

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.37	0.12	22.49	<=30	Pass
			2	22.62	0.12	22.74	<=30	Pass
			5	21.67	0.12	21.79	<=30	Pass
		3	0	22.37	0.12	22.49	<=30	Pass
			2	22.60	0.12	22.72	<=30	Pass
			3	22.11	0.12	22.23	<=30	Pass
		6	0	21.18	0.12	21.30	<=30	Pass
	1732.5	1	0	23.42	0.12	23.54	<=30	Pass
			2	23.84	0.12	23.96	<=30	Pass
			5	23.01	0.12	23.13	<=30	Pass
		3	0	23.53	0.12	23.65	<=30	Pass
			2	23.74	0.12	23.86	<=30	Pass
			3	23.40	0.12	23.52	<=30	Pass
		6	0	22.36	0.12	22.48	<=30	Pass
	1754.3	1	0	21.83	0.12	21.95	<=30	Pass
			2	22.20	0.12	22.32	<=30	Pass
			5	22.57	0.12	22.69	<=30	Pass
		3	0	22.30	0.12	22.42	<=30	Pass
			2	22.45	0.12	22.57	<=30	Pass
			3	21.62	0.12	21.74	<=30	Pass
		6	0	20.62	0.12	20.74	<=30	Pass
16QAM	1710.7	1	0	21.44	0.12	21.56	<=30	Pass
			2	21.84	0.12	21.96	<=30	Pass
			5	20.82	0.12	20.94	<=30	Pass
		3	0	21.41	0.12	21.53	<=30	Pass
			2	21.59	0.12	21.71	<=30	Pass
			3	21.23	0.12	21.35	<=30	Pass
		6	0	20.07	0.12	20.19	<=30	Pass
	1732.5	1	0	22.16	0.12	22.28	<=30	Pass
			2	22.68	0.12	22.80	<=30	Pass
			5	21.90	0.12	22.02	<=30	Pass
		3	0	22.54	0.12	22.66	<=30	Pass
			2	22.74	0.12	22.86	<=30	Pass
			3	22.40	0.12	22.52	<=30	Pass
		6	0	21.37	0.12	21.49	<=30	Pass
	1754.3	1	0	20.93	0.12	21.05	<=30	Pass
			2	21.12	0.12	21.24	<=30	Pass
			5	21.66	0.12	21.78	<=30	Pass
		3	0	21.47	0.12	21.59	<=30	Pass
			2	21.64	0.12	21.76	<=30	Pass
			3	20.65	0.12	20.77	<=30	Pass
		6	0	19.69	0.12	19.81	<=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	22.15	0.12	22.27	<=30	Pass
			7	22.59	0.12	22.71	<=30	Pass
			14	20.97	0.12	21.09	<=30	Pass
		8	0	21.26	0.12	21.38	<=30	Pass
			4	21.43	0.12	21.55	<=30	Pass
			7	21.10	0.12	21.22	<=30	Pass
		15	0	21.14	0.12	21.26	<=30	Pass
	1732.5	1	0	23.38	0.12	23.50	<=30	Pass
			7	24.01	0.12	24.13	<=30	Pass
			14	22.47	0.12	22.59	<=30	Pass
		8	0	22.41	0.12	22.53	<=30	Pass
			4	22.68	0.12	22.80	<=30	Pass
			7	22.42	0.12	22.54	<=30	Pass
	15	0	22.40	0.12	22.52	<=30	Pass	
	1753.5	1	0	21.62	0.12	21.74	<=30	Pass
			7	22.46	0.12	22.58	<=30	Pass
			14	21.73	0.12	21.85	<=30	Pass
		8	0	20.72	0.12	20.84	<=30	Pass
			4	20.93	0.12	21.05	<=30	Pass
			7	20.62	0.12	20.74	<=30	Pass
		15	0	20.67	0.12	20.79	<=30	Pass
16QAM		1711.5	1	0	21.73	0.12	21.85	<=30
	7			22.21	0.12	22.33	<=30	Pass
	14			20.40	0.12	20.52	<=30	Pass
	8		0	20.22	0.12	20.34	<=30	Pass
			4	20.45	0.12	20.57	<=30	Pass
			7	20.16	0.12	20.28	<=30	Pass
	15		0	20.09	0.12	20.21	<=30	Pass
	1732.5	1	0	22.58	0.12	22.70	<=30	Pass
			7	23.05	0.12	23.17	<=30	Pass
			14	21.46	0.12	21.58	<=30	Pass
		8	0	21.47	0.12	21.59	<=30	Pass
			4	21.74	0.12	21.86	<=30	Pass
	7		21.49	0.12	21.61	<=30	Pass	
	15	0	21.43	0.12	21.55	<=30	Pass	
	1753.5	1	0	20.64	0.12	20.76	<=30	Pass
			7	21.19	0.12	21.31	<=30	Pass
			14	20.76	0.12	20.88	<=30	Pass
		8	0	19.98	0.12	20.10	<=30	Pass
4			20.05	0.12	20.17	<=30	Pass	
7			19.74	0.12	19.86	<=30	Pass	
15		0	19.78	0.12	19.90	<=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	22.38	0.12	22.50	<=30	Pass
			13	21.92	0.12	22.04	<=30	Pass
			24	21.52	0.12	21.64	<=30	Pass
		12	0	21.14	0.12	21.26	<=30	Pass
			6	21.04	0.12	21.16	<=30	Pass
			13	21.35	0.12	21.47	<=30	Pass
		25	0	21.07	0.12	21.19	<=30	Pass
	1732.5	1	0	23.45	0.12	23.57	<=30	Pass
			13	23.46	0.12	23.58	<=30	Pass
			24	22.62	0.12	22.74	<=30	Pass
		12	0	22.61	0.12	22.73	<=30	Pass
			6	22.63	0.12	22.75	<=30	Pass
			13	22.60	0.12	22.72	<=30	Pass
		25	0	22.59	0.12	22.71	<=30	Pass
	1752.5	1	0	22.15	0.12	22.27	<=30	Pass
			13	21.90	0.12	22.02	<=30	Pass
			24	22.41	0.12	22.53	<=30	Pass
		12	0	20.76	0.12	20.88	<=30	Pass
			6	20.66	0.12	20.78	<=30	Pass
			13	21.40	0.12	21.52	<=30	Pass
		25	0	20.72	0.12	20.84	<=30	Pass
16QAM	1712.5	1	0	21.22	0.12	21.34	<=30	Pass
			13	20.83	0.12	20.95	<=30	Pass
			24	20.46	0.12	20.58	<=30	Pass
		12	0	20.25	0.12	20.37	<=30	Pass
			6	20.15	0.12	20.27	<=30	Pass
			13	20.38	0.12	20.50	<=30	Pass
		25	0	20.20	0.12	20.32	<=30	Pass
	1732.5	1	0	22.82	0.12	22.94	<=30	Pass
			13	22.77	0.12	22.89	<=30	Pass
			24	22.03	0.12	22.15	<=30	Pass
		12	0	21.50	0.12	21.62	<=30	Pass
			6	21.54	0.12	21.66	<=30	Pass
	13	21.52	0.12	21.64	<=30	Pass		
	25	0	21.44	0.12	21.56	<=30	Pass	
	1752.5	1	0	21.43	0.12	21.55	<=30	Pass
			13	21.08	0.12	21.20	<=30	Pass
			24	21.63	0.12	21.75	<=30	Pass
		12	0	19.85	0.12	19.97	<=30	Pass
6			19.74	0.12	19.86	<=30	Pass	
13		20.29	0.12	20.41	<=30	Pass		
25	0	19.85	0.12	19.97	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1715	1	0	21.98	0.12	22.10	<=30	Pass	
			25	21.90	0.12	22.02	<=30	Pass	
			49	22.26	0.12	22.38	<=30	Pass	
		25	0	21.22	0.12	21.34	<=30	Pass	
			13	21.10	0.12	21.22	<=30	Pass	
			25	21.73	0.12	21.85	<=30	Pass	
		50	0	21.37	0.12	21.49	<=30	Pass	
		1732.5	1	0	23.93	0.12	24.05	<=30	Pass
				25	23.96	0.12	24.08	<=30	Pass
	49			23.62	0.12	23.74	<=30	Pass	
	25		0	23.11	0.12	23.23	<=30	Pass	
			13	23.22	0.12	23.34	<=30	Pass	
			25	23.14	0.12	23.26	<=30	Pass	
	50	0	23.12	0.12	23.24	<=30	Pass		
	1750	1	0	22.89	0.12	23.01	<=30	Pass	
			25	22.56	0.12	22.68	<=30	Pass	
			49	22.73	0.12	22.85	<=30	Pass	
		25	0	21.61	0.12	21.73	<=30	Pass	
			13	21.30	0.12	21.42	<=30	Pass	
			25	21.75	0.12	21.87	<=30	Pass	
		50	0	21.65	0.12	21.77	<=30	Pass	
16QAM		1715	1	0	21.87	0.12	21.99	<=30	Pass
				25	21.74	0.12	21.86	<=30	Pass
	49			21.99	0.12	22.11	<=30	Pass	
	12		0	21.58	0.12	21.70	<=30	Pass	
			19	21.42	0.12	21.54	<=30	Pass	
			38	22.14	0.12	22.26	<=30	Pass	
	27		0	20.56	0.12	20.68	<=30	Pass	
	1732.5	1	0	23.19	0.12	23.31	<=30	Pass	
			25	23.33	0.12	23.45	<=30	Pass	
			49	23.00	0.12	23.12	<=30	Pass	
		12	0	22.94	0.12	23.06	<=30	Pass	
			19	23.20	0.12	23.32	<=30	Pass	
			38	22.99	0.12	23.11	<=30	Pass	
	27	0	21.95	0.12	22.07	<=30	Pass		
	1750	1	0	21.96	0.12	22.08	<=30	Pass	
			25	21.58	0.12	21.70	<=30	Pass	
			49	21.79	0.12	21.91	<=30	Pass	
		12	0	21.79	0.12	21.91	<=30	Pass	
			19	21.69	0.12	21.81	<=30	Pass	
			38	21.58	0.12	21.70	<=30	Pass	
		27	23	20.88	0.12	21.00	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.55	0.12	22.67	<=30	Pass
			38	22.61	0.12	22.73	<=30	Pass
			74	23.22	0.12	23.34	<=30	Pass
		36	0	21.72	0.12	21.84	<=30	Pass
			18	21.92	0.12	22.04	<=30	Pass
			39	22.59	0.12	22.71	<=30	Pass
		75	0	22.10	0.12	22.22	<=30	Pass
	1732.5	1	0	23.78	0.12	23.90	<=30	Pass
			38	24.22	0.12	24.34	<=30	Pass
			74	23.49	0.12	23.61	<=30	Pass
		36	0	23.38	0.12	23.50	<=30	Pass
			18	23.64	0.12	23.76	<=30	Pass
			39	23.28	0.12	23.40	<=30	Pass
		75	0	23.25	0.12	23.37	<=30	Pass
	1747.5	1	0	23.98	0.12	24.10	<=30	Pass
			38	22.86	0.12	22.98	<=30	Pass
			74	23.11	0.12	23.23	<=30	Pass
		36	0	22.69	0.12	22.81	<=30	Pass
			18	22.35	0.12	22.47	<=30	Pass
			39	22.64	0.12	22.76	<=30	Pass
		75	0	22.18	0.12	22.30	<=30	Pass
16QAM	1717.5	1	0	22.23	0.12	22.35	<=30	Pass
			38	22.30	0.12	22.42	<=30	Pass
			74	22.85	0.12	22.97	<=30	Pass
		12	0	22.13	0.12	22.25	<=30	Pass
			31	22.03	0.12	22.15	<=30	Pass
			63	22.58	0.12	22.70	<=30	Pass
		27	0	21.05	0.12	21.17	<=30	Pass
	1732.5	1	0	23.01	0.12	23.13	<=30	Pass
			38	23.52	0.12	23.64	<=30	Pass
			74	22.87	0.12	22.99	<=30	Pass
		12	0	23.07	0.12	23.19	<=30	Pass
			31	23.48	0.12	23.60	<=30	Pass
			63	23.27	0.12	23.39	<=30	Pass
		27	0	22.47	0.12	22.59	<=30	Pass
	1747.5	1	0	23.32	0.12	23.44	<=30	Pass
			38	22.27	0.12	22.39	<=30	Pass
			74	22.51	0.12	22.63	<=30	Pass
		12	0	22.88	0.12	23.00	<=30	Pass
			31	22.12	0.12	22.24	<=30	Pass
			63	22.94	0.12	23.06	<=30	Pass
		27	48	21.56	0.12	21.68	<=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	23.07	0.12	23.19	<=30	Pass
			50	23.35	0.12	23.47	<=30	Pass
			99	23.91	0.12	24.03	<=30	Pass
		50	0	22.16	0.12	22.28	<=30	Pass
			25	22.64	0.12	22.76	<=30	Pass
			50	22.96	0.12	23.08	<=30	Pass
		100	0	22.48	0.12	22.60	<=30	Pass
	1732.5	1	0	23.74	0.12	23.86	<=30	Pass
			50	24.63	0.12	24.75	<=30	Pass
			99	23.32	0.12	23.44	<=30	Pass
		50	0	23.81	0.12	23.93	<=30	Pass
			25	24.19	0.12	24.31	<=30	Pass
			50	23.57	0.12	23.69	<=30	Pass
		100	0	23.34	0.12	23.46	<=30	Pass
	1745	1	0	24.66	0.12	24.78	<=30	Pass
			50	23.57	0.12	23.69	<=30	Pass
			99	22.97	0.12	23.09	<=30	Pass
		50	0	23.50	0.12	23.62	<=30	Pass
			25	23.04	0.12	23.16	<=30	Pass
			50	22.94	0.12	23.06	<=30	Pass
		100	0	22.55	0.12	22.67	<=30	Pass
16QAM	1720	1	0	22.58	0.12	22.70	<=30	Pass
			50	22.90	0.12	23.02	<=30	Pass
			99	23.37	0.12	23.49	<=30	Pass
		12	0	22.33	0.12	22.45	<=30	Pass
			44	22.66	0.12	22.78	<=30	Pass
			88	23.28	0.12	23.40	<=30	Pass
		27	0	21.31	0.12	21.43	<=30	Pass
	1732.5	1	0	23.13	0.12	23.25	<=30	Pass
			50	23.98	0.12	24.10	<=30	Pass
			99	22.69	0.12	22.81	<=30	Pass
		12	0	23.07	0.12	23.19	<=30	Pass
			44	23.78	0.12	23.90	<=30	Pass
			88	22.75	0.12	22.87	<=30	Pass
		27	0	22.43	0.12	22.55	<=30	Pass
	1745	1	0	24.24	0.12	24.36	<=30	Pass
			50	23.21	0.12	23.33	<=30	Pass
			99	22.63	0.12	22.75	<=30	Pass
		12	0	23.67	0.12	23.79	<=30	Pass
44			22.72	0.12	22.84	<=30	Pass	
88			22.59	0.12	22.71	<=30	Pass	
27		73	21.57	0.12	21.69	<=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	-11.616	-0.0067	-2.5 to 2.5	Pass
					3.60	6.123	0.0035	-2.5 to 2.5	Pass
					4.20	5.636	0.0033	-2.5 to 2.5	Pass
				-30	3.60	4.263	0.0025	-2.5 to 2.5	Pass
				-20	3.60	4.277	0.0025	-2.5 to 2.5	Pass
				-10	3.60	4.835	0.0028	-2.5 to 2.5	Pass
				0	3.60	4.449	0.0026	-2.5 to 2.5	Pass
				10	3.60	3.519	0.0020	-2.5 to 2.5	Pass
				30	3.60	3.104	0.0018	-2.5 to 2.5	Pass
				40	3.60	4.420	0.0026	-2.5 to 2.5	Pass
				50	3.60	4.148	0.0024	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

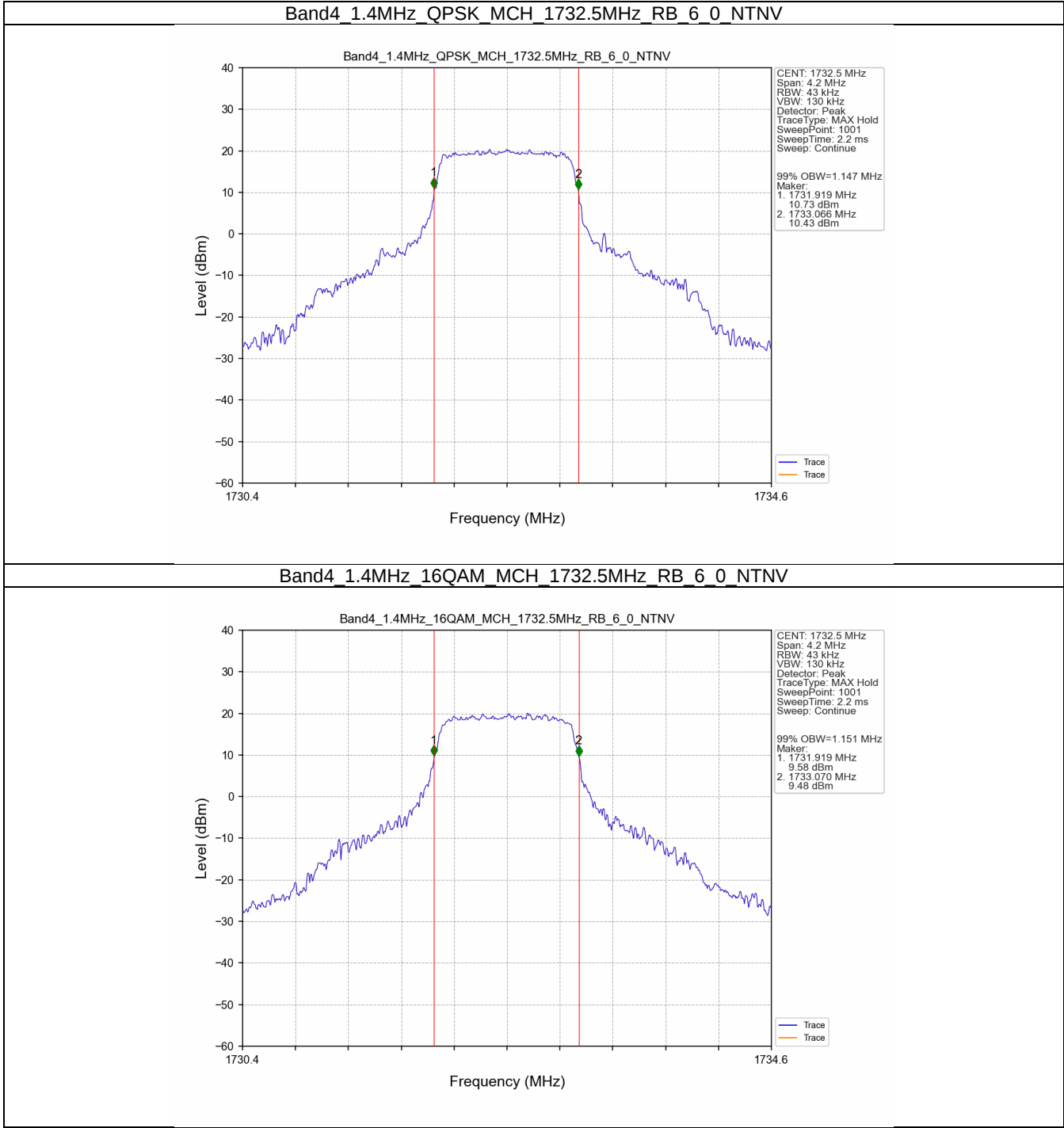
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.147	/	Pass
	16QAM	1732.5	6	0	1.151	/	Pass
3	QPSK	1732.5	15	0	2.783	/	Pass
	16QAM	1732.5	15	0	2.778	/	Pass
5	QPSK	1732.5	25	0	4.586	/	Pass
	16QAM	1732.5	25	0	4.573	/	Pass
10	QPSK	1732.5	50	0	9.104	/	Pass
	16QAM	1732.5	27	0	5.857	/	Pass
15	QPSK	1732.5	75	0	13.752	/	Pass
	16QAM	1732.5	27	0	7.185	/	Pass
20	QPSK	1732.5	100	0	18.192	/	Pass
	16QAM	1732.5	27	0	9.287	/	Pass

