

1.1.1 B4_1.4MHz_EIRP

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	21.58	-2.5	19.08	<=30	Pass
			7	22.13	-2.5	19.63	<=30	Pass
			14	21.3	-2.5	18.8	<=30	Pass
		8	0	20.4	-2.5	17.9	<=30	Pass
			4	20.68	-2.5	18.18	<=30	Pass
			7	20.41	-2.5	17.91	<=30	Pass
		15	0	20.41	-2.5	17.91	<=30	Pass
	1732.5	1	0	21.25	-2.5	18.75	<=30	Pass
			7	22.61	-2.5	20.11	<=30	Pass
			14	21.7	-2.5	19.2	<=30	Pass
		8	0	21.11	-2.5	18.61	<=30	Pass
			4	21.37	-2.5	18.87	<=30	Pass
			7	21.11	-2.5	18.61	<=30	Pass
		15	0	21.09	-2.5	18.59	<=30	Pass
	1753.5	1	0	21.55	-2.5	19.05	<=30	Pass
			7	22.05	-2.5	19.55	<=30	Pass
			14	21.72	-2.5	19.22	<=30	Pass
		8	0	20.55	-2.5	18.05	<=30	Pass
			4	20.8	-2.5	18.3	<=30	Pass
			7	20.5	-2.5	18	<=30	Pass
		15	0	20.51	-2.5	18.01	<=30	Pass
16QAM	1711.5	1	0	21.18	-2.5	18.68	<=30	Pass
			7	21.71	-2.5	19.21	<=30	Pass
			14	20.77	-2.5	18.27	<=30	Pass
		8	0	19.53	-2.5	17.03	<=30	Pass
			4	19.85	-2.5	17.35	<=30	Pass
			7	19.6	-2.5	17.1	<=30	Pass
		15	0	19.47	-2.5	16.97	<=30	Pass
	1732.5	1	0	20.35	-2.5	17.85	<=30	Pass
			7	21.77	-2.5	19.27	<=30	Pass
			14	20.85	-2.5	18.35	<=30	Pass
		8	0	20.14	-2.5	17.64	<=30	Pass
			4	20.42	-2.5	17.92	<=30	Pass
			7	20.15	-2.5	17.65	<=30	Pass
		15	0	20.11	-2.5	17.61	<=30	Pass
	1753.5	1	0	20.41	-2.5	17.91	<=30	Pass
			7	20.97	-2.5	18.47	<=30	Pass
			14	20.69	-2.5	18.19	<=30	Pass
		8	0	19.64	-2.5	17.14	<=30	Pass
			4	19.86	-2.5	17.36	<=30	Pass
			7	19.55	-2.5	17.05	<=30	Pass
		15	0	19.57	-2.5	17.07	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1712.5	1	0	21.54	-2.5	19.04	<=30	Pass		
			13	21.44	-2.5	18.94	<=30	Pass		
			24	21.44	-2.5	18.94	<=30	Pass		
		12	0	20.46	-2.5	17.96	<=30	Pass		
			6	20.52	-2.5	18.02	<=30	Pass		
			13	20.47	-2.5	17.97	<=30	Pass		
		25	0	20.44	-2.5	17.94	<=30	Pass		
		1732.5	1	0	22.12	-2.5	19.62	<=30	Pass	
				13	21.93	-2.5	19.43	<=30	Pass	
	24			21.49	-2.5	18.99	<=30	Pass		
	12		0	21.1	-2.5	18.6	<=30	Pass		
			6	21.12	-2.5	18.62	<=30	Pass		
			13	21.09	-2.5	18.59	<=30	Pass		
	25	0	21.1	-2.5	18.6	<=30	Pass			
	1752.5	1	0	21.66	-2.5	19.16	<=30	Pass		
			13	21.42	-2.5	18.92	<=30	Pass		
			24	21.37	-2.5	18.87	<=30	Pass		
		12	0	20.62	-2.5	18.12	<=30	Pass		
			6	20.56	-2.5	18.06	<=30	Pass		
			13	20.93	-2.5	18.43	<=30	Pass		
		25	0	20.51	-2.5	18.01	<=30	Pass		
		16QAM	1712.5	1	0	20.34	-2.5	17.84	<=30	Pass
					13	20.24	-2.5	17.74	<=30	Pass
	24				20.23	-2.5	17.73	<=30	Pass	
12	0			19.46	-2.5	16.96	<=30	Pass		
	6			19.52	-2.5	17.02	<=30	Pass		
	13			19.48	-2.5	16.98	<=30	Pass		
25	0			19.46	-2.5	16.96	<=30	Pass		
1732.5	1			0	21.33	-2.5	18.83	<=30	Pass	
				13	21.19	-2.5	18.69	<=30	Pass	
			24	20.27	-2.5	17.77	<=30	Pass		
	12		0	20.18	-2.5	17.68	<=30	Pass		
			6	20.2	-2.5	17.7	<=30	Pass		
			13	20.19	-2.5	17.69	<=30	Pass		
25	0		20.12	-2.5	17.62	<=30	Pass			
1752.5	1		0	20.78	-2.5	18.28	<=30	Pass		
			13	20.54	-2.5	18.04	<=30	Pass		
			24	20.47	-2.5	17.97	<=30	Pass		
	12		0	19.64	-2.5	17.14	<=30	Pass		
			6	19.59	-2.5	17.09	<=30	Pass		
			13	19.96	-2.5	17.46	<=30	Pass		
	25		0	19.58	-2.5	17.08	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.14	-2.5	19.64	<=30	Pass
			25	21.75	-2.5	19.25	<=30	Pass
			49	21.65	-2.5	19.15	<=30	Pass
		25	0	21.2	-2.5	18.7	<=30	Pass
			13	21.27	-2.5	18.77	<=30	Pass
			25	20.69	-2.5	18.19	<=30	Pass
		50	0	20.68	-2.5	18.18	<=30	Pass
	1732.5	1	0	22.17	-2.5	19.67	<=30	Pass
			25	22.11	-2.5	19.61	<=30	Pass
			49	21.79	-2.5	19.29	<=30	Pass
		25	0	21.14	-2.5	18.64	<=30	Pass
			13	21.22	-2.5	18.72	<=30	Pass
			25	21.34	-2.5	18.84	<=30	Pass
		50	0	21.13	-2.5	18.63	<=30	Pass
	1750	1	0	21.06	-2.5	18.56	<=30	Pass
			25	21.69	-2.5	19.19	<=30	Pass
			49	21.38	-2.5	18.88	<=30	Pass
		25	0	20.9	-2.5	18.4	<=30	Pass
			13	20.72	-2.5	18.22	<=30	Pass
			25	21.17	-2.5	18.67	<=30	Pass
		50	0	20.68	-2.5	18.18	<=30	Pass
16QAM	1715	1	0	21.6	-2.5	19.1	<=30	Pass
			25	20.54	-2.5	18.04	<=30	Pass
			49	20.96	-2.5	18.46	<=30	Pass
		12	0	20.01	-2.5	17.51	<=30	Pass
			19	19.84	-2.5	17.34	<=30	Pass
			38	19.7	-2.5	17.2	<=30	Pass
		27	0	20.01	-2.5	17.51	<=30	Pass
	1732.5	1	0	21.3	-2.5	18.8	<=30	Pass
			25	21.27	-2.5	18.77	<=30	Pass
			49	20.94	-2.5	18.44	<=30	Pass
		12	0	20.96	-2.5	18.46	<=30	Pass
			19	20.7	-2.5	18.2	<=30	Pass
			38	20.18	-2.5	17.68	<=30	Pass
		27	0	20.21	-2.5	17.71	<=30	Pass
	1750	1	0	20.28	-2.5	17.78	<=30	Pass
			25	20.63	-2.5	18.13	<=30	Pass
			49	20.38	-2.5	17.88	<=30	Pass
		12	0	20.99	-2.5	18.49	<=30	Pass
			19	20.75	-2.5	18.25	<=30	Pass
			38	20.73	-2.5	18.23	<=30	Pass
		27	23	20.25	-2.5	17.75	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1717.5	1	0	22.02	-2.5	19.52	<=30	Pass		
			38	21.65	-2.5	19.15	<=30	Pass		
			74	21.26	-2.5	18.76	<=30	Pass		
		36	0	20.29	-2.5	17.79	<=30	Pass		
			18	20.5	-2.5	18	<=30	Pass		
			39	20.74	-2.5	18.24	<=30	Pass		
		75	0	20.7	-2.5	18.2	<=30	Pass		
		1732.5	1	0	22.02	-2.5	19.52	<=30	Pass	
				38	22.02	-2.5	19.52	<=30	Pass	
	74			21.35	-2.5	18.85	<=30	Pass		
	36		0	20.39	-2.5	17.89	<=30	Pass		
			18	20.73	-2.5	18.23	<=30	Pass		
			39	21.05	-2.5	18.55	<=30	Pass		
	75	0	21.1	-2.5	18.6	<=30	Pass			
	1747.5	1	0	21.78	-2.5	19.28	<=30	Pass		
			38	21.68	-2.5	19.18	<=30	Pass		
			74	21.55	-2.5	19.05	<=30	Pass		
		36	0	21.2	-2.5	18.7	<=30	Pass		
			18	20.98	-2.5	18.48	<=30	Pass		
			39	20.93	-2.5	18.43	<=30	Pass		
		75	0	20.75	-2.5	18.25	<=30	Pass		
		16QAM	1717.5	1	0	20.56	-2.5	18.06	<=30	Pass
					38	20.25	-2.5	17.75	<=30	Pass
	74				20.56	-2.5	18.06	<=30	Pass	
	12			0	19.24	-2.5	16.74	<=30	Pass	
				31	19.8	-2.5	17.3	<=30	Pass	
				63	19.67	-2.5	17.17	<=30	Pass	
27	0			20.26	-2.5	17.76	<=30	Pass		
1732.5	1			0	21.13	-2.5	18.63	<=30	Pass	
				38	21.19	-2.5	18.69	<=30	Pass	
			74	20.36	-2.5	17.86	<=30	Pass		
	12		0	20.12	-2.5	17.62	<=30	Pass		
			31	20.2	-2.5	17.7	<=30	Pass		
			63	20.67	-2.5	18.17	<=30	Pass		
27	0		20.37	-2.5	17.87	<=30	Pass			
1747.5	1		0	21.07	-2.5	18.57	<=30	Pass		
			38	21.06	-2.5	18.56	<=30	Pass		
			74	20.24	-2.5	17.74	<=30	Pass		
	12		0	20.38	-2.5	17.88	<=30	Pass		
			31	20.76	-2.5	18.26	<=30	Pass		
			63	19.8	-2.5	17.3	<=30	Pass		
	27		48	20.16	-2.5	17.66	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1720	1	0	22.1	-2.5	19.6	<=30	Pass		
			50	21.97	-2.5	19.47	<=30	Pass		
			99	21.17	-2.5	18.67	<=30	Pass		
		50	0	21.57	-2.5	19.07	<=30	Pass		
			25	20.85	-2.5	18.35	<=30	Pass		
			50	20.69	-2.5	18.19	<=30	Pass		
		100	0	20.63	-2.5	18.13	<=30	Pass		
		1732.5	1	0	22.08	-2.5	19.58	<=30	Pass	
				50	22.23	-2.5	19.73	<=30	Pass	
	99			21.5	-2.5	19	<=30	Pass		
	50		0	20.74	-2.5	18.24	<=30	Pass		
			25	21.2	-2.5	18.7	<=30	Pass		
			50	20.87	-2.5	18.37	<=30	Pass		
	100	0	20.77	-2.5	18.27	<=30	Pass			
	1745	1	0	21.74	-2.5	19.24	<=30	Pass		
			50	21.8	-2.5	19.3	<=30	Pass		
			99	21.88	-2.5	19.38	<=30	Pass		
		50	0	21.09	-2.5	18.59	<=30	Pass		
			25	20.74	-2.5	18.24	<=30	Pass		
			50	20.48	-2.5	17.98	<=30	Pass		
		100	0	20.49	-2.5	17.99	<=30	Pass		
		16QAM	1720	1	0	20.51	-2.5	18.01	<=30	Pass
					50	20.17	-2.5	17.67	<=30	Pass
	99				20.39	-2.5	17.89	<=30	Pass	
12	0			19.27	-2.5	16.77	<=30	Pass		
	44			19.98	-2.5	17.48	<=30	Pass		
	88			19.52	-2.5	17.02	<=30	Pass		
27	0			20.35	-2.5	17.85	<=30	Pass		
1732.5	1			0	21.3	-2.5	18.8	<=30	Pass	
				50	21.48	-2.5	18.98	<=30	Pass	
			99	20.1	-2.5	17.6	<=30	Pass		
	12		0	20.08	-2.5	17.58	<=30	Pass		
			44	20.27	-2.5	17.77	<=30	Pass		
			88	20.13	-2.5	17.63	<=30	Pass		
27	0		20.5	-2.5	18	<=30	Pass			
1745	1		0	21.25	-2.5	18.75	<=30	Pass		
			50	21.35	-2.5	18.85	<=30	Pass		
			99	21.43	-2.5	18.93	<=30	Pass		
	12		0	20.96	-2.5	18.46	<=30	Pass		
			44	20.86	-2.5	18.36	<=30	Pass		
			88	20.43	-2.5	17.93	<=30	Pass		
	27		73	20.07	-2.5	17.57	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 Test Result

2.1.1 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1732.5	50	0	20	3.4	-22.926	-0.0132	-2.5 to 2.5	Pass
					3.6	-3.204	-0.0018	-2.5 to 2.5	Pass
					4.2	-3.833	-0.0022	-2.5 to 2.5	Pass
				-30	3.6	-4.115	-0.0024	-2.5 to 2.5	Pass
				-20	3.6	-4.683	-0.0027	-2.5 to 2.5	Pass
				-10	3.6	-6.870	-0.0040	-2.5 to 2.5	Pass
				0	3.6	-6.171	-0.0036	-2.5 to 2.5	Pass
				10	3.6	-4.920	-0.0028	-2.5 to 2.5	Pass
				30	3.6	-5.031	-0.0029	-2.5 to 2.5	Pass
				40	3.6	-5.744	-0.0033	-2.5 to 2.5	Pass
				50	3.6	-5.943	-0.0034	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

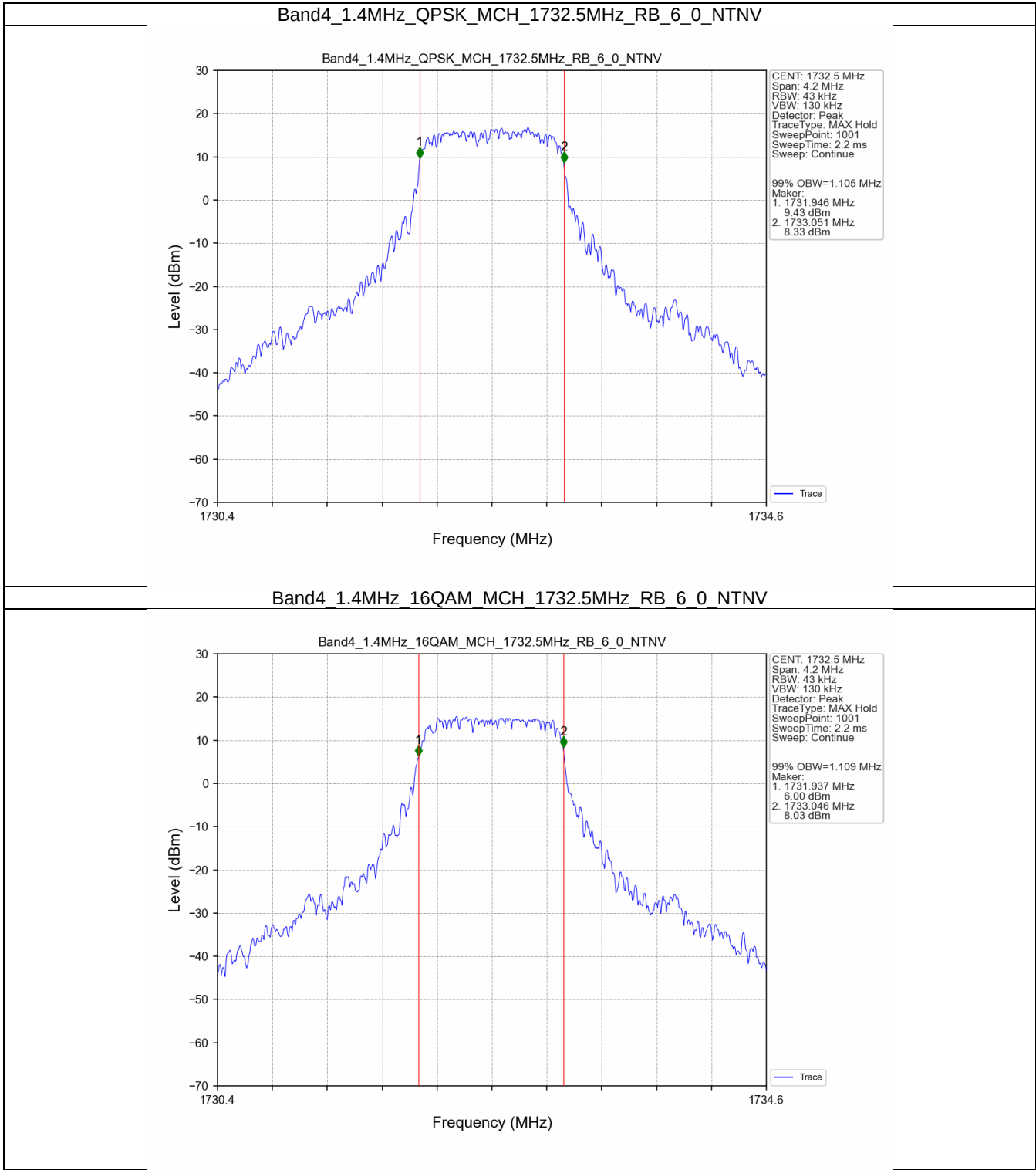
Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.105	/	Pass
	16QAM	1732.5	6	0	1.109	/	Pass
3	QPSK	1732.5	15	0	2.718	/	Pass
	16QAM	1732.5	15	0	2.722	/	Pass
5	QPSK	1732.5	25	0	4.547	/	Pass
	16QAM	1732.5	25	0	4.534	/	Pass
10	QPSK	1732.5	50	0	9.005	/	Pass
	16QAM	1732.5	27	0	5.716	/	Pass
15	QPSK	1732.5	75	0	13.682	/	Pass
	16QAM	1732.5	27	0	7.380	/	Pass
20	QPSK	1732.5	100	0	18.131	/	Pass
	16QAM	1732.5	27	0	10.009	/	Pass

3.1.2 Band4_XDB

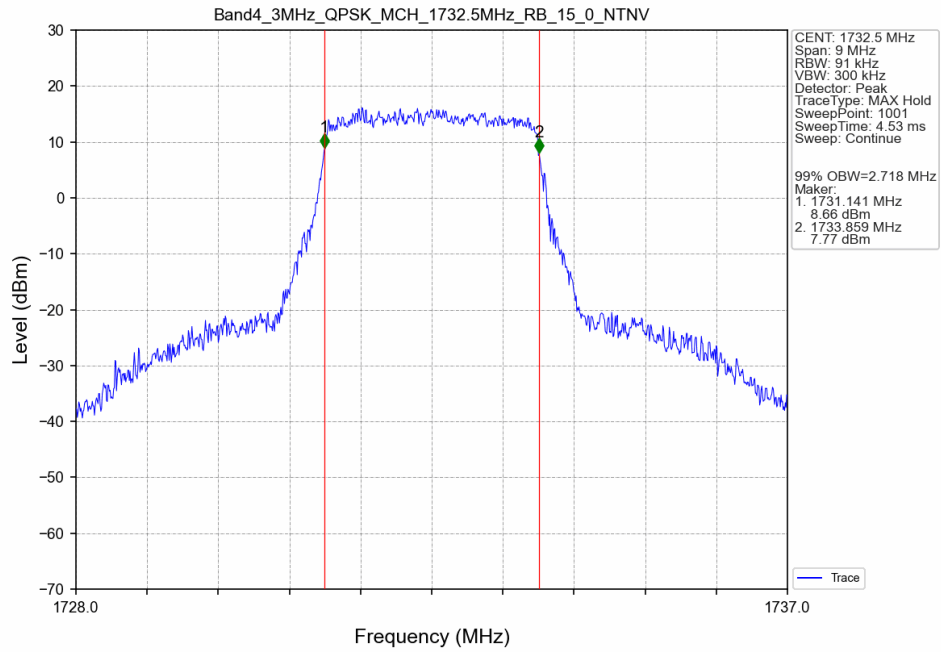
Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.557	/	Pass
	16QAM	1732.5	6	0	1.507	/	Pass
3	QPSK	1732.5	15	0	3.353	/	Pass
	16QAM	1732.5	15	0	3.305	/	Pass
5	QPSK	1732.5	25	0	5.134	/	Pass
	16QAM	1732.5	25	0	5.211	/	Pass
10	QPSK	1732.5	50	0	9.804	/	Pass
	16QAM	1732.5	27	0	8.994	/	Pass
15	QPSK	1732.5	75	0	16.826	/	Pass
	16QAM	1732.5	27	0	15.219	/	Pass
20	QPSK	1732.5	100	0	21.599	/	Pass
	16QAM	1732.5	27	0	18.363	/	Pass

