

Appendix for LTE Band66

FCC ID: 2AC88-GLMU19A02

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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			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
	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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5			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
	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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	HCH		25	25	22.06	0.02	22.08	0.161	2.000
			50	0	22.3	0.02	22.32	0.171	2.000
		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
			50	0	21.98	0.02	22.00	0.158	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
		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
		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

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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
			100	0	23.06	0.02	23.08	0.203	2.000
		Q16	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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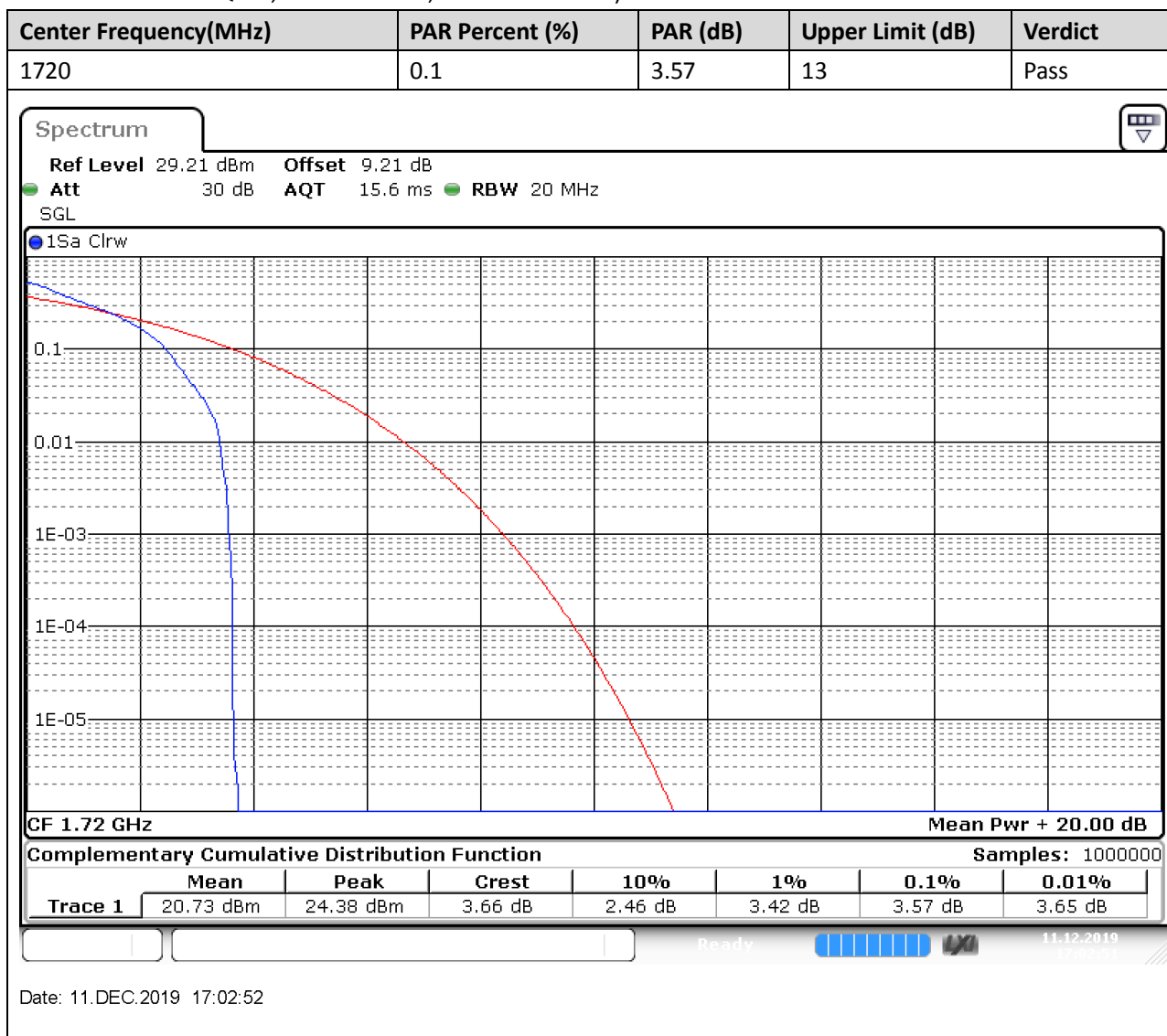
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Appendix B: Peak-to-Average Ratio(CCDF)

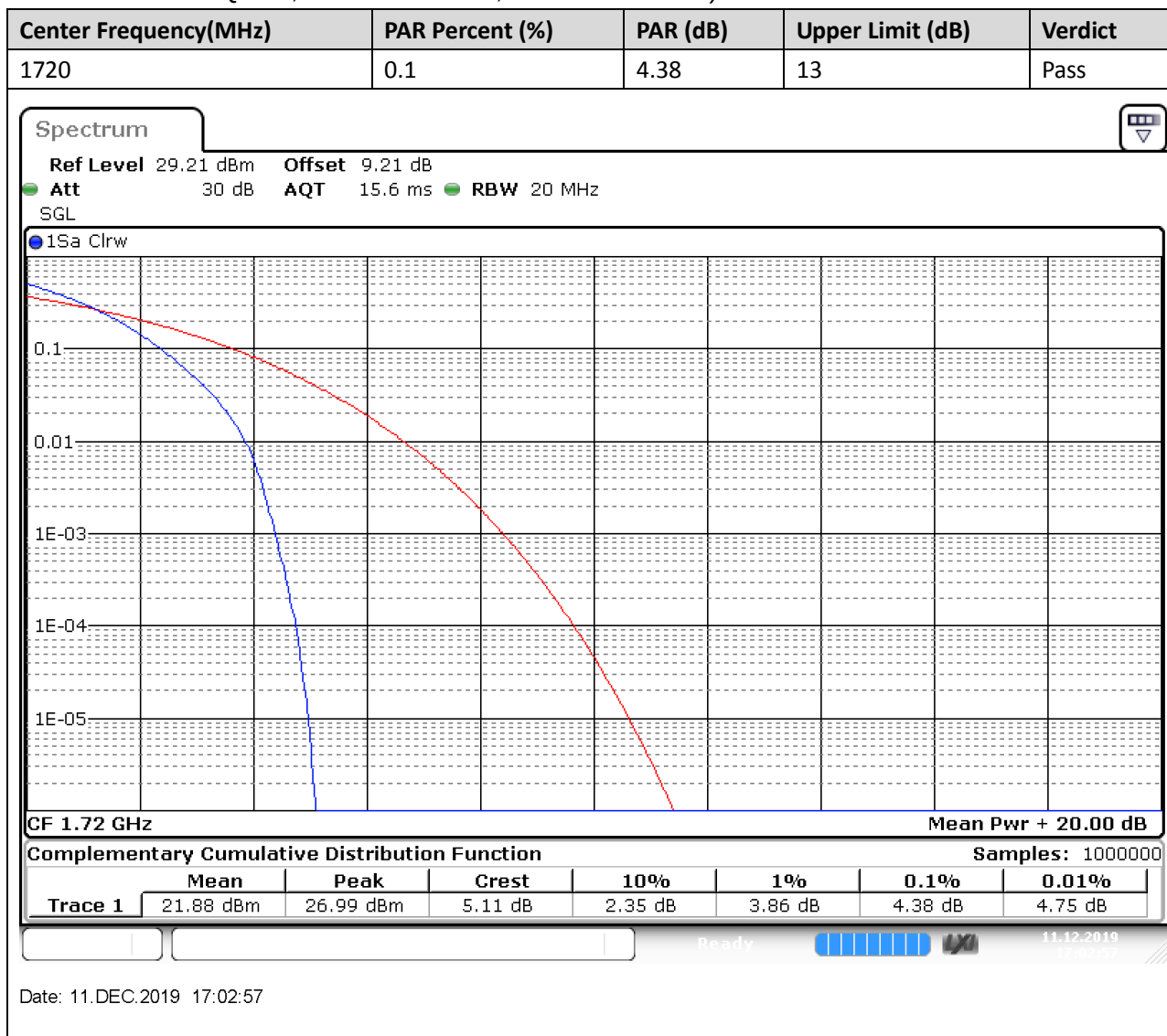
Test Result

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)



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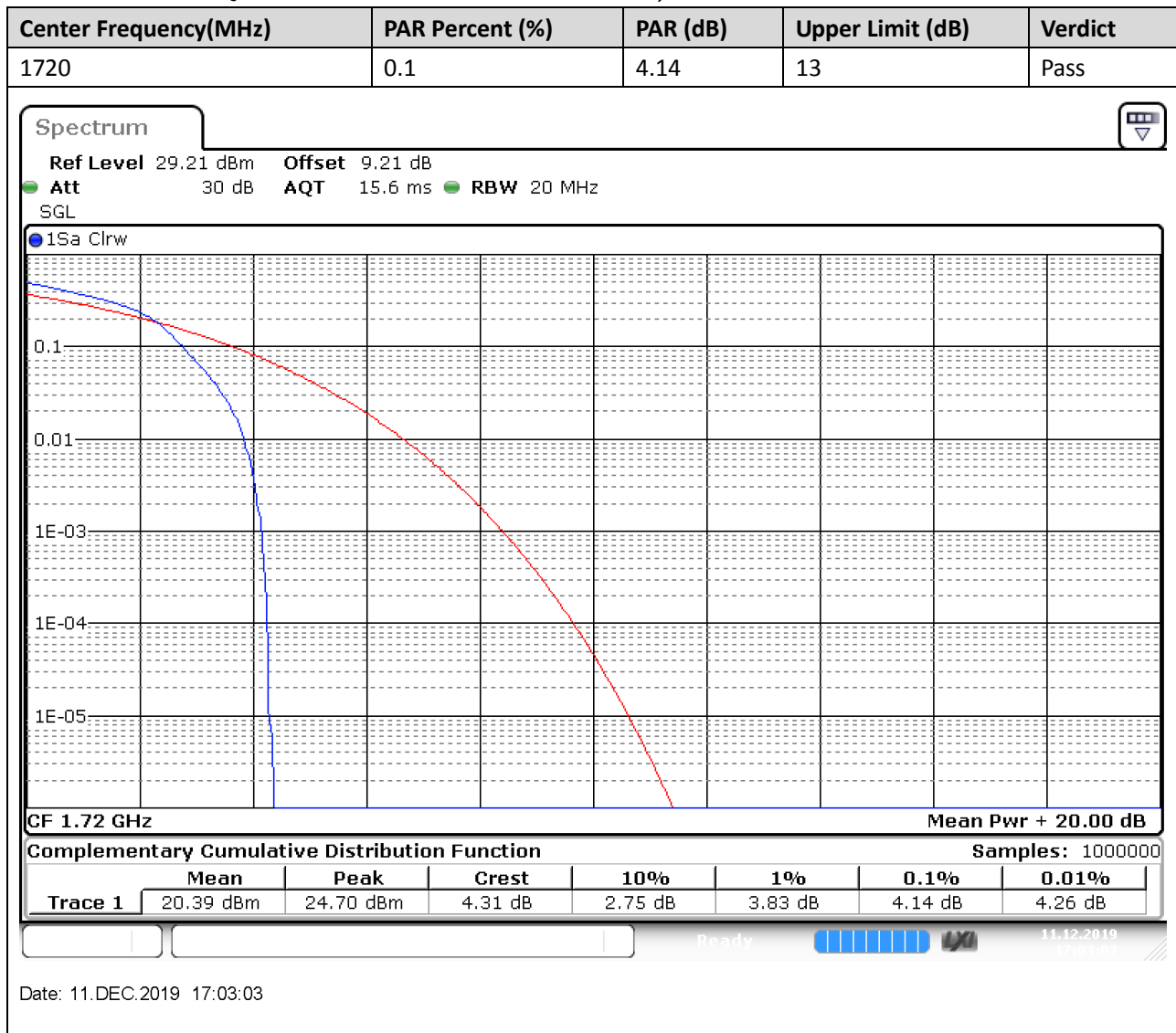
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1.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



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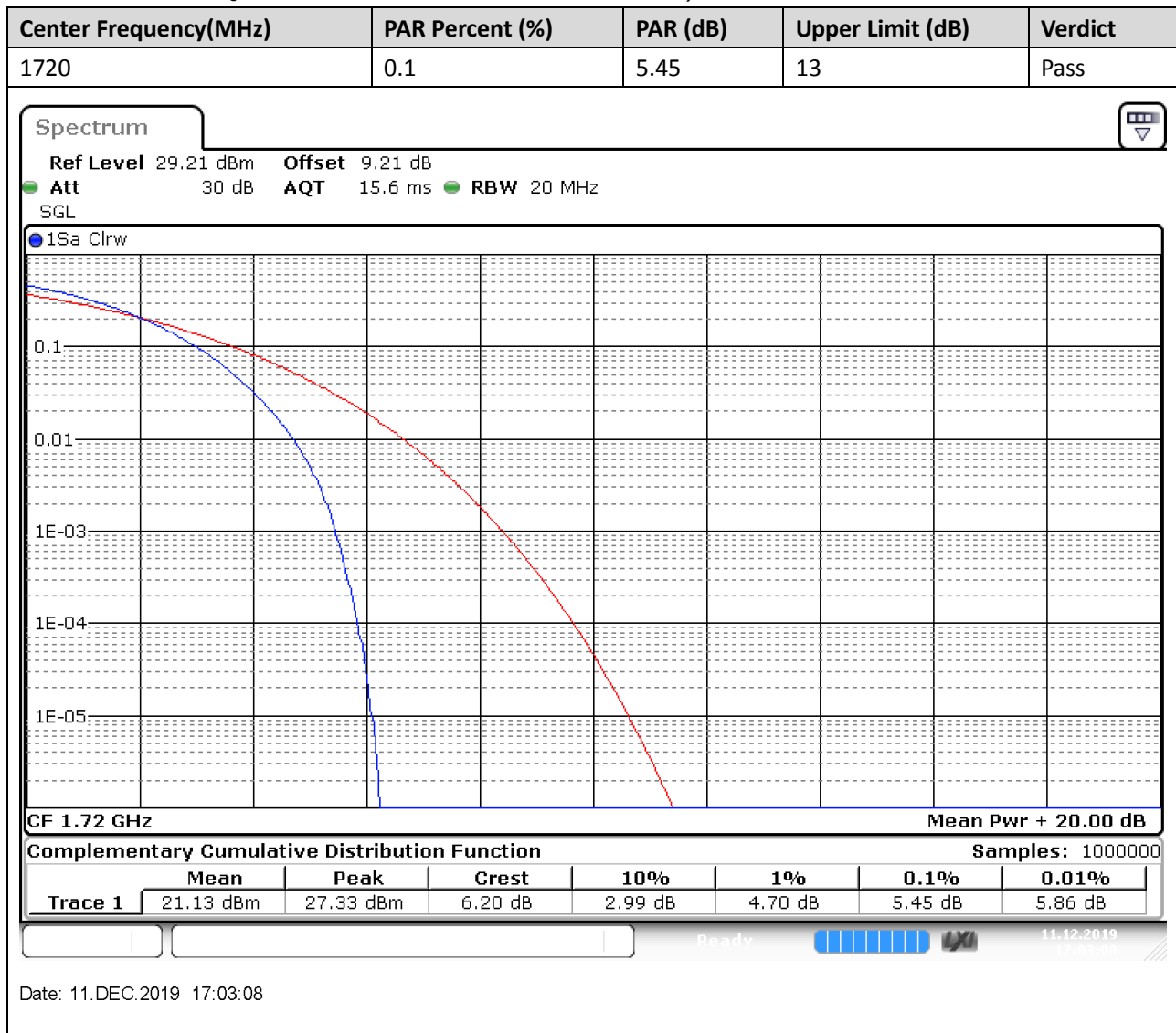
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1.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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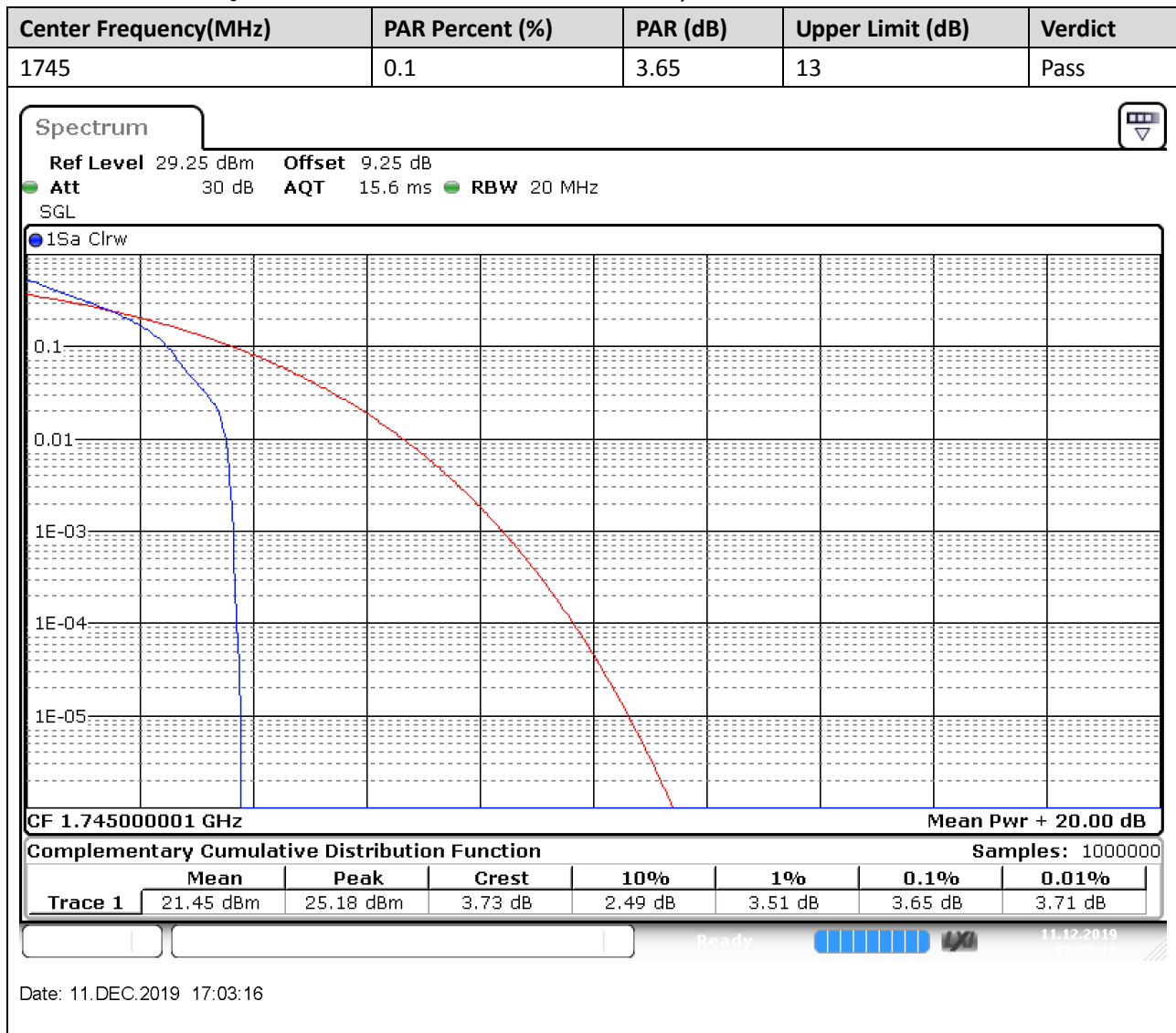
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1.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



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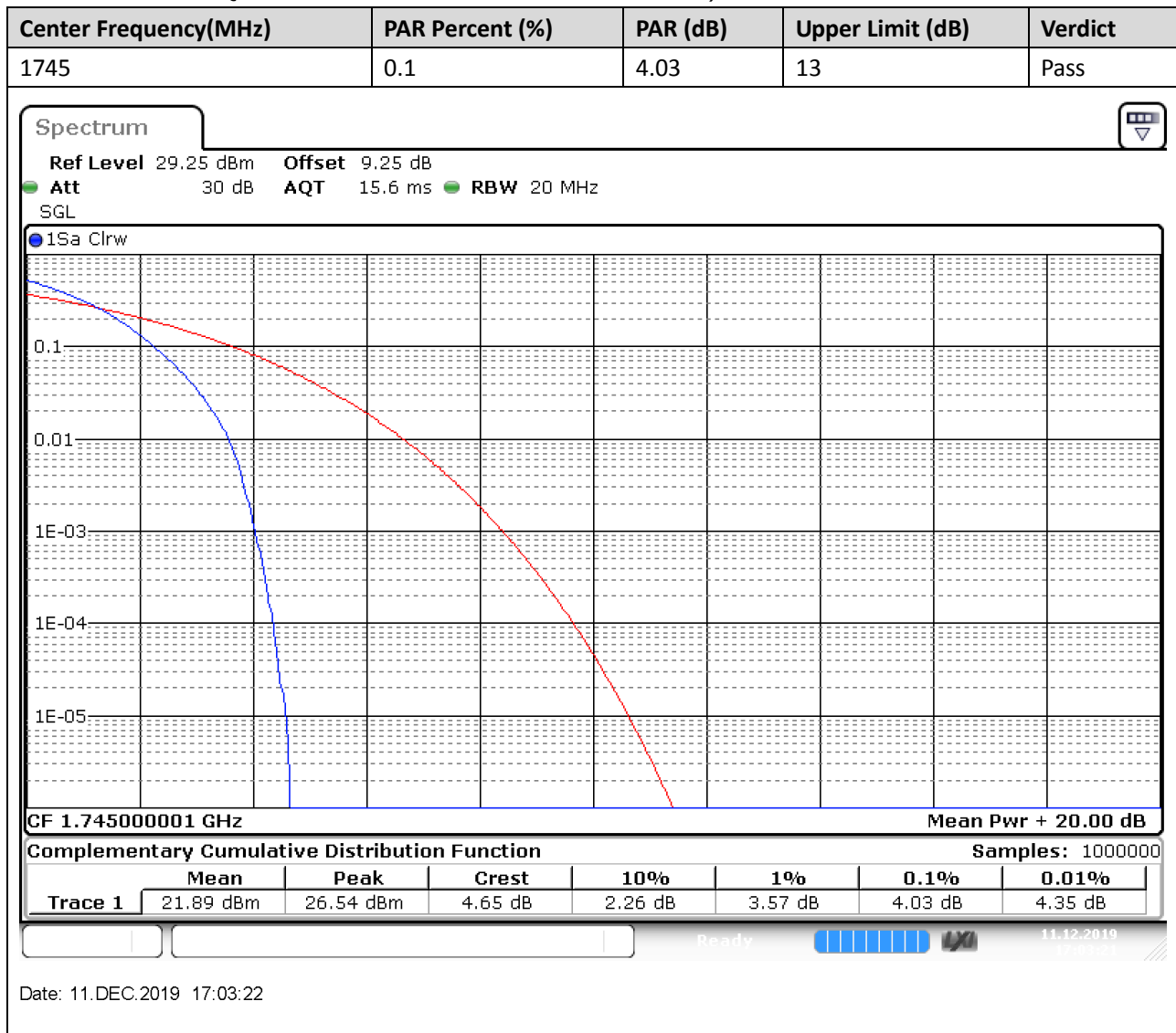
Http://www.sz-ctc.org.cn



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



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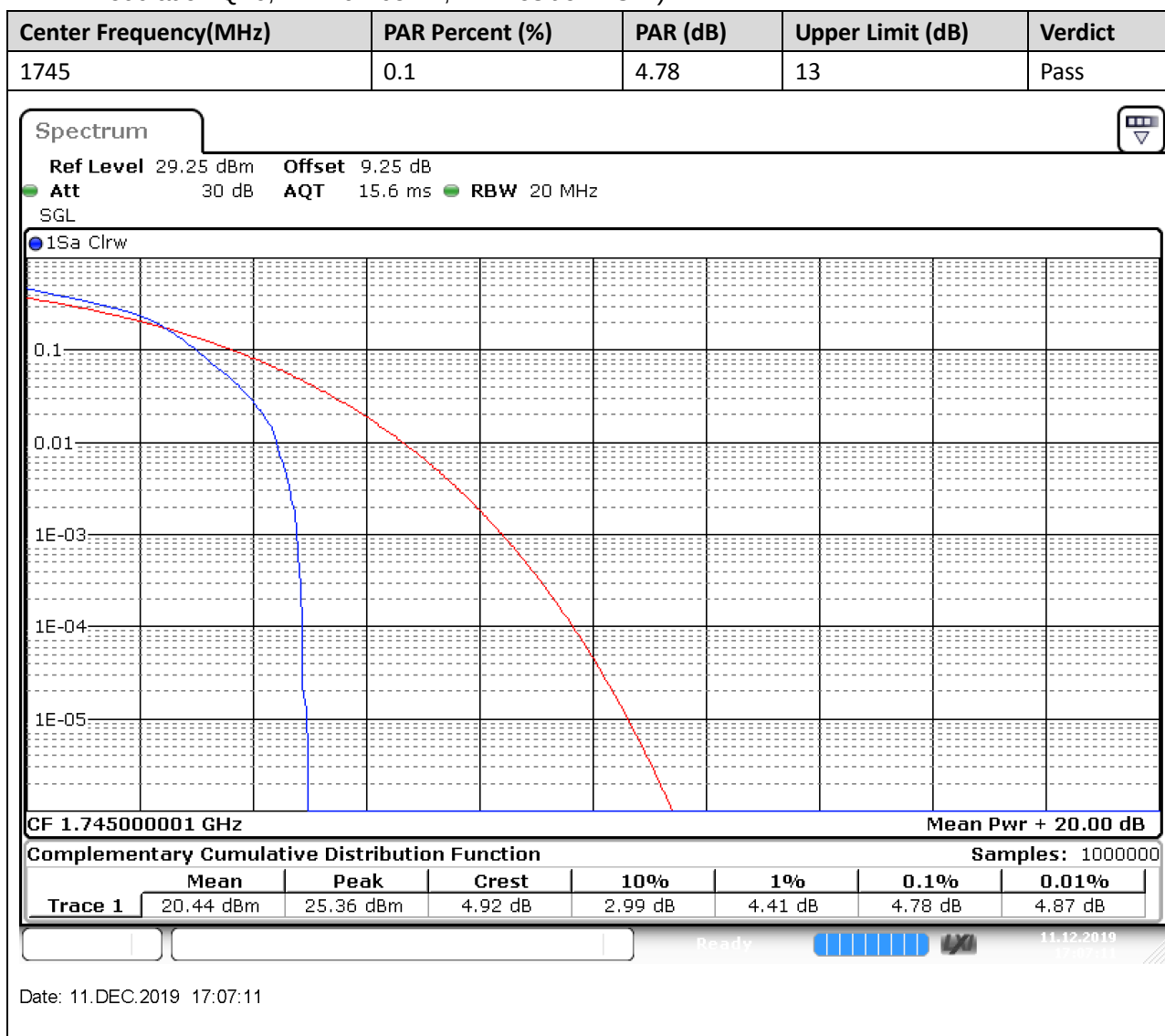
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1.9. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



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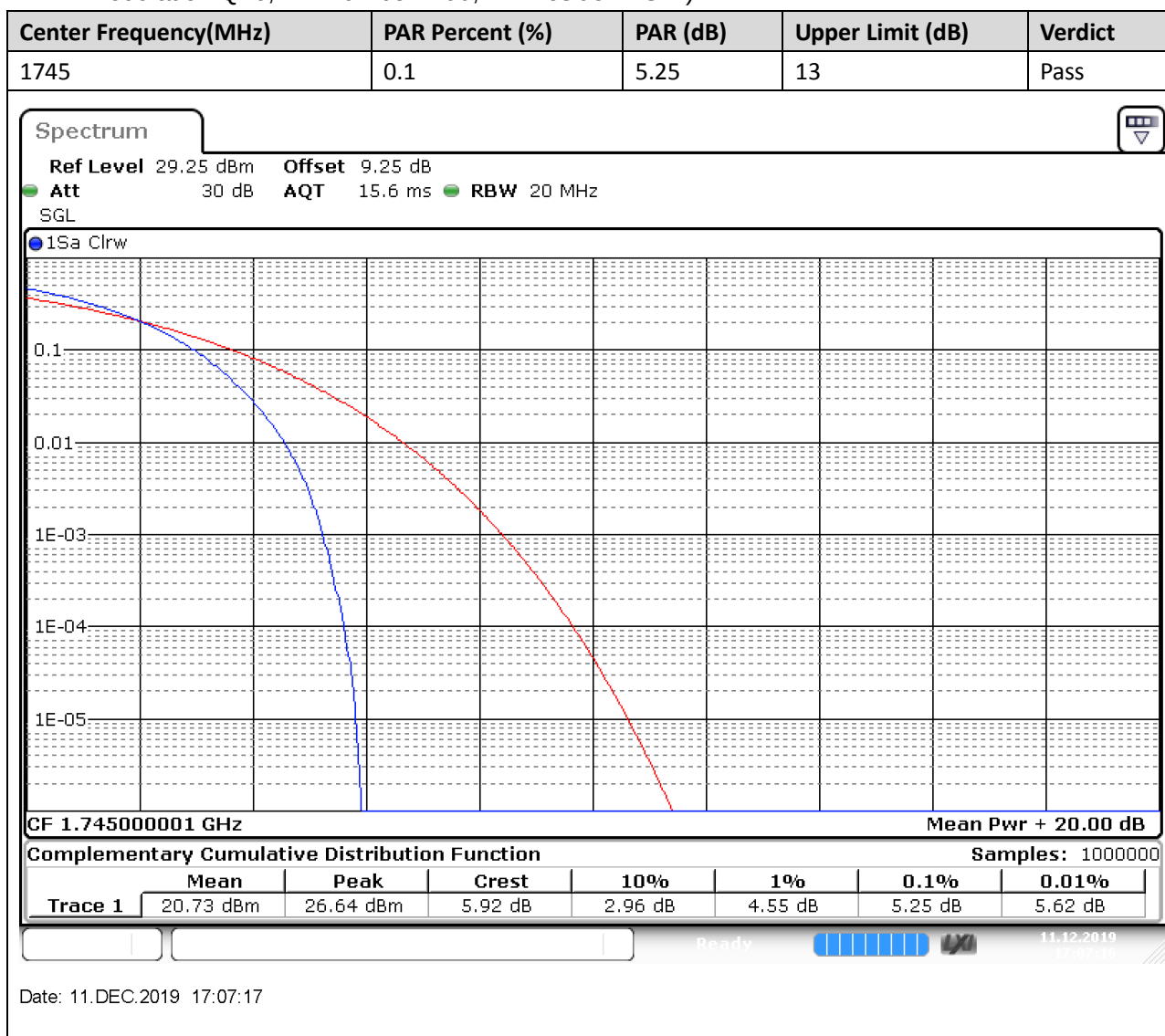
Http://www.sz-ctc.org.cn



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



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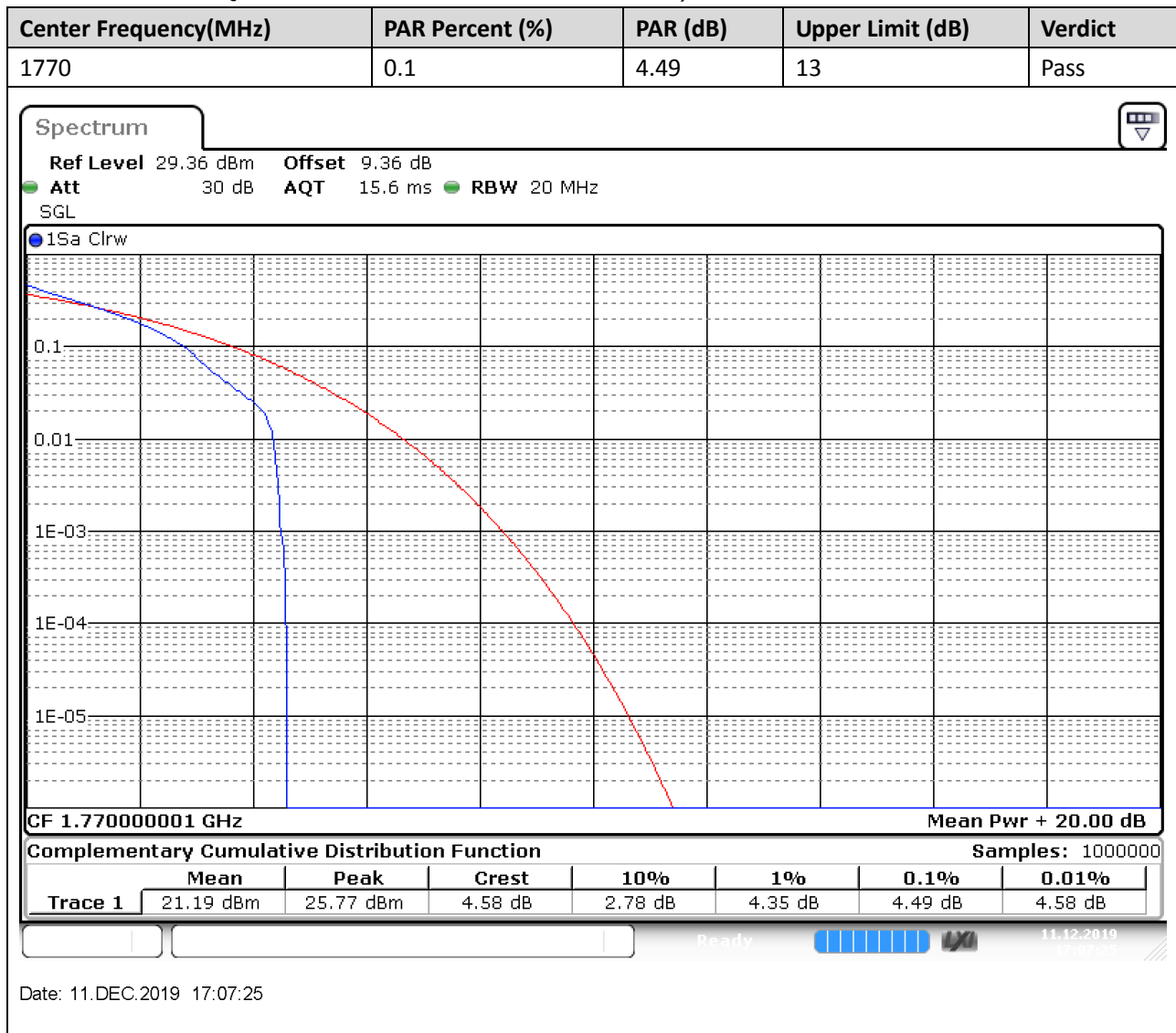
Http://www.sz-ctc.org.cn



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



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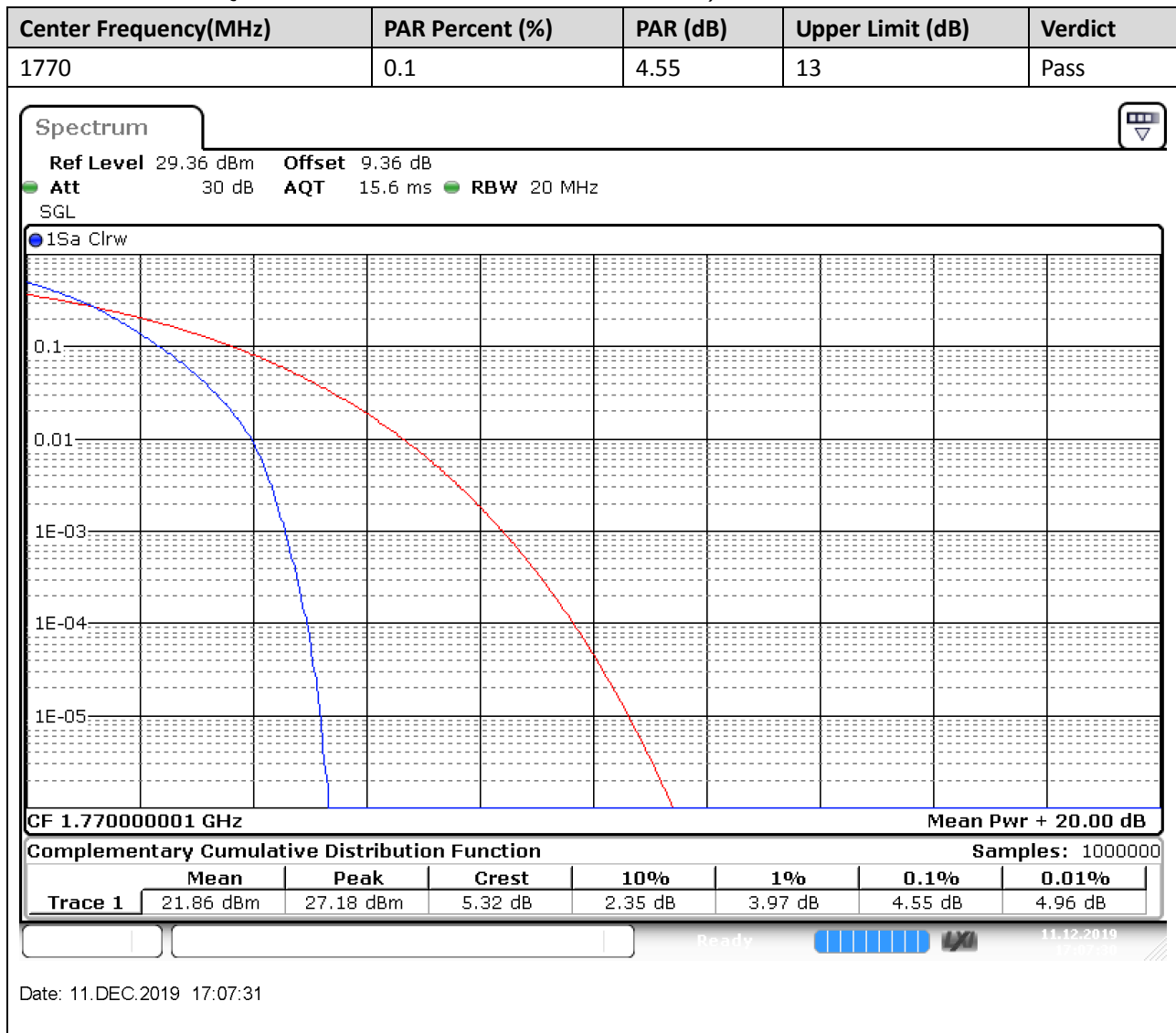
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1.12. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



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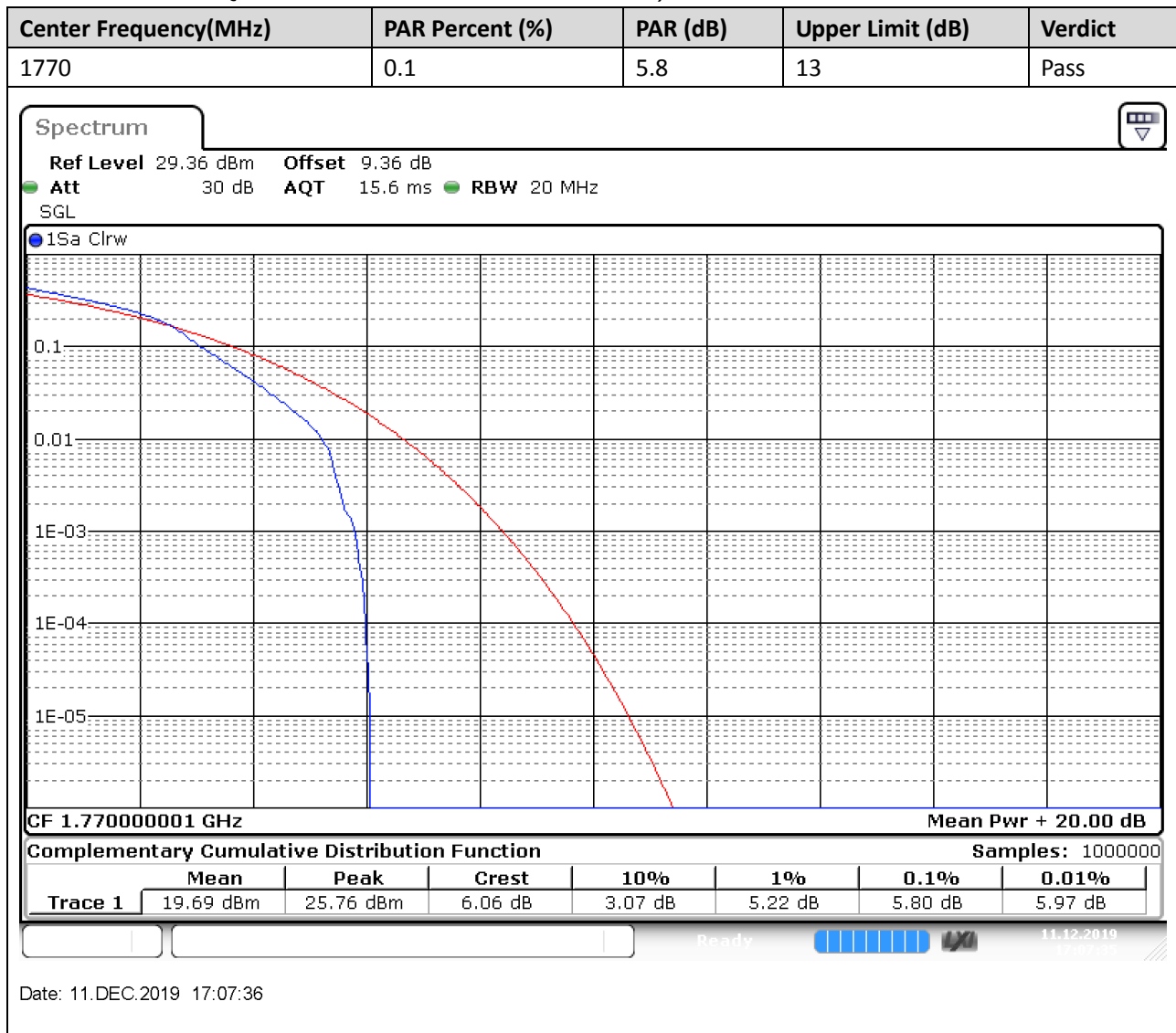
Http://www.sz-ctc.org.cn



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



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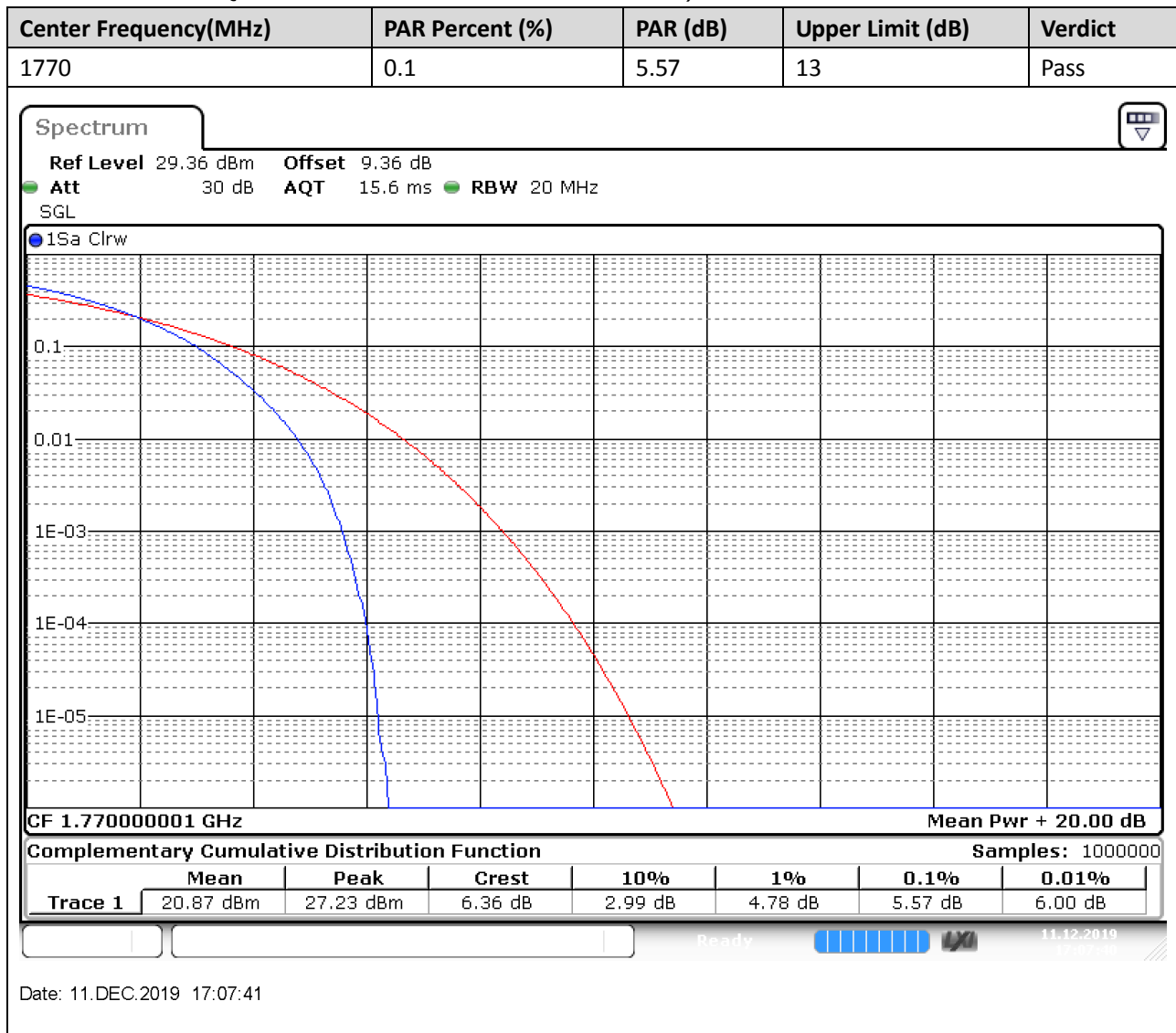
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1.14. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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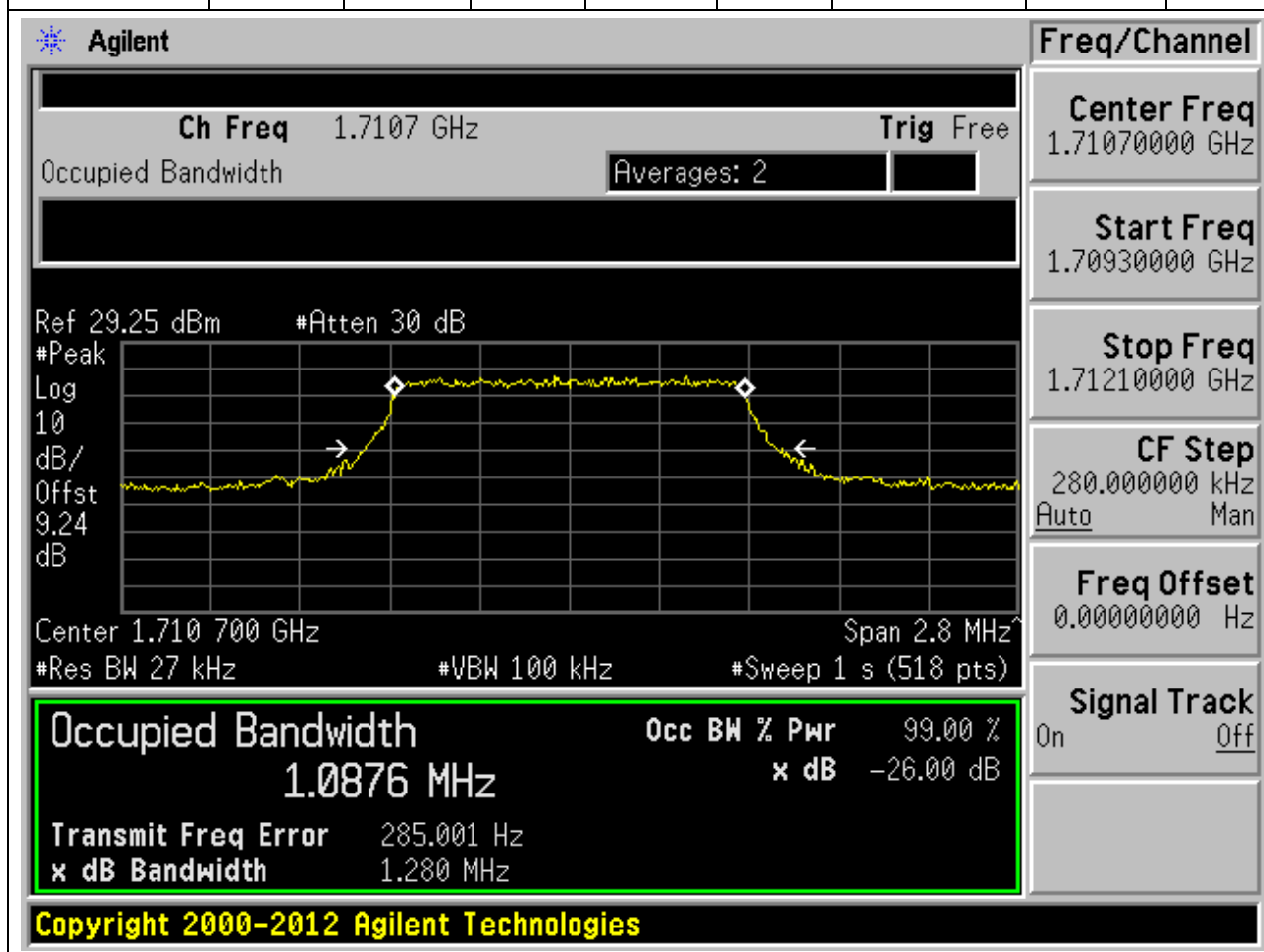
For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : yz.cnca.cn

Appendix C: 26dB Bandwidth and Occupied Bandwidth

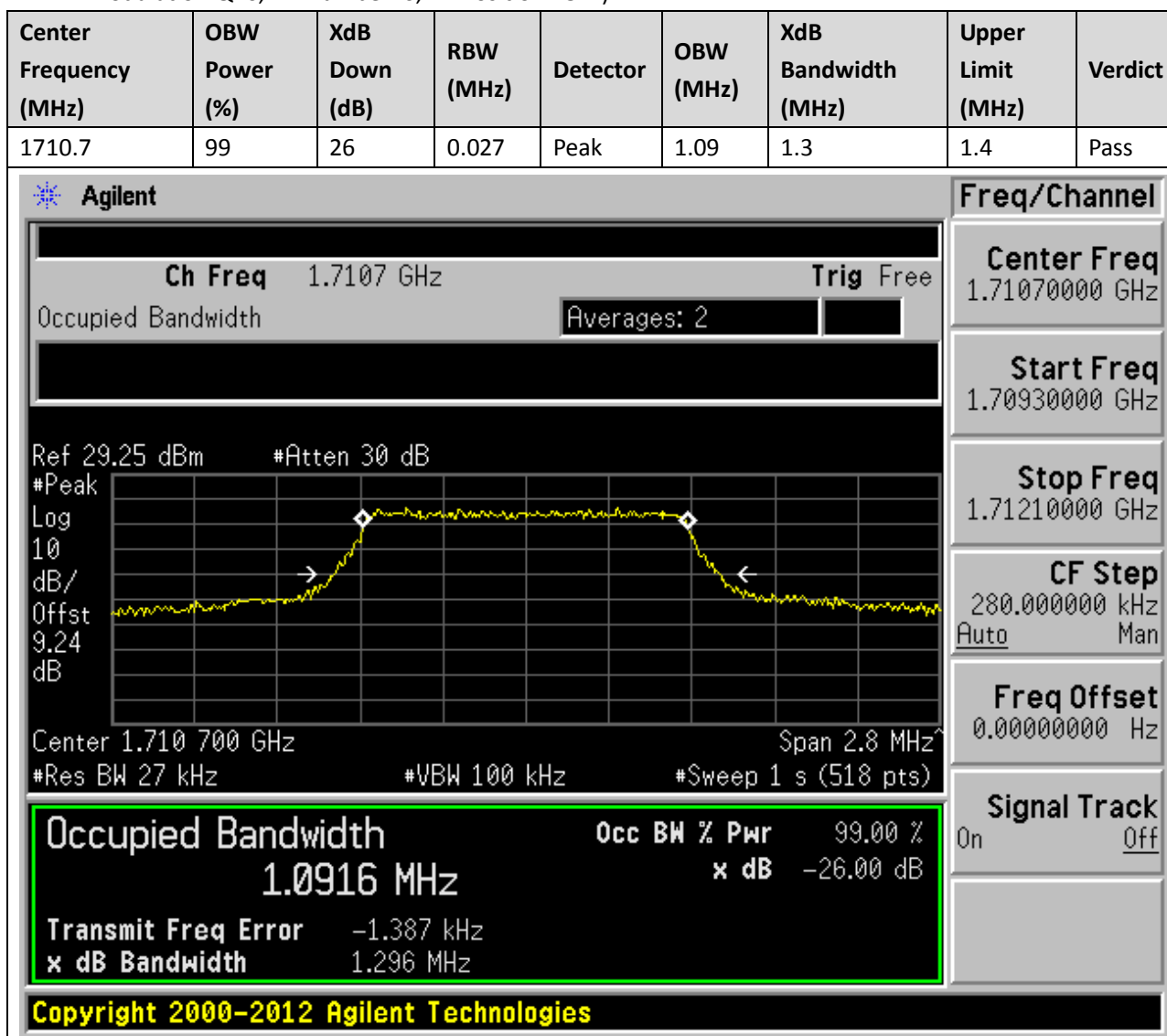
Test Result

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

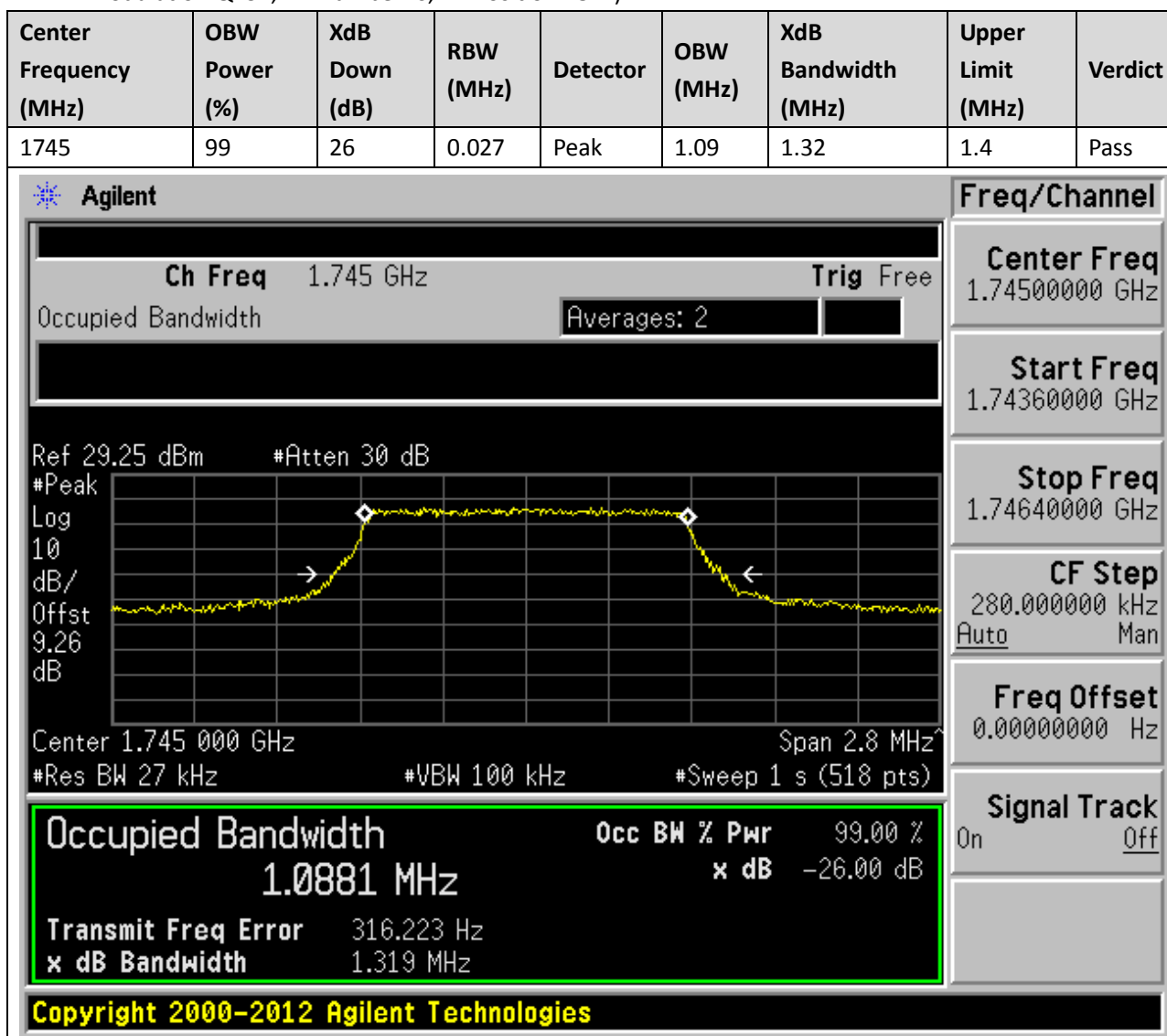
Center Frequency (MHz)	OBW Power (%)	XdB Down (dB)	RBW (MHz)	Detector	OBW (MHz)	XdB Bandwidth (MHz)	Upper Limit (MHz)	Verdict
1710.7	99	26	0.027	Peak	1.09	1.28	1.4	Pass



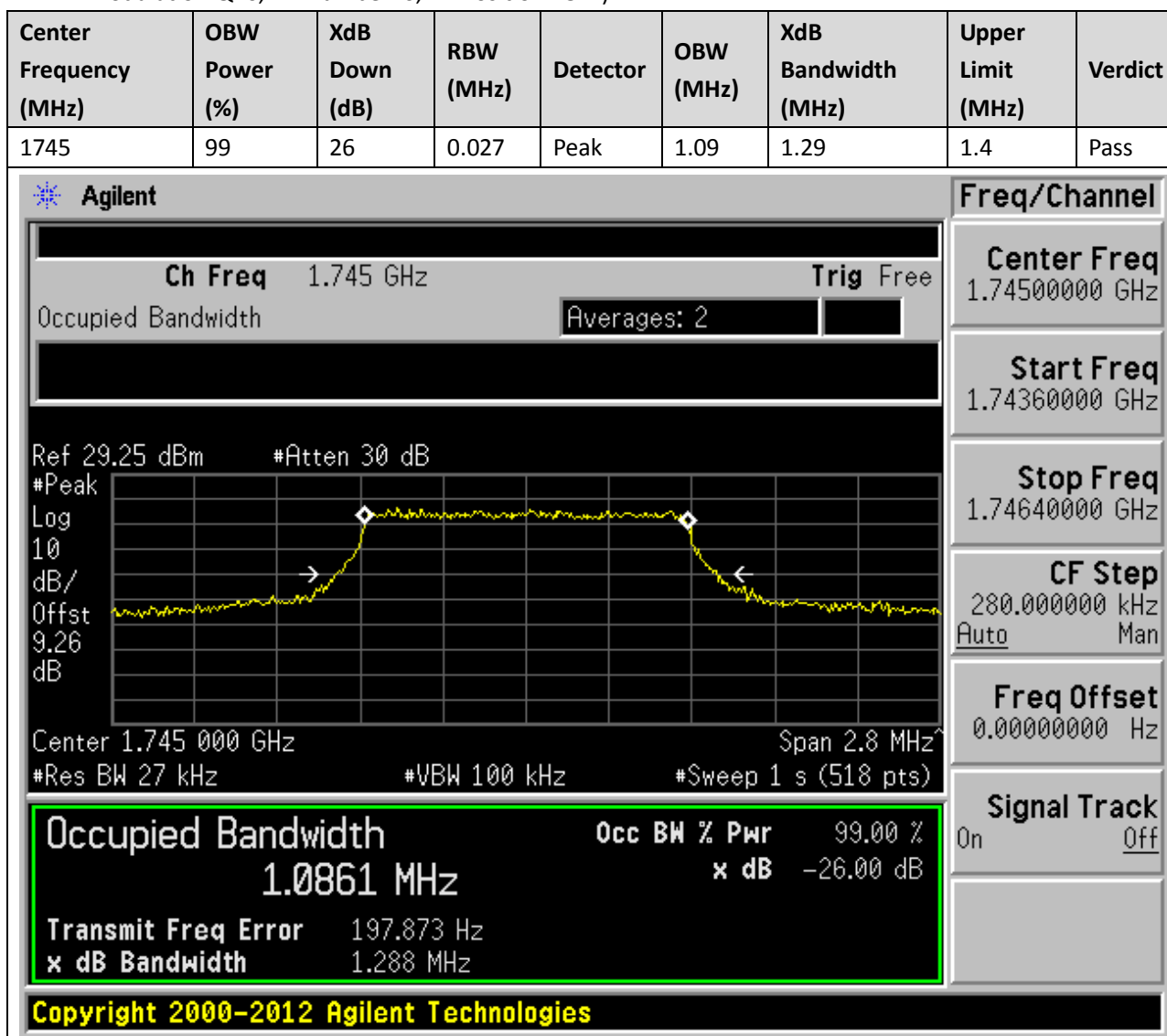
1.26. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)



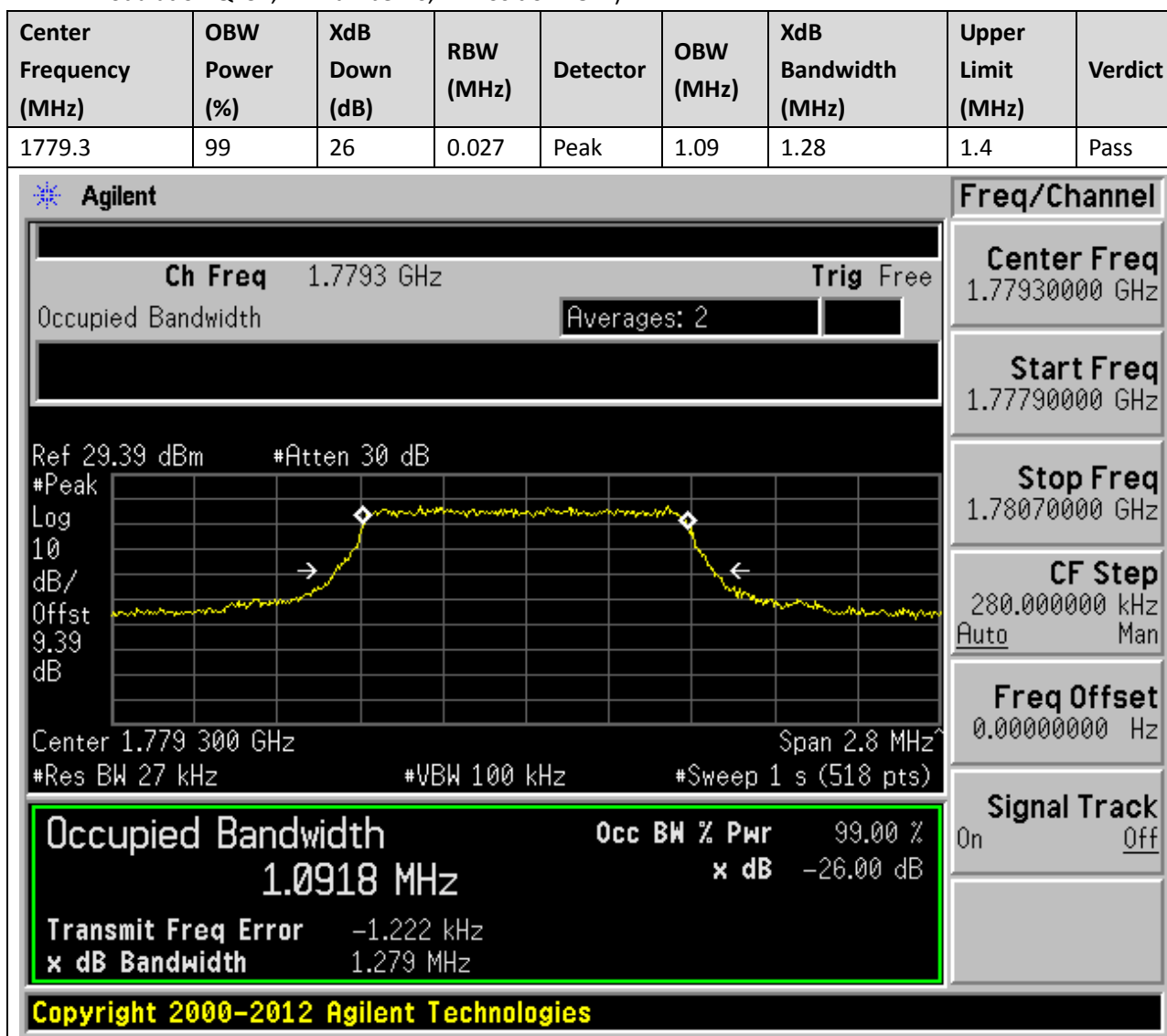
1.27. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:132322, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



