

Band: 4 / Bandwidth: 1.4MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1710.7	1	0	22.17	3.00	25.17	<=30	Pass		
			2	22.21	3.00	25.21	<=30	Pass		
			5	22.22	3.00	25.22	<=30	Pass		
		3	0	22.03	3.00	25.03	<=30	Pass		
			2	22.10	3.00	25.10	<=30	Pass		
			3	22.06	3.00	25.06	<=30	Pass		
		6	0	20.95	3.00	23.95	<=30	Pass		
		1732.5	1	0	21.90	3.00	24.90	<=30	Pass	
				2	22.03	3.00	25.03	<=30	Pass	
	5			22.04	3.00	25.04	<=30	Pass		
	3		0	22.19	3.00	25.19	<=30	Pass		
			2	22.09	3.00	25.09	<=30	Pass		
			3	22.13	3.00	25.13	<=30	Pass		
	6		0	21.08	3.00	24.08	<=30	Pass		
	1754.3		1	0	22.15	3.00	25.15	<=30	Pass	
				2	22.20	3.00	25.20	<=30	Pass	
		5		22.06	3.00	25.06	<=30	Pass		
		3	0	22.03	3.00	25.03	<=30	Pass		
			2	22.23	3.00	25.23	<=30	Pass		
			3	22.06	3.00	25.06	<=30	Pass		
		6	0	21.17	3.00	24.17	<=30	Pass		
		16QAM	1710.7	1	0	20.99	3.00	23.99	<=30	Pass
					2	21.28	3.00	24.28	<=30	Pass
	5				21.07	3.00	24.07	<=30	Pass	
3	0			21.05	3.00	24.05	<=30	Pass		
	2			21.18	3.00	24.18	<=30	Pass		
	3			21.15	3.00	24.15	<=30	Pass		
6	0			19.91	3.00	22.91	<=30	Pass		
1732.5	1			0	21.25	3.00	24.25	<=30	Pass	
				2	21.49	3.00	24.49	<=30	Pass	
			5	21.80	3.00	24.80	<=30	Pass		
	3		0	21.01	3.00	24.01	<=30	Pass		
			2	21.03	3.00	24.03	<=30	Pass		
			3	20.89	3.00	23.89	<=30	Pass		
	6		0	19.87	3.00	22.87	<=30	Pass		
	1754.3		1	0	20.84	3.00	23.84	<=30	Pass	
				2	21.03	3.00	24.03	<=30	Pass	
5				21.03	3.00	24.03	<=30	Pass		
3			0	21.13	3.00	24.13	<=30	Pass		
			2	21.19	3.00	24.19	<=30	Pass		
			3	21.15	3.00	24.15	<=30	Pass		
6			0	19.93	3.00	22.93	<=30	Pass		
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	22.02	3.00	25.02	<=30	Pass		
			7	22.13	3.00	25.13	<=30	Pass		
			14	22.15	3.00	25.15	<=30	Pass		
		8	0	21.09	3.00	24.09	<=30	Pass		
			4	21.06	3.00	24.06	<=30	Pass		
			7	21.06	3.00	24.06	<=30	Pass		
		15	0	21.03	3.00	24.03	<=30	Pass		
		1732.5	1	0	22.01	3.00	25.01	<=30	Pass	
				7	22.27	3.00	25.27	<=30	Pass	
	14			21.97	3.00	24.97	<=30	Pass		
	8		0	20.95	3.00	23.95	<=30	Pass		
			4	21.02	3.00	24.02	<=30	Pass		
			7	21.04	3.00	24.04	<=30	Pass		
	15	0	21.03	3.00	24.03	<=30	Pass			
	1753.5	1	0	21.97	3.00	24.97	<=30	Pass		
			7	22.62	3.00	25.62	<=30	Pass		
			14	22.10	3.00	25.10	<=30	Pass		
		8	0	21.03	3.00	24.03	<=30	Pass		
			4	21.01	3.00	24.01	<=30	Pass		
			7	21.09	3.00	24.09	<=30	Pass		
		15	0	21.21	3.00	24.21	<=30	Pass		
		16QAM	1711.5	1	0	21.52	3.00	24.52	<=30	Pass
					7	21.69	3.00	24.69	<=30	Pass
	14				21.43	3.00	24.43	<=30	Pass	
	8			0	19.96	3.00	22.96	<=30	Pass	
				4	19.93	3.00	22.93	<=30	Pass	
				7	20.02	3.00	23.02	<=30	Pass	
15	0			20.18	3.00	23.18	<=30	Pass		
1732.5	1			0	21.13	3.00	24.13	<=30	Pass	
				7	21.27	3.00	24.27	<=30	Pass	
			14	21.18	3.00	24.18	<=30	Pass		
	8		0	19.98	3.00	22.98	<=30	Pass		
			4	19.86	3.00	22.86	<=30	Pass		
			7	19.97	3.00	22.97	<=30	Pass		
15	0		20.01	3.00	23.01	<=30	Pass			
1753.5	1		0	21.35	3.00	24.35	<=30	Pass		
			7	21.49	3.00	24.49	<=30	Pass		
			14	21.33	3.00	24.33	<=30	Pass		
	8		0	20.02	3.00	23.02	<=30	Pass		
			4	20.29	3.00	23.29	<=30	Pass		
			7	20.29	3.00	23.29	<=30	Pass		
	15		0	20.06	3.00	23.06	<=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	21.85	3.00	24.85	<=30	Pass		
			13	22.05	3.00	25.05	<=30	Pass		
			24	22.00	3.00	25.00	<=30	Pass		
		12	0	21.06	3.00	24.06	<=30	Pass		
			6	21.18	3.00	24.18	<=30	Pass		
			13	21.05	3.00	24.05	<=30	Pass		
		25	0	21.05	3.00	24.05	<=30	Pass		
		1732.5	1	0	21.67	3.00	24.67	<=30	Pass	
				13	21.93	3.00	24.93	<=30	Pass	
	24			21.75	3.00	24.75	<=30	Pass		
	12		0	21.12	3.00	24.12	<=30	Pass		
			6	21.15	3.00	24.15	<=30	Pass		
			13	21.11	3.00	24.11	<=30	Pass		
	25	0	21.10	3.00	24.10	<=30	Pass			
	1752.5	1	0	21.78	3.00	24.78	<=30	Pass		
			13	22.16	3.00	25.16	<=30	Pass		
			24	22.09	3.00	25.09	<=30	Pass		
		12	0	21.12	3.00	24.12	<=30	Pass		
			6	21.11	3.00	24.11	<=30	Pass		
			13	21.21	3.00	24.21	<=30	Pass		
		25	0	21.16	3.00	24.16	<=30	Pass		
		16QAM	1712.5	1	0	20.22	3.00	23.22	<=30	Pass
					13	20.58	3.00	23.58	<=30	Pass
	24				20.49	3.00	23.49	<=30	Pass	
12	0			19.98	3.00	22.98	<=30	Pass		
	6			20.00	3.00	23.00	<=30	Pass		
	13			19.98	3.00	22.98	<=30	Pass		
25	0			20.02	3.00	23.02	<=30	Pass		
1732.5	1			0	21.43	3.00	24.43	<=30	Pass	
				13	21.67	3.00	24.67	<=30	Pass	
			24	21.56	3.00	24.56	<=30	Pass		
	12		0	19.91	3.00	22.91	<=30	Pass		
			6	20.05	3.00	23.05	<=30	Pass		
			13	20.01	3.00	23.01	<=30	Pass		
25	0		20.06	3.00	23.06	<=30	Pass			
1752.5	1		0	20.96	3.00	23.96	<=30	Pass		
			13	21.60	3.00	24.60	<=30	Pass		
			24	21.54	3.00	24.54	<=30	Pass		
	12		0	20.25	3.00	23.25	<=30	Pass		
			6	20.18	3.00	23.18	<=30	Pass		
			13	20.20	3.00	23.20	<=30	Pass		
	25		0	20.17	3.00	23.17	<=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	22.13	3.00	25.13	<=30	Pass		
			25	22.30	3.00	25.30	<=30	Pass		
			49	21.80	3.00	24.80	<=30	Pass		
		25	0	21.03	3.00	24.03	<=30	Pass		
			13	21.08	3.00	24.08	<=30	Pass		
			25	21.17	3.00	24.17	<=30	Pass		
		50	0	21.07	3.00	24.07	<=30	Pass		
		1732.5	1	0	21.92	3.00	24.92	<=30	Pass	
				25	22.27	3.00	25.27	<=30	Pass	
	49			21.78	3.00	24.78	<=30	Pass		
	25		0	20.93	3.00	23.93	<=30	Pass		
			13	21.06	3.00	24.06	<=30	Pass		
			25	20.97	3.00	23.97	<=30	Pass		
	50	0	20.94	3.00	23.94	<=30	Pass			
	1750	1	0	22.00	3.00	25.00	<=30	Pass		
			25	22.70	3.00	25.70	<=30	Pass		
			49	21.98	3.00	24.98	<=30	Pass		
		25	0	21.17	3.00	24.17	<=30	Pass		
			13	21.17	3.00	24.17	<=30	Pass		
			25	21.06	3.00	24.06	<=30	Pass		
		50	0	21.12	3.00	24.12	<=30	Pass		
		16QAM	1715	1	0	21.12	3.00	24.12	<=30	Pass
					25	22.13	3.00	25.13	<=30	Pass
	49				21.11	3.00	24.11	<=30	Pass	
25	0			20.09	3.00	23.09	<=30	Pass		
	13			20.14	3.00	23.14	<=30	Pass		
	25			20.12	3.00	23.12	<=30	Pass		
50	0			20.08	3.00	23.08	<=30	Pass		
1732.5	1		0	21.39	3.00	24.39	<=30	Pass		
			25	22.25	3.00	25.25	<=30	Pass		
			49	21.33	3.00	24.33	<=30	Pass		
	25		0	19.77	3.00	22.77	<=30	Pass		
			13	19.89	3.00	22.89	<=30	Pass		
			25	19.99	3.00	22.99	<=30	Pass		
50	0		19.77	3.00	22.77	<=30	Pass			
1750	1		0	21.01	3.00	24.01	<=30	Pass		
			25	21.18	3.00	24.18	<=30	Pass		
			49	20.80	3.00	23.80	<=30	Pass		
	25		0	20.36	3.00	23.36	<=30	Pass		
		13	20.34	3.00	23.34	<=30	Pass			
		25	20.14	3.00	23.14	<=30	Pass			
	50	0	20.03	3.00	23.03	<=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	21.88	3.00	24.88	<=30	Pass		
			38	22.22	3.00	25.22	<=30	Pass		
			74	21.79	3.00	24.79	<=30	Pass		
		36	0	21.08	3.00	24.08	<=30	Pass		
			18	21.18	3.00	24.18	<=30	Pass		
			39	20.99	3.00	23.99	<=30	Pass		
		75	0	21.00	3.00	24.00	<=30	Pass		
		1732.5	1	0	21.86	3.00	24.86	<=30	Pass	
				38	22.14	3.00	25.14	<=30	Pass	
	74			22.00	3.00	25.00	<=30	Pass		
	36		0	20.98	3.00	23.98	<=30	Pass		
			18	21.06	3.00	24.06	<=30	Pass		
			39	21.01	3.00	24.01	<=30	Pass		
	75	0	20.99	3.00	23.99	<=30	Pass			
	1747.5	1	0	22.49	3.00	25.49	<=30	Pass		
			38	21.91	3.00	24.91	<=30	Pass		
			74	21.77	3.00	24.77	<=30	Pass		
		36	0	21.33	3.00	24.33	<=30	Pass		
			18	21.17	3.00	24.17	<=30	Pass		
			39	21.06	3.00	24.06	<=30	Pass		
		75	0	21.23	3.00	24.23	<=30	Pass		
		16QAM	1717.5	1	0	21.18	3.00	24.18	<=30	Pass
					38	21.50	3.00	24.50	<=30	Pass
	74				20.90	3.00	23.90	<=30	Pass	
36	0			19.97	3.00	22.97	<=30	Pass		
	18			20.05	3.00	23.05	<=30	Pass		
	39			20.18	3.00	23.18	<=30	Pass		
75	0			20.06	3.00	23.06	<=30	Pass		
1732.5	1			0	21.39	3.00	24.39	<=30	Pass	
				38	22.21	3.00	25.21	<=30	Pass	
			74	21.37	3.00	24.37	<=30	Pass		
	36		0	19.93	3.00	22.93	<=30	Pass		
			18	20.03	3.00	23.03	<=30	Pass		
			39	19.95	3.00	22.95	<=30	Pass		
75	0		19.97	3.00	22.97	<=30	Pass			
1747.5	1		0	21.67	3.00	24.67	<=30	Pass		
			38	21.37	3.00	24.37	<=30	Pass		
			74	20.80	3.00	23.80	<=30	Pass		
	36		0	20.24	3.00	23.24	<=30	Pass		
			18	20.19	3.00	23.19	<=30	Pass		
			39	19.96	3.00	22.96	<=30	Pass		
	75		0	20.04	3.00	23.04	<=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	21.82	3.00	24.82	<=30	Pass		
			50	22.43	3.00	25.43	<=30	Pass		
			99	21.71	3.00	24.71	<=30	Pass		
		50	0	21.15	3.00	24.15	<=30	Pass		
			25	21.19	3.00	24.19	<=30	Pass		
			50	20.97	3.00	23.97	<=30	Pass		
		100	0	21.06	3.00	24.06	<=30	Pass		
		1732.5	1	0	21.91	3.00	24.91	<=30	Pass	
				50	22.15	3.00	25.15	<=30	Pass	
	99			22.44	3.00	25.44	<=30	Pass		
	50		0	21.07	3.00	24.07	<=30	Pass		
			25	21.00	3.00	24.00	<=30	Pass		
			50	21.02	3.00	24.02	<=30	Pass		
	100	0	21.05	3.00	24.05	<=30	Pass			
	1745	1	0	21.90	3.00	24.90	<=30	Pass		
			50	22.48	3.00	25.48	<=30	Pass		
			99	22.34	3.00	25.34	<=30	Pass		
		50	0	21.29	3.00	24.29	<=30	Pass		
			25	21.27	3.00	24.27	<=30	Pass		
			50	21.05	3.00	24.05	<=30	Pass		
		100	0	21.21	3.00	24.21	<=30	Pass		
		16QAM	1720	1	0	21.43	3.00	24.43	<=30	Pass
					50	21.94	3.00	24.94	<=30	Pass
	99				21.42	3.00	24.42	<=30	Pass	
	50			0	20.23	3.00	23.23	<=30	Pass	
				25	20.30	3.00	23.30	<=30	Pass	
				50	20.00	3.00	23.00	<=30	Pass	
100	0			19.99	3.00	22.99	<=30	Pass		
1732.5	1			0	21.13	3.00	24.13	<=30	Pass	
				50	21.27	3.00	24.27	<=30	Pass	
			99	21.34	3.00	24.34	<=30	Pass		
	50		0	20.02	3.00	23.02	<=30	Pass		
			25	19.96	3.00	22.96	<=30	Pass		
			50	20.08	3.00	23.08	<=30	Pass		
100	0		19.90	3.00	22.90	<=30	Pass			
1745	1		0	21.41	3.00	24.41	<=30	Pass		
			50	22.14	3.00	25.14	<=30	Pass		
			99	22.10	3.00	25.10	<=30	Pass		
	50		0	20.35	3.00	23.35	<=30	Pass		
			25	20.25	3.00	23.25	<=30	Pass		
			50	20.03	3.00	23.03	<=30	Pass		
	100		0	20.22	3.00	23.22	<=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	3.27	1.763	0.0010	-2.5 to 2.5	Pass
					3.85	0.754	0.0004	-2.5 to 2.5	Pass
					4.43	0.854	0.0005	-2.5 to 2.5	Pass
				-30	3.85	0.856	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-0.613	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				0	3.85	1.577	0.0009	-2.5 to 2.5	Pass
				10	3.85	1.310	0.0008	-2.5 to 2.5	Pass
				30	3.85	0.202	0.0001	-2.5 to 2.5	Pass
				40	3.85	0.478	0.0003	-2.5 to 2.5	Pass
				50	3.85	2.606	0.0015	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

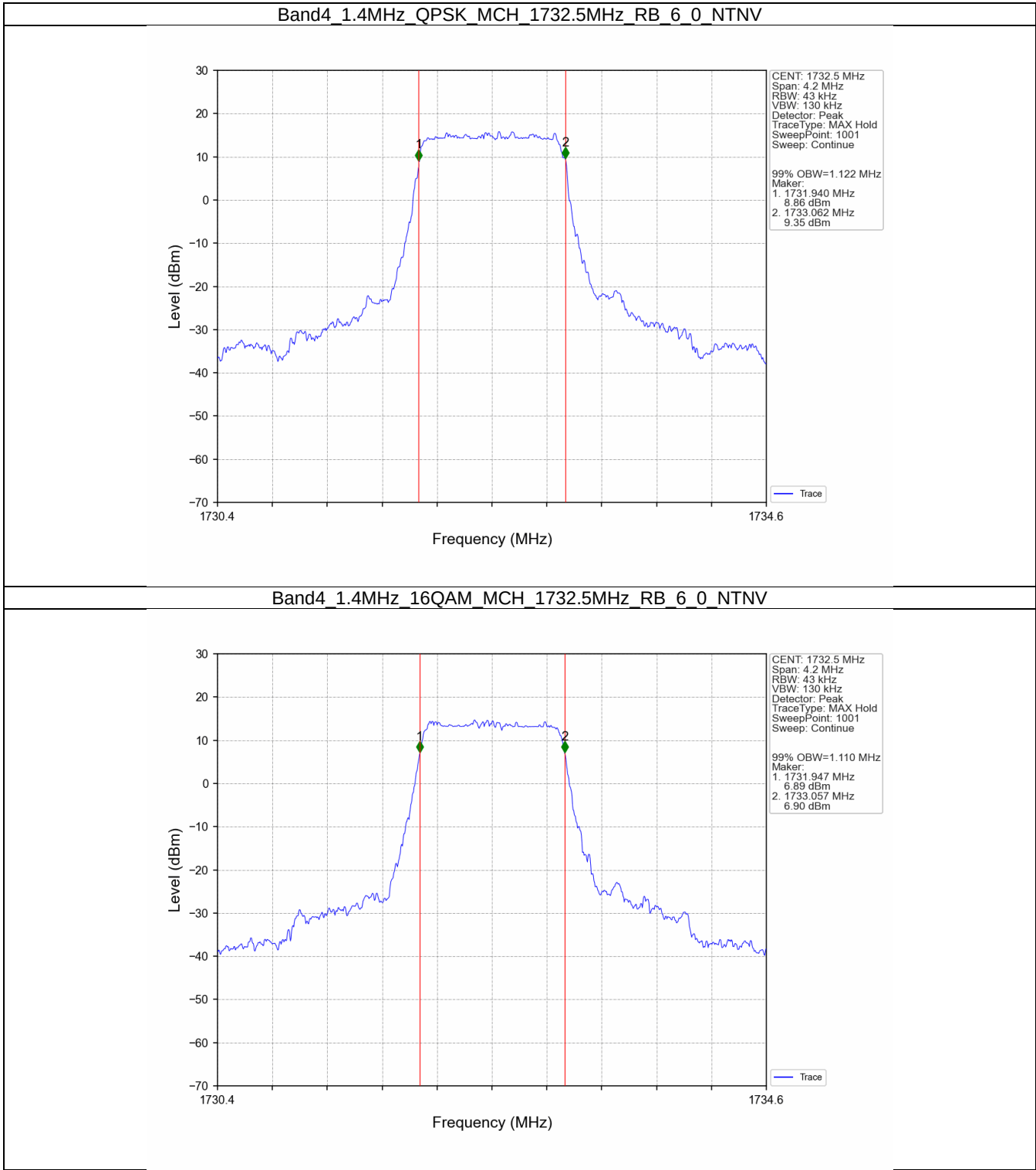
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.122	/	Pass
	16QAM	1732.5	6	0	1.110	/	Pass
3	QPSK	1732.5	15	0	2.745	/	Pass
	16QAM	1732.5	15	0	2.728	/	Pass
5	QPSK	1732.5	25	0	4.565	/	Pass
	16QAM	1732.5	25	0	4.545	/	Pass
10	QPSK	1732.5	50	0	9.026	/	Pass
	16QAM	1732.5	50	0	9.059	/	Pass
15	QPSK	1732.5	75	0	13.537	/	Pass
	16QAM	1732.5	75	0	13.544	/	Pass
20	QPSK	1732.5	100	0	18.052	/	Pass
	16QAM	1732.5	100	0	18.051	/	Pass

3.1.2 Band4_XDB

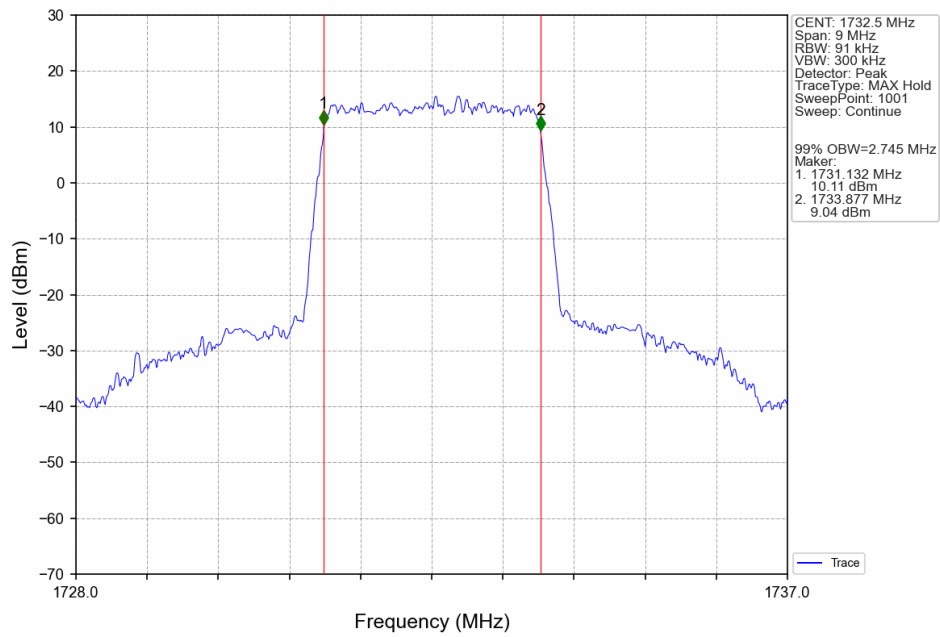
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.332	/	Pass
	16QAM	1732.5	6	0	1.348	/	Pass
3	QPSK	1732.5	15	0	3.076	/	Pass
	16QAM	1732.5	15	0	3.071	/	Pass
5	QPSK	1732.5	25	0	5.089	/	Pass
	16QAM	1732.5	25	0	5.092	/	Pass
10	QPSK	1732.5	50	0	10.073	/	Pass
	16QAM	1732.5	50	0	9.994	/	Pass
15	QPSK	1732.5	75	0	14.992	/	Pass
	16QAM	1732.5	75	0	14.999	/	Pass
20	QPSK	1732.5	100	0	19.704	/	Pass
	16QAM	1732.5	100	0	19.704	/	Pass

3.2 Test Graph

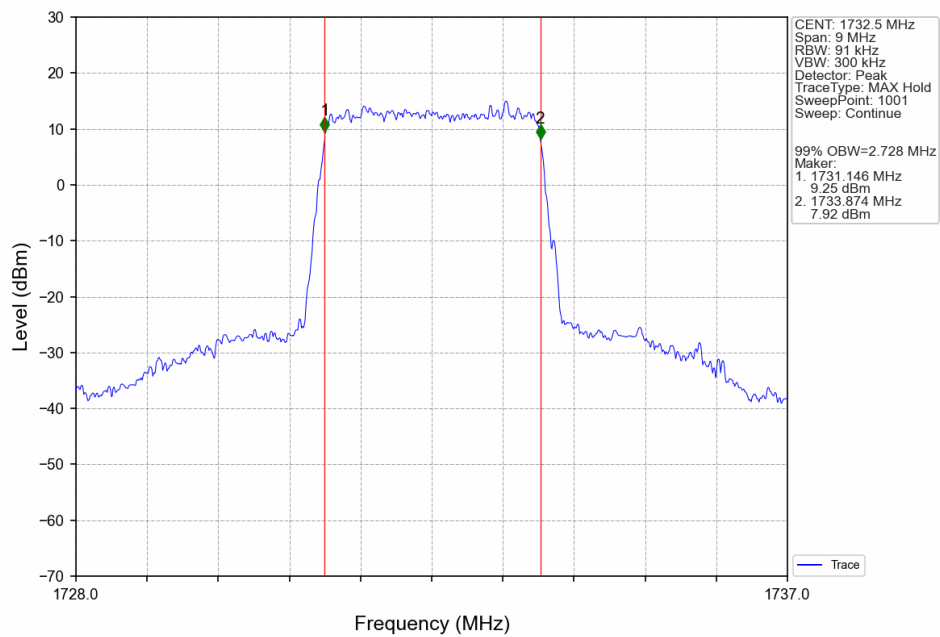
3.2.1 Band4_OBW



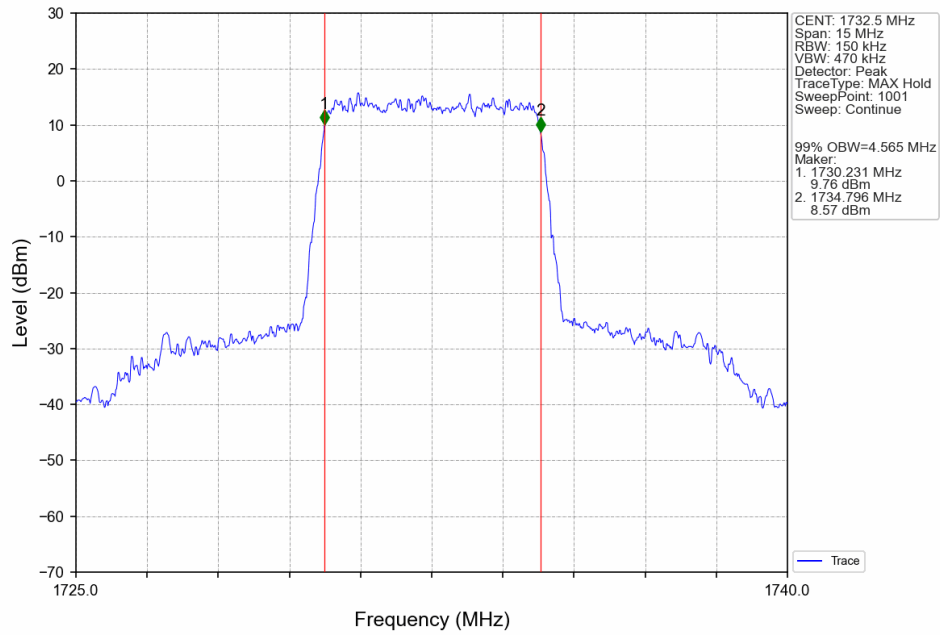
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTV



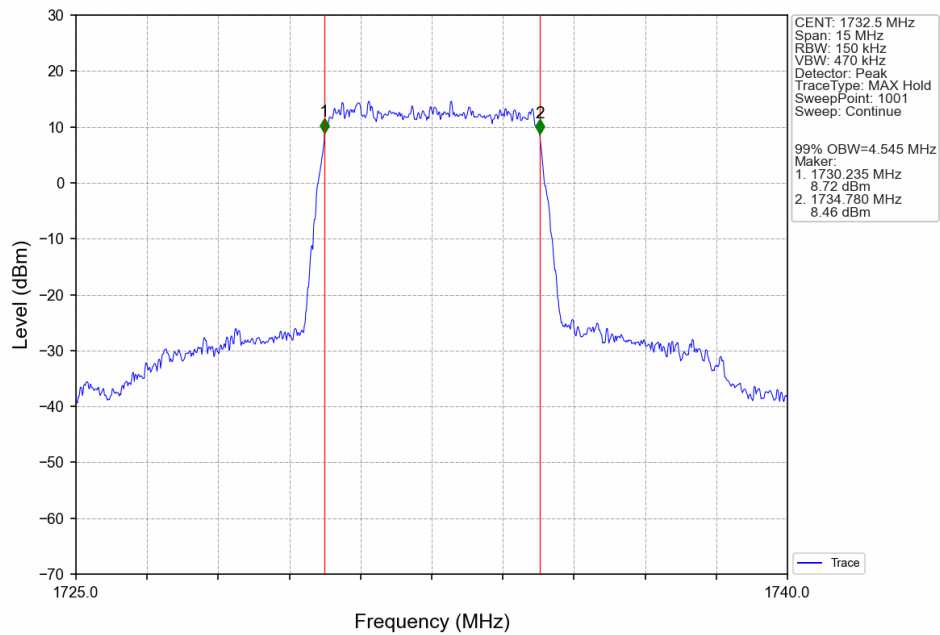
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTV



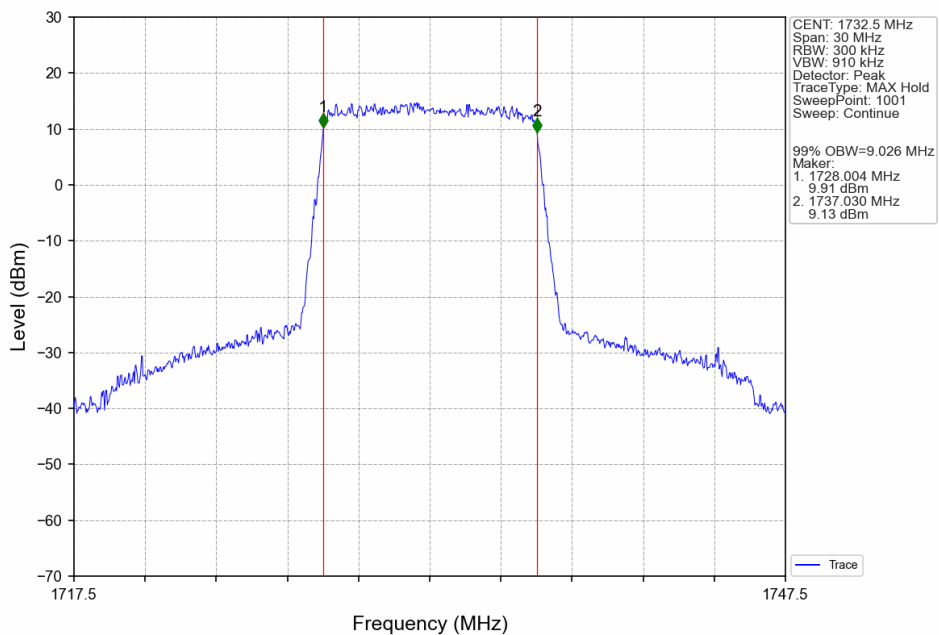
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



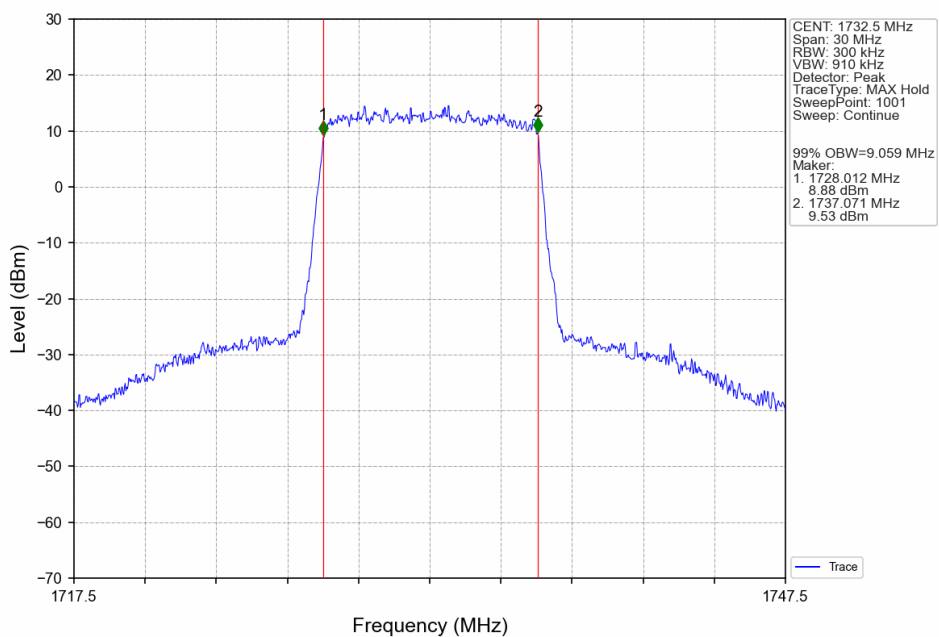
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



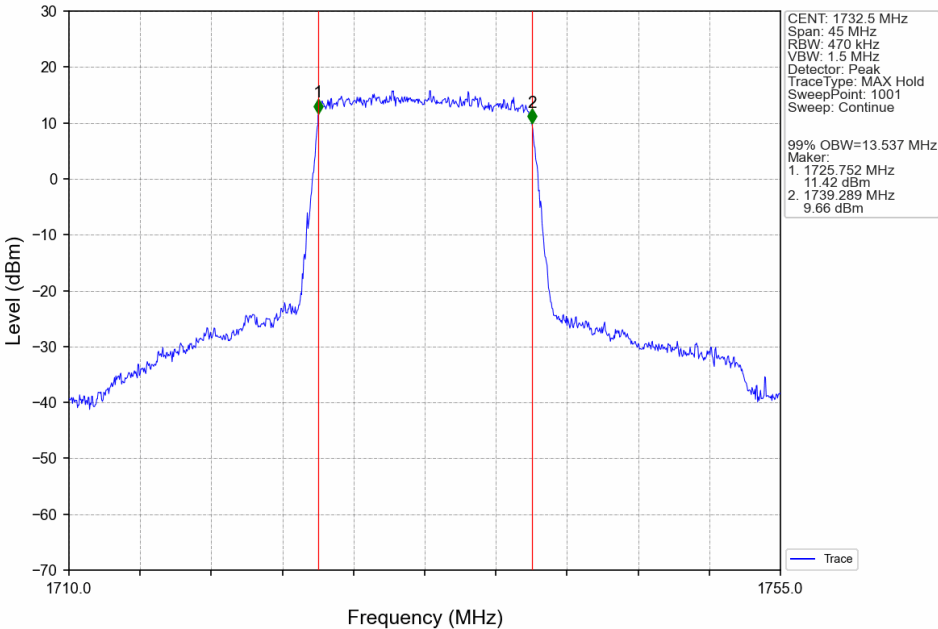
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTNV



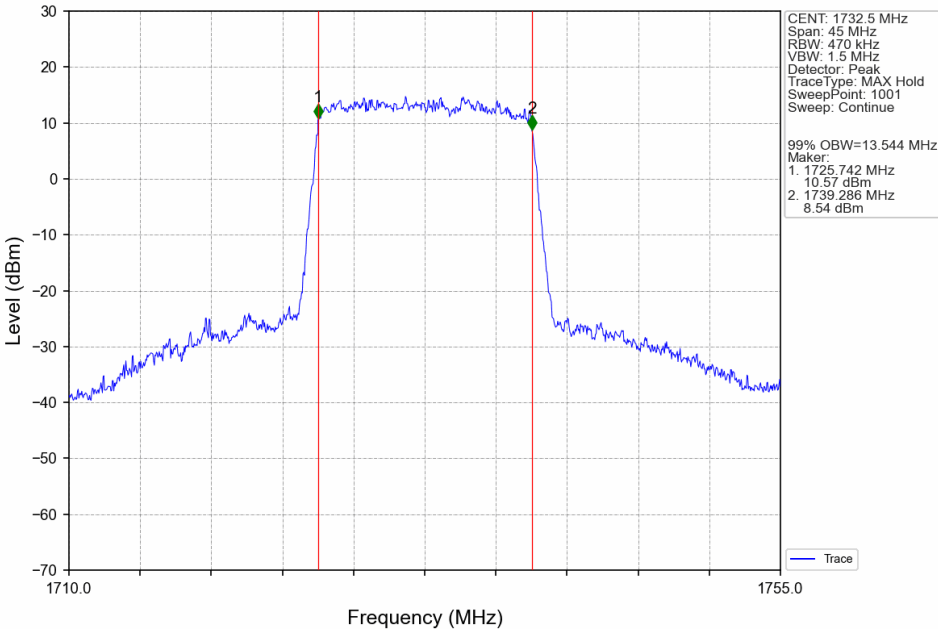
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV



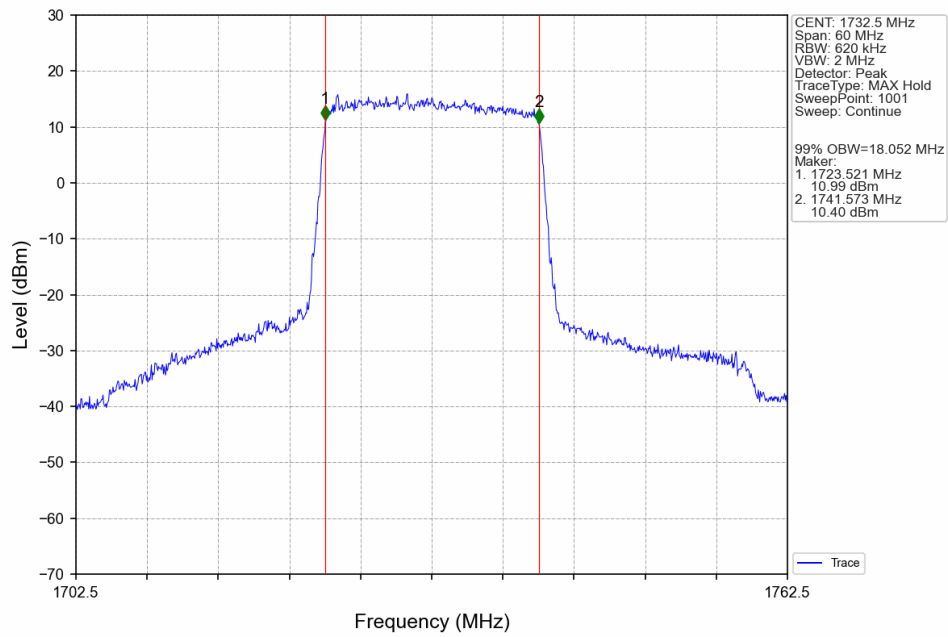
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



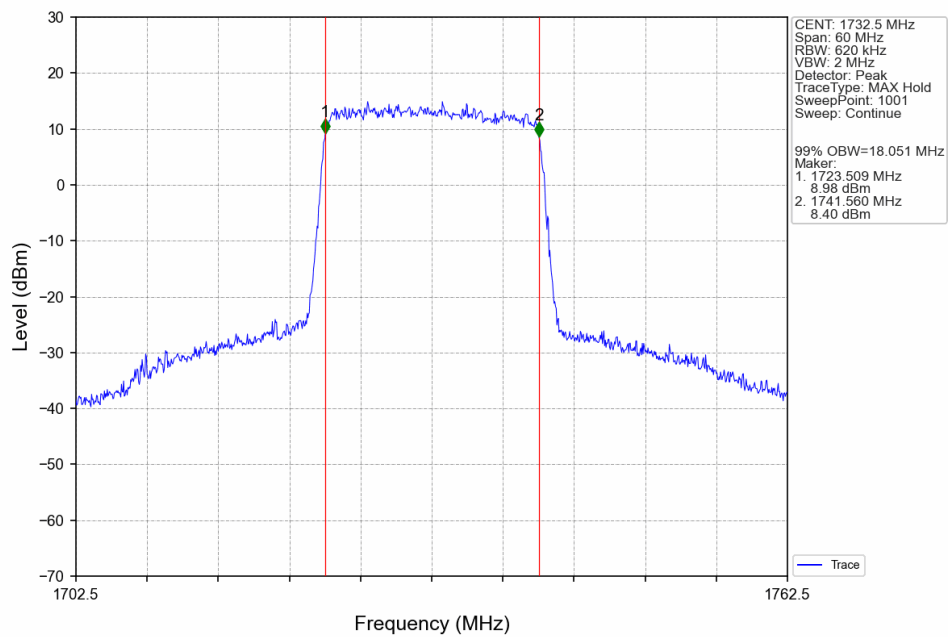
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



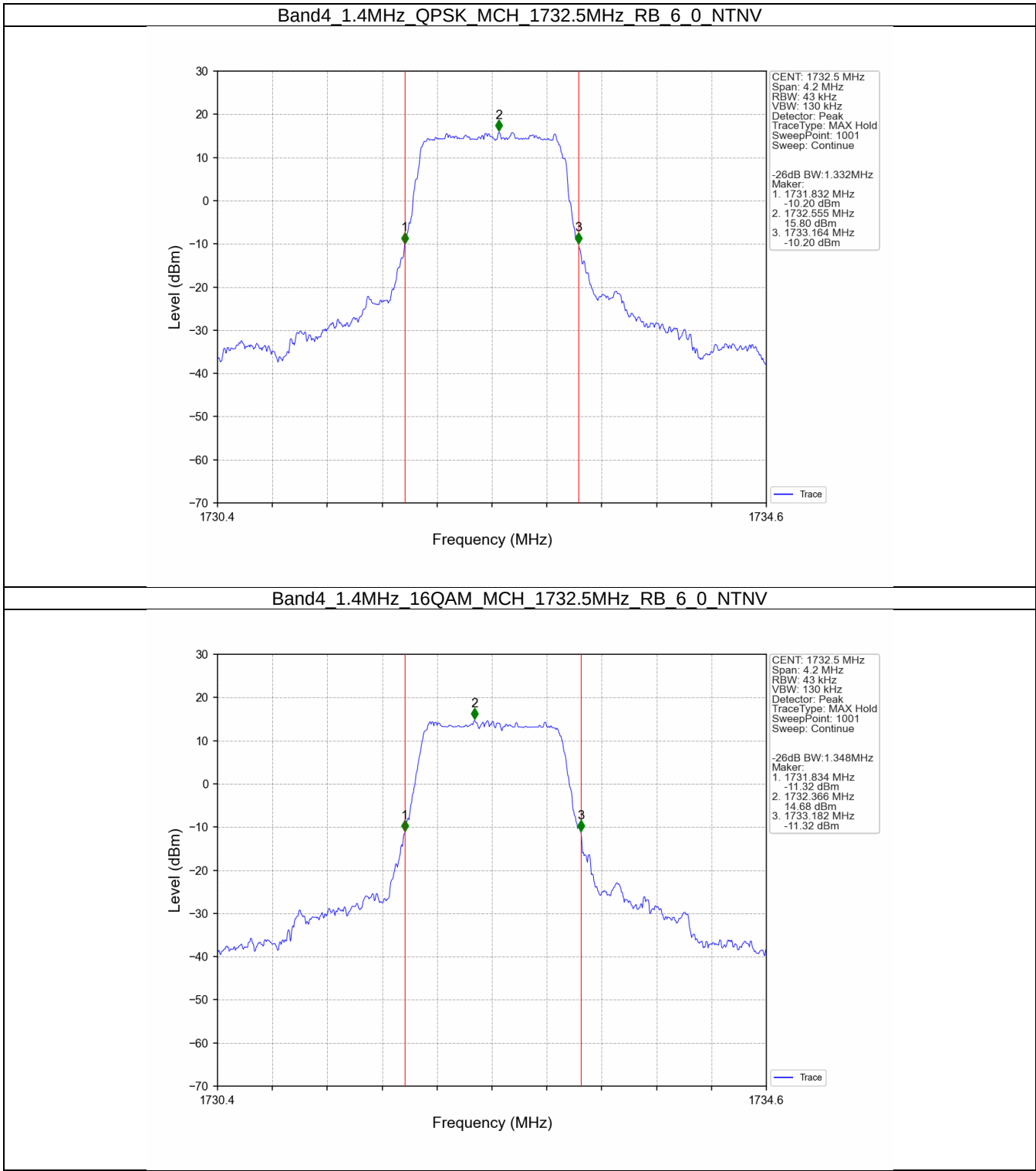
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



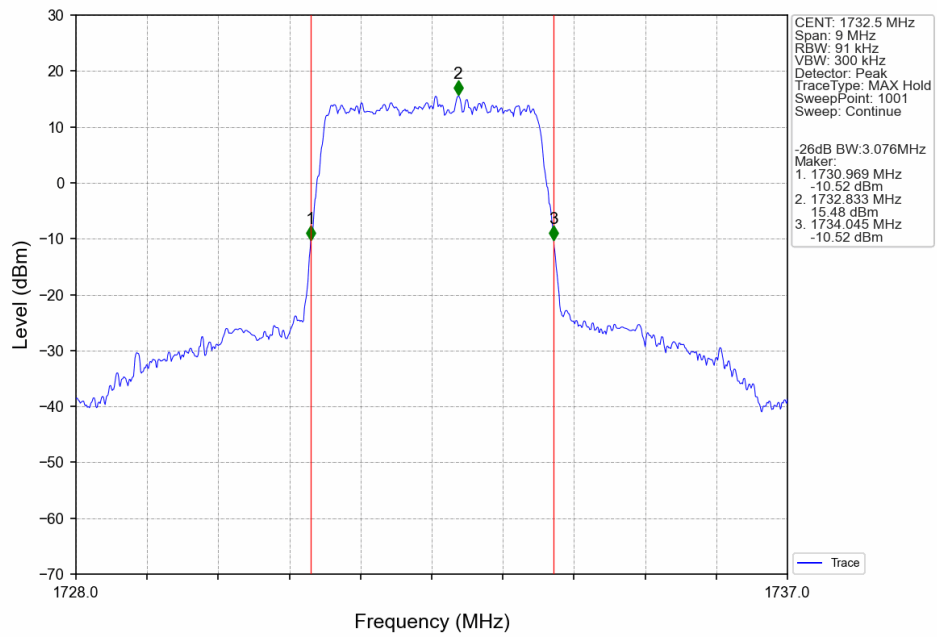
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



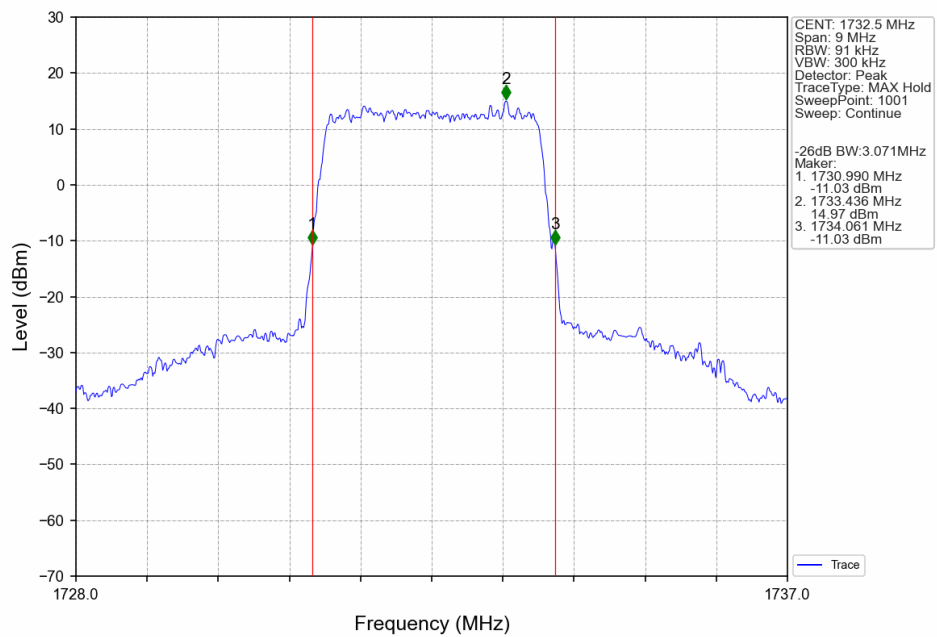
3.2.2 Band4_XDB



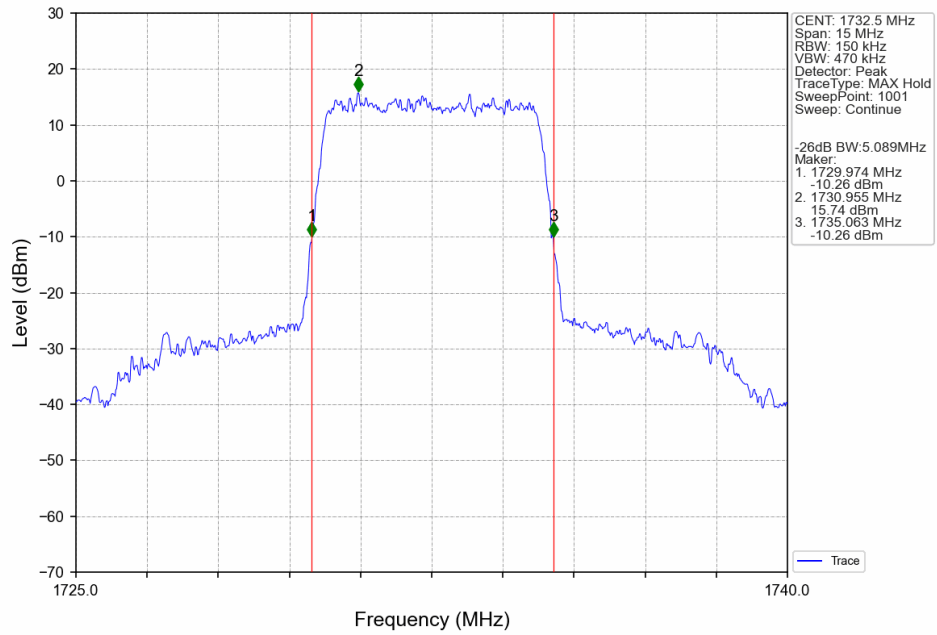
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTV



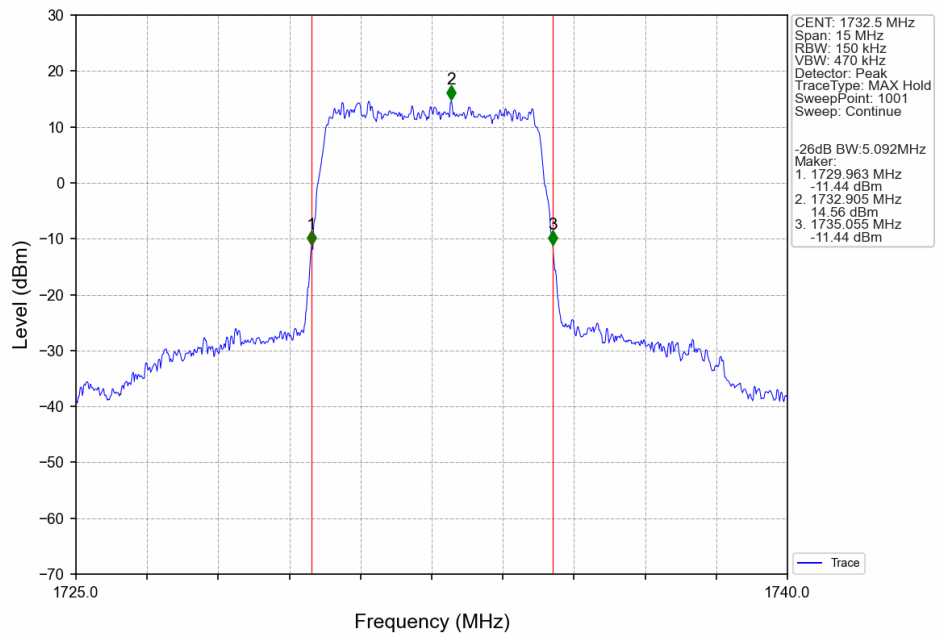
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTV



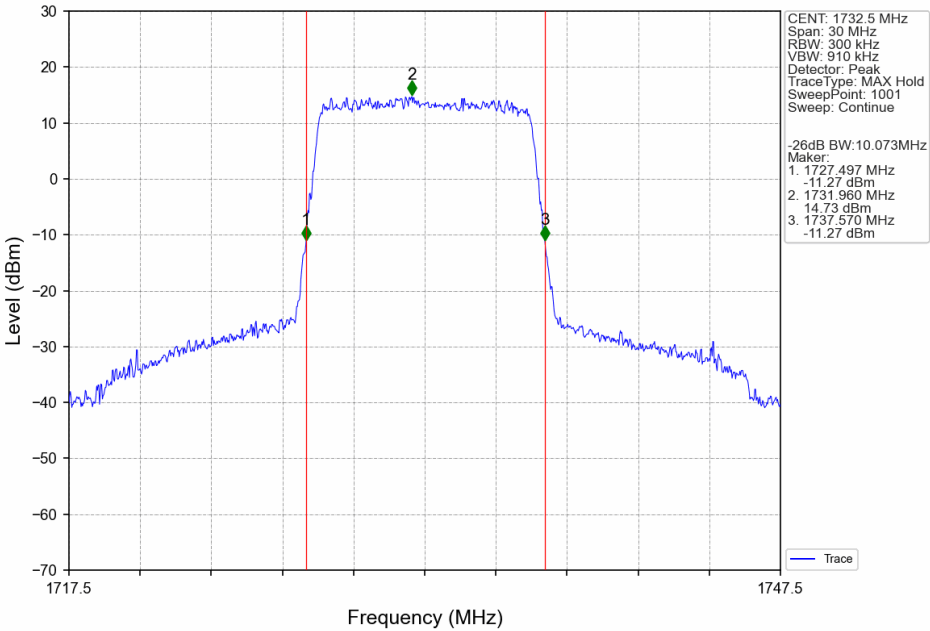
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTV



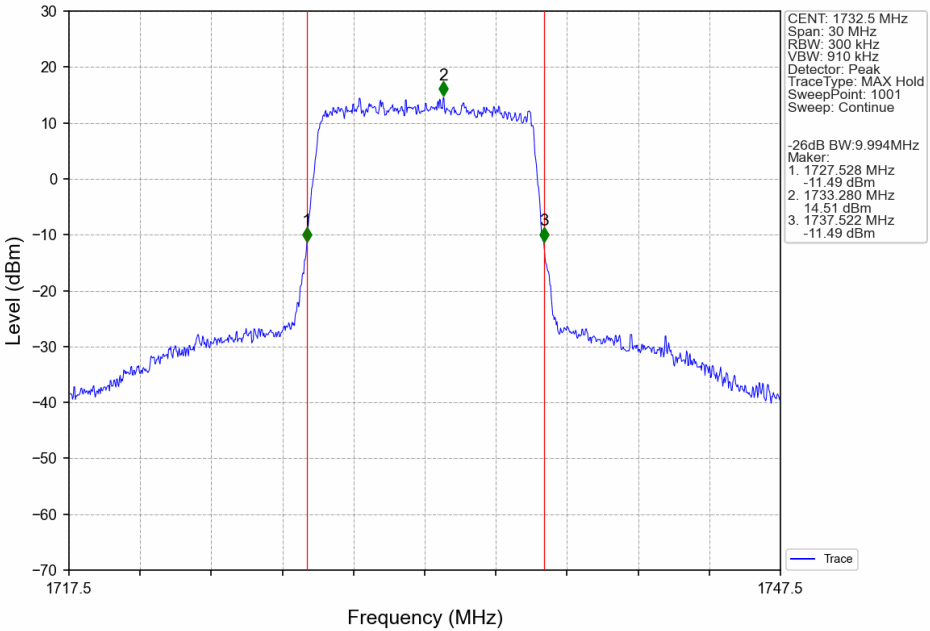
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTV



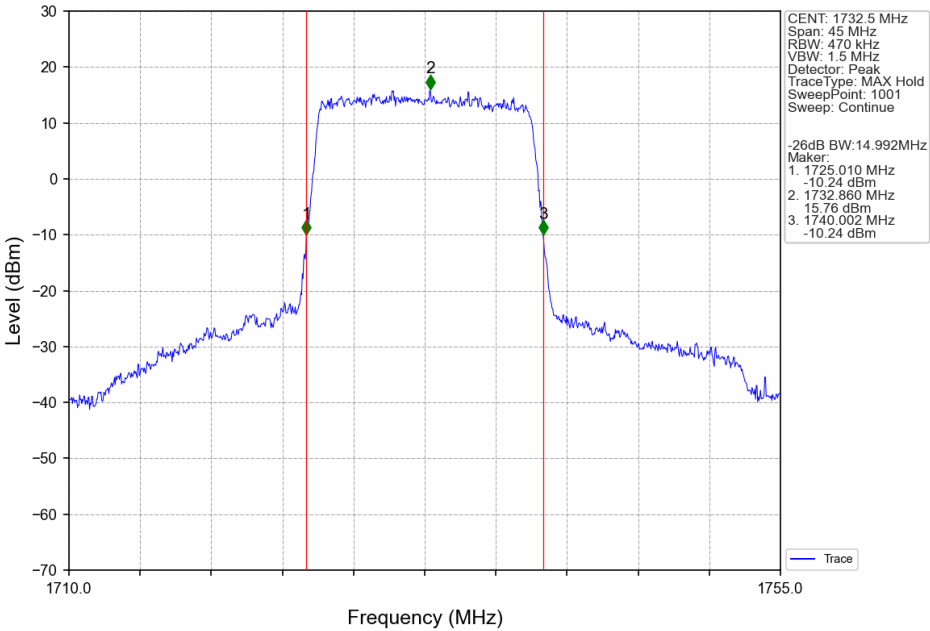
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTNV



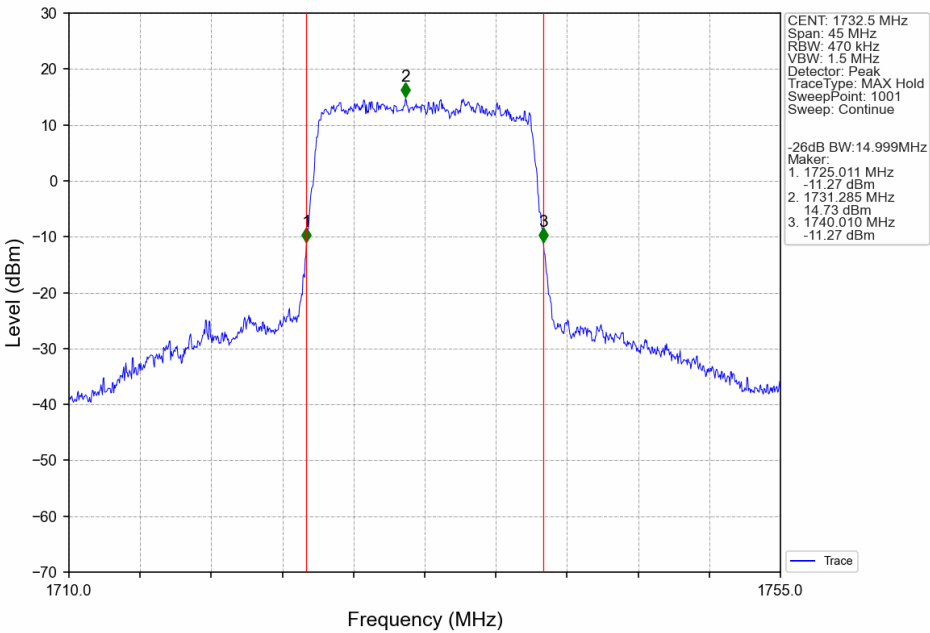
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV



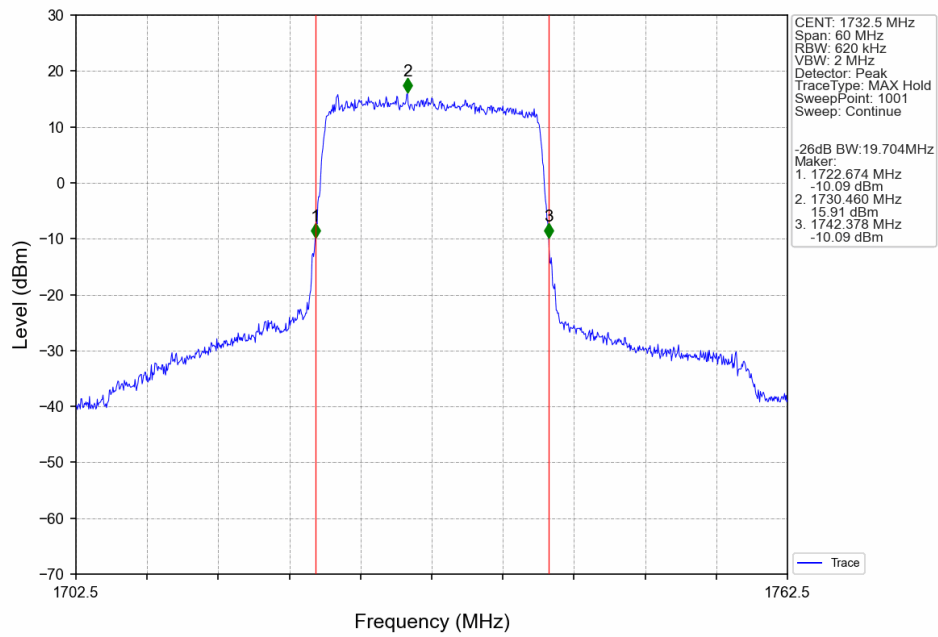
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



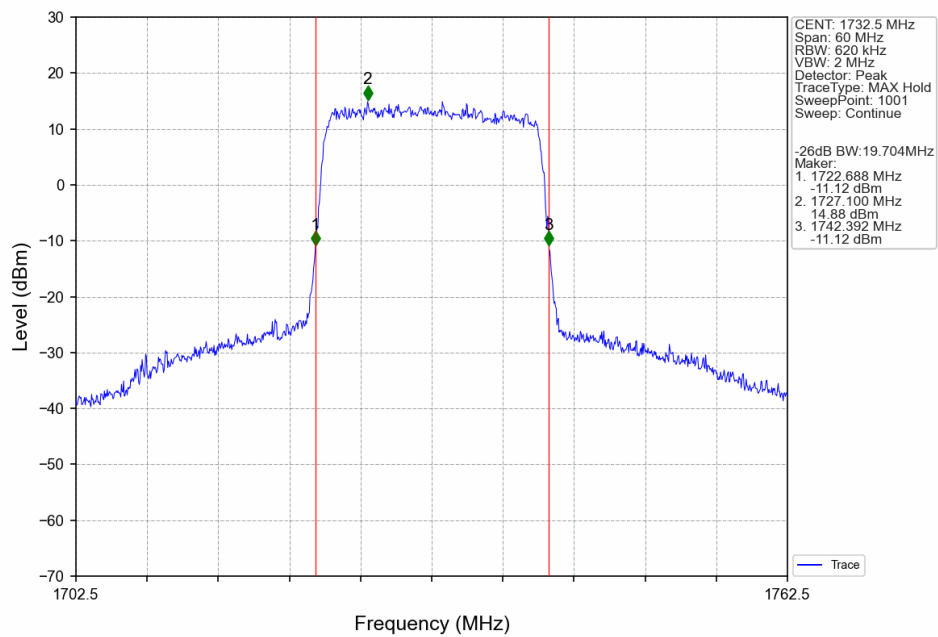
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



4. Peak-Average Ratio

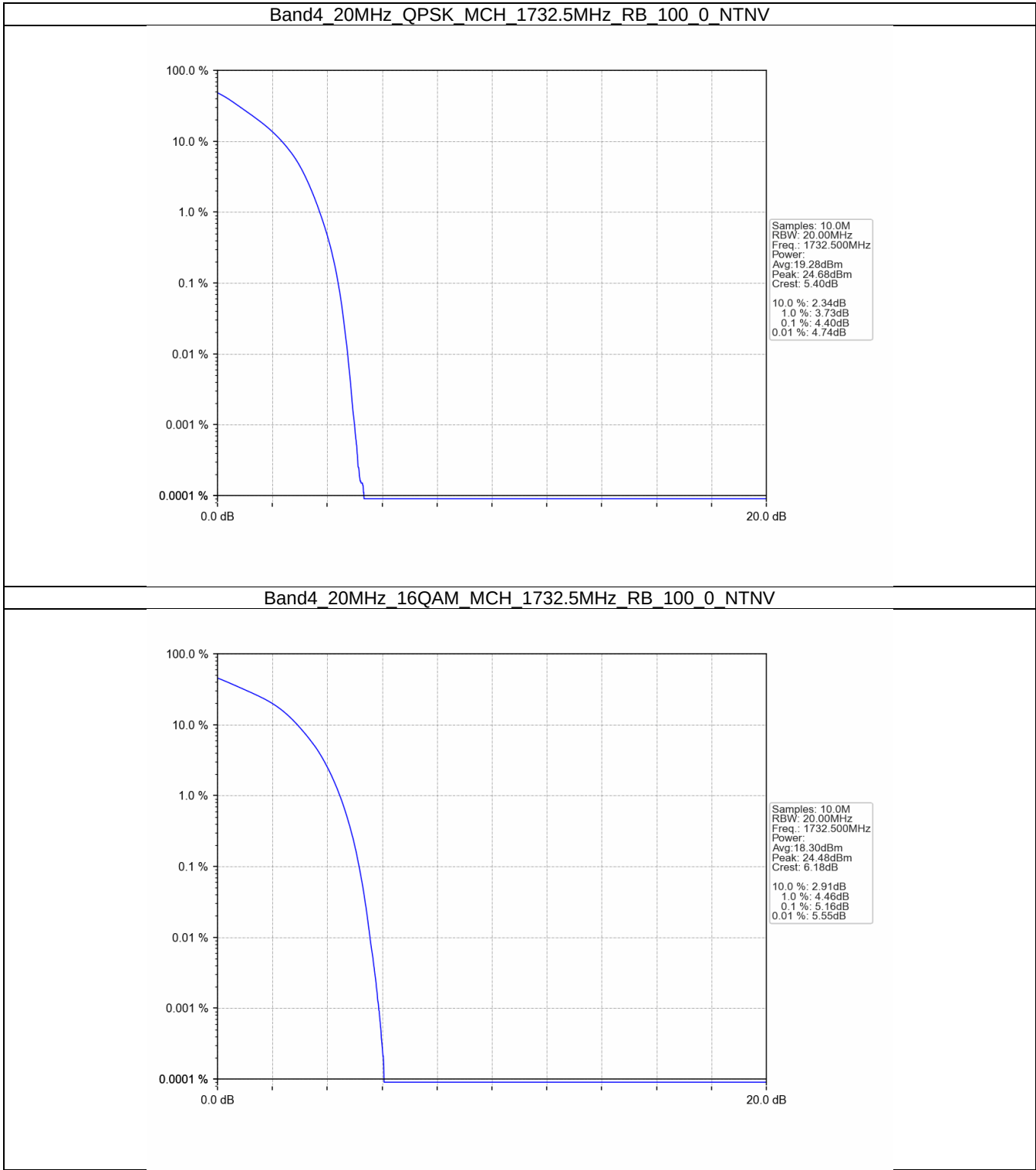
4.1 Test Result

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	4.40	<=13	Pass
16QAM	1732.5	100	0	5.16	<=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 / NTV						
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

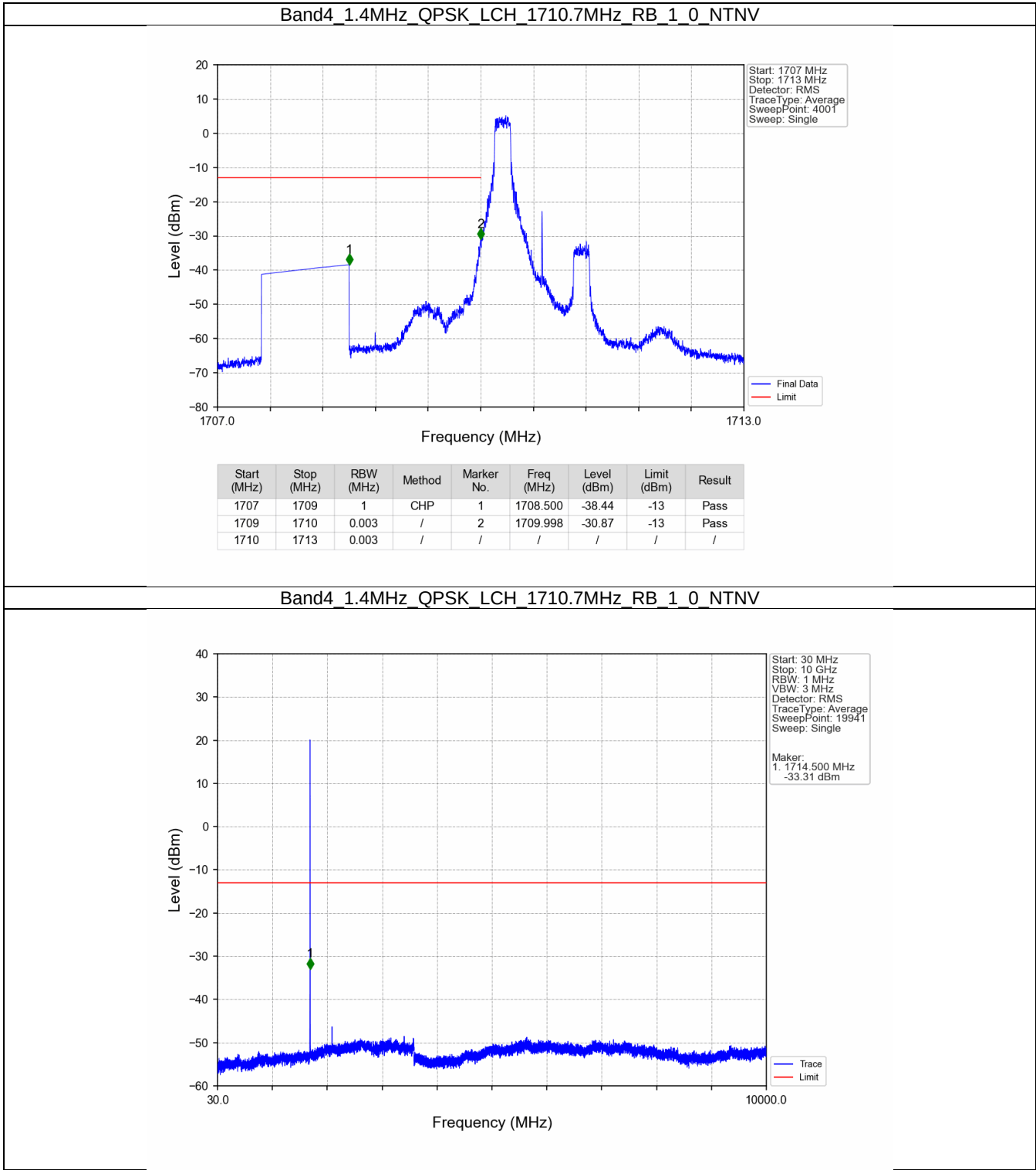
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

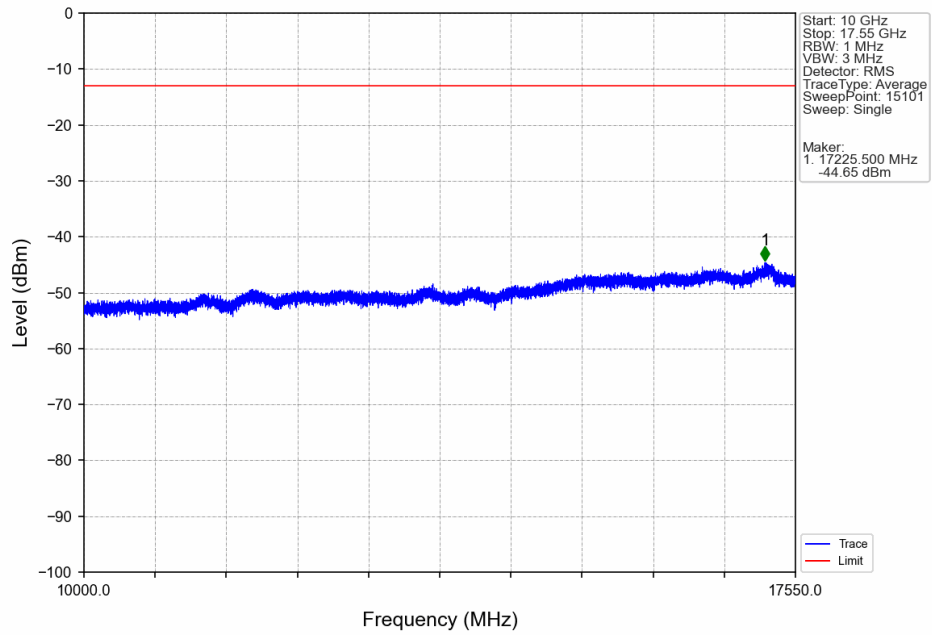
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1745	1	0	Refer To Test Graph	
	99			Refer To Test Graph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

5.2 Test Graph

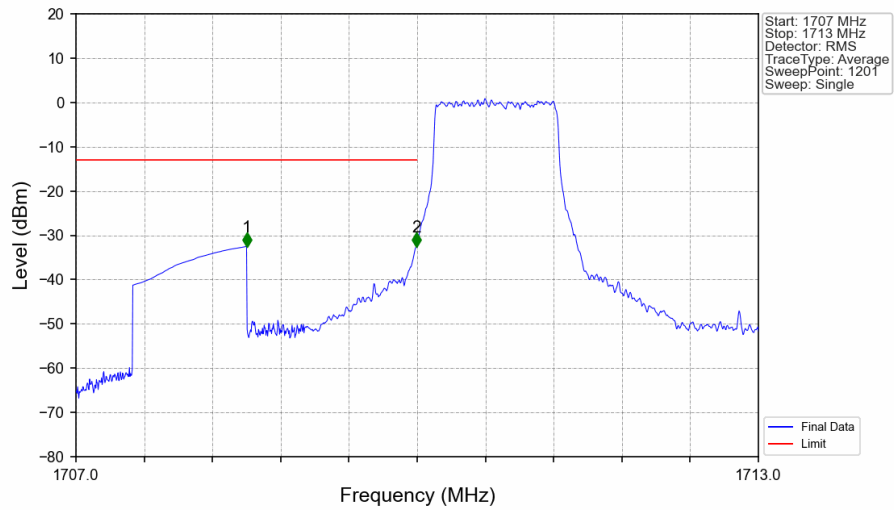
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

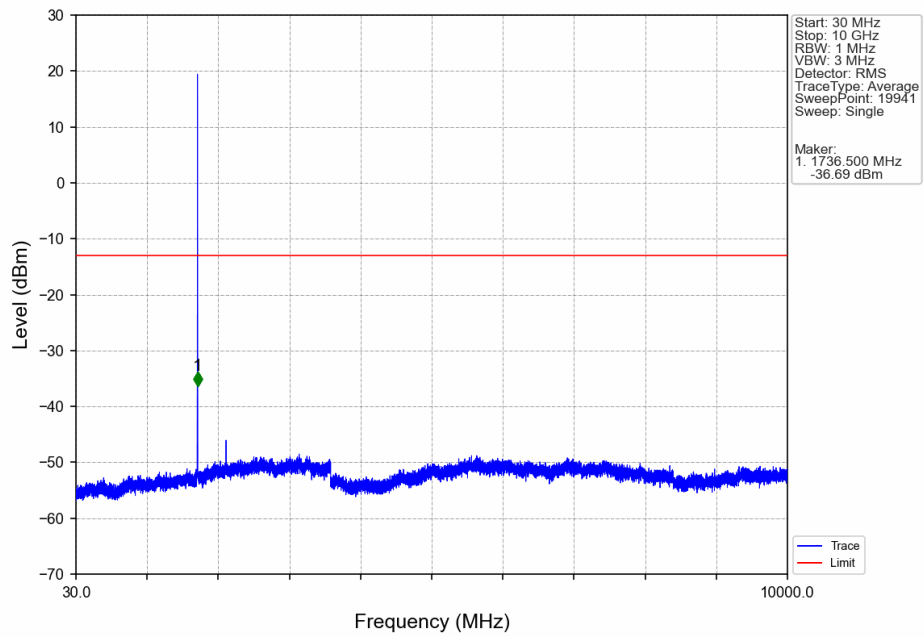


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

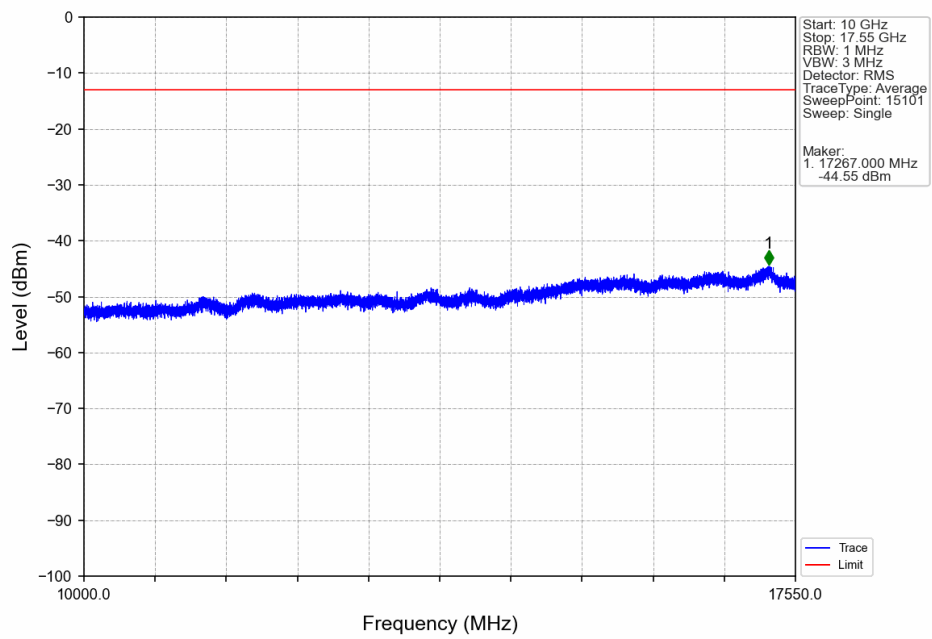


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-32.52	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-32.60	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

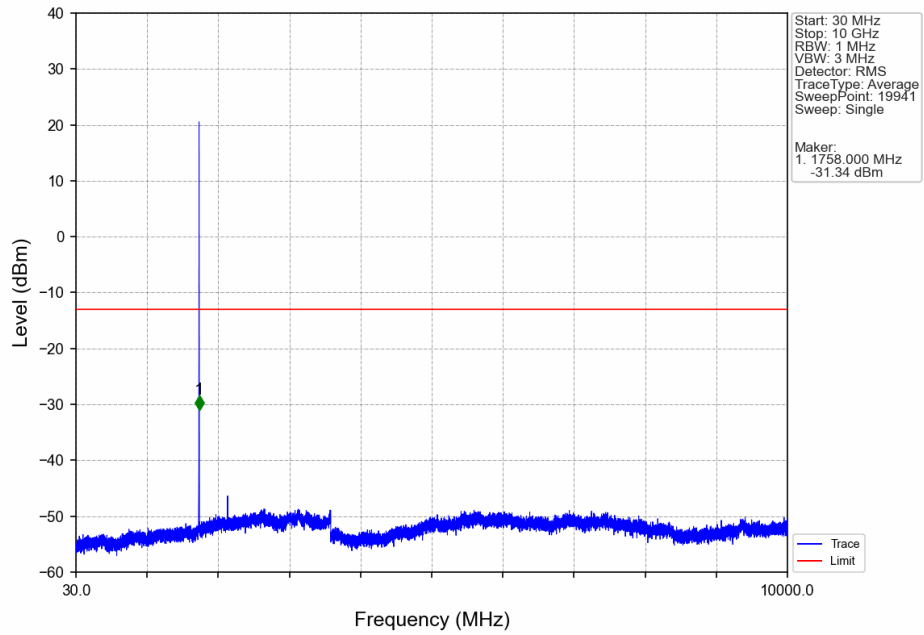
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



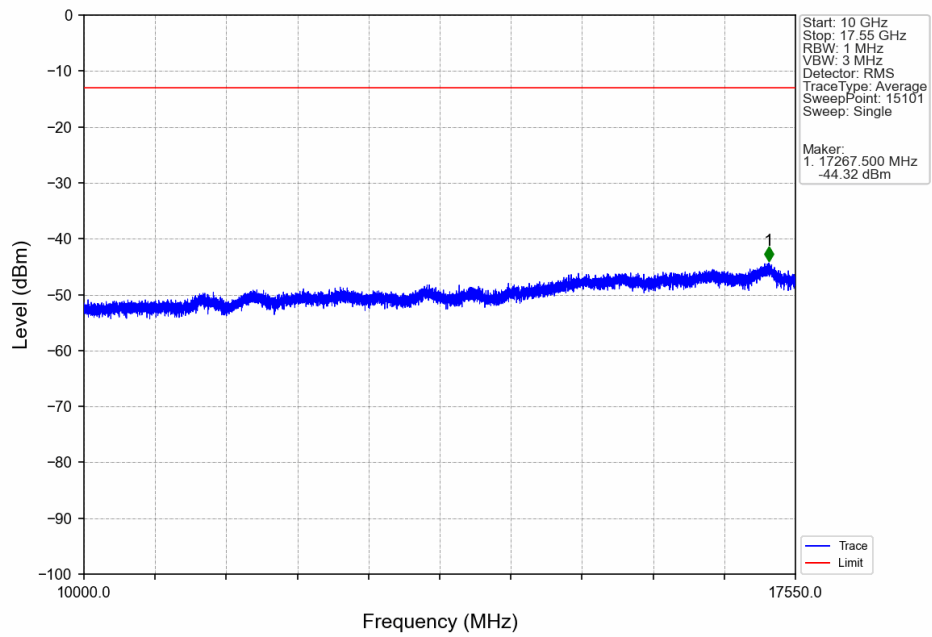
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



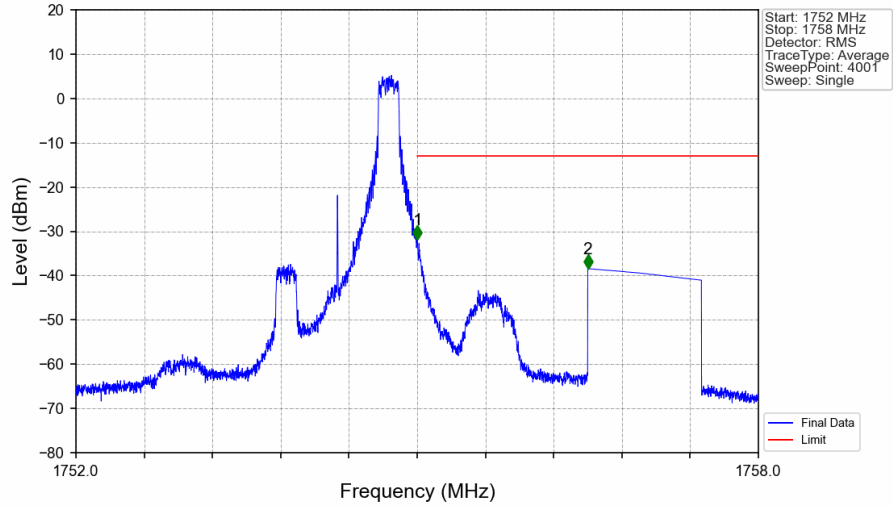
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV

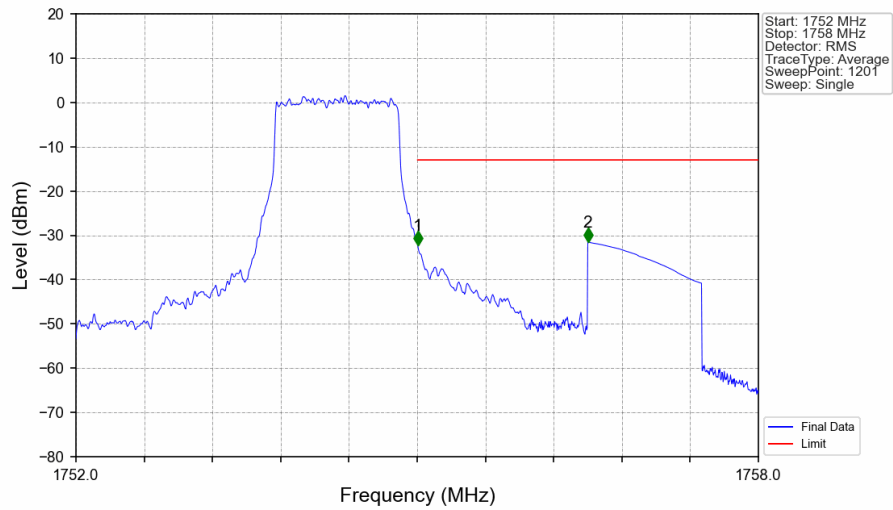


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



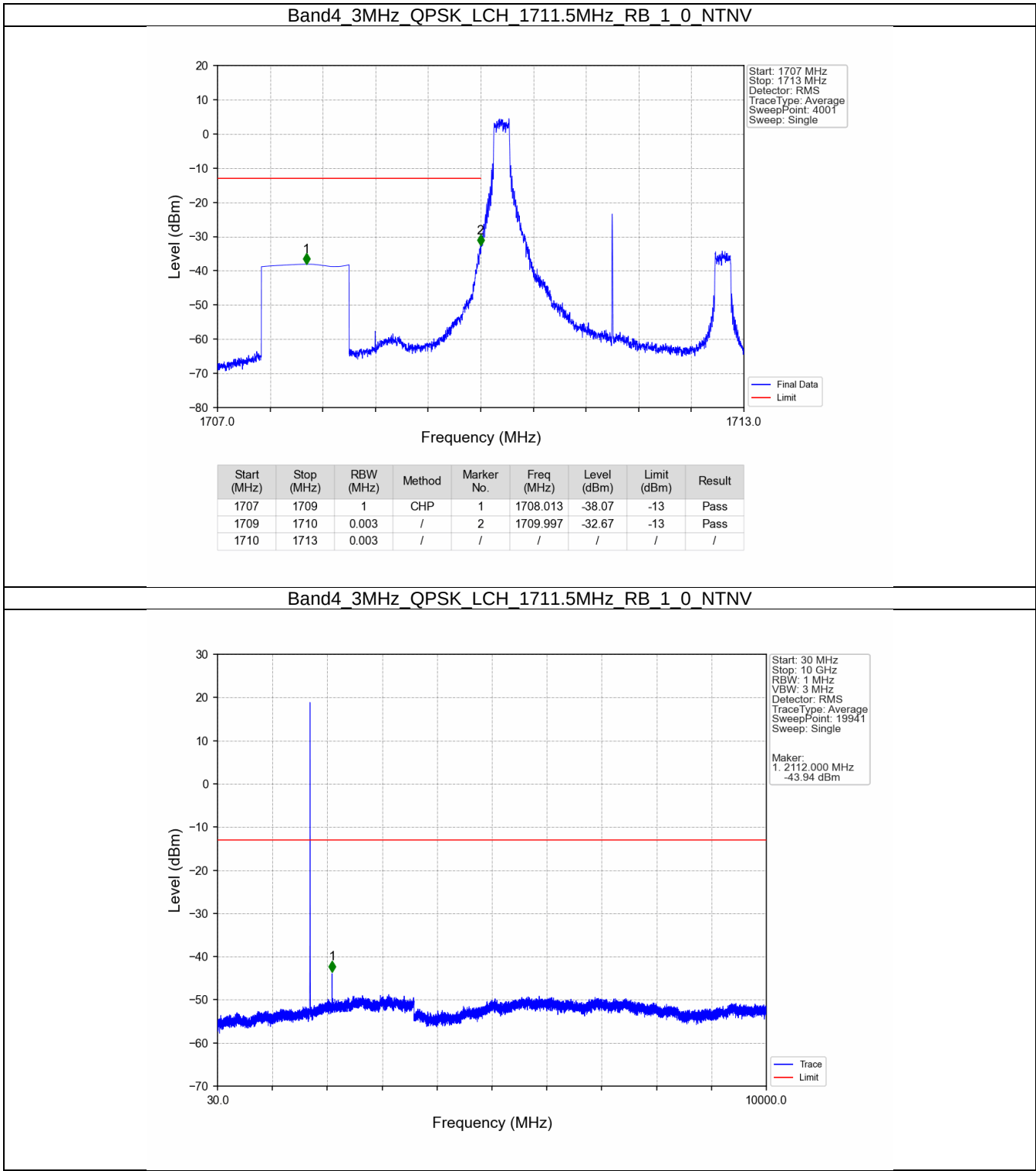
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-31.80	-13	Pass
1756	1758	1	CHP	2	1756.500	-38.44	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV

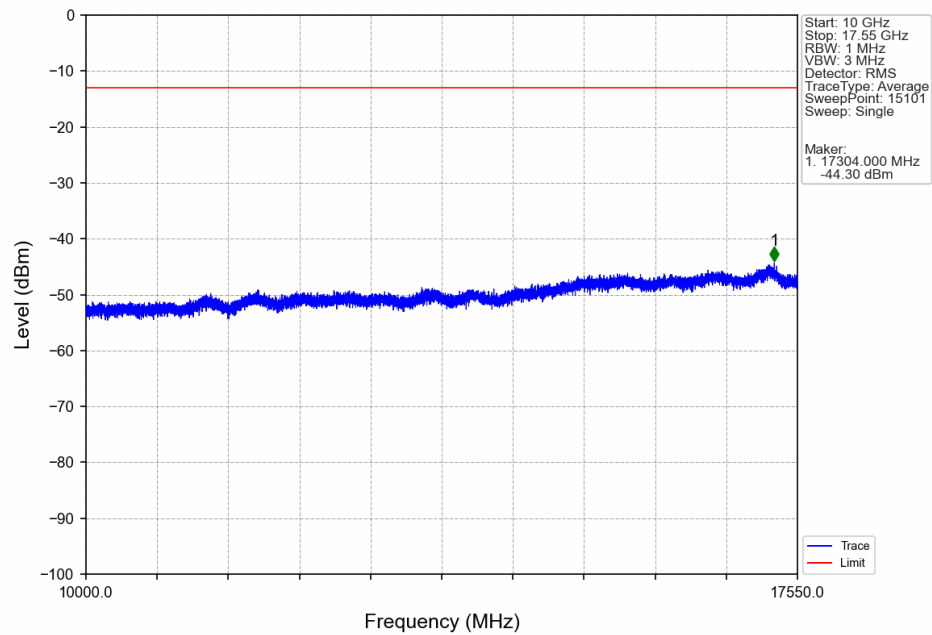


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-32.30	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.54	-13	Pass

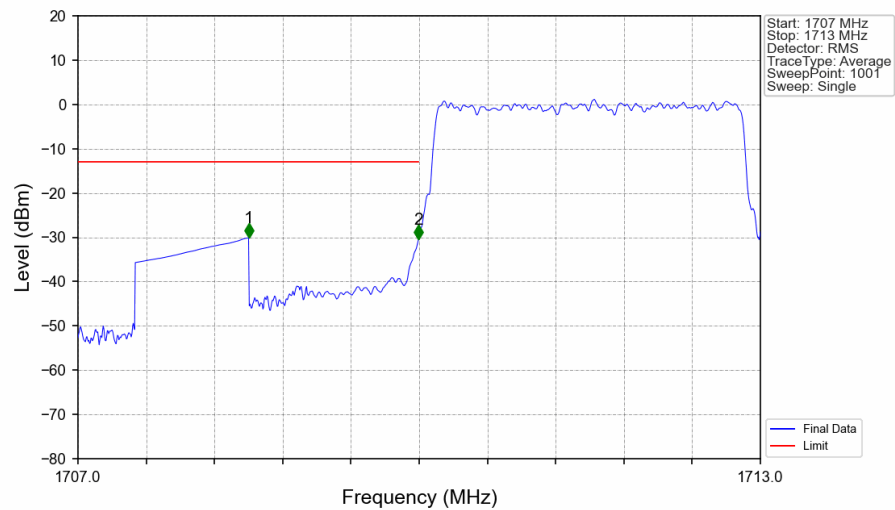
5.2.2 B4_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV

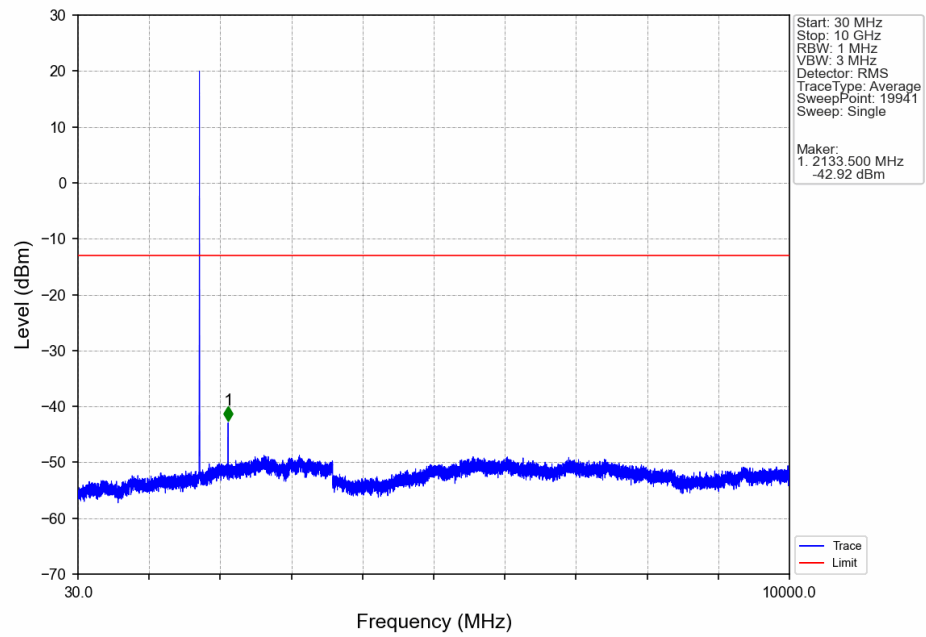


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV

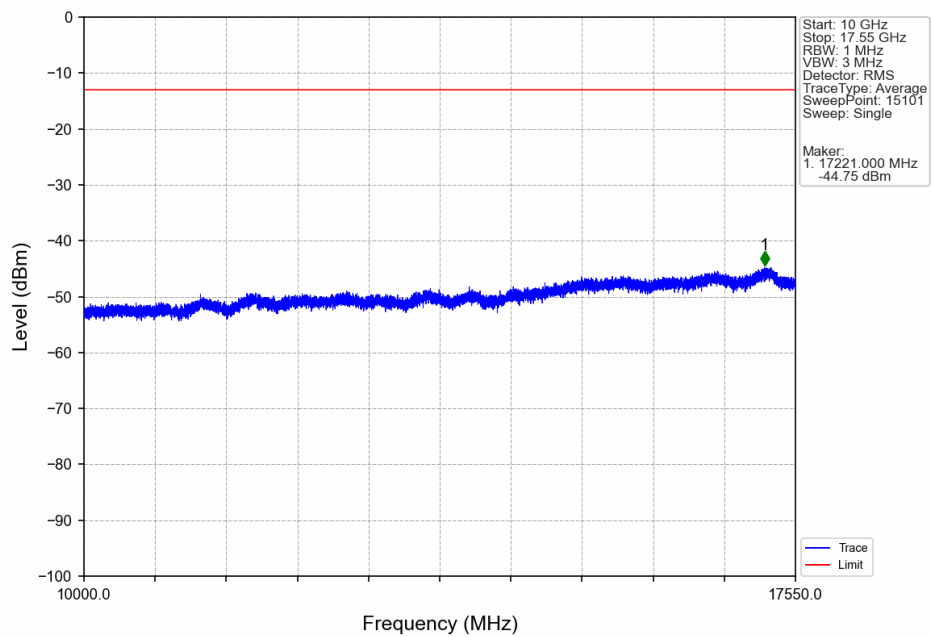


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-30.12	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-30.43	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

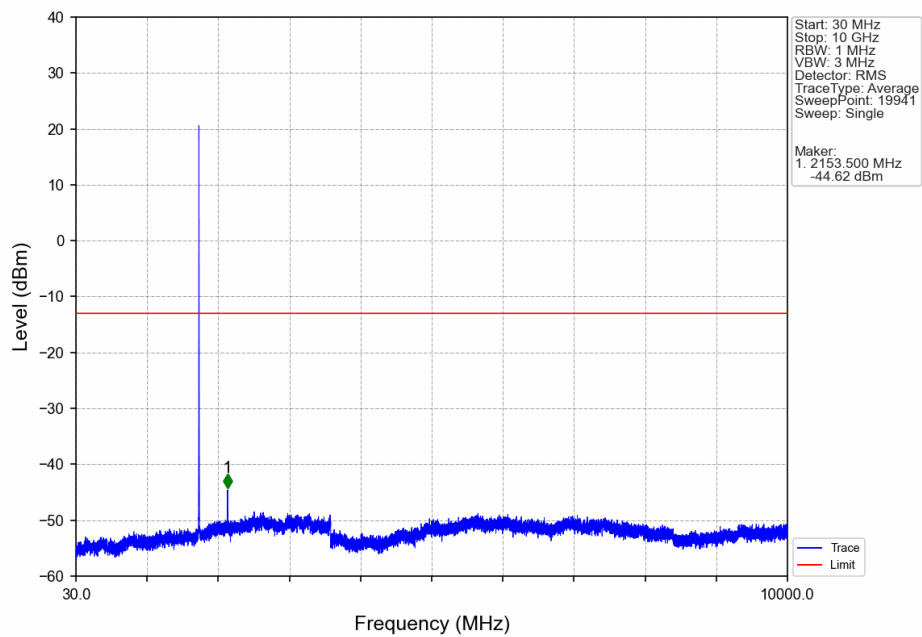
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



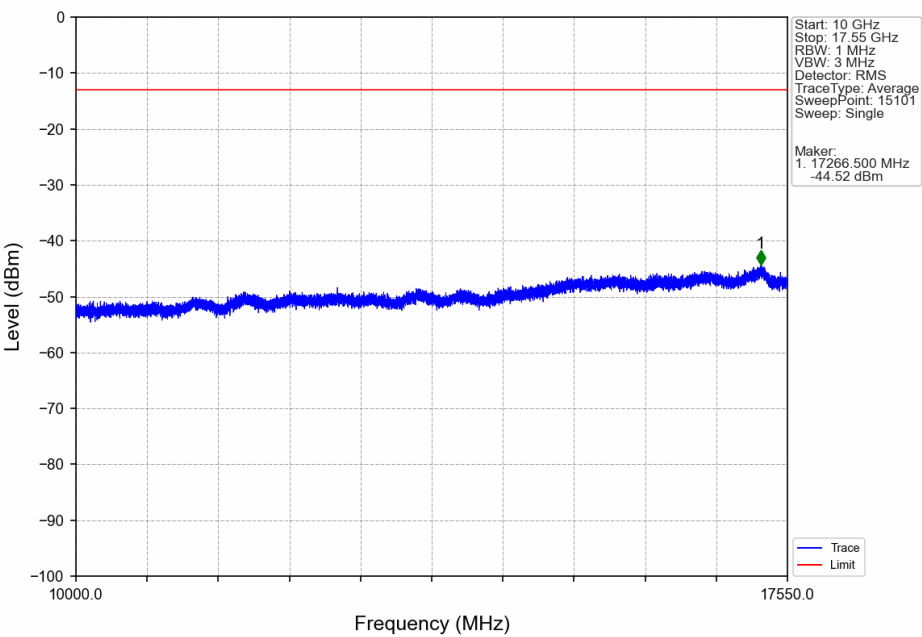
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



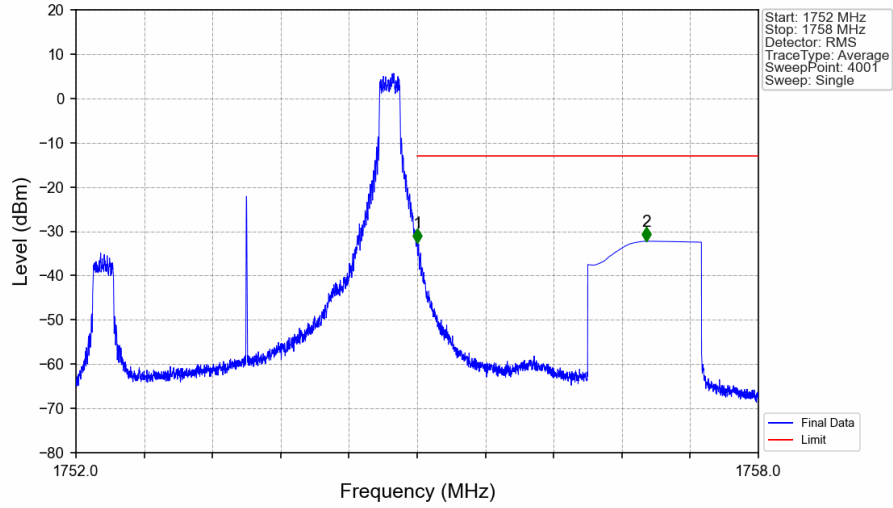
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTNV



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTNV

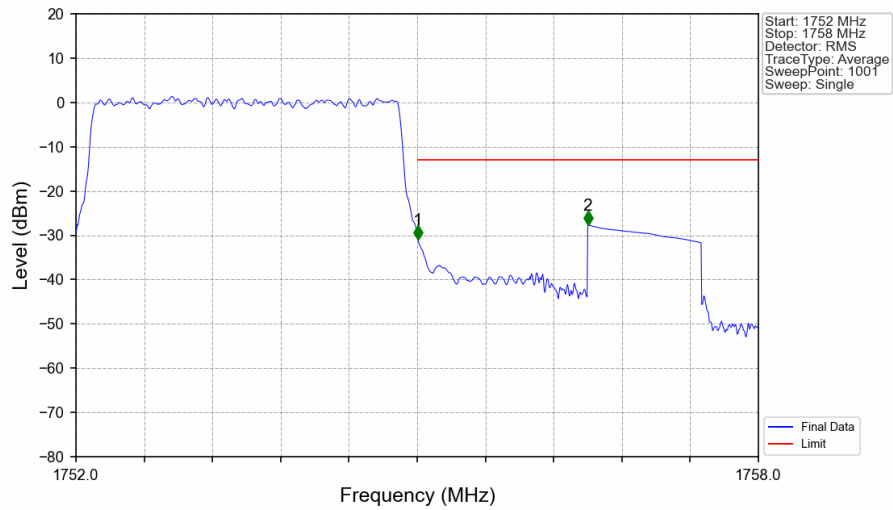


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



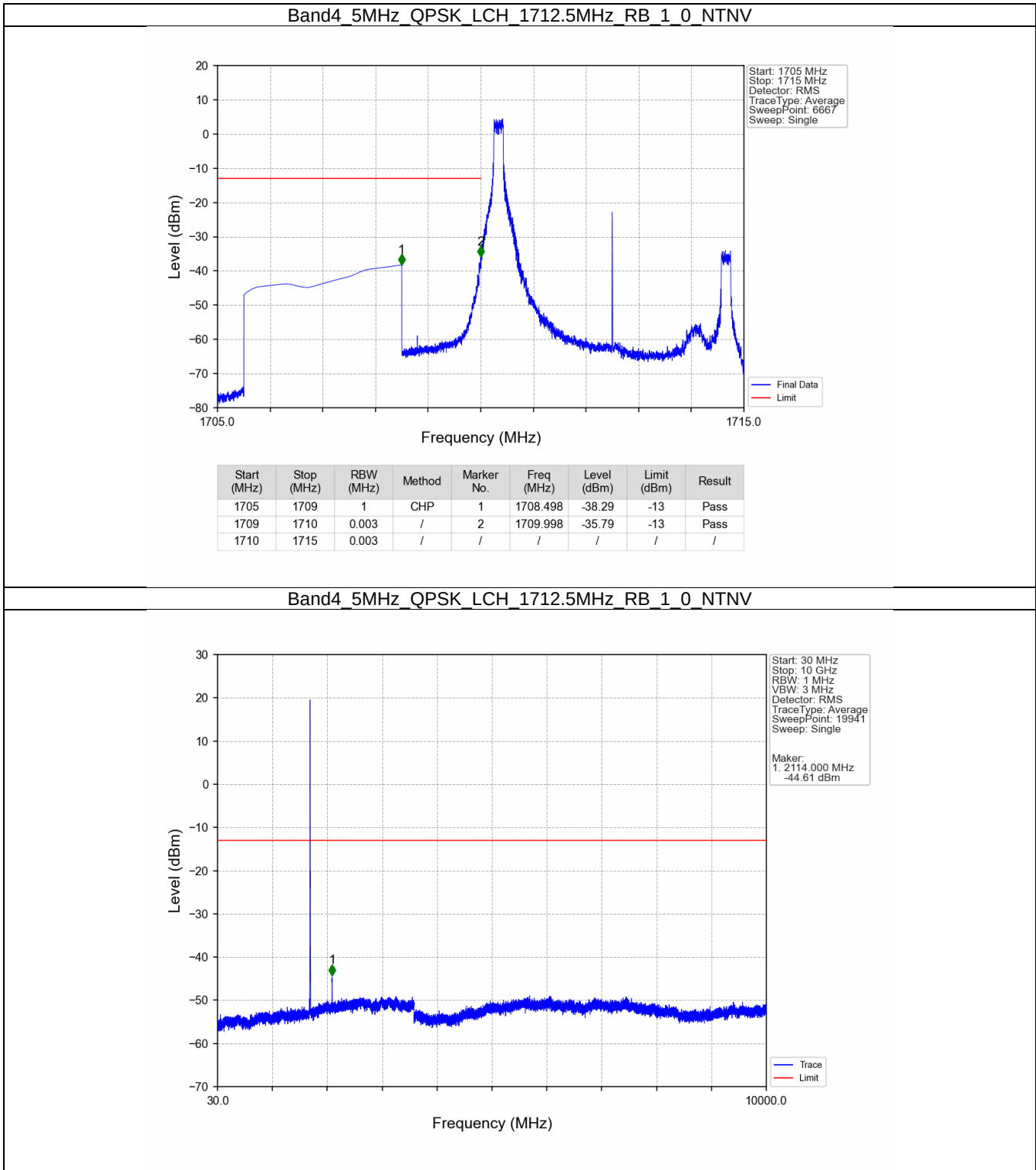
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-32.67	-13	Pass
1756	1758	1	CHP	2	1757.014	-32.25	-13	Pass

Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV

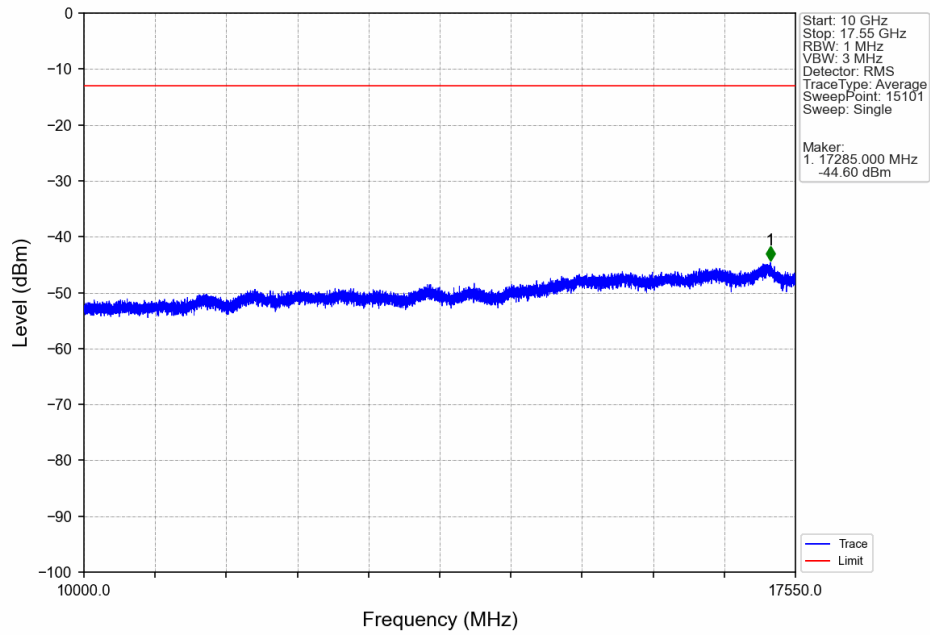


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-30.92	-13	Pass
1756	1758	1	CHP	2	1756.500	-27.70	-13	Pass

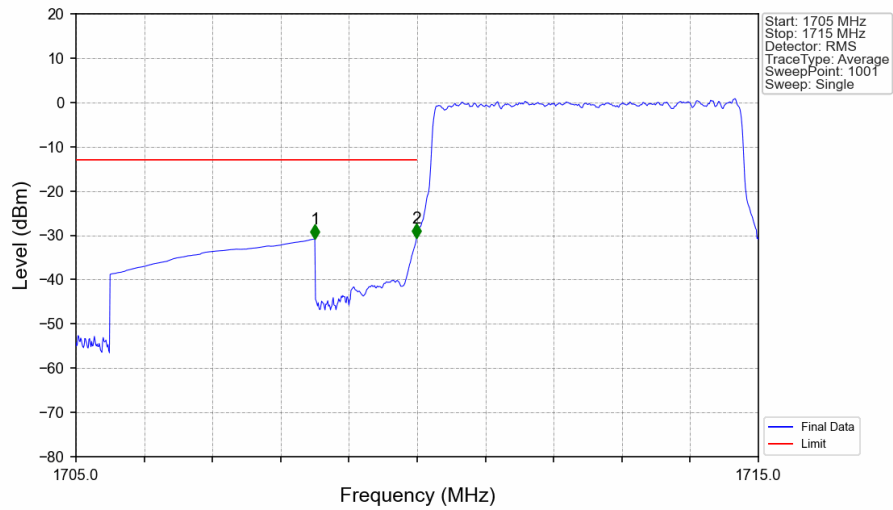
5.2.3 B4_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV

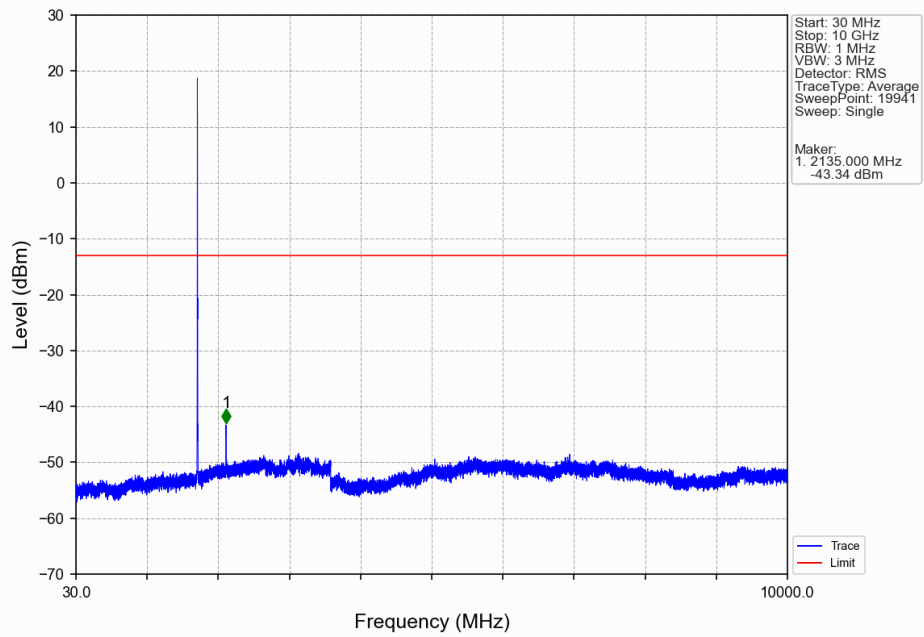


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

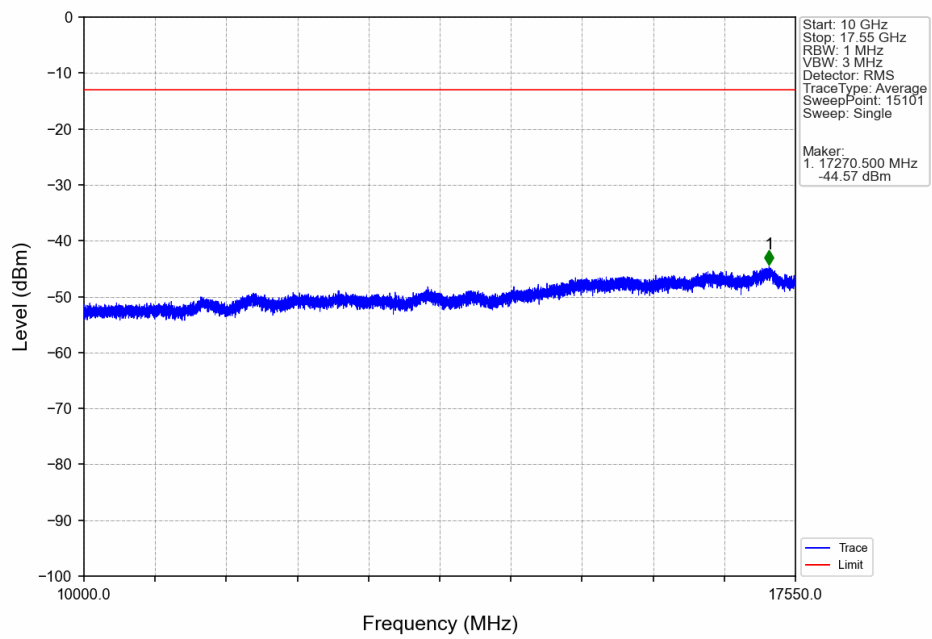


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-30.82	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-30.62	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

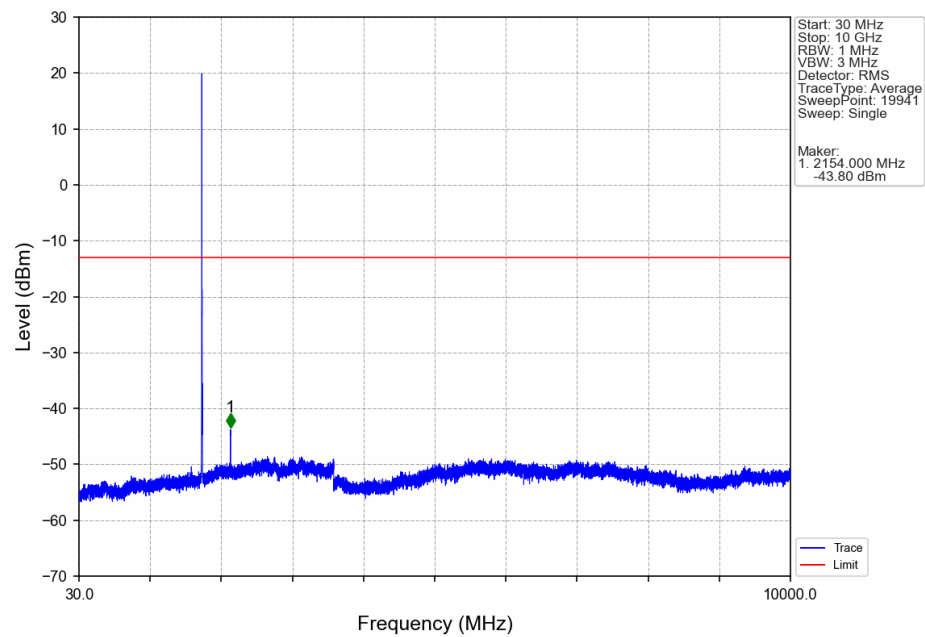
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



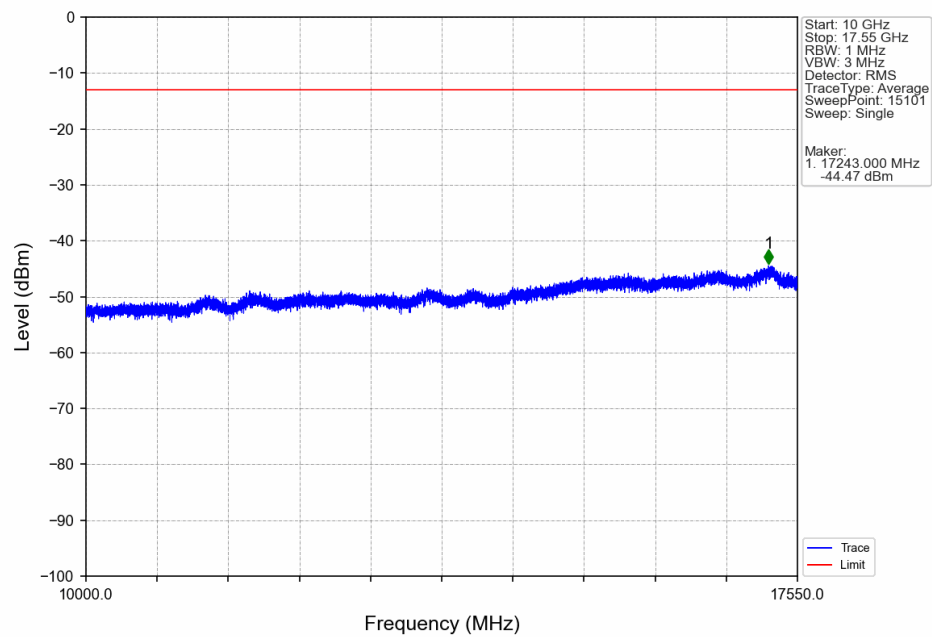
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



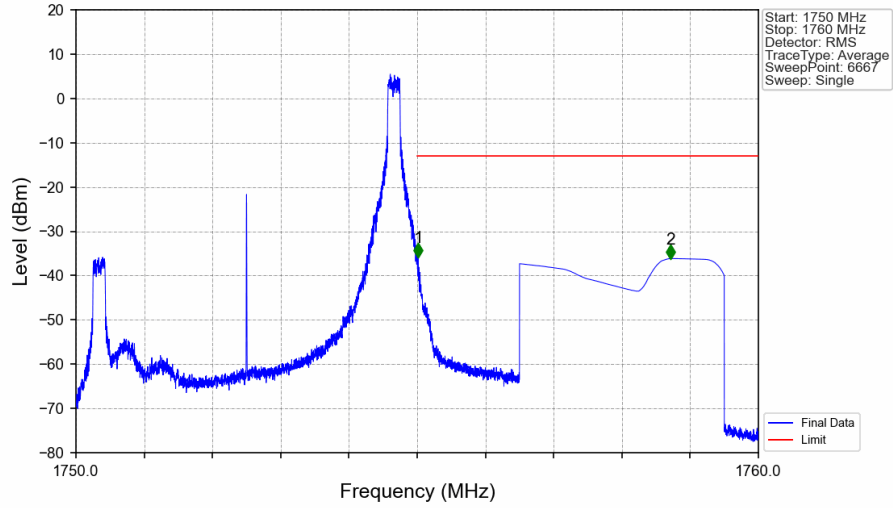
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN

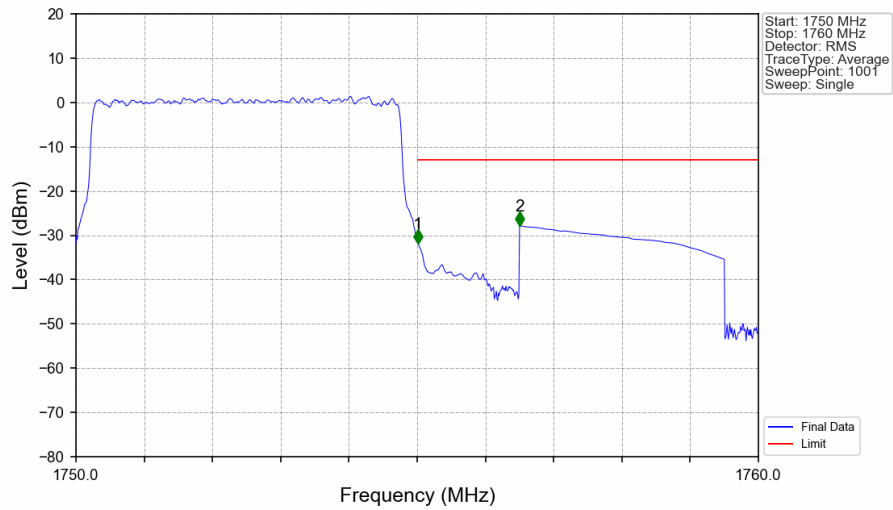


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



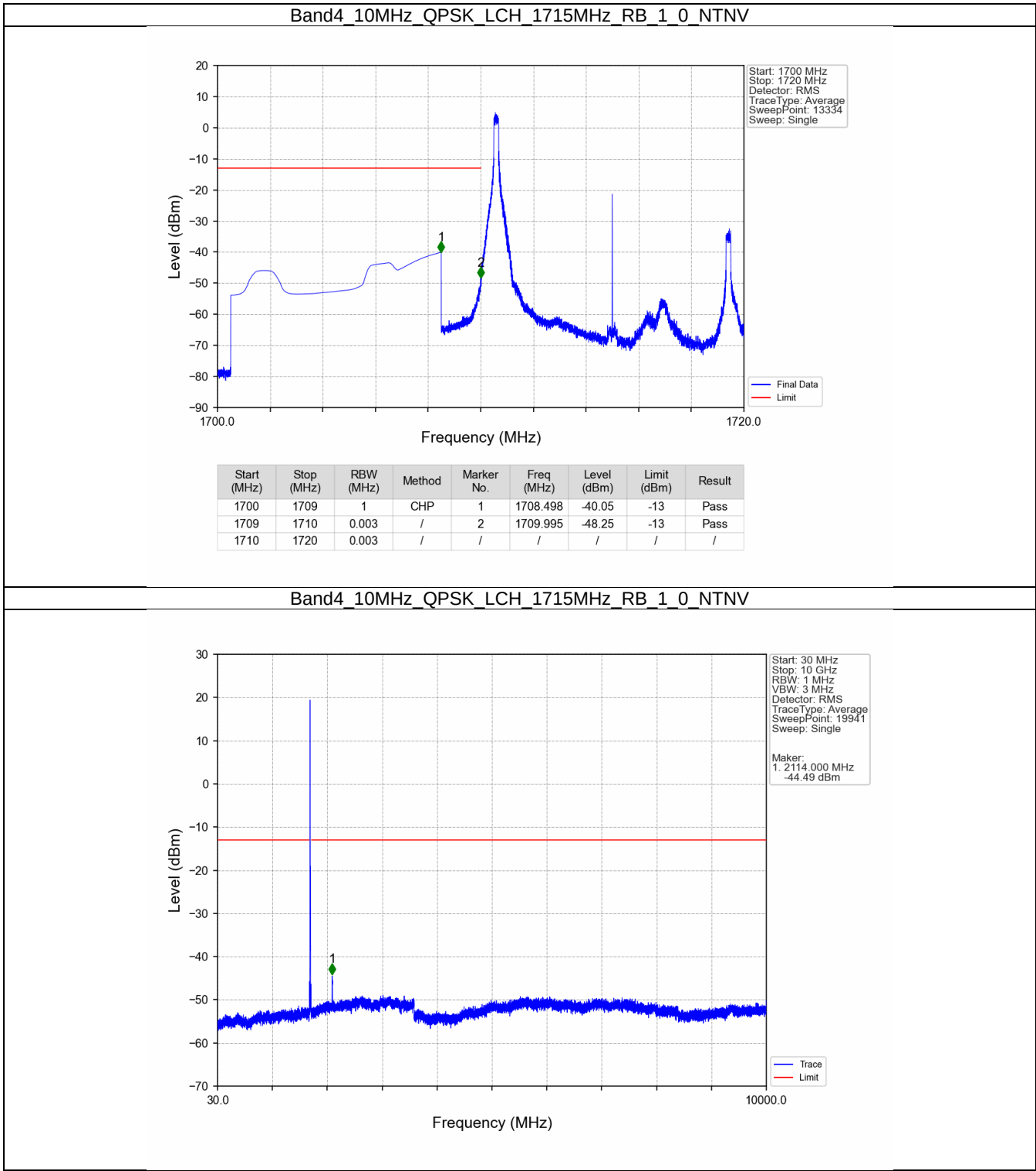
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.015	-35.91	-13	Pass
1756	1760	1	CHP	2	1758.710	-36.17	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV

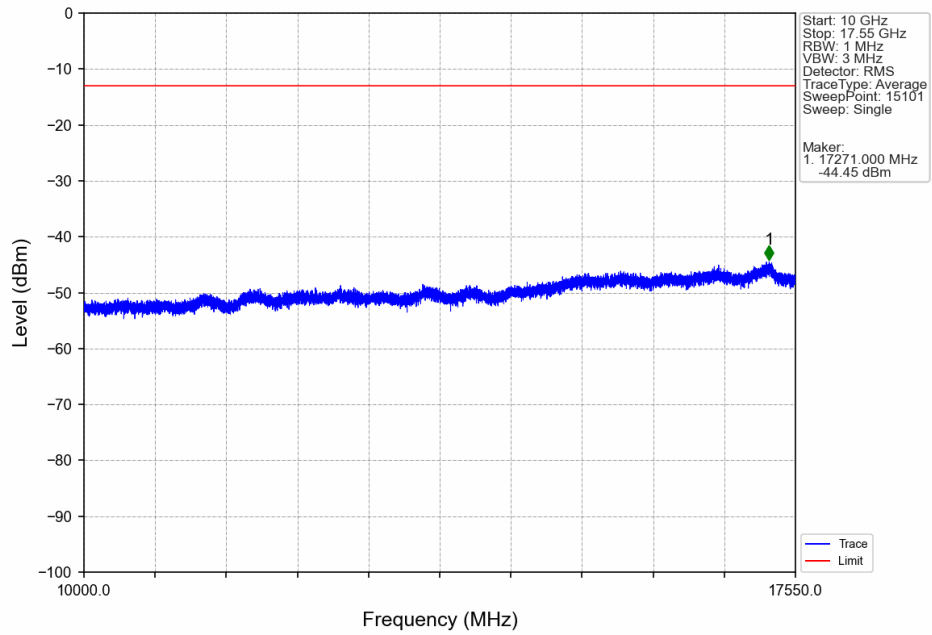


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	CHP	/	/	/	/	/
1755	1756	0.051	CHP	1	1755.010	-31.86	-13	Pass
1756	1760	1	CHP	2	1756.500	-27.79	-13	Pass

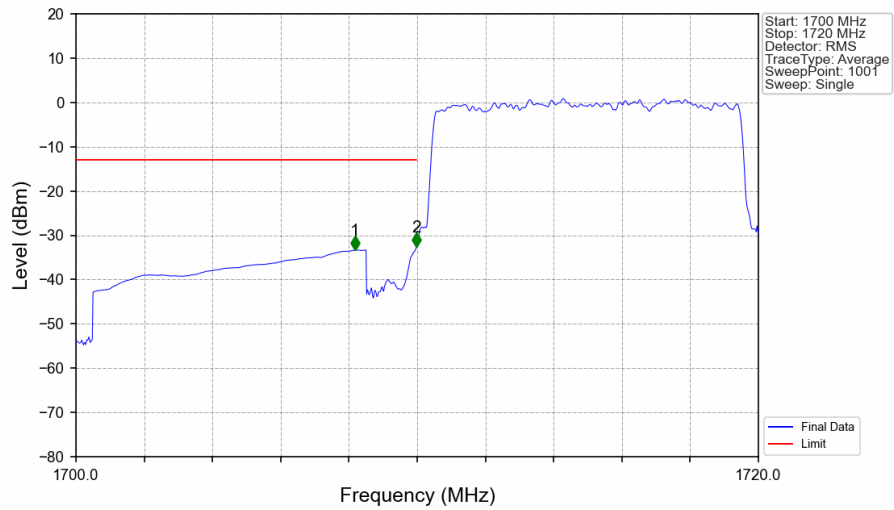
5.2.4 B4_10MHz



Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

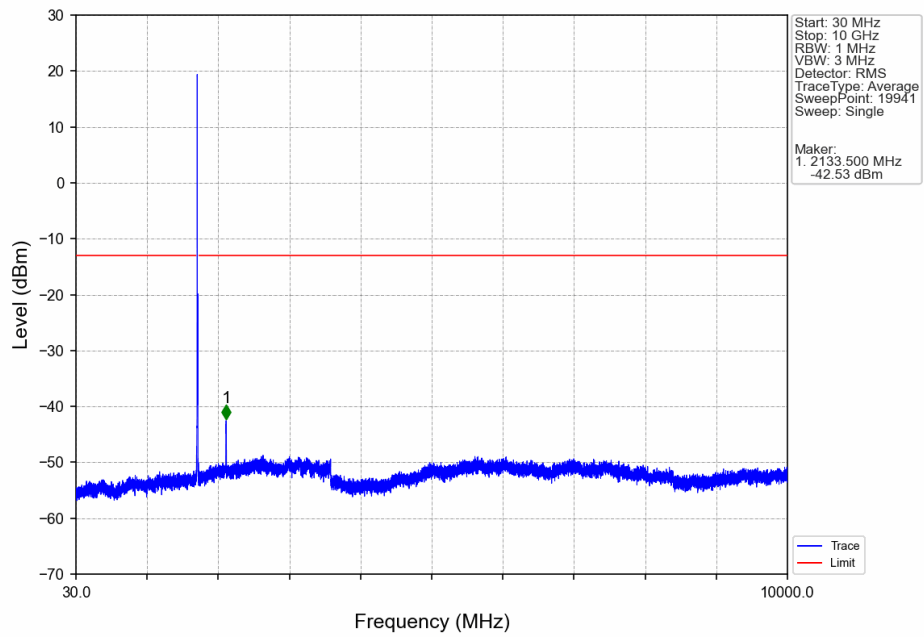


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

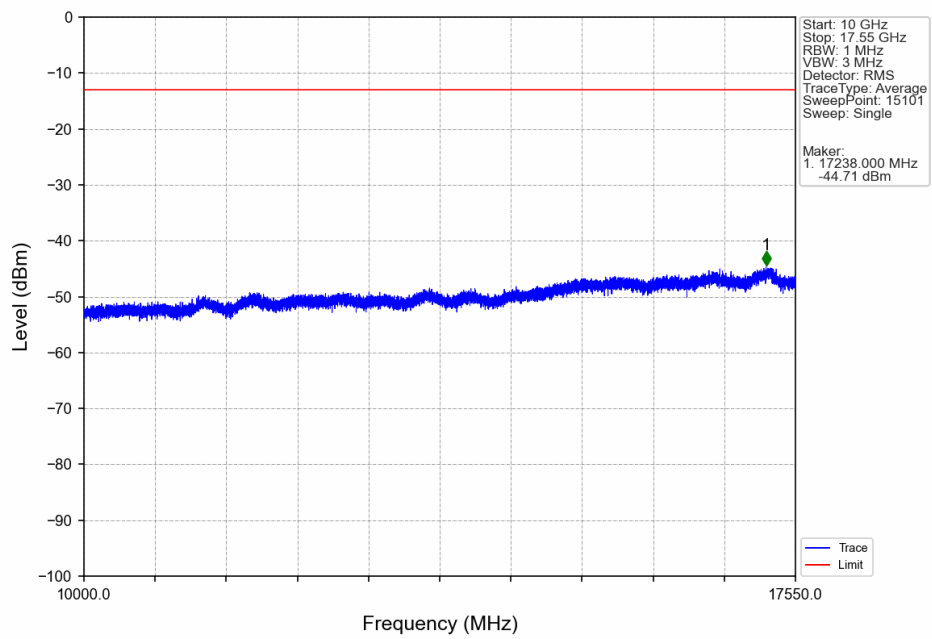


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.180	-33.31	-13	Pass
1709	1710	0.101	CHP	2	1709.980	-32.57	-13	Pass
1710	1720	0.101	CHP	/	/	/	/	/

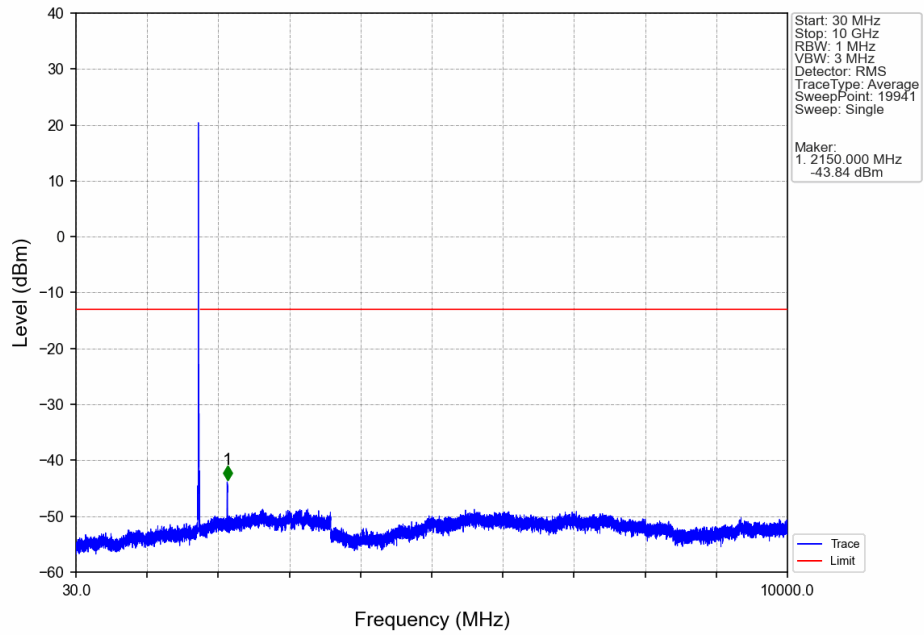
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



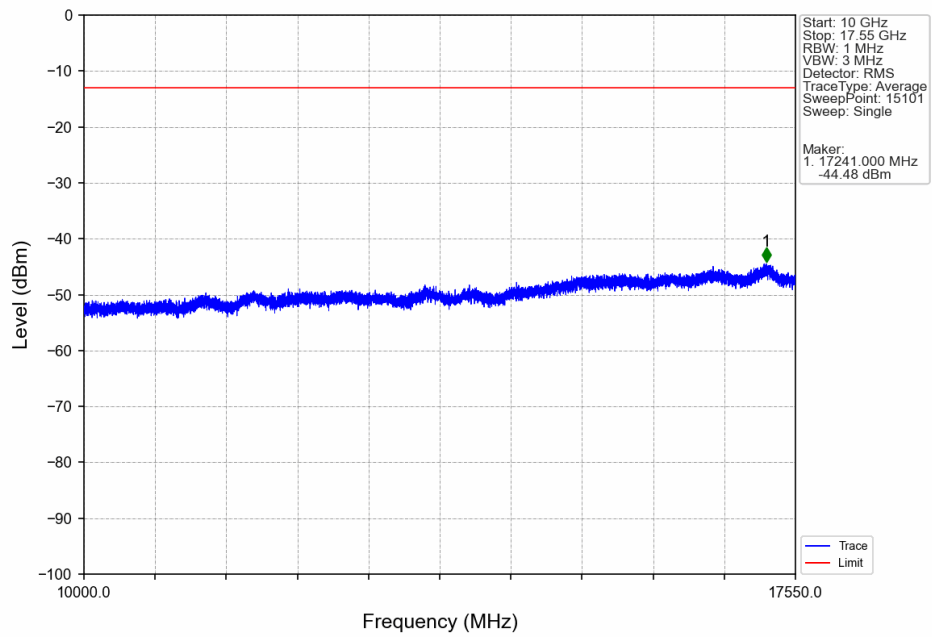
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



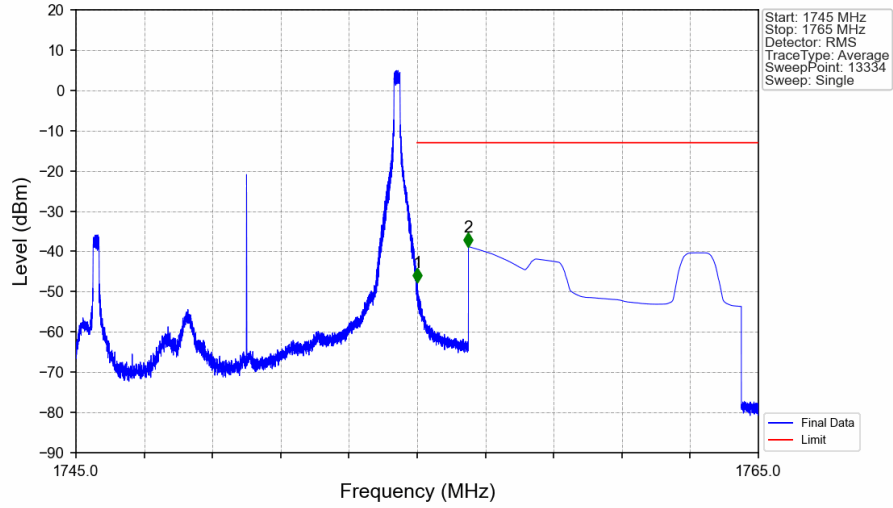
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV



Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTNV

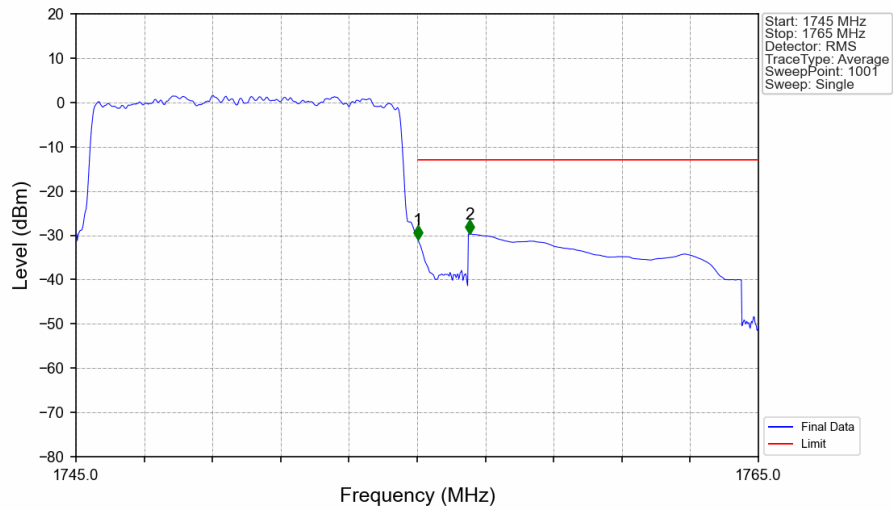


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



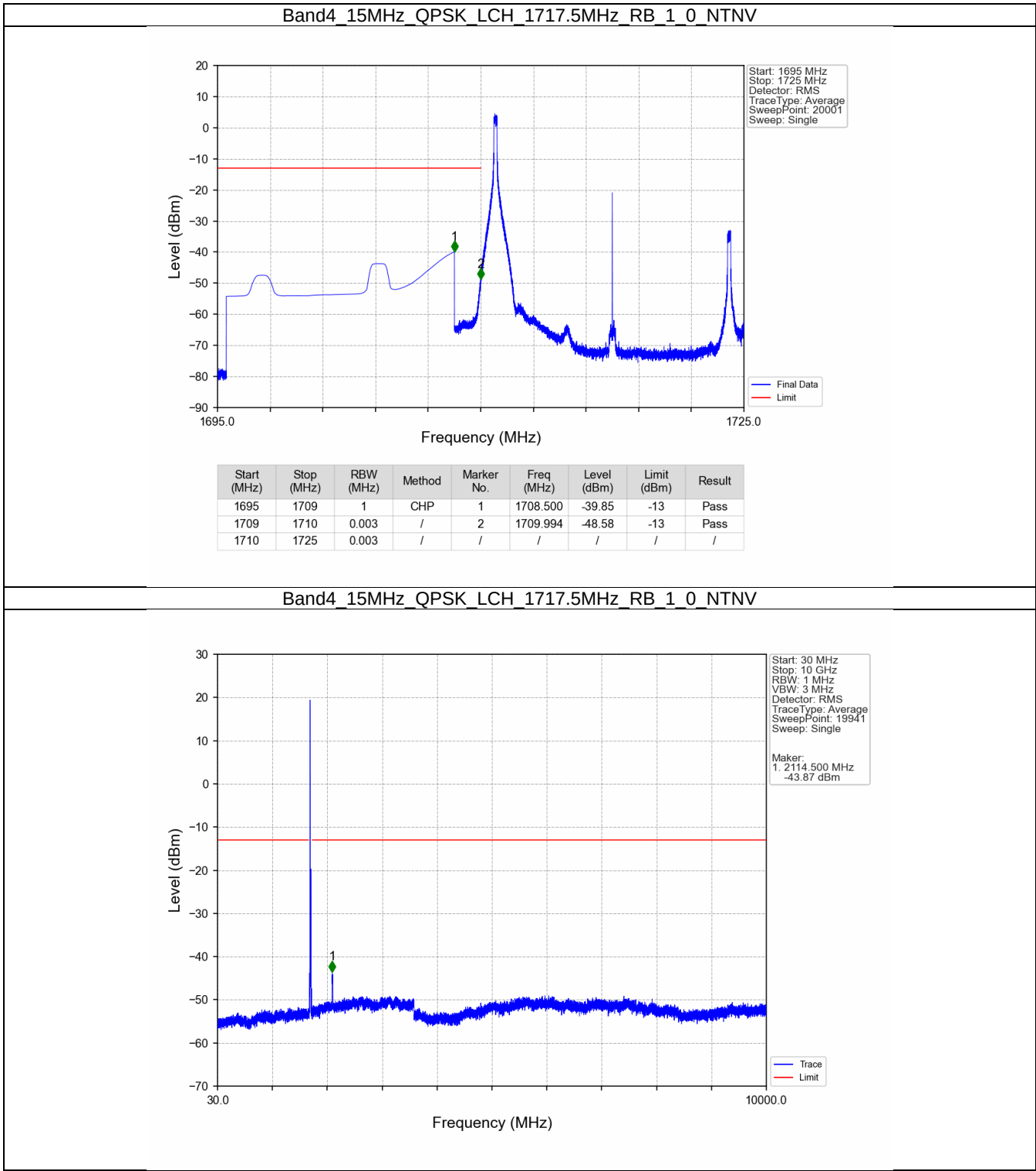
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-47.69	-13	Pass
1756	1765	1	CHP	2	1756.501	-38.83	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV

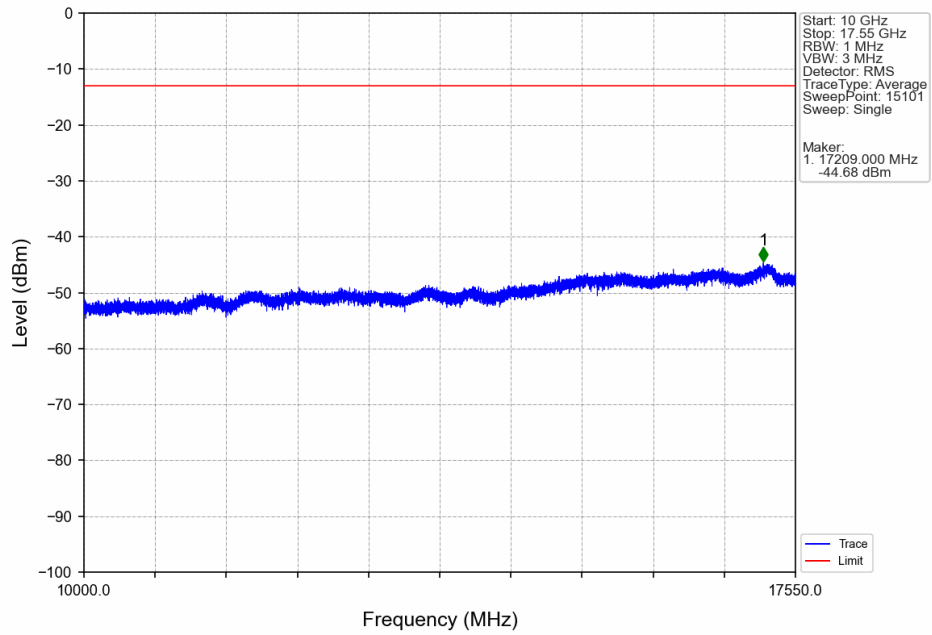


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.101	CHP	/	/	/	/	/
1755	1756	0.101	CHP	1	1755.020	-30.88	-13	Pass
1756	1765	1	CHP	2	1756.540	-29.71	-13	Pass

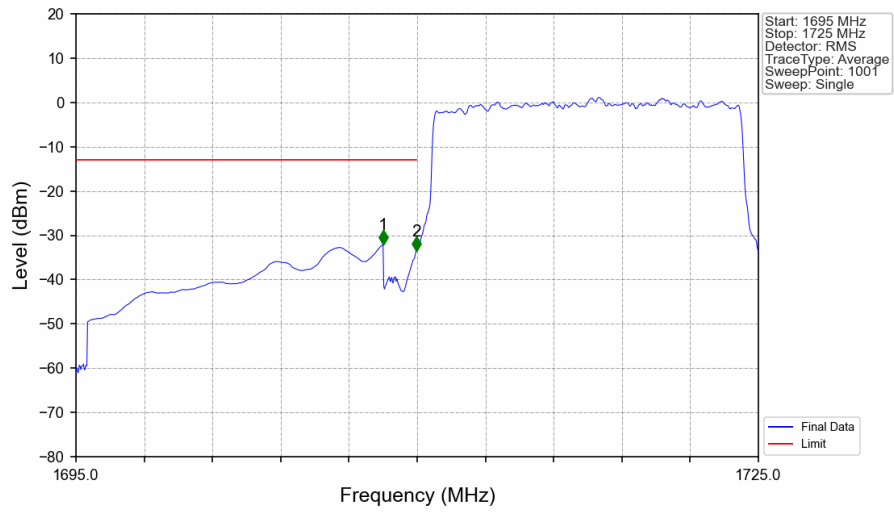
5.2.5 B4_15MHz



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

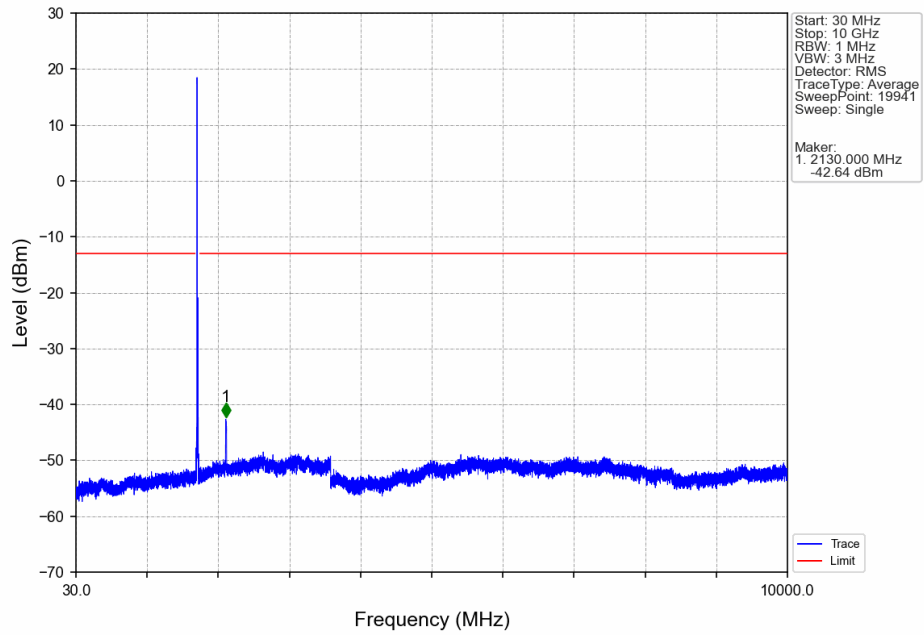


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

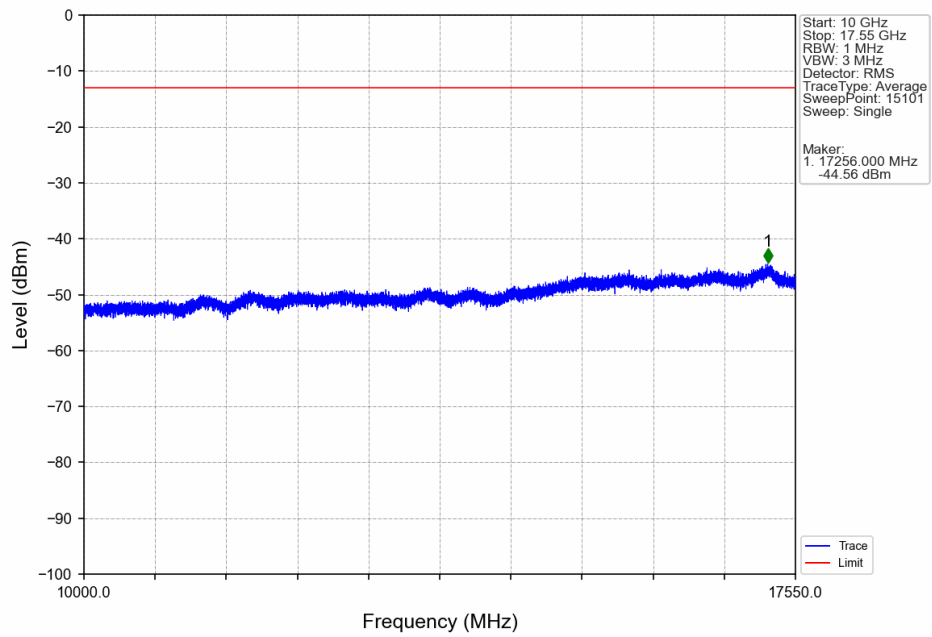


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-31.97	-13	Pass
1709	1710	0.15	CHP	2	1709.970	-33.44	-13	Pass
1710	1725	0.15	CHP	/	/	/	/	/

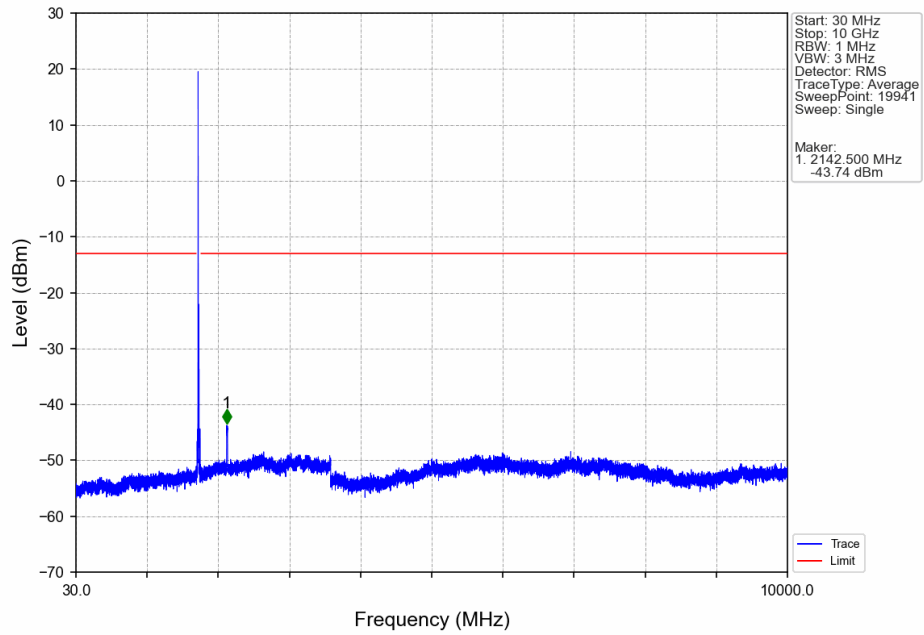
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



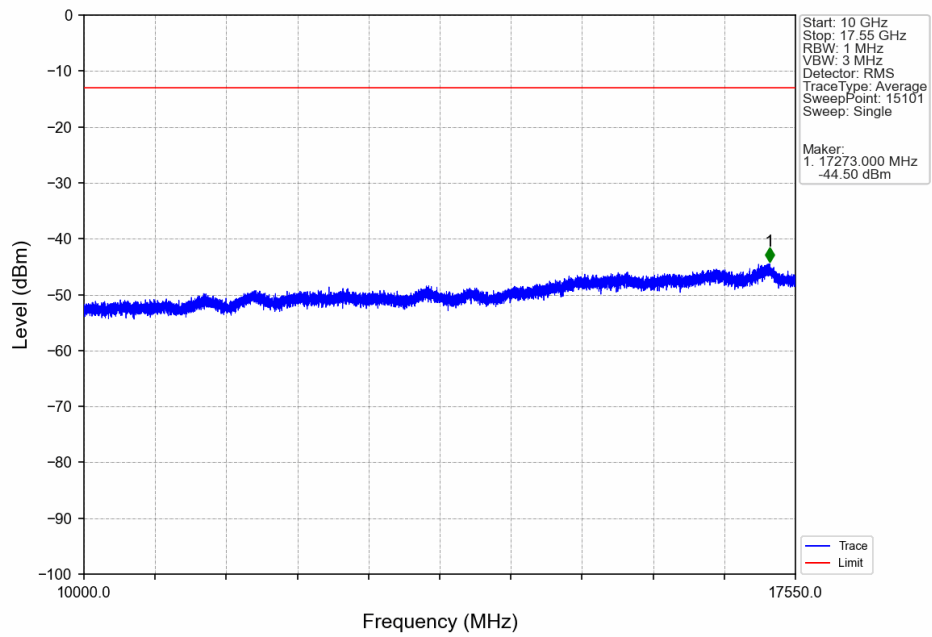
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



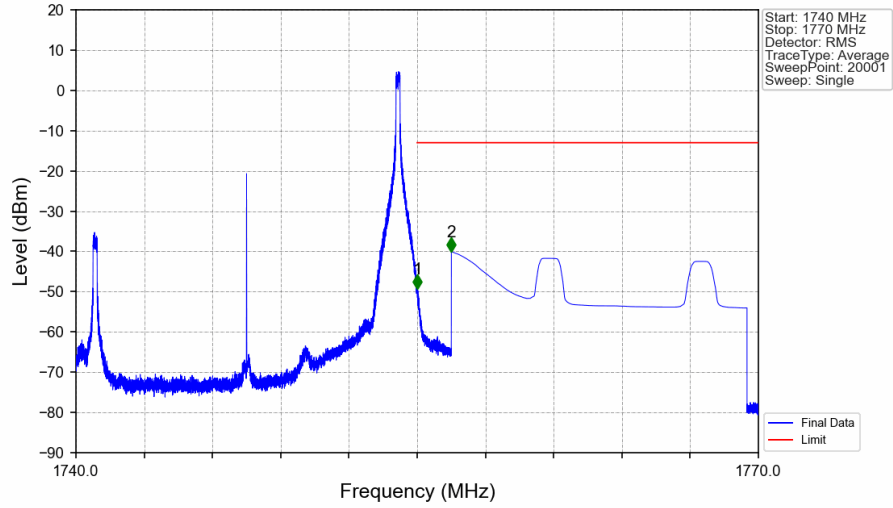
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV



Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTV

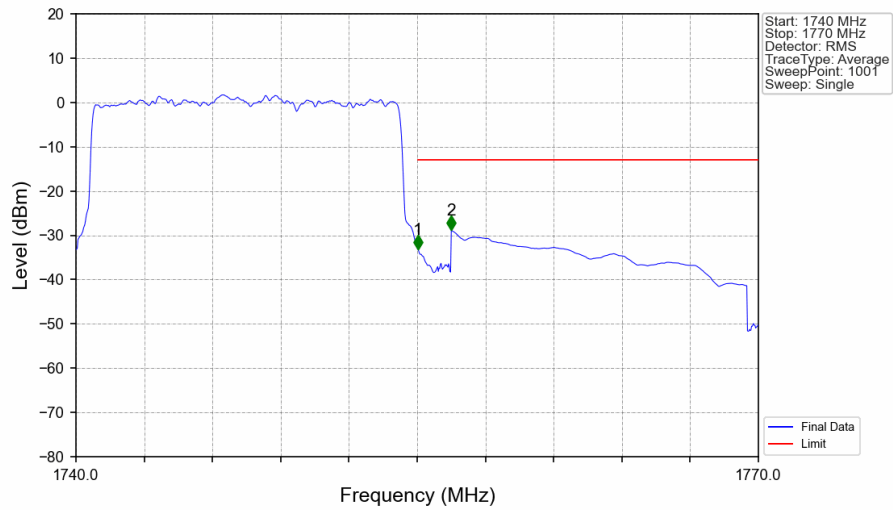


Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTNV



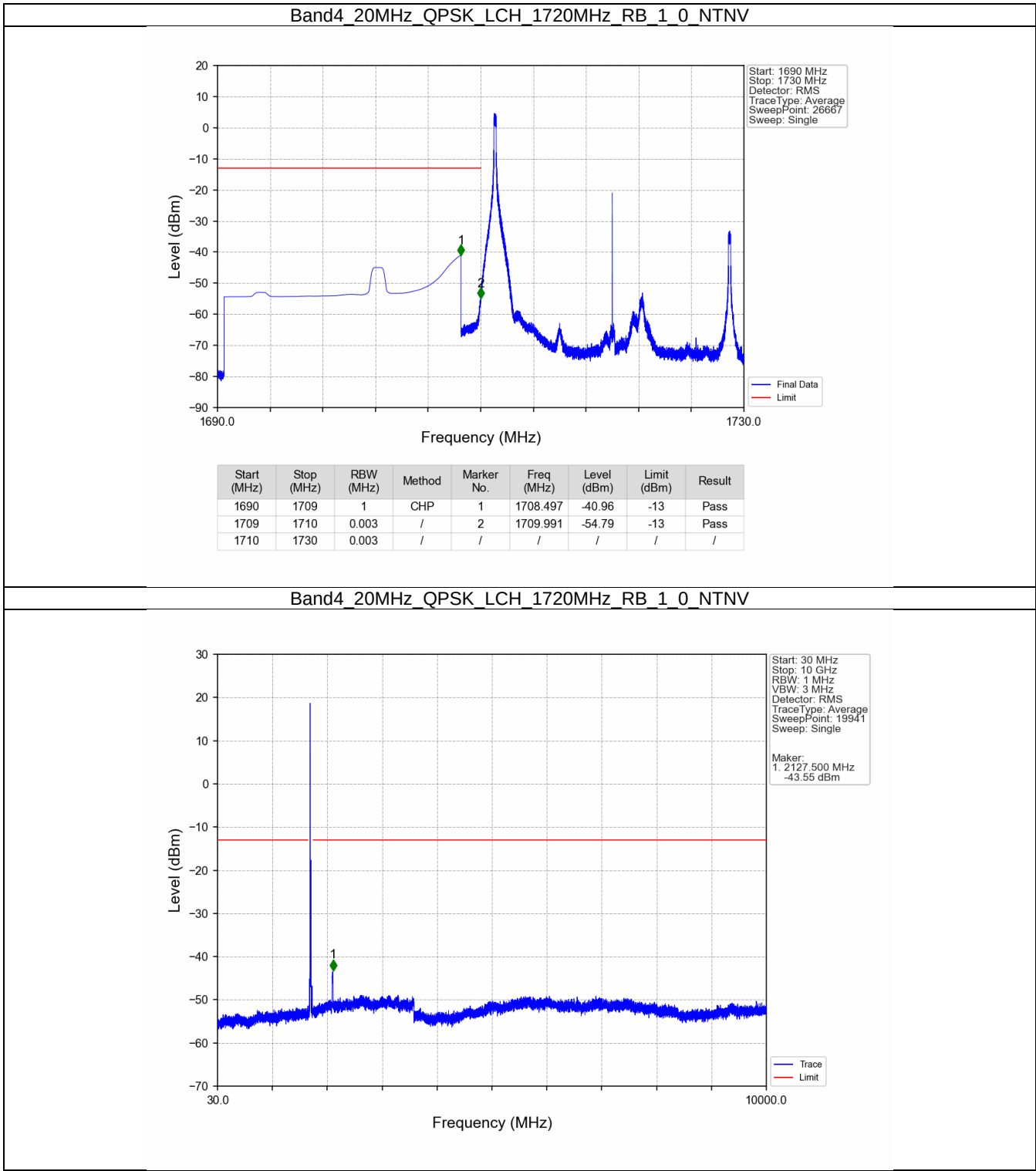
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.014	-49.33	-13	Pass
1756	1770	1	CHP	2	1756.500	-40.03	-13	Pass

Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTNV

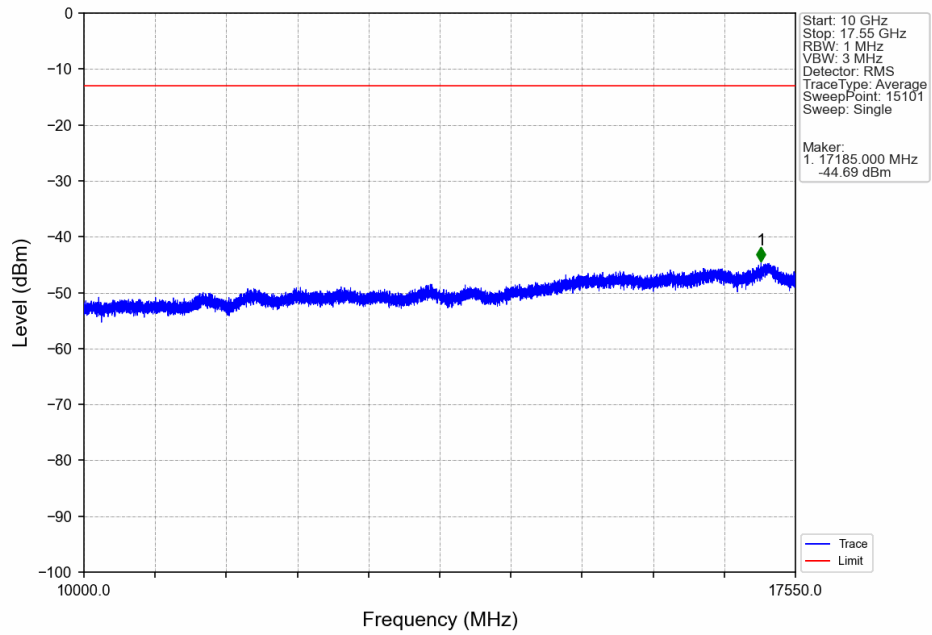


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	CHP	/	/	/	/	/
1755	1756	0.15	CHP	1	1755.030	-33.08	-13	Pass
1756	1770	1	CHP	2	1756.500	-28.80	-13	Pass

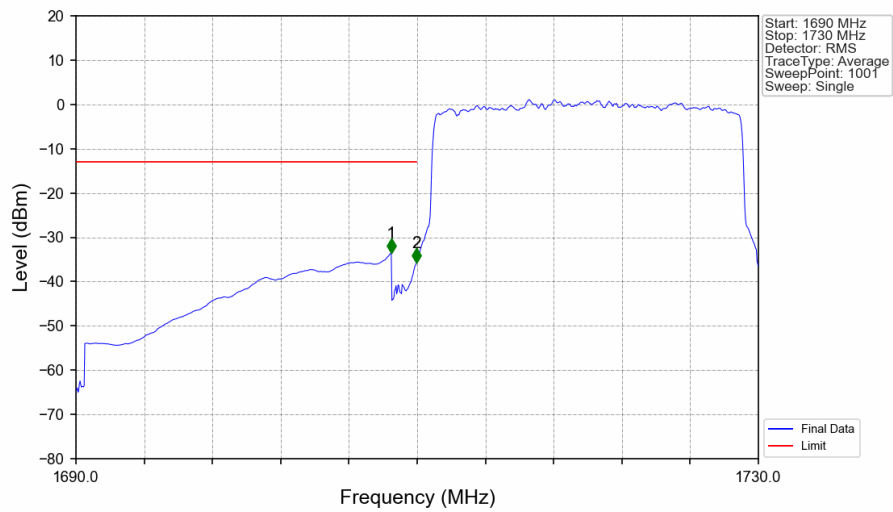
5.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

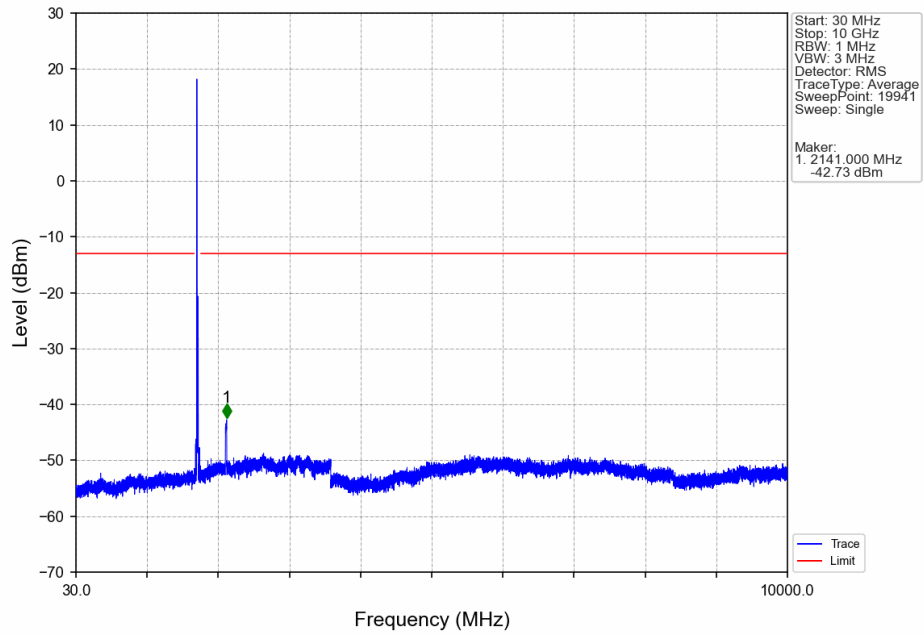


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV

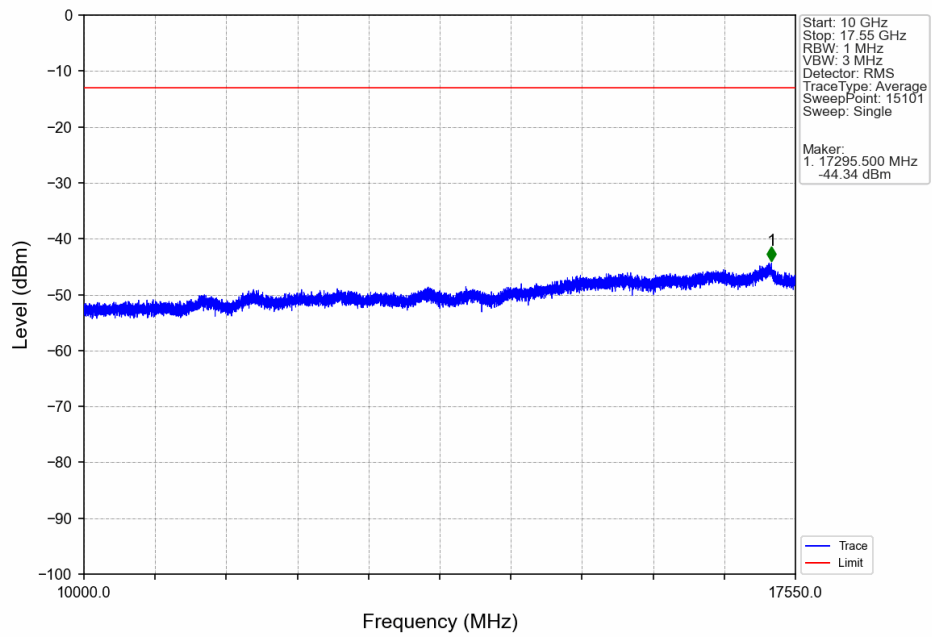


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-33.56	-13	Pass
1709	1710	0.197	CHP	2	1709.960	-35.64	-13	Pass
1710	1730	0.197	CHP	/	/	/	/	/

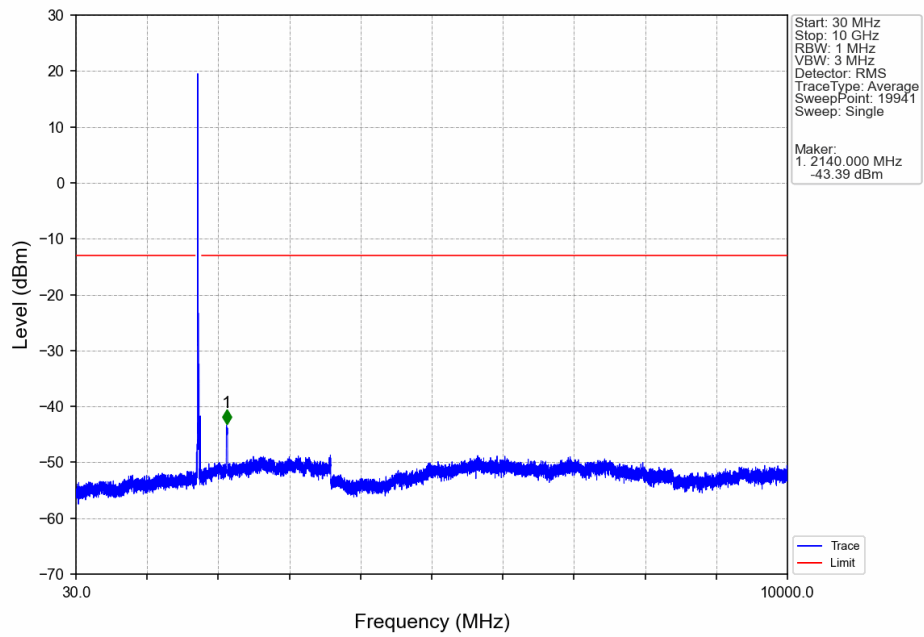
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



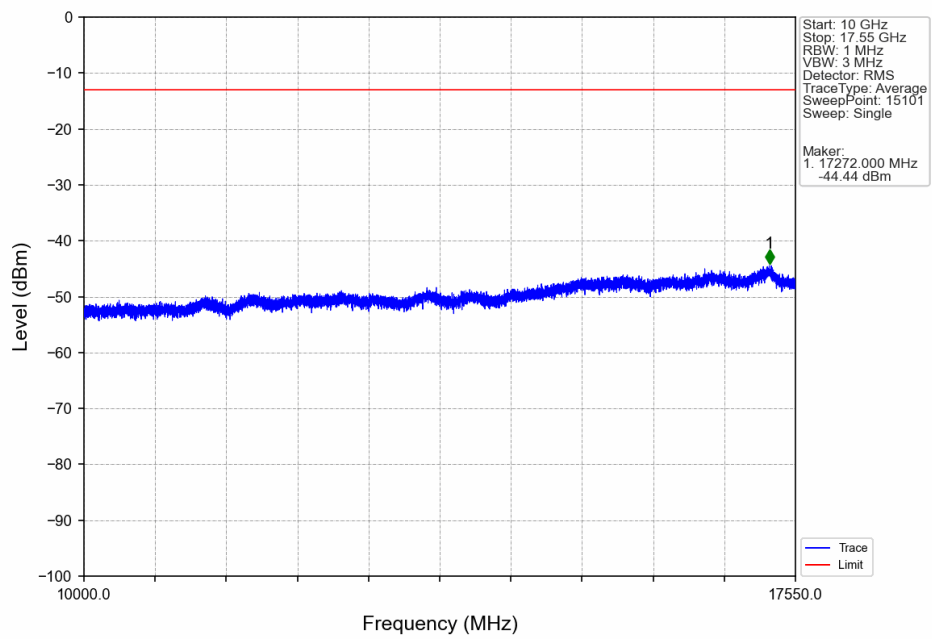
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



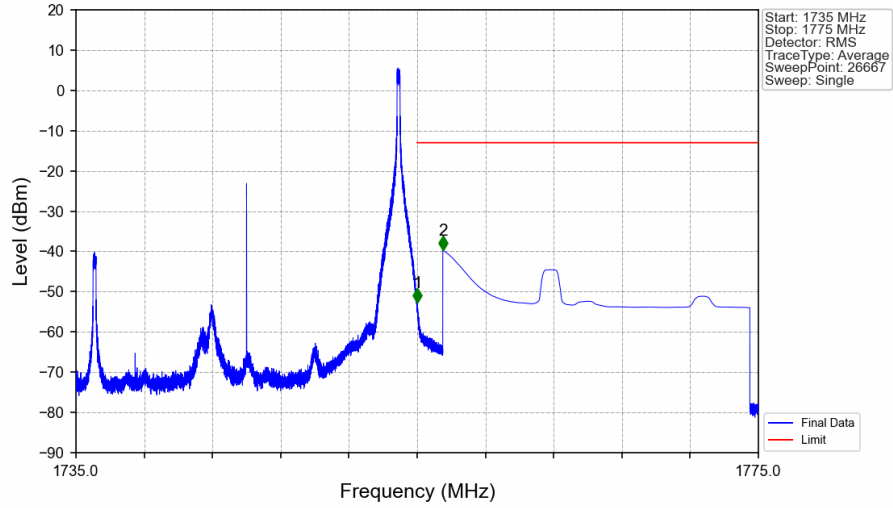
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV



Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTNV

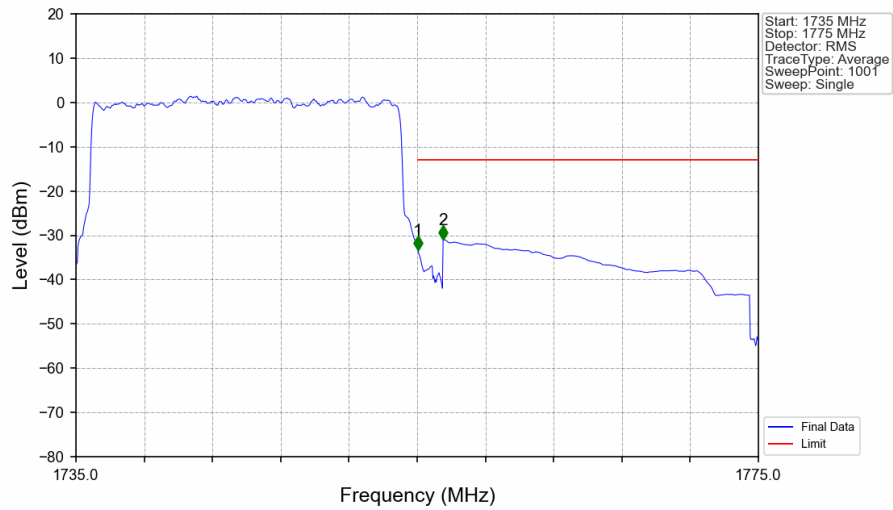


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTN



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	1755.007	-52.71	-13	Pass
1756	1775	1	CHP	2	1756.500	-39.69	-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	0.197	CHP	/	/	/	/	/
1755	1756	0.197	CHP	1	1755.040	-33.34	-13	Pass
1756	1775	1	CHP	2	1756.520	-30.96	-13	Pass