

Appendix G: Test Data for LTE Band 12

Product Name: TD0301 LTE Wi-Fi Hotspot

Test Model: TD0301

G1. Effective (Isotropic) Radiated Power Output Data

G1.1 Test Result

Test Band: 12 1.4MHz Bandwidth													
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict	
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH			
QPSK	1	0	24.37	23.22	23.50	-1.15	1.00	23.22	22.07	22.35	34.77	PASS	
		2	24.47	23.13	23.61	-1.15	1.00	23.32	21.98	22.46	34.77	PASS	
		5	24.37	23.08	23.68	-1.15	1.00	23.22	21.93	22.53	34.77	PASS	
	3	0	24.21	23.24	23.52	-1.15	1.00	23.06	22.09	22.37	34.77	PASS	
		2	24.23	23.35	23.59	-1.15	1.00	23.08	22.20	22.44	34.77	PASS	
		3	24.06	23.25	23.66	-1.15	1.00	22.91	22.10	22.51	34.77	PASS	
	6	0	23.17	22.33	22.65	-1.15	1.00	22.02	21.18	21.50	34.77	PASS	
			23.58	22.12	22.97	-1.15	1.00	22.43	20.97	21.82	34.77	PASS	
16QAM	1	2	23.66	22.11	23.01	-1.15	1.00	22.51	20.96	21.86	34.77	PASS	
		5	23.44	22.07	23.09	-1.15	1.00	22.29	20.92	21.94	34.77	PASS	
		0	22.88	22.21	22.64	-1.15	1.00	21.73	21.06	21.49	34.77	PASS	
	3	2	22.76	22.23	22.72	-1.15	1.00	21.61	21.08	21.57	34.77	PASS	
		3	22.71	22.20	22.58	-1.15	1.00	21.56	21.05	21.43	34.77	PASS	
		6	0	22.11	21.32	21.95	-1.15	1.00	20.96	20.17	20.80	34.77	PASS
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi) 3) ERP = Conducted output power + Antenna gain (dBd)												

Test Band: 12 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	24.18	23.39	23.35	-1.15	1.00	23.03	22.24	22.20	34.77	PASS
		7	24.21	23.35	23.52	-1.15	1.00	23.06	22.20	22.37	34.77	PASS
		14	23.95	23.35	23.63	-1.15	1.00	22.80	22.20	22.48	34.77	PASS
	8	0	23.05	22.35	22.45	-1.15	1.00	21.90	21.20	21.30	34.77	PASS
		4	23.08	22.27	22.49	-1.15	1.00	21.93	21.12	21.34	34.77	PASS
		7	22.98	22.27	22.49	-1.15	1.00	21.83	21.12	21.34	34.77	PASS
16QAM	15	0	23.01	22.29	22.47	-1.15	1.00	21.86	21.14	21.32	34.77	PASS
		7	22.72	22.68	21.89	-1.15	1.00	21.57	21.53	20.74	34.77	PASS
		14	22.85	22.54	21.87	-1.15	1.00	21.70	21.39	20.72	34.77	PASS
	8	0	22.49	22.29	22.33	-1.15	1.00	21.34	21.14	21.18	34.77	PASS
		4	21.95	21.46	21.62	-1.15	1.00	20.80	20.31	20.47	34.77	PASS
		7	21.89	21.39	21.55	-1.15	1.00	20.74	20.24	20.40	34.77	PASS
	15	0	21.80	21.35	21.63	-1.15	1.00	20.65	20.20	20.48	34.77	PASS
		7	21.82	21.10	21.39	-1.15	1.00	20.67	19.95	20.24	34.77	PASS
		14	21.82	21.10	21.39	-1.15	1.00	20.67	19.95	20.24	34.77	PASS

Note:
 1) dBd = dBi - 2.15
 2) EIRP = Conducted output power + Antenna gain (dBi)
 3) ERP = Conducted output power + Antenna gain (dBd)

Test Band: 12 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	23.97	23.21	23.06	-1.15	1.00	22.82	22.06	21.91	34.77	PASS
		13	24.02	22.94	23.33	-1.15	1.00	22.87	21.79	22.18	34.77	PASS
		24	23.48	22.81	23.53	-1.15	1.00	22.33	21.66	22.38	34.77	PASS
	12	0	23.08	22.23	22.21	-1.15	1.00	21.93	21.08	21.06	34.77	PASS
		6	22.93	22.20	22.38	-1.15	1.00	21.78	21.05	21.23	34.77	PASS
		13	22.77	22.17	22.35	-1.15	1.00	21.62	21.02	21.20	34.77	PASS
16QAM	25	0	22.92	22.24	22.38	-1.15	1.00	21.77	21.09	21.23	34.77	PASS
		7	23.03	22.57	21.53	-1.15	1.00	21.88	21.42	20.38	34.77	PASS
		13	23.11	22.40	21.97	-1.15	1.00	21.96	21.25	20.82	34.77	PASS
	12	0	22.58	22.28	22.08	-1.15	1.00	21.43	21.13	20.93	34.77	PASS
		6	22.17	21.30	20.83	-1.15	1.00	21.02	20.15	19.68	34.77	PASS
		13	22.06	21.16	21.02	-1.15	1.00	20.91	20.01	19.87	34.77	PASS
	25	0	21.72	21.01	21.46	-1.15	1.00	20.57	19.86	20.31	34.77	PASS
		7	21.88	21.30	21.39	-1.15	1.00	20.73	20.15	20.24	34.77	PASS
		13	21.88	21.30	21.39	-1.15	1.00	20.73	20.15	20.24	34.77	PASS

Note:
 1) dBd = dBi - 2.15
 2) EIRP = Conducted output power + Antenna gain (dBi)
 3) ERP = Conducted output power + Antenna gain (dBd)

Note:

- 1) $\text{dBd} = \text{dBi} - 2.15$
- 2) $\text{EIRP} = \text{Conducted output power} + \text{Antenna gain (dBi)}$
- 3) $\text{ERP} = \text{Conducted output power} + \text{Antenna gain (dBd)}$

G2. Frequency stability

G2.1 Test Result

Test Band: 12_ 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	- 0.615 1	- 1.459 1	- 1.130 1	-0.0009	-0.0021	-0.0016	2.50	PASS
				NV	- 1.087 2	- 1.773 8	- 0.143 1	-0.0016	-0.0025	-0.0002	2.50	PASS
				HV	- 0.100 1	- 1.688 0	- 1.030 0	-0.0001	-0.0024	-0.0014	2.50	PASS
16QAM	6	0	NT	LV	- 1.173 0	- 2.160 1	- 1.244 5	-0.0017	-0.0031	-0.0017	2.50	PASS
				NV	- 1.874 0	- 1.988 4	0.114 4	-0.0027	-0.0028	0.0002	2.50	PASS
				HV	0.057 2	- 2.546 3	- 0.529 3	0.0001	-0.0036	-0.0007	2.50	PASS

Test Band: 12_ 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NV	-30.00	- 0.629 4	- 2.331 7	- 0.643 7	-0.0009	-0.0033	-0.0009	2.50	PASS
				-20.00	- 0.371 9	- 0.586 5	- 1.101 5	-0.0005	-0.0008	-0.0015	2.50	PASS
				-10.00	- 0.085 8	- 1.258 8	- 0.371 9	-0.0001	-0.0018	-0.0005	2.50	PASS
				0.00	- 0.715 3	- 1.630 8	- 0.300 4	-0.0010	-0.0023	-0.0004	2.50	PASS
				10.00	- 1.044 3	- 1.373 3	- 1.158 7	-0.0015	-0.0019	-0.0016	2.50	PASS
				20.00	- 0.929 8	- 1.430 5	- 0.515 0	-0.0013	-0.0020	-0.0007	2.50	PASS
				30.00	- 0.200 3	- 1.959 8	- 0.643 7	0.0003	-0.0028	-0.0009	2.50	PASS
				40.00	- 0.915 5	- 0.643 7	- 1.587 9	-0.0013	-0.0009	-0.0022	2.50	PASS
				50.00	- 0.987 1	- 1.874 0	- 1.101 5	-0.0014	-0.0026	-0.0015	2.50	PASS

16QAM	6	0	NV	-30.00	- 1.230 2	- 1.945 5	- 0.786 8	-0.0018	-0.0027	-0.0011	2.50	PASS
				-20.00	0.028 6	- 2.389 0	- 0.257 5	0.0000	-0.0034	-0.0004	2.50	PASS
				-10.00	- 1.716 6	- 2.446 2	- 0.586 5	-0.0025	-0.0035	-0.0008	2.50	PASS
				0.00	- 0.944 1	- 2.160 1	- 0.701 0	-0.0013	-0.0031	-0.0010	2.50	PASS
				10.00	0.443 5	- 3.361 7	- 0.486 4	0.0006	-0.0048	-0.0007	2.50	PASS
				20.00	- 0.844 0	- 2.446 2	- 0.357 6	-0.0012	-0.0035	-0.0005	2.50	PASS
				30.00	- 0.143 1	- 2.546 3	- 1.230 2	-0.0002	-0.0036	-0.0017	2.50	PASS
				40.00	- 0.186 0	- 1.816 8	- 0.143 1	-0.0003	-0.0026	-0.0002	2.50	PASS
				50.00	- 0.243 2	- 0.543 6	- 0.557 9	-0.0003	-0.0008	-0.0008	2.50	PASS

Test Band: 12 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	- 2.846 7	- 1.144 4	- 0.157 4	-0.0041	-0.0016	-0.0002	2.50	PASS
				NV	- 3.190 0	- 0.701 0	- 0.915 5	-0.0046	-0.0010	-0.0013	2.50	PASS
				HV	- 4.563 3	- 0.600 8	- 0.858 3	-0.0065	-0.0008	-0.0012	2.50	PASS
16QAM	15	0	NT	LV	- 2.732 3	- 1.072 9	- 0.672 3	-0.0039	-0.0015	-0.0009	2.50	PASS
				NV	- 2.932 5	0.000 0	0.515 0	-0.0042	0.0000	0.0007	2.50	PASS
				HV	- 3.047 0	- 0.543 6	- 0.357 6	-0.0043	-0.0008	-0.0005	2.50	PASS

Test Band: 12_3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NV	-30.00	- 4.348 8	- 0.257 5	- 0.371 9	-0.0062	-0.0004	-0.0005	2.50	PASS
				-20.00	- 4.091 3	- 0.872 6	- 0.057 2	-0.0058	-0.0012	-0.0001	2.50	PASS
				-10.00	- 3.719 3	- 0.786 8	- 0.386 2	-0.0053	-0.0011	-0.0005	2.50	PASS
				0.00	- 3.647 8	- 0.472 1	0.014 3	-0.0052	-0.0007	0.0000	2.50	PASS
				10.00	- 3.175 7	- 1.058 6	- 1.072 9	-0.0045	-0.0015	-0.0015	2.50	PASS
				20.00	- 2.989 8	- 1.316 1	- 0.658 0	-0.0043	-0.0019	-0.0009	2.50	PASS
				30.00	- 4.606 2	- 0.786 8	0.429 2	-0.0066	-0.0011	0.0006	2.50	PASS
				40.00	- 3.161 4	- 0.572 2	0.271 8	-0.0045	-0.0008	0.0004	2.50	PASS
				50.00	- 2.961 2	0.057 2	- 0.915 5	-0.0042	0.0001	-0.0013	2.50	PASS
16QAM	15	0	NV	-30.00	- 3.047 0	- 1.244 5	- 0.400 5	-0.0043	-0.0018	-0.0006	2.50	PASS
				-20.00	- 2.846 7	- 1.516 3	0.529 3	-0.0041	-0.0021	0.0007	2.50	PASS
				-10.00	- 2.574 9	- 0.972 7	- 0.300 4	-0.0037	-0.0014	-0.0004	2.50	PASS
				0.00	- 3.776 6	- 0.443 5	- 0.171 7	-0.0054	-0.0006	-0.0002	2.50	PASS
				10.00	- 3.075 6	- 0.715 3	- 0.500 7	-0.0044	-0.0010	-0.0007	2.50	PASS
				20.00	- 2.317 4	- 0.329 0	- 0.071 5	-0.0033	-0.0005	-0.0001	2.50	PASS
				30.00	- 3.061 3	- 0.600 8	0.486 4	-0.0044	-0.0008	0.0007	2.50	PASS
				40.00	- 4.448 9	- 1.559 3	0.214 6	-0.0064	-0.0022	0.0003	2.50	PASS
				50.00	- 3.533 4	0.143 1	- 0.786 8	-0.0050	0.0002	-0.0011	2.50	PASS

Test Band: 12 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	0.286 1	- 1.058 6	- 0.715 3	0.0004	-0.0015	-0.0010	2.50	PASS
				NV	- 0.543 6	- 0.243 2	- 0.557 9	-0.0008	-0.0003	0.0008	2.50	PASS
				HV	- 0.987 1	- 1.301 8	0.071 5	-0.0014	-0.0018	0.0001	2.50	PASS
16QAM	25	0	NT	LV	- 1.158 7	- 0.128 7	- 1.287 5	-0.0017	-0.0002	-0.0018	2.50	PASS
				NV	- 1.330 4	- 1.101 5	0.300 4	-0.0019	-0.0016	0.0004	2.50	PASS
				HV	- 1.130 1	- 0.801 1	- 1.645 1	-0.0016	-0.0011	-0.0023	2.50	PASS

Test Band: 12 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NV	-30.00	- 1.745 2	- 0.500 7	- 0.886 9	-0.0025	-0.0007	-0.0012	2.50	PASS
				-20.00	- 0.643 7	- 0.729 6	- 0.872 6	-0.0009	-0.0010	-0.0012	2.50	PASS
				-10.00	- 0.500 7	- 0.300 4	- 0.844 0	-0.0007	-0.0004	-0.0012	2.50	PASS
				0.00	- 0.600 8	- 1.144 4	- 0.915 5	-0.0009	-0.0016	-0.0013	2.50	PASS
				10.00	- 1.130 1	- 1.001 4	- 0.286 1	-0.0016	-0.0014	-0.0004	2.50	PASS
				20.00	- 1.187 3	- 0.515 0	- 1.072 9	-0.0017	-0.0007	-0.0015	2.50	PASS
				30.00	- 0.429 2	- 0.758 2	- 1.444 8	-0.0006	-0.0011	-0.0020	2.50	PASS
				40.00	- 0.772 5	- 1.130 1	- 0.972 7	-0.0011	-0.0016	-0.0014	2.50	PASS
				50.00	- 0.844 0	- 0.901 2	- 0.901 2	-0.0012	-0.0013	-0.0013	2.50	PASS
16QAM	25	0	NV	-30.00	- 0.829 7	- 0.729 6	- 1.101 5	-0.0012	-0.0010	-0.0015	2.50	PASS
				-20.00	- 0.500 7	- 0.529 3	- 0.944 1	-0.0007	-0.0007	-0.0013	2.50	PASS
				-10.00	-	-	-	-0.0004	-0.0017	-0.0010	2.50	PASS

					0.271 8	1.173 0	0.729 6					
				0.00	- 0.500 7	- 1.230 2	- 1.101 5	-0.0007	-0.0017	-0.0015	2.50	PASS
				10.00	- 0.443 5	- 0.314 7	- 1.587 9	-0.0006	0.0004	-0.0022	2.50	PASS
				20.00	0.042 9	- 1.201 6	- 0.929 8	0.0001	-0.0017	-0.0013	2.50	PASS
				30.00	- 1.030 0	- 0.629 4	- 0.772 5	-0.0015	-0.0009	-0.0011	2.50	PASS
				40.00	- 0.543 6	- 1.130 1	- 0.243 2	-0.0008	-0.0016	-0.0003	2.50	PASS
				50.00	- 0.815 4	- 0.844 0	- 1.173 0	-0.0012	-0.0012	-0.0016	2.50	PASS

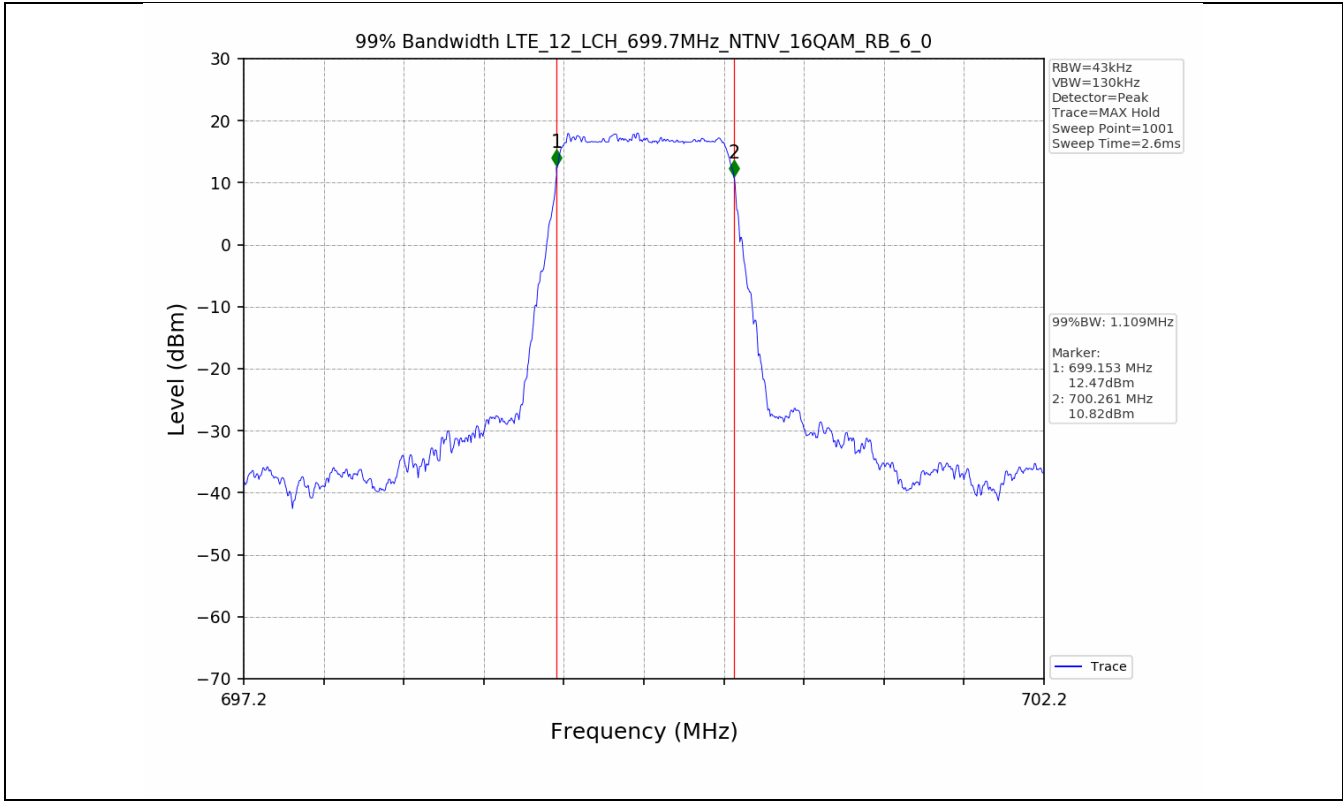
Test Band: 12 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	- 0.042 9	- 1.058 6	- 2.117 2	-0.0001	-0.0015	-0.0030	2.50	PASS
				NV	- 0.500 7	- 0.357 6	- 1.773 8	-0.0007	-0.0005	-0.0025	2.50	PASS
				HV	- 0.243 2	- 0.915 5	- 1.673 7	-0.0003	-0.0013	-0.0024	2.50	PASS
16QAM	50	0	NT	LV	- 0.858 3	- 1.831 1	- 1.416 2	-0.0012	-0.0026	-0.0020	2.50	PASS
				NV	- 0.987 1	- 1.487 7	- 1.645 1	-0.0014	-0.0021	-0.0023	2.50	PASS
				HV	- 0.042 9	- 0.615 1	- 1.874 0	-0.0001	-0.0009	-0.0026	2.50	PASS

