

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

Test Band: 7 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	21.32	21.80	21.03	/	2.00	23.32	23.80	23.03	33.01	PASS
		13	21.25	21.77	20.80	/	2.00	23.25	23.77	22.80	33.01	PASS
		24	21.24	21.60	20.70	/	2.00	23.24	23.60	22.70	33.01	PASS
	12	0	20.54	20.55	20.07	/	2.00	22.54	22.55	22.07	33.01	PASS
		6	20.46	20.56	20.07	/	2.00	22.46	22.56	22.07	33.01	PASS
		13	20.45	20.54	19.99	/	2.00	22.45	22.54	21.99	33.01	PASS
16QAM	1	0	20.43	20.50	19.90	/	2.00	22.43	22.50	21.90	33.01	PASS
		13	20.39	21.10	19.84	/	2.00	22.39	23.10	21.84	33.01	PASS
		24	20.31	21.02	19.86	/	2.00	22.31	23.02	21.86	33.01	PASS
	12	0	19.77	19.73	19.50	/	2.00	21.77	21.73	21.50	33.01	PASS
		6	19.67	19.74	19.55	/	2.00	21.67	21.74	21.55	33.01	PASS
		13	19.60	19.73	19.43	/	2.00	21.60	21.73	21.43	33.01	PASS
64QAM	1	0	19.78	19.70	19.35	/	2.00	21.78	21.70	21.35	33.01	PASS
		13	19.97	20.85	20.02	/	2.00	21.97	22.85	22.02	33.01	PASS
		24	19.93	20.81	19.96	/	2.00	21.93	22.81	21.96	33.01	PASS
	12	0	19.92	20.82	19.95	/	2.00	21.92	22.82	21.95	33.01	PASS
		6	19.65	19.82	19.11	/	2.00	21.65	21.82	21.11	33.01	PASS
		13	19.46	19.82	19.12	/	2.00	21.46	21.82	21.12	33.01	PASS
64QAM	1	0	19.41	19.82	18.94	/	2.00	21.41	21.82	20.94	33.01	PASS
		13	19.72	19.71	19.38	/	2.00	21.72	21.71	21.38	33.01	PASS
		24	19.72	19.71	19.38	/	2.00	21.72	21.71	21.38	33.01	PASS
	12	0	19.72	19.71	19.38	/	2.00	21.72	21.71	21.38	33.01	PASS
		6	19.72	19.71	19.38	/	2.00	21.72	21.71	21.38	33.01	PASS
		13	19.72	19.71	19.38	/	2.00	21.72	21.71	21.38	33.01	PASS

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

Test Band: 7 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	21.20	21.43	20.98	/	2.00	23.20	23.43	22.98	33.01	PASS
		25	21.16	21.22	20.87	/	2.00	23.16	23.22	22.87	33.01	PASS
		49	21.14	21.51	20.84	/	2.00	23.14	23.51	22.84	33.01	PASS
	25	0	20.43	20.48	19.97	/	2.00	22.43	22.48	21.97	33.01	PASS
		13	20.61	20.47	20.13	/	2.00	22.61	22.47	22.13	33.01	PASS
		25	20.53	20.52	20.07	/	2.00	22.53	22.52	22.07	33.01	PASS
16QAM	1	0	20.46	20.44	20.05	/	2.00	22.46	22.44	22.05	33.01	PASS
		25	21.02	20.96	20.59	/	2.00	23.02	22.96	22.59	33.01	PASS
		49	21.07	20.99	20.37	/	2.00	23.07	22.99	22.37	33.01	PASS
	25	0	21.02	20.95	20.21	/	2.00	23.02	22.95	22.21	33.01	PASS
		13	19.76	19.73	19.42	/	2.00	21.76	21.73	21.42	33.01	PASS
		25	19.72	19.79	19.36	/	2.00	21.72	21.79	21.36	33.01	PASS
64QAM	1	0	19.72	19.77	19.41	/	2.00	21.72	21.77	21.41	33.01	PASS
		25	19.73	19.70	19.28	/	2.00	21.73	21.70	21.28	33.01	PASS
		49	21.00	20.96	20.85	/	2.00	23.00	22.96	22.85	33.01	PASS
	25	0	20.88	21.00	20.36	/	2.00	22.88	23.00	22.36	33.01	PASS
		13	21.00	20.95	20.24	/	2.00	23.00	22.95	22.24	33.01	PASS
		25	19.76	19.75	19.39	/	2.00	21.76	21.75	21.39	33.01	PASS

	50	0	19.74	19.70	19.28	/	2.00	21.74	21.70	21.28	33.01	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

Test Band: 7 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	21.20	21.29	21.11	/	2.00	23.20	23.29	23.11	33.01	PASS
		38	21.09	21.27	20.93	/	2.00	23.09	23.27	22.93	33.01	PASS
		74	21.00	21.19	20.85	/	2.00	23.00	23.19	22.85	33.01	PASS
	36	0	20.50	20.56	20.39	/	2.00	22.50	22.56	22.39	33.01	PASS
		18	20.54	20.53	20.28	/	2.00	22.54	22.53	22.28	33.01	PASS
		39	20.48	20.56	20.17	/	2.00	22.48	22.56	22.17	33.01	PASS
	75	0	20.45	20.52	20.22	/	2.00	22.45	22.52	22.22	33.01	PASS
20.99	20.89		20.95	/	2.00	22.99	22.89	22.95	33.01	PASS		
16QAM	1	38	21.01	20.88	20.94	/	2.00	23.01	22.88	22.94	33.01	PASS
		74	20.84	20.88	20.43	/	2.00	22.84	22.88	22.43	33.01	PASS
		0	19.79	19.85	19.46	/	2.00	21.79	21.85	21.46	33.01	PASS
	36	18	19.79	19.83	19.36	/	2.00	21.79	21.83	21.36	33.01	PASS
		39	19.75	19.85	19.30	/	2.00	21.75	21.85	21.30	33.01	PASS
		75	0	19.79	19.76	19.38	/	2.00	21.79	21.76	21.38	33.01
	21.08	20.69		21.12	/	2.00	23.08	22.69	23.12	33.01	PASS	
64QAM	1	38	20.98	20.68	20.99	/	2.00	22.98	22.68	22.99	33.01	PASS
		74	20.92	20.62	21.00	/	2.00	22.92	22.62	23.00	33.01	PASS
		0	19.73	19.83	19.43	/	2.00	21.73	21.83	21.43	33.01	PASS
	36	18	19.67	19.80	19.32	/	2.00	21.67	21.80	21.32	33.01	PASS
		39	19.66	19.81	19.29	/	2.00	21.66	21.81	21.29	33.01	PASS
		75	0	19.77	19.76	19.40	/	2.00	21.77	21.76	21.40	33.01
	Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)											

Test Band: 7 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	21.80	21.21	21.14	/	2.00	23.80	23.21	23.14	33.01	PASS	
		50	21.47	20.88	20.91	/	2.00	23.47	22.88	22.91	33.01	PASS	
		99	21.38	20.80	20.78	/	2.00	23.38	22.80	22.78	33.01	PASS	
	50	0	20.39	20.41	20.29	/	2.00	22.39	22.41	22.29	33.01	PASS	
		25	20.34	20.35	20.13	/	2.00	22.34	22.35	22.13	33.01	PASS	
		50	20.29	20.40	19.95	/	2.00	22.29	22.40	21.95	33.01	PASS	
	100	0	20.37	20.38	20.09	/	2.00	22.37	22.38	22.09	33.01	PASS	
	20.99		21.20	20.56	/	2.00	22.99	23.20	22.56	33.01	PASS		
	16QAM	1	50	21.26	21.10	20.38	/	2.00	23.26	23.10	22.38	33.01	PASS
99			21.13	21.04	20.06	/	2.00	23.13	23.04	22.06	33.01	PASS	
50			0	19.69	19.62	19.45	/	2.00	21.69	21.62	21.45	33.01	PASS
		25	19.61	19.62	19.33	/	2.00	21.61	21.62	21.33	33.01	PASS	
		50	19.55	19.61	19.20	/	2.00	21.55	21.61	21.20	33.01	PASS	
100		0	19.63	19.67	19.31	/	2.00	21.63	21.67	21.31	33.01	PASS	
20.88			21.41	20.80	/	2.00	22.88	23.41	22.80	33.01	PASS		
64QAM		1	50	20.98	21.01	20.42	/	2.00	22.98	23.01	22.42	33.01	PASS
			99	20.83	21.02	20.15	/	2.00	22.83	23.02	22.15	33.01	PASS
	50		0	19.59	19.63	19.45	/	2.00	21.59	21.63	21.45	33.01	PASS
		25	19.60	19.60	19.30	/	2.00	21.60	21.60	21.30	33.01	PASS	

	50	19.51	19.62	19.19	/	2.00	21.51	21.62	21.19	33.01	PASS
100	0	19.65	19.65	19.32	/	2.00	21.65	21.65	21.32	33.01	PASS

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

2. Frequency stability

2.1 Test Result

Test Band: 7 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	-32.5155	-11.6444	-17.5667	-0.0130	-0.0046	-0.0068	2.50	PASS
				NV	-35.6913	-24.0612	-6.6519	-0.0143	-0.0095	-0.0026	2.50	PASS
				HV	-33.3023	-18.5823	-12.4884	-0.0133	-0.0073	-0.0049	2.50	PASS
16QAM	25	0	NT	LV	-28.5101	-41.5421	-16.2506	-0.0114	-0.0164	-0.0063	2.50	PASS
				NV	-15.8072	-41.1558	-7.1812	-0.0063	-0.0162	-0.0028	2.50	PASS
				HV	-24.8480	-42.5720	-6.5804	-0.0099	-0.0168	-0.0026	2.50	PASS
64QAM	25	0	NT	LV	-14.3480	-22.3589	-27.5946	-0.0057	-0.0088	-0.0107	2.50	PASS
				NV	-27.2083	-20.4420	-23.1457	-0.0109	-0.0081	-0.0090	2.50	PASS
				HV	-33.3452	-22.8310	-20.8569	-0.0133	-0.0090	-0.0081	2.50	PASS

Test Band: 7 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	-36.4924	-20.3419	-6.3229	-0.0146	-0.0080	-0.0025	2.50	PASS
				-20.00	-30.4699	-22.5306	-16.9373	-0.0122	-0.0089	-0.0066	2.50	PASS
				-10.00	-33.3881	-18.9829	-21.1144	-0.0133	-0.0075	-0.0082	2.50	PASS
				0.00	-33.4024	-16.6798	-5.9795	-0.0133	-0.0066	-0.0023	2.50	PASS
				10.00	-38.2519	-22.6164	-8.2254	-0.0153	-0.0089	-0.0032	2.50	PASS
				20.00	-24.3473	-11.0578	-27.9093	-0.0097	-0.0044	-0.0109	2.50	PASS
				30.00	-20.7710	-21.0714	-21.1716	-0.0083	-0.0083	-0.0082	2.50	PASS
				40.00	-23.9468	-27.7805	-21.4291	-0.0096	-0.0110	-0.0083	2.50	PASS
				50.00	-20.4992	-15.0776	-17.2949	-0.0082	-0.0059	-0.0067	2.50	PASS
16QAM	25	0	NV	-30.00	-35.3908	-20.0844	-7.2813	-0.0141	-0.0079	-0.0028	2.50	PASS
				-20.00	-33.3881	-24.6620	-28.7962	-0.0133	-0.0097	-0.0112	2.50	PASS
				-10.00	-36.2062	-14.7486	-40.5693	-0.0145	-0.0058	-0.0158	2.50	PASS
				0.00	-15.4638	-18.5680	-30.2553	-0.0062	-0.0073	-0.0118	2.50	PASS
				10.00	-15.9645	-22.0013	-32.3010	-0.0064	-0.0087	-0.0126	2.50	PASS
				20.00	-5.5933	-27.0939	-32.8445	-0.0022	-0.0107	-0.0128	2.50	PASS
				30.00	-11.1008	-26.2928	-30.3698	-0.0044	-0.0104	-0.0118	2.50	PASS
				40.00	-17.5810	-13.9189	-30.1266	-0.0070	-0.0055	-0.0117	2.50	PASS
				50.00	-21.6150	-4.2915	-29.7546	-0.0086	-0.0017	-0.0116	2.50	PASS
64QAM	25	0	NV	-30.00	-23.5748	-19.6695	-26.5932	-0.0094	-0.0078	-0.0104	2.50	PASS
				-20.00	-33.6313	-17.2663	-16.8228	-0.0134	-0.0068	-0.0066	2.50	PASS
				-10.00	-32.2866	-13.9904	-11.7445	-0.0129	-0.0055	-0.0046	2.50	PASS
				0.00	-17.5095	-34.7185	-11.6444	-0.0070	-0.0137	-0.0045	2.50	PASS
				10.00	-27.0796	-47.4930	-11.0722	-0.0108	-0.0187	-0.0043	2.50	PASS
				20.00	-19.8269	-14.3194	-30.4842	-0.0079	-0.0056	-0.0119	2.50	PASS
				30.00	-29.6831	-19.8269	-33.5312	-0.0119	-0.0078	-0.0131	2.50	PASS
				40.00	-31.4283	-22.0871	-22.1872	-0.0126	-0.0087	-0.0086	2.50	PASS
				50.00	-27.6232	-16.0790	-20.5278	-0.0110	-0.0063	-0.0080	2.50	PASS

Test Band: 7_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	-24.5333	-8.1825	-15.5640	-0.0098	-0.0032	-0.0061	2.50	PASS
				NV	-27.1225	-4.4203	6.5088	-0.0108	-0.0017	0.0025	2.50	PASS
				HV	-18.2247	-14.6198	-10.3712	-0.0073	-0.0058	-0.0040	2.50	PASS
16QAM	50	0	NT	LV	3.3903	-7.3671	-9.1982	0.0014	-0.0029	-0.0036	2.50	PASS
				NV	-27.9236	-7.3814	-10.1280	-0.0111	-0.0029	-0.0039	2.50	PASS
				HV	-11.7302	-5.2357	-5.6505	-0.0047	-0.0021	-0.0022	2.50	PASS
64QAM	50	0	NT	LV	-16.1791	-22.6307	-15.8072	-0.0065	-0.0089	-0.0062	2.50	PASS
				NV	-16.0074	-21.2717	-4.1914	-0.0064	-0.0084	-0.0016	2.50	PASS
				HV	-12.8317	-10.2282	-33.0162	-0.0051	-0.0040	-0.0129	2.50	PASS

Test Band: 7 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	-27.9665	-14.6914	0.2146	-0.0112	-0.0058	0.0001	2.50	PASS
				-20.00	-15.5210	-17.0946	-14.3910	-0.0062	-0.0067	-0.0056	2.50	PASS
				-10.00	-15.9931	-14.9202	-3.3331	-0.0064	-0.0059	-0.0013	2.50	PASS
				0.00	-17.4236	-17.4808	-6.4945	-0.0070	-0.0069	-0.0025	2.50	PASS
				10.00	-14.8201	-20.7567	-2.5177	-0.0059	-0.0082	-0.0010	2.50	PASS
				20.00	-8.2254	-30.0407	-32.8588	-0.0033	-0.0119	-0.0128	2.50	PASS
				30.00	-5.5790	-27.2083	-21.8439	-0.0022	-0.0107	-0.0085	2.50	PASS
				40.00	-13.4325	-30.8275	-29.0108	-0.0054	-0.0122	-0.0113	2.50	PASS
				50.00	-28.5387	-8.8549	-29.0823	-0.0114	-0.0035	-0.0113	2.50	PASS
16QAM	50	0	NV	-30.00	-7.5388	-5.6505	-5.4502	-0.0030	-0.0022	-0.0021	2.50	PASS
				-20.00	-7.2384	-8.6403	4.1342	-0.0029	-0.0034	0.0016	2.50	PASS
				-10.00	-8.6832	-2.3603	-22.4590	-0.0035	-0.0009	-0.0088	2.50	PASS
				0.00	-12.6743	-4.9496	-17.7670	-0.0051	-0.0020	-0.0069	2.50	PASS
				10.00	-15.6641	-9.0837	-21.0142	-0.0063	-0.0036	-0.0082	2.50	PASS
				20.00	-17.1804	-1.9884	-16.8943	-0.0069	-0.0008	-0.0066	2.50	PASS
				30.00	-10.7861	-17.0374	-26.0782	-0.0043	-0.0067	-0.0102	2.50	PASS
				40.00	-8.1253	-13.6471	-12.0306	-0.0032	-0.0054	-0.0047	2.50	PASS
				50.00	-28.9679	-33.7028	-21.7438	-0.0116	-0.0133	-0.0085	2.50	PASS
64QAM	50	0	NV	-30.00	-5.9366	-12.5456	-15.0061	-0.0024	-0.0049	-0.0059	2.50	PASS
				-20.00	-16.3650	-12.4741	-11.6873	-0.0065	-0.0049	-0.0046	2.50	PASS
				-10.00	-12.2452	-23.5748	-22.4304	-0.0049	-0.0093	-0.0087	2.50	PASS
				0.00	-8.2684	-20.8139	-16.3794	-0.0033	-0.0082	-0.0064	2.50	PASS
				10.00	-20.5421	-23.1314	-14.0619	-0.0082	-0.0091	-0.0055	2.50	PASS
				20.00	-20.2131	-13.9046	-19.6123	-0.0081	-0.0055	-0.0076	2.50	PASS
				30.00	-19.0544	-10.6001	-24.3044	-0.0076	-0.0042	-0.0095	2.50	PASS
				40.00	-24.2186	-17.6239	-14.9059	-0.0097	-0.0070	-0.0058	2.50	PASS
				50.00	-13.2608	-13.3753	-13.3467	-0.0053	-0.0053	-0.0052	2.50	PASS

Test Band: 7 15MHz 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	75	0	NT	LV	-18.6253	-22.0871	-23.0026	-0.0074	-0.0087	-0.0090	2.50	PASS
				NV	-22.4733	-25.7492	-12.1307	-0.0090	-0.0102	-0.0047	2.50	PASS
				HV	-13.8044	-14.0762	-4.3631	-0.0055	-0.0056	-0.0017	2.50	PASS
16QAM	75	0	NT	LV	-14.1334	1.8740	3.6907	-0.0056	0.0007	0.0014	2.50	PASS
				NV	-7.2098	1.4734	-9.2411	-0.0029	0.0006	-0.0036	2.50	PASS
				HV	-6.3086	-15.0204	-2.9325	-0.0025	-0.0059	-0.0011	2.50	PASS
64QAM	75	0	NT	LV	-23.6607	-4.7636	-3.4332	-0.0094	-0.0019	-0.0013	2.50	PASS
				NV	-20.0415	-15.8644	1.6308	-0.0080	-0.0063	0.0006	2.50	PASS

				HV	-10.6001	-10.7431	-2.2602	-0.0042	-0.0042	-0.0009	2.50	PASS
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Test Band: 7_ 15MHz 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	75	0	NV	-30.00	-21.4863	-8.5545	-17.4522	-0.0086	-0.0034	-0.0068	2.50	PASS
				-20.00	-26.1927	-6.1369	-16.5796	-0.0104	-0.0024	-0.0065	2.50	PASS
				-10.00	-10.5429	-10.6430	-14.9918	-0.0042	-0.0042	-0.0059	2.50	PASS
				0.00	-18.1103	-8.5258	-11.6730	-0.0072	-0.0034	-0.0046	2.50	PASS
				10.00	-6.2942	-15.5926	-13.8044	-0.0025	-0.0062	-0.0054	2.50	PASS
				20.00	-5.8365	1.2445	-13.9904	-0.0023	0.0005	-0.0055	2.50	PASS
				30.00	-0.7439	-13.1607	-17.8528	-0.0003	-0.0052	-0.0070	2.50	PASS
				40.00	-8.5831	-5.7077	-16.3794	-0.0034	-0.0023	-0.0064	2.50	PASS
				50.00	-2.4605	-12.9747	-16.2077	-0.0010	-0.0051	-0.0063	2.50	PASS
16QAM	75	0	NV	-30.00	1.5020	-17.3807	-6.3801	0.0006	-0.0069	-0.0025	2.50	PASS
				-20.00	-11.3726	-17.4808	-10.5000	-0.0045	-0.0069	-0.0041	2.50	PASS
				-10.00	-14.1764	-26.6933	-0.4148	-0.0057	-0.0105	-0.0002	2.50	PASS
				0.00	-9.1410	-21.5721	-12.4025	-0.0036	-0.0085	-0.0048	2.50	PASS
				10.00	-5.1785	-21.0571	-19.2690	-0.0021	-0.0083	-0.0075	2.50	PASS
				20.00	-9.0694	-10.9863	-13.8330	-0.0036	-0.0043	-0.0054	2.50	PASS
				30.00	-7.6532	-14.1764	-11.2867	-0.0031	-0.0056	-0.0044	2.50	PASS
				40.00	-7.7248	-11.2438	-12.2309	-0.0031	-0.0044	-0.0048	2.50	PASS
				50.00	-9.1124	-8.3828	-21.1144	-0.0036	-0.0033	-0.0082	2.50	PASS
64QAM	75	0	NV	-30.00	-22.2301	-9.7847	-10.6430	-0.0089	-0.0039	-0.0042	2.50	PASS
				-20.00	-28.9965	-10.3426	-29.7403	-0.0116	-0.0041	-0.0116	2.50	PASS
				-10.00	-26.0925	-14.5626	-24.7621	-0.0104	-0.0057	-0.0097	2.50	PASS
				0.00	-24.2758	-16.3650	-19.6409	-0.0097	-0.0065	-0.0077	2.50	PASS
				10.00	-20.7567	-8.4972	-22.5735	-0.0083	-0.0034	-0.0088	2.50	PASS
				20.00	-25.9781	-8.5974	-19.4693	-0.0104	-0.0034	-0.0076	2.50	PASS
				30.00	-3.1185	-16.5796	-9.3412	-0.0012	-0.0065	-0.0036	2.50	PASS
				40.00	-6.5947	-25.1484	-16.7370	-0.0026	-0.0099	-0.0065	2.50	PASS
				50.00	0.3433	-23.2458	-24.2186	0.0001	-0.0092	-0.0095	2.50	PASS

Test Band: 7_ 20MHz 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	100	0	NT	LV	7.5531	-29.1109	-20.8712	0.0030	-0.0115	-0.0082	2.50	PASS
				NV	-20.9999	-21.8439	-19.4550	-0.0084	-0.0086	-0.0076	2.50	PASS
				HV	-33.2451	-1.4162	-23.6607	-0.0132	-0.0006	-0.0092	2.50	PASS
16QAM	100	0	NT	LV	-7.2813	-20.1416	-8.4686	-0.0029	-0.0079	-0.0033	2.50	PASS
				NV	-3.1900	-19.1259	-10.5572	-0.0013	-0.0075	-0.0041	2.50	PASS
				HV	-16.7942	-17.9386	-11.7588	-0.0067	-0.0071	-0.0046	2.50	PASS
64QAM	100	0	NT	LV	-18.3392	-12.8031	-19.4264	-0.0073	-0.0051	-0.0076	2.50	PASS
				NV	-21.9727	-17.7097	-6.9380	-0.0088	-0.0070	-0.0027	2.50	PASS
				HV	-22.6164	-13.1178	-2.5320	-0.0090	-0.0052	-0.0010	2.50	PASS

Test Band: 7_ 20MHz 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	100	0	NV	-30.00	-25.2056	-5.4932	-15.3065	-0.0100	-0.0022	-0.0060	2.50	PASS
				-20.00	-25.0769	-25.6920	-0.9871	-0.0100	-0.0101	-0.0004	2.50	PASS
				-10.00	-12.8460	-13.6900	-25.5632	-0.0051	-0.0054	-0.0100	2.50	PASS
				0.00	-25.3058	-2.5177	-17.6239	-0.0101	-0.0010	-0.0069	2.50	PASS

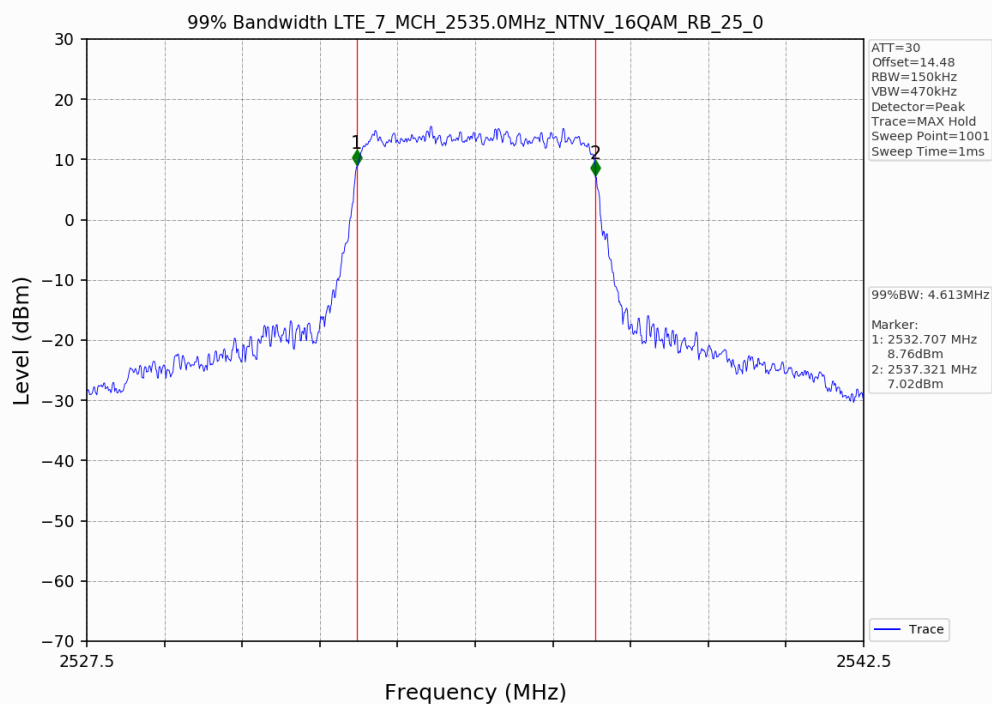
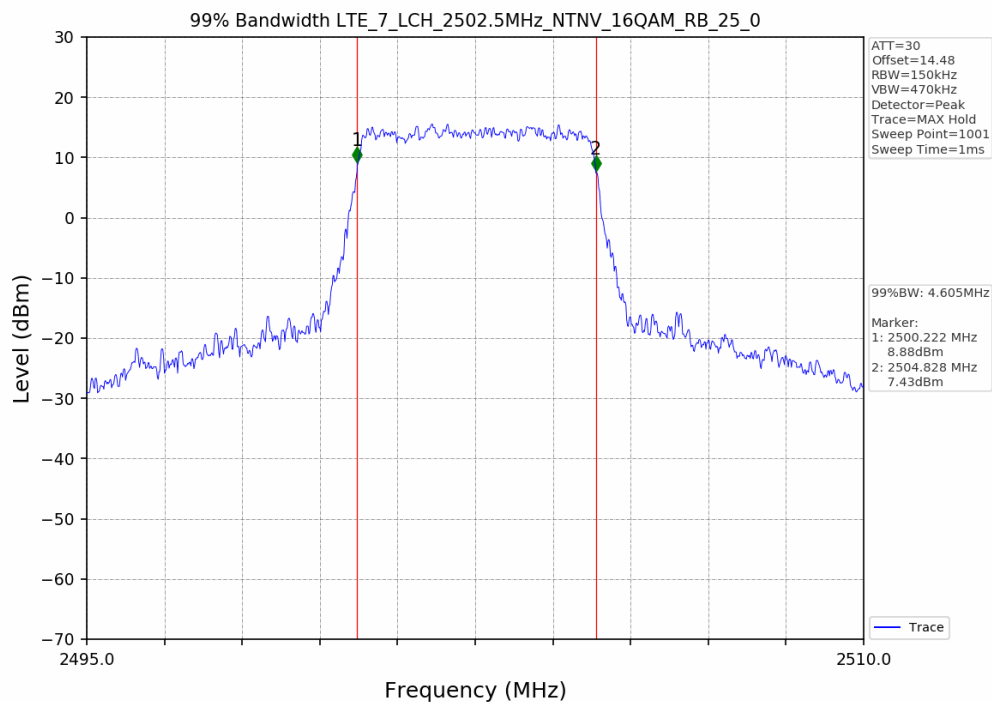
				10.00	-28.3098	-14.2050	-10.5286	-0.0113	-0.0056	-0.0041	2.50	PASS
				20.00	-30.5271	-5.3215	-7.9823	-0.0122	-0.0021	-0.0031	2.50	PASS
				30.00	-28.2812	-3.8481	-9.5987	-0.0113	-0.0015	-0.0037	2.50	PASS
				40.00	-27.2083	-12.8889	-4.4060	-0.0108	-0.0051	-0.0017	2.50	PASS
				50.00	-31.4570	-8.7118	-2.4176	-0.0125	-0.0034	-0.0009	2.50	PASS
16QAM	100	0	NV	-30.00	-24.3473	-8.7261	-9.1839	-0.0097	-0.0034	-0.0036	2.50	PASS
				-20.00	-6.0511	-19.7697	-18.7540	-0.0024	-0.0078	-0.0073	2.50	PASS
				-10.00	-0.0143	-20.5135	-3.0470	0.0000	-0.0081	-0.0012	2.50	PASS
				0.00	-4.7207	-22.5162	1.3447	-0.0019	-0.0089	0.0005	2.50	PASS
				10.00	-0.5293	-8.6975	-12.5742	-0.0002	-0.0034	-0.0049	2.50	PASS
				20.00	-26.0639	-21.9870	-24.9338	-0.0104	-0.0087	-0.0097	2.50	PASS
				30.00	-13.3038	-14.9202	-24.2615	-0.0053	-0.0059	-0.0095	2.50	PASS
				40.00	-3.8624	-18.2533	-30.7417	-0.0015	-0.0072	-0.0120	2.50	PASS
64QAM	100	0	NV	50.00	-2.5320	-17.4093	-22.9883	-0.0010	-0.0069	-0.0090	2.50	PASS
				-30.00	-12.2309	-21.9440	-21.0714	-0.0049	-0.0087	-0.0082	2.50	PASS
				-20.00	-23.8323	-5.6076	-22.1872	-0.0095	-0.0022	-0.0087	2.50	PASS
				-10.00	-25.5776	-6.4945	-25.7492	-0.0102	-0.0026	-0.0101	2.50	PASS
				0.00	-16.1362	-15.6498	-19.5265	-0.0064	-0.0062	-0.0076	2.50	PASS
				10.00	-17.8528	-14.0762	-21.1430	-0.0071	-0.0056	-0.0083	2.50	PASS
				20.00	-24.2329	-21.5149	-14.3194	-0.0097	-0.0085	-0.0056	2.50	PASS
				30.00	-23.0885	-21.3432	-14.4339	-0.0092	-0.0084	-0.0056	2.50	PASS
				40.00	-23.4032	-24.7335	-13.2465	-0.0093	-0.0098	-0.0052	2.50	PASS
				50.00	-27.5087	-12.7602	-5.9223	-0.0110	-0.0050	-0.0023	2.50	PASS

