

Appendix D: Test Data for LTE Band 2

Product Name: TT1001 10.1 inch Tablet

Test Model: TT1001V2

D1. Effective (Isotropic) Radiated Power Output Data

D1.1 Test Result

Test Band: 2 _ 1.4MHz 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	23.37	23.71	23.35	/	1.00	24.37	24.71	24.35	33.01	PASS	
		2	23.51	23.77	23.48	/	1.00	24.51	24.77	24.48	33.01	PASS	
		5	23.34	23.73	23.36	/	1.00	24.34	24.73	24.36	33.01	PASS	
	3	0	23.39	23.74	23.60	/	1.00	24.39	24.74	24.60	33.01	PASS	
		2	23.59	23.81	23.49	/	1.00	24.59	24.81	24.49	33.01	PASS	
		3	23.61	23.77	23.39	/	1.00	24.61	24.77	24.39	33.01	PASS	
	6	0	22.59	22.80	22.58	/	1.00	23.59	23.80	23.58	33.01	PASS	
	16QAM	1	0	22.25	23.04	22.44	/	1.00	23.25	24.04	23.44	33.01	PASS
			2	22.41	23.36	22.58	/	1.00	23.41	24.36	23.58	33.01	PASS
5			22.16	22.86	22.38	/	1.00	23.16	23.86	23.38	33.01	PASS	
3		0	22.34	22.68	22.29	/	1.00	23.34	23.68	23.29	33.01	PASS	
		2	22.35	22.75	22.19	/	1.00	23.35	23.75	23.19	33.01	PASS	
		3	22.33	22.43	22.17	/	1.00	23.33	23.43	23.17	33.01	PASS	
6		0	21.52	21.75	21.47	/	1.00	22.52	22.75	22.47	33.01	PASS	

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

Test Band: 2 _ 3MHz 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	23.31	23.93	23.60	/	1.00	24.31	24.93	24.60	33.01	PASS	
		7	23.37	23.80	23.44	/	1.00	24.37	24.80	24.44	33.01	PASS	
		14	23.40	23.55	23.23	/	1.00	24.40	24.55	24.23	33.01	PASS	
	8	0	22.38	22.83	22.52	/	1.00	23.38	23.83	23.52	33.01	PASS	
		4	22.31	22.77	22.44	/	1.00	23.31	23.77	23.44	33.01	PASS	
		7	22.21	22.70	22.34	/	1.00	23.21	23.70	23.34	33.01	PASS	
	15	0	22.28	22.74	22.41	/	1.00	23.28	23.74	23.41	33.01	PASS	
	16QAM	1	0	22.21	23.32	22.21	/	1.00	23.21	24.32	23.21	33.01	PASS
			7	22.00	23.42	22.28	/	1.00	23.00	24.42	23.28	33.01	PASS
14			21.87	23.04	22.06	/	1.00	22.87	24.04	23.06	33.01	PASS	
8		0	21.28	22.30	21.58	/	1.00	22.28	23.30	22.58	33.01	PASS	
		4	21.21	22.08	21.51	/	1.00	22.21	23.08	22.51	33.01	PASS	
		7	21.12	22.08	21.42	/	1.00	22.12	23.08	22.42	33.01	PASS	
15		0	21.19	21.85	21.63	/	1.00	22.19	22.85	22.63	33.01	PASS	

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

Test Band: 2_ 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	23.45	23.94	23.67	/	1.00	24.45	24.94	24.67	33.01	PASS	
		13	23.21	23.63	23.55	/	1.00	24.21	24.63	24.55	33.01	PASS	
		24	23.12	23.34	23.28	/	1.00	24.12	24.34	24.28	33.01	PASS	
	12	0	22.29	22.77	22.65	/	1.00	23.29	23.77	23.65	33.01	PASS	
		6	22.18	22.71	22.63	/	1.00	23.18	23.71	23.63	33.01	PASS	
		13	22.07	22.56	22.37	/	1.00	23.07	23.56	23.37	33.01	PASS	
	25	0	22.18	22.70	22.55	/	1.00	23.18	23.70	23.55	33.01	PASS	
	16QAM	1	0	22.37	23.09	22.60	/	1.00	23.37	24.09	23.60	33.01	PASS
			13	22.08	22.97	22.32	/	1.00	23.08	23.97	23.32	33.01	PASS
24			21.93	22.68	22.29	/	1.00	22.93	23.68	23.29	33.01	PASS	
12		0	21.17	21.75	21.73	/	1.00	22.17	22.75	22.73	33.01	PASS	
		6	21.02	21.80	21.73	/	1.00	22.02	22.80	22.73	33.01	PASS	
		13	20.96	21.60	21.47	/	1.00	21.96	22.60	22.47	33.01	PASS	
25		0	21.08	21.97	21.75	/	1.00	22.08	22.97	22.75	33.01	PASS	

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

Test Band: 2_ 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	23.26	24.10	23.67	/	1.00	24.26	25.10	24.67	33.01	PASS	
		25	23.13	24.09	23.75	/	1.00	24.13	25.09	24.75	33.01	PASS	
		49	22.79	23.41	22.59	/	1.00	23.79	24.41	23.59	33.01	PASS	
	25	0	22.08	22.92	22.98	/	1.00	23.08	23.92	23.98	33.01	PASS	
		13	22.00	22.81	22.82	/	1.00	23.00	23.81	23.82	33.01	PASS	
		25	21.77	22.44	22.67	/	1.00	22.77	23.44	23.67	33.01	PASS	
	50	0	21.87	22.68	22.67	/	1.00	22.87	23.68	23.67	33.01	PASS	
	16QAM	1	0	22.31	23.47	22.38	/	1.00	23.31	24.47	23.38	33.01	PASS
			25	21.94	23.55	22.55	/	1.00	22.94	24.55	23.55	33.01	PASS
49			21.61	22.67	21.94	/	1.00	22.61	23.67	22.94	33.01	PASS	
25		0	21.31	21.97	21.77	/	1.00	22.31	22.97	22.77	33.01	PASS	
		13	21.17	21.84	21.71	/	1.00	22.17	22.84	22.71	33.01	PASS	
		25	20.90	21.56	21.63	/	1.00	21.90	22.56	22.63	33.01	PASS	
50		0	21.08	21.74	21.71	/	1.00	22.08	22.74	22.71	33.01	PASS	

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

Test Band: 2_ 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	23.15	24.05	23.33	/	1.00	24.15	25.05	24.33	33.01	PASS	
		38	22.63	23.88	23.74	/	1.00	23.63	24.88	24.74	33.01	PASS	
		74	23.09	22.81	22.58	/	1.00	24.09	23.81	23.58	33.01	PASS	
	36	0	21.95	23.02	22.65	/	1.00	22.95	24.02	23.65	33.01	PASS	
		18	21.79	22.78	22.75	/	1.00	22.79	23.78	23.75	33.01	PASS	
		39	21.76	22.28	22.67	/	1.00	22.76	23.28	23.67	33.01	PASS	
	75	0	21.83	22.58	22.77	/	1.00	22.83	23.58	23.77	33.01	PASS	
	16QAM	1	0	22.39	22.34	22.17	/	1.00	23.39	23.34	23.17	33.01	PASS
			38	21.65	22.66	22.57	/	1.00	22.65	23.66	23.57	33.01	PASS
74			22.13	21.88	21.89	/	1.00	23.13	22.88	22.89	33.01	PASS	
36		0	20.96	21.83	21.59	/	1.00	21.96	22.83	22.59	33.01	PASS	
		18	20.96	21.62	21.71	/	1.00	21.96	22.62	22.71	33.01	PASS	

		39	21.04	21.11	21.66	/	1.00	22.04	22.11	22.66	33.01	PASS
	75	0	21.06	21.61	21.71	/	1.00	22.06	22.61	22.71	33.01	PASS
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

Test Band: 2_ 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	22.92	24.01	22.78	/	1.00	23.92	25.01	23.78	33.01	PASS
		50	23.59	23.96	23.78	/	1.00	24.59	24.96	24.78	33.01	PASS
		99	23.73	22.79	22.52	/	1.00	24.73	23.79	23.52	33.01	PASS
	50	0	21.76	23.03	22.34	/	1.00	22.76	24.03	23.34	33.01	PASS
		25	21.92	22.86	22.71	/	1.00	22.92	23.86	23.71	33.01	PASS
		50	22.20	22.22	22.73	/	1.00	23.20	23.22	23.73	33.01	PASS
16QAM	100	0	21.96	22.64	22.65	/	1.00	22.96	23.64	23.65	33.01	PASS
			22.11	22.84	22.11	/	1.00	23.11	23.84	23.11	33.01	PASS
			22.97	22.64	23.22	/	1.00	23.97	23.64	24.22	33.01	PASS
	1	50	23.17	21.55	21.79	/	1.00	24.17	22.55	22.79	33.01	PASS
		99	23.17	21.55	21.79	/	1.00	24.17	22.55	22.79	33.01	PASS
			0	20.69	22.19	21.50	/	1.00	21.69	23.19	22.50	33.01
	50	25	20.95	21.84	21.80	/	1.00	21.95	22.84	22.80	33.01	PASS
		50	21.14	21.28	21.79	/	1.00	22.14	22.28	22.79	33.01	PASS
		100	0	21.08	21.78	21.58	/	1.00	22.08	22.78	22.58	33.01
Note: 1) dBd = dBi - 2.15 2) EIRP = Conducted output power + Antenna gain (dBi)												

D2. Frequency stability

D2.1 Test Result

Test Band: 2 _ 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	-1.8168	-2.9469	-0.3147	-0.0010	-0.0016	-0.0002	2.50	PASS
				NV	-3.8481	-4.8494	-1.9169	-0.0021	-0.0026	-0.0010	2.50	PASS
				HV	-3.0041	-5.6505	-0.6580	-0.0016	-0.0030	-0.0003	2.50	PASS
16QAM	6	0	NT	LV	-0.6580	-1.7595	1.1730	-0.0004	-0.0009	0.0006	2.50	PASS
				NV	-0.9298	-2.7323	0.2003	-0.0005	-0.0015	0.0001	2.50	PASS
				HV	-1.4448	-2.8038	0.2146	-0.0008	-0.0015	0.0001	2.50	PASS

Test Band: 2 _ 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	-3.0470	-1.4448	-1.6022	-0.0016	-0.0008	-0.0008	2.50	PASS
				-20.00	-2.9469	-3.9053	-1.0443	-0.0016	-0.0021	-0.0005	2.50	PASS
				-10.00	-2.5606	-5.3787	-1.8168	-0.0014	-0.0029	-0.0010	2.50	PASS
				0.00	-2.5320	-4.9639	-1.4877	-0.0014	-0.0026	-0.0008	2.50	PASS
				10.00	-2.3890	-2.9612	-1.4162	-0.0013	-0.0016	-0.0007	2.50	PASS
				20.00	-0.7153	-5.2500	-0.7439	-0.0004	-0.0028	-0.0004	2.50	PASS
				30.00	-1.1158	-3.5906	-2.3890	-0.0006	-0.0019	-0.0013	2.50	PASS
				40.00	-1.1730	-4.1342	-0.7296	-0.0006	-0.0022	-0.0004	2.50	PASS
16QAM	6	0	NV	50.00	-1.4591	-4.5347	-0.0858	-0.0008	-0.0024	0.0000	2.50	PASS
				-30.00	-1.6737	-2.7180	0.7296	-0.0009	-0.0014	0.0004	2.50	PASS
				-20.00	-2.2745	-3.7766	-1.4448	-0.0012	-0.0020	-0.0008	2.50	PASS
				-10.00	-2.6751	-1.5736	-1.4162	-0.0014	-0.0008	-0.0007	2.50	PASS
				0.00	-2.5320	-4.1485	-0.6151	-0.0014	-0.0022	-0.0003	2.50	PASS
				10.00	-1.8168	-1.4162	-1.4305	-0.0010	-0.0008	-0.0007	2.50	PASS
				20.00	-2.5177	-3.2473	-1.2588	-0.0014	-0.0017	-0.0007	2.50	PASS
				30.00	-1.8740	-2.6894	-0.1860	-0.0010	-0.0014	-0.0001	2.50	PASS
16QAM	6	0	NV	40.00	-2.9898	-3.2330	-1.4019	-0.0016	-0.0017	-0.0007	2.50	PASS
				50.00	-2.3174	-4.1342	-0.9441	-0.0013	-0.0022	-0.0005	2.50	PASS

Test Band: 2 _ 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	-3.2043	-3.0184	-1.3018	-0.0017	-0.0016	-0.0007	2.50	PASS
				NV	-2.3031	-2.2745	0.8011	-0.0012	-0.0012	0.0004	2.50	PASS
				HV	-2.5892	-3.2043	-0.3719	-0.0014	-0.0017	-0.0002	2.50	PASS
16QAM	15	0	NT	LV	-2.2602	-1.7595	-0.5436	-0.0012	-0.0009	-0.0003	2.50	PASS
				NV	-2.6035	-4.5204	1.4305	-0.0014	-0.0024	0.0007	2.50	PASS
				HV	-3.4618	-4.0197	1.7452	-0.0019	-0.0021	0.0009	2.50	PASS

Test Band: 2 _ 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	-2.0885	-1.1444	1.4448	-0.0011	-0.0006	0.0008	2.50	PASS
				-20.00	-1.9598	-2.6035	0.5007	-0.0011	-0.0014	0.0003	2.50	PASS
				-10.00	-3.3331	-5.0354	-0.5579	-0.0018	-0.0027	-0.0003	2.50	PASS

16QAM	15	0	NV	0.00	-3.6478	-3.5906	1.0300	-0.0020	-0.0019	0.0005	2.50	PASS
				10.00	-3.5191	-4.5204	0.0143	-0.0019	-0.0024	0.0000	2.50	PASS
				20.00	-1.8024	-2.2602	-0.8726	-0.0010	-0.0012	-0.0005	2.50	PASS
				30.00	-4.2486	-4.4203	2.3460	-0.0023	-0.0024	0.0012	2.50	PASS
				40.00	-2.9325	-1.3018	1.5163	-0.0016	-0.0007	0.0008	2.50	PASS
				50.00	-3.1471	-2.3031	0.2861	-0.0017	-0.0012	0.0001	2.50	PASS
				-30.00	-3.2759	-3.8481	-0.5579	-0.0018	-0.0020	-0.0003	2.50	PASS
				-20.00	-2.8467	-2.2745	-1.3733	-0.0015	-0.0012	-0.0007	2.50	PASS
				-10.00	-0.7153	-3.6335	0.7868	-0.0004	-0.0019	0.0004	2.50	PASS
				0.00	-2.3746	-4.9496	-0.5722	-0.0013	-0.0026	-0.0003	2.50	PASS
				10.00	-2.6035	-3.0756	0.1717	-0.0014	-0.0016	0.0001	2.50	PASS
				20.00	-1.7309	-2.1458	-0.3719	-0.0009	-0.0011	-0.0002	2.50	PASS
				30.00	-1.5020	-5.7364	0.1574	-0.0008	-0.0031	0.0001	2.50	PASS
				40.00	-2.7609	-3.1900	0.0572	-0.0015	-0.0017	0.0000	2.50	PASS
50.00	-2.9612	-2.9612	1.1444	-0.0016	-0.0016	0.0006	2.50	PASS				

Test Band: 2_ 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	-2.0456	-3.5048	-1.0300	-0.0011	-0.0019	-0.0005	2.50	PASS
				NV	-1.9312	-4.6921	-0.6294	-0.0010	-0.0025	-0.0003	2.50	PASS
				HV	-2.5177	-1.8024	-0.3576	-0.0014	-0.0010	-0.0002	2.50	PASS
16QAM	25	0	NT	LV	-2.2602	-3.8481	-0.2289	-0.0012	-0.0020	-0.0001	2.50	PASS
				NV	-1.8597	-4.7636	0.2575	-0.0010	-0.0025	0.0001	2.50	PASS
				HV	-1.0014	-2.8181	0.9298	-0.0005	-0.0015	0.0005	2.50	PASS

Test Band: 2_ 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	0.3290	-4.5919	0.2289	0.0002	-0.0024	0.0001	2.50	PASS
				-20.00	-1.3876	-1.8740	0.9298	-0.0007	-0.0010	0.0005	2.50	PASS
				-10.00	-1.0300	-2.6894	-0.8297	-0.0006	-0.0014	-0.0004	2.50	PASS
				0.00	-2.3890	-2.6321	0.9727	-0.0013	-0.0014	0.0005	2.50	PASS
				10.00	-1.6594	-1.9169	-1.8597	-0.0009	-0.0010	-0.0010	2.50	PASS
				20.00	-2.5606	-3.0756	-0.5579	-0.0014	-0.0016	-0.0003	2.50	PASS
				30.00	-1.8454	-3.8052	0.5293	-0.0010	-0.0020	0.0003	2.50	PASS
				40.00	-3.4475	-3.5763	-1.7023	-0.0019	-0.0019	-0.0009	2.50	PASS
16QAM	25	0	NV	50.00	-0.5150	-3.5620	-1.0586	-0.0003	-0.0019	-0.0006	2.50	PASS
				-30.00	-2.3603	-3.0470	-0.7725	-0.0013	-0.0016	-0.0004	2.50	PASS
				-20.00	-1.3018	-3.8481	0.8869	-0.0007	-0.0020	0.0005	2.50	PASS
				-10.00	-1.2445	-4.3774	0.5007	-0.0007	-0.0023	0.0003	2.50	PASS
				0.00	-1.2445	-2.2173	1.1301	-0.0007	-0.0012	0.0006	2.50	PASS
				10.00	-3.3760	-2.4605	0.7439	-0.0018	-0.0013	0.0004	2.50	PASS
				20.00	-2.1744	-4.1771	-0.4578	-0.0012	-0.0022	-0.0002	2.50	PASS
				30.00	-1.5306	-5.5218	-0.0286	-0.0008	-0.0029	0.0000	2.50	PASS
16QAM	25	0	NV	40.00	-1.6594	-3.3045	1.4162	-0.0009	-0.0018	0.0007	2.50	PASS
				50.00	-2.2030	-1.5306	-1.0014	-0.0012	-0.0008	-0.0005	2.50	PASS

Test Band: 2_ 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	-1.7595	-2.5320	0.0143	-0.0009	-0.0013	0.0000	2.50	PASS
				NV	-4.5633	-2.5177	0.0858	-0.0025	-0.0013	0.0000	2.50	PASS
				HV	-2.9325	-4.1914	0.2575	-0.0016	-0.0022	0.0001	2.50	PASS
16QAM	50	0	NT	LV	-2.2745	-1.9884	-0.6151	-0.0012	-0.0011	-0.0003	2.50	PASS

			NV	-2.8896	-4.8065	-0.6580	-0.0016	-0.0026	-0.0003	2.50	PASS
			HV	-1.8883	-4.6778	0.1860	-0.0010	-0.0025	0.0001	2.50	PASS

Test Band: 2 _ 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	-3.6764	-3.4761	0.2718	-0.0020	-0.0018	0.0001	2.50	PASS
				-20.00	-4.3058	-5.1785	-0.0572	-0.0023	-0.0028	0.0000	2.50	PASS
				-10.00	-2.3603	-3.3903	0.7725	-0.0013	-0.0018	0.0004	2.50	PASS
				0.00	-2.5749	-4.4632	0.6580	-0.0014	-0.0024	0.0003	2.50	PASS
				10.00	-2.5749	-2.9182	-0.5579	-0.0014	-0.0016	-0.0003	2.50	PASS
				20.00	-5.3358	-2.7323	-0.8011	-0.0029	-0.0015	-0.0004	2.50	PASS
				30.00	-2.6178	-2.3746	0.1717	-0.0014	-0.0013	0.0001	2.50	PASS
				40.00	-3.1757	-3.0327	-0.7296	-0.0017	-0.0016	-0.0004	2.50	PASS
16QAM	50	0	NV	50.00	-3.7050	-3.8338	-1.1015	-0.0020	-0.0020	-0.0006	2.50	PASS
				-30.00	-3.2043	-2.4176	0.8726	-0.0017	-0.0013	0.0005	2.50	PASS
				-20.00	-2.1744	-2.5606	-1.9741	-0.0012	-0.0014	-0.0010	2.50	PASS
				-10.00	-3.1042	-4.3488	-1.2016	-0.0017	-0.0023	-0.0006	2.50	PASS
				0.00	-2.7466	-2.7180	0.0143	-0.0015	-0.0014	0.0000	2.50	PASS
				10.00	-3.4761	-2.2888	0.7153	-0.0019	-0.0012	0.0004	2.50	PASS
				20.00	-2.5892	-3.1328	-0.7010	-0.0014	-0.0017	-0.0004	2.50	PASS
				30.00	-2.8467	-3.5906	0.1001	-0.0015	-0.0019	0.0001	2.50	PASS
16QAM	50	0	NV	40.00	-3.9196	-3.3617	0.5293	-0.0021	-0.0018	0.0003	2.50	PASS
				50.00	-2.8038	-2.3460	-0.2432	-0.0015	-0.0012	-0.0001	2.50	PASS

Test Band: 2 _ 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	-4.3201	-4.3917	-4.5776	-0.0023	-0.0023	-0.0024	2.50	PASS
				NV	-4.0913	-2.9182	-2.5892	-0.0022	-0.0016	-0.0014	2.50	PASS
				HV	-3.8195	-1.3876	-4.1628	-0.0021	-0.0007	-0.0022	2.50	PASS
16QAM	75	0	NT	LV	-4.8494	-4.5633	-4.5347	-0.0026	-0.0024	-0.0024	2.50	PASS
				NV	-3.5191	-4.3631	-4.0054	-0.0019	-0.0023	-0.0021	2.50	PASS
				HV	-3.6478	-2.9898	-3.7193	-0.0020	-0.0016	-0.0020	2.50	PASS

Test Band: 2 _ 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	-4.0770	-2.1887	-3.6335	-0.0022	-0.0012	-0.0019	2.50	PASS
				-20.00	-3.5906	-4.5061	-3.2187	-0.0019	-0.0024	-0.0017	2.50	PASS
				-10.00	-3.4618	-2.3317	-2.4605	-0.0019	-0.0012	-0.0013	2.50	PASS
				0.00	-3.6335	-2.8038	-2.8324	-0.0020	-0.0015	-0.0015	2.50	PASS
				10.00	-3.2187	-4.6635	-2.8753	-0.0017	-0.0025	-0.0015	2.50	PASS
				20.00	-2.7609	-4.7493	-4.1914	-0.0015	-0.0025	-0.0022	2.50	PASS
				30.00	-2.8467	-4.8351	-3.2473	-0.0015	-0.0026	-0.0017	2.50	PASS
				40.00	-3.1614	-4.0770	-2.4176	-0.0017	-0.0022	-0.0013	2.50	PASS
16QAM	75	0	NV	50.00	-3.0327	-4.8351	-3.5048	-0.0016	-0.0026	-0.0018	2.50	PASS
				-30.00	-3.9053	-3.9911	-3.9053	-0.0021	-0.0021	-0.0021	2.50	PASS
				-20.00	-3.6478	-5.0068	-3.6049	-0.0020	-0.0027	-0.0019	2.50	PASS
				-10.00	-4.1914	-3.3617	-3.9625	-0.0023	-0.0018	-0.0021	2.50	PASS
				0.00	-4.0913	-4.0054	-3.9625	-0.0022	-0.0021	-0.0021	2.50	PASS
				10.00	-3.7622	-4.2629	-4.4203	-0.0020	-0.0023	-0.0023	2.50	PASS
				20.00	-2.7752	-3.3045	-3.7909	-0.0015	-0.0018	-0.0020	2.50	PASS
				30.00	-4.5776	-3.5763	-4.2915	-0.0025	-0.0019	-0.0023	2.50	PASS
16QAM	75	0	NV	40.00	-4.4203	-3.9339	-5.2357	-0.0024	-0.0021	-0.0028	2.50	PASS

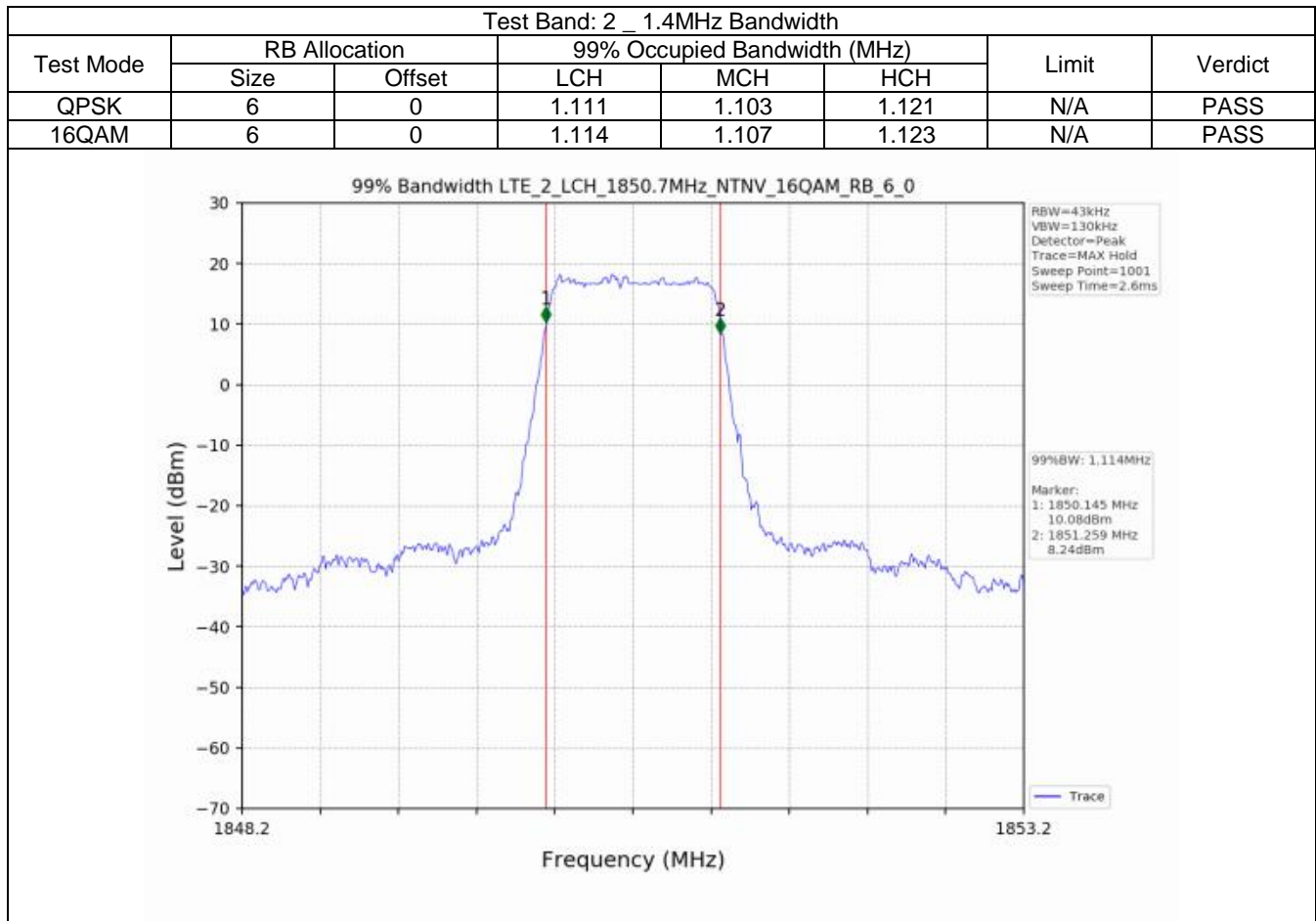
				50.00	-3.4904	-2.5320	-2.6751	-0.0019	-0.0013	-0.0014	2.50	PASS
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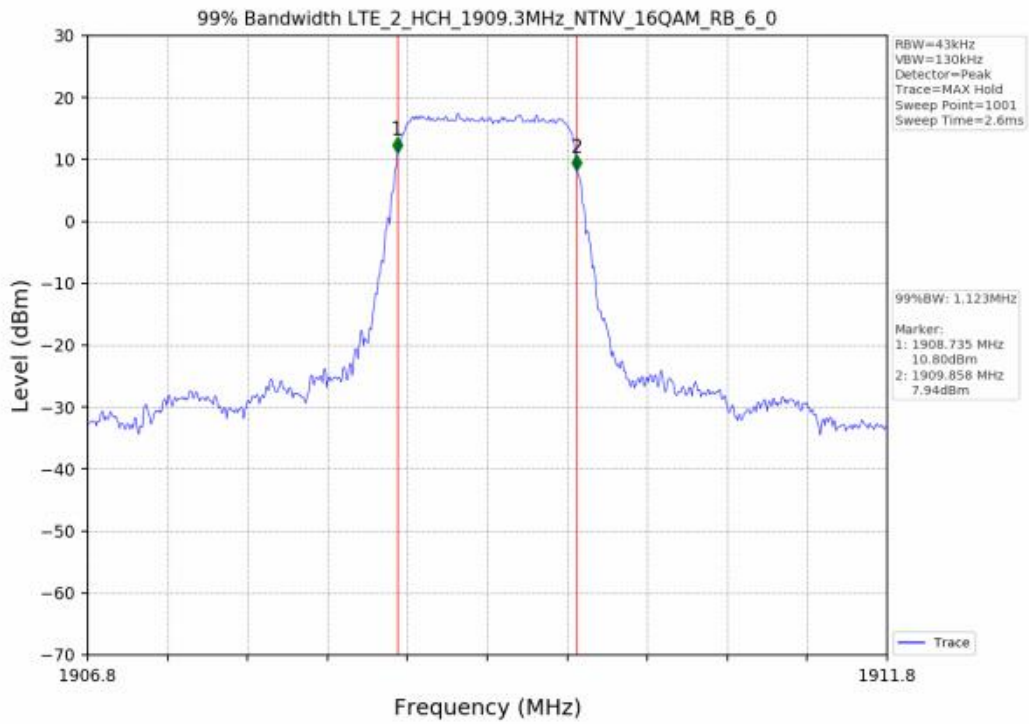
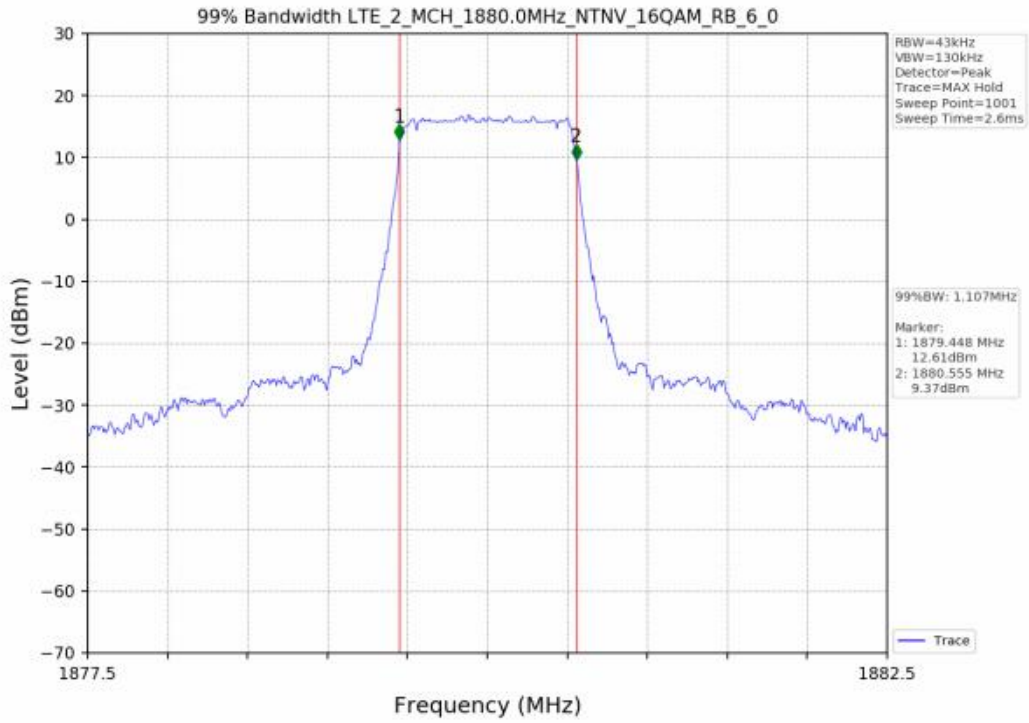
Test Band: 2_ 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	0.9298	-2.8181	-2.7466	0.0005	-0.0015	-0.0014	2.50	PASS
				NV	0.3576	-0.9155	-2.5320	0.0002	-0.0005	-0.0013	2.50	PASS
				HV	1.5736	-2.3174	-3.7050	0.0008	-0.0012	-0.0020	2.50	PASS
16QAM	100	0	NT	LV	-0.3290	-4.5919	-3.8338	-0.0002	-0.0024	-0.0020	2.50	PASS
				NV	1.6308	-2.4748	-2.8610	0.0009	-0.0013	-0.0015	2.50	PASS
				HV	-0.3290	-3.8052	-1.5020	-0.0002	-0.0020	-0.0008	2.50	PASS

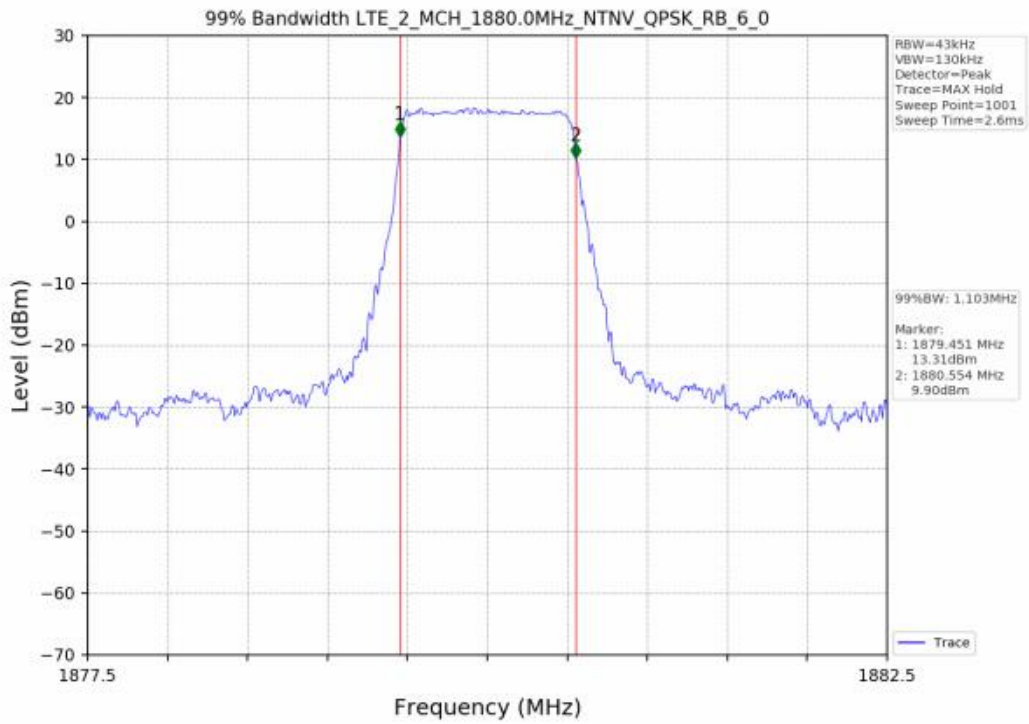
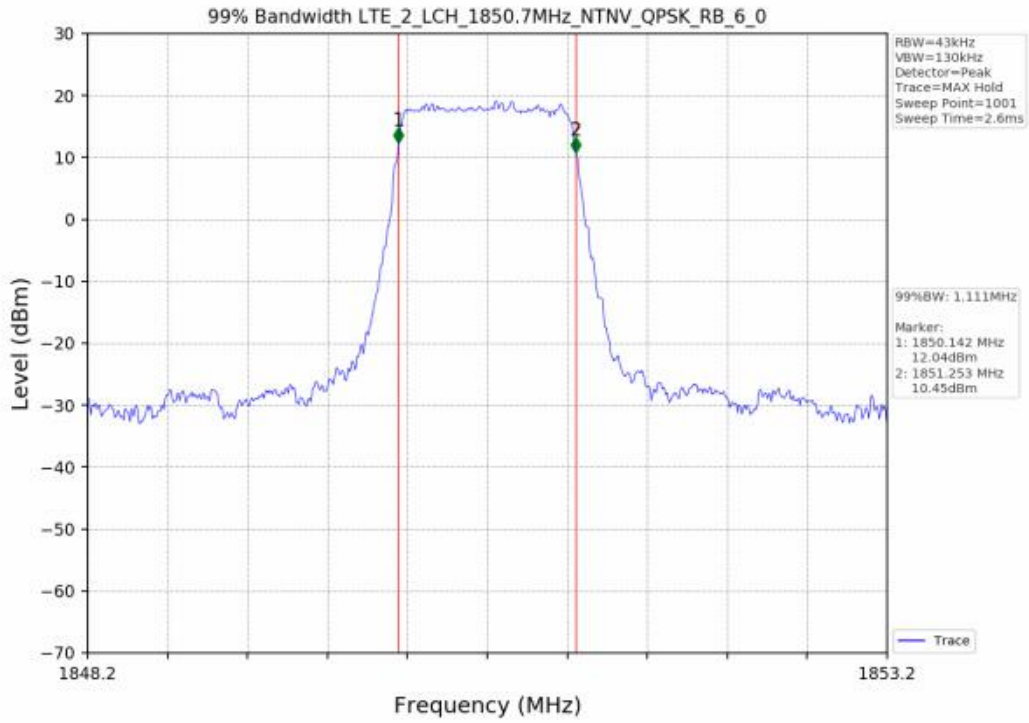
Test Band: 2_ 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	-0.8726	-3.2759	-2.2459	-0.0005	-0.0017	-0.0012	2.50	PASS
				-20.00	1.0443	-3.1185	-3.0756	0.0006	-0.0017	-0.0016	2.50	PASS
				-10.00	2.7466	-3.8052	-2.0170	0.0015	-0.0020	-0.0011	2.50	PASS
				0.00	-0.2289	-3.4904	-1.9169	-0.0001	-0.0019	-0.0010	2.50	PASS
				10.00	-0.0429	-3.6907	-3.1185	0.0000	-0.0020	-0.0016	2.50	PASS
				20.00	-0.8154	-3.8910	-2.6321	-0.0004	-0.0021	-0.0014	2.50	PASS
				30.00	0.9727	-5.9938	-3.8052	0.0005	-0.0032	-0.0020	2.50	PASS
				40.00	0.7439	-4.3058	-2.9612	0.0004	-0.0023	-0.0016	2.50	PASS
16QAM	100	0	NV	50.00	-1.1730	-3.4046	-2.2745	-0.0006	-0.0018	-0.0012	2.50	PASS
				-30.00	0.5293	-1.6737	-3.4761	0.0003	-0.0009	-0.0018	2.50	PASS
				-20.00	1.8168	-2.9325	-1.3018	0.0010	-0.0016	-0.0007	2.50	PASS
				-10.00	0.7439	-0.9871	-2.4605	0.0004	-0.0005	-0.0013	2.50	PASS
				0.00	-0.2861	-3.4189	-2.5606	-0.0002	-0.0018	-0.0013	2.50	PASS
				10.00	1.5306	-3.1614	-2.4462	0.0008	-0.0017	-0.0013	2.50	PASS
				20.00	1.4448	-3.3045	-3.1328	0.0008	-0.0018	-0.0016	2.50	PASS
				30.00	-0.8297	-4.1485	-1.4162	-0.0004	-0.0022	-0.0007	2.50	PASS
16QAM	100	0	NV	40.00	-1.2016	-4.8780	-2.7752	-0.0006	-0.0026	-0.0015	2.50	PASS
				50.00	-0.1144	-5.7077	-1.5736	-0.0001	-0.0030	-0.0008	2.50	PASS

