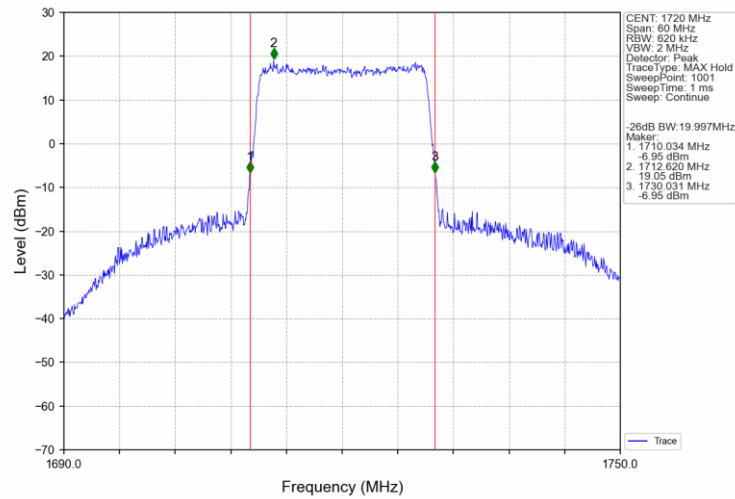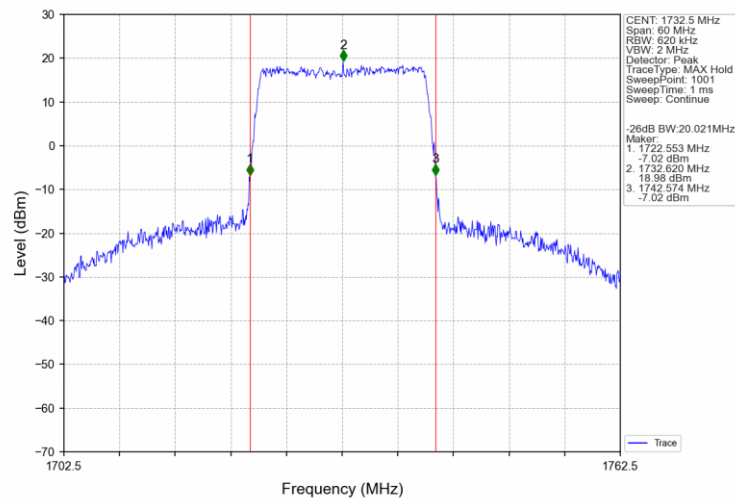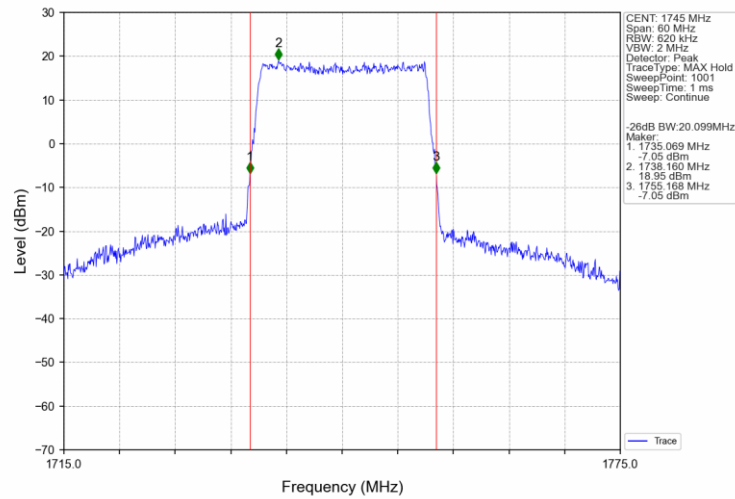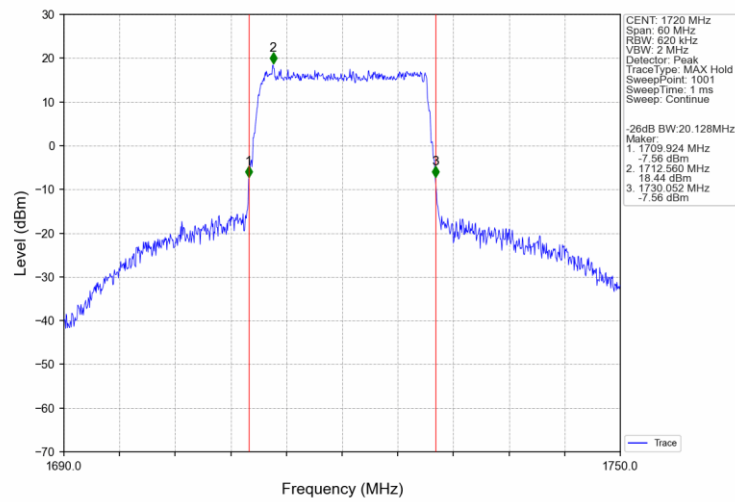Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

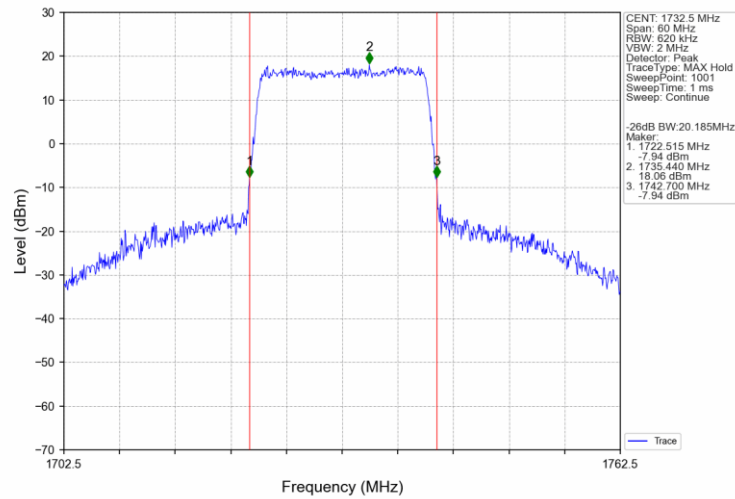Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV

Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

CENT: 1732.5 MHz
Span: 60 MHz
RBW: 620 kHz
VBW: 2 MHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue

-26dB BW:20.185MHz
Maker:
1. 1722.515 MHz
    -7.94 dBm
2. 1735.440 MHz
    18.06 dBm
3. 1742.700 MHz
    -7.94 dBm

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

CENT: 1745 MHz
Span: 60 MHz
RBW: 620 kHz
VBW: 2 MHz
Detector: Peak
TraceType: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue

-26dB BW:19.977MHz
Maker:
1. 1735.088 MHz
    -7.38 dBm
2. 1745.480 MHz
    18.62 dBm
3. 1755.065 MHz
    -7.38 dBm

5. Peak-Average Ratio

5.1 Test Result

5.1.1 B4_1.4MHz

Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
	Band: 4 / Bandwidth: 1.4MHz / NTNV					
QPSK	1710.7	6	0	5.15	<=13	Pass
	1732.5	6	0	5.20	<=13	Pass
	1754.3	6	0	5.66	<=13	Pass
16QAM	1710.7	6	0	5.95	<=13	Pass
	1732.5	6	0	6.08	<=13	Pass
	1754.3	6	0	6.45	<=13	Pass

5.1.2 B4_3MHz

Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
	Band: 4 / Bandwidth: 3MHz / NTNV					
QPSK	1711.5	15	0	5.26	<=13	Pass
	1732.5	15	0	5.31	<=13	Pass
	1753.5	15	0	5.68	<=13	Pass
16QAM	1711.5	15	0	6.09	<=13	Pass
	1732.5	15	0	6.14	<=13	Pass
	1753.5	15	0	6.50	<=13	Pass

5.1.3 B4_5MHz

Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
	Band: 4 / Bandwidth: 5MHz / NTNV					
QPSK	1712.5	25	0	5.41	<=13	Pass
	1732.5	25	0	5.44	<=13	Pass
	1752.5	25	0	5.70	<=13	Pass
16QAM	1712.5	25	0	6.11	<=13	Pass
	1732.5	25	0	6.23	<=13	Pass
	1752.5	25	0	6.45	<=13	Pass

5.1.4 B4_10MHz

Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
	Band: 4 / Bandwidth: 10MHz / NTNV					
QPSK	1715	50	0	5.44	<=13	Pass
	1732.5	50	0	5.47	<=13	Pass
	1750	50	0	5.69	<=13	Pass
16QAM	1715	50	0	6.16	<=13	Pass
	1732.5	50	0	6.27	<=13	Pass
	1750	50	0	6.49	<=13	Pass

5.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.17	<=13	Pass
	1732.5	75	0	5.16	<=13	Pass
	1747.5	75	0	5.26	<=13	Pass
16QAM	1717.5	75	0	6.11	<=13	Pass
	1732.5	75	0	6.16	<=13	Pass
	1747.5	75	0	6.30	<=13	Pass

5.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.62	<=13	Pass
	1732.5	100	0	5.67	<=13	Pass
	1745	100	0	5.69	<=13	Pass
16QAM	1720	100	0	6.63	<=13	Pass
	1732.5	100	0	6.62	<=13	Pass
	1745	100	0	6.61	<=13	Pass

5.2 Test Graph

5.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1710.700MHz
Power:
Avg:21.98dBm
Peak: 27.62dBm
Crest: 5.64dB

10.0 %: 2.65dB
 1.0 %: 4.36dB
 0.1 %: 5.15dB
0.01 %: 5.46dB

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1732.500MHz
Power:
Avg:22.06dBm
Peak: 28.08dBm
Crest: 6.02dB

10.0 %: 2.63dB
 1.0 %: 4.36dB
 0.1 %: 5.20dB
0.01 %: 5.69dB

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV


```
Samples: 10.0M
RBW: 5.00MHz
Freq.: 1754.300MHz
Power:
Avg:21.95dBm
Peak: 28.93dBm
Crest: 6.98dB

10.0 %: 2.66dB
 1.0 %: 4.63dB
 0.1 %: 5.66dB
0.01 %: 6.33dB
```

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV


```
Samples: 10.0M
RBW: 5.00MHz
Freq.: 1710.700MHz
Power:
Avg:20.98dBm
Peak: 27.88dBm
Crest: 6.90dB

10.0 %: 3.03dB
 1.0 %: 5.04dB
 0.1 %: 5.95dB
0.01 %: 6.56dB
```

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1732.500MHz
Power:
Avg:21.07dBm
Peak: 28.15dBm
Crest: 7.08dB

10.0 %: 2.98dB
 1.0 %: 5.00dB
 0.1 %: 6.08dB
0.01 %: 6.60dB

Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1754.300MHz
Power:
Avg:20.92dBm
Peak: 28.63dBm
Crest: 7.71dB

10.0 %: 3.03dB
 1.0 %: 5.21dB
 0.1 %: 6.45dB
0.01 %: 7.29dB

5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1711.500MHz
Power:
Avg:21.93dBm
Peak: 28.14dBm
Crest: 6.21dB

10.0 %: 2.48dB
1.0 %: 4.31dB
0.1 %: 5.26dB
0.01 %: 5.81dB

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1732.500MHz
Power:
Avg:22.05dBm
Peak: 28.46dBm
Crest: 6.41dB

10.0 %: 2.48dB
1.0 %: 4.36dB
0.1 %: 5.31dB
0.01 %: 5.88dB

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1753.500MHz
Power:
Avg:21.99dBm
Peak: 28.72dBm
Crest: 6.73dB

10.0 %: 2.49dB
 1.0 %: 4.54dB
 0.1 %: 5.68dB
0.01 %: 6.31dB
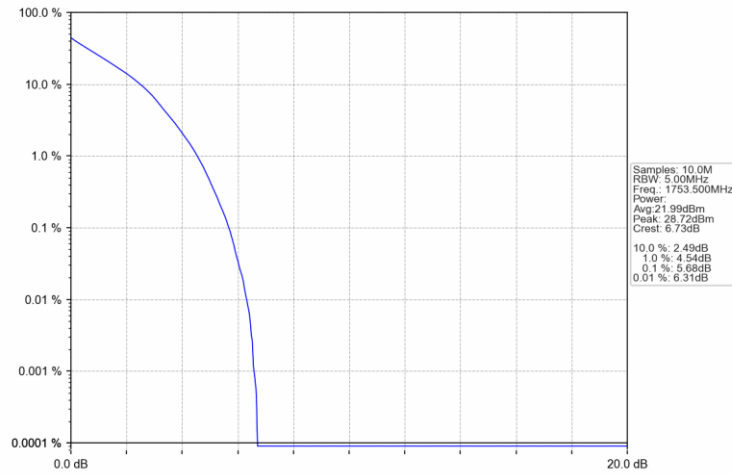
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1711.500MHz
Power:
Avg:20.94dBm
Peak: 28.20dBm
Crest: 7.26dB

