

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	21.55	2.24	23.79	<=30	Pass
			7	21.39	2.24	23.63	<=30	Pass
			14	20.86	2.24	23.10	<=30	Pass
		8	0	19.83	2.24	22.07	<=30	Pass
			4	20.04	2.24	22.28	<=30	Pass
			7	19.76	2.24	22.00	<=30	Pass
		15	0	20.14	2.24	22.38	<=30	Pass
	1732.5	1	0	22.60	2.24	24.84	<=30	Pass
			7	22.91	2.24	25.15	<=30	Pass
			14	22.16	2.24	24.40	<=30	Pass
		8	0	21.19	2.24	23.43	<=30	Pass
			4	21.43	2.24	23.67	<=30	Pass
			7	21.16	2.24	23.40	<=30	Pass
		15	0	21.50	2.24	23.74	<=30	Pass
	1753.5	1	0	21.64	2.24	23.88	<=30	Pass
			7	21.73	2.24	23.97	<=30	Pass
			14	21.09	2.24	23.33	<=30	Pass
		8	0	20.11	2.24	22.35	<=30	Pass
			4	20.38	2.24	22.62	<=30	Pass
			7	20.11	2.24	22.35	<=30	Pass
		15	0	20.45	2.24	22.69	<=30	Pass
16QAM	1711.5	1	0	20.82	2.24	23.06	<=30	Pass
			7	20.94	2.24	23.18	<=30	Pass
			14	20.26	2.24	22.50	<=30	Pass
		8	0	19.06	2.24	21.30	<=30	Pass
			4	19.34	2.24	21.58	<=30	Pass
			7	19.07	2.24	21.31	<=30	Pass
		15	0	19.32	2.24	21.56	<=30	Pass
	1732.5	1	0	21.80	2.24	24.04	<=30	Pass
			7	21.91	2.24	24.15	<=30	Pass
			14	21.50	2.24	23.74	<=30	Pass
		8	0	20.19	2.24	22.43	<=30	Pass
			4	20.46	2.24	22.70	<=30	Pass
			7	20.19	2.24	22.43	<=30	Pass
		15	0	20.52	2.24	22.76	<=30	Pass
	1753.5	1	0	20.43	2.24	22.67	<=30	Pass
			7	20.79	2.24	23.03	<=30	Pass
			14	20.10	2.24	22.34	<=30	Pass
		8	0	19.25	2.24	21.49	<=30	Pass
			4	19.50	2.24	21.74	<=30	Pass
			7	19.23	2.24	21.47	<=30	Pass
		15	0	19.58	2.24	21.82	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1712.5	1	0	21.49	2.24	23.73	<=30	Pass		
			13	21.28	2.24	23.52	<=30	Pass		
			24	21.15	2.24	23.39	<=30	Pass		
		12	0	20.11	2.24	22.35	<=30	Pass		
			6	20.13	2.24	22.37	<=30	Pass		
			13	20.08	2.24	22.32	<=30	Pass		
		25	0	20.20	2.24	22.44	<=30	Pass		
		1732.5	1	0	22.56	2.24	24.80	<=30	Pass	
				13	22.62	2.24	24.86	<=30	Pass	
	24			22.47	2.24	24.71	<=30	Pass		
	12		0	21.41	2.24	23.65	<=30	Pass		
			6	21.42	2.24	23.66	<=30	Pass		
			13	21.48	2.24	23.72	<=30	Pass		
	25	0	21.50	2.24	23.74	<=30	Pass			
	1752.5	1	0	21.75	2.24	23.99	<=30	Pass		
			13	21.30	2.24	23.54	<=30	Pass		
			24	21.66	2.24	23.90	<=30	Pass		
		12	0	20.71	2.24	22.95	<=30	Pass		
			6	20.54	2.24	22.78	<=30	Pass		
			13	20.46	2.24	22.70	<=30	Pass		
		25	0	20.42	2.24	22.66	<=30	Pass		
		16QAM	1712.5	1	0	20.48	2.24	22.72	<=30	Pass
					13	20.14	2.24	22.38	<=30	Pass
	24				20.09	2.24	22.33	<=30	Pass	
12	0			19.28	2.24	21.52	<=30	Pass		
	6			19.28	2.24	21.52	<=30	Pass		
	13			19.24	2.24	21.48	<=30	Pass		
25	0			19.26	2.24	21.50	<=30	Pass		
1732.5	1			0	21.77	2.24	24.01	<=30	Pass	
				13	21.72	2.24	23.96	<=30	Pass	
			24	21.80	2.24	24.04	<=30	Pass		
	12		0	20.54	2.24	22.78	<=30	Pass		
			6	20.55	2.24	22.79	<=30	Pass		
			13	20.62	2.24	22.86	<=30	Pass		
25	0		20.58	2.24	22.82	<=30	Pass			
1752.5	1		0	20.76	2.24	23.00	<=30	Pass		
		13	20.52	2.24	22.76	<=30	Pass			
		24	20.62	2.24	22.86	<=30	Pass			
	12	0	19.83	2.24	22.07	<=30	Pass			
		6	19.65	2.24	21.89	<=30	Pass			
		13	19.56	2.24	21.80	<=30	Pass			
25	0	19.55	2.24	21.79	<=30	Pass				
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1715	1	0	21.49	2.24	23.73	<=30	Pass		
			25	21.41	2.24	23.65	<=30	Pass		
			49	21.45	2.24	23.69	<=30	Pass		
		25	0	20.24	2.24	22.48	<=30	Pass		
			13	20.20	2.24	22.44	<=30	Pass		
			25	20.58	2.24	22.82	<=30	Pass		
		50	0	20.36	2.24	22.60	<=30	Pass		
		1732.5	1	0	22.44	2.24	24.68	<=30	Pass	
				25	22.62	2.24	24.86	<=30	Pass	
	49			22.34	2.24	24.58	<=30	Pass		
	25		0	21.44	2.24	23.68	<=30	Pass		
			13	21.46	2.24	23.70	<=30	Pass		
			25	21.84	2.24	24.08	<=30	Pass		
	50		0	21.42	2.24	23.66	<=30	Pass		
	1750		1	0	22.37	2.24	24.61	<=30	Pass	
				25	21.88	2.24	24.12	<=30	Pass	
		49		21.32	2.24	23.56	<=30	Pass		
		25	0	20.88	2.24	23.12	<=30	Pass		
			13	20.62	2.24	22.86	<=30	Pass		
			25	20.72	2.24	22.96	<=30	Pass		
		50	0	20.70	2.24	22.94	<=30	Pass		
		16QAM	1715	1	0	21.15	2.24	23.39	<=30	Pass
					25	20.75	2.24	22.99	<=30	Pass
	49				21.05	2.24	23.29	<=30	Pass	
	12			0	20.20	2.24	22.44	<=30	Pass	
				19	20.35	2.24	22.59	<=30	Pass	
				38	20.42	2.24	22.66	<=30	Pass	
27	0			19.27	2.24	21.51	<=30	Pass		
1732.5	1			0	21.55	2.24	23.79	<=30	Pass	
				25	21.58	2.24	23.82	<=30	Pass	
			49	21.67	2.24	23.91	<=30	Pass		
	12		0	21.36	2.24	23.60	<=30	Pass		
			19	21.55	2.24	23.79	<=30	Pass		
			38	21.79	2.24	24.03	<=30	Pass		
	27		0	20.55	2.24	22.79	<=30	Pass		
	1750		1	0	21.35	2.24	23.59	<=30	Pass	
				25	20.71	2.24	22.95	<=30	Pass	
49				20.49	2.24	22.73	<=30	Pass		
12			0	21.03	2.24	23.27	<=30	Pass		
			19	20.81	2.24	23.05	<=30	Pass		
			38	20.46	2.24	22.70	<=30	Pass		
27			23	19.86	2.24	22.10	<=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	21.44	2.24	23.68	<=30	Pass		
			38	21.61	2.24	23.85	<=30	Pass		
			74	22.40	2.24	24.64	<=30	Pass		
		36	0	20.49	2.24	22.73	<=30	Pass		
			18	20.56	2.24	22.80	<=30	Pass		
			39	21.35	2.24	23.59	<=30	Pass		
		75	0	20.63	2.24	22.87	<=30	Pass		
		1732.5	1	0	22.23	2.24	24.47	<=30	Pass	
				38	22.87	2.24	25.11	<=30	Pass	
	74			22.62	2.24	24.86	<=30	Pass		
	36		0	21.89	2.24	24.13	<=30	Pass		
			18	21.94	2.24	24.18	<=30	Pass		
			39	22.23	2.24	24.47	<=30	Pass		
	75	0	21.88	2.24	24.12	<=30	Pass			
	1747.5	1	0	22.84	2.24	25.08	<=30	Pass		
			38	22.12	2.24	24.36	<=30	Pass		
			74	21.74	2.24	23.98	<=30	Pass		
		36	0	21.84	2.24	24.08	<=30	Pass		
			18	21.47	2.24	23.71	<=30	Pass		
			39	21.37	2.24	23.61	<=30	Pass		
		75	0	21.19	2.24	23.43	<=30	Pass		
		16QAM	1717.5	1	0	20.62	2.24	22.86	<=30	Pass
					38	20.85	2.24	23.09	<=30	Pass
	74				21.98	2.24	24.22	<=30	Pass	
	12			0	20.39	2.24	22.63	<=30	Pass	
				31	20.54	2.24	22.78	<=30	Pass	
				63	22.25	2.24	24.49	<=30	Pass	
27	0			19.50	2.24	21.74	<=30	Pass		
1732.5	1		0	21.43	2.24	23.67	<=30	Pass		
			38	22.15	2.24	24.39	<=30	Pass		
			74	21.91	2.24	24.15	<=30	Pass		
	12		0	21.59	2.24	23.83	<=30	Pass		
			31	22.09	2.24	24.33	<=30	Pass		
			63	22.21	2.24	24.45	<=30	Pass		
27	0		20.76	2.24	23.00	<=30	Pass			
1747.5	1		0	22.23	2.24	24.47	<=30	Pass		
			38	21.39	2.24	23.63	<=30	Pass		
			74	21.24	2.24	23.48	<=30	Pass		
	12		0	21.96	2.24	24.20	<=30	Pass		
			31	21.12	2.24	23.36	<=30	Pass		
			63	21.41	2.24	23.65	<=30	Pass		
	27		48	20.20	2.24	22.44	<=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	21.61	2.24	23.85	<=30	Pass		
			50	22.05	2.24	24.29	<=30	Pass		
			99	22.68	2.24	24.92	<=30	Pass		
		50	0	20.55	2.24	22.79	<=30	Pass		
			25	20.72	2.24	22.96	<=30	Pass		
			50	21.90	2.24	24.14	<=30	Pass		
		100	0	20.62	2.24	22.86	<=30	Pass		
		1732.5	1	0	22.40	2.24	24.64	<=30	Pass	
				50	22.90	2.24	25.14	<=30	Pass	
	99			22.63	2.24	24.87	<=30	Pass		
	50		0	21.75	2.24	23.99	<=30	Pass		
			25	21.82	2.24	24.06	<=30	Pass		
			50	22.15	2.24	24.39	<=30	Pass		
	100	0	21.71	2.24	23.95	<=30	Pass			
	1745	1	0	22.95	2.24	25.19	<=30	Pass		
			50	22.32	2.24	24.56	<=30	Pass		
			99	21.68	2.24	23.92	<=30	Pass		
		50	0	22.15	2.24	24.39	<=30	Pass		
			25	21.82	2.24	24.06	<=30	Pass		
			50	21.70	2.24	23.94	<=30	Pass		
		100	0	21.59	2.24	23.83	<=30	Pass		
		16QAM	1720	1	0	20.77	2.24	23.01	<=30	Pass
					50	21.40	2.24	23.64	<=30	Pass
	99				21.85	2.24	24.09	<=30	Pass	
12	0			20.69	2.24	22.93	<=30	Pass		
	44			21.20	2.24	23.44	<=30	Pass		
	88			21.73	2.24	23.97	<=30	Pass		
27	0			19.47	2.24	21.71	<=30	Pass		
1732.5	1			0	21.65	2.24	23.89	<=30	Pass	
				50	21.85	2.24	24.09	<=30	Pass	
			99	21.99	2.24	24.23	<=30	Pass		
	12		0	21.43	2.24	23.67	<=30	Pass		
			44	21.93	2.24	24.17	<=30	Pass		
			88	21.88	2.24	24.12	<=30	Pass		
27	0		20.36	2.24	22.60	<=30	Pass			
1745	1		0	21.90	2.24	24.14	<=30	Pass		
			50	21.69	2.24	23.93	<=30	Pass		
			99	21.30	2.24	23.54	<=30	Pass		
	12		0	21.85	2.24	24.09	<=30	Pass		
			44	21.27	2.24	23.51	<=30	Pass		
			88	21.27	2.24	23.51	<=30	Pass		
	27		73	20.10	2.24	22.34	<=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	3.40	-4.425	-0.0026	-2.5 to 2.5	Pass
					3.60	-0.759	-0.0004	-2.5 to 2.5	Pass
					4.20	-1.689	-0.0010	-2.5 to 2.5	Pass
				-30	3.60	-4.147	-0.0024	-2.5 to 2.5	Pass
				-20	3.60	-3.976	-0.0023	-2.5 to 2.5	Pass
				-10	3.60	-3.104	-0.0018	-2.5 to 2.5	Pass
				0	3.60	-1.931	-0.0011	-2.5 to 2.5	Pass
				10	3.60	-1.222	-0.0007	-2.5 to 2.5	Pass
				30	3.60	-2.569	-0.0015	-2.5 to 2.5	Pass
				40	3.60	-3.135	-0.0018	-2.5 to 2.5	Pass
				50	3.60	-3.459	-0.0020	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

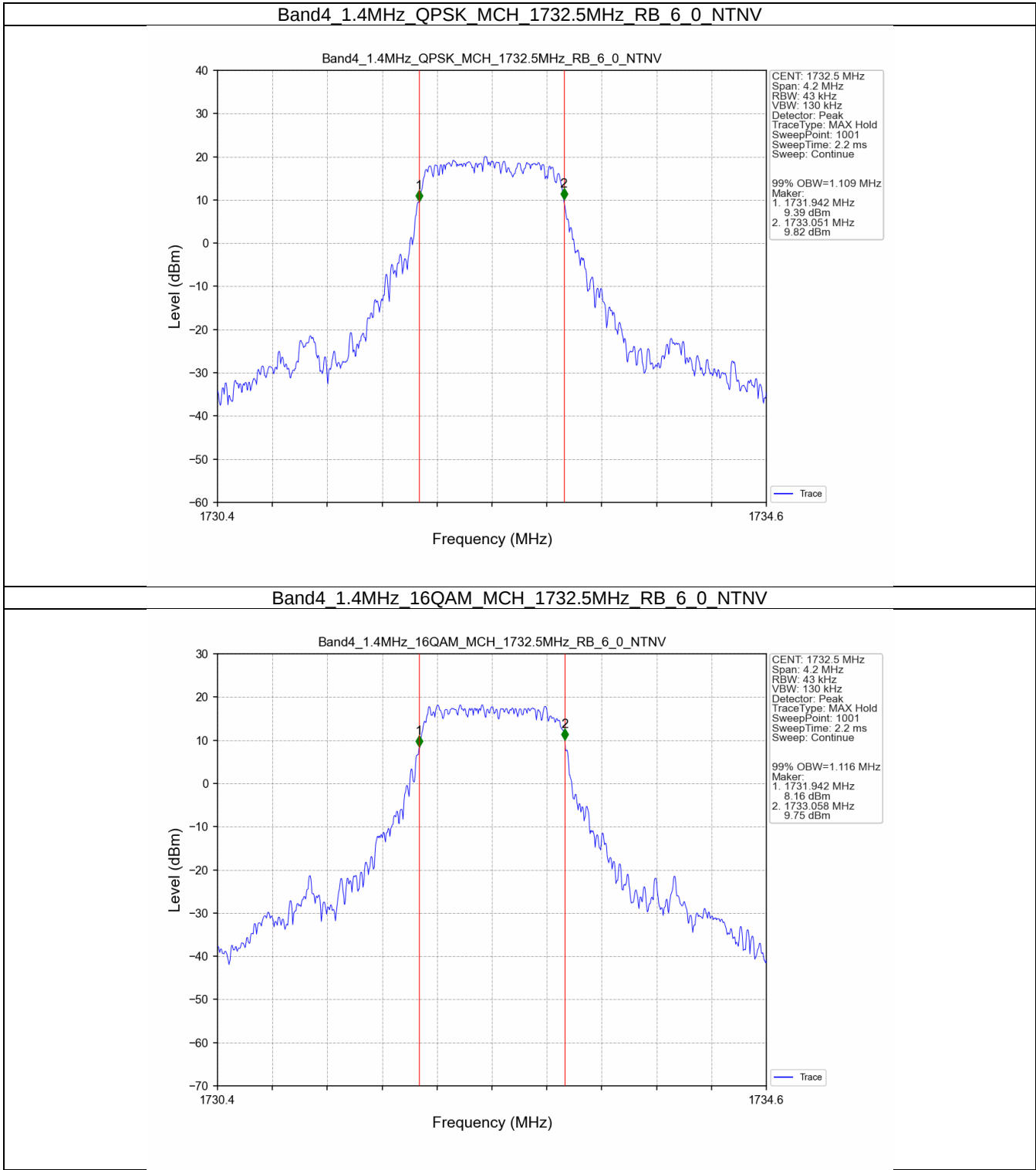
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.109	/	Pass
	16QAM	1732.5	6	0	1.116	/	Pass
3	QPSK	1732.5	15	0	2.717	/	Pass
	16QAM	1732.5	15	0	2.724	/	Pass
5	QPSK	1732.5	25	0	4.536	/	Pass
	16QAM	1732.5	25	0	4.523	/	Pass
10	QPSK	1732.5	50	0	9.002	/	Pass
	16QAM	1732.5	27	0	5.665	/	Pass
15	QPSK	1732.5	75	0	13.686	/	Pass
	16QAM	1732.5	27	0	6.851	/	Pass
20	QPSK	1732.5	100	0	18.160	/	Pass
	16QAM	1732.5	27	0	9.155	/	Pass

3.1.2 Band4_XDB

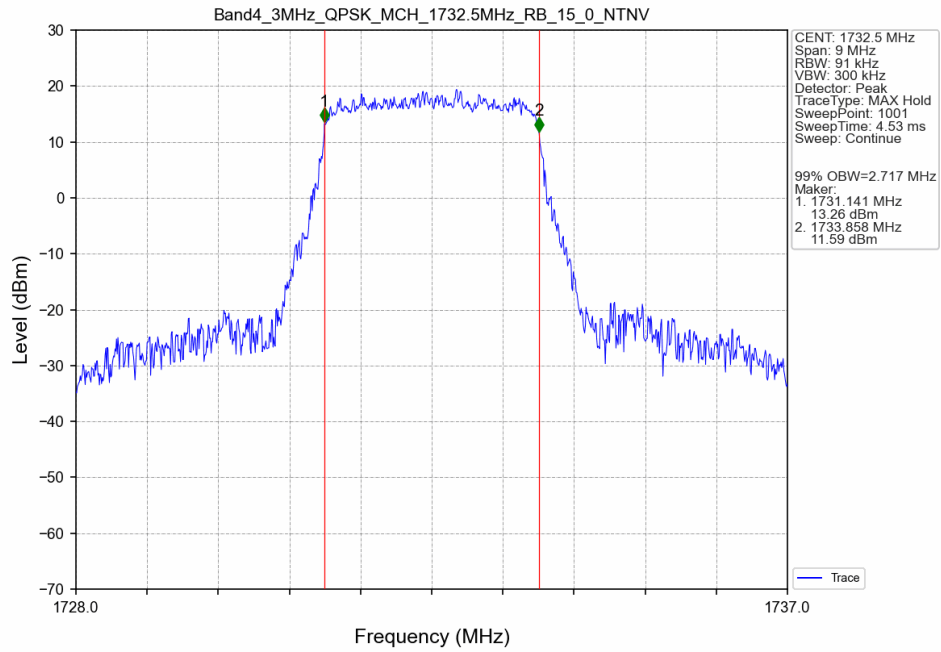
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.487	/	Pass
	16QAM	1732.5	6	0	1.494	/	Pass
3	QPSK	1732.5	15	0	3.252	/	Pass
	16QAM	1732.5	15	0	3.281	/	Pass
5	QPSK	1732.5	25	0	5.136	/	Pass
	16QAM	1732.5	25	0	5.116	/	Pass
10	QPSK	1732.5	50	0	9.863	/	Pass
	16QAM	1732.5	27	0	9.304	/	Pass
15	QPSK	1732.5	75	0	16.942	/	Pass
	16QAM	1732.5	27	0	12.433	/	Pass
20	QPSK	1732.5	100	0	21.642	/	Pass
	16QAM	1732.5	27	0	16.103	/	Pass