3.1.2 Band4_XDB

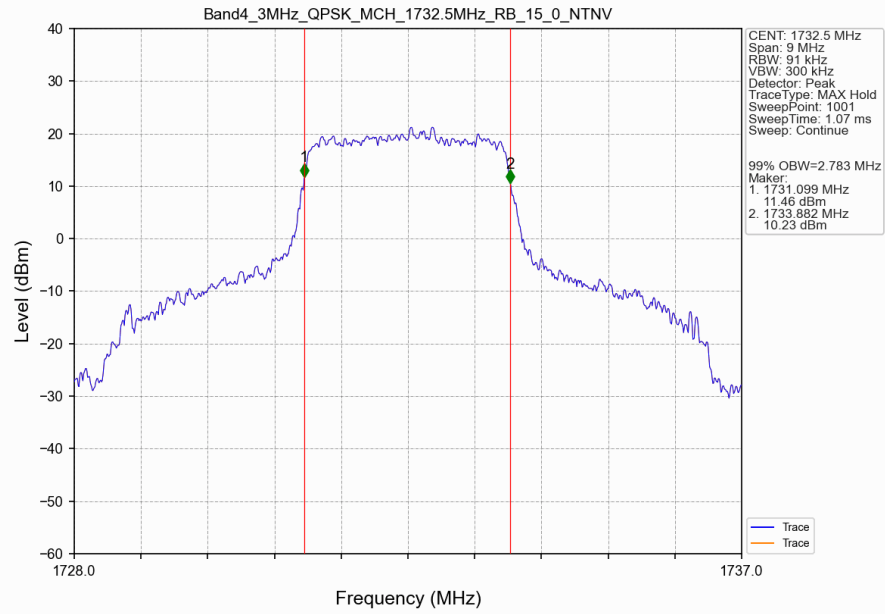
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.993	/	Pass
	16QAM	1732.5	6	0	1.838	/	Pass
3	QPSK	1732.5	15	0	3.663	/	Pass
	16QAM	1732.5	15	0	4.206	/	Pass
5	QPSK	1732.5	25	0	6.047	/	Pass
	16QAM	1732.5	25	0	6.473	/	Pass
10	QPSK	1732.5	50	0	13.227	/	Pass
	16QAM	1732.5	27	0	9.706	/	Pass
15	QPSK	1732.5	75	0	18.883	/	Pass
	16QAM	1732.5	27	0	12.933	/	Pass
20	QPSK	1732.5	100	0	22.128	/	Pass
	16QAM	1732.5	27	0	14.887	/	Pass

3.2 Test Graph

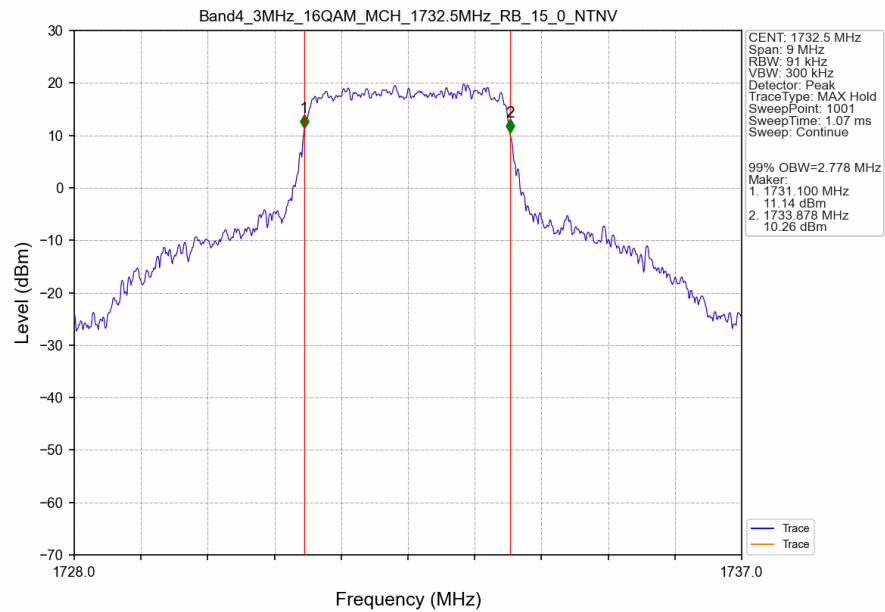
3.2.1 Band4_OBW



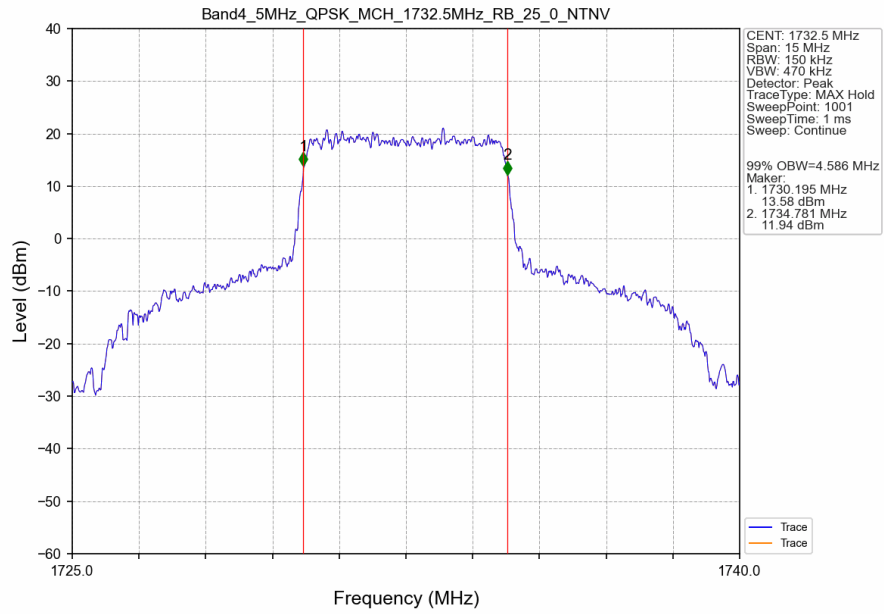
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



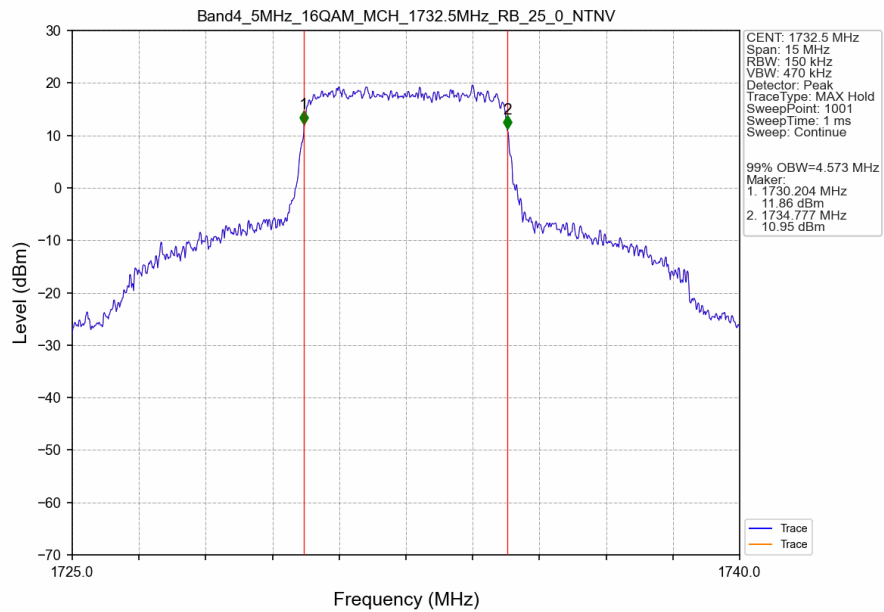
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



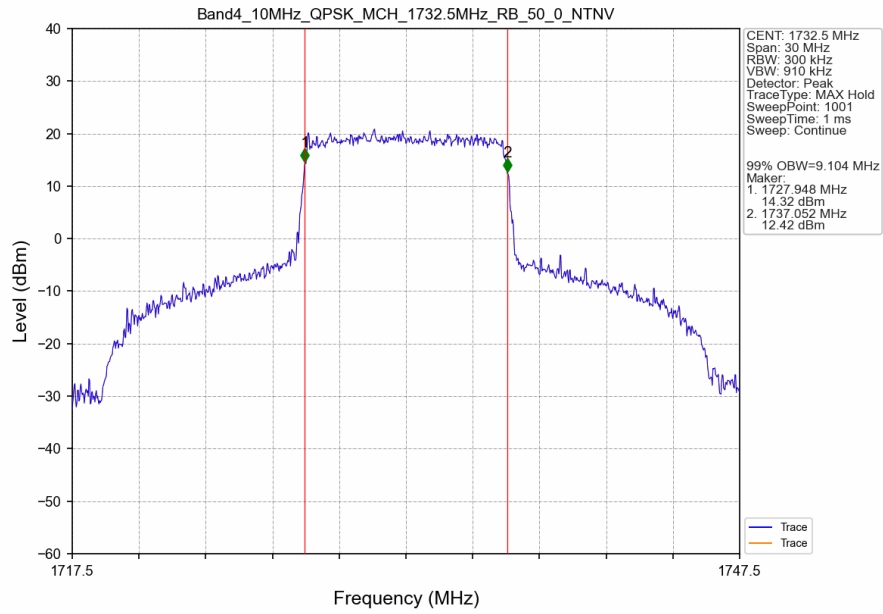
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



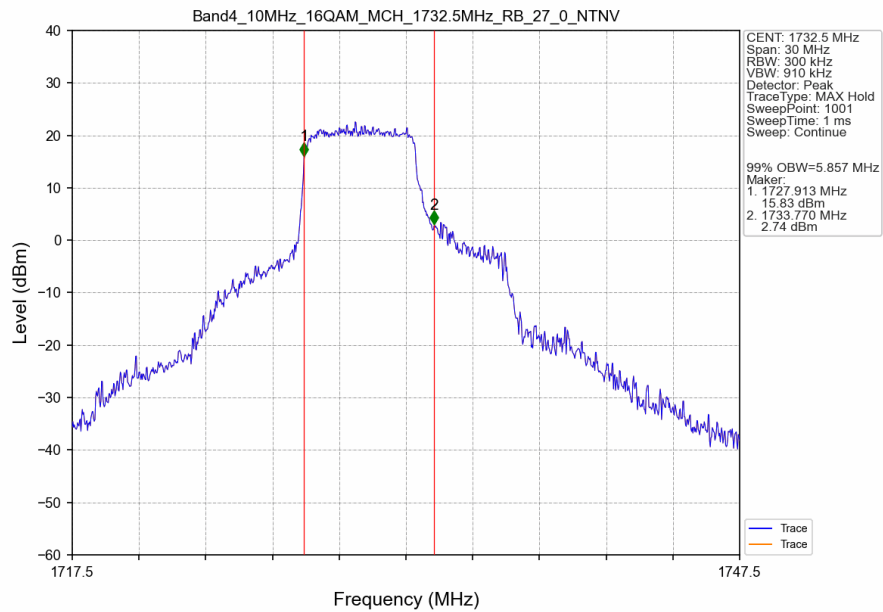
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



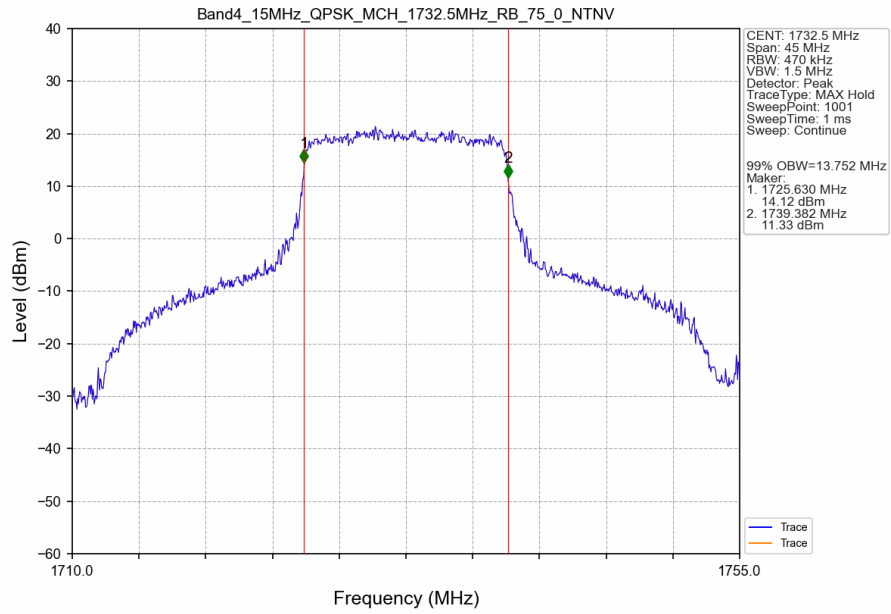
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



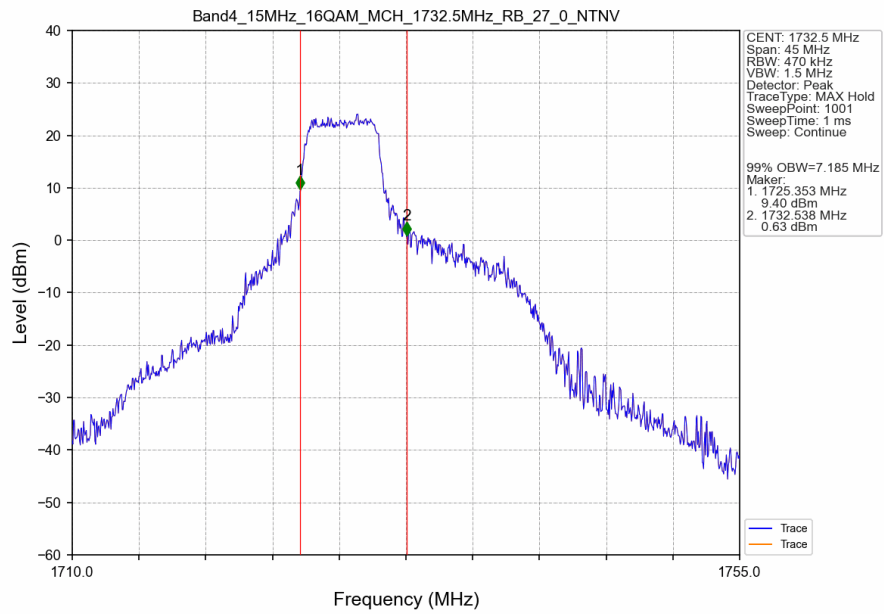
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



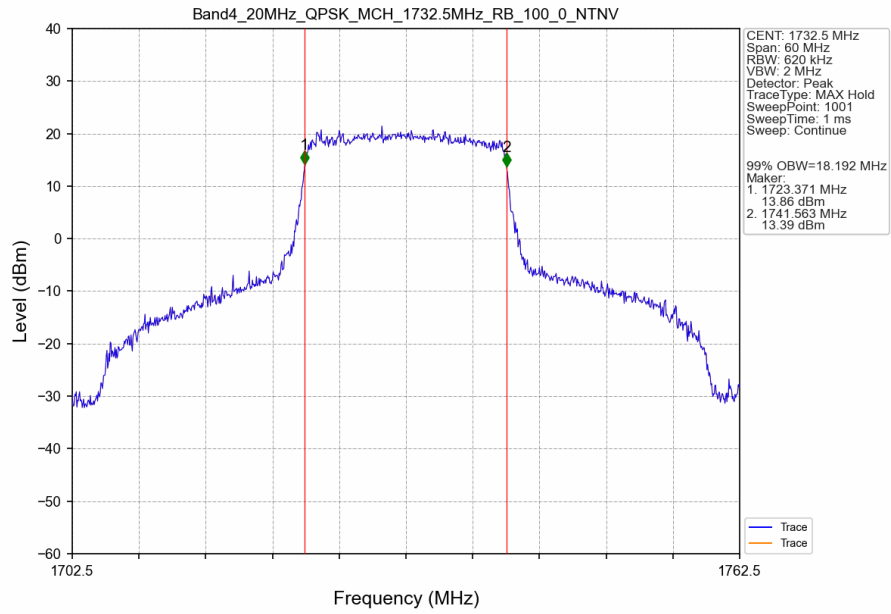
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



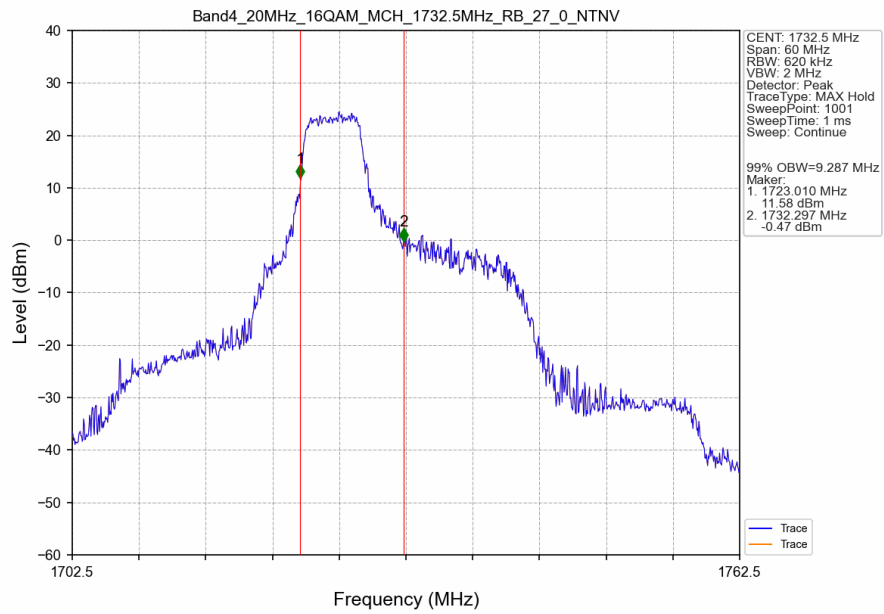
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



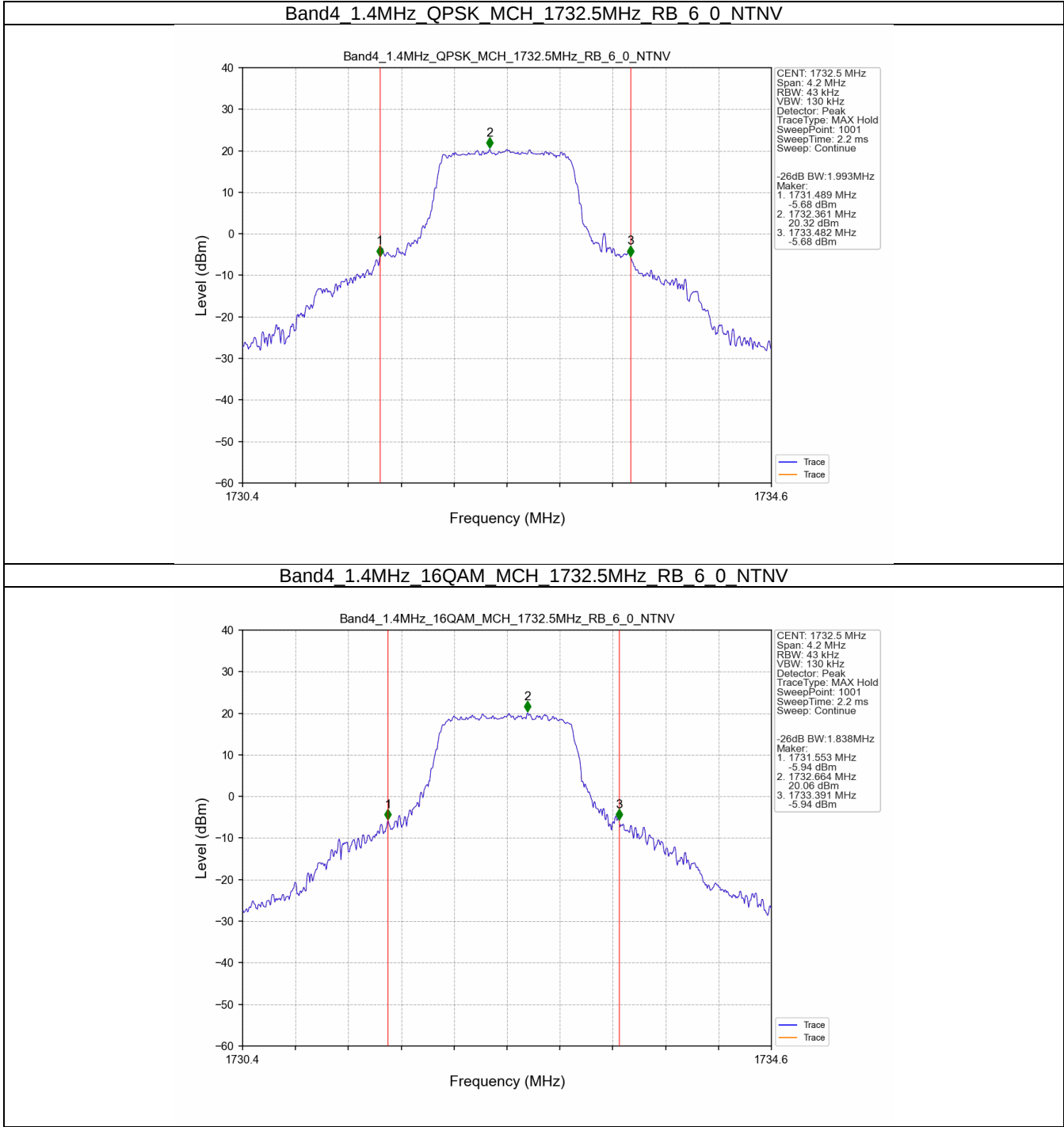
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



