Appendix L: Test Data for LTE Band 71

Product Name: TD0301 LTE Wi-Fi Hotspot

Test Model: TD0301

L1. Effective (Isotropic) Radiated Power Output Data

L1.1 Test Result

Test Band: 71 _ 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	24.55	23.22	24.20	-1.15	1.00	23.40	22.07	23.05	34.77	PASS
		13	24.43	23.38	24.23	-1.15	1.00	23.28	22.23	23.08	34.77	PASS
		24	23.89	23.37	24.17	-1.15	1.00	22.74	22.22	23.02	34.77	PASS
	12	0	23.43	22.44	23.37	-1.15	1.00	22.28	21.29	22.22	34.77	PASS
		6	23.59	22.45	23.51	-1.15	1.00	22.44	21.30	22.36	34.77	PASS
		13	23.27	22.40	23.37	-1.15	1.00	22.12	21.26	22.22	34.77	PASS
	25	0	23.43	22.38	23.33	-1.15	1.00	22.28	21.23	22.18	34.77	PASS
16QAM	1		23.50	22.47	22.80	-1.15	1.00	22.35	21.32	21.65	34.77	PASS
		13	23.91	22.92	23.61	-1.15	1.00	22.76	21.77	22.46	34.77	PASS
		24	23.11	22.79	23.57	-1.15	1.00	21.96	21.64	22.42	34.77	PASS
	12	0	22.51	21.37	22.28	-1.15	1.00	21.36	20.22	21.13	34.77	PASS
		6	22.66	21.51	22.55	-1.15	1.00	21.51	20.36	21.40	34.77	PASS
		13	22.48	21.58	22.40	-1.15	1.00	21.33	20.43	21.25	34.77	PASS
	25	0	22.40	21.52	22.26	-1.15	1.00	21.25	20.37	21.11	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: 71 _ 10MHz 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	24.46	23.36	24.00	-1.15	1.00	23.31	22.21	22.85	34.77	PASS
		25	24.38	23.96	24.40	-1.15	1.00	23.23	22.81	23.25	34.77	PASS
		49	23.47	23.74	24.30	-1.15	1.00	22.32	22.59	23.15	34.77	PASS
	25	0	23.55	22.54	23.26	-1.15	1.00	22.40	21.39	22.11	34.77	PASS
		13	23.26	22.64	23.55	-1.15	1.00	22.11	21.49	22.40	34.77	PASS
		25	23.02	22.66	23.47	-1.15	1.00	21.87	21.51	22.32	34.77	PASS
	50	0	23.27	22.53	23.33	-1.15	1.00	22.12	21.38	22.18	34.77	PASS
16QAM	1		23.61	22.76	23.15	-1.15	1.00	22.46	21.61	22.00	34.77	PASS
		25	23.60	22.83	23.61	-1.15	1.00	22.45	21.68	22.46	34.77	PASS
		49	22.64	23.30	23.40	-1.15	1.00	21.49	22.15	22.25	34.77	PASS
	25	0	22.73	21.80	22.37	-1.15	1.00	21.58	20.65	21.22	34.77	PASS
		13	22.41	21.82	22.66	-1.15	1.00	21.26	20.67	21.51	34.77	PASS
		25	22.02	21.97	22.60	-1.15	1.00	20.87	20.82	21.45	34.77	PASS
	50	0	22.25	21.57	22.51	-1.15	1.00	21.10	20.42	21.36	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: 71 _ 15MHz 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	24.39	23.35	23.45	-1.15	1.00	23.24	22.20	22.30	34.77	PASS
		38	23.63	23.46	24.17	-1.15	1.00	22.48	22.31	23.02	34.77	PASS
		74	23.13	23.79	24.29	-1.15	1.00	21.98	22.64	23.14	34.77	PASS
	36	0	23.24	22.40	22.98	-1.15	1.00	22.09	21.25	21.83	34.77	PASS
		18	22.79	22.49	23.29	-1.15	1.00	21.64	21.34	22.14	34.77	PASS
		39	22.51	22.62	23.48	-1.15	1.00	21.36	21.47	22.33	34.77	PASS
	75	0	22.99	22.49	23.21	-1.15	1.00	21.84	21.34	22.06	34.77	PASS
16QAM	1		23.44	22.84	22.63	-1.15	1.00	22.29	21.69	21.48	34.77	PASS
		38	22.95	23.35	23.48	-1.15	1.00	21.80	22.20	22.33	34.77	PASS
		74	22.14	23.41	23.65	-1.15	1.00	20.99	22.26	22.50	34.77	PASS
	36	0	22.37	21.42	21.99	-1.15	1.00	21.22	20.27	20.84	34.77	PASS
		18	21.77	21.46	22.30	-1.15	1.00	20.62	20.31	21.15	34.77	PASS
		39	21.45	21.45	22.45	-1.15	1.00	20.30	20.30	21.30	34.77	PASS
	75	0	21.92	21.38	22.29	-1.15	1.00	20.77	20.23	21.14	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: 71 _ 20MHz 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	23.91	22.84	22.86	-1.15	1.00	22.76	21.69	21.71	34.77	PASS
		50	24.17	23.64	24.19	-1.15	1.00	23.02	22.49	23.04	34.77	PASS
		99	23.07	24.06	24.05	-1.15	1.00	21.92	22.91	22.90	34.77	PASS
	50	0	23.00	22.36	22.51	-1.15	1.00	21.85	21.21	21.36	34.77	PASS
		25	22.62	22.46	23.09	-1.15	1.00	21.47	21.31	21.94	34.77	PASS
		50	22.31	22.69	23.27	-1.15	1.00	21.16	21.54	22.12	34.77	PASS
	100	0	22.73	22.53	22.93	-1.15	1.00	21.58	21.38	21.78	34.77	PASS
16QAM	1		23.10	22.22	22.51	-1.15	1.00	21.95	21.07	21.36	34.77	PASS
		50	23.98	22.23	23.79	-1.15	1.00	22.83	21.08	22.64	34.77	PASS
		99	23.00	22.48	23.52	-1.15	1.00	21.85	21.33	22.37	34.77	PASS
	50	0	22.03	21.69	21.68	-1.15	1.00	20.88	20.54	20.53	34.77	PASS
		25	21.74	21.50	22.16	-1.15	1.00	20.59	20.35	21.01	34.77	PASS
		50	21.28	21.64	22.38	-1.15	1.00	20.13	20.49	21.23	34.77	PASS
	100	0	21.69	21.33	22.04	-1.15	1.00	20.54	20.18	20.89	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)

L2. Frequency stability

L2.1 Test Result

Test Band: 71 _ 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	-0.8154	-1.9026	-1.2302	-0.0012	-0.0028	-0.0018	2.50	PASS
				NV	-0.9012	-1.4448	-1.6165	-0.0014	-0.0021	-0.0023	2.50	PASS
				HV	-0.7582	-1.8311	-1.3590	-0.0011	-0.0027	-0.0020	2.50	PASS
16QAM	25	0	NT	LV	-0.7868	-0.8726	-1.6594	-0.0012	-0.0013	-0.0024	2.50	PASS
				NV	-1.2588	-1.2016	-0.9012	-0.0019	-0.0018	-0.0013	2.50	PASS
				HV	-0.7582	-1.2588	-1.1444	-0.0011	-0.0018	-0.0016	2.50	PASS

Test Band: 71 _ 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	-1.1873	-1.2588	-0.9012	-0.0018	-0.0018	-0.0013	2.50	PASS
				-20.00	-1.7738	-0.4005	-0.0858	-0.0027	-0.0006	-0.0001	2.50	PASS
				-10.00	-1.2016	-0.7725	-2.0313	-0.0018	-0.0011	-0.0029	2.50	PASS
				0.00	-2.0313	-1.5306	-1.4877	-0.0031	-0.0022	-0.0021	2.50	PASS
				10.00	-1.5593	-1.2445	-2.8324	-0.0023	-0.0018	-0.0041	2.50	PASS
				20.00	-0.7439	-1.4448	-2.1315	-0.0011	-0.0021	-0.0031	2.50	PASS
				30.00	-1.0014	-2.4462	-1.1873	-0.0015	-0.0036	-0.0017	2.50	PASS
				40.00	-1.2159	-1.4448	-0.9727	-0.0018	-0.0021	-0.0014	2.50	PASS
				50.00	-1.6451	-1.1873	-1.3590	-0.0025	-0.0017	-0.0020	2.50	PASS

16QAM	25	0	NV	-30.00	-0.9155	-0.7582	-0.9727	-0.0014	-0.0011	-0.0014	2.50	PASS
				-20.00	-1.4877	-1.2732	-0.7582	-0.0022	-0.0019	-0.0011	2.50	PASS
				-10.00	-0.7296	-0.9012	-1.2875	-0.0011	-0.0013	-0.0019	2.50	PASS
				0.00	-0.3576	-0.9012	-1.0586	-0.0005	-0.0013	-0.0015	2.50	PASS
				10.00	-1.5163	-1.3876	-1.2732	-0.0023	-0.0020	-0.0018	2.50	PASS
				20.00	-1.2159	-0.7439	-0.7296	-0.0018	-0.0011	-0.0010	2.50	PASS
				30.00	-0.7725	-1.1444	-1.7166	-0.0012	-0.0017	-0.0025	2.50	PASS
				40.00	-1.4448	-1.0443	-1.3304	-0.0022	-0.0015	-0.0019	2.50	PASS
				50.00	-1.7309	-1.6022	-1.5879	-0.0026	-0.0024	-0.0023	2.50	PASS

Test Band: 71 _ 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	-1.0729	-0.5722	-1.2302	-0.0016	-0.0008	-0.0018	2.50	PASS
				NV	-0.6437	-0.4005	-1.9455	-0.0010	-0.0006	-0.0028	2.50	PASS
				HV	-1.8740	-0.9441	-2.2173	-0.0028	-0.0014	-0.0032	2.50	PASS
16QAM	50	0	NT	LV	-2.5892	-1.0443	-1.8454	-0.0039	-0.0015	-0.0027	2.50	PASS
				NV	-1.1730	-0.7153	-1.4019	-0.0018	-0.0011	-0.0020	2.50	PASS
				HV	-1.8168	-1.0443	-2.8324	-0.0027	-0.0015	-0.0041	2.50	PASS

Test Band: 71 _ 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	-1.8024	-0.9441	-2.5177	-0.0027	-0.0014	-0.0036	2.50	PASS
				-20.00	-1.9169	-0.1431	-2.0742	-0.0029	-0.0002	-0.0030	2.50	PASS
				-10.00	-1.8740	-0.5436	-2.2173	-0.0028	-0.0008	-0.0032	2.50	PASS
				0.00	-1.9598	-0.4435	-1.5450	-0.0029	-0.0007	-0.0022	2.50	PASS
				10.00	-2.2030	-1.5163	-1.2302	-0.0033	-0.0022	-0.0018	2.50	PASS
				20.00	-1.3876	-1.8740	-2.1601	-0.0021	-0.0028	-0.0031	2.50	PASS
				30.00	-1.2445	-2.1458	-2.4891	-0.0019	-0.0032	-0.0036	2.50	PASS
				40.00	-2.3890	-2.3317	-1.7166	-0.0036	-0.0034	-0.0025	2.50	PASS
				50.00	-1.7595	-3.2759	-1.9455	-0.0026	-0.0048	-0.0028	2.50	PASS
16QAM	50	0	NV	-30.00	-2.2459	-1.7023	-1.5879	-0.0034	-0.0025	-0.0023	2.50	PASS
				-20.00	-2.5463	-2.4462	-1.9598	-0.0038	-0.0036	-0.0028	2.50	PASS
				-10.00	-1.8024	-1.5450	-1.7595	-0.0027	-0.0023	-0.0025	2.50	PASS
				0.00	-2.3174	-2.0313	-2.6464	-0.0035	-0.0030	-0.0038	2.50	PASS
				10.00	-2.2459	-1.3018	-2.3603	-0.0034	-0.0019	-0.0034	2.50	PASS
				20.00	-1.5593	-1.2875	-2.1315	-0.0023	-0.0019	-0.0031	2.50	PASS
				30.00	-1.9455	-2.1744	-1.9169	-0.0029	-0.0032	-0.0028	2.50	PASS
				40.00	-2.4462	-2.3317	-1.1158	-0.0037	-0.0034	-0.0016	2.50	PASS
				50.00	-1.7595	-1.1444	-2.5177	-0.0026	-0.0017	-0.0036	2.50	PASS

Test Band: 71 _ 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	-0.7296	-1.0586	-0.9871	-0.0011	-0.0016	-0.0014	2.50	PASS
				NV	-2.1315	-1.3733	-1.0300	-0.0032	-0.0020	-0.0015	2.50	PASS
				HV	-1.7452	-1.6308	-2.0885	-0.0026	-0.0024	-0.0030	2.50	PASS
16QAM	75	0	NT	LV	-2.0742	-3.1328	-2.0742	-0.0031	-0.0046	-0.0030	2.50	PASS
				NV	-1.8597	-2.2602	-1.2588	-0.0028	-0.0033	-0.0018	2.50	PASS
				HV	-1.3304	-1.7595	-2.0313	-0.0020	-0.0026	-0.0029	2.50	PASS

Test Band: 71 _ 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	-1.7452	-1.7452	-2.1029	-0.0026	-0.0026	-0.0030	2.50	PASS
				-20.00	-1.8883	-0.9441	-1.9741	-0.0028	-0.0014	-0.0029	2.50	PASS
				-10.00	-1.8454	-1.6308	-1.4305	-0.0028	-0.0024	-0.0021	2.50	PASS
				0.00	-1.4877	-1.9884	-1.8168	-0.0022	-0.0029	-0.0026	2.50	PASS
				10.00	-2.4319	-1.6022	-2.1601	-0.0036	-0.0024	-0.0031	2.50	PASS
				20.00	-2.2459	-1.9169	-1.9169	-0.0033	-0.0028	-0.0028	2.50	PASS
				30.00	-1.9312	-1.9312	-2.1601	-0.0029	-0.0028	-0.0031	2.50	PASS
				40.00	-1.7452	-2.6321	-2.2602	-0.0026	-0.0039	-0.0033	2.50	PASS
				50.00	-2.3460	-2.4462	-2.7037	-0.0035	-0.0036	-0.0039	2.50	PASS
16QAM	75	0	NV	-30.00	-1.9455	-2.2316	-2.2030	-0.0029	-0.0033	-0.0032	2.50	PASS
				-20.00	-1.5736	-1.0586	-1.5306	-0.0023	-0.0016	-0.0022	2.50	PASS
				-10.00	-	-	-	-0.0029	-0.0024	-0.0027	2.50	PASS

					1.9169	1.6308	1.8883					
				0.00	-1.3876	-1.8454	-1.4877	-0.0021	-0.0027	-0.0022	2.50	PASS
				10.00	-2.0170	-1.4162	-1.7595	-0.0030	-0.0021	-0.0025	2.50	PASS
				20.00	-1.7023	-2.0313	-1.3590	-0.0025	-0.0030	-0.0020	2.50	PASS
				30.00	-1.2875	-1.5020	-1.9312	-0.0019	-0.0022	-0.0028	2.50	PASS
				40.00	-2.6321	-2.1887	-2.3174	-0.0039	-0.0032	-0.0034	2.50	PASS
				50.00	-2.1029	-1.5163	-2.1315	-0.0031	-0.0022	-0.0031	2.50	PASS

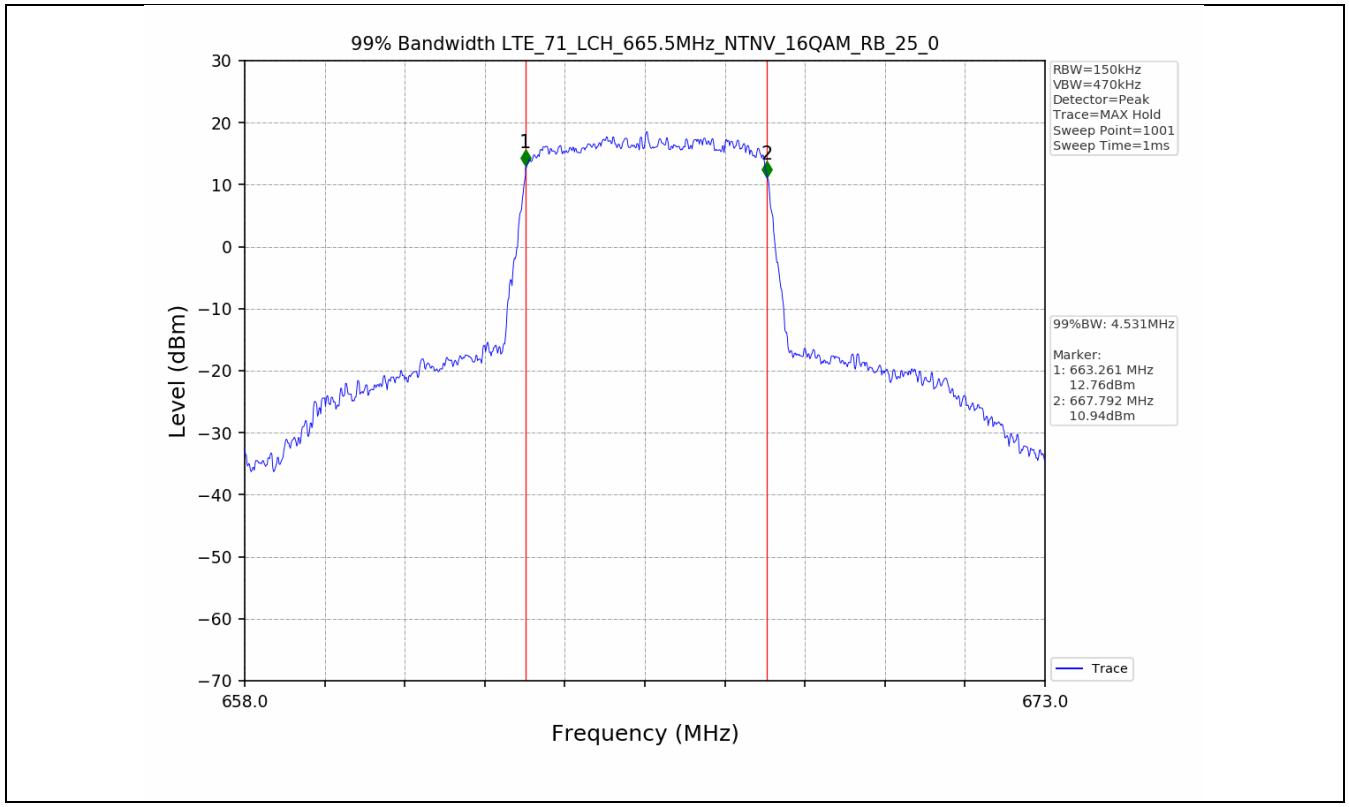
Test Band: 71 _ 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	0.0715	-0.6580	-0.8440	0.0001	-0.0010	-0.0012	2.50	PASS
				NV	-0.4435	-2.7609	-1.4877	-0.0007	-0.0041	-0.0022	2.50	PASS
				HV	-1.6737	-1.2016	-1.5163	-0.0025	-0.0018	-0.0022	2.50	PASS
16QAM	100	0	NT	LV	-1.9169	-1.1015	-1.0014	-0.0028	-0.0016	-0.0015	2.50	PASS
				NV	-1.8454	-0.7439	-0.8869	-0.0027	-0.0011	-0.0013	2.50	PASS
				HV	-1.9741	-1.8168	-1.8883	-0.0029	-0.0027	-0.0027	2.50	PASS

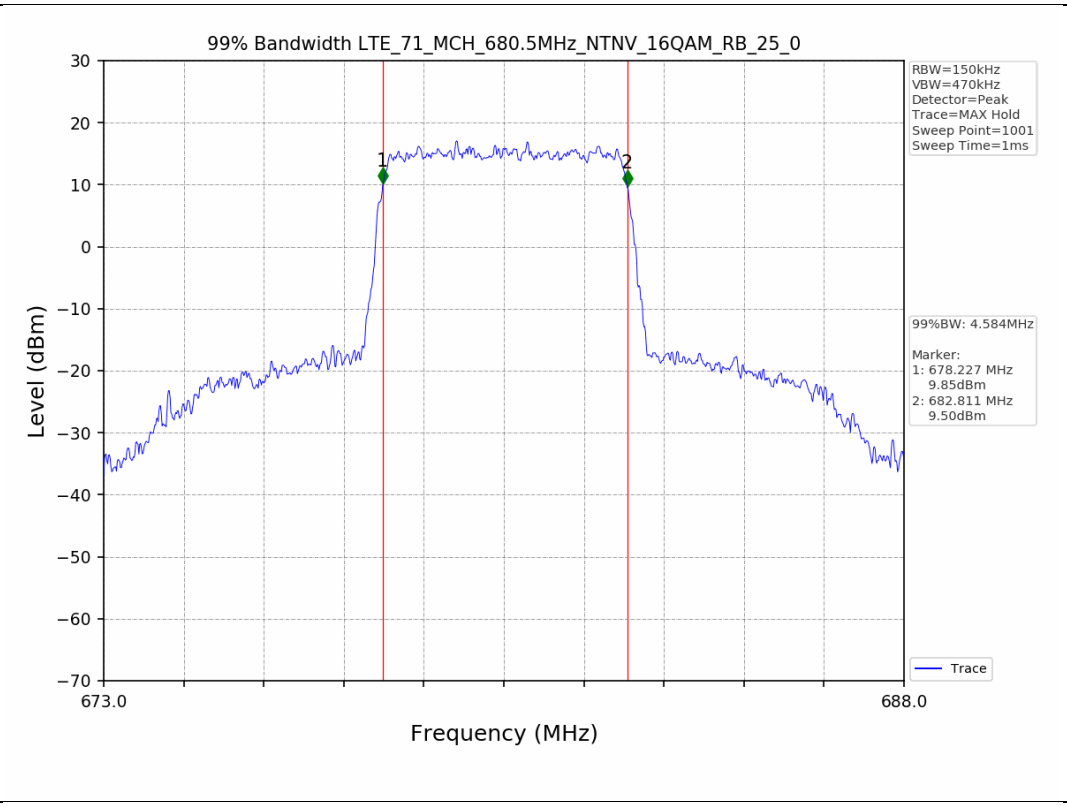
Test Band: 71 _ 20MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NV	-30.00	-1.9312	-2.1172	-1.7595	-0.0029	-0.0031	-0.0026	2.50	PASS
				-20.00	-2.4319	-1.7595	-1.7738	-0.0036	-0.0026	-0.0026	2.50	PASS
				-10.00	-1.8597	-1.5736	-2.3890	-0.0028	-0.0023	-0.0035	2.50	PASS
				0.00	-2.3603	-1.2732	-1.5736	-0.0035	-0.0019	-0.0023	2.50	PASS
				10.00	-1.7452	-2.0170	-1.5593	-0.0026	-0.0030	-0.0023	2.50	PASS
				20.00	-2.8038	-1.8740	-2.6751	-0.0042	-0.0028	-0.0039	2.50	PASS
				30.00	-1.6451	-1.3018	-1.6594	-0.0024	-0.0019	-0.0024	2.50	PASS
				40.00	-2.1029	-1.5593	-0.7296	-0.0031	-0.0023	-0.0011	2.50	PASS
				50.00	-2.6321	-1.6451	-1.1873	-0.0039	-0.0024	-0.0017	2.50	PASS
16QAM	100	0	NV	-30.00	-1.7595	-1.6594	-2.0742	-0.0026	-0.0024	-0.0030	2.50	PASS
				-20.00	-2.0599	-1.1587	-1.5879	-0.0031	-0.0017	-0.0023	2.50	PASS
				-10.00	-1.9312	-1.5020	-1.5306	-0.0029	-0.0022	-0.0022	2.50	PASS
				0.00	-1.9026	-1.6165	-2.0885	-0.0028	-0.0024	-0.0030	2.50	PASS
				10.00	-1.7023	-2.7037	-1.1730	-0.0025	-0.0040	-0.0017	2.50	PASS
				20.00	-2.0456	-2.0170	-2.2030	-0.0030	-0.0030	-0.0032	2.50	PASS
				30.00	-1.8311	-2.0170	-1.8168	-0.0027	-0.0030	-0.0026	2.50	PASS
				40.00	-1.3876	-2.0456	-2.1601	-0.0021	-0.0030	-0.0031	2.50	PASS
				50.00	-2.4033	-2.4319	-2.0456	-0.0036	-0.0036	-0.0030	2.50	PASS