3.2 Test Graph

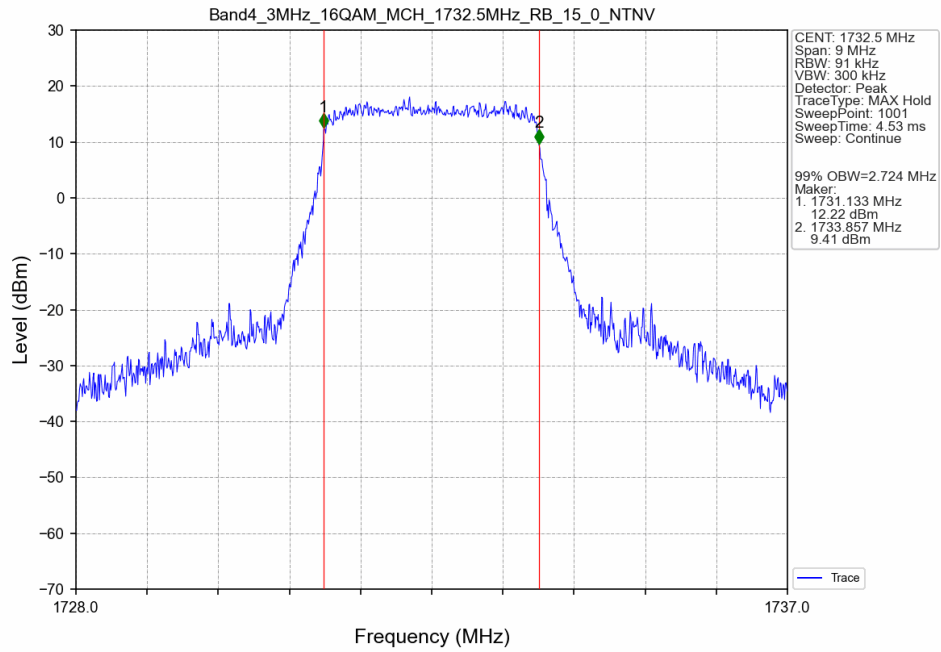
3.2.1 Band4_OBW



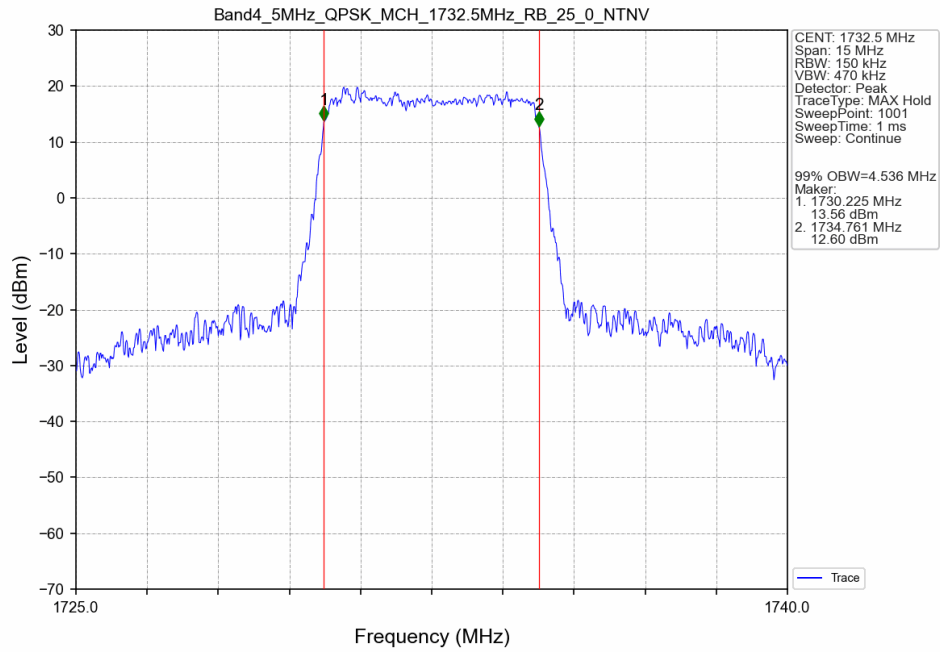
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTN



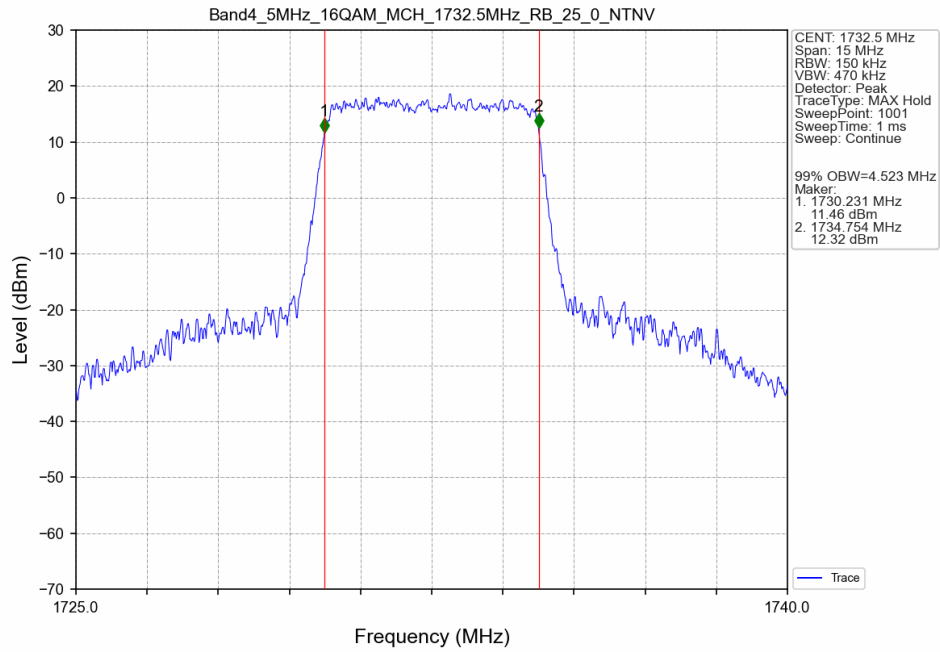
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTN



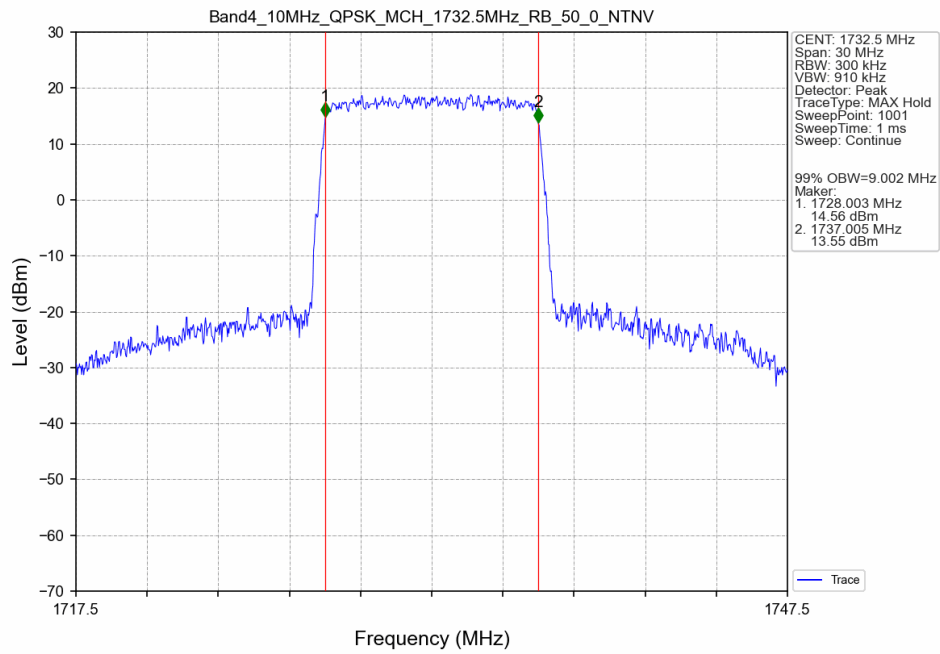
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTN



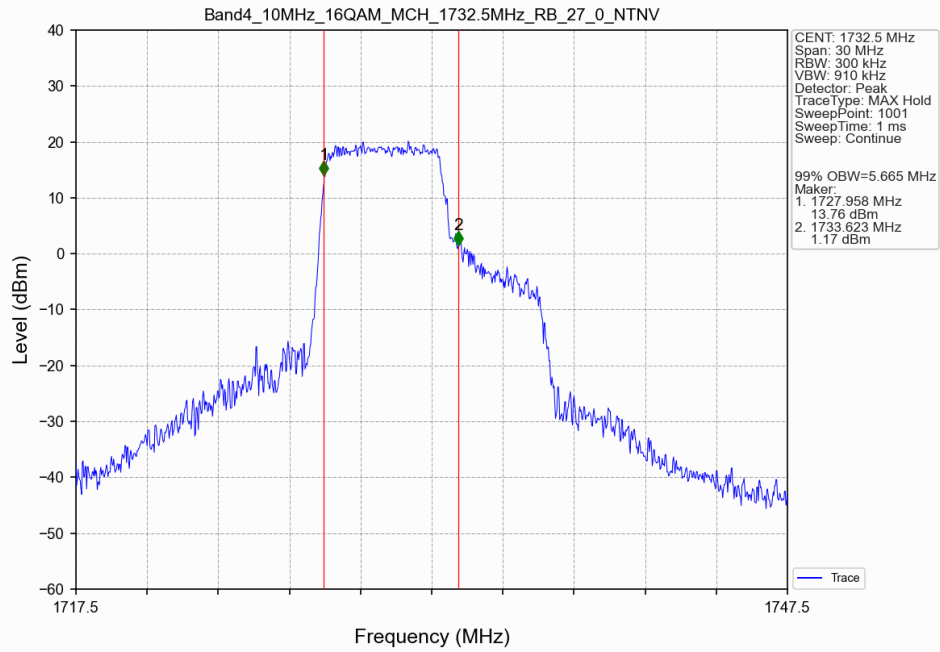
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTN



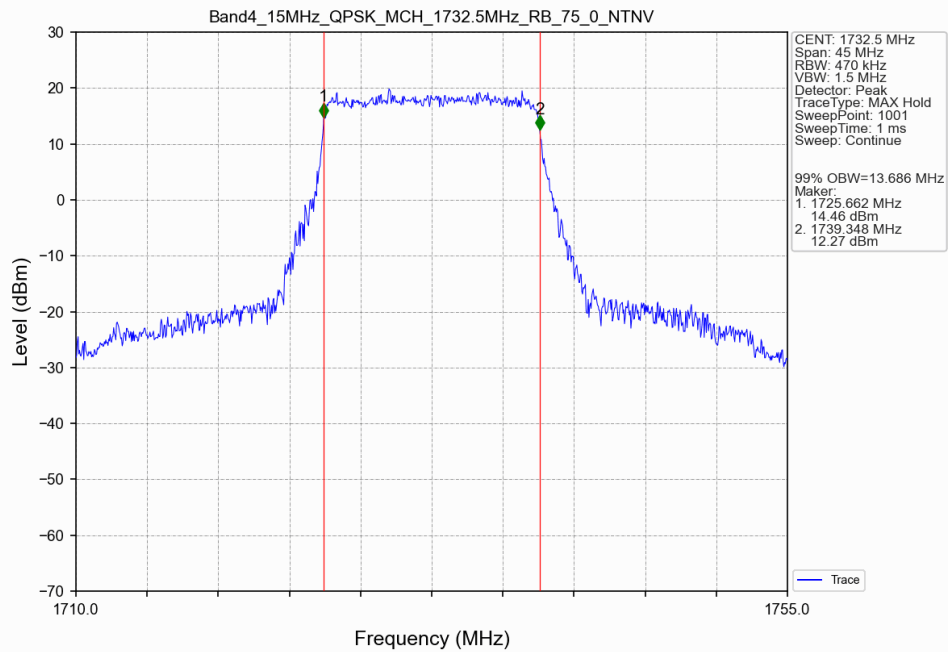
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTV



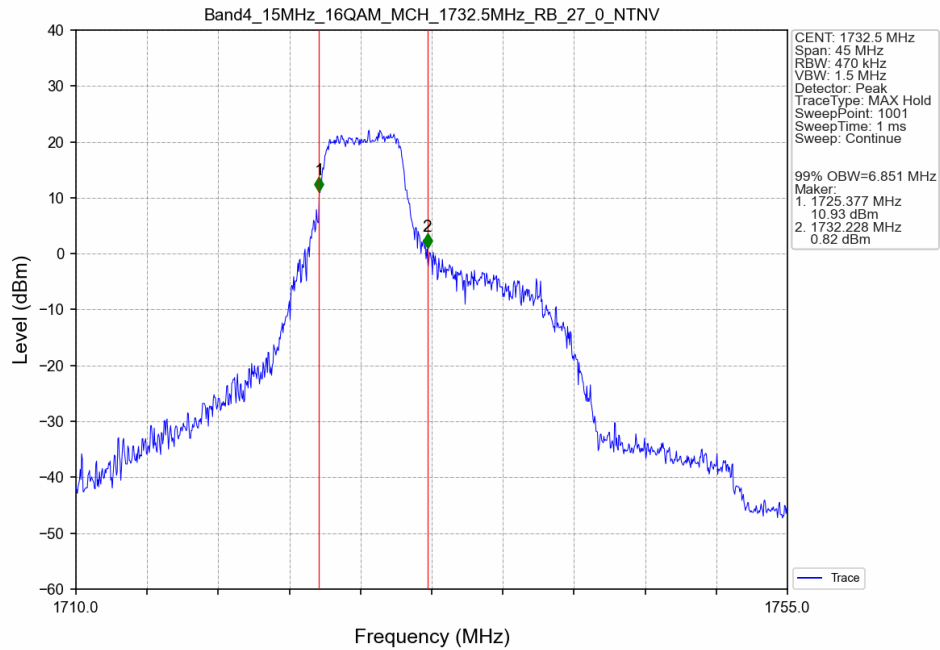
Band4 10MHz 16QAM MCH 1732.5MHz RB 27 0 NTV



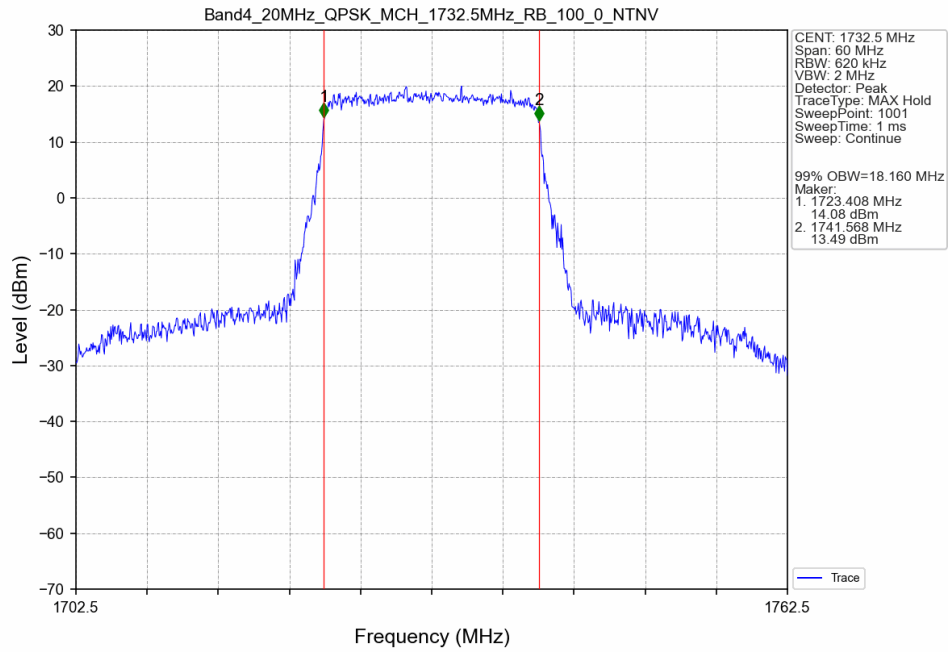
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



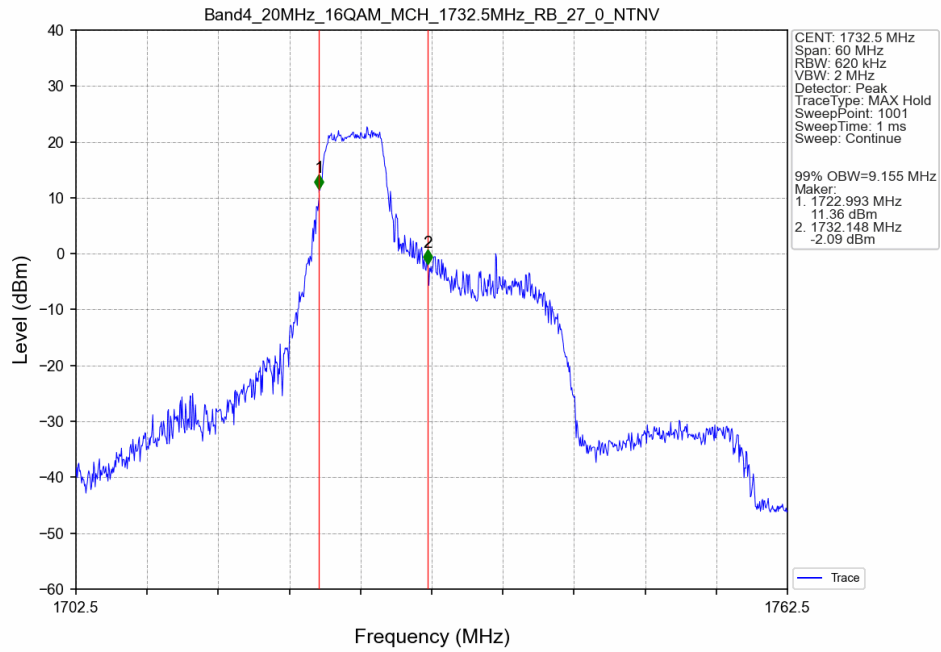
Band4 15MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



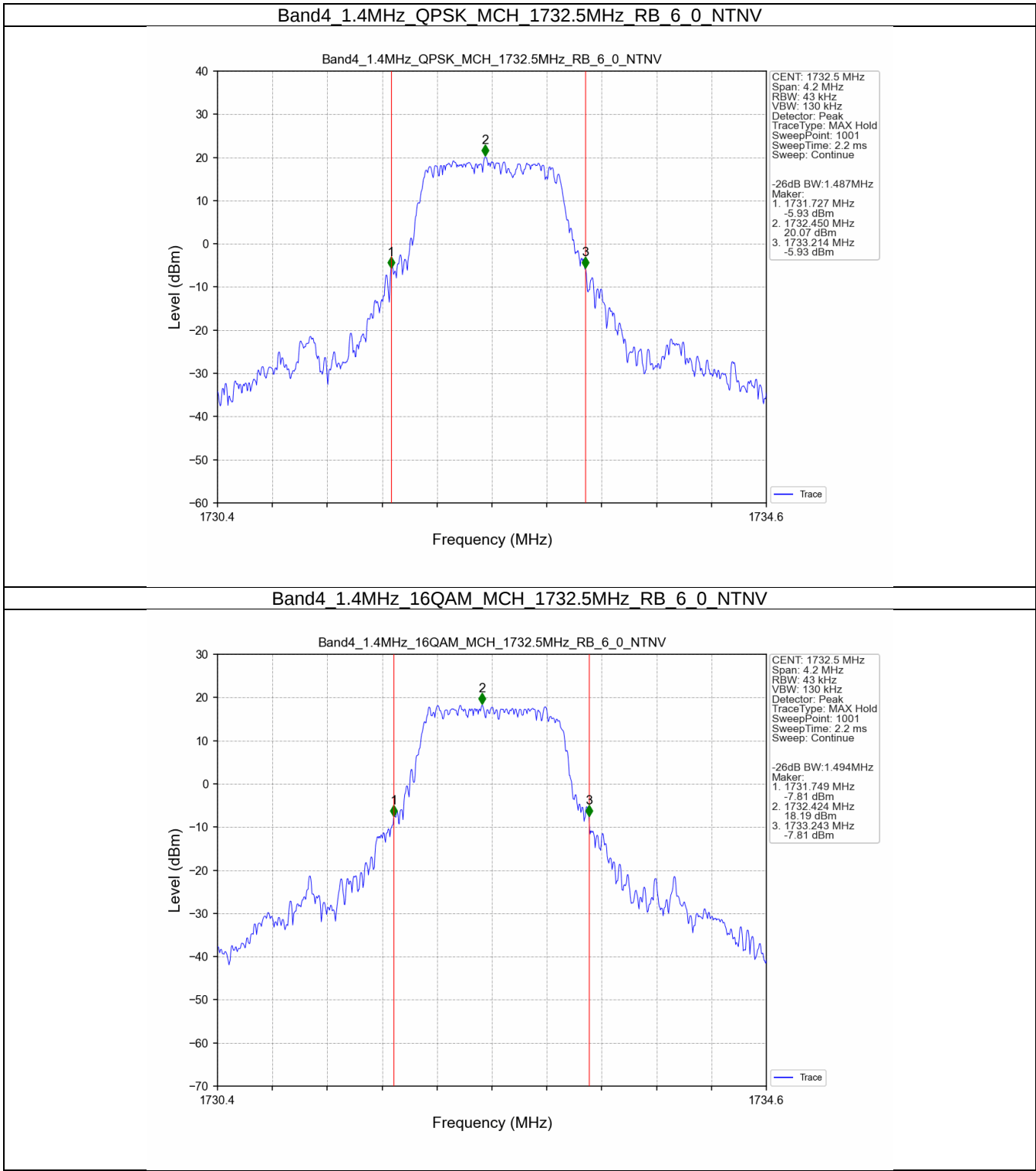
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



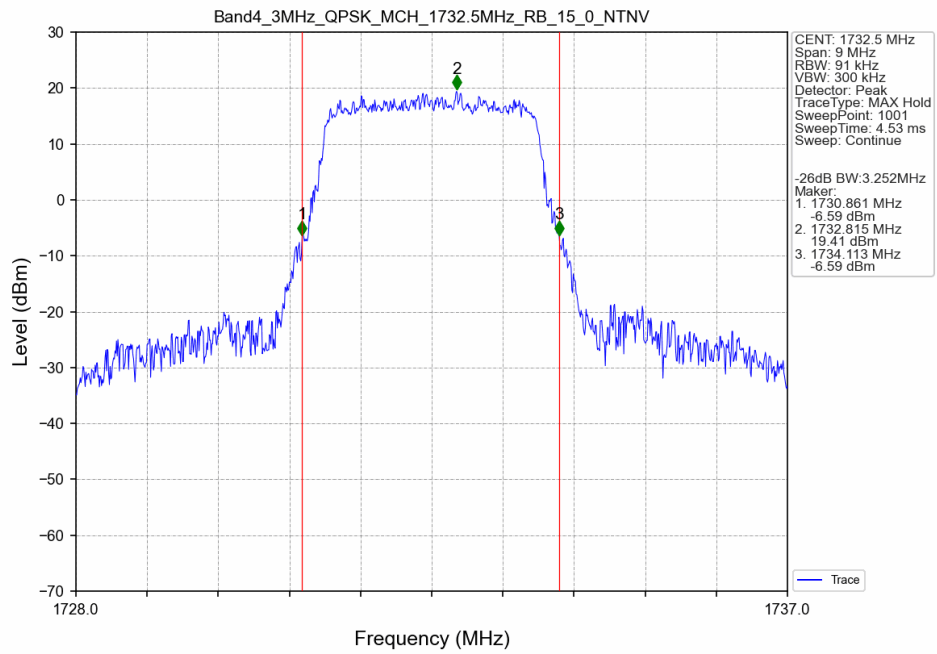
Band4 20MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



