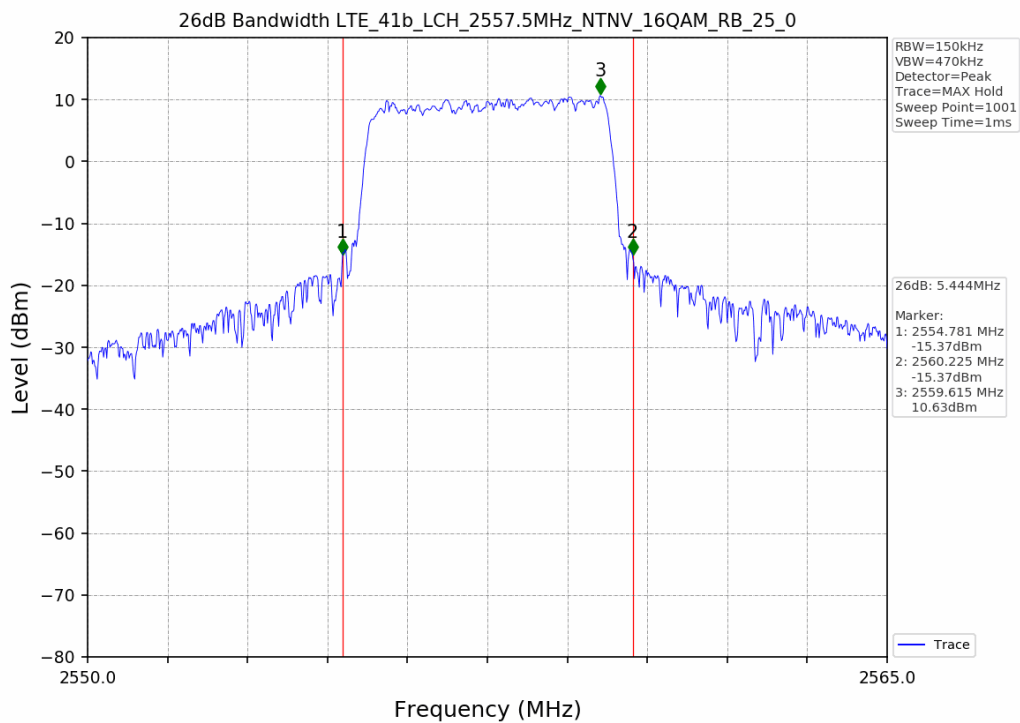


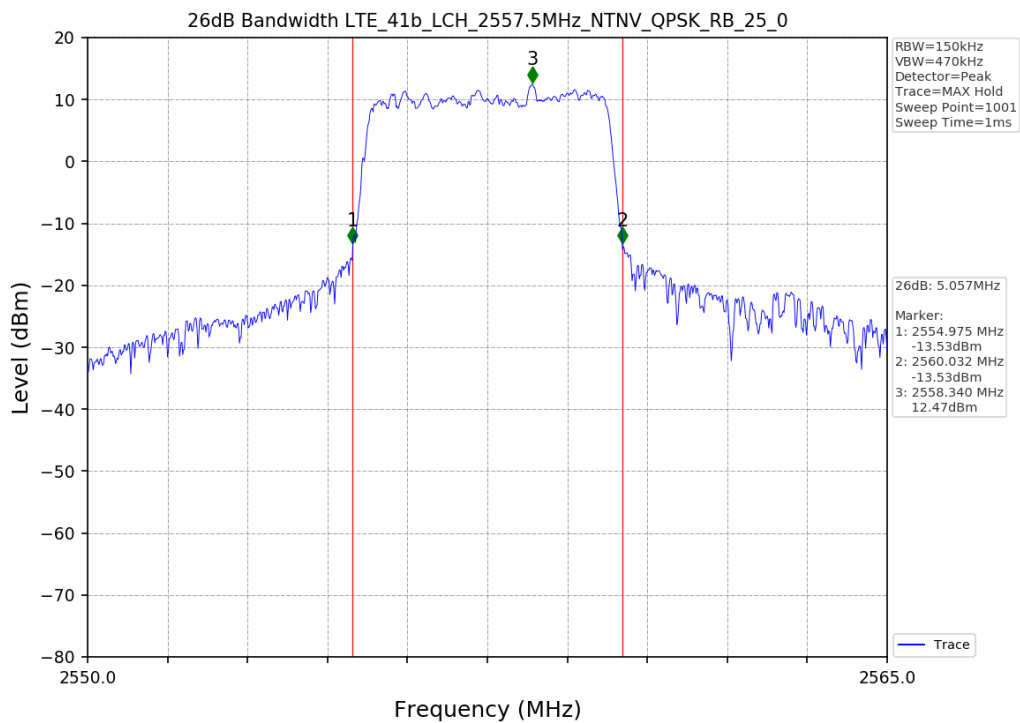
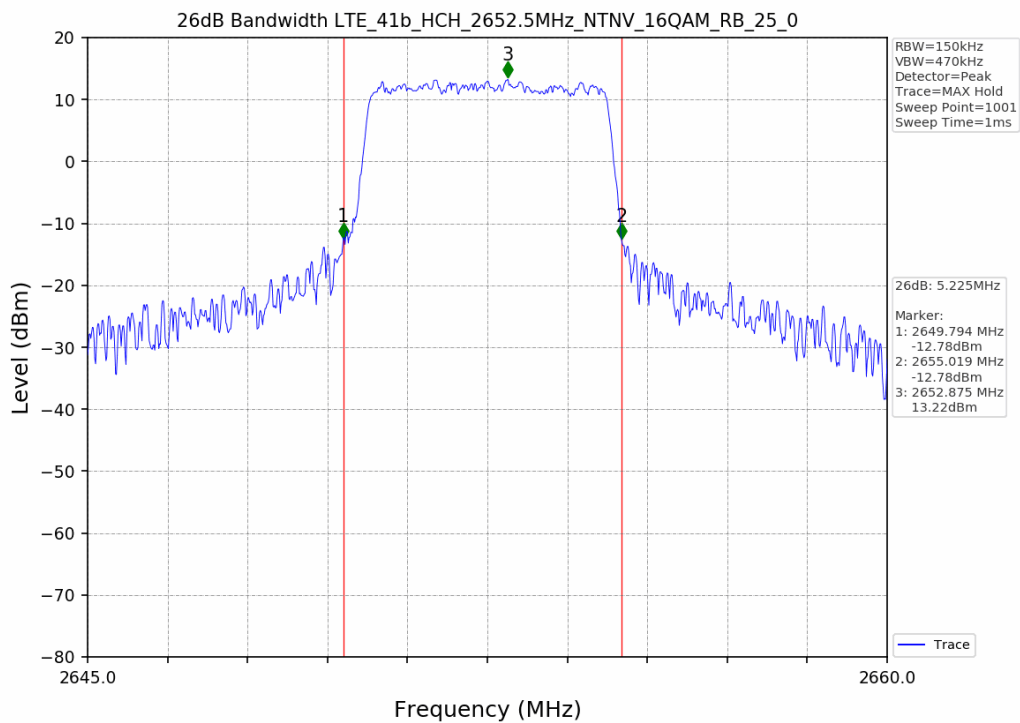


