1.Conducted Output Power

1.1 Test Result

LTE Band 2 - 1.4MHz

Modulation	RB Allocation		Conducted Power (dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	1	0	24.05	24.88	18.98	33.01	PASS
		2	24.10	25.01	18.97	33.01	PASS
		5	23.84	24.94	18.72	33.01	PASS
	3	0	24.13	24.93	18.95	33.01	PASS
		2	24.09	25.02	18.89	33.01	PASS
		3	24.02	24.97	18.80	33.01	PASS
	6	0	22.99	23.95	17.99	33.01	PASS
16QAM	1		23.01	23.98	17.99	33.01	PASS
		2	23.09	24.16	18.01	33.01	PASS
		5	22.89	24.10	17.76	33.01	PASS
	3	0	23.24	23.89	18.12	33.01	PASS
		2	23.26	24.01	18.10	33.01	PASS
		3	23.22	23.99	17.99	33.01	PASS
	6	0	22.04	22.98	16.96	33.01	PASS

LTE Band 2 - 3MHz

Modulation	RB Allocation		Conducted Power (dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	1	0	24.09	24.71	19.41	33.01	PASS
		7	23.96	25.06	19.20	33.01	PASS
		14	23.56	24.95	18.65	33.01	PASS
	8	0	22.98	23.85	18.33	33.01	PASS
		4	22.81	23.96	18.15	33.01	PASS
		7	22.66	23.92	17.92	33.01	PASS
	15	0	22.84	23.90	18.13	33.01	PASS
16QAM	1		23.13	23.91	19.10	33.01	PASS
		7	23.02	24.22	18.84	33.01	PASS
		14	22.63	24.17	18.29	33.01	PASS
	8	0	22.05	22.80	17.47	33.01	PASS
		4	21.92	22.92	17.26	33.01	PASS
		7	21.74	22.91	17.09	33.01	PASS
	15	0	21.86	22.80	17.16	33.01	PASS

LTE Band 2 - 5MHz

Modulation	RB Allocation		Conducted Power (dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	1	0	23.96	24.51	20.06	33.01	PASS
		13	23.59	24.94	19.40	33.01	PASS
		24	22.98	24.99	18.68	33.01	PASS
	12	0	22.91	23.80	18.96	33.01	PASS
		6	22.65	23.93	18.55	33.01	PASS
		13	22.28	23.98	18.01	33.01	PASS
	25	0	22.60	23.90	18.52	33.01	PASS
16QAM	1	0	23.05	23.75	18.93	33.01	PASS
		13	22.74	24.28	18.34	33.01	PASS
		24	22.15	24.28	17.59	33.01	PASS
	12	0	21.90	22.79	17.91	33.01	PASS
		6	21.68	22.93	17.48	33.01	PASS
		13	21.33	22.98	16.95	33.01	PASS
	25	0	21.69	22.87	17.49	33.01	PASS

LTE Band 2 - 10MHz

Modulation	RB Allocation		Conducted Power (dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	1	0	23.97	23.93	21.77	33.01	PASS
		25	23.06	25.08	20.32	33.01	PASS
		49	21.53	25.06	18.67	33.01	PASS
	25	0	22.69	23.68	20.15	33.01	PASS
		13	21.98	23.92	19.34	33.01	PASS
		25	21.34	24.02	18.39	33.01	PASS
	50	0	22.10	23.84	19.43	33.01	PASS
16QAM	1	0	23.01	23.12	21.31	33.01	PASS
		25	22.16	24.21	19.93	33.01	PASS
		49	20.55	24.23	18.36	33.01	PASS
	25	0	21.78	22.65	19.19	33.01	PASS
		13	21.10	22.92	18.37	33.01	PASS
		25	20.43	23.01	17.46	33.01	PASS
	50	0	21.13	22.85	18.47	33.01	PASS

LTE Band 2 - 15MHz

Modulation	RB Allocation		Conducted Power (dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	1	0	23.87	23.05	23.30	33.01	PASS
		38	22.10	24.94	21.10	33.01	PASS
		74	19.90	24.91	18.69	33.01	PASS
	36	0	22.27	23.32	21.28	33.01	PASS
		18	21.28	23.83	20.34	33.01	PASS
		39	20.00	24.03	18.95	33.01	PASS
	75	0	21.24	23.62	20.26	33.01	PASS
16QAM	1	0	23.29	22.26	22.86	33.01	PASS
		38	21.60	24.11	20.65	33.01	PASS
		74	19.27	24.04	18.38	33.01	PASS
	36	0	21.24	22.23	20.26	33.01	PASS
		18	20.30	22.85	19.34	33.01	PASS
		39	18.96	23.05	17.94	33.01	PASS
	75	0	20.26	22.62	19.25	33.01	PASS

LTE Band 2 - 20MHz

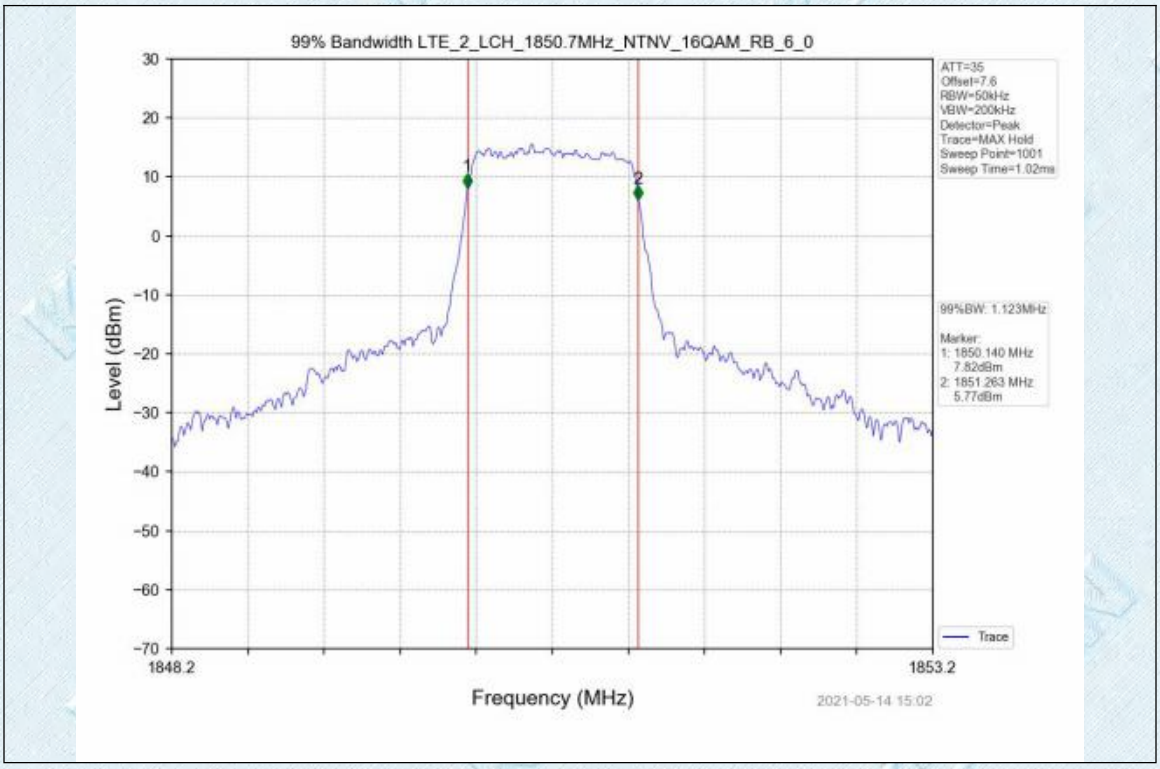
Modulation	RB Allocation		Conducted Power (dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	1	0	23.71	21.89	24.32	33.01	PASS
		50	21.36	25.09	22.13	33.01	PASS
		99	20.69	24.68	18.78	33.01	PASS
	50	0	21.90	22.92	22.17	33.01	PASS
		25	20.36	23.81	20.96	33.01	PASS
		50	19.58	23.89	19.34	33.01	PASS
	100	0	20.77	23.40	20.88	33.01	PASS
16QAM	1	0	23.31	21.02	23.55	33.01	PASS
		50	21.00	24.33	21.37	33.01	PASS
		99	20.21	23.86	18.13	33.01	PASS
	50	0	20.92	21.90	21.08	33.01	PASS
		25	19.37	22.80	19.90	33.01	PASS
		50	18.51	22.88	18.28	33.01	PASS
	100	0	19.78	22.36	19.87	33.01	PASS

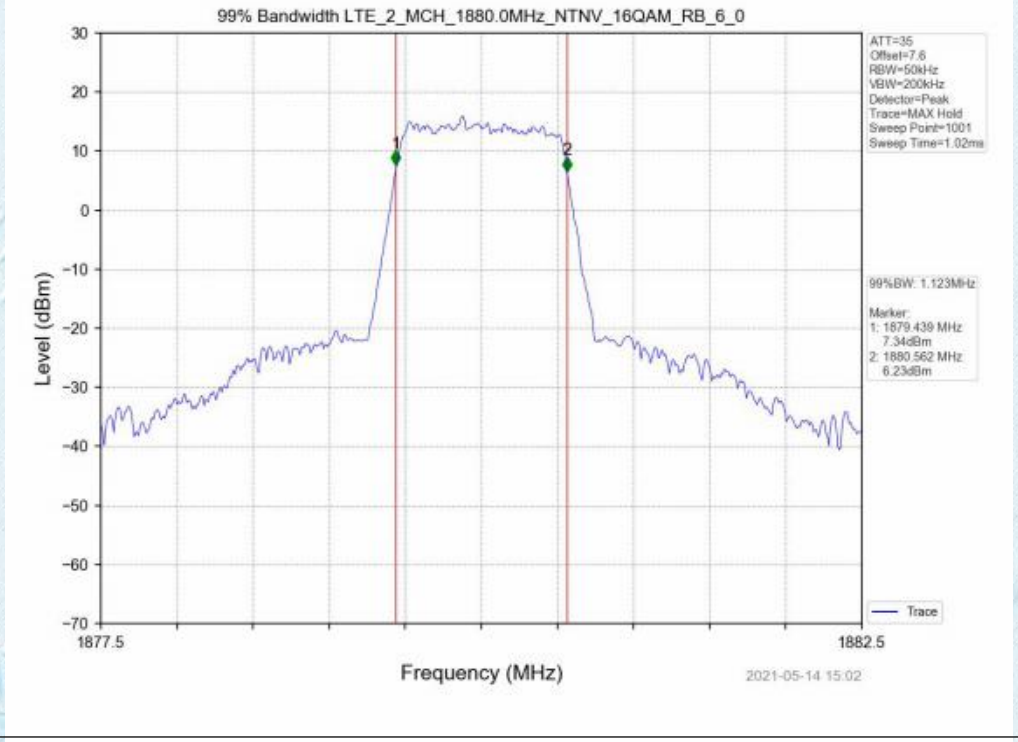
2. 99% & 26dB Bandwidth

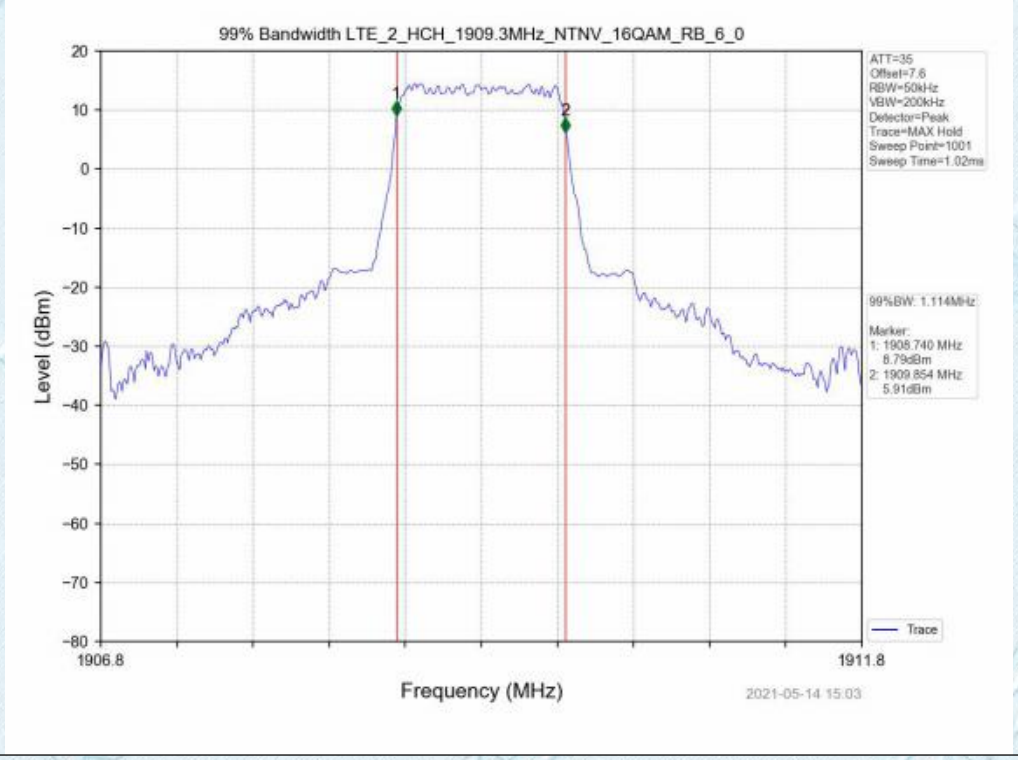
2.1 Test Result

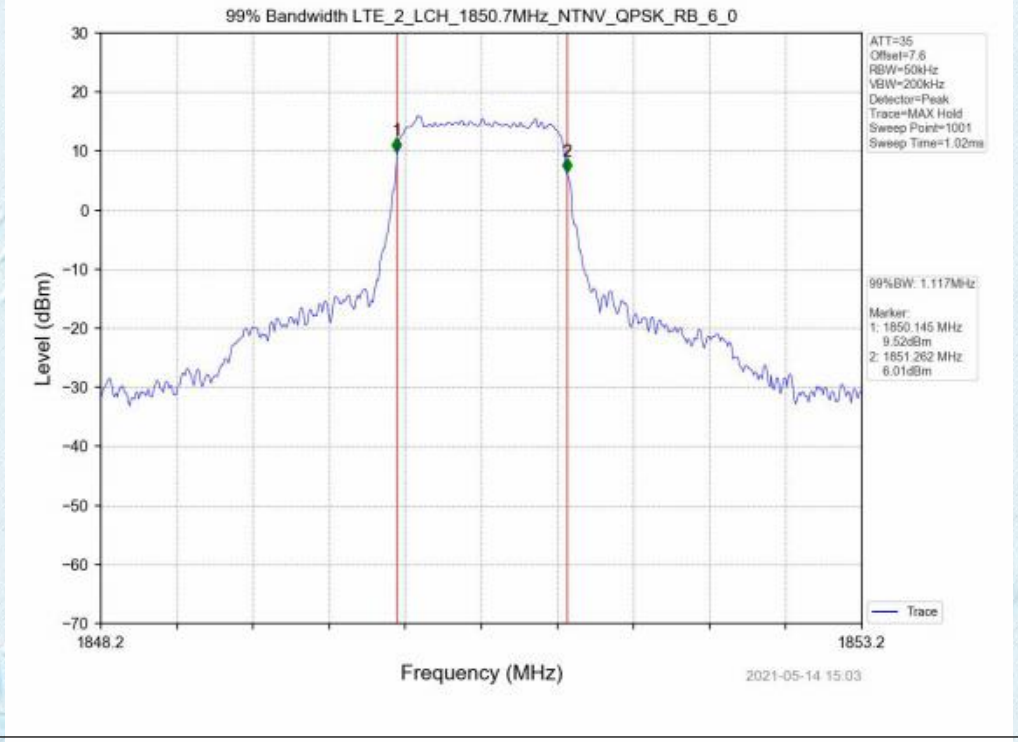
Test Band: 2 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.117	1.131	1.119	N/A	PASS
16QAM	6	0	1.123	1.123	1.114	N/A	PASS

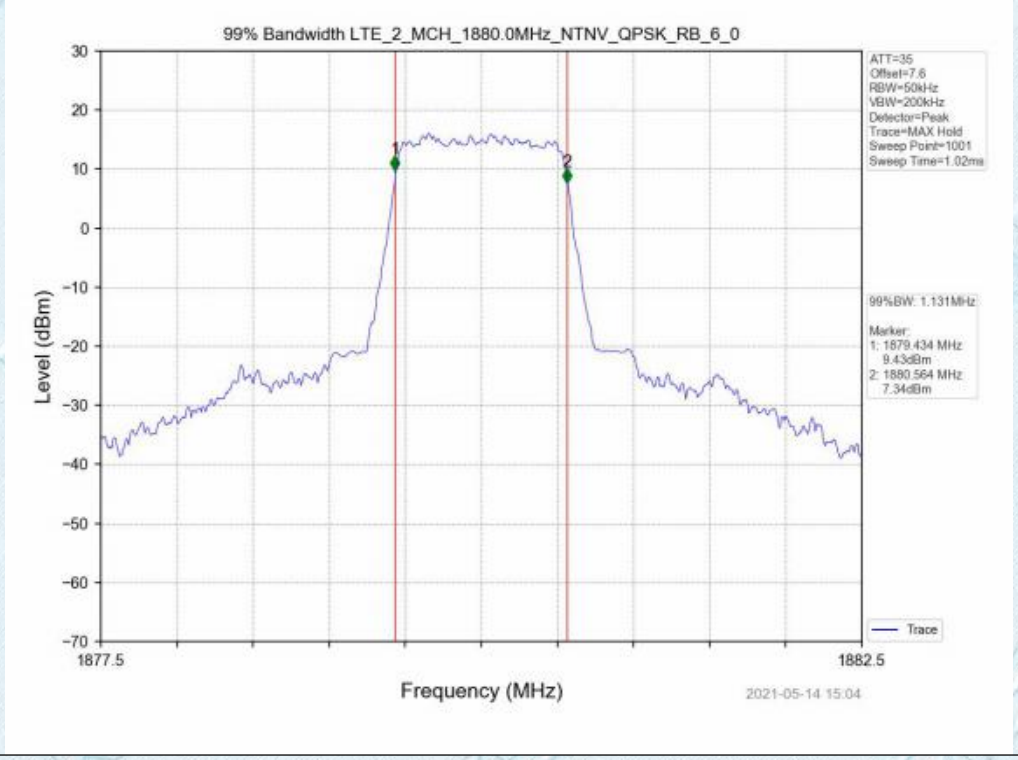
Test Graph

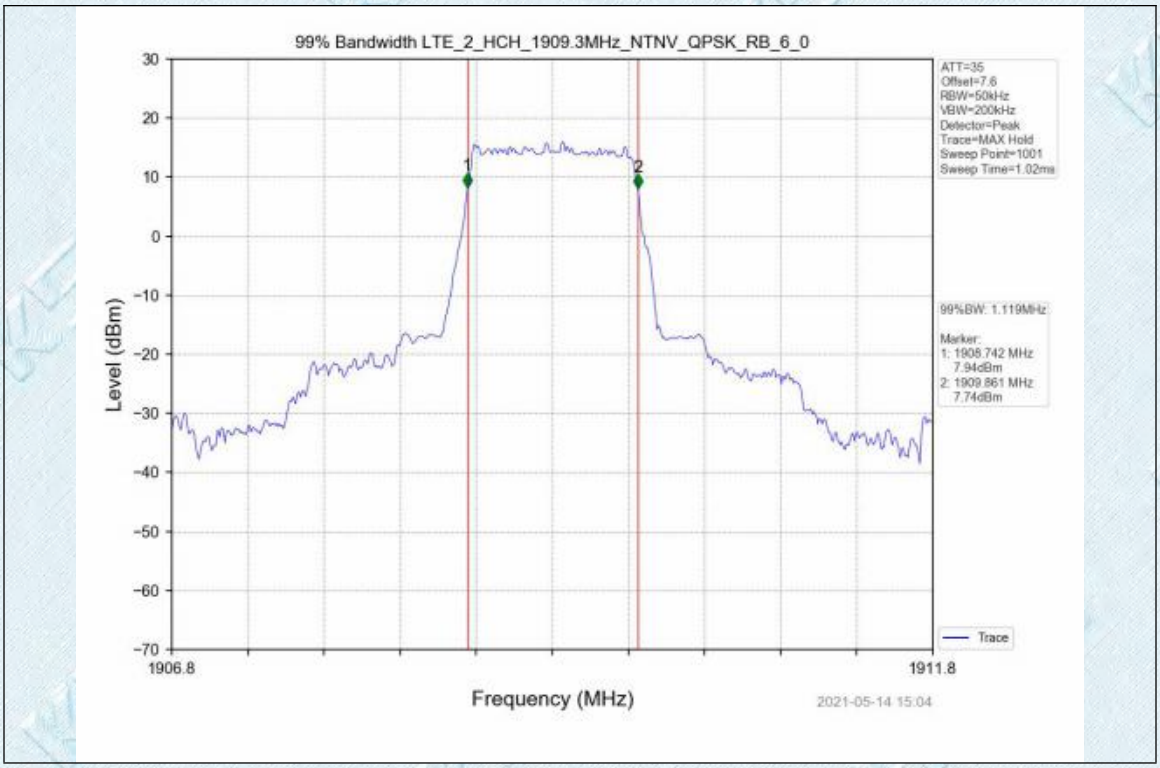



99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.02ms
99%BW: 1.123MHz
Marker:
1: 1879.439 MHz
7.34dBm
2: 1880.562 MHz
6.23dBm
Trace
Level (dBm)
Frequency (MHz)
1877.5
1882.5
2021-05-14 15:02


99% Bandwidth LTE_2_HCH_1909.3MHz_NTNV_16QAM_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.02ms
99%BW: 1.114MHz
Marker:
1: 1908.740 MHz
8.79dBm
2: 1909.854 MHz
5.91dBm
Trace
Level (dBm)
Frequency (MHz)
1906.8
1911.8
2021-05-14 15:03

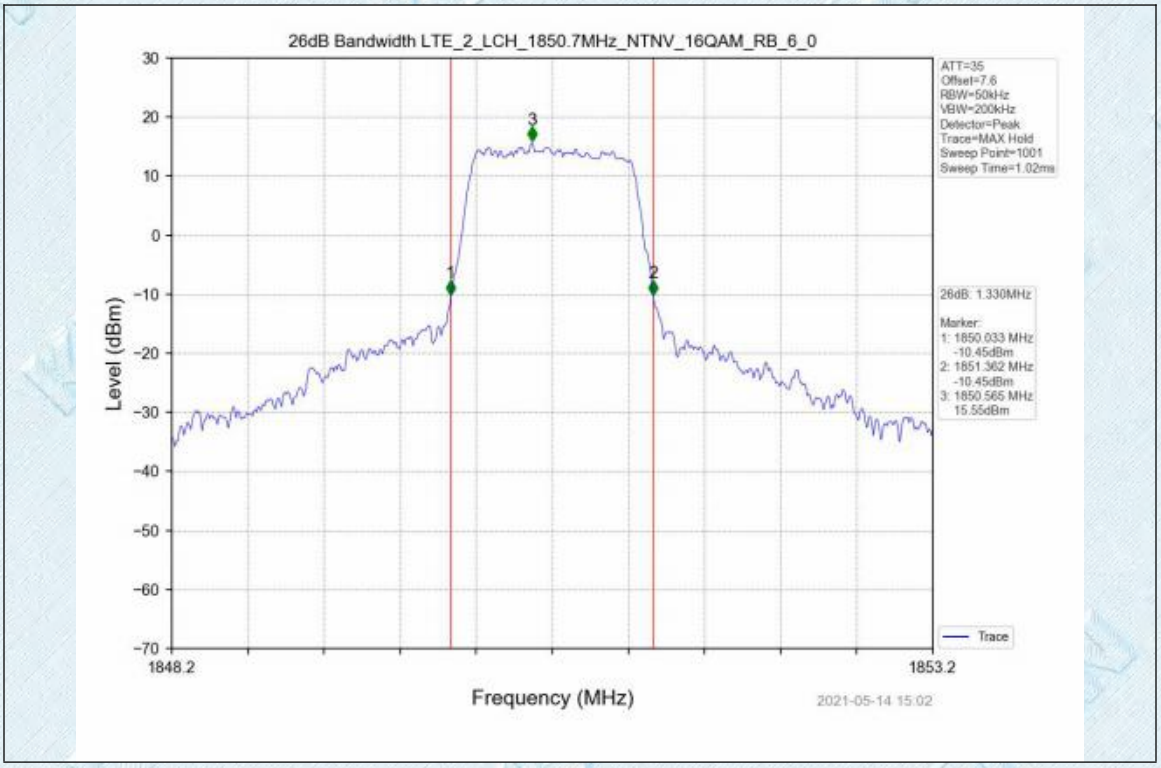

99% Bandwidth LTE_2_LCH_1850.7MHz_NTNV_QPSK_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.02ms
99%BW: 1.117MHz
Marker:
1: 1850.145 MHz
9.52dBm
2: 1851.262 MHz
6.01dBm
Trace
Level (dBm)
Frequency (MHz)
1848.2
1853.2
2021-05-14 15:03

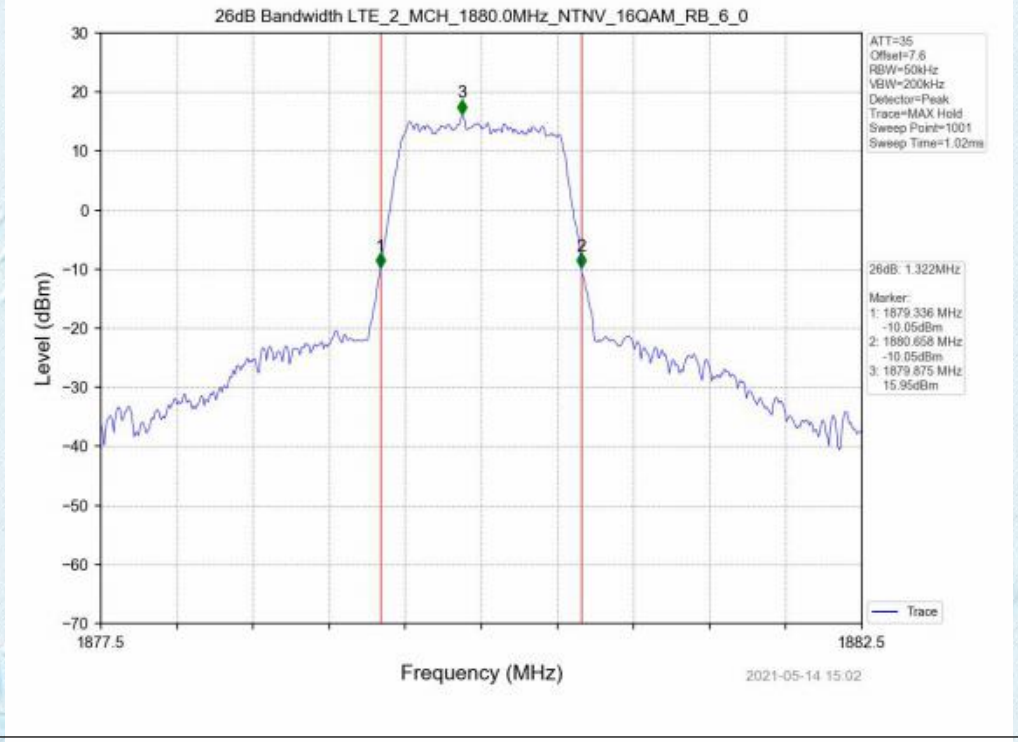

99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.02ms
99%BW: 1.131MHz
Marker:
1: 1879.434 MHz
9.43dBm
2: 1880.564 MHz
7.34dBm
Trace
Level (dBm)
Frequency (MHz)
1877.5
1882.5
2021-05-14 15:04

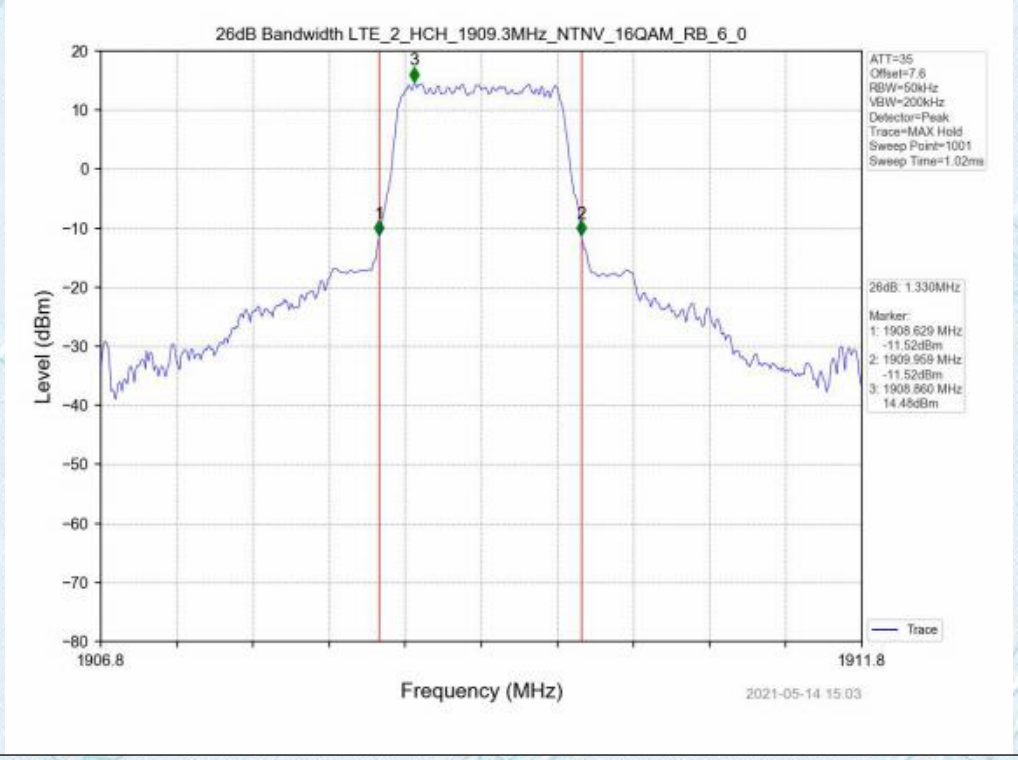

99% Bandwidth LTE_2_HCH_1909.3MHz_NTNV_QPSK_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.02ms
99%BW: 1.119MHz
Marker:
1: 1908.742 MHz
7.94dBm
2: 1909.861 MHz
7.74dBm
Trace
Level (dBm)
Frequency (MHz)
1906.8
1911.8
2021-05-14 15:04

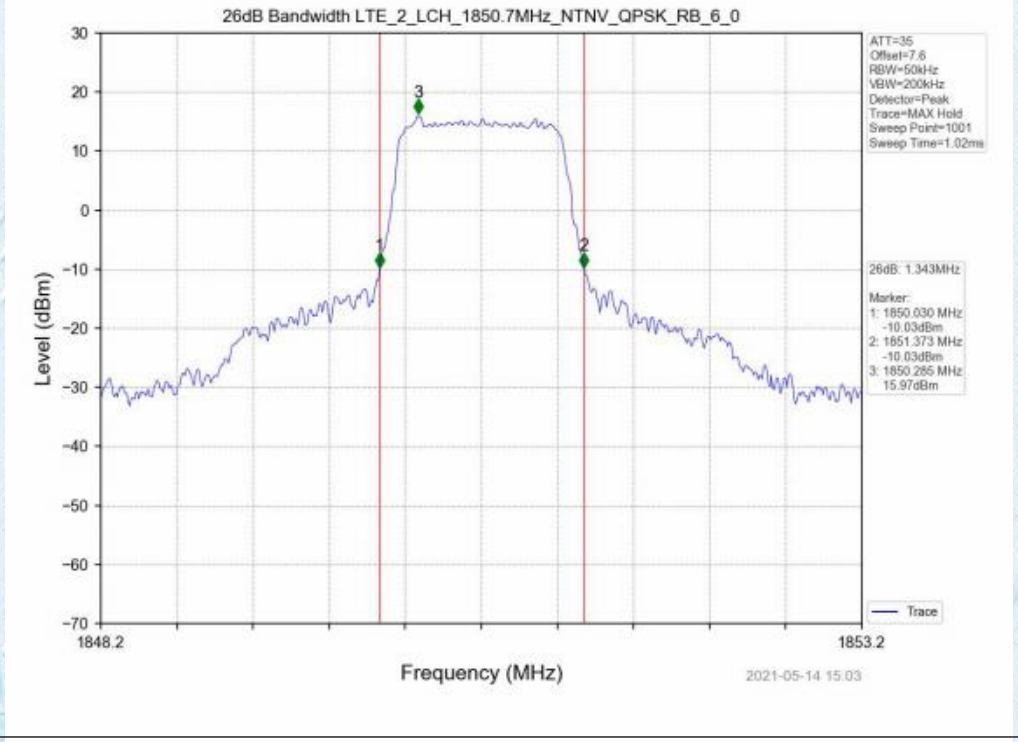
Test Band: 2 _ 1.4MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	6	0	1.343	1.336	1.338	N/A	PASS
16QAM	6	0	1.330	1.322	1.330	N/A	PASS

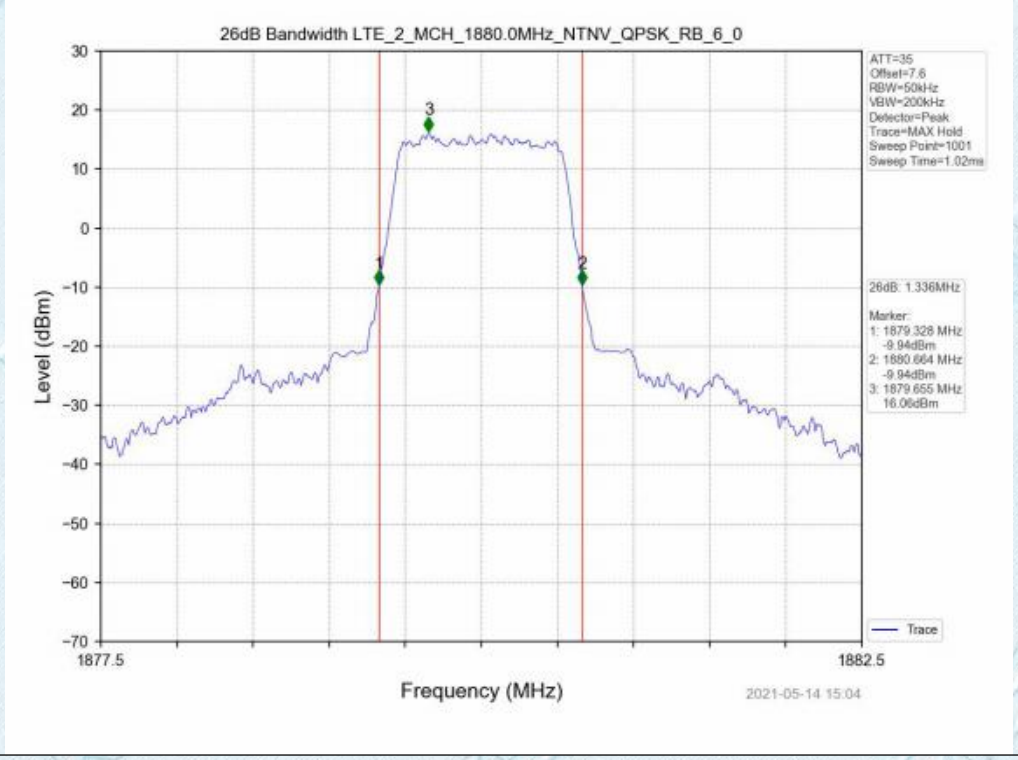
Test Graph

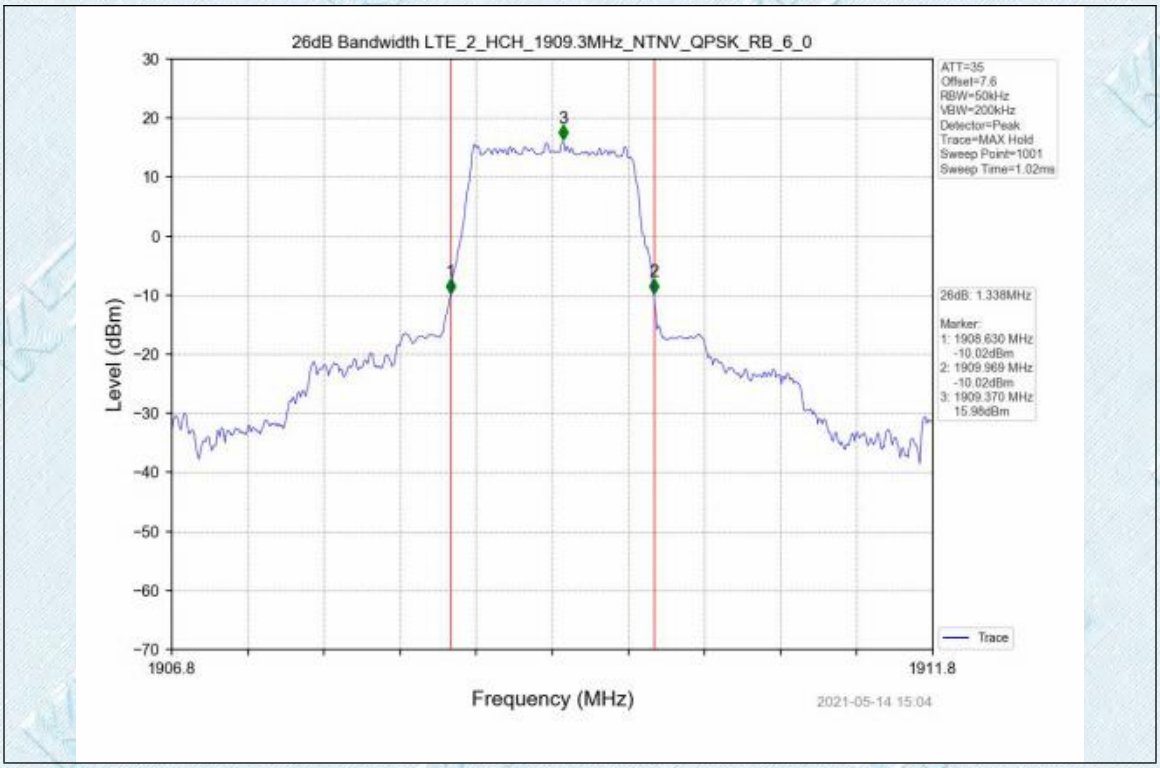



26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.02ms
26dB: 1.322MHz
Marker:
1: 1879.336 MHz
-10.05dBm
2: 1880.658 MHz
-10.05dBm
3: 1879.875 MHz
15.95dBm
Trace
Level (dBm)
Frequency (MHz)
1877.5
1882.5
2021-05-14 15:02


26dB Bandwidth LTE_2_HCH_1909.3MHz_NTNV_16QAM_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.02ms
26dB: 1.330MHz
Marker:
1: 1908.629 MHz
-11.52dBm
2: 1909.959 MHz
-11.52dBm
3: 1908.860 MHz
14.48dBm
Trace
Level (dBm)
Frequency (MHz)
1906.8
1911.8
2021-05-14 15:03

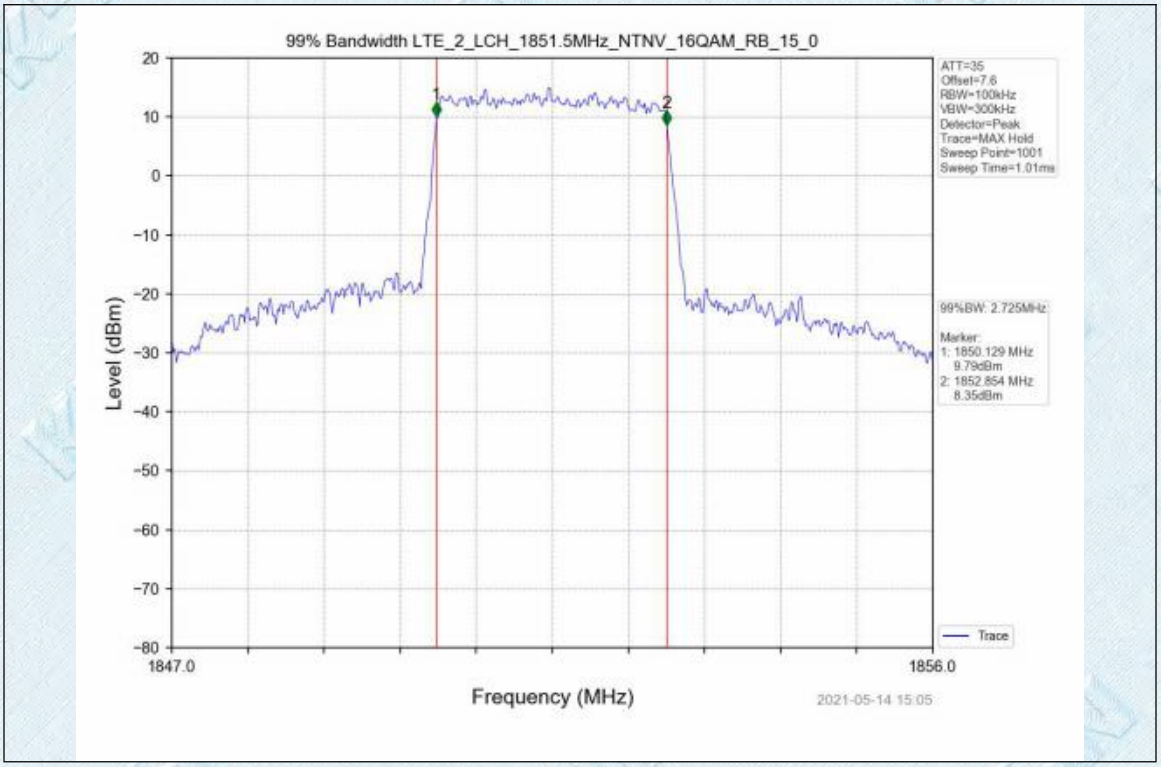

26dB Bandwidth LTE_2_LCH_1850.7MHz_NTNV_QPSK_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.02ms
26dB: 1.343MHz
Marker:
1: 1850.030 MHz
-10.03dBm
2: 1851.373 MHz
-10.03dBm
3: 1850.265 MHz
15.97dBm
Trace
Level (dBm)
Frequency (MHz)
1848.2
1853.2
2021-05-14 15:03

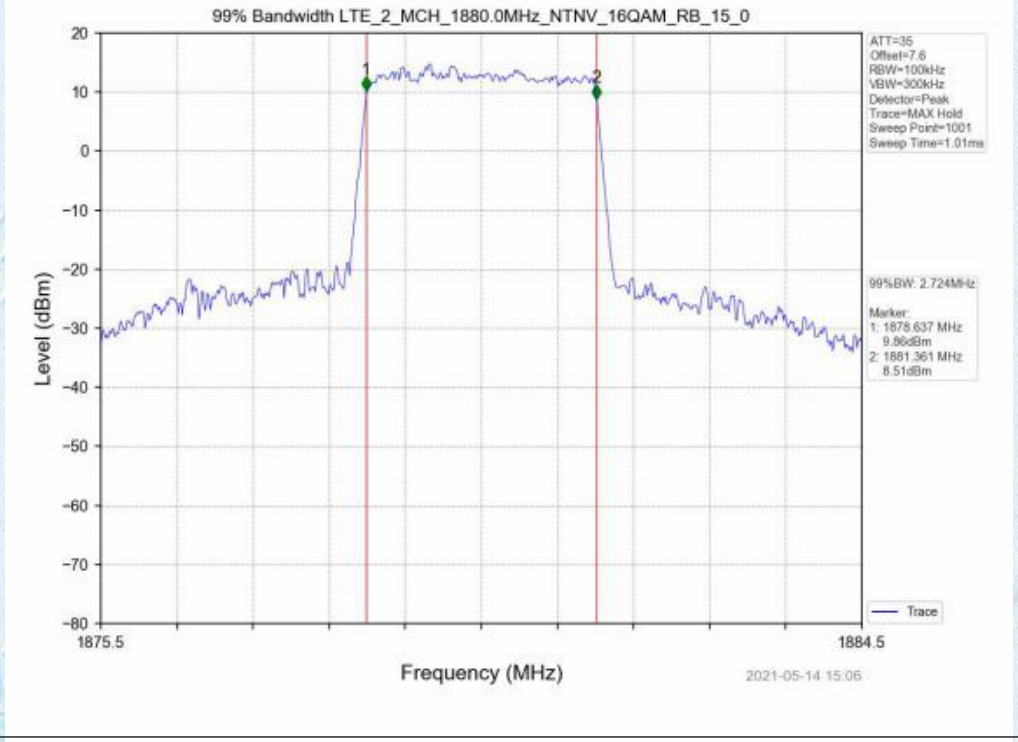

26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.02ms
26dB: 1.336MHz
Marker:
1: 1879.328 MHz
-9.94dBm
2: 1880.664 MHz
-9.94dBm
3: 1879.655 MHz
16.06dBm
Trace
Level (dBm)
Frequency (MHz)
1877.5
1882.5
2021-05-14 15:04

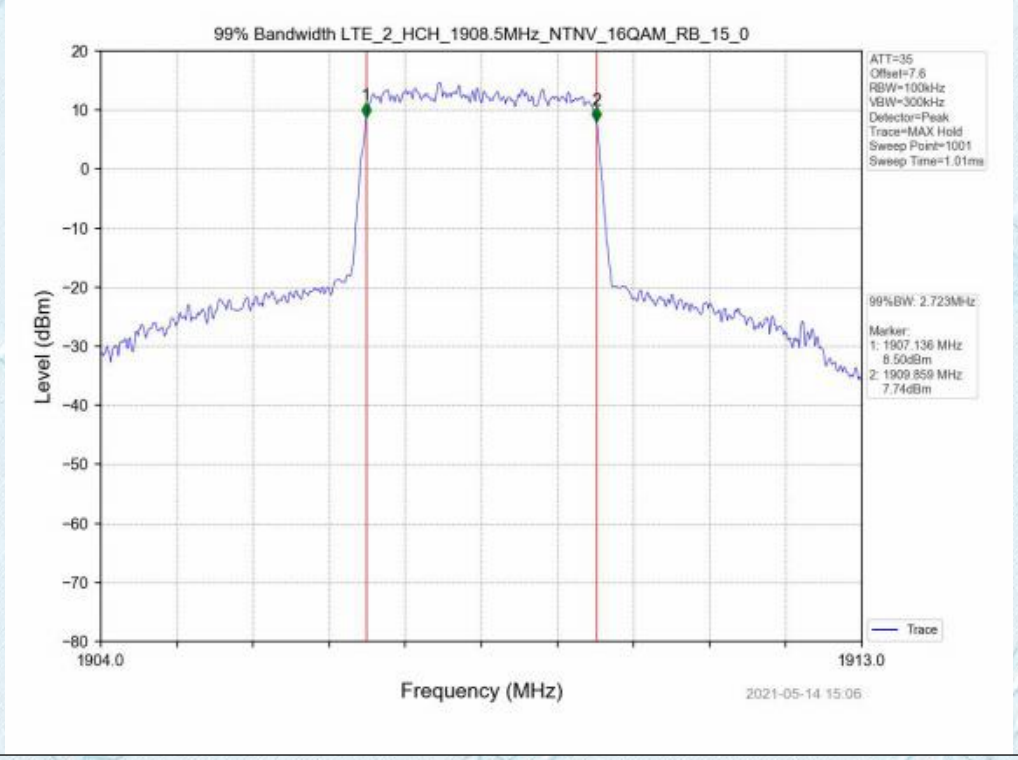

26dB Bandwidth LTE_2_HCH_1909.3MHz_NTNV_QPSK_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.02ms
26dB: 1.338MHz
Marker:
1: 1908.630 MHz
-10.02dBm
2: 1909.969 MHz
-10.02dBm
3: 1909.370 MHz
15.96dBm
Trace
Level (dBm)
Frequency (MHz)
1906.8
1911.8
2021-05-14 15:04

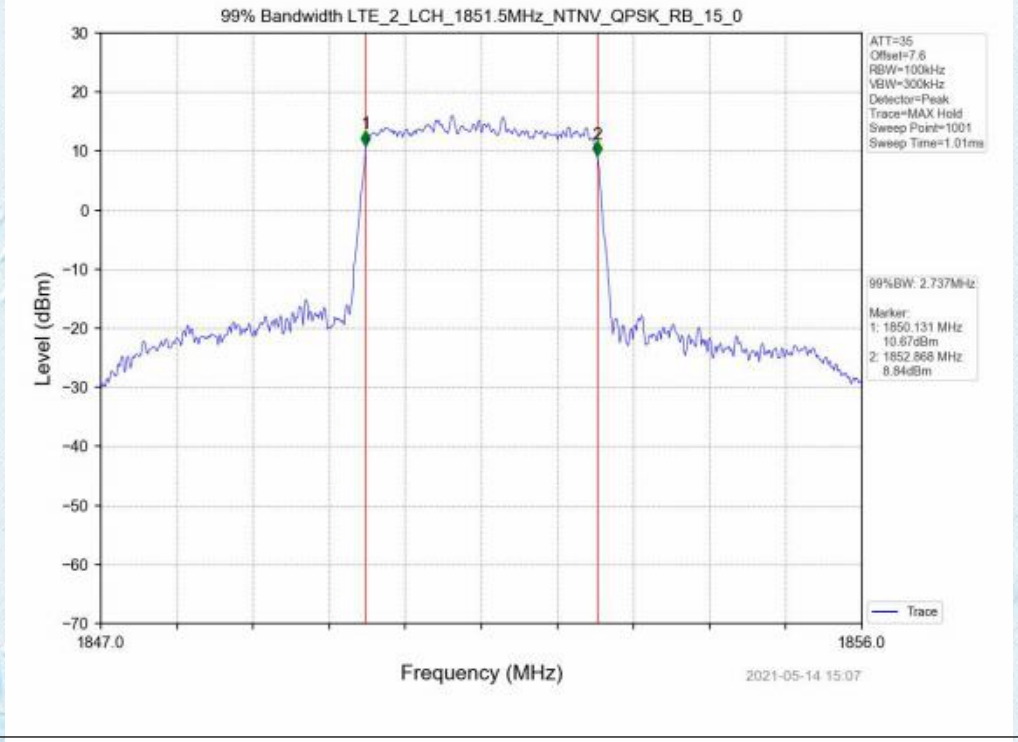
Test Band: 2 _ 3MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	2.737	2.728	2.735	N/A	PASS
16QAM	15	0	2.725	2.724	2.723	N/A	PASS

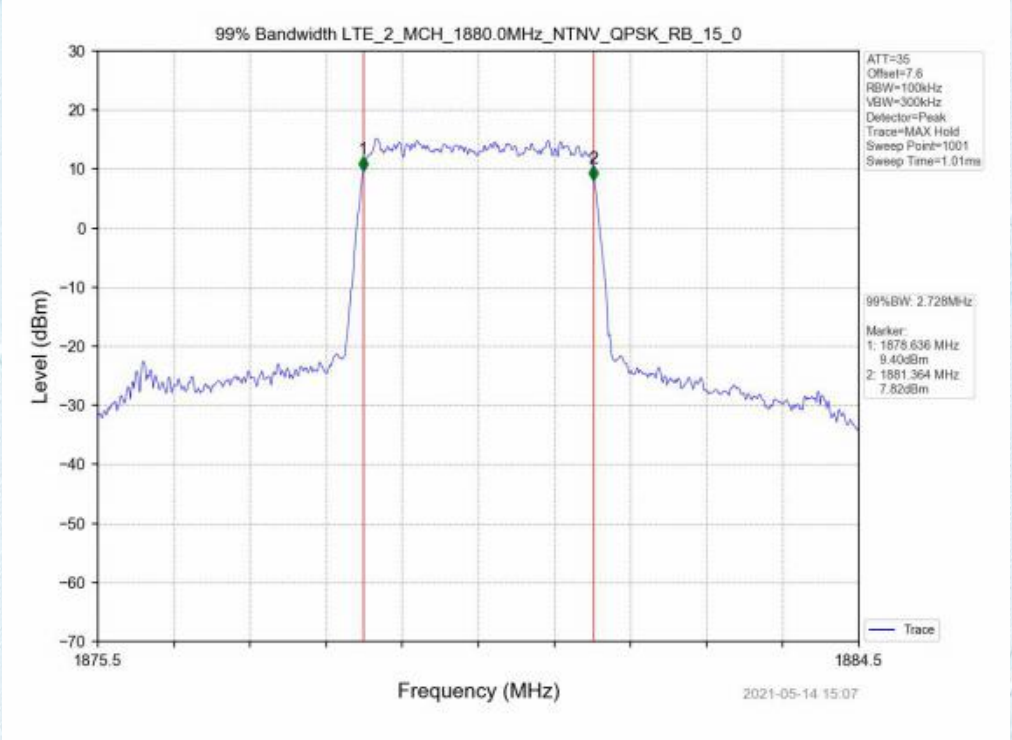
Test Graph

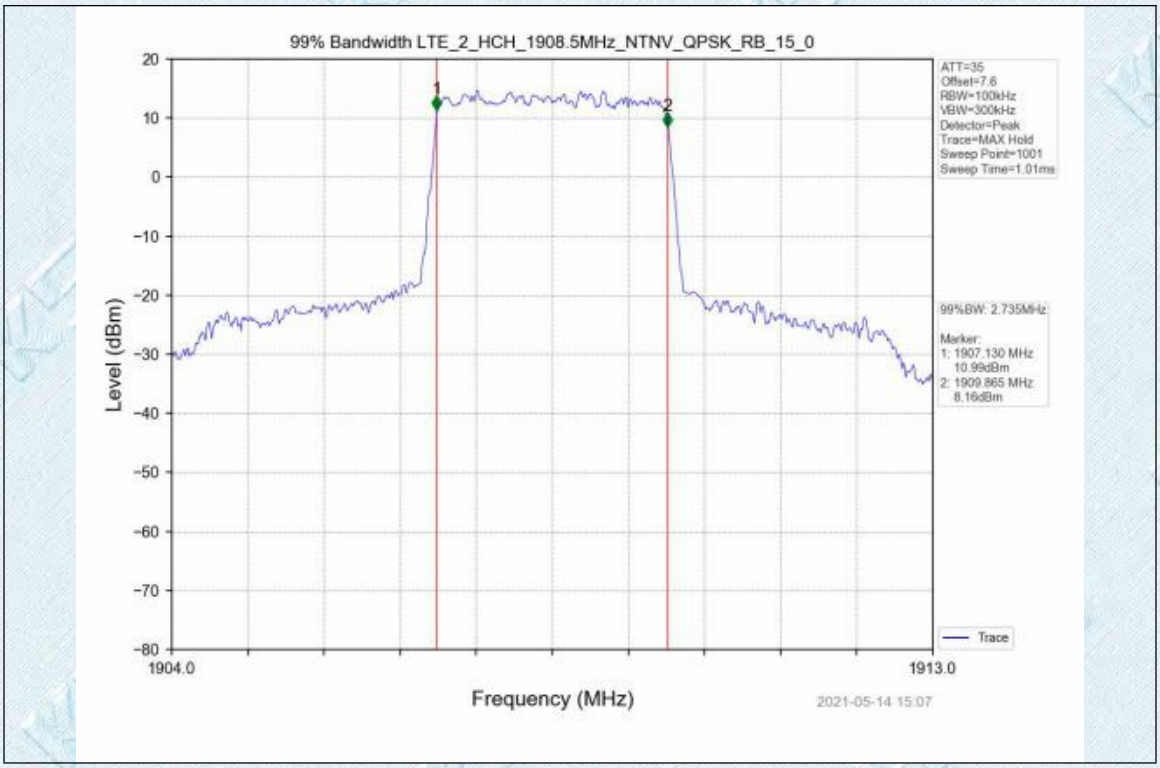



99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 2.724MHz
Marker:
1: 1878.637 MHz
9.86dBm
2: 1881.361 MHz
8.51dBm
Trace
Level (dBm)
Frequency (MHz)
1875.5
1884.5
2021-05-14 15:06


99% Bandwidth LTE_2_HCH_1908.5MHz_NTNV_16QAM_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 2.723MHz
Marker:
1: 1907.136 MHz
8.50dBm
2: 1909.859 MHz
7.74dBm
Trace
Level (dBm)
Frequency (MHz)
1904.0
1913.0
2021-05-14 15:06

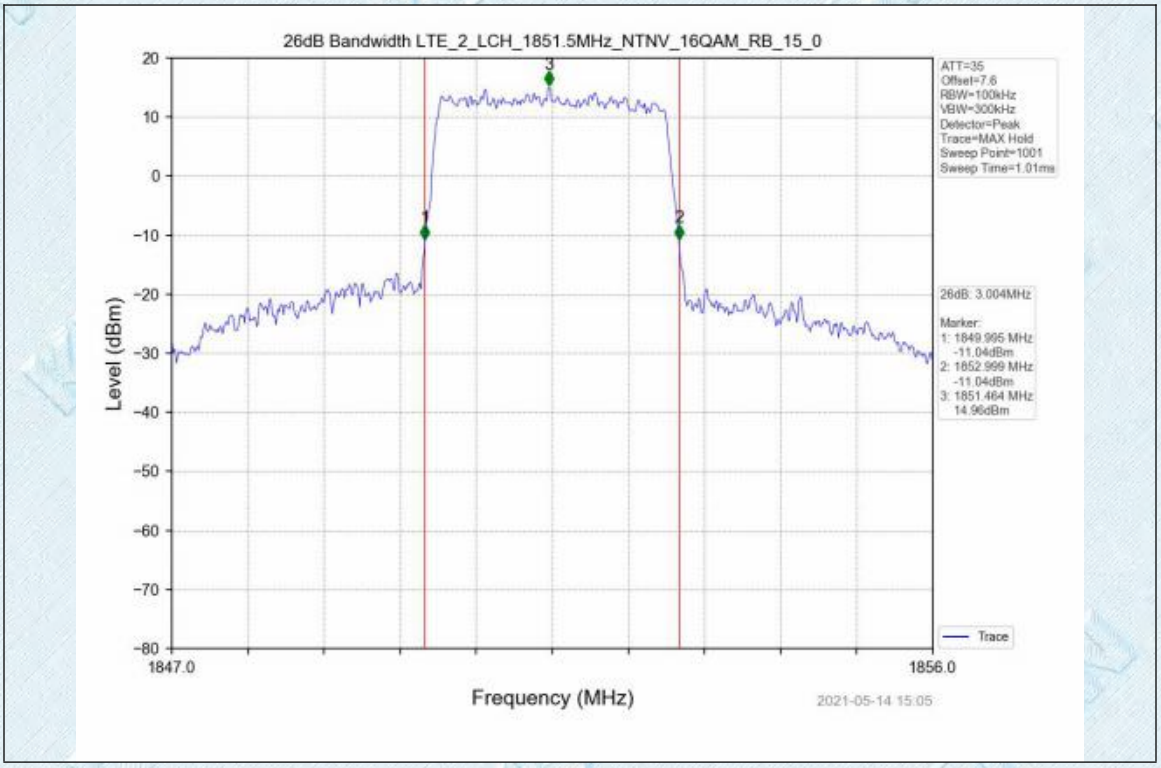

99% Bandwidth LTE_2_LCH_1851.5MHz_NTNV_QPSK_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 2.737MHz
Marker:
1: 1850.131 MHz
10.67dBm
2: 1852.868 MHz
8.84dBm
Trace
Level (dBm)
Frequency (MHz)
1847.0
1856.0
2021-05-14 15:07

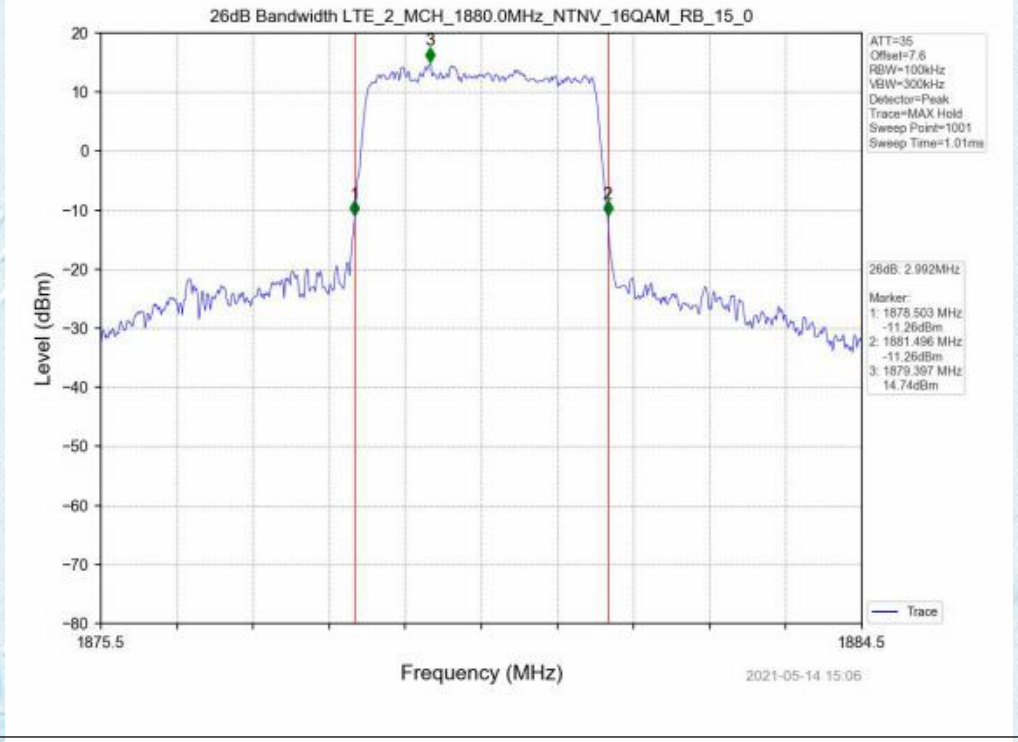

99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 2.728MHz
Marker:
1: 1878.636 MHz
9.40dBm
2: 1881.364 MHz
7.82dBm
Trace
Level (dBm)
Frequency (MHz)
1875.5
1884.5
2021-05-14 15:07

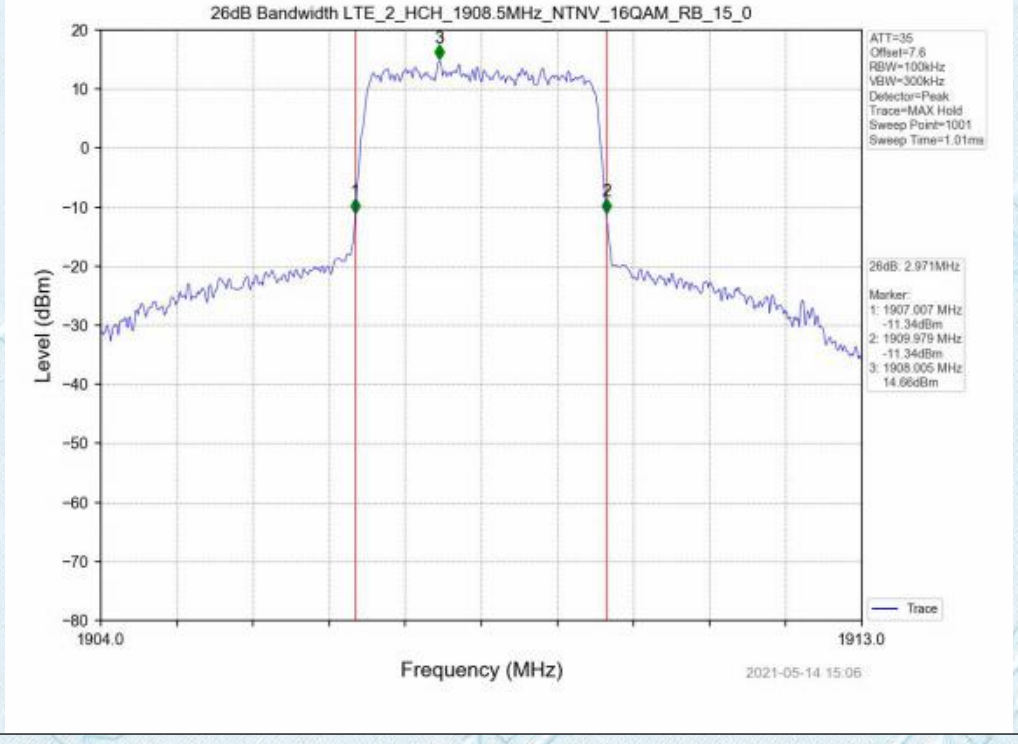

99% Bandwidth LTE_2_HCH_1908.5MHz_NTNV_QPSK_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 2.735MHz
Marker:
1: 1907.130 MHz
10.99dBm
2: 1909.865 MHz
8.16dBm
Trace
Level (dBm)
Frequency (MHz)
1904.0
1913.0
2021-05-14 15:07

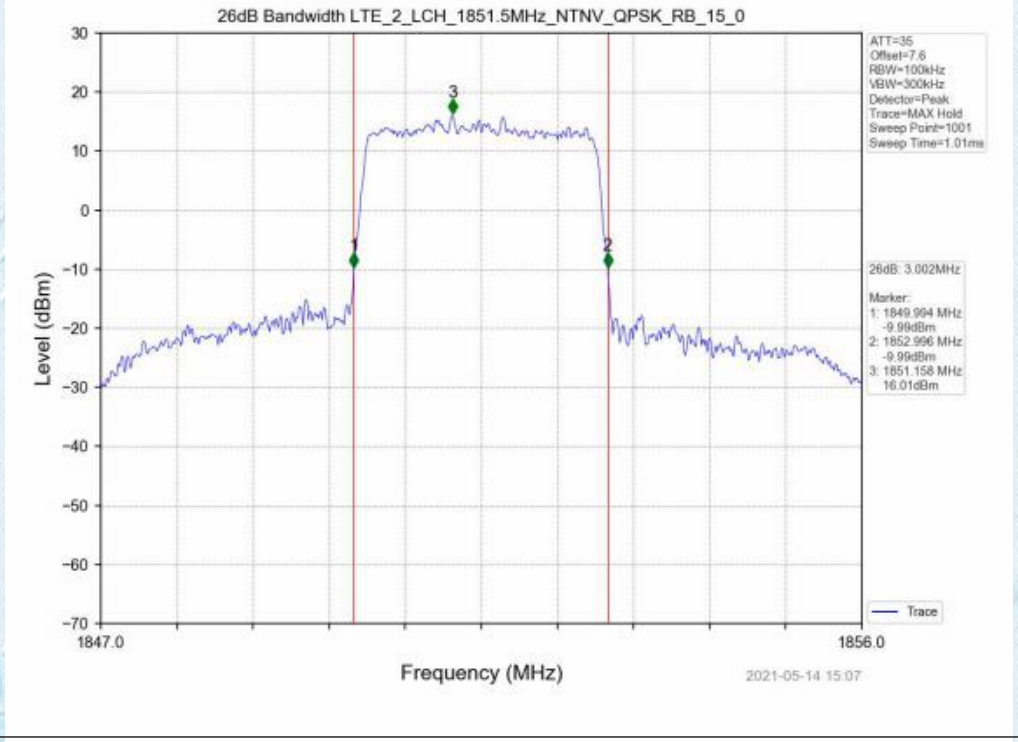
Test Band: 2 _ 3MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	15	0	3.002	3.018	2.990	N/A	PASS
16QAM	15	0	3.004	2.992	2.971	N/A	PASS

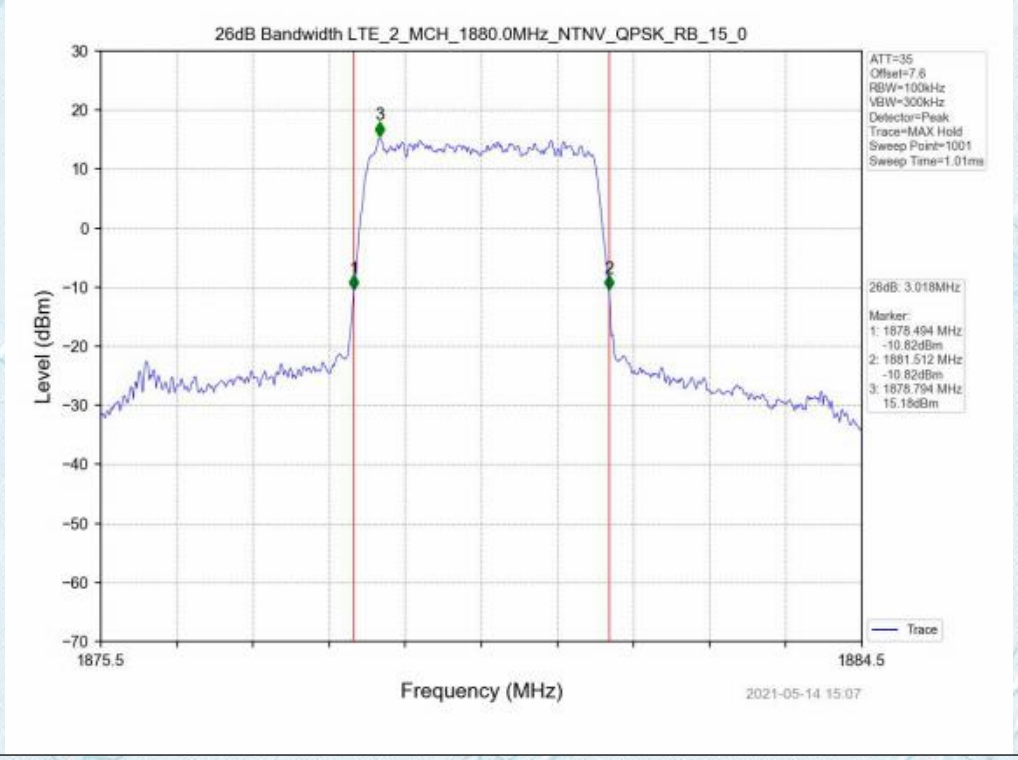
Test Graph

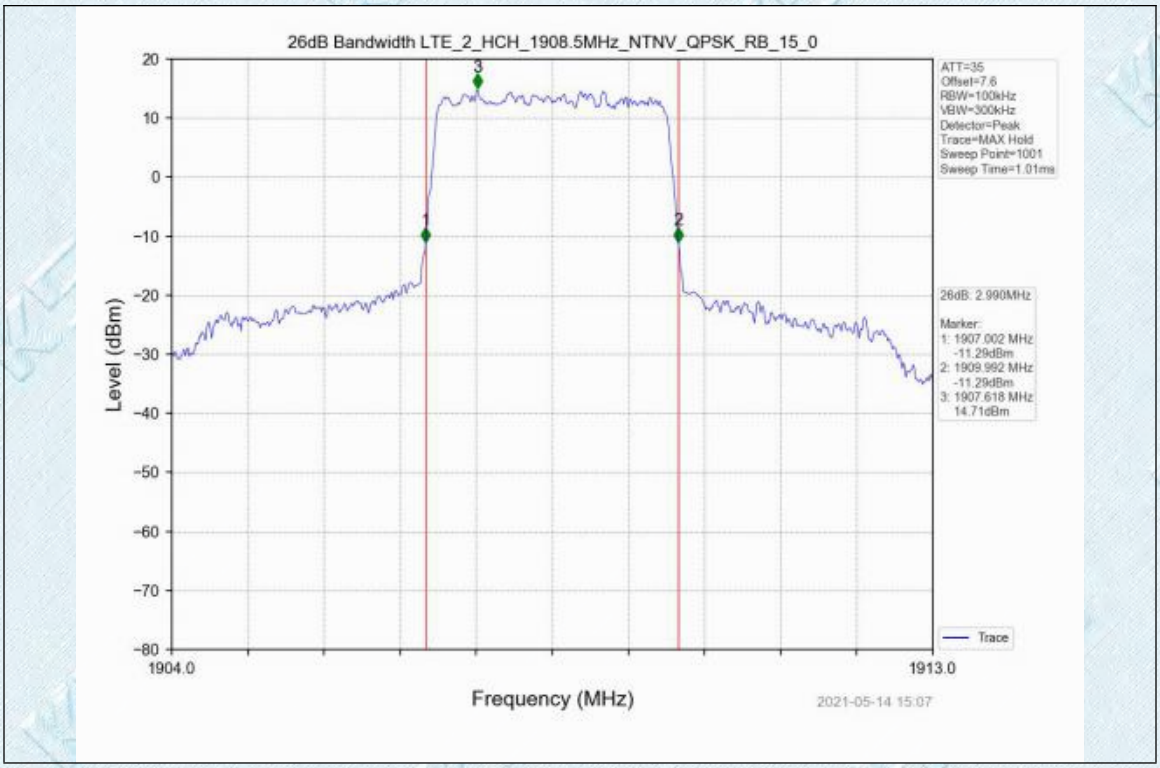



26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 2.992MHz
Marker:
1: 1878.503 MHz
-11.26dBm
2: 1881.496 MHz
-11.26dBm
3: 1879.397 MHz
14.74dBm
Trace
Level (dBm)
Frequency (MHz)
1875.5
1884.5
2021-05-14 15:06


26dB Bandwidth LTE_2_HCH_1908.5MHz_NTNV_16QAM_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 2.971MHz
Marker:
1: 1907.007 MHz
-11.34dBm
2: 1909.979 MHz
-11.34dBm
3: 1908.005 MHz
14.66dBm
Trace
Level (dBm)
Frequency (MHz)
1904.0
1913.0
2021-05-14 15:06


26dB Bandwidth LTE_2_LCH_1851.5MHz_NTNV_QPSK_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 3.002MHz
Marker:
1: 1849.994 MHz
-9.99dBm
2: 1852.996 MHz
-9.99dBm
3: 1851.158 MHz
16.01dBm
Trace
Level (dBm)
Frequency (MHz)
1847.0
1856.0
2021-05-14 15:07

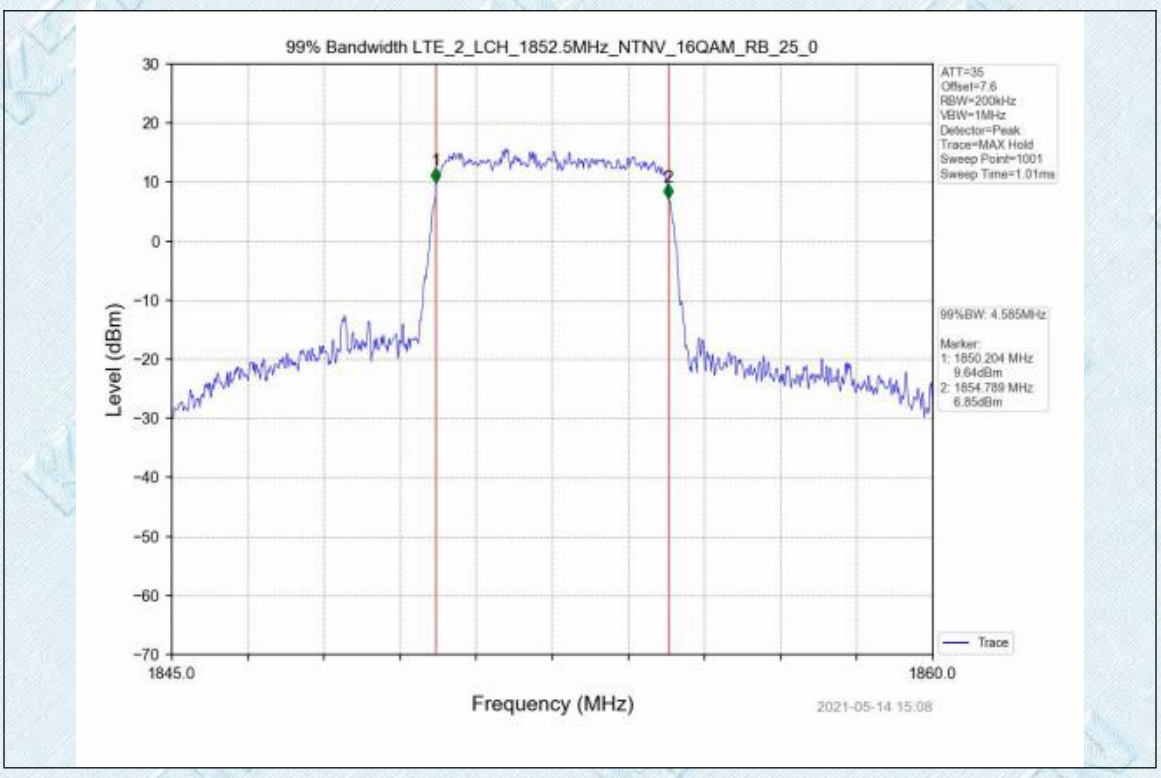

26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 3.018MHz
Marker:
1: 1878.494 MHz
-10.82dBm
2: 1881.512 MHz
-10.82dBm
3: 1878.794 MHz
15.18dBm
Trace
Level (dBm)
Frequency (MHz)
1875.5
1884.5
2021-05-14 15:07

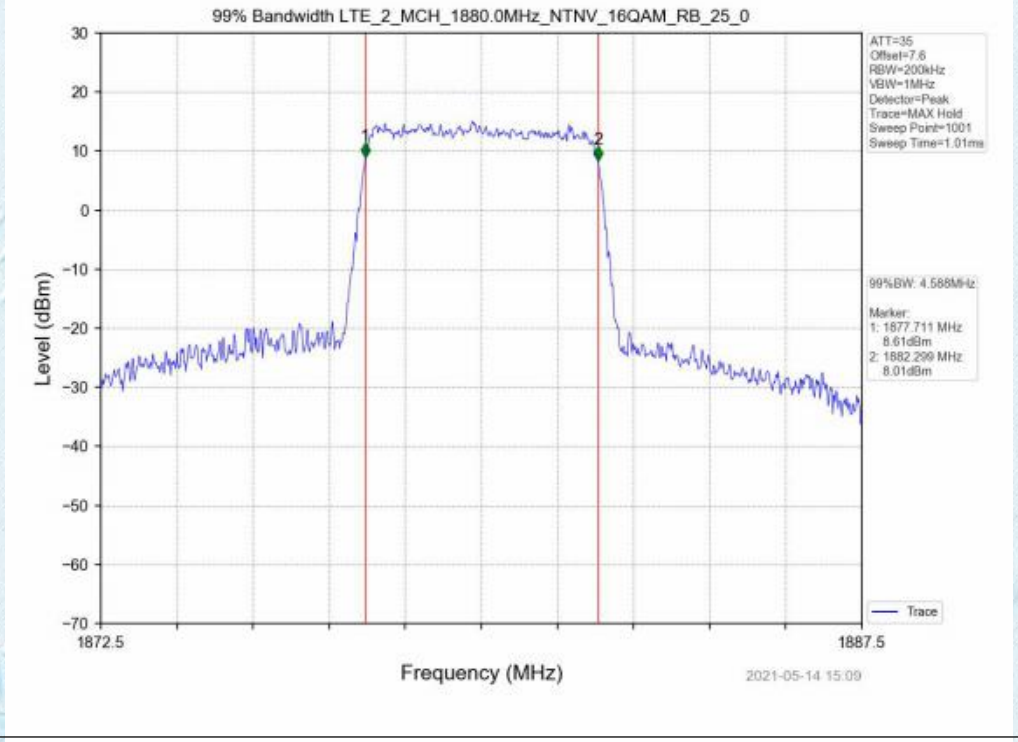


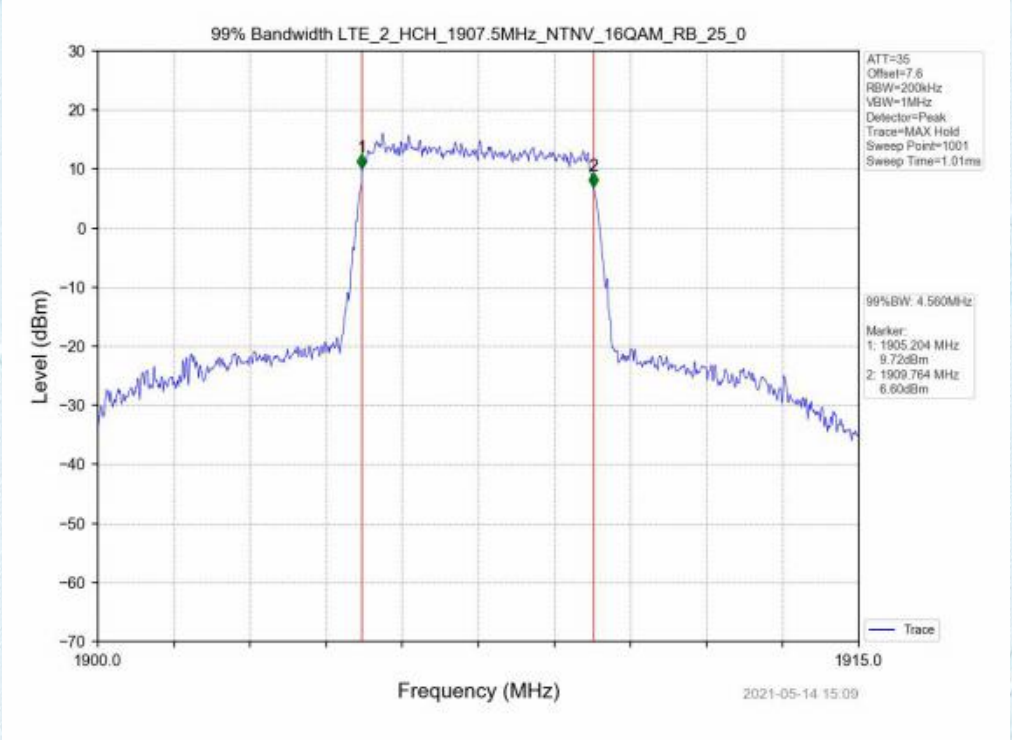
Test Band: 2 _ 5MHz Bandwidth

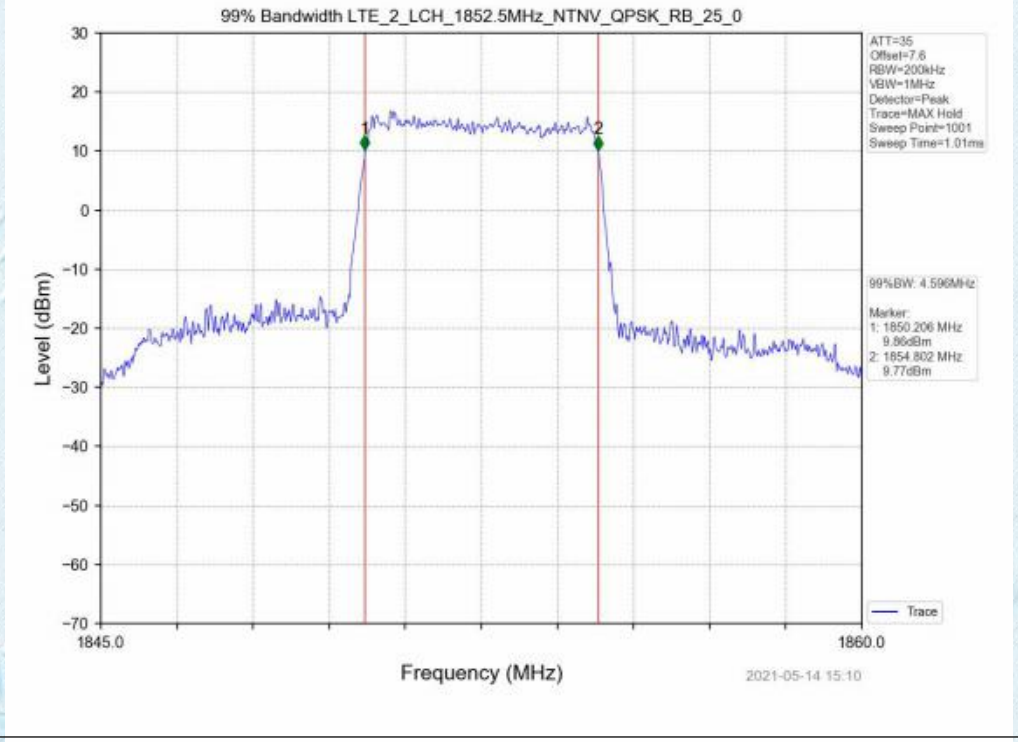
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	4.596	4.578	4.590	N/A	PASS
16QAM	25	0	4.585	4.588	4.560	N/A	PASS

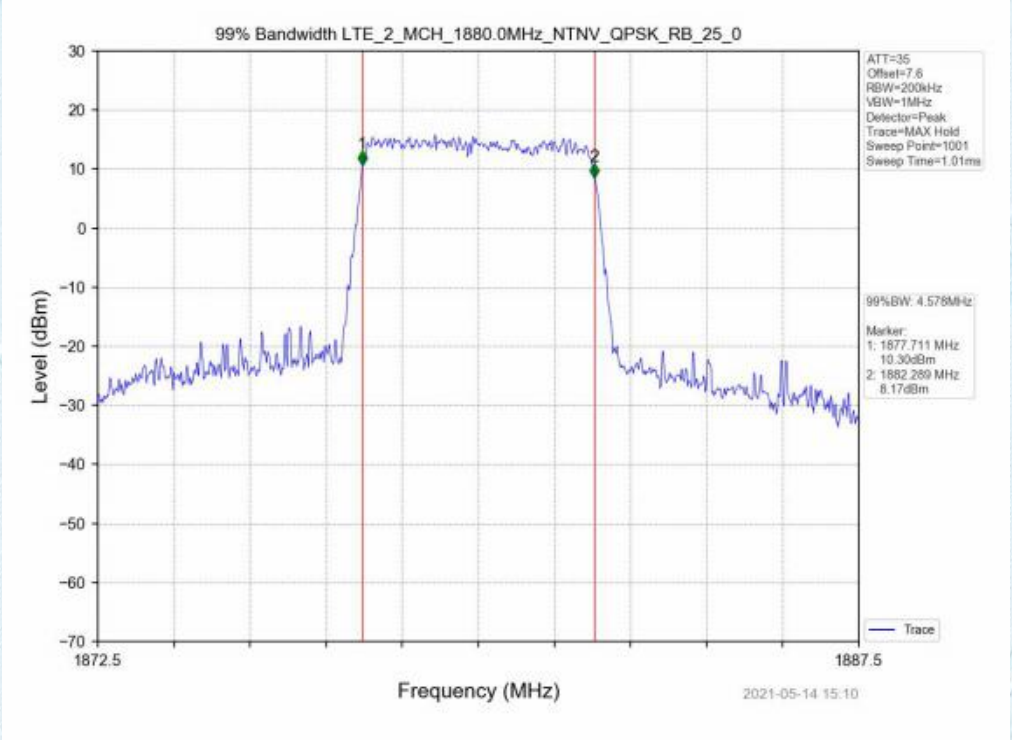
Test Graph

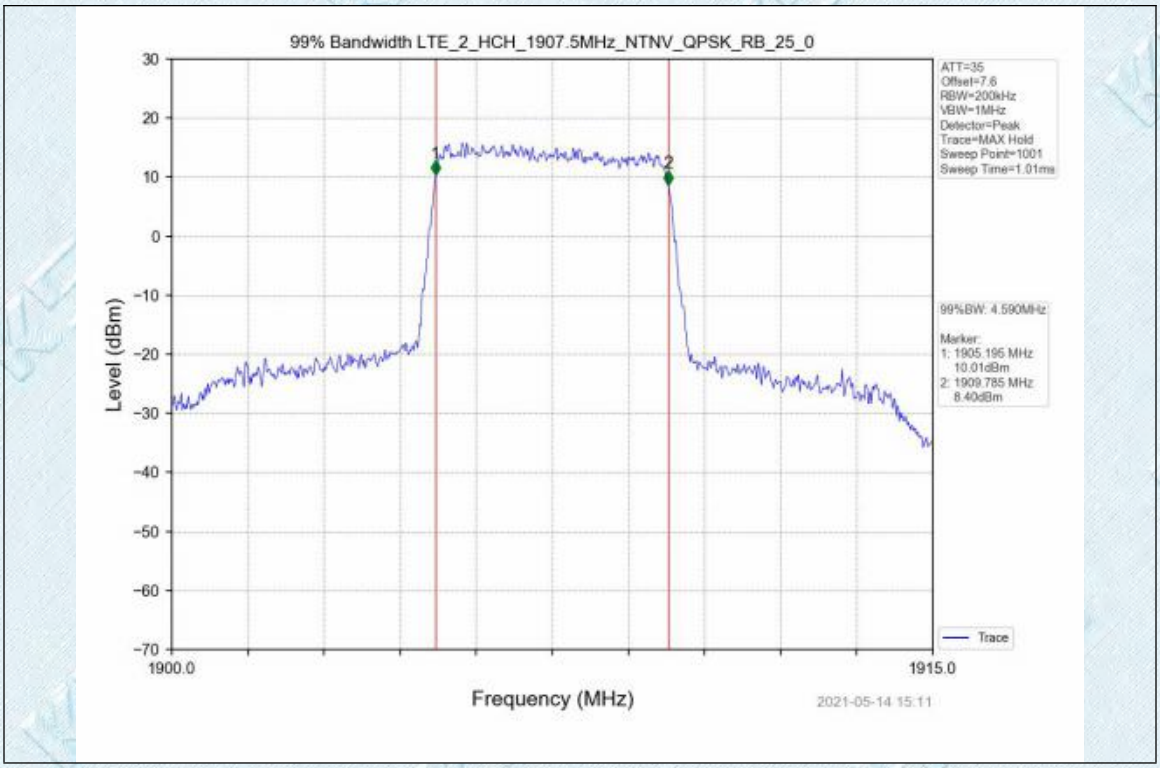



99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 4.588MHz
Marker:
1: 1877.711 MHz
8.61dBm
2: 1882.299 MHz
8.01dBm
Trace
Level (dBm)
Frequency (MHz)
1872.5
1887.5
2021-05-14 15:09


99% Bandwidth LTE_2_HCH_1907.5MHz_NTNV_16QAM_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 4.560MHz
Marker:
1: 1905.204 MHz
9.72dBm
2: 1909.764 MHz
6.60dBm
Trace
Level (dBm)
Frequency (MHz)
1900.0
1915.0
2021-05-14 15:09

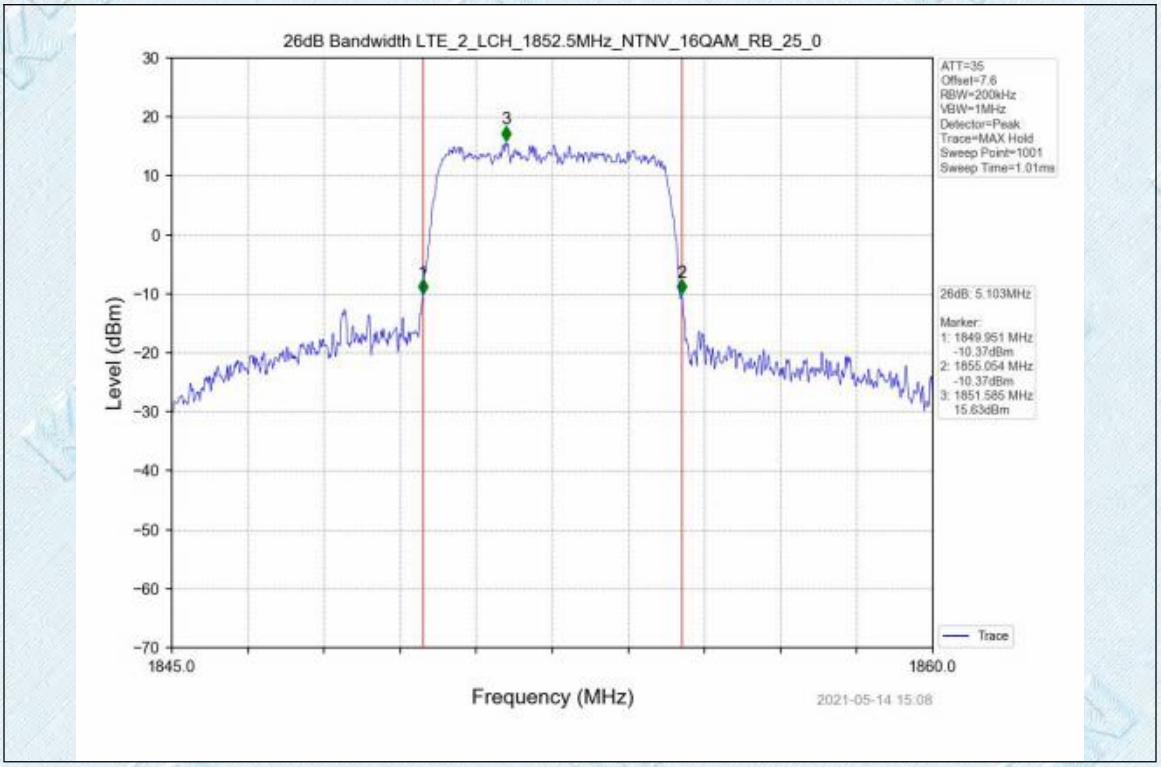

99% Bandwidth LTE_2_LCH_1852.5MHz_NTNV_QPSK_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 4.596MHz
Marker:
1: 1850.206 MHz
9.86dBm
2: 1854.802 MHz
9.77dBm
Trace
Level (dBm)
Frequency (MHz)
1845.0
1860.0
2021-05-14 15:10

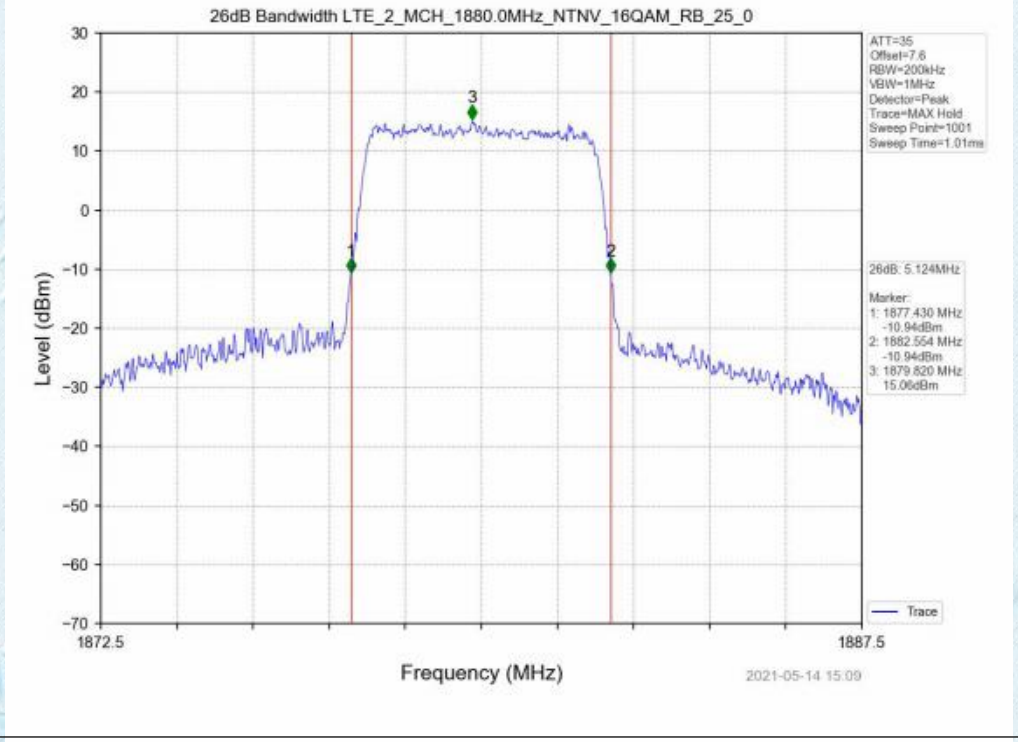

99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 4.578MHz
Marker:
1: 1877.711 MHz
10.30dBm
2: 1882.289 MHz
8.17dBm
Trace
Level (dBm)
Frequency (MHz)
1872.5
1887.5
2021-05-14 15:10

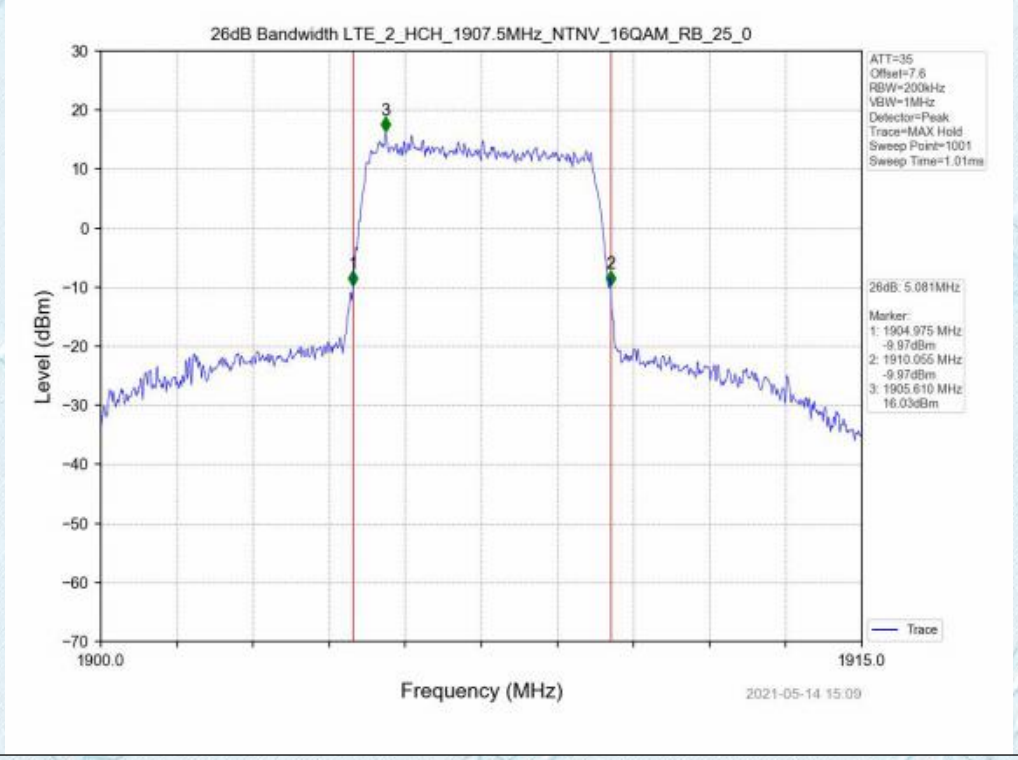

99% Bandwidth LTE_2_HCH_1907.5MHz_NTNV_QPSK_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 4.590MHz
Marker:
1: 1905.195 MHz
10.01dBm
2: 1909.785 MHz
8.40dBm
Trace
Level (dBm)
Frequency (MHz)
1900.0
1915.0
2021-05-14 15:11

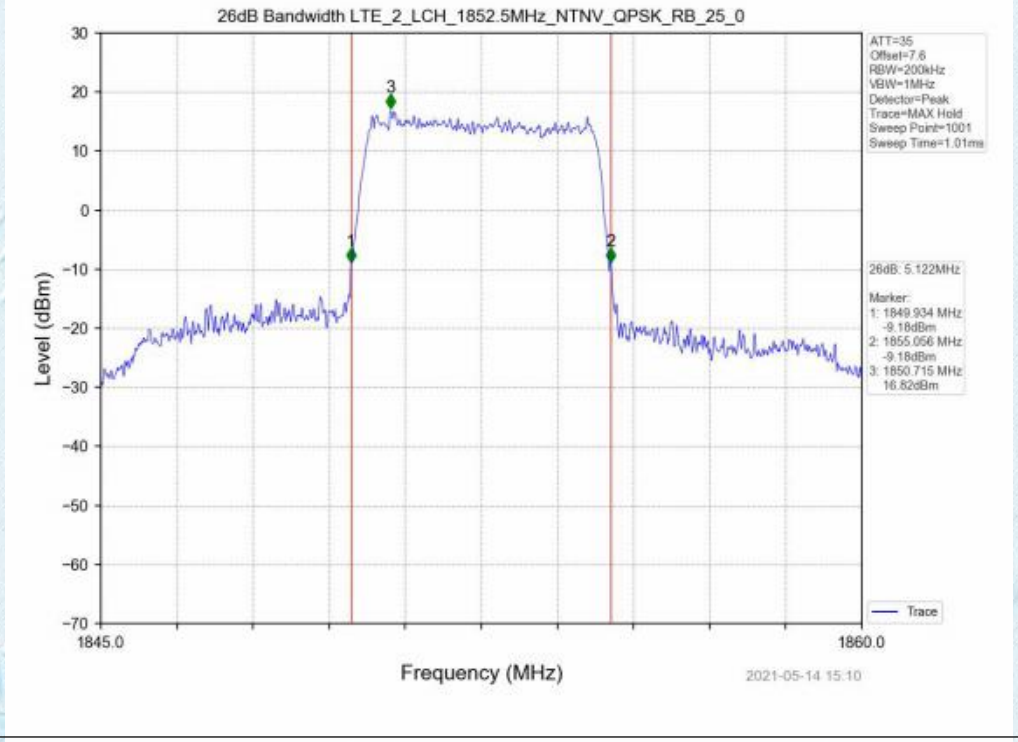
Test Band: 2 _ 5MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	25	0	5.122	5.123	5.110	N/A	PASS
16QAM	25	0	5.103	5.124	5.081	N/A	PASS

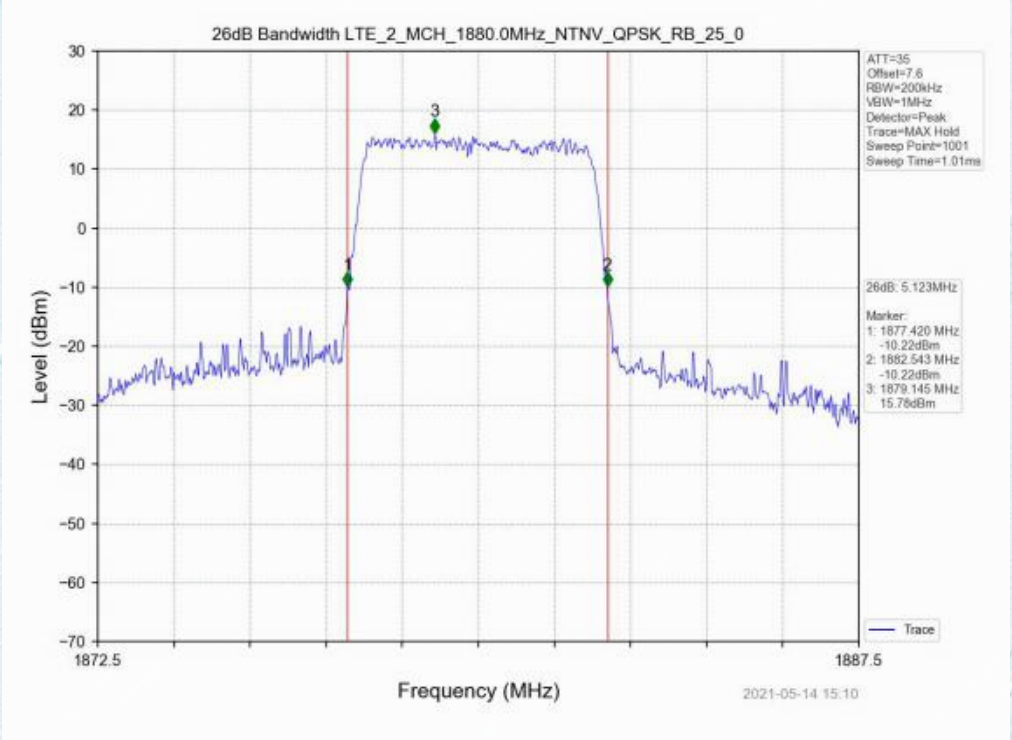
Test Graph

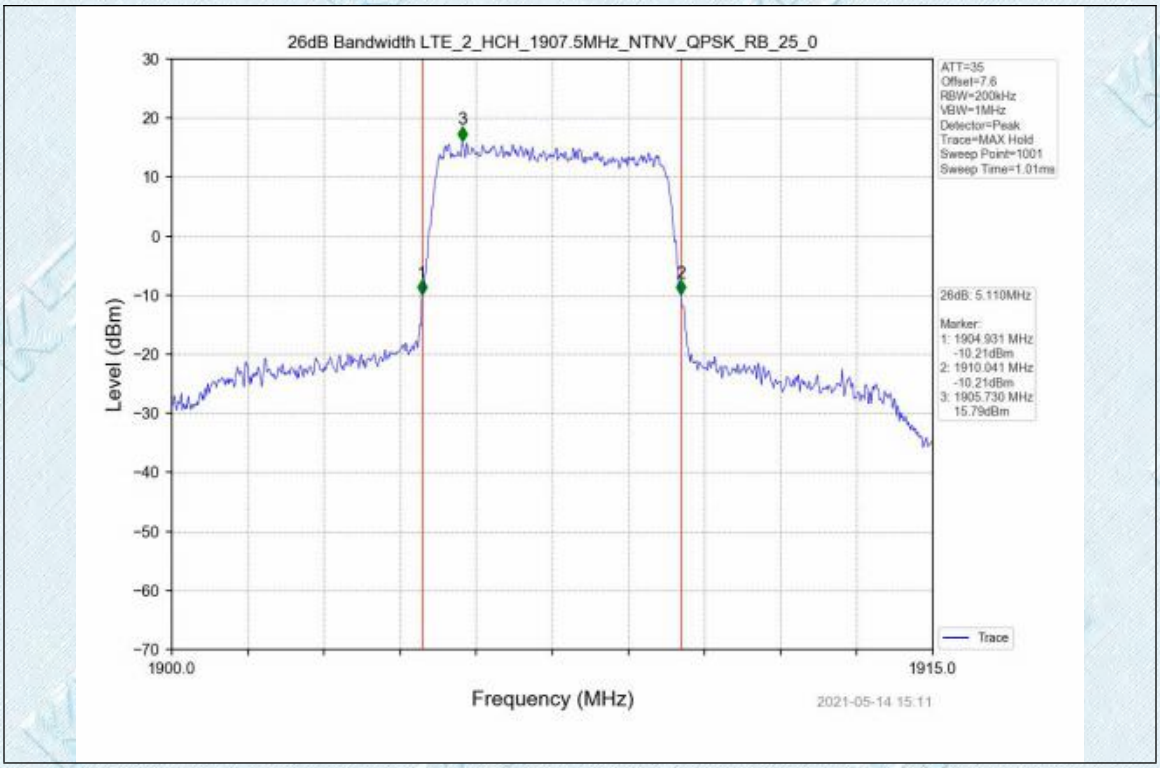



26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 5.124MHz
Marker:
1: 1877.430 MHz
-10.94dBm
2: 1882.554 MHz
-10.94dBm
3: 1879.820 MHz
15.06dBm
Trace
Level (dBm)
Frequency (MHz)
1872.5
1887.5
2021-05-14 15:09


26dB Bandwidth LTE_2_HCH_1907.5MHz_NTNV_16QAM_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 5.081MHz
Marker:
1: 1904.975 MHz
-9.97dBm
2: 1910.055 MHz
-9.97dBm
3: 1905.610 MHz
16.03dBm
Trace
Level (dBm)
Frequency (MHz)
1900.0
1915.0
2021-05-14 15:09

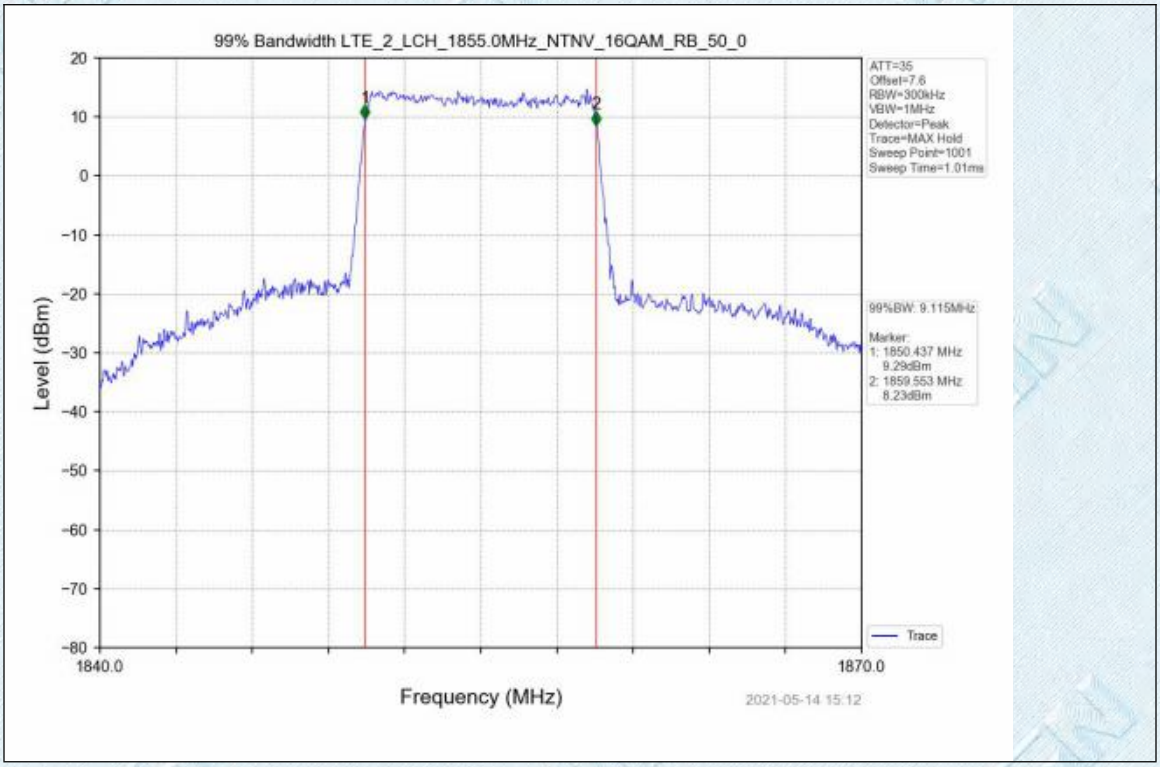

26dB Bandwidth LTE_2_LCH_1852.5MHz_NTNV_QPSK_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 5.122MHz
Marker:
1: 1849.934 MHz
-9.18dBm
2: 1855.056 MHz
-9.18dBm
3: 1850.715 MHz
16.82dBm
Trace
Level (dBm)
Frequency (MHz)
1845.0
1860.0
2021-05-14 15:10

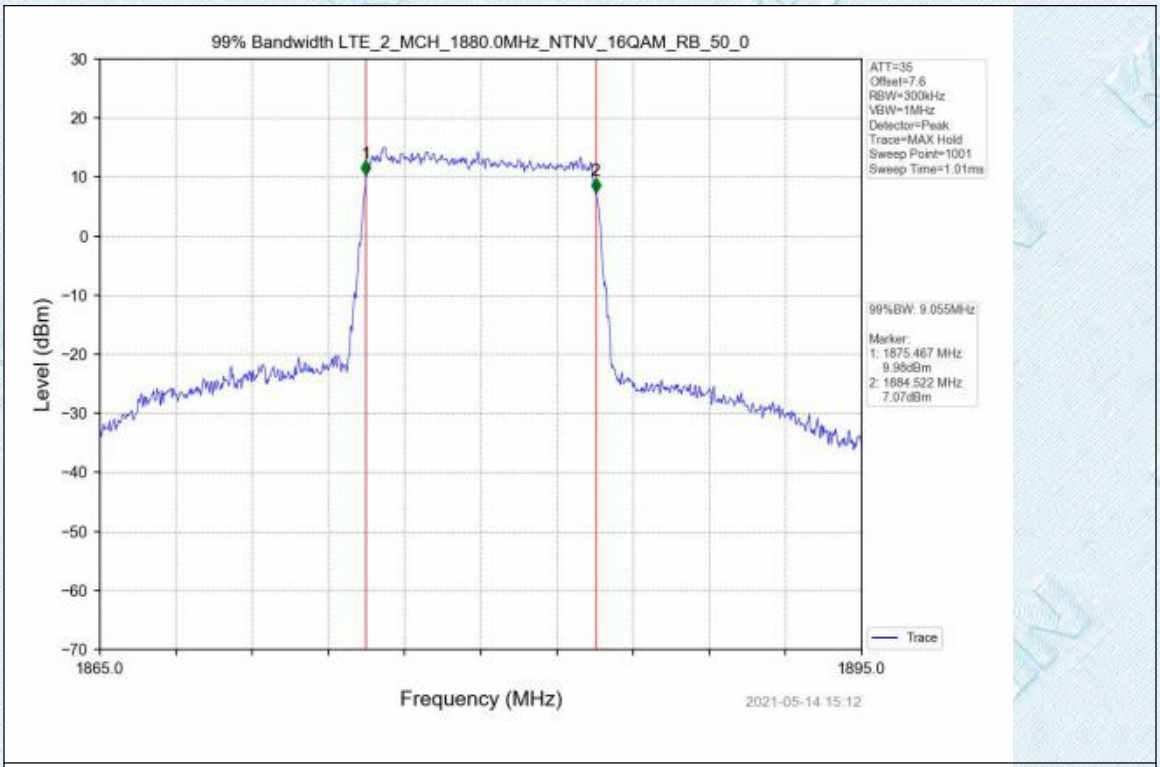

26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 5.123MHz
Marker:
1: 1877.420 MHz
-10.22dBm
2: 1882.543 MHz
-10.22dBm
3: 1879.145 MHz
15.78dBm
Trace
Level (dBm)
Frequency (MHz)
1872.5
1887.5
2021-05-14 15:10

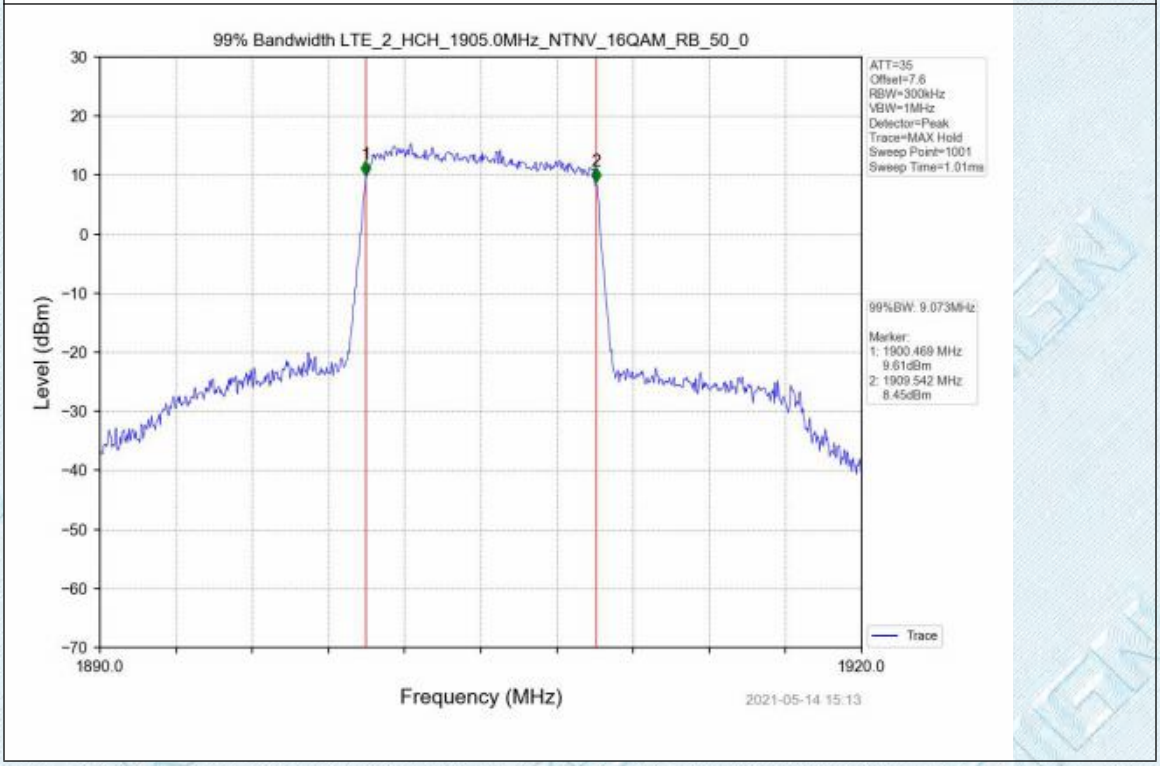

26dB Bandwidth LTE_2_HCH_1907.5MHz_NTNV_QPSK_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 5.110MHz
Marker:
1: 1904.931 MHz
-10.21dBm
2: 1910.041 MHz
-10.21dBm
3: 1905.730 MHz
15.79dBm
Trace
Level (dBm)
Frequency (MHz)
1900.0
1915.0
2021-05-14 15:11

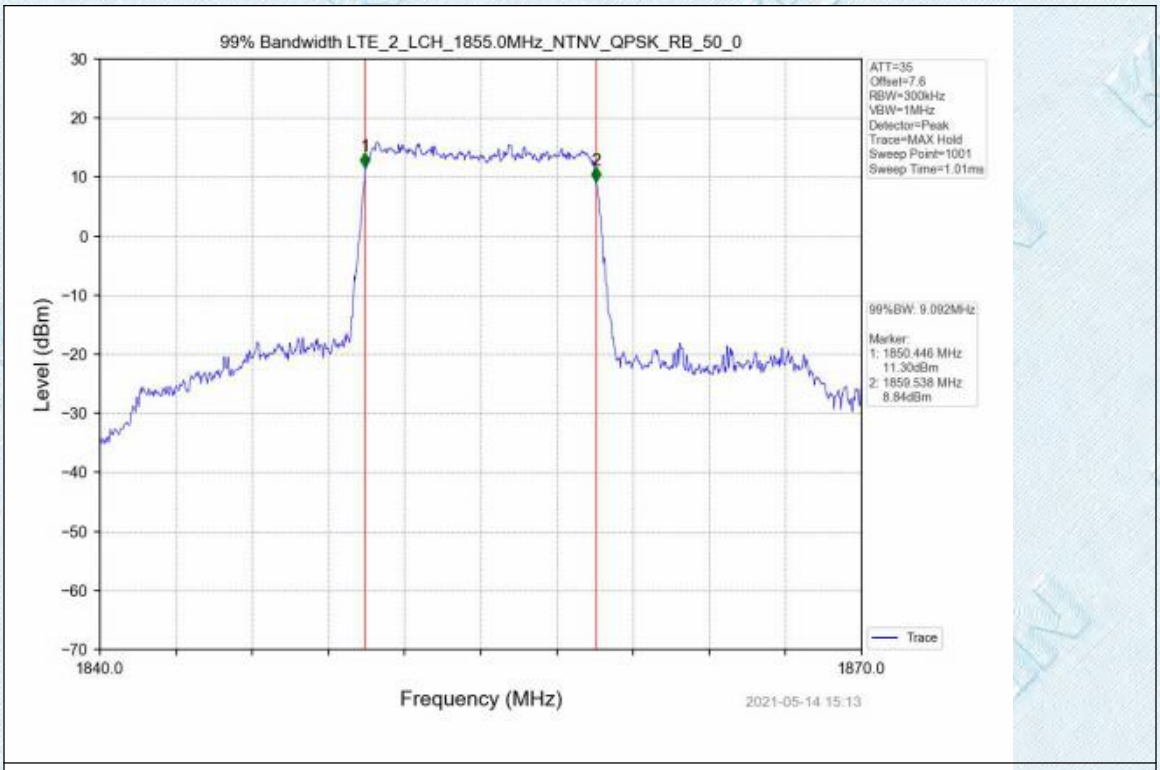
Test Band: 2 _ 10MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	9.092	9.062	9.063	N/A	PASS
16QAM	50	0	9.115	9.055	9.073	N/A	PASS

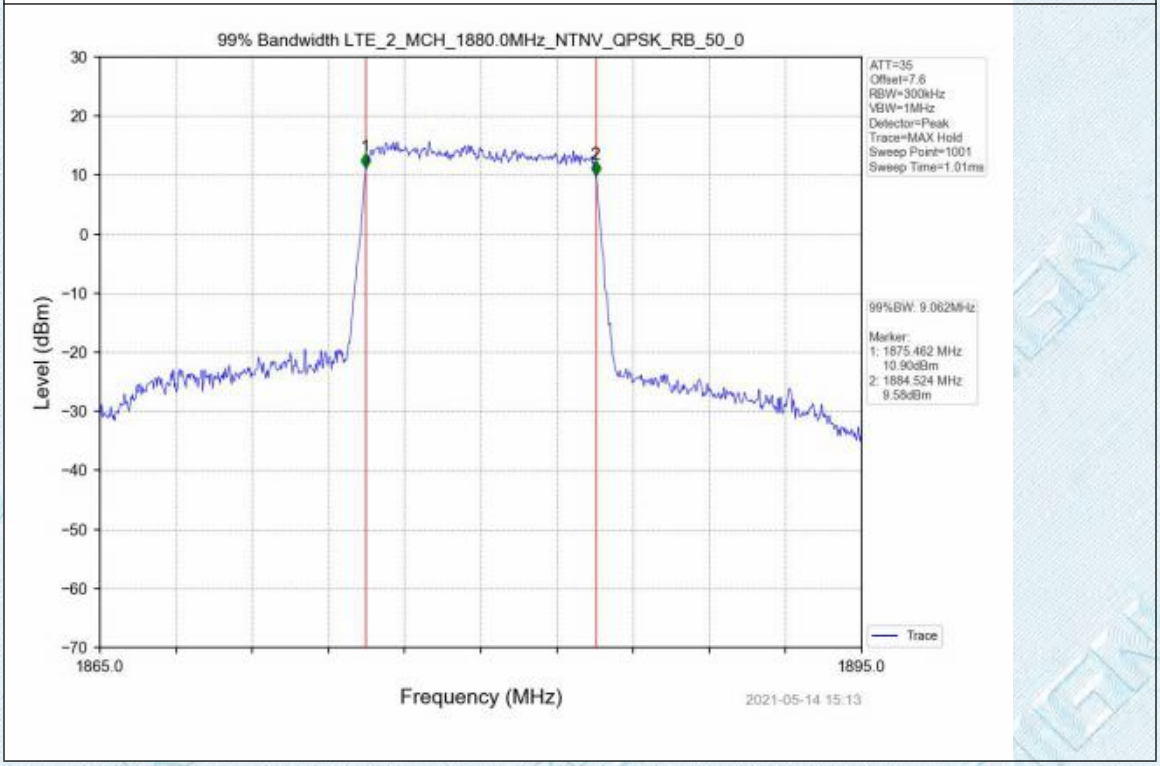
Test Graph

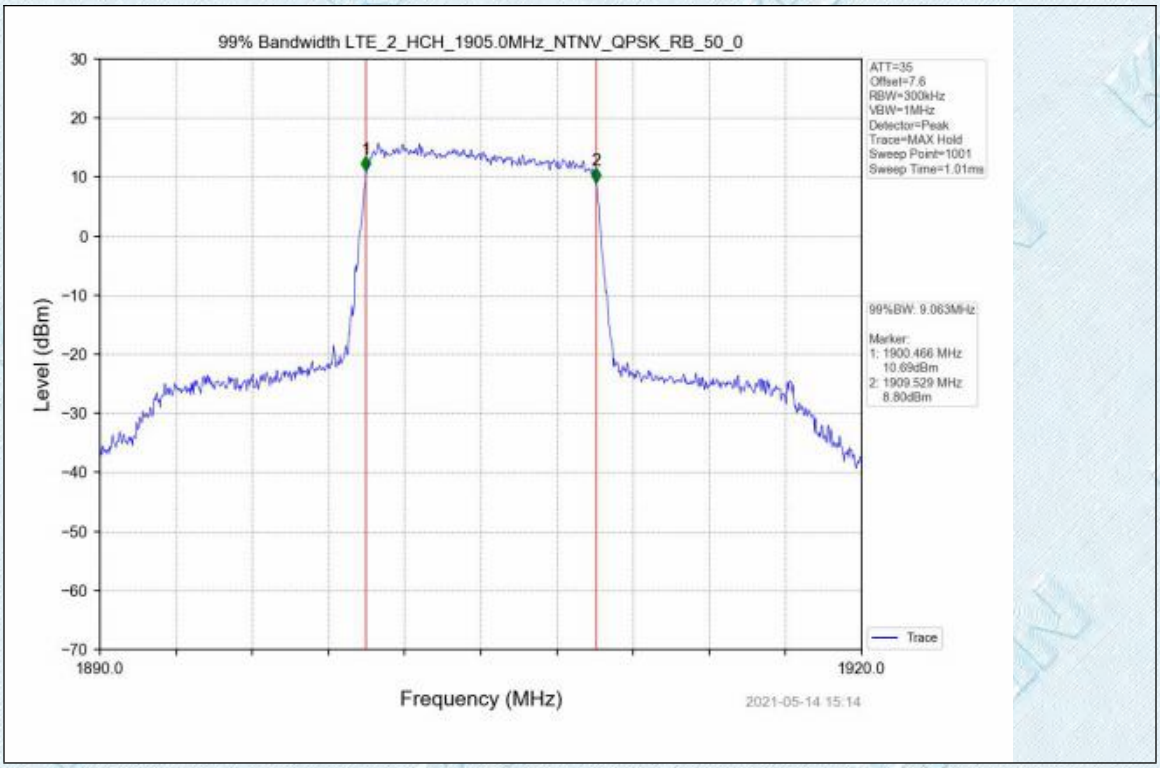



99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 9.055MHz
Marker:
1: 1875.467 MHz
9.98dBm
2: 1884.522 MHz
7.07dBm
Trace
Level (dBm)
Frequency (MHz)
1865.0
1895.0
2021-05-14 15:12


99% Bandwidth LTE_2_HCH_1905.0MHz_NTNV_16QAM_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 9.073MHz
Marker:
1: 1900.469 MHz
9.61dBm
2: 1909.542 MHz
8.45dBm
Trace
Level (dBm)
Frequency (MHz)
1890.0
1920.0
2021-05-14 15:13

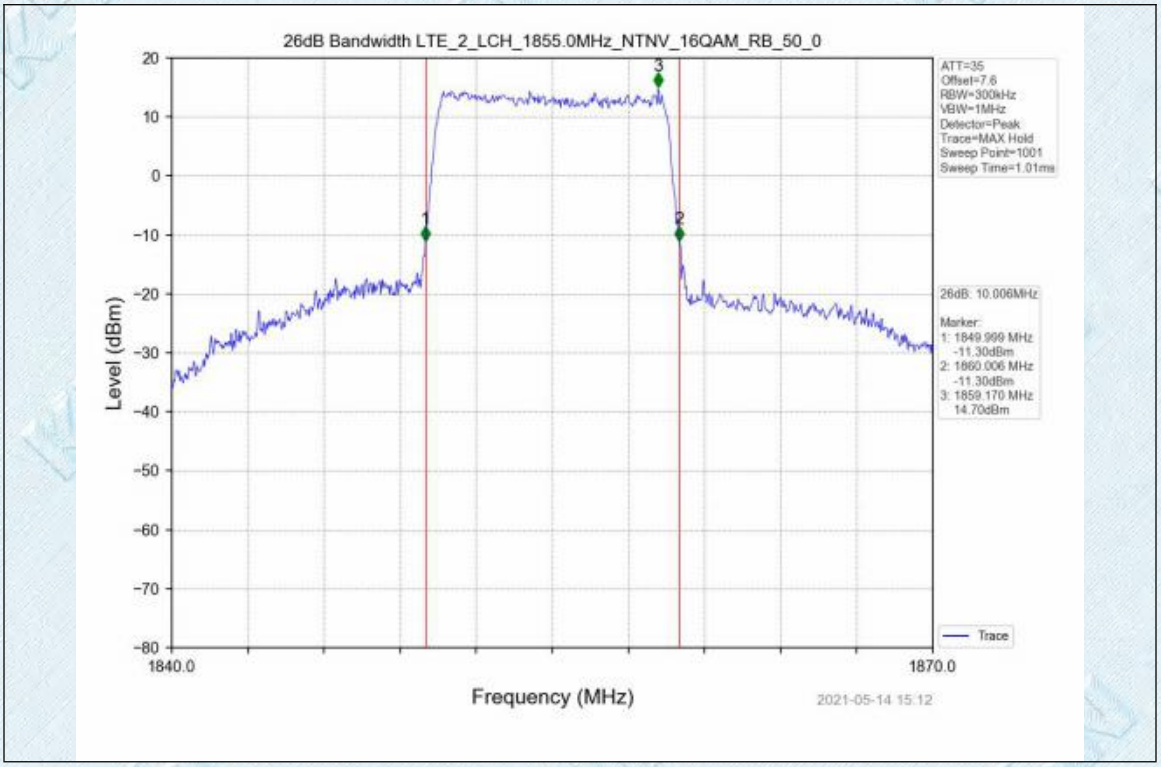

99% Bandwidth LTE_2_LCH_1855.0MHz_NTNV_QPSK_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 9.092MHz
Marker:
1: 1850.446 MHz
11.30dBm
2: 1859.538 MHz
8.84dBm
Trace
Level (dBm)
Frequency (MHz)
1840.0
1870.0
2021-05-14 15:13

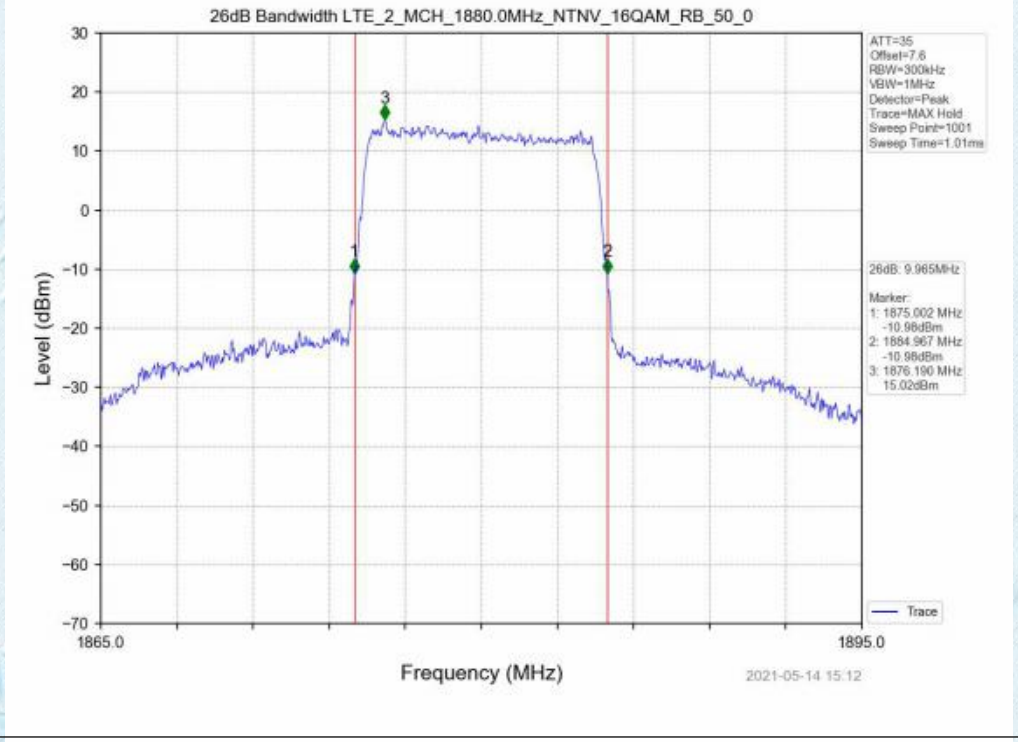

99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 9.062MHz
Marker:
1: 1875.462 MHz
10.90dBm
2: 1884.524 MHz
9.58dBm
Trace
Level (dBm)
Frequency (MHz)
1865.0
1895.0
2021-05-14 15:13

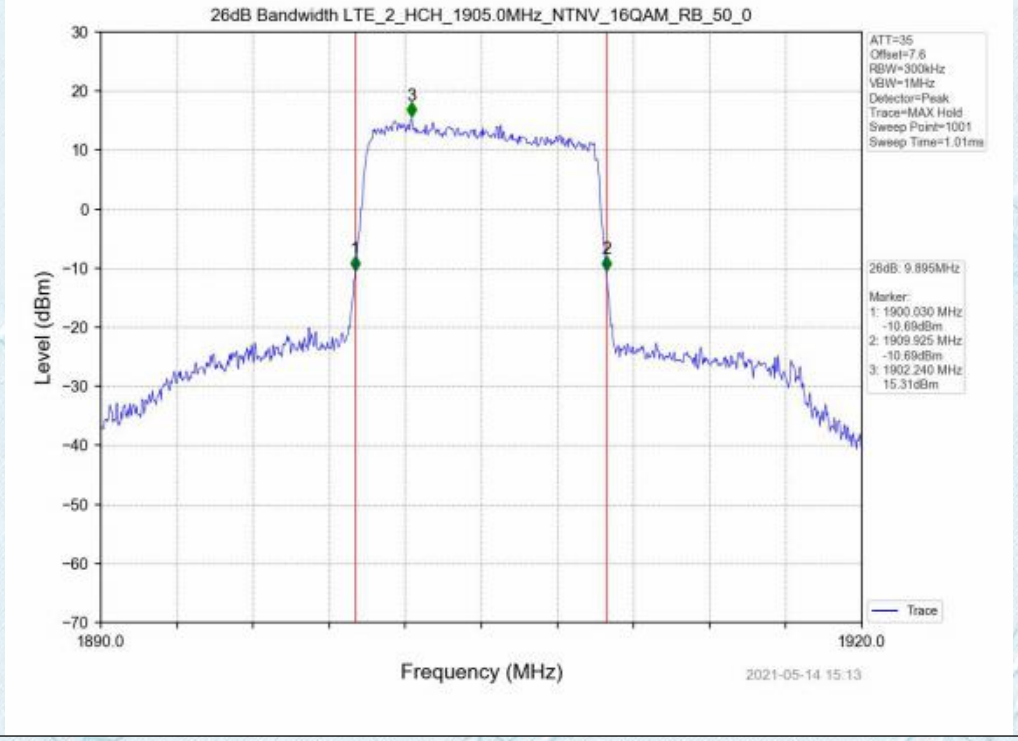

99% Bandwidth LTE_2_HCH_1905.0MHz_NTNV_QPSK_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 9.063MHz
Marker:
1: 1900.466 MHz
10.69dBm
2: 1909.529 MHz
8.80dBm
Trace
Level (dBm)
Frequency (MHz)
1890.0
1920.0
2021-05-14 15:14

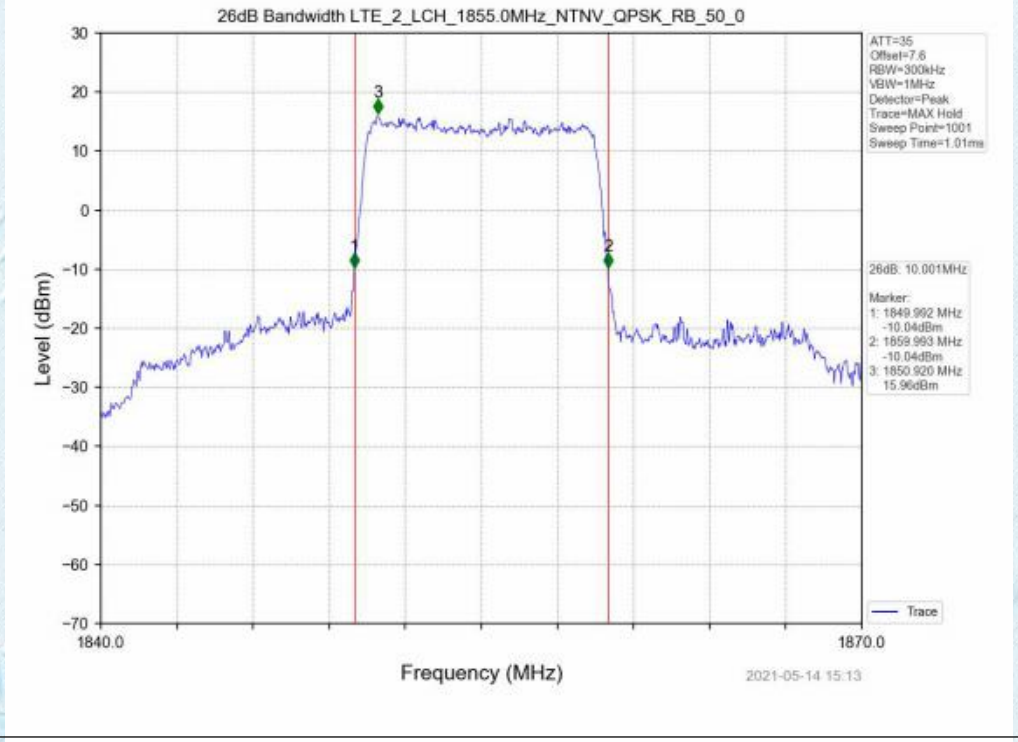
Test Band: 2 _ 10MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	50	0	10.001	9.955	9.953	N/A	PASS
16QAM	50	0	10.006	9.965	9.895	N/A	PASS

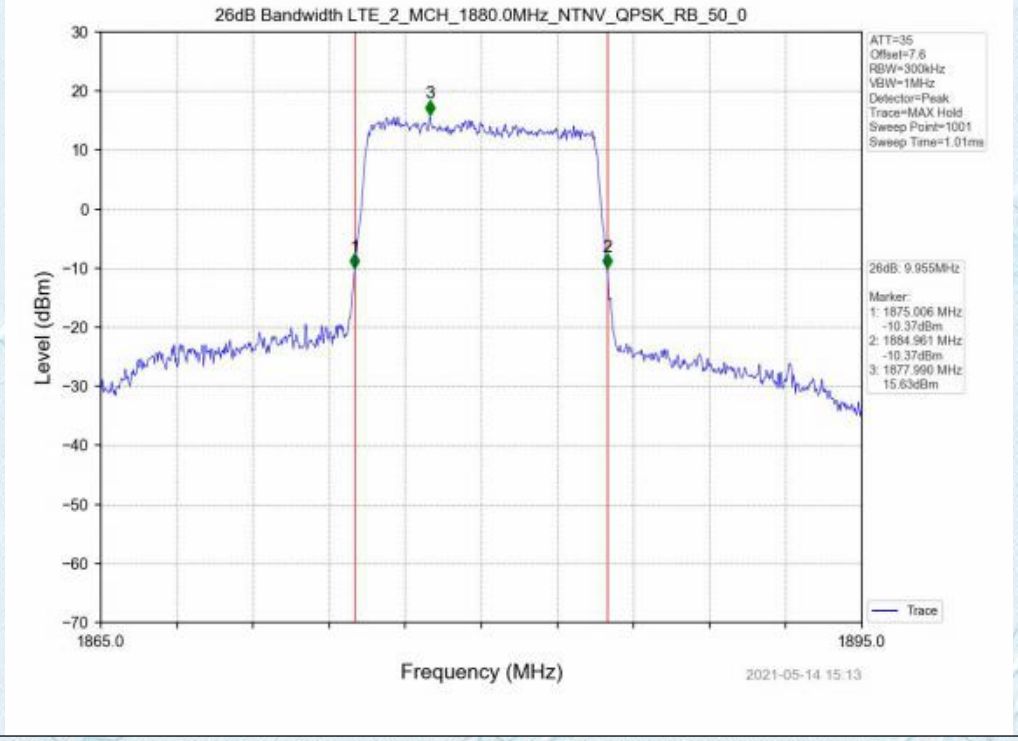
Test Graph

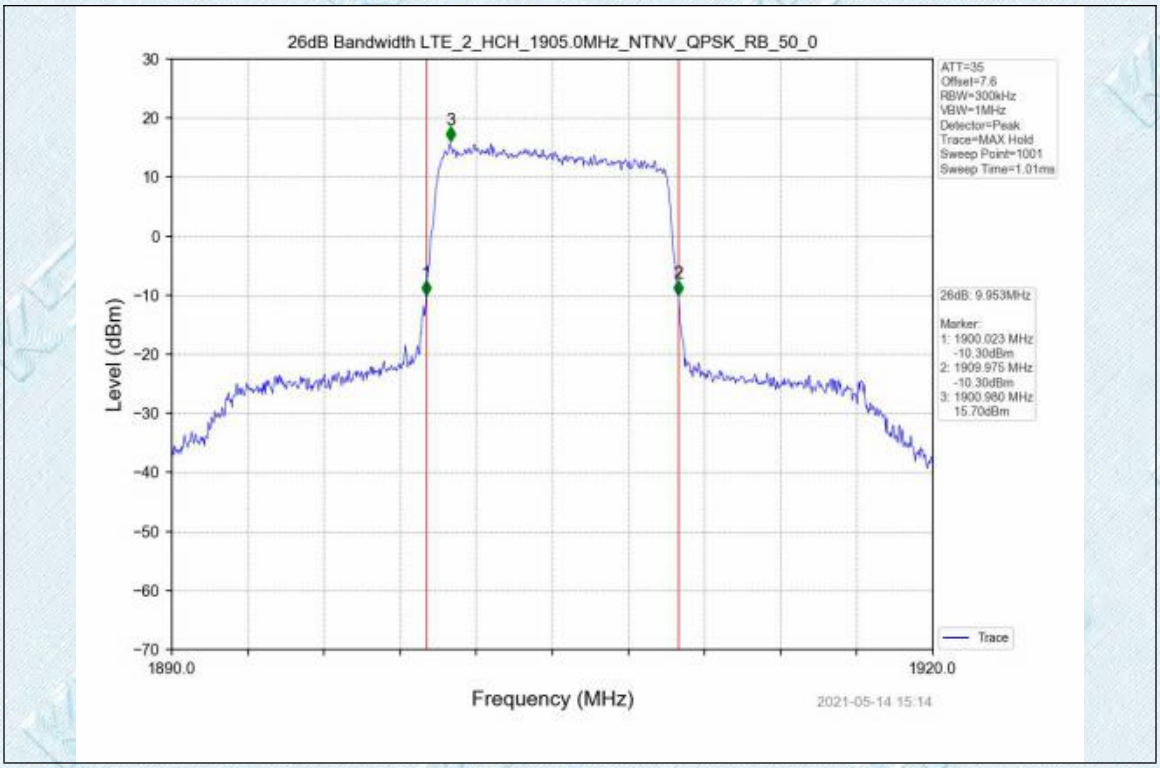



26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 9.965MHz
Marker:
1: 1875.002 MHz
-10.98dBm
2: 1884.967 MHz
-10.98dBm
3: 1876.190 MHz
15.02dBm
Trace
Level (dBm)
Frequency (MHz)
1865.0
1895.0
2021-05-14 15:12


26dB Bandwidth LTE_2_HCH_1905.0MHz_NTNV_16QAM_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 9.895MHz
Marker:
1: 1900.030 MHz
-10.69dBm
2: 1909.925 MHz
-10.69dBm
3: 1902.240 MHz
15.31dBm
Trace
Level (dBm)
Frequency (MHz)
1890.0
1920.0
2021-05-14 15:13

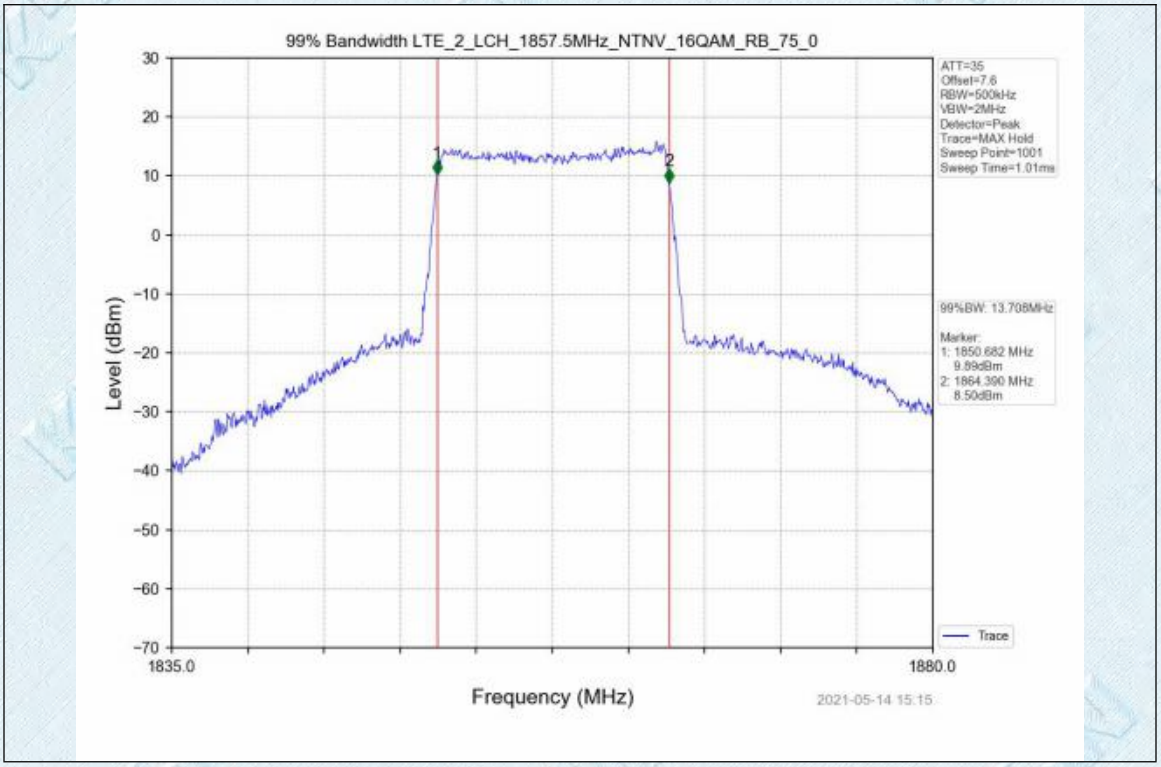

26dB Bandwidth LTE_2_LCH_1855.0MHz_NTNV_QPSK_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 10.001MHz
Marker:
1: 1849.992 MHz
-10.04dBm
2: 1859.993 MHz
-10.04dBm
3: 1850.920 MHz
15.96dBm
Trace
Level (dBm)
Frequency (MHz)
1840.0
1870.0
2021-05-14 15:13

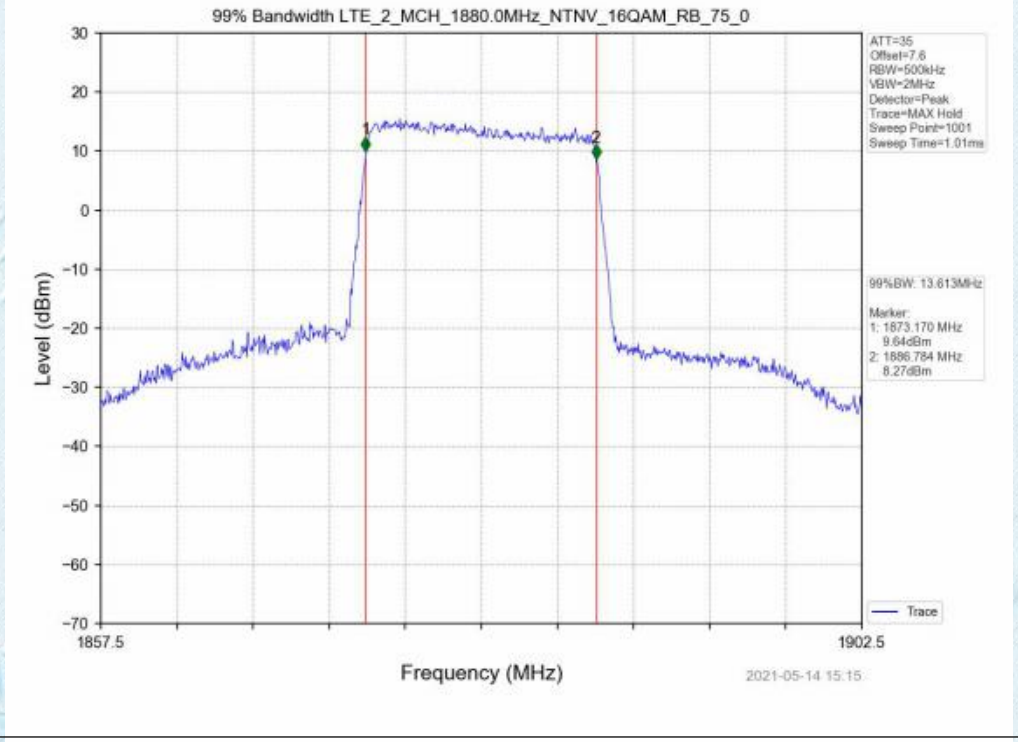

26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 9.955MHz
Marker:
1: 1875.006 MHz
-10.37dBm
2: 1884.961 MHz
-10.37dBm
3: 1877.990 MHz
15.63dBm
Trace
Level (dBm)
Frequency (MHz)
1865.0
1895.0
2021-05-14 15:13

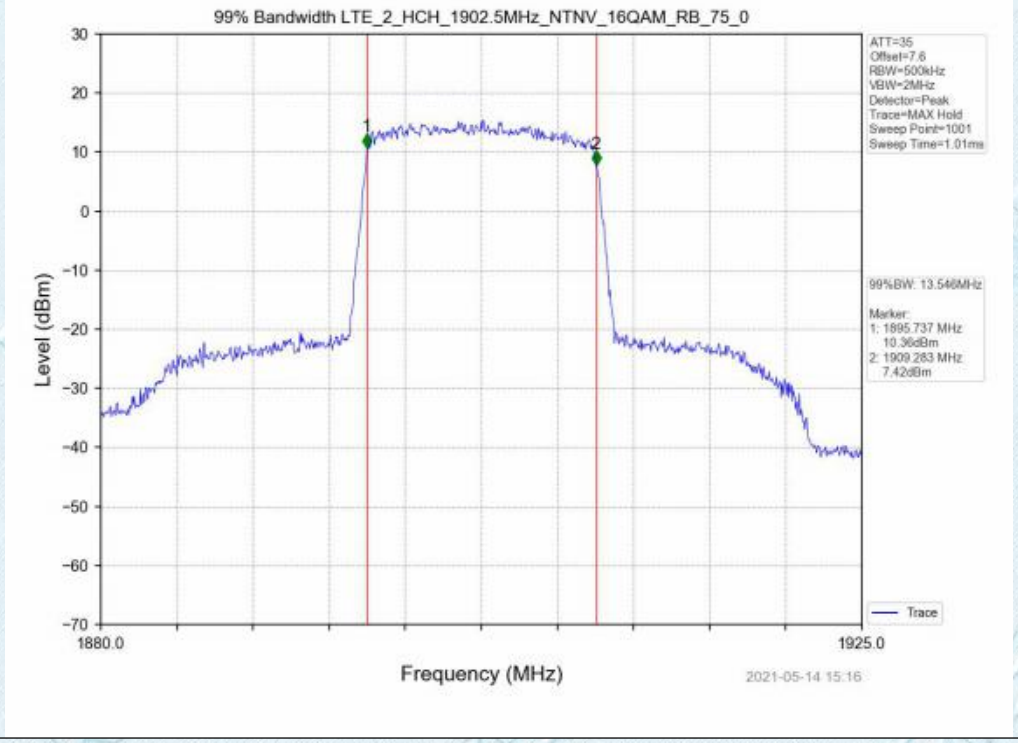

26dB Bandwidth LTE_2_HCH_1905.0MHz_NTNV_QPSK_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 9.953MHz
Marker:
1: 1900.023 MHz
-10.30dBm
2: 1909.975 MHz
-10.30dBm
3: 1900.980 MHz
15.70dBm
Trace
Level (dBm)
Frequency (MHz)
1890.0
1920.0
2021-05-14 15:14

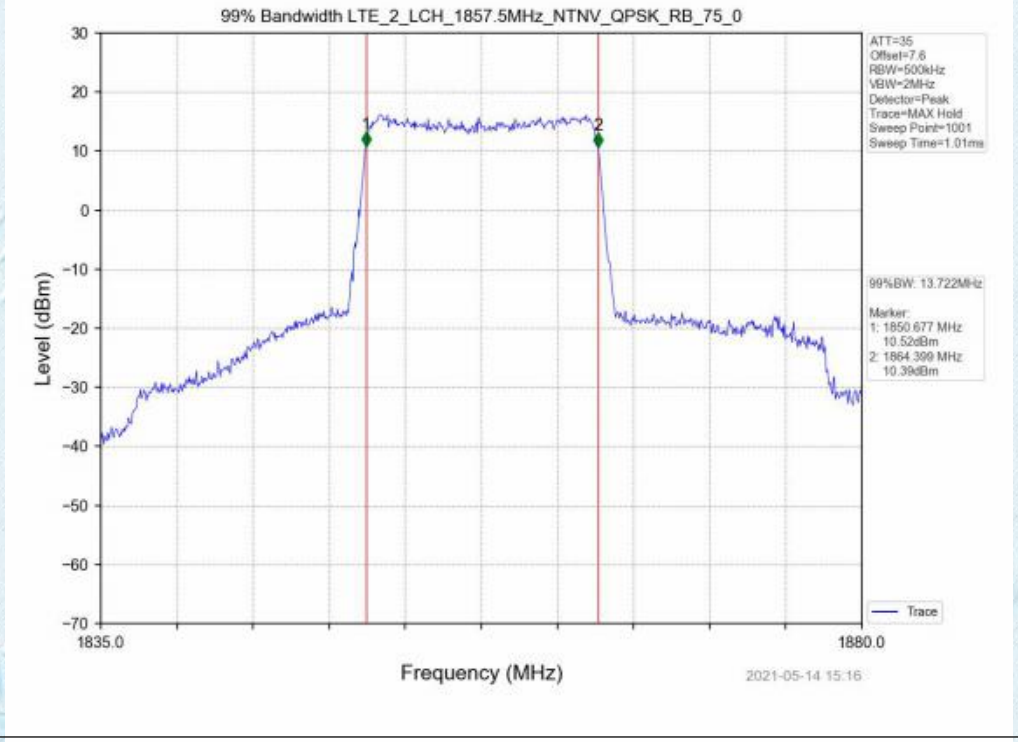
Test Band: 2 _ 15MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	13.722	13.581	13.550	N/A	PASS
16QAM	75	0	13.708	13.613	13.546	N/A	PASS

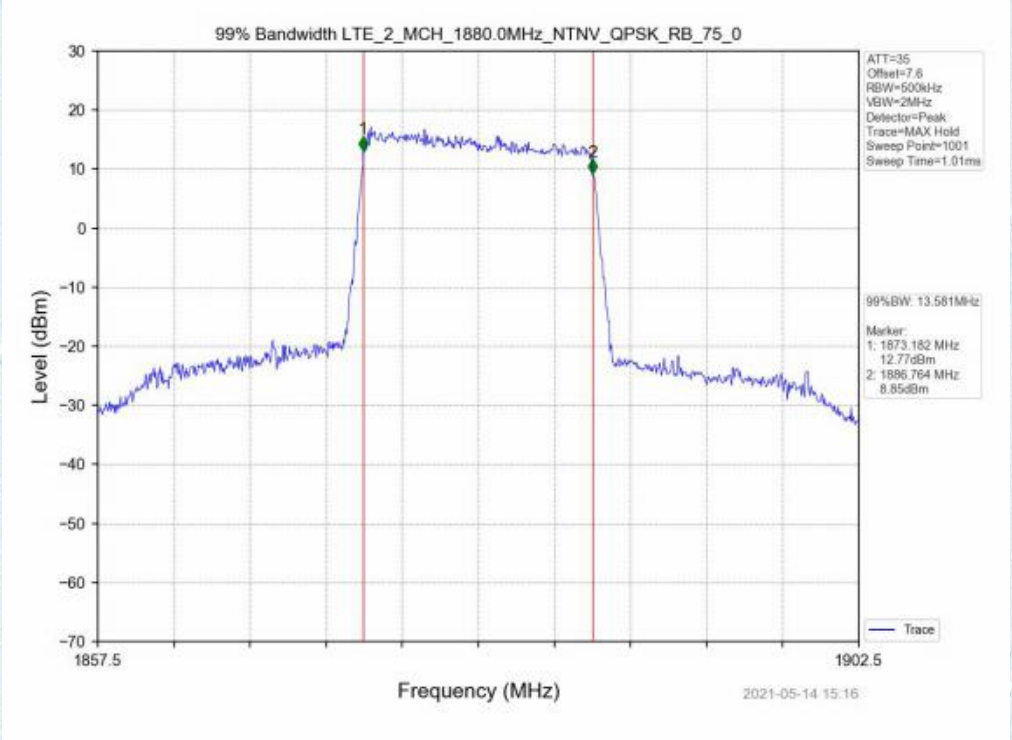
Test Graph

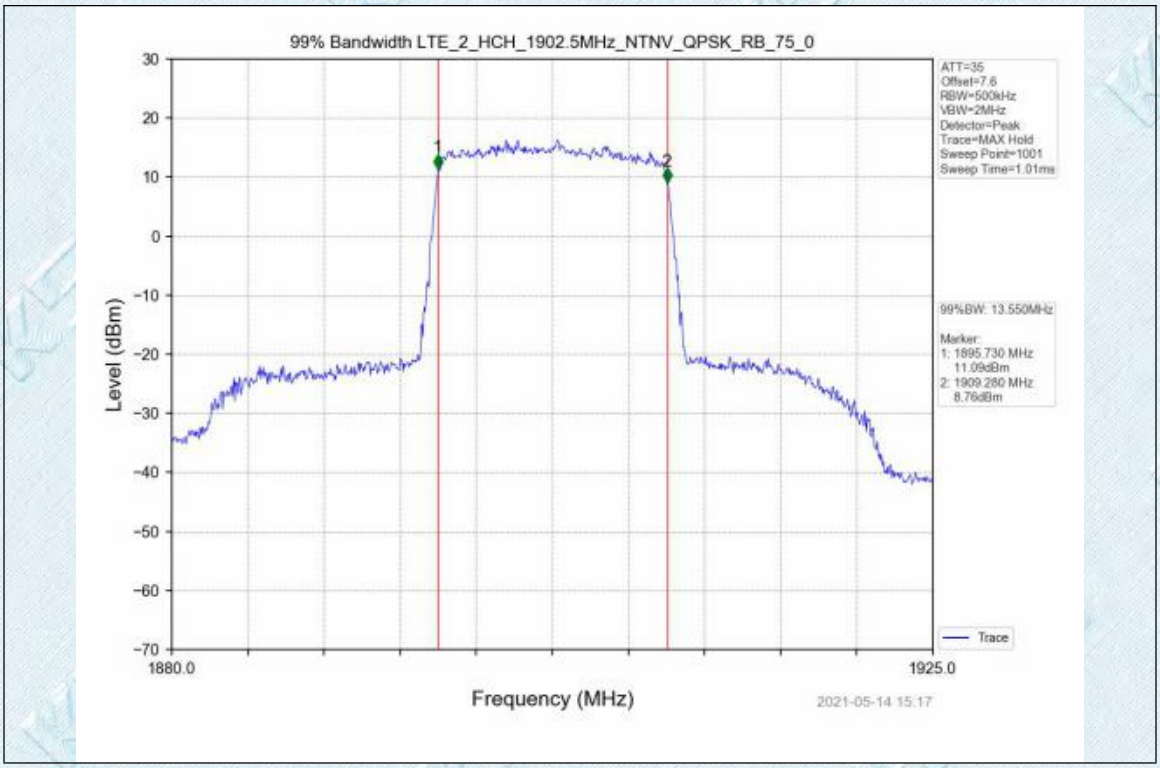



99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 13.613MHz
Marker:
1: 1873.170 MHz
9.64dBm
2: 1886.784 MHz
8.27dBm
Trace
Level (dBm)
Frequency (MHz)
1857.5
1902.5
2021-05-14 15:15


99% Bandwidth LTE_2_HCH_1902.5MHz_NTNV_16QAM_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 13.546MHz
Marker:
1: 1895.737 MHz
10.36dBm
2: 1909.283 MHz
7.42dBm
Trace
Level (dBm)
Frequency (MHz)
1880.0
1925.0
2021-05-14 15:16

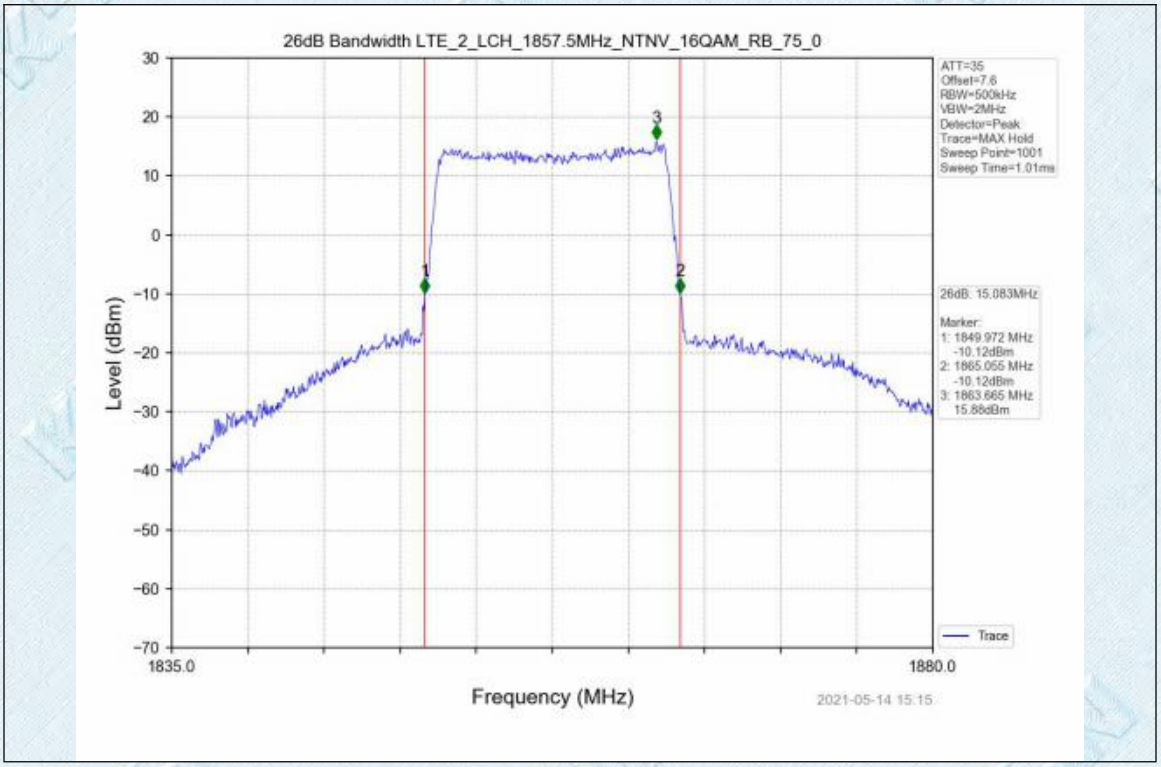

99% Bandwidth LTE_2_LCH_1857.5MHz_NTNV_QPSK_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 13.722MHz
Marker:
1: 1850.677 MHz
10.52dBm
2: 1864.399 MHz
10.39dBm
Trace
Level (dBm)
Frequency (MHz)
1835.0
1880.0
2021-05-14 15:16

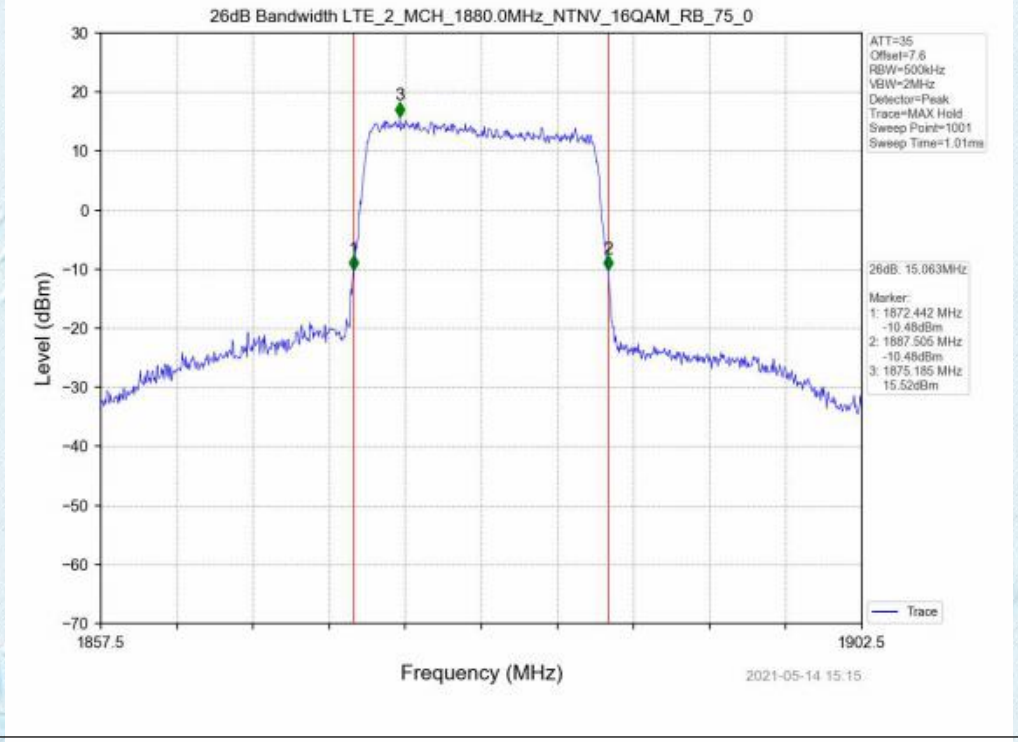

99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 13.581MHz
Marker:
1: 1873.182 MHz
12.77dBm
2: 1886.764 MHz
8.85dBm
Trace
Level (dBm)
Frequency (MHz)
1857.5
1902.5
2021-05-14 15:16

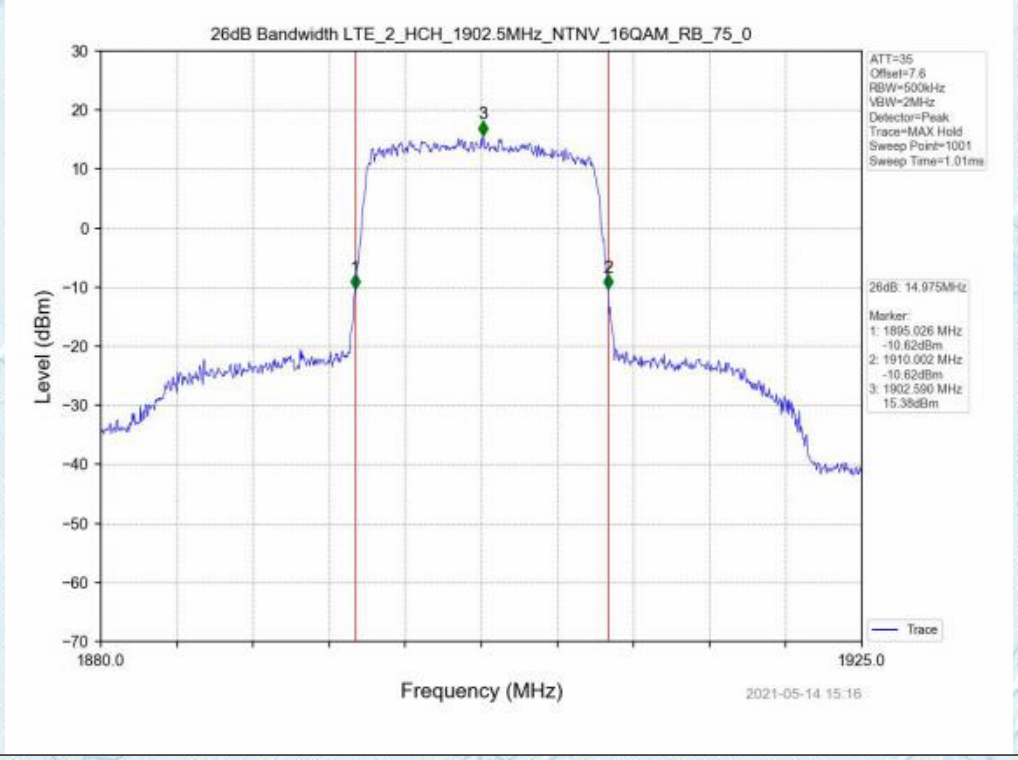

99% Bandwidth LTE_2_HCH_1902.5MHz_NTNV_QPSK_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 13.550MHz
Marker
1: 1895.730 MHz
11.09dBm
2: 1909.280 MHz
8.76dBm
Trace
Level (dBm)
Frequency (MHz)
1880.0
1925.0
2021-05-14 15:17

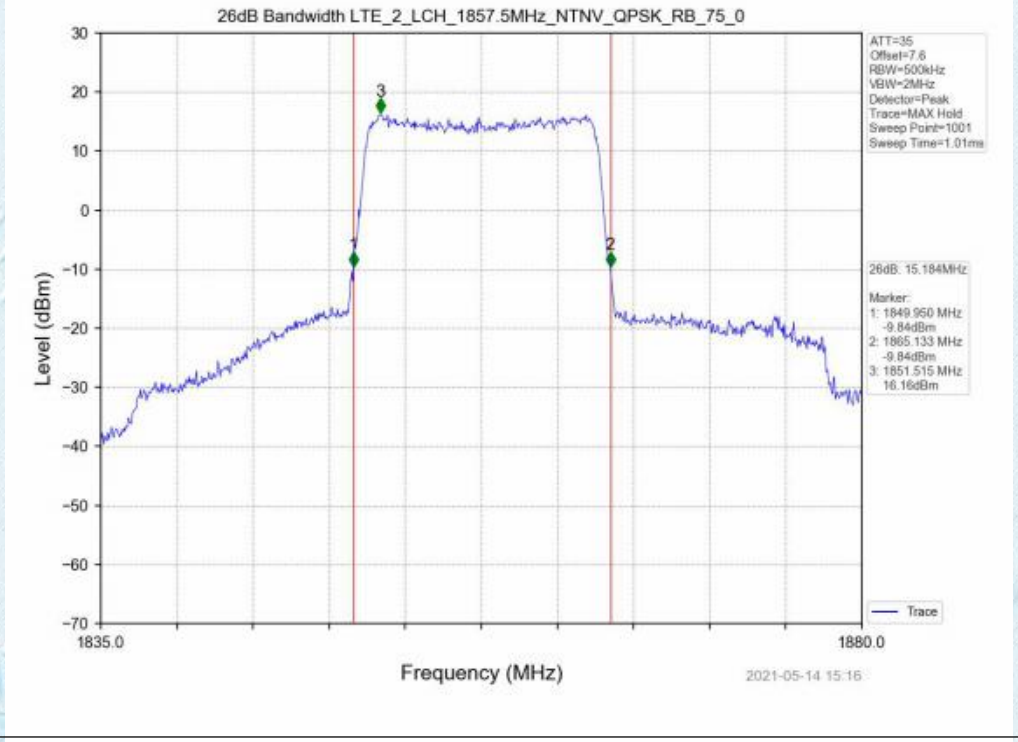
Test Band: 2 _ 15MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	75	0	15.184	14.928	14.919	N/A	PASS
16QAM	75	0	15.083	15.063	14.975	N/A	PASS

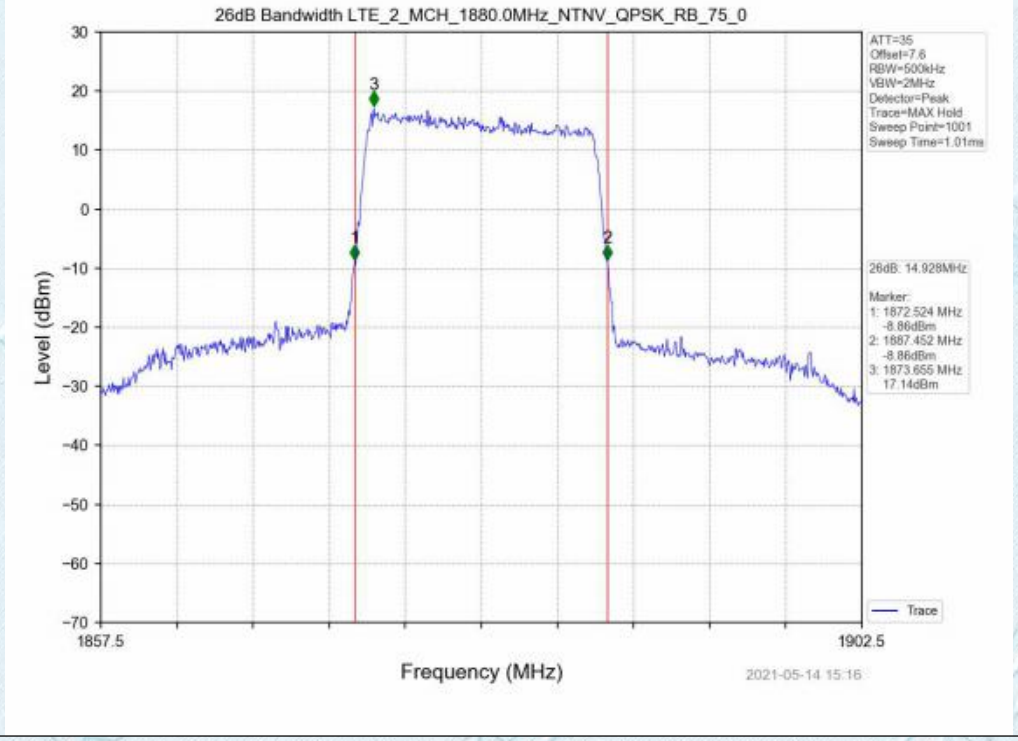
Test Graph

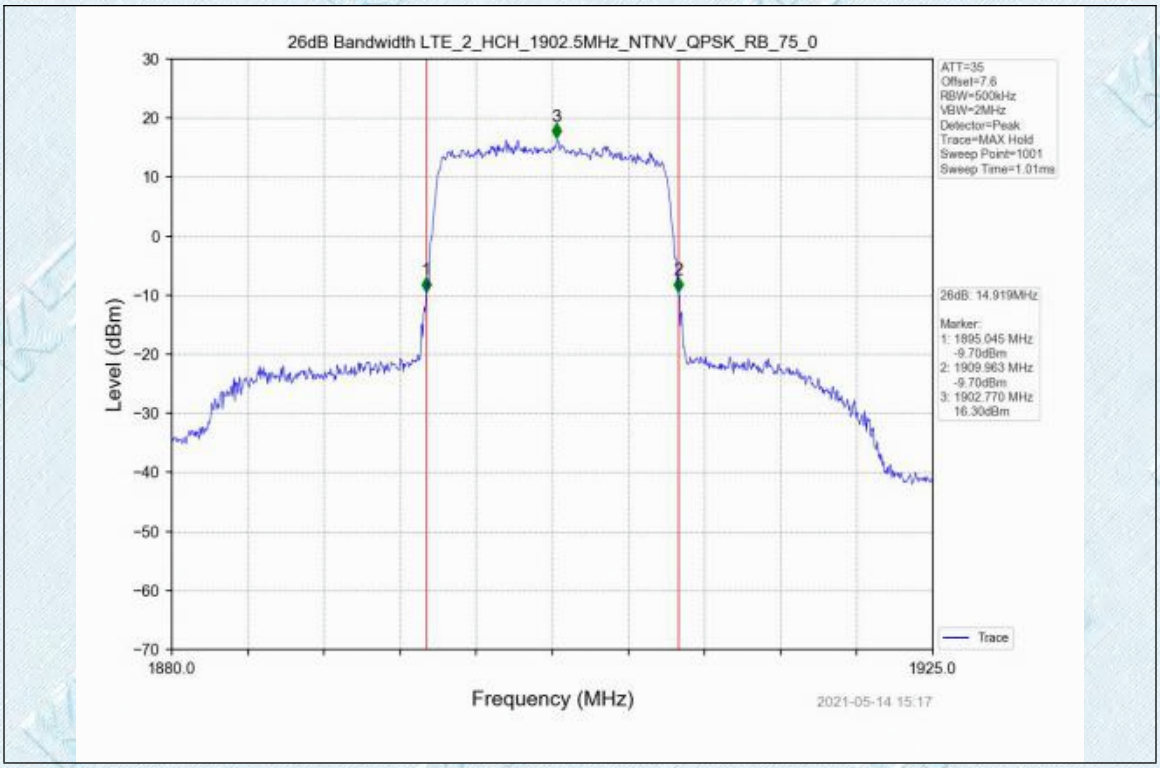



26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 15.063MHz
Marker:
1: 1872.442 MHz
-10.48dBm
2: 1887.505 MHz
-10.48dBm
3: 1875.185 MHz
15.52dBm
Trace
Level (dBm)
Frequency (MHz)
1857.5
1902.5
2021-05-14 15:15


26dB Bandwidth LTE_2_HCH_1902.5MHz_NTNV_16QAM_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 14.975MHz
Marker:
1: 1895.026 MHz
-10.62dBm
2: 1910.002 MHz
-10.62dBm
3: 1902.590 MHz
15.38dBm
Trace
Level (dBm)
Frequency (MHz)
1880.0
1925.0
2021-05-14 15:16

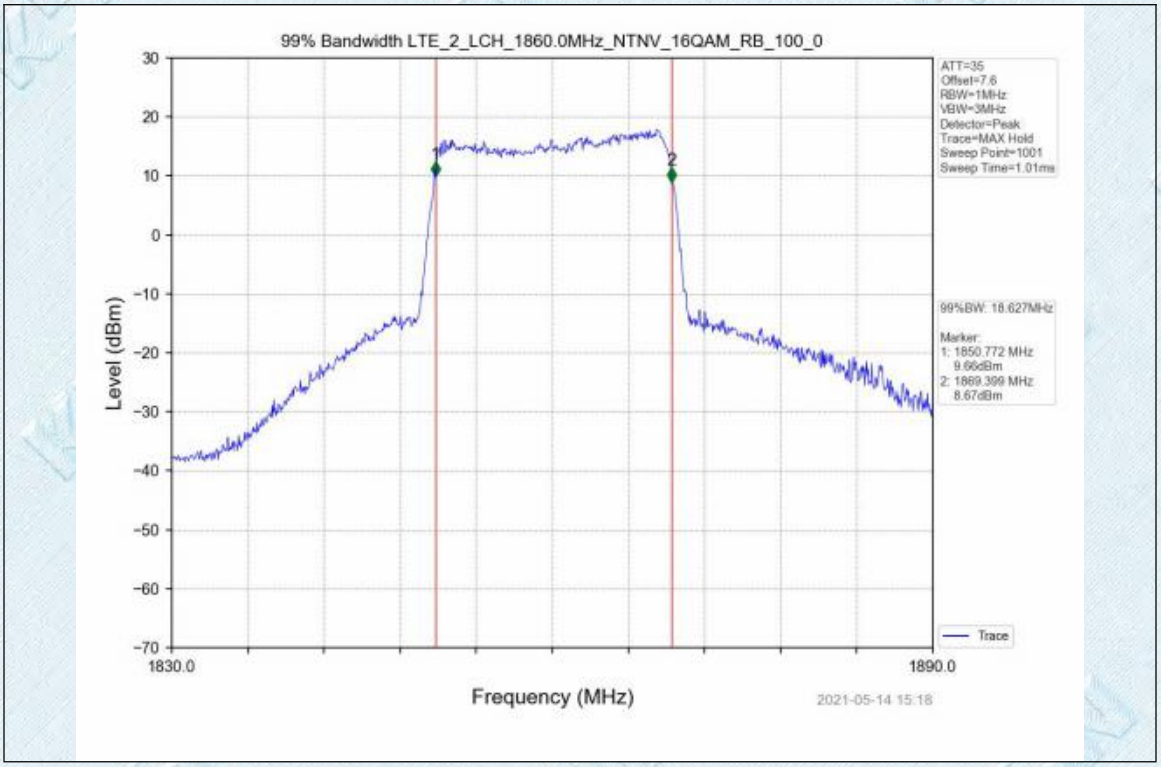

26dB Bandwidth LTE_2_LCH_1857.5MHz_NTNV_QPSK_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 15.184MHz
Marker:
1: 1849.950 MHz
-9.84dBm
2: 1865.133 MHz
-9.84dBm
3: 1851.515 MHz
16.16dBm
Trace
Level (dBm)
Frequency (MHz)
1835.0
1880.0
2021-05-14 15:16

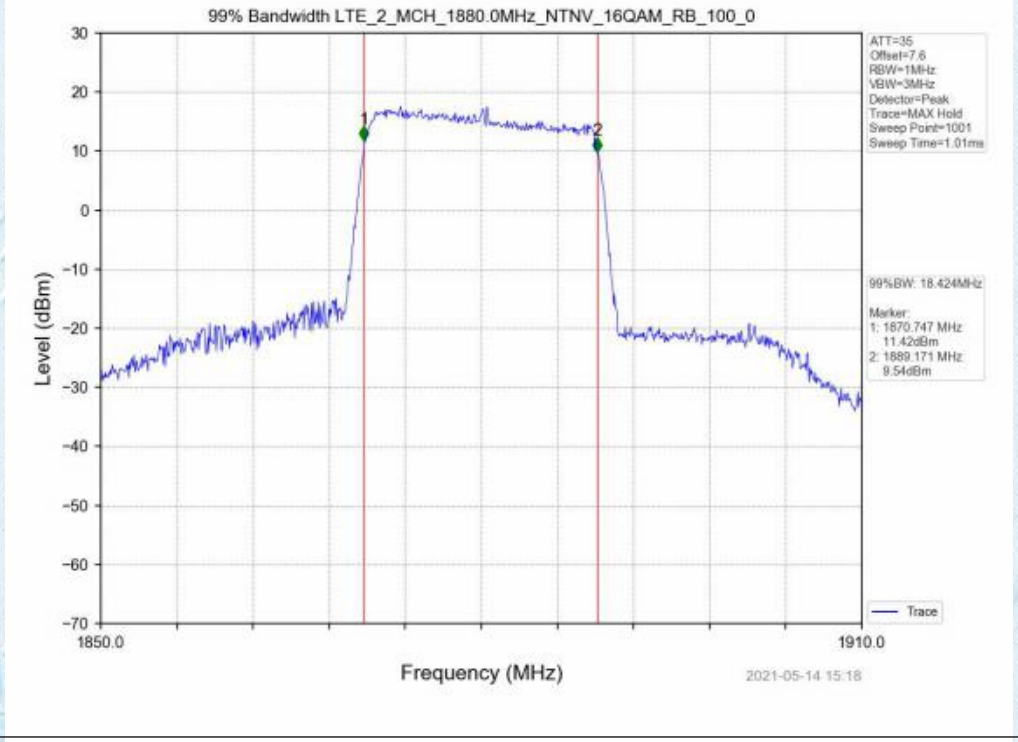

26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 14.928MHz
Marker:
1: 1872.524 MHz
-8.86dBm
2: 1887.452 MHz
-8.86dBm
3: 1873.655 MHz
17.14dBm
Trace
Level (dBm)
Frequency (MHz)
1857.5
1902.5
2021-05-14 15:16

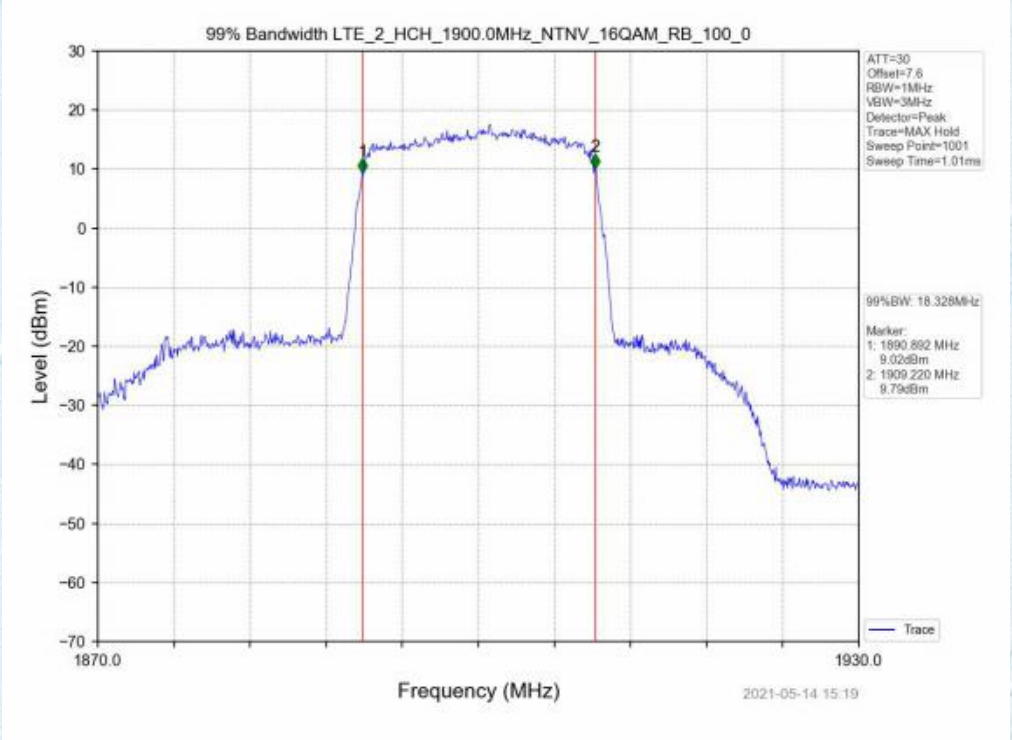

26dB Bandwidth LTE_2_HCH_1902.5MHz_NTNV_QPSK_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 14.919MHz
Marker:
1: 1895.045 MHz
-9.70dBm
2: 1909.963 MHz
-9.70dBm
3: 1902.770 MHz
16.30dBm
Trace
Level (dBm)
Frequency (MHz)
1880.0
1925.0
2021-05-14 15:17

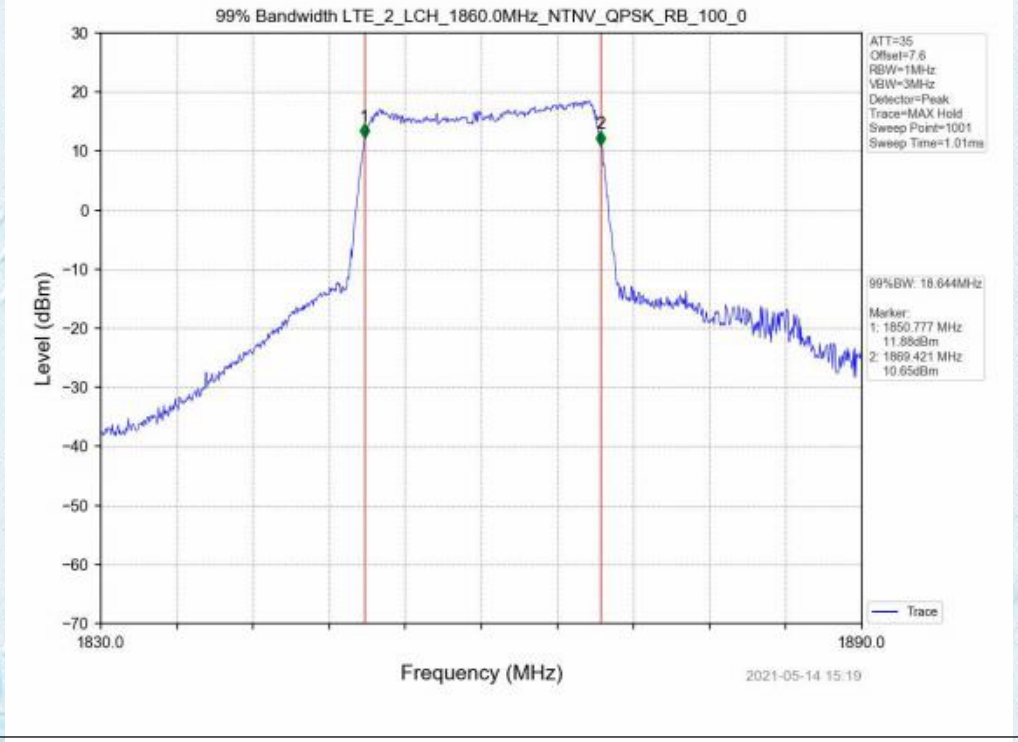
Test Band: 2 _ 20MHz Bandwidth							
Test Mode	RB Allocation		99% Occupied Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	18.644	18.462	18.347	N/A	PASS
16QAM	100	0	18.627	18.424	18.328	N/A	PASS

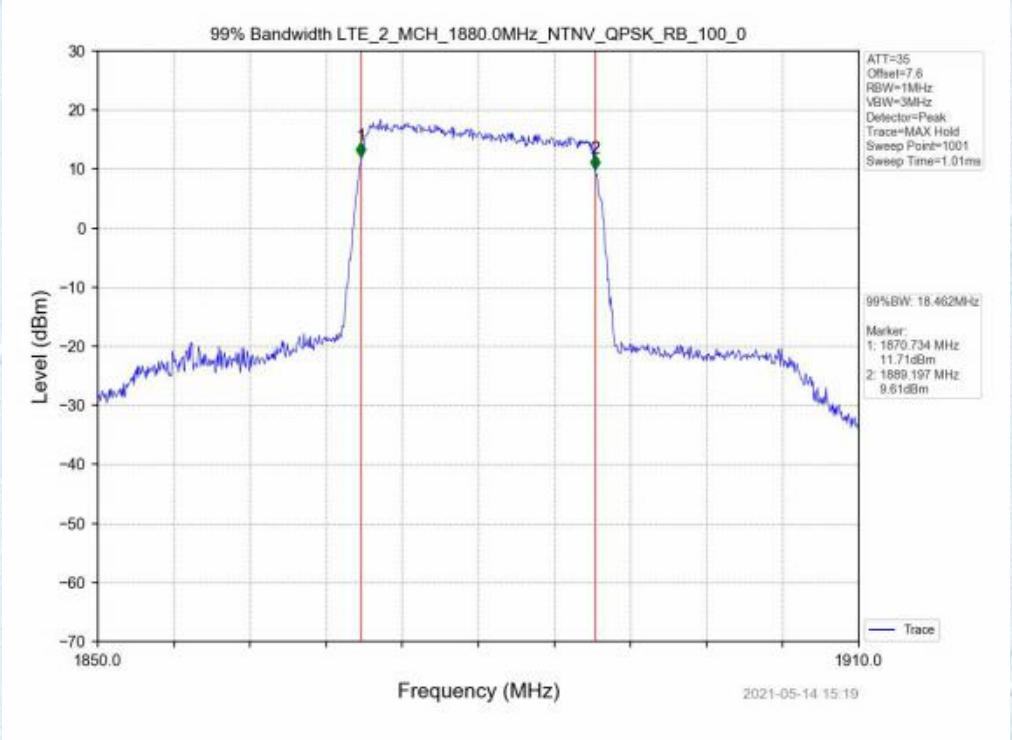
Test Graph

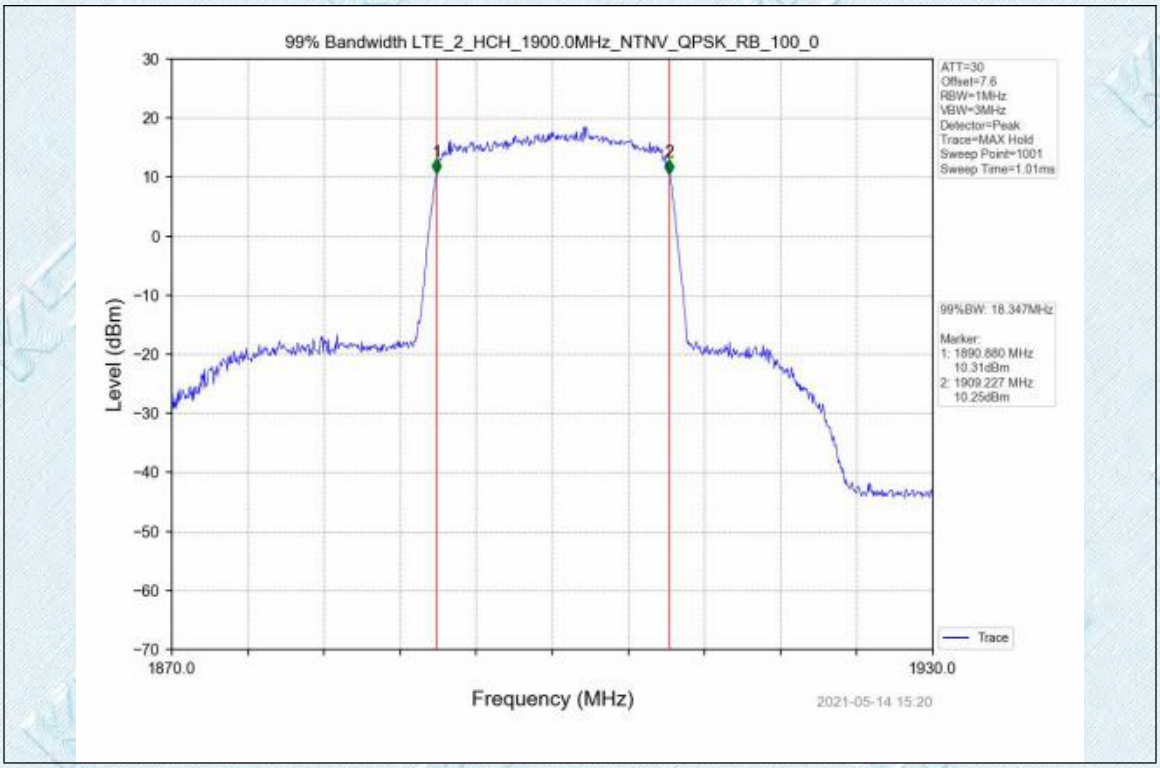



99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_100_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 18.424MHz
Marker:
1: 1870.747 MHz
11.42dBm
2: 1889.171 MHz
9.54dBm
Trace
Level (dBm)
Frequency (MHz)
1850.0
1910.0
2021-05-14 15:18


99% Bandwidth LTE_2_HCH_1900.0MHz_NTNV_16QAM_RB_100_0
ATT=30
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 18.328MHz
Marker:
1: 1890.892 MHz
9.02dBm
2: 1909.220 MHz
9.79dBm
Trace
Level (dBm)
Frequency (MHz)
1870.0
1930.0
2021-05-14 15:19

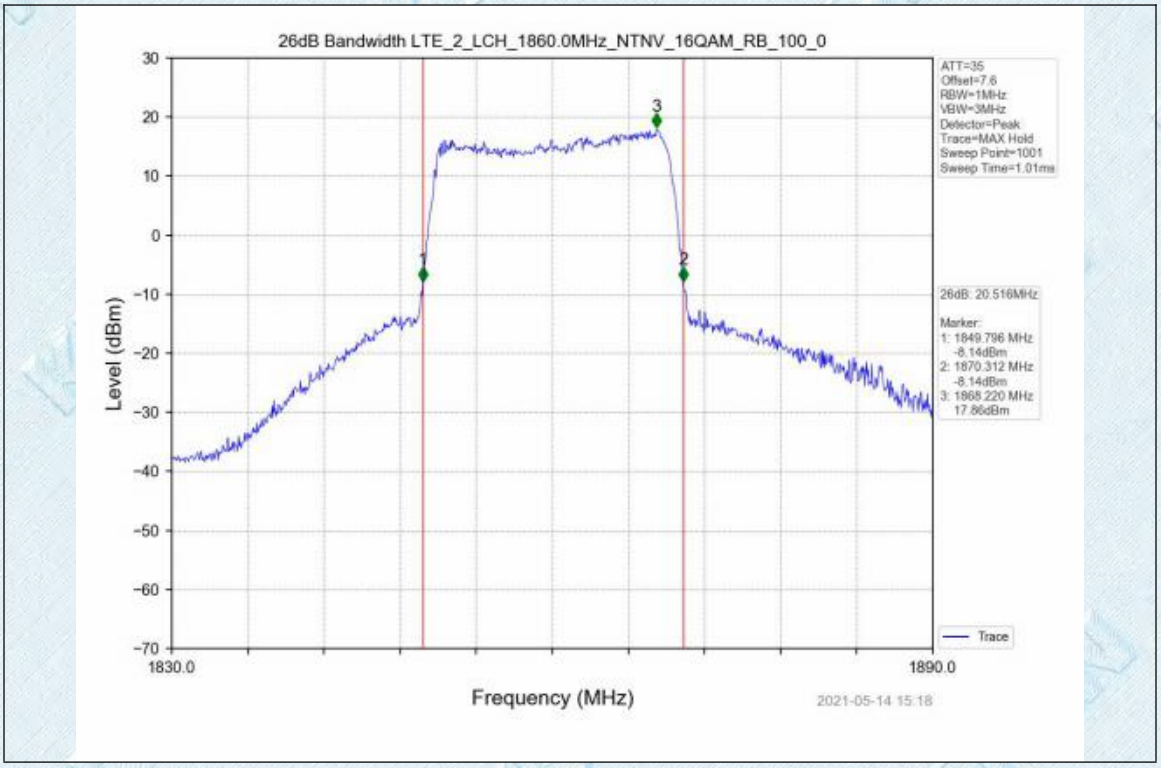

99% Bandwidth LTE_2_LCH_1860.0MHz_NTNV_QPSK_RB_100_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 18.644MHz
Marker:
1: 1850.777 MHz
11.88dBm
2: 1869.421 MHz
10.65dBm
Trace
Level (dBm)
Frequency (MHz)
1830.0
1890.0
2021-05-14 15:19

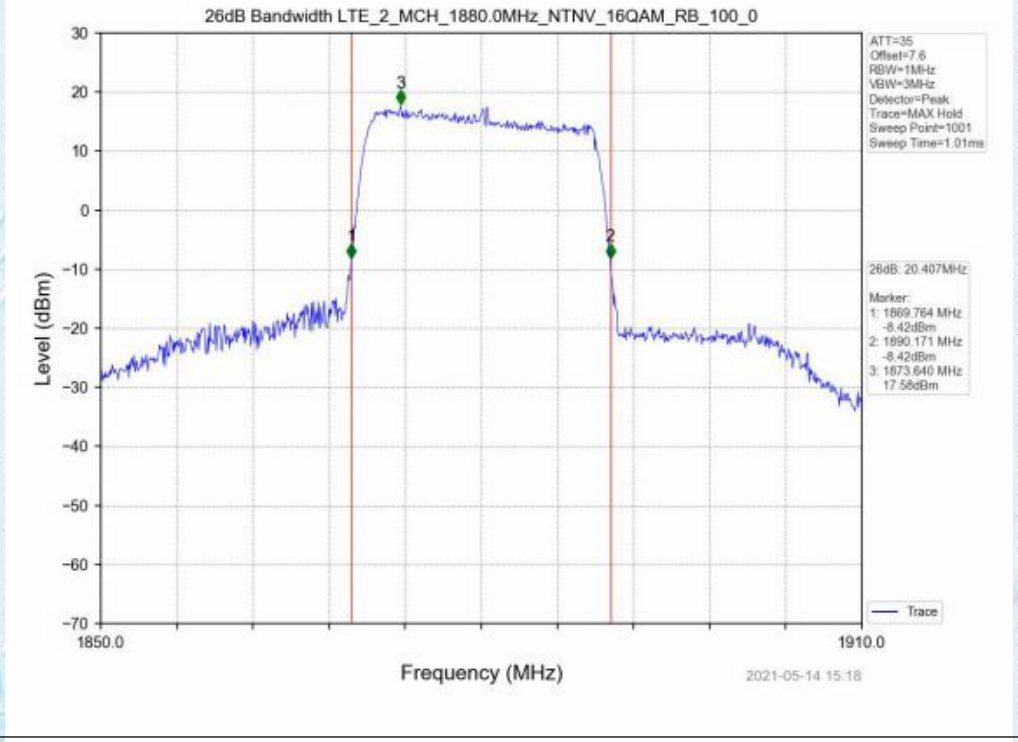

99% Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_100_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 18.462MHz
Marker:
1: 1870.734 MHz
11.71dBm
2: 1889.197 MHz
9.61dBm
Trace
Level (dBm)
Frequency (MHz)
1850.0
1910.0
2021-05-14 15:19

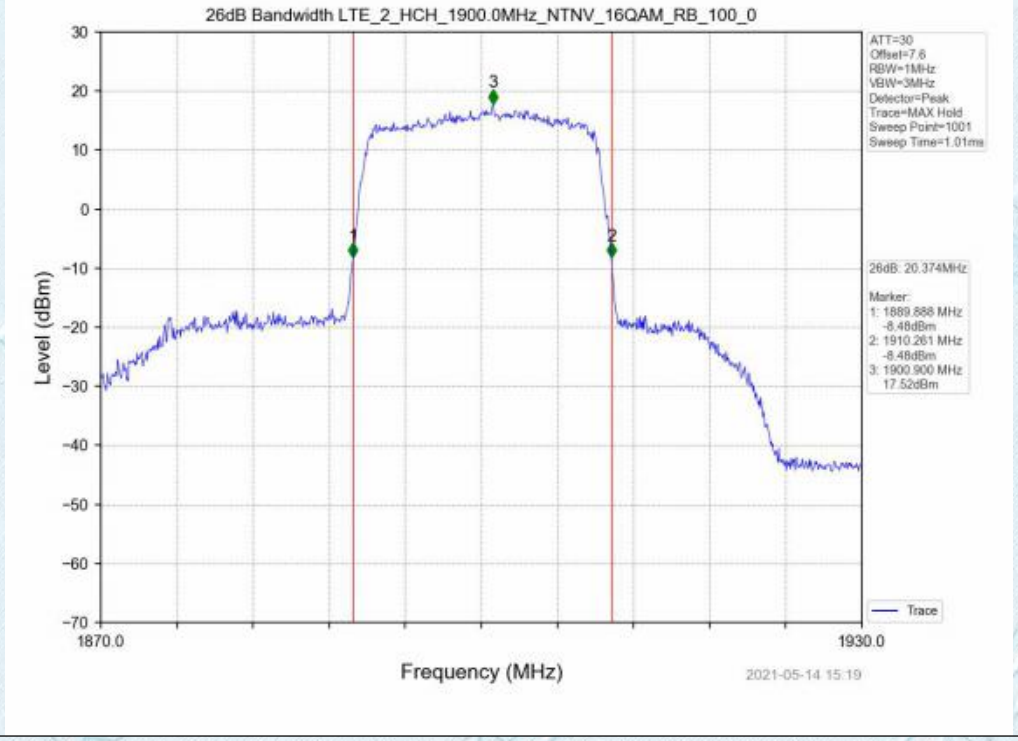

99% Bandwidth LTE_2_HCH_1900.0MHz_NTNV_QPSK_RB_100_0
ATT=30
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
99%BW: 18.347MHz
Marker:
1: 1890.880 MHz
10.31dBm
2: 1909.227 MHz
10.25dBm
Trace
Level (dBm)
Frequency (MHz)
1870.0
1930.0
2021-05-14 15:20

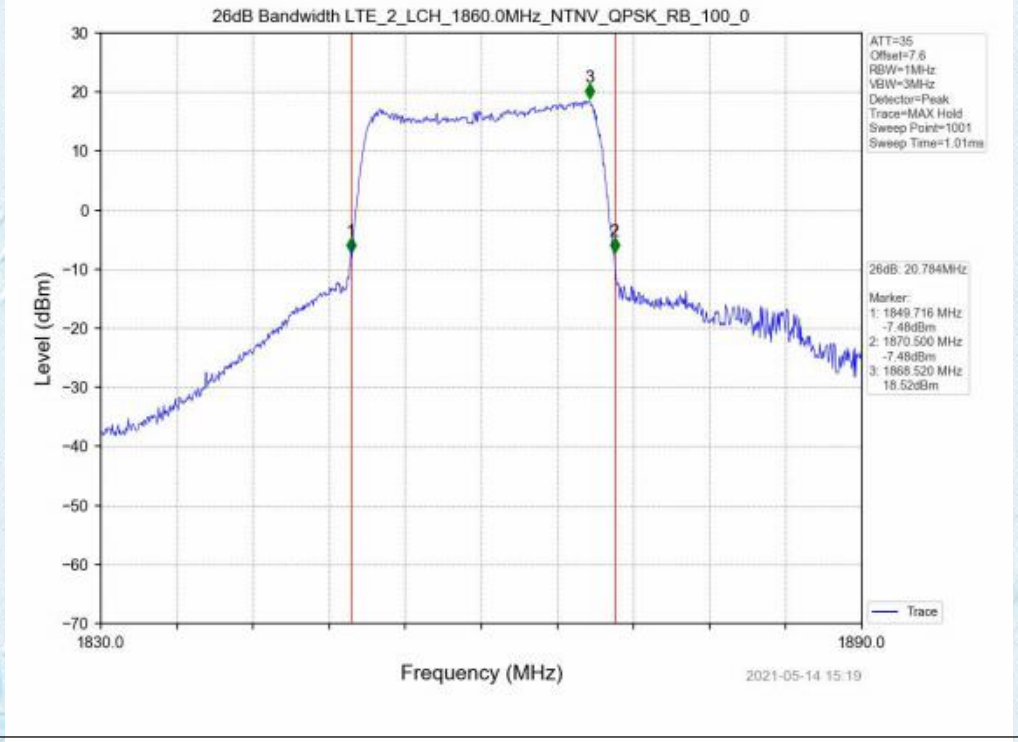
Test Band: 2 _ 20MHz Bandwidth							
Test Mode	RB Allocation		26dB Bandwidth (MHz)			Limit	Verdict
	Size	Offset	LCH	MCH	HCH		
QPSK	100	0	20.784	20.415	20.254	N/A	PASS
16QAM	100	0	20.516	20.407	20.374	N/A	PASS

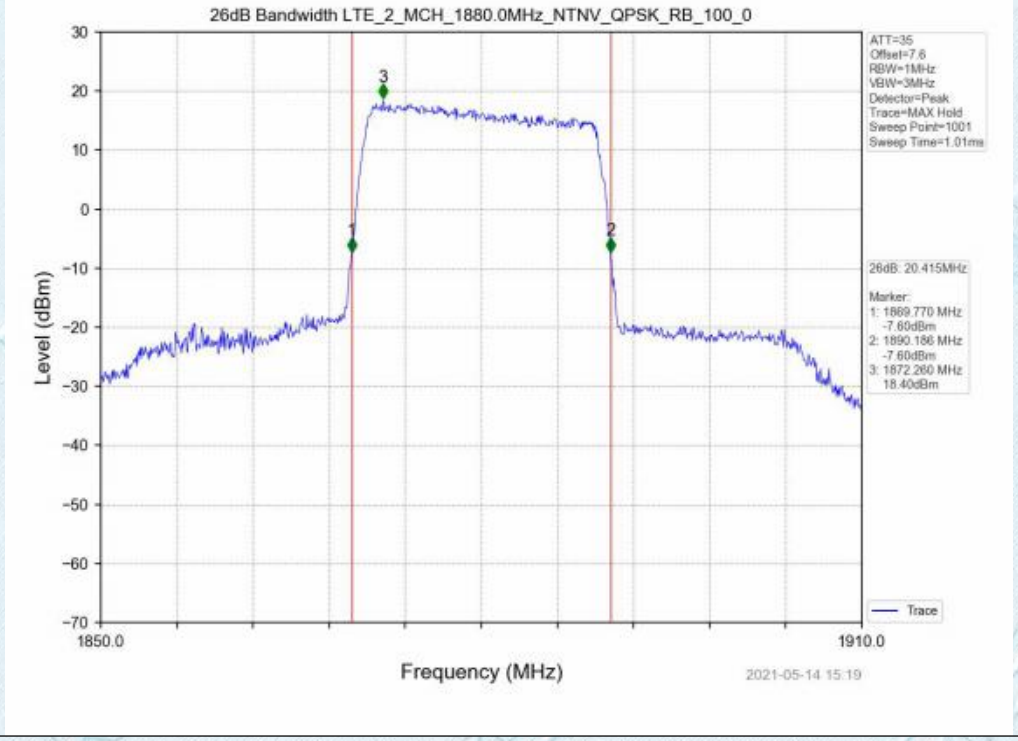
Test Graph

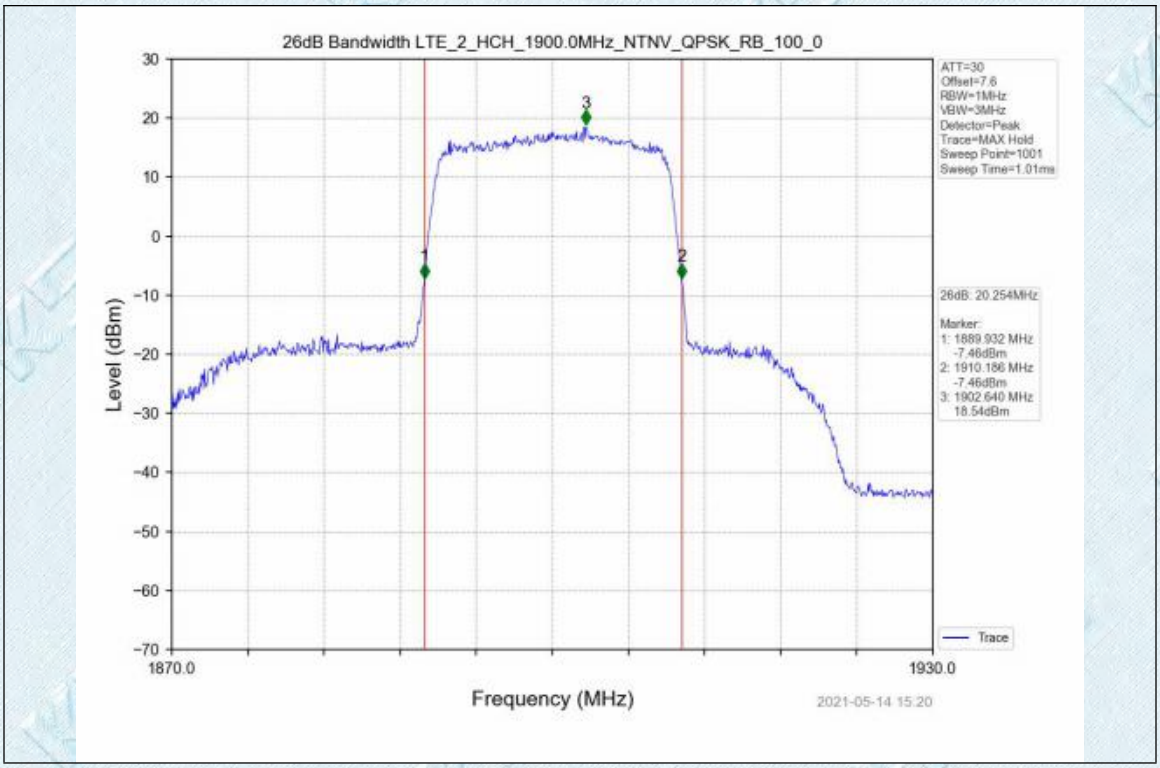



26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_100_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 20.407MHz
Marker:
1: 1869.764 MHz
-8.42dBm
2: 1890.171 MHz
-8.42dBm
3: 1873.640 MHz
17.58dBm
Trace
Level (dBm)
Frequency (MHz)
1850.0
1910.0
2021-05-14 15:18


26dB Bandwidth LTE_2_HCH_1900.0MHz_NTNV_16QAM_RB_100_0
ATT=30
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 20.374MHz
Marker:
1: 1889.888 MHz
-8.48dBm
2: 1910.261 MHz
-8.48dBm
3: 1900.900 MHz
17.52dBm
Trace
Level (dBm)
Frequency (MHz)
1870.0
1930.0
2021-05-14 15:19


26dB Bandwidth LTE_2_LCH_1860.0MHz_NTNV_QPSK_RB_100_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 20.784MHz
Marker:
1: 1849.716 MHz
-7.48dBm
2: 1870.500 MHz
-7.48dBm
3: 1868.520 MHz
18.52dBm
Trace
Level (dBm)
Frequency (MHz)
1830.0
1890.0
2021-05-14 15:19

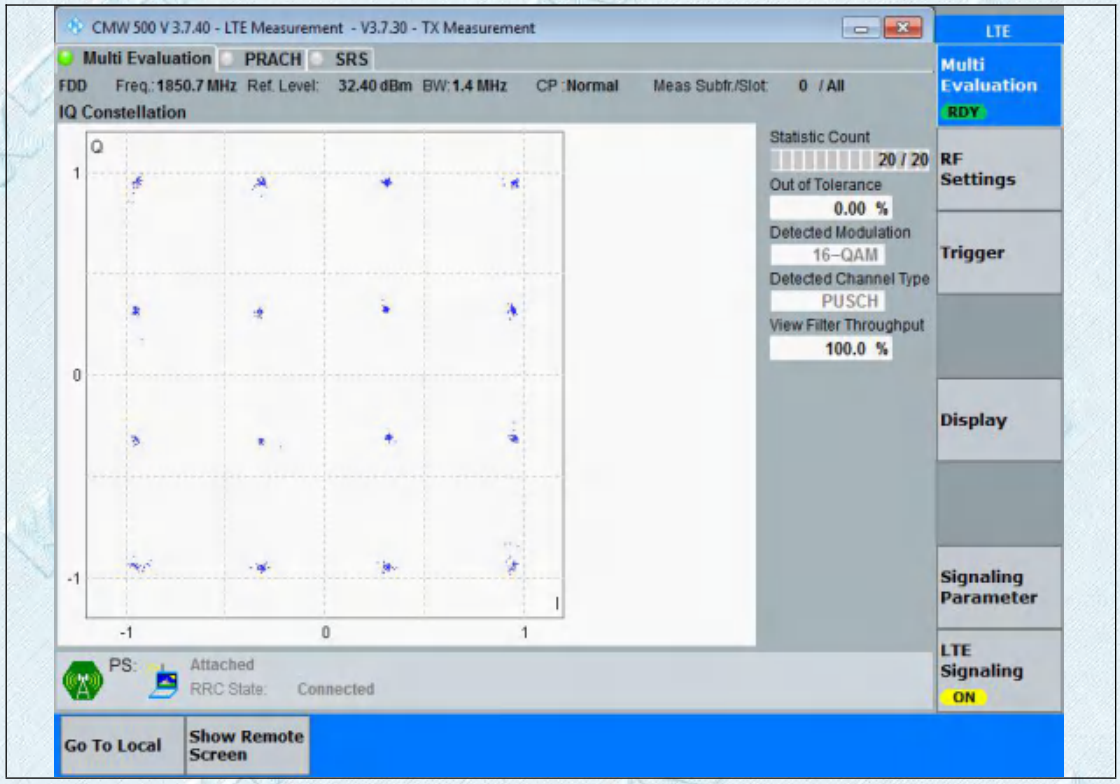

26dB Bandwidth LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_100_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 20.415MHz
Marker:
1: 1869.770 MHz
-7.60dBm
2: 1890.186 MHz
-7.60dBm
3: 1872.260 MHz
18.40dBm
Trace
Level (dBm)
Frequency (MHz)
1850.0
1910.0
2021-05-14 15:19

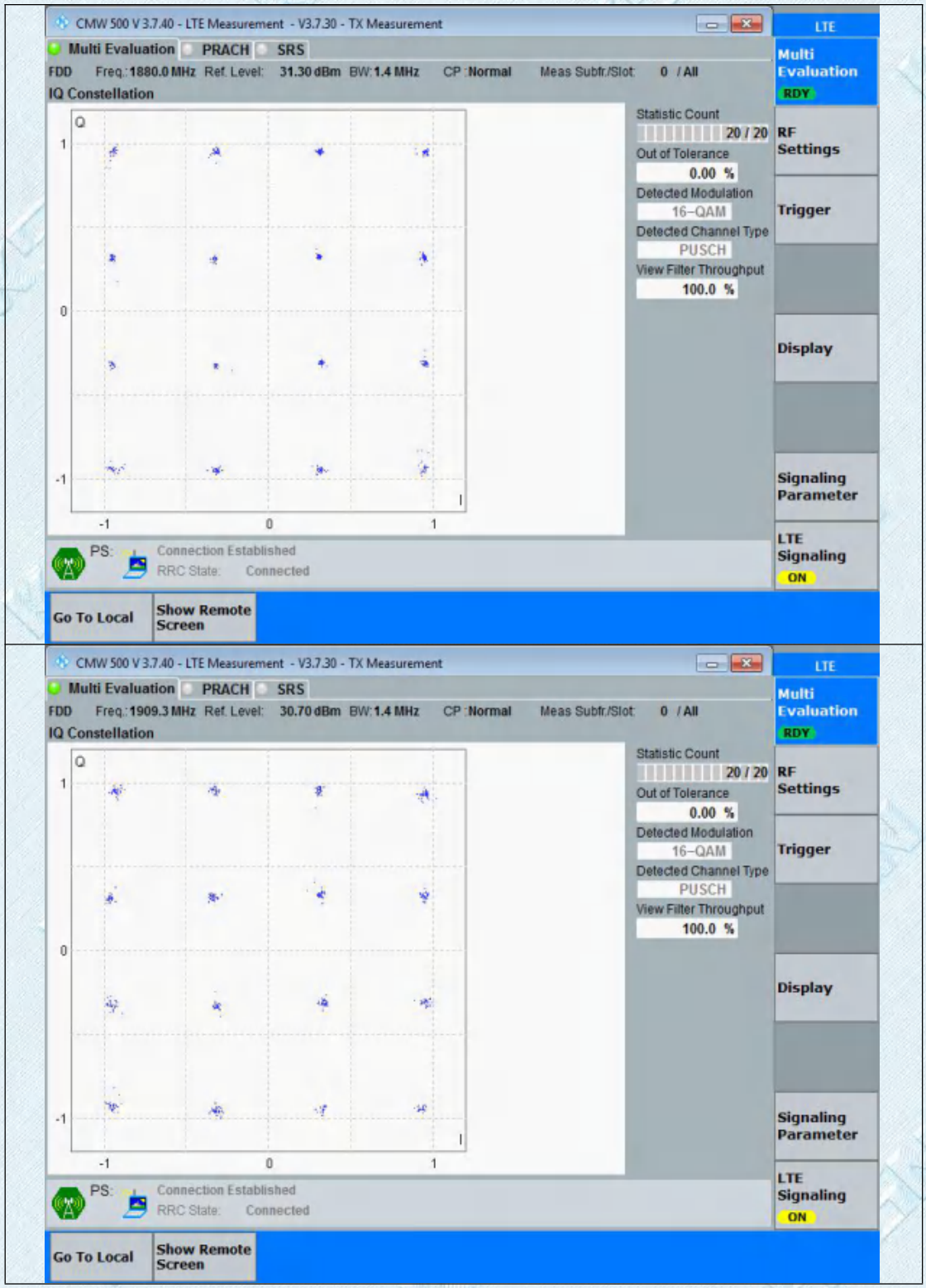

26dB Bandwidth LTE_2_HCH_1900.0MHz_NTNV_QPSK_RB_100_0
ATT=30
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=Peak
Trace=MAX Hold
Sweep Point=1001
Sweep Time=1.01ms
26dB: 20.254MHz
Marker:
1: 1889.932 MHz
-7.46dBm
2: 1910.186 MHz
-7.46dBm
3: 1902.640 MHz
18.54dBm
Trace
Level (dBm)
Frequency (MHz)
1870.0
1930.0
2021-05-14 15:20

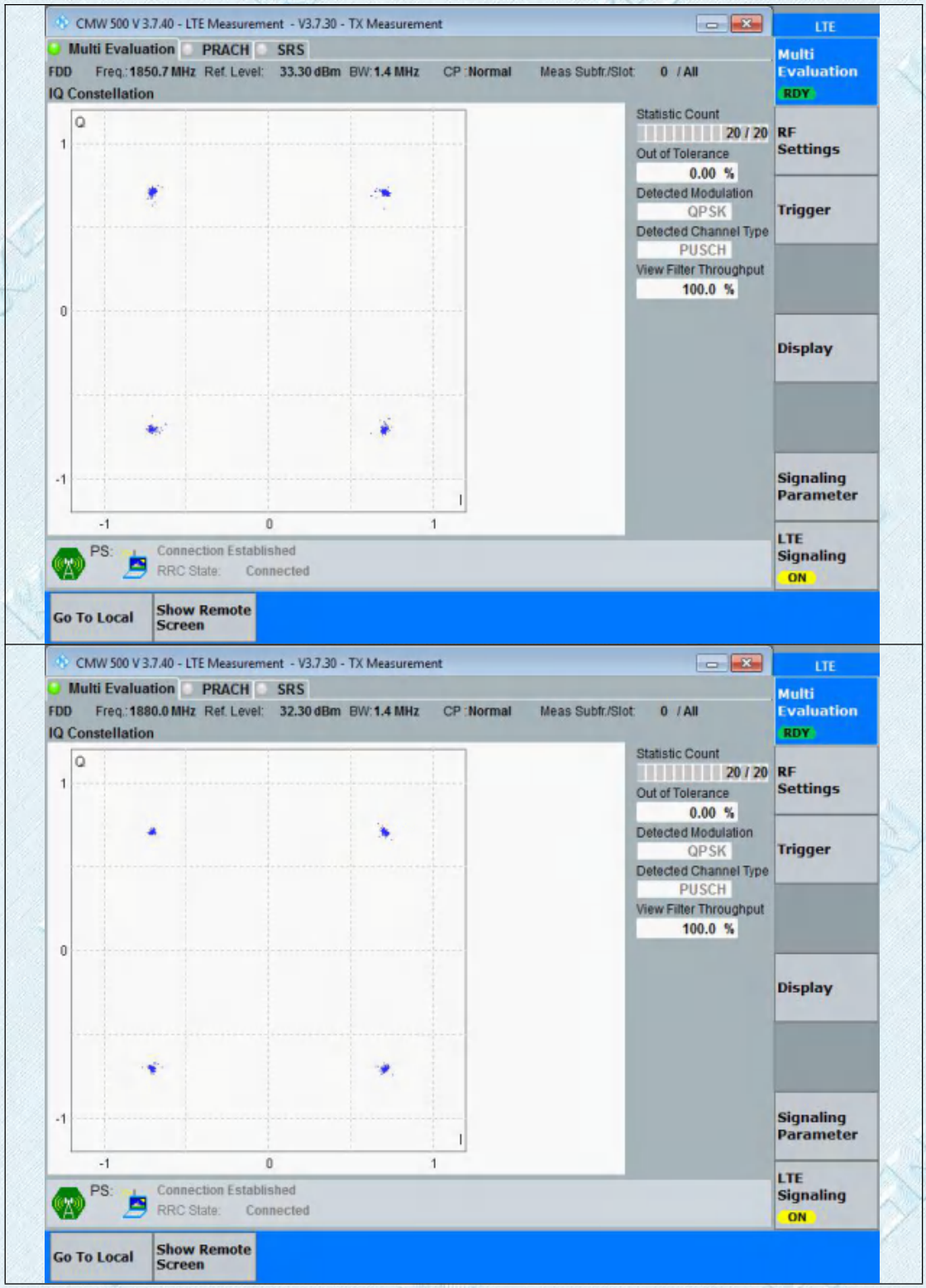
3. Modulation Characteristics

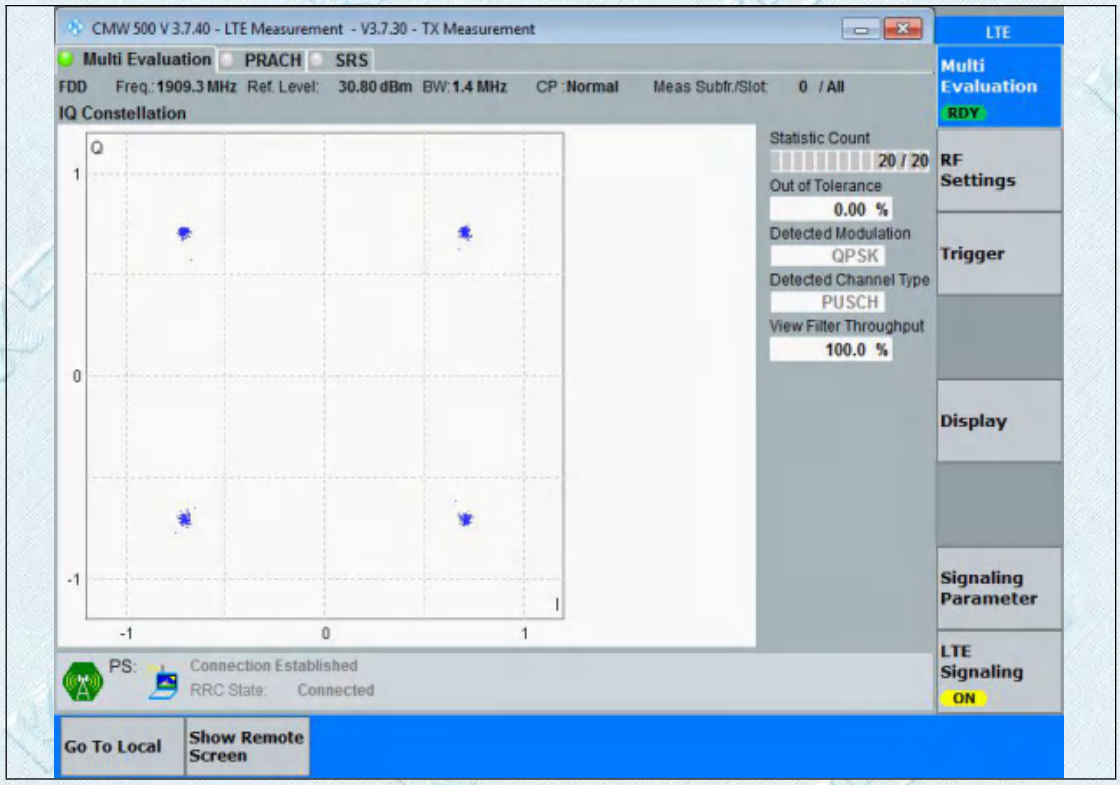
Test Band: 2 _ 1.4MHz Bandwidth

Test Graph



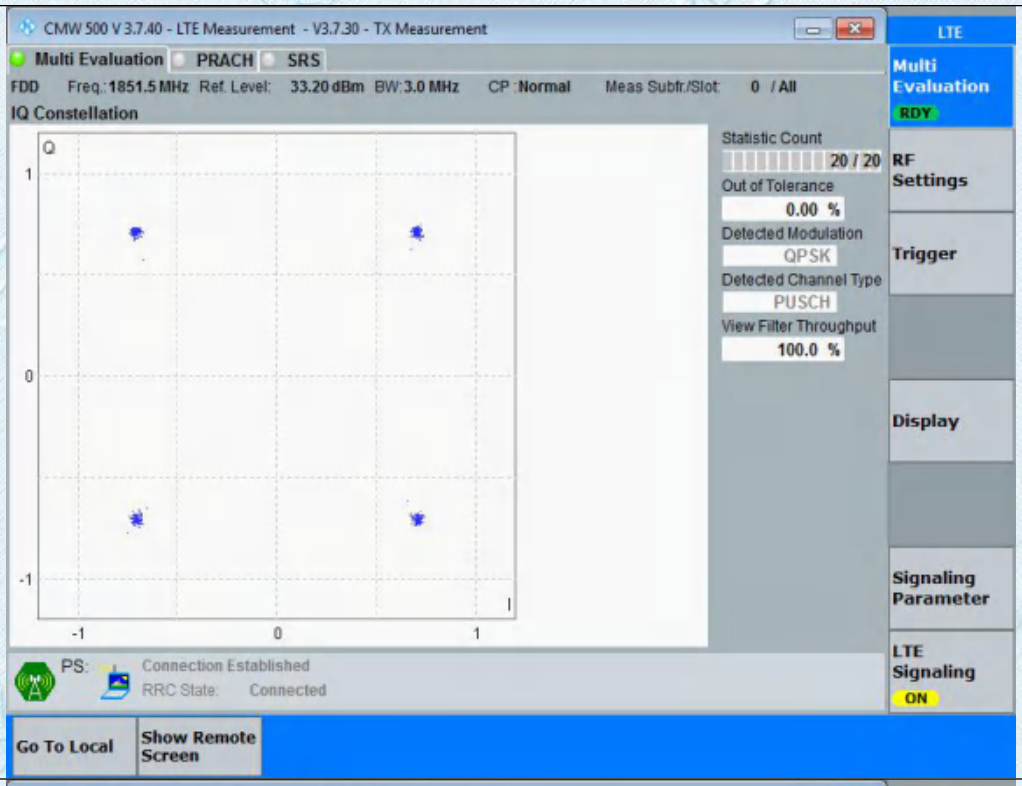

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1880.0 MHz Ref. Level: 31.30 dBm BW: 1.4 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
16-QAM
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen
CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1909.3 MHz Ref. Level: 30.70 dBm BW: 1.4 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
16-QAM
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

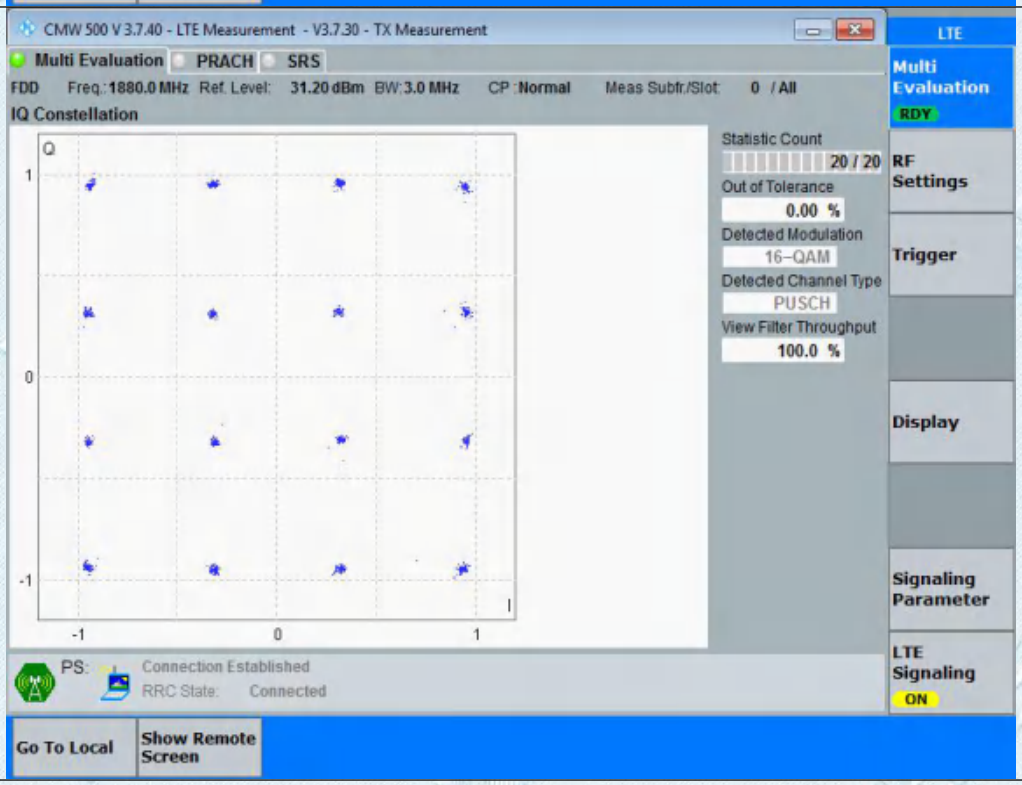

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1850.7 MHz Ref. Level: 33.30 dBm BW: 1.4 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen
CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1880.0 MHz Ref. Level: 32.30 dBm BW: 1.4 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

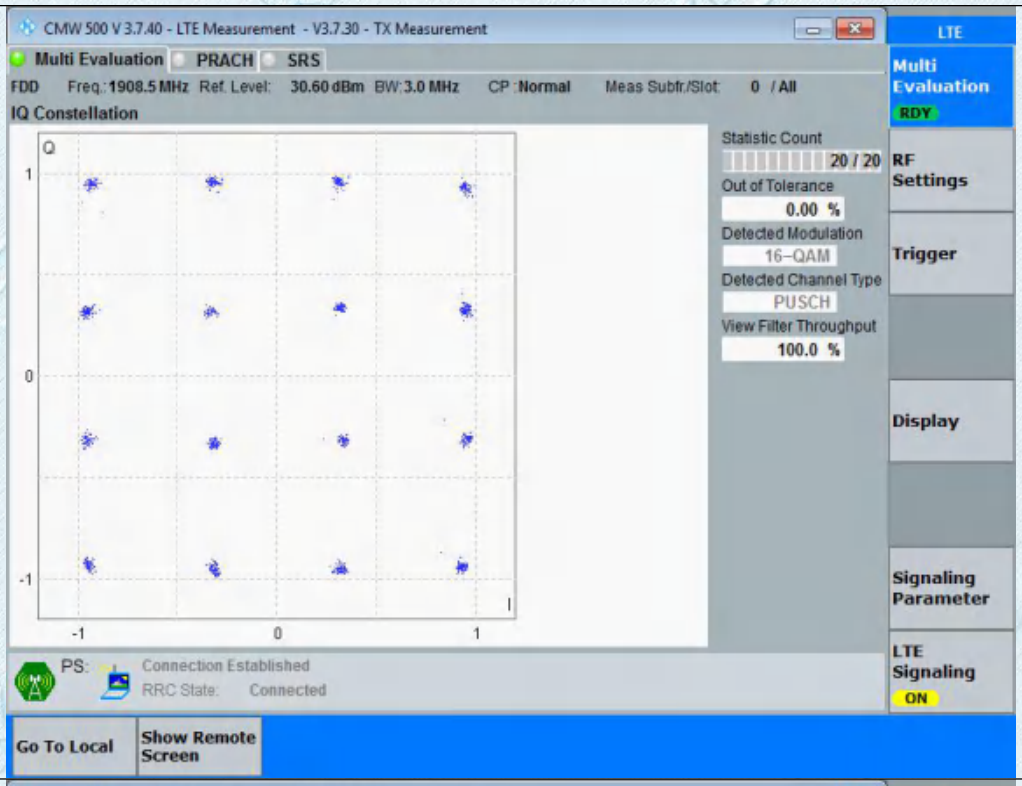


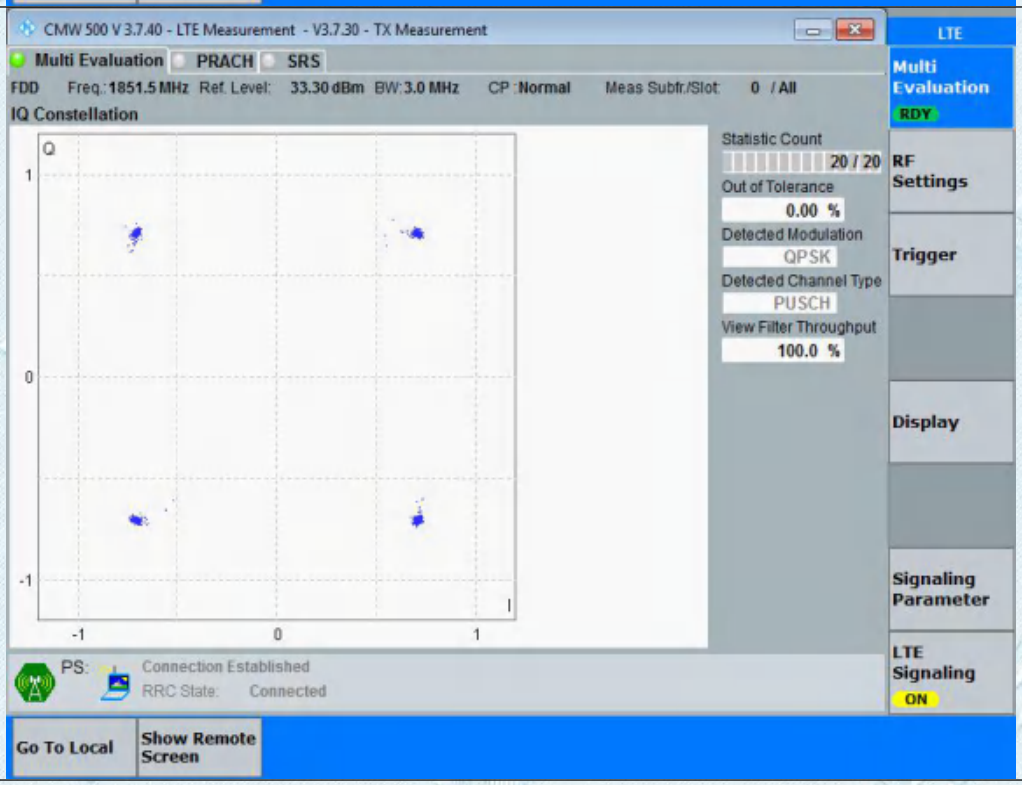
Test Band: 2 _ 3MHz Bandwidth

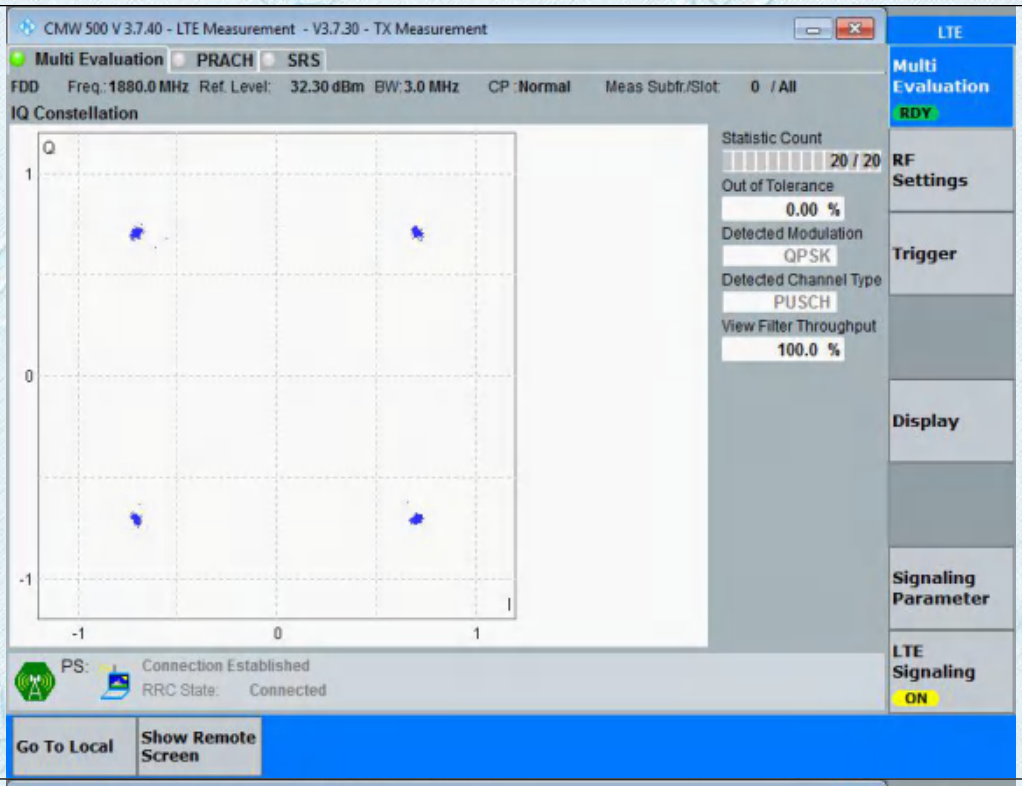
Test Graph

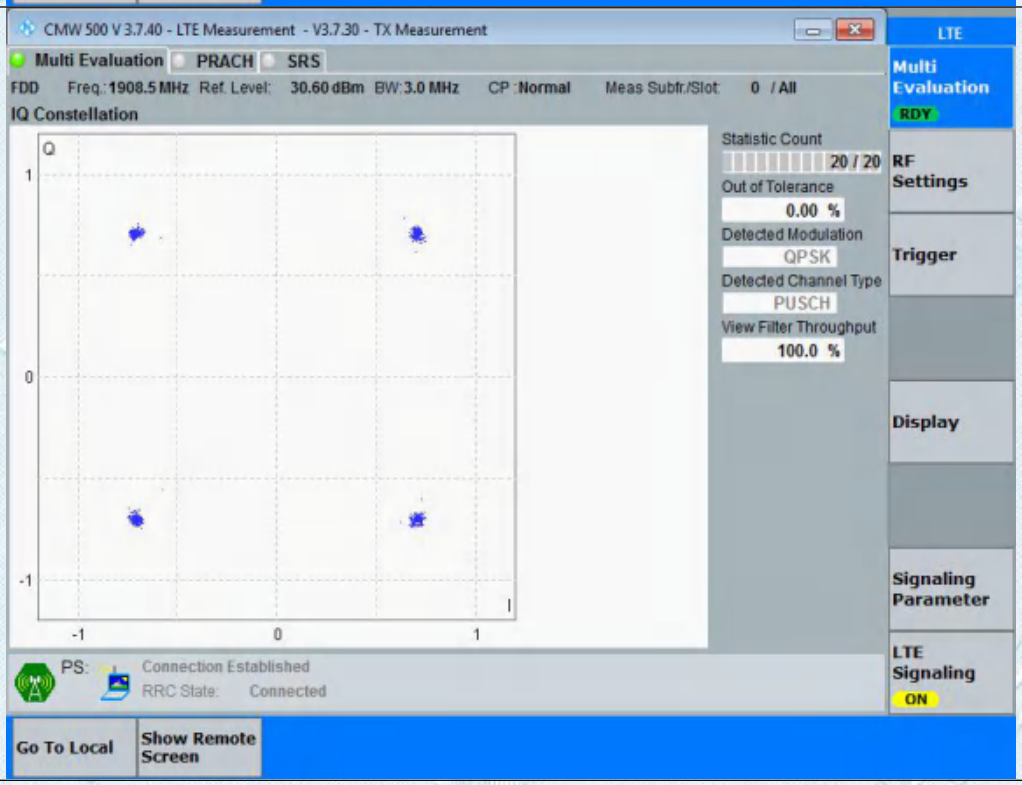

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1851.5 MHz Ref. Level: 33.20 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen


CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1880.0 MHz Ref. Level: 31.20 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
16-QAM
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen


CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1908.5 MHz Ref. Level: 30.60 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
16-QAM
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

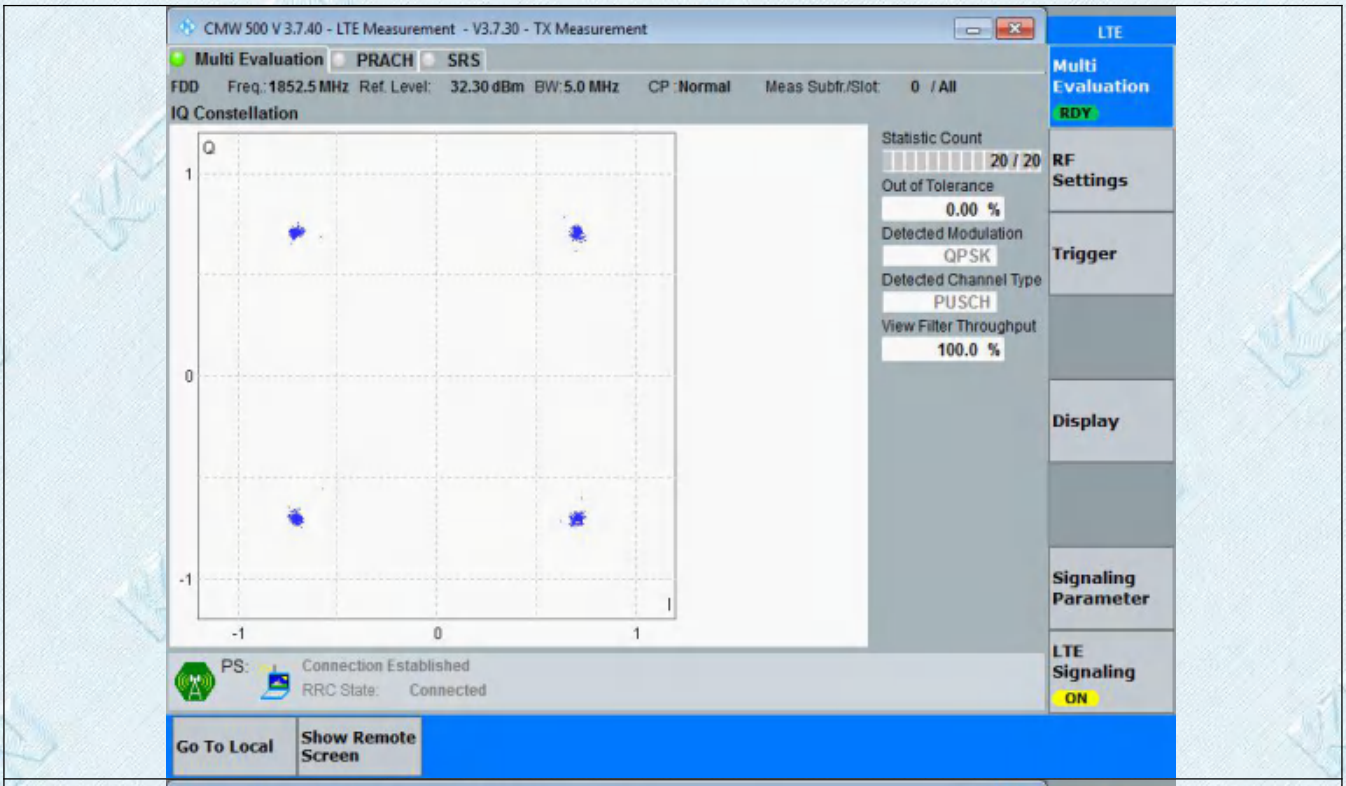

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1851.5 MHz Ref. Level: 33.30 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

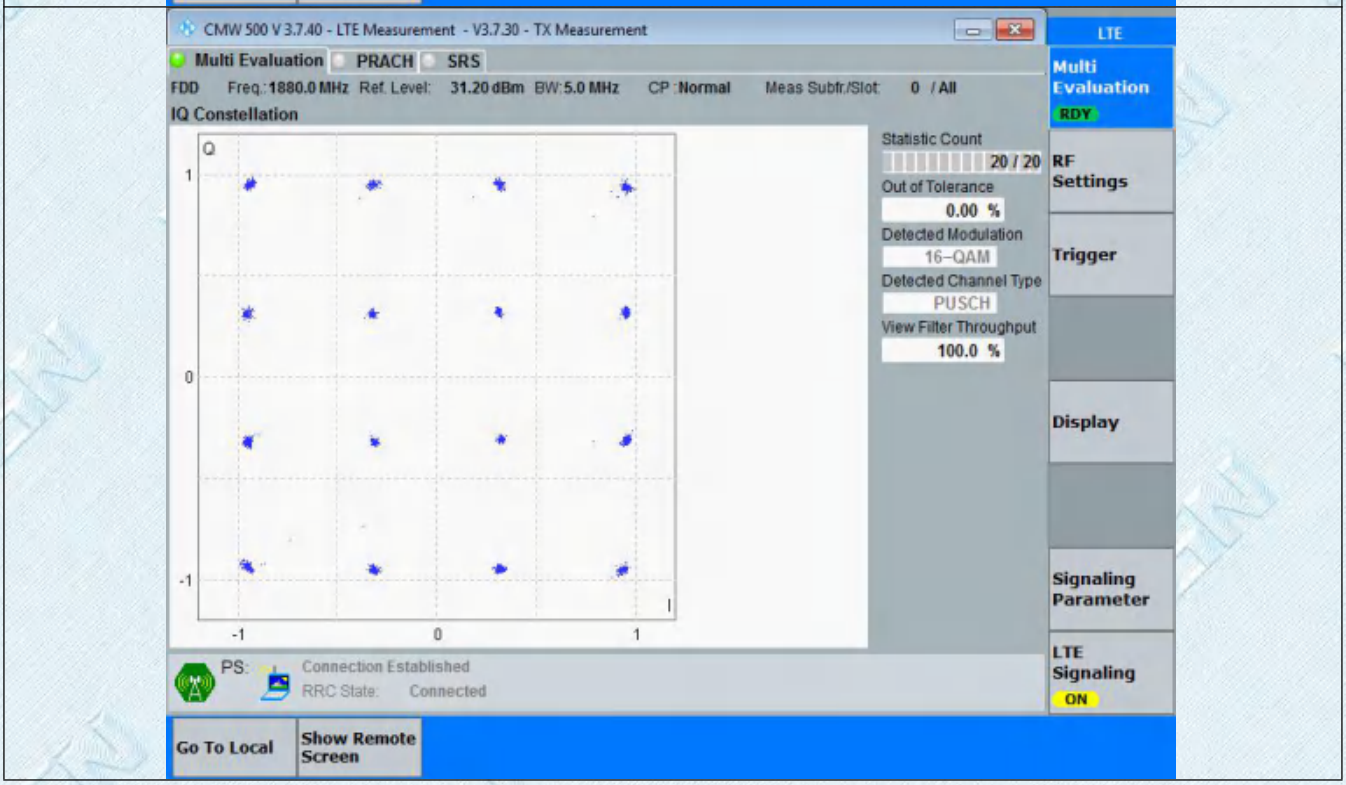

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1880.0 MHz Ref. Level: 32.30 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

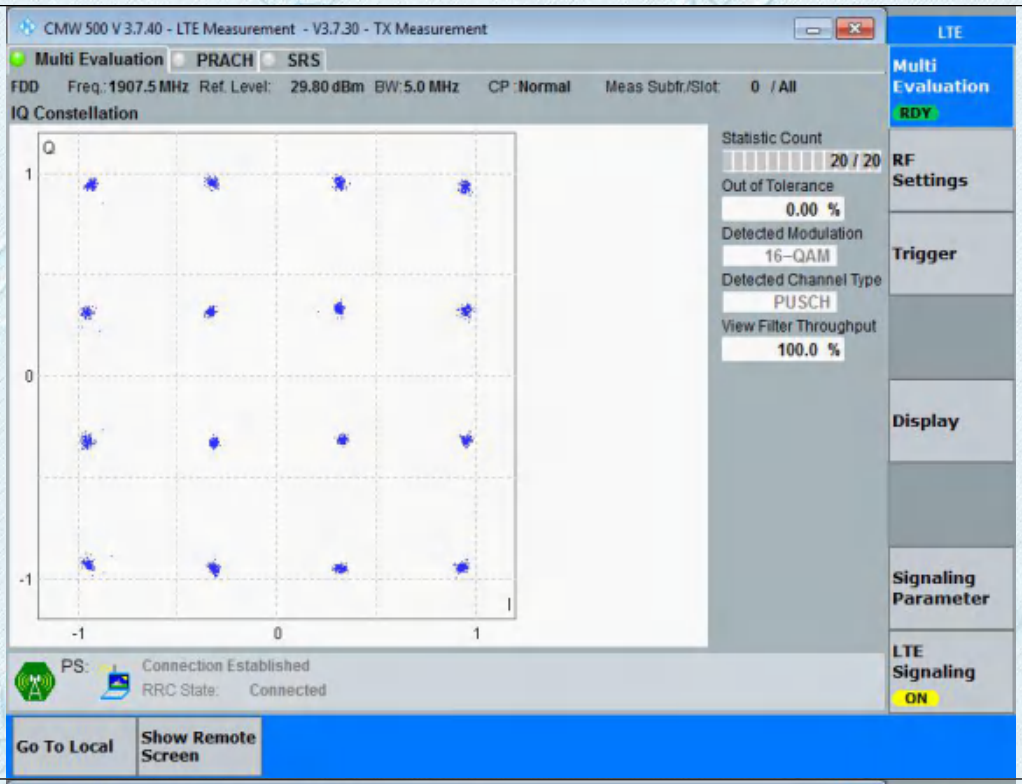

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1908.5 MHz Ref. Level: 30.60 dBm BW: 3.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

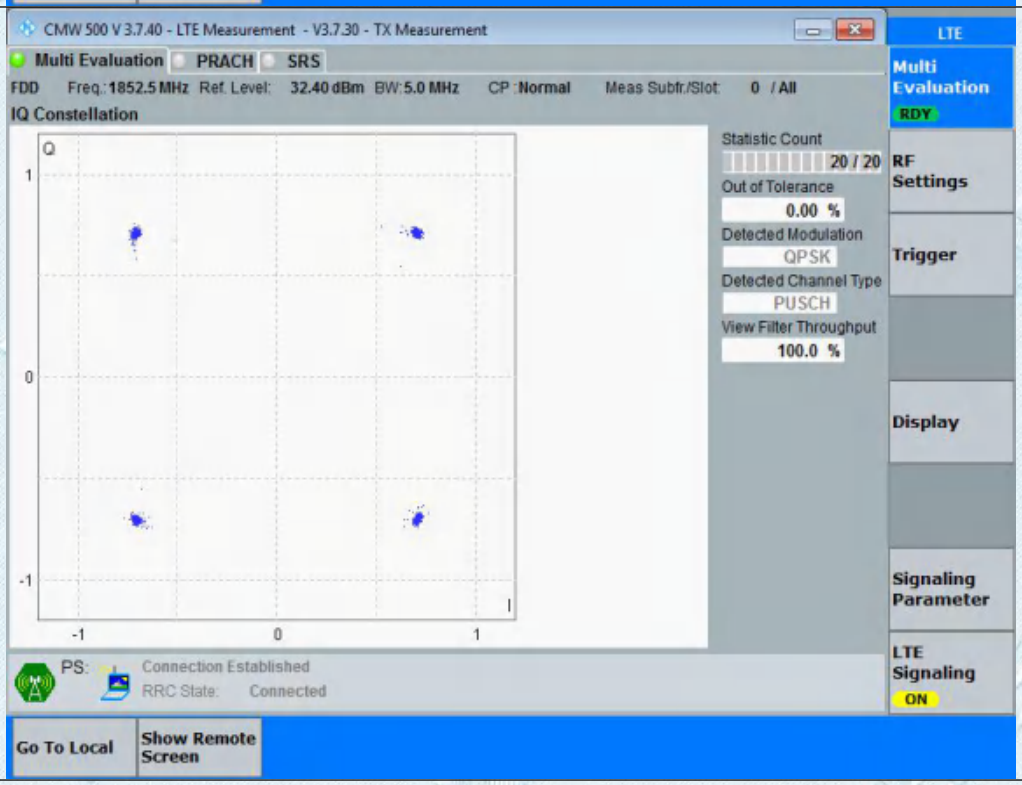
Test Band: 2 _ 5MHz Bandwidth

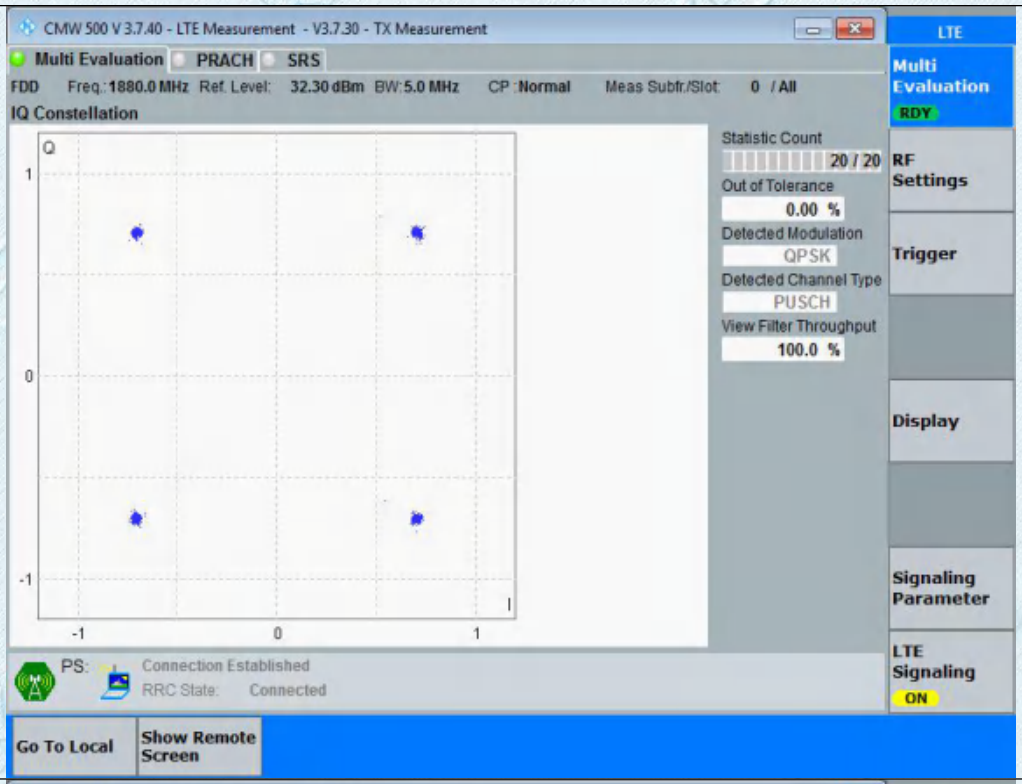
Test Graph

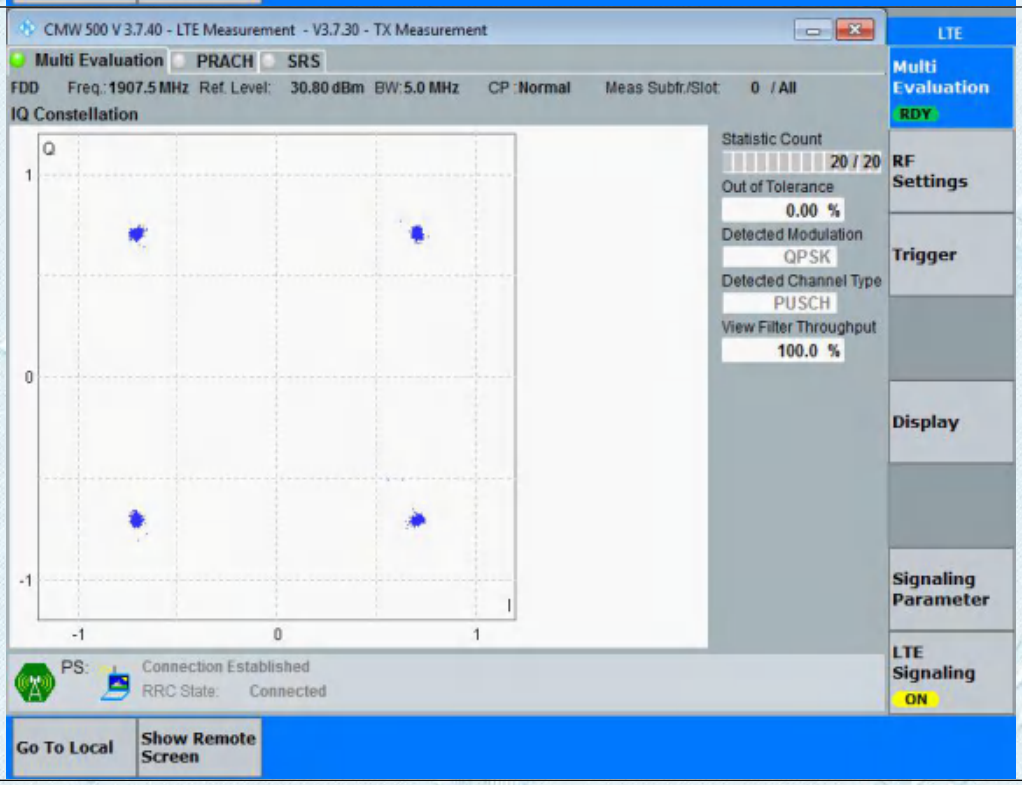





CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1907.5 MHz Ref. Level: 29.80 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
16-QAM
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

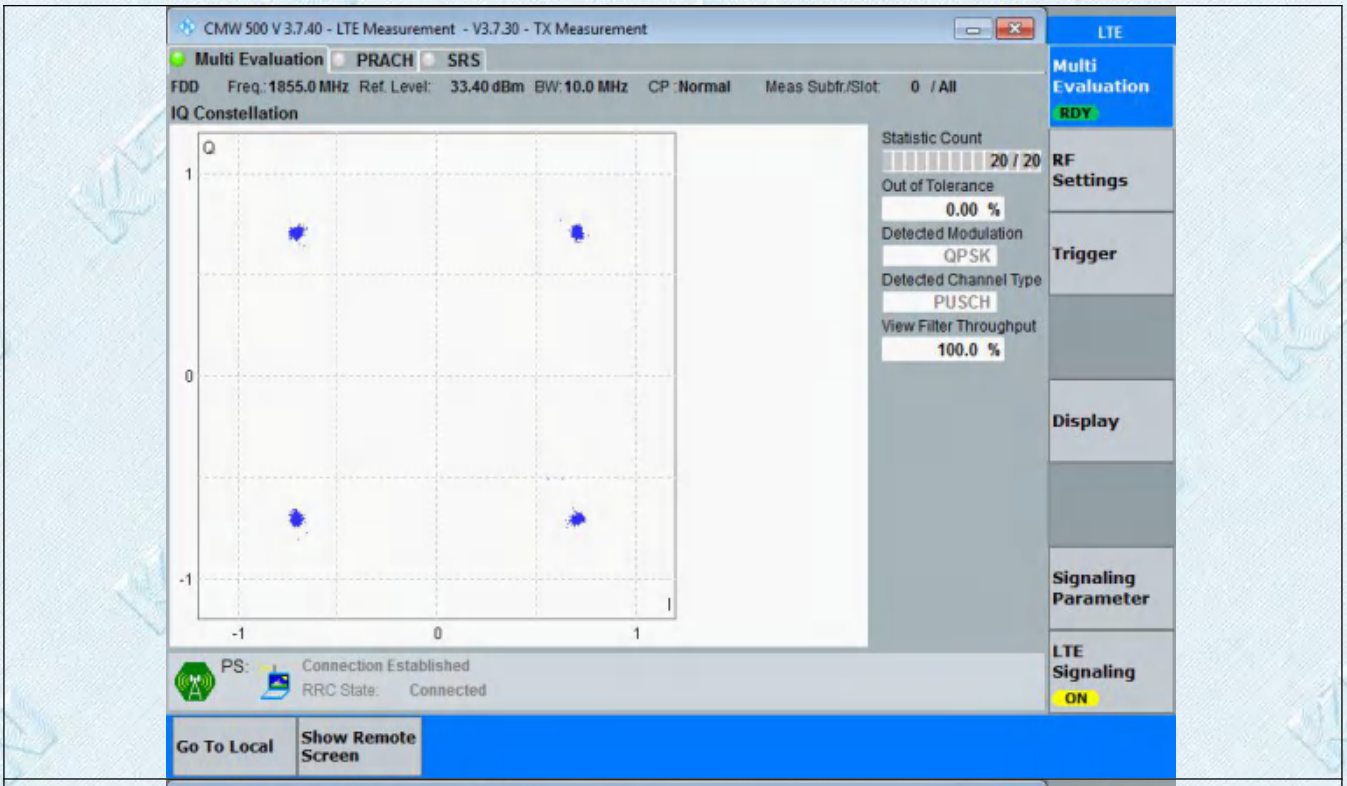

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1852.5 MHz Ref. Level: 32.40 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

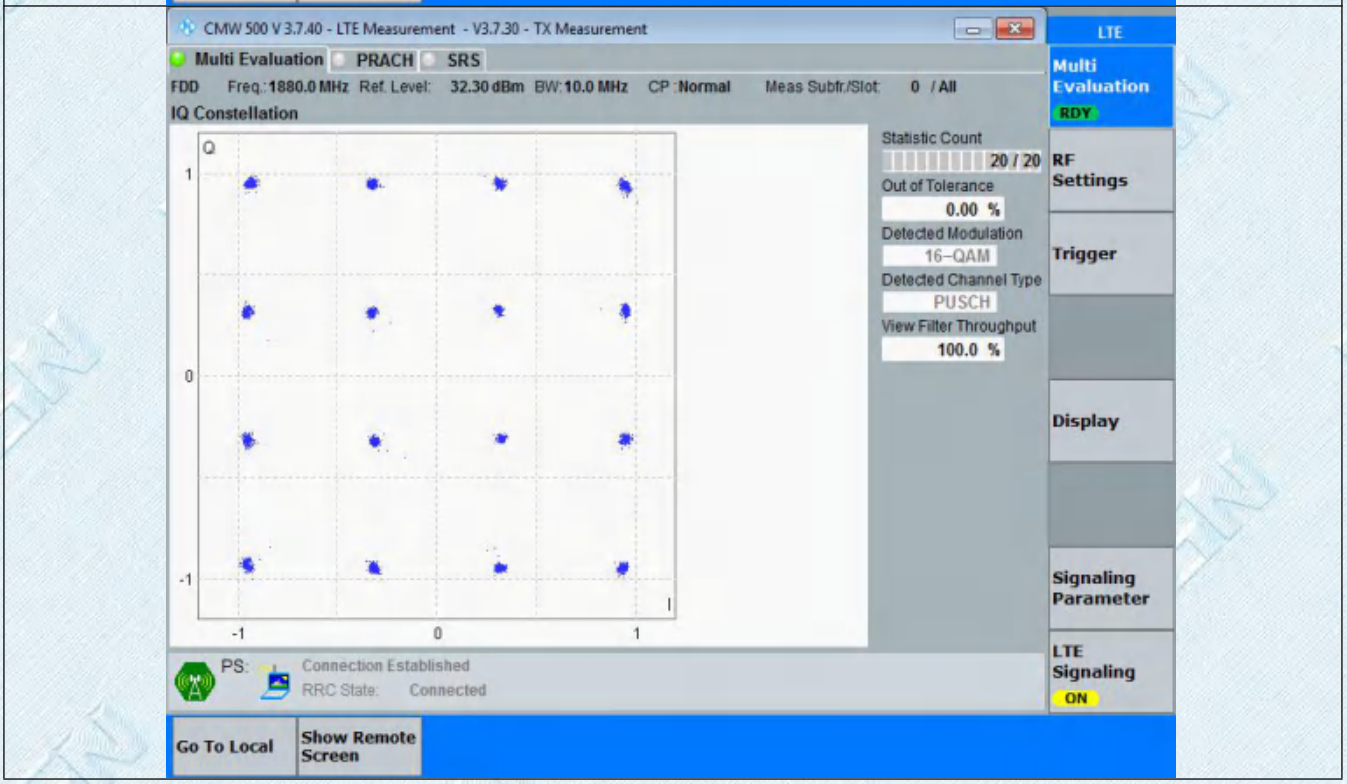

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1880.0 MHz Ref. Level: 32.30 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

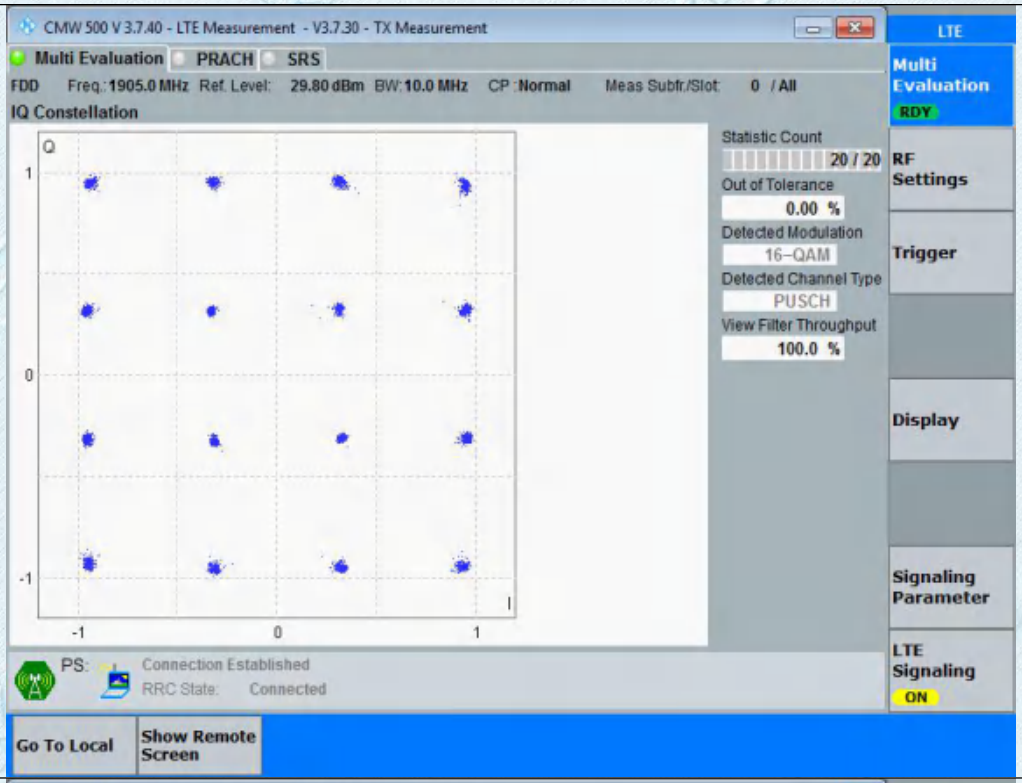

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1907.5 MHz Ref. Level: 30.80 dBm BW: 5.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

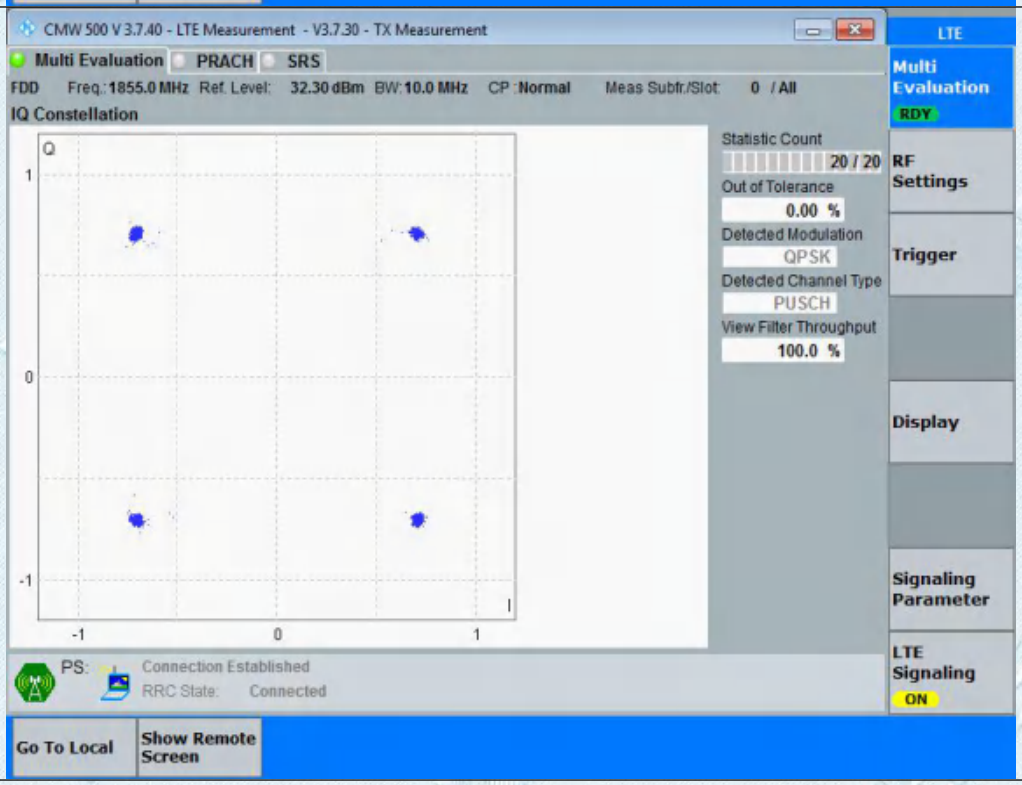
Test Band: 2 _ 10MHz Bandwidth

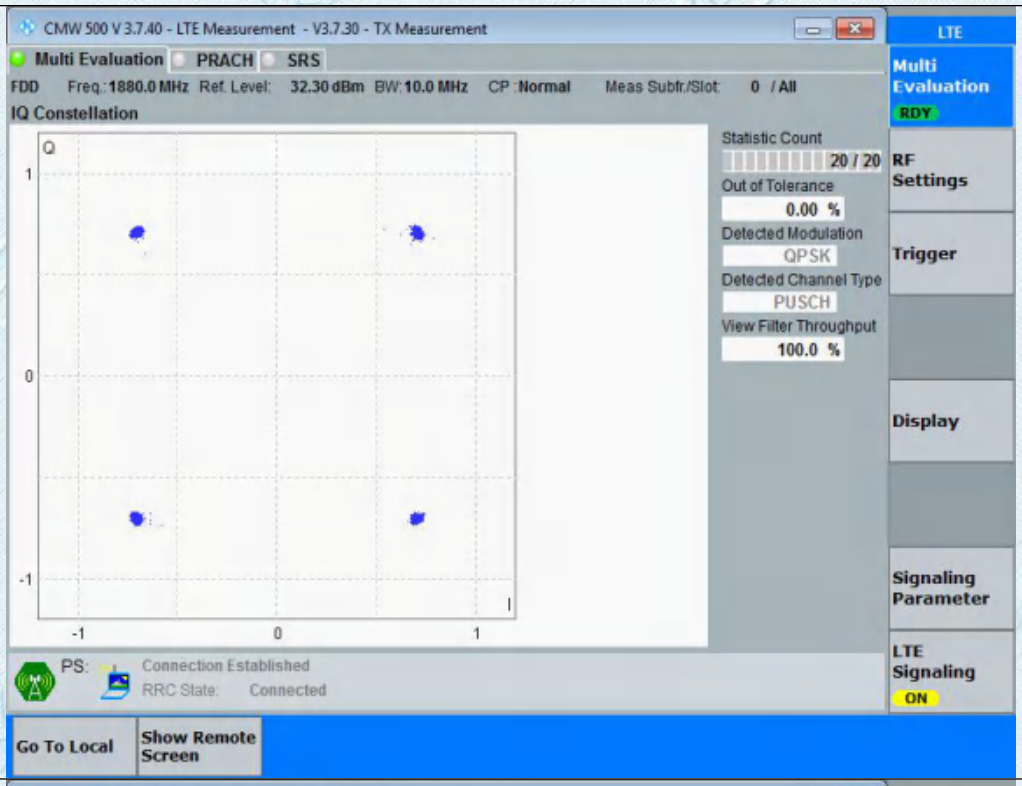
Test Graph

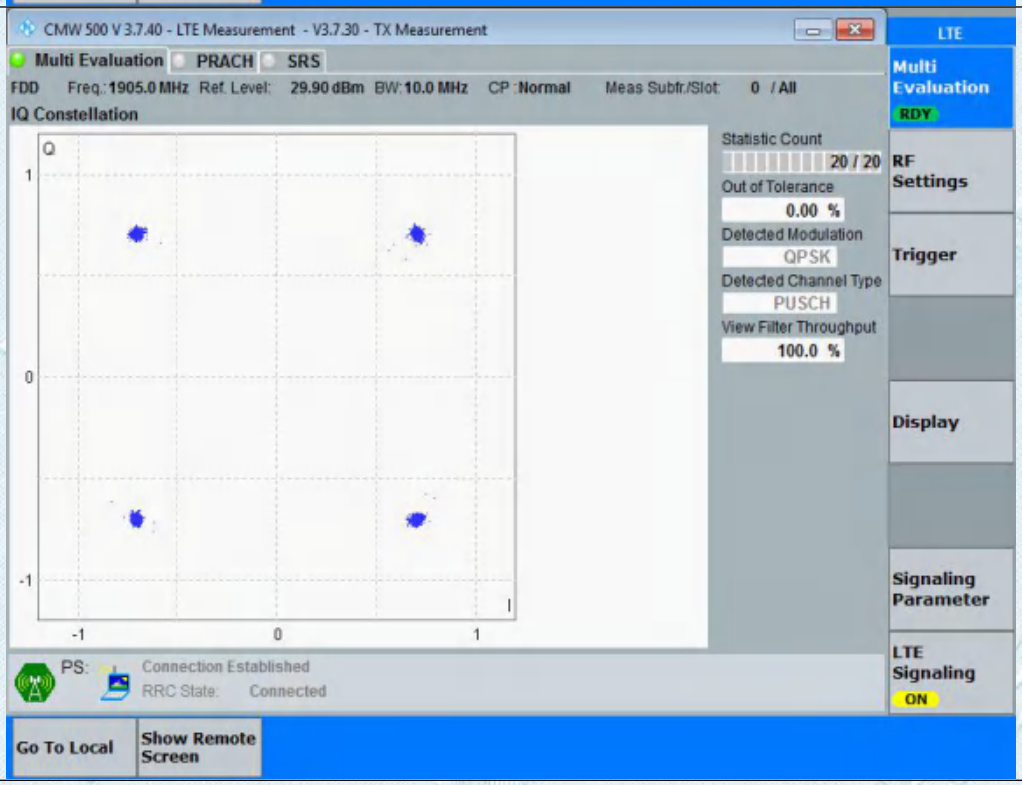





CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1905.0 MHz Ref. Level: 29.80 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
16-QAM
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

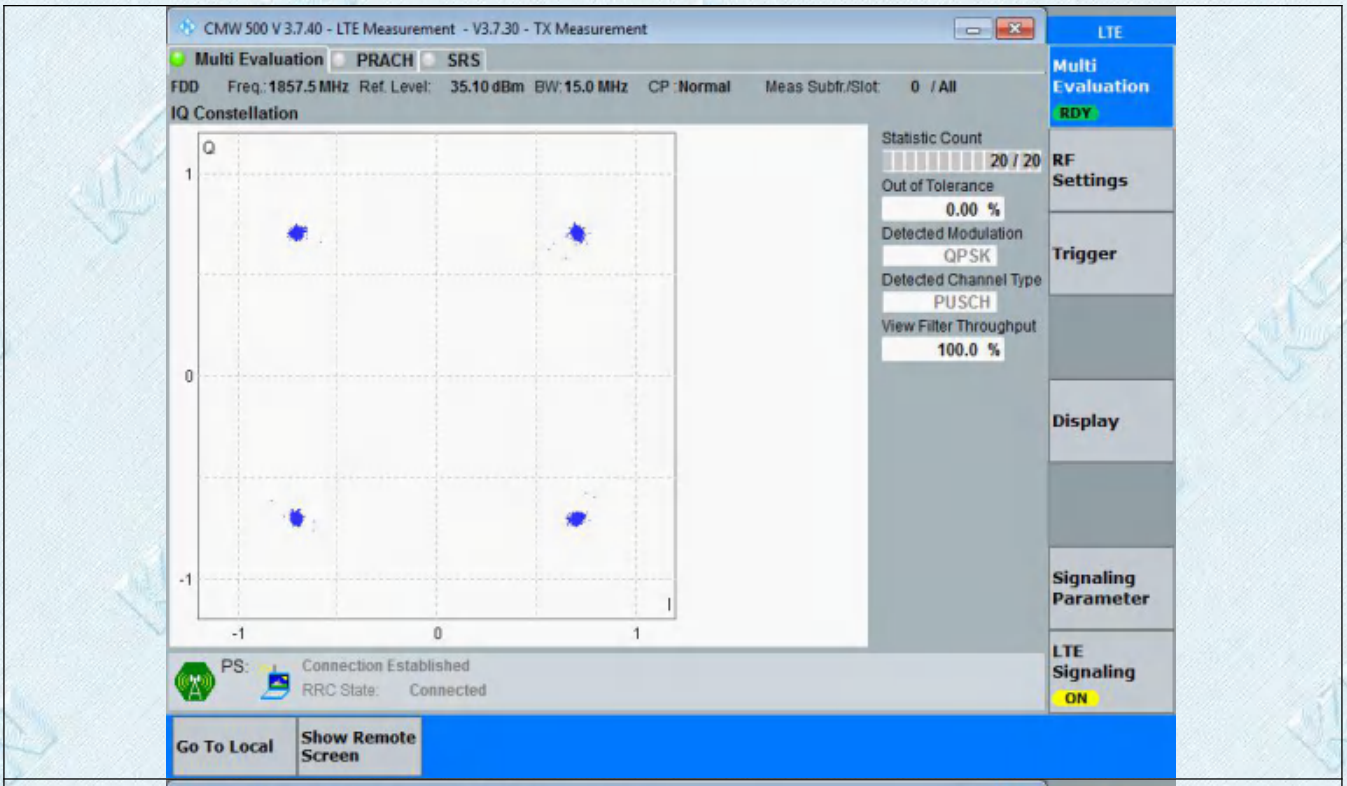

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1855.0 MHz Ref. Level: 32.30 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

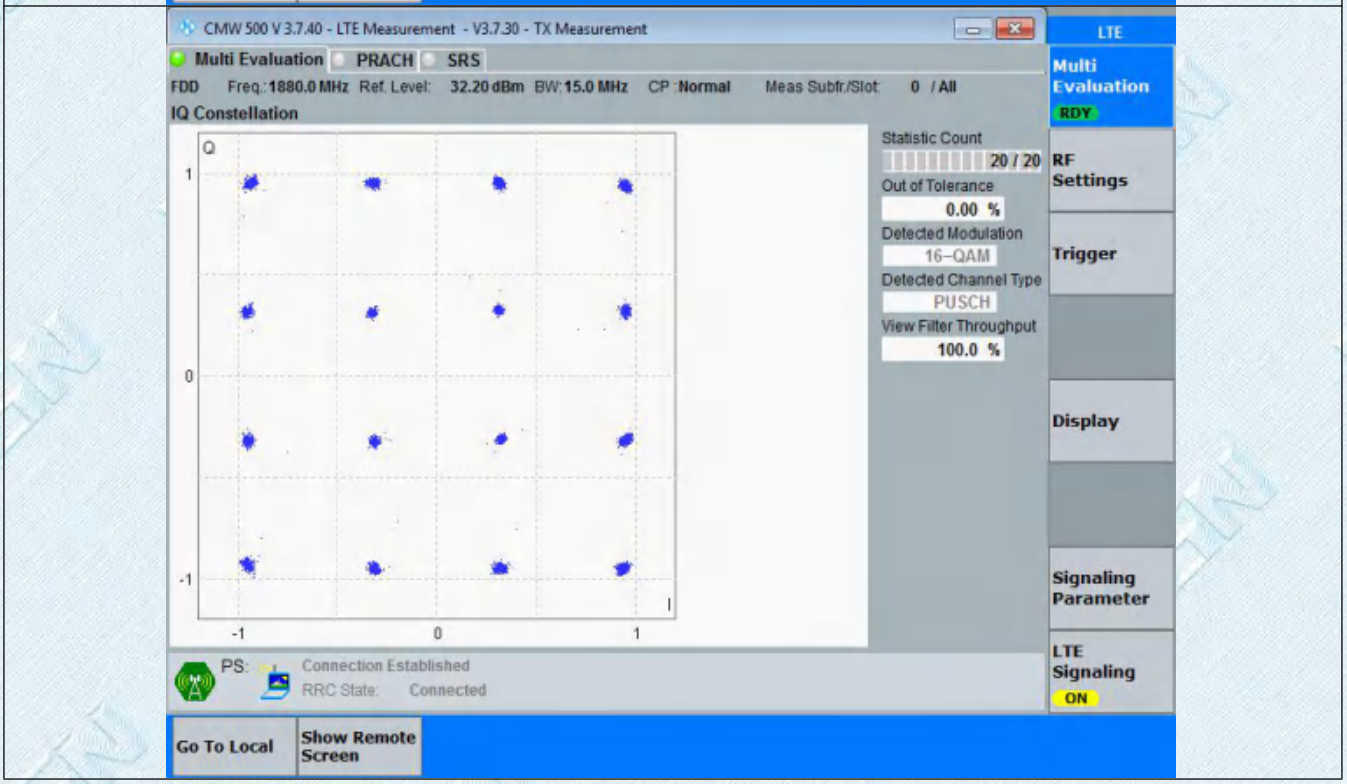

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1880.0 MHz Ref. Level: 32.30 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

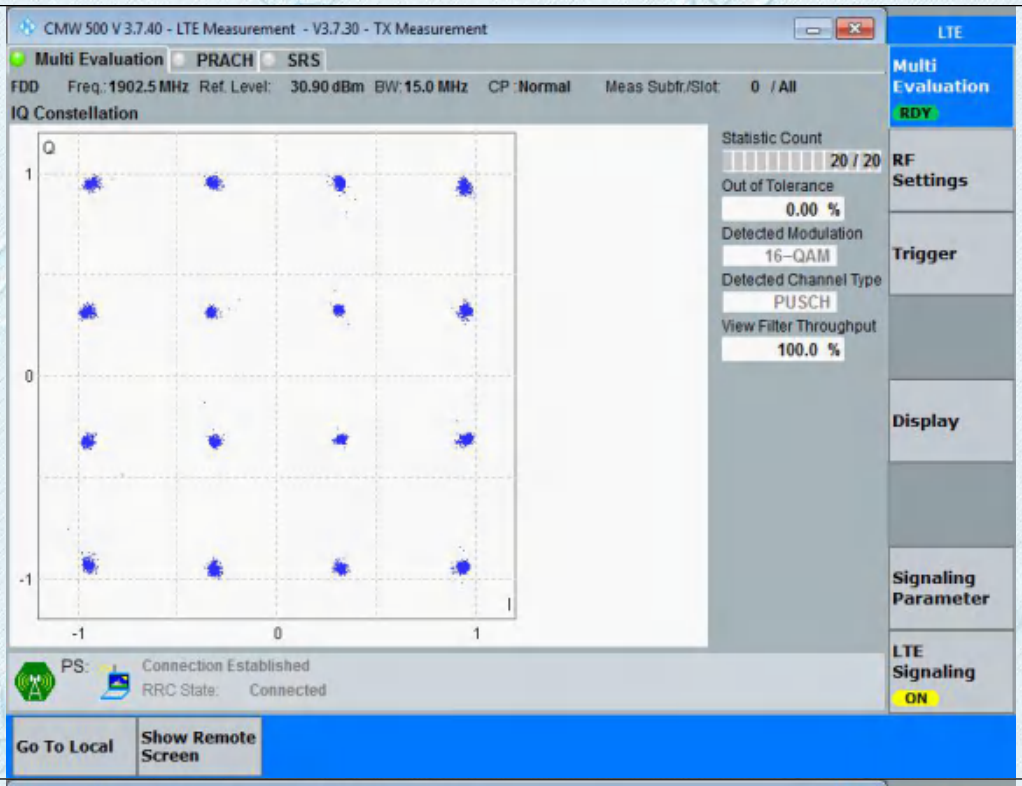

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1905.0 MHz Ref. Level: 29.90 dBm BW: 10.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

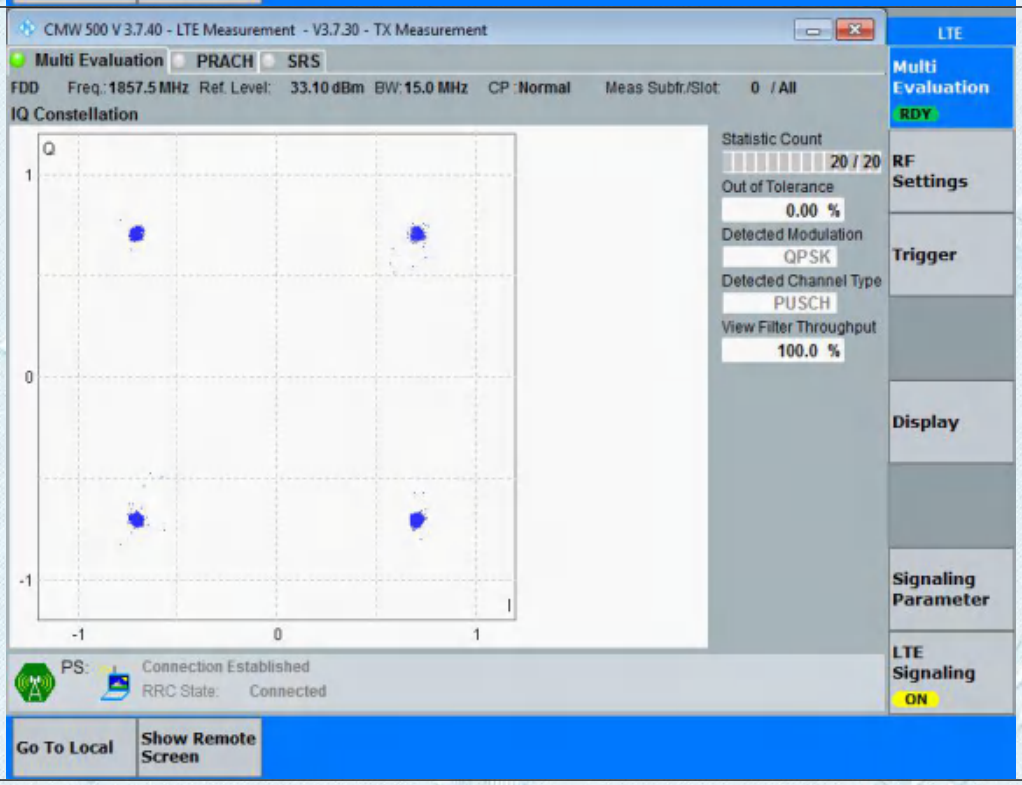
Test Band: 2 _ 15MHz Bandwidth

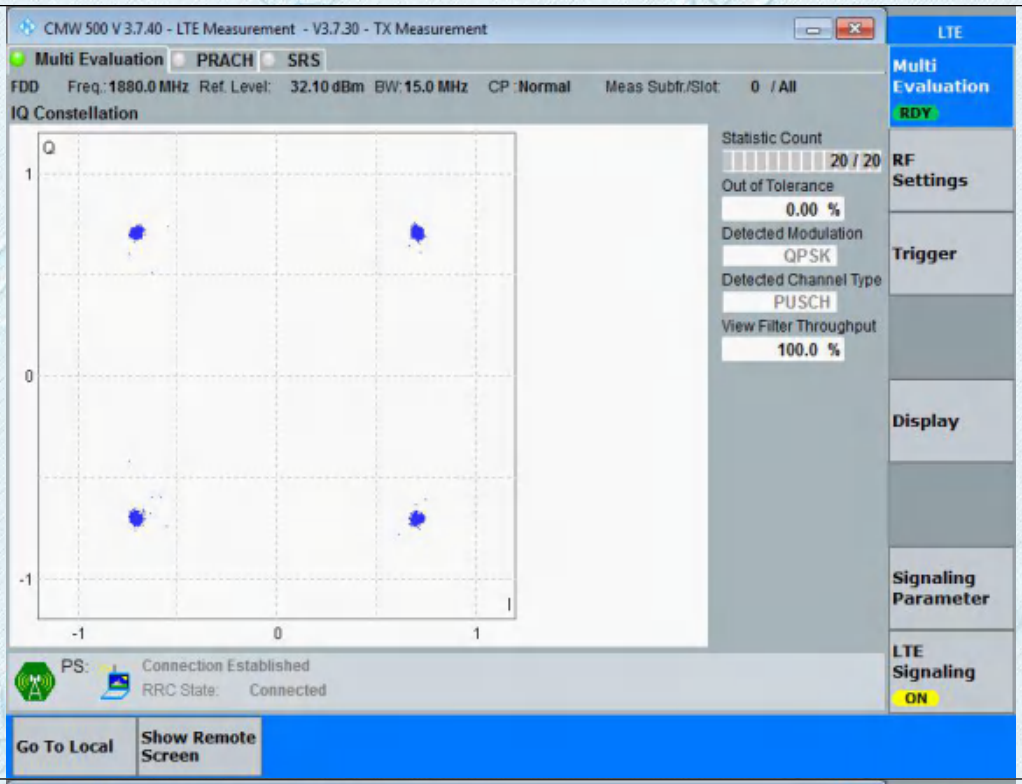
Test Graph

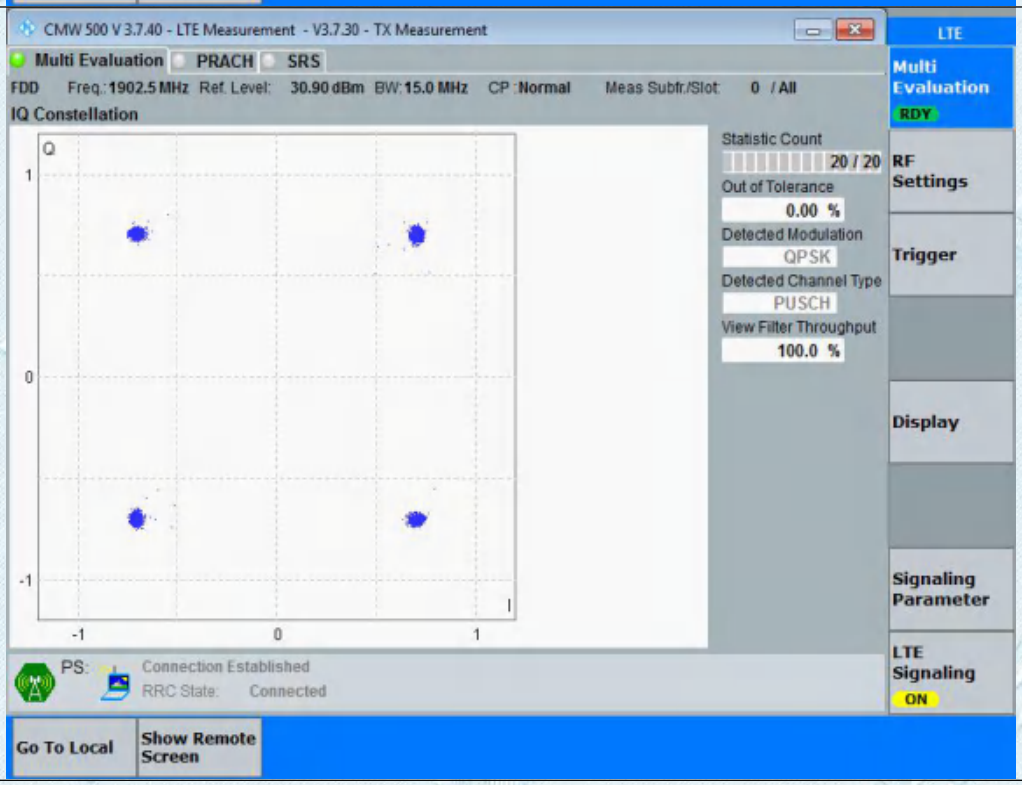





CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1902.5 MHz Ref. Level: 30.90 dBm BW: 15.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
16-QAM
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

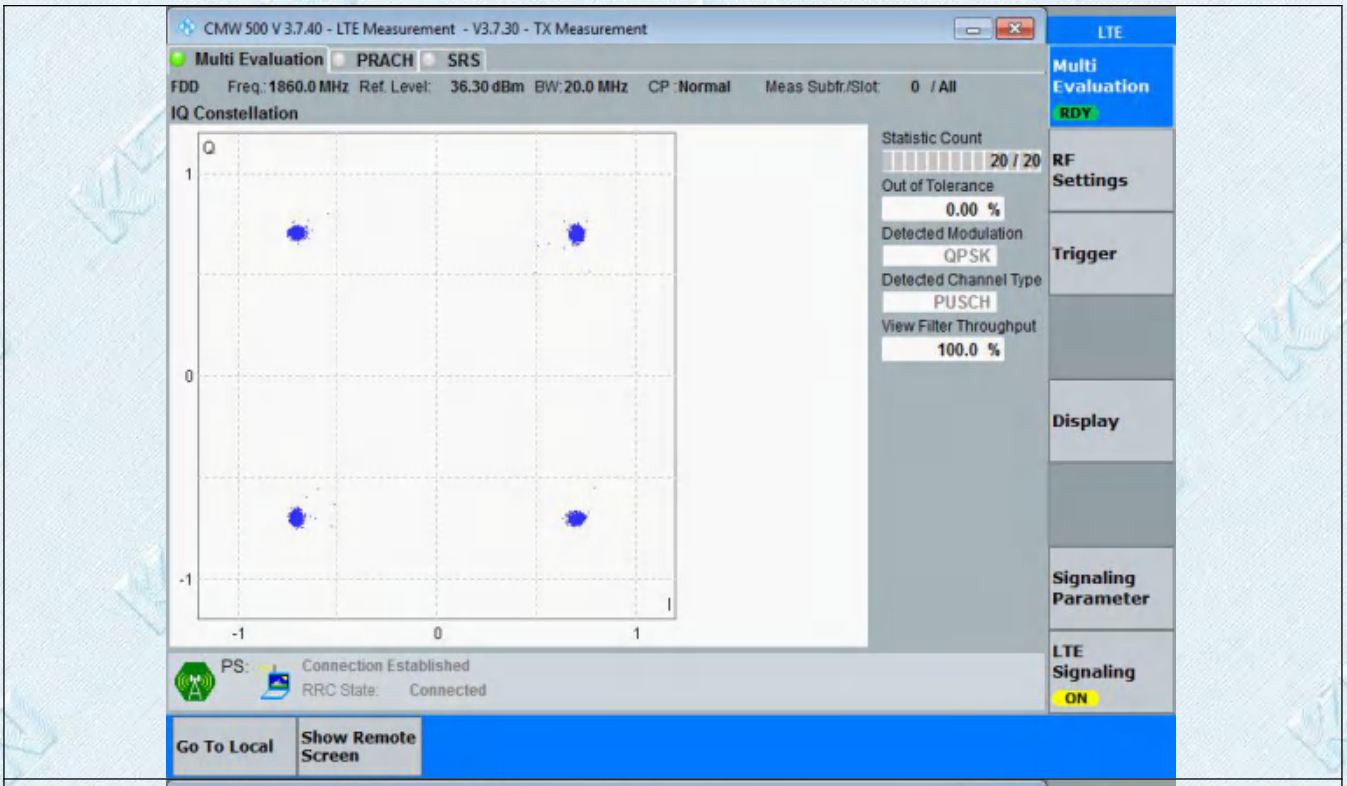

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1857.5 MHz Ref. Level: 33.10 dBm BW: 15.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

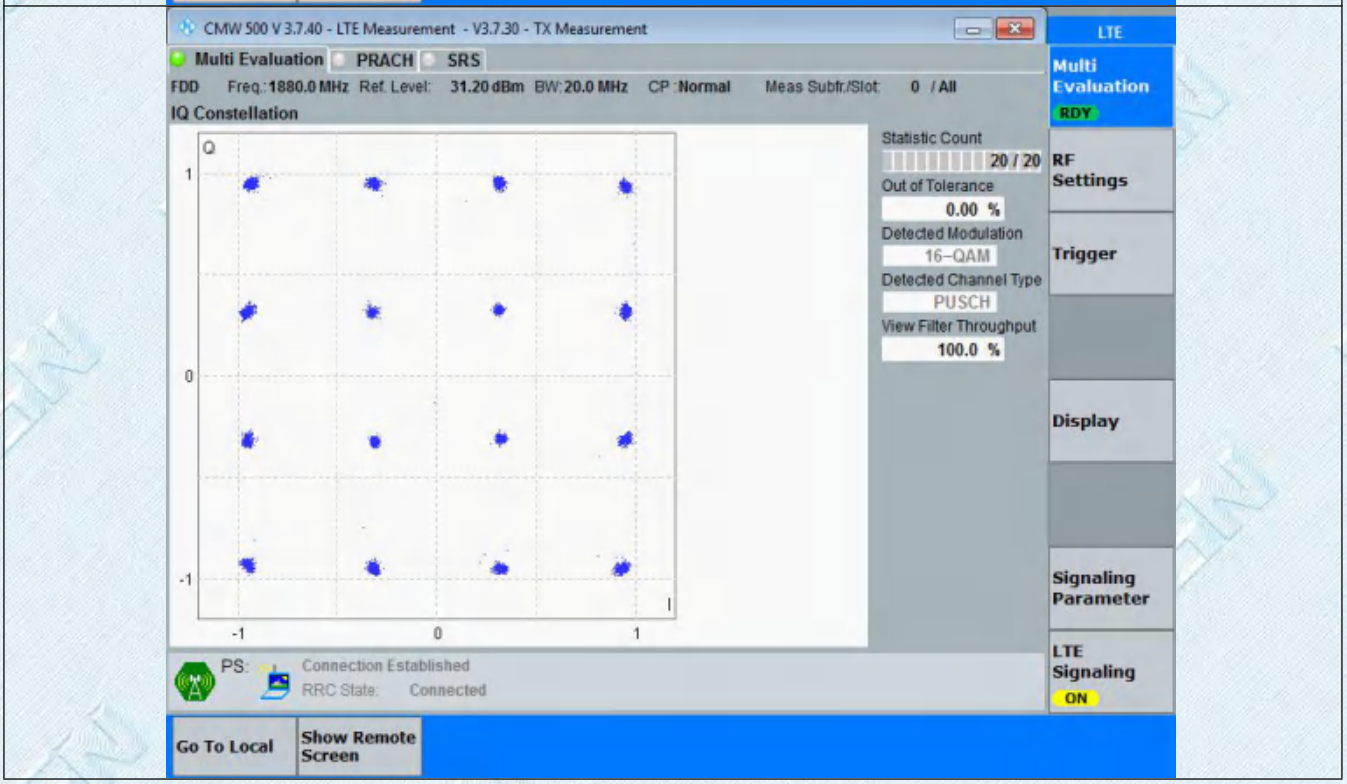

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1880.0 MHz Ref. Level: 32.10 dBm BW: 15.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

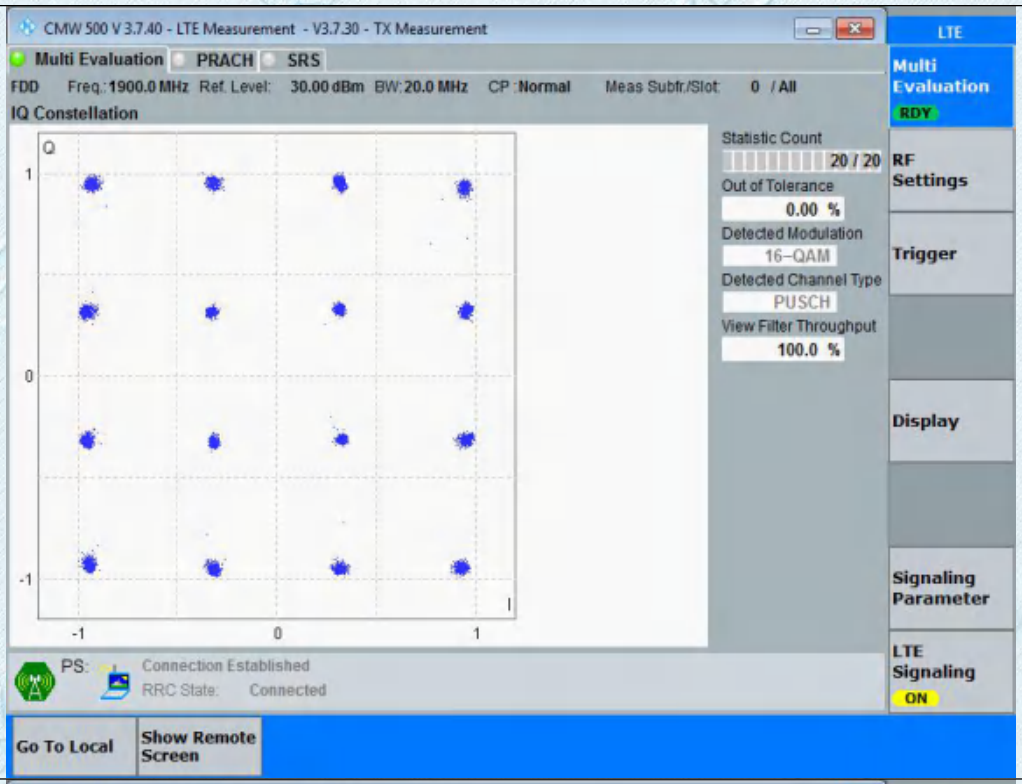

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1902.5 MHz Ref. Level: 30.90 dBm BW: 15.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

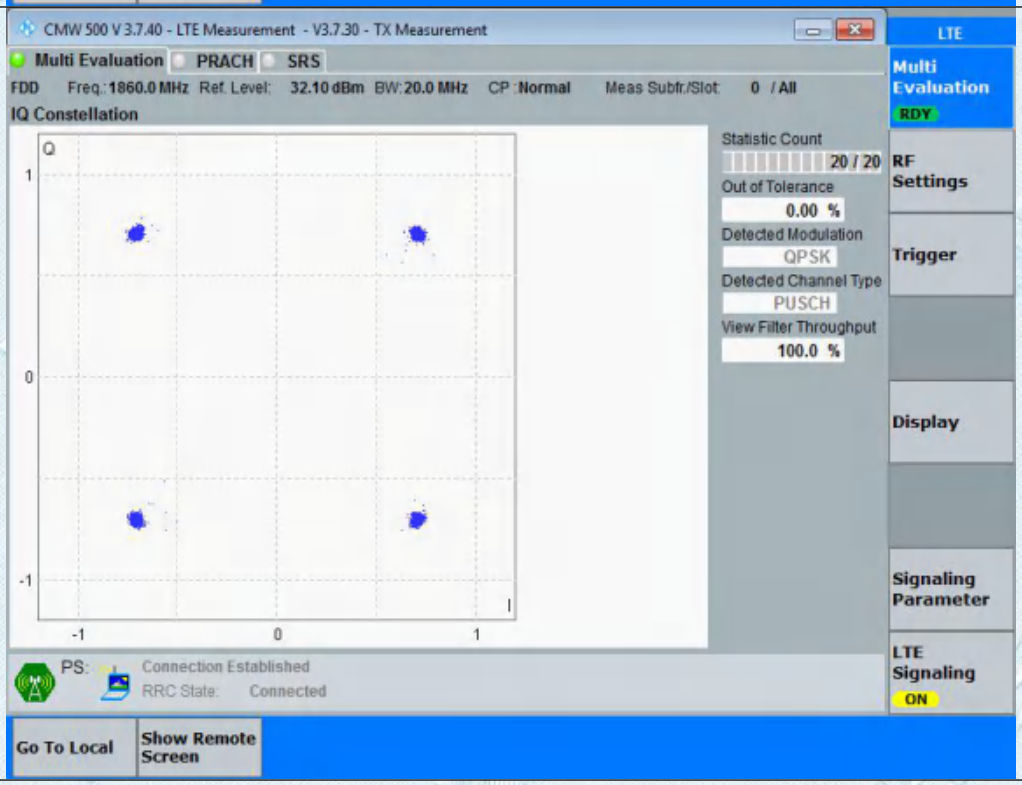
Test Band: 2 _ 20MHz Bandwidth

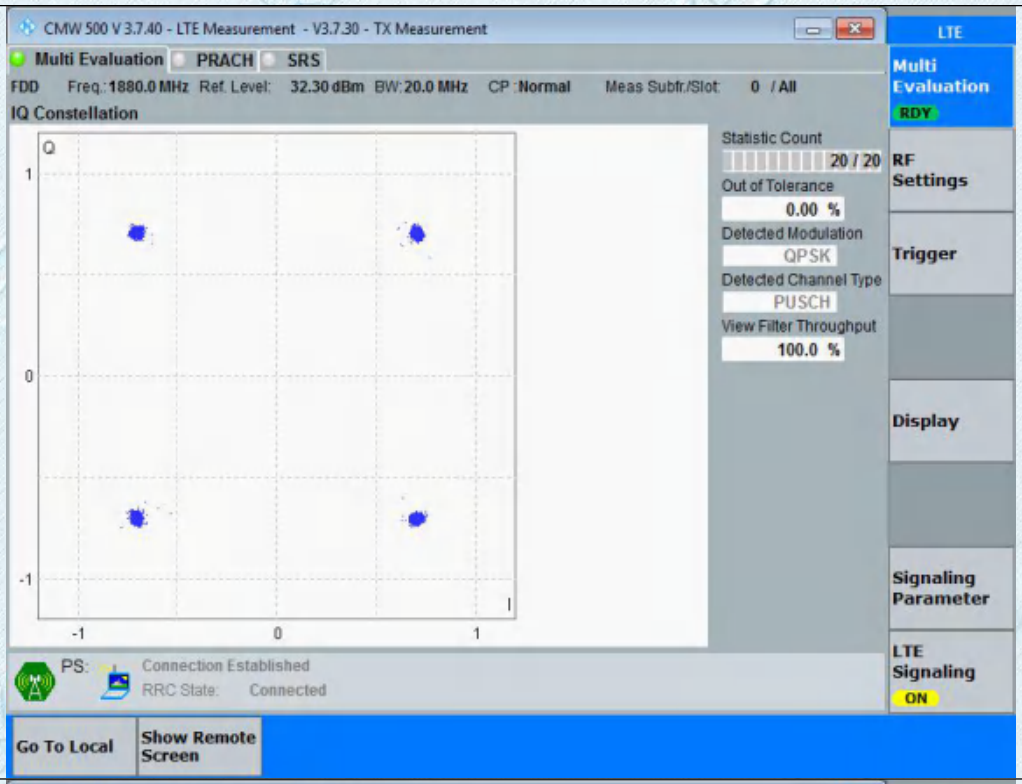
Test Graph

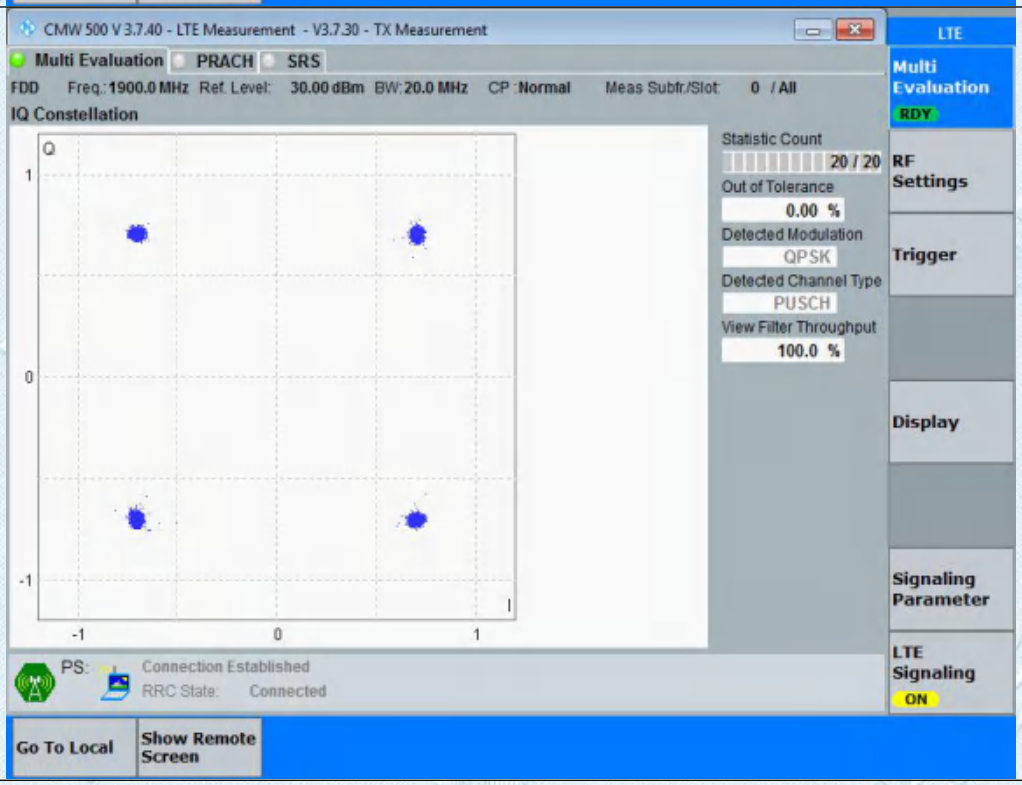





CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq.: 1900.0 MHz Ref. Level: 30.00 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
16-QAM
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen


CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq.: 1860.0 MHz Ref. Level: 32.10 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

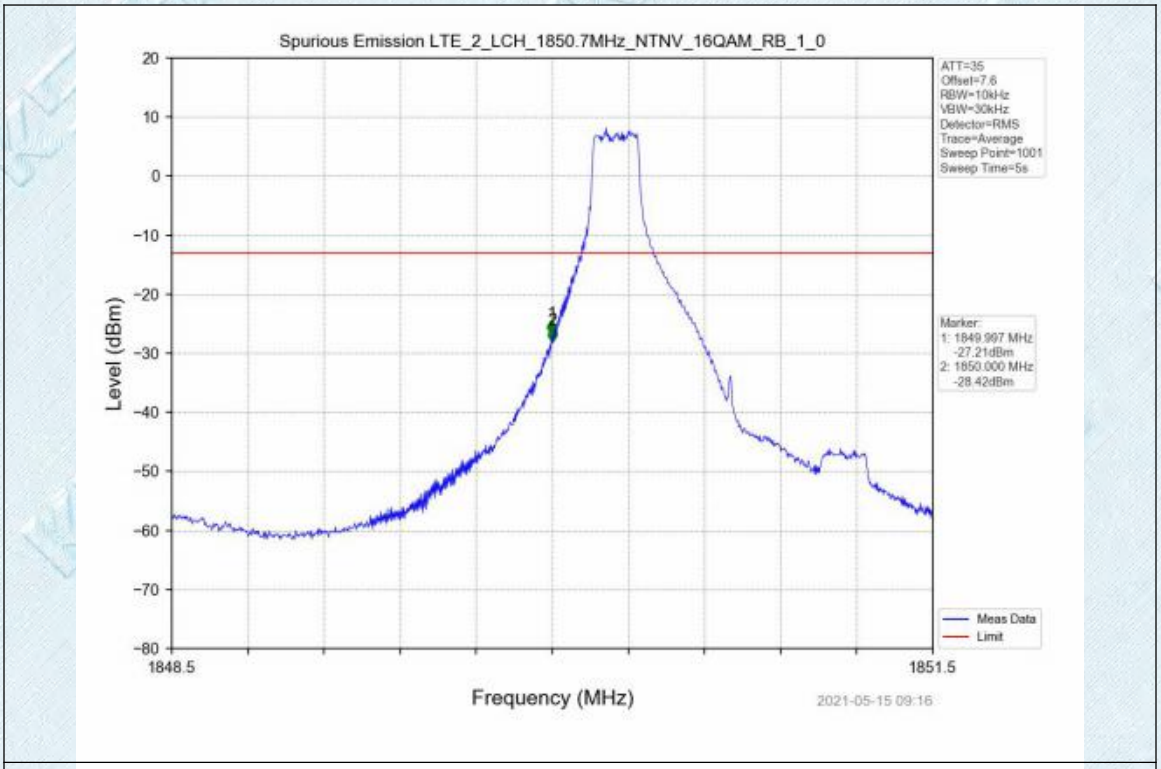

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1880.0 MHz Ref. Level: 32.30 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

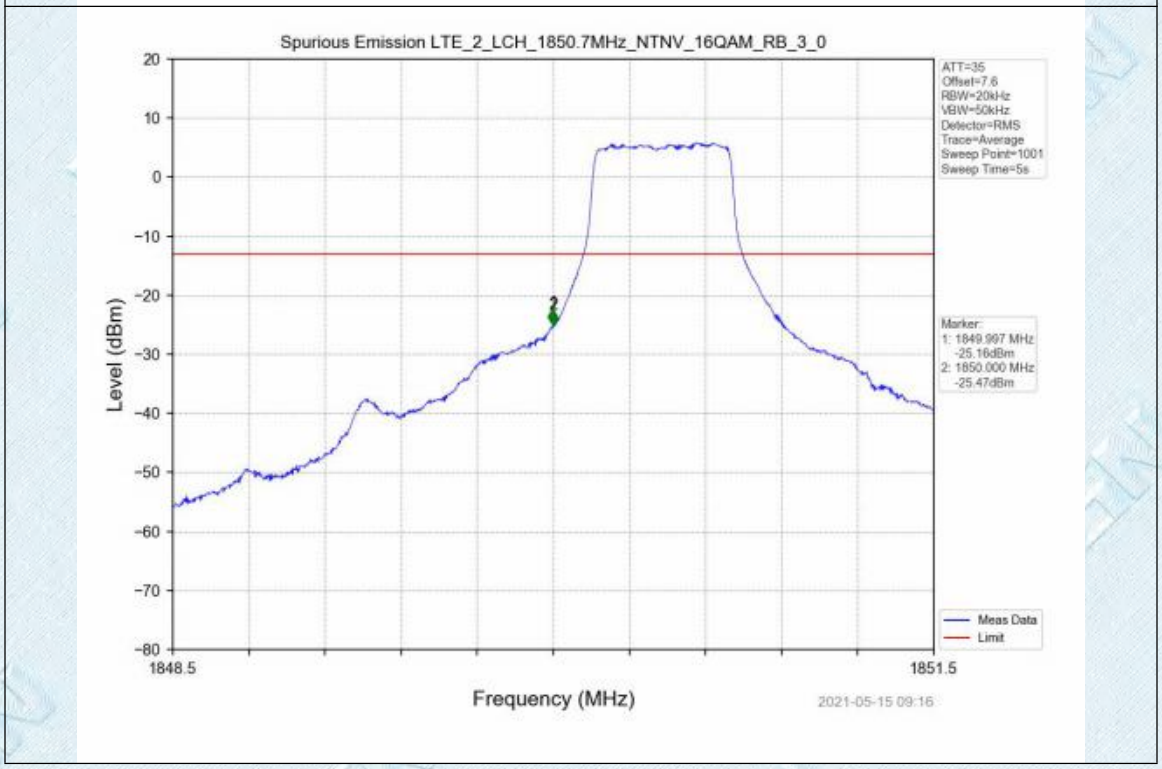

CMW 500 V 3.7.40 - LTE Measurement - V3.7.30 - TX Measurement
Multi Evaluation
PRACH
SRS
FDD Freq: 1900.0 MHz Ref. Level: 30.00 dBm BW: 20.0 MHz CP: Normal Meas Subfr./Slot: 0 / All
IQ Constellation
Q
I
Statistic Count
20 / 20
Out of Tolerance
0.00 %
Detected Modulation
QPSK
Detected Channel Type
PUSCH
View Filter Throughput
100.0 %
PS:
Connection Established
RRC State: Connected
LTE
Multi Evaluation
RDY
RF Settings
Trigger
Display
Signaling Parameter
LTE Signaling
ON
Go To Local
Show Remote Screen

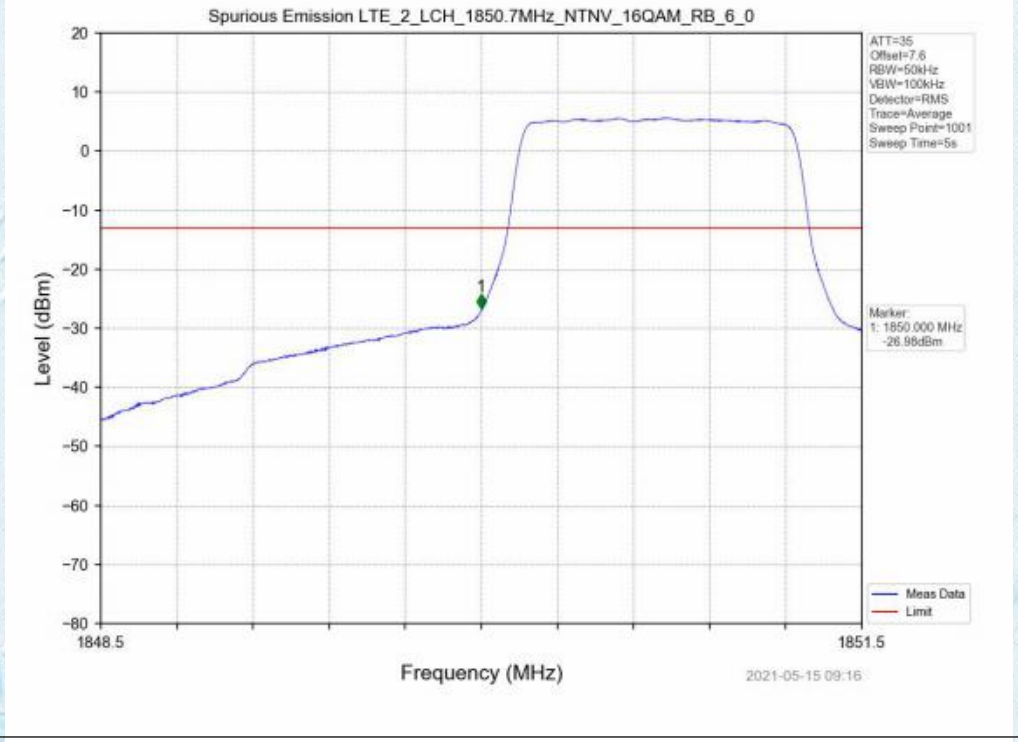
4. Spurious Emission

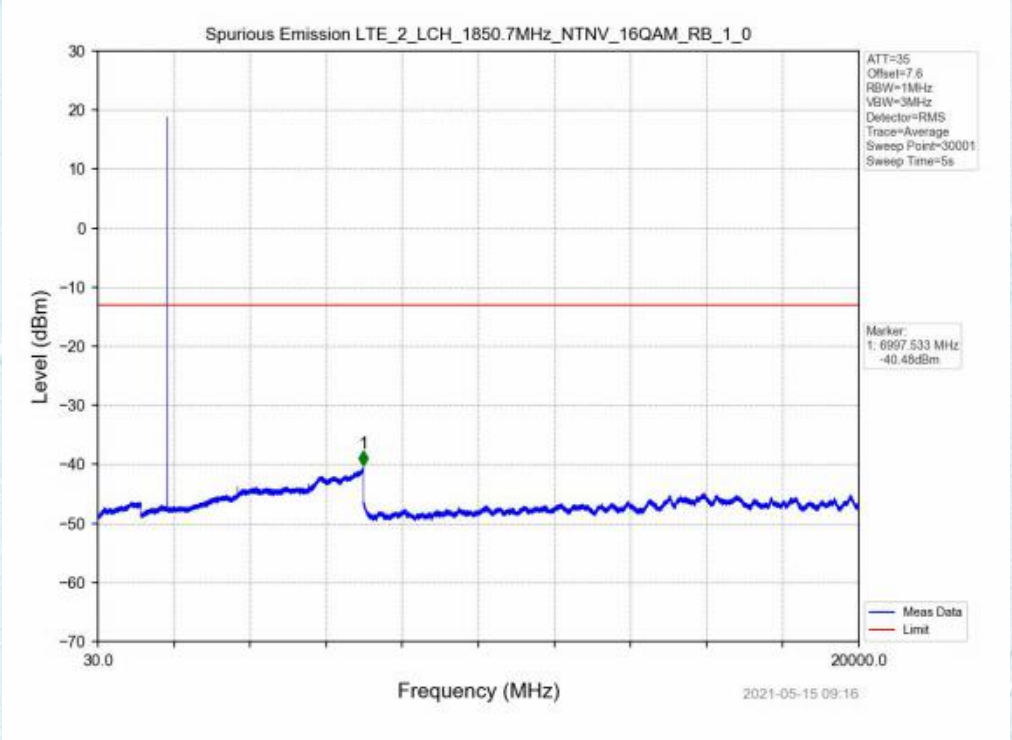
Test Graph

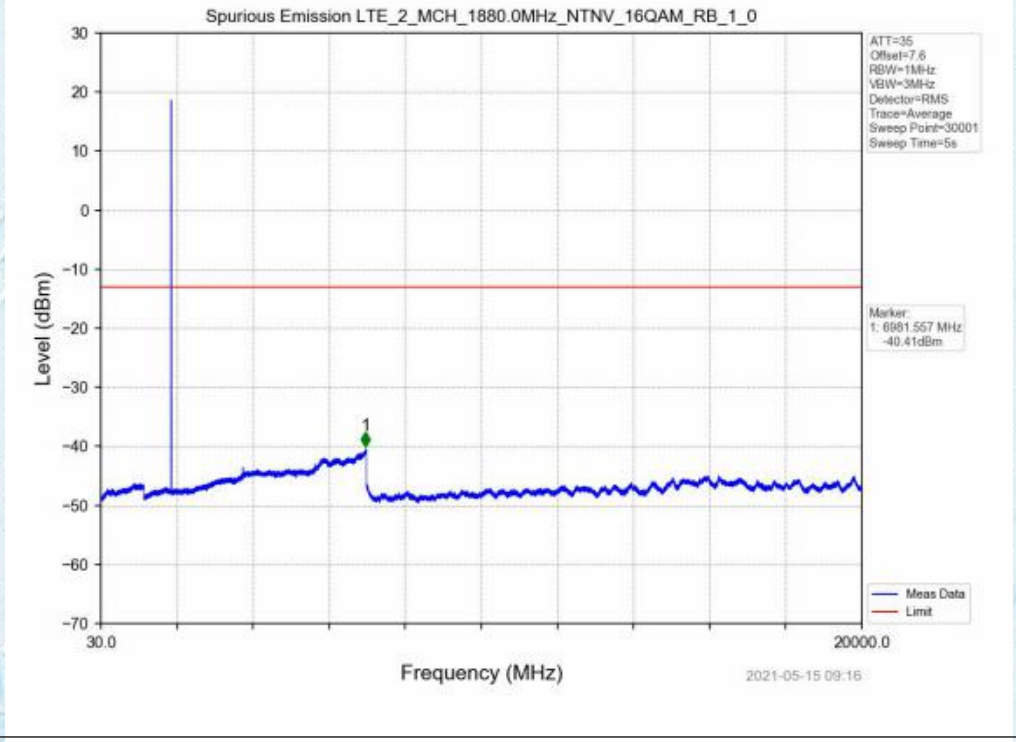
Test Band: 2 _ 1.4MHz Bandwidth

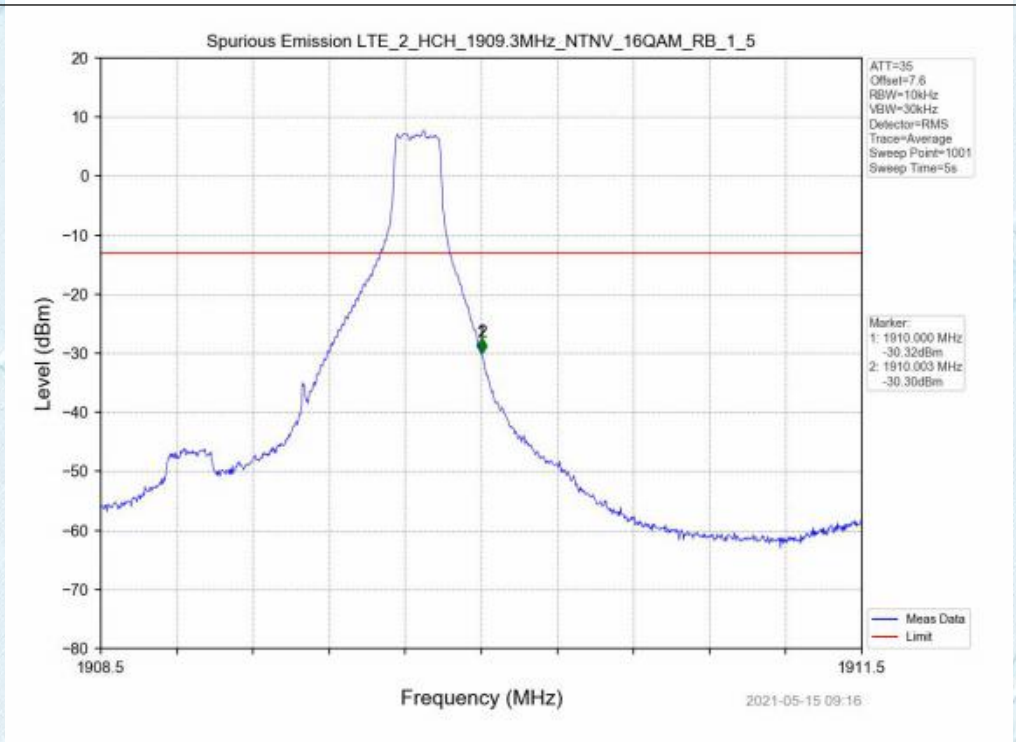


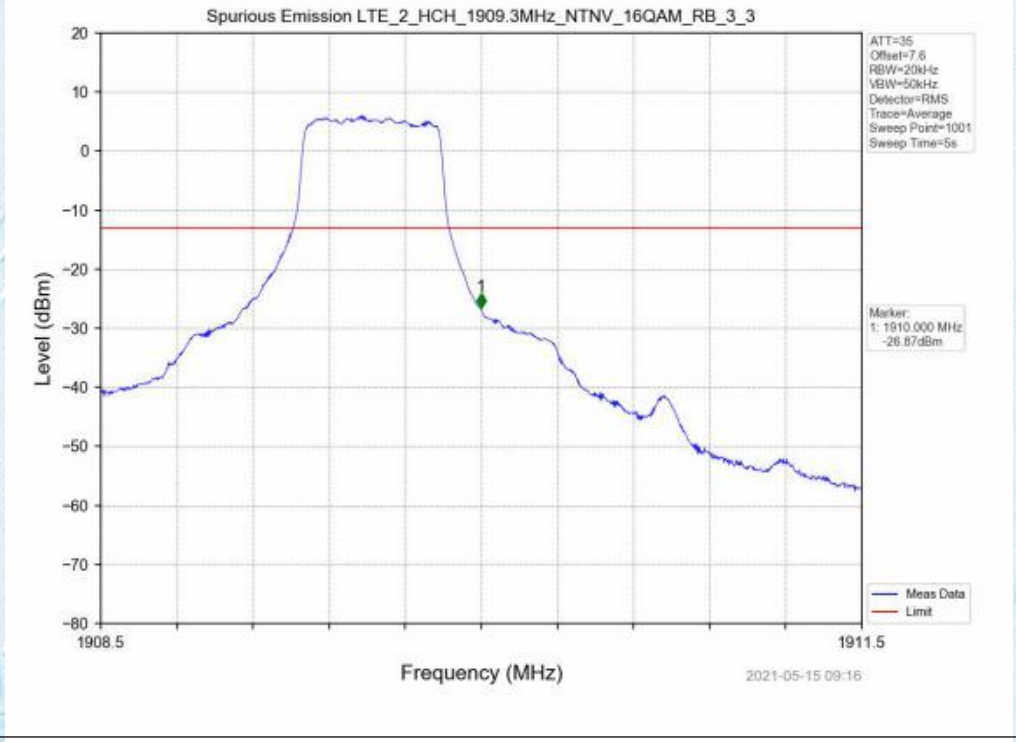


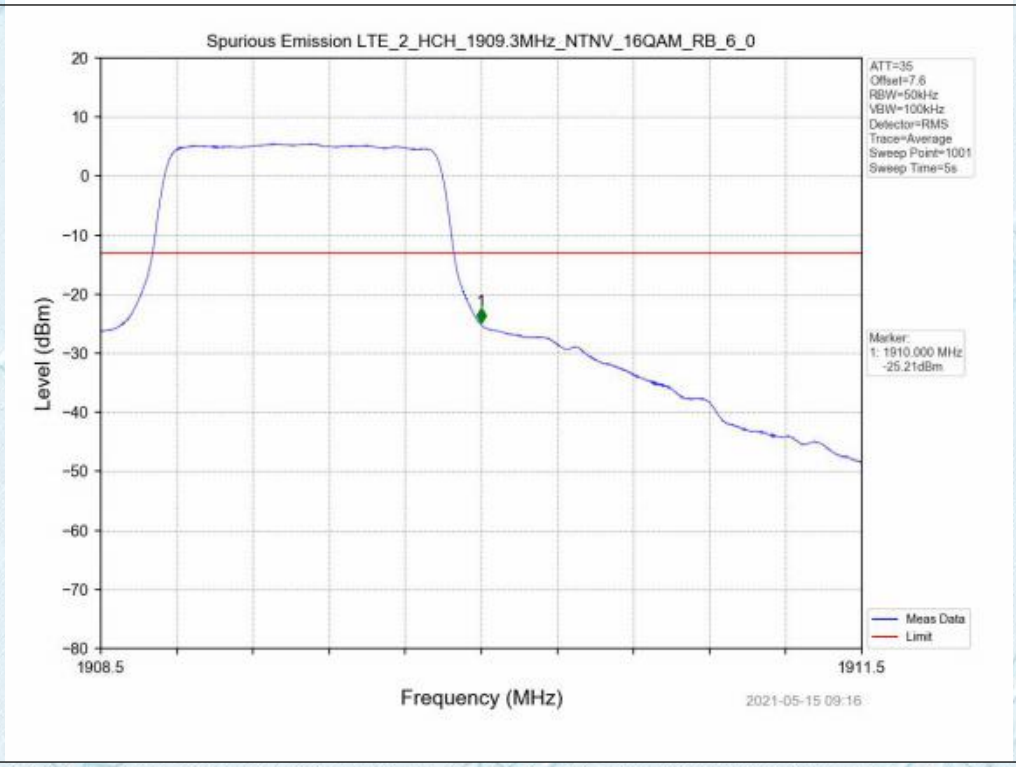

Spurious Emission LTE_2_LCH_1850.7MHz_NTNV_16QAM_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=100kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-26.98dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1848.5
1851.5
2021-05-15 09:16

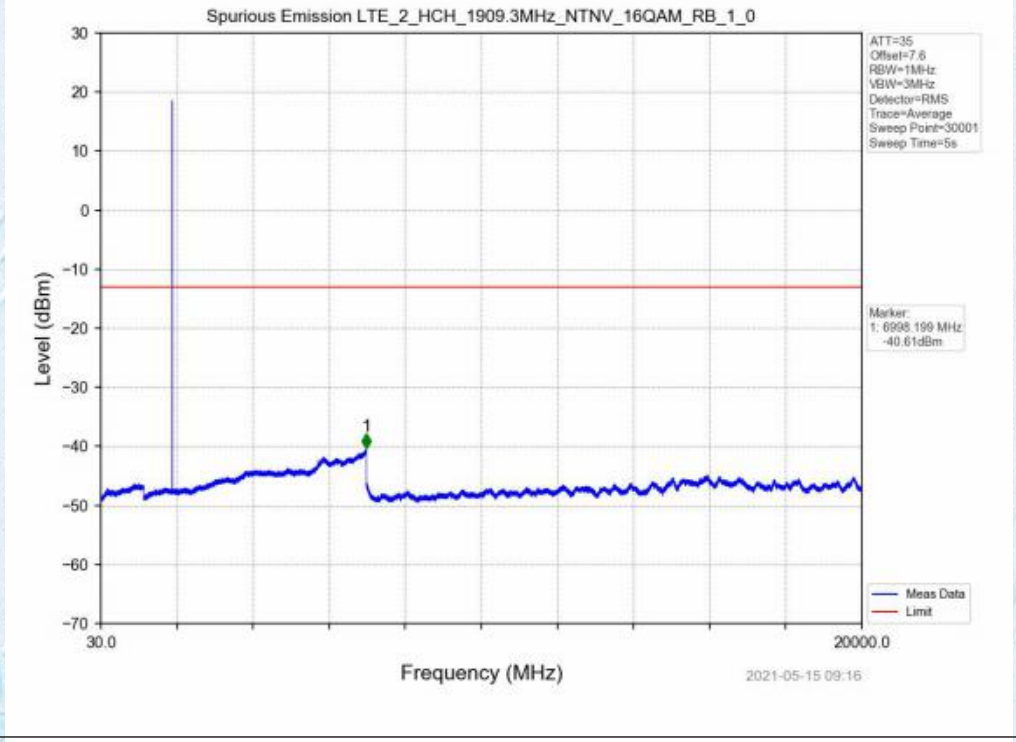

Spurious Emission LTE_2_LCH_1850.7MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6997.533 MHz
-40.48dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

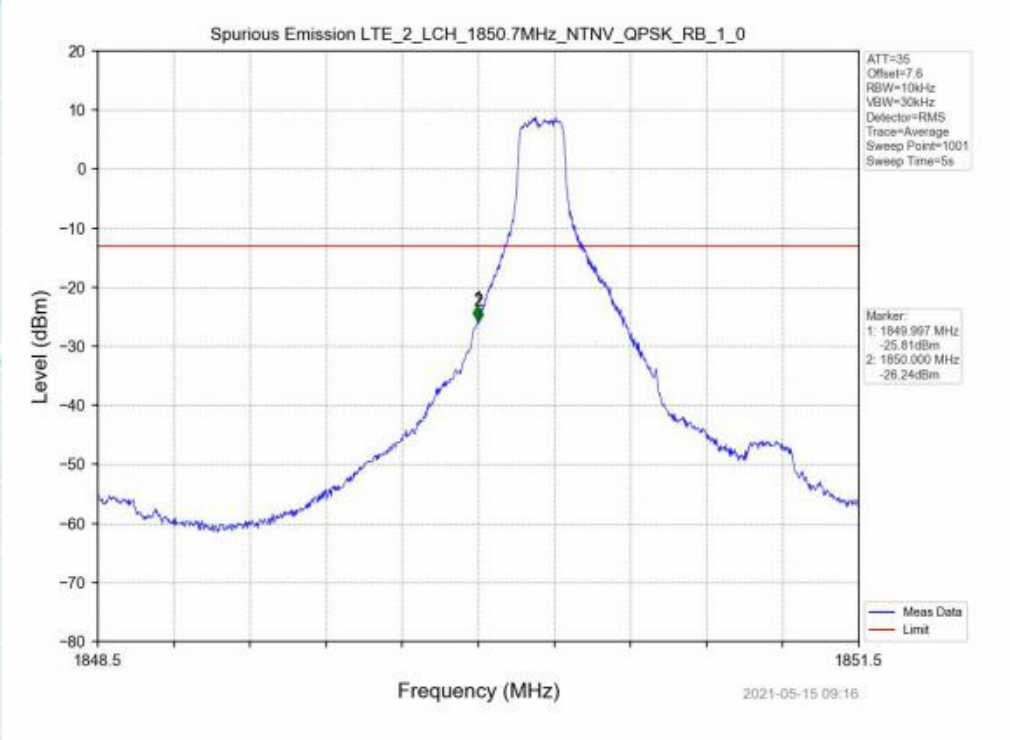

Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6981.557 MHz
-40.41dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

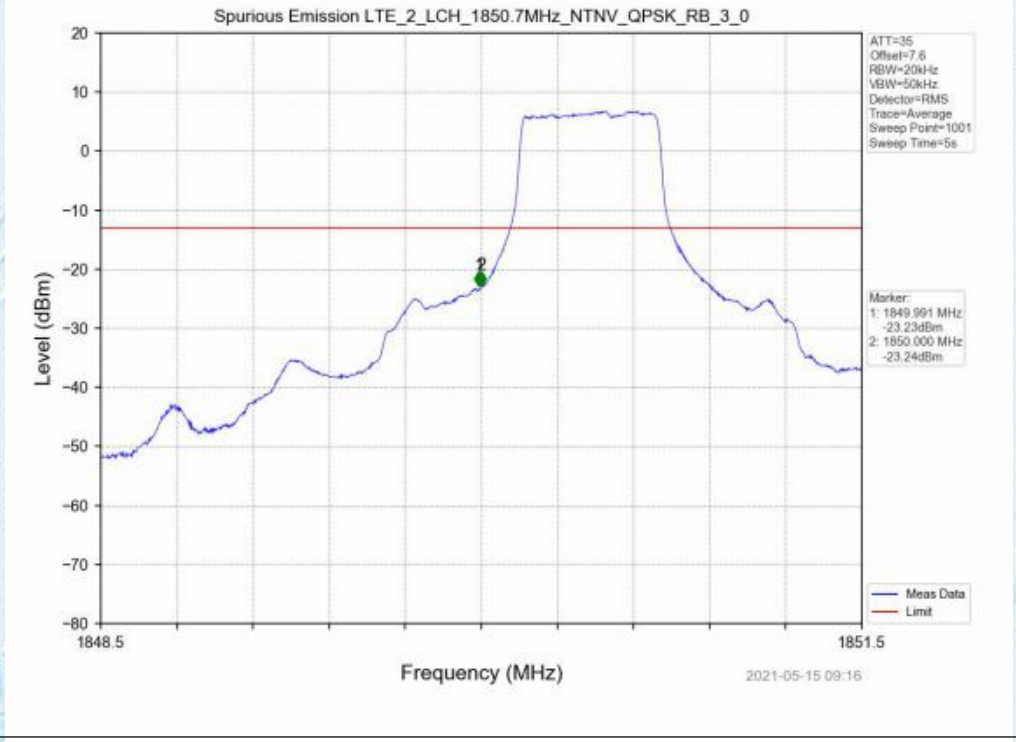

Spurious Emission LTE_2_HCH_1909.3MHz_NTNV_16QAM_RB_1_5
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-30.32dBm
2: 1910.003 MHz
-30.30dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1908.5
1911.5
2021-05-15 09:16

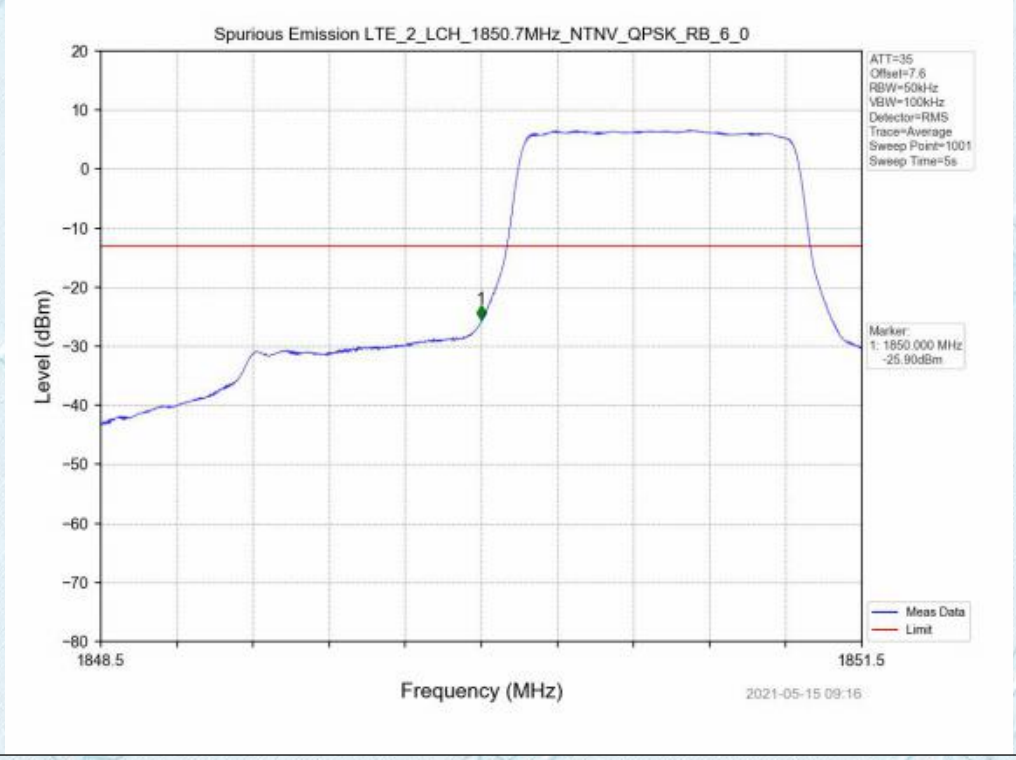

Spurious Emission LTE_2_HCH_1909.3MHz_NTNV_16QAM_RB_3_3
ATT=35
Offset=7.6
RBW=20kHz
VBW=50kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-26.87dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1908.5
1911.5
2021-05-15 09:16

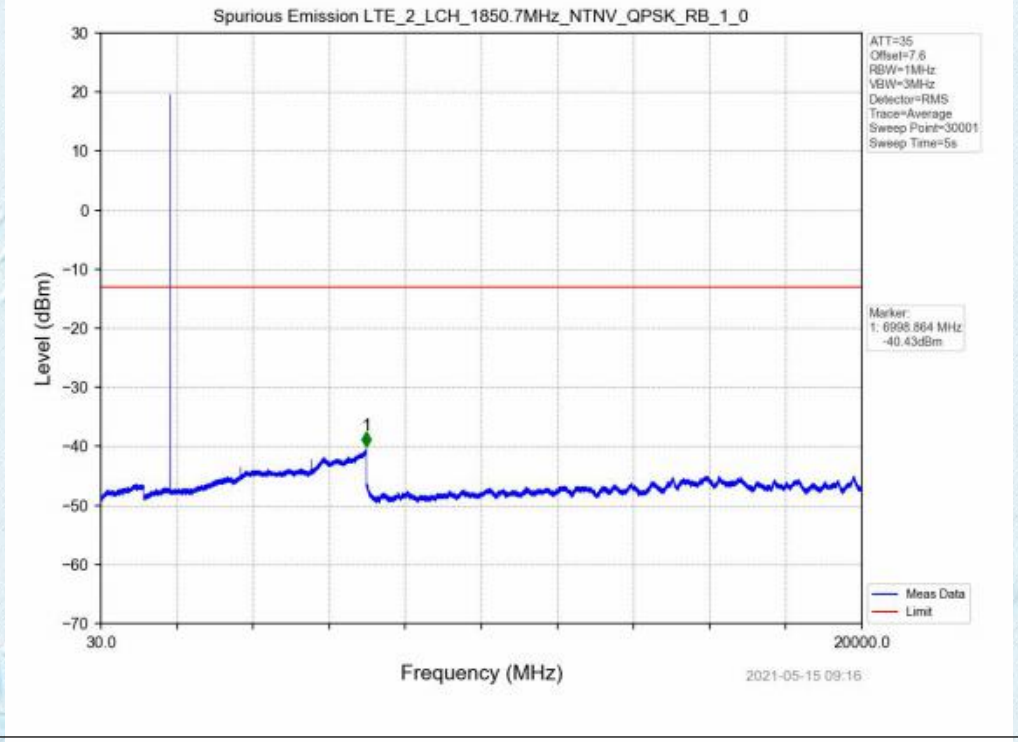

Spurious Emission LTE_2_HCH_1909.3MHz_NTNV_16QAM_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=100kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-25.21dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1908.5
1911.5
2021-05-15 09:16

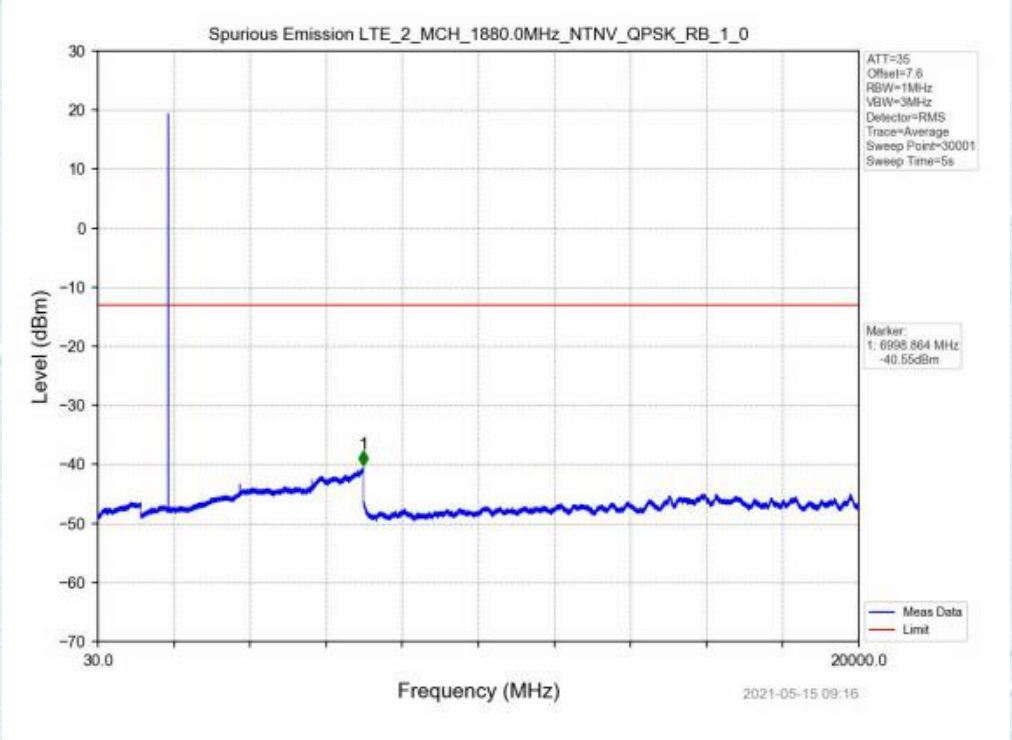

Spurious Emission LTE_2_HCH_1909.3MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6998.199 MHz
-40.61dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

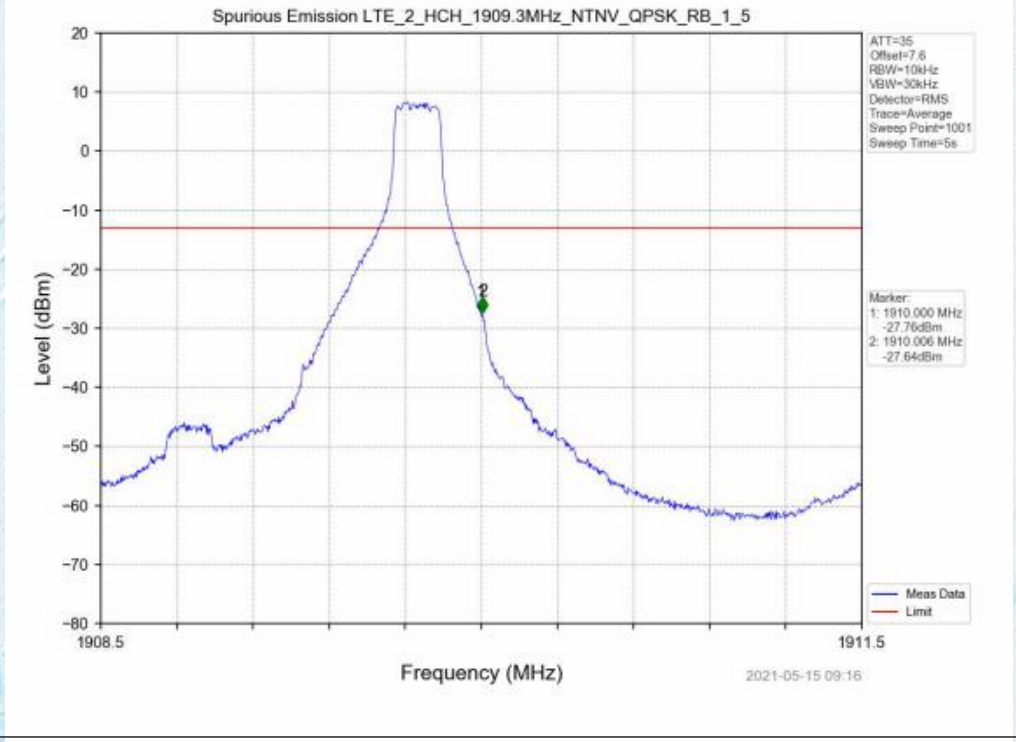

Spurious Emission LTE_2_LCH_1850.7MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1849.997 MHz
-25.81dBm
2: 1850.000 MHz
-26.24dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1848.5
1851.5
2021-05-15 09:16

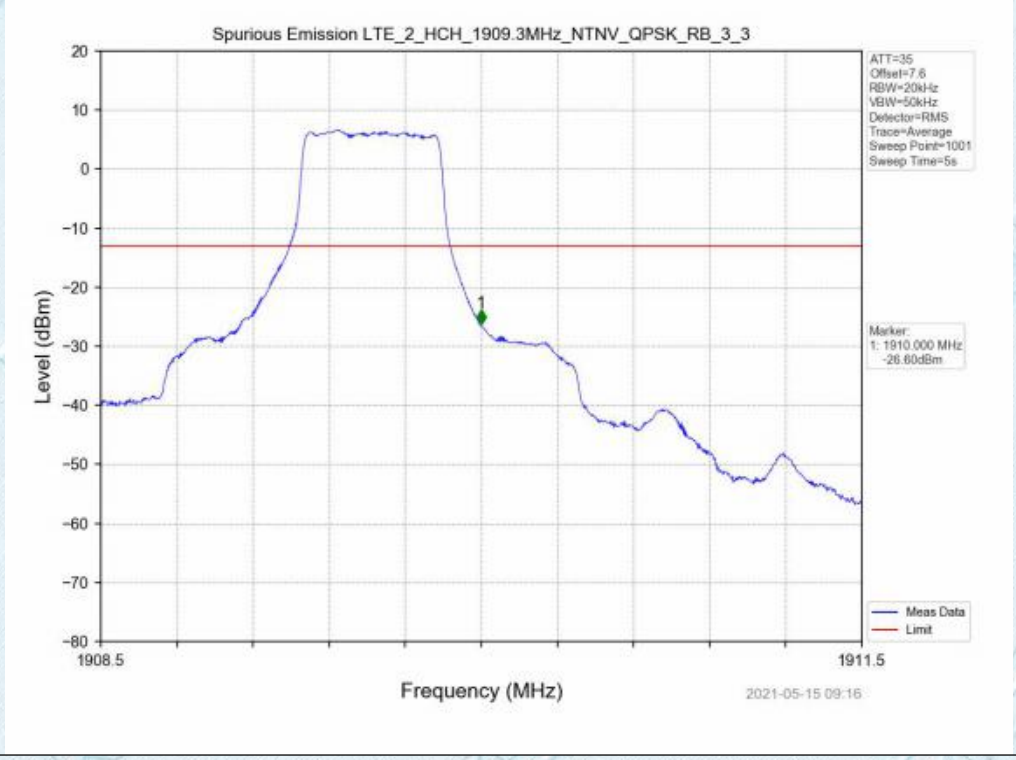

Spurious Emission LTE_2_LCH_1850.7MHz_NTNV_QPSK_RB_3_0
ATT=35
Offset=7.6
RBW=20kHz
VBW=50kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker:
1: 1849.991 MHz
-23.23dBm
2: 1850.000 MHz
-23.24dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1848.5
1851.5
2021-05-15 09:16

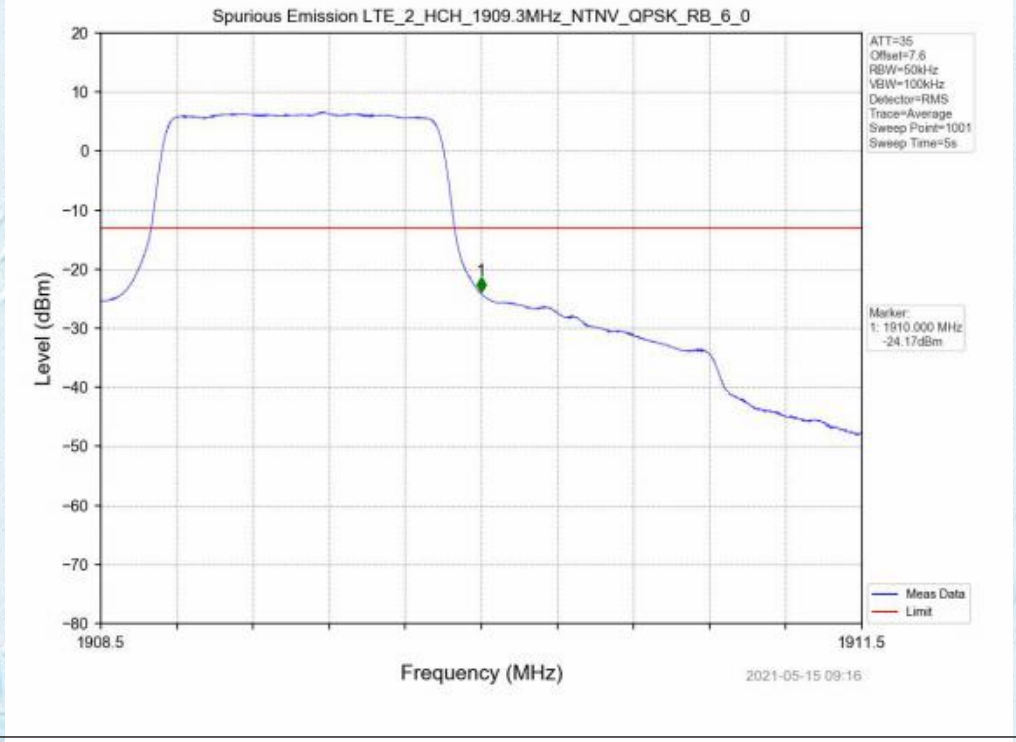

Spurious Emission LTE_2_LCH_1850.7MHz_NTNV_QPSK_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=100kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker:
1: 1850.000 MHz
-25.90dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1848.5
1851.5
2021-05-15 09:16

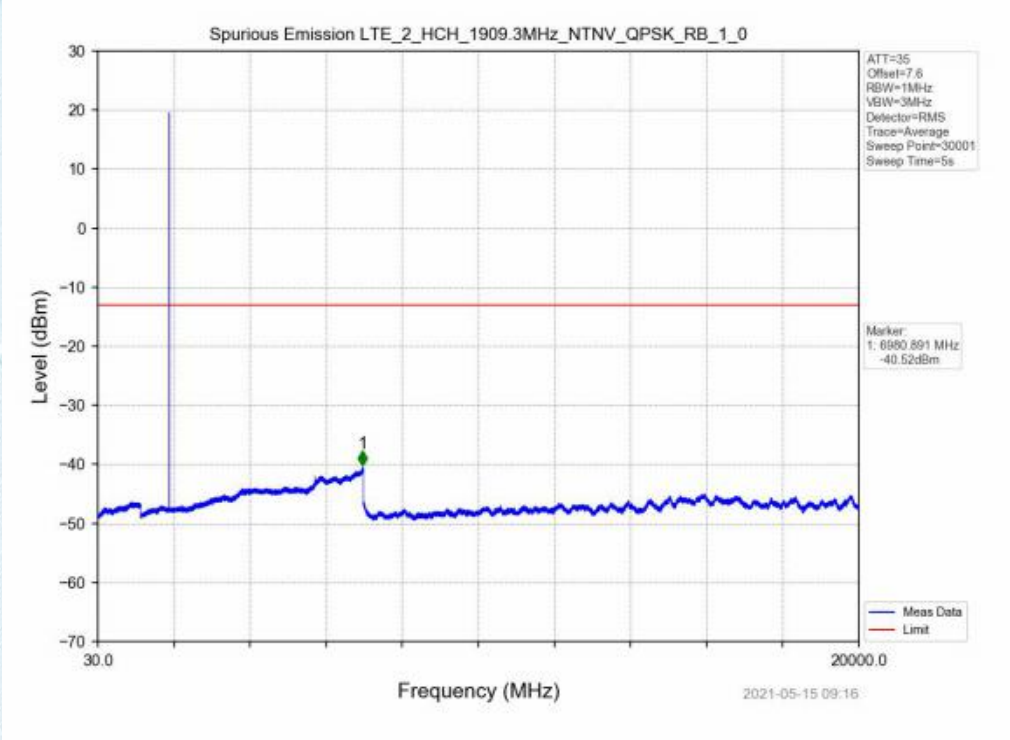

Spurious Emission LTE_2_LCH_1850.7MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6998.864 MHz
-40.43dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16


Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6998.864 MHz
-40.55dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16


Spurious Emission LTE_2_HCH_1909.3MHz_NTNV_QPSK_RB_1_5
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker:
1: 1910.000 MHz
-27.76dBm
2: 1910.006 MHz
-27.64dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1908.5
1911.5
2021-05-15 09:16

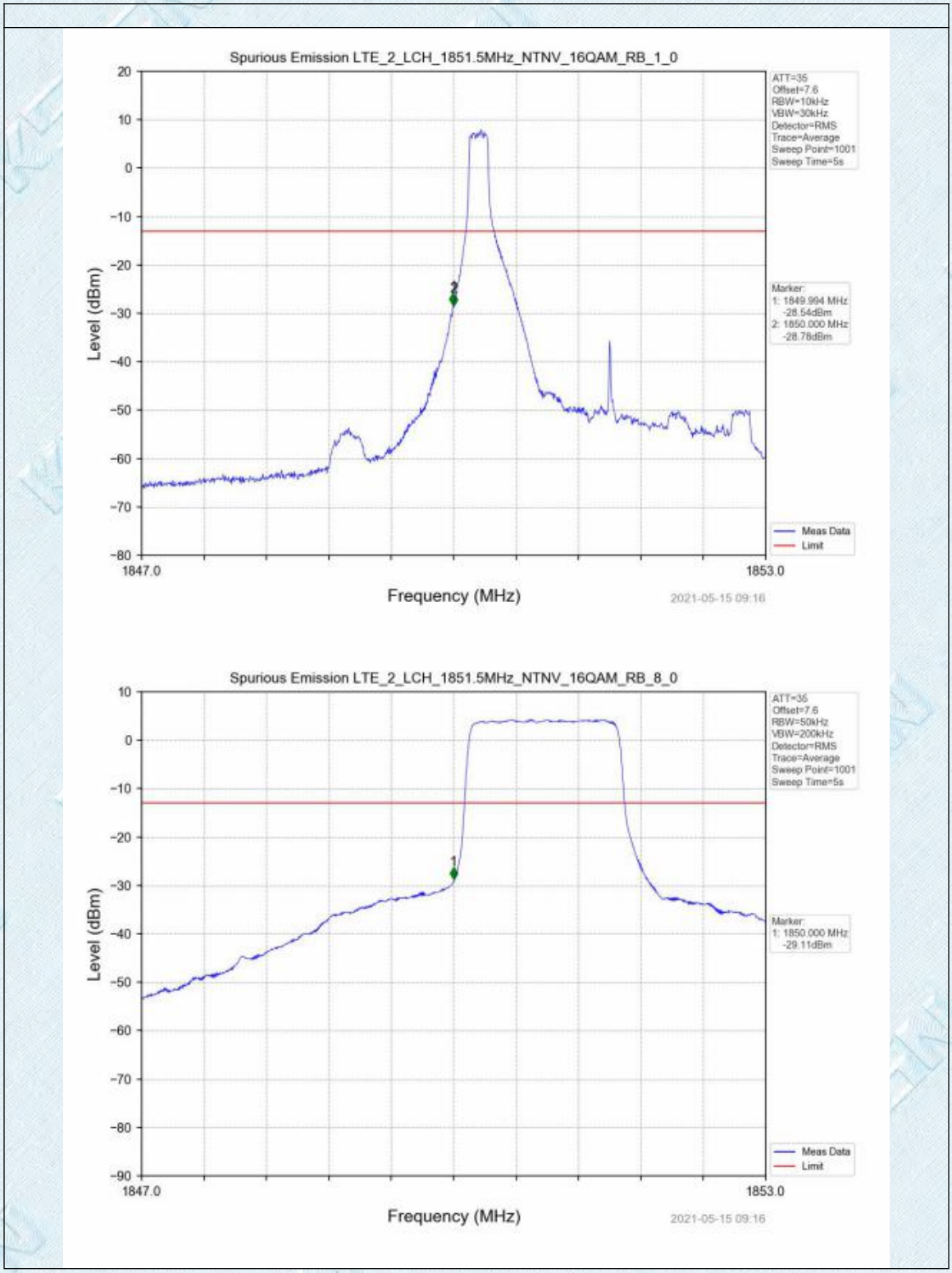

Spurious Emission LTE_2_HCH_1909.3MHz_NTNV_QPSK_RB_3_3
ATT=35
Offset=7.6
RBW=20kHz
VBW=50kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker:
1: 1910.000 MHz
-26.60dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1908.5
1911.5
2021-05-15 09:16

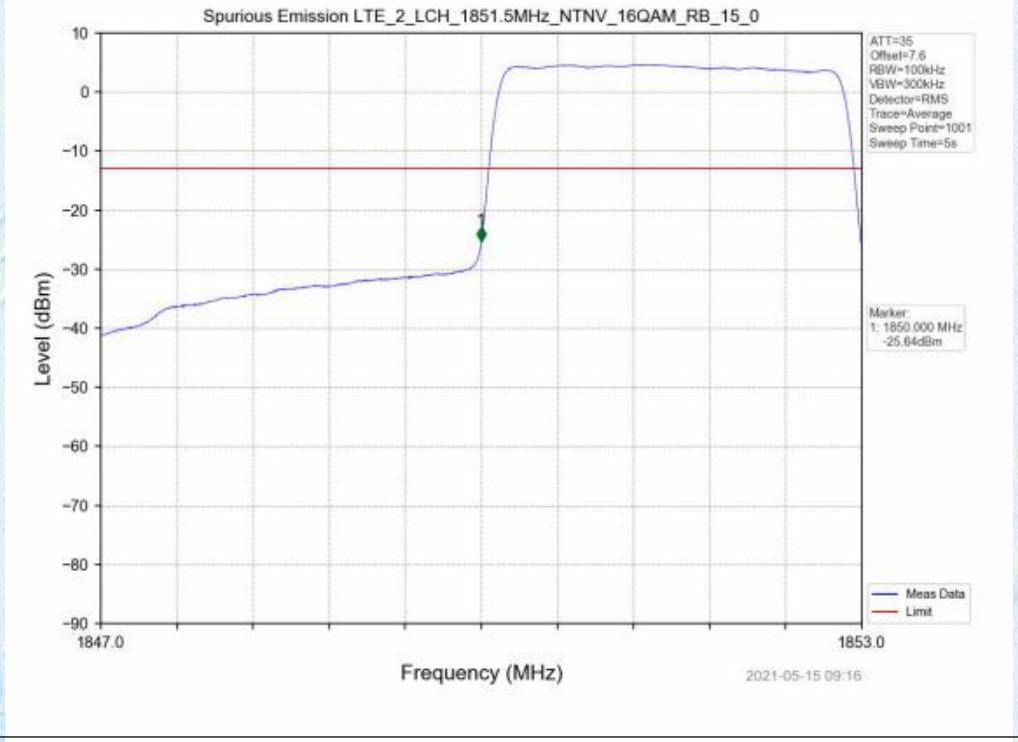

Spurious Emission LTE_2_HCH_1909.3MHz_NTNV_QPSK_RB_6_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=100kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-24.17dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1908.5
1911.5
2021-05-15 09:16

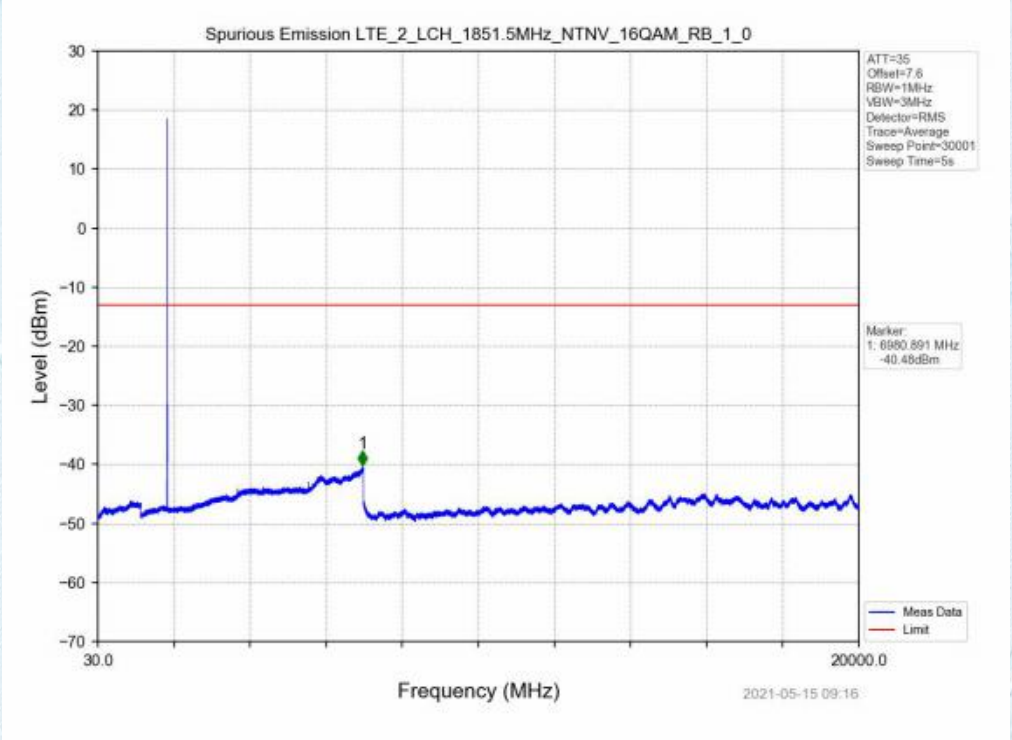

Spurious Emission LTE_2_HCH_1909.3MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6980.891 MHz
-40.52dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

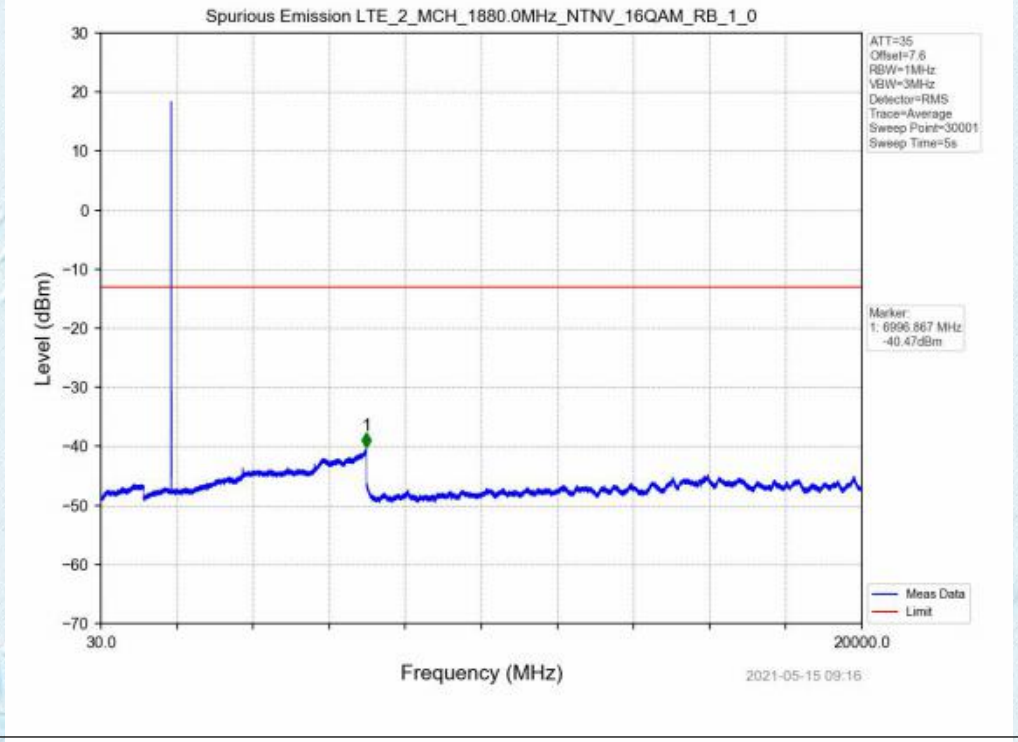
Test Band: 2 _ 3MHz Bandwidth

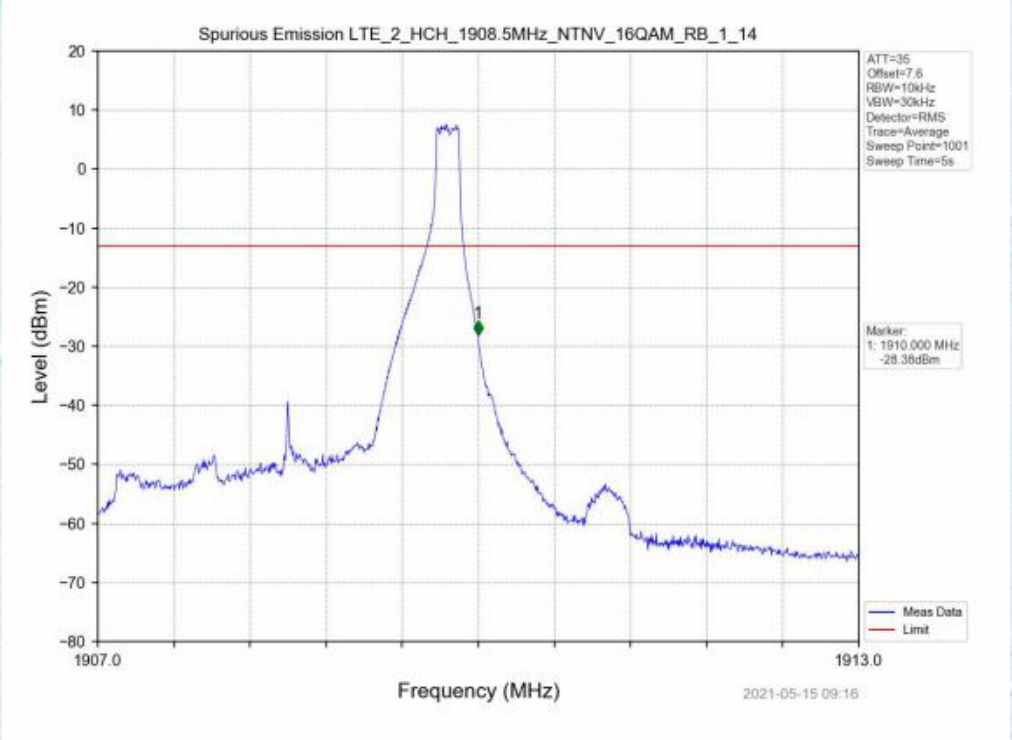
Test Graph

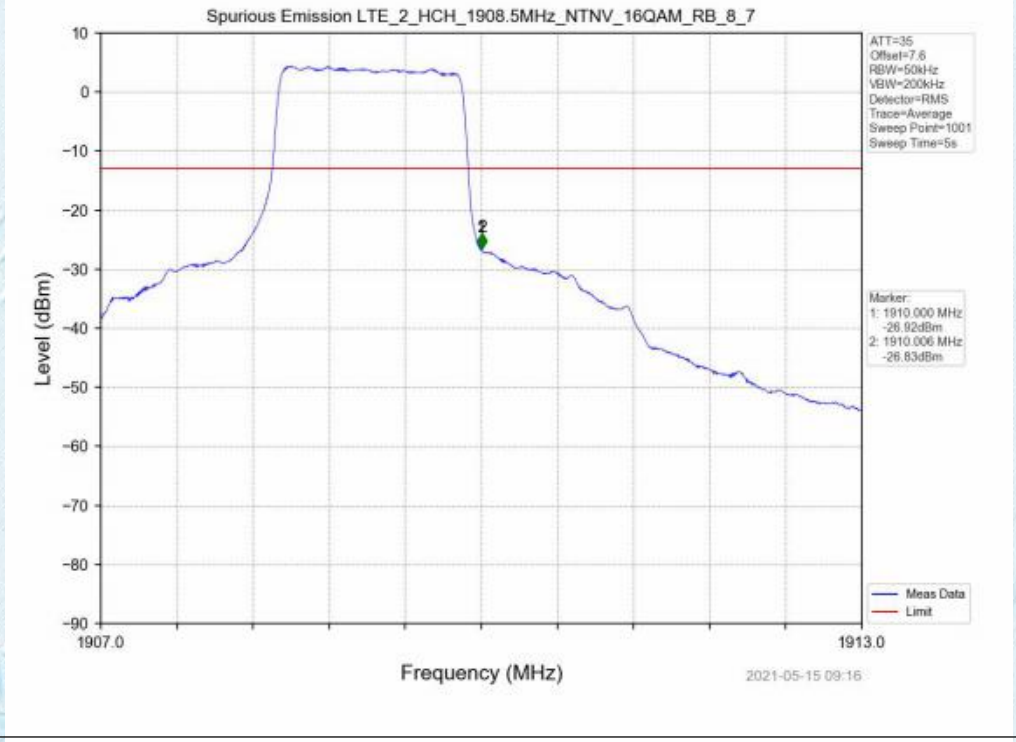


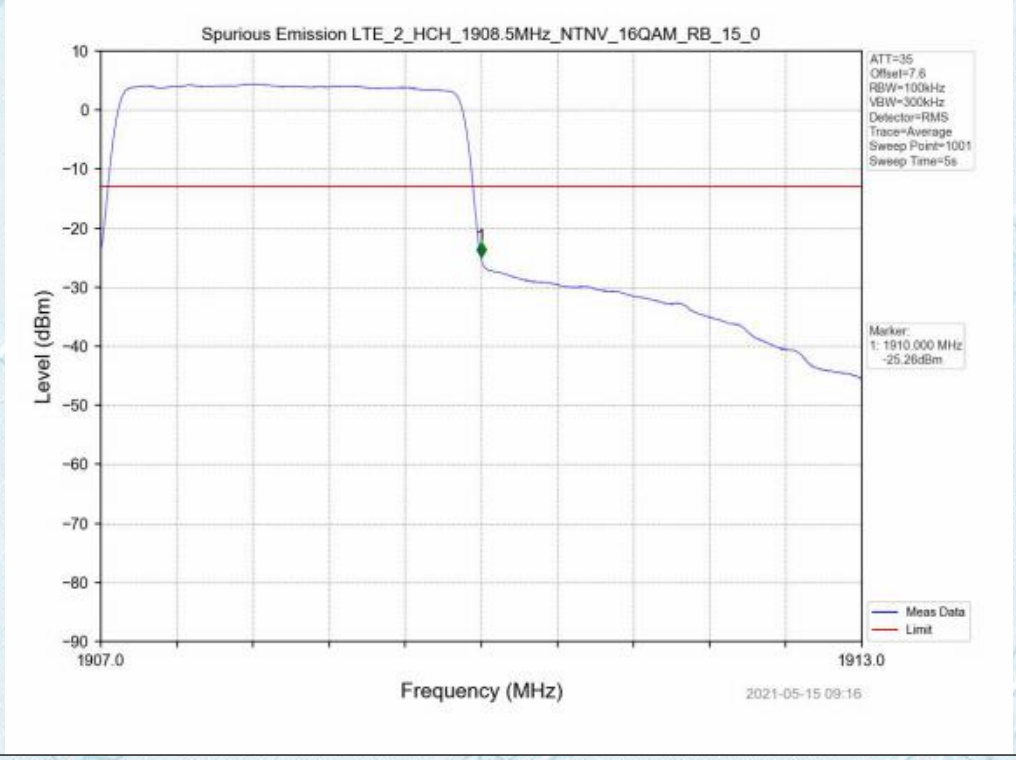

Spurious Emission LTE_2_LCH_1851.5MHz_NTNV_16QAM_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-25.64dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1847.0
1853.0
2021-05-15 09:16

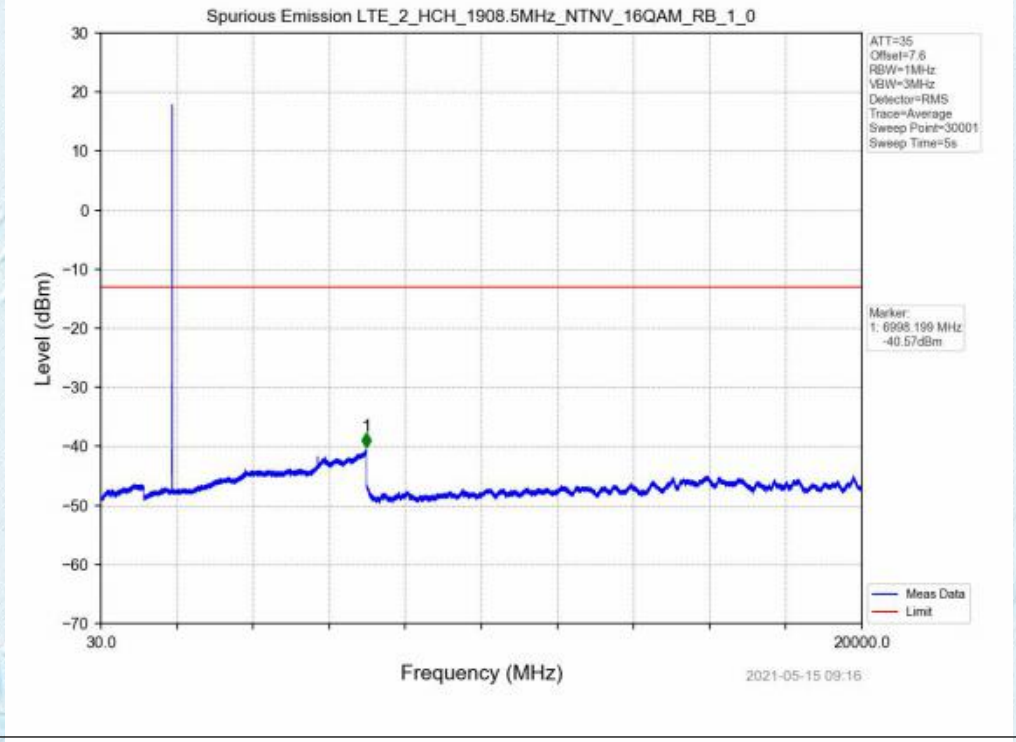

Spurious Emission LTE_2_LCH_1851.5MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6980.891 MHz
-40.48dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

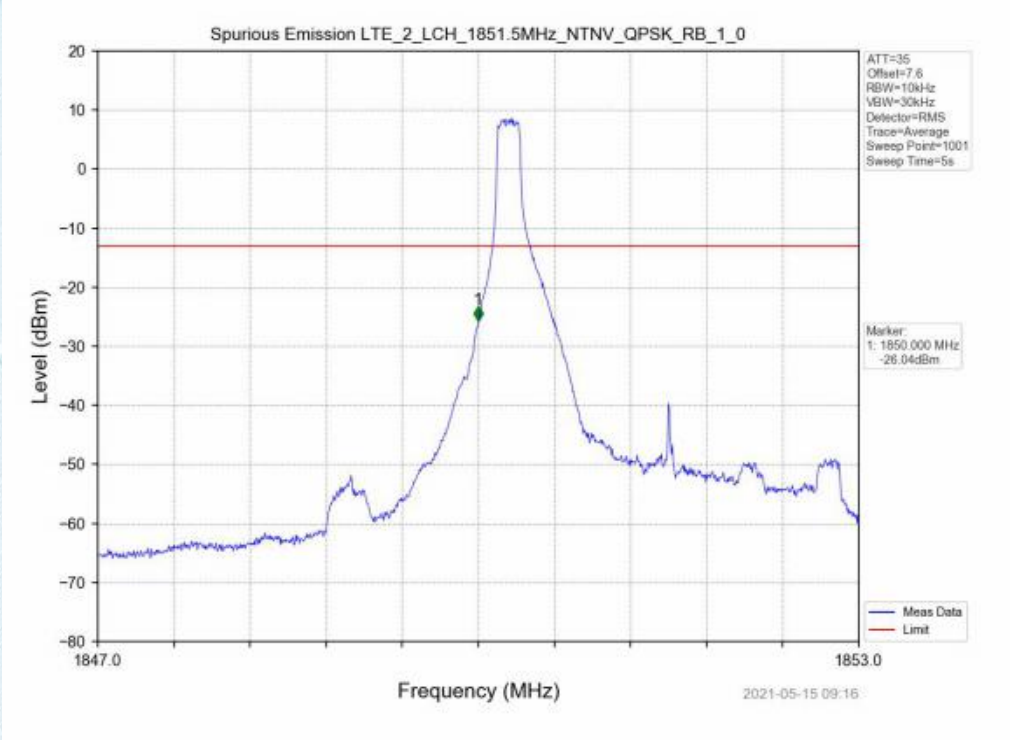

Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6996.867 MHz
-40.47dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

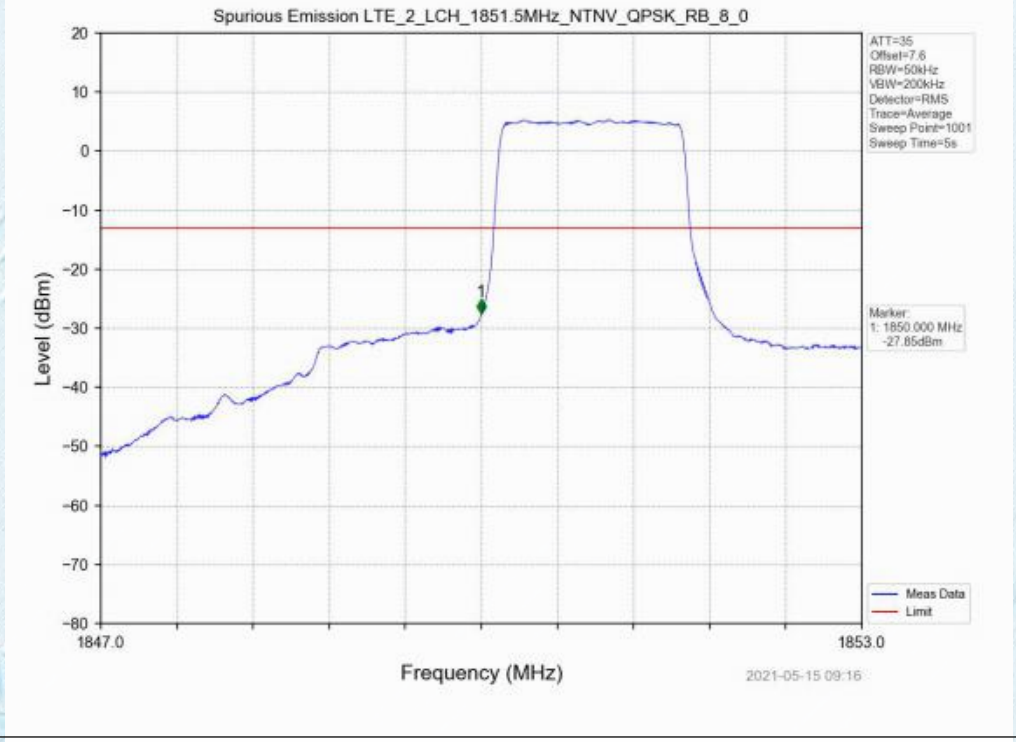

Spurious Emission LTE_2_HCH_1908.5MHz_NTNV_16QAM_RB_1_14
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-28.38dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1907.0
1913.0
2021-05-15 09:16

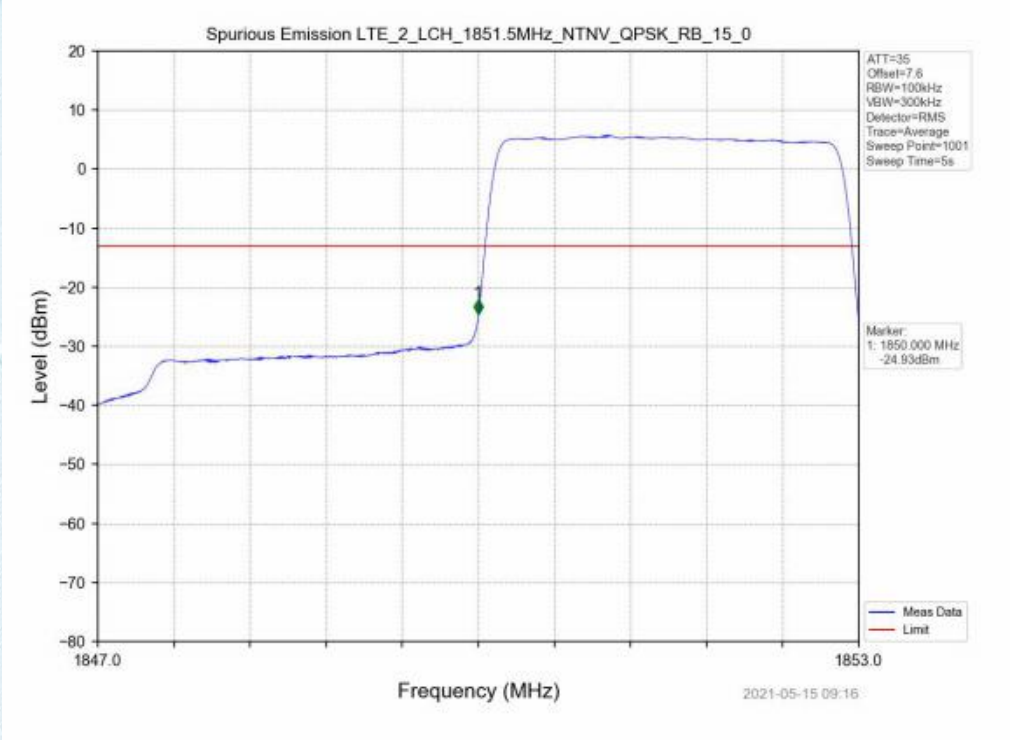

Spurious Emission LTE_2_HCH_1908.5MHz_NTNV_16QAM_RB_8_7
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker:
1: 1910.000 MHz
-26.92dBm
2: 1910.006 MHz
-26.83dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1907.0
1913.0
2021-05-15 09:16

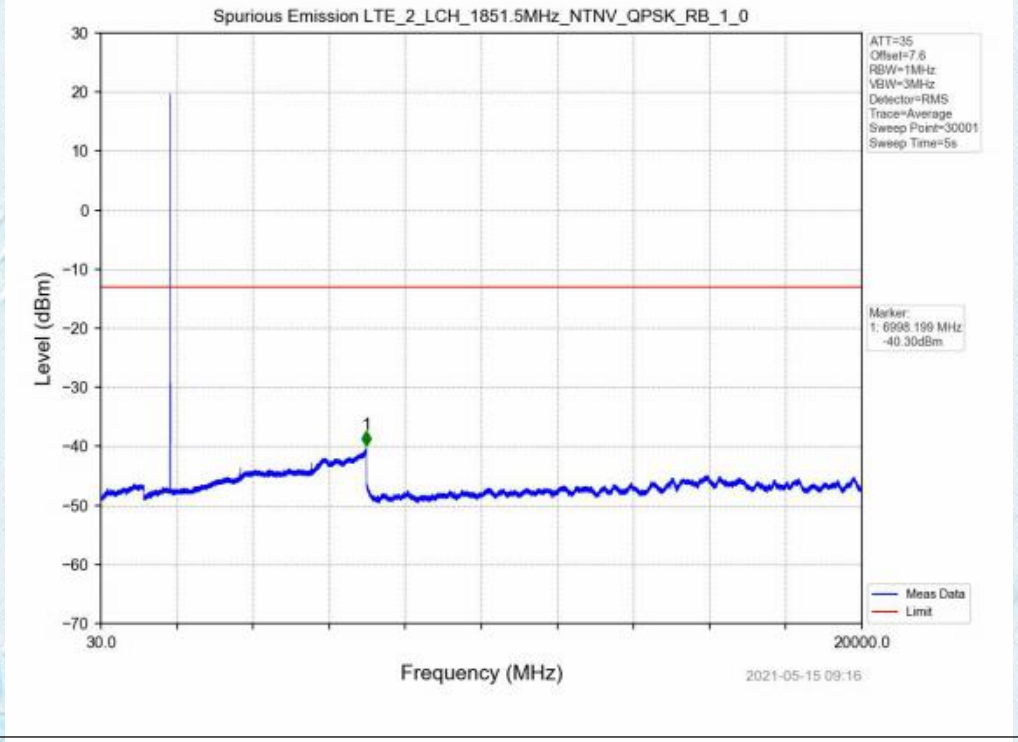

Spurious Emission LTE_2_HCH_1908.5MHz_NTNV_16QAM_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker:
1: 1910.000 MHz
-25.26dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1907.0
1913.0
2021-05-15 09:16

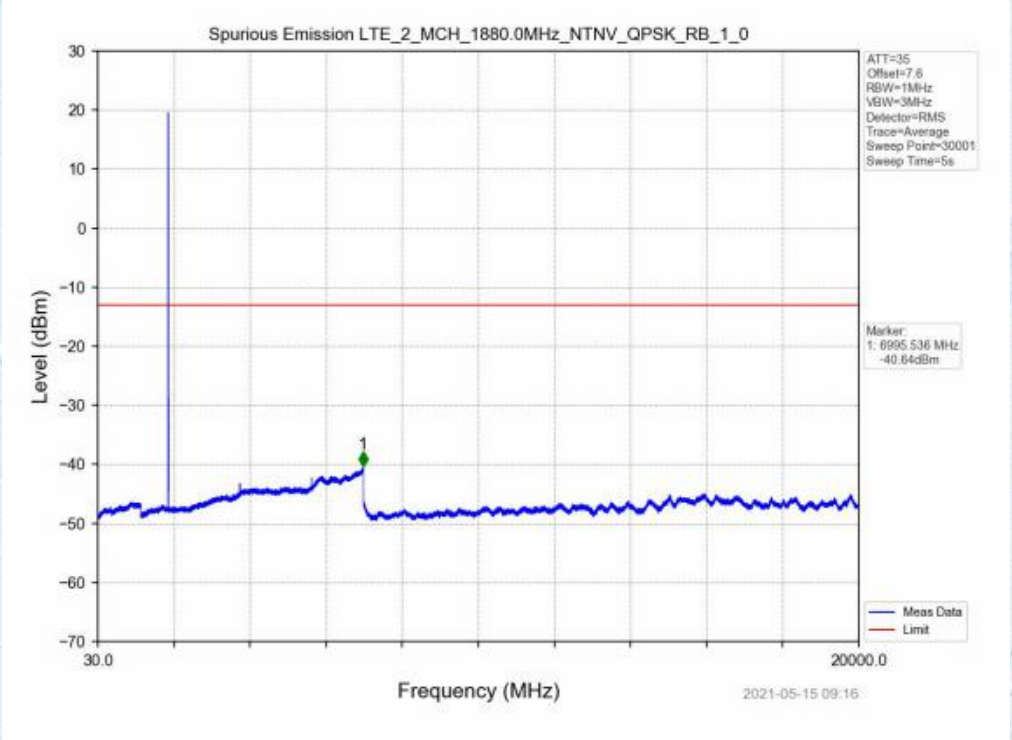

Spurious Emission LTE_2_HCH_1908.5MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6998.199 MHz
-40.57dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

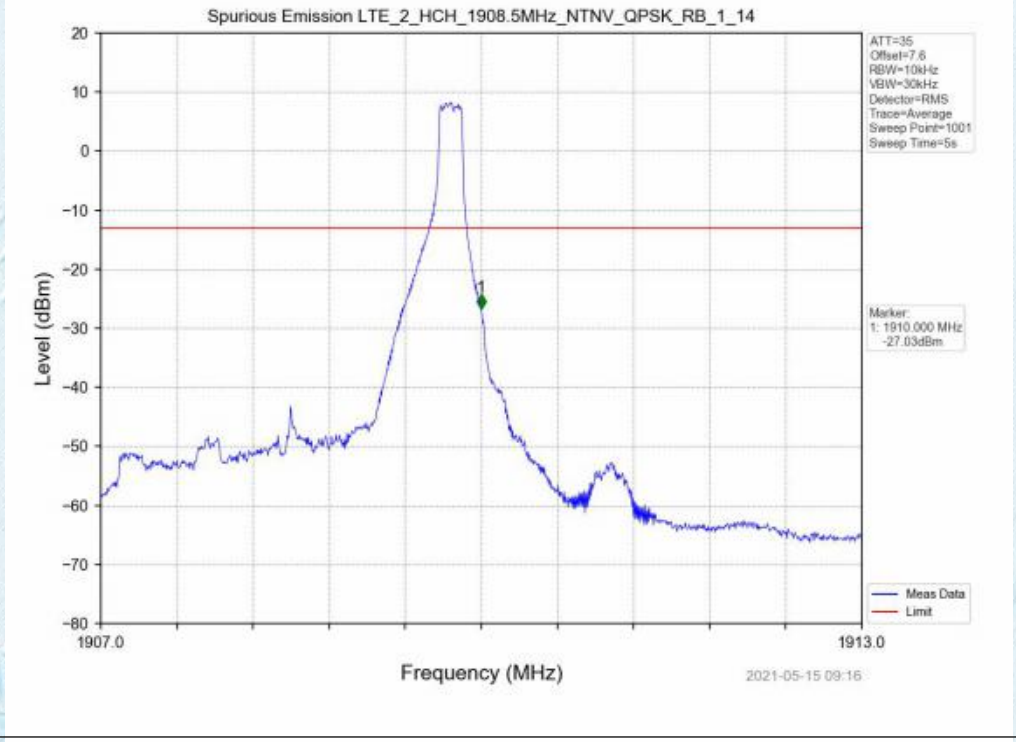

Spurious Emission LTE_2_LCH_1851.5MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-26.04dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1847.0
1853.0
2021-05-15 09:16

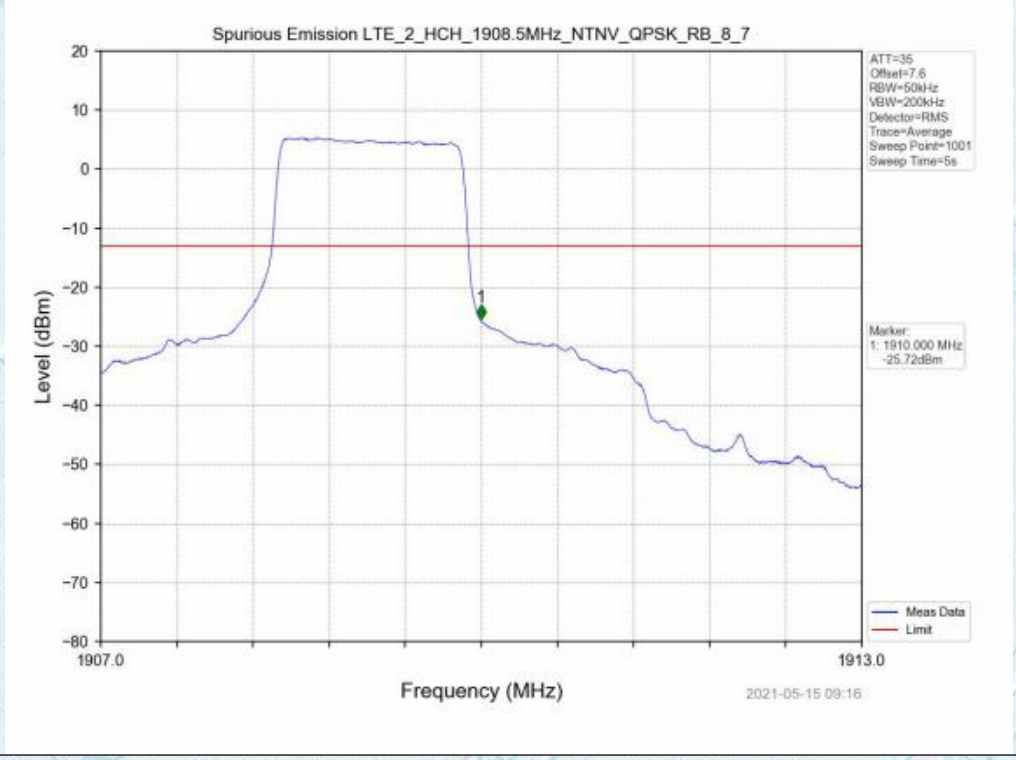

Spurious Emission LTE_2_LCH_1851.5MHz_NTNV_QPSK_RB_8_0
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-27.85dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1847.0
1853.0
2021-05-15 09:16

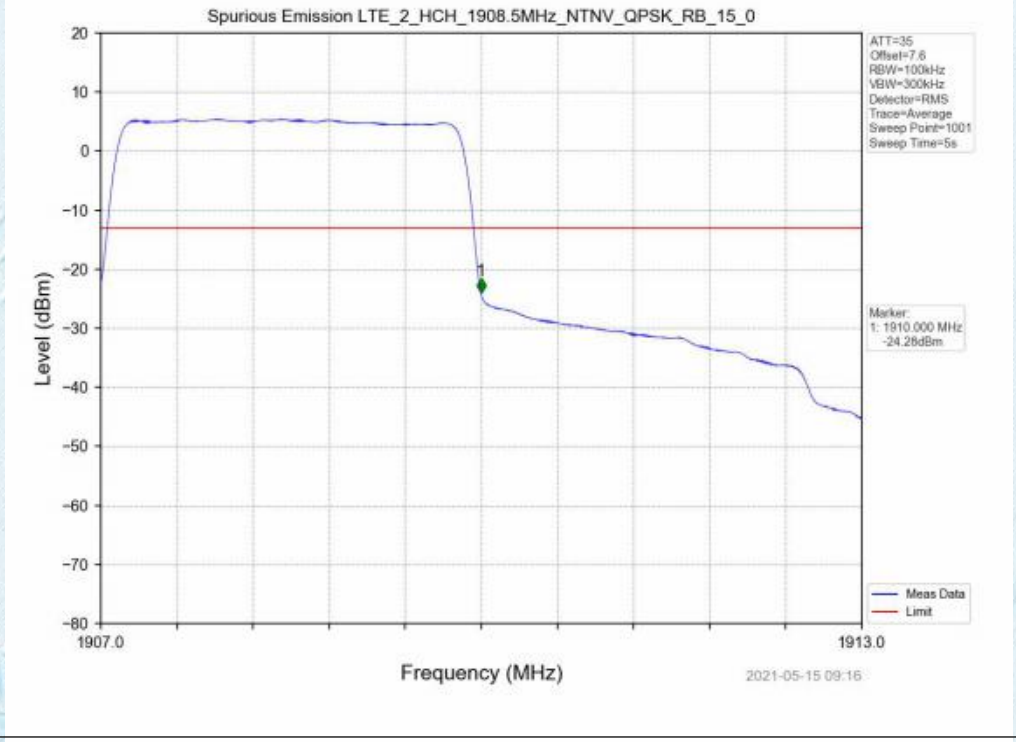

Spurious Emission LTE_2_LCH_1851.5MHz_NTNV_QPSK_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-24.93dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1847.0
1853.0
2021-05-15 09:16

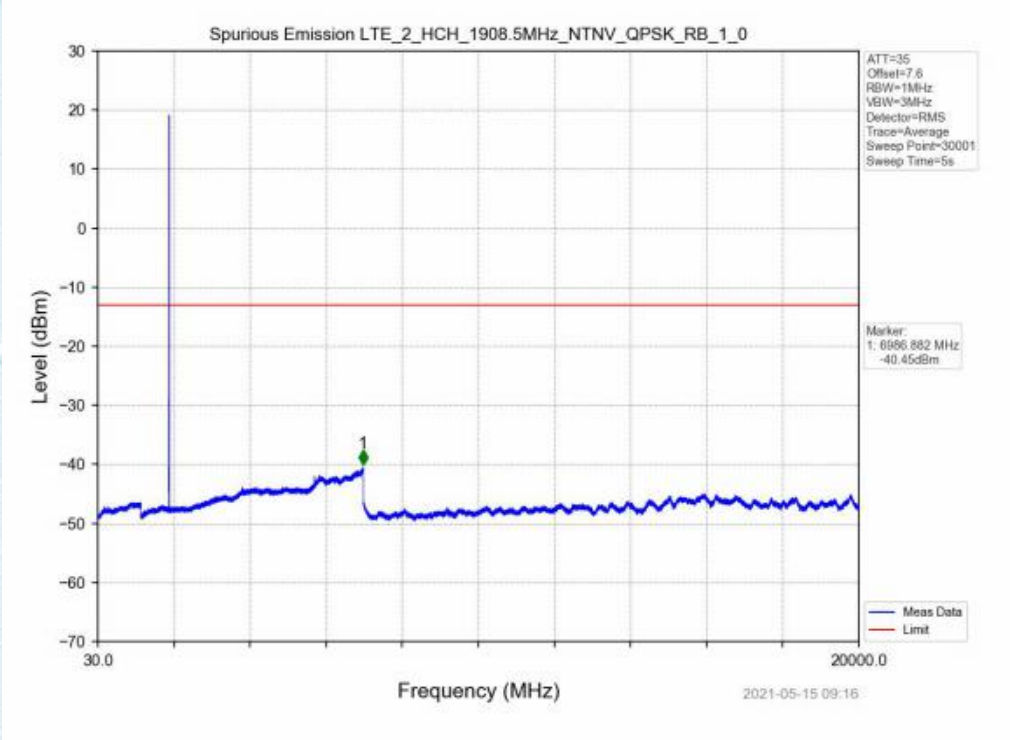

Spurious Emission LTE_2_LCH_1851.5MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6998.199 MHz
-40.30dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16


Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6995.536 MHz
-40.84dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16


Spurious Emission LTE_2_HCH_1908.5MHz_NTNV_QPSK_RB_1_14
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-27.03dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1907.0
1913.0
2021-05-15 09:16

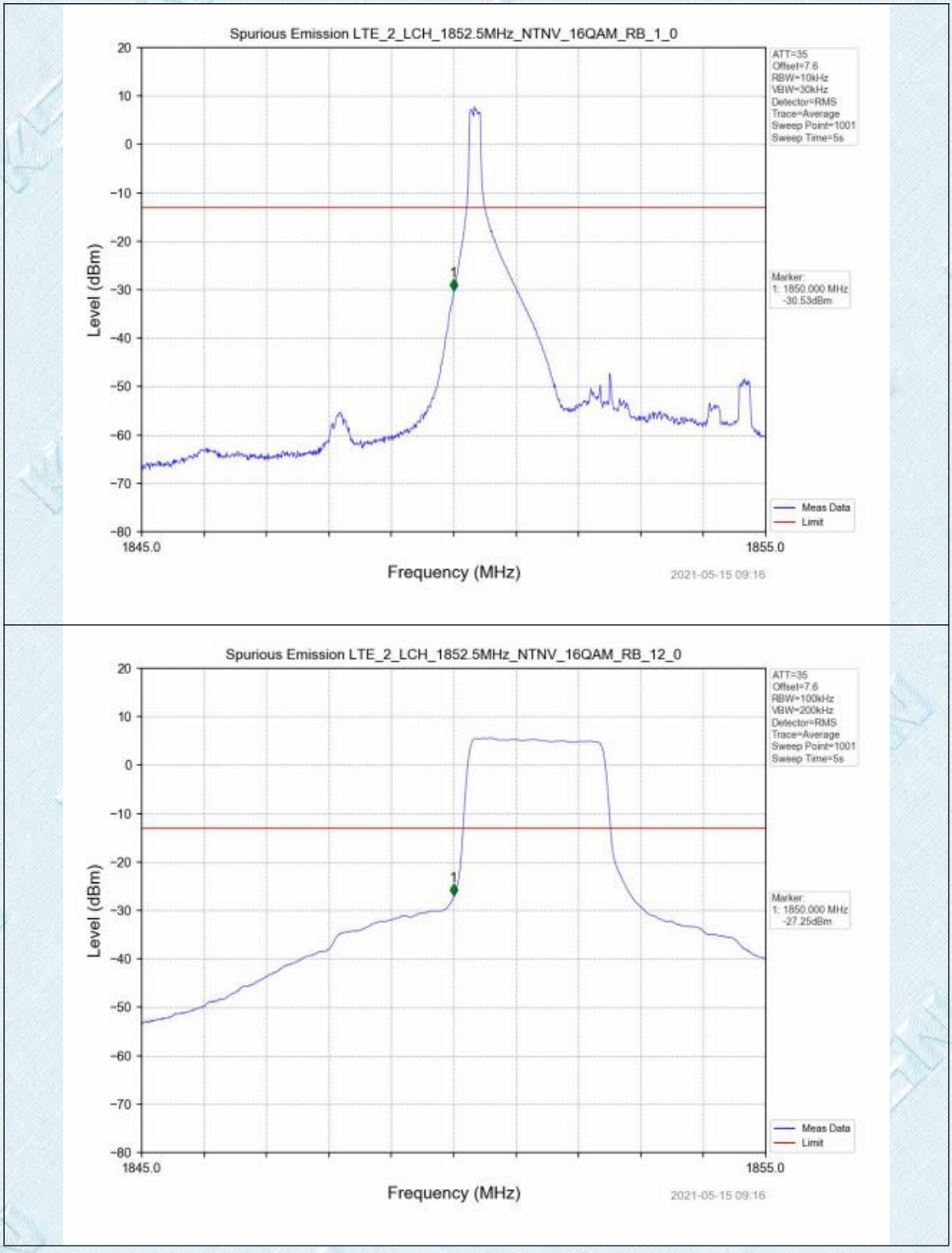

Spurious Emission LTE_2_HCH_1908.5MHz_NTNV_QPSK_RB_8_7
ATT=35
Offset=7.6
RBW=50kHz
VBW=200kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-25.72dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1907.0
1913.0
2021-05-15 09:16

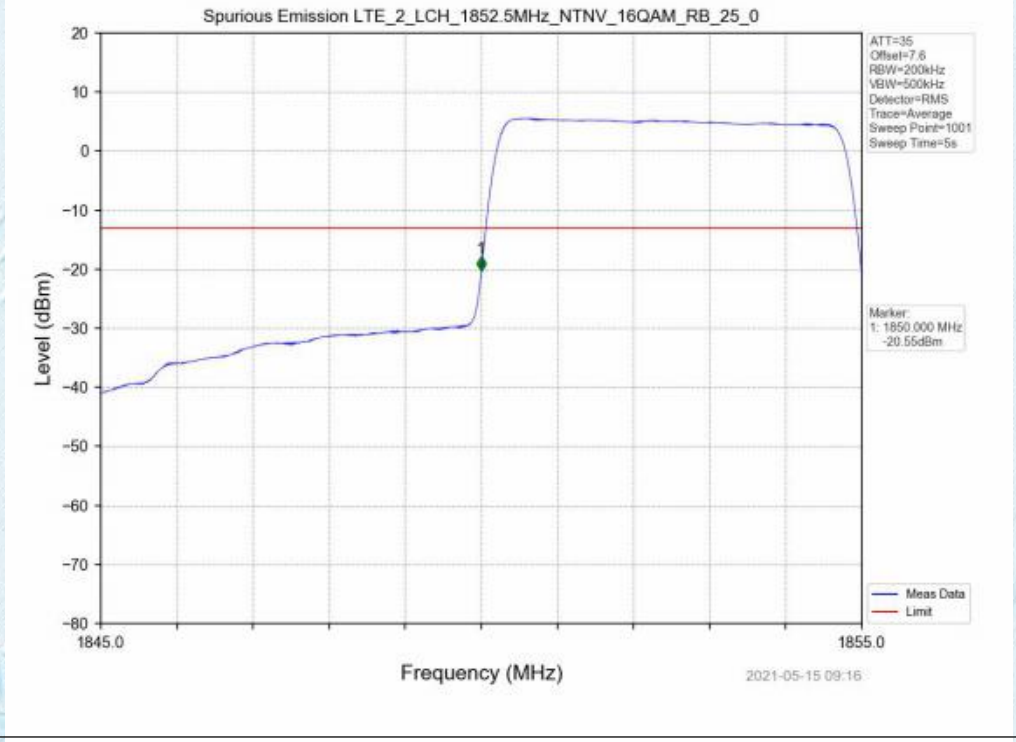

Spurious Emission LTE_2_HCH_1908.5MHz_NTNV_QPSK_RB_15_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=300kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker:
1: 1910.000 MHz
-24.28dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1907.0
1913.0
2021-05-15 09:16

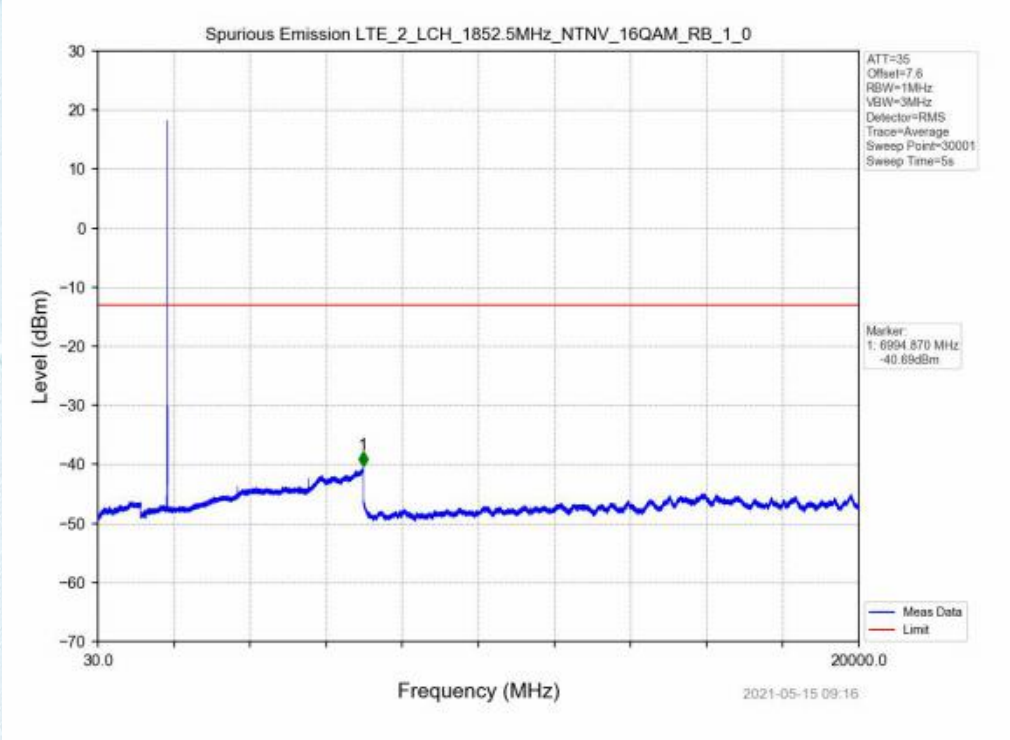

Spurious Emission LTE_2_HCH_1908.5MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker:
1: 6986.882 MHz
-40.45dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

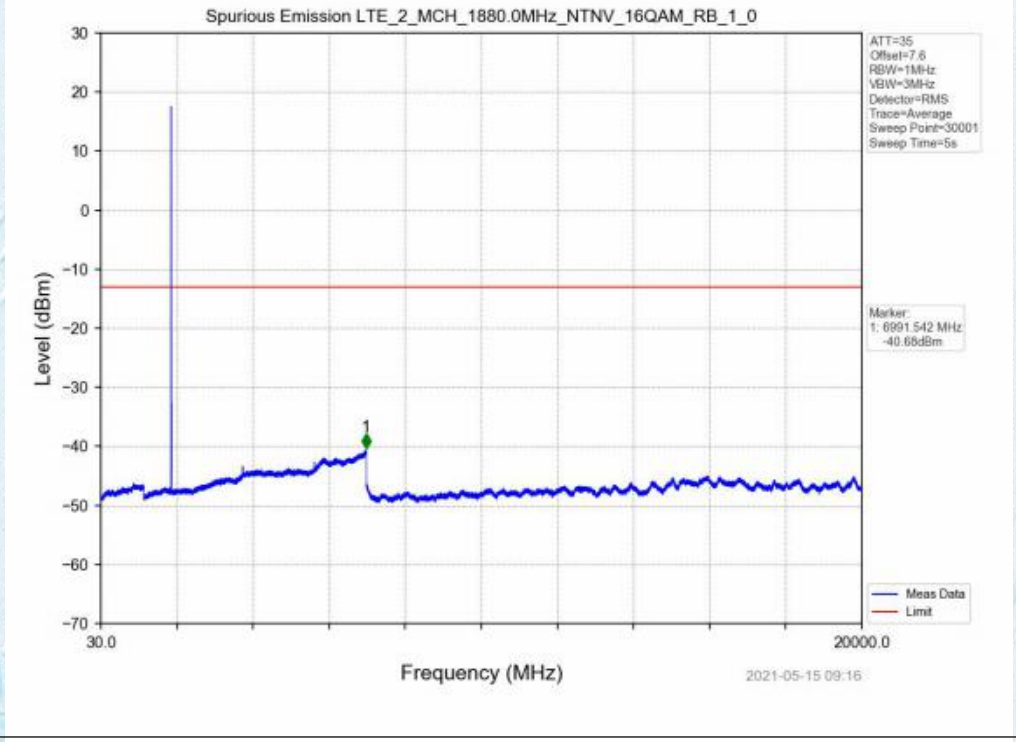
Test Band: 2 _ 5MHz Bandwidth

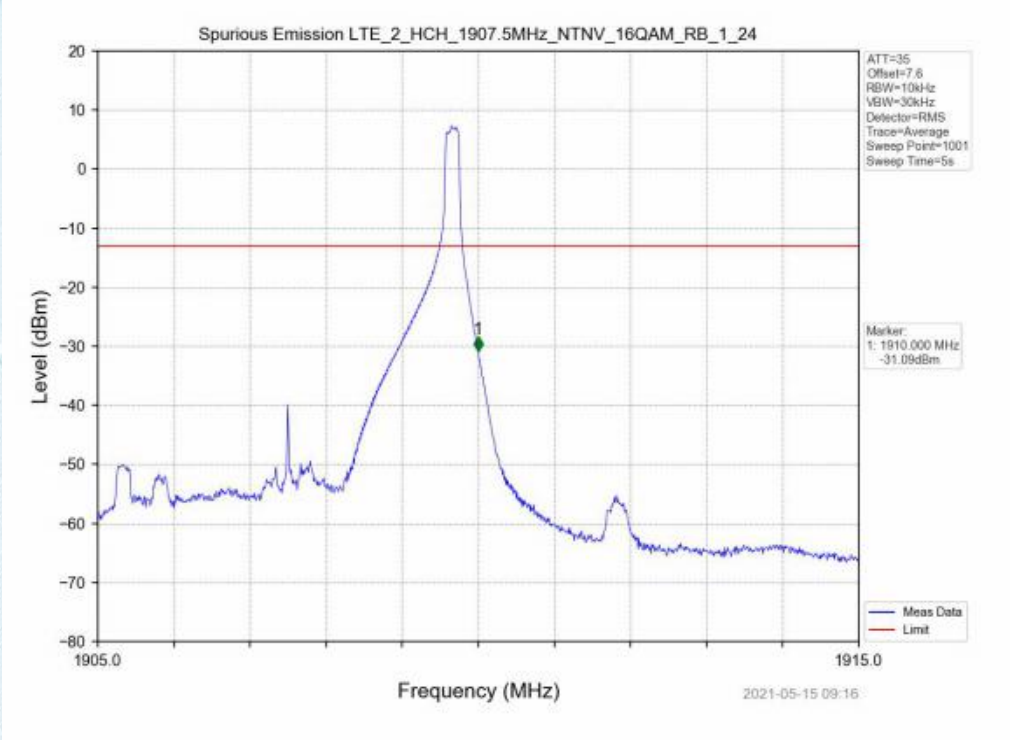
Test Graph

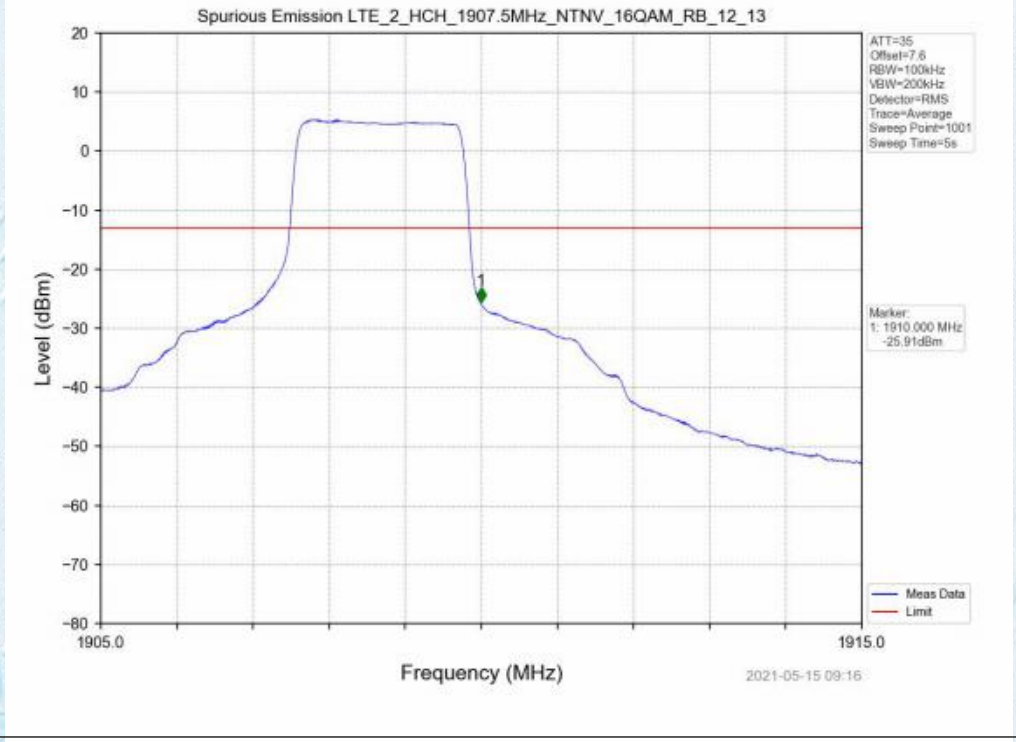


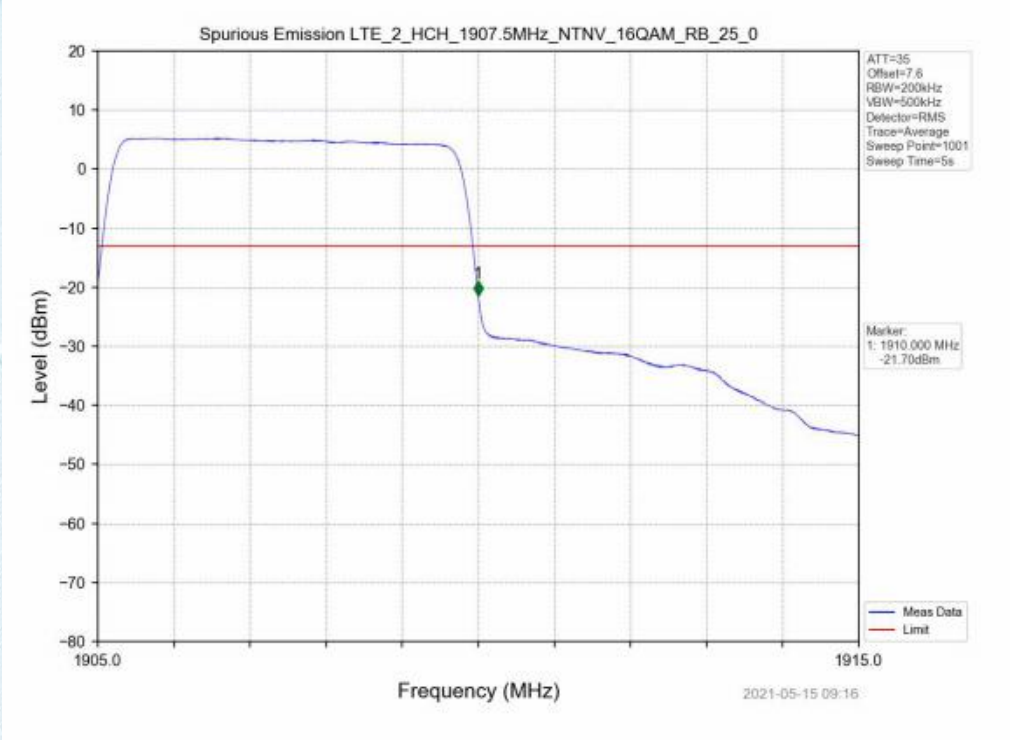

Spurious Emission LTE_2_LCH_1852.5MHz_NTNV_16QAM_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=500kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-20.55dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1845.0
1855.0
2021-05-15 09:16

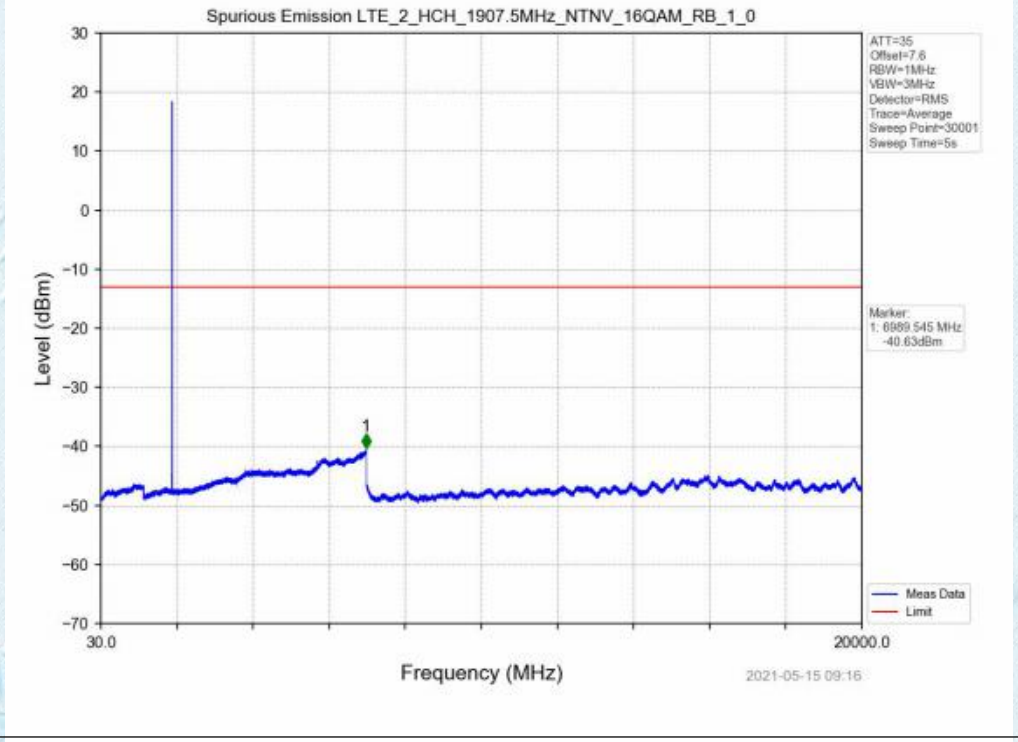

Spurious Emission LTE_2_LCH_1852.5MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6994.870 MHz
-40.69dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

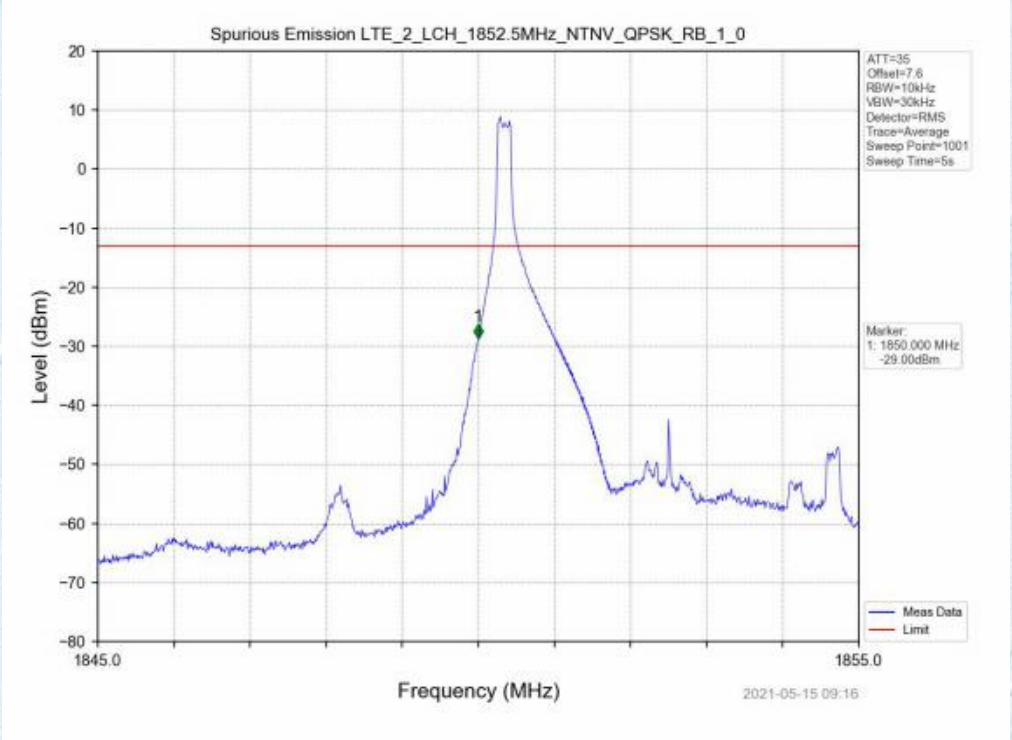

Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6991.542 MHz
-40.68dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

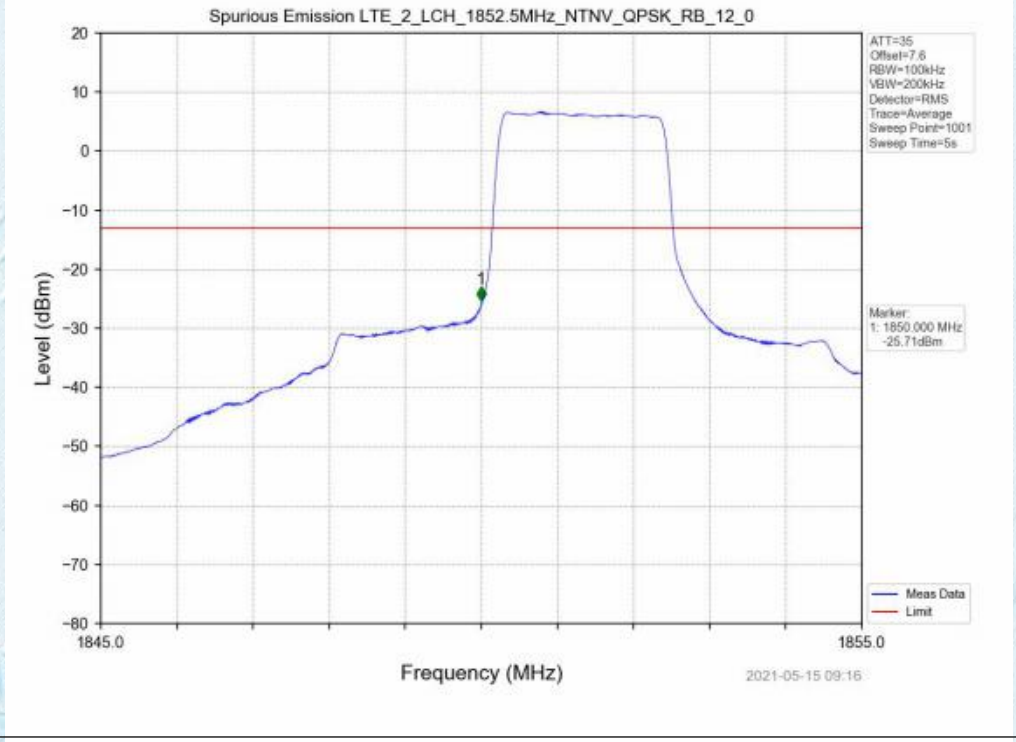

Spurious Emission LTE_2_HCH_1907.5MHz_NTNV_16QAM_RB_1_24
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-31.09dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1905.0
1915.0
2021-05-15 09:16

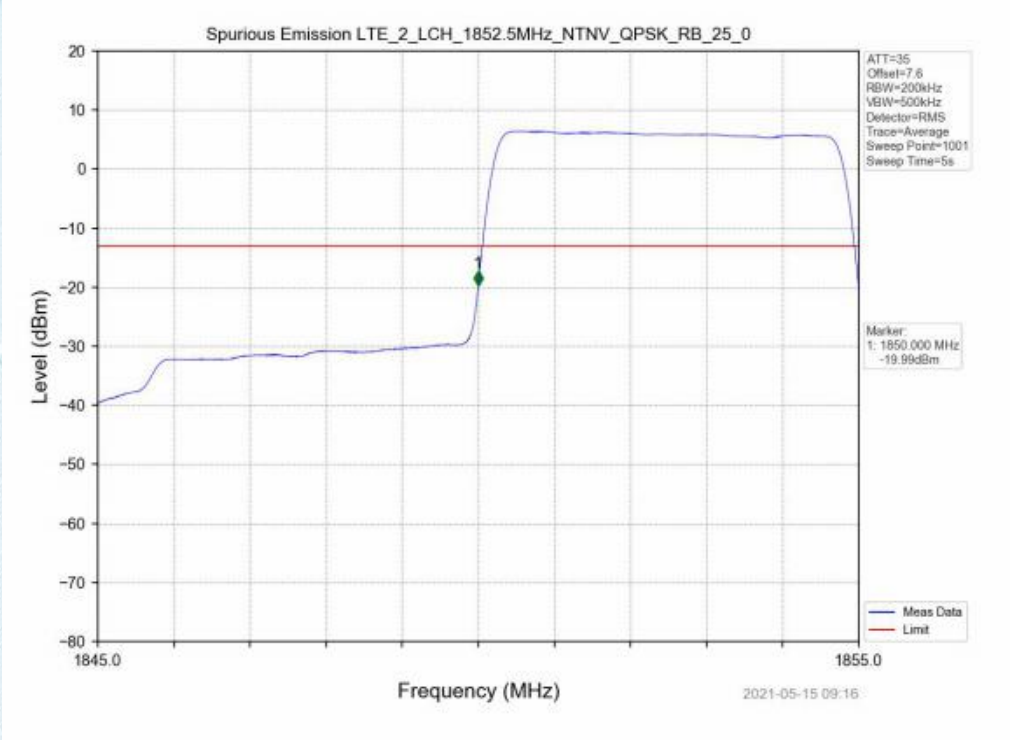

Spurious Emission LTE_2_HCH_1907.5MHz_NTNV_16QAM_RB_12_13
ATT=35
Offset=7.6
RBW=100kHz
VBW=200kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-25.91dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1905.0
1915.0
2021-05-15 09:16

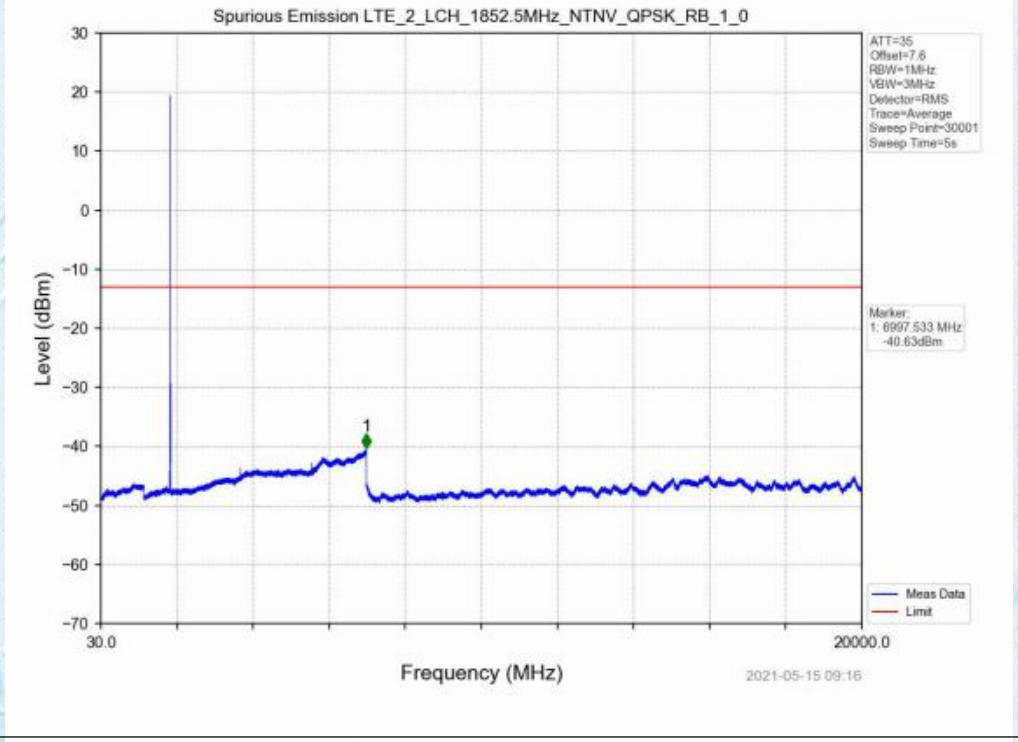

Spurious Emission LTE_2_HCH_1907.5MHz_NTNV_16QAM_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=500kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-21.70dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1905.0
1915.0
2021-05-15 09:16

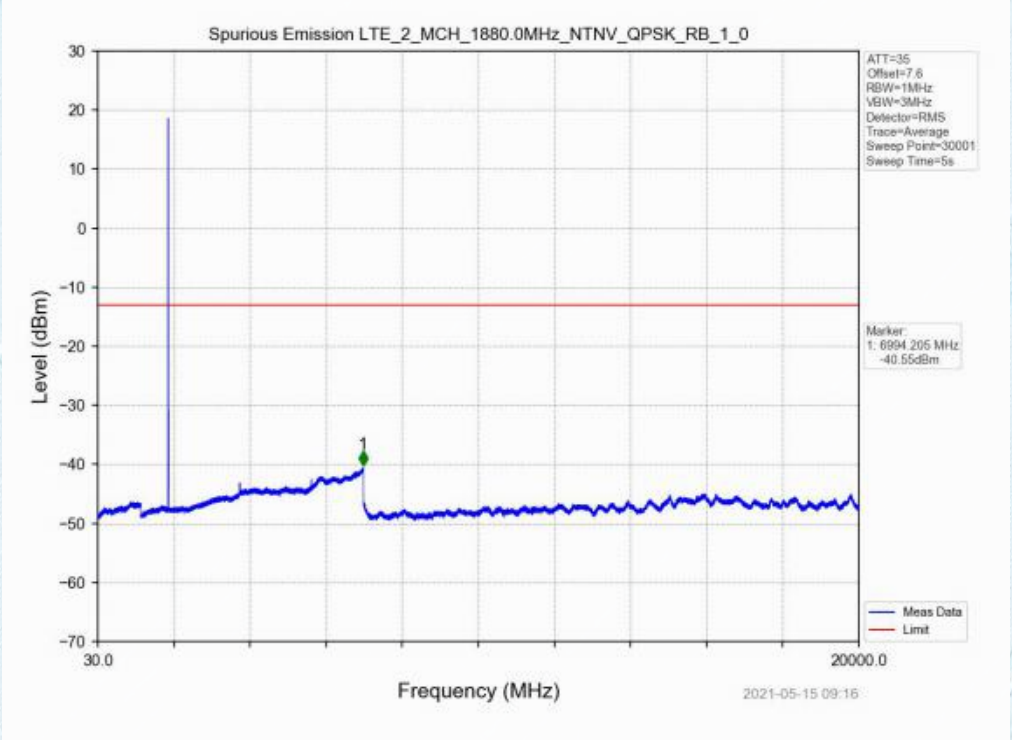

Spurious Emission LTE_2_HCH_1907.5MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6989.545 MHz
-40.63dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

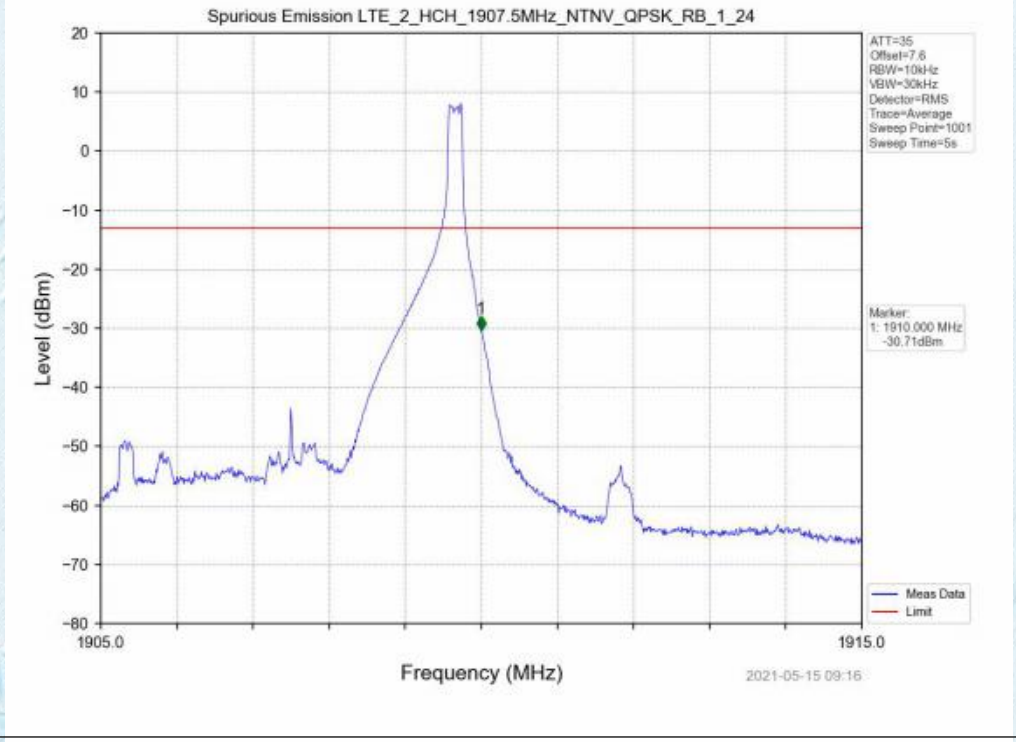

Spurious Emission LTE_2_LCH_1852.5MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-29.00dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1845.0
1855.0
2021-05-15 09:16

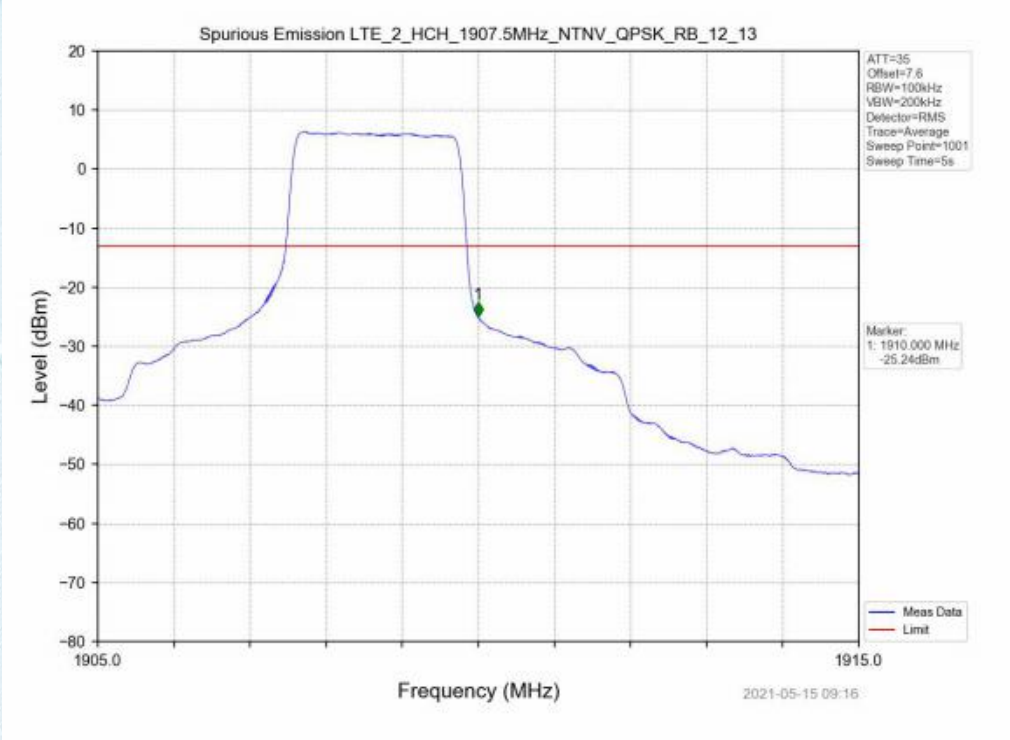

Spurious Emission LTE_2_LCH_1852.5MHz_NTNV_QPSK_RB_12_0
ATT=35
Offset=7.6
RBW=100kHz
VBW=200kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-25.71dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1845.0
1855.0
2021-05-15 09:16

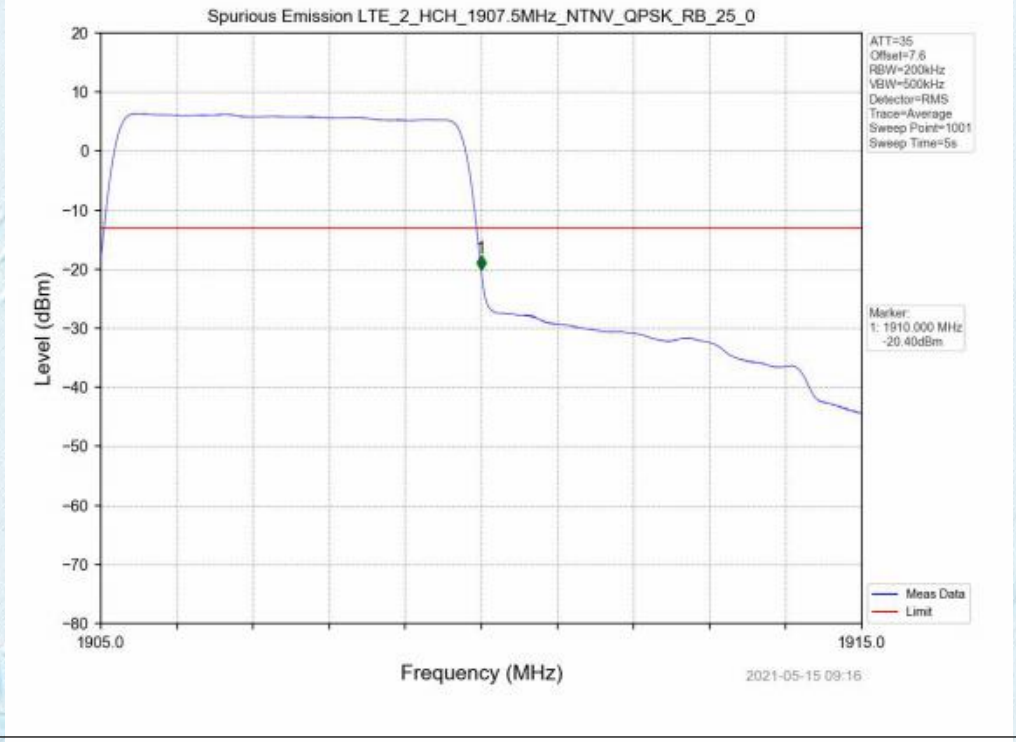

Spurious Emission LTE_2_LCH_1852.5MHz_NTNV_QPSK_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=500kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-19.99dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1845.0
1855.0
2021-05-15 09:16

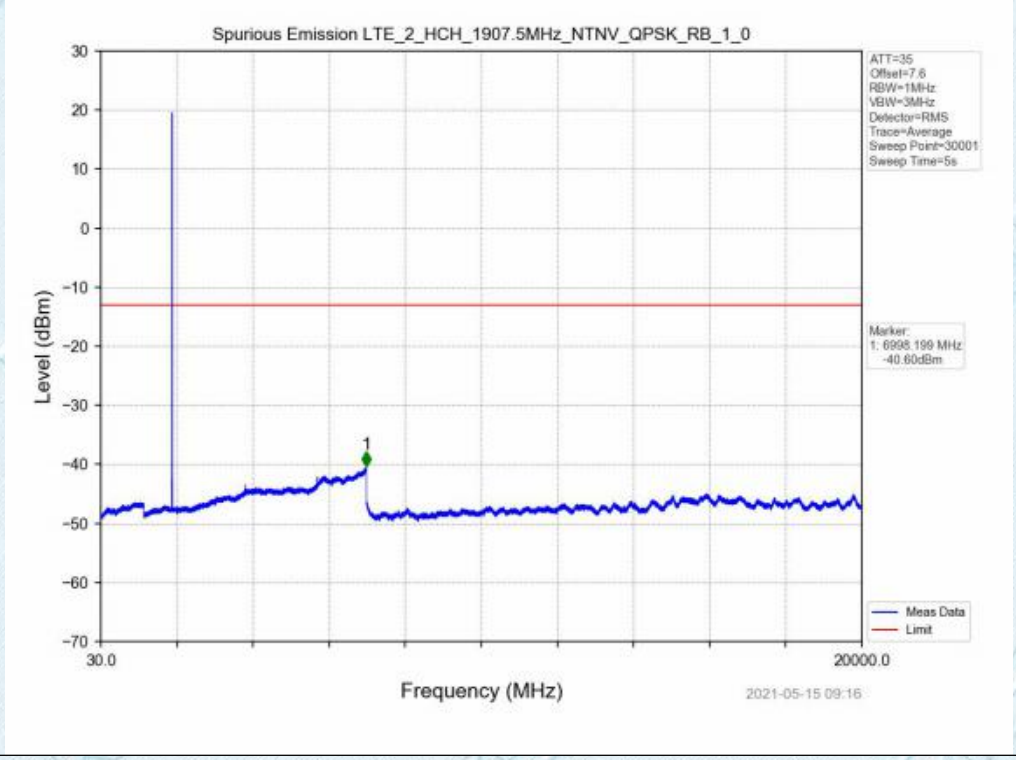

Spurious Emission LTE_2_LCH_1852.5MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6997.533 MHz
-40.63dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16


Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6994.205 MHz
-40.55dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16


Spurious Emission LTE_2_HCH_1907.5MHz_NTNV_QPSK_RB_1_24
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-30.71dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1905.0
1915.0
2021-05-15 09:16

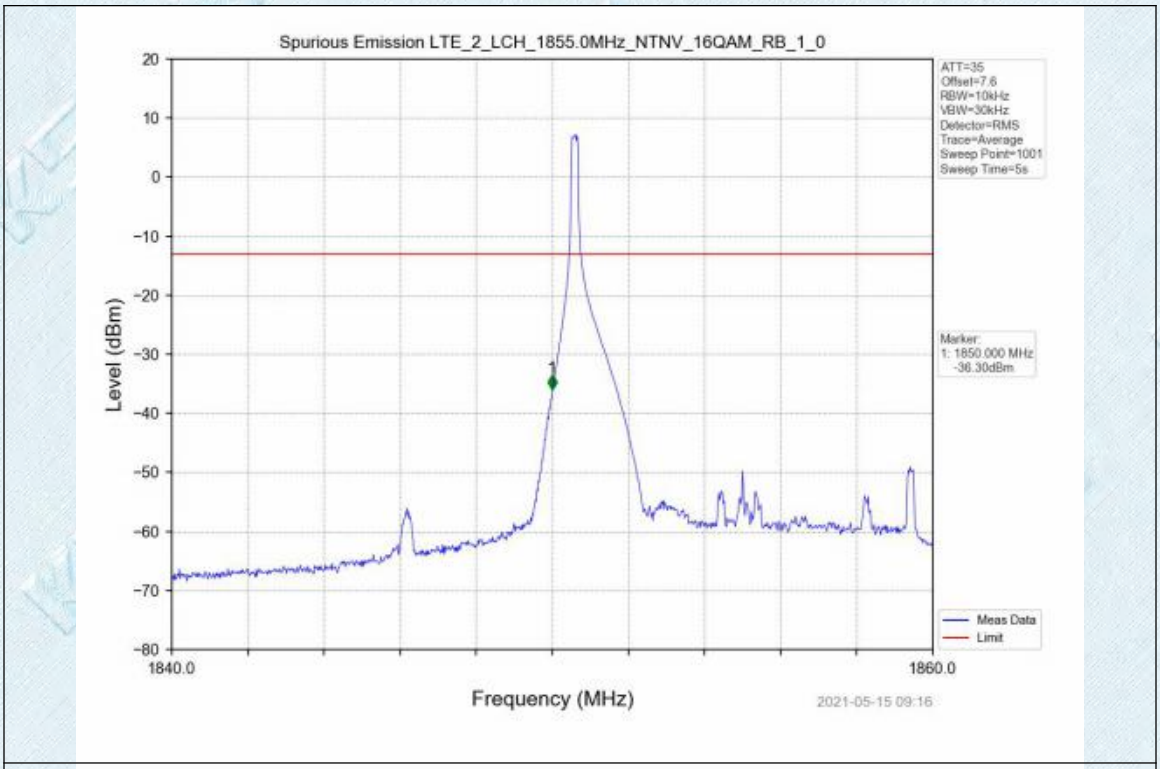

Spurious Emission LTE_2_HCH_1907.5MHz_NTNV_QPSK_RB_12_13
ATT=35
Offset=7.6
RBW=100kHz
VBW=200kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-25.24dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1905.0
1915.0
2021-05-15 09:16

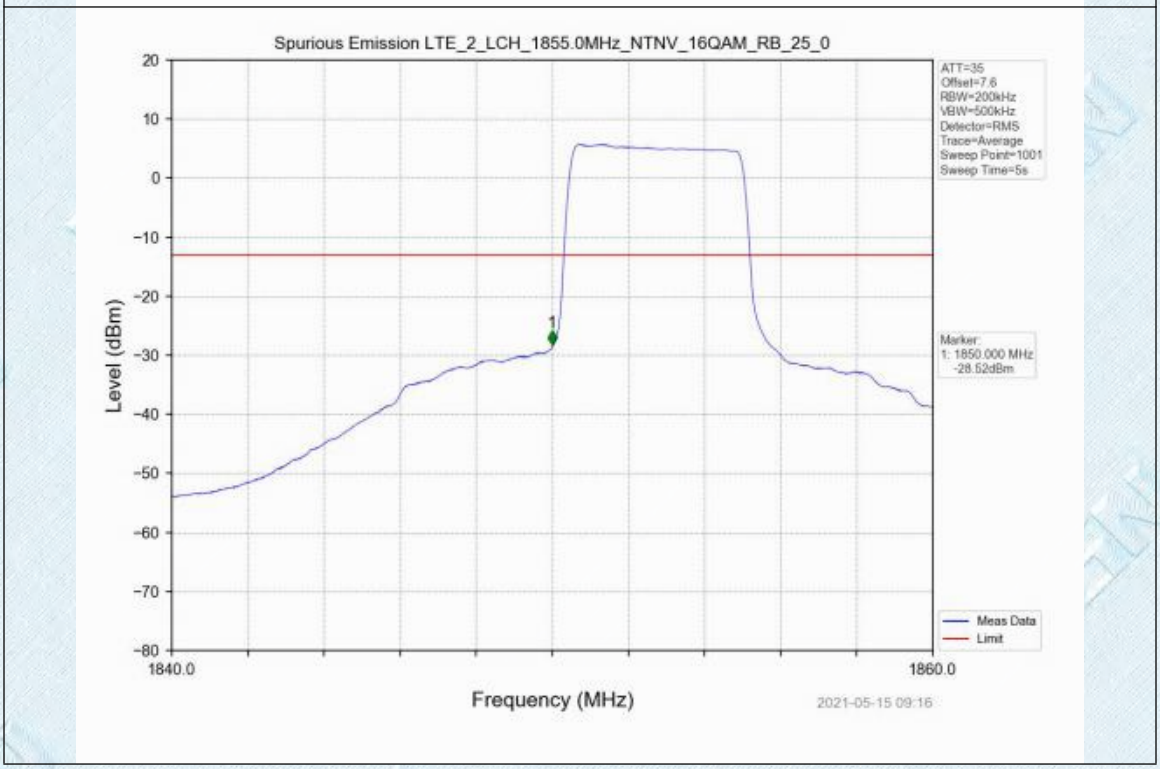

Spurious Emission LTE_2_HCH_1907.5MHz_NTNV_QPSK_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=500kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-20.40dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1905.0
1915.0
2021-05-15 09:16

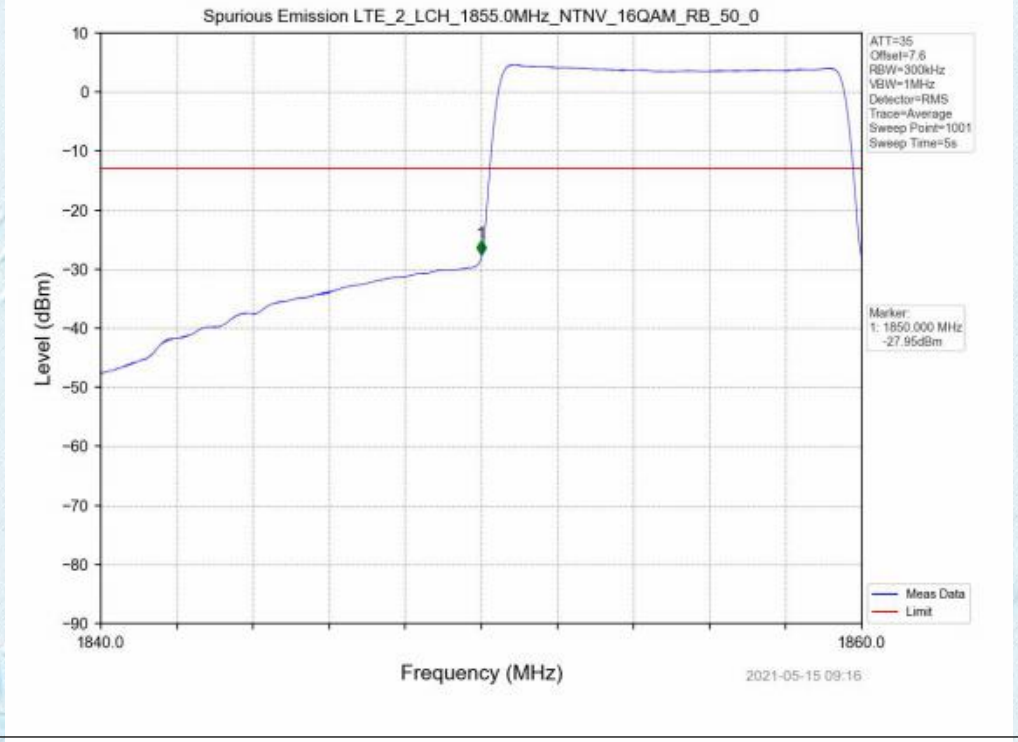

Spurious Emission LTE_2_HCH_1907.5MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6998.199 MHz
-40.60dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

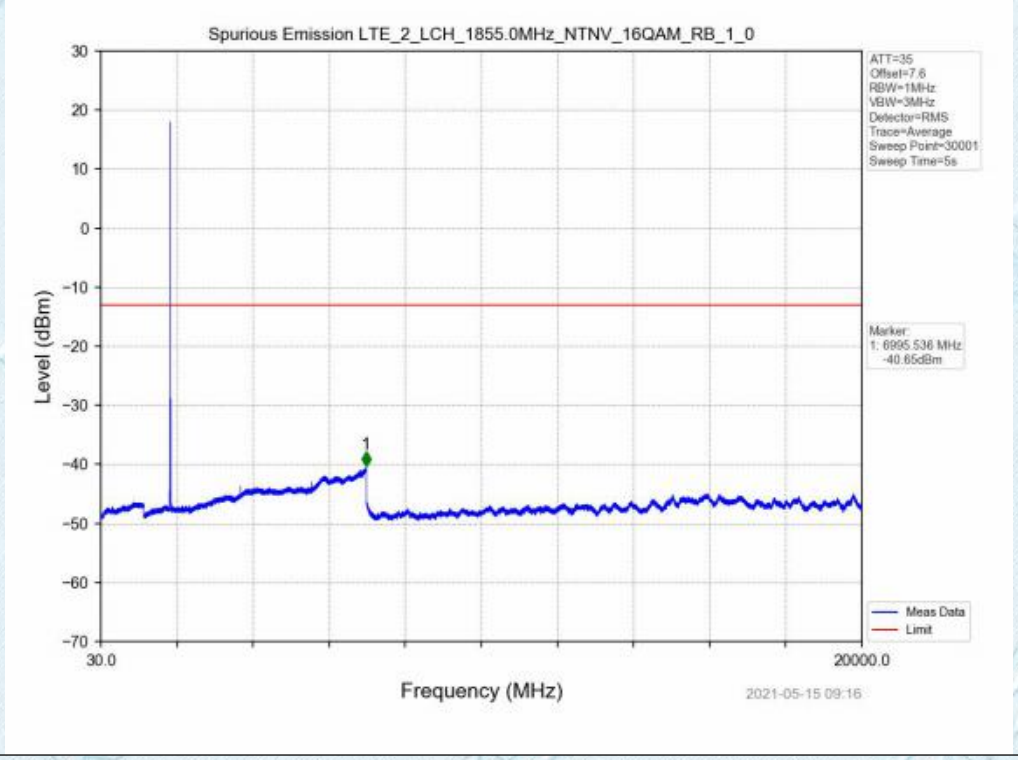
Test Band: 2 _ 10MHz Bandwidth

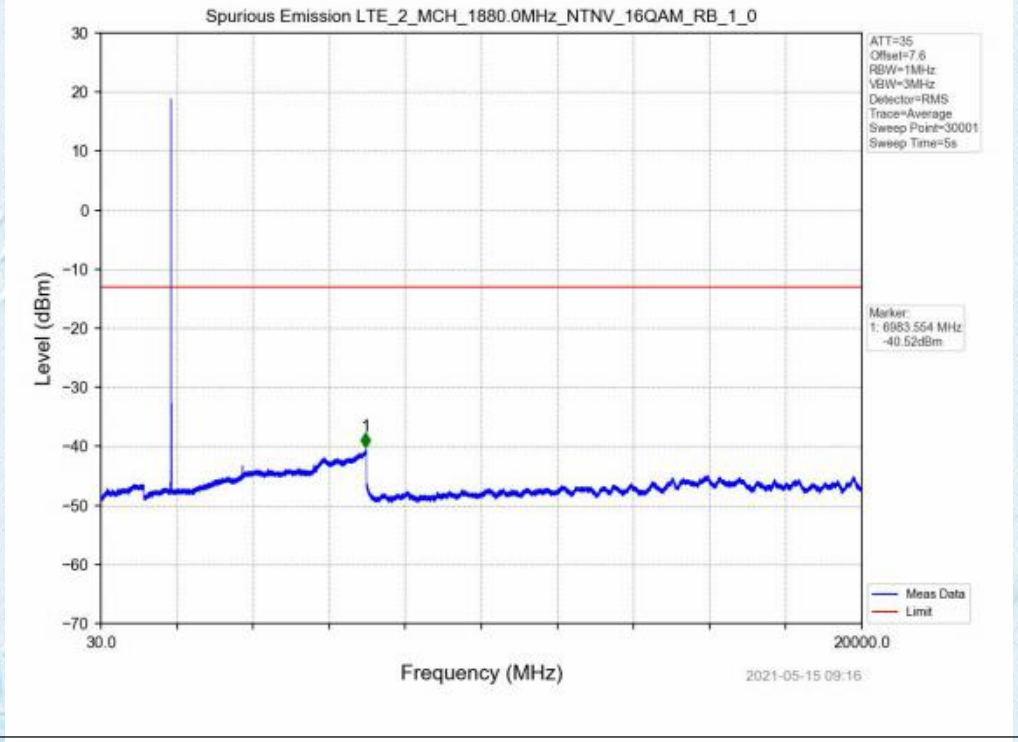
Test Graph

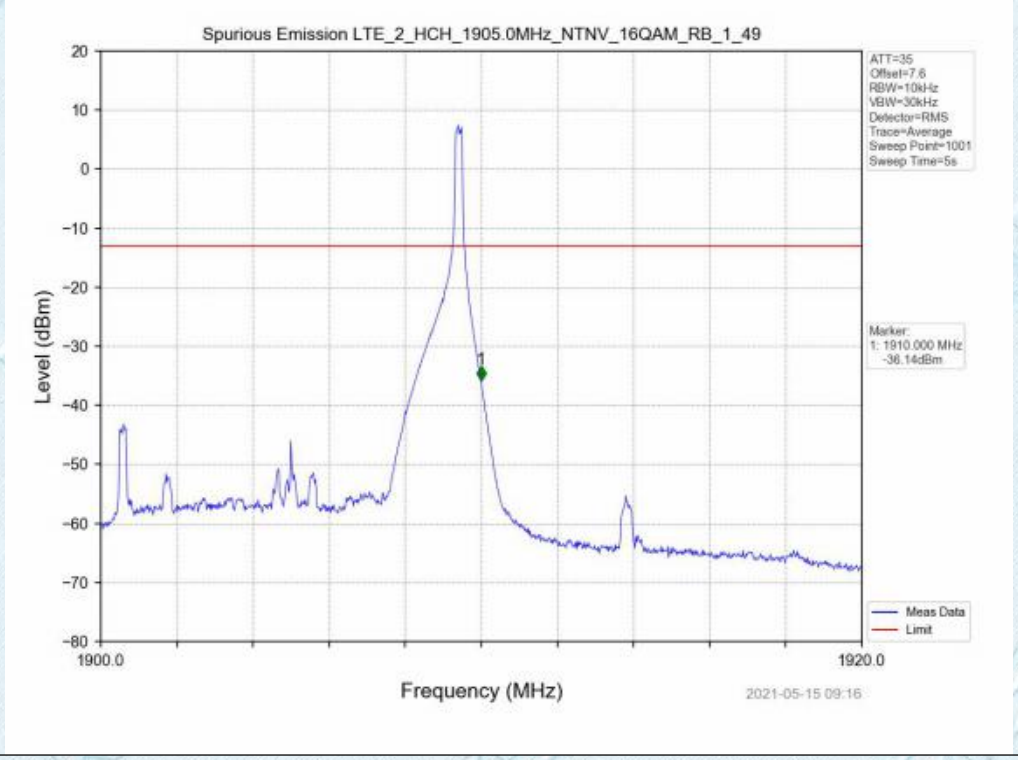


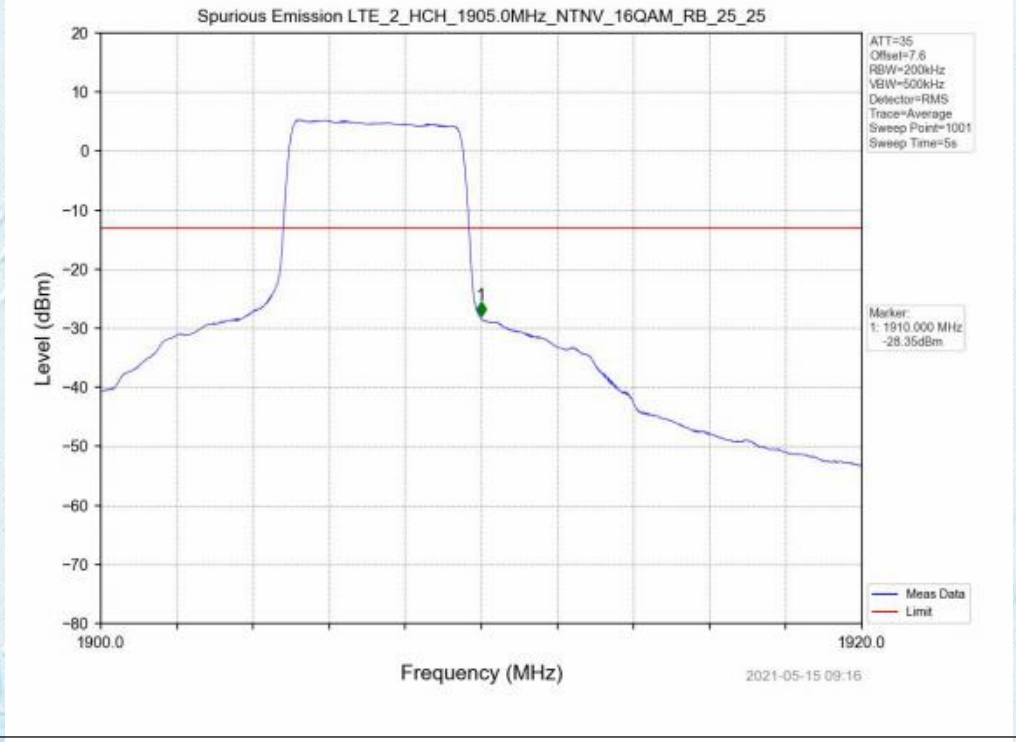


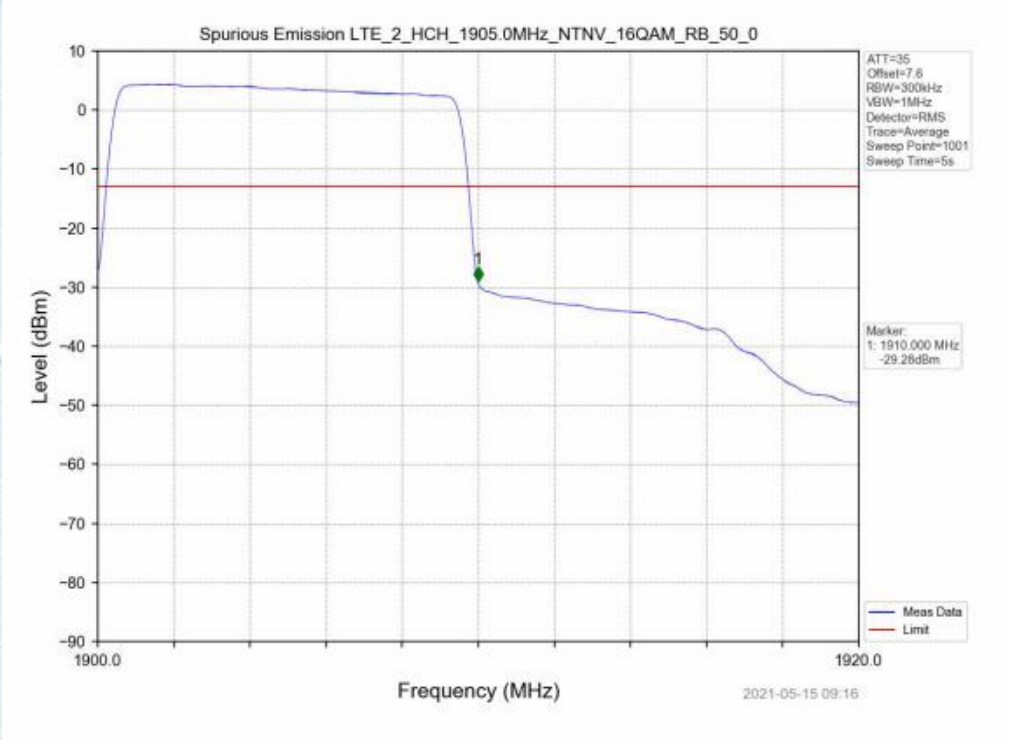

Spurious Emission LTE_2_LCH_1855.0MHz_NTNV_16QAM_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-27.95dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1840.0
1860.0
2021-05-15 09:16

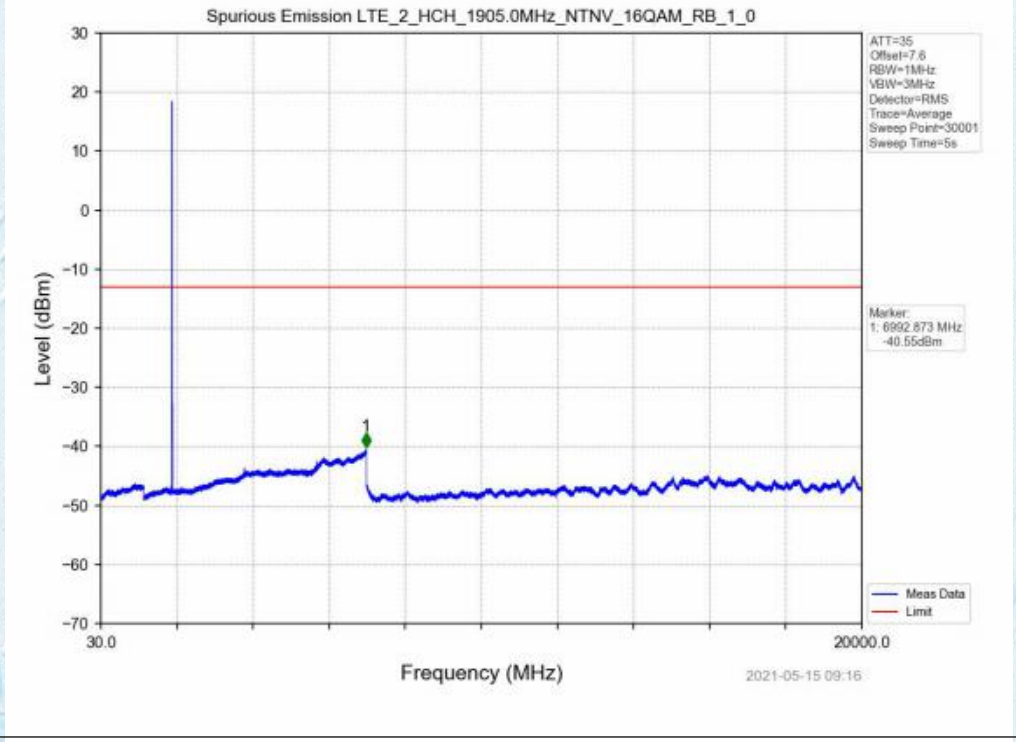

Spurious Emission LTE_2_LCH_1855.0MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6995.536 MHz
-40.65dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

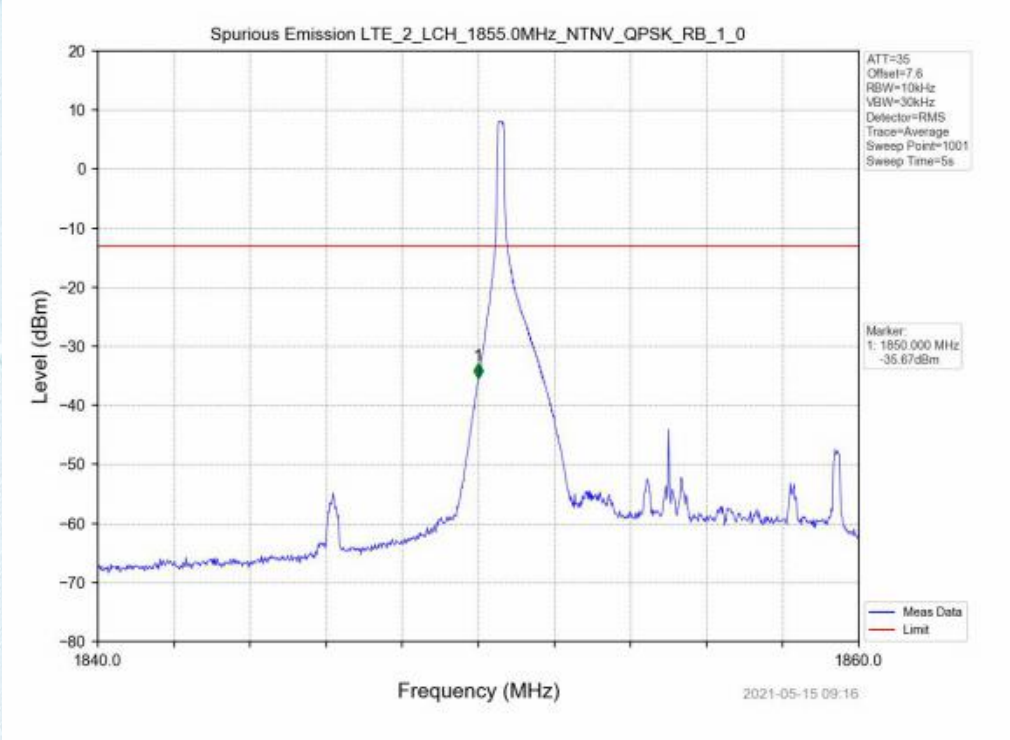

Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6983.554 MHz
-40.52dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

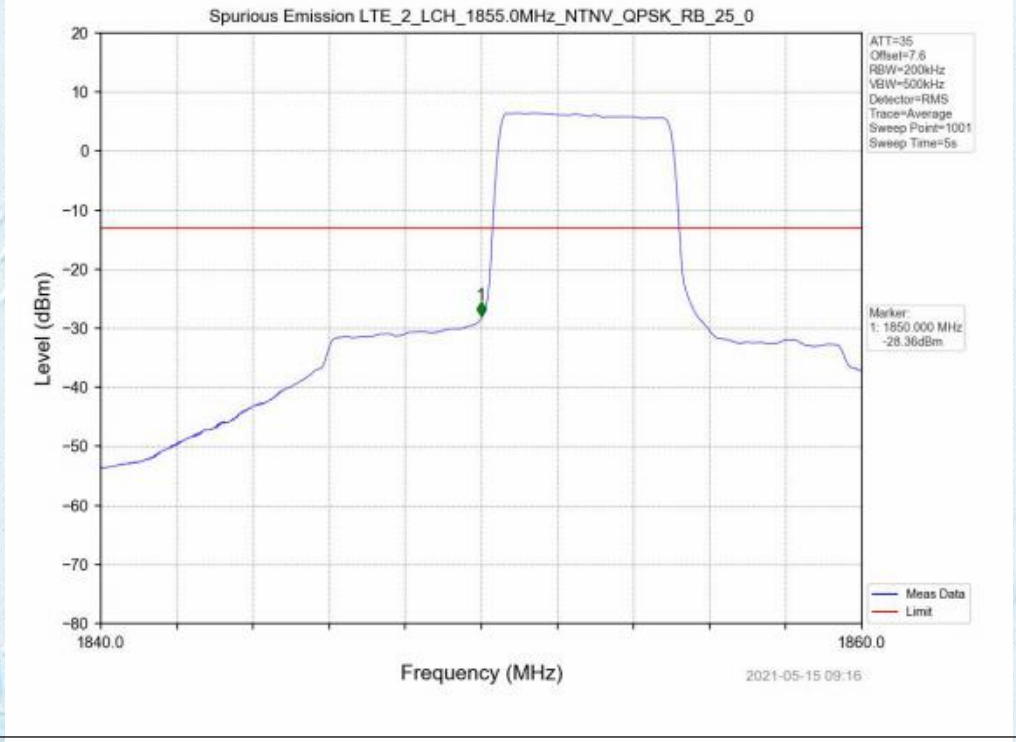

Spurious Emission LTE_2_HCH_1905.0MHz_NTNV_16QAM_RB_1_49
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-36.14dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1900.0
1920.0
2021-05-15 09:16

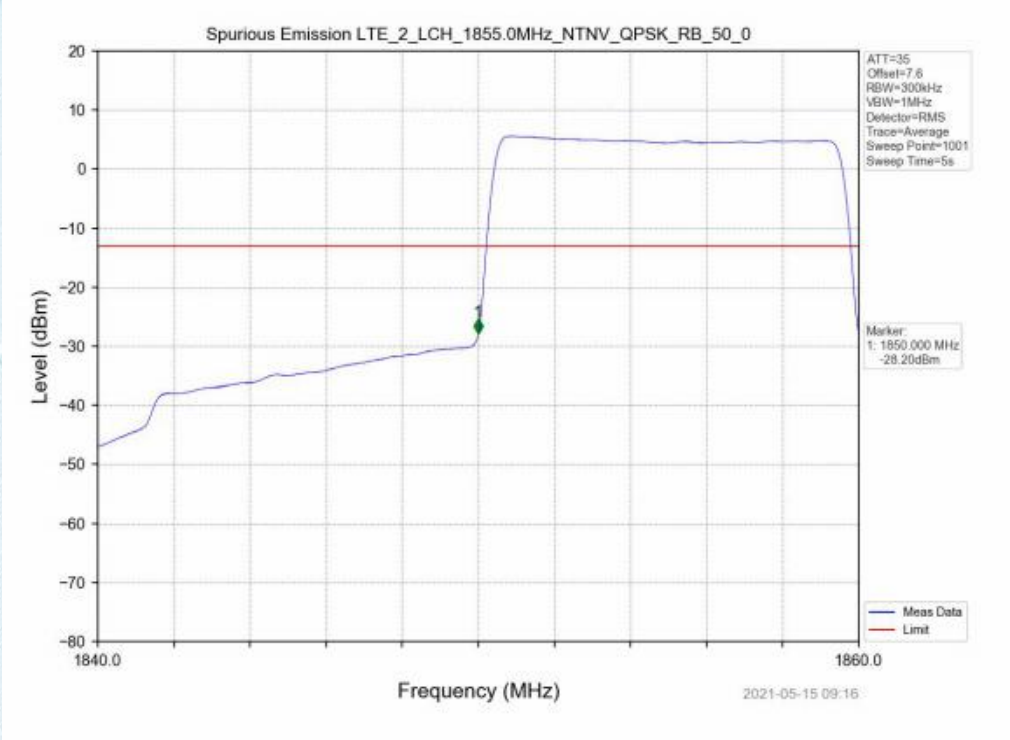

Spurious Emission LTE_2_HCH_1905.0MHz_NTNV_16QAM_RB_25_25
ATT=35
Offset=7.6
RBW=200kHz
VBW=500kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-28.35dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1900.0
1920.0
2021-05-15 09:16

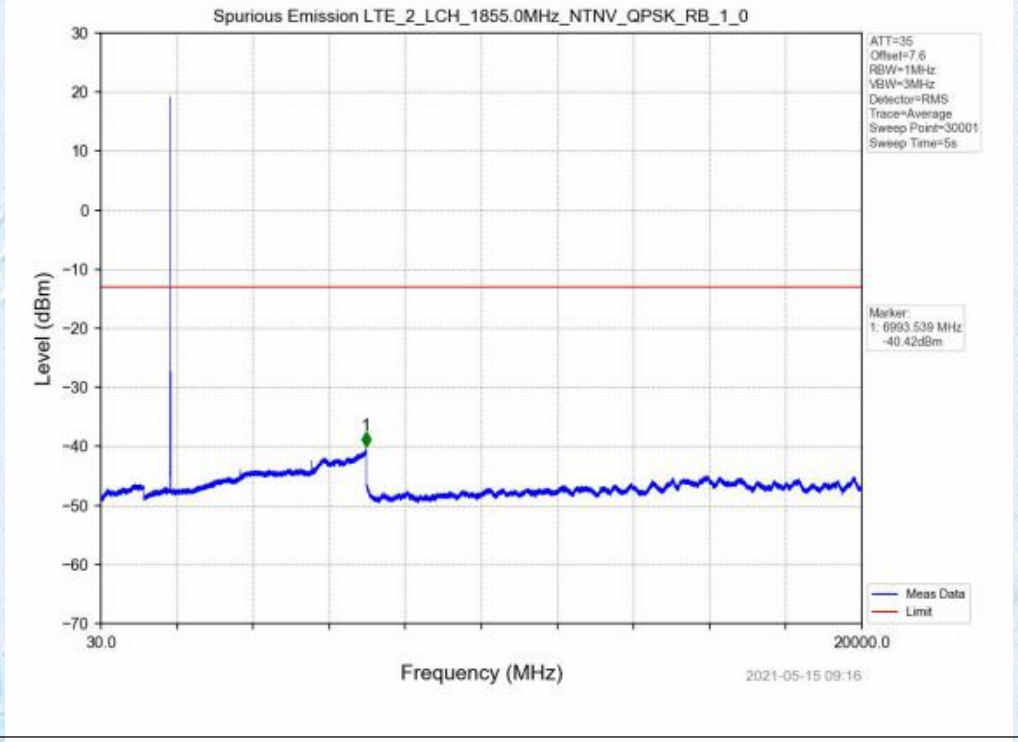

Spurious Emission LTE_2_HCH_1905.0MHz_NTNV_16QAM_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-29.28dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1900.0
1920.0
2021-05-15 09:16

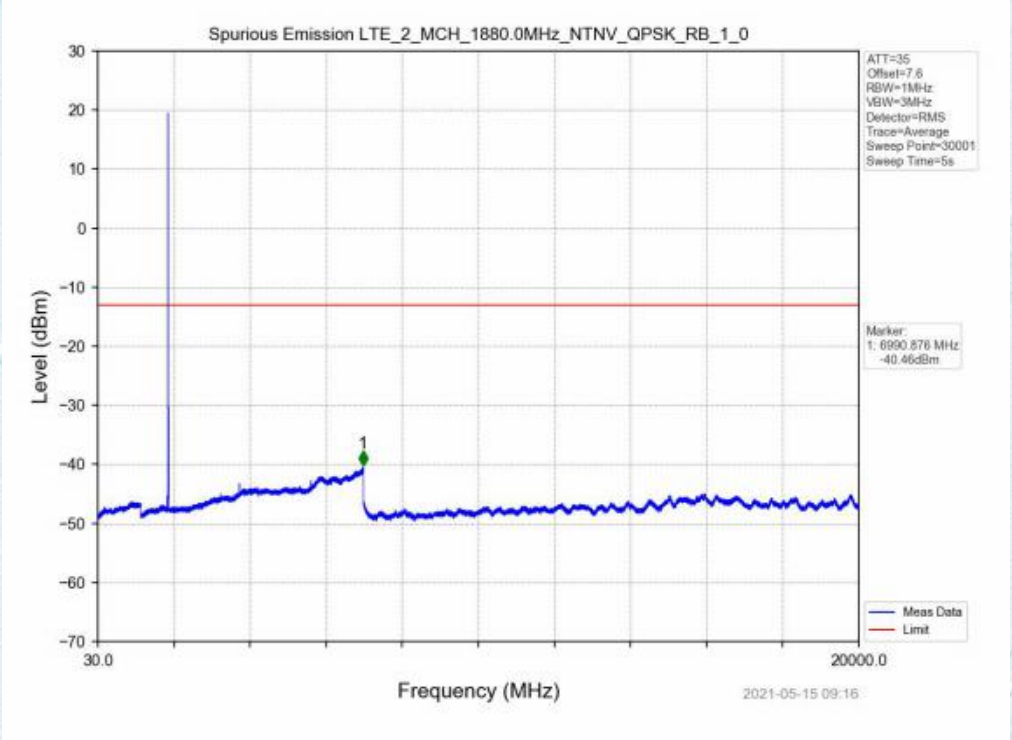

Spurious Emission LTE_2_HCH_1905.0MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6992.873 MHz
-40.55dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

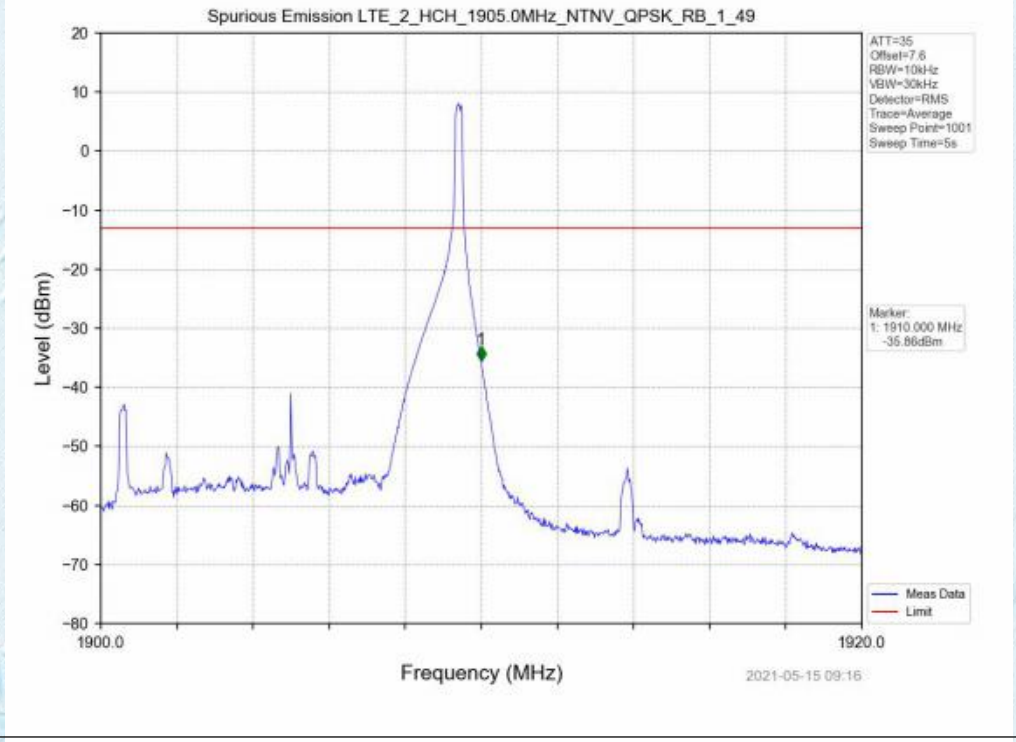

Spurious Emission LTE_2_LCH_1855.0MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-35.67dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1840.0
1860.0
2021-05-15 09:16

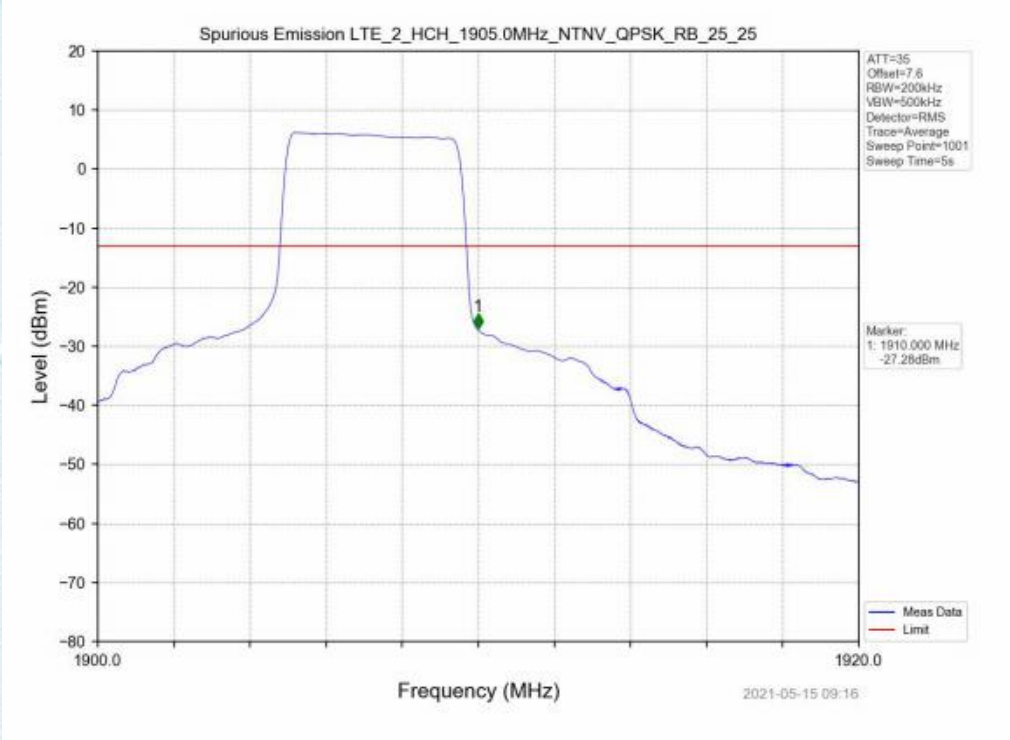

Spurious Emission LTE_2_LCH_1855.0MHz_NTNV_QPSK_RB_25_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=500kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-28.36dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1840.0
1860.0
2021-05-15 09:16

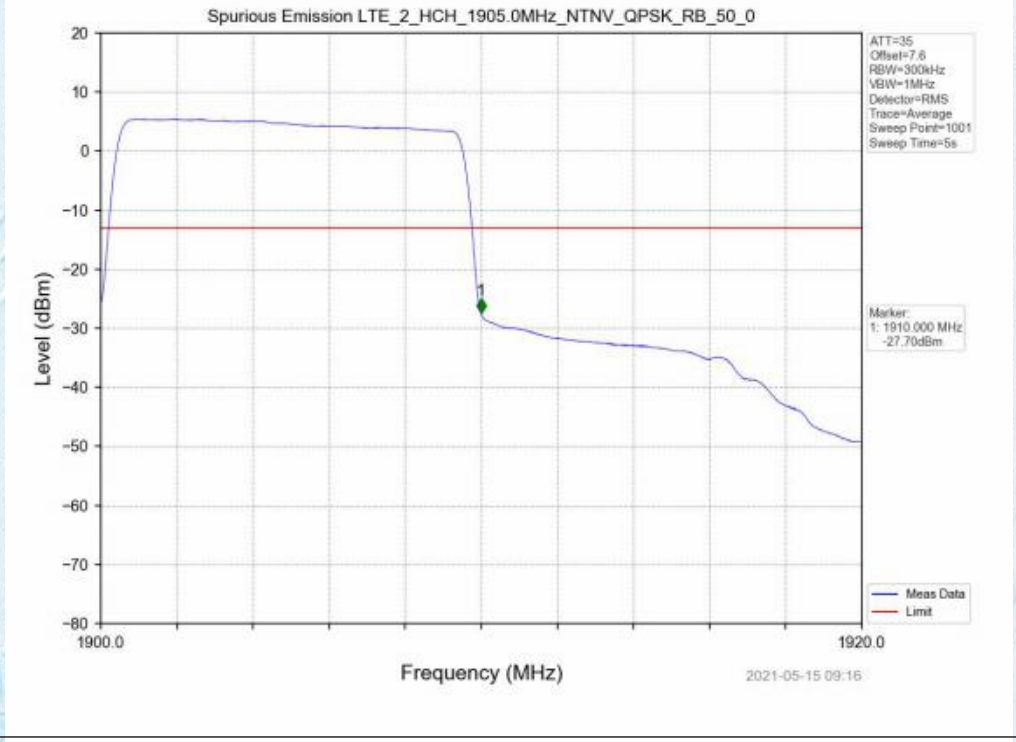

Spurious Emission LTE_2_LCH_1855.0MHz_NTNV_QPSK_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-28.20dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1840.0
1860.0
2021-05-15 09:16

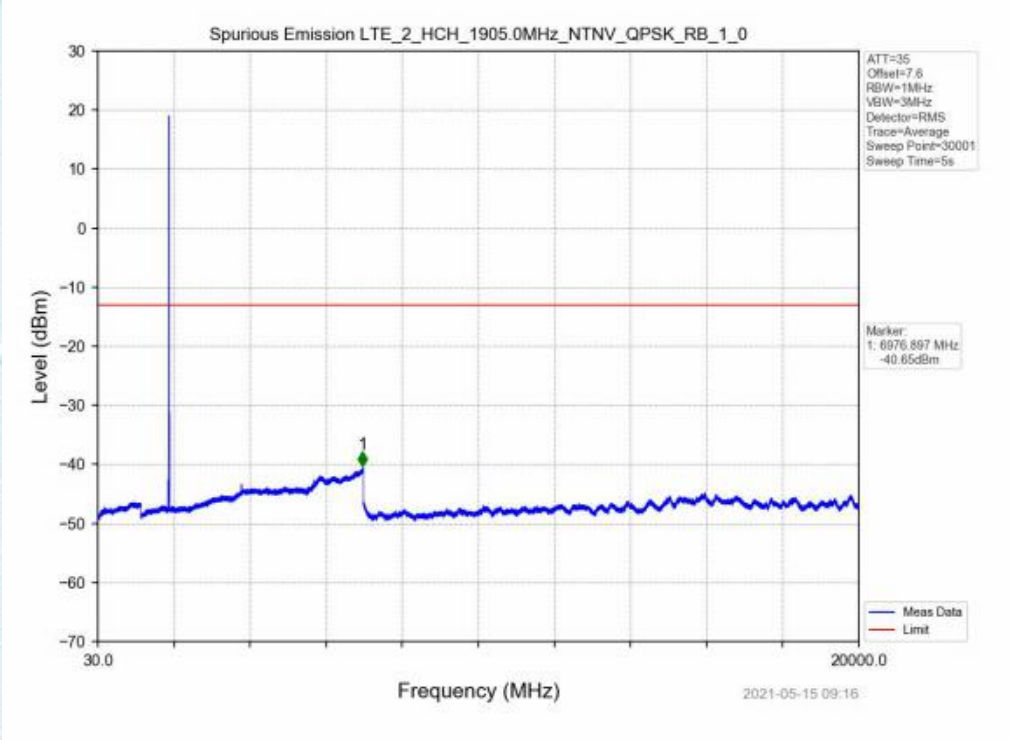

Spurious Emission LTE_2_LCH_1855.0MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6993.539 MHz
-40.42dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16


Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6990.876 MHz
-40.46dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16


Spurious Emission LTE_2_HCH_1905.0MHz_NTNV_QPSK_RB_1_49
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-35.86dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1900.0
1920.0
2021-05-15 09:16

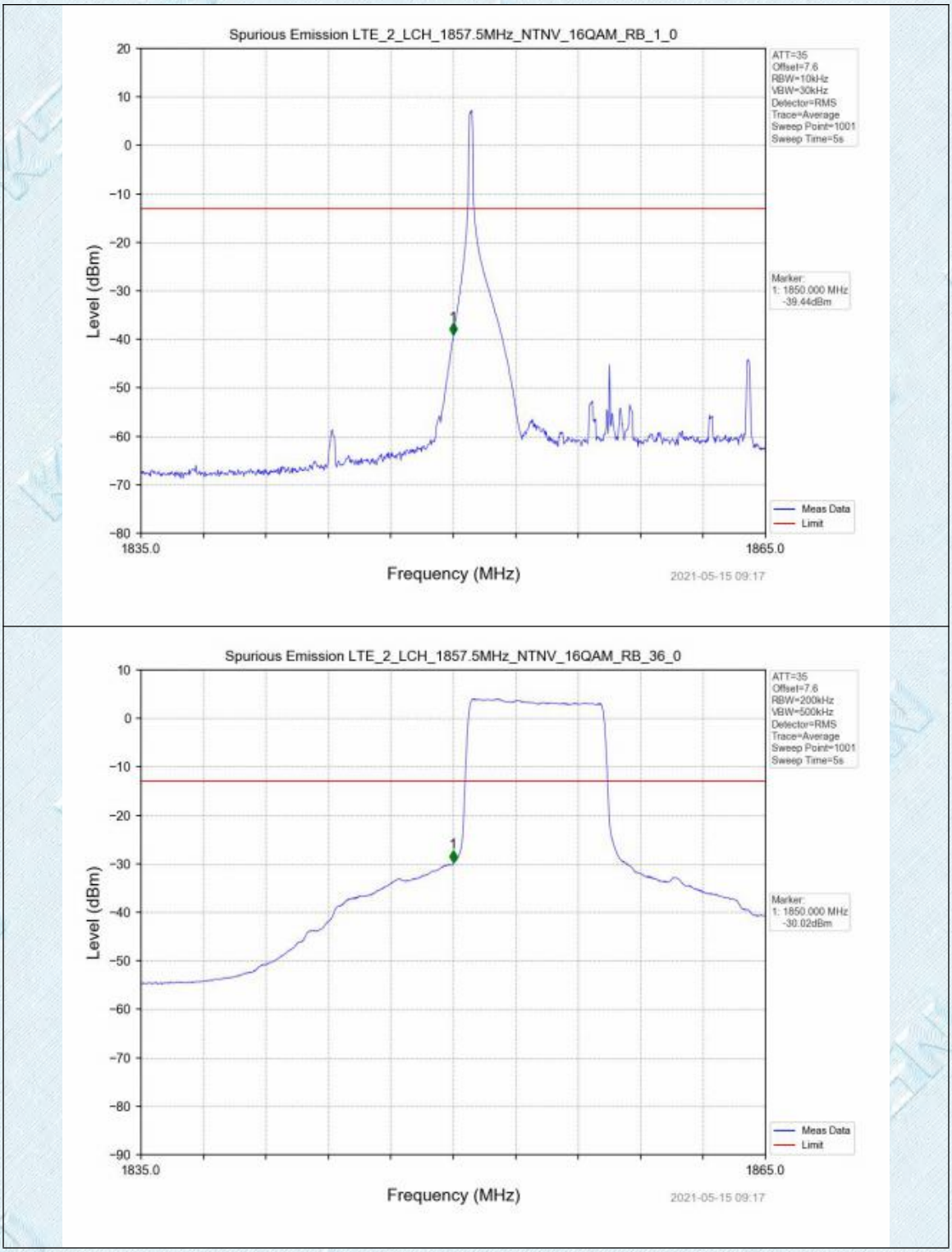

Spurious Emission LTE_2_HCH_1905.0MHz_NTNV_QPSK_RB_25_25
ATT=35
Offset=7.6
RBW=200kHz
VBW=500kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-27.28dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1900.0
1920.0
2021-05-15 09:16

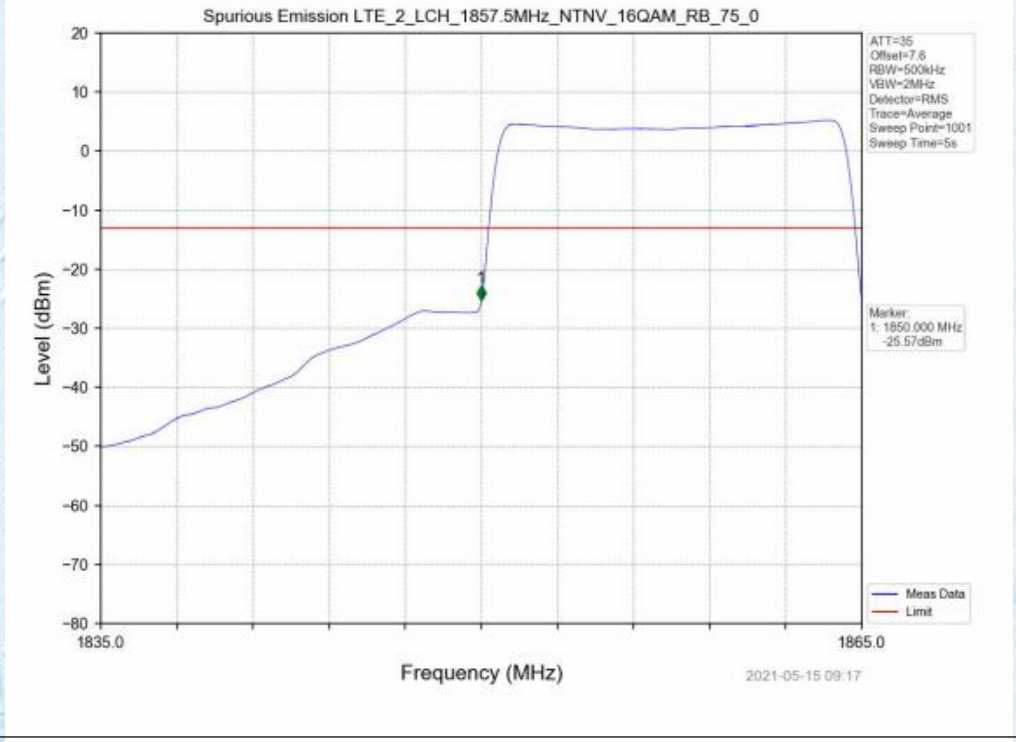

Spurious Emission LTE_2_HCH_1905.0MHz_NTNV_QPSK_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-27.70dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1900.0
1920.0
2021-05-15 09:16

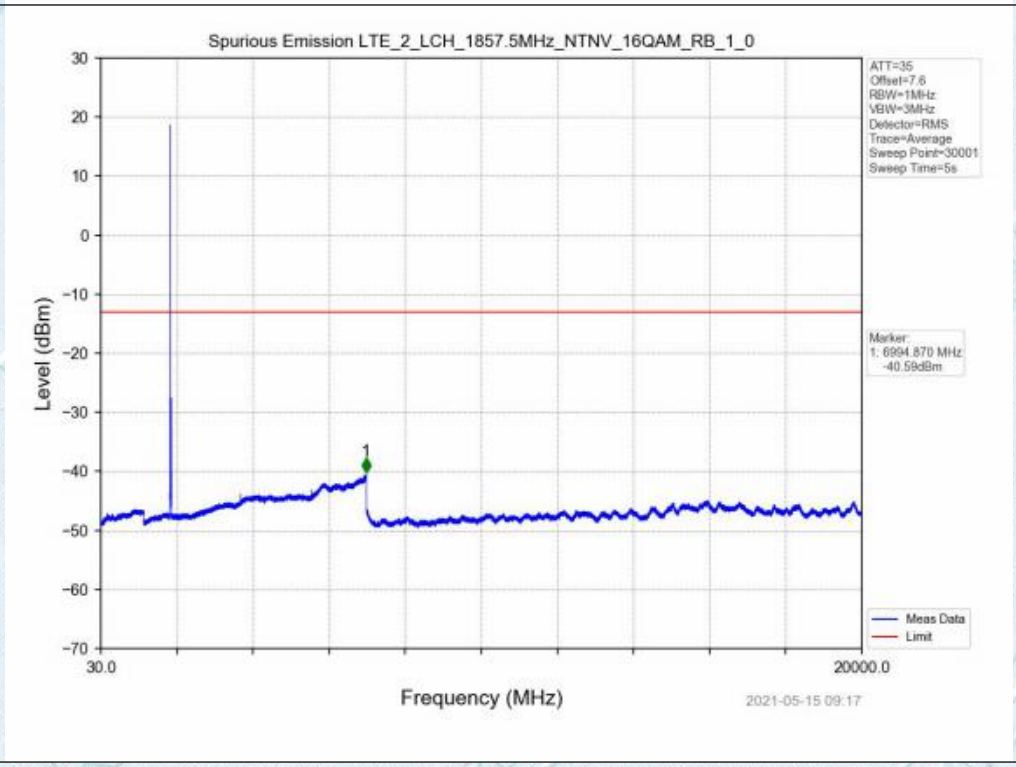

Spurious Emission LTE_2_HCH_1905.0MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6976.897 MHz
-40.65dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:16

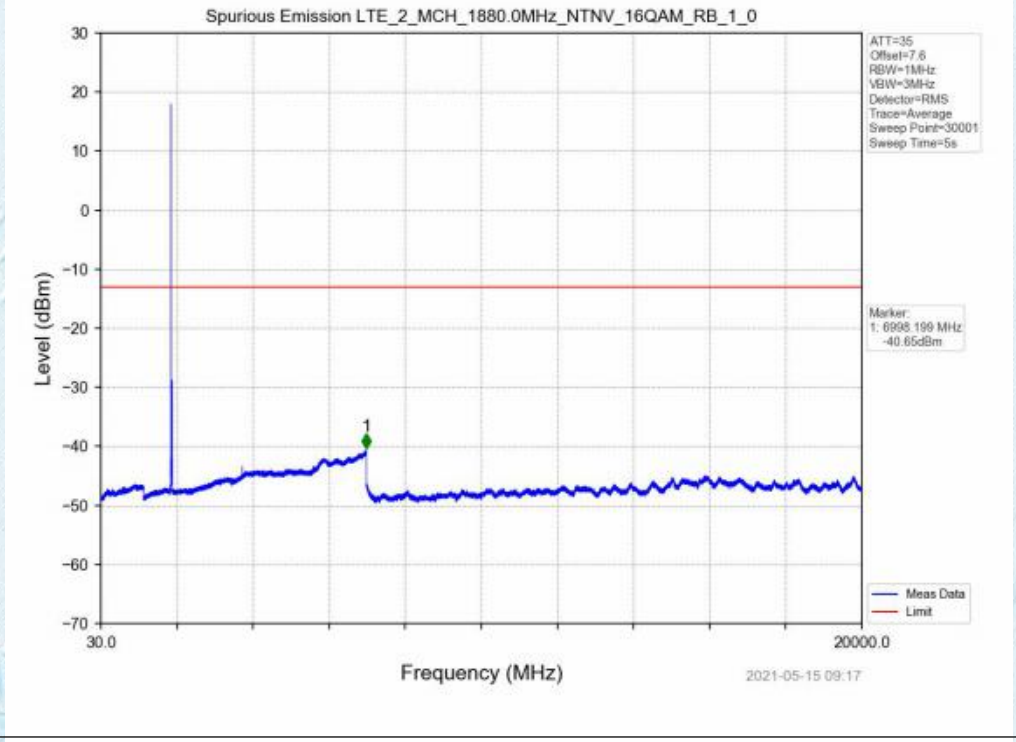
Test Band: 2 _ 15MHz Bandwidth

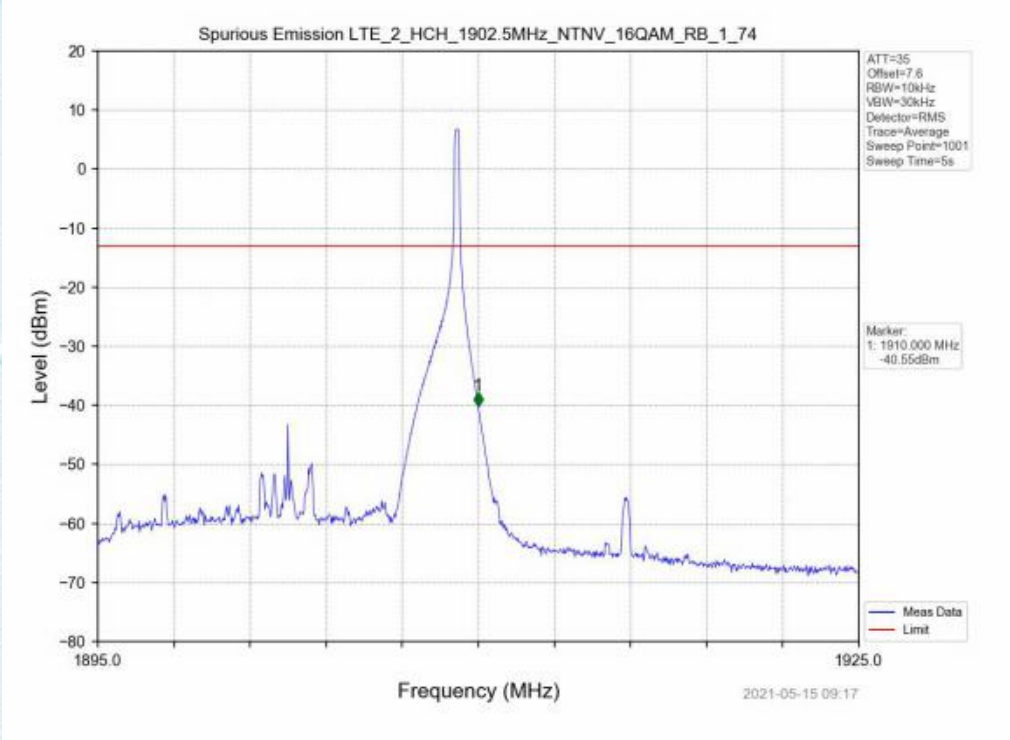
Test Graph

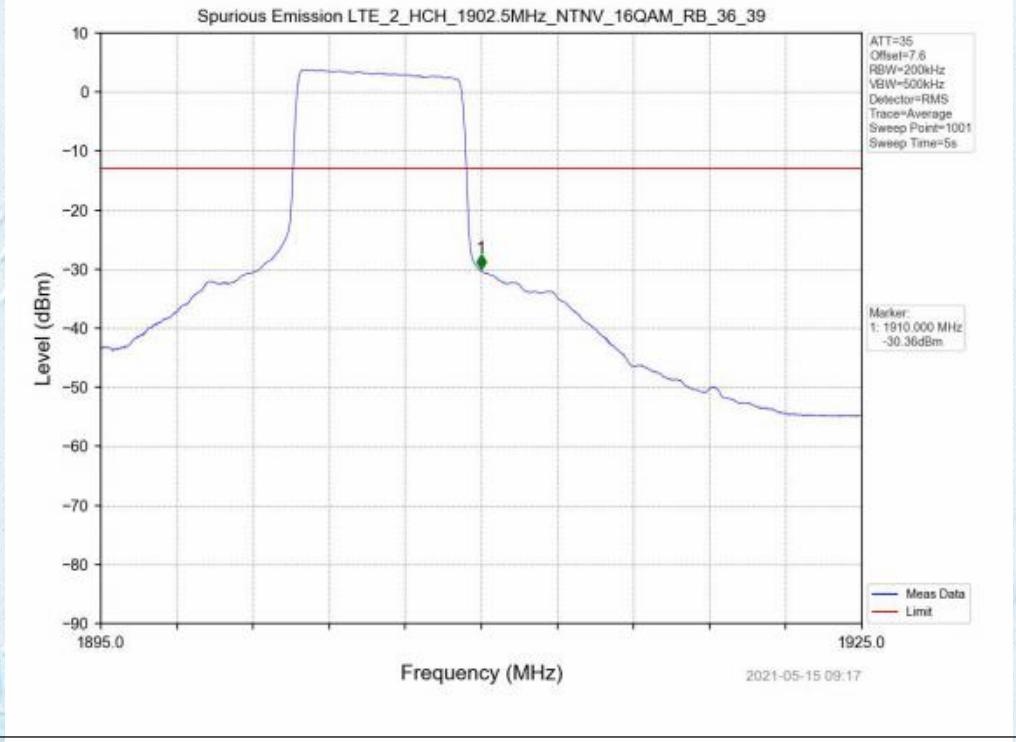


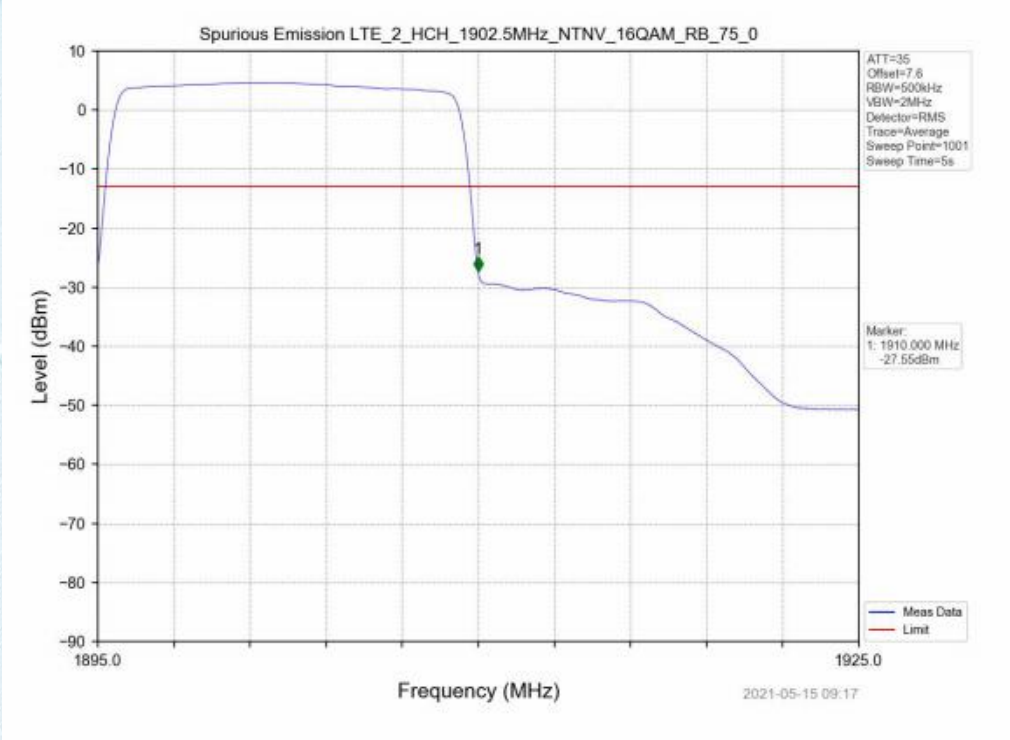

Spurious Emission LTE_2_LCH_1857.5MHz_NTNV_16QAM_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-25.57dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1835.0
1865.0
2021-05-15 09:17

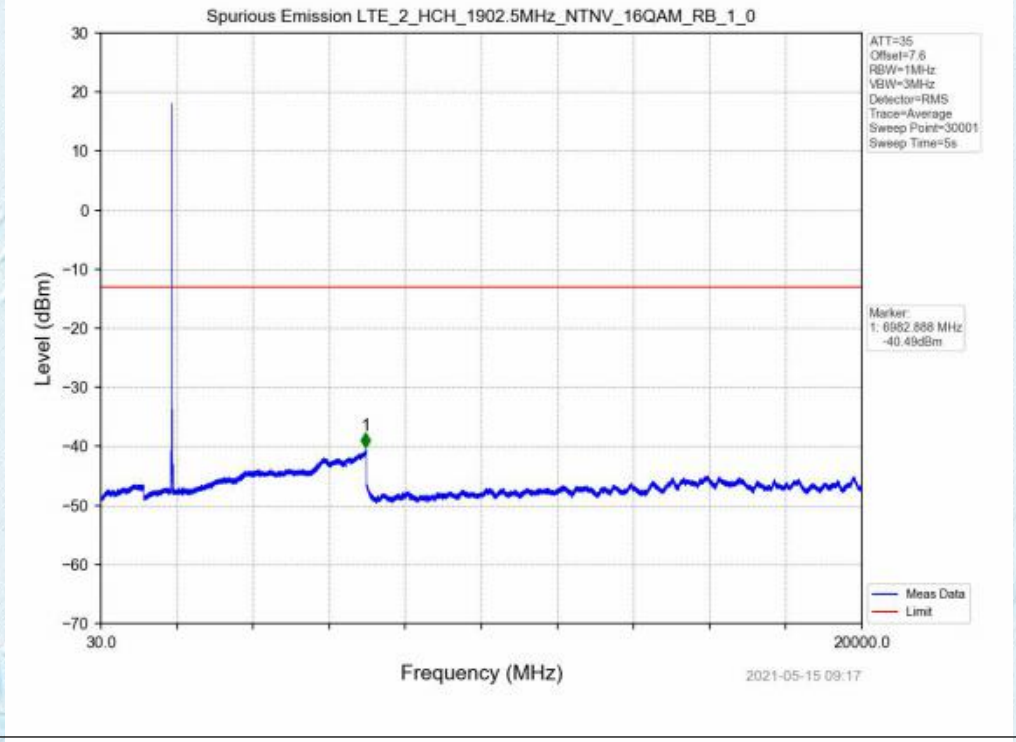

Spurious Emission LTE_2_LCH_1857.5MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6994.870 MHz
-40.59dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17

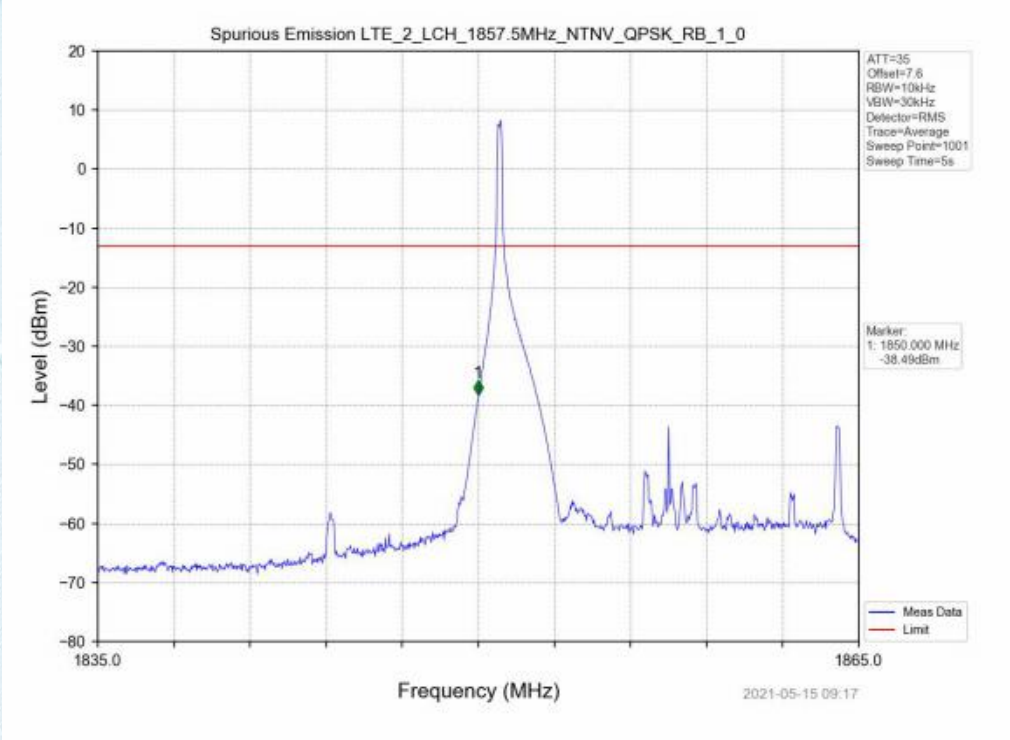

Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6998.199 MHz
-40.65dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17

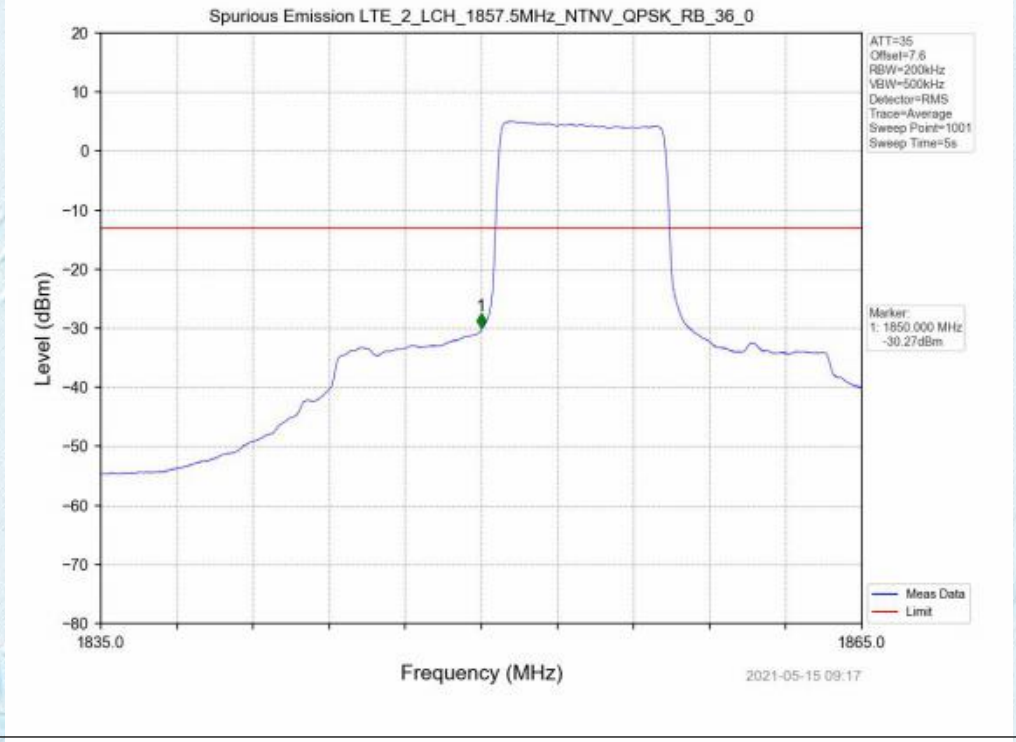

Spurious Emission LTE_2_HCH_1902.5MHz_NTNV_16QAM_RB_1_74
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-40.55dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1895.0
1925.0
2021-05-15 09:17

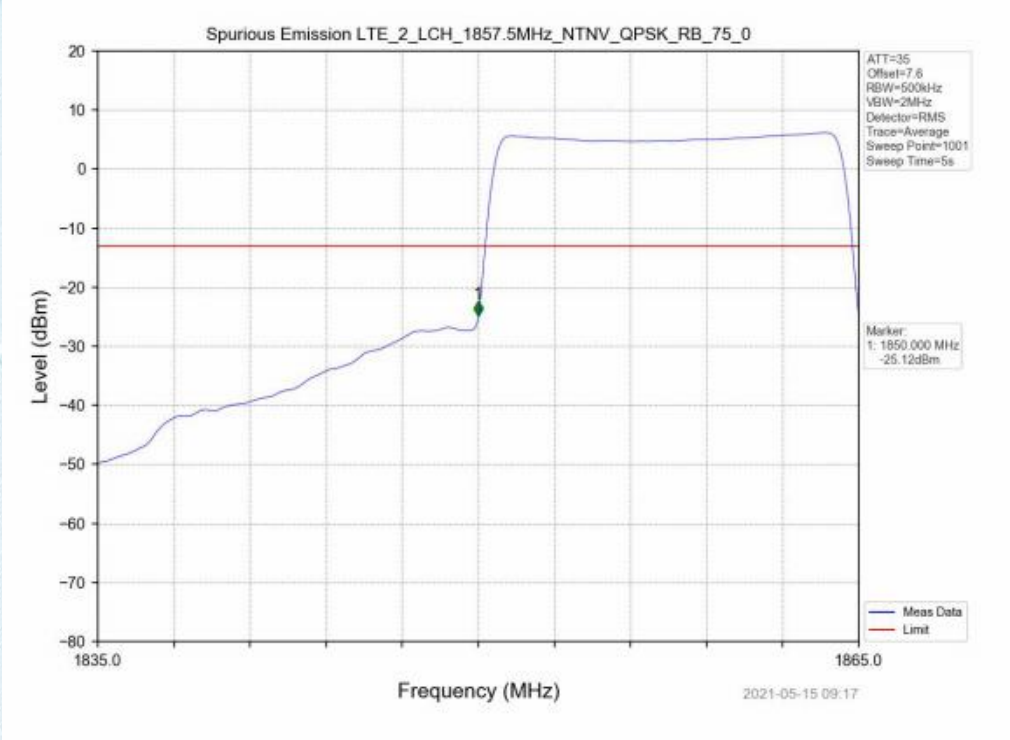

Spurious Emission LTE_2_HCH_1902.5MHz_NTNV_16QAM_RB_36_39
ATT=35
Offset=7.6
RBW=200kHz
VBW=500kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-30.36dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1895.0
1925.0
2021-05-15 09:17

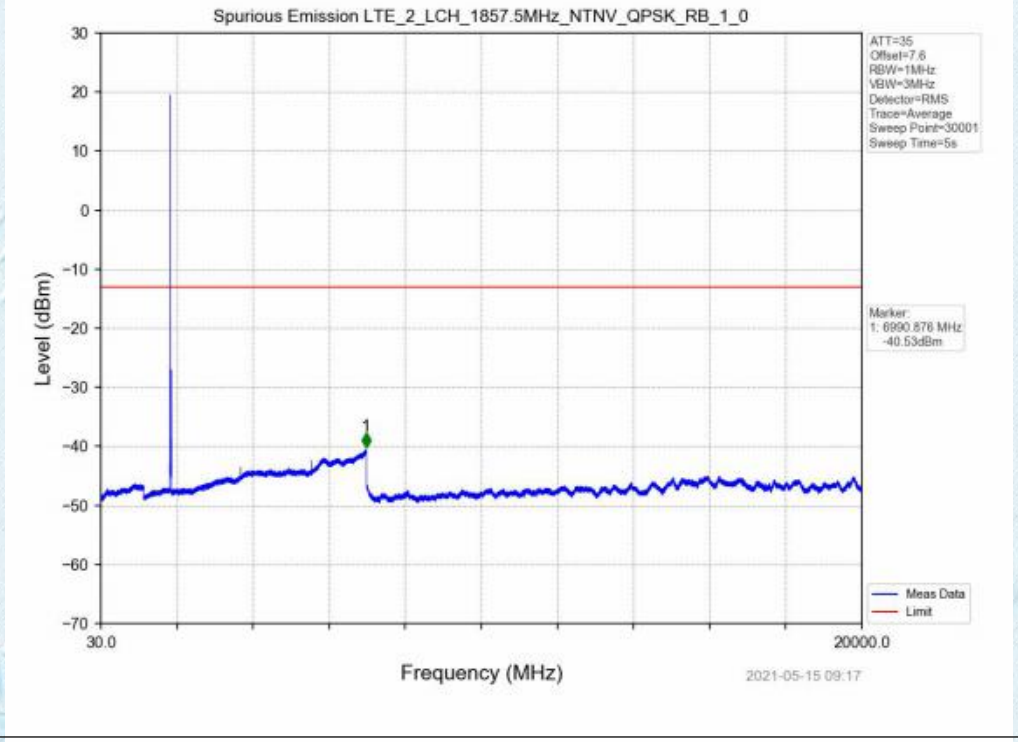

Spurious Emission LTE_2_HCH_1902.5MHz_NTNV_16QAM_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-27.55dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1895.0
1925.0
2021-05-15 09:17

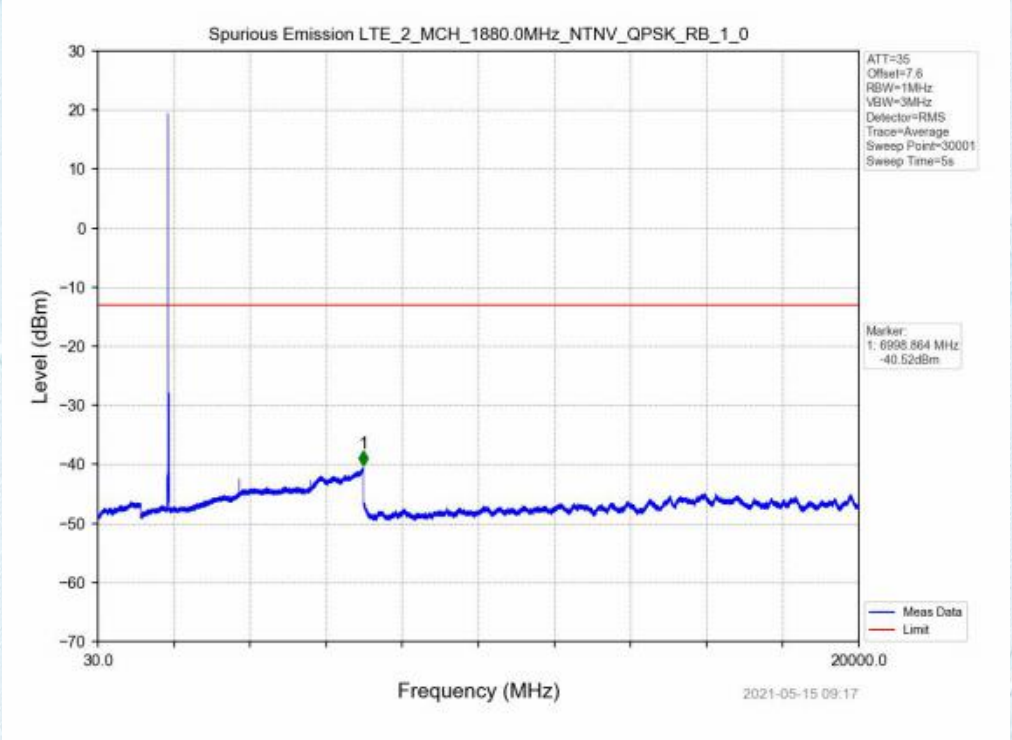

Spurious Emission LTE_2_HCH_1902.5MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6982.888 MHz
-40.49dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17

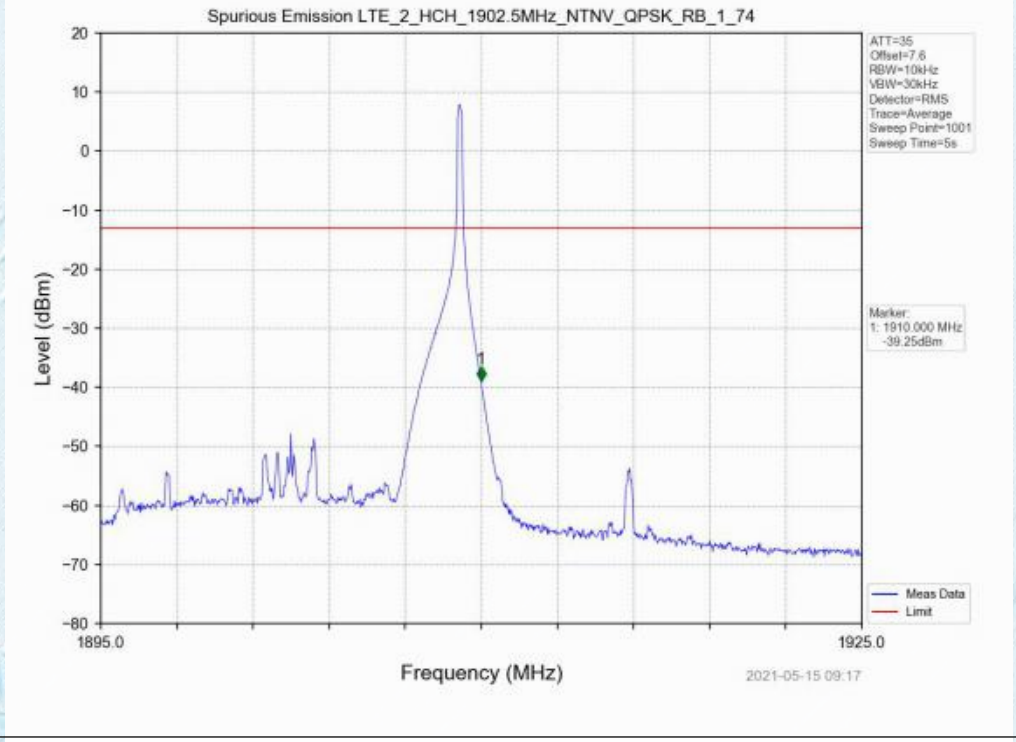

Spurious Emission LTE_2_LCH_1857.5MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-38.49dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1835.0
1865.0
2021-05-15 09:17

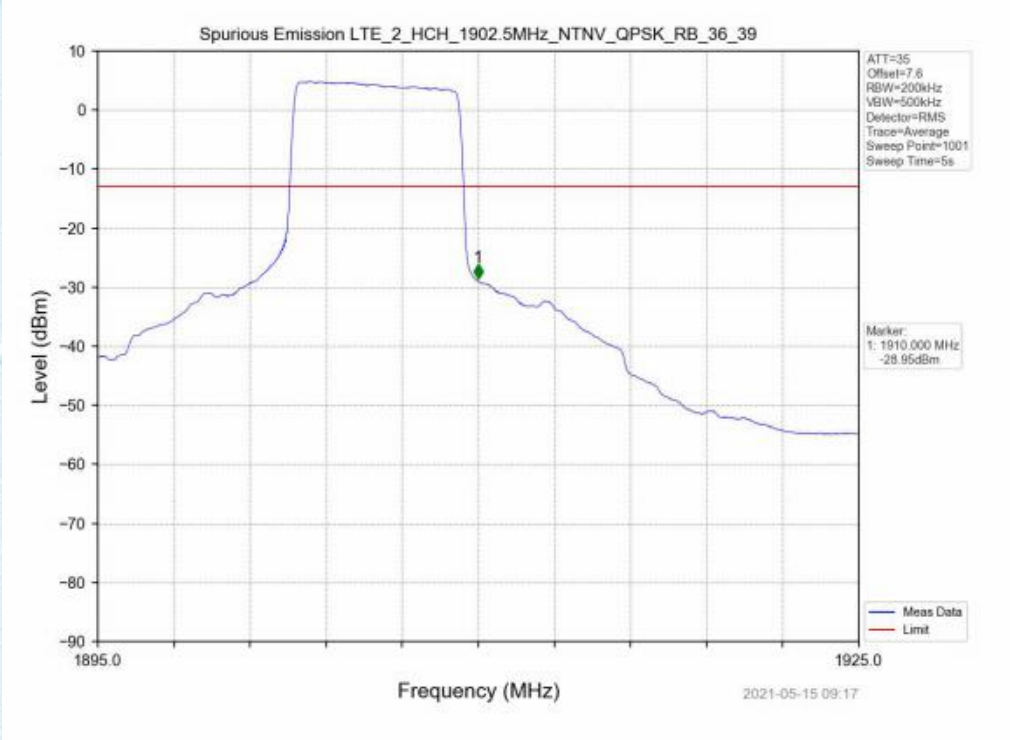

Spurious Emission LTE_2_LCH_1857.5MHz_NTNV_QPSK_RB_36_0
ATT=35
Offset=7.6
RBW=200kHz
VBW=500kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-30.27dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1835.0
1865.0
2021-05-15 09:17

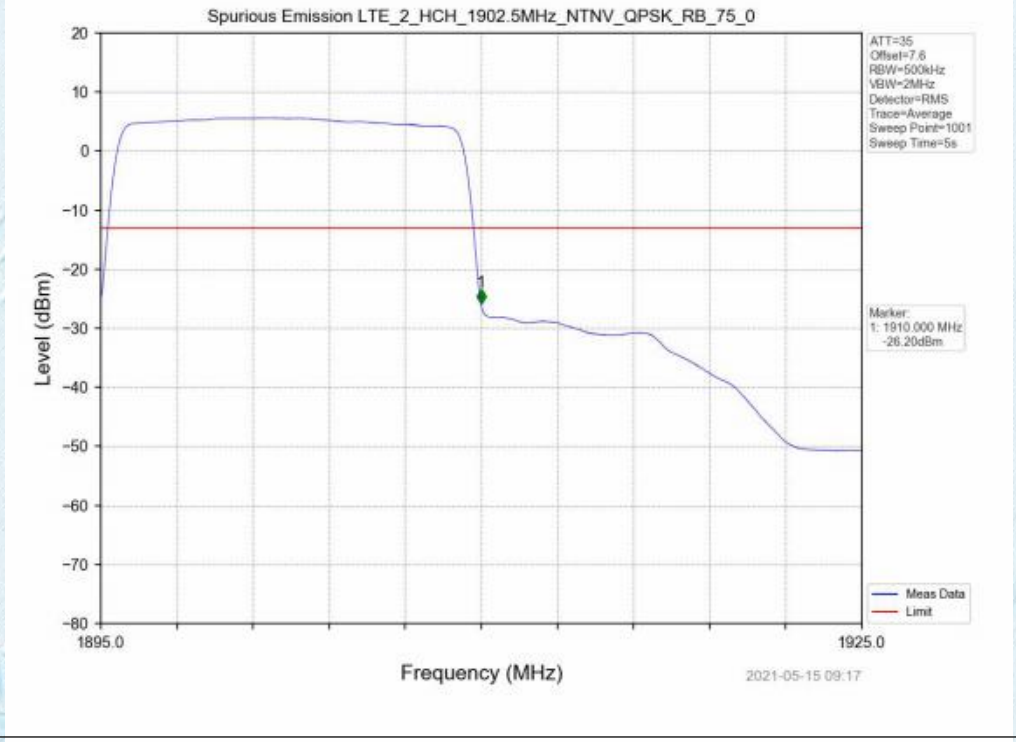

Spurious Emission LTE_2_LCH_1857.5MHz_NTNV_QPSK_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-25.12dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1835.0
1865.0
2021-05-15 09:17

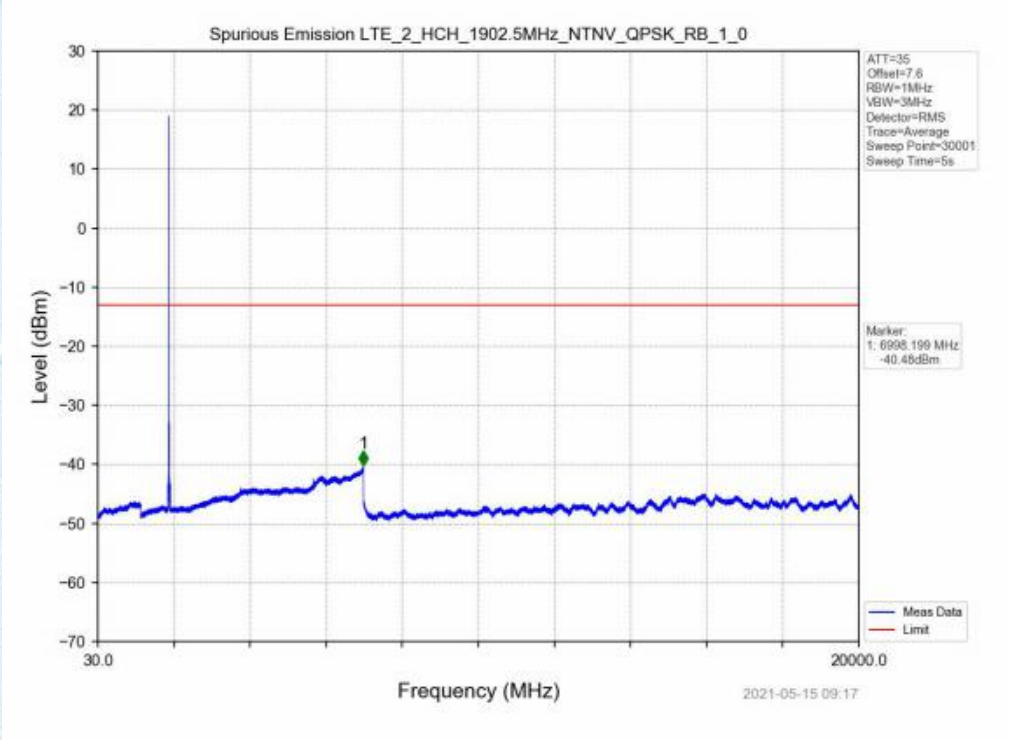

Spurious Emission LTE_2_LCH_1857.5MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6990.876 MHz
-40.53dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17


Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6998.864 MHz
-40.52dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17


Spurious Emission LTE_2_HCH_1902.5MHz_NTNV_QPSK_RB_1_74
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-39.25dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1895.0
1925.0
2021-05-15 09:17

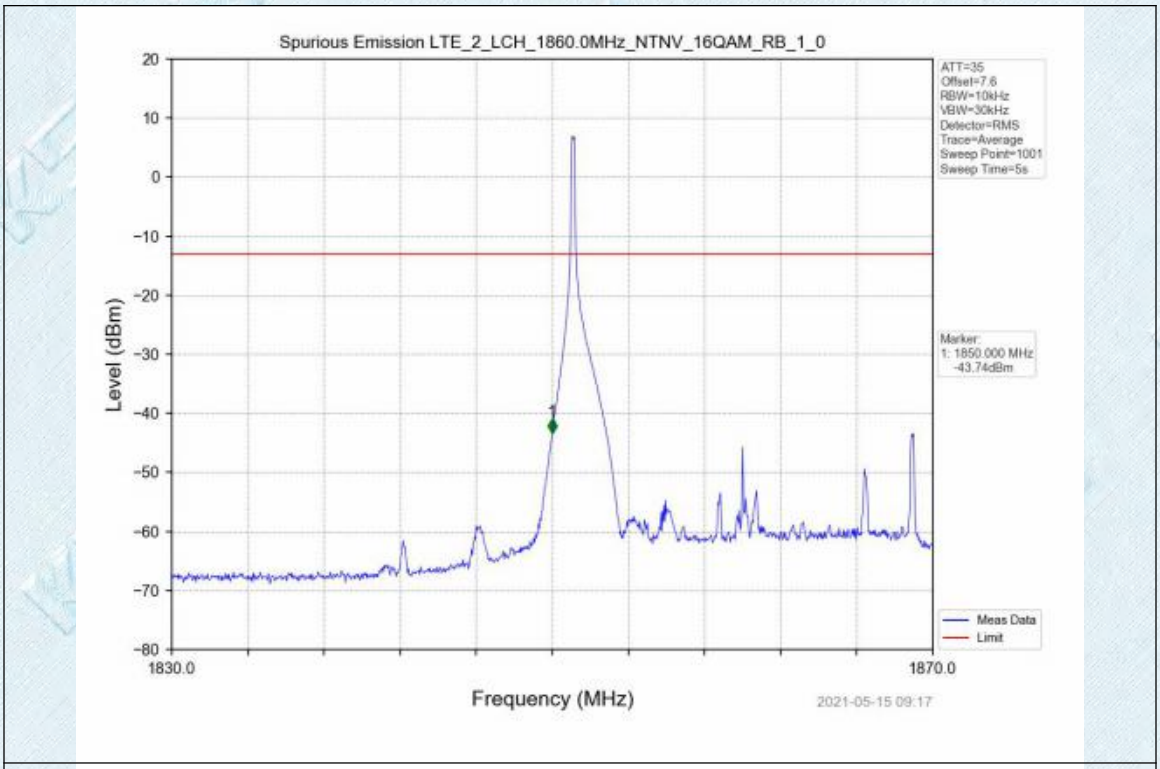

Spurious Emission LTE_2_HCH_1902.5MHz_NTNV_QPSK_RB_36_39
ATT=35
Offset=7.6
RBW=200kHz
VBW=500kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-28.95dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1895.0
1925.0
2021-05-15 09:17

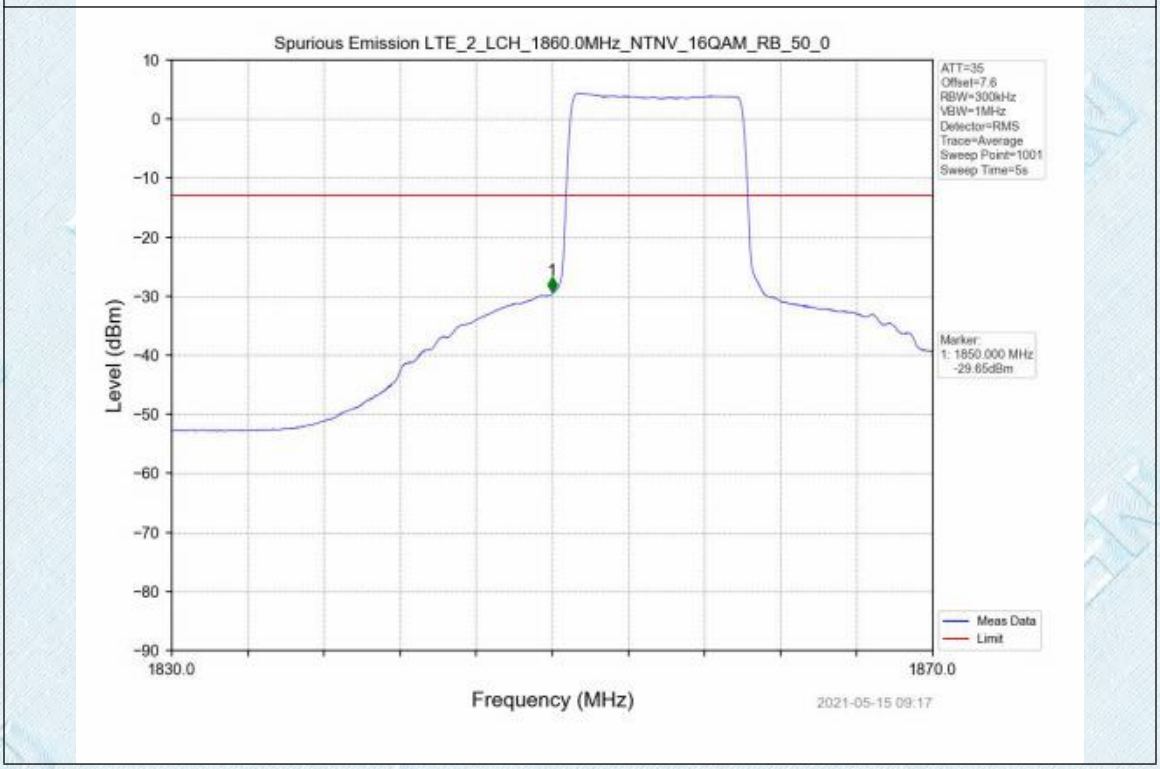

Spurious Emission LTE_2_HCH_1902.5MHz_NTNV_QPSK_RB_75_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-26.20dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1895.0
1925.0
2021-05-15 09:17

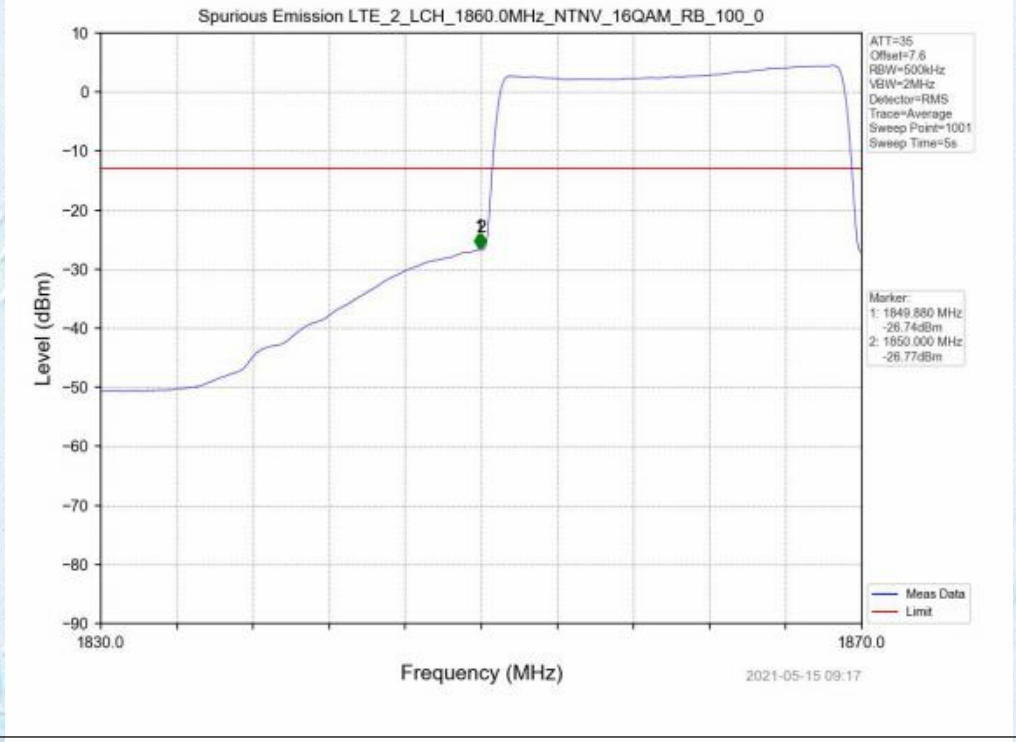

Spurious Emission LTE_2_HCH_1902.5MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6998.199 MHz
-40.48dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17

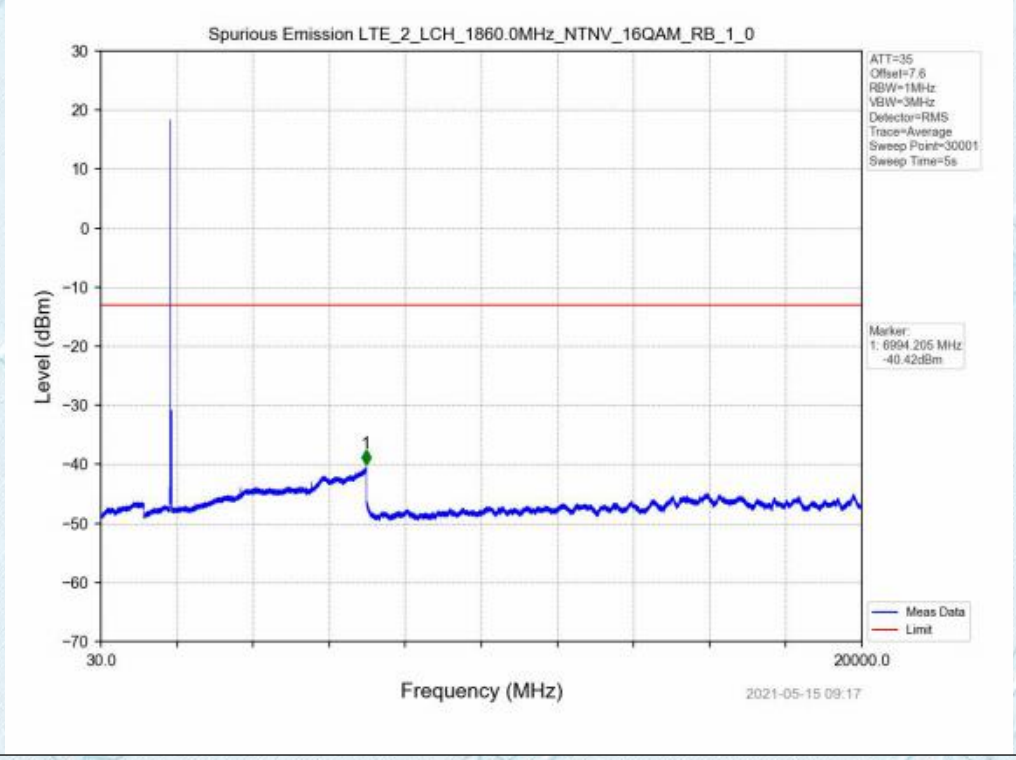
Test Band: 2 _ 20MHz Bandwidth

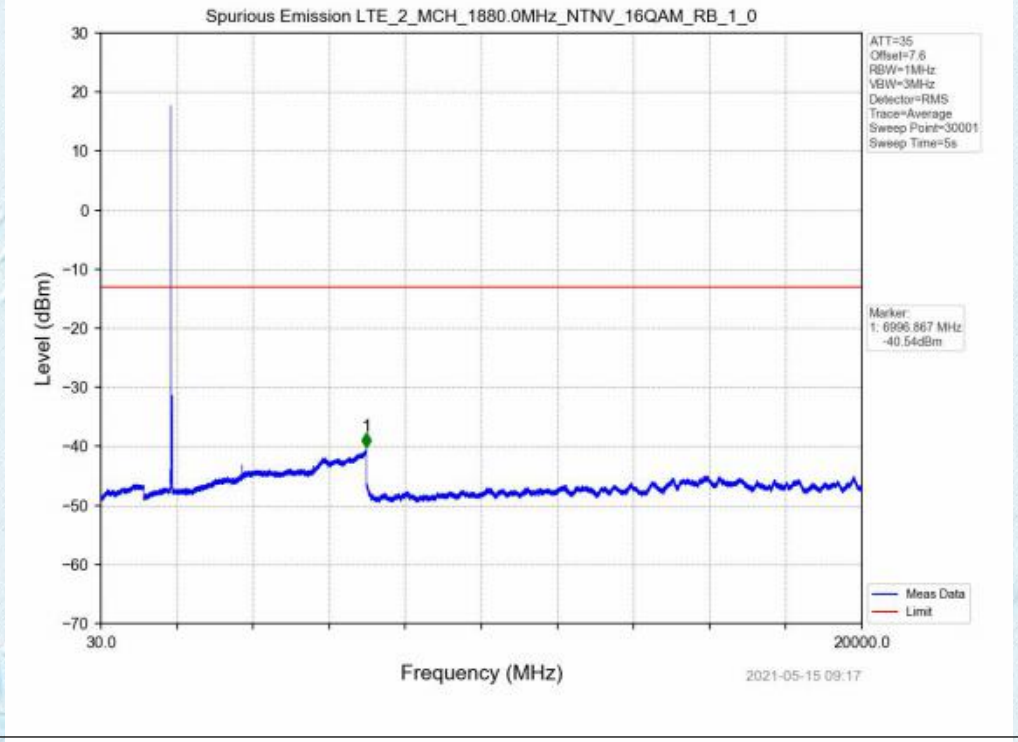
Test Graph

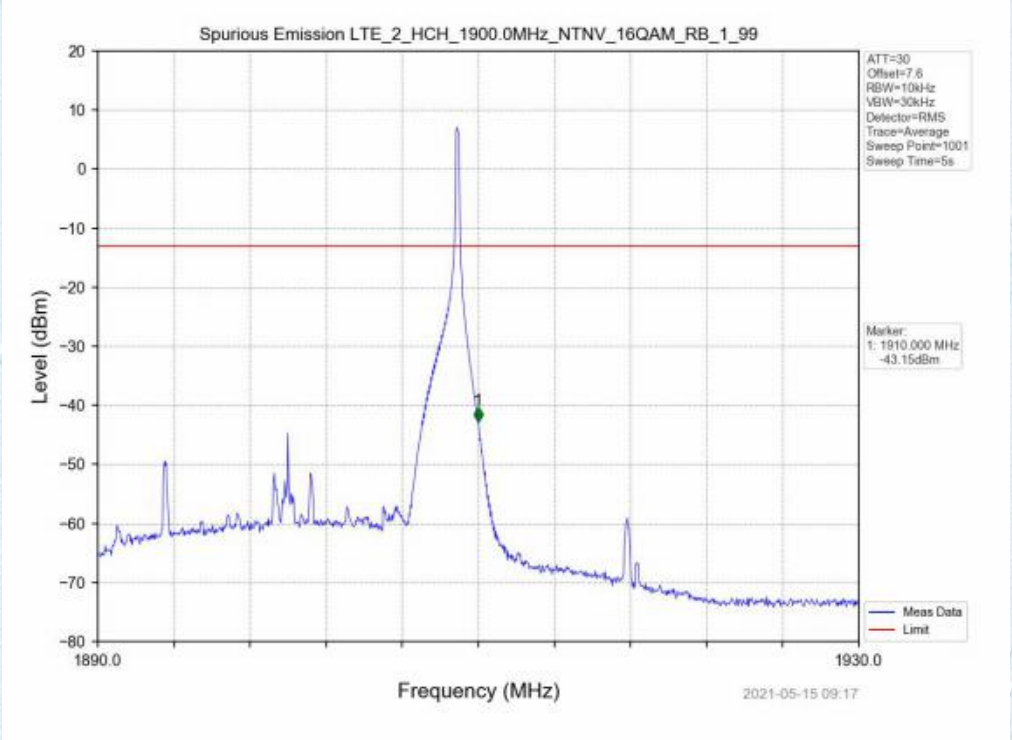


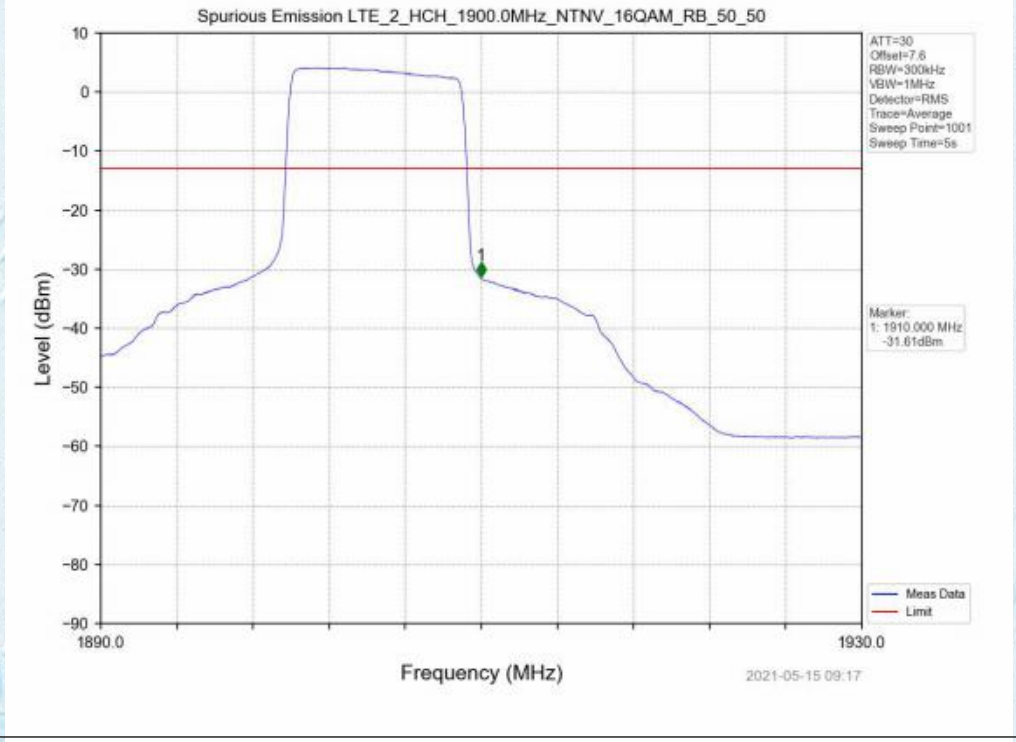


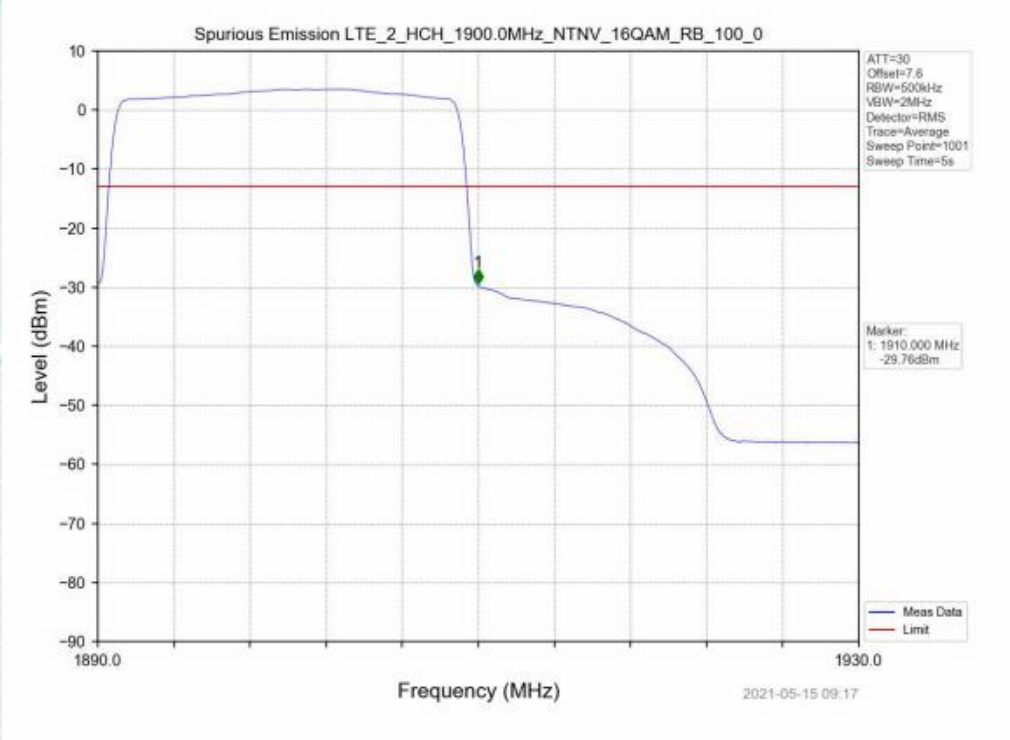

Spurious Emission LTE_2_LCH_1860.0MHz_NTNV_16QAM_RB_100_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker:
1: 1849.880 MHz
-26.74dBm
2: 1850.000 MHz
-26.77dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1830.0
1870.0
2021-05-15 09:17

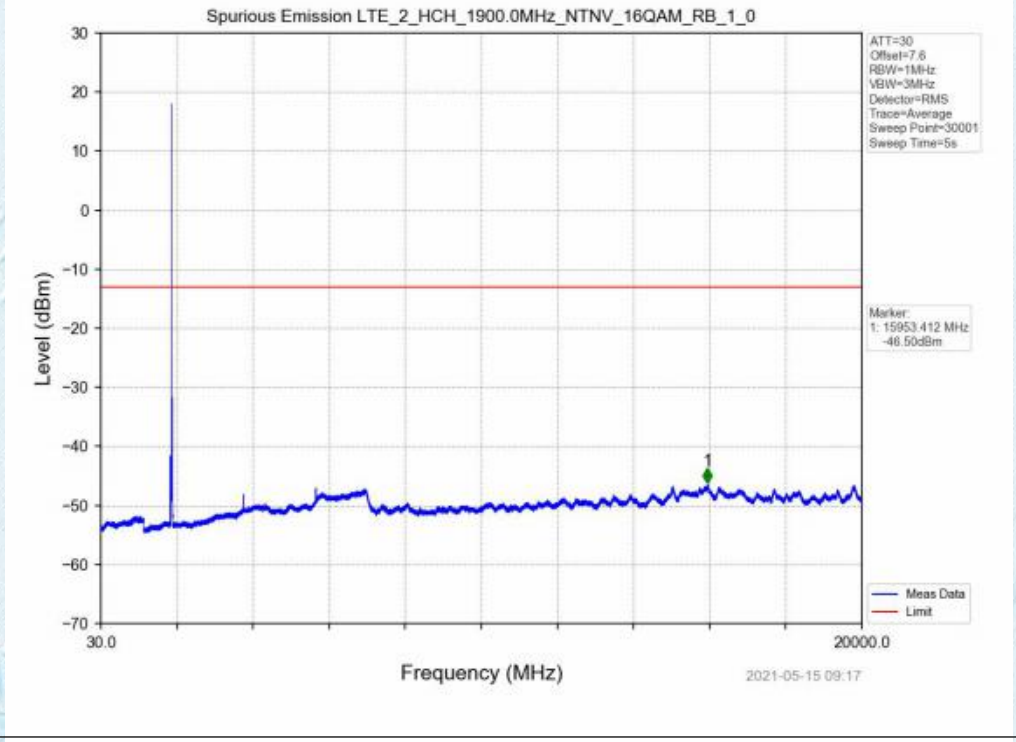

Spurious Emission LTE_2_LCH_1860.0MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker:
1: 6994.205 MHz
-40.42dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17

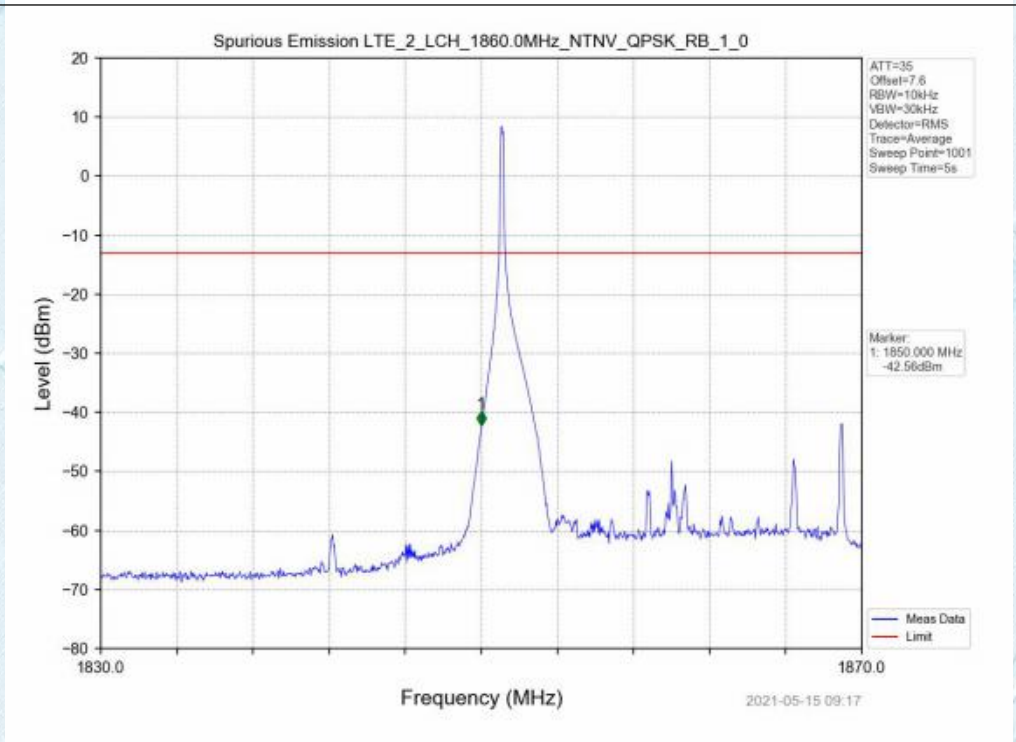

Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_16QAM_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6996.867 MHz
-40.54dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17

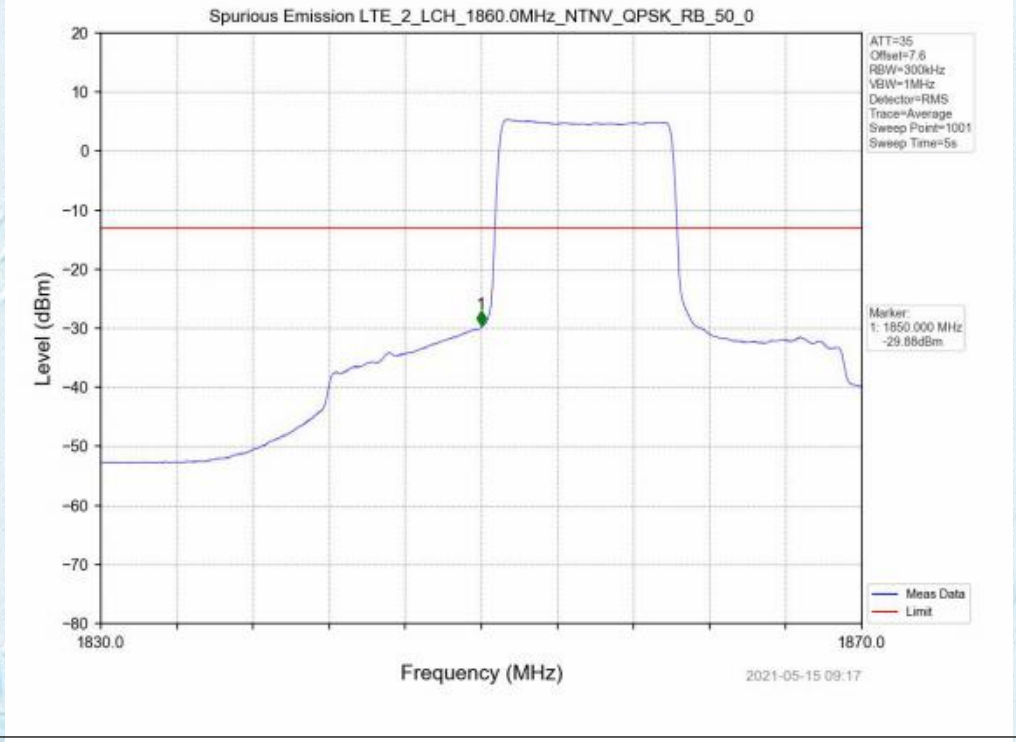

Spurious Emission LTE_2_HCH_1900.0MHz_NTNV_16QAM_RB_1_99
ATT=30
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-43.15dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1890.0
1930.0
2021-05-15 09:17

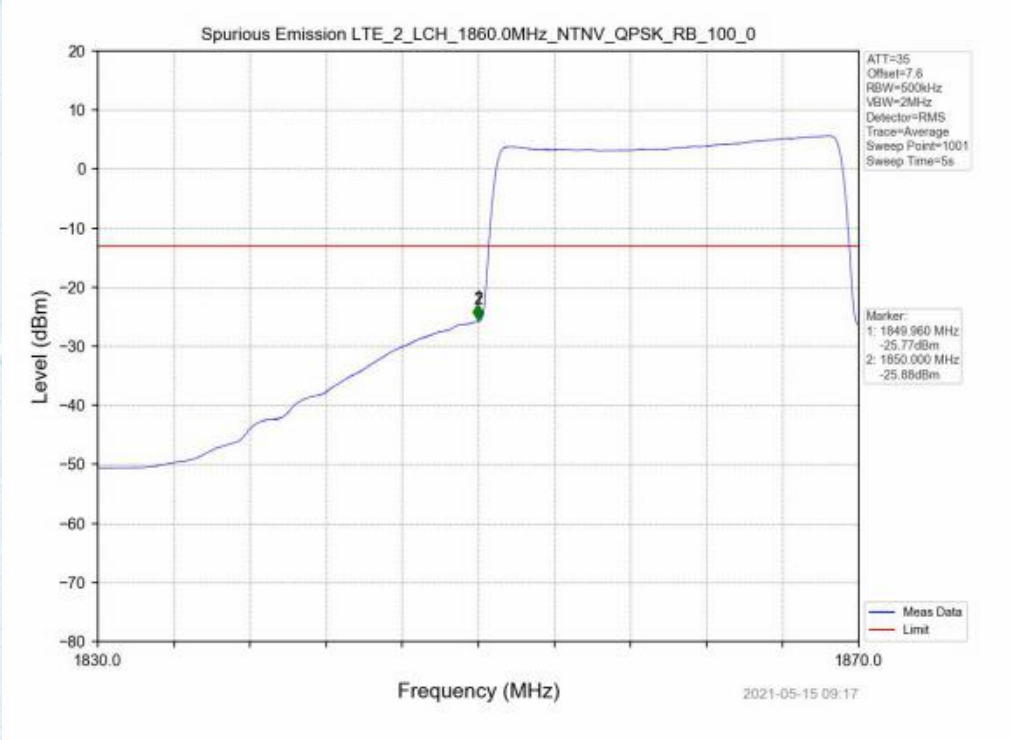

Spurious Emission LTE_2_HCH_1900.0MHz_NTNV_16QAM_RB_50_50
ATT=30
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker:
1: 1910.000 MHz
-31.61dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1890.0
1930.0
2021-05-15 09:17

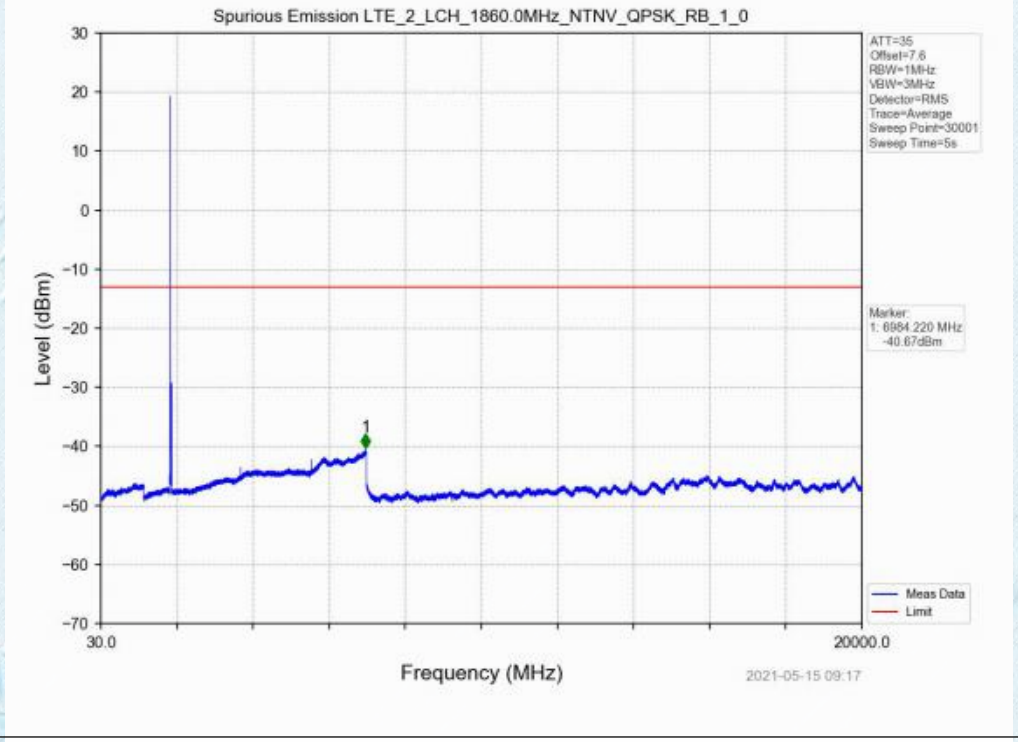

Spurious Emission LTE_2_HCH_1900.0MHz_NTNV_16QAM_RB_100_0
ATT=30
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker:
1: 1910.000 MHz
-29.76dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1890.0
1930.0
2021-05-15 09:17

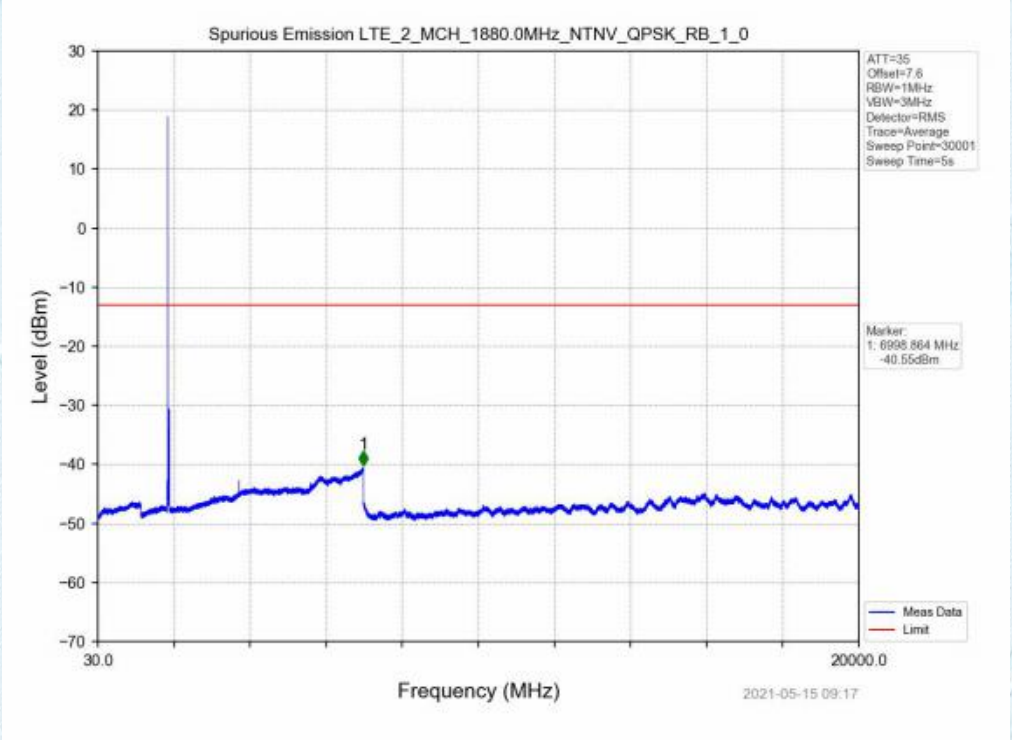

Spurious Emission LTE_2_HCH_1900.0MHz_NTNV_16QAM_RB_1_0
ATT=30
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 15953.412 MHz
-46.50dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17

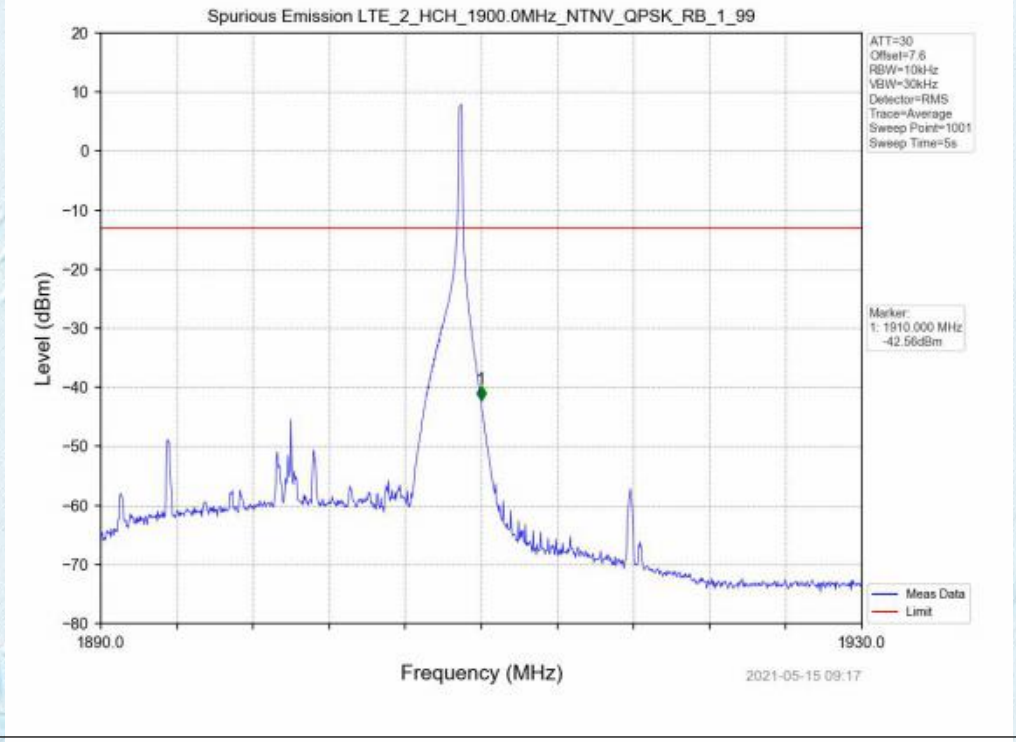

Spurious Emission LTE_2_LCH_1860.0MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-42.56dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1830.0
1870.0
2021-05-15 09:17

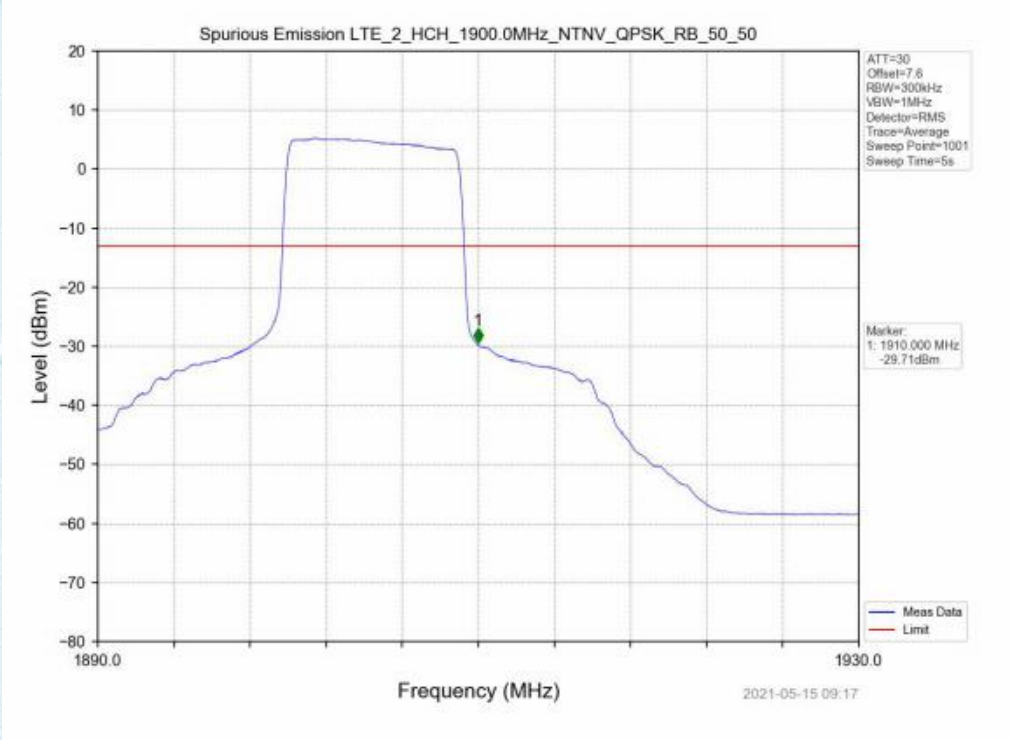

Spurious Emission LTE_2_LCH_1860.0MHz_NTNV_QPSK_RB_50_0
ATT=35
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1850.000 MHz
-29.88dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1830.0
1870.0
2021-05-15 09:17

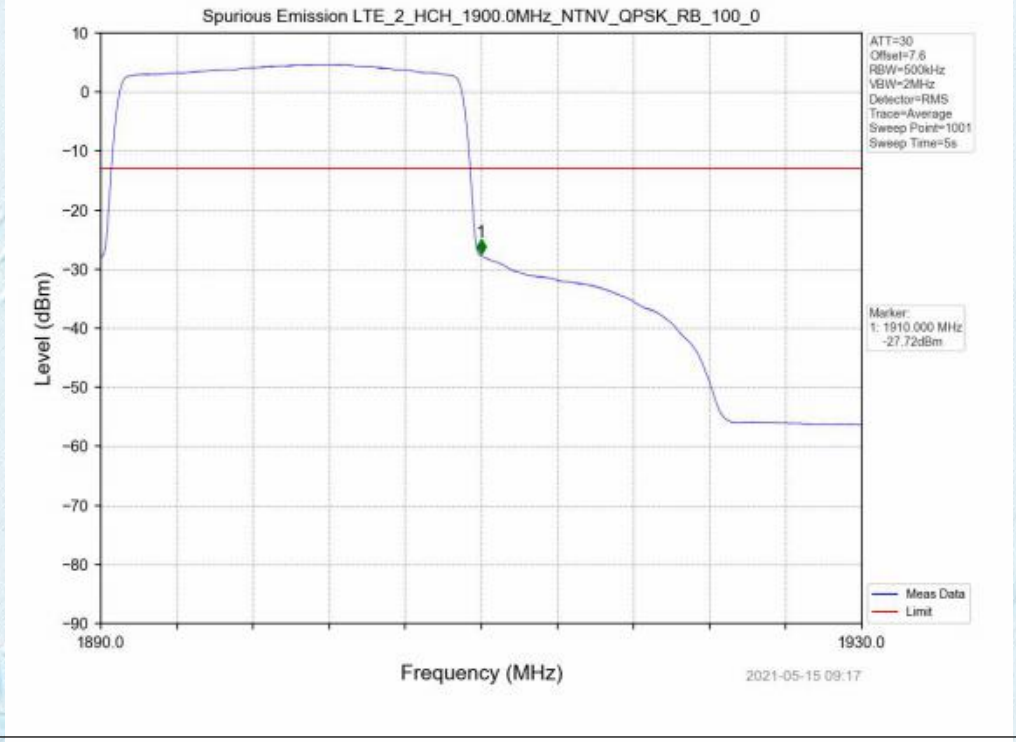

Spurious Emission LTE_2_LCH_1860.0MHz_NTNV_QPSK_RB_100_0
ATT=35
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1849.960 MHz
-25.77dBm
2: 1850.000 MHz
-25.88dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1830.0
1870.0
2021-05-15 09:17

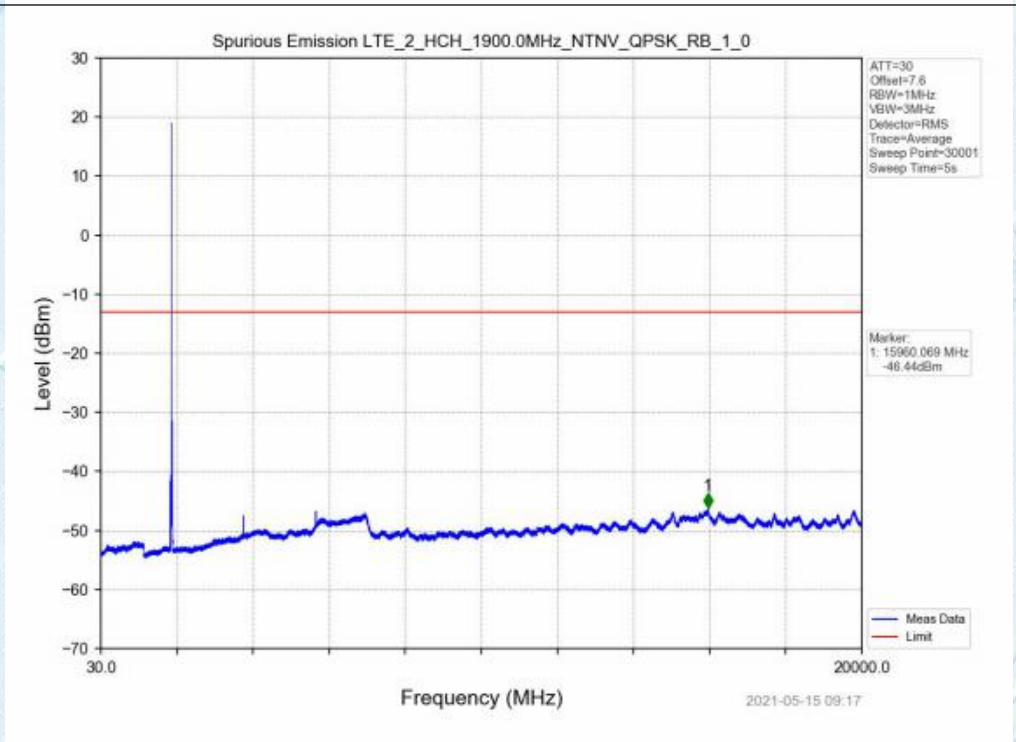

Spurious Emission LTE_2_LCH_1860.0MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6984.220 MHz
-40.67dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17


Spurious Emission LTE_2_MCH_1880.0MHz_NTNV_QPSK_RB_1_0
ATT=35
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 6998.864 MHz
-40.55dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17


Spurious Emission LTE_2_HCH_1900.0MHz_NTNV_QPSK_RB_1_99
ATT=30
Offset=7.6
RBW=10kHz
VBW=30kHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-42.56dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1890.0
1930.0
2021-05-15 09:17


Spurious Emission LTE_2_HCH_1900.0MHz_NTNV_QPSK_RB_50_50
ATT=30
Offset=7.6
RBW=300kHz
VBW=1MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-29.71dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1890.0
1930.0
2021-05-15 09:17


Spurious Emission LTE_2_HCH_1900.0MHz_NTNV_QPSK_RB_100_0
ATT=30
Offset=7.6
RBW=500kHz
VBW=2MHz
Detector=RMS
Trace=Average
Sweep Point=1001
Sweep Time=5s
Marker
1: 1910.000 MHz
-27.72dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
1890.0
1930.0
2021-05-15 09:17


Spurious Emission LTE_2_HCH_1900.0MHz_NTNV_QPSK_RB_1_0
ATT=30
Offset=7.6
RBW=1MHz
VBW=3MHz
Detector=RMS
Trace=Average
Sweep Point=30001
Sweep Time=5s
Marker
1: 15960.069 MHz
-46.44dBm
Meas Data
Limit
Level (dBm)
Frequency (MHz)
30.0
20000.0
2021-05-15 09:17

5.Frequency stability

Test Result

Test Band: 2 _ 1.4MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	6	0	NT	LV	-10.57	-2.59	-9.67	-0.01	0.00	-0.01	2.50	PASS
				NV	-13.32	-11.64	-0.63	-0.01	-0.01	0.00	2.50	PASS
				HV	-4.12	-4.96	-12.45	0.00	0.00	-0.01	2.50	PASS
16QAM	6	0	NT	LV	-12.30	-11.84	-2.29	-0.01	-0.01	0.00	2.50	PASS
				NV	-7.82	-15.95	-14.10	0.00	-0.01	-0.01	2.50	PASS
				HV	-14.05	-6.04	-7.51	-0.01	0.00	0.00	2.50	PASS

Test Band: 2 _ 1.4MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
				-20.00	-6.77	-10.33	-2.93	0.00	-0.01	0.00	2.50	PASS
				-10.00	-10.77	-0.90	-1.82	-0.01	0.00	0.00	2.50	PASS
				0.00	-1.89	-8.10	-4.48	0.00	0.00	0.00	2.50	PASS
				10.00	-10.03	-3.48	-3.39	-0.01	0.00	0.00	2.50	PASS
				20.00	-6.34	-12.69	-9.17	0.00	-0.01	0.00	2.50	PASS
				30.00	-10.21	-3.20	-6.94	-0.01	0.00	0.00	2.50	PASS
				40.00	-2.23	-0.17	-8.68	0.00	0.00	0.00	2.50	PASS
				50.00	-7.91	-7.25	-12.83	0.00	0.00	-0.01	2.50	PASS
				-20.00	-18.73	-8.80	-10.79	-0.01	0.00	-0.01	2.50	PASS
				-10.00	-9.76	-4.43	-5.45	-0.01	0.00	0.00	2.50	PASS
				0.00	-1.20	-18.54	-1.10	0.00	-0.01	0.00	2.50	PASS
				10.00	-6.47	-16.35	-10.41	0.00	-0.01	-0.01	2.50	PASS
				20.00	-12.93	-8.61	-13.12	-0.01	0.00	-0.01	2.50	PASS
				30.00	-15.92	-19.14	-15.72	-0.01	-0.01	-0.01	2.50	PASS
				40.00	-7.51	-13.63	-14.56	0.00	-0.01	-0.00	2.50	PASS
				50.00	-16.94	-6.47	-11.84	-0.01	0.00	-0.02	2.50	PASS

Test Band: 2 _ 3MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	15	0	NT	LV	-5.44	-6.02	-2.03	0.00	0.00	0.00	2.50	PASS
				NV	-9.99	-0.41	-6.69	-0.01	0.00	0.00	2.50	PASS
				HV	-11.40	-13.96	-1.63	-0.01	-0.01	0.00	2.50	PASS
16QAM	15	0	NT	LV	-12.30	-8.40	-10.63	-0.01	0.00	-0.01	2.50	PASS
				NV	-3.98	-2.57	-5.16	0.00	0.00	0.00	2.50	PASS
				HV	-10.67	-4.42	-16.55	-0.01	0.00	-0.01	2.50	PASS

Test Band: 2 _ 3MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
				-20.00	-8.7690	-5.1928	-6.5804	-0.0047	-0.0028	-0.0034	2.50	PASS
				-10.00	-9.5844	-12.3739	-10.8862	-0.0052	-0.0066	-0.0057	2.50	PASS
				0.00	-12.3167	-6.9809	-1.9598	-0.0067	-0.0037	-0.0010	2.50	PASS
				10.00	-7.7391	-8.7118	-2.1458	-0.0042	-0.0046	-0.0011	2.50	PASS
				20.00	-7.7820	-4.3201	1.5736	-0.0042	-0.0023	0.0008	2.50	PASS
				30.00	-16.3221	-5.6648	-7.5245	-0.0088	-0.0030	-0.0039	2.50	PASS
				40.00	-14.5769	-4.3344	-8.6117	-0.0079	-0.0023	-0.0045	2.50	PASS
				50.00	-7.2956	-6.7520	-6.3086	-0.0039	-0.0036	-0.0033	2.50	PASS
				-20.00	-6.0797	-16.2649	-4.5347	-0.0033	-0.0087	-0.0024	2.50	PASS
				-10.00	-12.3310	-6.6948	-16.0217	-0.0067	-0.0036	-0.0084	2.50	PASS
				0.00	-13.9904	-8.3828	-5.2929	-0.0076	-0.0045	-0.0028	2.50	PASS
				10.00	-9.2411	-6.7949	-14.6484	-0.0050	-0.0036	-0.0077	2.50	PASS
				20.00	-7.1526	-6.6519	-14.6484	-0.0039	-0.0035	-0.0077	2.50	PASS
				30.00	-12.7459	-6.0081	-8.1110	-0.0069	-0.0032	-0.0042	2.50	PASS
				40.00	-9.8419	-5.9080	-5.6791	-0.0053	-0.0031	-0.0030	2.50	PASS
				50.00	-5.3501	-15.6641	-2.4748	-0.0029	-0.0083	-0.0013	2.50	PASS

Test Band: 2 _ 5MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	25	0	NT	LV	-7.2241	-6.3229	-1.4448	-0.0039	-0.0034	-0.0008	2.50	PASS
				NV	-15.5210	-9.8705	-5.4646	-0.0084	-0.0053	-0.0029	2.50	PASS
				HV	-2.3603	-12.7316	-8.9550	-0.0013	-0.0068	-0.0047	2.50	PASS
16QAM	25	0	NT	LV	-2.0313	-4.4489	0.5293	-0.0011	-0.0024	0.0003	2.50	PASS
				NV	-2.5034	-8.2827	0.2289	-0.0014	-0.0044	0.0001	2.50	PASS
				HV	-5.8937	-5.8365	-5.4646	-0.0032	-0.0031	-0.0029	2.50	PASS

Test Band: 2 _ 5MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
				-20.00	-7.3957	-6.0081	-1.6308	-0.0040	-0.0032	-0.0009	2.50	PASS
				-10.00	-5.4073	-6.9666	-4.6349	-0.0029	-0.0037	-0.0024	2.50	PASS
				0.00	-4.7207	-5.7650	2.2173	-0.0025	-0.0031	0.0012	2.50	PASS
				10.00	-8.1110	0.9012	0.0858	-0.0044	0.0005	0.0000	2.50	PASS
				20.00	-3.3760	-6.4802	-6.3372	-0.0018	-0.0034	-0.0033	2.50	PASS
				30.00	-2.3460	-7.1526	-13.8760	-0.0013	-0.0038	-0.0073	2.50	PASS
				40.00	-10.6716	-5.0783	2.3174	-0.0058	-0.0027	0.0012	2.50	PASS
				50.00	-7.9823	-4.4632	-8.2254	-0.0043	-0.0024	-0.0043	2.50	PASS
				-20.00	-1.3733	-11.1580	-8.5115	-0.0007	-0.0059	-0.0045	2.50	PASS
				-10.00	-3.3617	-10.9148	-7.1096	-0.0018	-0.0058	-0.0037	2.50	PASS
				0.00	-2.1601	-17.2806	0.3719	-0.0012	-0.0092	0.0002	2.50	PASS
				10.00	1.0443	-8.6689	-2.8324	0.0006	-0.0046	-0.0015	2.50	PASS
				20.00	-6.7091	-11.1151	-2.6751	-0.0036	-0.0059	-0.0014	2.50	PASS
				30.00	-1.6737	-14.1048	0.8011	-0.0009	-0.0075	0.0004	2.50	PASS
				40.00	-7.3385	-16.0790	-11.4298	-0.0040	-0.0086	-0.0060	2.50	PASS
				50.00	-10.2425	-9.5415	-5.2929	-0.0055	-0.0051	-0.0028	2.50	PASS

Test Band: 2 _ 10MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	50	0	NT	LV	-6.8951	-7.0095	-6.2799	-0.0037	-0.0037	-0.0033	2.50	PASS
				NV	-6.4230	-12.4025	-6.1369	-0.0035	-0.0066	-0.0032	2.50	PASS
				HV	-5.8794	-8.3971	-4.4346	-0.0032	-0.0045	-0.0023	2.50	PASS
16QAM	50	0	NT	LV	-7.1526	-5.8651	-12.5885	-0.0039	-0.0031	-0.0066	2.50	PASS
				NV	-1.6451	-9.7847	-2.7037	-0.0009	-0.0052	-0.0014	2.50	PASS
				HV	-8.2684	-6.0797	-8.4543	-0.0045	-0.0032	-0.0044	2.50	PASS

Test Band: 2 _ 10MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
				-20.00	-6.2084	-10.5000	-5.8222	-0.0033	-0.0056	-0.0031	2.50	PASS
				-10.00	-5.9938	-12.7888	-4.4918	-0.0032	-0.0068	-0.0024	2.50	PASS
				0.00	-4.7064	-9.6130	-7.2670	-0.0025	-0.0051	-0.0038	2.50	PASS
				10.00	-7.5102	-8.8978	-5.5790	-0.0040	-0.0047	-0.0029	2.50	PASS
				20.00	-4.4918	-12.7602	-8.4543	-0.0024	-0.0068	-0.0044	2.50	PASS
				30.00	-5.4789	-7.1096	-4.0197	-0.0030	-0.0038	-0.0021	2.50	PASS
				40.00	-3.4761	-9.4700	-5.9509	-0.0019	-0.0050	-0.0031	2.50	PASS
				50.00	-1.7738	-9.3269	-6.8522	-0.0010	-0.0050	-0.0036	2.50	PASS
				-20.00	-9.2697	-5.6934	-7.8249	-0.0050	-0.0030	-0.0041	2.50	PASS
				-10.00	-3.6764	-11.2009	-12.3739	-0.0020	-0.0060	-0.0065	2.50	PASS
				0.00	-1.2016	-4.1628	-4.7922	-0.0006	-0.0022	-0.0025	2.50	PASS
				10.00	-7.5960	-7.1383	-4.9639	-0.0041	-0.0038	-0.0026	2.50	PASS
				20.00	-4.4775	-7.1526	-1.9312	-0.0024	-0.0038	-0.0010	2.50	PASS
				30.00	-3.1900	-5.1498	-6.7377	-0.0017	-0.0027	-0.0035	2.50	PASS
				40.00	-3.5477	-9.2268	-7.0095	-0.0019	-0.0049	-0.0037	2.50	PASS
				50.00	-1.3161	-6.7234	-6.5947	-0.0007	-0.0036	-0.0035	2.50	PASS

Test Band: 2 _ 15MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	75	0	NT	LV	-4.5204	-6.1083	-11.1437	-0.0024	-0.0032	-0.0059	2.50	PASS
				NV	-2.2459	-7.1812	-4.1771	-0.0012	-0.0038	-0.0022	2.50	PASS
				HV	-3.0327	-4.2772	-8.8549	-0.0016	-0.0023	-0.0047	2.50	PASS
16QAM	75	0	NT	LV	-6.0940	-3.3903	-11.0292	-0.0033	-0.0018	-0.0058	2.50	PASS
				NV	-10.0136	-4.8351	-12.7745	-0.0054	-0.0026	-0.0067	2.50	PASS
				HV	-4.8208	-3.5191	-11.4155	-0.0026	-0.0019	-0.0060	2.50	PASS

Test Band: 2 _ 15MHz Bandwidth (Frequency Error VS. Temperature)												
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
				-20.00	-3.8195	-5.9652	-9.9850	-0.0021	-0.0032	-0.0052	2.50	PASS
				-10.00	-2.1744	-6.0368	-9.1410	-0.0012	-0.0032	-0.0048	2.50	PASS
				0.00	-3.2759	-4.9639	-6.4230	-0.0018	-0.0026	-0.0034	2.50	PASS
				10.00	-3.9625	-7.0381	-9.7132	-0.0021	-0.0037	-0.0051	2.50	PASS
				20.00	-3.8767	-9.2268	-7.5960	-0.0021	-0.0049	-0.0040	2.50	PASS
				30.00	-3.5906	-7.1669	-8.8263	-0.0019	-0.0038	-0.0046	2.50	PASS
				40.00	-1.0157	-5.9938	-5.3644	-0.0005	-0.0032	-0.0028	2.50	PASS
				50.00	-1.7023	-8.0252	-7.7534	-0.0009	-0.0043	-0.0041	2.50	PASS
				-20.00	-4.9496	-6.4373	-4.2200	-0.0027	-0.0034	-0.0022	2.50	PASS
				-10.00	-3.1042	-3.0470	-4.9639	-0.0017	-0.0016	-0.0026	2.50	PASS
				0.00	-8.4114	-7.5102	-5.1355	-0.0045	-0.0040	-0.0027	2.50	PASS
				10.00	-5.9509	-3.2473	-5.9223	-0.0032	-0.0017	-0.0031	2.50	PASS
				20.00	-8.8549	-6.7234	-9.4128	-0.0048	-0.0036	-0.0049	2.50	PASS
				30.00	-9.2554	-1.3018	-7.5674	-0.0050	-0.0007	-0.0040	2.50	PASS
				40.00	-6.3658	-9.5272	-9.2983	-0.0034	-0.0051	-0.0049	2.50	PASS
				50.00	-4.7779	-4.3774	-8.4543	-0.0026	-0.0023	-0.0044	2.50	PASS

Test Band: 2 _ 20MHz Bandwidth (Frequency Error VS. Voltage)												
Test Mode	RB Allocation		Test Temp.	Test Volt.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
QPSK	100	0	NT	LV	-6.3372	-4.8208	-8.3542	-0.0034	-0.0026	-0.0044	2.50	PASS
				NV	-5.8079	-6.4516	-6.7520	-0.0031	-0.0034	-0.0036	2.50	PASS
				HV	-2.2602	-8.3685	-6.4945	-0.0012	-0.0045	-0.0034	2.50	PASS
16QAM	100	0	NT	LV	-4.2057	-8.2541	-3.8481	-0.0023	-0.0044	-0.0020	2.50	PASS
				NV	-7.9679	-6.9666	-4.1485	-0.0043	-0.0037	-0.0022	2.50	PASS
				HV	-6.0797	-9.5558	-7.7105	-0.0033	-0.0051	-0.0041	2.50	PASS

Test Band: 2 _ 20MHz Bandwidth (Frequency Error VS. Temperature)													
Test Mode	RB Allocation		Test Volt.	Test Temp.	Freq. Error (Hz)			Freq. vs. rated (ppm)			Limit (ppm)	Verdict
	Size	Offset			LCH	MCH	HCH	LCH	MCH	HCH		
				-20.00	-7.5388	-6.5374	-3.6764	-0.0041	-0.0035	-0.0019	2.50	PASS
				-10.00	-6.9809	-9.7704	-5.5504	-0.0038	-0.0052	-0.0029	2.50	PASS
				0.00	-5.3215	-6.9952	-8.5545	-0.0029	-0.0037	-0.0045	2.50	PASS
				10.00	-7.7677	-4.6778	-4.7493	-0.0042	-0.0025	-0.0025	2.50	PASS
				20.00	-4.1485	-8.2541	-6.9809	-0.0022	-0.0044	-0.0037	2.50	PASS
				30.00	-8.7547	-10.8004	-6.8092	-0.0047	-0.0057	-0.0036	2.50	PASS
				40.00	-5.1212	-5.1641	-4.9496	-0.0028	-0.0027	-0.0026	2.50	PASS
				50.00	-6.3372	-4.4632	-2.2745	-0.0034	-0.0024	-0.0012	2.50	PASS
				-20.00	-7.6389	-5.2214	-8.8263	-0.0041	-0.0028	-0.0046	2.50	PASS
				-10.00	-9.2697	-5.6362	-1.9169	-0.0050	-0.0030	-0.0010	2.50	PASS
				0.00	-1.8168	-10.6144	-0.6723	-0.0010	-0.0056	-0.0004	2.50	PASS
				10.00	-6.9523	-9.2411	-2.6894	-0.0037	-0.0049	-0.0014	2.50	PASS
				20.00	-10.4141	-4.5347	-1.1730	-0.0056	-0.0024	-0.0006	2.50	PASS
				30.00	-1.6594	-12.3596	-0.3862	-0.0009	-0.0066	-0.0002	2.50	PASS
				40.00	-7.1526	-7.8535	-3.0041	-0.0038	-0.0042	-0.0016	2.50	PASS
				50.00	-3.3474	-5.9223	-6.9380	-0.0018	-0.0032	-0.0037	2.50	PASS