3.2 Test Graph

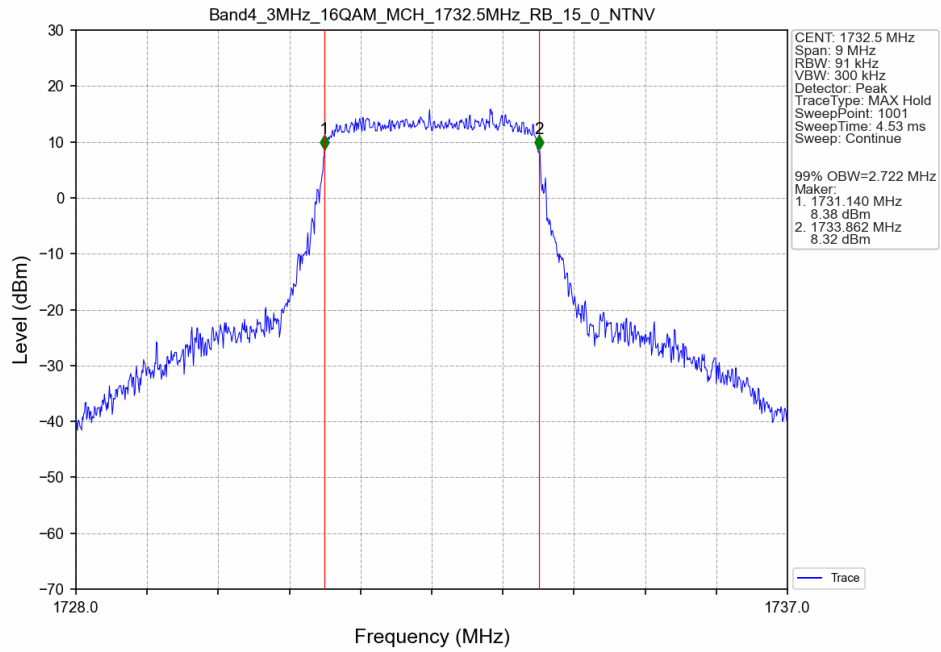
3.2.1 Band4_OBW



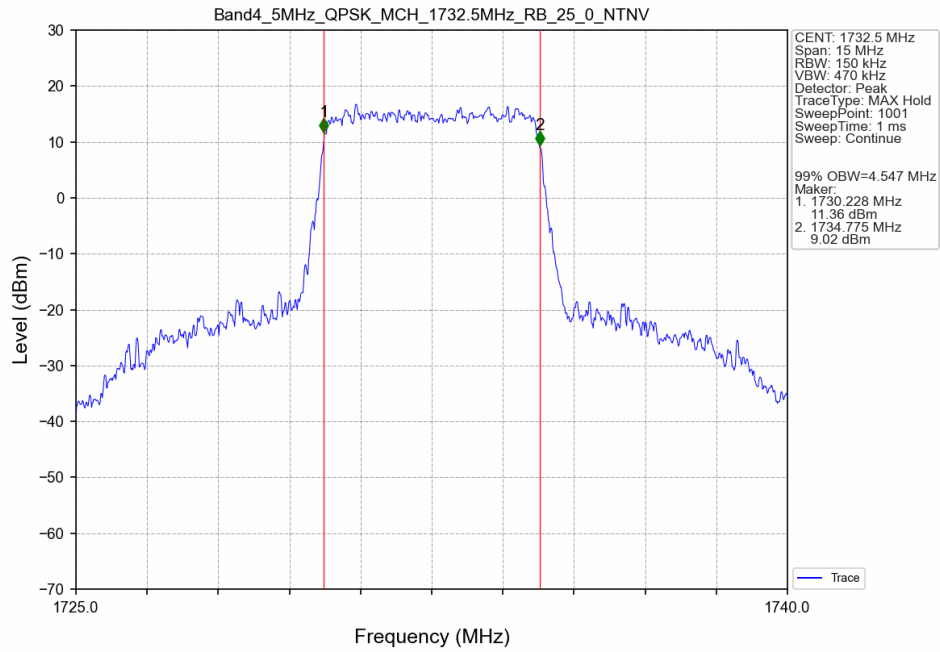
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTV



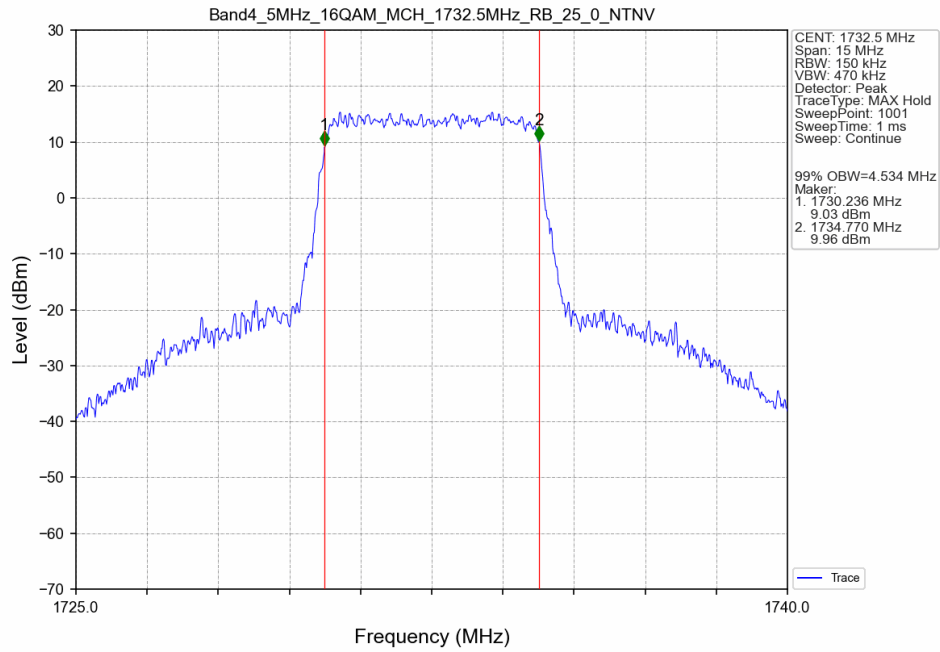
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTV



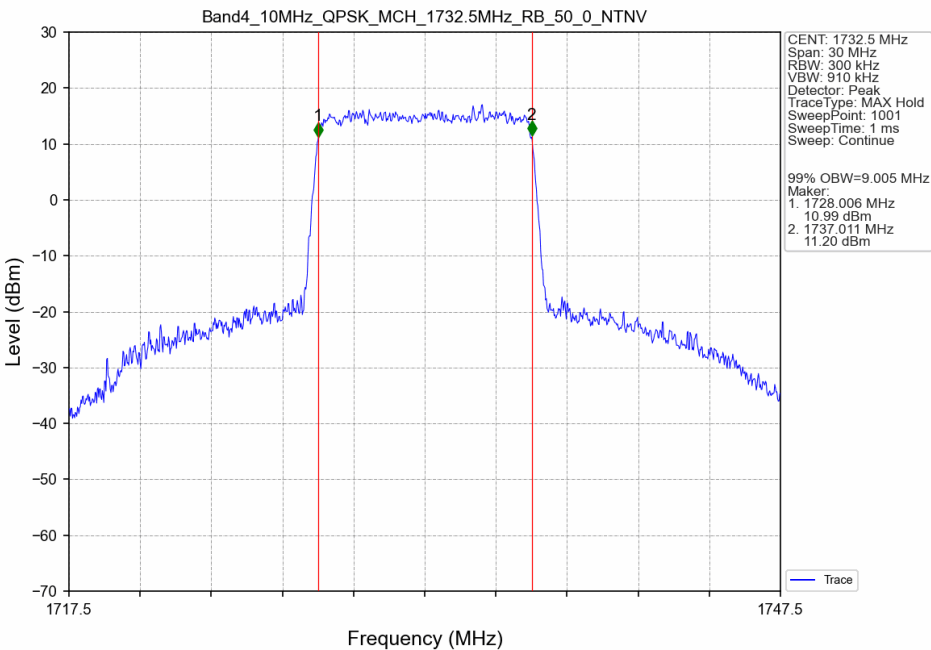
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



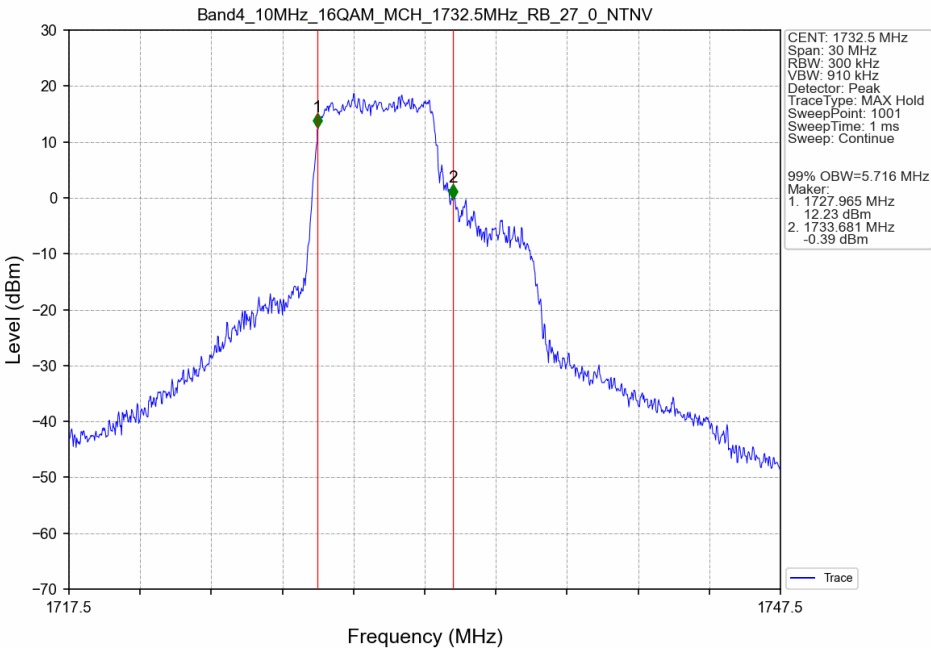
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



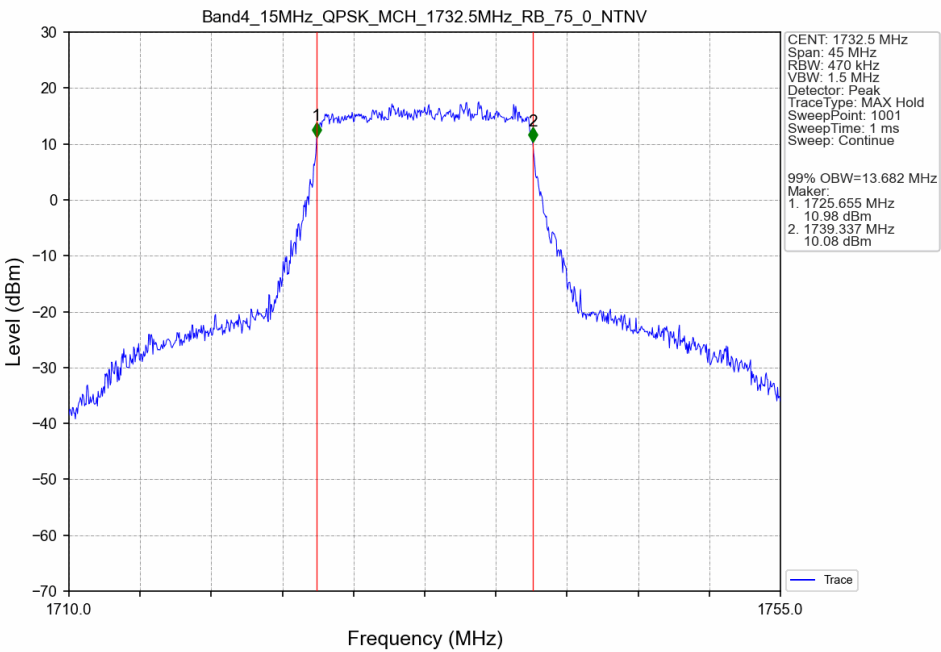
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTNV



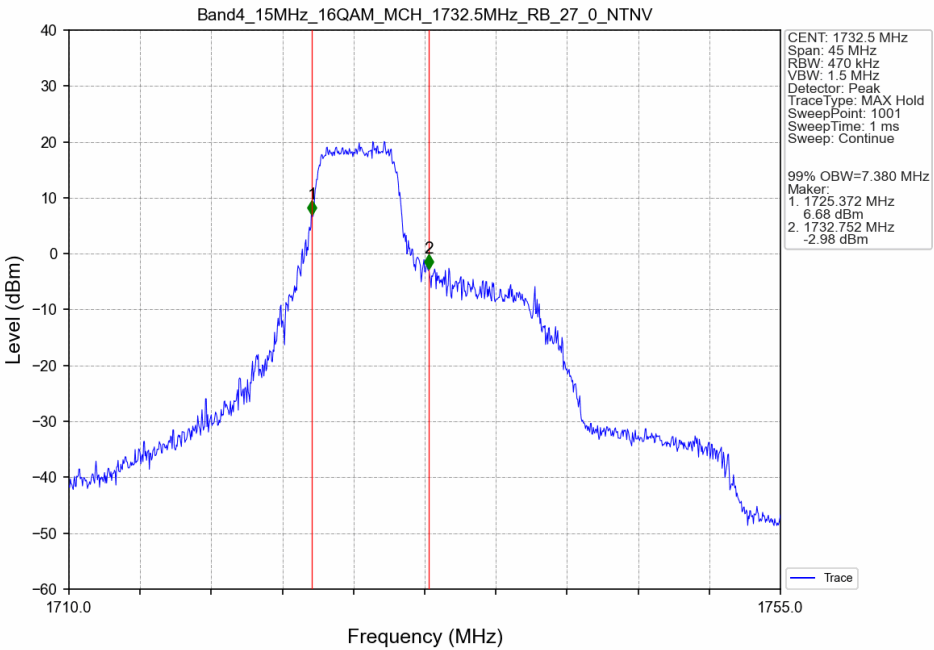
Band4 10MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



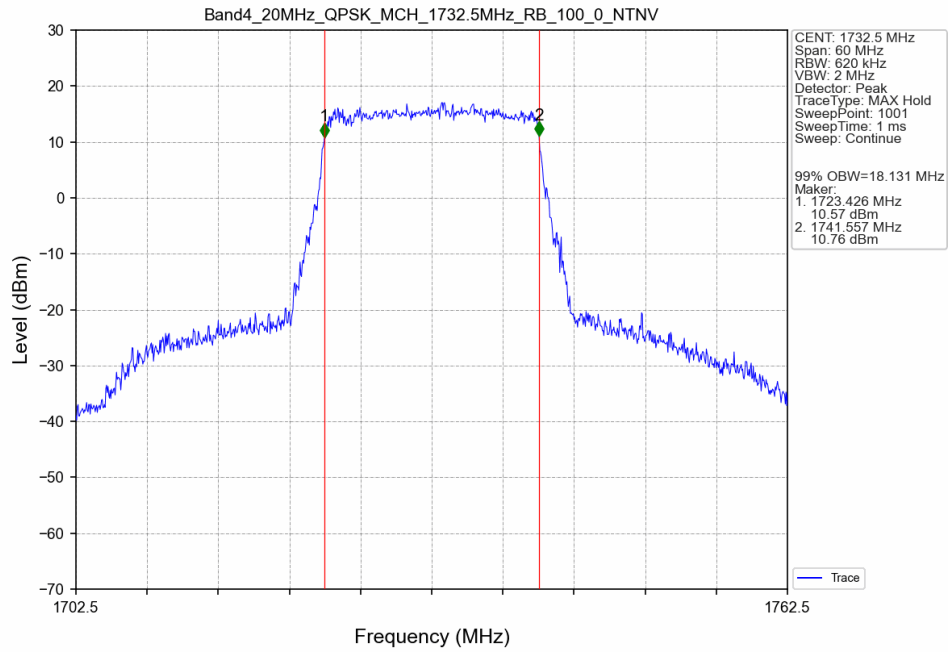
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



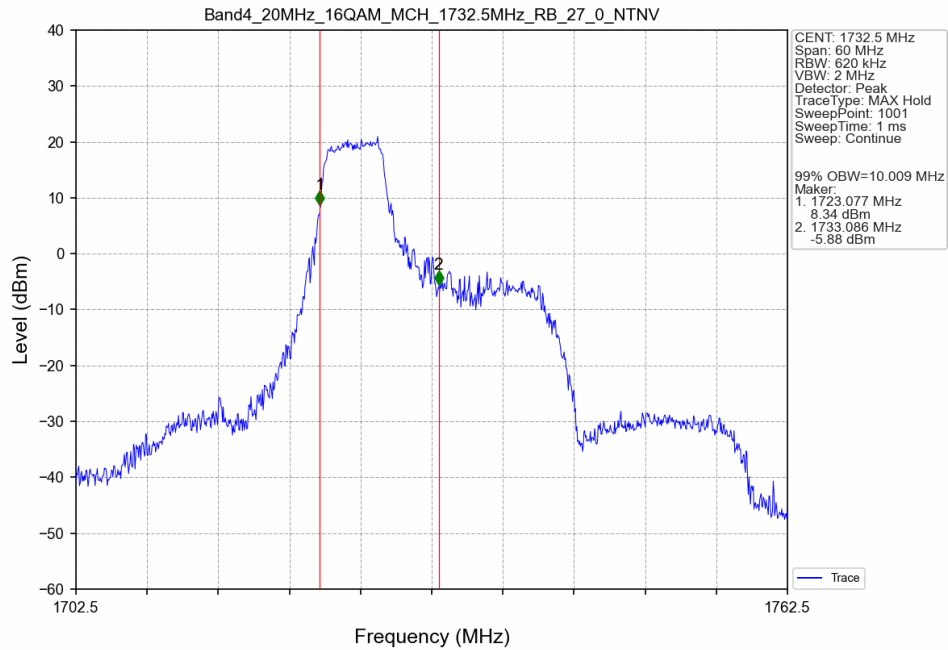
Band4 15MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



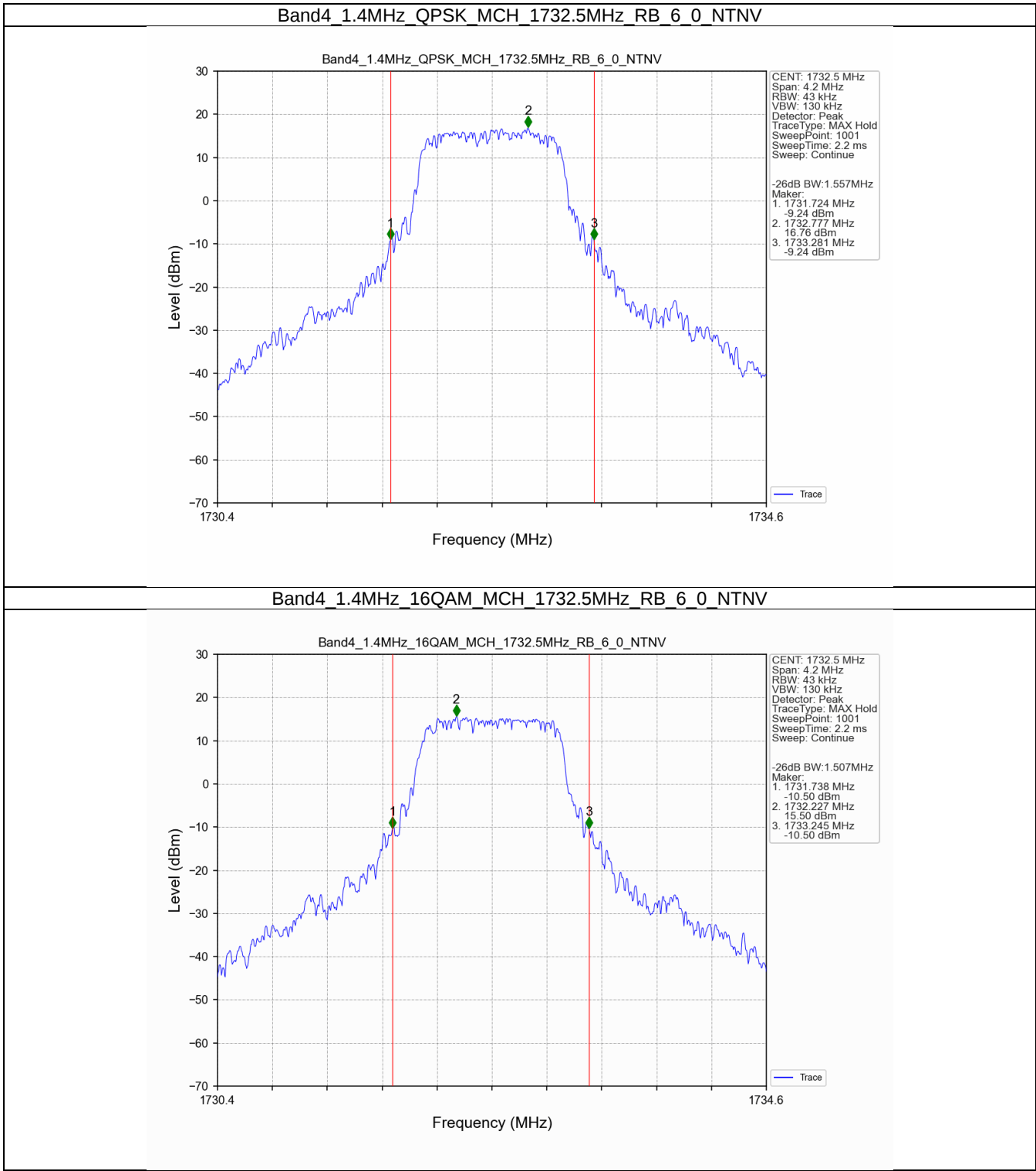
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



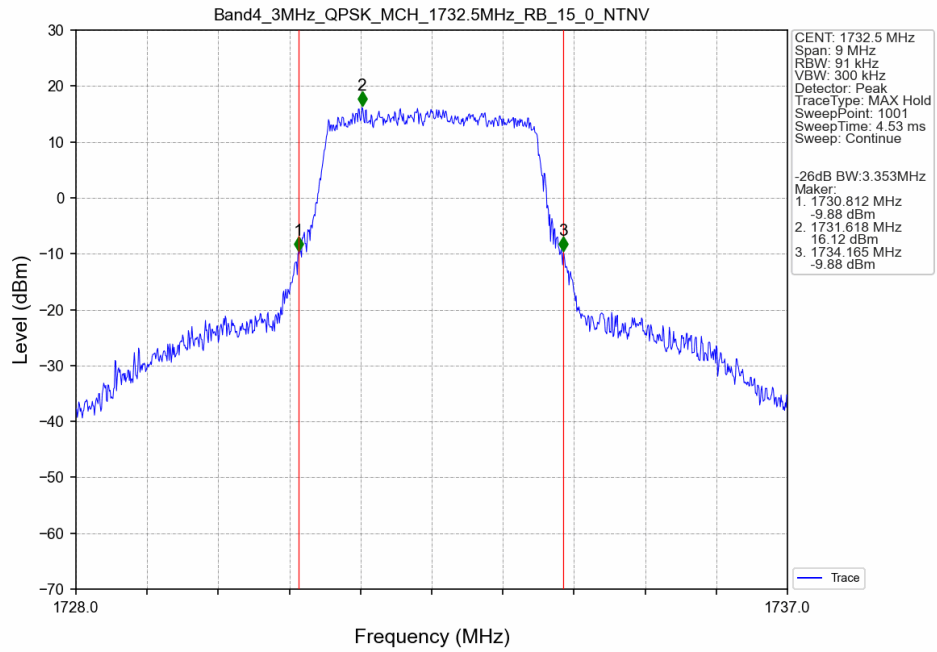
Band4 20MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