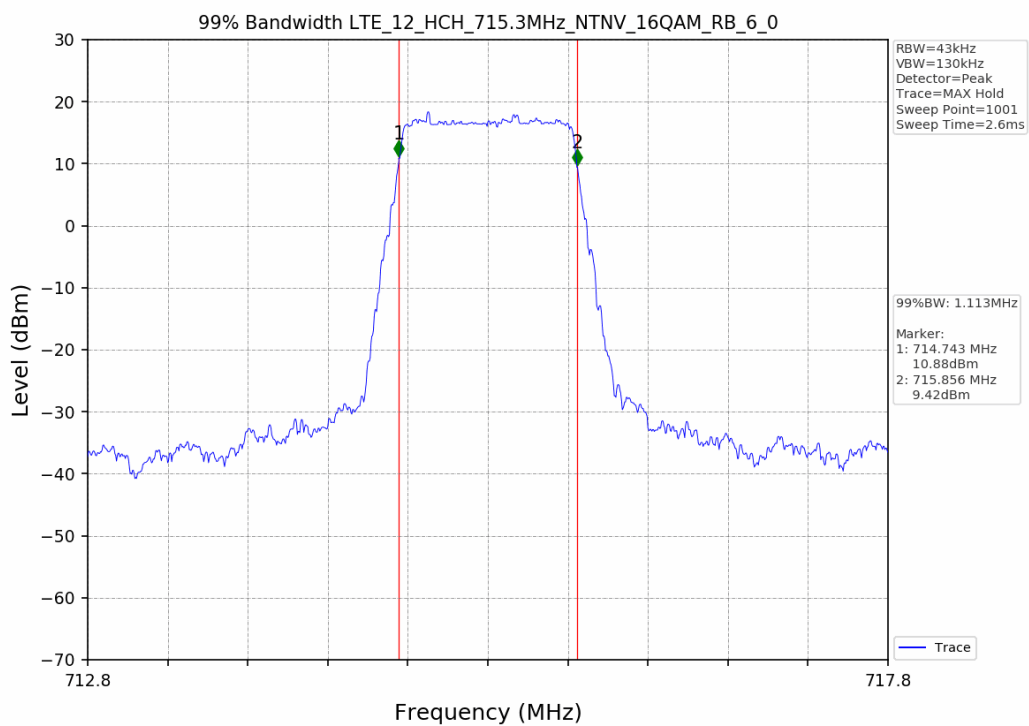
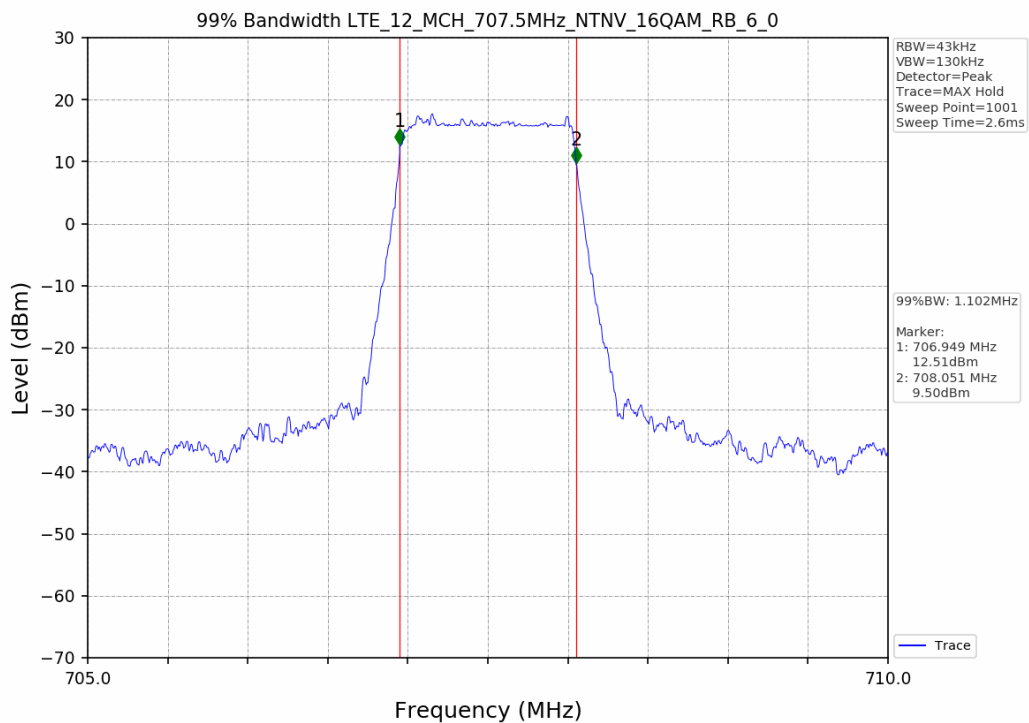
Test Band: 12 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NV	-30.00	- 0.500 7	- 0.429 2	- 1.473 4	-0.0007	-0.0006	-0.0021	2.50	PASS
				-20.00	- 0.286 1	- 1.602 2	- 1.602 2	-0.0004	-0.0023	-0.0023	2.50	PASS
				-10.00	- 0.114 4	- 0.743 9	- 1.988 4	-0.0002	-0.0011	-0.0028	2.50	PASS
				0.00	- 1.573 6	- 0.772 5	- 2.675 1	-0.0022	-0.0011	-0.0038	2.50	PASS
				10.00	- 0.329 0	- 1.173 0	- 1.545 0	-0.0005	-0.0017	-0.0022	2.50	PASS
				20.00	- 0.715 3	- 1.001 4	- 2.245 9	-0.0010	-0.0014	-0.0032	2.50	PASS
				30.00	- 0.228 9	- 0.729 6	- 2.017 0	-0.0003	-0.0010	-0.0028	2.50	PASS
				40.00	- 0.085 8	- 1.230 2	- 2.360 3	-0.0001	-0.0017	-0.0033	2.50	PASS
				50.00	- 0.557 9	- 0.629 4	- 2.017 0	-0.0008	-0.0009	-0.0028	2.50	PASS
16QAM	50	0	NV	-30.00	- 0.543 6	- 0.672 3	- 1.516 3	-0.0008	-0.0010	-0.0021	2.50	PASS
				-20.00	- 0.443 5	- 0.186 0	- 0.944 1	-0.0006	0.0003	-0.0013	2.50	PASS
				-10.00	- 0.572 2	- 0.786 8	- 1.430 5	-0.0008	-0.0011	-0.0020	2.50	PASS
				0.00	- 0.858 3	- 0.901 2	- 1.473 4	-0.0012	-0.0013	-0.0021	2.50	PASS
				10.00	- 1.101 5	- 0.672 3	- 1.516 3	-0.0016	-0.0010	-0.0021	2.50	PASS
				20.00	- 0.786 8	- 1.359 0	- 1.373 3	-0.0011	-0.0019	-0.0019	2.50	PASS
				30.00	- 0.929 8	- 1.630 8	- 1.802 4	-0.0013	-0.0023	-0.0025	2.50	PASS
				40.00	- 0.572 2	- 1.359 0	- 1.459 1	-0.0008	-0.0019	-0.0021	2.50	PASS
				50.00	- 0.042 9	- 0.100 1	- 1.158 7	0.0001	-0.0001	-0.0016	2.50	PASS

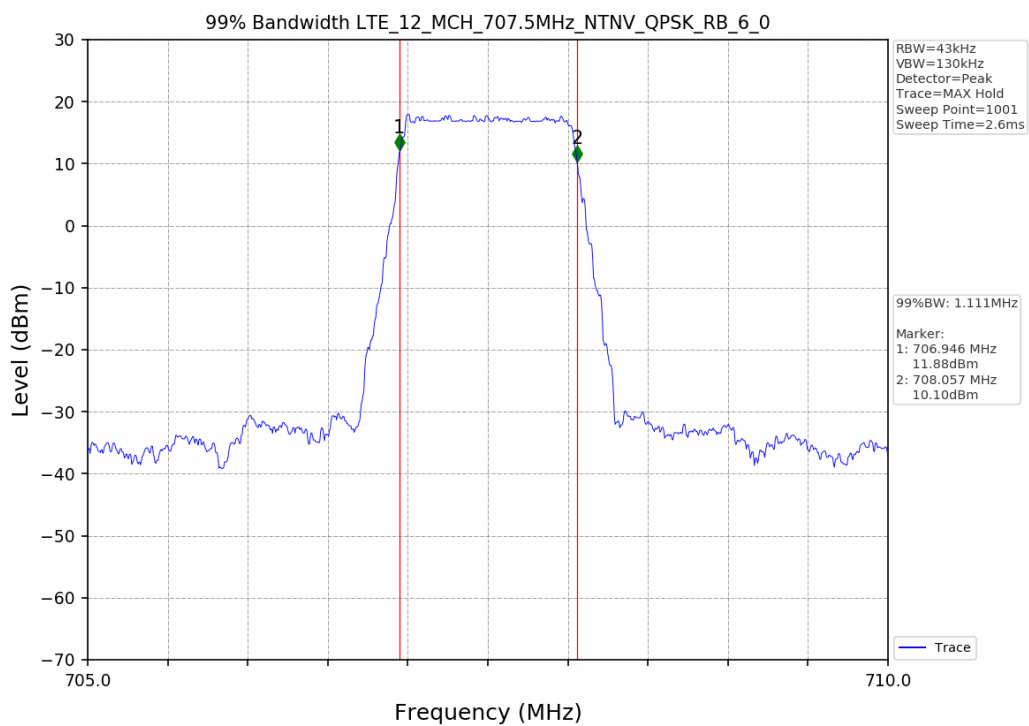
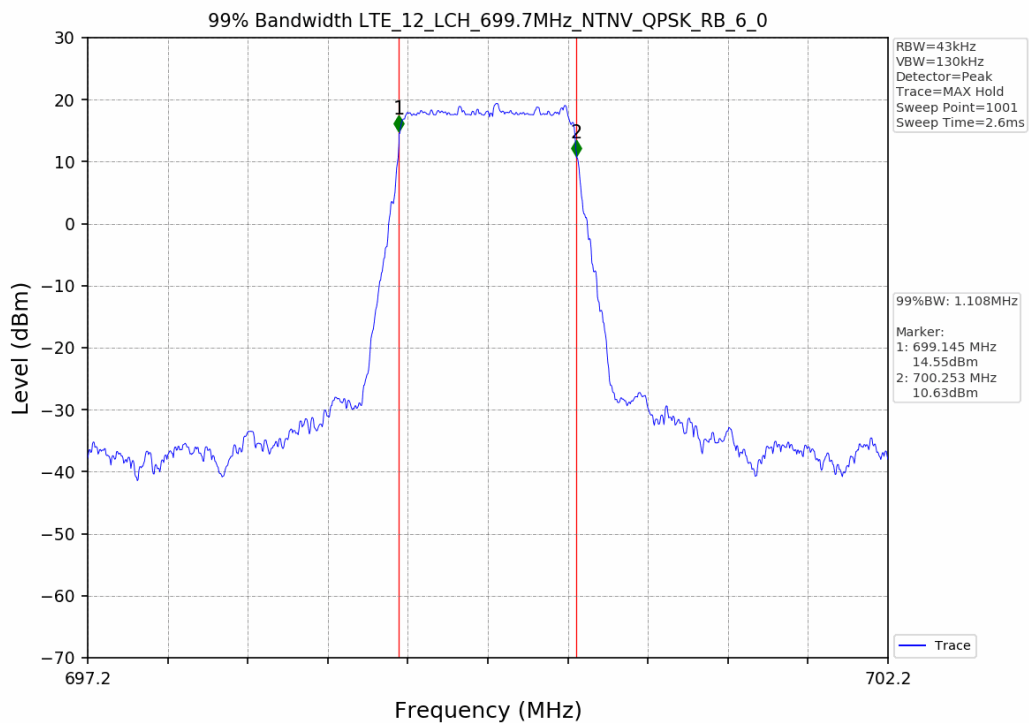
G3. 99% & 26dB Bandwidth

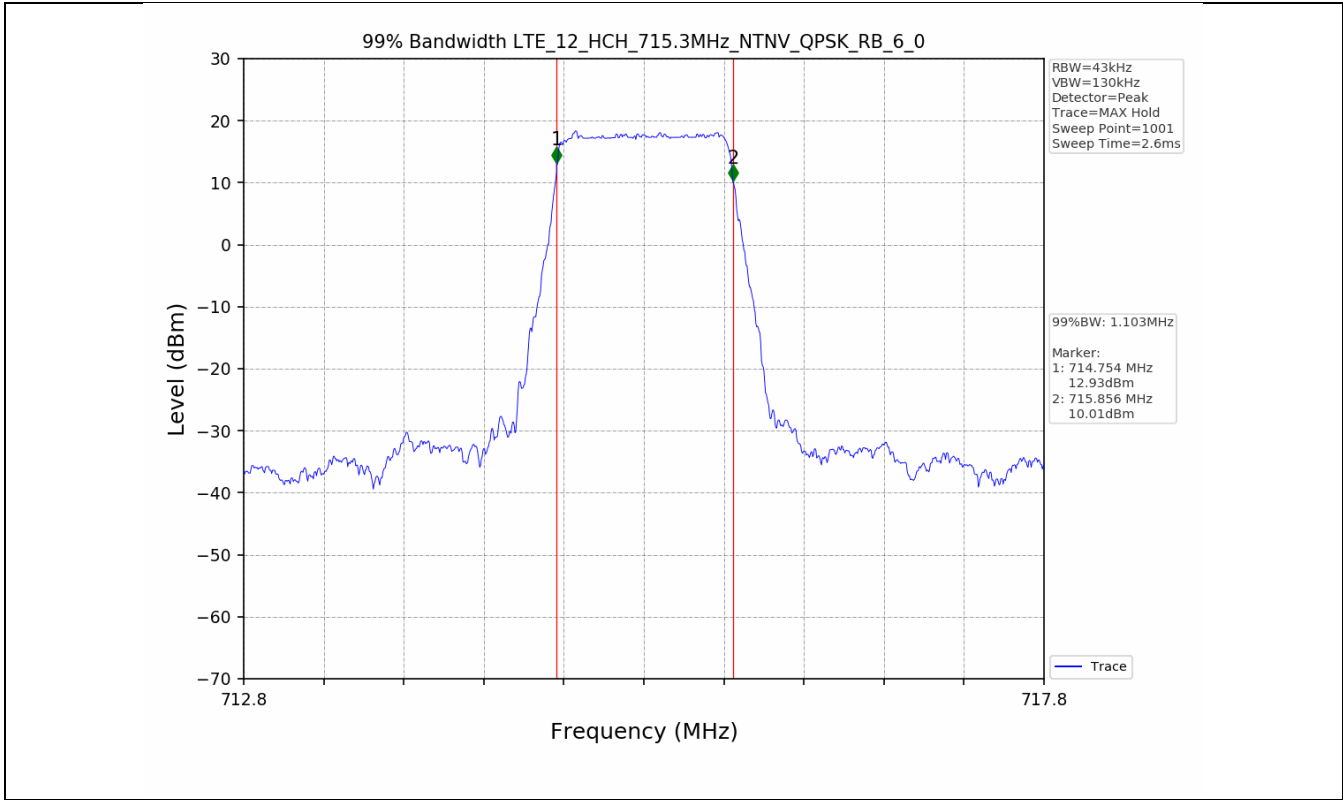
G3.1 Test Result

Test Band: 12 1.4MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.108	1.111	1.103	N/A	PASS
16QAM	6	0	1.109	1.102	1.113	N/A	PASS

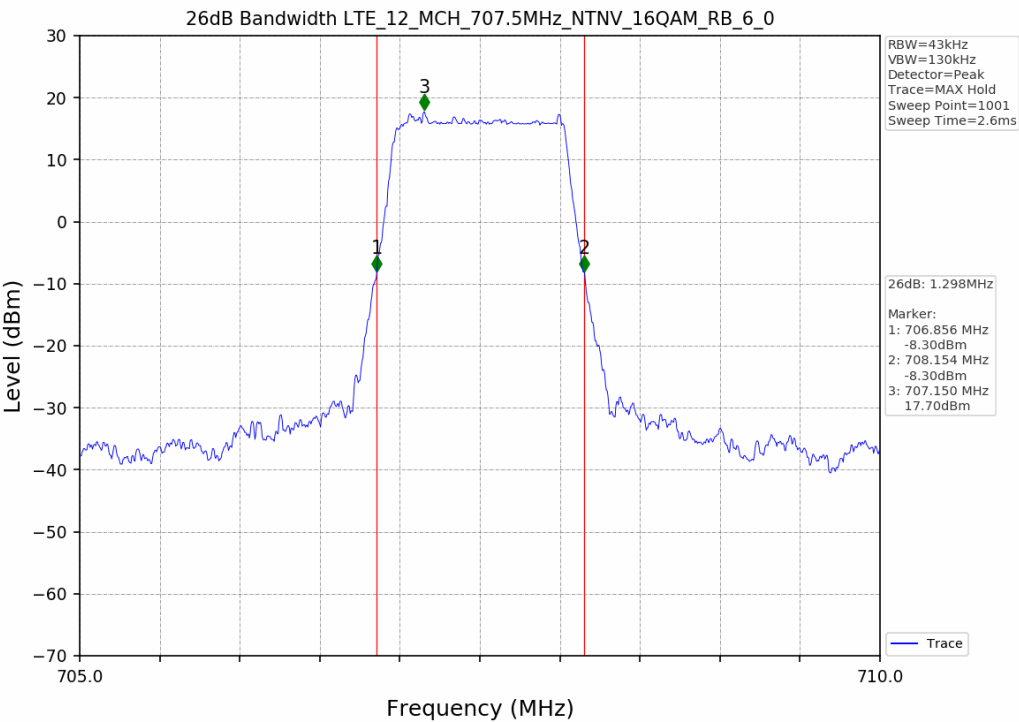
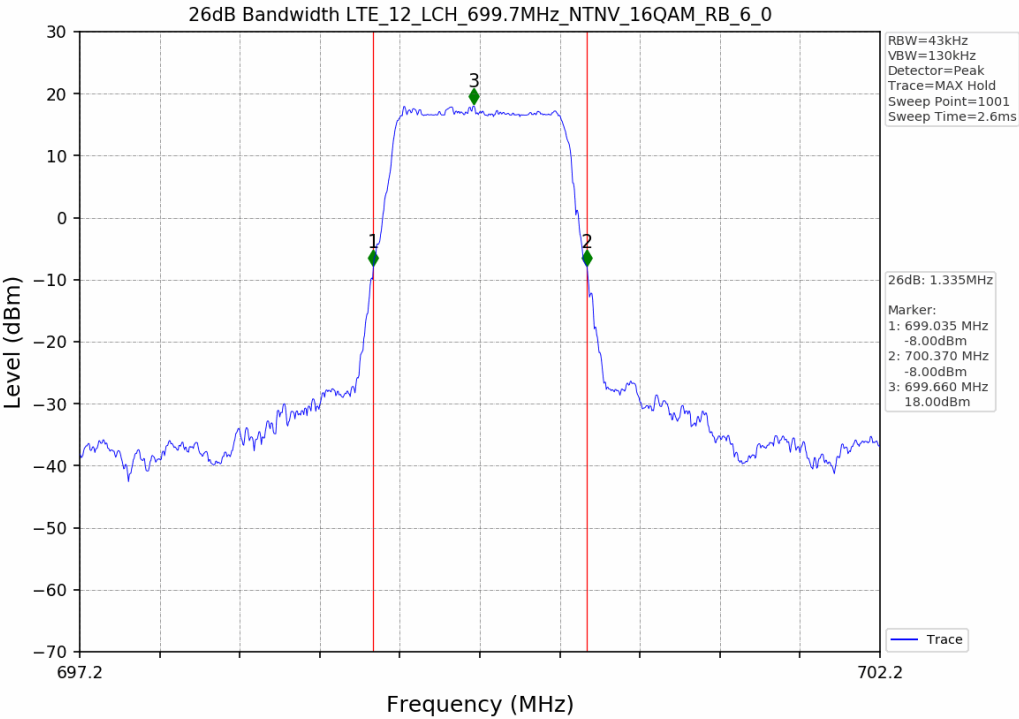