10.0 %: 2.92dB
 1.0 %: 4.99dB
 0.1 %: 6.09dB
0.01 %: 6.67dB
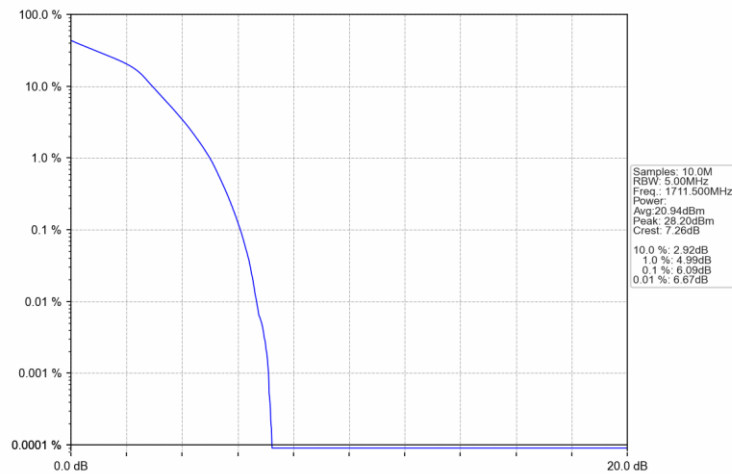
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1732.500MHz
Power:
Avg:21.02dBm
Peak: 28.26dBm
Crest: 7.24dB

10.0 %: 2.91dB
 1.0 %: 4.99dB
 0.1 %: 6.14dB
0.01 %: 6.74dB
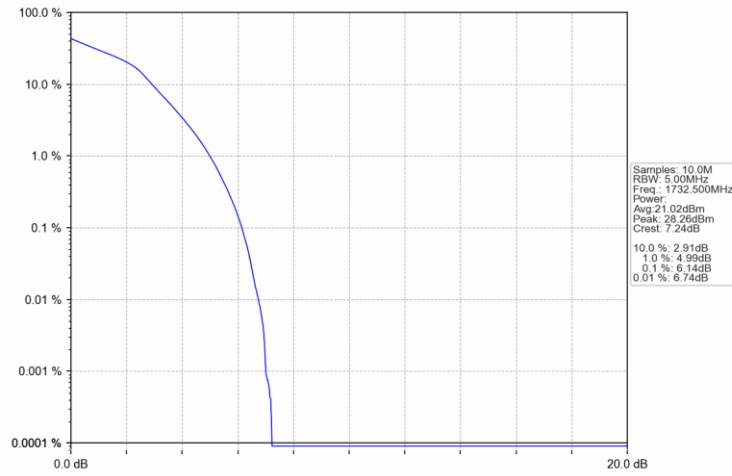
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1753.500MHz
Power:
Avg:21.12dBm
Peak: 29.19dBm
Crest: 8.07dB

10.0 %: 2.95dB
 1.0 %: 5.21dB
 0.1 %: 6.50dB
0.01 %: 7.32dB
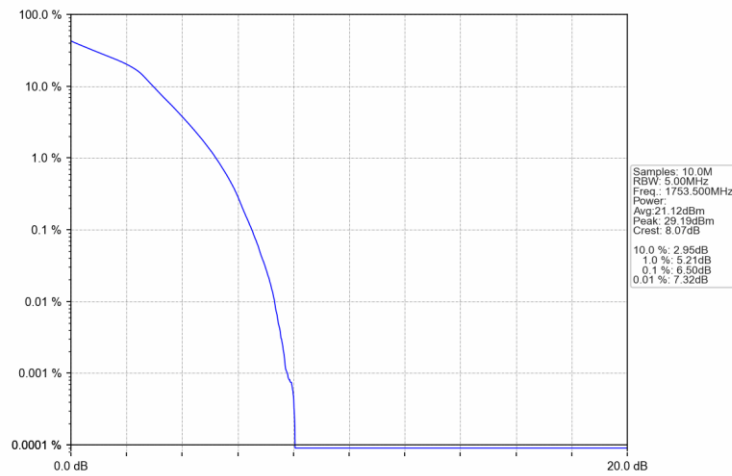
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1712.500MHz
Power:
Avg:21.84dBm
Peak: 28.40dBm
Crest: 6.56dB

10.0 %: 2.37dB
　1.0 %: 4.34dB
　0.1 %: 5.41dB
0.01 %: 6.00dB
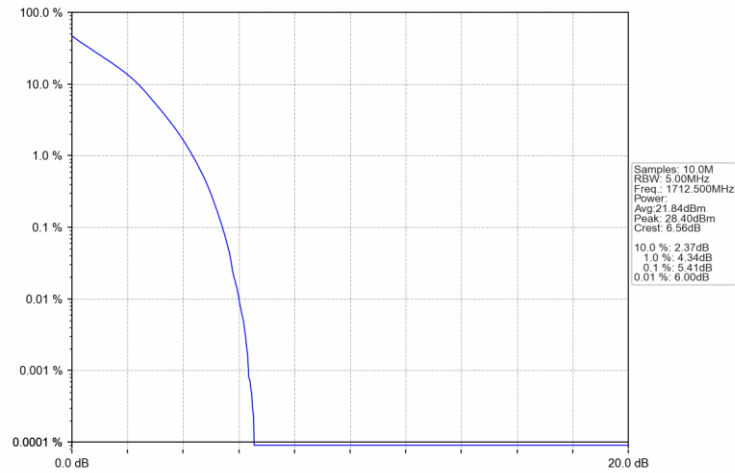
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1732.500MHz
Power:
Avg:21.94dBm
Peak: 28.50dBm
Crest: 6.56dB

10.0 %: 2.37dB
　1.0 %: 4.36dB
　0.1 %: 5.44dB
0.01 %: 6.00dB
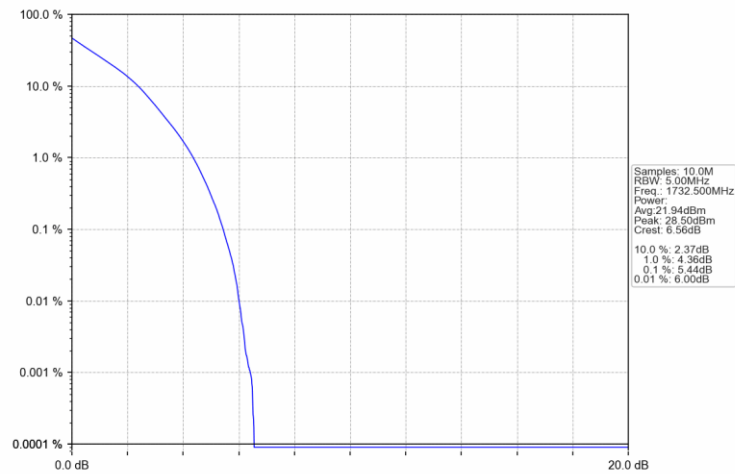
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1752.500MHz
Power:
Avg:22.07dBm
Peak: 29.73dBm
Crest: 7.66dB

10.0 %: 2.39dB
 1.0 %: 4.51dB
 0.1 %: 5.70dB
0.01 %: 6.38dB
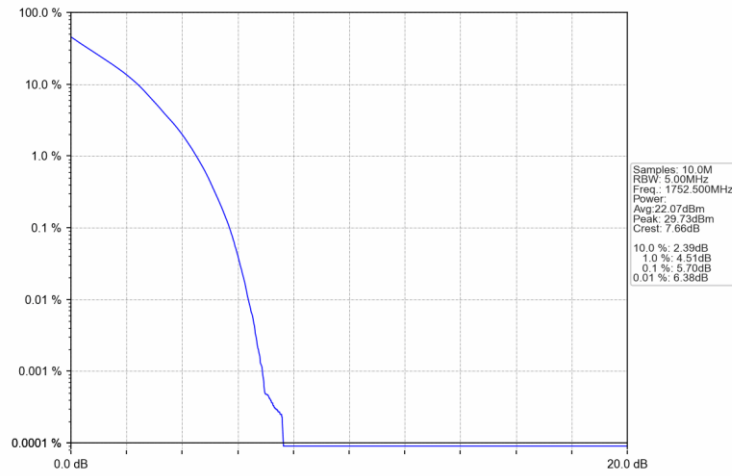
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1712.500MHz
Power:
Avg:20.90dBm
Peak: 28.42dBm
Crest: 7.52dB

10.0 %: 2.85dB
 1.0 %: 4.94dB
 0.1 %: 6.11dB
0.01 %: 6.83dB
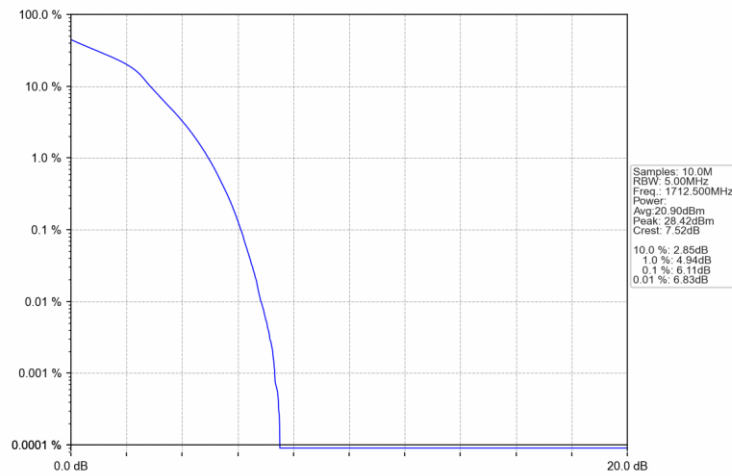
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1732.500MHz
Power:
Avg:20.95dBm
Peak: 28.52dBm
Crest: 7.57dB

10.0 %: 2.85dB
1.0 %: 4.99dB
0.1 %: 6.23dB
0.01 %: 7.03dB
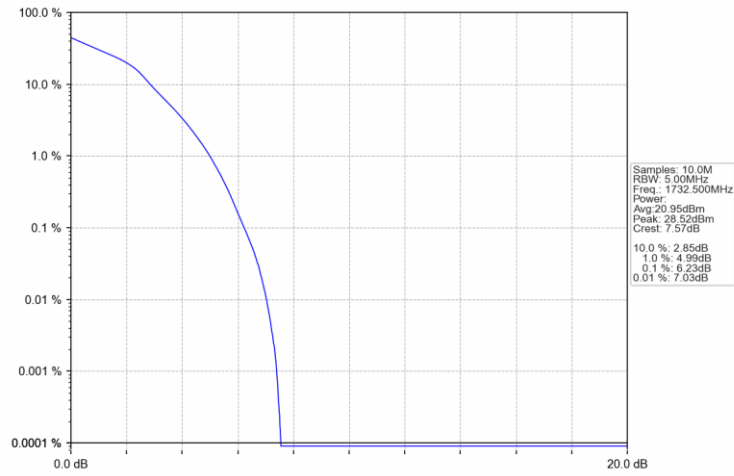
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

Samples: 10.0M
RBW: 5.00MHz
Freq.: 1752.500MHz
Power:
Avg:21.05dBm
Peak: 29.41dBm
Crest: 8.36dB

10.0 %: 2.87dB
1.0 %: 5.12dB
0.1 %: 6.45dB
0.01 %: 7.26dB
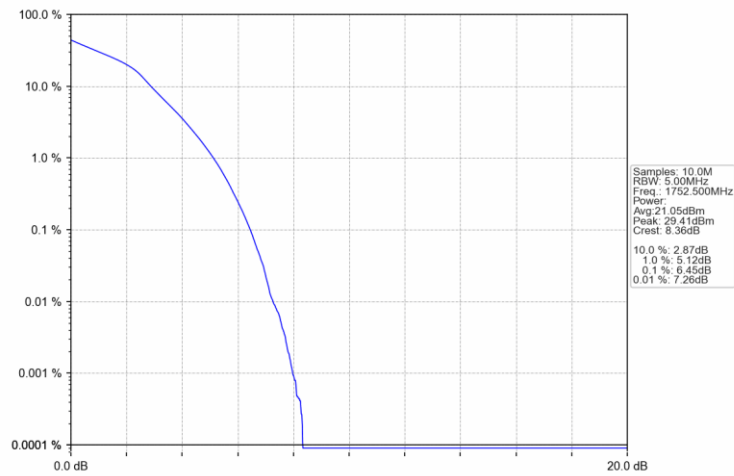
5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1715.000MHz
Power:
Avg:21.77dBm
Peak: 28.63dBm
Crest: 6.86dB