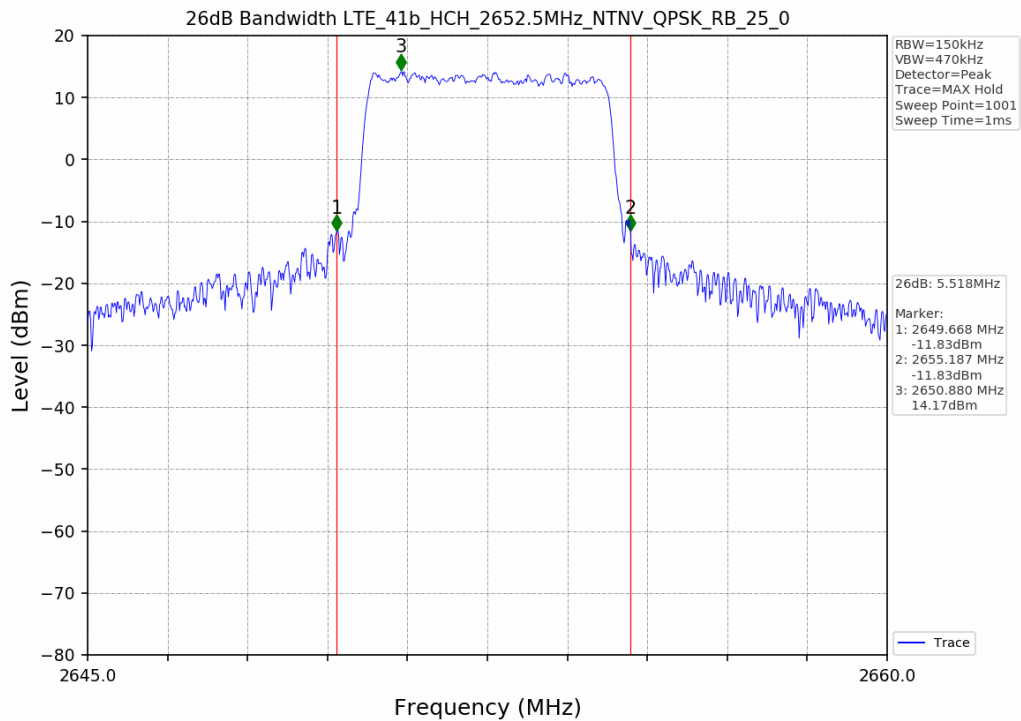
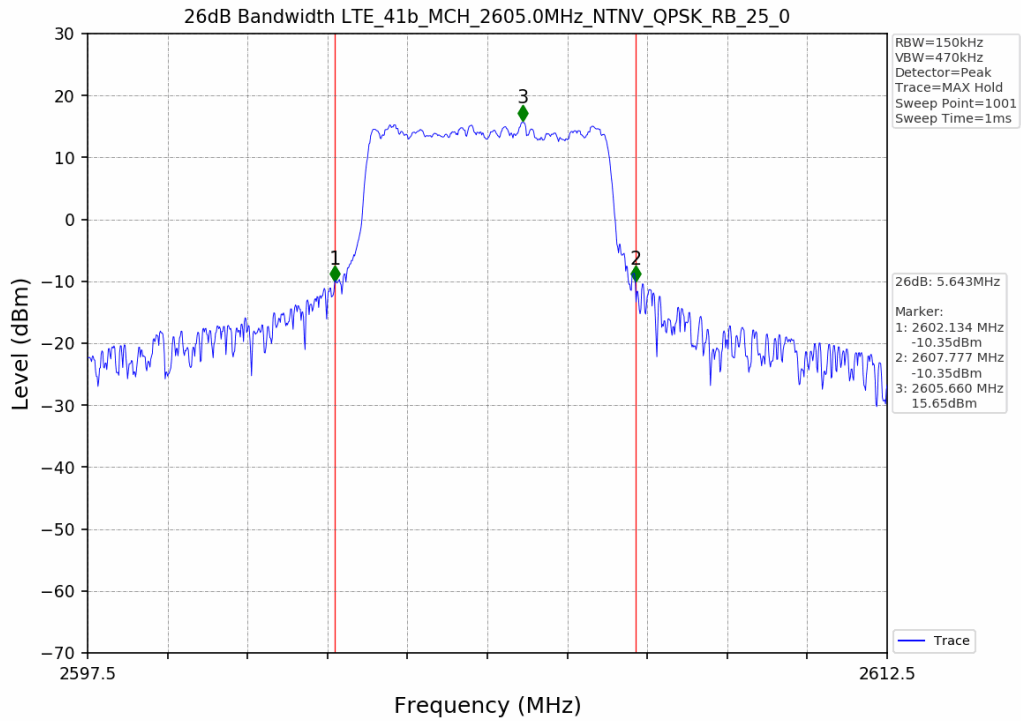


Test Band: 41b 5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.057	5.643	5.518	N/A	PASS
16QAM	25	0	5.444	5.218	5.225	N/A	PASS

1.3 Test Graph





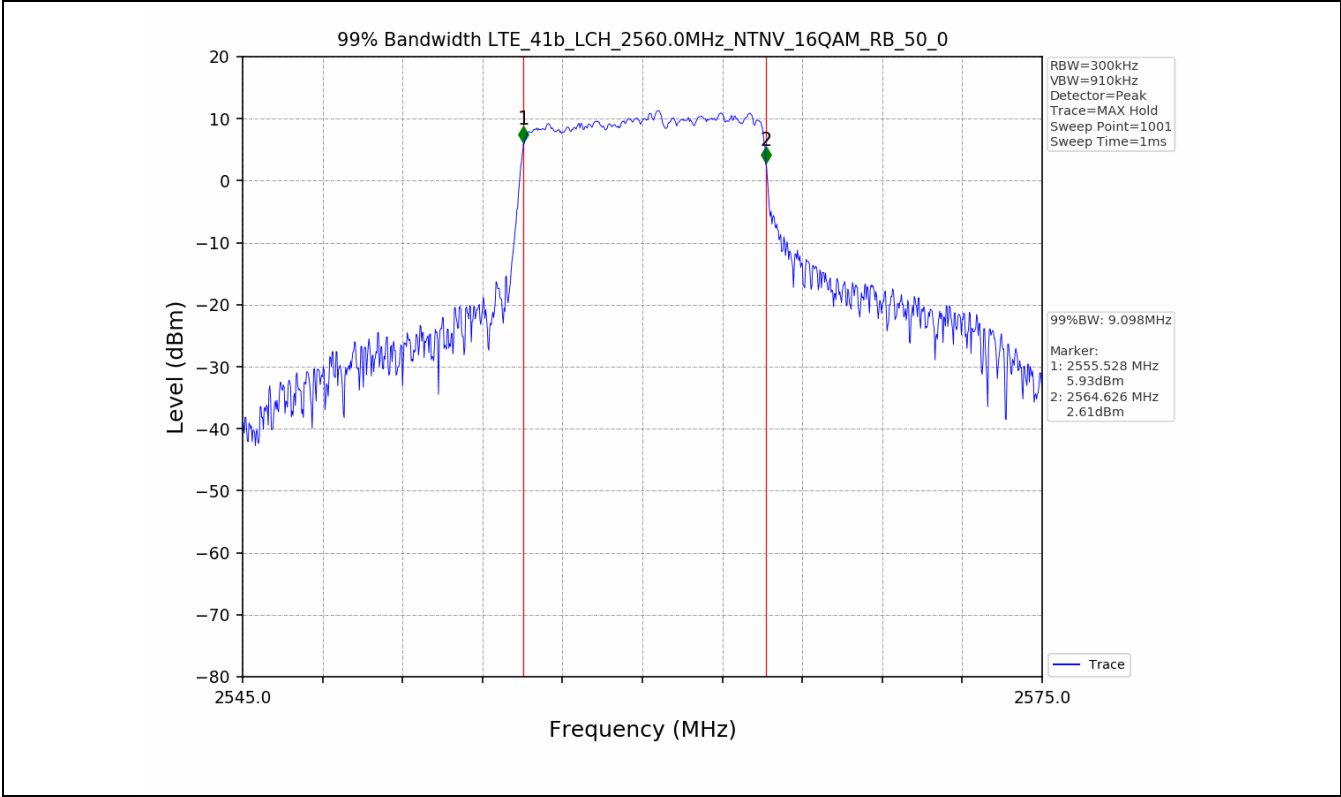


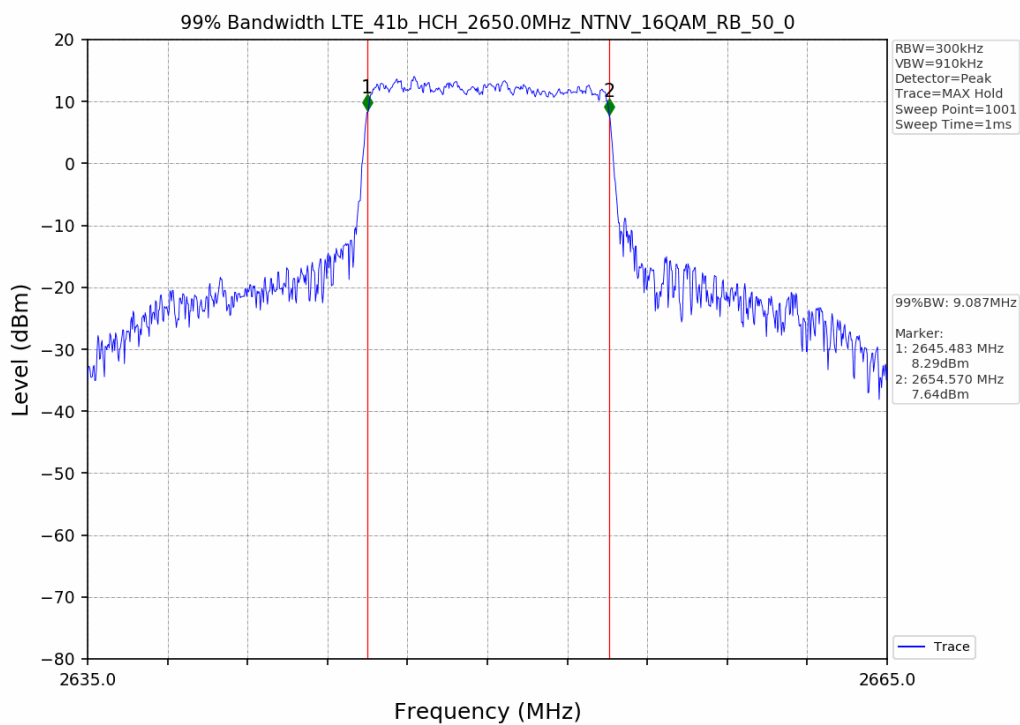
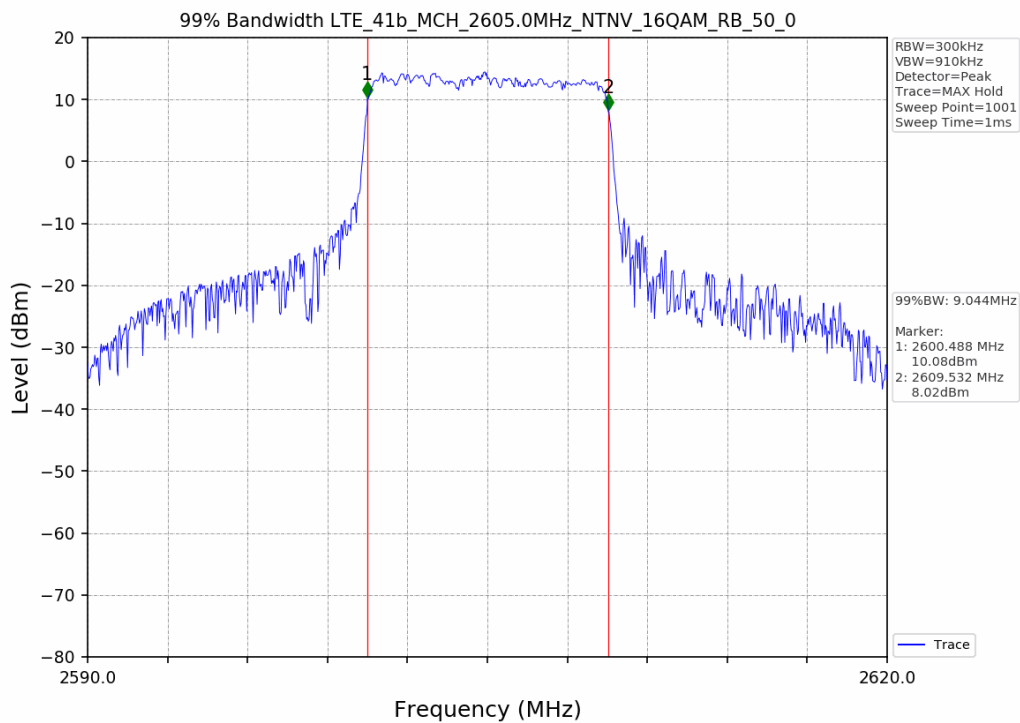
Test Band: 41b_10MHz Bandwidth