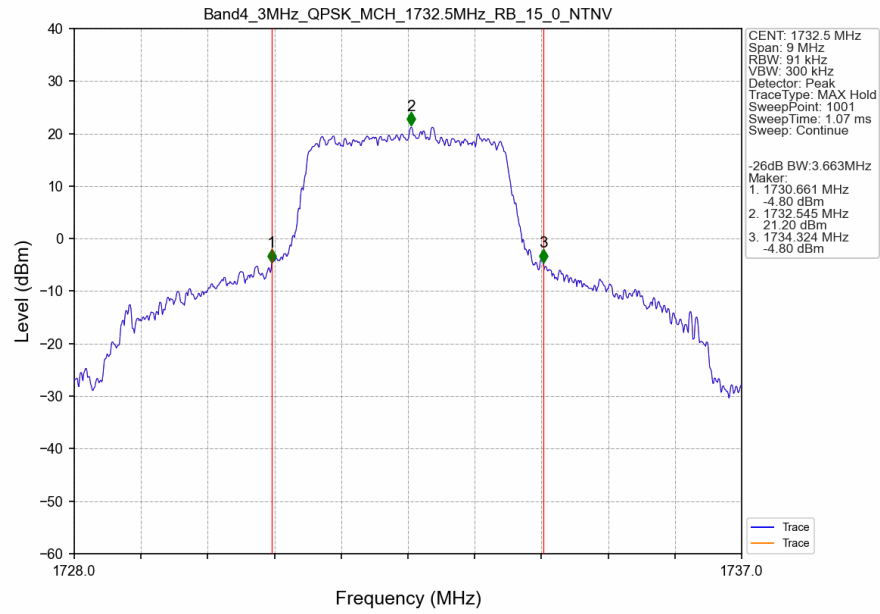
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



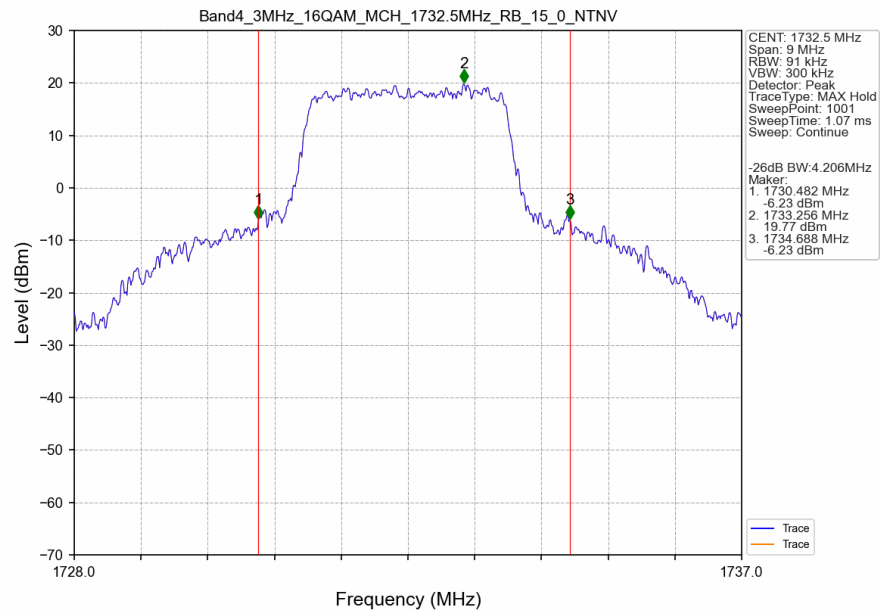
3.2.2 Band4_XDB



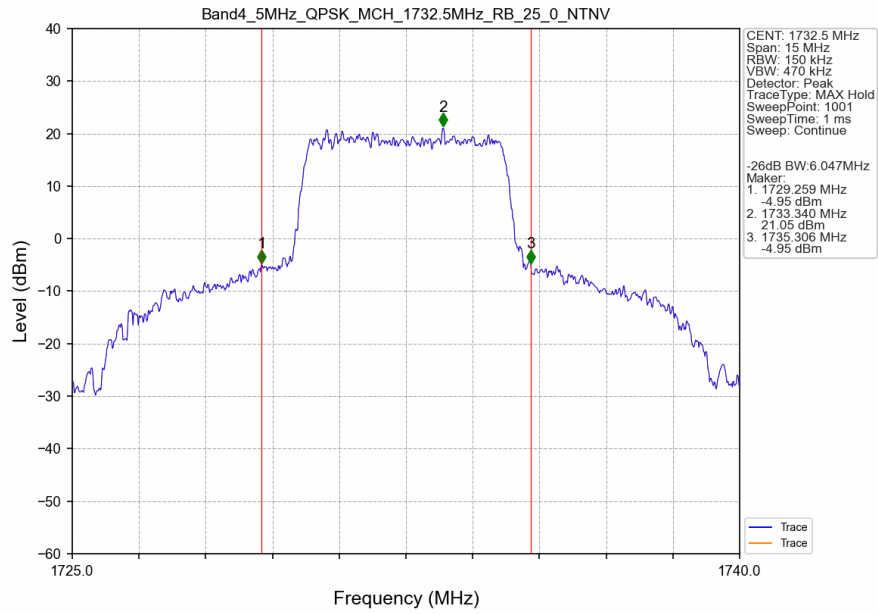
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



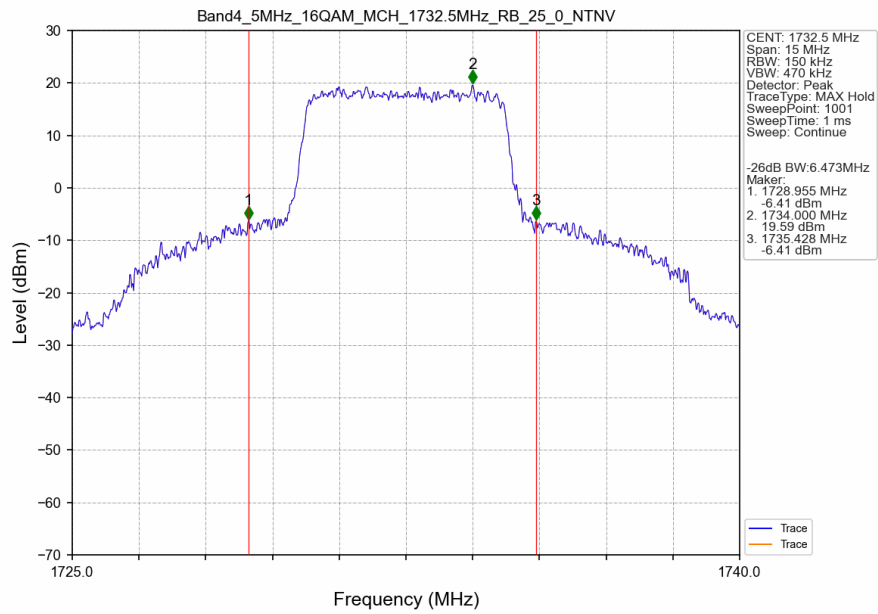
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



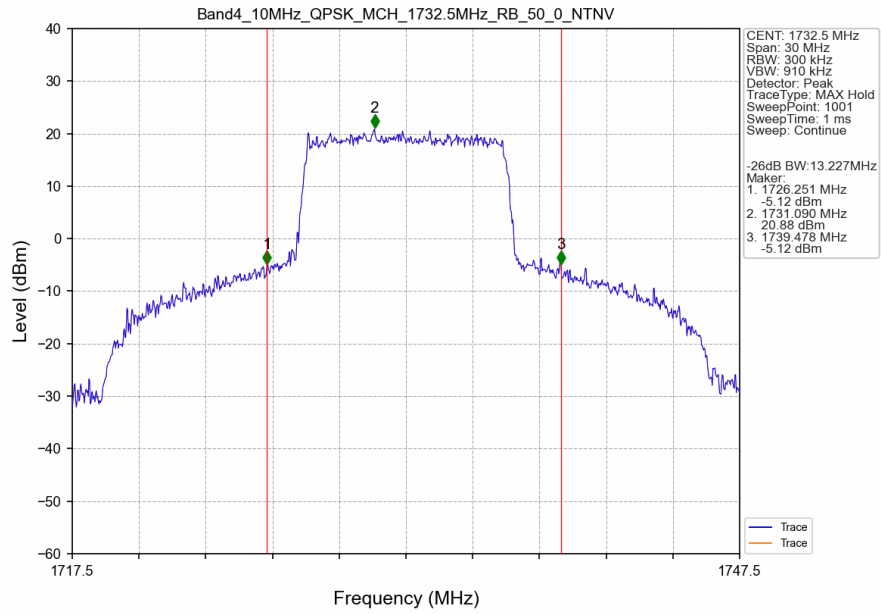
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



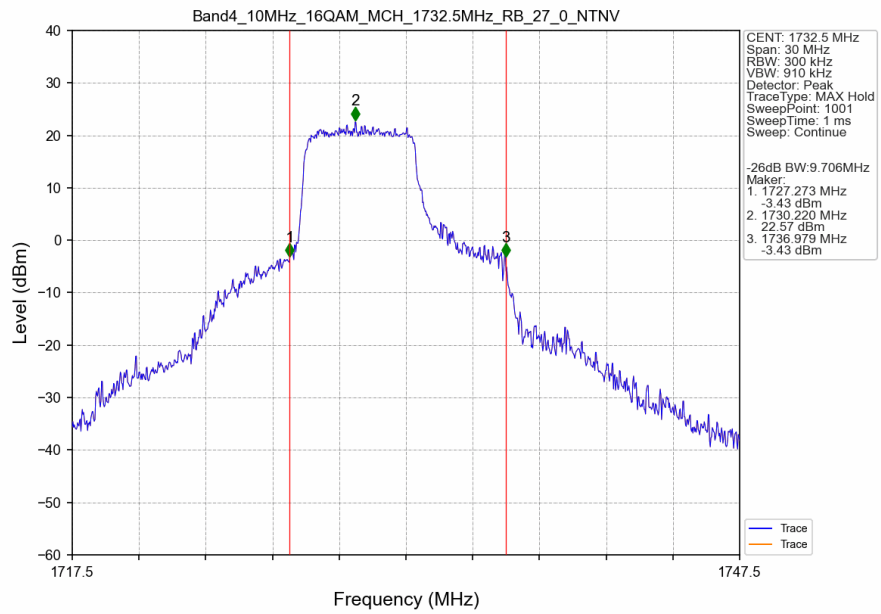
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



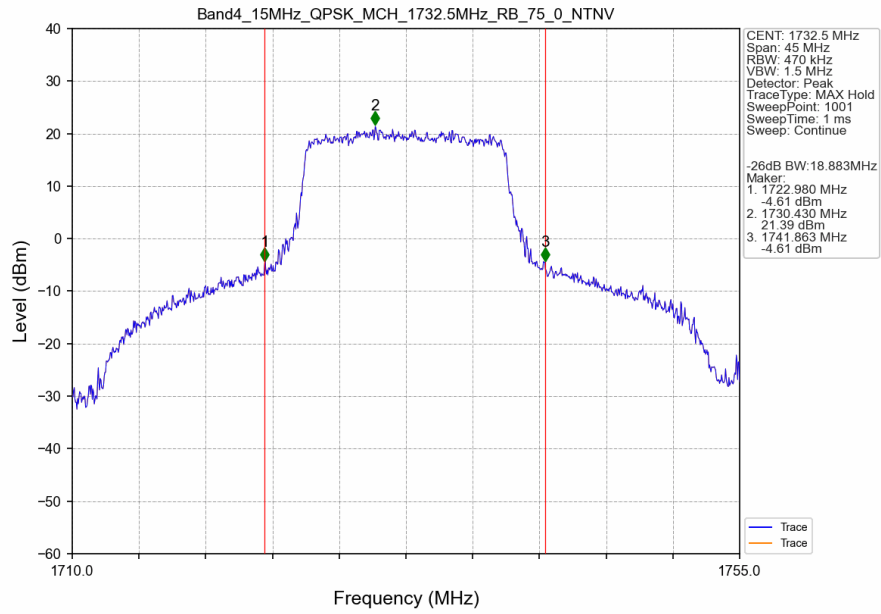
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



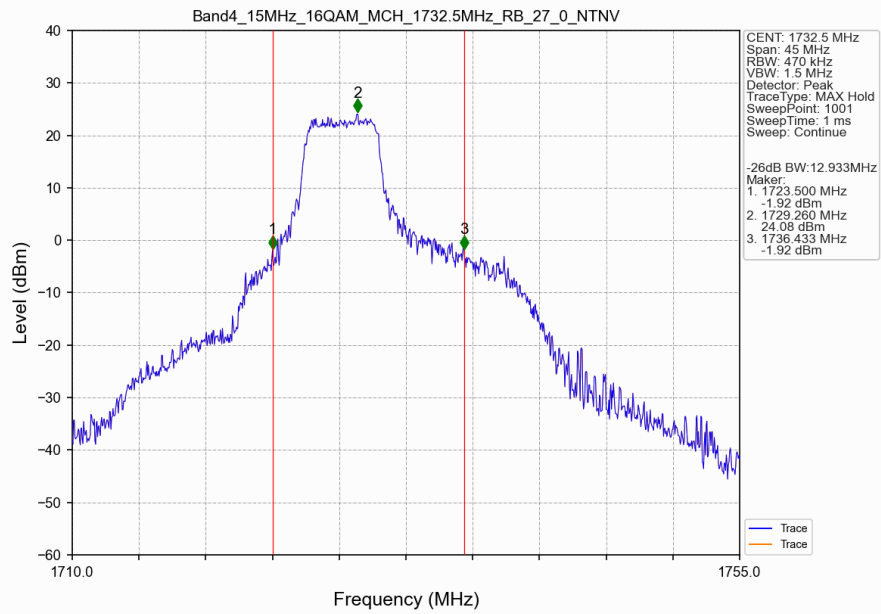
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



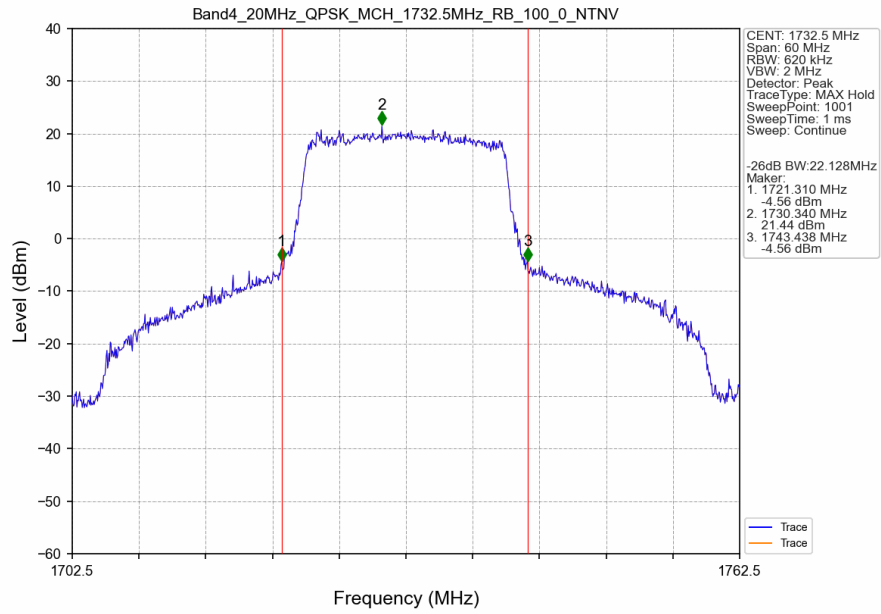
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



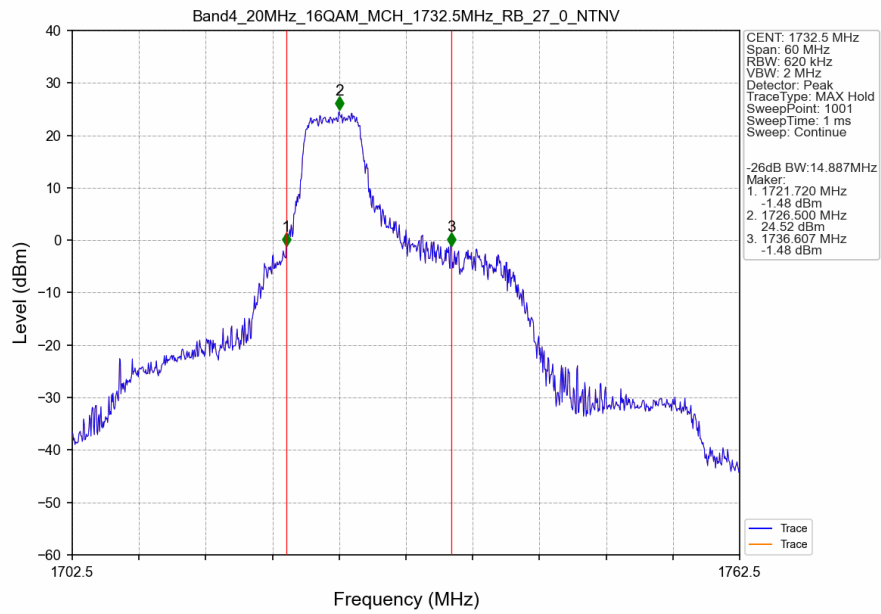
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4 20MHz QPSK MCH 1732.5MHz RB 100_0_NTNV



Band4 20MHz 16QAM MCH 1732.5MHz RB 27_0_NTNV



4. Peak-Average Ratio

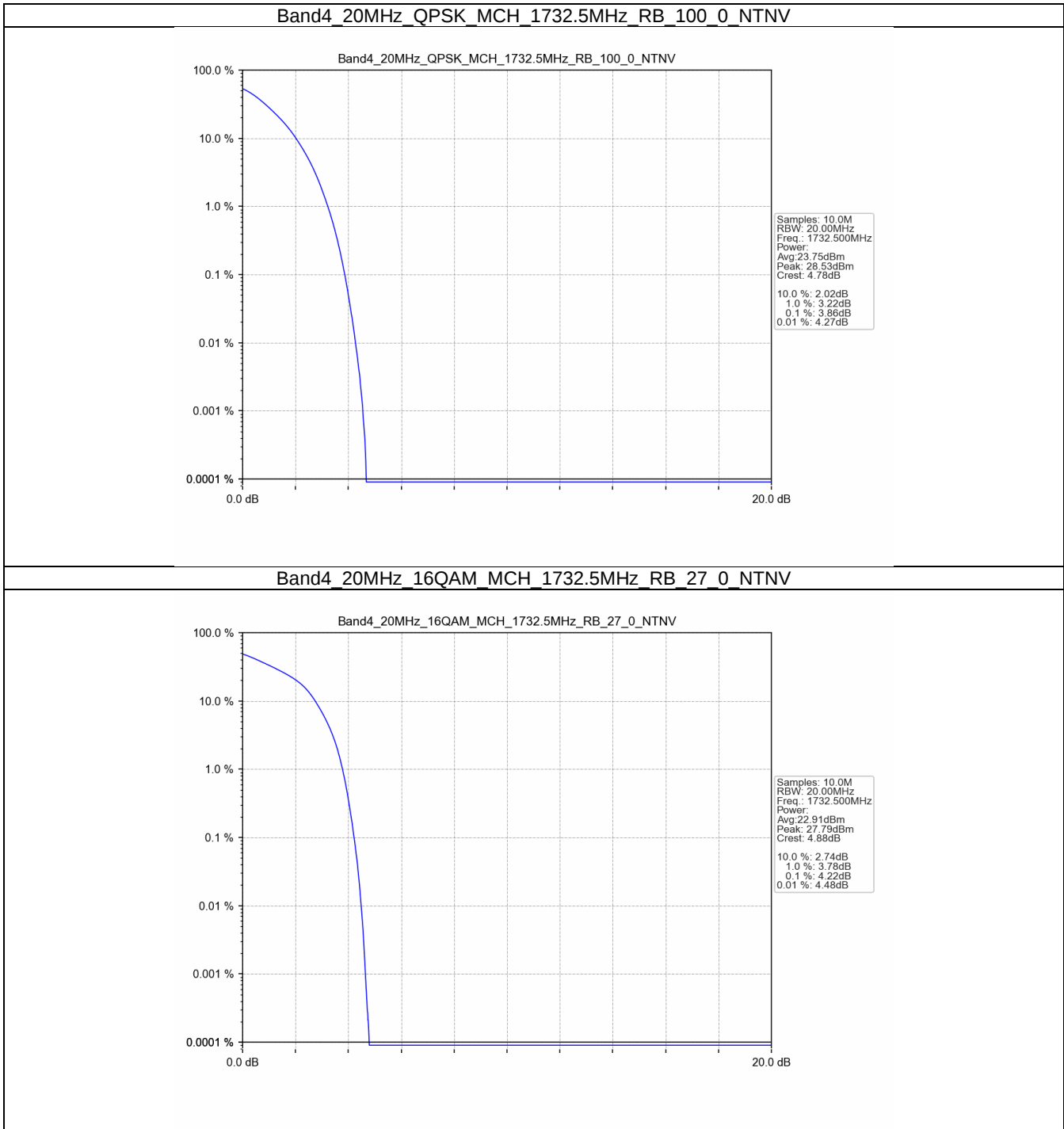
4.1 Test Result

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	3.86	<=13	Pass
16QAM	1732.5	27	0	4.22	<=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 / NTV						
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	
	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	
	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	
	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

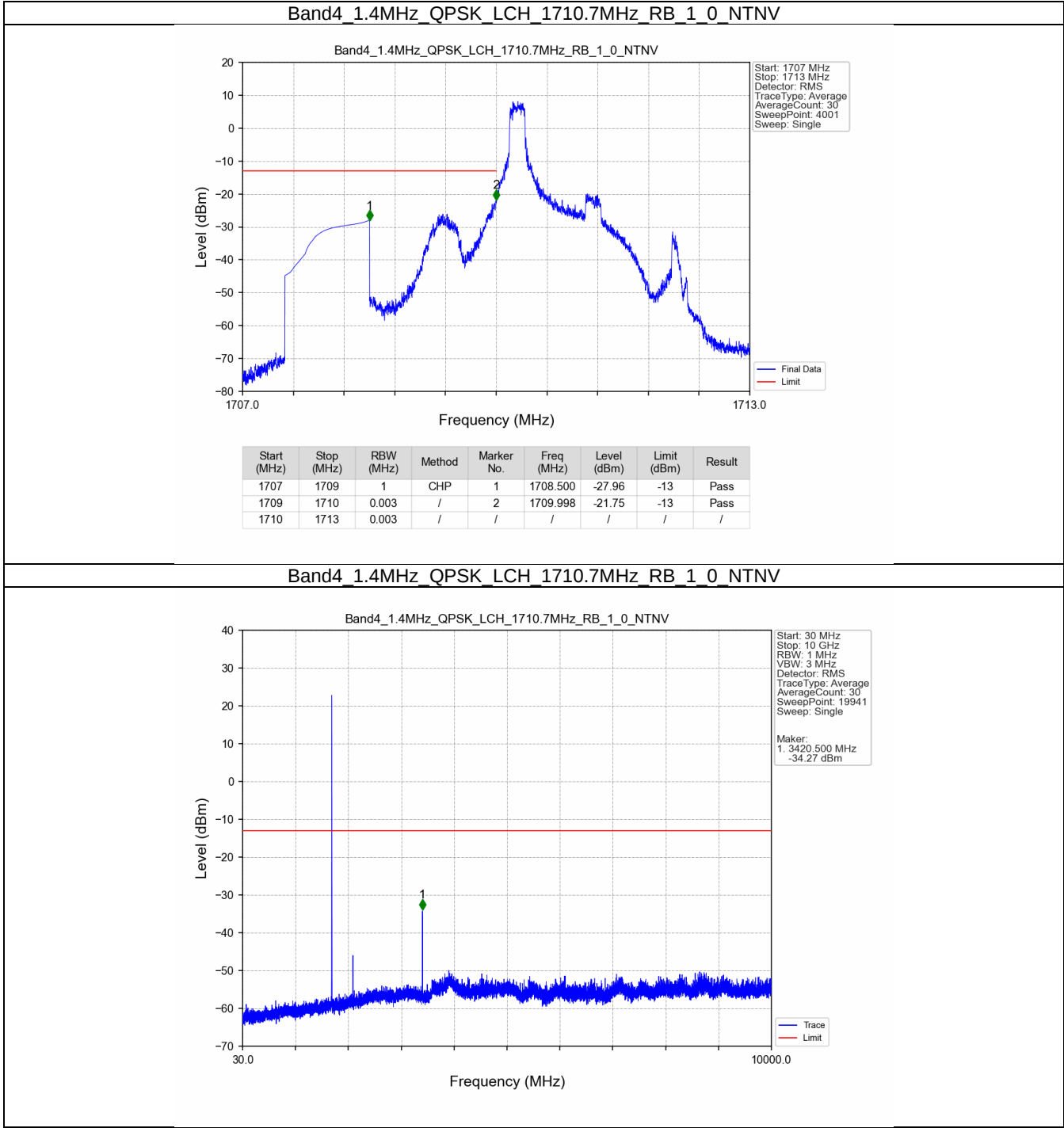
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

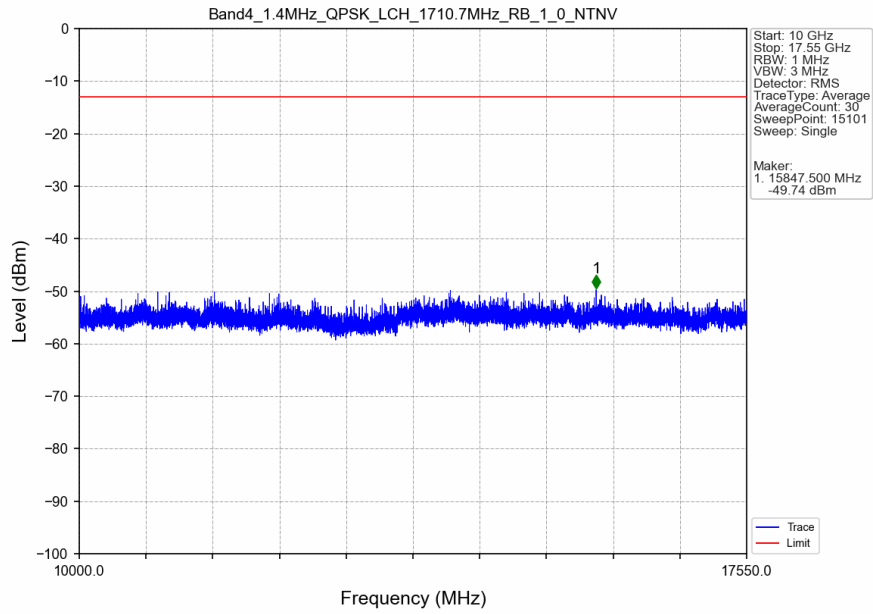
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

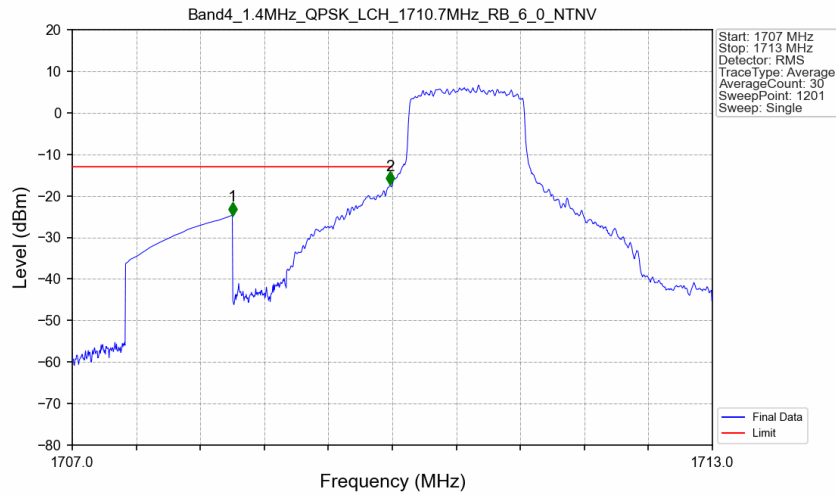
5.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

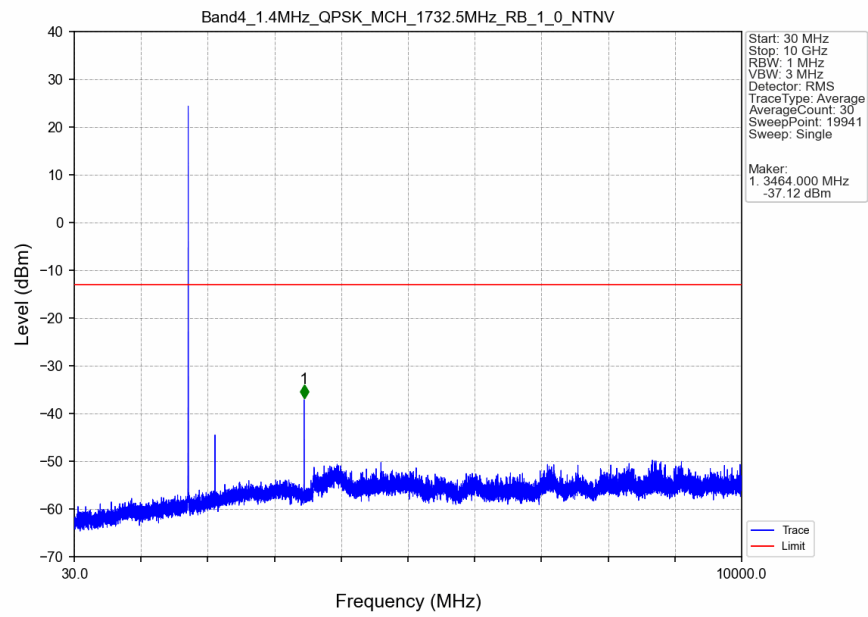


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

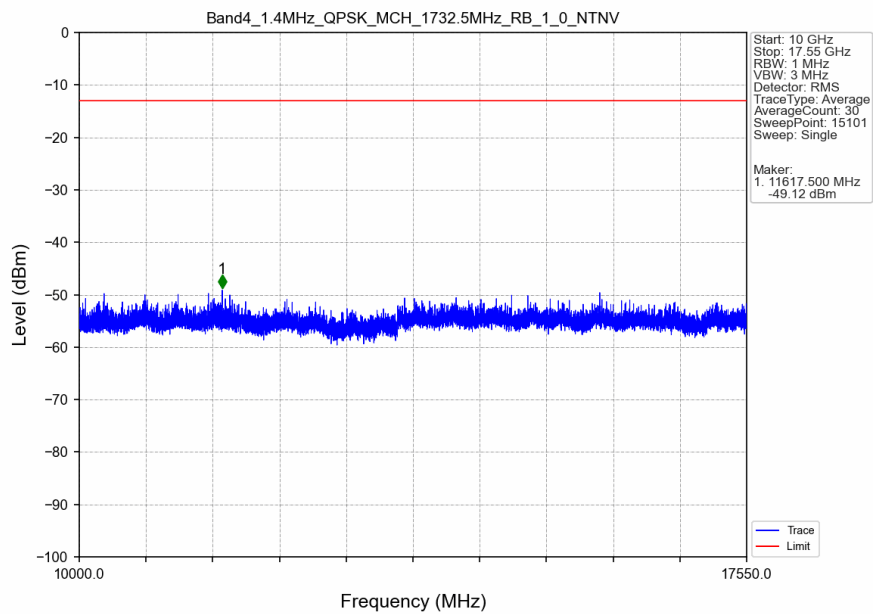


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-24.66	-13	Pass
1709	1710	0.018	CHP	2	1709.980	-17.35	-13	Pass
1710	1713	0.018	CHP	/	/	/	/	/

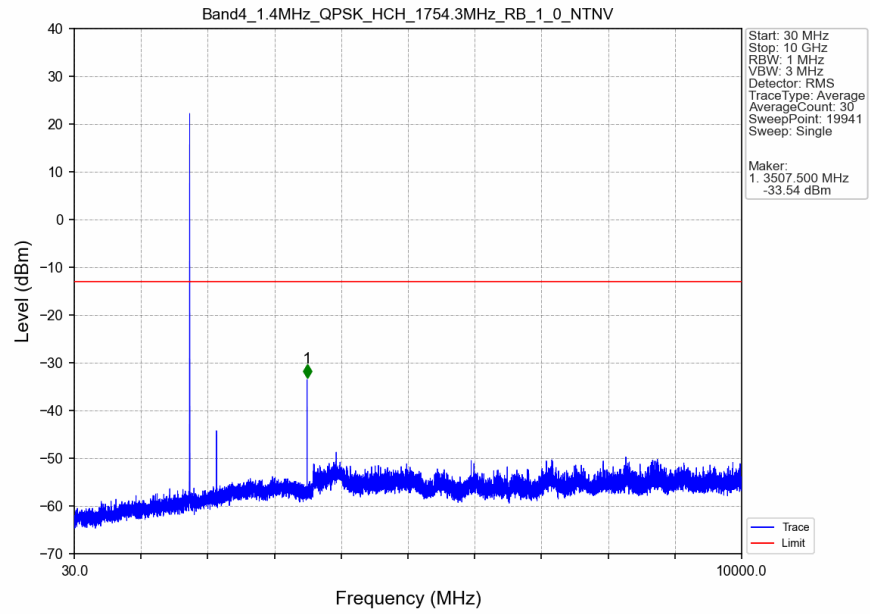
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



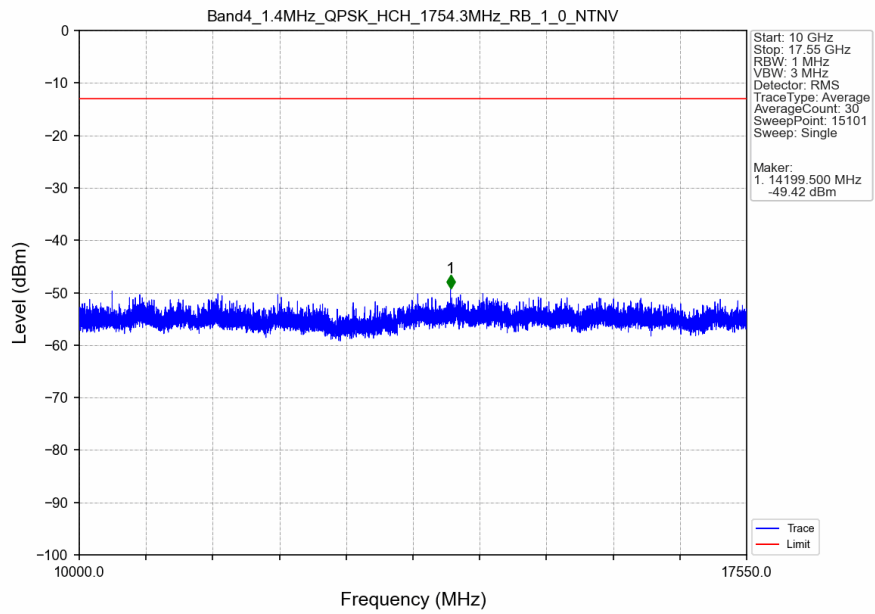
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



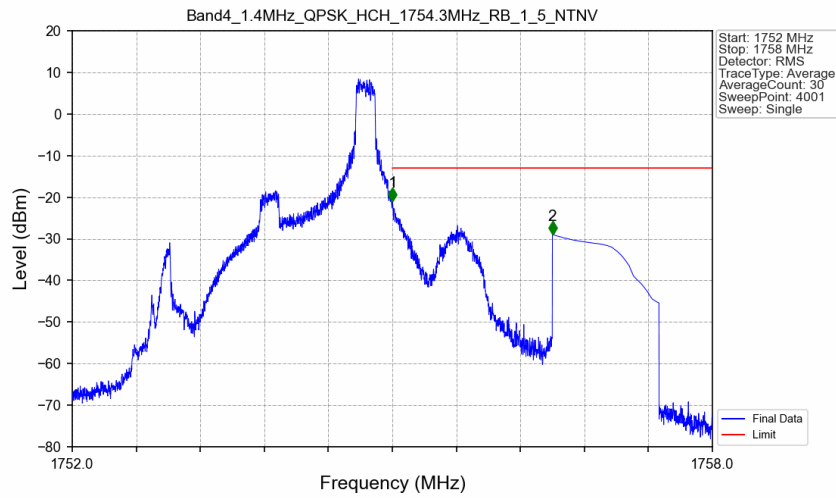
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

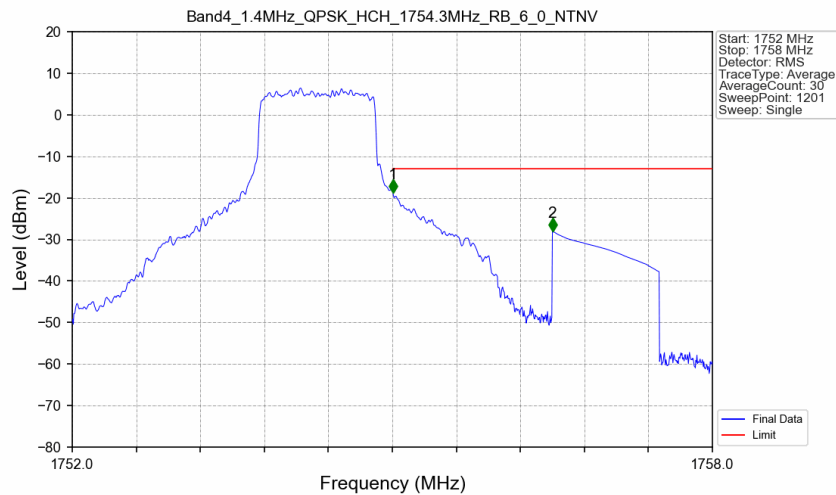


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5_NTNV



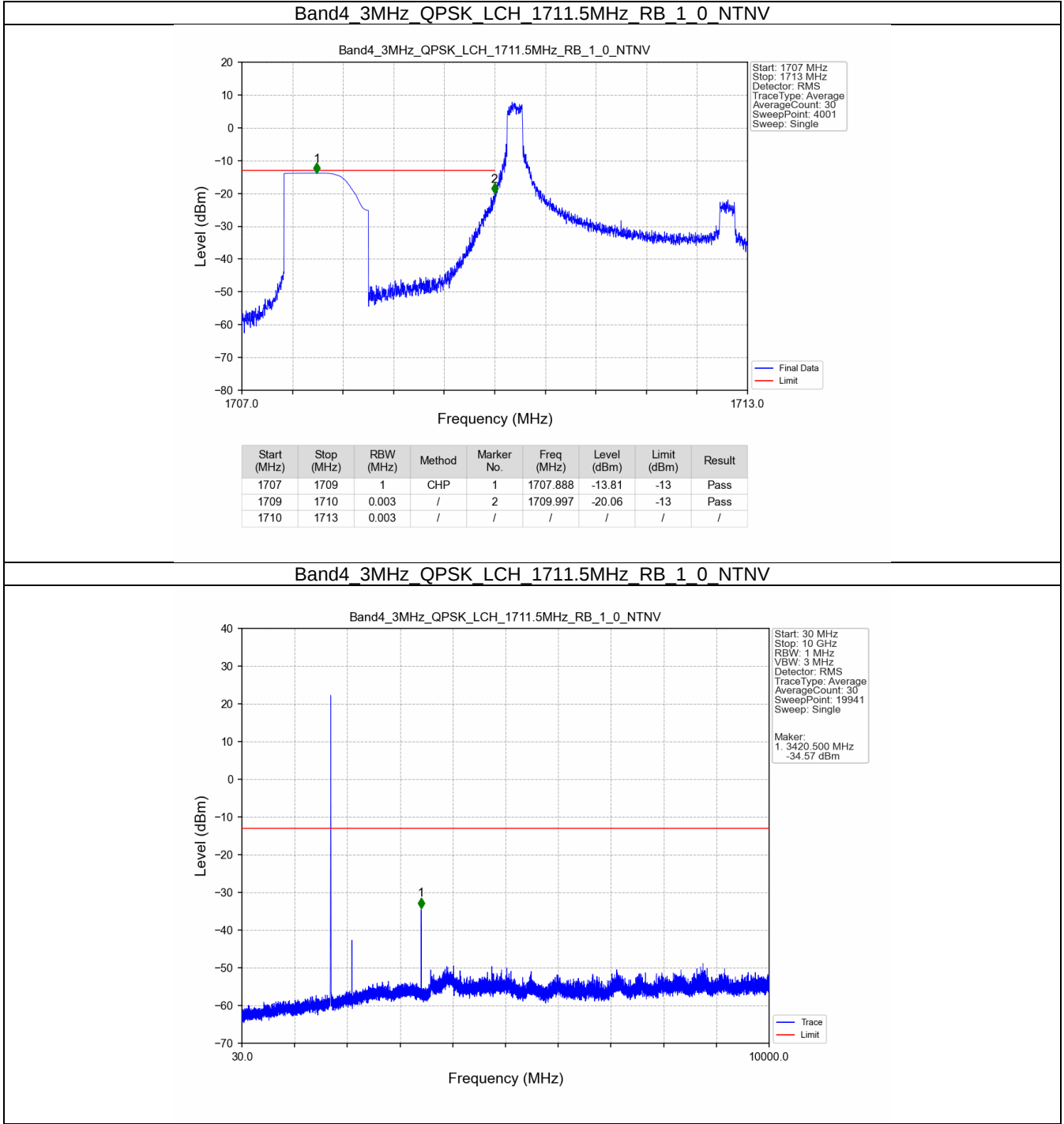
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-20.93	-13	Pass
1756	1758	1	CHP	2	1756.500	-28.94	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0_NTNV

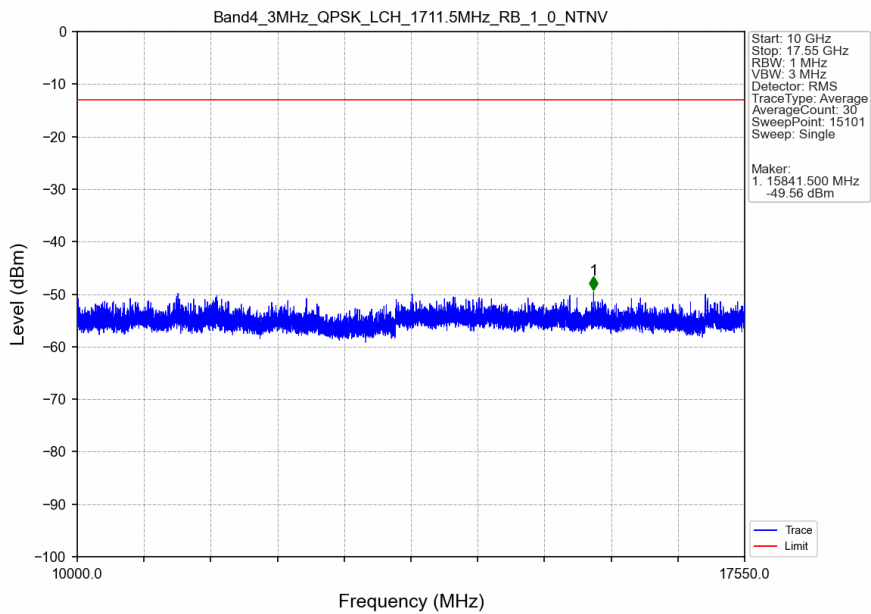


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.02	CHP	/	/	/	/	/
1755	1756	0.02	CHP	1	1755.005	-18.74	-13	Pass
1756	1758	1	CHP	2	1756.500	-28.05	-13	Pass

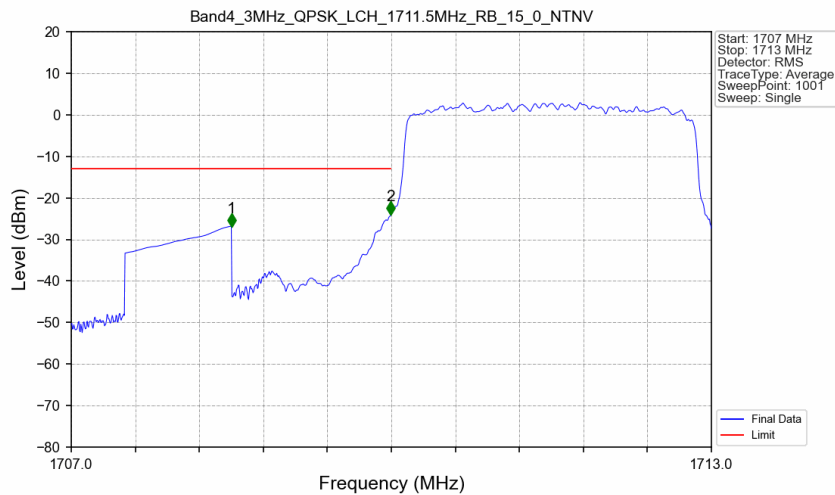
5.2.2 B4_3MHz



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

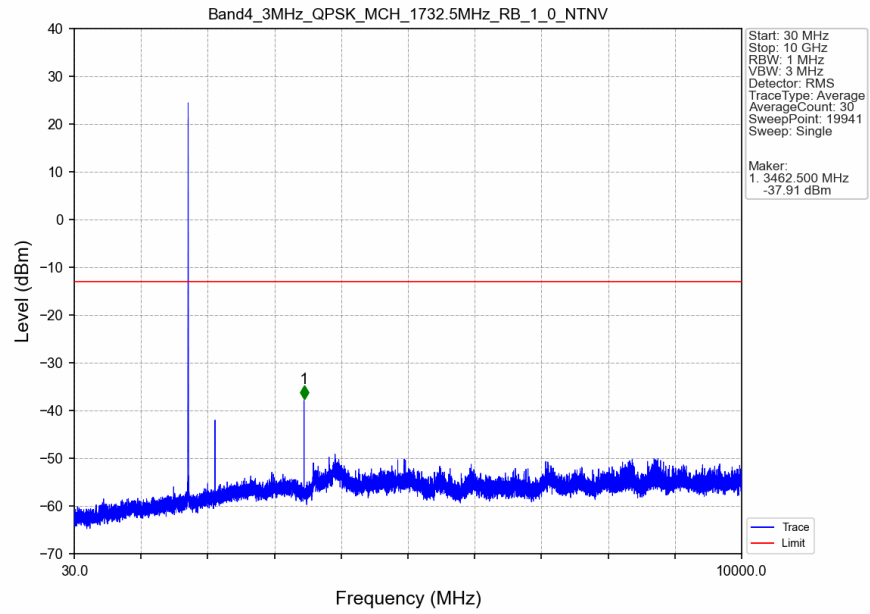


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

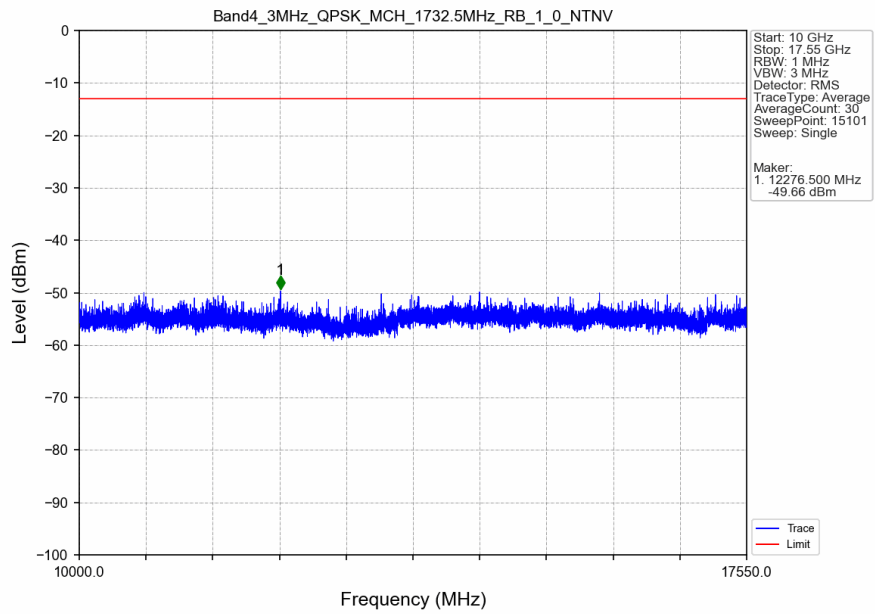


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.86	-13	Pass
1709	1710	0.037	CHP	2	1709.994	-24.02	-13	Pass
1710	1713	0.037	CHP	/	/	/	/	/

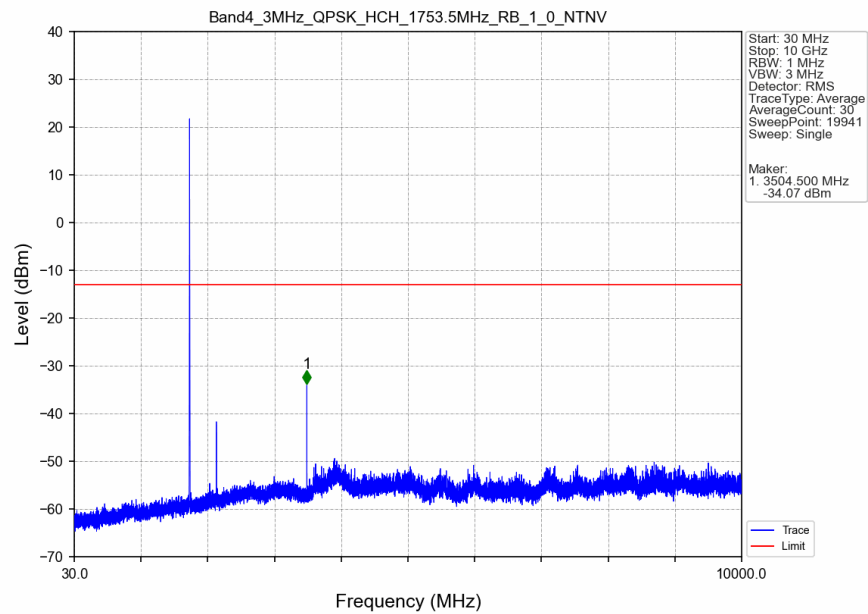
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



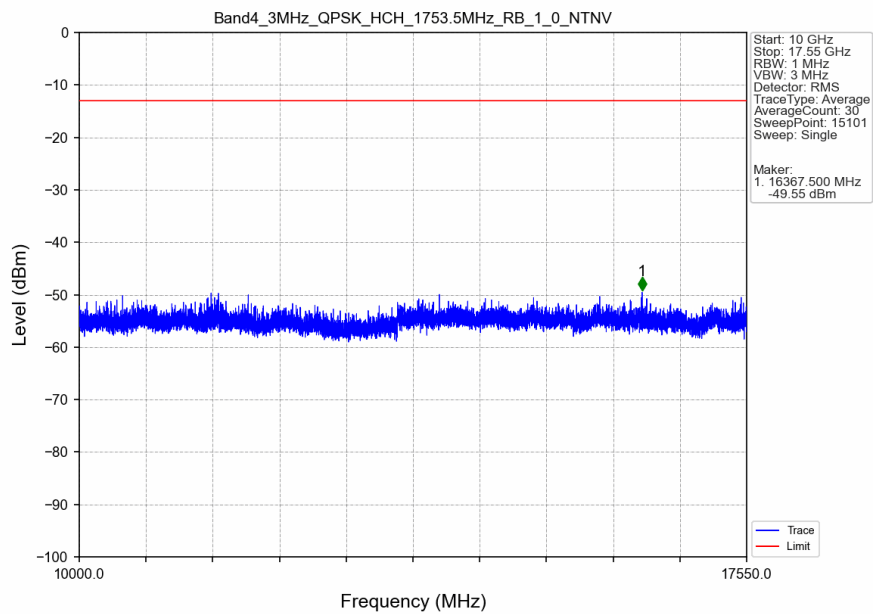
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



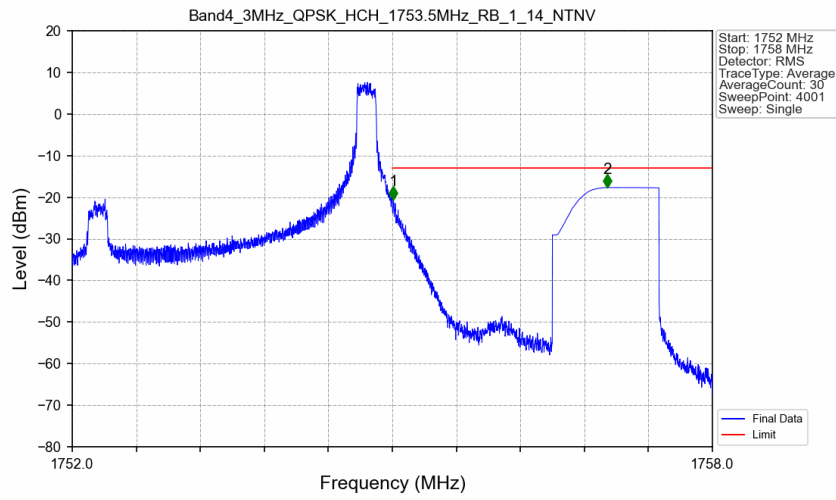
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

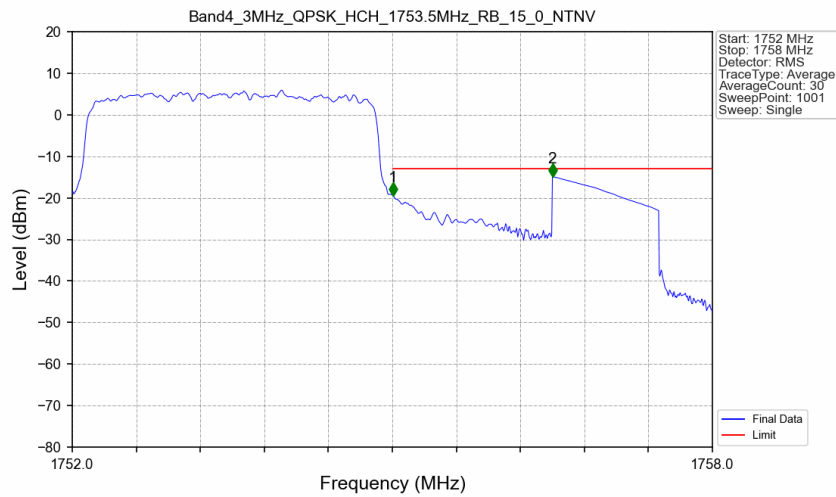


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



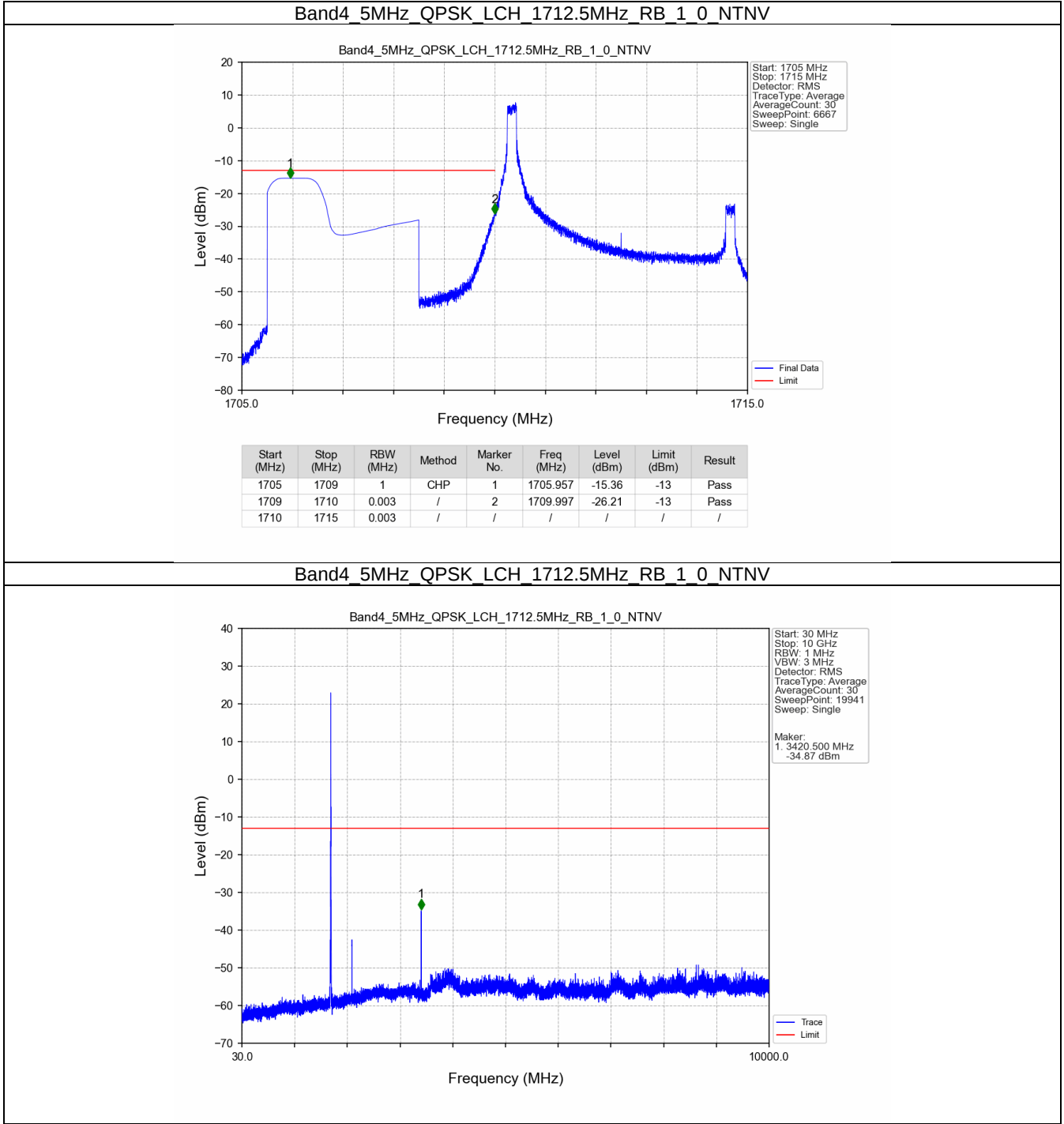
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.011	-20.56	-13	Pass
1756	1758	1	CHP	2	1757.017	-17.68	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

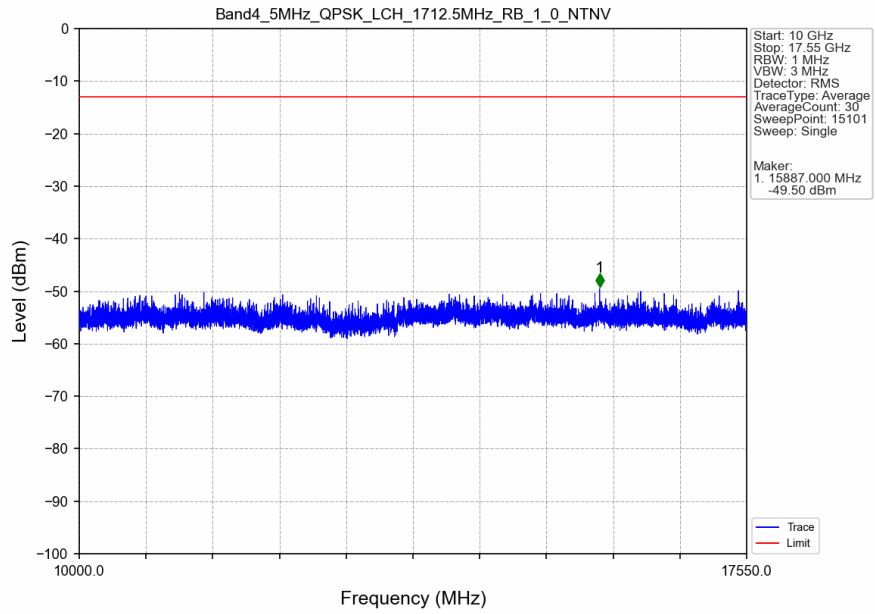


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.042	CHP	/	/	/	/	/
1755	1756	0.042	CHP	1	1755.006	-19.48	-13	Pass
1756	1758	1	CHP	2	1756.500	-14.88	-13	Pass

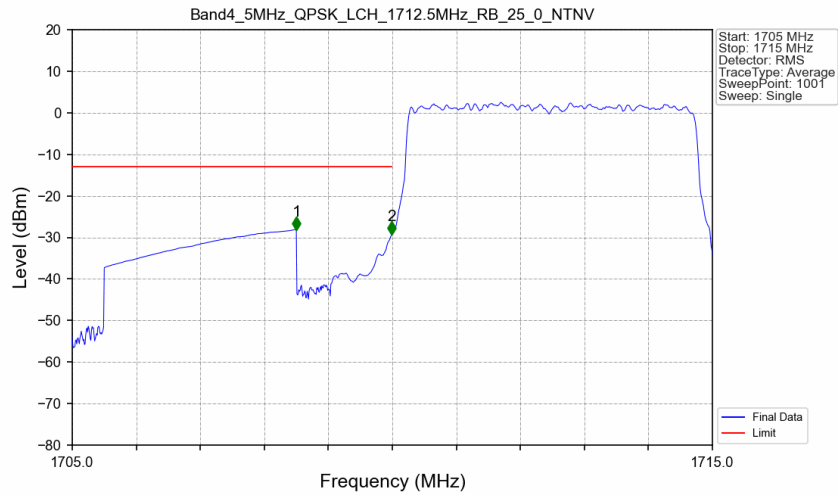
5.2.3 B4_5MHz



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

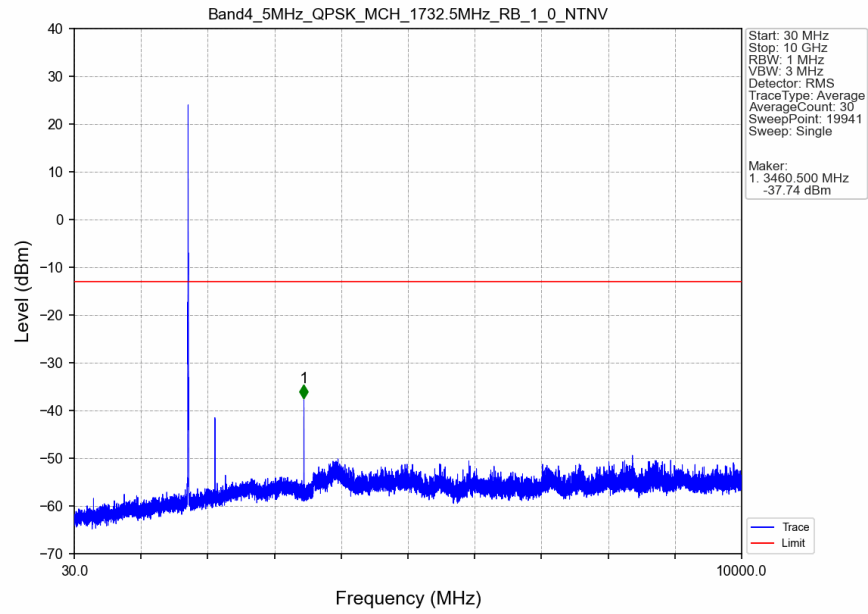


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

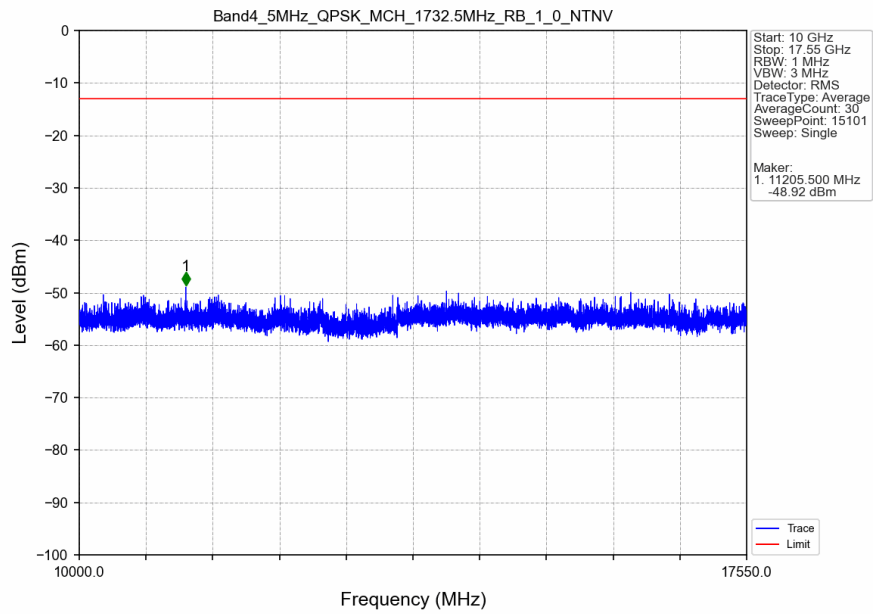


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-28.14	-13	Pass
1709	1710	0.06	CHP	2	1709.990	-29.37	-13	Pass
1710	1715	0.06	CHP	/	/	/	/	/

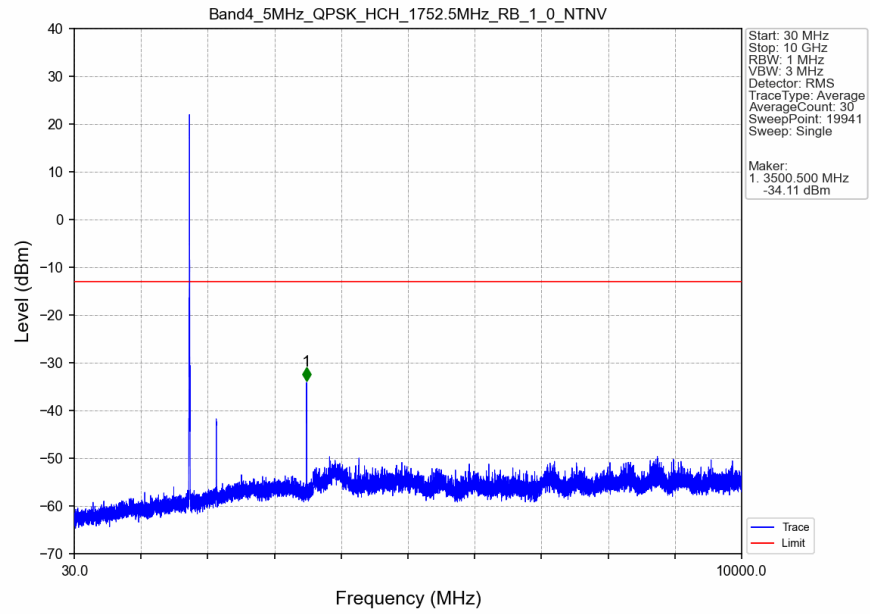
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



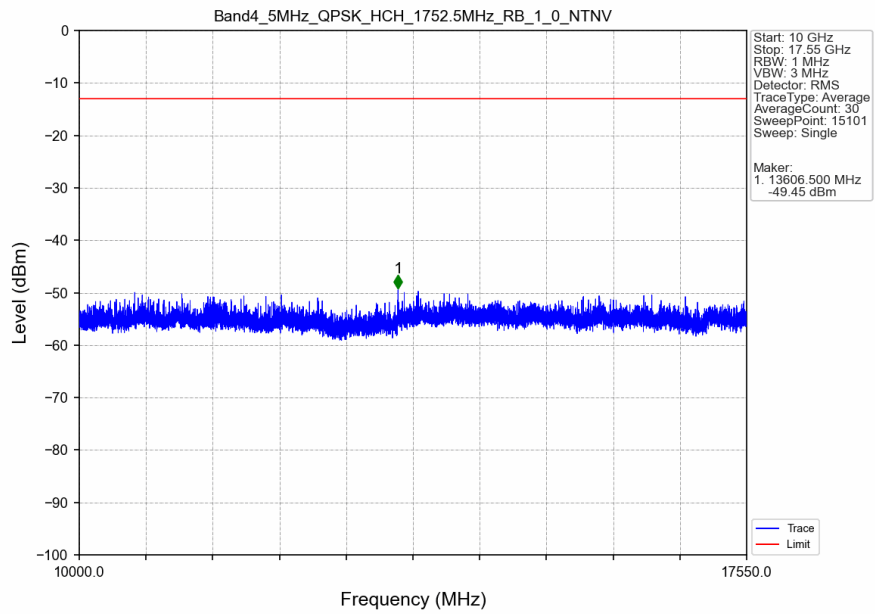
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



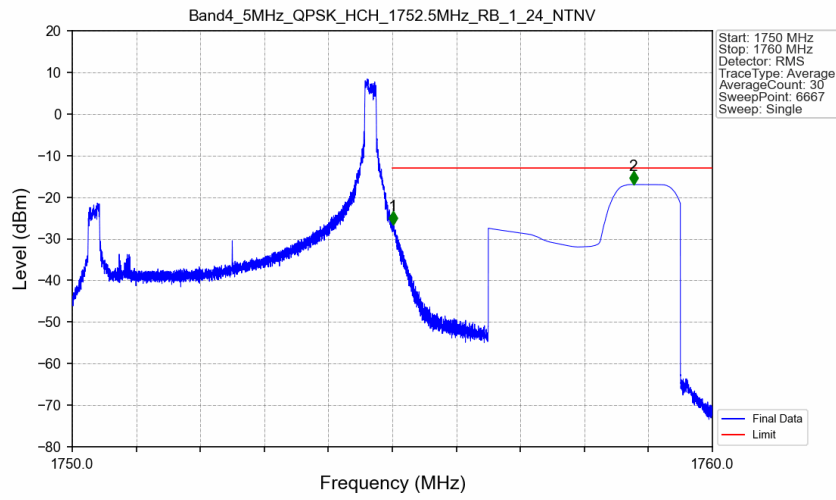
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

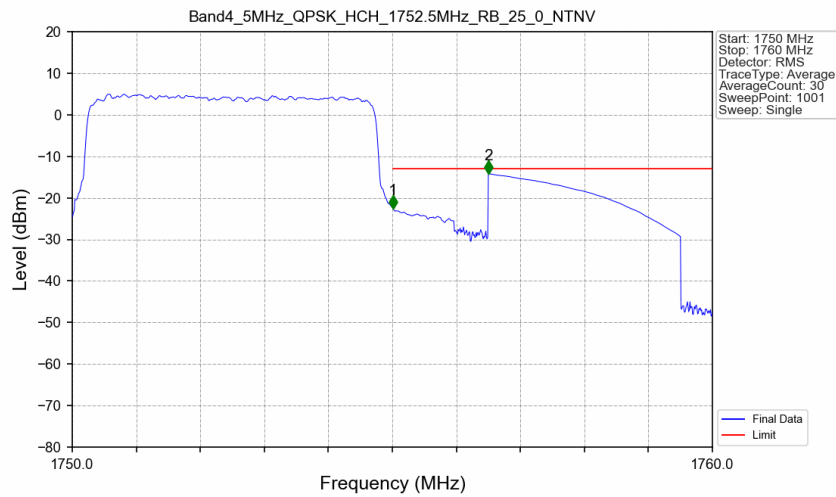


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



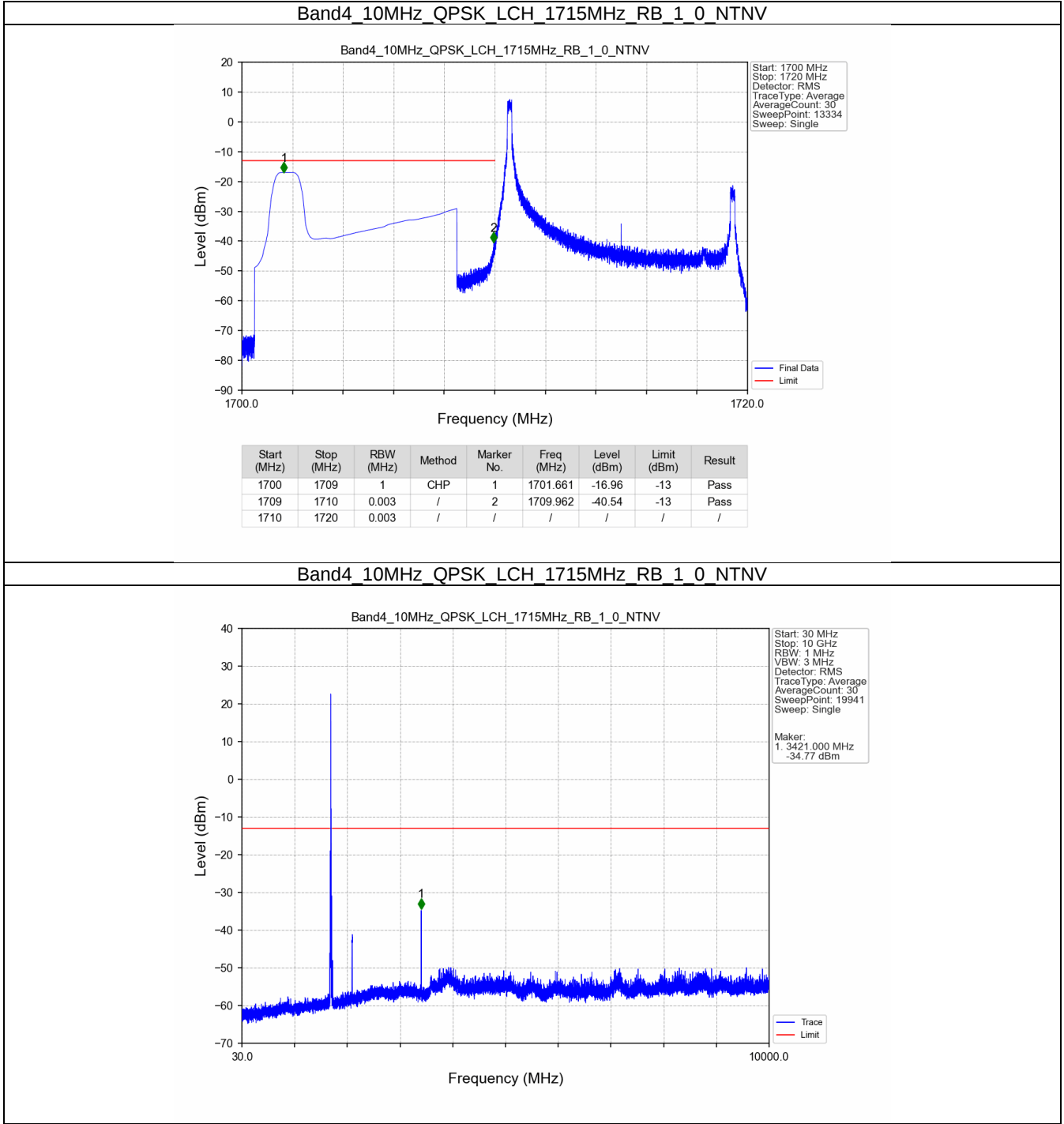
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.011	-26.57	-13	Pass
1756	1760	1	CHP	2	1758.765	-16.95	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV

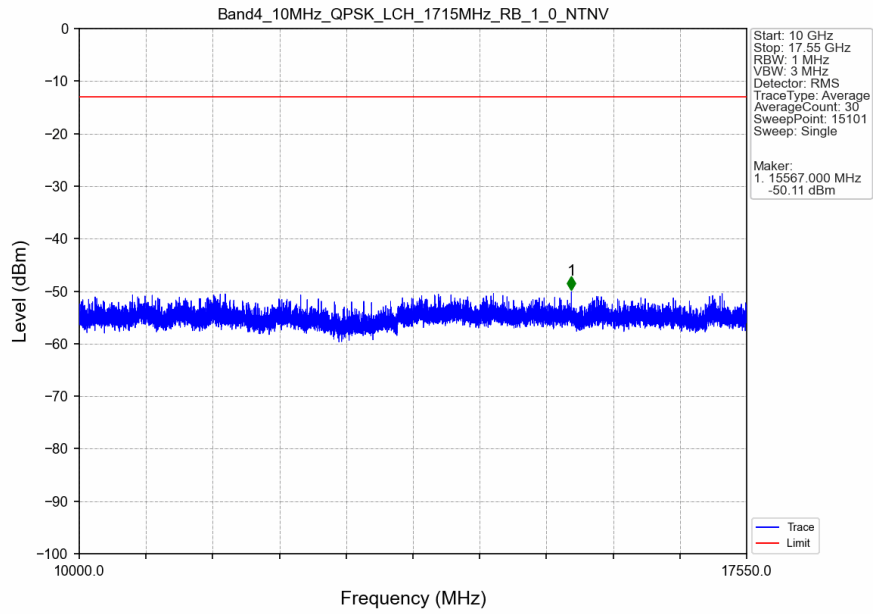


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.065	CHP	/	/	/	/	/
1755	1756	0.065	CHP	1	1755.010	-22.53	-13	Pass
1756	1760	1	CHP	2	1756.500	-14.17	-13	Pass

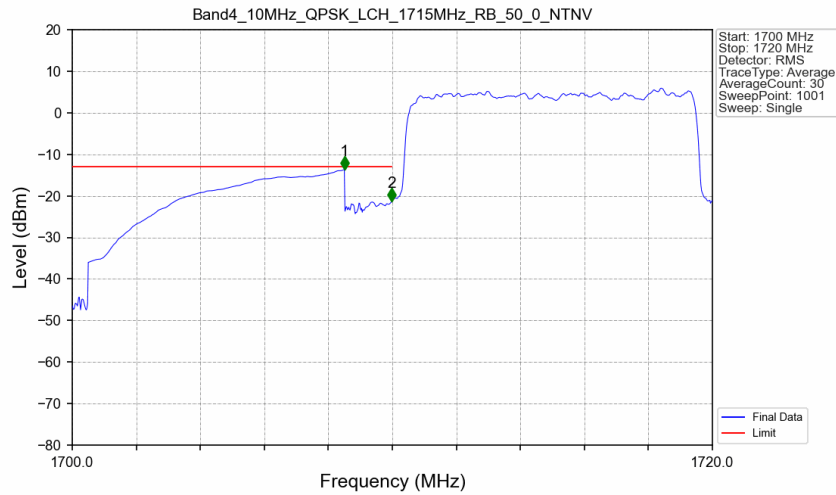
5.2.4 B4_10MHz



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

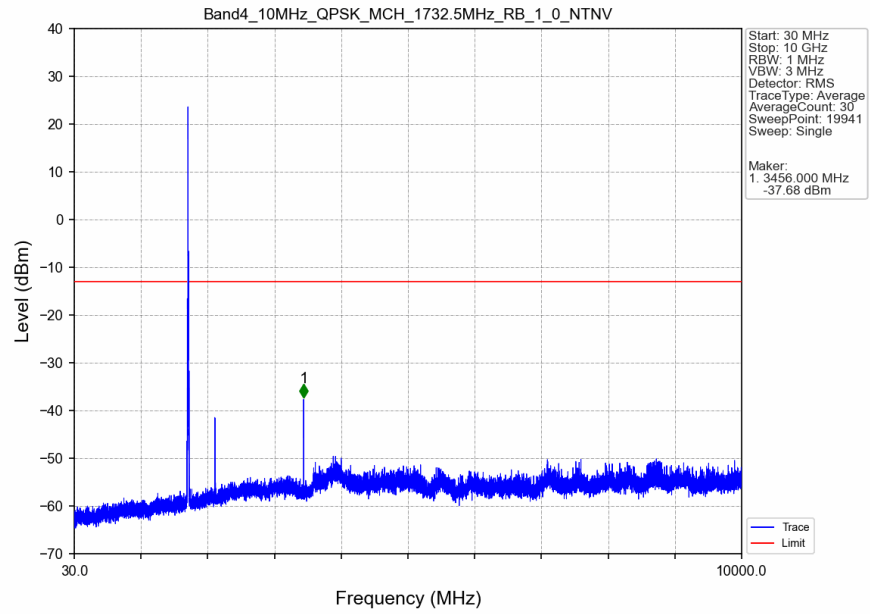


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

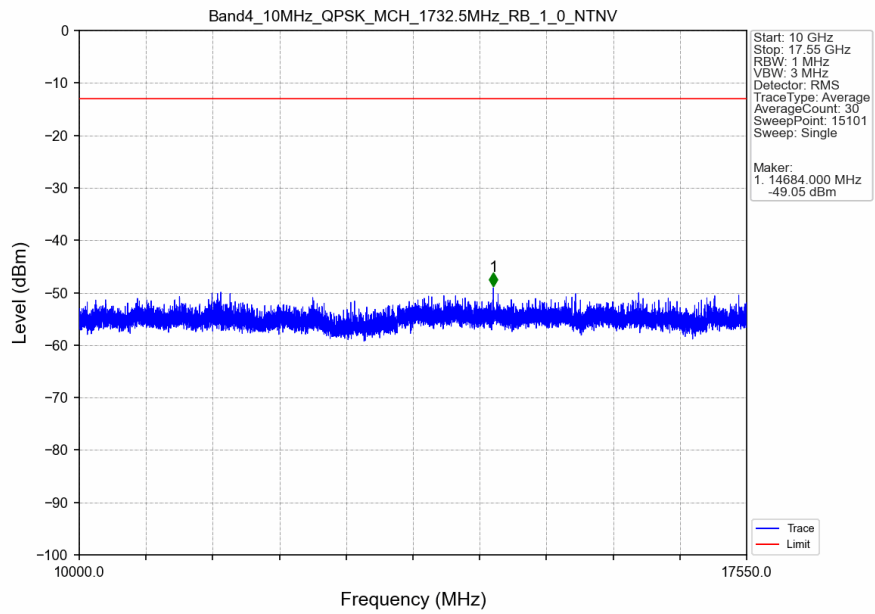


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-13.68	-13	Pass
1709	1710	0.132	CHP	2	1709.980	-21.30	-13	Pass
1710	1720	0.132	CHP	/	/	/	/	/

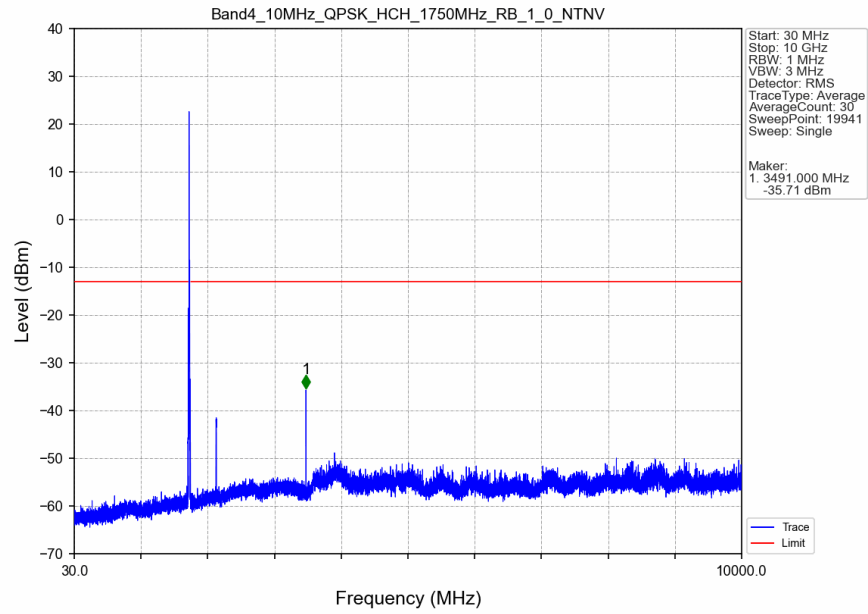
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



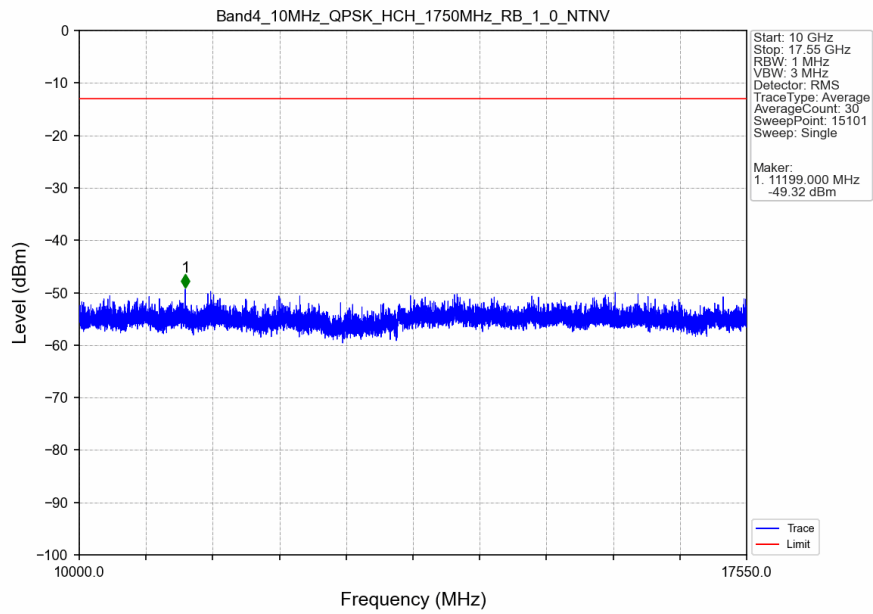
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



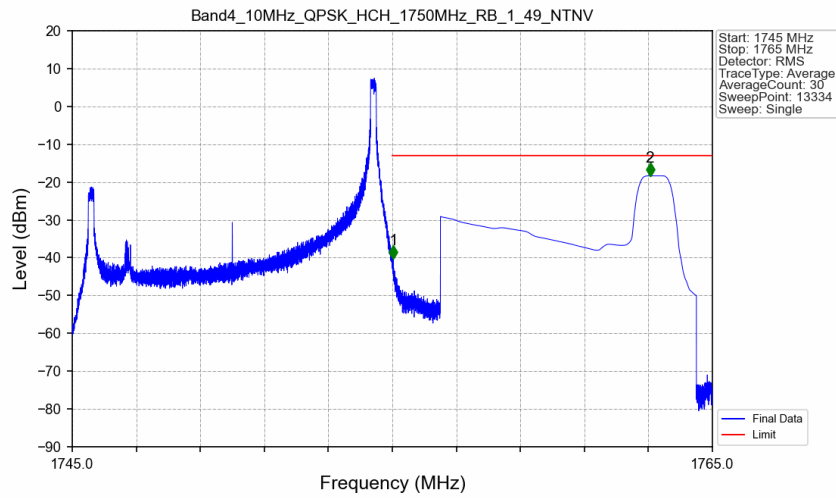
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

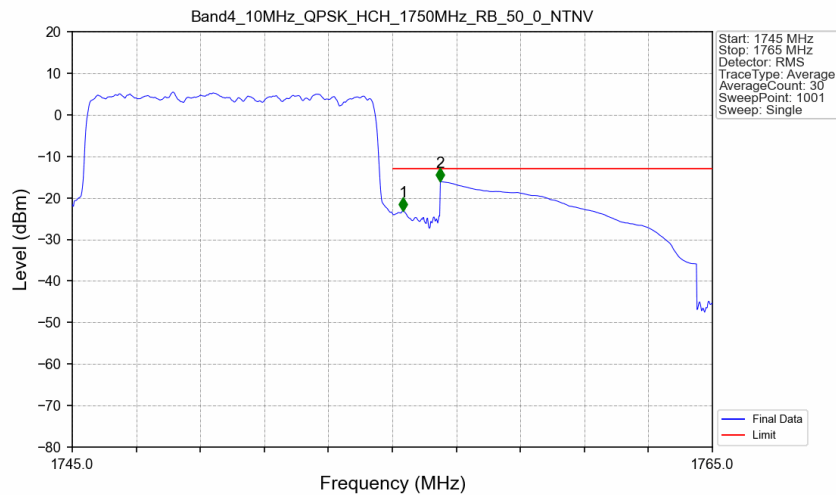


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



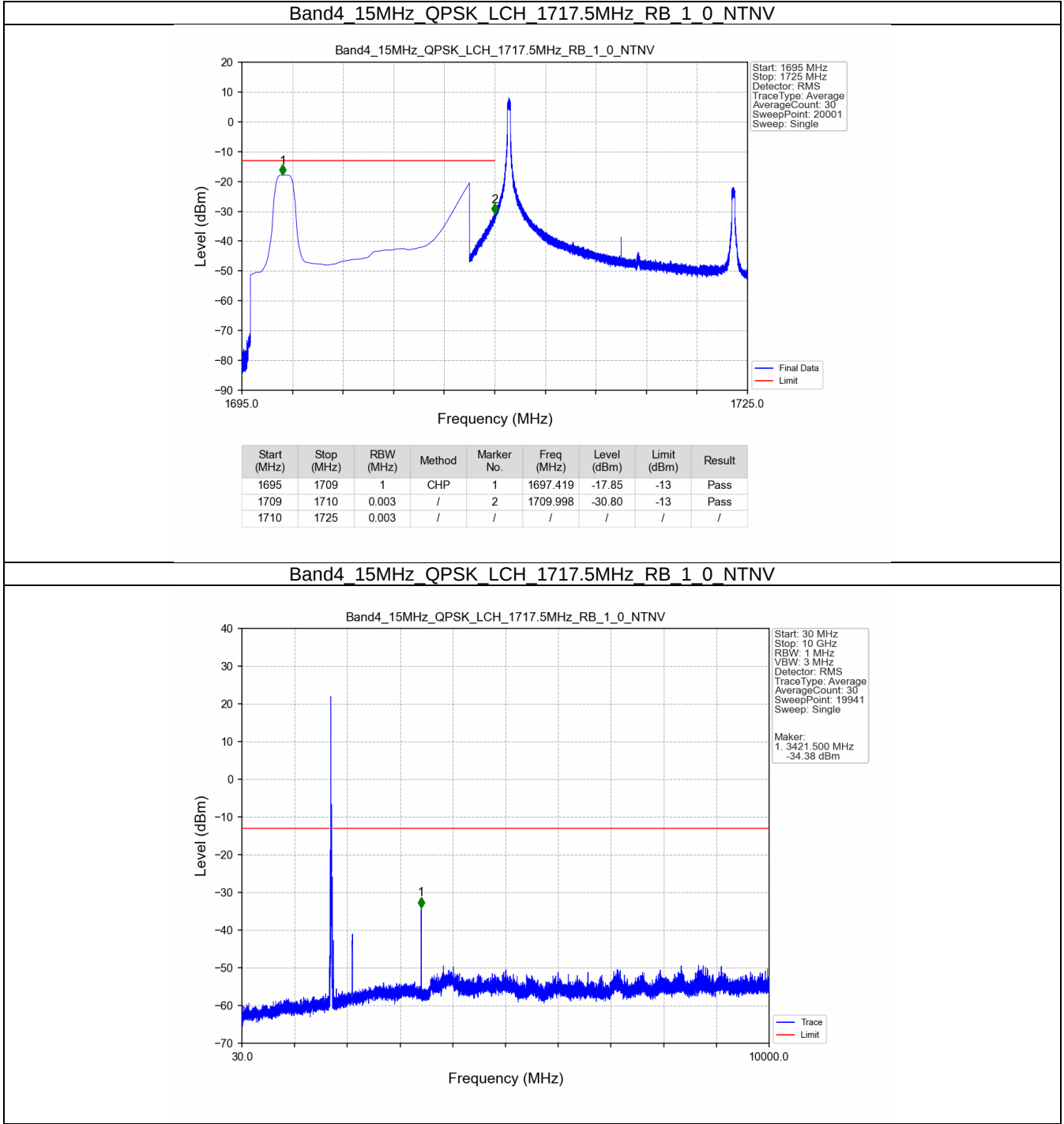
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.026	-40.19	-13	Pass
1756	1765	1	CHP	2	1763.050	-18.34	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV

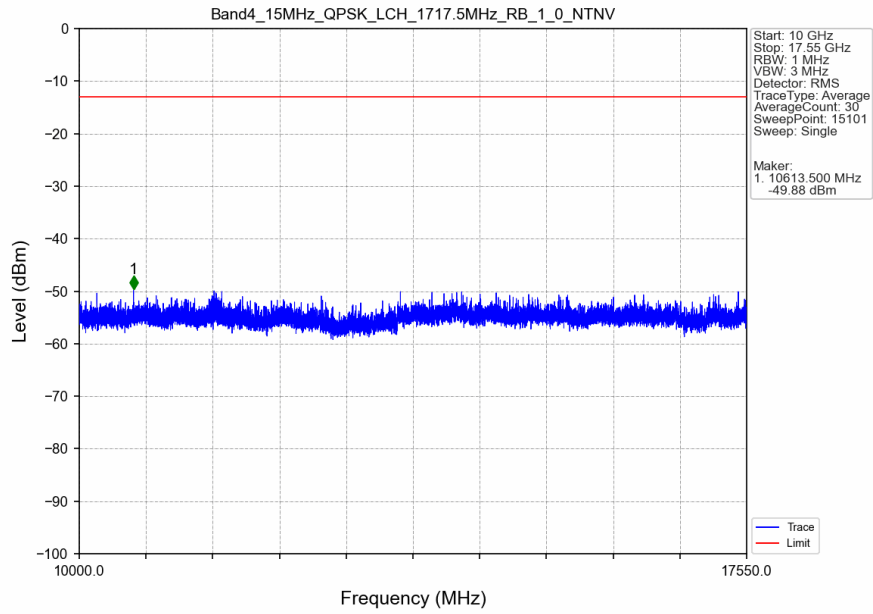


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.132	CHP	/	/	/	/	/
1755	1756	0.132	CHP	1	1755.340	-23.13	-13	Pass
1756	1765	1	CHP	2	1756.500	-16.08	-13	Pass

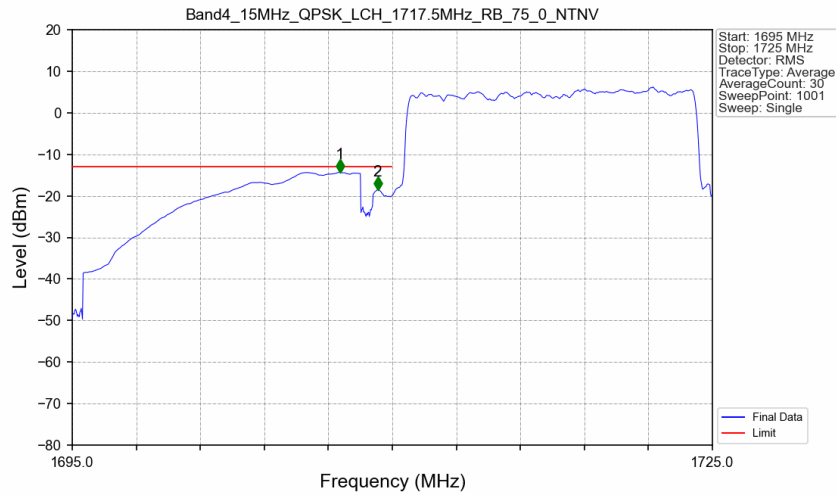
5.2.5 B4_15MHz



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

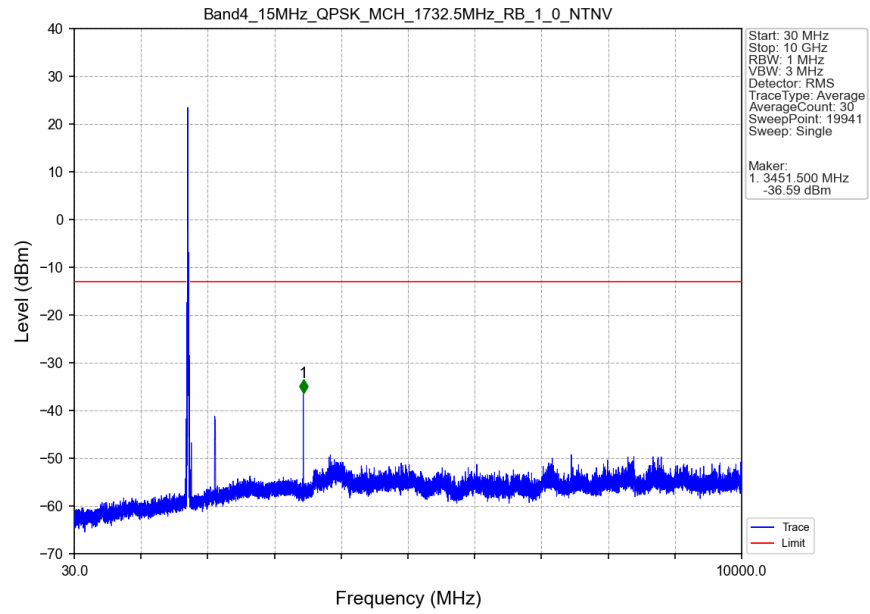


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

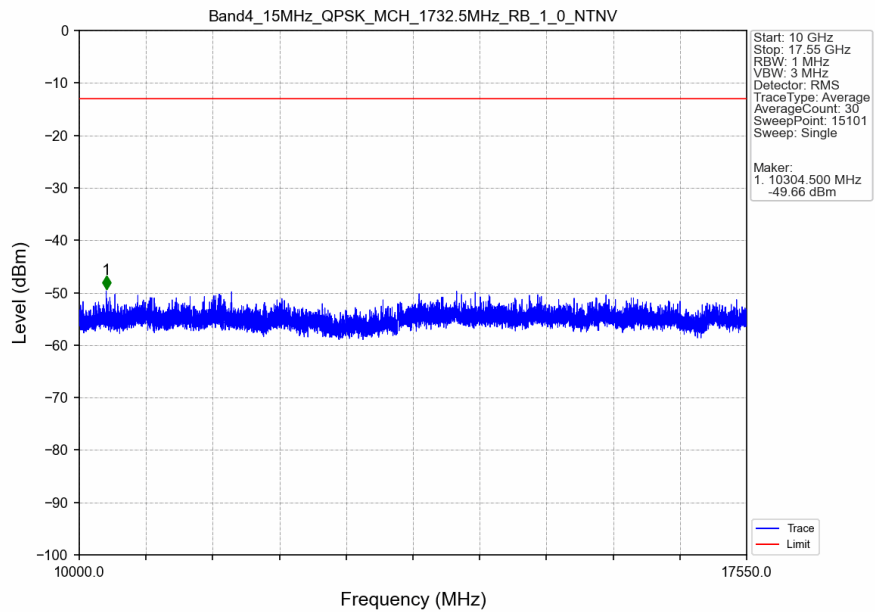


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.540	-14.34	-13	Pass
1709	1710	0.189	CHP	2	1709.310	-18.50	-13	Pass
1710	1725	0.189	CHP	/	/	/	/	/

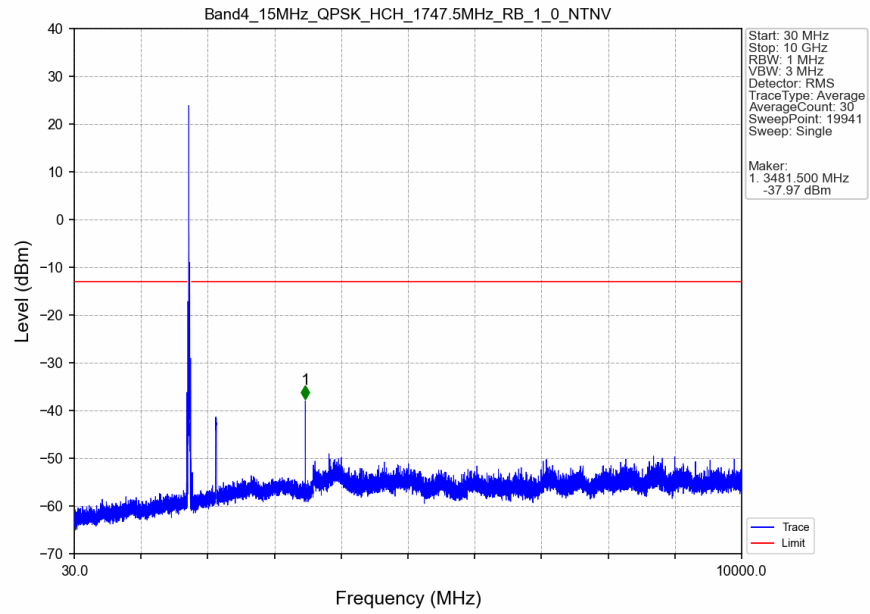
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



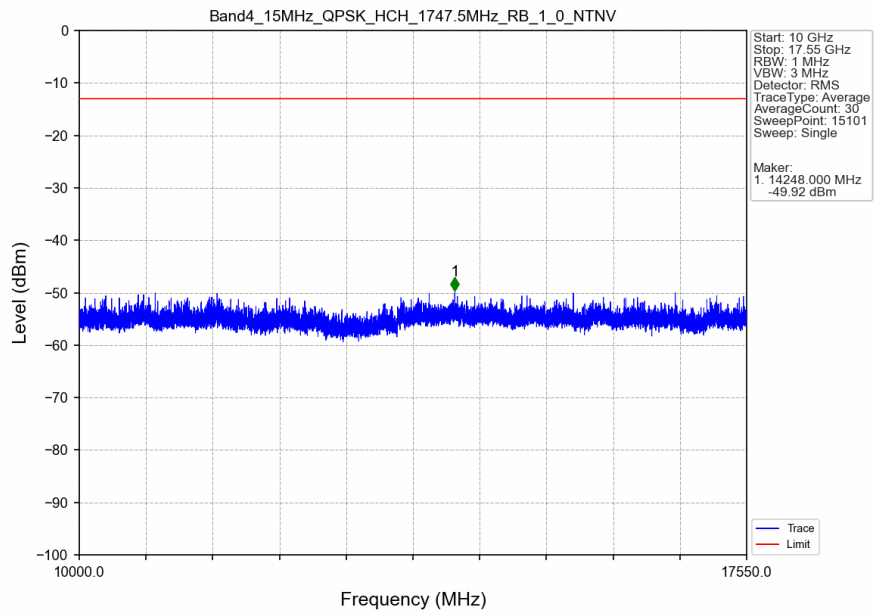
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



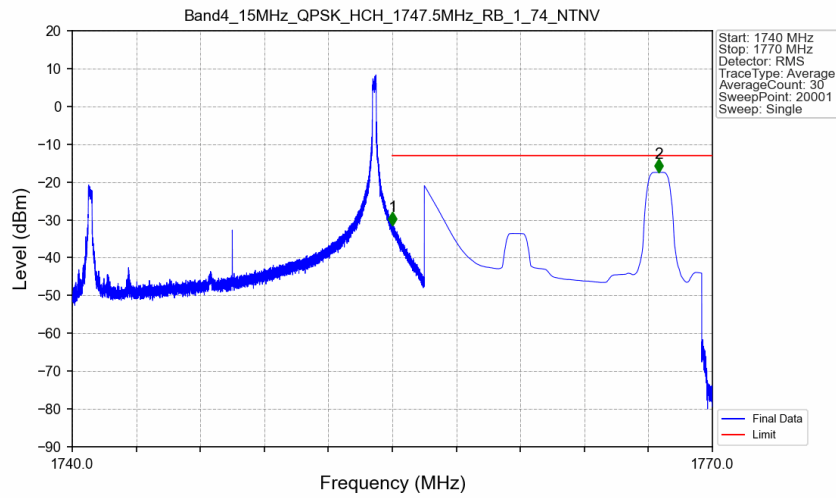
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

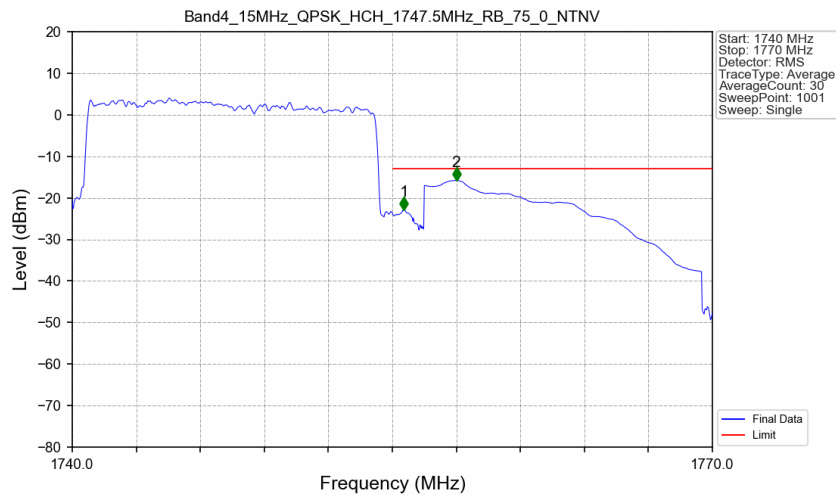


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



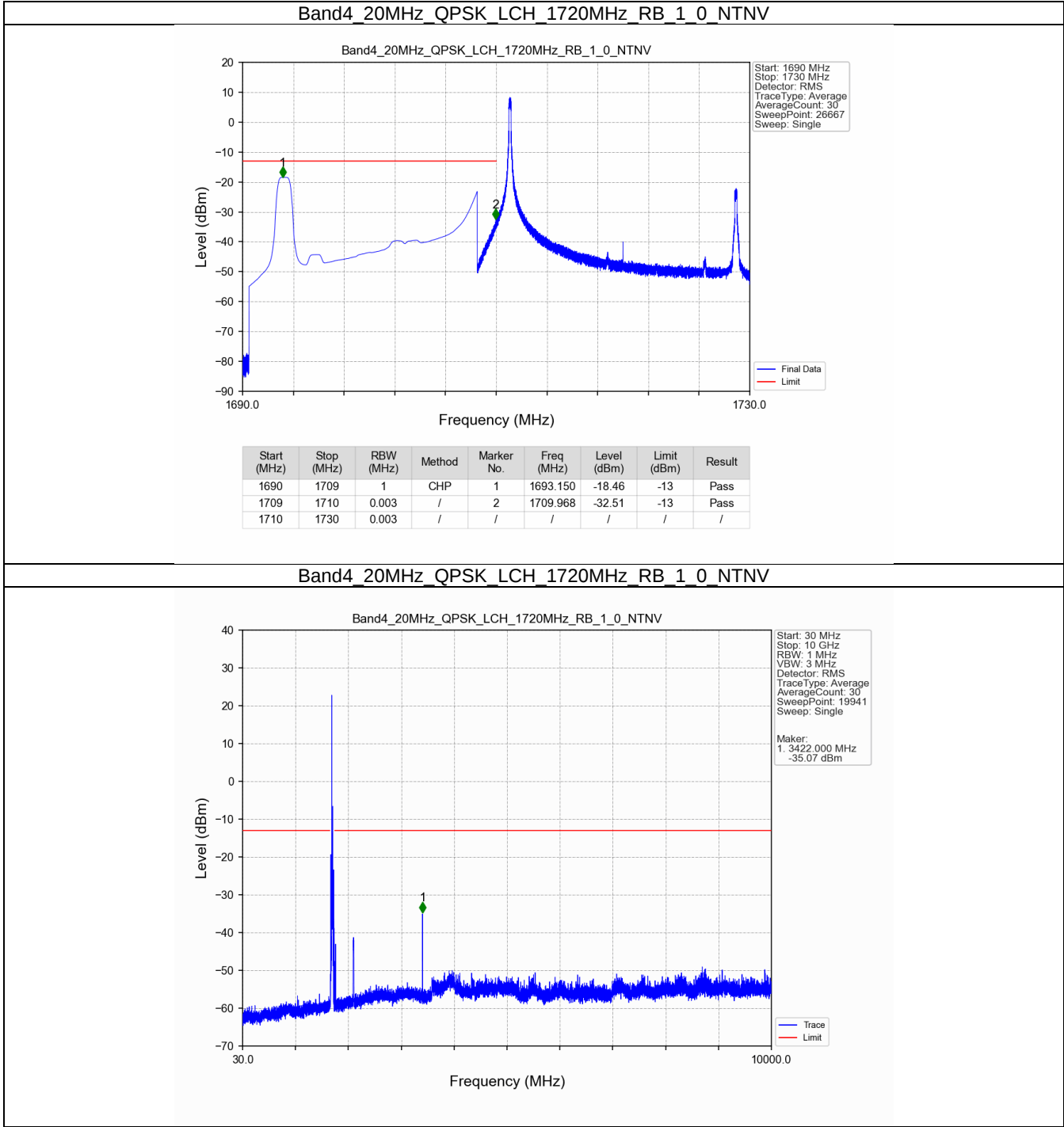
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.012	-31.36	-13	Pass
1756	1770	1	CHP	2	1767.476	-17.44	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

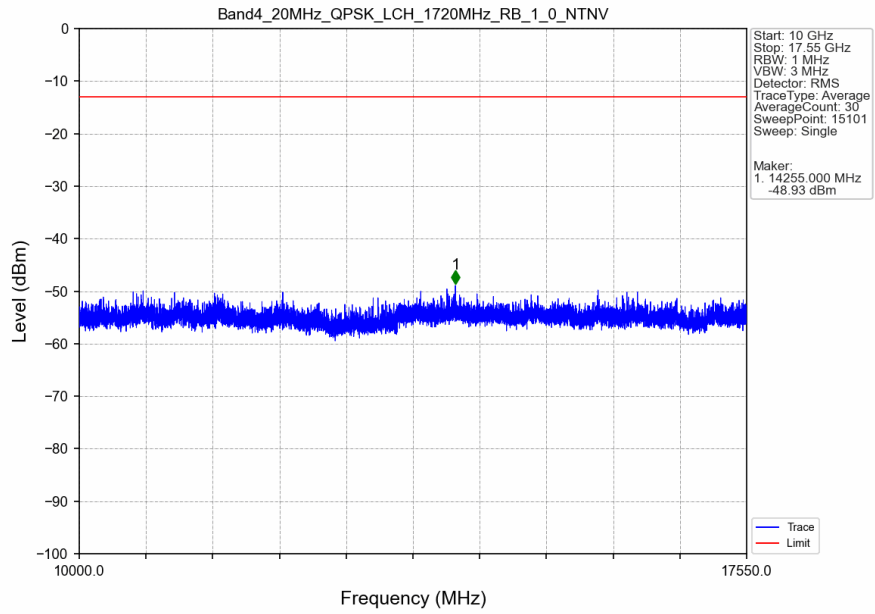


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.129	CHP	/	/	/	/	/
1755	1756	0.129	CHP	1	1755.540	-22.86	-13	Pass
1756	1770	1	CHP	2	1758.000	-15.77	-13	Pass

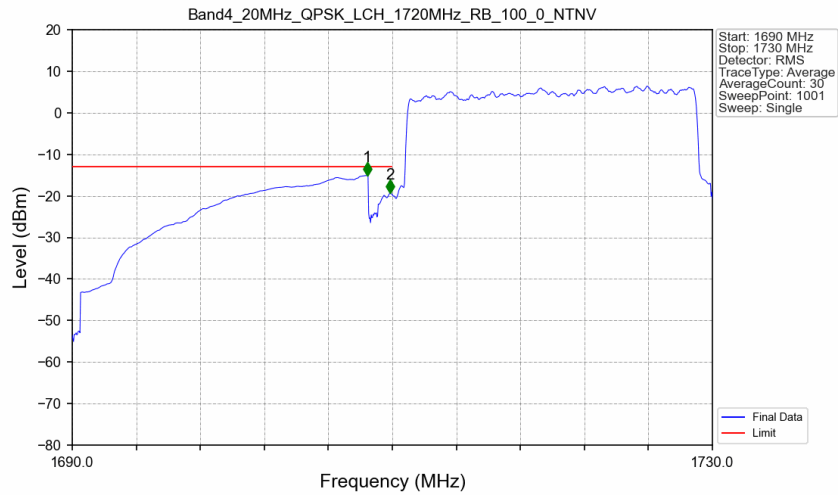
5.2.6 B4_20MHz



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

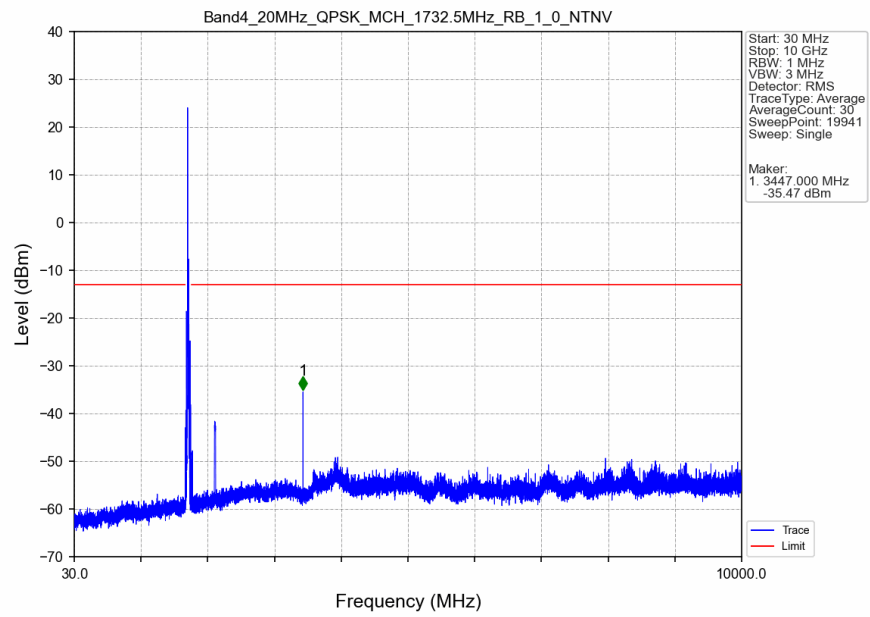


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

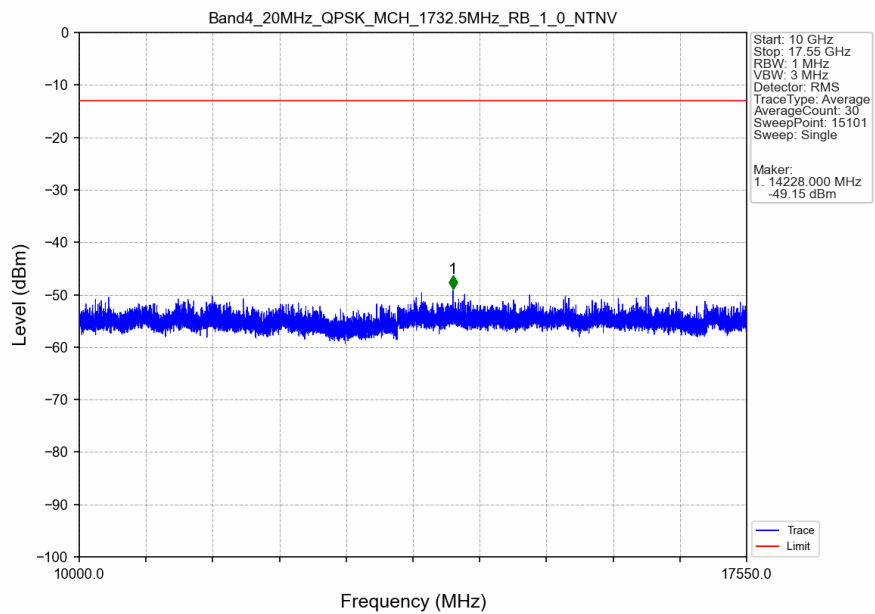


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.440	-15.05	-13	Pass
1709	1710	0.221	CHP	2	1709.880	-19.37	-13	Pass
1710	1730	0.221	CHP	/	/	/	/	/

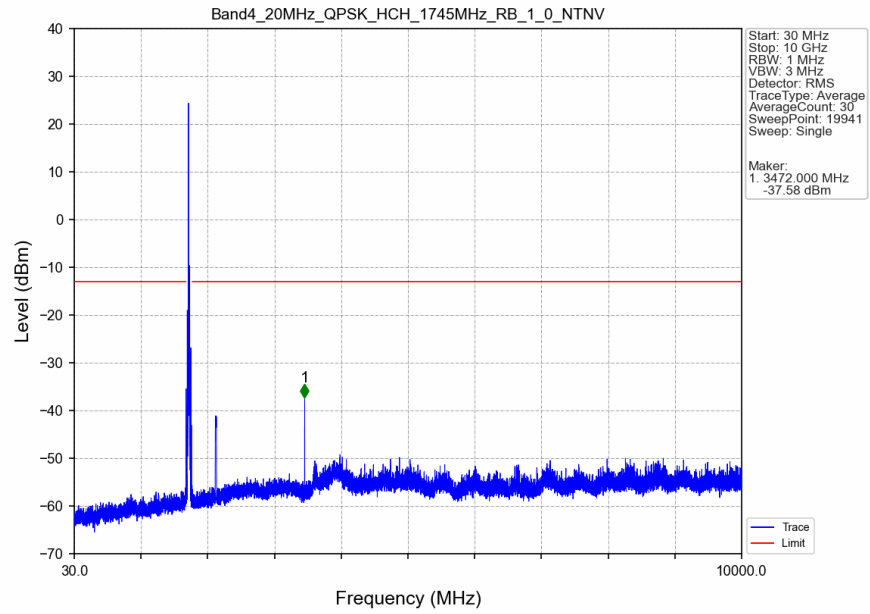
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



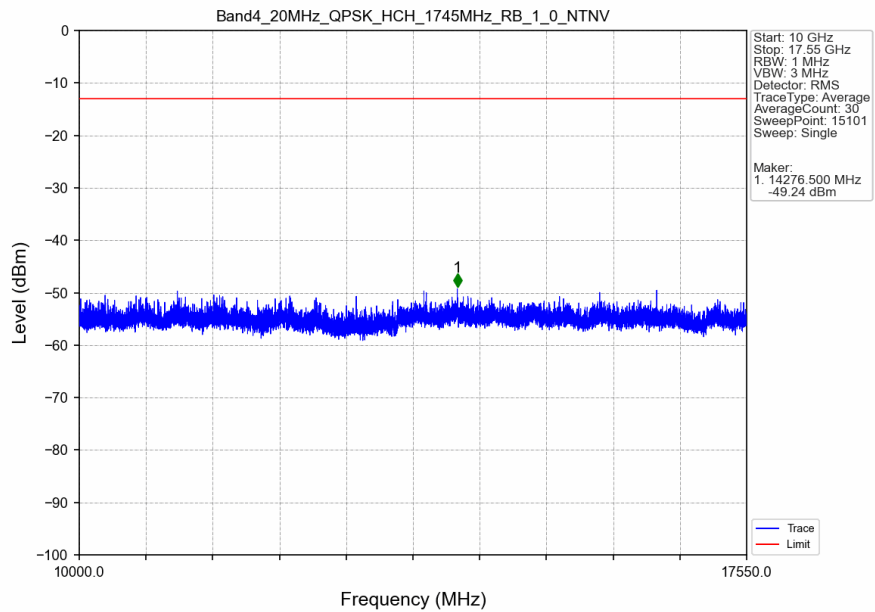
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



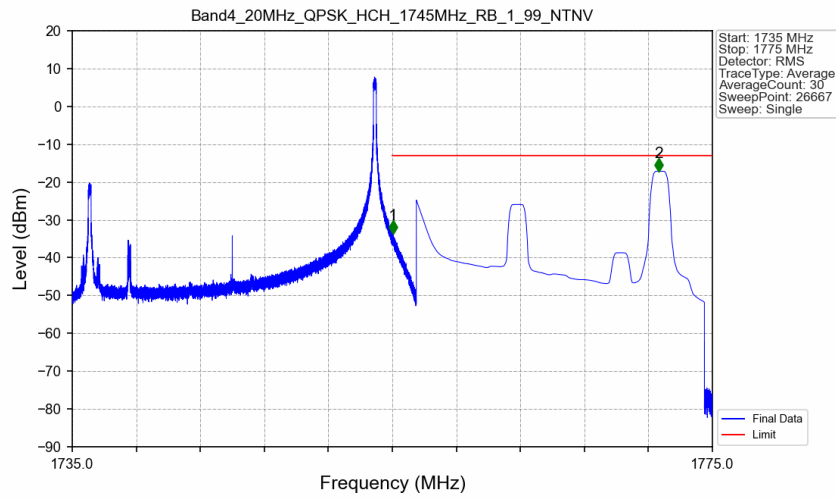
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

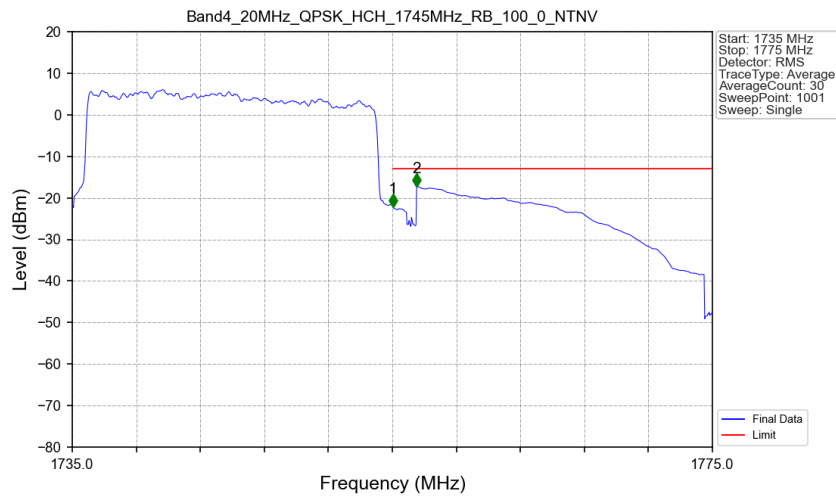


Band4 20MHz QPSK HCH 1745MHz RB 1_99 NTN



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	1755.030	-33.57	-13	Pass
1756	1775	1	CHP	2	1771.632	-17.14	-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	0.221	CHP	/	/	/	/	/
1755	1756	0.221	CHP	1	1755.040	-22.15	-13	Pass
1756	1775	1	CHP	2	1756.520	-17.22	-13	Pass