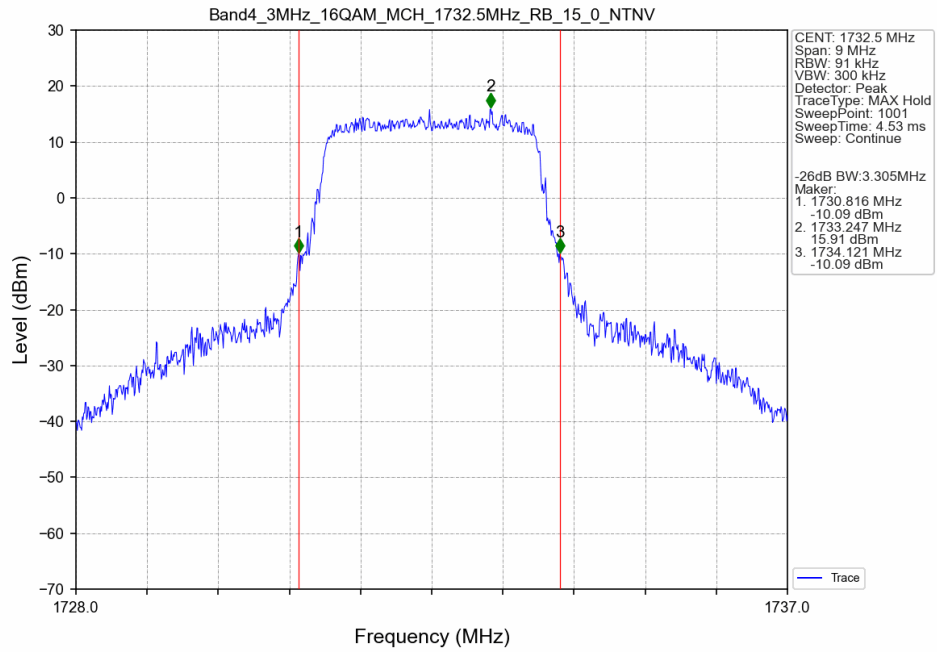
3.2.2 Band4_XDB



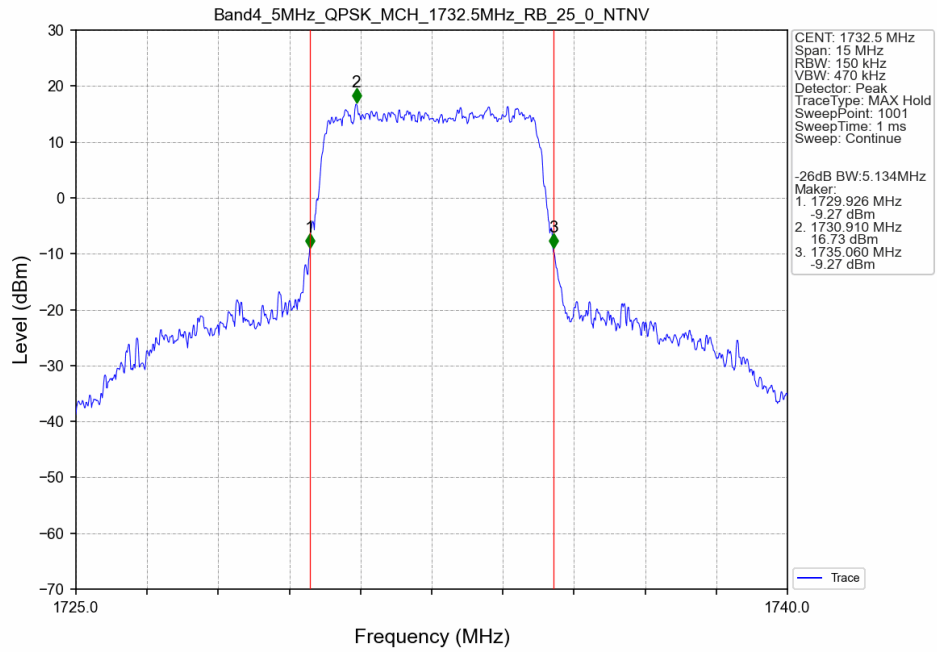
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



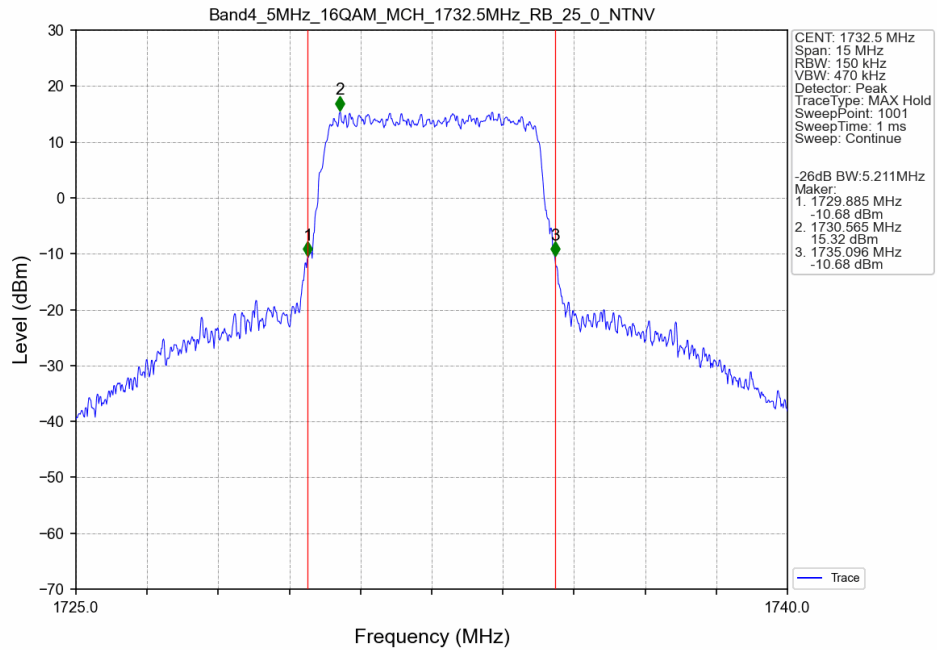
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



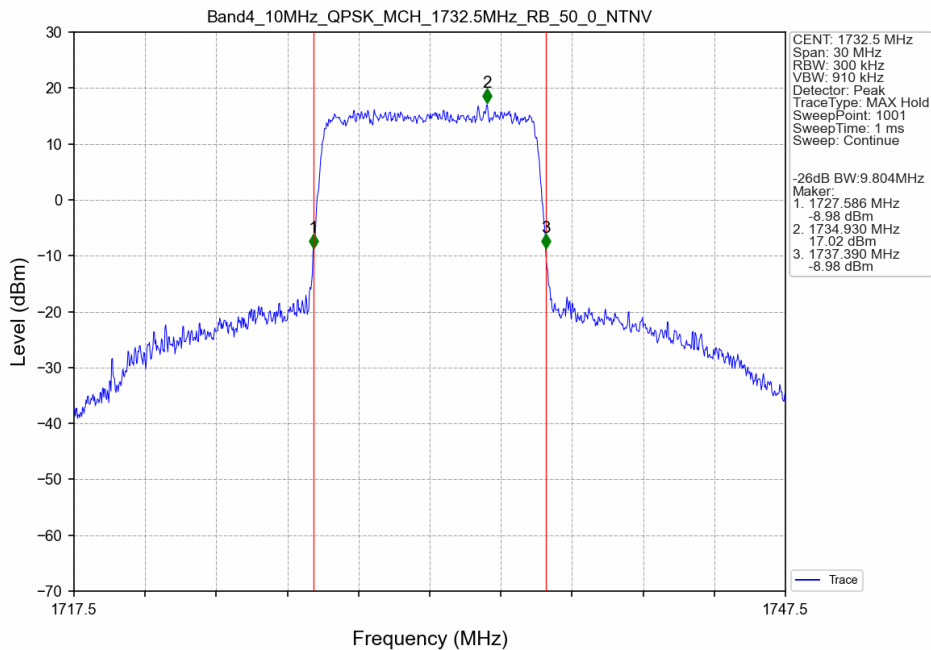
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTV



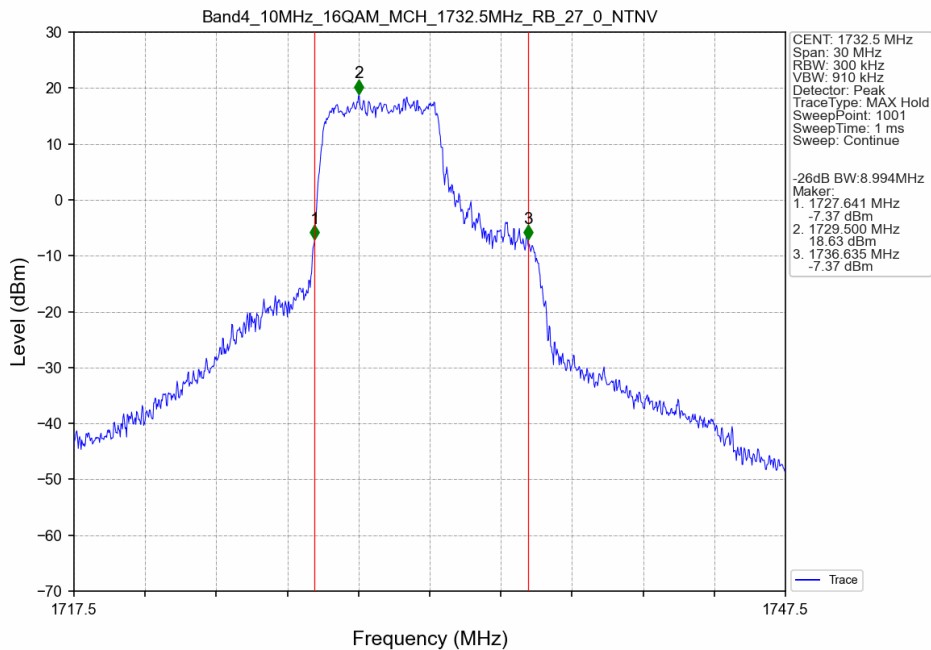
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTV



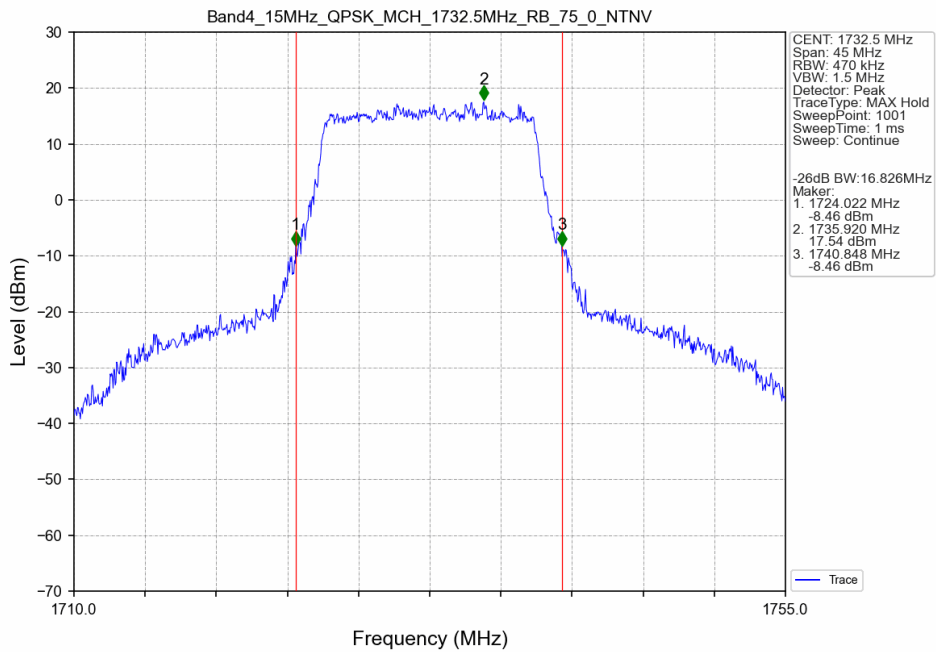
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTNV



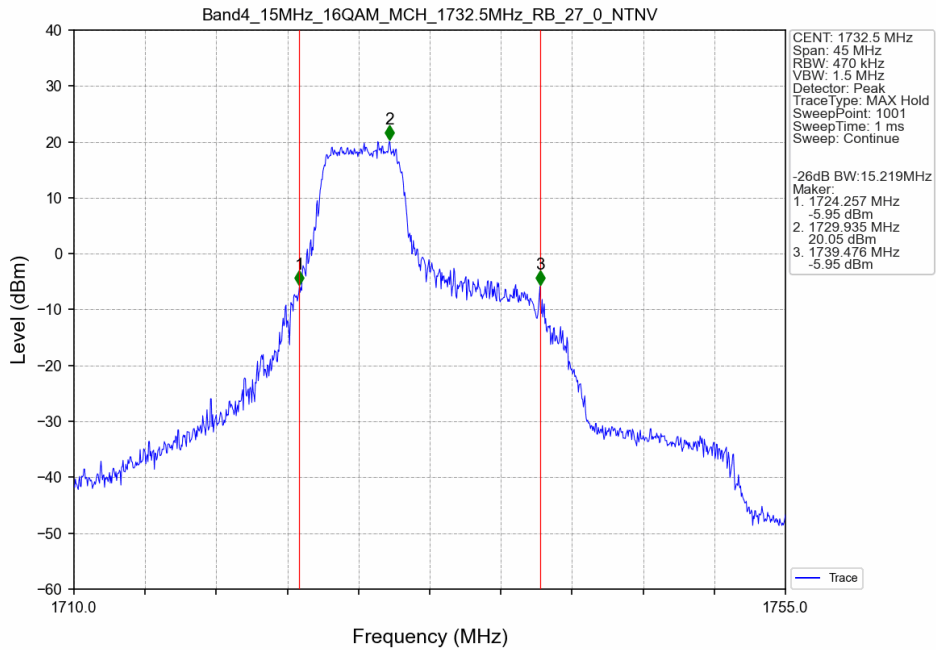
Band4 10MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



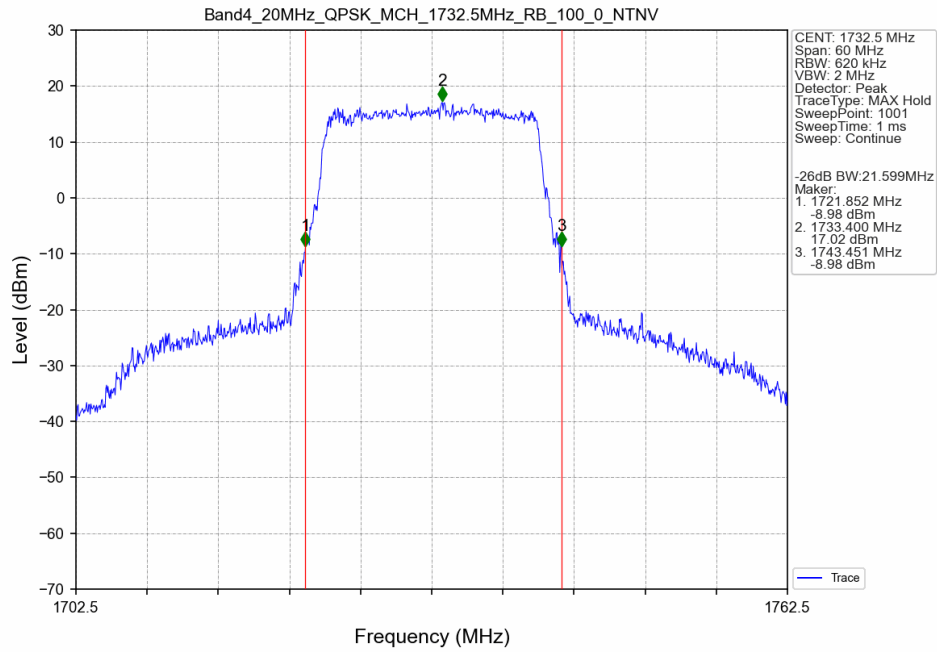
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



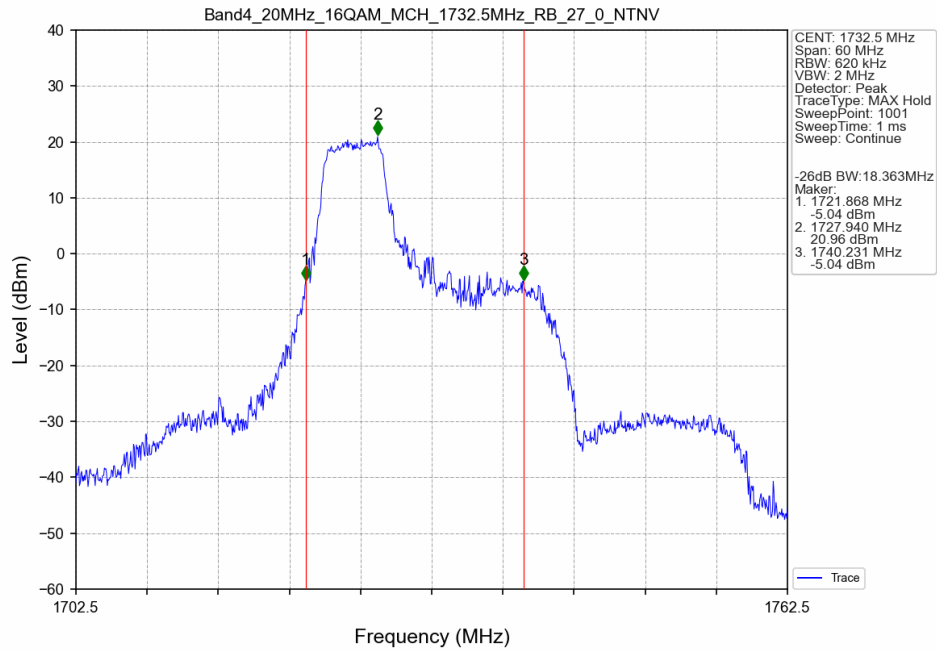
Band4 15MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



4. Peak-Average Ratio

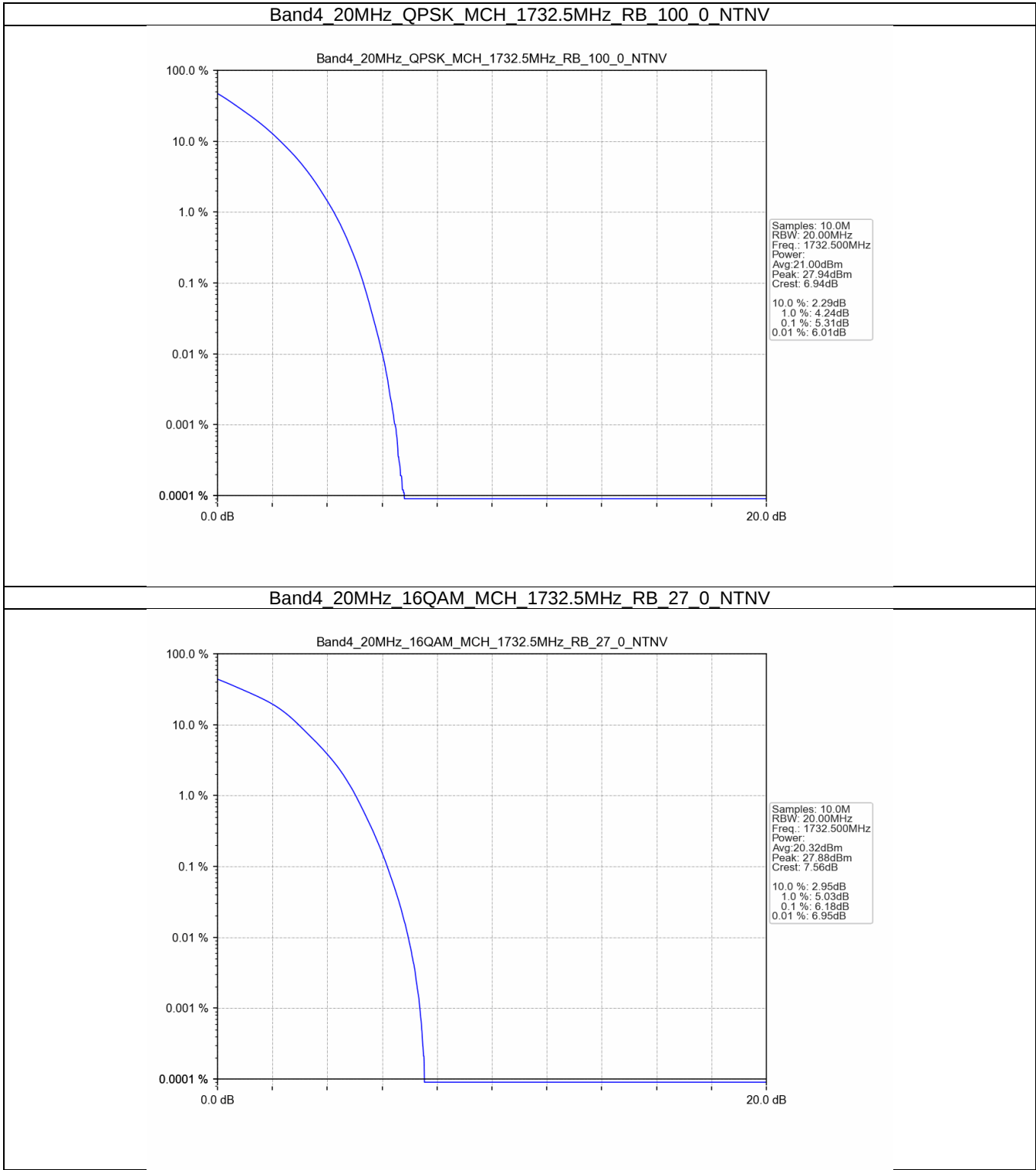
4.1 Test Result

4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.31	<=13	Pass
16QAM	1732.5	27	0	6.18	<=13	Pass