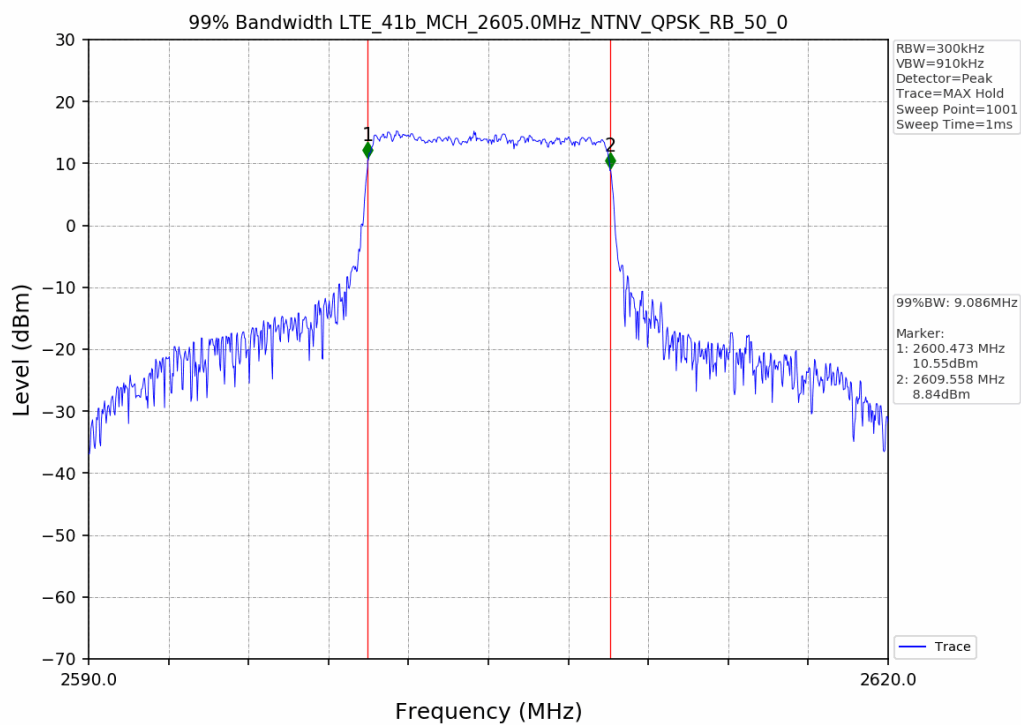
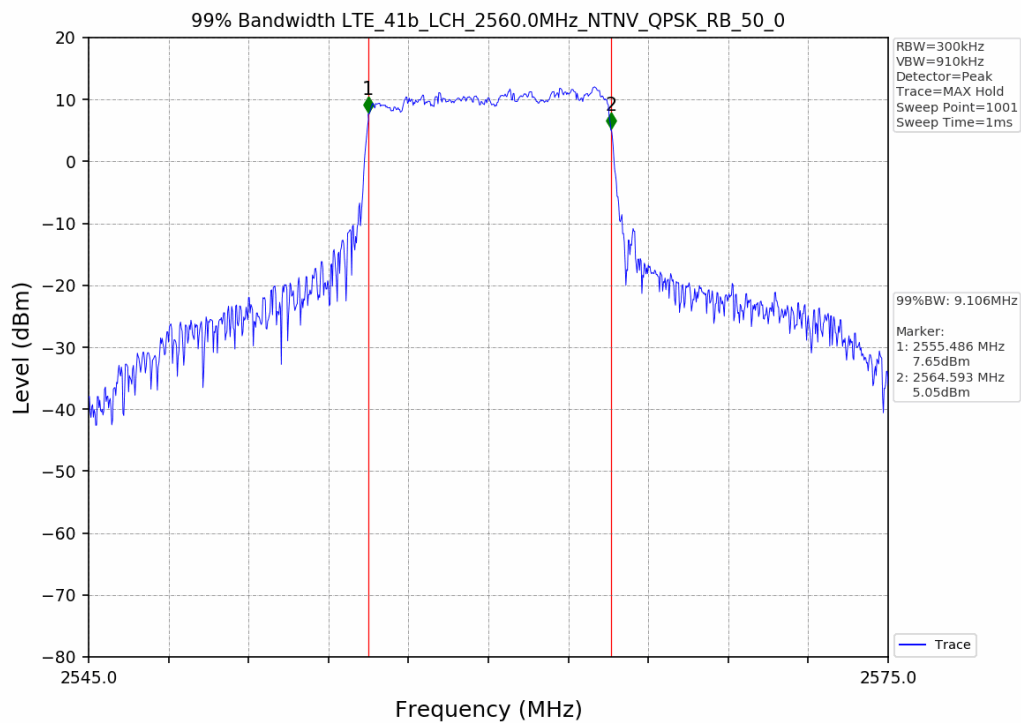
Test Mode	RB Allocation	99% Occupied Bandwidth (MHz)	Limit	Verdict
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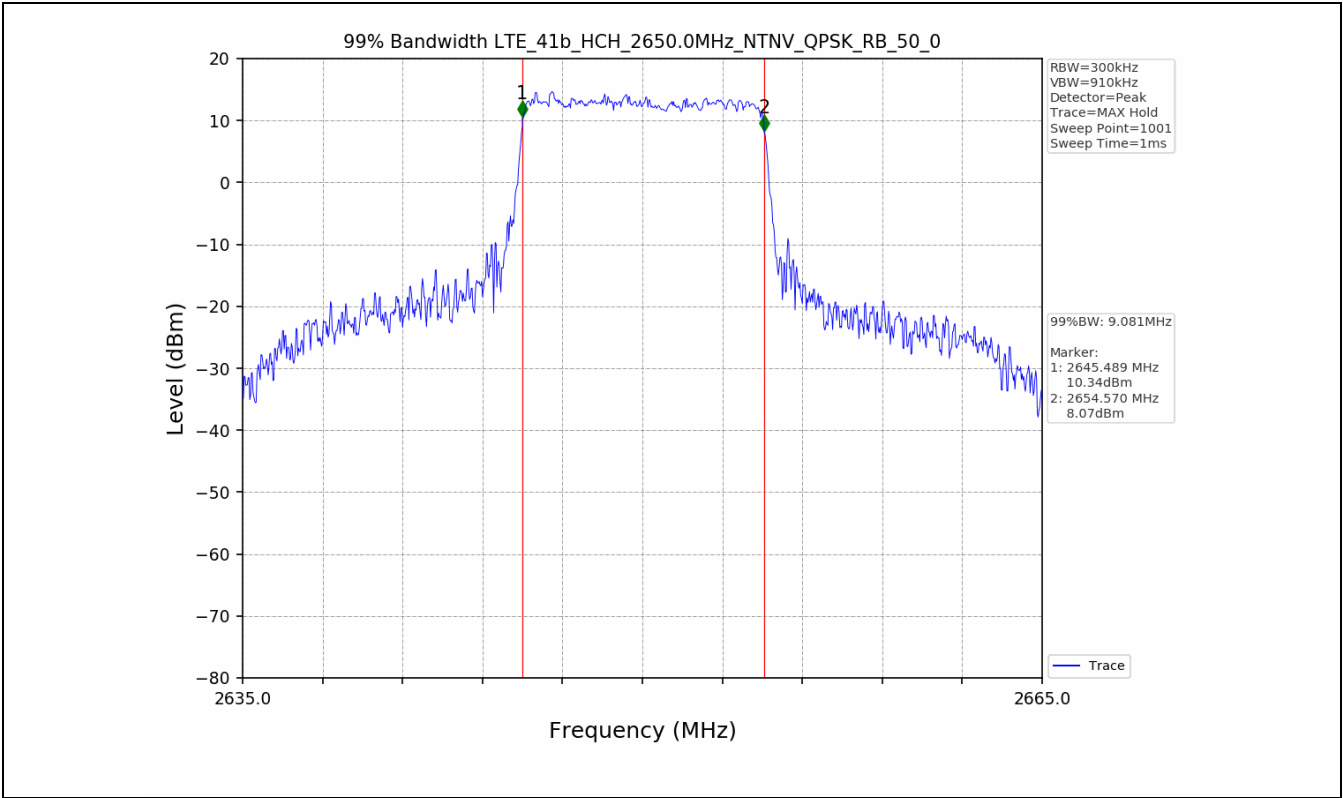
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.106	9.086	9.081	N/A	PASS
16QAM	50	0	9.098	9.044	9.087	N/A	PASS