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

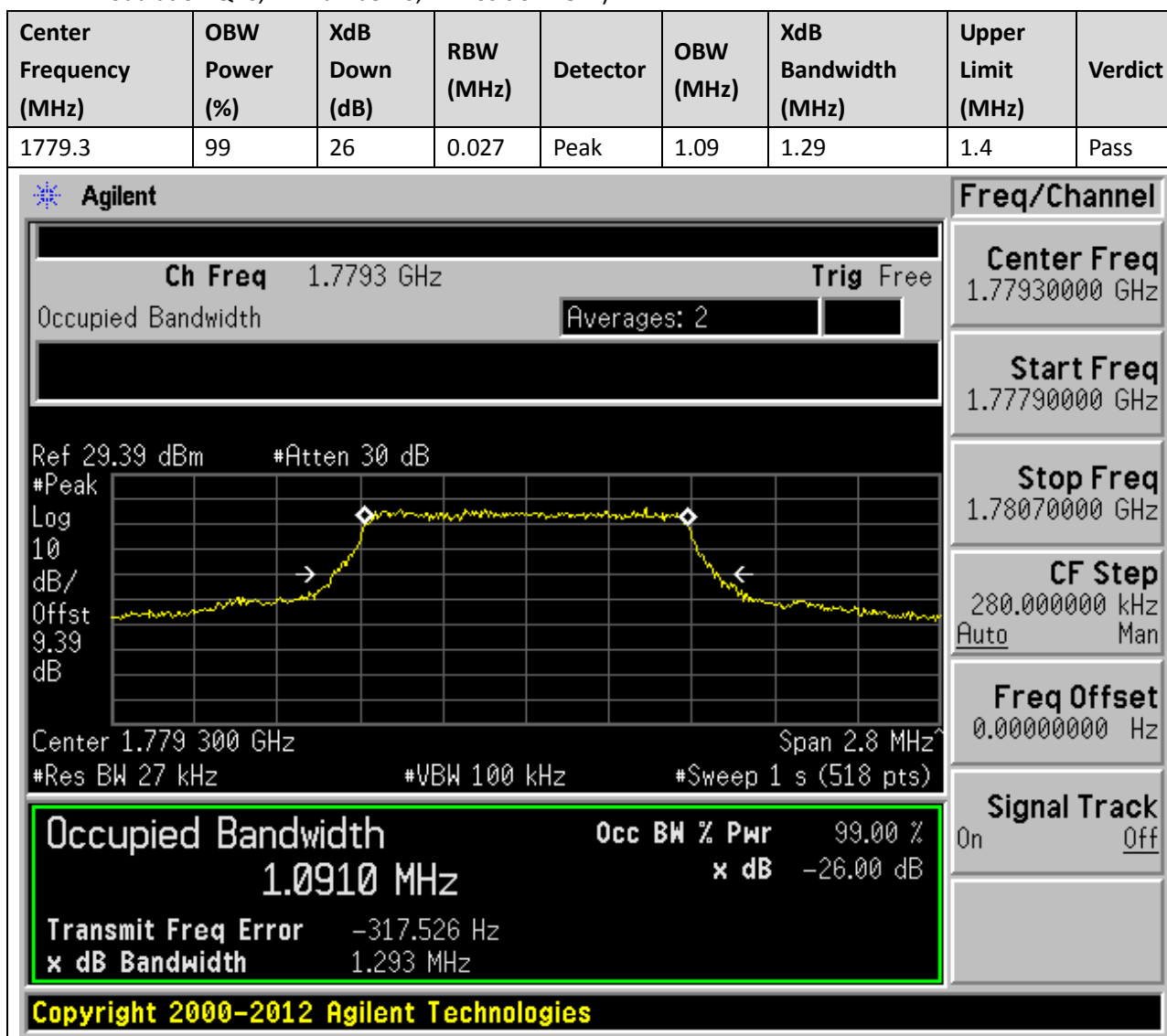


1.29. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)





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



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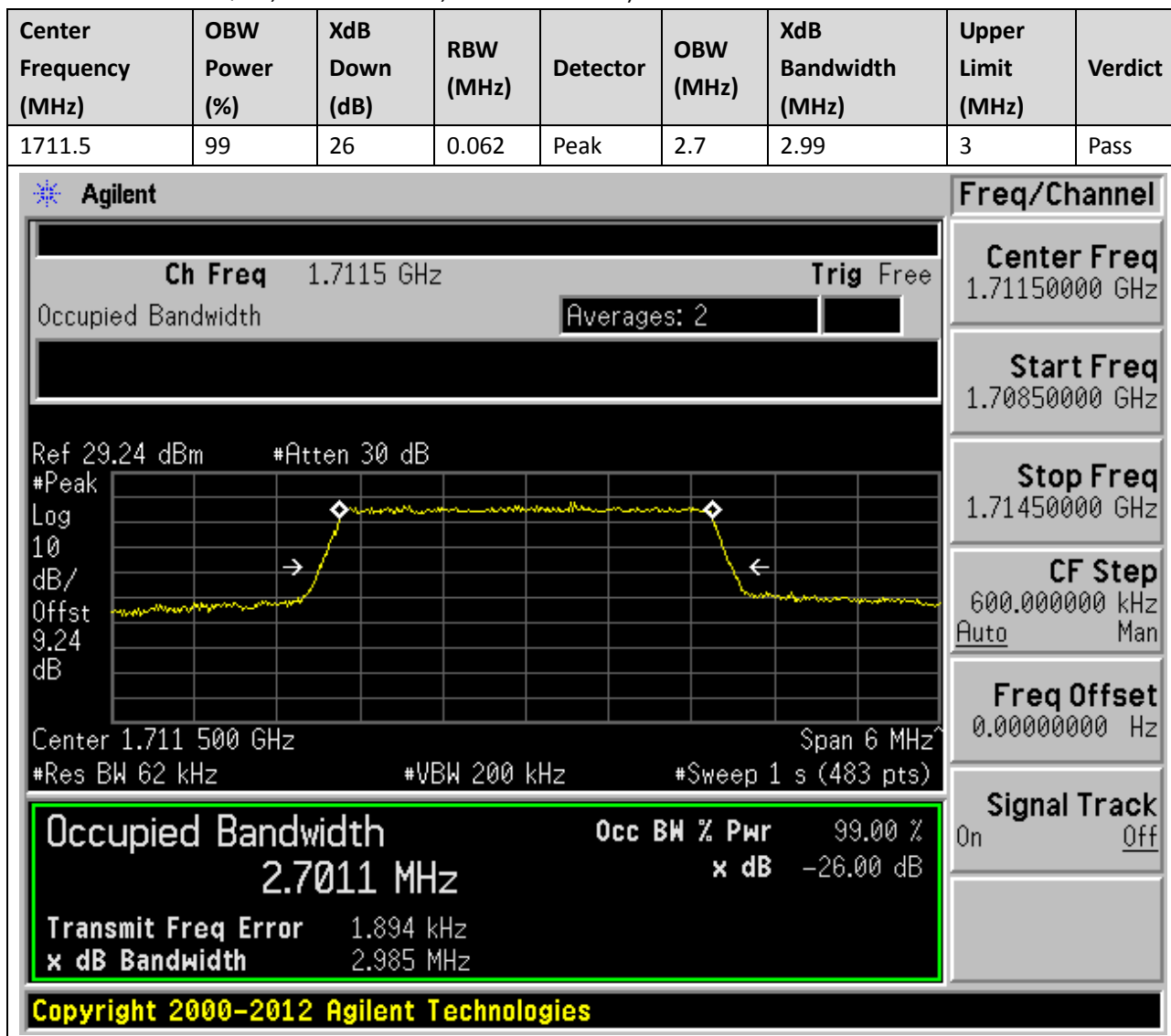
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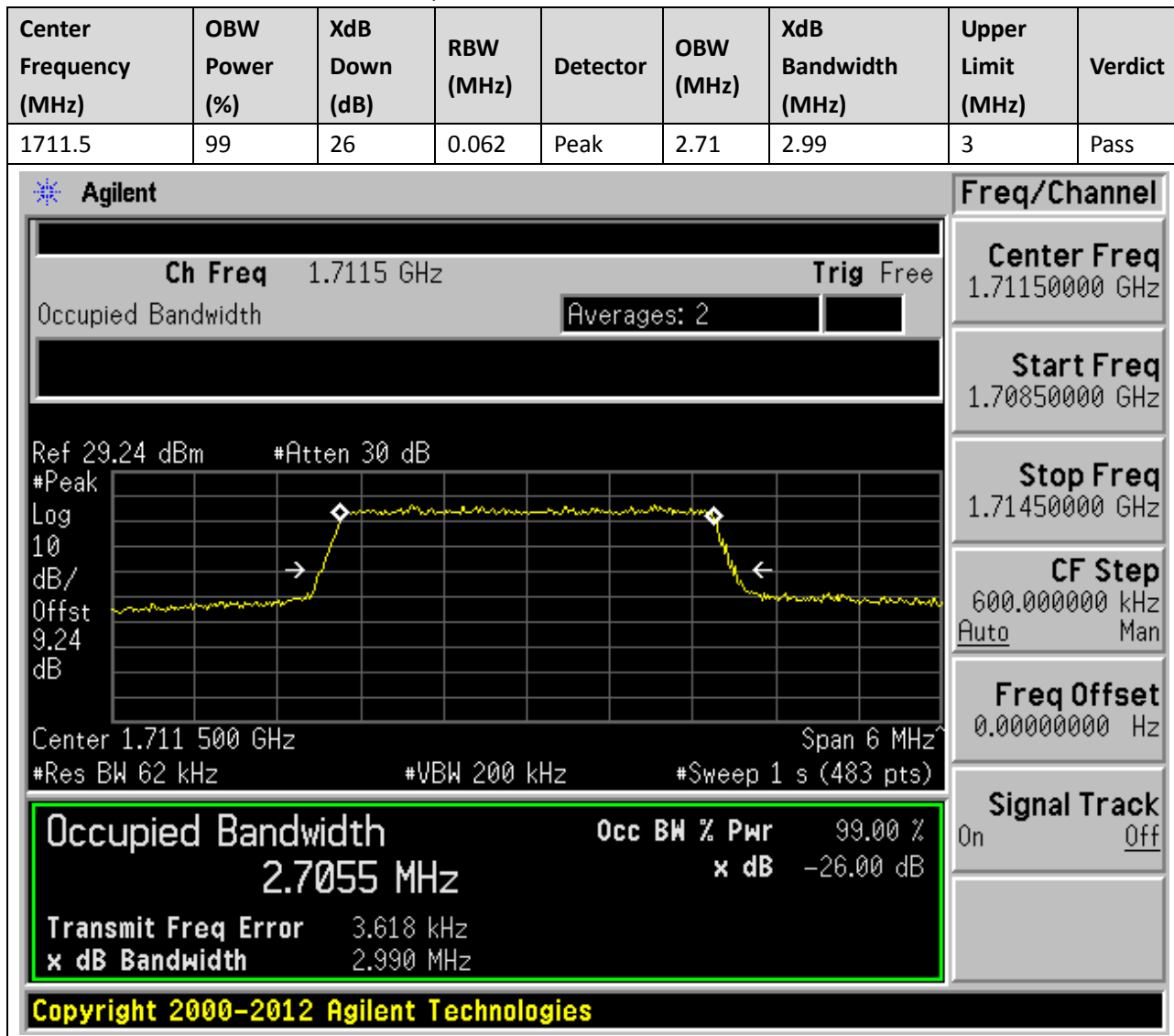


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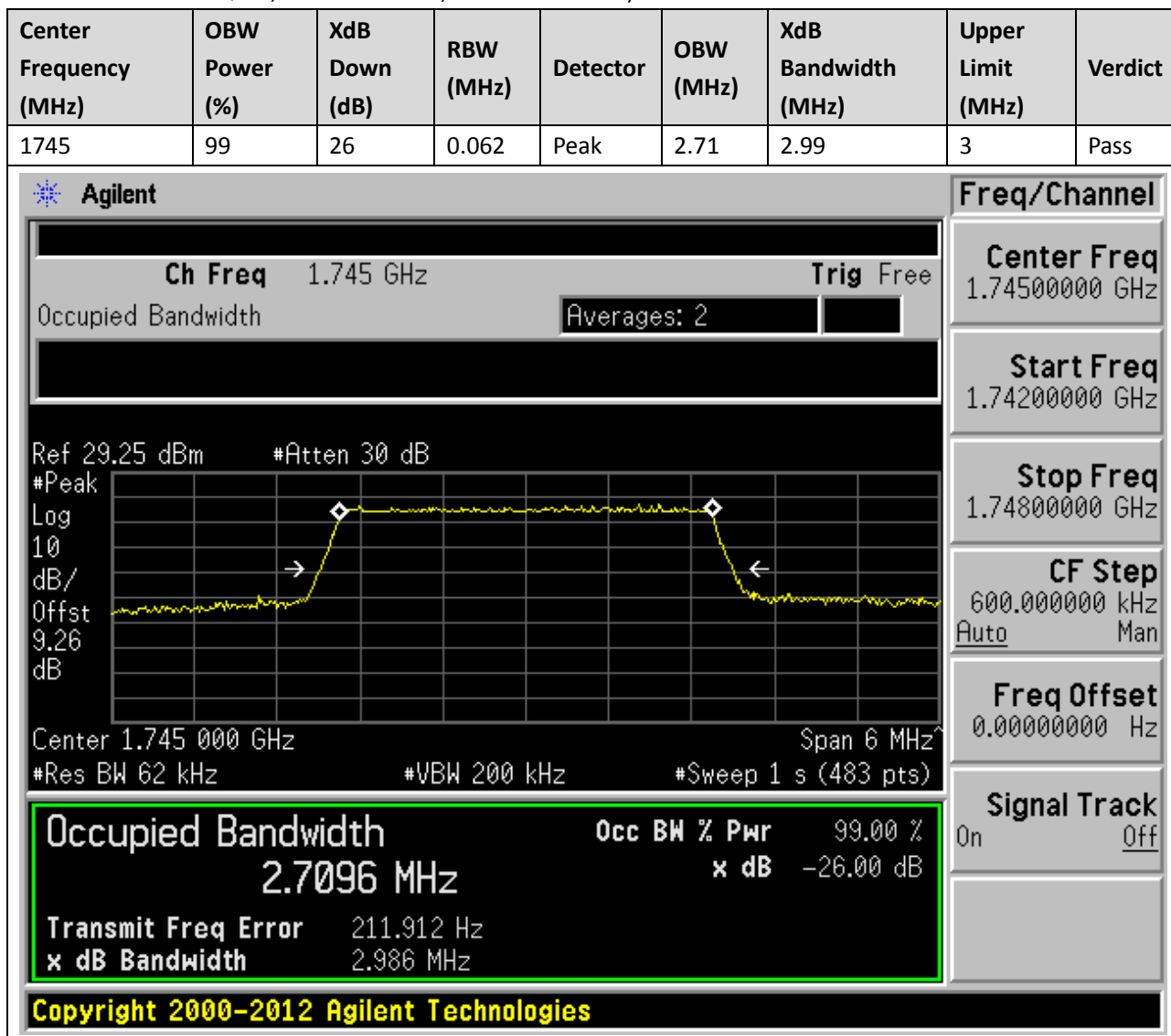
1.31. LTE Occupied Bandwidth(NTNV)(Subtest:7, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



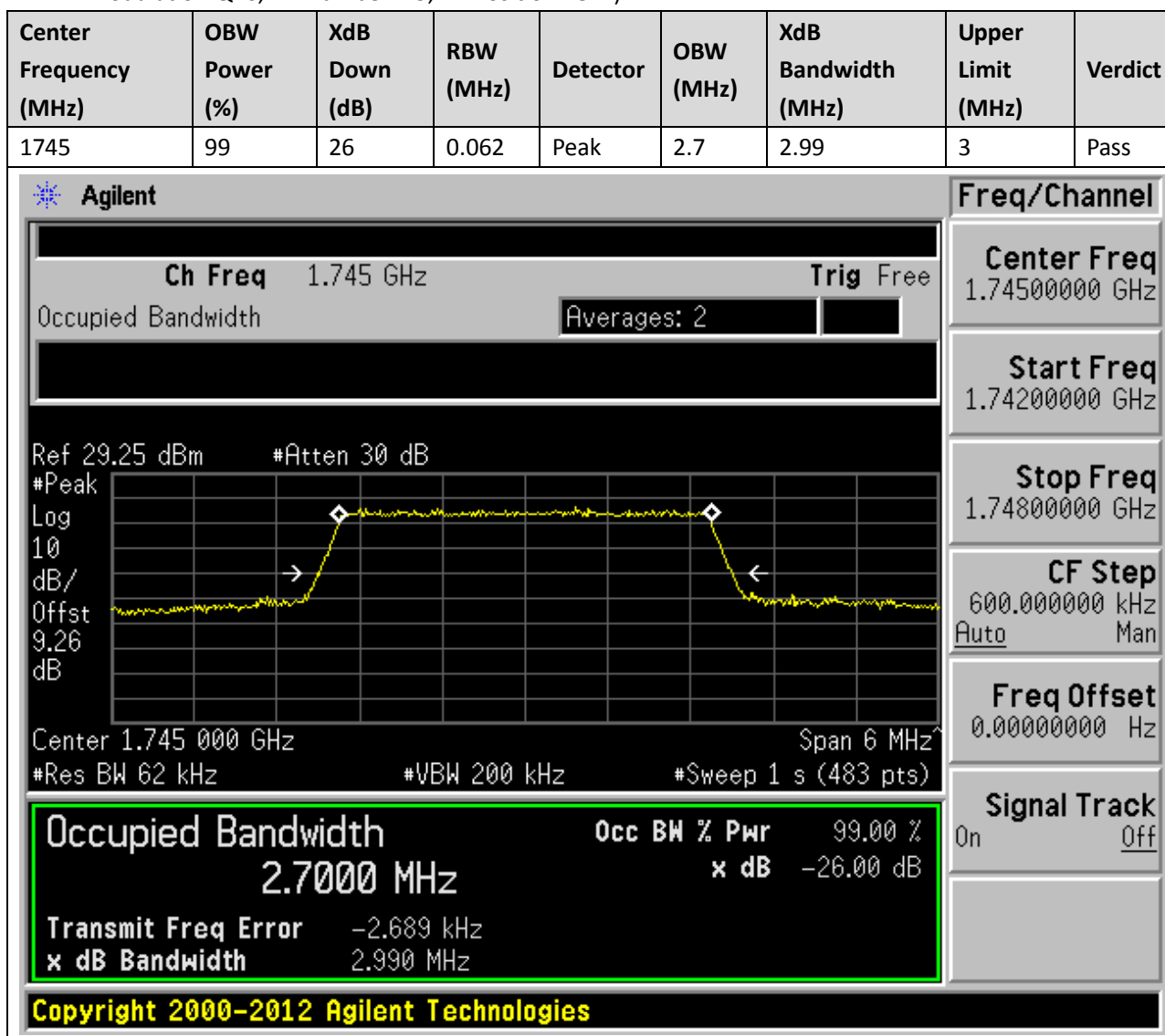
1.32. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



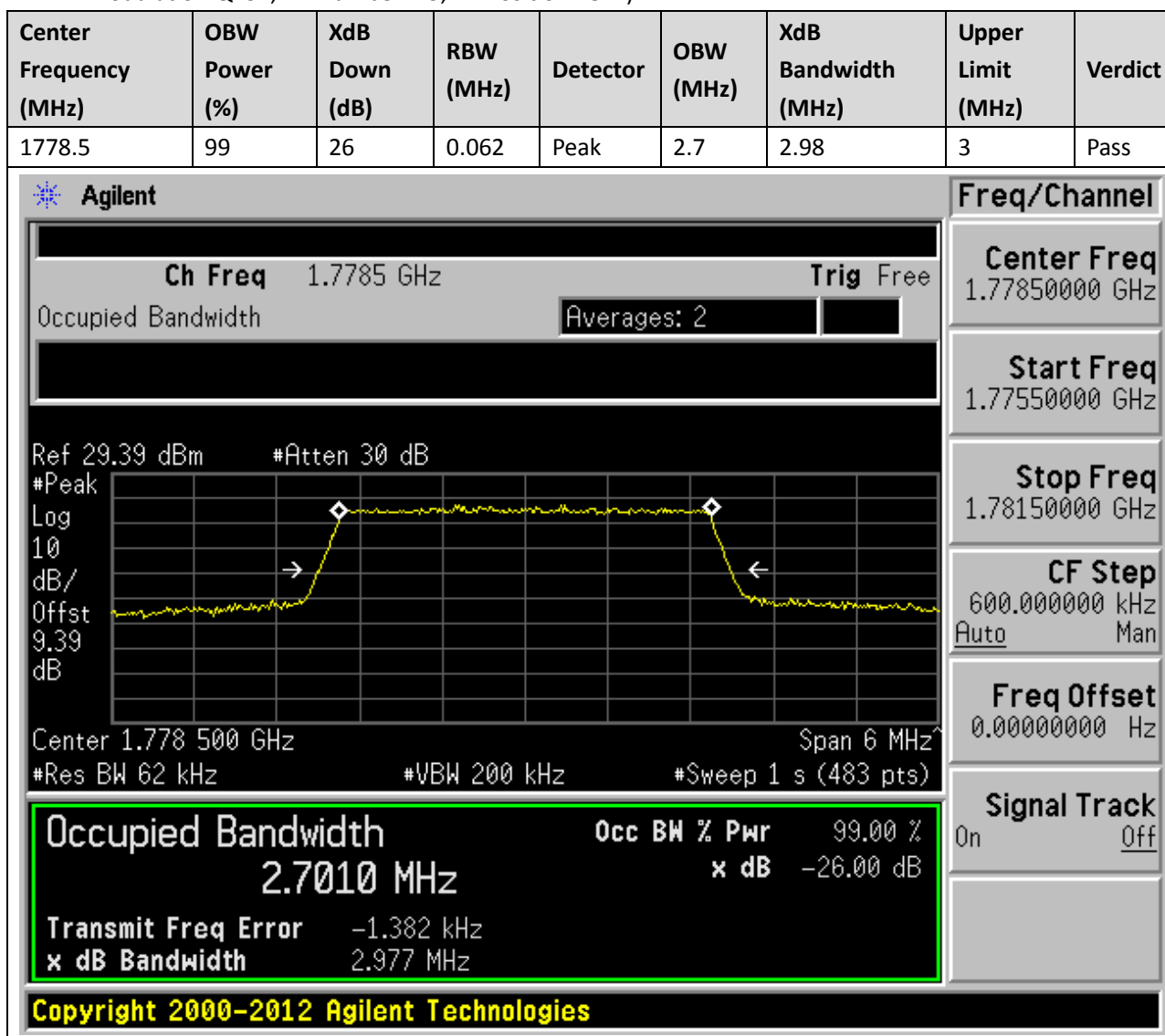
1.33. LTE Occupied Bandwidth(NTNV)(Subtest:9, Channel:132322, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



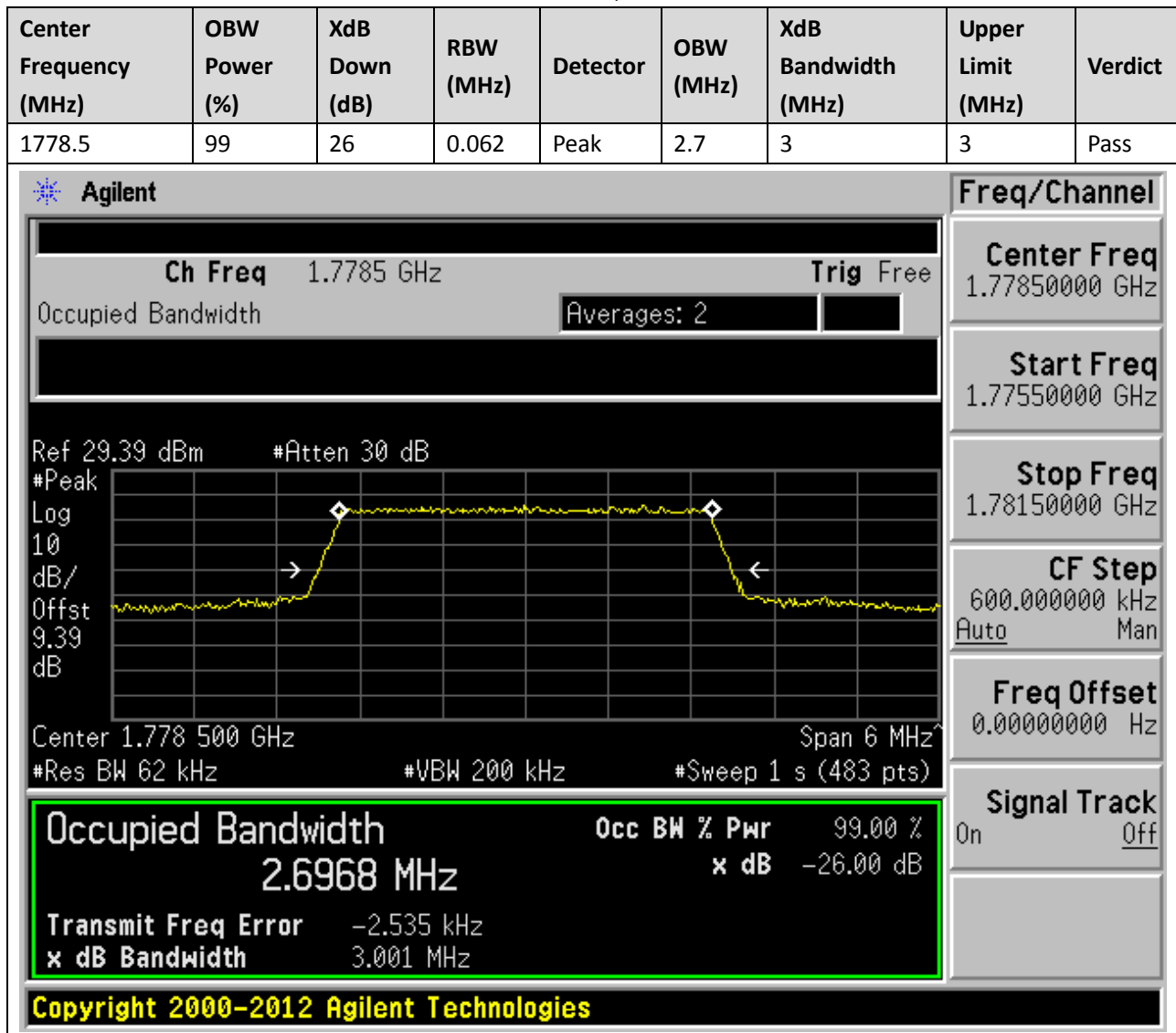
1.34. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:132322, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



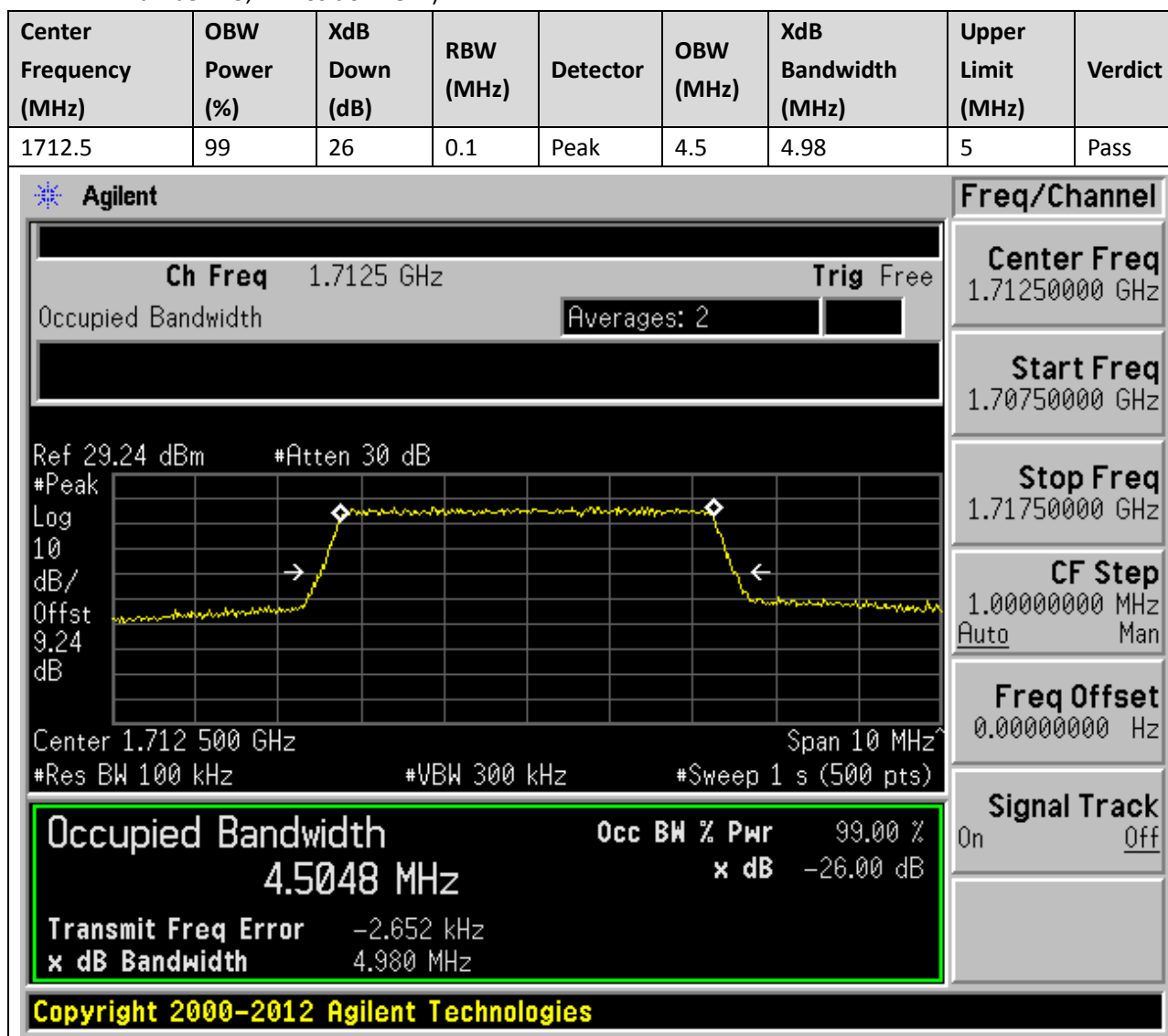
1.35. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)



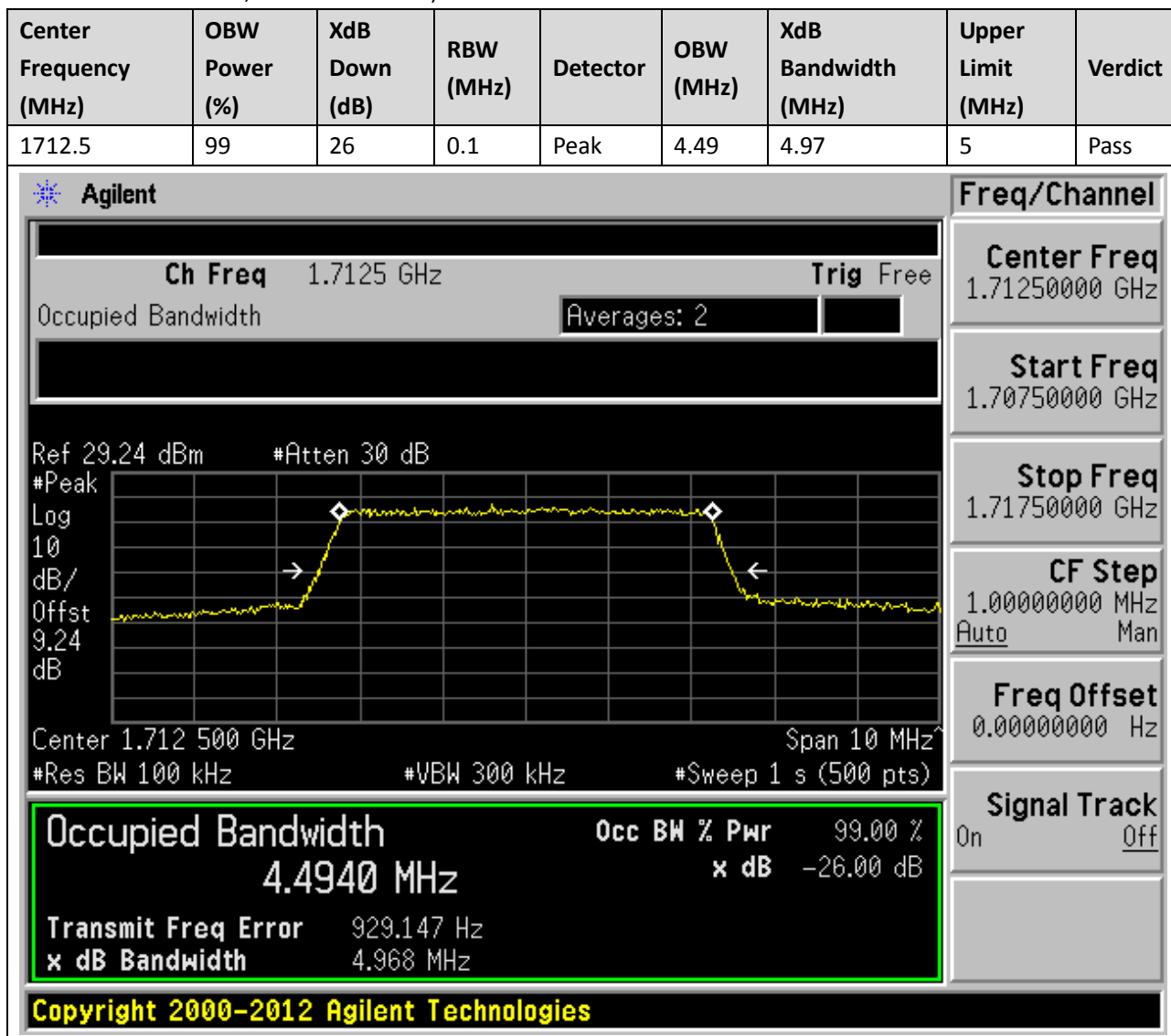
1.36. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)



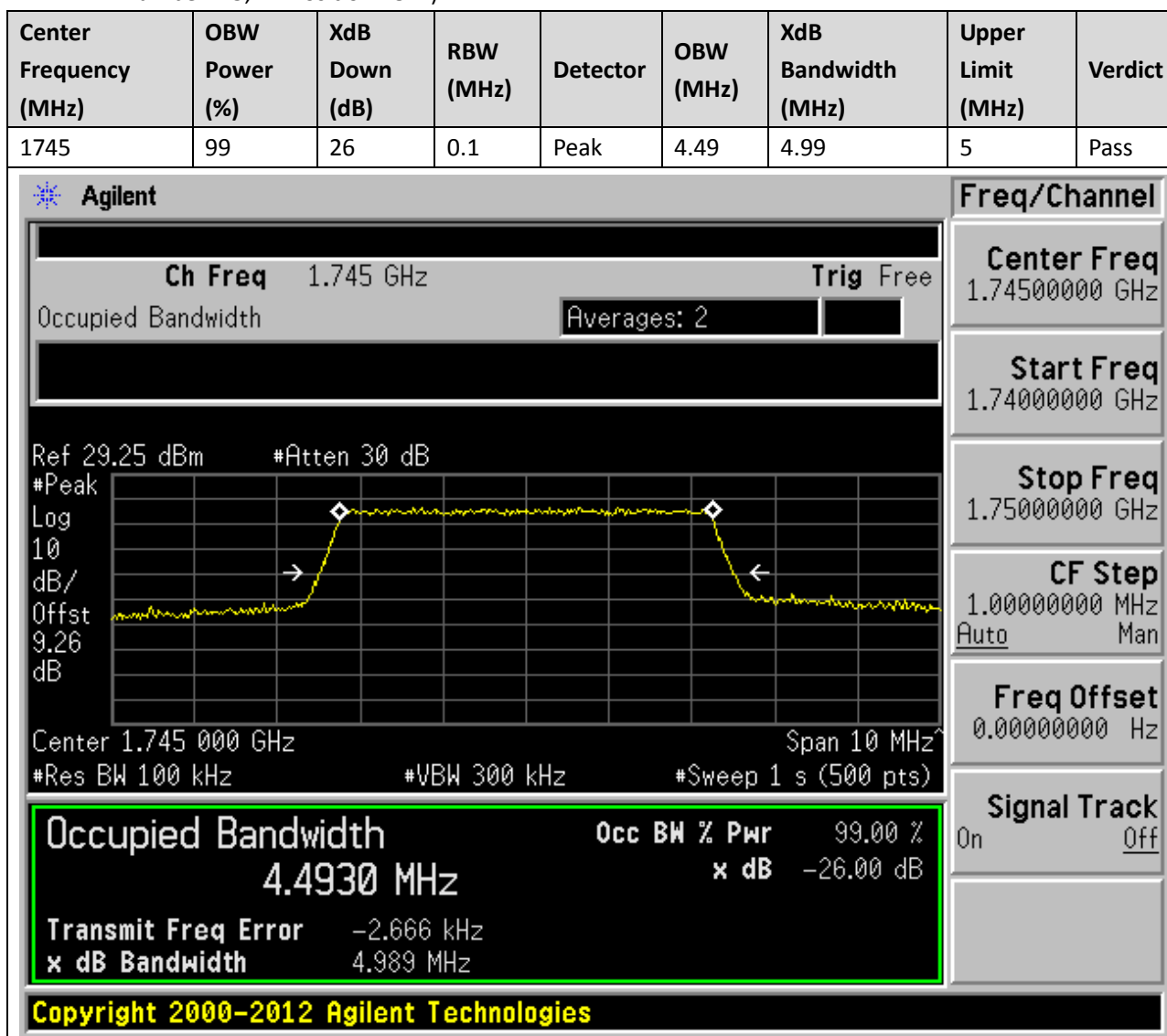
1.1. LTE Occupied Bandwidth(NTNV)(Subtest:1, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



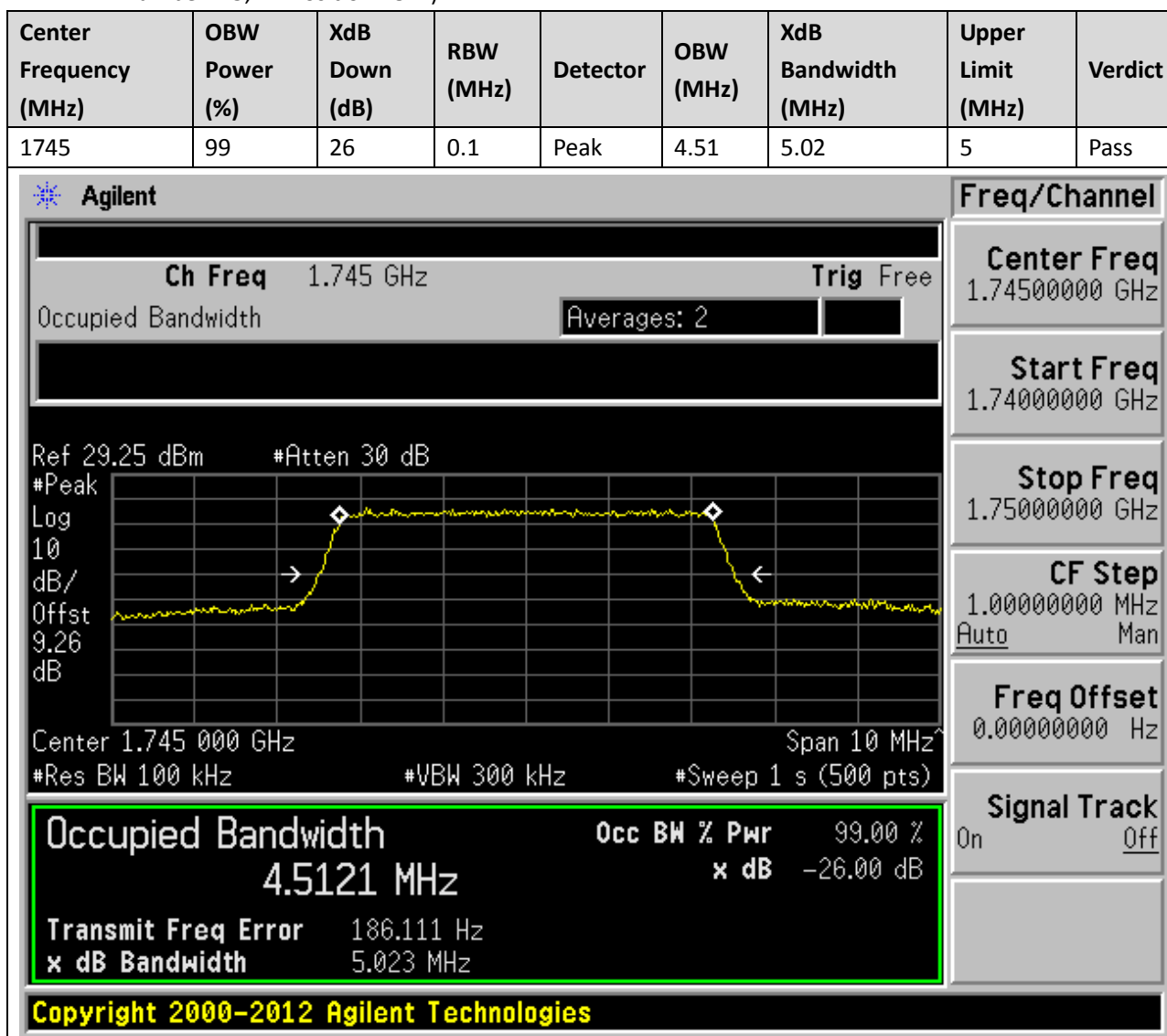
1.2. LTE Occupied Bandwidth(NTNV)(Subtest:2, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



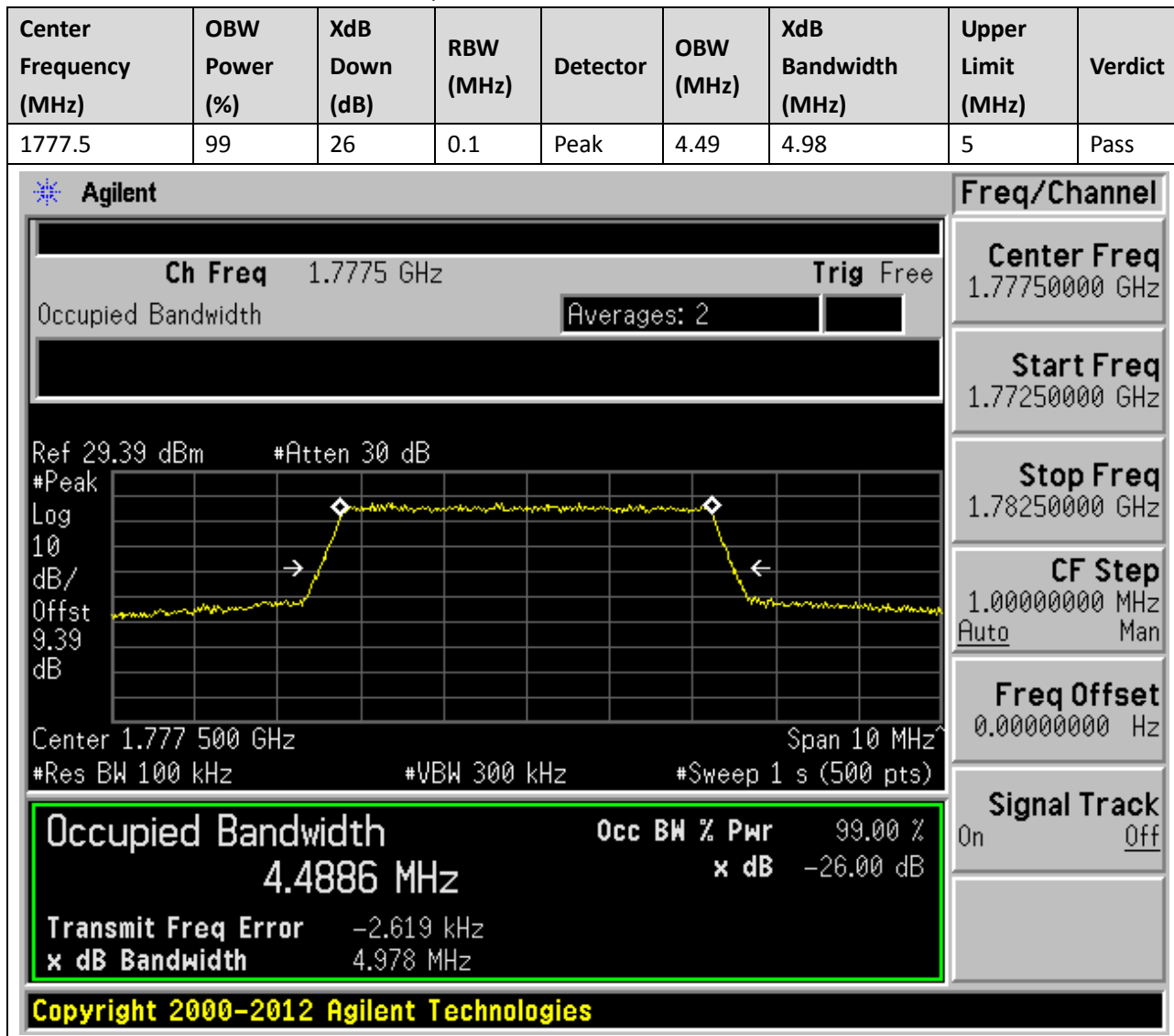
1.3. LTE Occupied Bandwidth(NTNV)(Subtest:3, Channel:132322, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



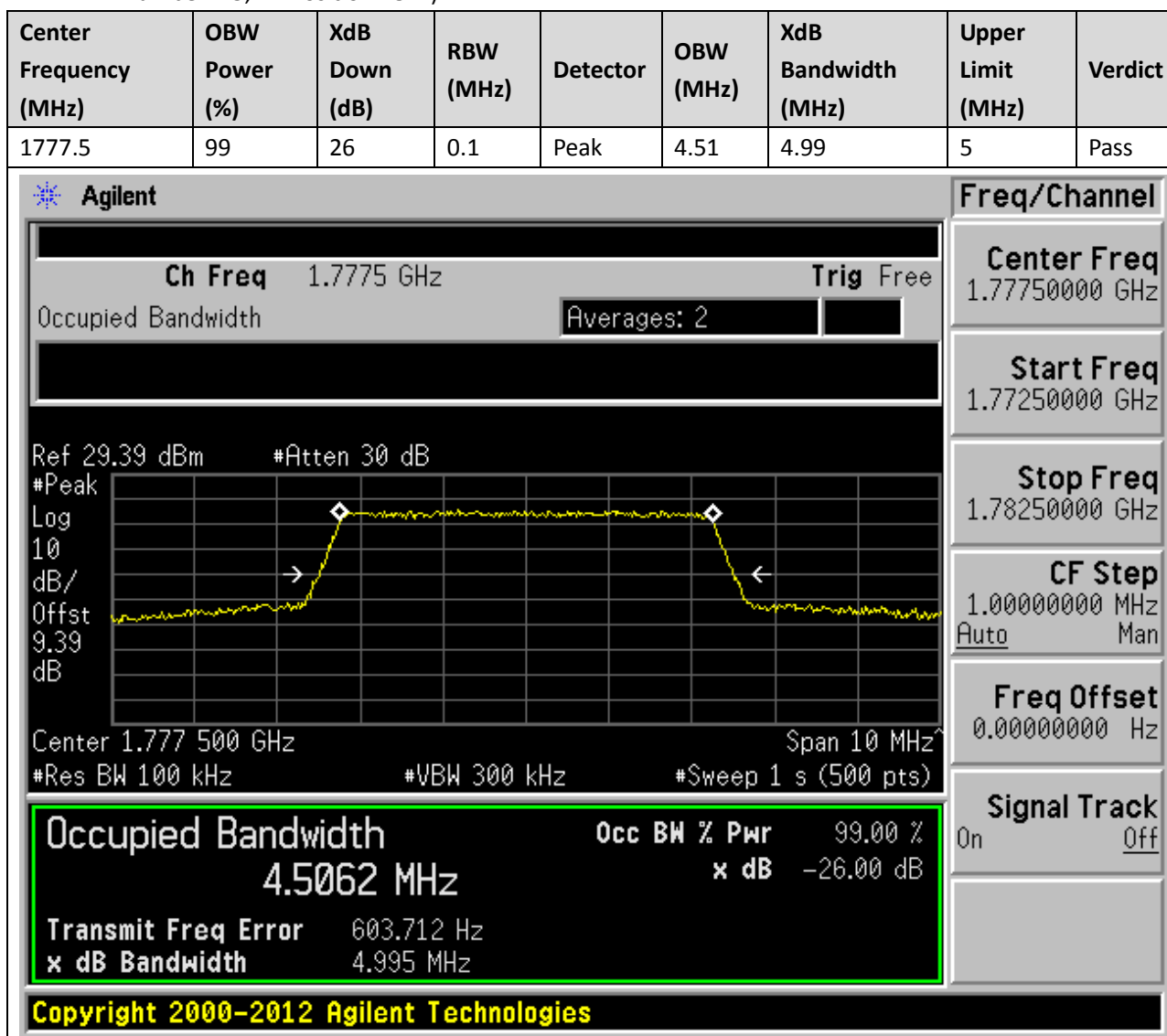
1.4. LTE Occupied Bandwidth(NTNV)(Subtest:4, Channel:132322, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



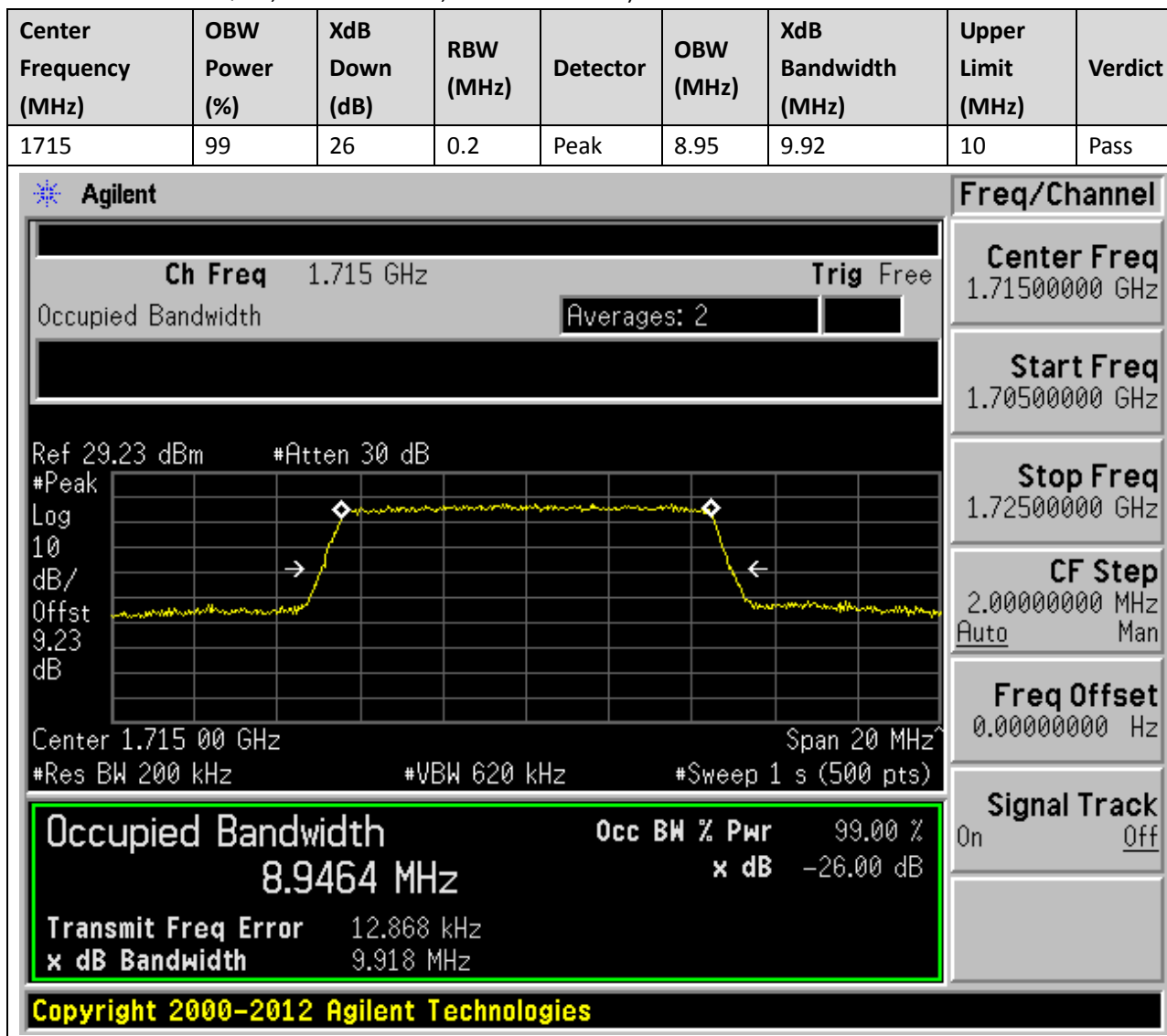
1.5. LTE Occupied Bandwidth(NTNV)(Subtest:5, Channel:132647, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)



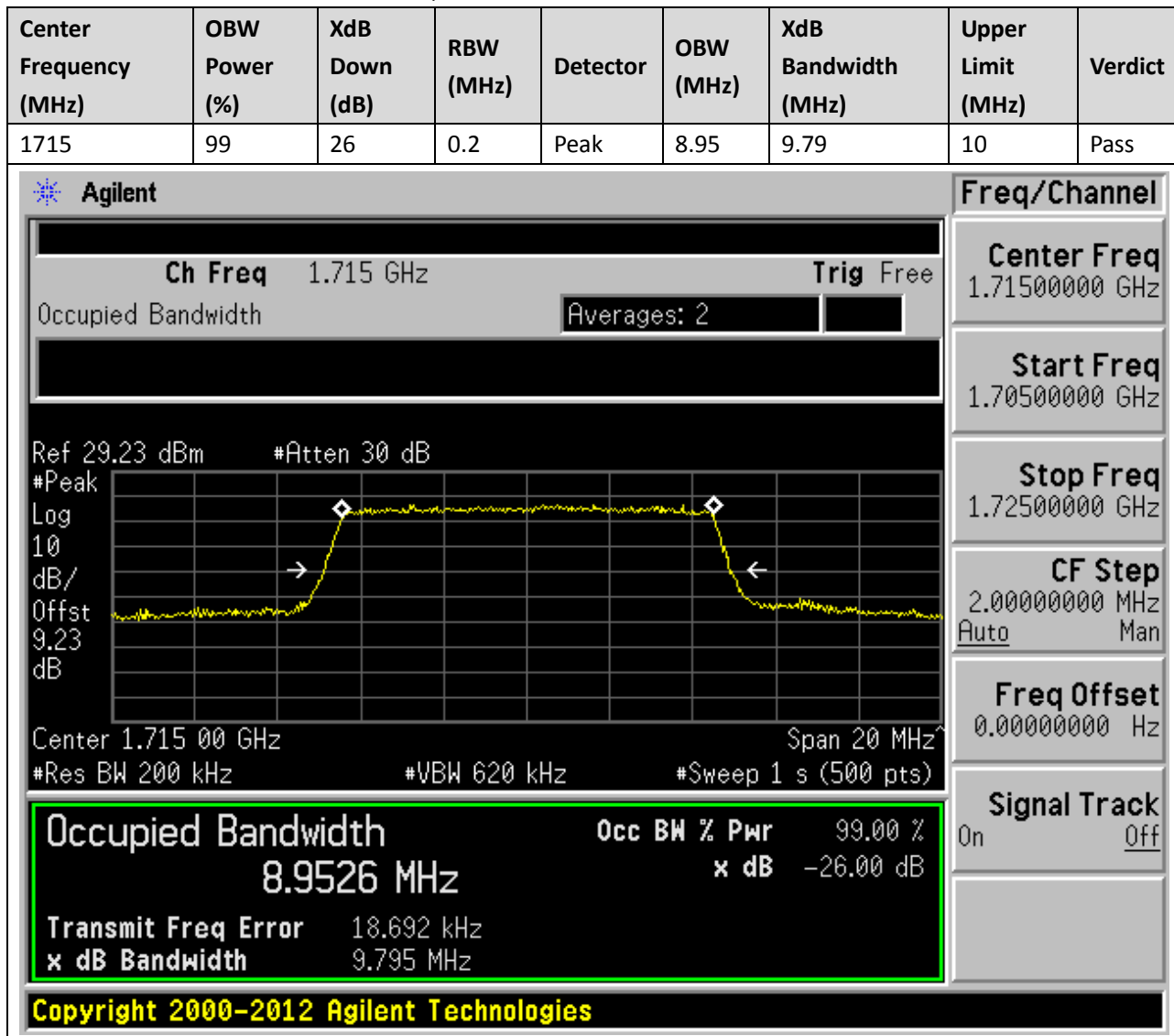
1.6. LTE Occupied Bandwidth(NTNV)(Subtest:6, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)



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

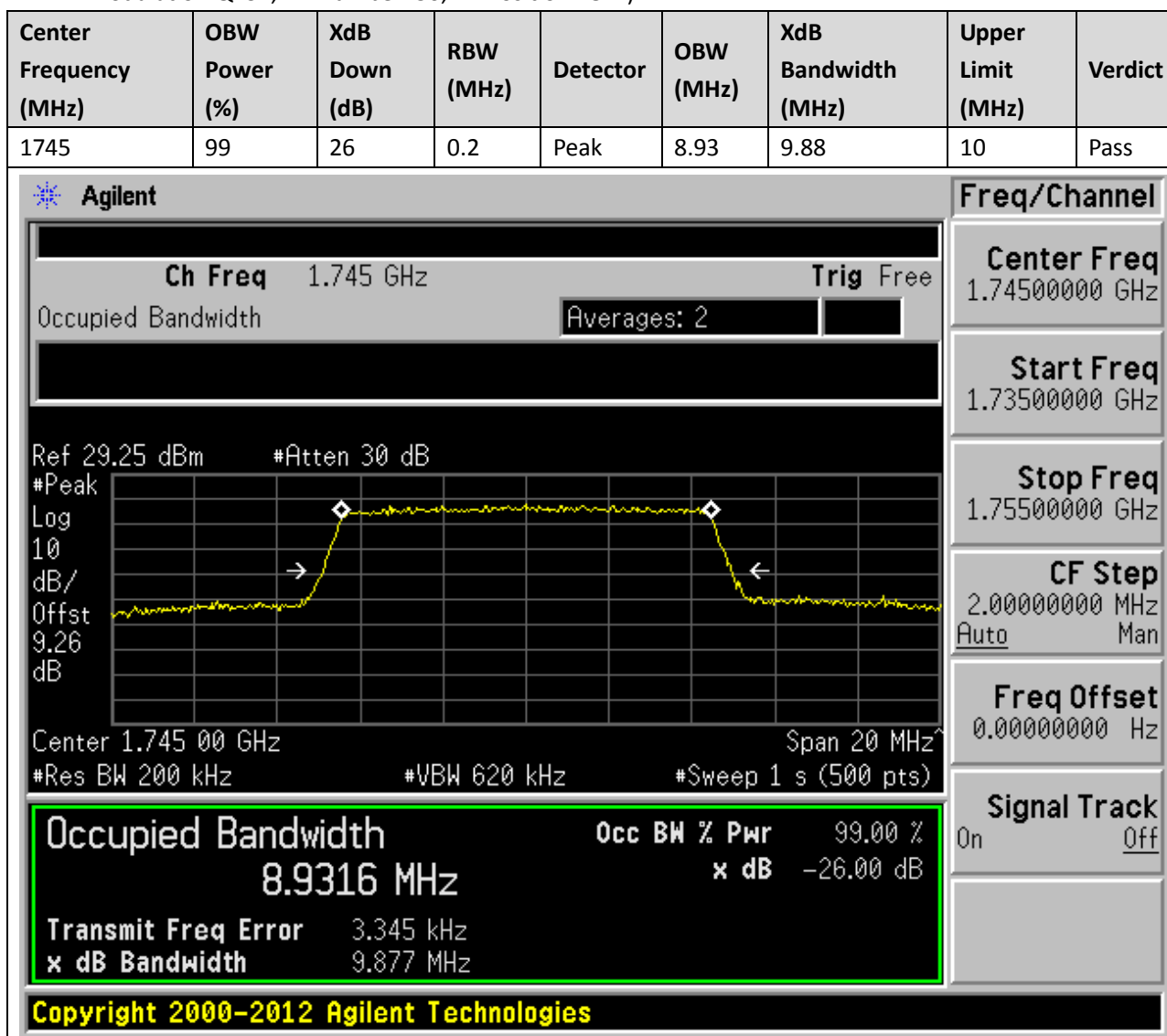


1.8. LTE Occupied Bandwidth(NTNV)(Subtest:8, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)





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



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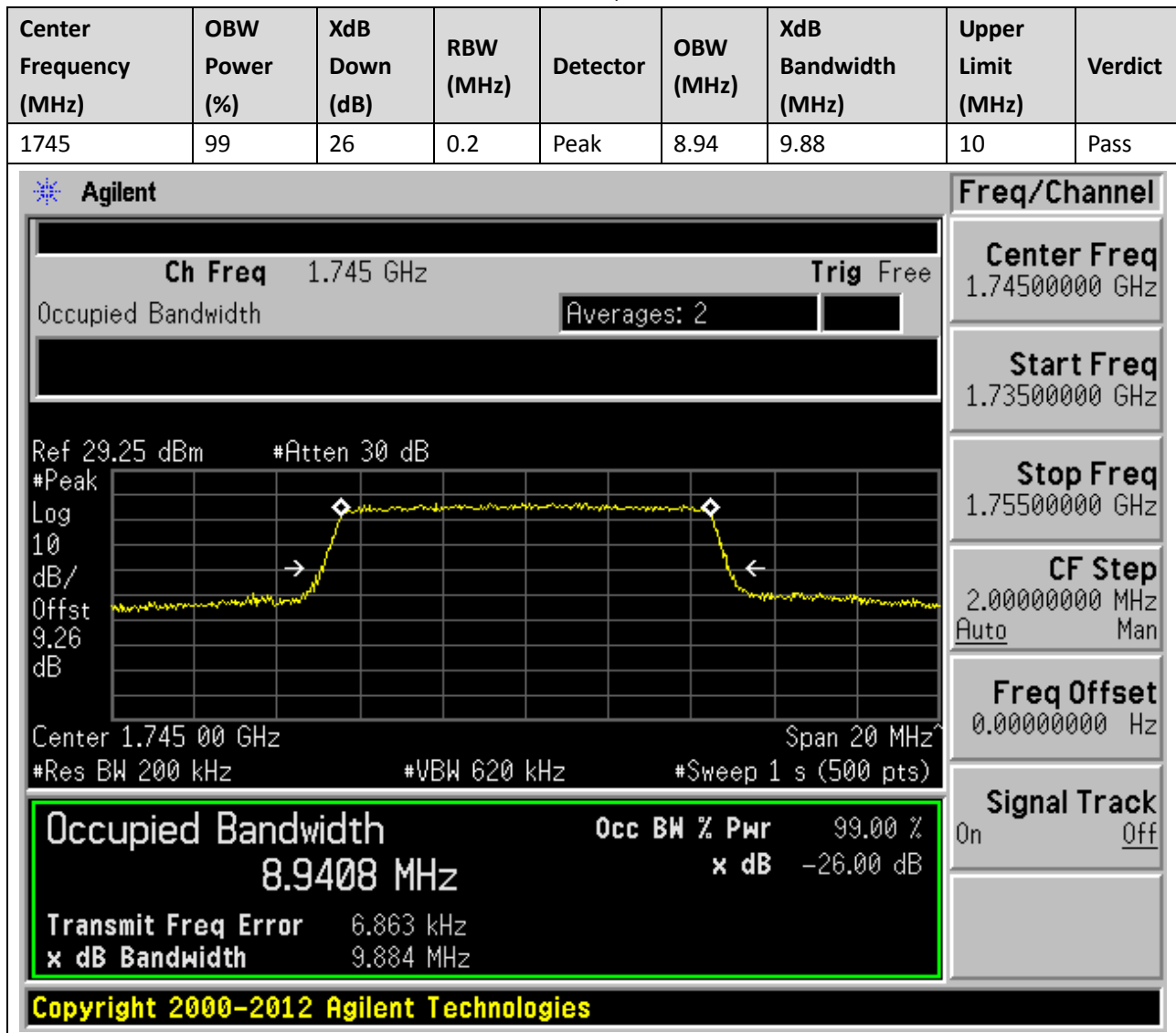
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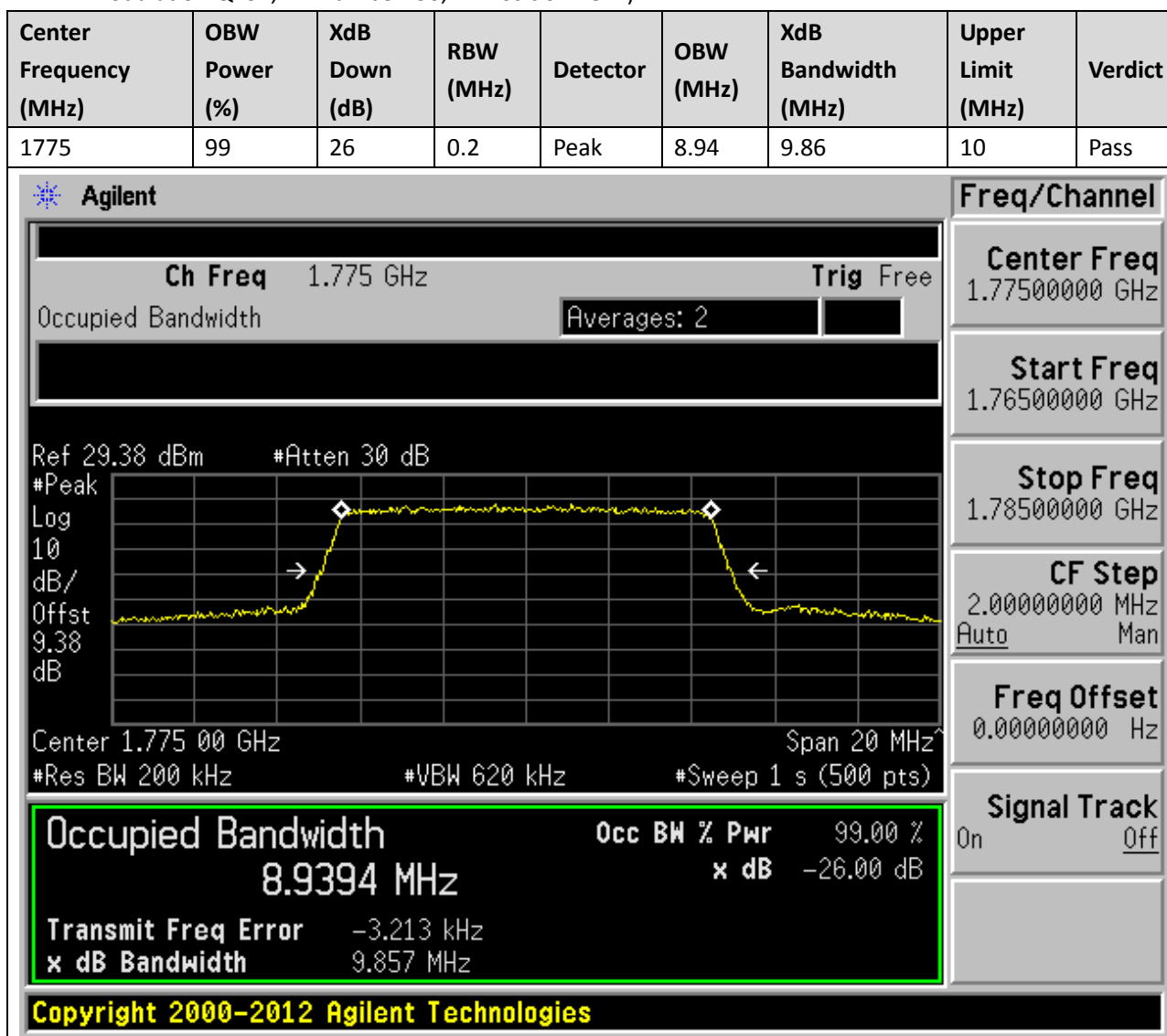