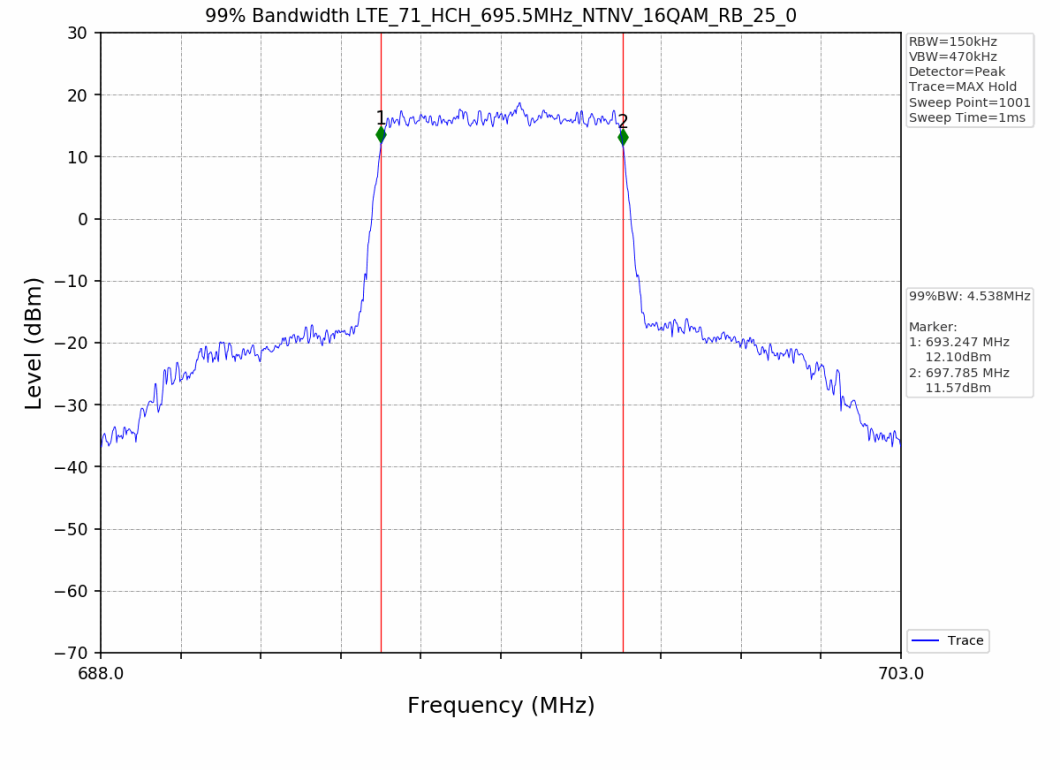
L3. 99% & 26dB Bandwidth

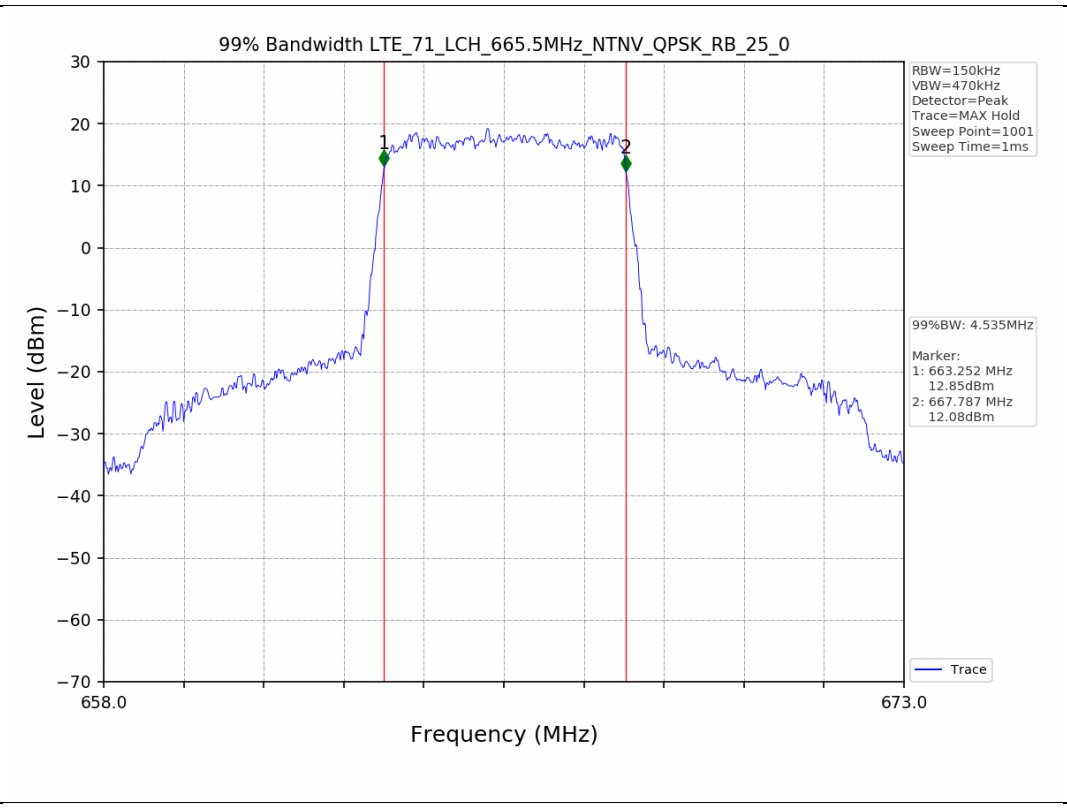
L3.1 Test Result

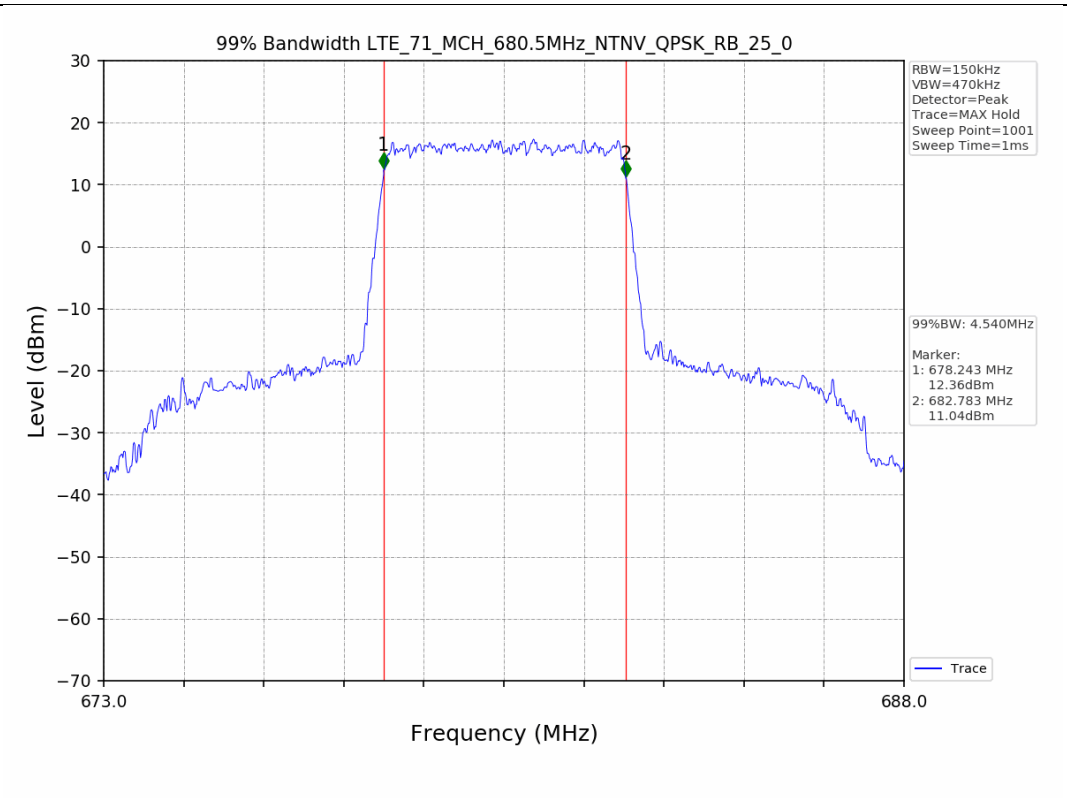
Test Band: 71 _ 5MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.535	4.540	4.570	N/A	PASS
16QAM	25	0	4.531	4.584	4.538	N/A	PASS

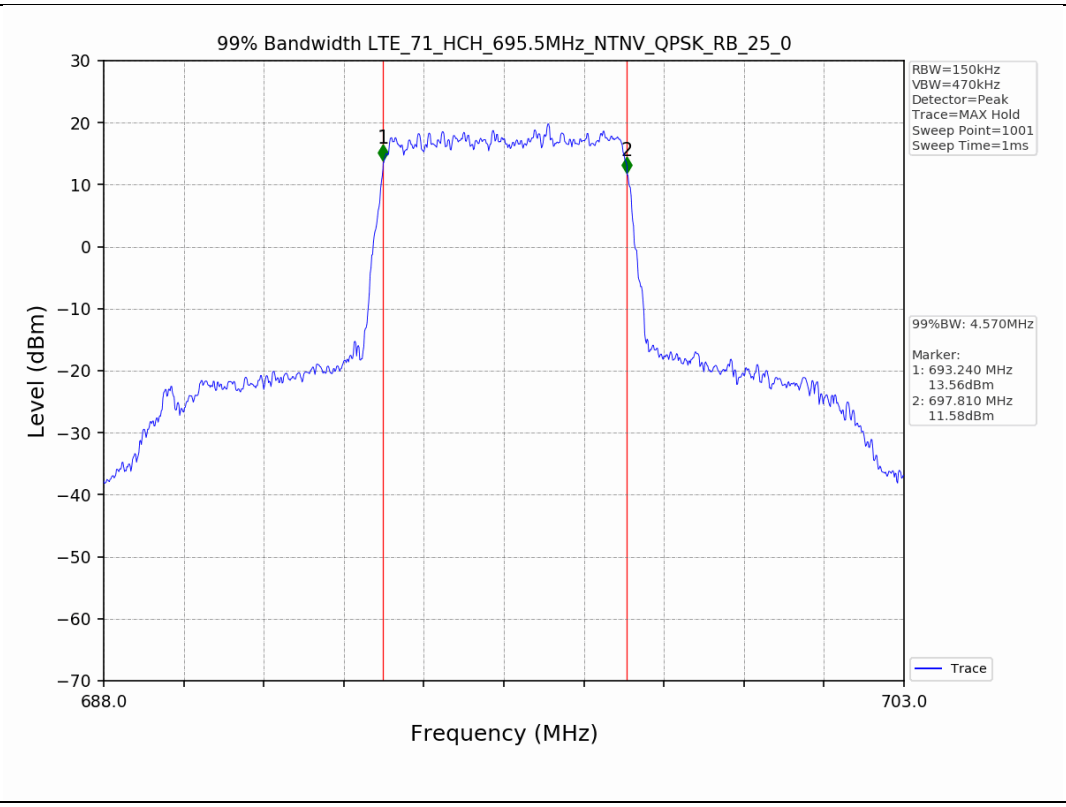



99% Bandwidth LTE_71_MCH_680.5MHz_NTNV_16QAM_RB_25_0
RBW=150kHz
VBW=470kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 4.584MHz
Marker:
1: 678.227 MHz
9.85dBm
2: 682.811 MHz
9.50dBm
Trace
Level (dBm)
Frequency (MHz)
673.0
688.0

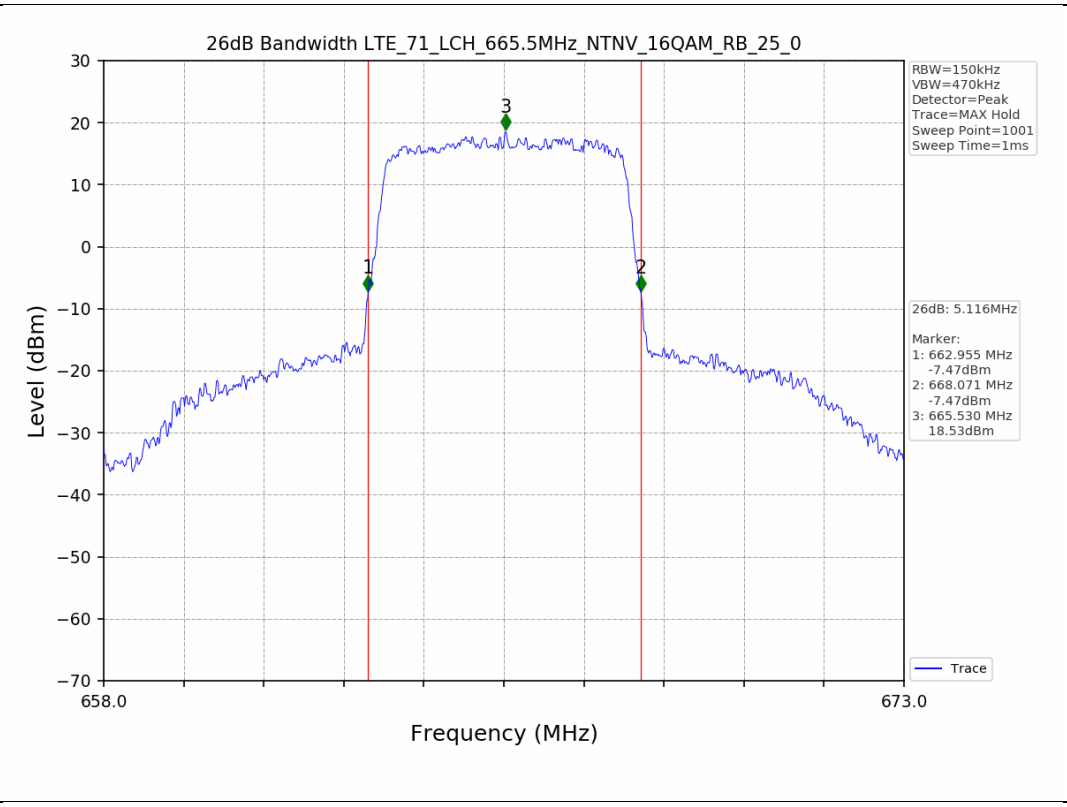

99% Bandwidth LTE_71_HCH_695.5MHz_NTNV_16QAM_RB_25_0
RBW=150kHz
VBW=470kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 4.538MHz
Marker:
1: 693.247 MHz
12.10dBm
2: 697.785 MHz
11.57dBm
Trace
Level (dBm)
Frequency (MHz)
688.0
703.0

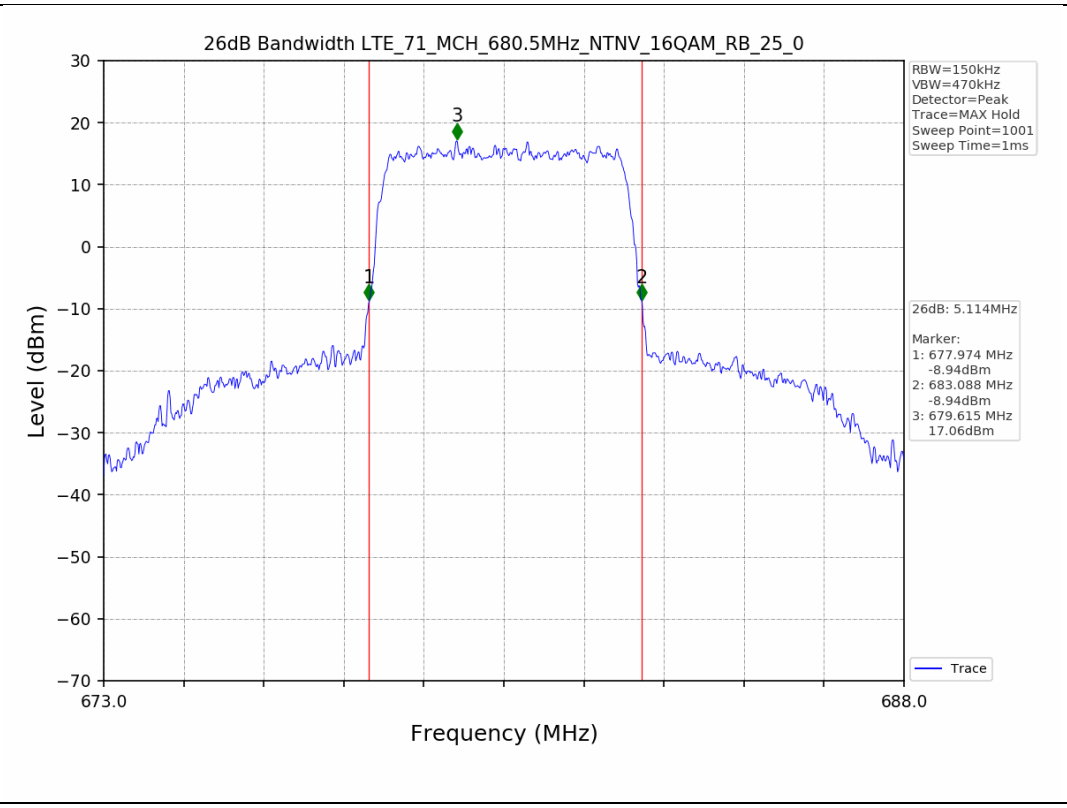

99% Bandwidth LTE_71_LCH_665.5MHz_NTNV_QPSK_RB_25_0
RBW=150kHz
VBW=470kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 4.535MHz
Marker:
1: 663.252 MHz
12.85dBm
2: 667.787 MHz
12.08dBm
Trace
Level (dBm)
Frequency (MHz)
658.0
673.0

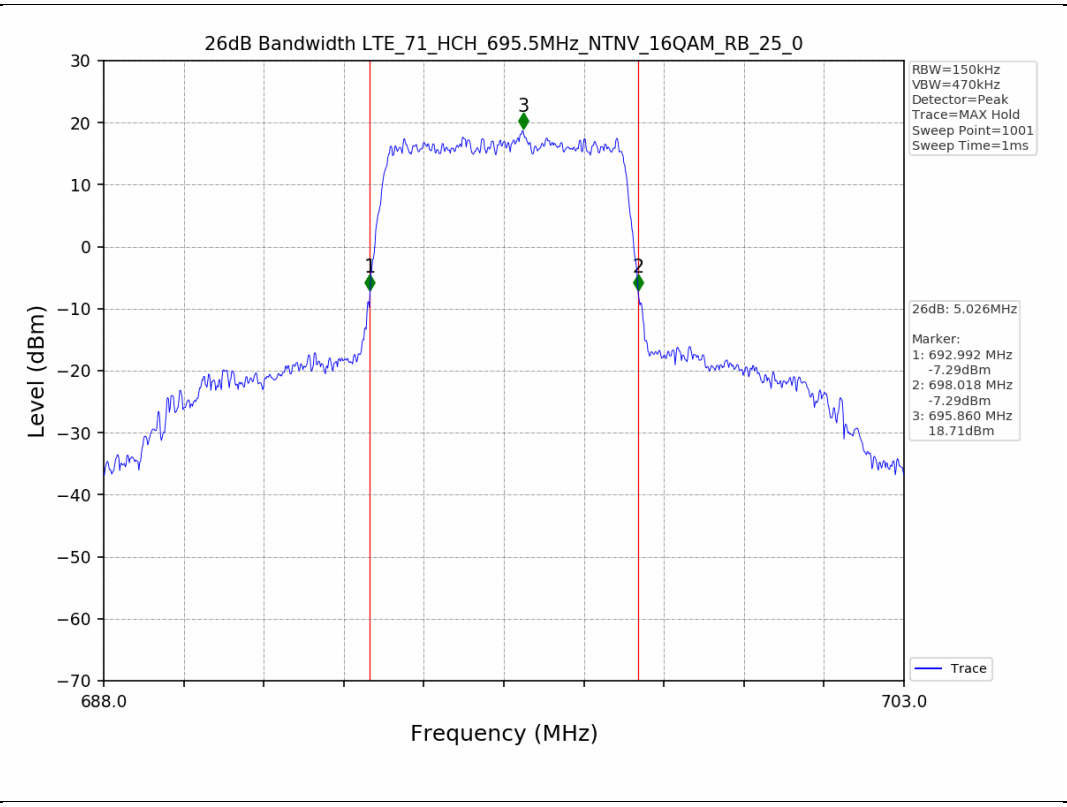

99% Bandwidth LTE_71_MCH_680.5MHz_NTNV_QPSK_RB_25_0
RBW=150kHz
VBW=470kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 4.540MHz
Marker:
1: 678.243 MHz
12.36dBm
2: 682.783 MHz
11.04dBm
Trace
Level (dBm)
Frequency (MHz)
673.0
688.0

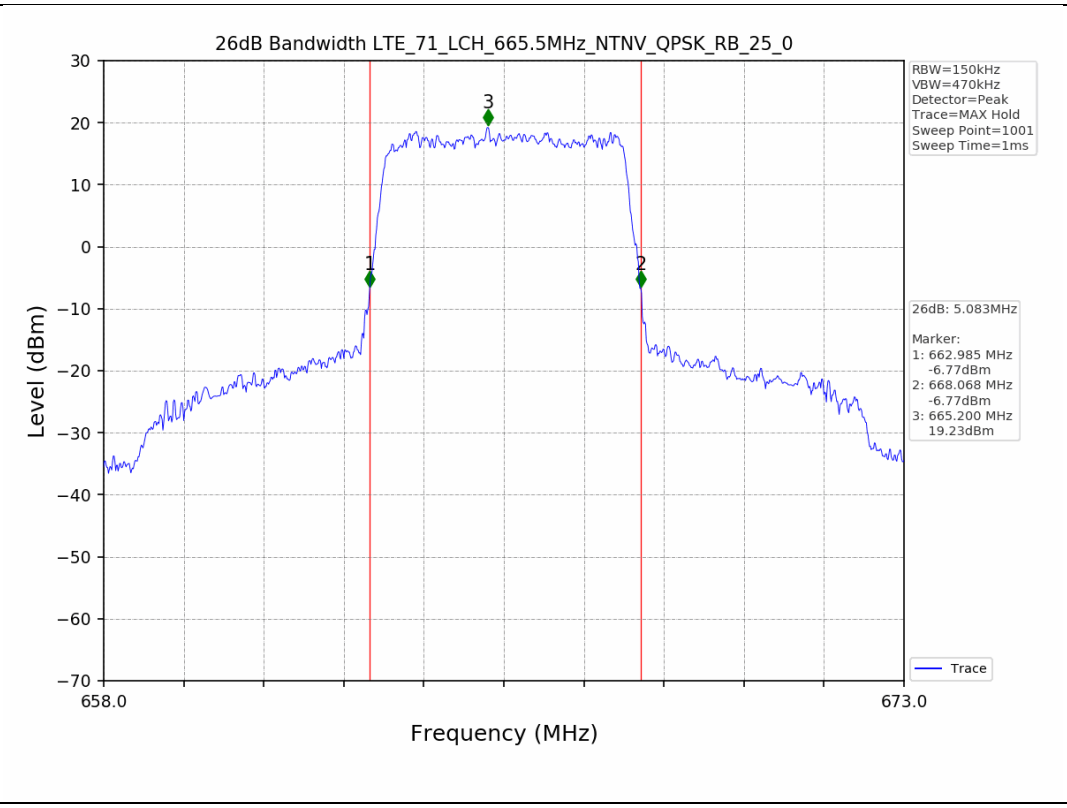


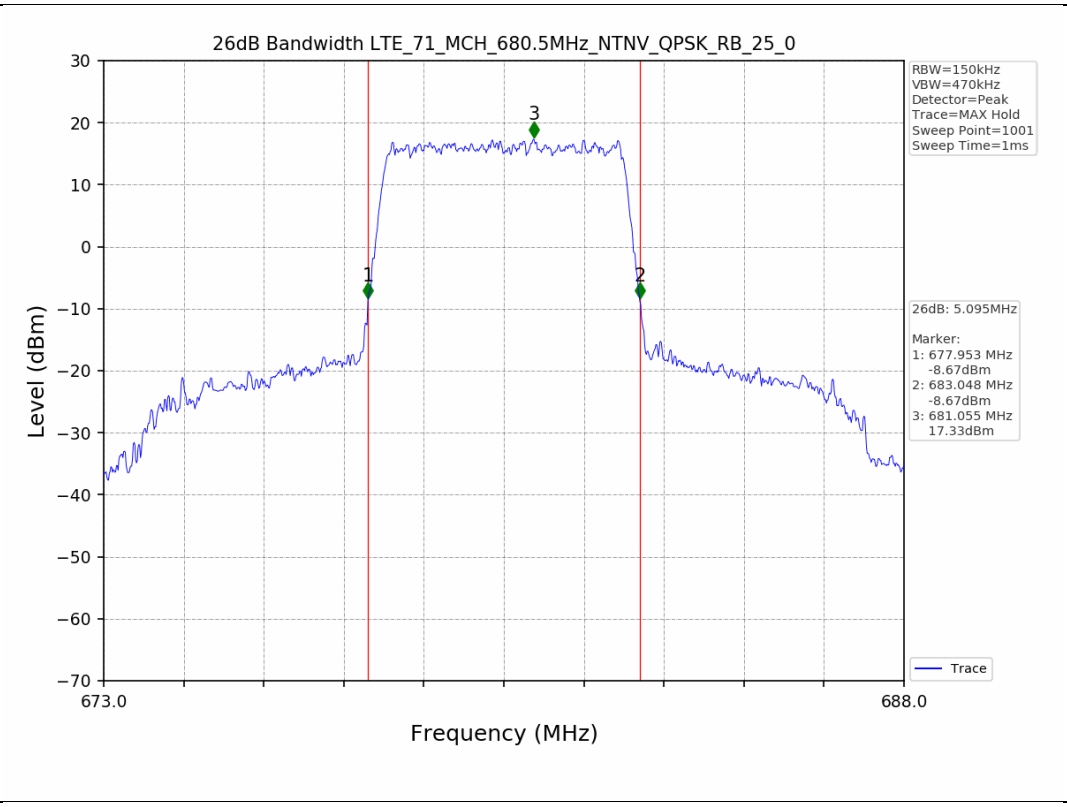
Test Band: 71 _ 5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.083	5.095	5.076	N/A	PASS
16QAM	25	0	5.116	5.114	5.026	N/A	PASS