1.4 Test Graph



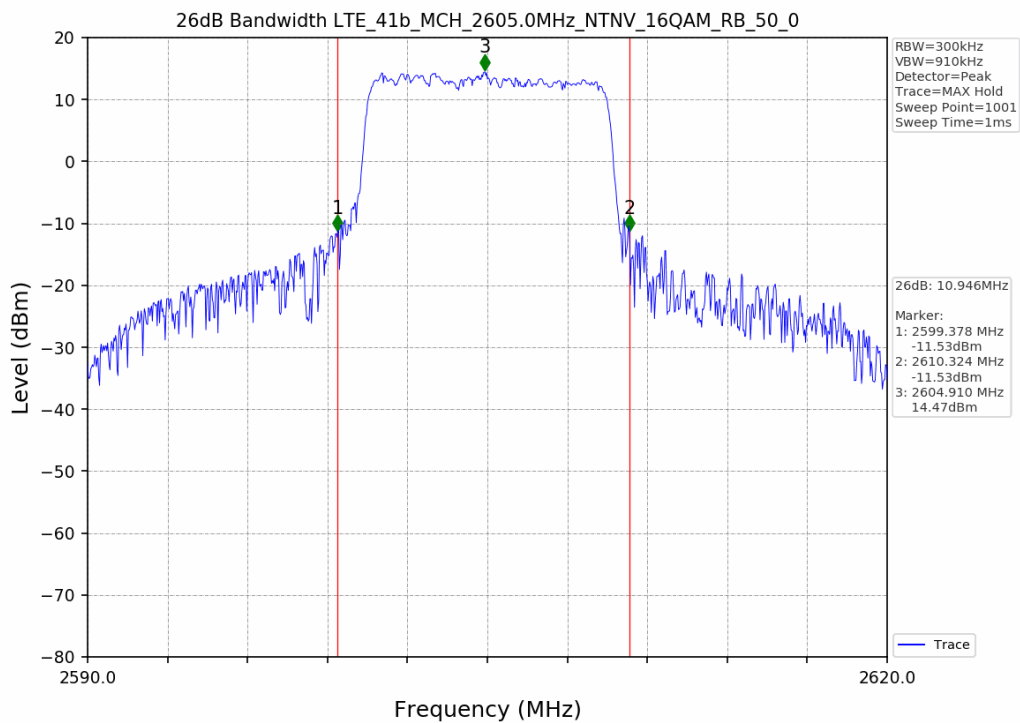
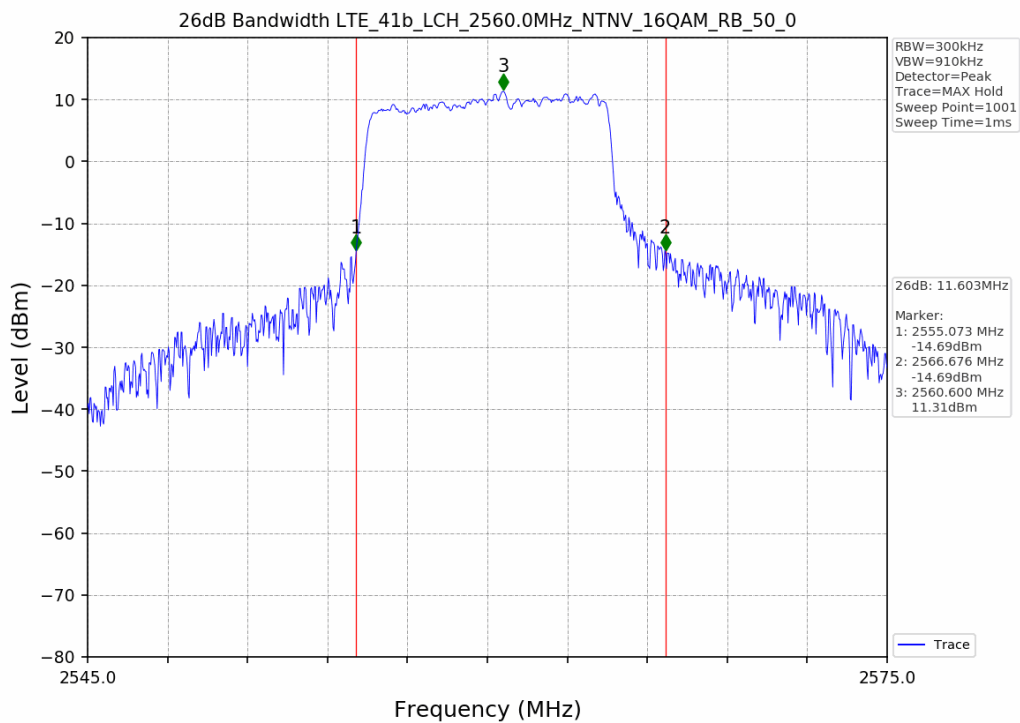


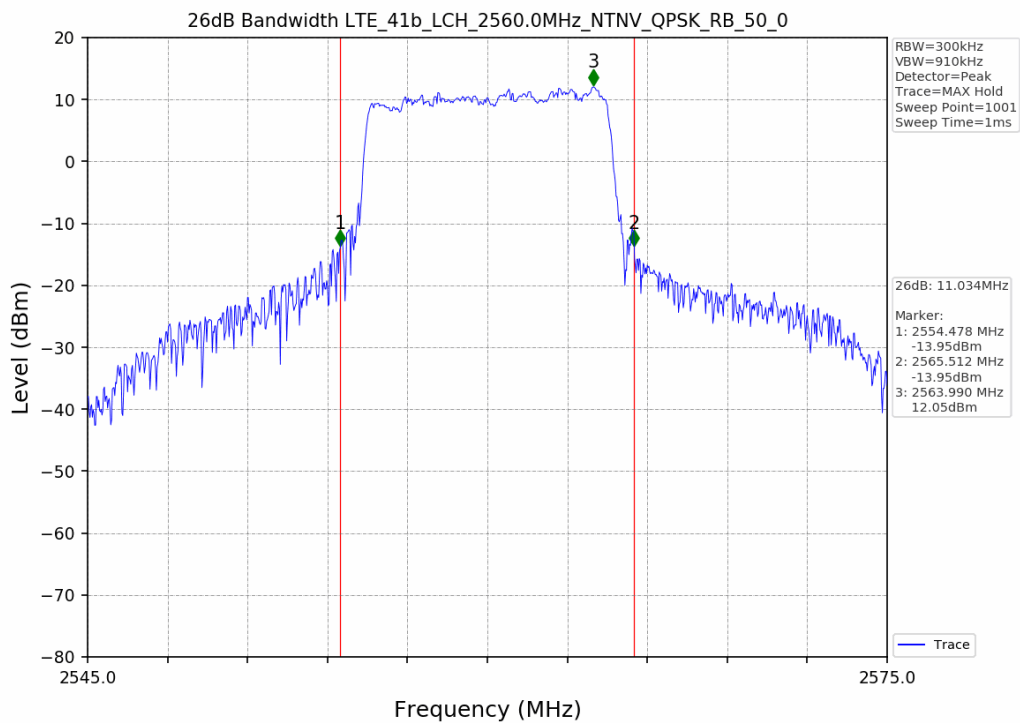
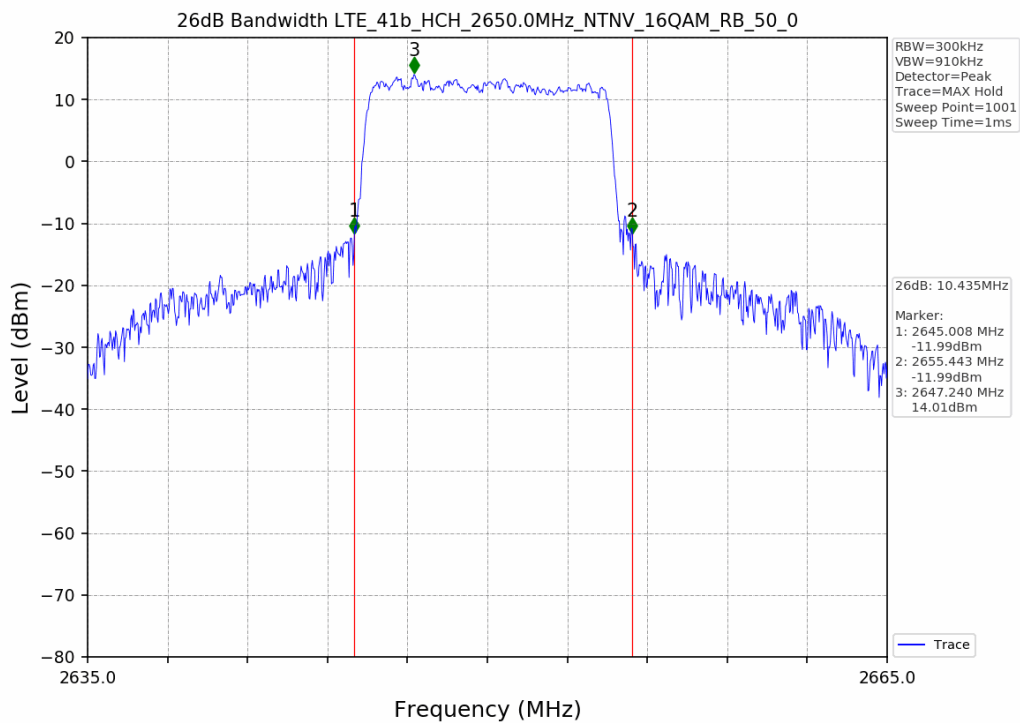