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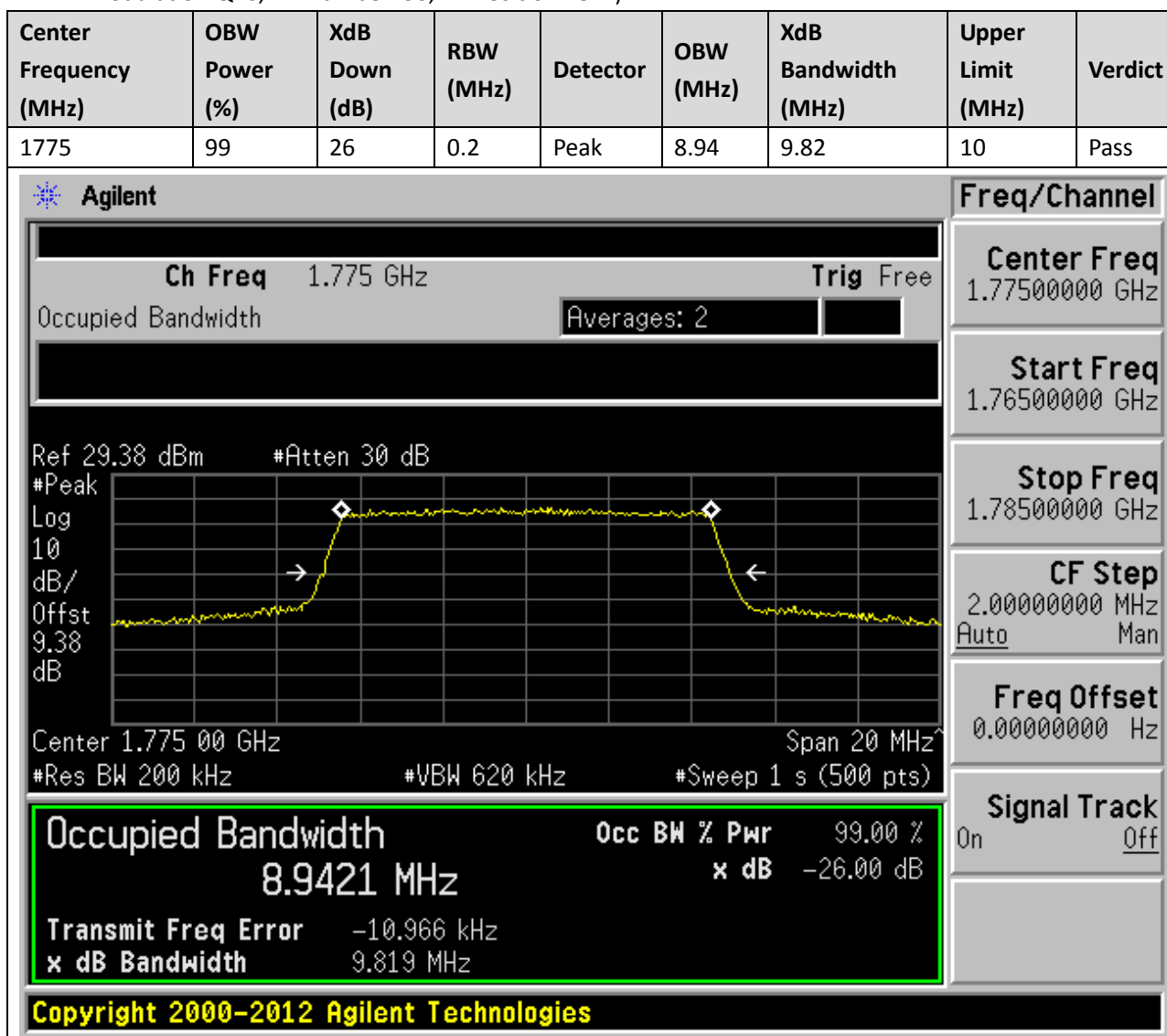
1.10. LTE Occupied Bandwidth(NTNV)(Subtest:10, Channel:132322, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



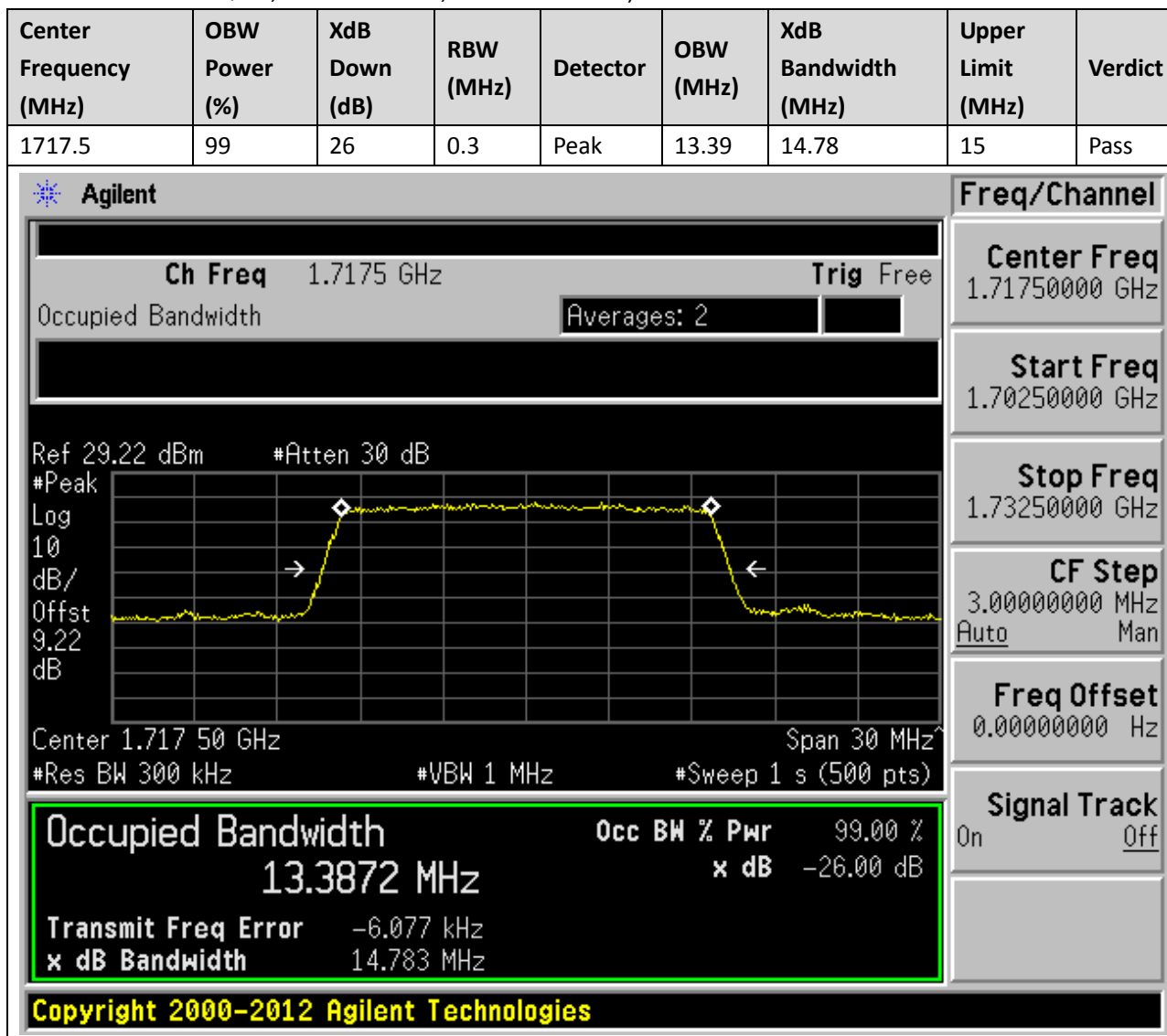
1.11. LTE Occupied Bandwidth(NTNV)(Subtest:11, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)



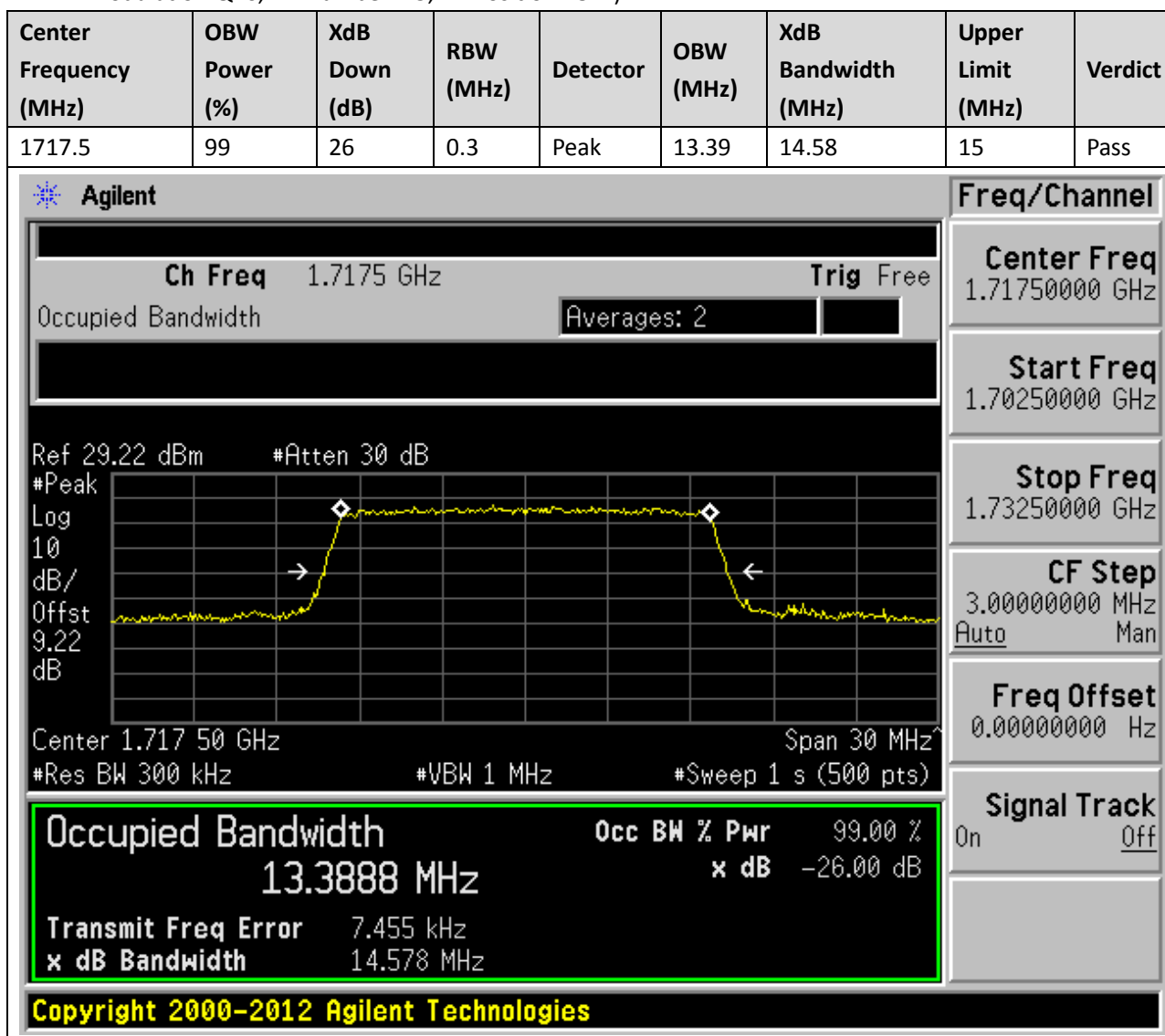
1.12. LTE Occupied Bandwidth(NTNV)(Subtest:12, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)



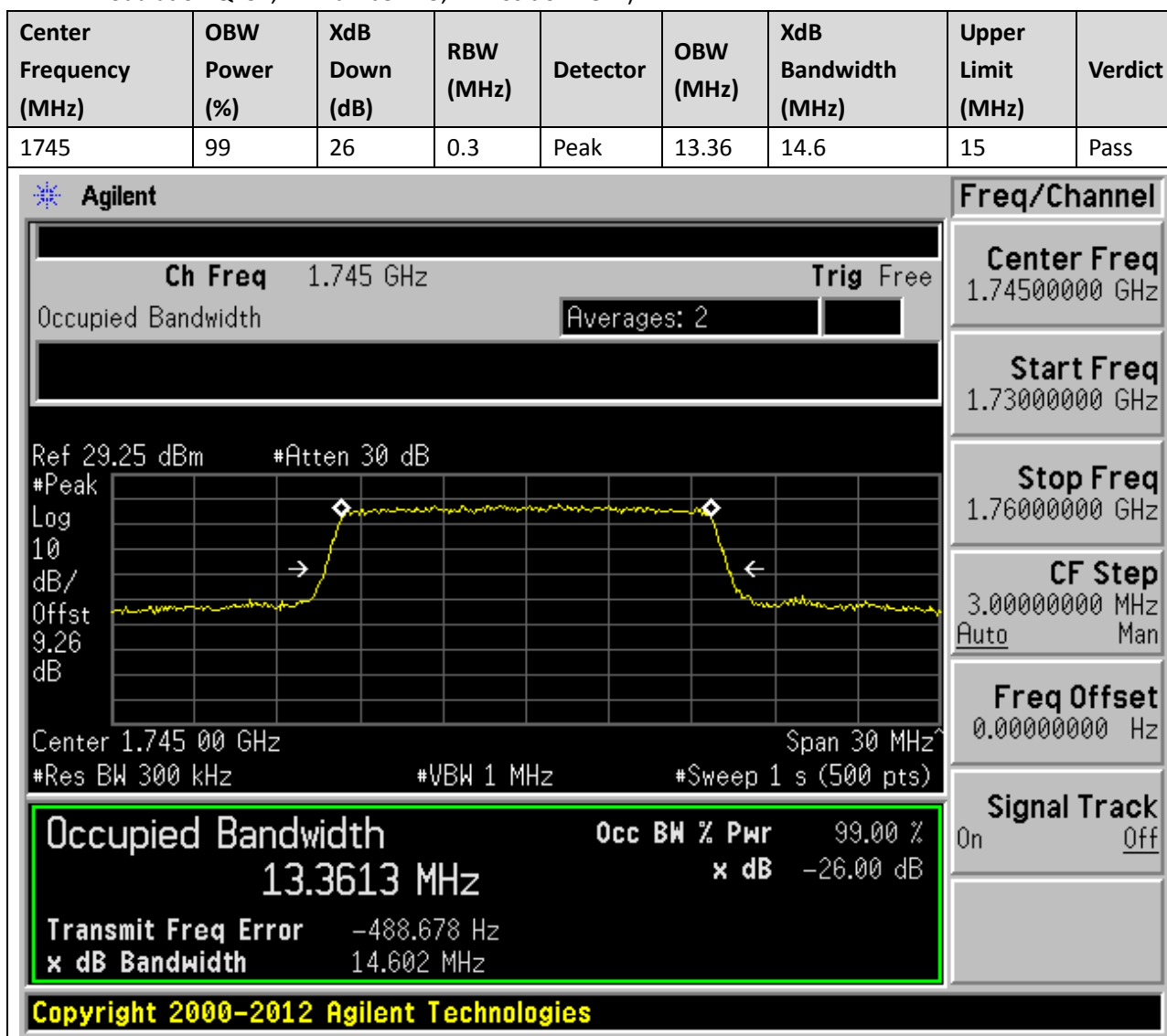
1.13. LTE Occupied Bandwidth(NTNV)(Subtest:13, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



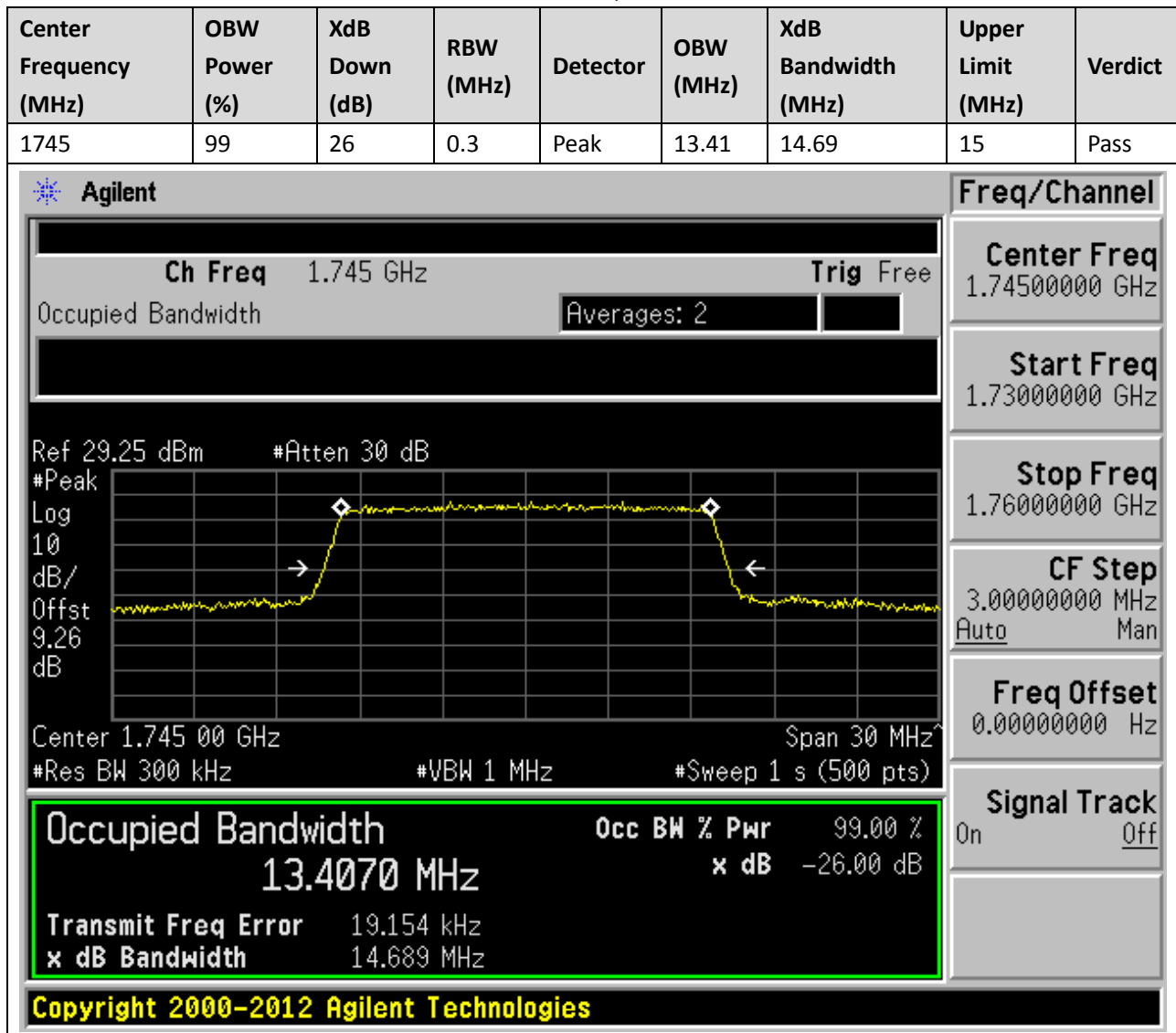
1.14. LTE Occupied Bandwidth(NTNV)(Subtest:14, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



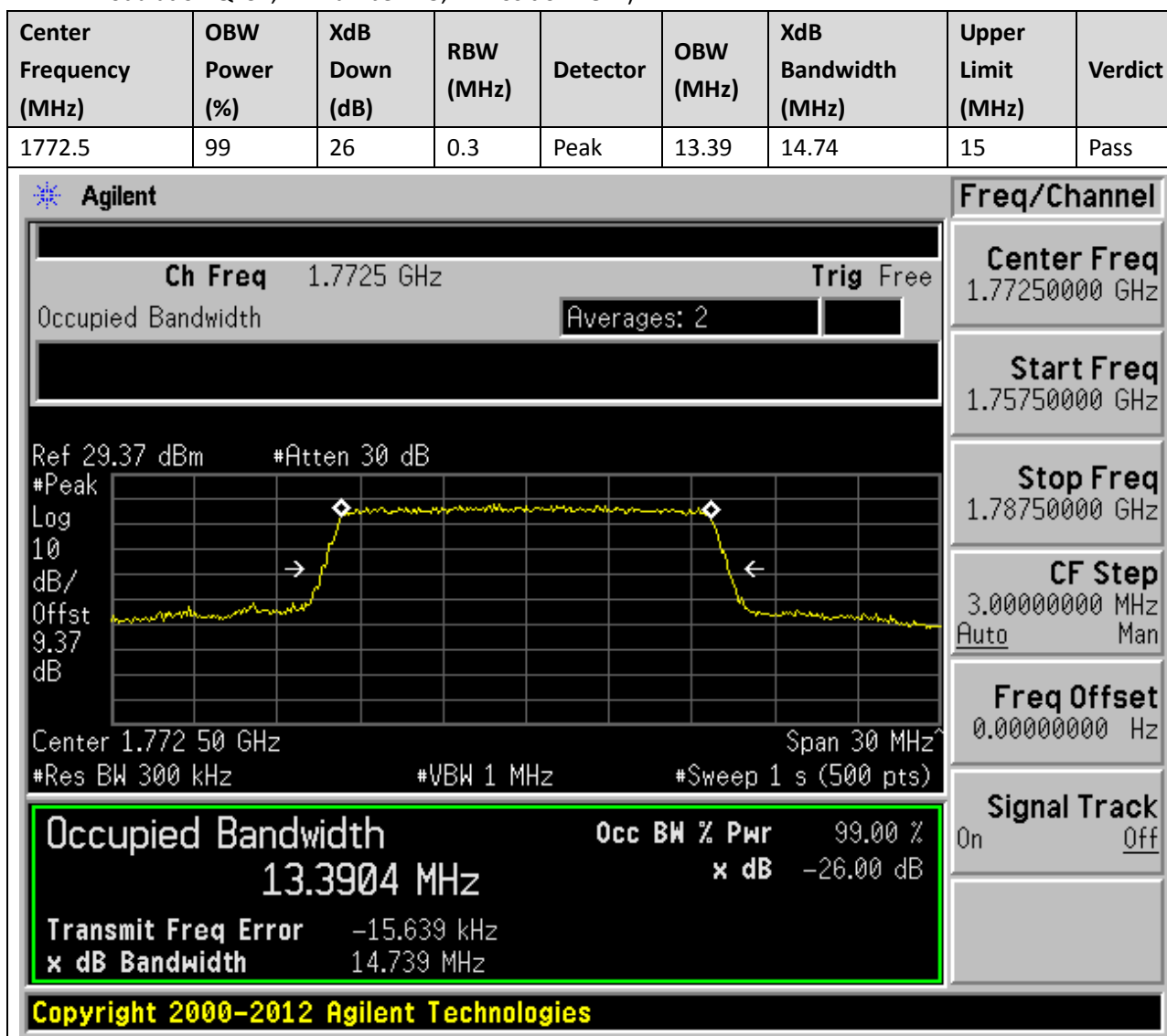
1.15. LTE Occupied Bandwidth(NTNV)(Subtest:15, Channel:132322, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



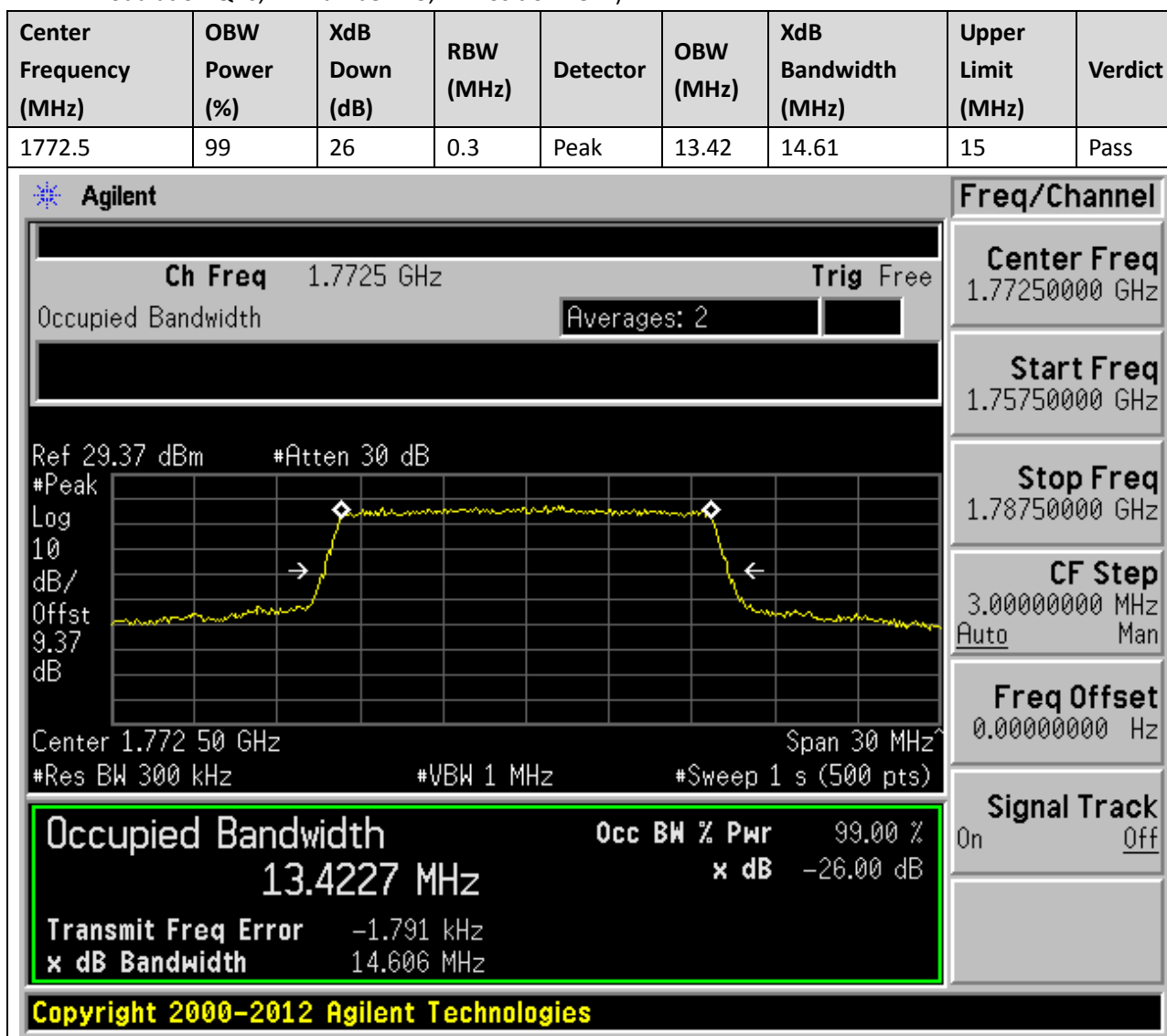
1.16. LTE Occupied Bandwidth(NTNV)(Subtest:16, Channel:132322, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



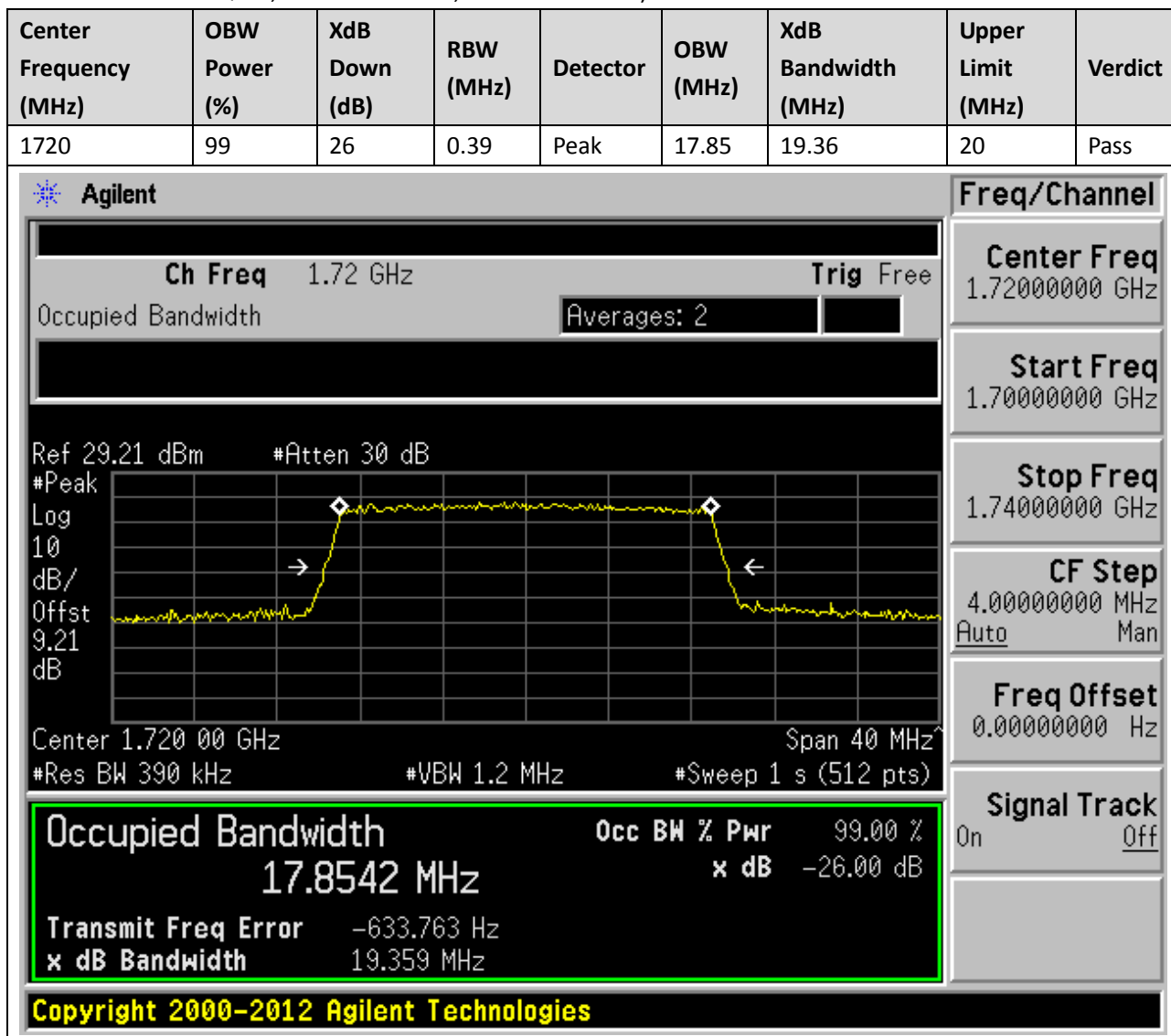
1.17. LTE Occupied Bandwidth(NTNV)(Subtest:17, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)



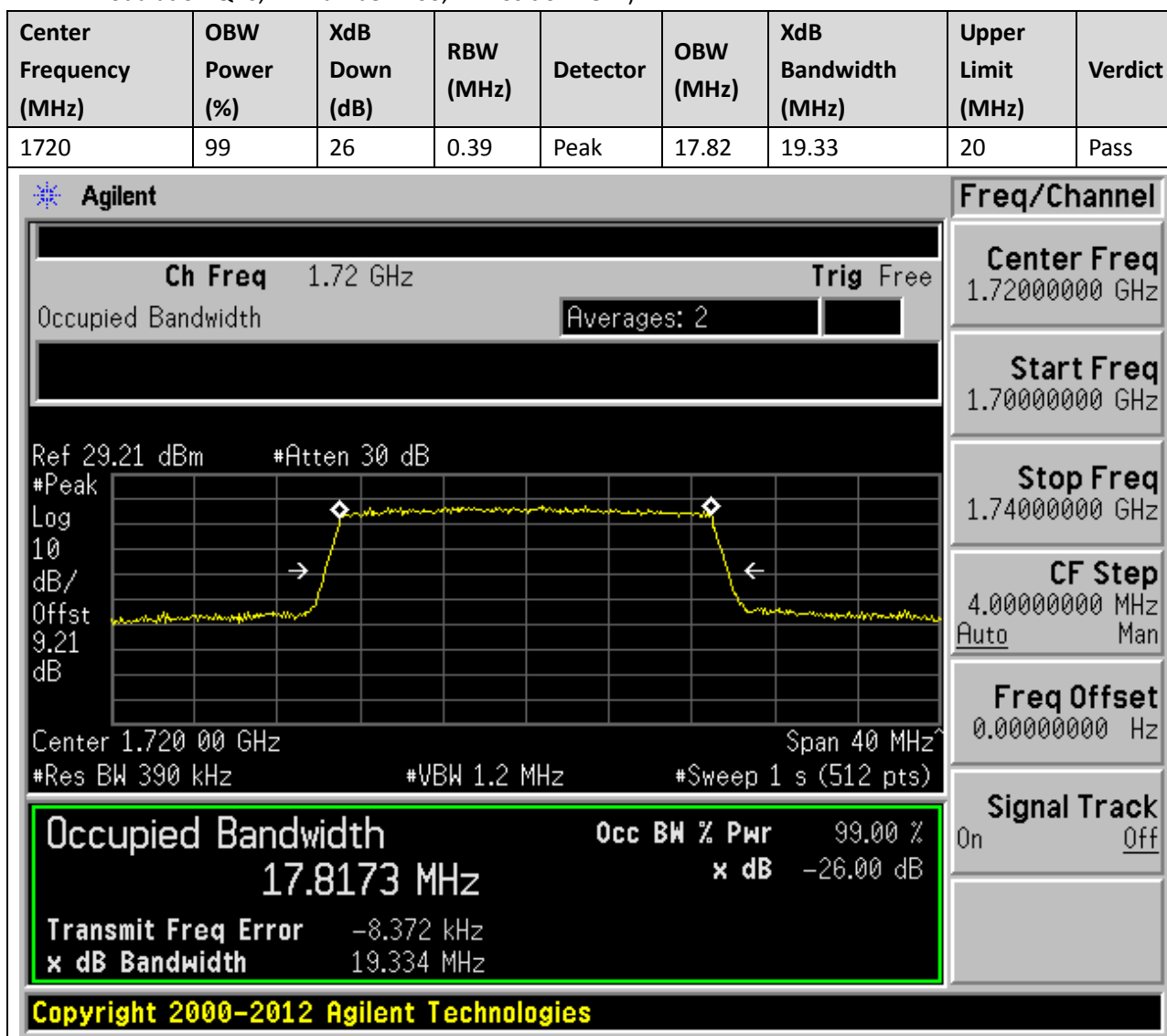
1.18. LTE Occupied Bandwidth(NTNV)(Subtest:18, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)



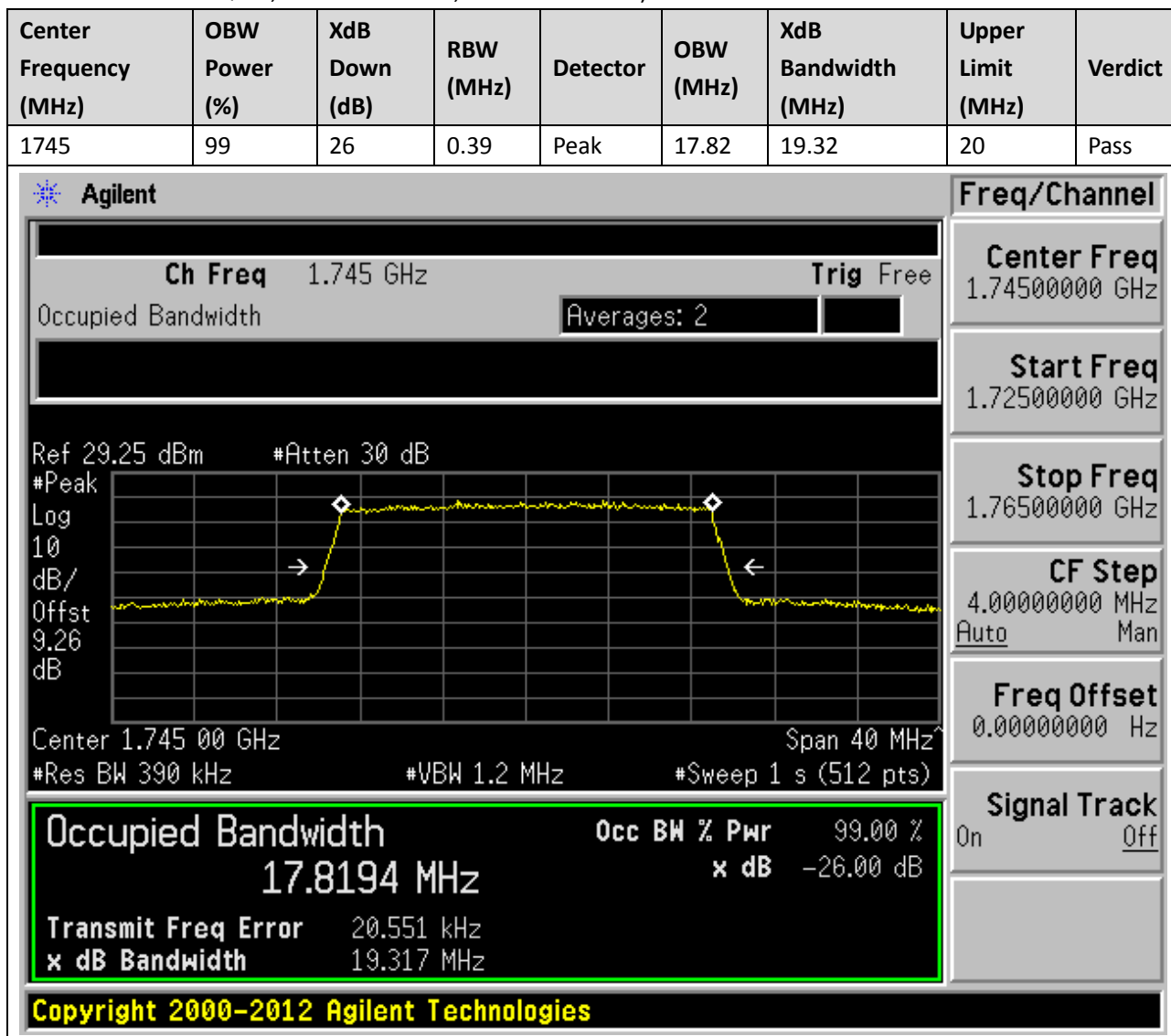
1.19. LTE Occupied Bandwidth(NTNV)(Subtest:19, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



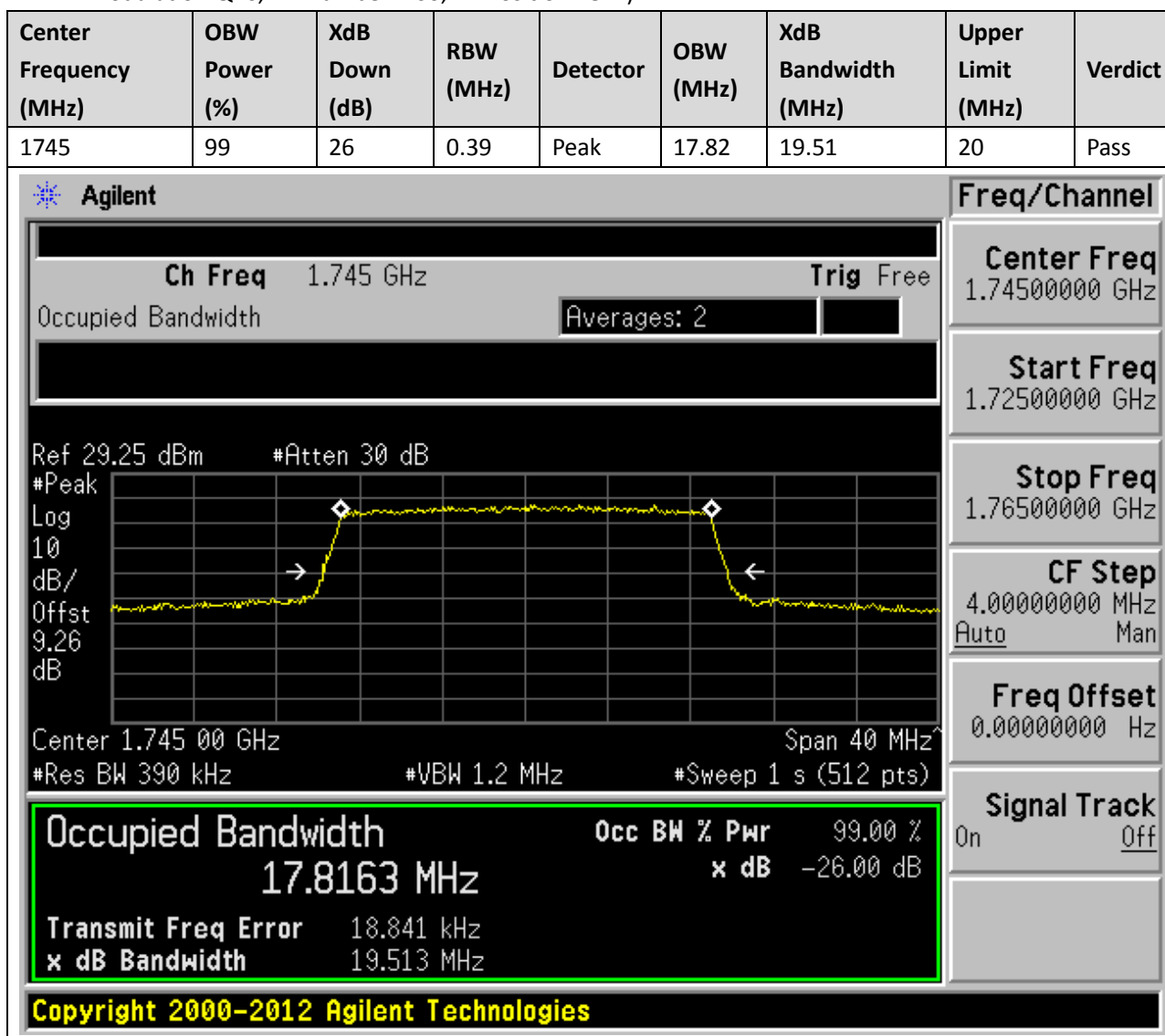
1.20. LTE Occupied Bandwidth(NTNV)(Subtest:20, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



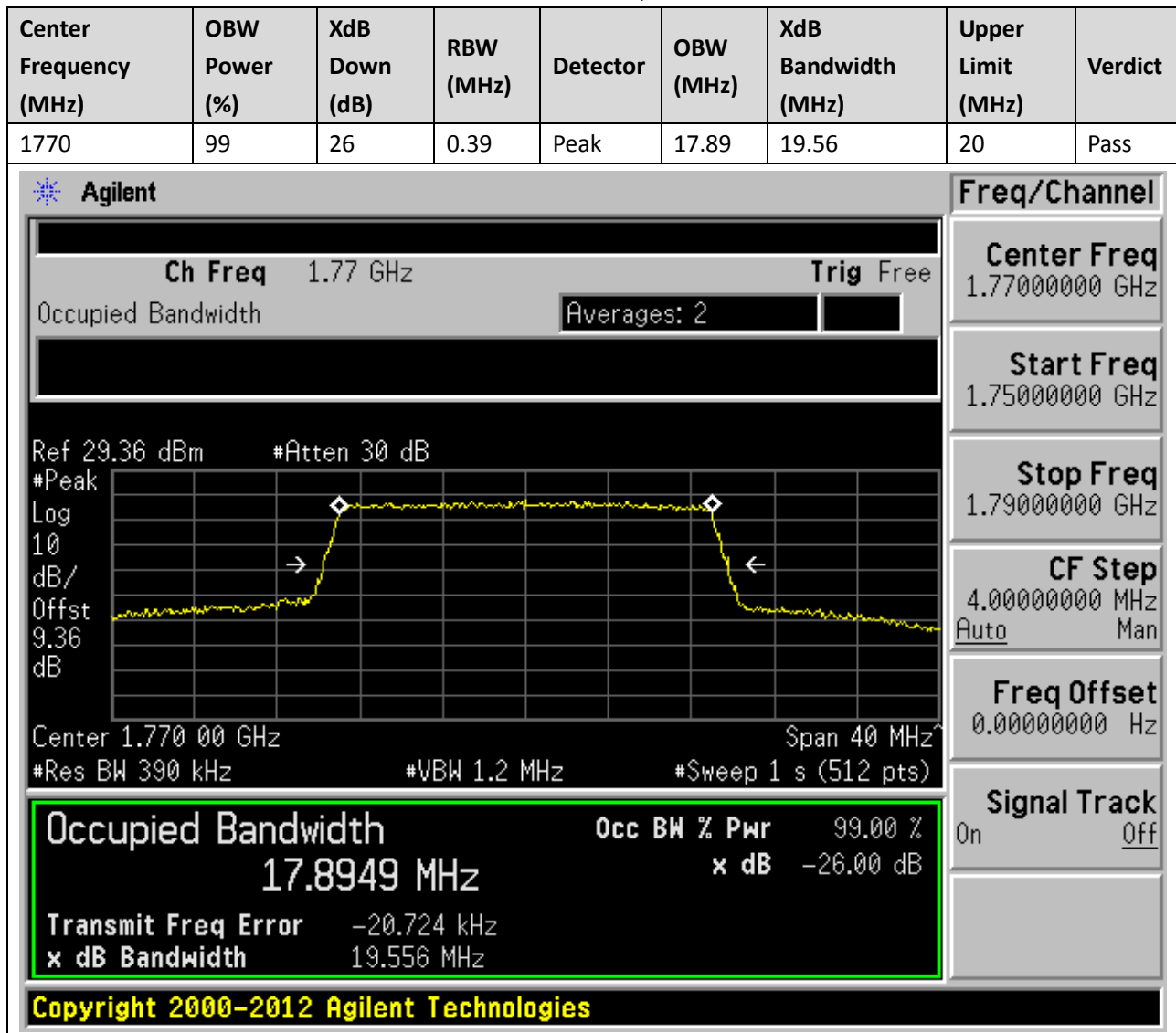
1.21. LTE Occupied Bandwidth(NTNV)(Subtest:21, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



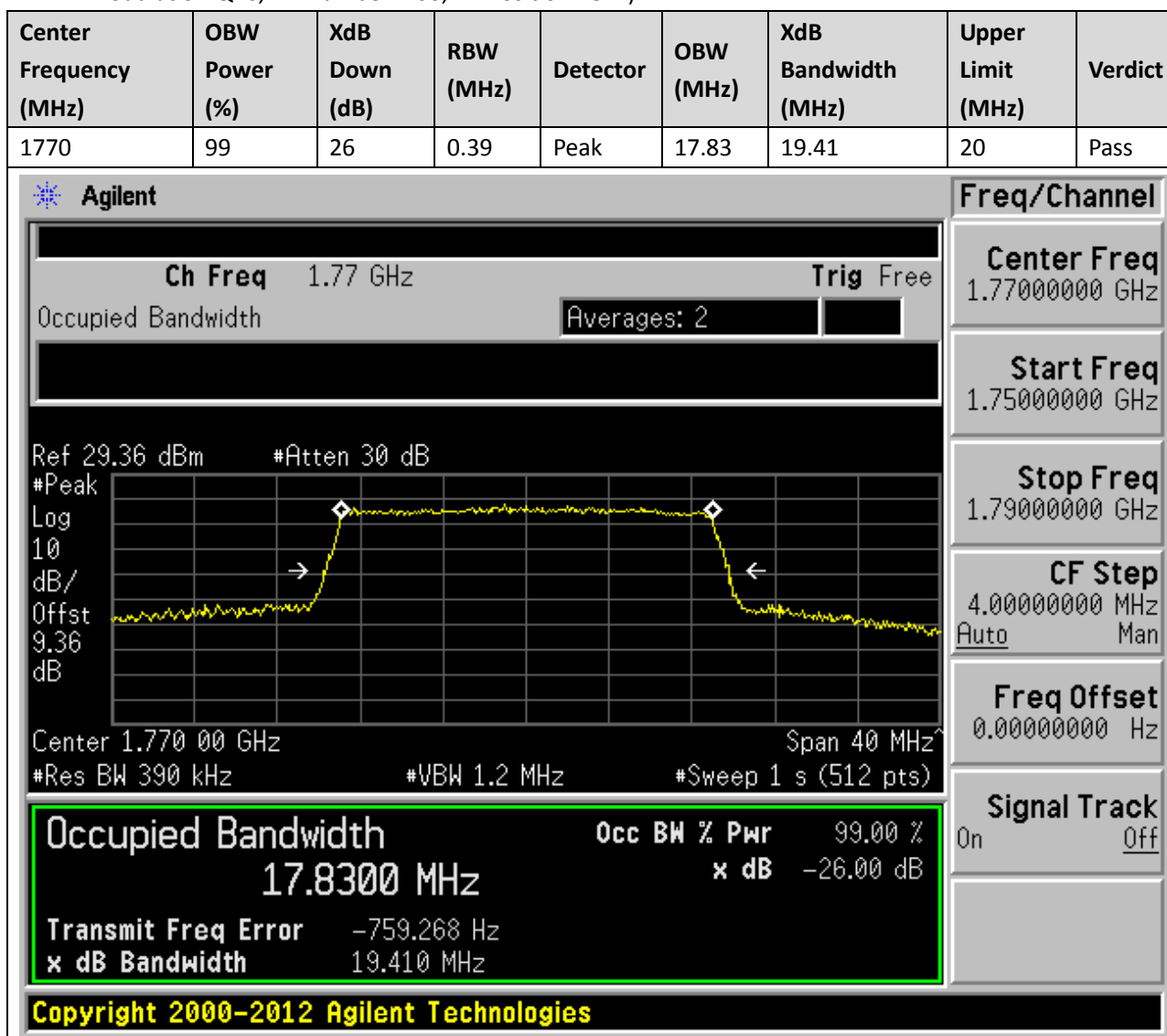
1.22. LTE Occupied Bandwidth(NTNV)(Subtest:22, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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



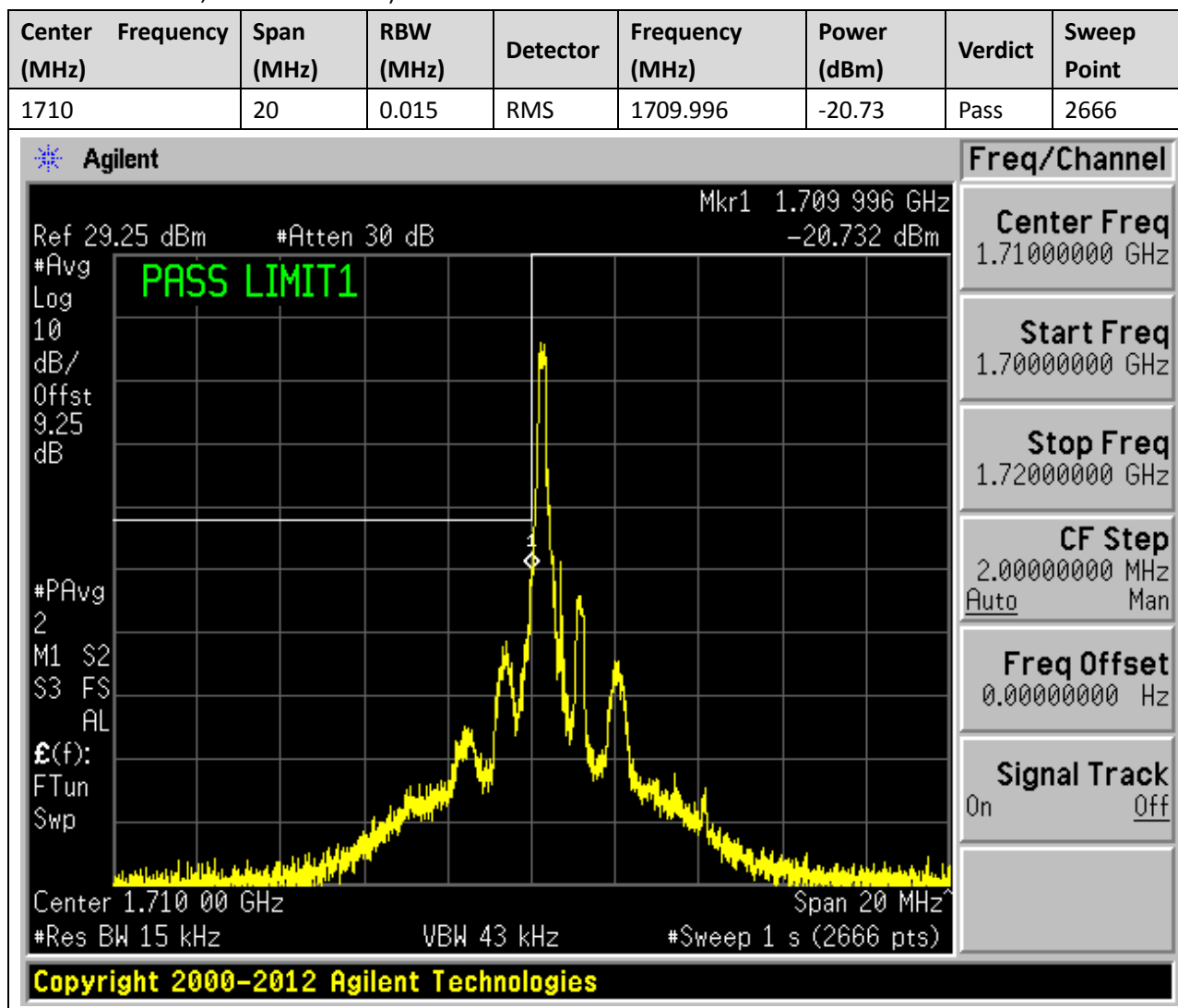
1.24. LTE Occupied Bandwidth(NTNV)(Subtest:24, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



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)



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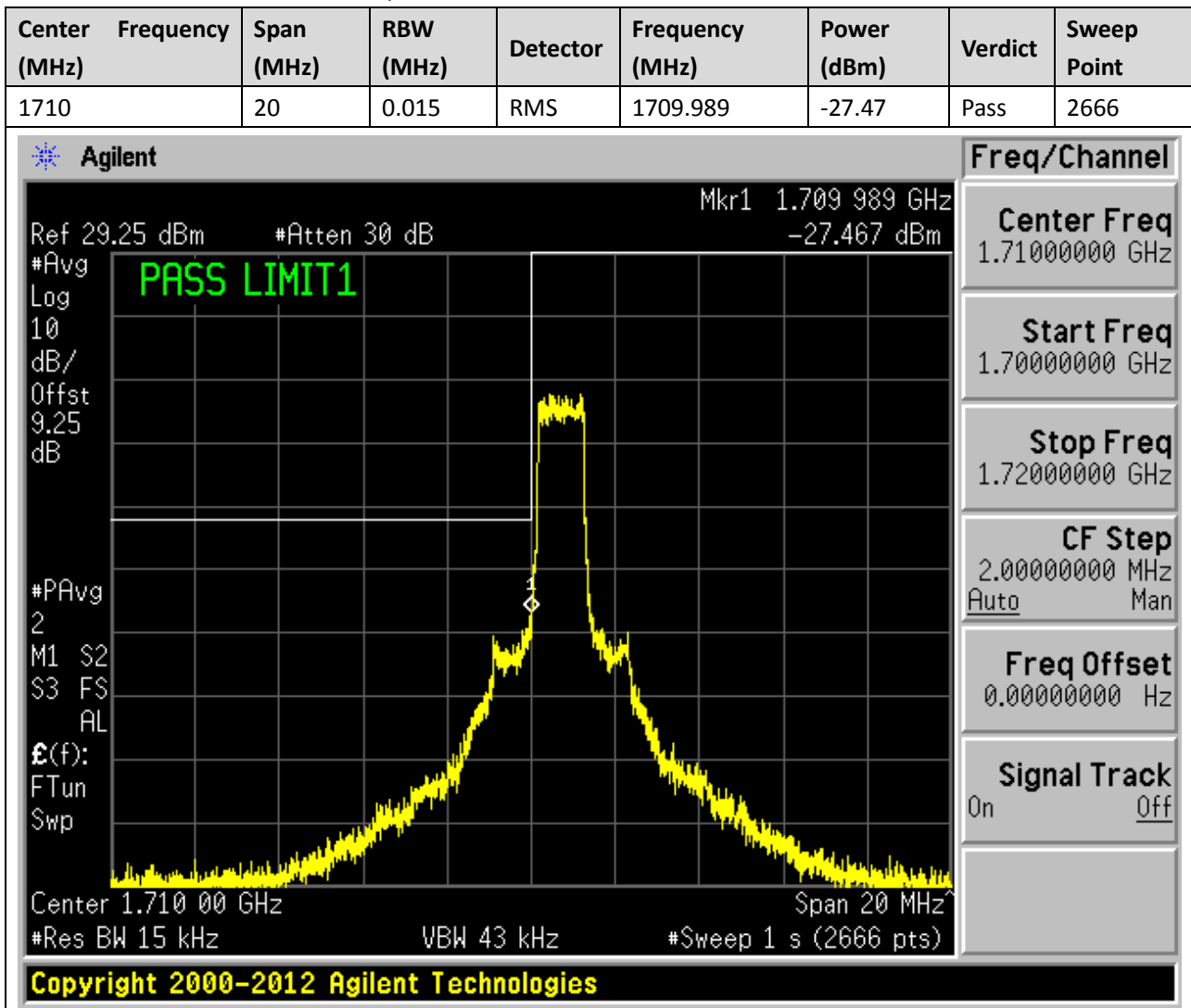
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1.2. LTE Band Edge(NTNV)(Subtest:2, Channel:131979, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)