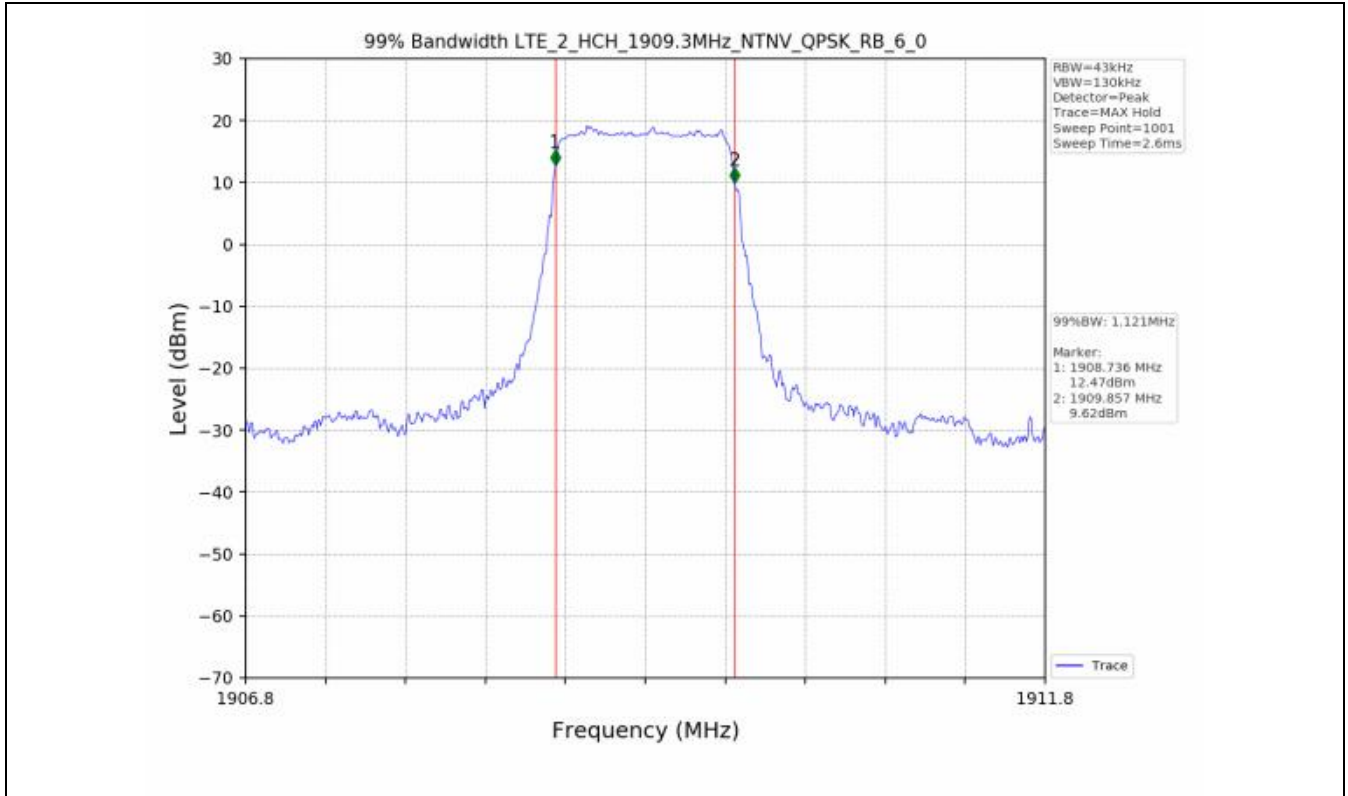
D3. 99% & 26dB Bandwidth

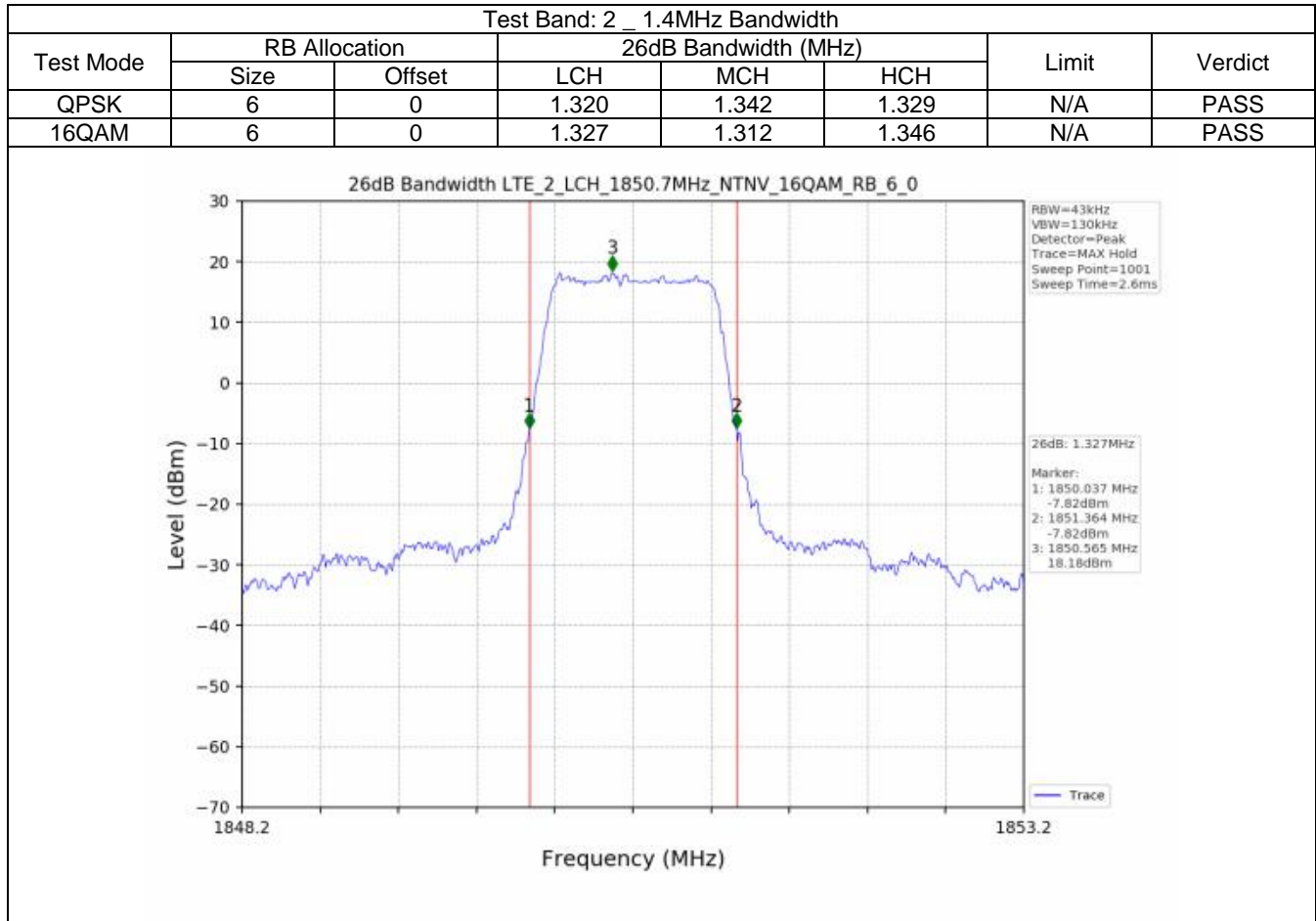
D3.1 Test Result

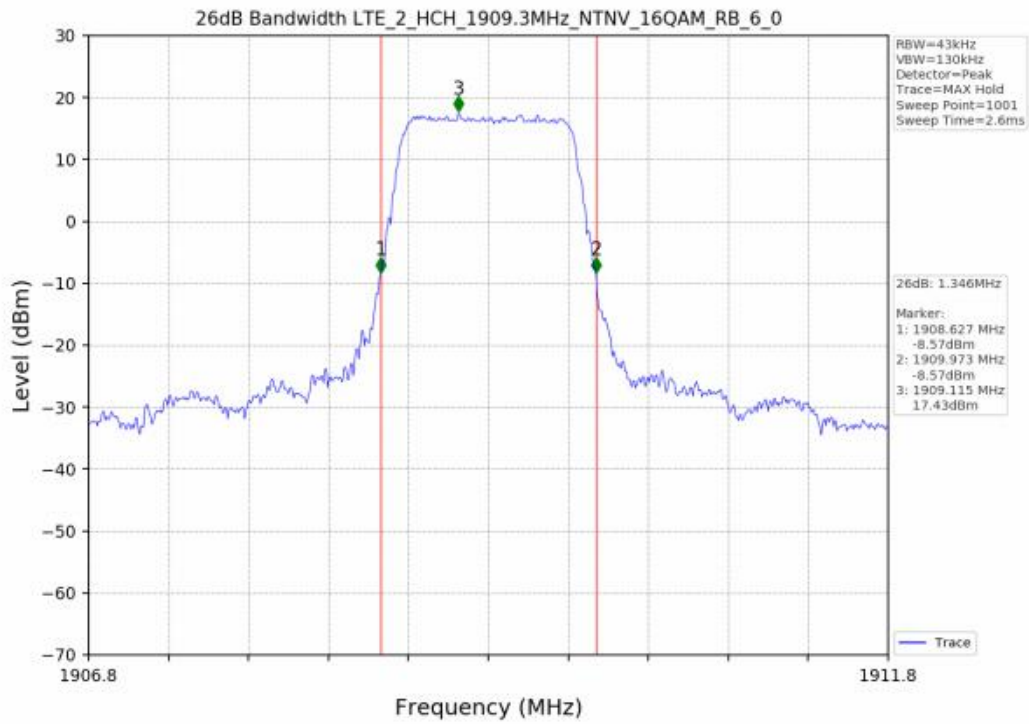
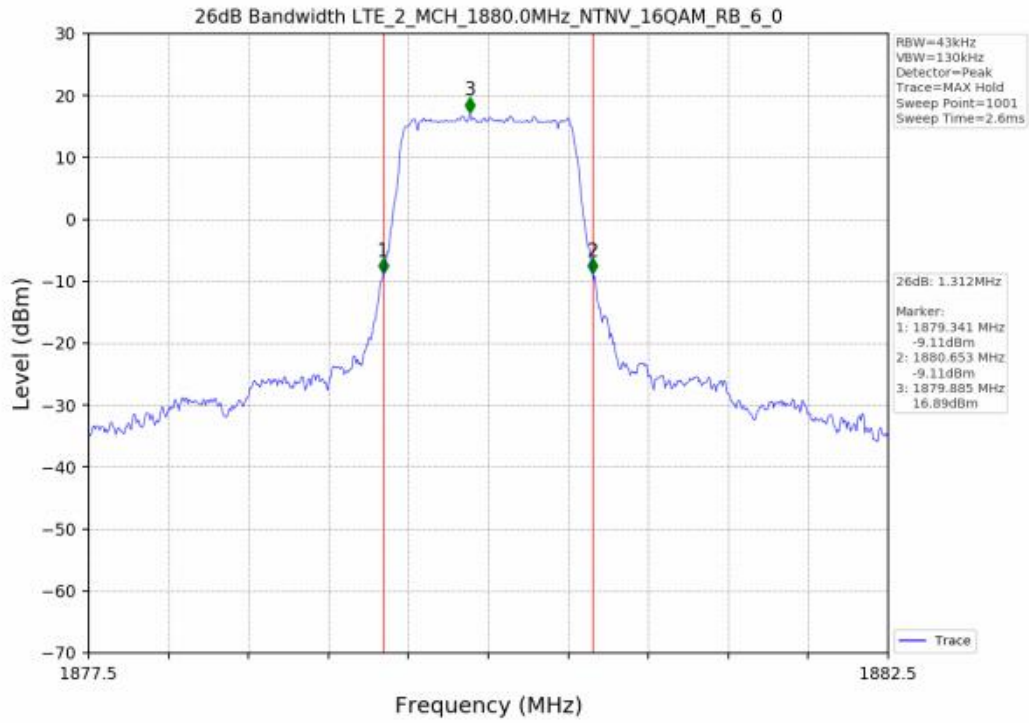


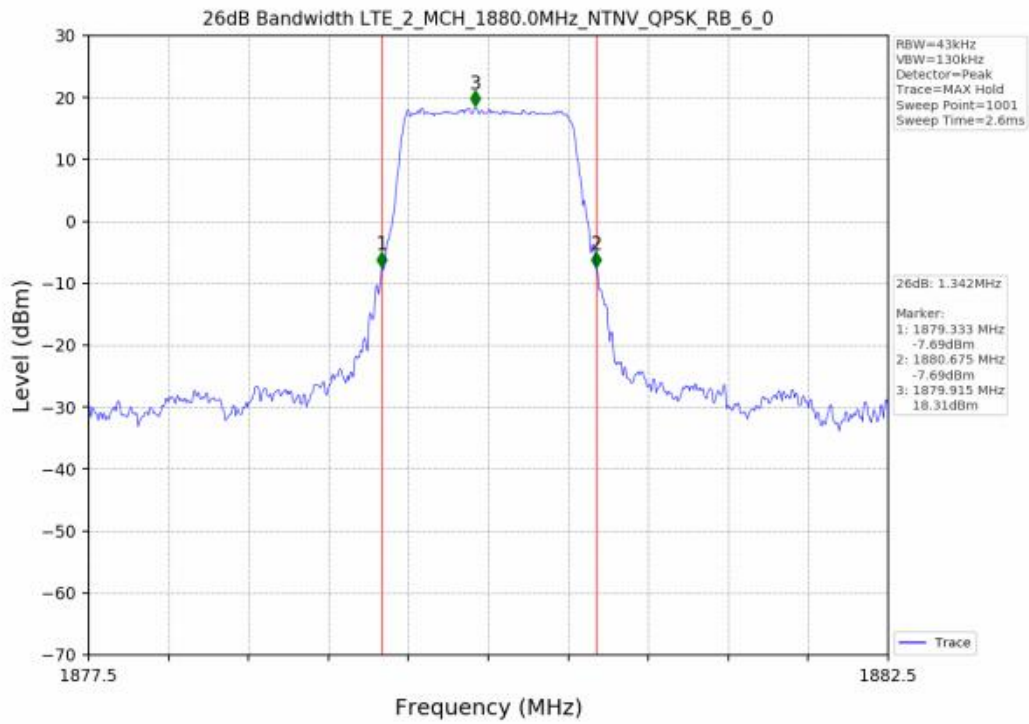
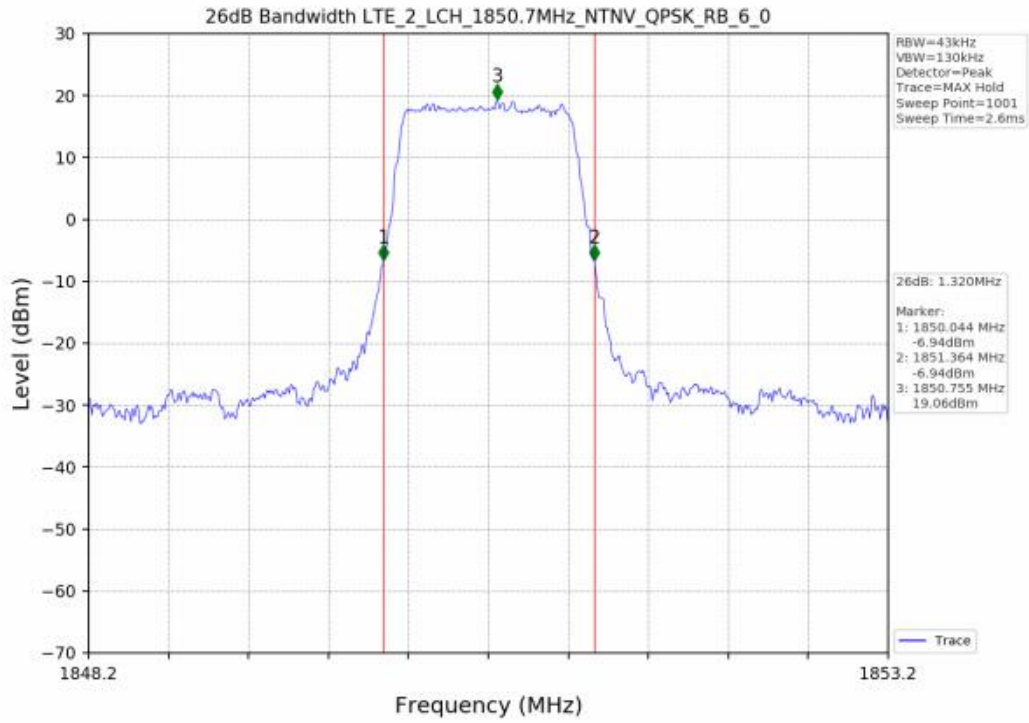


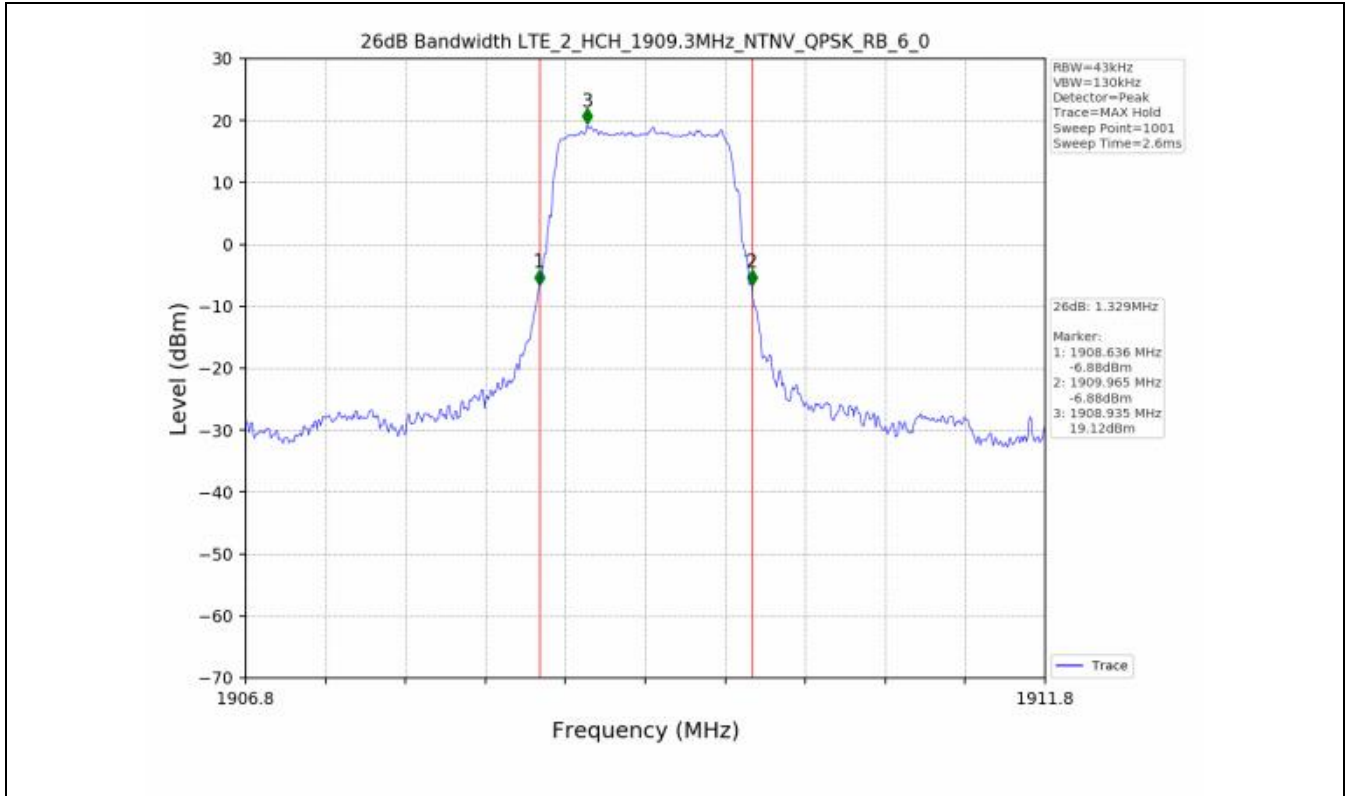


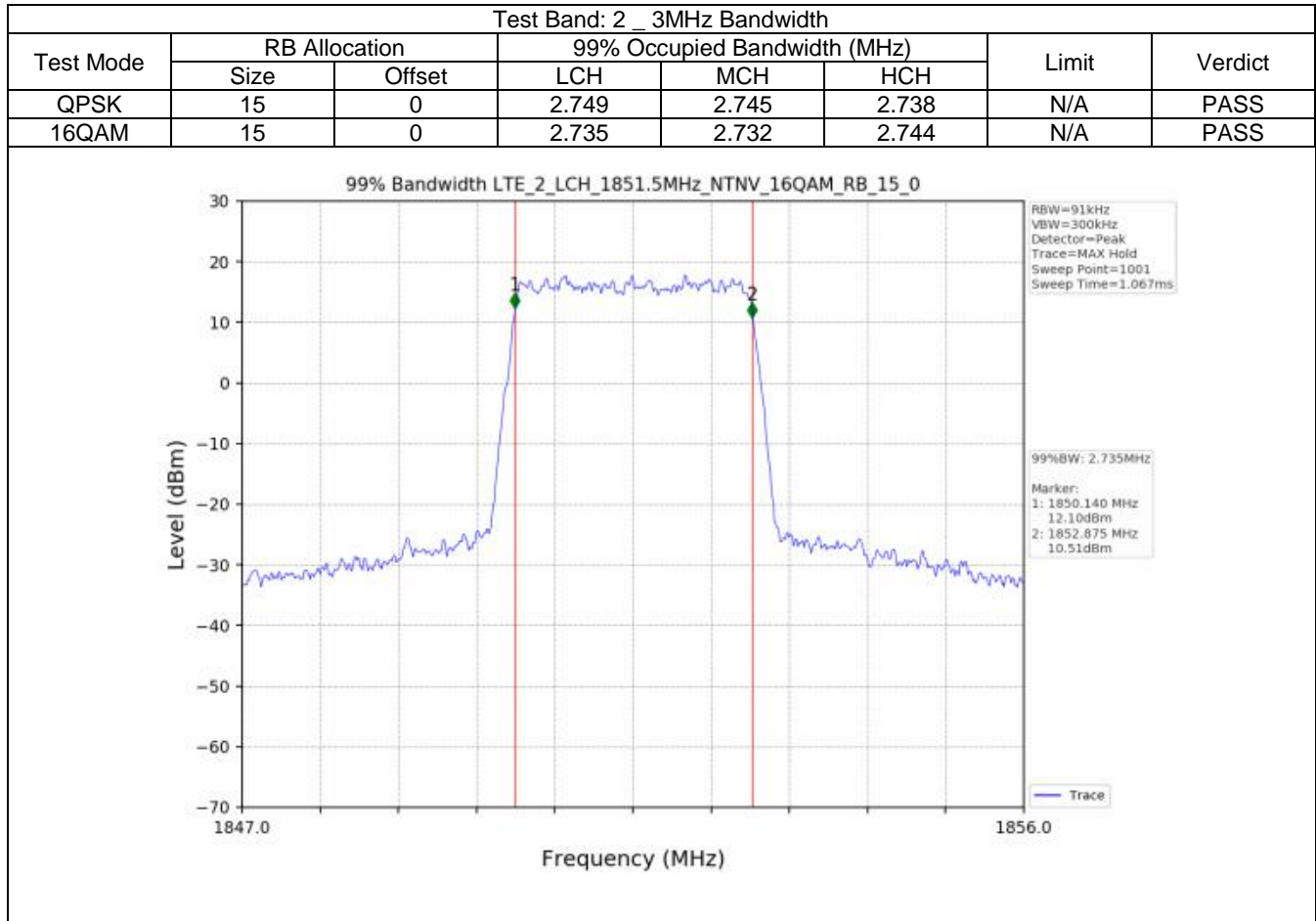


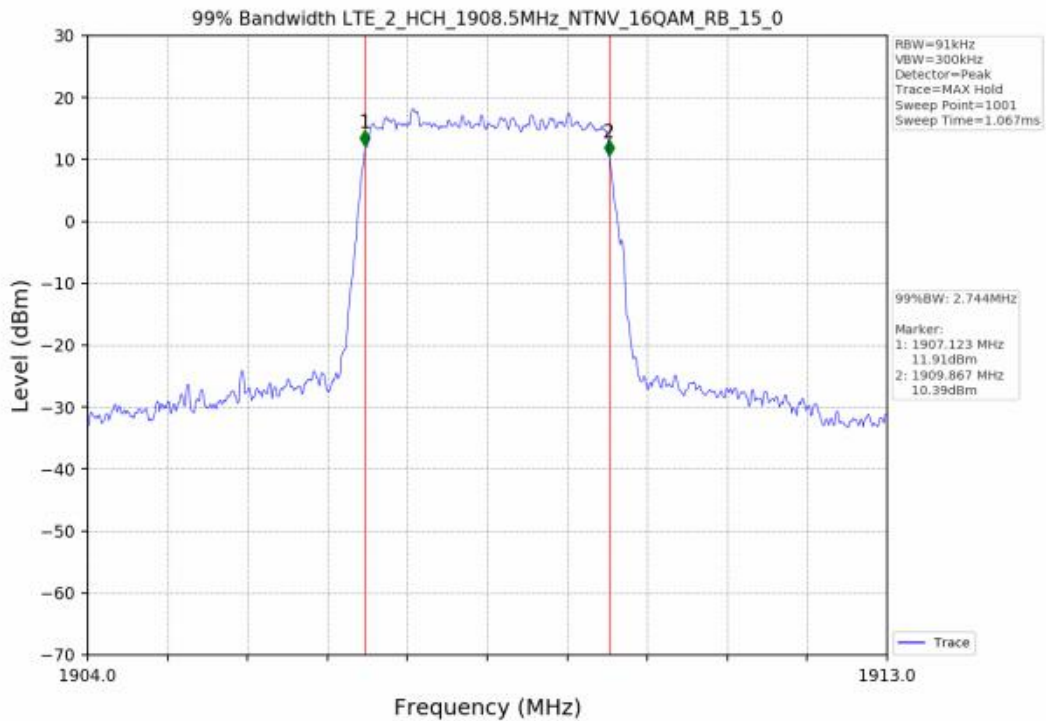
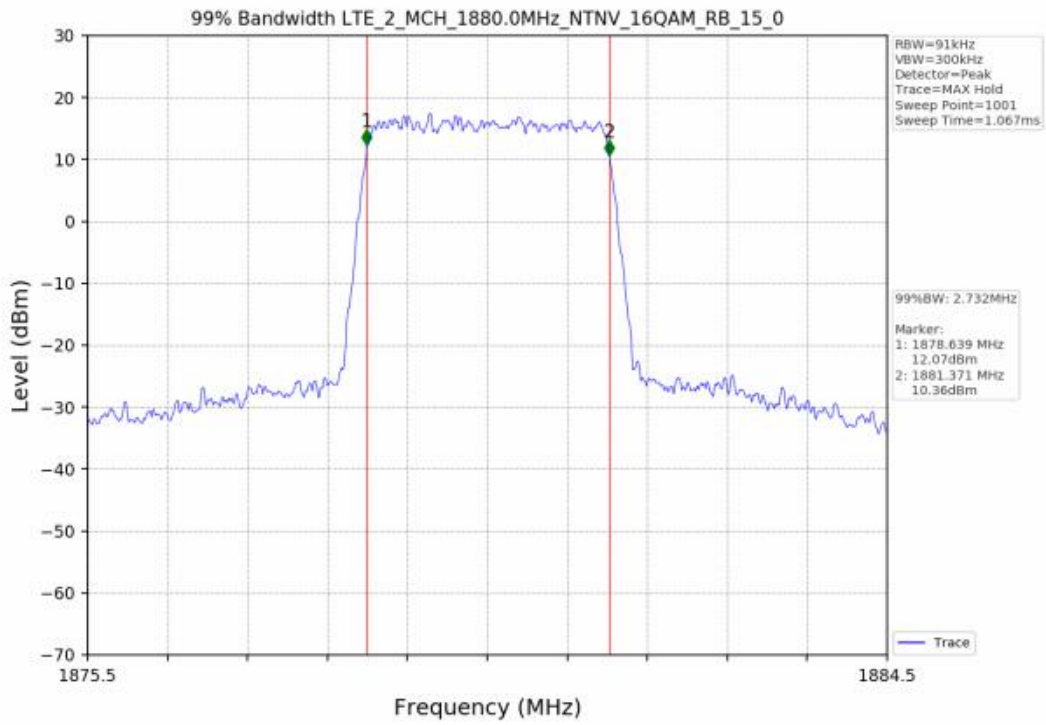


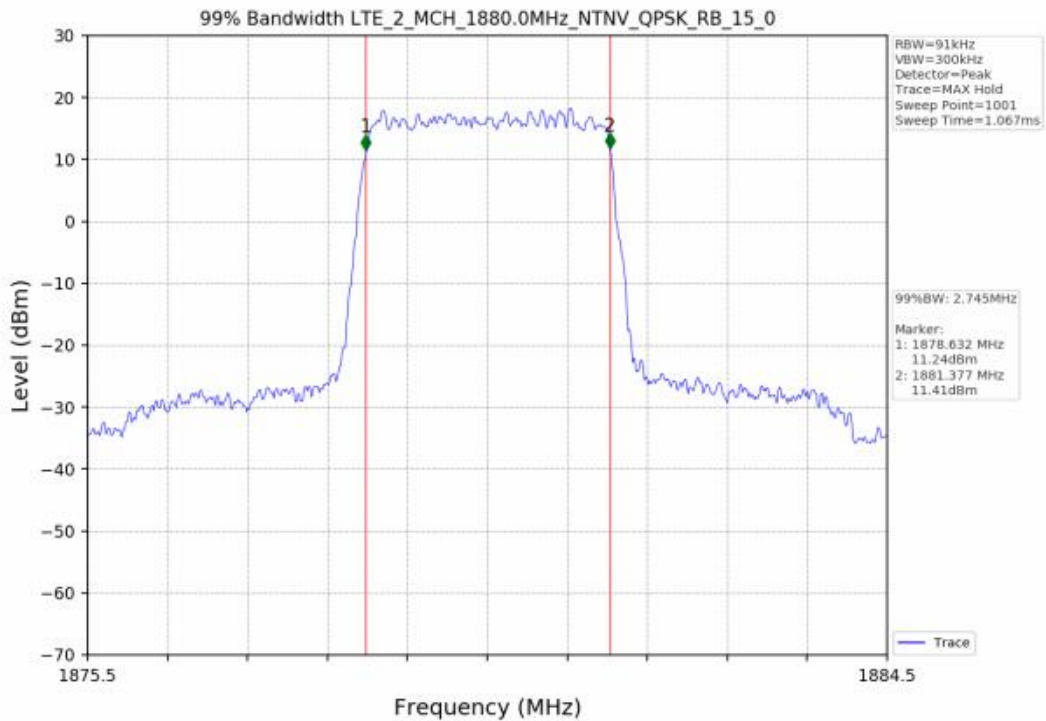
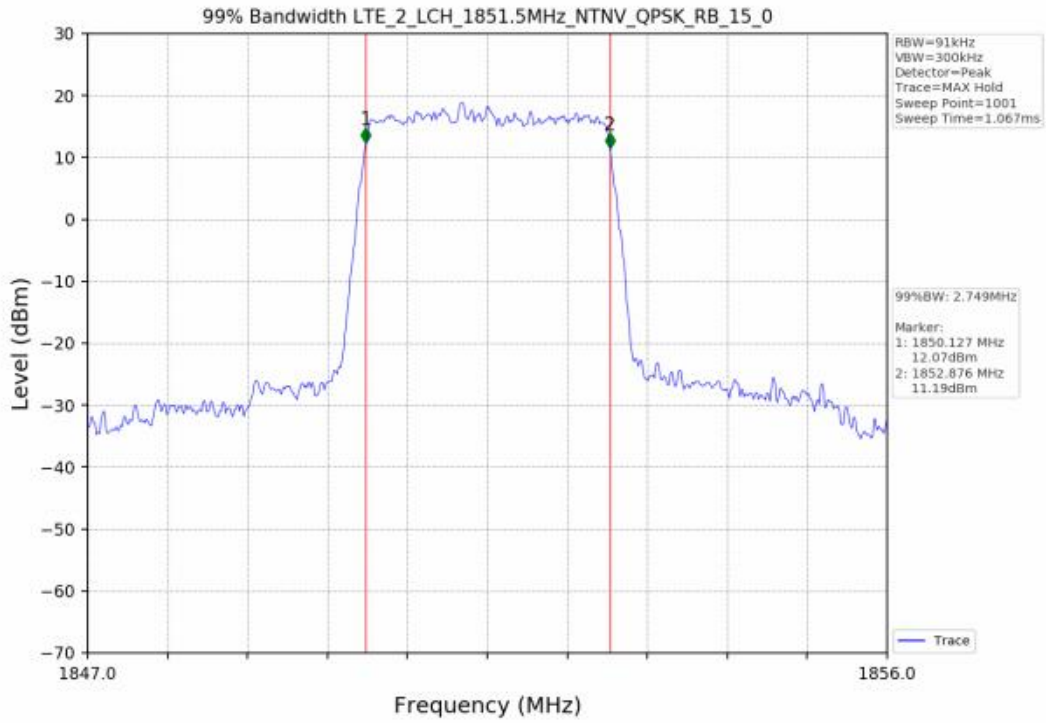


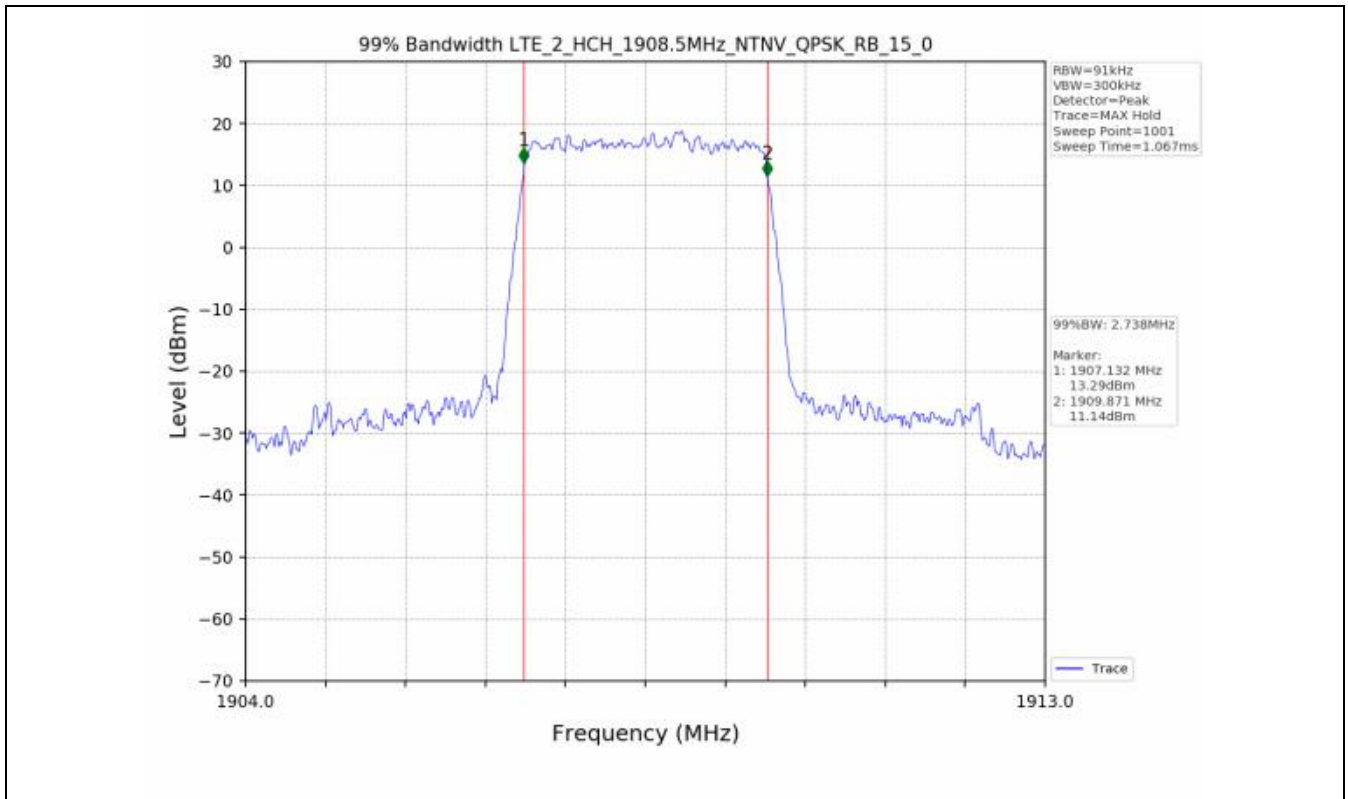


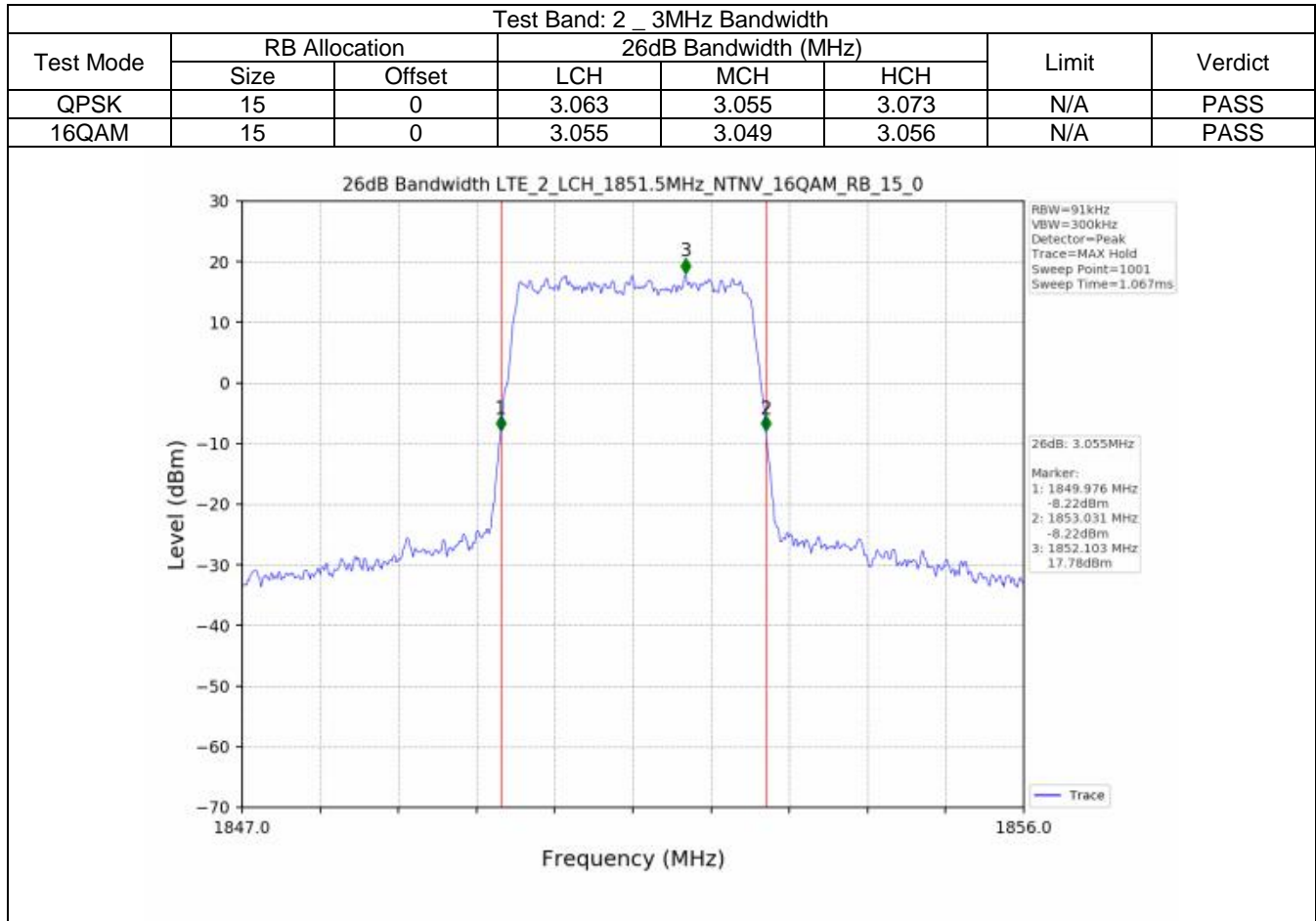


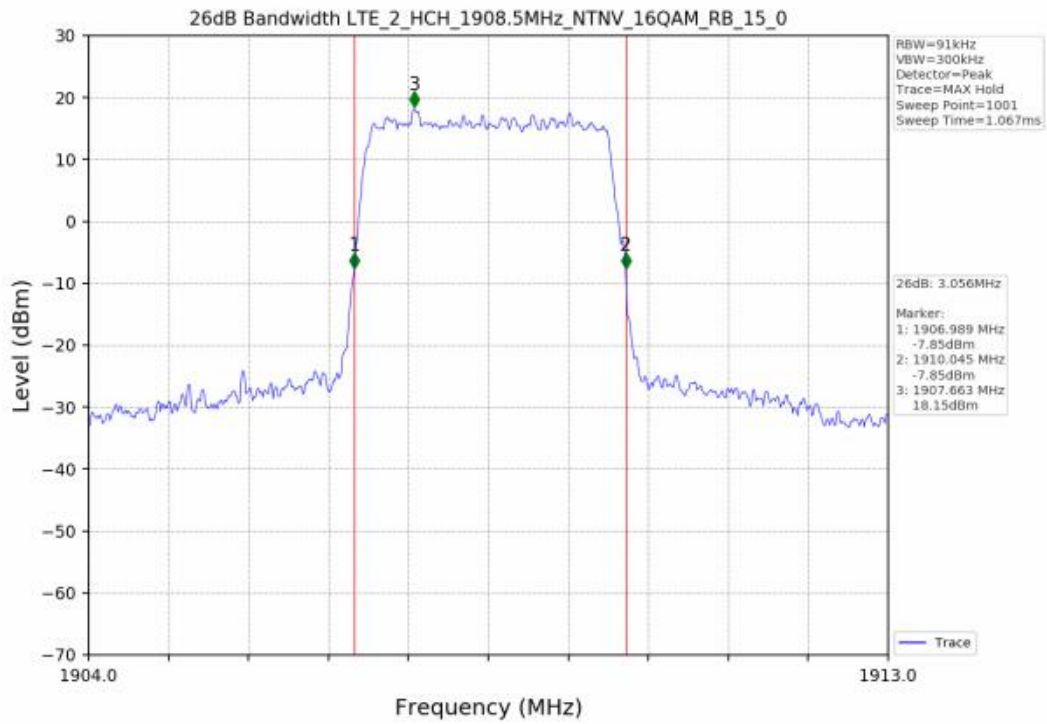
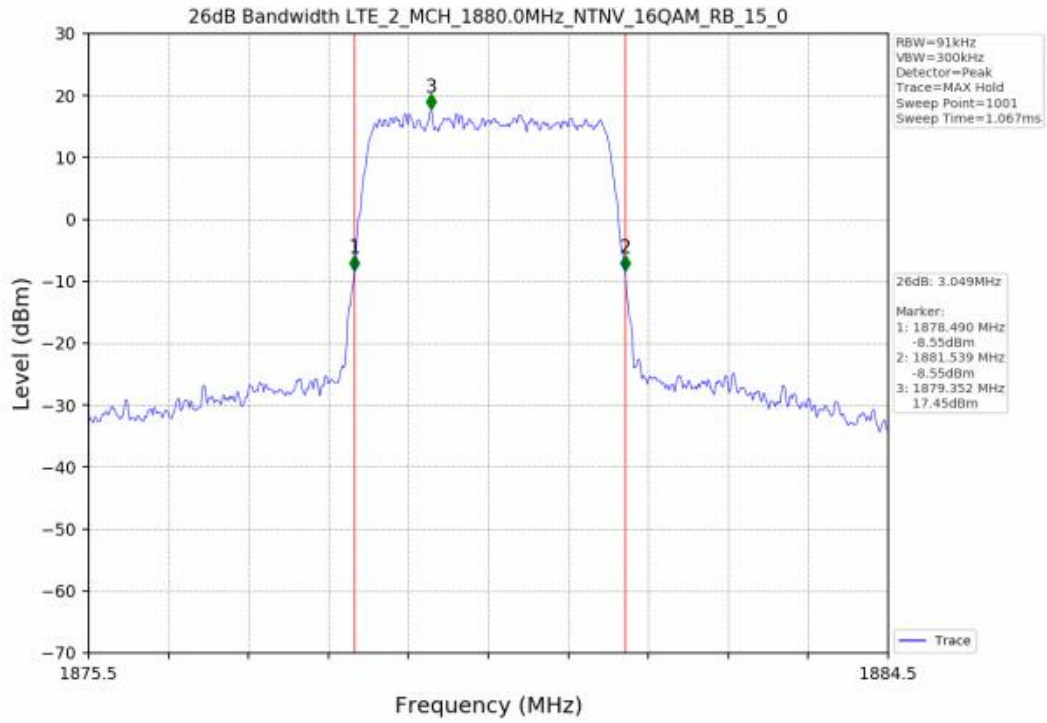