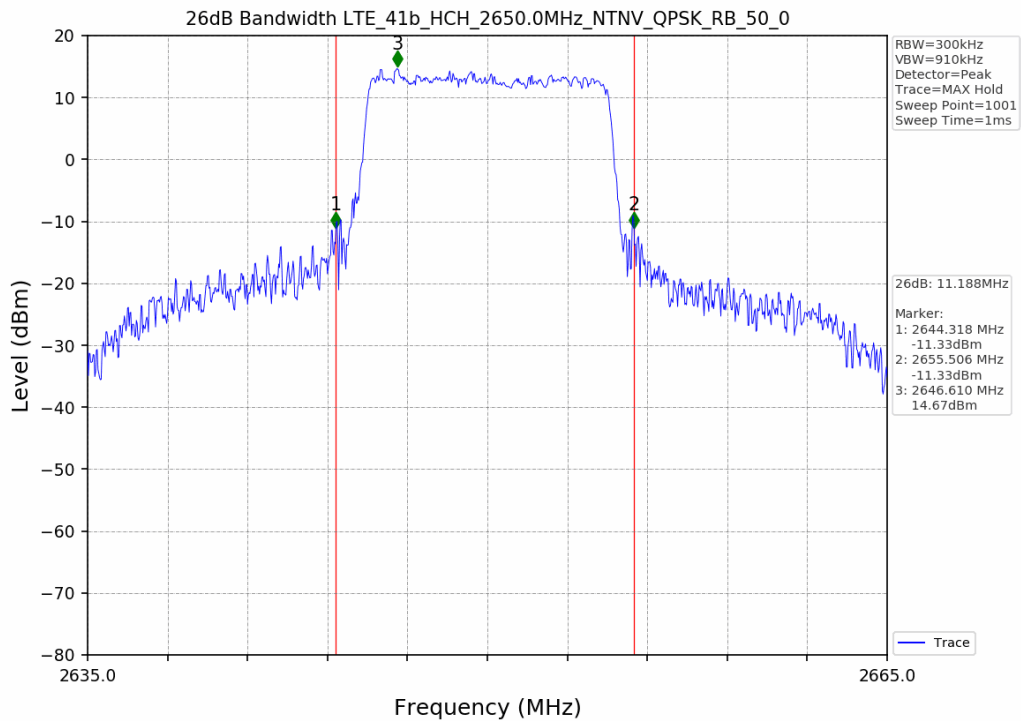
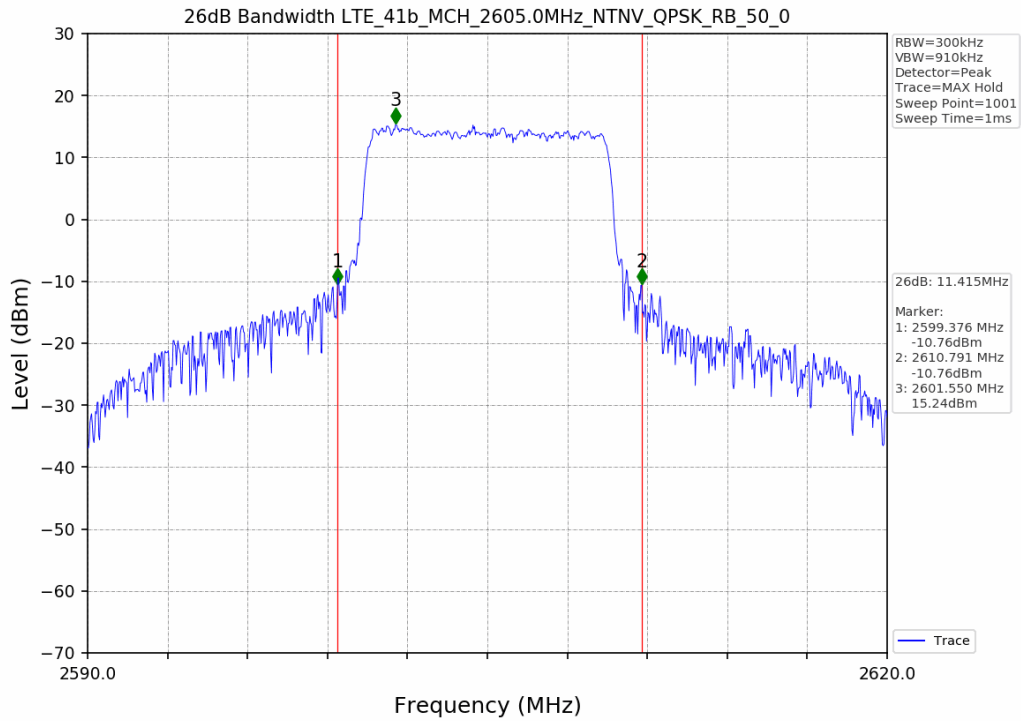


Test Band: 41b_10MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	11.034	11.415	11.188	N/A	PASS
16QAM	50	0	11.603	10.946	10.435	N/A	PASS