10.0 %: 2.35dB
1.0 %: 4.36dB
0.1 %: 5.44dB
0.01 %: 6.13dB
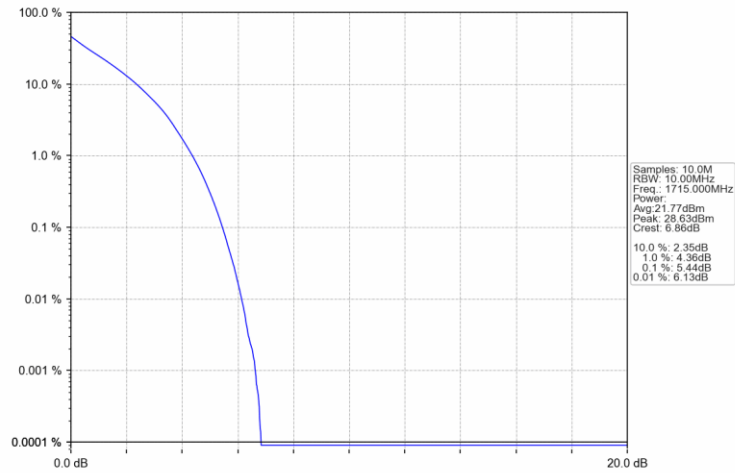
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1732.500MHz
Power:
Avg:22.02dBm
Peak: 29.04dBm
Crest: 7.02dB

10.0 %: 2.34dB
1.0 %: 4.40dB
0.1 %: 5.47dB
0.01 %: 6.14dB
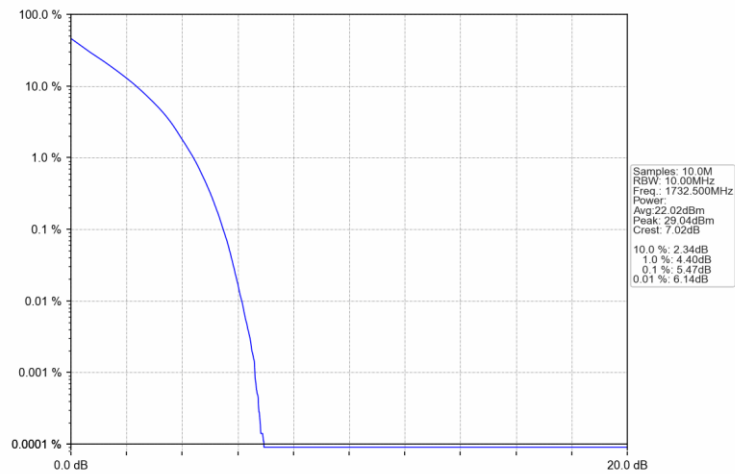
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1750.000MHz
Power:
Avg:22.13dBm
Peak: 29.40dBm
Crest: 7.27dB

10.0 %: 2.37dB
 1.0 %: 4.51dB
 0.1 %: 5.69dB
0.01 %: 6.39dB
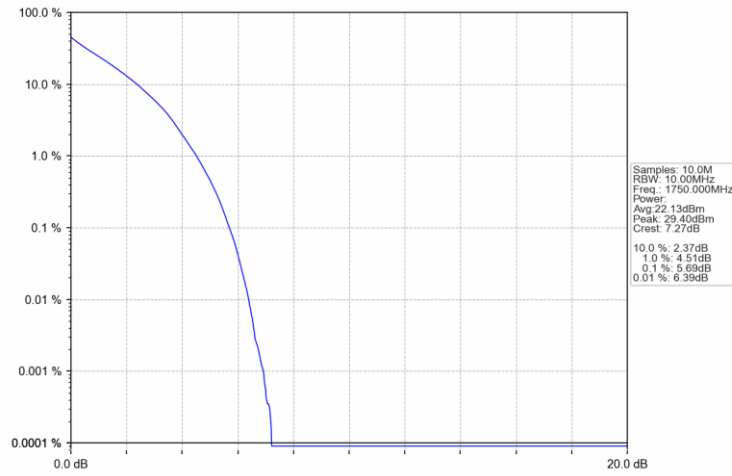
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1715.000MHz
Power:
Avg:20.84dBm
Peak: 28.33dBm
Crest: 7.49dB

10.0 %: 2.88dB
 1.0 %: 4.98dB
 0.1 %: 6.16dB
0.01 %: 6.94dB
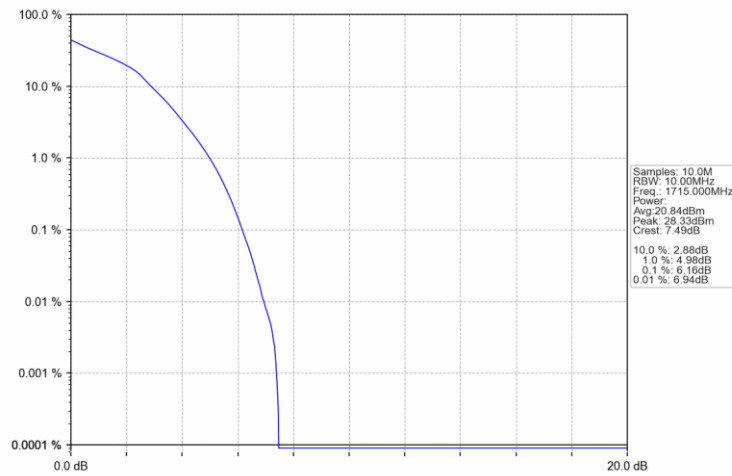
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1732.500MHz
Power:
Avg:20.99dBm
Peak: 28.78dBm
Crest: 7.79dB

10.0 %: 2.90dB
 1.0 %: 5.03dB
 0.1 %: 6.27dB
0.01 %: 6.95dB
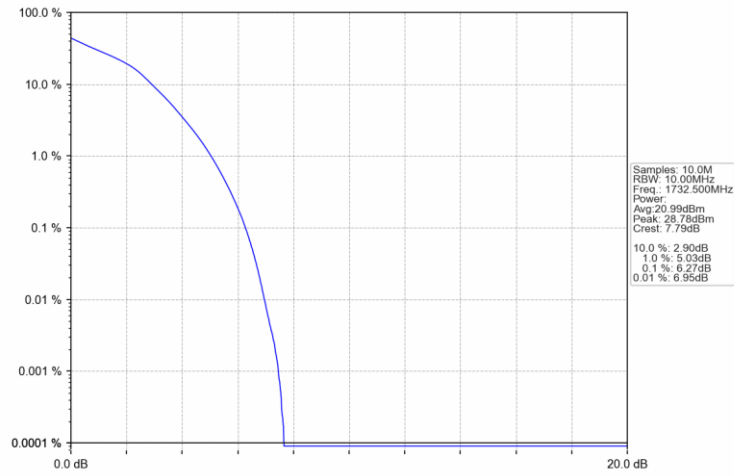
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1750.000MHz
Power:
Avg:21.12dBm
Peak: 29.13dBm
Crest: 8.01dB

10.0 %: 2.89dB
 1.0 %: 5.14dB
 0.1 %: 6.49dB
0.01 %: 7.28dB
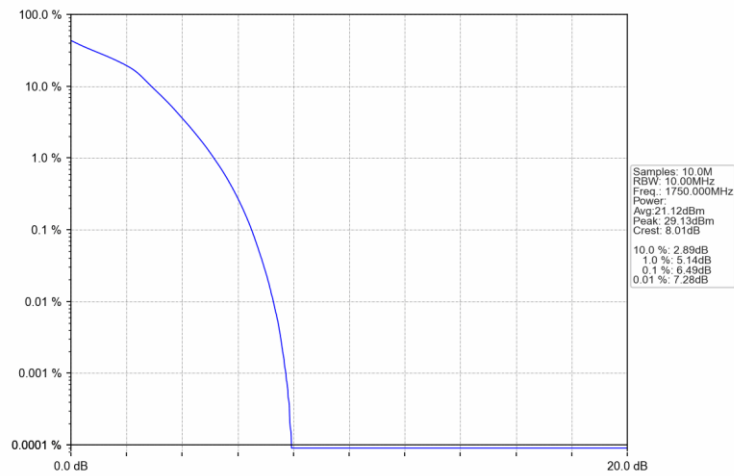
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1717.500MHz
Power:
Avg:21.10dBm
Peak: 27.65dBm
Crest: 6.55dB

10.0 %: 2.72dB
 1.0 %: 4.50dB
 0.1 %: 5.17dB
0.01 %: 5.72dB
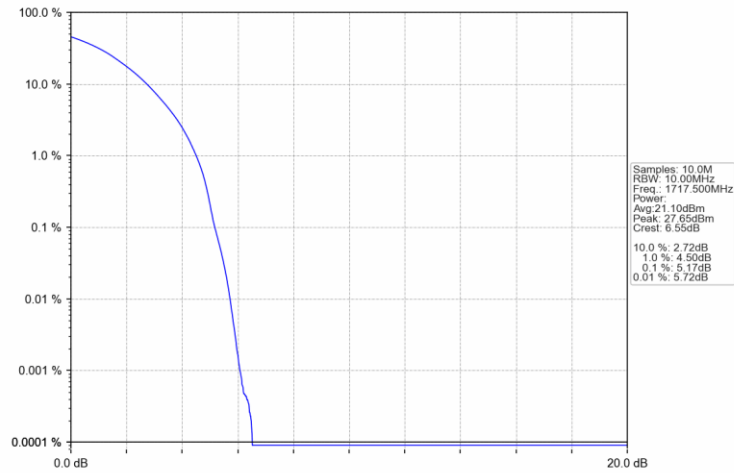
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1732.500MHz
Power:
Avg:21.47dBm
Peak: 27.78dBm
Crest: 6.31dB

10.0 %: 2.72dB
 1.0 %: 4.50dB
 0.1 %: 5.16dB
0.01 %: 5.69dB
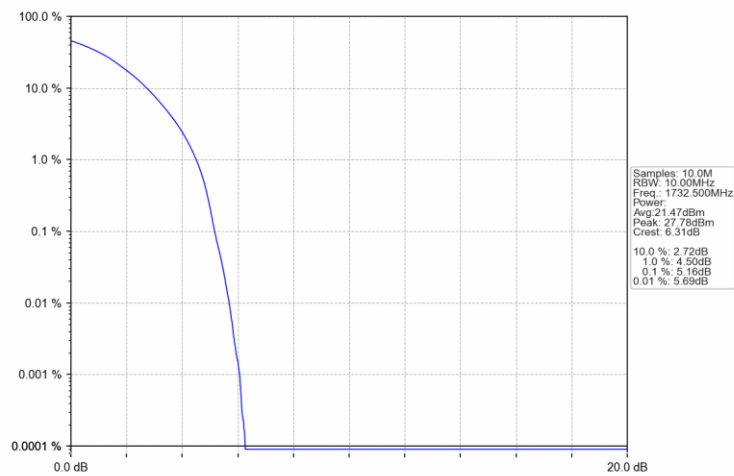
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV
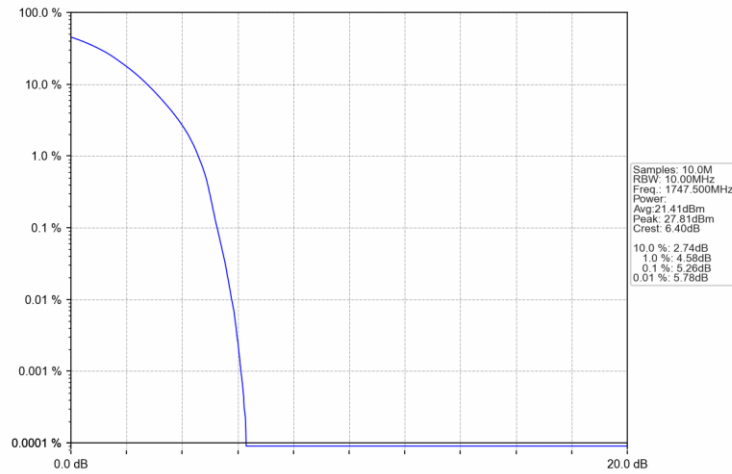
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV
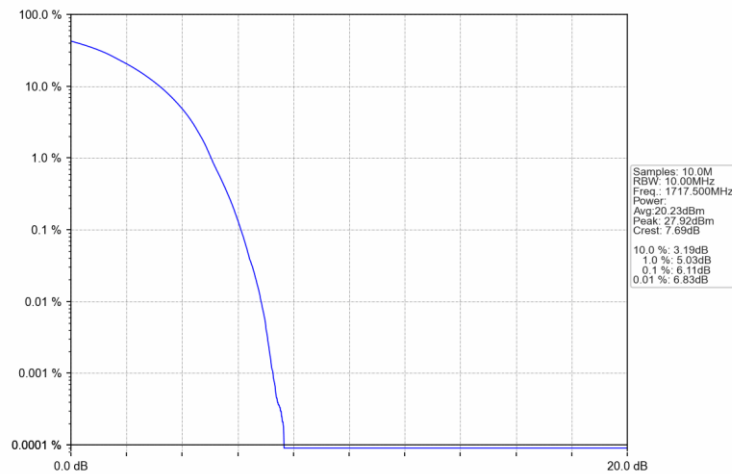
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1732.500MHz
Power:
Avg:20.41dBm
Peak: 28.40dBm
Crest: 7.99dB