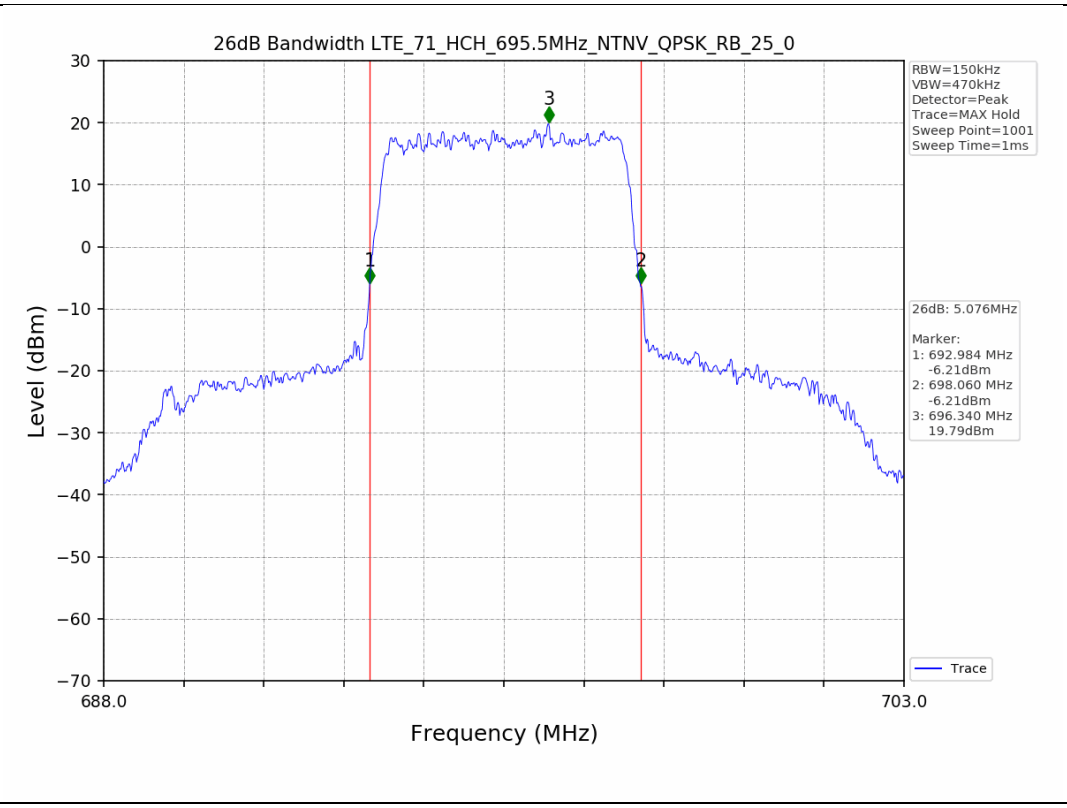

26dB Bandwidth LTE_71_LCH_665.5MHz_NTNV_16QAM_RB_25_0
RBW=150kHz
VBW=470kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 5.116MHz
Marker:
1: 662.955 MHz
-7.47dBm
2: 668.071 MHz
-7.47dBm
3: 665.530 MHz
18.53dBm
Trace
Level (dBm)
Frequency (MHz)
658.0
673.0


26dB Bandwidth LTE_71_MCH_680.5MHz_NTNV_16QAM_RB_25_0
RBW=150kHz
VBW=470kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 5.114MHz
Marker:
1: 677.974 MHz
-8.94dBm
2: 683.088 MHz
-8.94dBm
3: 679.615 MHz
17.06dBm
Trace
Level (dBm)
Frequency (MHz)
673.0
688.0

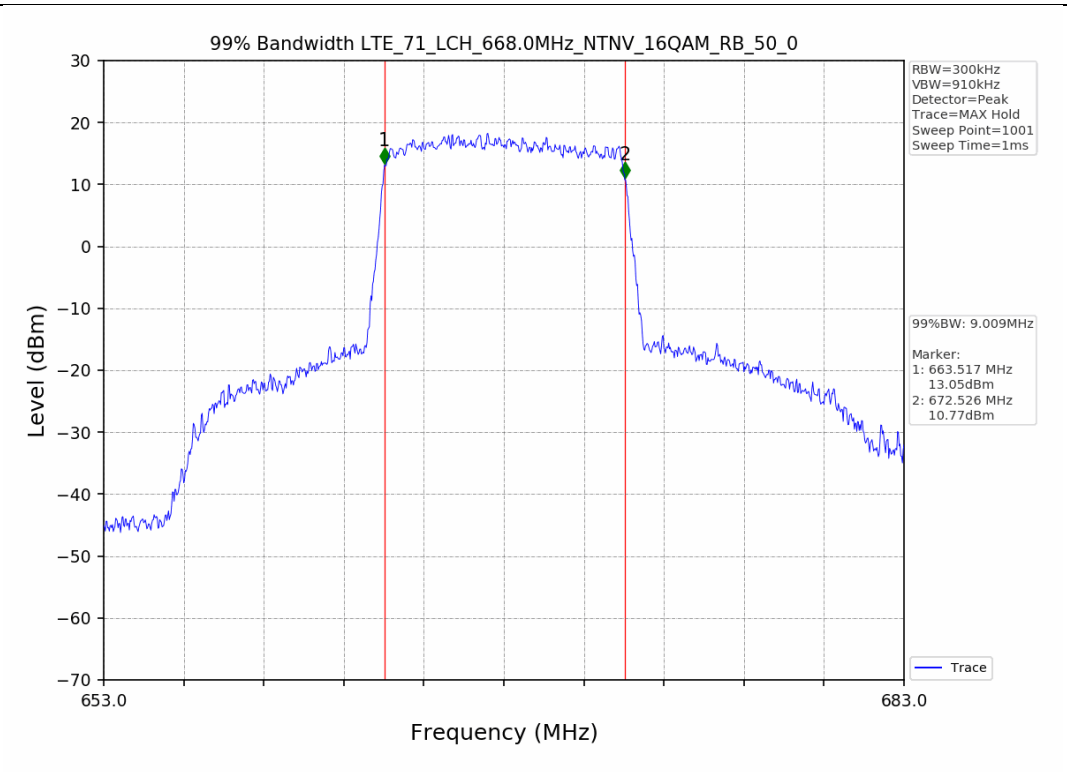

26dB Bandwidth LTE_71_HCH_695.5MHz_NTNV_16QAM_RB_25_0
RBW=150kHz
VBW=470kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 5.026MHz
Marker:
1: 692.992 MHz
-7.29dBm
2: 698.018 MHz
-7.29dBm
3: 695.860 MHz
18.71dBm
Trace
Level (dBm)
Frequency (MHz)
688.0
703.0

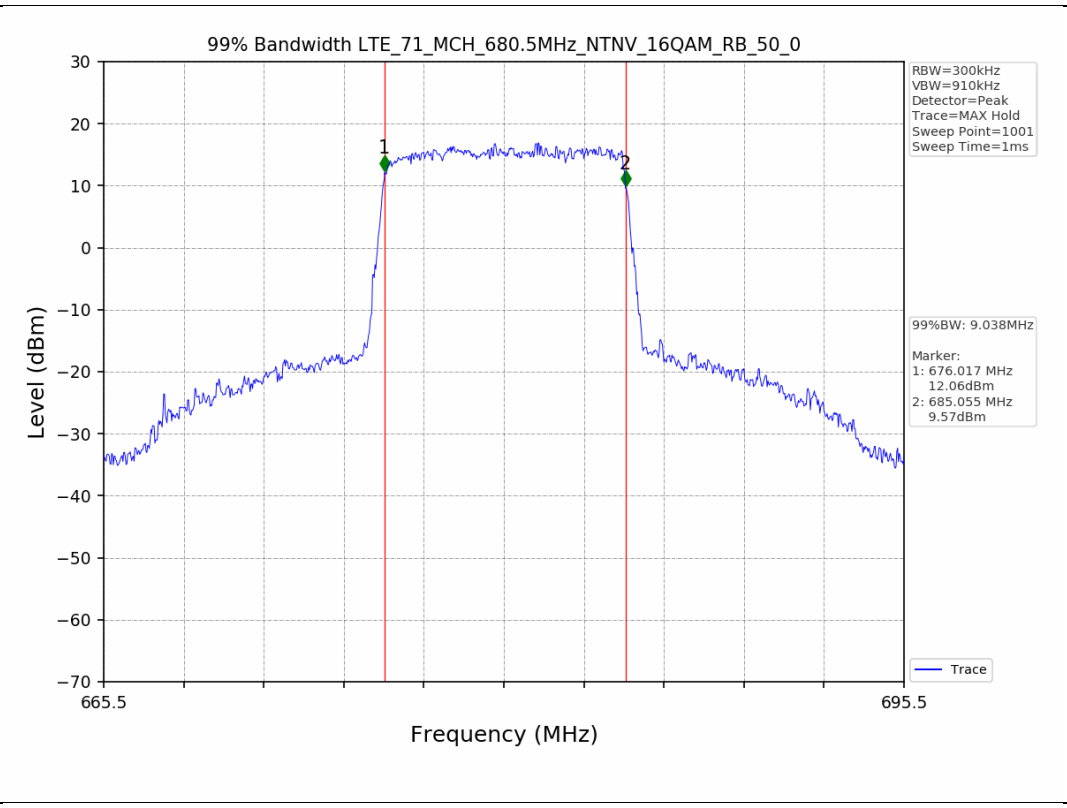

26dB Bandwidth LTE_71_LCH_665.5MHz_NTNV_QPSK_RB_25_0
RBW=150kHz
VBW=470kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 5.083MHz
Marker:
1: 662.985 MHz
-6.77dBm
2: 668.068 MHz
-6.77dBm
3: 665.200 MHz
19.23dBm
Trace
Level (dBm)
Frequency (MHz)
658.0
673.0

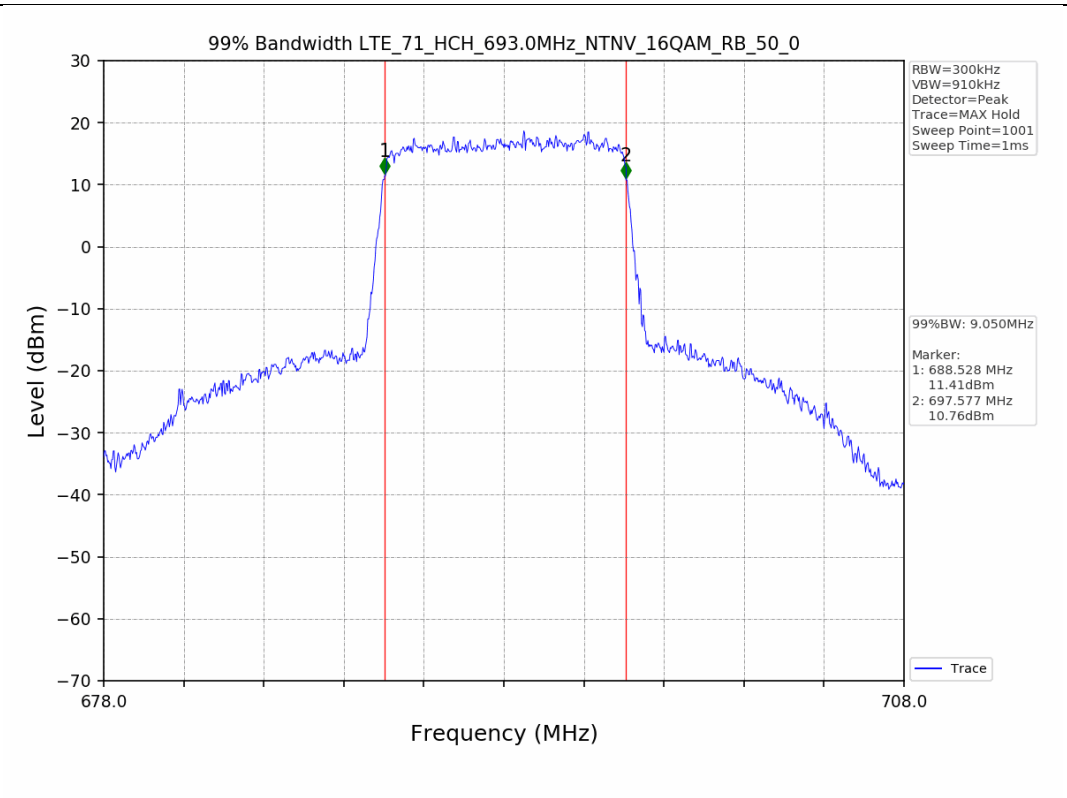

26dB Bandwidth LTE_71_MCH_680.5MHz_NTNV_QPSK_RB_25_0
RBW=150kHz
VBW=470kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 5.095MHz
Marker:
1: 677.953 MHz
-8.67dBm
2: 683.048 MHz
-8.67dBm
3: 681.055 MHz
17.33dBm
Trace
Level (dBm)
Frequency (MHz)
673.0
688.0

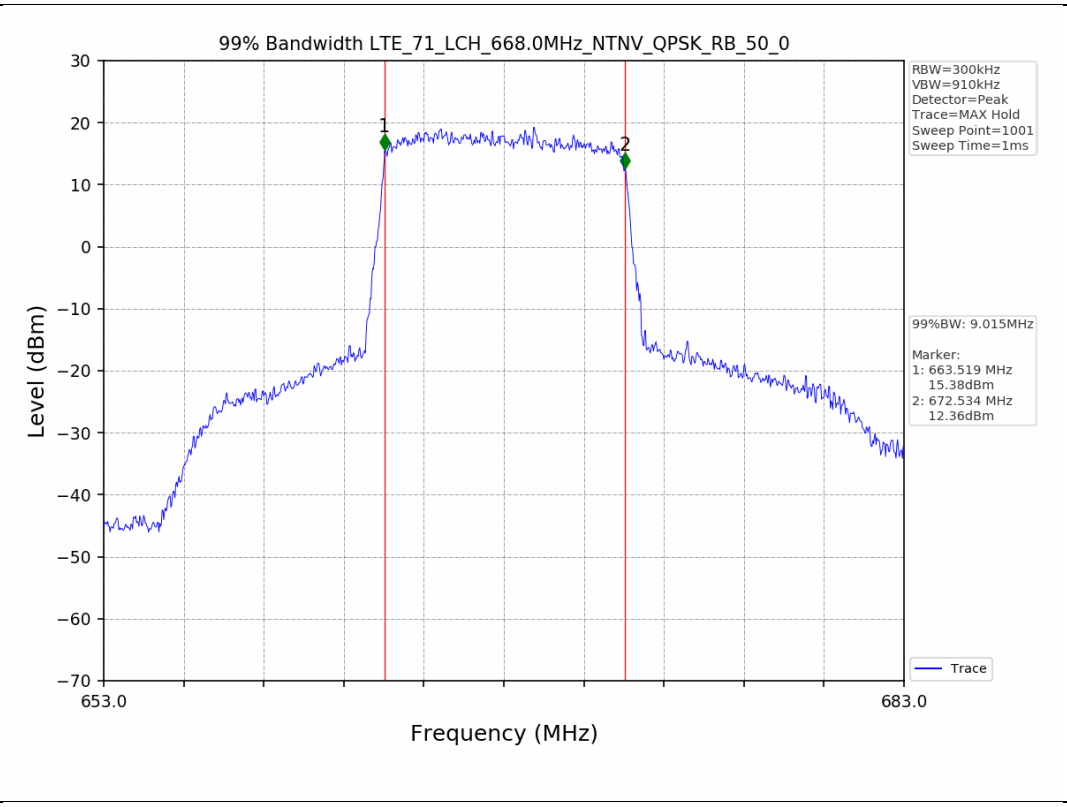

26dB Bandwidth LTE_71_HCH_695.5MHz_NTNV_QPSK_RB_25_0
RBW=150kHz
VBW=470kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 5.076MHz
Marker:
1: 692.984 MHz
-6.21dBm
2: 698.060 MHz
-6.21dBm
3: 696.340 MHz
19.79dBm
Trace
Level (dBm)
Frequency (MHz)
688.0
703.0

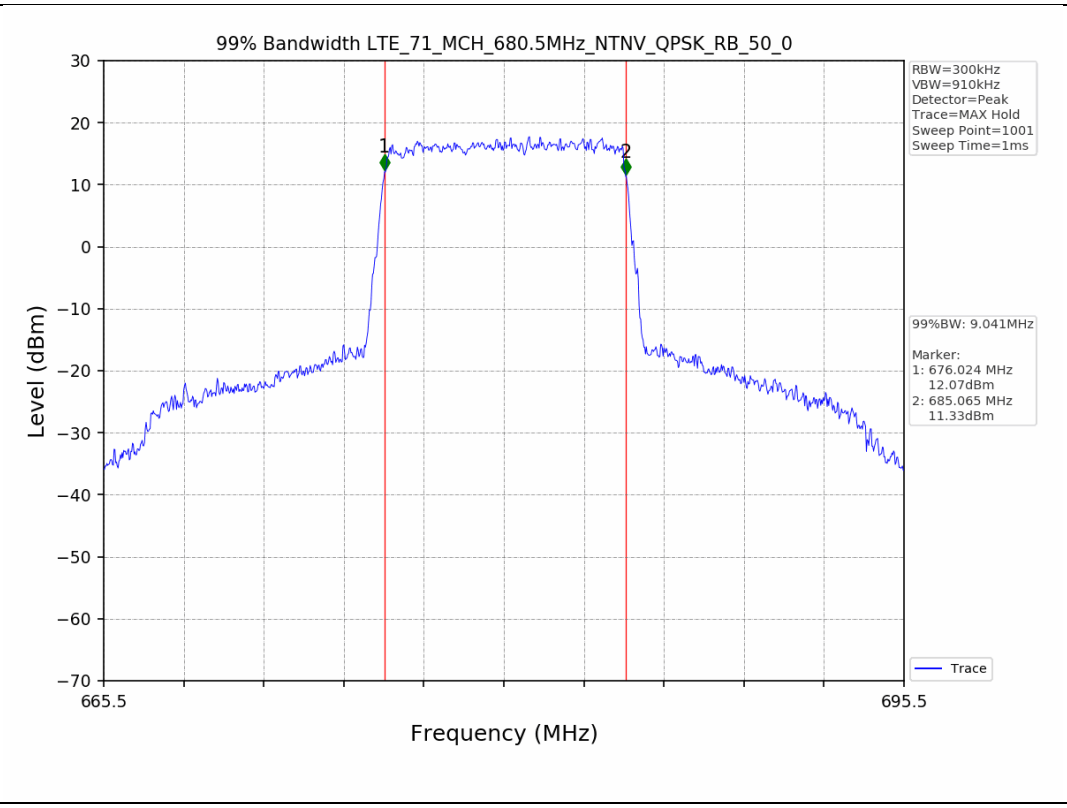
Test Band: 71 _ 10MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.015	9.041	9.066	N/A	PASS
16QAM	50	0	9.009	9.038	9.050	N/A	PASS

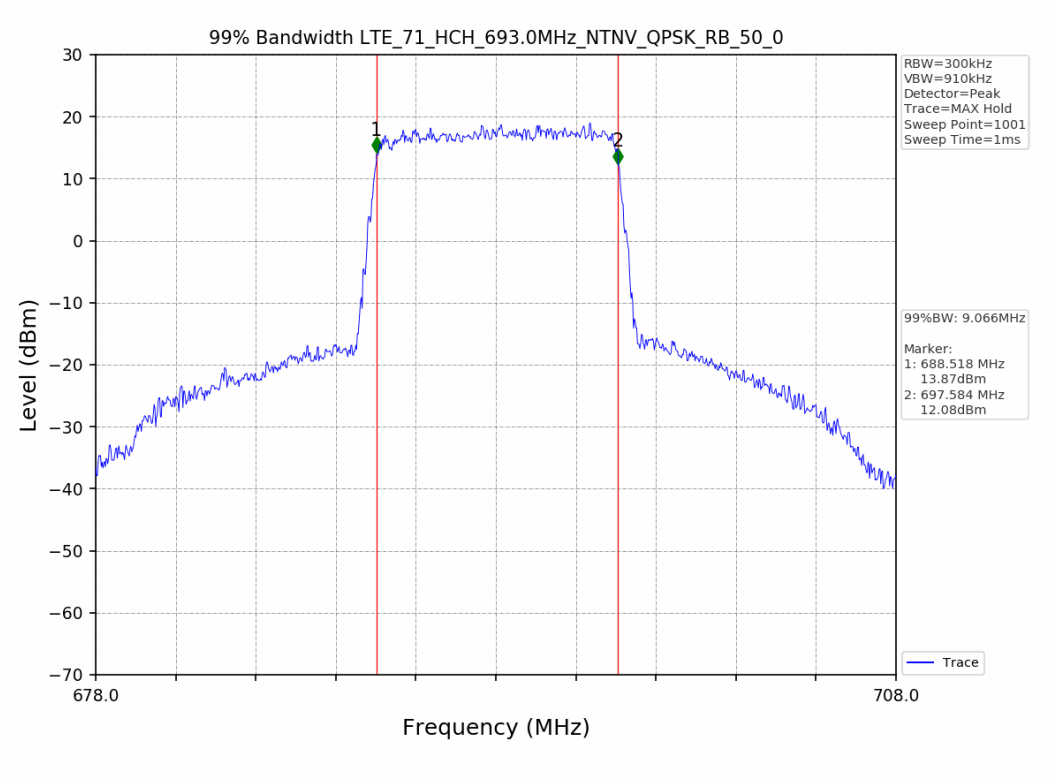



99% Bandwidth LTE_71_MCH_680.5MHz_NTNV_16QAM_RB_50_0
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 9.038MHz
Marker:
1: 676.017 MHz
12.06dBm
2: 685.055 MHz
9.57dBm
Trace
Level (dBm)
Frequency (MHz)
665.5
695.5

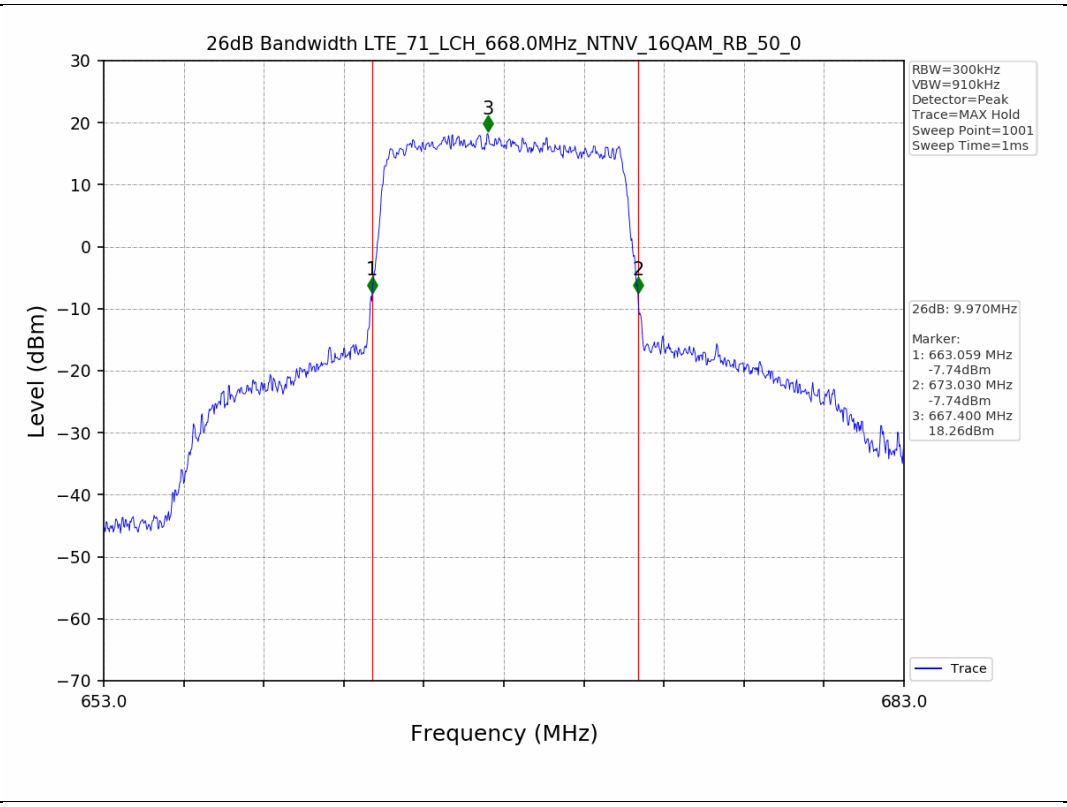

99% Bandwidth LTE_71_HCH_693.0MHz_NTNV_16QAM_RB_50_0
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 9.050MHz
Marker:
1: 688.528 MHz
11.41dBm
2: 697.577 MHz
10.76dBm
Trace
Level (dBm)
Frequency (MHz)
678.0
708.0