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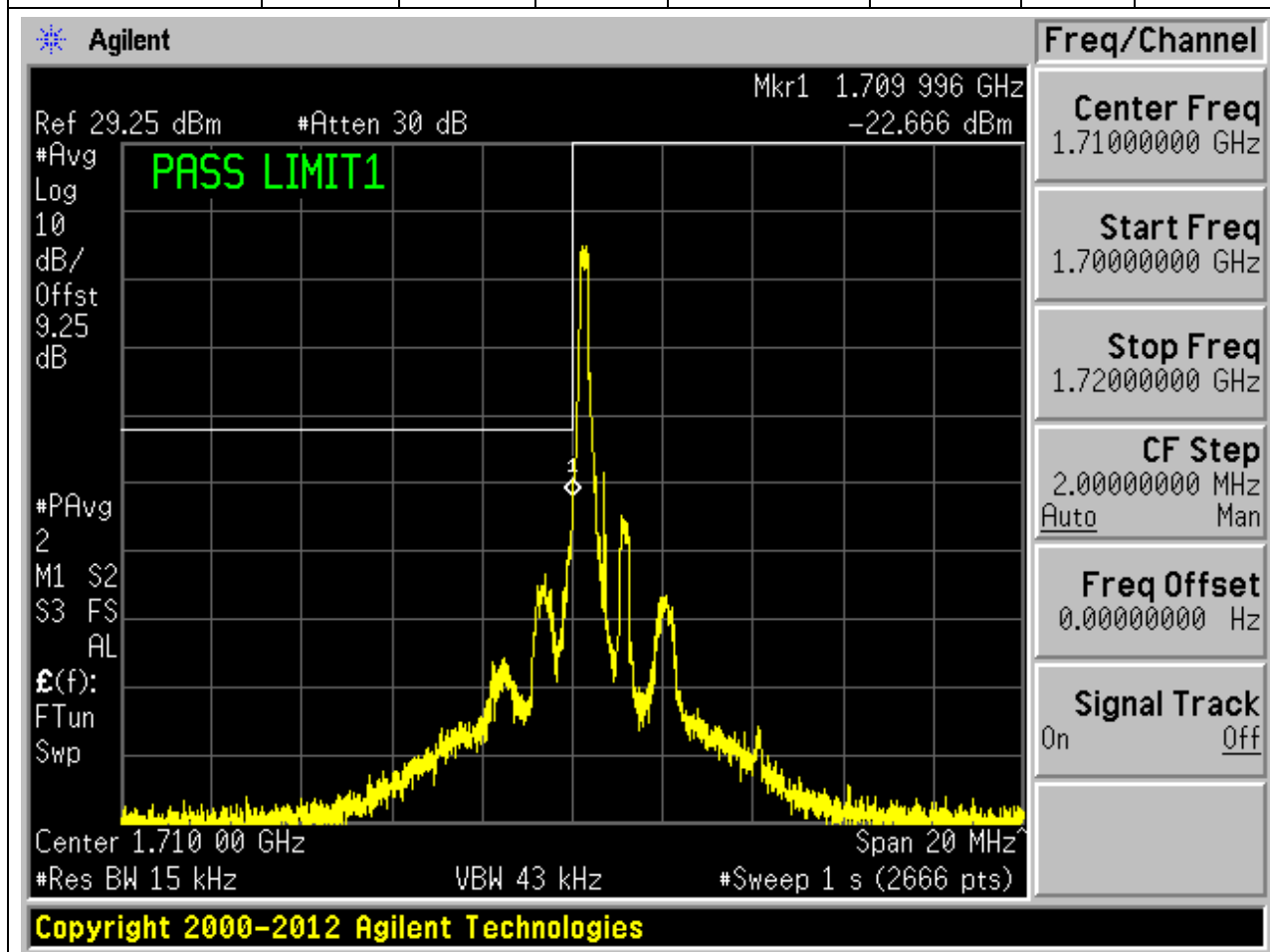
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1.3. LTE Band Edge(NTNV)(Subtest:3, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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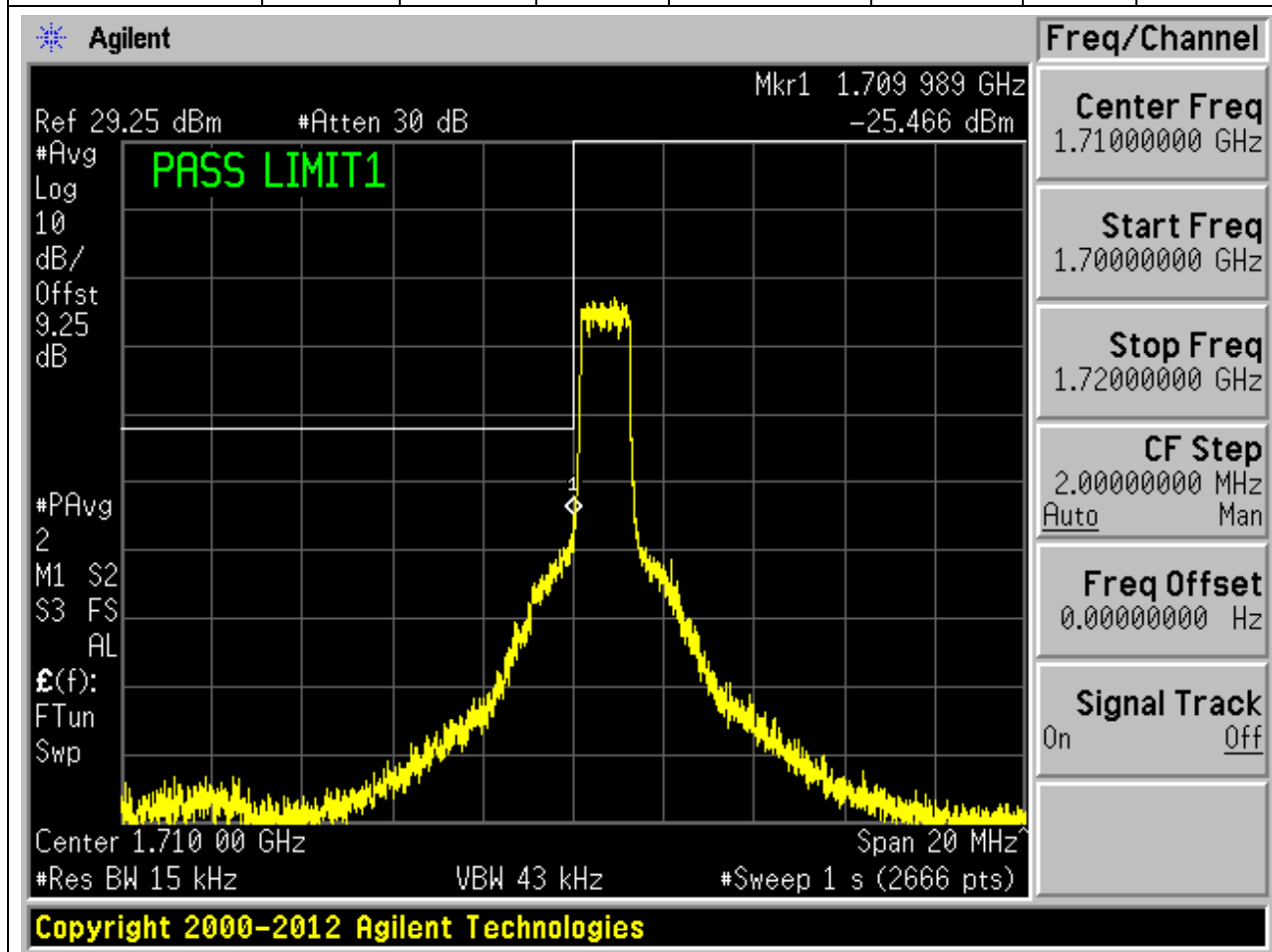
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1.4. LTE Band Edge(NTNV)(Subtest:4, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

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



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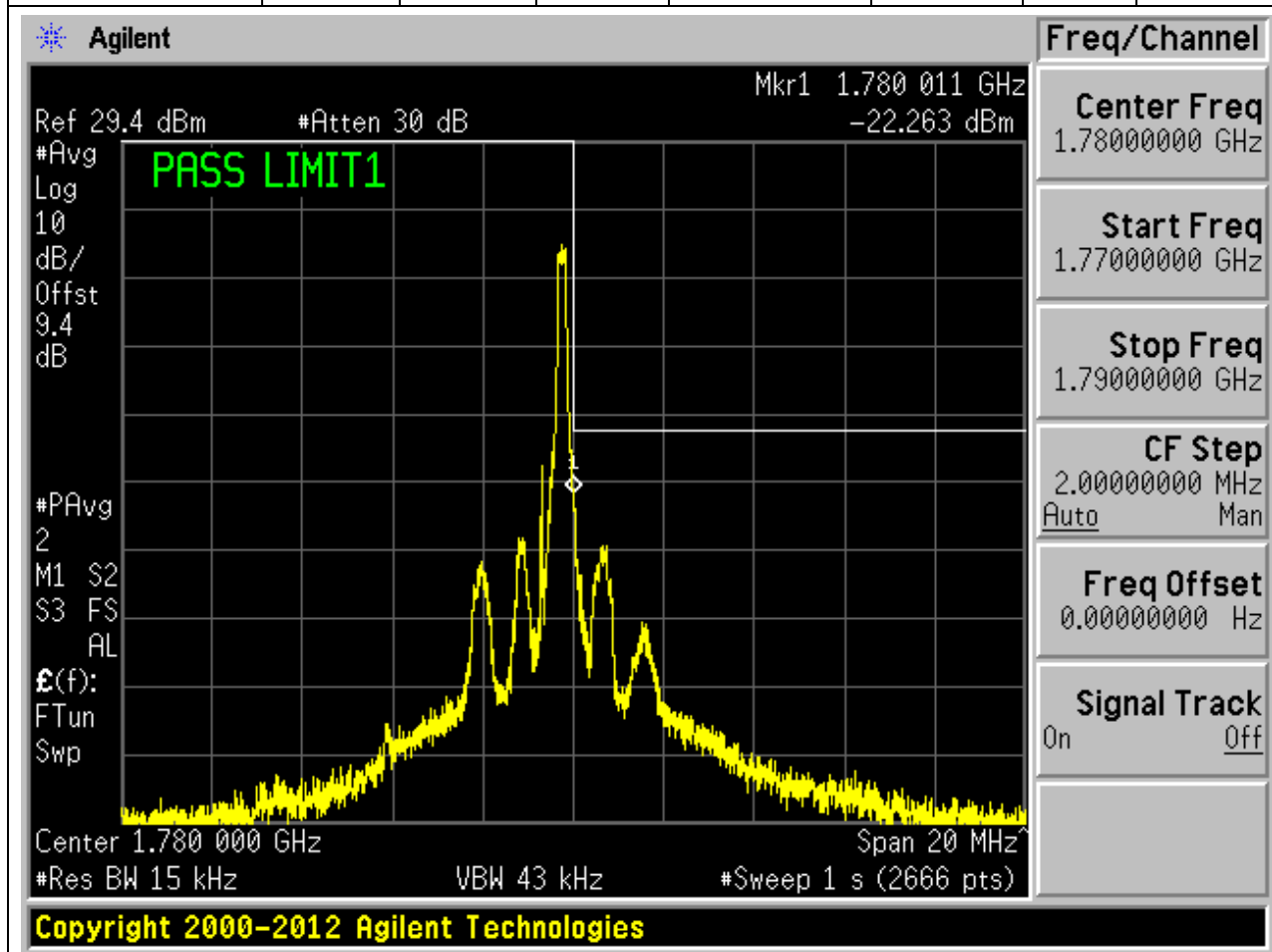
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1.5. LTE Band Edge(NTNV)(Subtest:5, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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



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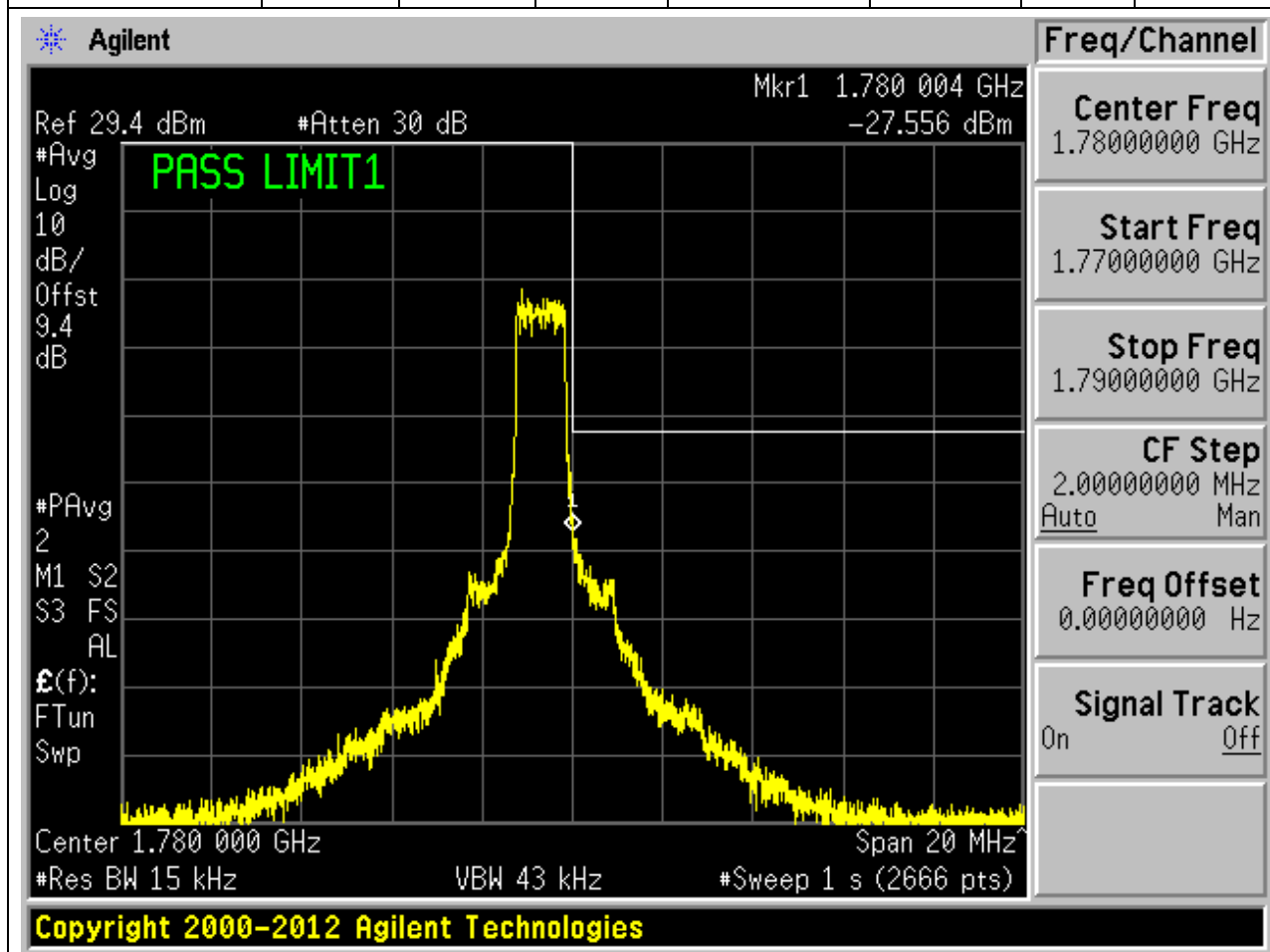


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1.6. LTE Band Edge(NTNV)(Subtest:6, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:HIGH)

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



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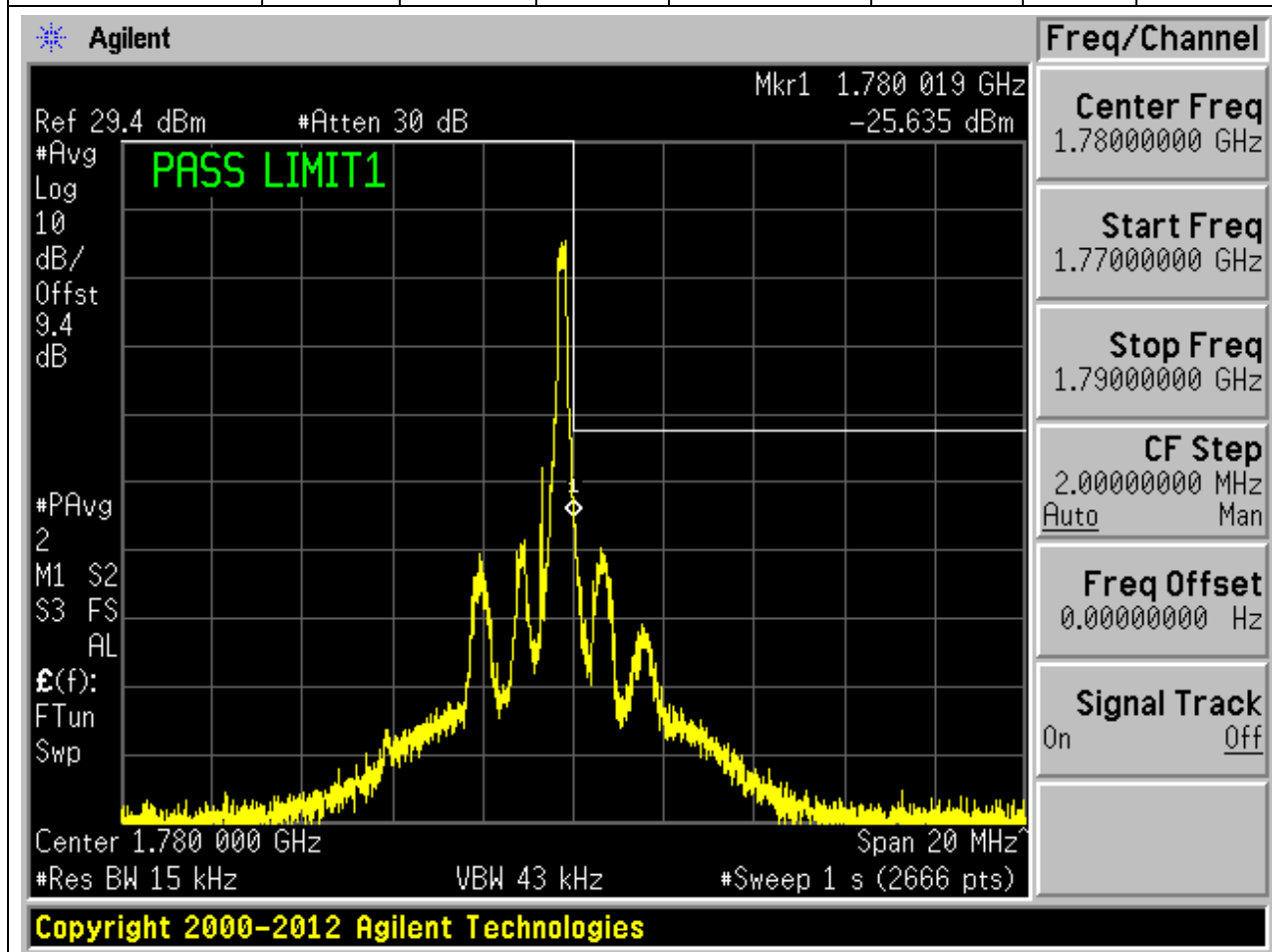
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1.7. LTE Band Edge(NTNV)(Subtest:7, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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



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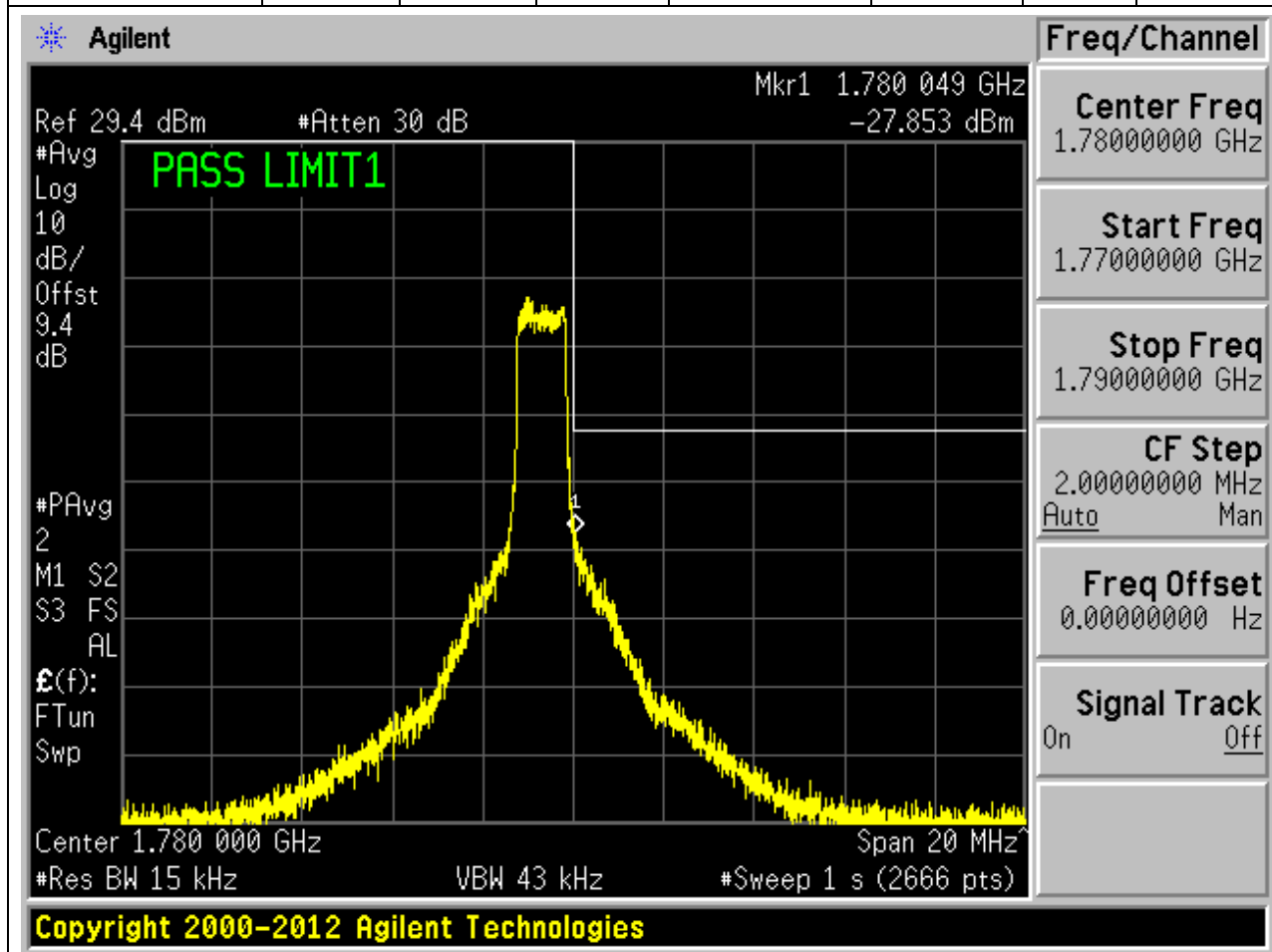
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1.8. LTE Band Edge(NTNV)(Subtest:8, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:HIGH)

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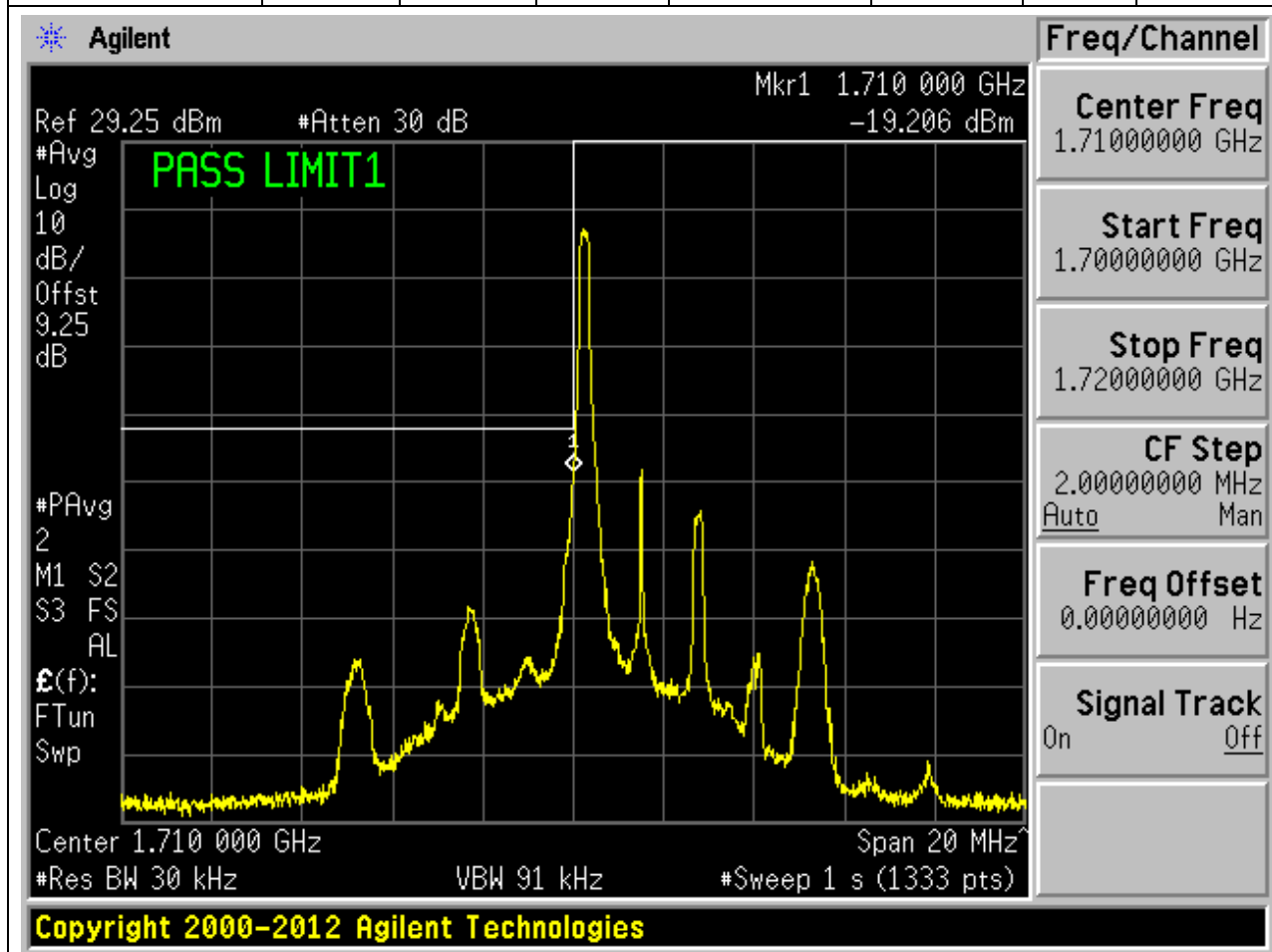
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1.9. LTE Band Edge(NTNV)(Subtest:9, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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



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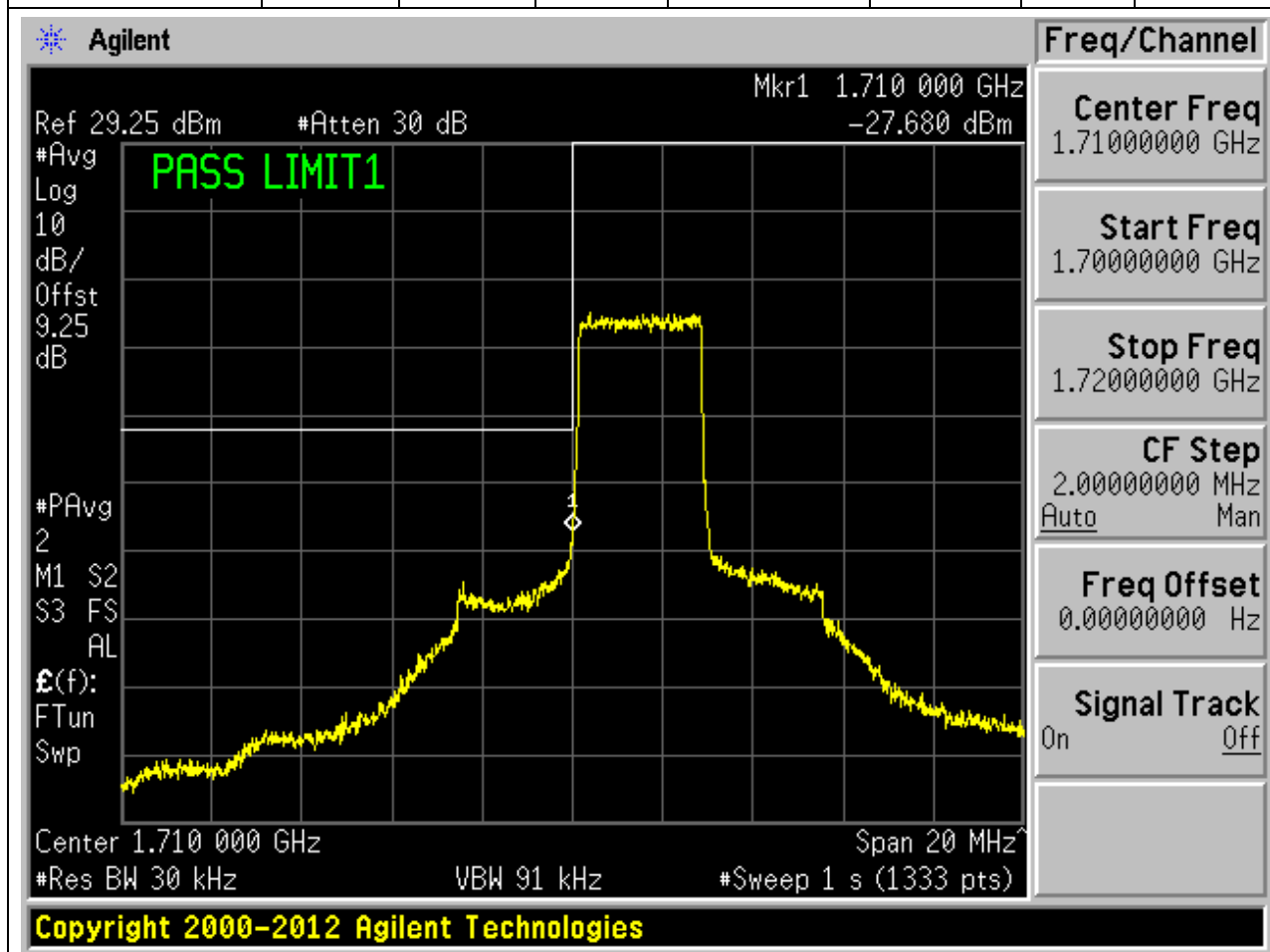


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1.10. LTE Band Edge(NTNV)(Subtest:10, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

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



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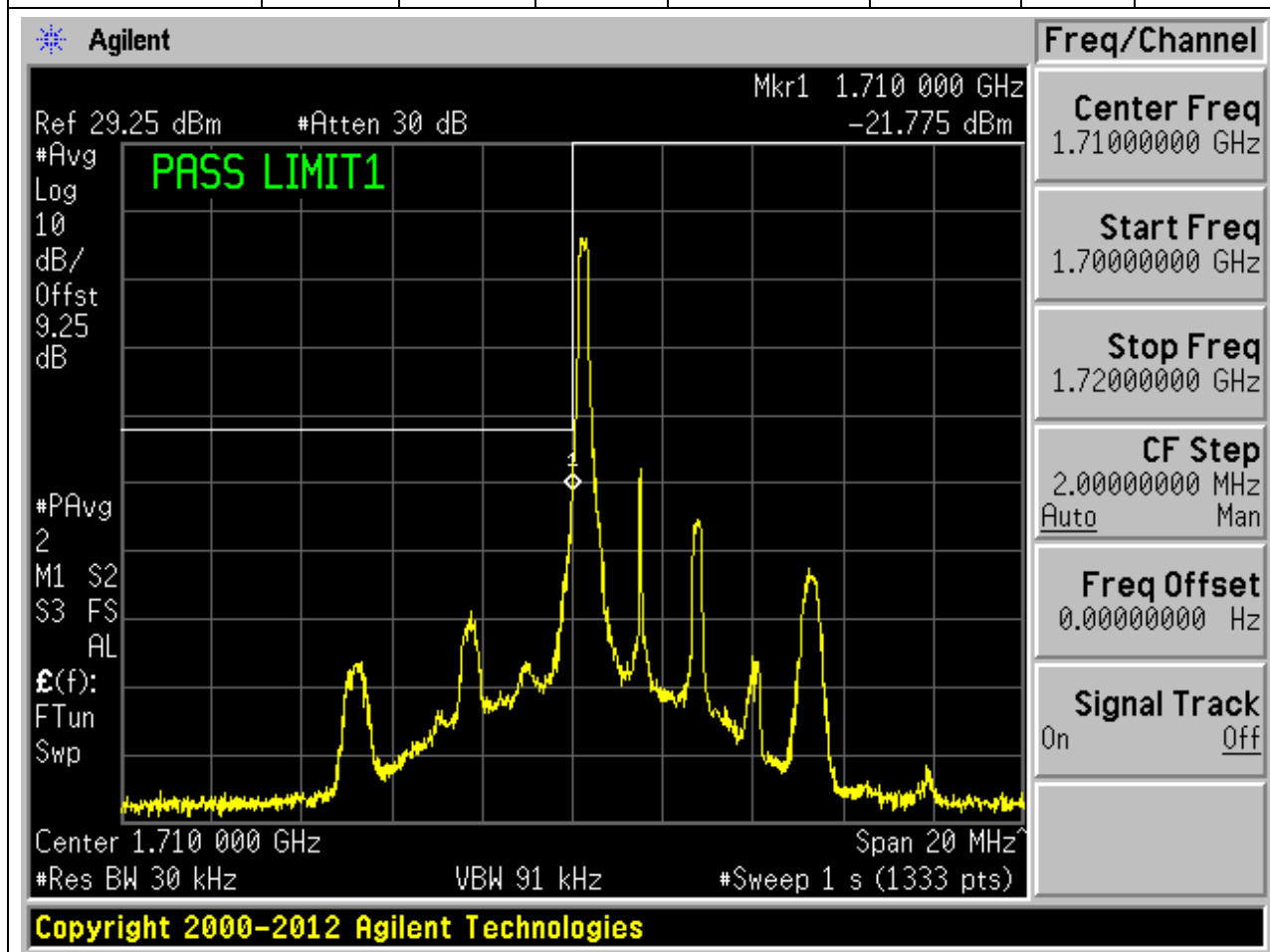
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1.11. LTE Band Edge(NTNV)(Subtest:11, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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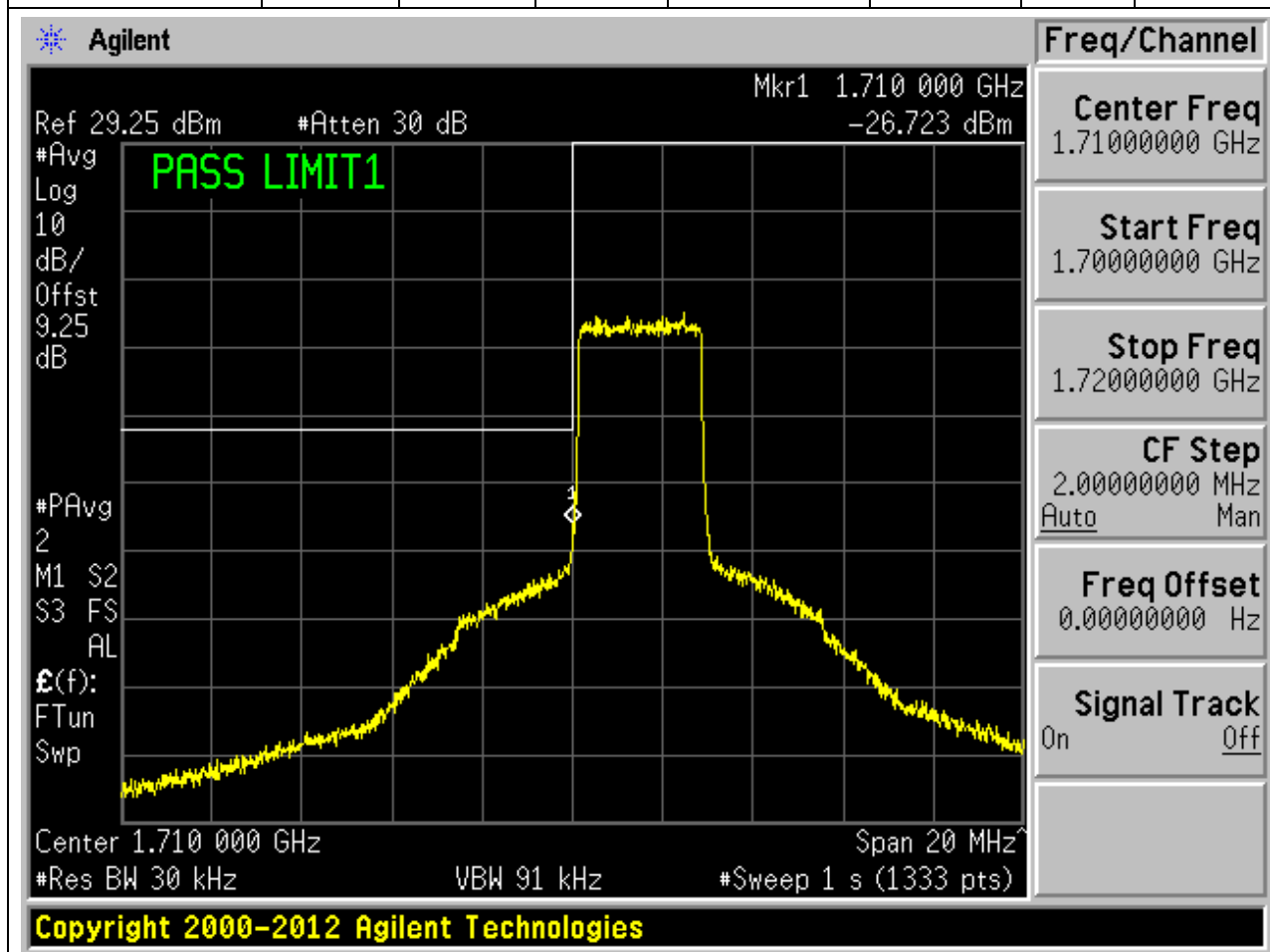
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1.12. LTE Band Edge(NTNV)(Subtest:12, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

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



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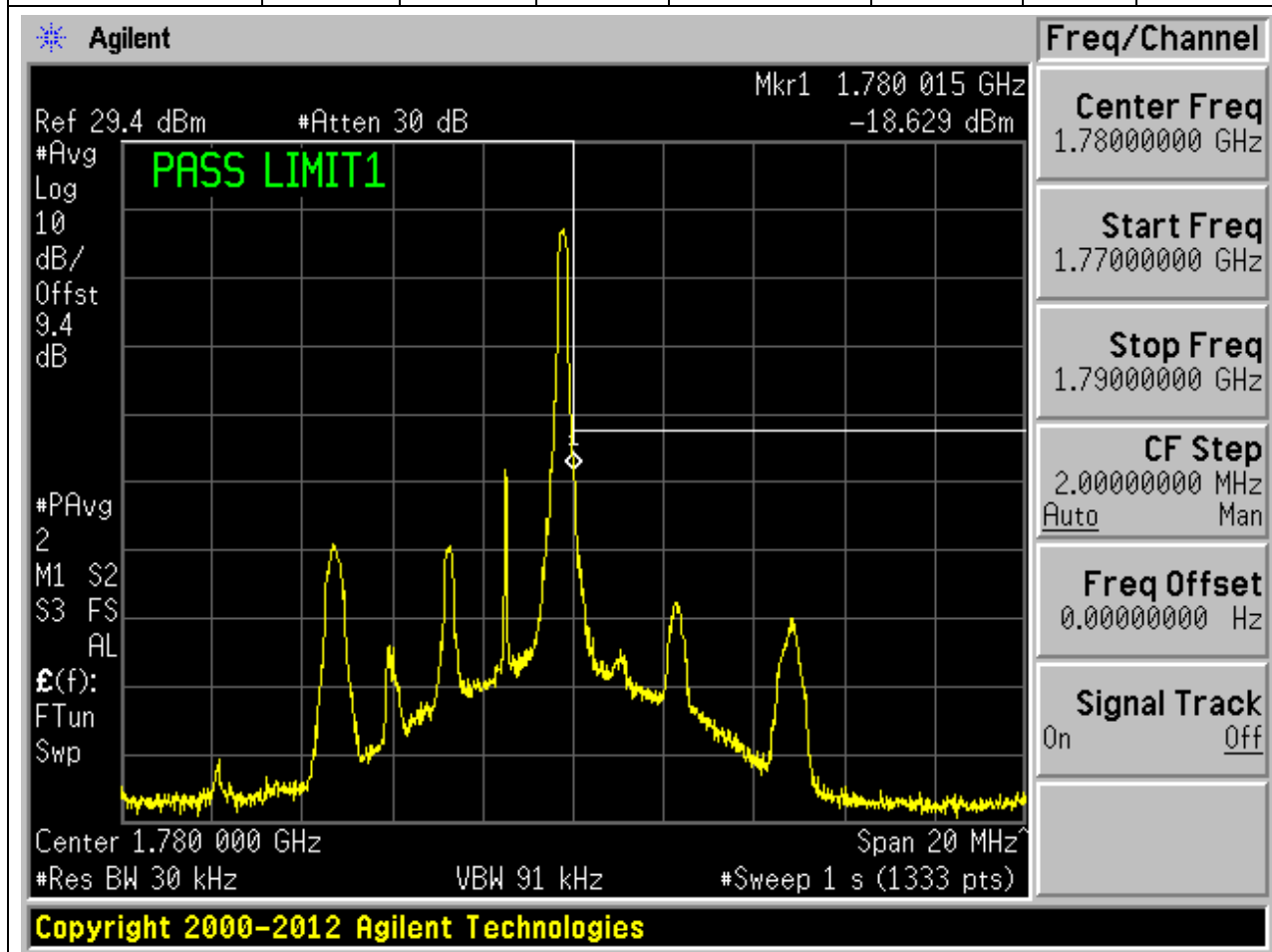
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1.13. LTE Band Edge(NTNV)(Subtest:13, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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



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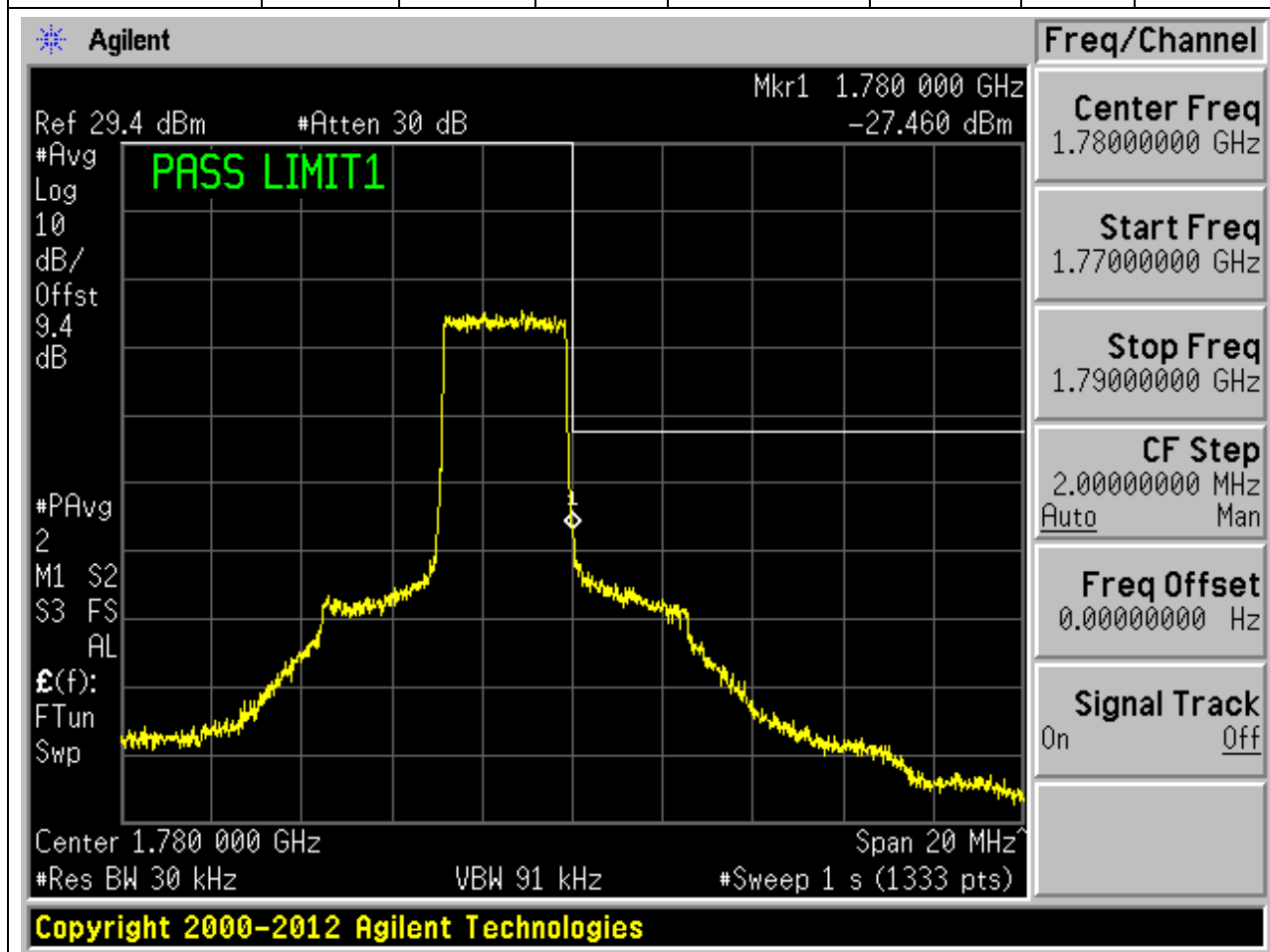
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1.14. LTE Band Edge(NTNV)(Subtest:14, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:HIGH)

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



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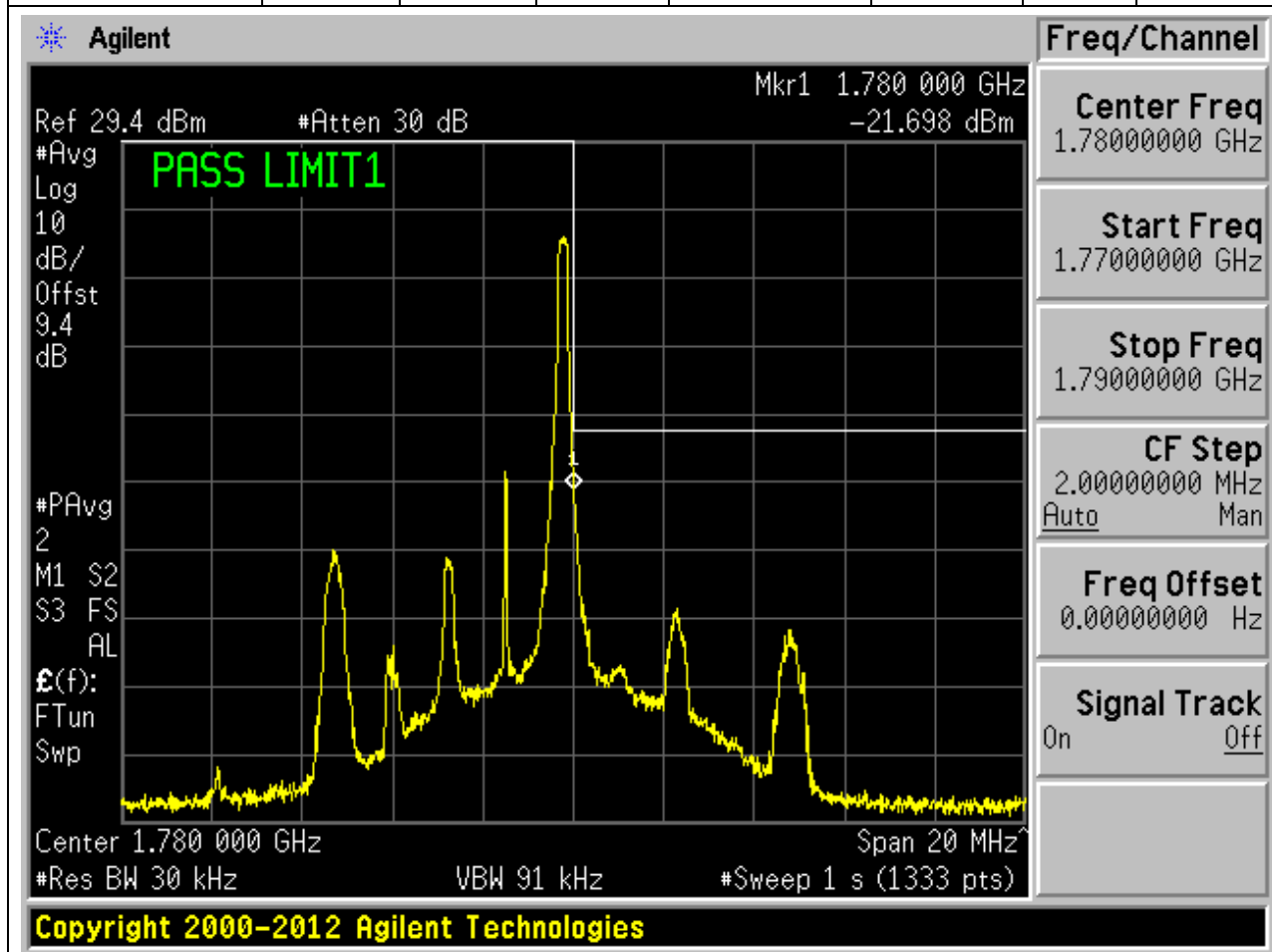
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1.15. LTE Band Edge(NTNV)(Subtest:15, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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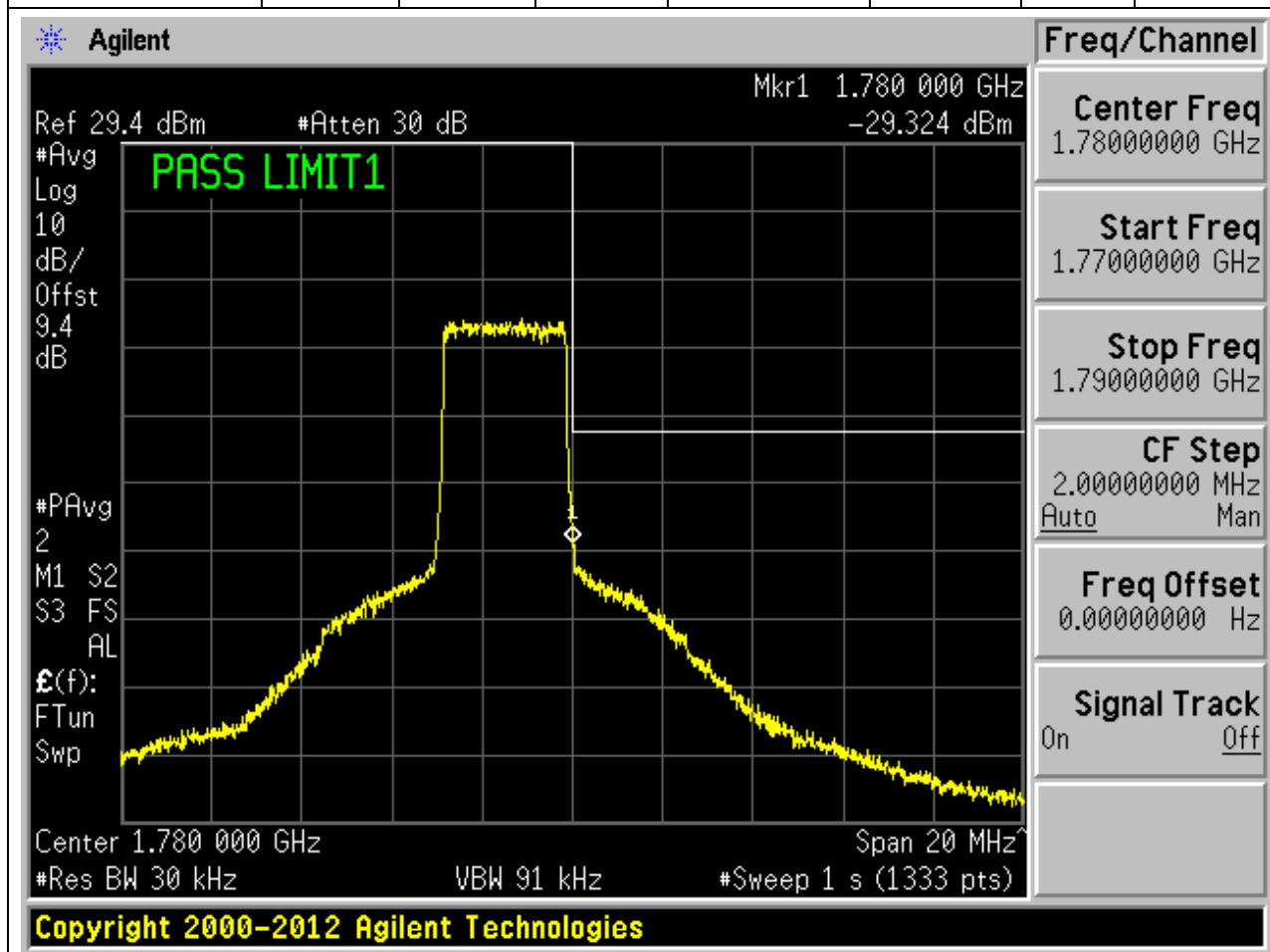
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1.16. LTE Band Edge(NTNV)(Subtest:16, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:HIGH)

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



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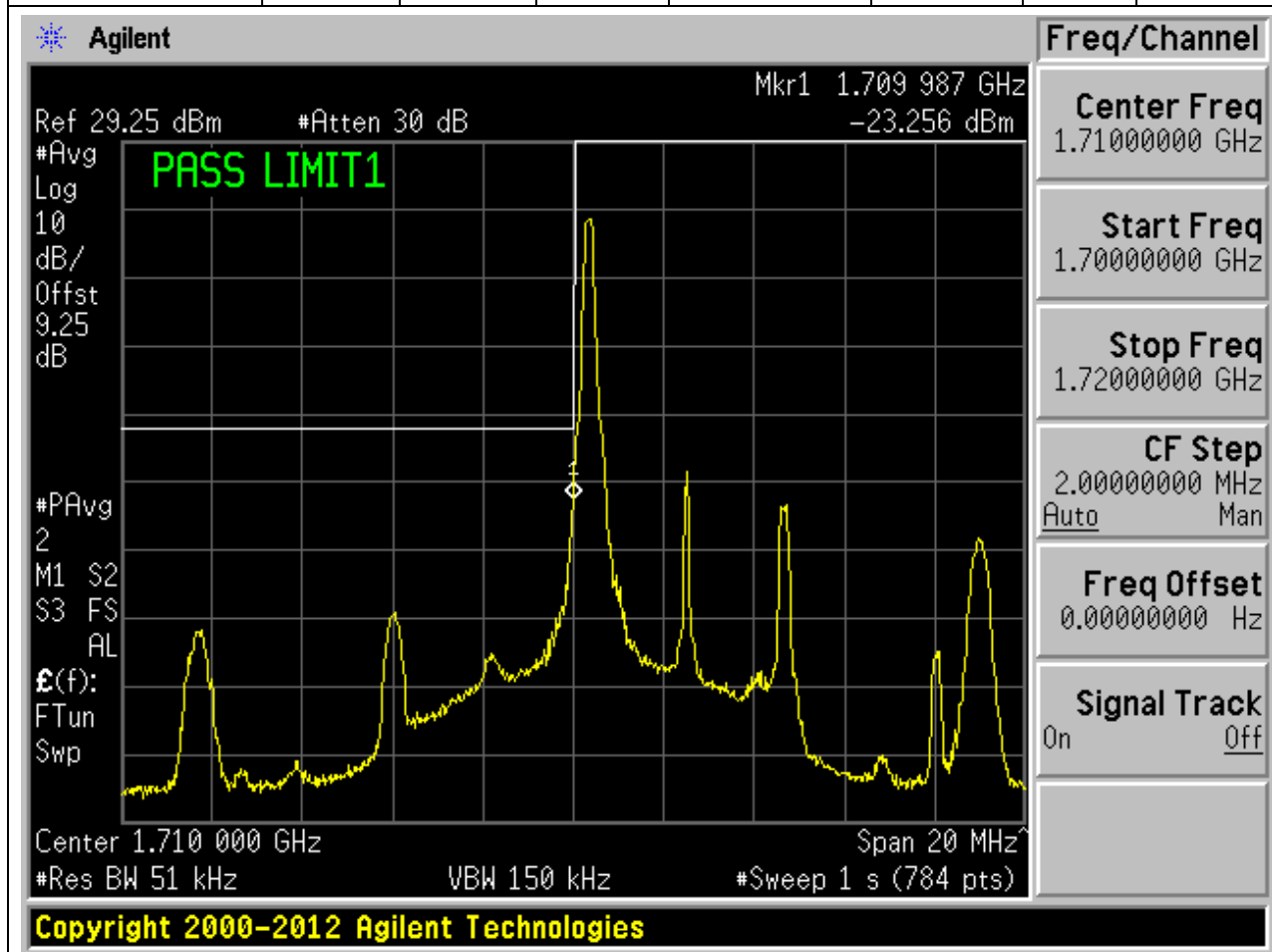
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1.17. LTE Band Edge(NTNV)(Subtest:17, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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



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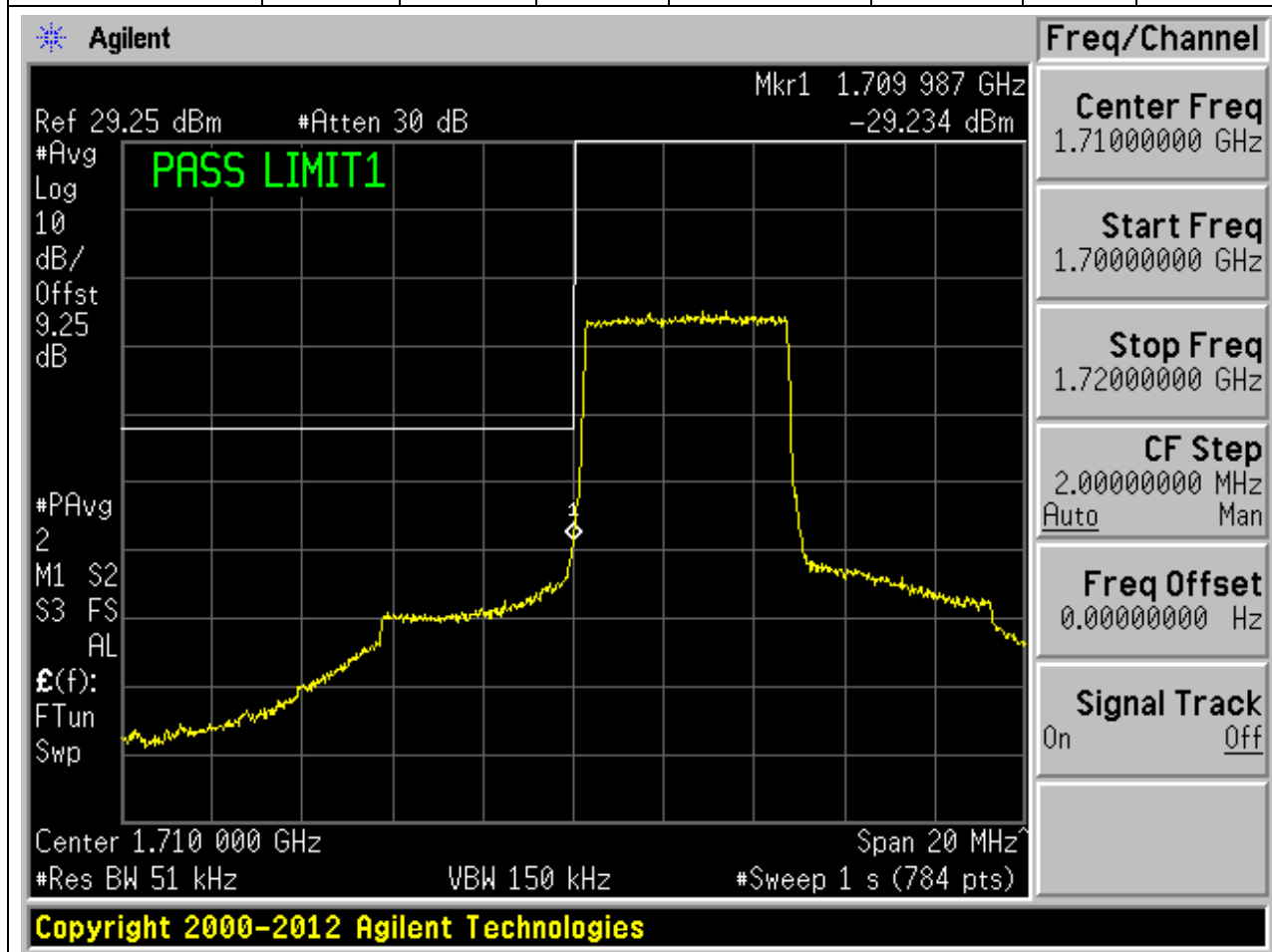
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1.18. LTE Band Edge(NTNV)(Subtest:18, Channel:131997, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

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



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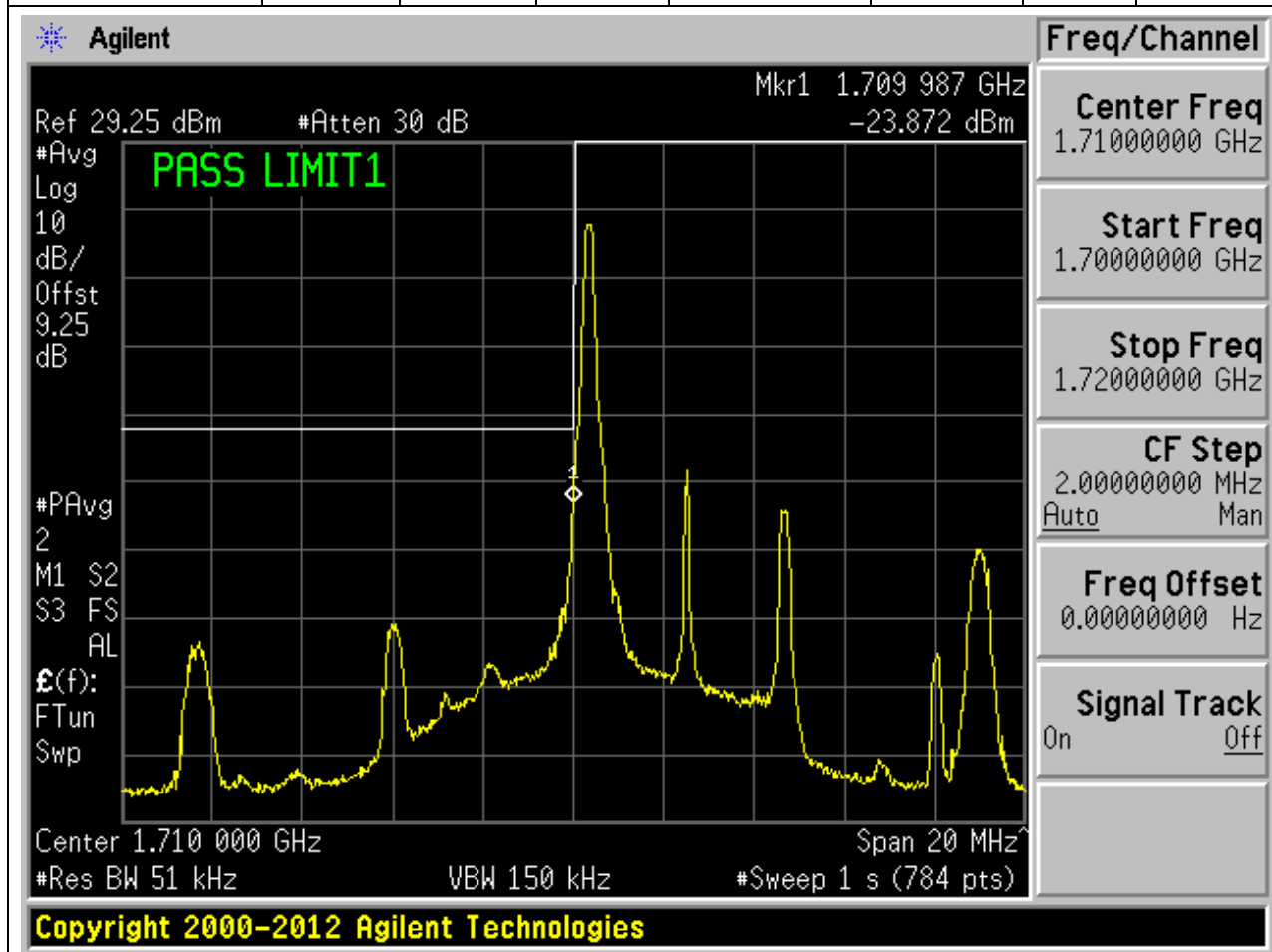
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1.19. LTE Band Edge(NTNV)(Subtest:19, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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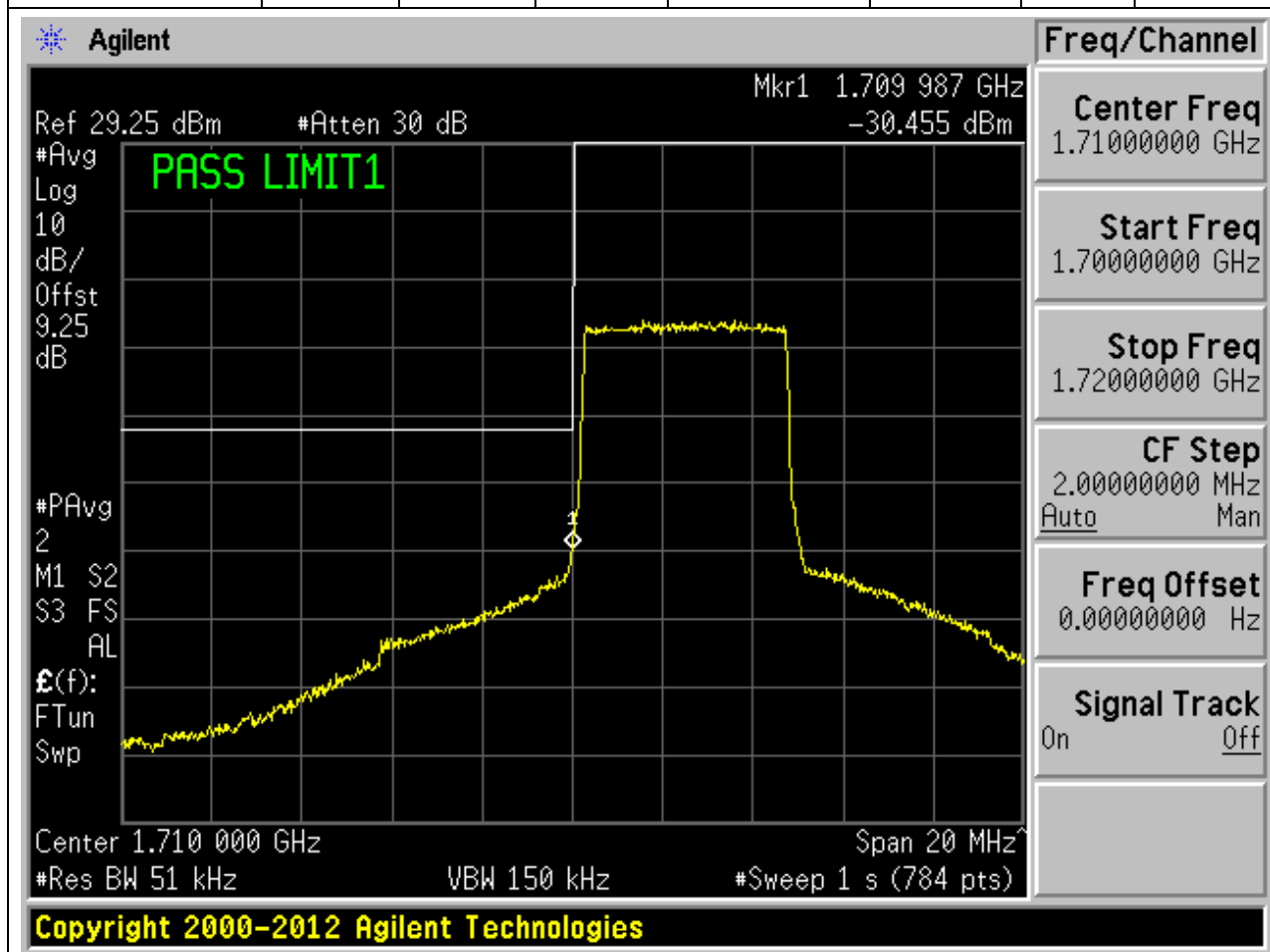
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1.20. LTE Band Edge(NTNV)(Subtest:20, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