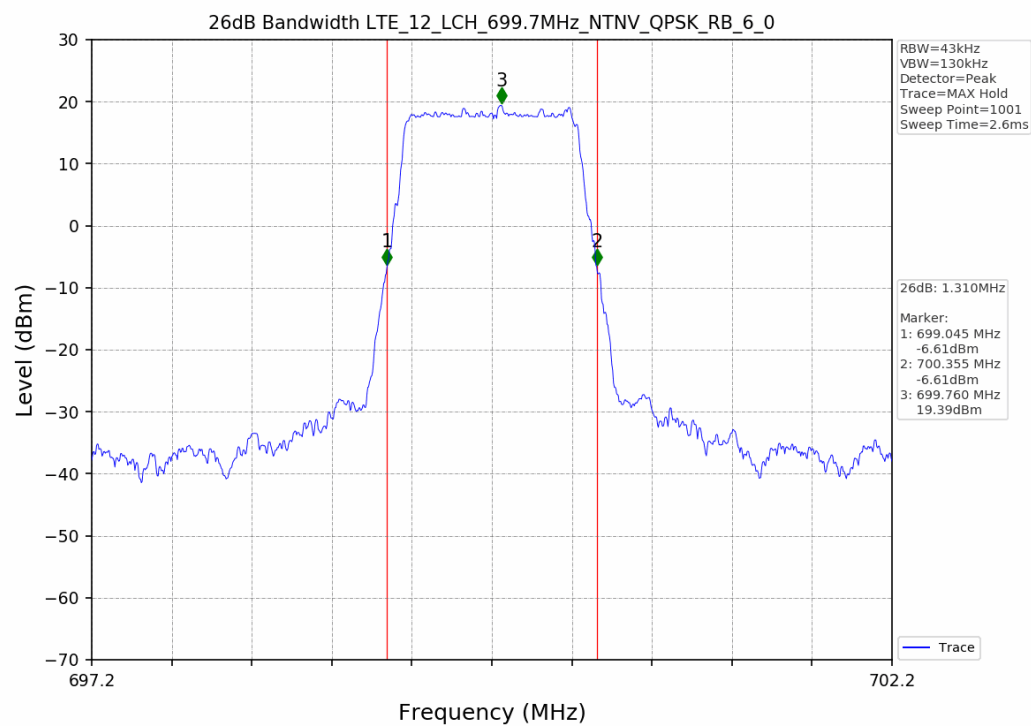
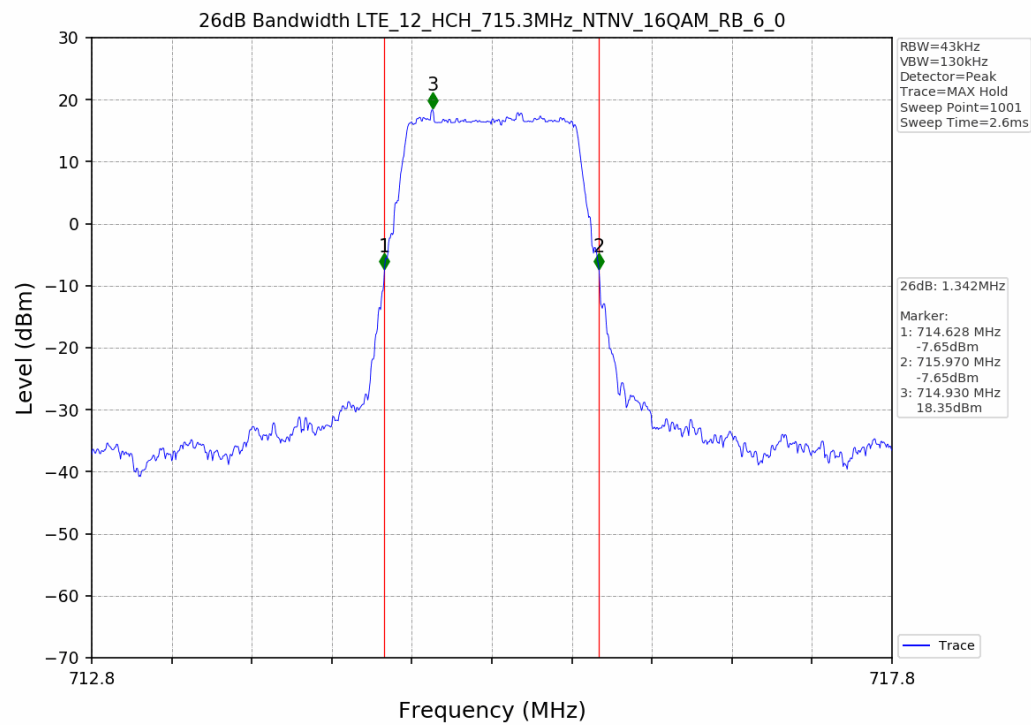


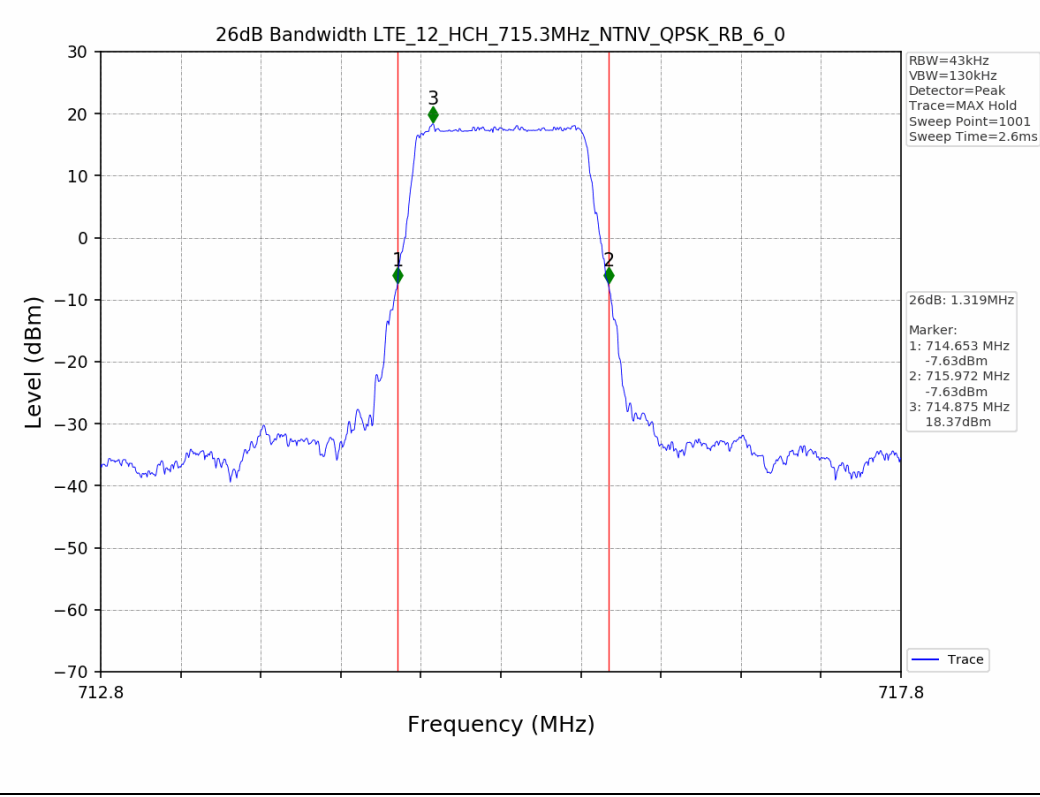
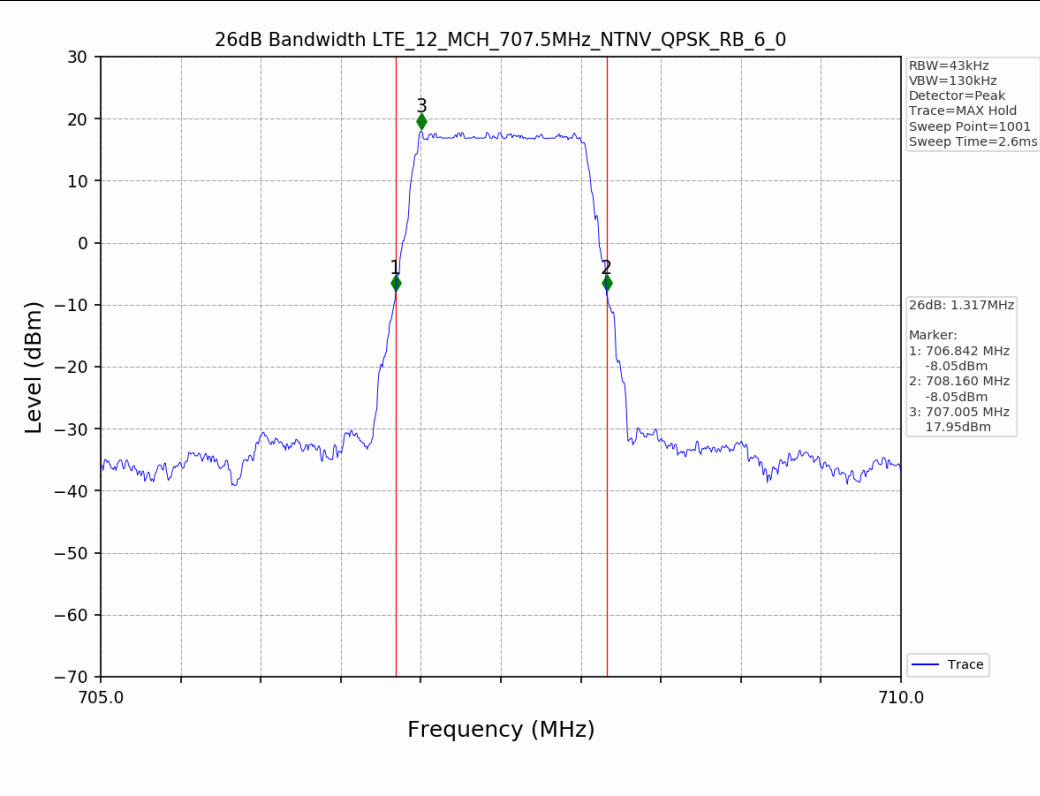




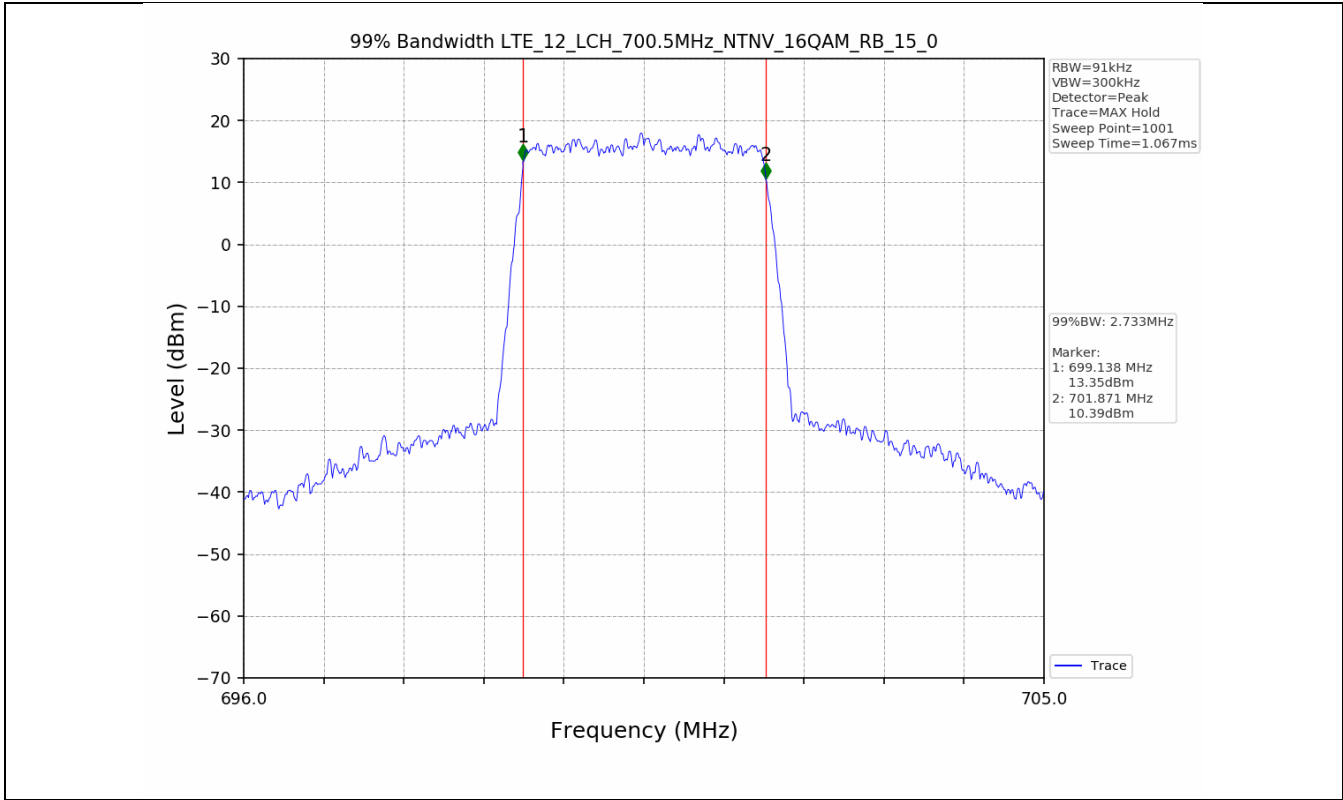
Test Band: 12_1.4MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.310	1.317	1.319	N/A	PASS
16QAM	6	0	1.335	1.298	1.342	N/A	PASS

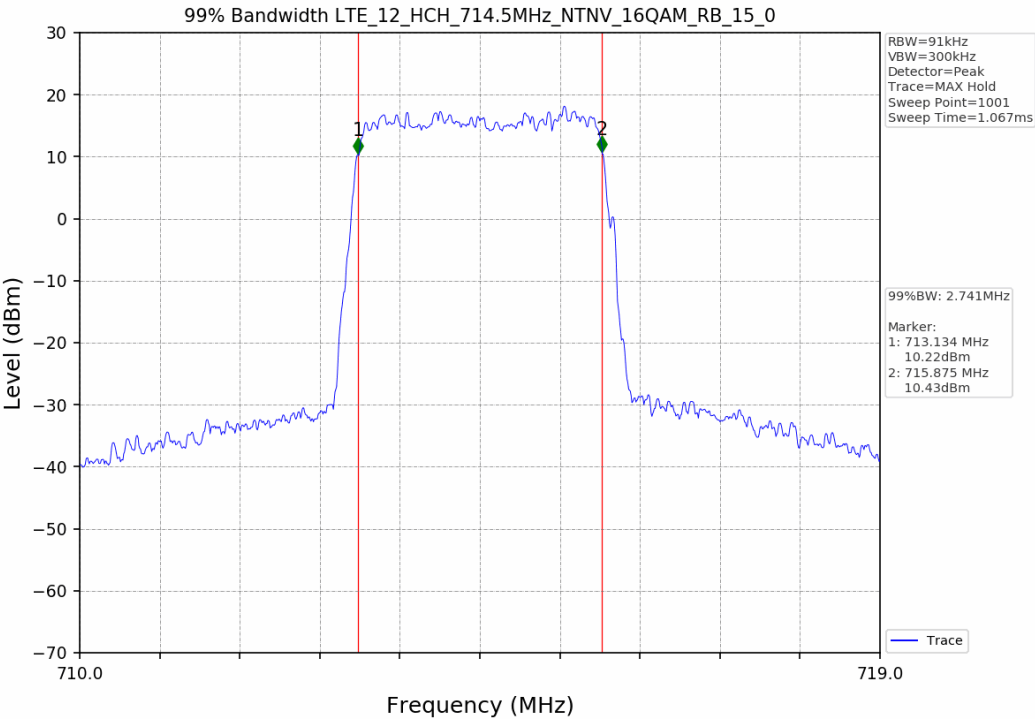
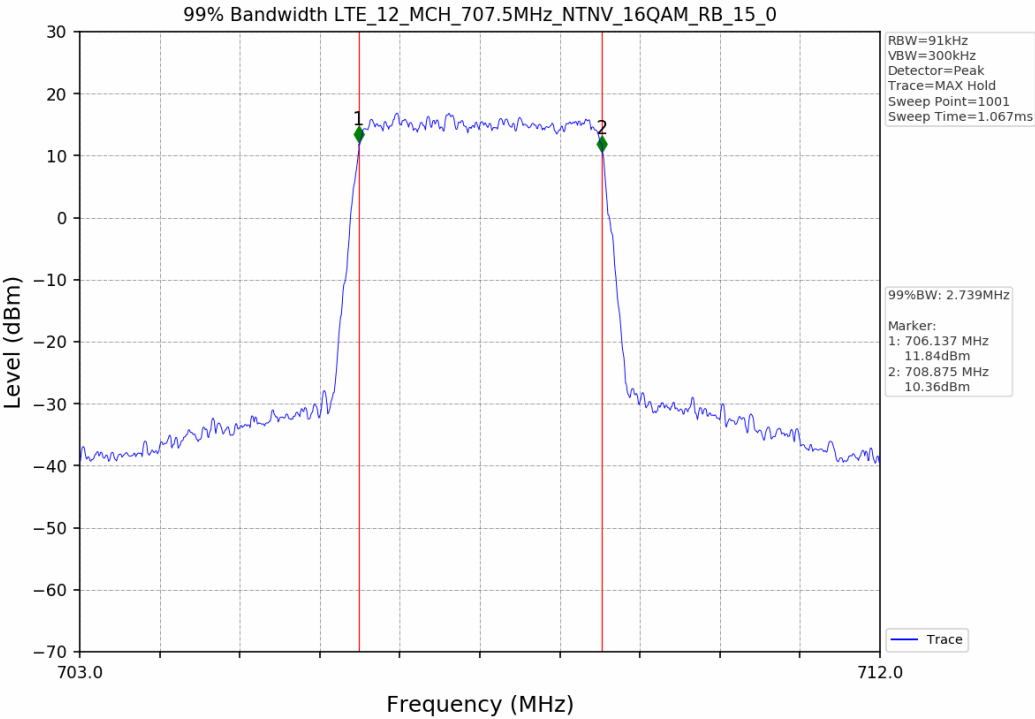