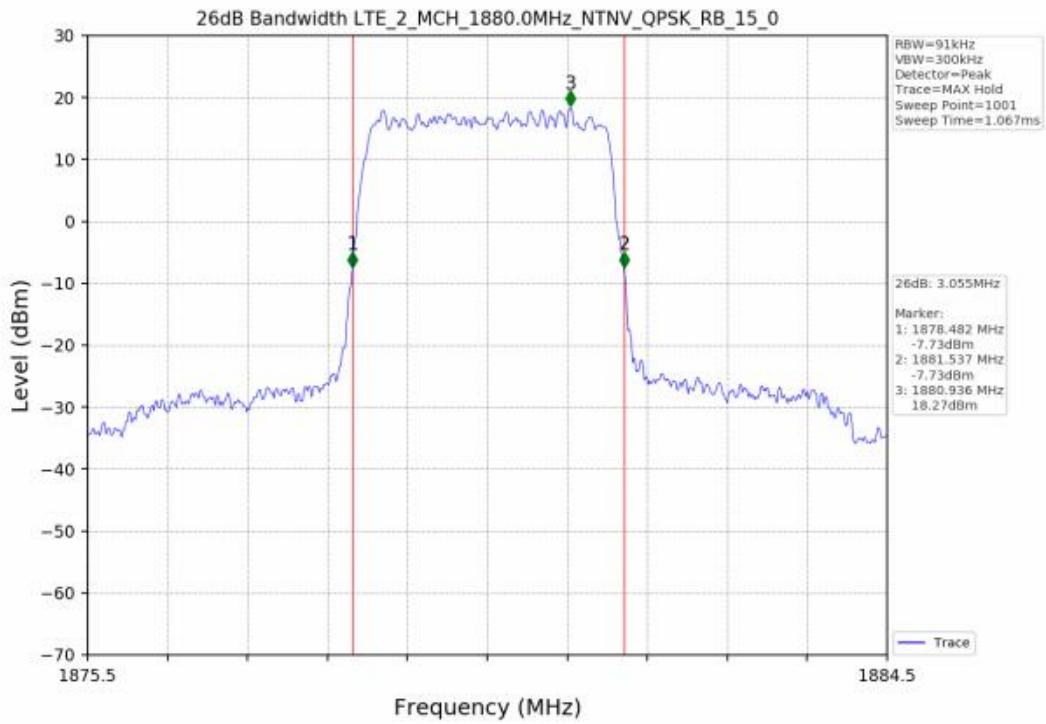
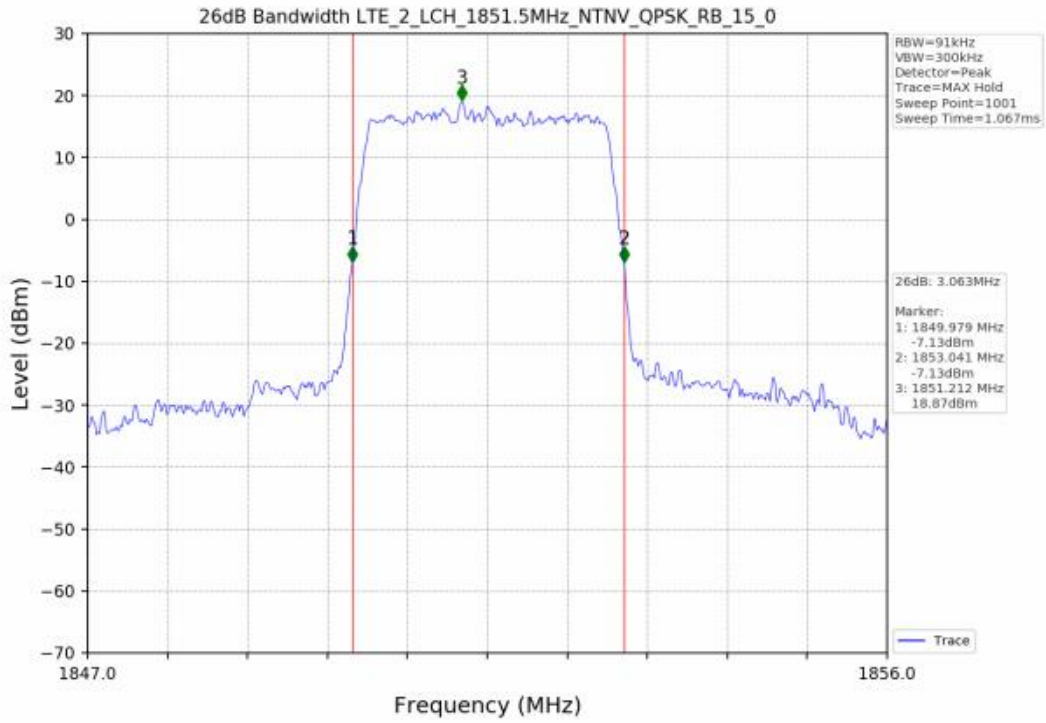


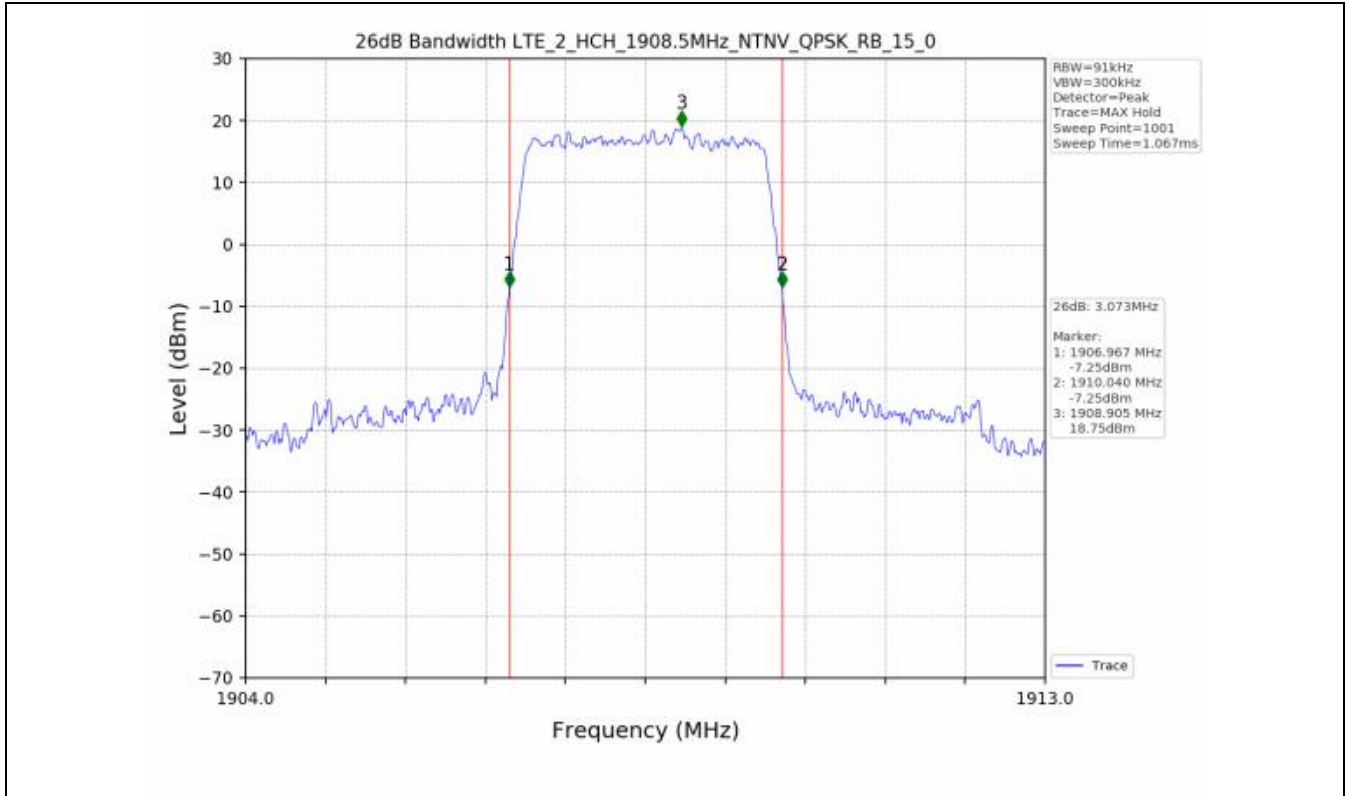


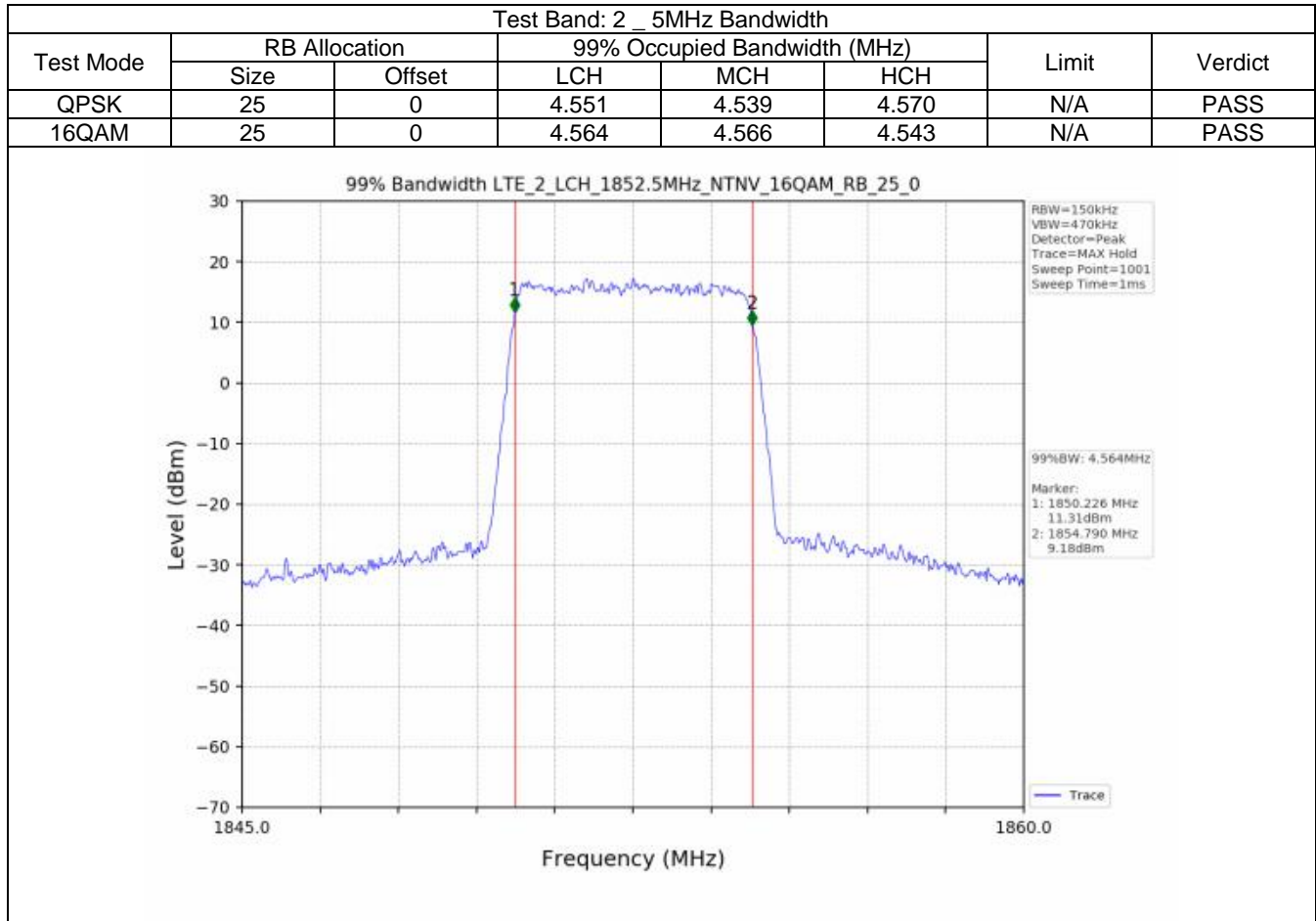


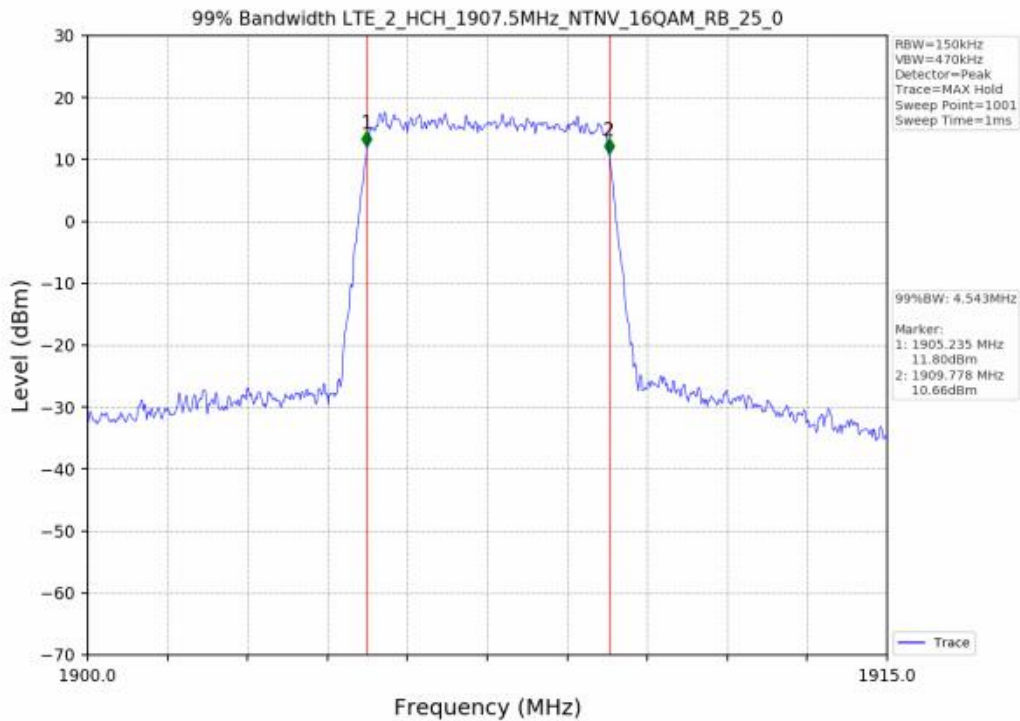
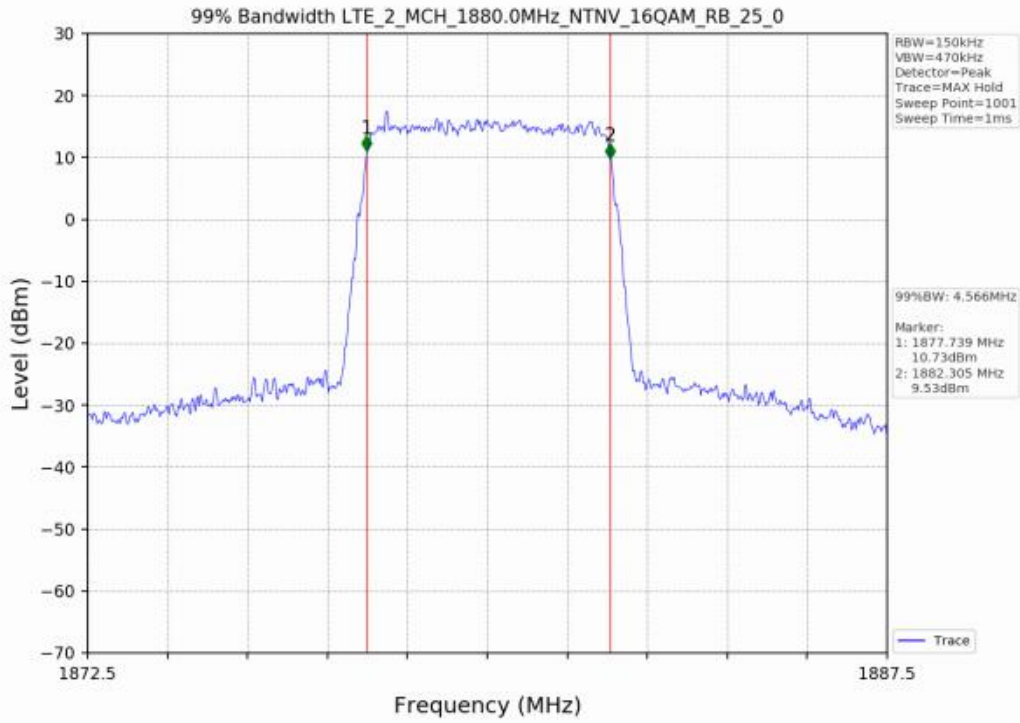


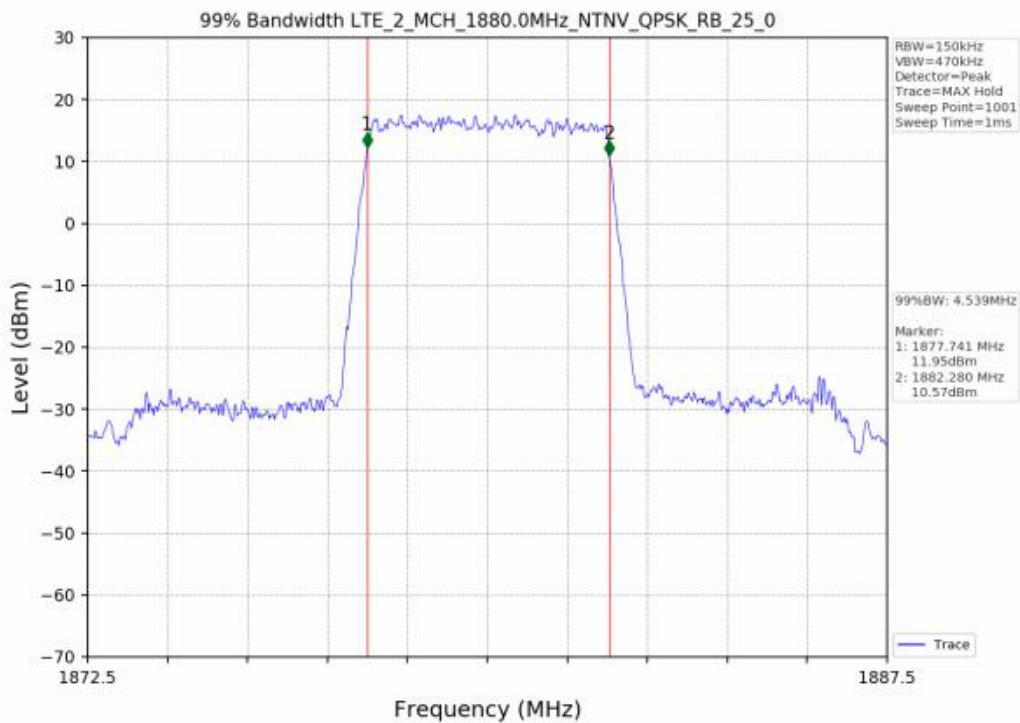
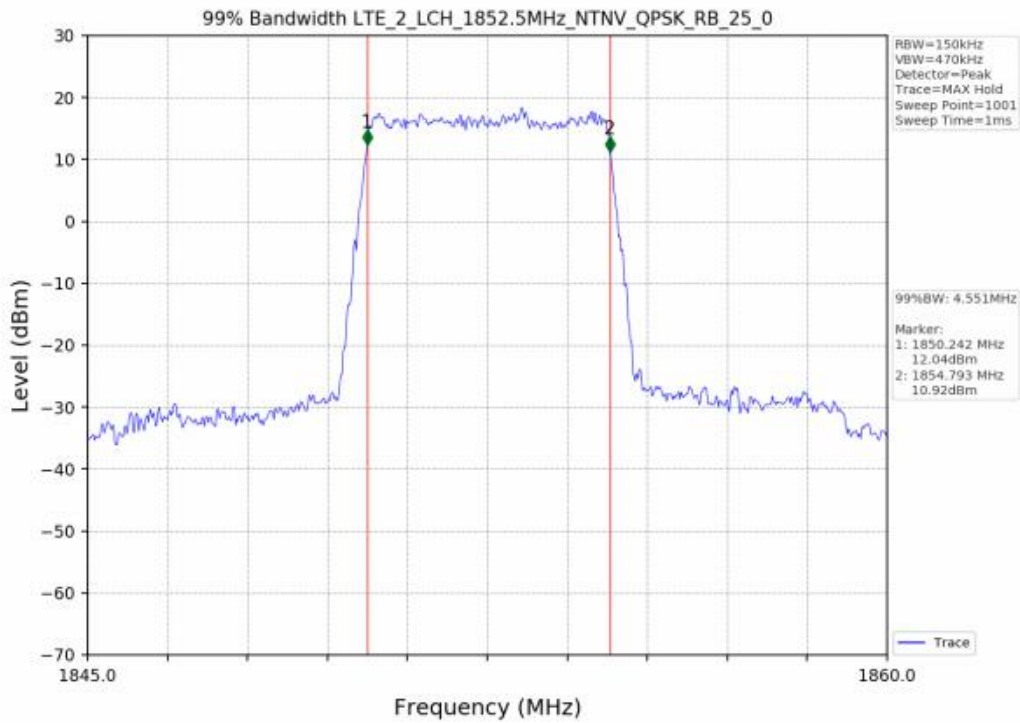


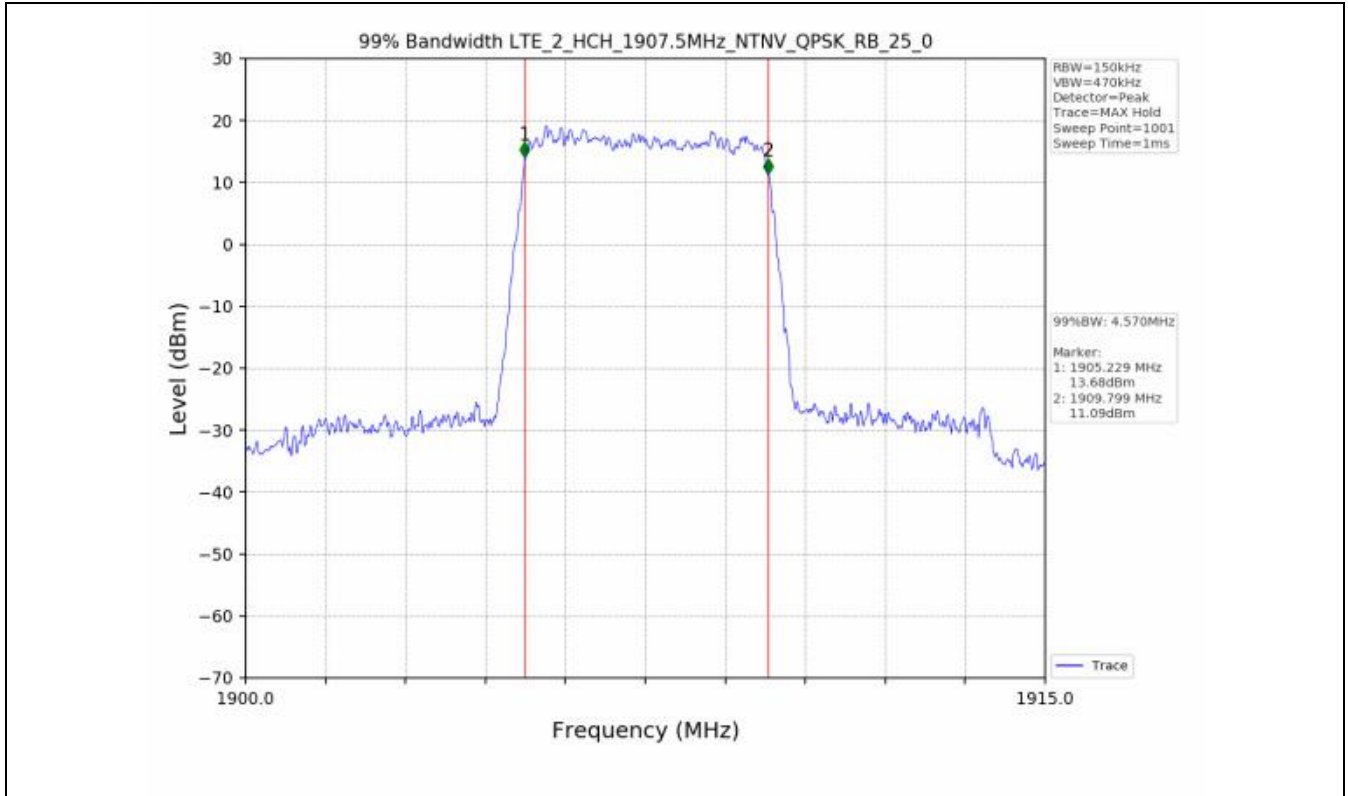


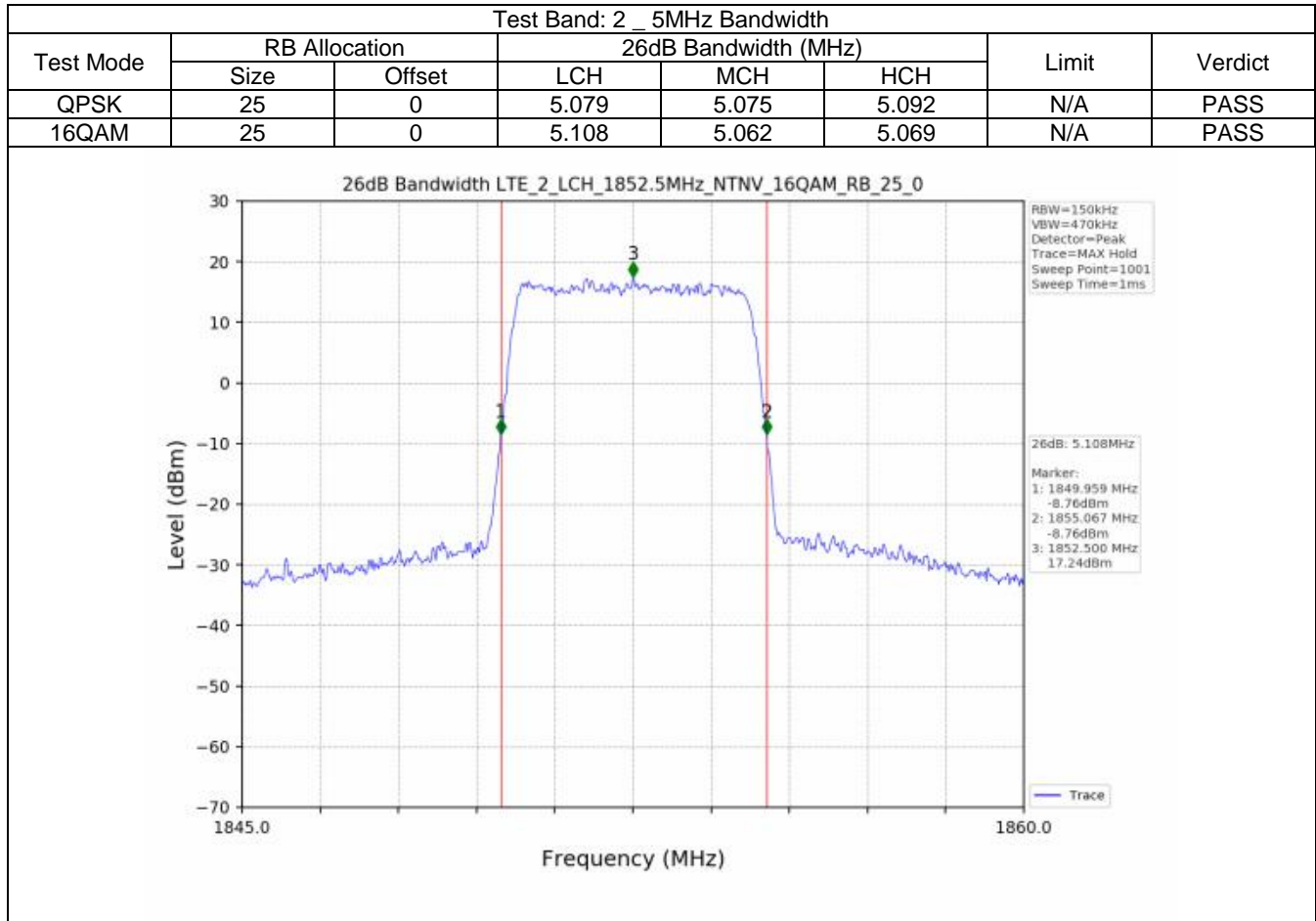


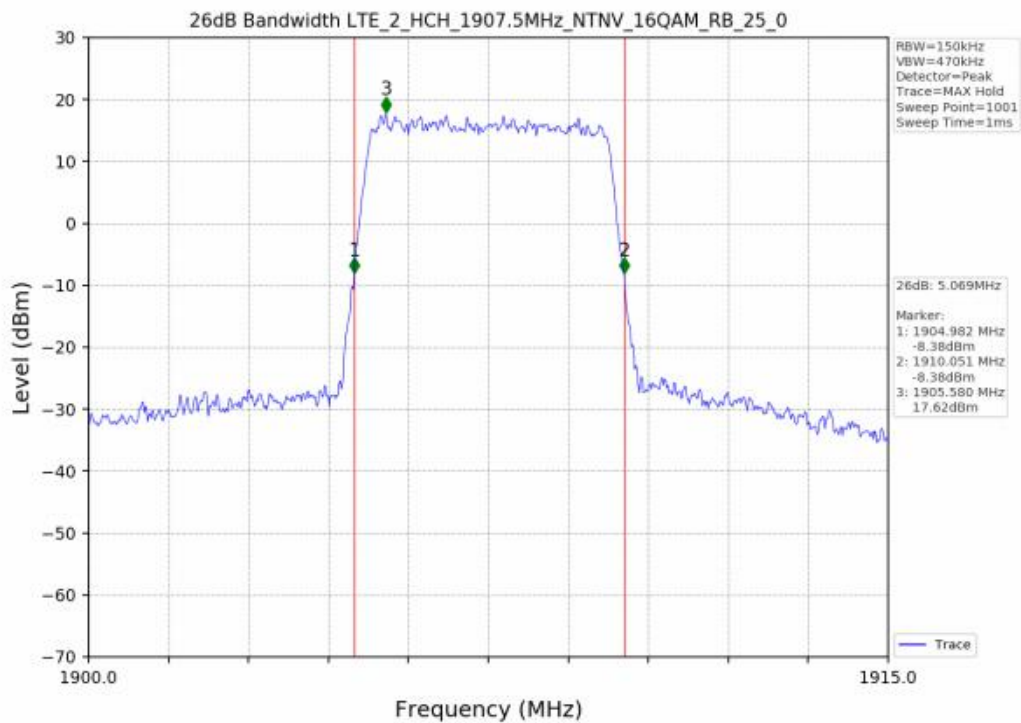
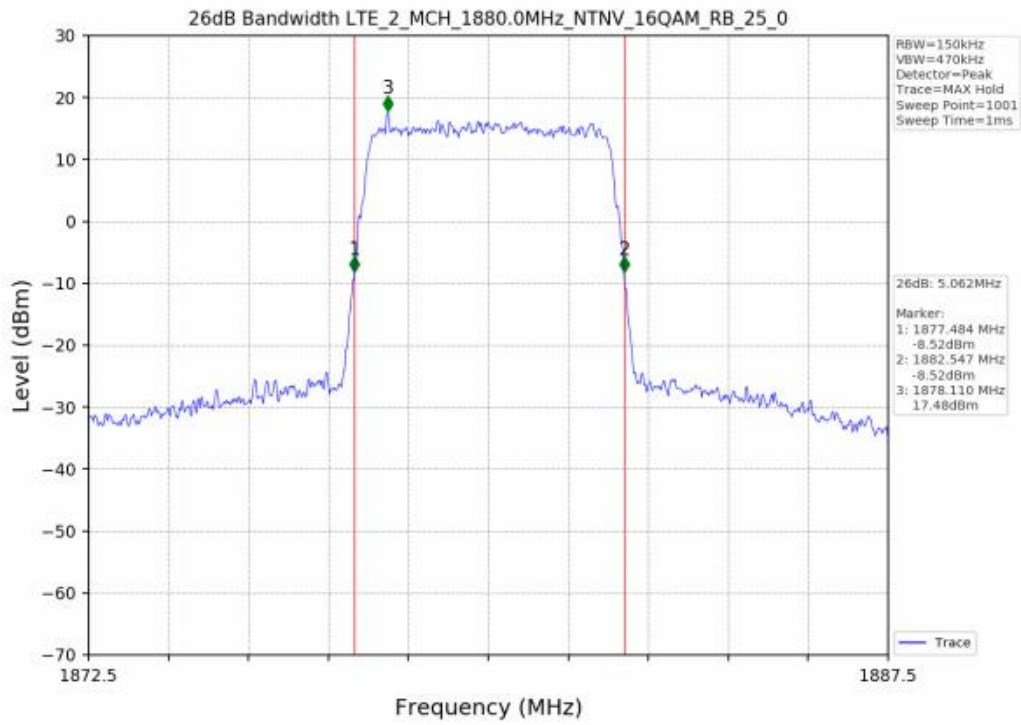


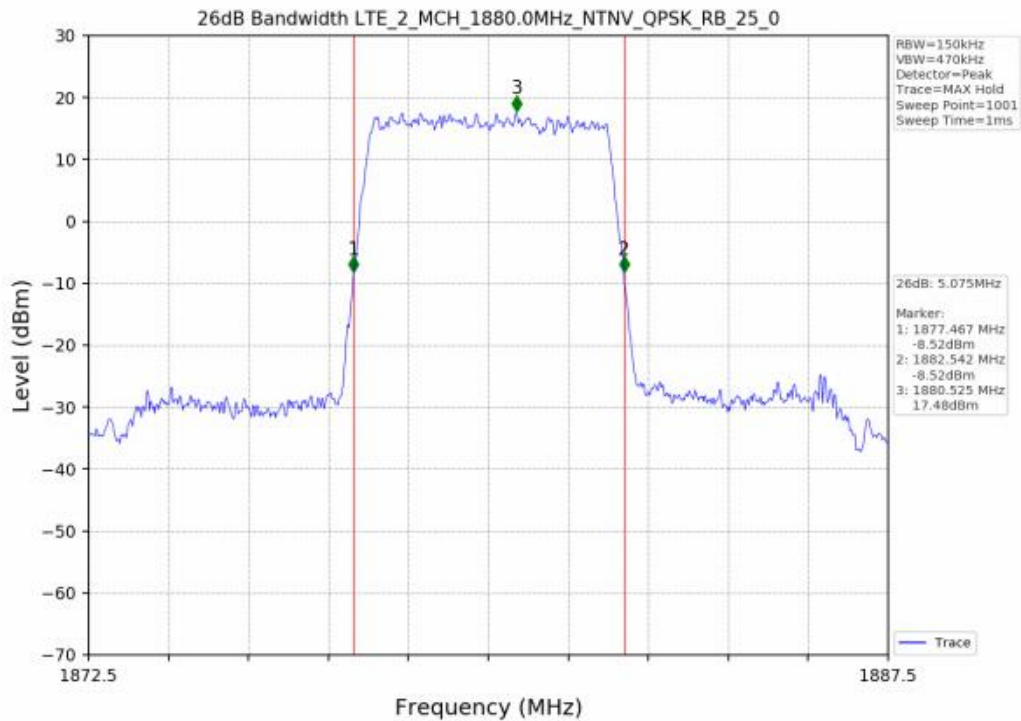
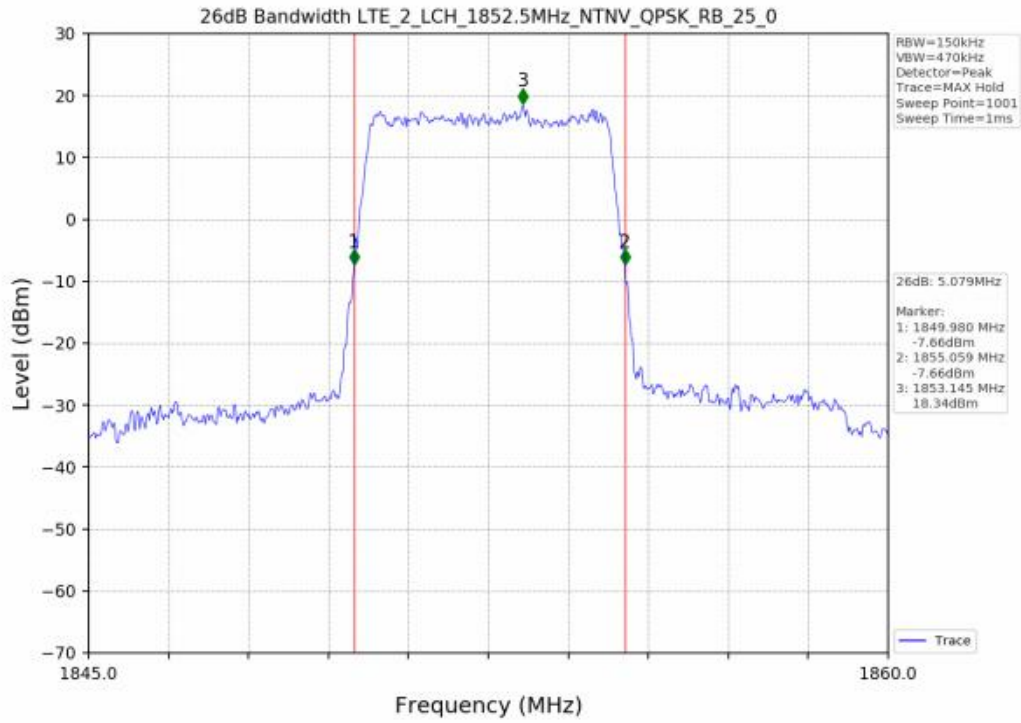