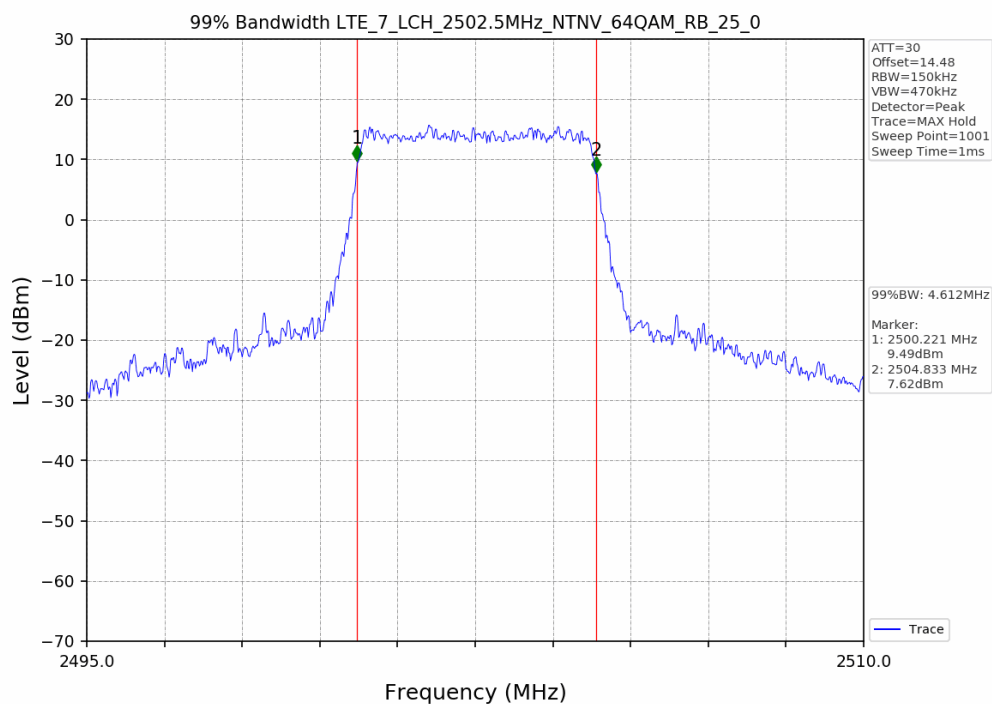
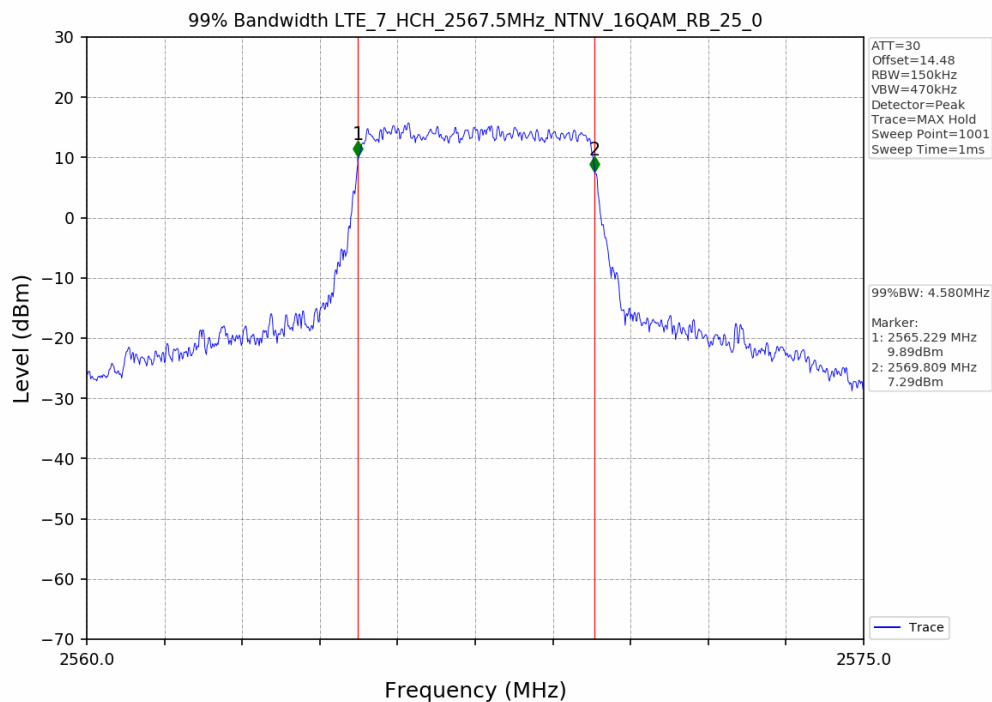
3. 99% & 26dB Bandwidth

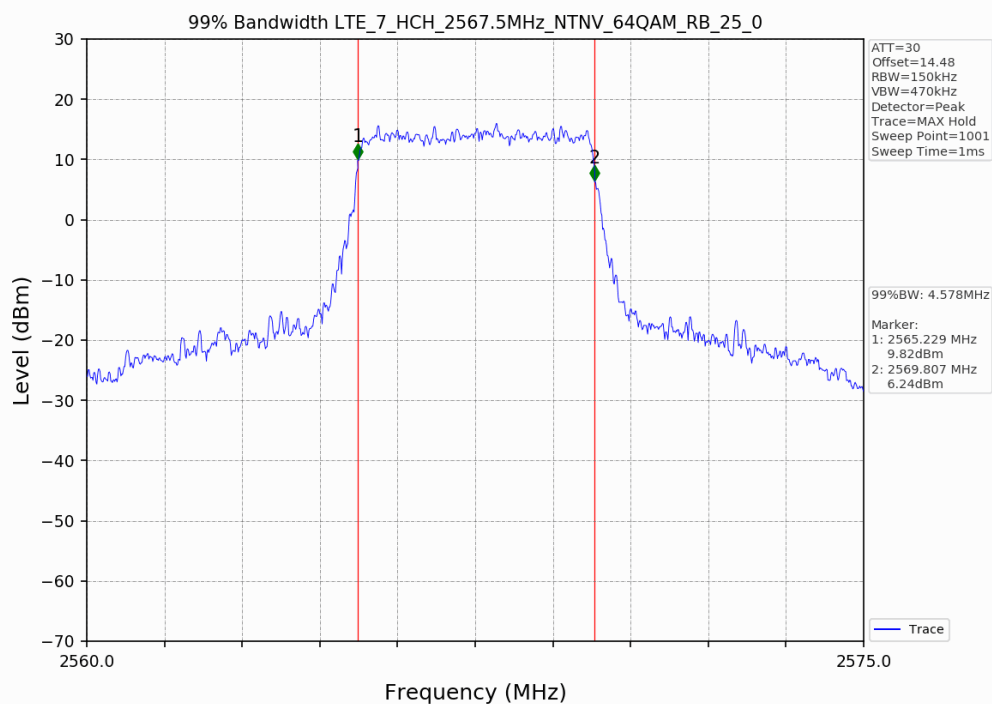
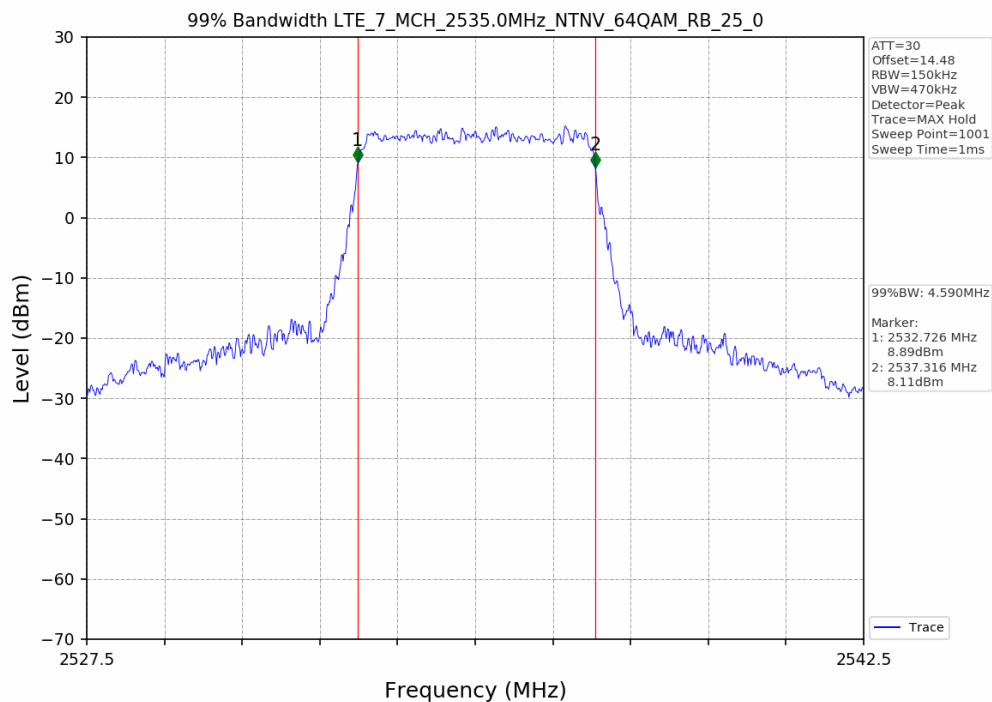
3.1 Test Result

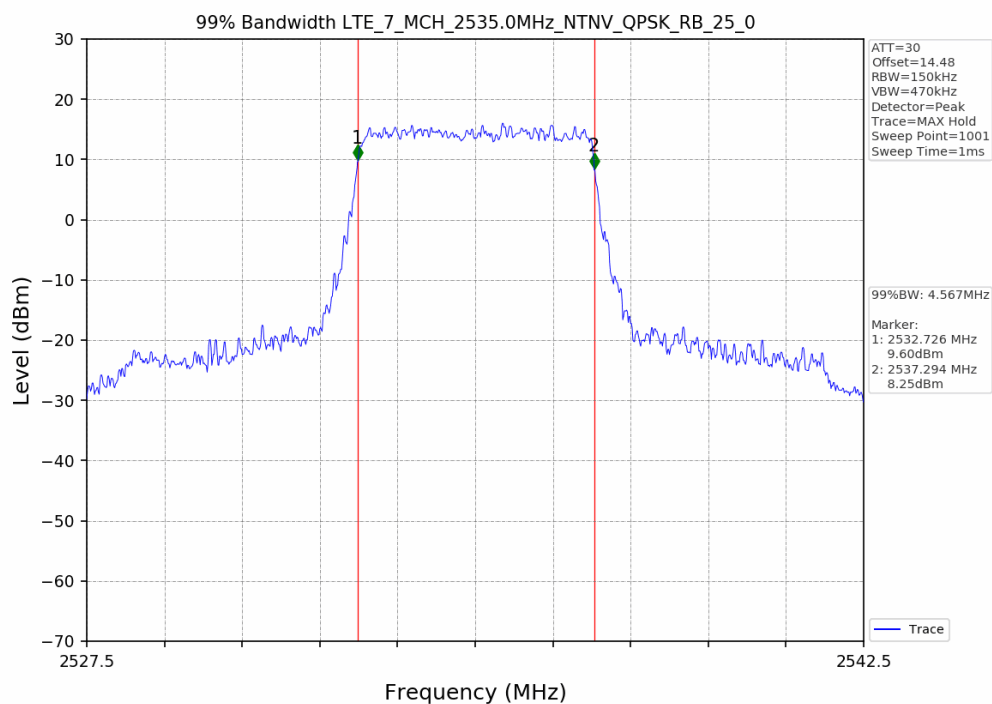
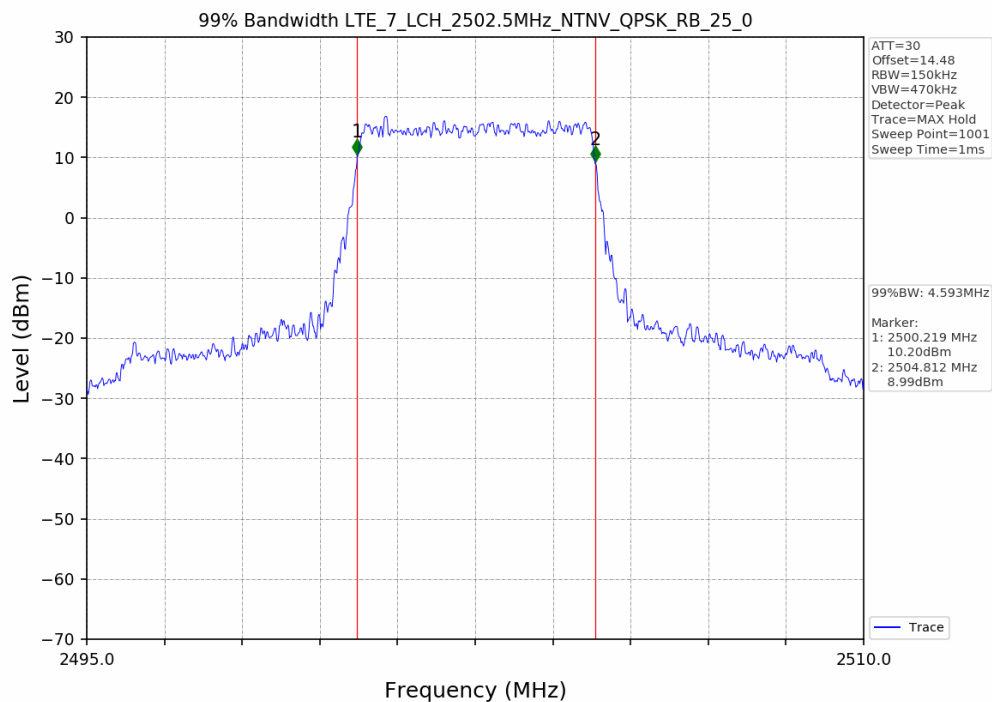
Test Band: 7 5MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.593	4.567	4.619	N/A	PASS
16QAM	25	0	4.605	4.613	4.580	N/A	PASS
64QAM	25	0	4.612	4.590	4.578	N/A	PASS

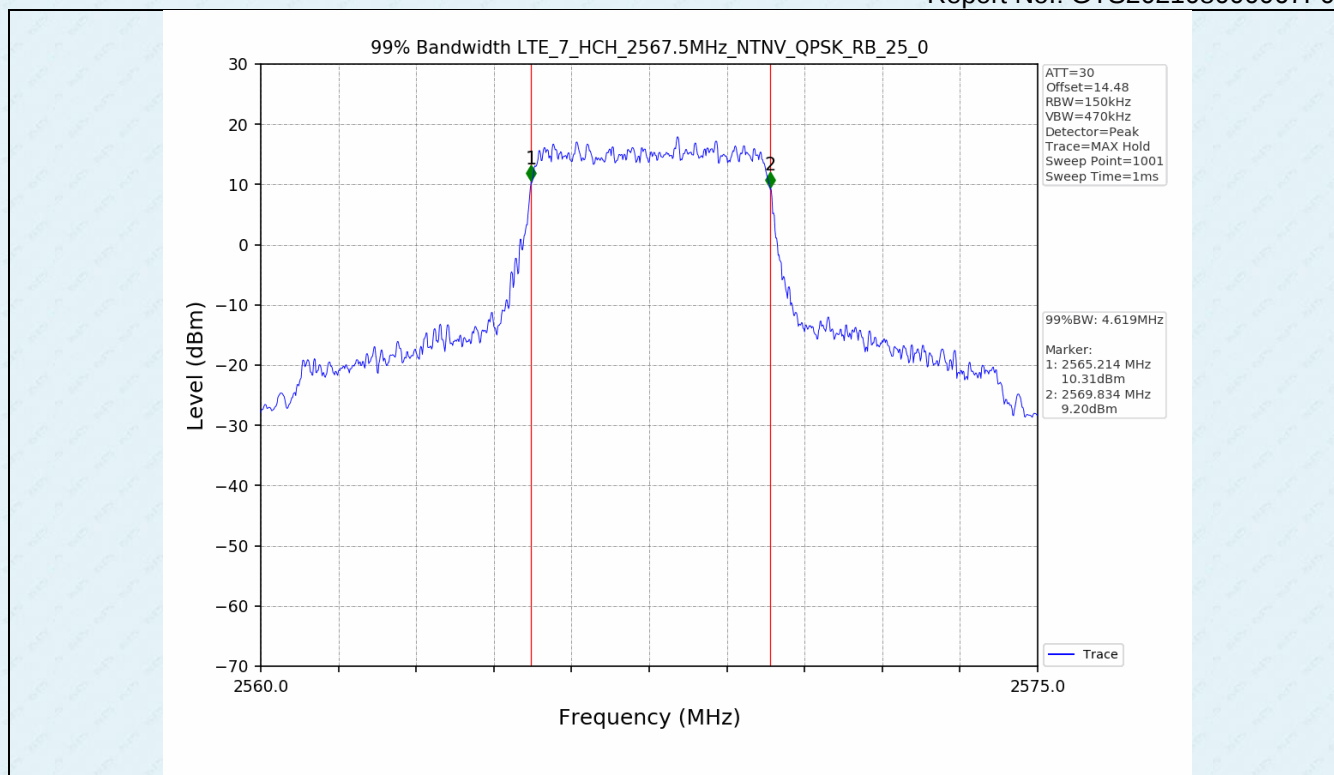
3.2 Test Graph





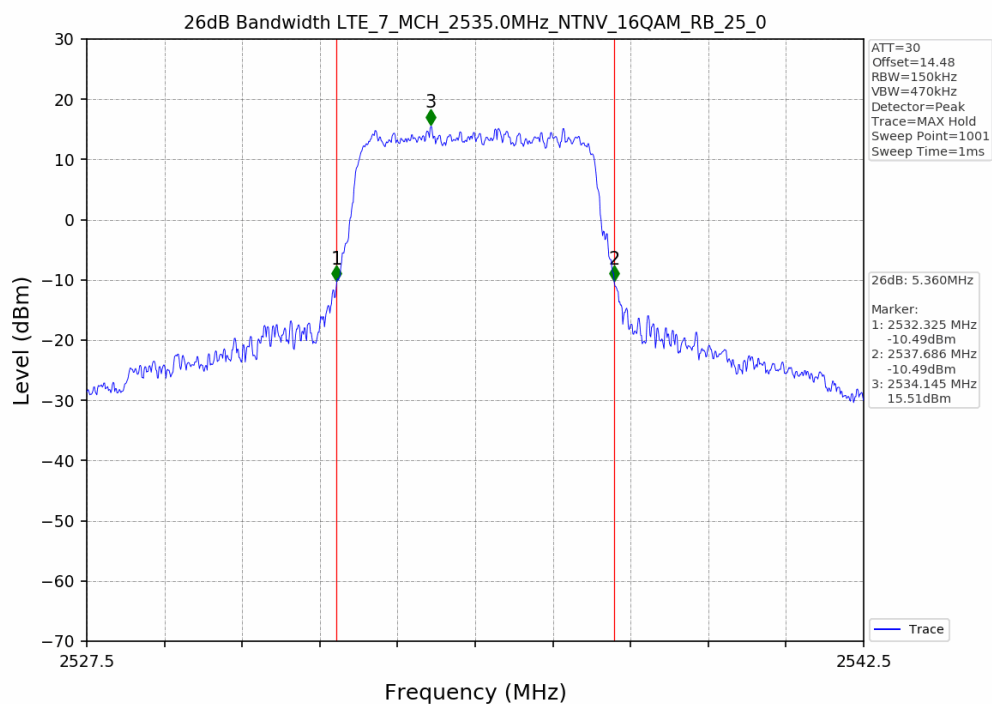
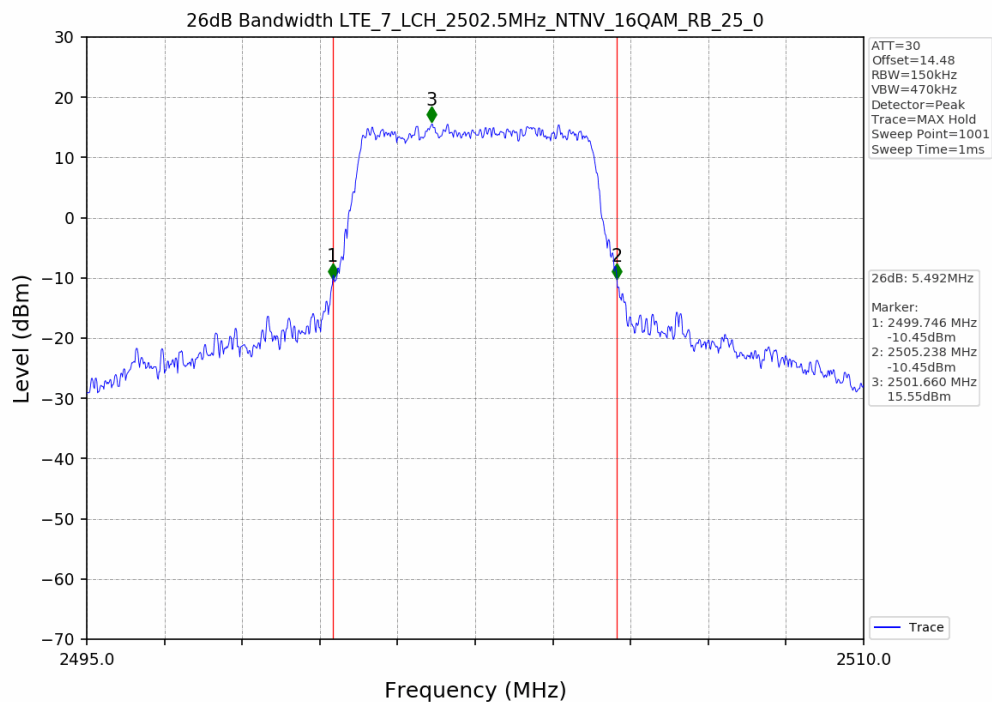


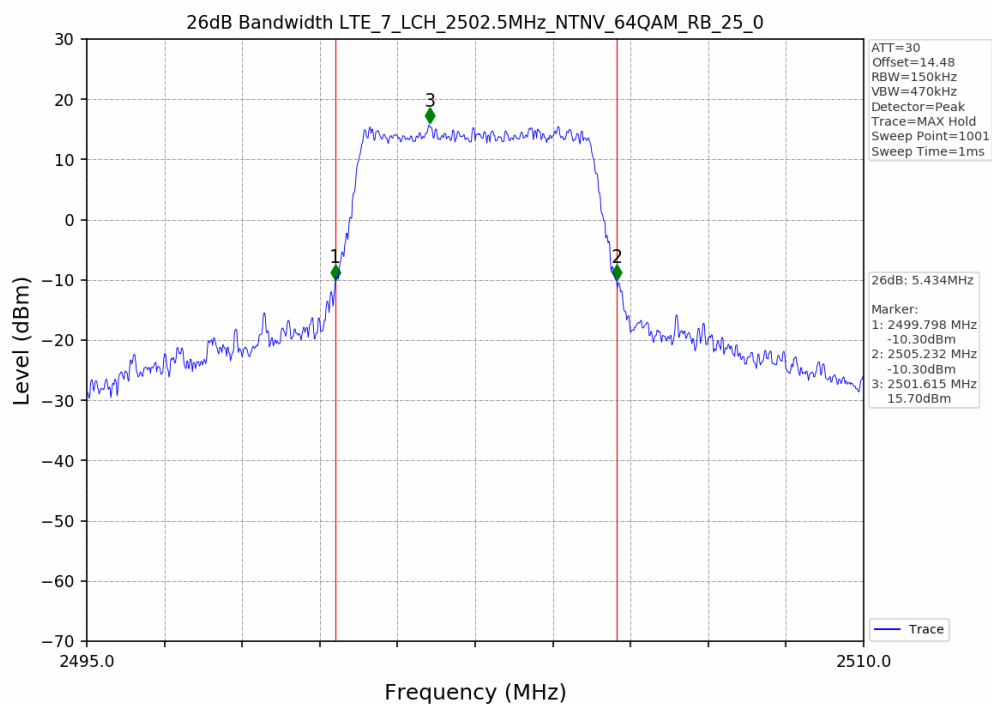
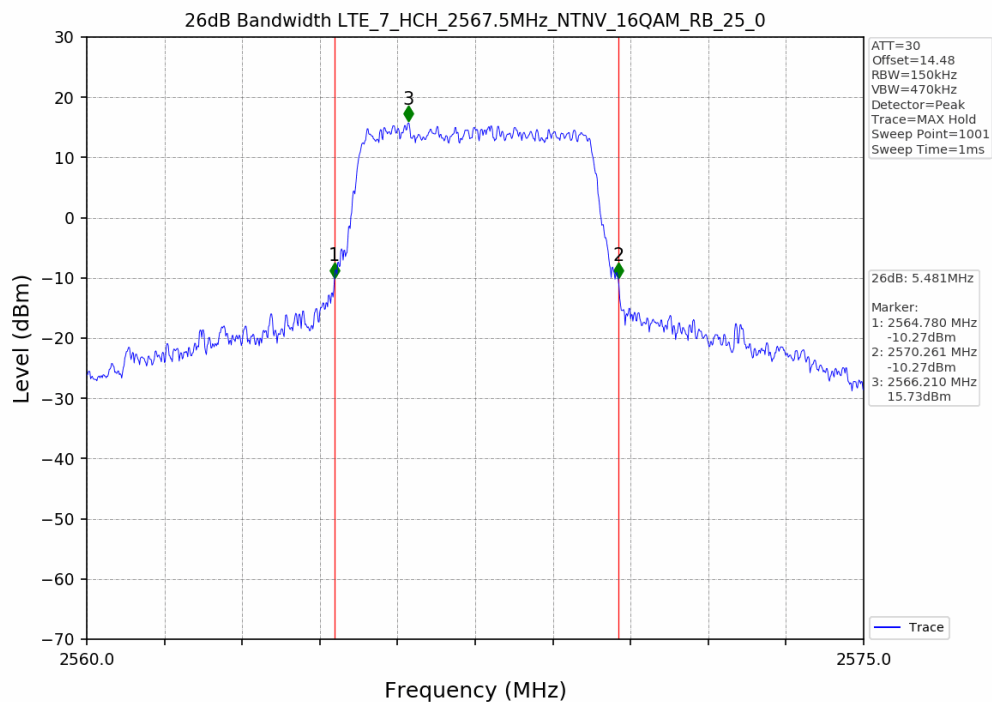


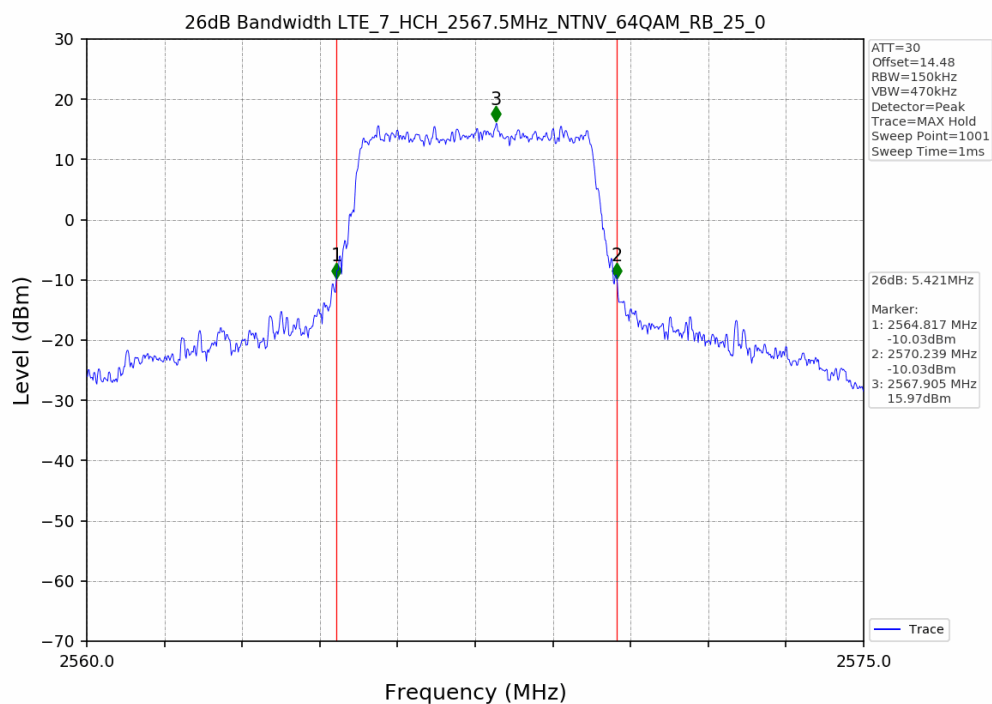
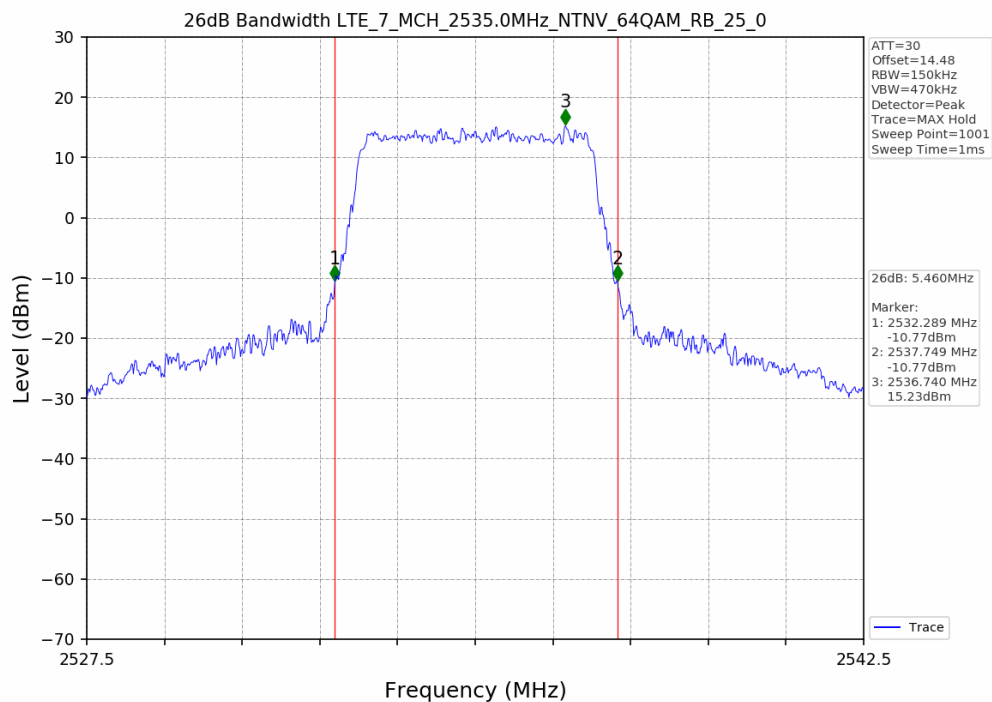