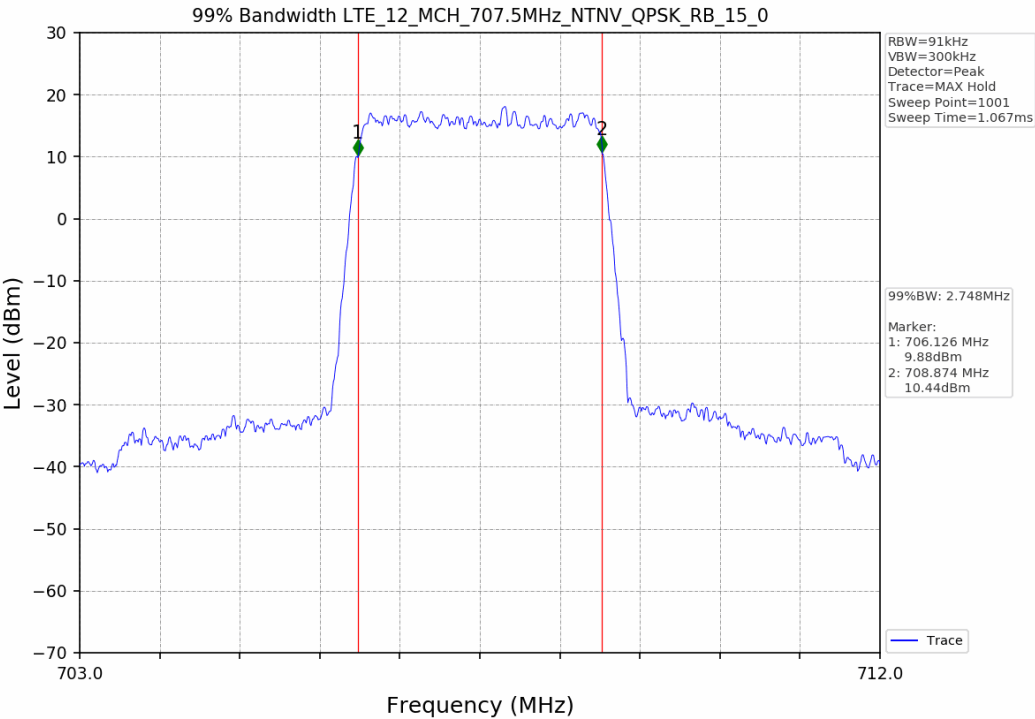
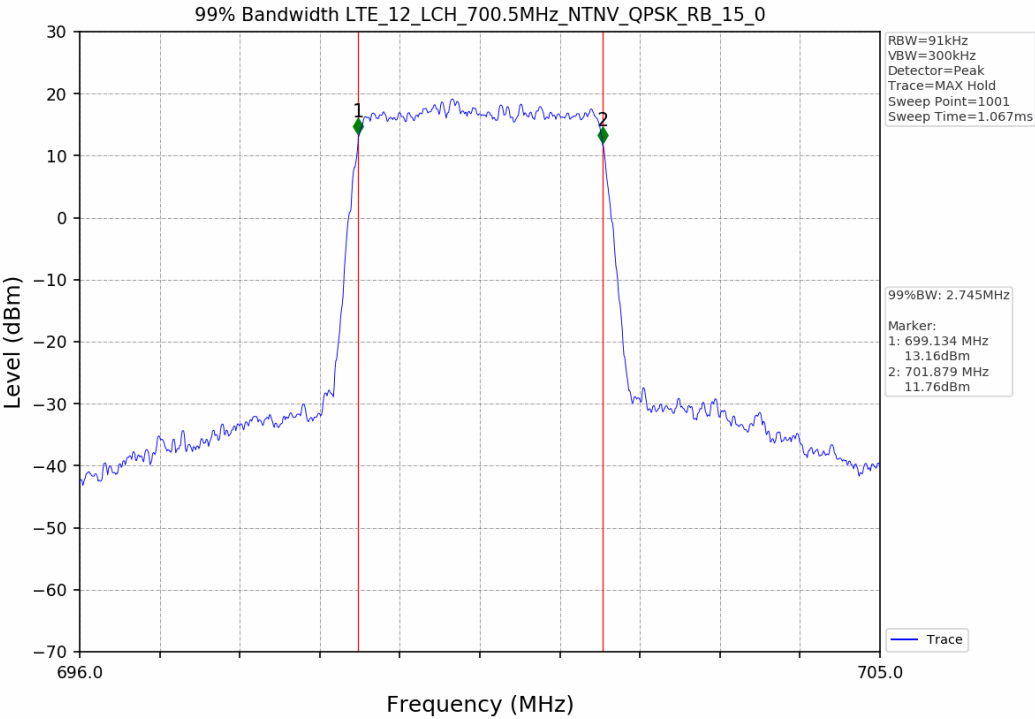


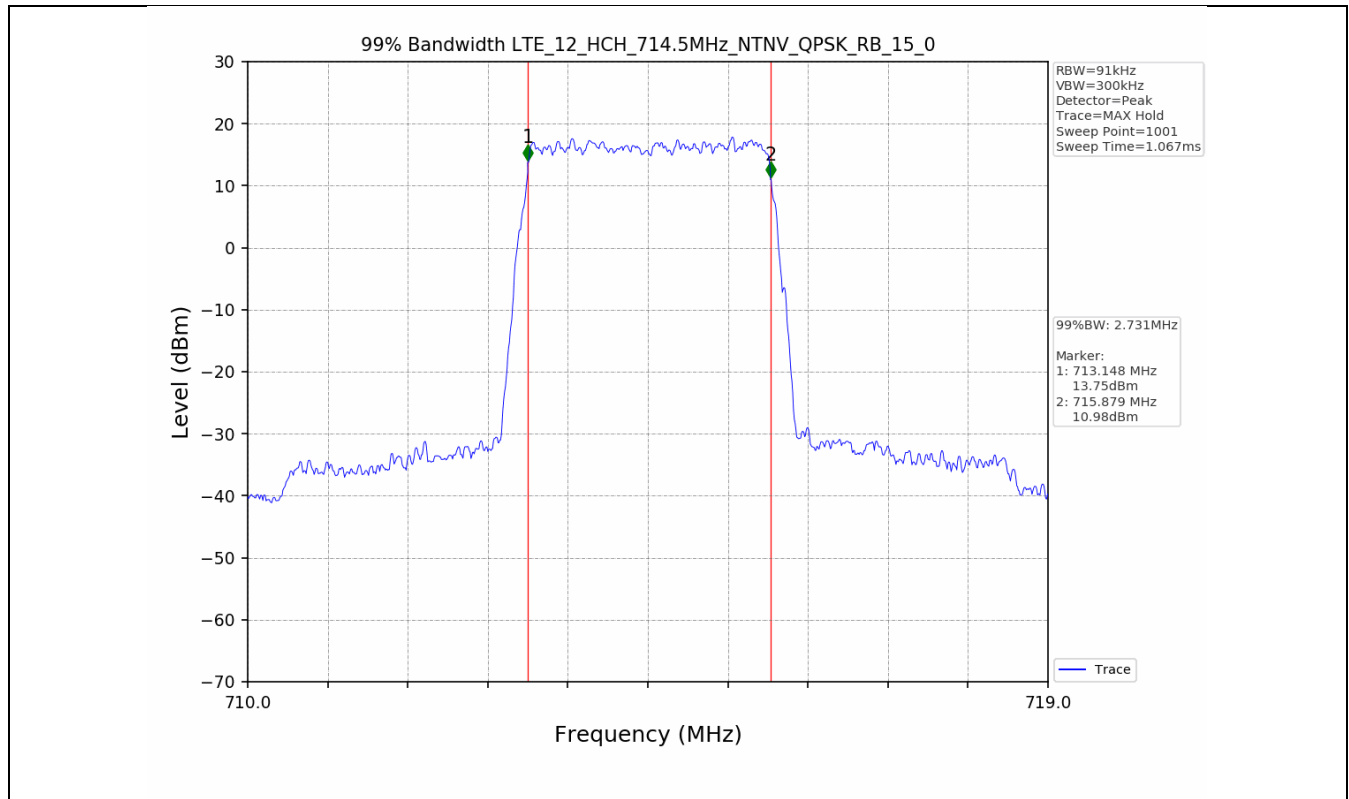


Test Band: 12_3MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	2.745	2.748	2.731	N/A	PASS
16QAM	15	0	2.733	2.739	2.741	N/A	PASS

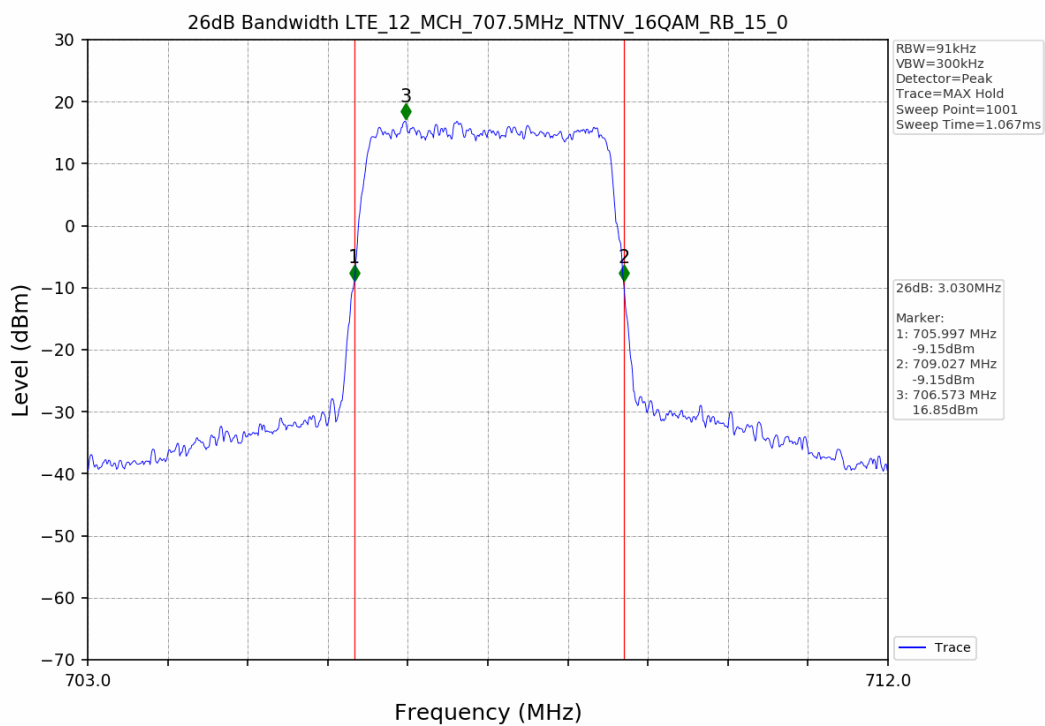
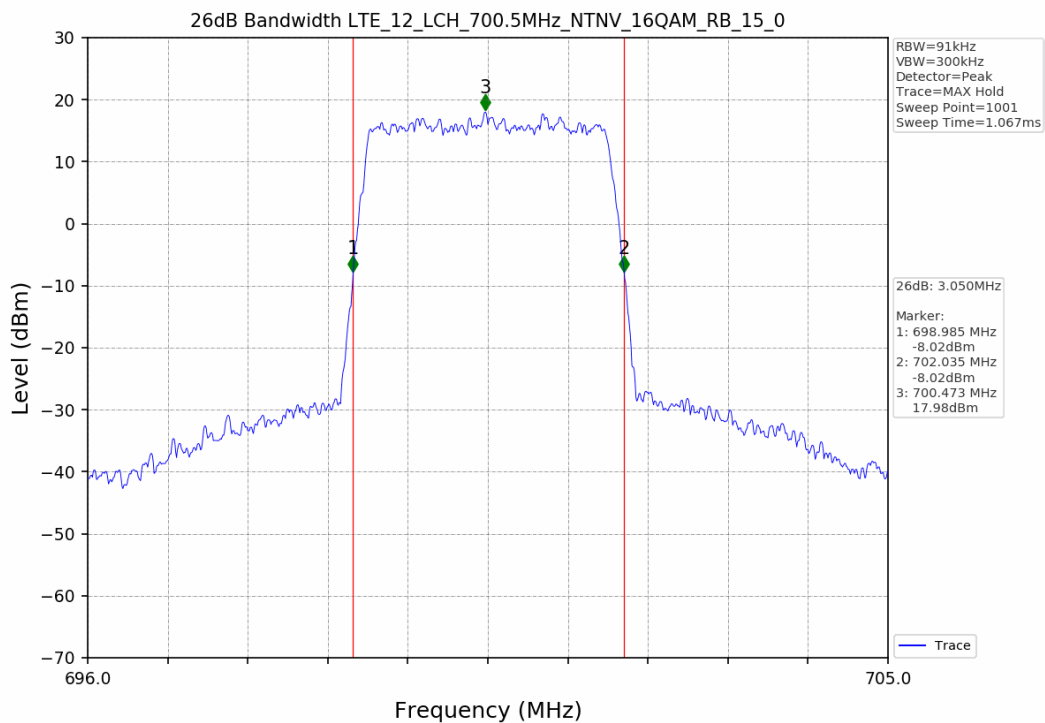


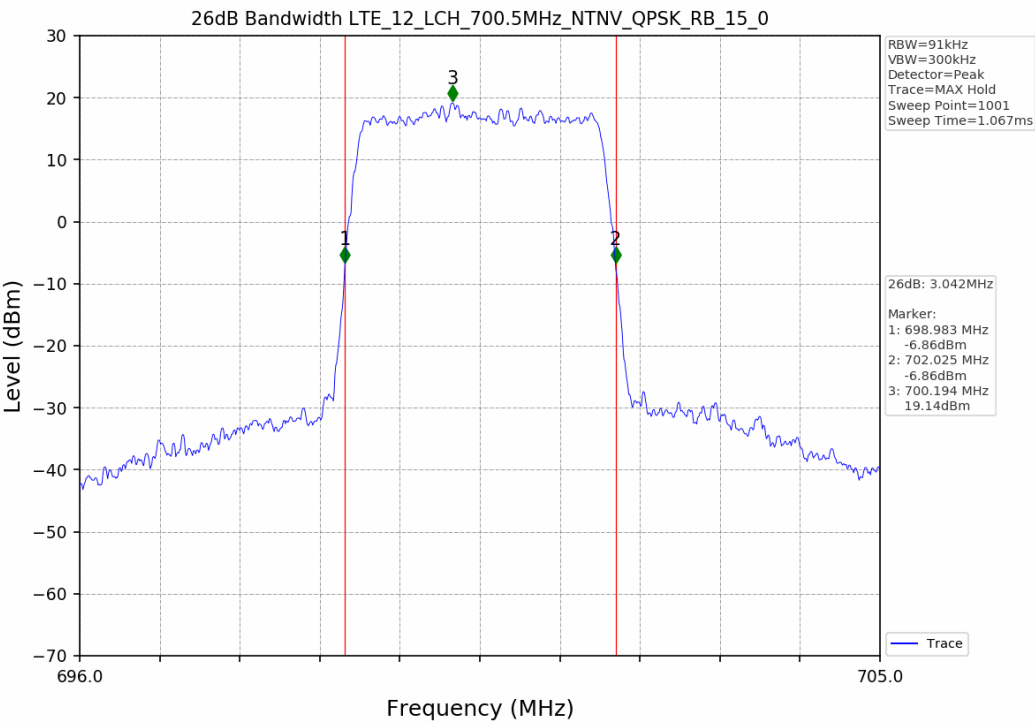
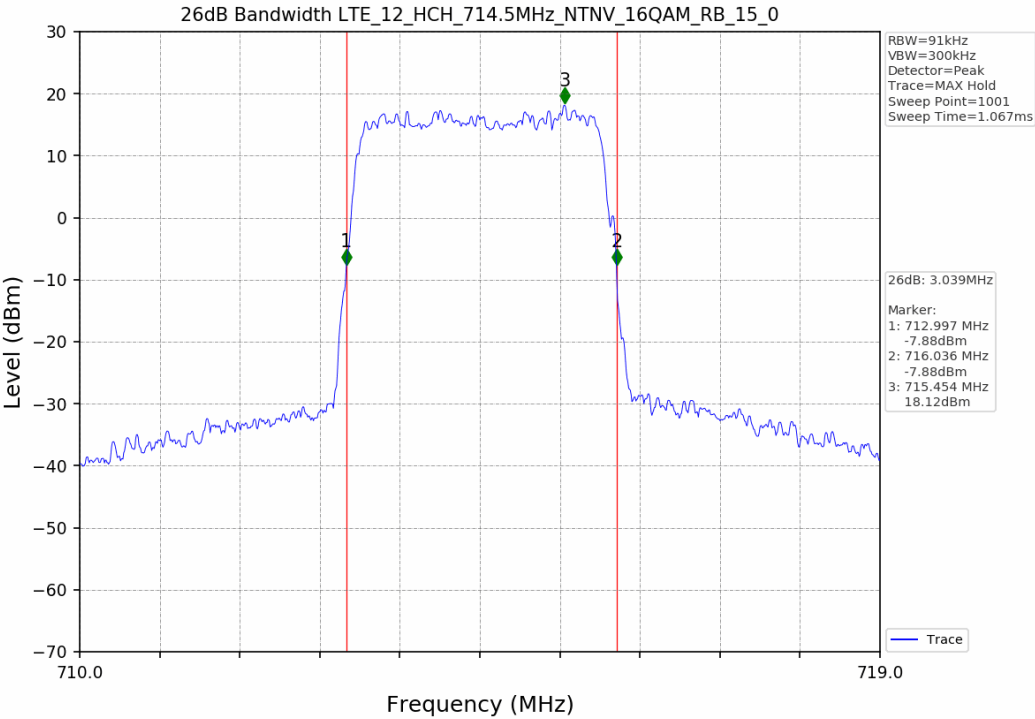


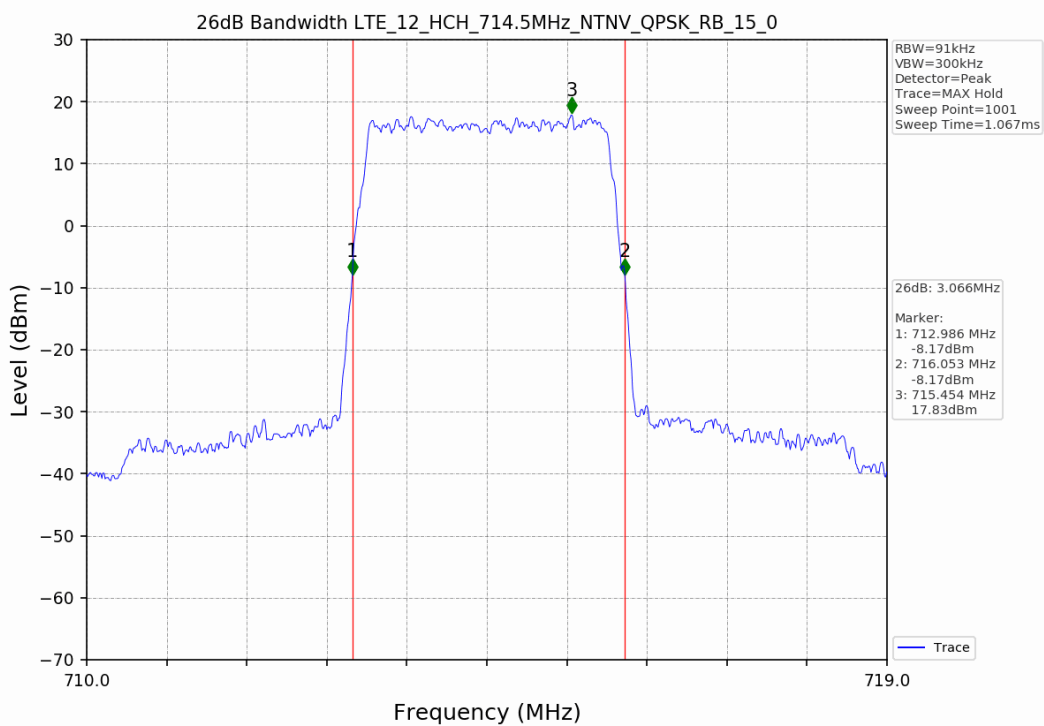
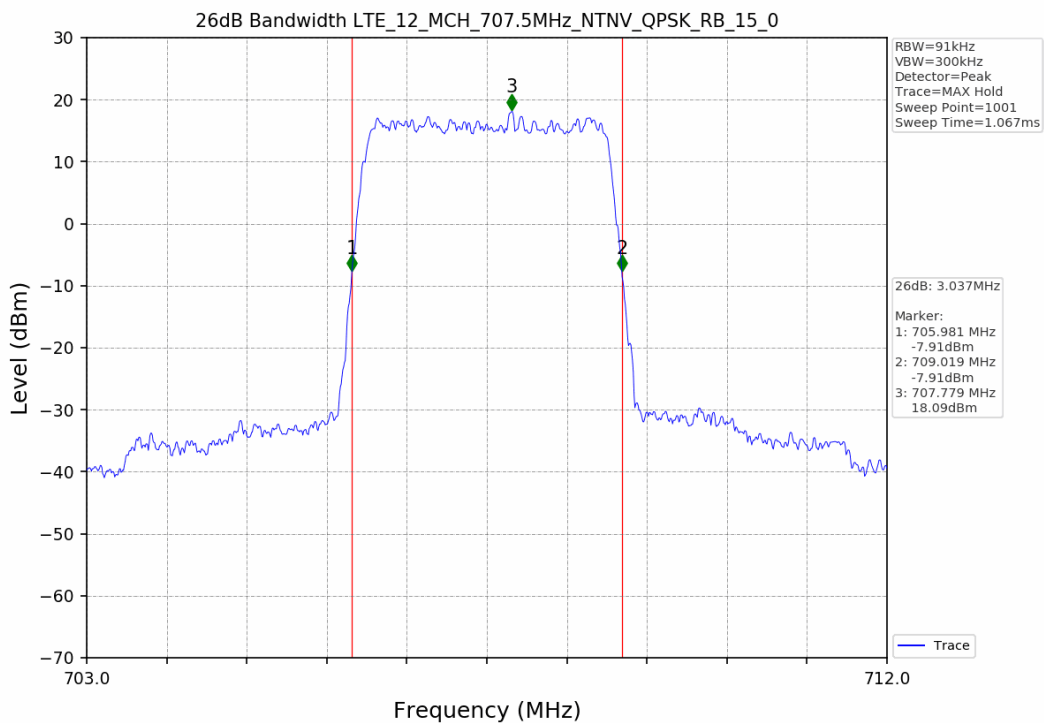




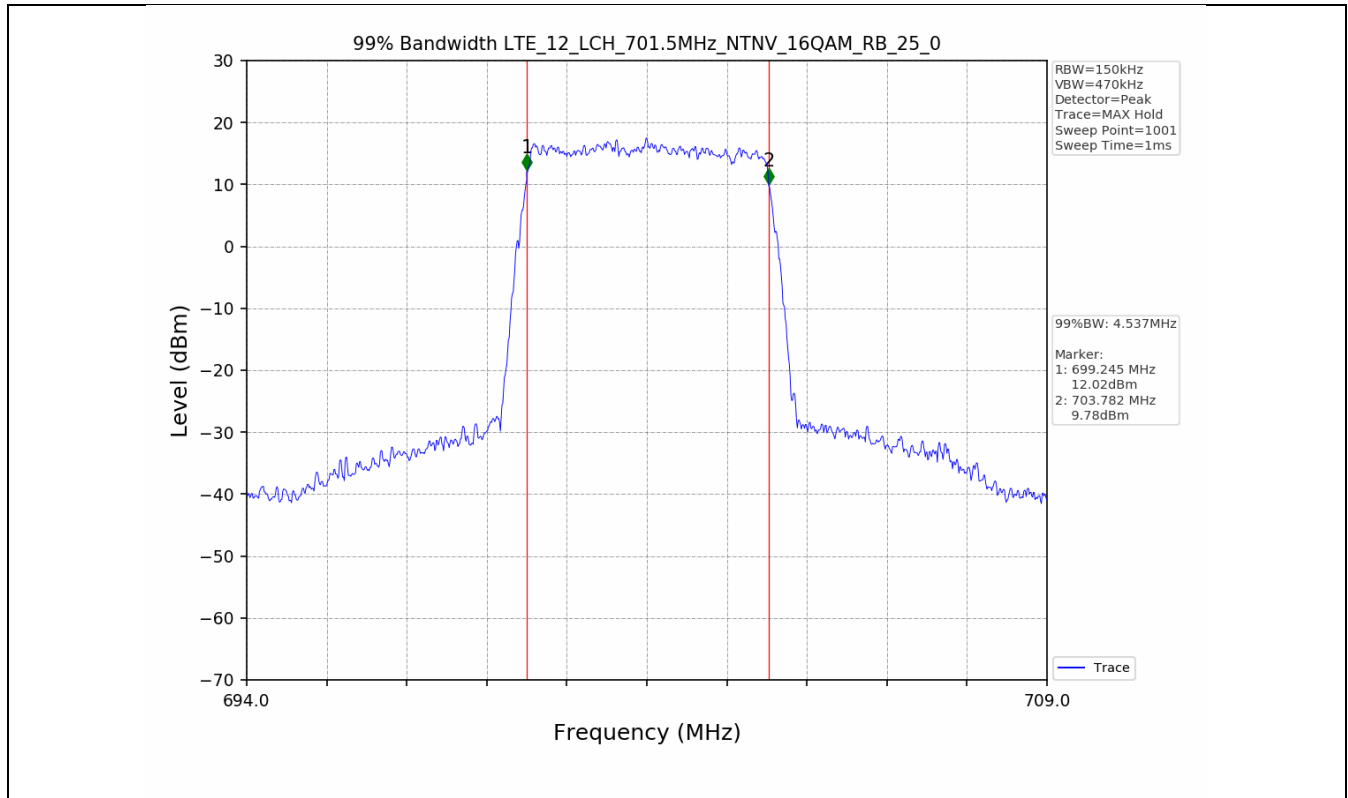
Test Band: 12 _ 3MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	3.042	3.037	3.066	N/A	PASS
16QAM	15	0	3.050	3.030	3.039	N/A	PASS

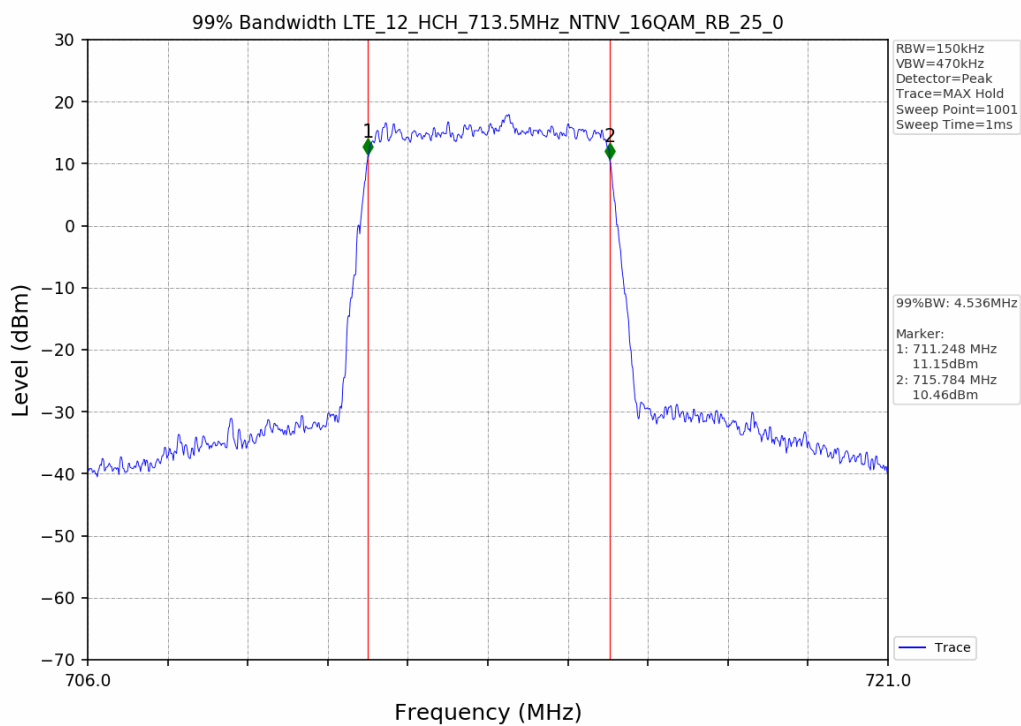
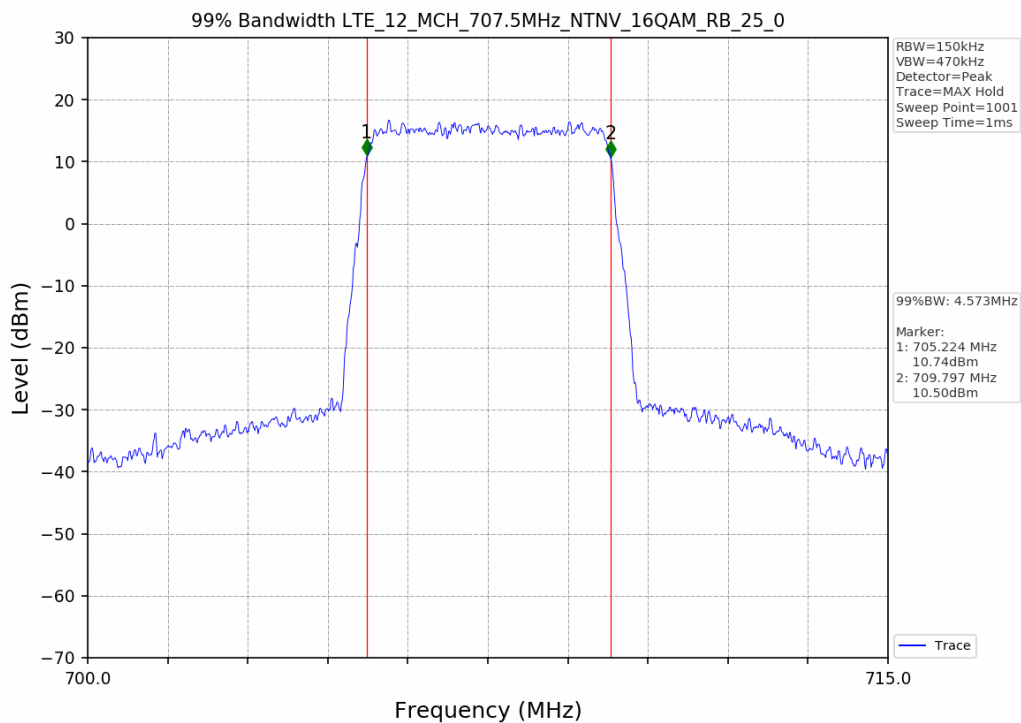


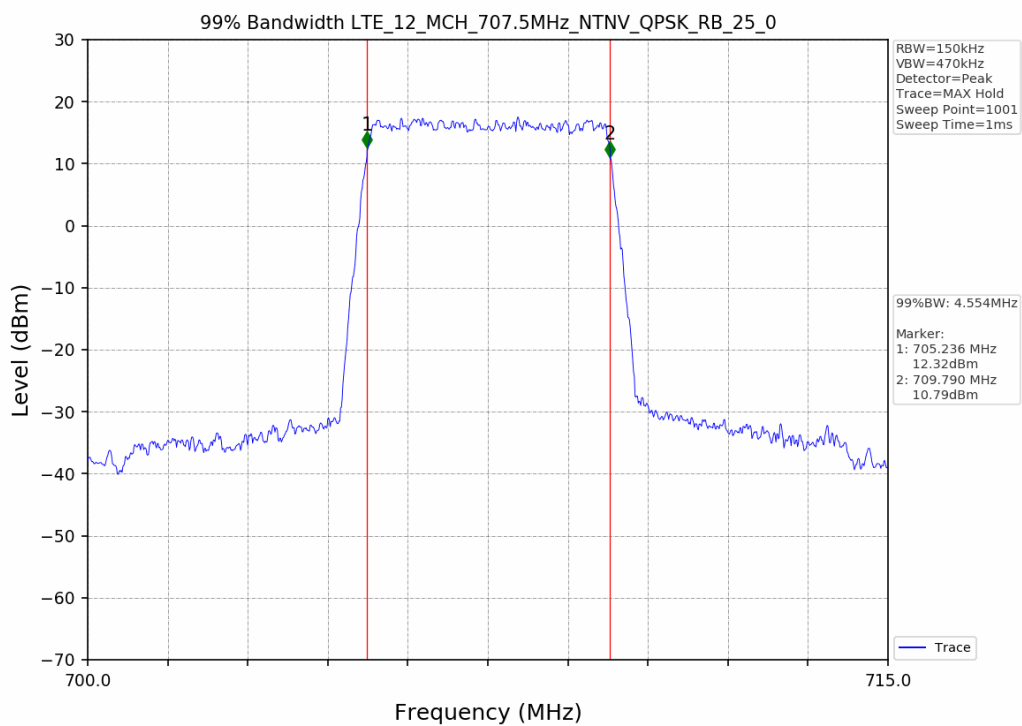
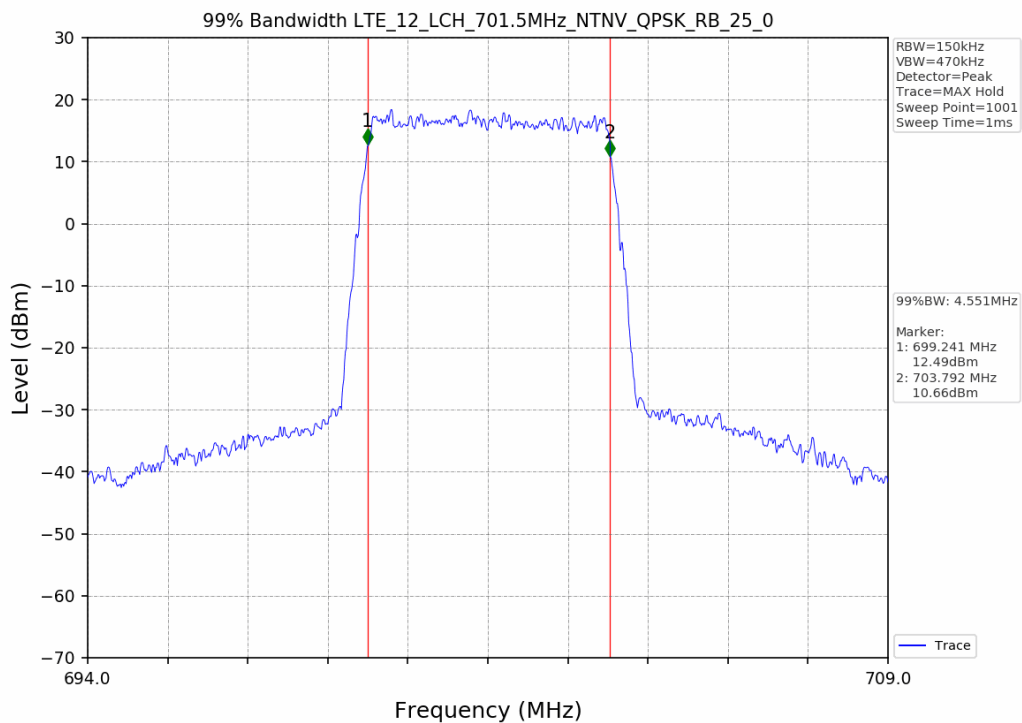


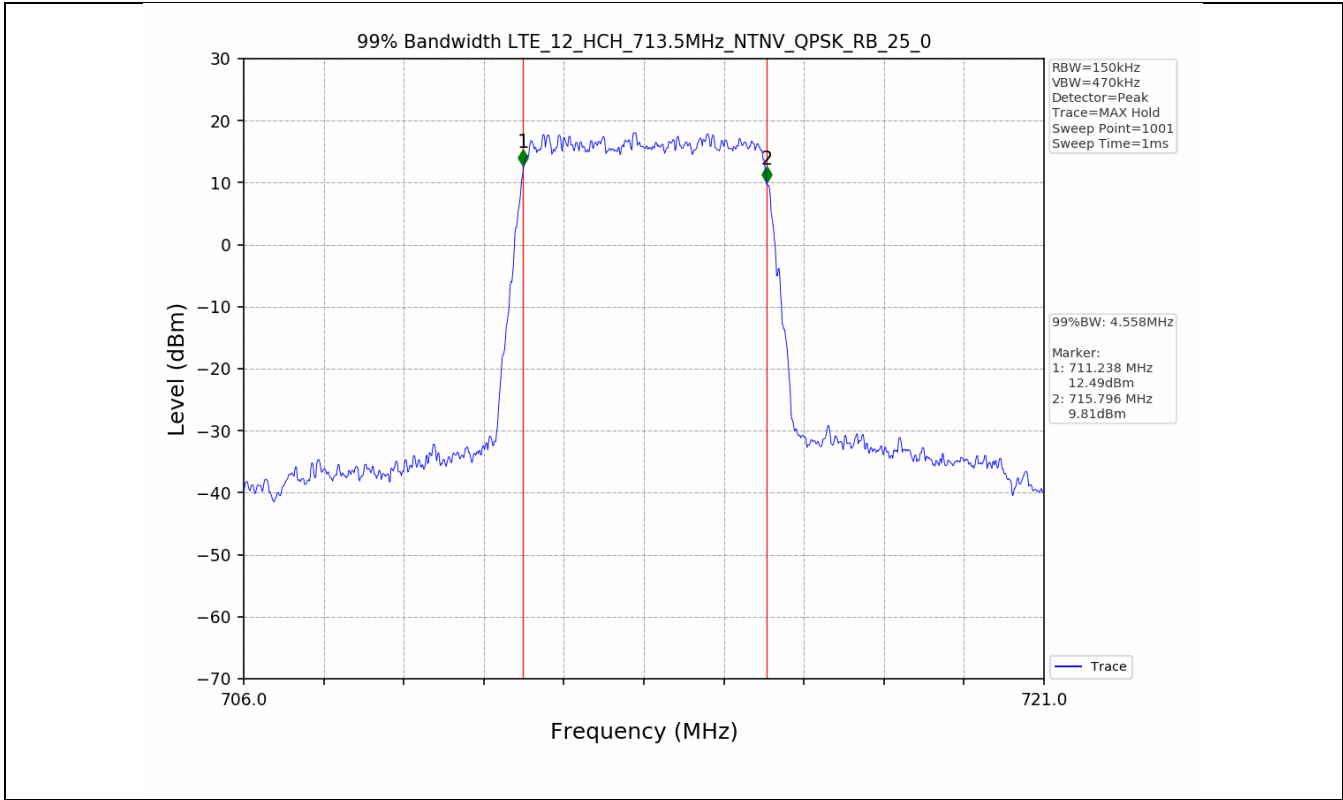


Test Band: 12_5MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.551	4.554	4.558	N/A	PASS
16QAM	25	0	4.537	4.573	4.536	N/A	PASS

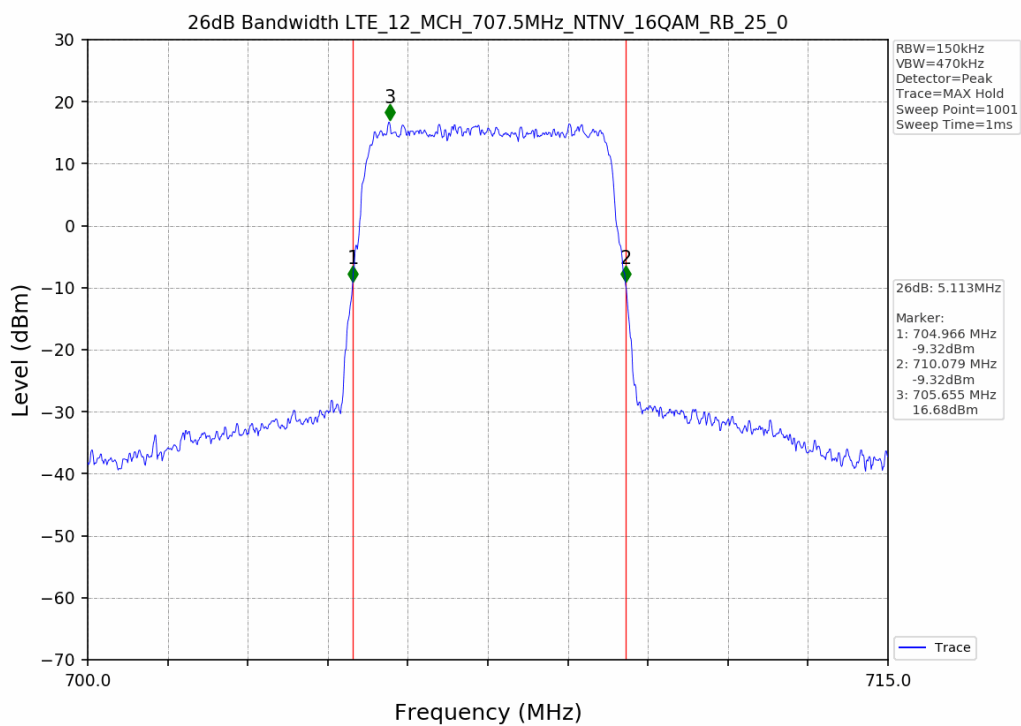
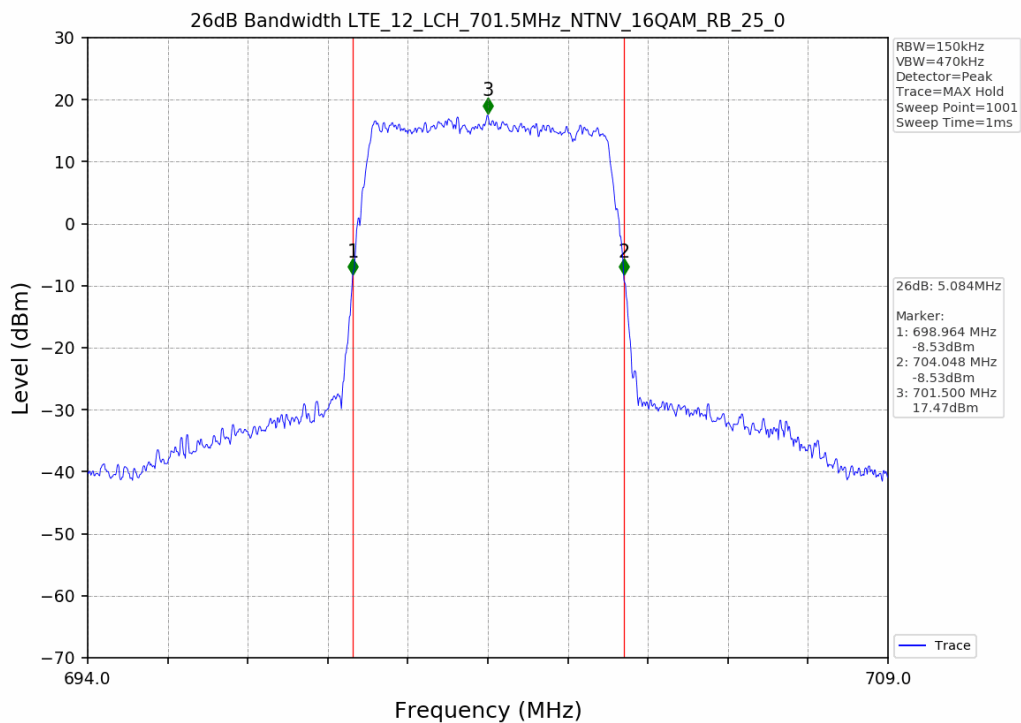


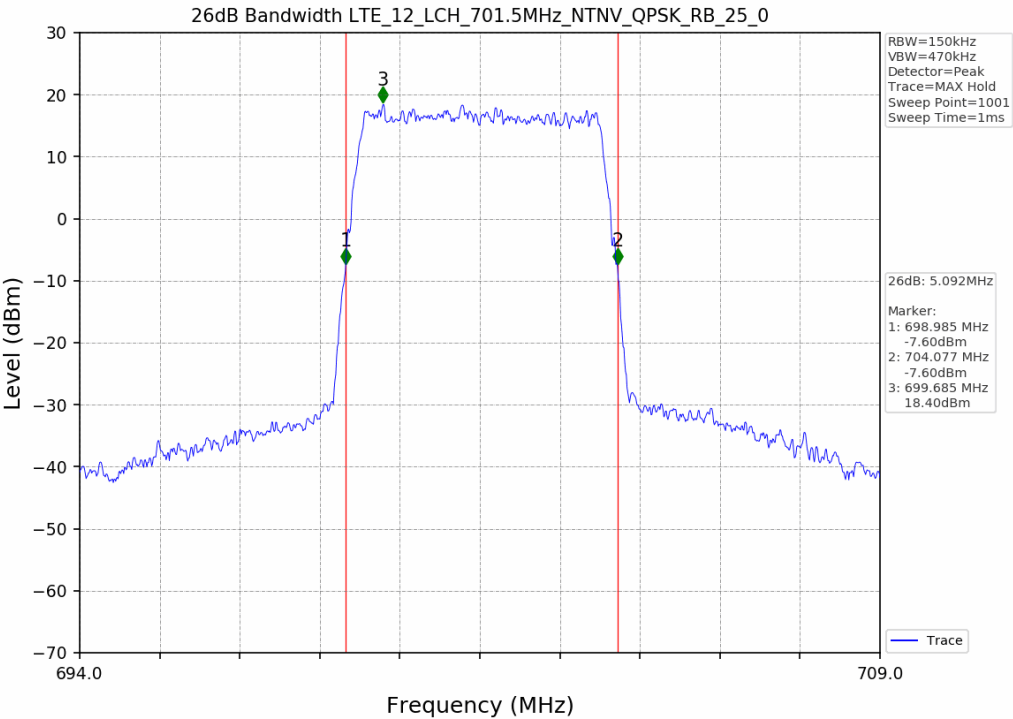
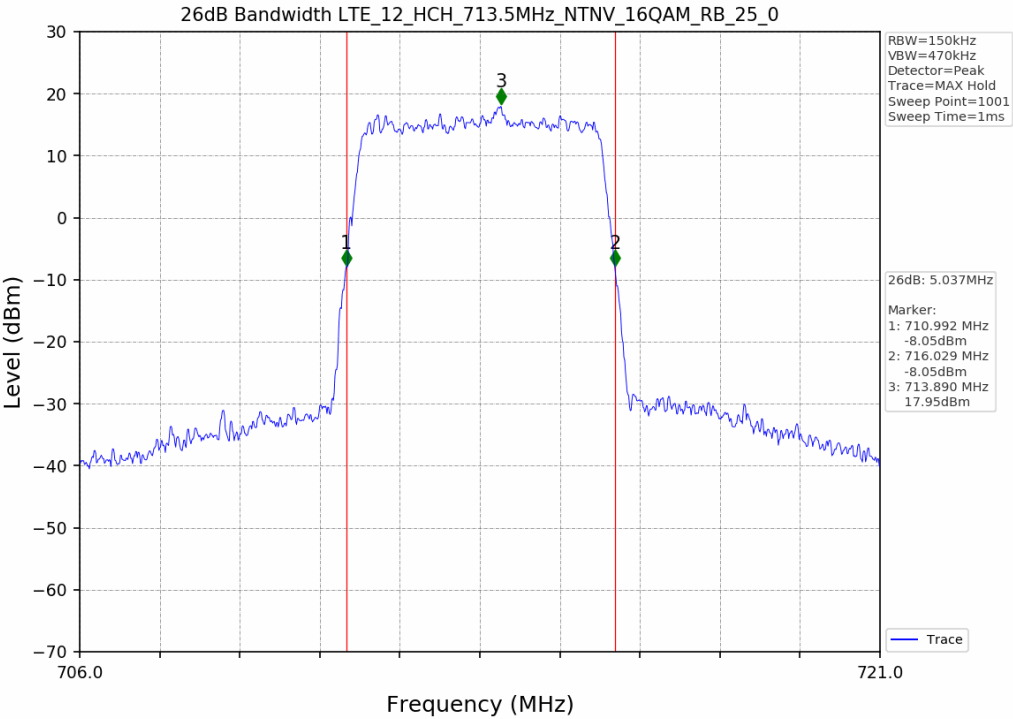


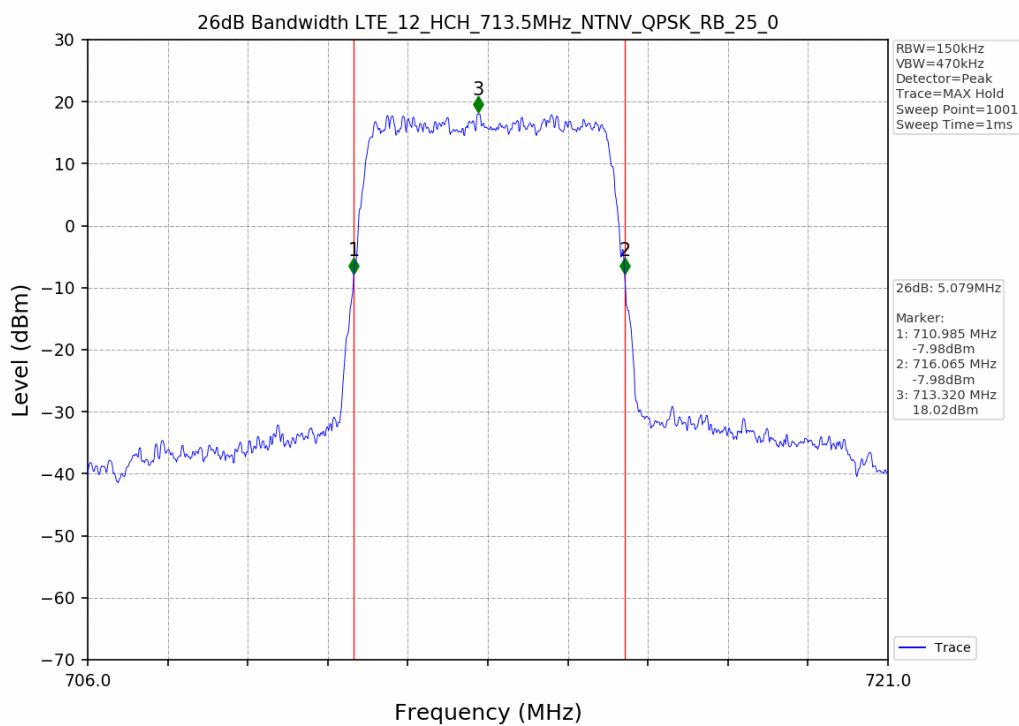
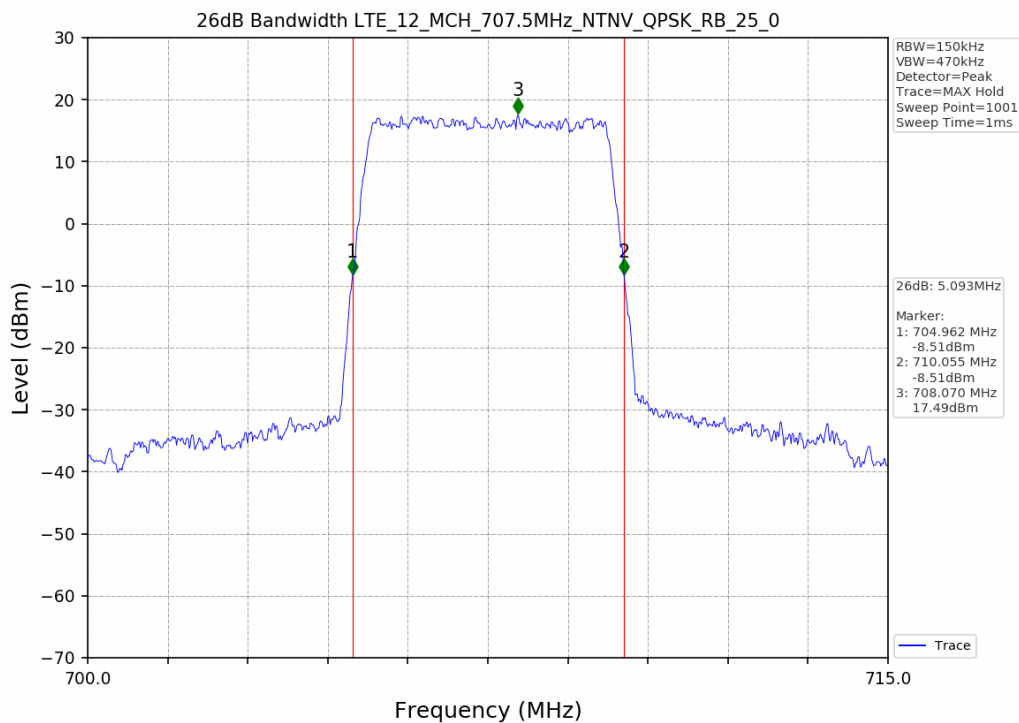




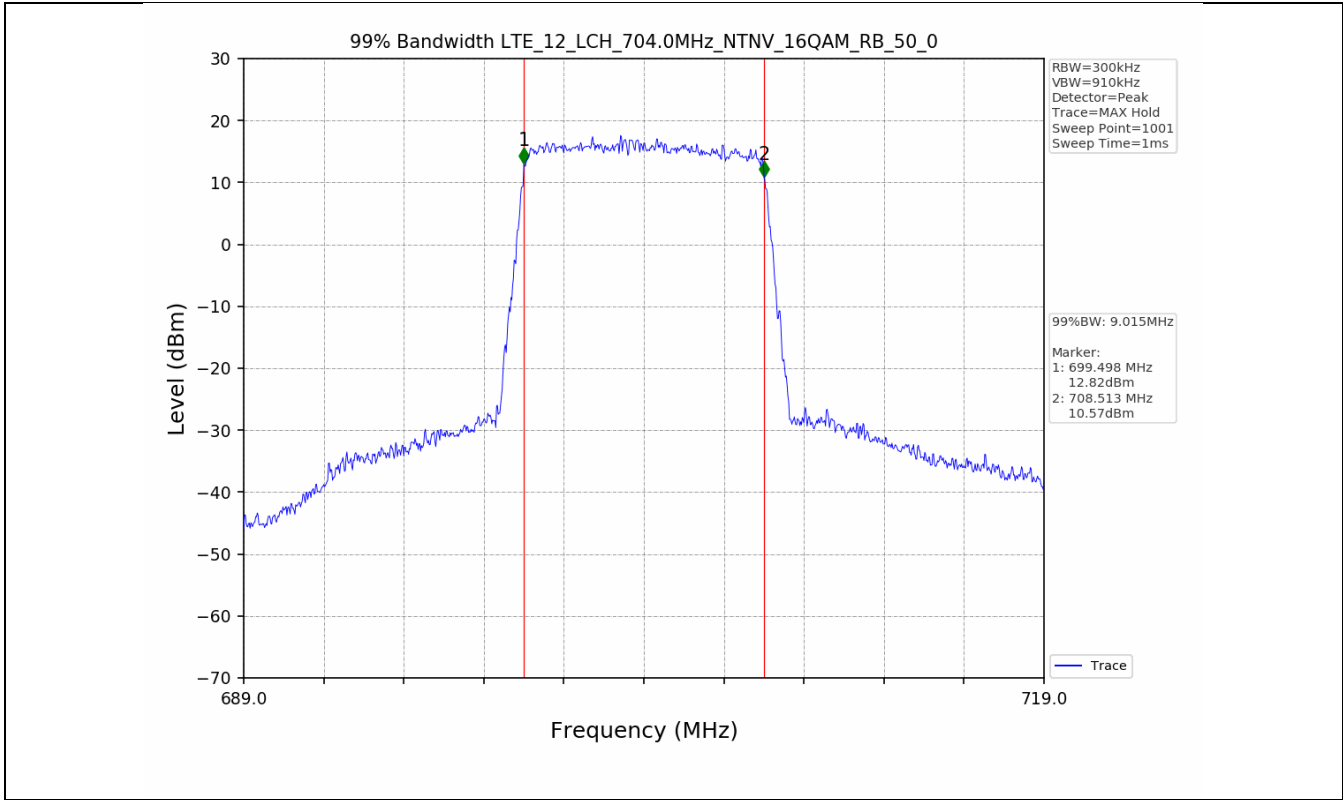
Test Band: 12_5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.092	5.093	5.079	N/A	PASS
16QAM	25	0	5.084	5.113	5.037	N/A	PASS

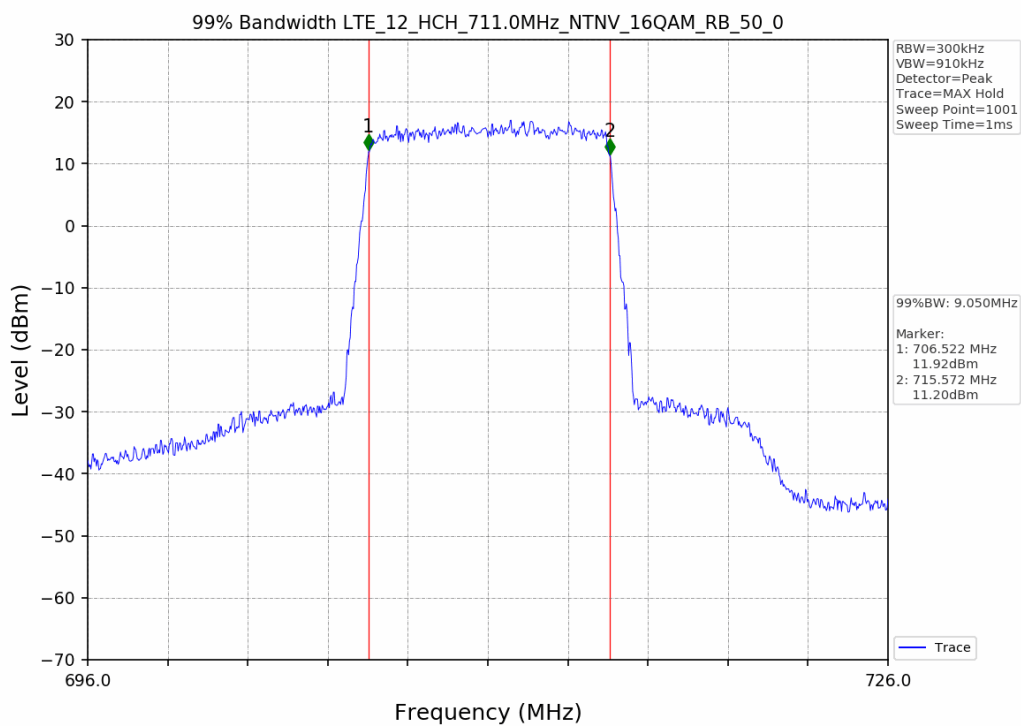
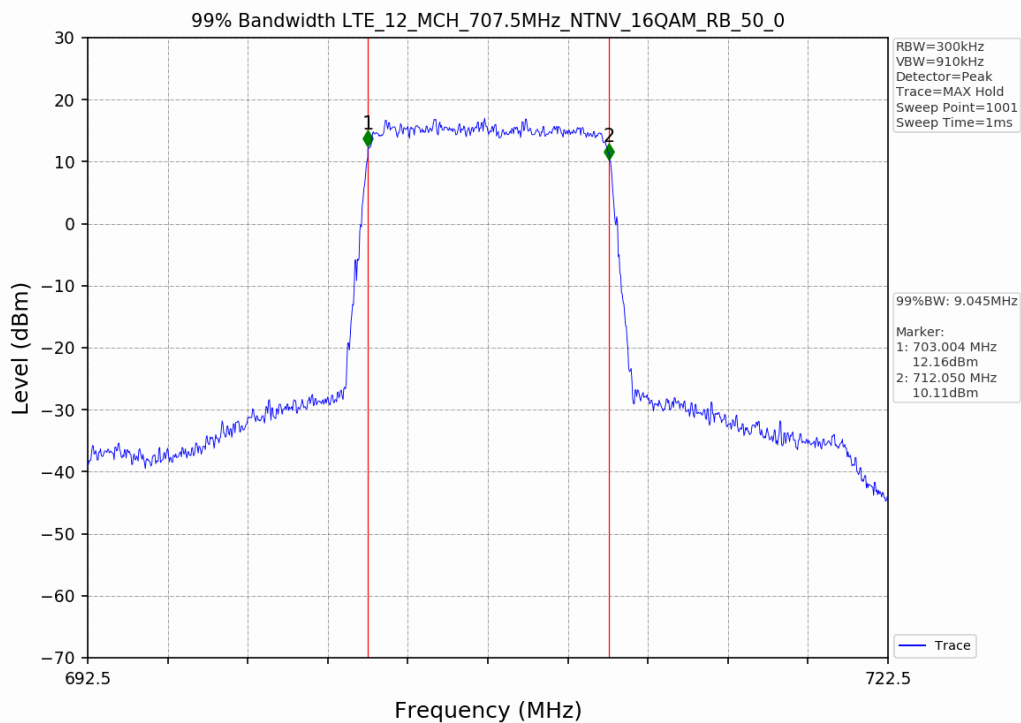


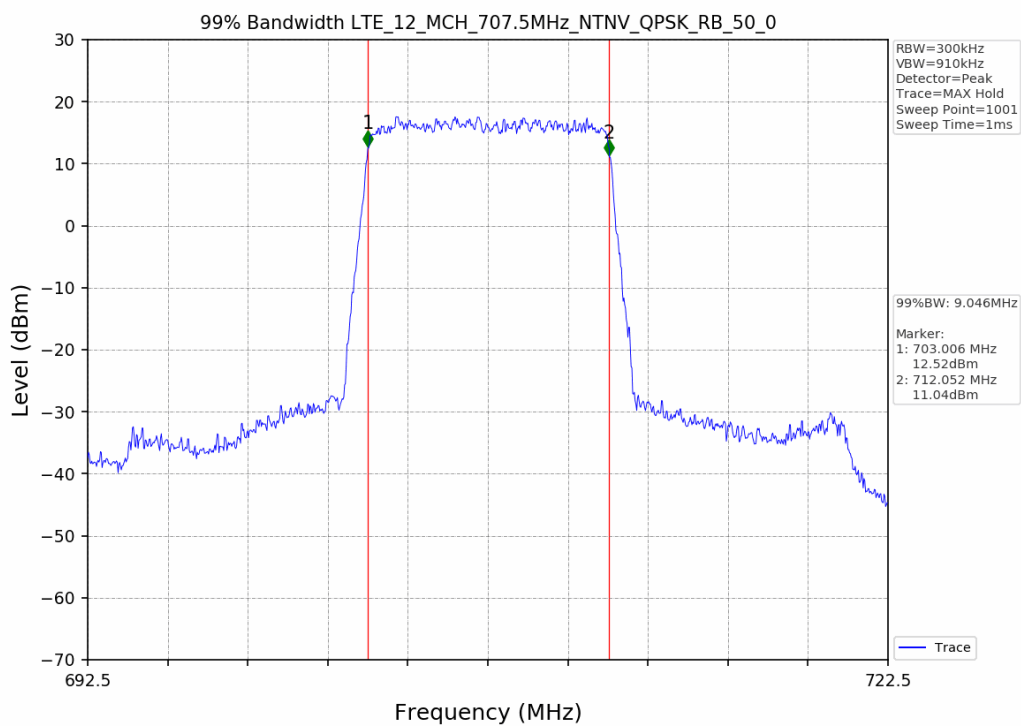
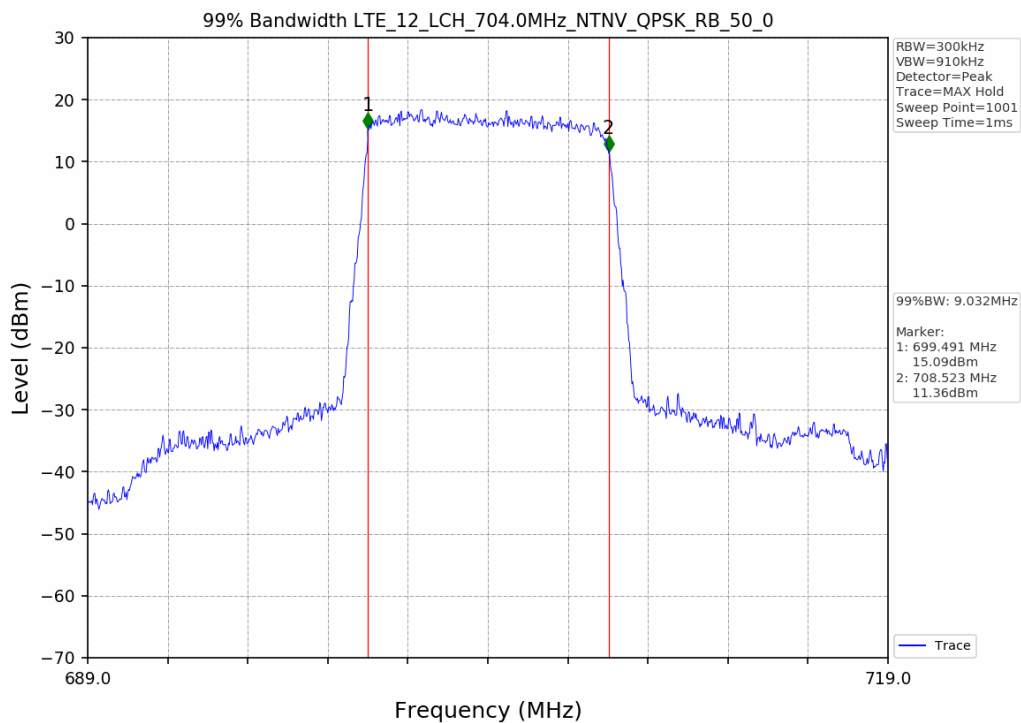


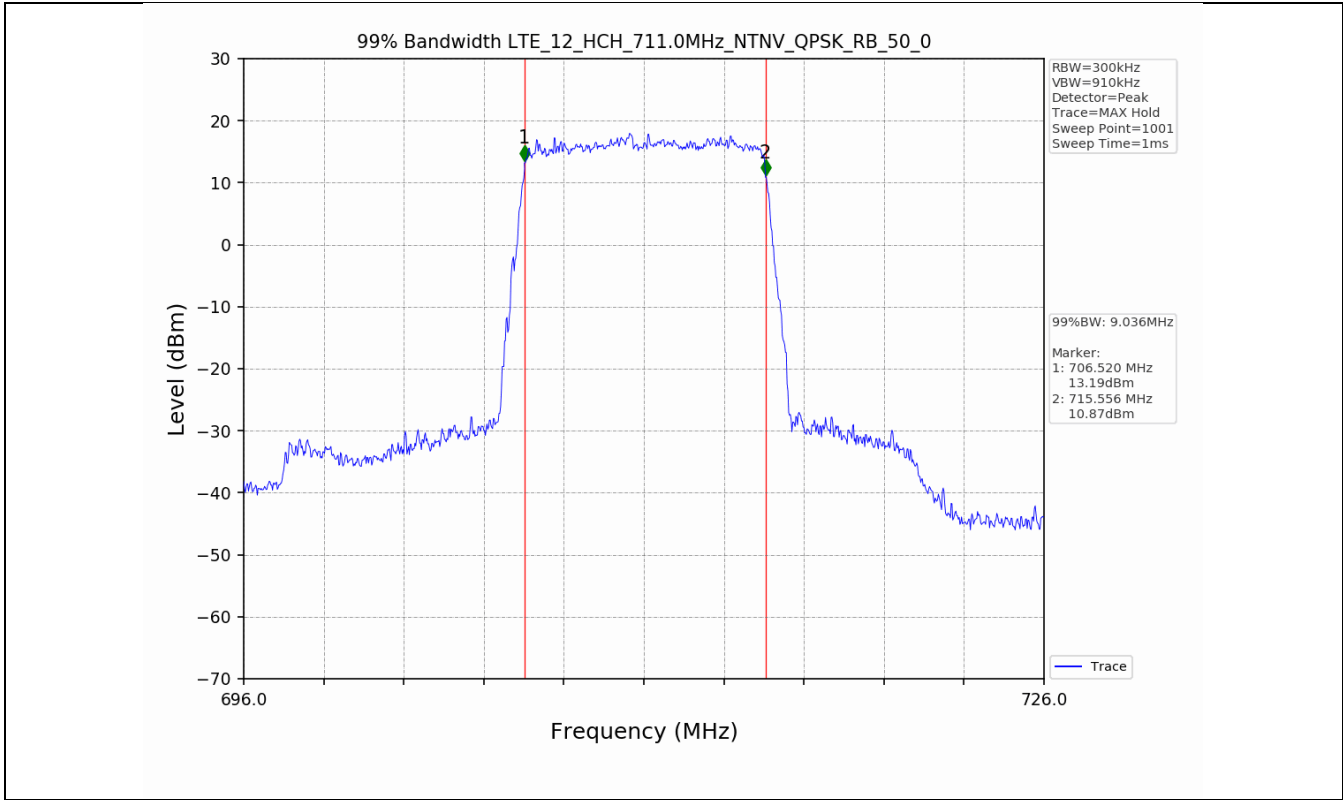


Test Band: 12_10MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.032	9.046	9.036	N/A	PASS
16QAM	50	0	9.015	9.045	9.050	N/A	PASS

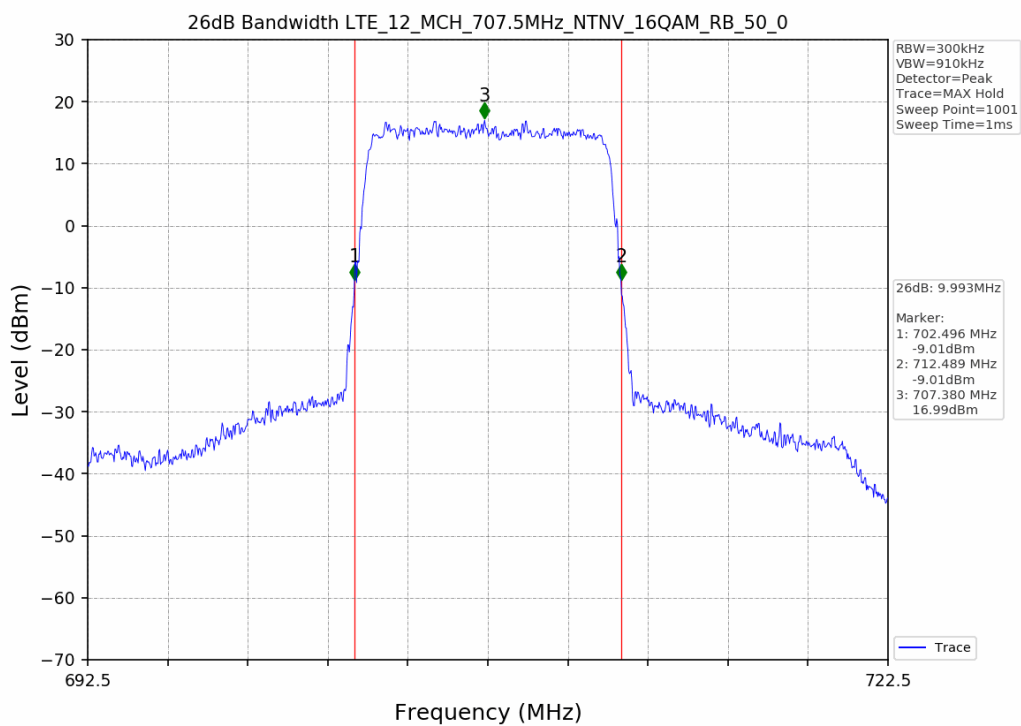
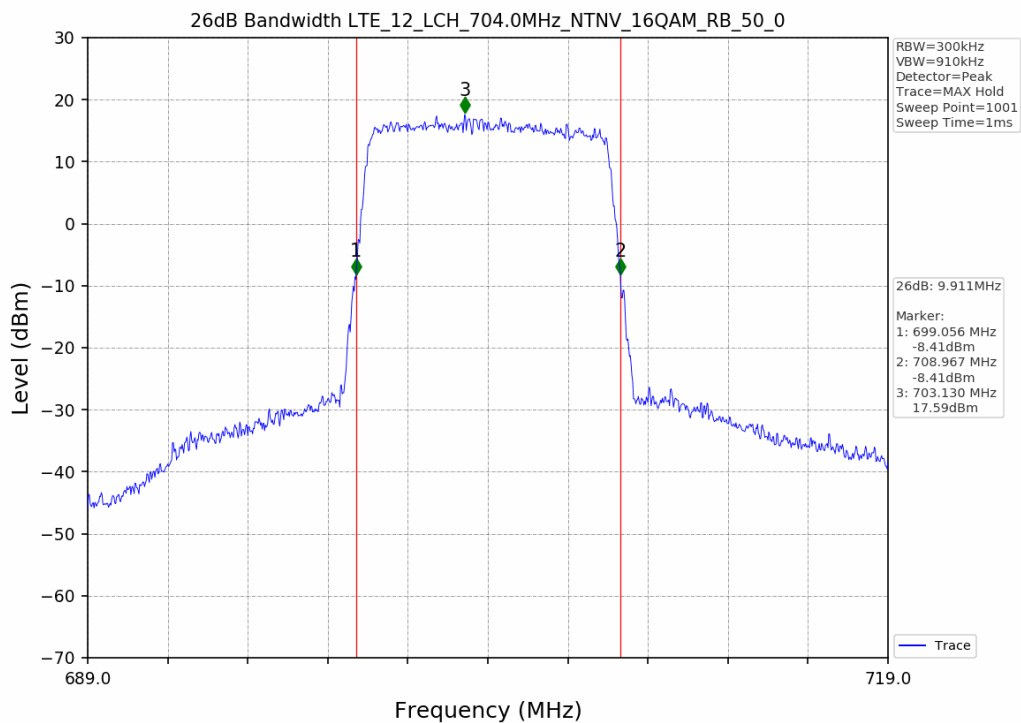


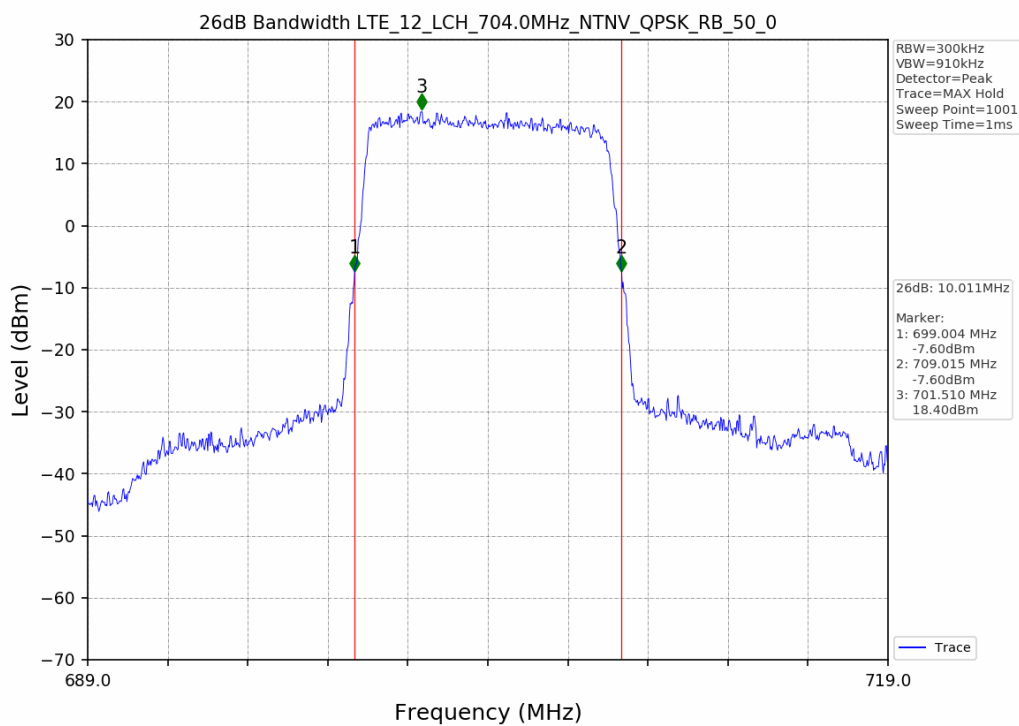
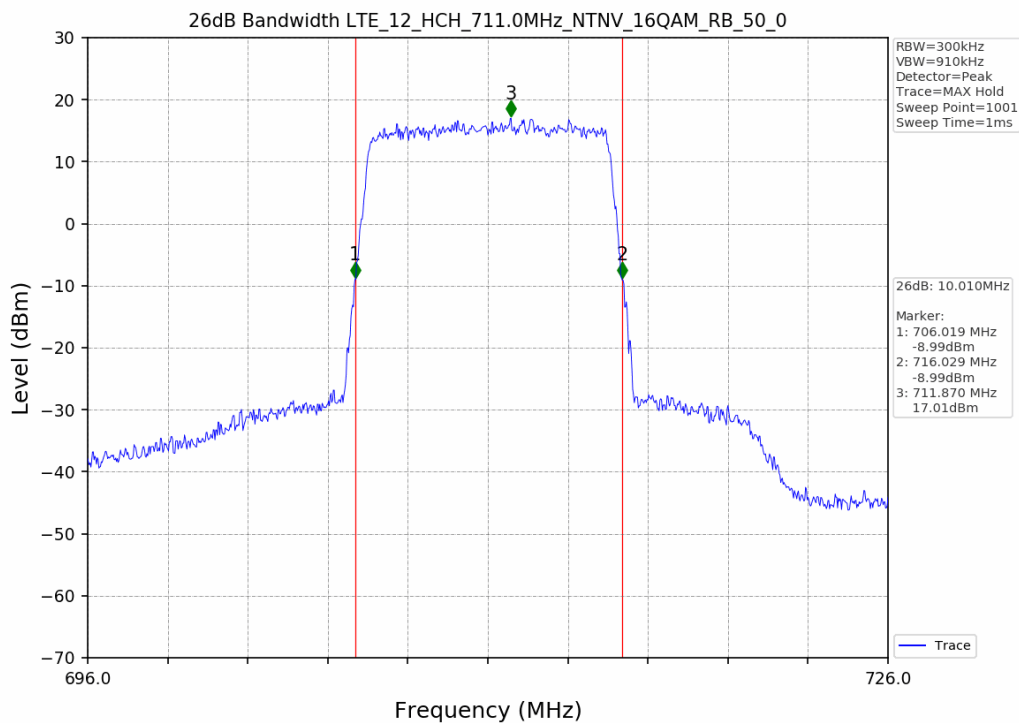


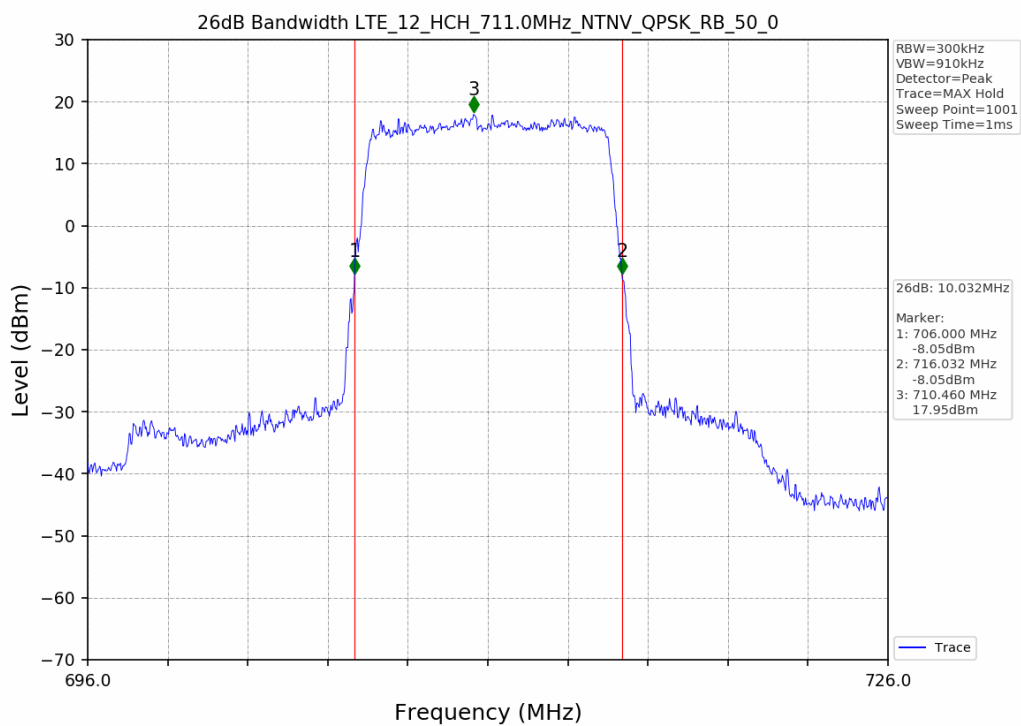
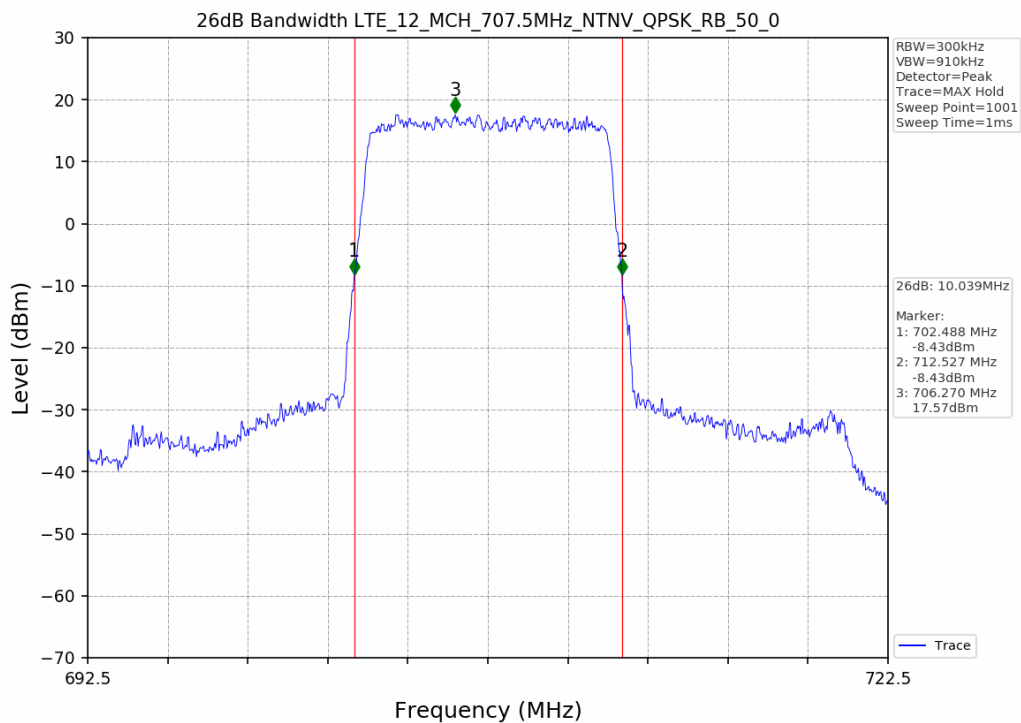




Test Band: 12_10MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	10.011	10.039	10.032	N/A	PASS
16QAM	50	0	9.911	9.993	10.010	N/A	PASS



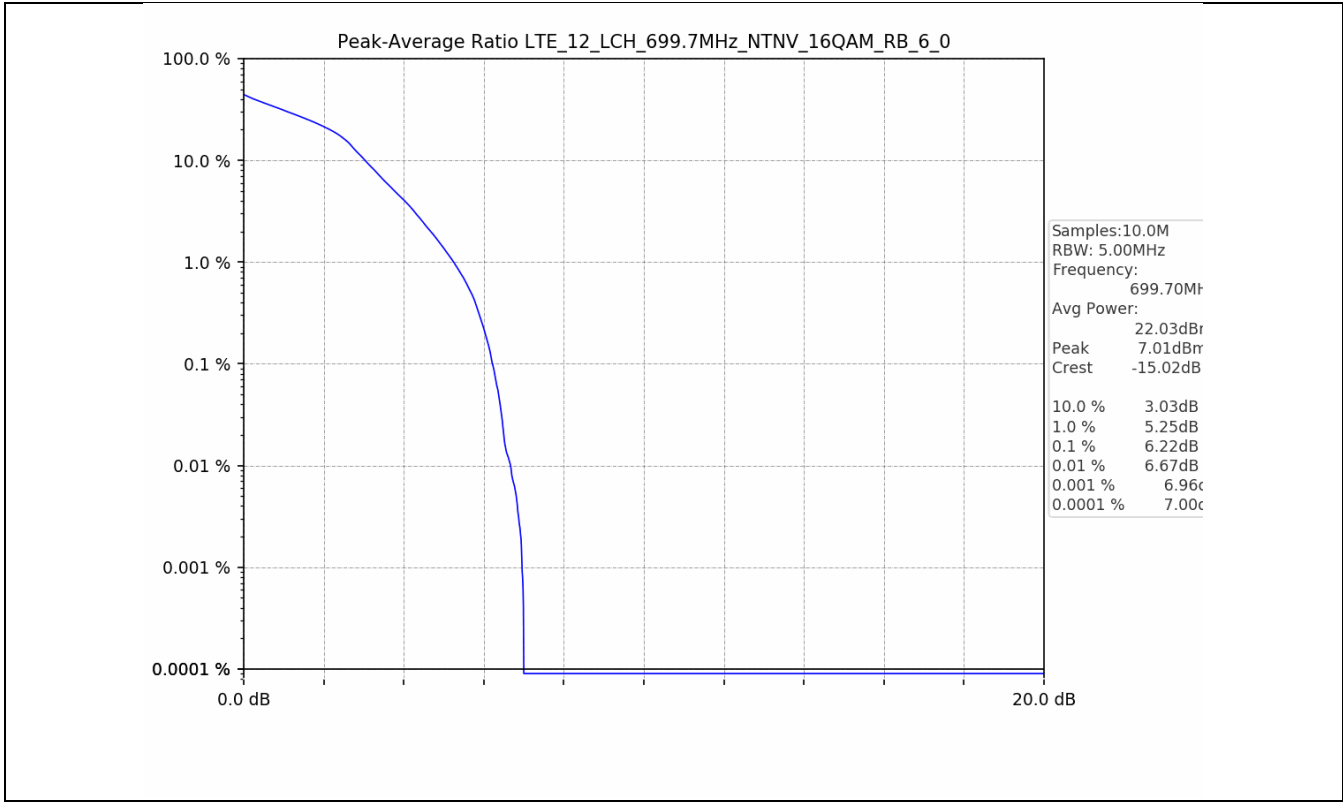


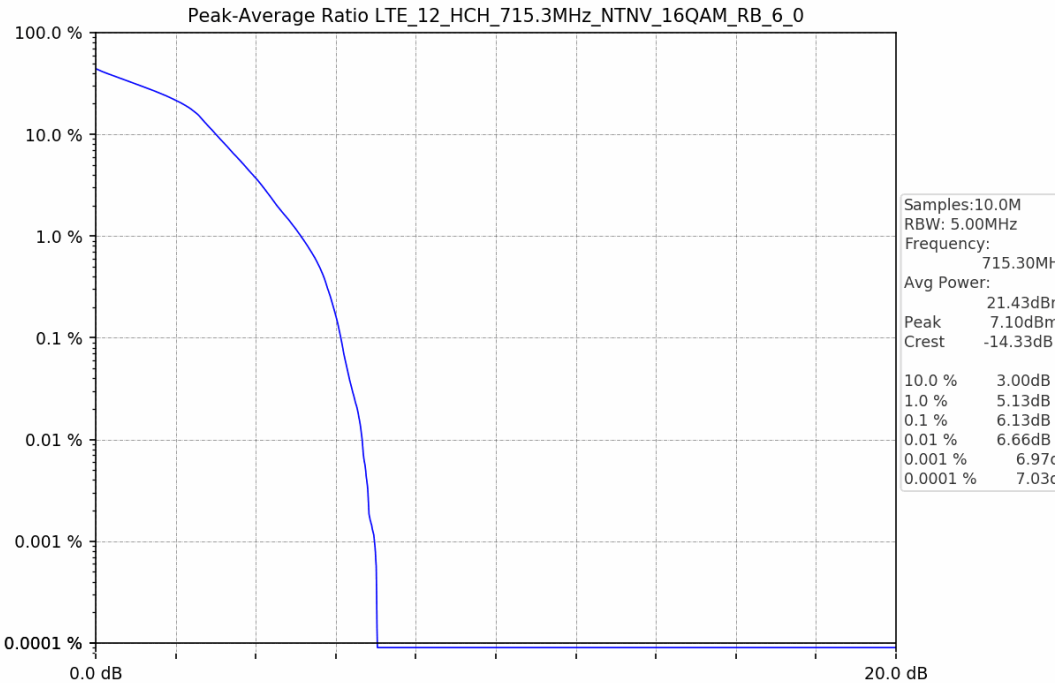
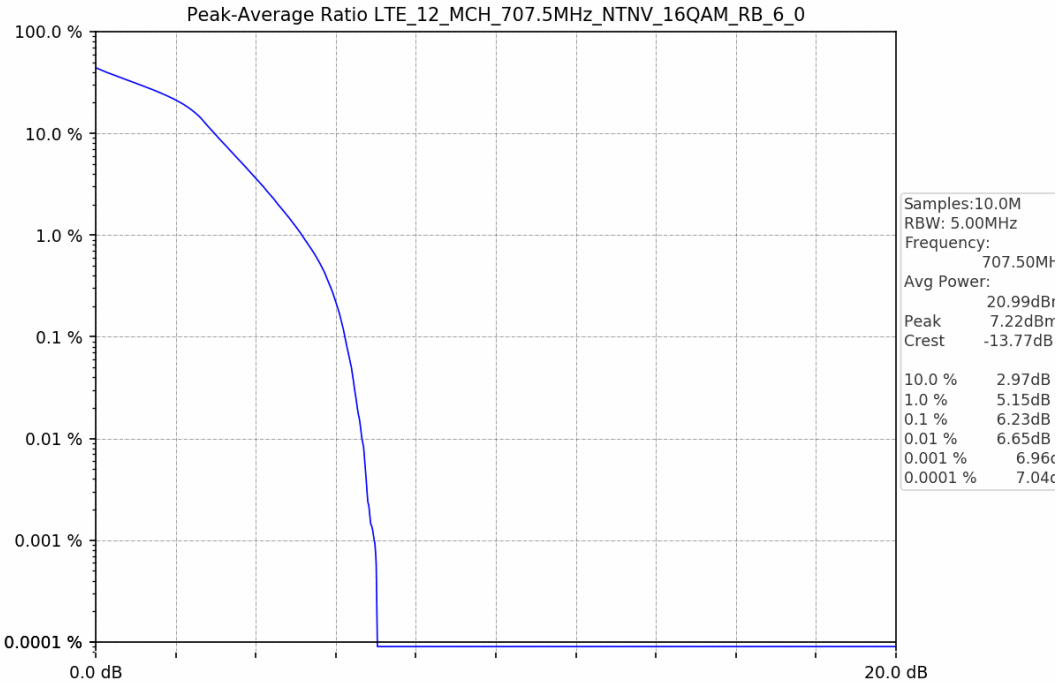


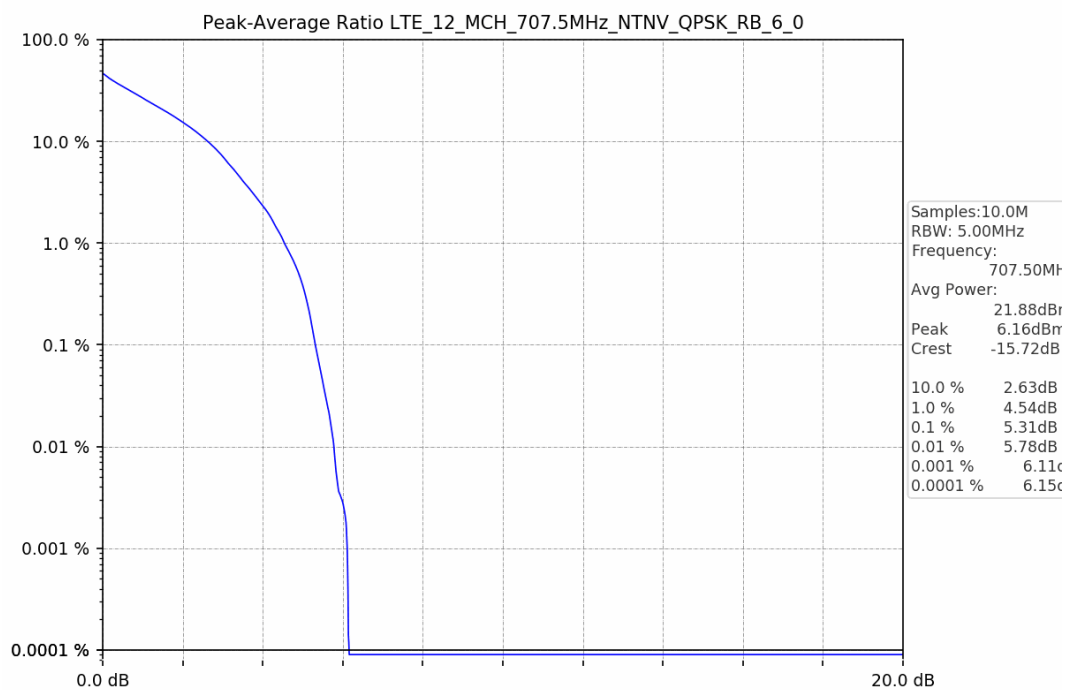
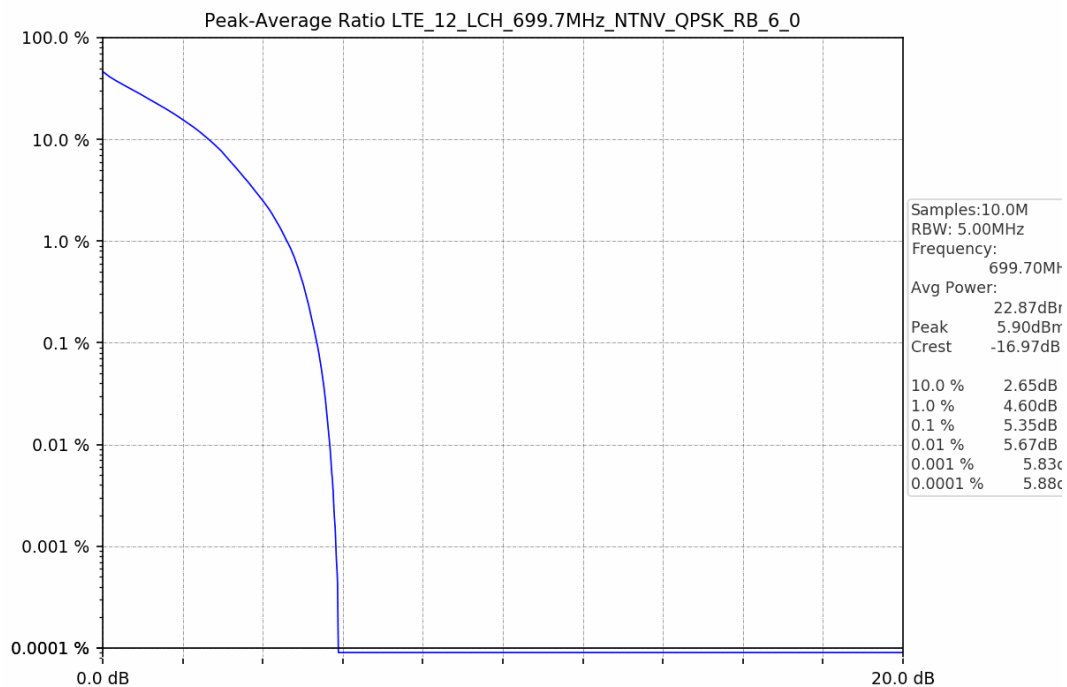
G4. Peak-Average Ratio

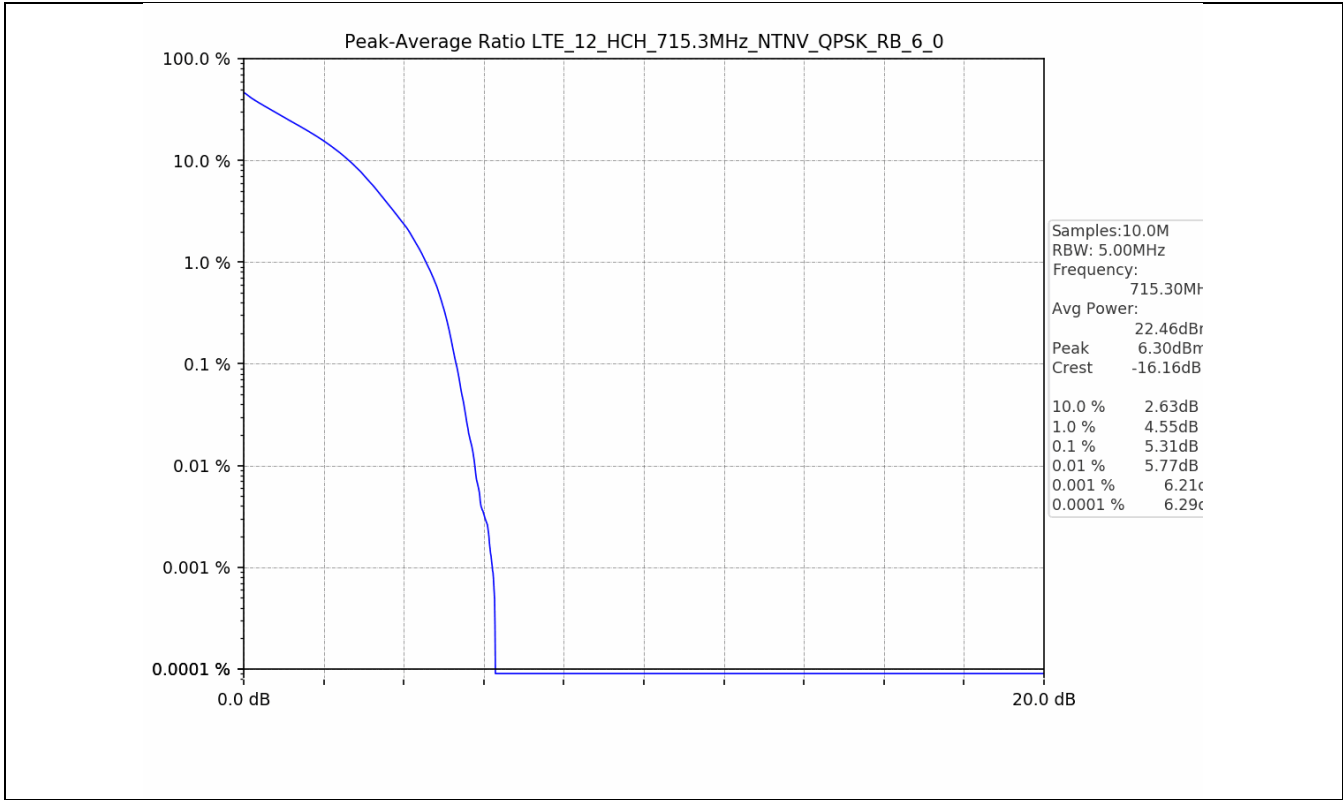
G4.1 Test Result

Test Band: 12_1.4MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	5.35	5.31	5.31	13	PASS
16QAM	6	0	6.22	6.23	6.13	13	PASS









Test Band: 12_3MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	5.35	5.43	5.39	13	PASS
16QAM	15	0	6.23	6.28	6.22	13	PASS