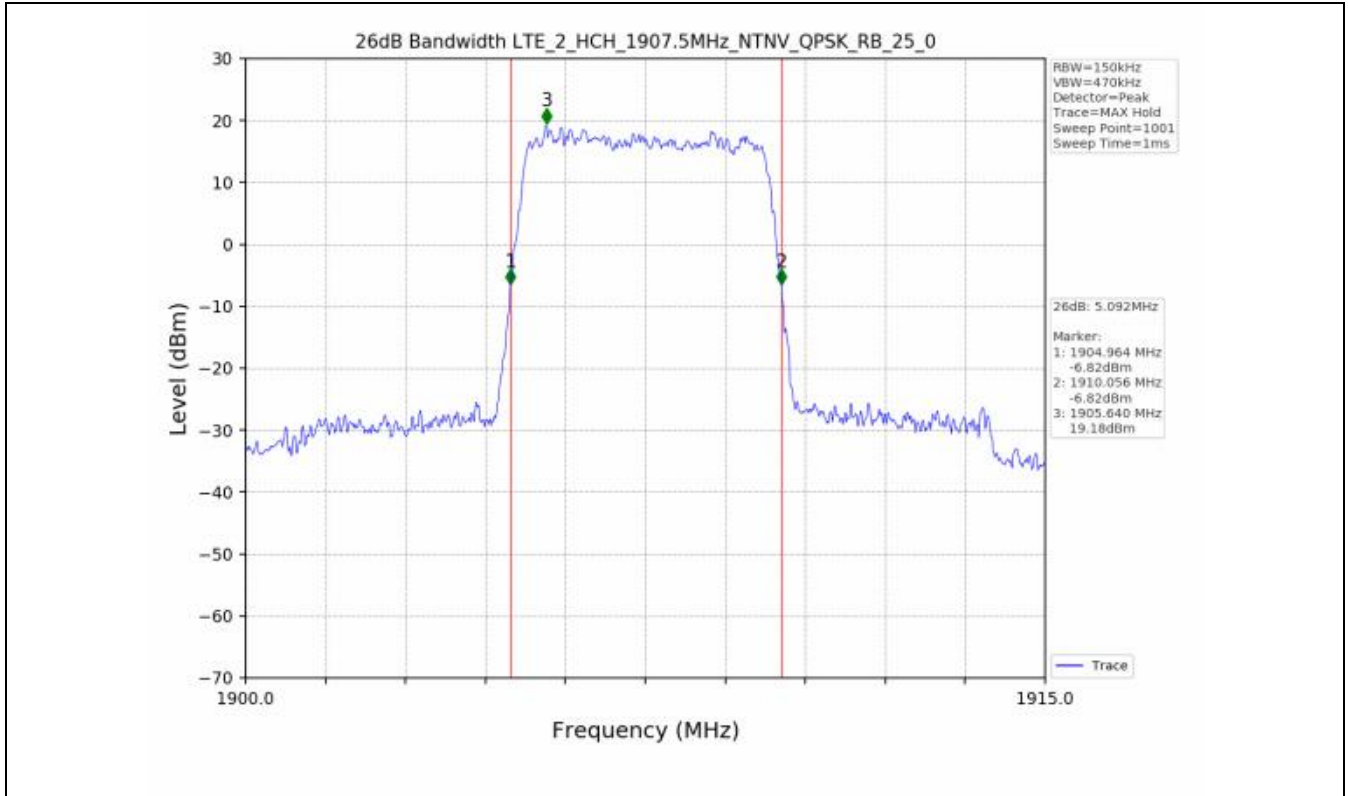


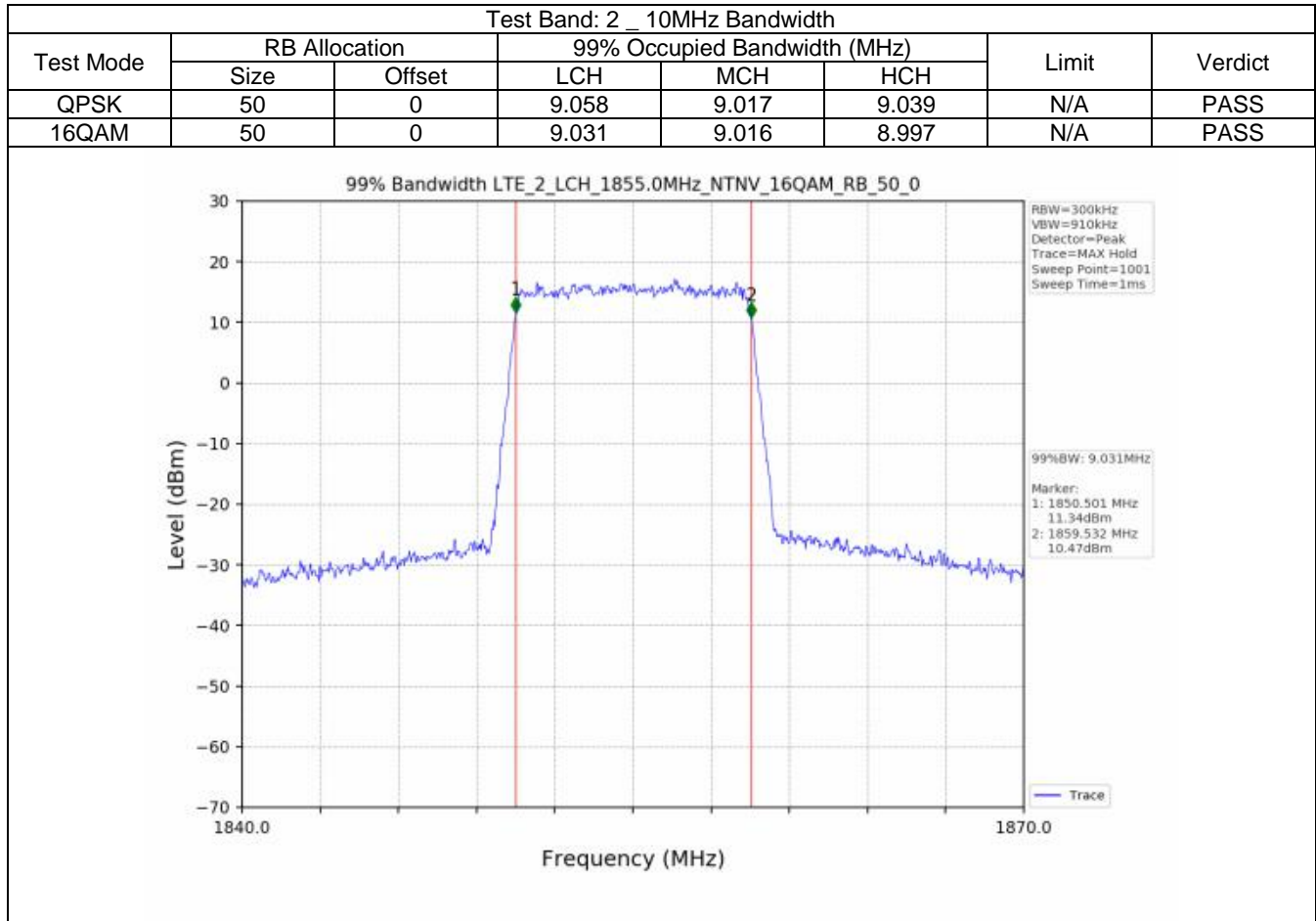


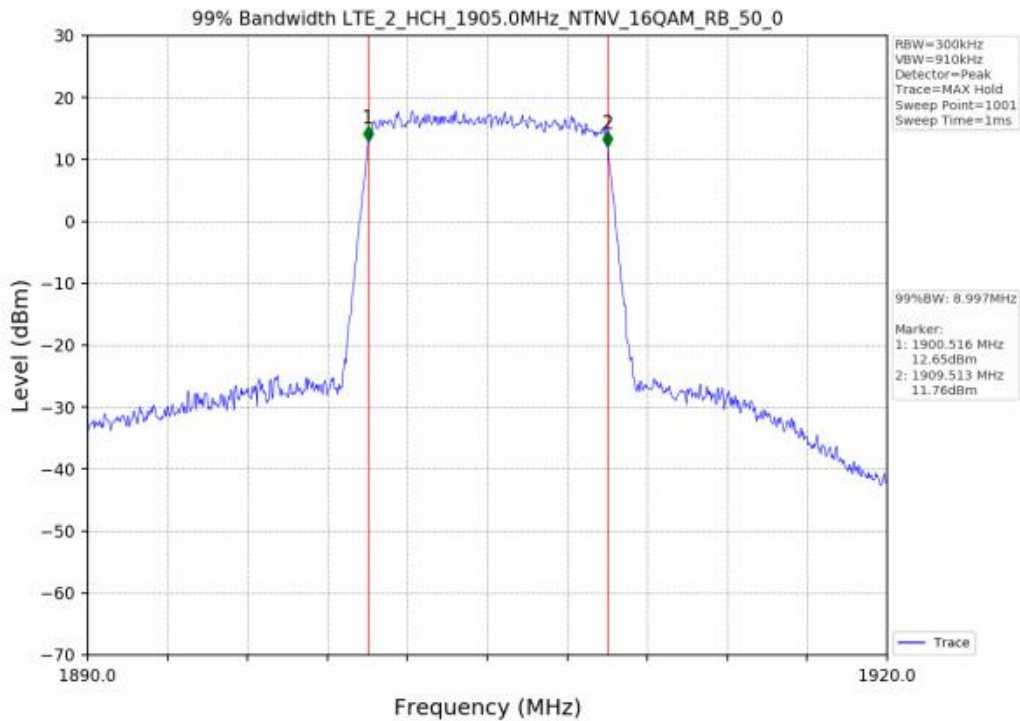
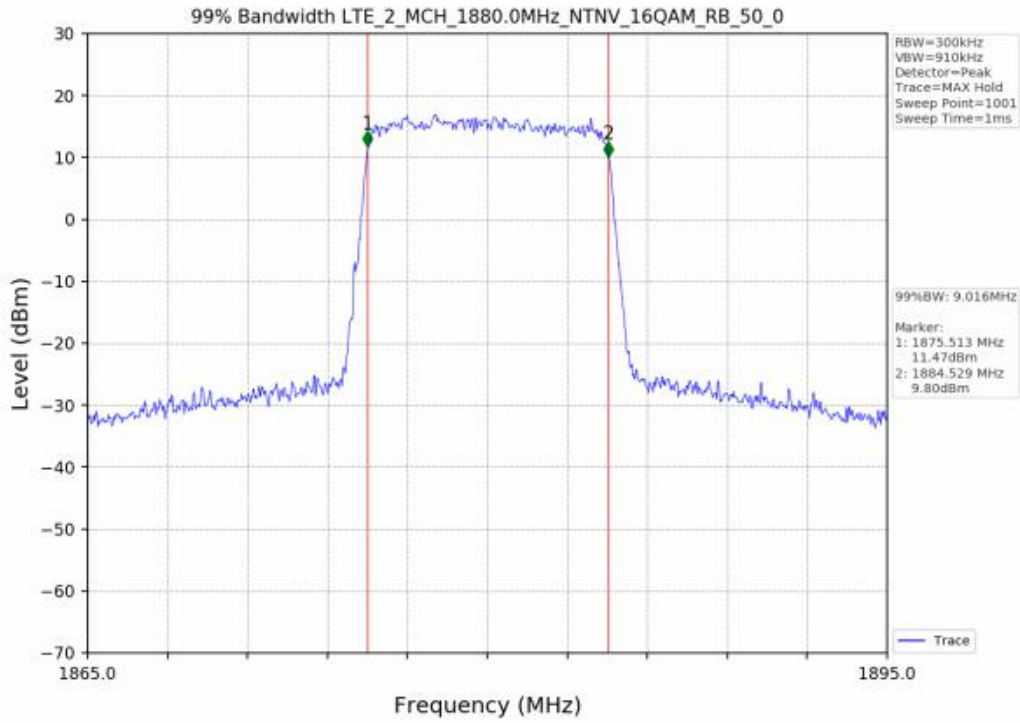


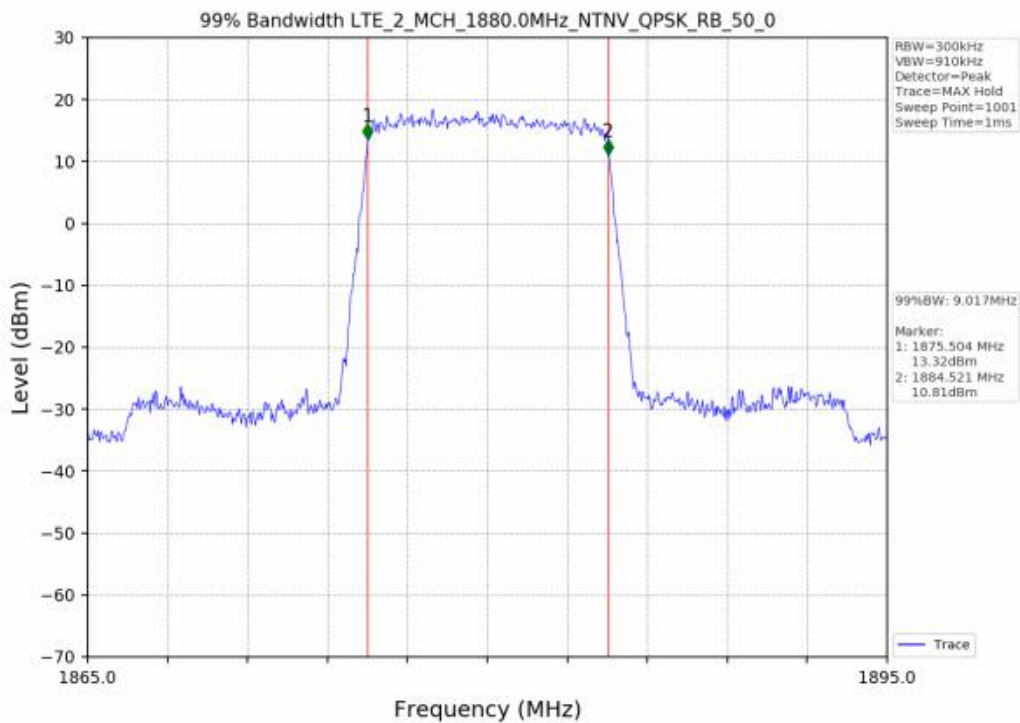
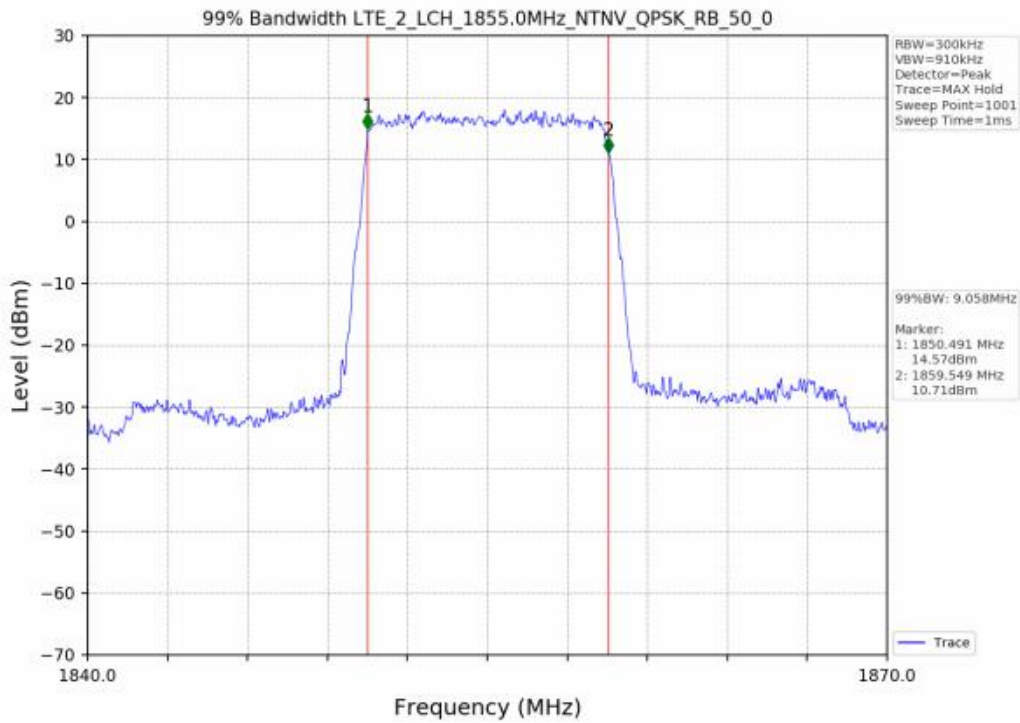


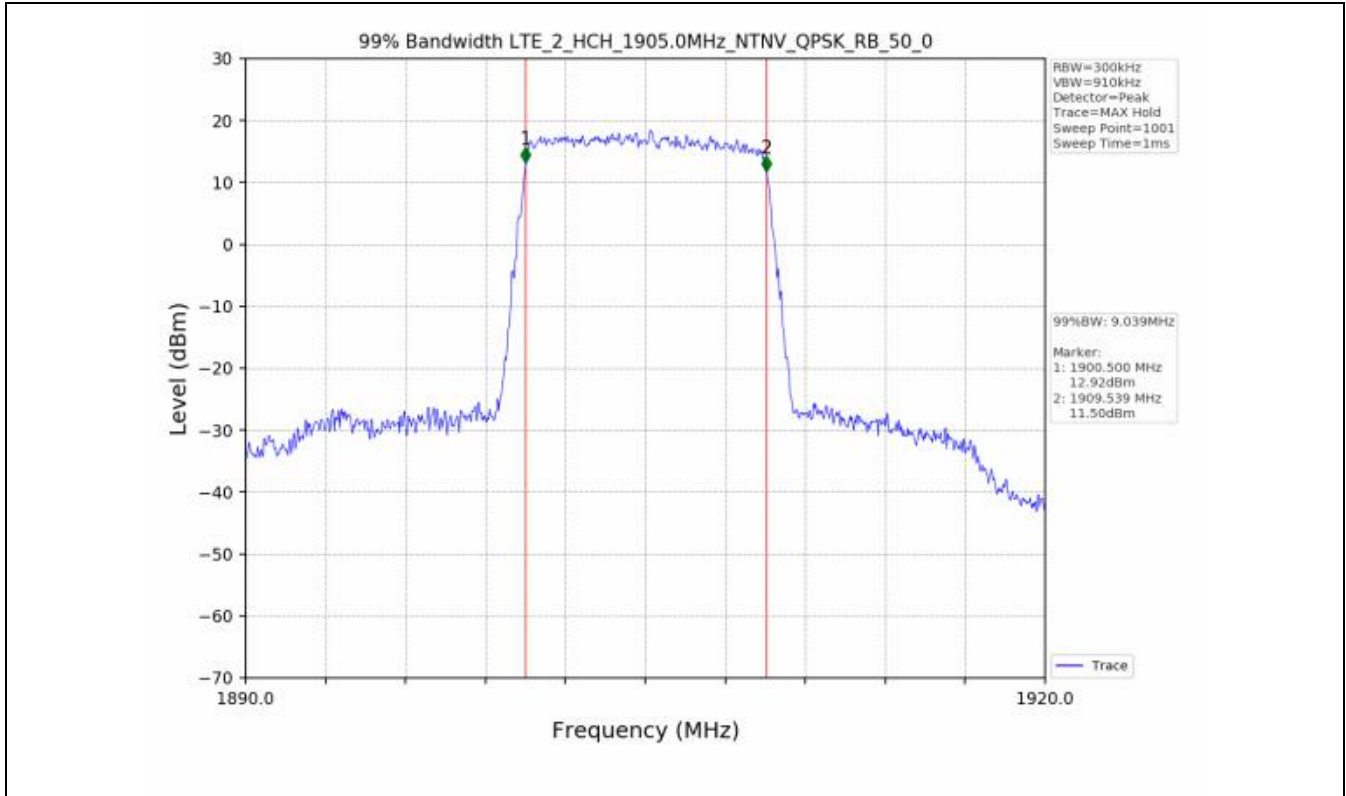


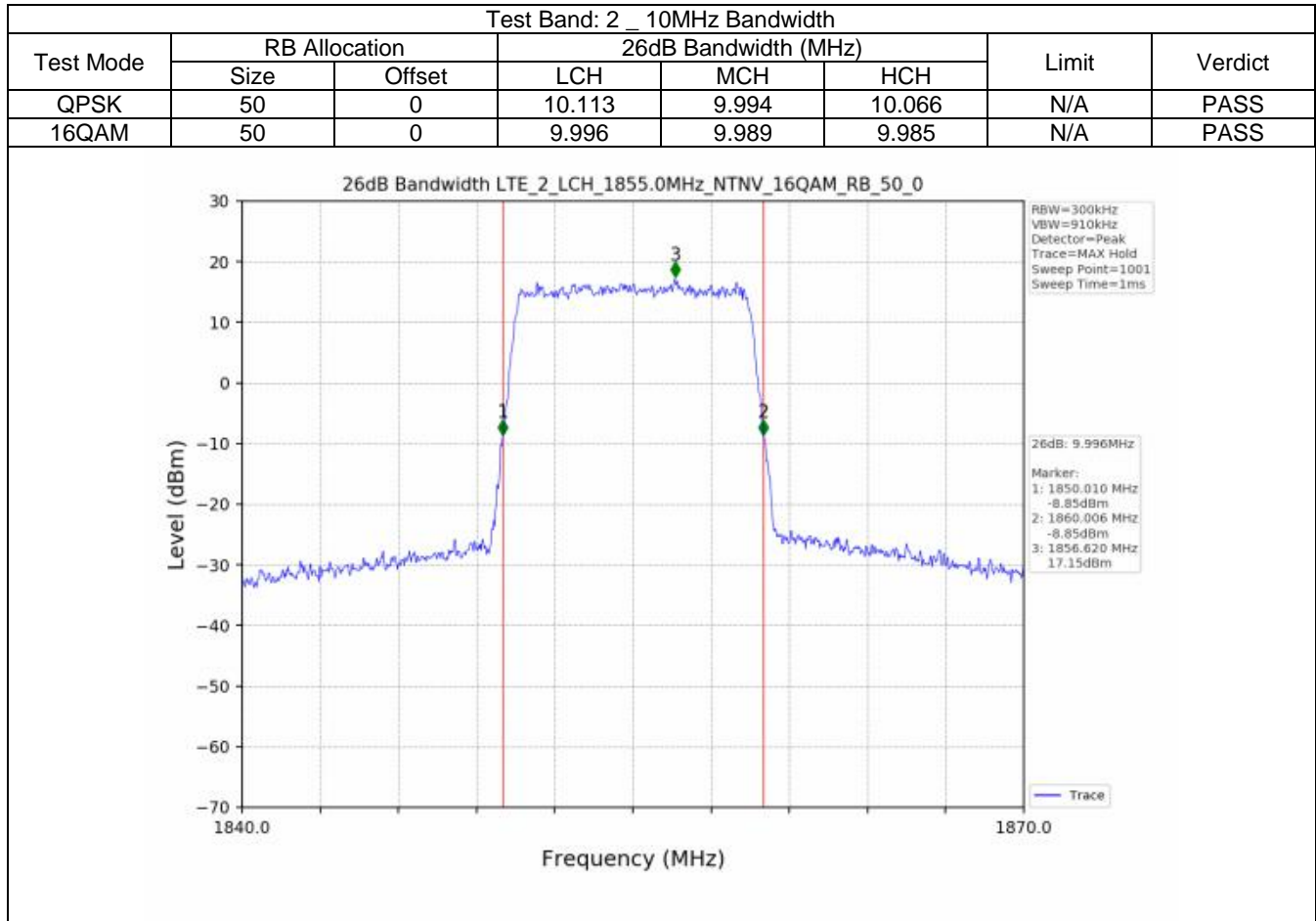


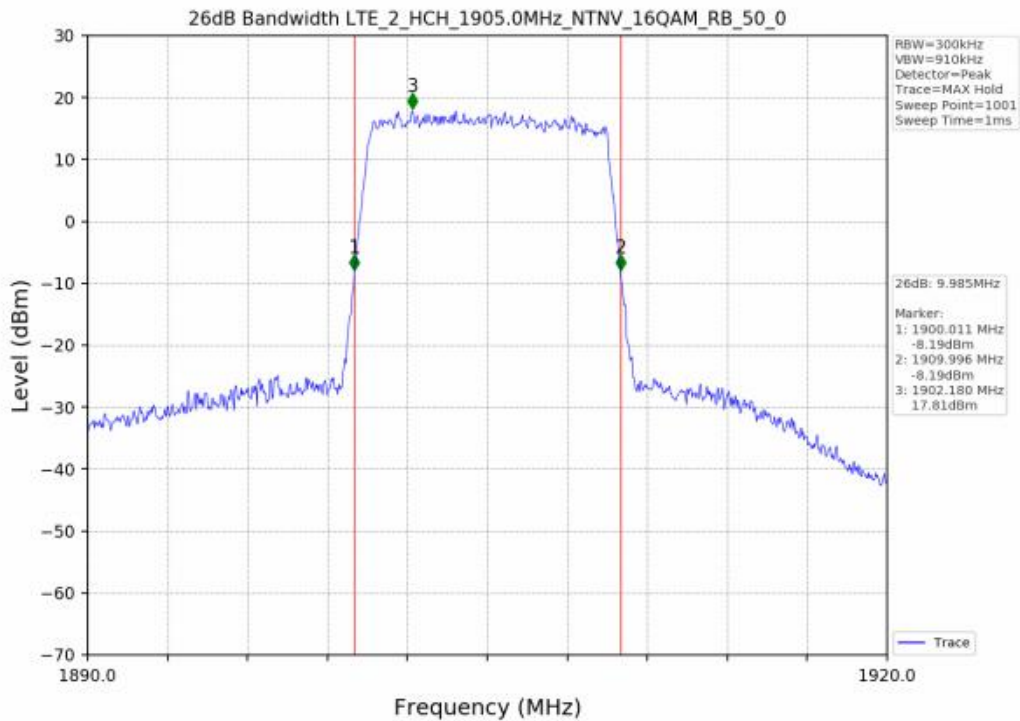
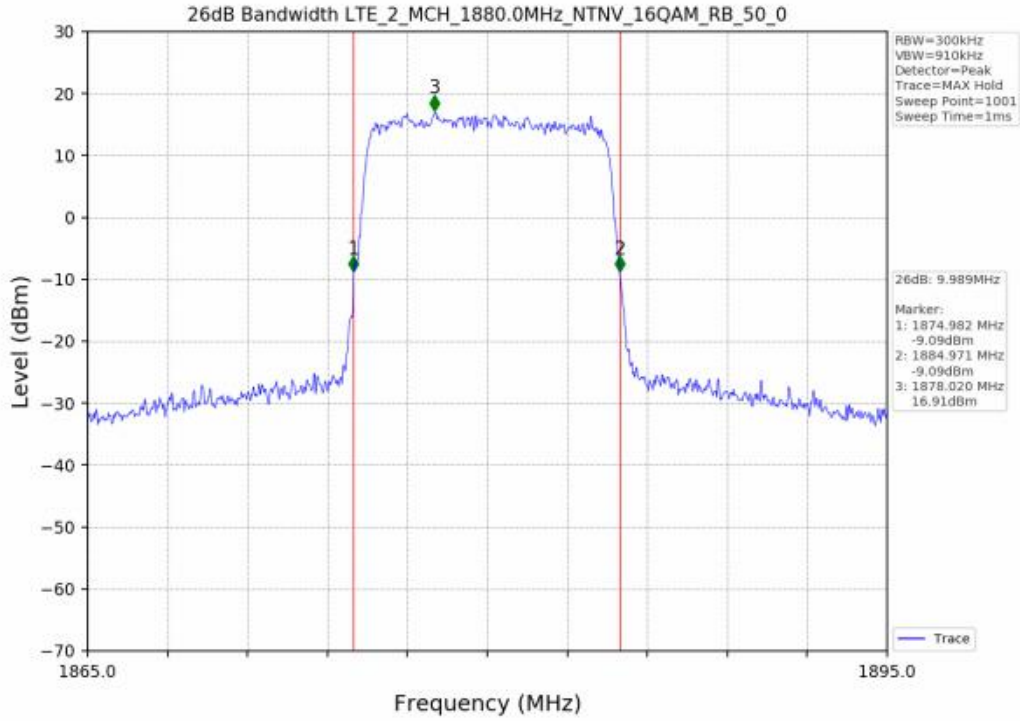


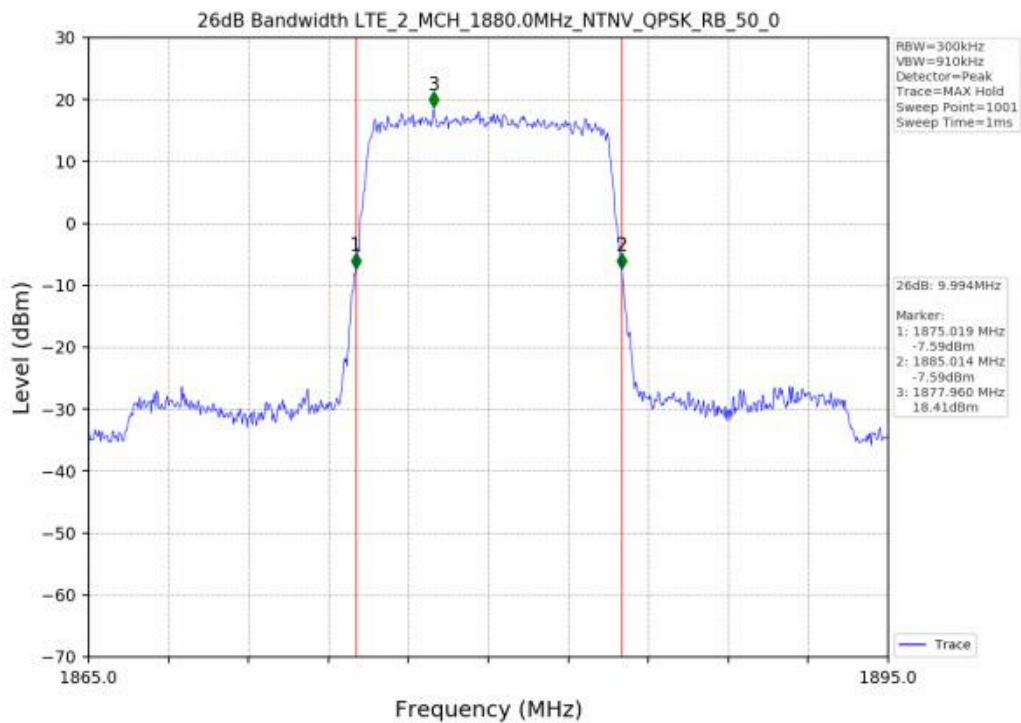
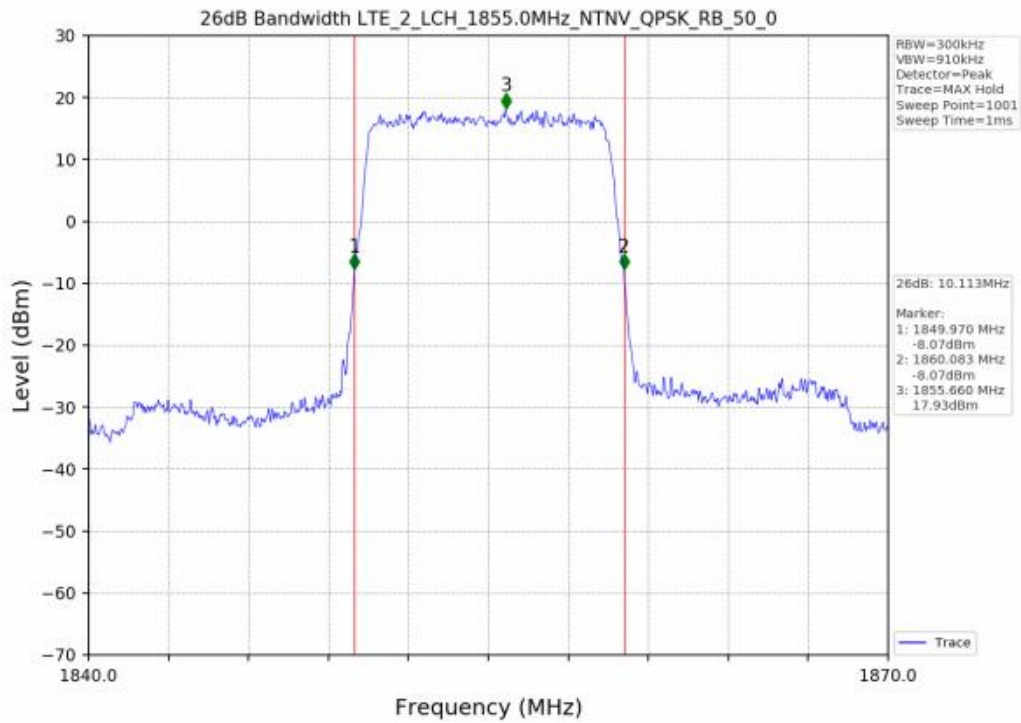


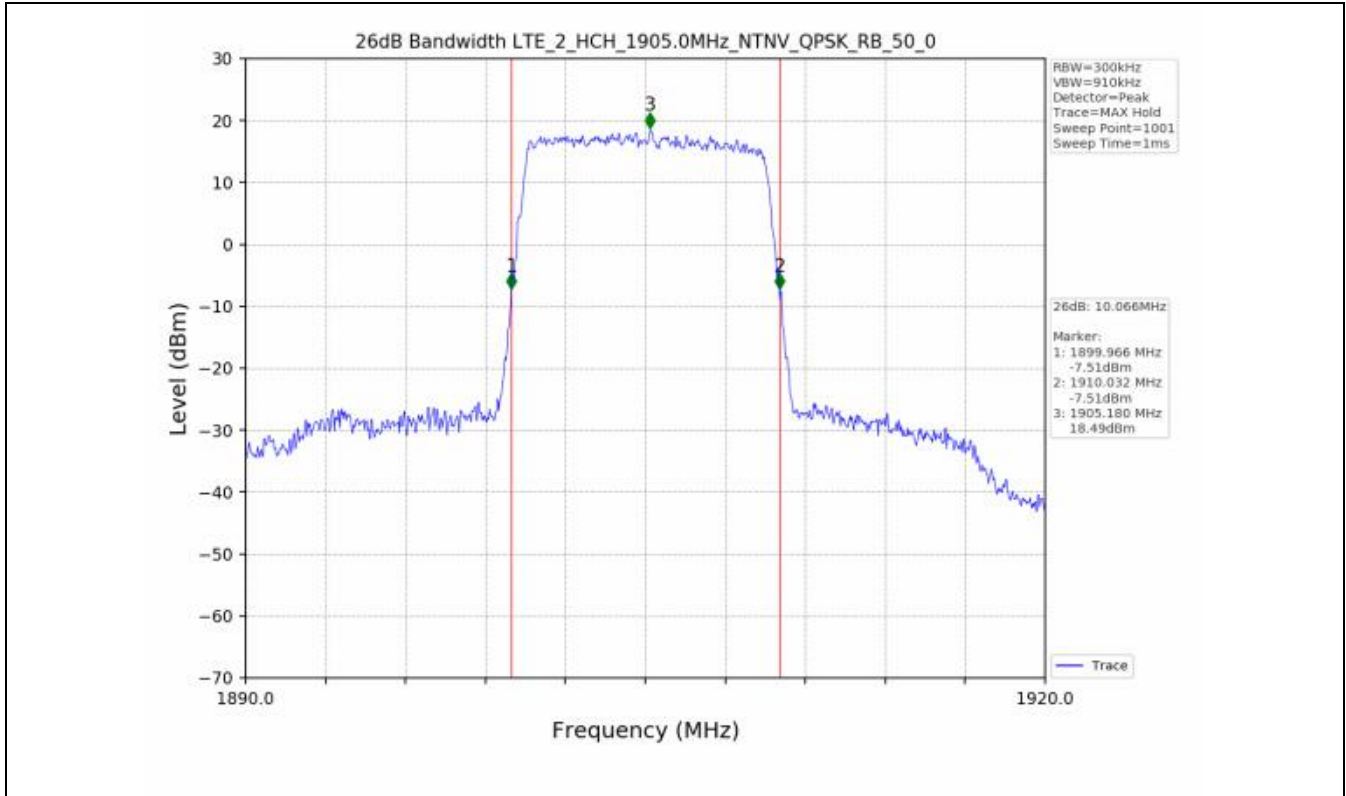


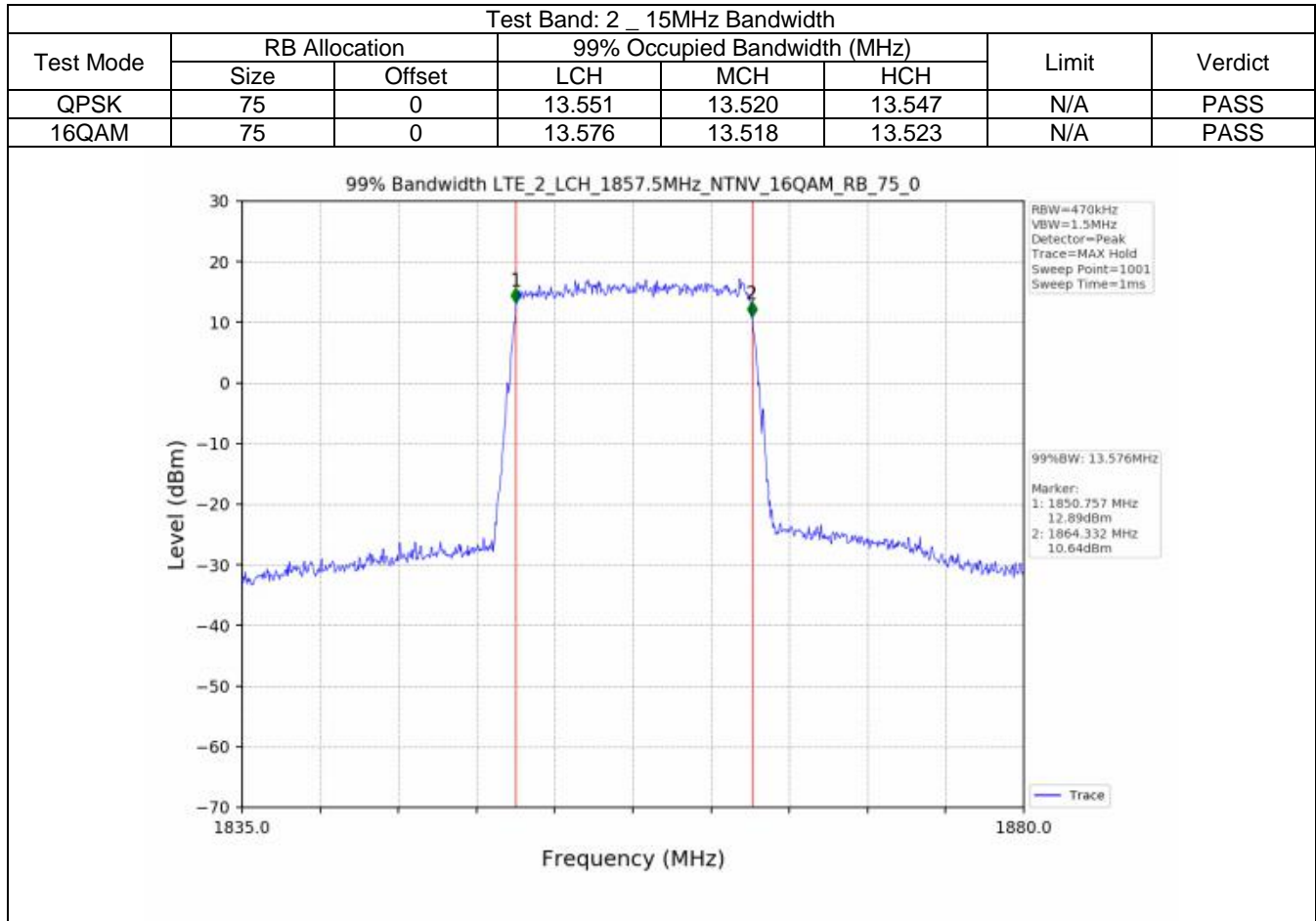


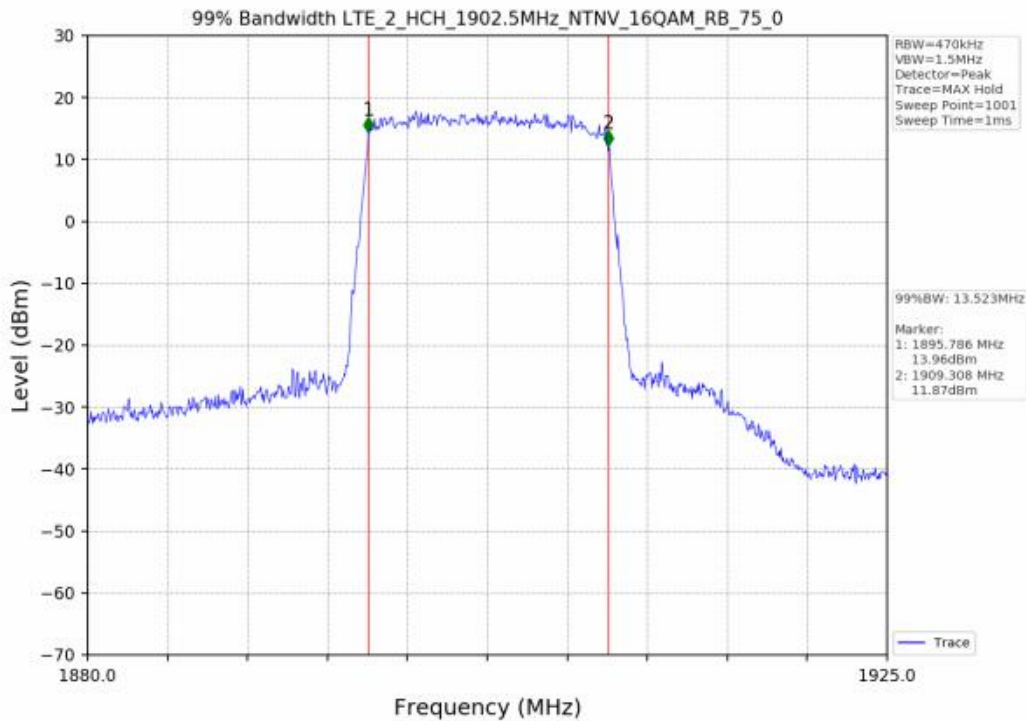
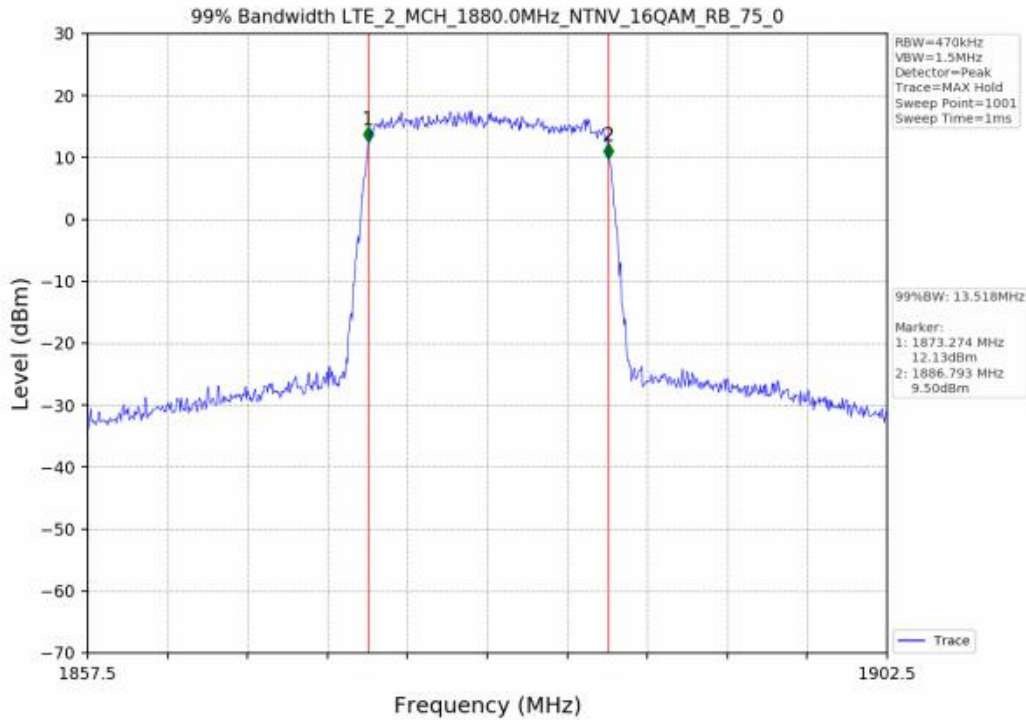