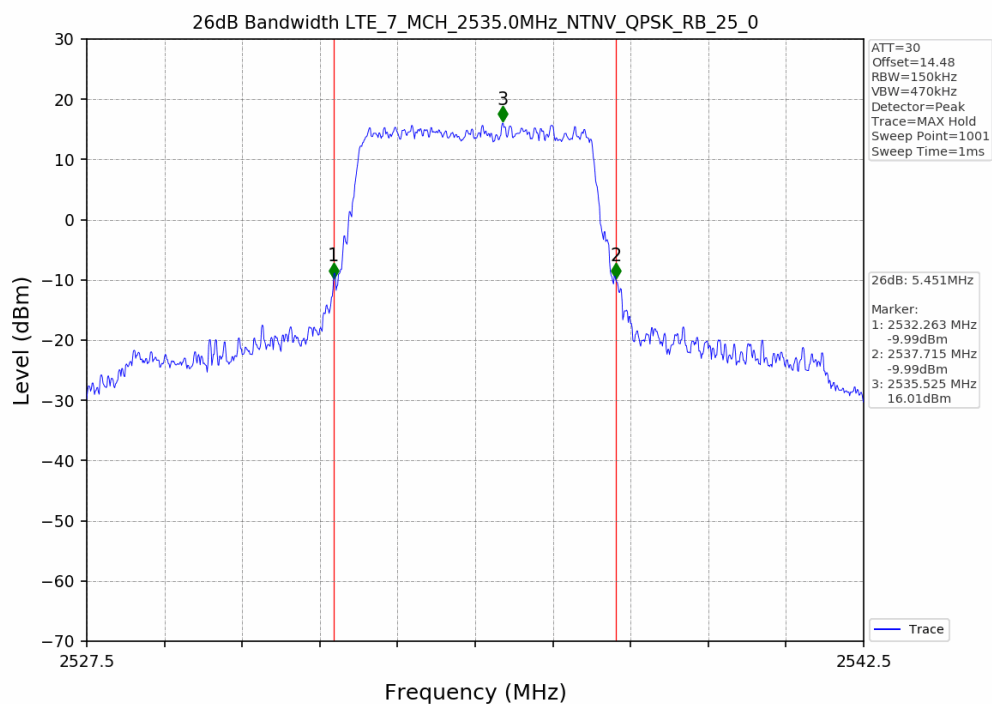
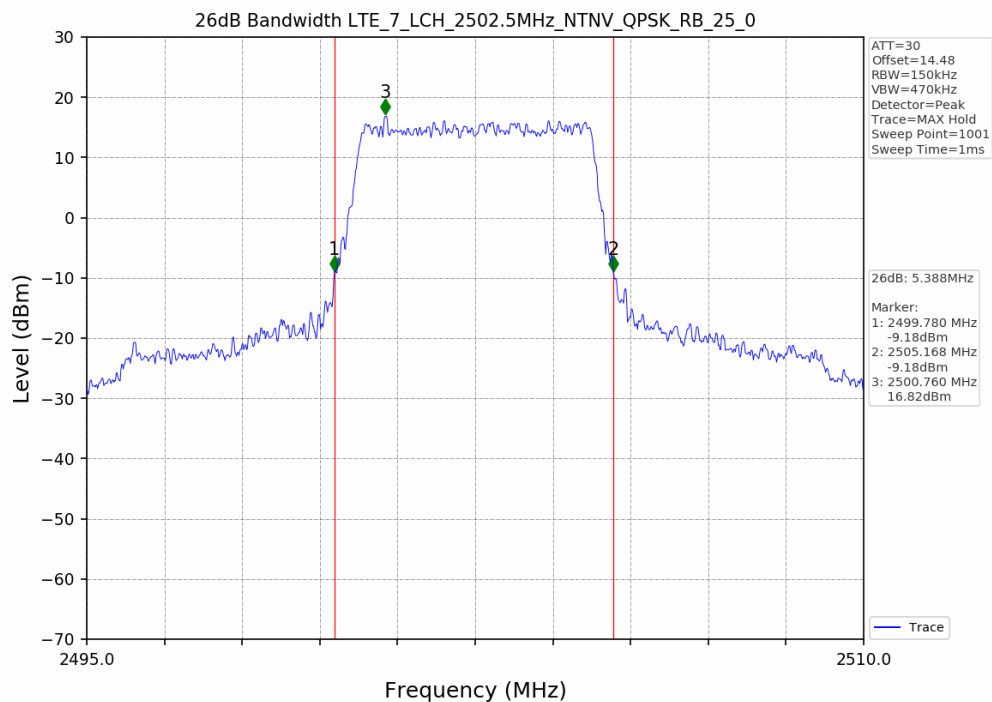
Test Band: 7_5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.388	5.451	5.411	N/A	PASS
16QAM	25	0	5.492	5.360	5.481	N/A	PASS
64QAM	25	0	5.434	5.460	5.421	N/A	PASS

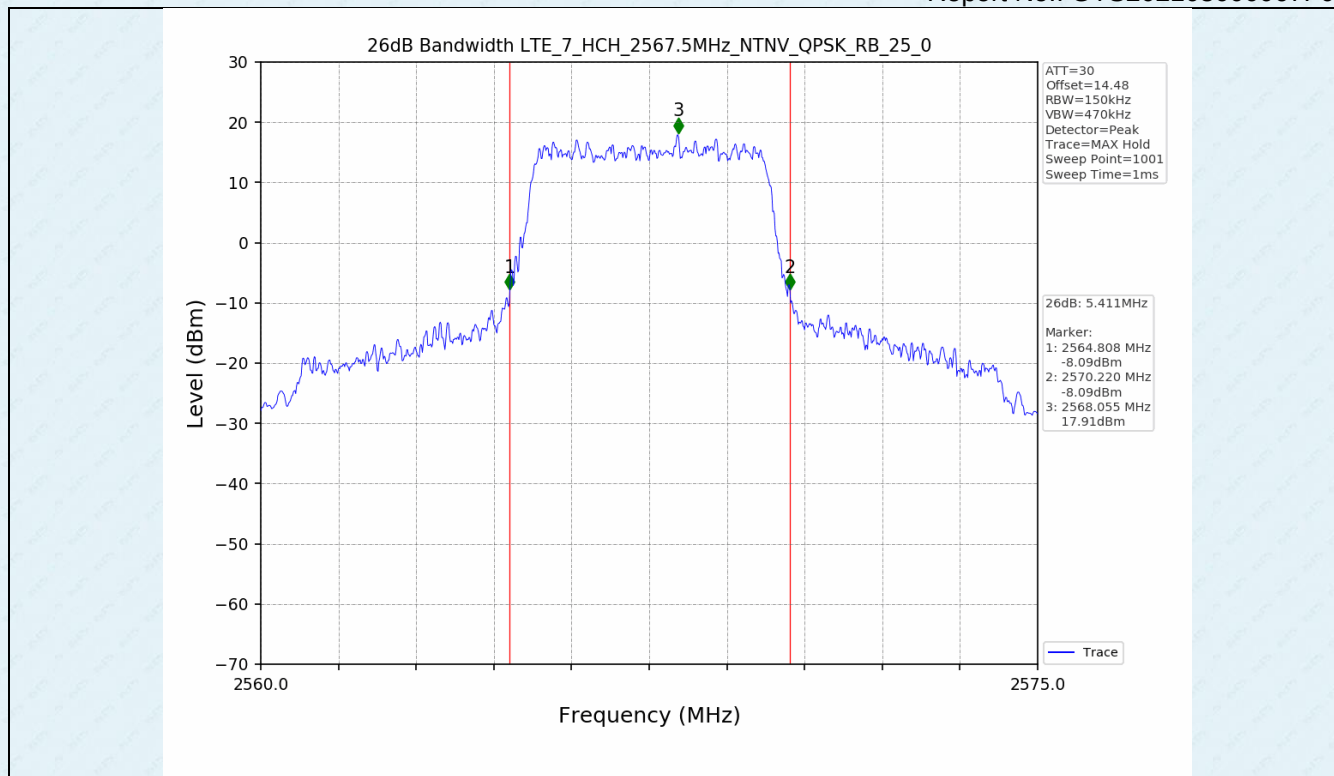
3.2 Test Graph





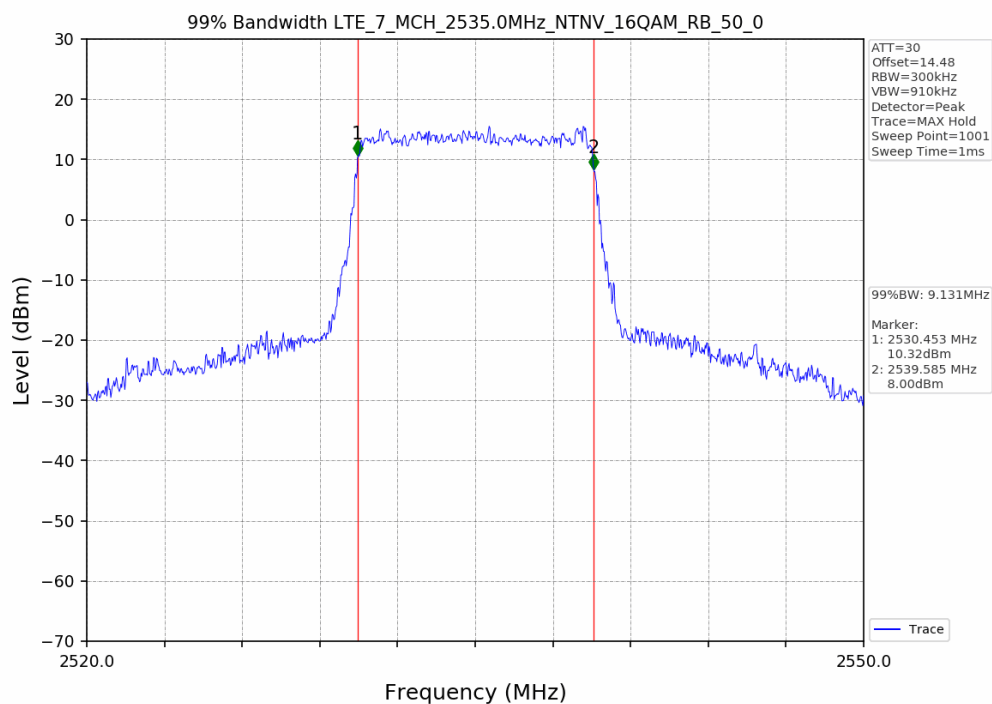
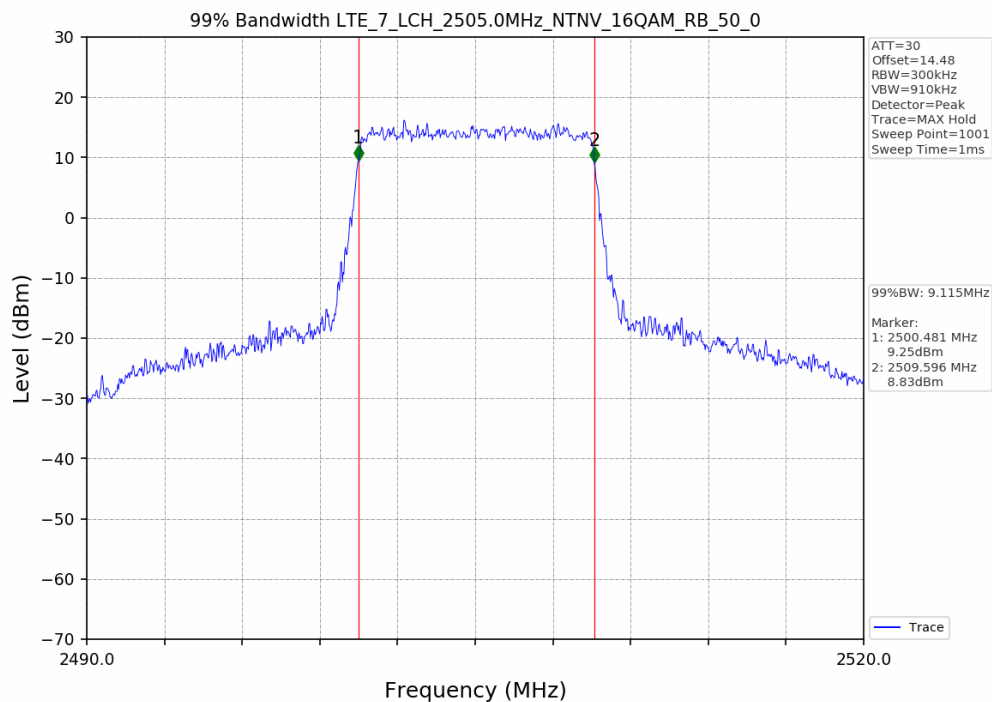


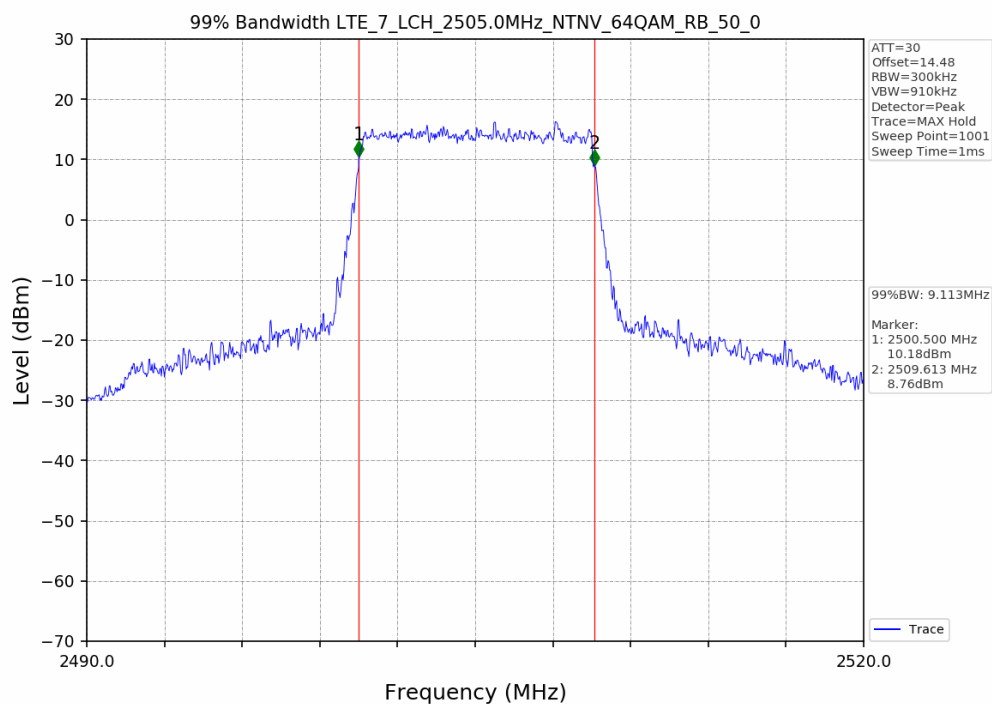
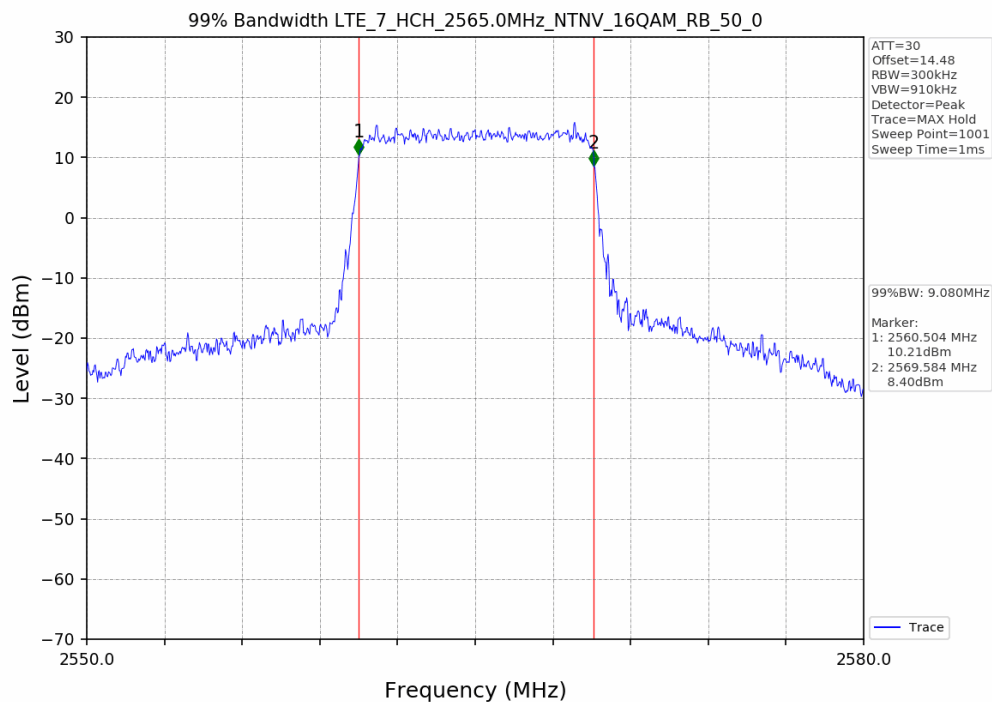


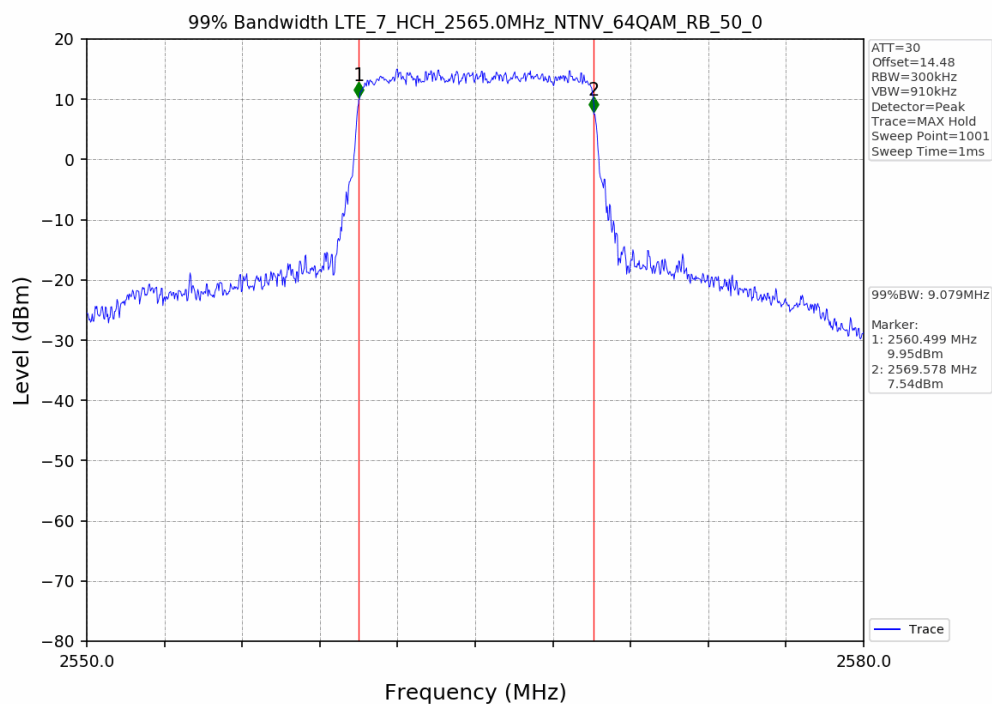
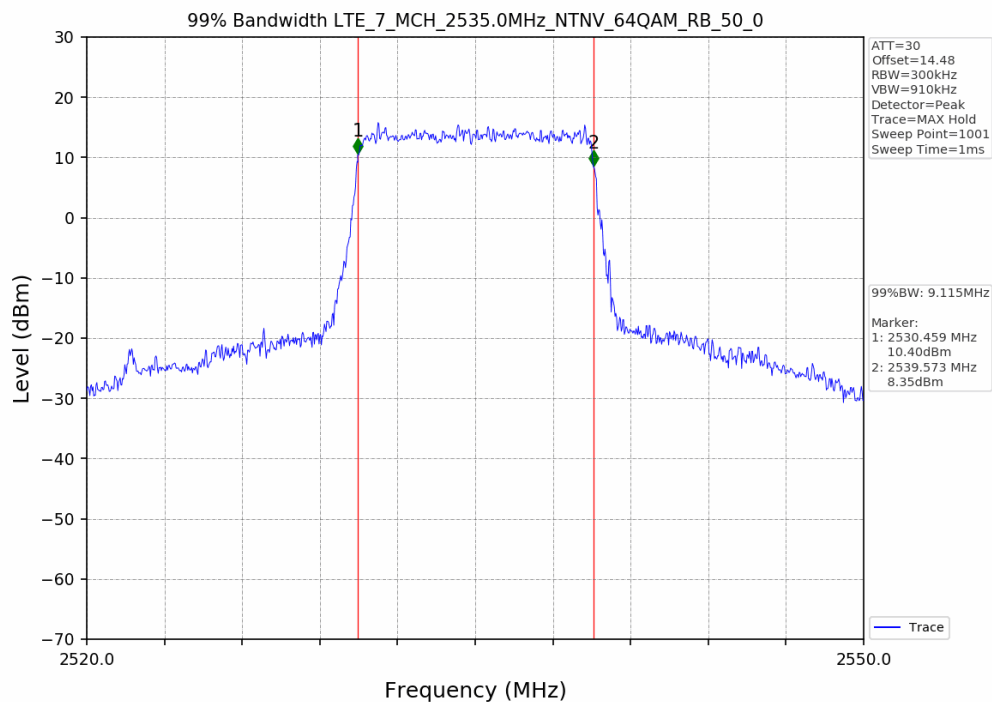


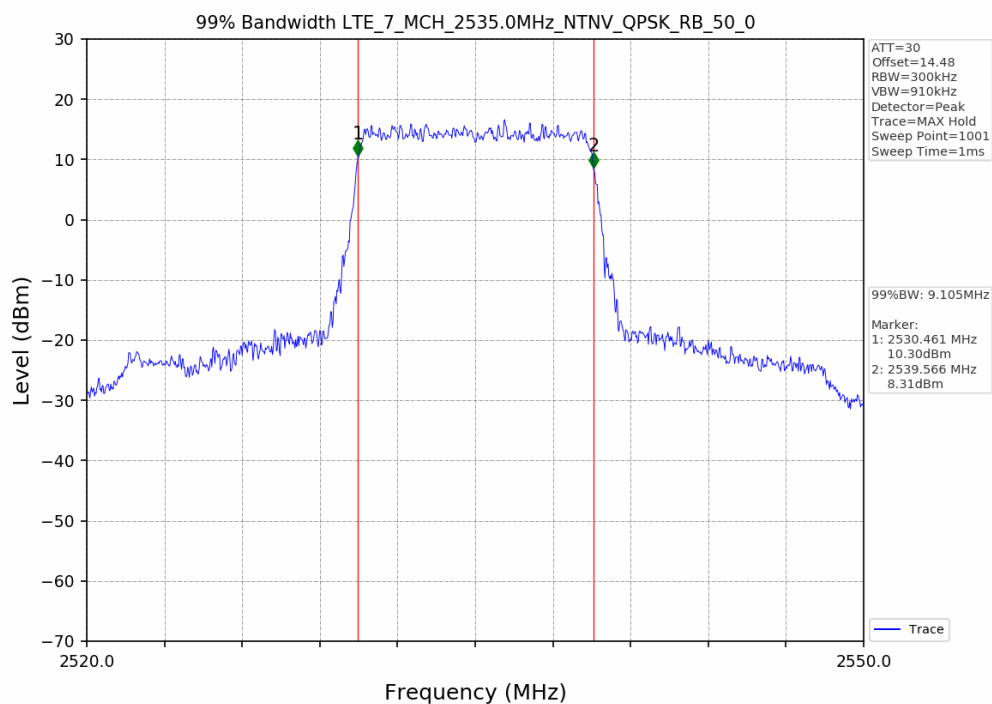
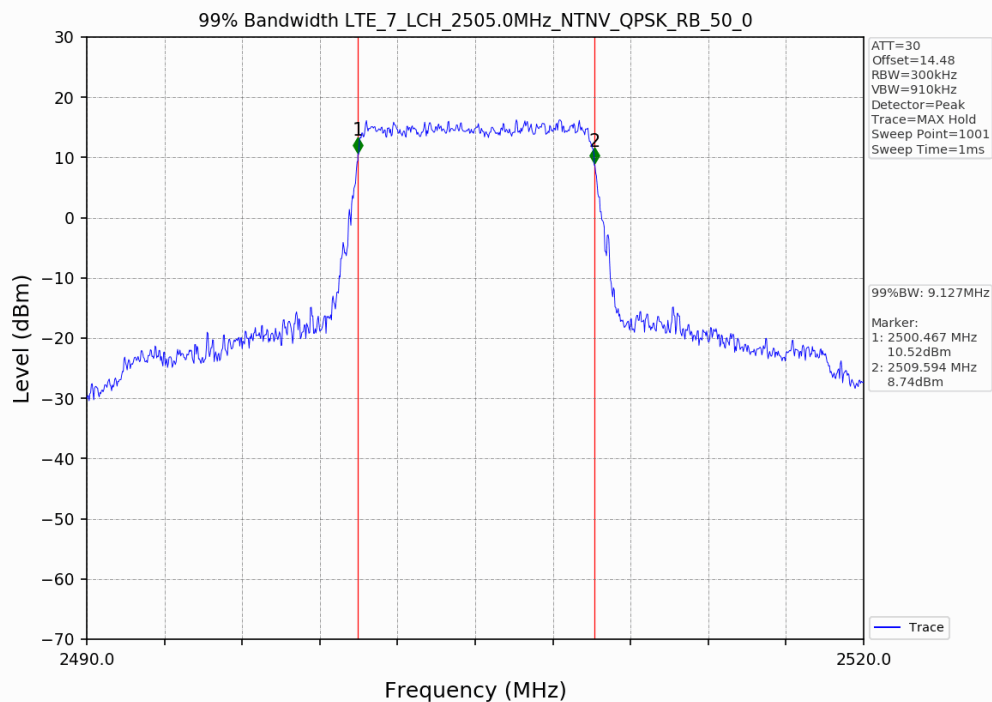
Test Band: 7_10MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.127	9.105	9.099	N/A	PASS
16QAM	50	0	9.115	9.131	9.080	N/A	PASS
64QAM	50	0	9.113	9.115	9.079	N/A	PASS