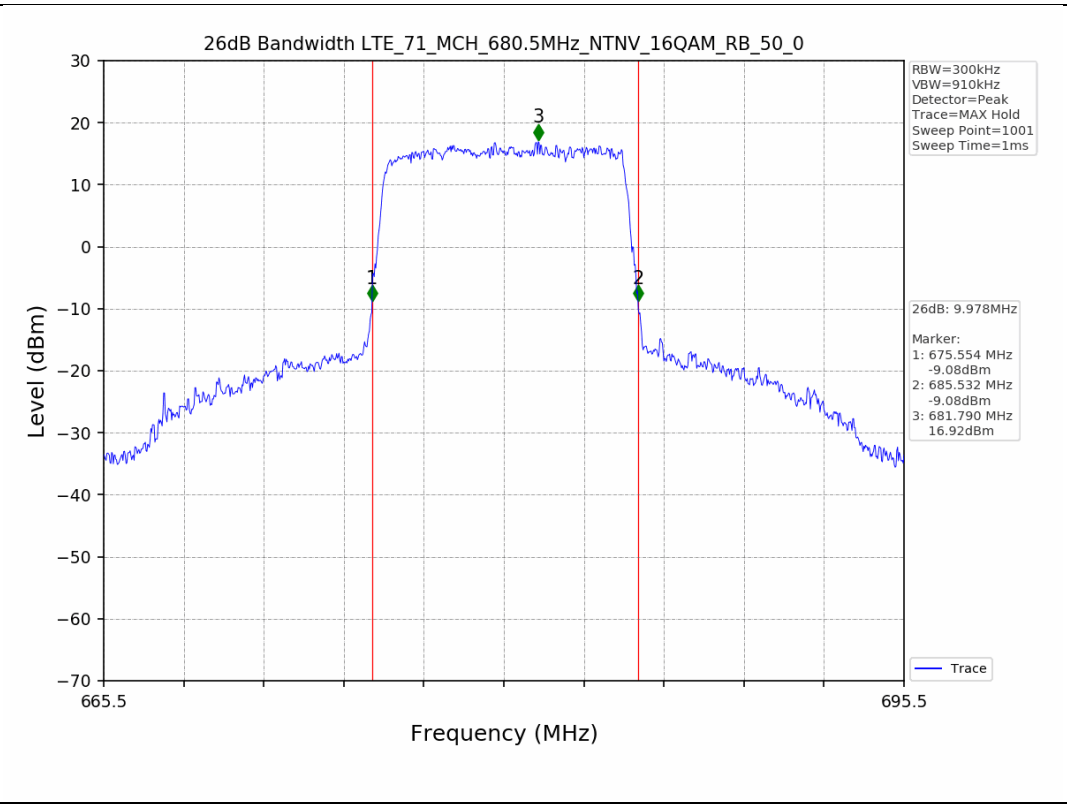

99% Bandwidth LTE_71_LCH_668.0MHz_NTNV_QPSK_RB_50_0
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 9.015MHz
Marker:
1: 663.519 MHz
15.38dBm
2: 672.534 MHz
12.36dBm
Trace
Level (dBm)
Frequency (MHz)
653.0
683.0

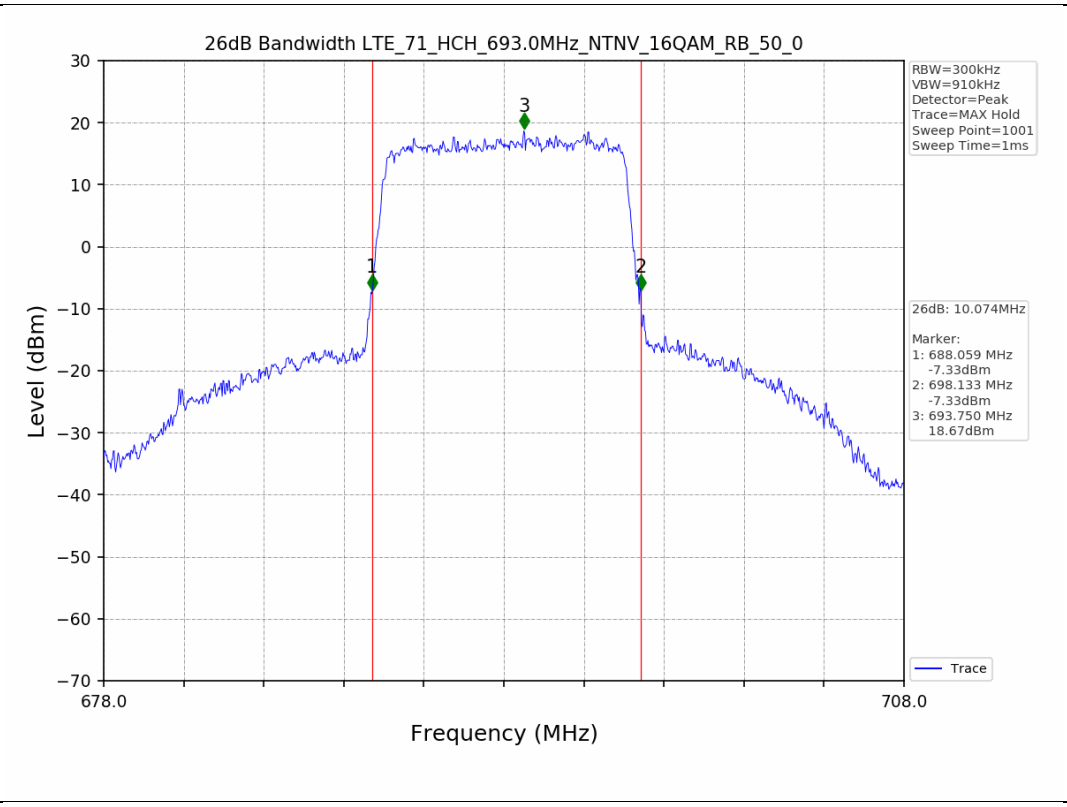

99% Bandwidth LTE_71_MCH_680.5MHz_NTNV_QPSK_RB_50_0
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 9.041MHz
Marker:
1: 676.024 MHz
12.07dBm
2: 685.065 MHz
11.33dBm
Trace
Level (dBm)
Frequency (MHz)
665.5
695.5

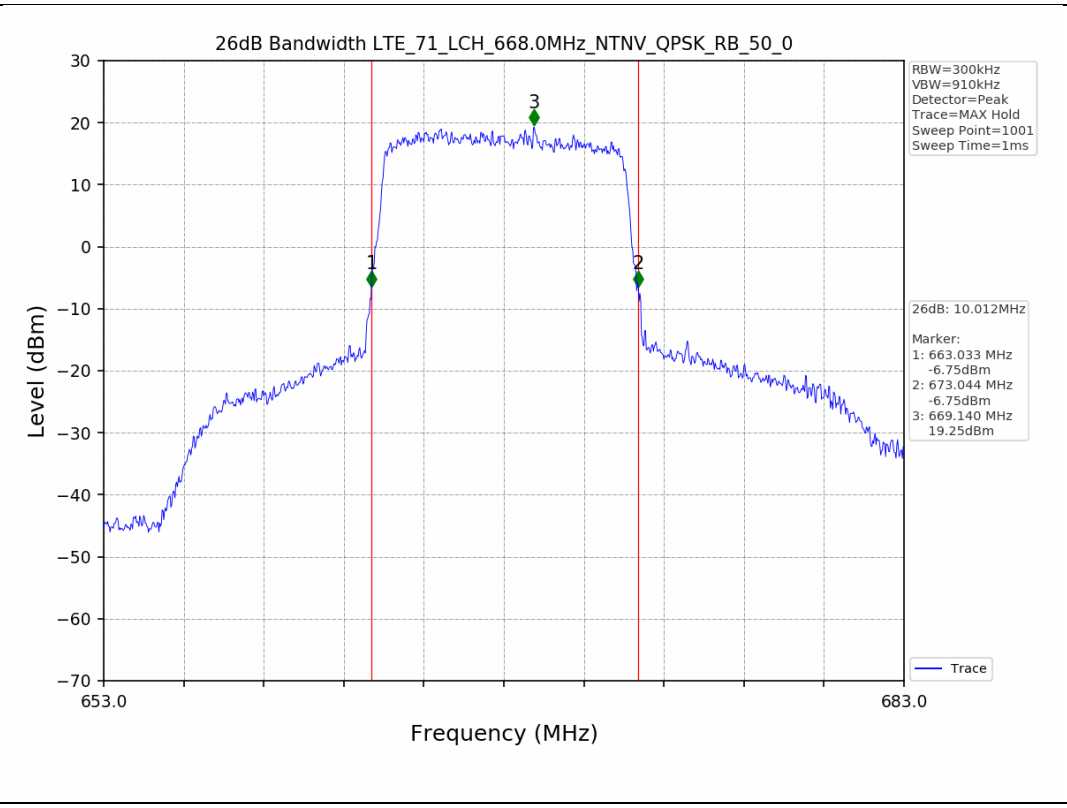


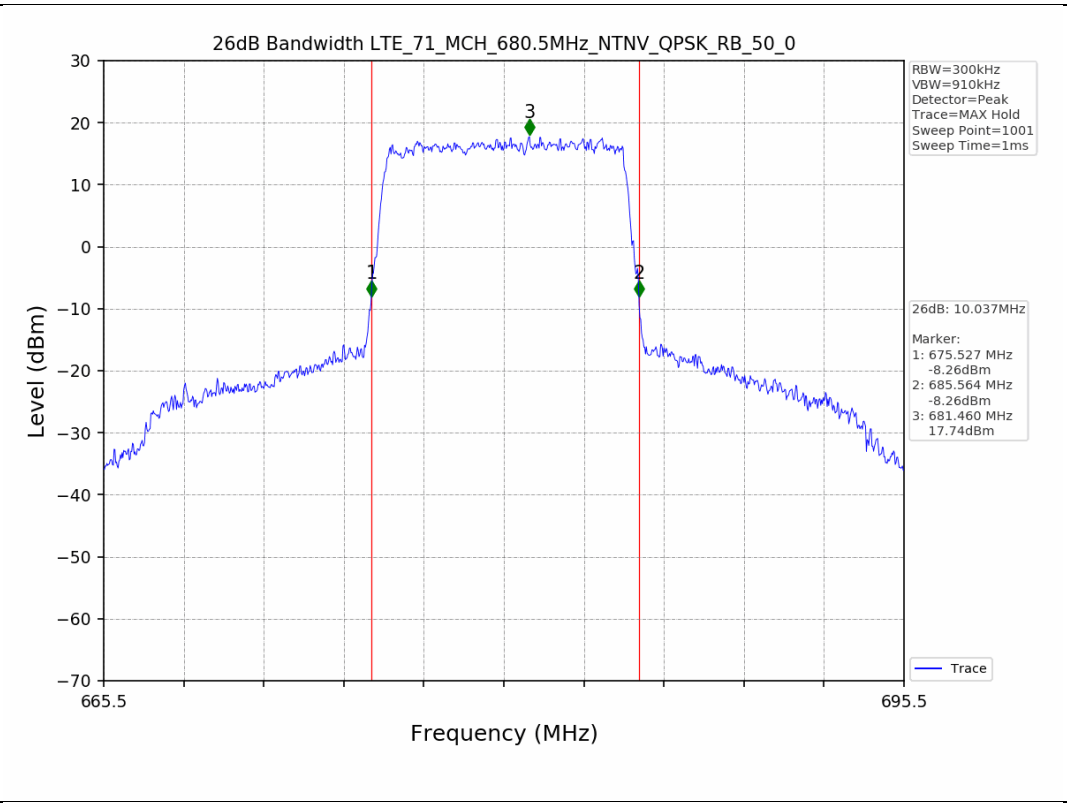
Test Band: 71 _ 10MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	10.012	10.037	10.033	N/A	PASS
16QAM	50	0	9.970	9.978	10.074	N/A	PASS

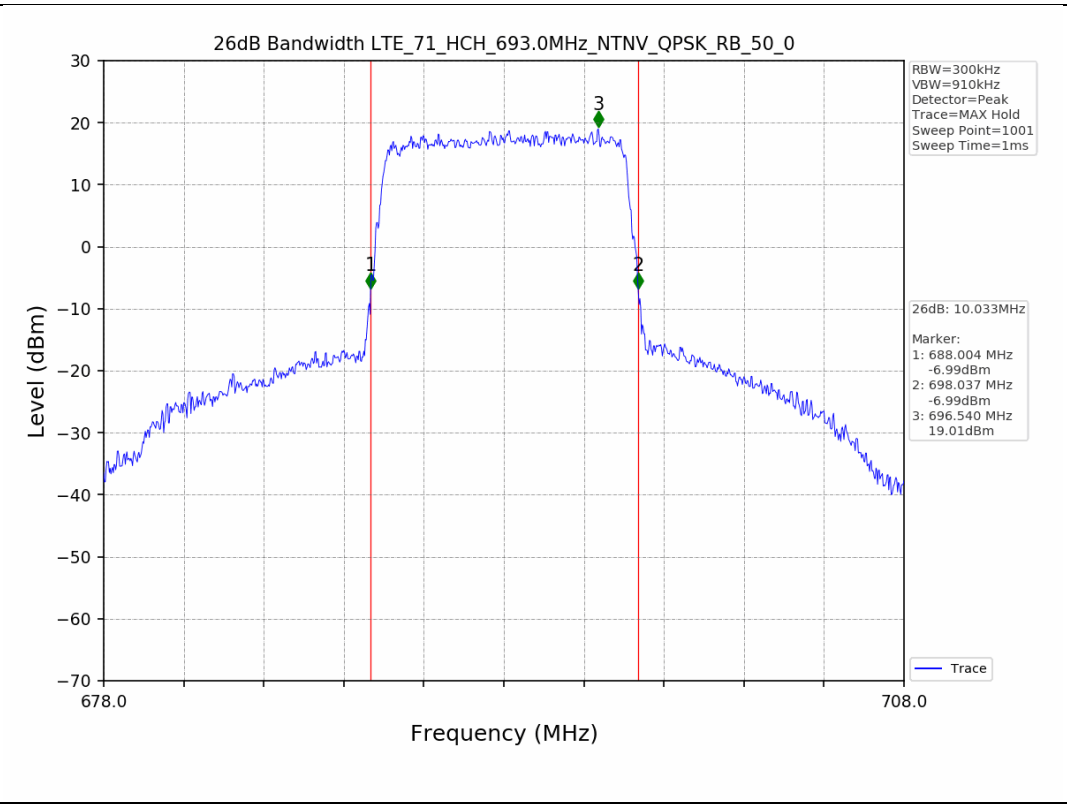

26dB Bandwidth LTE_71_LCH_668.0MHz_NTNV_16QAM_RB_50_0
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 9.970MHz
Marker:
1: 663.059 MHz
-7.74dBm
2: 673.030 MHz
-7.74dBm
3: 667.400 MHz
18.26dBm
Trace
Level (dBm)
Frequency (MHz)
653.0
683.0


26dB Bandwidth LTE_71_MCH_680.5MHz_NTNV_16QAM_RB_50_0
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 9.978MHz
Marker:
1: 675.554 MHz
-9.08dBm
2: 685.532 MHz
-9.08dBm
3: 681.790 MHz
16.92dBm
Trace
Level (dBm)
Frequency (MHz)
665.5
695.5

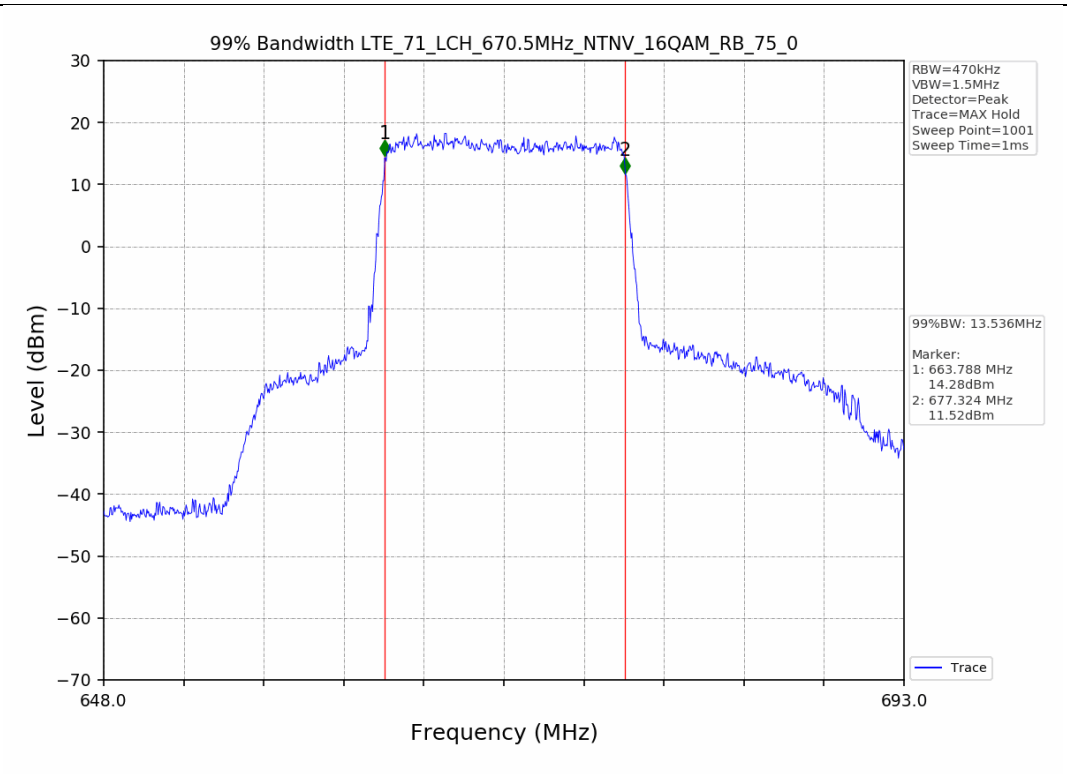

26dB Bandwidth LTE_71_HCH_693.0MHz_NTNV_16QAM_RB_50_0
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 10.074MHz
Marker:
1: 688.059 MHz
-7.33dBm
2: 698.133 MHz
-7.33dBm
3: 693.750 MHz
18.67dBm
Trace
Level (dBm)
Frequency (MHz)
678.0
708.0

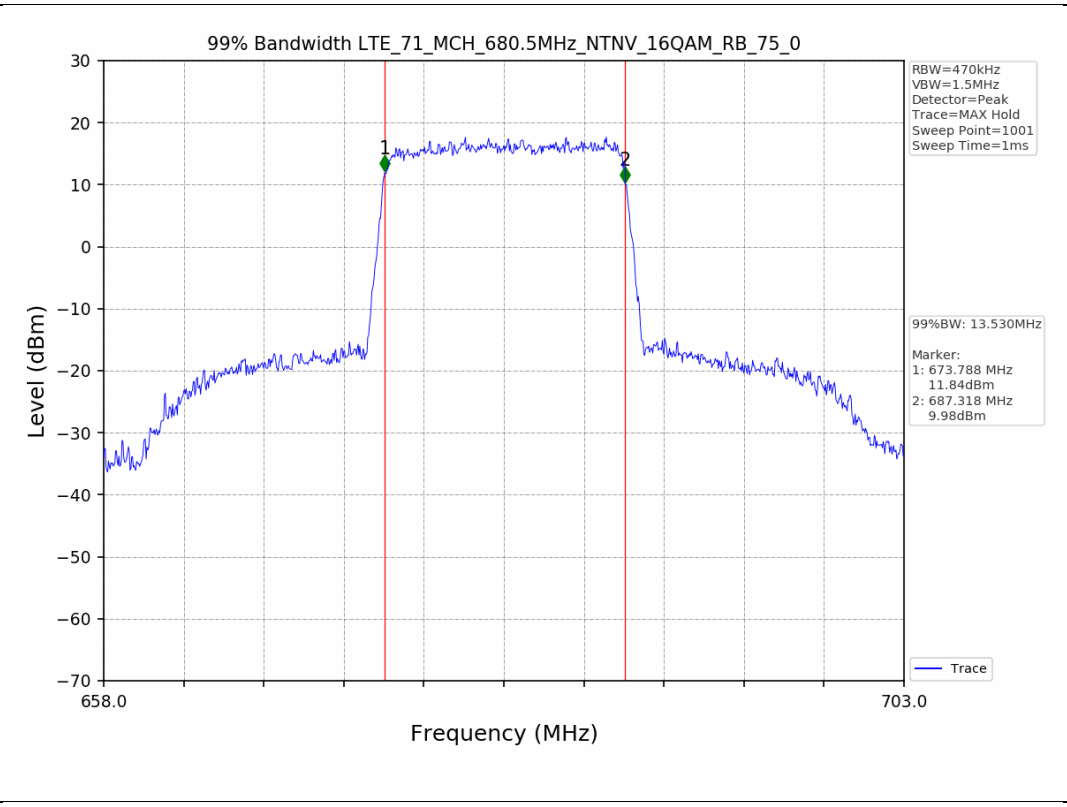

26dB Bandwidth LTE_71_LCH_668.0MHz_NTNV_QPSK_RB_50_0
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 10.012MHz
Marker:
1: 663.033 MHz
-6.75dBm
2: 673.044 MHz
-6.75dBm
3: 669.140 MHz
19.25dBm
Trace
Level (dBm)
Frequency (MHz)
653.0
683.0

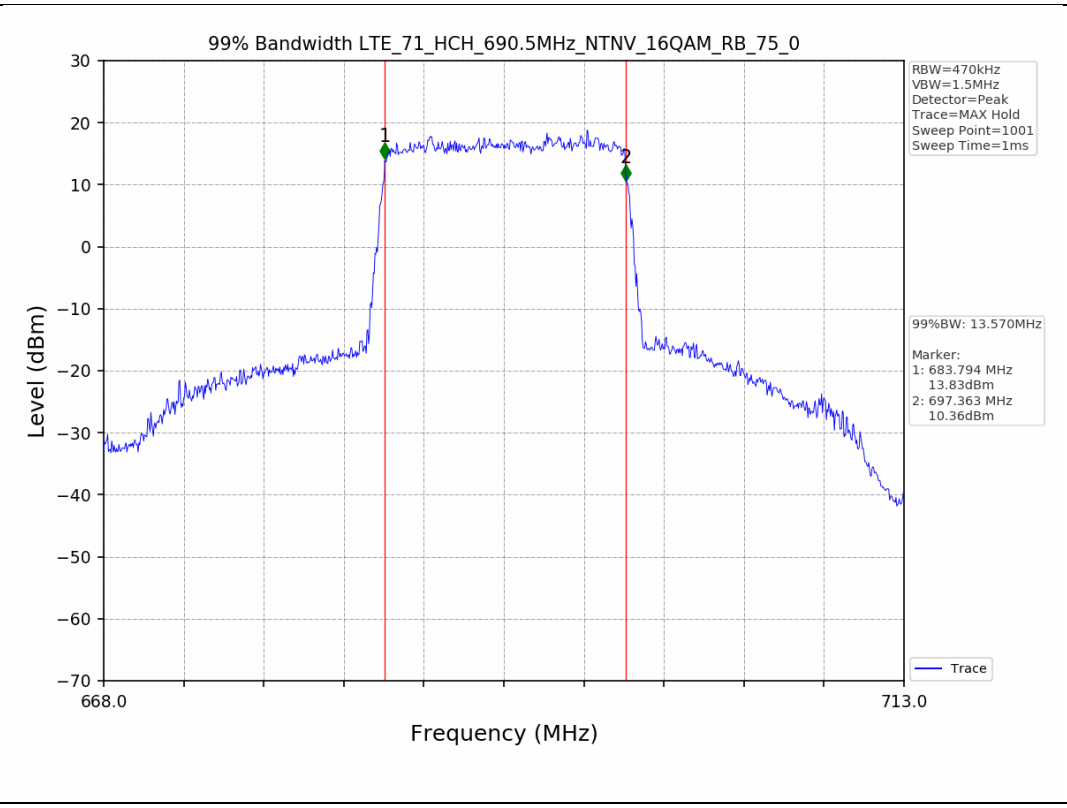

26dB Bandwidth LTE_71_MCH_680.5MHz_NTNV_QPSK_RB_50_0
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 10.037MHz
Marker:
1: 675.527 MHz
-8.26dBm
2: 685.564 MHz
-8.26dBm
3: 681.460 MHz
17.74dBm
Trace
Level (dBm)
Frequency (MHz)
665.5
695.5

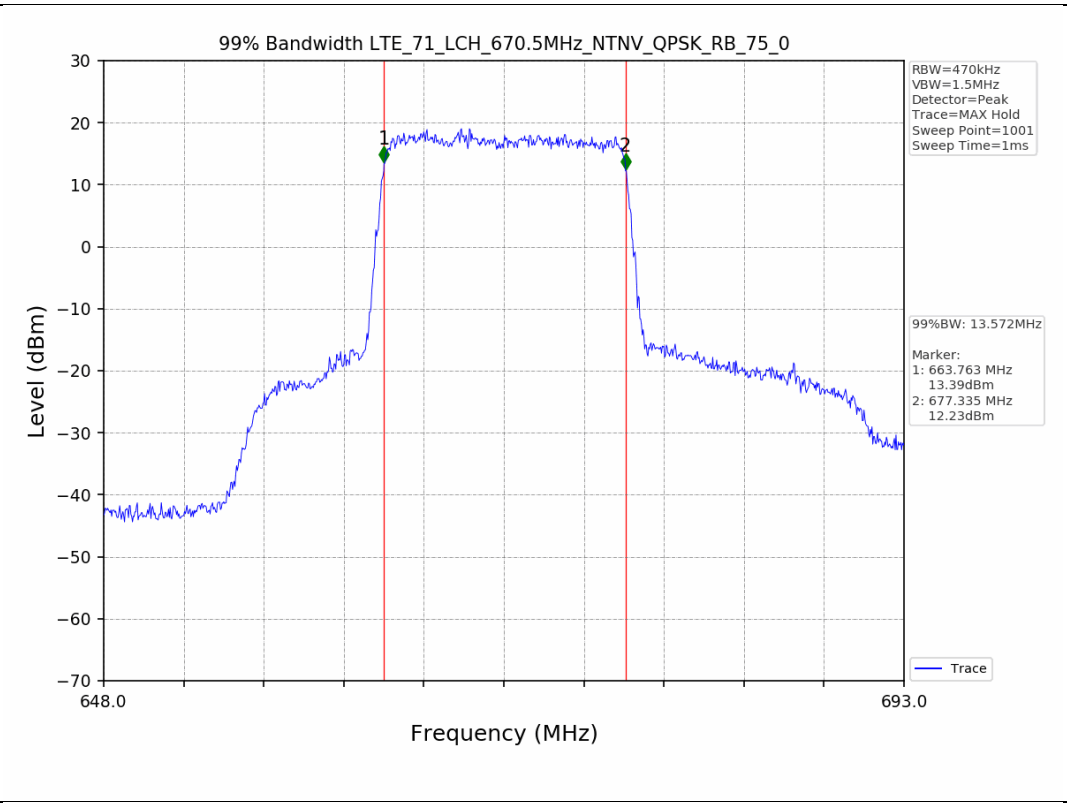

26dB Bandwidth LTE_71_HCH_693.0MHz_NTNV_QPSK_RB_50_0
RBW=300kHz
VBW=910kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 10.033MHz
Marker:
1: 688.004 MHz
-6.99dBm
2: 698.037 MHz
-6.99dBm
3: 696.540 MHz
19.01dBm
Trace
Level (dBm)
Frequency (MHz)
678.0
708.0