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



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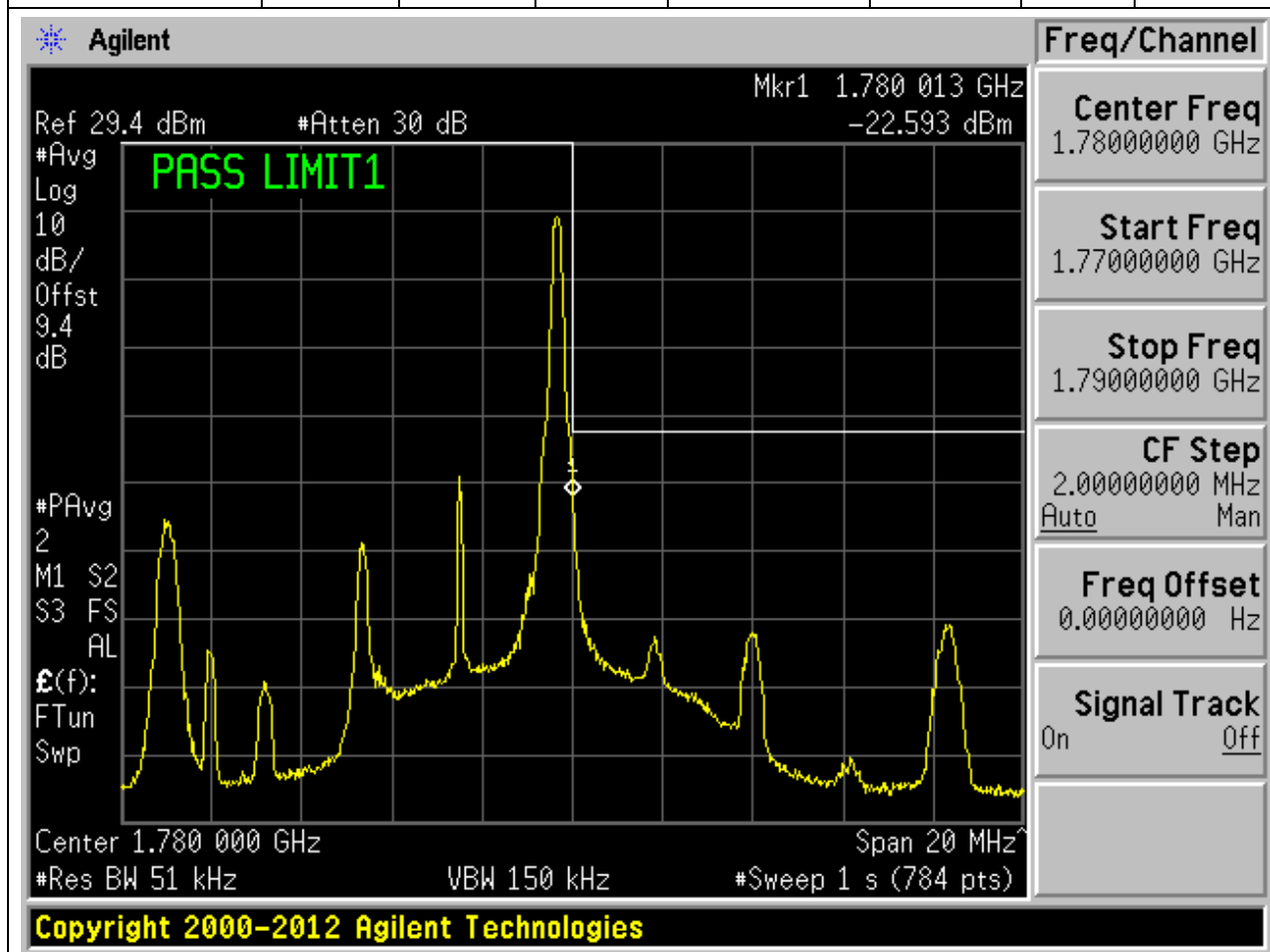
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1.21. LTE Band Edge(NTNV)(Subtest:21, Channel:132647, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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



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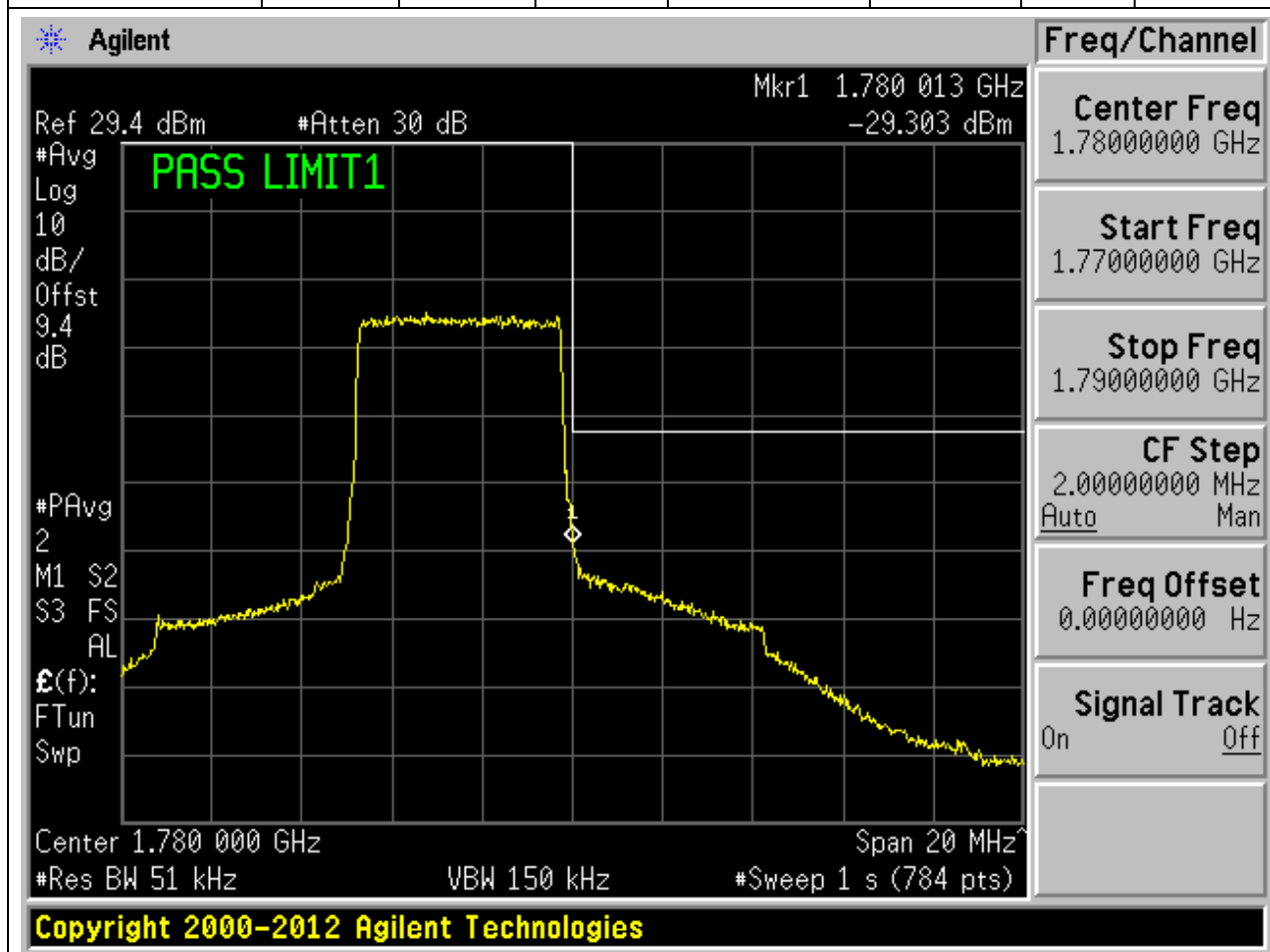
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1.22. LTE Band Edge(NTNV)(Subtest:22, Channel:132647, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

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



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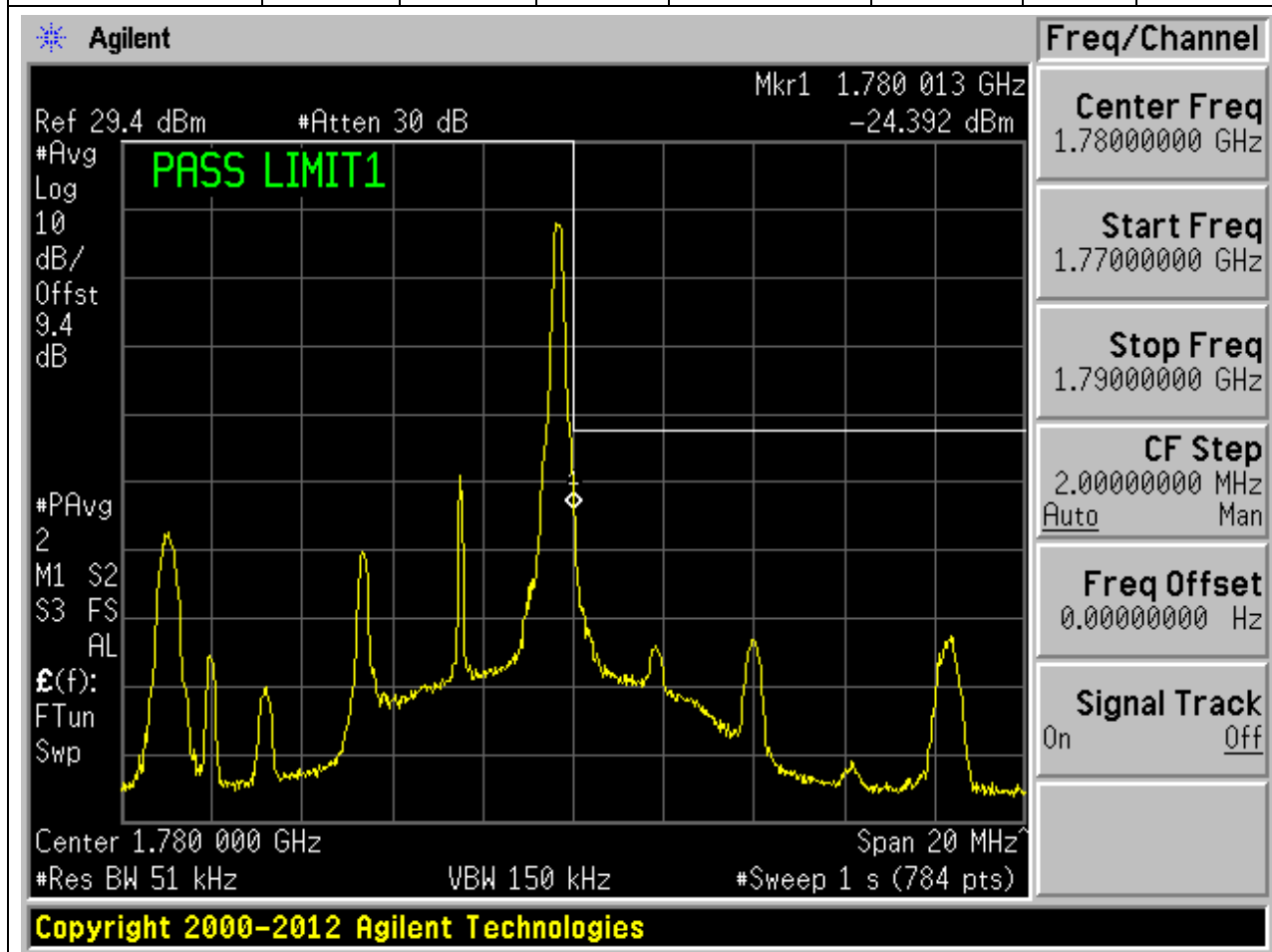
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1.23. LTE Band Edge(NTNV)(Subtest:23, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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



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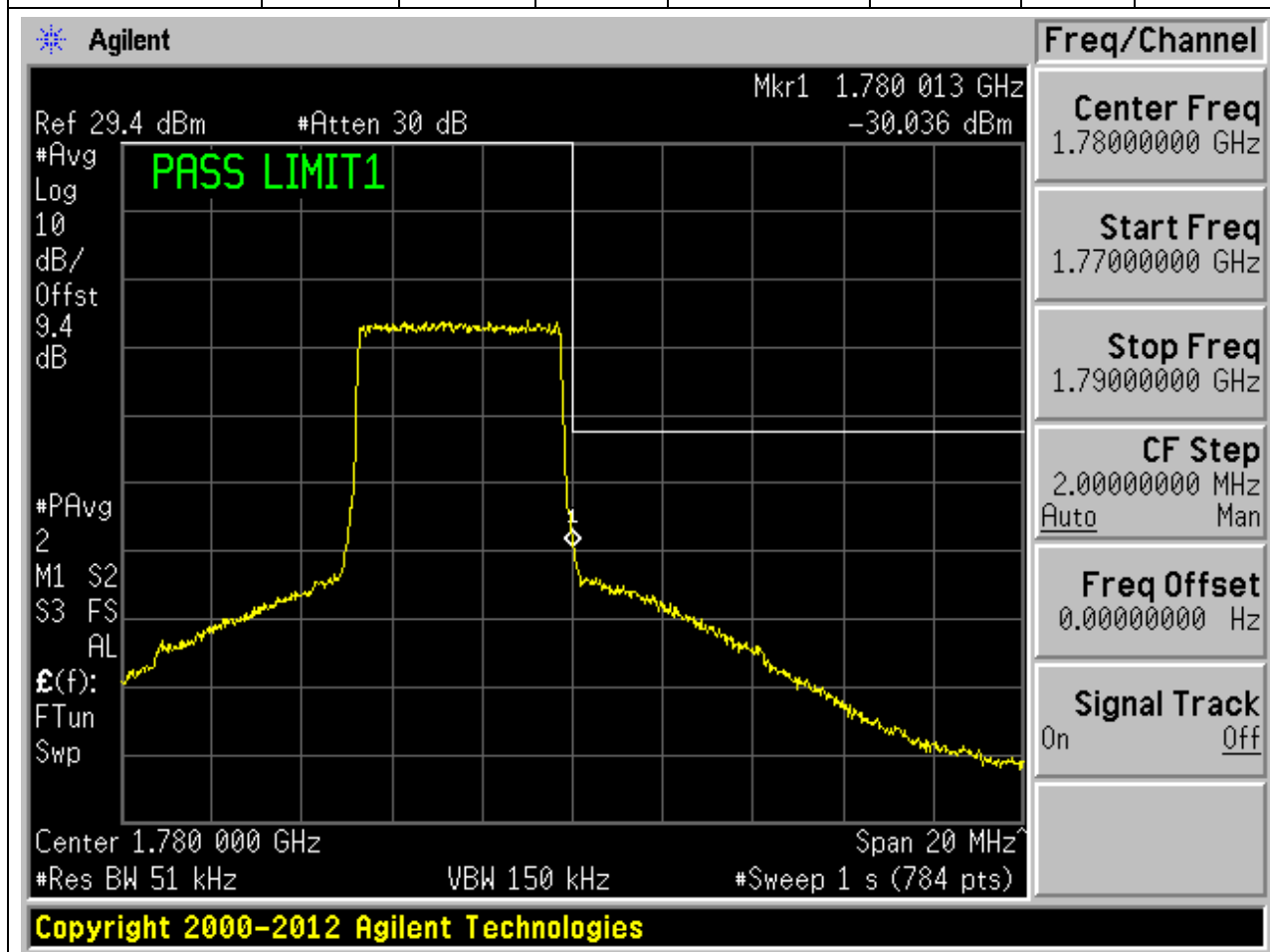
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1.24. LTE Band Edge(NTNV)(Subtest:24, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:HIGH)

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



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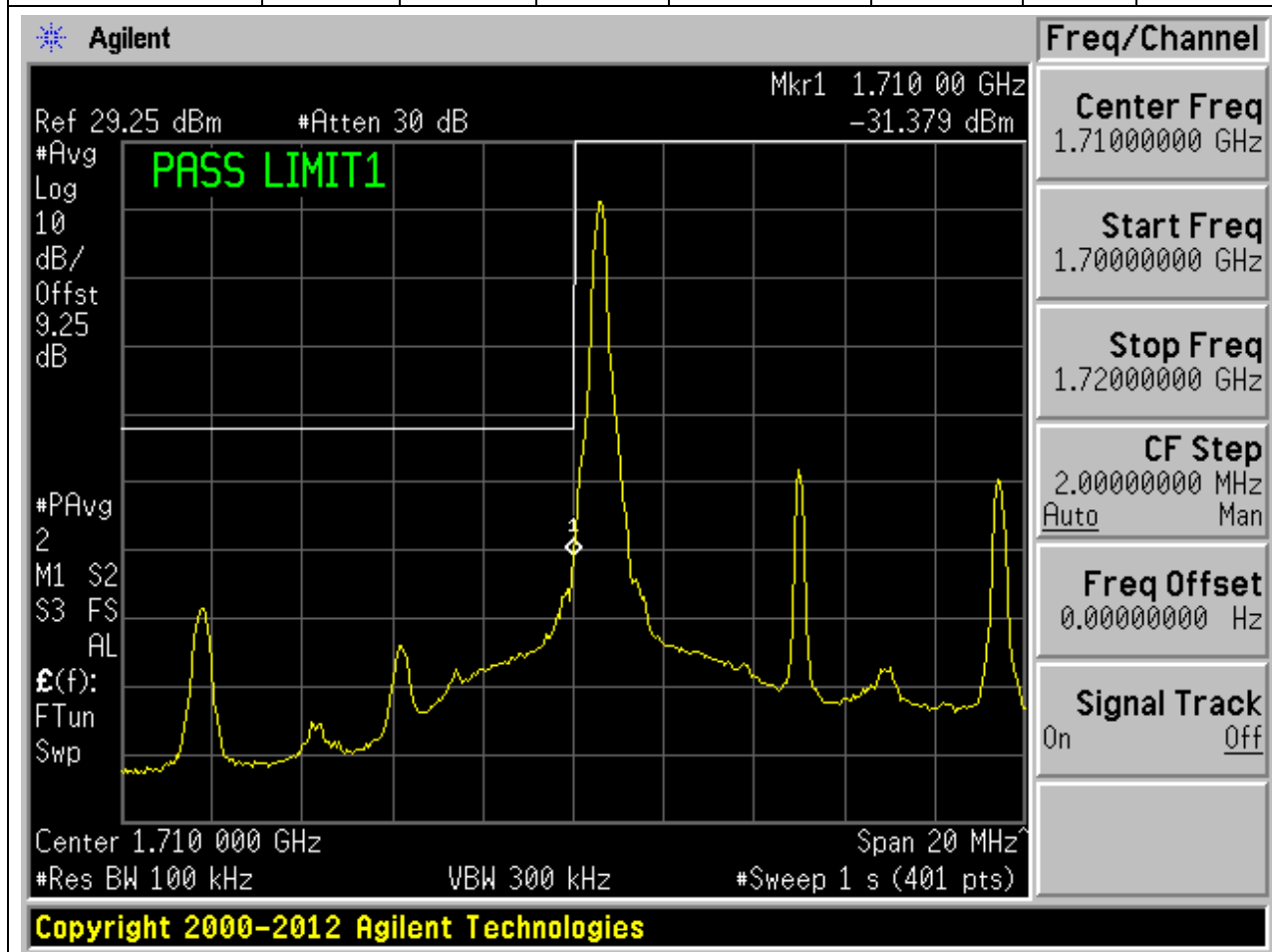
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1.25. LTE Band Edge(NTNV)(Subtest:25, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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



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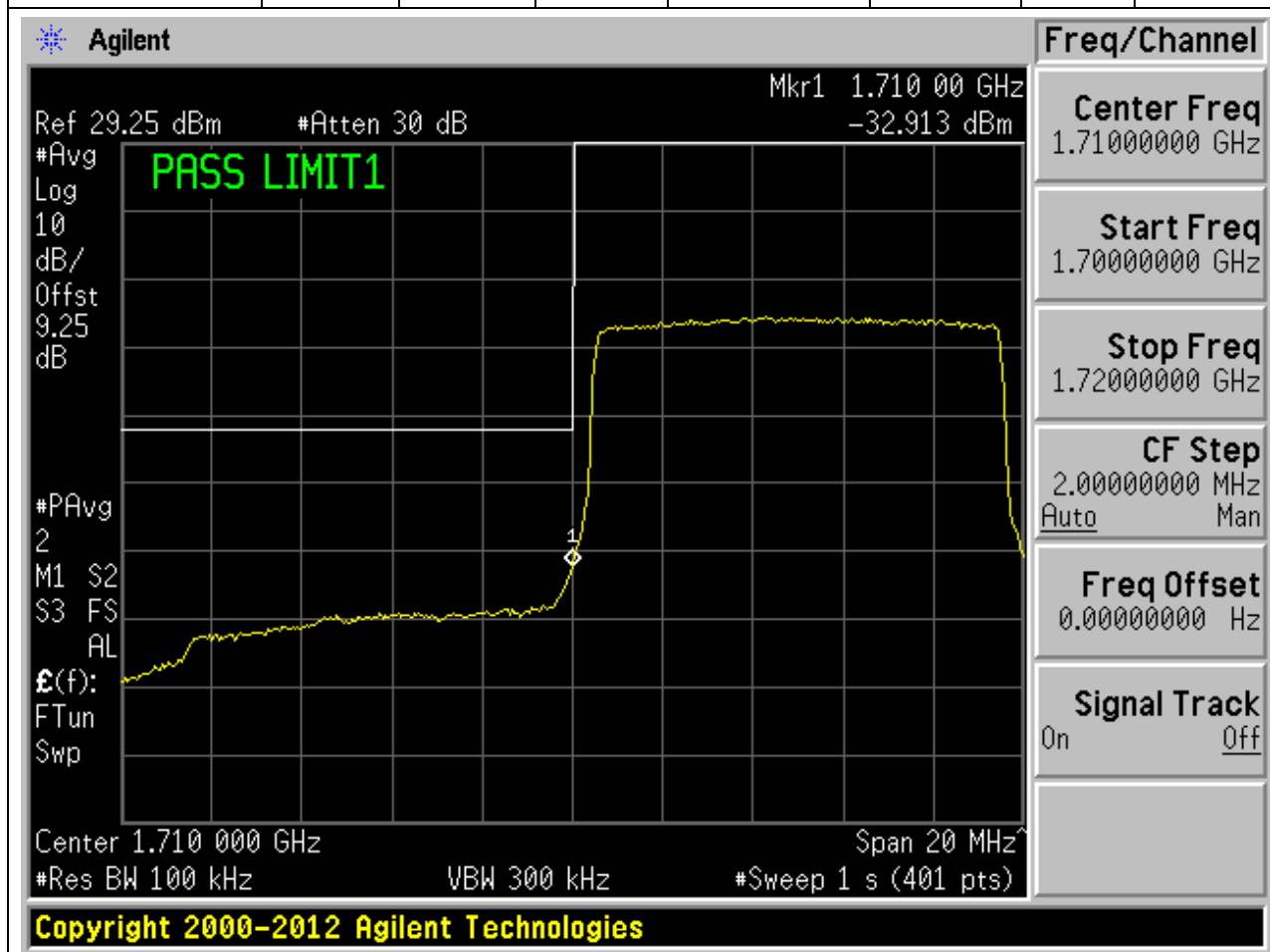
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1.26. LTE Band Edge(NTNV)(Subtest:26, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:LOW)

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



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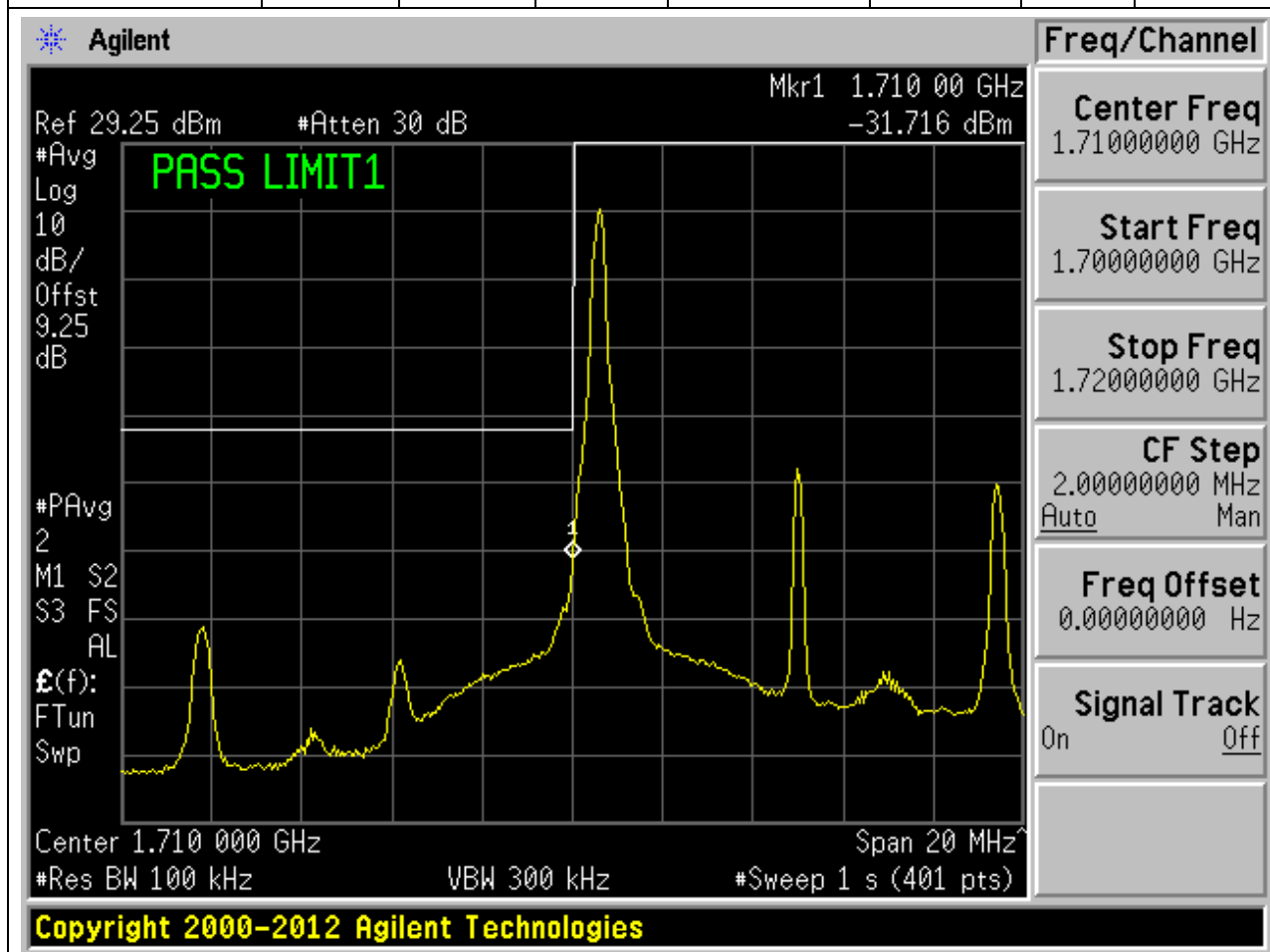
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1.27. LTE Band Edge(NTNV)(Subtest:27, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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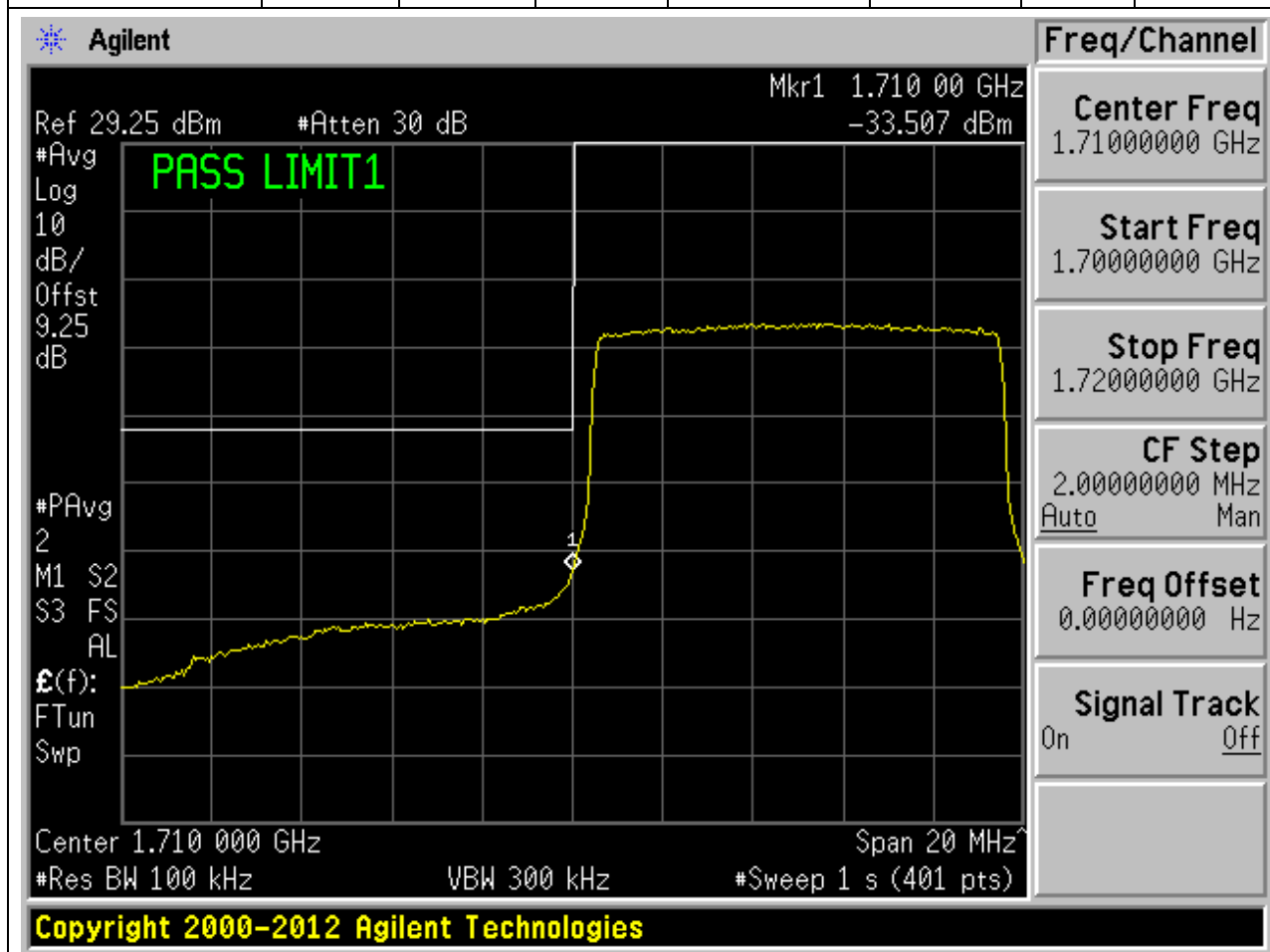
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1.28. LTE Band Edge(NTNV)(Subtest:28, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:LOW)

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



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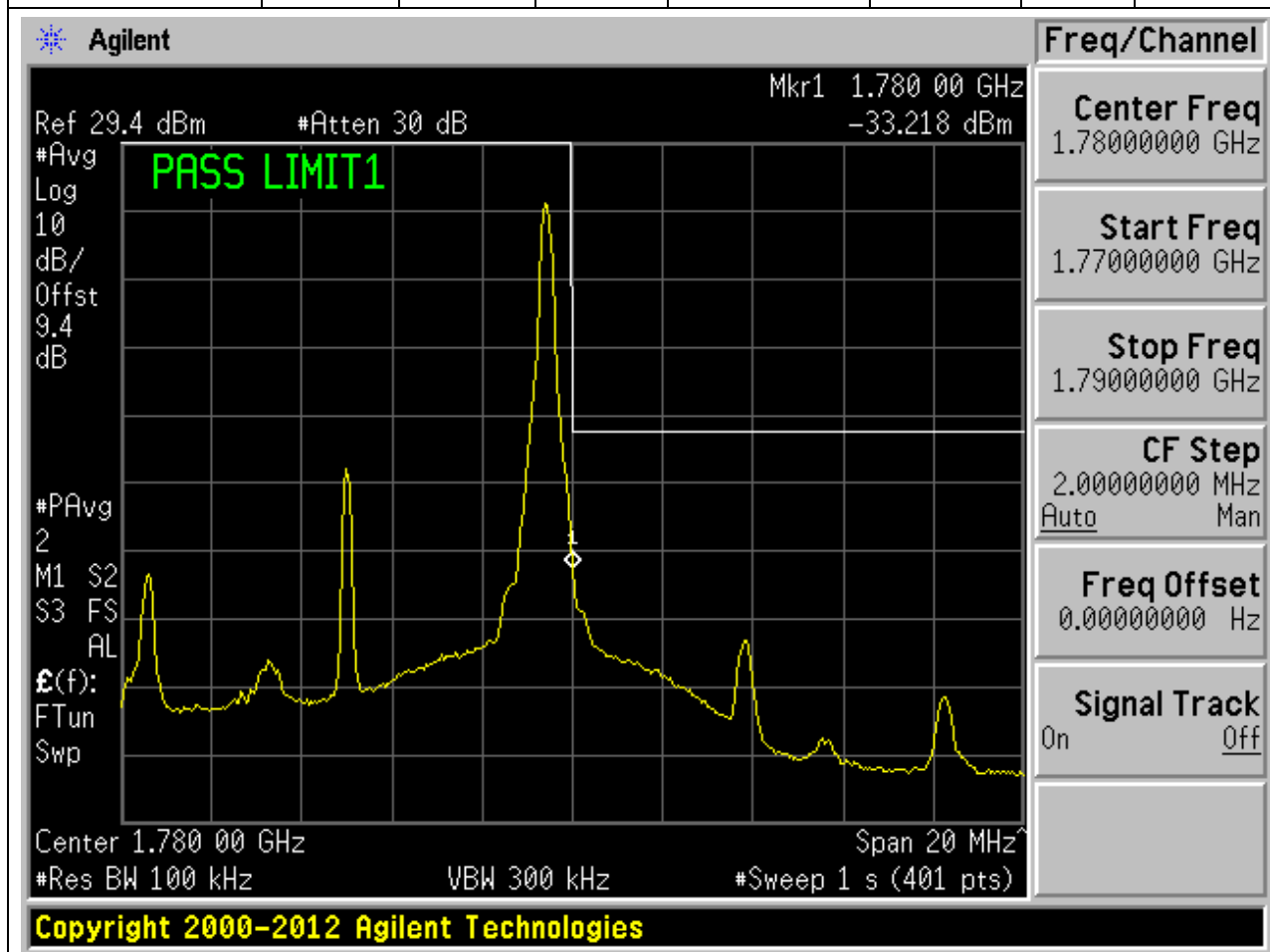
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1.29. LTE Band Edge(NTNV)(Subtest:29, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

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



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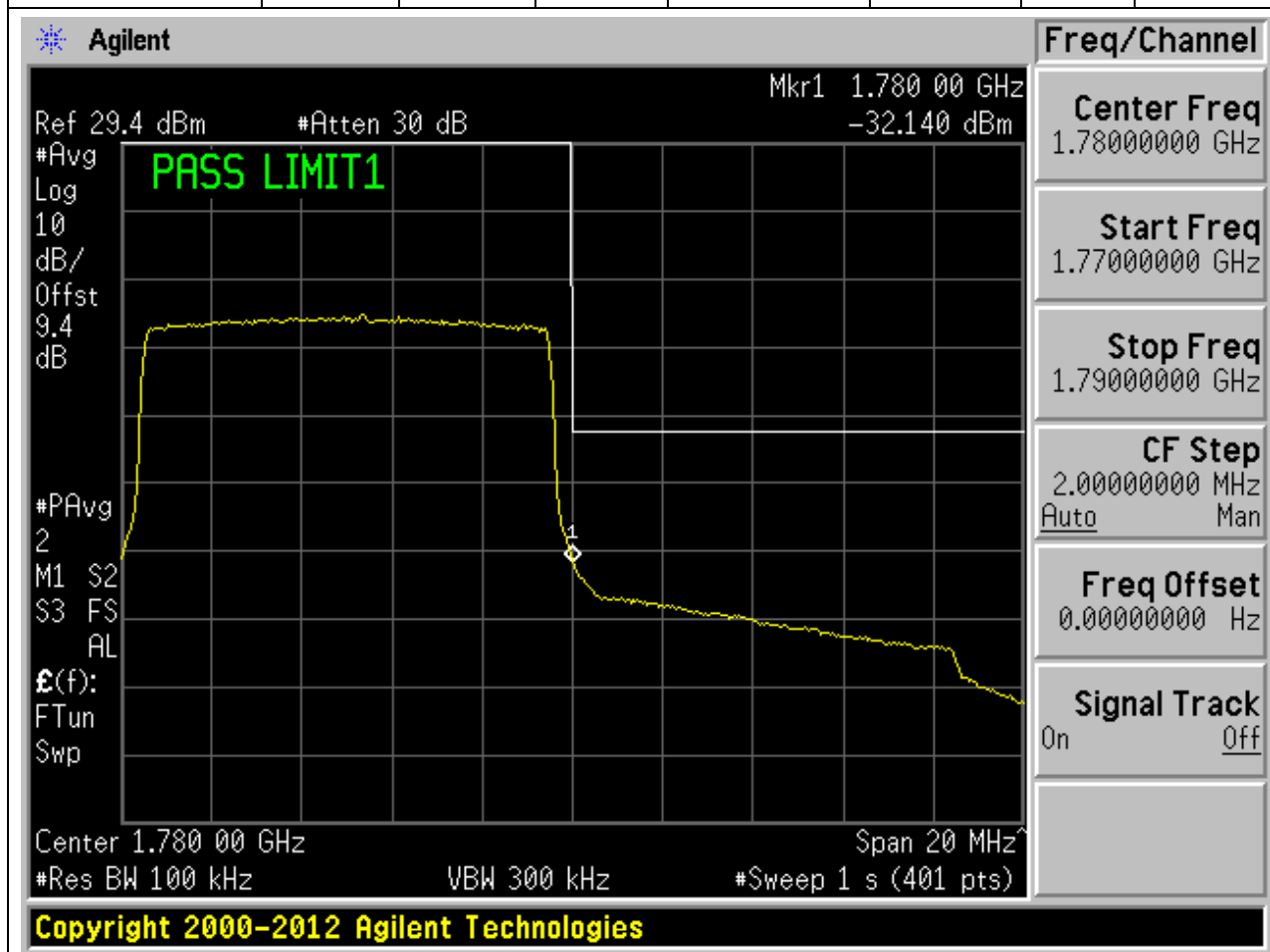
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1.30. LTE Band Edge(NTNV)(Subtest:30, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 50, RB Position:HIGH)

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



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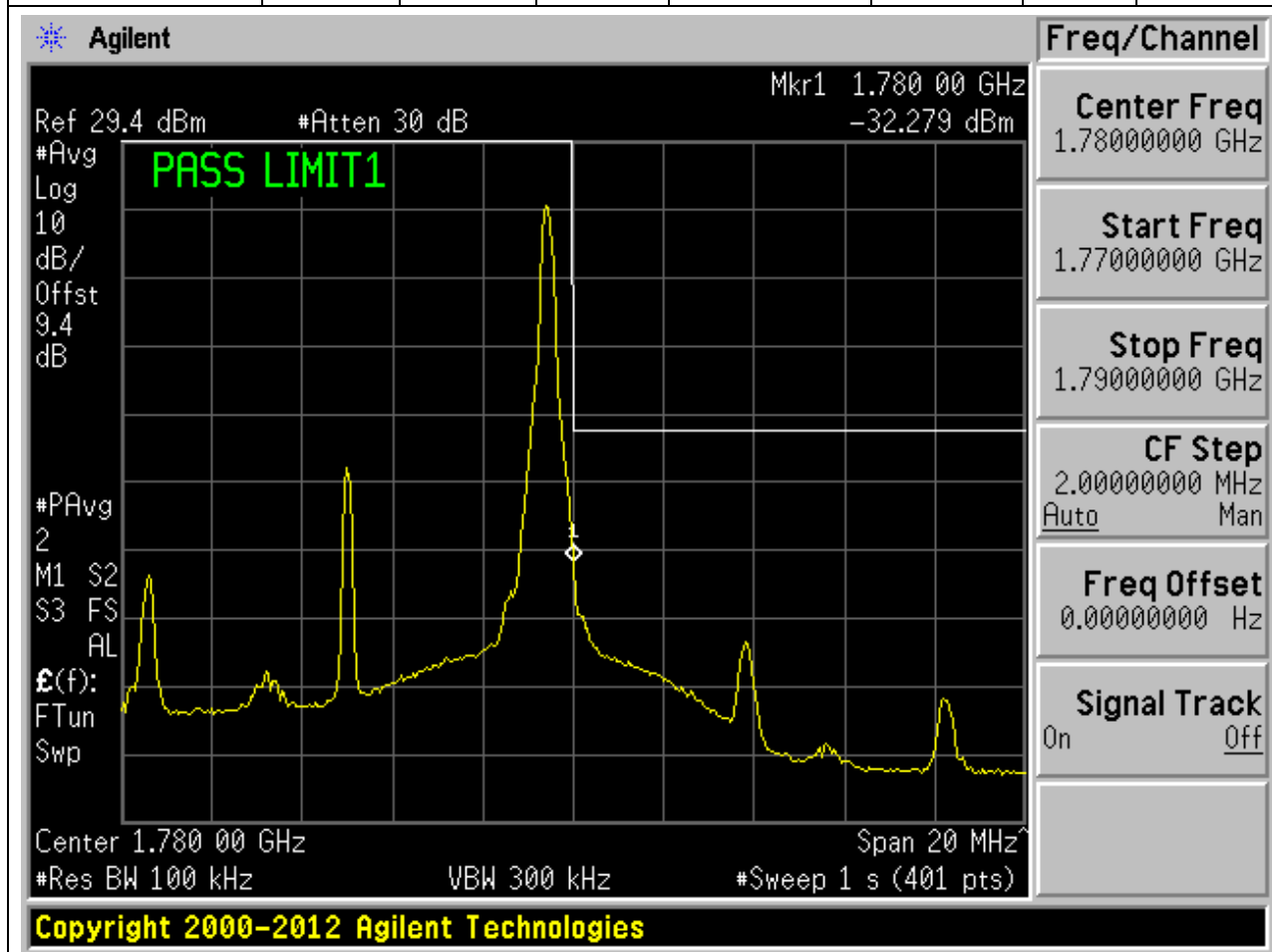
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1.31. LTE Band Edge(NTNV)(Subtest:31, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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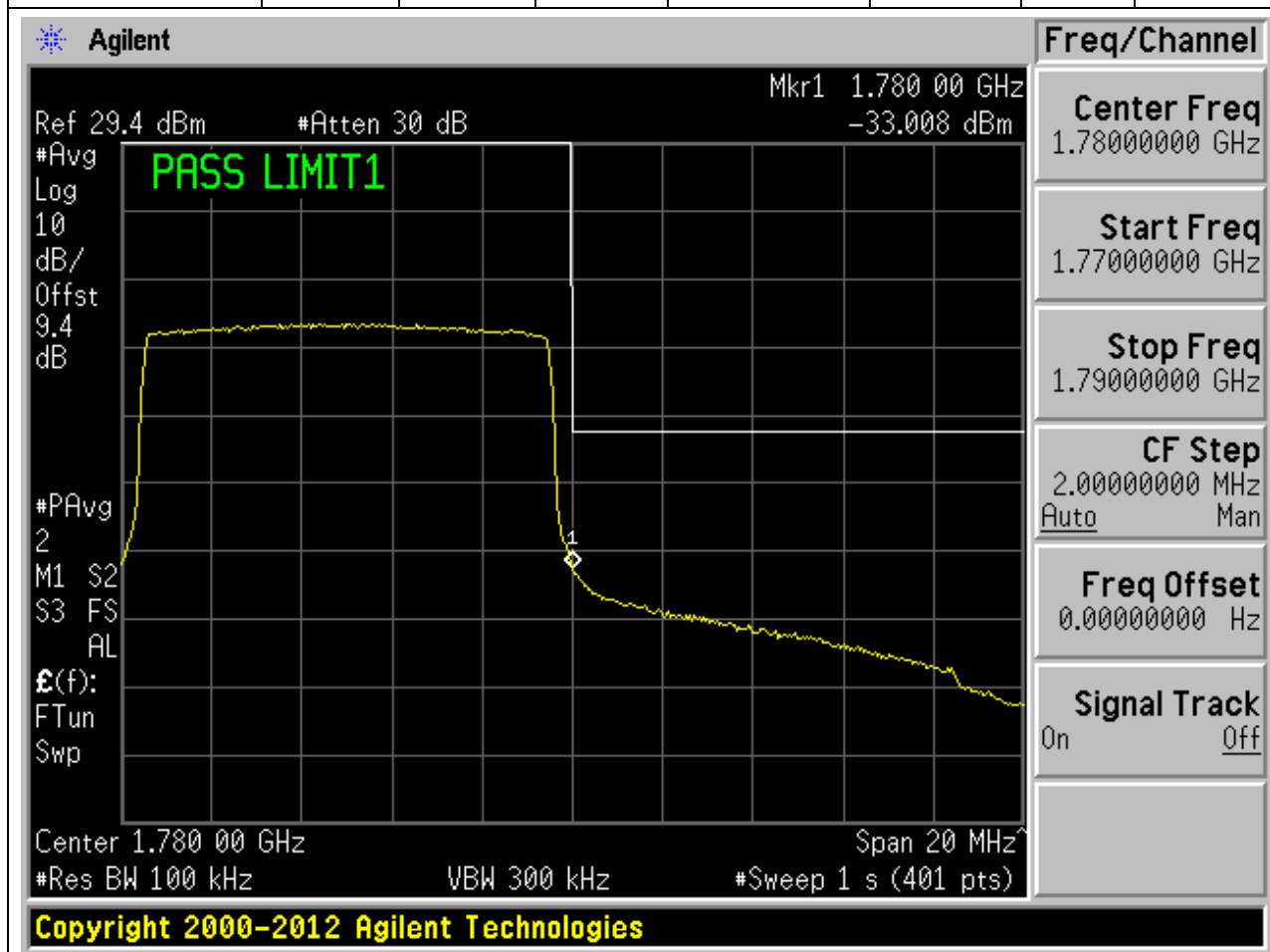
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1.32. LTE Band Edge(NTNV)(Subtest:32, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 50, RB Position:HIGH)

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



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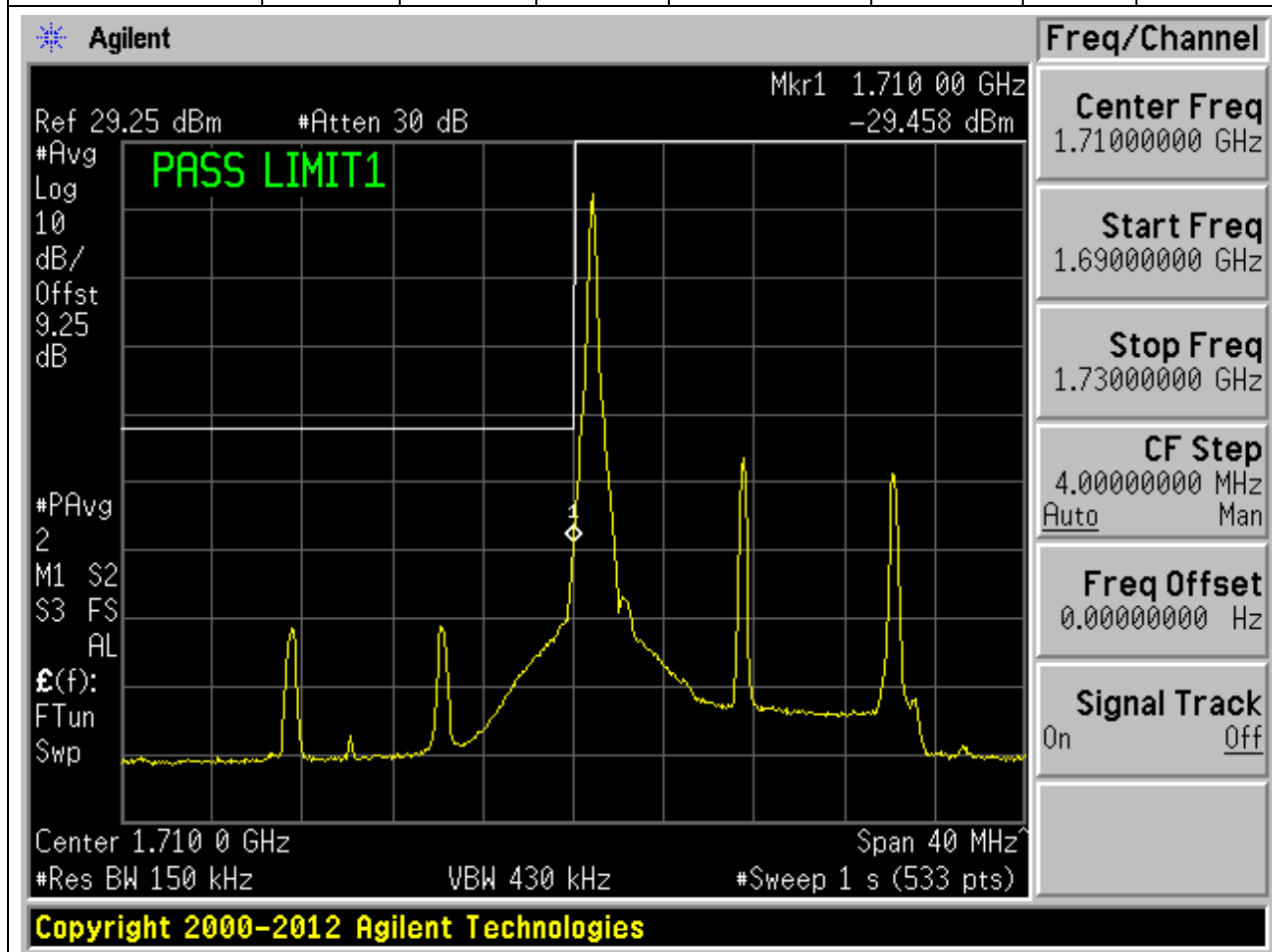
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1.33. LTE Band Edge(NTNV)(Subtest:33, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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



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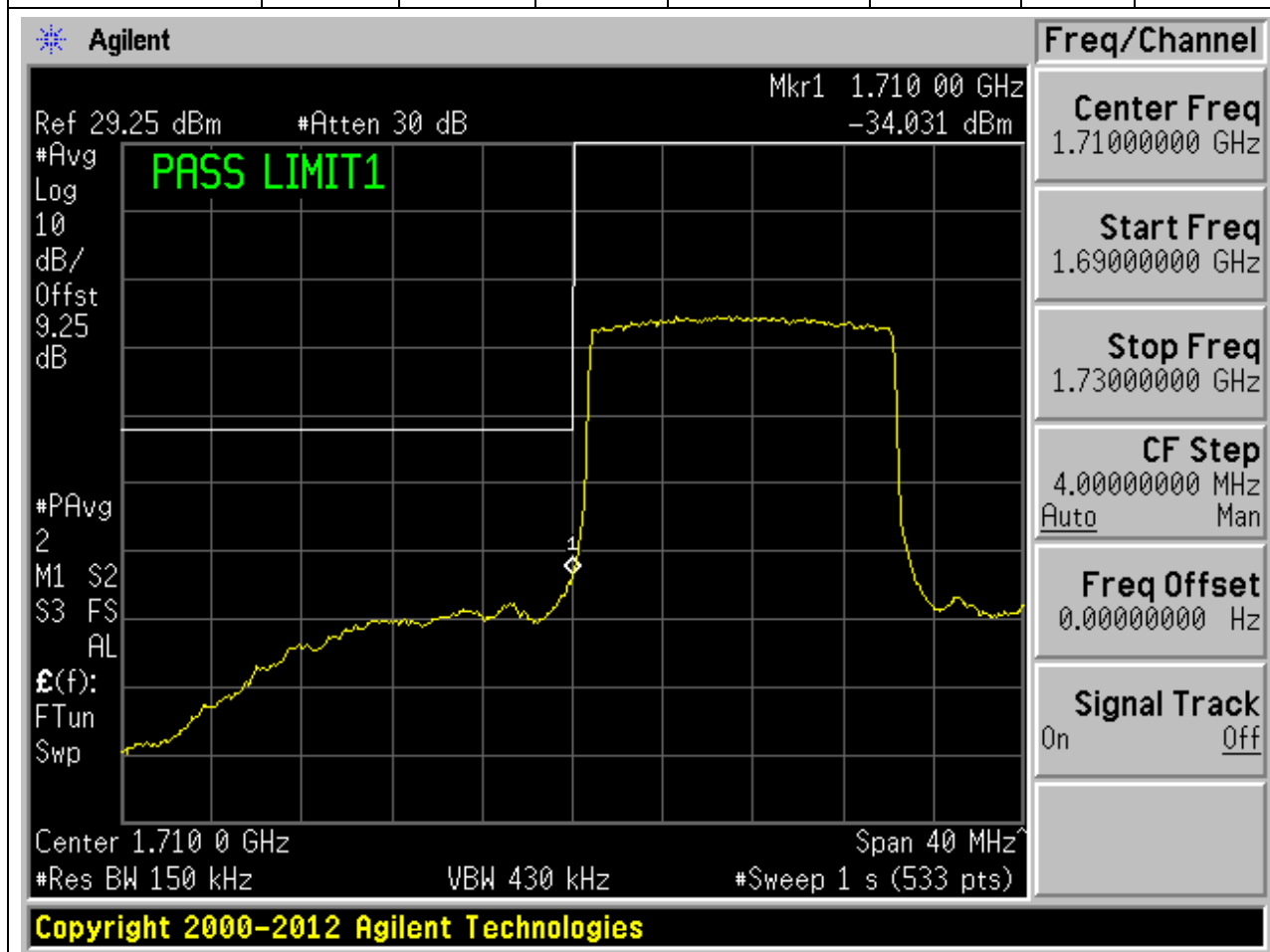
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1.34. LTE Band Edge(NTNV)(Subtest:34, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:LOW)

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



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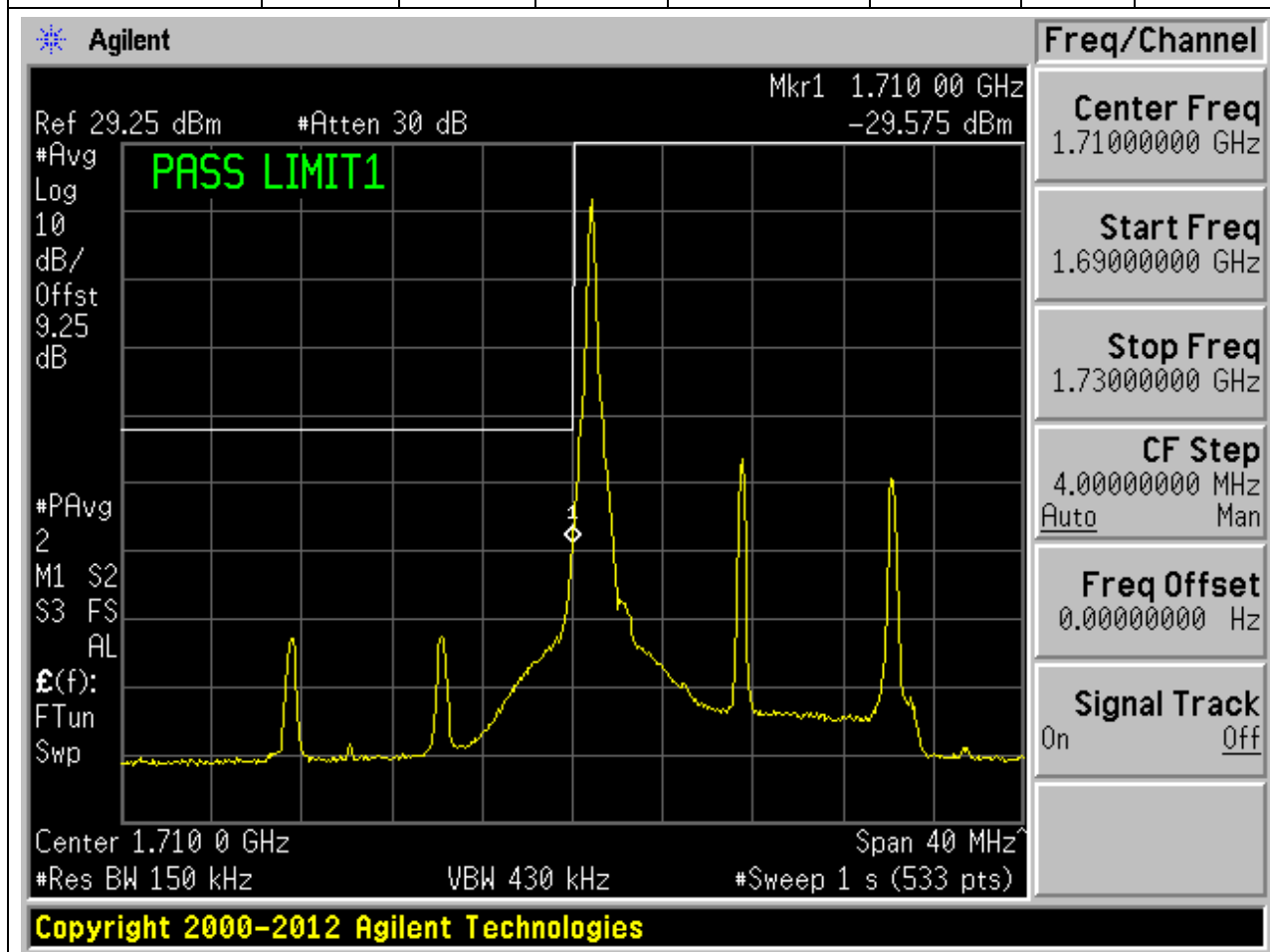
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1.35. LTE Band Edge(NTNV)(Subtest:35, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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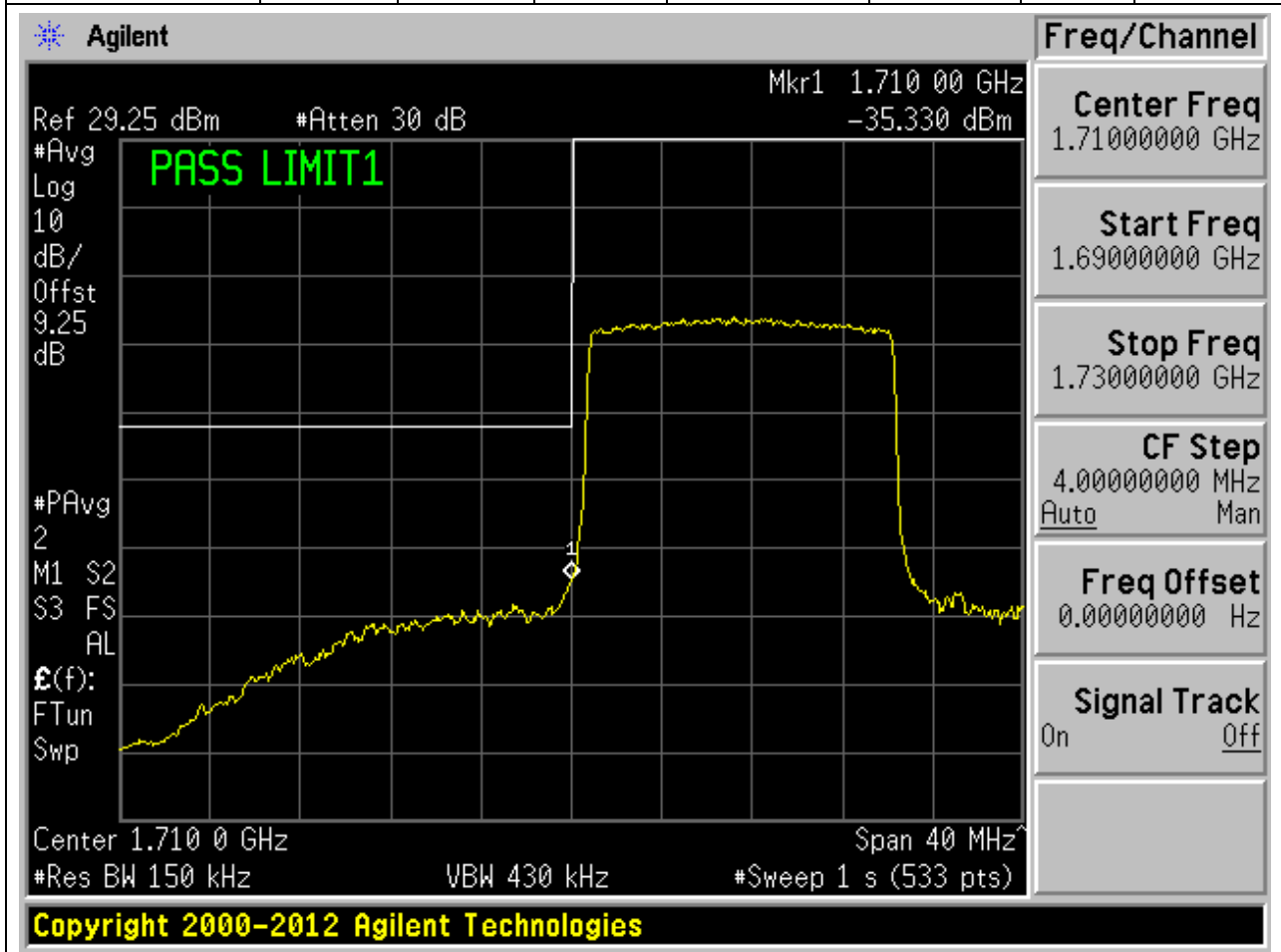
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1.36. LTE Band Edge(NTNV)(Subtest:36, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:LOW)