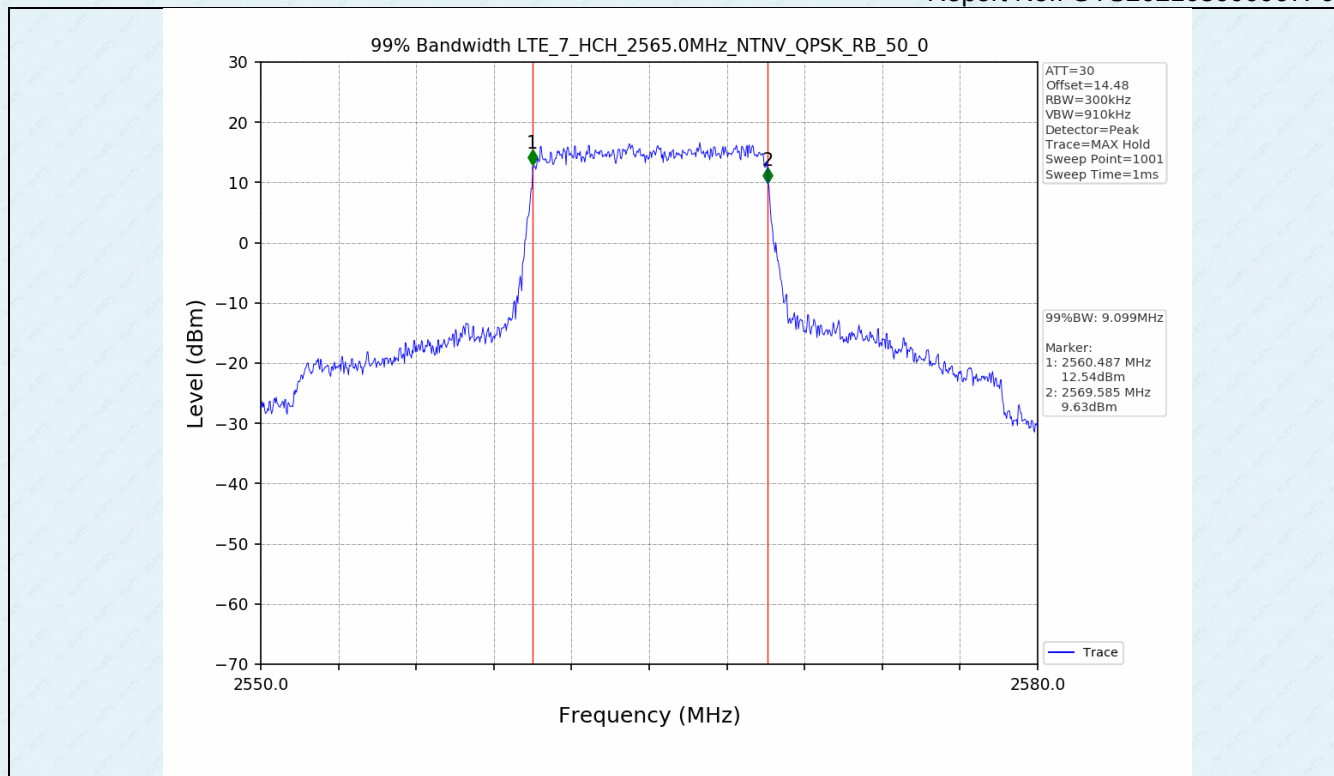
3.2 Test Graph





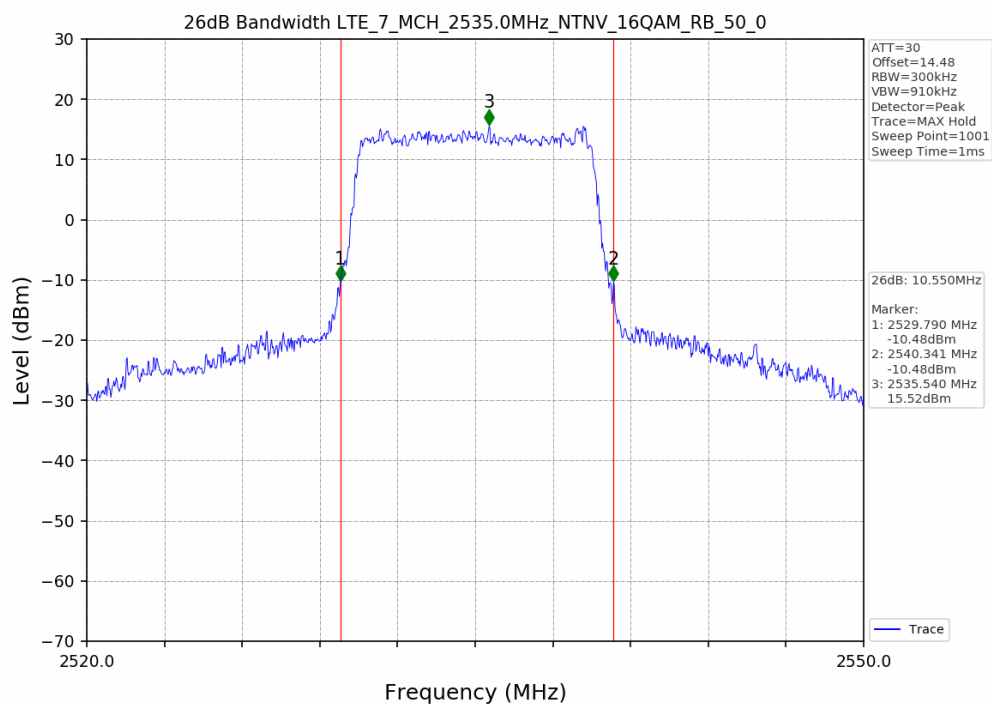
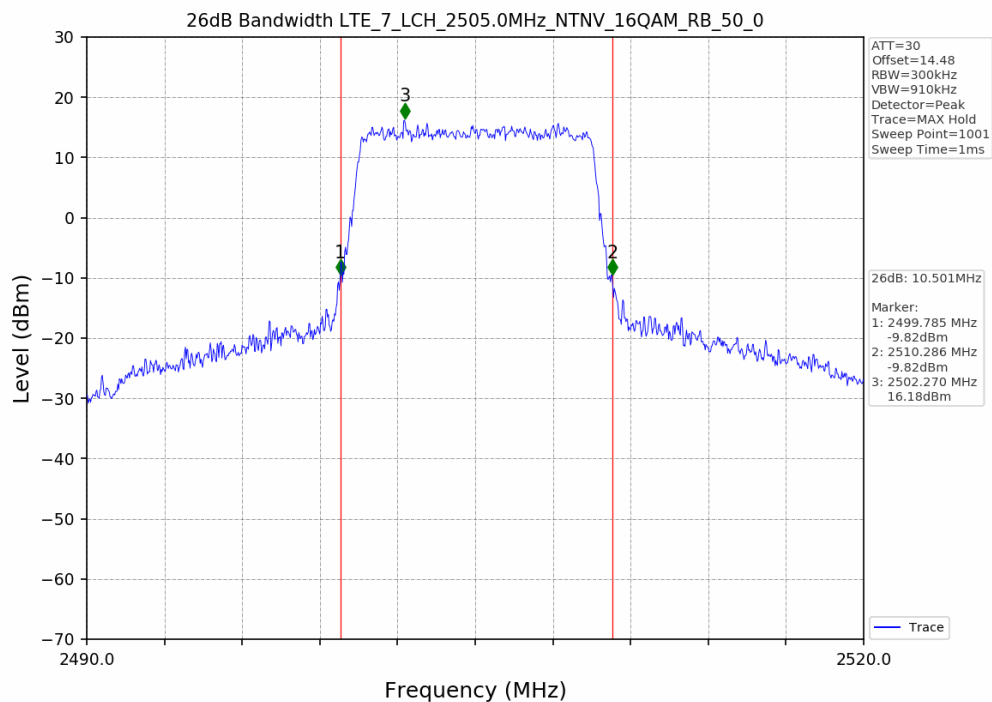


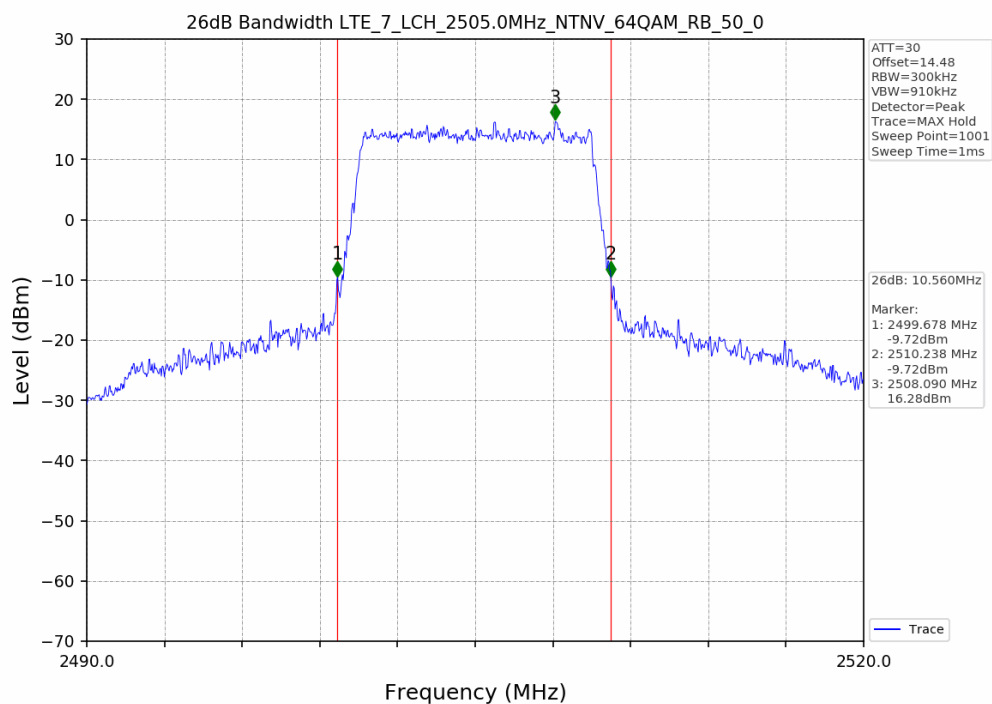
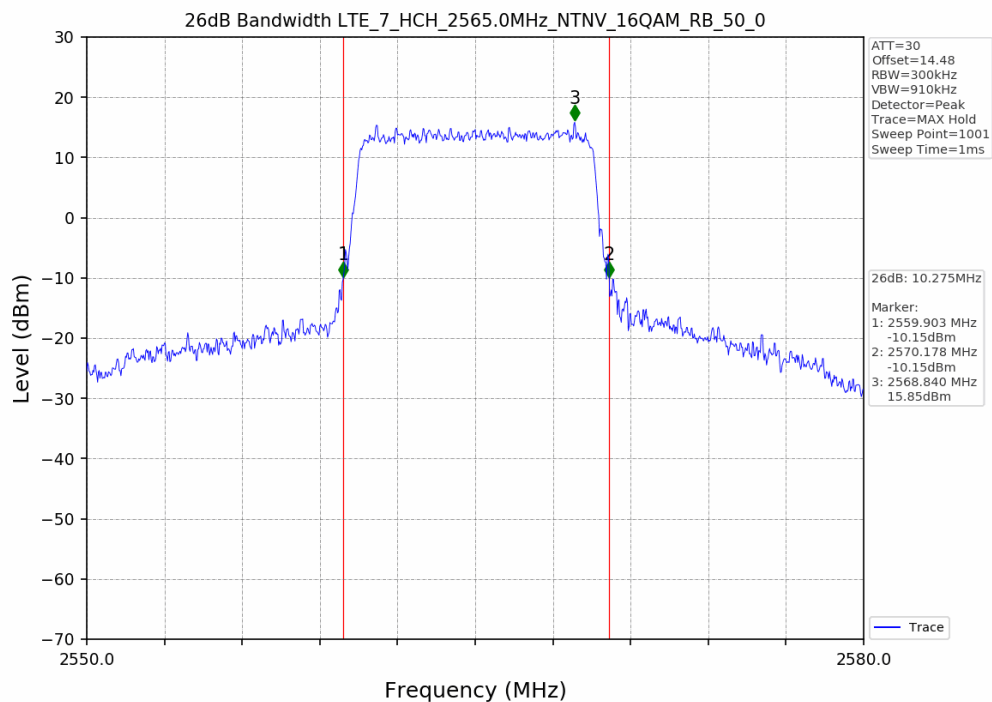


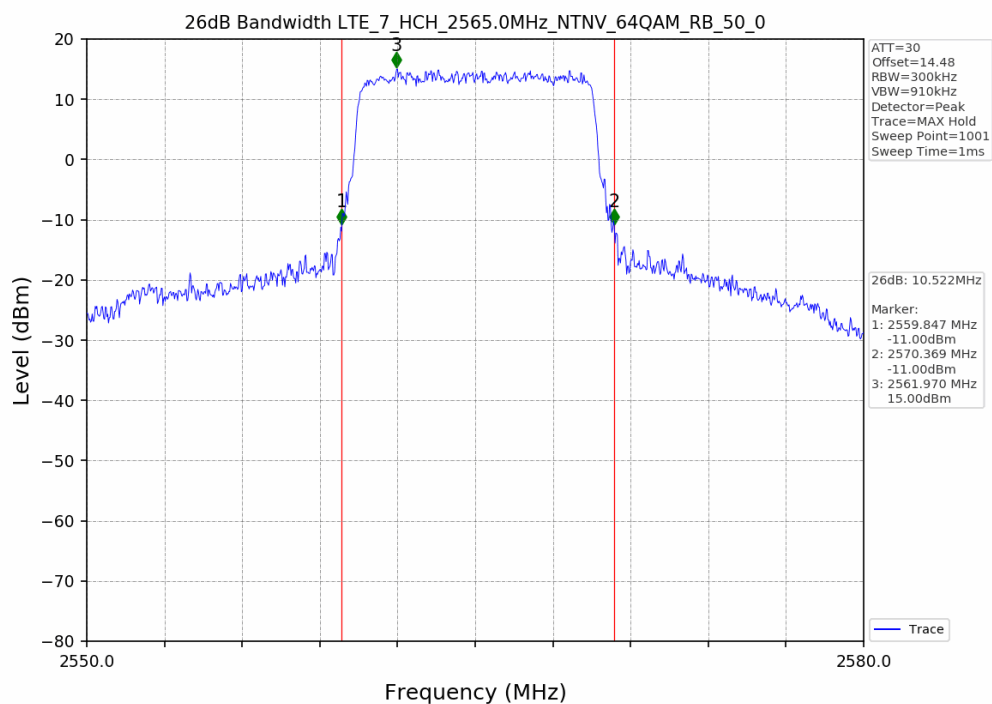
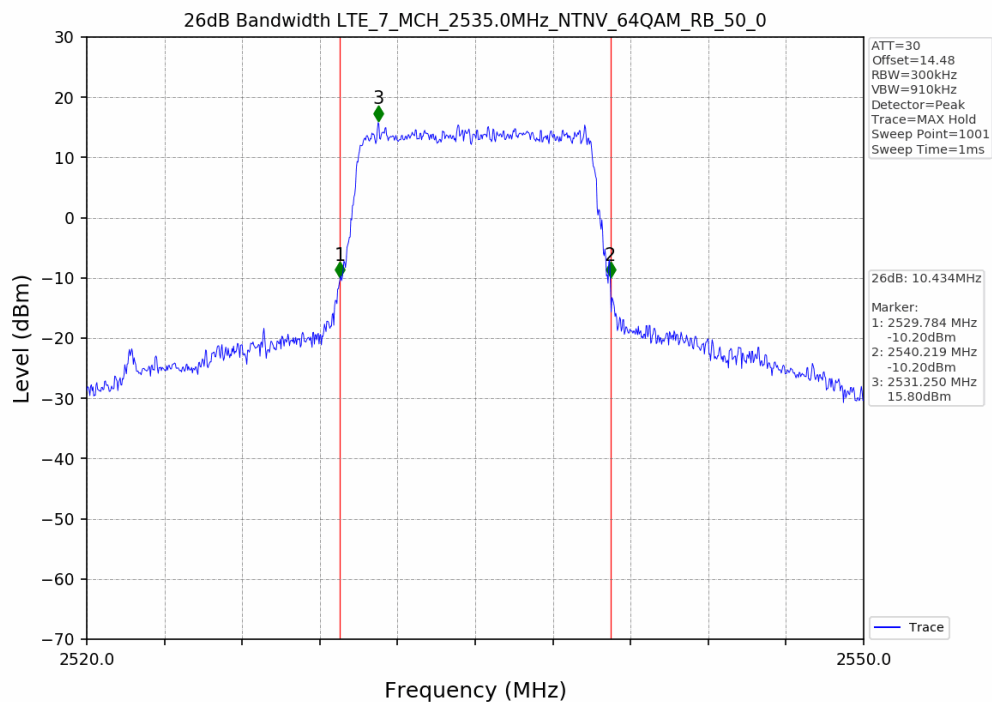


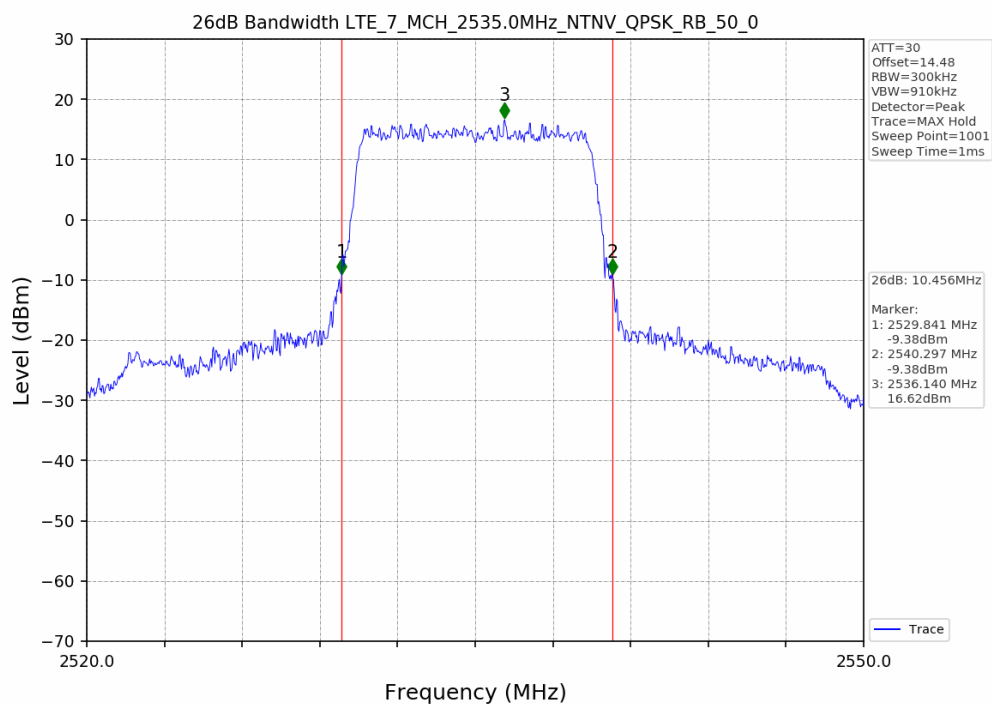
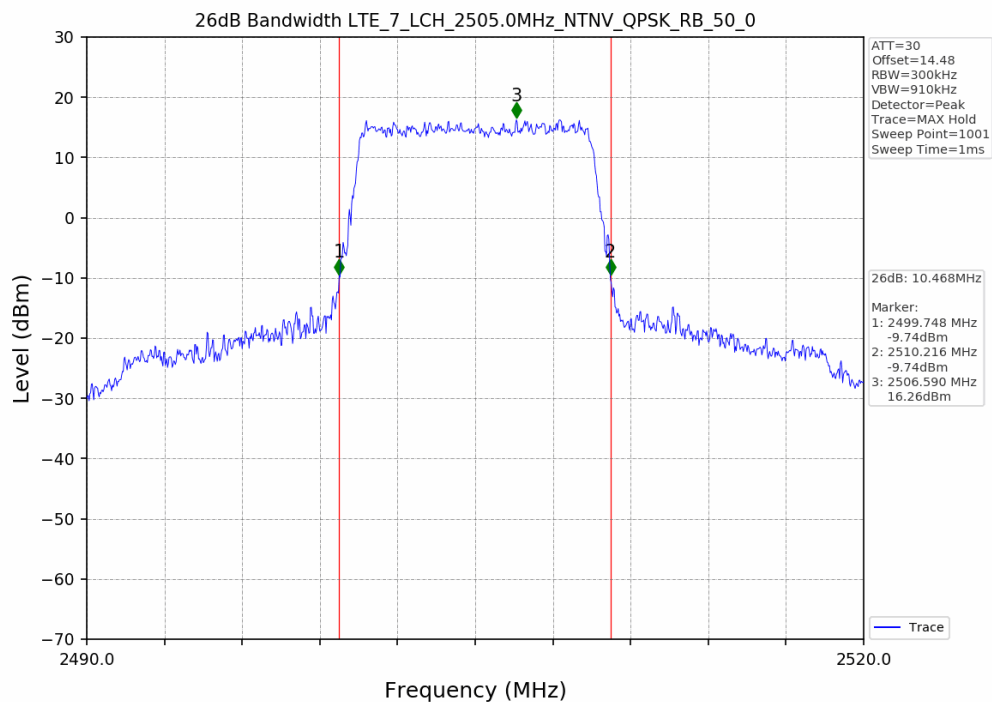
Test Band: 7_10MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	10.468	10.456	10.432	N/A	PASS
16QAM	50	0	10.501	10.550	10.275	N/A	PASS
64QAM	50	0	10.560	10.434	10.522	N/A	PASS

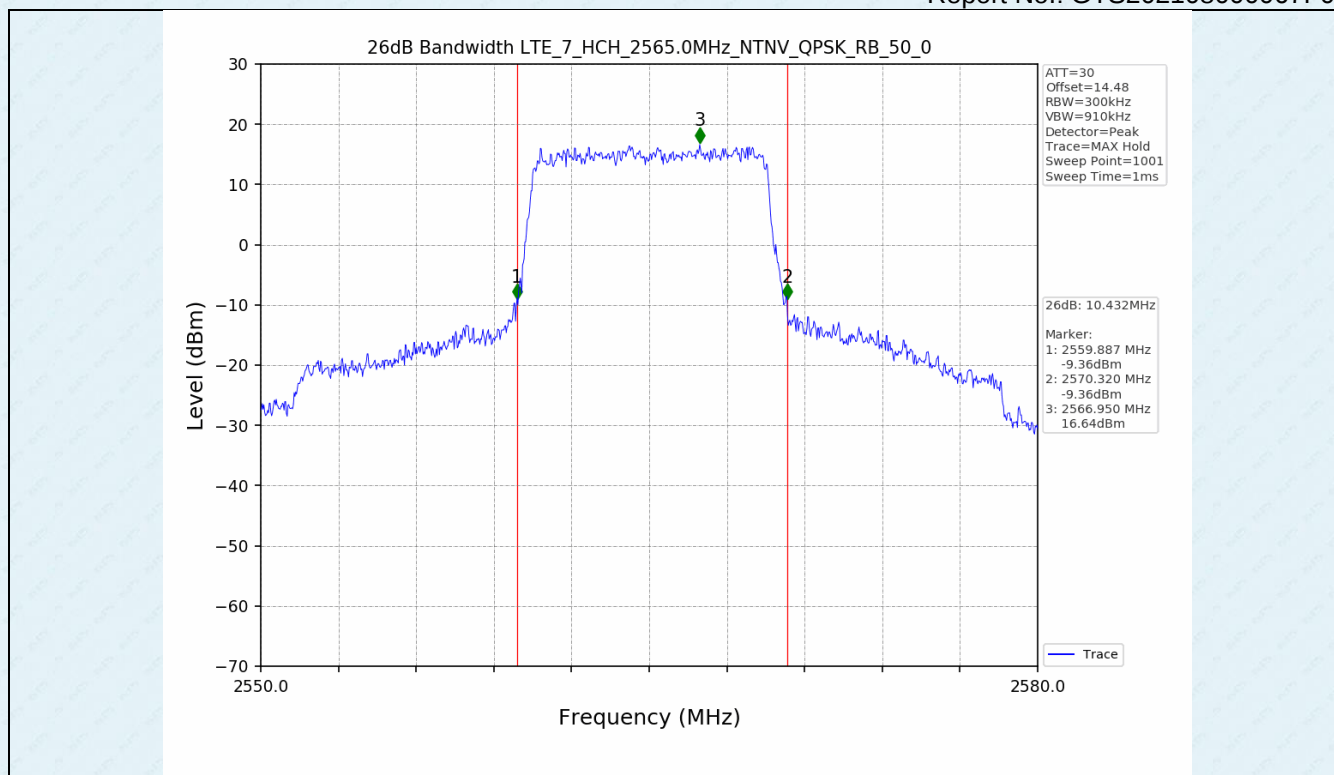
3.2 Test Graph





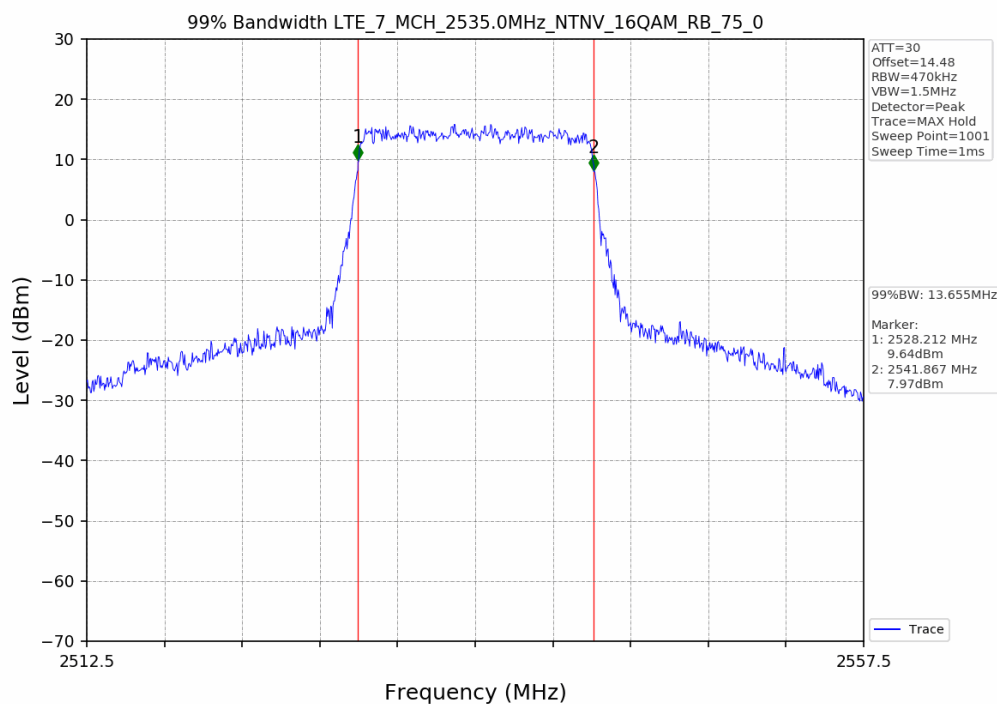
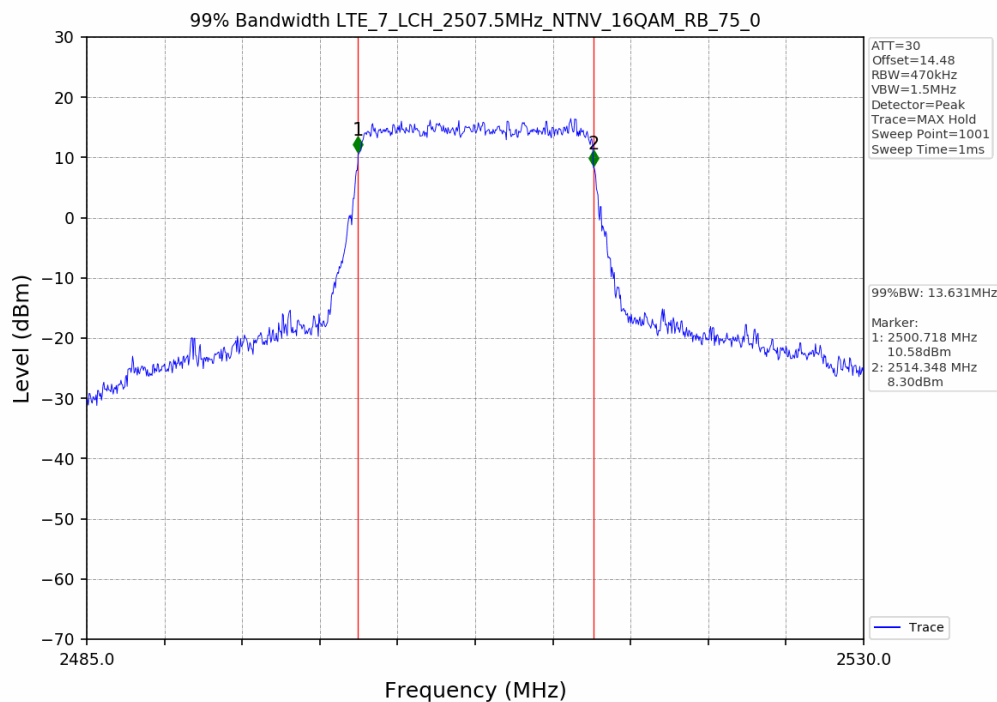


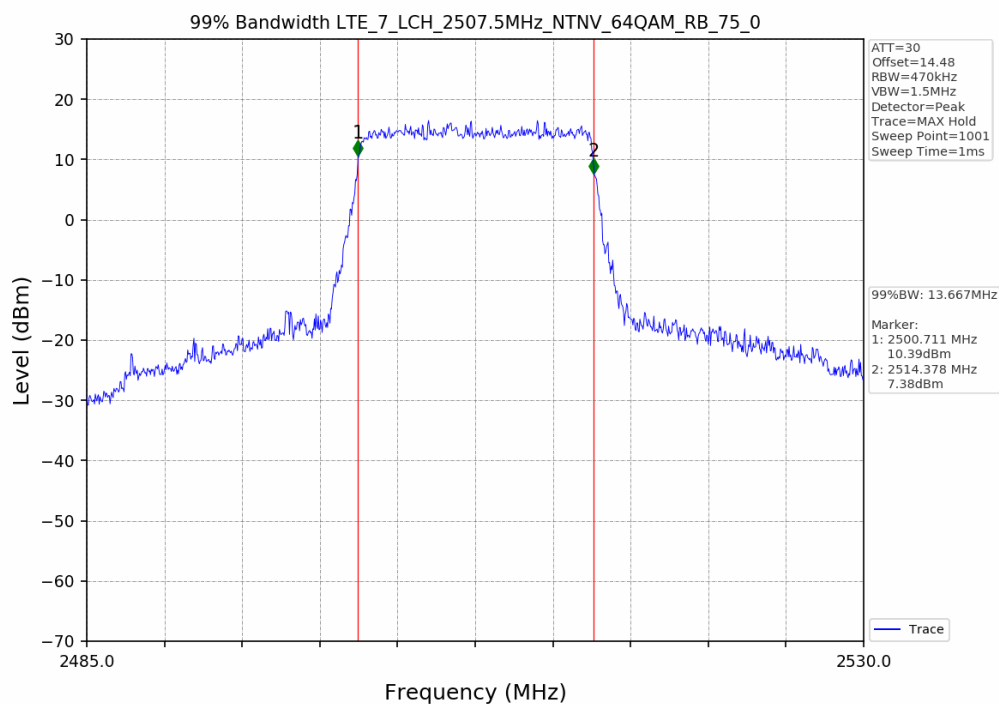
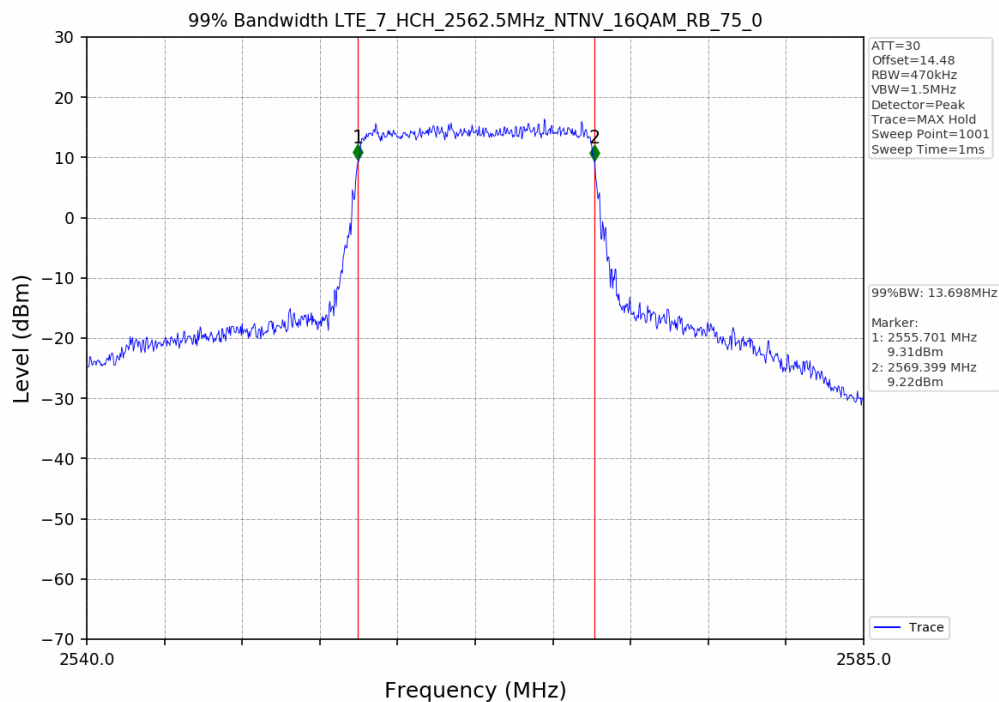