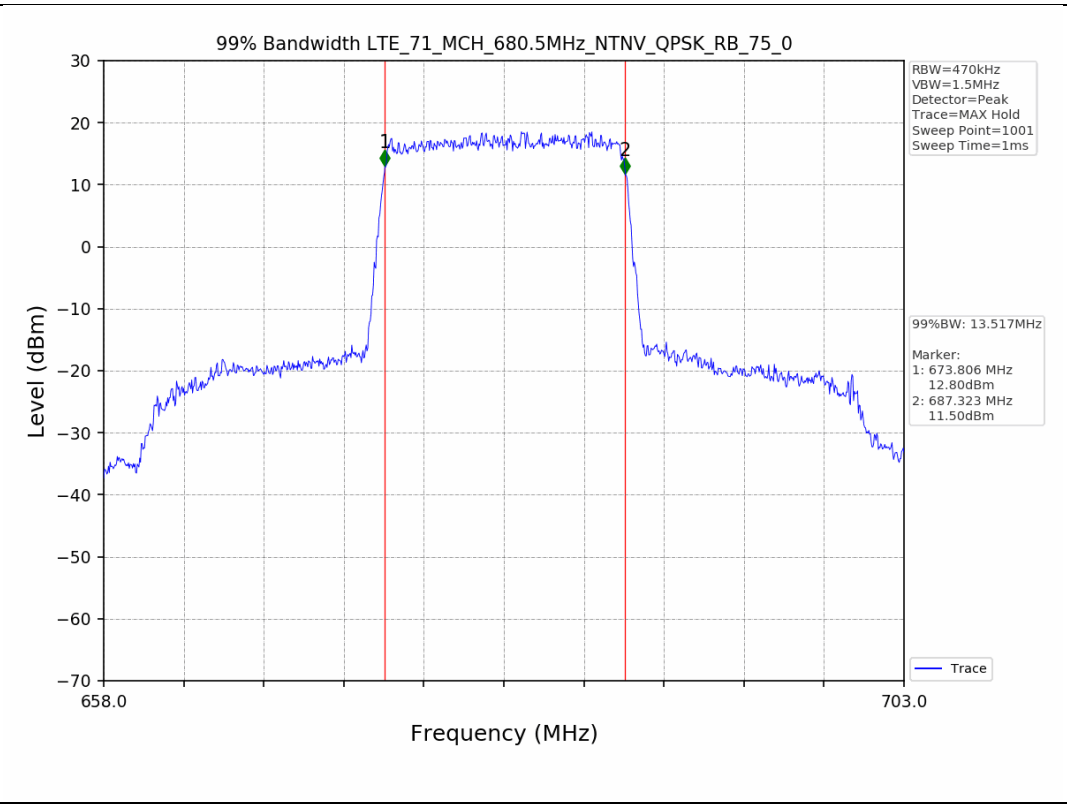
Test Band: 71 _ 15MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	13.572	13.517	13.592	N/A	PASS
16QAM	75	0	13.536	13.530	13.570	N/A	PASS

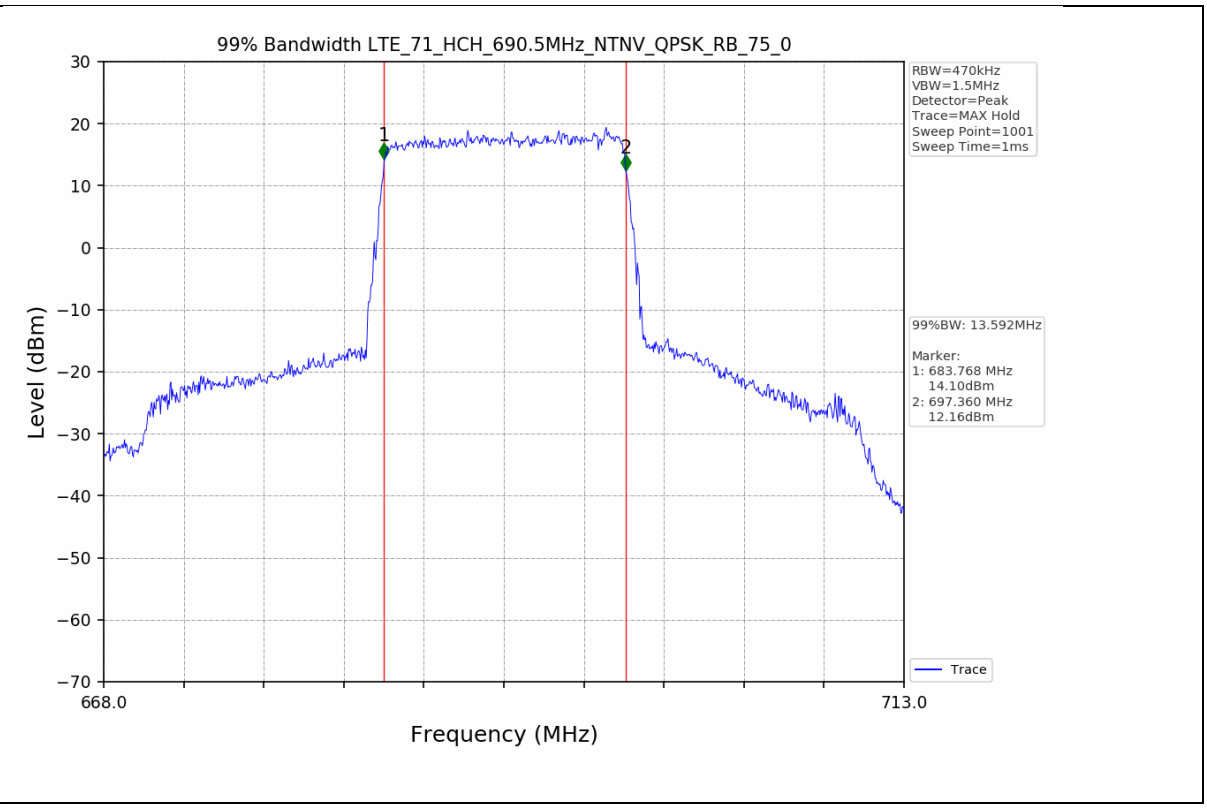



99% Bandwidth LTE_71_MCH_680.5MHz_NTNV_16QAM_RB_75_0
RBW=470kHz
VBW=1.5MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 13.530MHz
Marker:
1: 673.788 MHz
11.84dBm
2: 687.318 MHz
9.98dBm
Trace
Level (dBm)
Frequency (MHz)
658.0
703.0

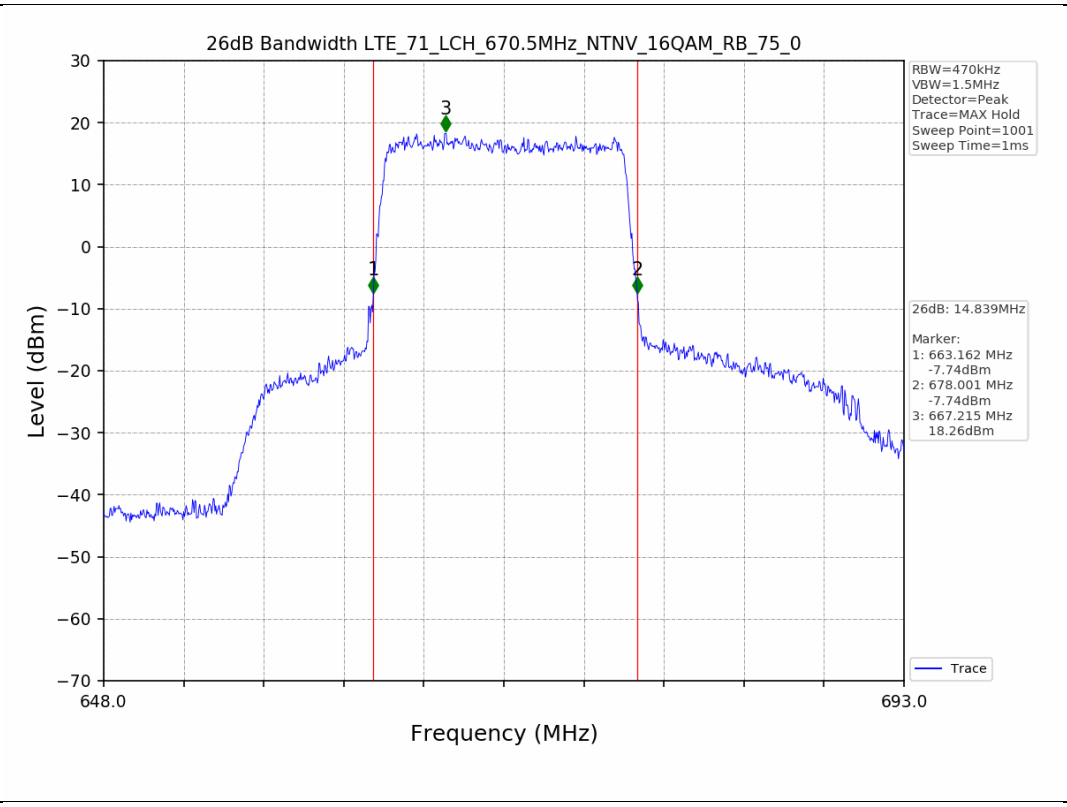

99% Bandwidth LTE_71_HCH_690.5MHz_NTNV_16QAM_RB_75_0
RBW=470kHz
VBW=1.5MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 13.570MHz
Marker:
1: 683.794 MHz
13.83dBm
2: 697.363 MHz
10.36dBm
Trace
Level (dBm)
Frequency (MHz)
668.0
713.0

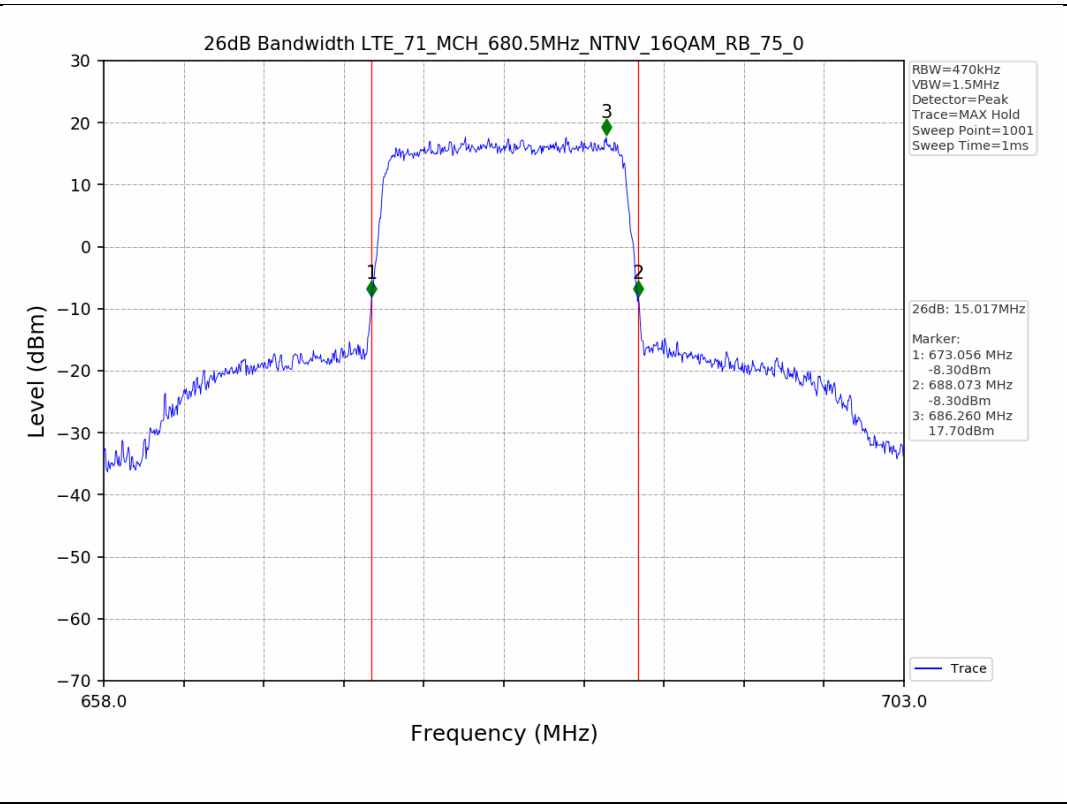

99% Bandwidth LTE_71_LCH_670.5MHz_NTNV_QPSK_RB_75_0
RBW=470kHz
VBW=1.5MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 13.572MHz
Marker:
1: 663.763 MHz
13.39dBm
2: 677.335 MHz
12.23dBm
Trace
Level (dBm)
Frequency (MHz)
30
20
10
0
−10
−20
−30
−40
−50
−60
−70
648.0
693.0

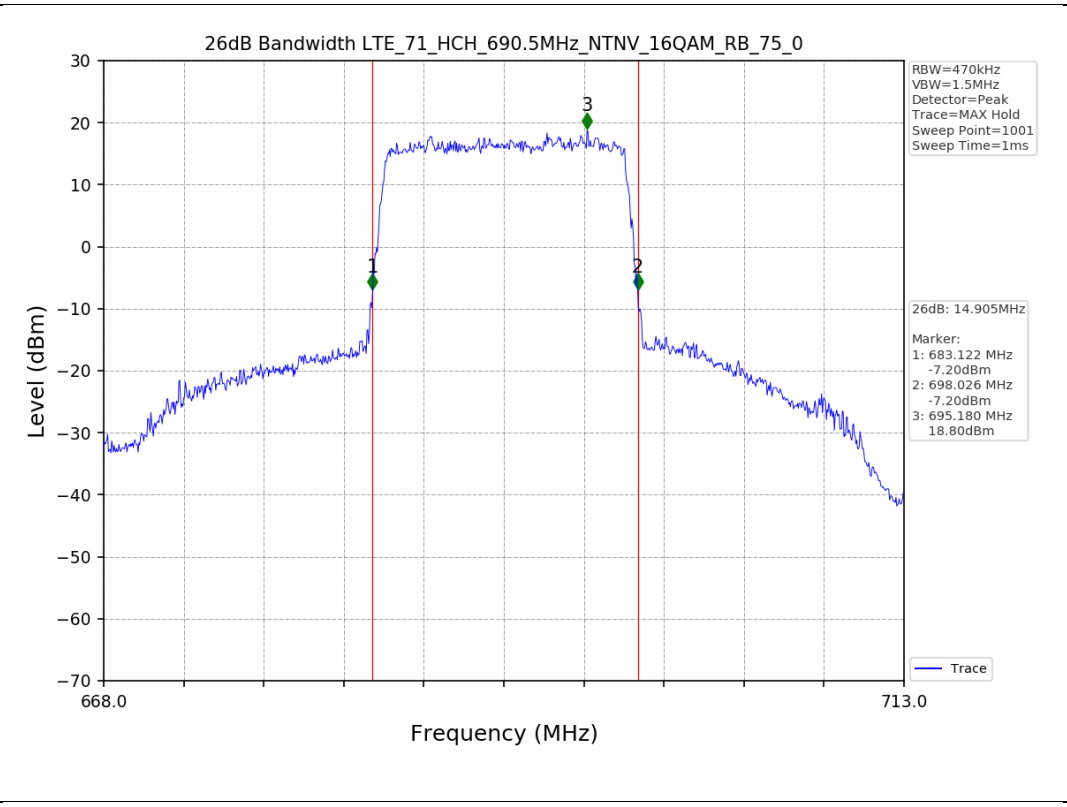

99% Bandwidth LTE_71_MCH_680.5MHz_NTNV_QPSK_RB_75_0
RBW=470kHz
VBW=1.5MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 13.517MHz
Marker:
1: 673.806 MHz
12.80dBm
2: 687.323 MHz
11.50dBm
Trace
Level (dBm)
Frequency (MHz)
30
20
10
0
−10
−20
−30
−40
−50
−60
−70
658.0
703.0

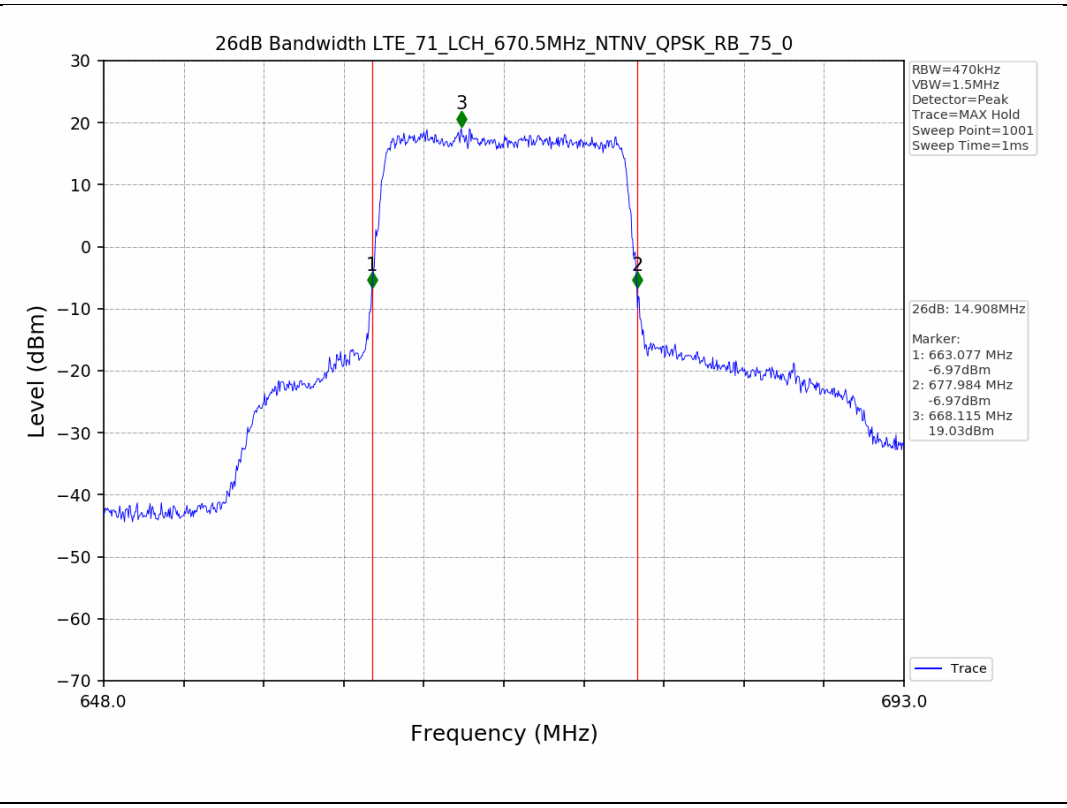


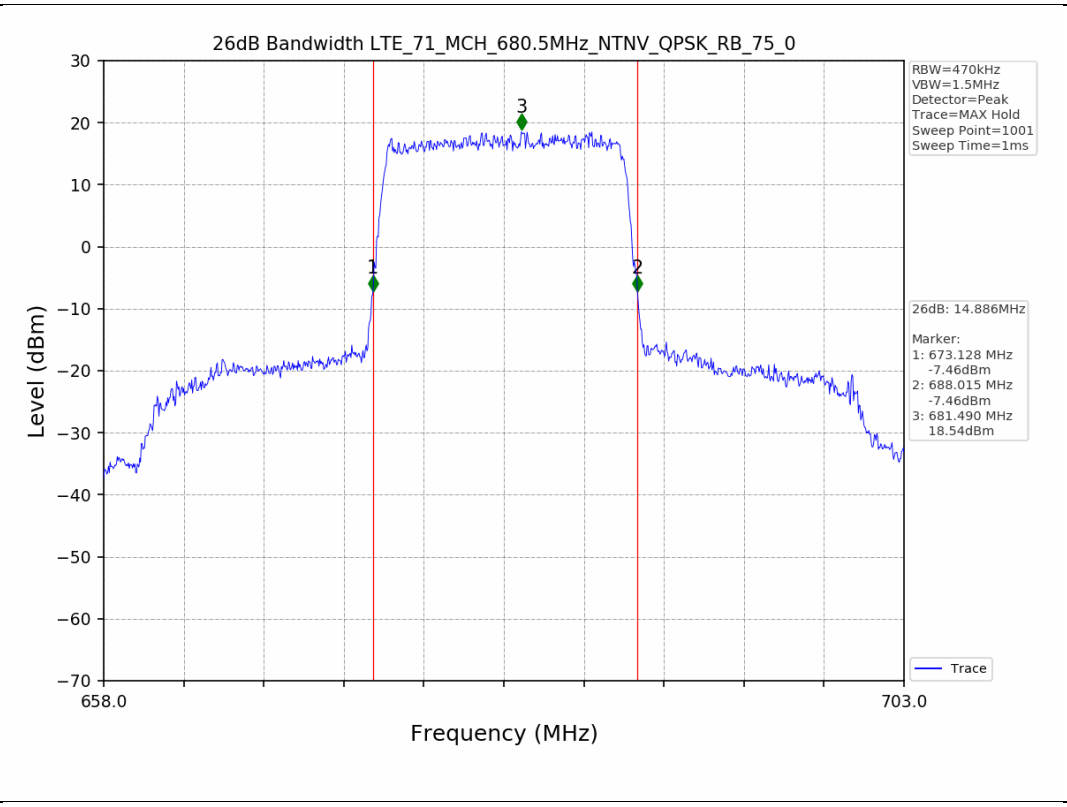
Test Band: 71 _ 15MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	14.908	14.886	15.110	N/A	PASS
16QAM	75	0	14.839	15.017	14.905	N/A	PASS

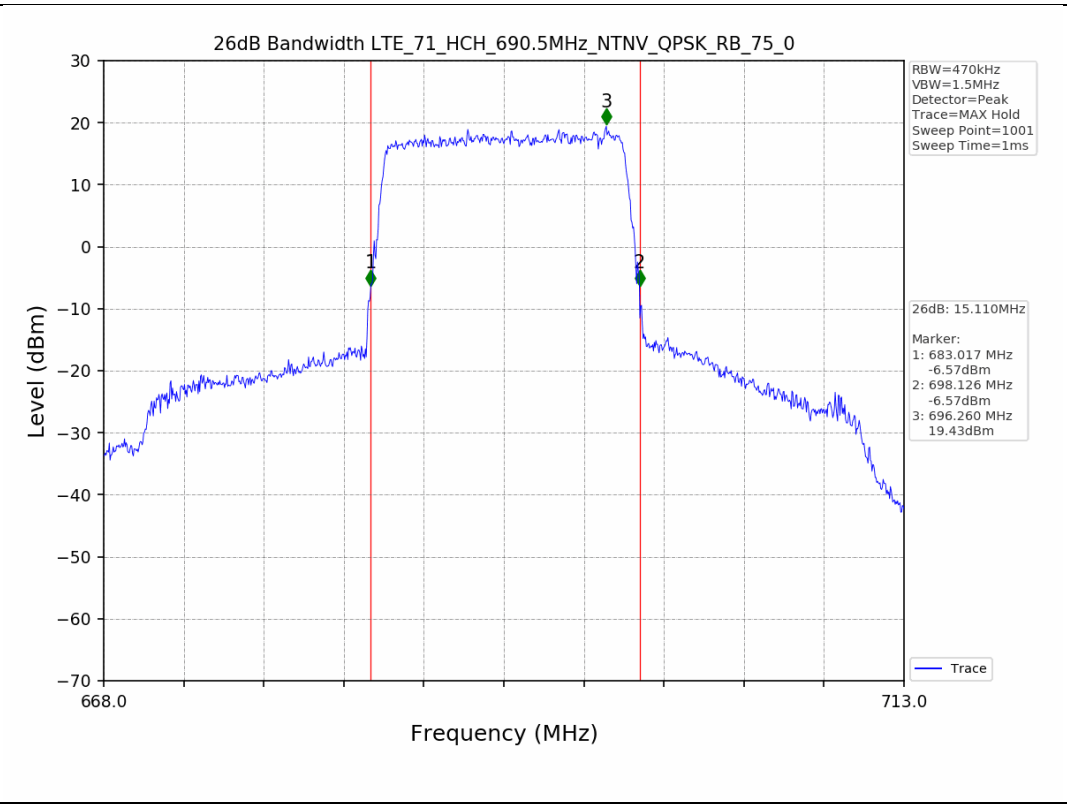

26dB Bandwidth LTE_71_LCH_670.5MHz_NTNV_16QAM_RB_75_0
RBW=470kHz
VBW=1.5MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 14.839MHz
Marker:
1: 663.162 MHz
-7.74dBm
2: 678.001 MHz
-7.74dBm
3: 667.215 MHz
18.26dBm
Trace
Level (dBm)
Frequency (MHz)
648.0
693.0


26dB Bandwidth LTE_71_MCH_680.5MHz_NTNV_16QAM_RB_75_0
RBW=470kHz
VBW=1.5MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 15.017MHz
Marker:
1: 673.056 MHz
-8.30dBm
2: 688.073 MHz
-8.30dBm
3: 686.260 MHz
17.70dBm
Trace
Level (dBm)
Frequency (MHz)
658.0
703.0