1.5 Test Graph



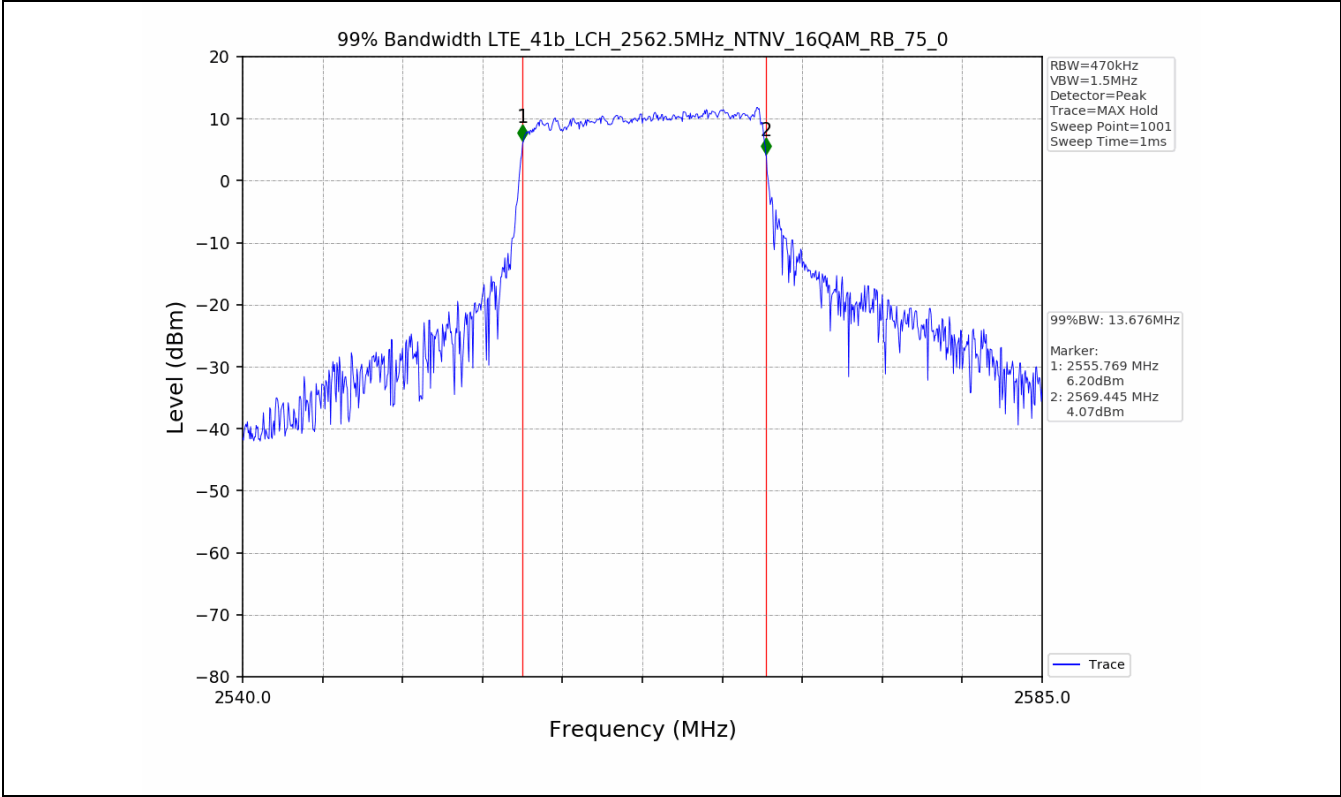


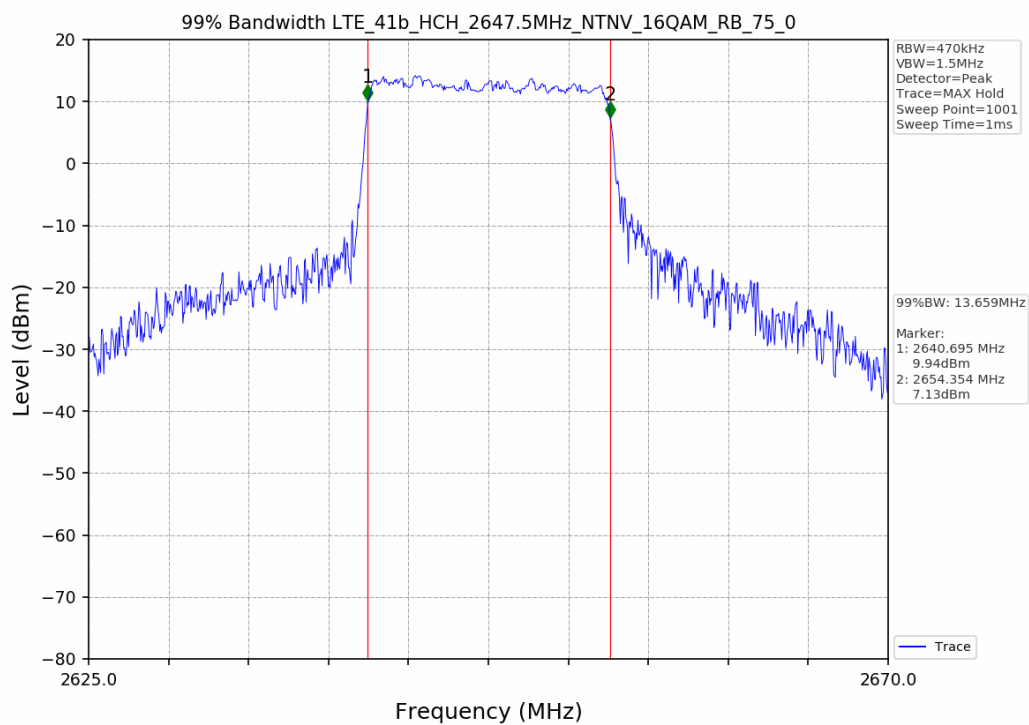
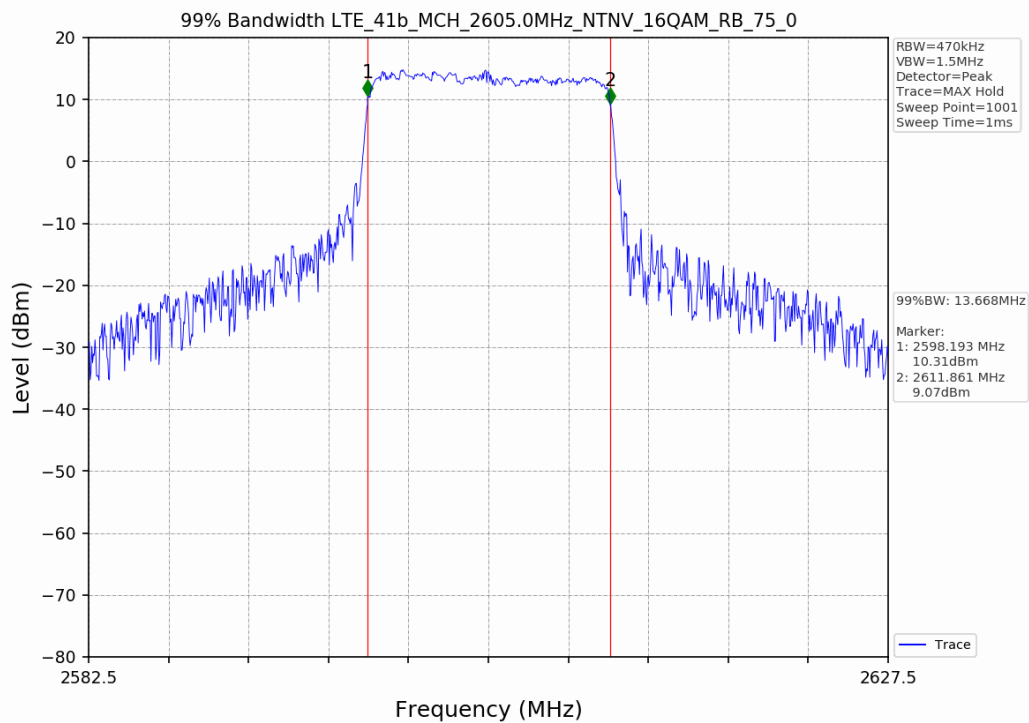


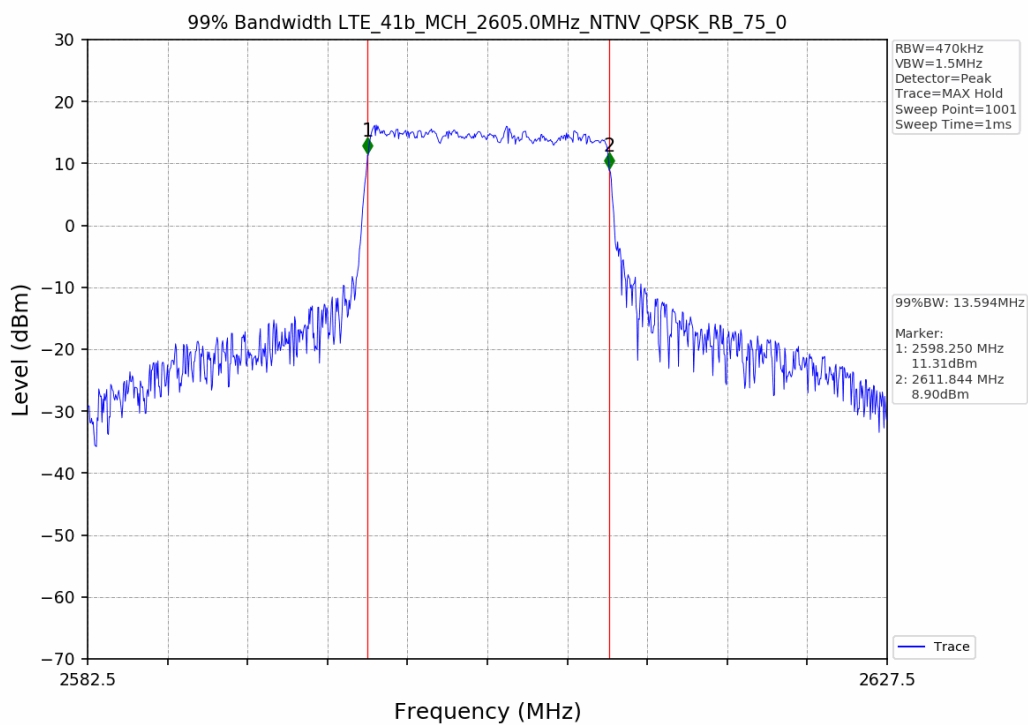
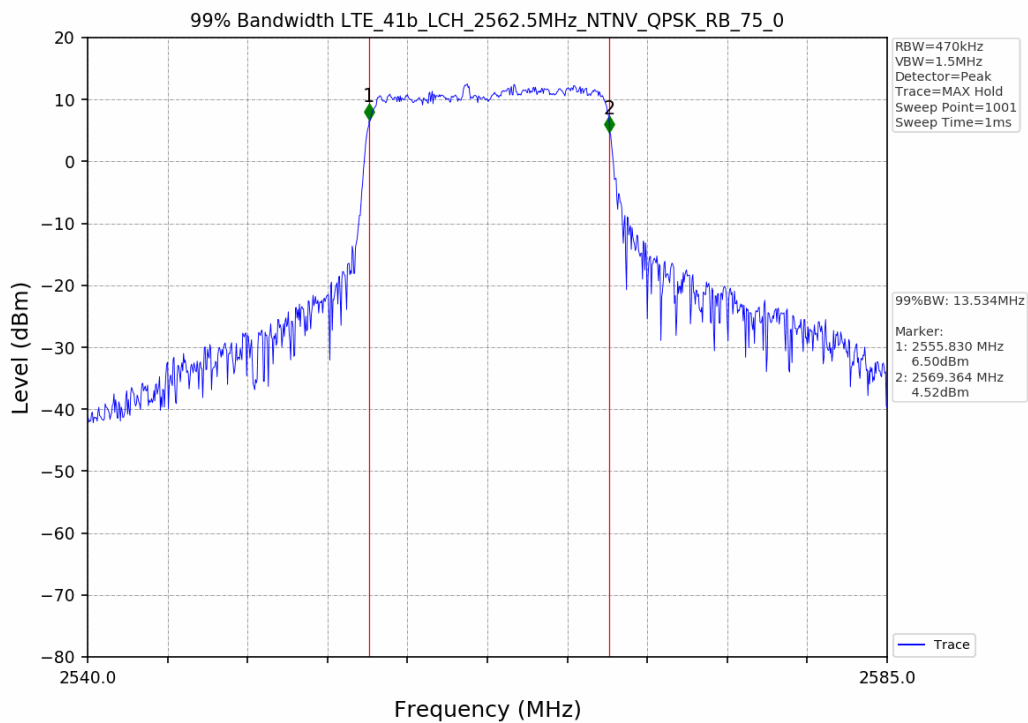
Test Band: 41b_15MHz Bandwidth				
Test Mode	RB Allocation	99% Occupied Bandwidth (MHz)	Limit	Verdict