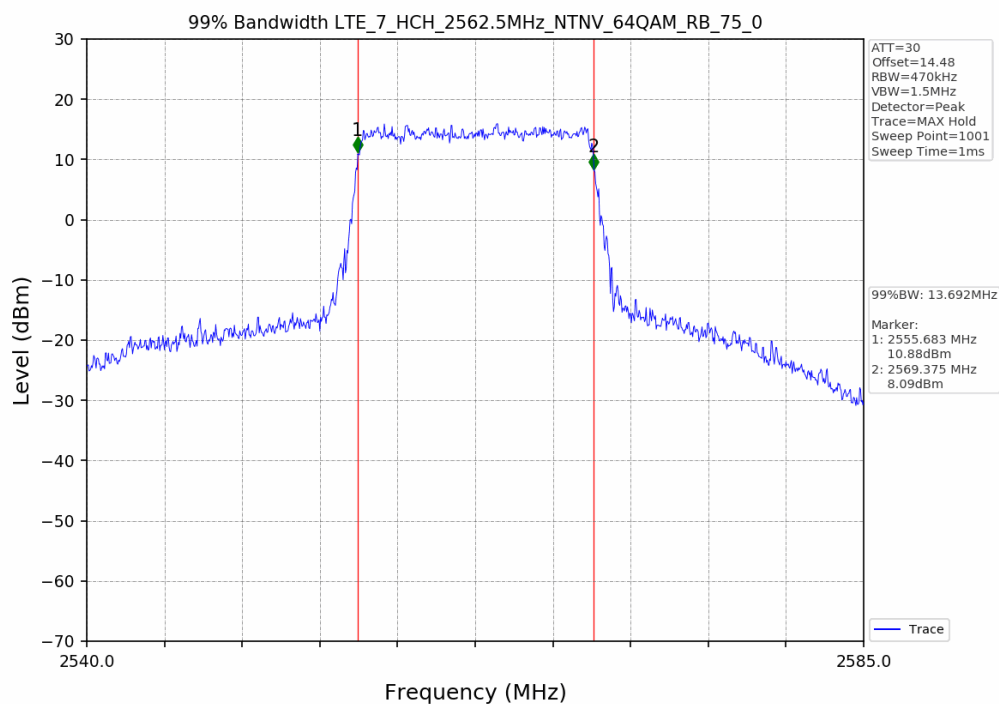
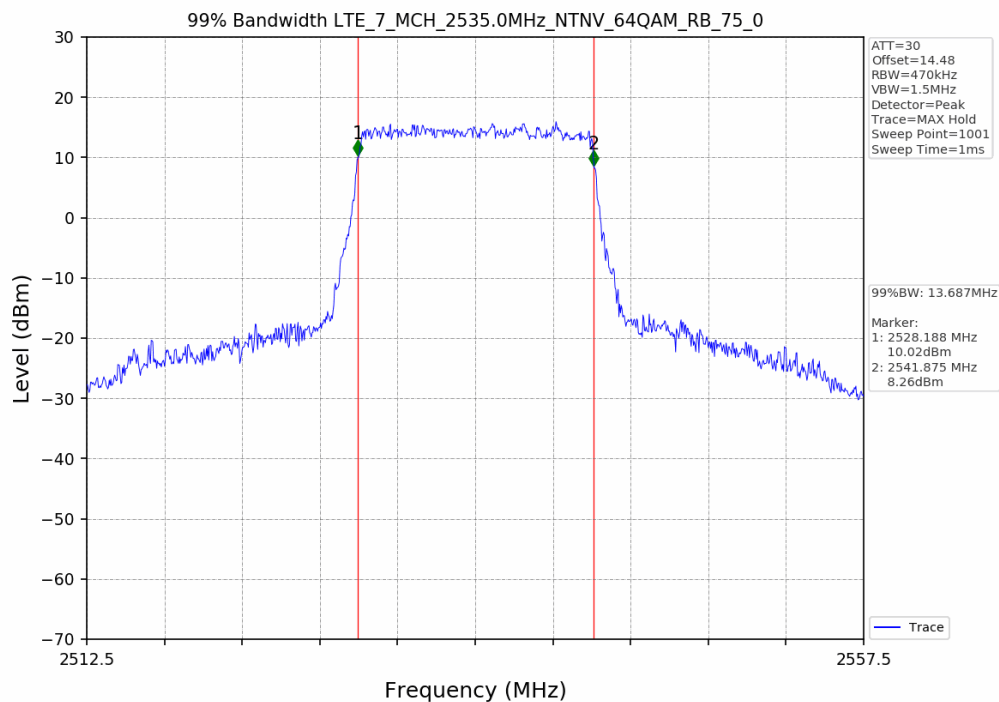


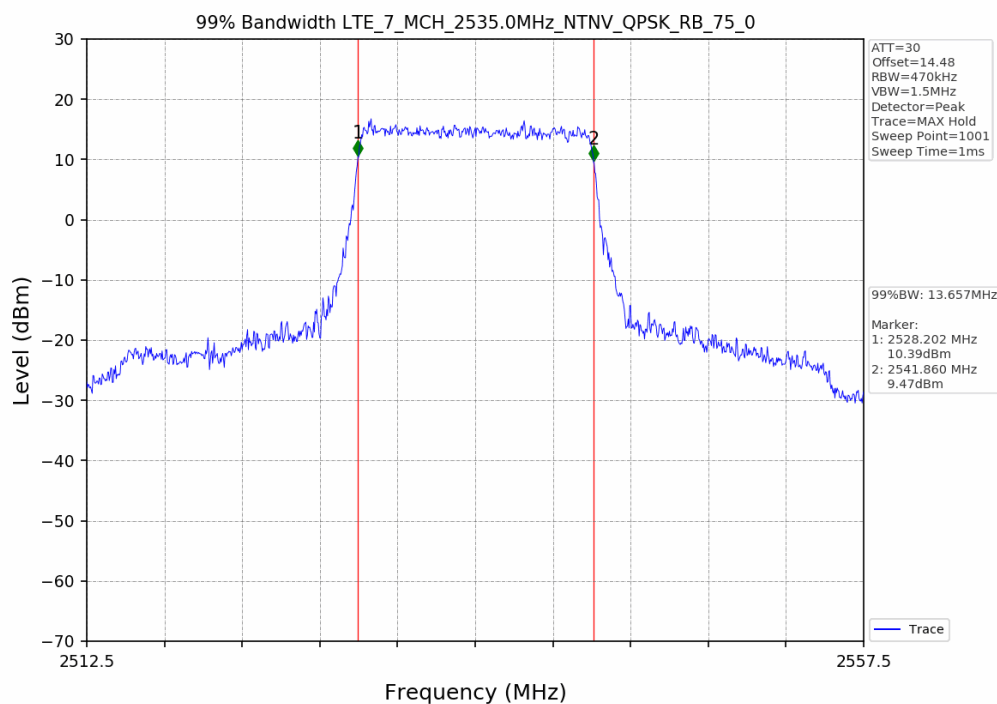
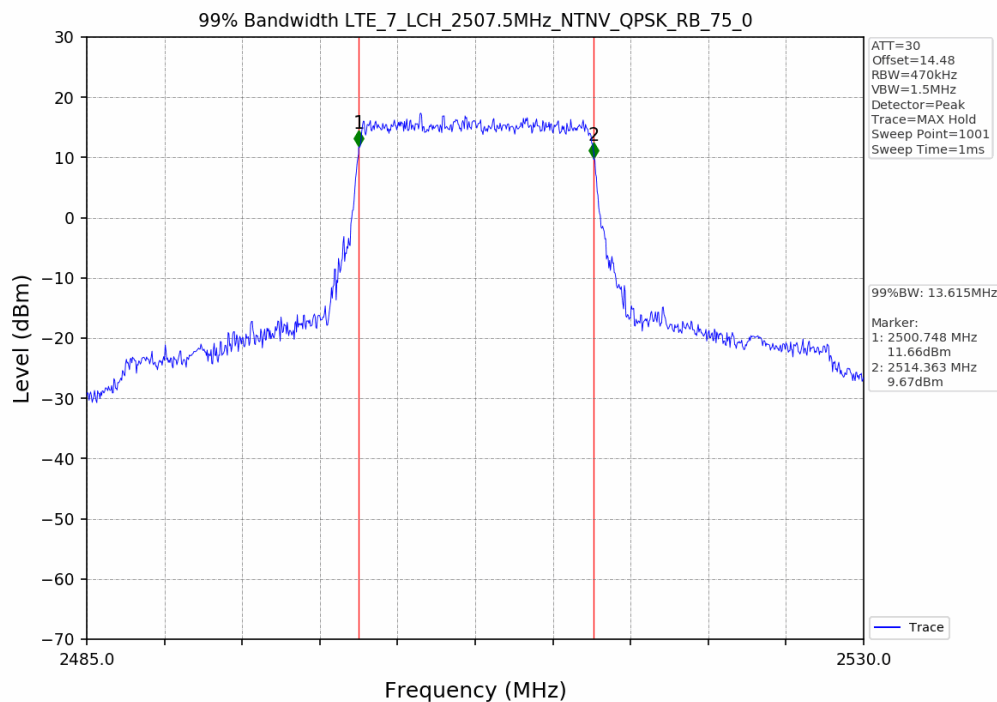
Test Band: 7_15MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	13.615	13.657	13.756	N/A	PASS
16QAM	75	0	13.631	13.655	13.698	N/A	PASS
64QAM	75	0	13.667	13.687	13.692	N/A	PASS

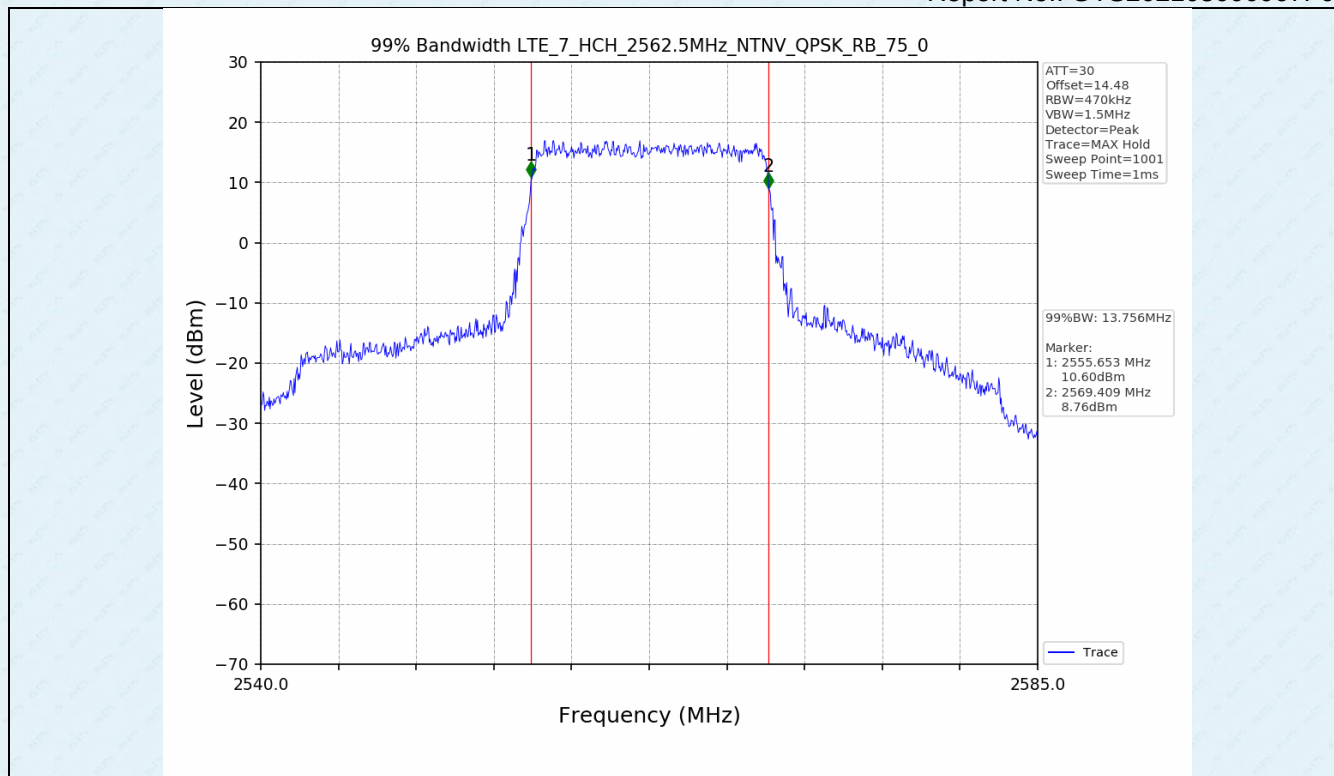
3.2 Test Graph





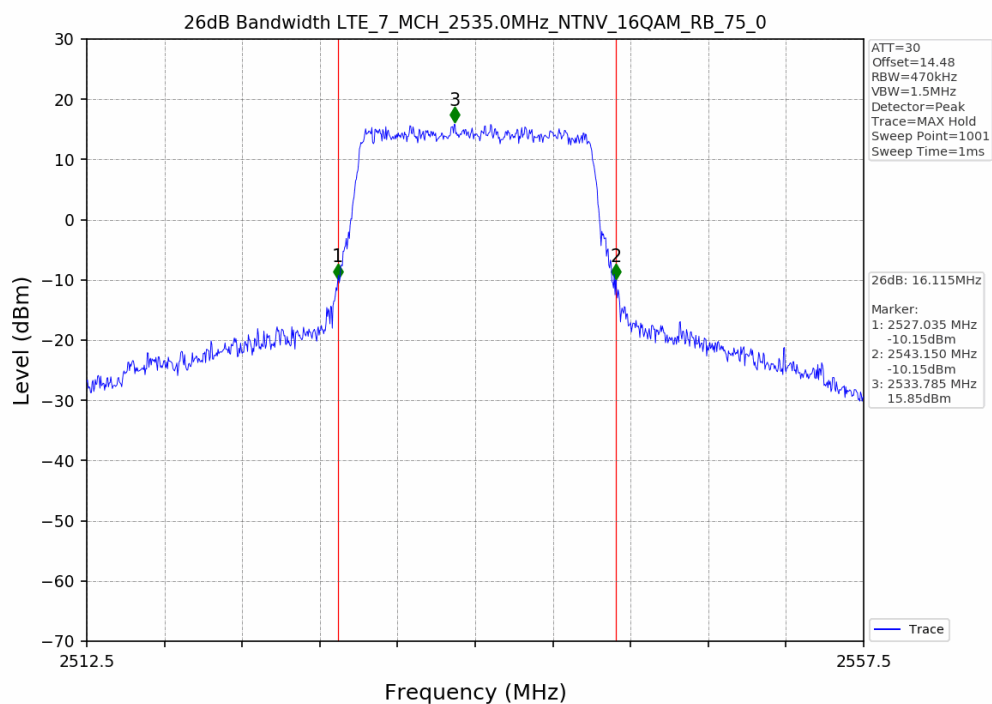
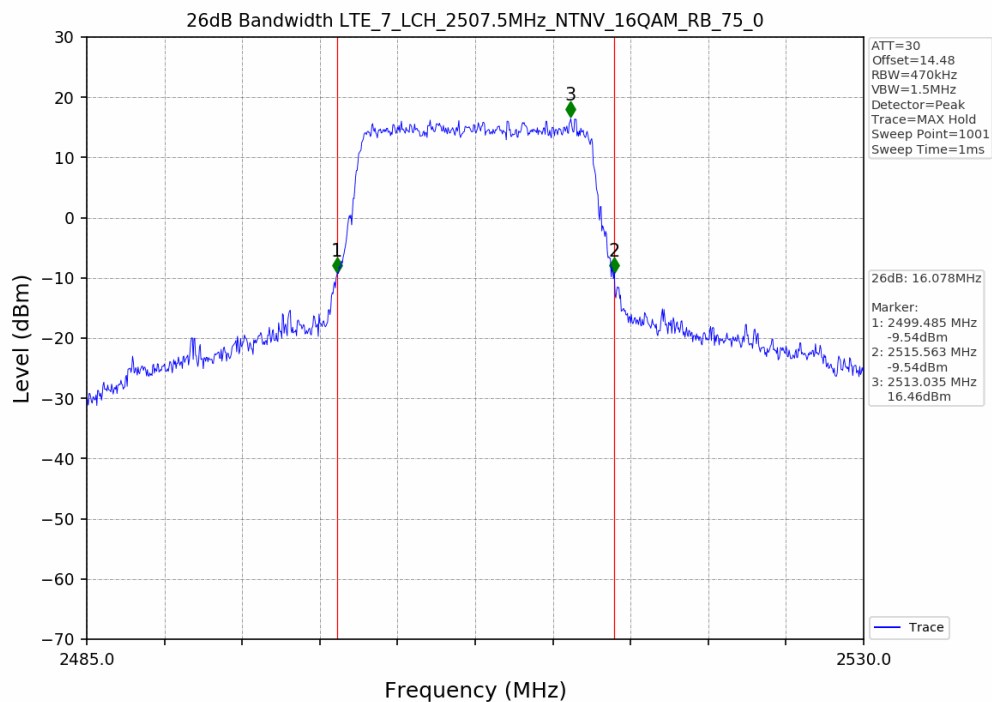


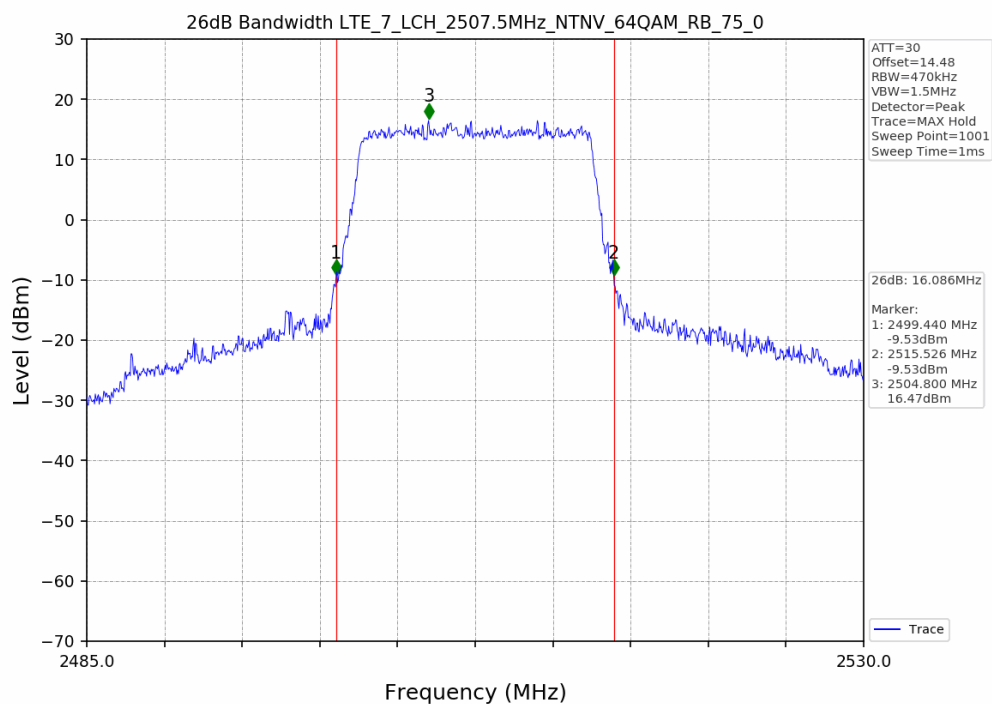
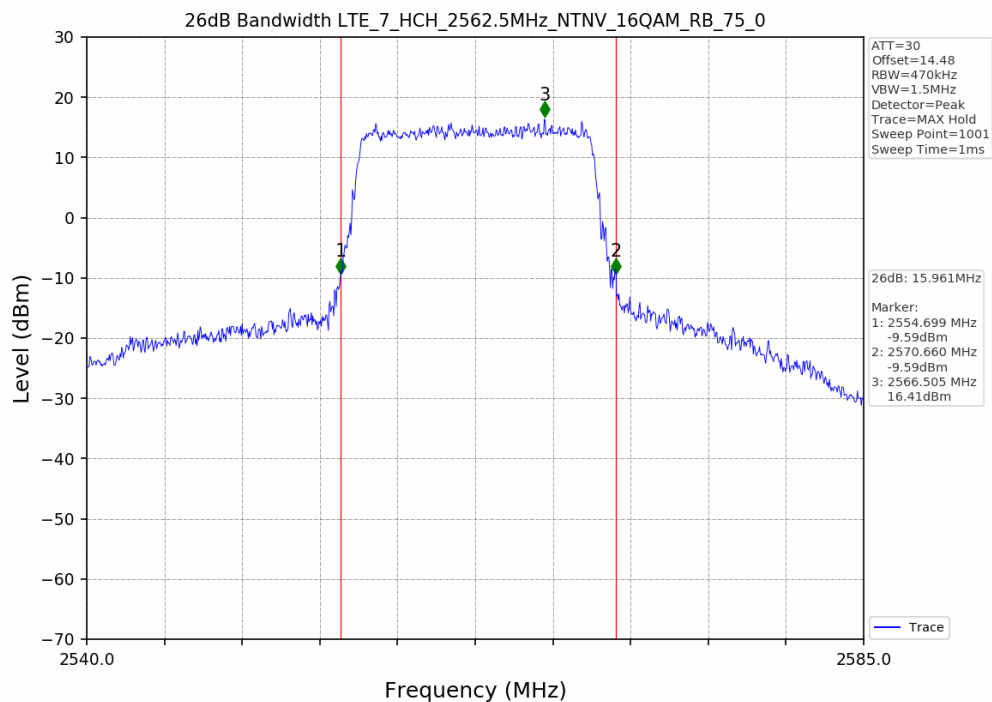


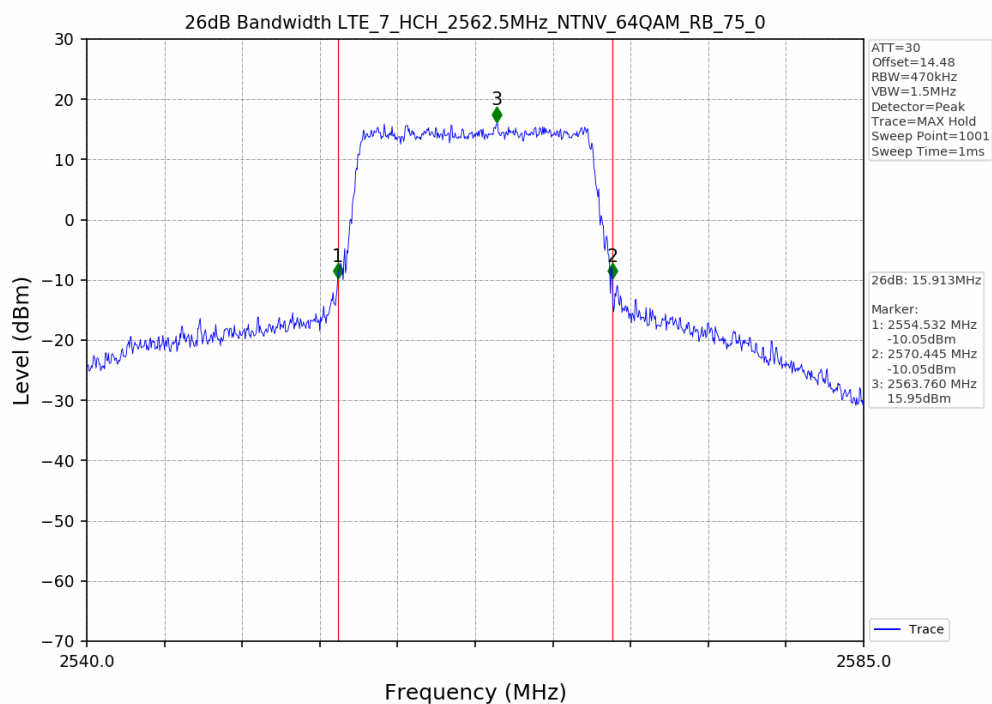
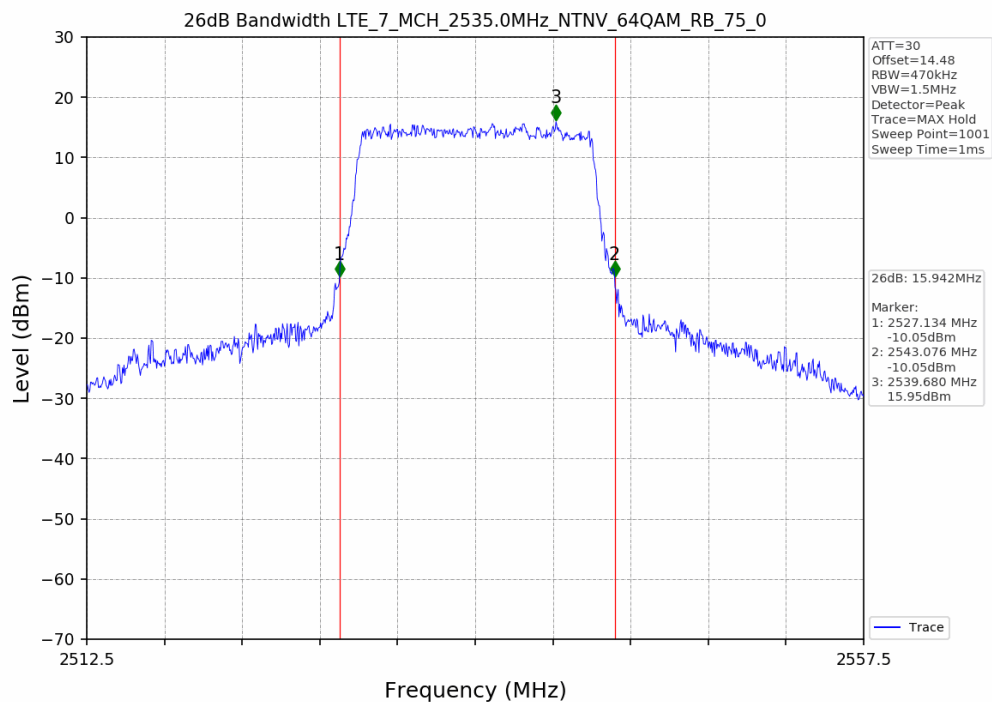


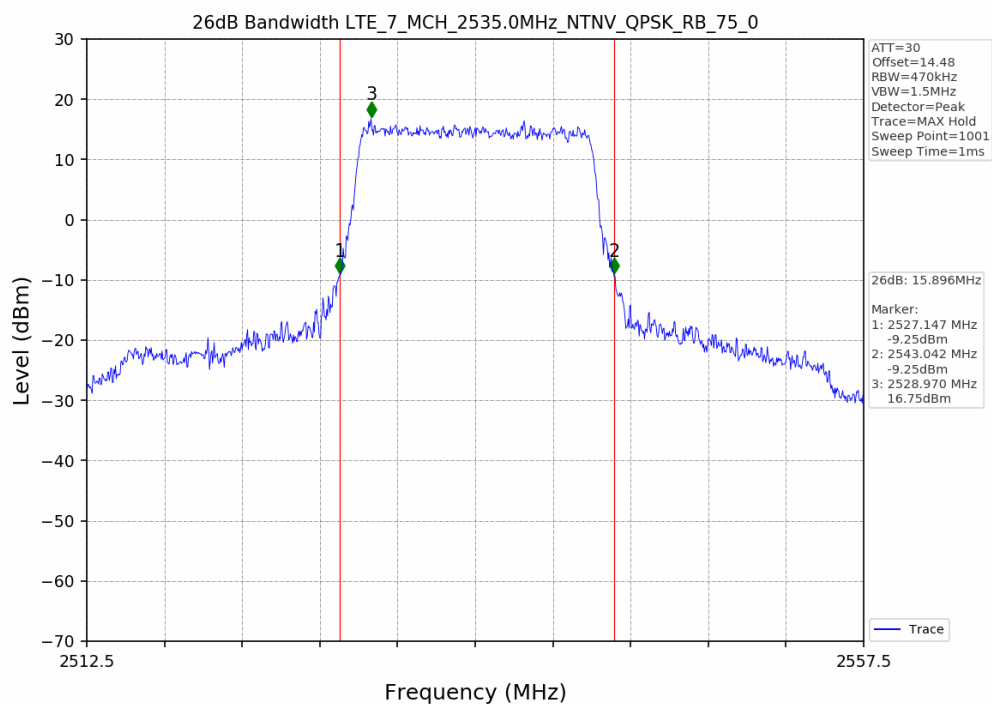
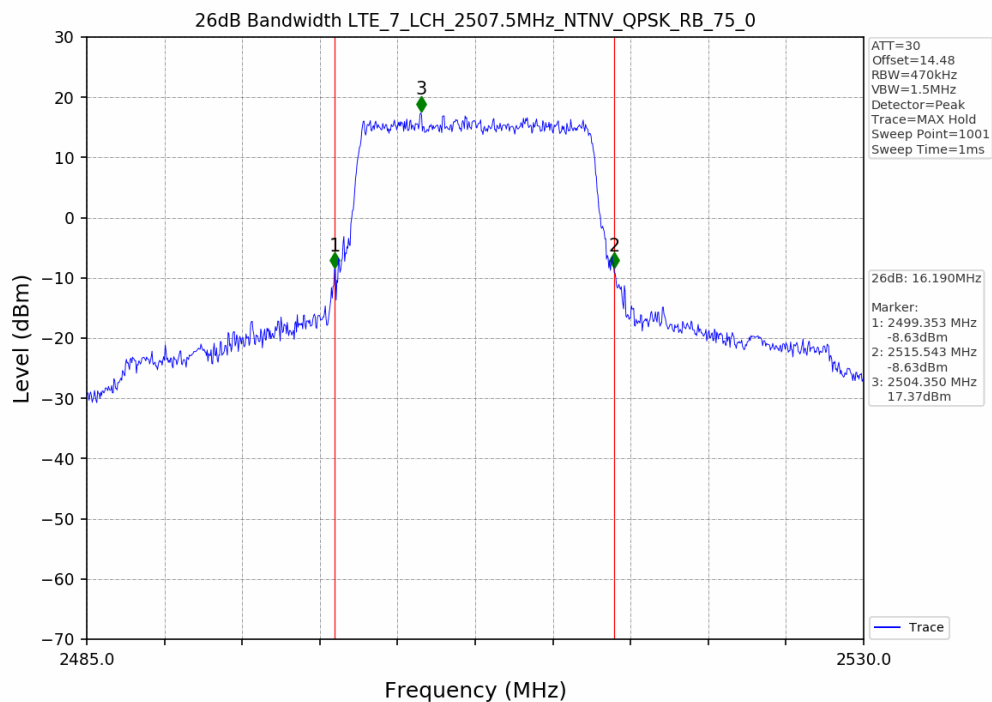
Test Band: 7_15MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	16.190	15.896	16.325	N/A	PASS
16QAM	75	0	16.078	16.115	15.961	N/A	PASS
64QAM	75	0	16.086	15.942	15.913	N/A	PASS