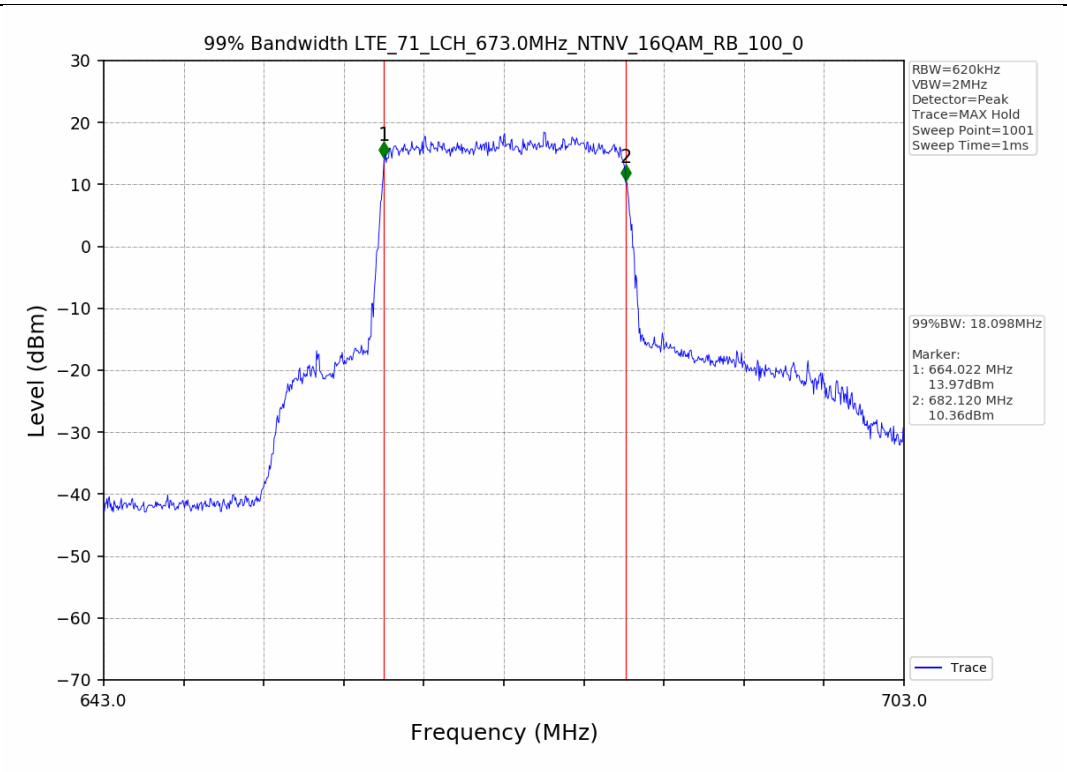

26dB Bandwidth LTE_71_HCH_690.5MHz_NTNV_16QAM_RB_75_0
RBW=470kHz
VBW=1.5MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 14.905MHz
Marker:
1: 683.122 MHz
-7.20dBm
2: 698.026 MHz
-7.20dBm
3: 695.180 MHz
18.80dBm
Trace
Level (dBm)
Frequency (MHz)
668.0
713.0

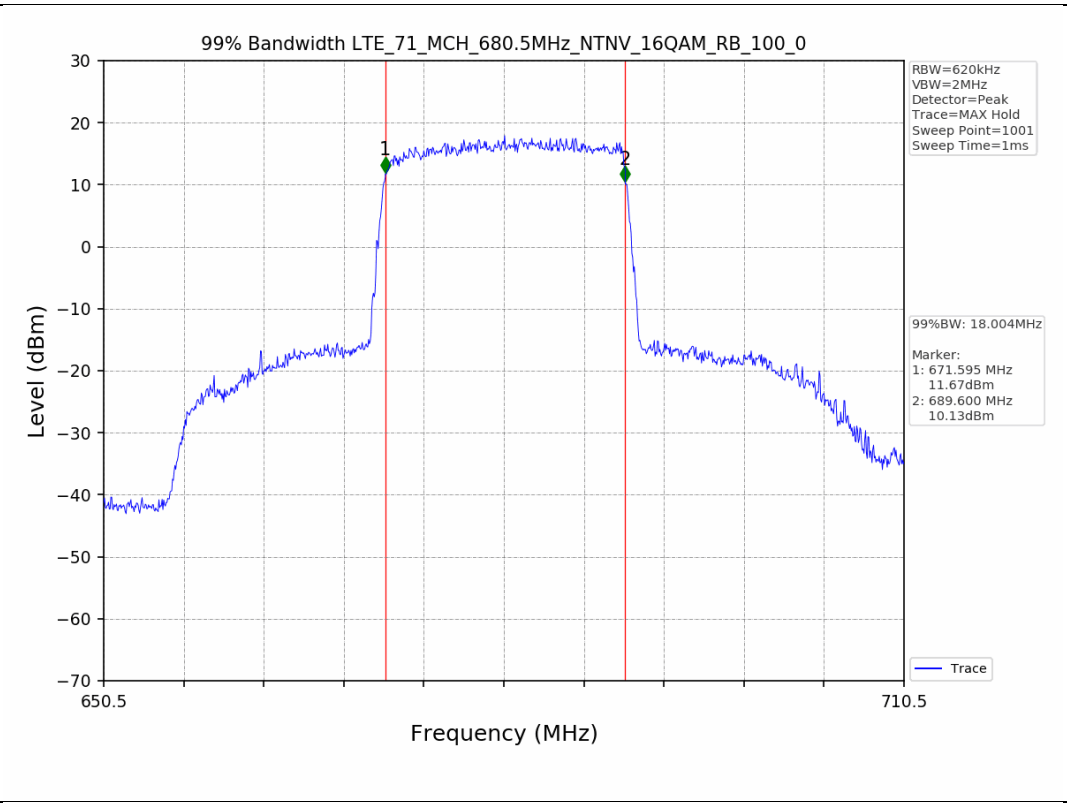

26dB Bandwidth LTE_71_LCH_670.5MHz_NTNV_QPSK_RB_75_0
RBW=470kHz
VBW=1.5MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 14.908MHz
Marker:
1: 663.077 MHz
-6.97dBm
2: 677.984 MHz
-6.97dBm
3: 668.115 MHz
19.03dBm
Trace
Level (dBm)
Frequency (MHz)
648.0
693.0

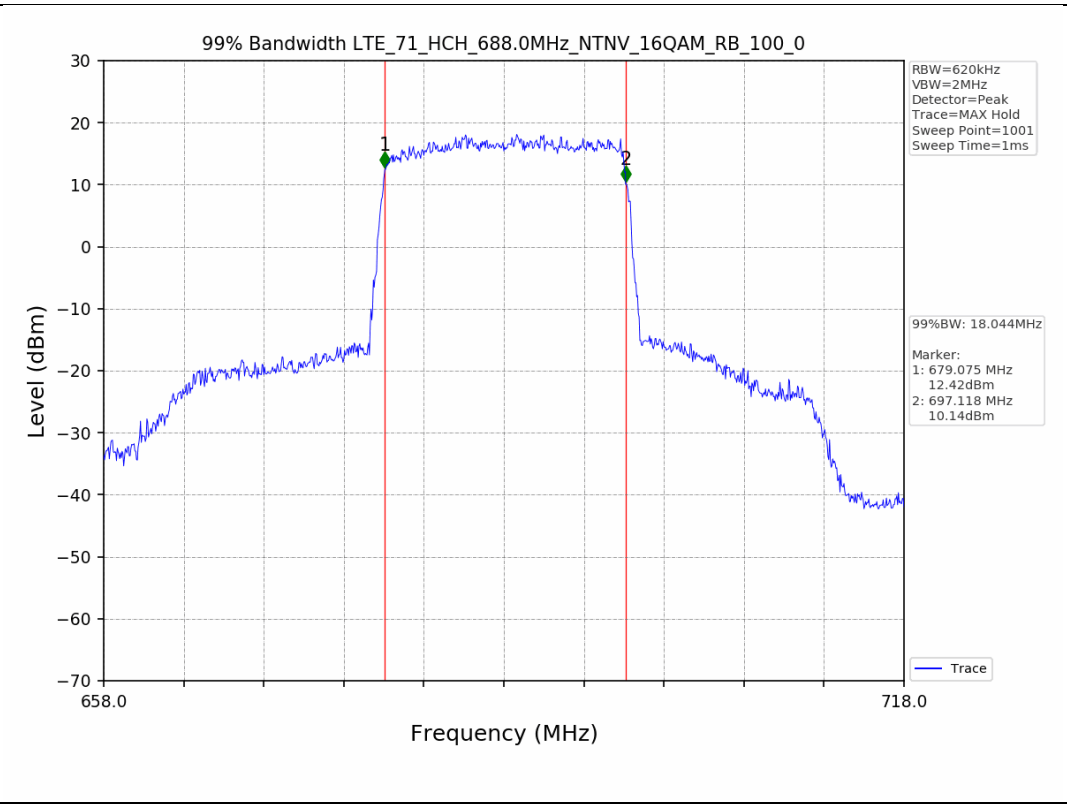

26dB Bandwidth LTE_71_MCH_680.5MHz_NTNV_QPSK_RB_75_0
RBW=470kHz
VBW=1.5MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 14.886MHz
Marker:
1: 673.128 MHz
-7.46dBm
2: 688.015 MHz
-7.46dBm
3: 681.490 MHz
18.54dBm
Trace
Level (dBm)
Frequency (MHz)
658.0
703.0

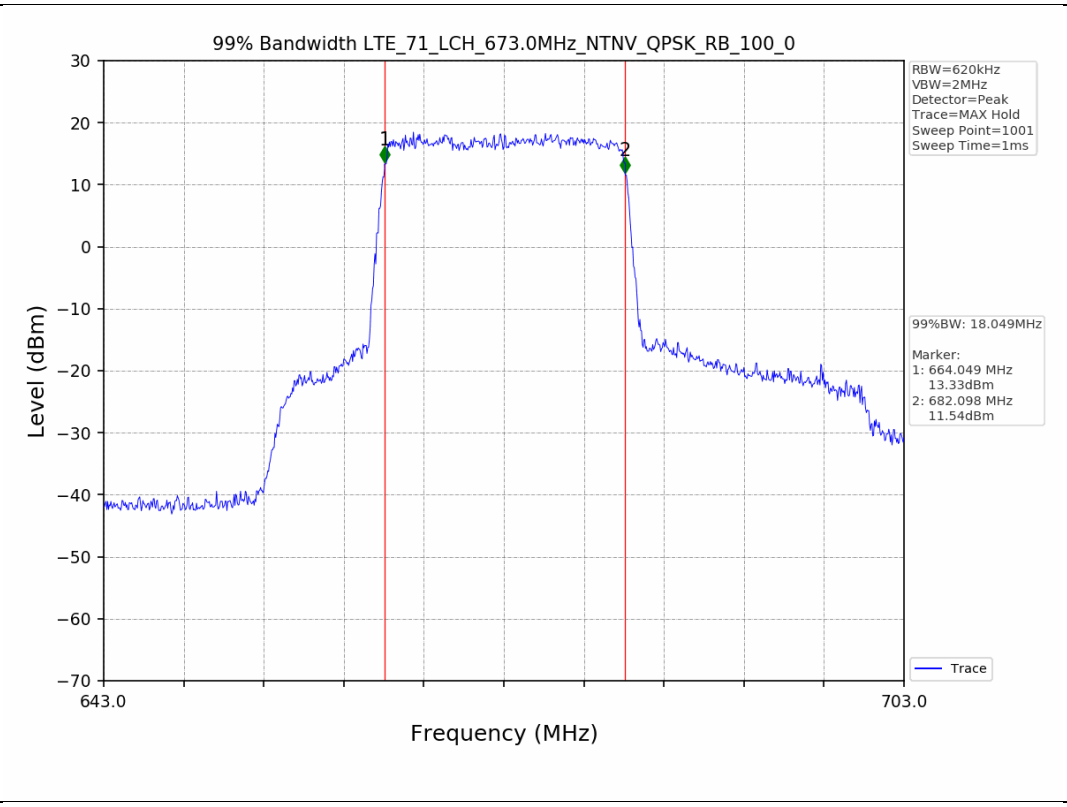

26dB Bandwidth LTE_71_HCH_690.5MHz_NTNV_QPSK_RB_75_0
RBW=470kHz
VBW=1.5MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 15.110MHz
Marker:
1: 683.017 MHz
-6.57dBm
2: 698.126 MHz
-6.57dBm
3: 696.260 MHz
19.43dBm
Trace
Level (dBm)
Frequency (MHz)
668.0
713.0

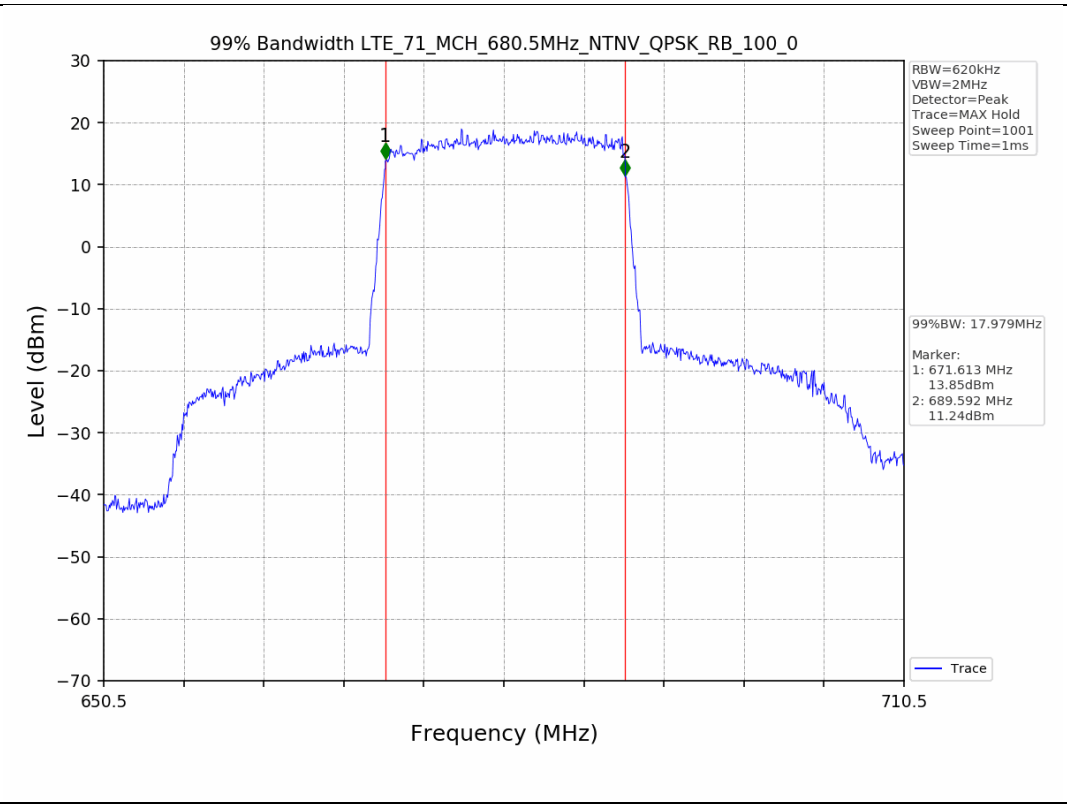
Test Band: 71 _ 20MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	18.049	17.979	18.045	N/A	PASS
16QAM	100	0	18.098	18.004	18.044	N/A	PASS

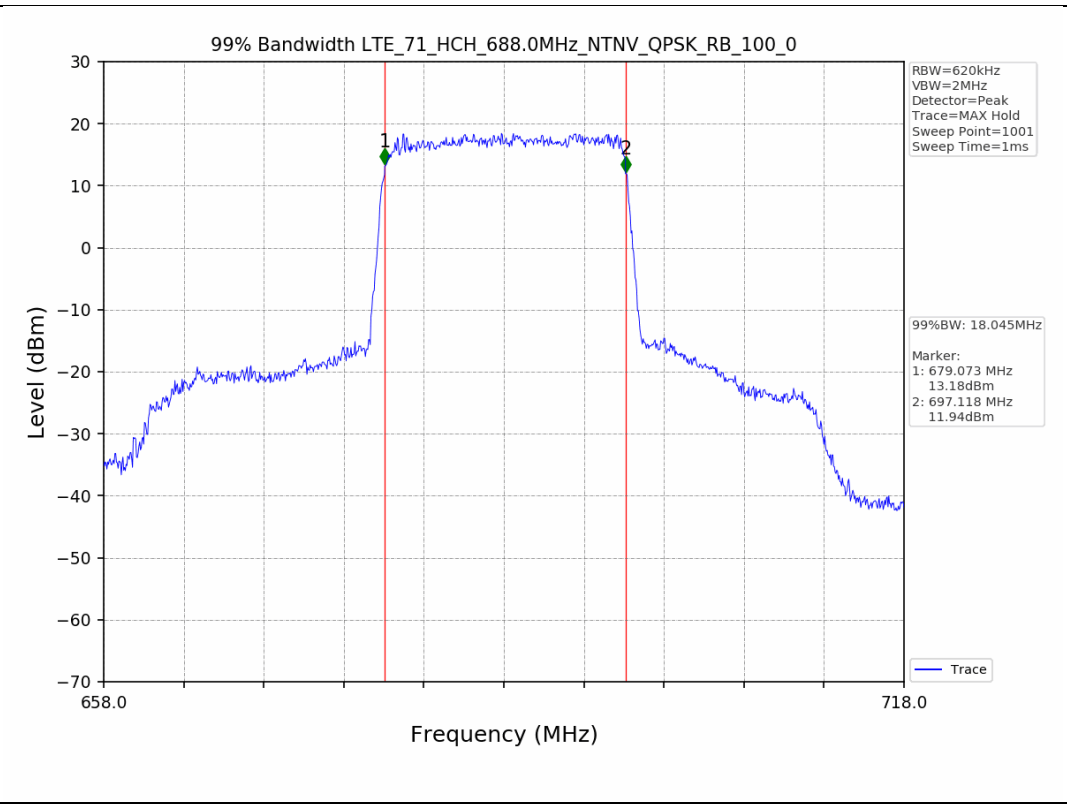



99% Bandwidth LTE_71_MCH_680.5MHz_NTNV_16QAM_RB_100_0
RBW=620kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 18.004MHz
Marker:
1: 671.595 MHz
11.67dBm
2: 689.600 MHz
10.13dBm
Trace
Level (dBm)
Frequency (MHz)
650.5
710.5

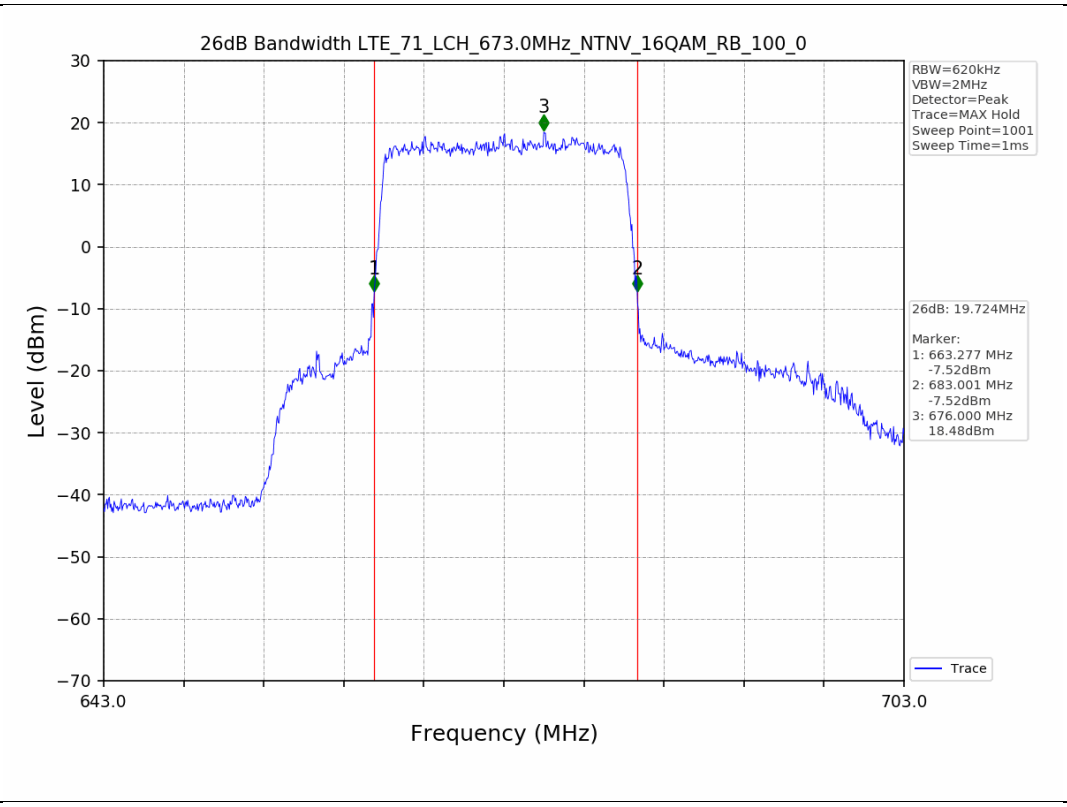

99% Bandwidth LTE_71_HCH_688.0MHz_NTNV_16QAM_RB_100_0
RBW=620kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 18.044MHz
Marker:
1: 679.075 MHz
12.42dBm
2: 697.118 MHz
10.14dBm
Trace
Level (dBm)
Frequency (MHz)
658.0
718.0

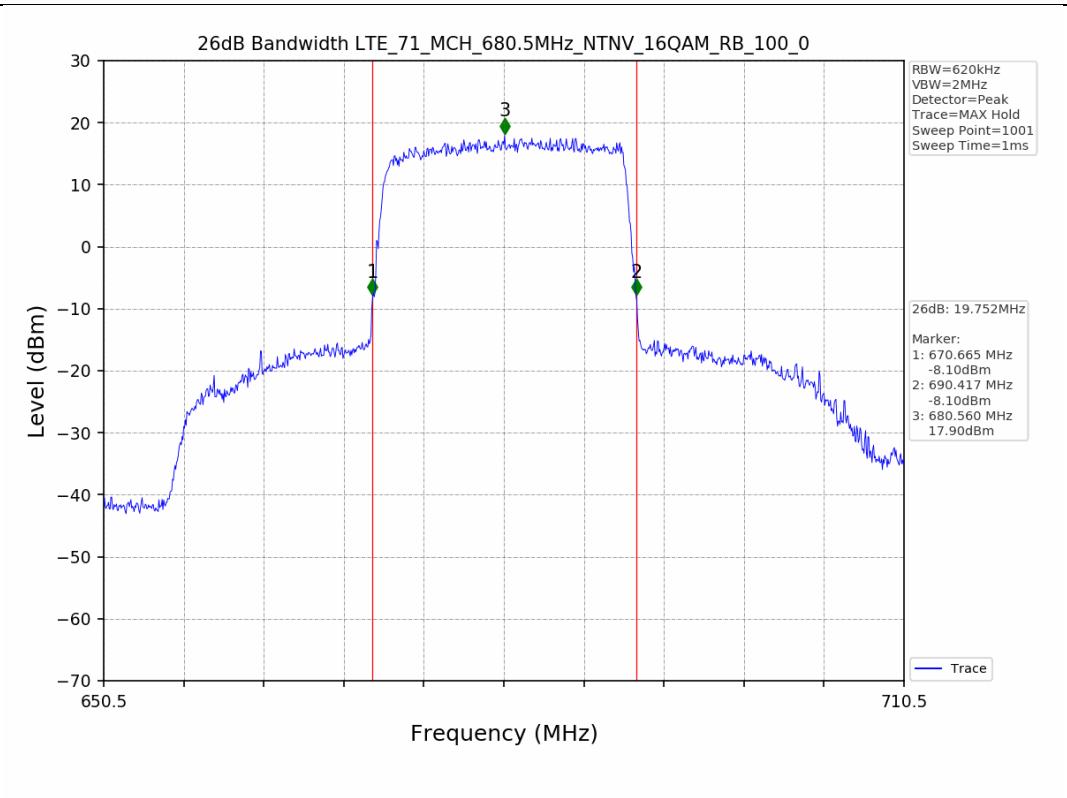

99% Bandwidth LTE_71_LCH_673.0MHz_NTNV_QPSK_RB_100_0
RBW=620kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 18.049MHz
Marker:
1: 664.049 MHz
13.33dBm
2: 682.098 MHz
11.54dBm
Trace
Level (dBm)
Frequency (MHz)
643.0
703.0