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



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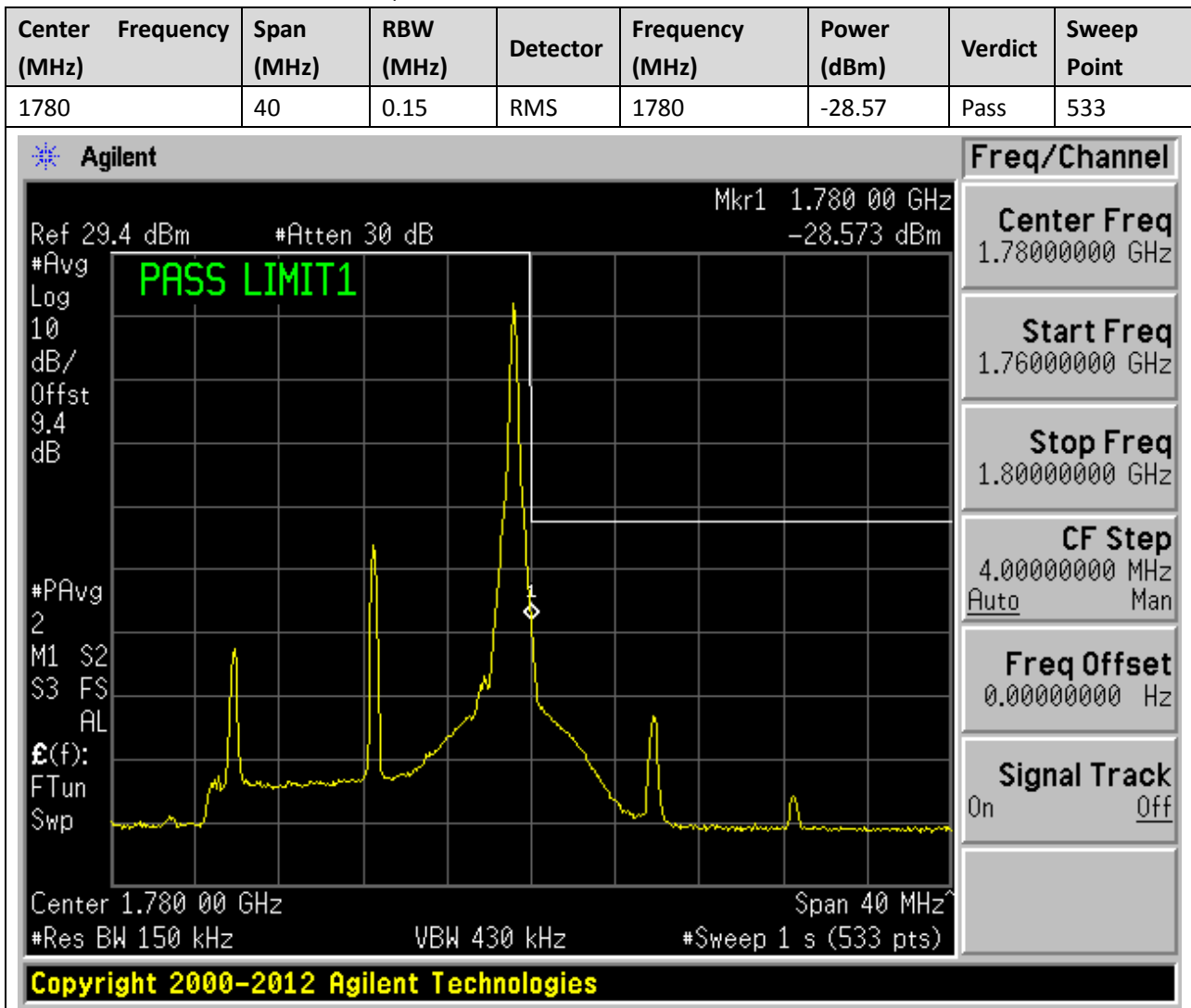
2/F., Building 1 and 1-2/F., Building 2, Jiaquan Building, Guanlan High-Tech Park, Longhua District, Shenzhen, Guangdong, China

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Fax: (86)755-27521011 [Http://www.sz-ctc.org.cn](http://www.sz-ctc.org.cn)

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



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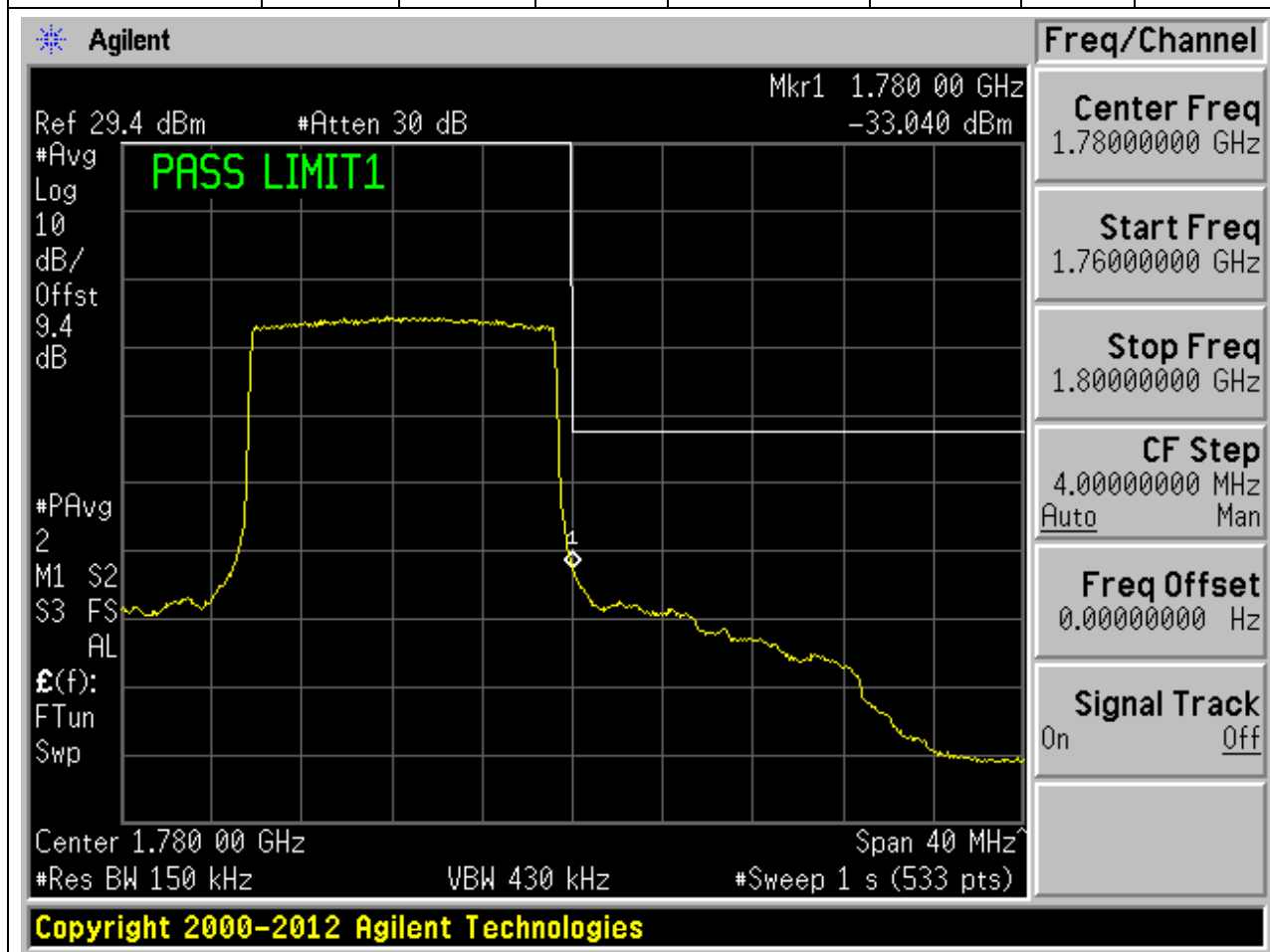
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1.38. LTE Band Edge(NTNV)(Subtest:38, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 75, RB Position:HIGH)

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



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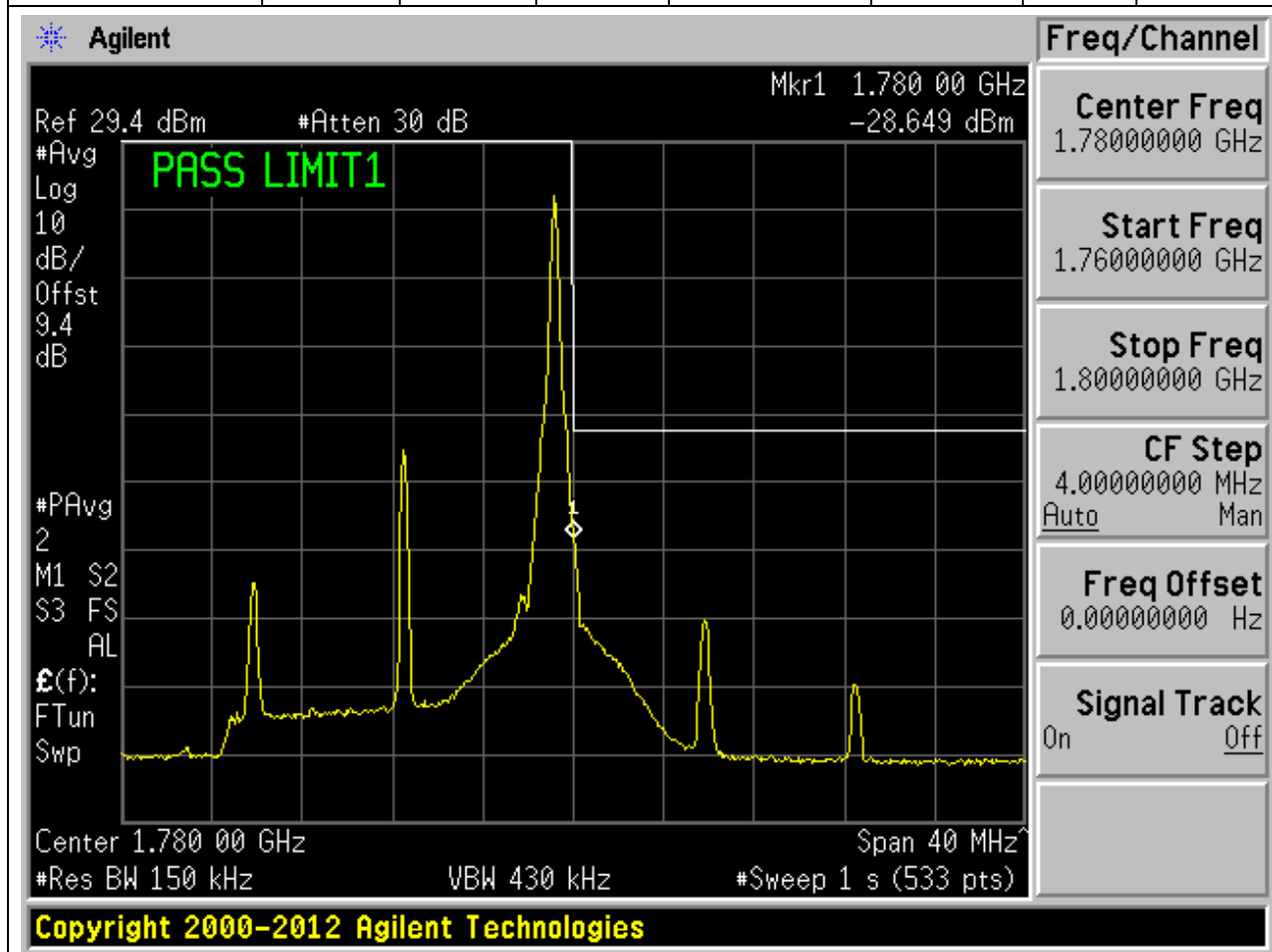
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1.39. LTE Band Edge(NTNV)(Subtest:39, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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



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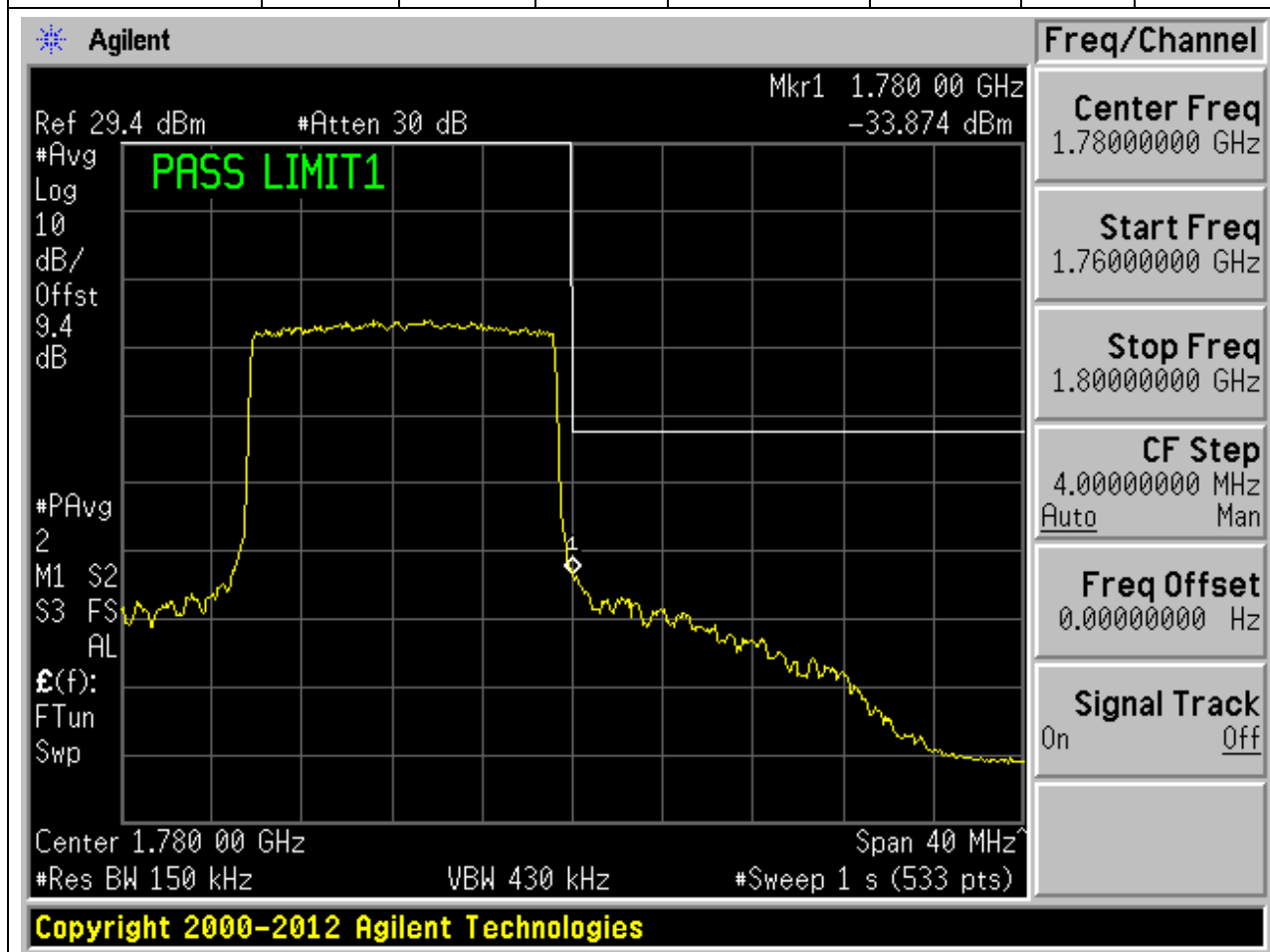
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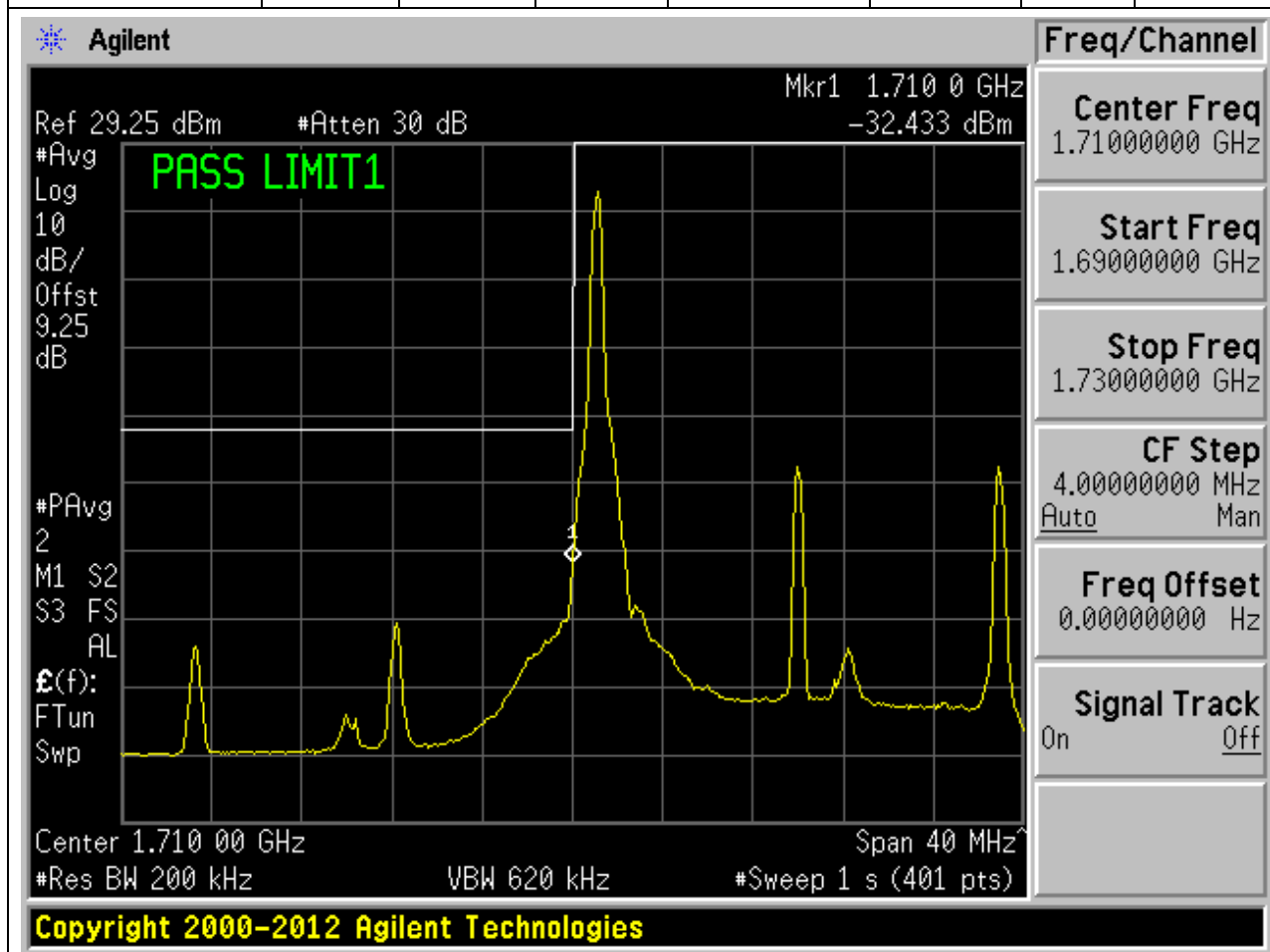
1.40. LTE Band Edge(NTNV)(Subtest:40, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 75, RB Position:HIGH)

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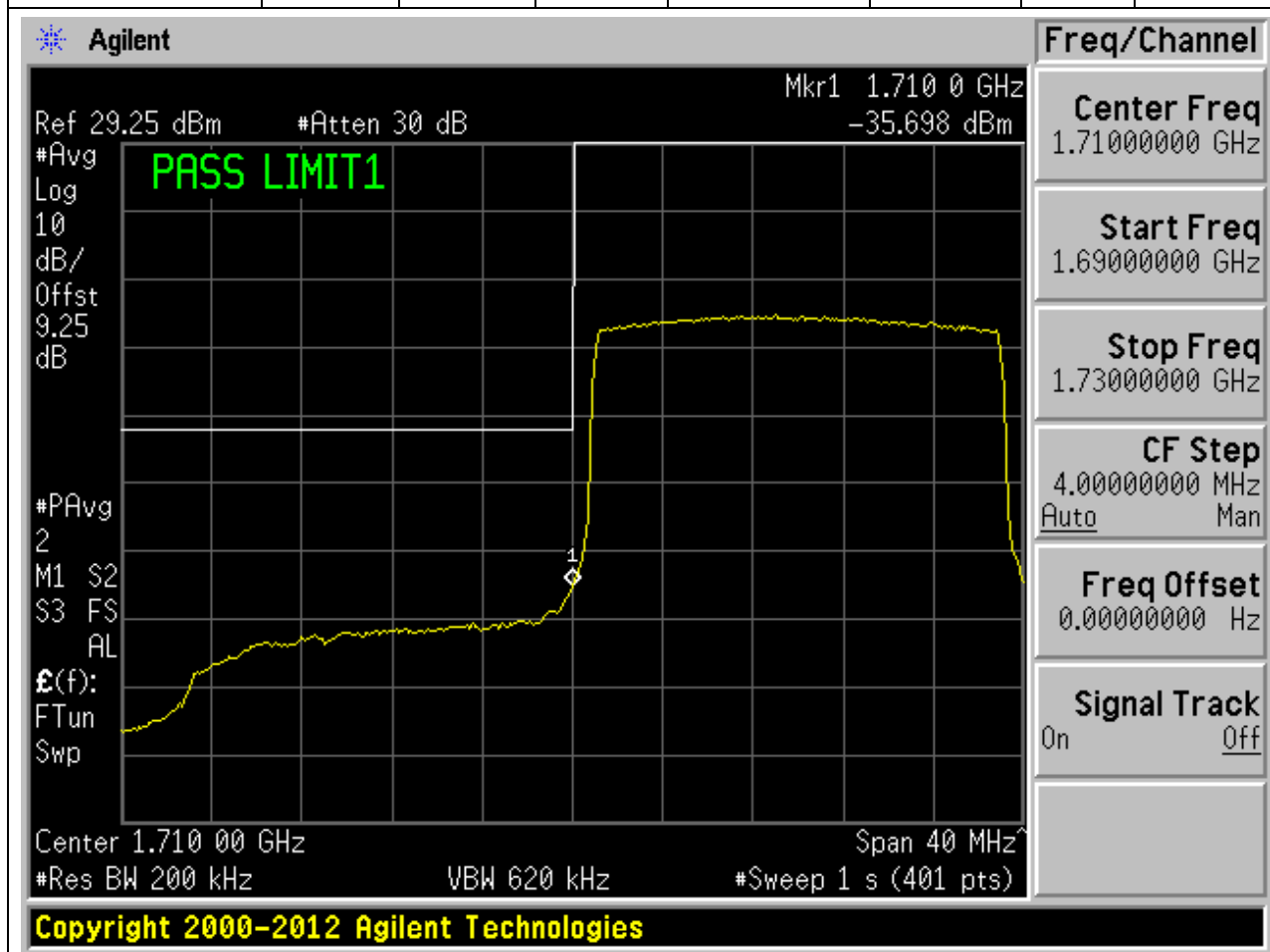
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1.42. LTE Band Edge(NTNV)(Subtest:42, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)

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



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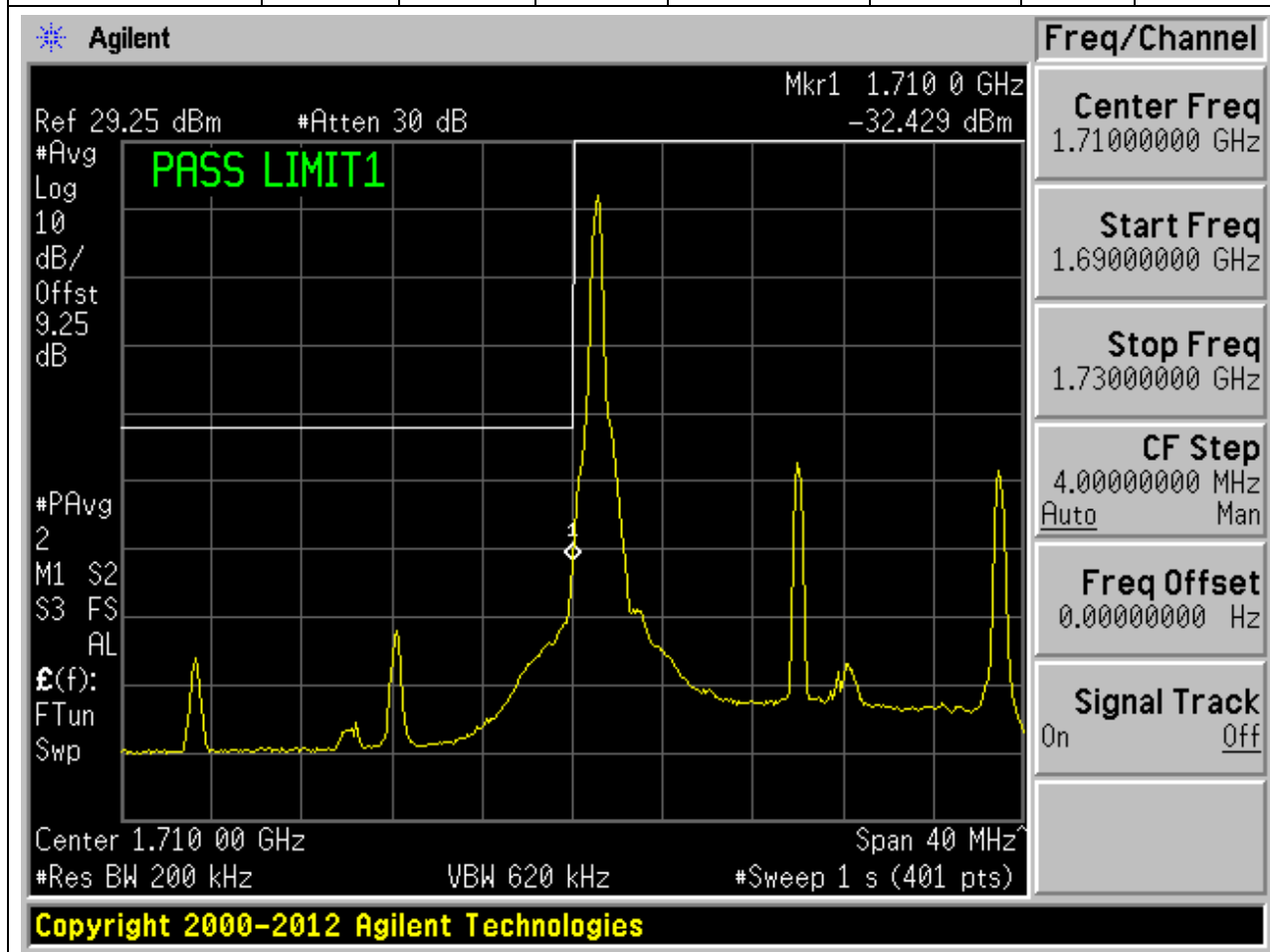
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1.43. LTE Band Edge(NTNV)(Subtest:43, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

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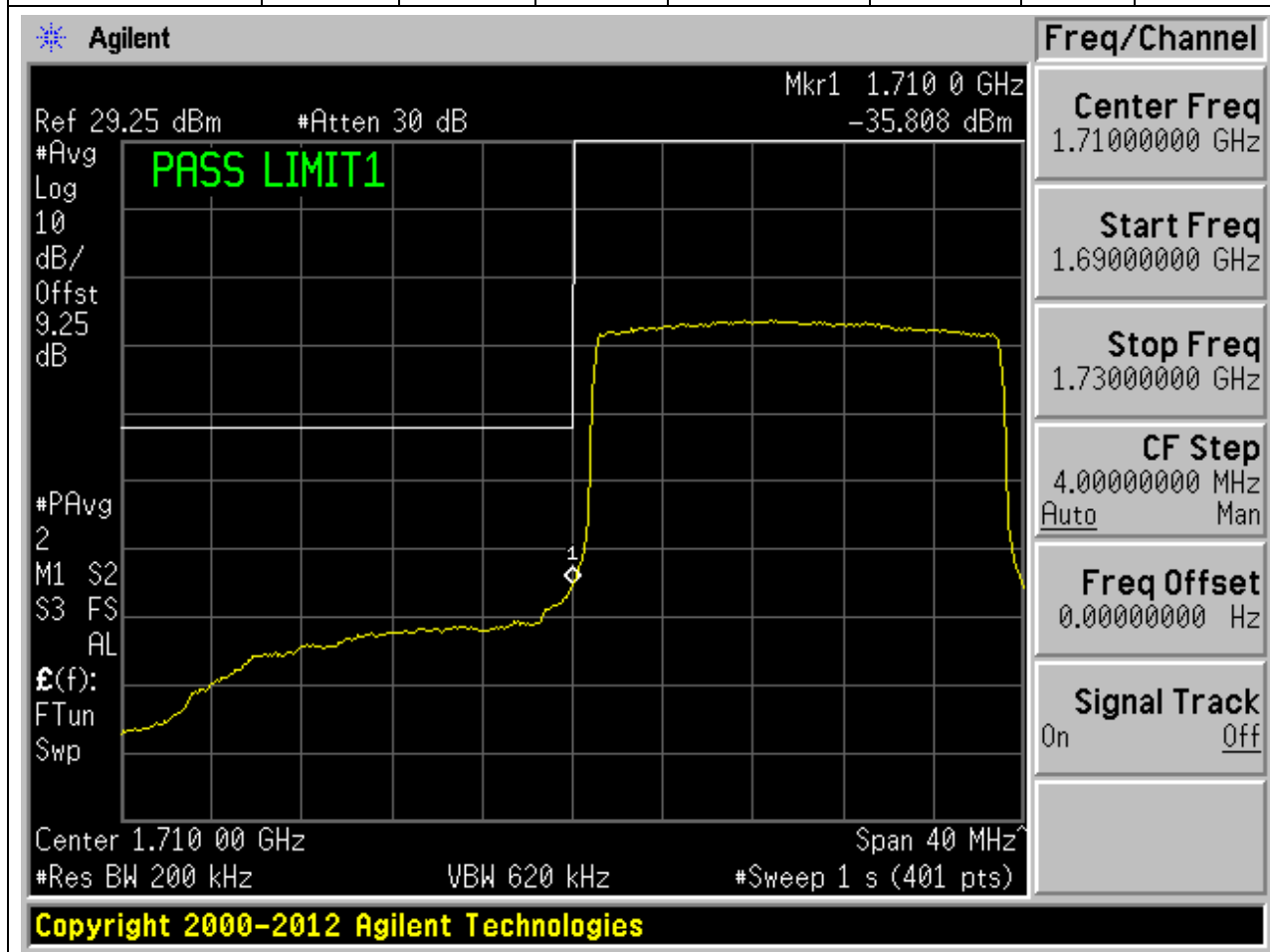
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1.44. LTE Band Edge(NTNV)(Subtest:44, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

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



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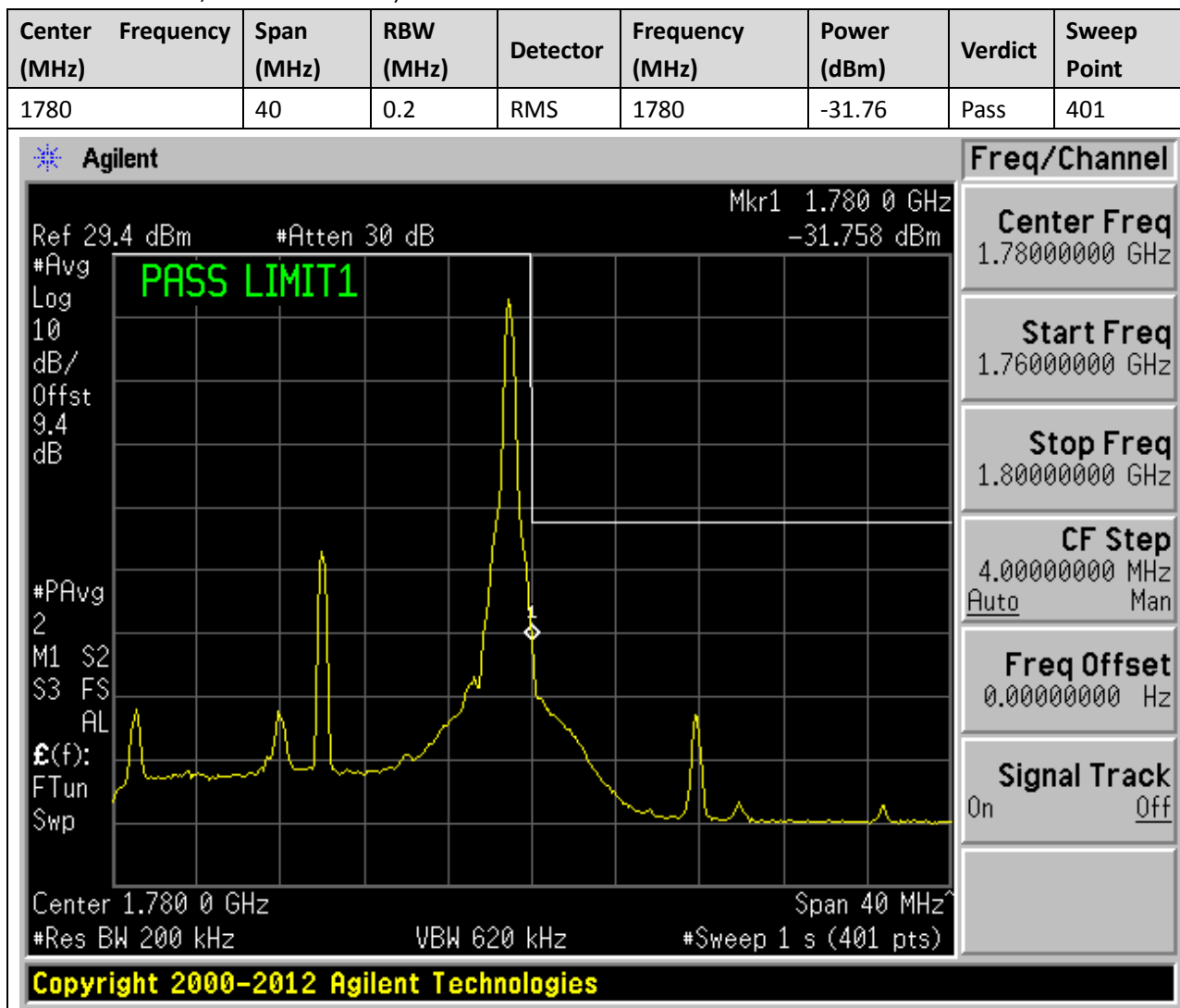
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1.45. LTE Band Edge(NTNV)(Subtest:45, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:HIGH)



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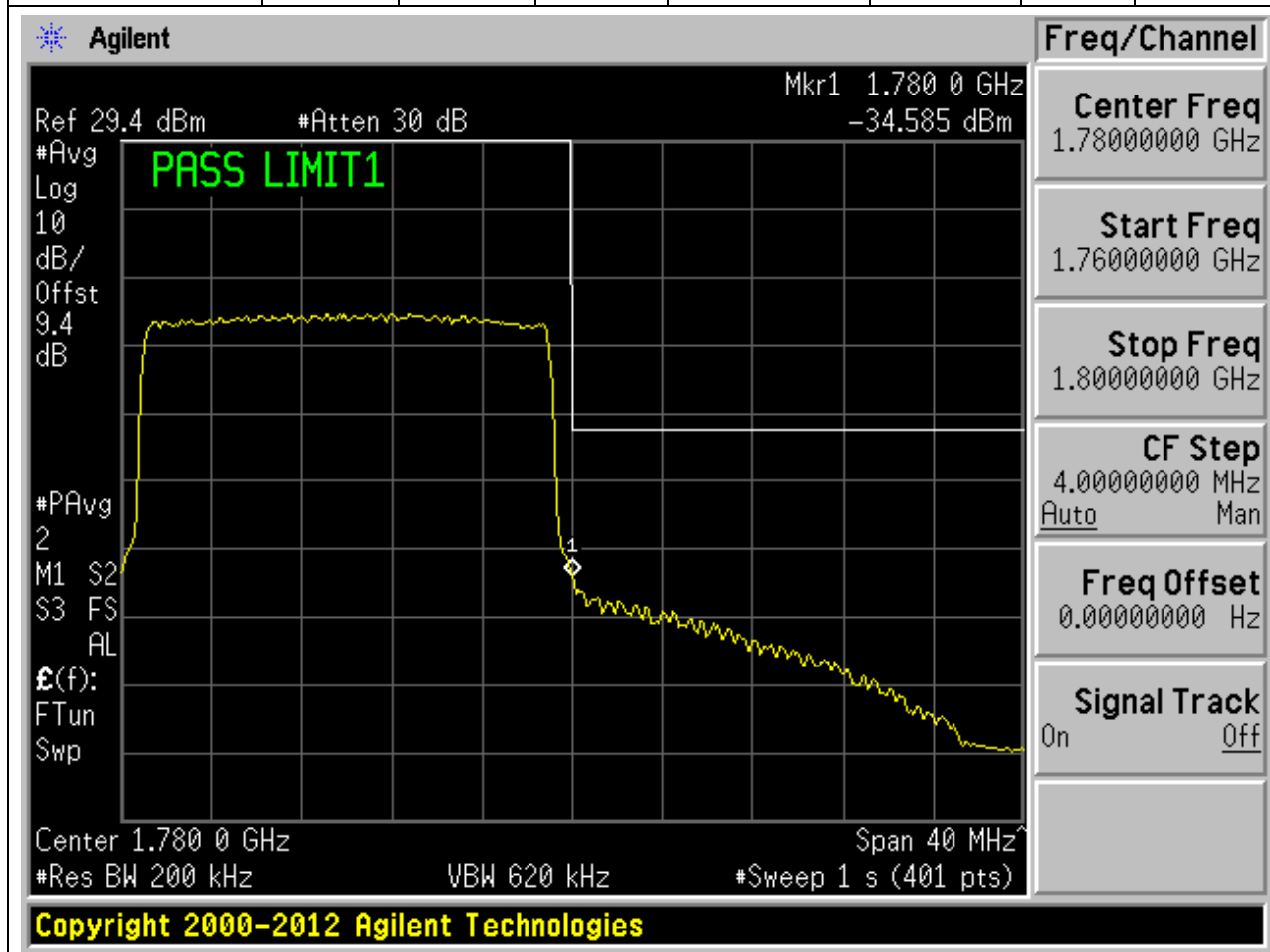
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1.46. LTE Band Edge(NTNV)(Subtest:46, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:HIGH)

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



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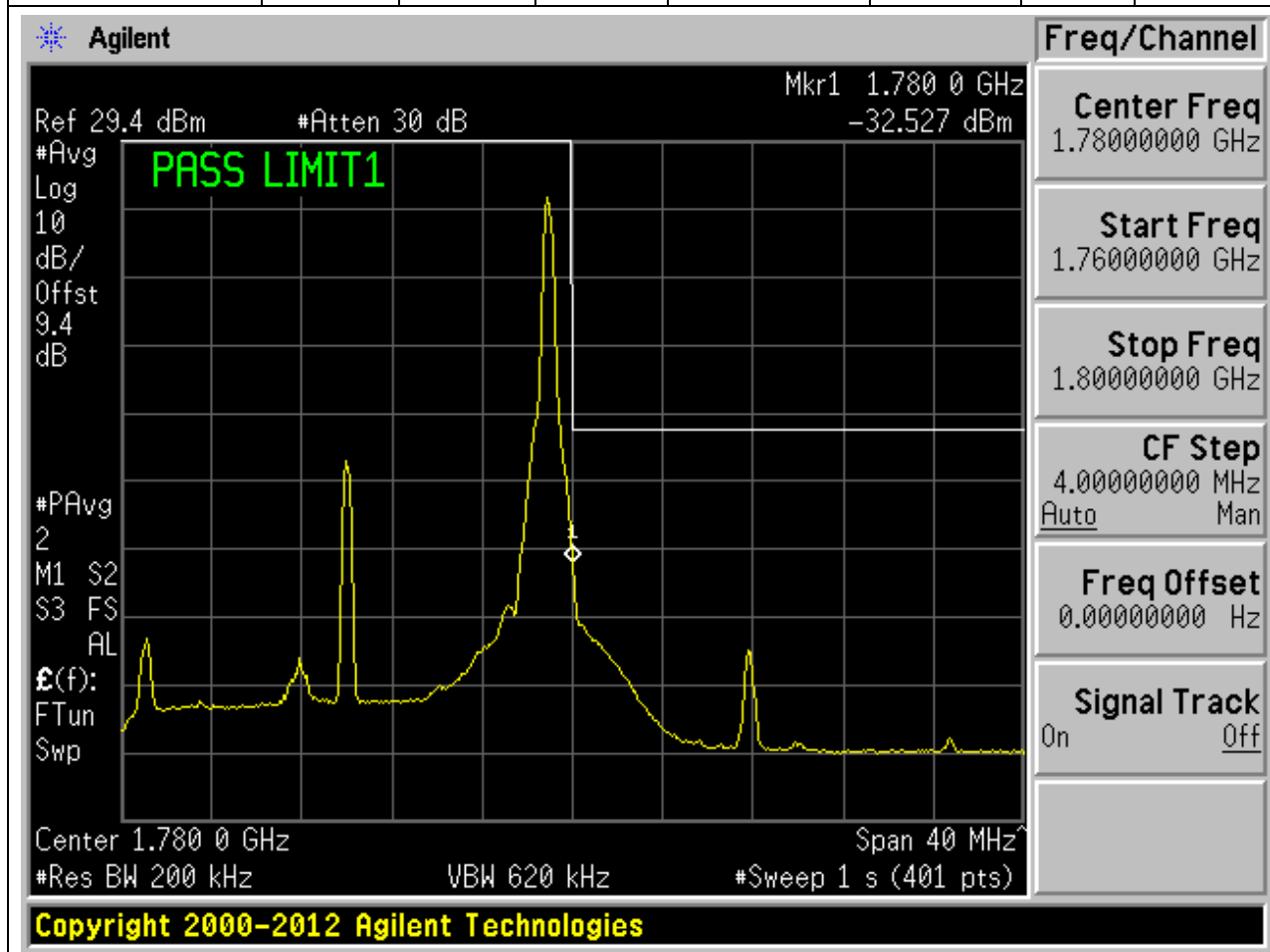
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1.47. LTE Band Edge(NTNV)(Subtest:47, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:HIGH)

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



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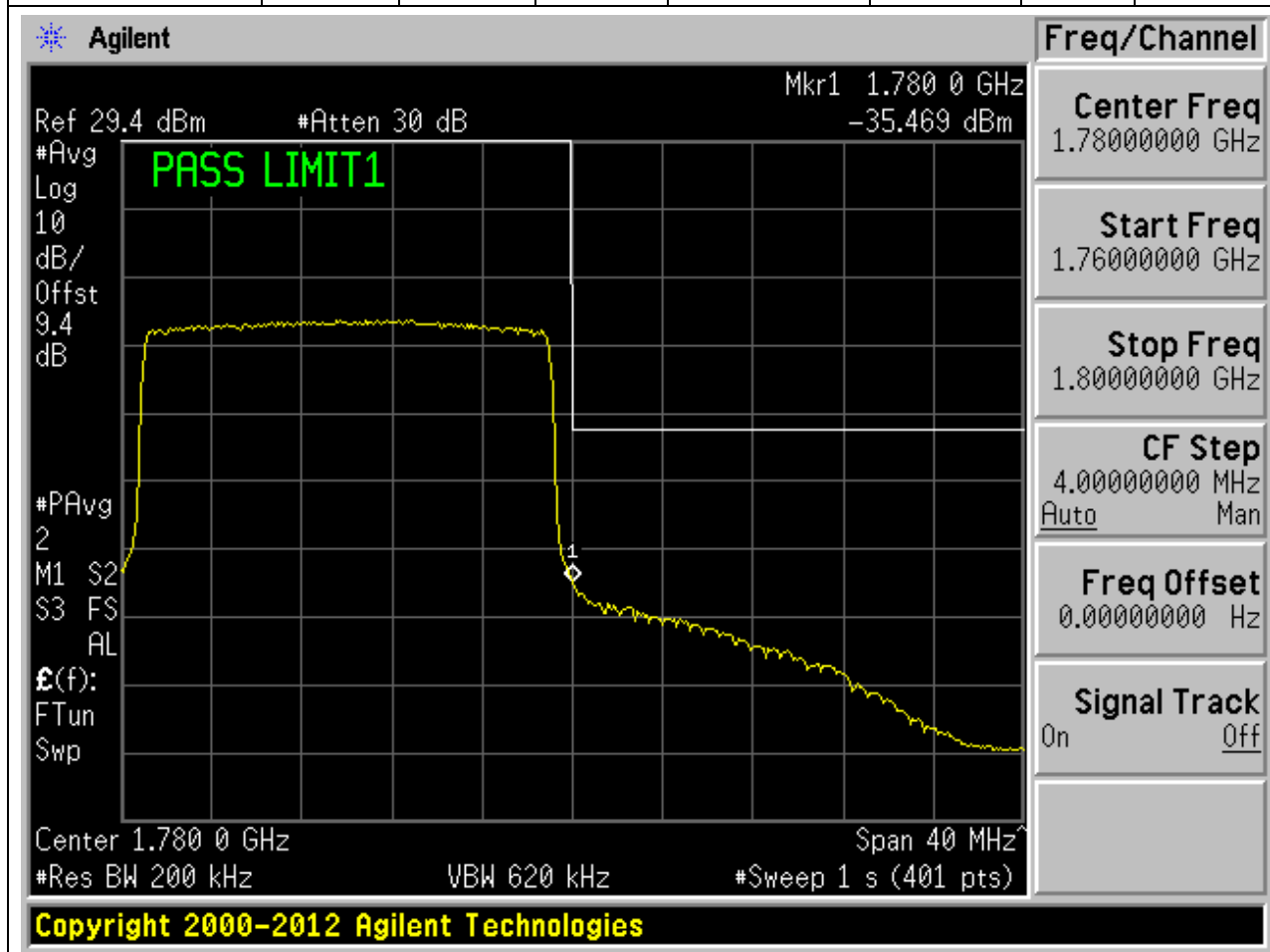
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1.48. LTE Band Edge(NTNV)(Subtest:48, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:HIGH)

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



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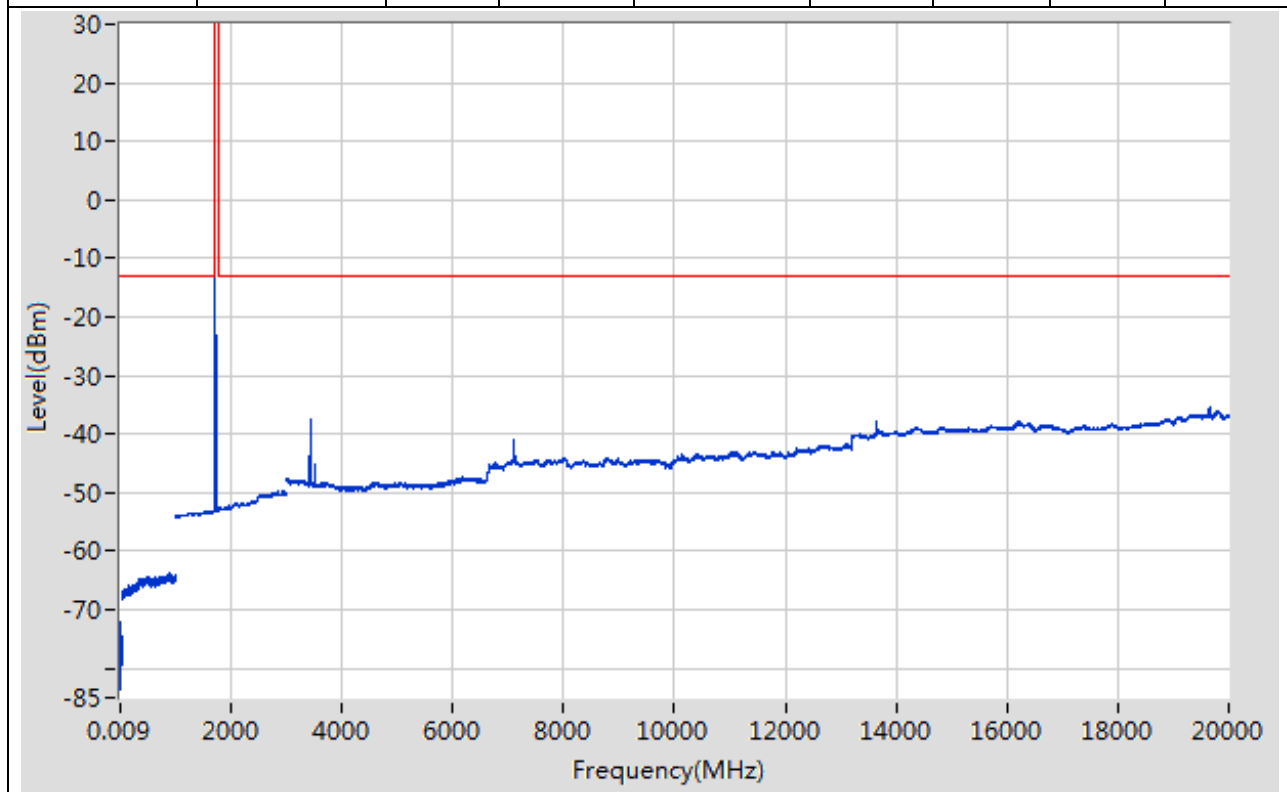
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Appendix E: Conducted Spurious Emission

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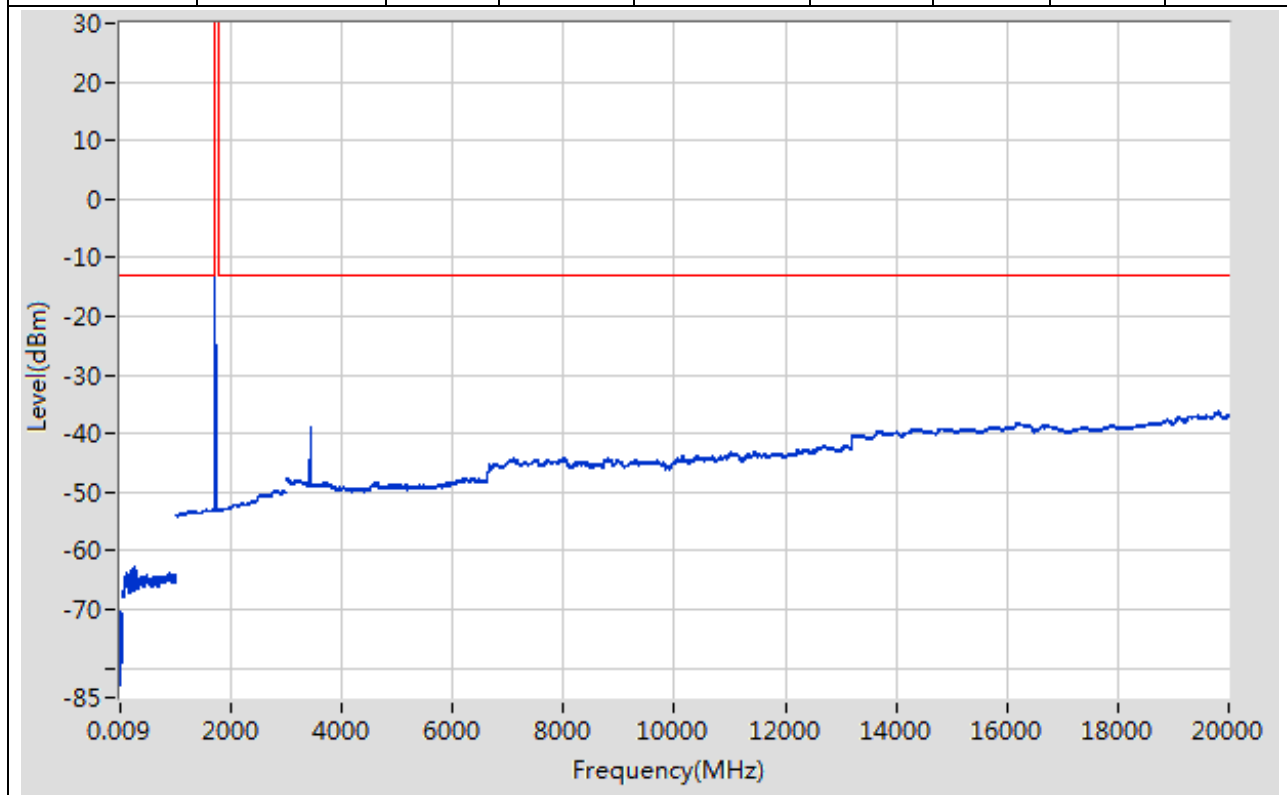
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1.2. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:14, Channel:131997, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

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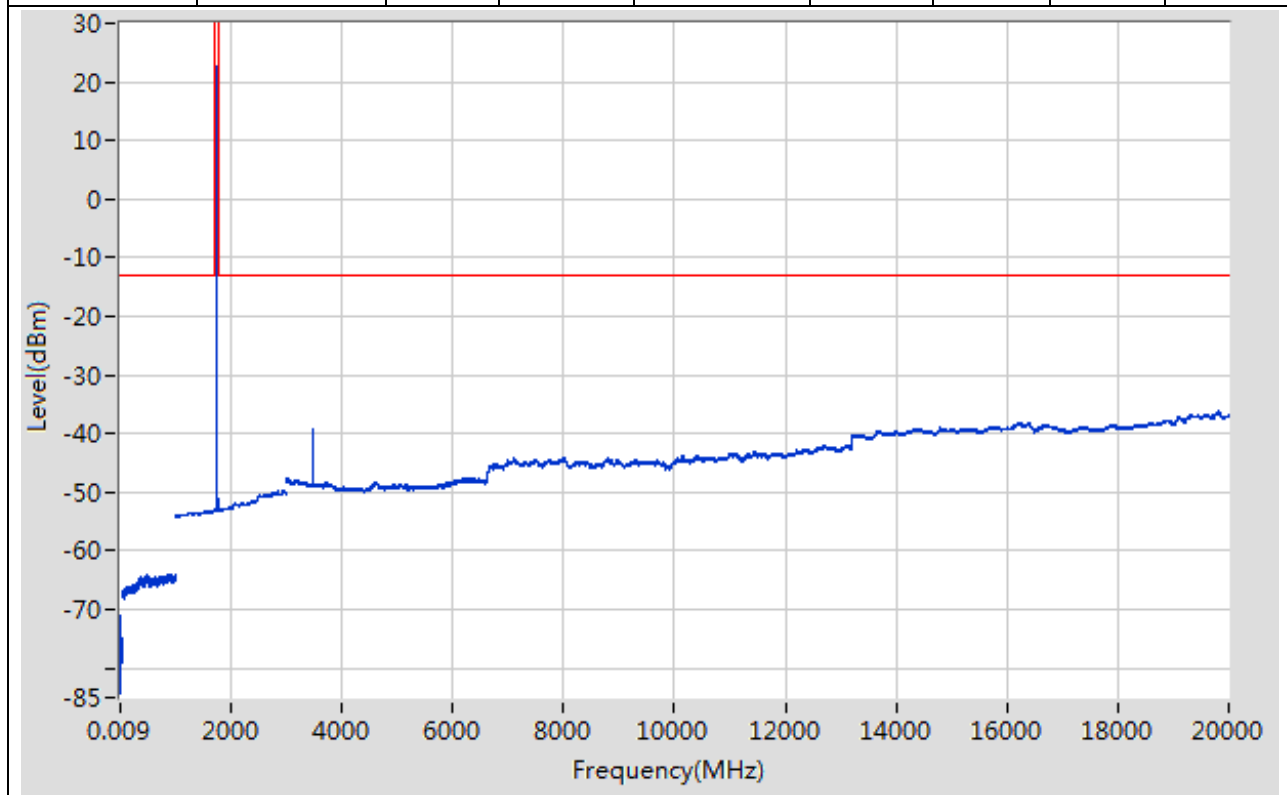
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1.3. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:15, Channel:132322, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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



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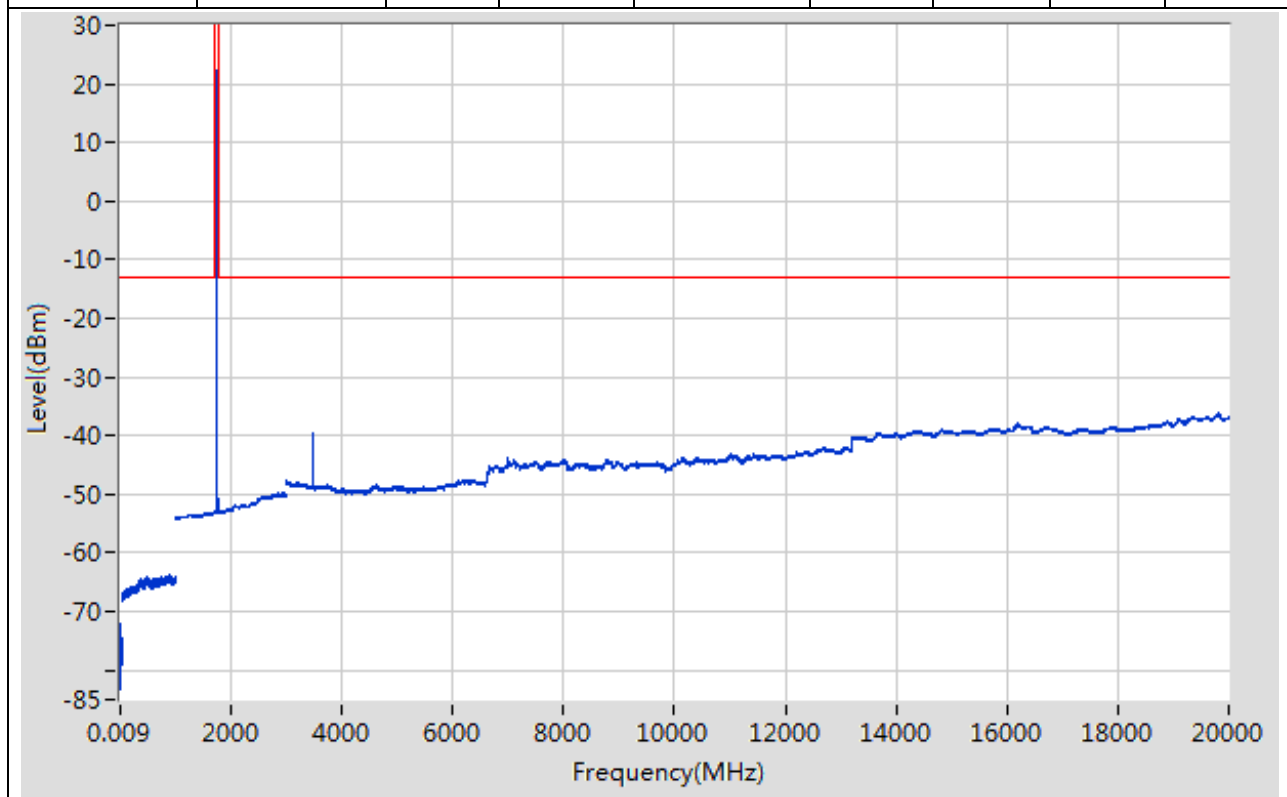
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1.4. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:16, Channel:132322, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