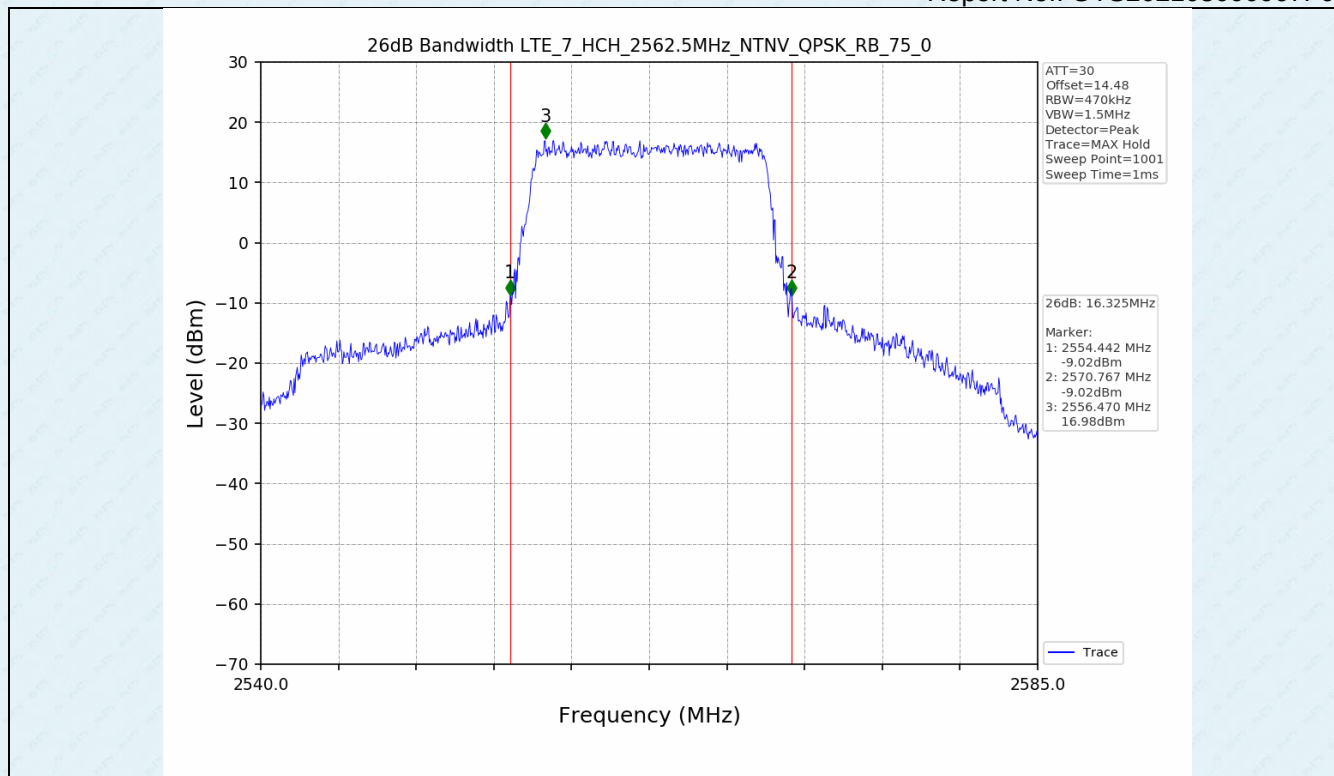
3.2 Test Graph





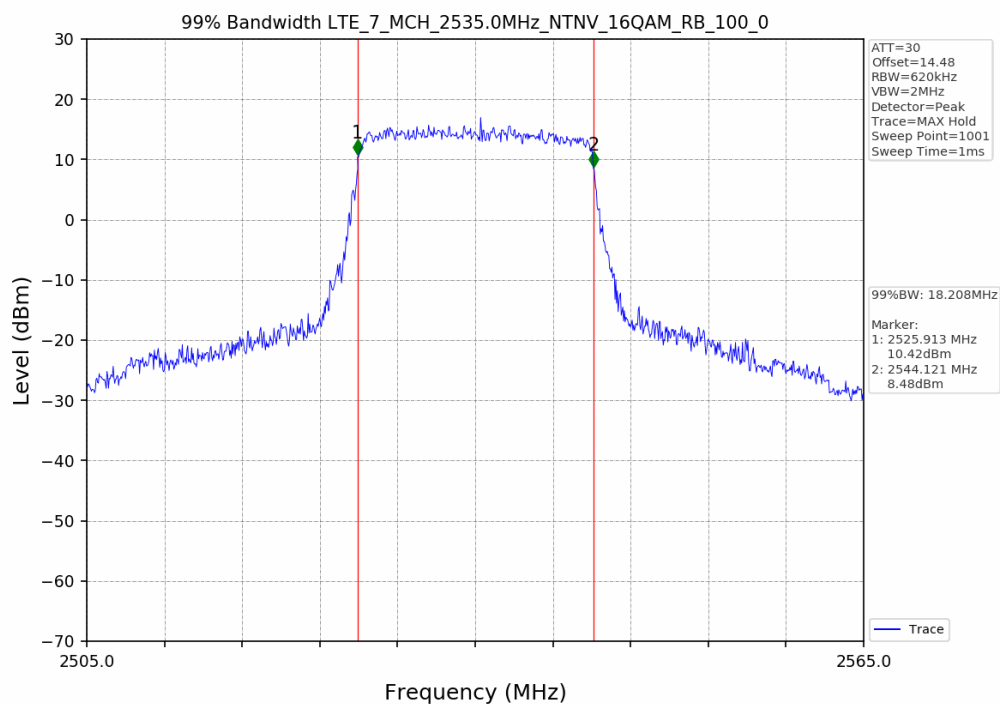
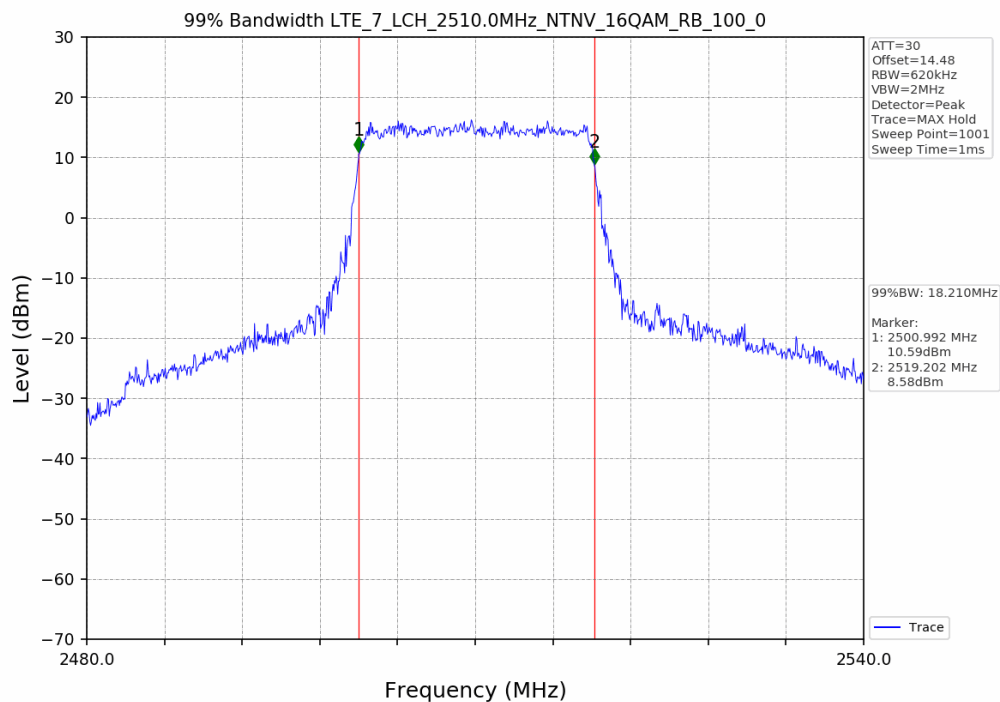


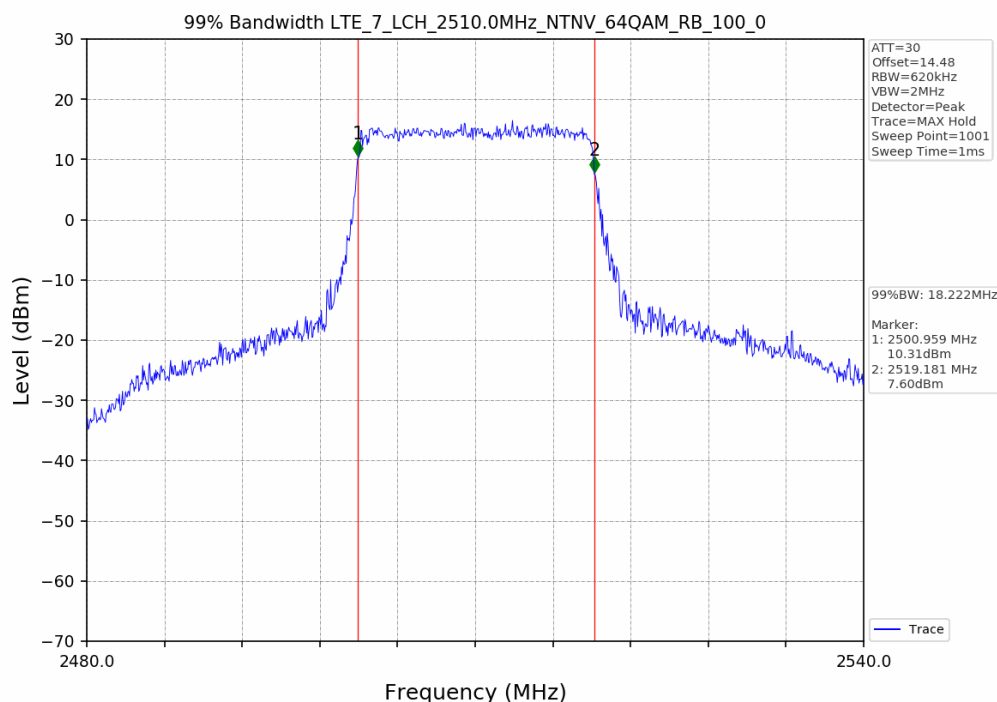
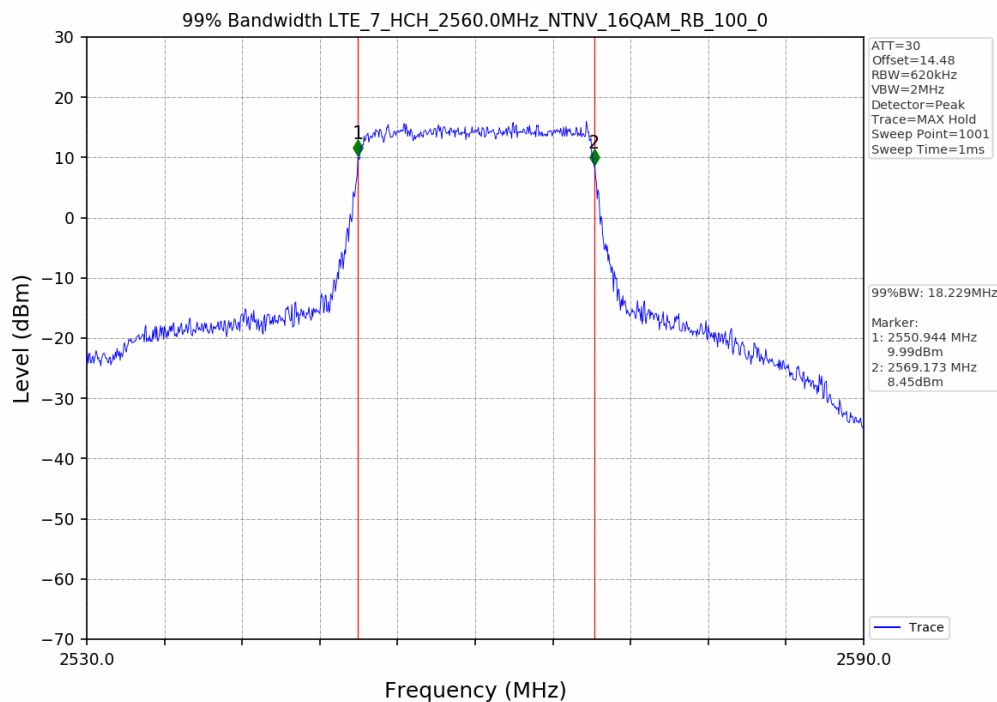


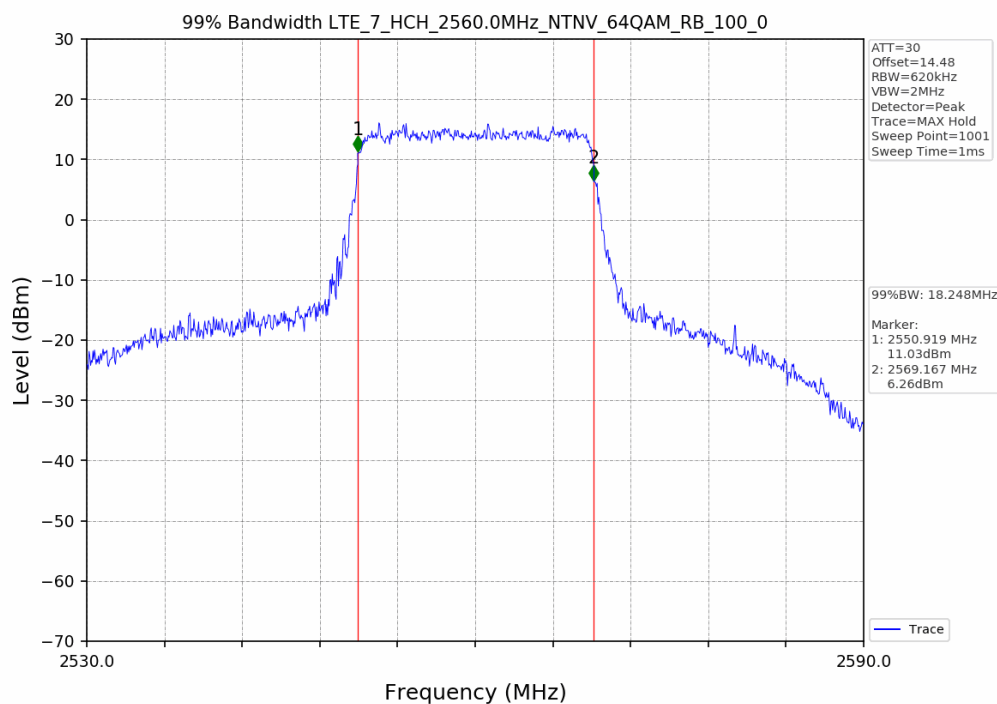
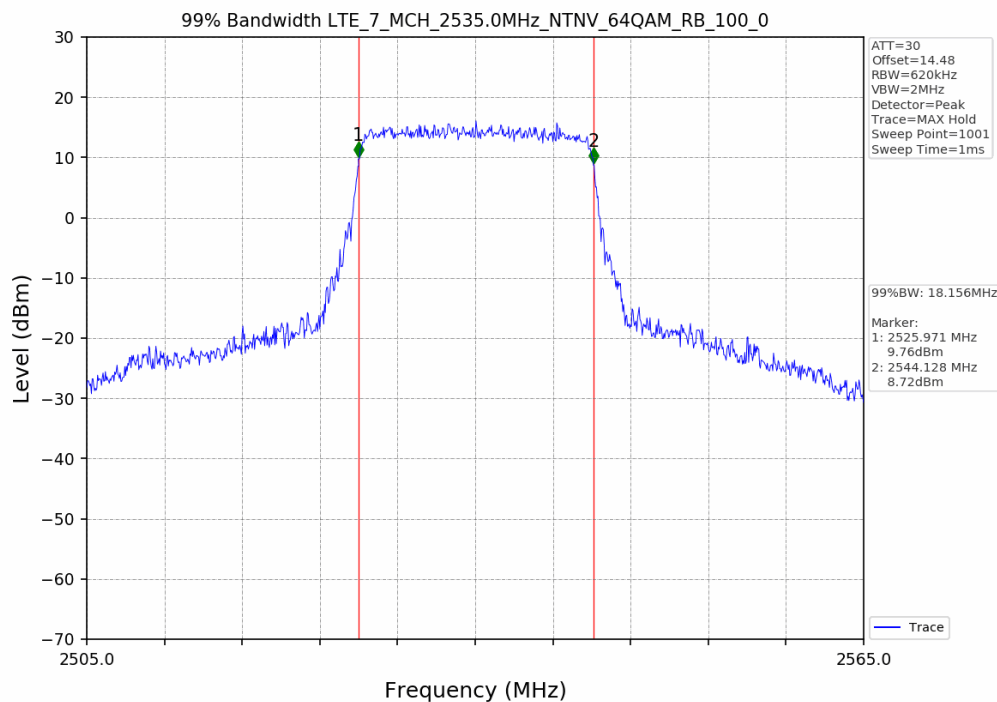


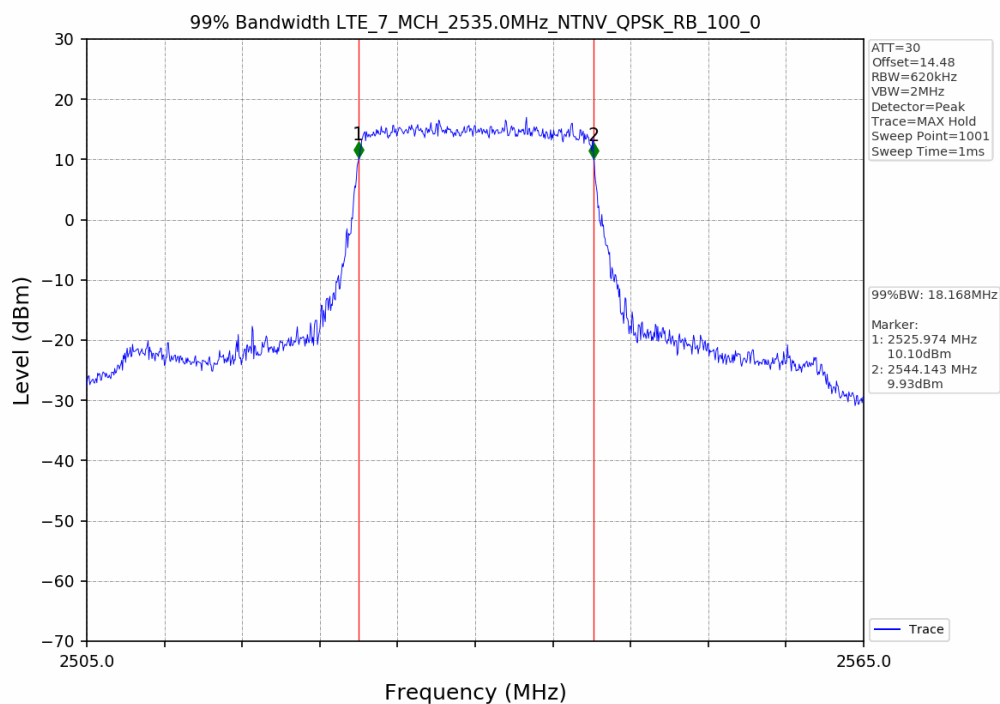
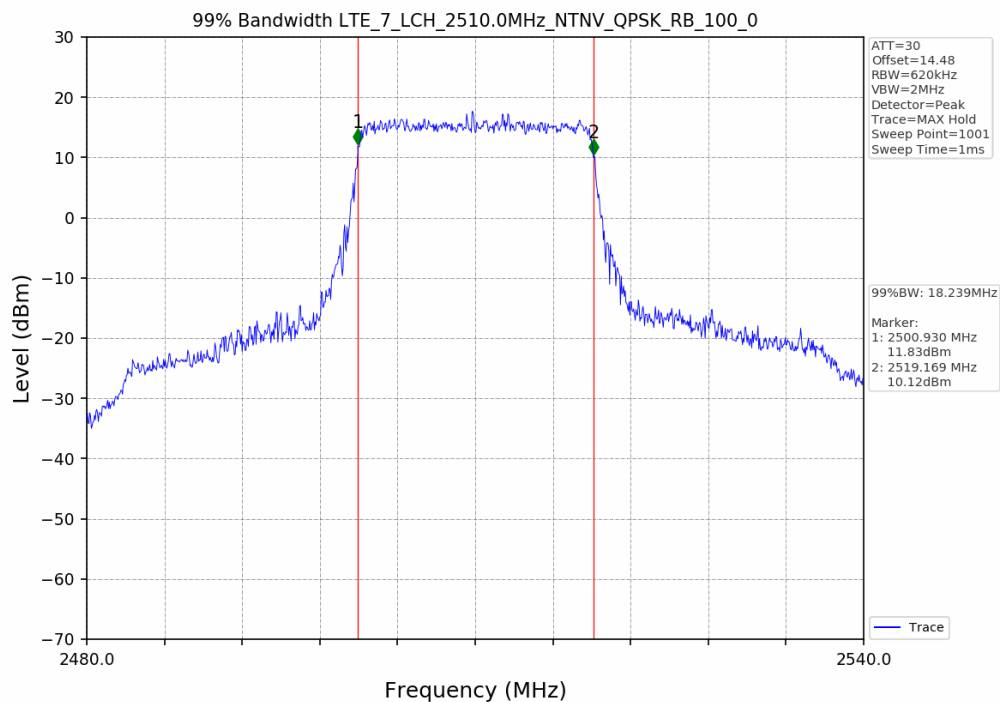
Test Band: 7_20MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	18.239	18.168	18.207	N/A	PASS
16QAM	100	0	18.210	18.208	18.229	N/A	PASS
64QAM	100	0	18.222	18.156	18.248	N/A	PASS

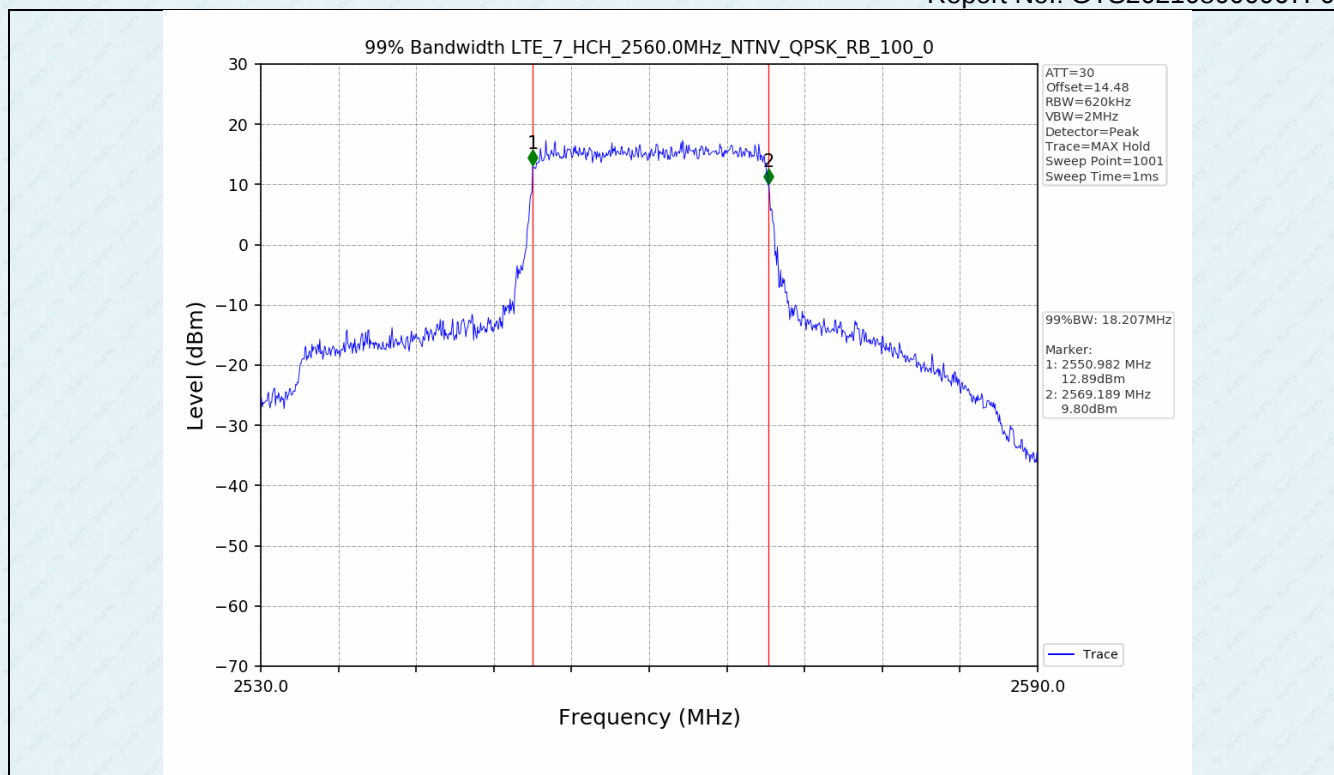
3.2 Test Graph





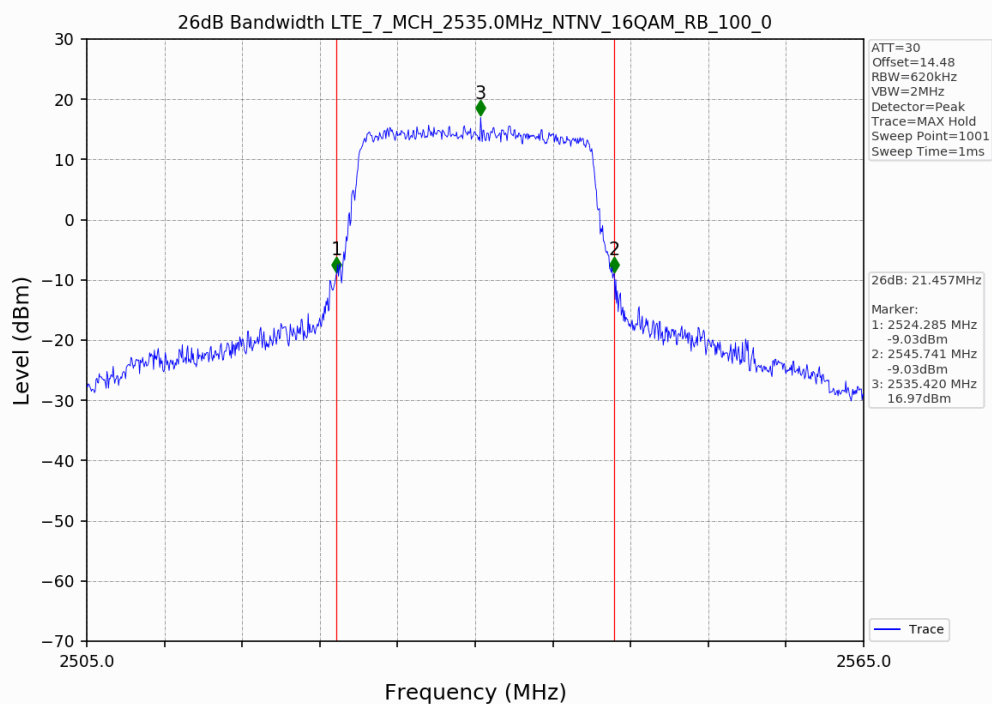
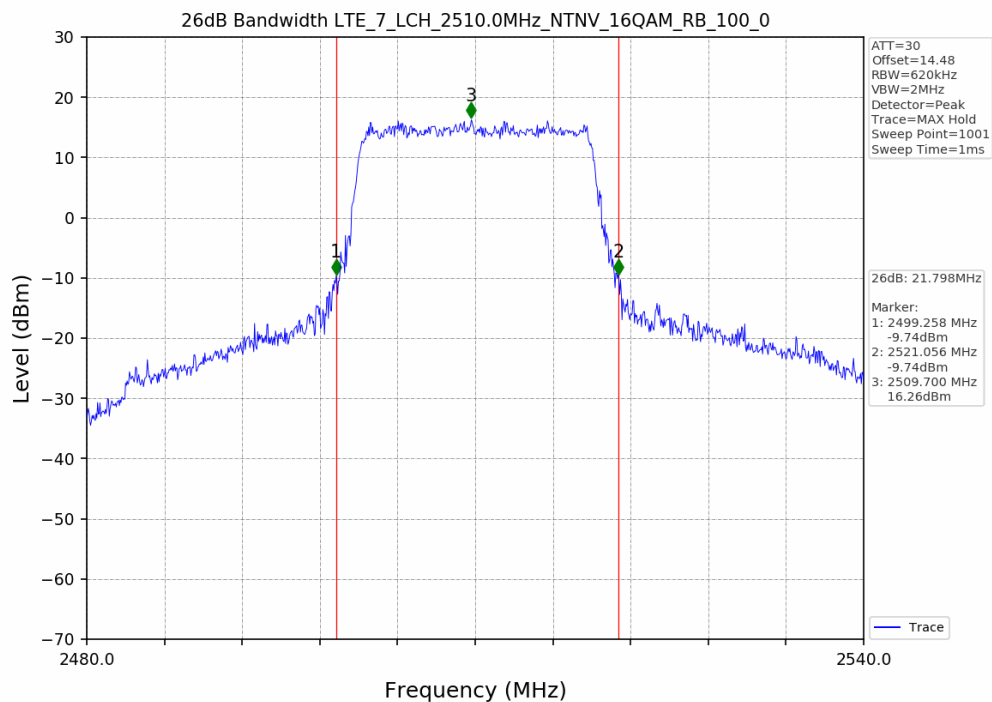


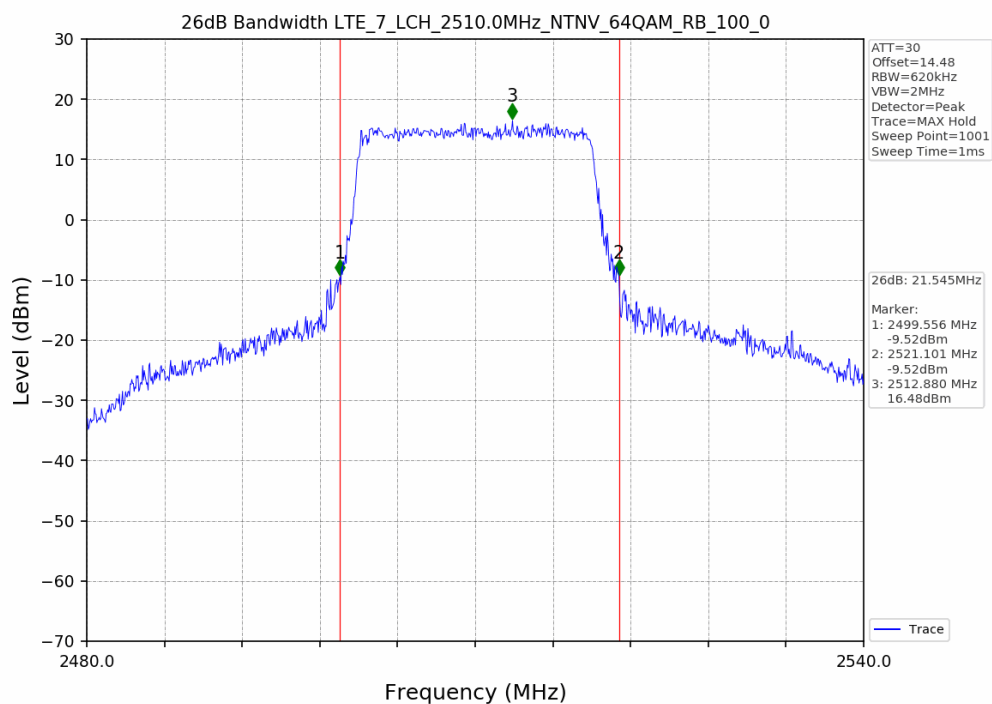
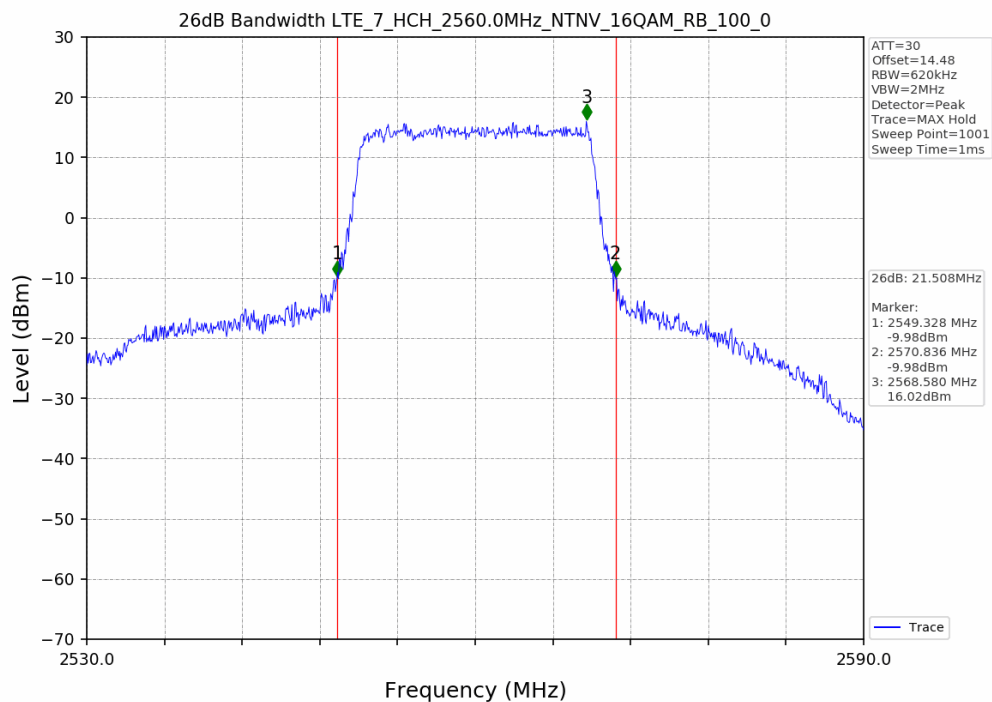


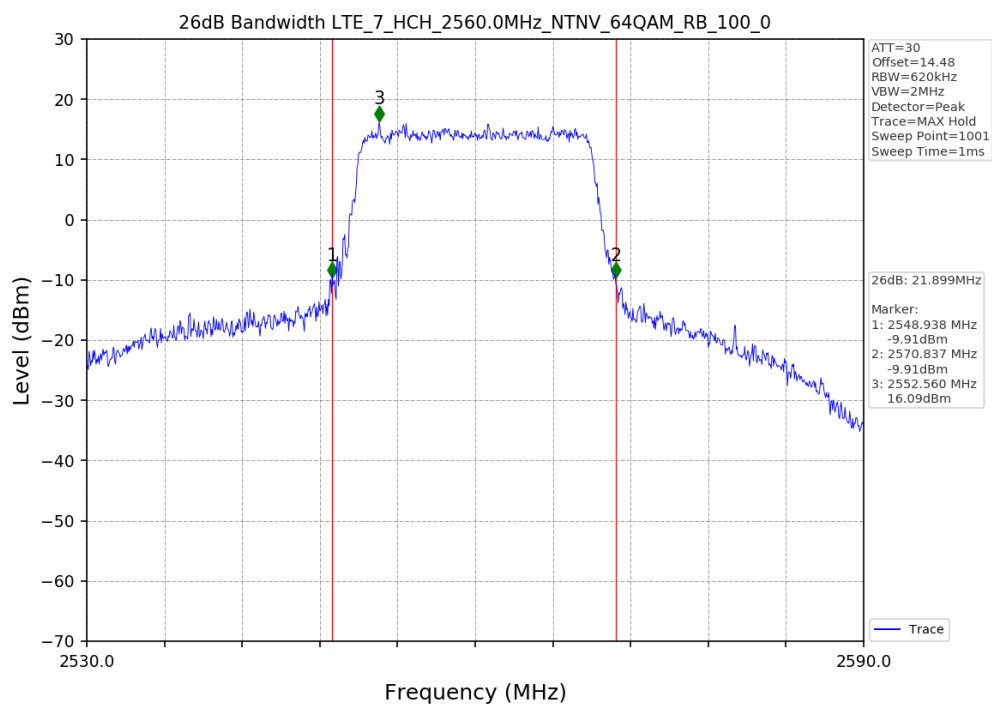
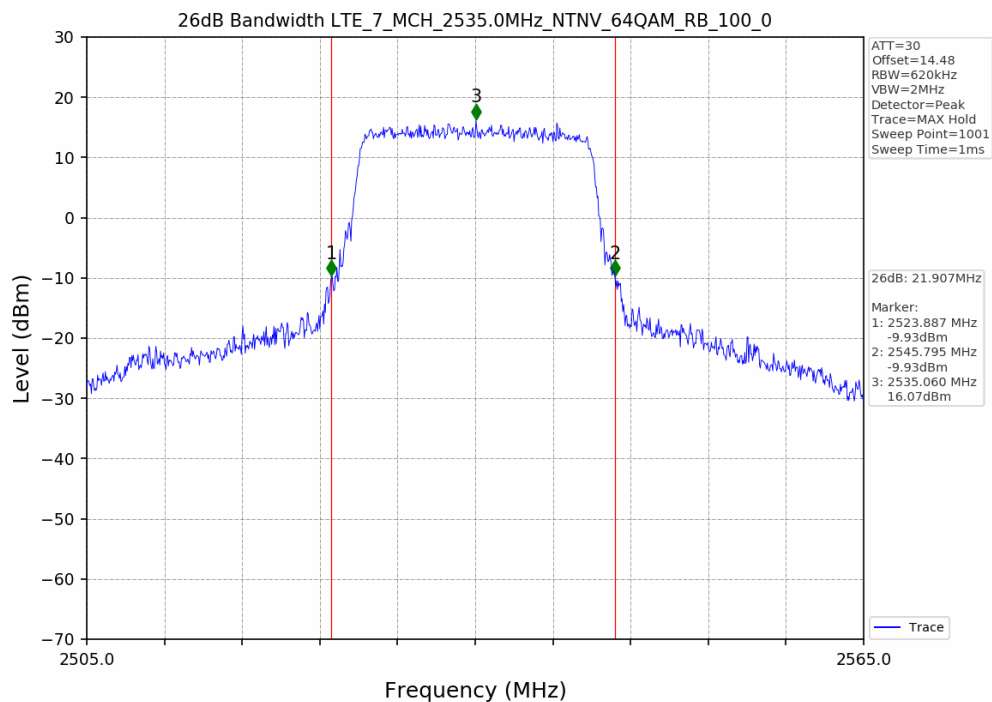


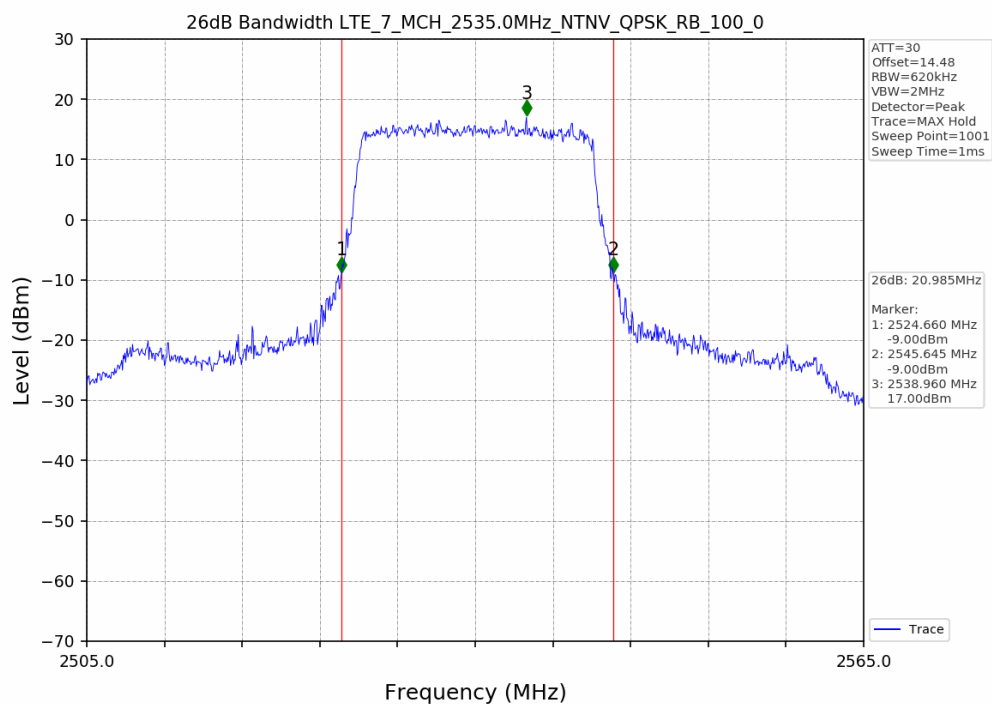
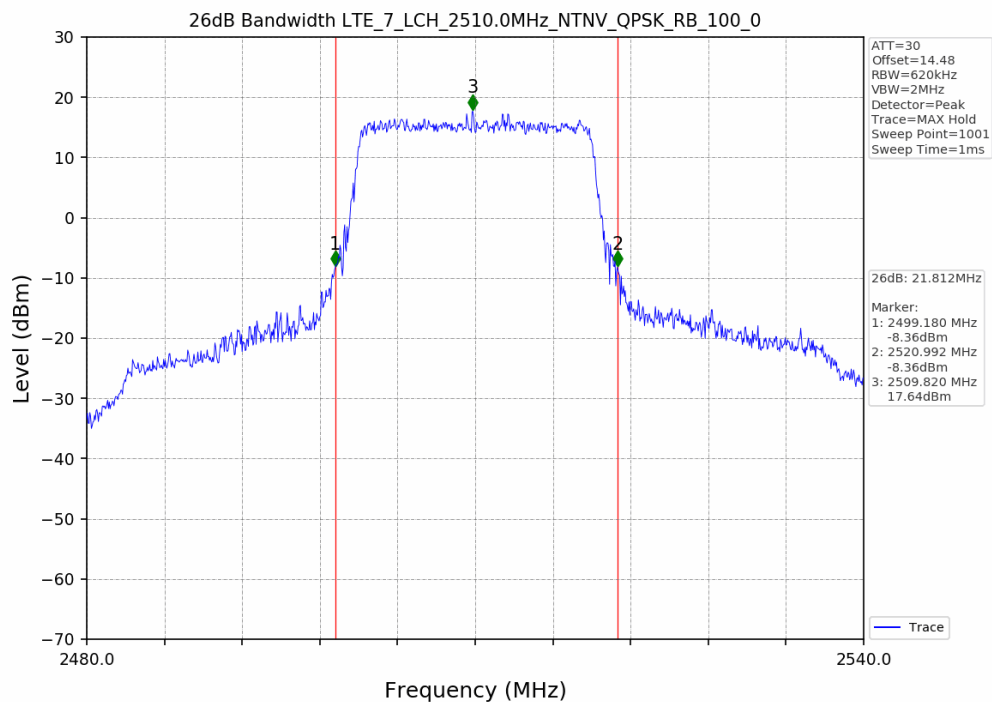
Test Band: 7_20MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	21.812	20.985	21.053	N/A	PASS
16QAM	100	0	21.798	21.457	21.508	N/A	PASS
64QAM	100	0	21.545	21.907	21.899	N/A	PASS

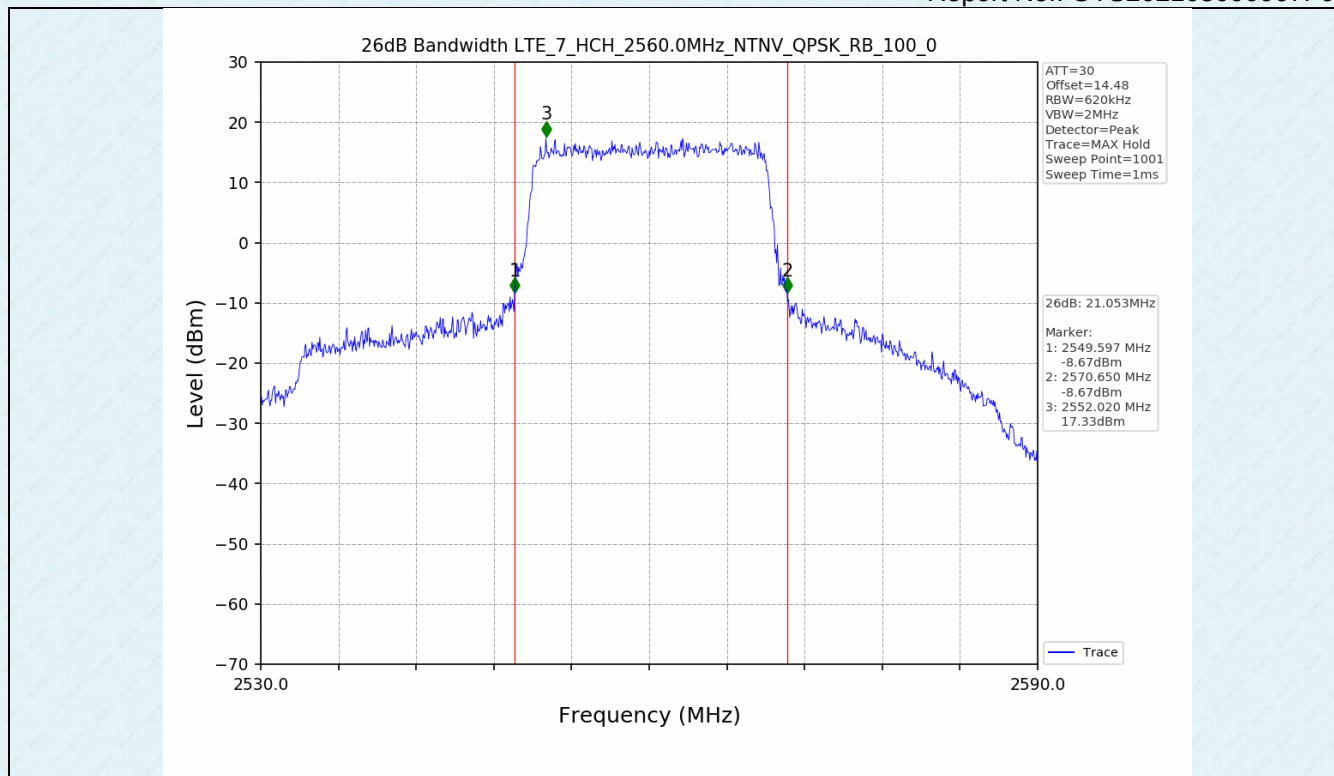
3.2 Test Graph









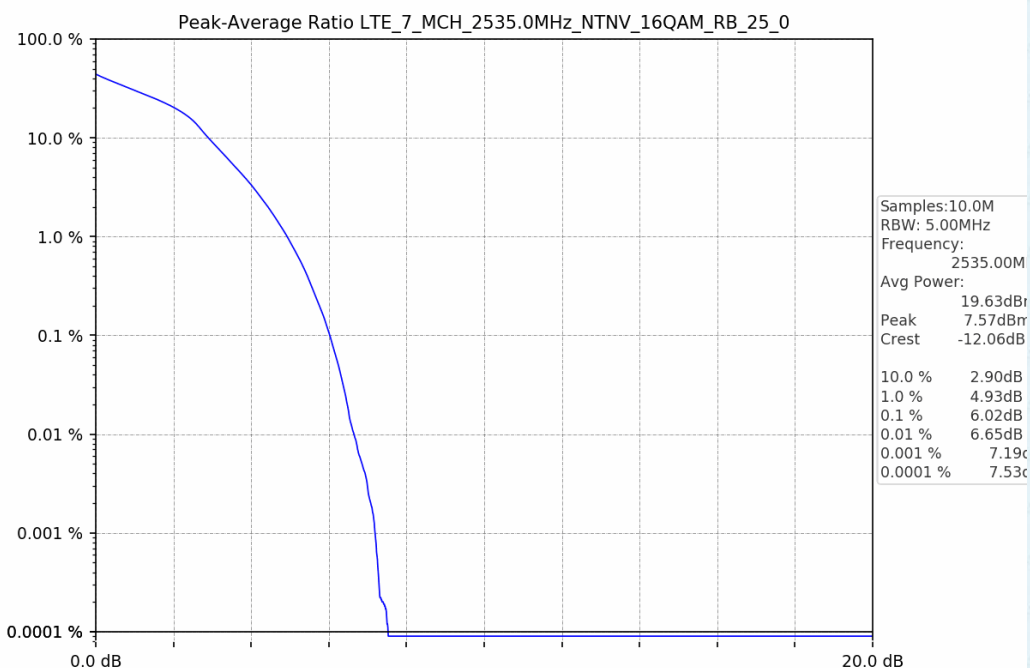
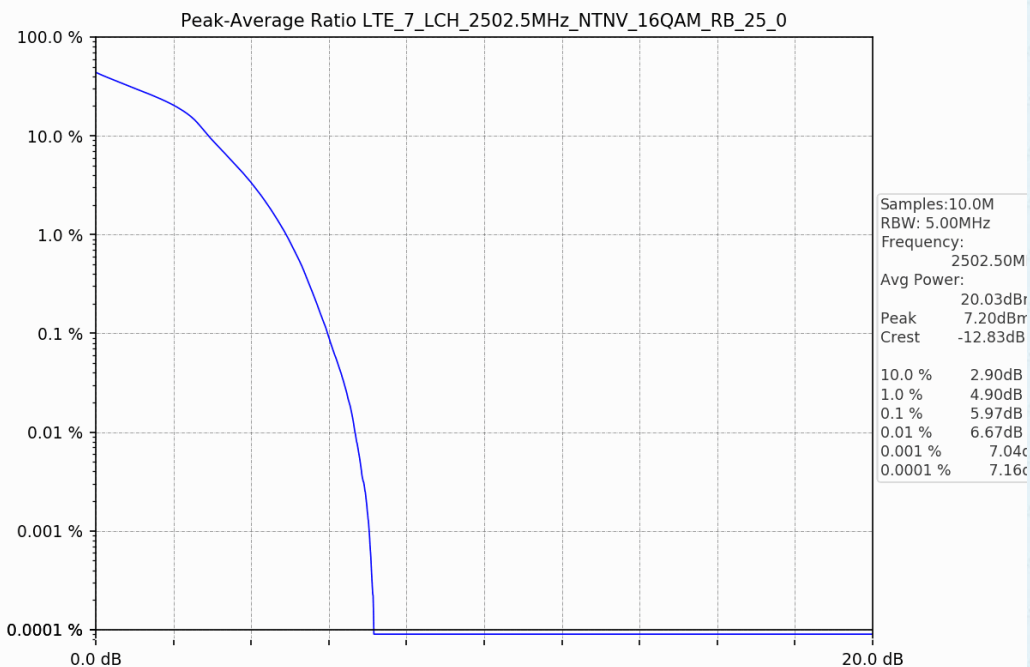


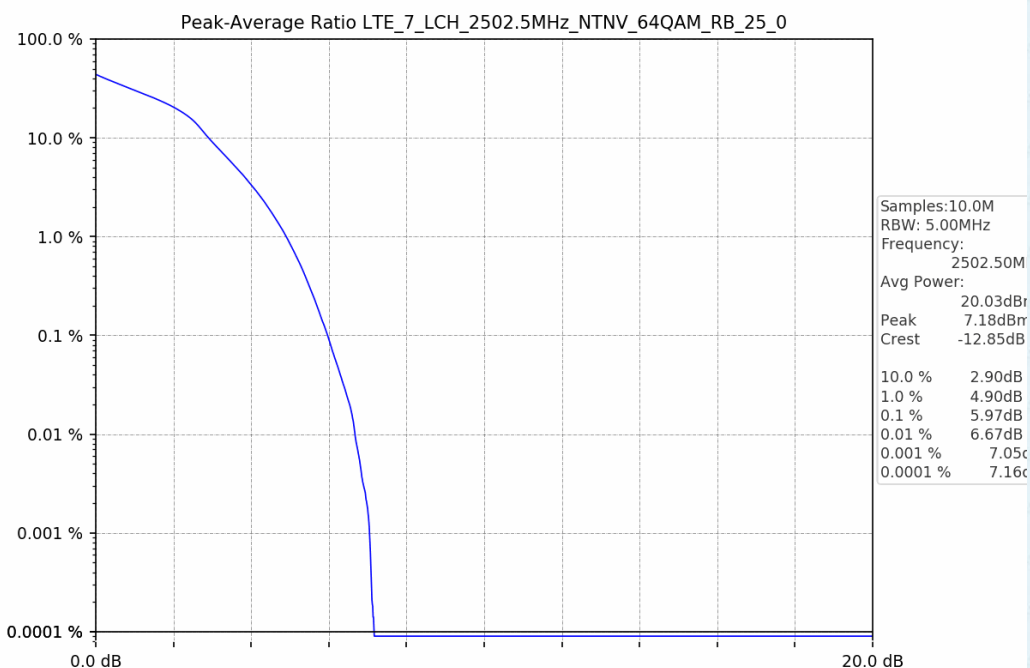
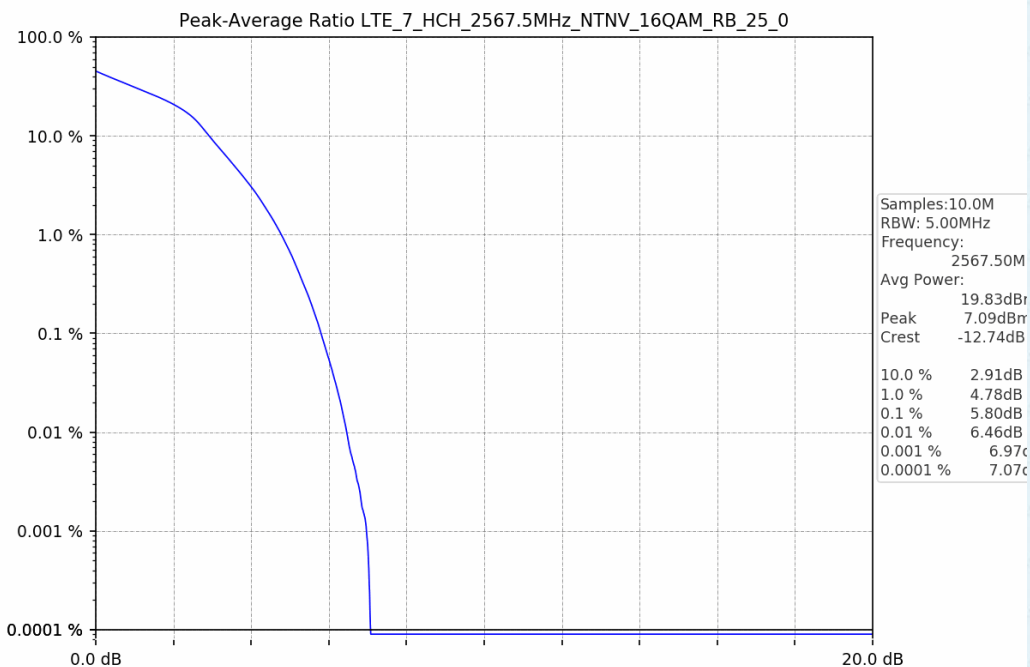
4. Peak-Average Ratio

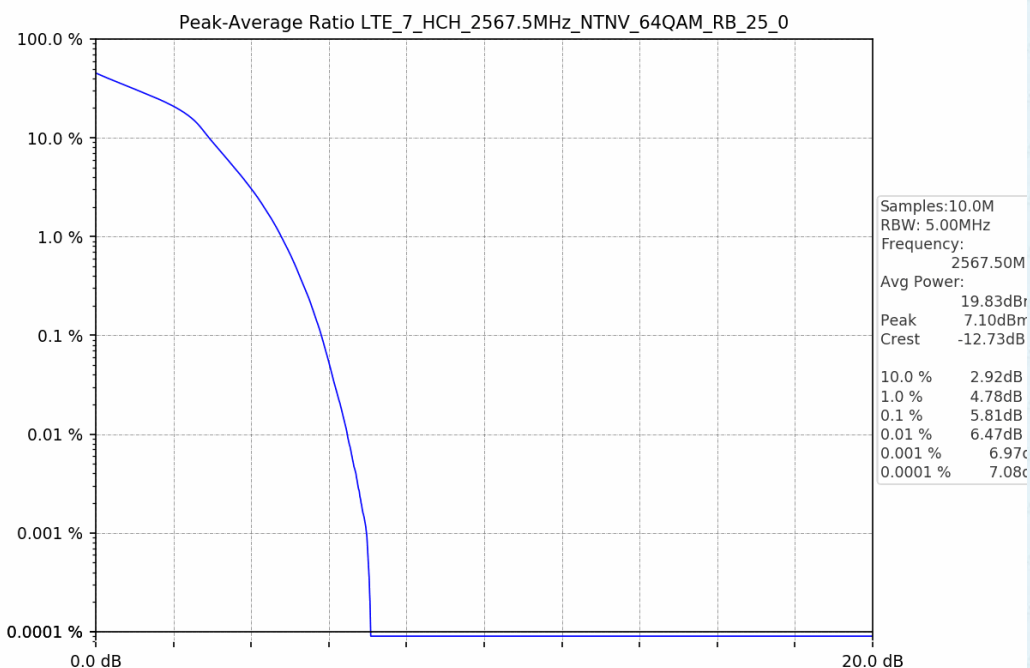
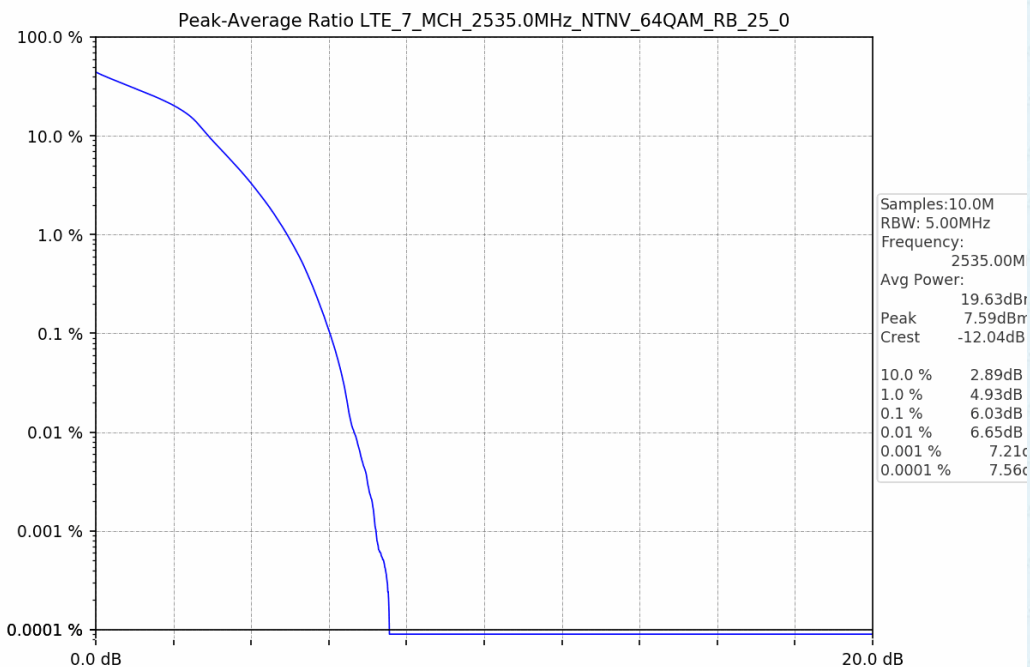
4.1 Test Result