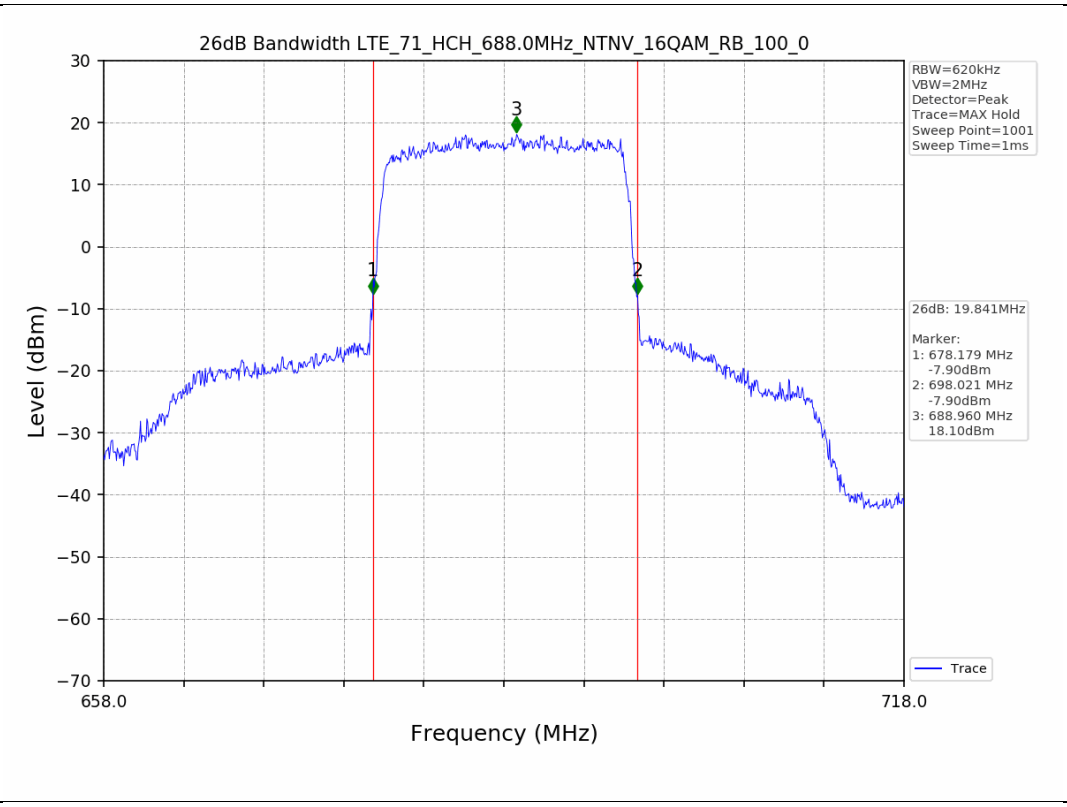

99% Bandwidth LTE_71_MCH_680.5MHz_NTNV_QPSK_RB_100_0
RBW=620kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
99%BW: 17.979MHz
Marker:
1: 671.613 MHz
13.85dBm
2: 689.592 MHz
11.24dBm
Trace
Level (dBm)
Frequency (MHz)
650.5
710.5

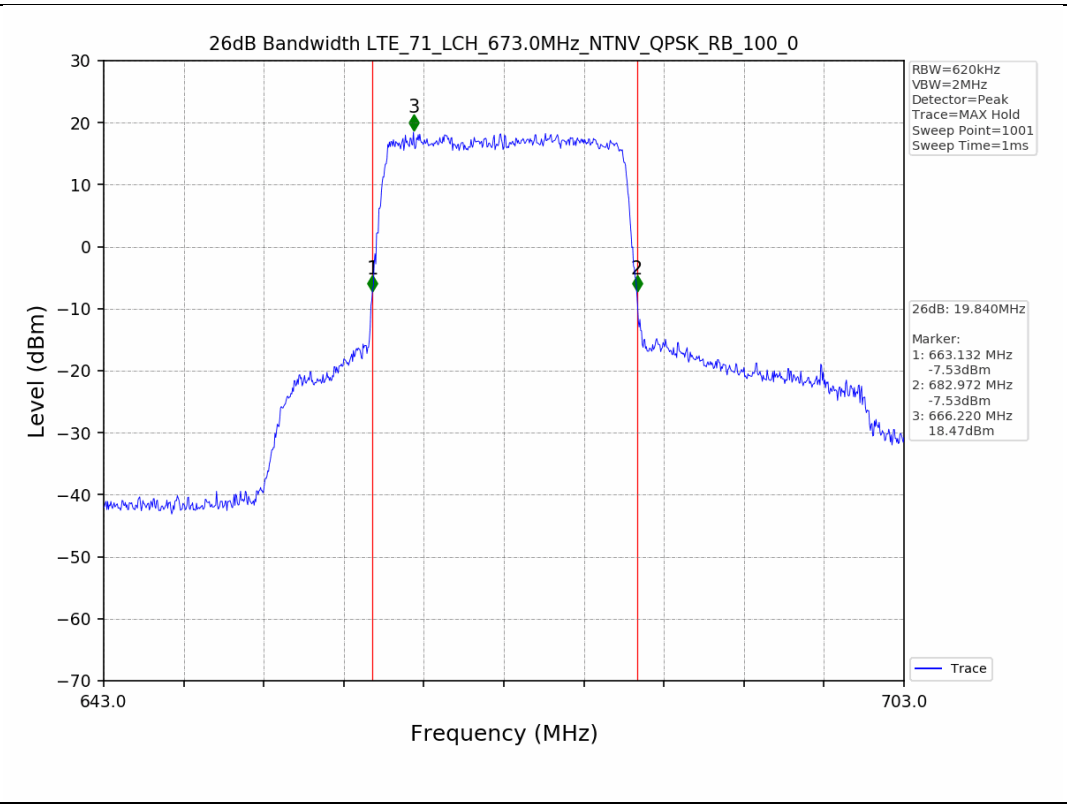


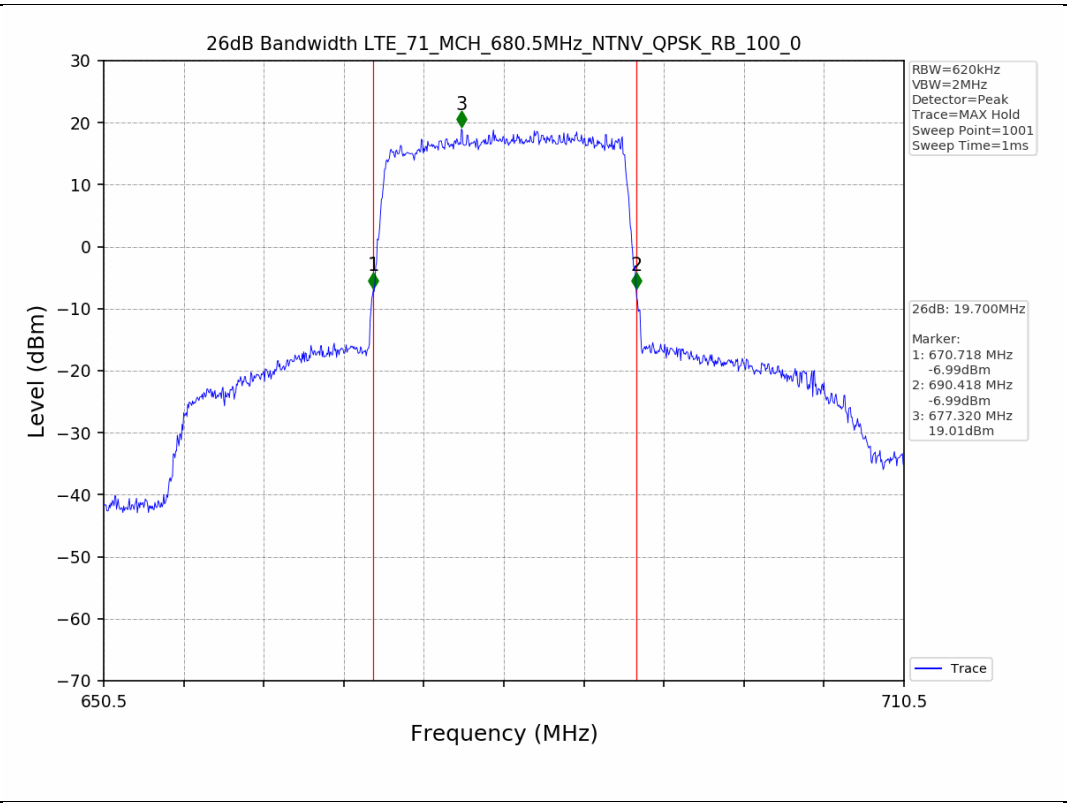
Test Band: 71 _ 20MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	19.840	19.700	19.793	N/A	PASS
16QAM	100	0	19.724	19.752	19.841	N/A	PASS

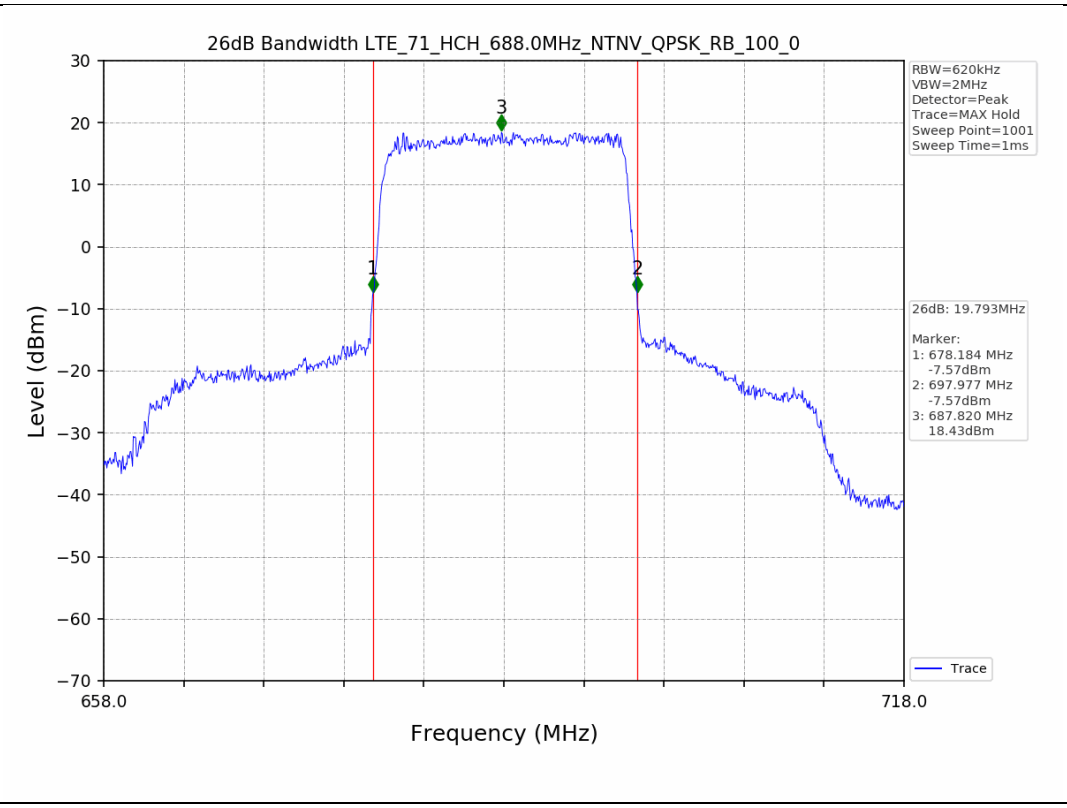

26dB Bandwidth LTE_71_LCH_673.0MHz_NTNV_16QAM_RB_100_0
RBW=620kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 19.724MHz
Marker:
1: 663.277 MHz
-7.52dBm
2: 683.001 MHz
-7.52dBm
3: 676.000 MHz
18.48dBm
Trace
Level (dBm)
Frequency (MHz)
643.0
703.0


26dB Bandwidth LTE_71_MCH_680.5MHz_NTNV_16QAM_RB_100_0
RBW=620kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 19.752MHz
Marker:
1: 670.665 MHz
-8.10dBm
2: 690.417 MHz
-8.10dBm
3: 680.560 MHz
17.90dBm
Trace
Level (dBm)
Frequency (MHz)
650.5
710.5


26dB Bandwidth LTE_71_HCH_688.0MHz_NTNV_16QAM_RB_100_0
RBW=620kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 19.841MHz
Marker:
1: 678.179 MHz
-7.90dBm
2: 698.021 MHz
-7.90dBm
3: 688.960 MHz
18.10dBm
Trace
Level (dBm)
Frequency (MHz)
658.0
718.0


26dB Bandwidth LTE_71_LCH_673.0MHz_NTNV_QPSK_RB_100_0
RBW=620kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 19.840MHz
Marker:
1: 663.132 MHz
-7.53dBm
2: 682.972 MHz
-7.53dBm
3: 666.220 MHz
18.47dBm
Trace
Level (dBm)
Frequency (MHz)
643.0
703.0

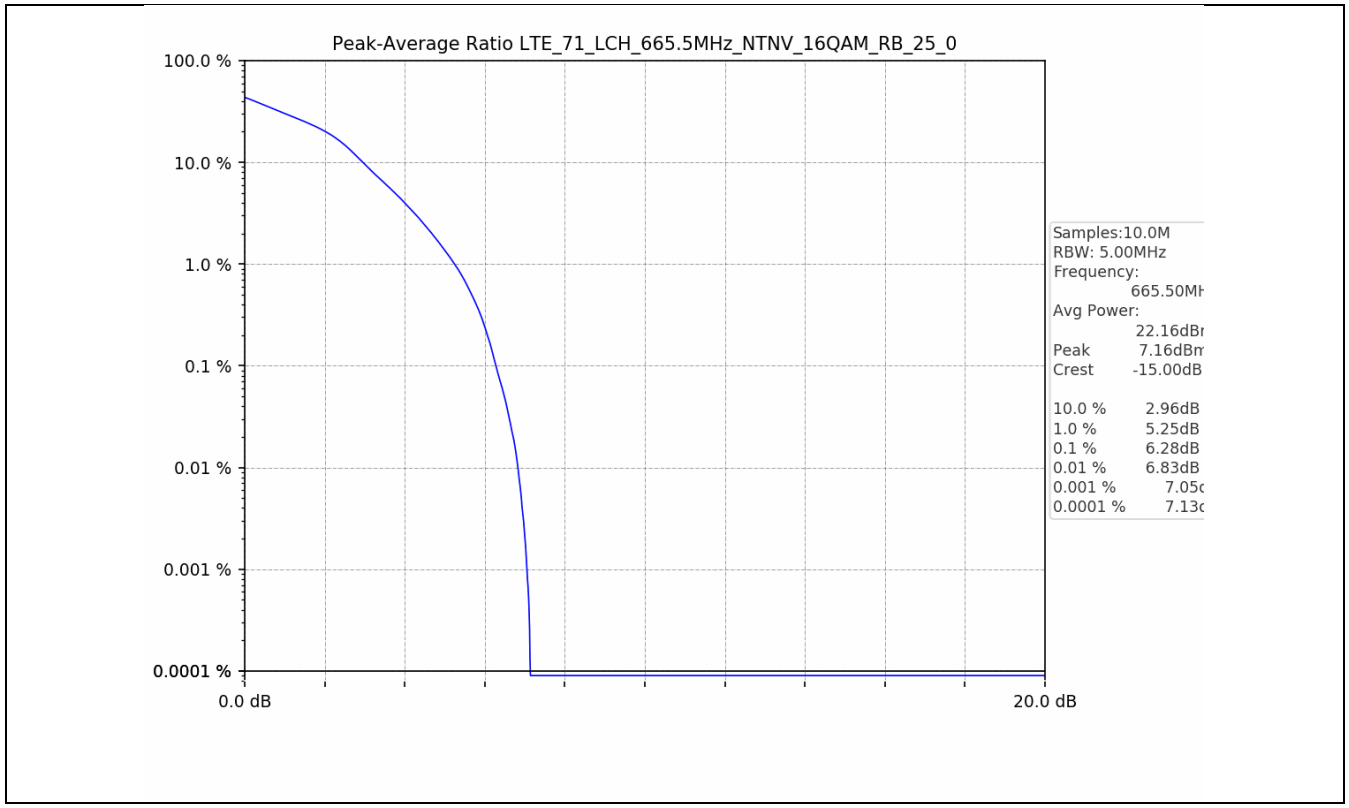

26dB Bandwidth LTE_71_MCH_680.5MHz_NTNV_QPSK_RB_100_0
RBW=620kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 19.700MHz
Marker:
1: 670.718 MHz
-6.99dBm
2: 690.418 MHz
-6.99dBm
3: 677.320 MHz
19.01dBm
Trace
Level (dBm)
Frequency (MHz)
650.5
710.5

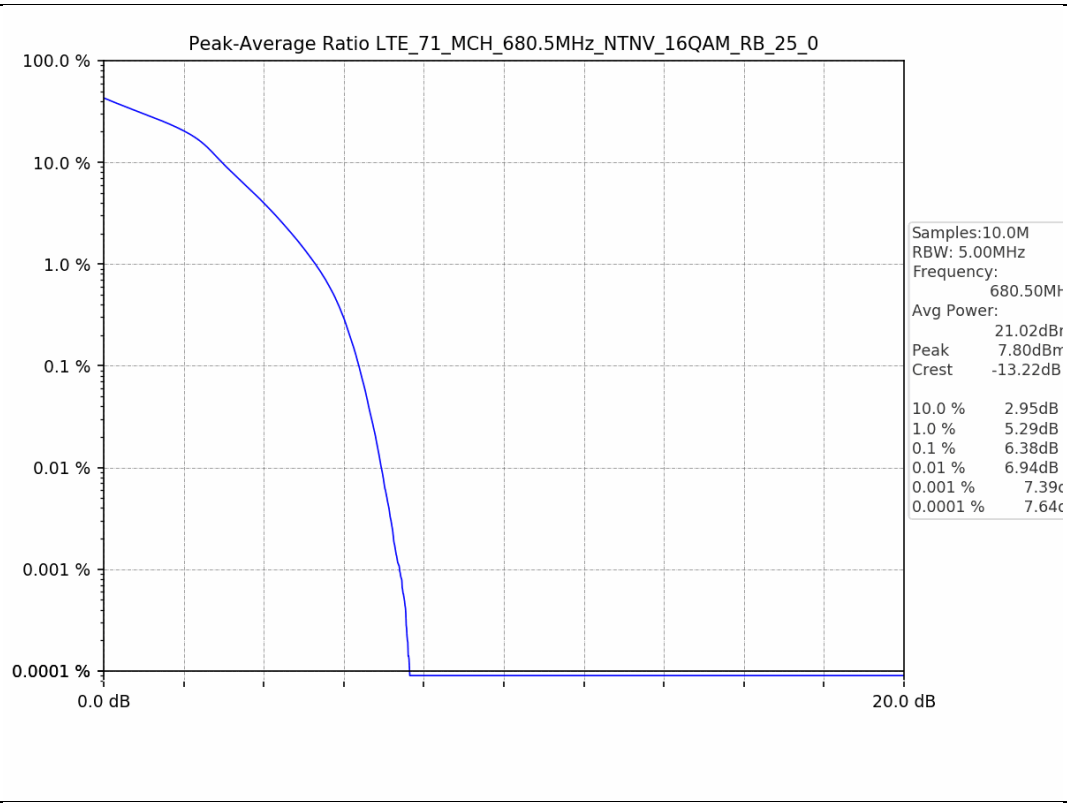

26dB Bandwidth LTE_71_HCH_688.0MHz_NTNV_QPSK_RB_100_0
RBW=620kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1ms
26dB: 19.793MHz
Marker:
1: 678.184 MHz
-7.57dBm
2: 697.977 MHz
-7.57dBm
3: 687.820 MHz
18.43dBm
Trace
Level (dBm)
Frequency (MHz)
658.0
718.0

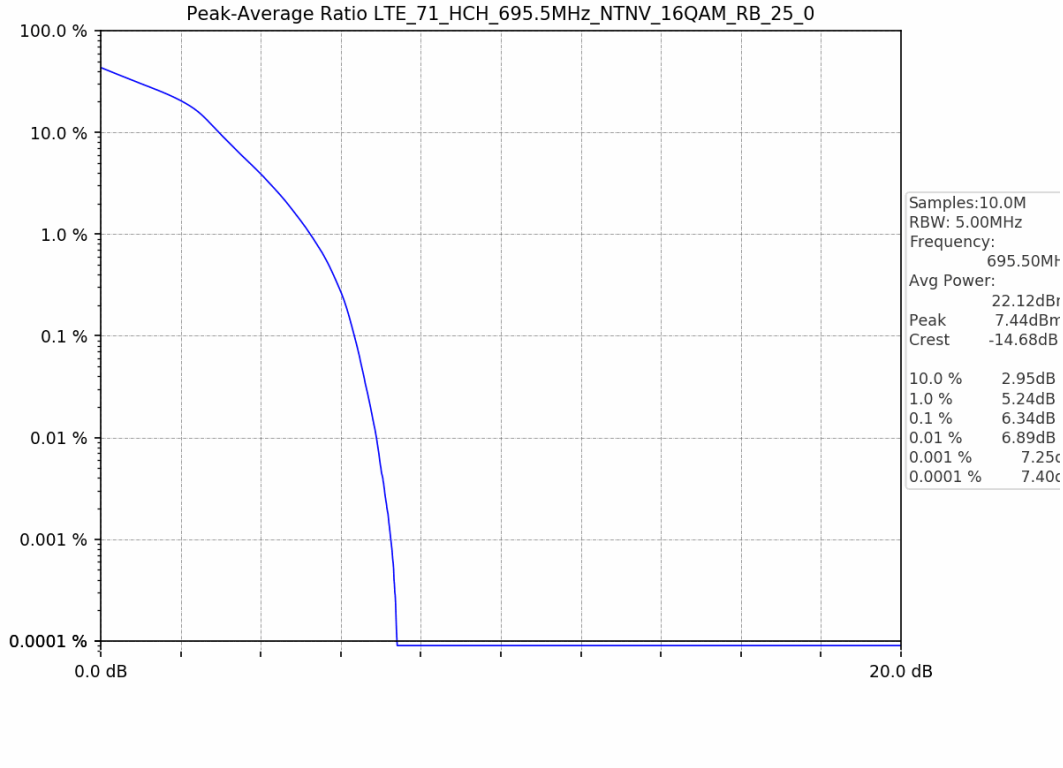
L4. Peak-Average Ratio

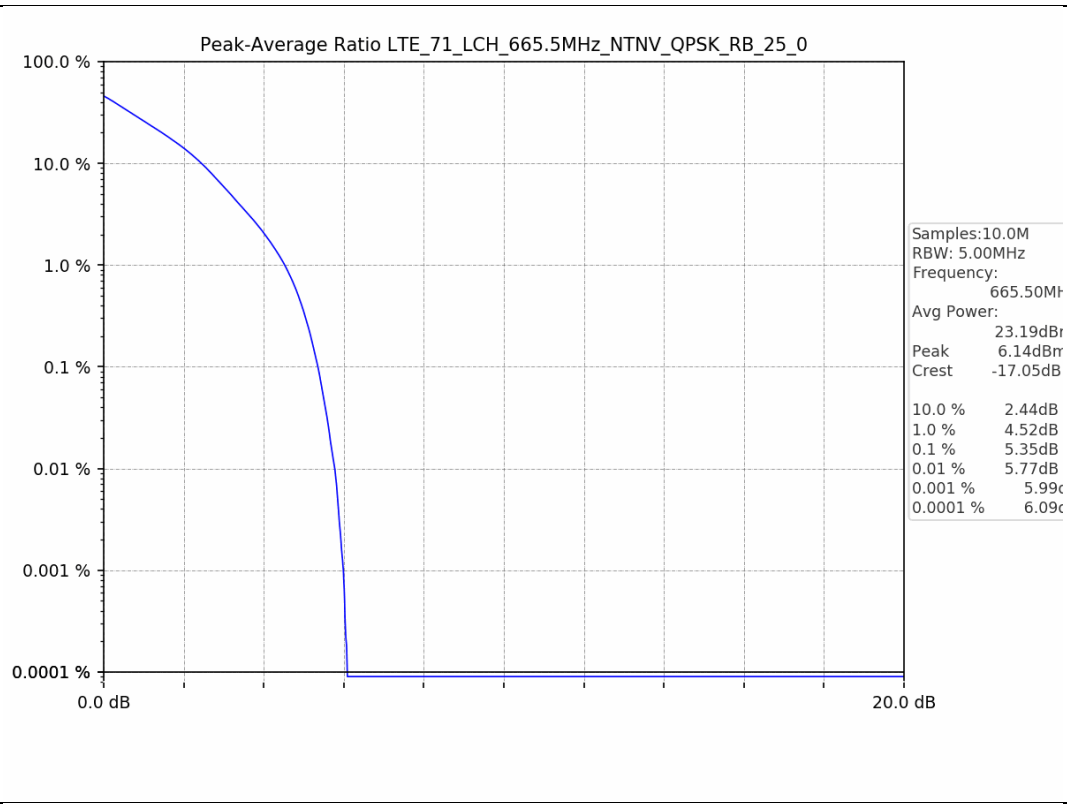
L4.1 Test Result

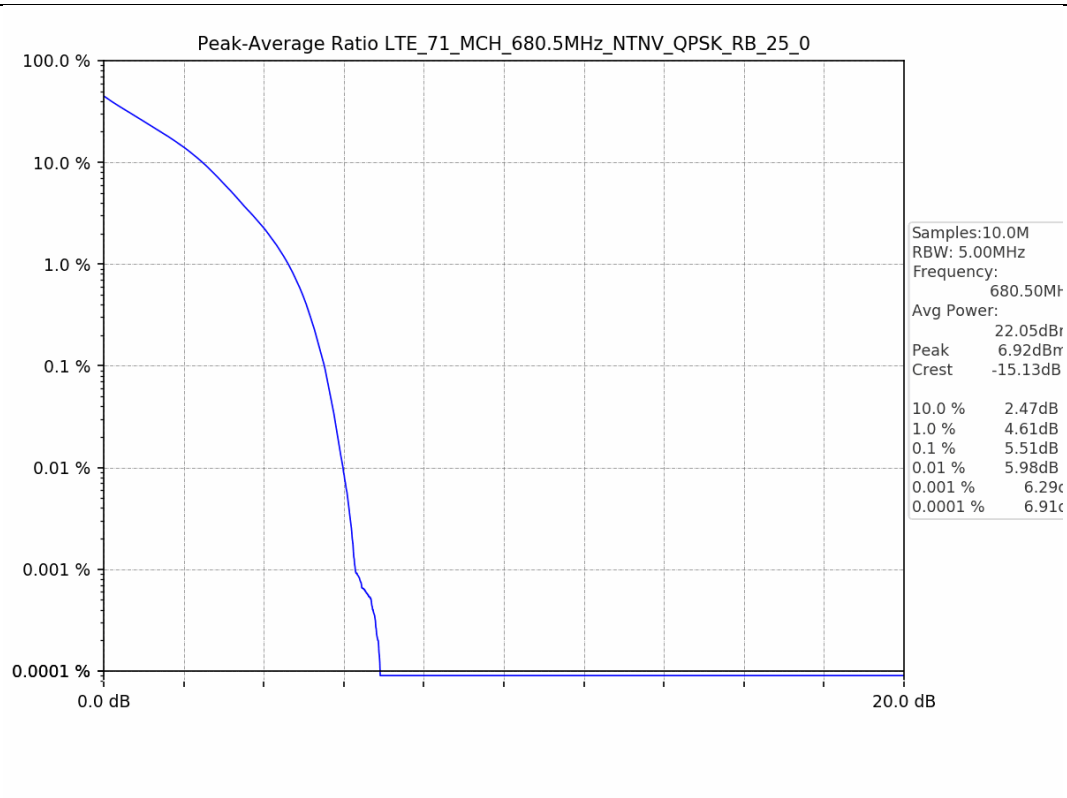
Test Band: 71 _ 5MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.35	5.51	5.48	13	PASS
16QAM	25	0	6.28	6.38	6.34	13	PASS