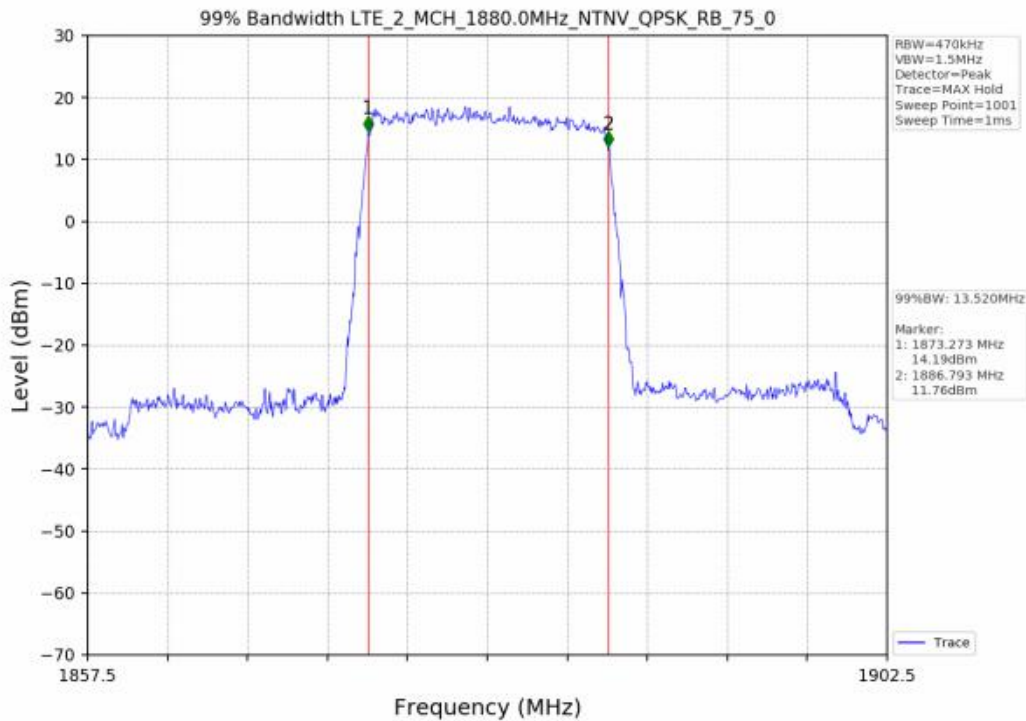
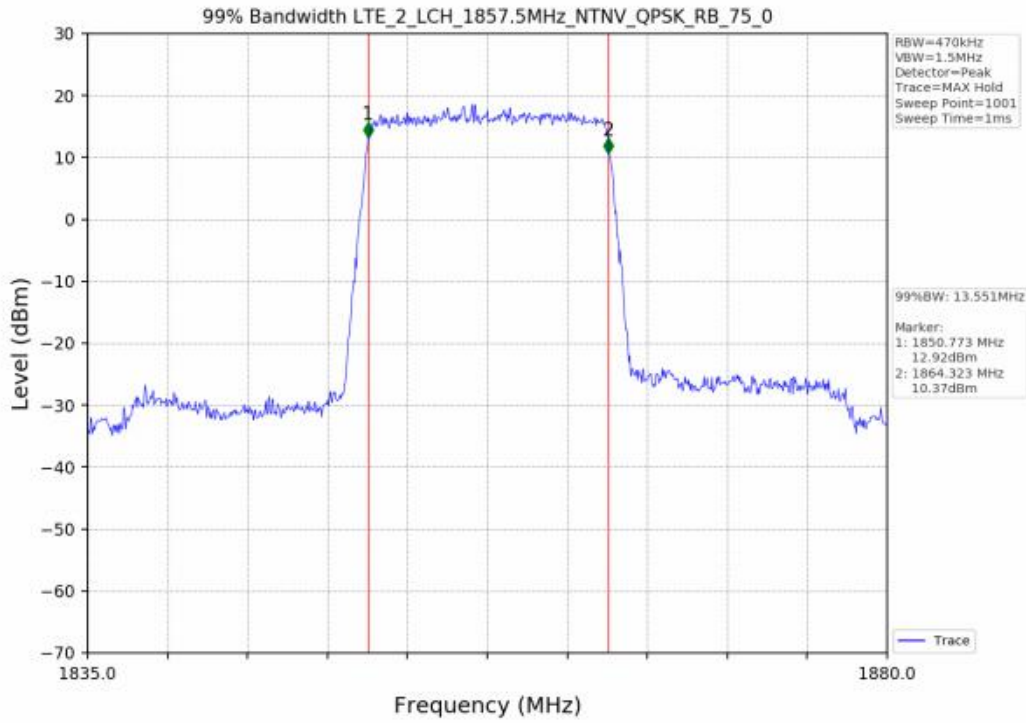


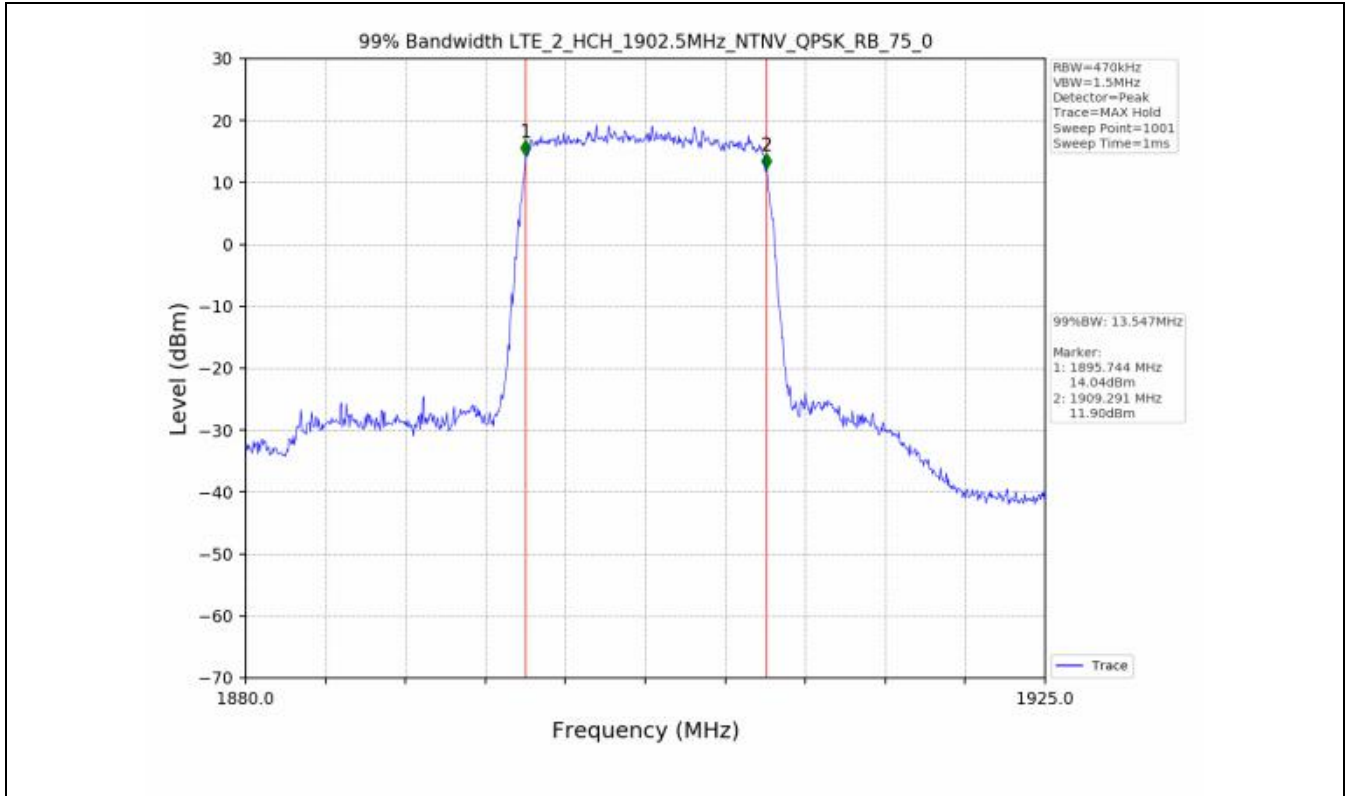


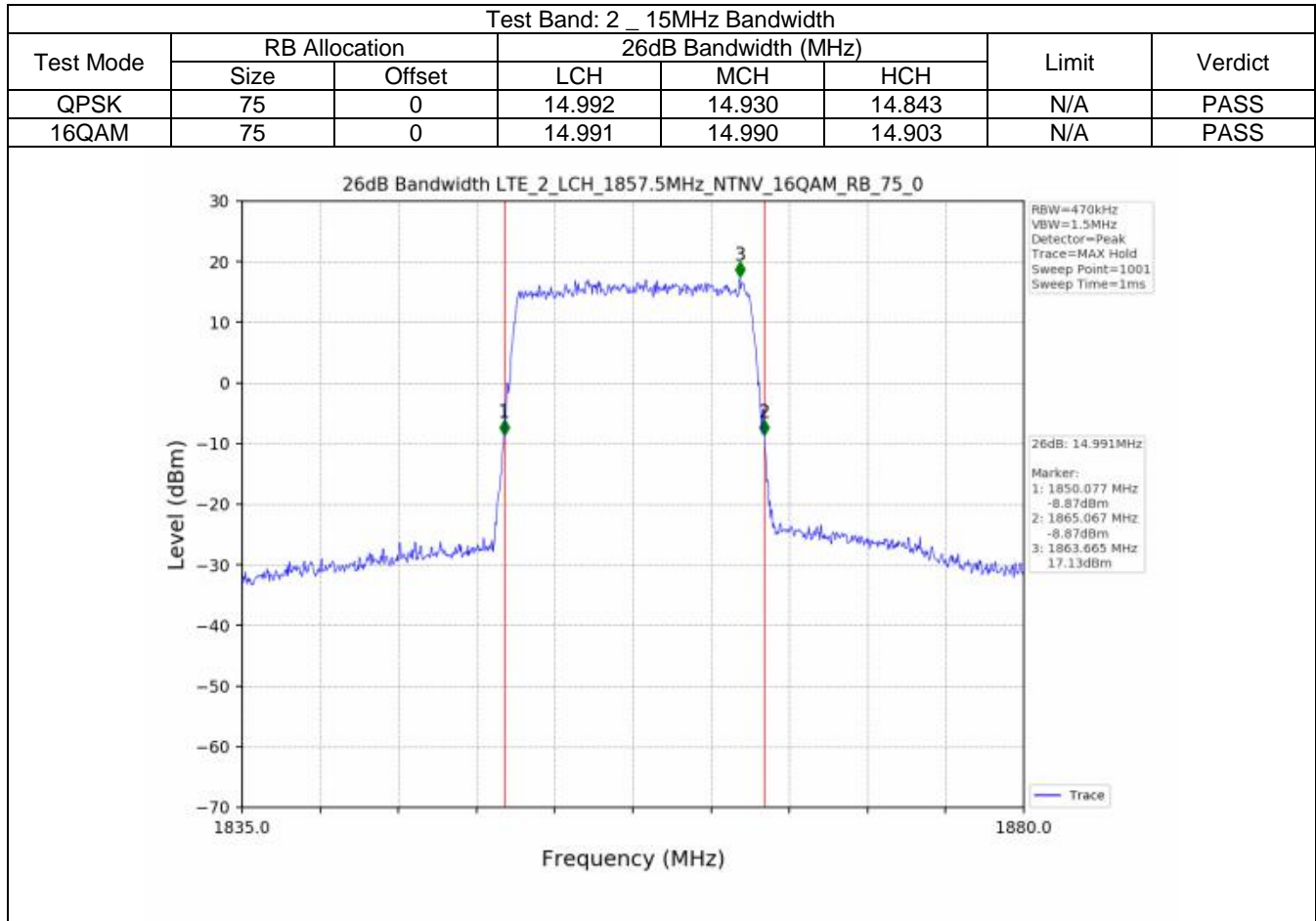


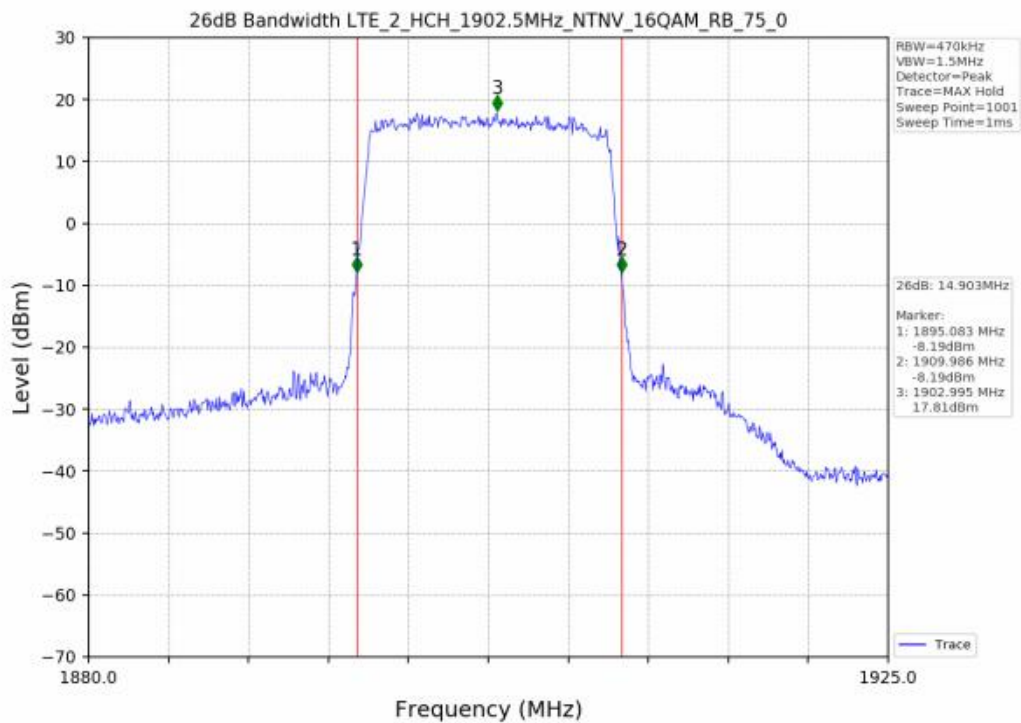
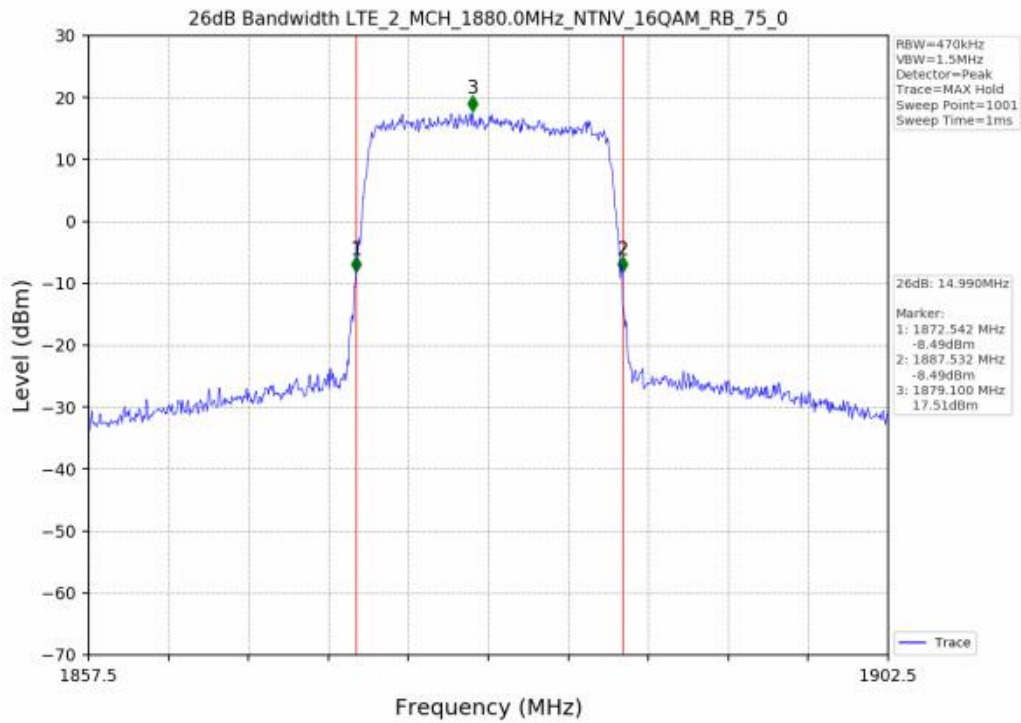


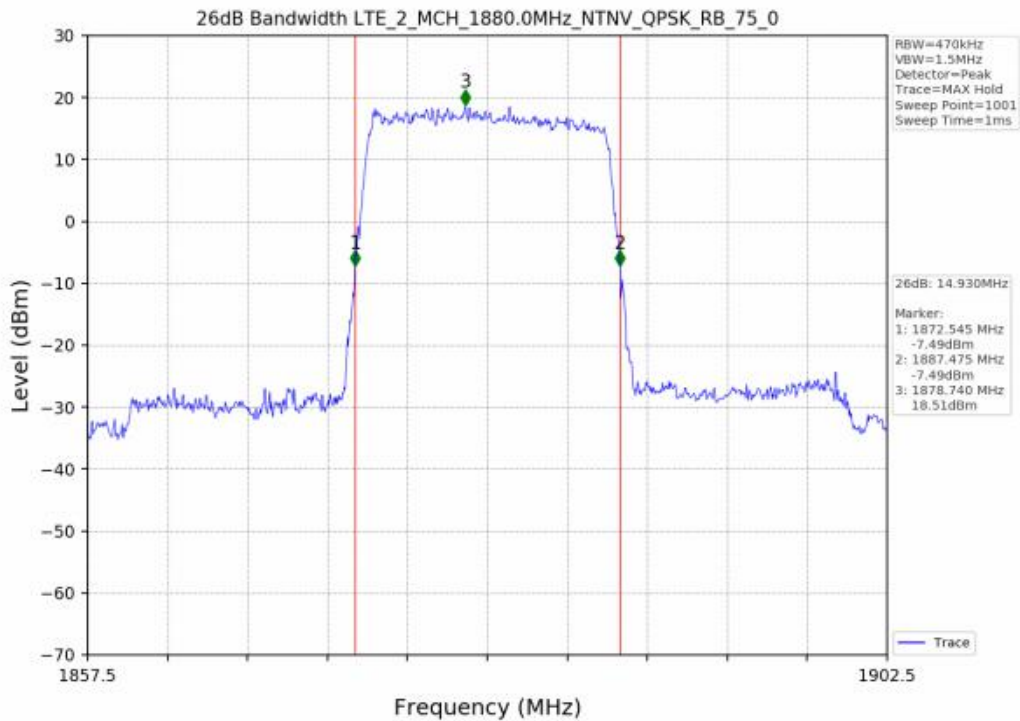
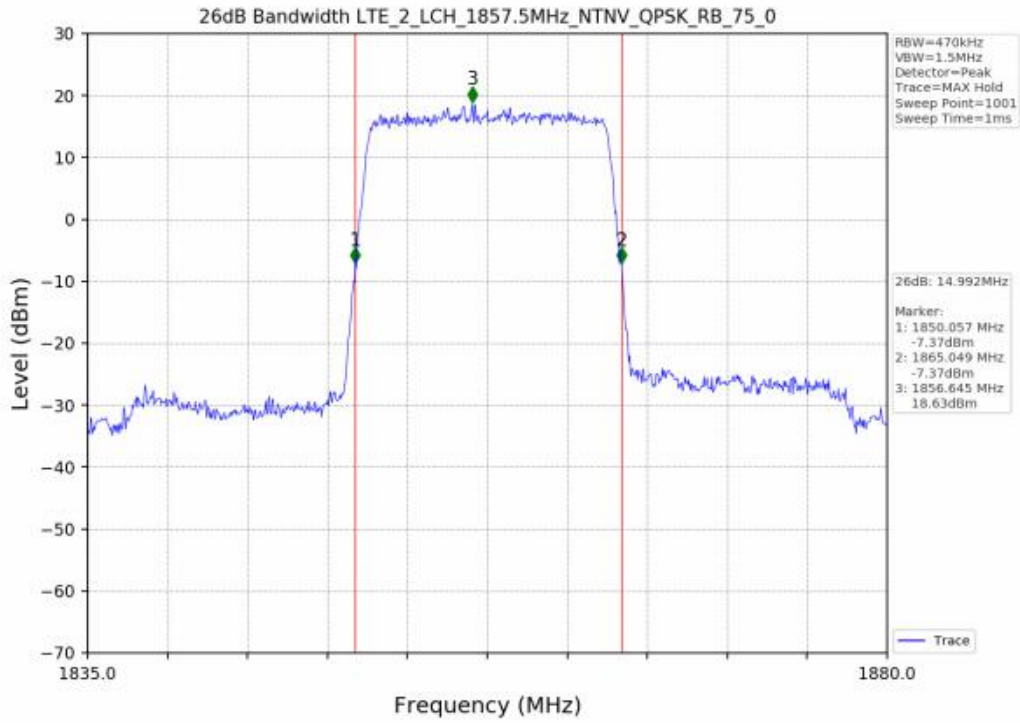


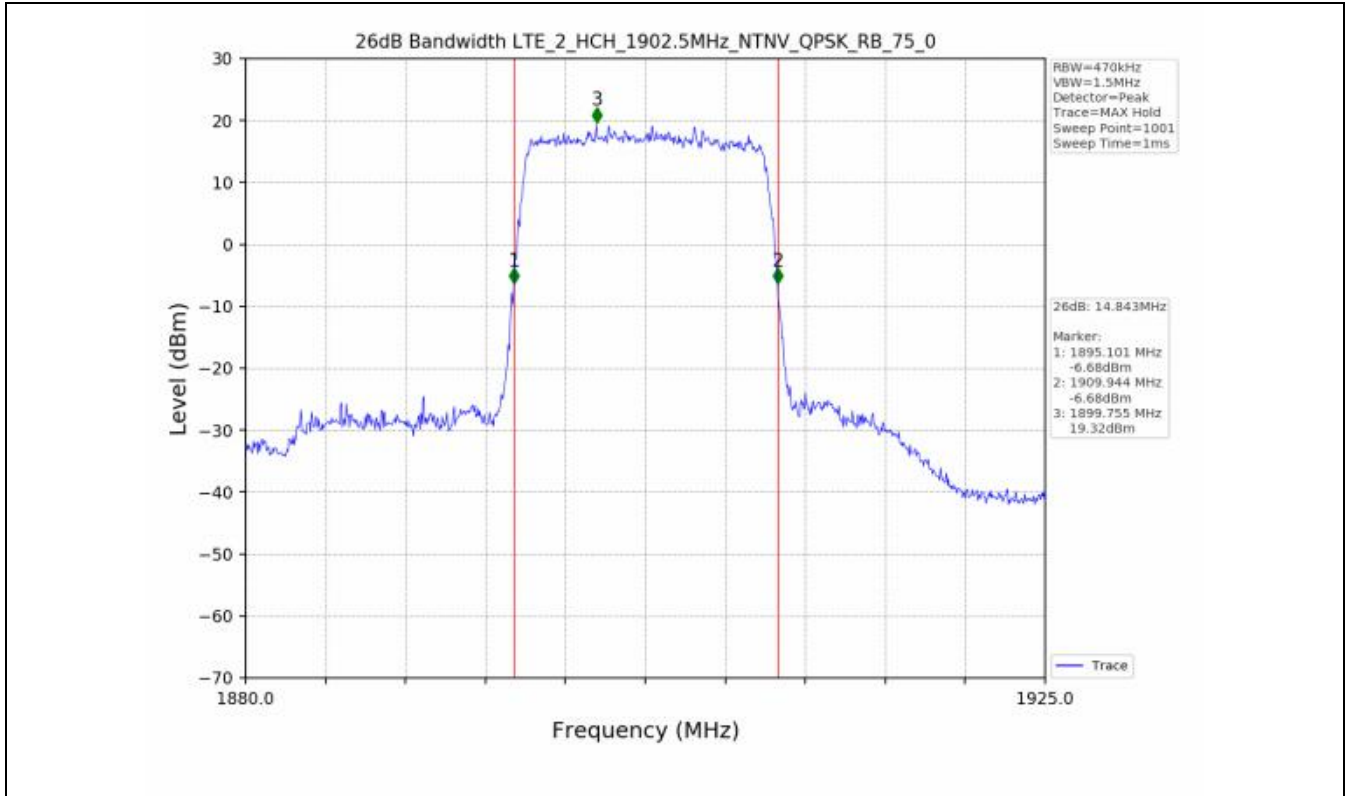


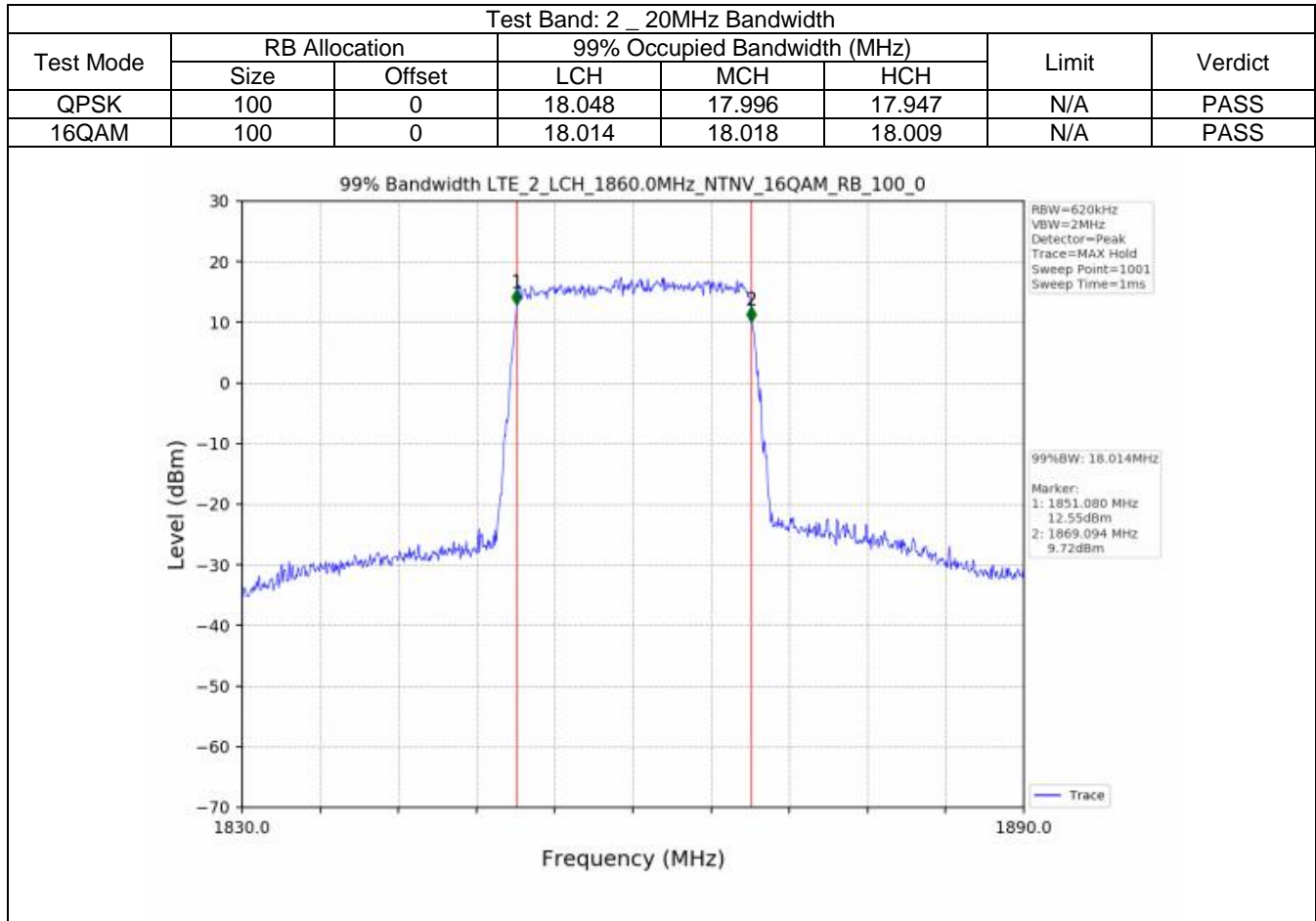


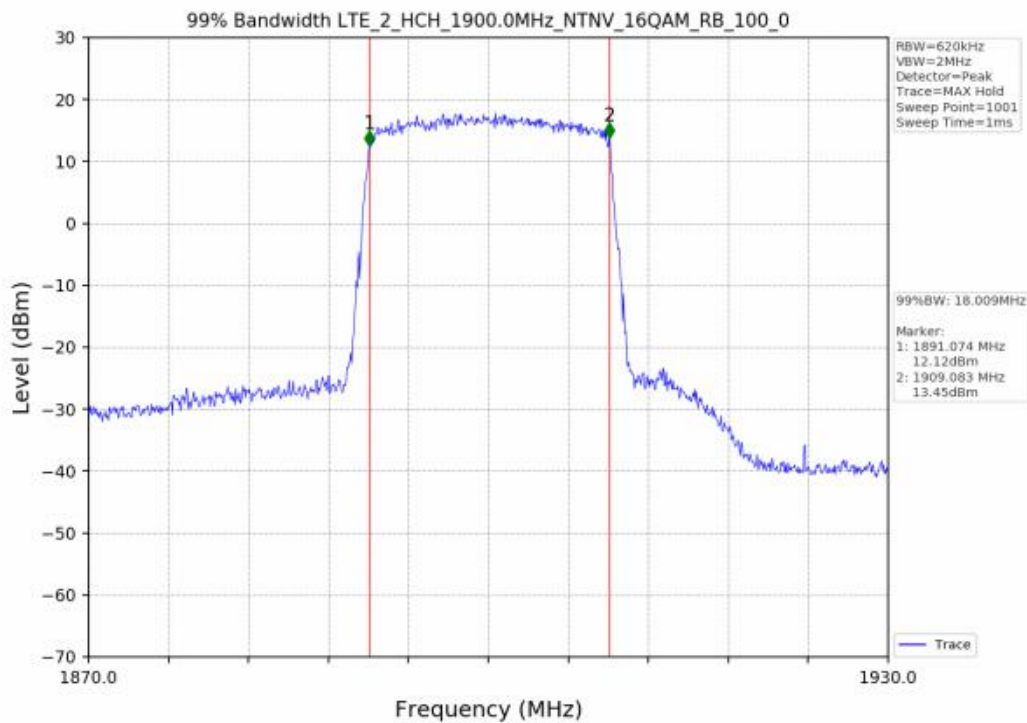
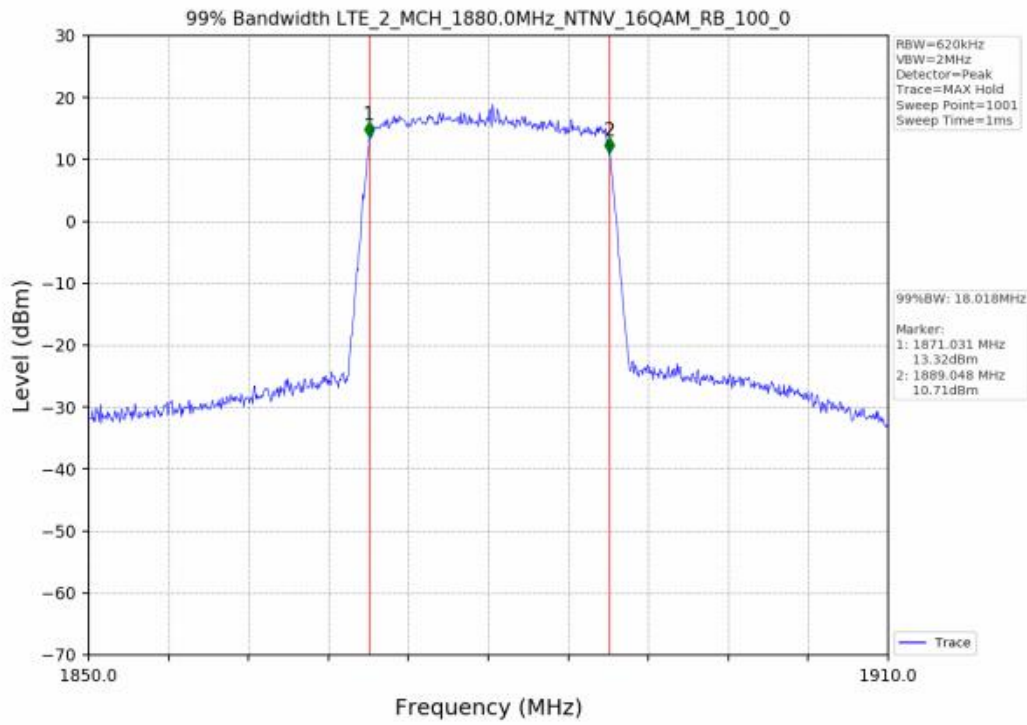