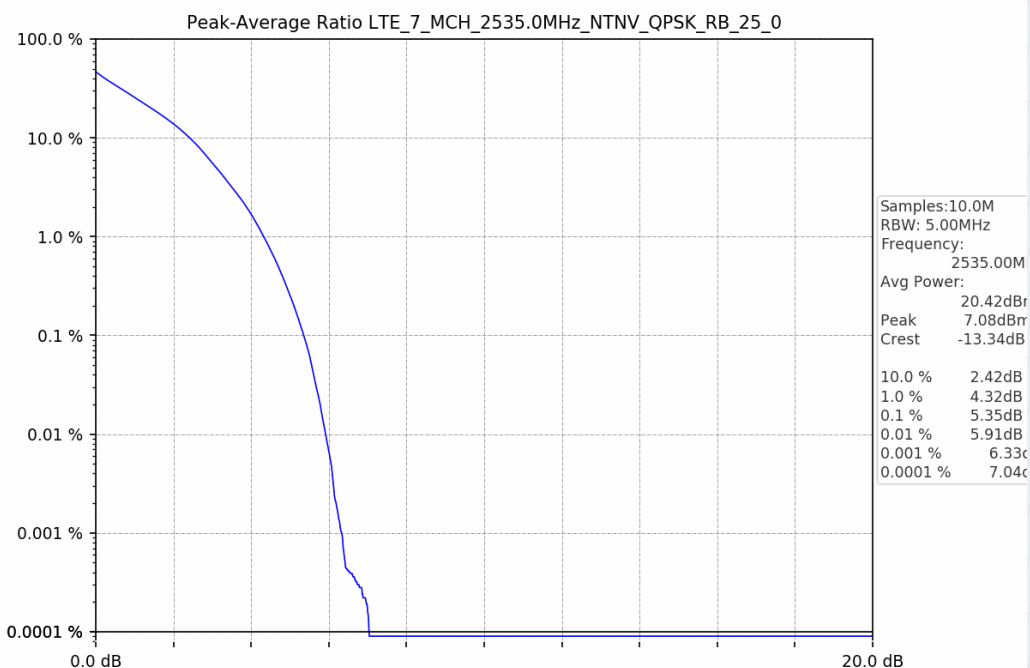
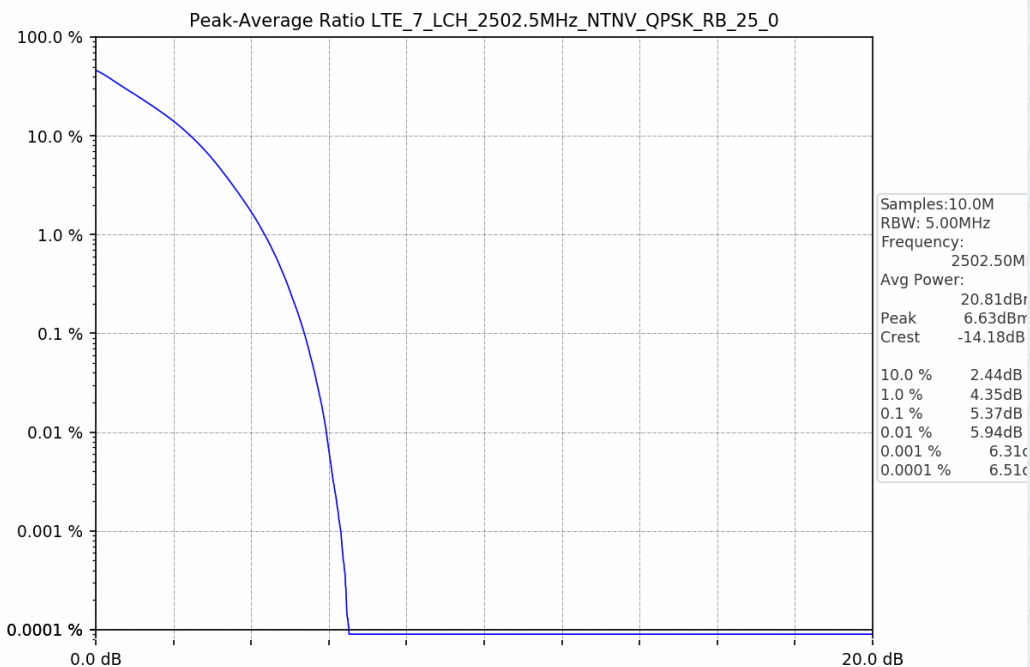
Test Band: 7 5MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.37	5.35	5.40	13	PASS
16QAM	25	0	5.97	6.02	5.80	13	PASS
64QAM	25	0	5.97	6.03	5.81	13	PASS

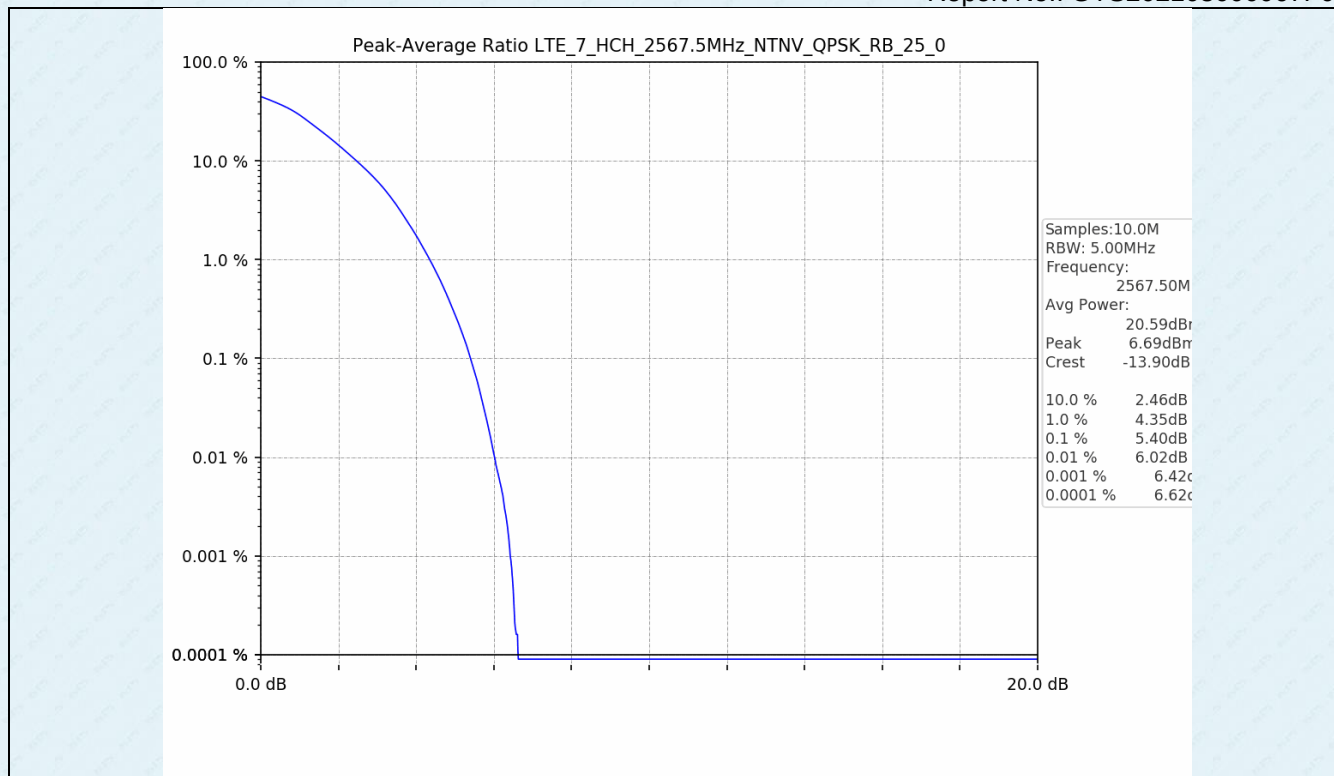
4.2 Test Graph





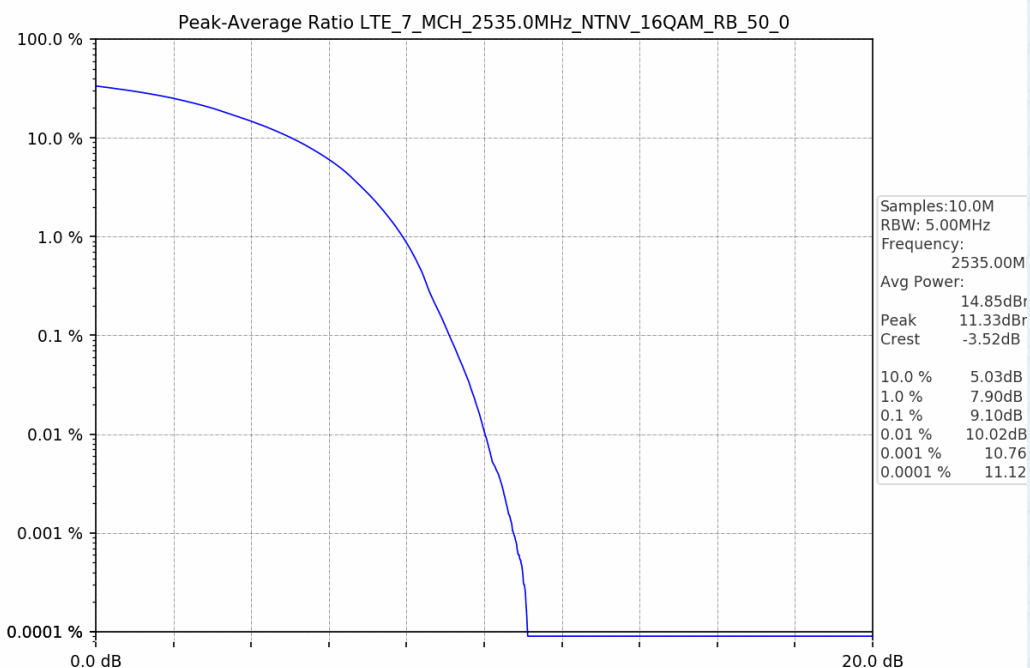
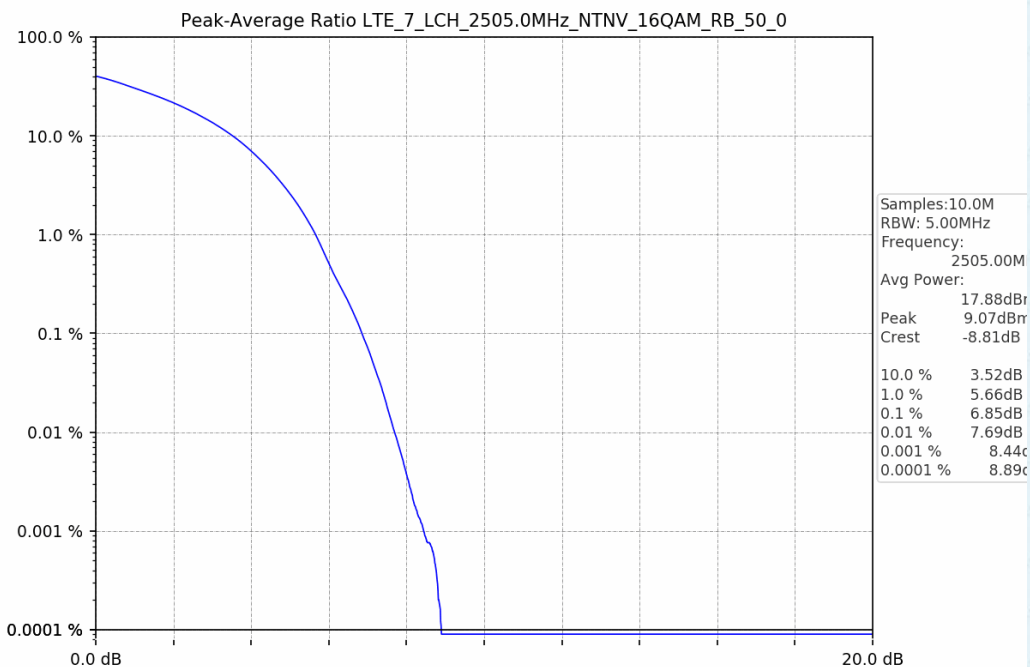


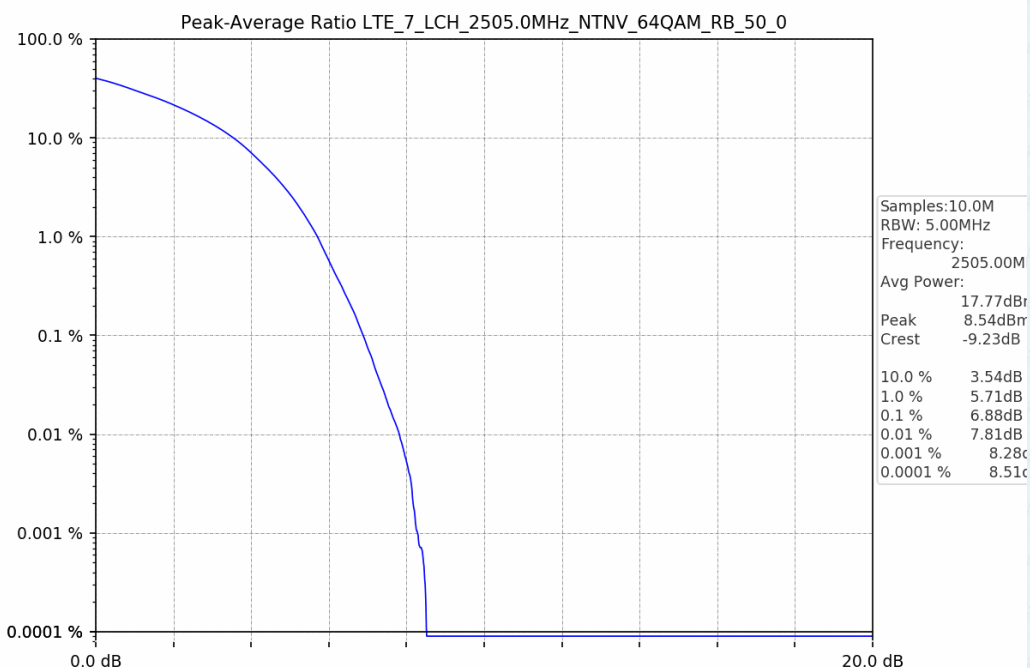
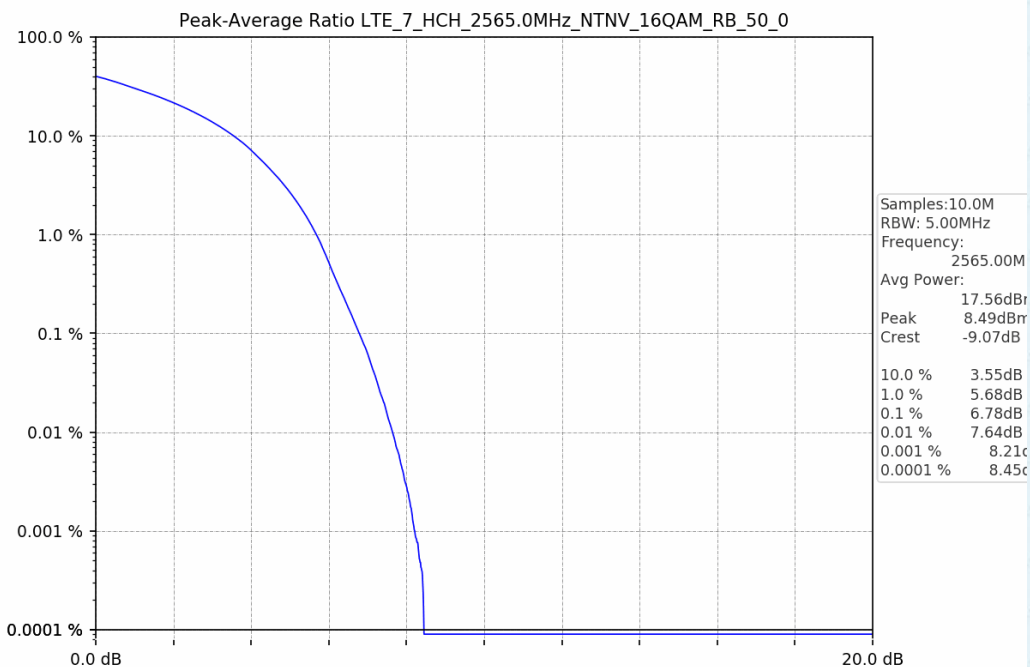


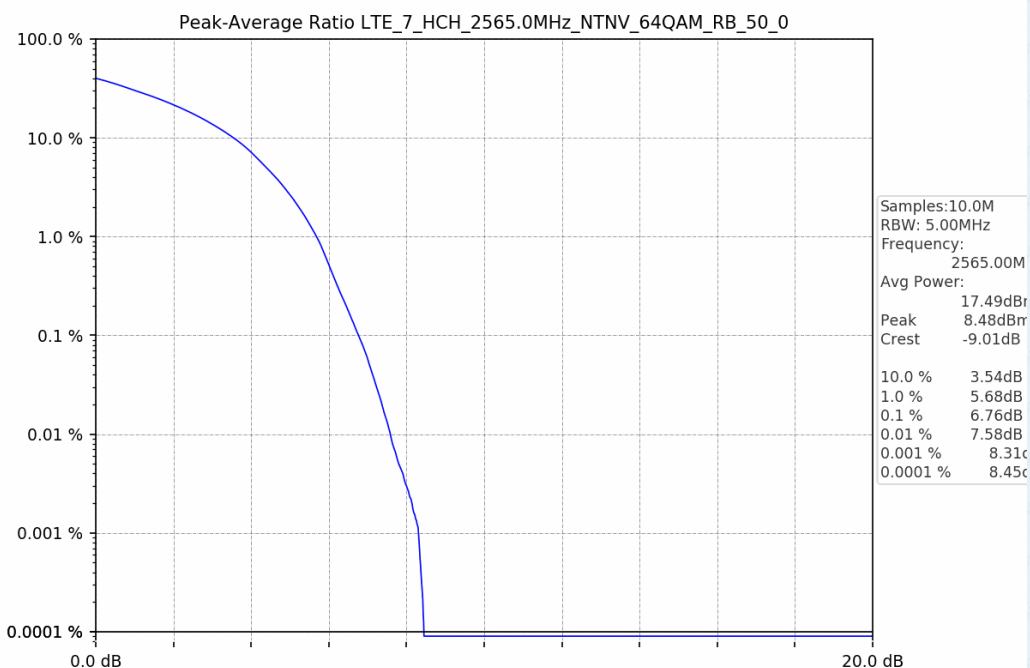
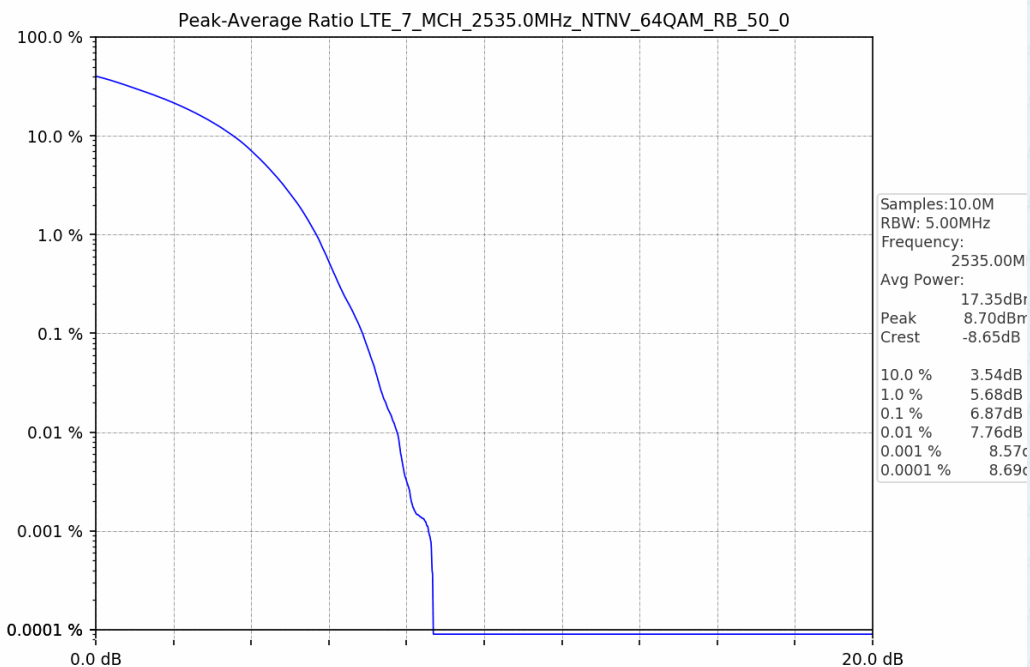


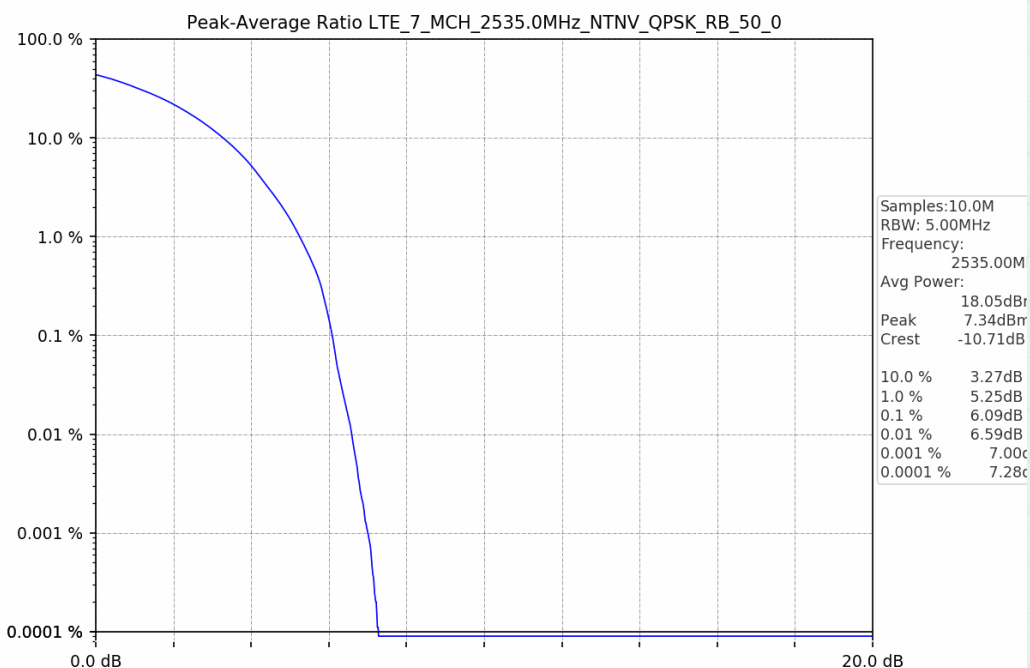
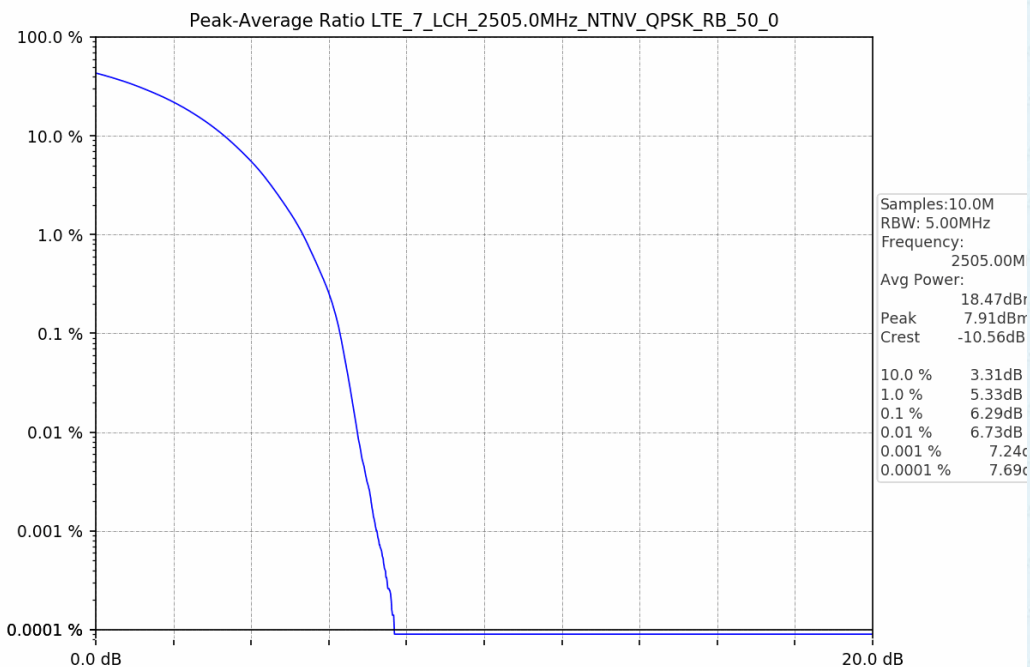
Test Band: 7_10MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	6.29	6.09	6.75	13	PASS
16QAM	50	0	6.85	9.10	6.78	13	PASS
64QAM	50	0	6.88	6.87	6.76	13	PASS

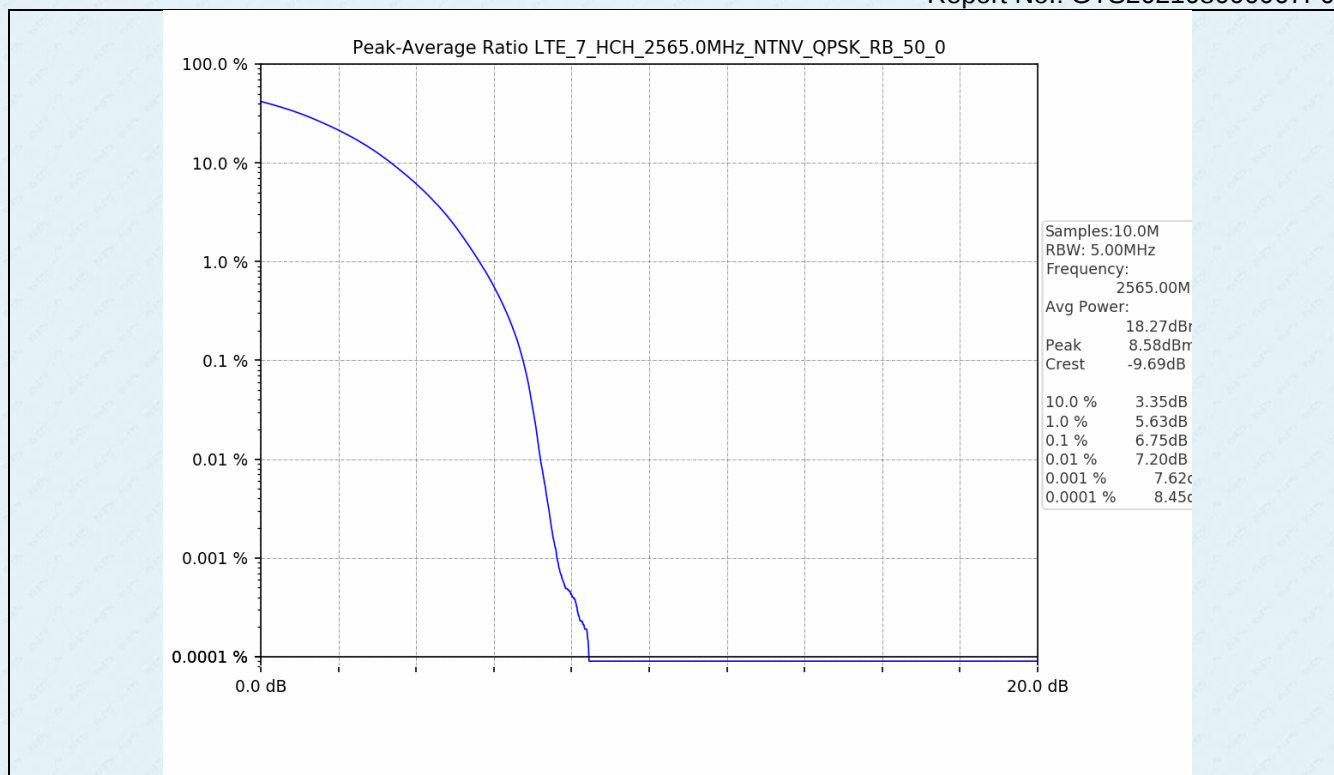
4.2 Test Graph











Test Band: 7_15MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	6.68	6.76	7.05	13	PASS
16QAM	75	0	7.31	7.28	7.29	13	PASS
64QAM	75	0	7.28	7.26	7.29	13	PASS

4.2 Test Graph