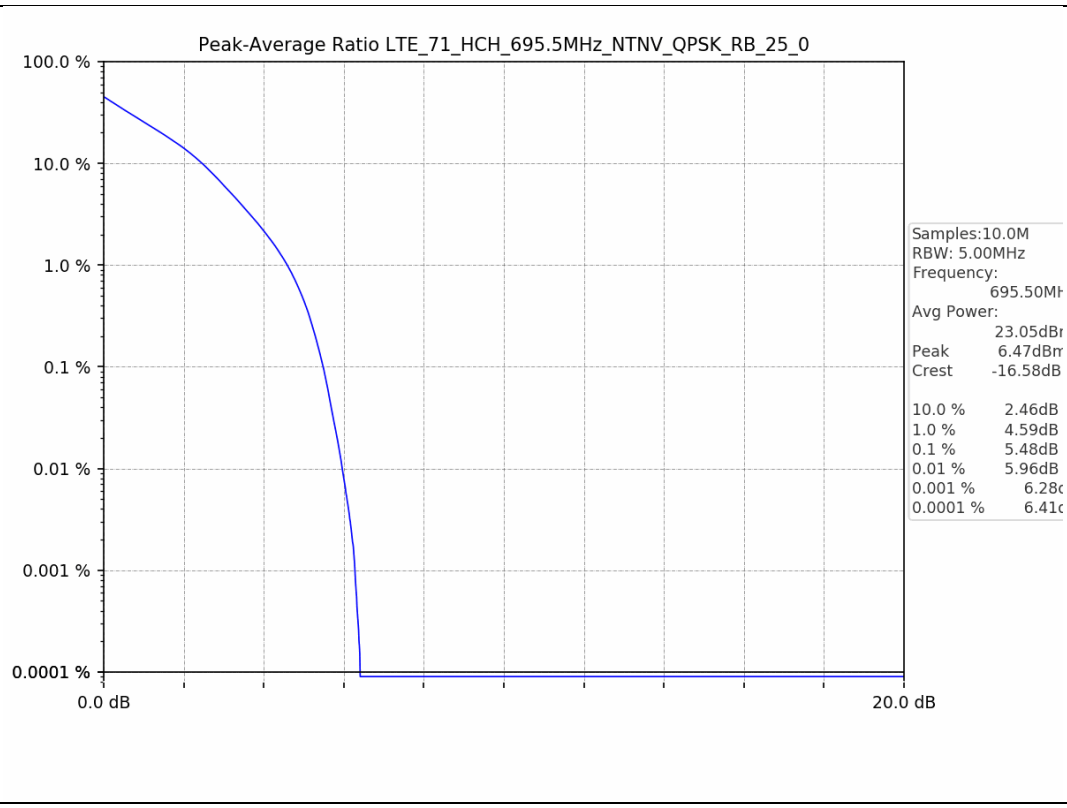



Peak-Average Ratio LTE_71_MCH_680.5MHz_NTNV_16QAM_RB_25_0
100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples:10.0M
RBW: 5.00MHz
Frequency:
680.50MH
Avg Power:
21.02dBr
Peak 7.80dBr
Crest -13.22dB
10.0 % 2.95dB
1.0 % 5.29dB
0.1 % 6.38dB
0.01 % 6.94dB
0.001 % 7.39
0.0001 % 7.64

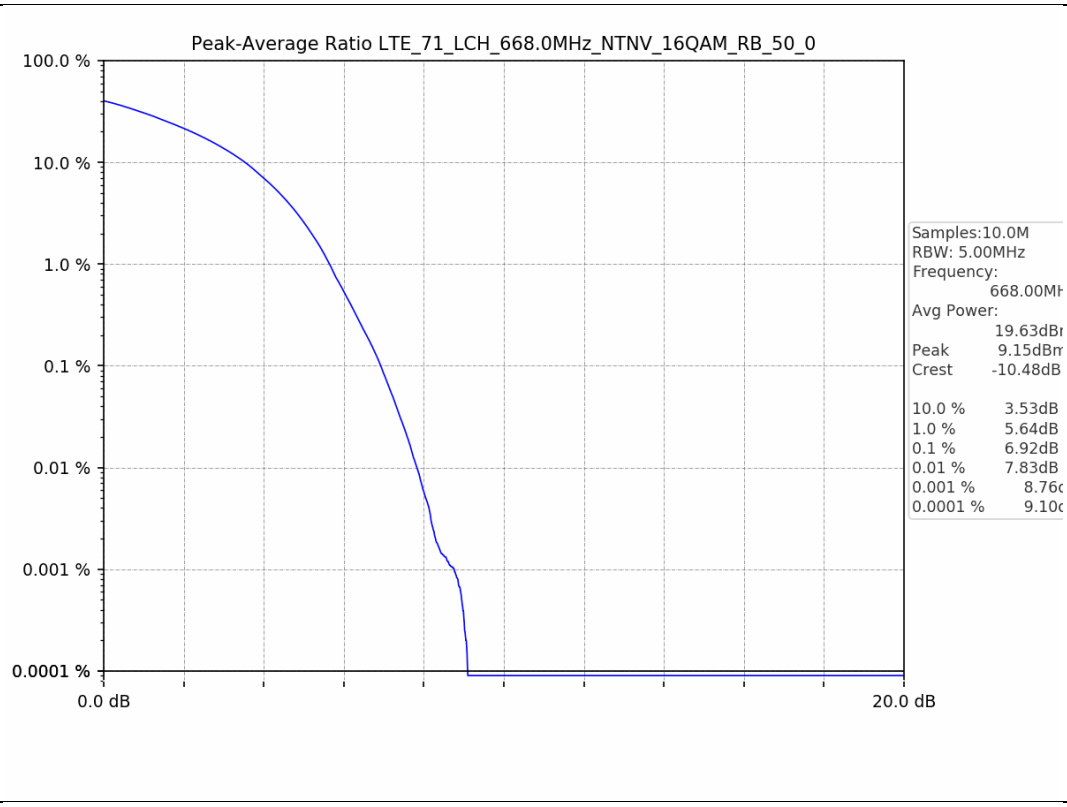

Peak-Average Ratio LTE_71_HCH_695.5MHz_NTNV_16QAM_RB_25_0
100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples:10.0M
RBW: 5.00MHz
Frequency:
695.50MH
Avg Power:
22.12dBr
Peak 7.44dBr
Crest -14.68dB
10.0 % 2.95dB
1.0 % 5.24dB
0.1 % 6.34dB
0.01 % 6.89dB
0.001 % 7.25
0.0001 % 7.40

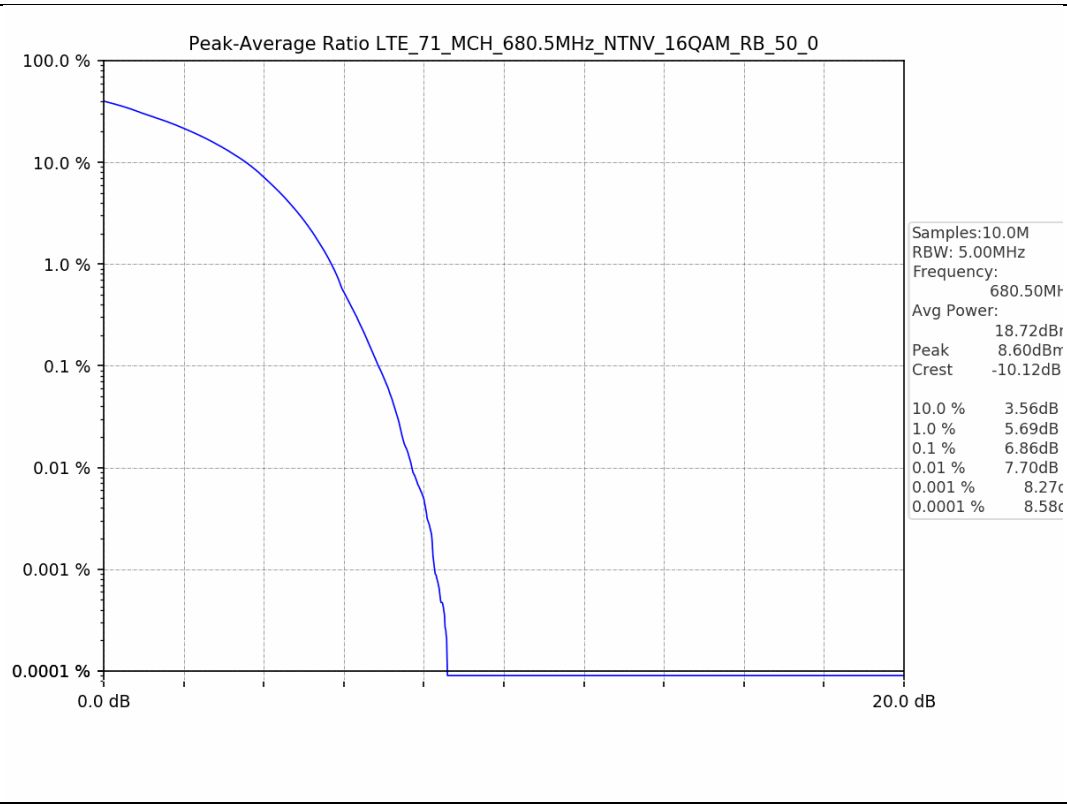

Peak-Average Ratio LTE_71_LCH_665.5MHz_NTNV_QPSK_RB_25_0
100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples:10.0M
RBW: 5.00MHz
Frequency:
665.50MH
Avg Power:
23.19dBr
Peak 6.14dBr
Crest -17.05dB
10.0 % 2.44dB
1.0 % 4.52dB
0.1 % 5.35dB
0.01 % 5.77dB
0.001 % 5.99
0.0001 % 6.09

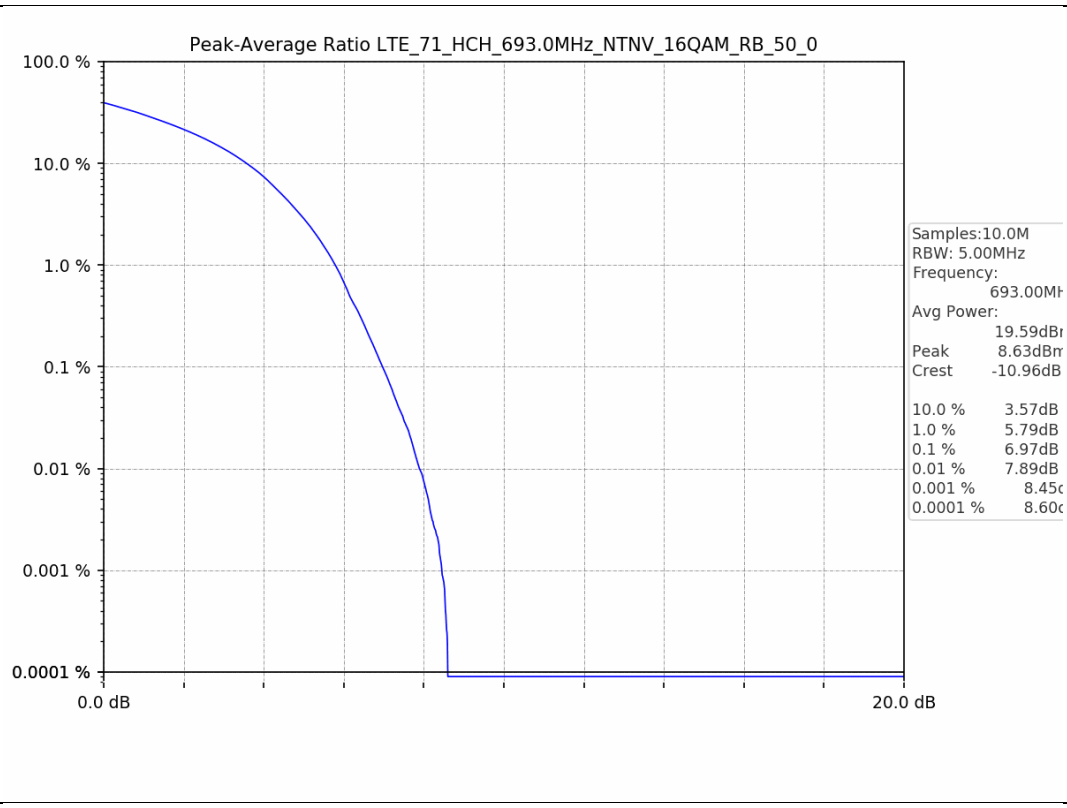

Peak-Average Ratio LTE_71_MCH_680.5MHz_NTNV_QPSK_RB_25_0
100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples:10.0M
RBW: 5.00MHz
Frequency:
680.50MH
Avg Power:
22.05dBr
Peak 6.92dBr
Crest -15.13dB
10.0 % 2.47dB
1.0 % 4.61dB
0.1 % 5.51dB
0.01 % 5.98dB
0.001 % 6.29
0.0001 % 6.91

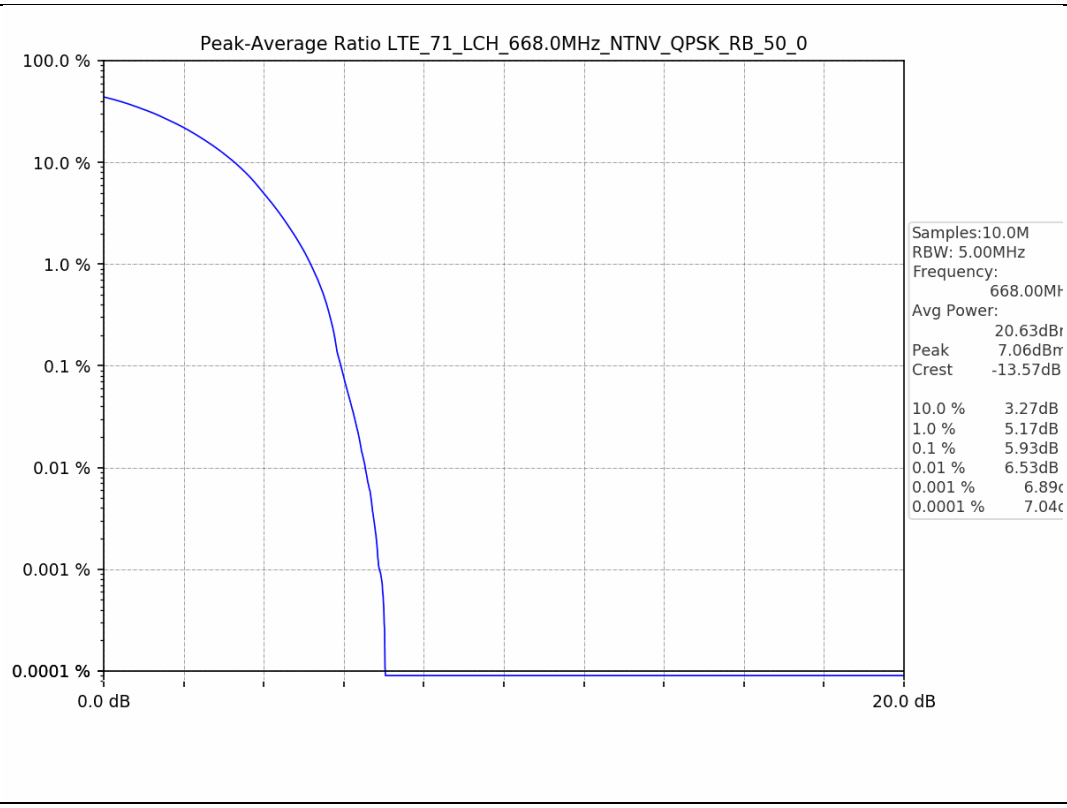


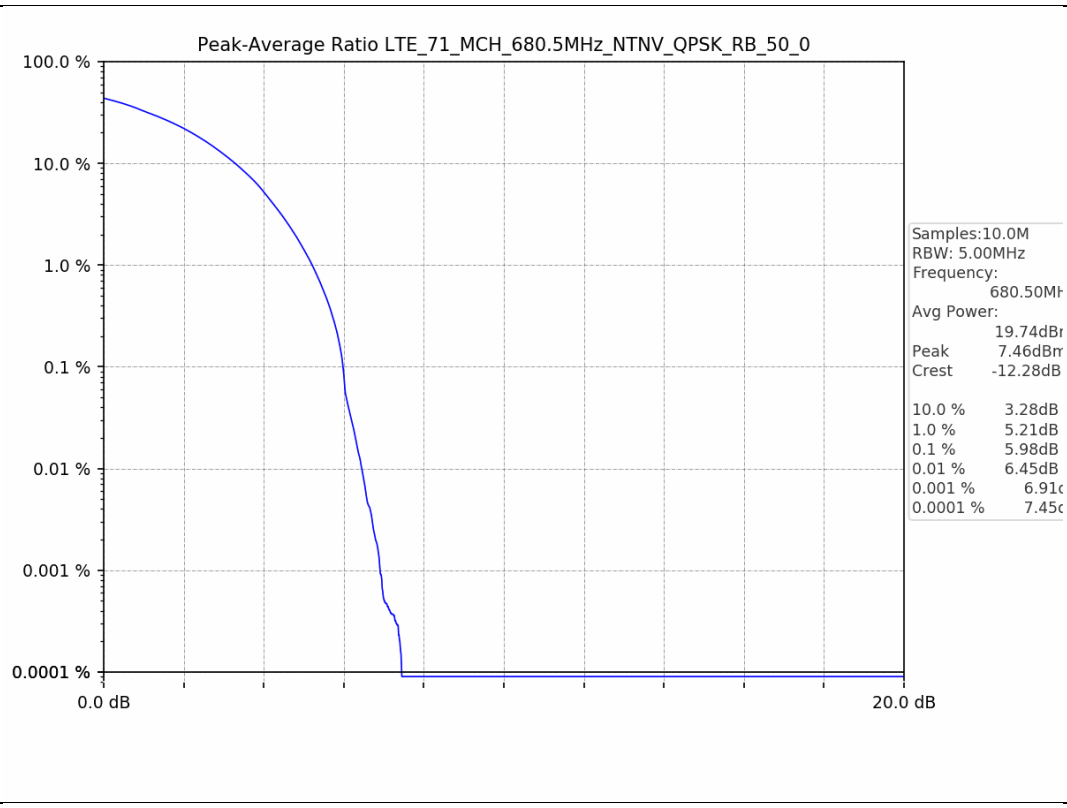
Test Band: 71 _ 10MHz Bandwidth							
Test Mode	RB Allocation		Test result (dB)			Limit (dB)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	5.93	5.98	6.11	13	PASS
16QAM	50	0	6.92	6.86	6.97	13	PASS

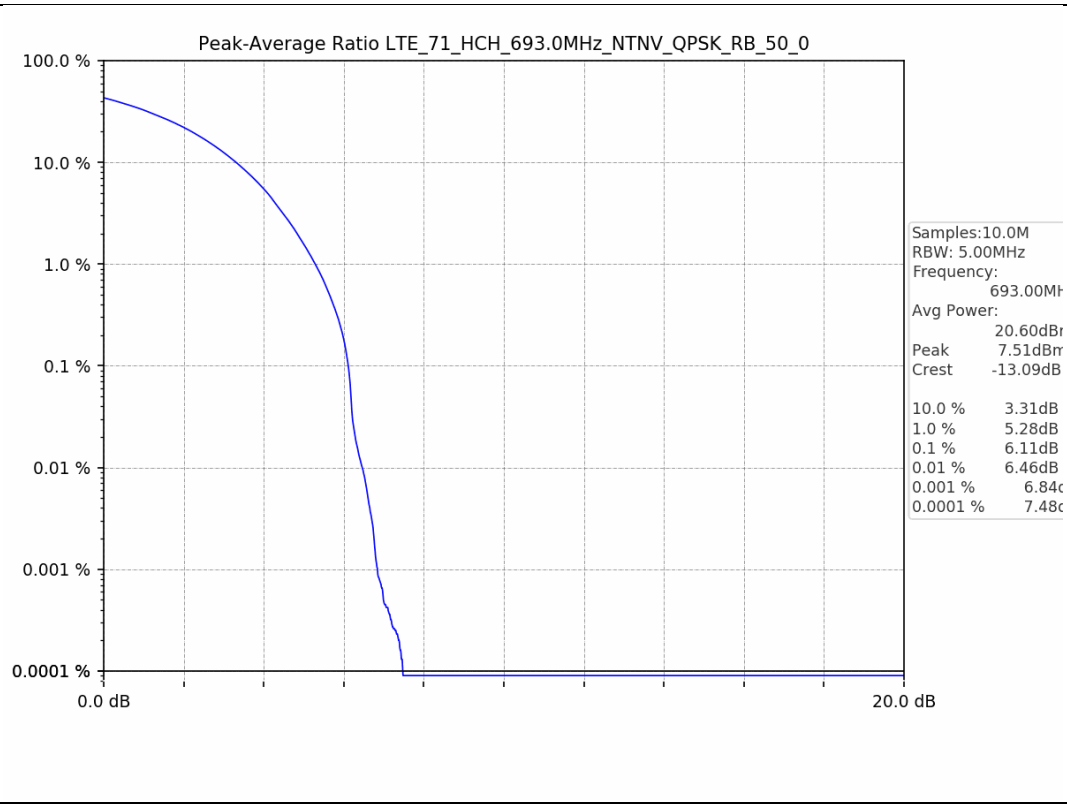

Peak-Average Ratio LTE_71_LCH_668.0MHz_NTNV_16QAM_RB_50_0
100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples:10.0M
RBW: 5.00MHz
Frequency:
668.00MH
Avg Power:
19.63dBr
Peak 9.15dBr
Crest -10.48dB
10.0 % 3.53dB
1.0 % 5.64dB
0.1 % 6.92dB
0.01 % 7.83dB
0.001 % 8.76
0.0001 % 9.10


Peak-Average Ratio LTE_71_MCH_680.5MHz_NTNV_16QAM_RB_50_0
100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples:10.0M
RBW: 5.00MHz
Frequency:
680.50MH
Avg Power:
18.72dBr
Peak 8.60dBr
Crest -10.12dB
10.0 % 3.56dB
1.0 % 5.69dB
0.1 % 6.86dB
0.01 % 7.70dB
0.001 % 8.27
0.0001 % 8.58


Peak-Average Ratio LTE_71_HCH_693.0MHz_NTNV_16QAM_RB_50_0
100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples:10.0M
RBW: 5.00MHz
Frequency:
693.00MH
Avg Power:
19.59dBr
Peak 8.63dBr
Crest -10.96dB
10.0 % 3.57dB
1.0 % 5.79dB
0.1 % 6.97dB
0.01 % 7.89dB
0.001 % 8.45c
0.0001 % 8.60c


Peak-Average Ratio LTE_71_LCH_668.0MHz_NTNV_QPSK_RB_50_0
100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples:10.0M
RBW: 5.00MHz
Frequency:
668.00MH
Avg Power:
20.63dBr
Peak 7.06dBr
Crest -13.57dB
10.0 % 3.27dB
1.0 % 5.17dB
0.1 % 5.93dB
0.01 % 6.53dB
0.001 % 6.89c
0.0001 % 7.04c


Peak-Average Ratio LTE_71_MCH_680.5MHz_NTNV_QPSK_RB_50_0
100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples:10.0M
RBW: 5.00MHz
Frequency:
680.50MH
Avg Power:
19.74dBr
Peak 7.46dBr
Crest -12.28dB
10.0 % 3.28dB
1.0 % 5.21dB
0.1 % 5.98dB
0.01 % 6.45dB
0.001 % 6.91c
0.0001 % 7.45c


Peak-Average Ratio LTE_71_HCH_693.0MHz_NTNV_QPSK_RB_50_0
100.0 %
10.0 %
1.0 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.0 dB
20.0 dB
Samples:10.0M
RBW: 5.00MHz
Frequency:
693.00MH
Avg Power:
20.60dBr
Peak 7.51dBr
Crest -13.09dB
10.0 % 3.31dB
1.0 % 5.28dB
0.1 % 6.11dB
0.01 % 6.46dB
0.001 % 6.84c
0.0001 % 7.48c