10.0 %: 3.20dB
1.0 %: 5.08dB
0.1 %: 6.16dB
0.01 %: 6.90dB
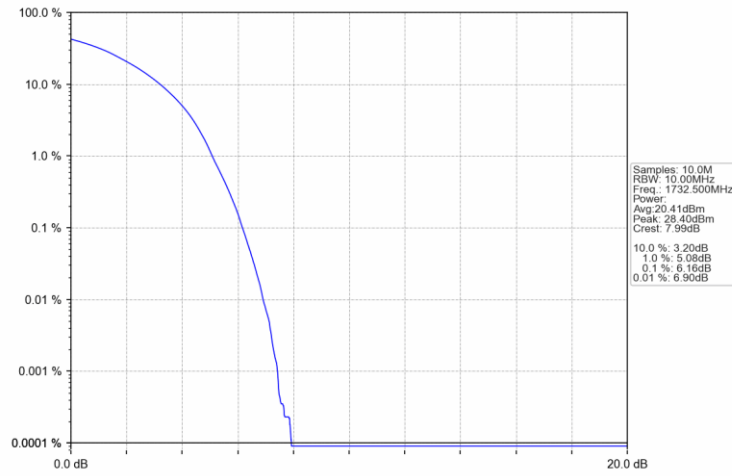
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1747.500MHz
Power:
Avg:20.46dBm
Peak: 28.38dBm
Crest: 7.92dB

10.0 %: 3.20dB
1.0 %: 5.12dB
0.1 %: 6.30dB
0.01 %: 7.02dB
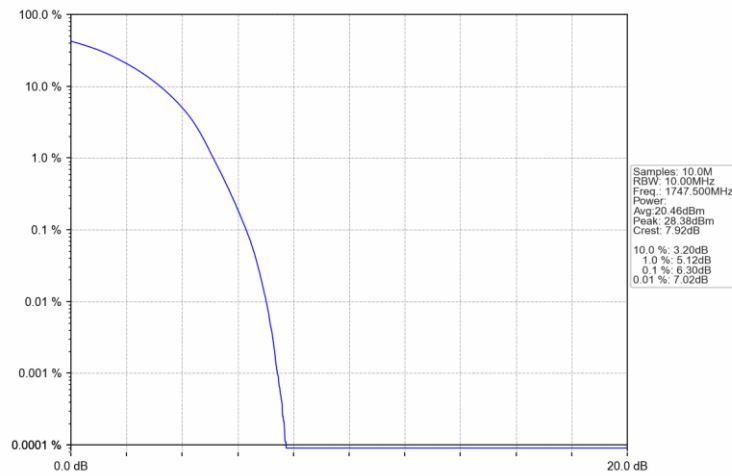
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1720.000MHz
Power:
Avg:19.87dBm
Peak: 27.10dBm
Crest: 7.23dB

10.0 %: 3.14dB
1.0 %: 4.69dB
0.1 %: 5.62dB
0.01 %: 6.23dB

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1732.500MHz
Power:
Avg:19.94dBm
Peak: 27.06dBm
Crest: 7.12dB

10.0 %: 3.16dB
1.0 %: 4.72dB
0.1 %: 5.67dB
0.01 %: 6.29dB

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1745.000MHz
Power:
Avg:20.07dBm
Peak: 27.70dBm
Crest: 7.63dB

10.0 %: 3.17dB
 1.0 %: 4.72dB
 0.1 %: 5.69dB
0.01 %: 6.32dB

Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1720.000MHz
Power:
Avg:18.78dBm
Peak: 27.42dBm
Crest: 8.64dB

10.0 %: 3.45dB
 1.0 %: 5.40dB
 0.1 %: 6.63dB
0.01 %: 7.43dB

Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1732.500MHz
Power:
Avg:19.04dBm
Peak: 27.59dBm
Crest: 8.55dB

10.0 %: 3.44dB
　1.0 %: 5.41dB
　0.1 %: 6.62dB
0.01 %: 7.38dB

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

Samples: 10.0M
RBW: 10.00MHz
Freq.: 1745.000MHz
Power:
Avg:19.07dBm
Peak: 27.28dBm
Crest: 8.21dB

10.0 %: 3.45dB
　1.0 %: 5.40dB
　0.1 %: 6.61dB
0.01 %: 7.40dB

6. Spurious Emission

6.1 Test Result

6.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

1732.5	1	0	Refer To Test Graph		Pass
1752.5	1	0	Refer To Test Graph		Pass
	1	24	Refer To Test Graph		Pass
	25	0	Refer To Test Graph		Pass

6.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

6.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass

		100	0	Refer To Test Graph	Pass

6.2 Test Graph

6.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV
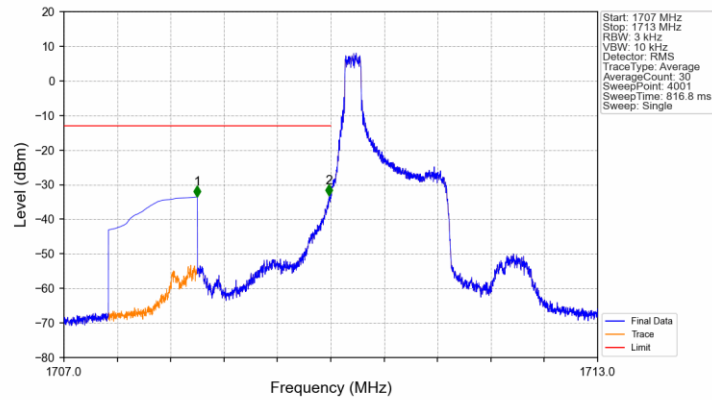
| Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-33.55	-13	Pass
1709	1710	0.003	/	2	1709.982	-33.14	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV
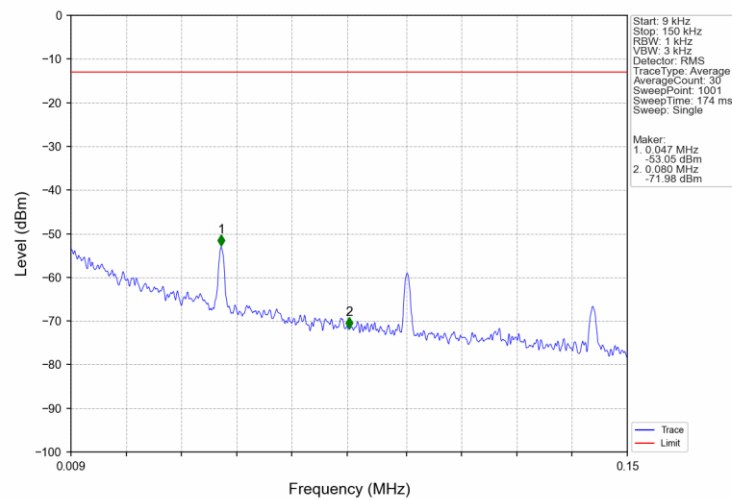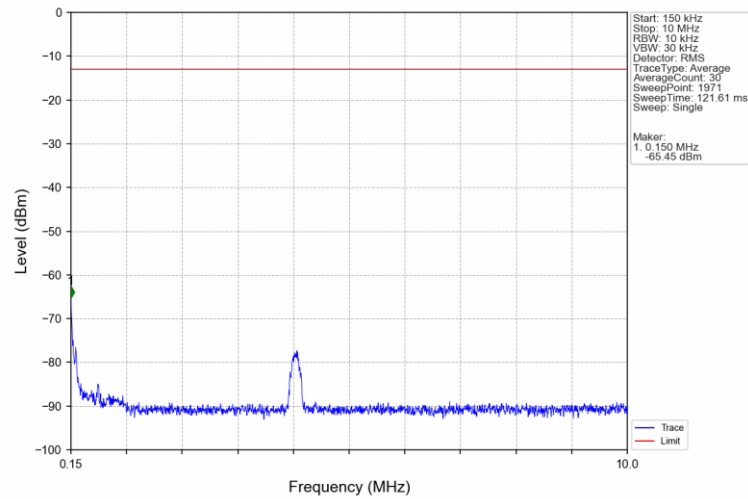
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV
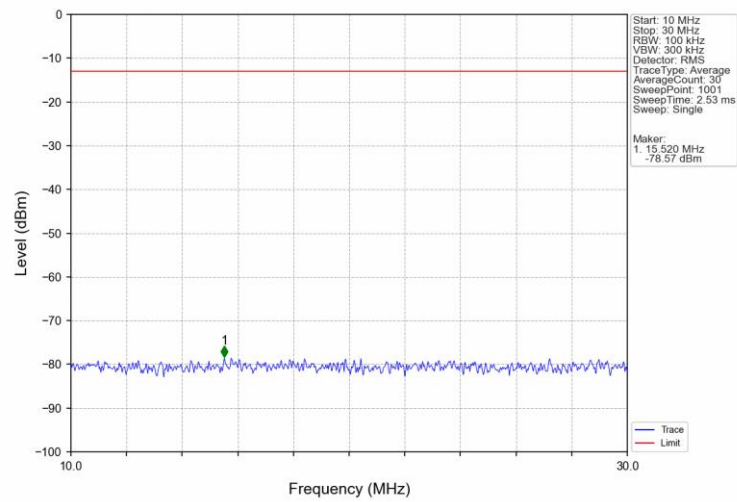
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV
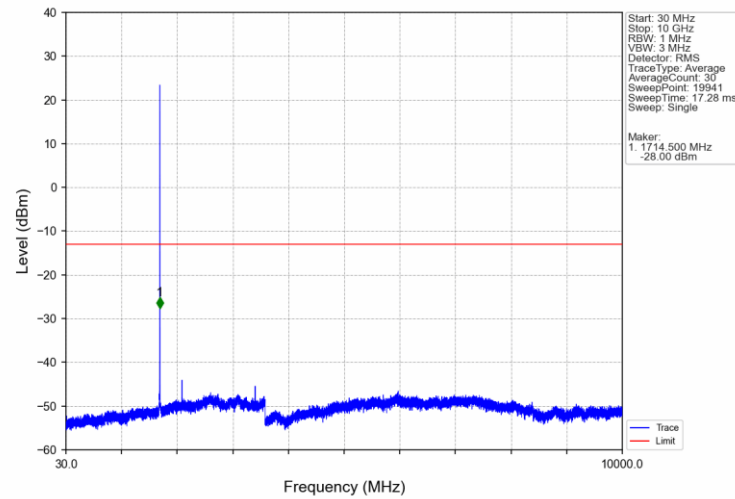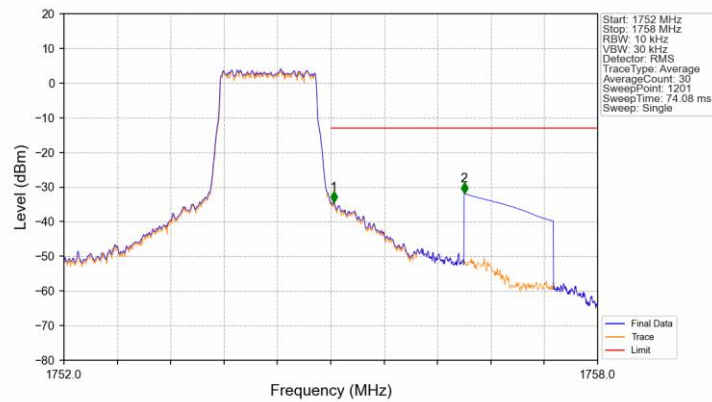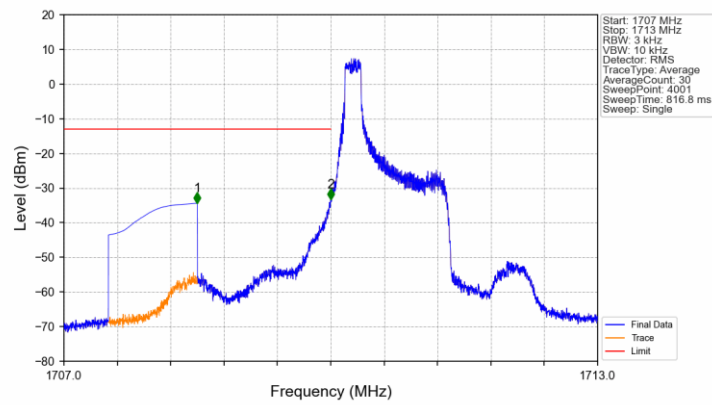