4.2 Test Graph

4.2.1 B4_20MHz



5. Spurious Emission

5.1 Test Result

5.1.1 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

5.1.2 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

5.1.3 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

5.1.4 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

5.1.5 B4_15MHz

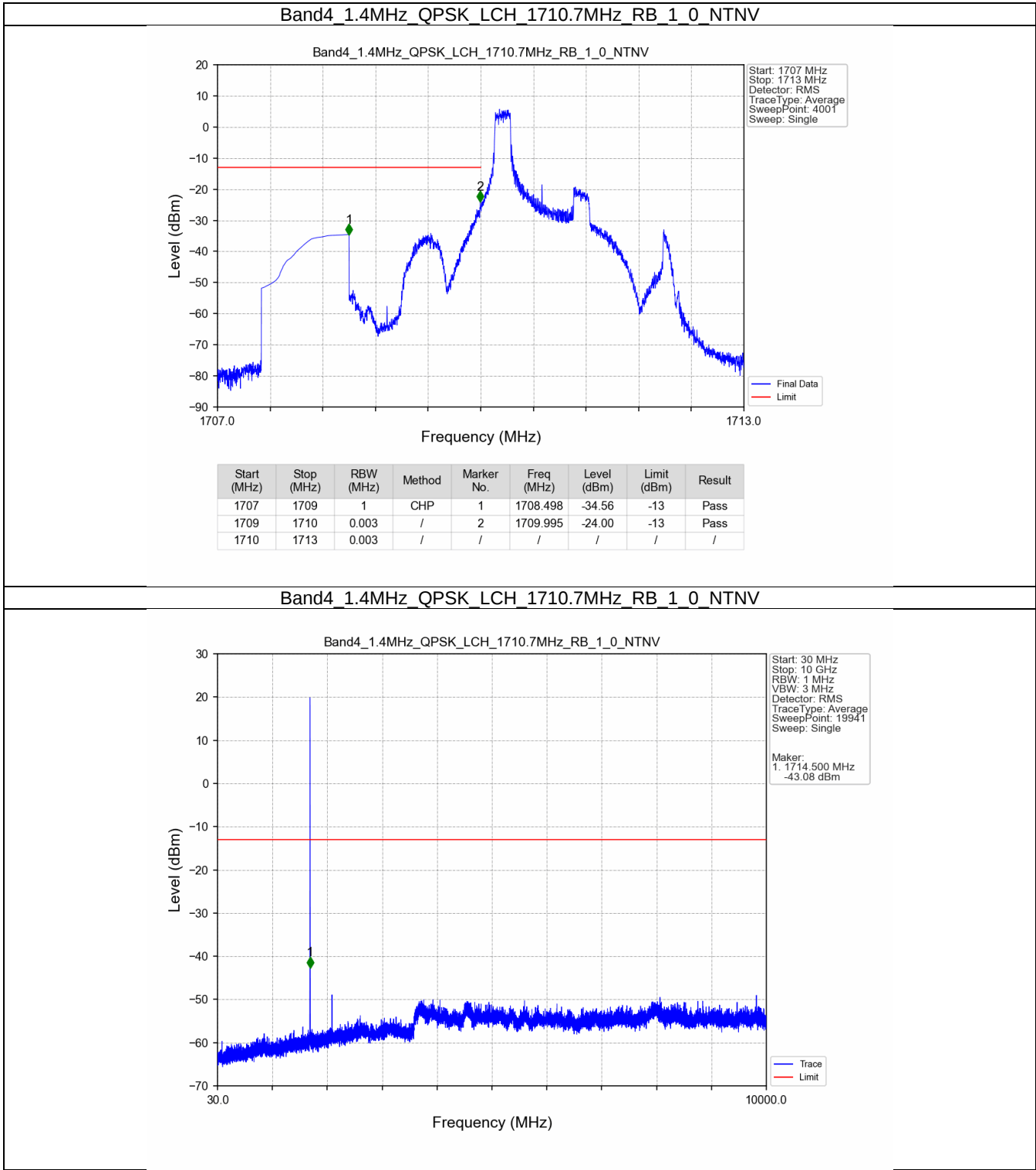
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

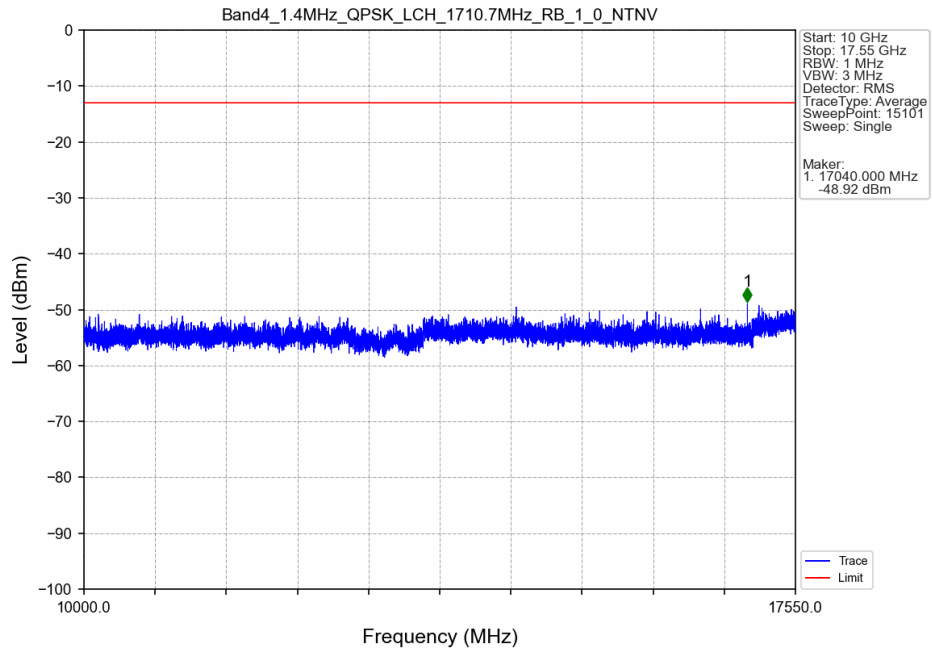
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

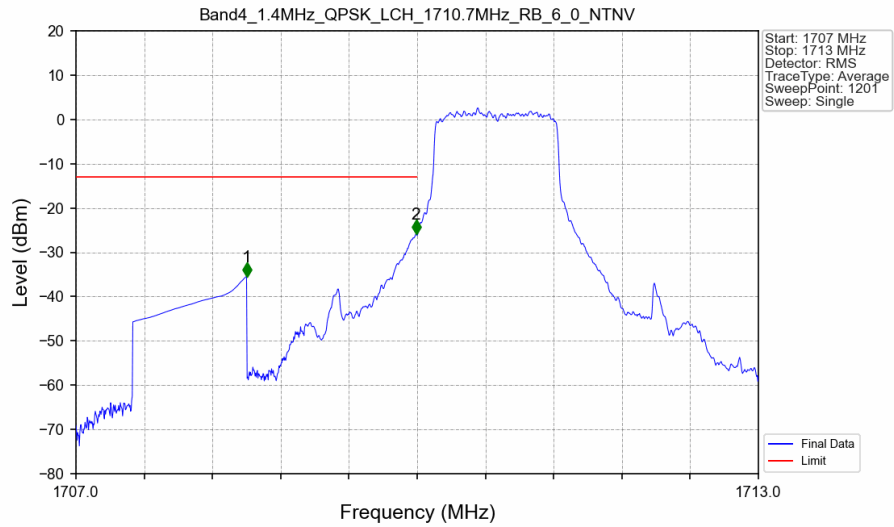
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

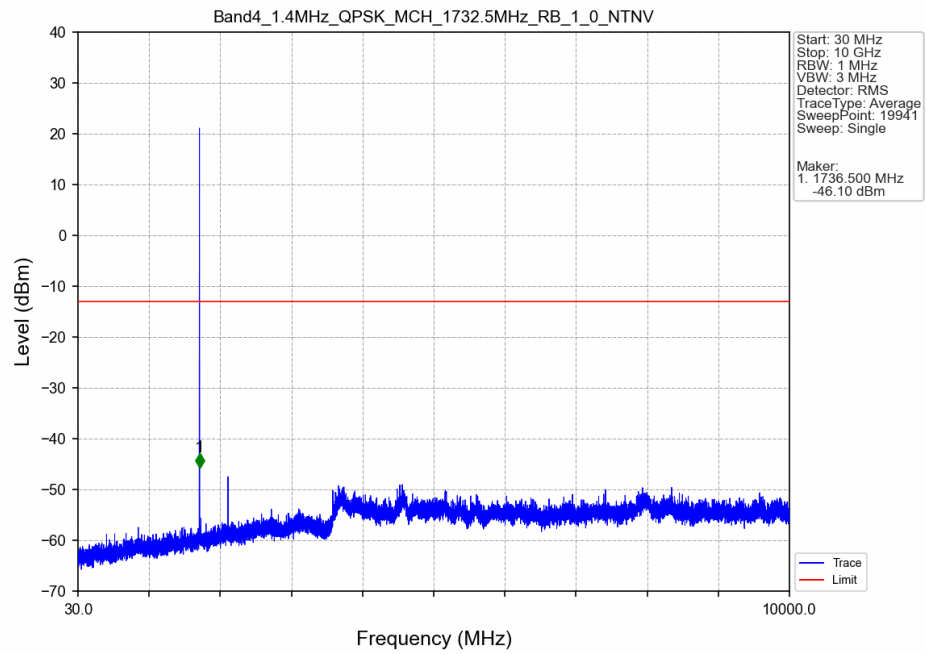


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

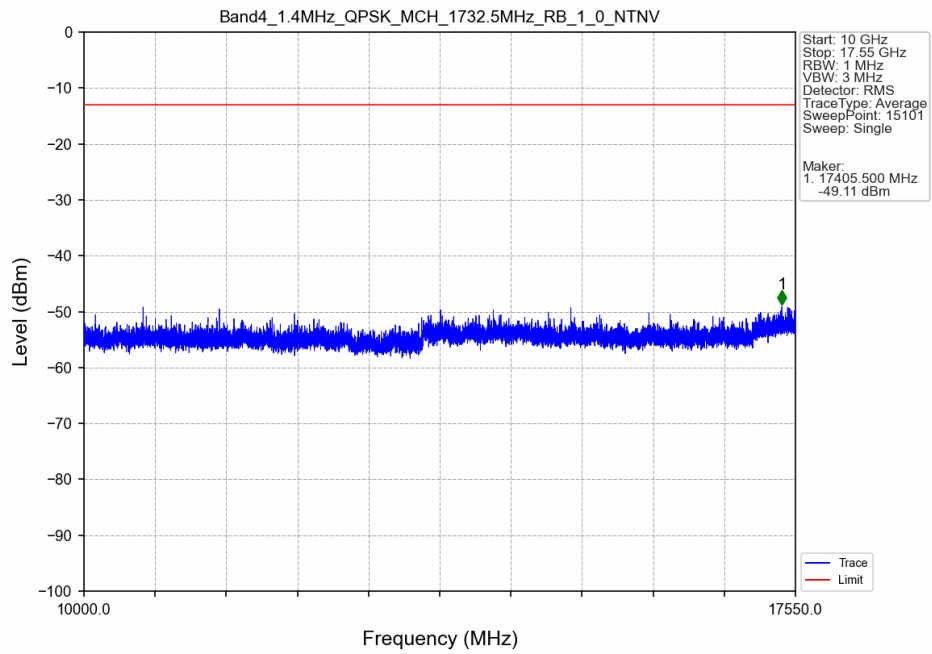


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-35.43	-13	Pass
1709	1710	0.015	CHP	2	1709.990	-25.91	-13	Pass
1710	1713	0.015	CHP	/	/	/	/	/

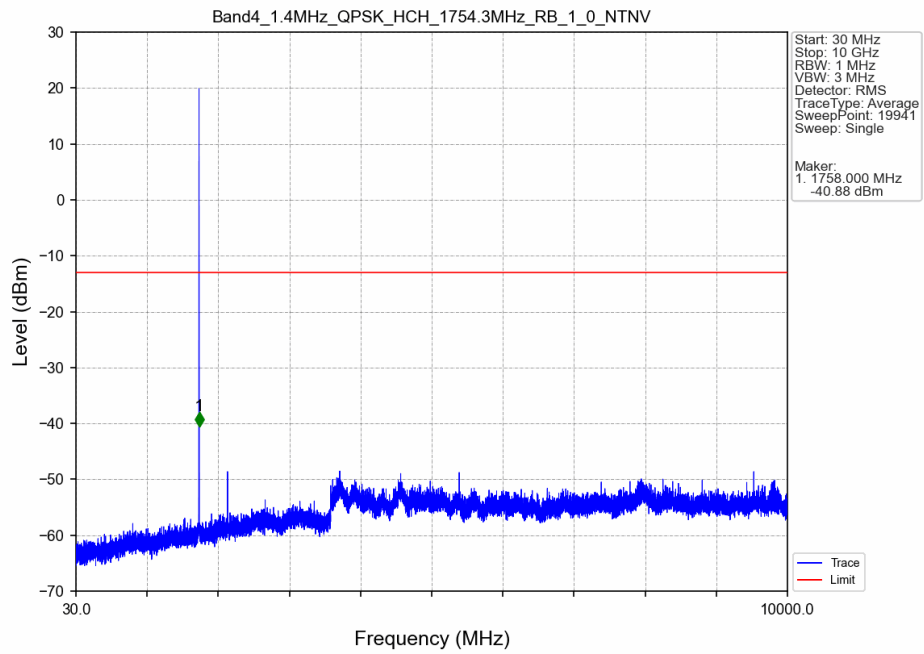
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



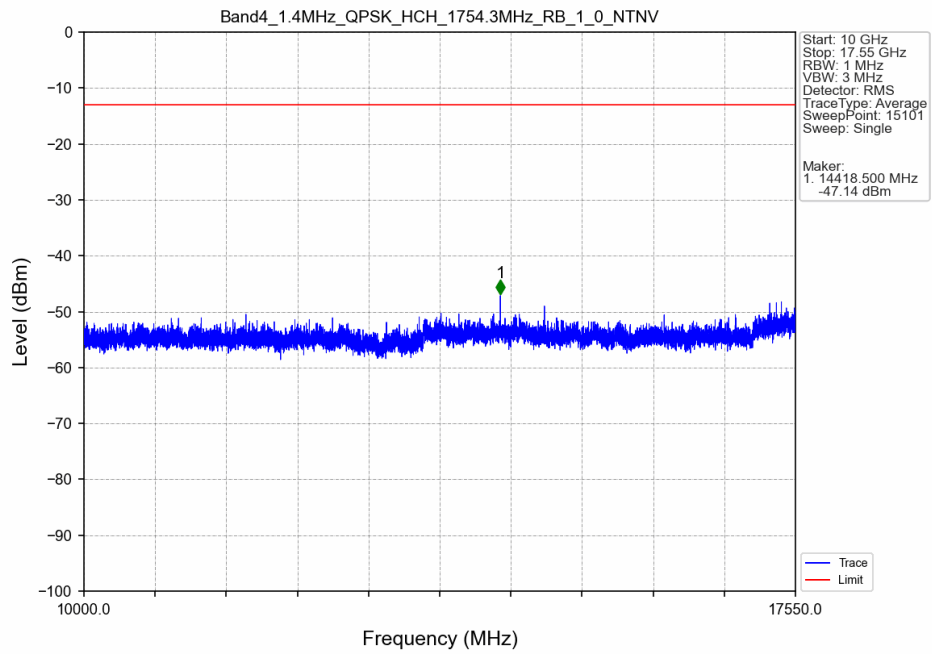
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



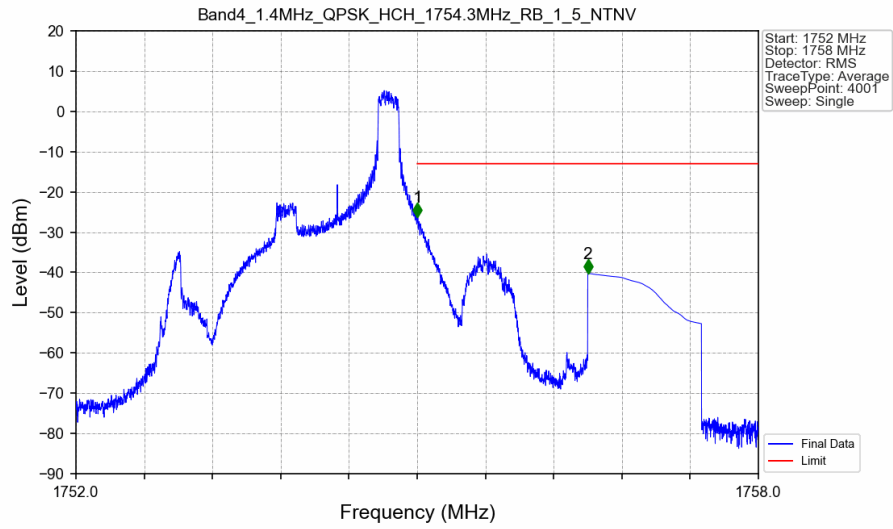
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

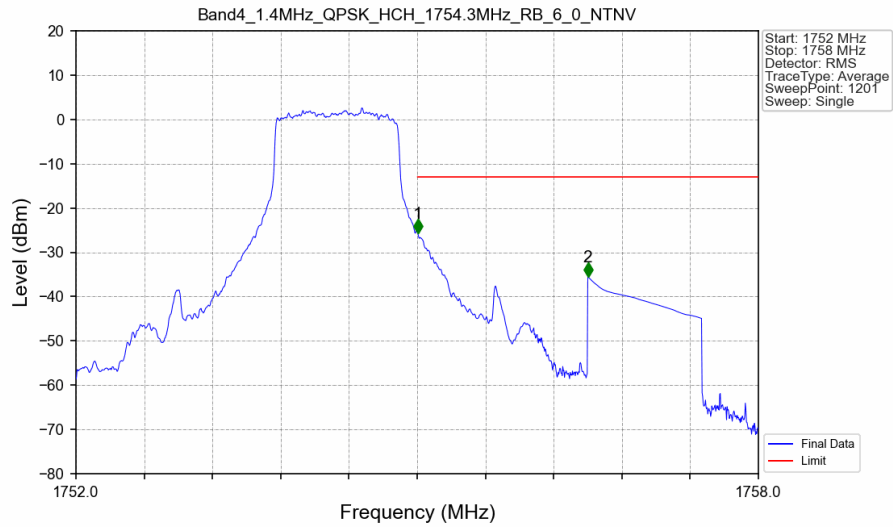


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



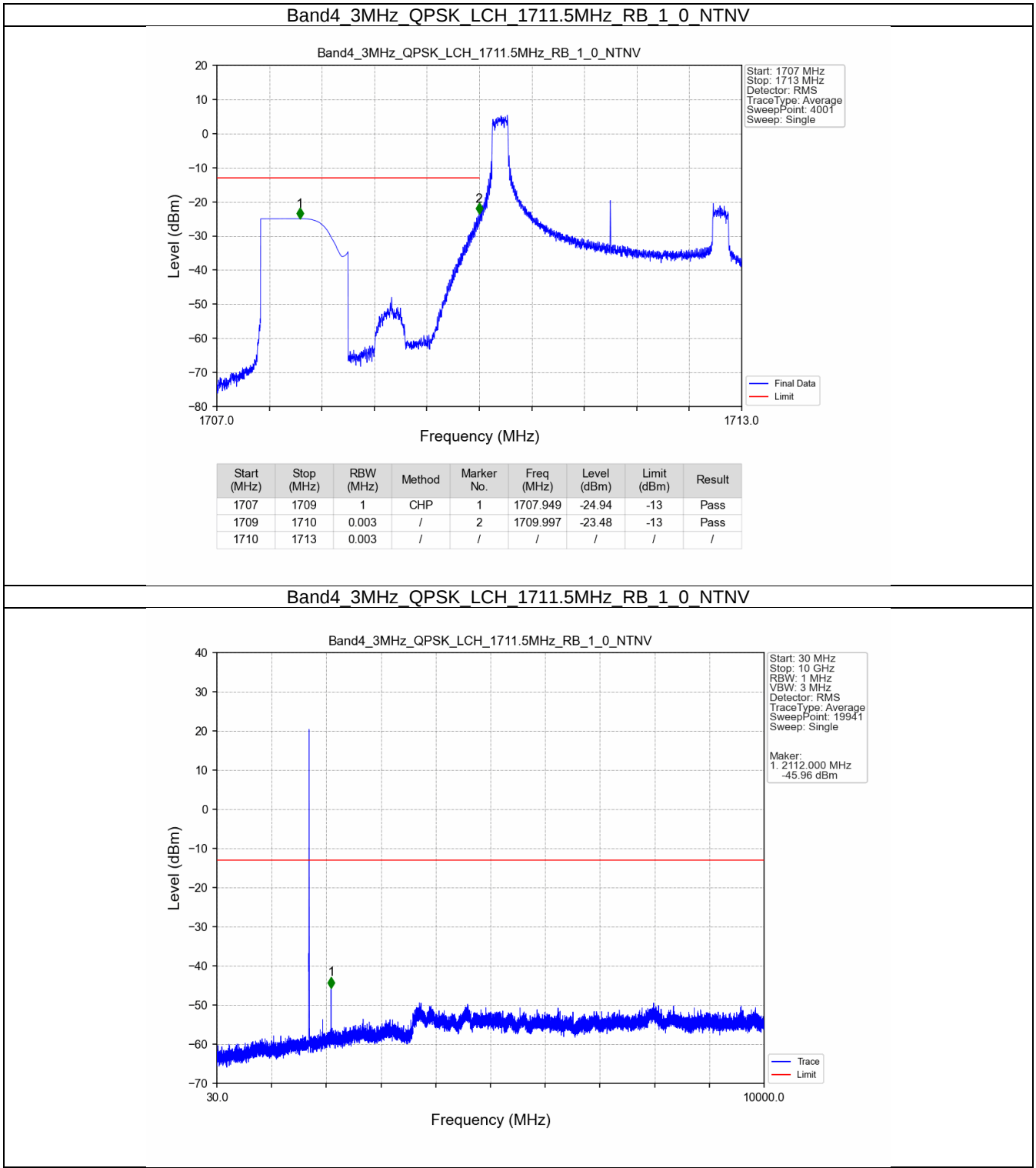
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-26.32	-13	Pass
1756	1758	1	CHP	2	1756.500	-40.20	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV

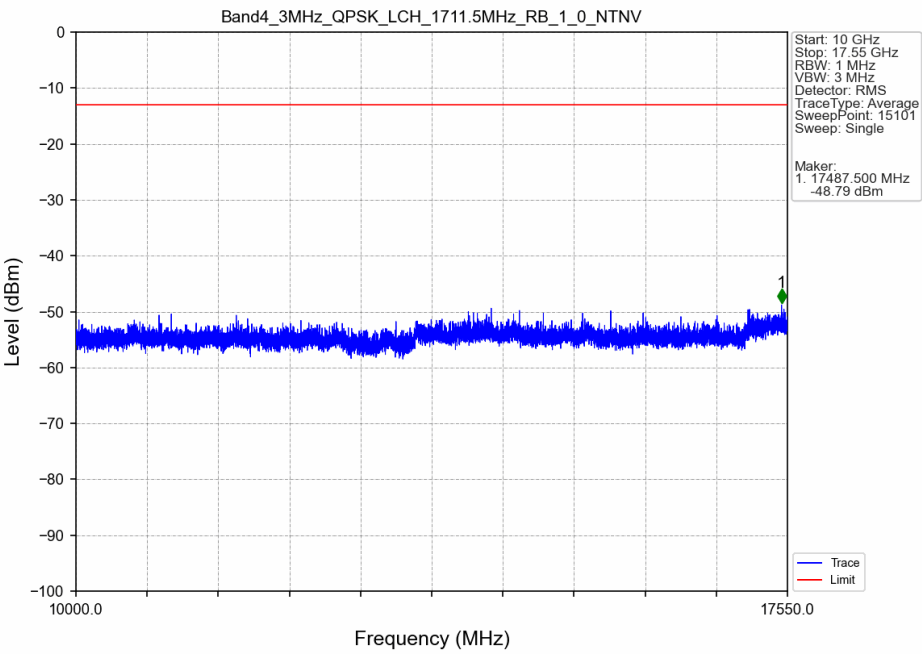


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.015	CHP	/	/	/	/	/
1755	1756	0.015	CHP	1	1755.005	-25.63	-13	Pass
1756	1758	1	CHP	2	1756.500	-35.51	-13	Pass

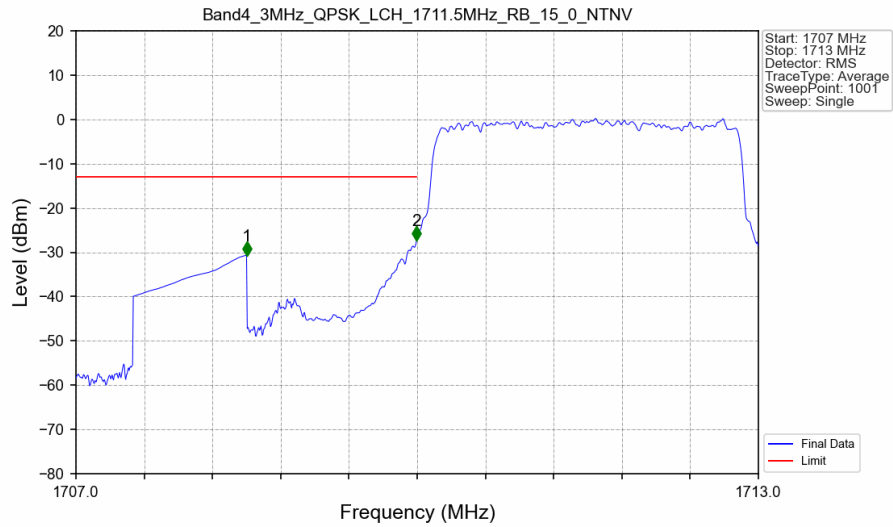
5.2.2 B4_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV

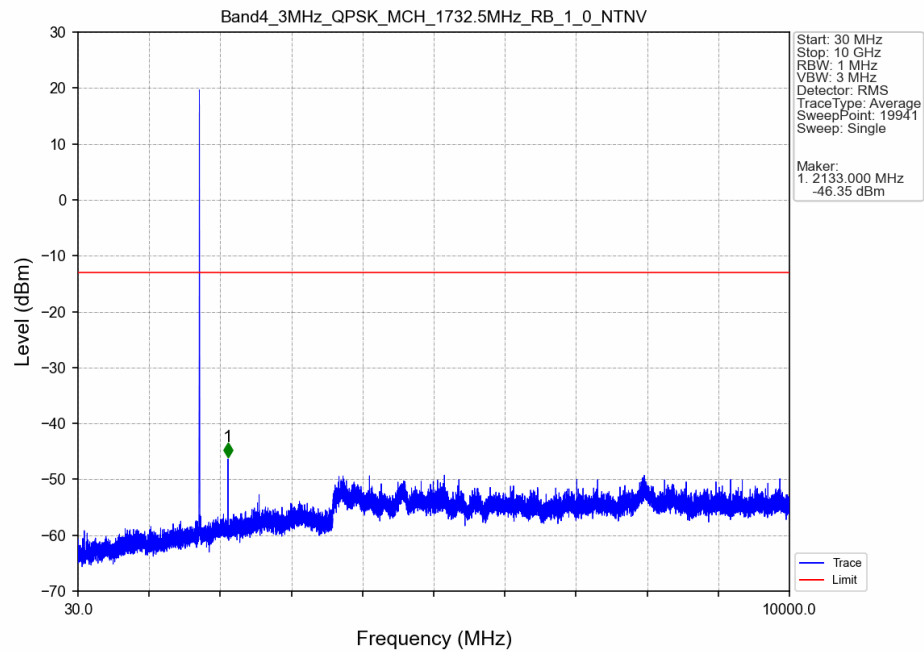


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV

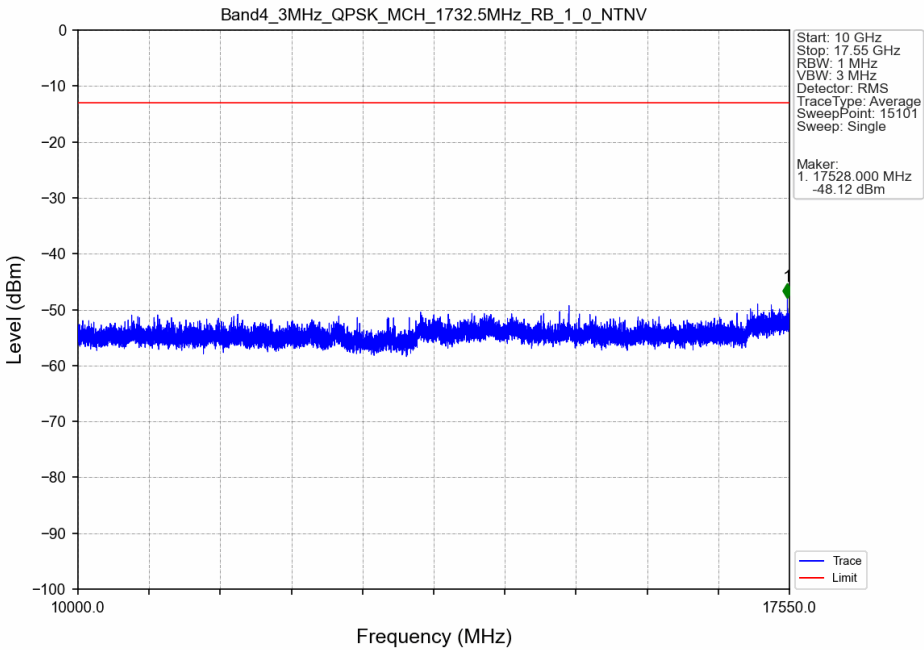


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-30.70	-13	Pass
1709	1710	0.034	CHP	2	1709.994	-27.25	-13	Pass
1710	1713	0.034	CHP	/	/	/	/	/

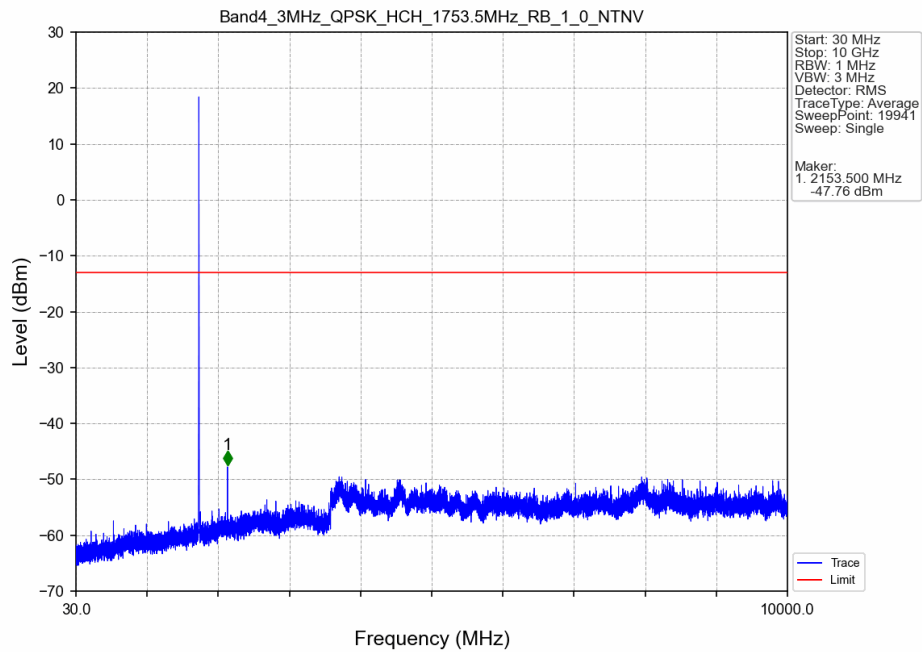
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTN



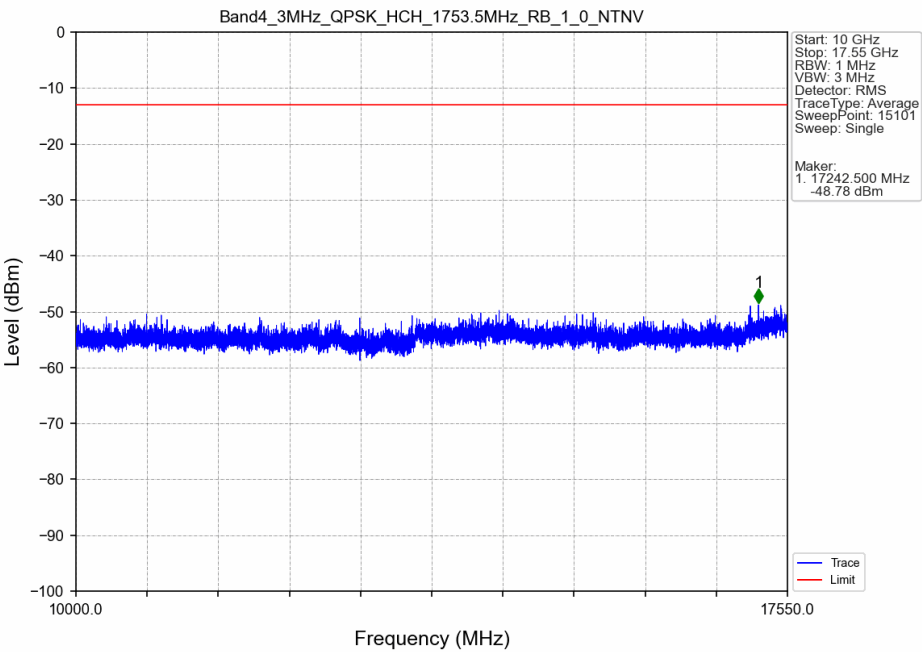
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTN



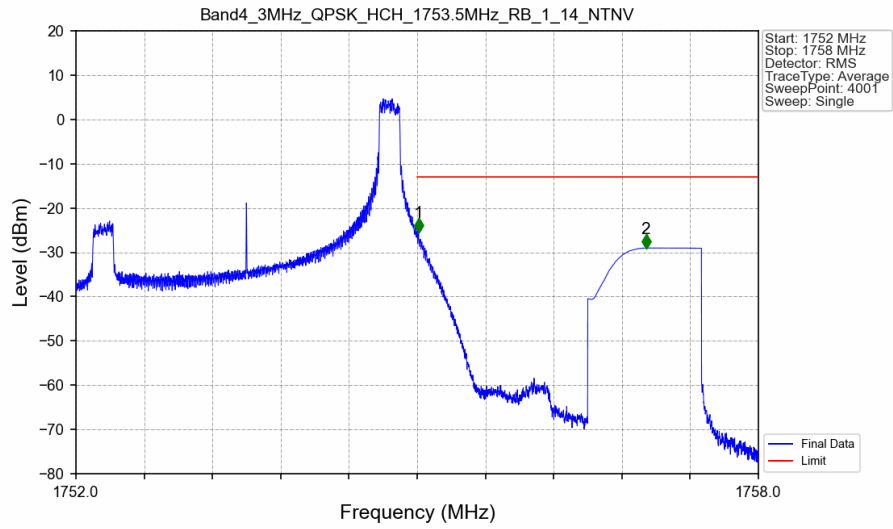
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN

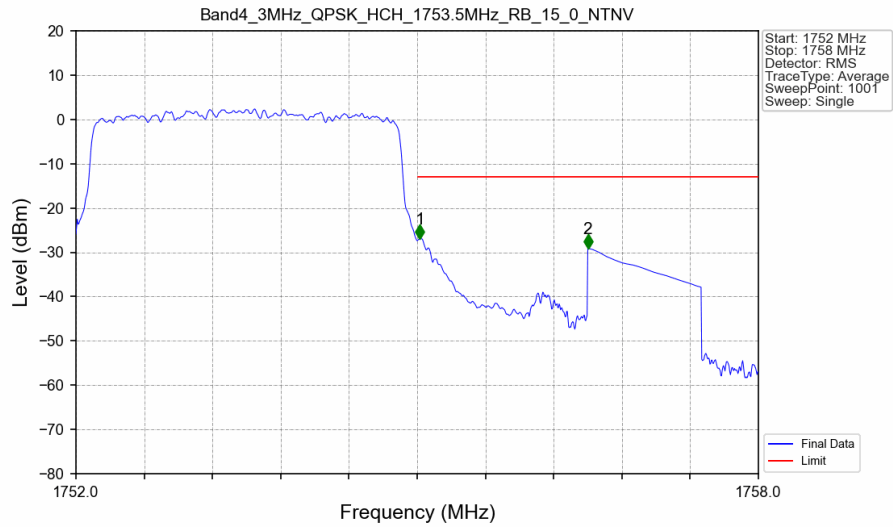


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



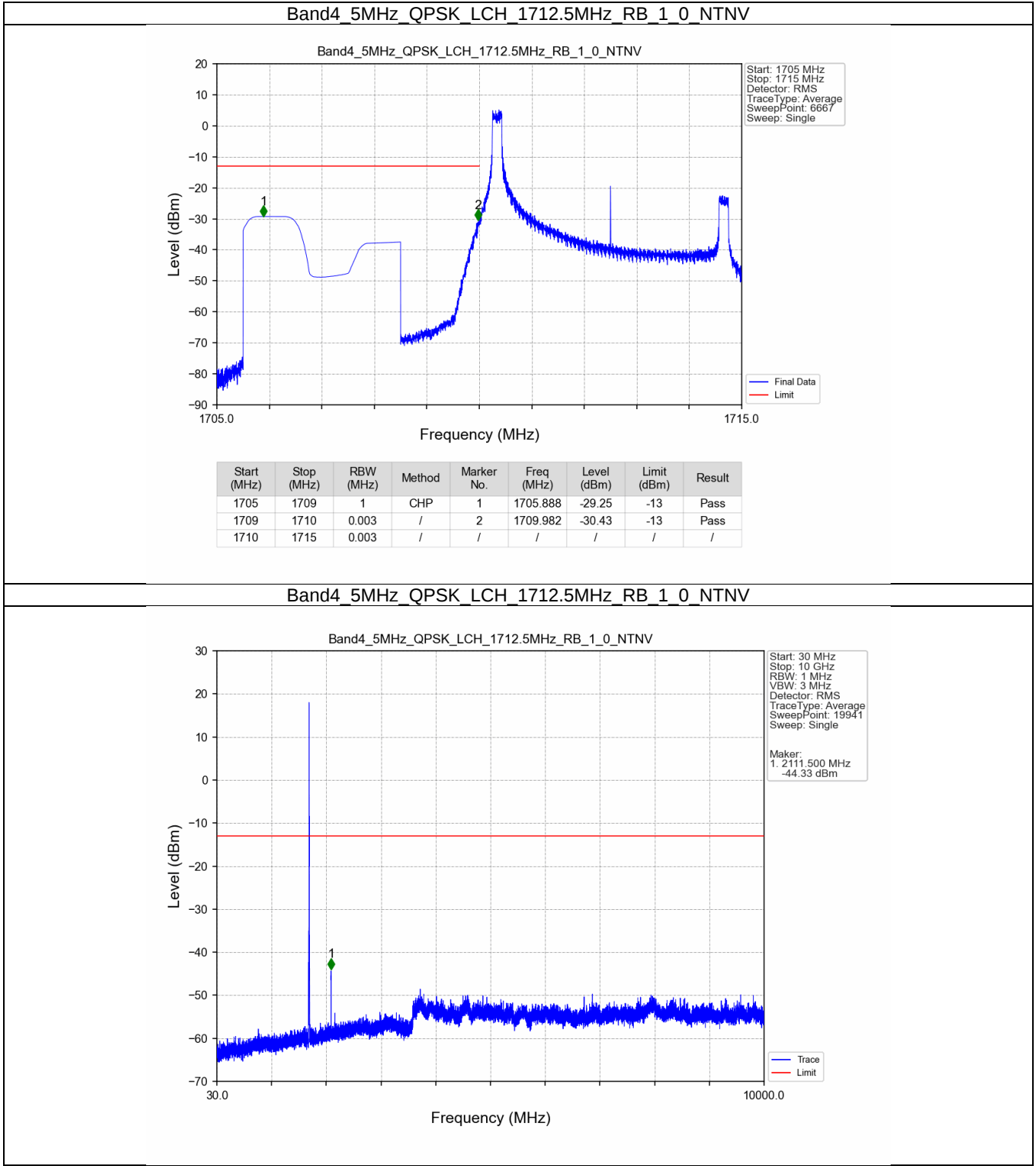
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.012	-25.50	-13	Pass
1756	1758	1	CHP	2	1757.012	-29.04	-13	Pass

Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV

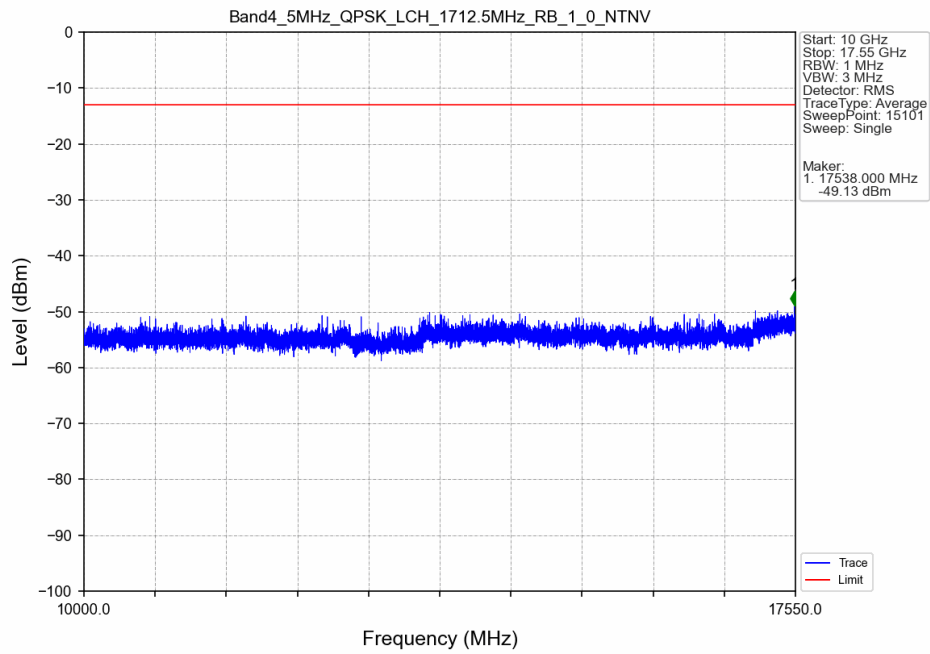


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.034	CHP	/	/	/	/	/
1755	1756	0.034	CHP	1	1755.024	-26.95	-13	Pass
1756	1758	1	CHP	2	1756.500	-29.13	-13	Pass

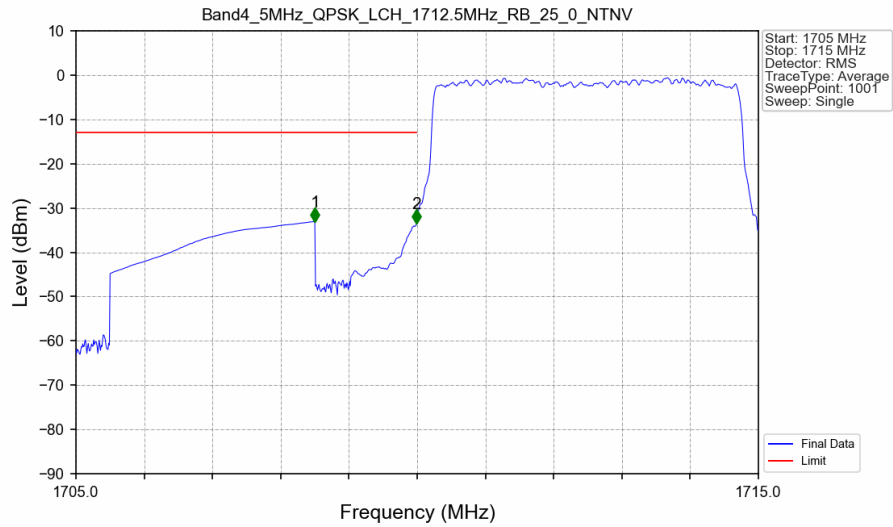
5.2.3 B4_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV

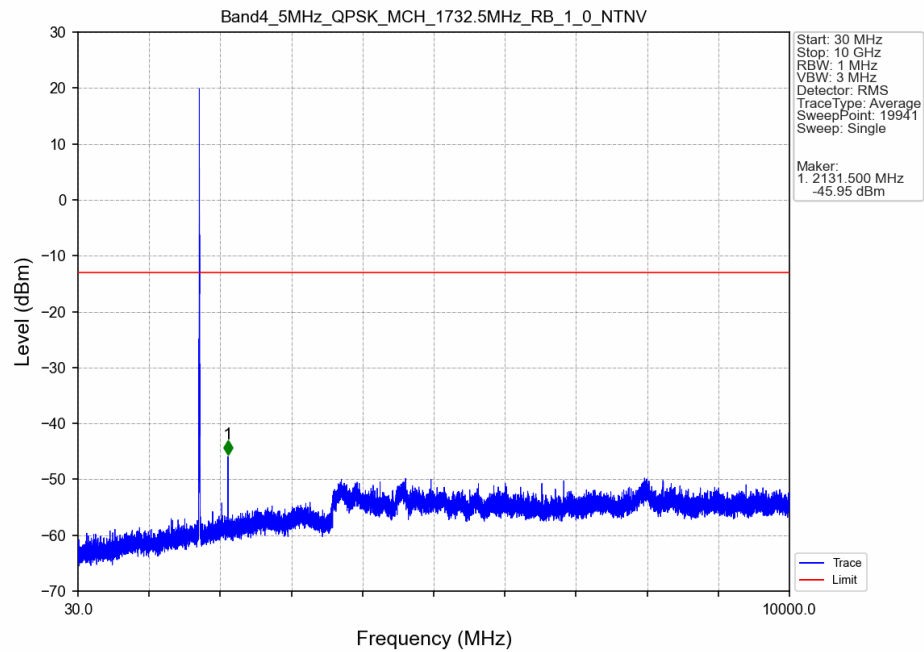


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

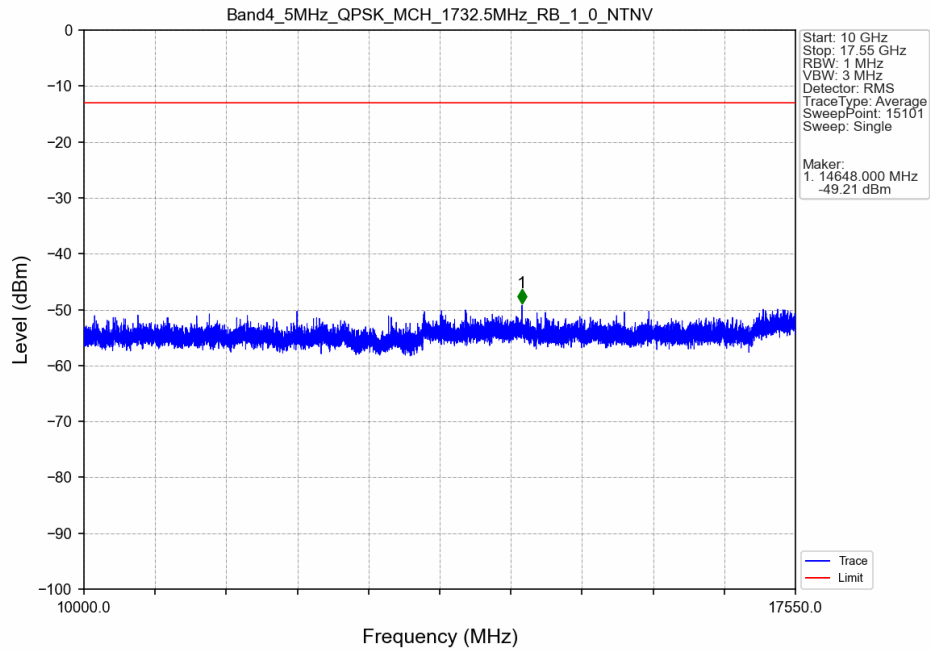


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-33.08	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-33.50	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

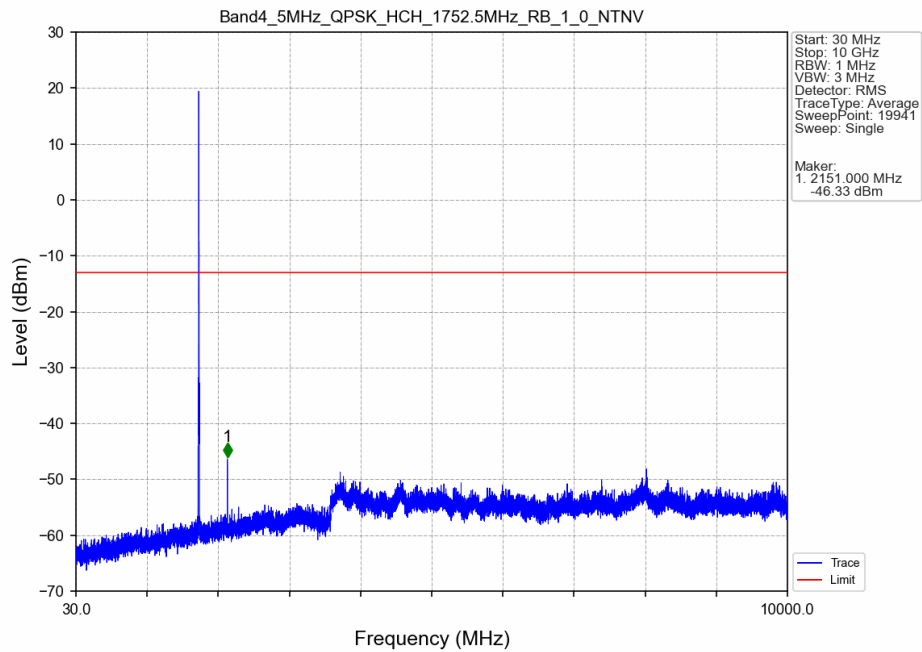
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



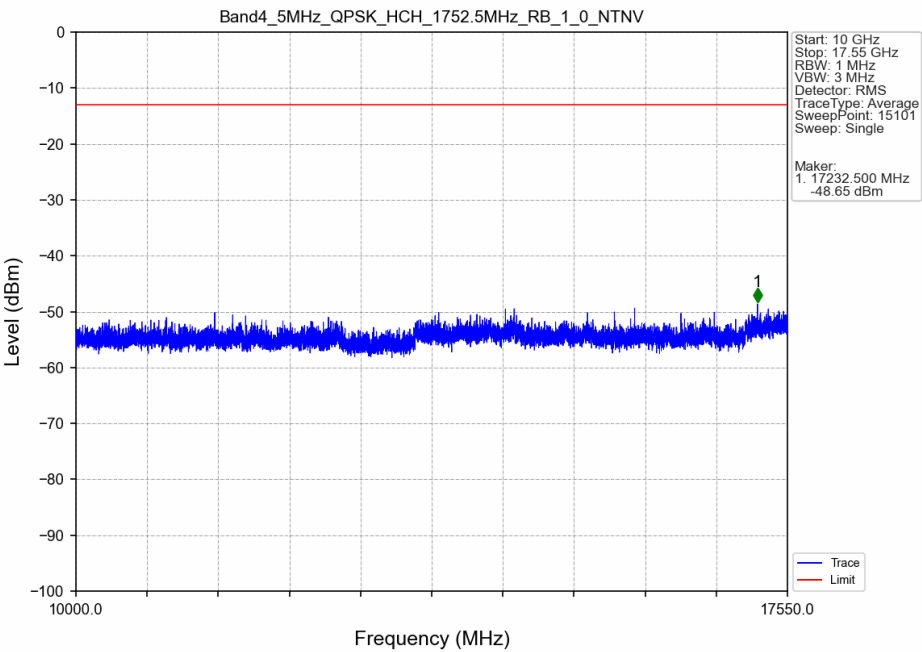
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



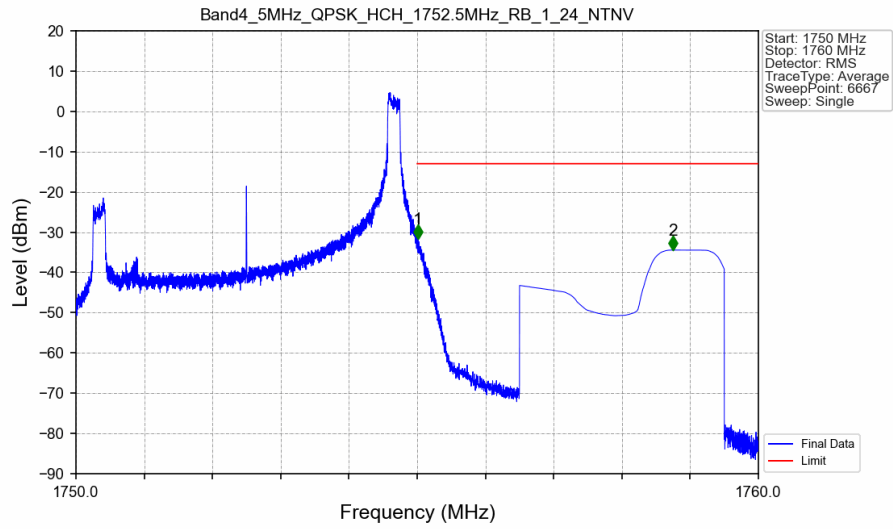
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN

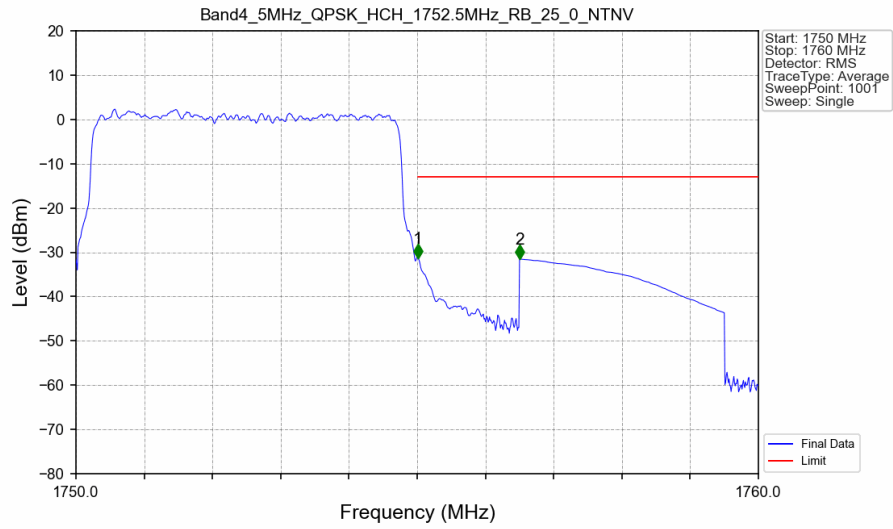


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



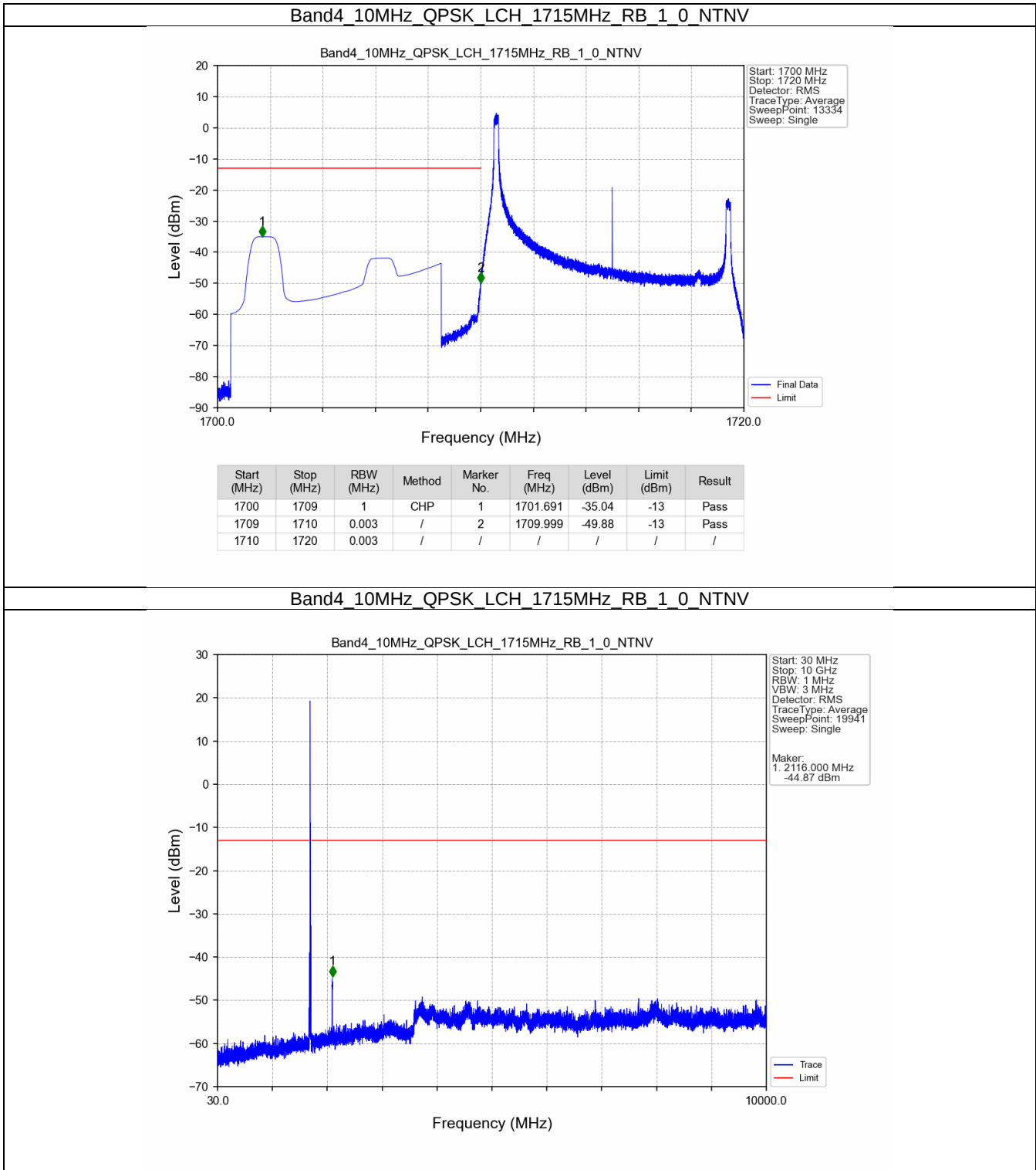
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.011	-31.59	-13	Pass
1756	1760	1	CHP	2	1758.749	-34.45	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV

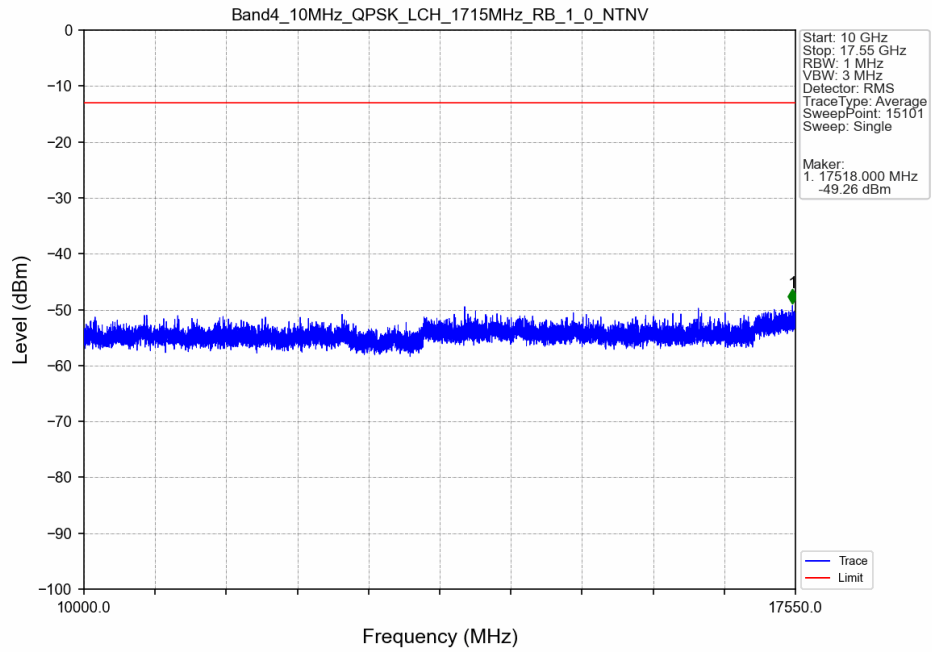


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	CHP	/	/	/	/	/
1755	1756	0.051	CHP	1	1755.010	-31.32	-13	Pass
1756	1760	1	CHP	2	1756.500	-31.55	-13	Pass

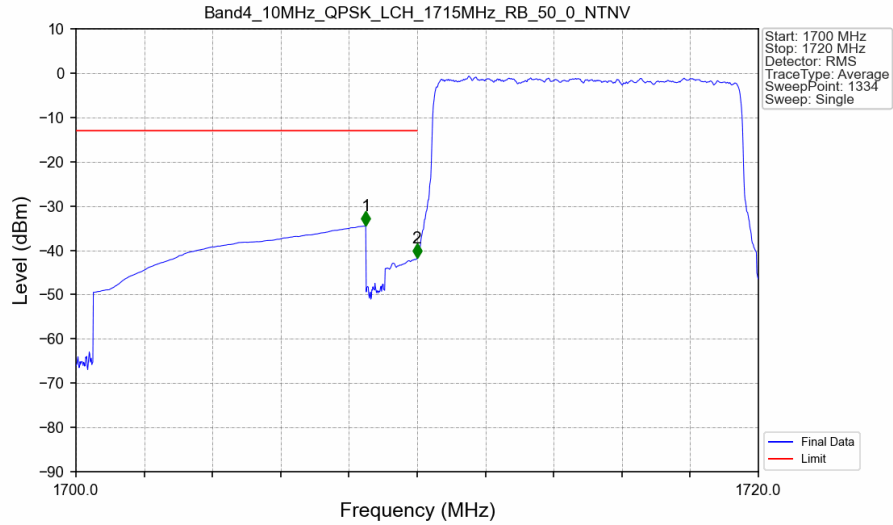
5.2.4 B4_10MHz



Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

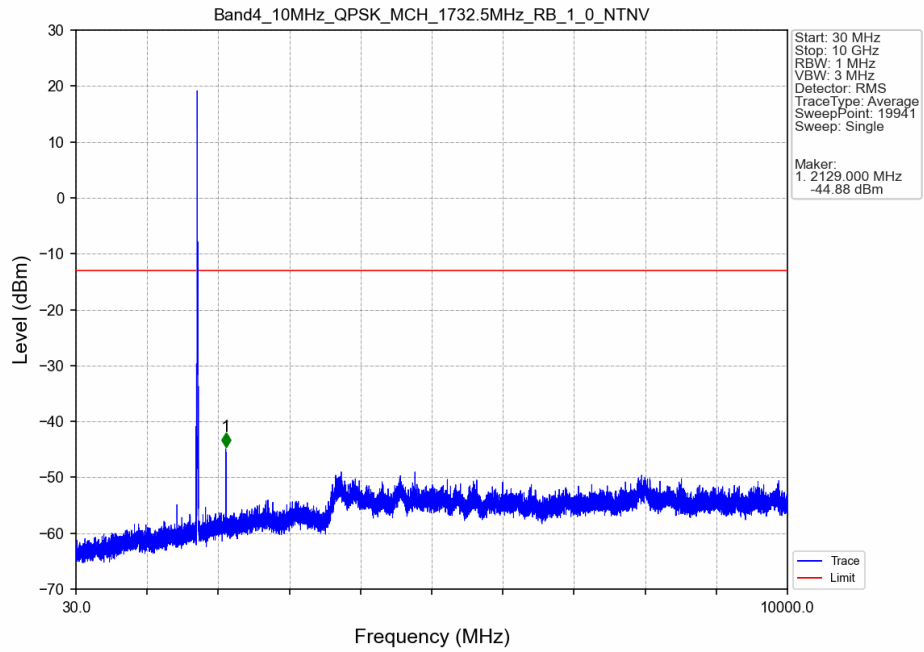


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

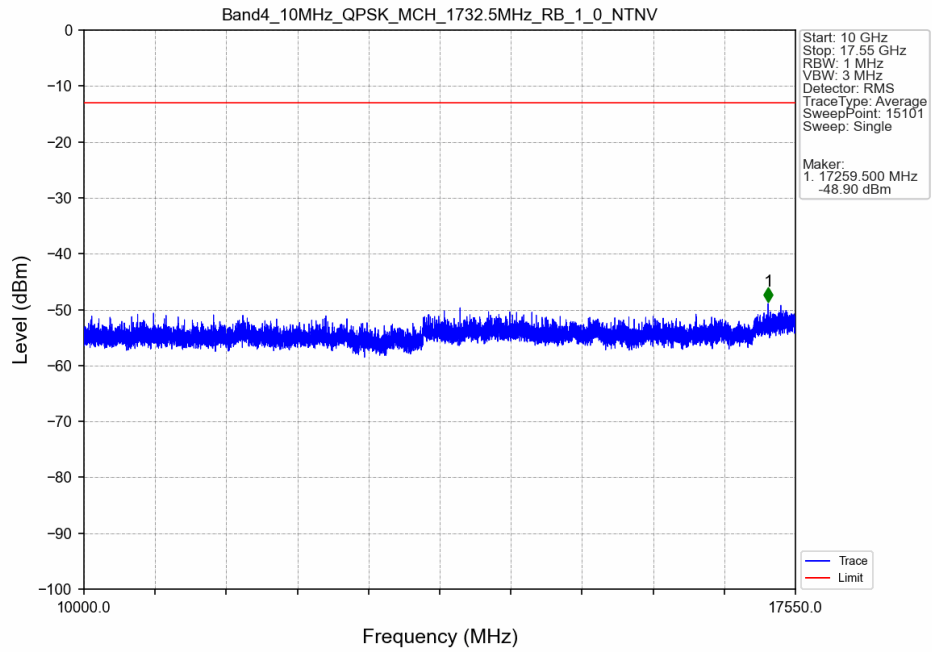


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.492	-34.45	-13	Pass
1709	1710	0.098	CHP	2	1709.992	-41.63	-13	Pass
1710	1720	0.098	CHP	/	/	/	/	/