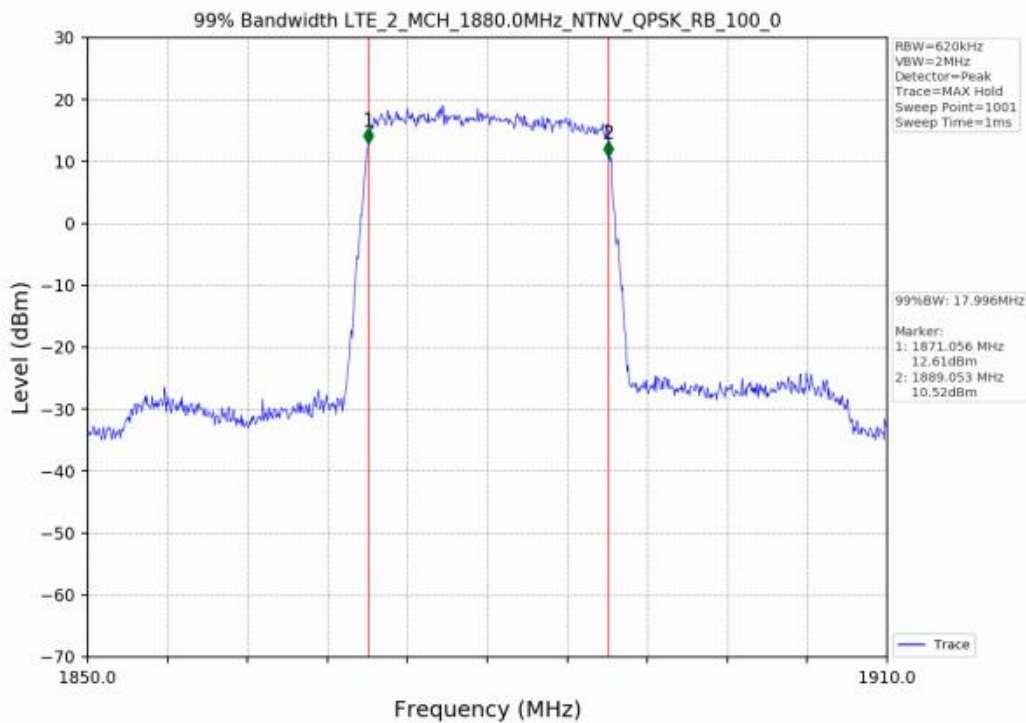
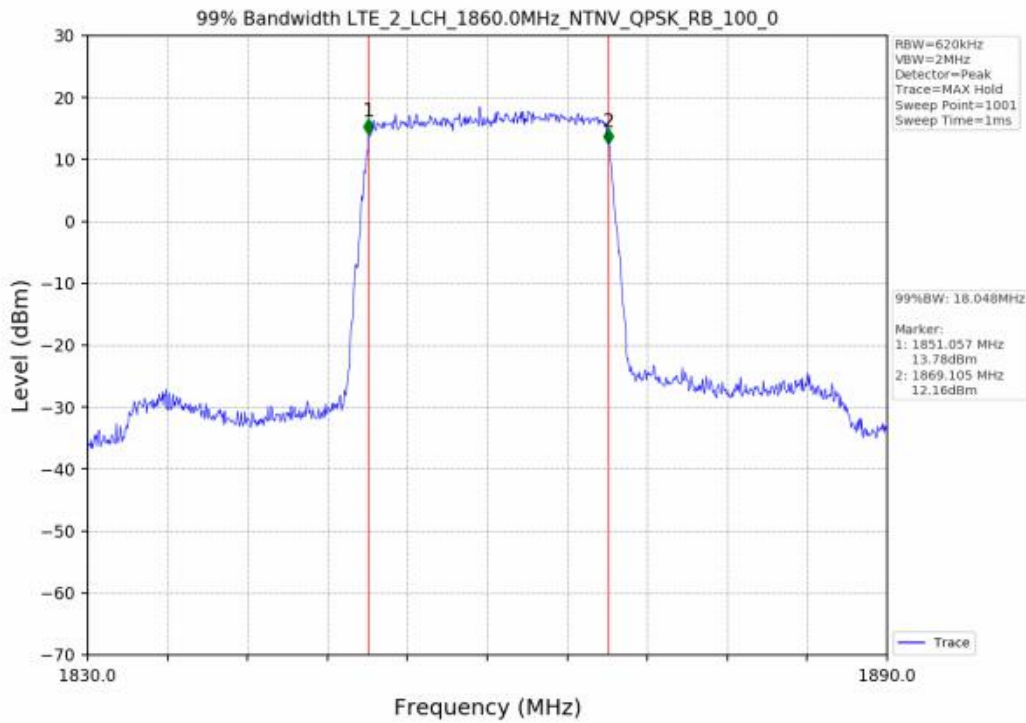


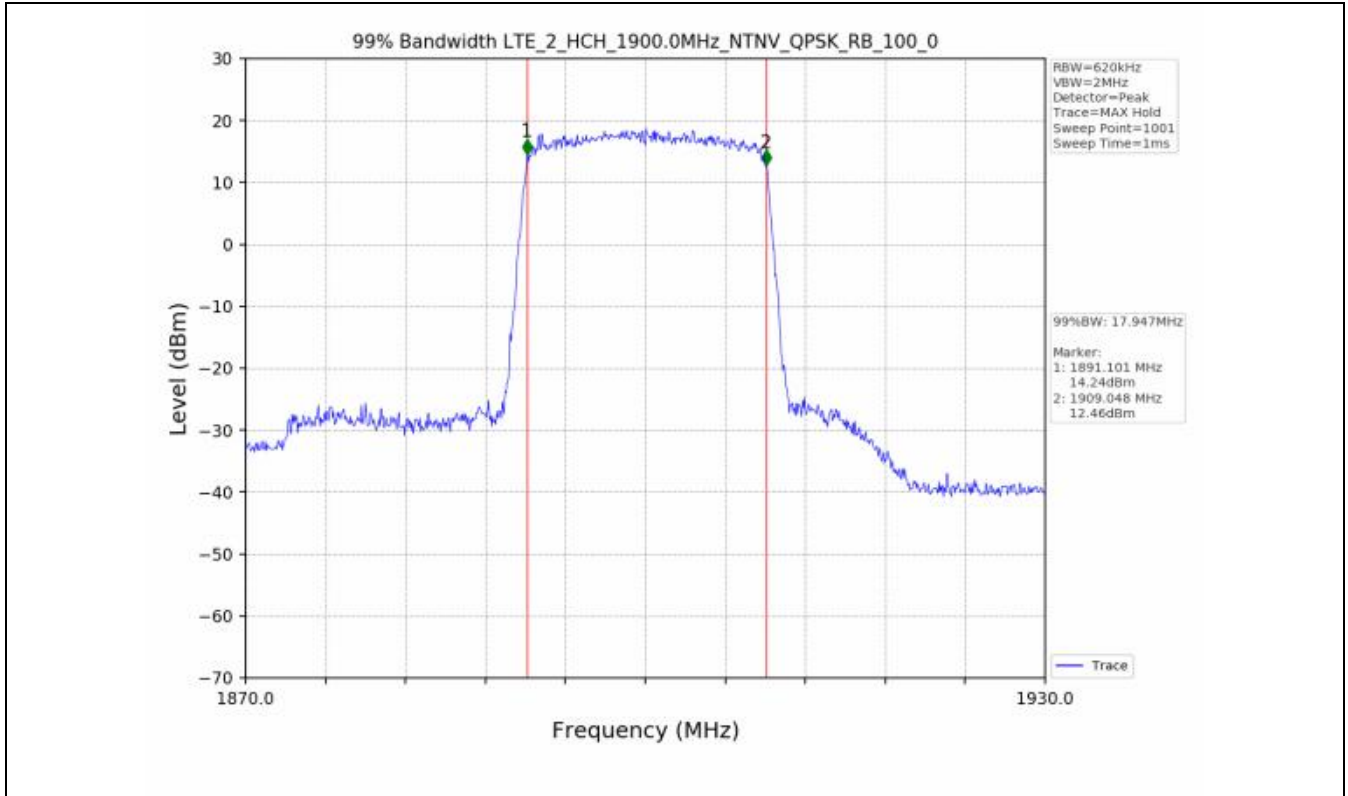


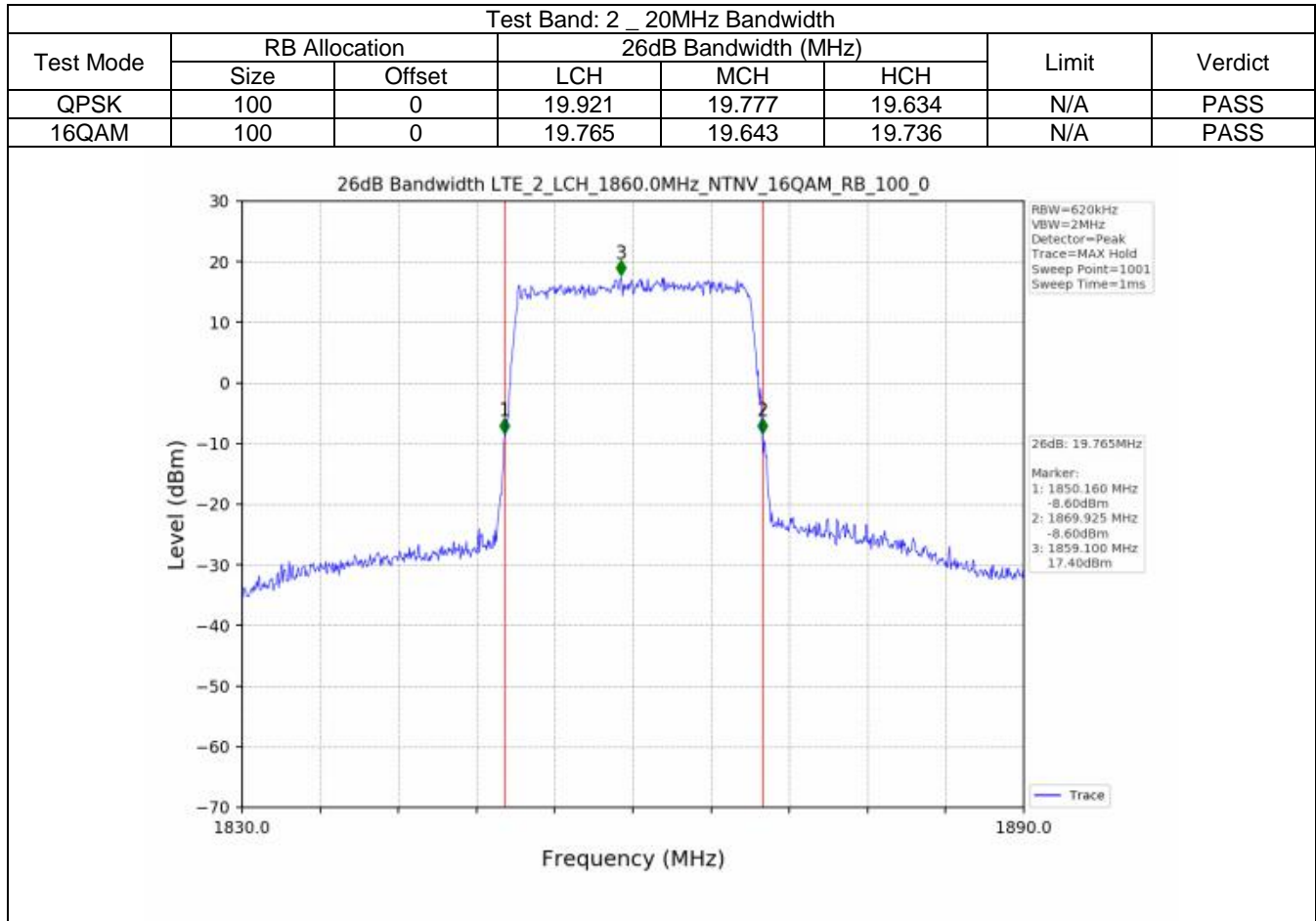


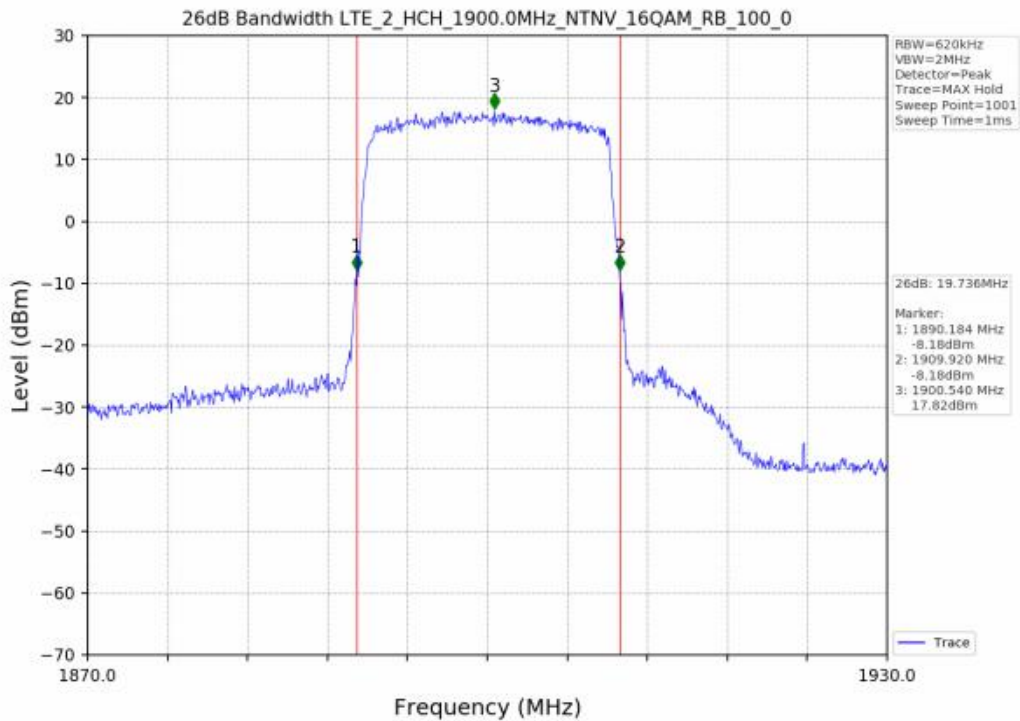
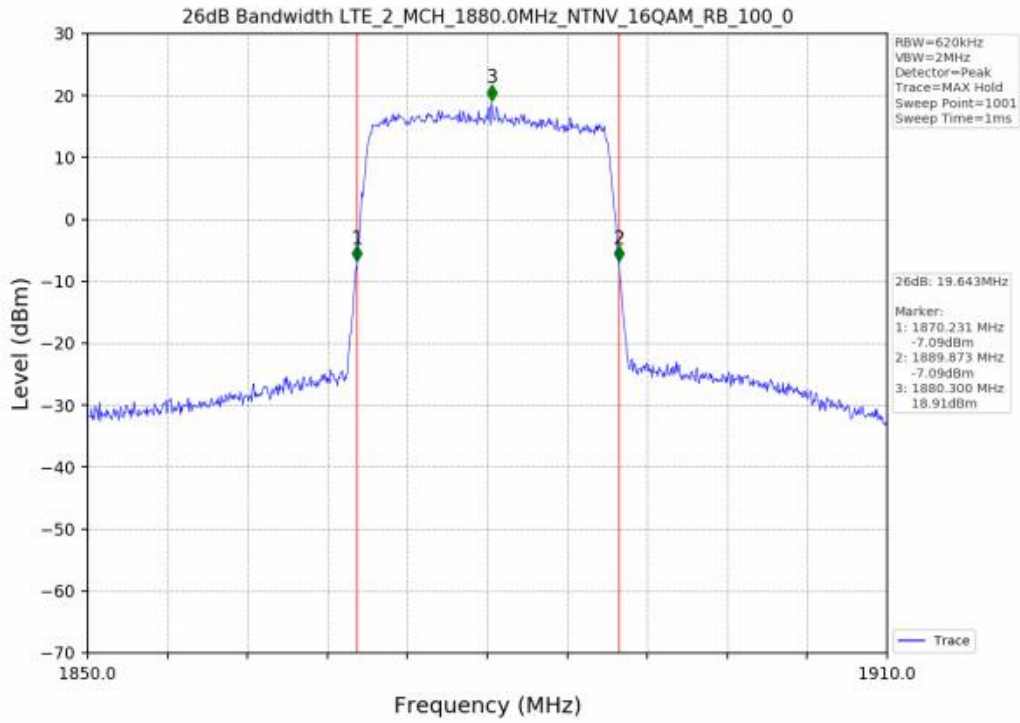


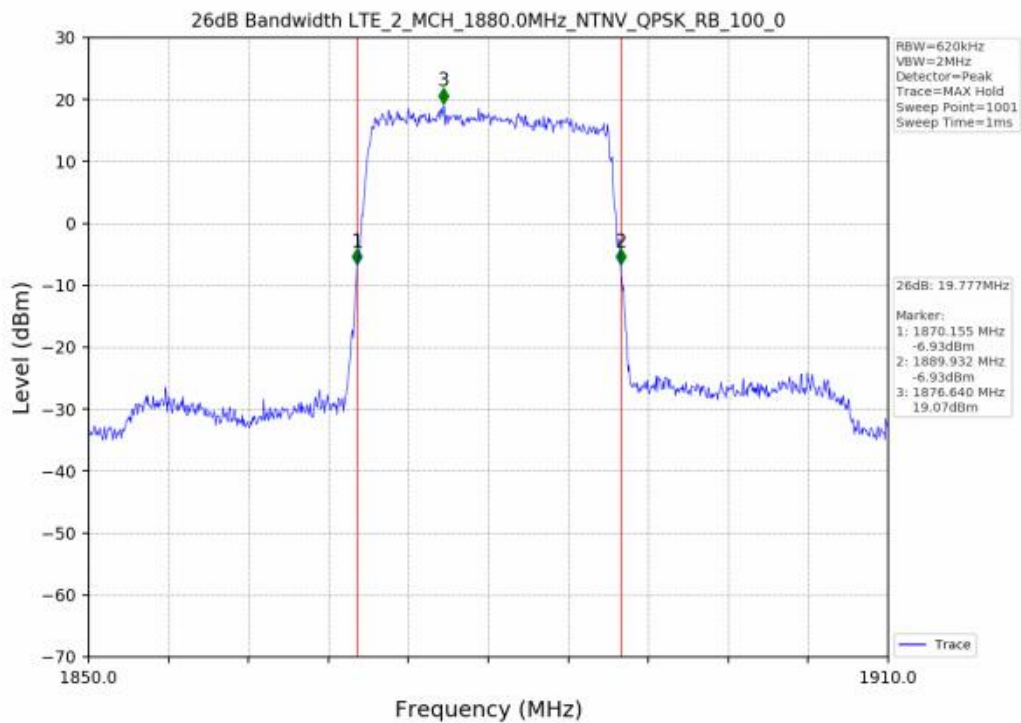
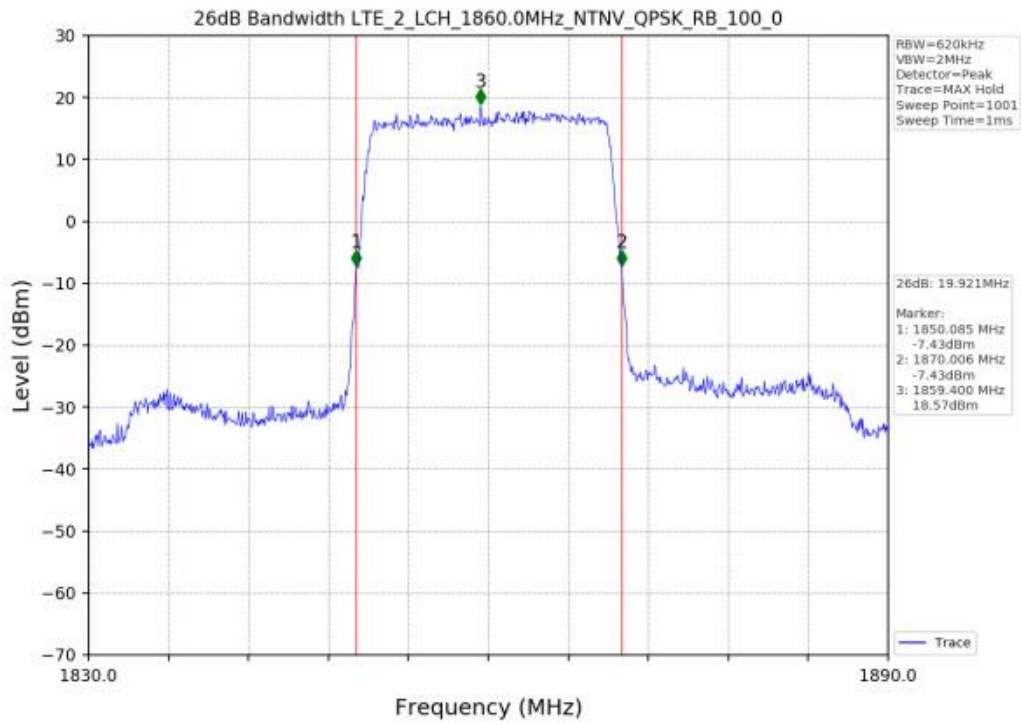


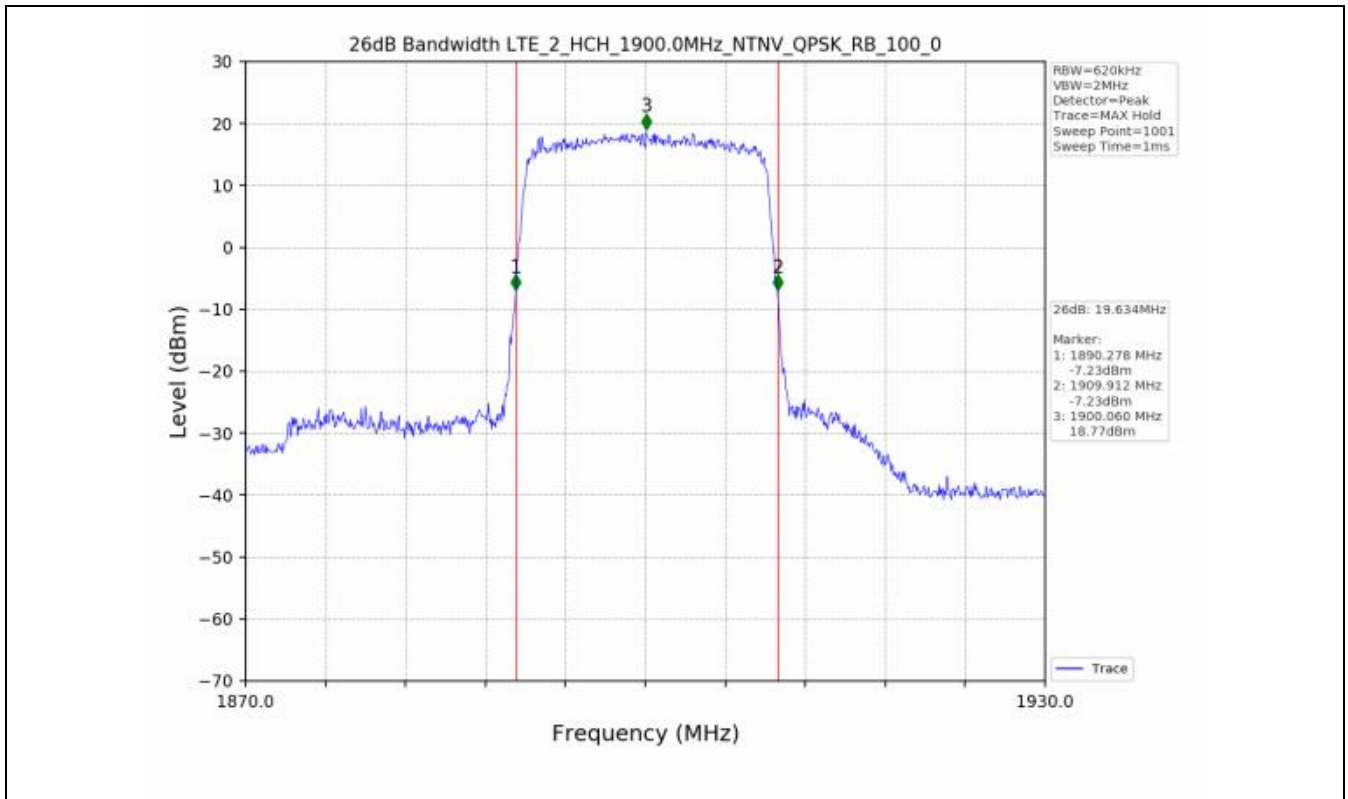








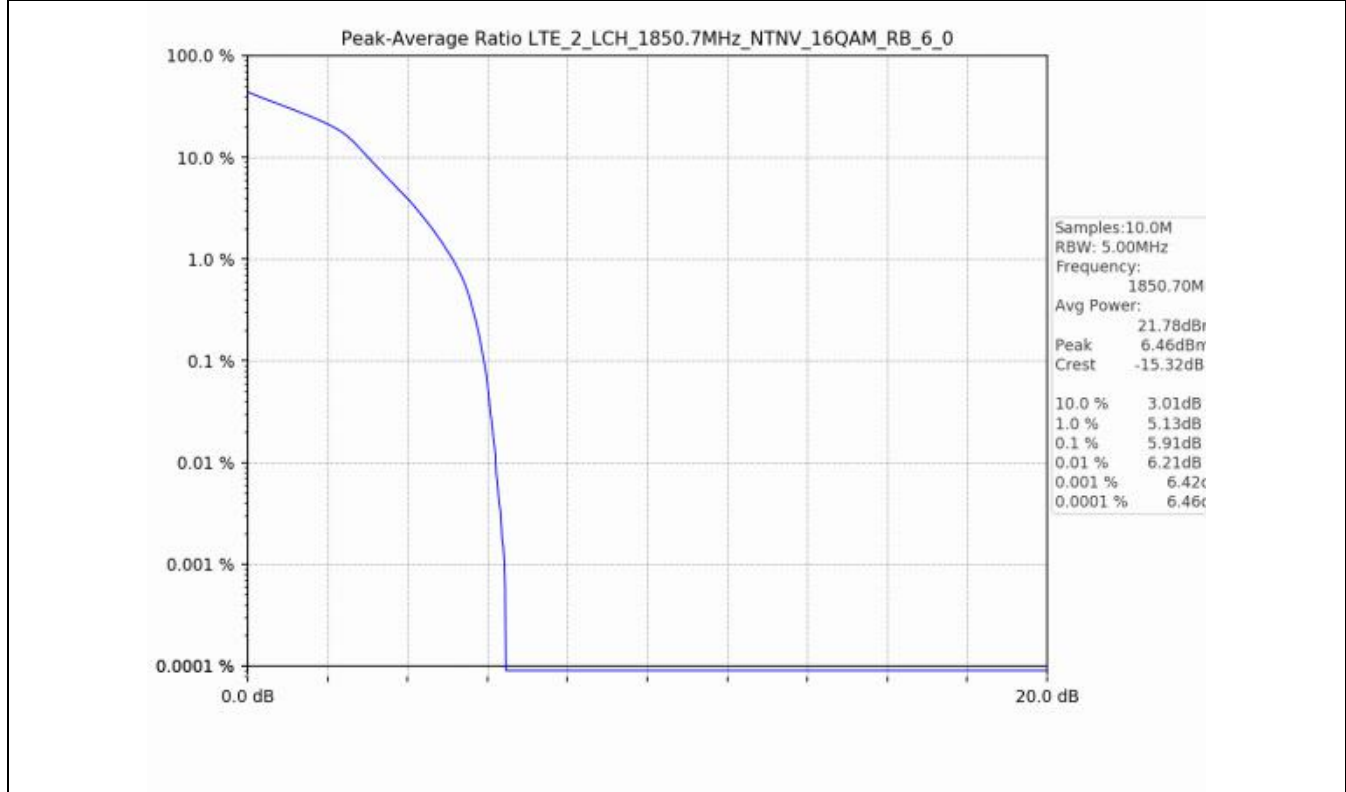


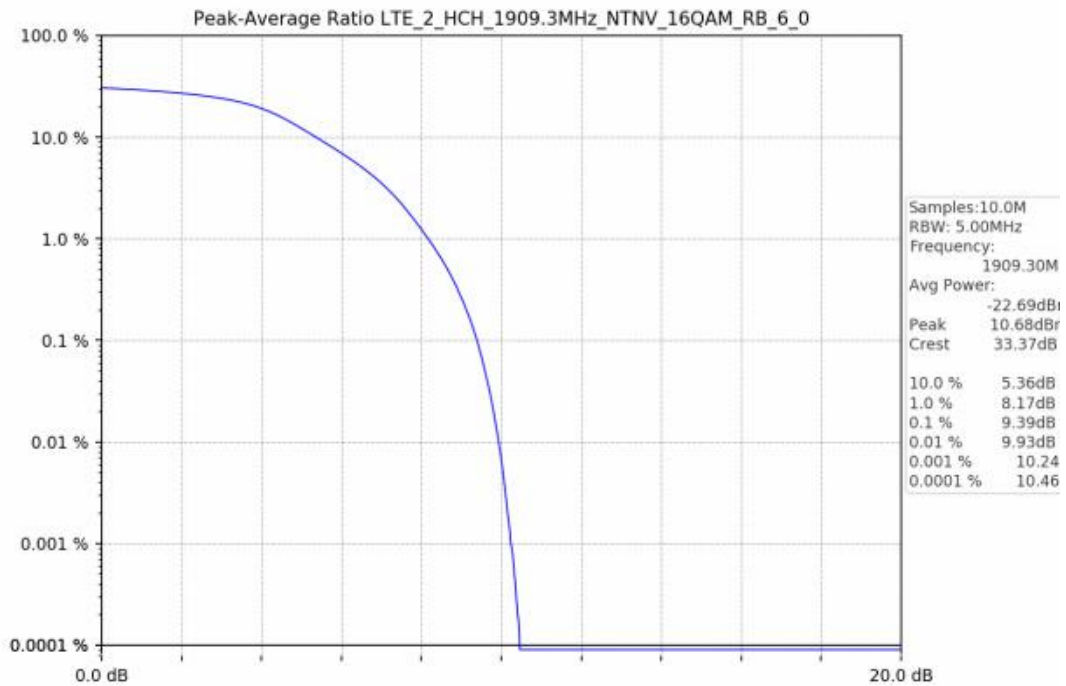
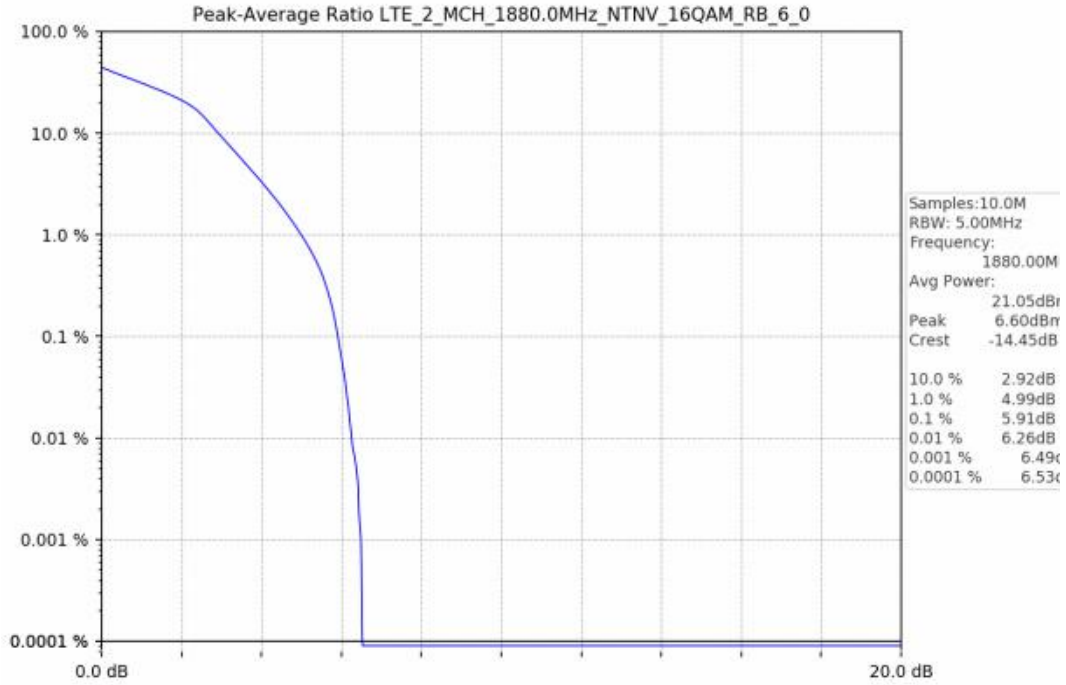


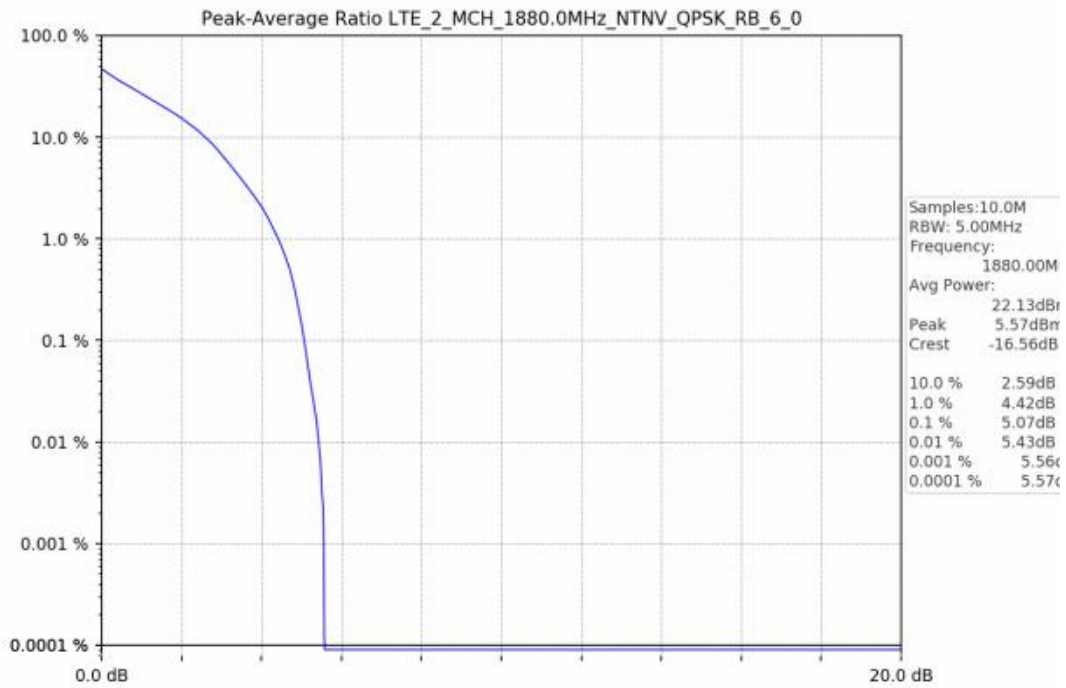
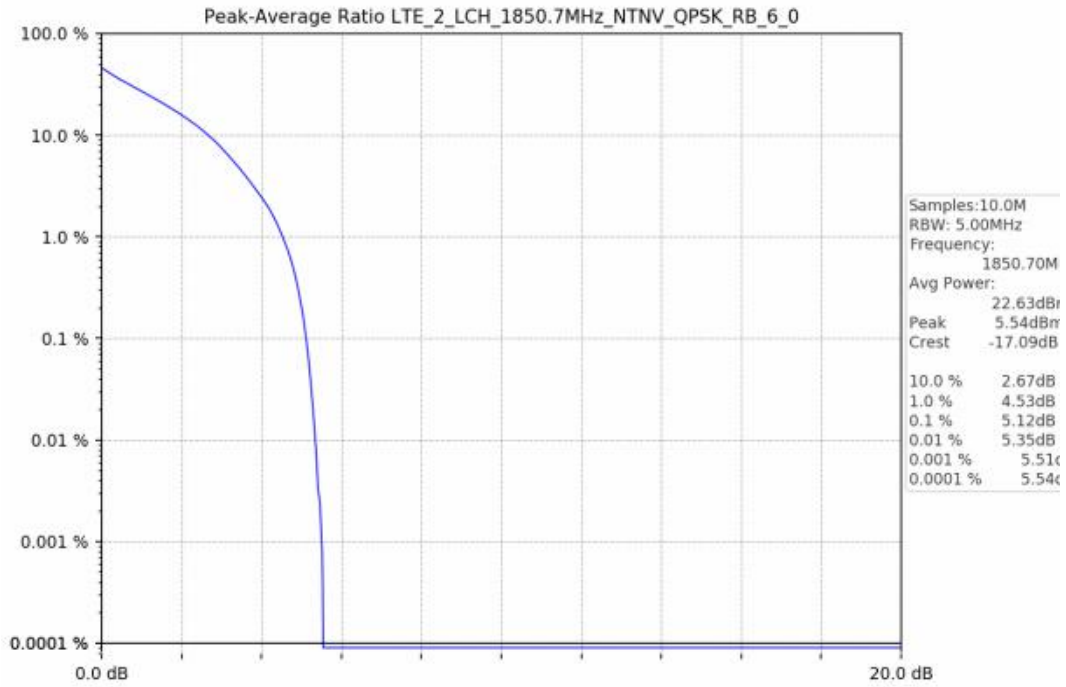
D4. Peak-Average Ratio

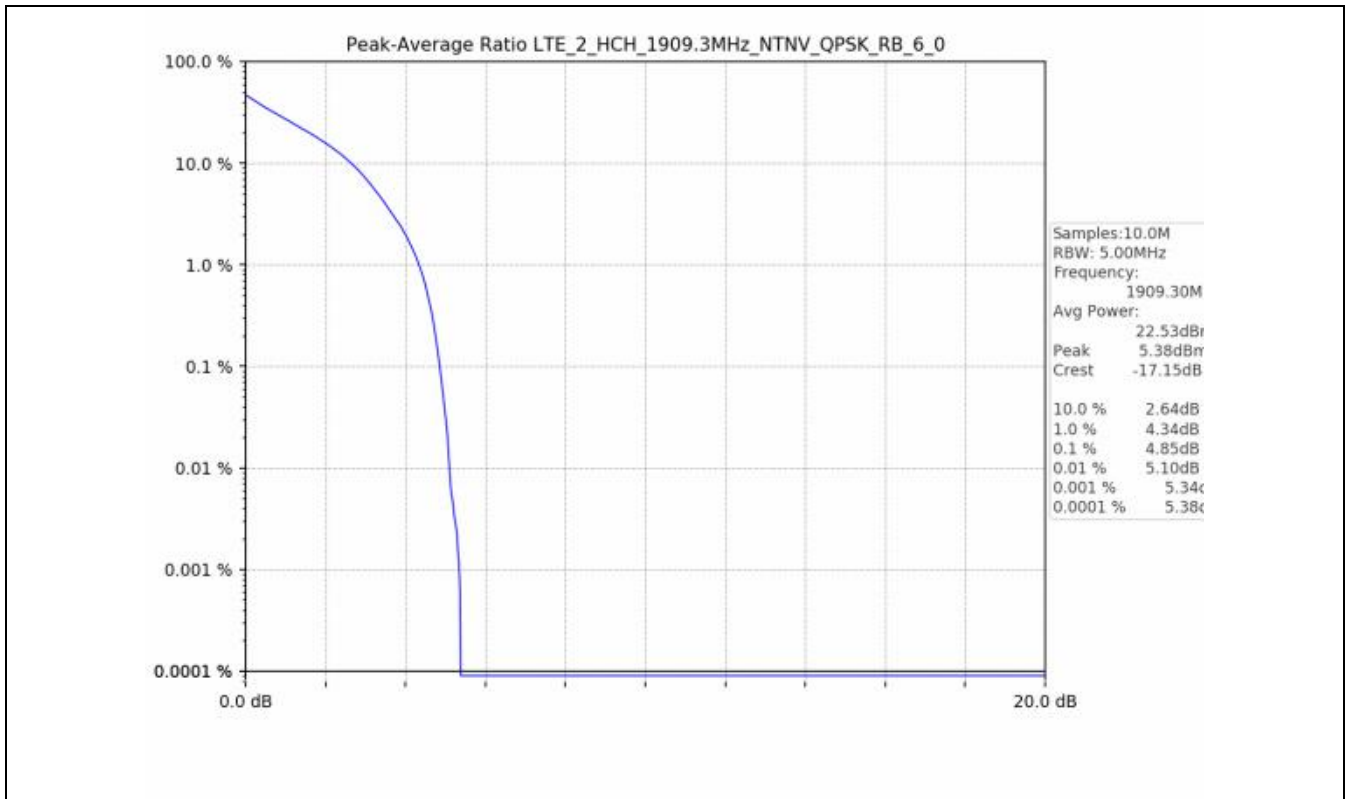
D4.1 Test Result

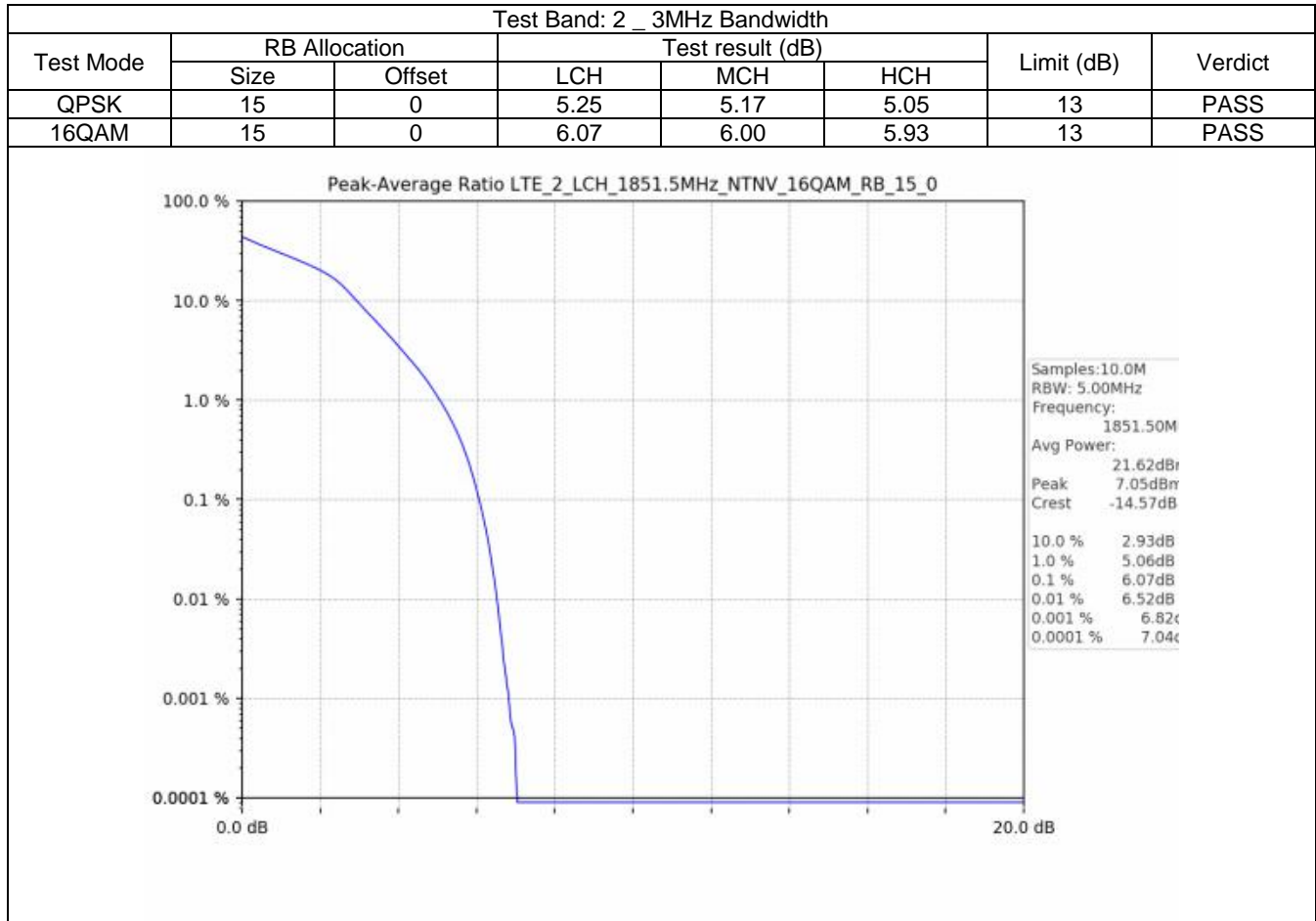
Test Band: 2 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	5.12	5.07	4.85	13	PASS
16QAM	6	0	5.91	5.91	9.39	13	PASS