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV
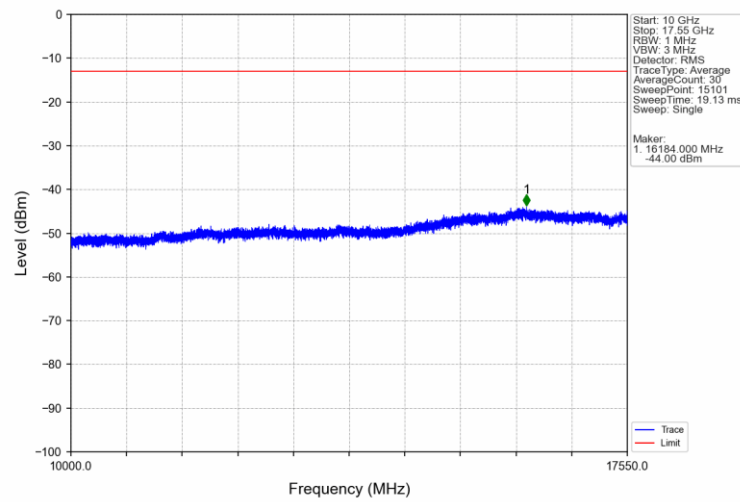
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV
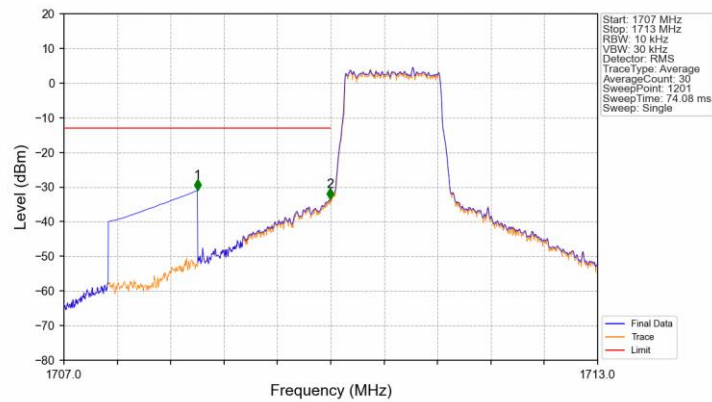
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-30.97	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-33.51	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV
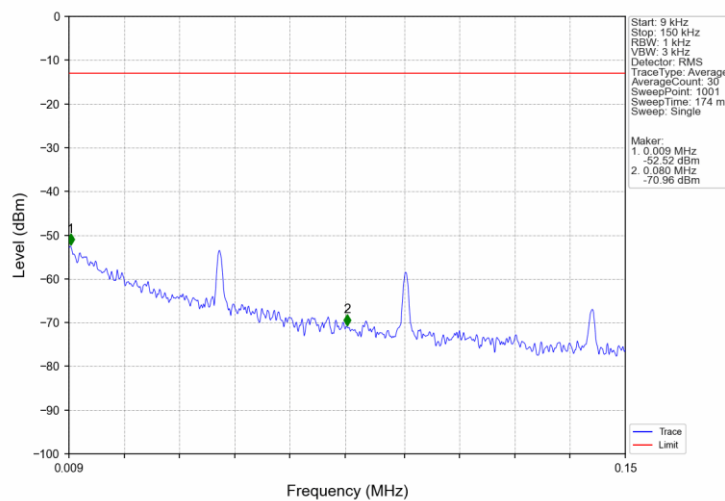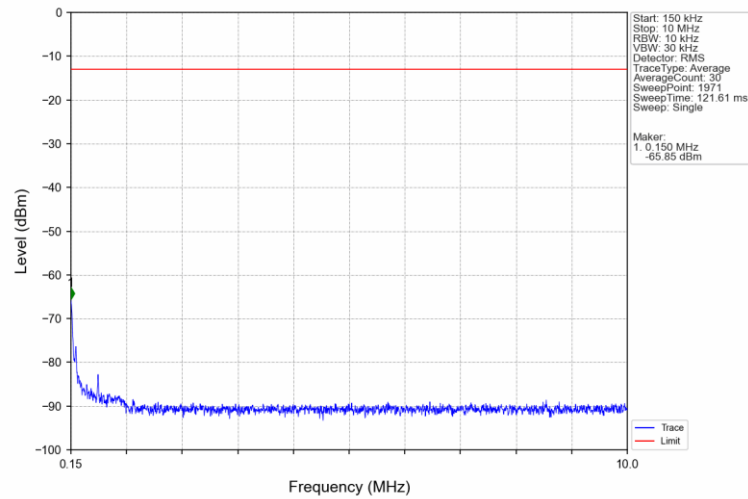
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV
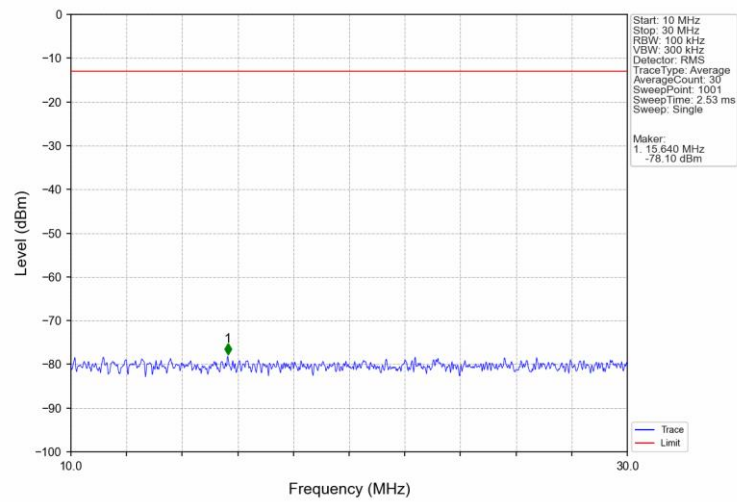
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV
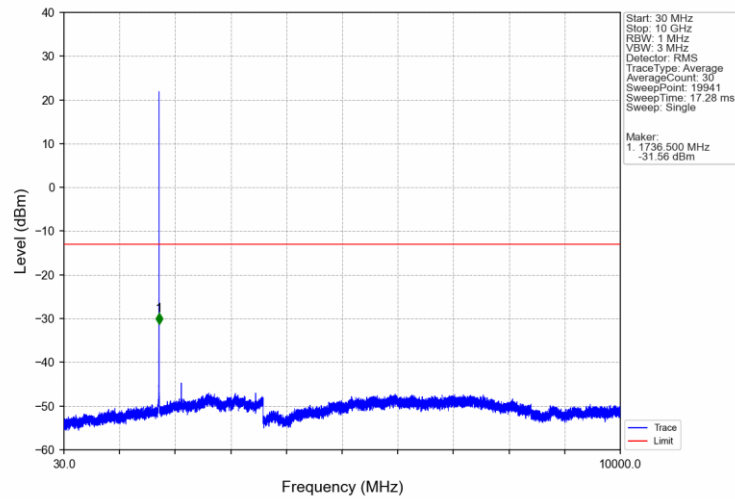
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV
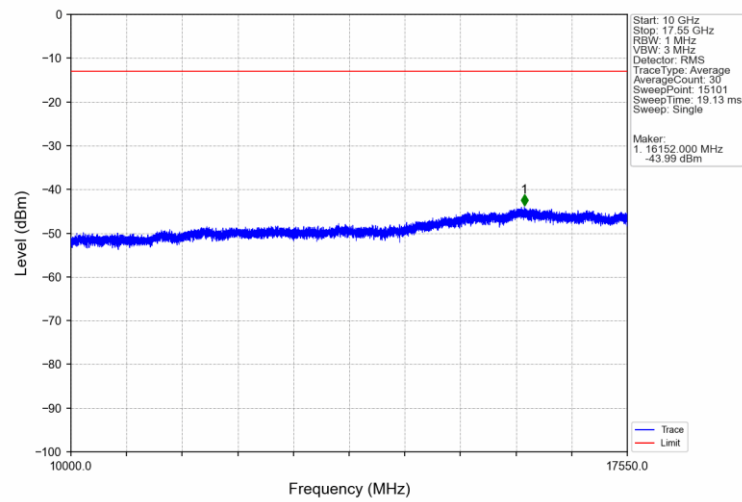
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV
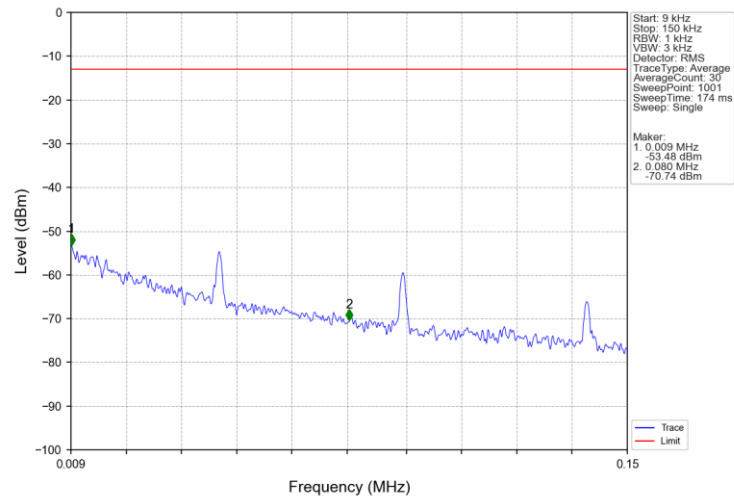
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV
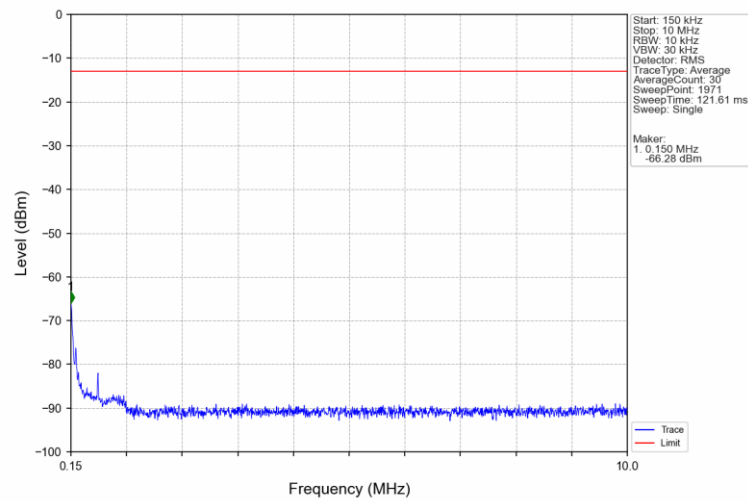
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV
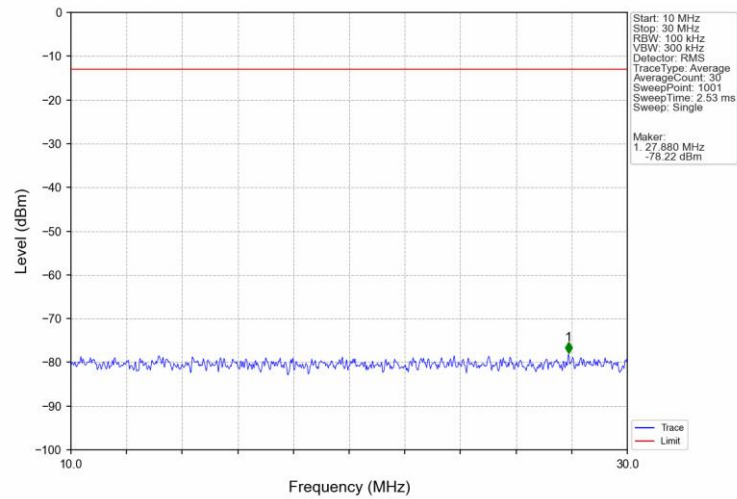
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV
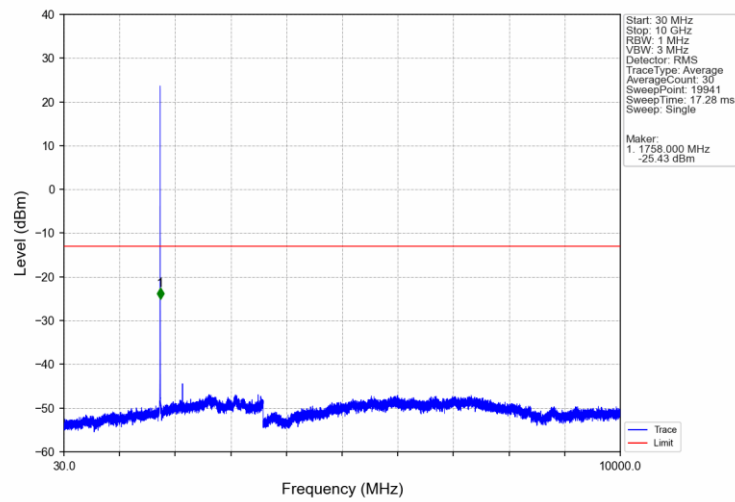
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV
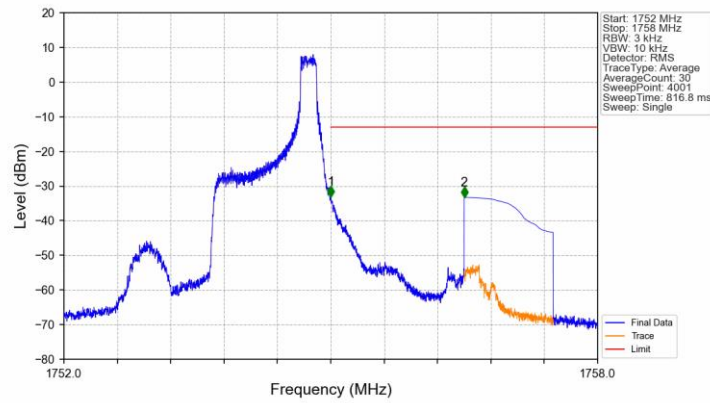
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-33.19	-13	Pass
1756	1758	1	CHP	2	1756.500	-33.27	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.035	-34.45	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.92	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.497	-34.40	-13	Pass
1709	1710	0.003	/	2	1709.998	-33.30	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV
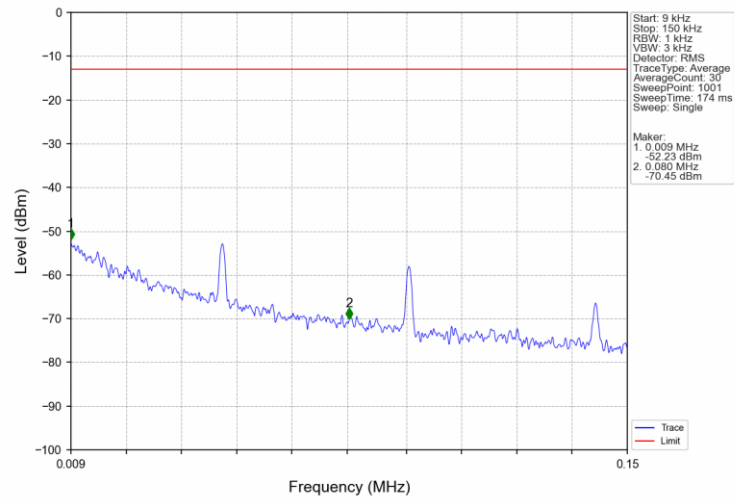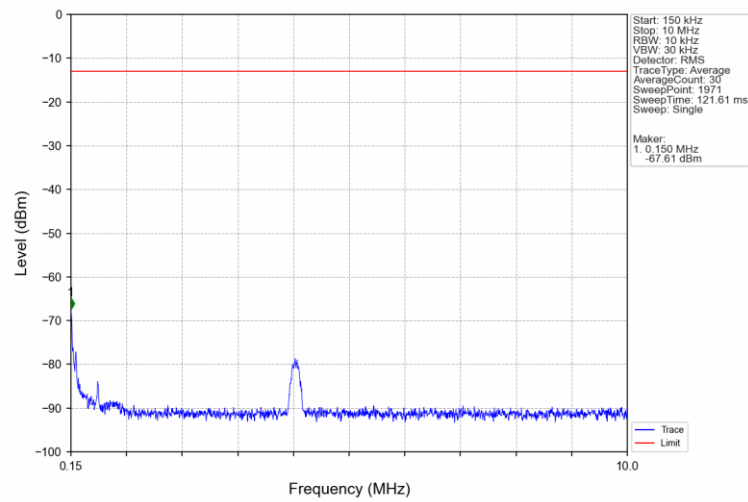
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV
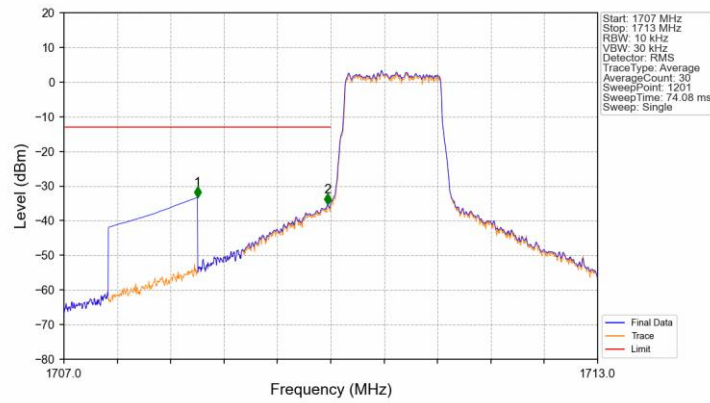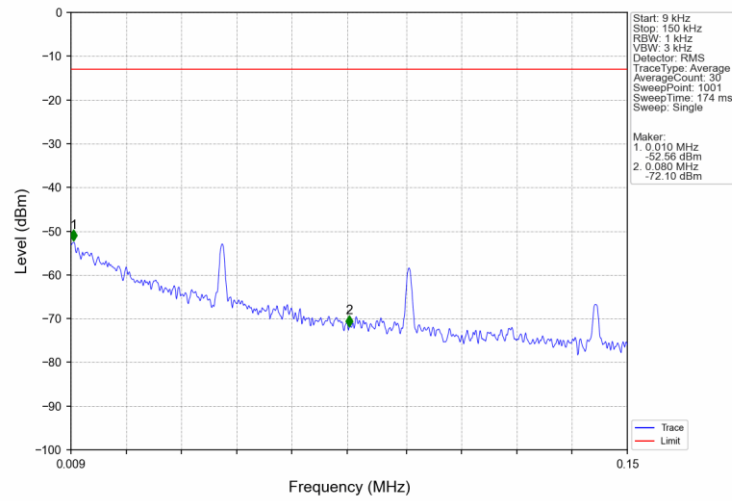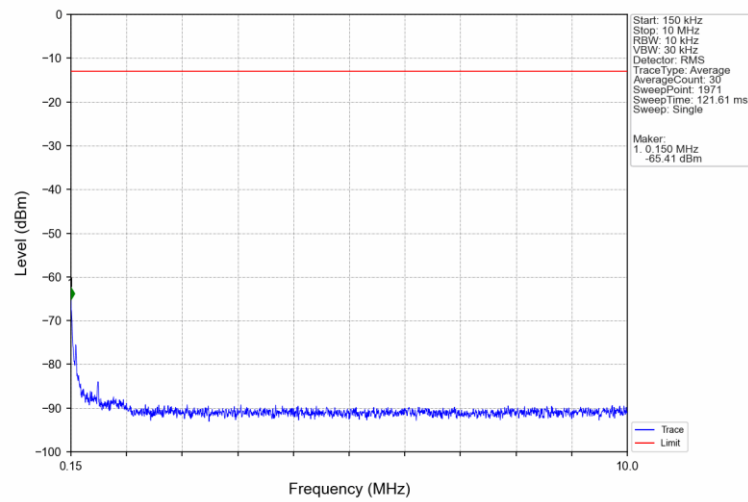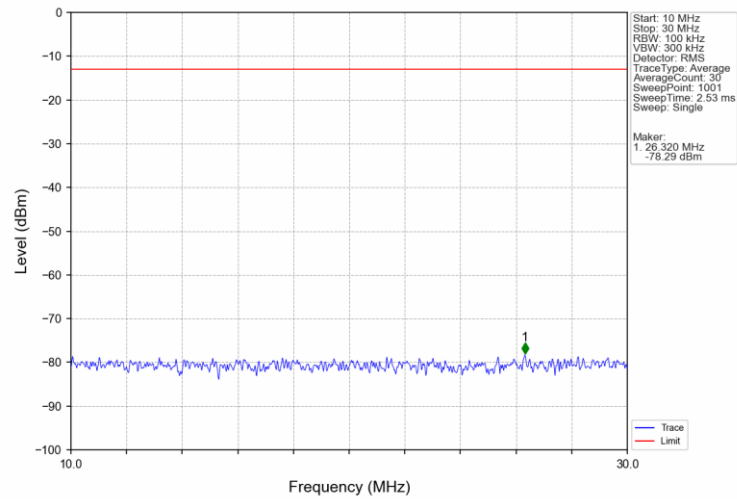
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

