



Appendix for LTE Band66

FCC ID: 2AC88-GLMU19A02

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APPENDIX A: EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA 3

APPENDIX B: PEAK-TO-AVERAGE RATIO(CCDF)10

APPENDIX C: 26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....22

APPENDIX D: BAND EDGE58

APPENDIX E: CONDUCTED SPURIOUS EMISSION 106

APPENDIX F: FREQUENCY STABILITY 142

APPENDIX G: RADIATED POWER MEASUREMENT 144

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Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Bandwidth (MHz)	UL Channel	UL Modulation	UL RB Number	UL RB Position	Conducted Output Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP (W)	Limit (W)
1.4	LCH	QPSK	1	0	23.76	0.02	23.78	0.239	2.000
			1	3	23.84	0.02	23.86	0.243	2.000
			1	5	23.79	0.02	23.81	0.240	2.000
			3	0	23.8	0.02	23.82	0.241	2.000
			3	2	23.89	0.02	23.91	0.246	2.000
			3	3	23.85	0.02	23.87	0.244	2.000
			6	0	22.75	0.02	22.77	0.189	2.000
		Q16	1	0	22.74	0.02	22.76	0.189	2.000
			1	3	22.84	0.02	22.86	0.193	2.000
			1	5	22.74	0.02	22.76	0.189	2.000
			3	0	23.09	0.02	23.11	0.205	2.000
			3	2	23.35	0.02	23.37	0.217	2.000
			3	3	22.92	0.02	22.94	0.197	2.000
			6	0	21.98	0.02	22.00	0.158	2.000
	MCH	QPSK	1	0	23.87	0.02	23.89	0.245	2.000
			1	3	24.05	0.02	24.07	0.255	2.000
			1	5	24.05	0.02	24.07	0.255	2.000
			3	0	23.81	0.02	23.83	0.242	2.000
			3	2	23.86	0.02	23.88	0.244	2.000
			3	3	23.82	0.02	23.84	0.242	2.000
			6	0	22.88	0.02	22.90	0.195	2.000
		Q16	1	0	22.89	0.02	22.91	0.195	2.000
			1	3	22.95	0.02	22.97	0.198	2.000
			1	5	22.82	0.02	22.84	0.192	2.000
			3	0	22.73	0.02	22.75	0.188	2.000
			3	2	22.69	0.02	22.71	0.187	2.000
			3	3	22.56	0.02	22.58	0.181	2.000
			6	0	22.1	0.02	22.12	0.163	2.000
	HCH	QPSK	1	0	23.89	0.02	23.91	0.246	2.000
			1	3	23.89	0.02	23.91	0.246	2.000
			1	5	23.82	0.02	23.84	0.242	2.000
			3	0	23.87	0.02	23.89	0.245	2.000

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			3	2	23.83	0.02	23.85	0.243	2.000
			3	3	23.77	0.02	23.79	0.239	2.000
			6	0	22.94	0.02	22.96	0.198	2.000
		Q16	1	0	22.51	0.02	22.53	0.179	2.000
			1	3	23.34	0.02	23.36	0.217	2.000
			1	5	23.22	0.02	23.24	0.211	2.000
			3	0	22.99	0.02	23.01	0.200	2.000
			3	2	23.08	0.02	23.10	0.204	2.000
			3	3	23.12	0.02	23.14	0.206	2.000
			6	0	22.08	0.02	22.10	0.162	2.000
3	LCH	QPSK	1	0	23.98	0.02	24.00	0.251	2.000
			1	7	23.7	0.02	23.72	0.236	2.000
			1	14	23.56	0.02	23.58	0.228	2.000
			8	0	22.83	0.02	22.85	0.193	2.000
			8	4	22.85	0.02	22.87	0.194	2.000
			8	7	22.87	0.02	22.89	0.195	2.000
			15	0	22.8	0.02	22.82	0.191	2.000
	Q16	1	0	23.15	0.02	23.17	0.207	2.000	
		1	7	23.11	0.02	23.13	0.206	2.000	
		1	14	22.56	0.02	22.58	0.181	2.000	
		8	0	21.7	0.02	21.72	0.149	2.000	
		8	4	21.62	0.02	21.64	0.146	2.000	
		8	7	21.59	0.02	21.61	0.145	2.000	
		15	0	21.77	0.02	21.79	0.151	2.000	
MCH	QPSK	1	0	23.72	0.02	23.74	0.237	2.000	
		1	7	23.84	0.02	23.86	0.243	2.000	
		1	14	23.74	0.02	23.76	0.238	2.000	
		8	0	22.94	0.02	22.96	0.198	2.000	
		8	4	22.89	0.02	22.91	0.195	2.000	
		8	7	23	0.02	23.02	0.200	2.000	
		15	0	22.95	0.02	22.97	0.198	2.000	
	Q16	1	0	22.63	0.02	22.65	0.184	2.000	
		1	7	22.65	0.02	22.67	0.185	2.000	
		1	14	22.63	0.02	22.65	0.184	2.000	
		8	0	21.95	0.02	21.97	0.157	2.000	
		8	4	21.97	0.02	21.99	0.158	2.000	
		8	7	22.1	0.02	22.12	0.163	2.000	
		15	0	22.02	0.02	22.04	0.160	2.000	
HCH	QPSK	1	0	23.9	0.02	23.92	0.247	2.000	
		1	7	23.88	0.02	23.90	0.245	2.000	

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			1	14	23.61	0.02	23.63	0.231	2.000			
			8	0	22.95	0.02	22.97	0.198	2.000			
			8	4	22.96	0.02	22.98	0.199	2.000			
			8	7	22.88	0.02	22.90	0.195	2.000			
			15	0	22.92	0.02	22.94	0.197	2.000			
		Q16	1	0	22.75	0.02	22.77	0.189	2.000			
			1	7	22.73	0.02	22.75	0.188	2.000			
			1	14	22.71	0.02	22.73	0.187	2.000			
			8	0	22.08	0.02	22.10	0.162	2.000			
			8	4	22.08	0.02	22.10	0.162	2.000			
			8	7	22.01	0.02	22.03	0.160	2.000			
			15	0	21.85	0.02	21.87	0.154	2.000			
			5	LCH	QPSK	1	0	23.83	0.02	23.85	0.243	2.000
						1	13	23.65	0.02	23.67	0.233	2.000
						1	24	23.38	0.02	23.40	0.219	2.000
						12	0	22.69	0.02	22.71	0.187	2.000
12	6	22.86				0.02	22.88	0.194	2.000			
12	13	22.76				0.02	22.78	0.190	2.000			
25	0	22.72				0.02	22.74	0.188	2.000			
Q16	1	0			22.28	0.02	22.30	0.170	2.000			
	1	13			22.21	0.02	22.23	0.167	2.000			
	1	24			22.19	0.02	22.21	0.166	2.000			
	12	0			21.8	0.02	21.82	0.152	2.000			
	12	6			21.64	0.02	21.66	0.147	2.000			
	12	13			21.56	0.02	21.58	0.144	2.000			
	25	0			21.99	0.02	22.01	0.159	2.000			
	MCH	QPSK			1	0	23.46	0.02	23.48	0.223	2.000	
					1	13	23.96	0.02	23.98	0.250	2.000	
1			24	23.7	0.02	23.72	0.236	2.000				
12			0	23.01	0.02	23.03	0.201	2.000				
12			6	22.93	0.02	22.95	0.197	2.000				
12			13	23.07	0.02	23.09	0.204	2.000				
25			0	23	0.02	23.02	0.200	2.000				
Q16		1	0	22.56	0.02	22.58	0.181	2.000				
		1	13	22.68	0.02	22.70	0.186	2.000				
		1	24	22.35	0.02	22.37	0.173	2.000				
		12	0	21.82	0.02	21.84	0.153	2.000				
		12	6	21.8	0.02	21.82	0.152	2.000				
		12	13	21.89	0.02	21.91	0.155	2.000				
		25	0	22.04	0.02	22.06	0.161	2.000				

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	HCH	QPSK	1	0	24.08	0.02	24.10	0.257	2.000
			1	13	23.67	0.02	23.69	0.234	2.000
			1	24	23.84	0.02	23.86	0.243	2.000
			12	0	22.93	0.02	22.95	0.197	2.000
			12	6	23.01	0.02	23.03	0.201	2.000
			12	13	22.88	0.02	22.90	0.195	2.000
			25	0	22.91	0.02	22.93	0.196	2.000
		Q16	1	0	22.57	0.02	22.59	0.182	2.000
			1	13	22.6	0.02	22.62	0.183	2.000
			1	24	22.45	0.02	22.47	0.177	2.000
			12	0	21.96	0.02	21.98	0.158	2.000
			12	6	22	0.02	22.02	0.159	2.000
			12	13	21.81	0.02	21.83	0.152	2.000
			25	0	21.85	0.02	21.87	0.154	2.000
10	LCH	QPSK	1	0	24.1	0.02	24.12	0.258	2.000
			1	25	23.96	0.02	23.98	0.250	2.000
			1	49	23.94	0.02	23.96	0.249	2.000
			25	0	22.94	0.02	22.96	0.198	2.000
			25	13	22.96	0.02	22.98	0.199	2.000
			25	25	22.97	0.02	22.99	0.199	2.000
			50	0	22.95	0.02	22.97	0.198	2.000
		Q16	1	0	23.17	0.02	23.19	0.208	2.000
			1	25	23.29	0.02	23.31	0.214	2.000
			1	49	23.34	0.02	23.36	0.217	2.000
			25	0	21.9	0.02	21.92	0.156	2.000
			25	13	21.93	0.02	21.95	0.157	2.000
			25	25	21.94	0.02	21.96	0.157	2.000
			50	0	22.09	0.02	22.11	0.163	2.000
MCH	QPSK	1	0	24.04	0.02	24.06	0.255	2.000	
		1	25	24.15	0.02	24.17	0.261	2.000	
		1	49	23.91	0.02	23.93	0.247	2.000	
		25	0	22.95	0.02	22.97	0.198	2.000	
		25	13	23.04	0.02	23.06	0.202	2.000	
		25	25	23.05	0.02	23.07	0.203	2.000	
		50	0	23.18	0.02	23.20	0.209	2.000	
	Q16	1	0	22.83	0.02	22.85	0.193	2.000	
		1	25	22.55	0.02	22.57	0.181	2.000	
		1	49	22.53	0.02	22.55	0.180	2.000	
		25	0	22.29	0.02	22.31	0.170	2.000	
		25	13	22.22	0.02	22.24	0.167	2.000	

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			25	25	22.06	0.02	22.08	0.161	2.000		
			50	0	22.3	0.02	22.32	0.171	2.000		
	HCH	QPSK	1	0	24.12	0.02	24.14	0.259	2.000		
			1	25	24.28	0.02	24.30	0.269	2.000		
			1	49	23.76	0.02	23.78	0.239	2.000		
			25	0	23.07	0.02	23.09	0.204	2.000		
			25	13	23.11	0.02	23.13	0.206	2.000		
			25	25	22.92	0.02	22.94	0.197	2.000		
			50	0	22.98	0.02	23.00	0.200	2.000		
			Q16	1	0	23.07	0.02	23.09	0.204	2.000	
				1	25	22.82	0.02	22.84	0.192	2.000	
		1		49	22.84	0.02	22.86	0.193	2.000		
		25		0	22.13	0.02	22.15	0.164	2.000		
		25		13	22.28	0.02	22.30	0.170	2.000		
		25		25	22.11	0.02	22.13	0.163	2.000		
		15	LCH	QPSK	1	0	23.91	0.02	23.93	0.247	2.000
					1	38	23.95	0.02	23.97	0.249	2.000
1	74				23.95	0.02	23.97	0.249	2.000		
36	0				22.9	0.02	22.92	0.196	2.000		
36	19				23.04	0.02	23.06	0.202	2.000		
36	39				22.96	0.02	22.98	0.199	2.000		
75	0				22.92	0.02	22.94	0.197	2.000		
Q16	1				0	23.47	0.02	23.49	0.223	2.000	
	1			38	23.11	0.02	23.13	0.206	2.000		
	1			74	23.02	0.02	23.04	0.201	2.000		
	36			0	21.85	0.02	21.87	0.154	2.000		
	36			19	22	0.02	22.02	0.159	2.000		
	36			39	21.93	0.02	21.95	0.157	2.000		
	75			0	21.89	0.02	21.91	0.155	2.000		
MCH	QPSK			1	0	24.08	0.02	24.10	0.257	2.000	
			1	38	24.13	0.02	24.15	0.260	2.000		
			1	74	23.84	0.02	23.86	0.243	2.000		
		36	0	23.15	0.02	23.17	0.207	2.000			
		36	19	23.05	0.02	23.07	0.203	2.000			
		36	39	23.12	0.02	23.14	0.206	2.000			
		75	0	23.13	0.02	23.15	0.207	2.000			
	Q16	1	0	23.29	0.02	23.31	0.214	2.000			
		1	38	23.44	0.02	23.46	0.222	2.000			
		1	74	23.58	0.02	23.60	0.229	2.000			

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			36	0	22.29	0.02	22.31	0.170	2.000	
			36	19	22.08	0.02	22.10	0.162	2.000	
			36	39	22.13	0.02	22.15	0.164	2.000	
			75	0	22.04	0.02	22.06	0.161	2.000	
	HCH	QPSK		1	0	23.99	0.02	24.01	0.252	2.000
				1	38	23.91	0.02	23.93	0.247	2.000
				1	74	23.73	0.02	23.75	0.237	2.000
				36	0	23.03	0.02	23.05	0.202	2.000
				36	19	23.12	0.02	23.14	0.206	2.000
				36	39	23.15	0.02	23.17	0.207	2.000
				75	0	23.31	0.02	23.33	0.215	2.000
		Q16		1	0	23.72	0.02	23.74	0.237	2.000
				1	38	23.85	0.02	23.87	0.244	2.000
				1	74	23.77	0.02	23.79	0.239	2.000
36				0	22.12	0.02	22.14	0.164	2.000	
36				19	22.2	0.02	22.22	0.167	2.000	
36				39	22.3	0.02	22.32	0.171	2.000	
75				0	22.16	0.02	22.18	0.165	2.000	
20	LCH	QPSK	1	0	23.9	0.02	23.92	0.247	2.000	
			1	50	24.14	0.02	24.16	0.261	2.000	
			1	99	24.17	0.02	24.19	0.262	2.000	
			50	0	23.13	0.02	23.15	0.207	2.000	
			50	25	23.1	0.02	23.12	0.205	2.000	
			50	50	23.09	0.02	23.11	0.205	2.000	
			100	0	23.1	0.02	23.12	0.205	2.000	
	Q16		1	0	22.93	0.02	22.95	0.197	2.000	
			1	50	22.65	0.02	22.67	0.185	2.000	
			1	99	22.87	0.02	22.89	0.195	2.000	
			50	0	22.21	0.02	22.23	0.167	2.000	
			50	25	22.16	0.02	22.18	0.165	2.000	
			50	50	22.2	0.02	22.22	0.167	2.000	
			100	0	22.11	0.02	22.13	0.163	2.000	
MCH	QPSK		1	0	24.26	0.02	24.28	0.268	2.000	
			1	50	24.1	0.02	24.12	0.258	2.000	
			1	99	24.43	0.02	24.45	0.279	2.000	
			50	0	23.2	0.02	23.22	0.210	2.000	
			50	25	23.22	0.02	23.24	0.211	2.000	
			50	50	23.09	0.02	23.11	0.205	2.000	
			100	0	23.11	0.02	23.13	0.206	2.000	
	Q16	1	0	22.91	0.02	22.93	0.196	2.000		

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			1	50	23.29	0.02	23.31	0.214	2.000		
			1	99	22.84	0.02	22.86	0.193	2.000		
			50	0	22.22	0.02	22.24	0.167	2.000		
			50	25	22.28	0.02	22.30	0.170	2.000		
			50	50	22.19	0.02	22.21	0.166	2.000		
			100	0	22.18	0.02	22.20	0.166	2.000		
	HCH	QPSK		1	0	23.87	0.02	23.89	0.245	2.000	
				1	50	23.8	0.02	23.82	0.241	2.000	
				1	99	23.89	0.02	23.91	0.246	2.000	
				50	0	22.98	0.02	23.00	0.200	2.000	
				50	25	23.07	0.02	23.09	0.204	2.000	
				50	50	23.18	0.02	23.20	0.209	2.000	
		Q16			100	0	23.06	0.02	23.08	0.203	2.000
					1	0	22.99	0.02	23.01	0.200	2.000
					1	50	23.11	0.02	23.13	0.206	2.000
					1	99	23	0.02	23.02	0.200	2.000
					50	0	21.93	0.02	21.95	0.157	2.000
					50	25	22.02	0.02	22.04	0.160	2.000
			50	50	22.14	0.02	22.16	0.164	2.000		
			100	0	22.25	0.02	22.27	0.169	2.000		

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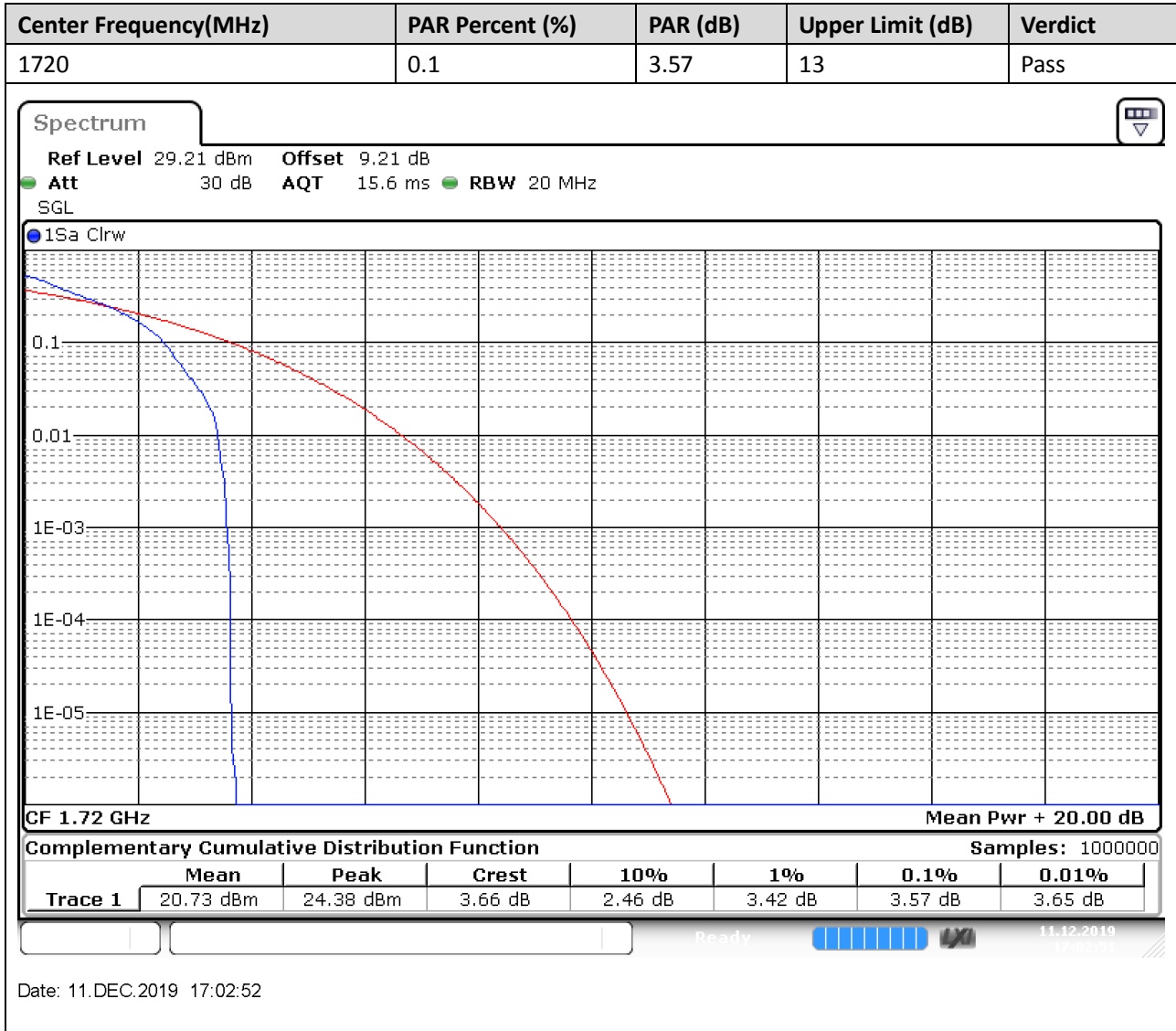
Http://www.sz-ctc.org.cn

中国国家认证认可监督管理委员会
Certification and Accreditation Administration of the People's Republic of ChinaFor anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn

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

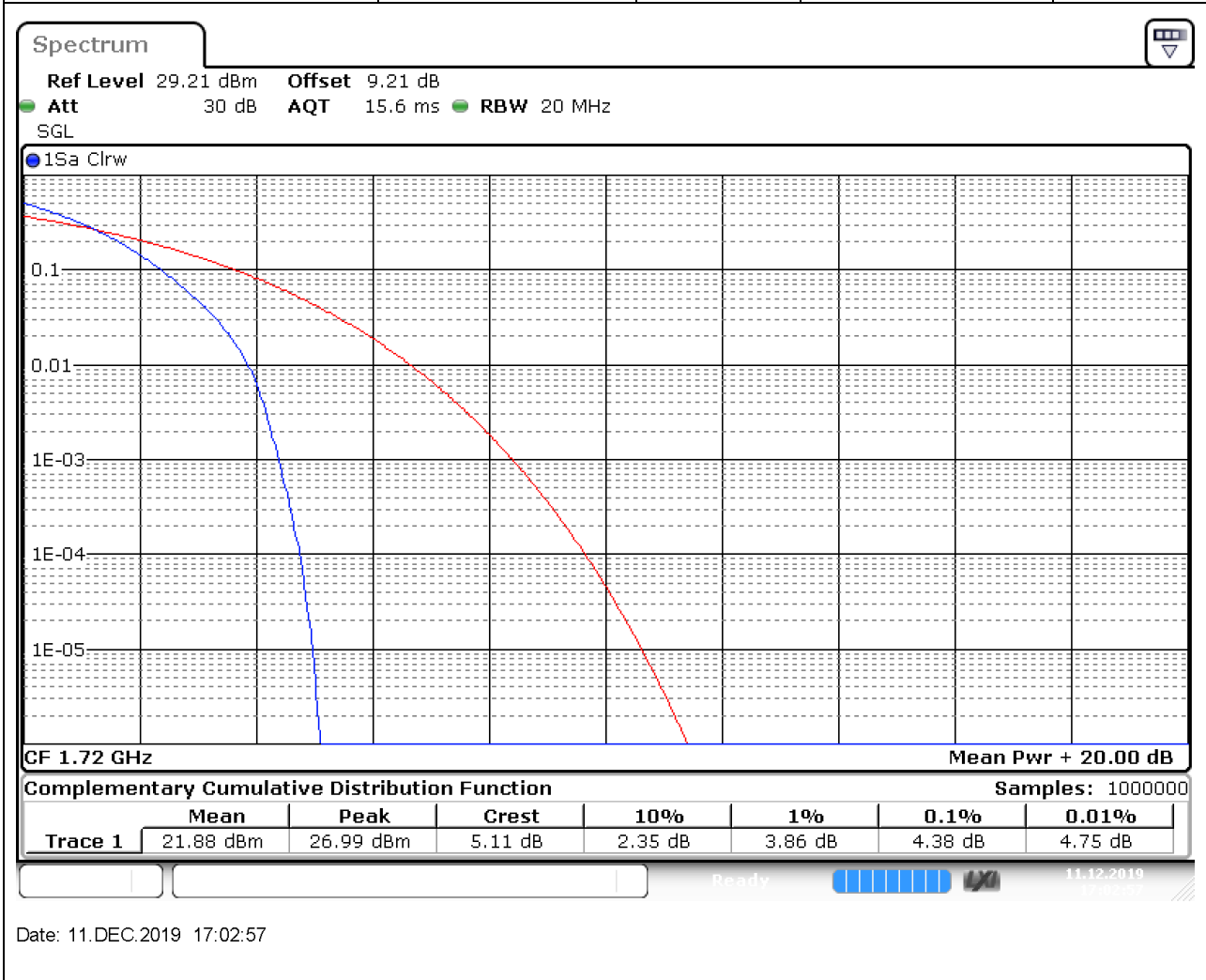
Test Result

1.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



1.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

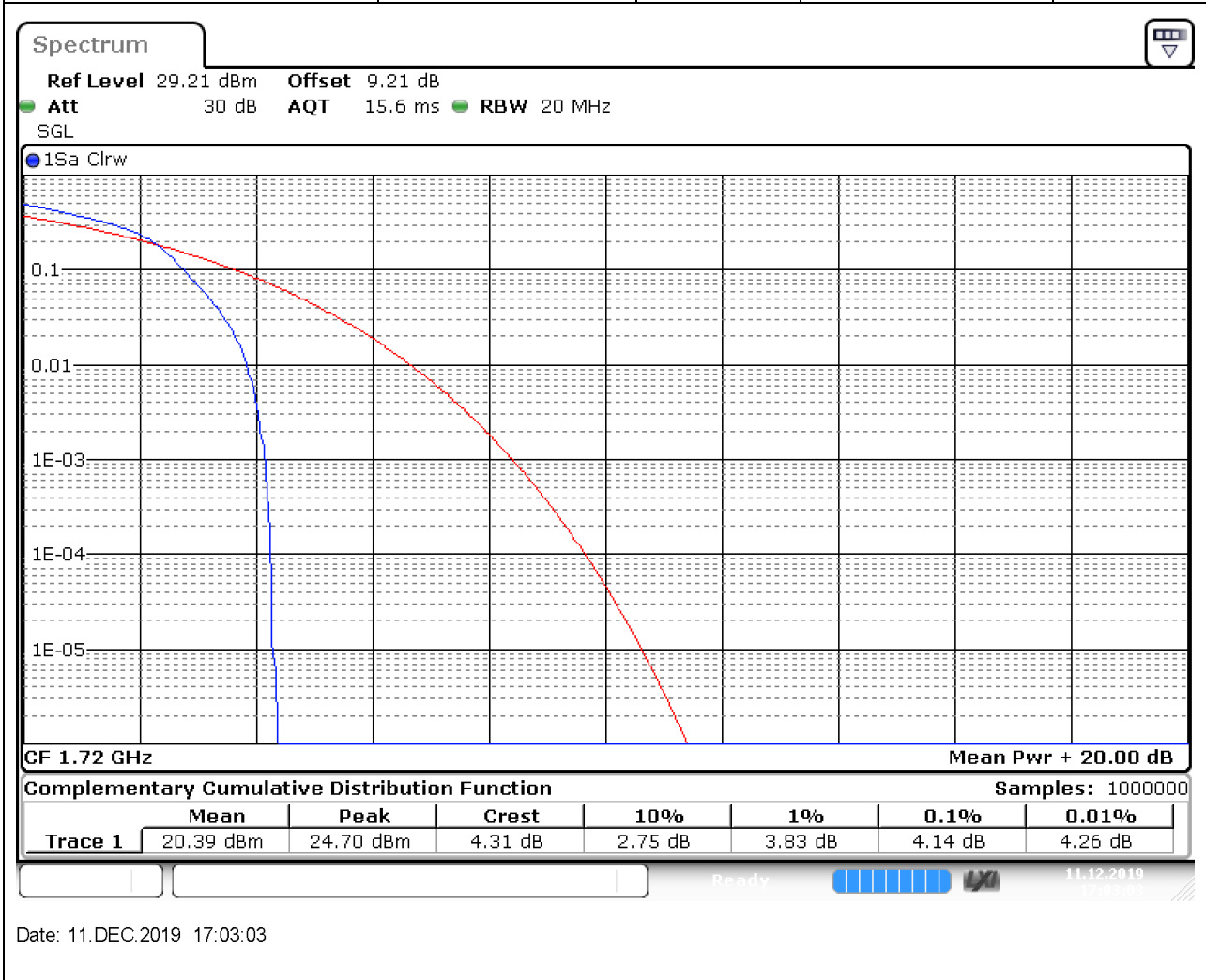
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	4.38	13	Pass





1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	4.14	13	Pass



Date: 11.DEC.2019 17:03:03

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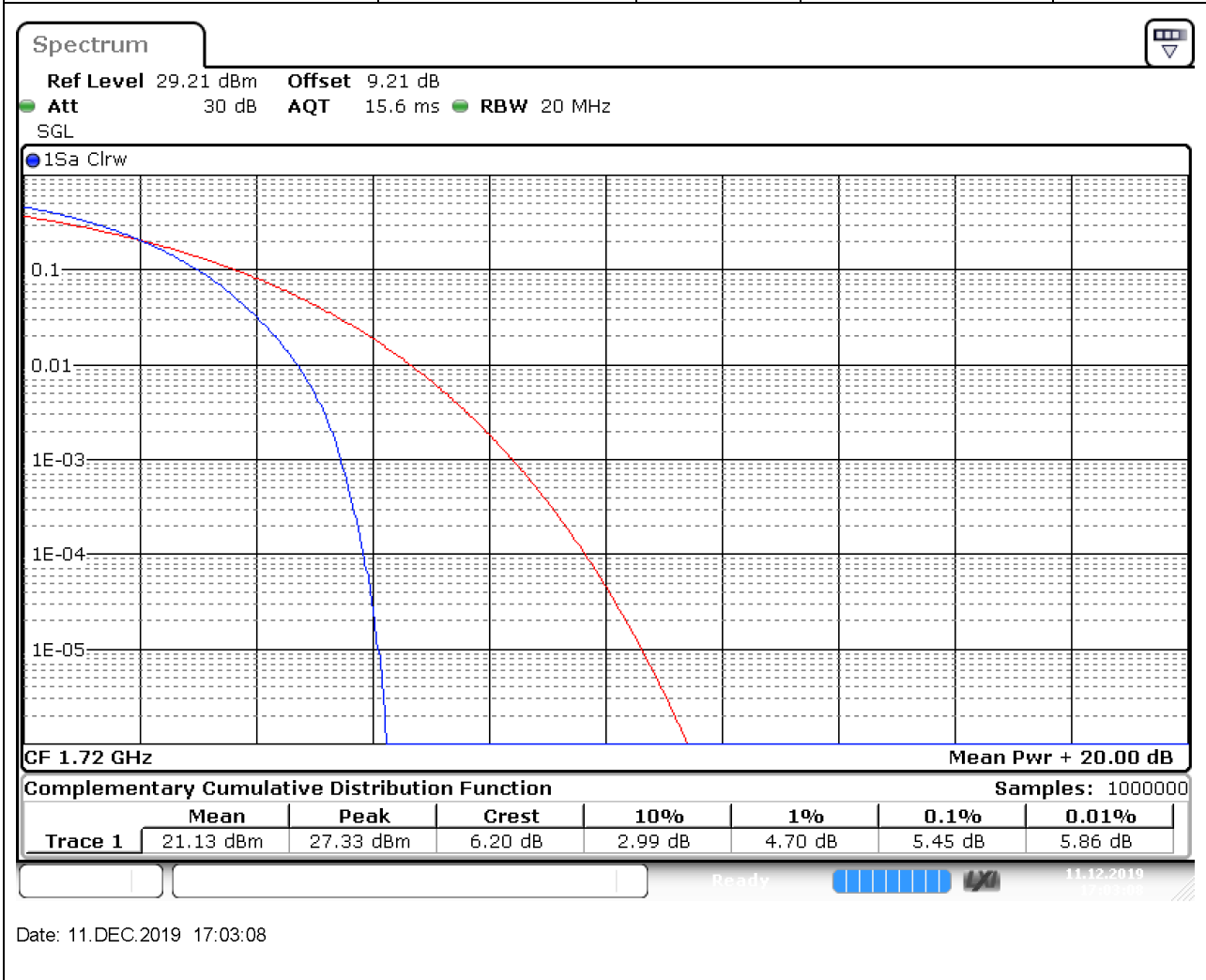


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1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

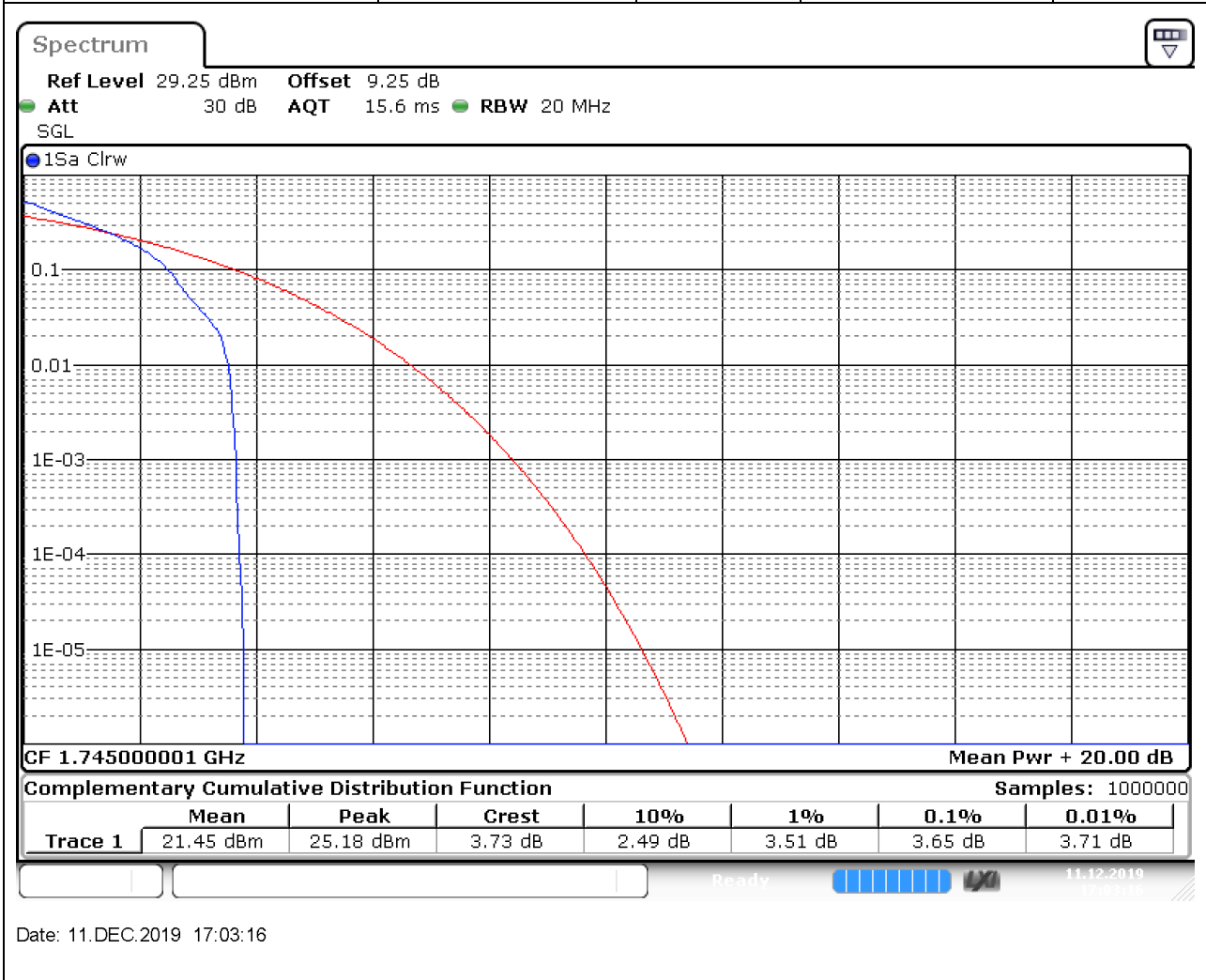
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1720	0.1	5.45	13	Pass





1.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

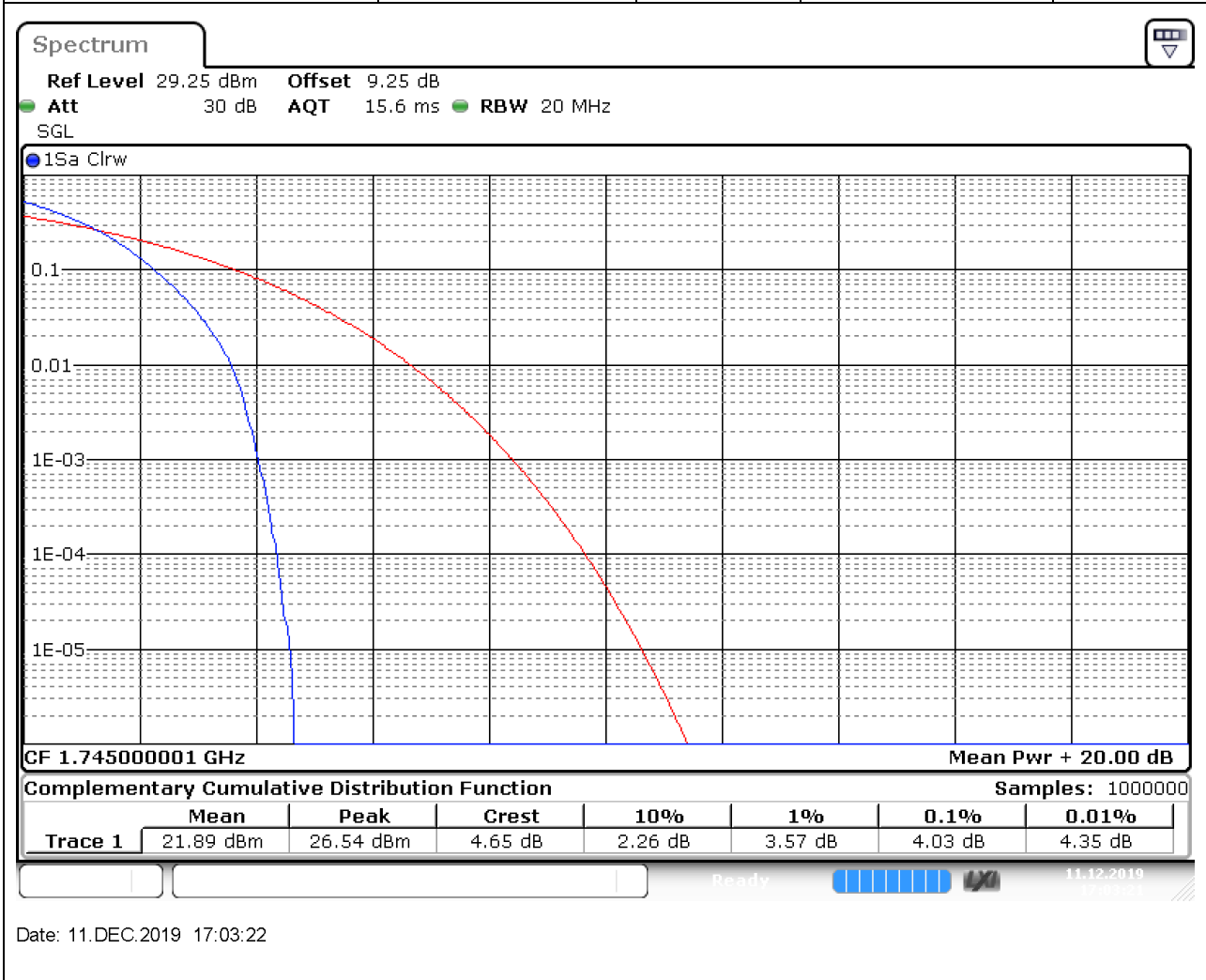
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	3.65	13	Pass





1.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

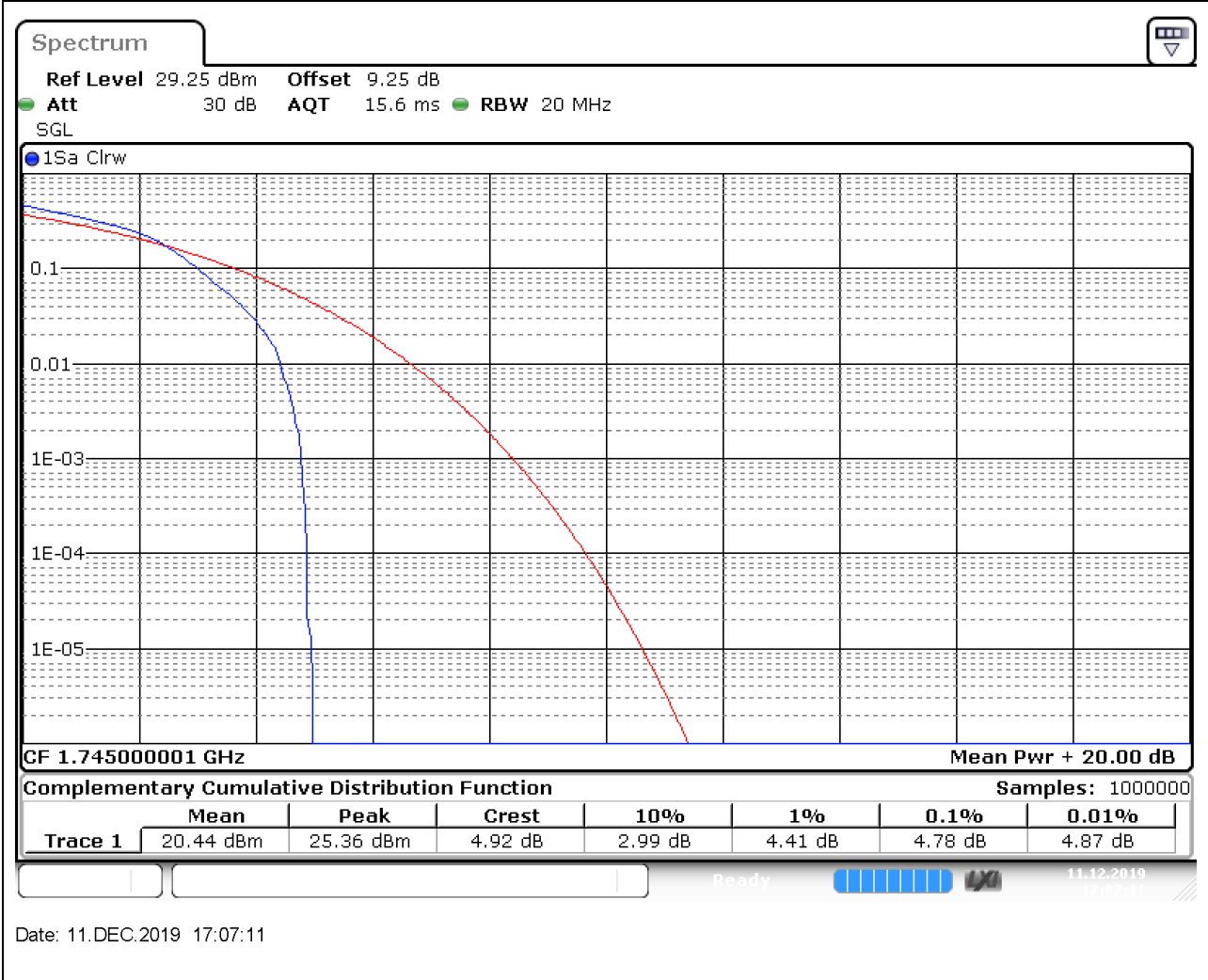
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	4.03	13	Pass





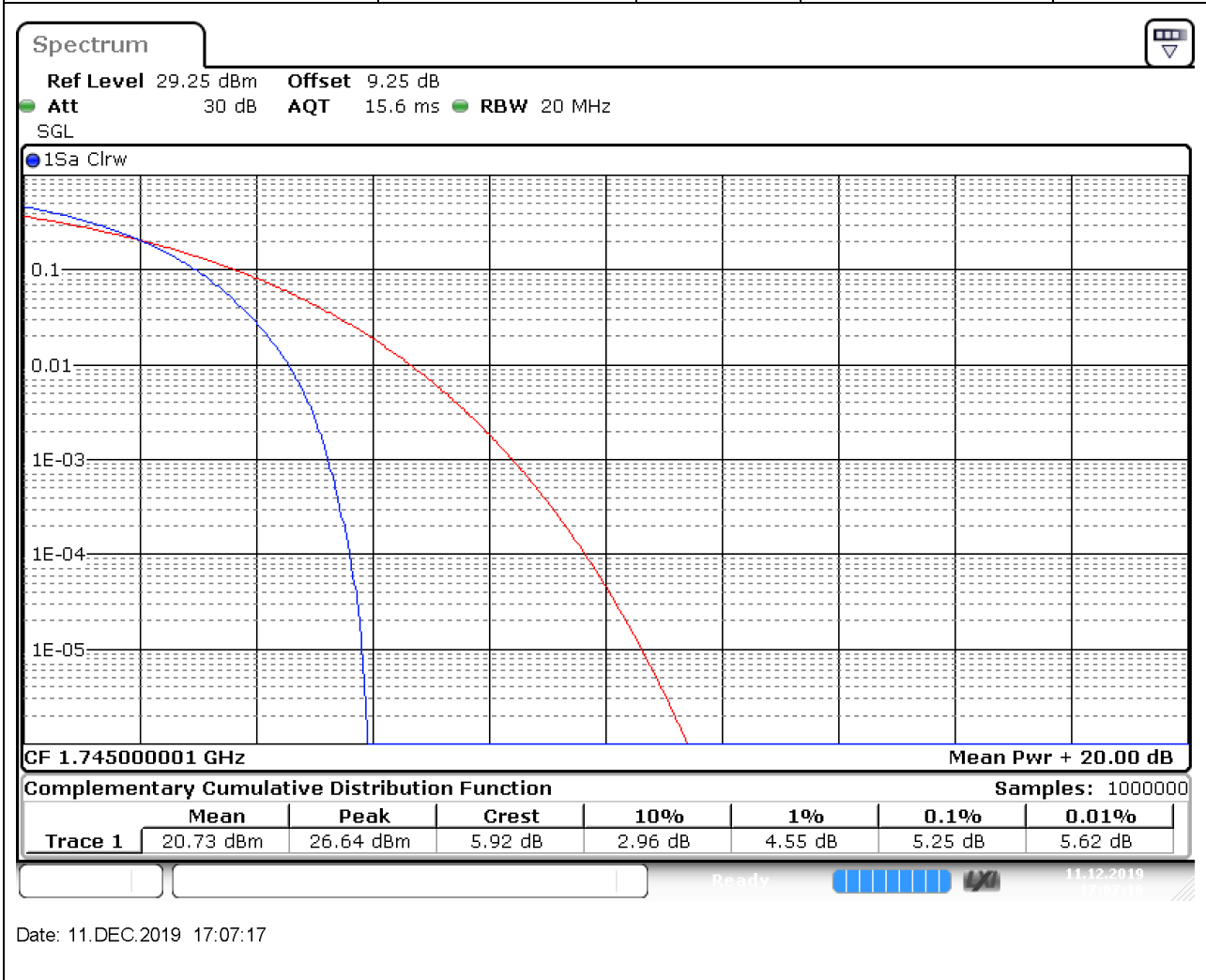
1.9. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	4.78	13	Pass



1.10. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

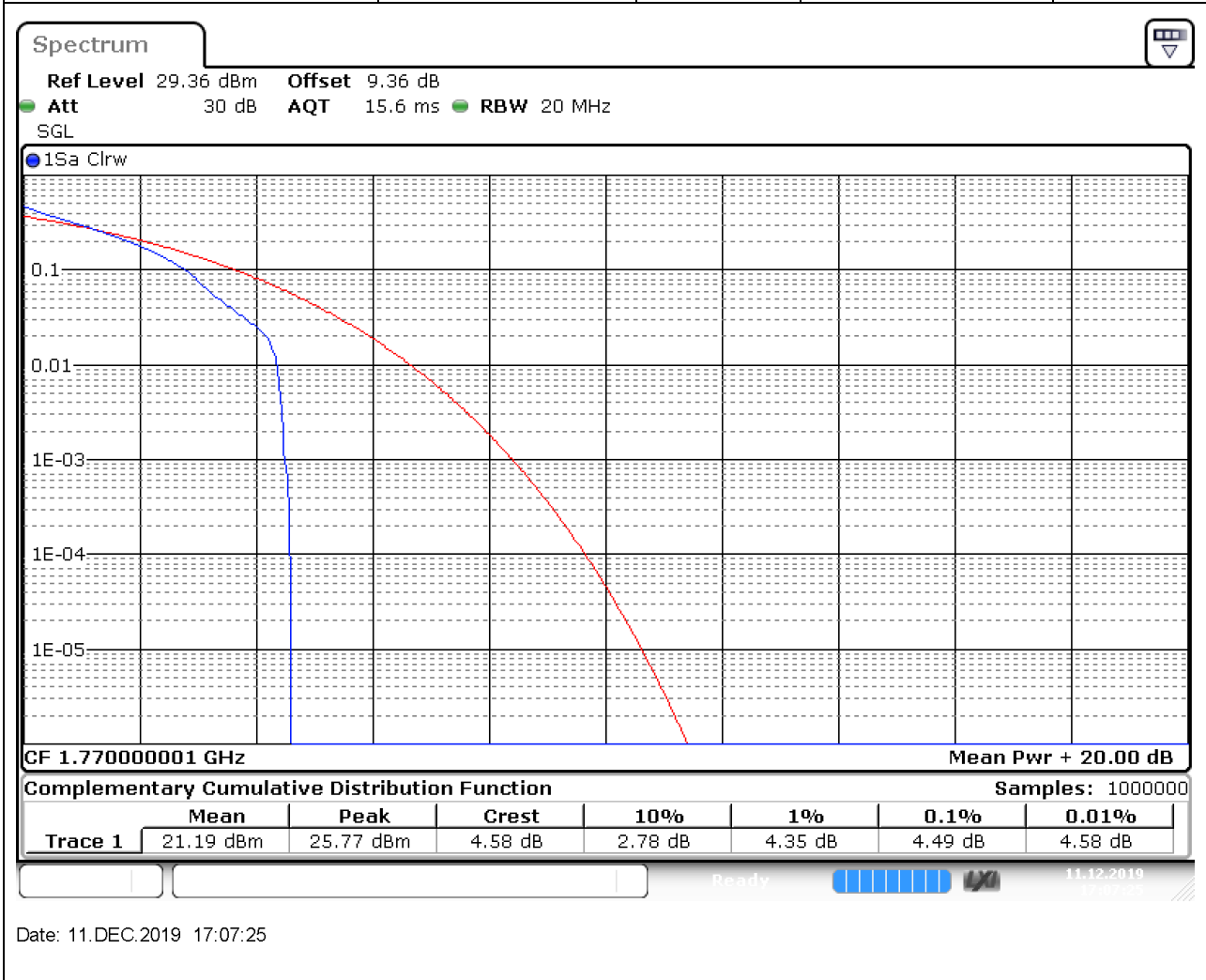
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1745	0.1	5.25	13	Pass





1.11. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

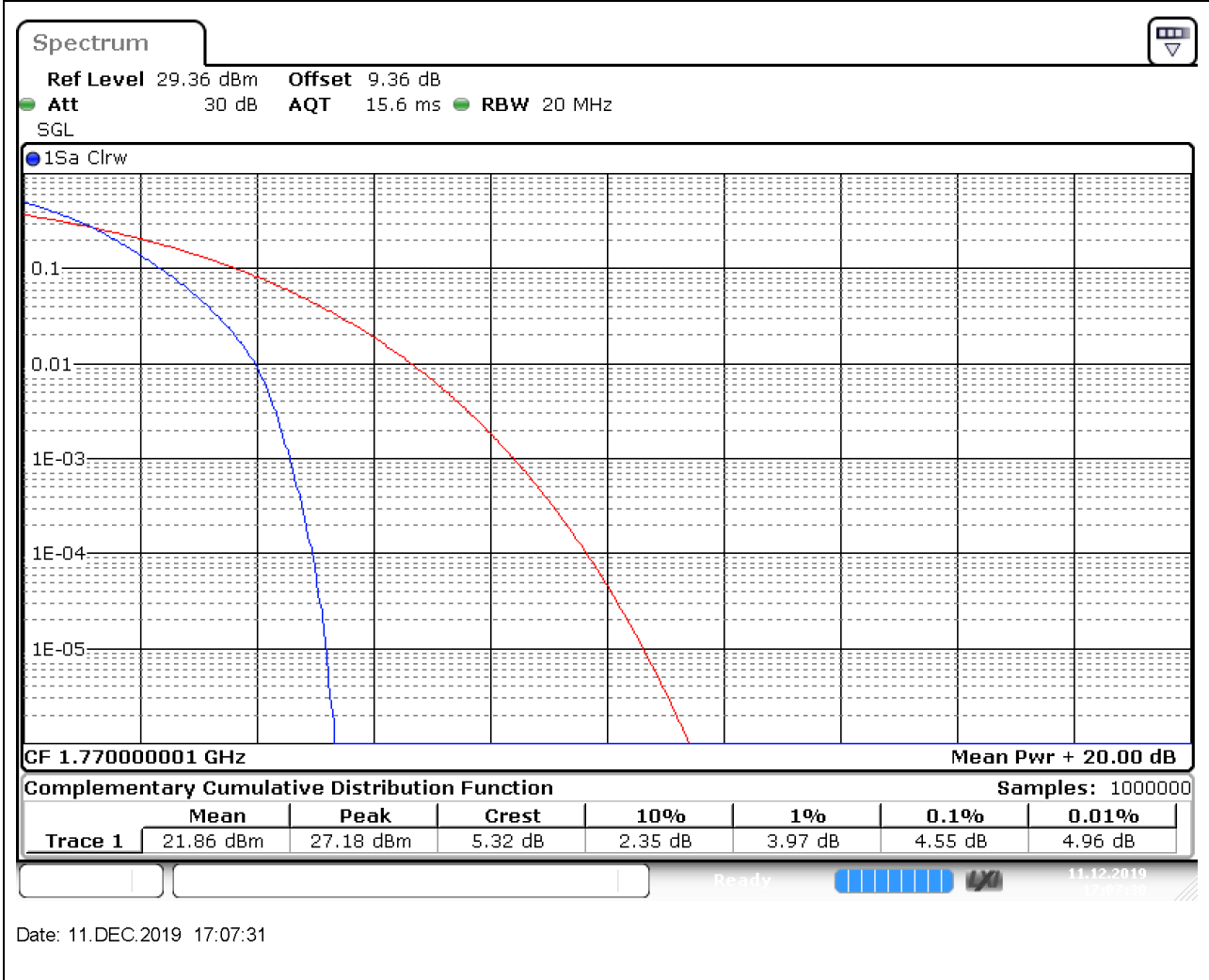
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	4.49	13	Pass





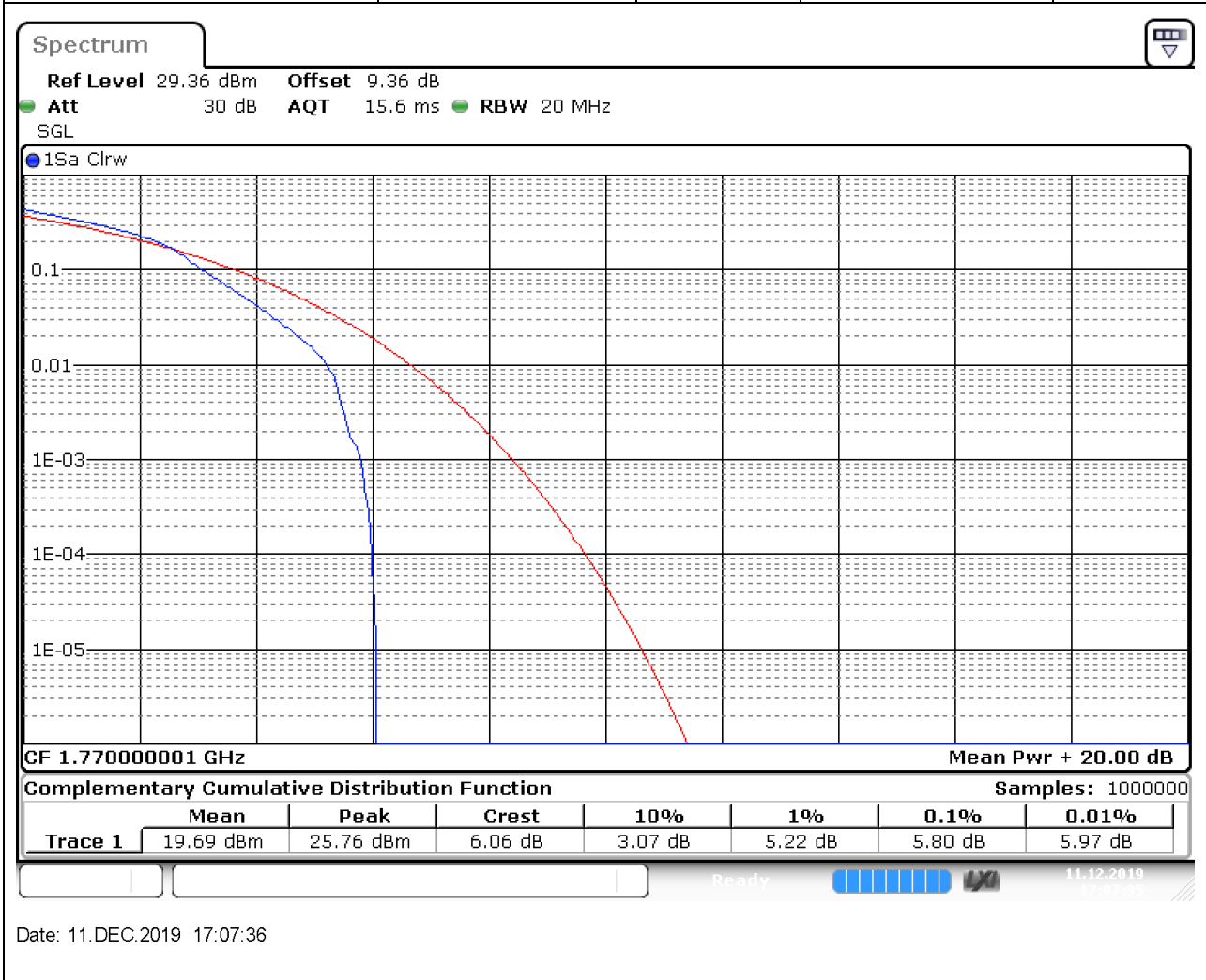
1.12. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	4.55	13	Pass



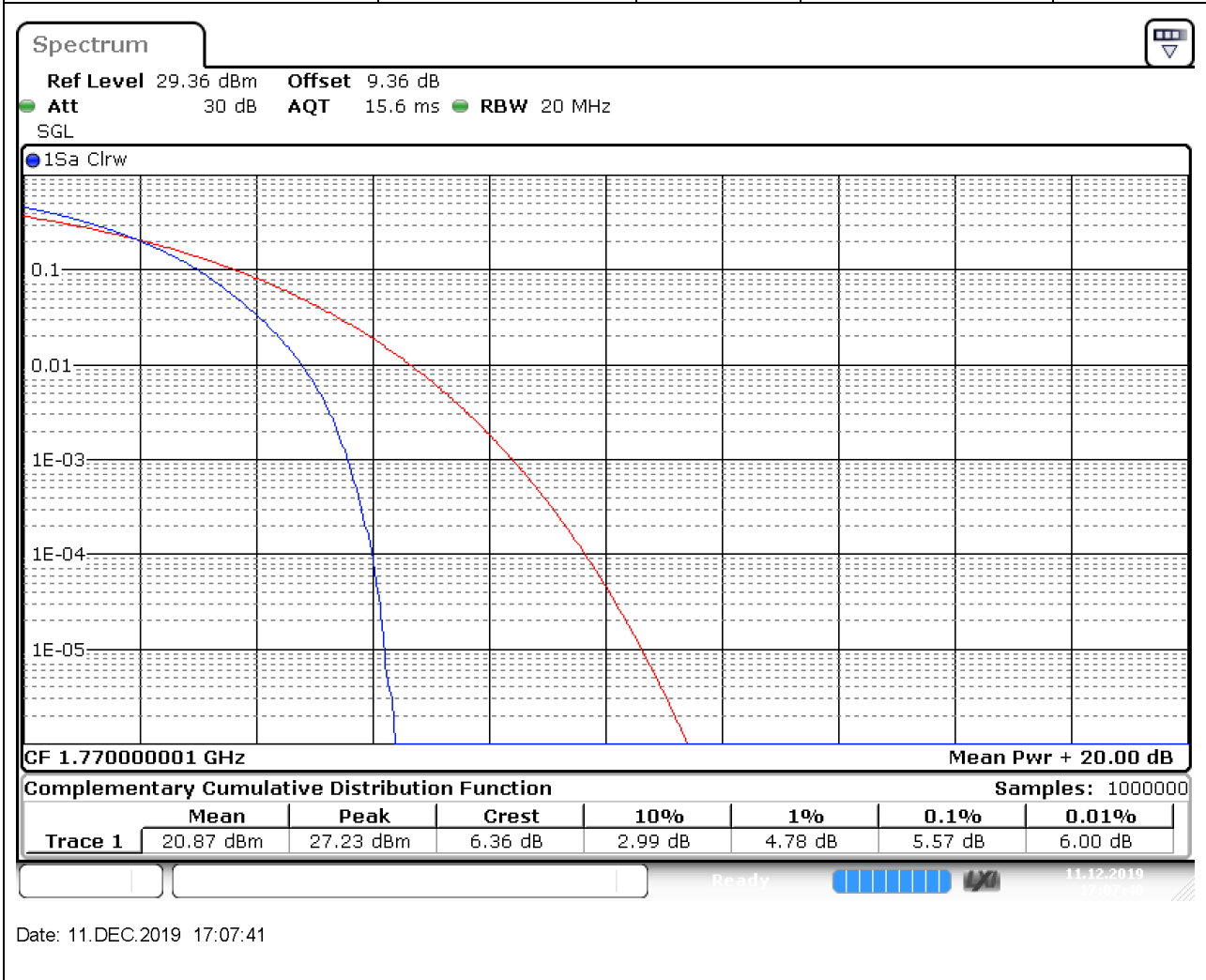
1.13. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	5.8	13	Pass



1.14. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1770	0.1	5.57	13	Pass

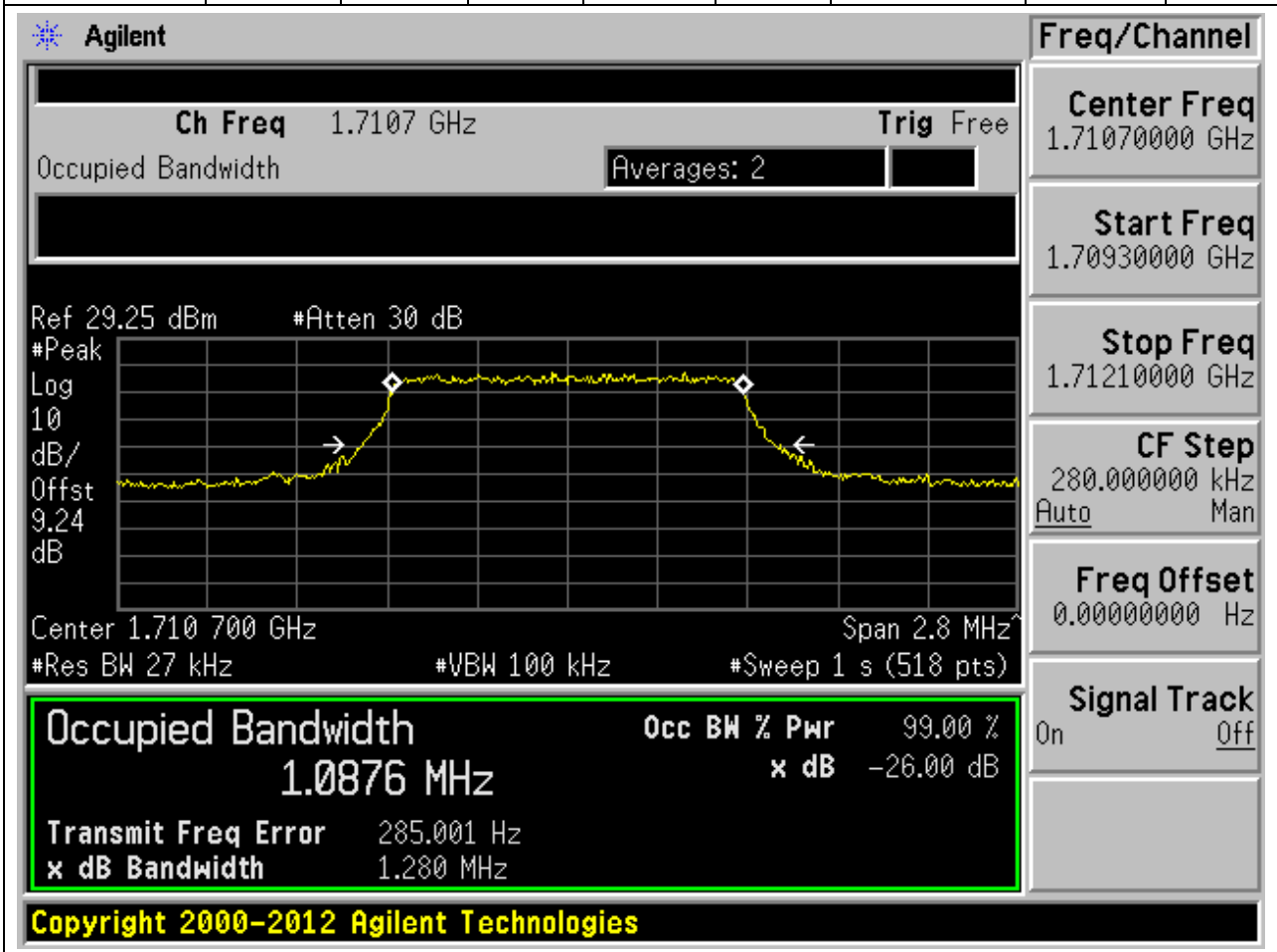


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

1.25. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:131979, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

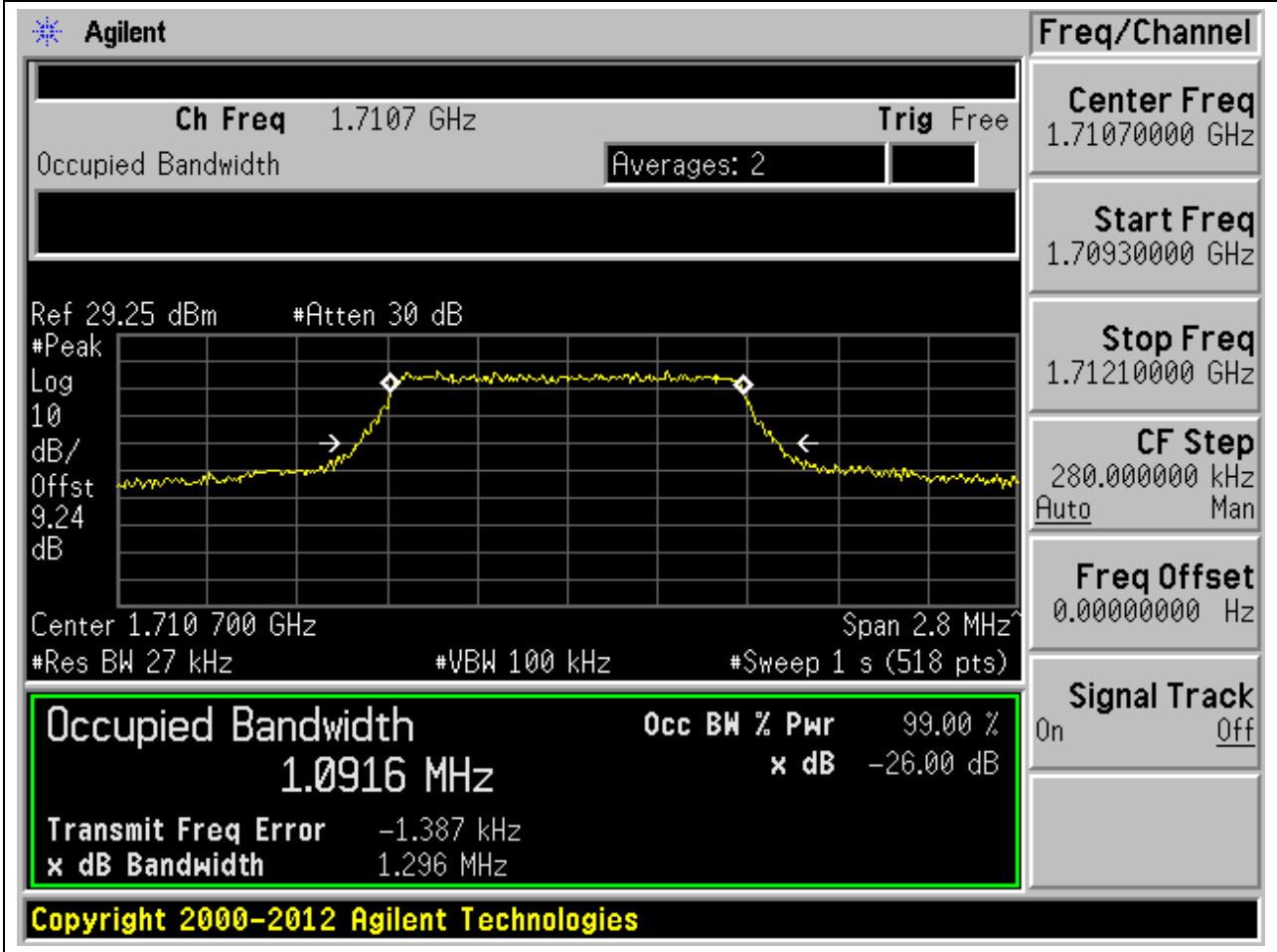
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.09	1.28	1.4	Pass



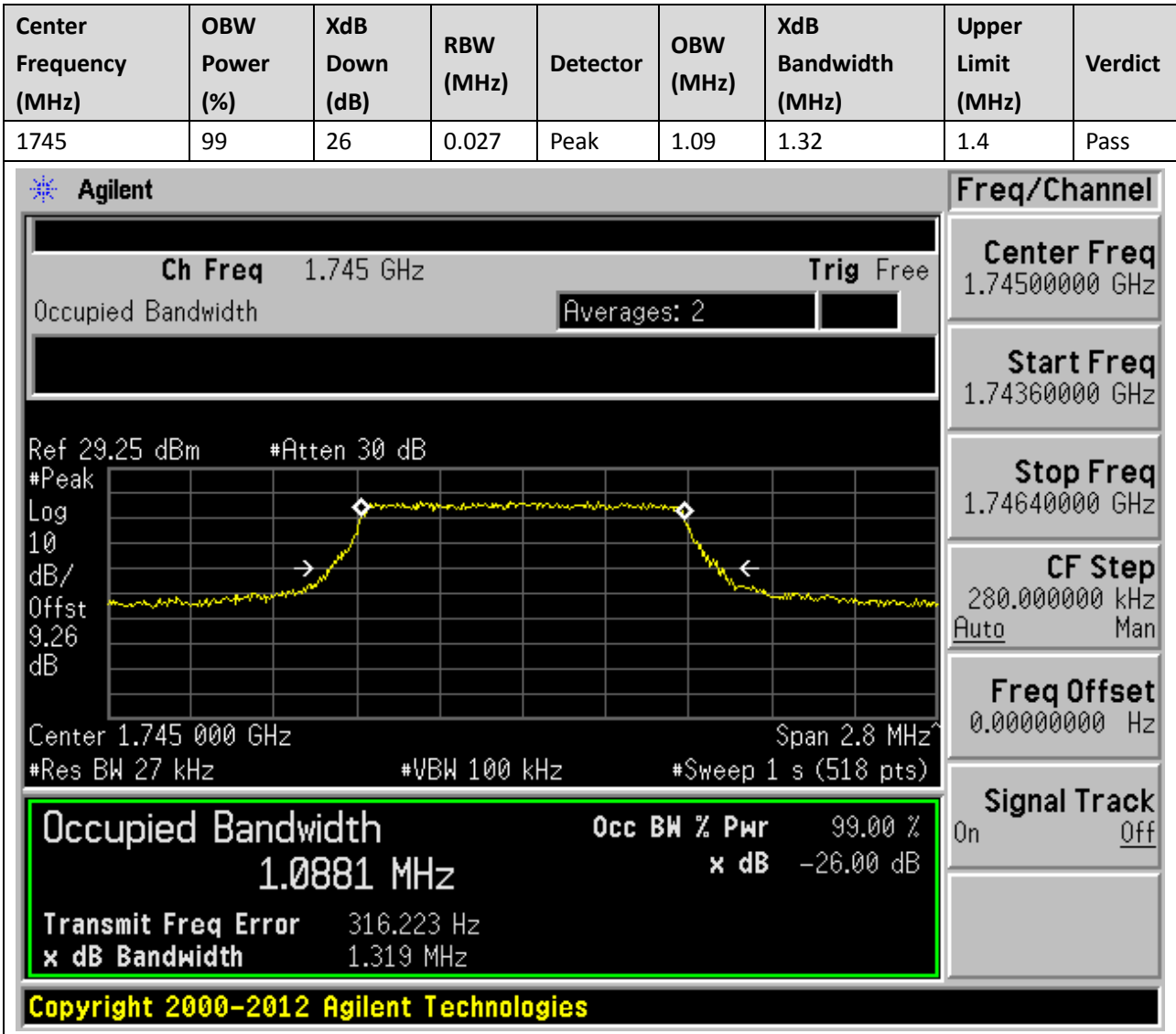


1.26. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

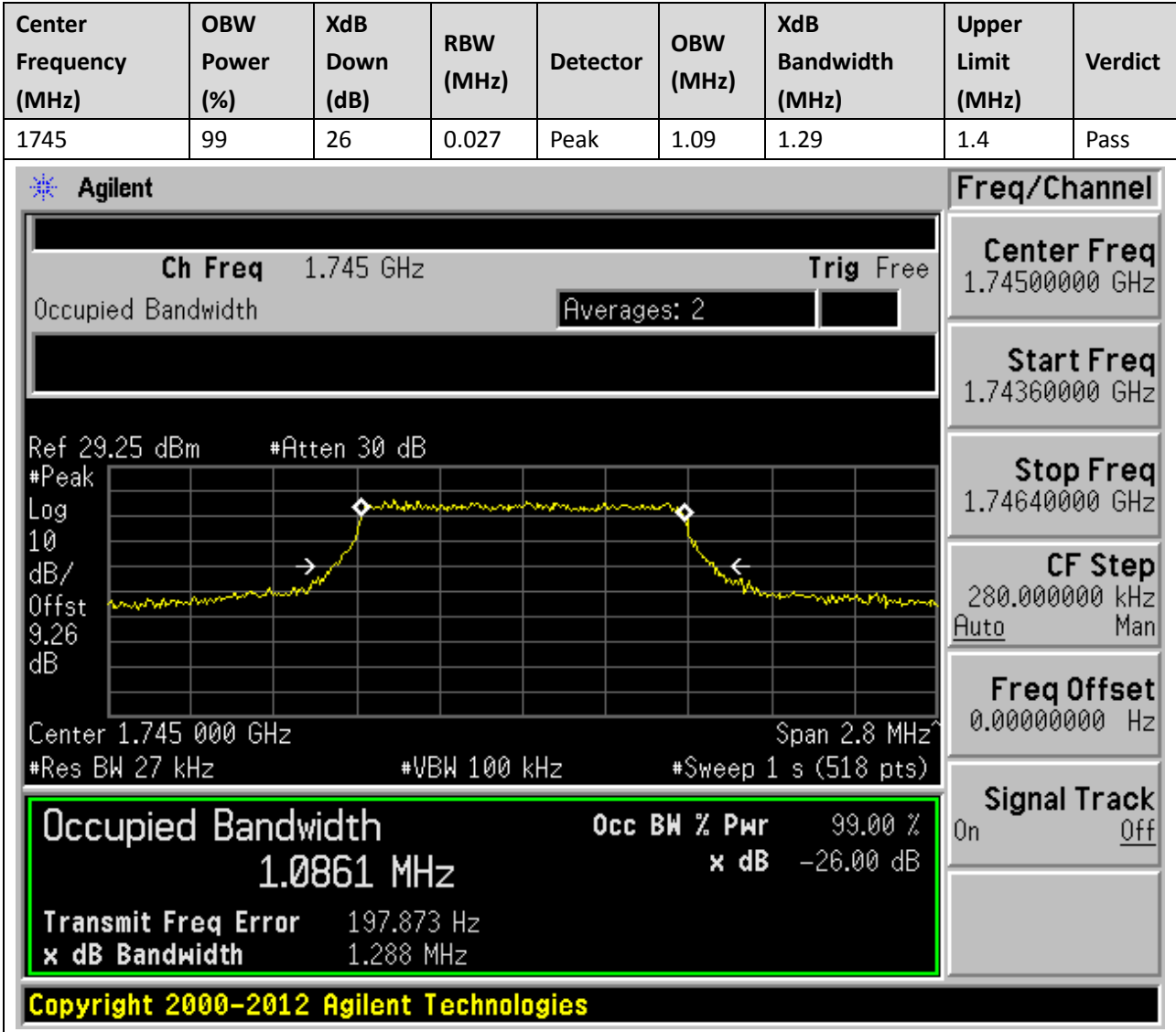
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.09	1.3	1.4	Pass



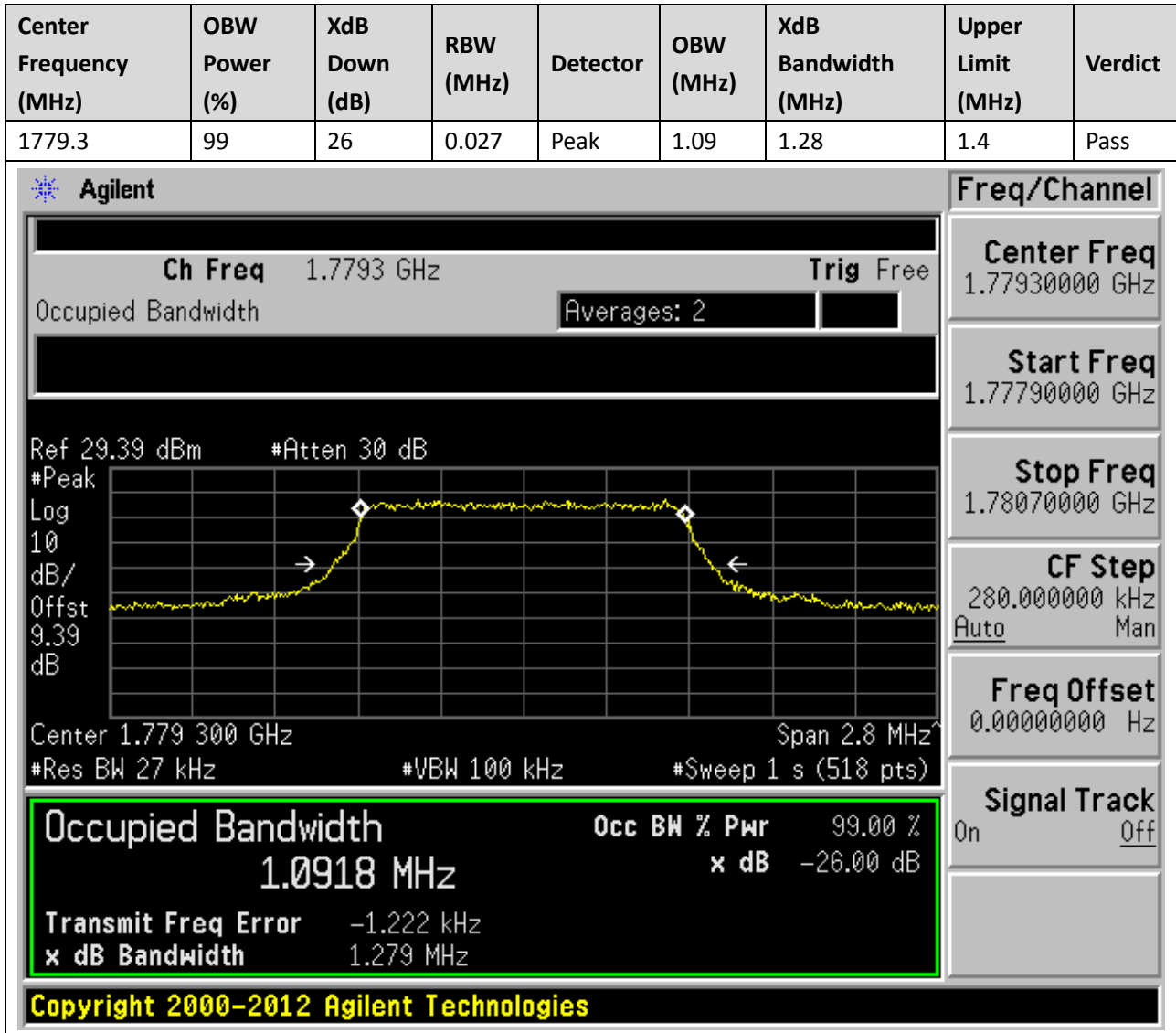
1.27. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:132322, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



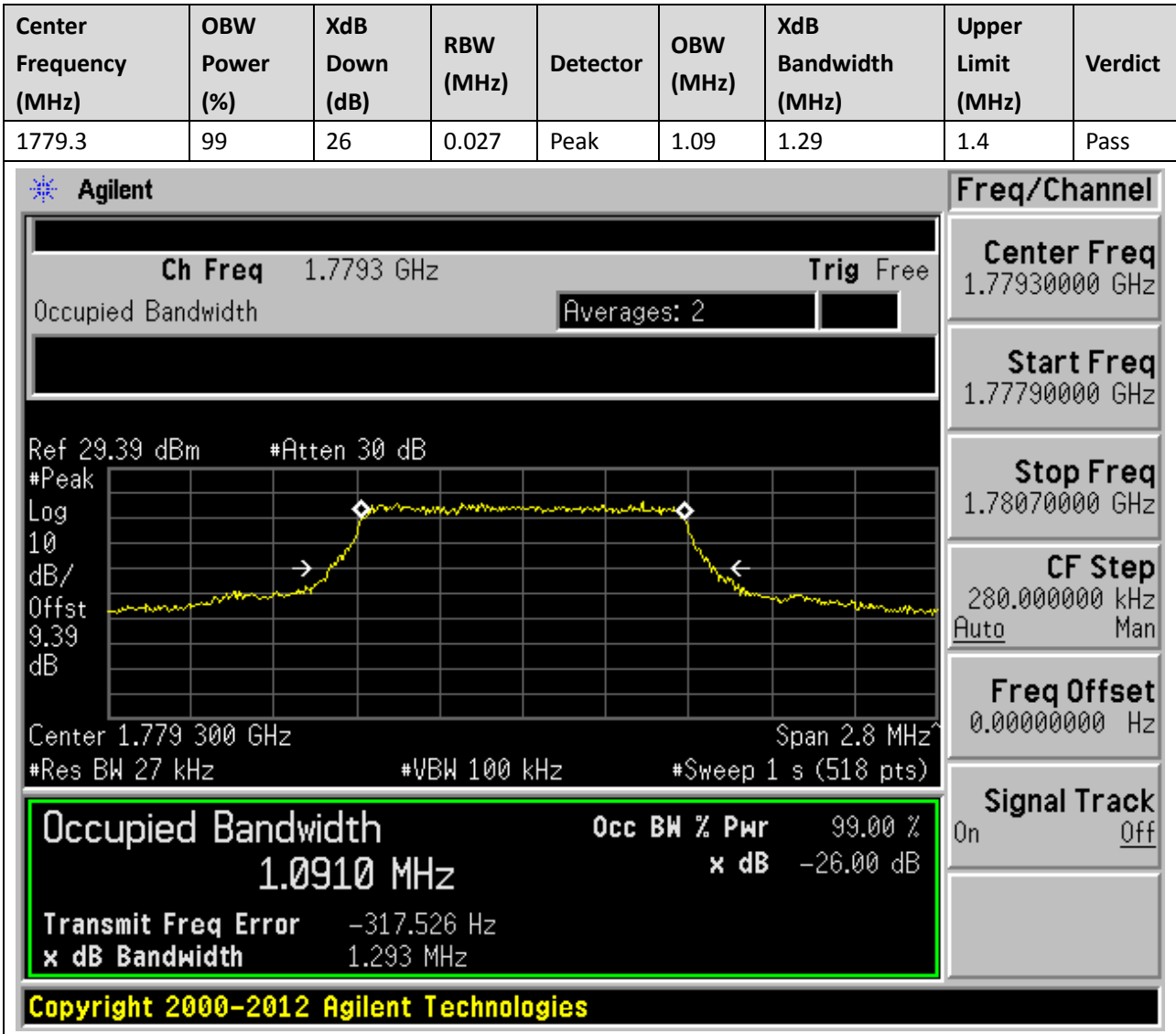
1.28. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:132322, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



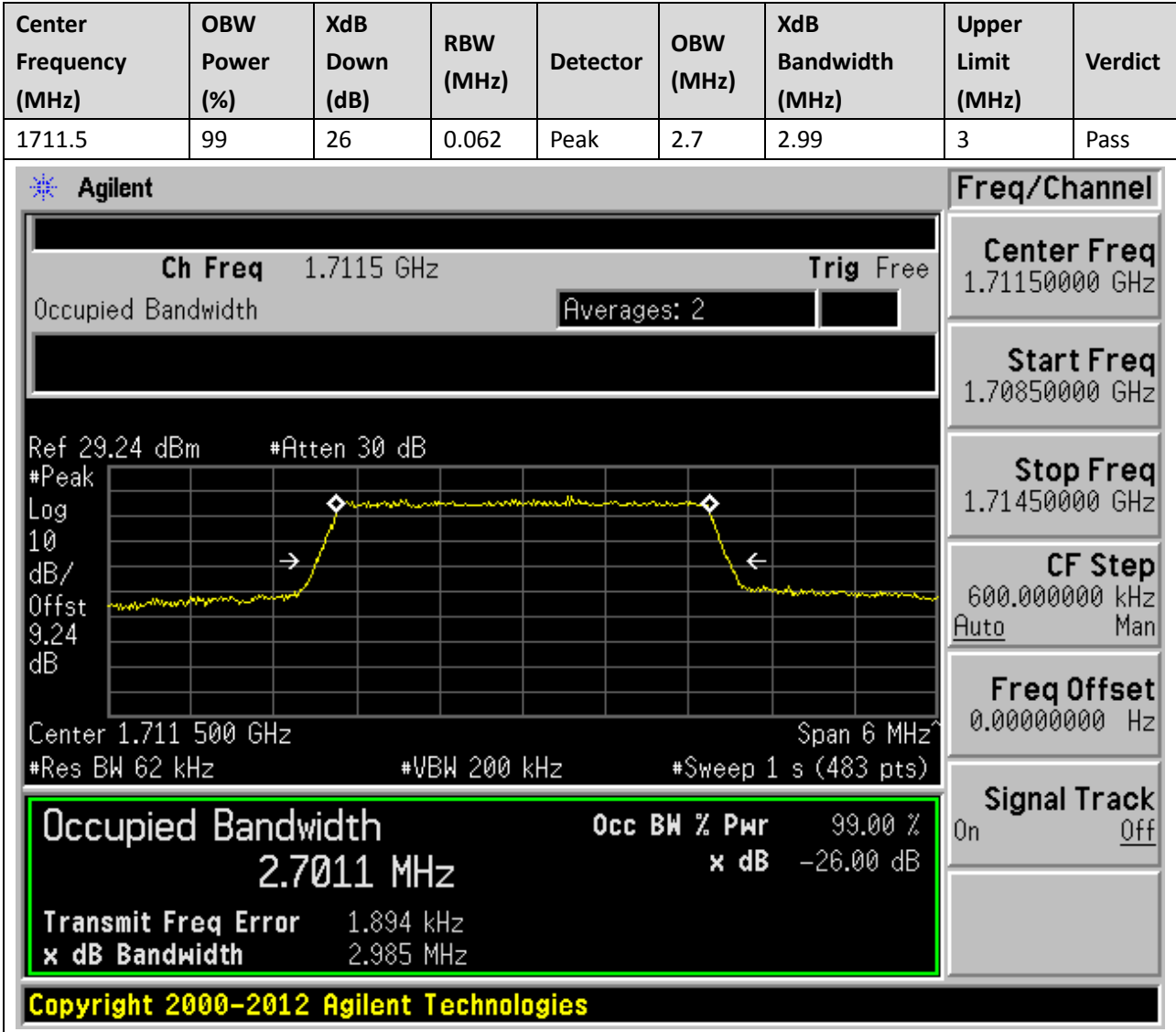
1.29. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



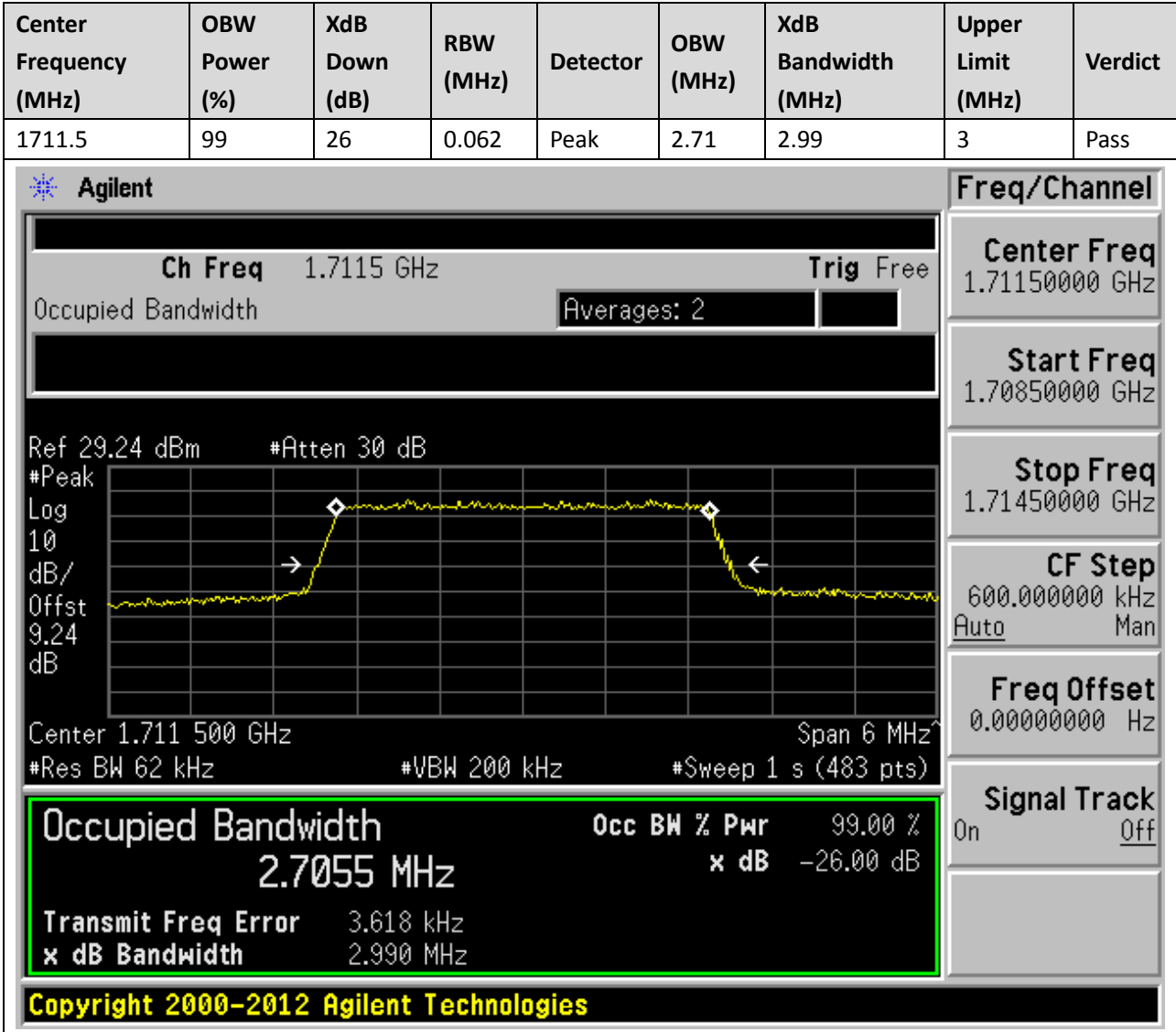
1.30. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



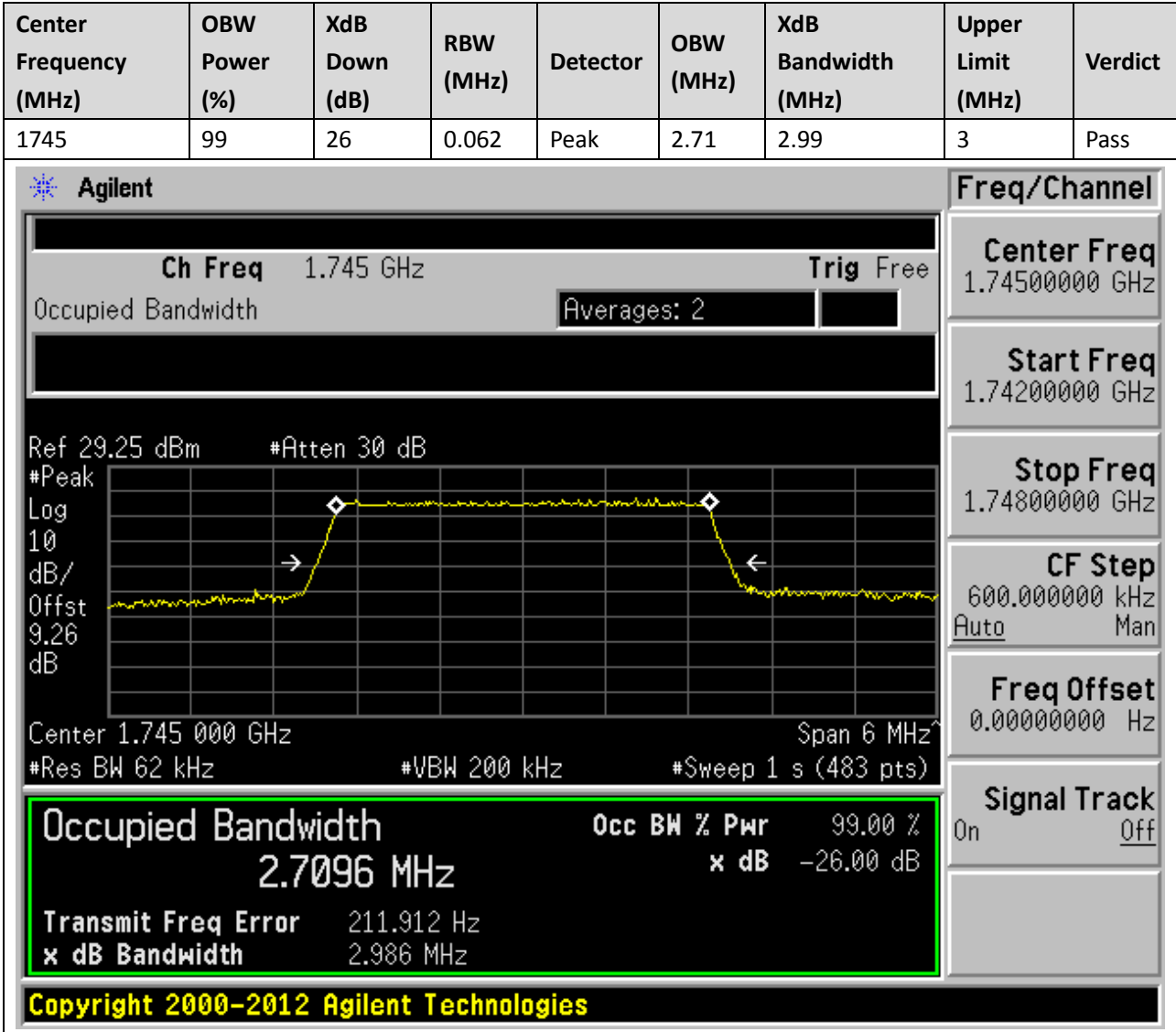
1.31. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



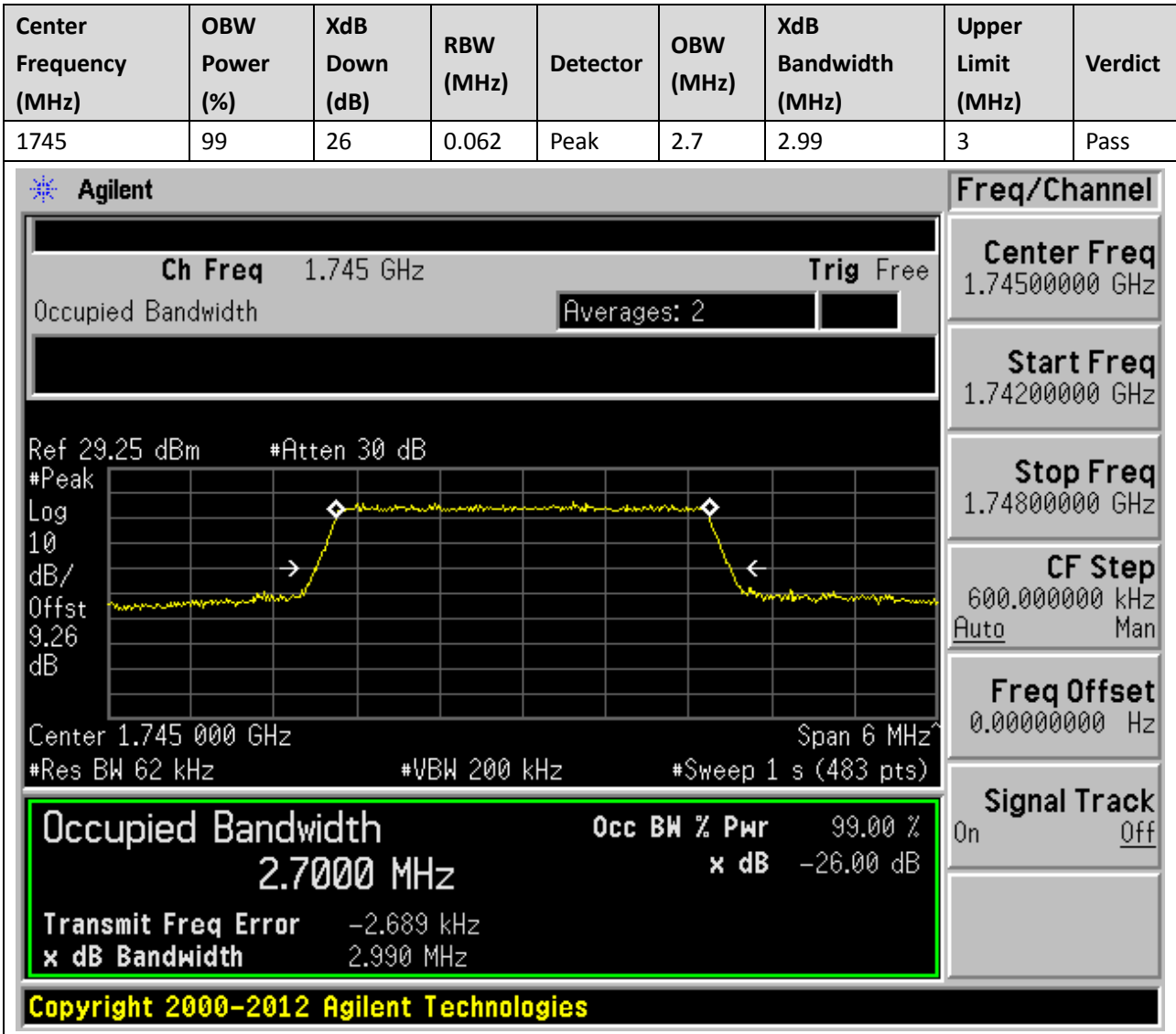
1.32. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



1.33. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:132322, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

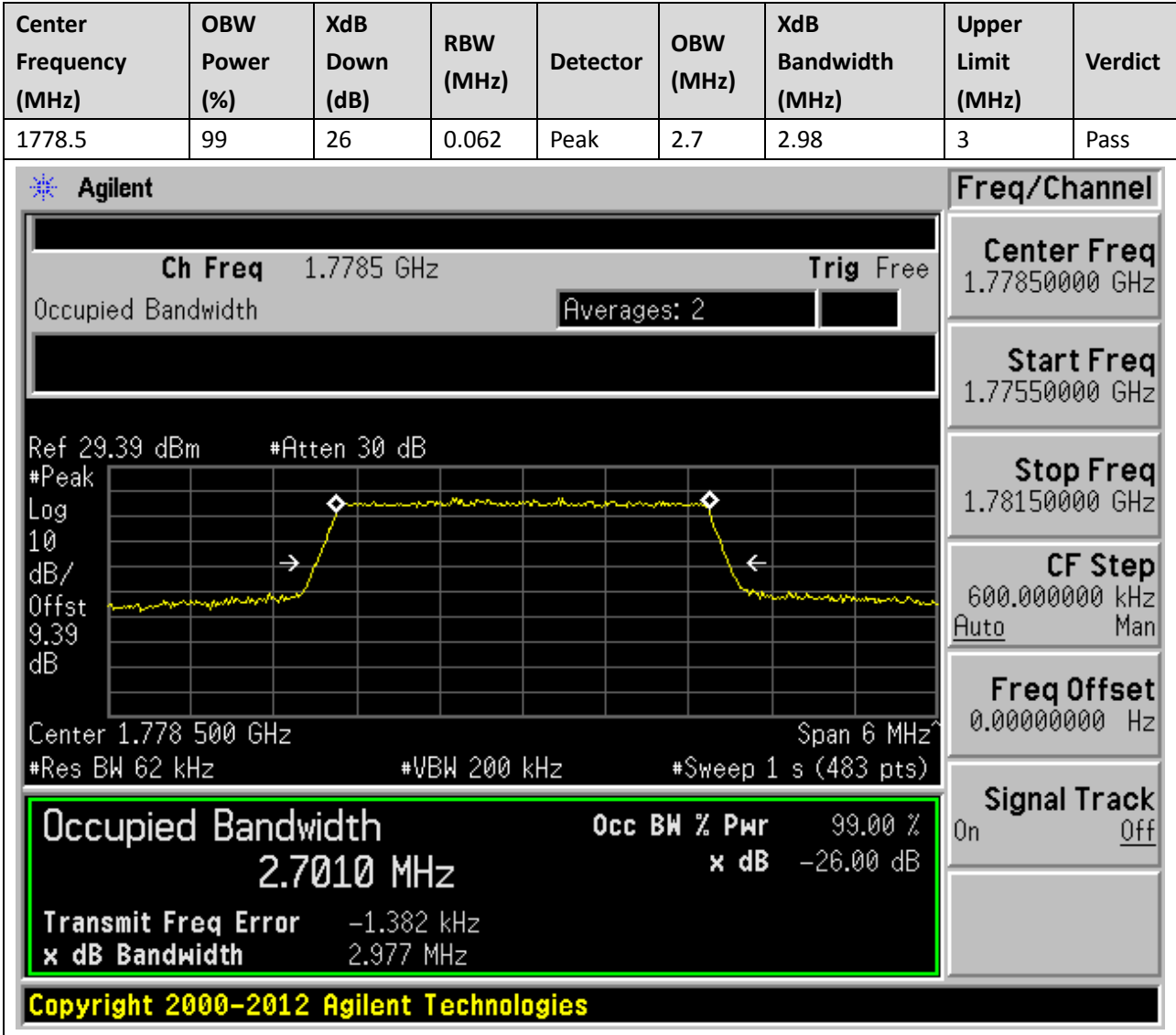


1.34. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:132322, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

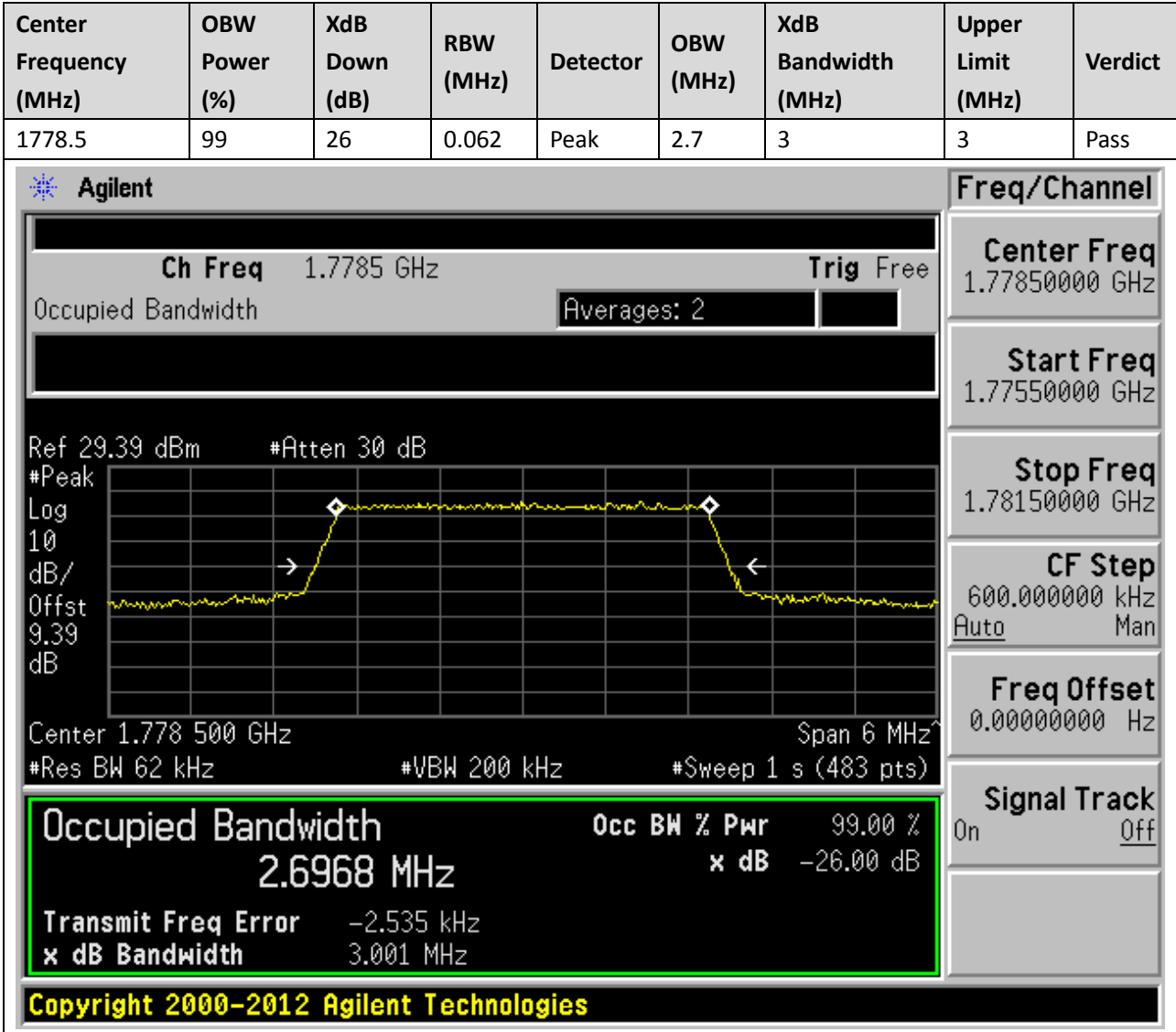




1.35. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

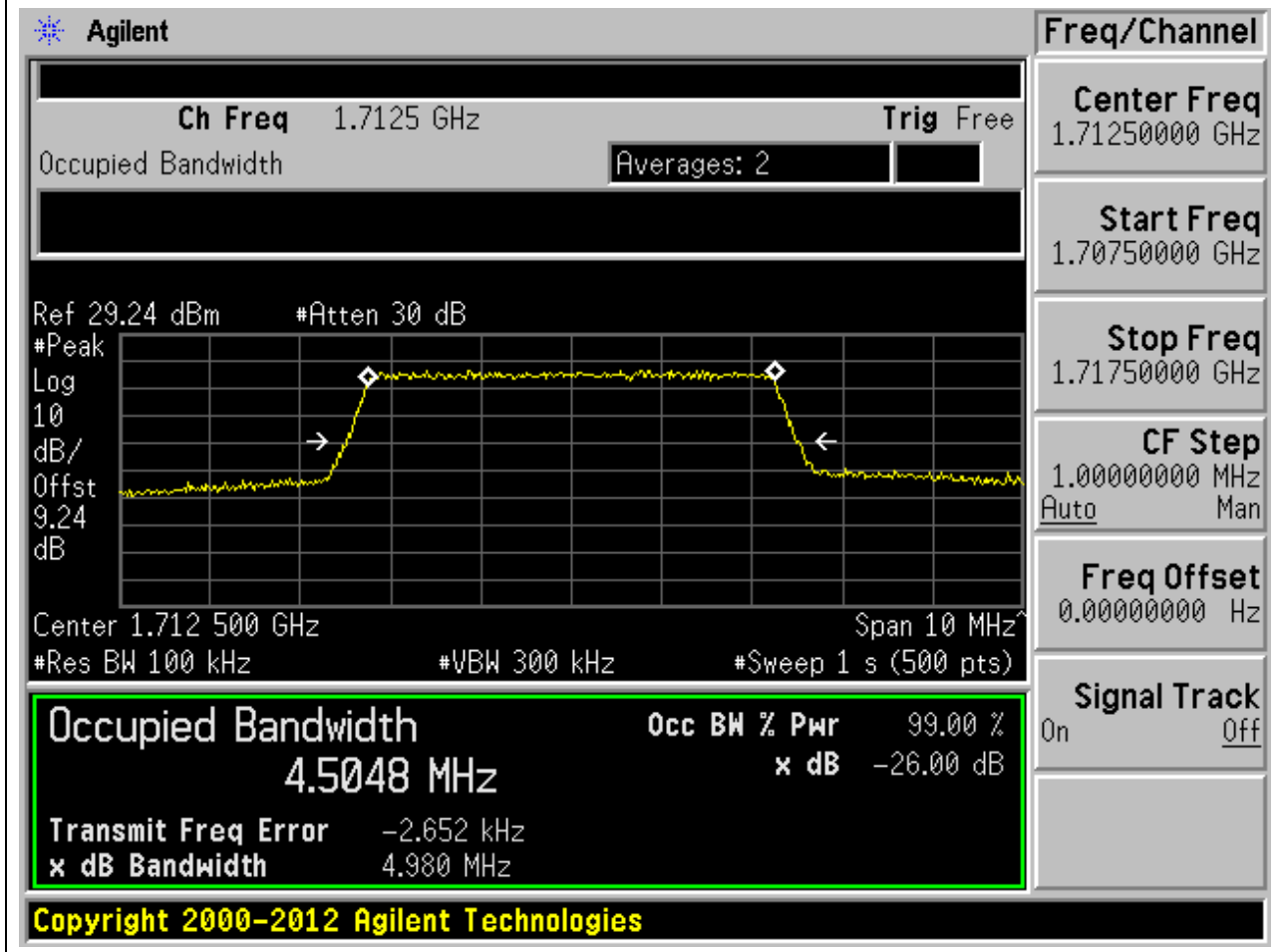


1.36. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

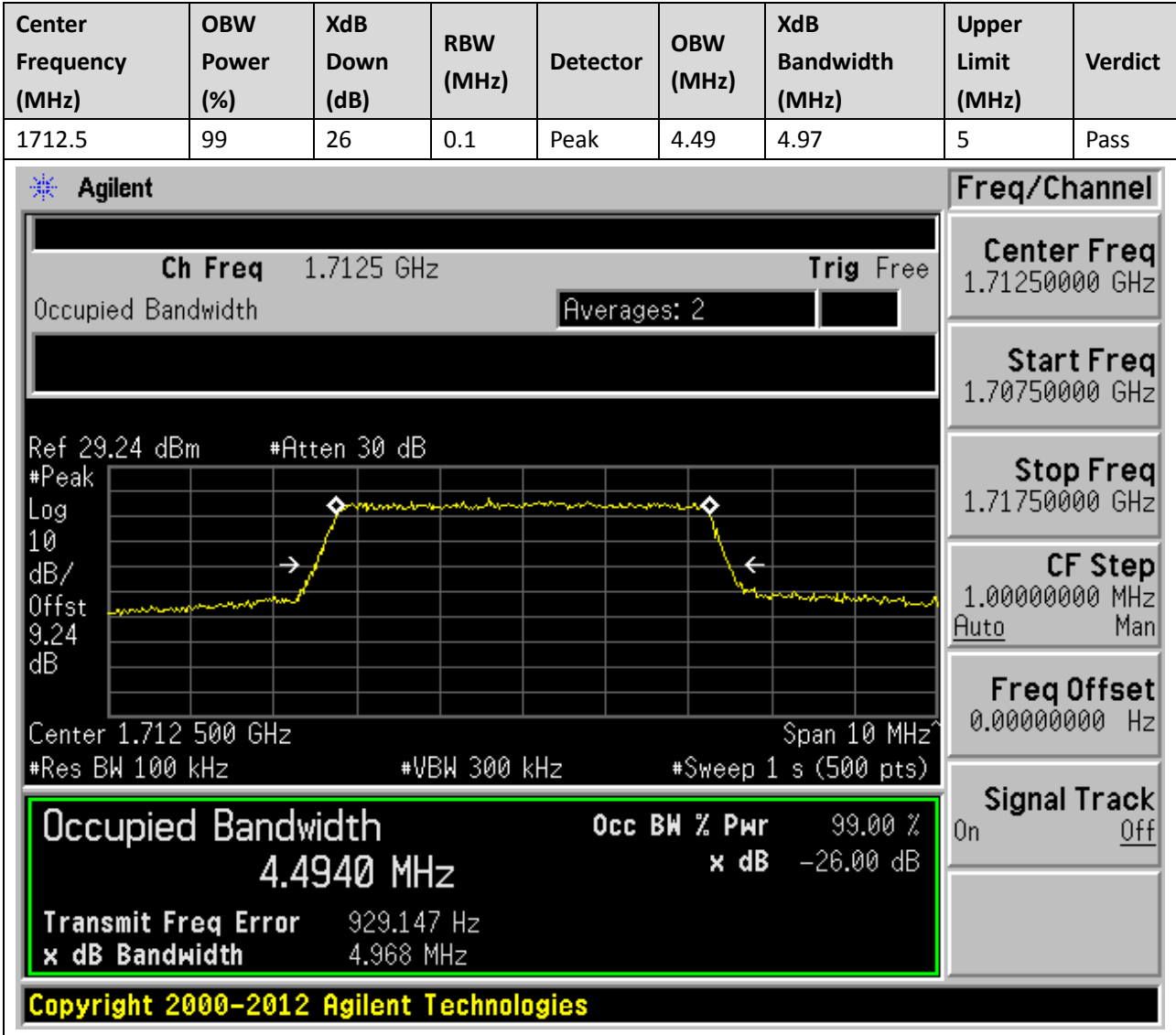


1.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

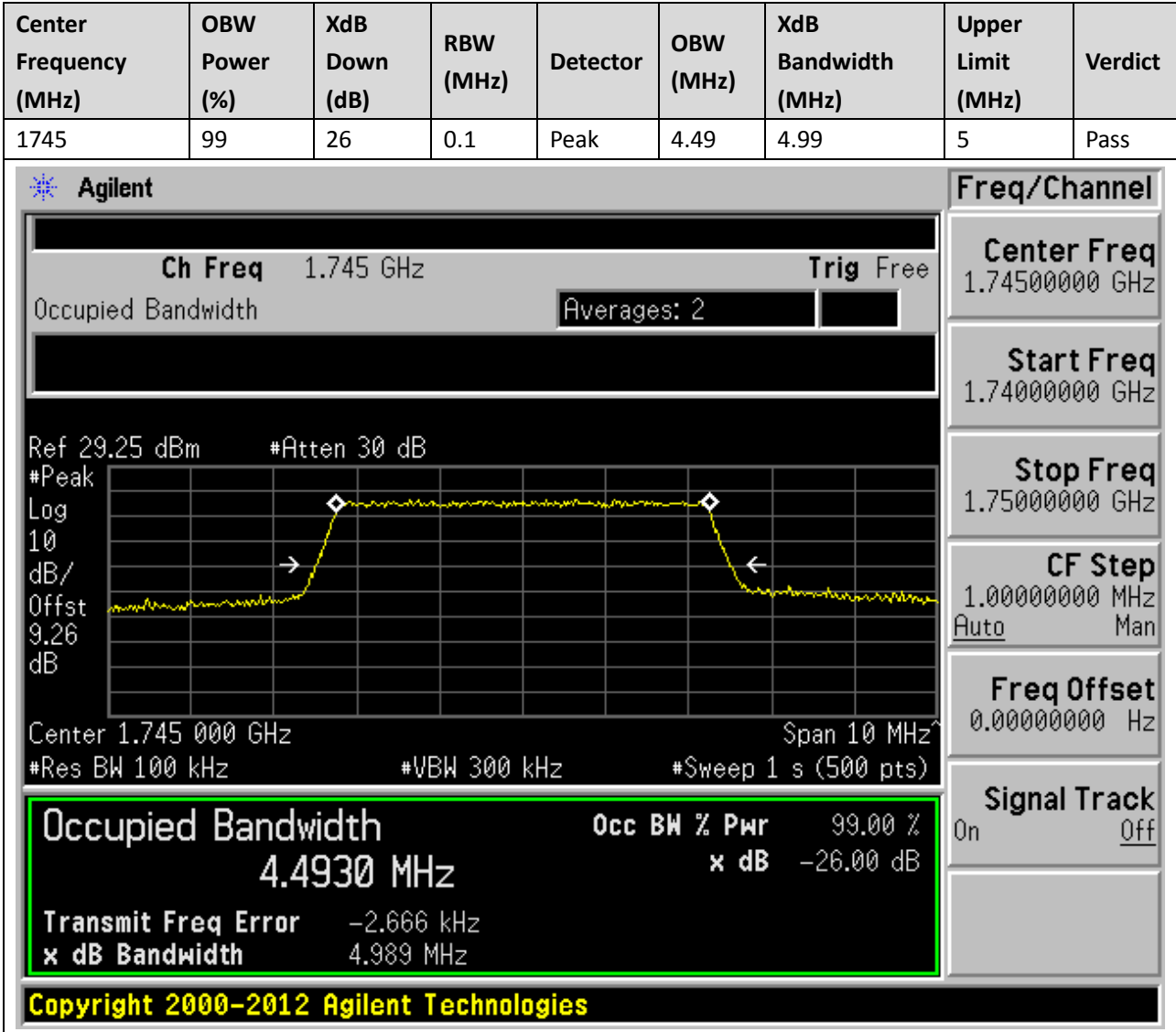
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1712.5	99	26	0.1	Peak	4.5	4.98	5	Pass



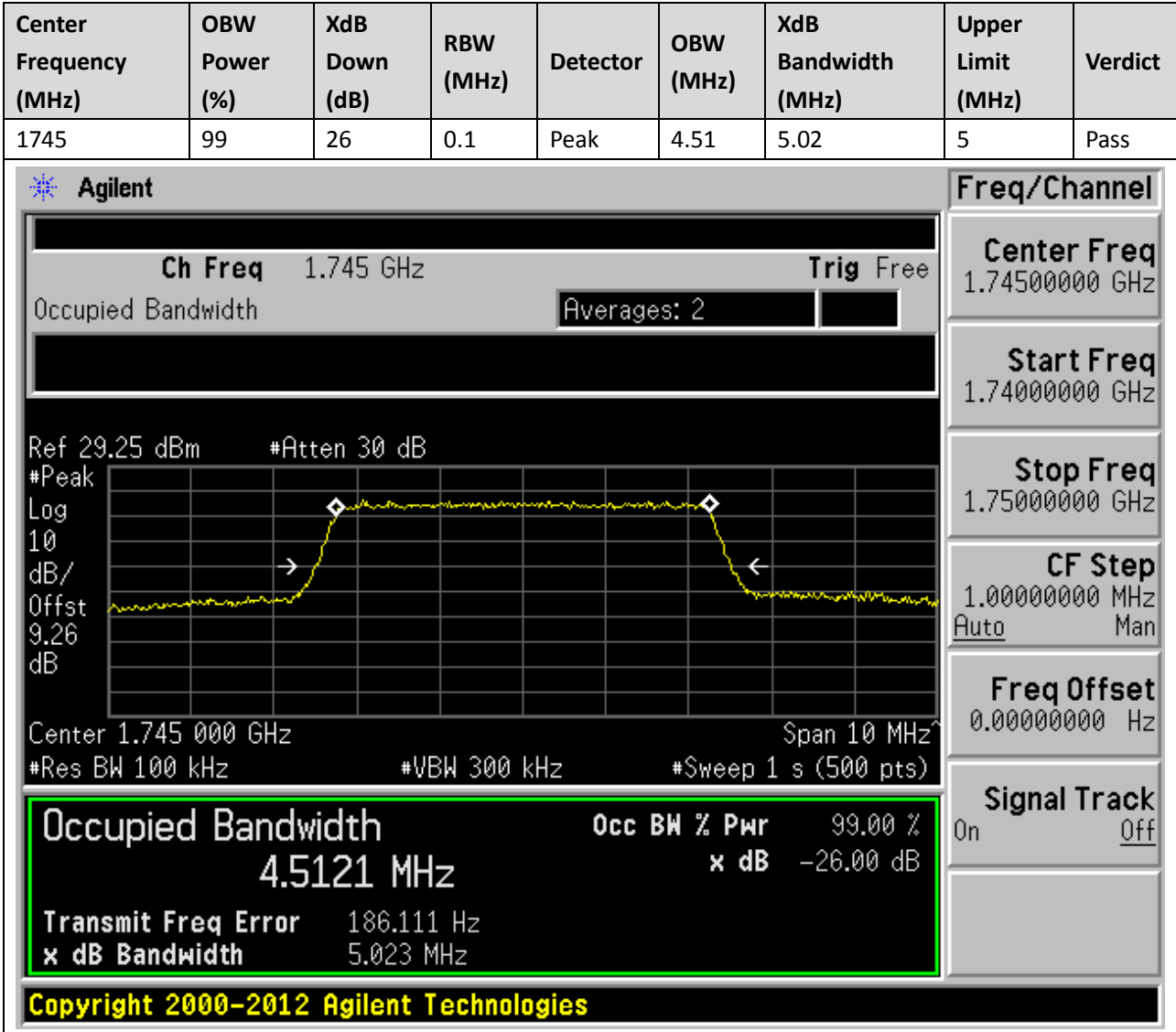
1.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



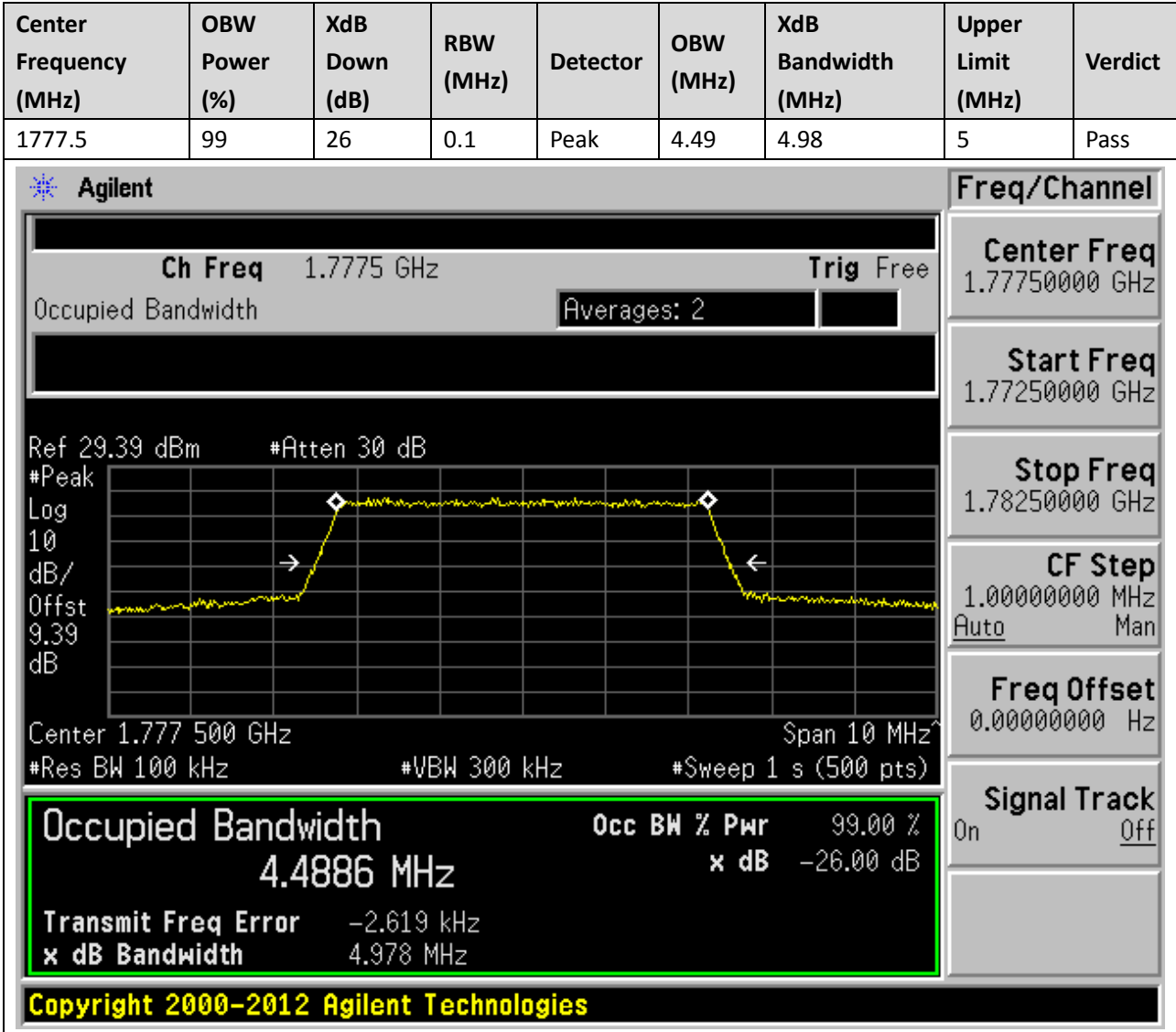
1.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:132322, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



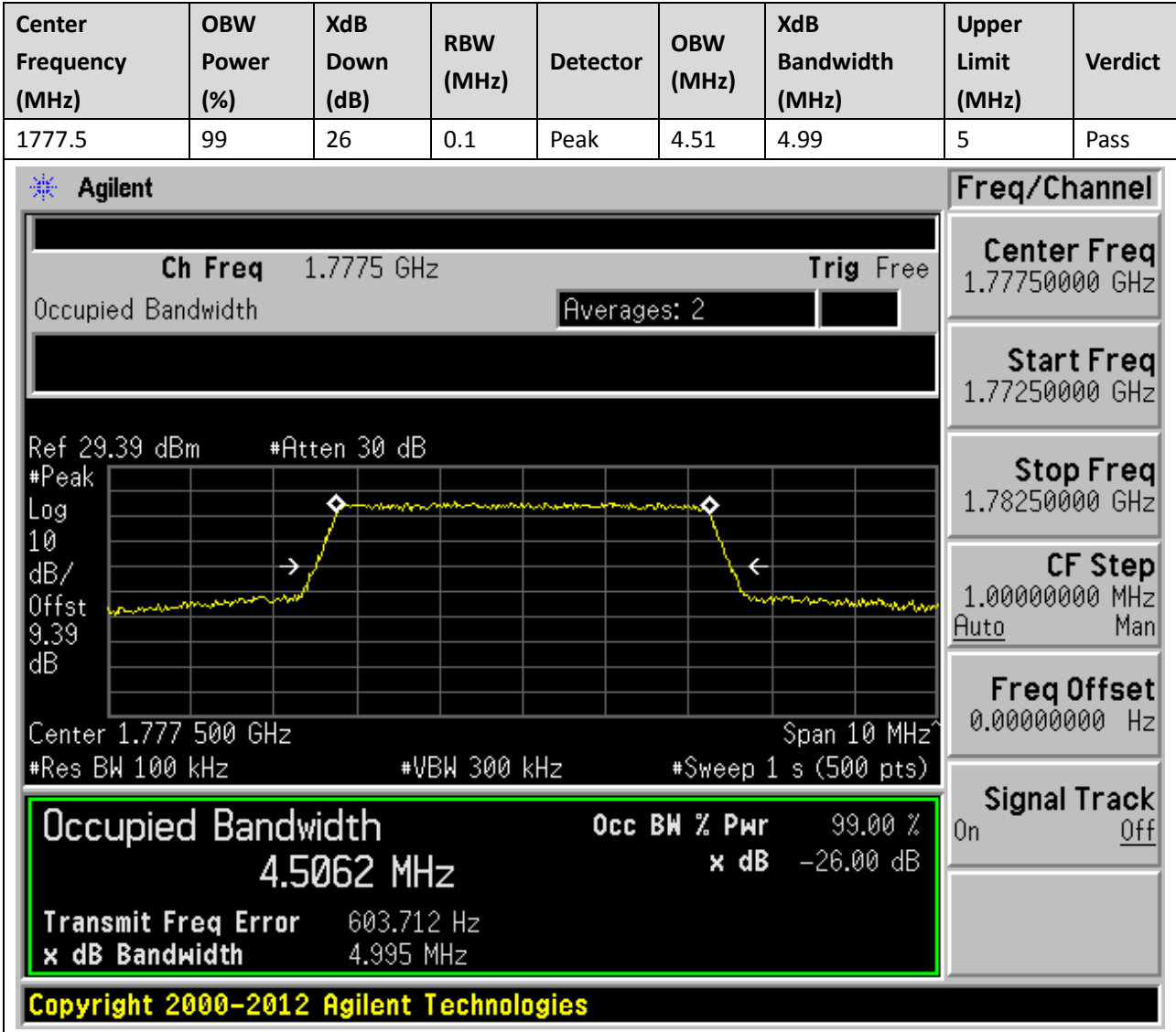
1.4. LTE Occupied Bandwidth(NTNV)(Substest:4, Channel:132322, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



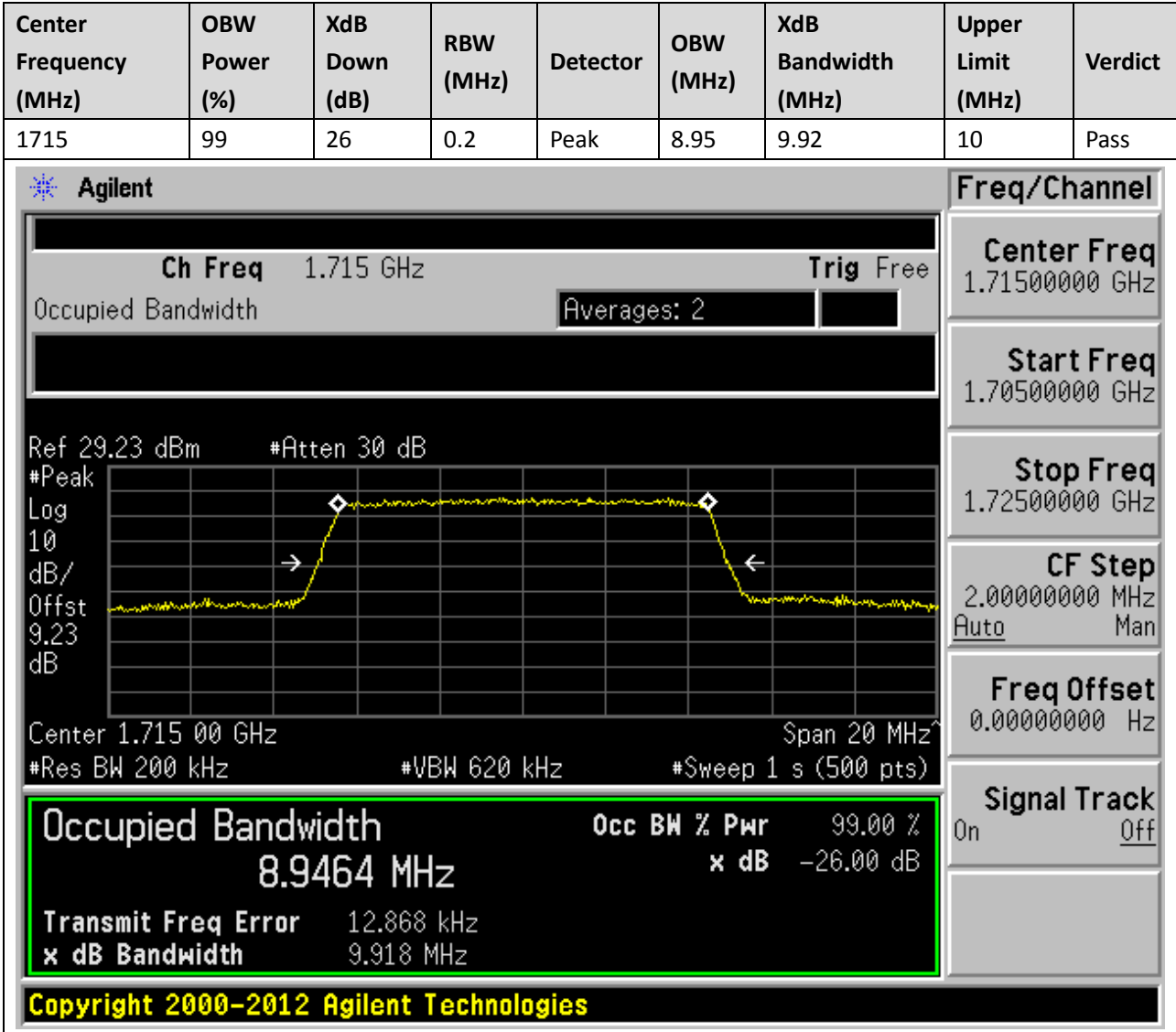
1.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:132647, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



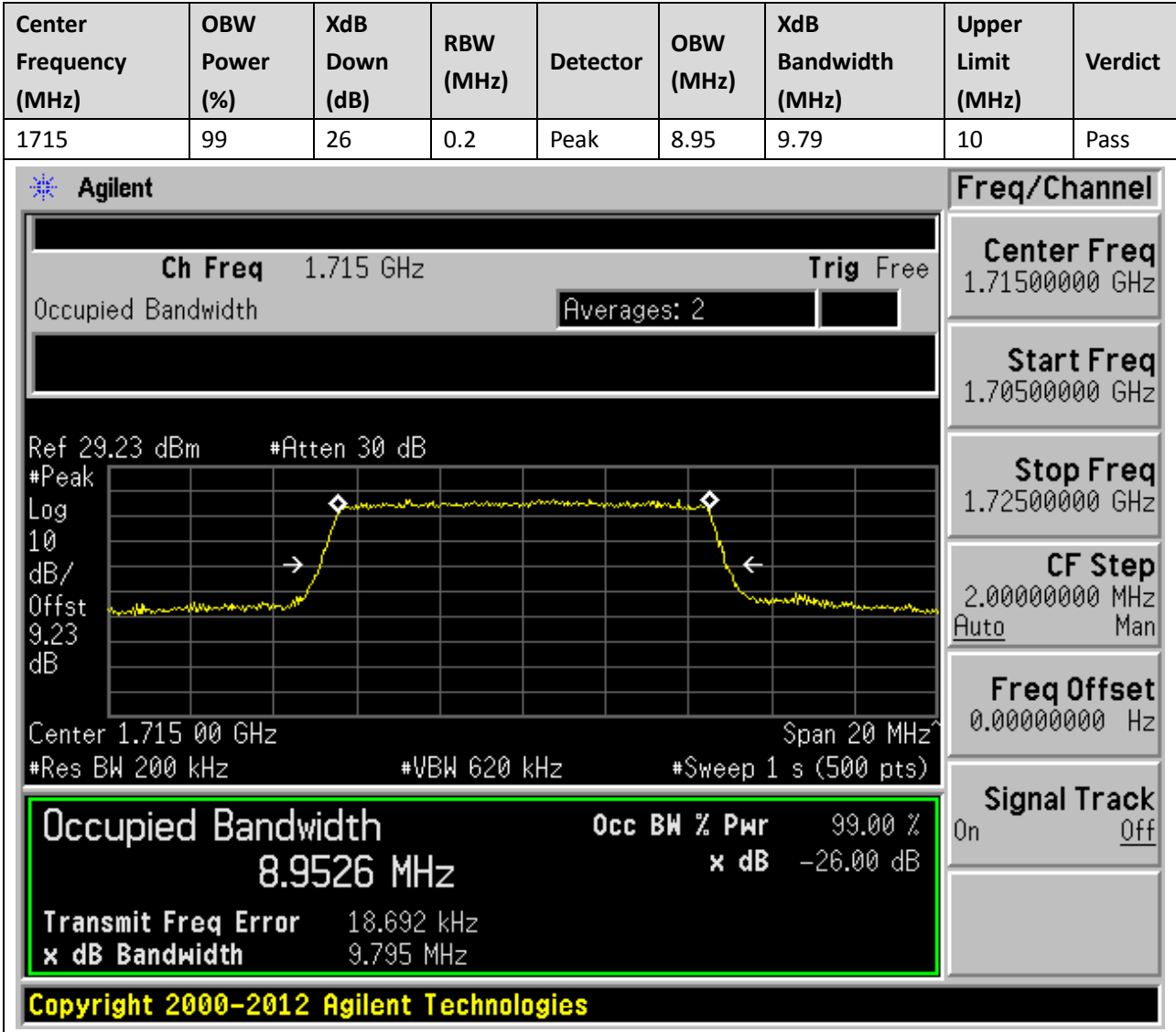
1.6. LTE Occupied Bandwidth(NTNV)(Substest:6, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



1.7. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

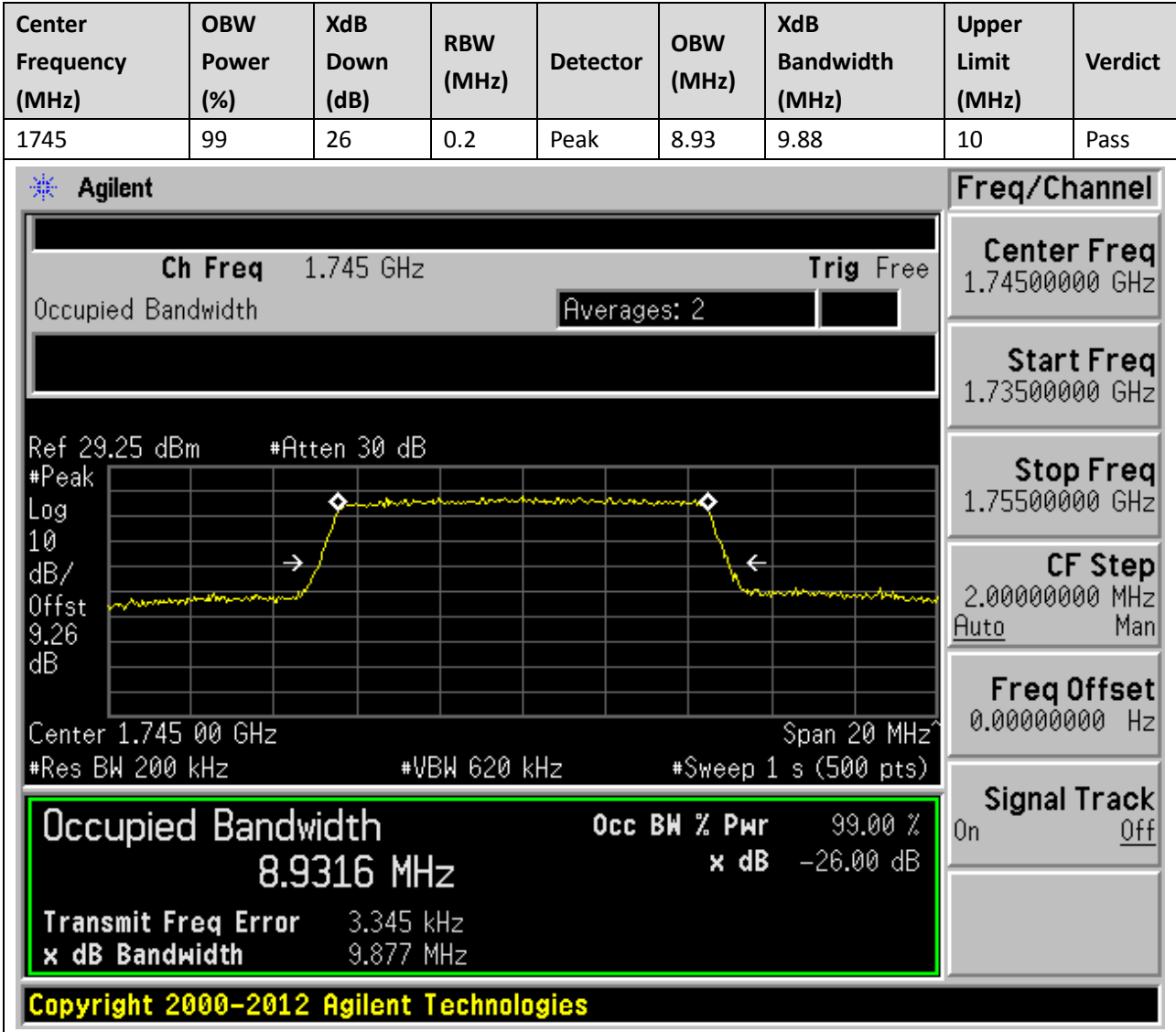


1.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

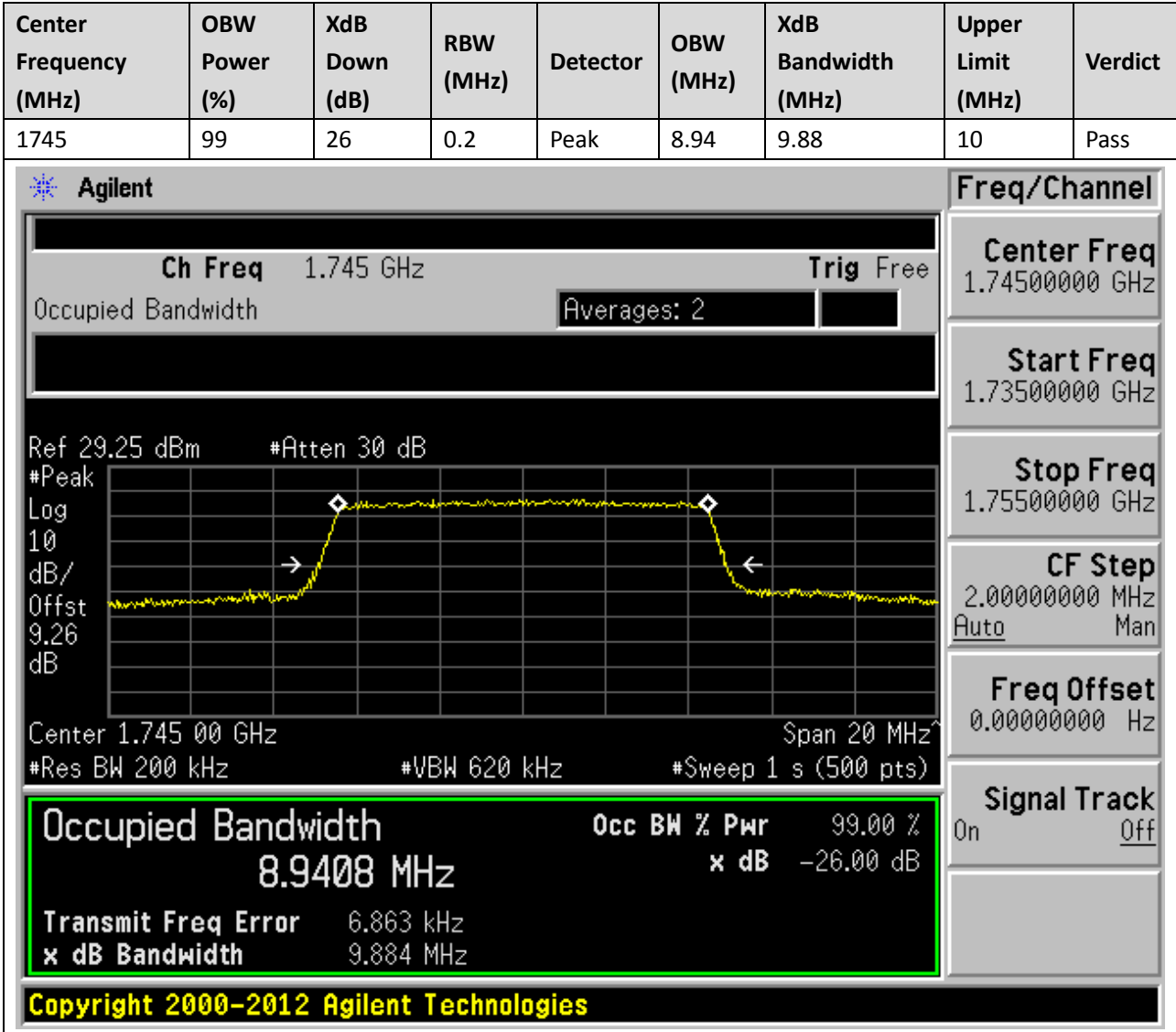




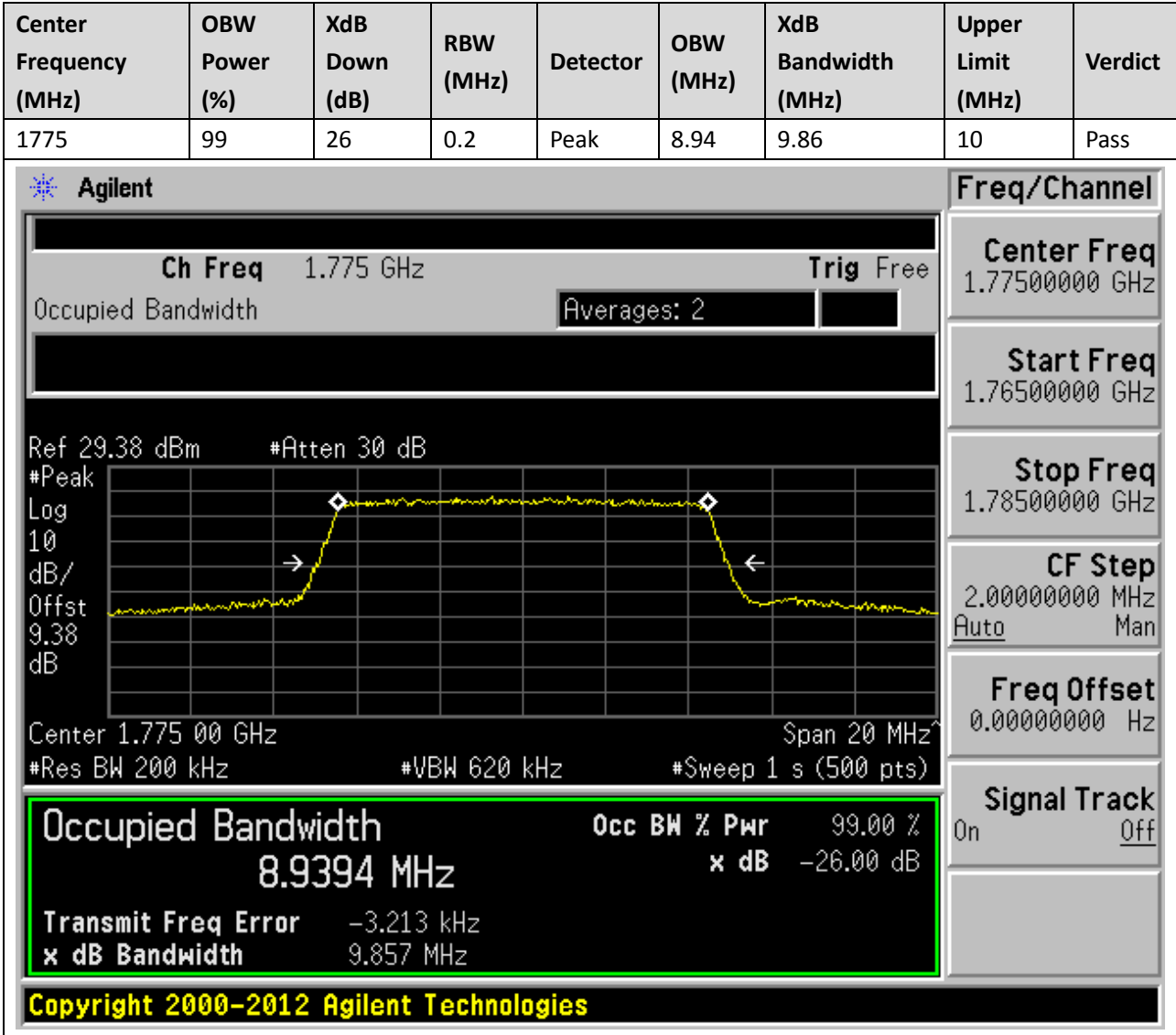
1.9. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:132322, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



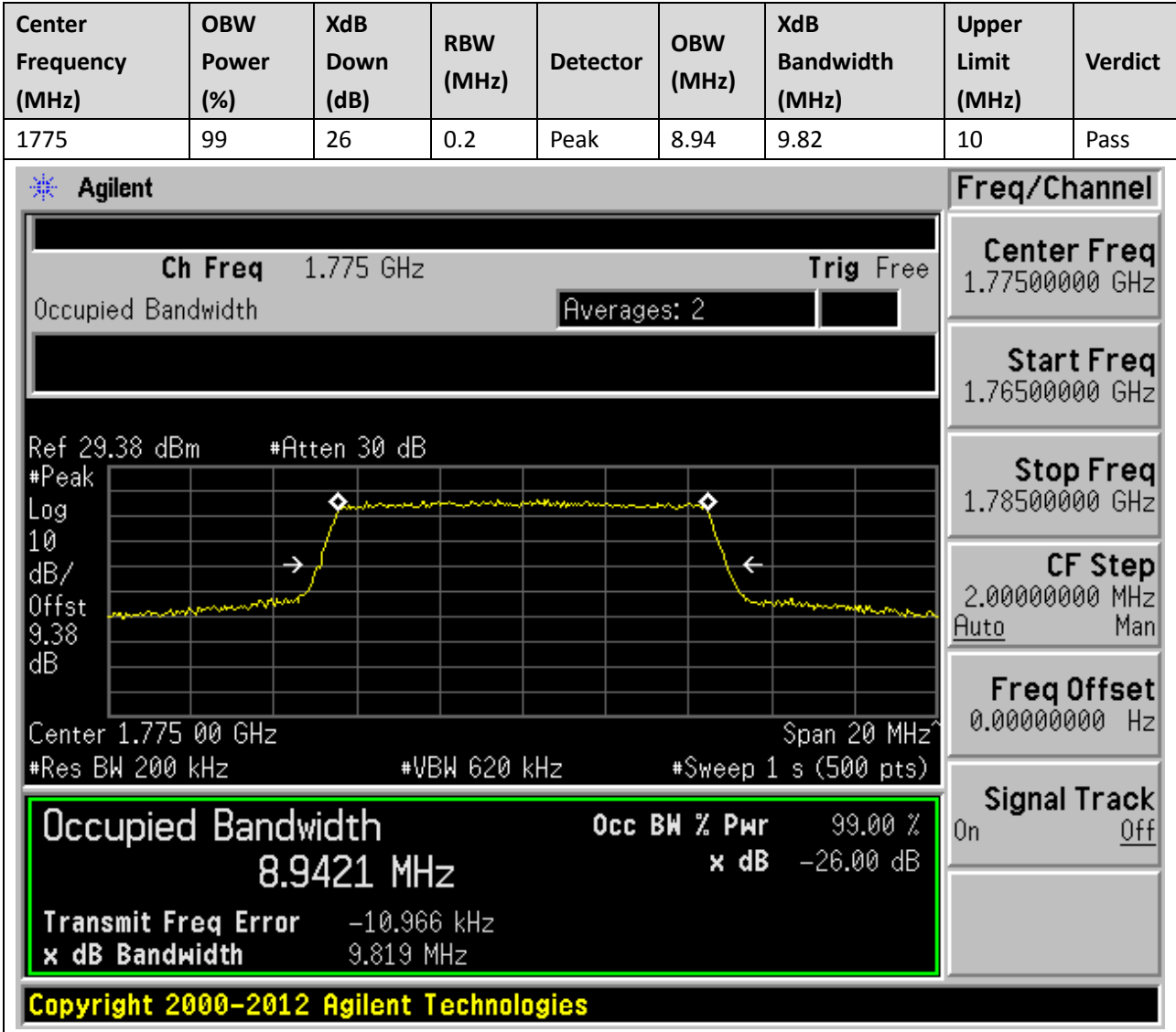
1.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:132322, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



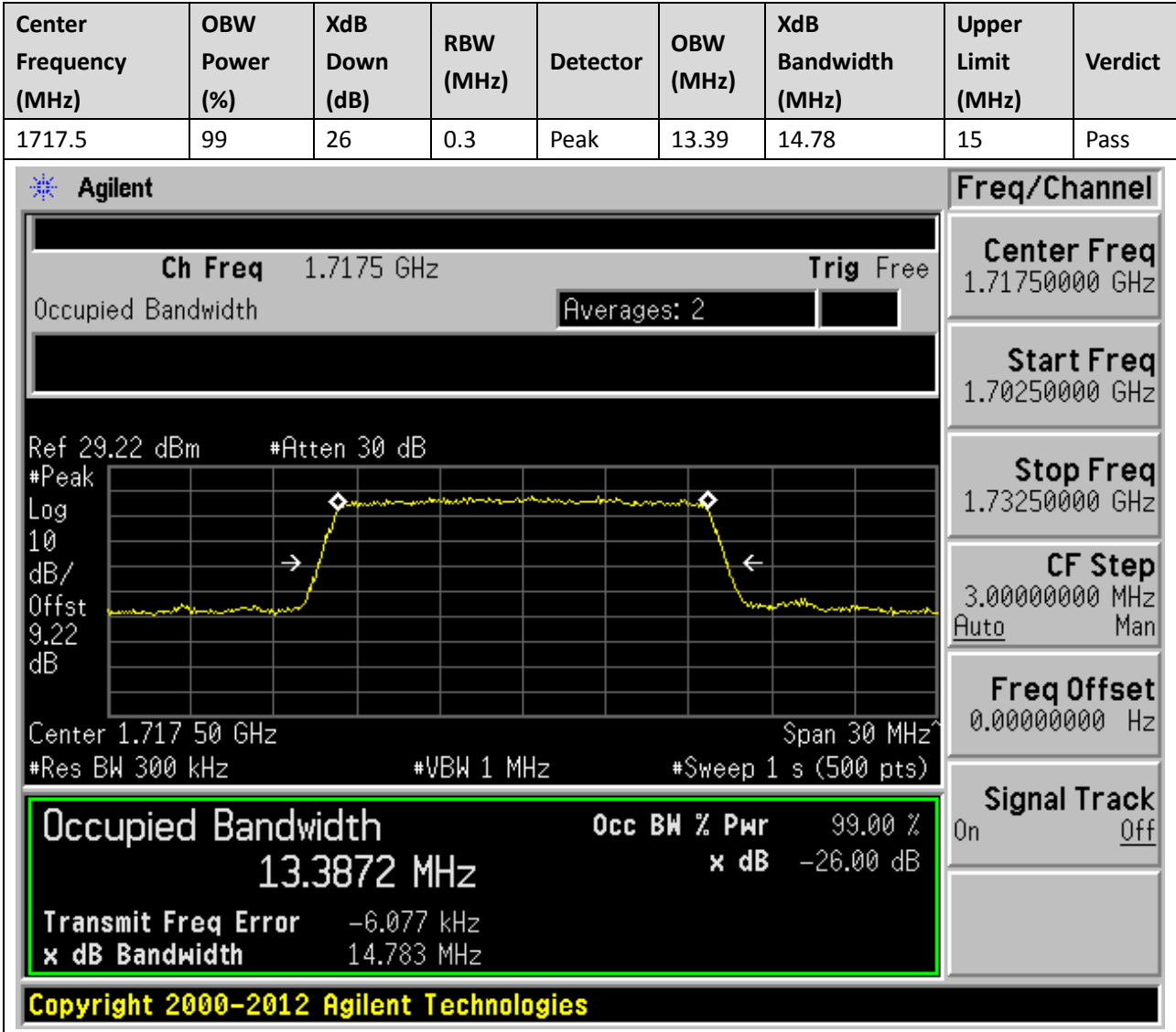
1.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



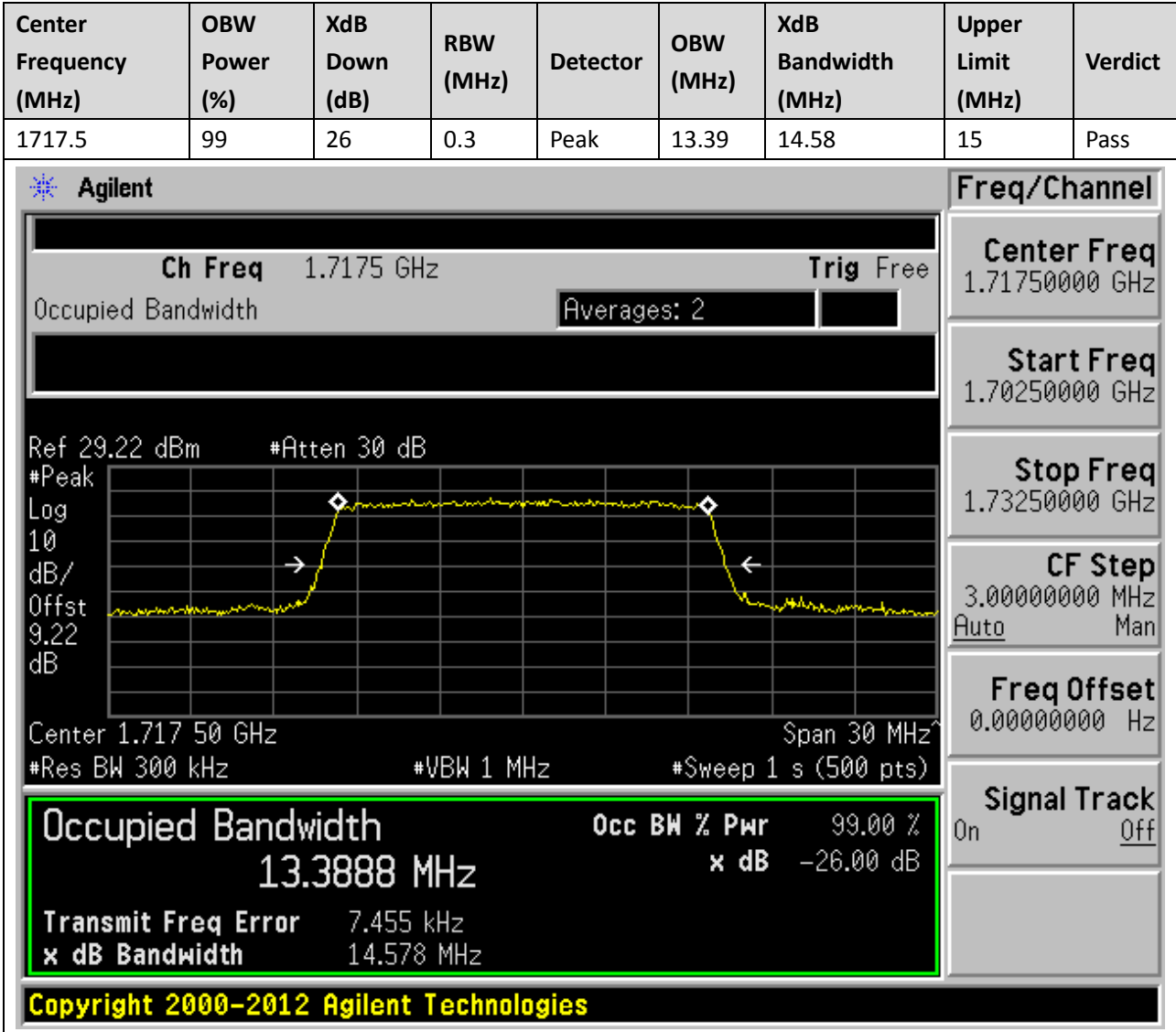
1.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



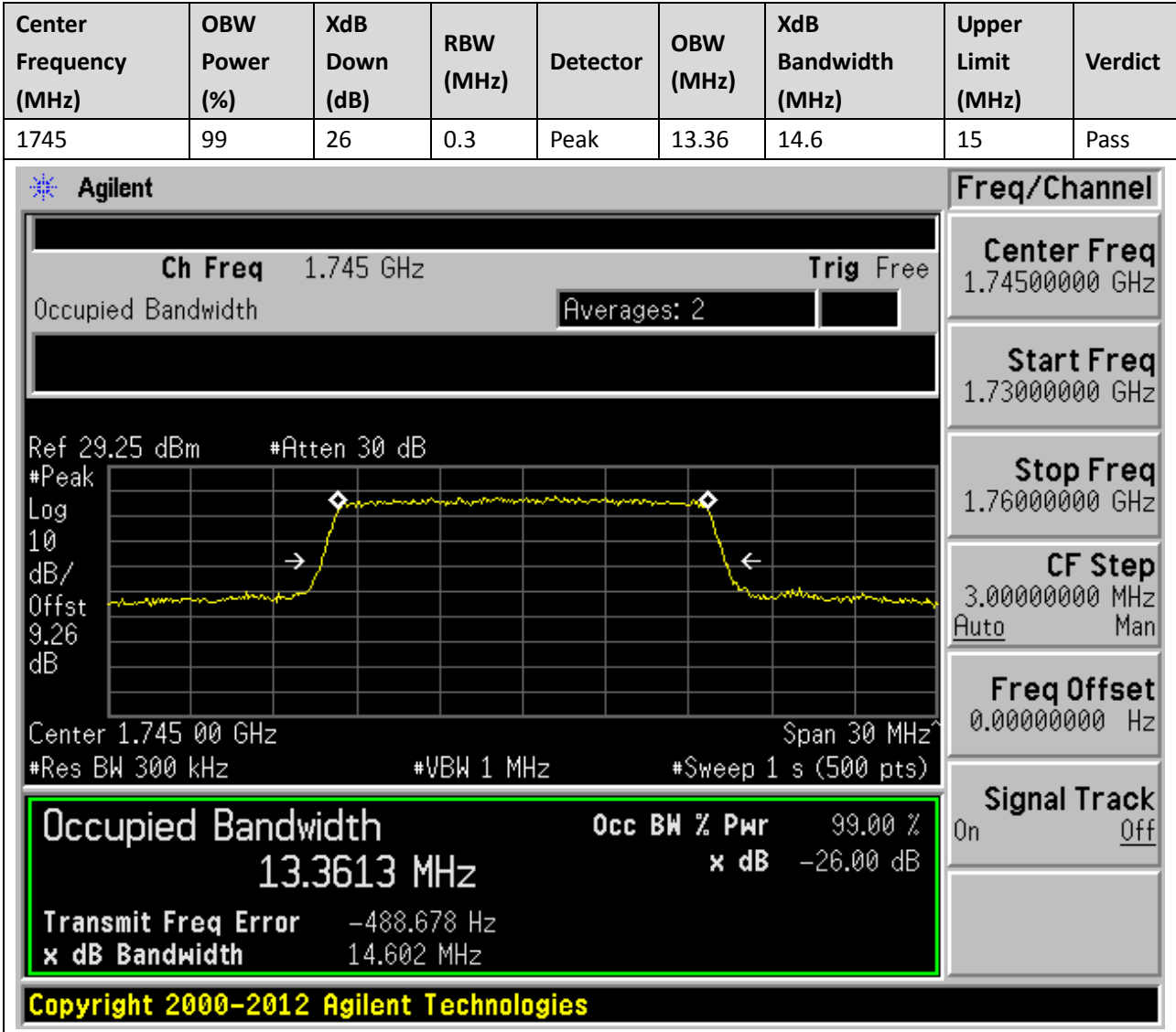
1.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



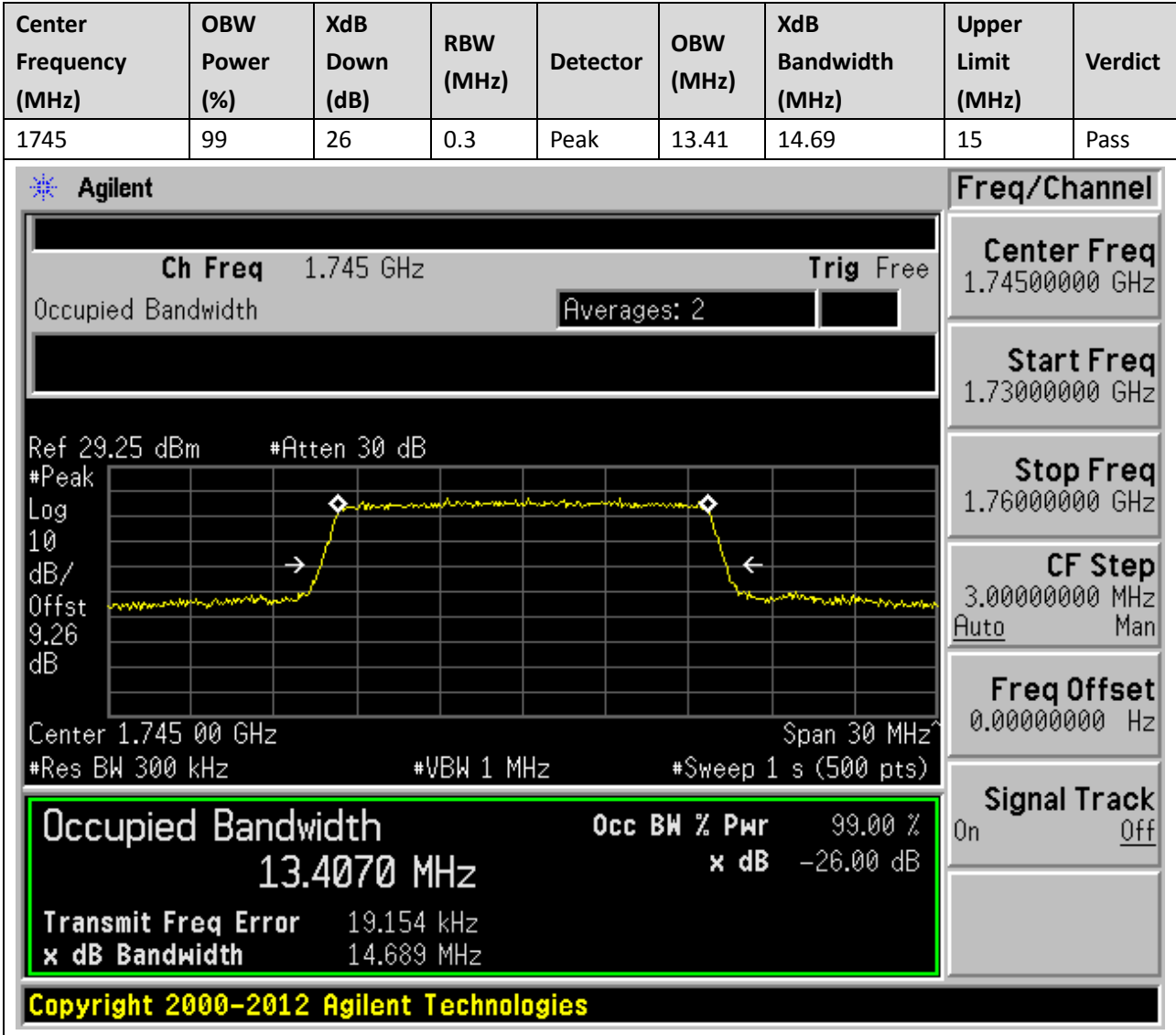
1.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



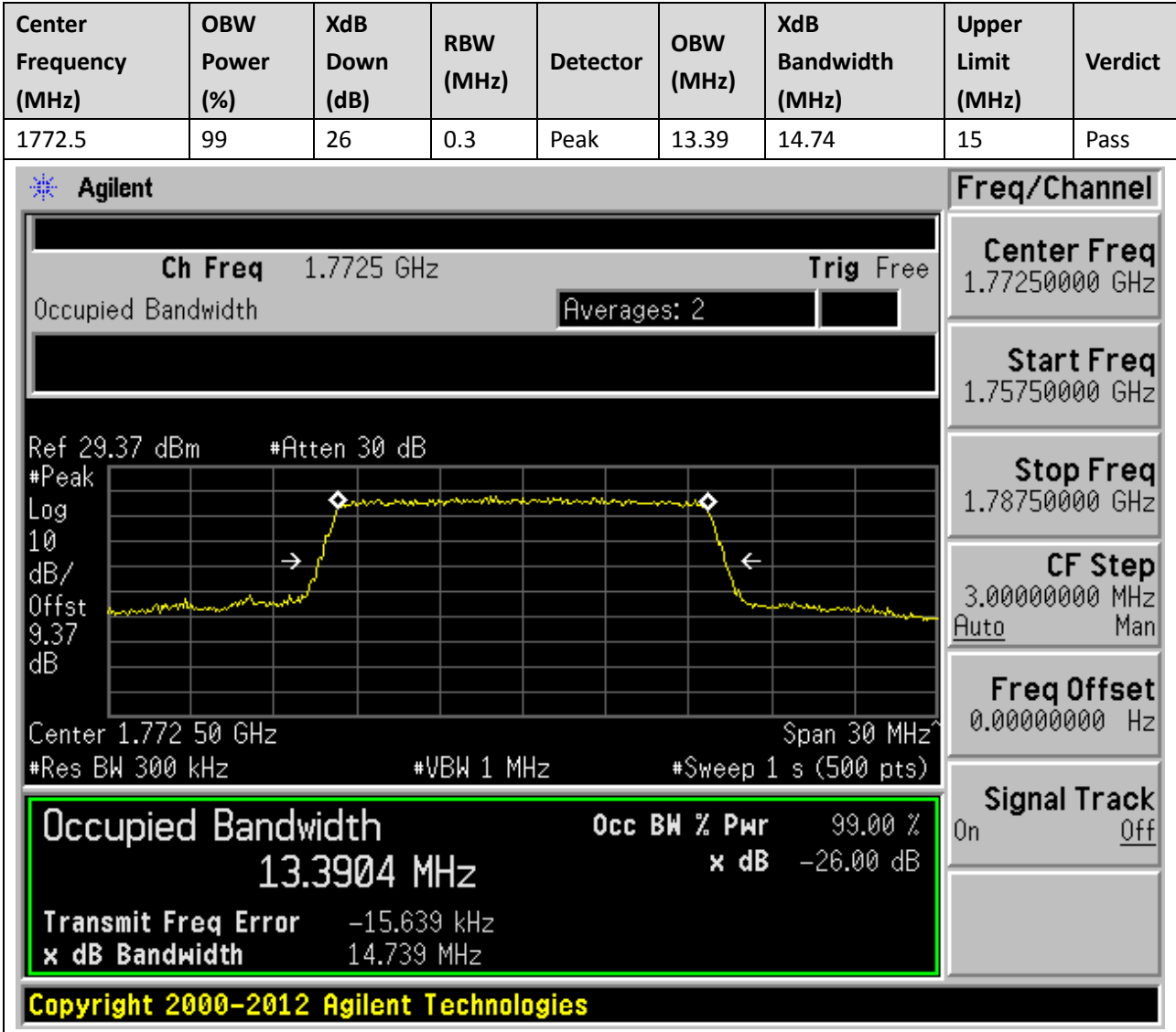
1.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:132322, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



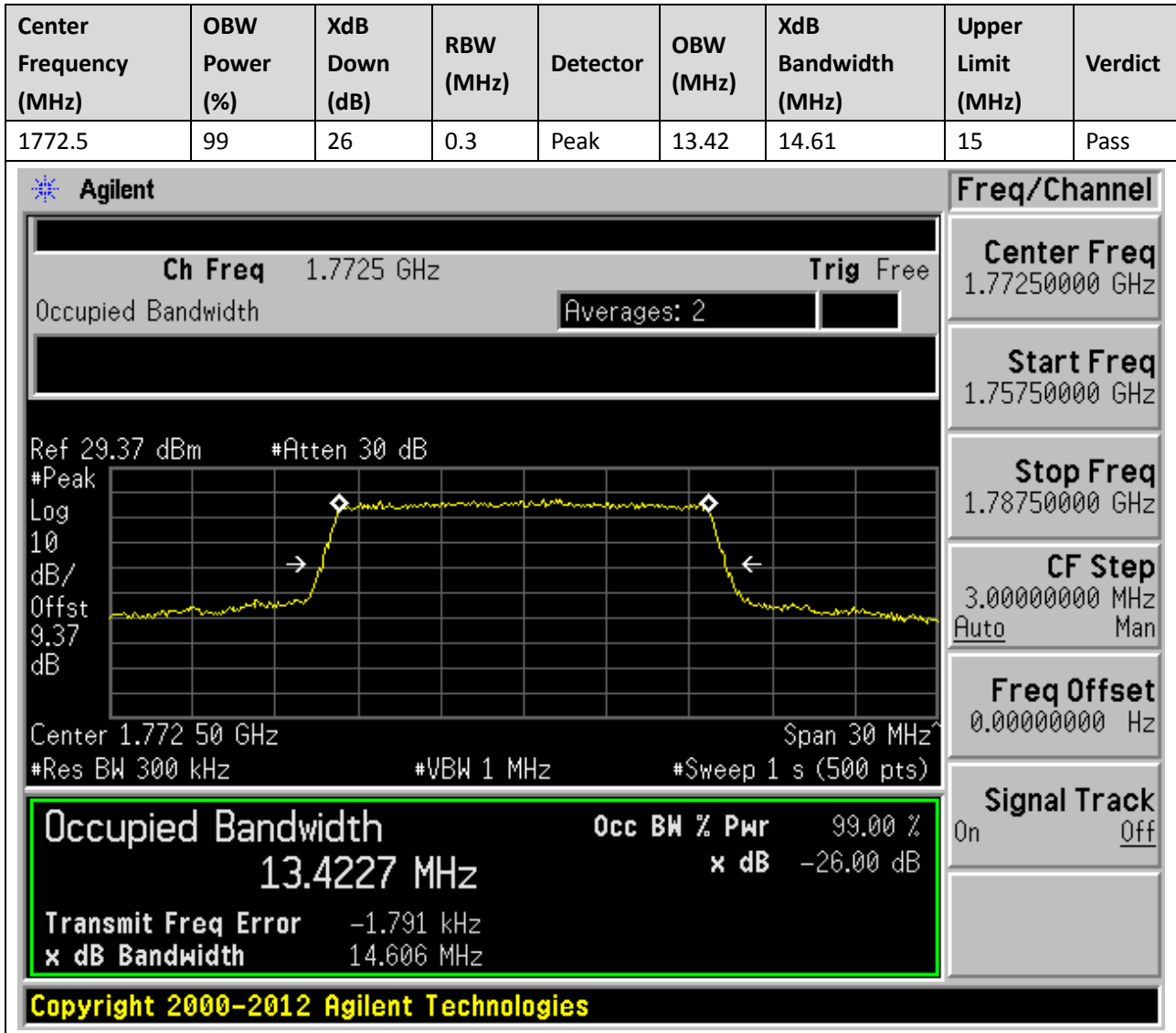
1.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:132322, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



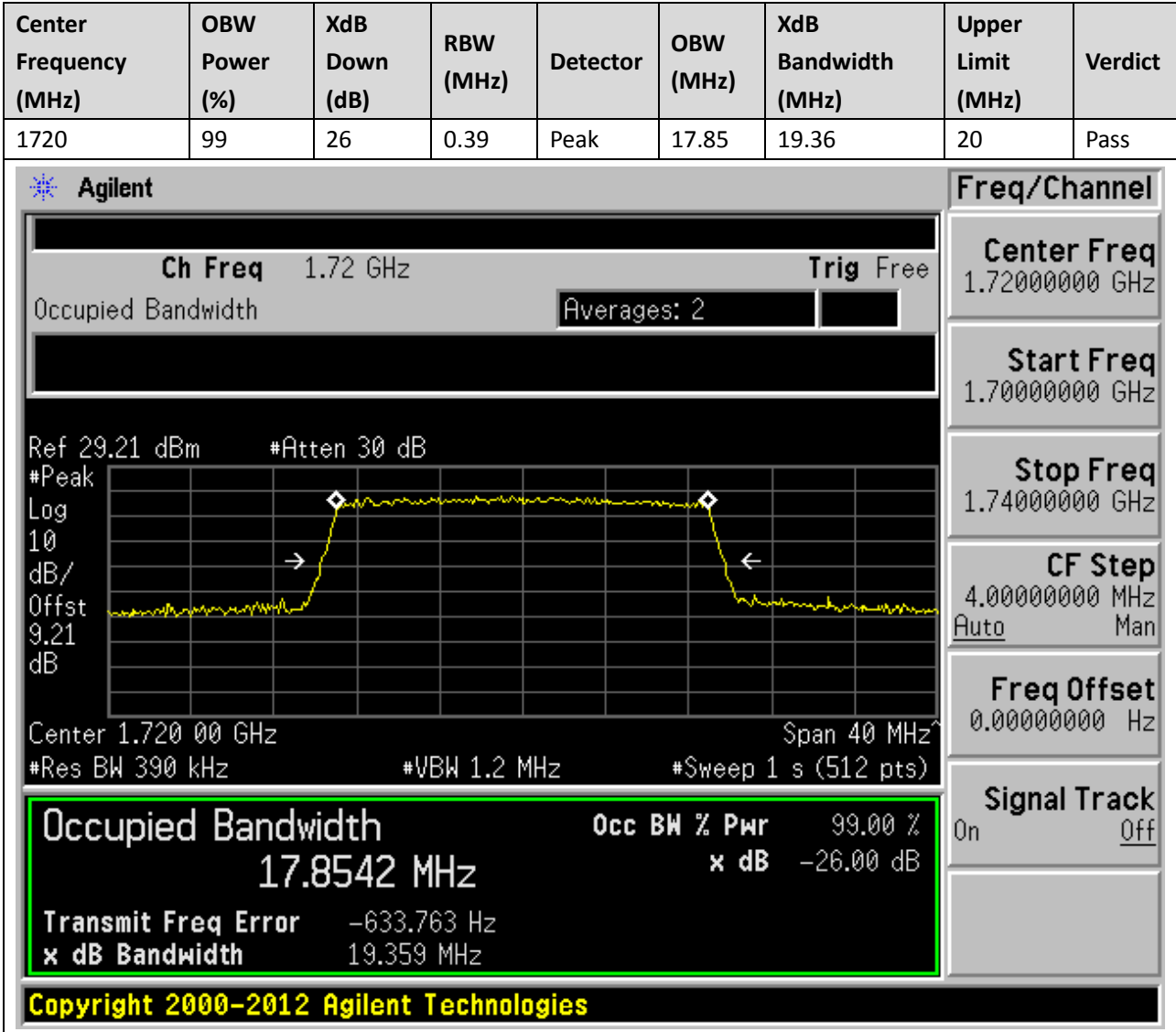
1.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



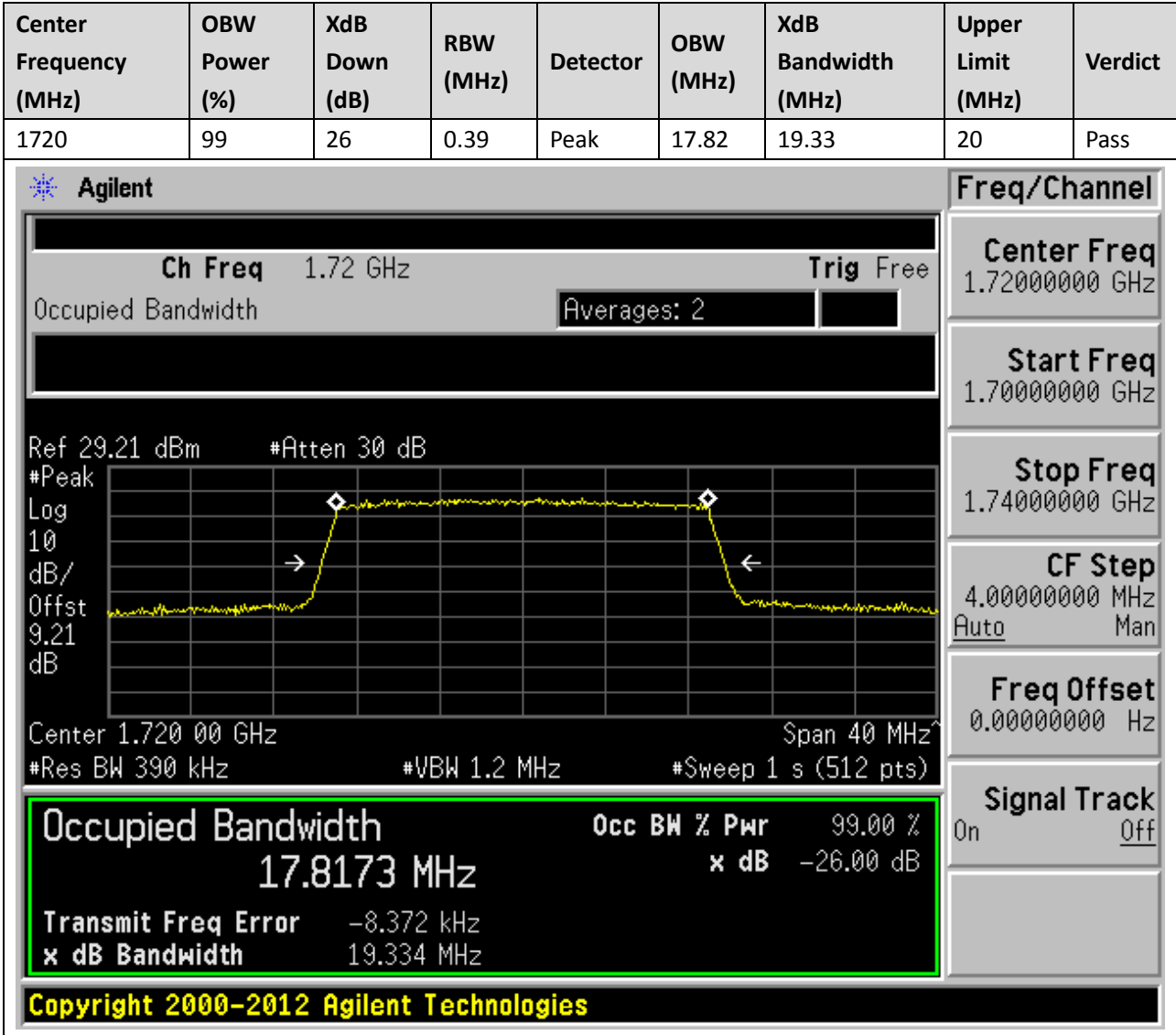
1.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



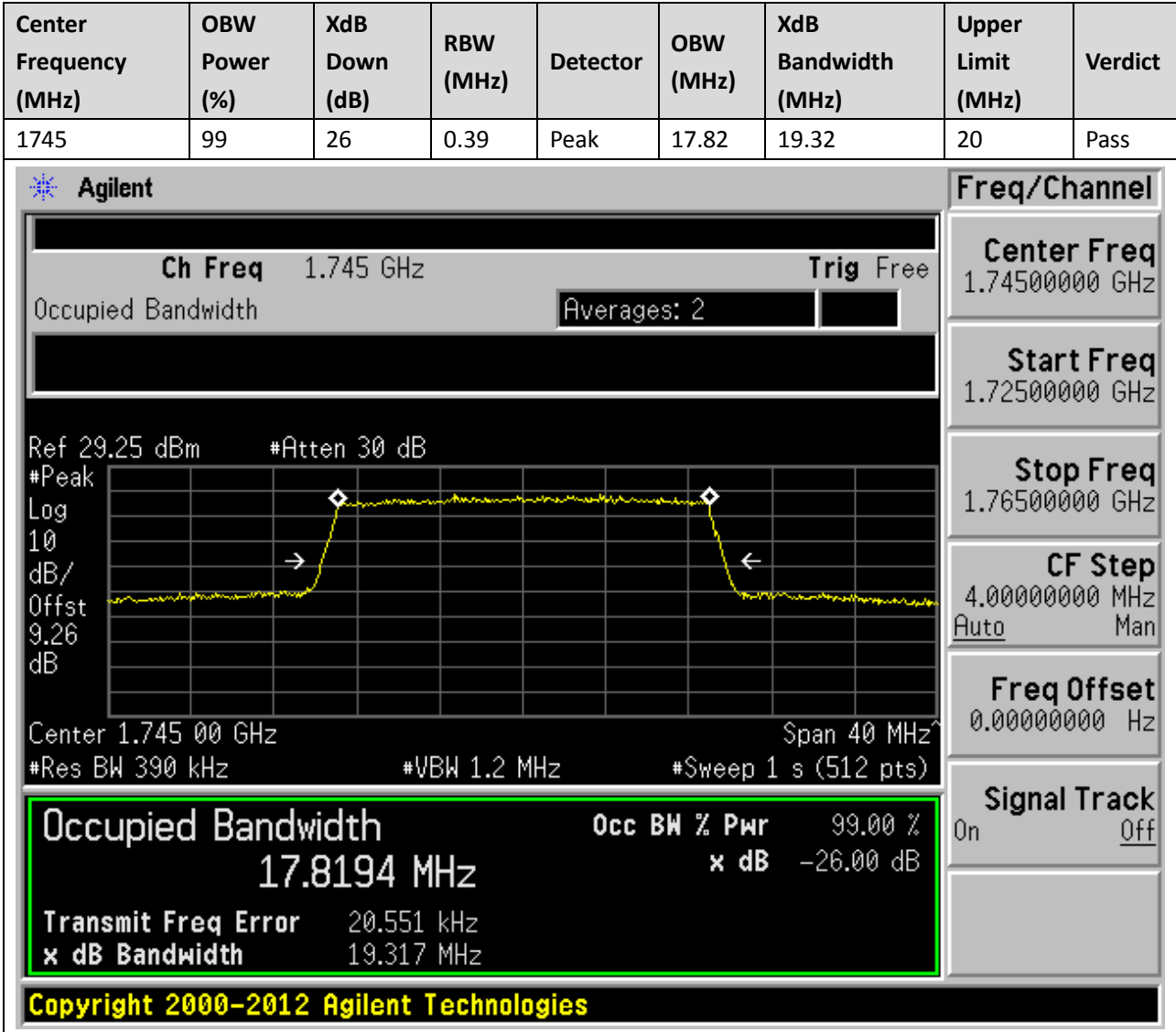
1.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



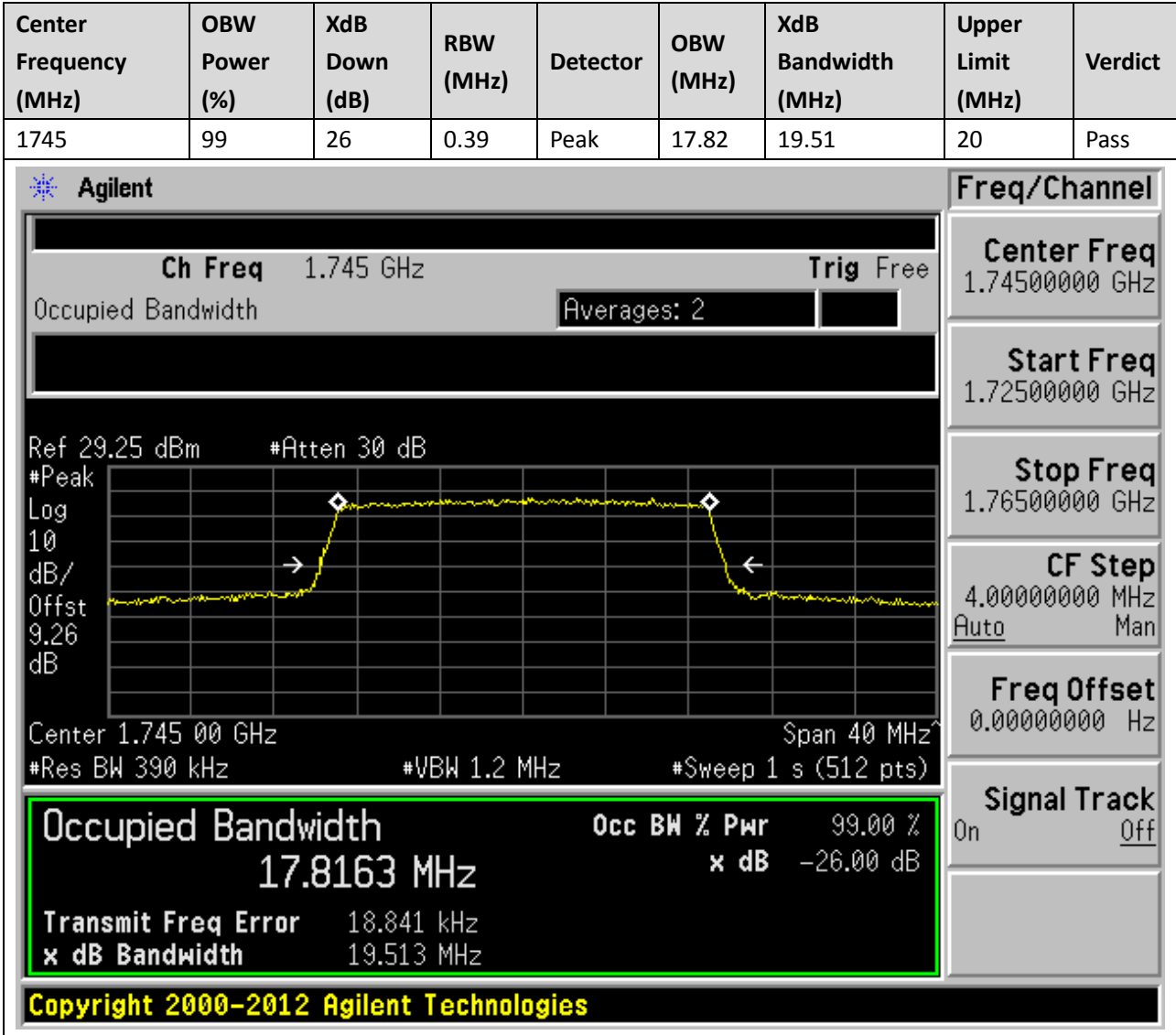
1.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



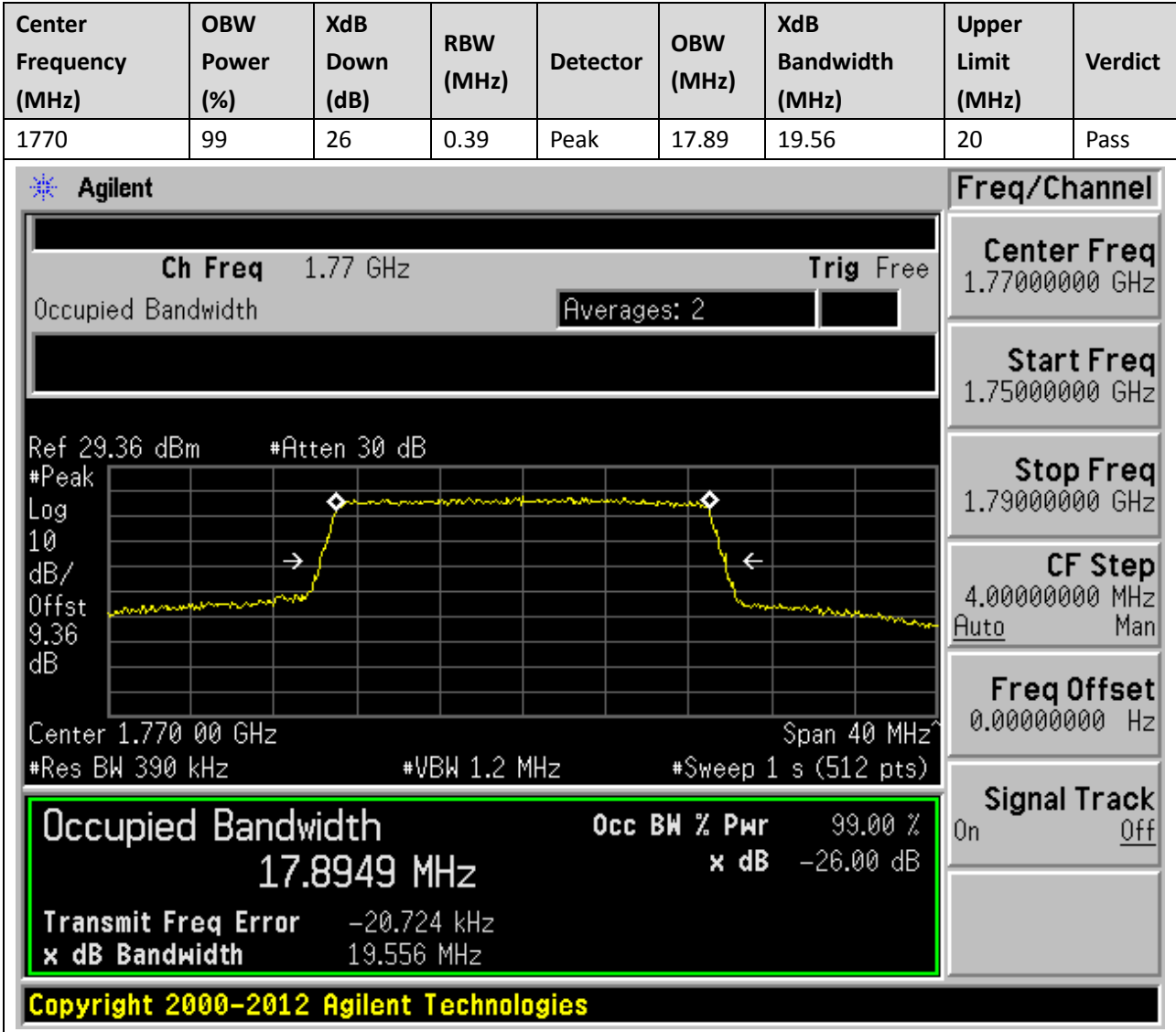
1.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



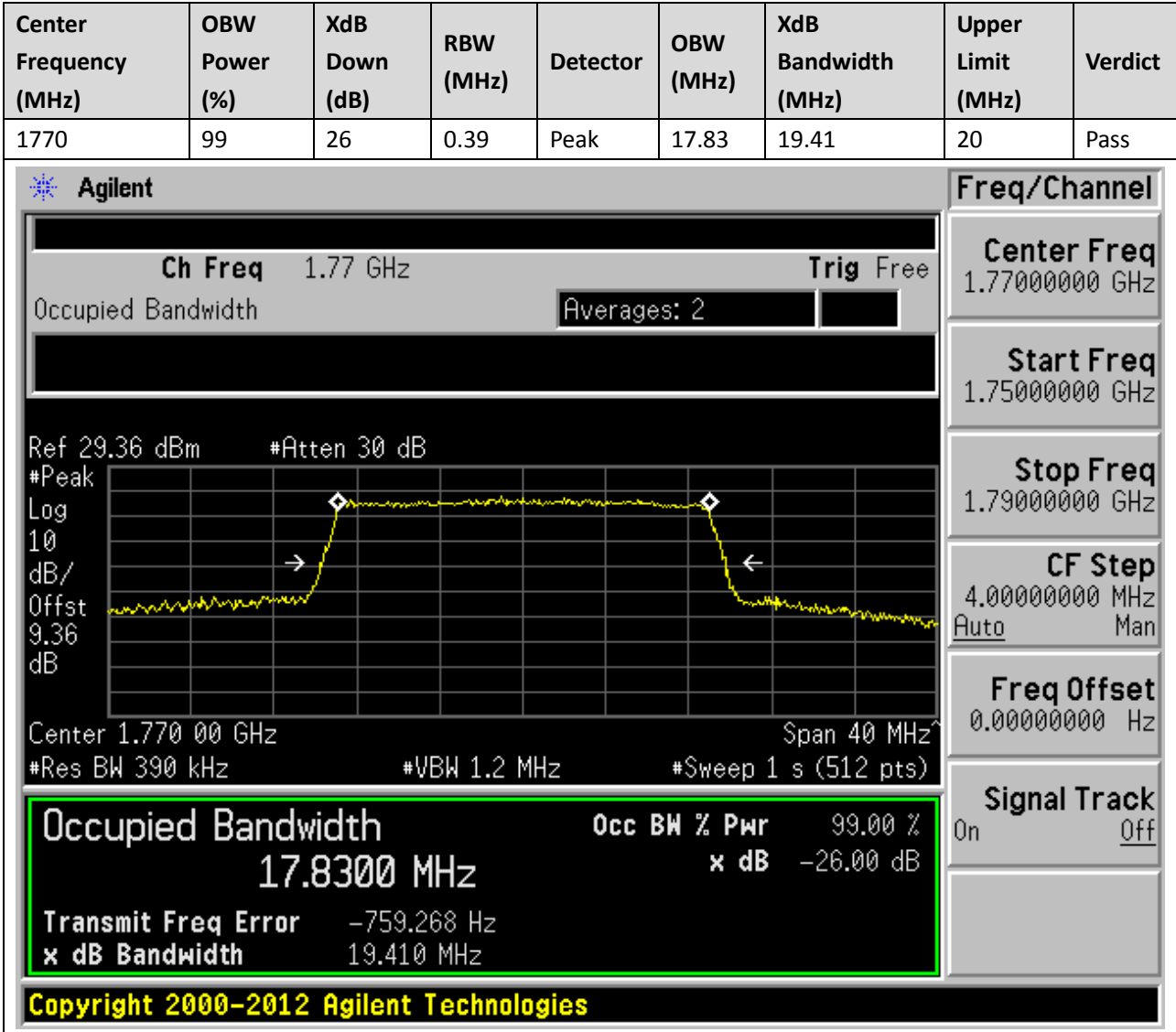
1.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



1.23. LTE Occupied Bandwidth(NTNV)(Subtest:23, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



1.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

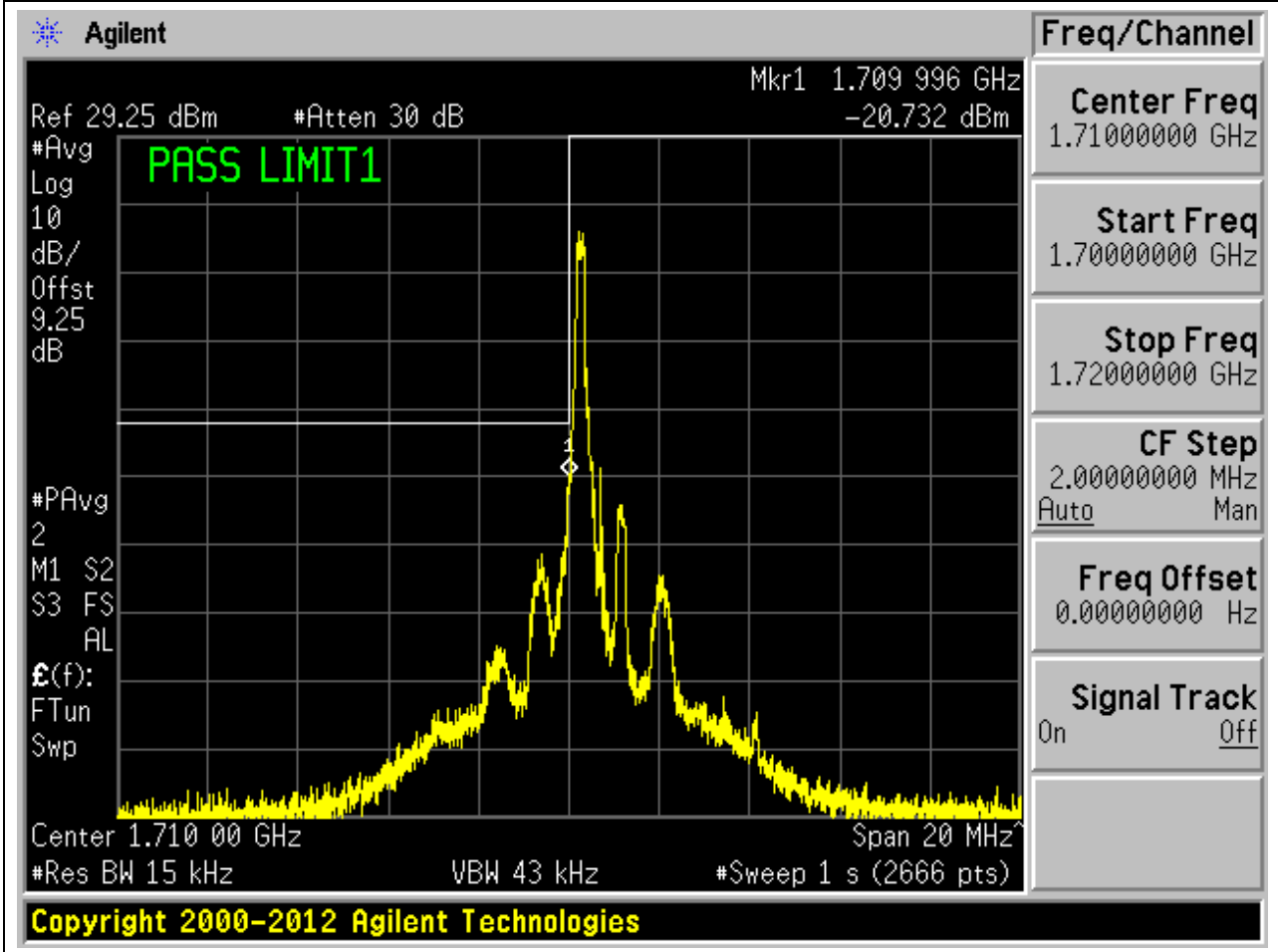


Appendix D: Band Edge

Test Result

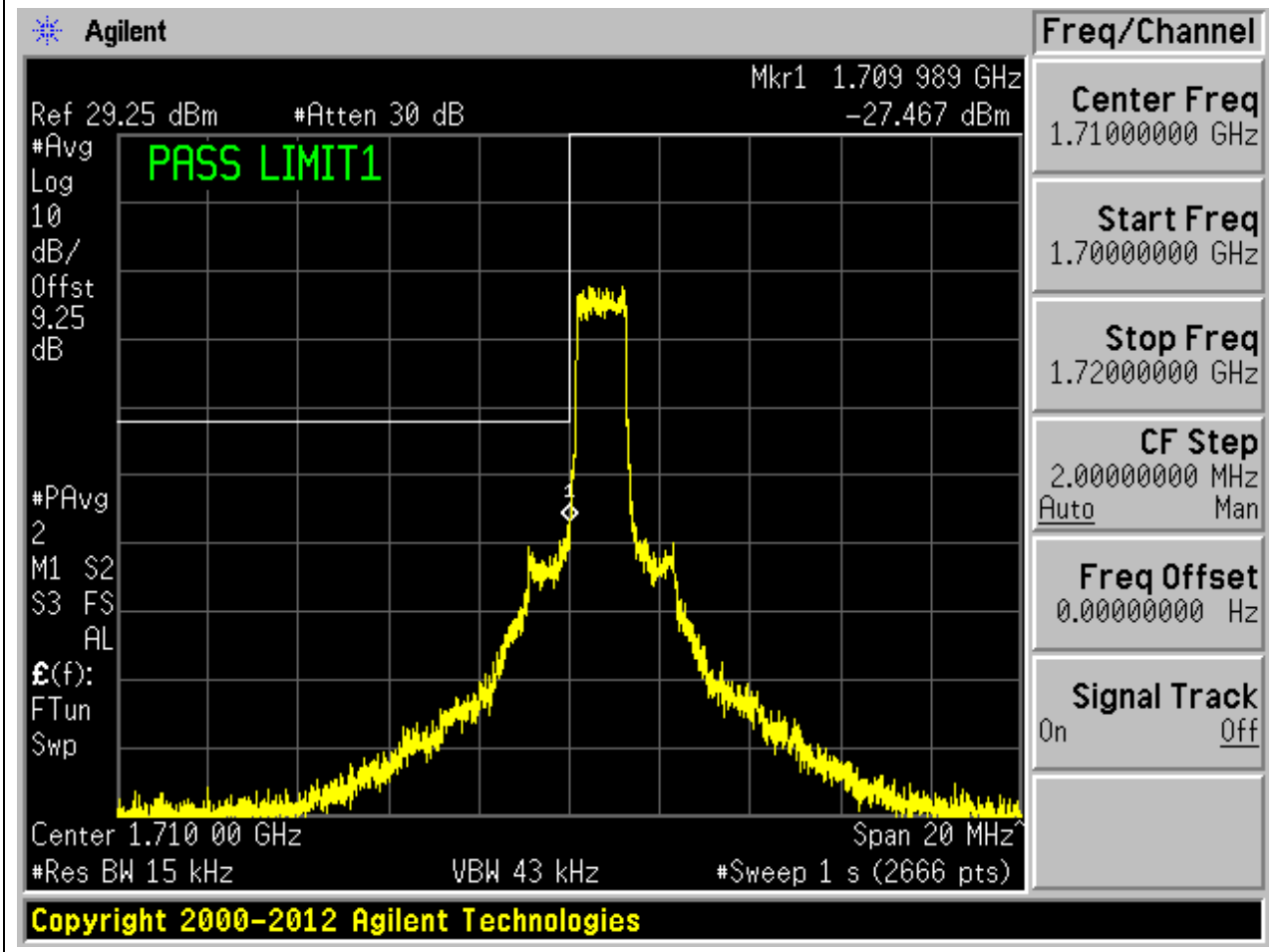
1.1. LTE Band Edge(NTNV)(Subtest:1, Channel:131979, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.015	RMS	1709.996	-20.73	Pass	2666



1.2. LTE Band Edge(NTNV)(Subtest:2, Channel:131979, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.015	RMS	1709.989	-27.47	Pass	2666



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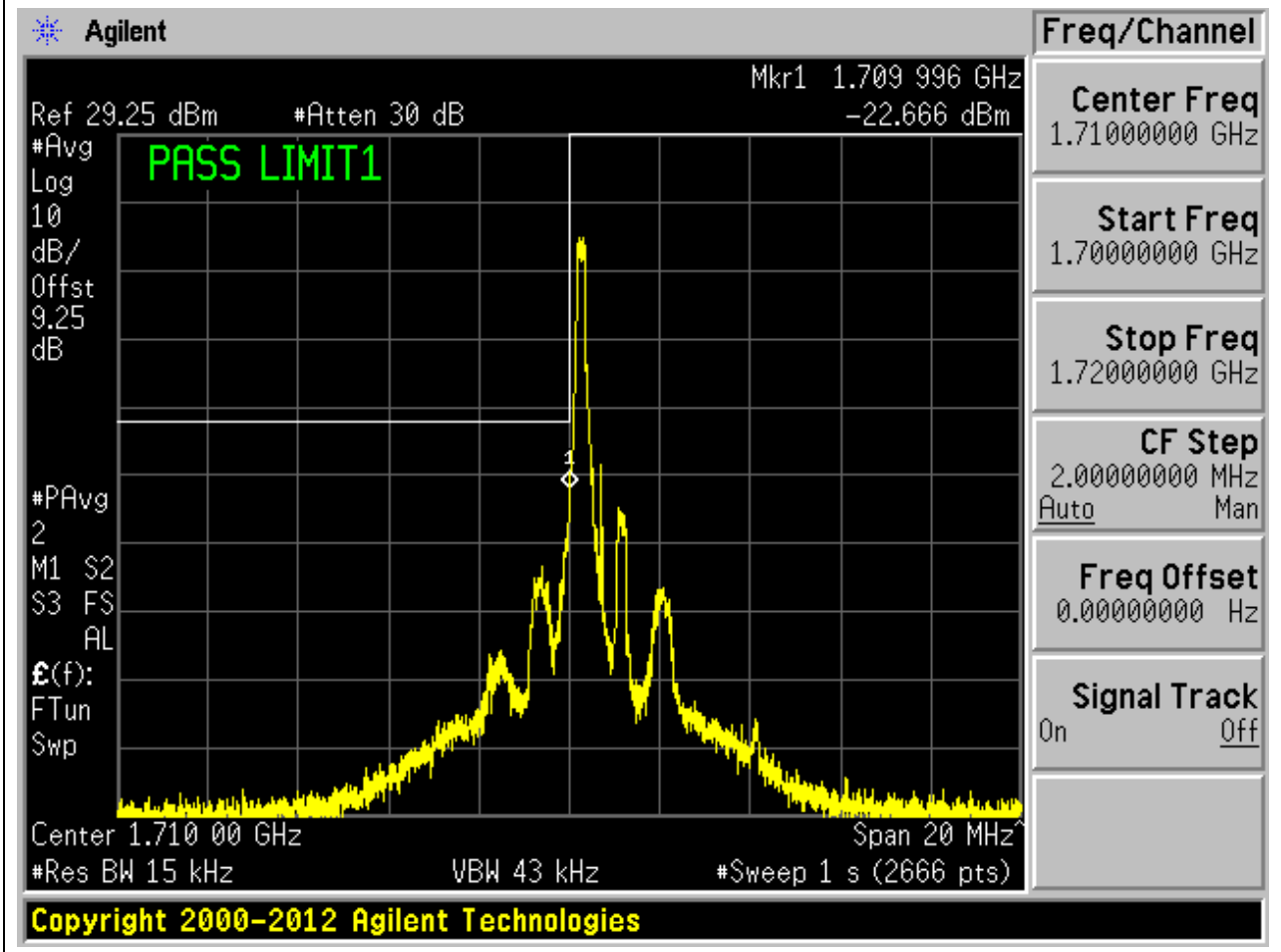
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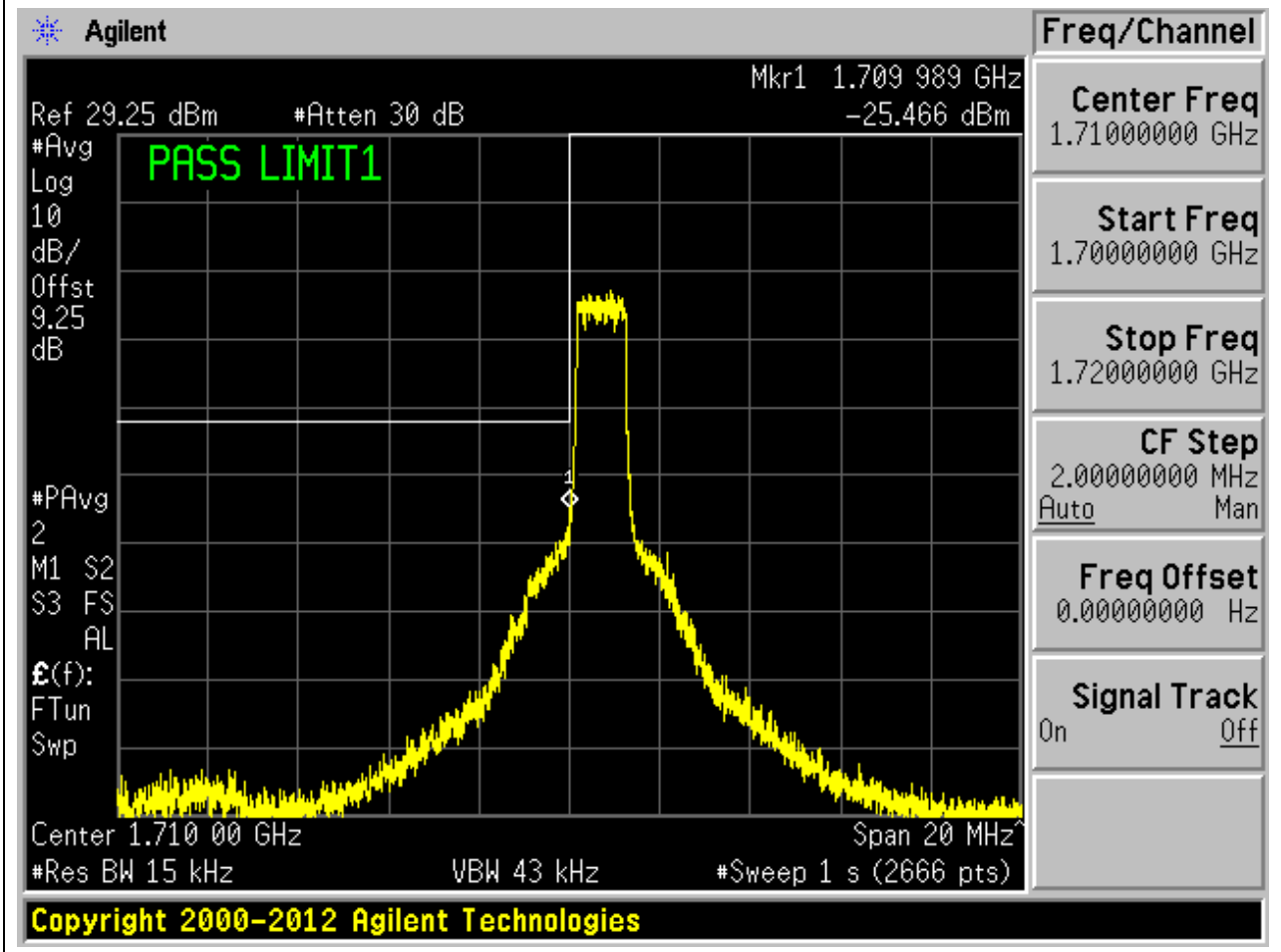
1.3. LTE Band Edge(NTNV)(Subtest:3, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.015	RMS	1709.996	-22.67	Pass	2666



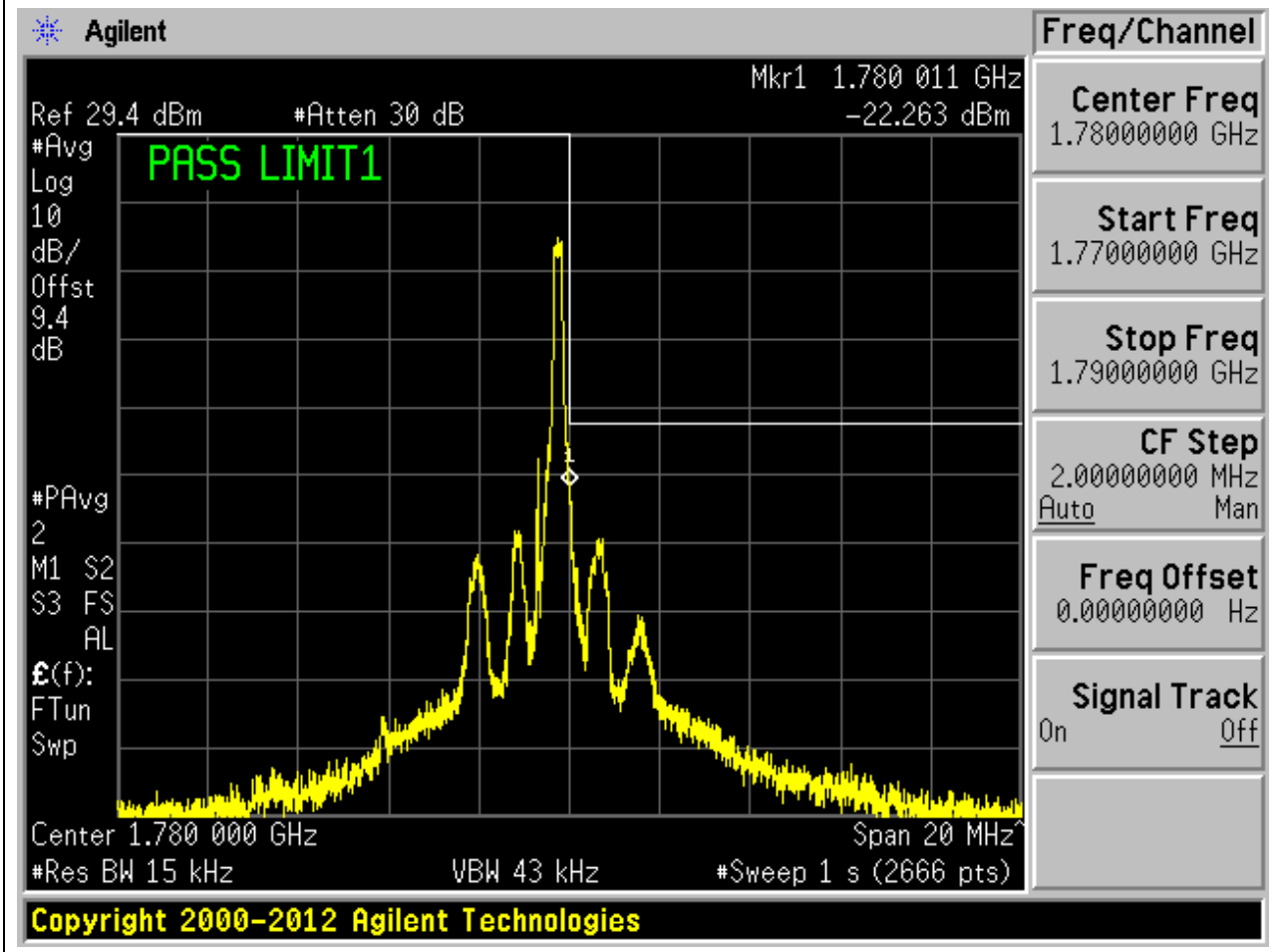
1.4. LTE Band Edge(NTNV)(Subtest:4, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.015	RMS	1709.989	-25.47	Pass	2666



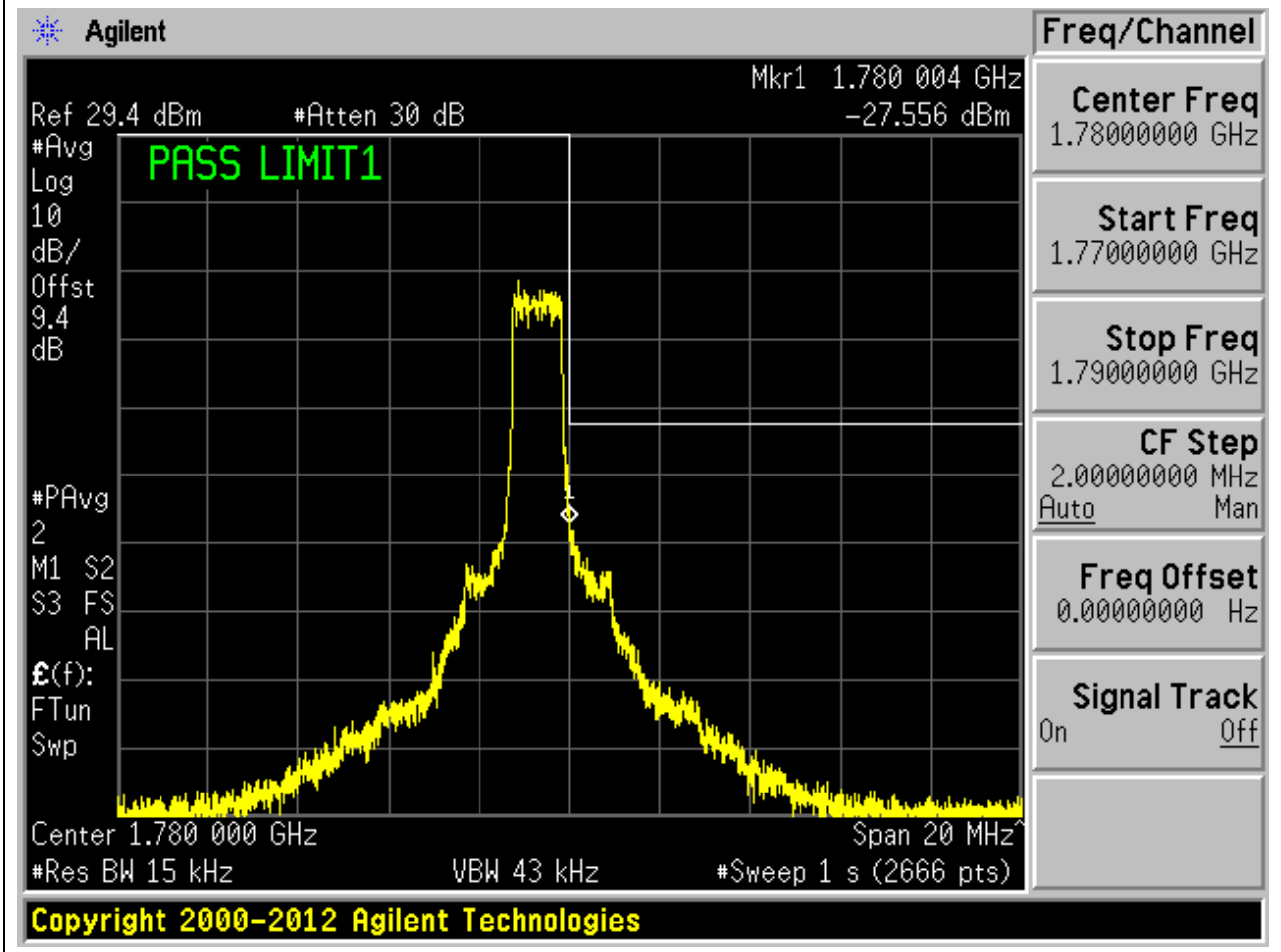
1.5. LTE Band Edge(NTNV)(Subtest:5, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.015	RMS	1780.011	-22.26	Pass	2666



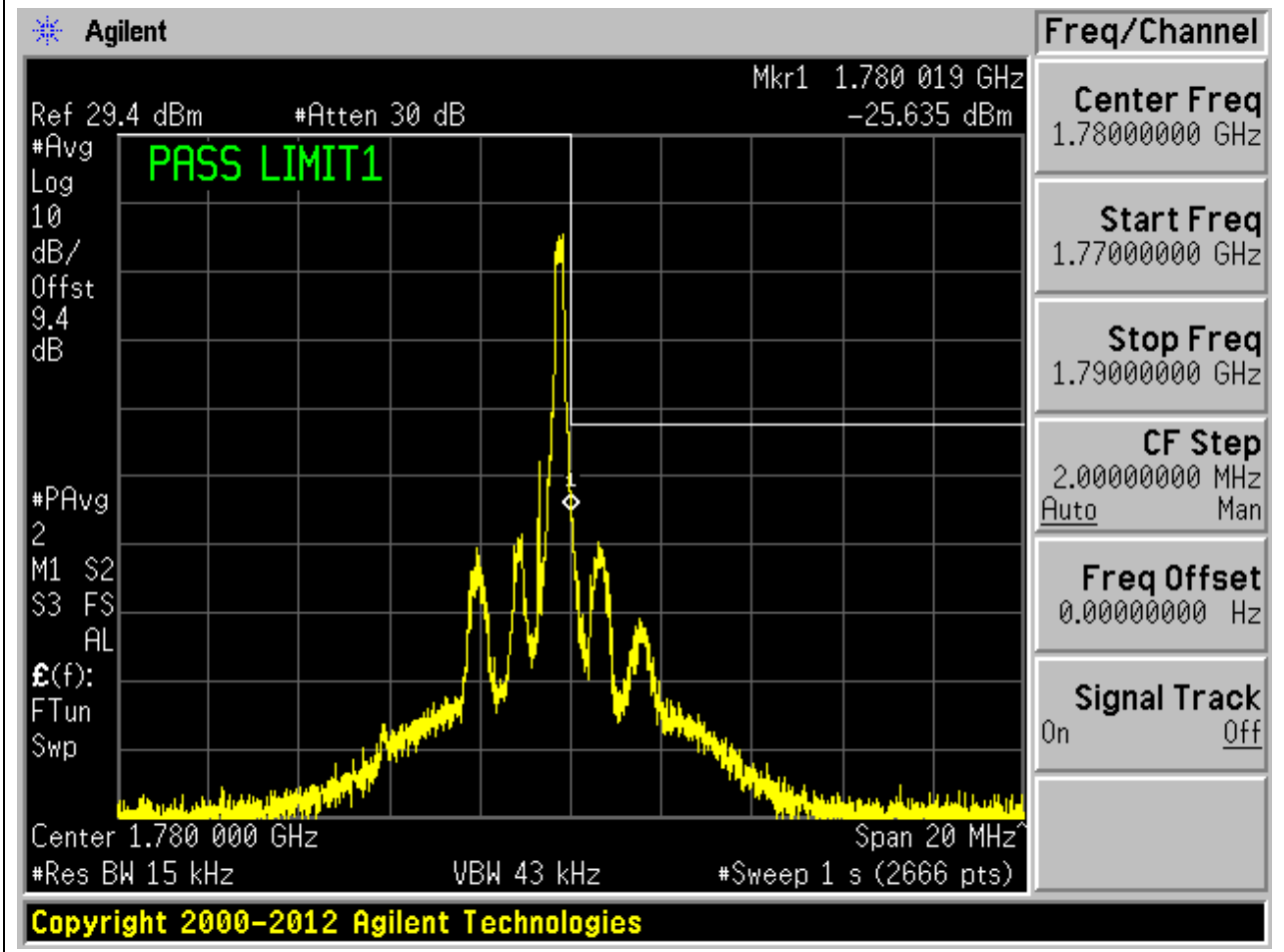
1.6. LTE Band Edge(NTNV)(Subtest:6, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.015	RMS	1780.004	-27.56	Pass	2666



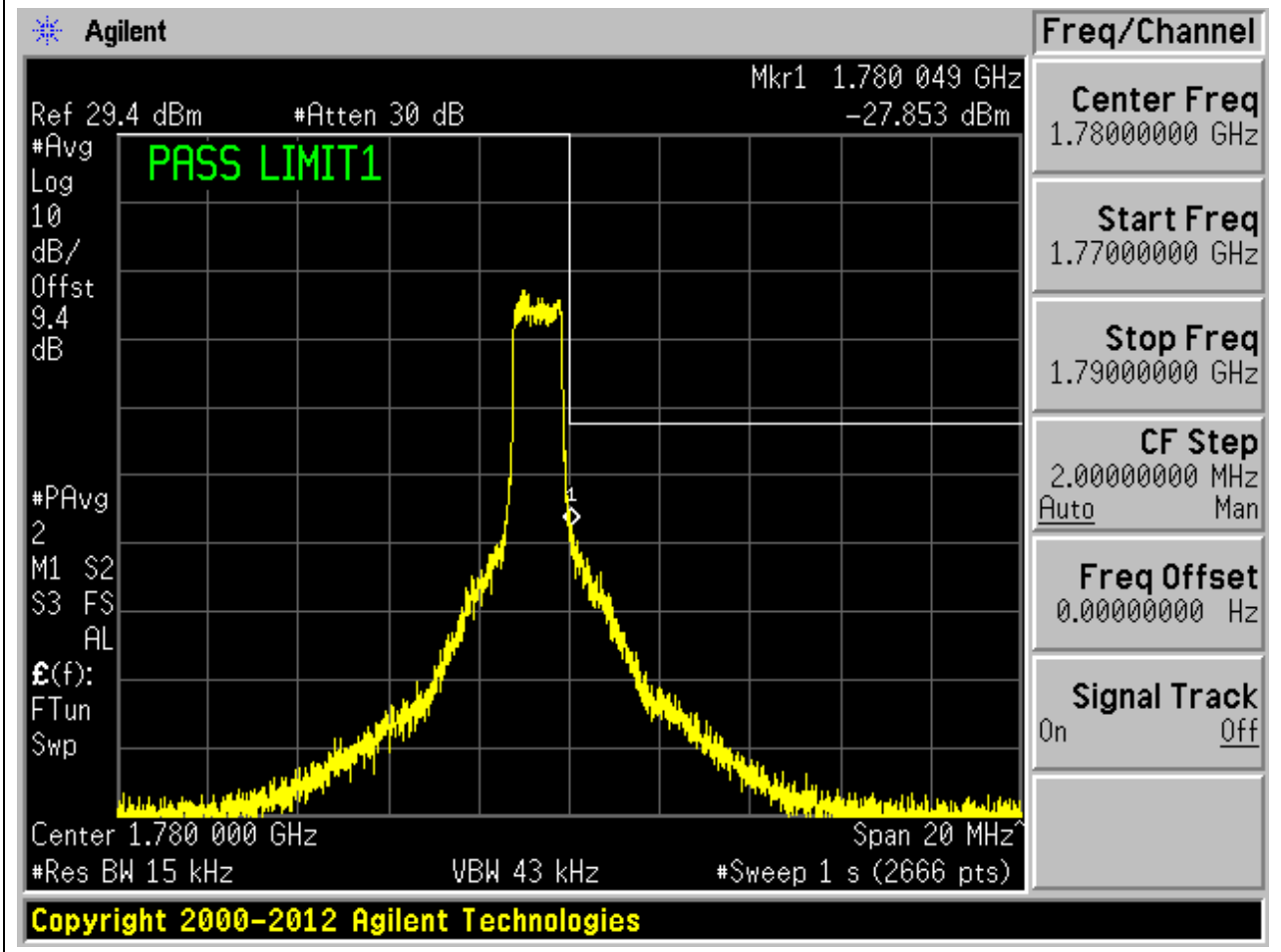
1.7. LTE Band Edge(NTNV)(Subtest:7, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.015	RMS	1780.019	-25.64	Pass	2666



1.8. LTE Band Edge(NTNV)(Subtest:8, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.015	RMS	1780.049	-27.85	Pass	2666



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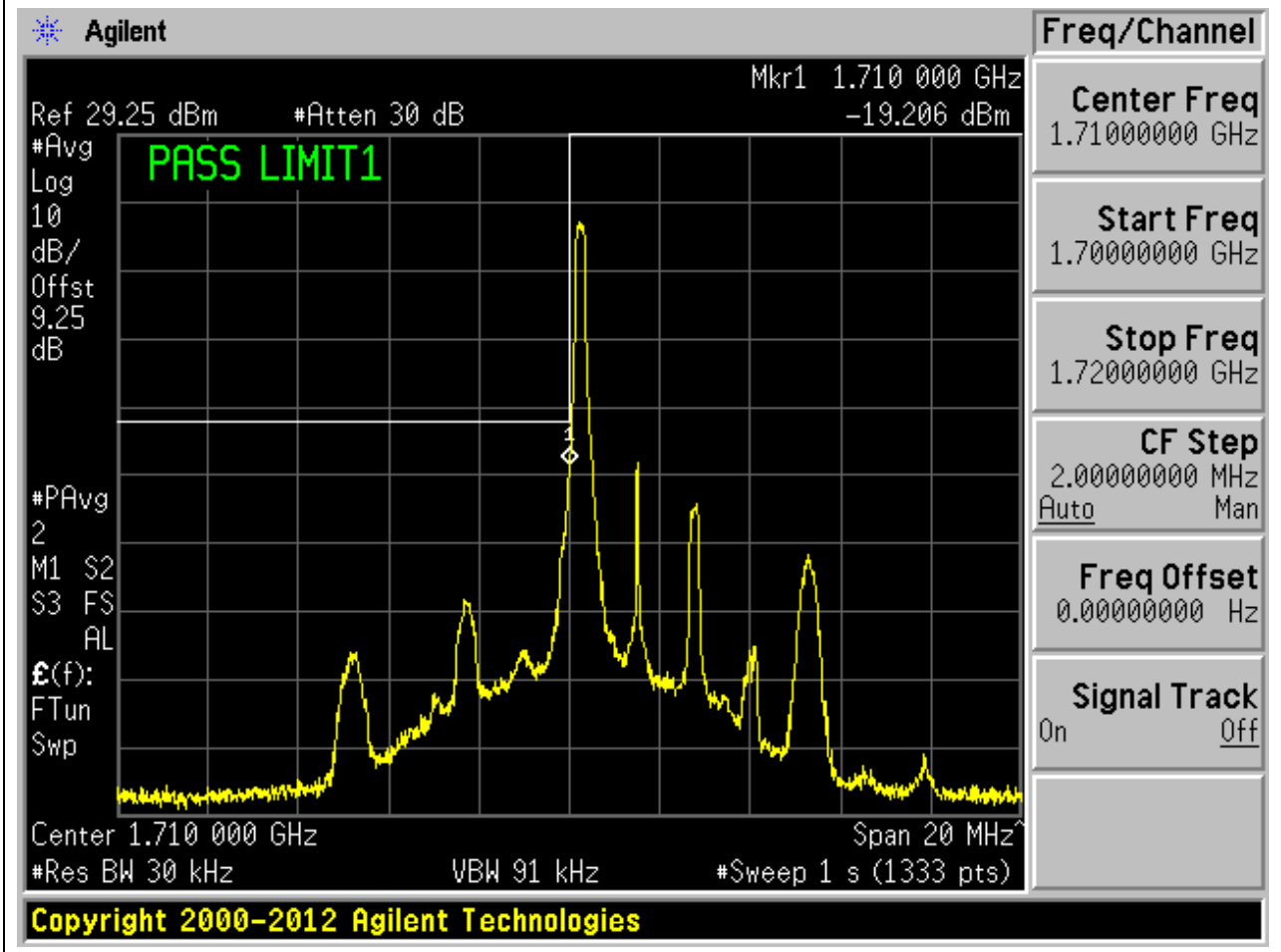
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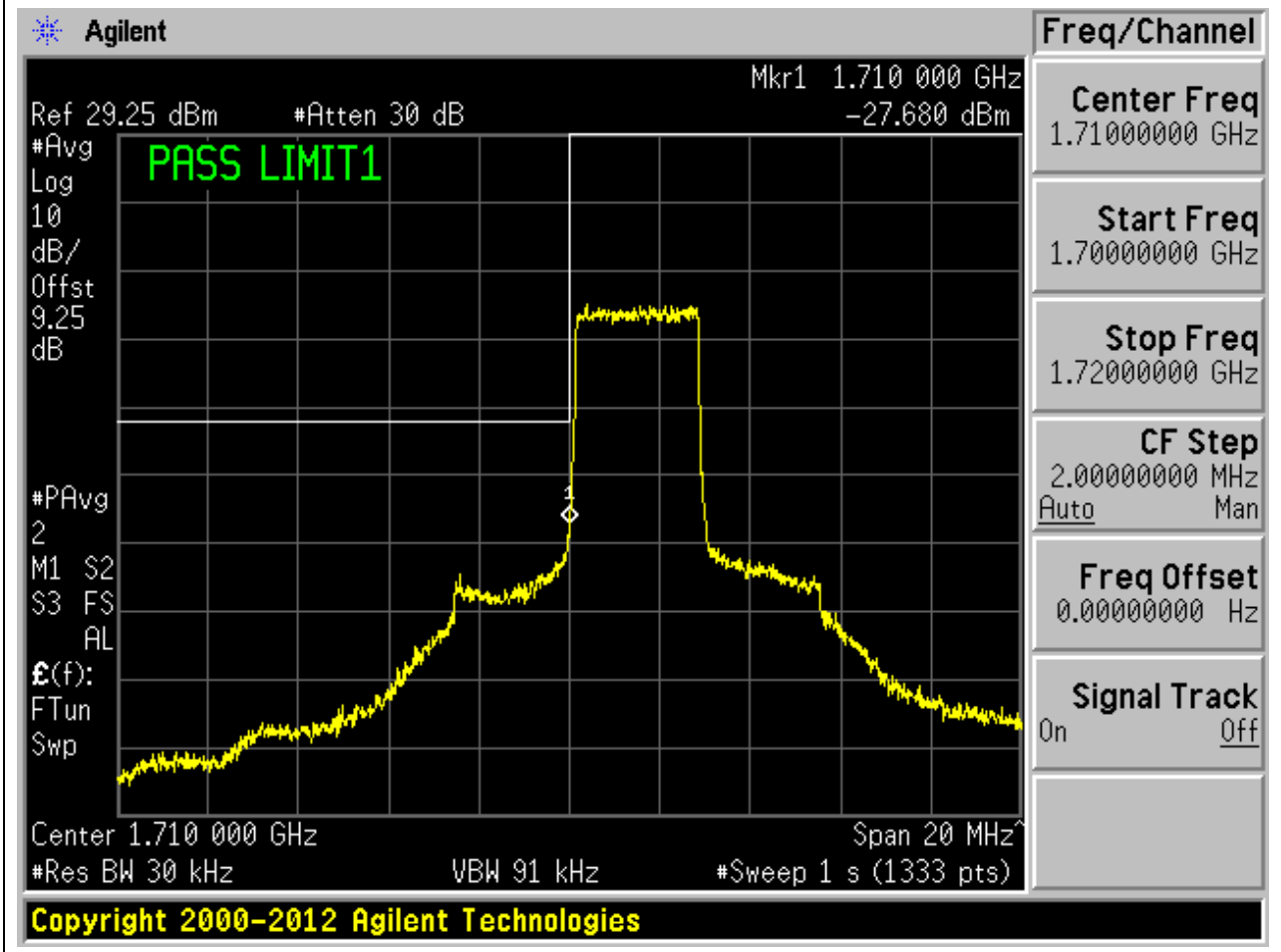
1.9. LTE Band Edge(NTNV)(Subtest:9, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.03	RMS	1710	-19.21	Pass	1333



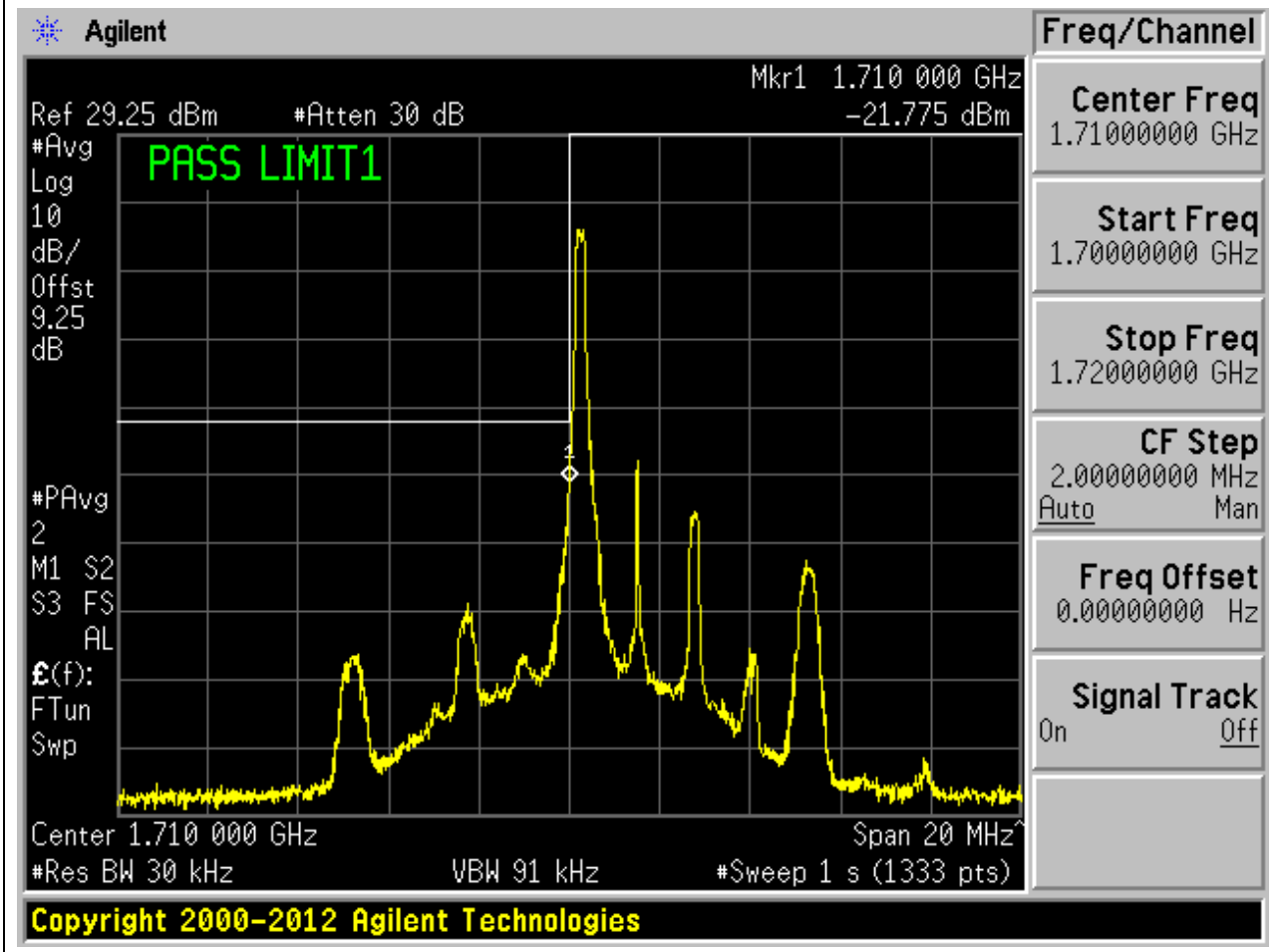
1.10. LTE Band Edge(NTNV)(Subtest:10, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.03	RMS	1710	-27.68	Pass	1333



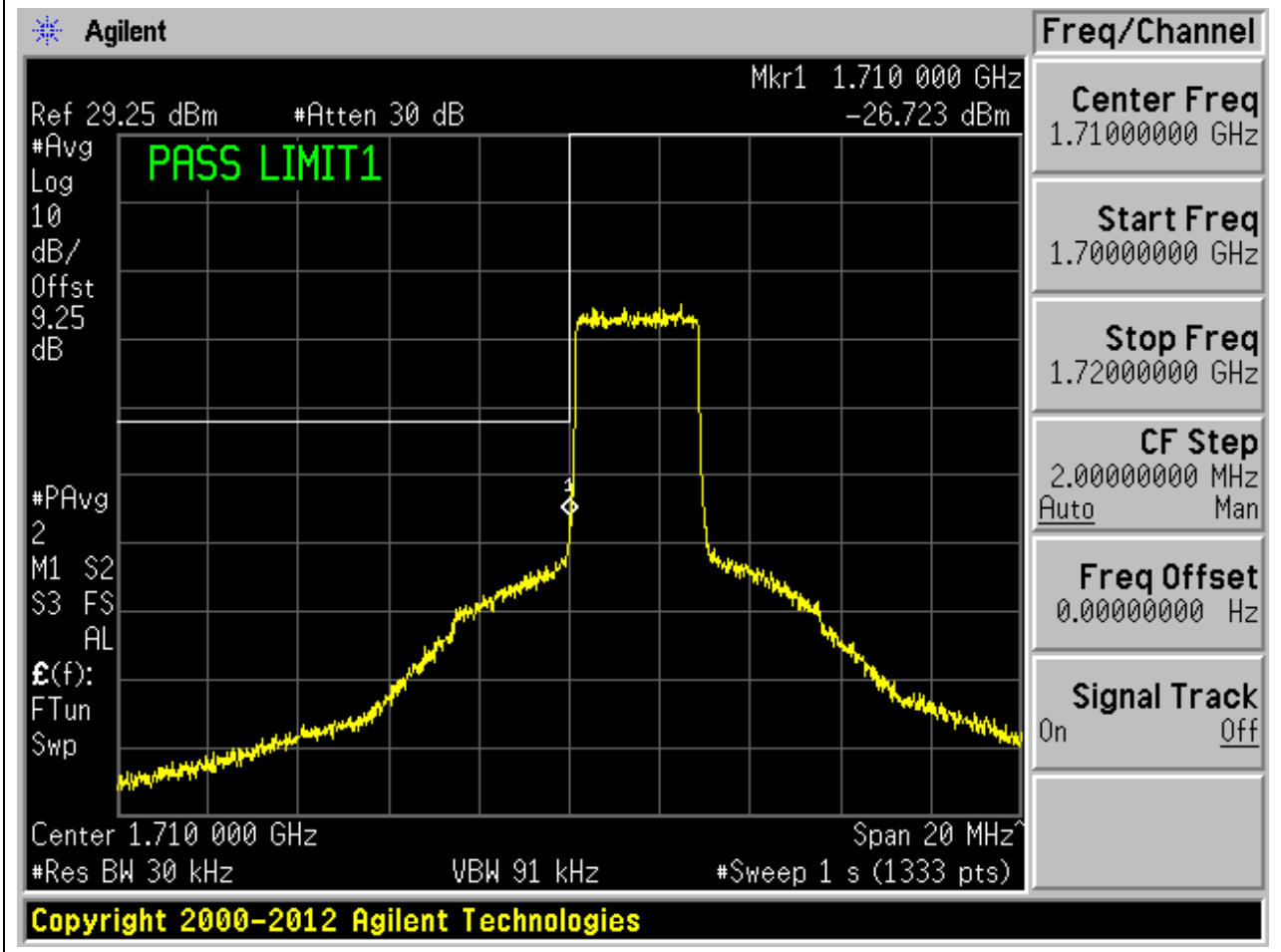
1.11. LTE Band Edge(NTNV)(Subtest:11, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.03	RMS	1710	-21.77	Pass	1333



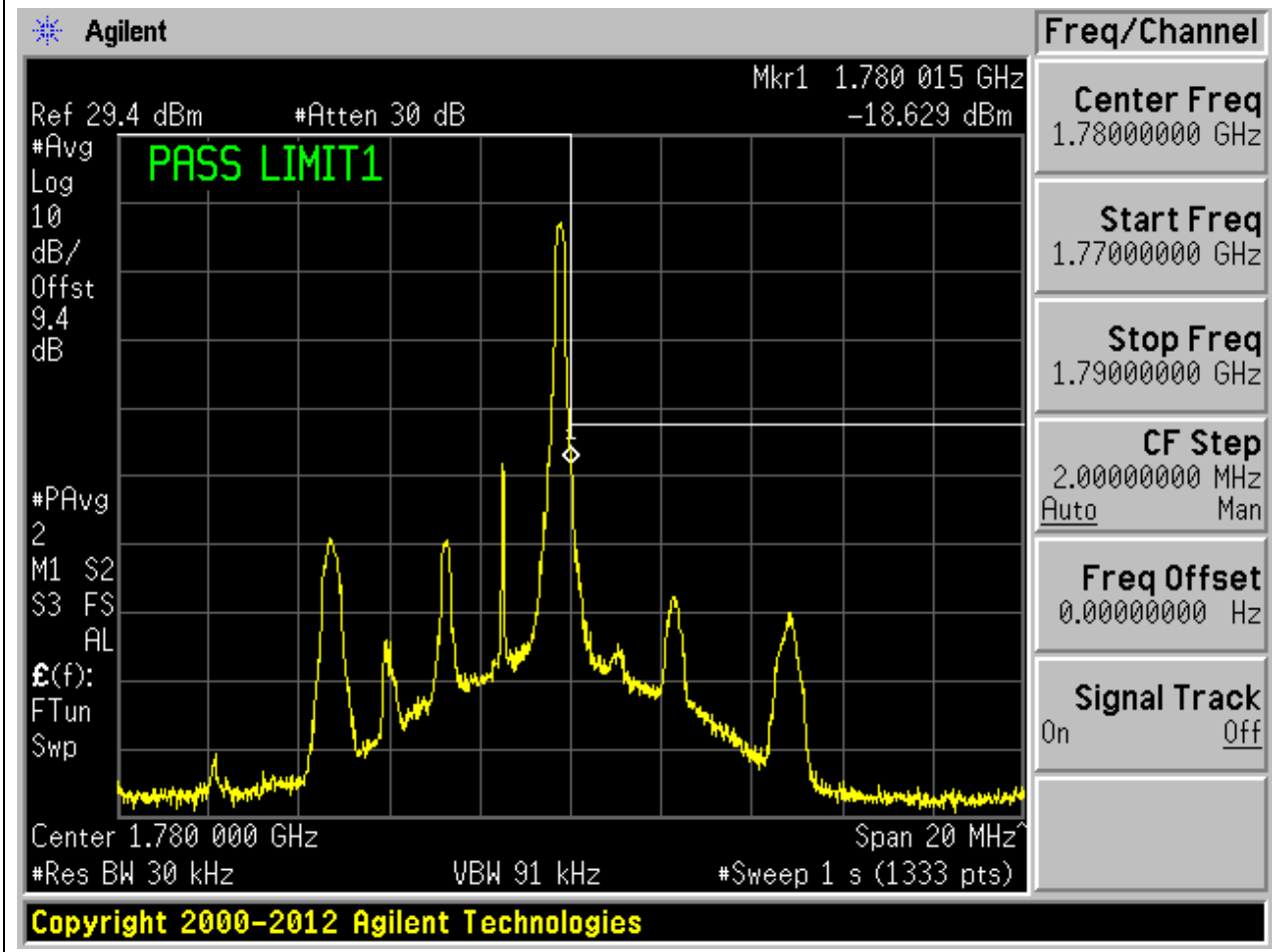
1.12. LTE Band Edge(NTNV)(Subtest:12, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.03	RMS	1710	-26.72	Pass	1333



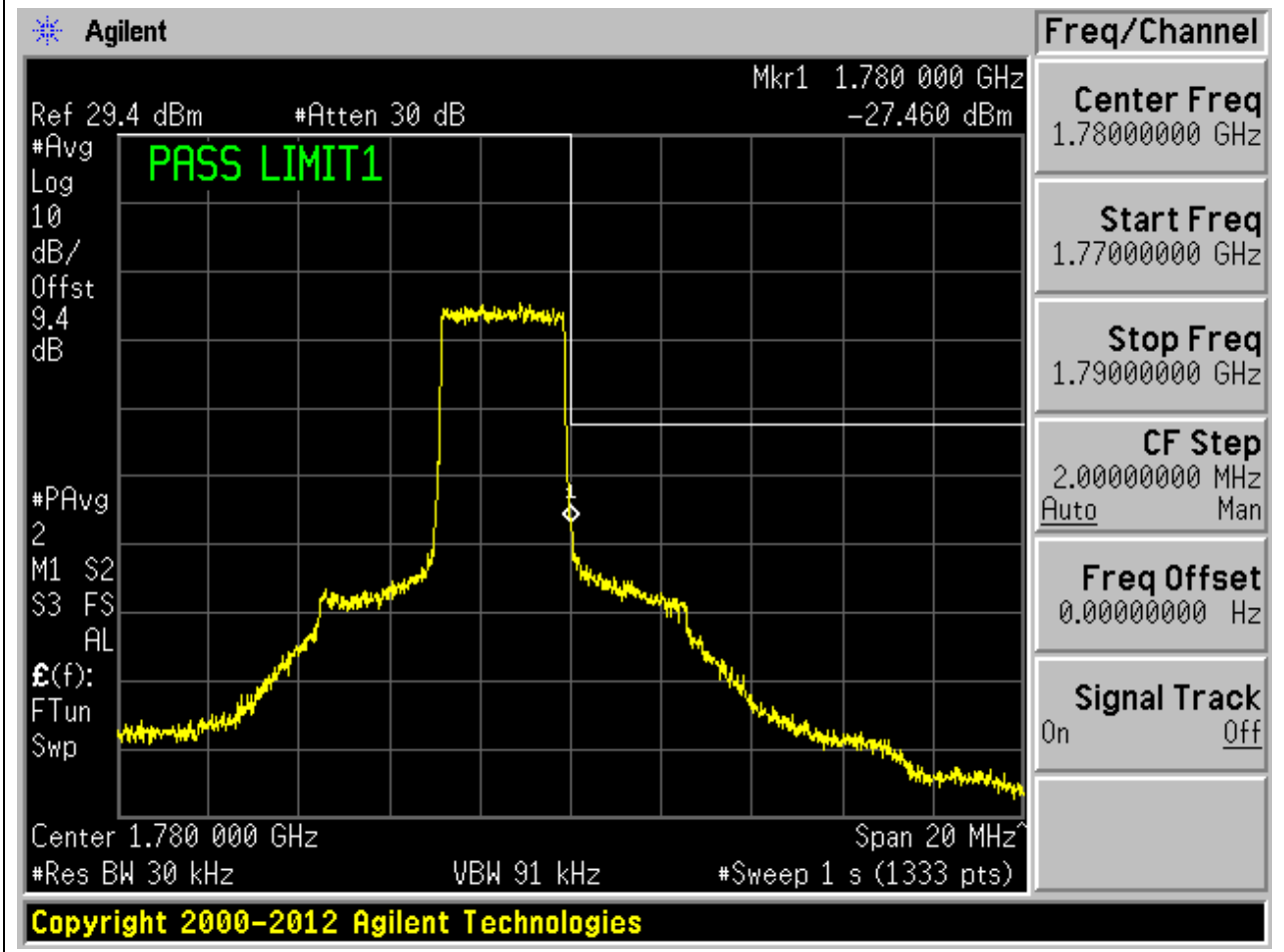
1.13. LTE Band Edge(NTNV)(Subtest:13, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.03	RMS	1780.015	-18.63	Pass	1333



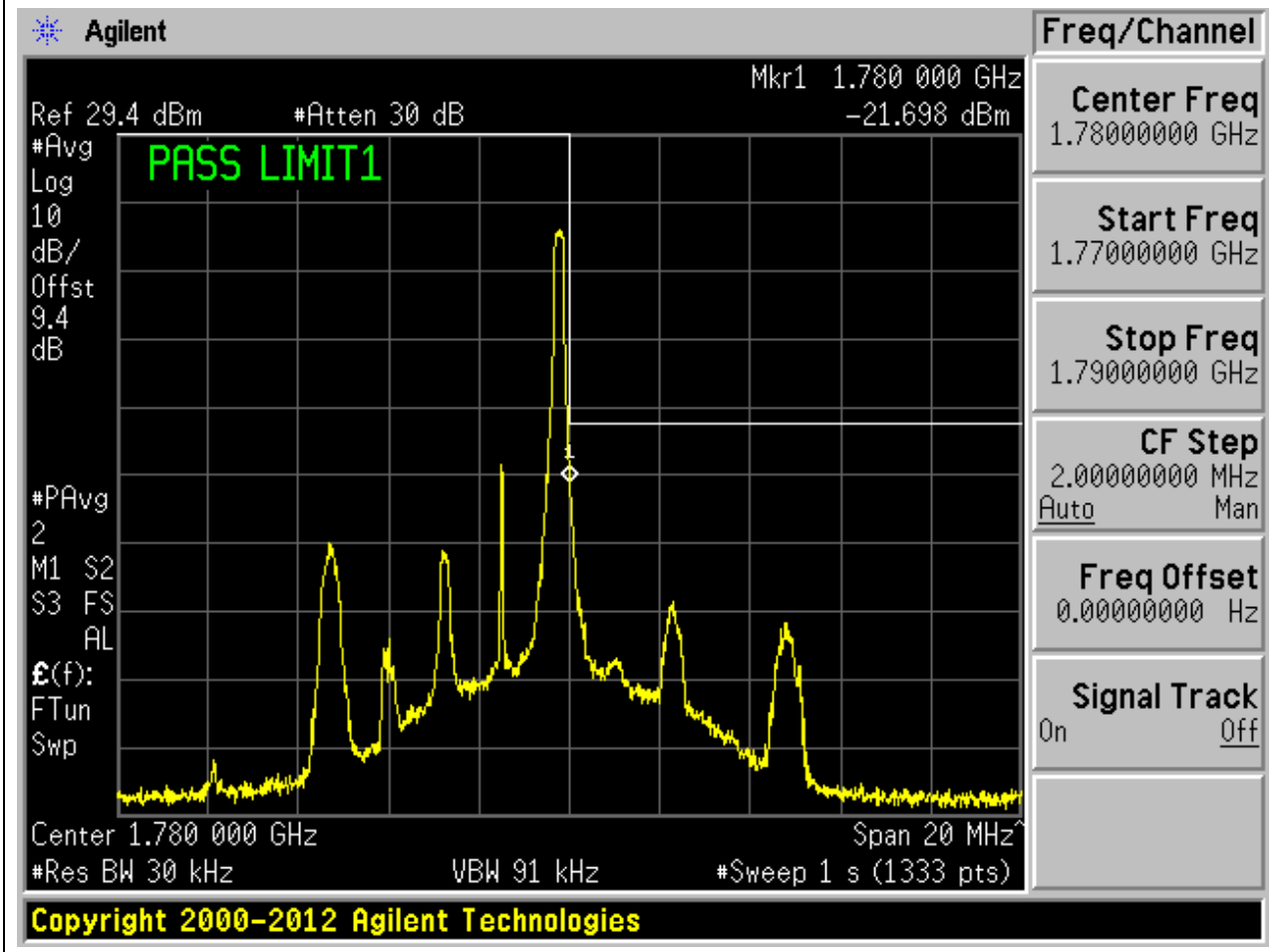
1.14. LTE Band Edge(NTNV)(Subtest:14, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.03	RMS	1780	-27.46	Pass	1333



1.15. LTE Band Edge(NTNV)(Subtest:15, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.03	RMS	1780	-21.7	Pass	1333



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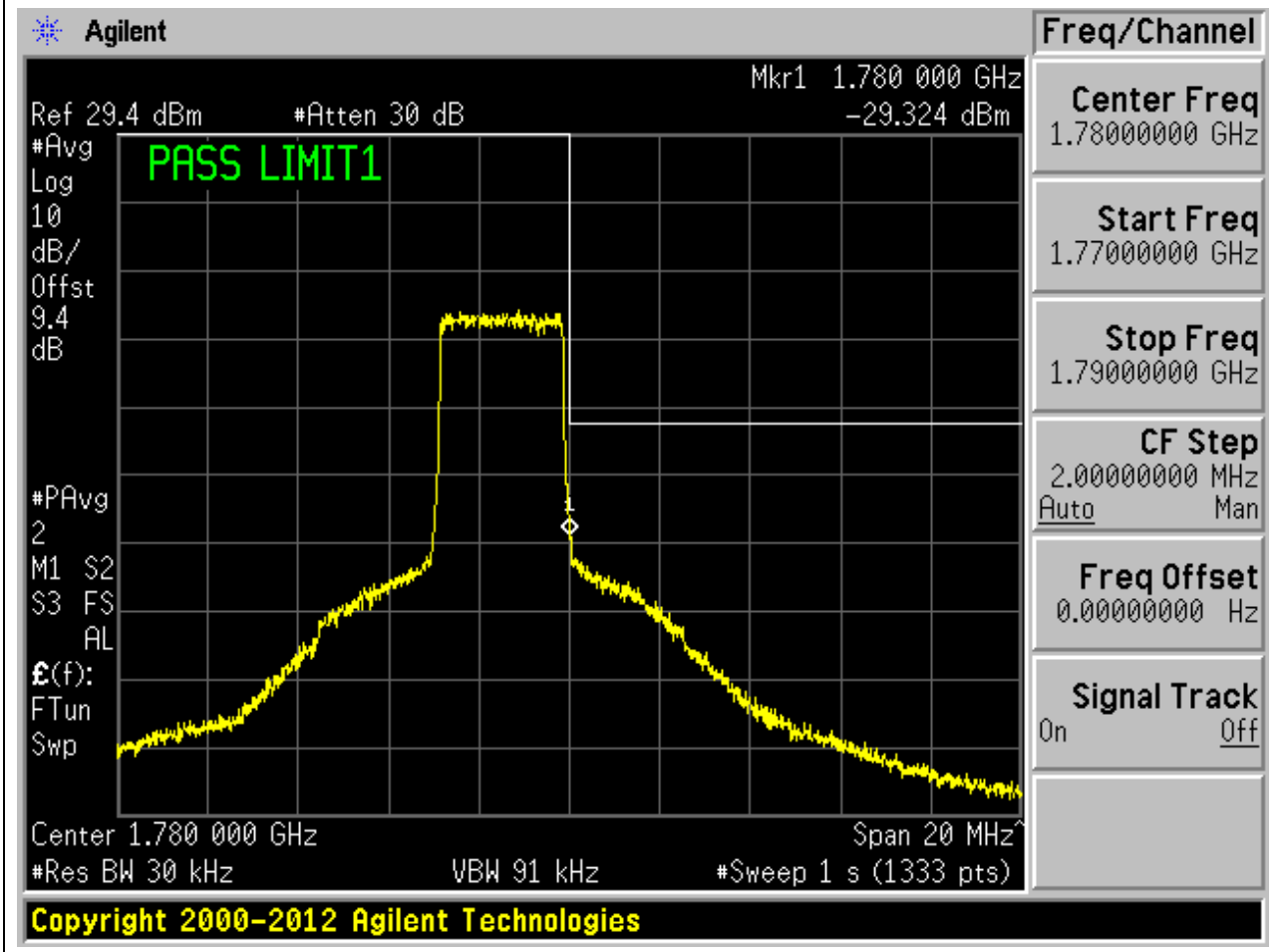
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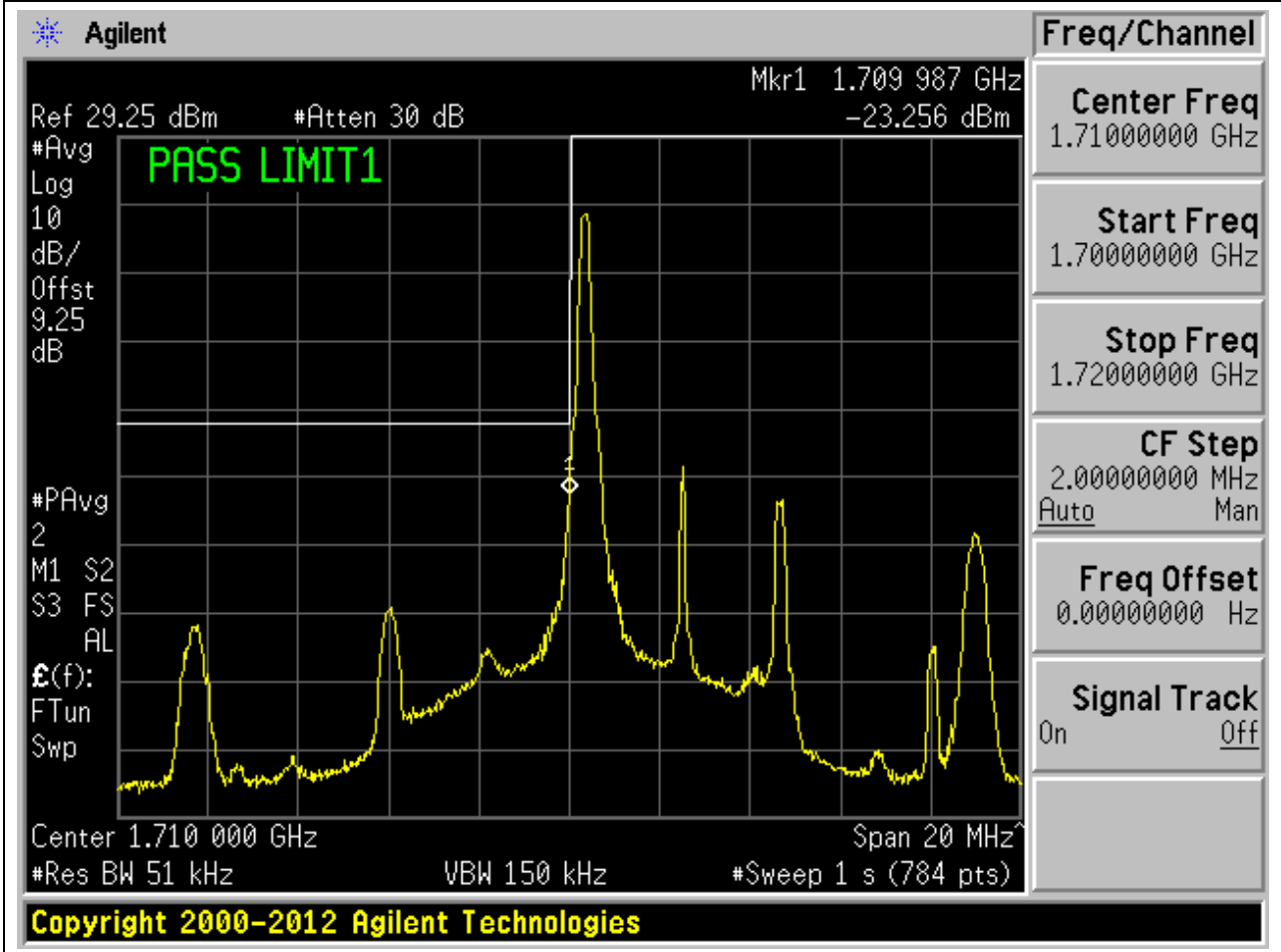
1.16. LTE Band Edge(NTNV)(Subtest:16, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.03	RMS	1780	-29.32	Pass	1333



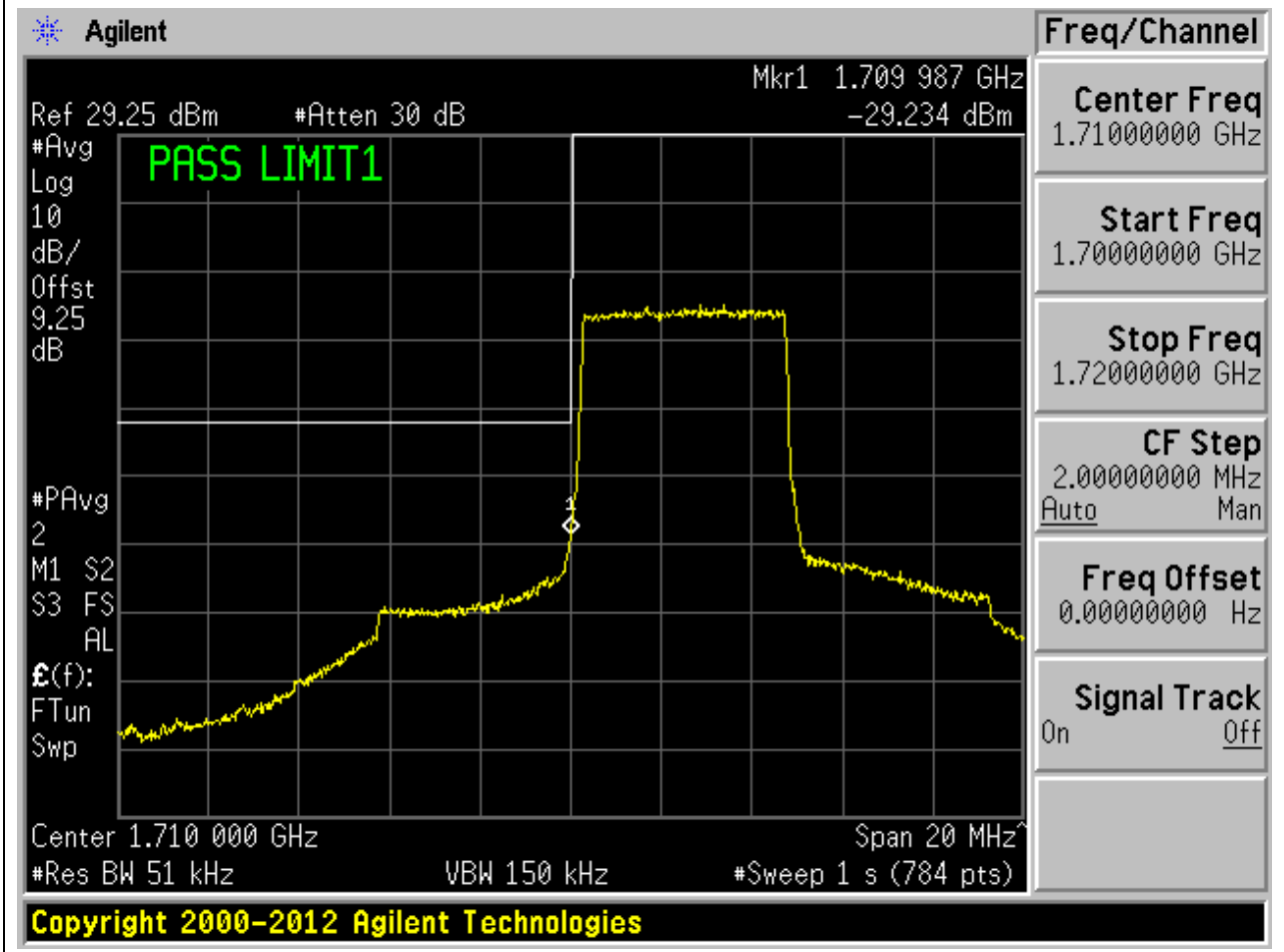
1.17. LTE Band Edge(NTNV)(Subtest:17, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.051	RMS	1709.987	-23.26	Pass	784



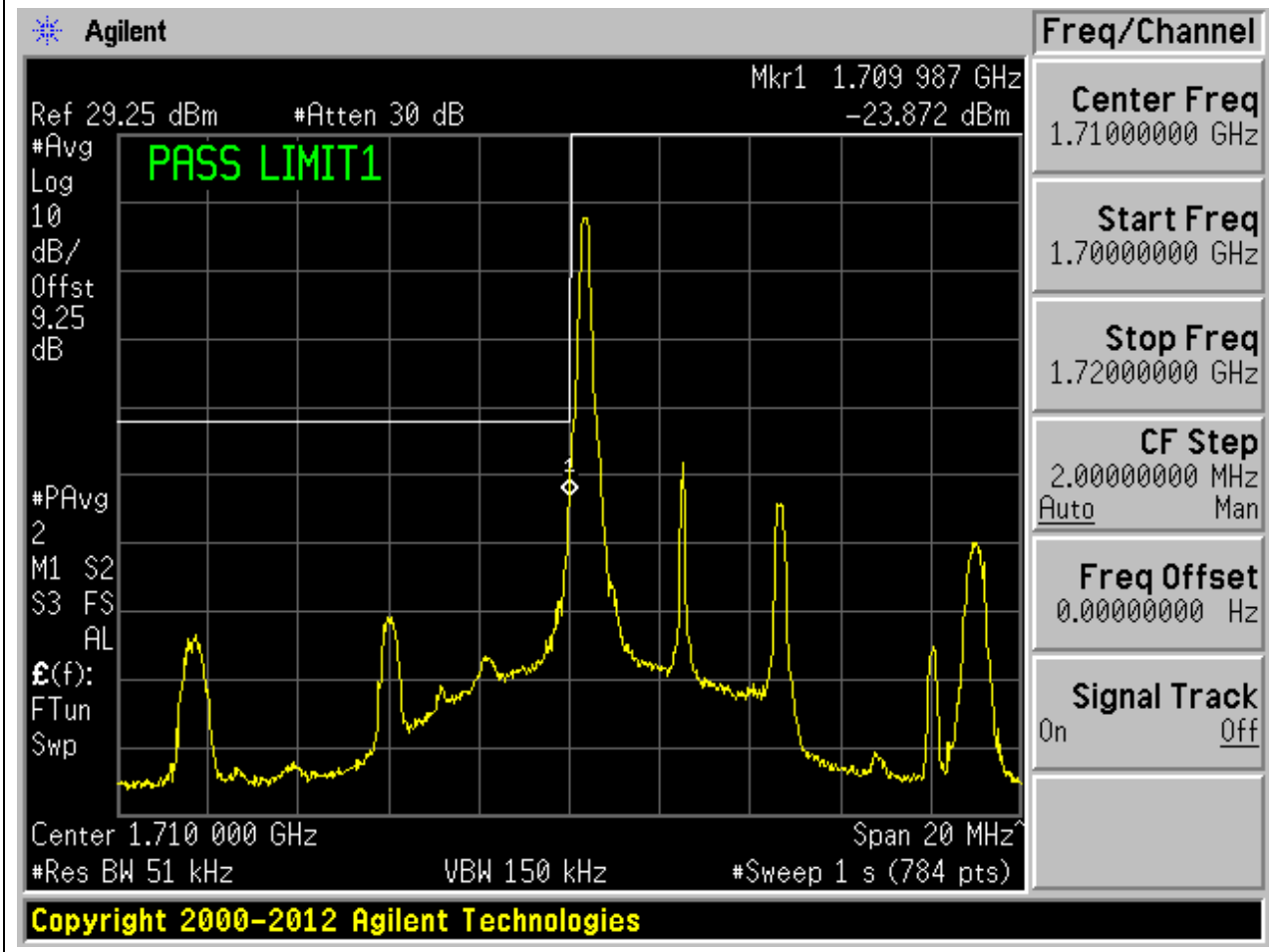
1.18. LTE Band Edge(NTNV)(Subtest:18, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.051	RMS	1709.987	-29.23	Pass	784



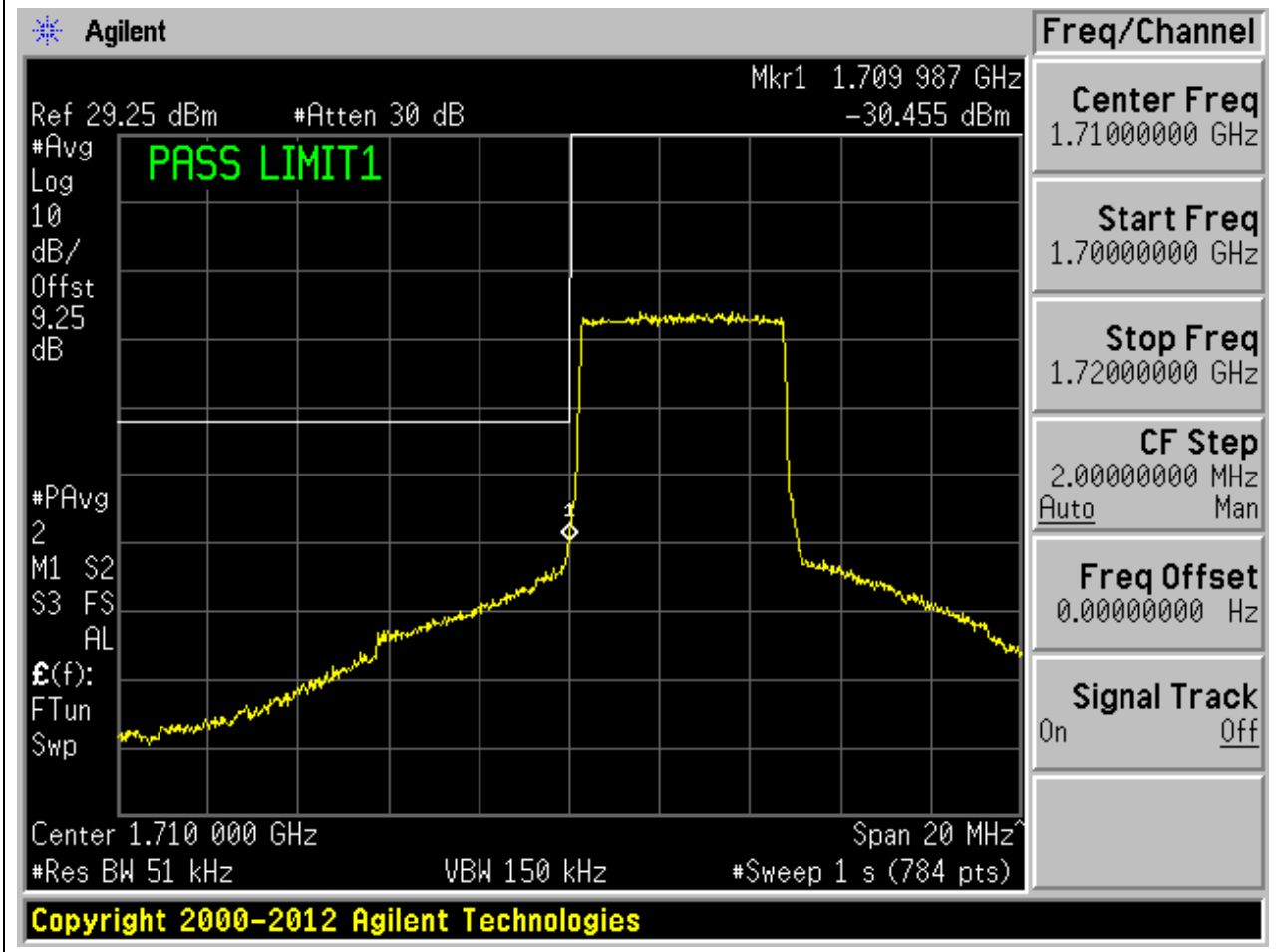
1.19. LTE Band Edge(NTNV)(Subtest:19, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.051	RMS	1709.987	-23.87	Pass	784



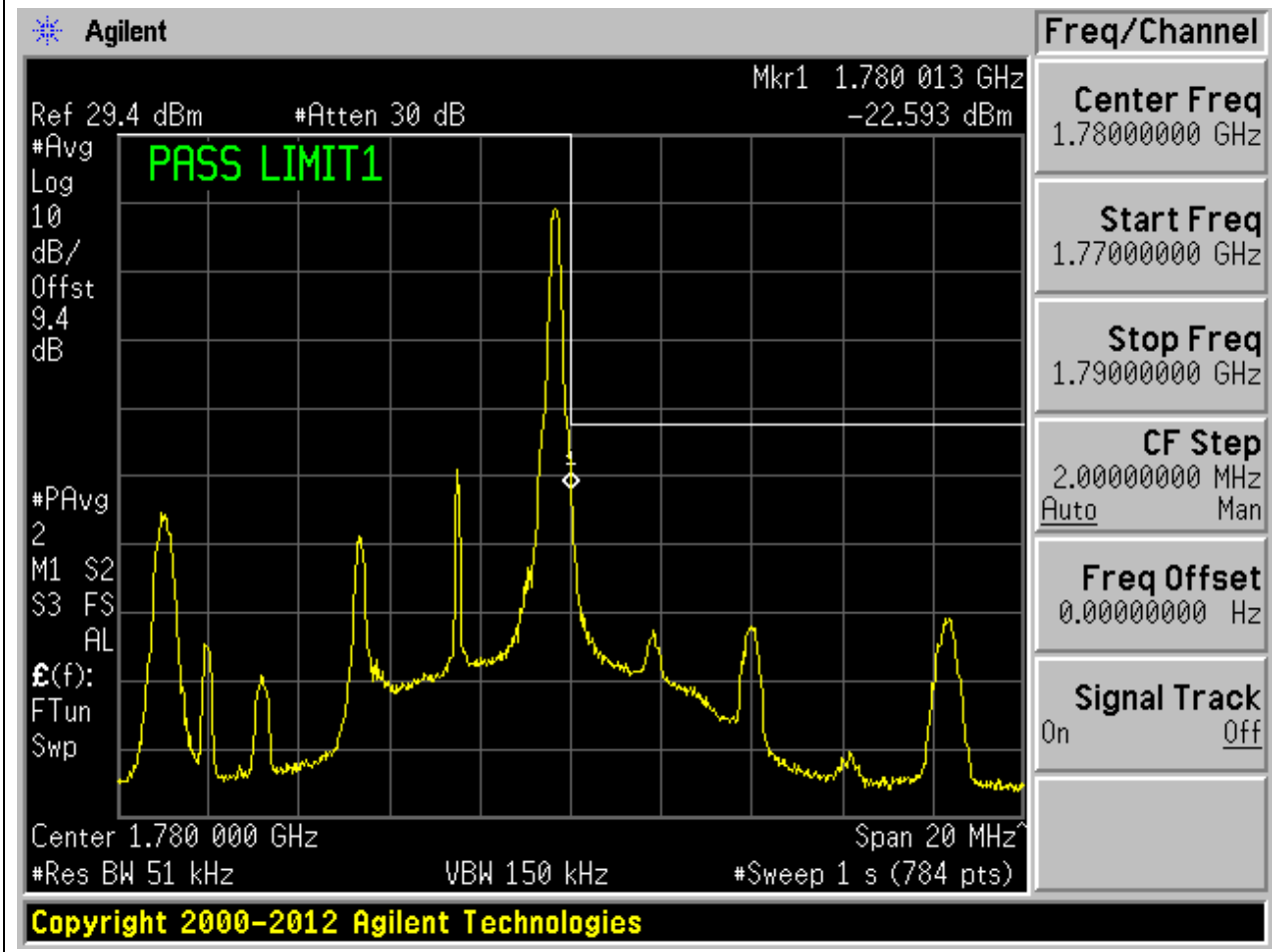
1.20. LTE Band Edge(NTNV)(Subtest:20, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.051	RMS	1709.987	-30.45	Pass	784



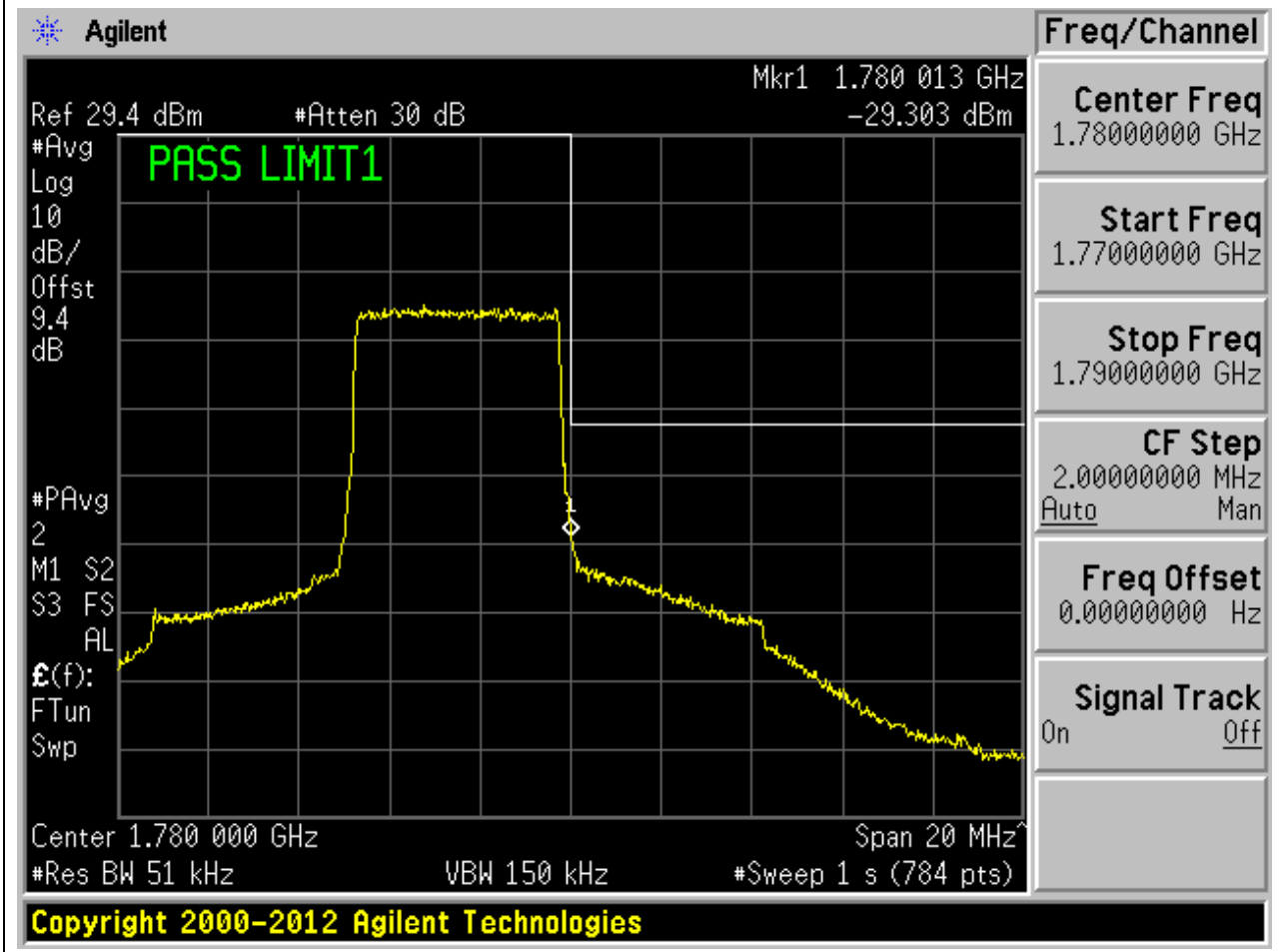
1.21. LTE Band Edge(NTNV)(Subtest:21, Channel:132647, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.051	RMS	1780.013	-22.59	Pass	784



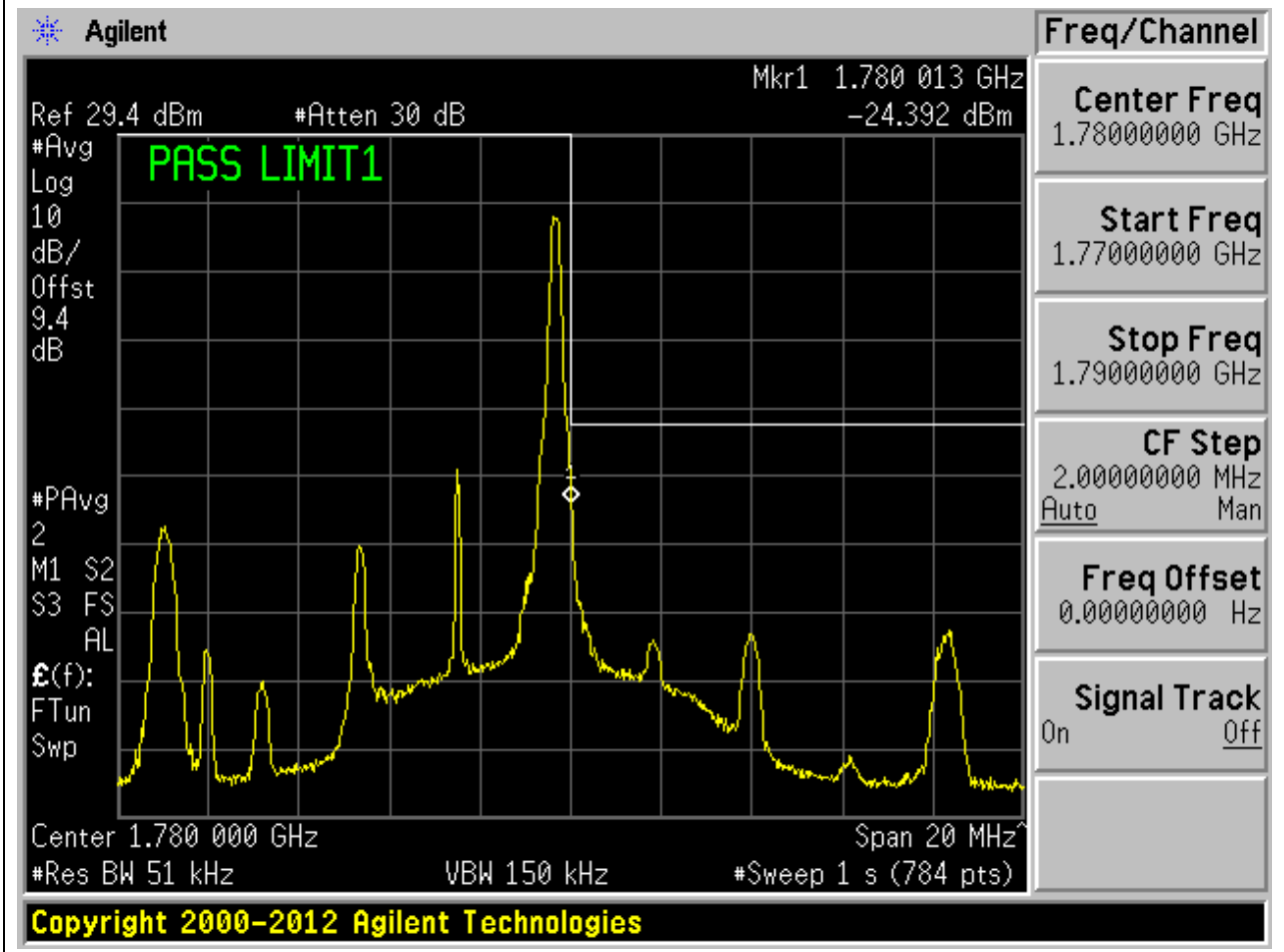
1.22. LTE Band Edge(NTNV)(Subtest:22, Channel:132647, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.051	RMS	1780.013	-29.3	Pass	784



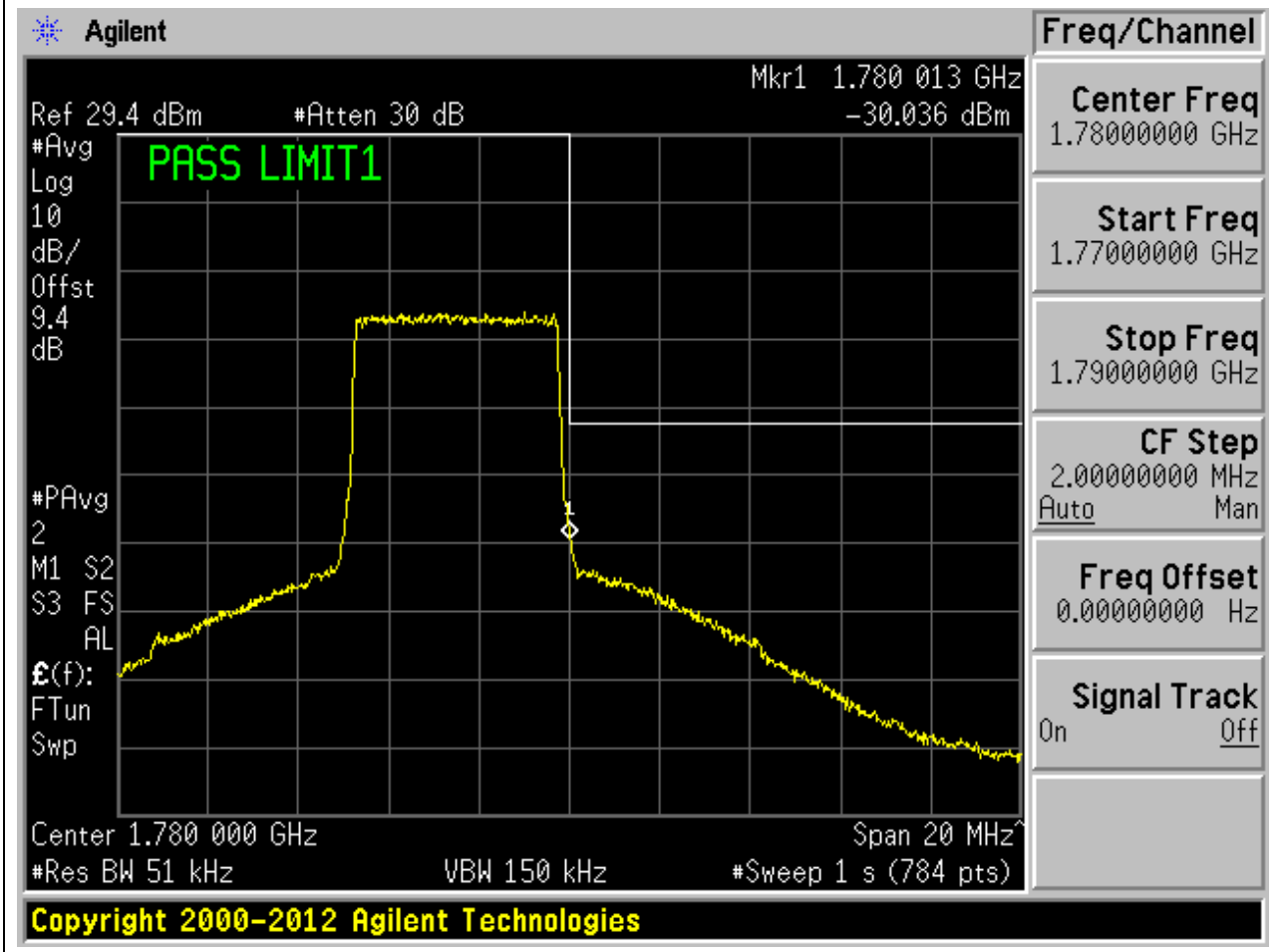
1.23. LTE Band Edge(NTNV)(Subtest:23, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.051	RMS	1780.013	-24.39	Pass	784



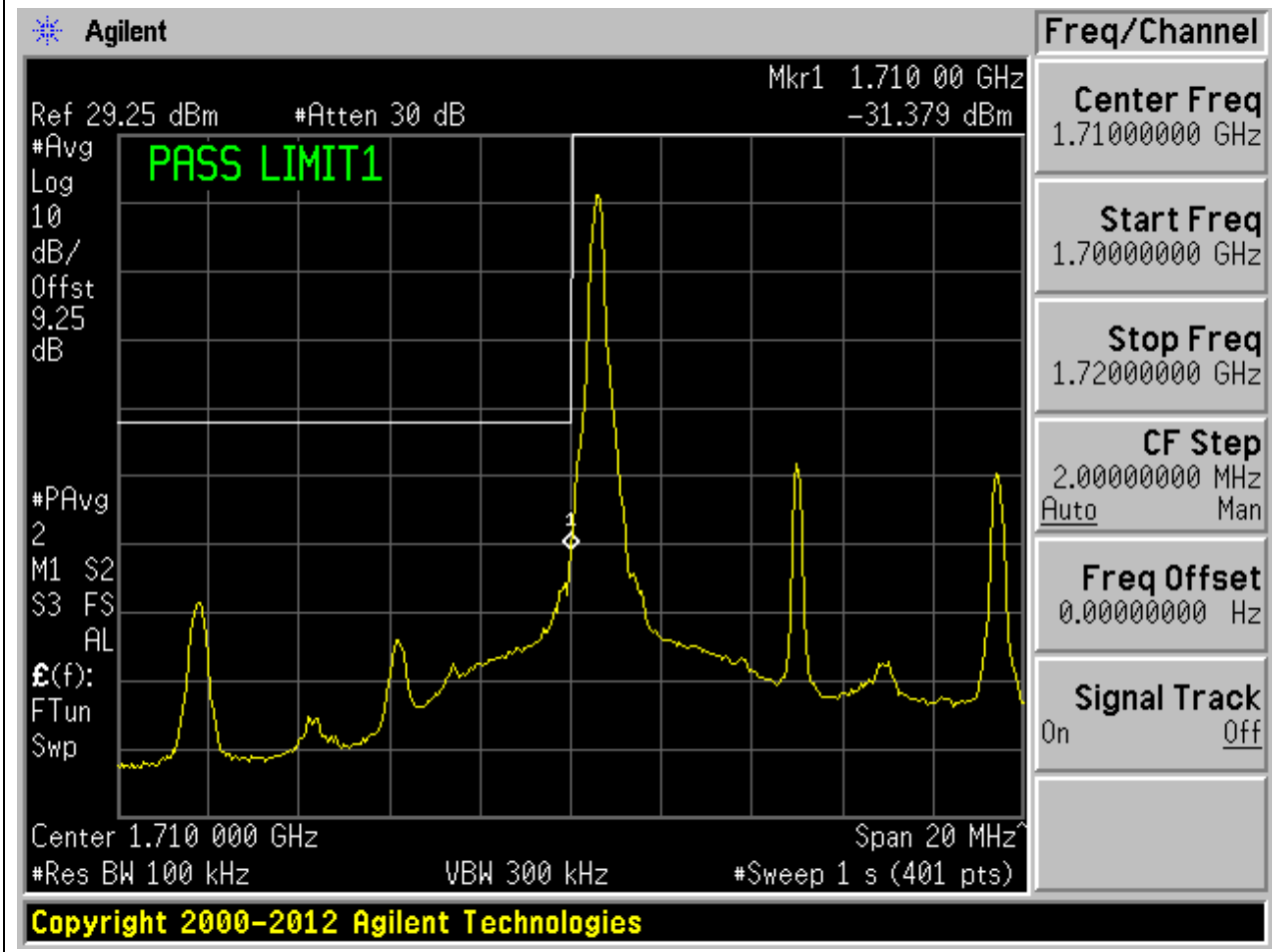
1.24. LTE Band Edge(NTNV)(Subtest:24, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.051	RMS	1780.013	-30.04	Pass	784



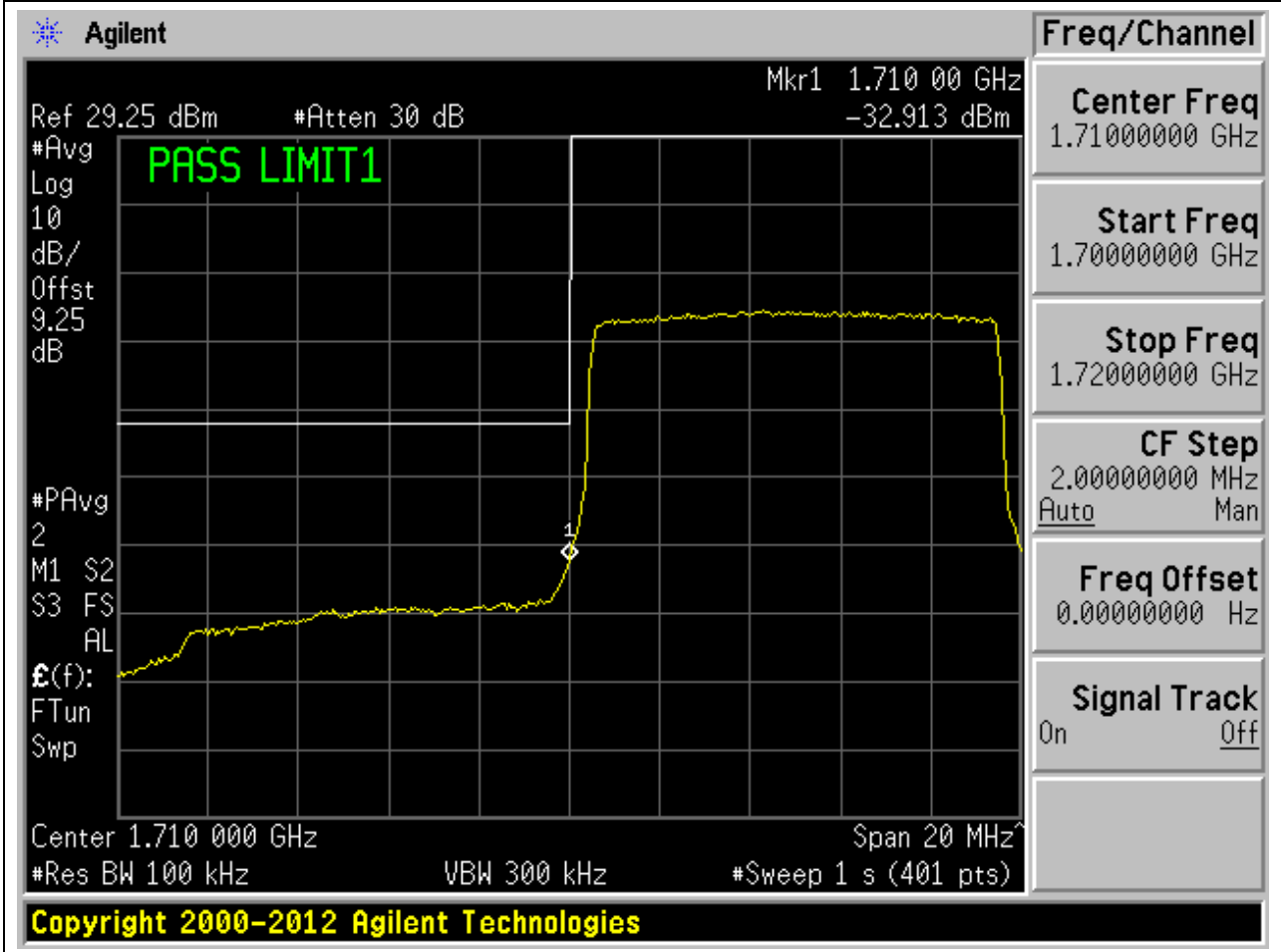
1.25. LTE Band Edge(NTNV)(Subtest:25, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.1	RMS	1710	-31.38	Pass	401



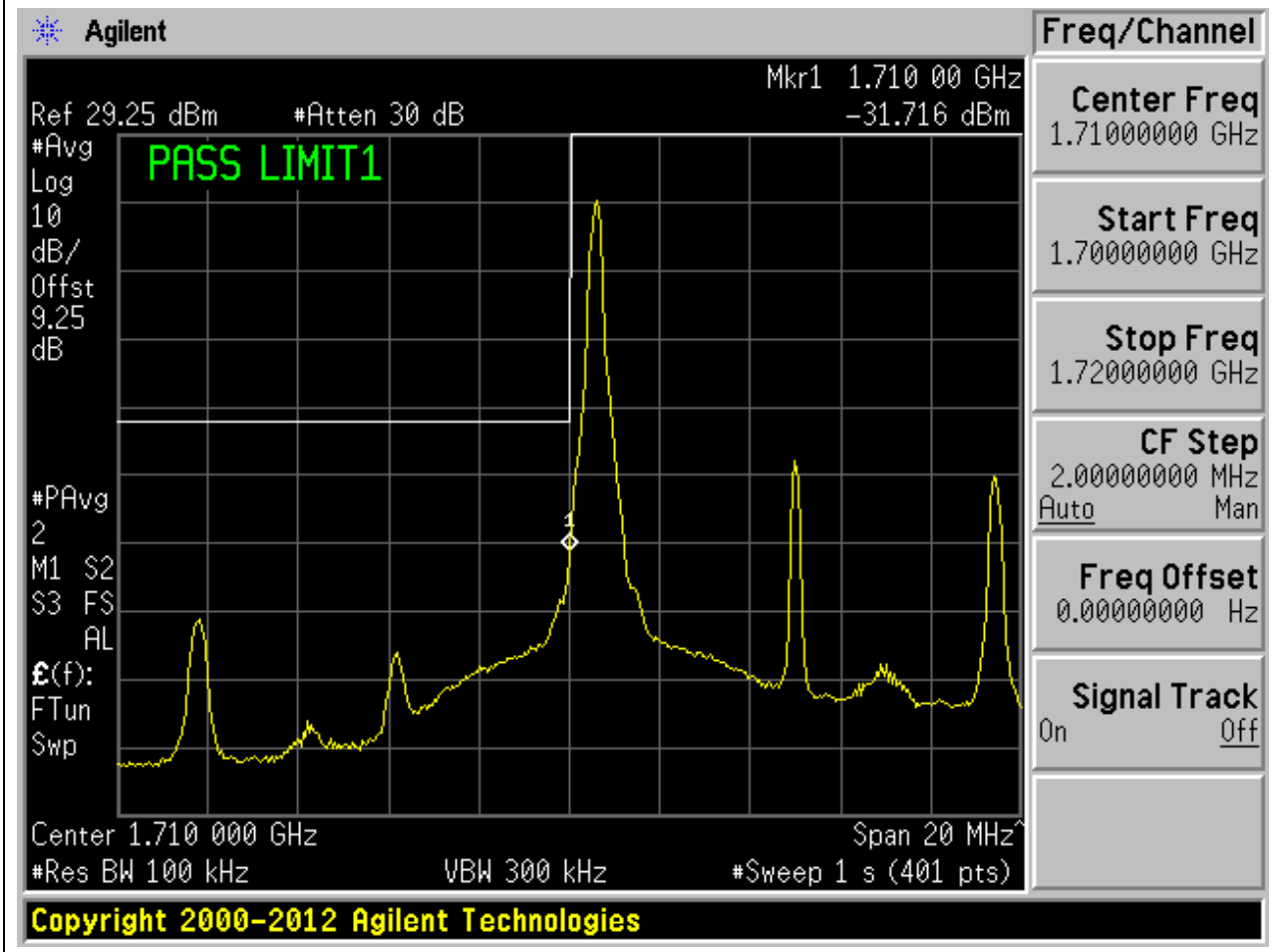
1.26. LTE Band Edge(NTNV)(Subtest:26, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.1	RMS	1710	-32.91	Pass	401



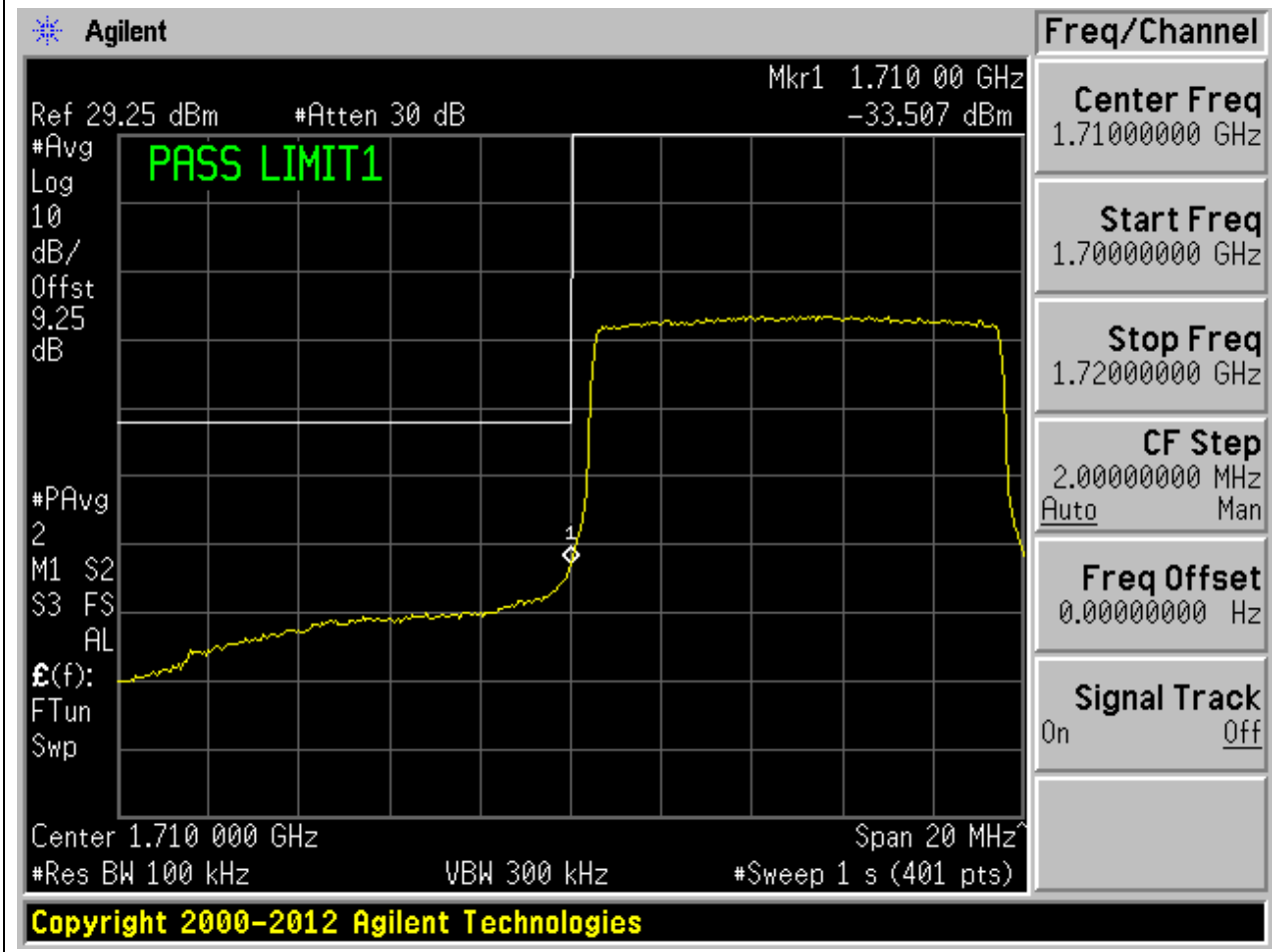
1.27. LTE Band Edge(NTNV)(Subtest:27, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.1	RMS	1710	-31.72	Pass	401



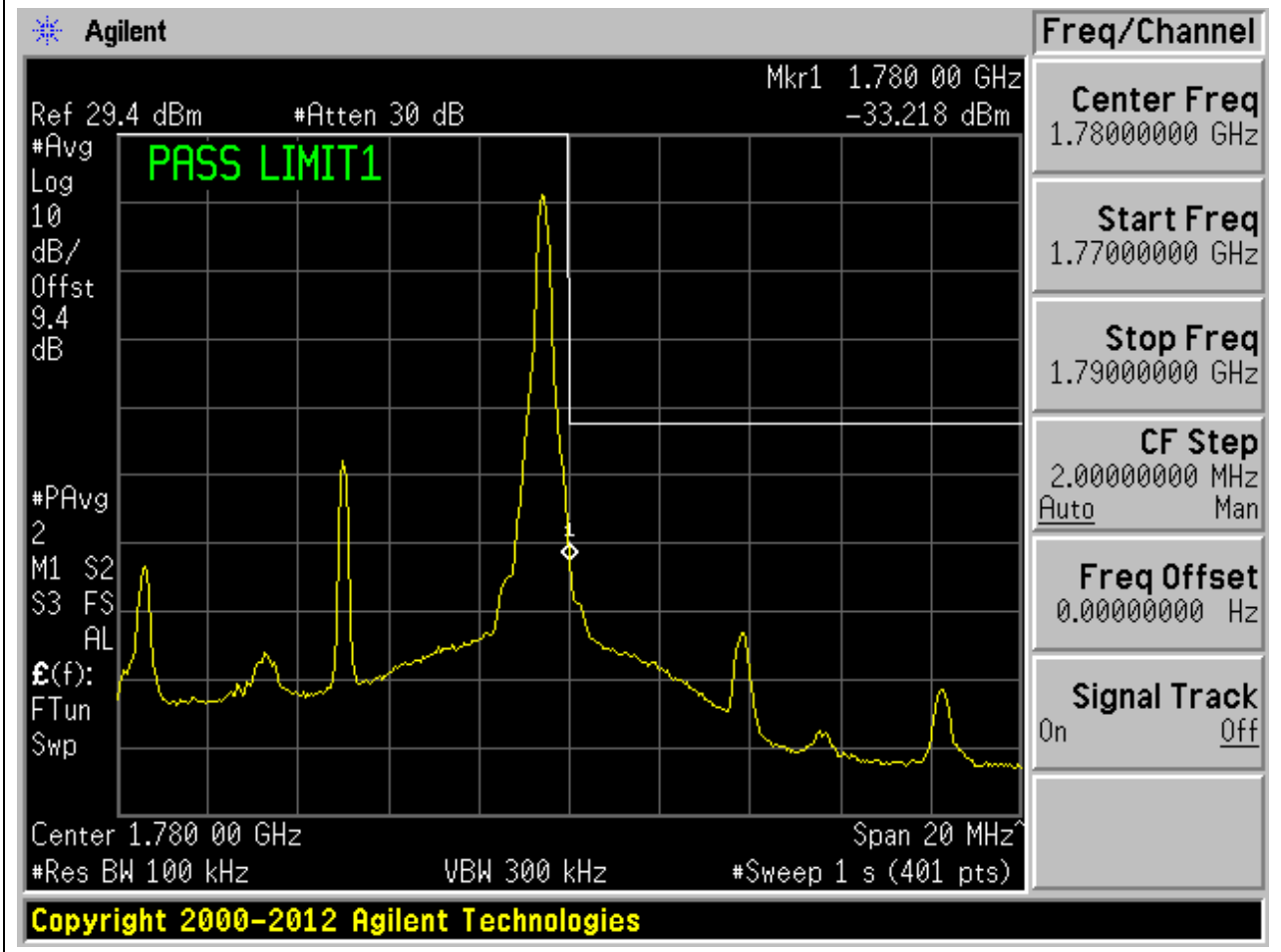
1.28. LTE Band Edge(NTNV)(Subtest:28, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	20	0.1	RMS	1710	-33.51	Pass	401



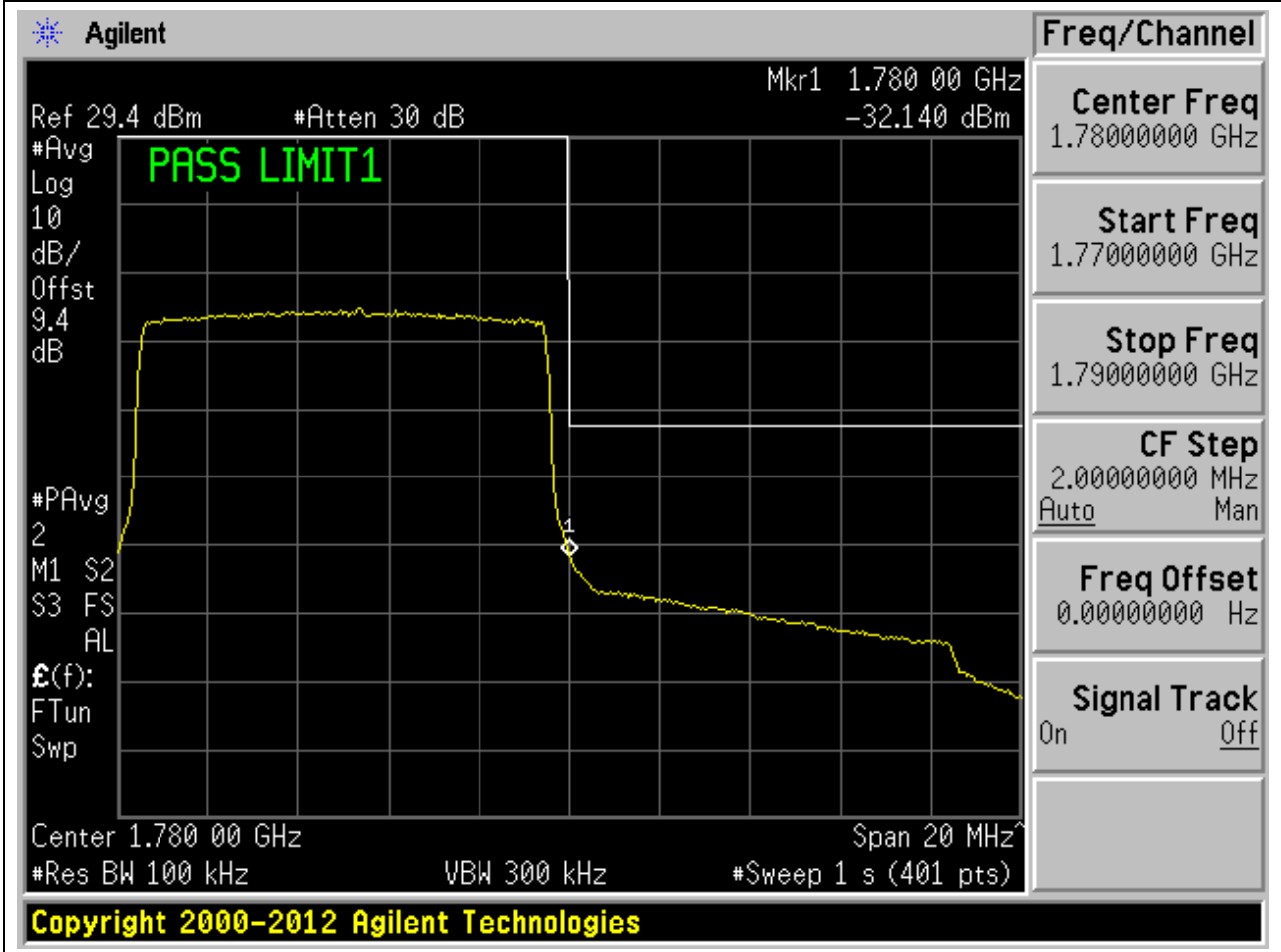
1.29. LTE Band Edge(NTNV)(Subtest:29, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.1	RMS	1780	-33.22	Pass	401



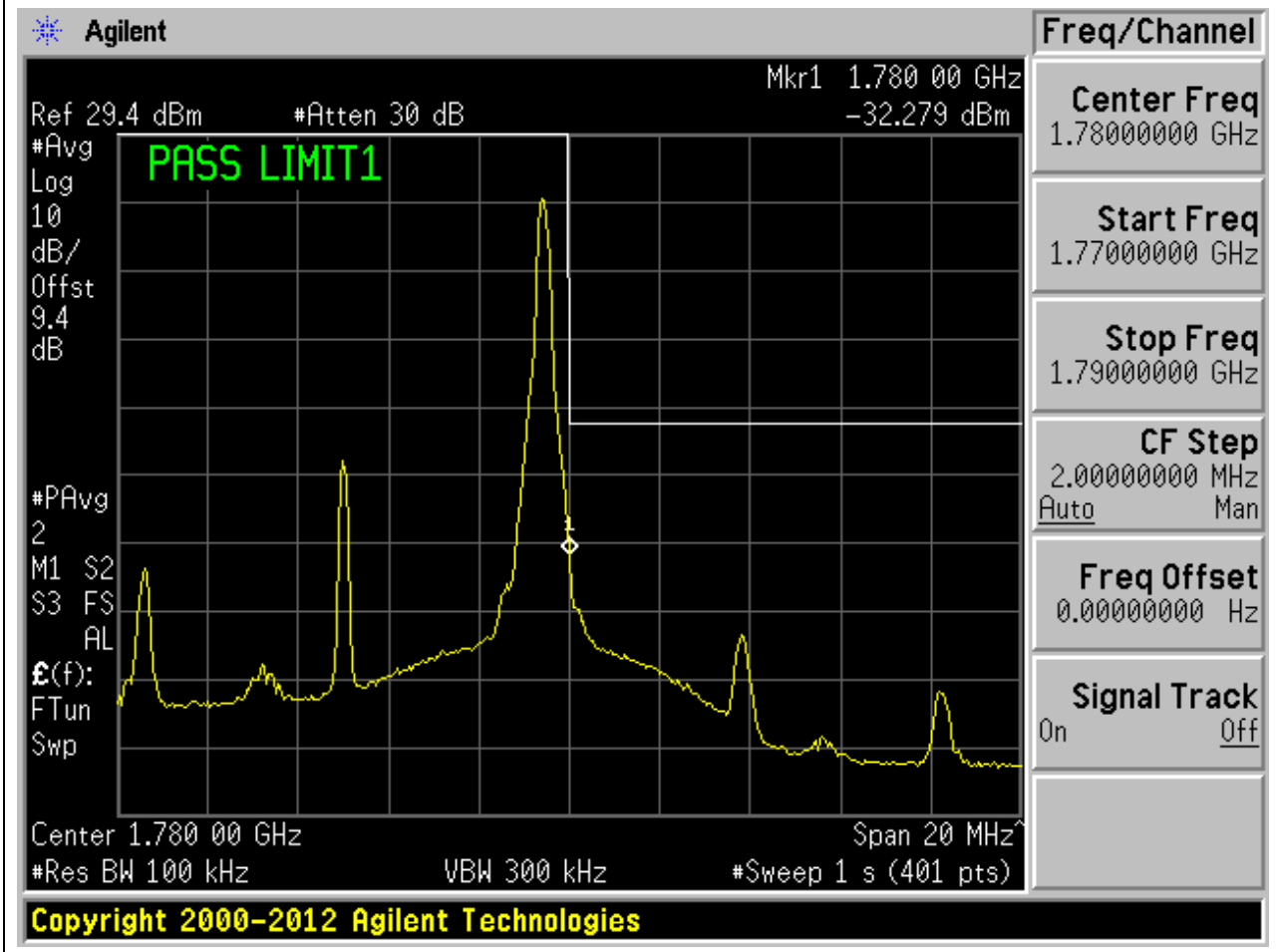
1.30. LTE Band Edge(NTNV)(Subtest:30, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:HIGH)

Center (MHz)	Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780		20	0.1	RMS	1780	-32.14	Pass	401



1.31. LTE Band Edge(NTNV)(Subtest:31, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.1	RMS	1780	-32.28	Pass	401



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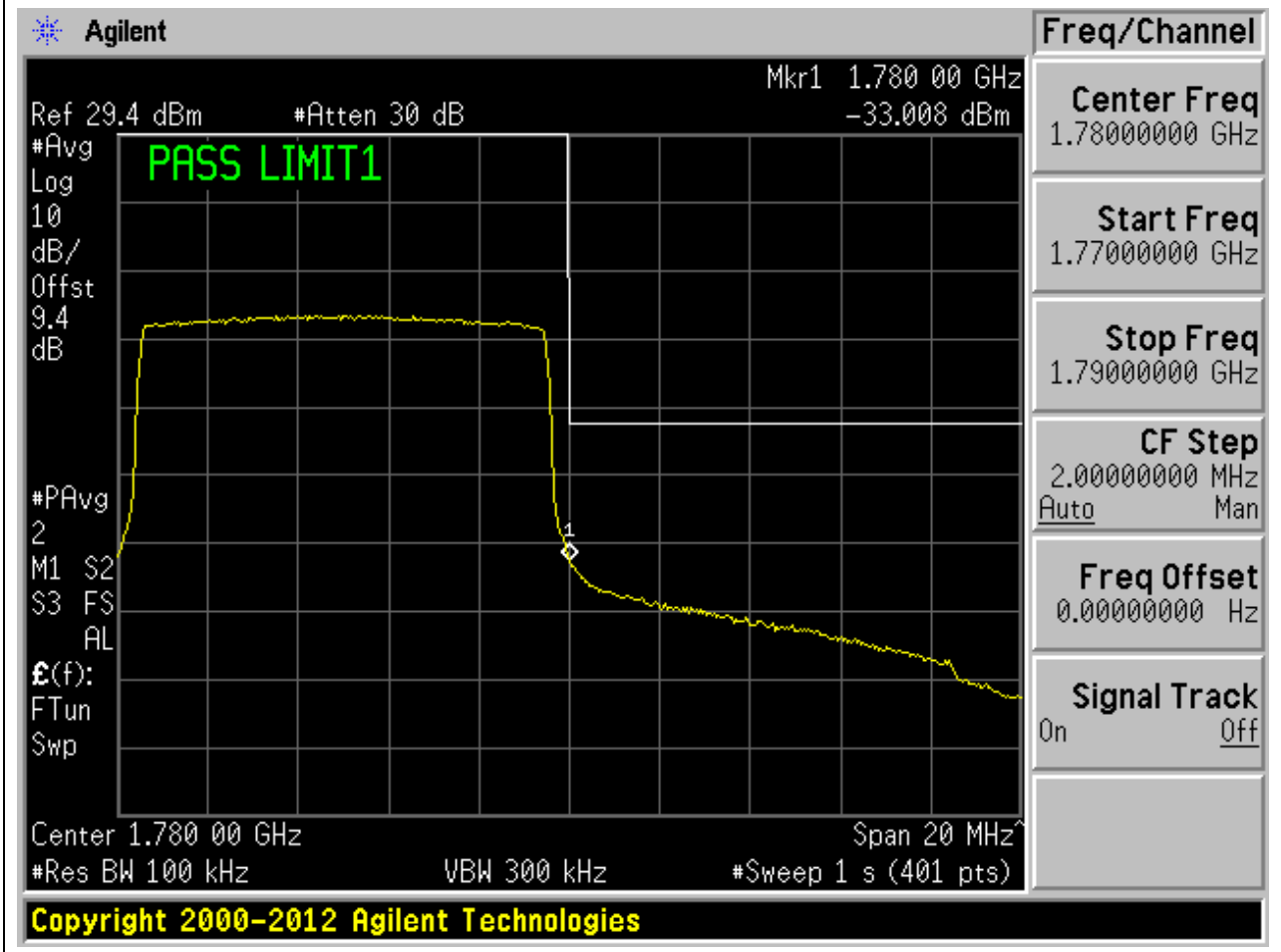
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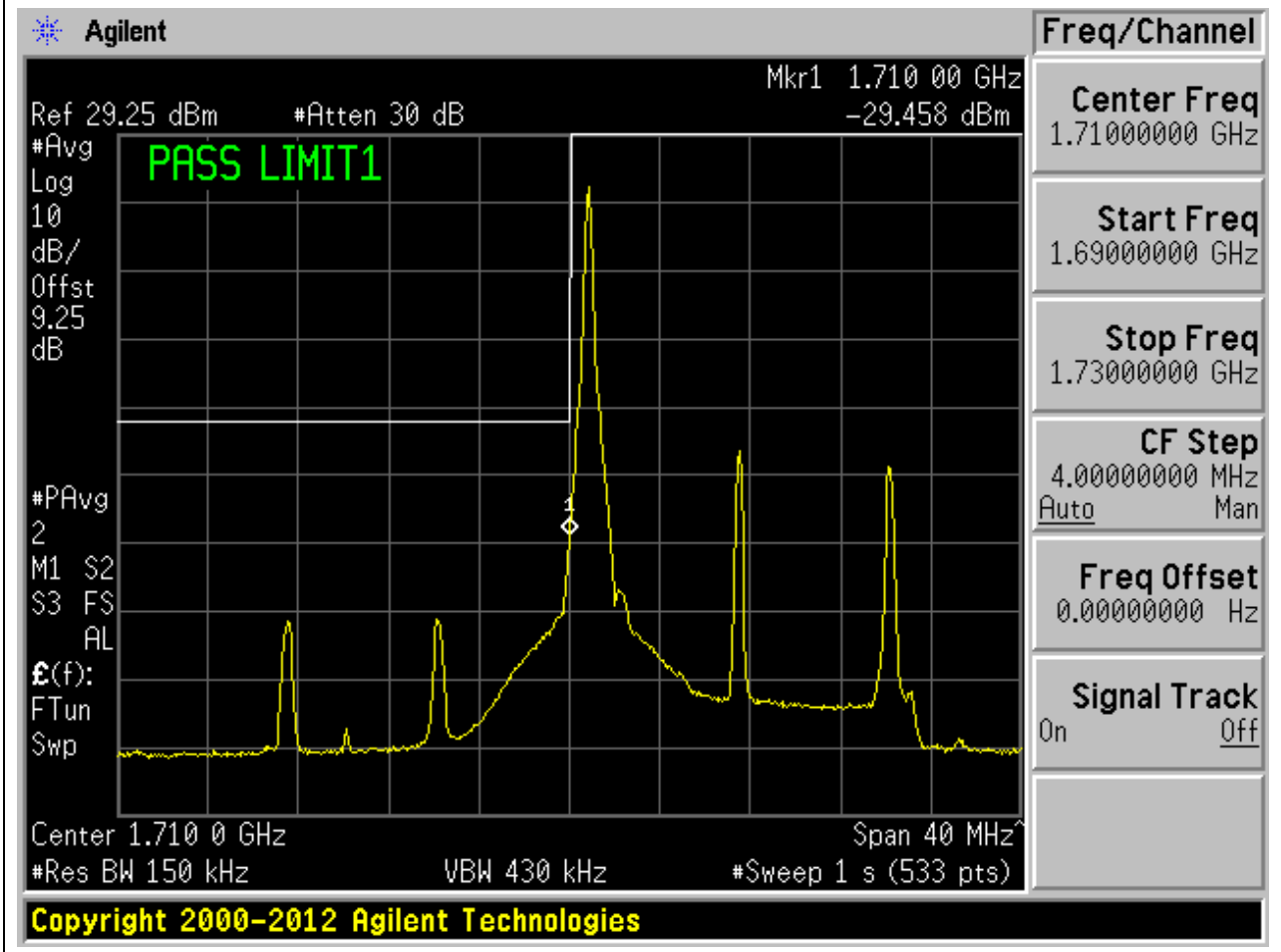
1.32. LTE Band Edge(NTNV)(Subtest:32, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	20	0.1	RMS	1780	-33.01	Pass	401



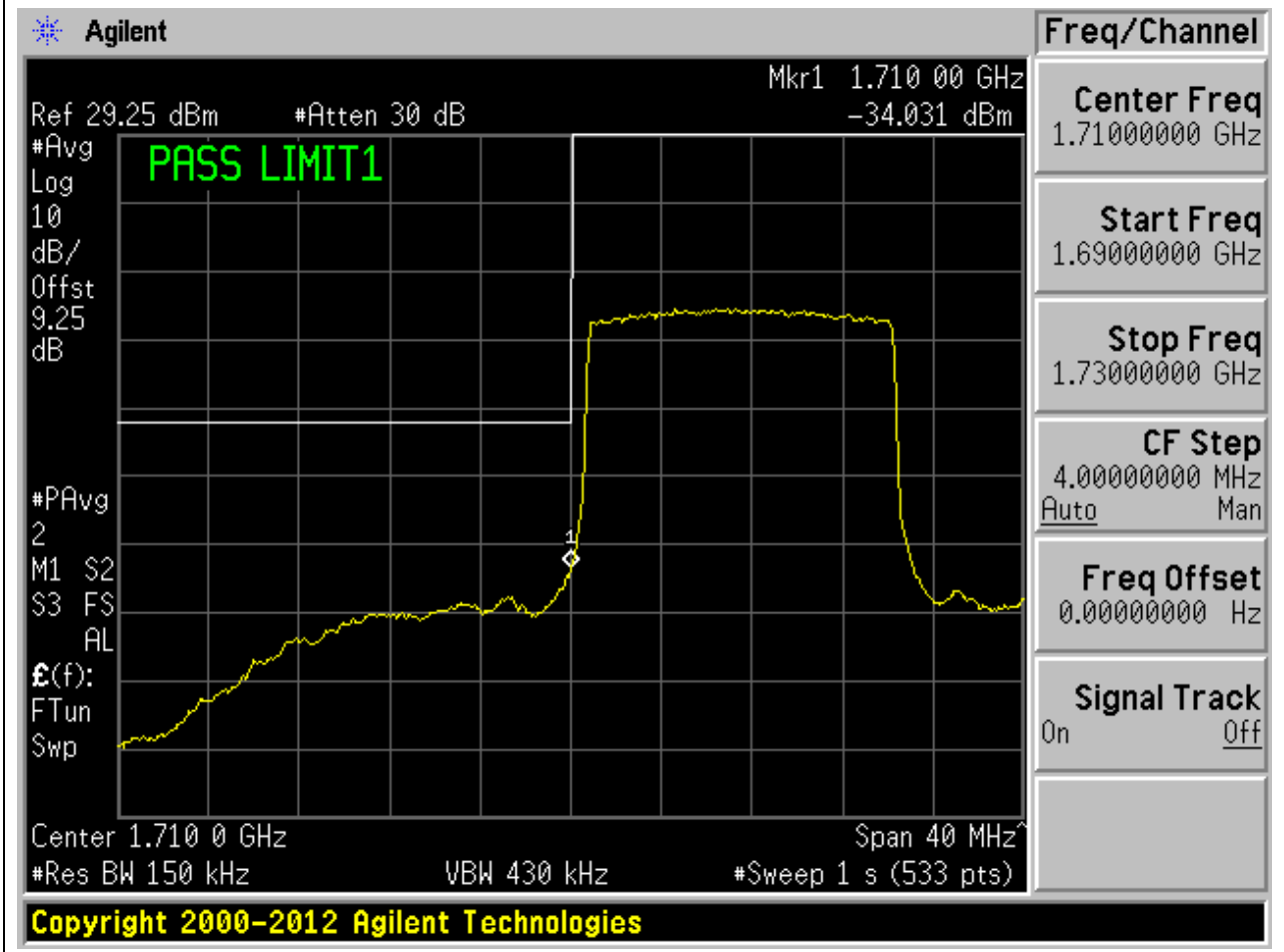
1.33. LTE Band Edge(NTNV)(Subtest:33, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	40	0.15	RMS	1710	-29.46	Pass	533



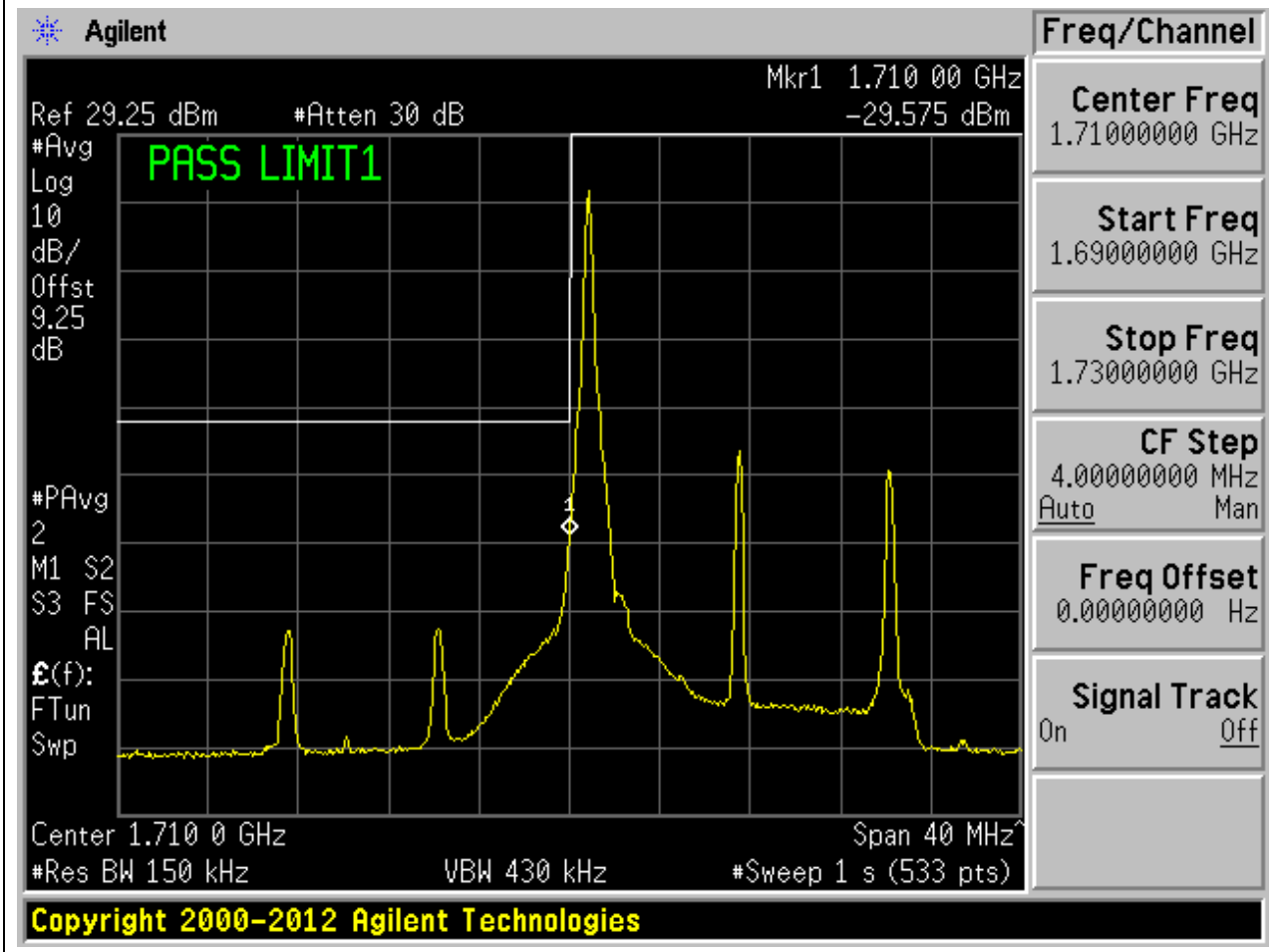
1.34. LTE Band Edge(NTNV)(Subtest:34, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	40	0.15	RMS	1710	-34.03	Pass	533



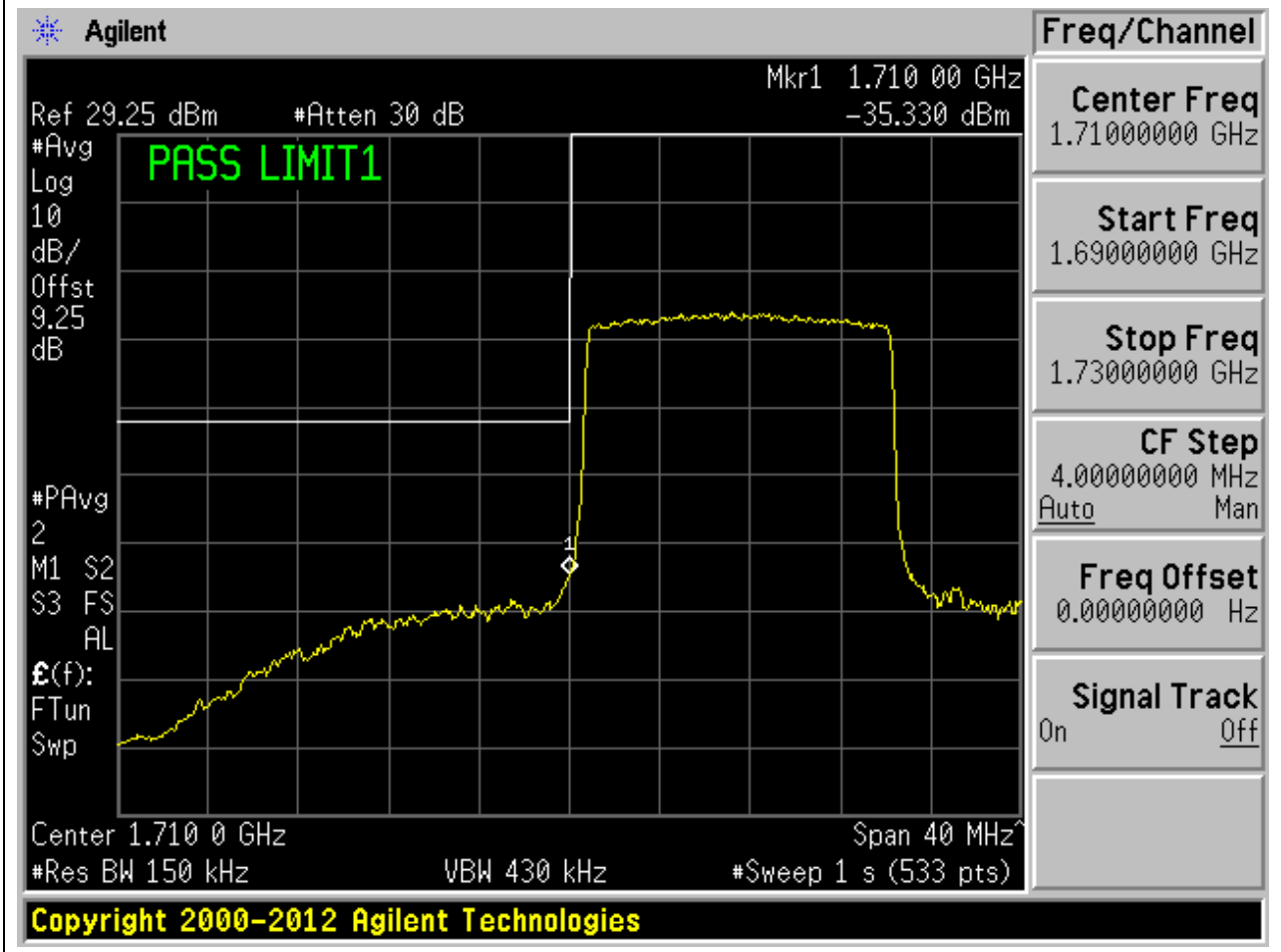
1.35. LTE Band Edge(NTNV)(Subtest:35, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	40	0.15	RMS	1710	-29.58	Pass	533



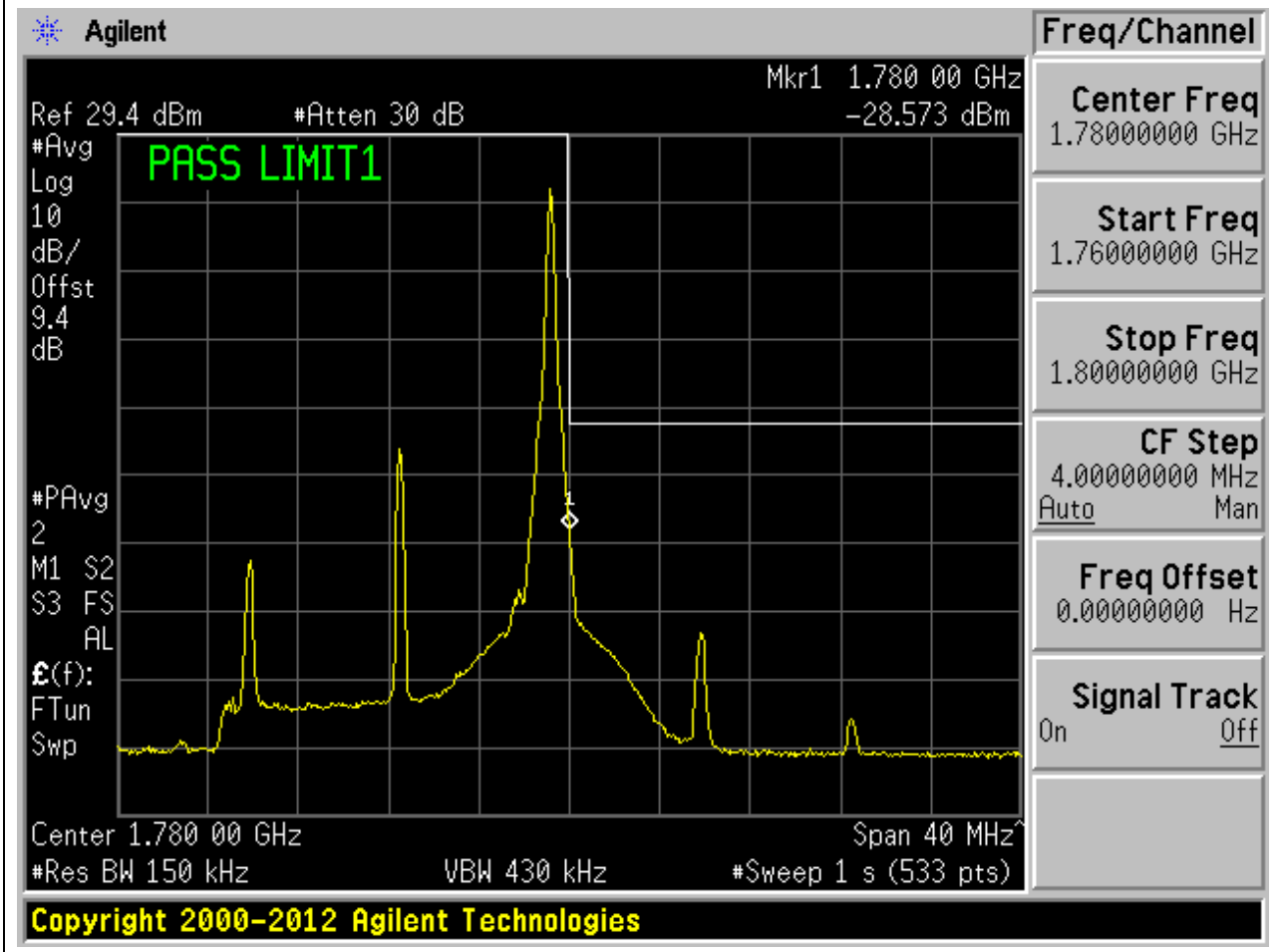
1.36. LTE Band Edge(NTNV)(Subtest:36, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	40	0.15	RMS	1710	-35.33	Pass	533



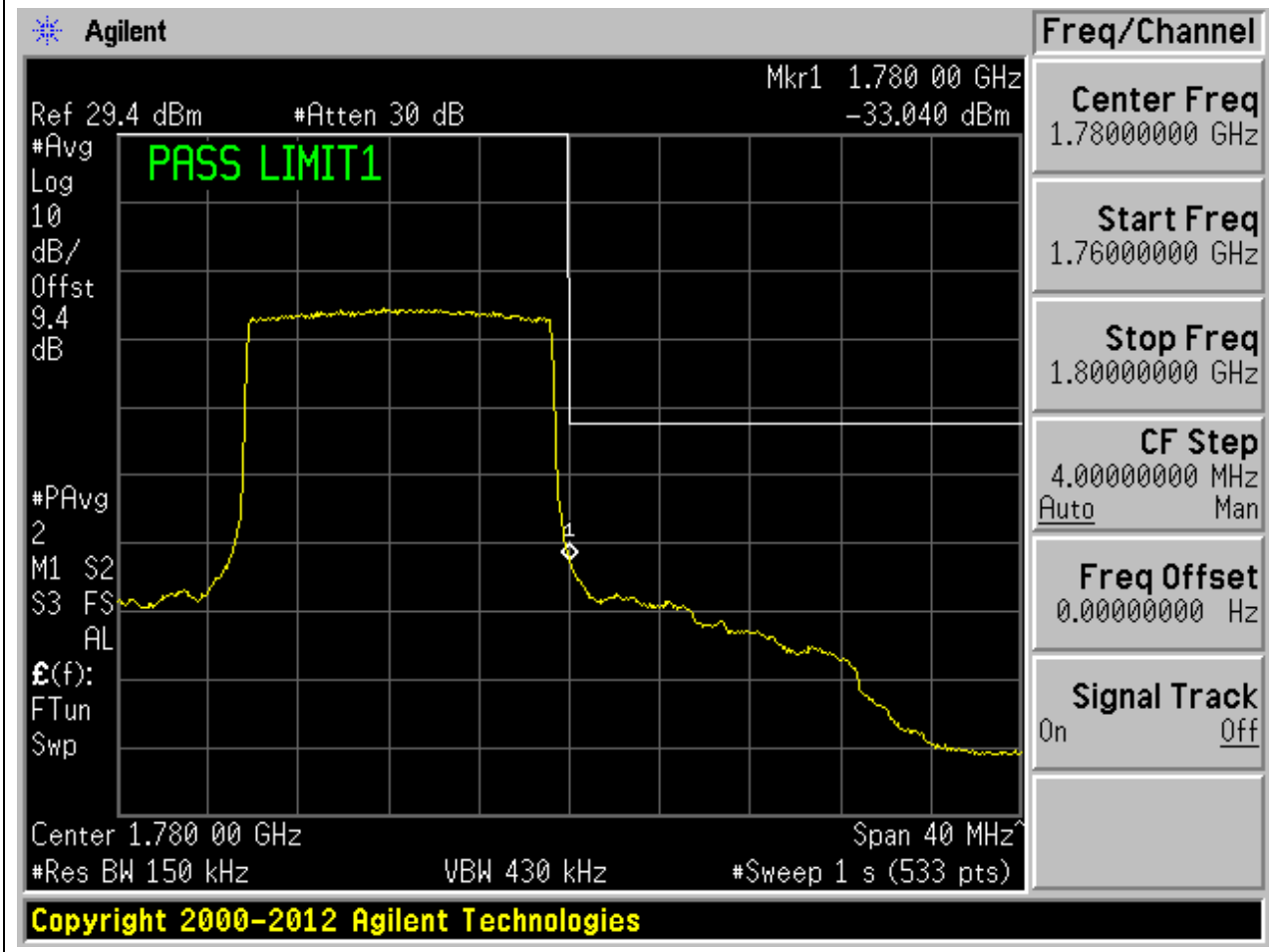
1.37. LTE Band Edge(NTNV)(Subtest:37, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	40	0.15	RMS	1780	-28.57	Pass	533



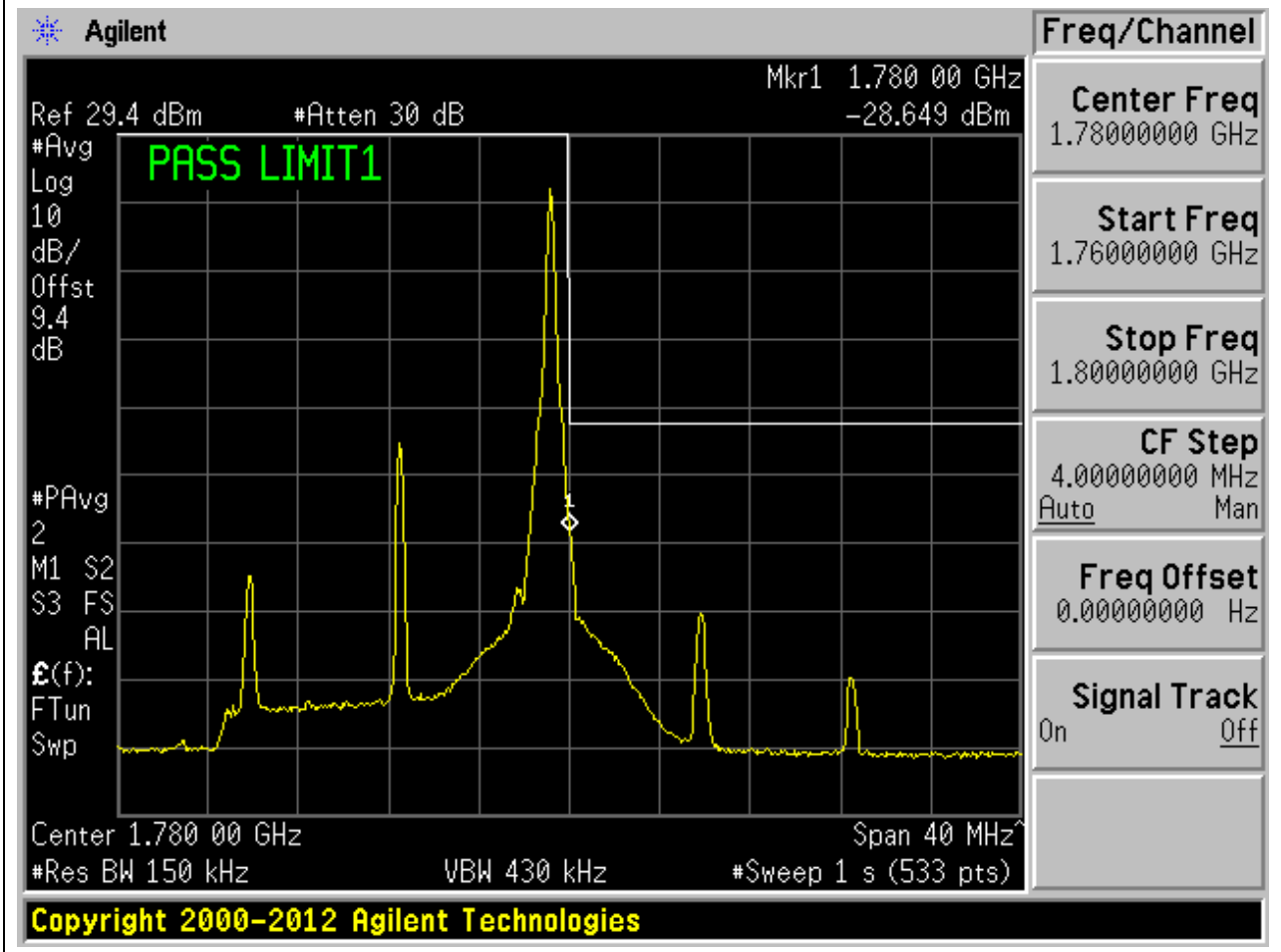
1.38. LTE Band Edge(NTNV)(Subtest:38, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	40	0.15	RMS	1780	-33.04	Pass	533



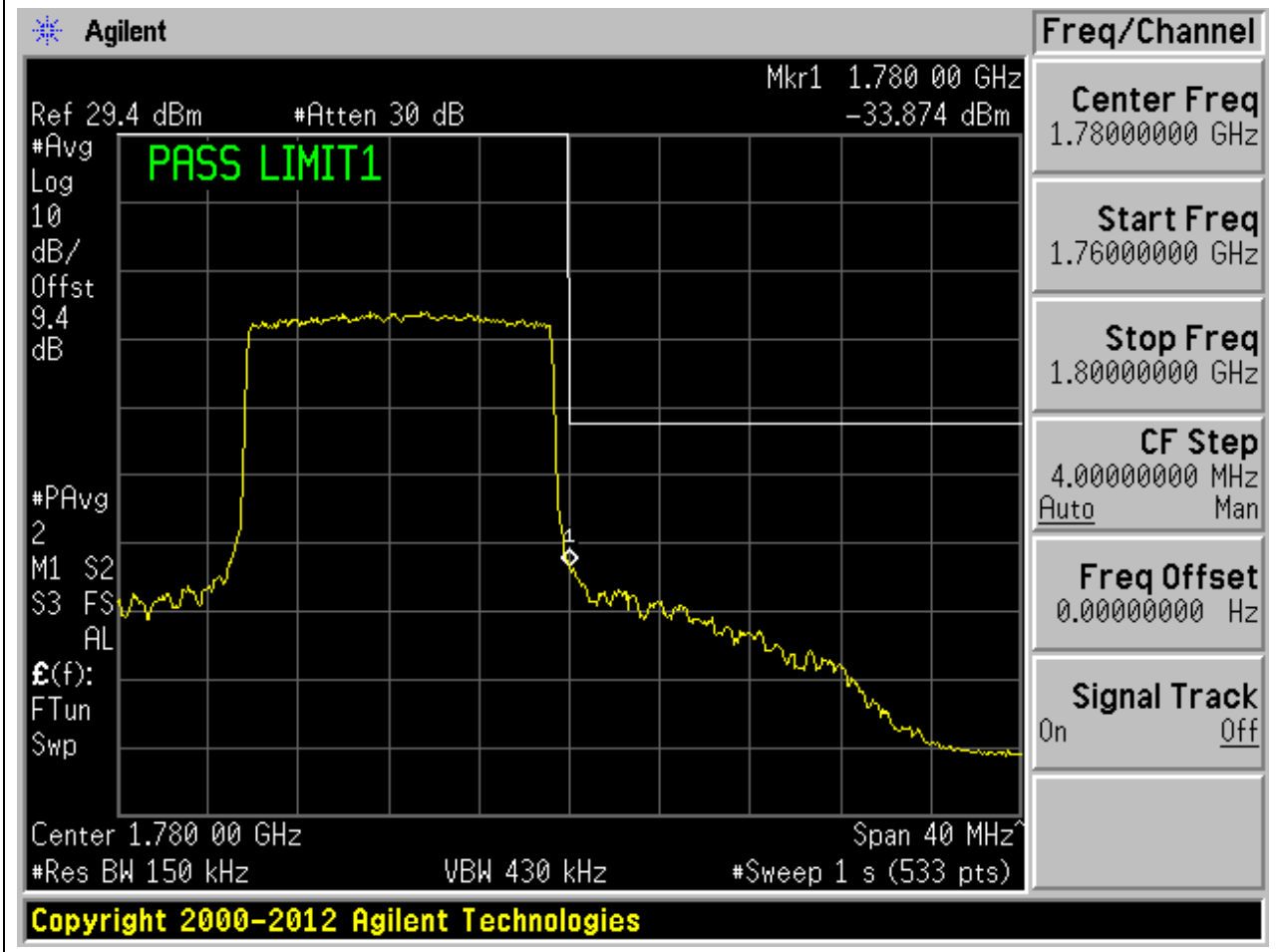
1.39. LTE Band Edge(NTNV)(Subtest:39, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	40	0.15	RMS	1780	-28.65	Pass	533



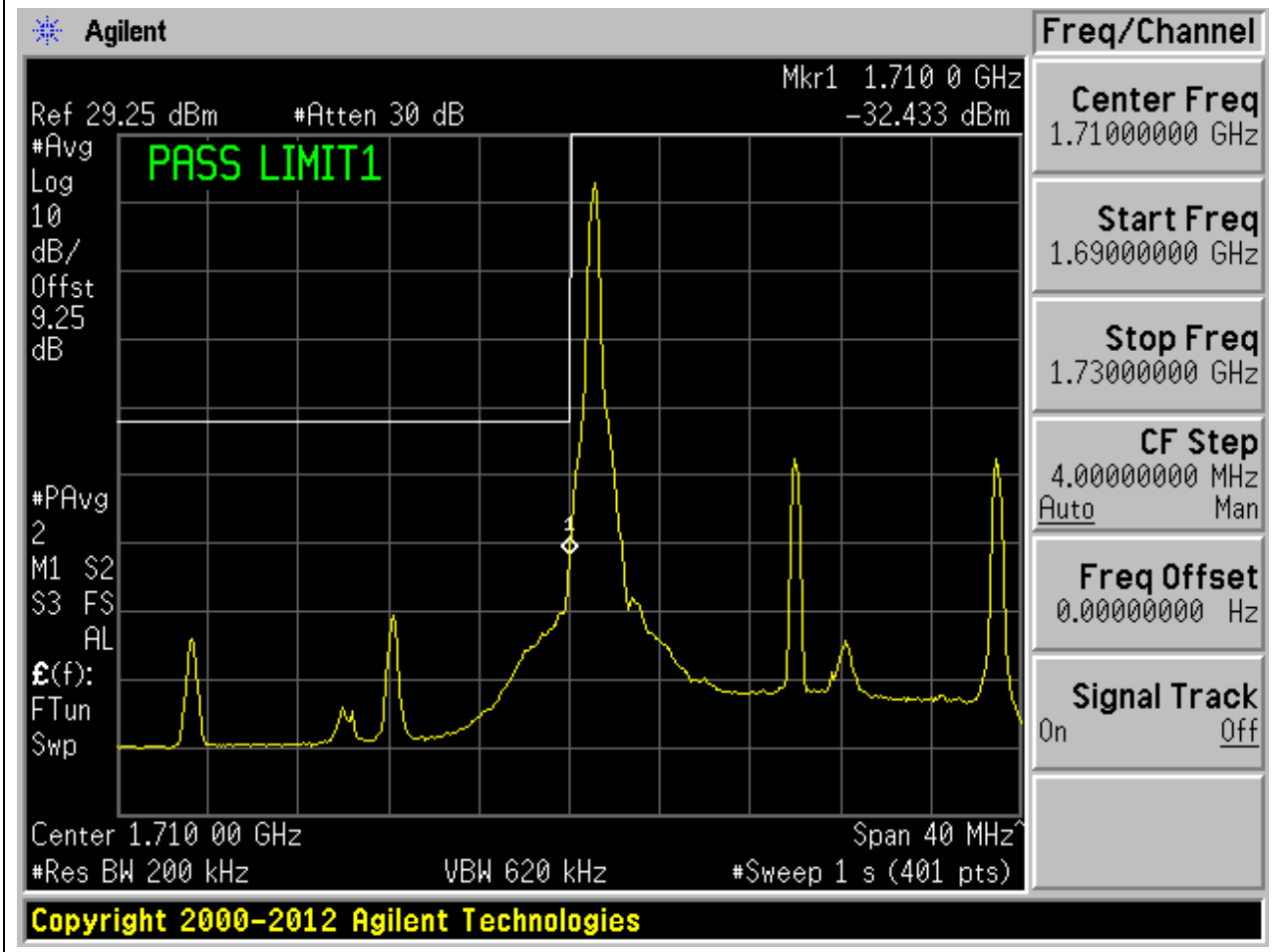
1.40. LTE Band Edge(NTNV)(Subtest:40, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	40	0.15	RMS	1780	-33.87	Pass	533



1.41. LTE Band Edge(NTNV)(Subtest:41, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	40	0.2	RMS	1710	-32.43	Pass	401



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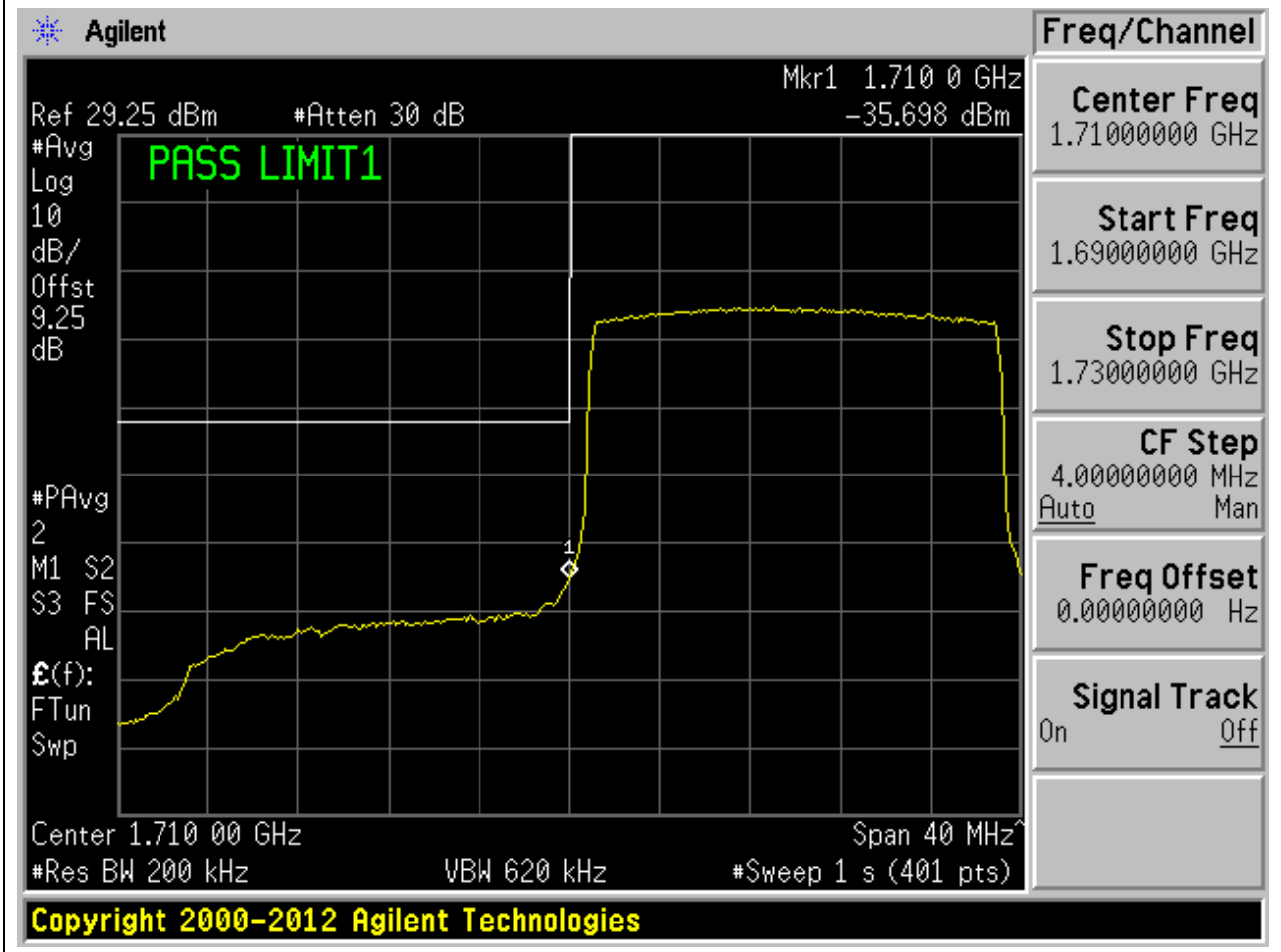
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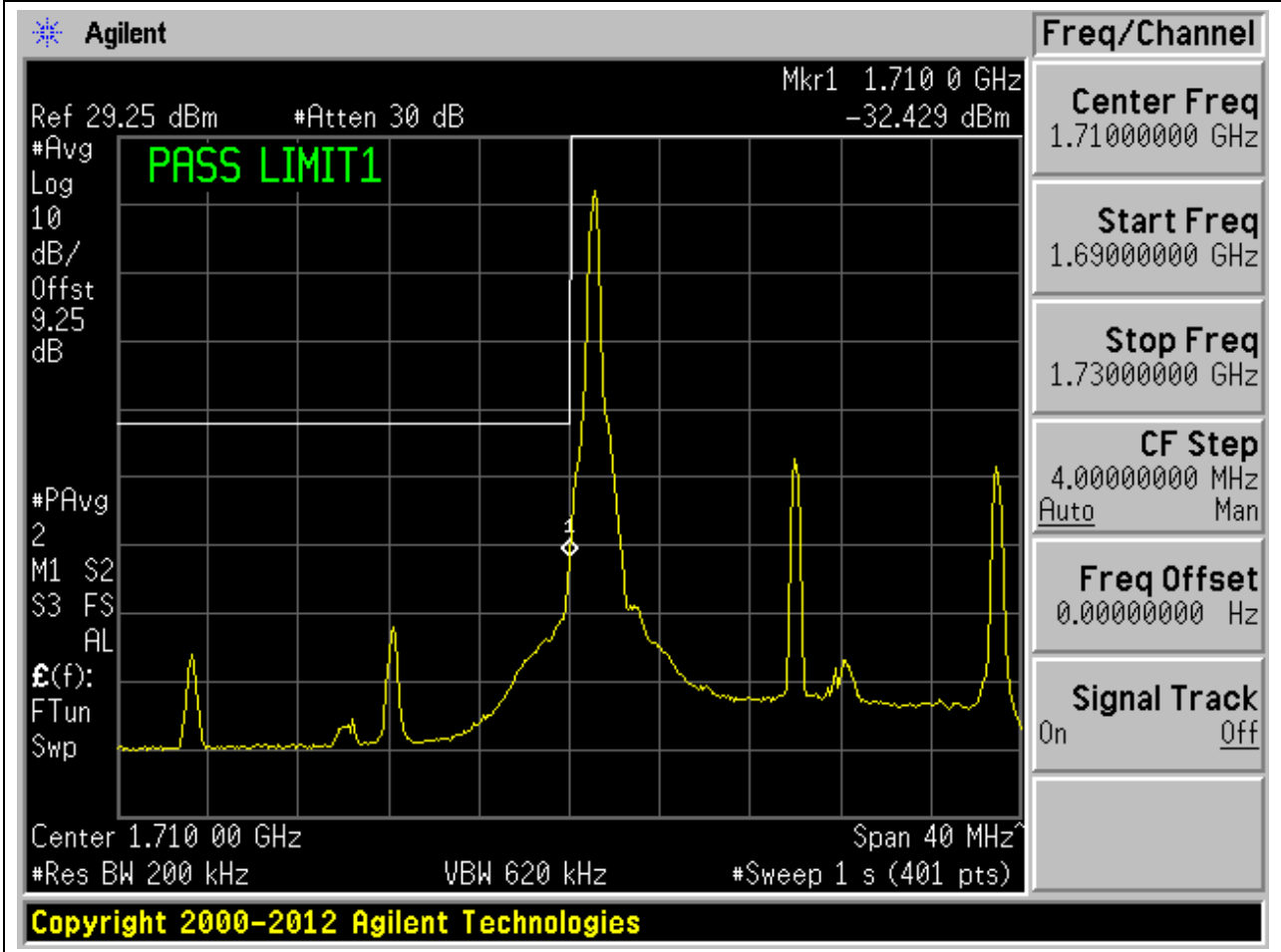
1.42. LTE Band Edge(NTNV)(Subtest:42, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	40	0.2	RMS	1710	-35.7	Pass	401



1.43. LTE Band Edge(NTNV)(Subtest:43, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

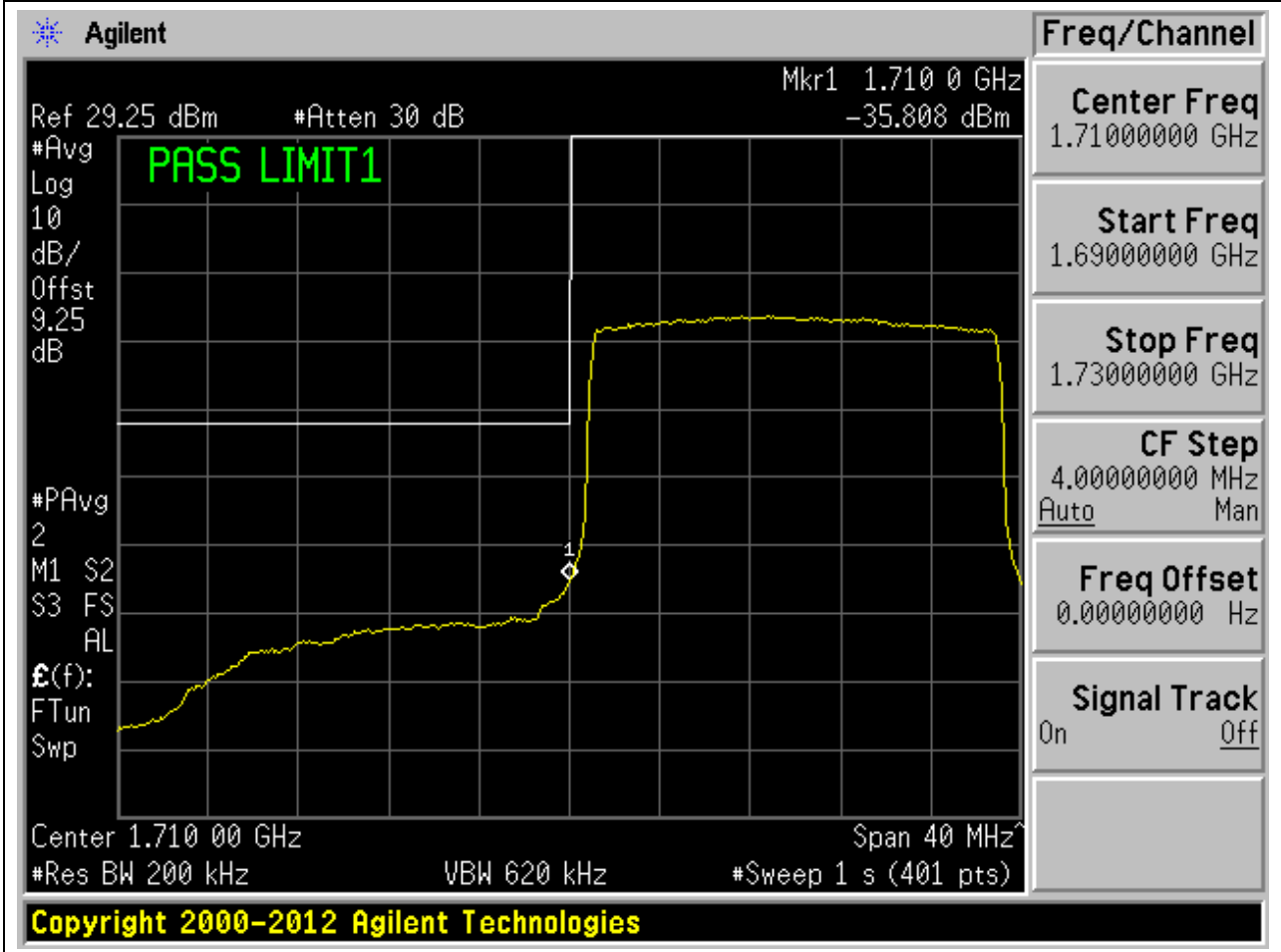
Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	40	0.2	RMS	1710	-32.43	Pass	401



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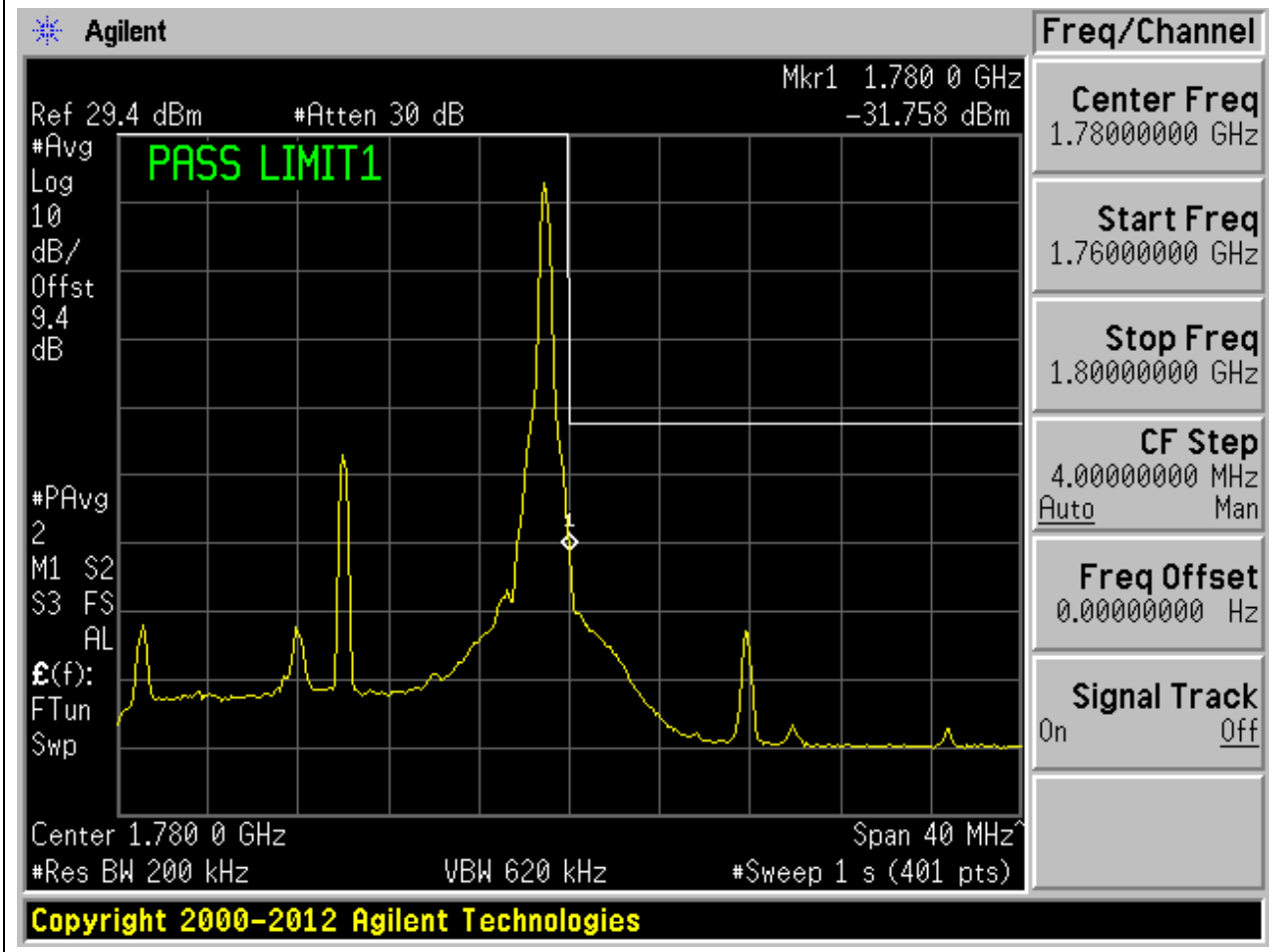
1.44. LTE Band Edge(NTNV)(Subtest:44, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1710	40	0.2	RMS	1710	-35.81	Pass	401



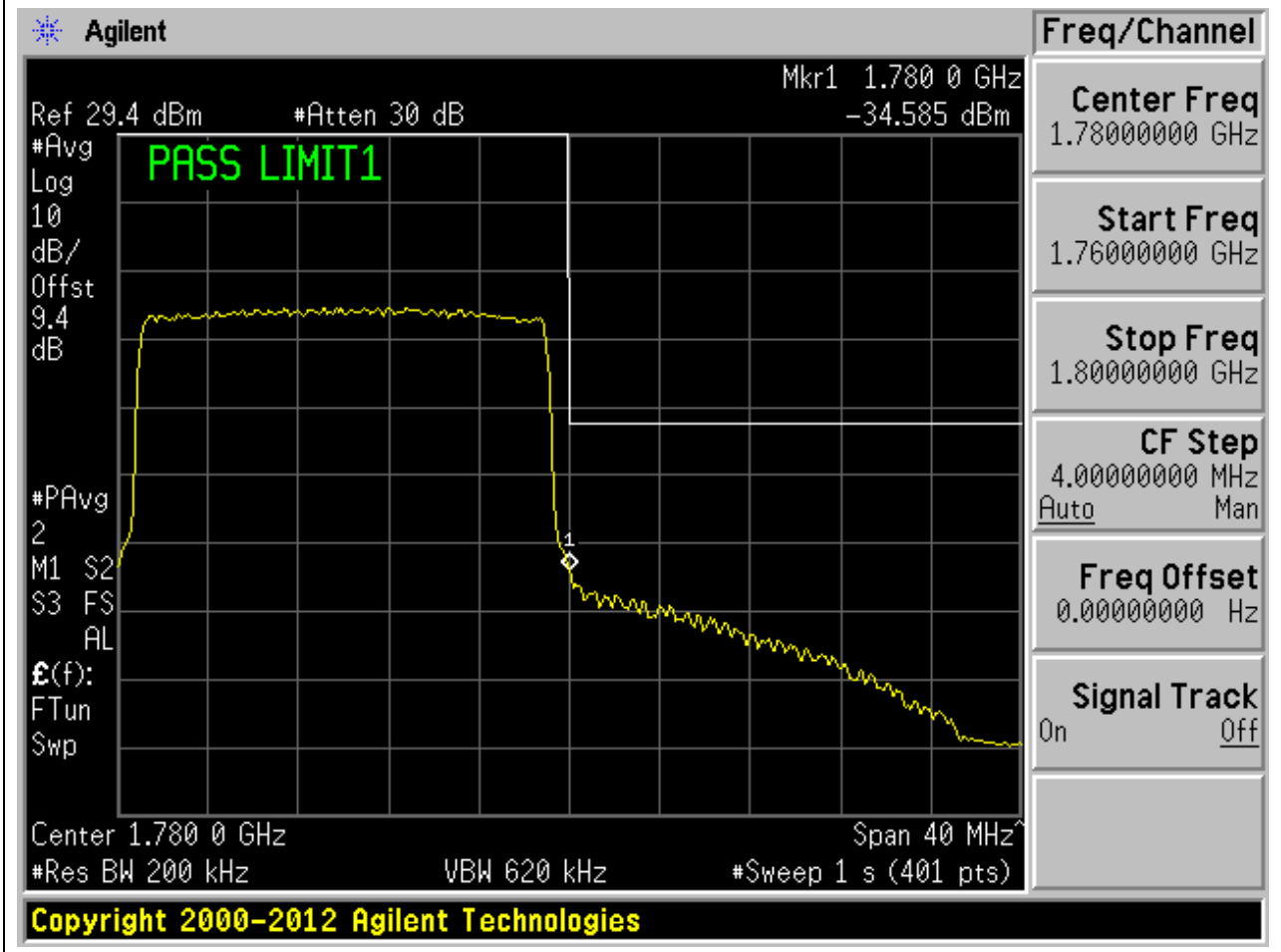
1.45. LTE Band Edge(NTNV)(Subtest:45, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	40	0.2	RMS	1780	-31.76	Pass	401



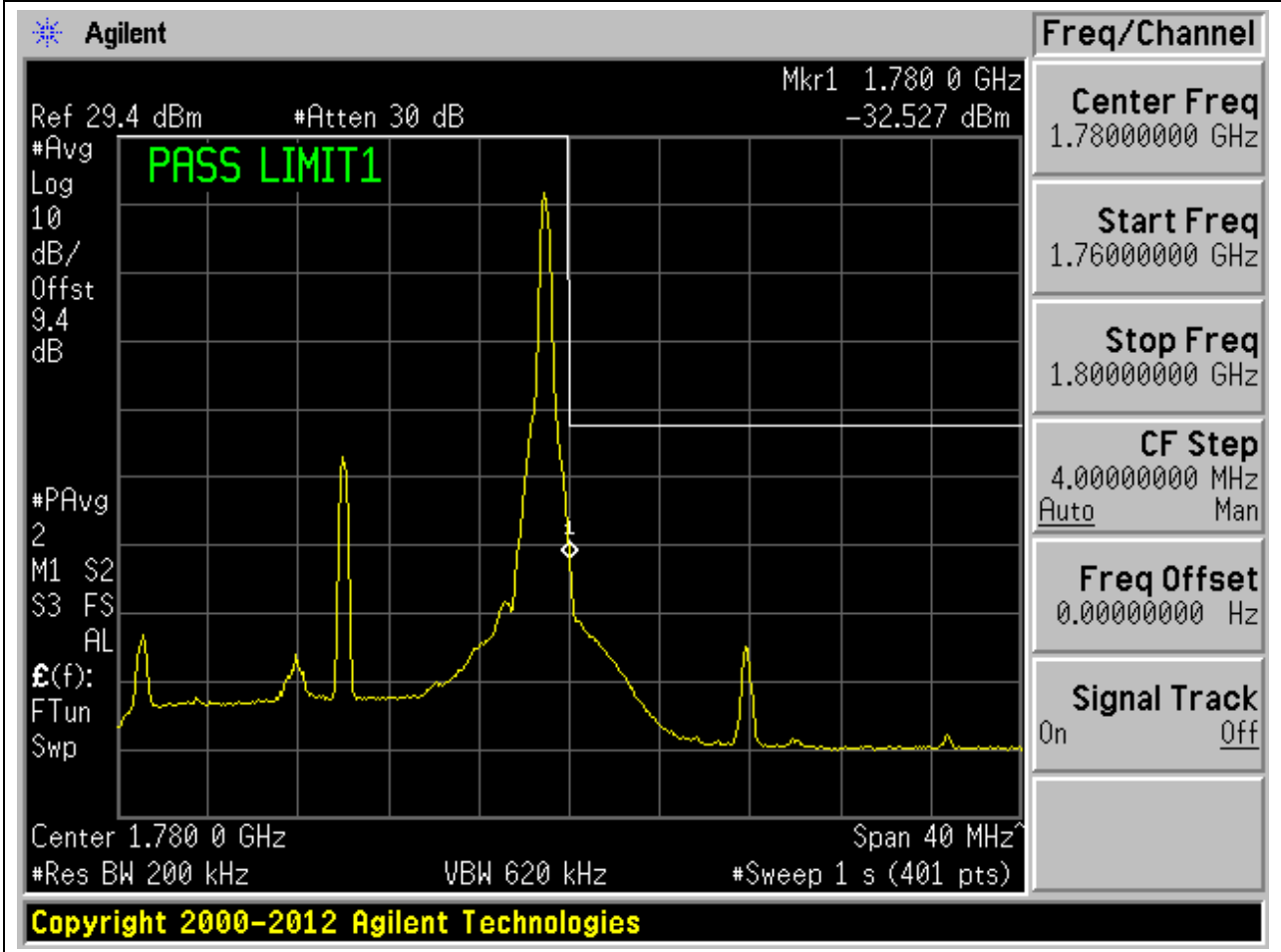
1.46. LTE Band Edge(NTNV)(Subtest:46, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	40	0.2	RMS	1780	-34.58	Pass	401



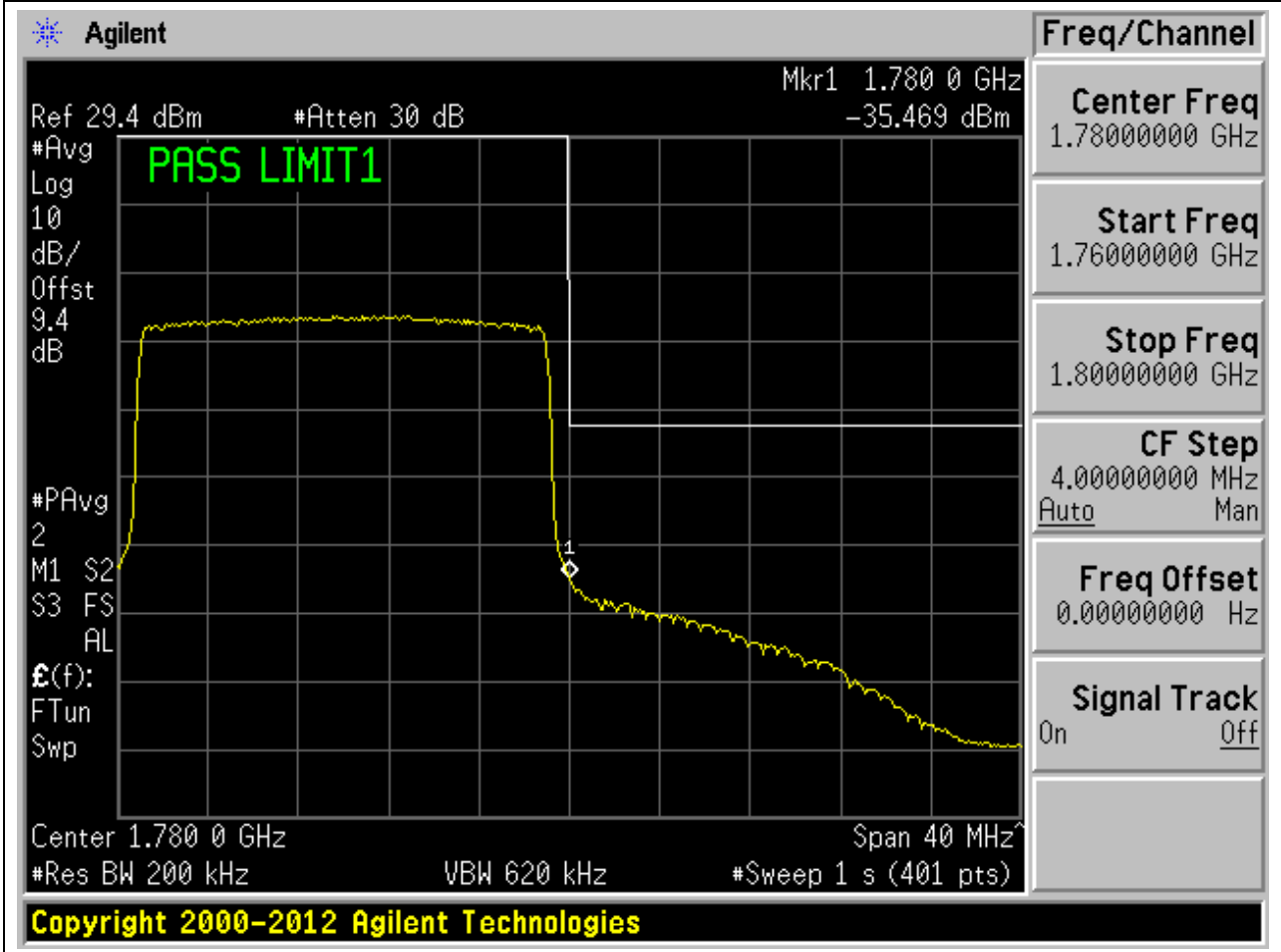
1.47. LTE Band Edge(NTNV)(Subtest:47, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	40	0.2	RMS	1780	-32.53	Pass	401



1.48. LTE Band Edge(NTNV)(Subtest:48, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:HIGH)

Center Frequency (MHz)	Span (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Verdict	Sweep Point
1780	40	0.2	RMS	1780	-35.47	Pass	401

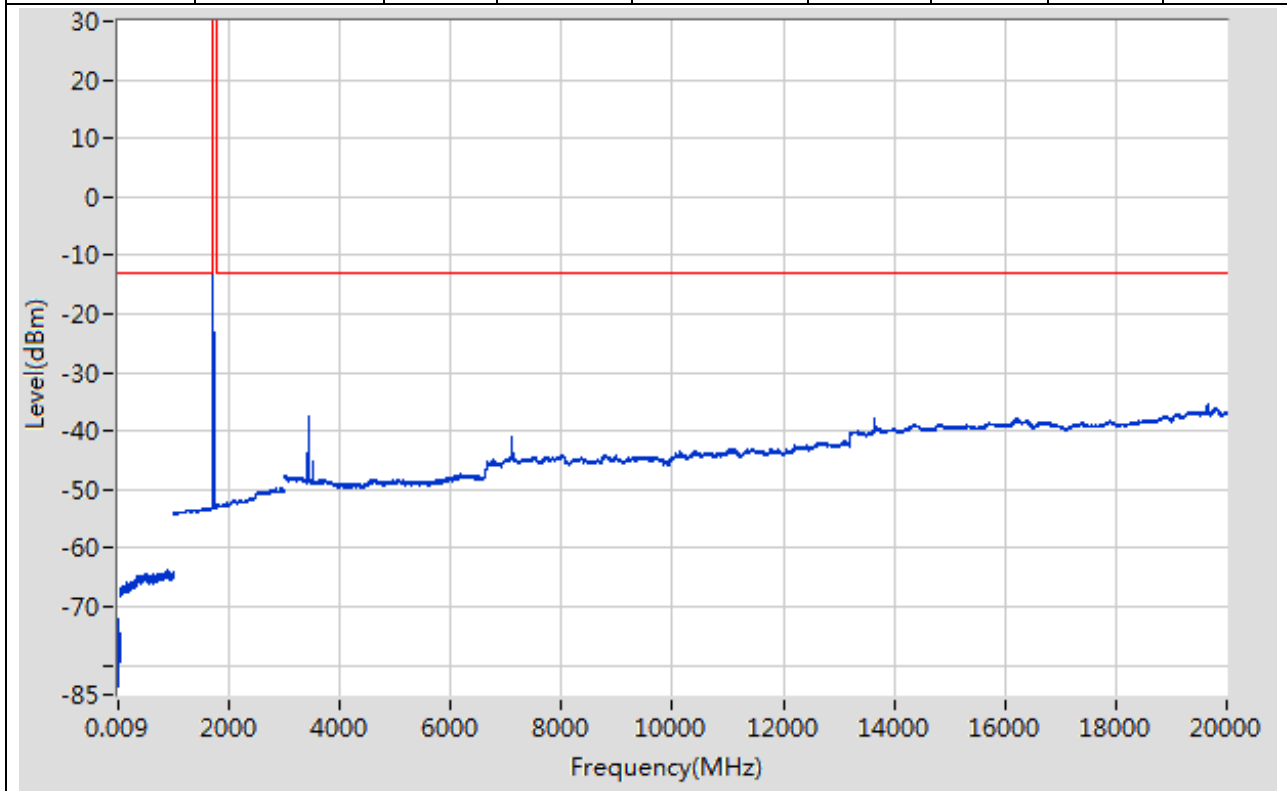


Appendix E: Conducted Spurious Emission

Test Result

1.1. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:13, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.014	-73.31	-13	Pass	401
0.15	30	0.01	RMS	0.16	-72.03	-13	Pass	2985
30	1000	0.1	RMS	872.531	-63.81	-13	Pass	9699
1000	1700	1	RMS	1700	-51.19	-13	Pass	700
1700	1790	1	RMS	1710.125	22.75	60	Pass	401
1790	3000	1	RMS	2948.958	-49.67	-13	Pass	1210
3000	12000	1	RMS	3421.051	-37.61	-13	Pass	9000
12000	20000	1	RMS	19648.956	-35.21	-13	Pass	8000



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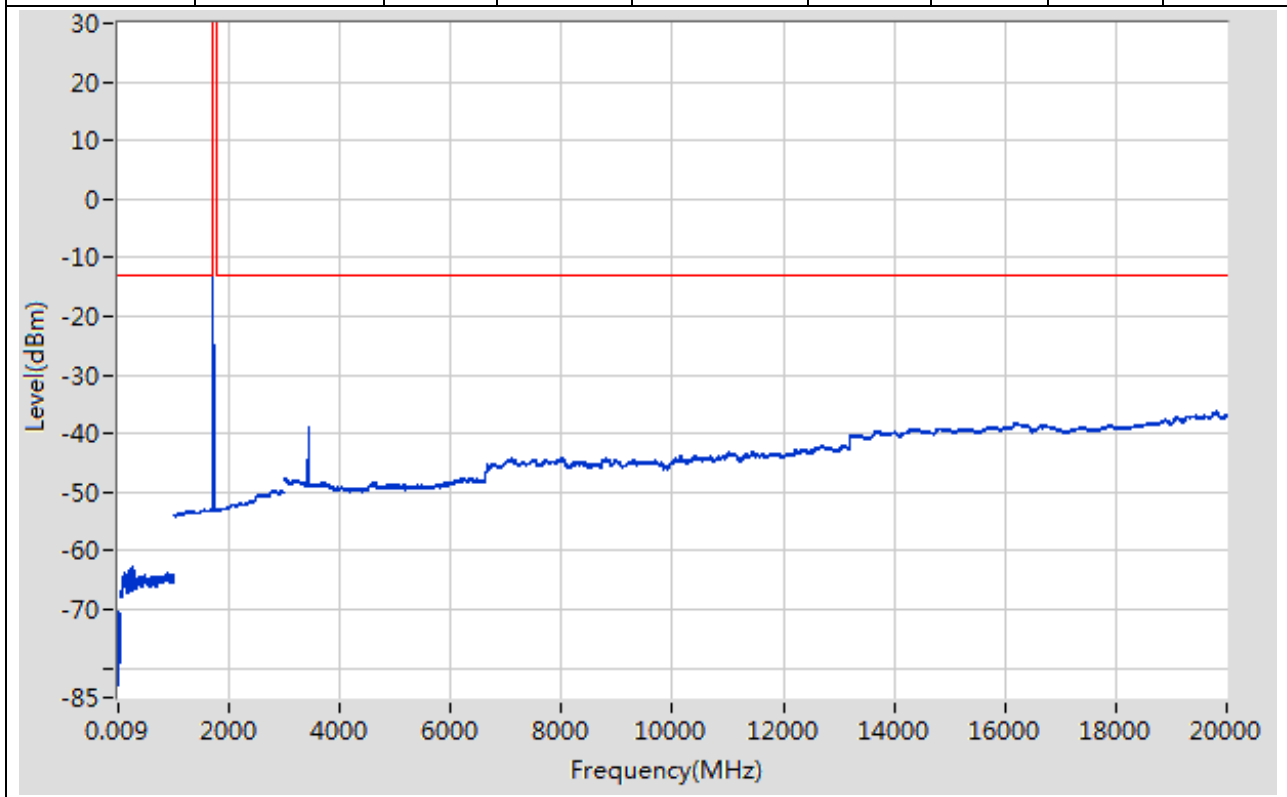
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1.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:14, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-72.01	-13	Pass	401
0.15	30	0.01	RMS	6.272	-70.22	-13	Pass	2985
30	1000	0.1	RMS	242.726	-62.78	-13	Pass	9699
1000	1700	1	RMS	1700	-51.54	-13	Pass	700
1700	1790	1	RMS	1710.125	21.58	60	Pass	401
1790	3000	1	RMS	2951.96	-49.61	-13	Pass	1210
3000	12000	1	RMS	3421.051	-38.78	-13	Pass	9000
12000	20000	1	RMS	19797.975	-36.19	-13	Pass	8000



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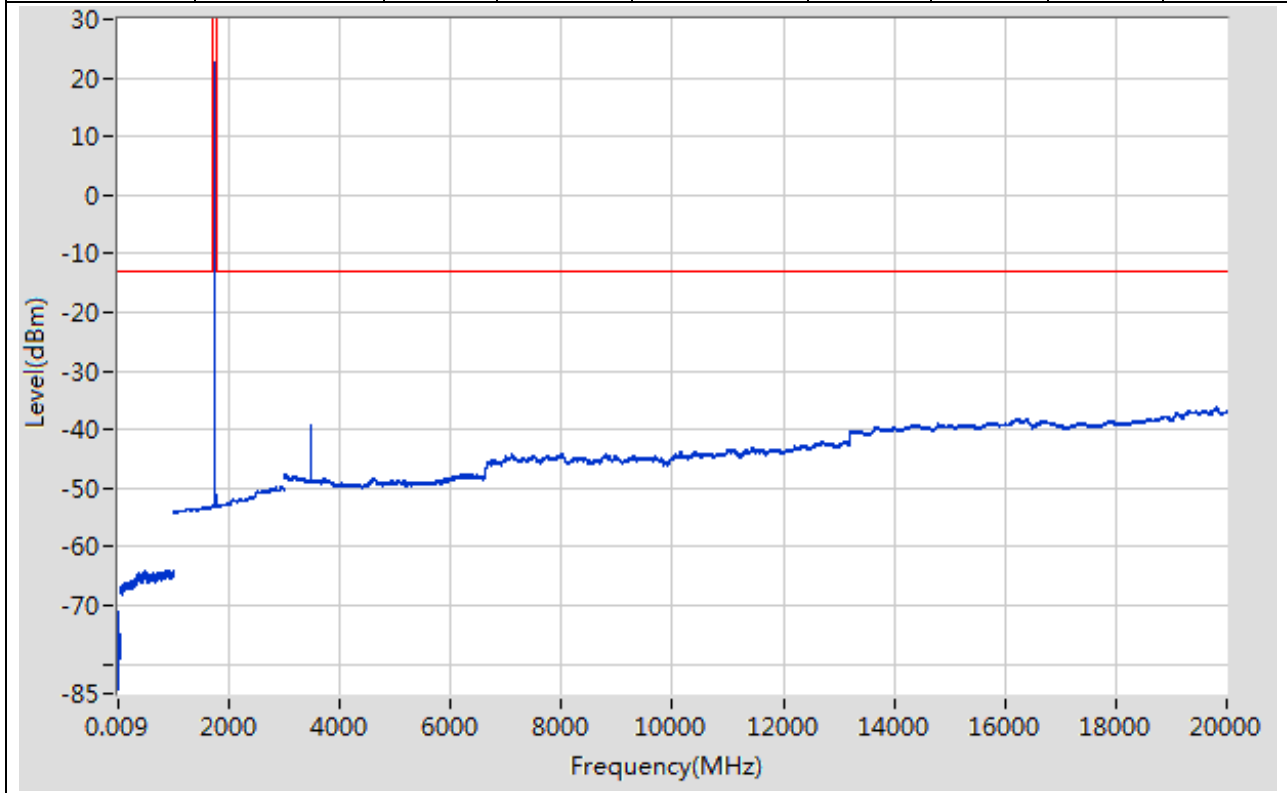
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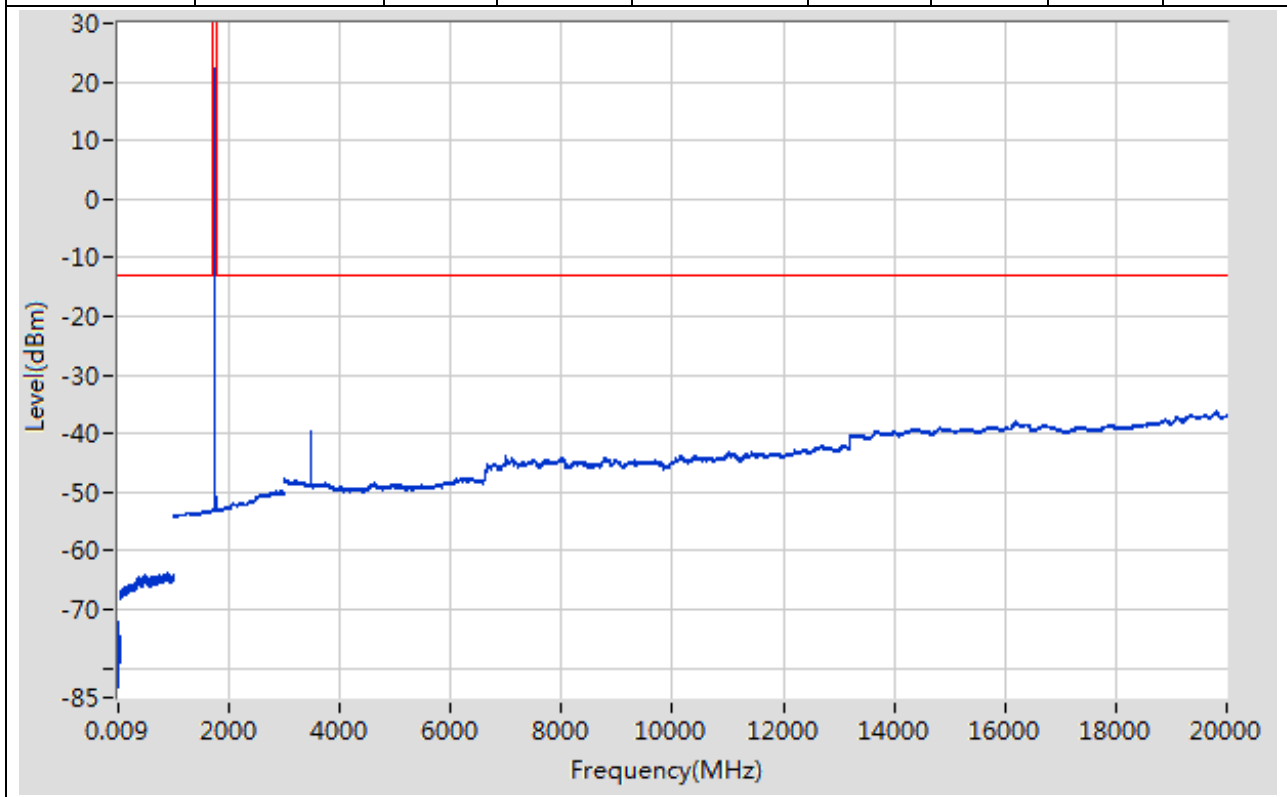
1.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:15, Channel:132322, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-72.7	-13	Pass	401
0.15	30	0.01	RMS	0.16	-71.18	-13	Pass	2985
30	1000	0.1	RMS	906.776	-63.86	-13	Pass	9699
1000	1700	1	RMS	1697.997	-53	-13	Pass	700
1700	1790	1	RMS	1742.75	22.8	60	Pass	401
1790	3000	1	RMS	2944.955	-49.71	-13	Pass	1210
3000	12000	1	RMS	3486.059	-39.32	-13	Pass	9000
12000	20000	1	RMS	19802.975	-36.12	-13	Pass	8000



1.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:16, Channel:132322, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-72.12	-13	Pass	401
0.15	30	0.01	RMS	0.15	-71.99	-13	Pass	2985
30	1000	0.1	RMS	886.349	-63.84	-13	Pass	9699
1000	1700	1	RMS	1700	-53.02	-13	Pass	700
1700	1790	1	RMS	1742.75	22.23	60	Pass	401
1790	3000	1	RMS	2949.959	-49.67	-13	Pass	1210
3000	12000	1	RMS	3486.059	-39.7	-13	Pass	9000
12000	20000	1	RMS	19799.975	-36.16	-13	Pass	8000



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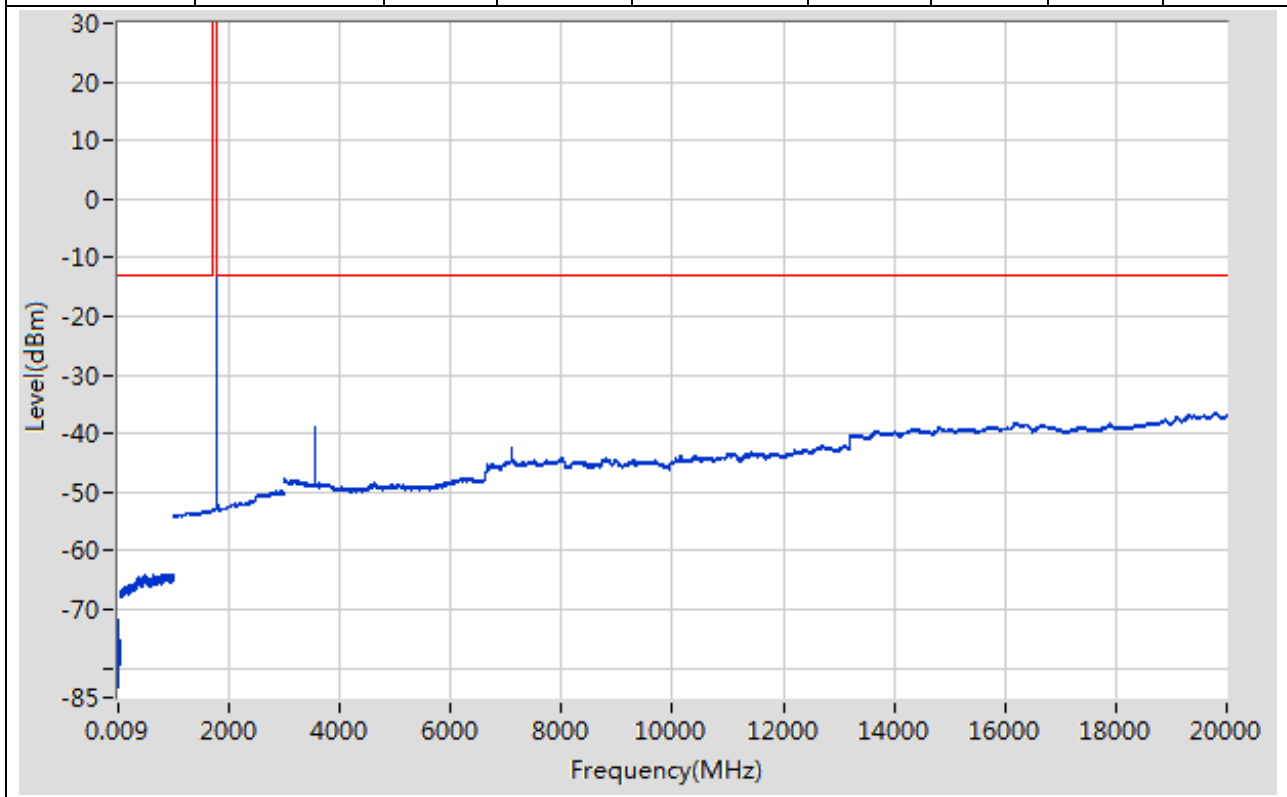
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1.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:17, Channel:132647, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-72.1	-13	Pass	401
0.15	30	0.01	RMS	0.21	-71.65	-13	Pass	2985
30	1000	0.1	RMS	893.158	-63.92	-13	Pass	9699
1000	1700	1	RMS	1697.997	-52.96	-13	Pass	700
1700	1790	1	RMS	1775.15	23.03	60	Pass	401
1790	3000	1	RMS	2953.962	-49.71	-13	Pass	1210
3000	12000	1	RMS	3551.067	-38.74	-13	Pass	9000
12000	20000	1	RMS	19800.975	-36.26	-13	Pass	8000



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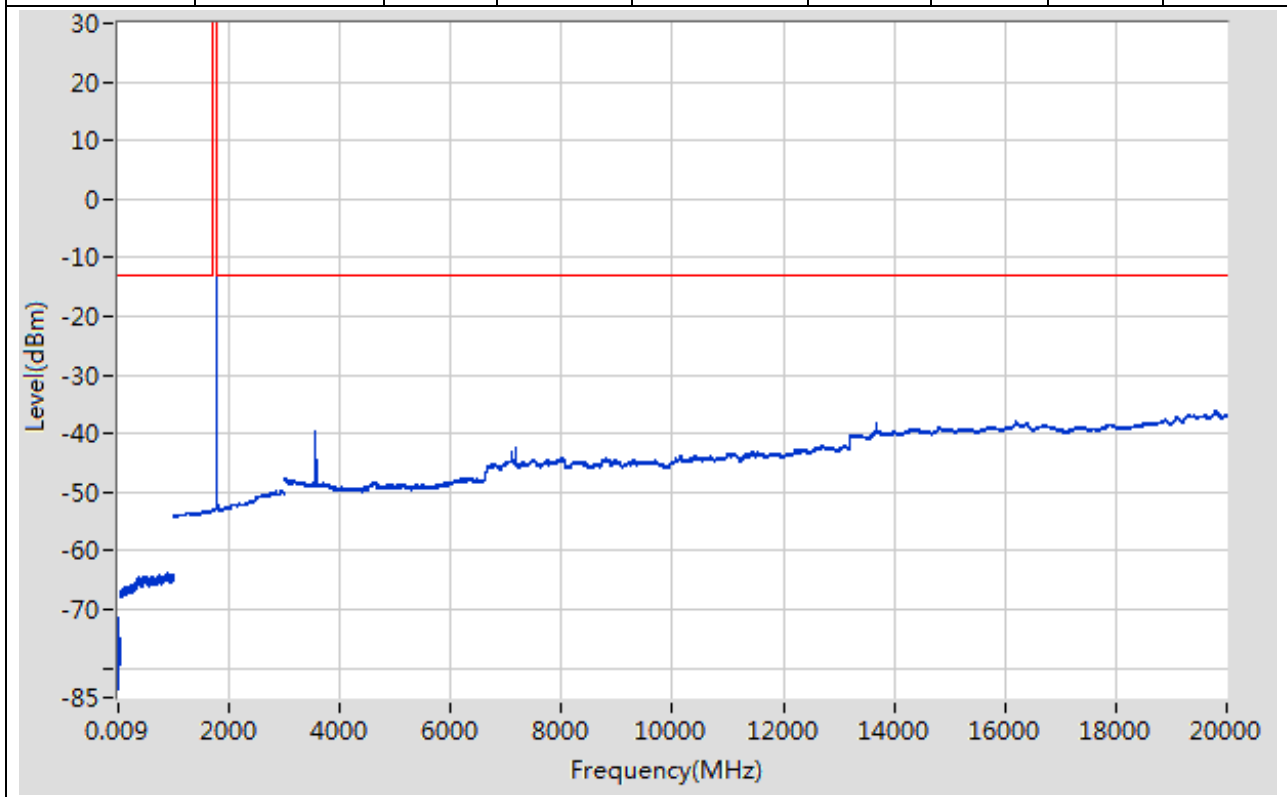
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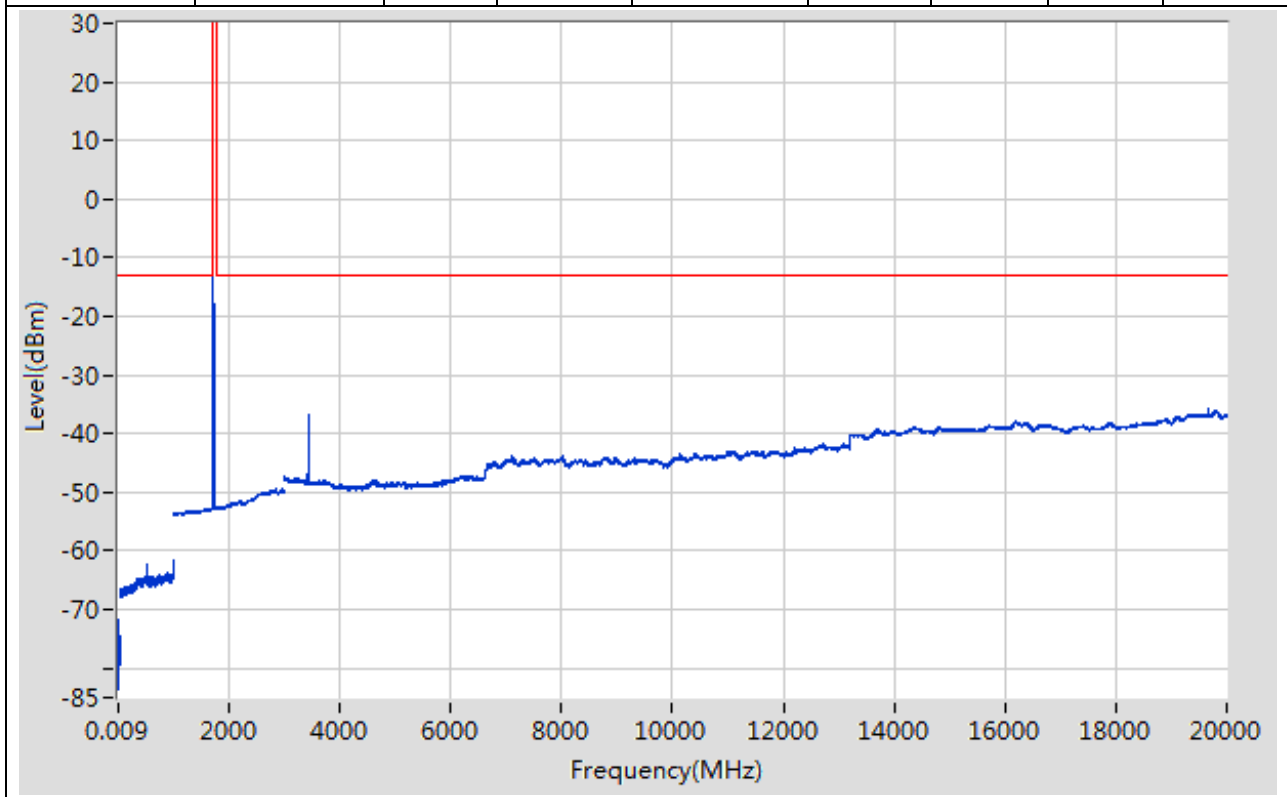
1.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:18, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-73.16	-13	Pass	401
0.15	30	0.01	RMS	0.17	-71.48	-13	Pass	2985
30	1000	0.1	RMS	890.254	-63.78	-13	Pass	9699
1000	1700	1	RMS	1698.999	-52.95	-13	Pass	700
1700	1790	1	RMS	1775.15	21.97	60	Pass	401
1790	3000	1	RMS	2944.955	-49.75	-13	Pass	1210
3000	12000	1	RMS	3551.067	-39.66	-13	Pass	9000
12000	20000	1	RMS	19800.975	-36.15	-13	Pass	8000



1.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:19, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-72.52	-13	Pass	401
0.15	30	0.01	RMS	0.17	-71.8	-13	Pass	2985
30	1000	0.1	RMS	989.286	-61.69	-13	Pass	9699
1000	1700	1	RMS	1692.99	-39.51	-13	Pass	700
1700	1790	1	RMS	1710.575	22.86	60	Pass	401
1790	3000	1	RMS	2945.955	-49.5	-13	Pass	1210
3000	12000	1	RMS	3421.051	-36.91	-13	Pass	9000
12000	20000	1	RMS	19673.959	-35.6	-13	Pass	8000



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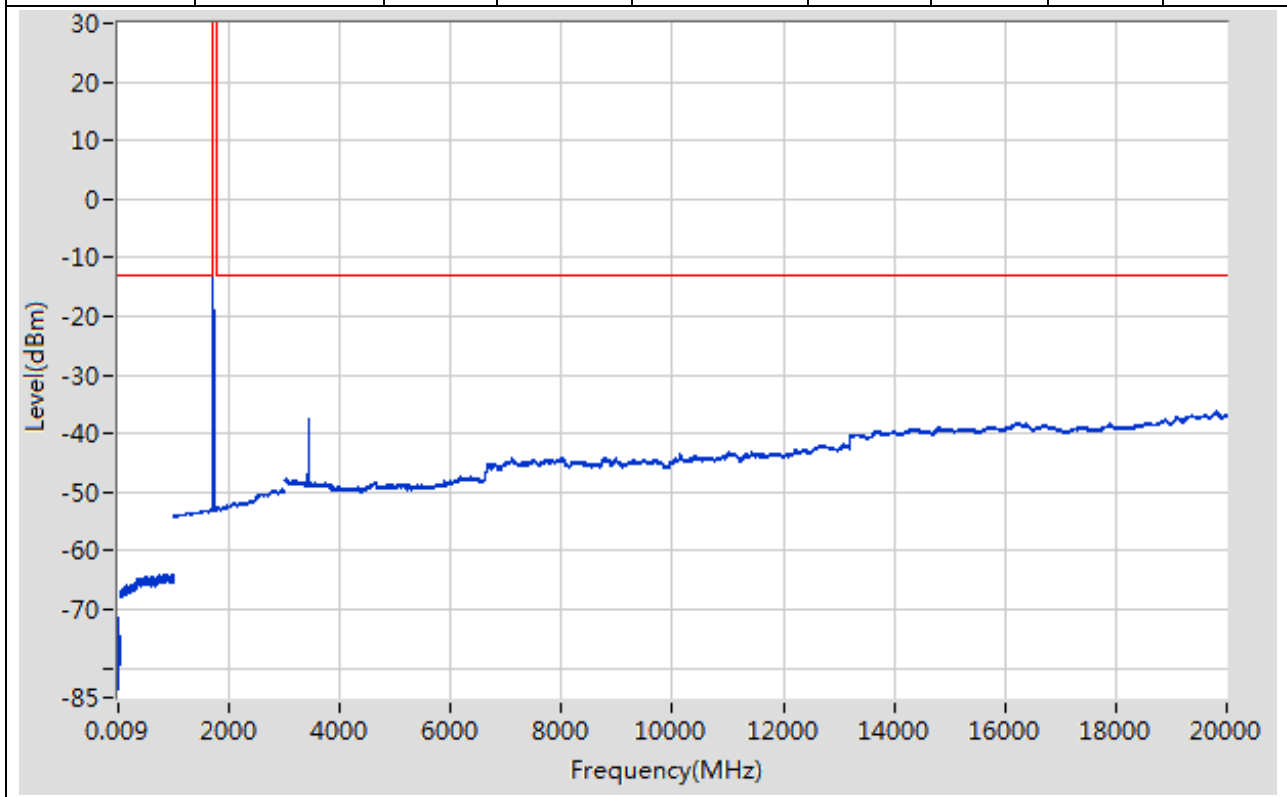
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1.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:20, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-71.2	-13	Pass	401
0.15	30	0.01	RMS	0.16	-71.52	-13	Pass	2985
30	1000	0.1	RMS	876.636	-63.89	-13	Pass	9699
1000	1700	1	RMS	1692.99	-41.7	-13	Pass	700
1700	1790	1	RMS	1710.575	22.02	60	Pass	401
1790	3000	1	RMS	2952.961	-49.47	-13	Pass	1210
3000	12000	1	RMS	3421.051	-37.49	-13	Pass	9000
12000	20000	1	RMS	19796.975	-36.2	-13	Pass	8000



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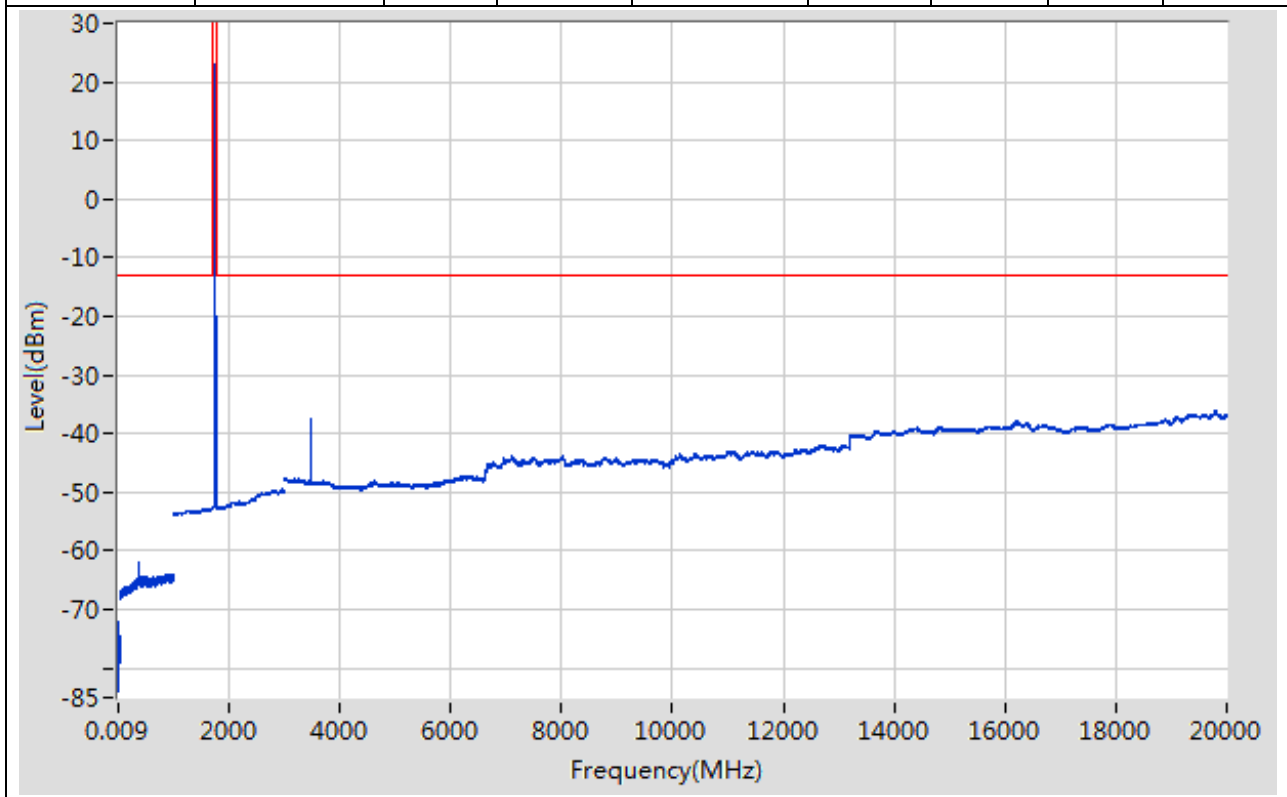
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1.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:21, Channel:132322, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-72.13	-13	Pass	401
0.15	30	0.01	RMS	0.16	-72.06	-13	Pass	2985
30	1000	0.1	RMS	376.042	-61.88	-13	Pass	9699
1000	1700	1	RMS	1697.997	-52.71	-13	Pass	700
1700	1790	1	RMS	1740.5	22.92	60	Pass	401
1790	3000	1	RMS	2945.955	-49.5	-13	Pass	1210
3000	12000	1	RMS	3481.059	-37.59	-13	Pass	9000
12000	20000	1	RMS	19797.975	-36.2	-13	Pass	8000



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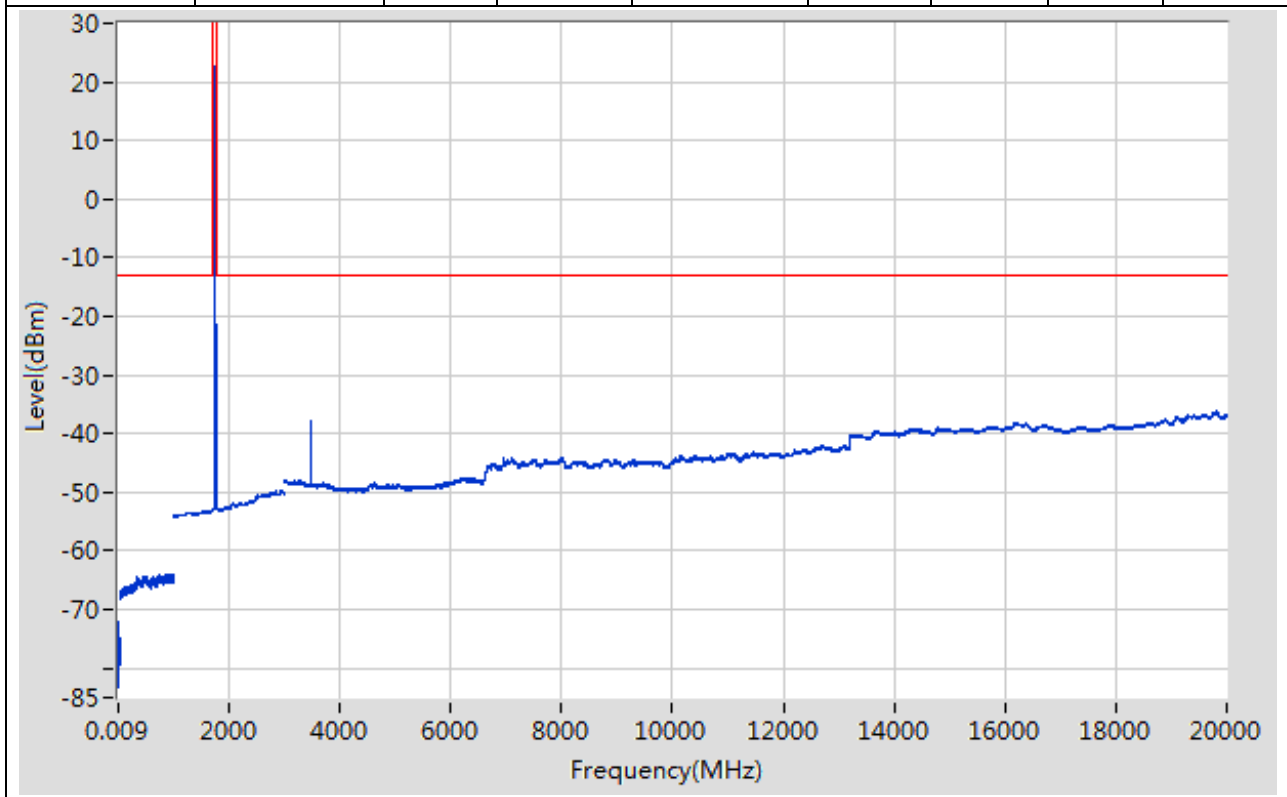
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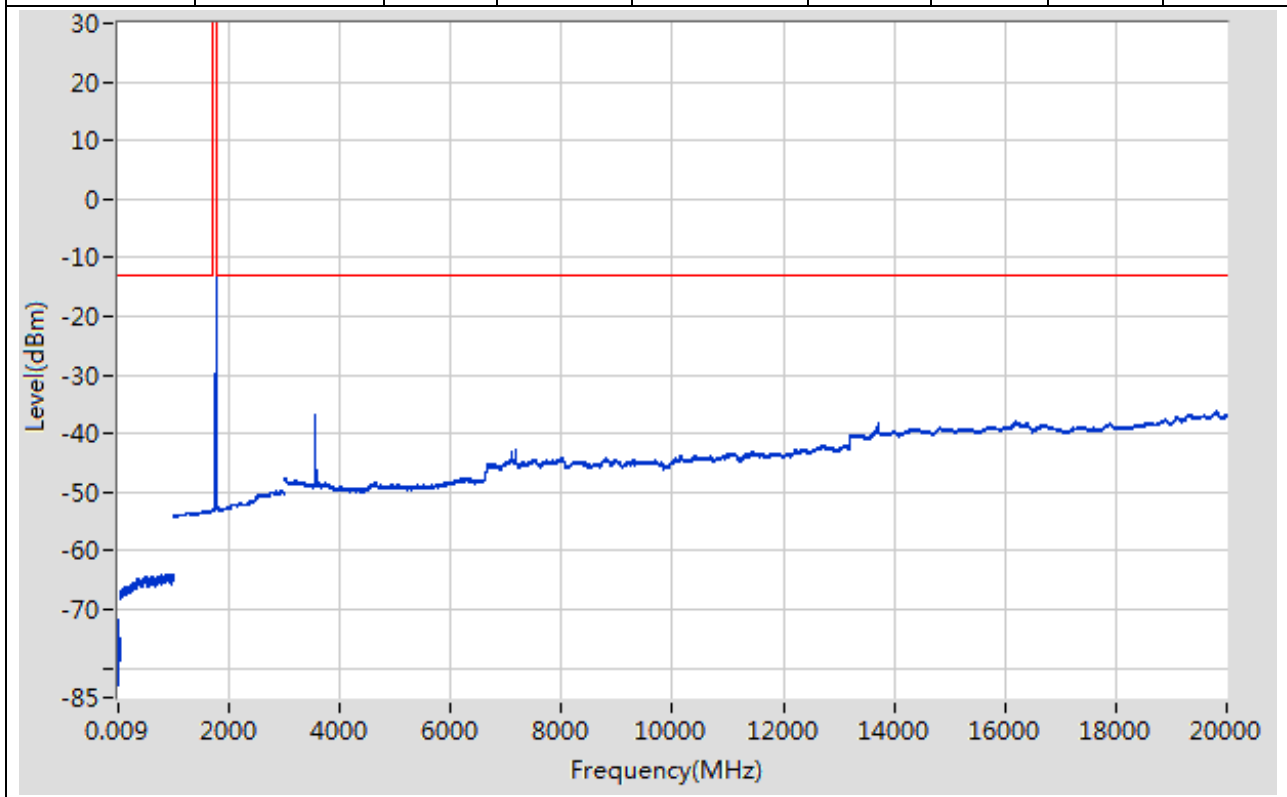
1.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:22, Channel:132322, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-71.98	-13	Pass	401
0.15	30	0.01	RMS	0.16	-72.17	-13	Pass	2985
30	1000	0.1	RMS	885.748	-63.93	-13	Pass	9699
1000	1700	1	RMS	1698.999	-52.99	-13	Pass	700
1700	1790	1	RMS	1740.5	22.78	60	Pass	401
1790	3000	1	RMS	2947.957	-49.69	-13	Pass	1210
3000	12000	1	RMS	3481.059	-37.66	-13	Pass	9000
12000	20000	1	RMS	19800.975	-36.12	-13	Pass	8000



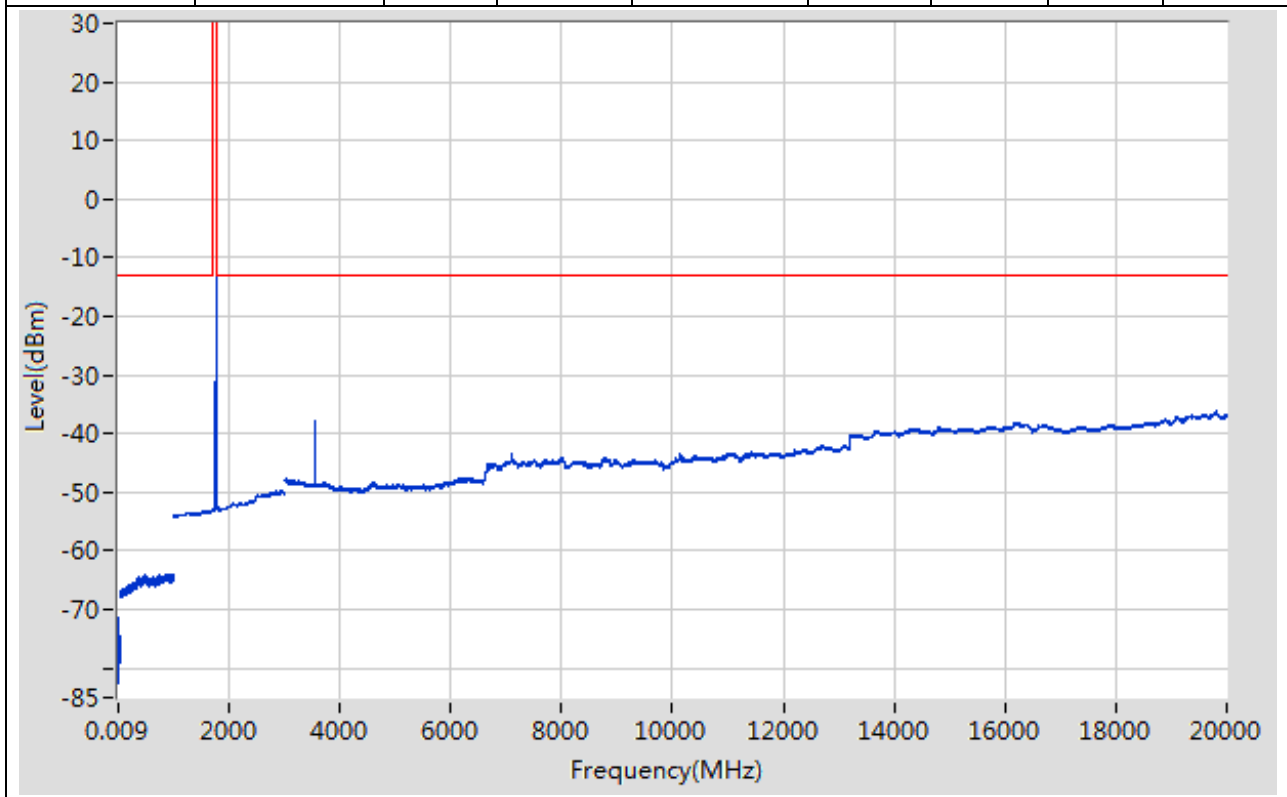
1.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:23, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-72.05	-13	Pass	401
0.15	30	0.01	RMS	0.15	-71.78	-13	Pass	2985
30	1000	0.1	RMS	985.981	-63.96	-13	Pass	9699
1000	1700	1	RMS	1695.994	-53.04	-13	Pass	700
1700	1790	1	RMS	1770.425	23.12	60	Pass	401
1790	3000	1	RMS	2946.956	-49.72	-13	Pass	1210
3000	12000	1	RMS	3541.066	-36.85	-13	Pass	9000
12000	20000	1	RMS	19803.975	-36.17	-13	Pass	8000



1.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:24, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-71.45	-13	Pass	401
0.15	30	0.01	RMS	0.15	-72.13	-13	Pass	2985
30	1000	0.1	RMS	875.835	-63.92	-13	Pass	9699
1000	1700	1	RMS	1698.999	-53.01	-13	Pass	700
1700	1790	1	RMS	1770.425	22.23	60	Pass	401
1790	3000	1	RMS	2948.958	-49.69	-13	Pass	1210
3000	12000	1	RMS	3541.066	-37.66	-13	Pass	9000
12000	20000	1	RMS	19803.975	-36.18	-13	Pass	8000



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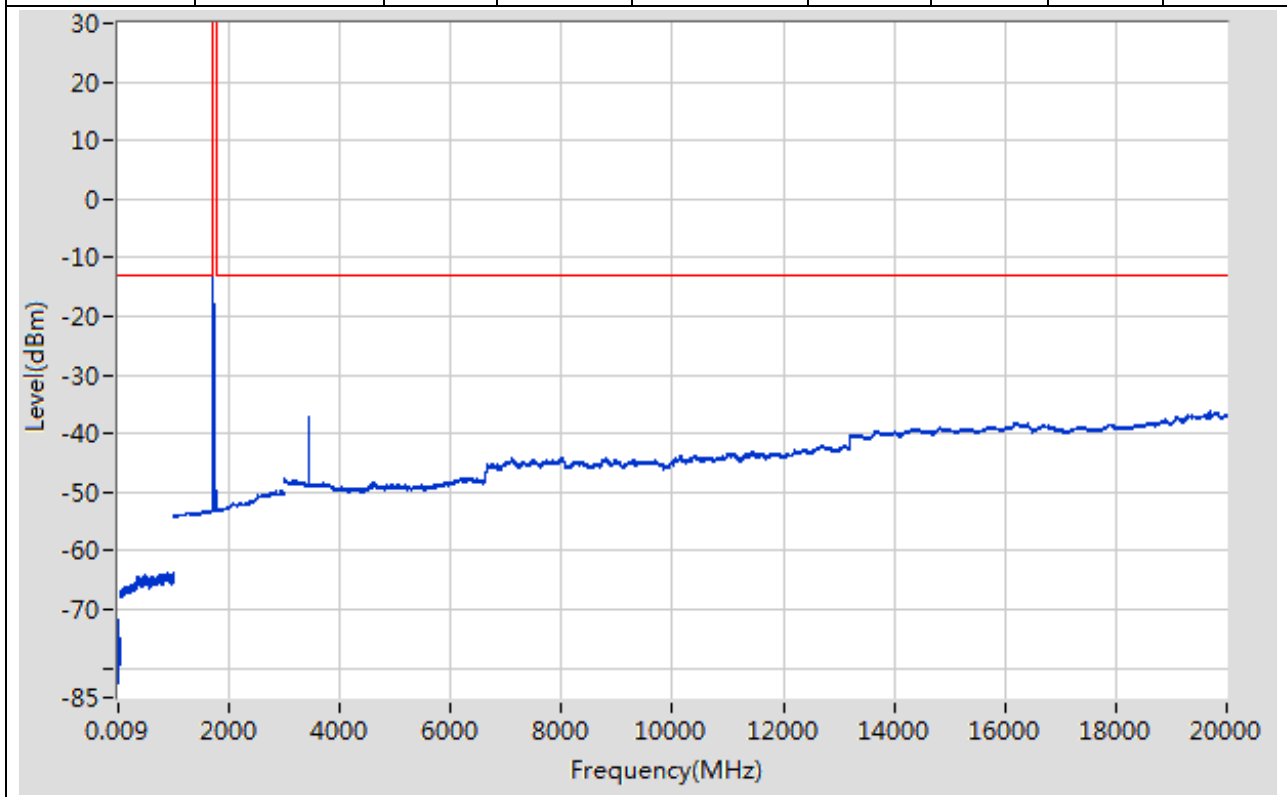
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1.13. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:25, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-72.28	-13	Pass	401
0.15	30	0.01	RMS	0.19	-71.56	-13	Pass	2985
30	1000	0.1	RMS	993.592	-63.77	-13	Pass	9699
1000	1700	1	RMS	1697.997	-40.53	-13	Pass	700
1700	1790	1	RMS	1710.8	23.47	60	Pass	401
1790	3000	1	RMS	2949.959	-49.64	-13	Pass	1210
3000	12000	1	RMS	3422.052	-37.23	-13	Pass	9000
12000	20000	1	RMS	19685.961	-35.93	-13	Pass	8000



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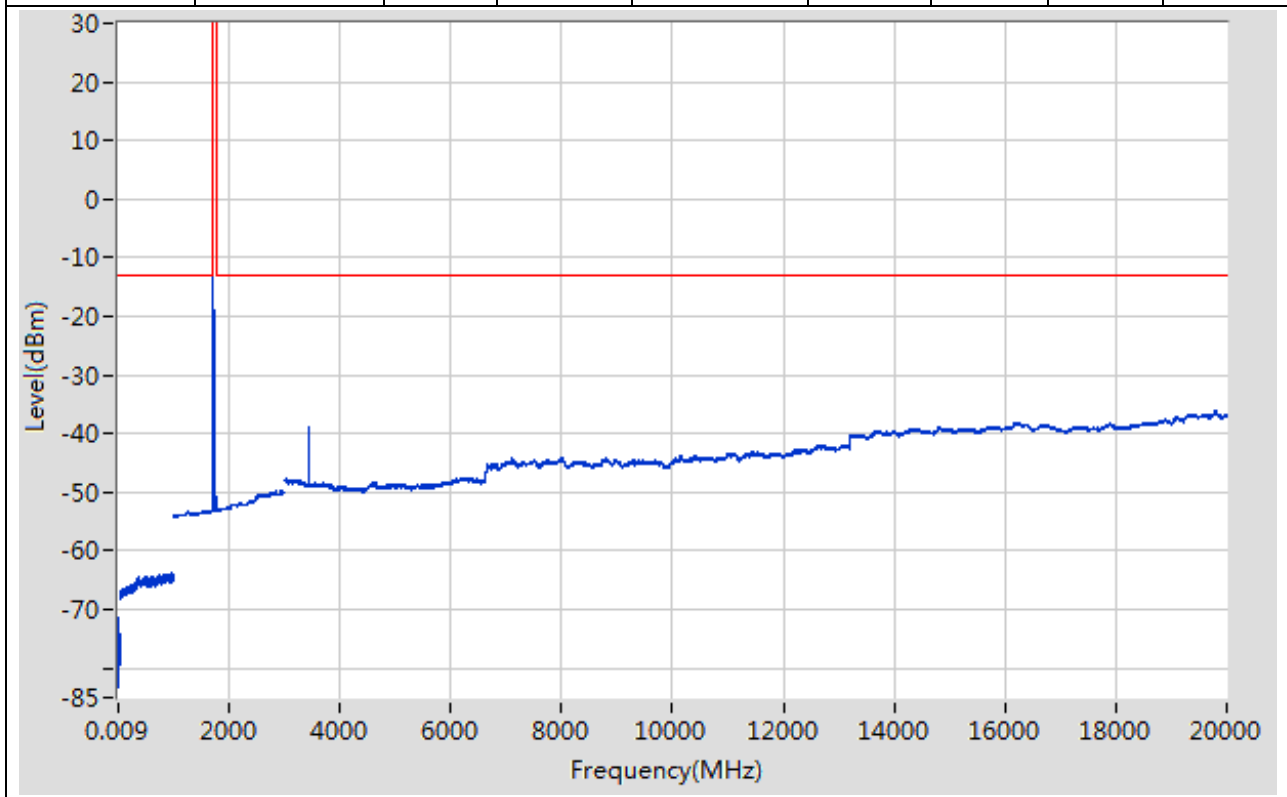
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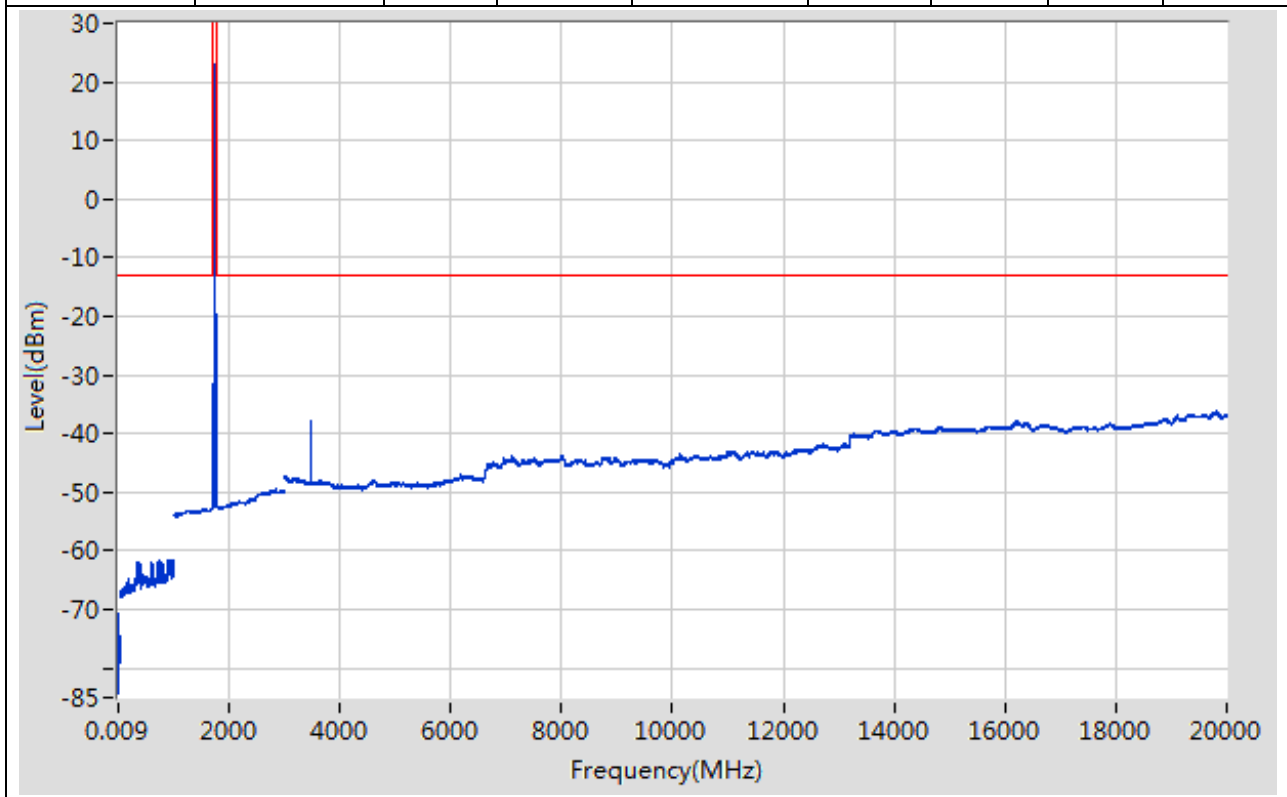
1.14. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:26, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-72.13	-13	Pass	401
0.15	30	0.01	RMS	0.15	-71.42	-13	Pass	2985
30	1000	0.1	RMS	970.761	-63.83	-13	Pass	9699
1000	1700	1	RMS	1697.997	-43.44	-13	Pass	700
1700	1790	1	RMS	1710.8	22.3	60	Pass	401
1790	3000	1	RMS	2953.962	-49.7	-13	Pass	1210
3000	12000	1	RMS	3422.052	-38.92	-13	Pass	9000
12000	20000	1	RMS	19797.975	-36.09	-13	Pass	8000



1.15. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:27, Channel:132322, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-72.02	-13	Pass	401
0.15	30	0.01	RMS	10.784	-70.62	-13	Pass	2985
30	1000	0.1	RMS	989.286	-61.52	-13	Pass	9699
1000	1700	1	RMS	1697.997	-52.65	-13	Pass	700
1700	1790	1	RMS	1738.25	23.15	60	Pass	401
1790	3000	1	RMS	2849.876	-49.52	-13	Pass	1210
3000	12000	1	RMS	3477.058	-37.79	-13	Pass	9000
12000	20000	1	RMS	19807.976	-36.16	-13	Pass	8000



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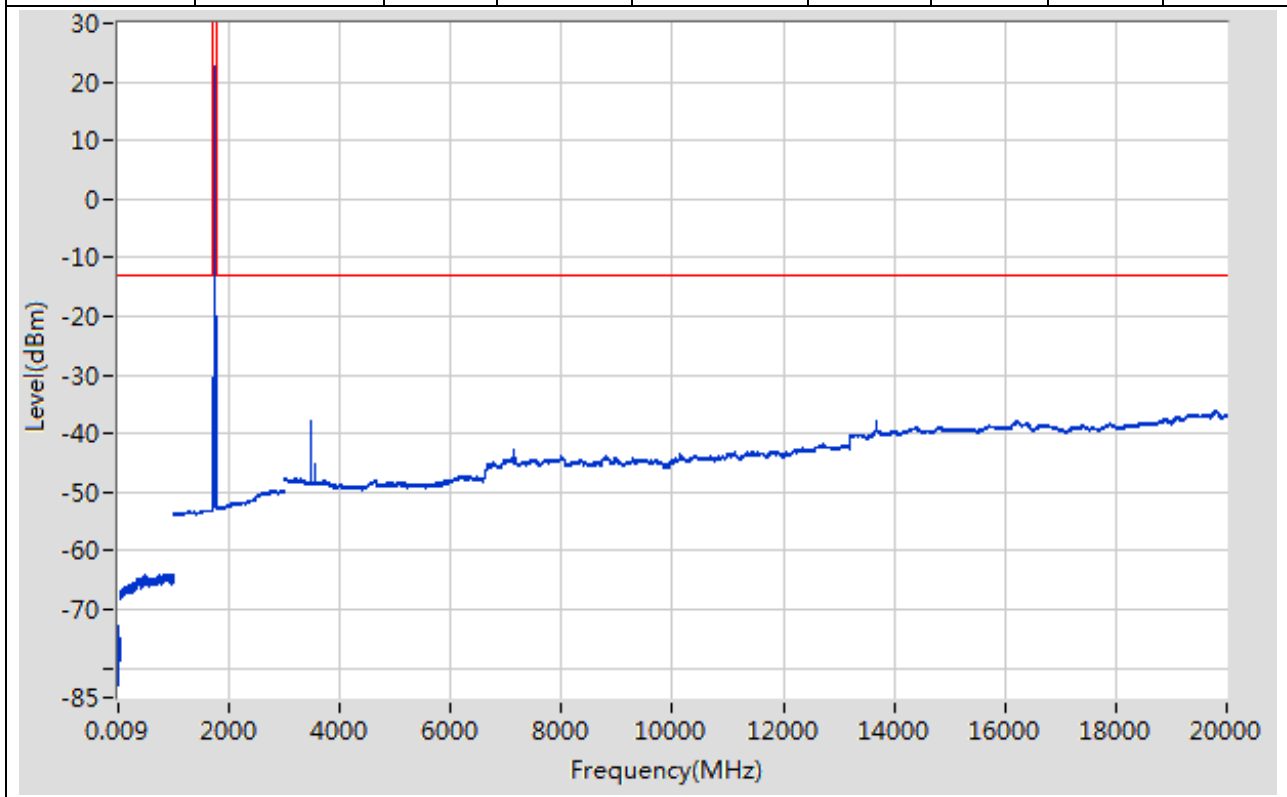
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1.16. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:28, Channel:132322, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-72.66	-13	Pass	401
0.15	30	0.01	RMS	0.15	-72.6	-13	Pass	2985
30	1000	0.1	RMS	860.916	-63.9	-13	Pass	9699
1000	1700	1	RMS	1700	-52.77	-13	Pass	700
1700	1790	1	RMS	1738.25	22.69	60	Pass	401
1790	3000	1	RMS	2842.87	-49.56	-13	Pass	1210
3000	12000	1	RMS	3477.058	-37.68	-13	Pass	9000
12000	20000	1	RMS	19800.975	-36.1	-13	Pass	8000



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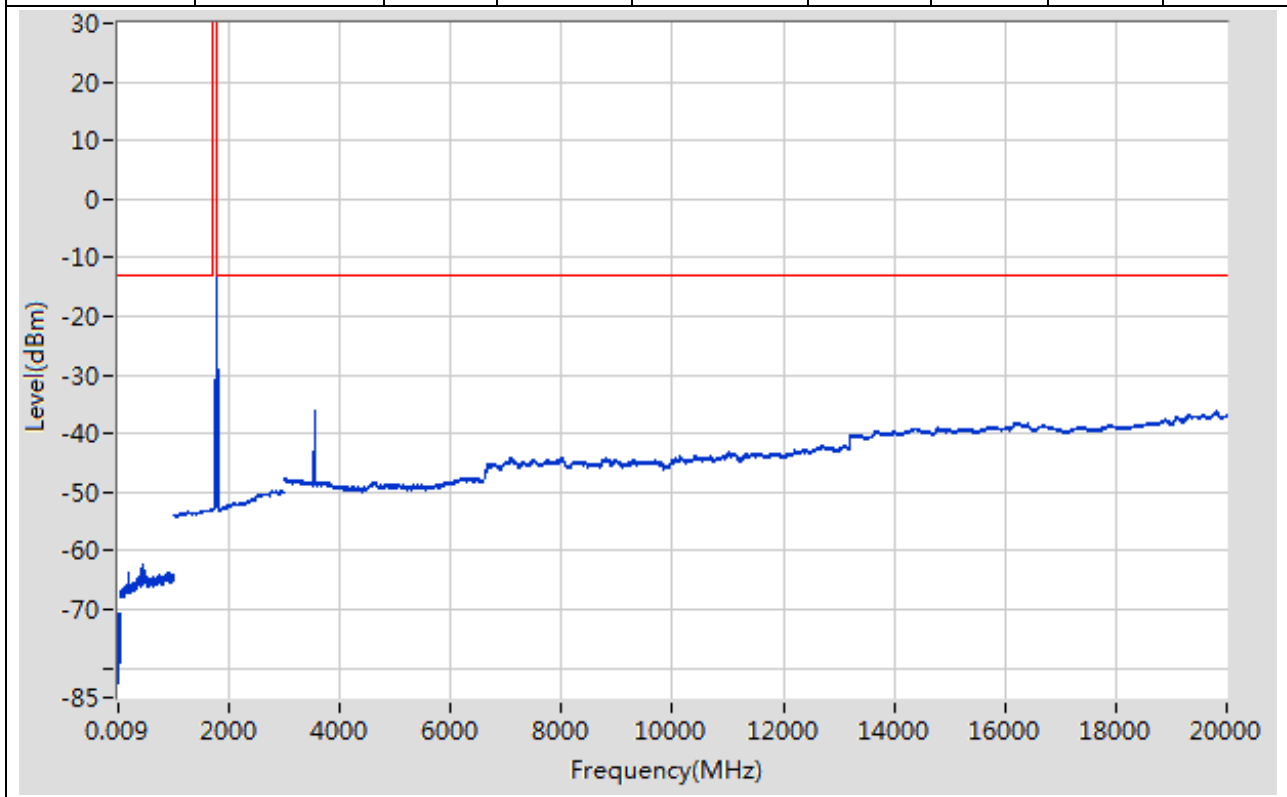
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1.17. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:29, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.012	-72.67	-13	Pass	401
0.15	30	0.01	RMS	13.184	-70.72	-13	Pass	2985
30	1000	0.1	RMS	436.15	-62.25	-13	Pass	9699
1000	1700	1	RMS	1697.997	-52.72	-13	Pass	700
1700	1790	1	RMS	1765.7	23	60	Pass	401
1790	3000	1	RMS	1792.002	-28.84	-13	Pass	1210
3000	12000	1	RMS	3532.065	-36.11	-13	Pass	9000
12000	20000	1	RMS	19802.975	-36.1	-13	Pass	8000



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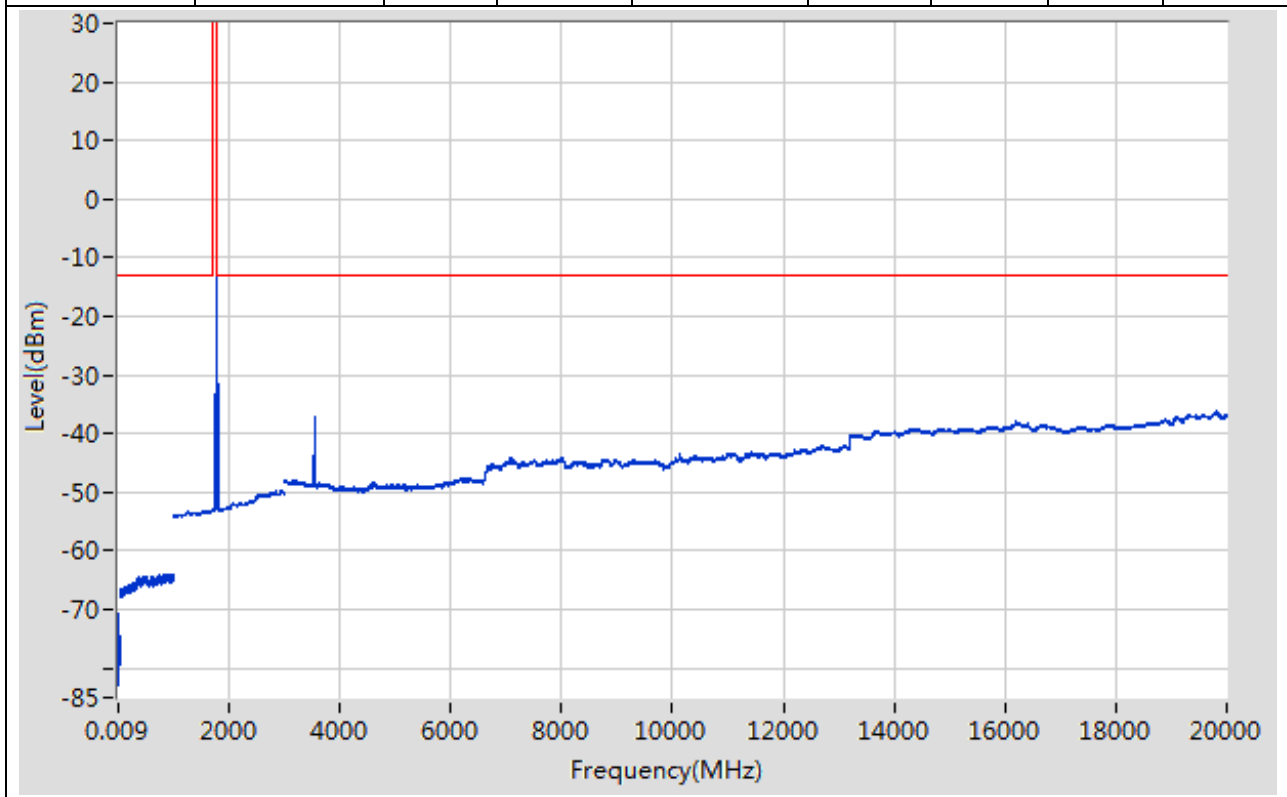
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1.18. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:30, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-70.8	-13	Pass	401
0.15	30	0.01	RMS	0.2	-70.94	-13	Pass	2985
30	1000	0.1	RMS	898.666	-63.88	-13	Pass	9699
1000	1700	1	RMS	1694.993	-53.04	-13	Pass	700
1700	1790	1	RMS	1765.7	21.84	60	Pass	401
1790	3000	1	RMS	1792.002	-31.07	-13	Pass	1210
3000	12000	1	RMS	3532.065	-37.11	-13	Pass	9000
12000	20000	1	RMS	19802.975	-36.24	-13	Pass	8000



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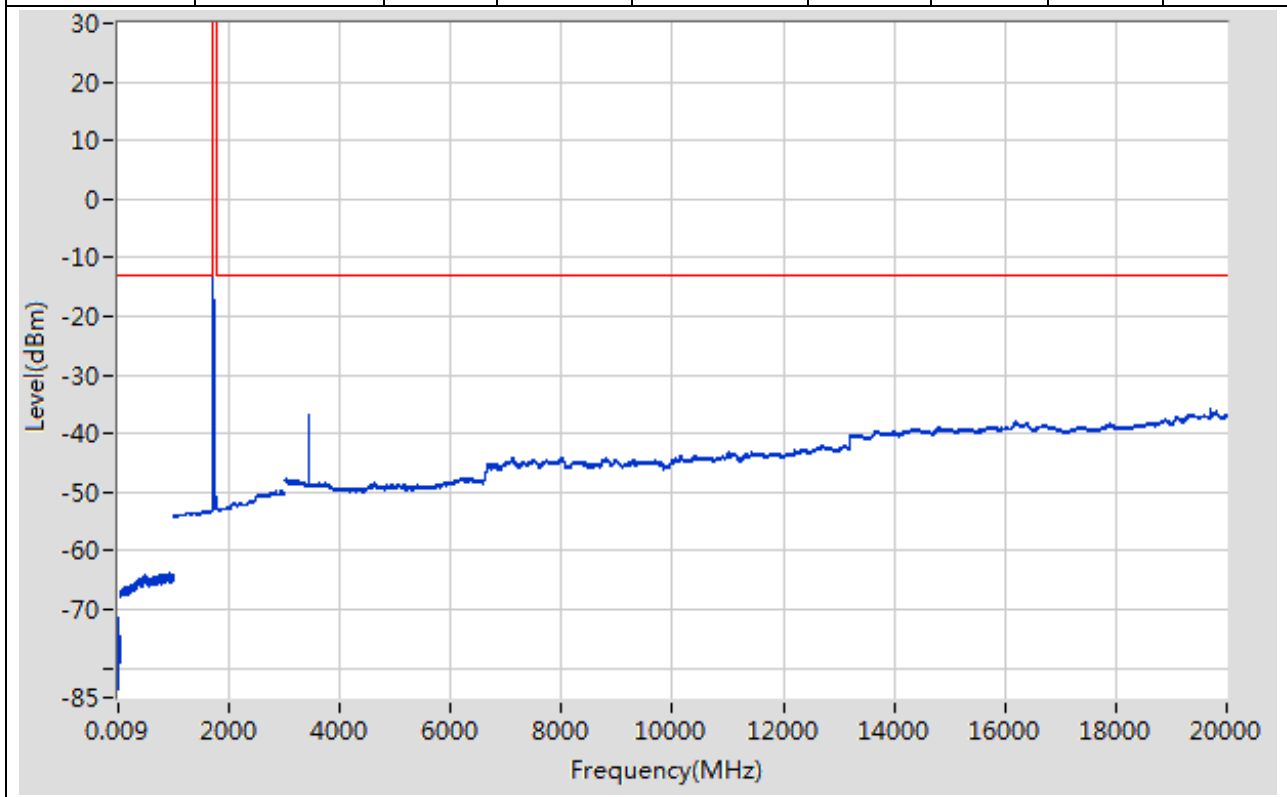
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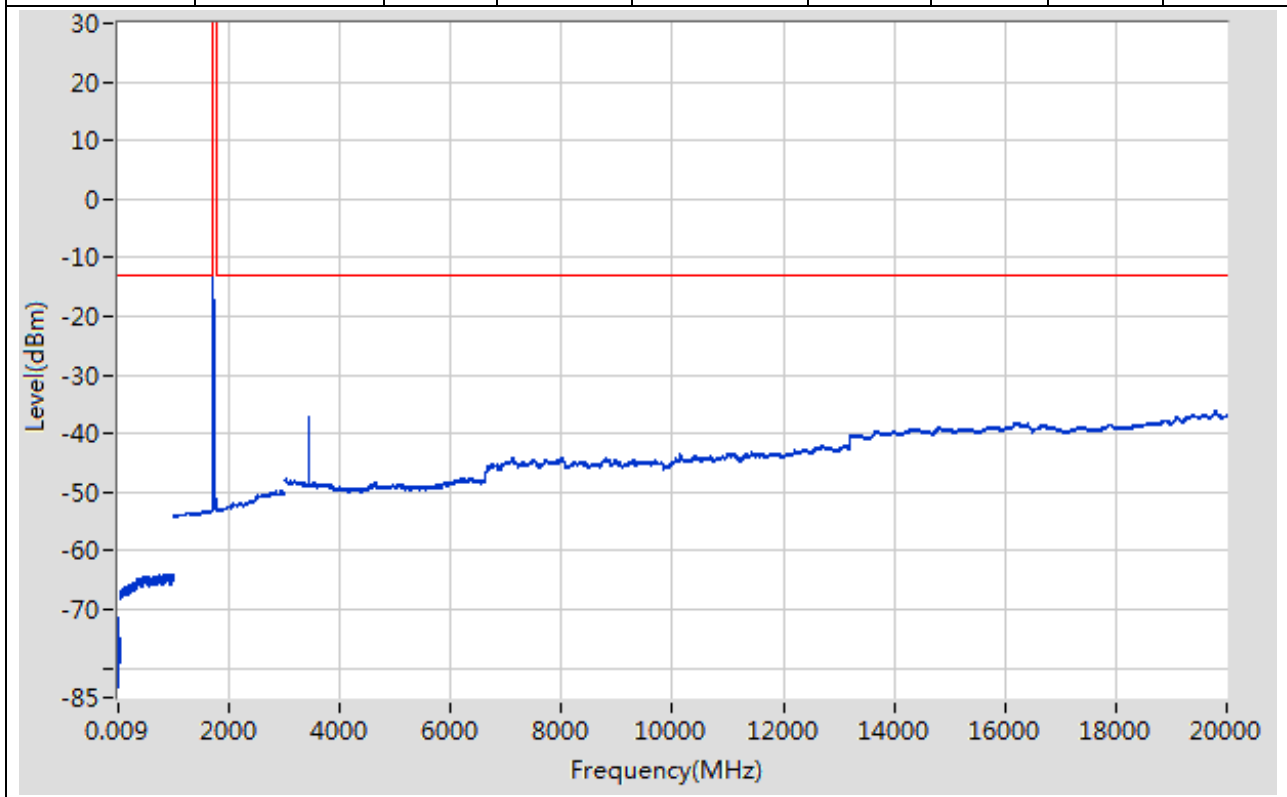
1.19. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:31, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-71.65	-13	Pass	401
0.15	30	0.01	RMS	0.15	-71.47	-13	Pass	2985
30	1000	0.1	RMS	906.876	-63.85	-13	Pass	9699
1000	1700	1	RMS	1692.99	-43.56	-13	Pass	700
1700	1790	1	RMS	1711.025	23.19	60	Pass	401
1790	3000	1	RMS	2953.962	-49.73	-13	Pass	1210
3000	12000	1	RMS	3422.052	-36.69	-13	Pass	9000
12000	20000	1	RMS	19693.962	-35.62	-13	Pass	8000



1.20. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:32, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-72.56	-13	Pass	401
0.15	30	0.01	RMS	0.15	-71.4	-13	Pass	2985
30	1000	0.1	RMS	852.404	-63.91	-13	Pass	9699
1000	1700	1	RMS	1692.99	-44.32	-13	Pass	700
1700	1790	1	RMS	1711.025	22.59	60	Pass	401
1790	3000	1	RMS	2947.957	-49.76	-13	Pass	1210
3000	12000	1	RMS	3422.052	-37.13	-13	Pass	9000
12000	20000	1	RMS	19794.974	-36.19	-13	Pass	8000



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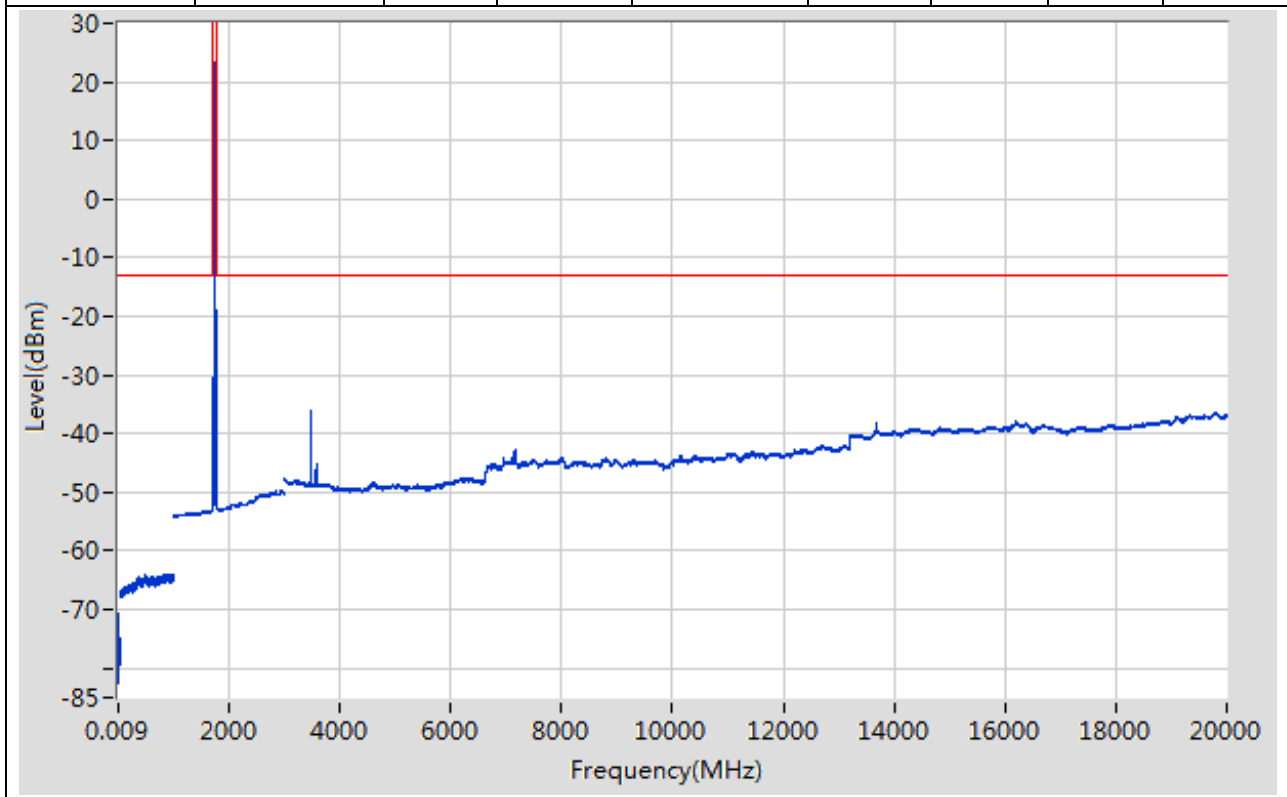
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1.21. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:33, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-73.02	-13	Pass	401
0.15	30	0.01	RMS	0.15	-70.5	-13	Pass	2985
30	1000	0.1	RMS	842.999	-63.91	-13	Pass	9699
1000	1700	1	RMS	1700	-32.62	-13	Pass	700
1700	1790	1	RMS	1736	23.23	60	Pass	401
1790	3000	1	RMS	2947.957	-49.68	-13	Pass	1210
3000	12000	1	RMS	3472.058	-36.21	-13	Pass	9000
12000	20000	1	RMS	19795.974	-36.26	-13	Pass	8000



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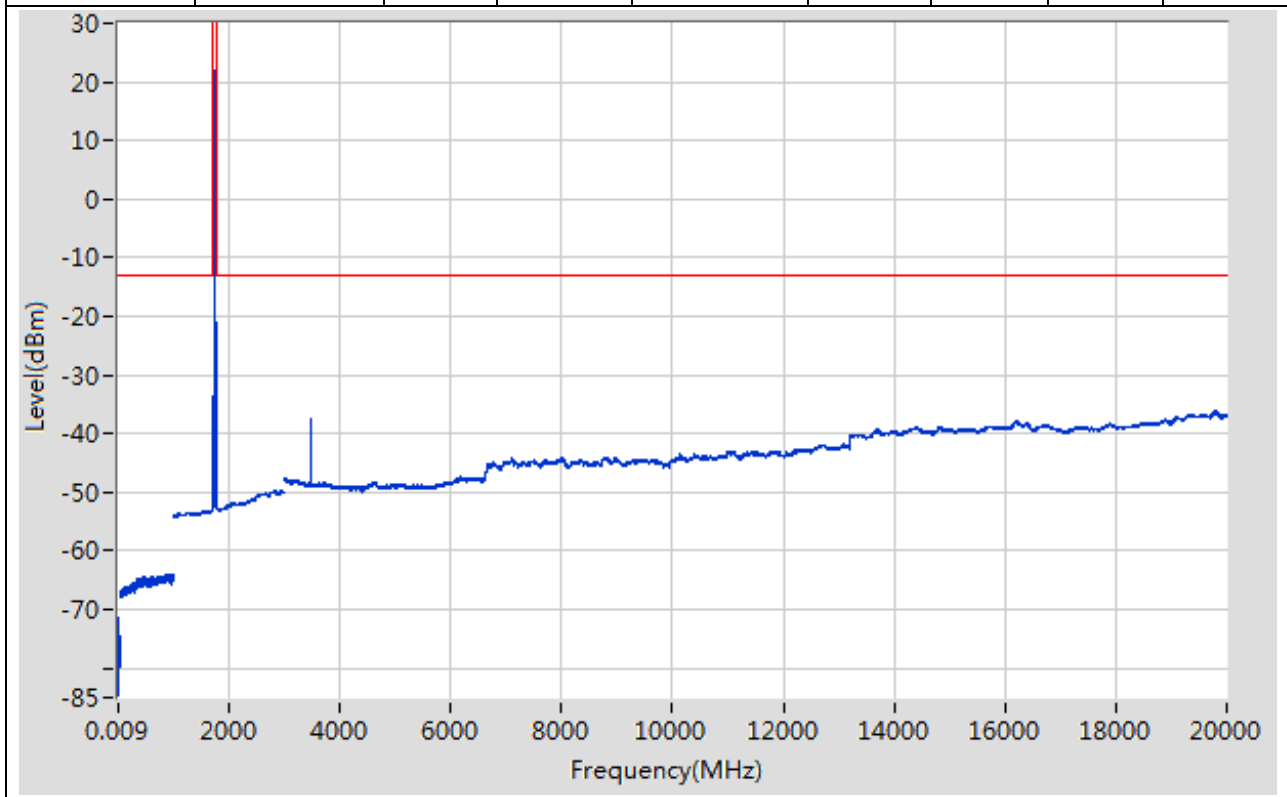
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1.22. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:34, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-72.57	-13	Pass	401
0.15	30	0.01	RMS	0.16	-71.48	-13	Pass	2985
30	1000	0.1	RMS	851.703	-63.93	-13	Pass	9699
1000	1700	1	RMS	1700	-35.45	-13	Pass	700
1700	1790	1	RMS	1736	22.13	60	Pass	401
1790	3000	1	RMS	2945.955	-49.64	-13	Pass	1210
3000	12000	1	RMS	3472.058	-37.44	-13	Pass	9000
12000	20000	1	RMS	19799.975	-36.12	-13	Pass	8000



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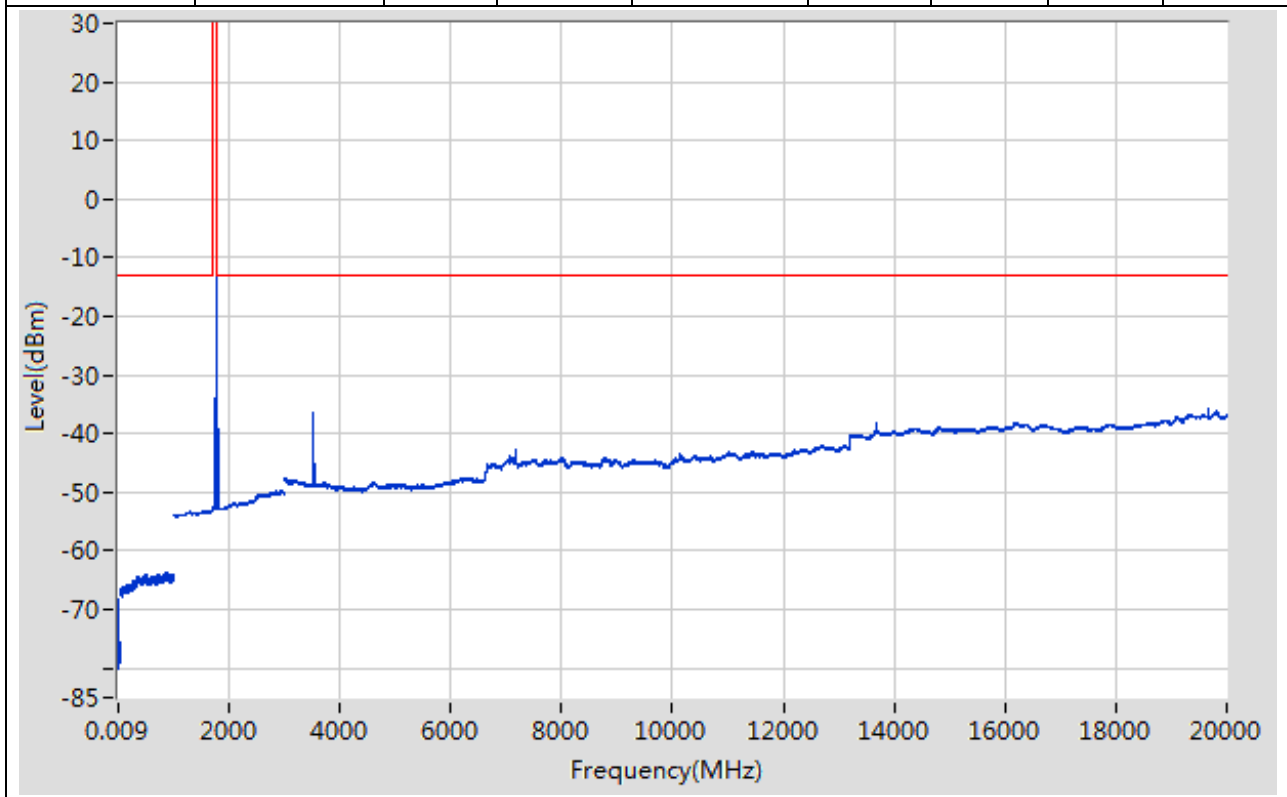
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1.24. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:35, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.016	-72.32	-13	Pass	401
0.15	30	0.01	RMS	0.15	-68.37	-13	Pass	2985
30	1000	0.1	RMS	858.612	-63.78	-13	Pass	9699
1000	1700	1	RMS	1700	-52.93	-13	Pass	700
1700	1790	1	RMS	1760.975	22.77	60	Pass	401
1790	3000	1	RMS	1797.006	-39.09	-13	Pass	1210
3000	12000	1	RMS	3522.064	-36.43	-13	Pass	9000
12000	20000	1	RMS	19668.959	-35.82	-13	Pass	8000



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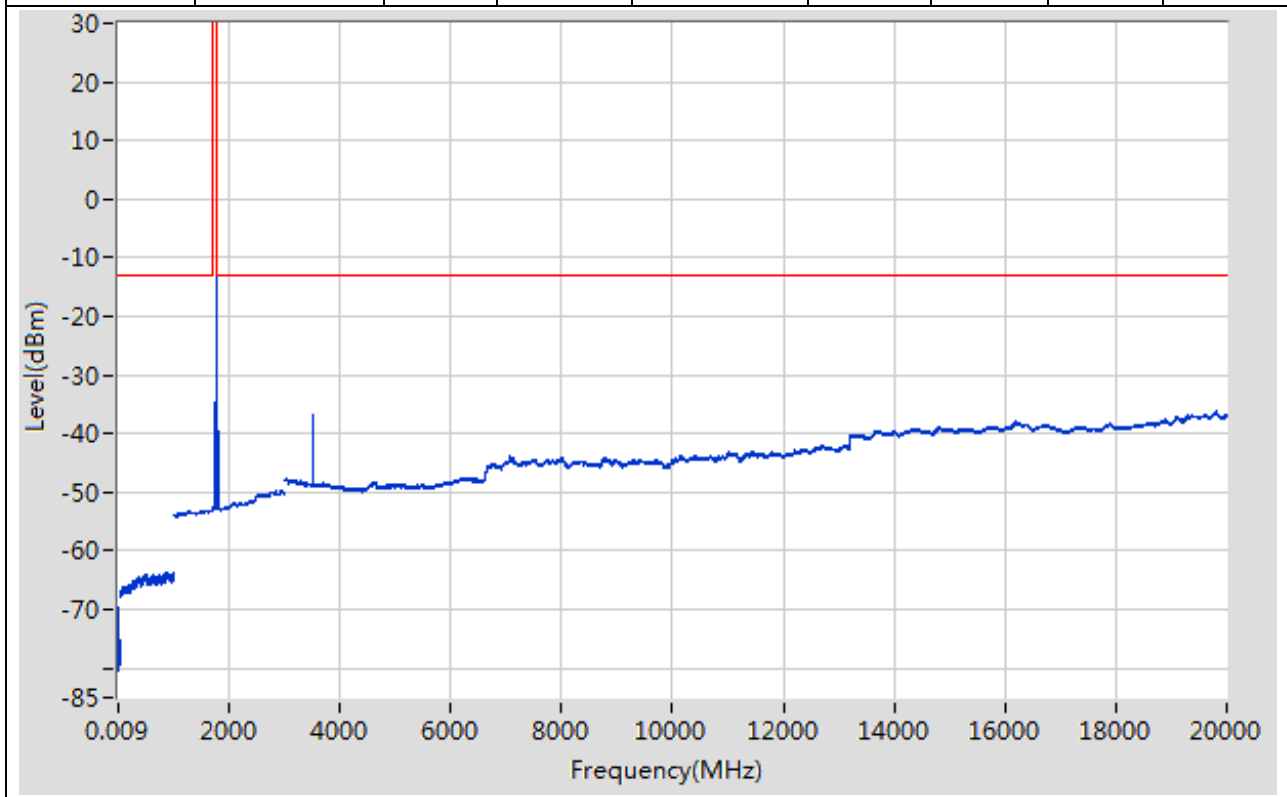
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1.25. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:36, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-69.71	-13	Pass	401
0.15	30	0.01	RMS	0.16	-69.5	-13	Pass	2985
30	1000	0.1	RMS	862.117	-63.68	-13	Pass	9699
1000	1700	1	RMS	1700	-52.92	-13	Pass	700
1700	1790	1	RMS	1760.975	22.07	60	Pass	401
1790	3000	1	RMS	1797.006	-39.41	-13	Pass	1210
3000	12000	1	RMS	3522.064	-36.73	-13	Pass	9000
12000	20000	1	RMS	19798.975	-36.23	-13	Pass	8000



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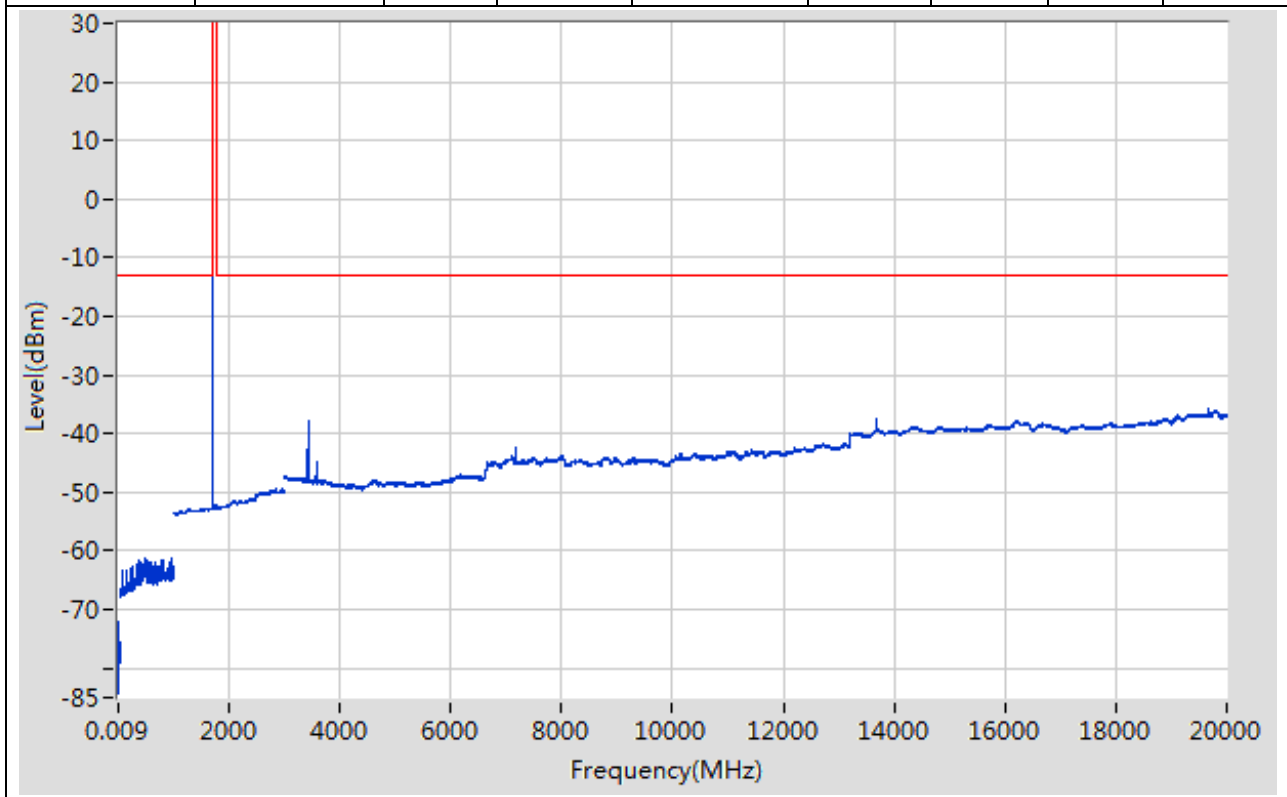
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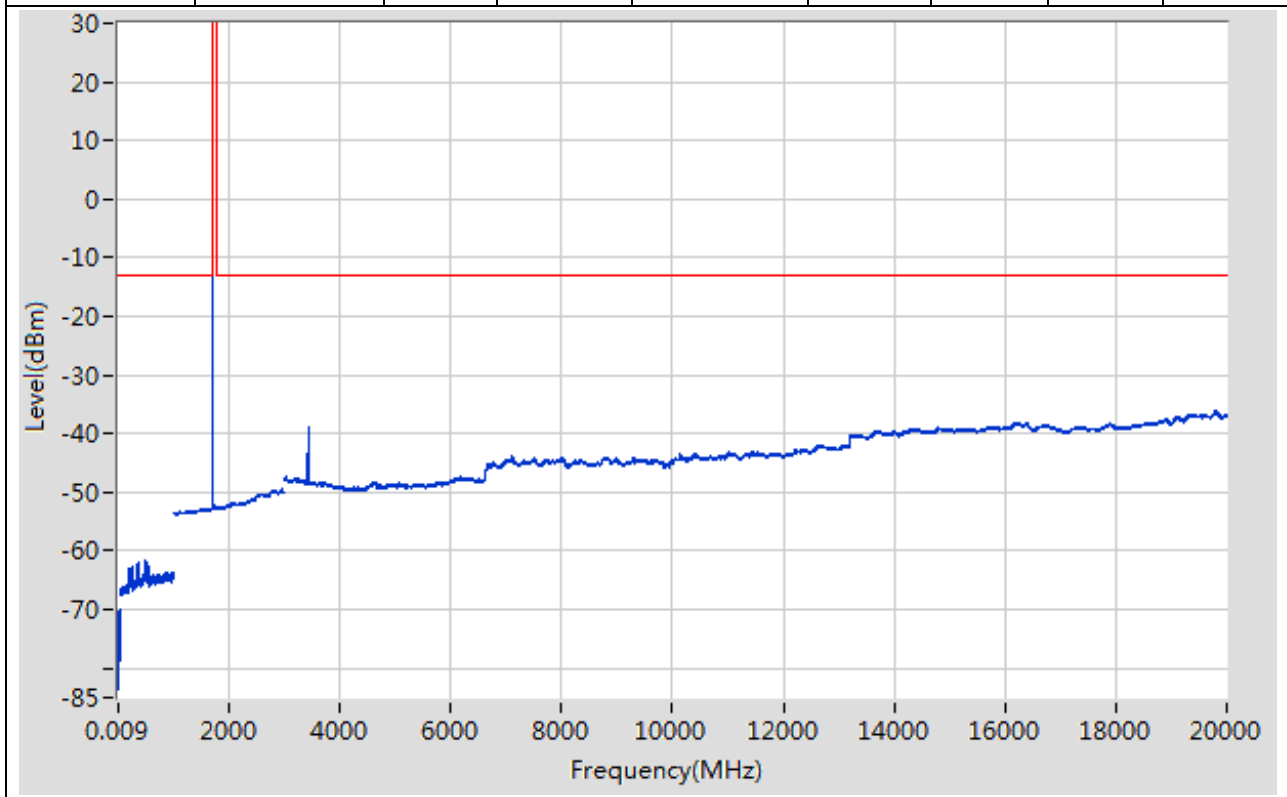
1.26. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:131979, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-72.79	-13	Pass	401
0.15	30	0.01	RMS	12.444	-71.93	-13	Pass	2985
30	1000	0.1	RMS	478.955	-61.32	-13	Pass	9699
1000	1700	1	RMS	1700	-51.75	-13	Pass	700
1700	1790	1	RMS	1710.125	23.09	60	Pass	401
1790	3000	1	RMS	2947.957	-49.45	-13	Pass	1210
3000	12000	1	RMS	3420.051	-37.93	-13	Pass	9000
12000	20000	1	RMS	19684.961	-35.65	-13	Pass	8000



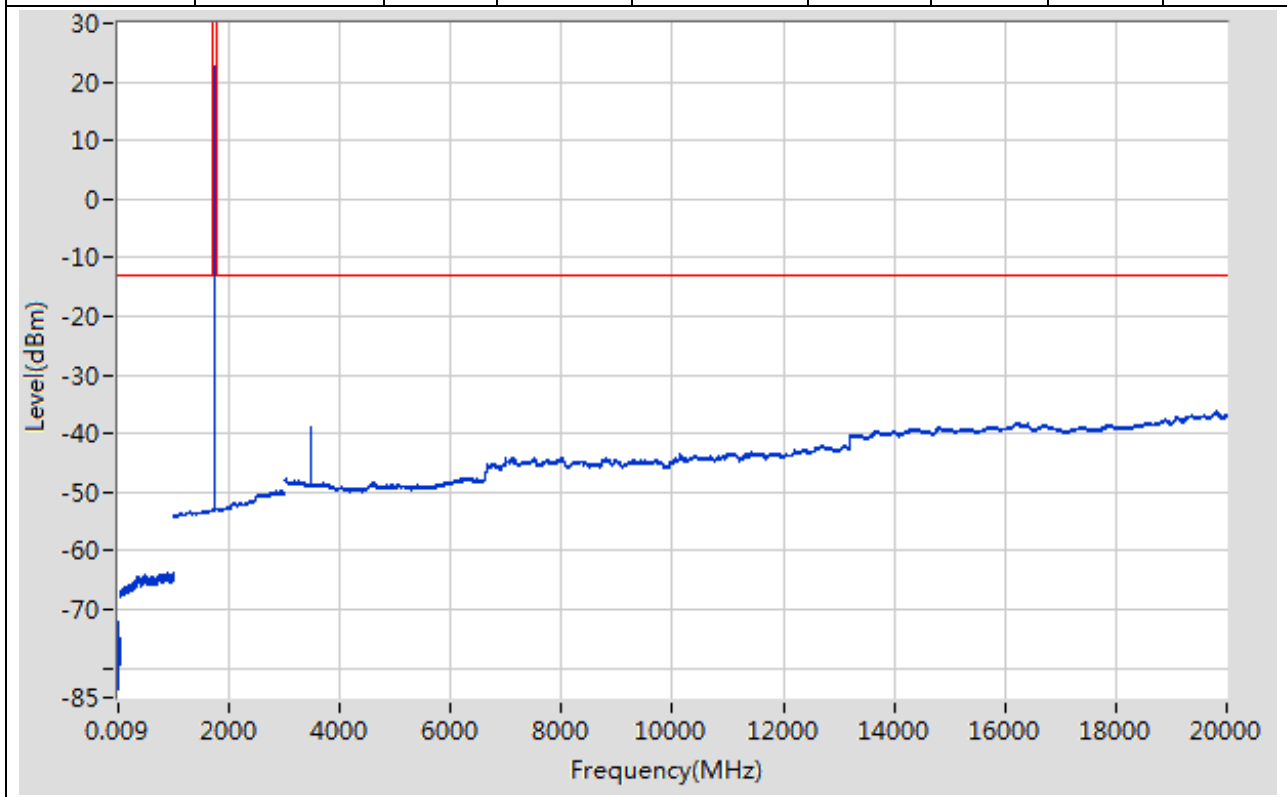
1.27. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-71.42	-13	Pass	401
0.15	30	0.01	RMS	27.119	-69.85	-13	Pass	2985
30	1000	0.1	RMS	482.955	-61.47	-13	Pass	9699
1000	1700	1	RMS	1700	-51.97	-13	Pass	700
1700	1790	1	RMS	1710.125	22.16	60	Pass	401
1790	3000	1	RMS	2949.959	-49.49	-13	Pass	1210
3000	12000	1	RMS	3420.051	-38.77	-13	Pass	9000
12000	20000	1	RMS	19799.975	-36.18	-13	Pass	8000



1.28. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:132322, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-73.61	-13	Pass	401
0.15	30	0.01	RMS	0.15	-72.15	-13	Pass	2985
30	1000	0.1	RMS	873.032	-63.79	-13	Pass	9699
1000	1700	1	RMS	1694.993	-52.99	-13	Pass	700
1700	1790	1	RMS	1744.325	22.59	60	Pass	401
1790	3000	1	RMS	2850.877	-49.7	-13	Pass	1210
3000	12000	1	RMS	3489.06	-38.79	-13	Pass	9000
12000	20000	1	RMS	19805.976	-36.2	-13	Pass	8000



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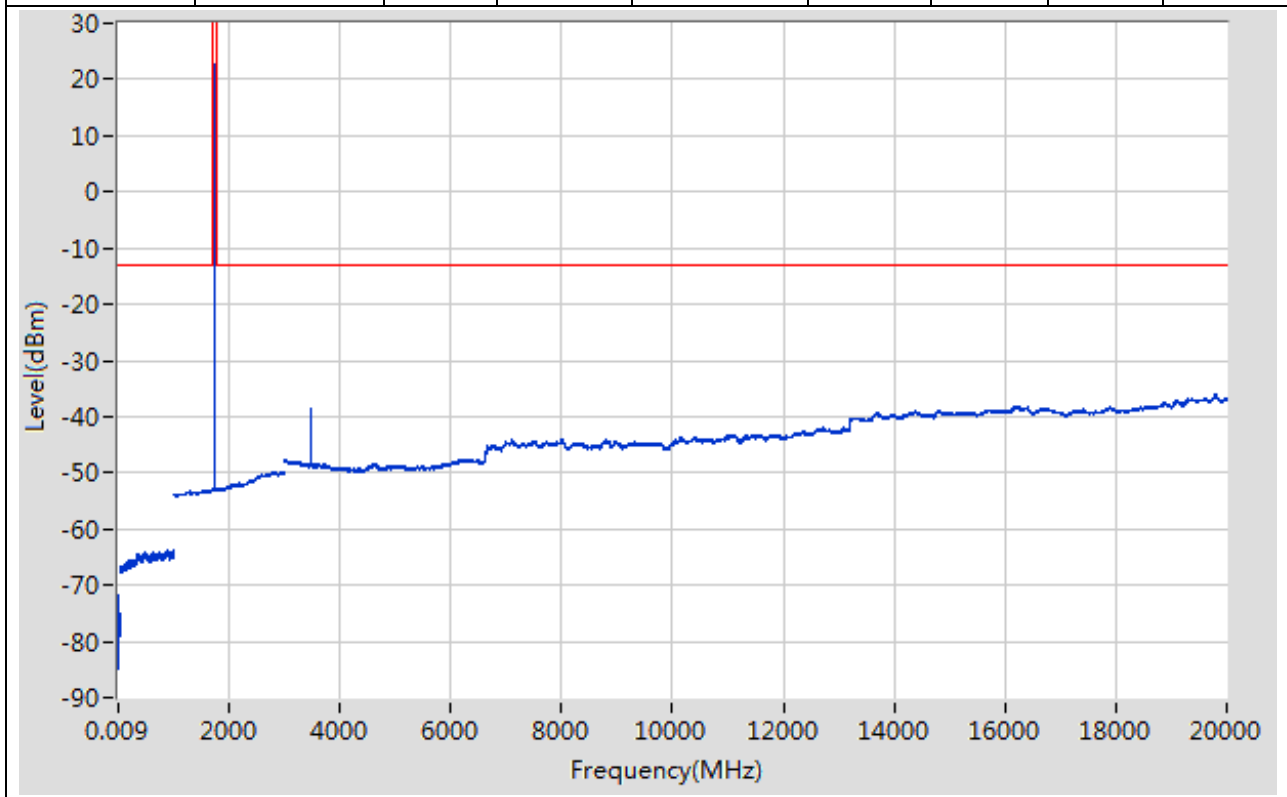
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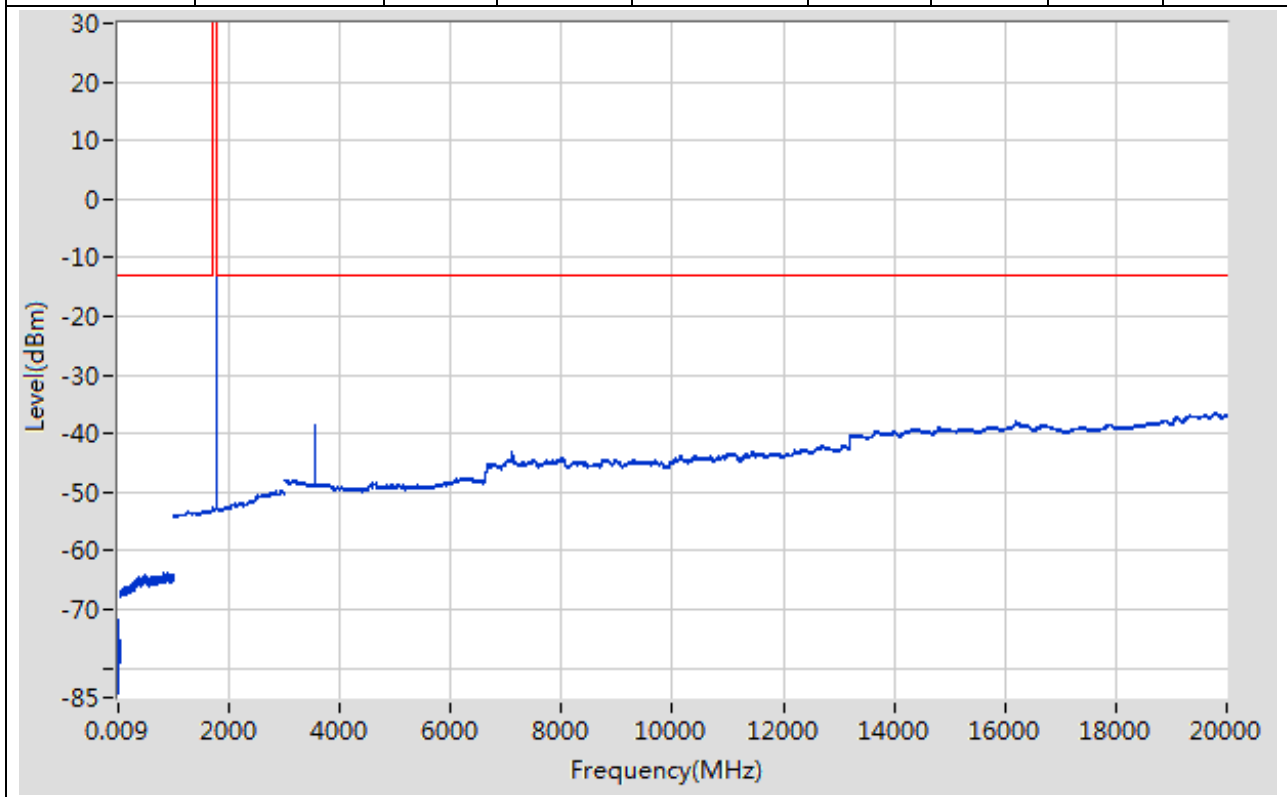
1.29. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:132322, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-71.8	-13	Pass	401
0.15	30	0.01	RMS	0.15	-72.22	-13	Pass	2985
30	1000	0.1	RMS	996.095	-63.84	-13	Pass	9699
1000	1700	1	RMS	1700	-53	-13	Pass	700
1700	1790	1	RMS	1744.325	22.64	60	Pass	401
1790	3000	1	RMS	2949.959	-49.7	-13	Pass	1210
3000	12000	1	RMS	3489.06	-38.74	-13	Pass	9000
12000	20000	1	RMS	19800.975	-36.13	-13	Pass	8000



1.30. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-72.37	-13	Pass	401
0.15	30	0.01	RMS	0.15	-71.77	-13	Pass	2985
30	1000	0.1	RMS	828.898	-63.83	-13	Pass	9699
1000	1700	1	RMS	1700	-52.92	-13	Pass	700
1700	1790	1	RMS	1778.75	22.93	60	Pass	401
1790	3000	1	RMS	2942.953	-49.69	-13	Pass	1210
3000	12000	1	RMS	3558.068	-38.54	-13	Pass	9000
12000	20000	1	RMS	19797.975	-36.25	-13	Pass	8000



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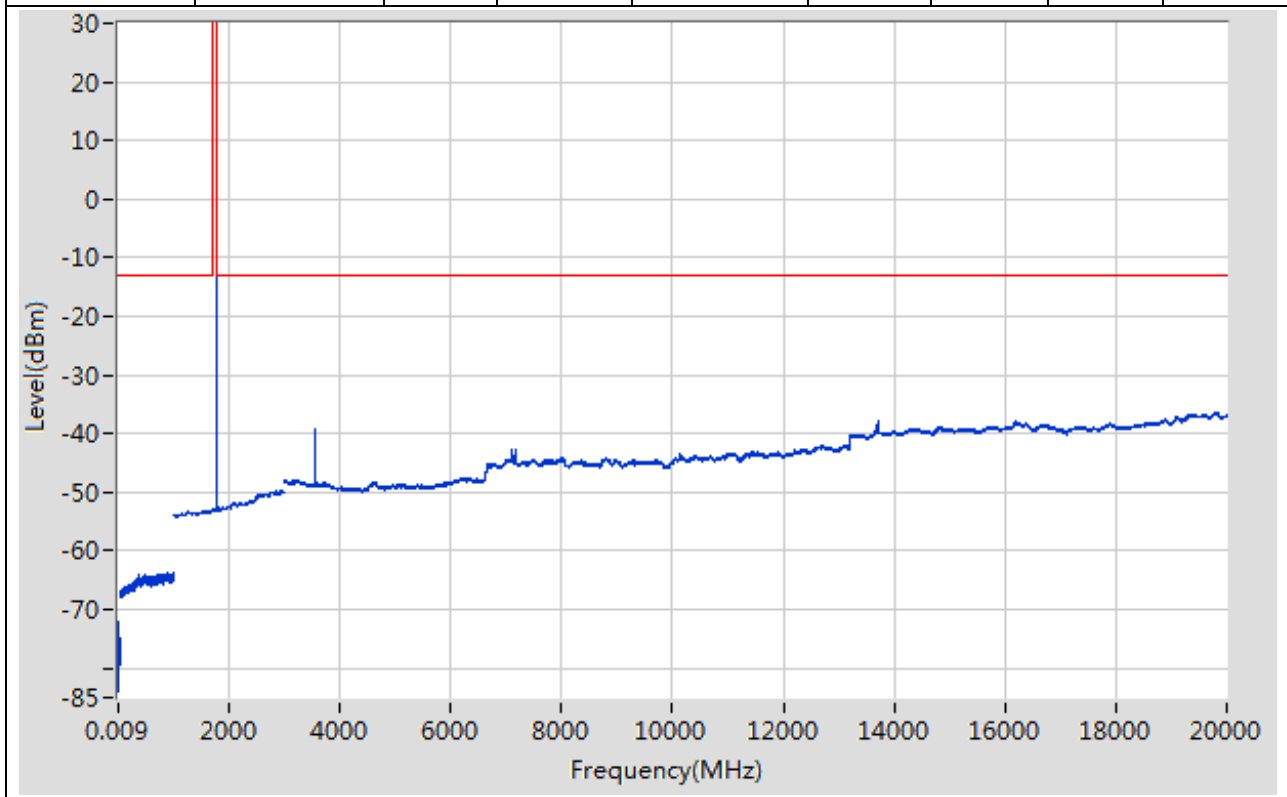
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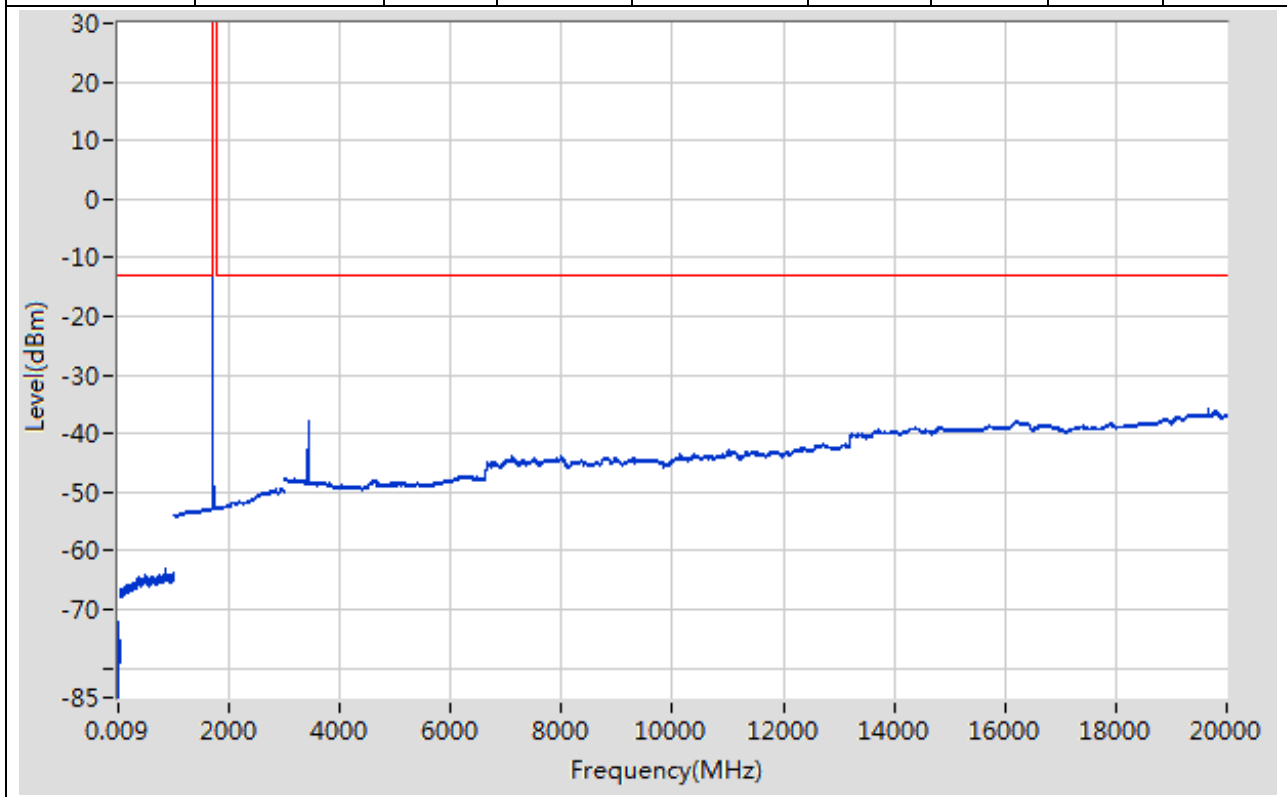
1.31. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-72.67	-13	Pass	401
0.15	30	0.01	RMS	0.18	-72.13	-13	Pass	2985
30	1000	0.1	RMS	878.739	-63.54	-13	Pass	9699
1000	1700	1	RMS	1698.999	-52.99	-13	Pass	700
1700	1790	1	RMS	1778.75	22.09	60	Pass	401
1790	3000	1	RMS	2942.953	-49.66	-13	Pass	1210
3000	12000	1	RMS	3558.068	-39.06	-13	Pass	9000
12000	20000	1	RMS	19801.975	-36.26	-13	Pass	8000



1.32. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-72.48	-13	Pass	401
0.15	30	0.01	RMS	0.15	-71.95	-13	Pass	2985
30	1000	0.1	RMS	842.699	-62.81	-13	Pass	9699
1000	1700	1	RMS	1700	-51.45	-13	Pass	700
1700	1790	1	RMS	1710.125	22.87	60	Pass	401
1790	3000	1	RMS	2944.955	-49.43	-13	Pass	1210
3000	12000	1	RMS	3420.051	-37.99	-13	Pass	9000
12000	20000	1	RMS	19678.96	-35.78	-13	Pass	8000



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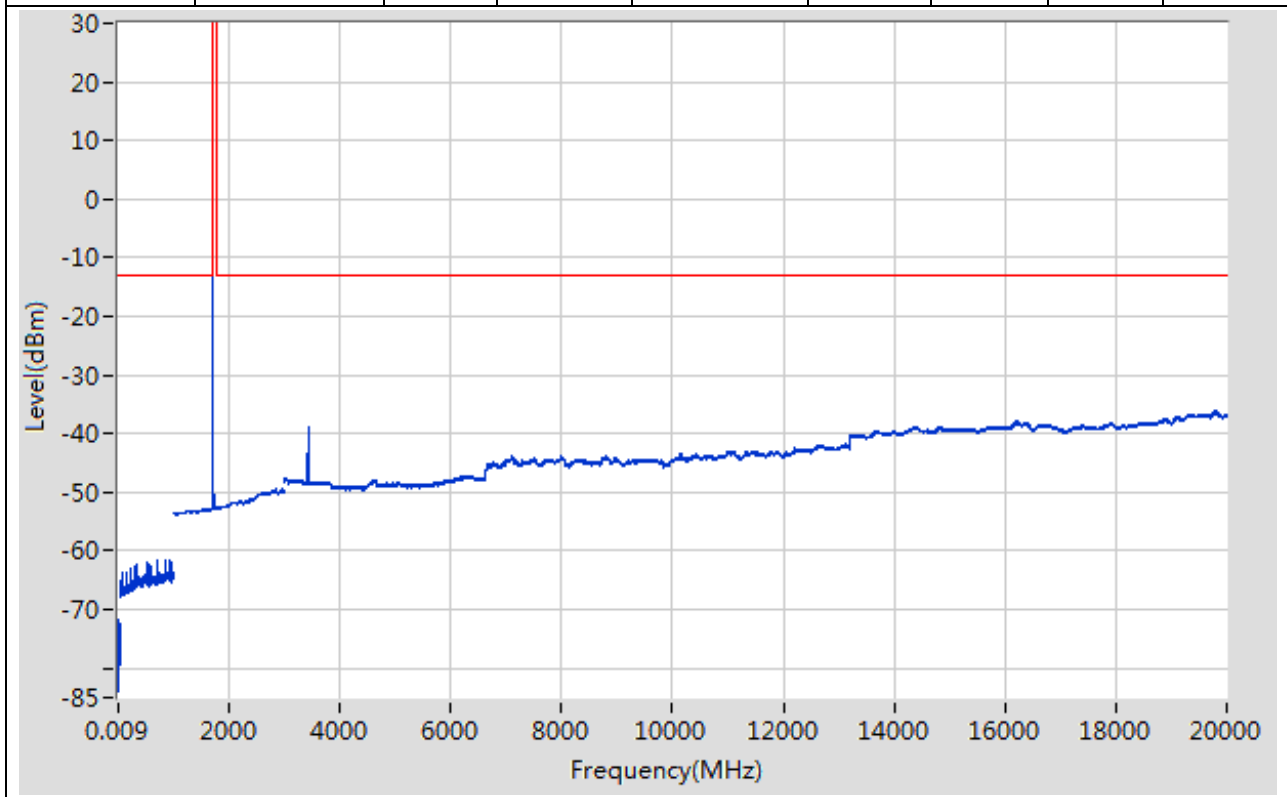
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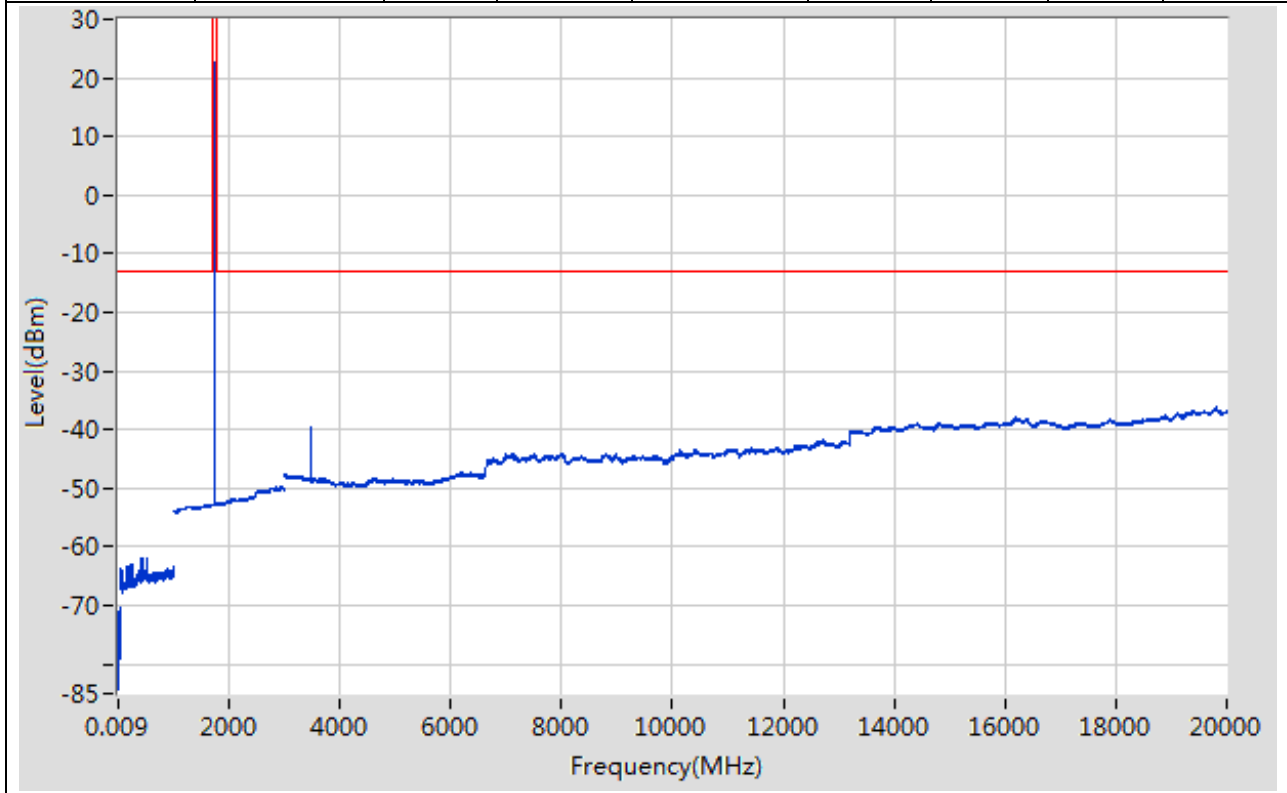
1.33. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-72.5	-13	Pass	401
0.15	30	0.01	RMS	0.15	-71.88	-13	Pass	2985
30	1000	0.1	RMS	711.583	-61.48	-13	Pass	9699
1000	1700	1	RMS	1700	-51.84	-13	Pass	700
1700	1790	1	RMS	1710.125	21.9	60	Pass	401
1790	3000	1	RMS	2946.956	-49.48	-13	Pass	1210
3000	12000	1	RMS	3420.051	-38.84	-13	Pass	9000
12000	20000	1	RMS	19799.975	-36.03	-13	Pass	8000



1.34. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:132322, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-71.45	-13	Pass	401
0.15	30	0.01	RMS	25.789	-70.48	-13	Pass	2985
30	1000	0.1	RMS	424.448	-61.81	-13	Pass	9699
1000	1700	1	RMS	1698.999	-52.71	-13	Pass	700
1700	1790	1	RMS	1743.65	22.8	60	Pass	401
1790	3000	1	RMS	2945.955	-49.64	-13	Pass	1210
3000	12000	1	RMS	3487.059	-39.55	-13	Pass	9000
12000	20000	1	RMS	19802.975	-36.23	-13	Pass	8000



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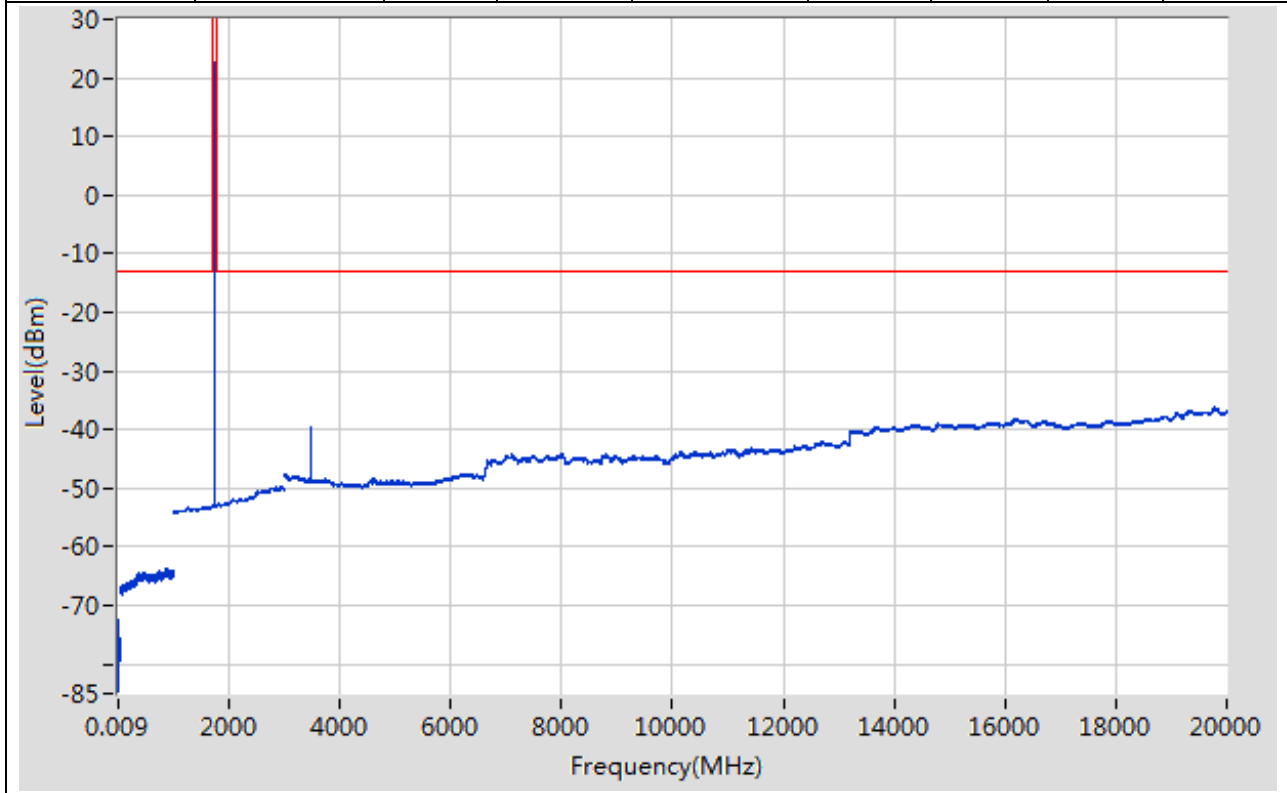
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1.35. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:132322, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-72.56	-13	Pass	401
0.15	30	0.01	RMS	0.17	-72.31	-13	Pass	2985
30	1000	0.1	RMS	868.025	-63.62	-13	Pass	9699
1000	1700	1	RMS	1697.997	-52.98	-13	Pass	700
1700	1790	1	RMS	1743.65	22.58	60	Pass	401
1790	3000	1	RMS	2953.962	-49.73	-13	Pass	1210
3000	12000	1	RMS	3487.059	-39.59	-13	Pass	9000
12000	20000	1	RMS	19794.974	-36.23	-13	Pass	8000



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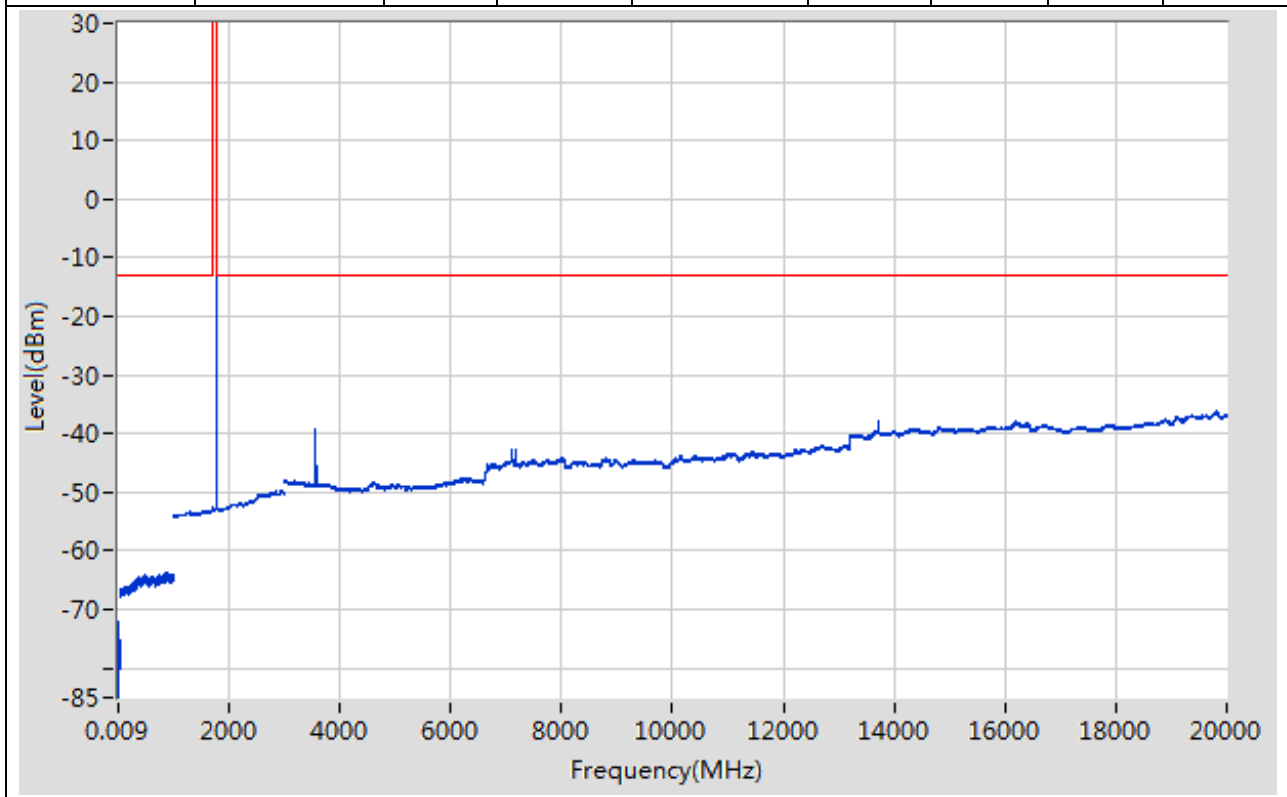
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1.36. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.014	-73.13	-13	Pass	401
0.15	30	0.01	RMS	0.15	-72.23	-13	Pass	2985
30	1000	0.1	RMS	841.499	-63.71	-13	Pass	9699
1000	1700	1	RMS	1700	-52.8	-13	Pass	700
1700	1790	1	RMS	1777.175	23.03	60	Pass	401
1790	3000	1	RMS	2944.955	-49.75	-13	Pass	1210
3000	12000	1	RMS	3554.068	-39.3	-13	Pass	9000
12000	20000	1	RMS	19801.975	-36.07	-13	Pass	8000



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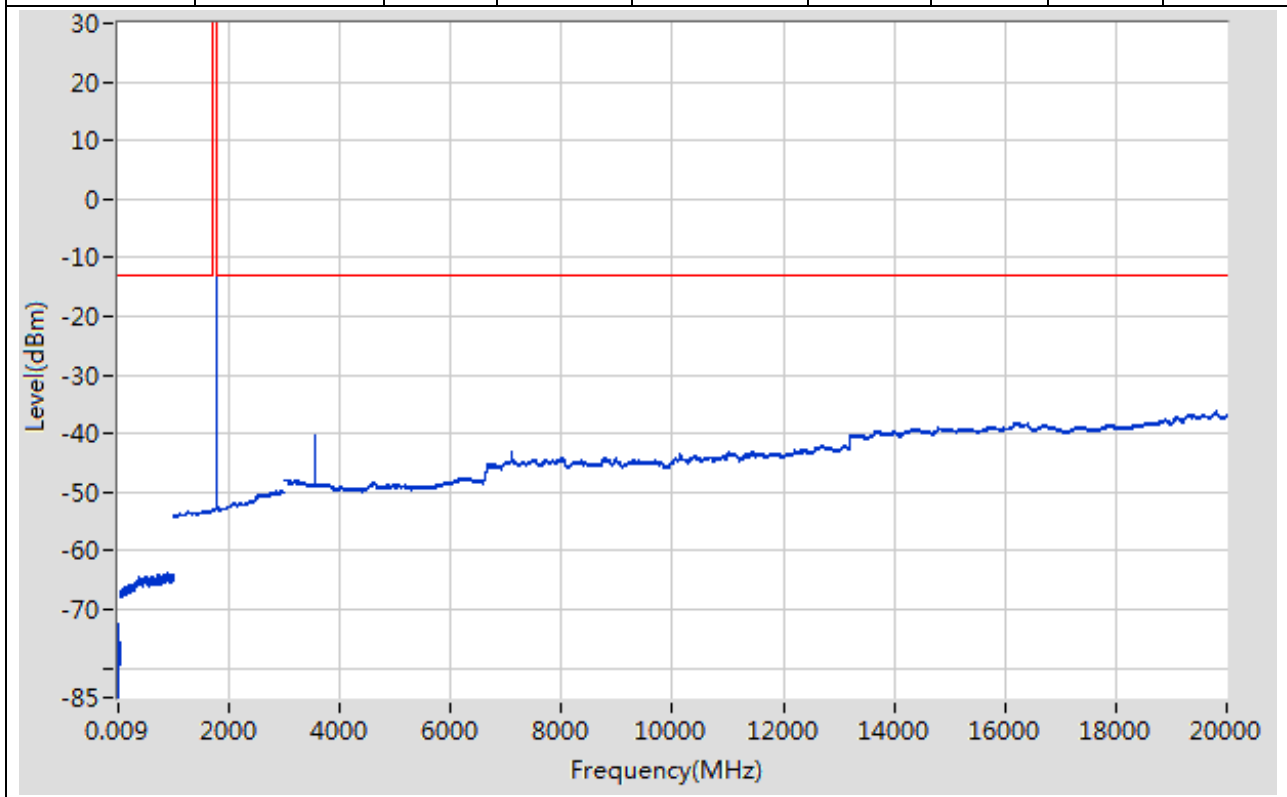
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1.37. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.01	-72.47	-13	Pass	401
0.15	30	0.01	RMS	0.26	-72.38	-13	Pass	2985
30	1000	0.1	RMS	895.561	-63.79	-13	Pass	9699
1000	1700	1	RMS	1700	-52.9	-13	Pass	700
1700	1790	1	RMS	1777.175	21.83	60	Pass	401
1790	3000	1	RMS	2947.957	-49.7	-13	Pass	1210
3000	12000	1	RMS	3554.068	-40.36	-13	Pass	9000
12000	20000	1	RMS	19799.975	-36.21	-13	Pass	8000



Appendix F: Frequency Stability

Test Result

LTE B66 QPSK 10MHz:

Power (VDC)	Temperature (°C)	Value(Hz)
		MCH
3.8	-30	-2.25
	-20	-3.08
	-10	-2.25
	0	-2.57
	10	-2.32
	20	-2.78
	25	-3.23
	30	-3.65
	40	-2.63
	50	-1.16
55	-2.8	
4.2	25	-2.32
3.6	25	-2.82

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LTE B66 16QAM 10MHz:

Power (VDC)	Temperature (°C)	Value(Hz)
		MCH
3.8	-30	-2.3
	-20	-1.44
	-10	-1.63
	0	-2.79
	10	-2.47
	20	-2.99
	25	-2.96
	30	-3.95
	40	-2.68
	50	-2.07
	55	-3.13
4.2	25	-2.62
3.6	25	-3.02

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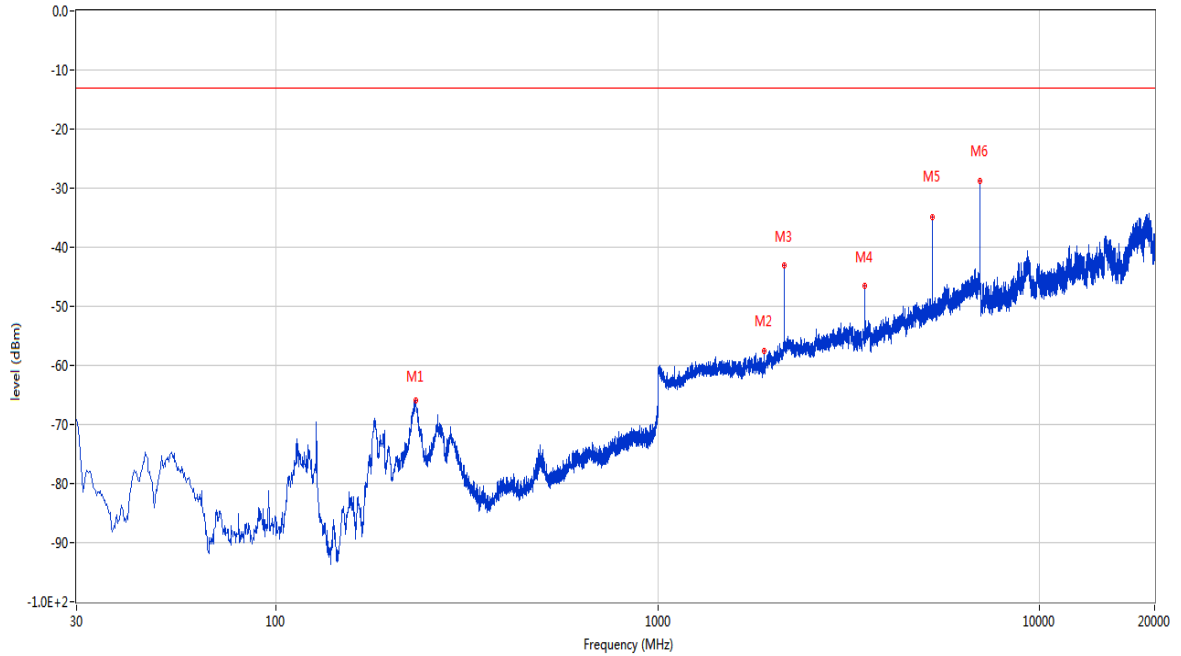
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Appendix G: Radiated Power Measurement

Work Mode: LTE B66 CH132322 BW=1.4 Remark: N.A



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
231.760	-65.90	-14.84	-13.0	-52.90	111.00	Vertical	Horizontal	Pass
1900.500	-57.56	-3.05	-13.0	-44.56	342.00	Vertical	Horizontal	Pass
2144.500	-43.06	0.12	-13.0	-30.06	172.00	Vertical	Horizontal	N/A
3489.000	-46.55	3.94	-13.0	-33.55	333.00	Vertical	Horizontal	Pass
5233.000	-34.94	8.97	-13.0	-21.94	163.00	Vertical	Horizontal	Pass
6978.000	-28.70	16.56	-13.0	-15.70	181.00	Vertical	Horizontal	Pass

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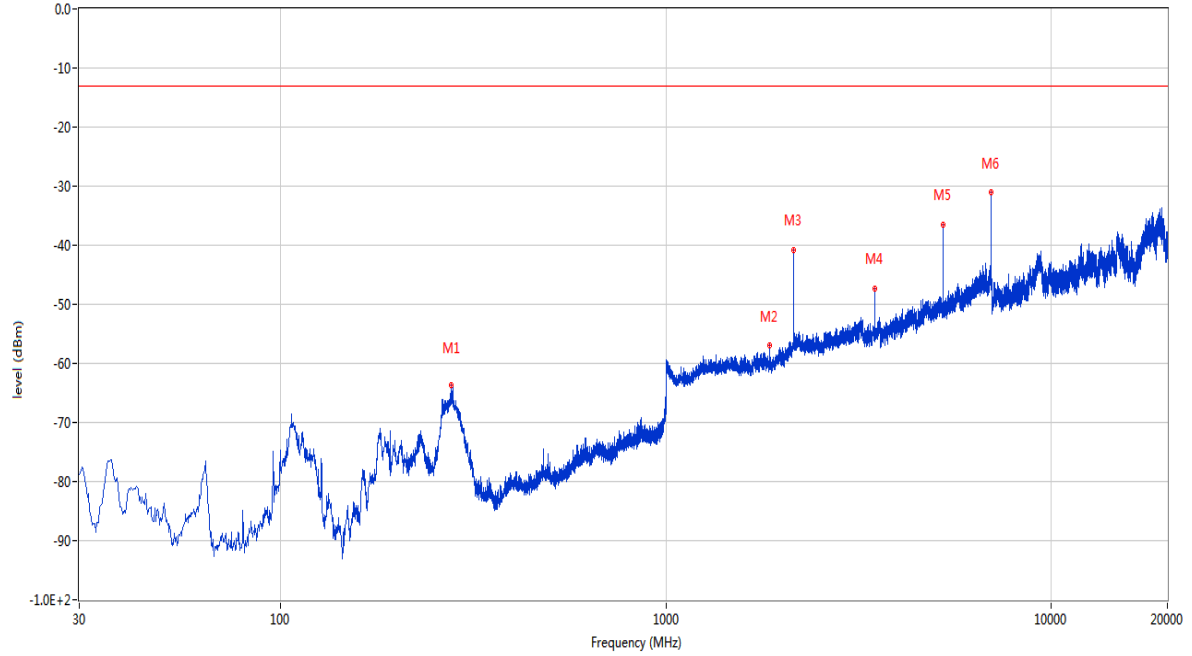
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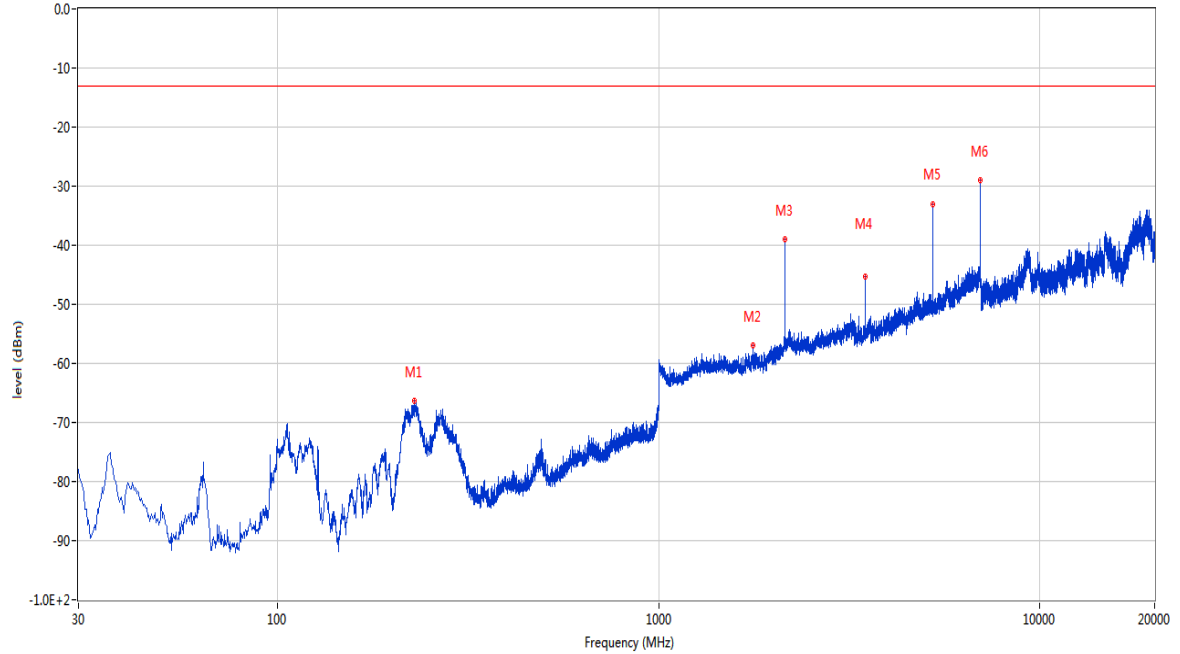
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Work Mode: LTE B66 CH132322 BW=3 Remark: N.A



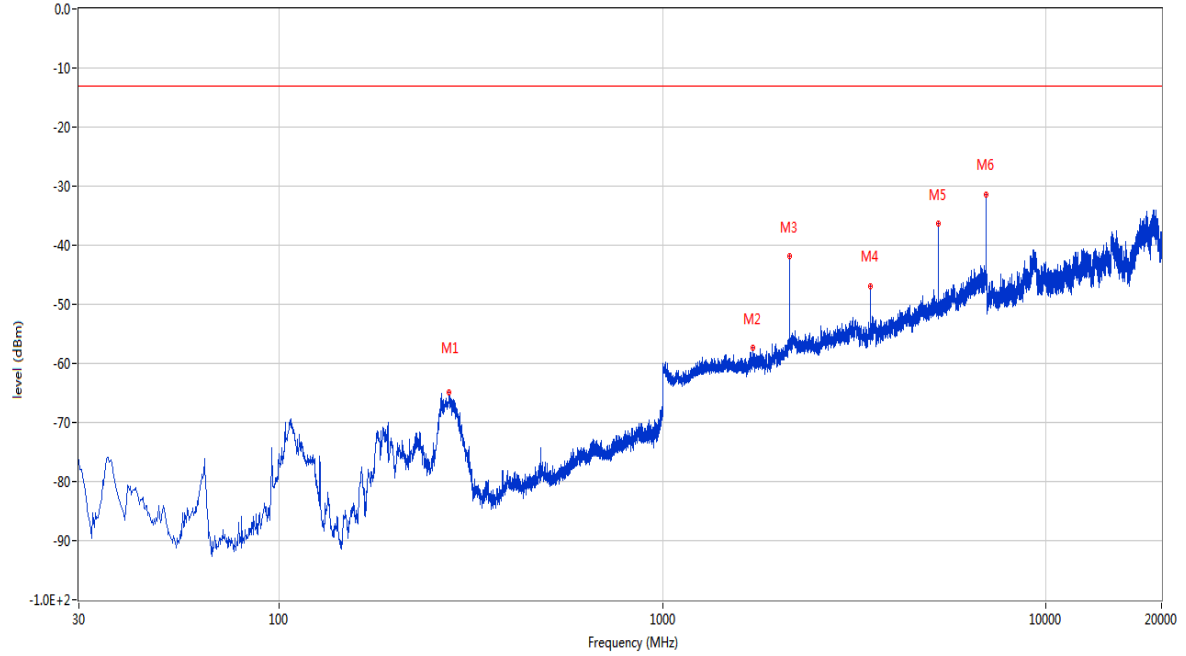
Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
277.593	-63.77	-14.12	-13.0	-50.77	27.00	Vertical	Vertical	Pass
1860.000	-57.03	-3.05	-13.0	-44.03	186.00	Vertical	Vertical	Pass
2145.500	-40.73	0.14	-13.0	-27.73	160.00	Vertical	Vertical	N/A
3487.000	-47.25	3.88	-13.0	-34.25	251.00	Vertical	Vertical	Pass
5231.000	-36.48	9.09	-13.0	-23.48	122.00	Vertical	Vertical	Pass
6975.000	-31.11	16.76	-13.0	-18.11	348.00	Vertical	Vertical	Pass

Work Mode: LTE B66 CH132322 BW=3 Remark: N.A



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
228.122	-66.28	-14.90	-13.0	-53.28	168.00	Vertical	Horizontal	Pass
1771.000	-57.04	-2.17	-13.0	-44.04	23.00	Vertical	Horizontal	Pass
2144.500	-38.98	0.12	-13.0	-25.98	260.00	Vertical	Horizontal	N/A
3488.000	-45.36	3.92	-13.0	-32.36	172.00	Vertical	Horizontal	Pass
5231.000	-33.03	9.09	-13.0	-20.03	205.00	Vertical	Horizontal	Pass
6975.000	-28.97	16.76	-13.0	-15.97	180.00	Vertical	Horizontal	Pass

Work Mode: LTE B66 CH132322 BW=5 Remark: N.A



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
277.350	-64.90	-14.12	-13.0	-51.90	0.00	Vertical	Vertical	Pass
1721.000	-57.40	-2.15	-13.0	-44.40	0.00	Vertical	Vertical	Pass
2143.000	-41.86	0.07	-13.0	-28.86	159.00	Vertical	Vertical	N/A
3486.000	-46.91	3.79	-13.0	-33.91	248.00	Vertical	Vertical	Pass
5228.000	-36.33	9.21	-13.0	-23.33	127.00	Vertical	Vertical	Pass
6971.000	-31.35	16.65	-13.0	-18.35	345.00	Vertical	Vertical	Pass

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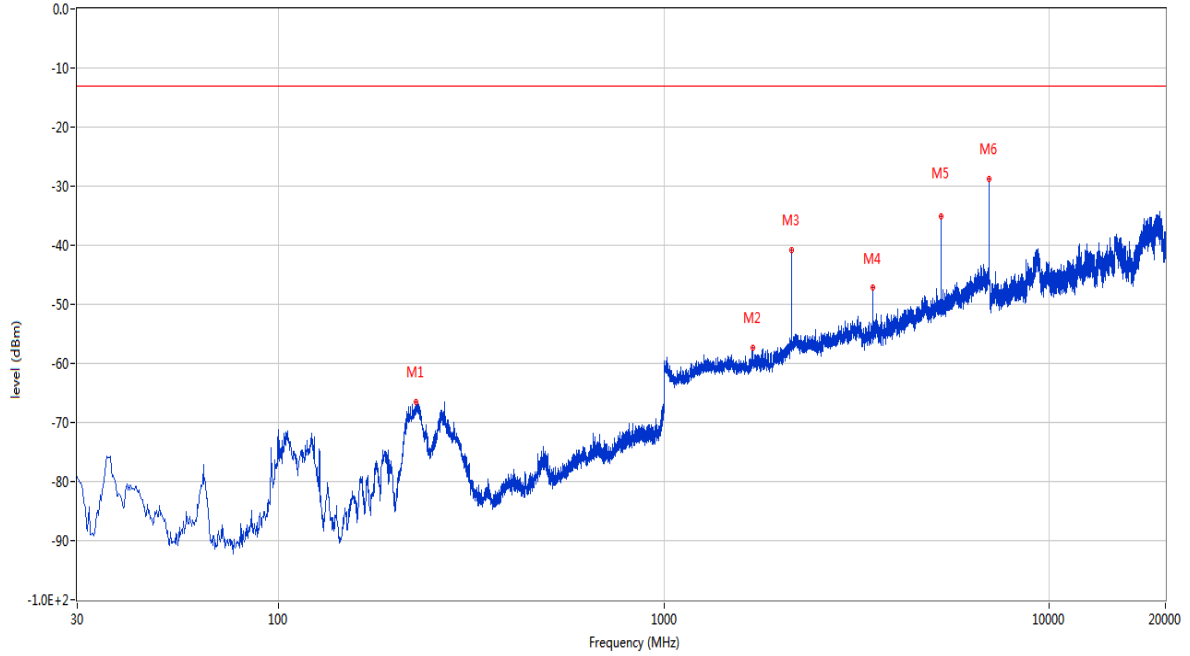
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Work Mode: LTE B66 CH132322 BW=5 Remark: N.A



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
227.395	-66.29	-14.94	-13.0	-53.29	164.00	Vertical	Horizontal	Pass
1700.000	-57.30	-2.18	-13.0	-44.30	94.00	Vertical	Horizontal	Pass
2144.000	-40.67	0.10	-13.0	-27.67	259.00	Vertical	Horizontal	N/A
3486.000	-47.16	3.79	-13.0	-34.16	177.00	Vertical	Horizontal	Pass
5228.000	-35.04	9.21	-13.0	-22.04	201.00	Vertical	Horizontal	Pass
6971.000	-28.88	16.65	-13.0	-15.88	21.00	Vertical	Horizontal	Pass

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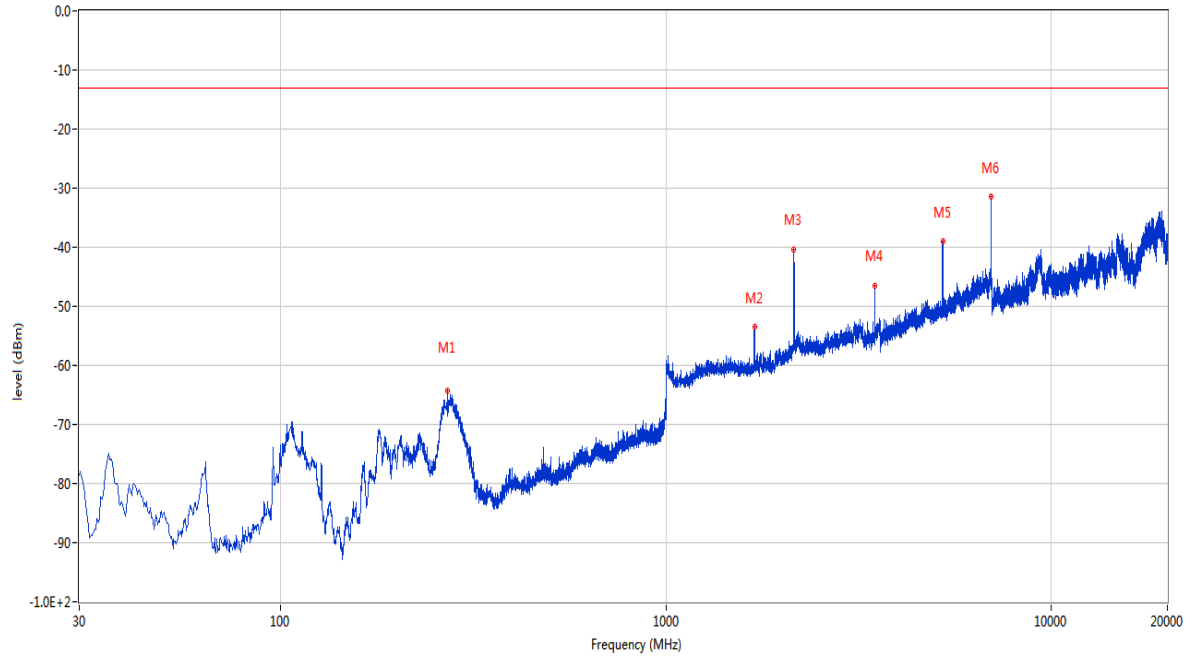
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Work Mode: LTE B66 CH132322 BW=10 Remark: N.A



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
270.802	-64.35	-14.40	-13.0	-51.35	90.00	Vertical	Vertical	Pass
1695.500	-53.55	-2.25	-13.0	-40.55	157.00	Vertical	Vertical	Pass
2144.000	-40.33	0.10	-13.0	-27.33	238.00	Vertical	Vertical	N/A
3481.000	-46.48	3.51	-13.0	-33.48	251.00	Vertical	Vertical	Pass
5222.000	-39.03	9.09	-13.0	-26.03	238.00	Vertical	Vertical	Pass
6962.000	-31.50	16.30	-13.0	-18.50	346.00	Vertical	Vertical	Pass

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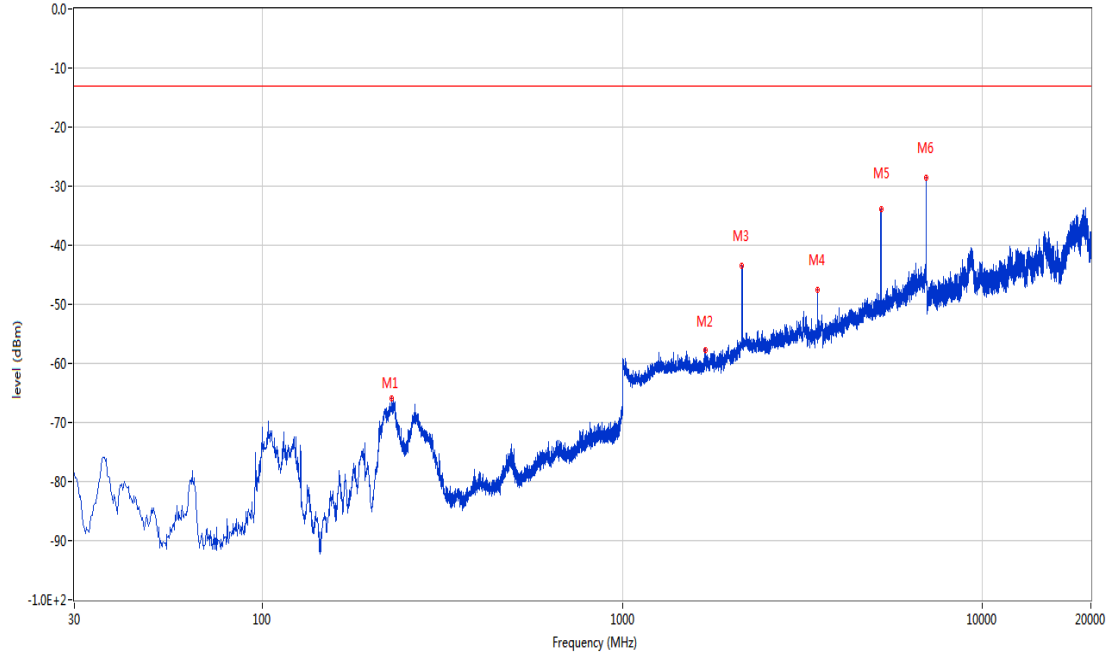
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Work Mode: LTE B66 CH132322 BW=10 Remark: N.A



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
228.850	-65.86	-14.88	-13.0	-52.86	306.00	Vertical	Horizontal	Pass
1701.500	-57.80	-2.18	-13.0	-44.80	27.00	Vertical	Horizontal	Pass
2142.500	-43.39	0.05	-13.0	-30.39	262.00	Vertical	Horizontal	N/A
3481.000	-47.45	3.51	-13.0	-34.45	177.00	Vertical	Horizontal	Pass
5222.000	-33.88	9.09	-13.0	-20.88	208.00	Vertical	Horizontal	Pass
6962.000	-28.54	16.30	-13.0	-15.54	169.00	Vertical	Horizontal	Pass

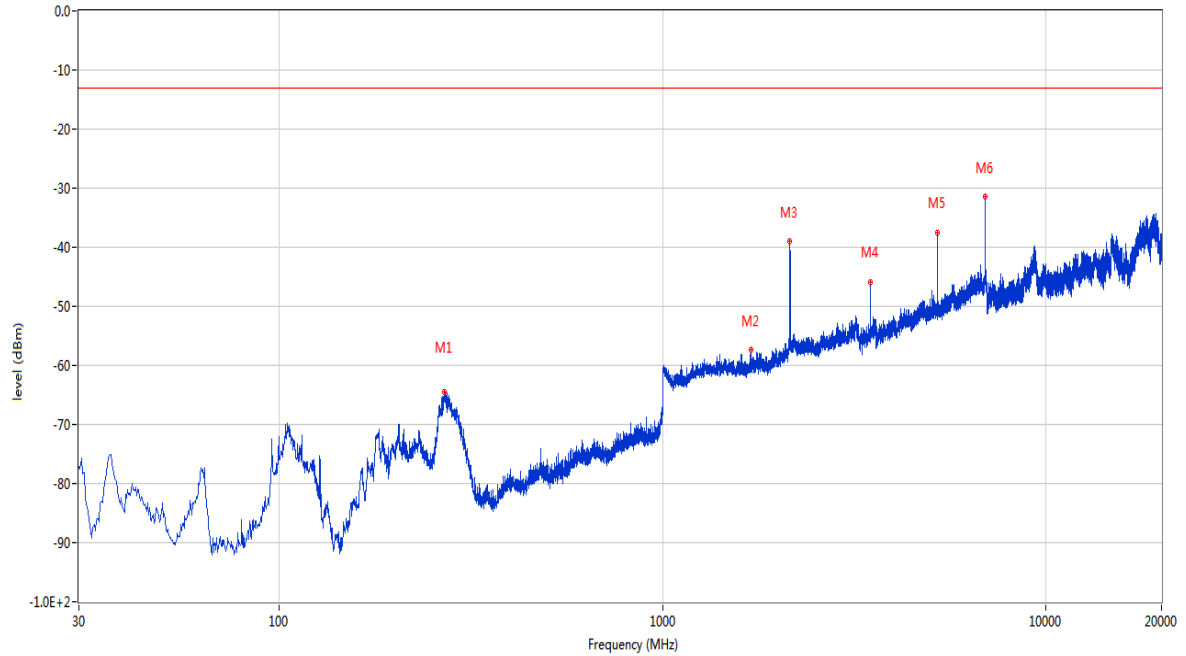
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Work Mode: LTE B66 CH132322 BW=15 Remark: N.A



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
270.075	-64.41	-14.45	-13.0	-51.41	68.00	Vertical	Vertical	Pass
1698.500	-57.39	-2.21	-13.0	-44.39	156.00	Vertical	Vertical	Pass
2148.500	-39.00	0.07	-13.0	-26.00	242.00	Vertical	Vertical	N/A
3477.000	-45.84	3.00	-13.0	-32.84	129.00	Vertical	Vertical	Pass
5215.000	-37.49	9.40	-13.0	-24.49	136.00	Vertical	Vertical	Pass
6953.000	-31.51	15.84	-13.0	-18.51	182.00	Vertical	Vertical	Pass

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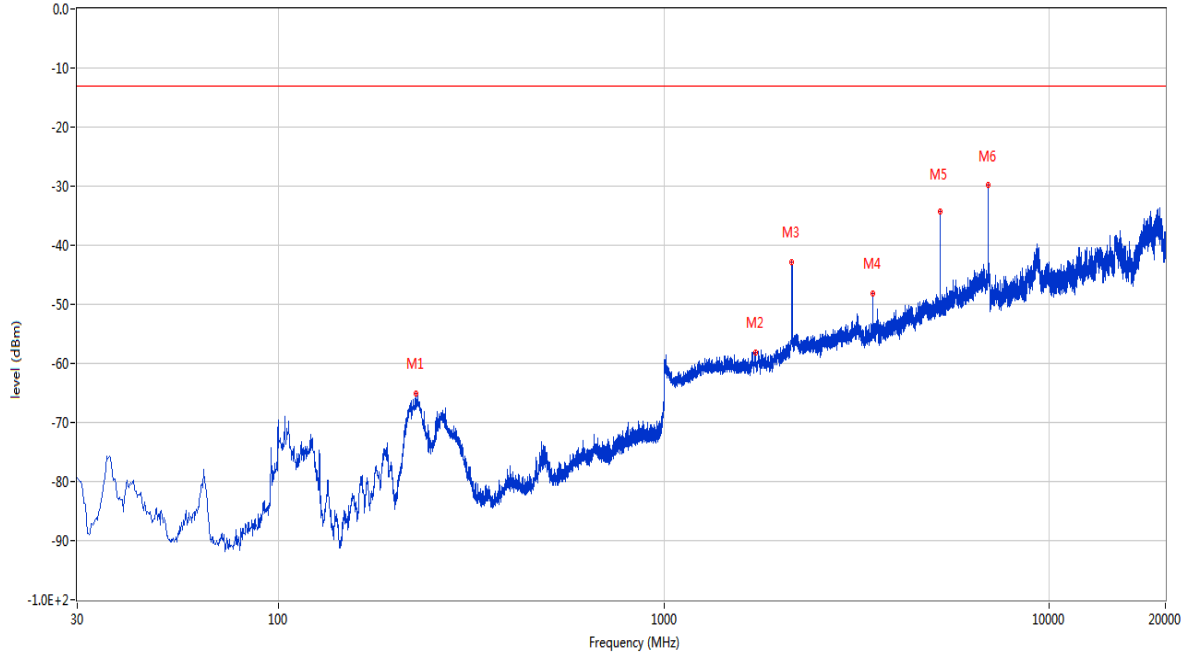
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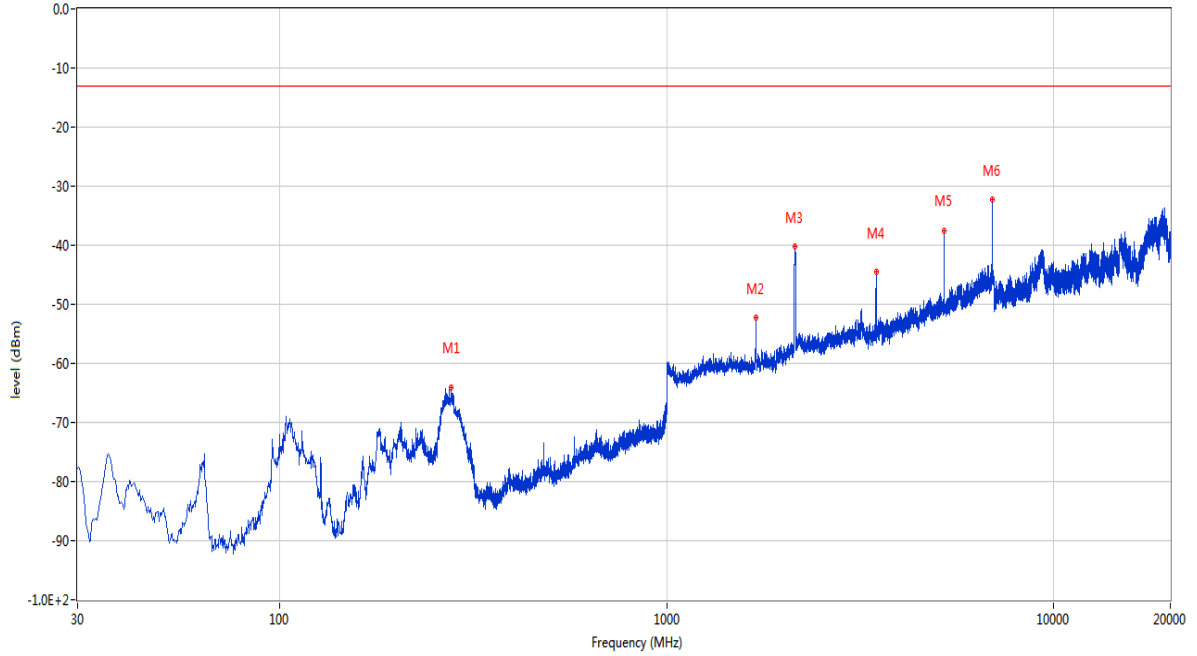
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Work Mode: LTE B66 CH132322 BW=15 Remark: N.A



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
226.910	-65.06	-14.98	-13.0	-52.06	323.00	Vertical	Horizontal	Pass
1723.500	-58.07	-2.14	-13.0	-45.07	361.00	Vertical	Horizontal	Pass
2143.000	-42.76	0.07	-13.0	-29.76	260.00	Vertical	Horizontal	N/A
3477.000	-48.13	3.00	-13.0	-35.13	170.00	Vertical	Horizontal	Pass
5215.000	-34.20	9.40	-13.0	-21.20	193.00	Vertical	Horizontal	Pass
6953.000	-29.71	15.84	-13.0	-16.71	170.00	Vertical	Horizontal	Pass

Work Mode: LTE B66 CH132322 BW=20 Remark: N.A



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
276.622	-64.16	-14.15	-13.0	-51.16	344.00	Vertical	Vertical	Pass
1700.500	-52.27	-2.18	-13.0	-39.27	52.00	Vertical	Vertical	Pass
2143.000	-40.29	0.07	-13.0	-27.29	258.00	Vertical	Vertical	N/A
3472.000	-44.56	3.18	-13.0	-31.56	136.00	Vertical	Vertical	Pass
5208.000	-37.54	9.28	-13.0	-24.54	184.00	Vertical	Vertical	Pass
6944.000	-32.27	15.96	-13.0	-19.27	192.00	Vertical	Vertical	Pass

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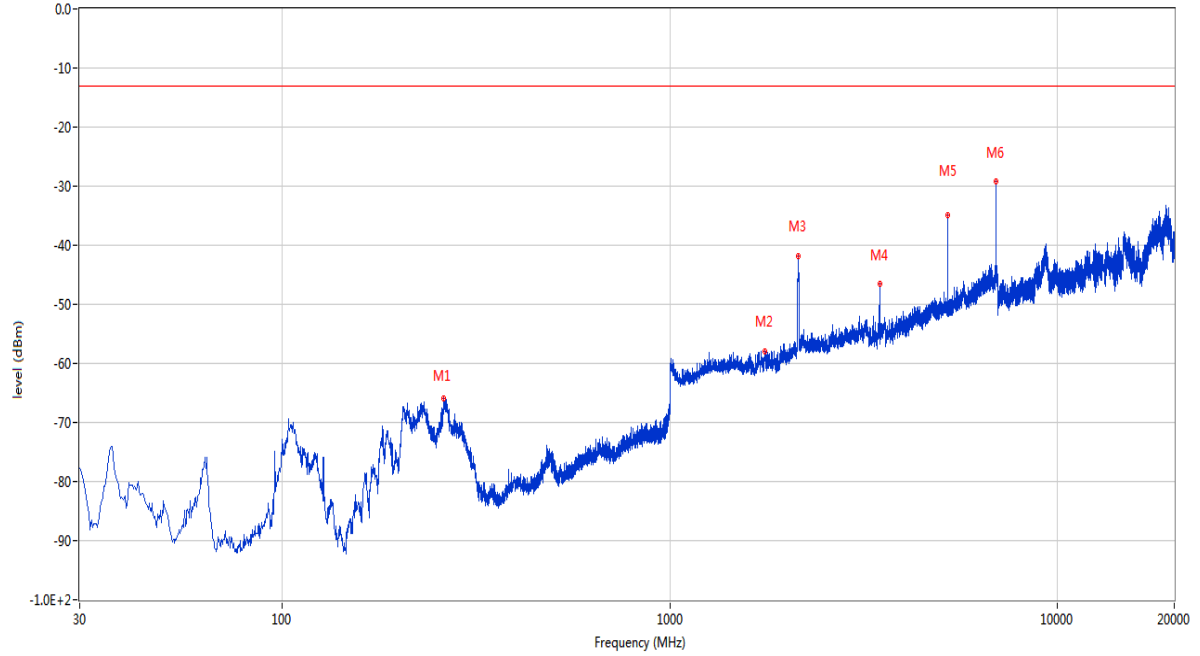
Fax: (86)755-27521011

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Work Mode: LTE B66 CH132322 BW=20 Remark: N.A



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
260.617	-66.01	-15.00	-13.0	-53.01	194.00	Vertical	Horizontal	Pass
1760.500	-57.92	-2.13	-13.0	-44.92	0.00	Vertical	Horizontal	Pass
2139.000	-41.82	-0.06	-13.0	-28.82	257.00	Vertical	Horizontal	N/A
3472.000	-46.62	3.18	-13.0	-33.62	163.00	Vertical	Horizontal	Pass
5208.000	-34.85	9.28	-13.0	-21.85	195.00	Vertical	Horizontal	Pass
6944.000	-29.24	15.96	-13.0	-16.24	174.00	Vertical	Horizontal	Pass

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