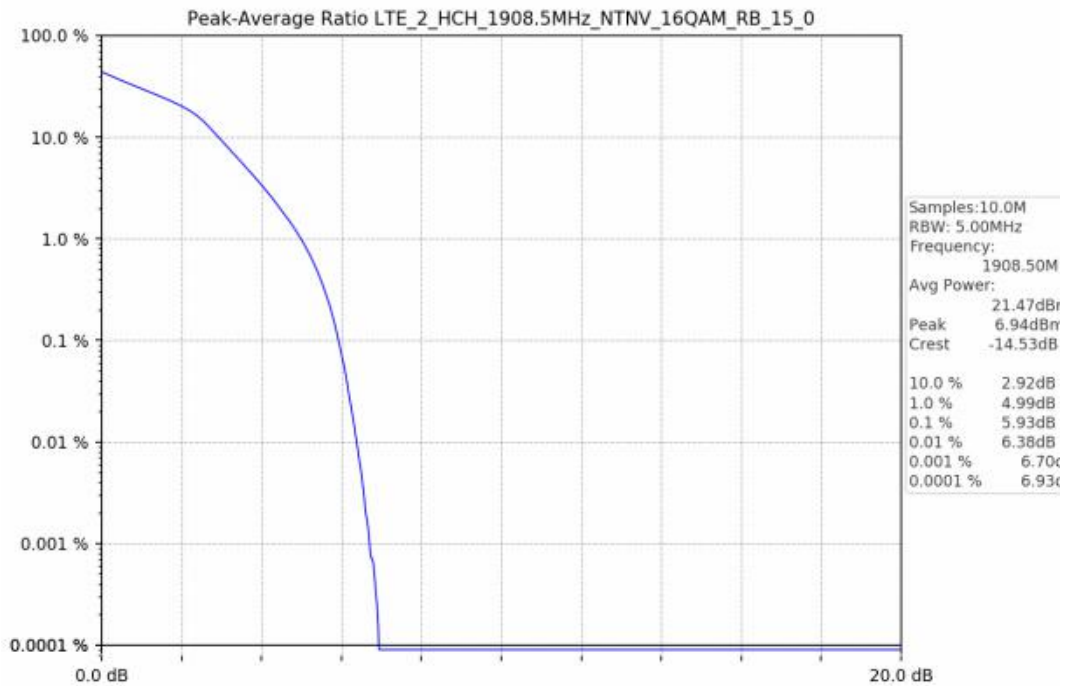
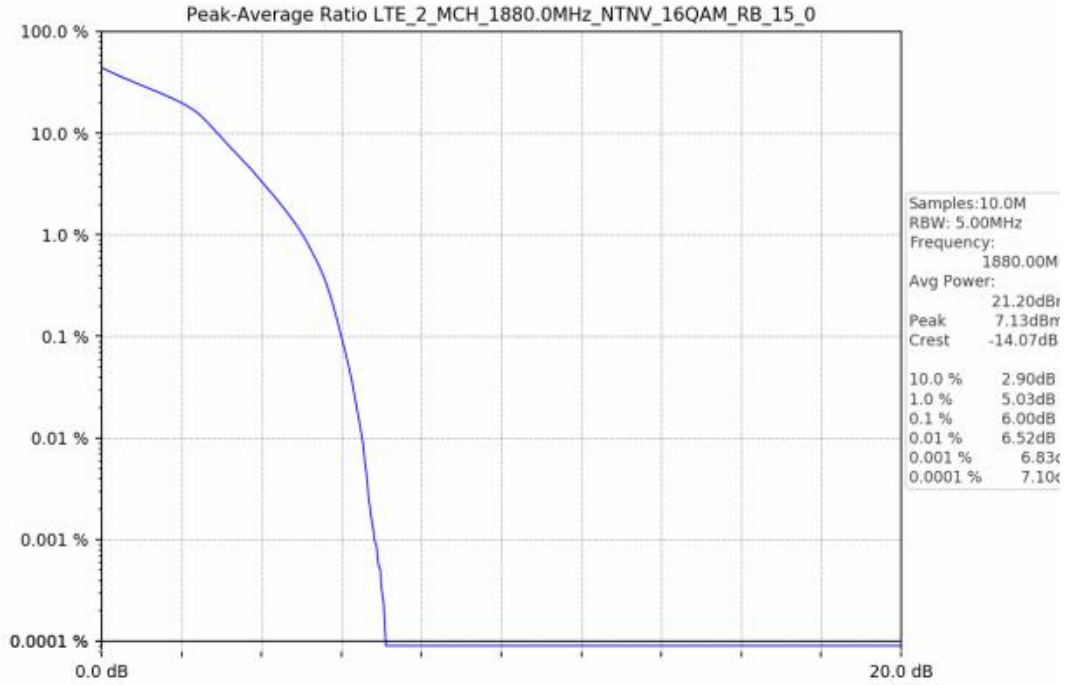


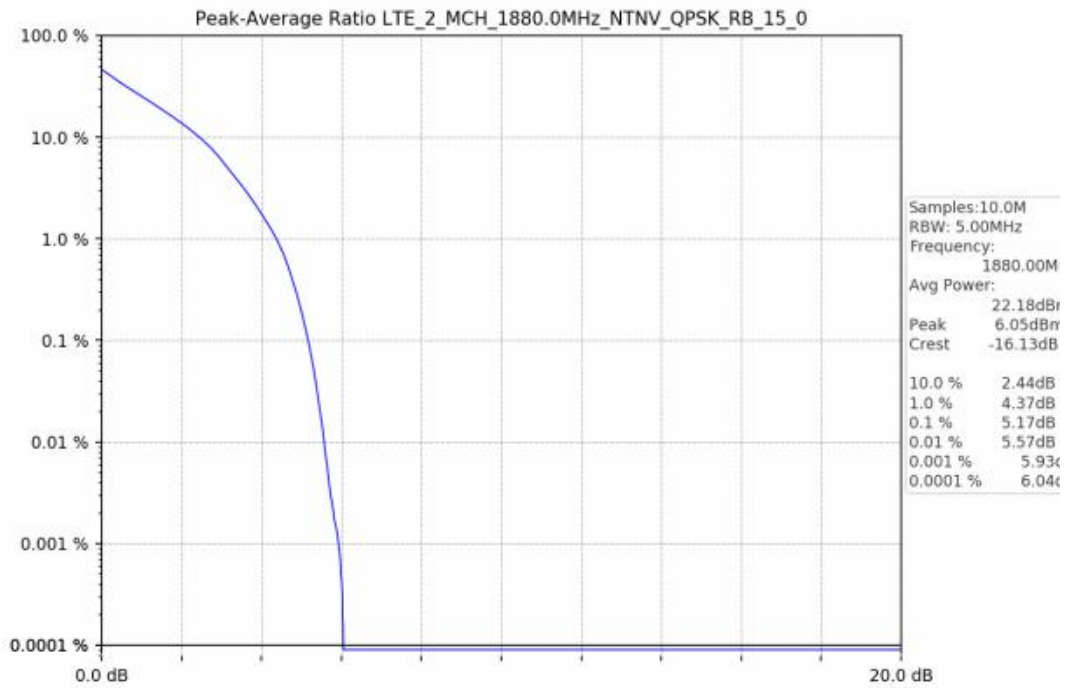
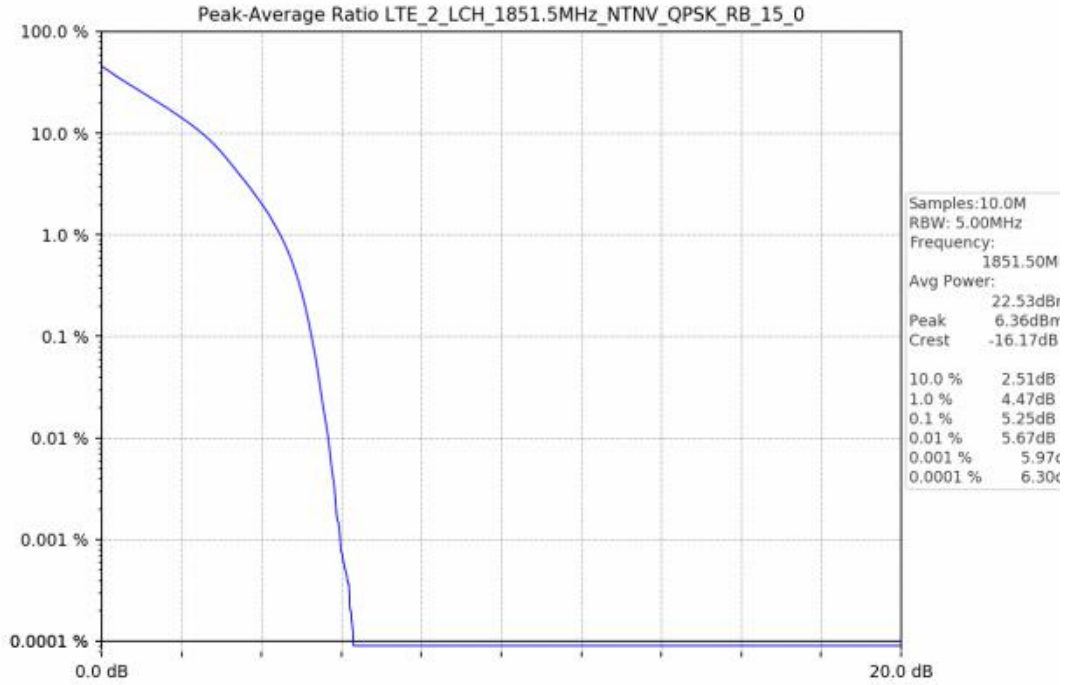


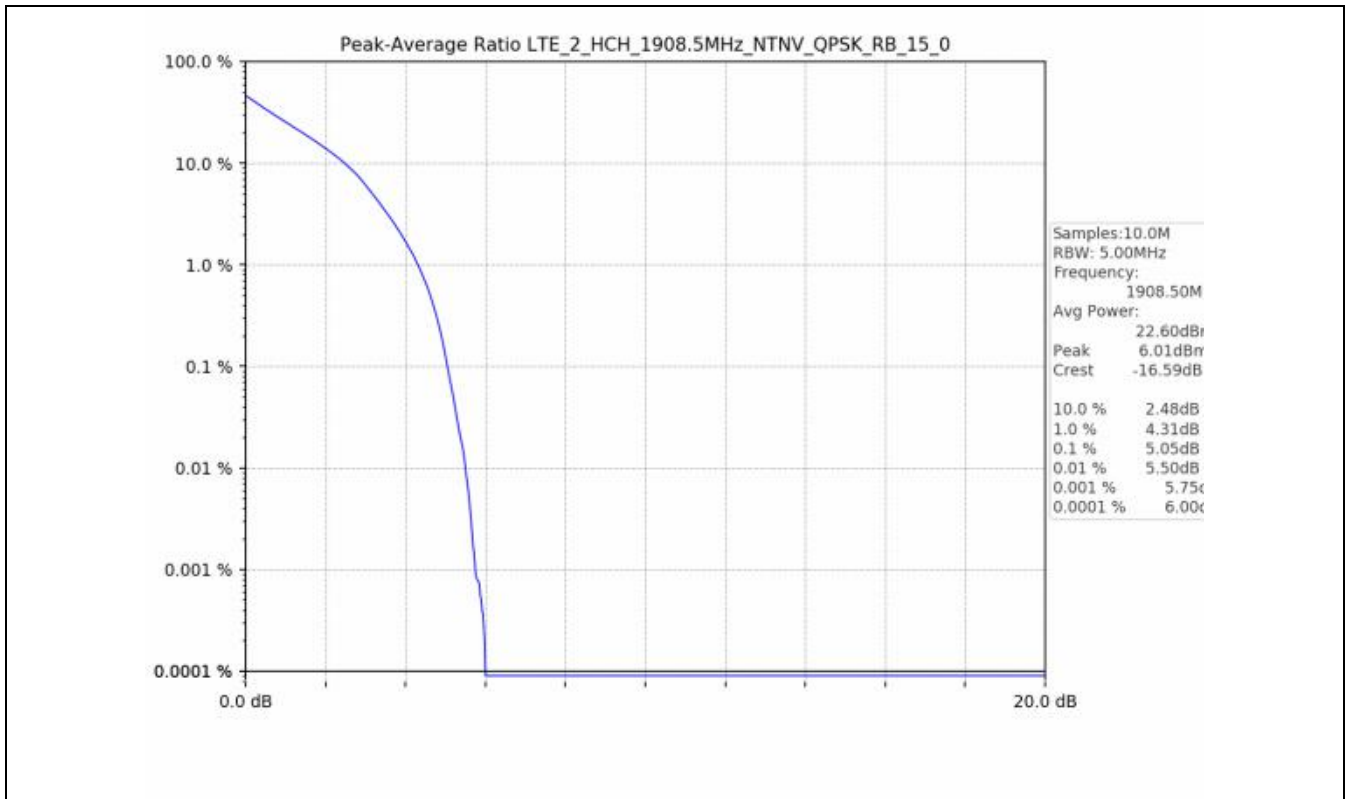




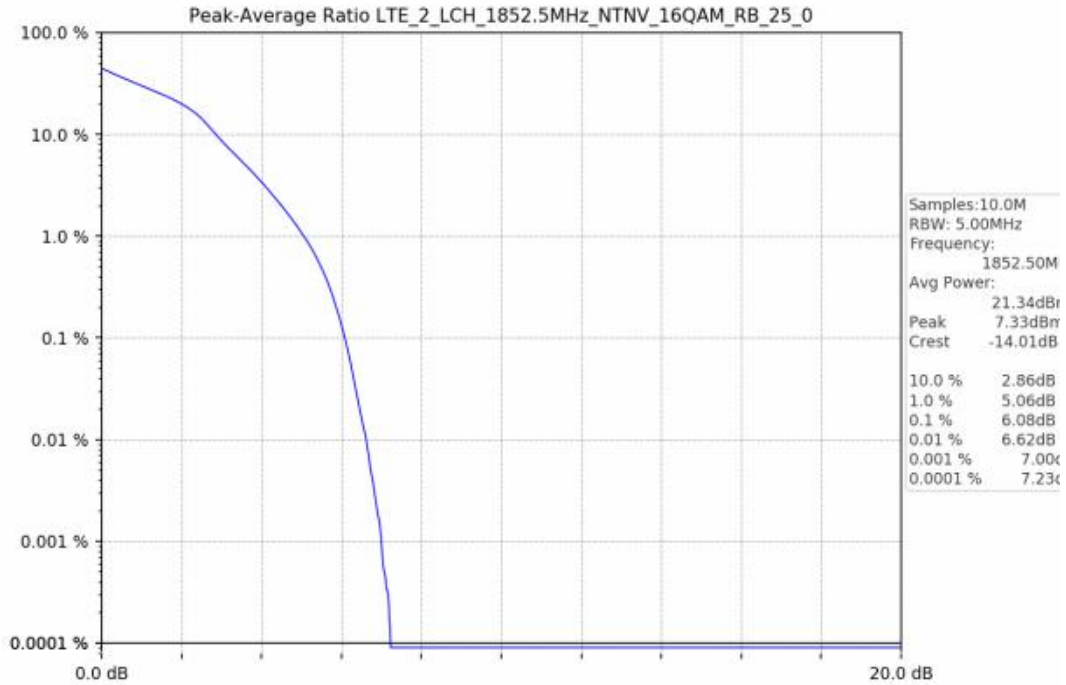


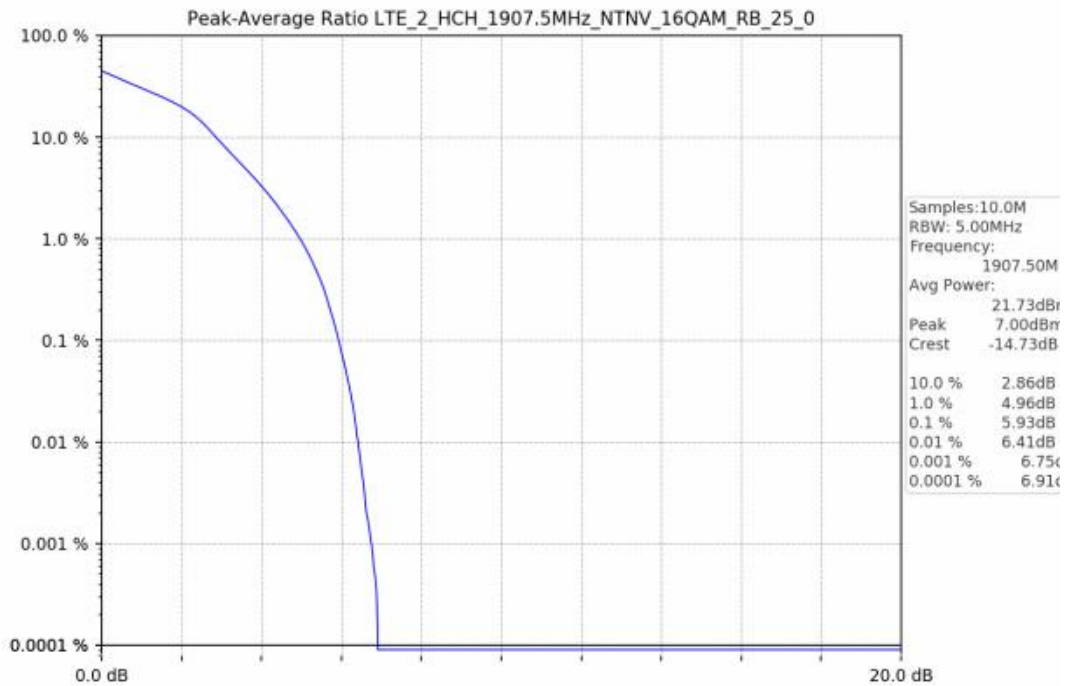
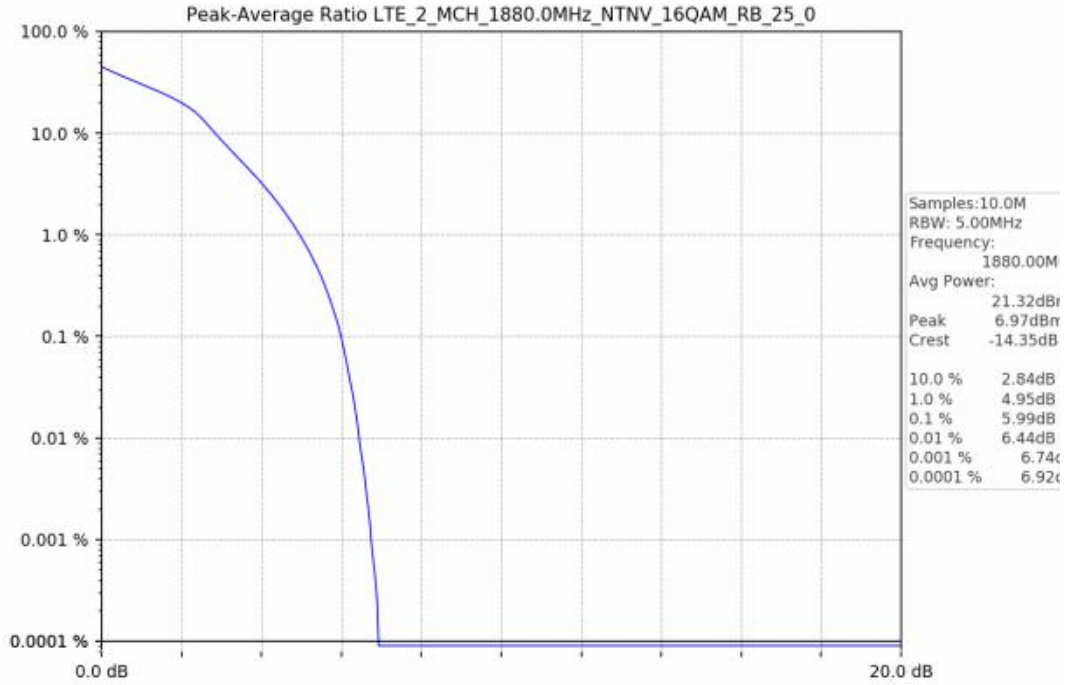


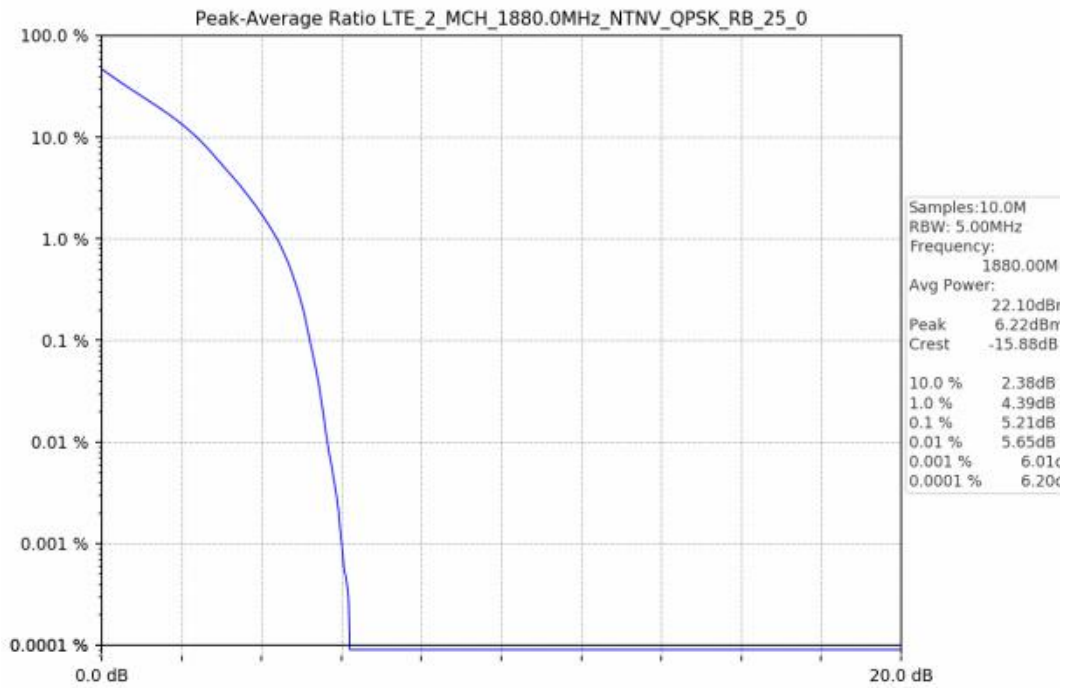
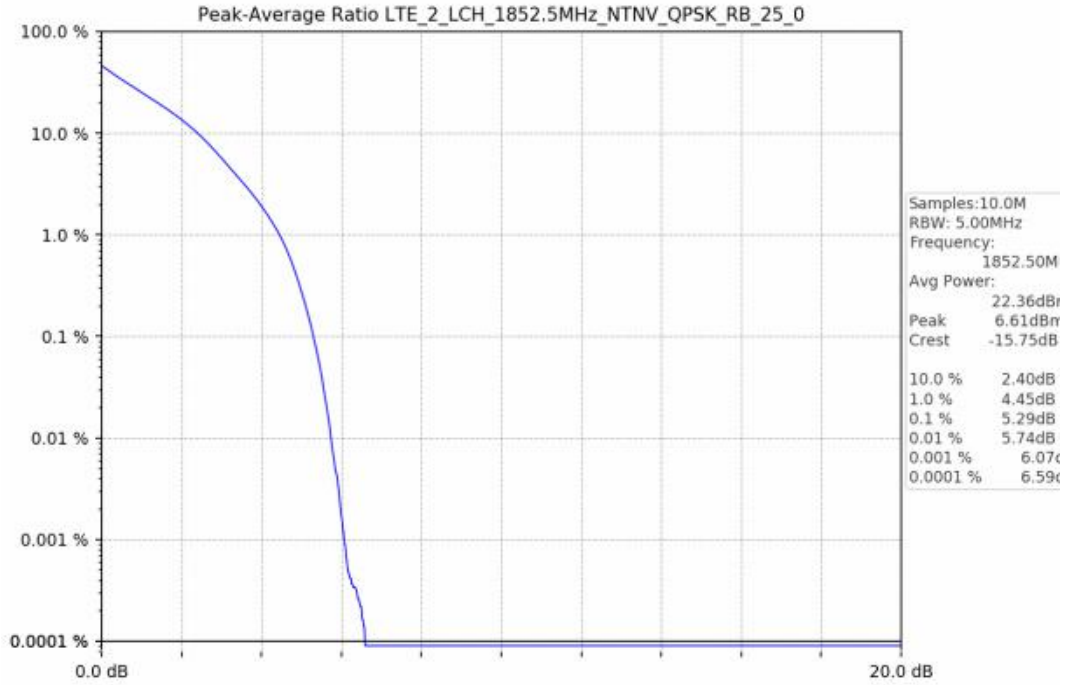


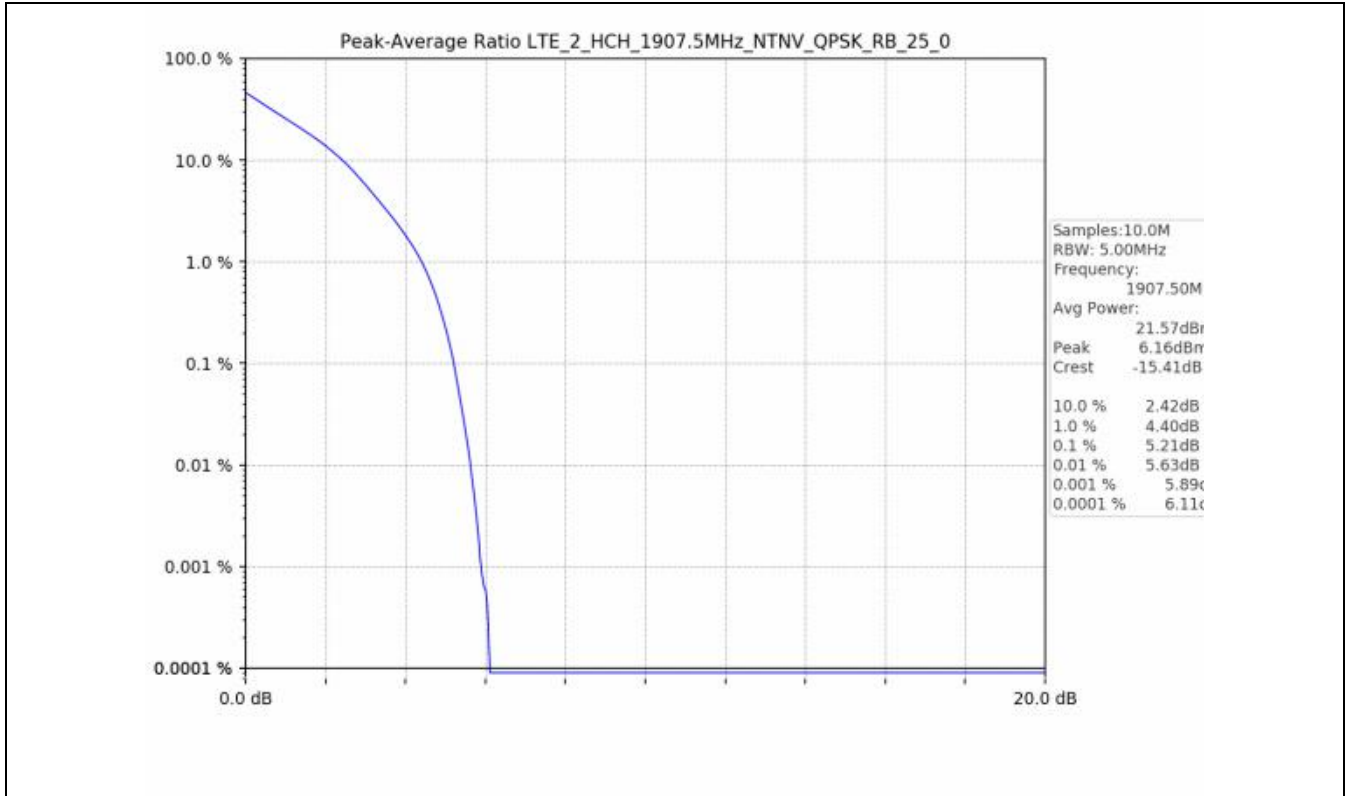


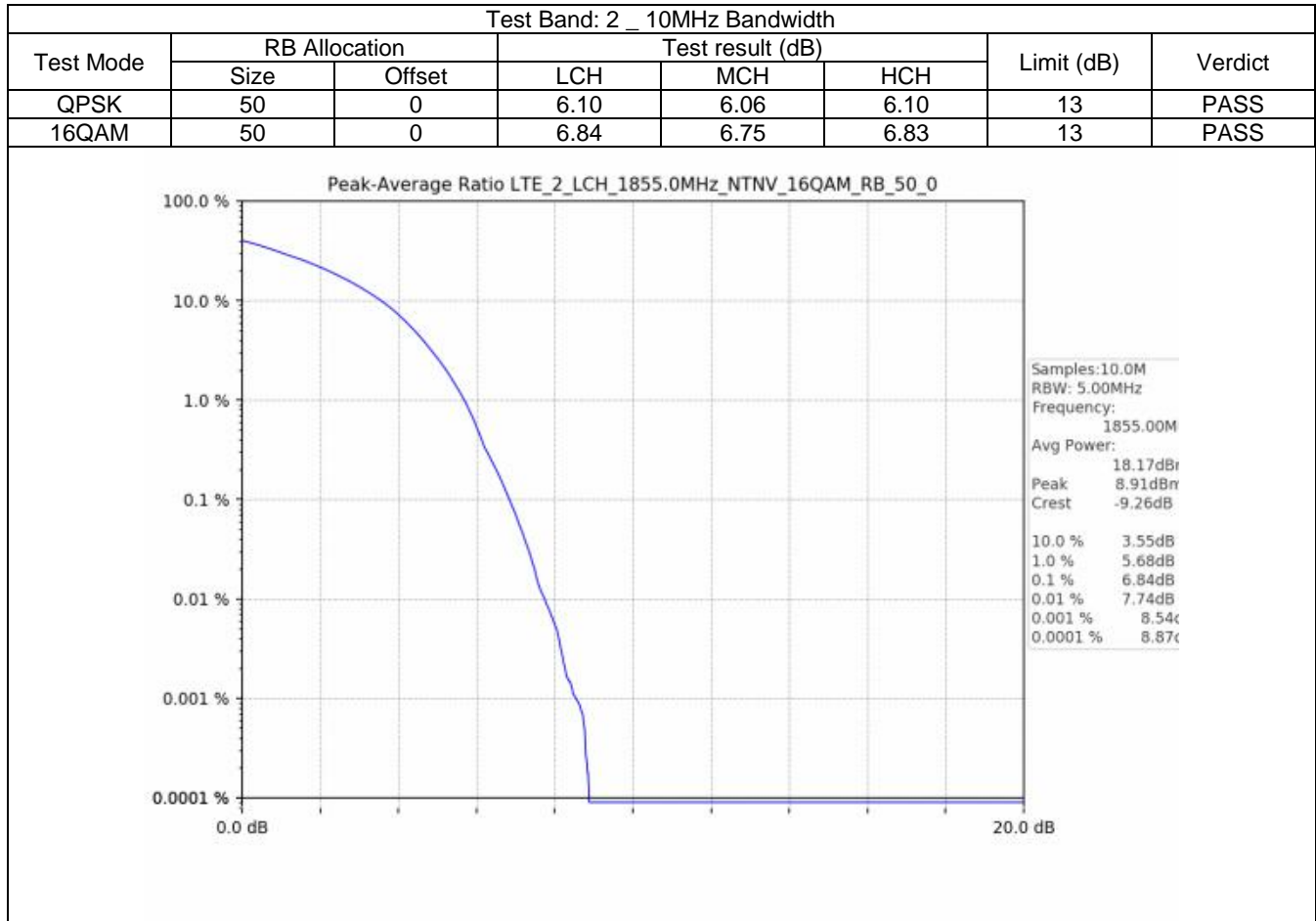
Test Band: 2 _ 5MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.29	5.21	5.21	13	PASS
16QAM	25	0	6.08	5.99	5.93	13	PASS

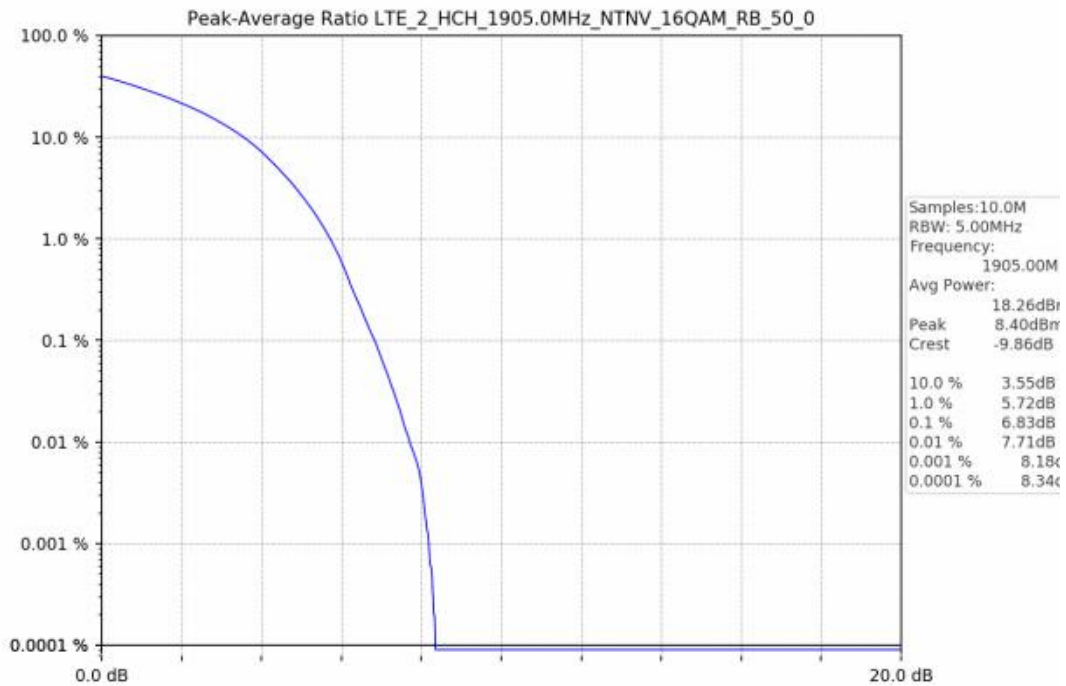
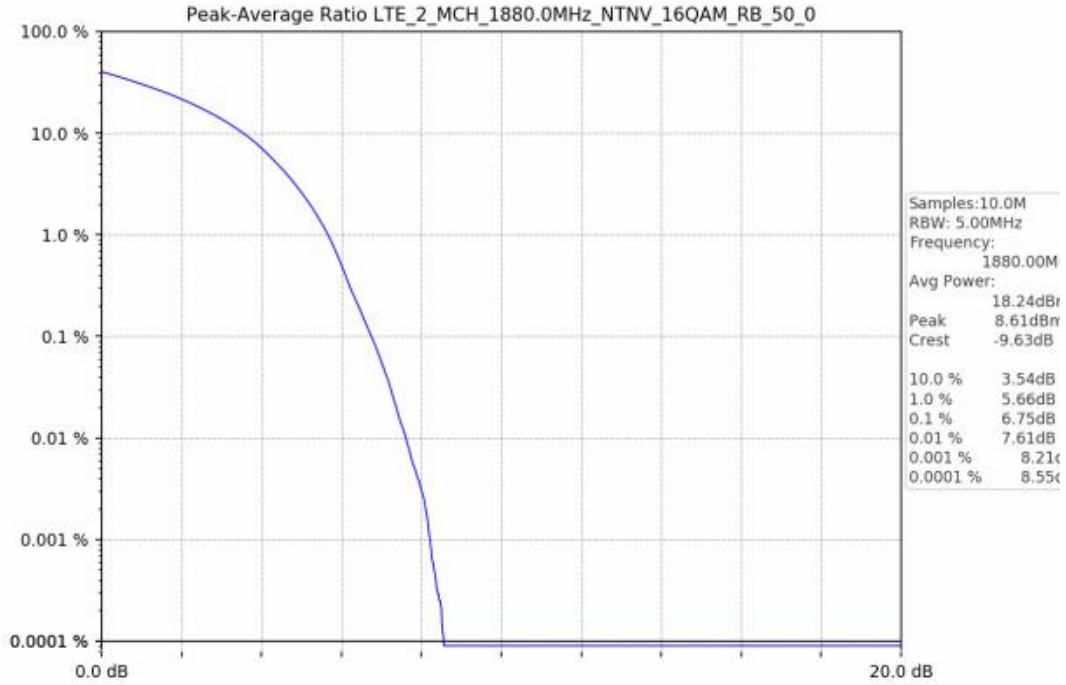


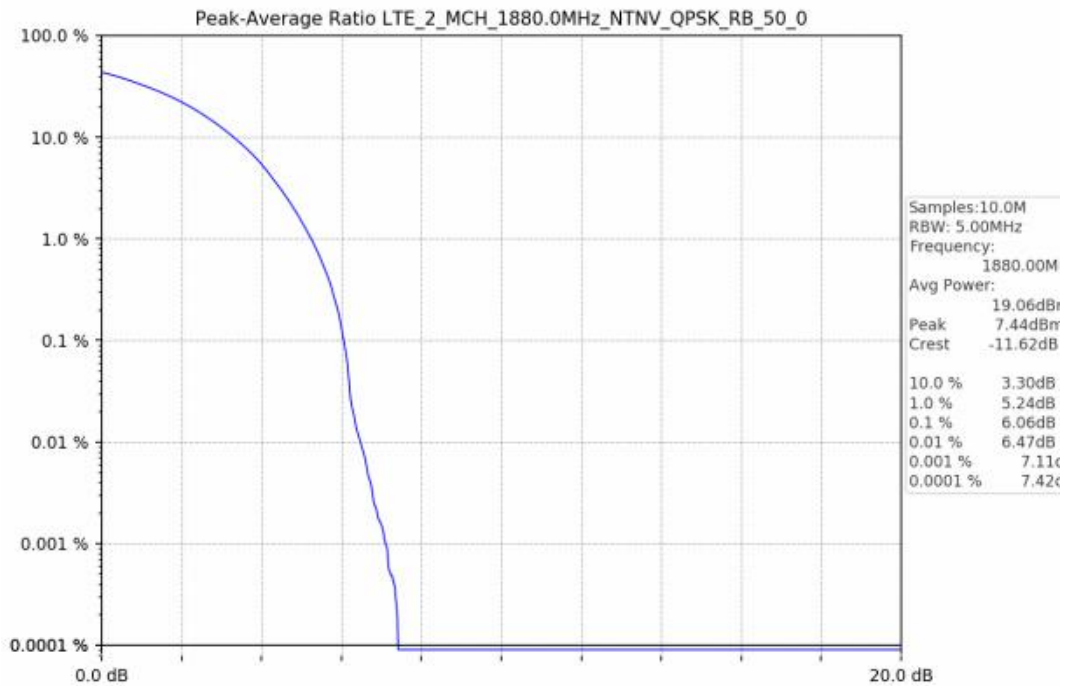
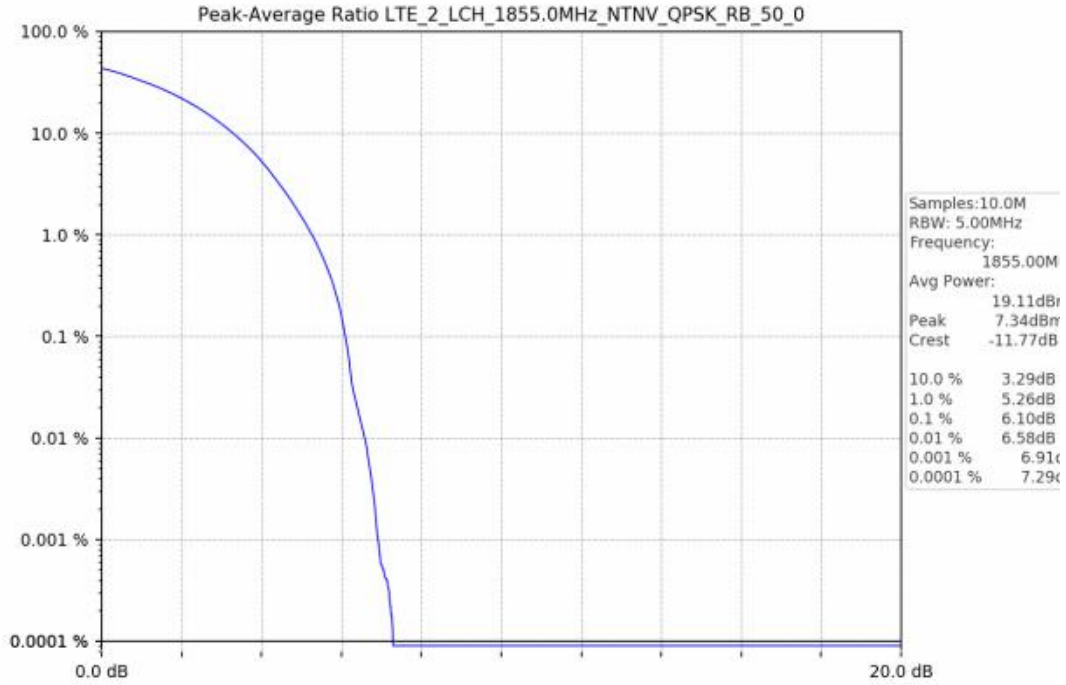


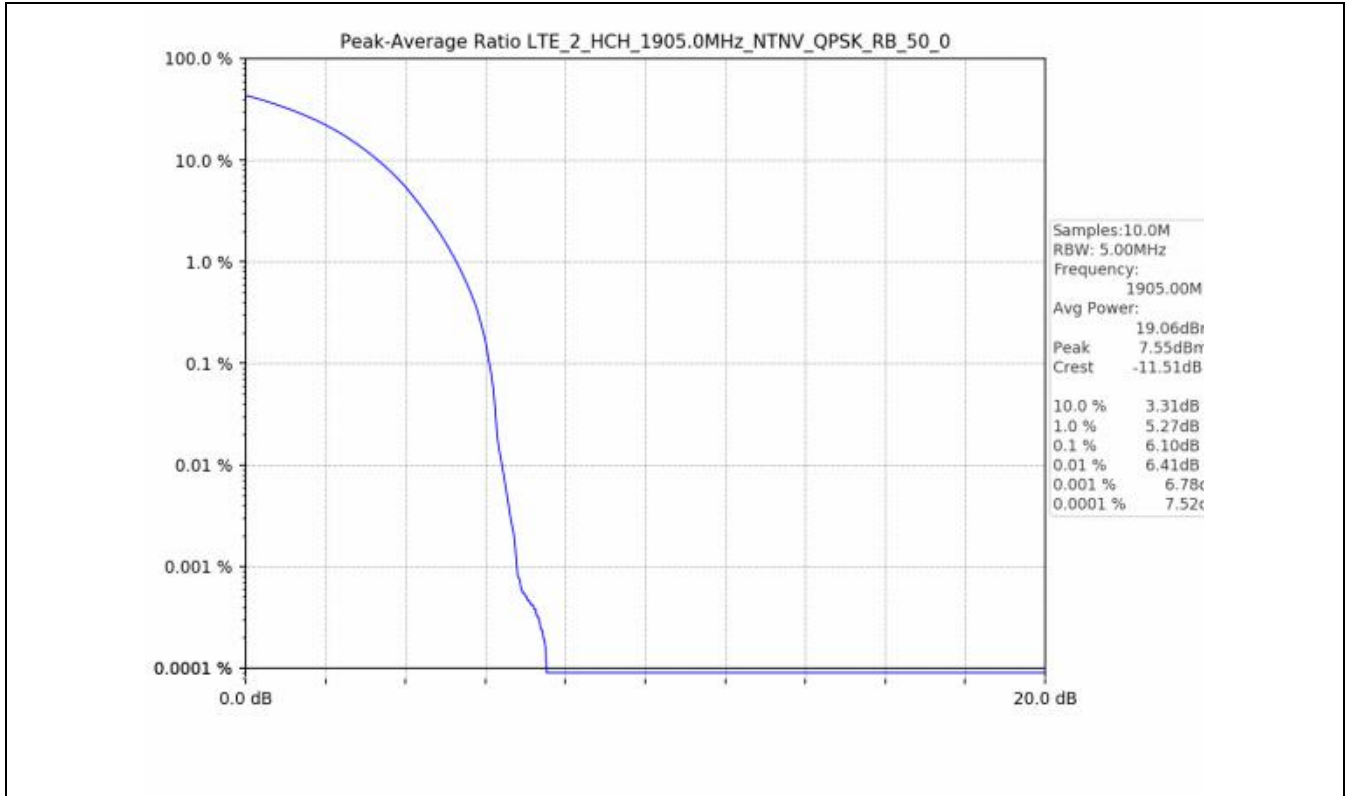


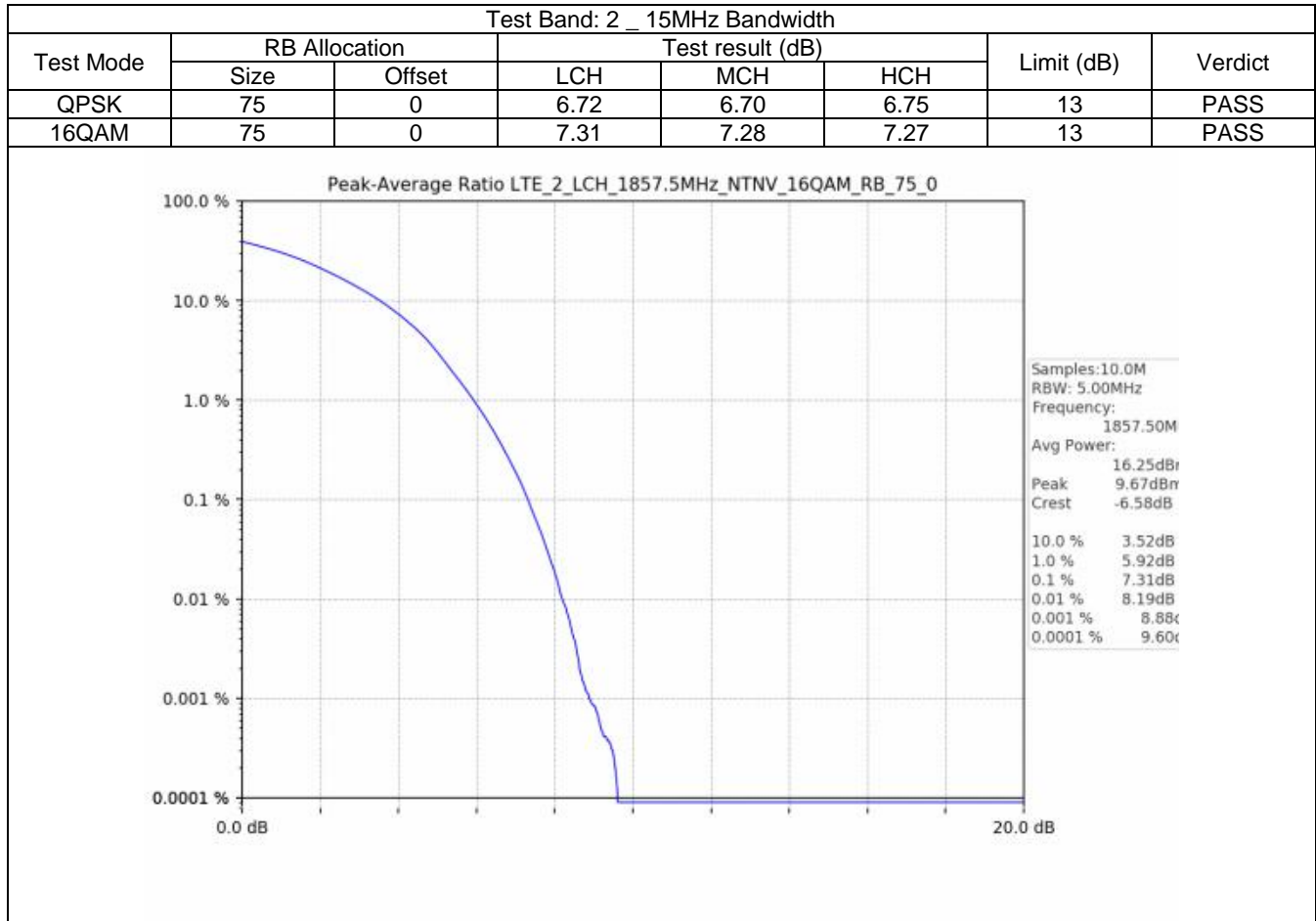


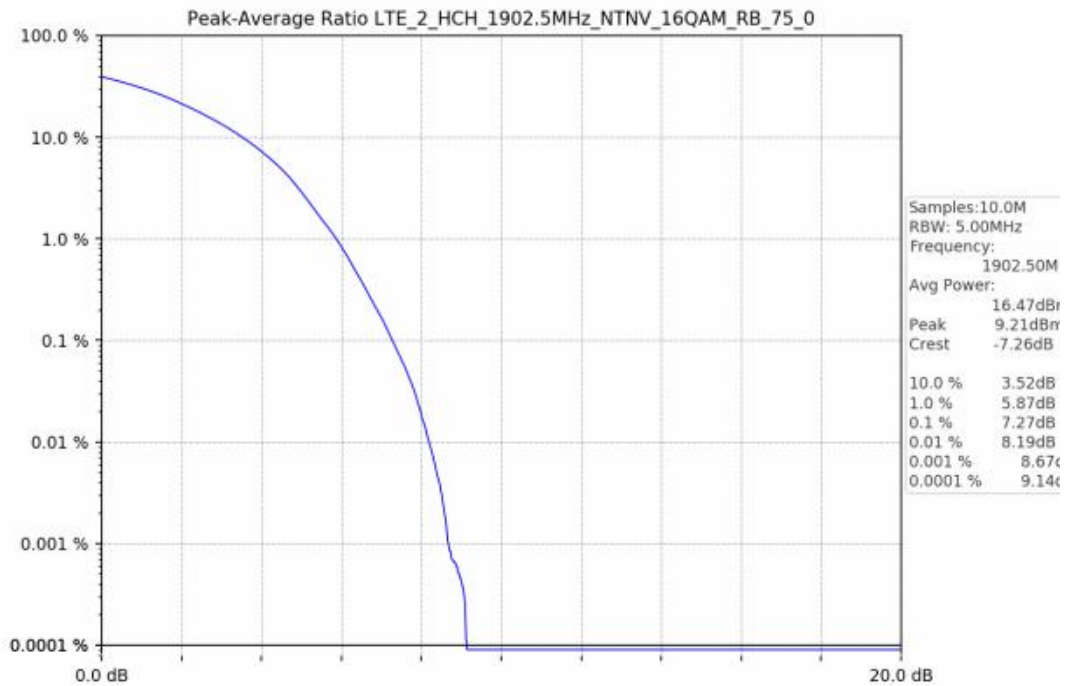
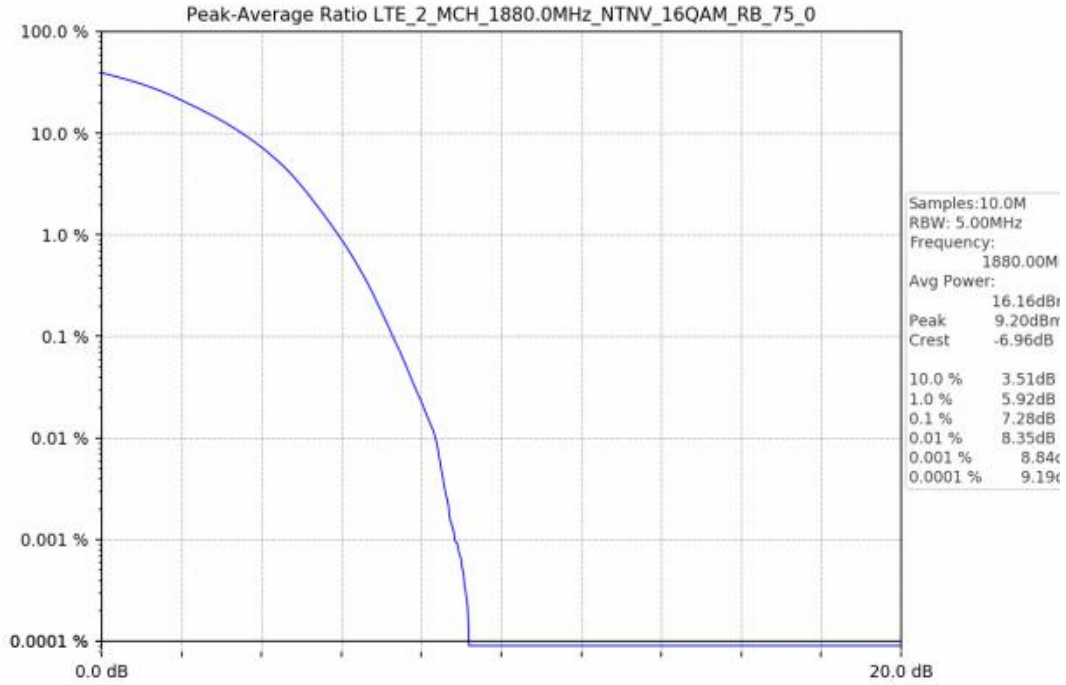


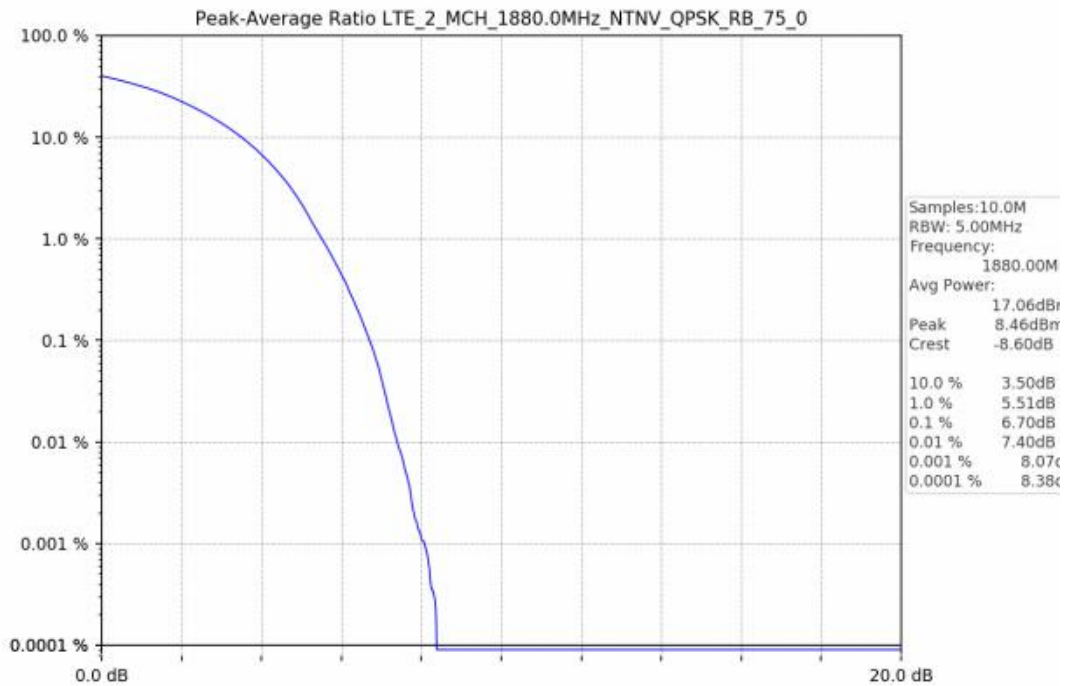
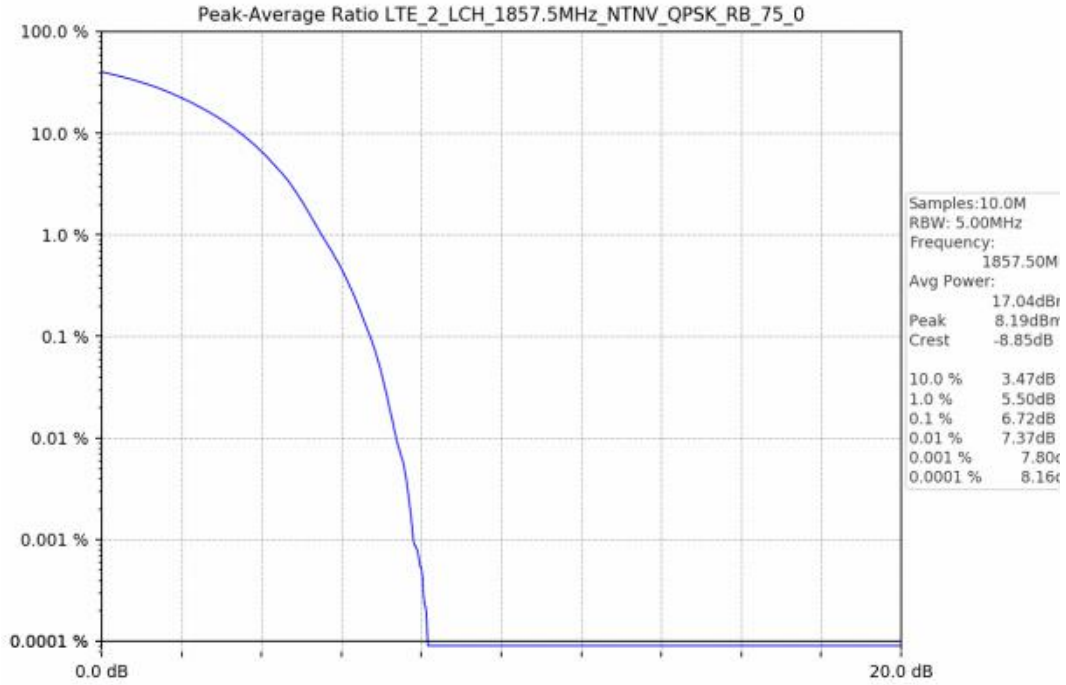


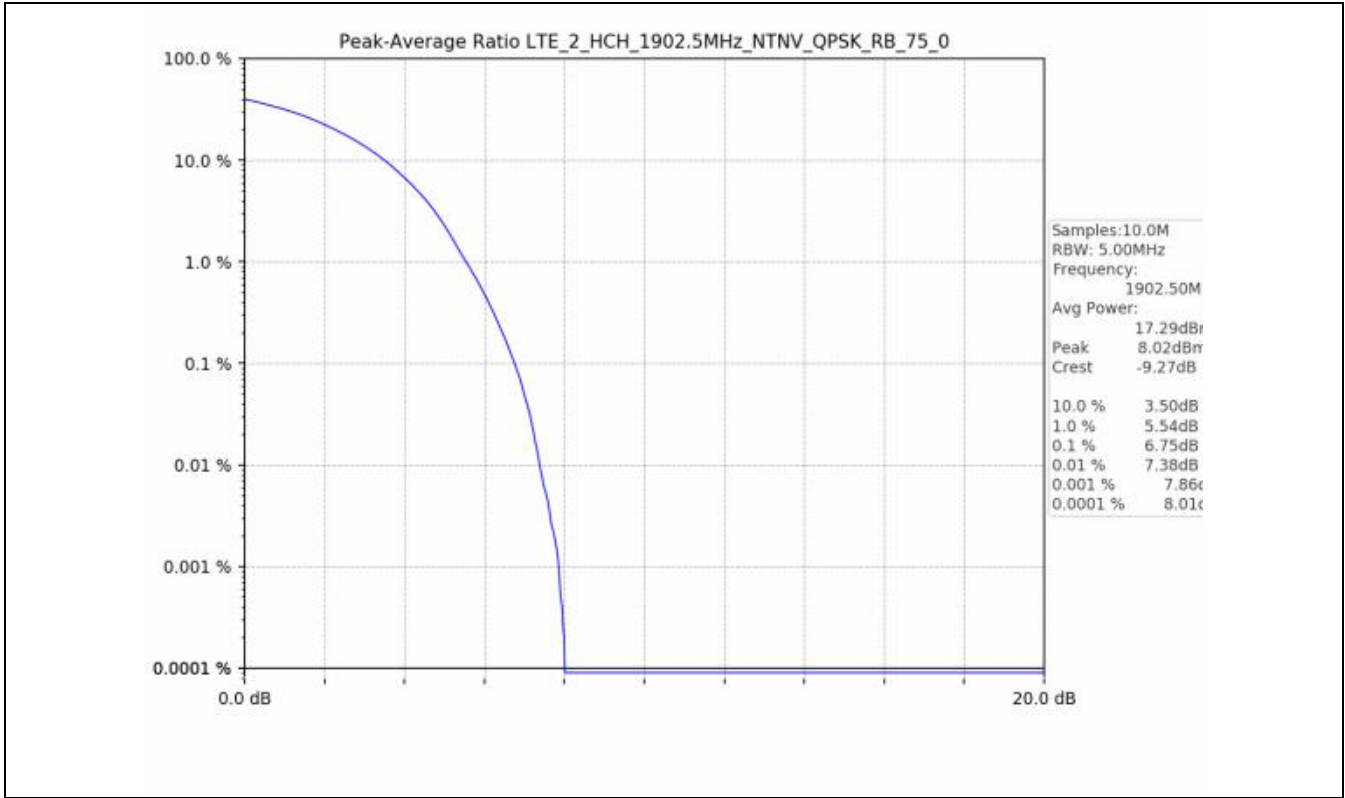


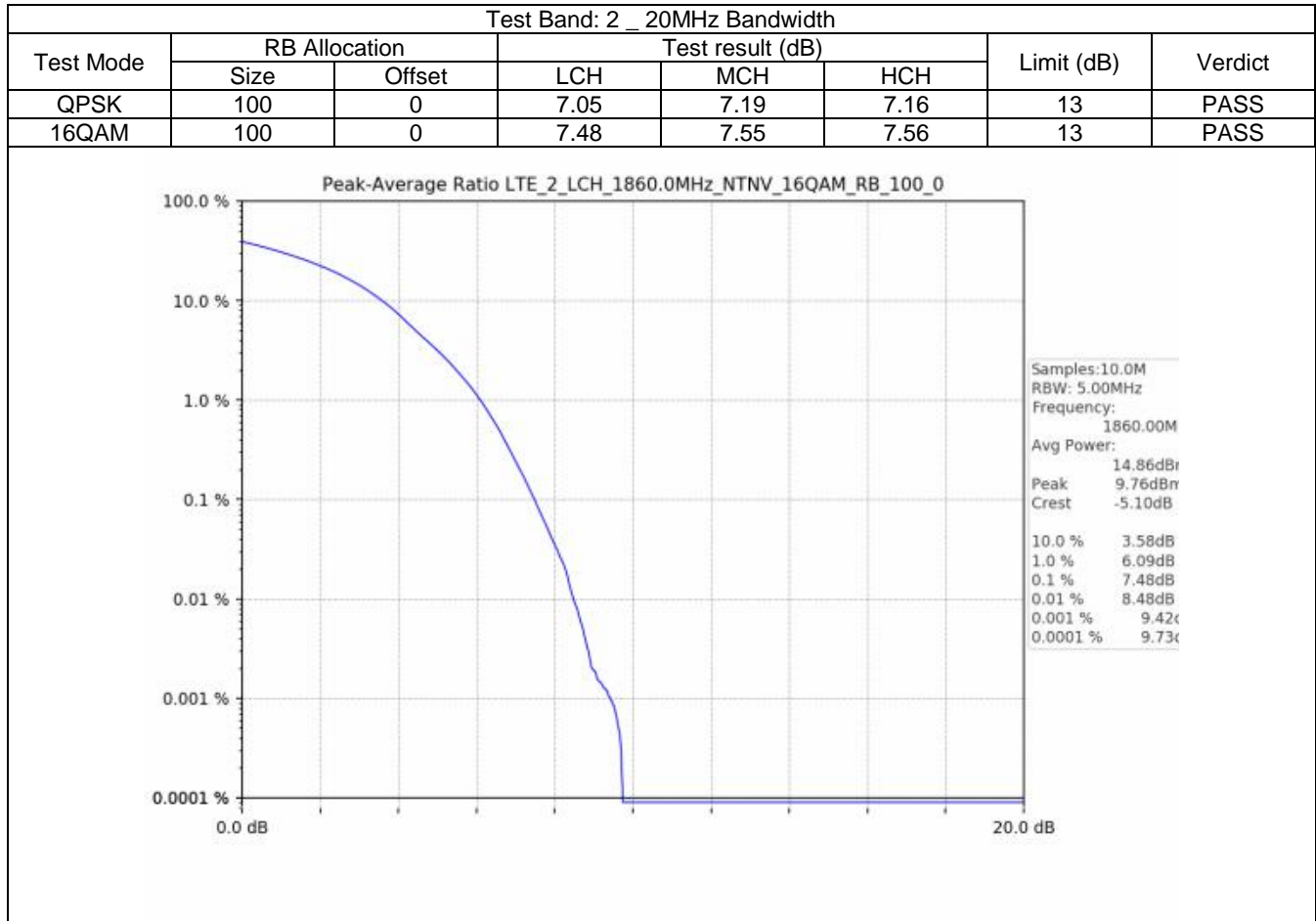


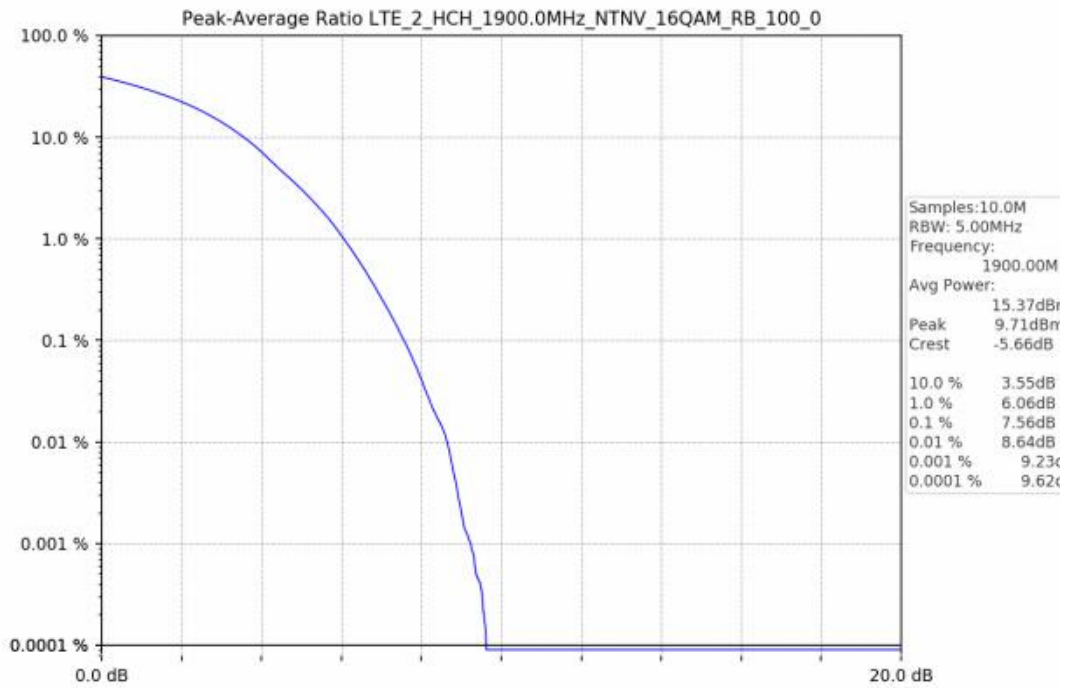
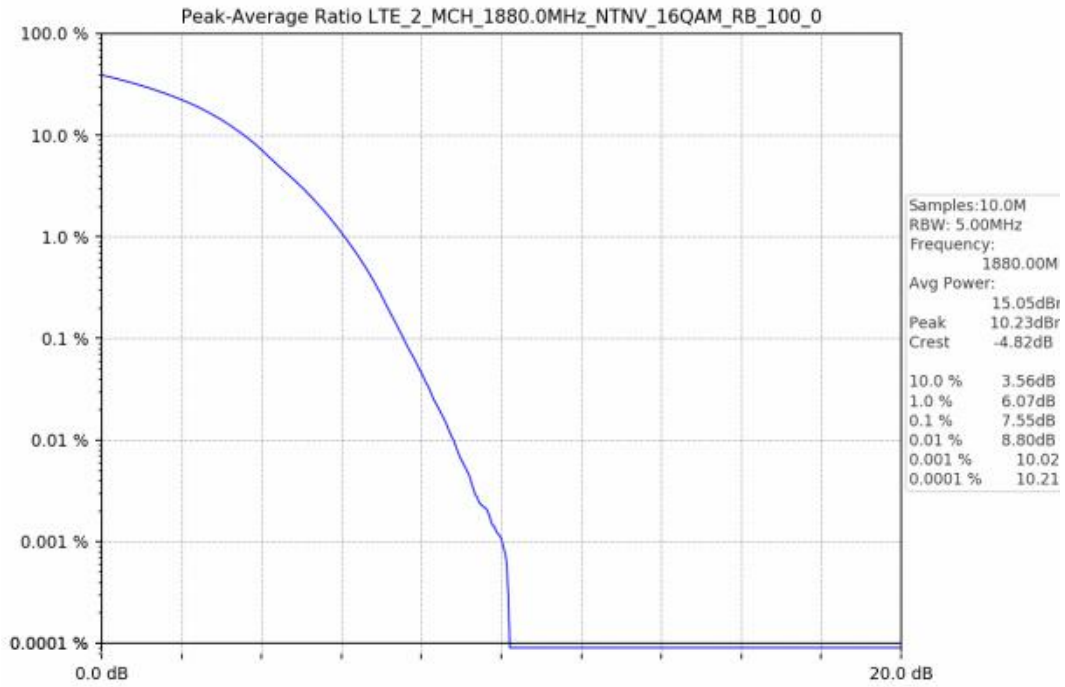


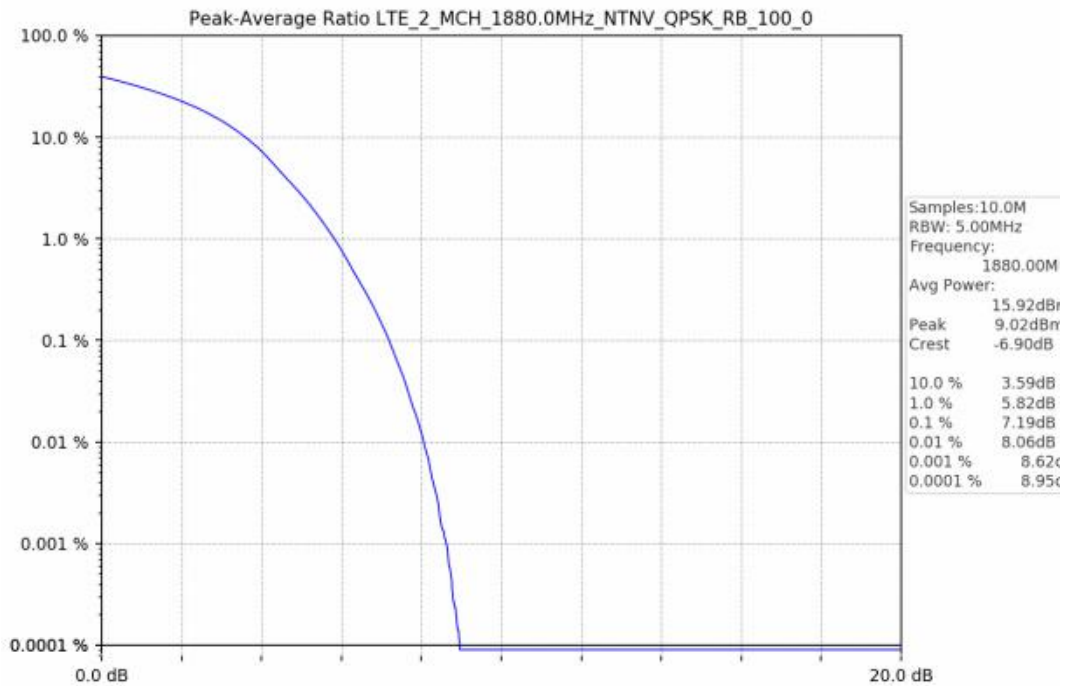
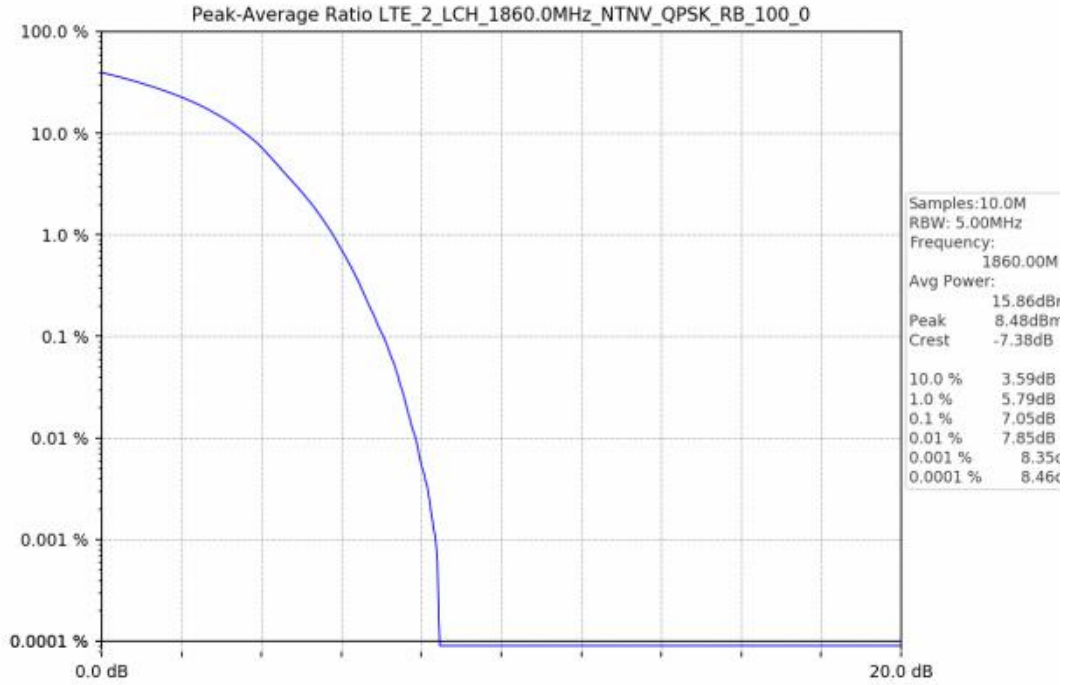


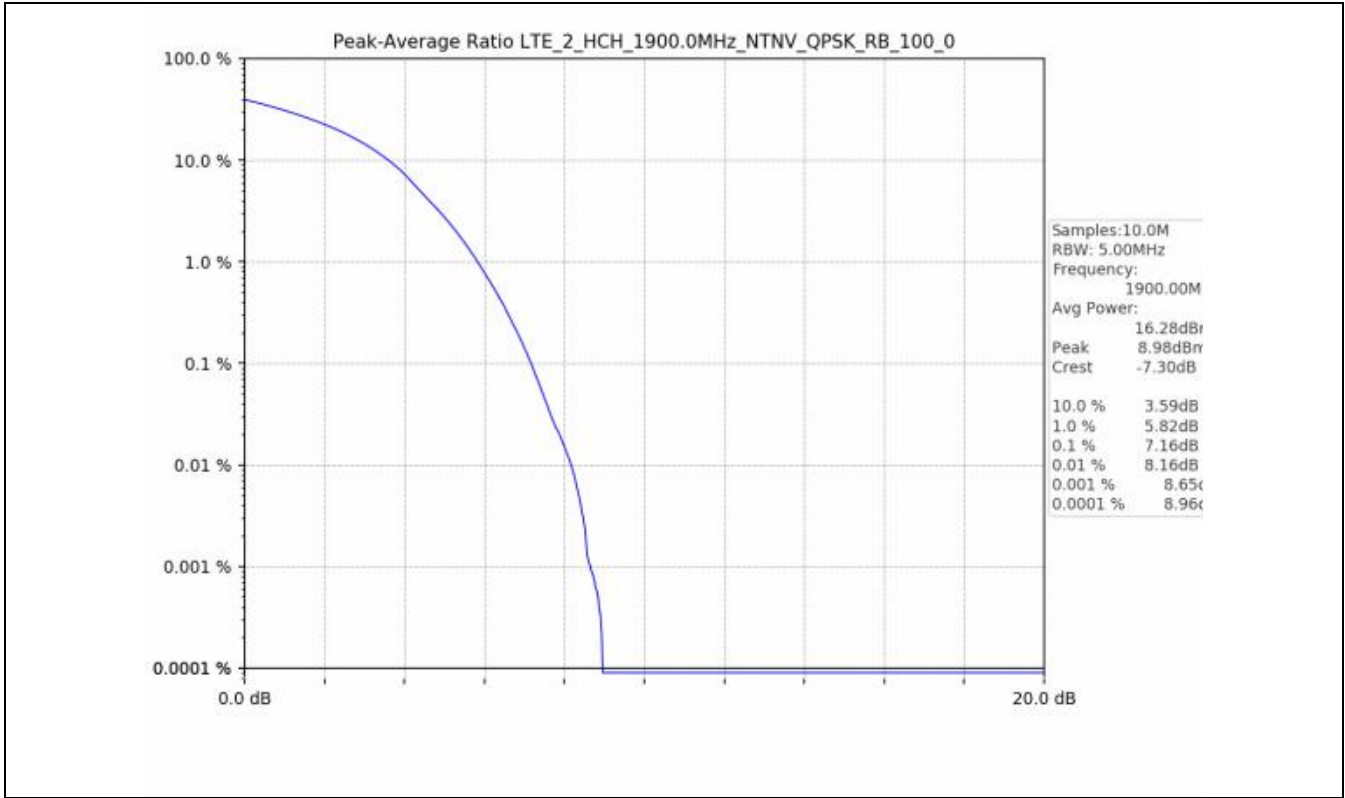












D5. Spurious Emission

D5.1 Test Graph