Start: 10 GHz
Stop: 17.55 GHz
RBW: 1 MHz
VBW: 3 MHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 15101
SweepTime: 19.13 ms
Sweep: Single

Maker:
1. 16292.500 MHz
   -44.28 dBm

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

Start: 1707 MHz
Stop: 1713 MHz
RBW: 10 kHz
VBW: 30 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1201
SweepTime: 74.08 ms
Sweep: Single
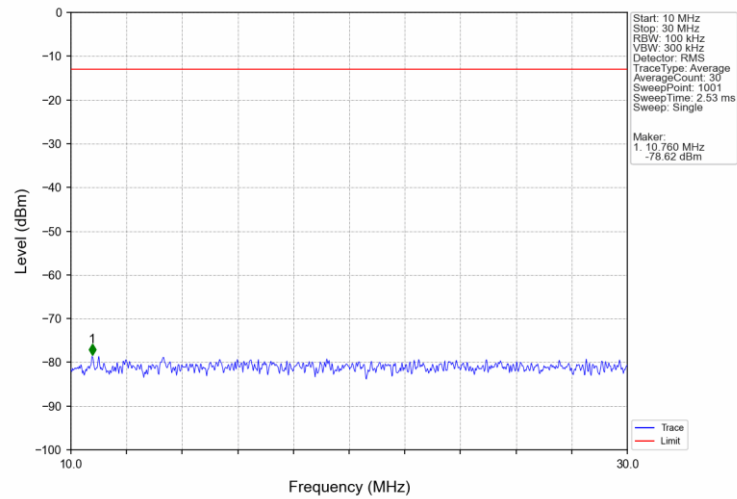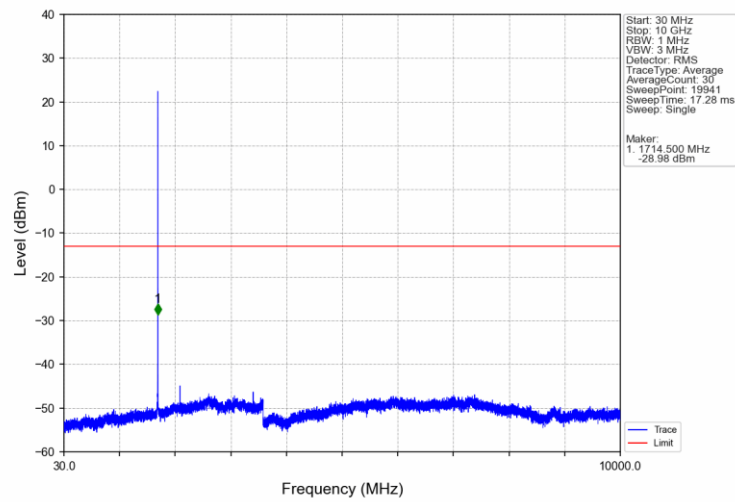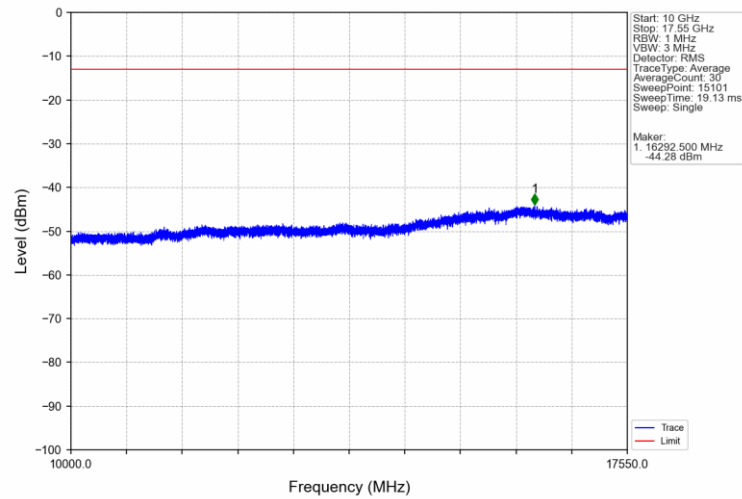
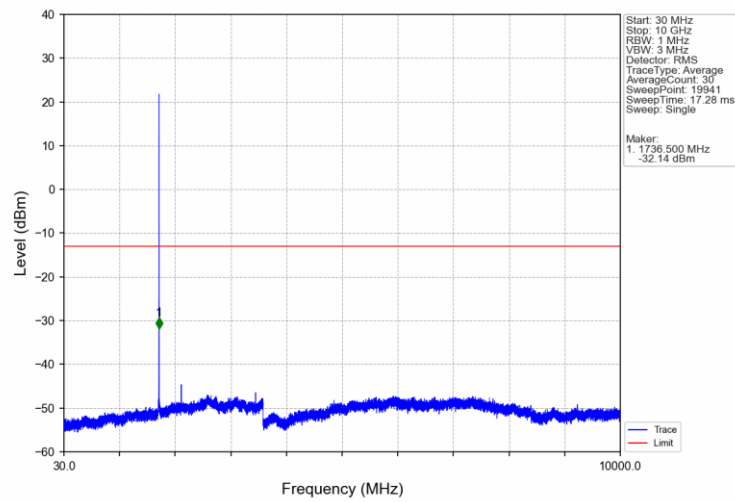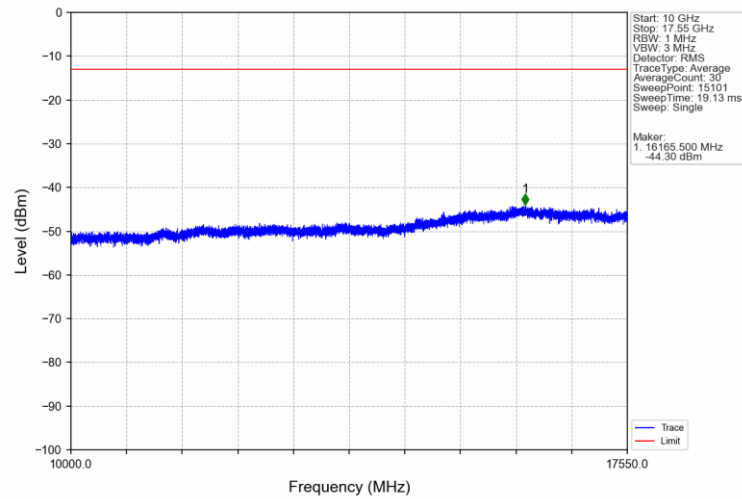| Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-33.33	-13	Pass
1709	1710	0.013	CHP	2	1709.965	-35.29	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV
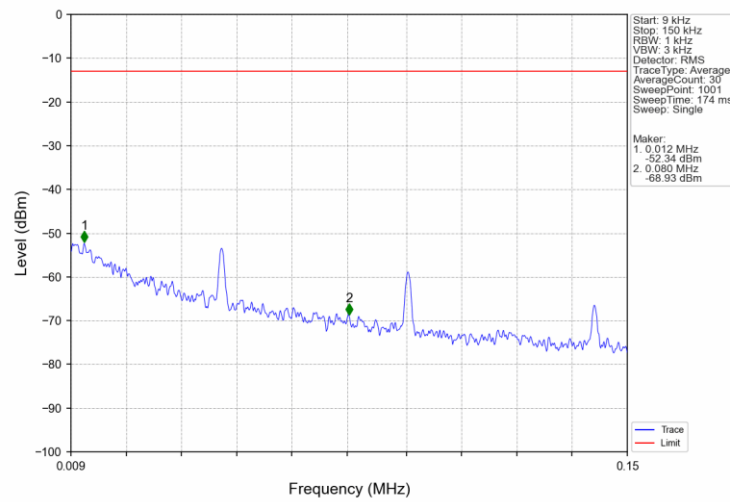
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

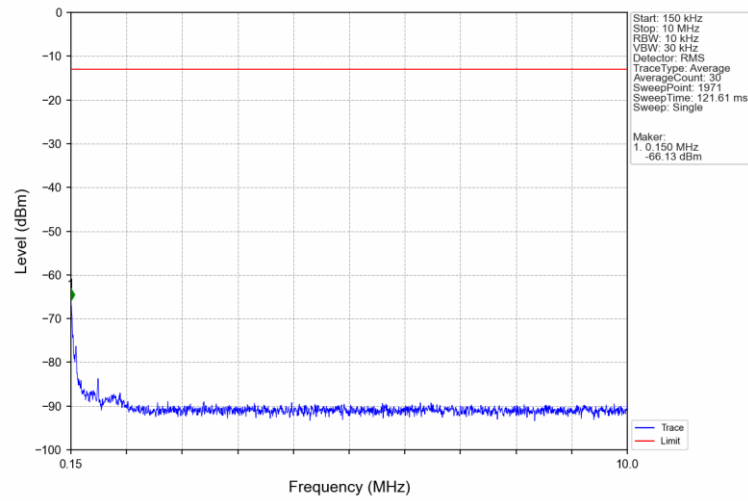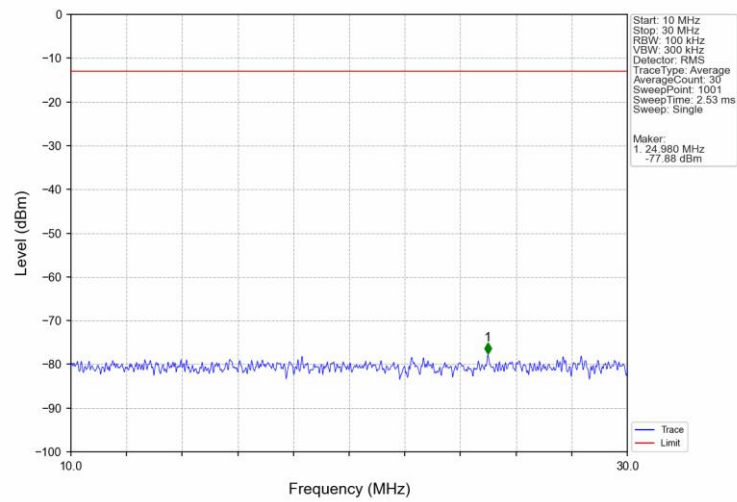Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

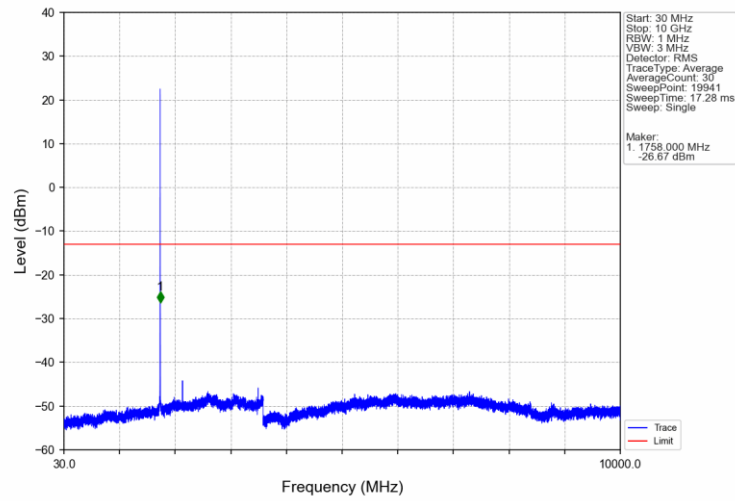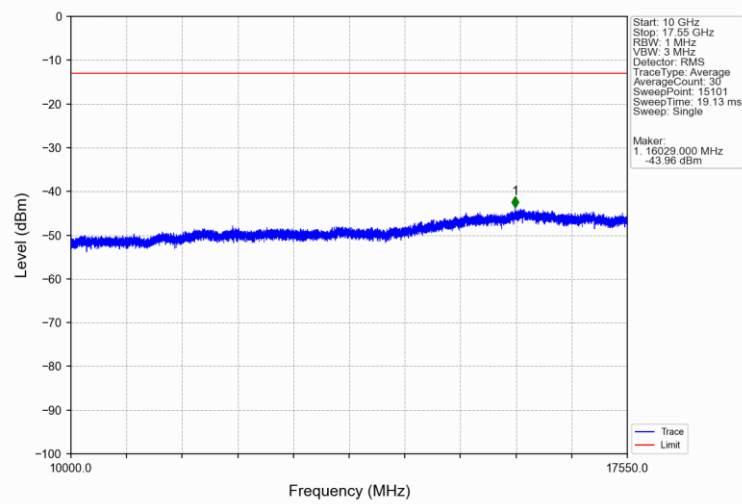| Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV |
| --- |

Start: 150 kHz
Stop: 10 MHz
RBW: 10 kHz
VBW: 30 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1971
SweepTime: 121.61 ms
Sweep: Single

Maker:
1. 0.150 MHz
   -66.13 dBm

Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

Start: 10 MHz
Stop: 30 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 2.53 ms
Sweep: Single

Maker:
1. 24.980 MHz
   -77.88 dBm

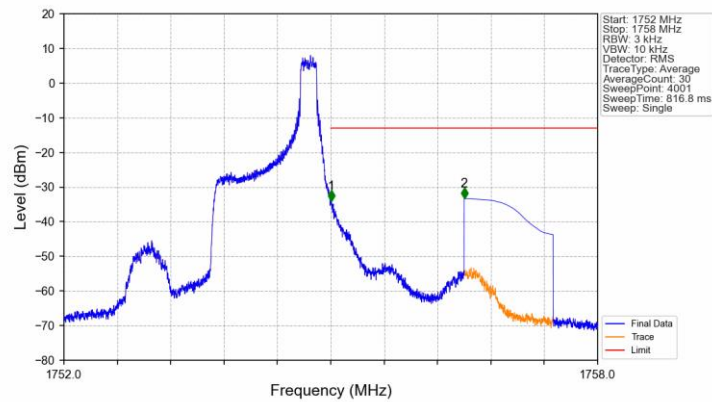Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV

Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV
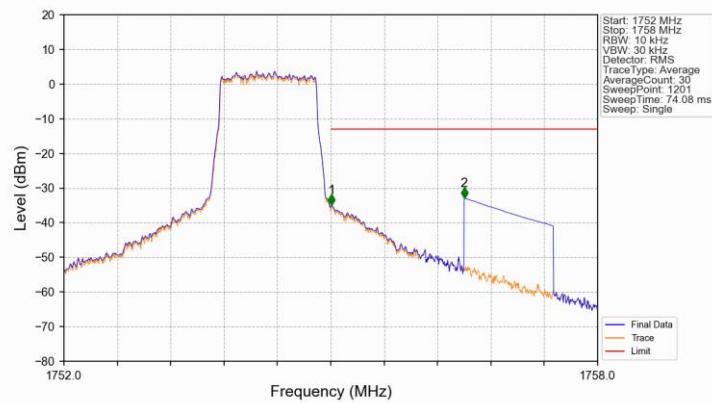
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV