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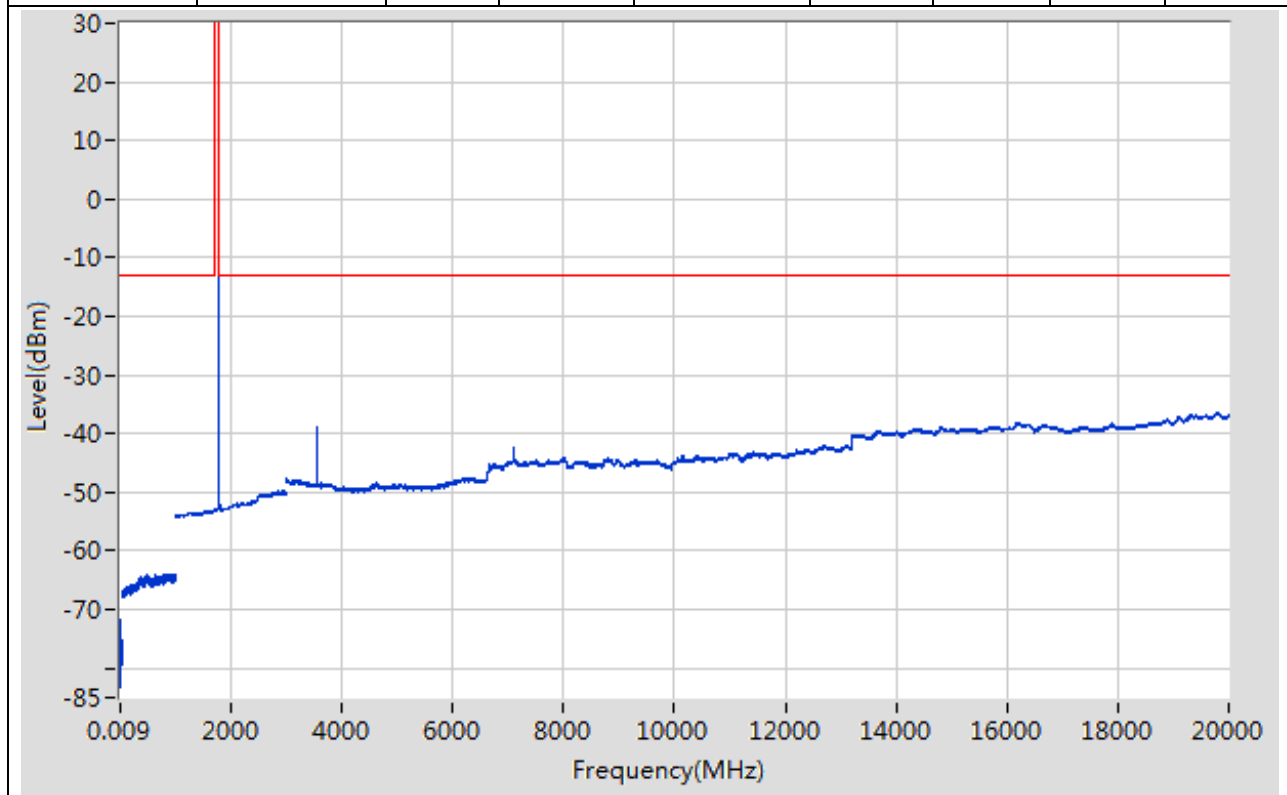
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1.5. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:17, Channel:132647, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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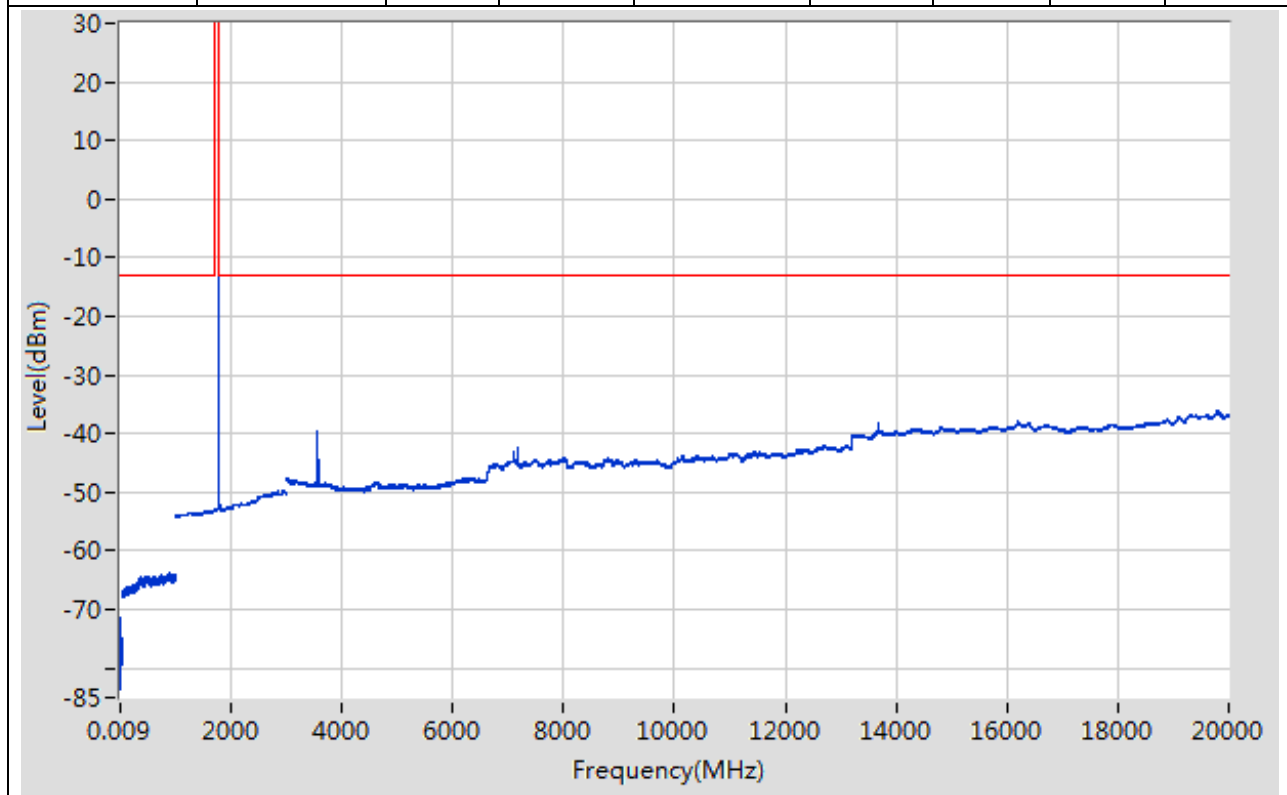
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1.6. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:18, Channel:132647, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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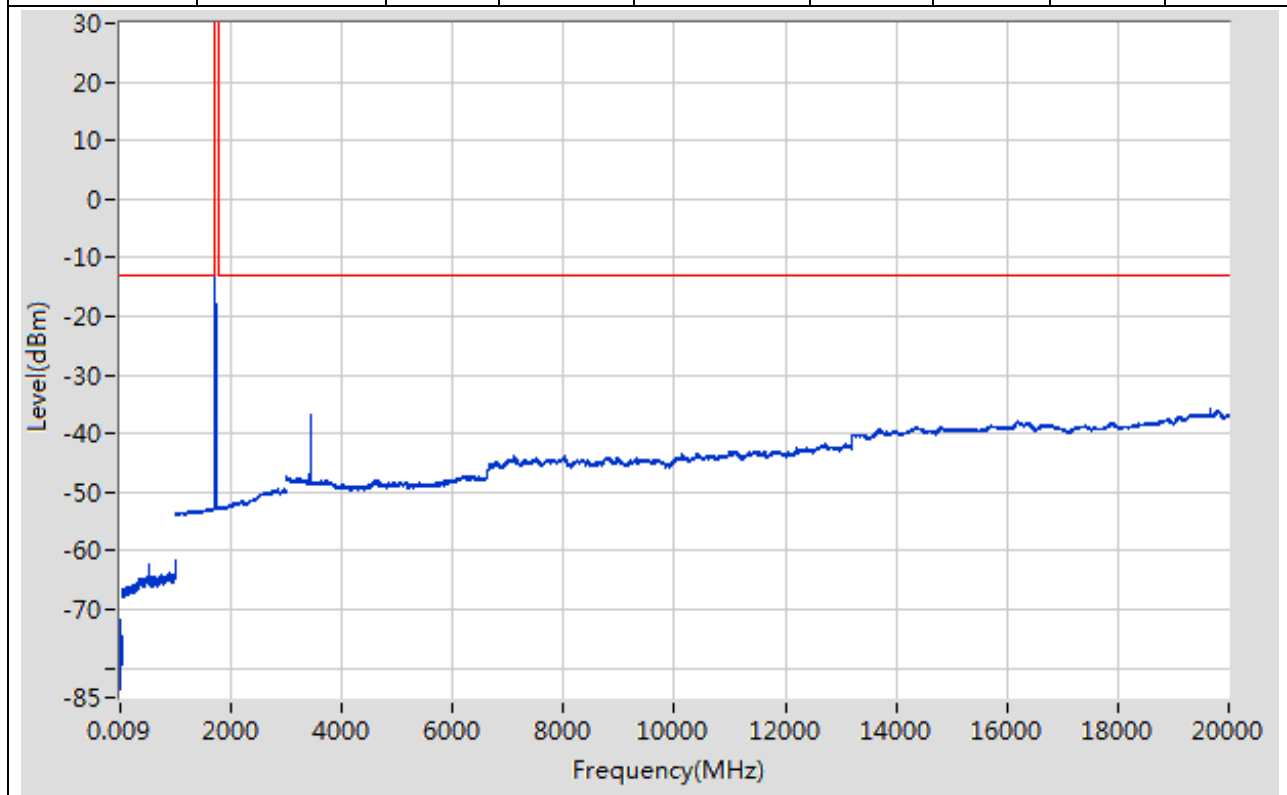
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1.7. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:19, Channel:132022, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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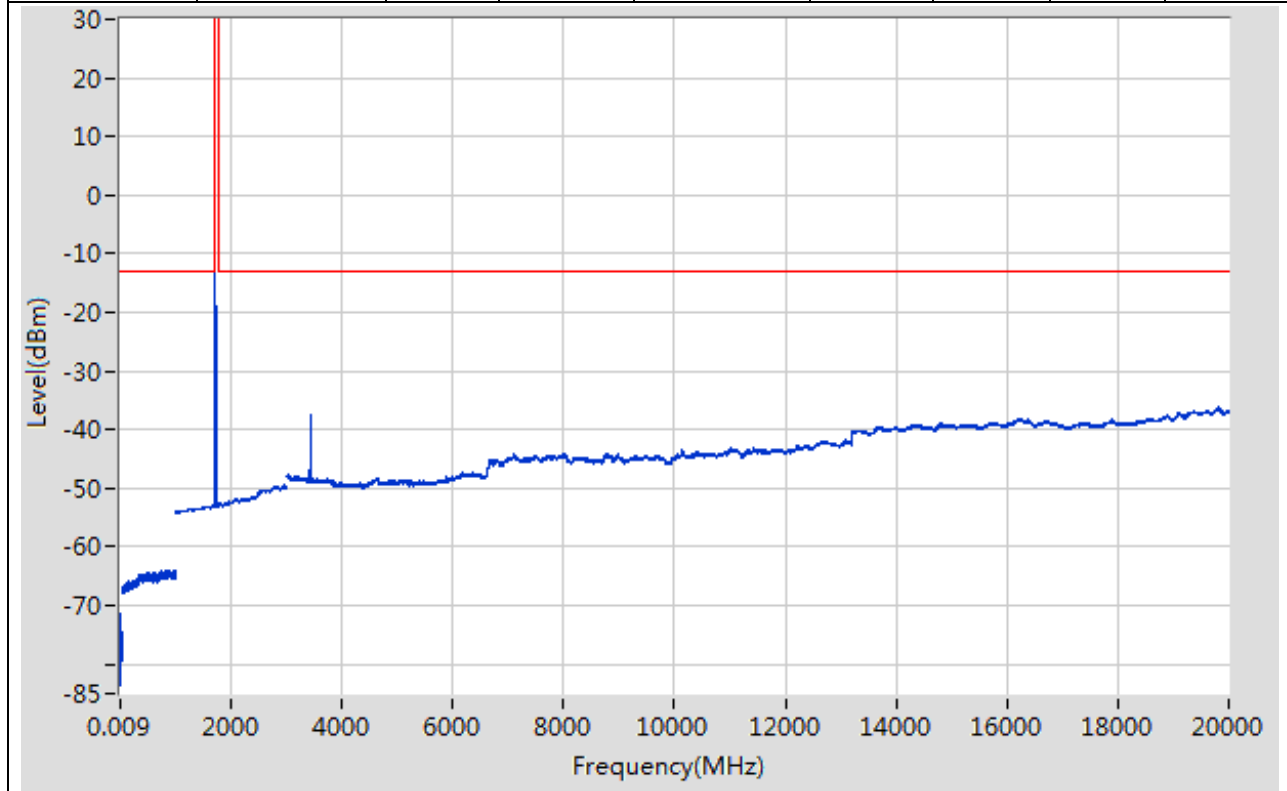
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1.8. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:20, Channel:132022, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

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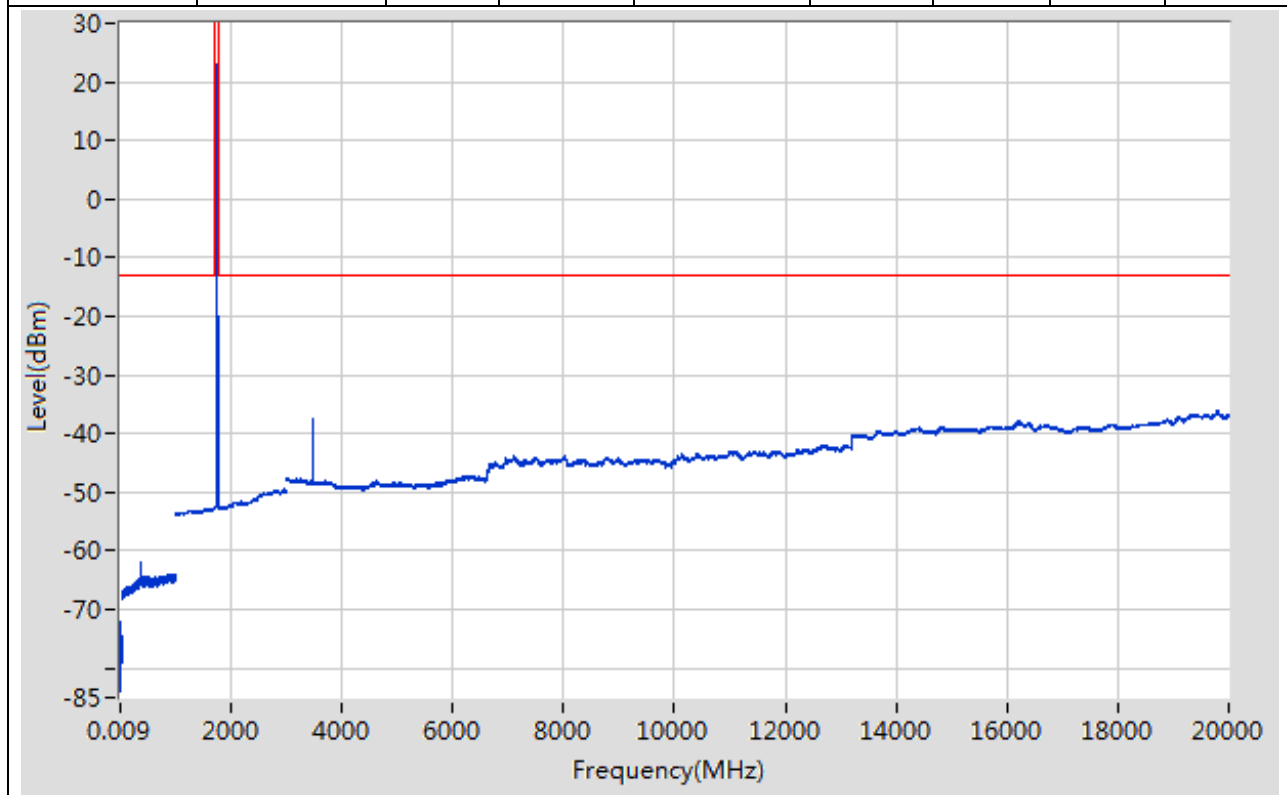
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1.9. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:21, Channel:132322, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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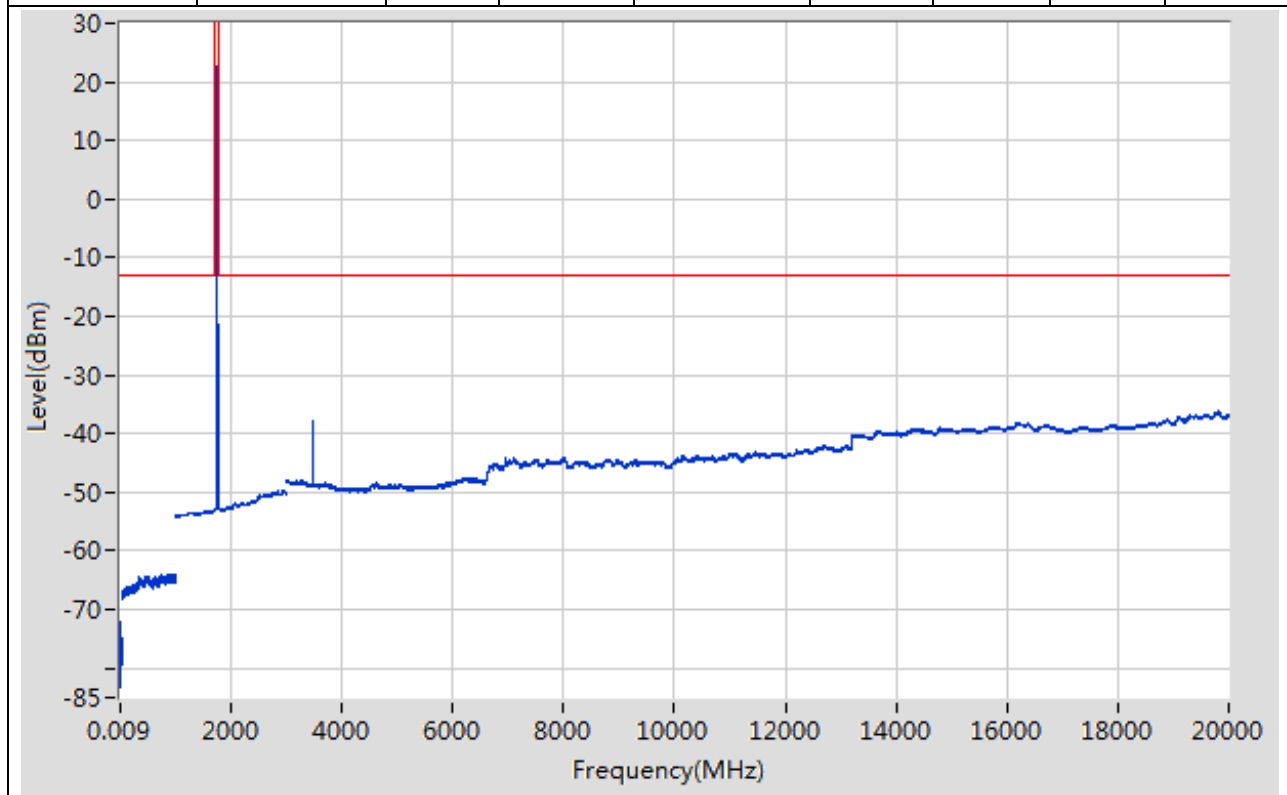
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1.10. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:22, Channel:132322, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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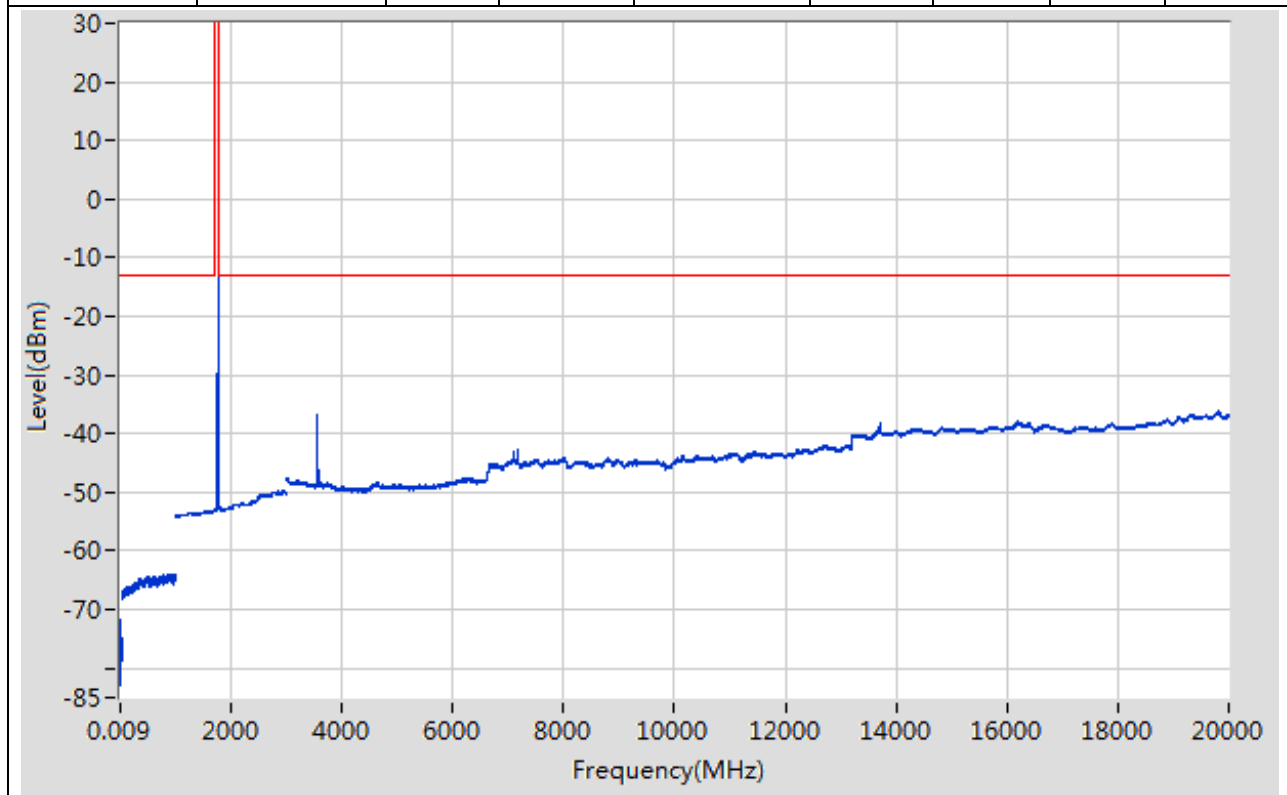
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1.11. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:23, Channel:132622, Bandwidth:10, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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



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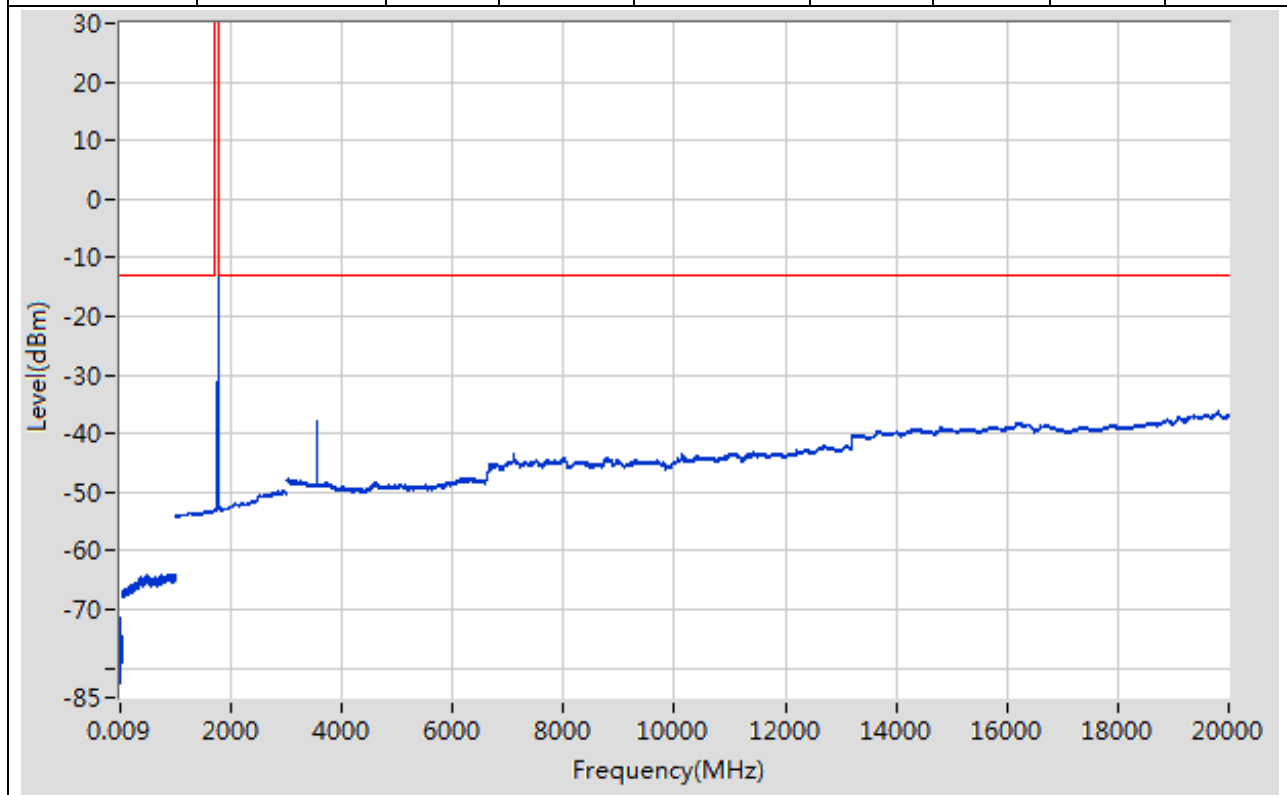
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1.12. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:24, Channel:132622, Bandwidth:10, Modulation:Q16, RB Number: 1, RB Position:LOW)

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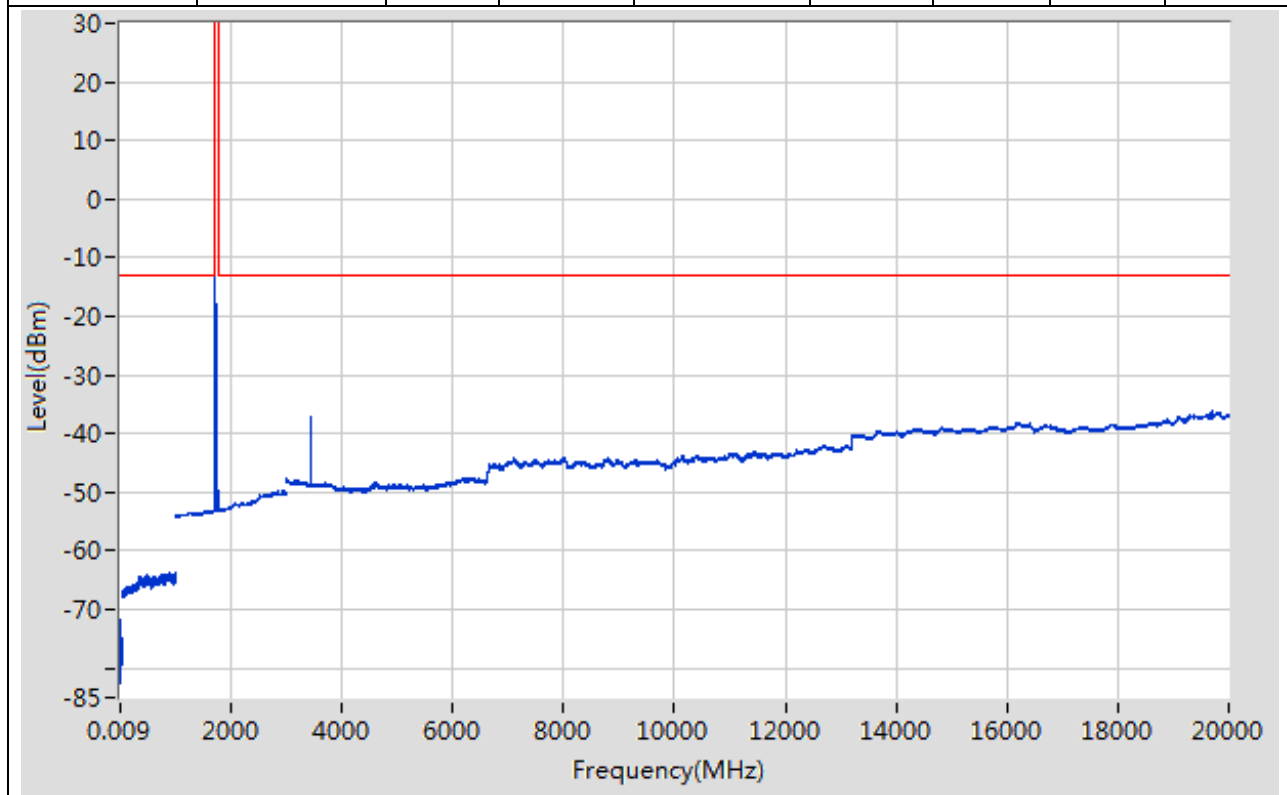
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1.13. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:25, Channel:132047, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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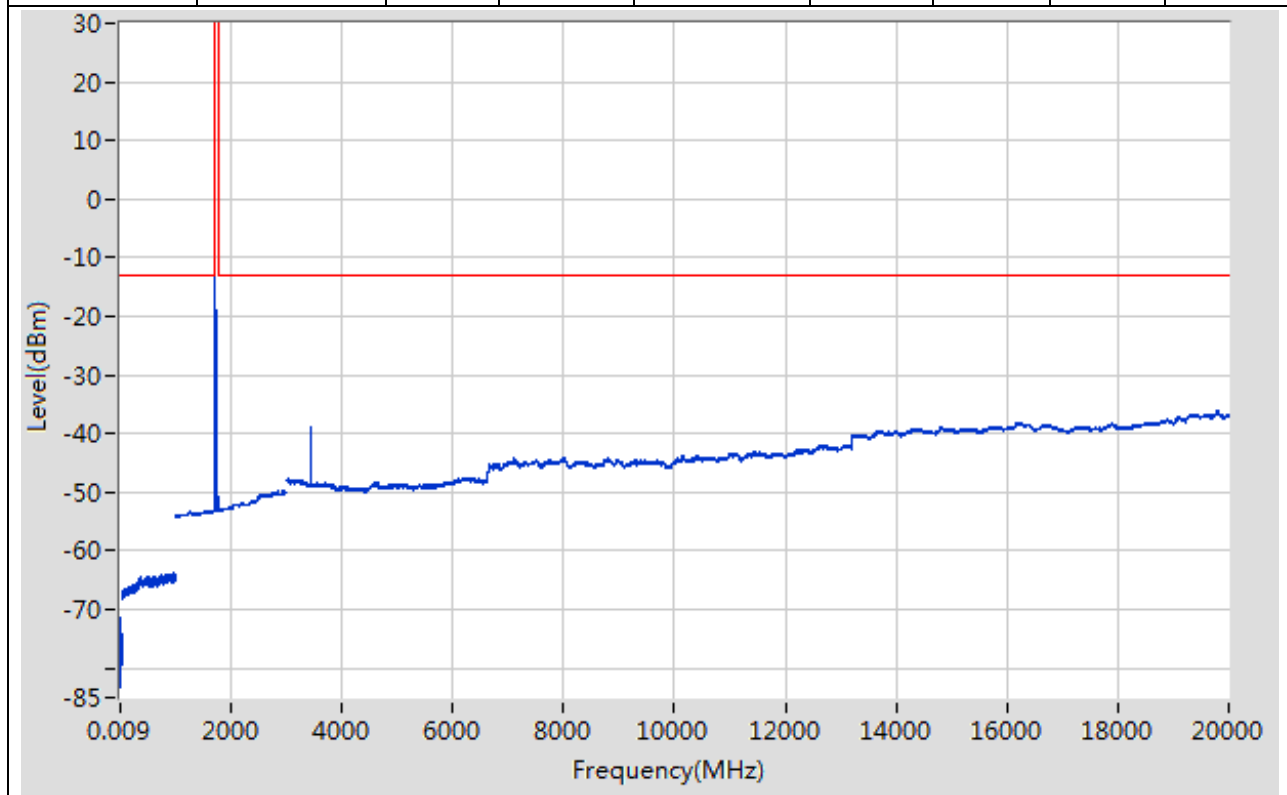
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1.14. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:26, Channel:132047, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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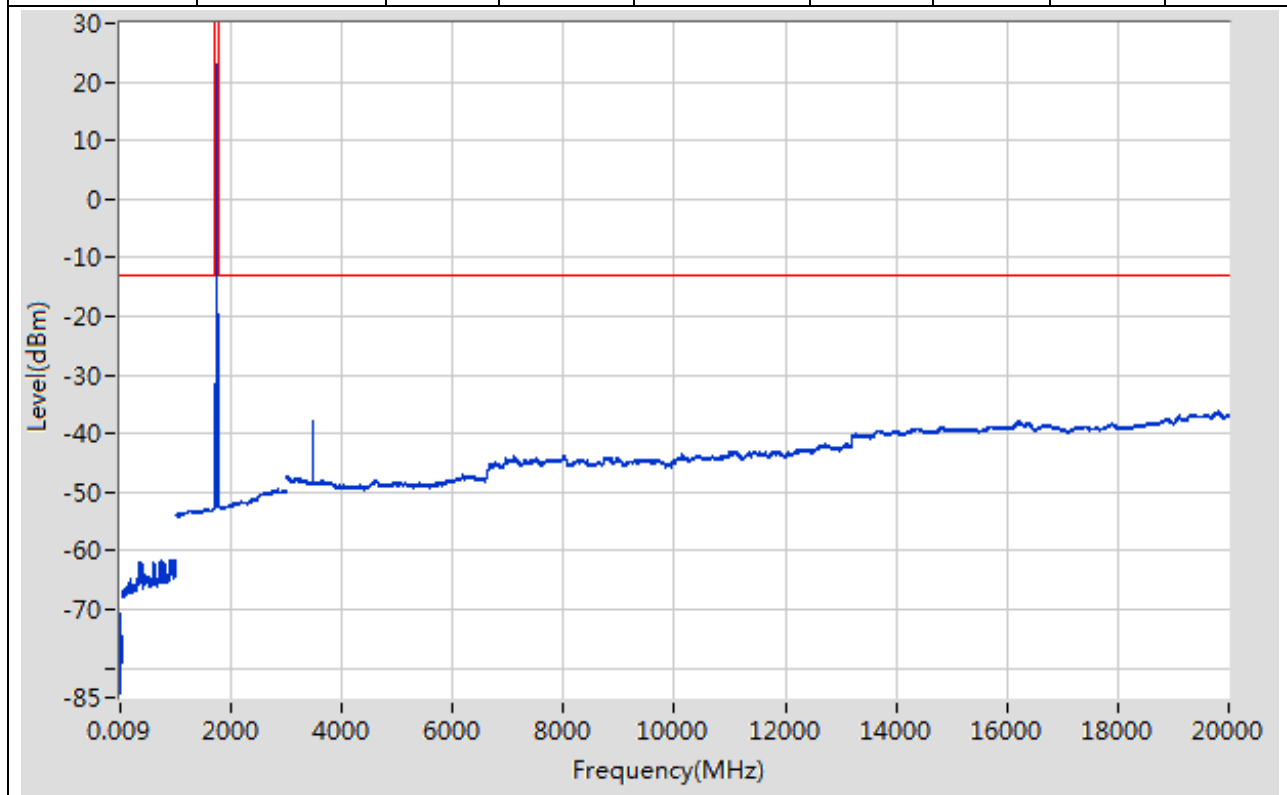
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1.15. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:27, Channel:132322, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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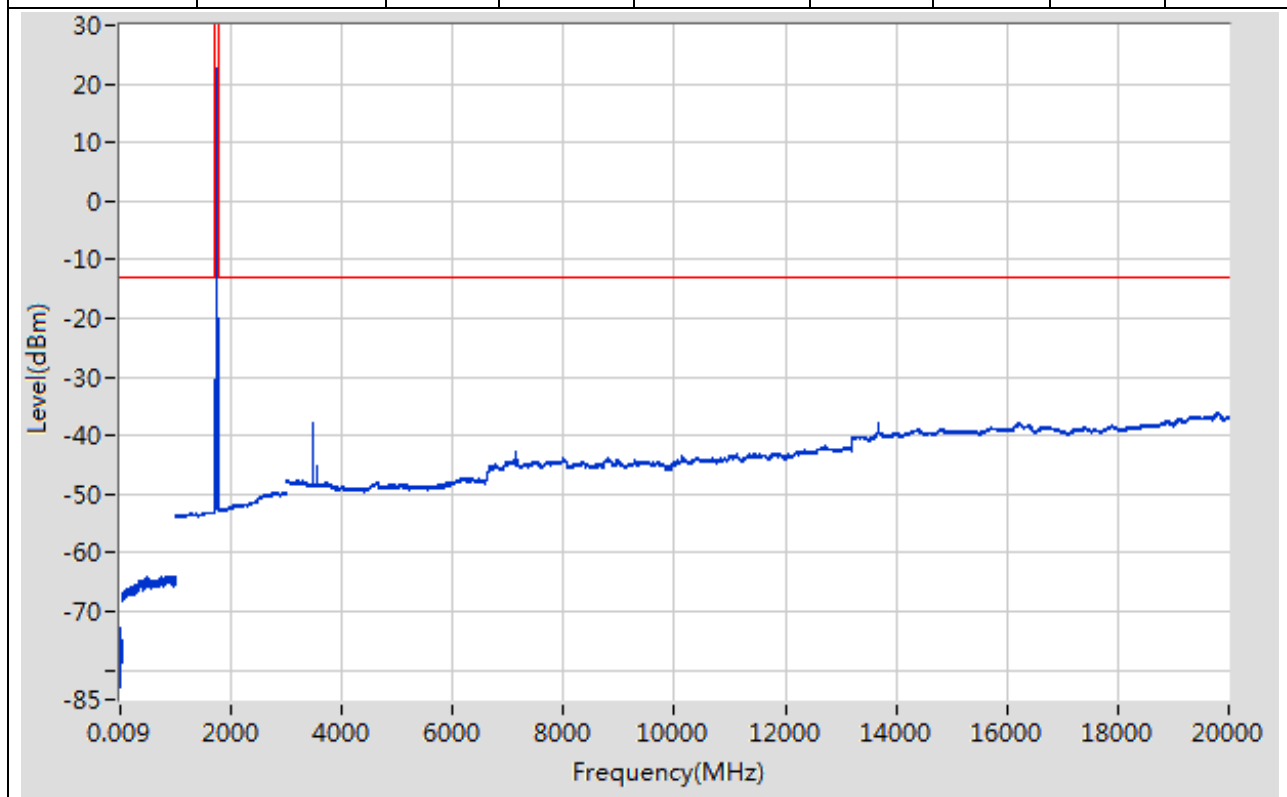
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1.16. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:28, Channel:132322, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

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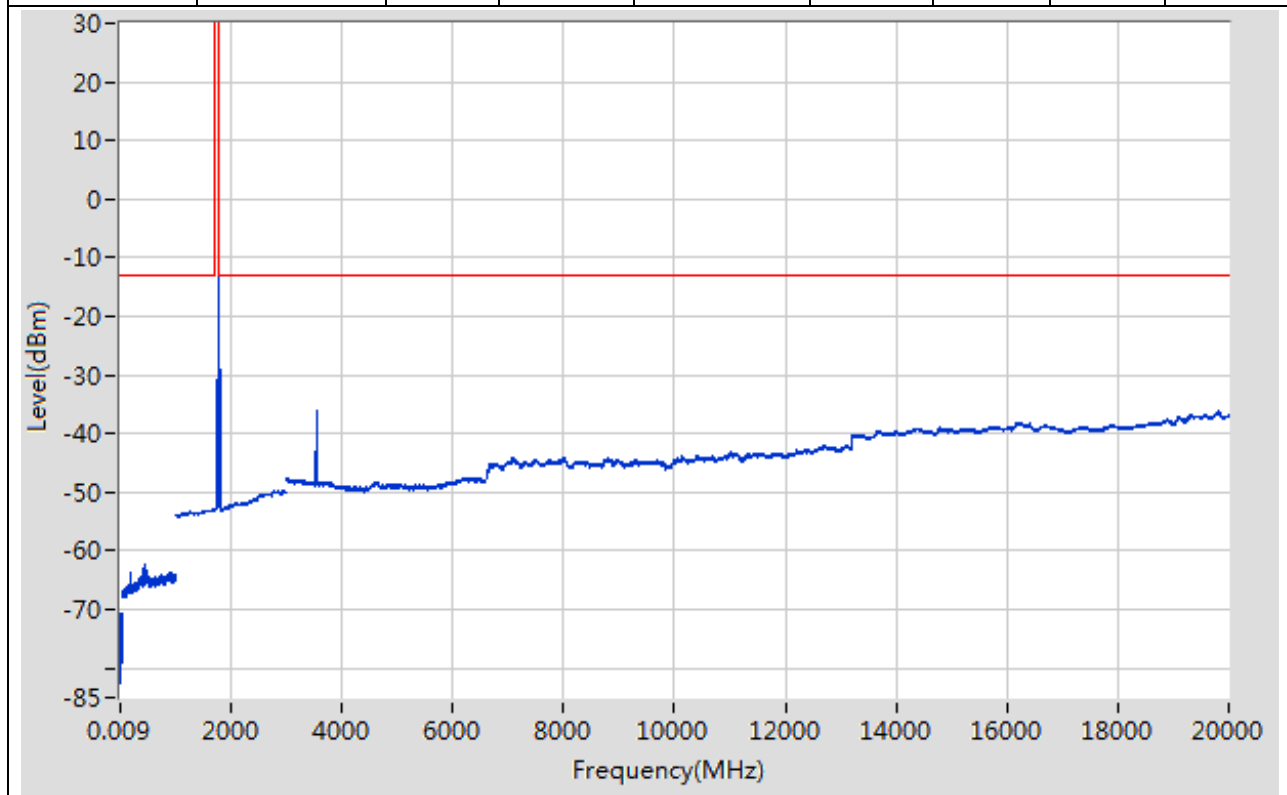
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1.17. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:29, Channel:132597, Bandwidth:15, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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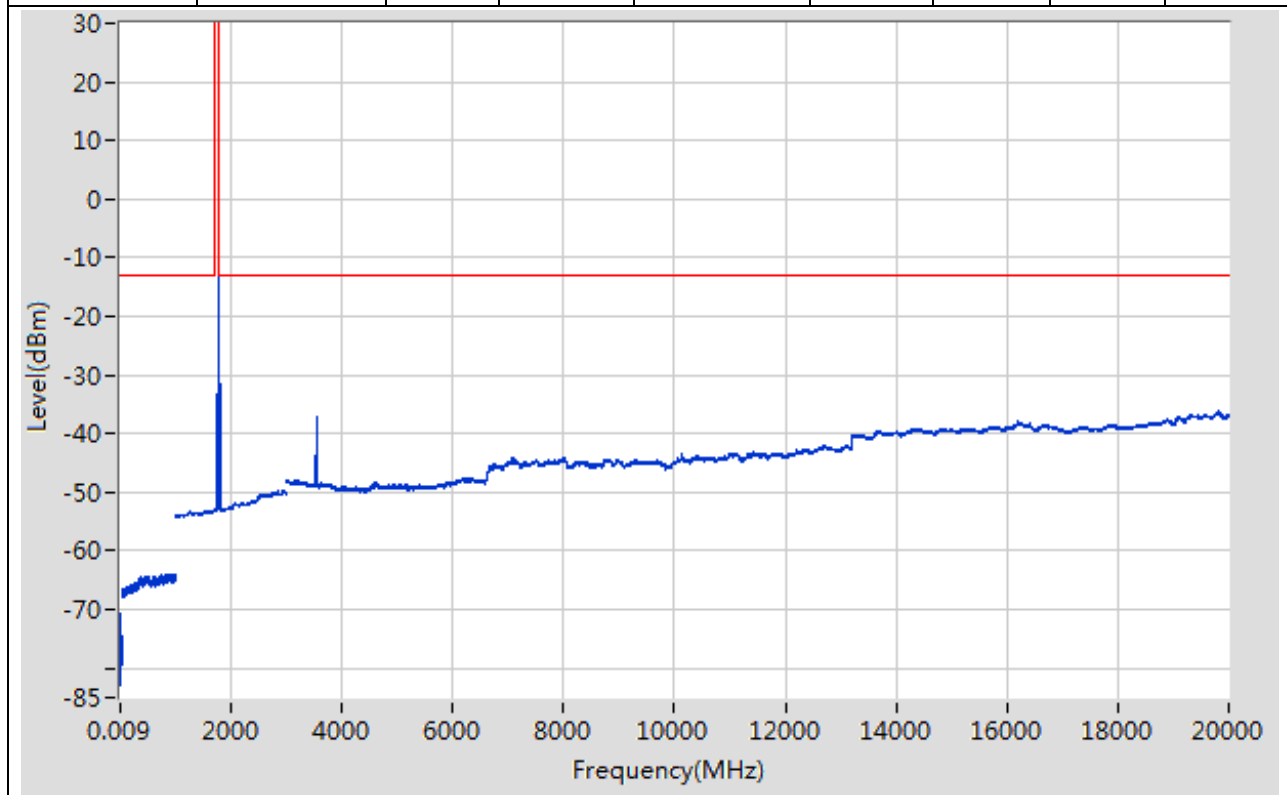
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1.18. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:30, Channel:132597, Bandwidth:15, Modulation:Q16, RB Number: 1, RB Position:LOW)

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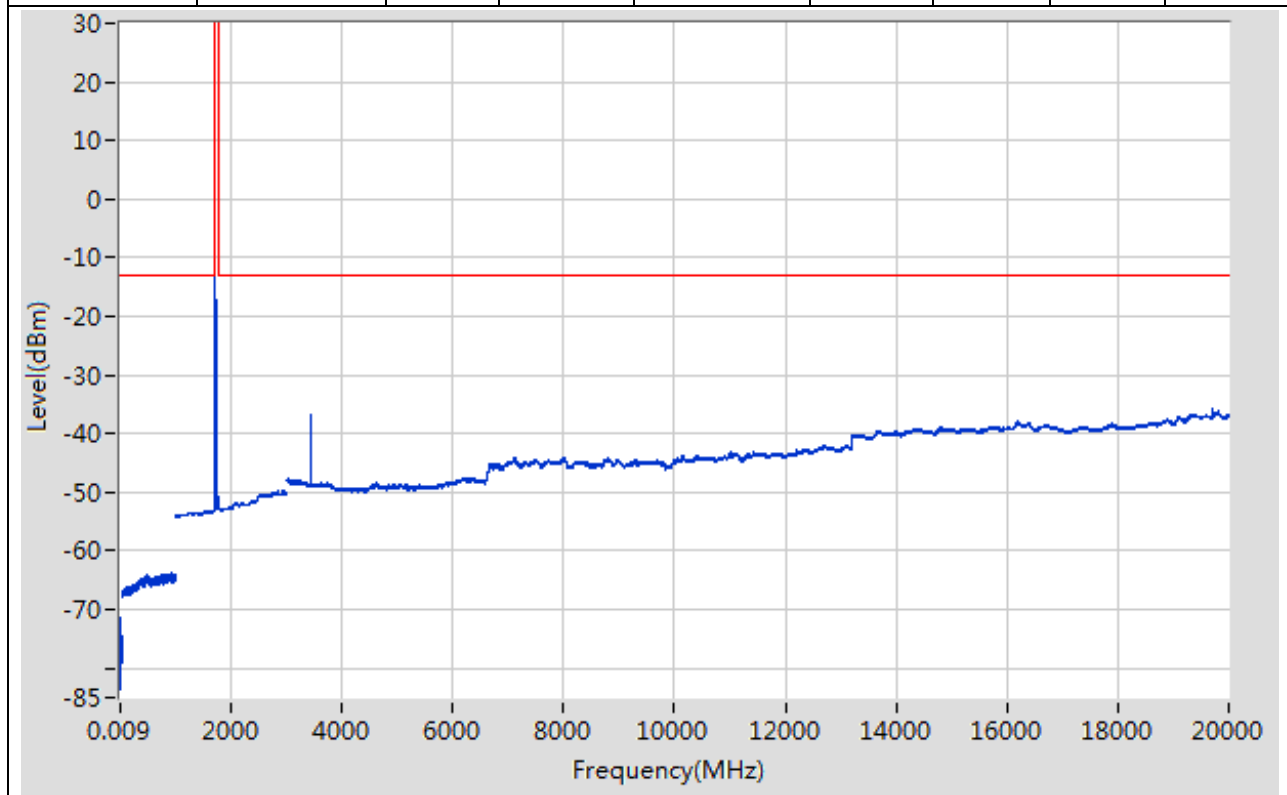
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1.19. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:31, Channel:132072, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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



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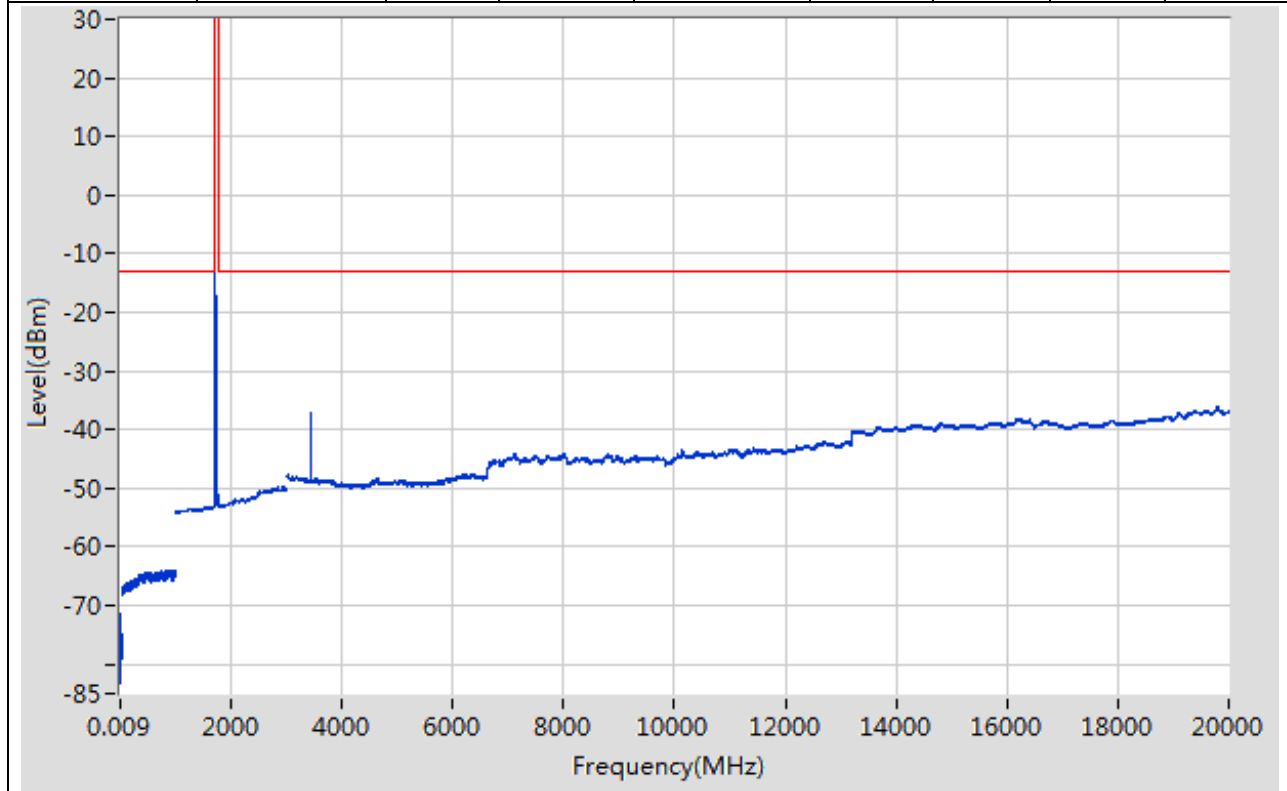
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1.20. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:32, Channel:132072, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

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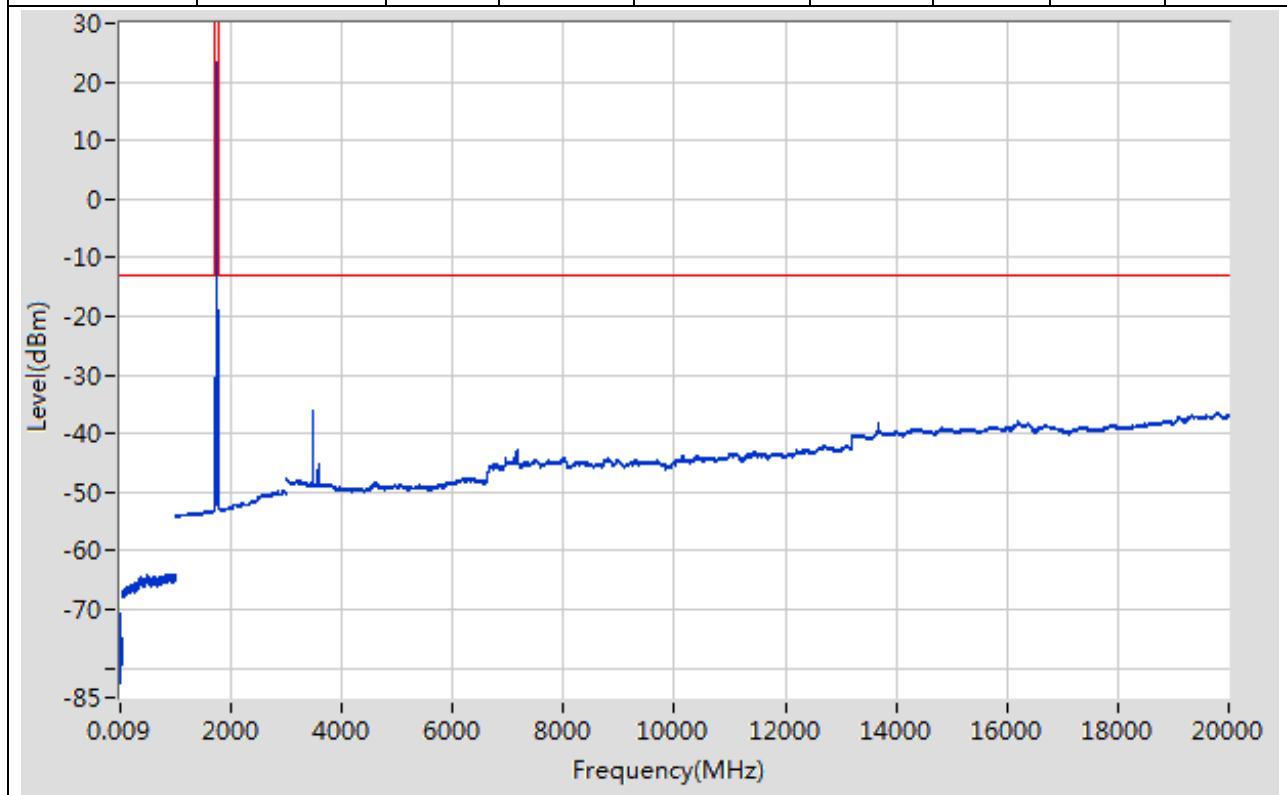
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1.21. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:33, Channel:132322, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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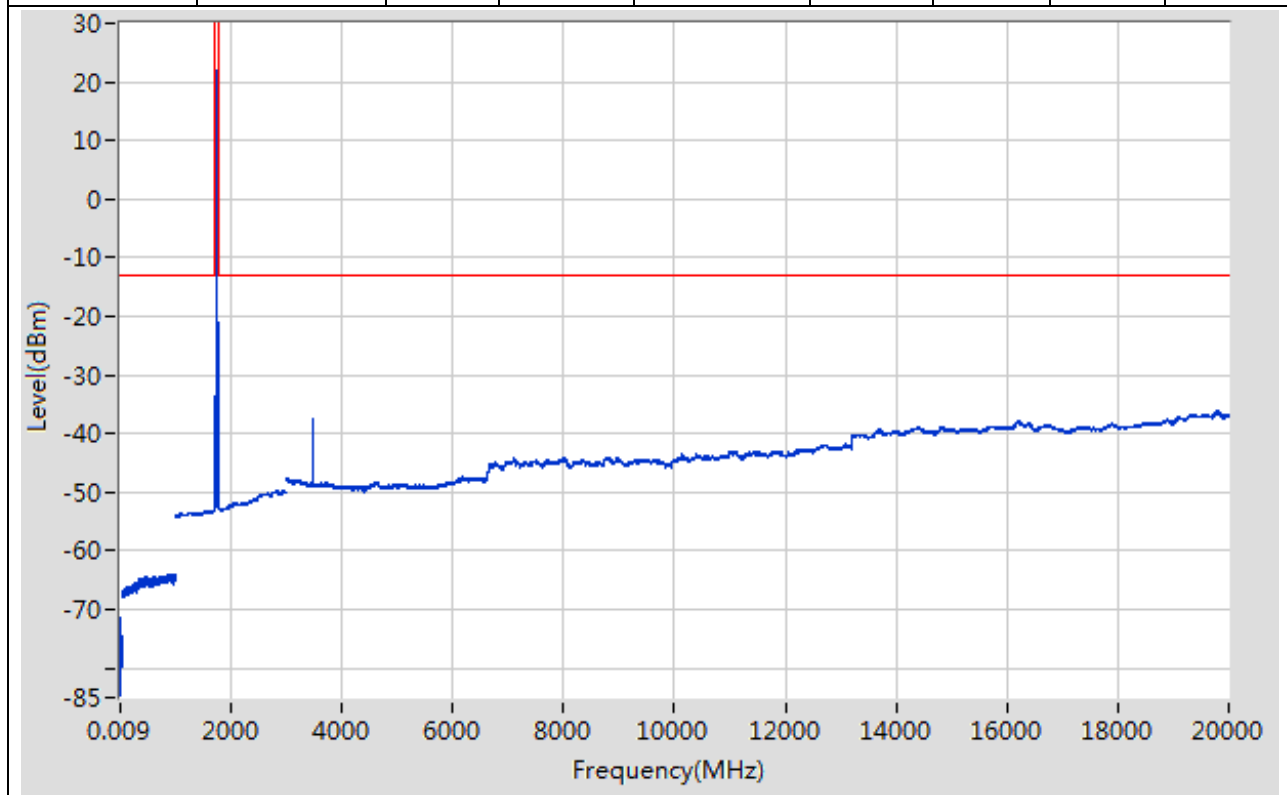
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1.22. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:34, Channel:132322, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

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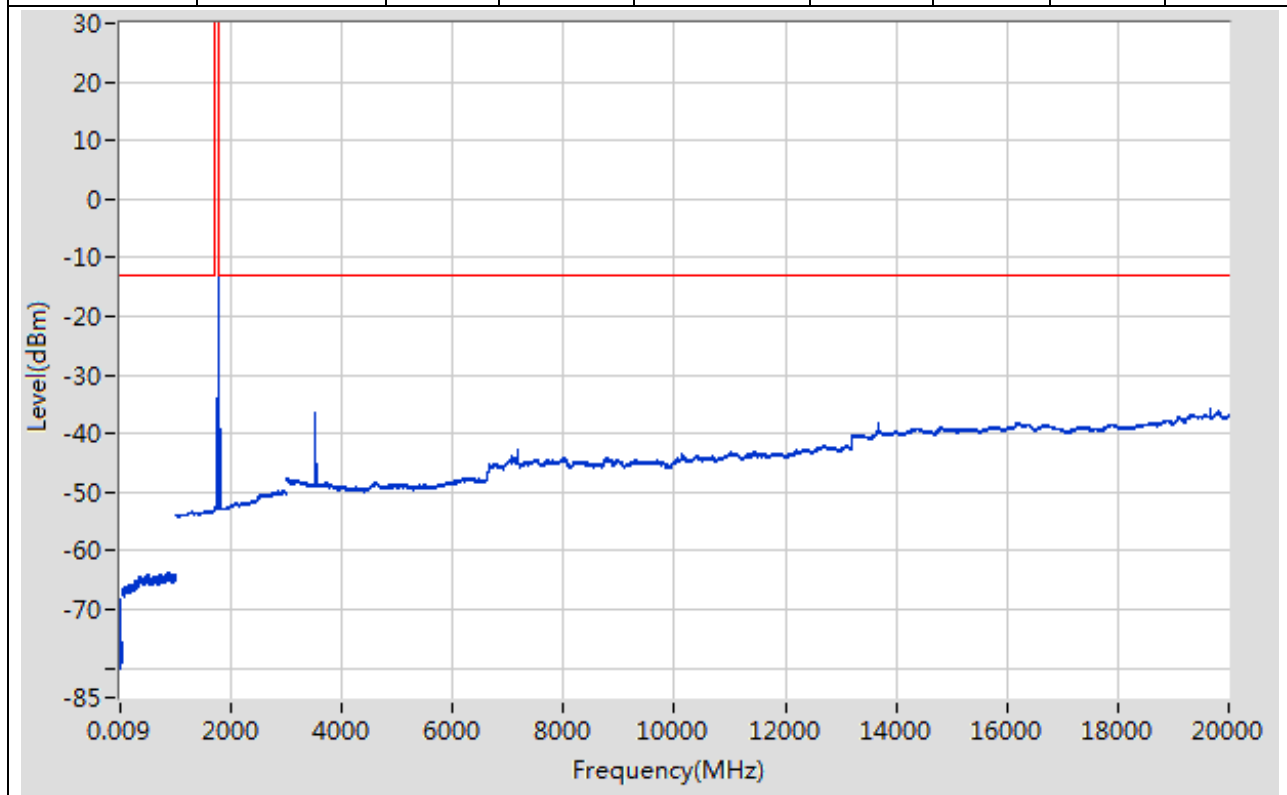
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1.24. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:35, Channel:132572, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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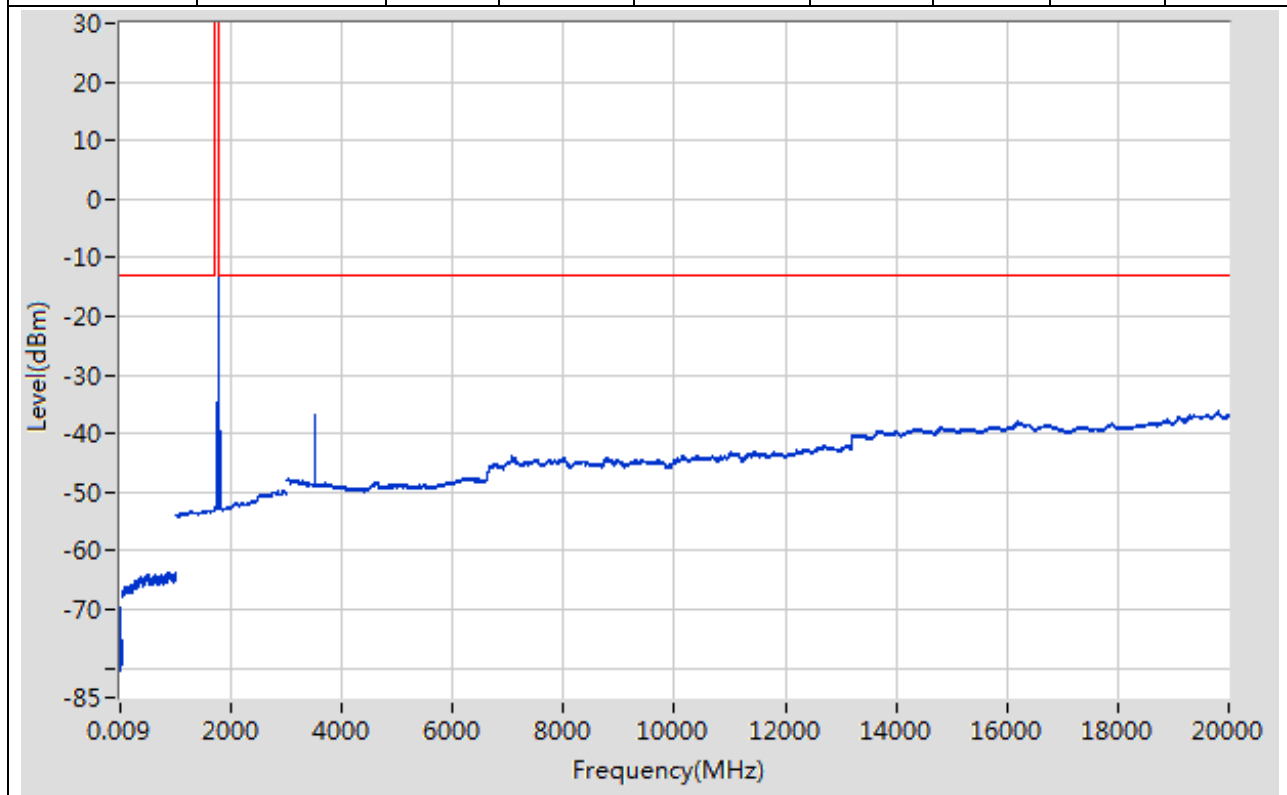
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1.25. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:36, Channel:132572, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

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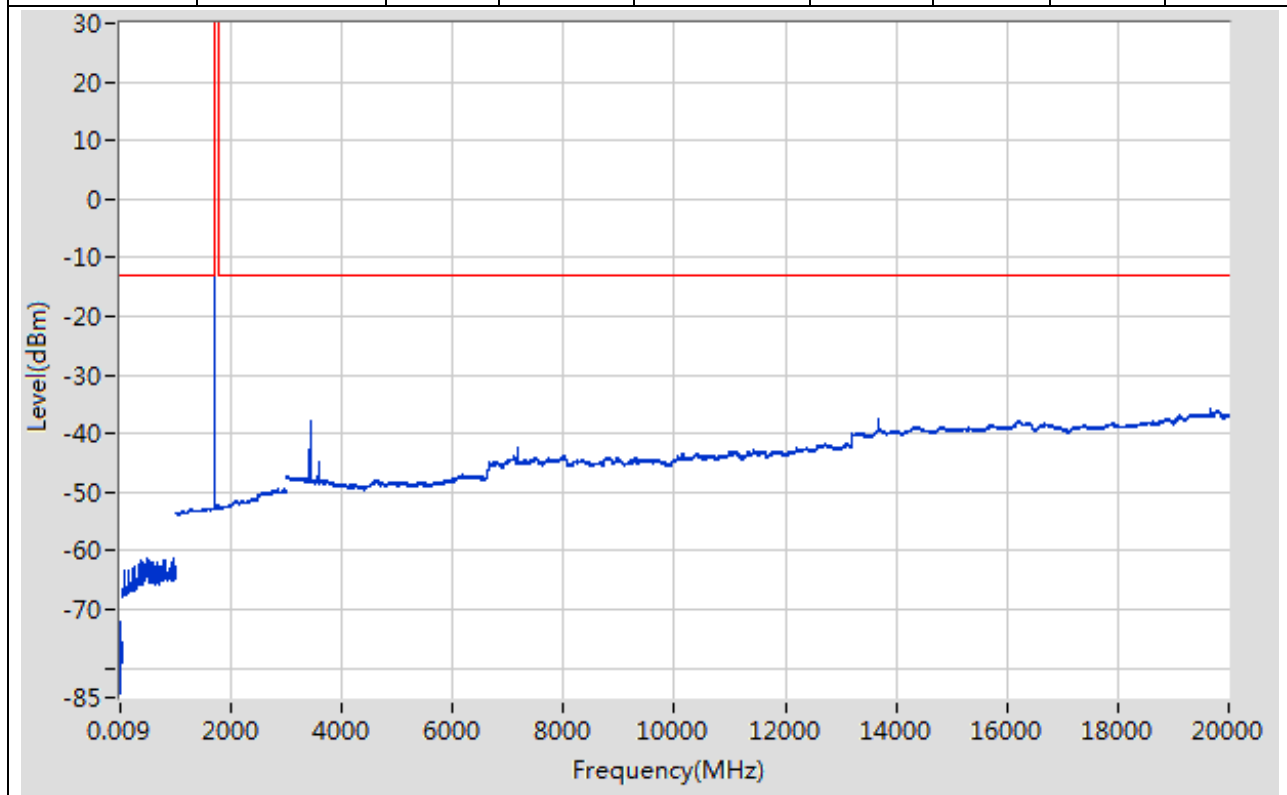
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1.26. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:1, Channel:131979, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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