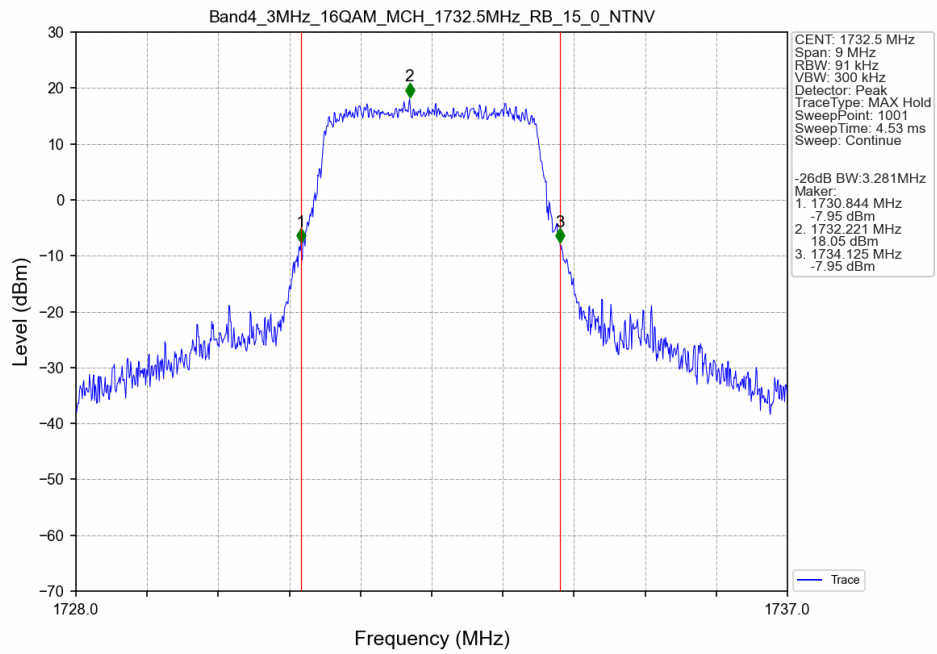
3.2.2 Band4_XDB



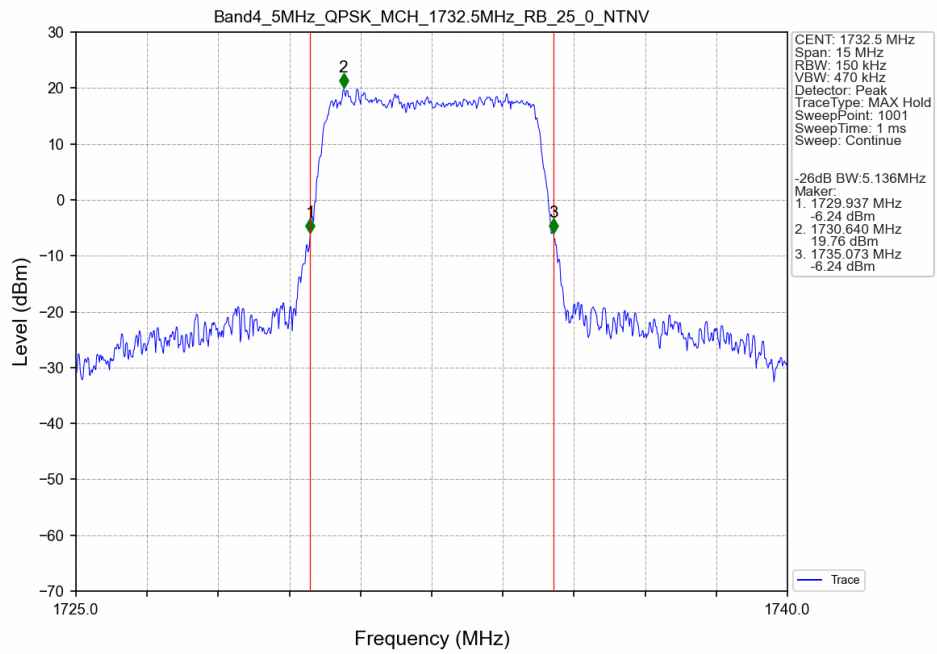
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTN



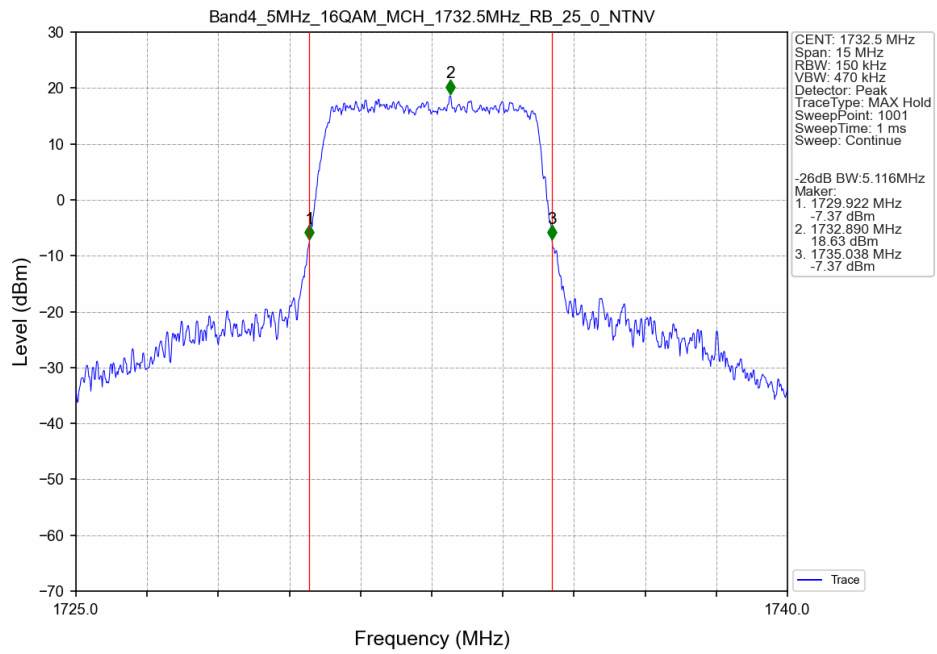
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTN



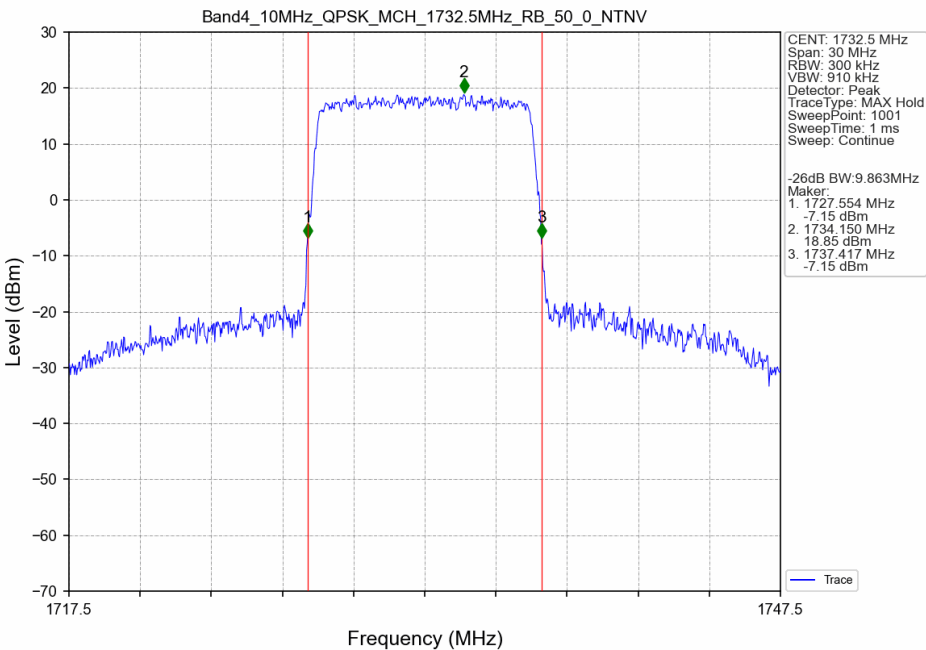
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTN



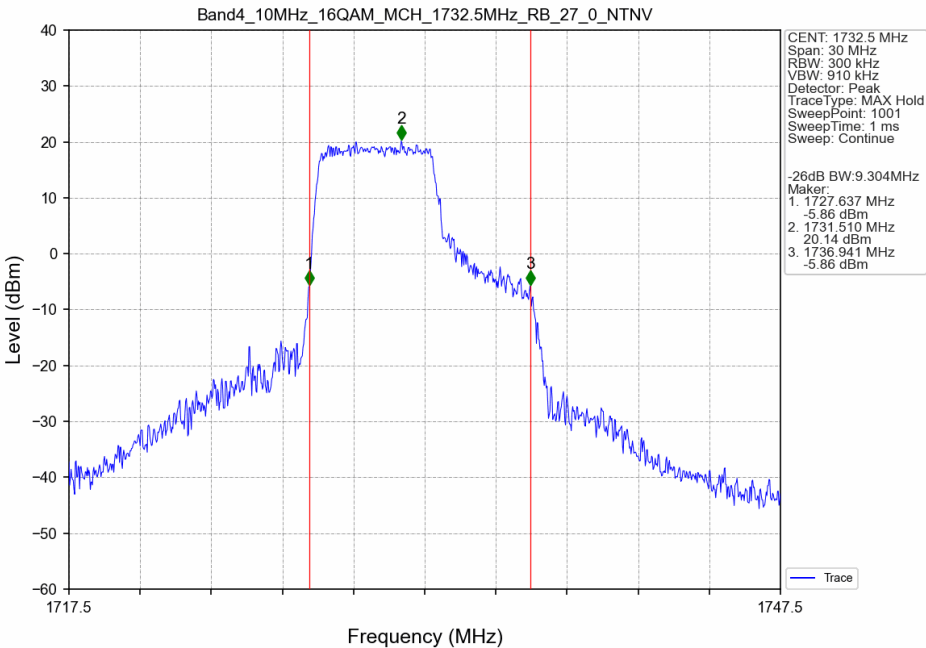
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTN



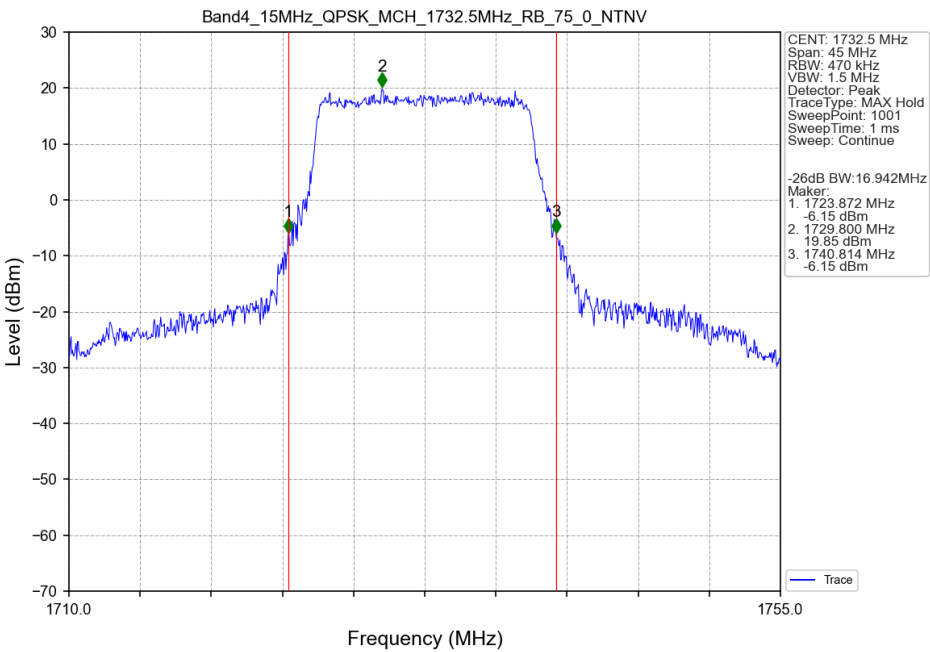
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTNV



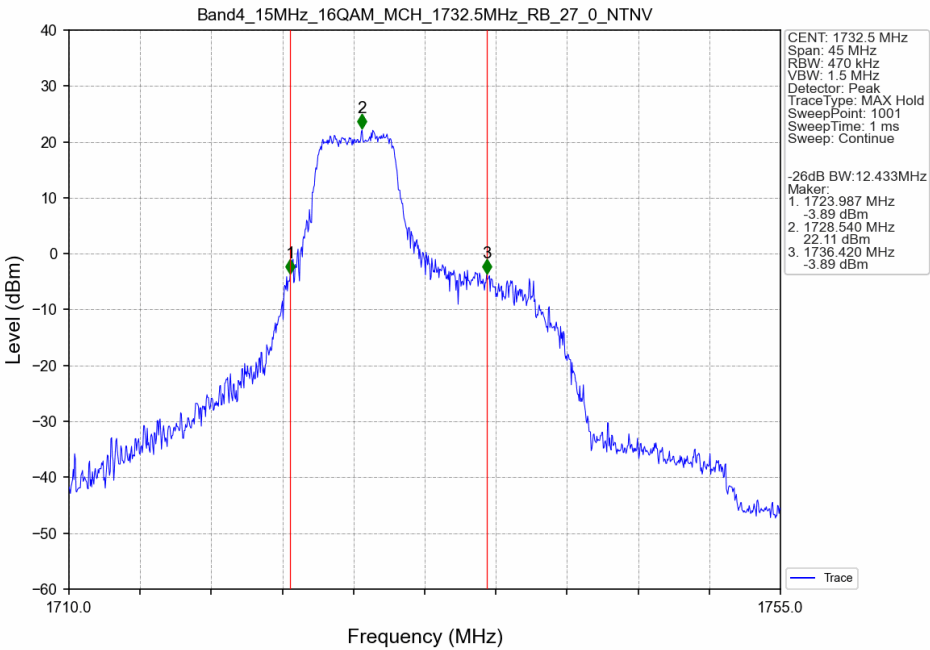
Band4 10MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



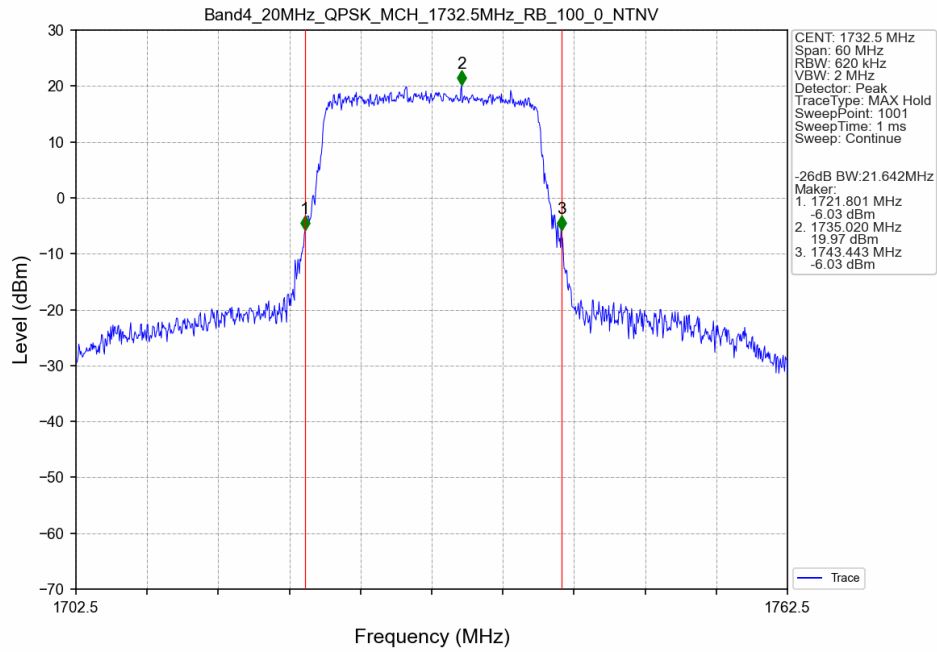
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



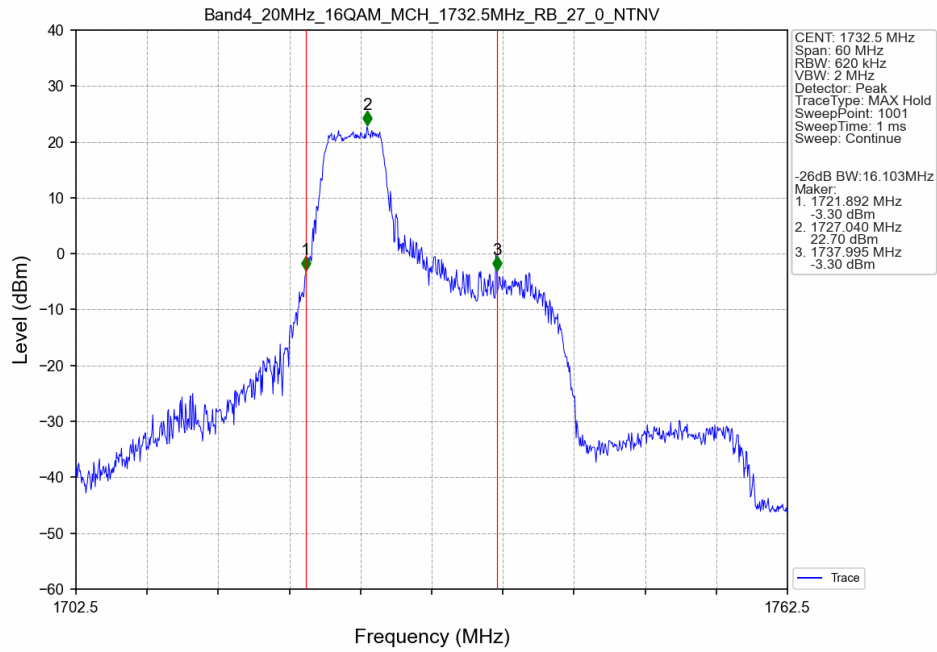
Band4 15MHz 16QAM MCH 1732.5MHz RB 27 0 NTNV



Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



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



4. Peak-Average Ratio

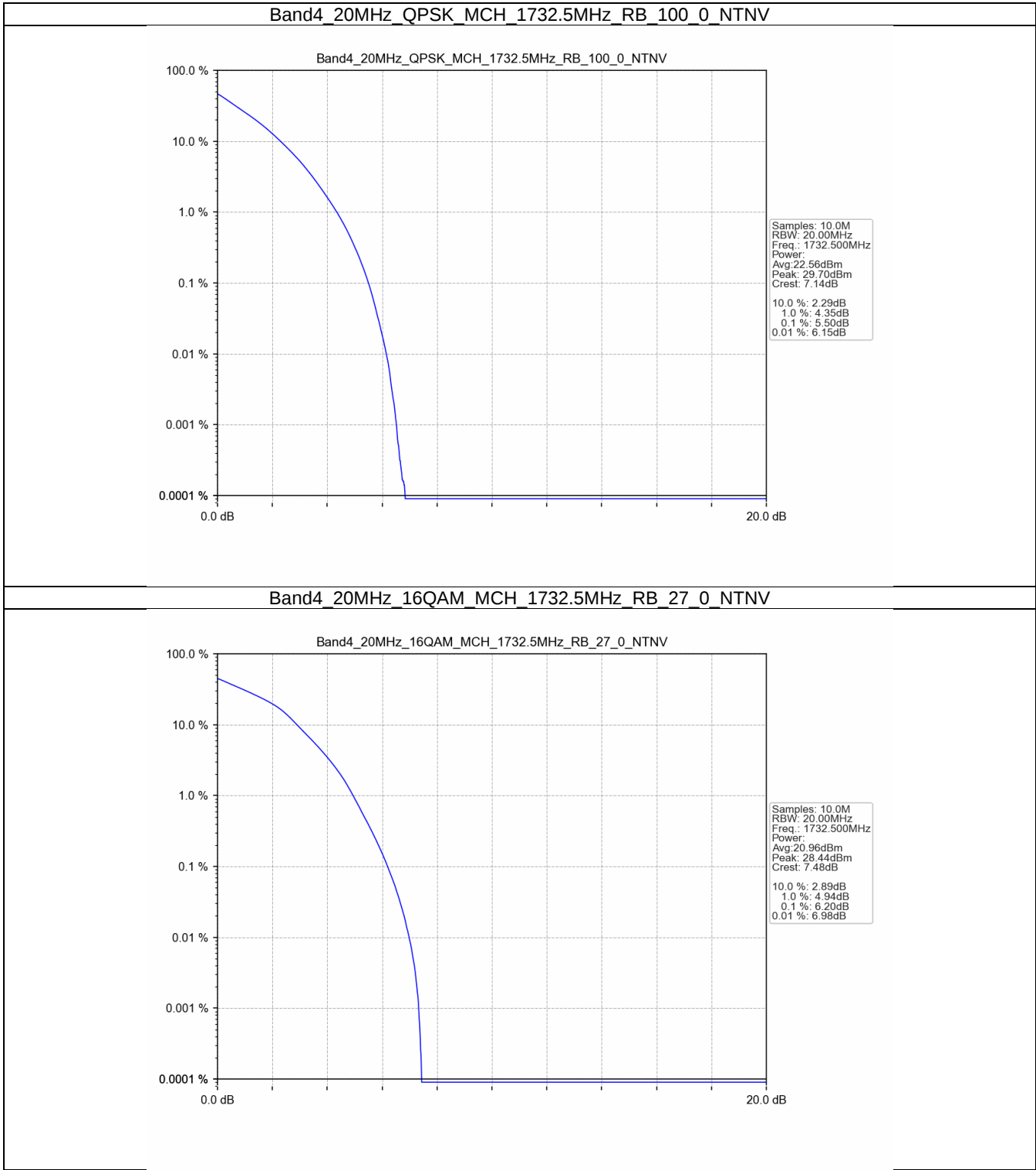
4.1 Test Result

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	5.50	<=13	Pass
16QAM	1732.5	27	0	6.20	<=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