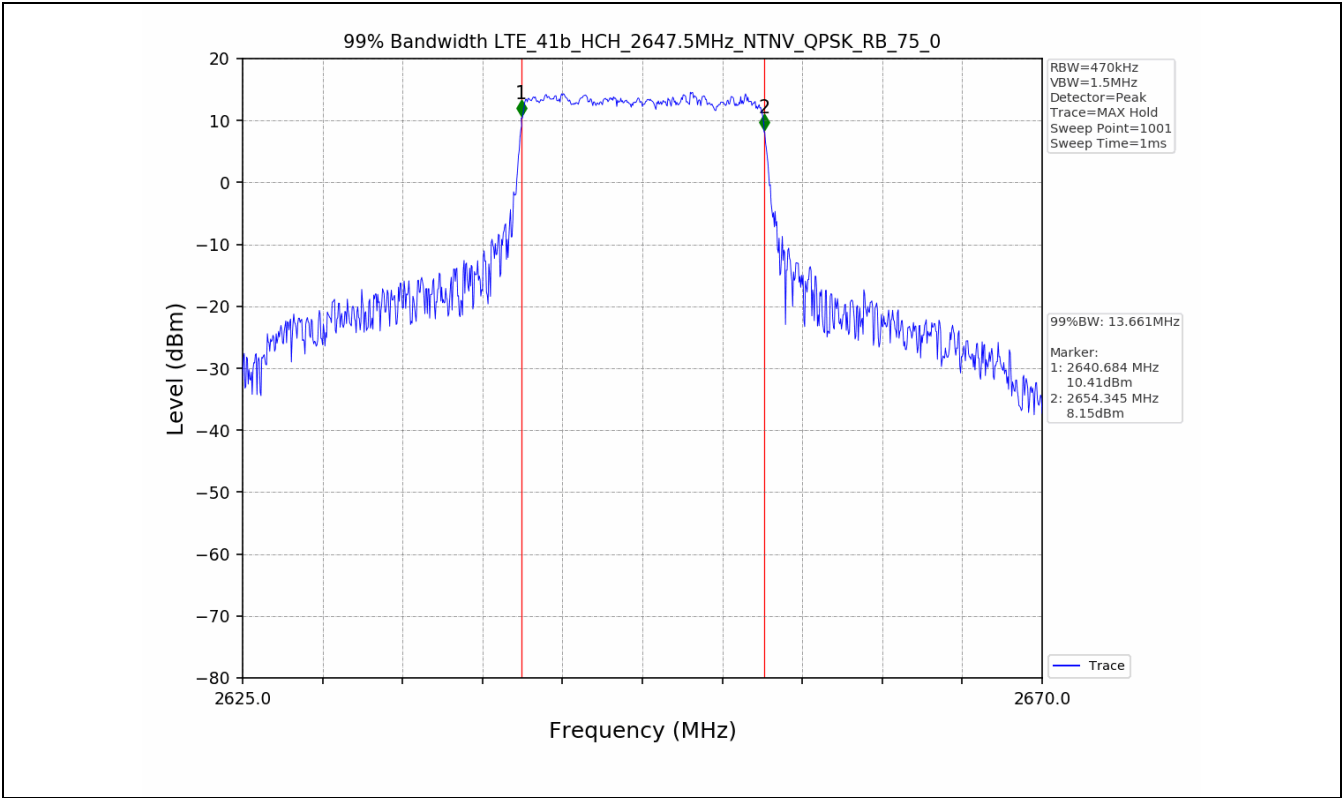
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	13.534	13.594	13.661	N/A	PASS
16QAM	75	0	13.676	13.668	13.659	N/A	PASS

1.6 Test Graph



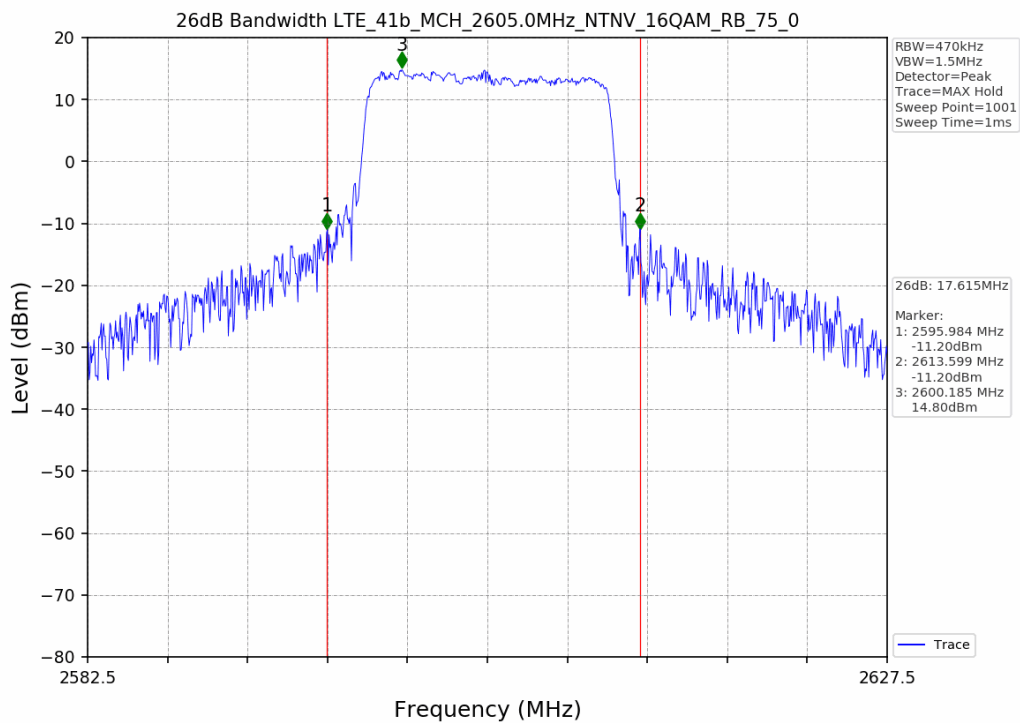
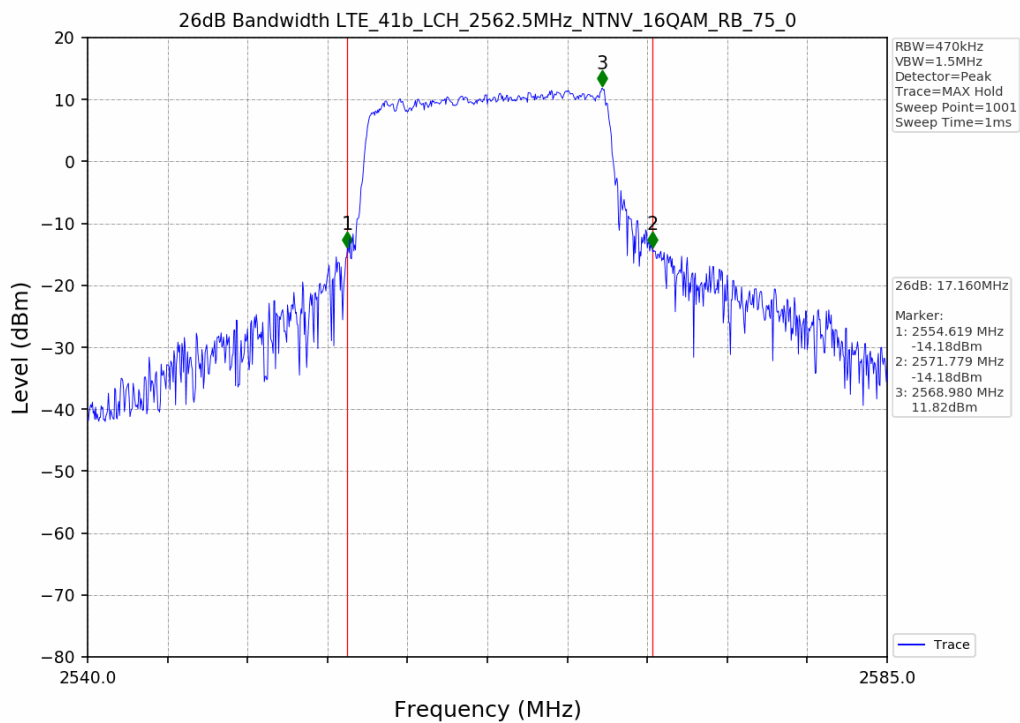