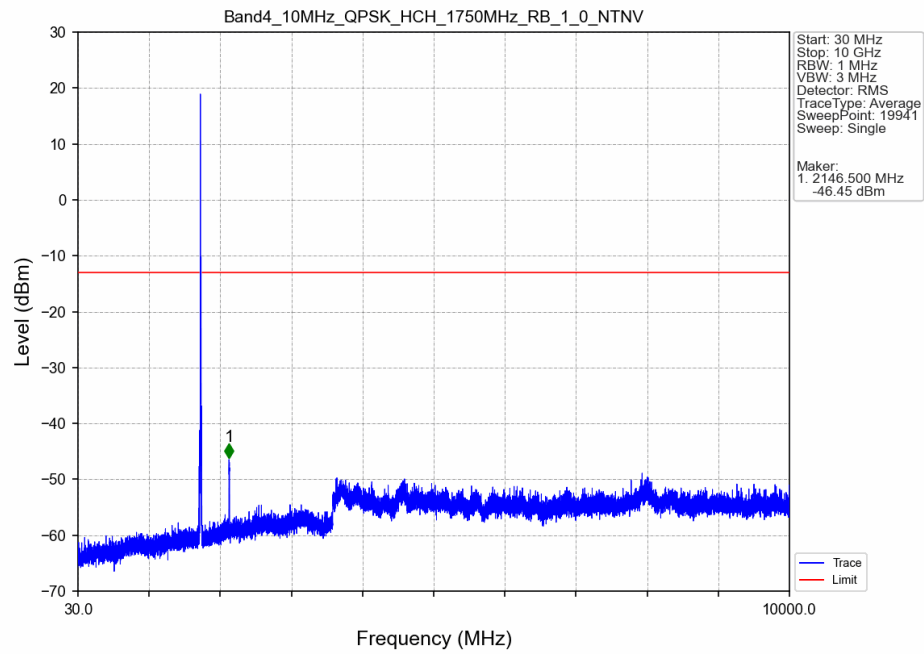
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



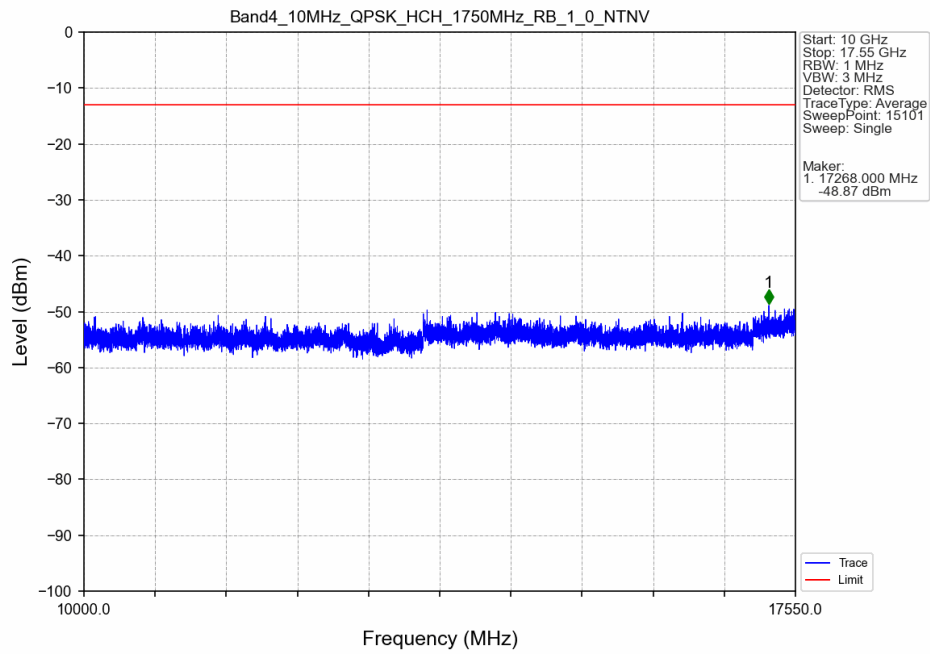
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



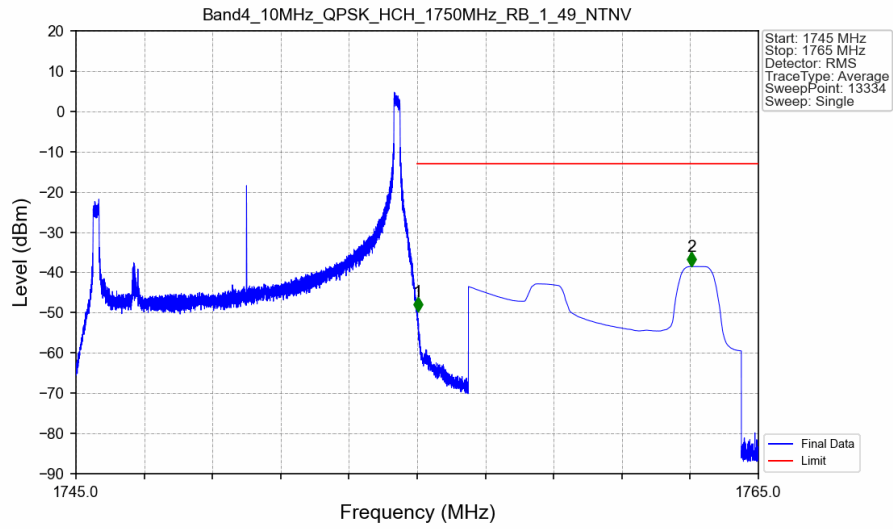
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN



Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN

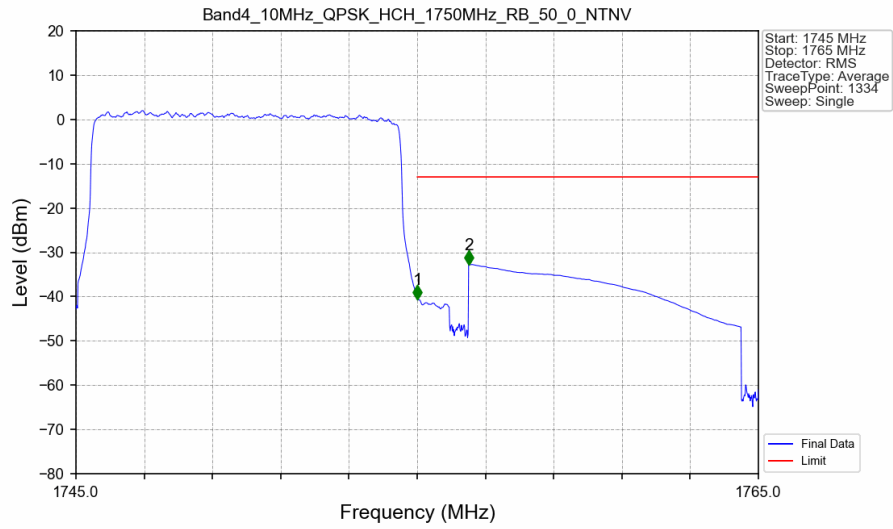


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



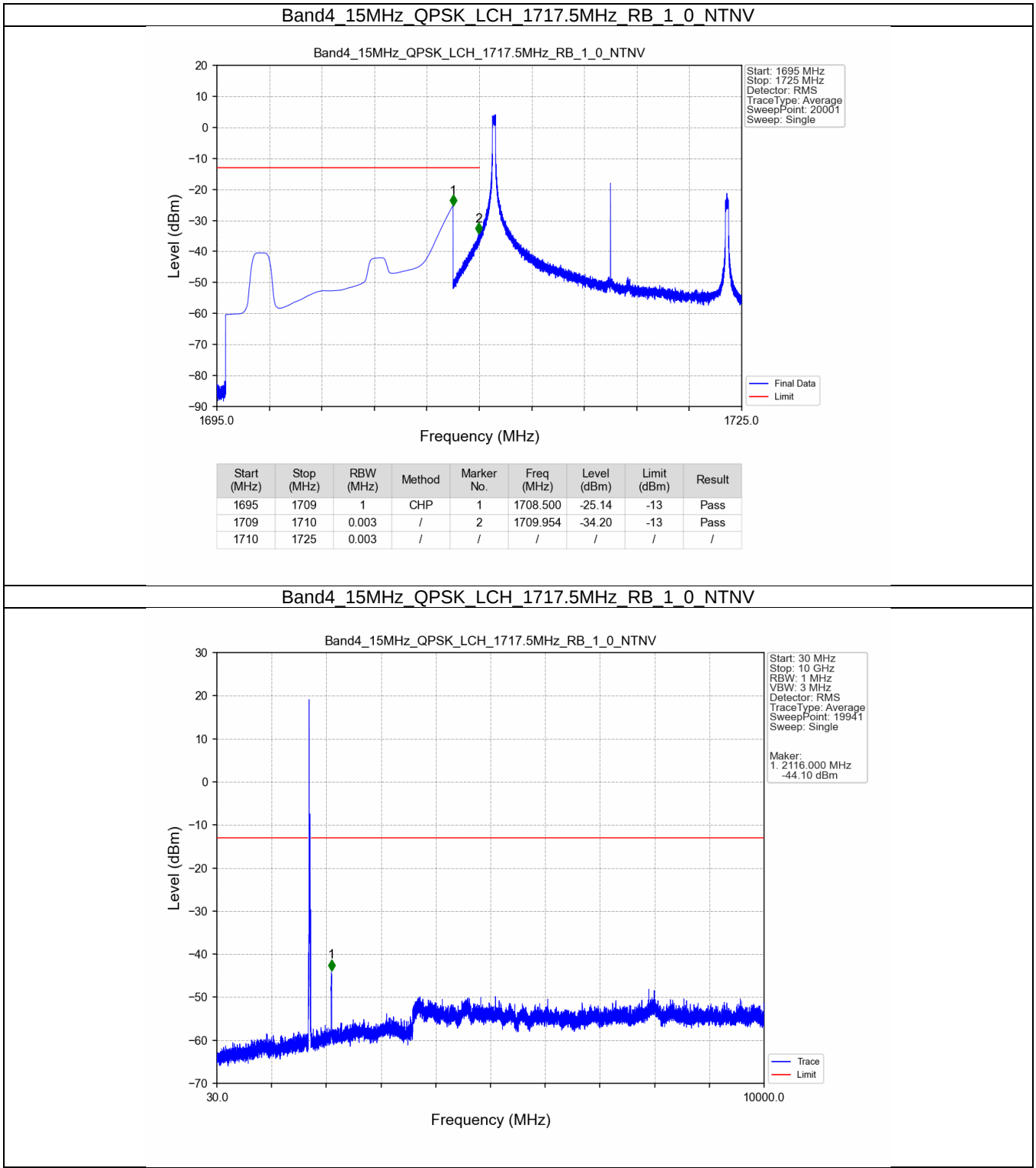
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.013	-49.63	-13	Pass
1756	1765	1	CHP	2	1763.039	-38.54	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV

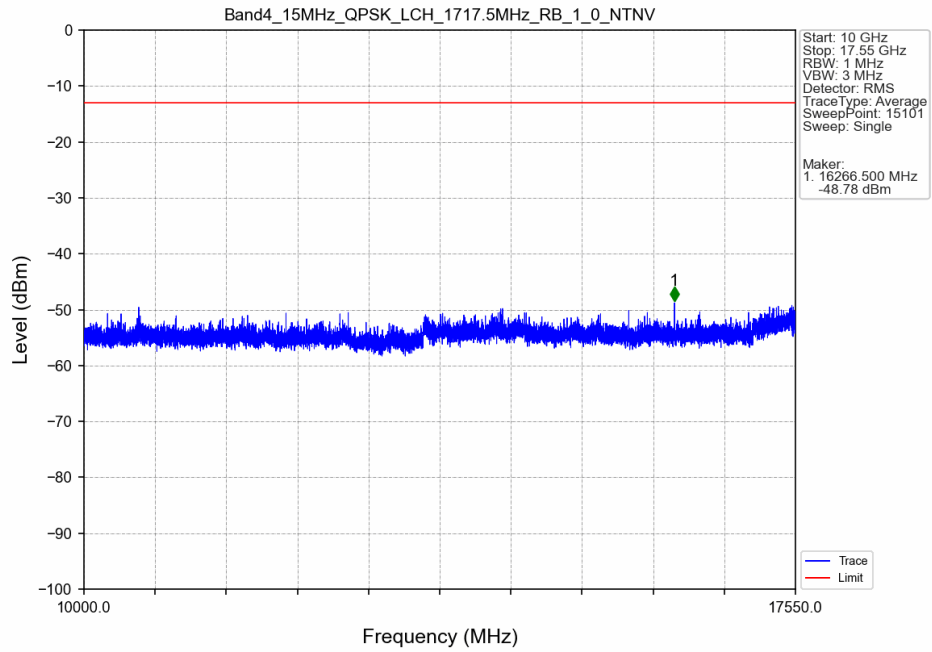


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.098	CHP	/	/	/	/	/
1755	1756	0.098	CHP	1	1755.008	-40.63	-13	Pass
1756	1765	1	CHP	2	1756.508	-32.73	-13	Pass

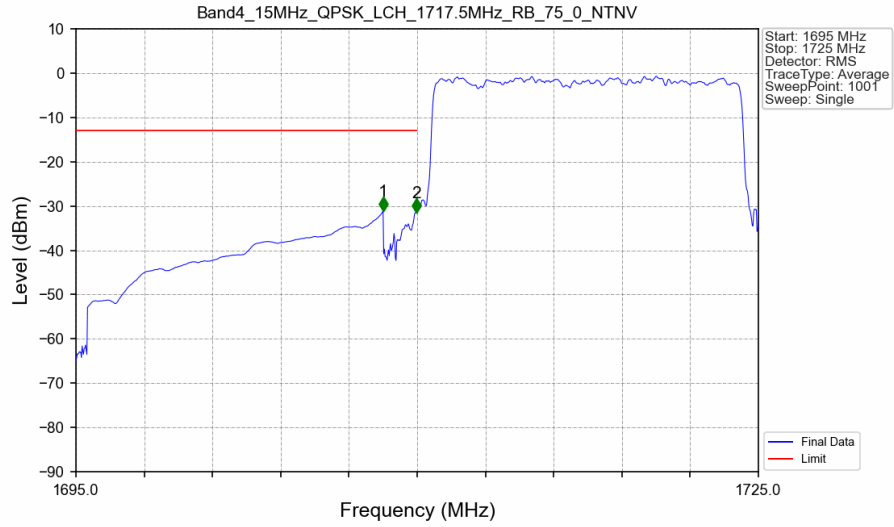
5.2.5 B4_15MHz



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

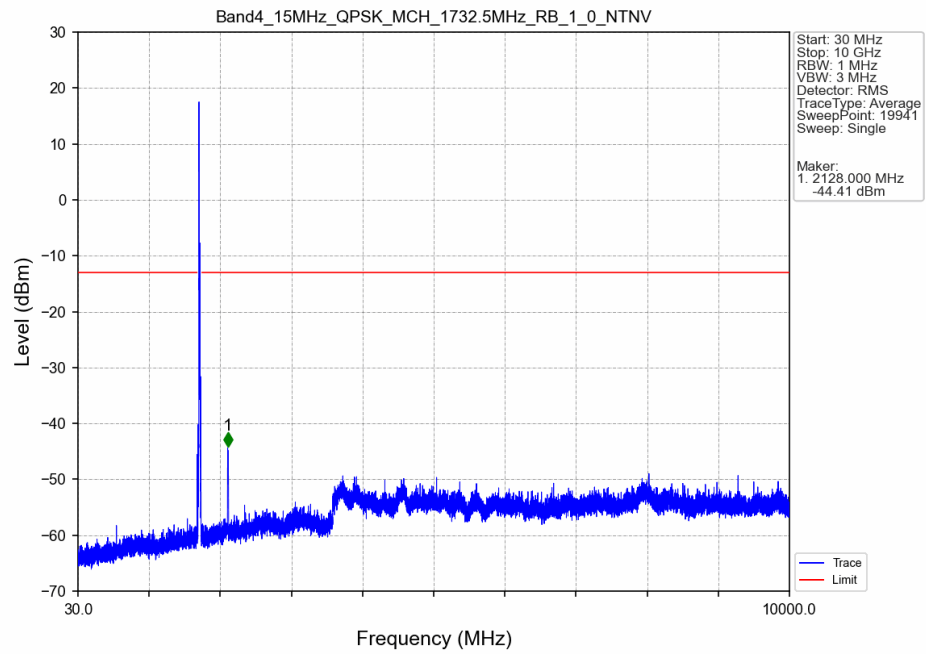


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV

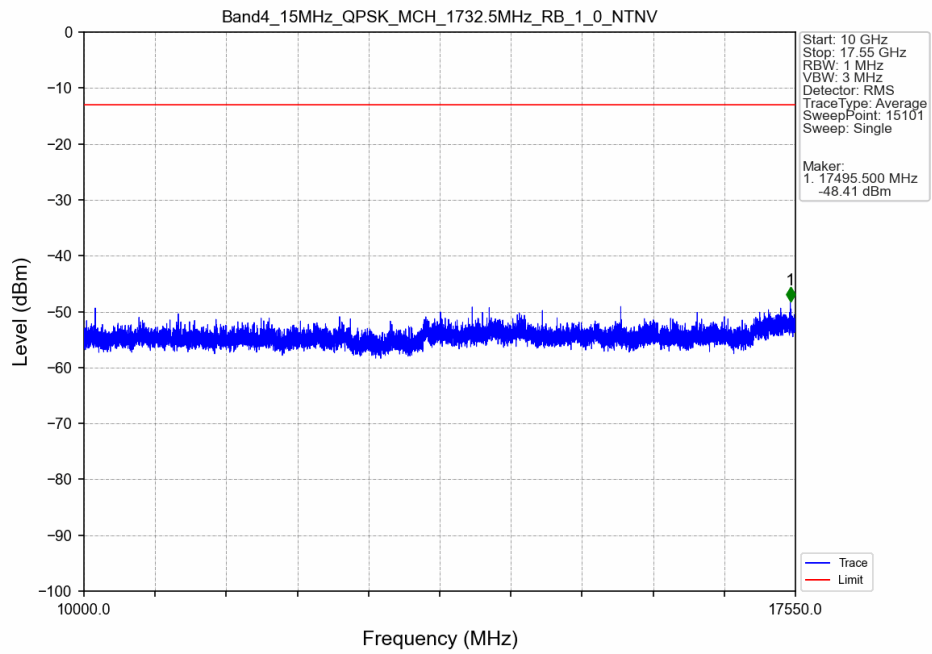


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-31.12	-13	Pass
1709	1710	0.152	CHP	2	1709.970	-31.39	-13	Pass
1710	1725	0.152	CHP	/	/	/	/	/

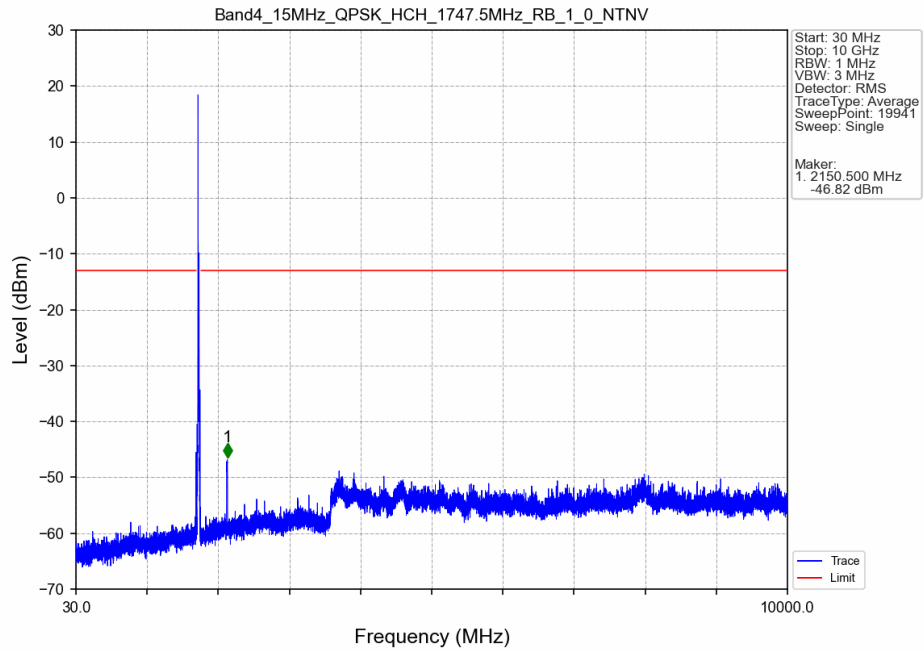
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



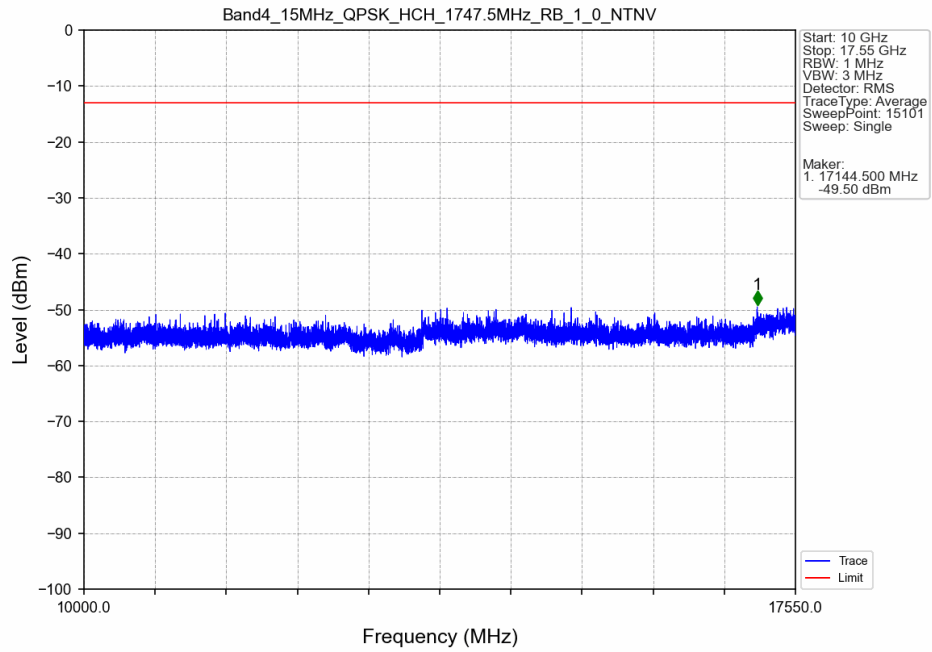
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