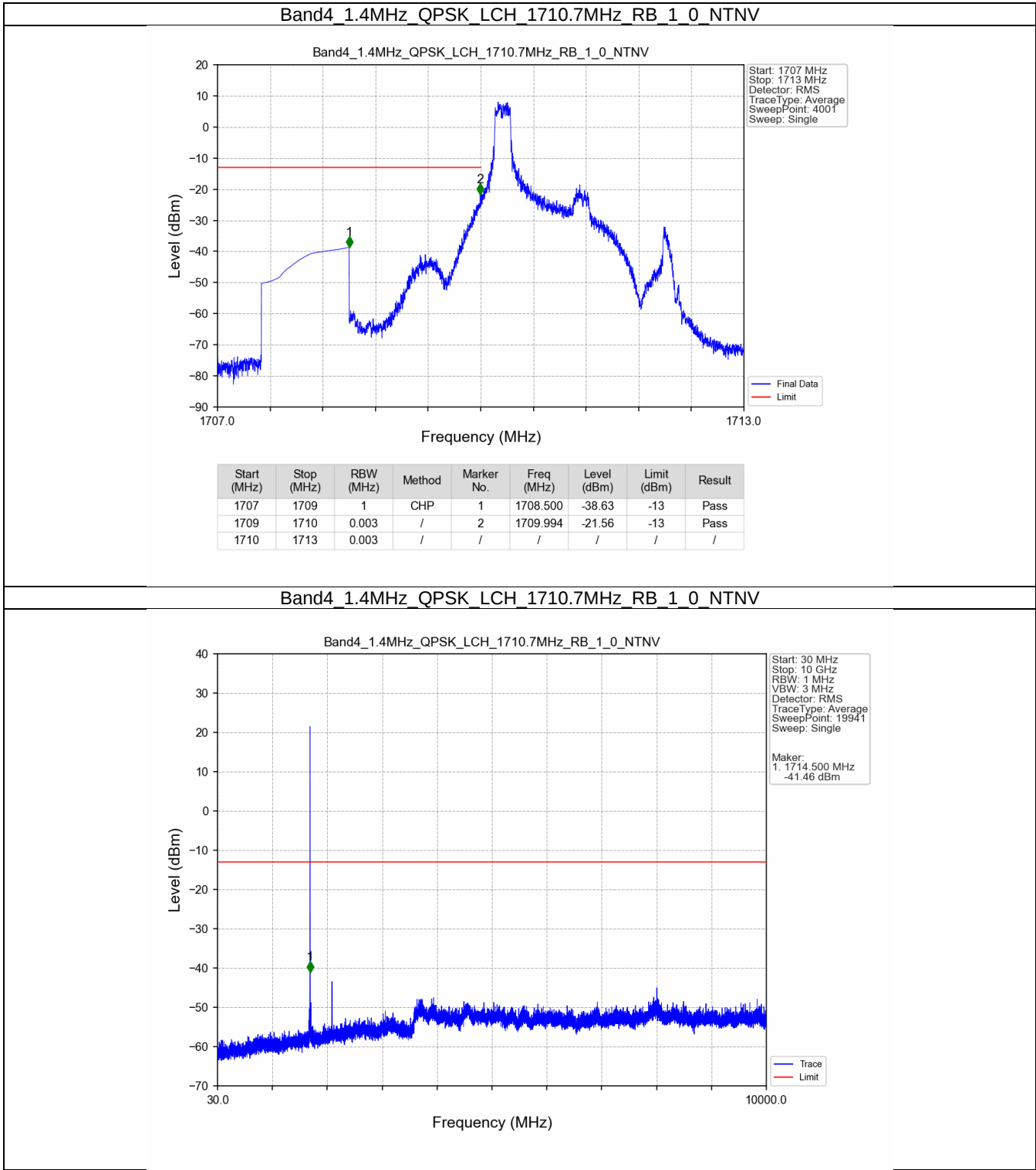
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

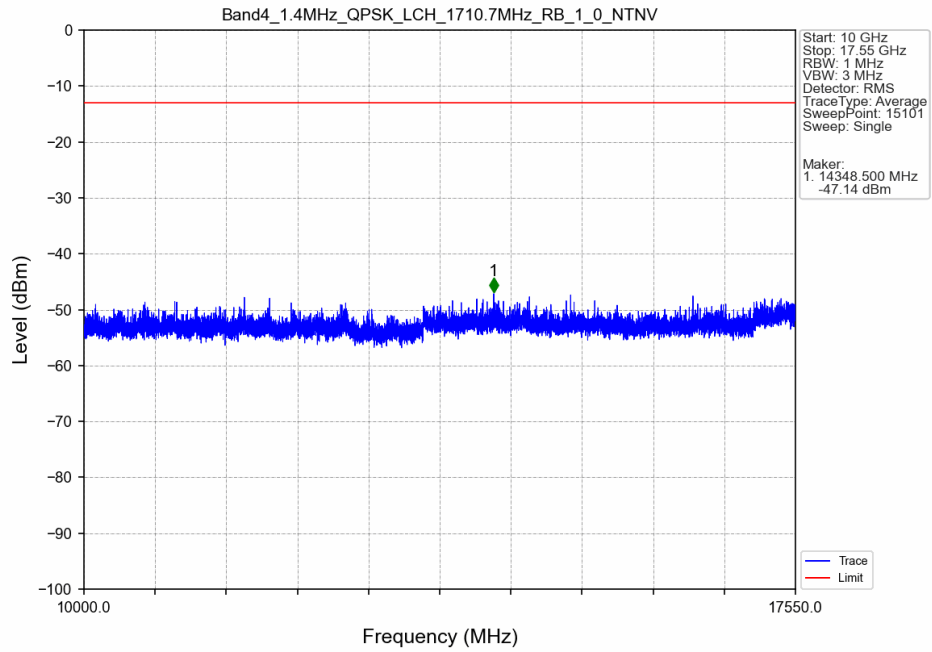
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

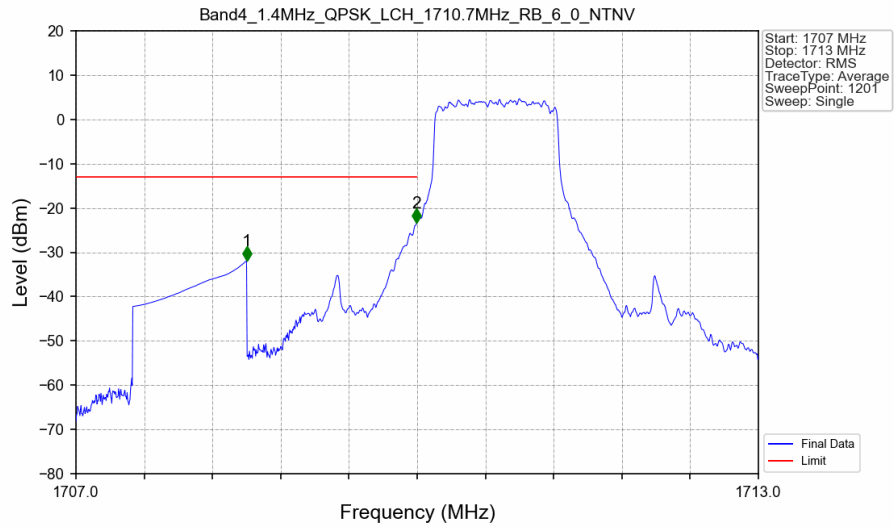
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV

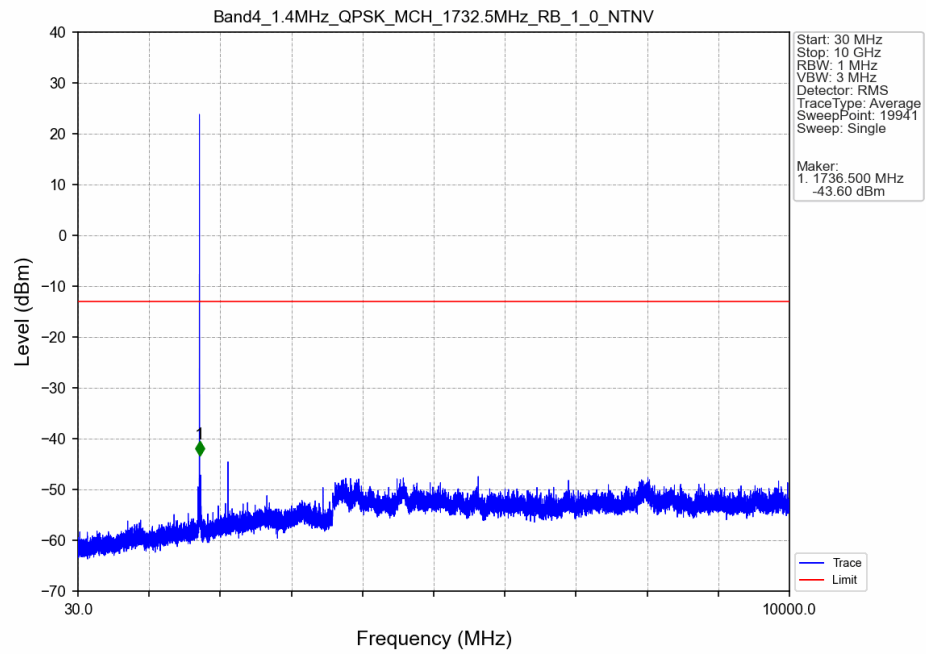


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV

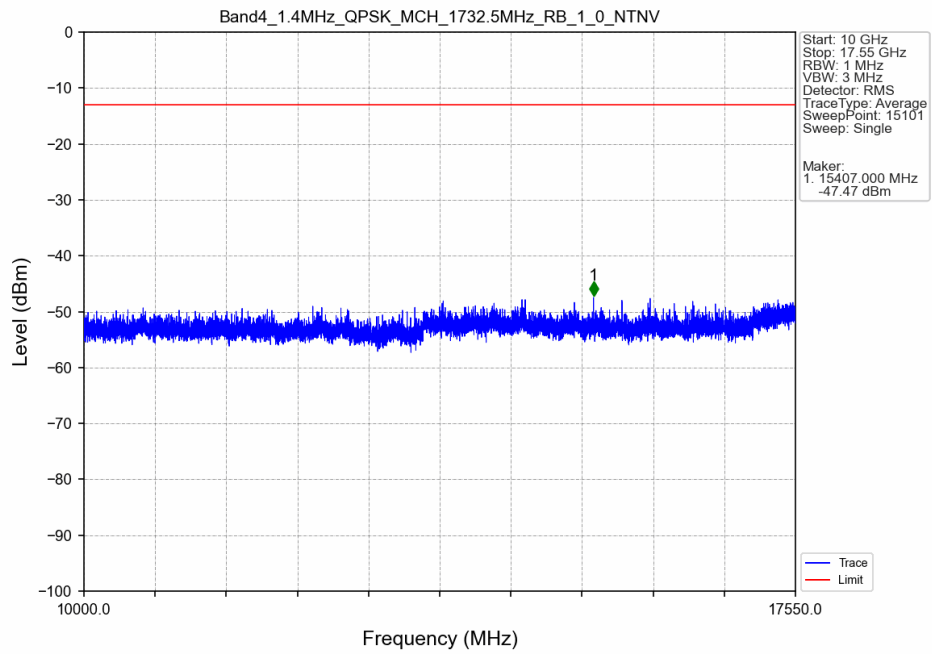


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.88	-13	Pass
1709	1710	0.015	CHP	2	1709.995	-23.38	-13	Pass
1710	1713	0.015	CHP	/	/	/	/	/

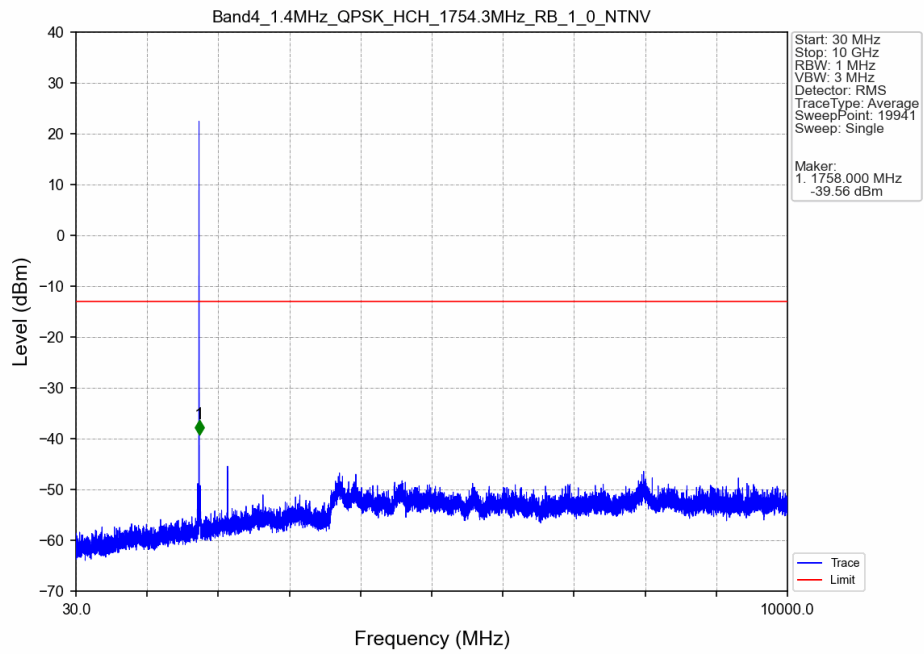
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



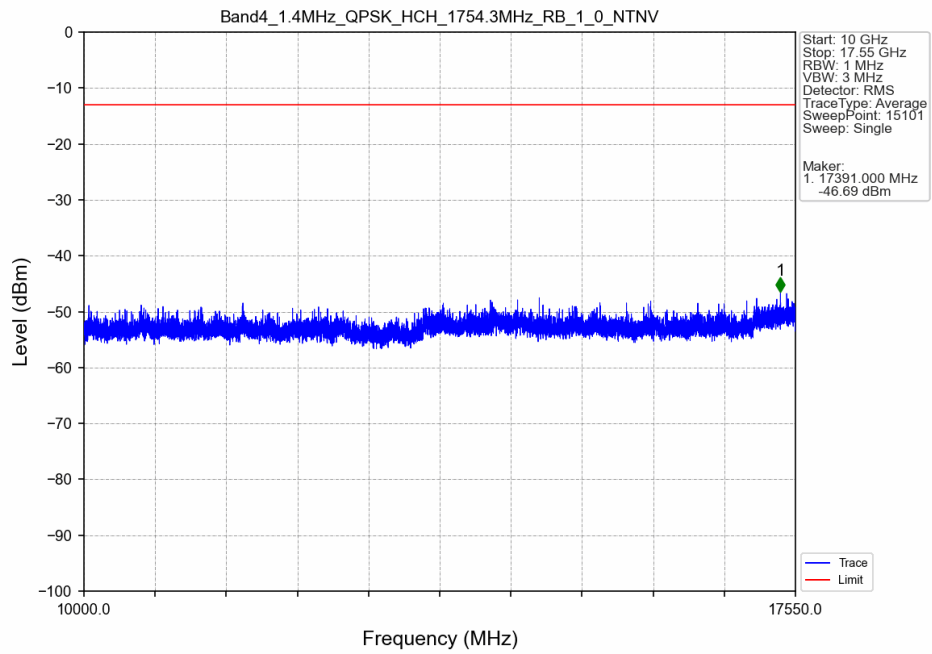
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



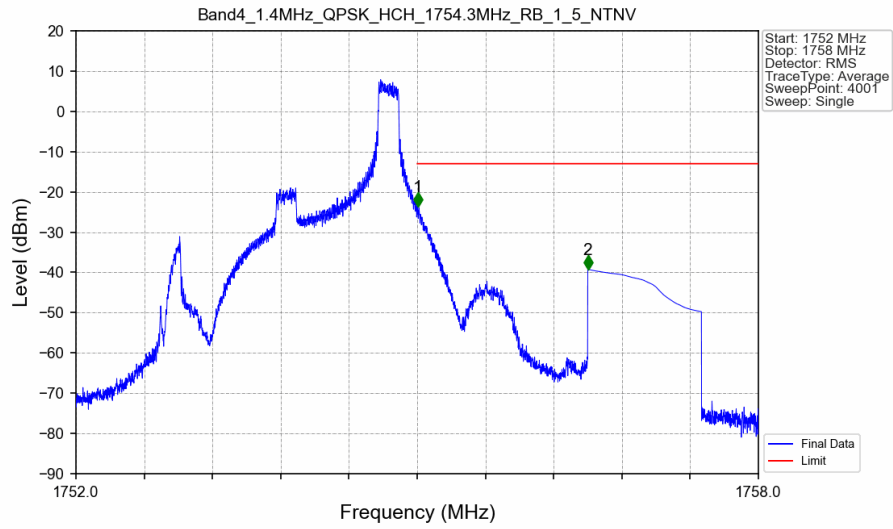
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

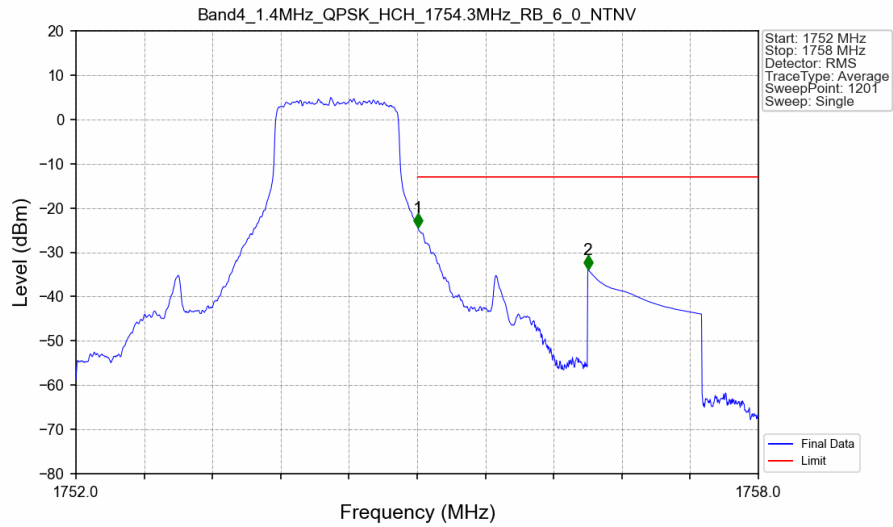


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



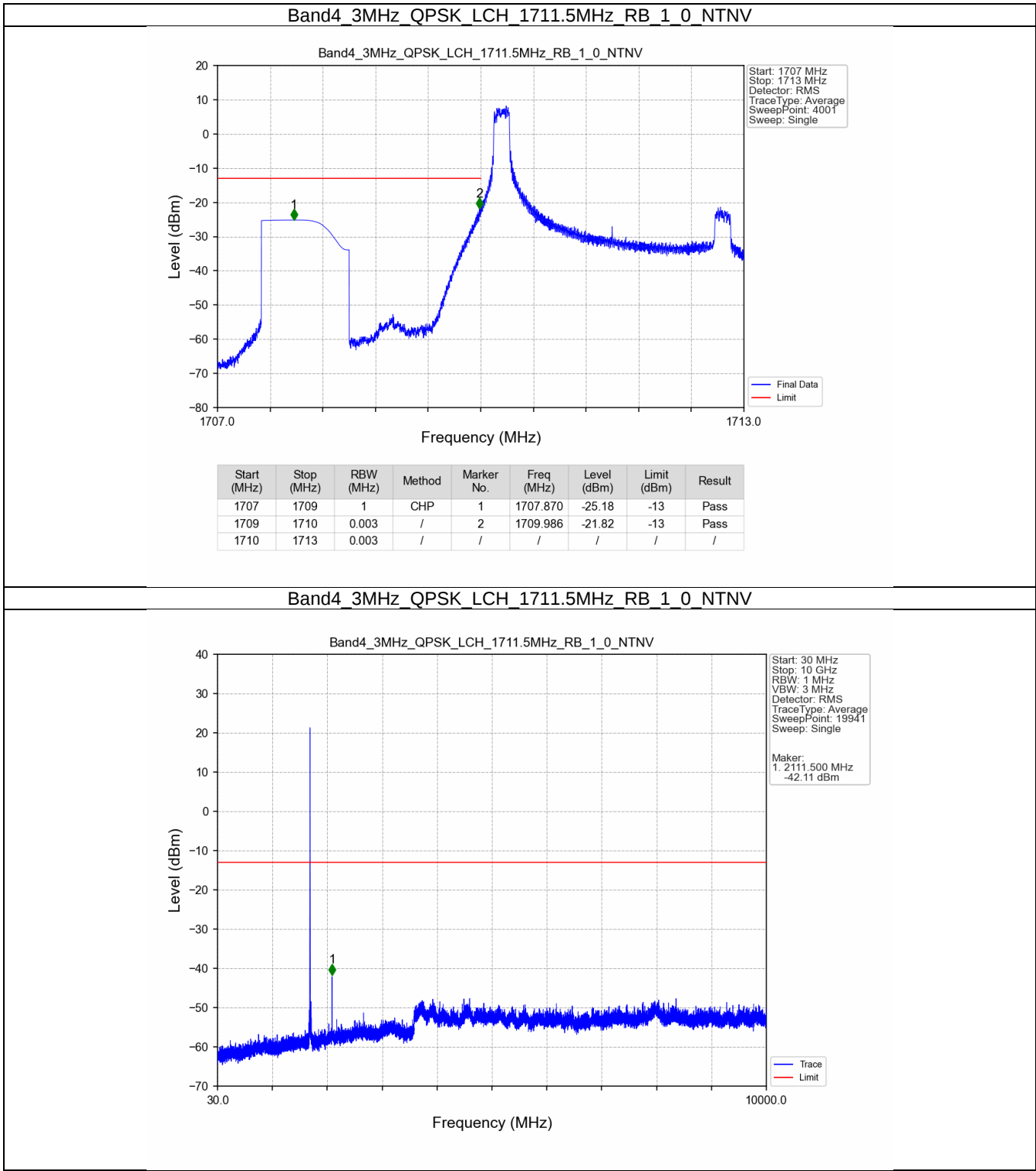
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-23.67	-13	Pass
1756	1758	1	CHP	2	1756.500	-39.23	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV

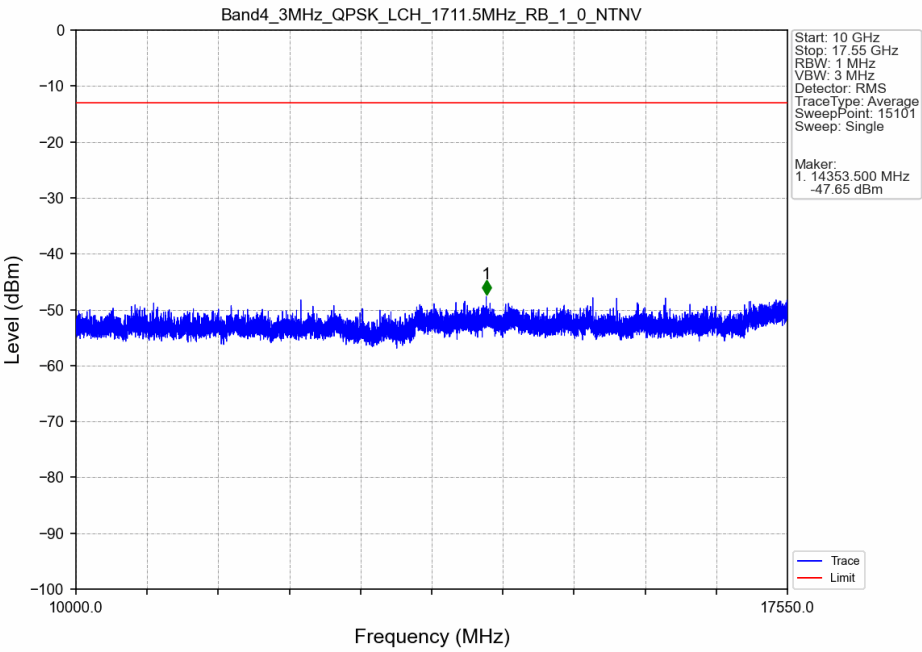


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.015	CHP	/	/	/	/	/
1755	1756	0.015	CHP	1	1755.005	-24.36	-13	Pass
1756	1758	1	CHP	2	1756.500	-33.92	-13	Pass

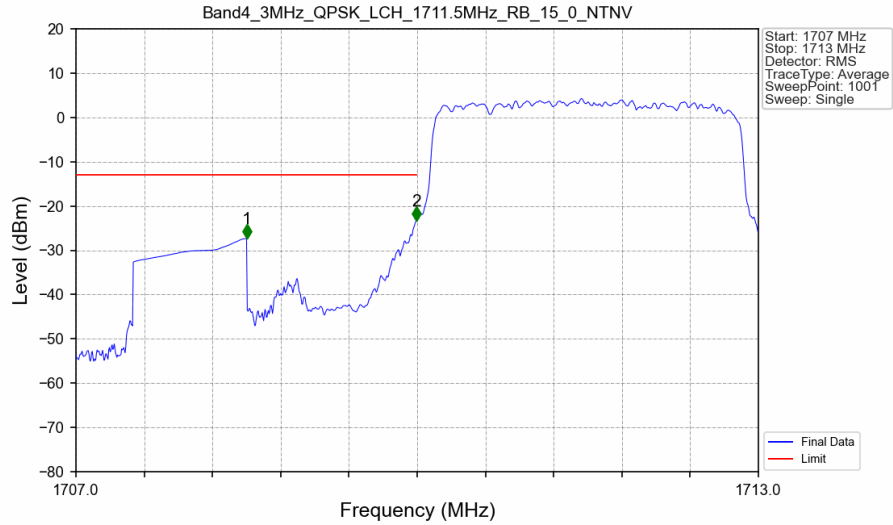
5.2.2 B4_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV

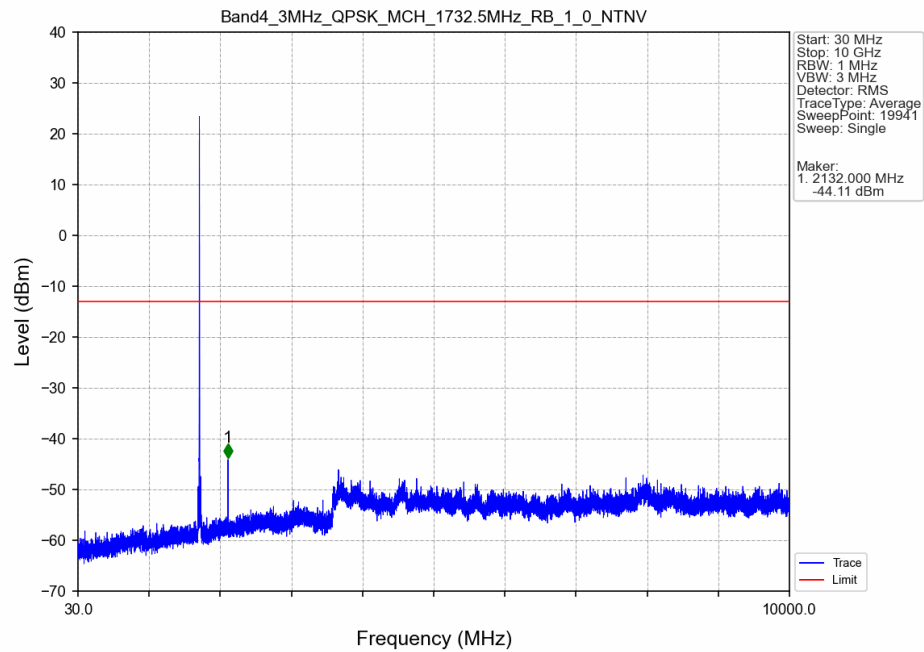


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV

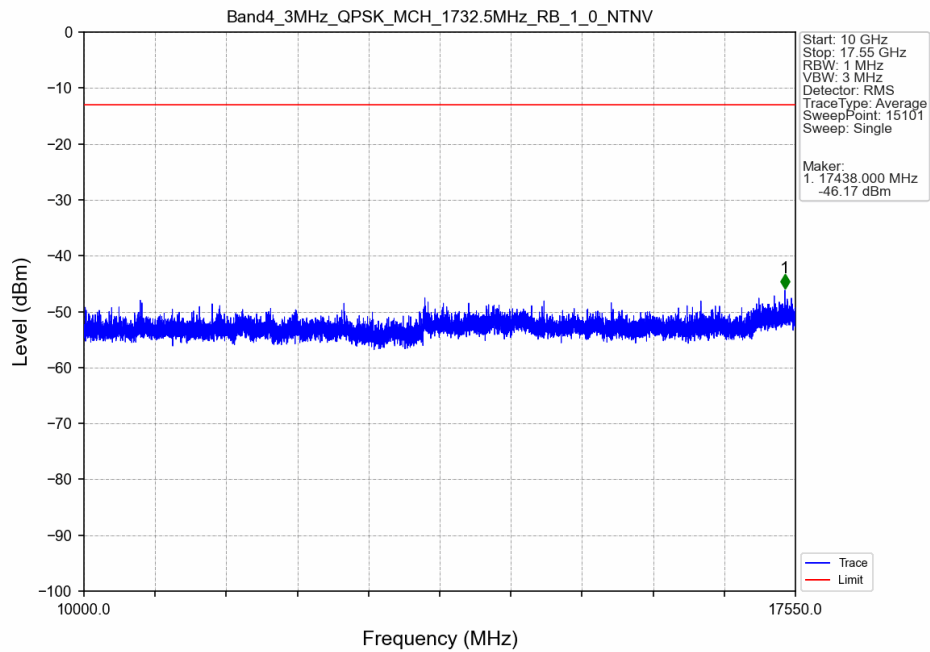


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-27.34	-13	Pass
1709	1710	0.033	CHP	2	1709.994	-23.29	-13	Pass
1710	1713	0.033	CHP	/	/	/	/	/

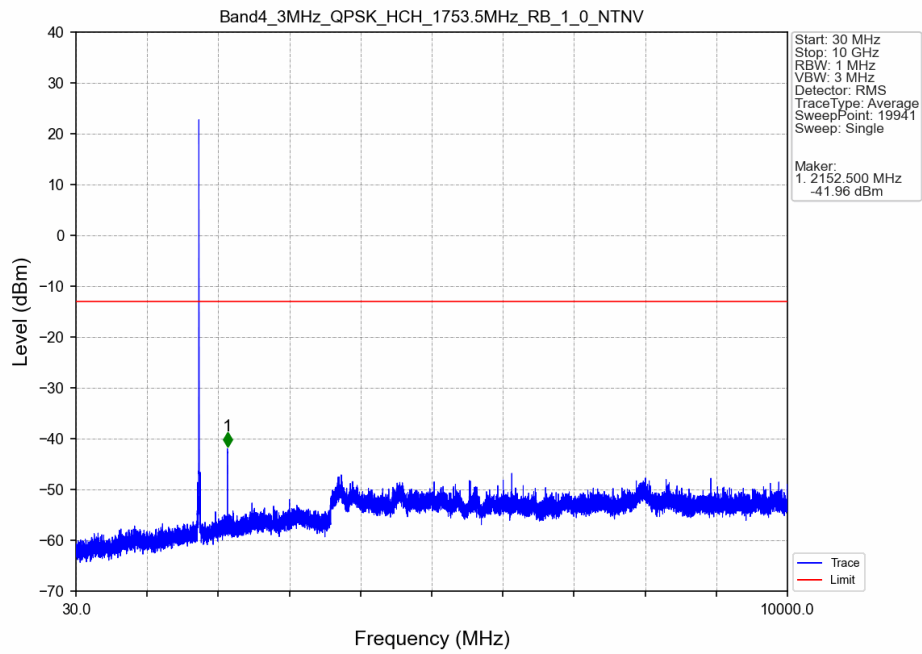
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTN



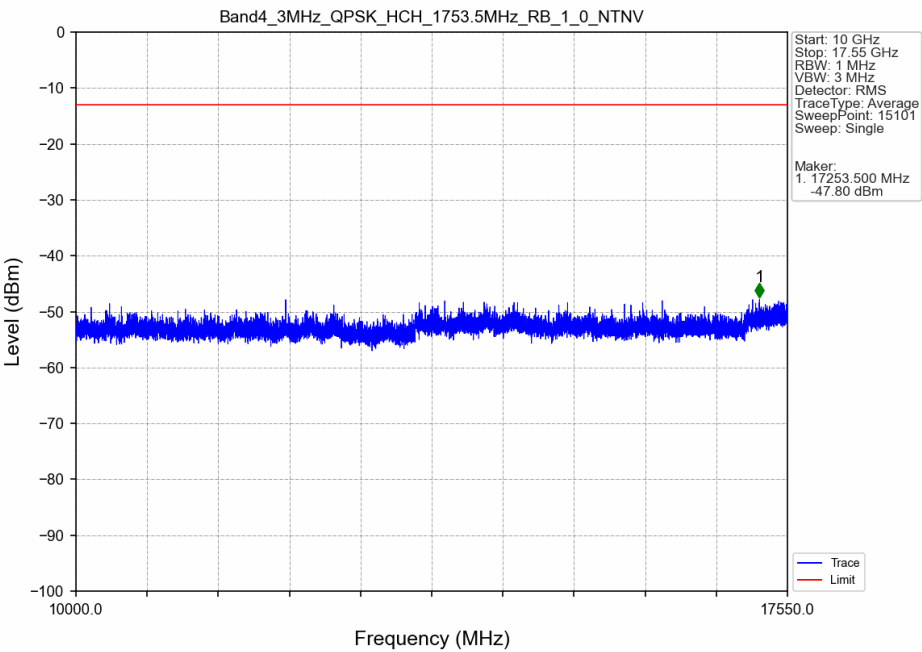
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTN



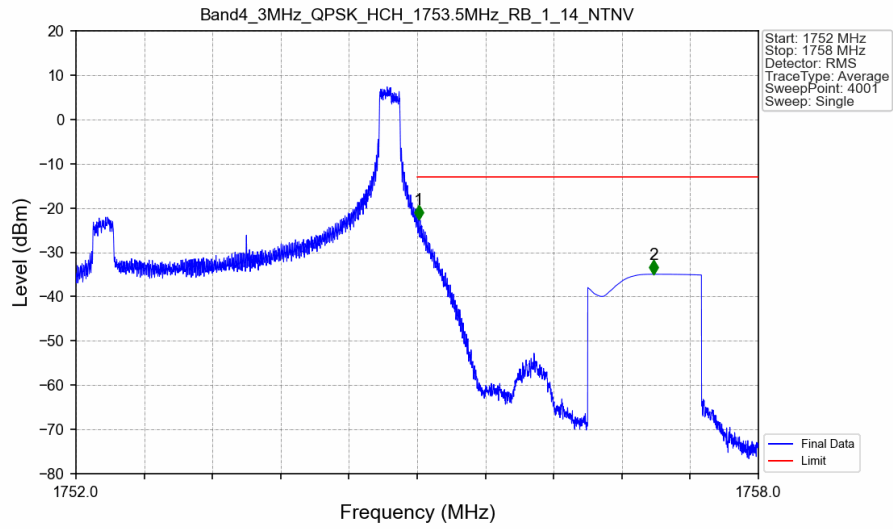
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN

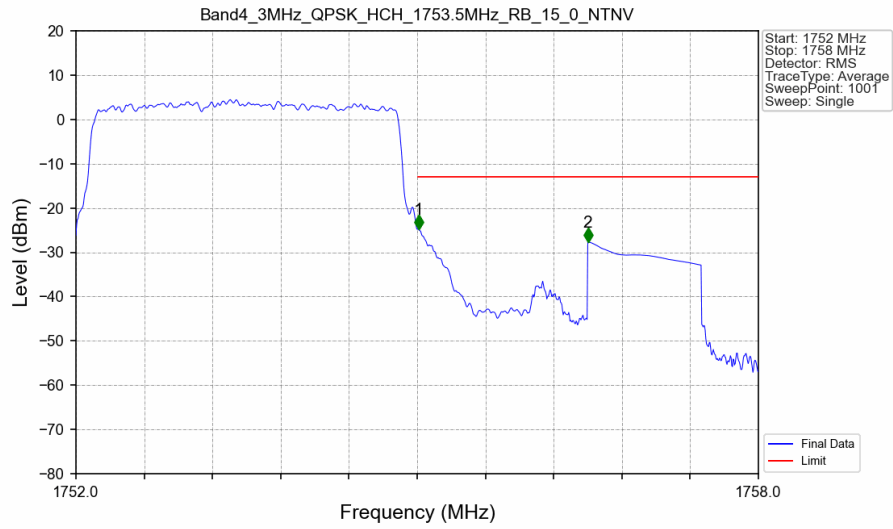


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



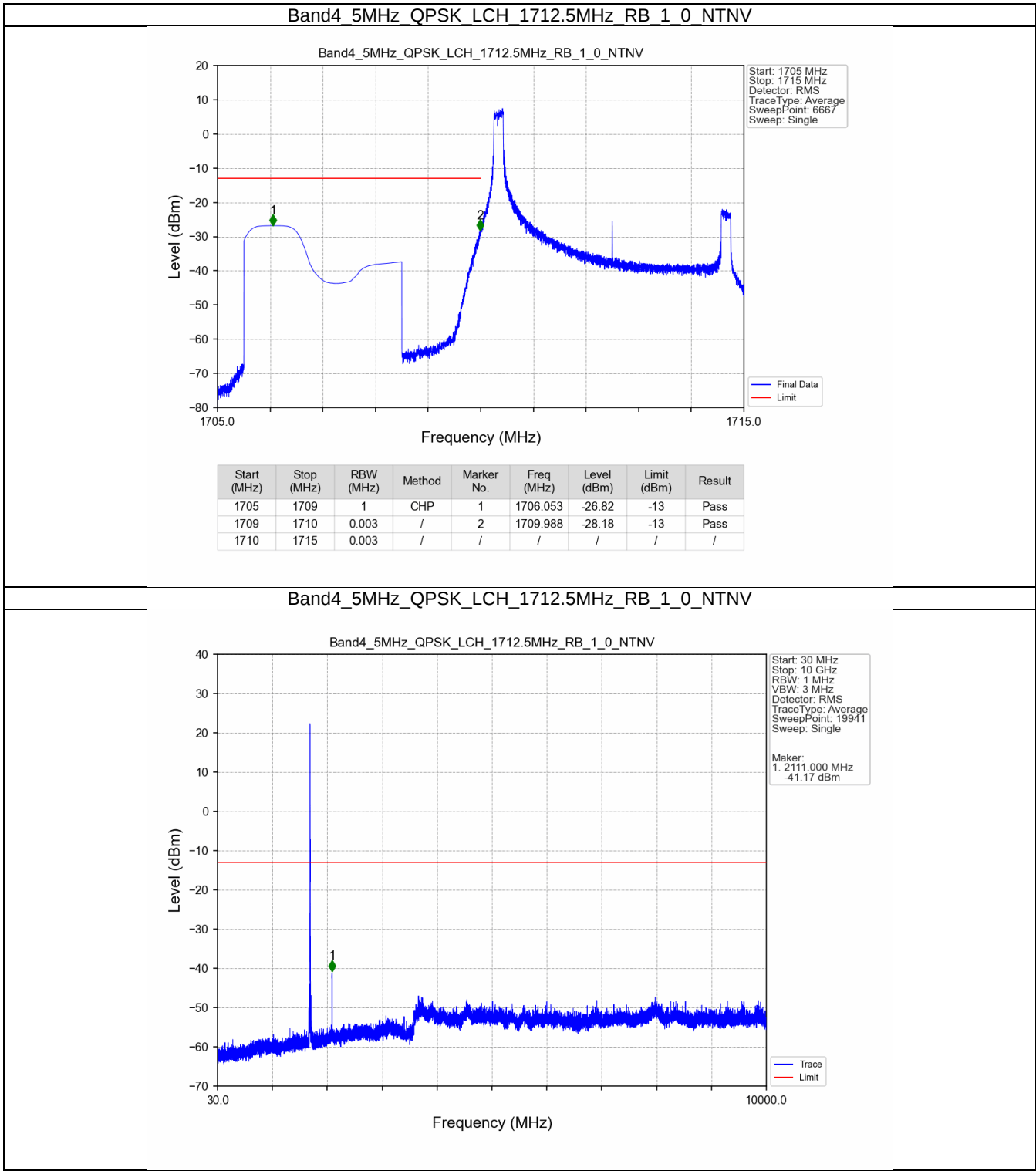
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.014	-22.61	-13	Pass
1756	1758	1	CHP	2	1757.076	-34.95	-13	Pass

Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV

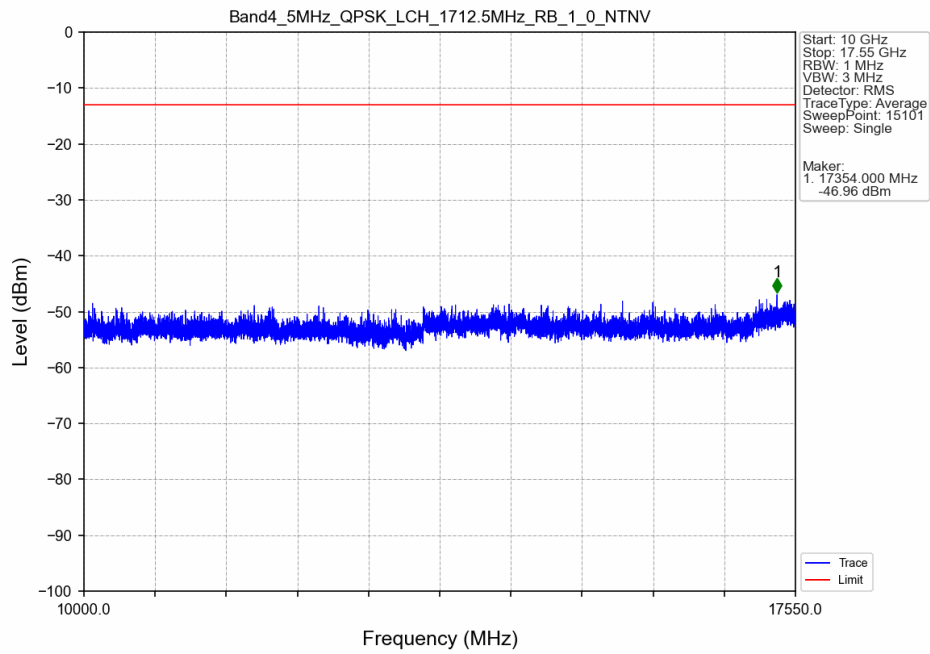


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	CHP	/	/	/	/	/
1755	1756	0.033	CHP	1	1755.012	-24.73	-13	Pass
1756	1758	1	CHP	2	1756.500	-27.69	-13	Pass

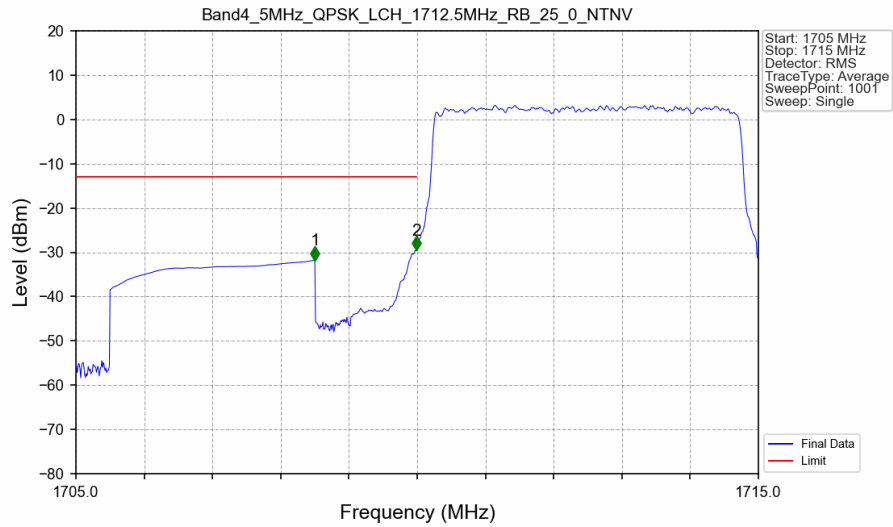
5.2.3 B4_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV

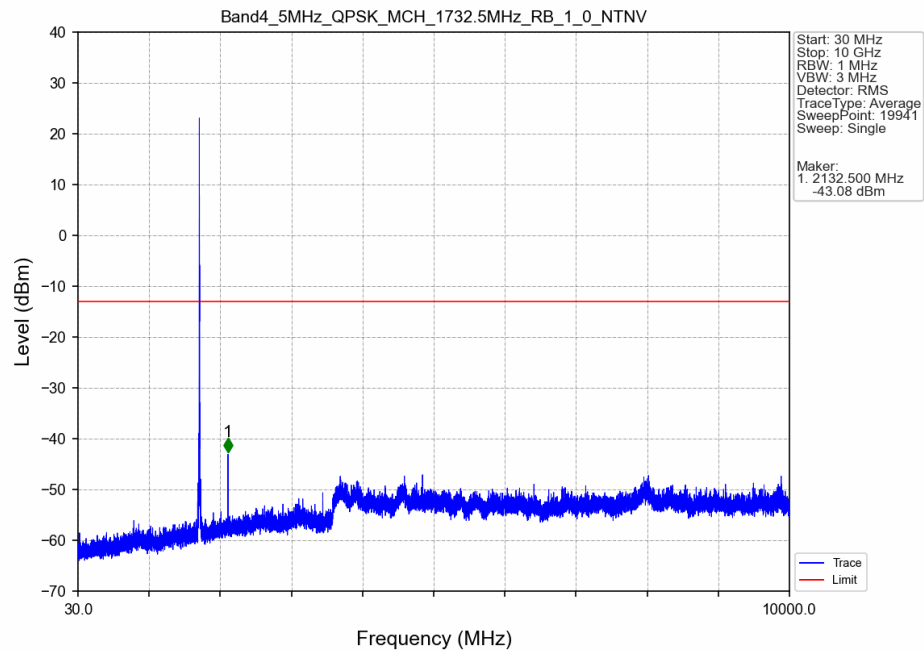


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

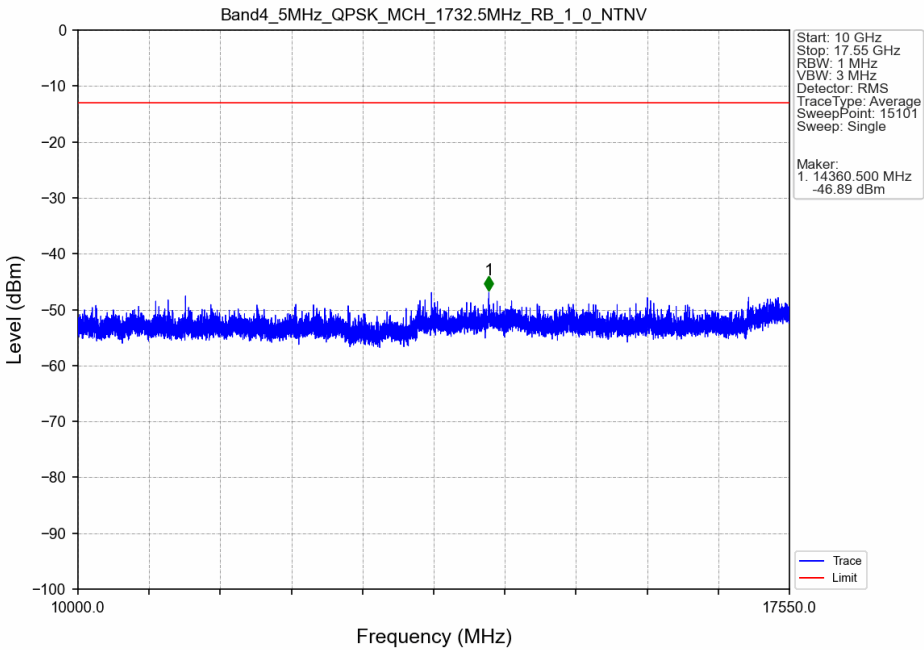


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-31.77	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-29.49	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

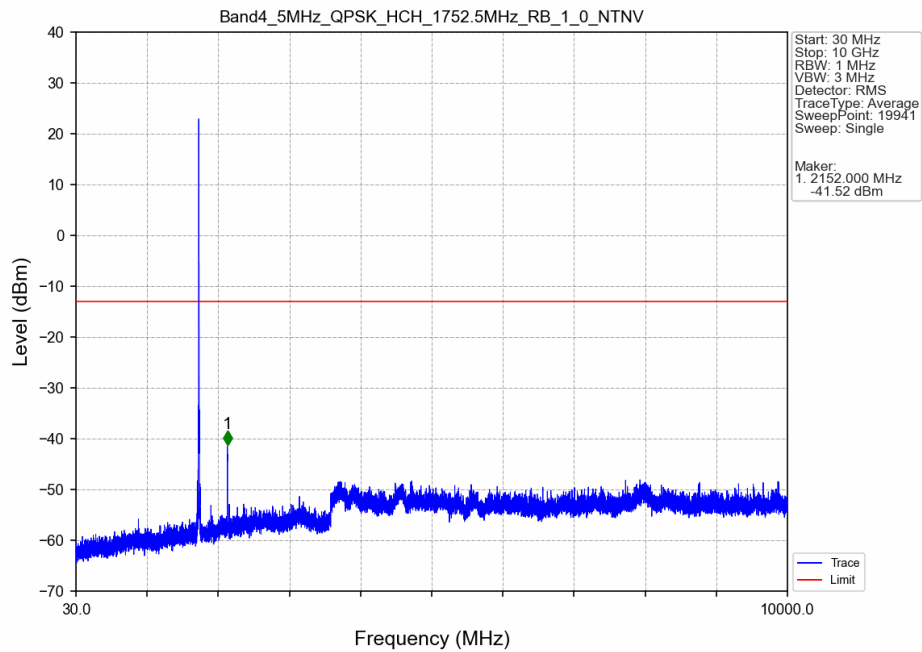
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



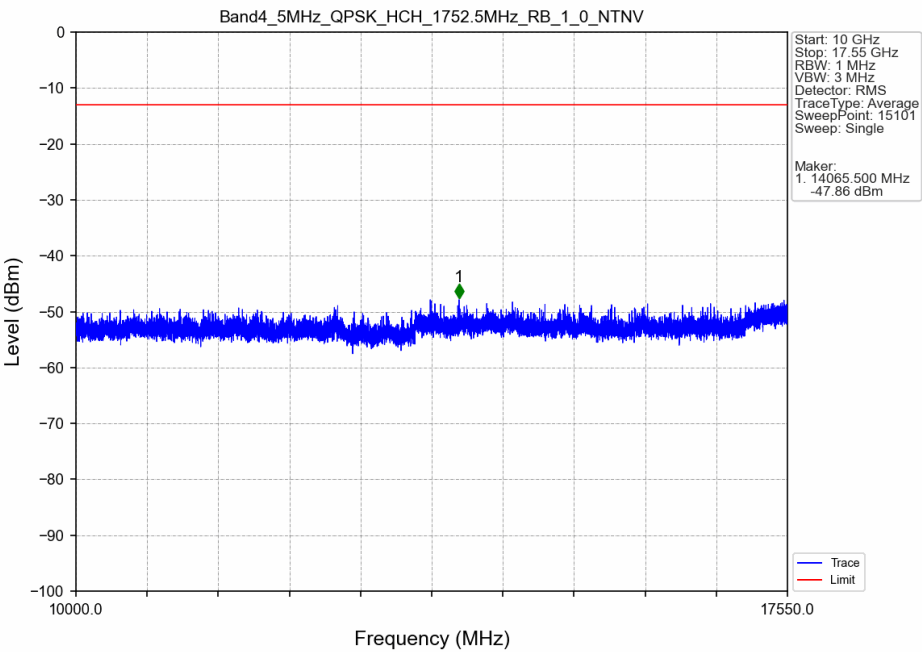
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



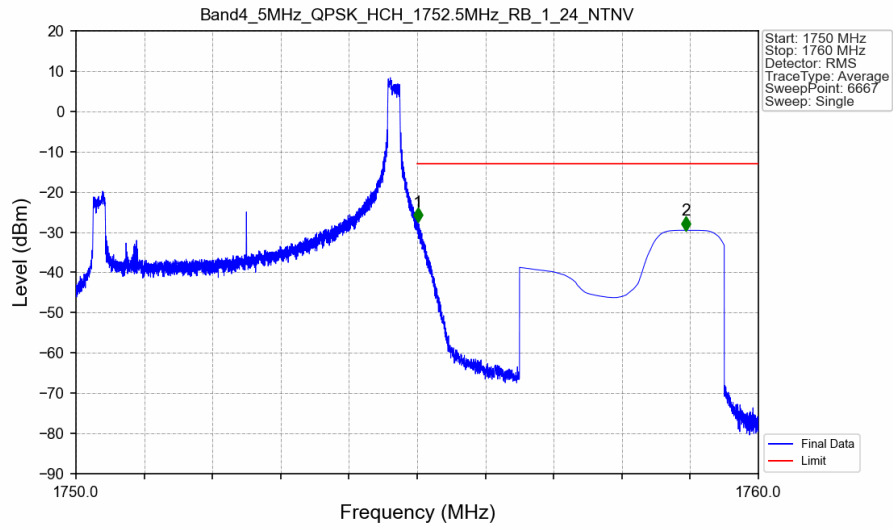
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTNV



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTNV

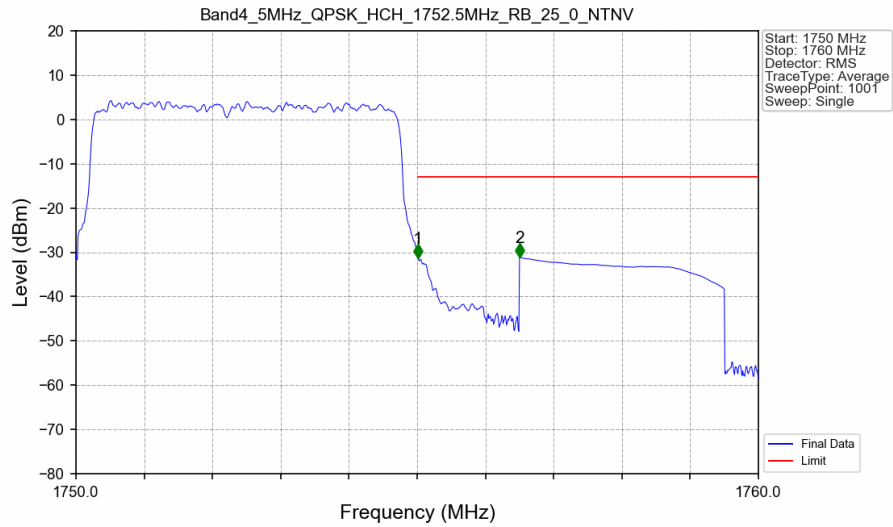


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



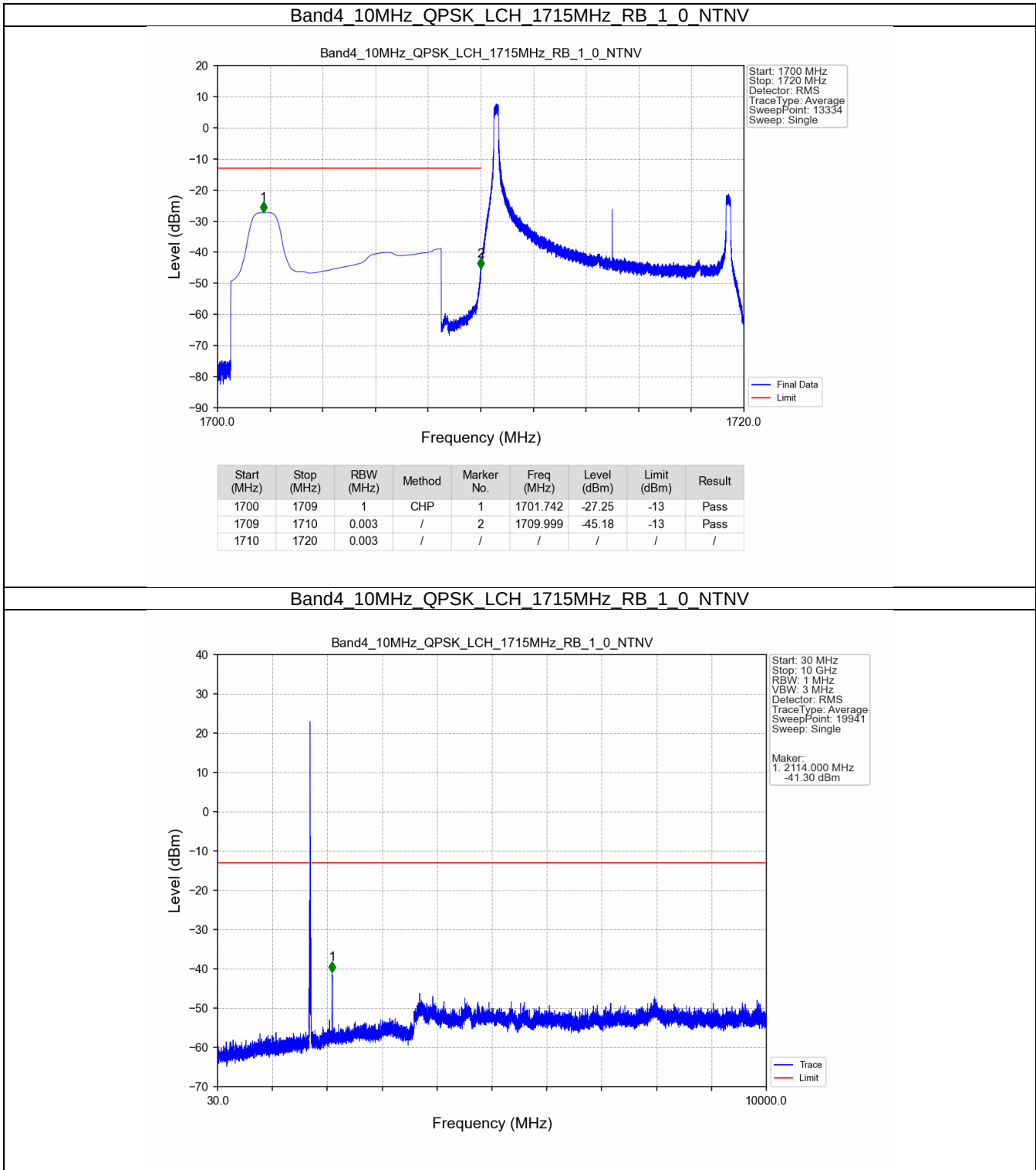
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.011	-27.36	-13	Pass
1756	1760	1	CHP	2	1758.939	-29.53	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV

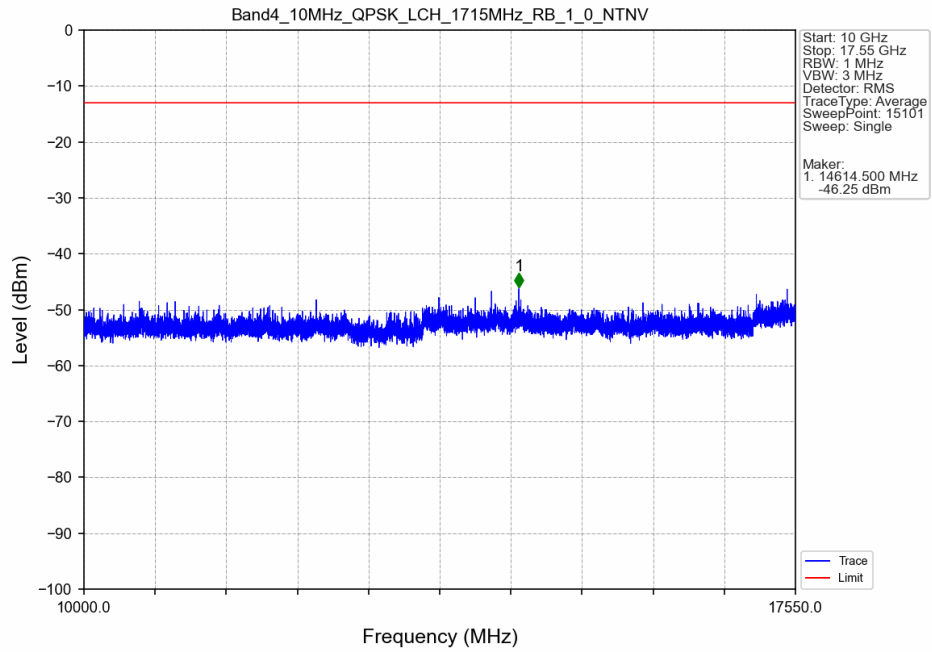


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	CHP	/	/	/	/	/
1755	1756	0.051	CHP	1	1755.010	-31.31	-13	Pass
1756	1760	1	CHP	2	1756.500	-31.18	-13	Pass

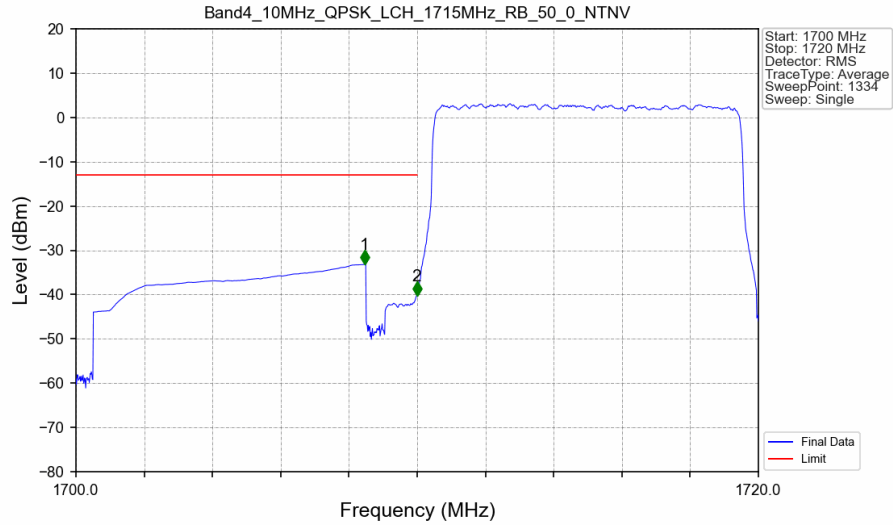
5.2.4 B4_10MHz



Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

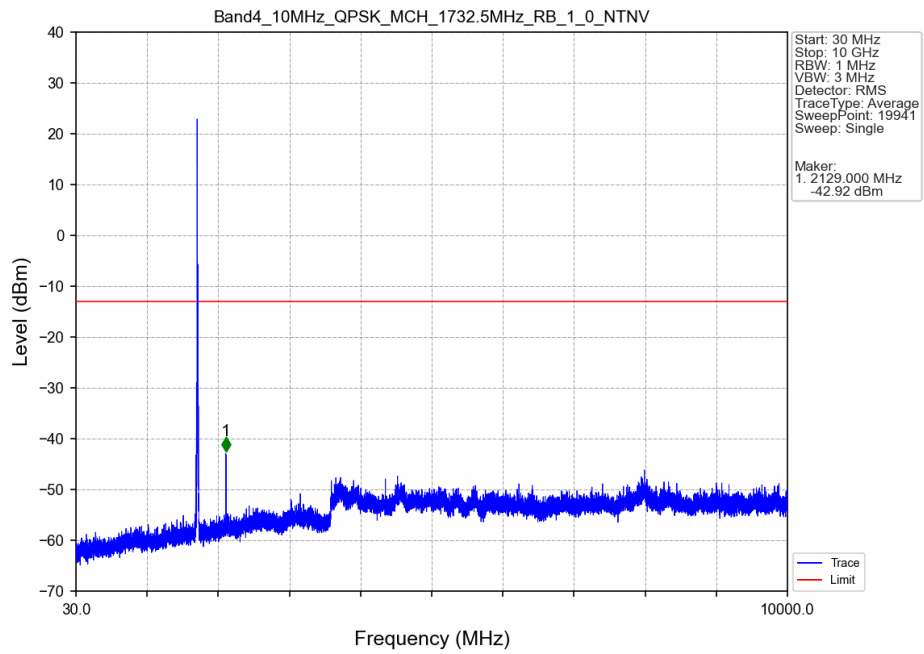


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

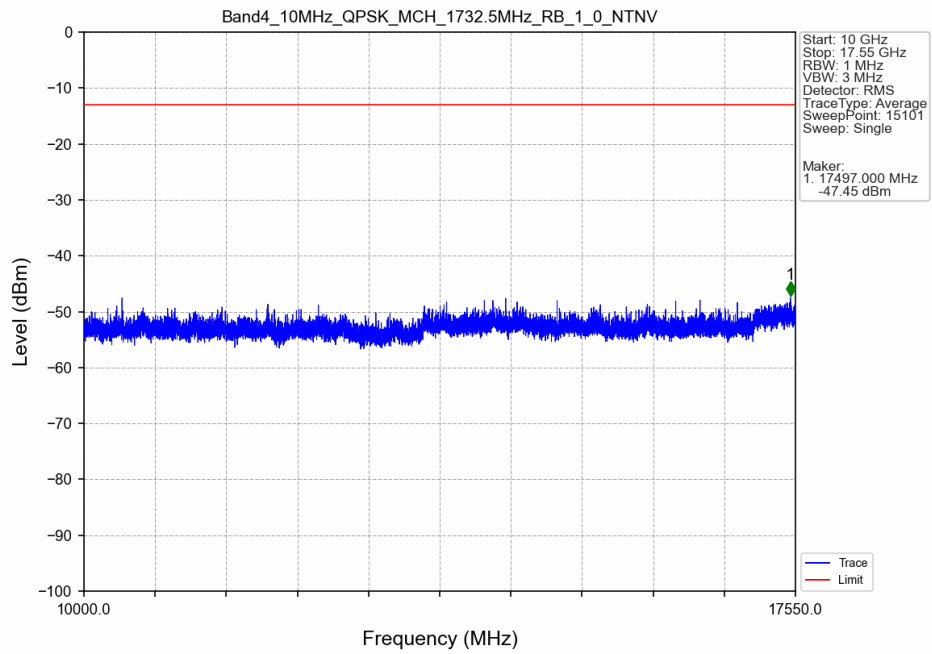


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.462	-33.14	-13	Pass
1709	1710	0.099	CHP	2	1709.992	-40.16	-13	Pass
1710	1720	0.099	CHP	/	/	/	/	/