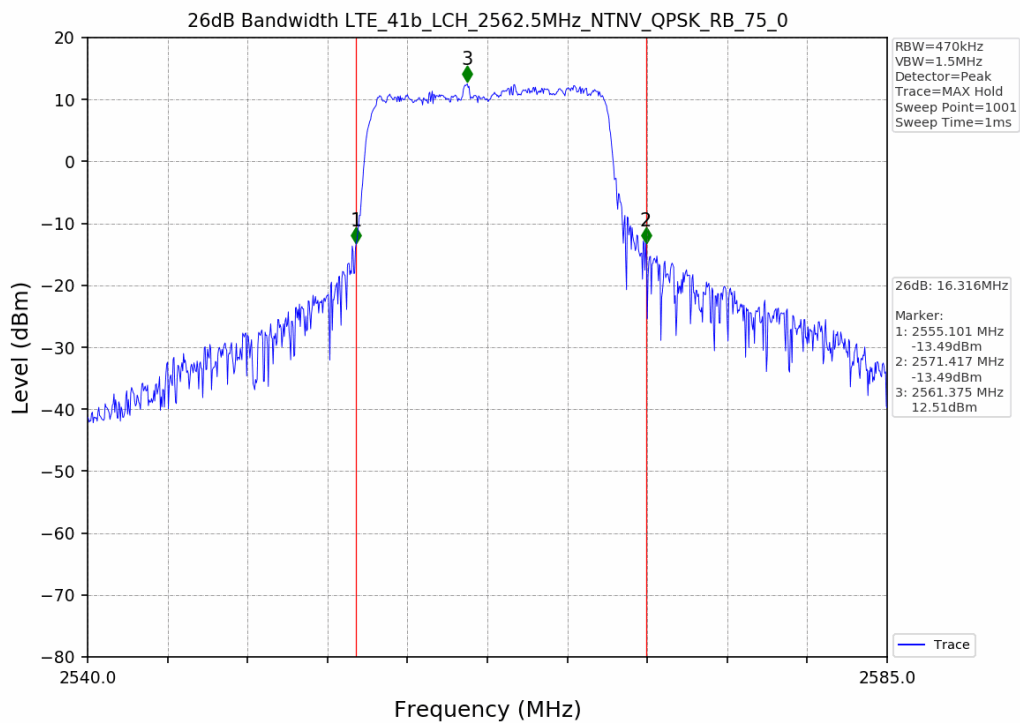
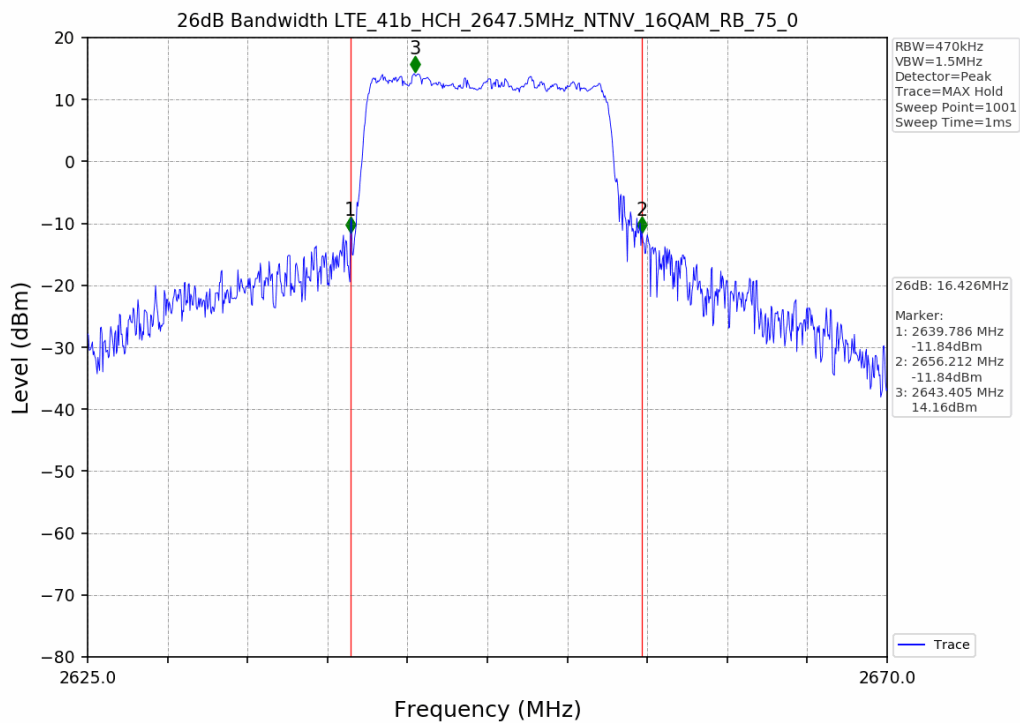


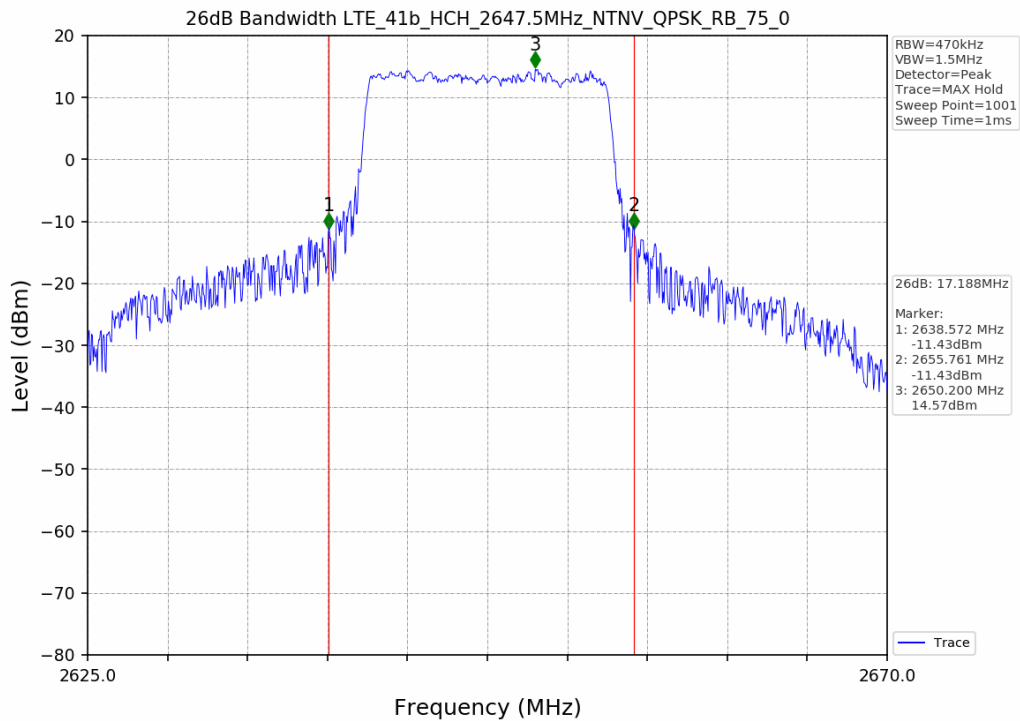
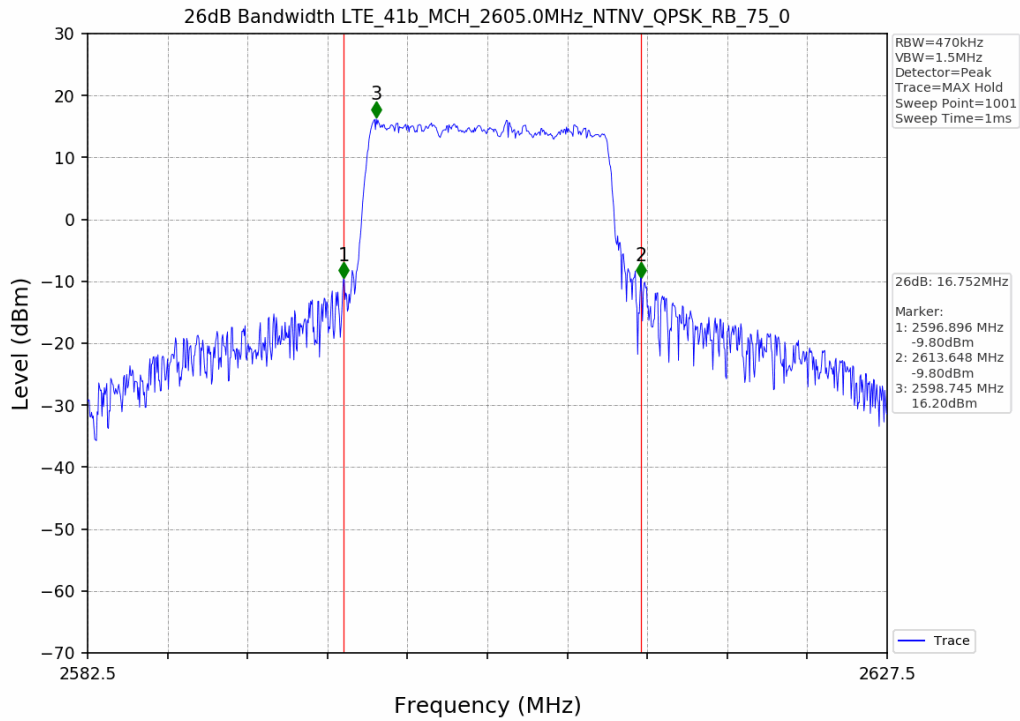


Test Band: 41b_15MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	16.316	16.752	17.188	N/A	PASS
16QAM	75	0	17.160	17.615	16.426	N/A	PASS

1.7 Test Graph







Test Band: 41b_20MHz Bandwidth				
Test Mode	RB Allocation	99% Occupied Bandwidth (MHz)	Limit	Verdict

	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	18.071	18.107	18.204	N/A	PASS
16QAM	100	0	18.026	18.152	18.136	N/A	PASS

1.8 Test Graph