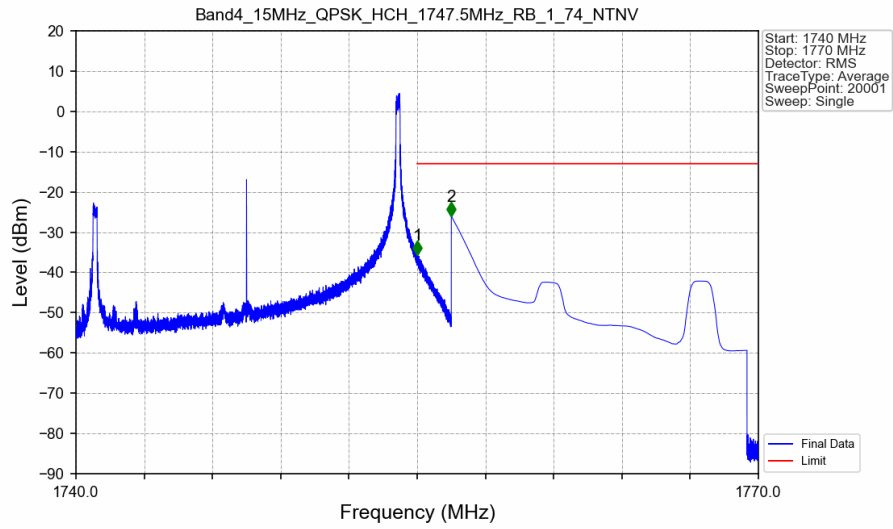
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV

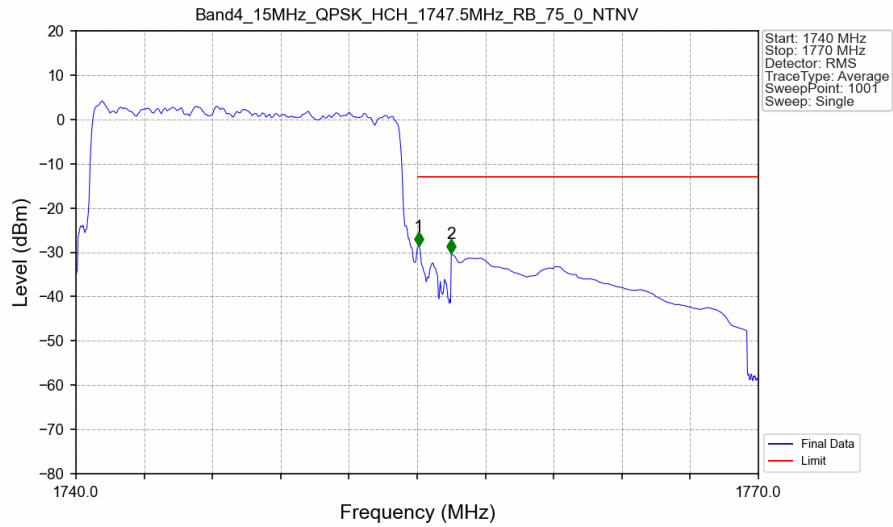


Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTNV



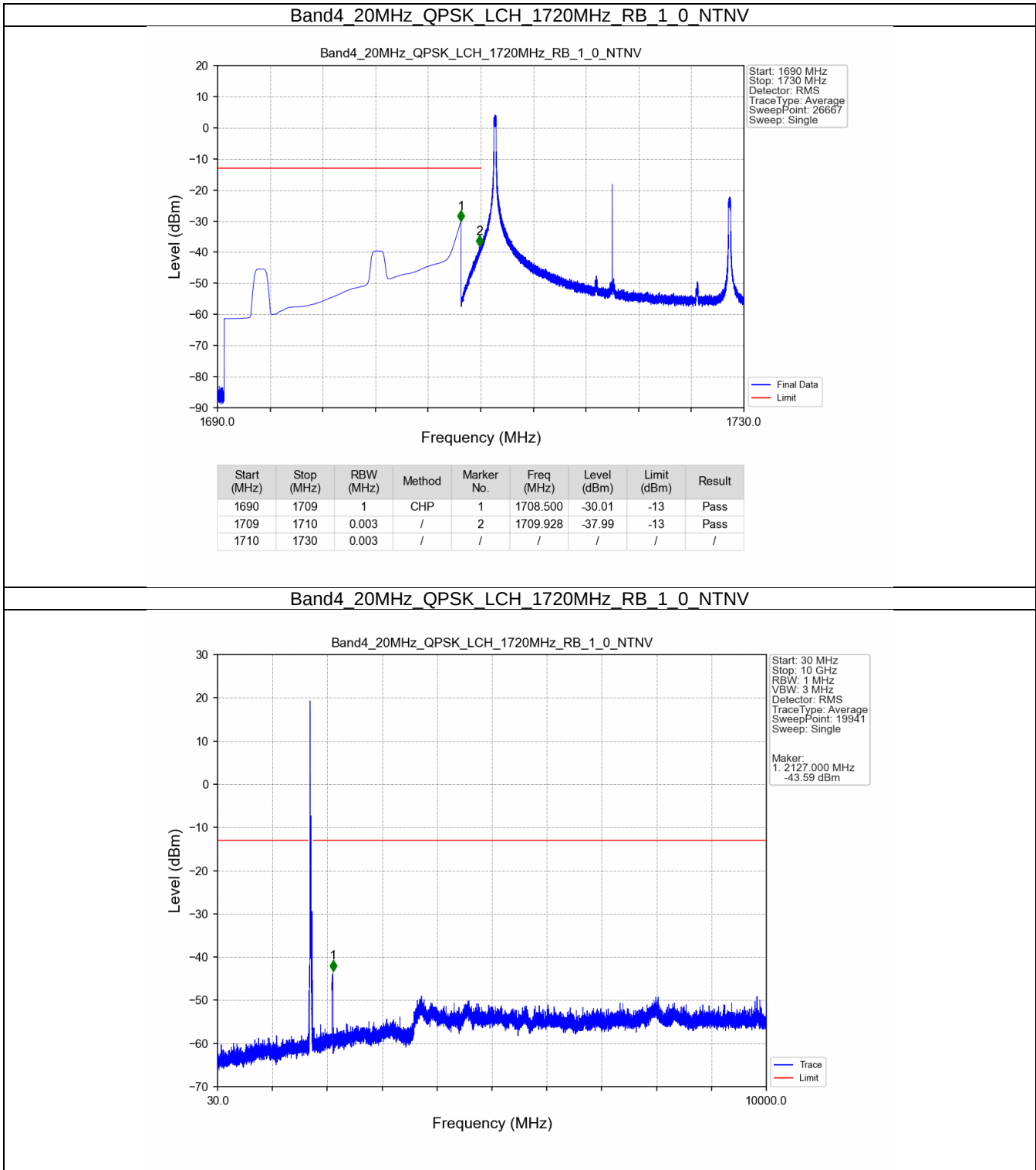
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.012	-35.57	-13	Pass
1756	1770	1	CHP	2	1756.500	-25.96	-13	Pass

Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV

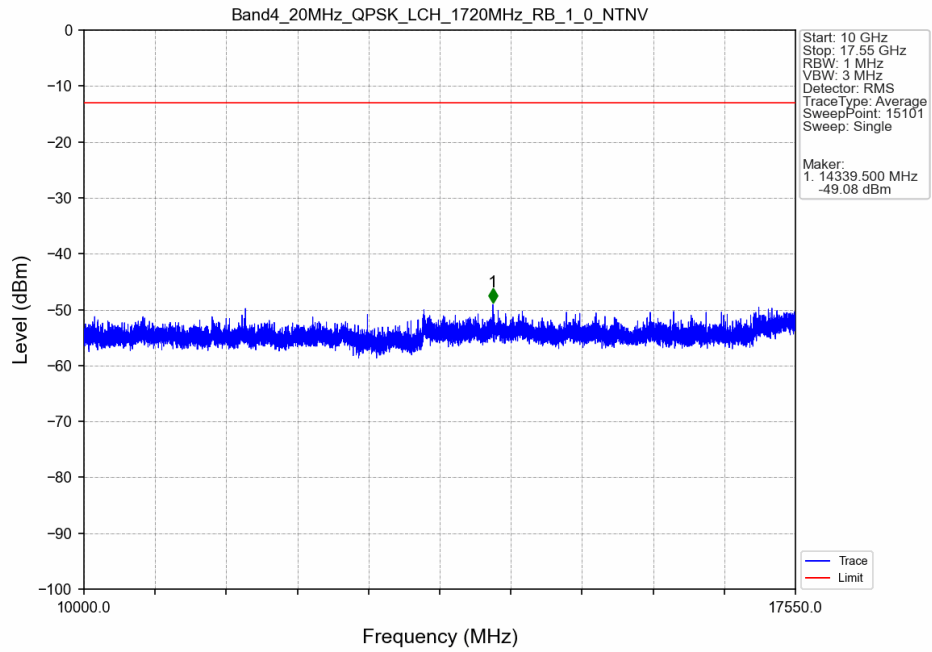


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.168	CHP	/	/	/	/	/
1755	1756	0.168	CHP	1	1755.060	-28.56	-13	Pass
1756	1770	1	CHP	2	1756.500	-30.27	-13	Pass

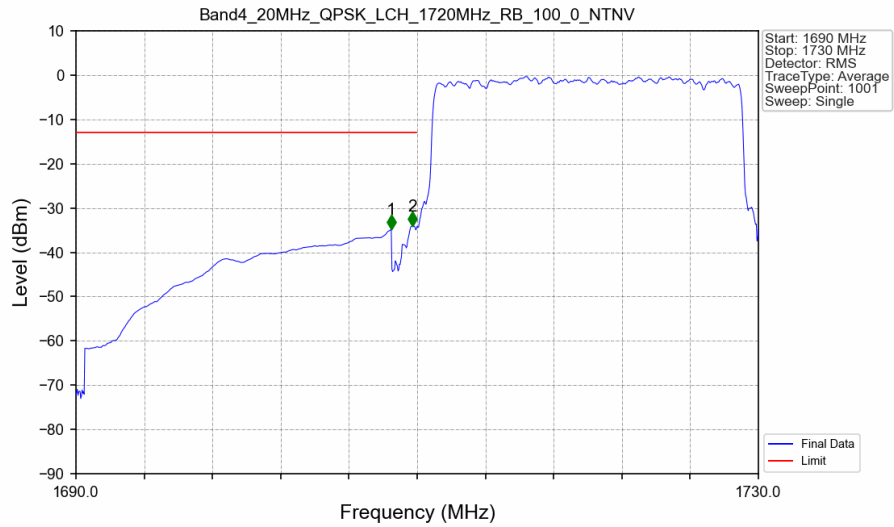
5.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

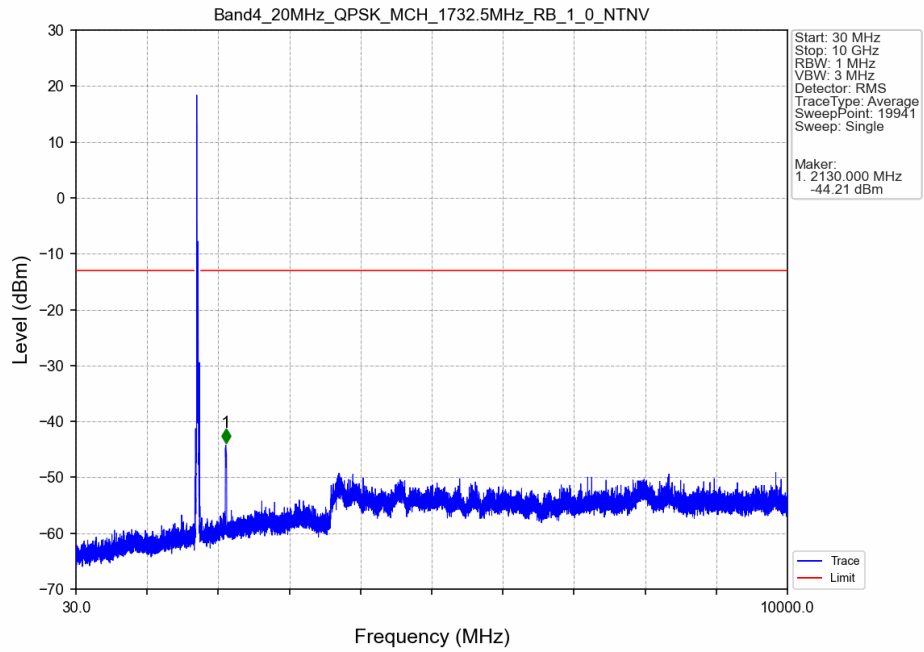


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV

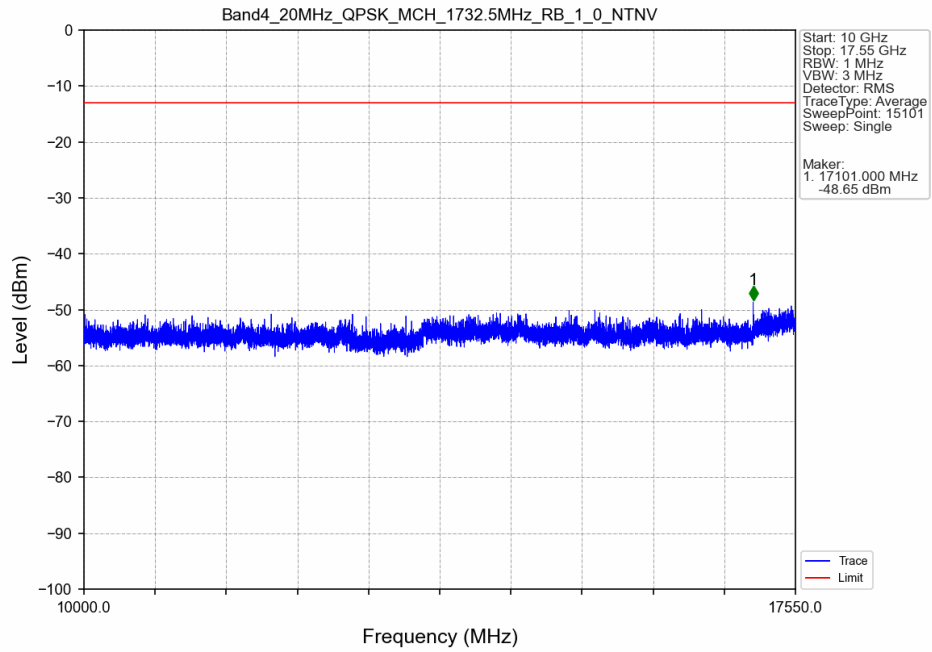


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-34.80	-13	Pass
1709	1710	0.216	CHP	2	1709.720	-34.02	-13	Pass
1710	1730	0.216	CHP	/	/	/	/	/

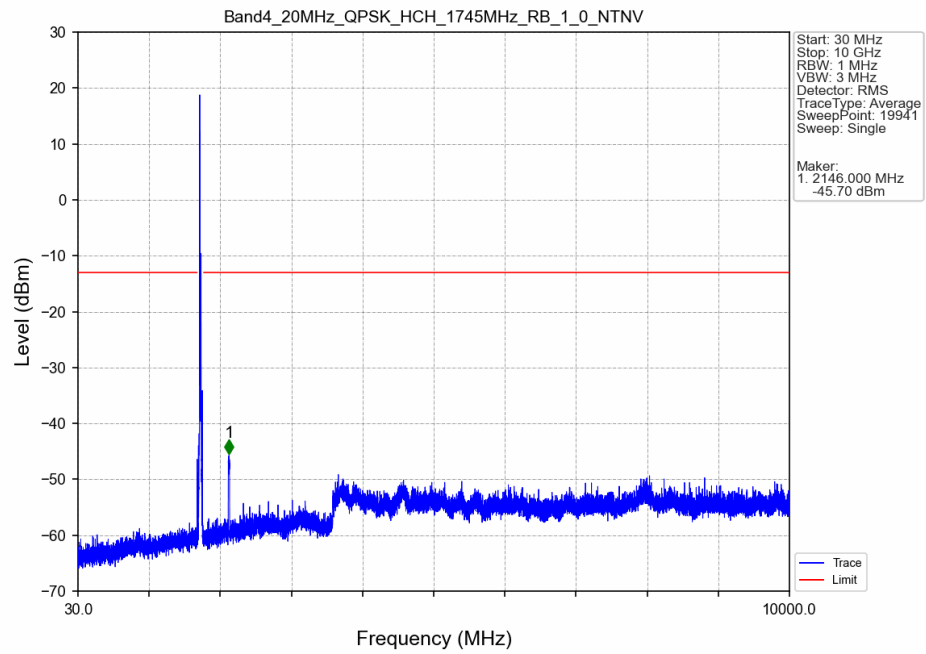
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



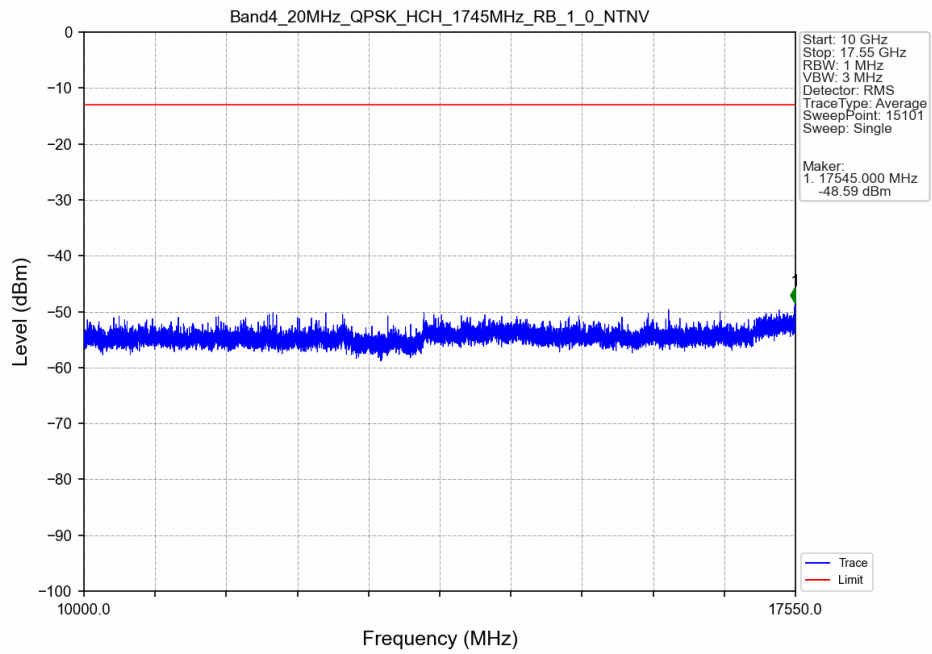
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



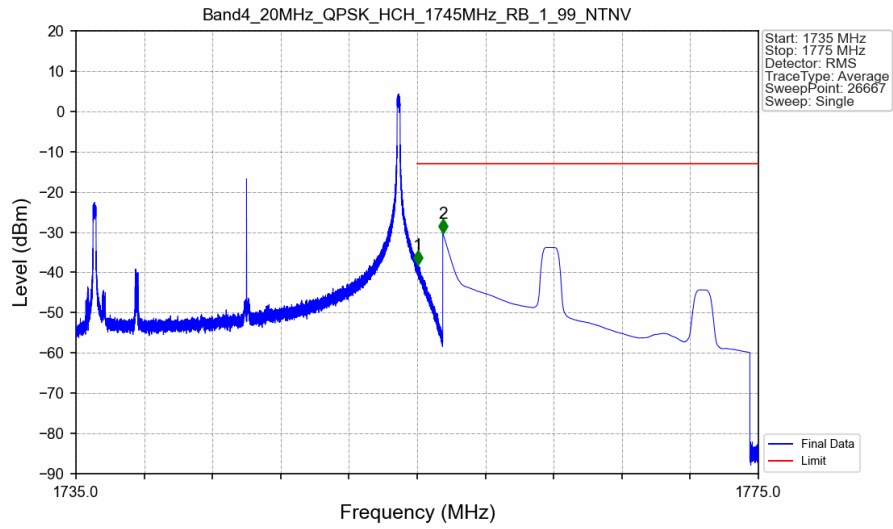
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN

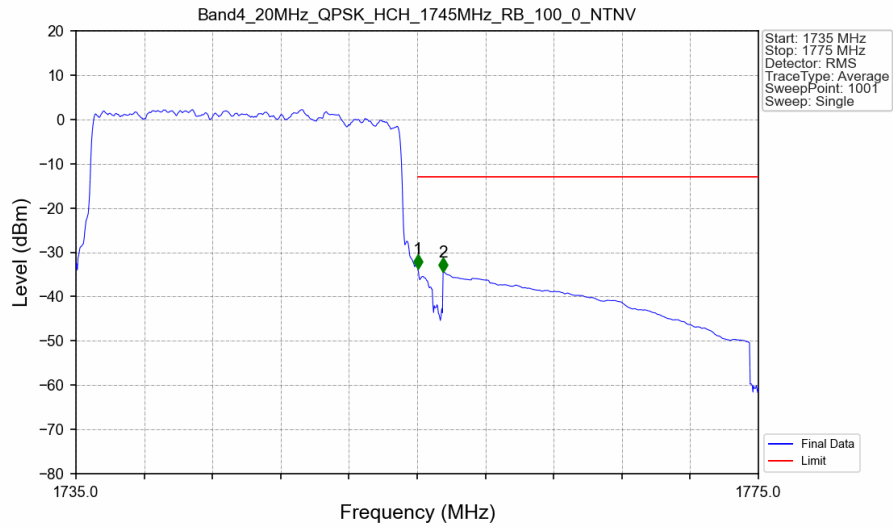


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.030	-37.97	-13	Pass
1756	1775	1	CHP	2	1756.500	-30.20	-13	Pass

Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.216	CHP	/	/	/	/	/
1755	1756	0.216	CHP	1	1755.040	-33.74	-13	Pass
1756	1775	1	CHP	2	1756.520	-34.34	-13	Pass

-The End-