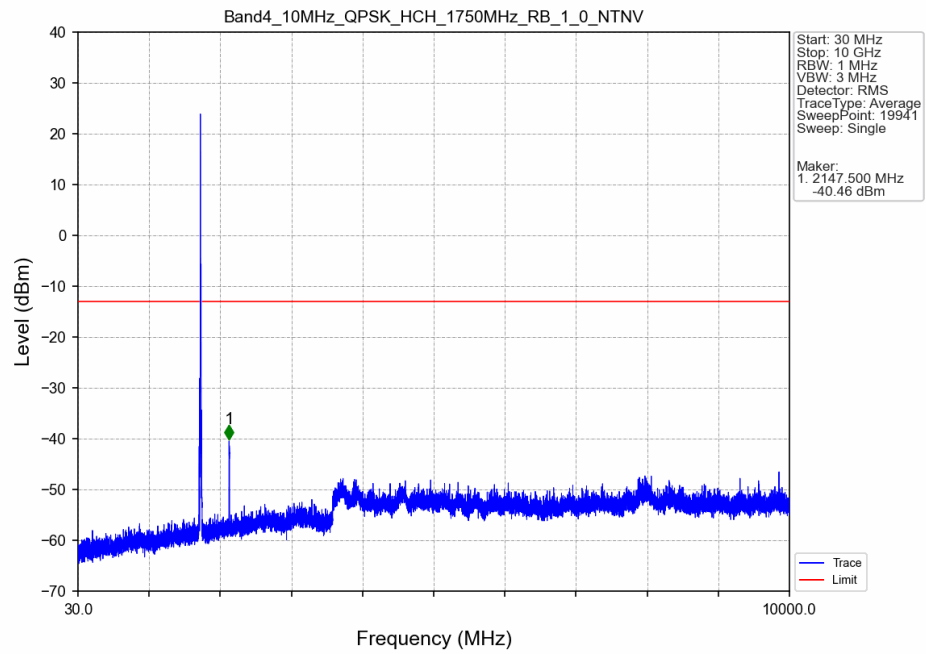
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



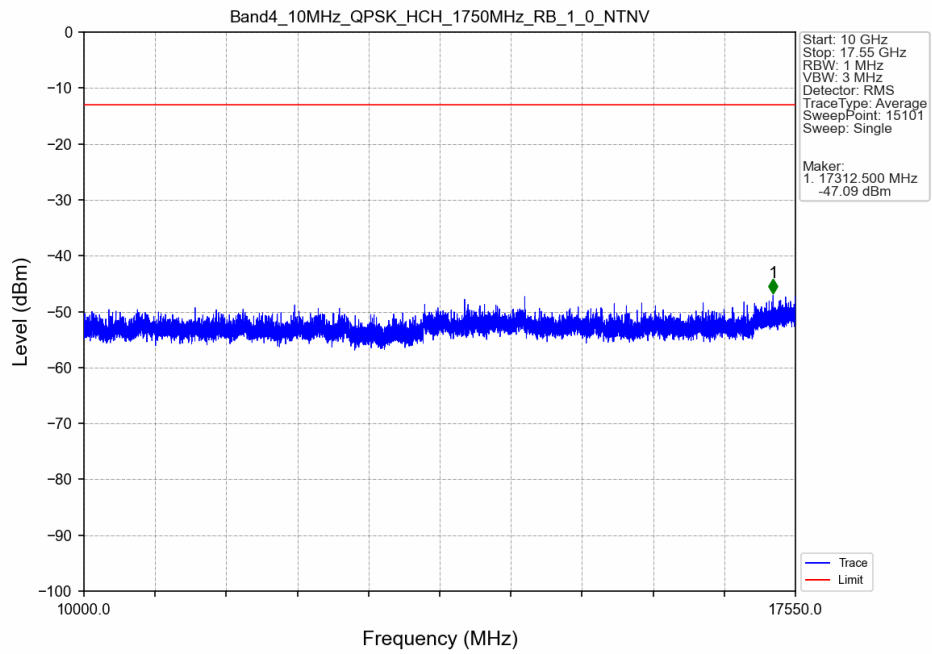
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



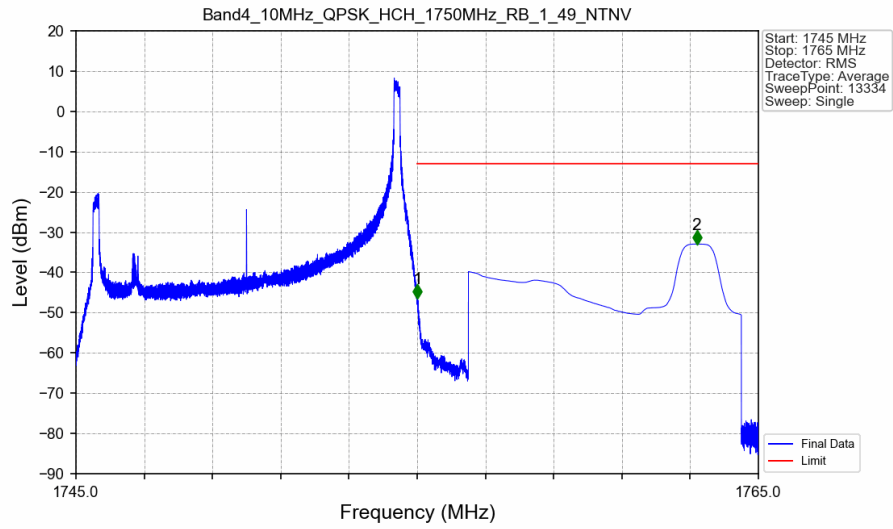
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV



Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV

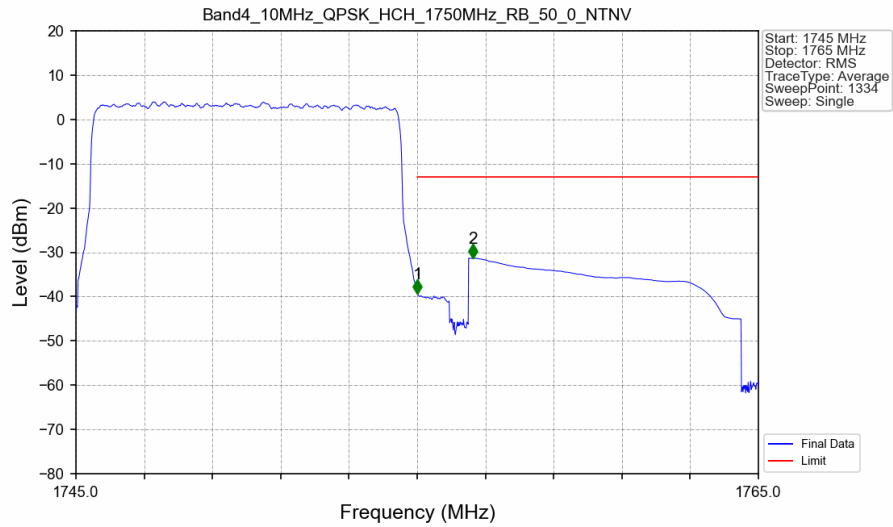


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



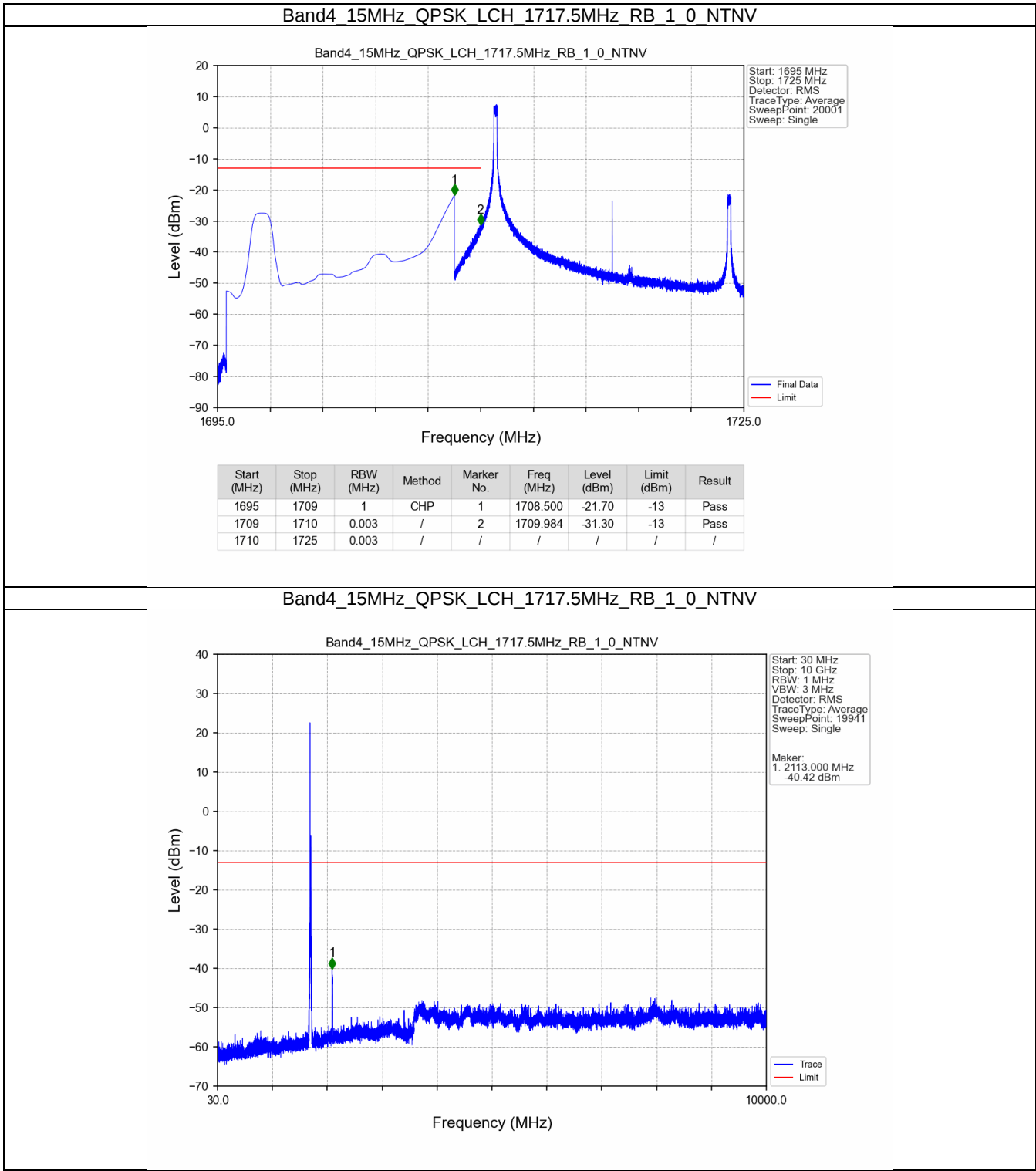
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-46.44	-13	Pass
1756	1765	1	CHP	2	1763.195	-32.95	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV

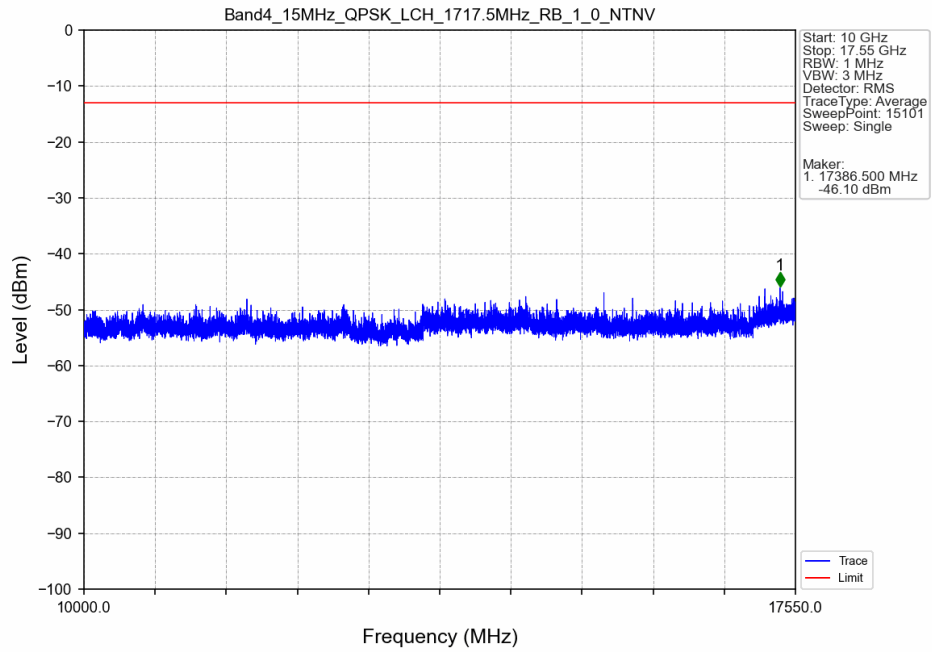


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.099	CHP	/	/	/	/	/
1755	1756	0.099	CHP	1	1755.008	-39.37	-13	Pass
1756	1765	1	CHP	2	1756.643	-31.32	-13	Pass

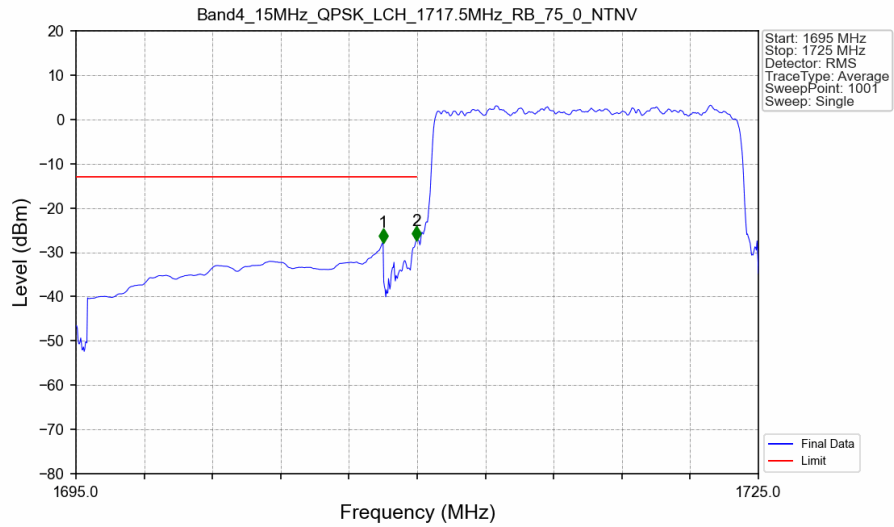
5.2.5 B4_15MHz



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

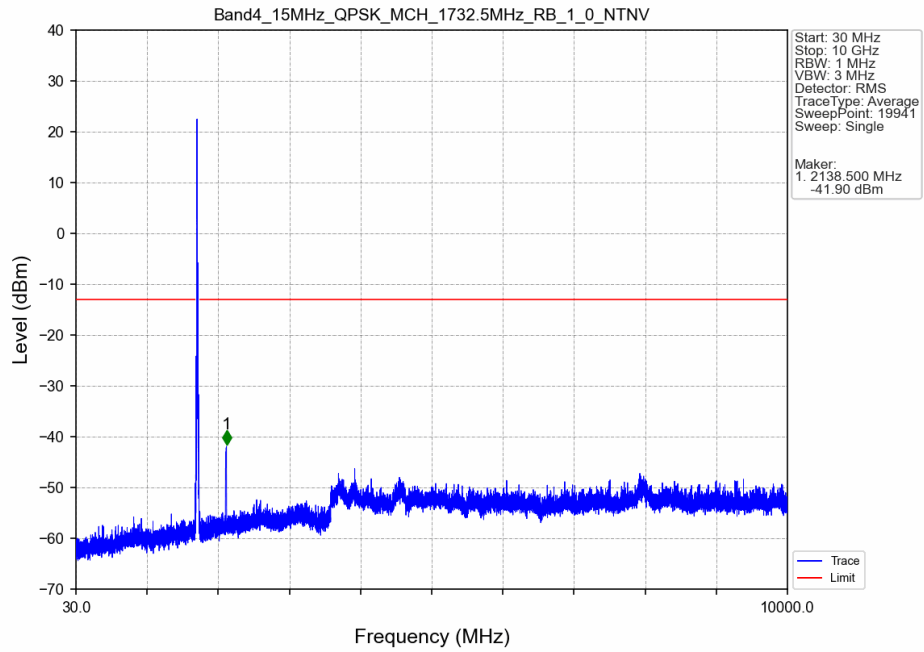


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV

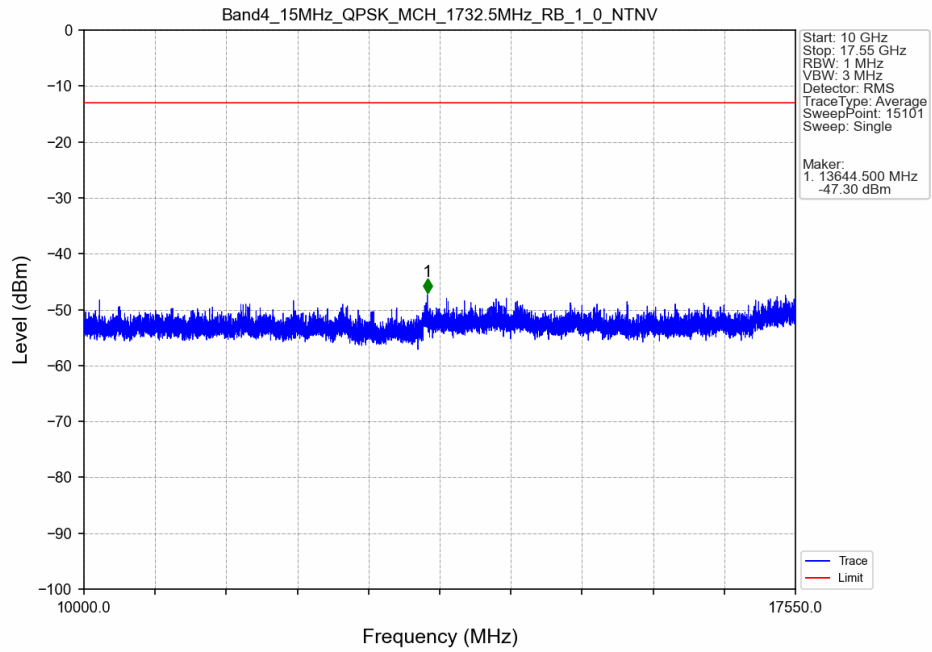


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-27.76	-13	Pass
1709	1710	0.124	CHP	2	1709.970	-27.32	-13	Pass
1710	1725	0.124	CHP	/	/	/	/	/

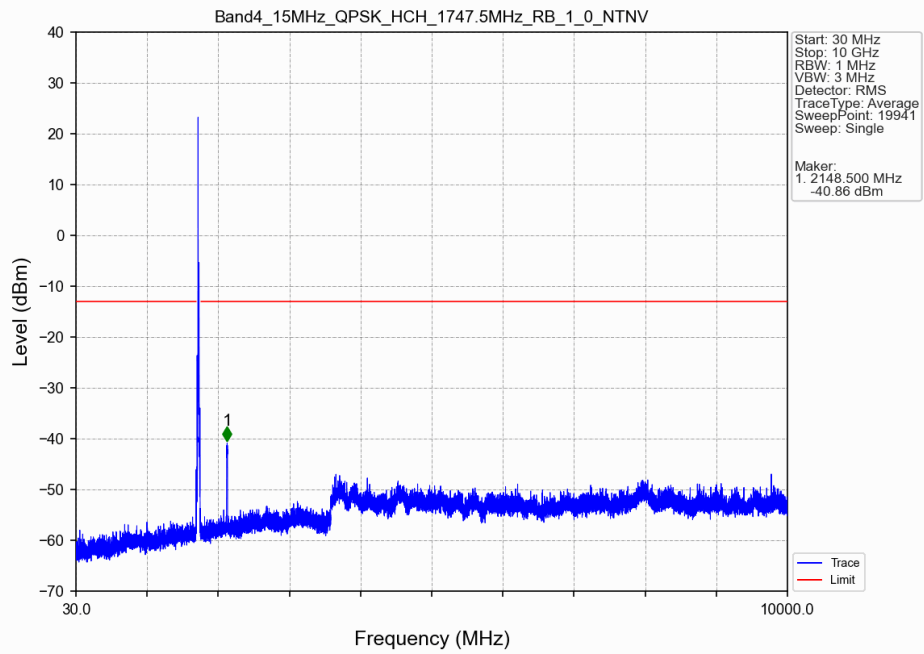
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



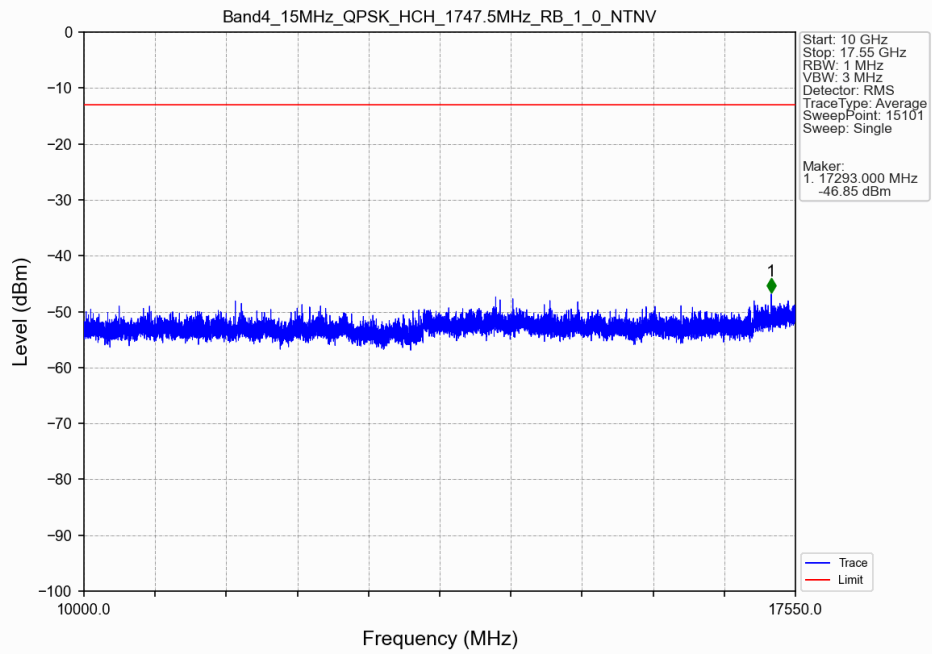
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTV



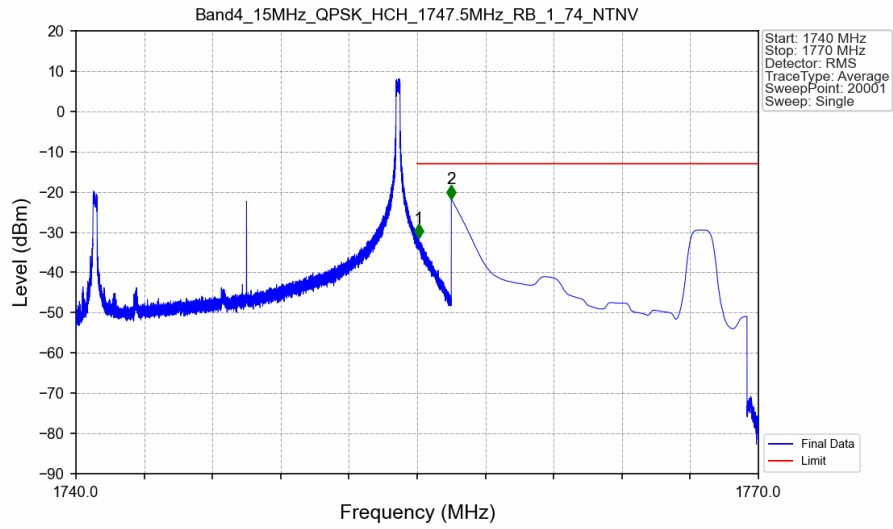
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV

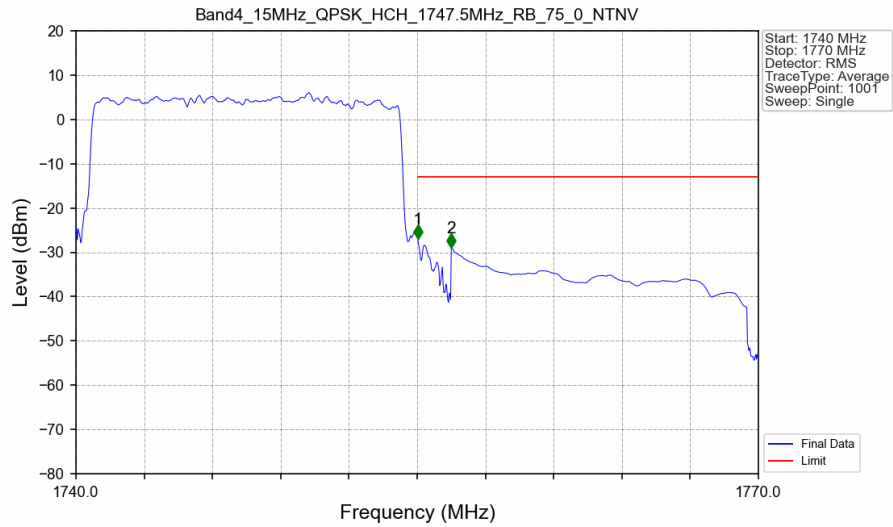


Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTNV



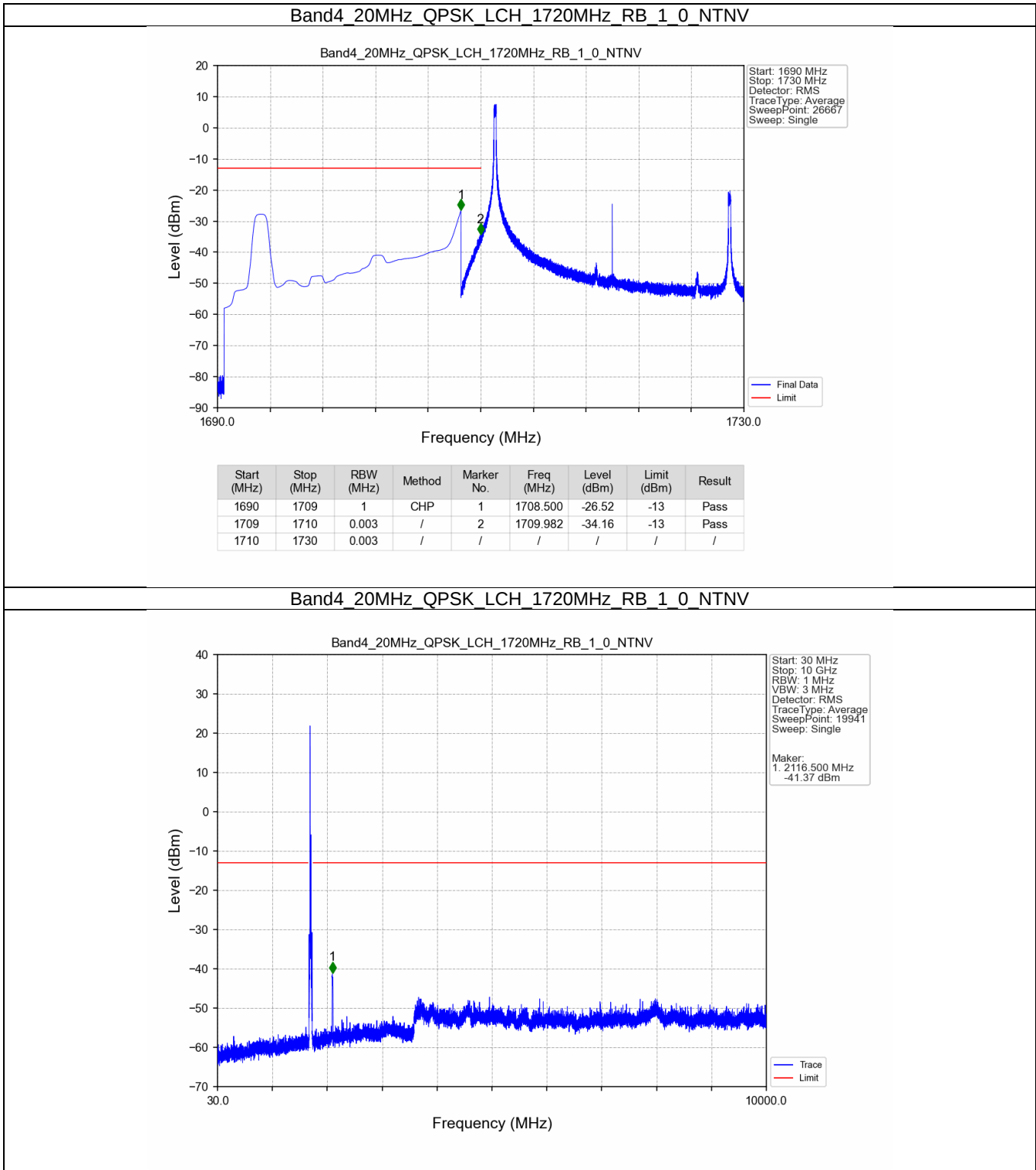
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.054	-31.43	-13	Pass
1756	1770	1	CHP	2	1756.500	-21.72	-13	Pass

Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV

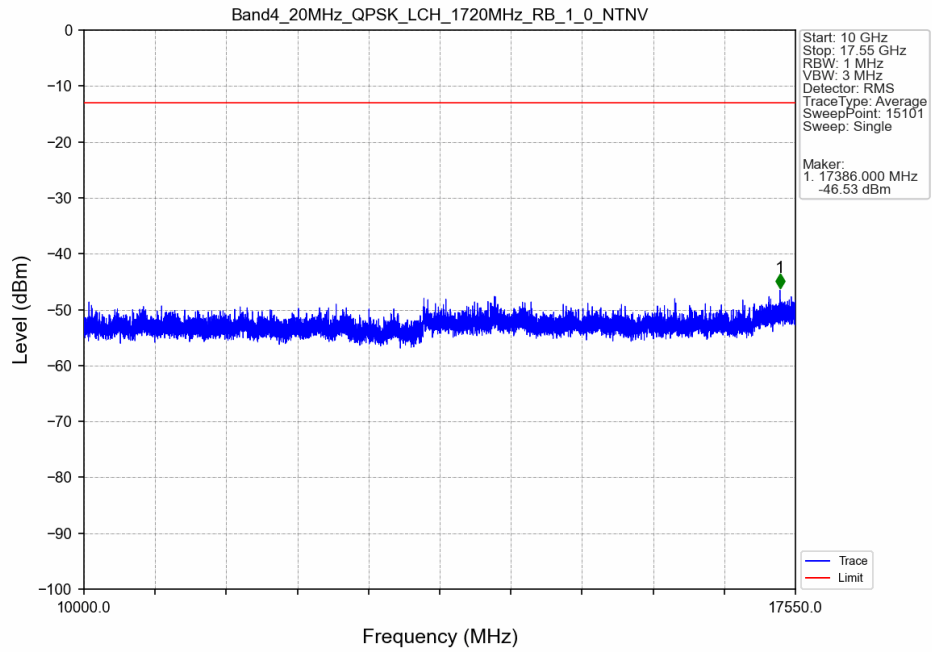


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.169	CHP	/	/	/	/	/
1755	1756	0.169	CHP	1	1755.030	-26.90	-13	Pass
1756	1770	1	CHP	2	1756.500	-28.87	-13	Pass

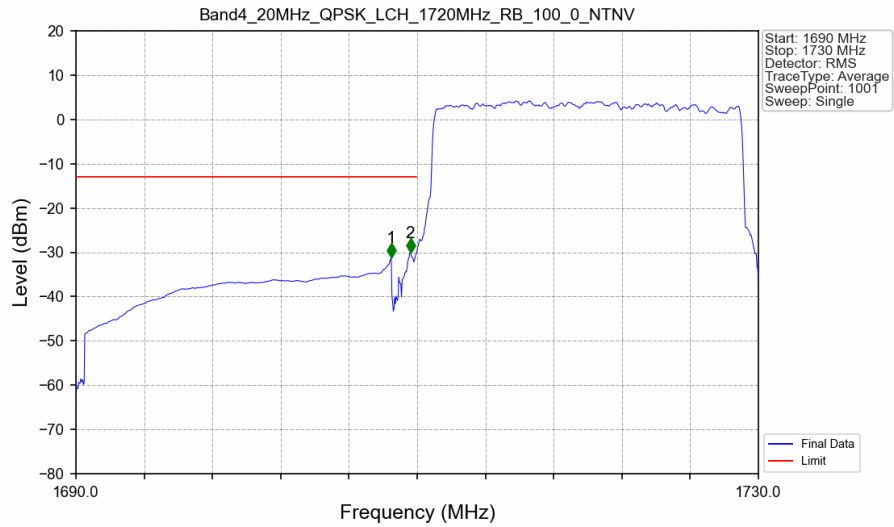
5.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

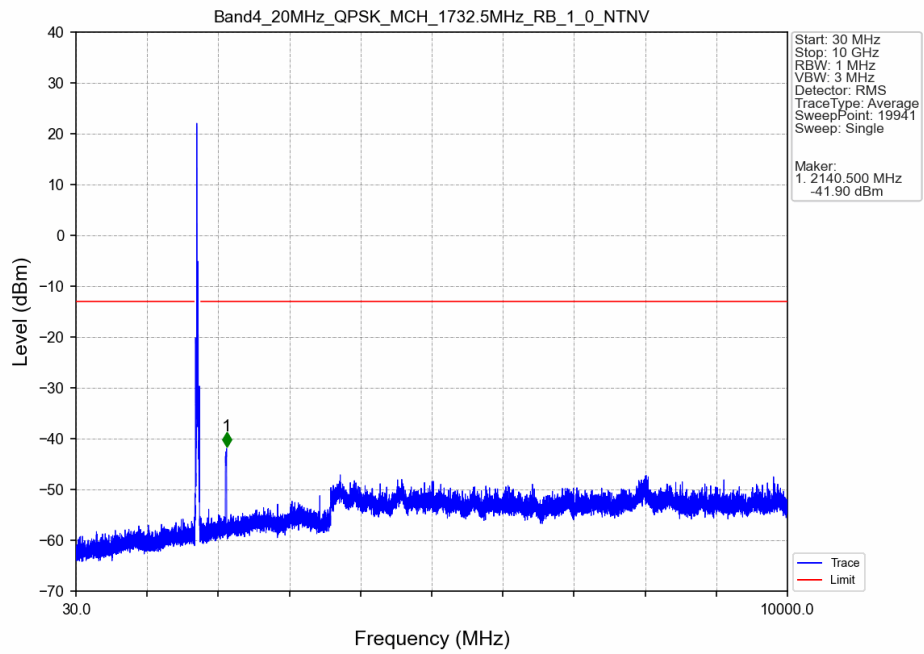


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV

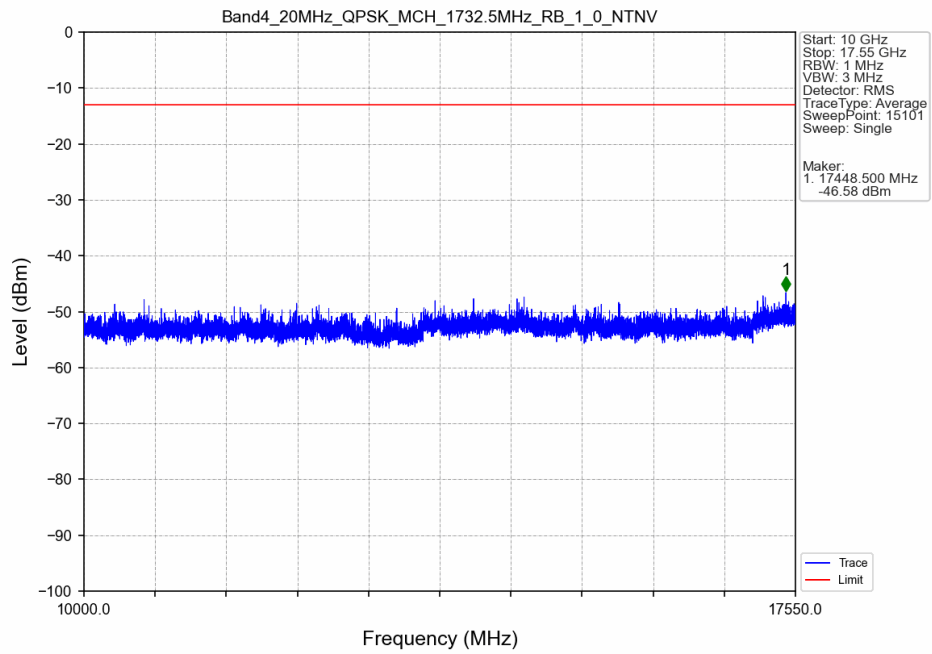


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-31.21	-13	Pass
1709	1710	0.216	CHP	2	1709.600	-30.12	-13	Pass
1710	1730	0.216	CHP	/	/	/	/	/

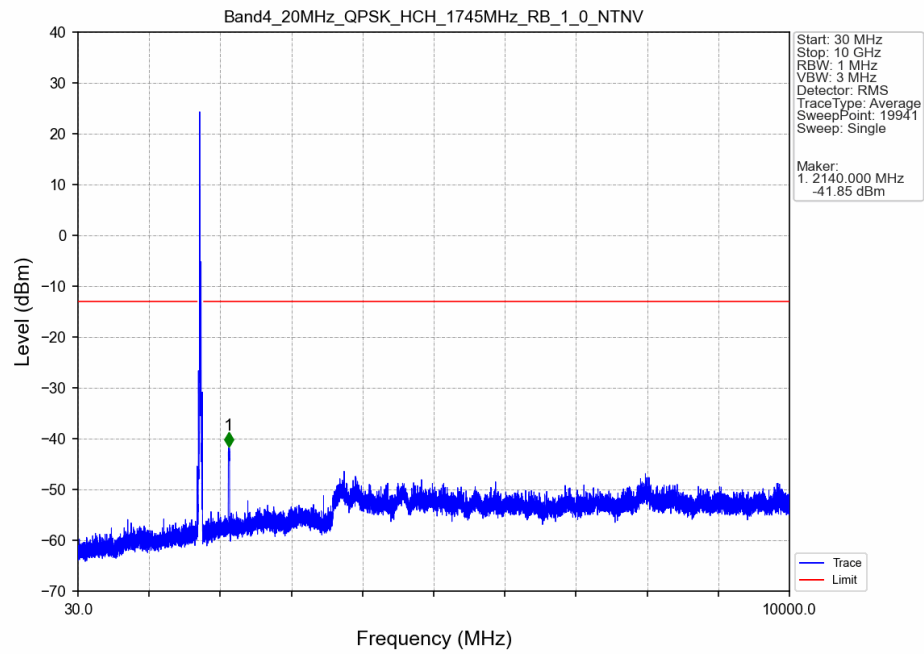
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



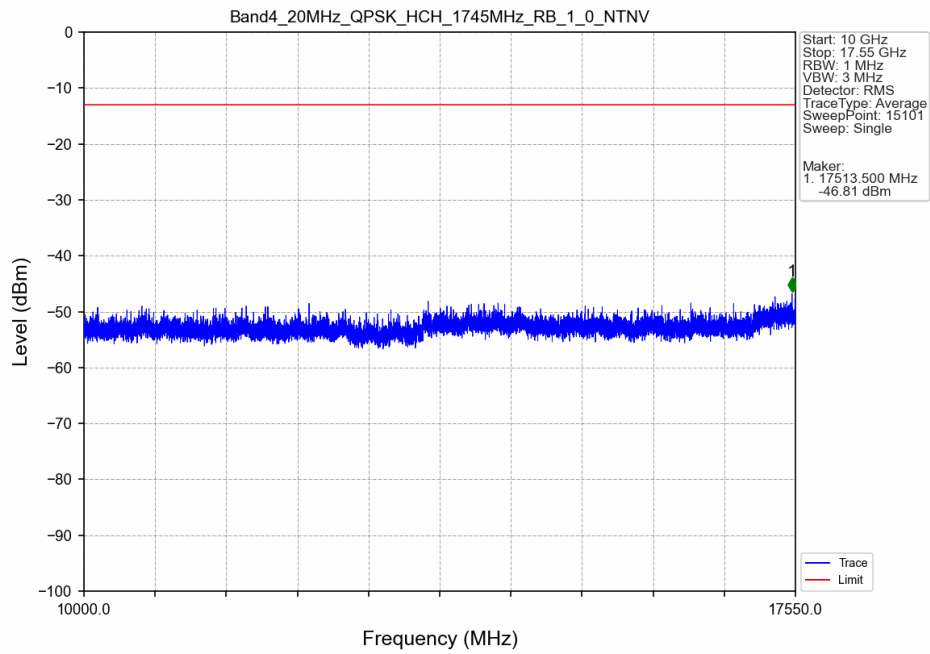
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



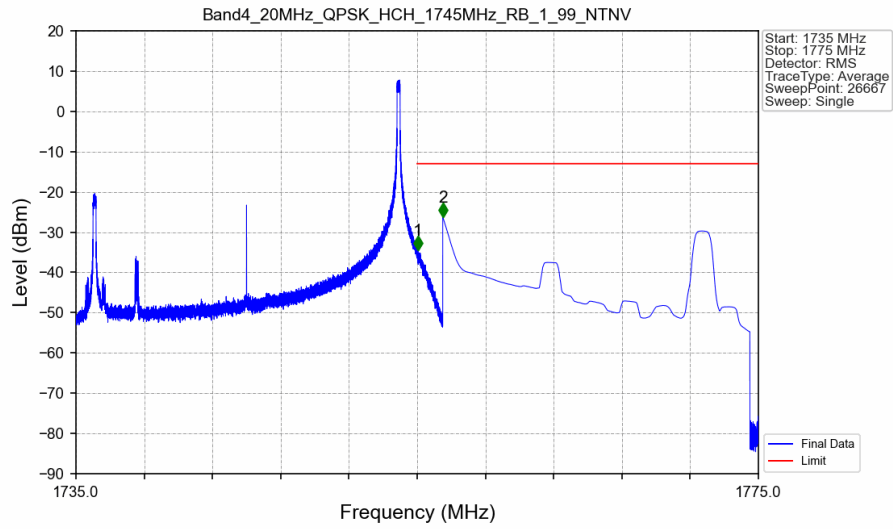
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN

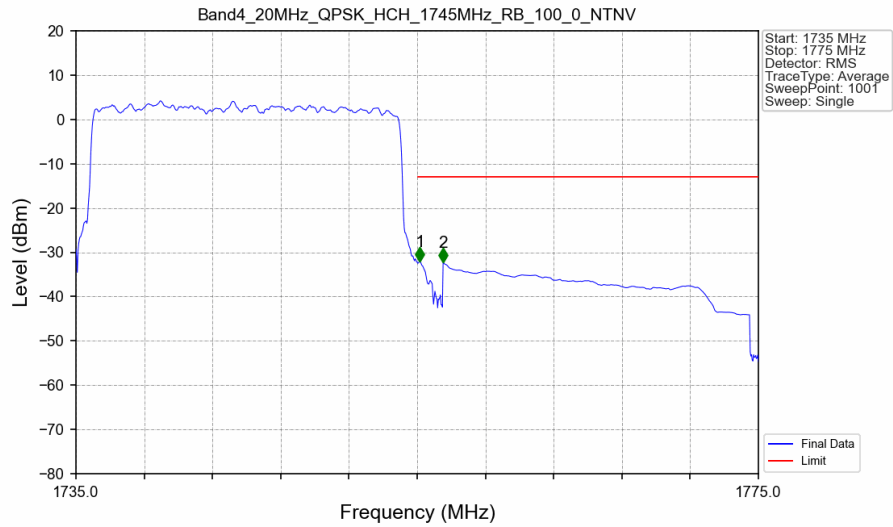


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTN



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	-34.52	-13	Pass
1756	1775	1	CHP	2	1756.500	-26.22	-13	Pass

Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.161	CHP	/	/	/	/	/
1755	1756	0.161	CHP	1	1755.160	-32.08	-13	Pass
1756	1775	1	CHP	2	1756.520	-32.22	-13	Pass

-The End-