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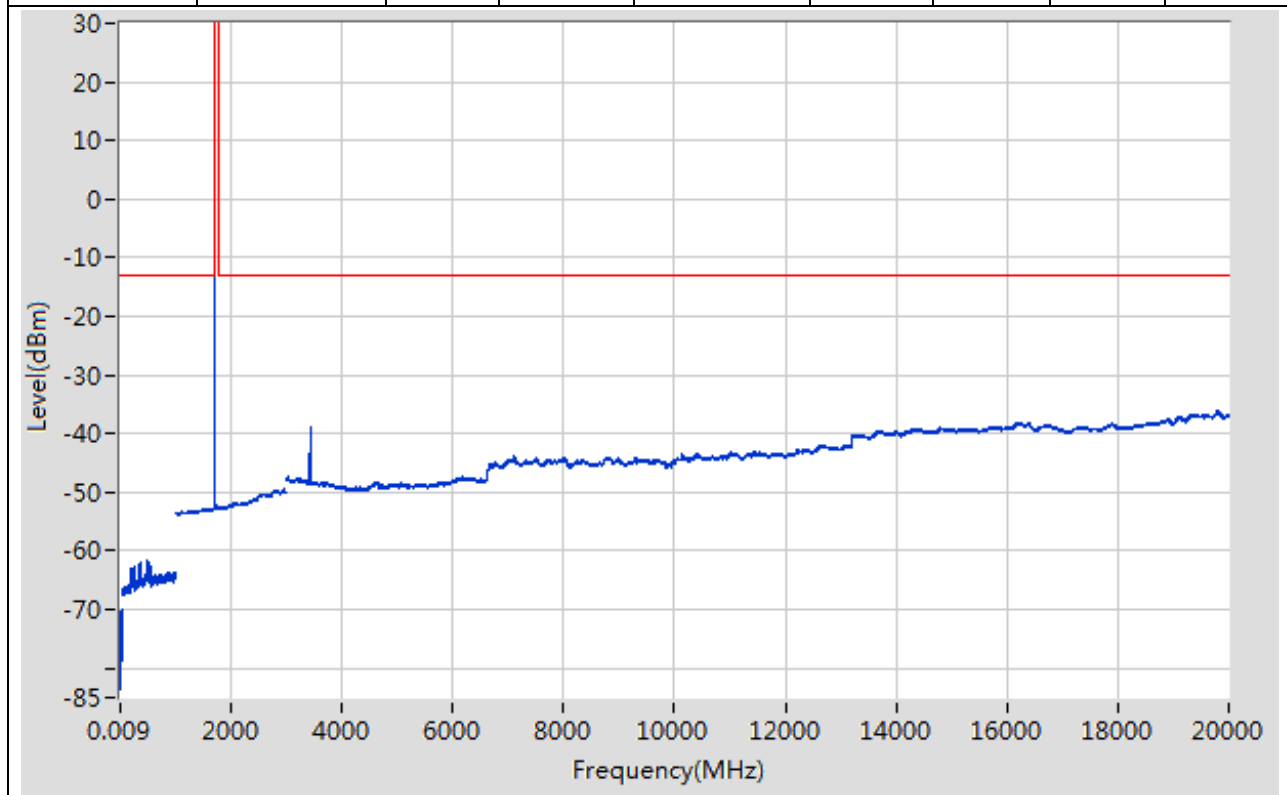
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1.27. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:2, Channel:131979, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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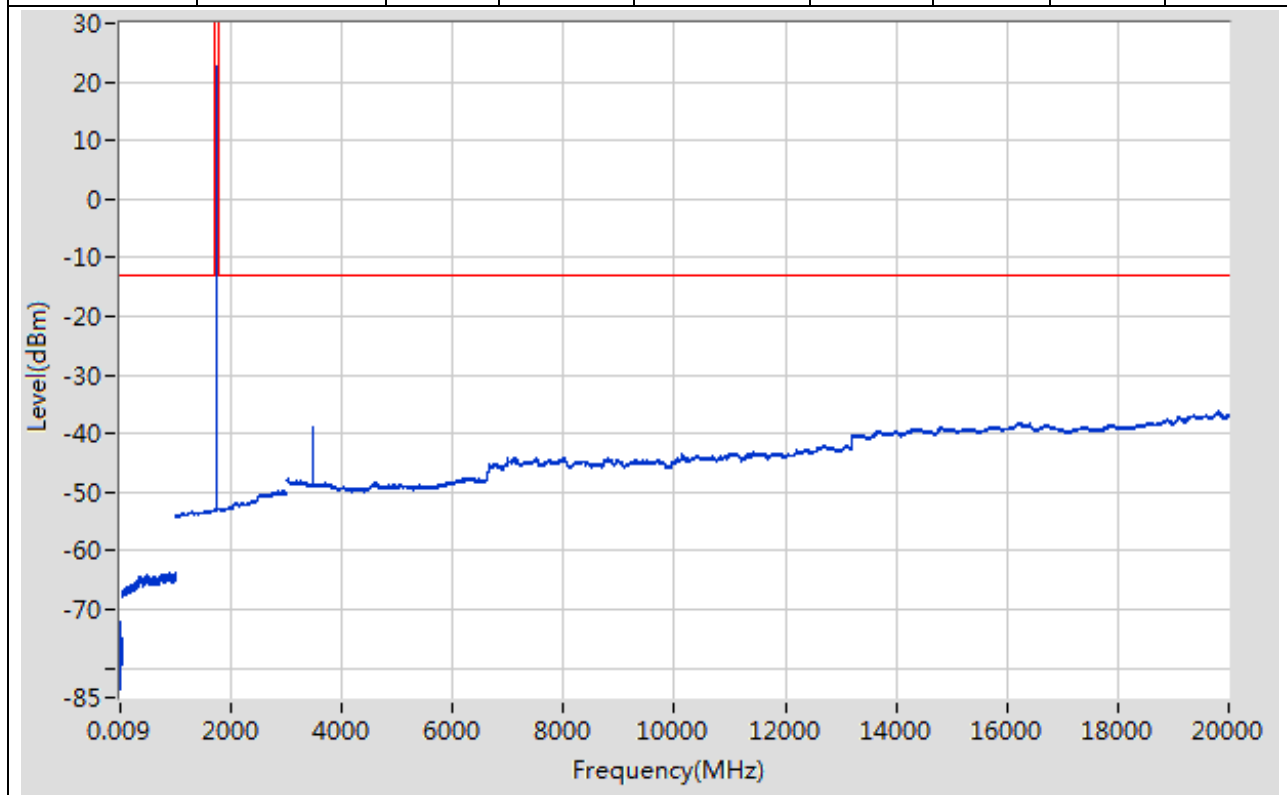
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1.28. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:3, Channel:132322, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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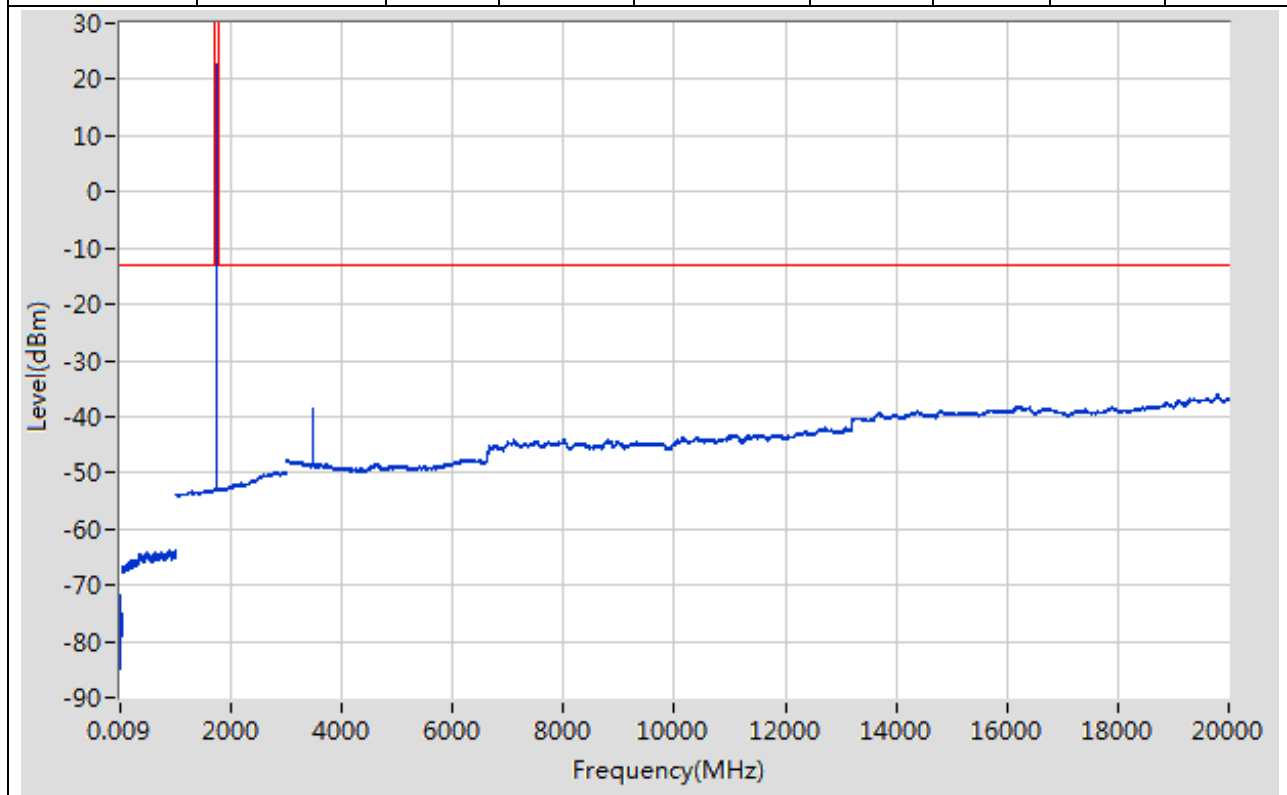
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1.29. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:4, Channel:132322, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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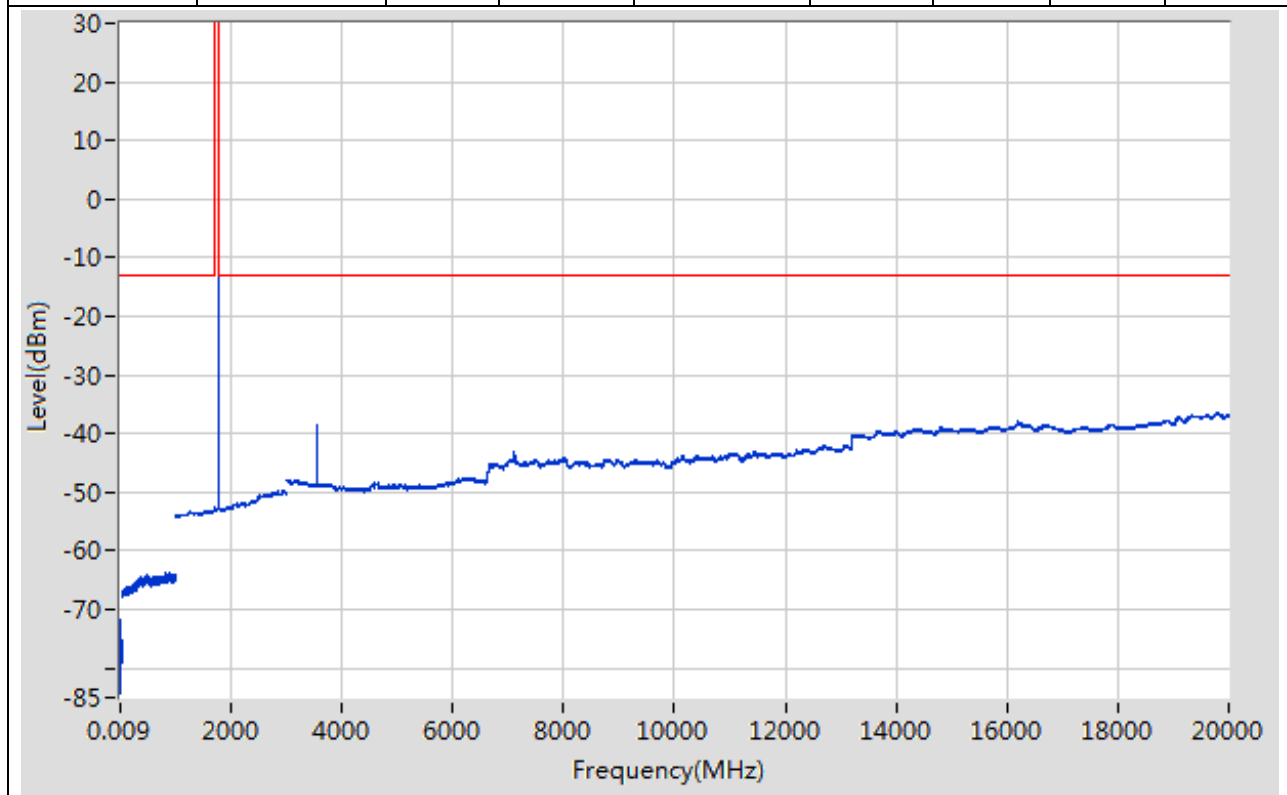
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1.30. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:5, Channel:132665, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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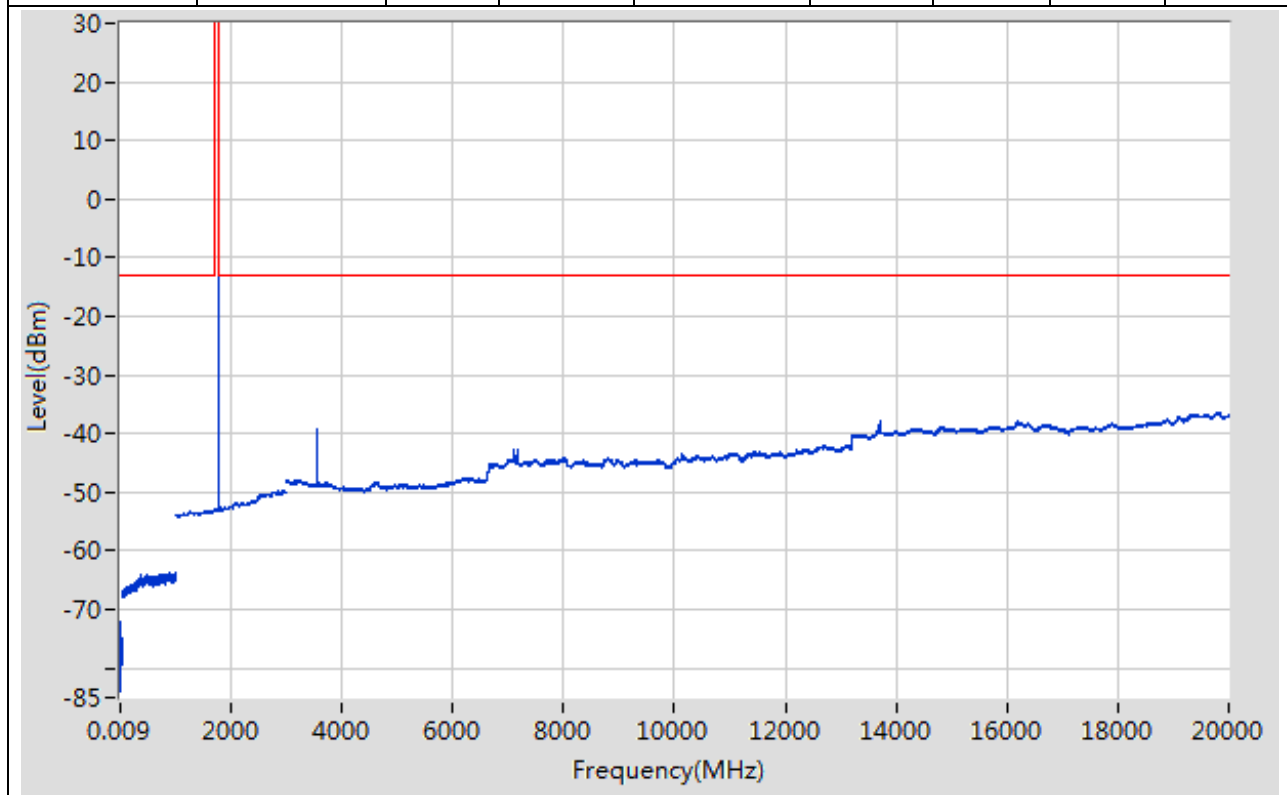
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1.31. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:6, Channel:132665, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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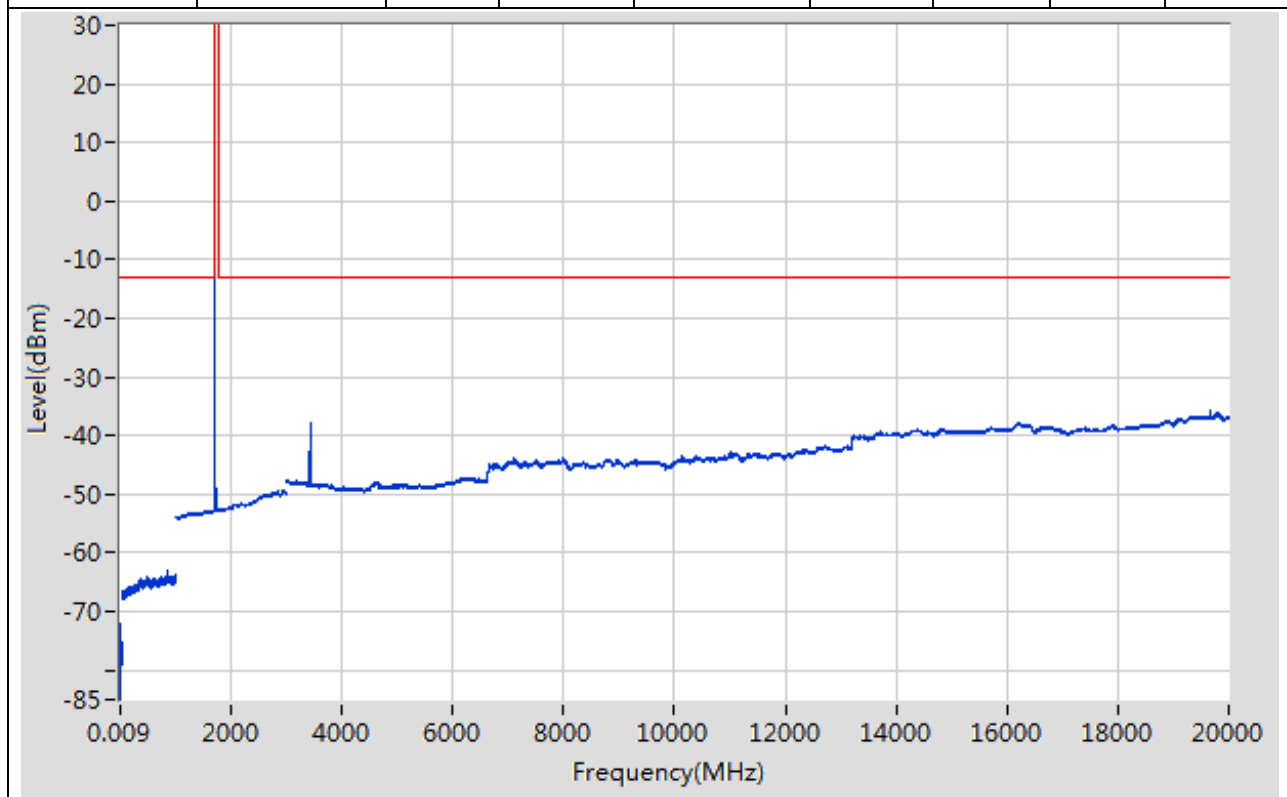
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1.32. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:7, Channel:131987, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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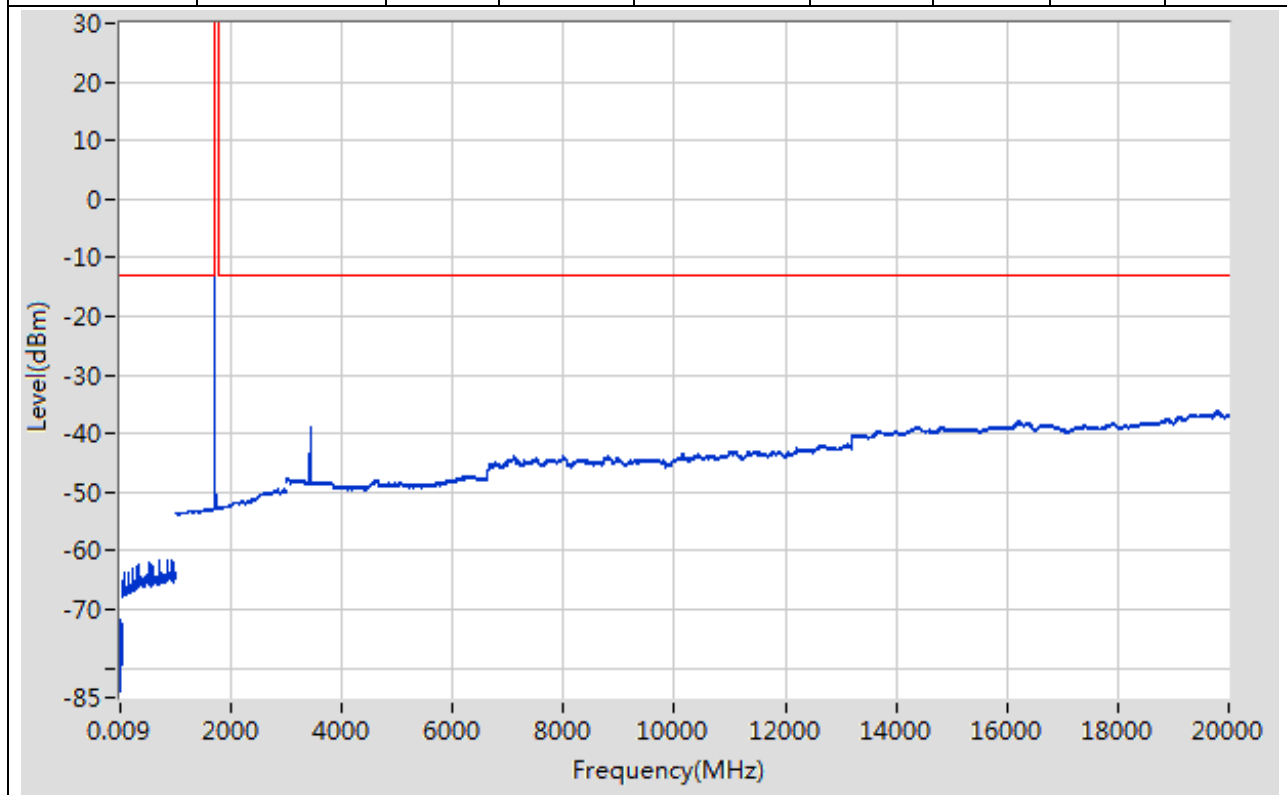
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1.33. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:8, Channel:131987, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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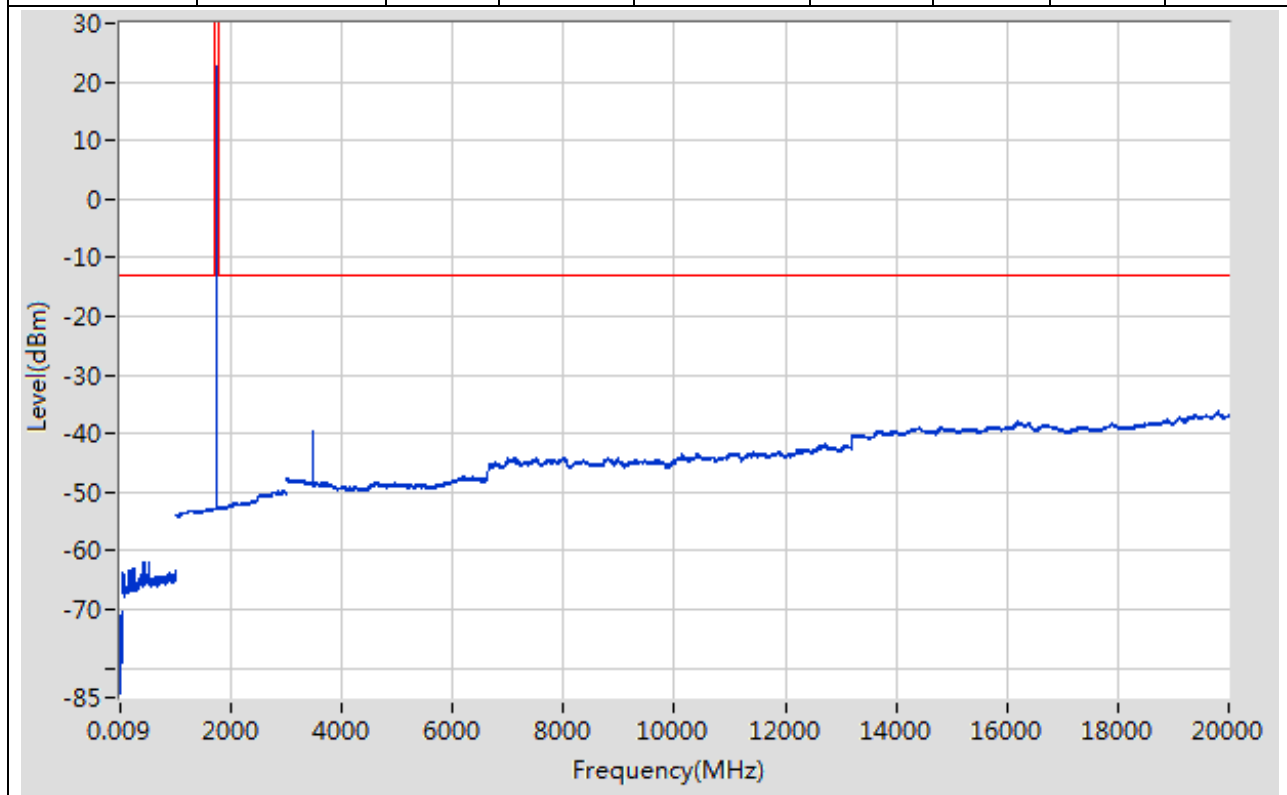
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1.34. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:9, Channel:132322, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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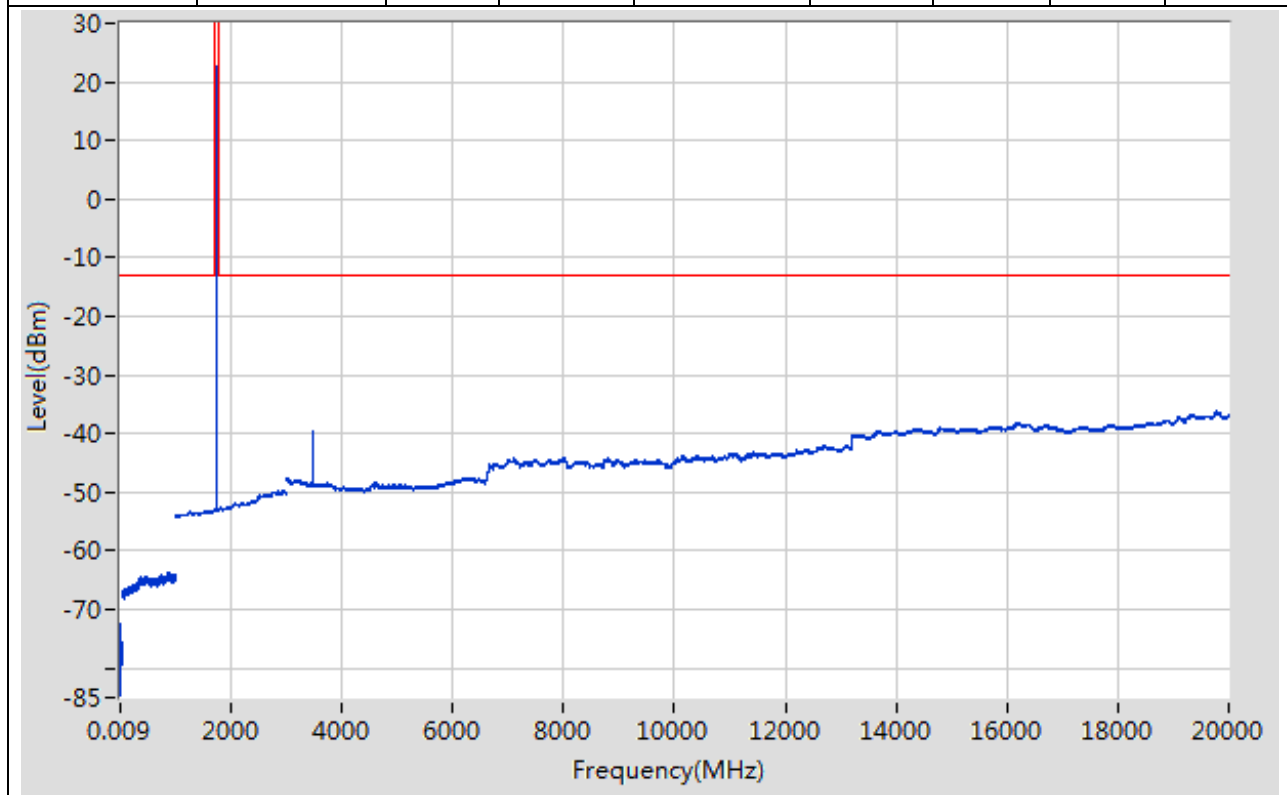
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1.35. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:10, Channel:132322, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

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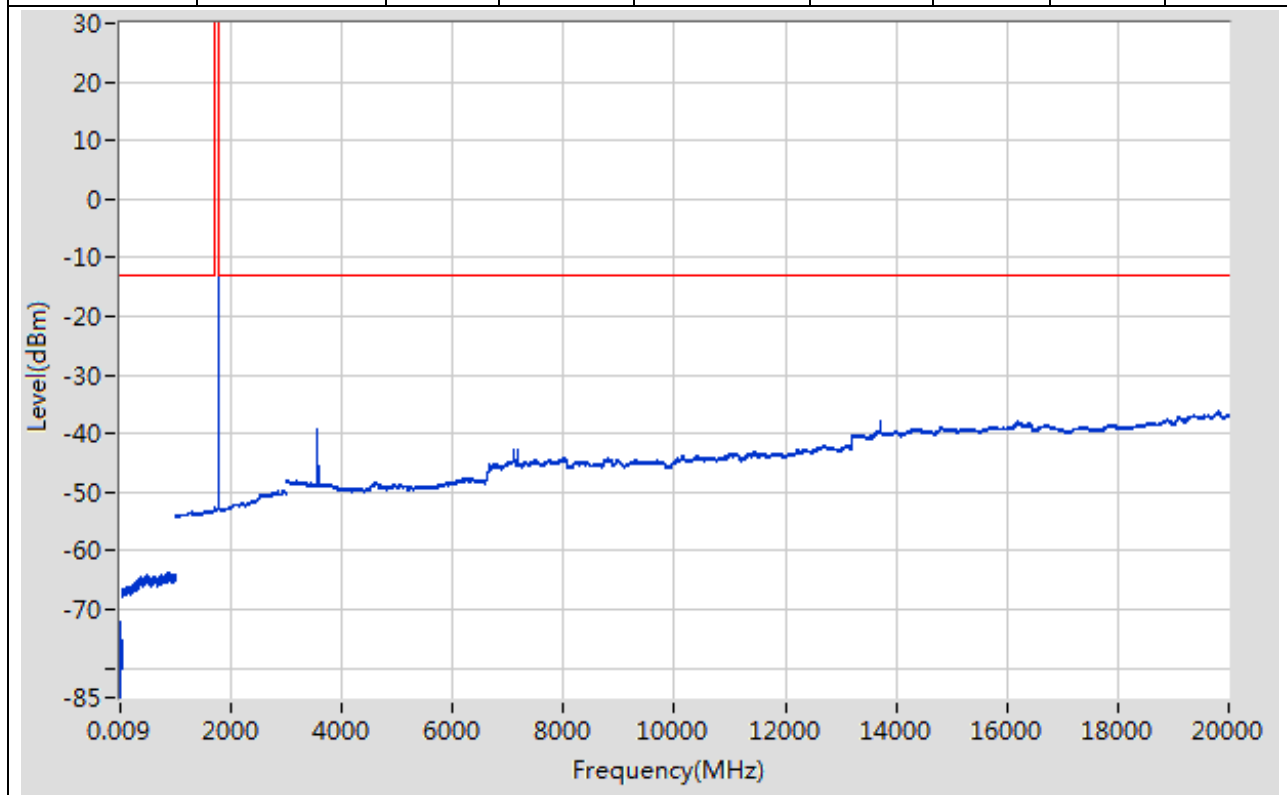
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1.36. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:11, Channel:132657, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

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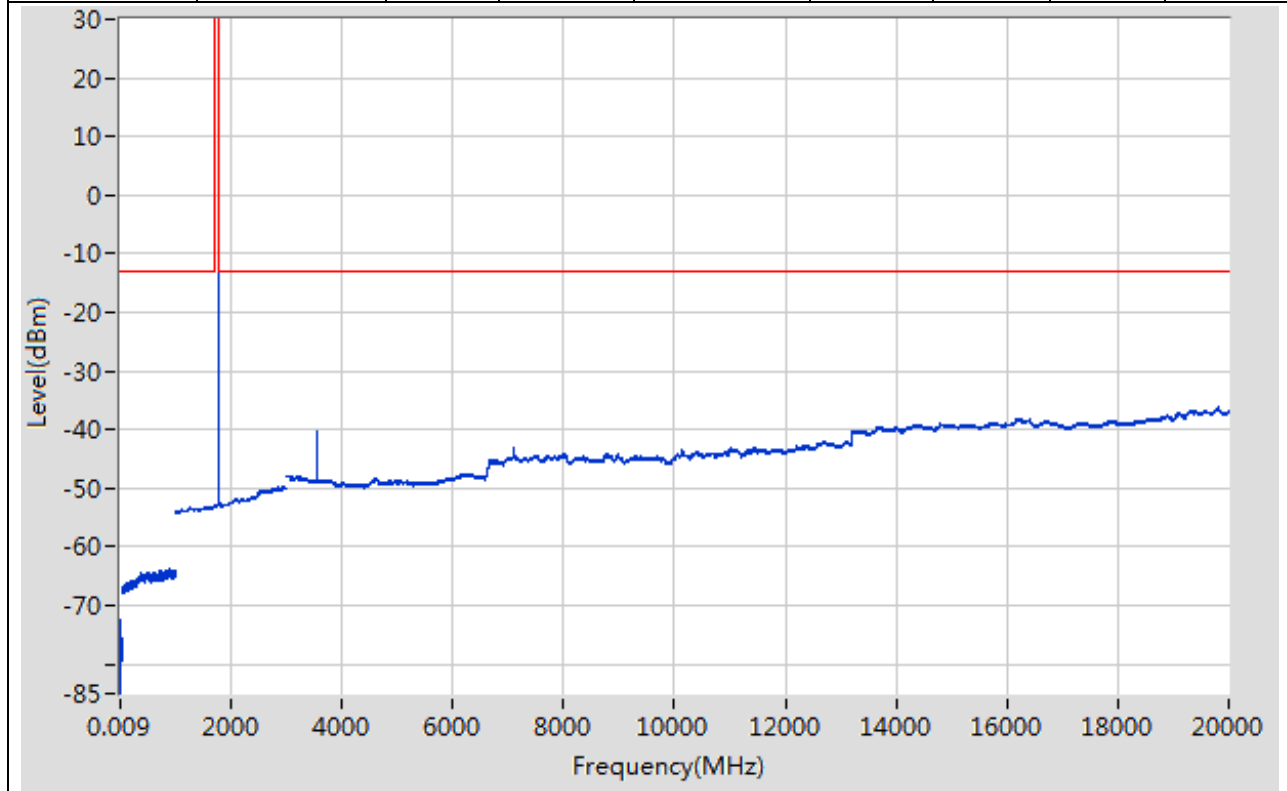
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1.37. LTE Spurious Emission at Antenna Terminals(NTNV)(Subtest:12, Channel:132657, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

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



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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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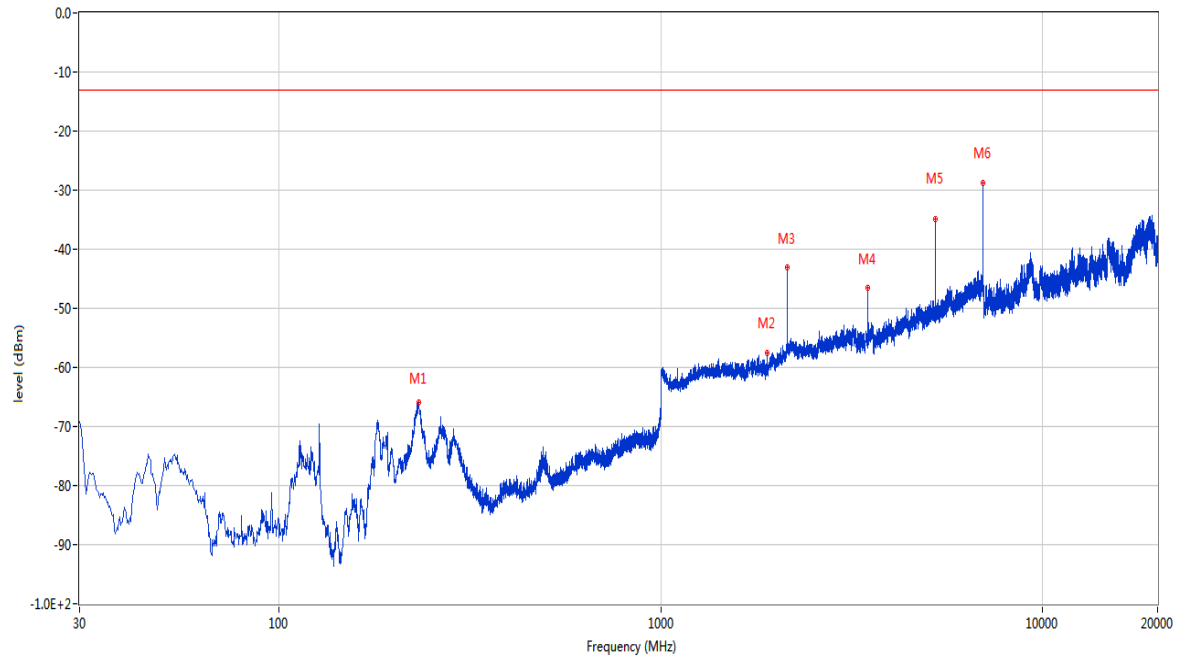
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Appendix G: Radiated Power Measurement

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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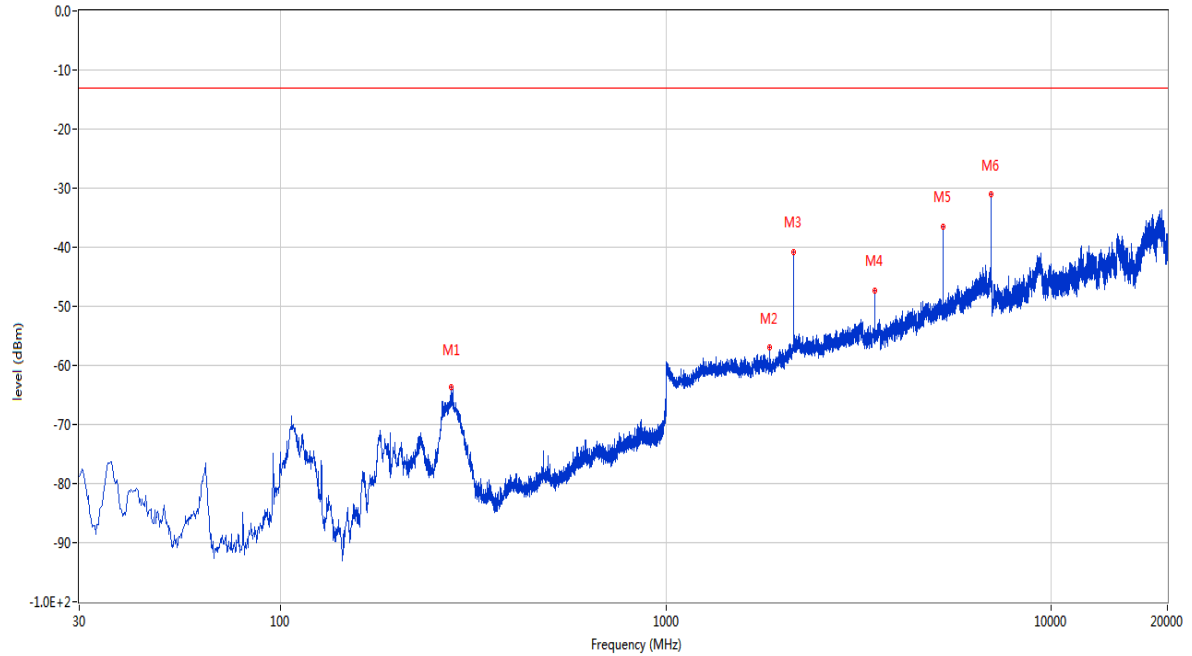


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Work Mode: LTE B66 CH132322 BW=3

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

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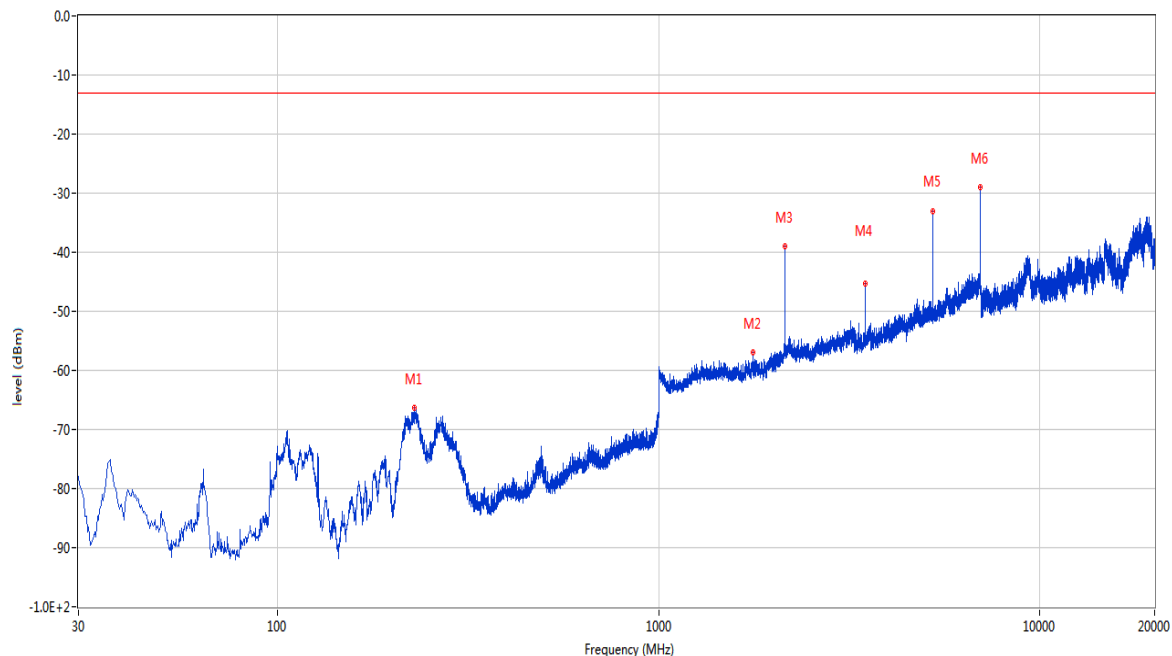
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Work Mode: LTE B66 CH132322 BW=3

Remark:

N.A



Frequency (MHz)	Result (dBm)	Factor (dB)	PK Limit (dBm)	Over Limit (dB)	Table (o)	ANT	EUT	Verdict
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

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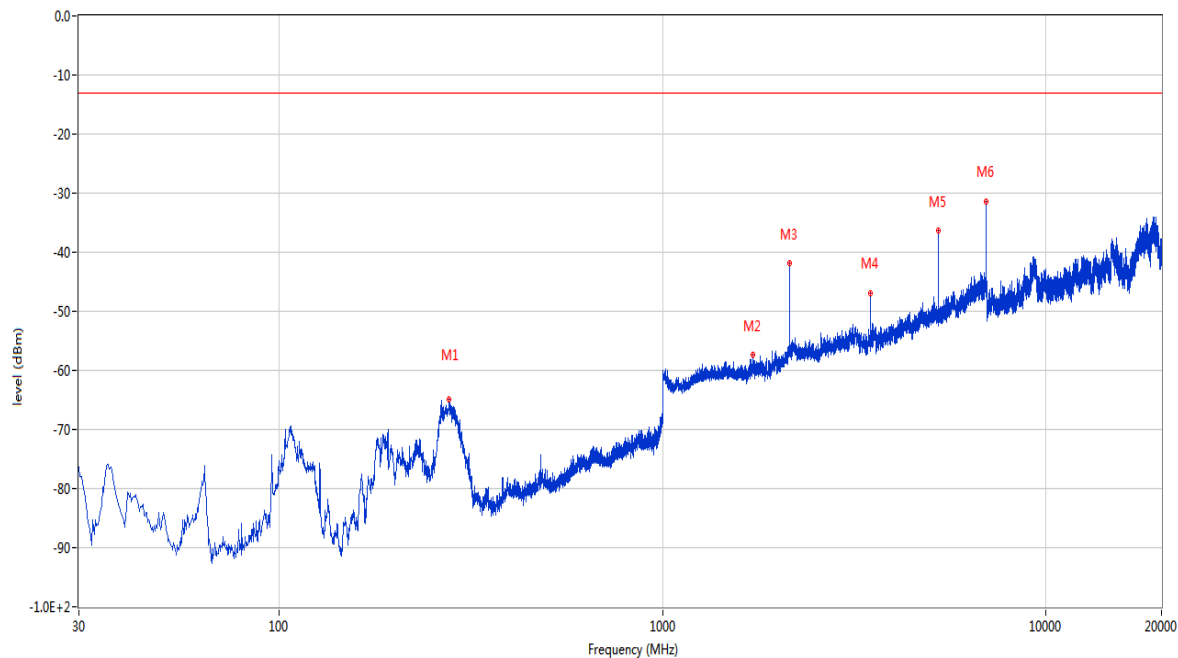

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Work Mode:

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
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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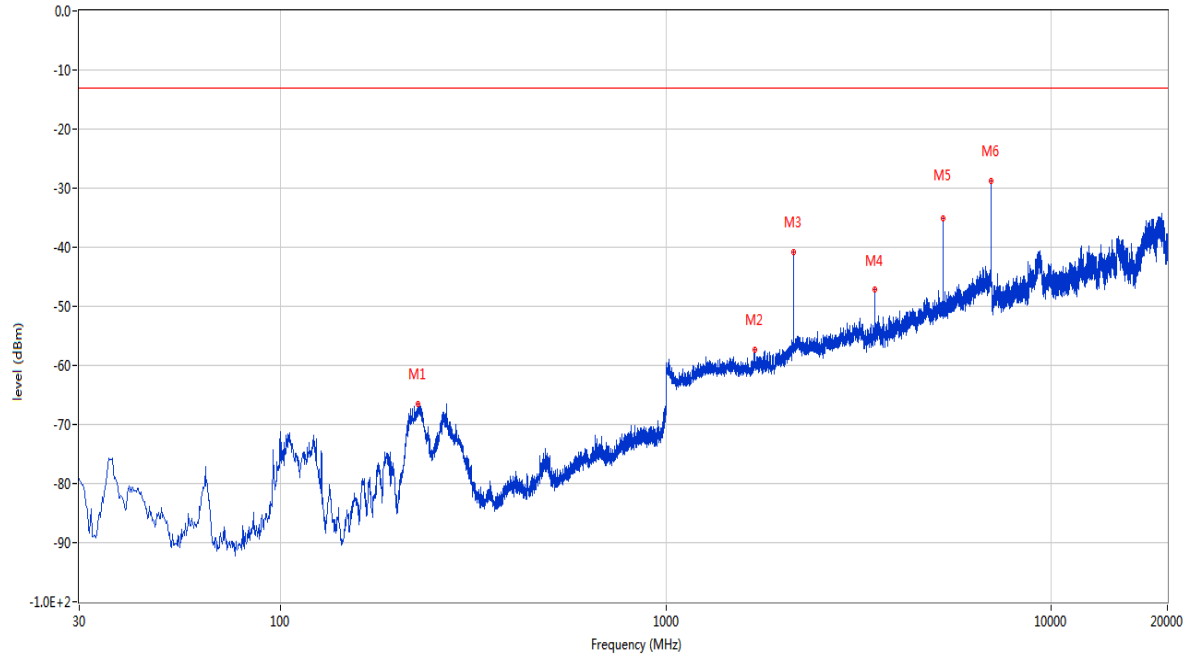
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Work Mode: LTE B66 CH132322 BW=5

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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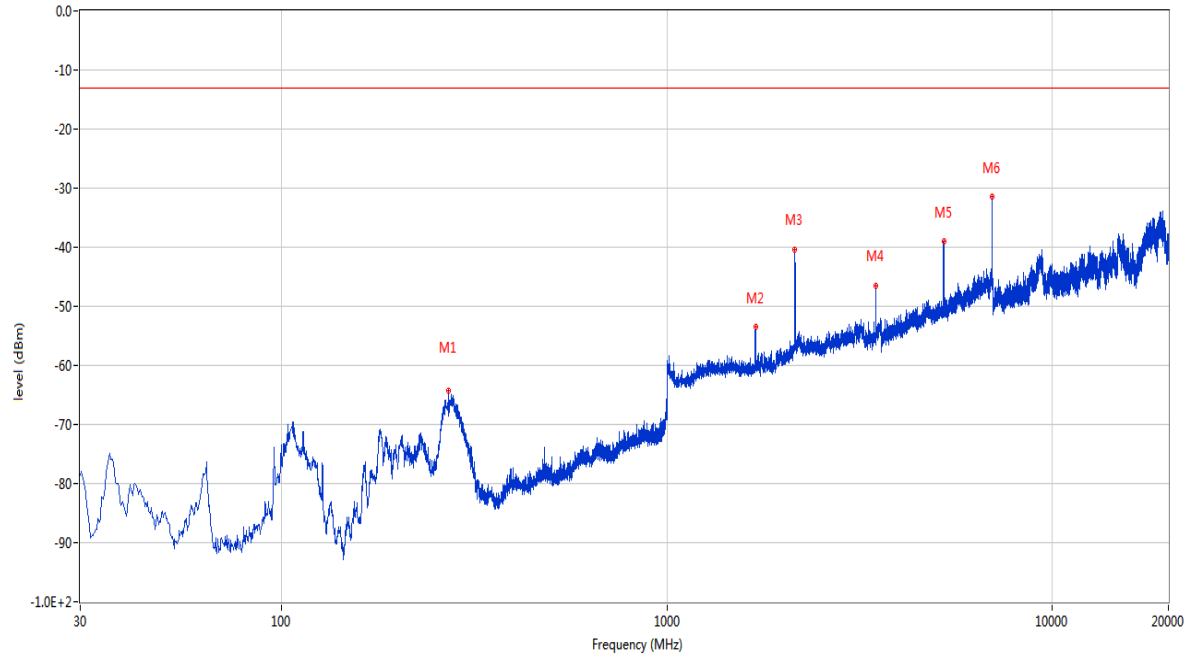
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Work Mode: LTE B66 CH132322 BW=10

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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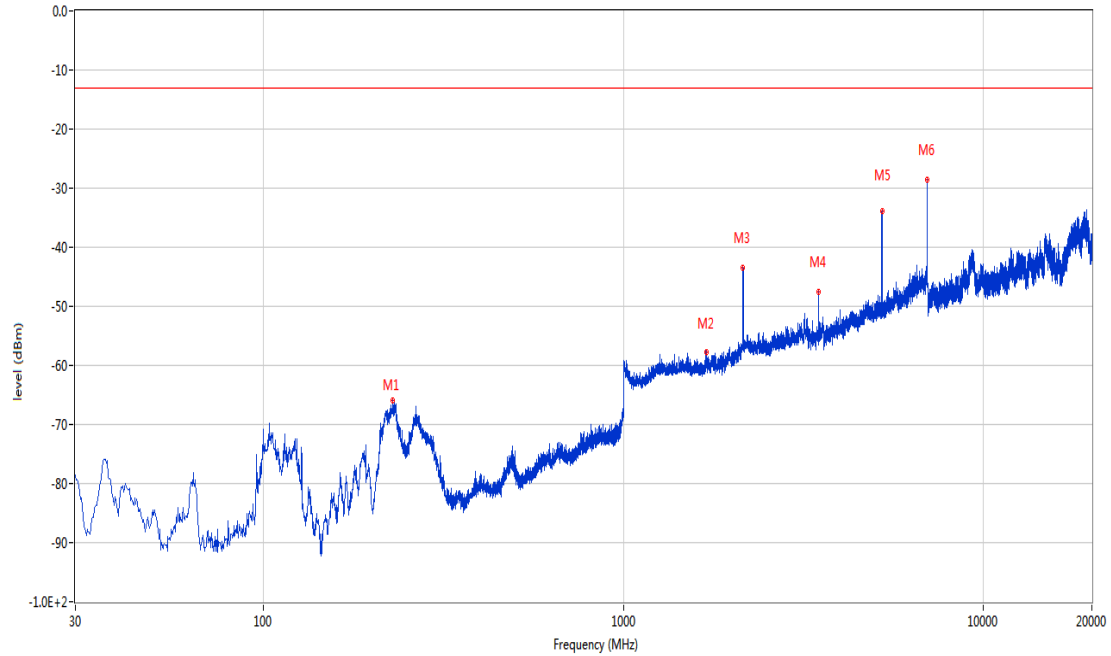

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Work Mode:

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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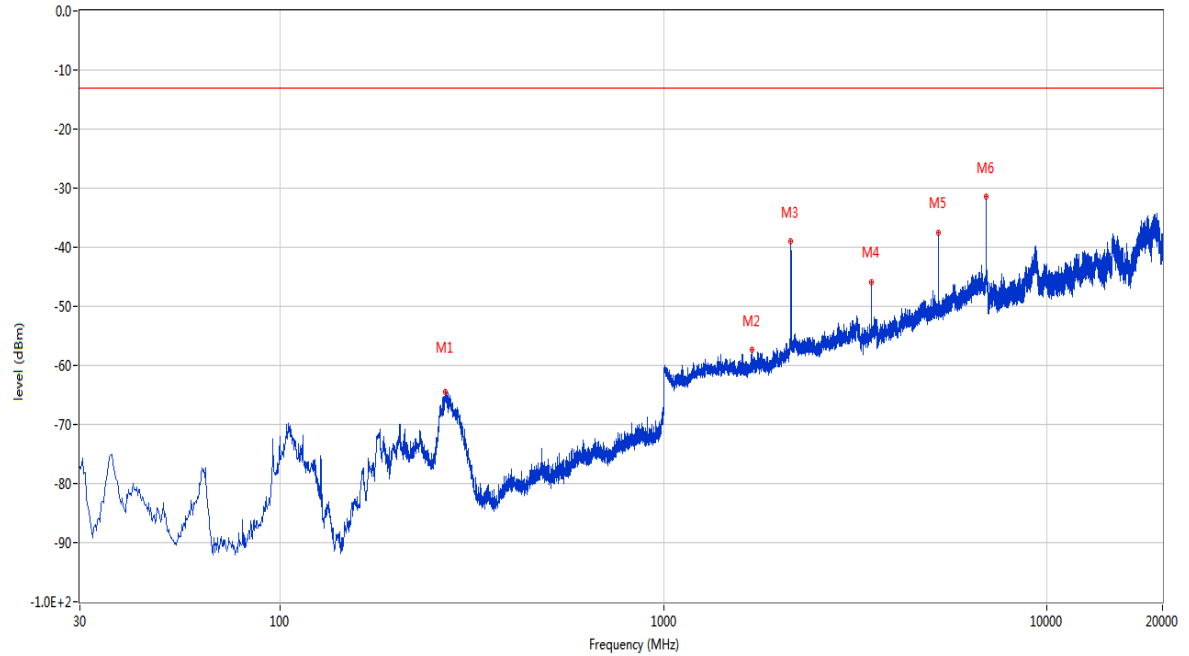

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Work Mode:

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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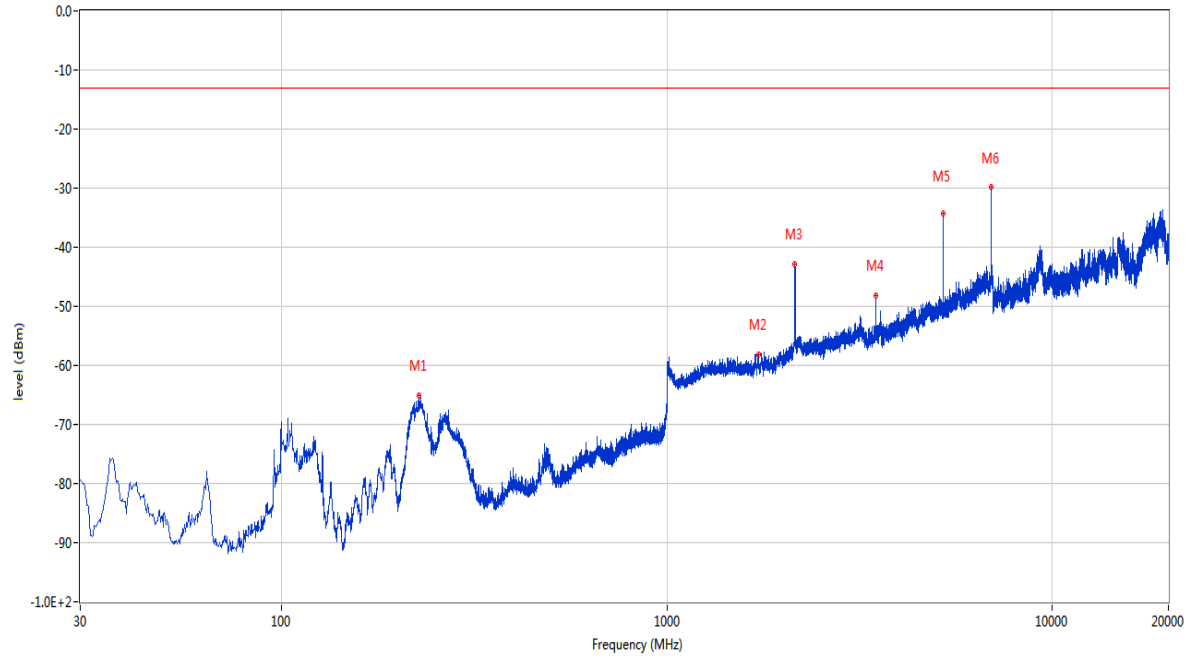

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Work Mode:

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

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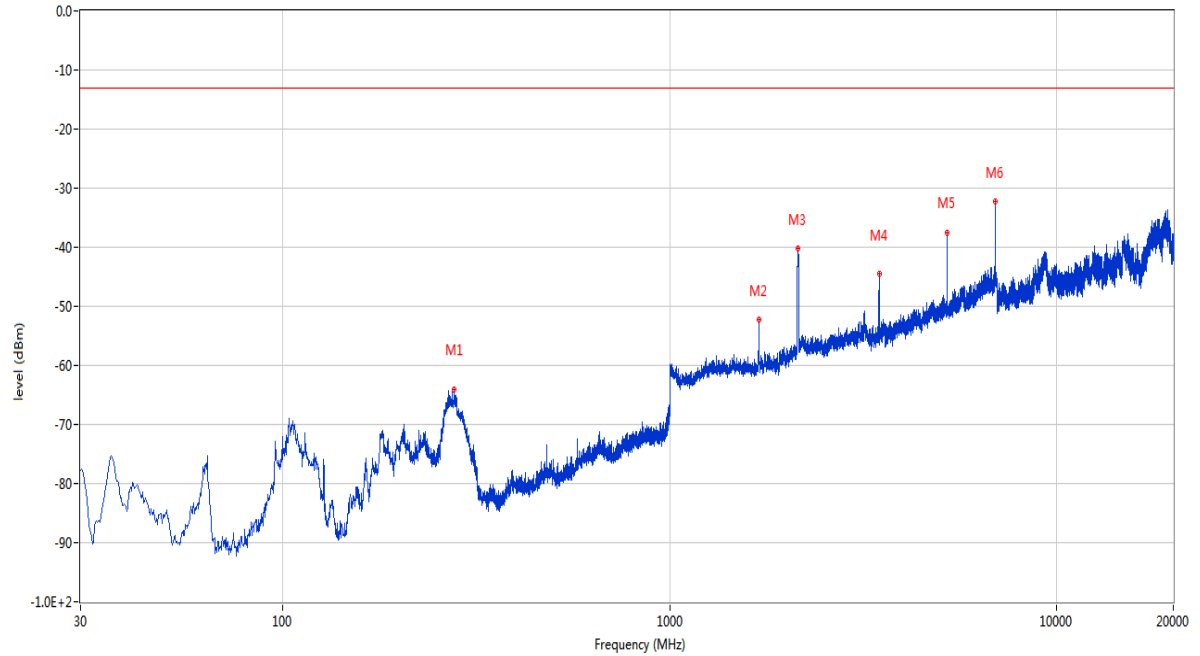

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Work Mode:

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
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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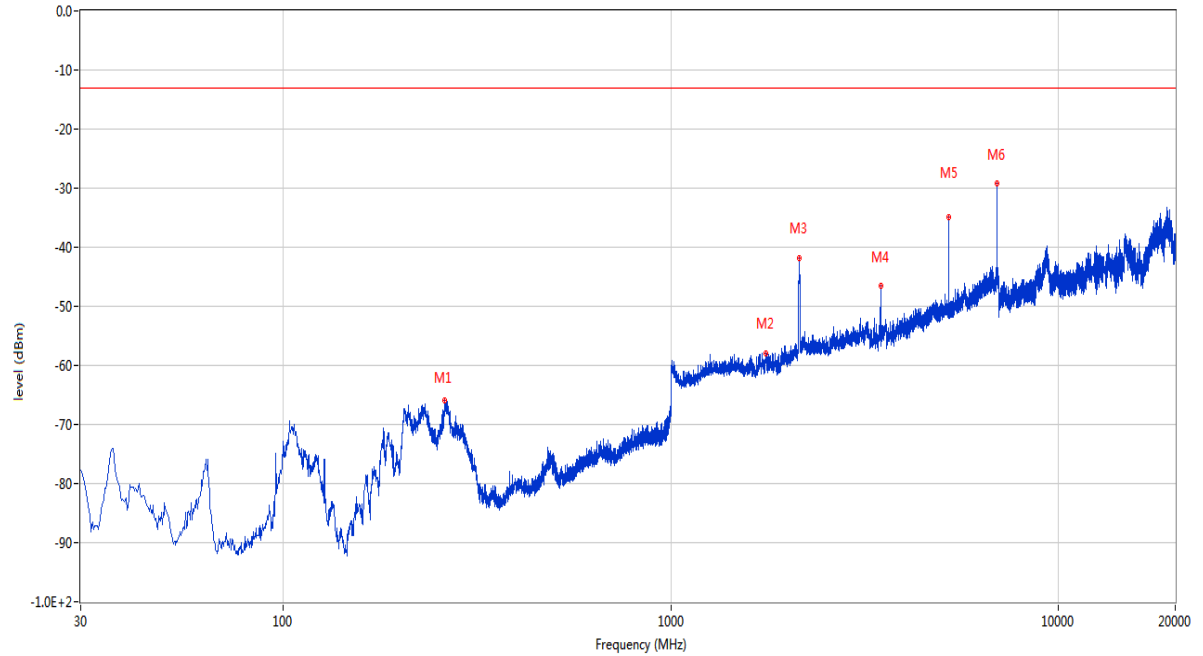

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Work Mode:

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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