Start: 1752 MHz
Stop: 1758 MHz
RBW: 3 kHz
VBW: 10 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 4001
SweepTime: 816.8 ms
Sweep: Single

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-34.05	-13	Pass
1756	1758	1	CHP	2	1756.500	-33.34	-13	Pass

Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

Start: 1752 MHz
Stop: 1758 MHz
RBW: 10 kHz
VBW: 30 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1201
SweepTime: 74.08 ms
Sweep: Single

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.010	-34.97	-13	Pass
1756	1758	1	CHP	2	1756.500	-32.90	-13	Pass

6.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV
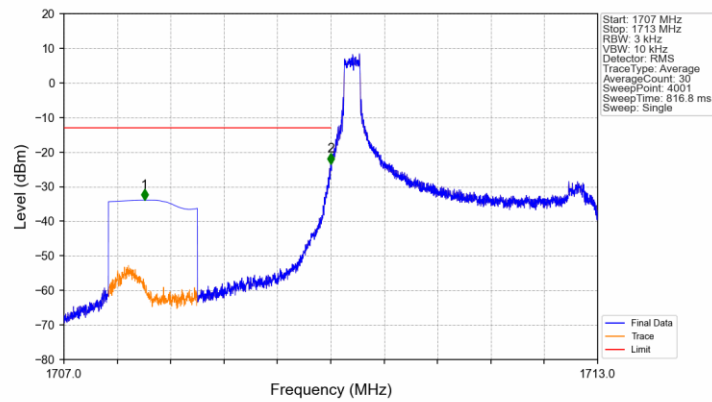
Start: 1707 MHz
Stop: 1713 MHz
RBW: 3 kHz
VBW: 10 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 4001
SweepTime: 816.8 ms
Sweep: Single

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.906	-33.91	-13	Pass
1709	1710	0.003	/	2	1709.998	-23.39	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV
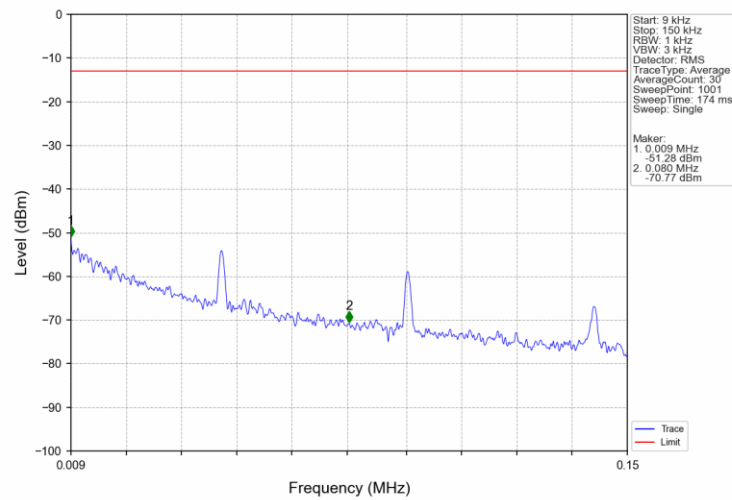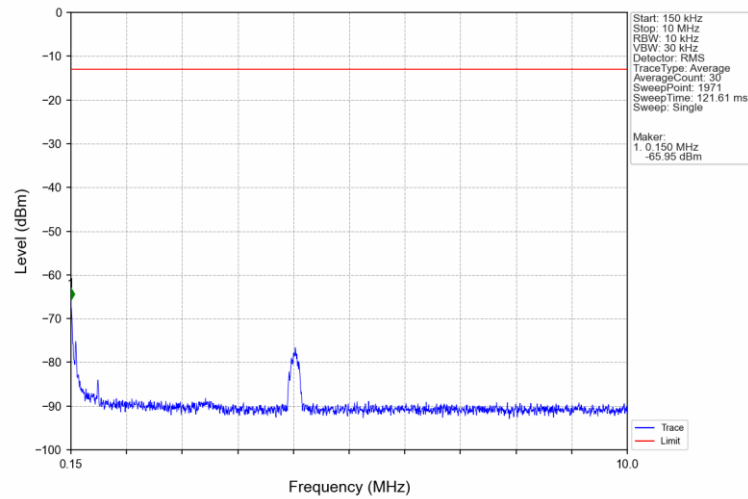
Start: 9 kHz
Stop: 150 kHz
RBW: 1 kHz
VBW: 3 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 174 ms
Sweep: Single

Maker:
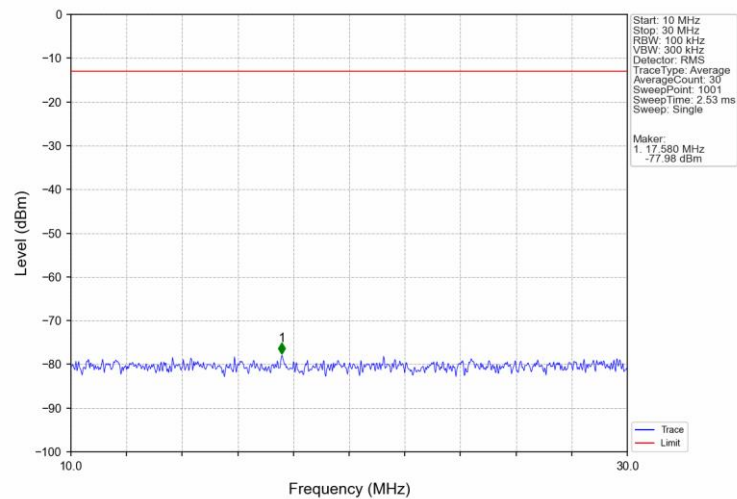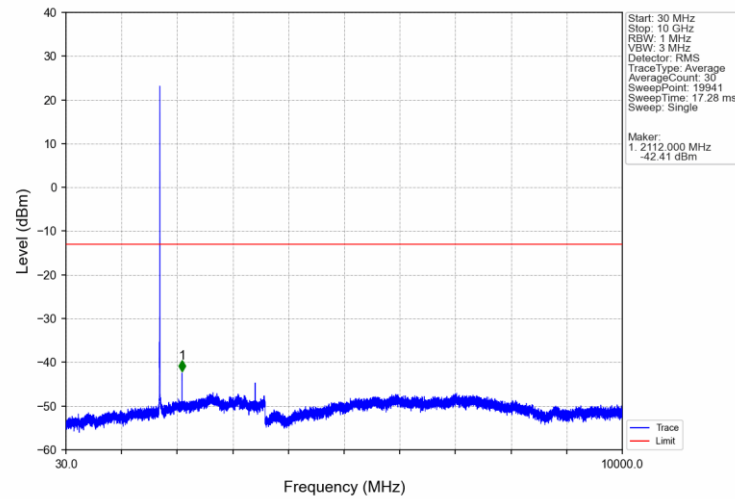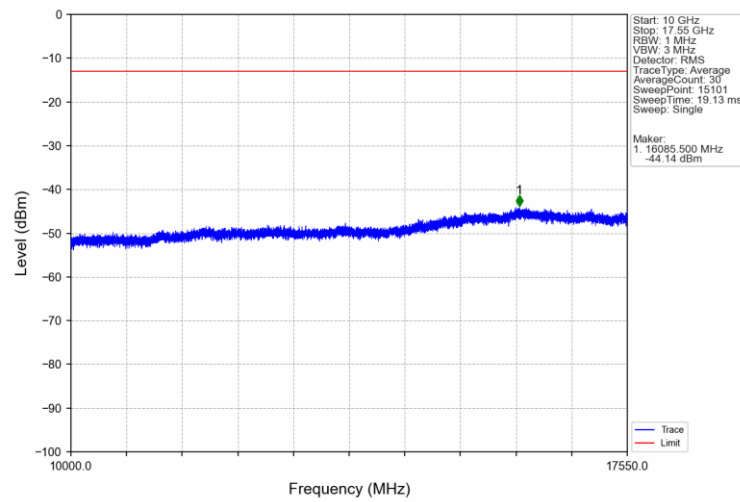1. 0.009 MHz
   -51.28 dBm
2. 0.080 MHz
   -70.77 dBm

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV
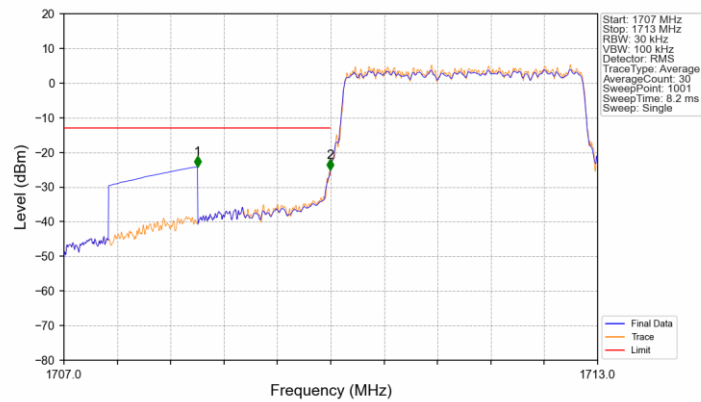

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

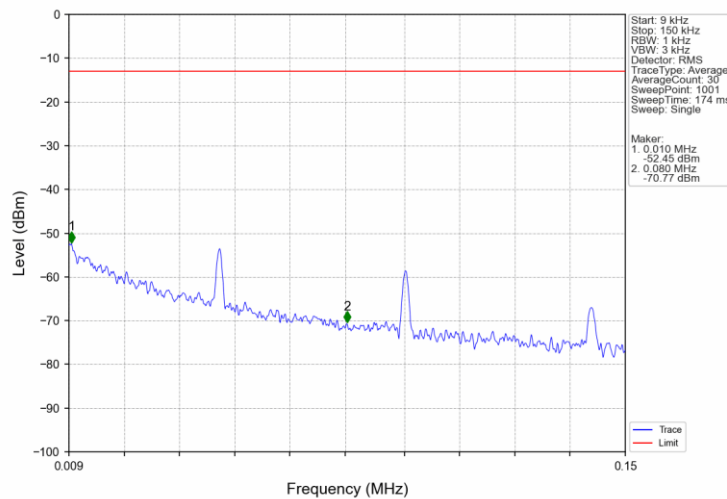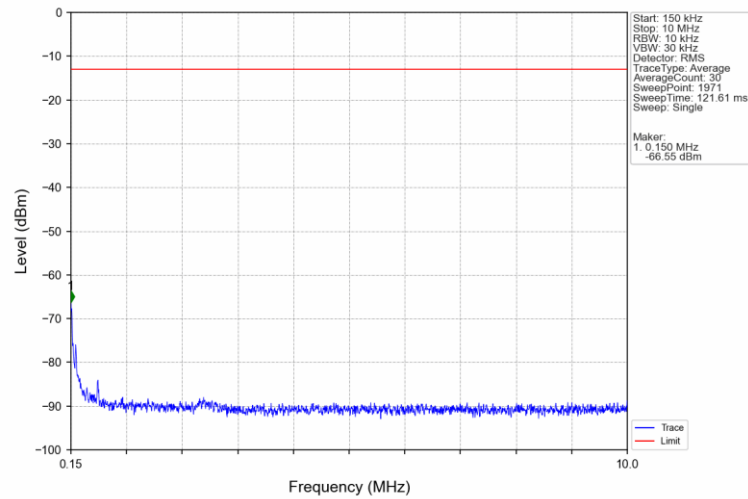Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-24.17	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-25.06	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Start: 150 kHz
Stop: 10 MHz
RBW: 10 kHz
VBW: 30 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1971
SweepTime: 121.61 ms
Sweep: Single

Maker:
1. 0.150 MHz
   -66.55 dBm

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Start: 10 MHz
Stop: 30 MHz
RBW: 100 kHz
VBW: 300 kHz
Detector: RMS
TraceType: Average
AverageCount: 30
SweepPoint: 1001
SweepTime: 2.53 ms
Sweep: Single

Maker:
1. 23.460 MHz
   -77.76 dBm

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV