

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	22.79	3.30	26.09	<=30	Pass
			2	22.94	3.30	26.24	<=30	Pass
			5	22.92	3.30	26.22	<=30	Pass
		3	0	22.89	3.30	26.19	<=30	Pass
			2	22.90	3.30	26.20	<=30	Pass
			3	22.85	3.30	26.15	<=30	Pass
		6	0	22.04	3.30	25.34	<=30	Pass
	1732.5	1	0	21.50	3.30	24.80	<=30	Pass
			2	21.53	3.30	24.83	<=30	Pass
			5	21.76	3.30	25.06	<=30	Pass
		3	0	21.62	3.30	24.92	<=30	Pass
			2	21.59	3.30	24.89	<=30	Pass
			3	21.65	3.30	24.95	<=30	Pass
		6	0	20.66	3.30	23.96	<=30	Pass
	1754.3	1	0	23.20	3.30	26.50	<=30	Pass
			2	23.06	3.30	26.36	<=30	Pass
			5	22.97	3.30	26.27	<=30	Pass
		3	0	23.04	3.30	26.34	<=30	Pass
			2	23.02	3.30	26.32	<=30	Pass
			3	22.95	3.30	26.25	<=30	Pass
		6	0	22.18	3.30	25.48	<=30	Pass
16QAM	1710.7	1	0	21.85	3.30	25.15	<=30	Pass
			2	21.84	3.30	25.14	<=30	Pass
			5	21.84	3.30	25.14	<=30	Pass
		3	0	22.06	3.30	25.36	<=30	Pass
			2	22.07	3.30	25.37	<=30	Pass
			3	22.02	3.30	25.32	<=30	Pass
		6	0	21.03	3.30	24.33	<=30	Pass
	1732.5	1	0	20.73	3.30	24.03	<=30	Pass
			2	20.76	3.30	24.06	<=30	Pass
			5	20.80	3.30	24.10	<=30	Pass
		3	0	20.69	3.30	23.99	<=30	Pass
			2	20.73	3.30	24.03	<=30	Pass
			3	20.72	3.30	24.02	<=30	Pass
		6	0	19.92	3.30	23.22	<=30	Pass
	1754.3	1	0	22.25	3.30	25.55	<=30	Pass
			2	22.25	3.30	25.55	<=30	Pass
			5	22.21	3.30	25.51	<=30	Pass
		3	0	22.24	3.30	25.54	<=30	Pass
			2	22.21	3.30	25.51	<=30	Pass
			3	22.16	3.30	25.46	<=30	Pass
		6	0	21.16	3.30	24.46	<=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	22.74	3.30	26.04	<=30	Pass
			7	22.86	3.30	26.16	<=30	Pass
			14	22.60	3.30	25.90	<=30	Pass
		8	0	21.99	3.30	25.29	<=30	Pass
			4	21.97	3.30	25.27	<=30	Pass
			7	21.85	3.30	25.15	<=30	Pass
		15	0	21.90	3.30	25.20	<=30	Pass
	1732.5	1	0	21.40	3.30	24.70	<=30	Pass
			7	21.68	3.30	24.98	<=30	Pass
			14	21.53	3.30	24.83	<=30	Pass
		8	0	20.51	3.30	23.81	<=30	Pass
			4	20.70	3.30	24.00	<=30	Pass
			7	20.66	3.30	23.96	<=30	Pass
		15	0	20.62	3.30	23.92	<=30	Pass
	1753.5	1	0	23.30	3.30	26.60	<=30	Pass
			7	23.22	3.30	26.52	<=30	Pass
			14	22.88	3.30	26.18	<=30	Pass
		8	0	22.25	3.30	25.55	<=30	Pass
			4	22.22	3.30	25.52	<=30	Pass
			7	22.13	3.30	25.43	<=30	Pass
		15	0	22.18	3.30	25.48	<=30	Pass
16QAM	1711.5	1	0	22.26	3.30	25.56	<=30	Pass
			7	22.32	3.30	25.62	<=30	Pass
			14	21.99	3.30	25.29	<=30	Pass
		8	0	21.09	3.30	24.39	<=30	Pass
			4	21.12	3.30	24.42	<=30	Pass
			7	21.02	3.30	24.32	<=30	Pass
		15	0	20.98	3.30	24.28	<=30	Pass
	1732.5	1	0	20.50	3.30	23.80	<=30	Pass
			7	20.70	3.30	24.00	<=30	Pass
			14	20.58	3.30	23.88	<=30	Pass
		8	0	19.79	3.30	23.09	<=30	Pass
			4	19.89	3.30	23.19	<=30	Pass
			7	19.88	3.30	23.18	<=30	Pass
		15	0	19.79	3.30	23.09	<=30	Pass
	1753.5	1	0	22.07	3.30	25.37	<=30	Pass
			7	22.07	3.30	25.37	<=30	Pass
			14	21.74	3.30	25.04	<=30	Pass
		8	0	21.39	3.30	24.69	<=30	Pass
			4	21.37	3.30	24.67	<=30	Pass
			7	21.24	3.30	24.54	<=30	Pass
		15	0	21.34	3.30	24.64	<=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	22.96	3.30	26.26	<=30	Pass
			13	22.69	3.30	25.99	<=30	Pass
			24	22.34	3.30	25.64	<=30	Pass
		12	0	21.94	3.30	25.24	<=30	Pass
			6	21.82	3.30	25.12	<=30	Pass
			13	21.60	3.30	24.90	<=30	Pass
		25	0	21.77	3.30	25.07	<=30	Pass
	1732.5	1	0	21.55	3.30	24.85	<=30	Pass
			13	21.70	3.30	25.00	<=30	Pass
			24	21.83	3.30	25.13	<=30	Pass
		12	0	20.67	3.30	23.97	<=30	Pass
			6	20.74	3.30	24.04	<=30	Pass
			13	20.81	3.30	24.11	<=30	Pass
		25	0	20.70	3.30	24.00	<=30	Pass
	1752.5	1	0	23.72	3.30	27.02	<=30	Pass
			13	23.32	3.30	26.62	<=30	Pass
			24	23.10	3.30	26.40	<=30	Pass
		12	0	22.62	3.30	25.92	<=30	Pass
			6	22.51	3.30	25.81	<=30	Pass
			13	22.39	3.30	25.69	<=30	Pass
		25	0	22.54	3.30	25.84	<=30	Pass
16QAM	1712.5	1	0	22.29	3.30	25.59	<=30	Pass
			13	22.04	3.30	25.34	<=30	Pass
			24	21.64	3.30	24.94	<=30	Pass
		12	0	21.12	3.30	24.42	<=30	Pass
			6	21.03	3.30	24.33	<=30	Pass
			13	20.83	3.30	24.13	<=30	Pass
		25	0	21.03	3.30	24.33	<=30	Pass
	1732.5	1	0	20.72	3.30	24.02	<=30	Pass
			13	20.86	3.30	24.16	<=30	Pass
			24	21.02	3.30	24.32	<=30	Pass
		12	0	19.84	3.30	23.14	<=30	Pass
			6	19.93	3.30	23.23	<=30	Pass
			13	20.02	3.30	23.32	<=30	Pass
		25	0	19.94	3.30	23.24	<=30	Pass
	1752.5	1	0	22.85	3.30	26.15	<=30	Pass
			13	22.57	3.30	25.87	<=30	Pass
			24	22.38	3.30	25.68	<=30	Pass
		12	0	21.69	3.30	24.99	<=30	Pass
			6	21.57	3.30	24.87	<=30	Pass
			13	21.45	3.30	24.75	<=30	Pass
		25	0	21.65	3.30	24.95	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.22	3.30	26.52	<=30	Pass
			25	22.28	3.30	25.58	<=30	Pass
			49	21.71	3.30	25.01	<=30	Pass
		25	0	21.97	3.30	25.27	<=30	Pass
			13	21.40	3.30	24.70	<=30	Pass
			25	21.13	3.30	24.43	<=30	Pass
		50	0	21.53	3.30	24.83	<=30	Pass
	1732.5	1	0	21.50	3.30	24.80	<=30	Pass
			25	21.77	3.30	25.07	<=30	Pass
			49	22.15	3.30	25.45	<=30	Pass
		25	0	20.65	3.30	23.95	<=30	Pass
			13	20.77	3.30	24.07	<=30	Pass
			25	20.94	3.30	24.24	<=30	Pass
		50	0	20.76	3.30	24.06	<=30	Pass
	1750	1	0	23.54	3.30	26.84	<=30	Pass
			25	23.76	3.30	27.06	<=30	Pass
			49	23.15	3.30	26.45	<=30	Pass
		25	0	22.63	3.30	25.93	<=30	Pass
			13	22.65	3.30	25.95	<=30	Pass
			25	22.49	3.30	25.79	<=30	Pass
		50	0	22.58	3.30	25.88	<=30	Pass
16QAM	1715	1	0	22.59	3.30	25.89	<=30	Pass
			25	21.82	3.30	25.12	<=30	Pass
			49	21.21	3.30	24.51	<=30	Pass
		12	0	22.23	3.30	25.53	<=30	Pass
			19	21.58	3.30	24.88	<=30	Pass
			38	21.10	3.30	24.40	<=30	Pass
		27	0	21.07	3.30	24.37	<=30	Pass
	1732.5	1	0	20.55	3.30	23.85	<=30	Pass
			25	20.79	3.30	24.09	<=30	Pass
			49	21.21	3.30	24.51	<=30	Pass
		12	0	20.54	3.30	23.84	<=30	Pass
			19	20.71	3.30	24.01	<=30	Pass
			38	21.07	3.30	24.37	<=30	Pass
		27	0	19.74	3.30	23.04	<=30	Pass
	1750	1	0	22.34	3.30	25.64	<=30	Pass
			25	22.58	3.30	25.88	<=30	Pass
			49	22.11	3.30	25.41	<=30	Pass
		12	0	22.68	3.30	25.98	<=30	Pass
			19	22.75	3.30	26.05	<=30	Pass
			38	22.50	3.30	25.80	<=30	Pass
		27	23	21.65	3.30	24.95	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.21	3.30	26.51	<=30	Pass
			38	22.18	3.30	25.48	<=30	Pass
			74	21.55	3.30	24.85	<=30	Pass
		36	0	21.90	3.30	25.20	<=30	Pass
			18	21.40	3.30	24.70	<=30	Pass
			39	20.98	3.30	24.28	<=30	Pass
		75	0	21.40	3.30	24.70	<=30	Pass
	1732.5	1	0	21.40	3.30	24.70	<=30	Pass
			38	21.79	3.30	25.09	<=30	Pass
			74	22.55	3.30	25.85	<=30	Pass
		36	0	20.61	3.30	23.91	<=30	Pass
			18	20.85	3.30	24.15	<=30	Pass
			39	21.16	3.30	24.46	<=30	Pass
		75	0	20.85	3.30	24.15	<=30	Pass
	1747.5	1	0	22.40	3.30	25.70	<=30	Pass
			38	23.49	3.30	26.79	<=30	Pass
			74	23.28	3.30	26.58	<=30	Pass
		36	0	22.16	3.30	25.46	<=30	Pass
			18	22.56	3.30	25.86	<=30	Pass
			39	22.59	3.30	25.89	<=30	Pass
		75	0	22.41	3.30	25.71	<=30	Pass
16QAM	1717.5	1	0	22.38	3.30	25.68	<=30	Pass
			38	21.19	3.30	24.49	<=30	Pass
			74	20.56	3.30	23.86	<=30	Pass
		12	0	22.23	3.30	25.53	<=30	Pass
			31	21.20	3.30	24.50	<=30	Pass
			63	20.69	3.30	23.99	<=30	Pass
		27	0	21.16	3.30	24.46	<=30	Pass
	1732.5	1	0	20.54	3.30	23.84	<=30	Pass
			38	20.89	3.30	24.19	<=30	Pass
			74	21.64	3.30	24.94	<=30	Pass
		12	0	20.51	3.30	23.81	<=30	Pass
			31	20.75	3.30	24.05	<=30	Pass
			63	21.49	3.30	24.79	<=30	Pass
		27	0	19.89	3.30	23.19	<=30	Pass
	1747.5	1	0	21.77	3.30	25.07	<=30	Pass
			38	22.54	3.30	25.84	<=30	Pass
			74	22.36	3.30	25.66	<=30	Pass
		12	0	21.93	3.30	25.23	<=30	Pass
			31	22.48	3.30	25.78	<=30	Pass
			63	22.36	3.30	25.66	<=30	Pass
		27	48	21.63	3.30	24.93	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.93	3.30	26.23	<=30	Pass
			50	21.86	3.30	25.16	<=30	Pass
			99	21.52	3.30	24.82	<=30	Pass
		50	0	21.55	3.30	24.85	<=30	Pass
			25	21.10	3.30	24.40	<=30	Pass
			50	20.76	3.30	24.06	<=30	Pass
		100	0	21.28	3.30	24.58	<=30	Pass
	1732.5	1	0	21.55	3.30	24.85	<=30	Pass
			50	21.70	3.30	25.00	<=30	Pass
			99	22.92	3.30	26.22	<=30	Pass
		50	0	20.67	3.30	23.97	<=30	Pass
			25	20.96	3.30	24.26	<=30	Pass
			50	21.36	3.30	24.66	<=30	Pass
		100	0	20.99	3.30	24.29	<=30	Pass
	1745	1	0	21.35	3.30	24.65	<=30	Pass
			50	22.92	3.30	26.22	<=30	Pass
			99	23.02	3.30	26.32	<=30	Pass
		50	0	21.41	3.30	24.71	<=30	Pass
			25	22.07	3.30	25.37	<=30	Pass
			50	22.42	3.30	25.72	<=30	Pass
		100	0	22.19	3.30	25.49	<=30	Pass
16QAM	1720	1	0	22.67	3.30	25.97	<=30	Pass
			50	21.49	3.30	24.79	<=30	Pass
			99	21.13	3.30	24.43	<=30	Pass
		12	0	22.21	3.30	25.51	<=30	Pass
			44	21.03	3.30	24.33	<=30	Pass
			88	20.69	3.30	23.99	<=30	Pass
		27	0	21.04	3.30	24.34	<=30	Pass
	1732.5	1	0	21.06	3.30	24.36	<=30	Pass
			50	21.30	3.30	24.60	<=30	Pass
			99	22.49	3.30	25.79	<=30	Pass
		12	0	20.64	3.30	23.94	<=30	Pass
			44	20.92	3.30	24.22	<=30	Pass
			88	21.99	3.30	25.29	<=30	Pass
		27	0	19.84	3.30	23.14	<=30	Pass
	1745	1	0	21.44	3.30	24.74	<=30	Pass
			50	22.66	3.30	25.96	<=30	Pass
			99	22.76	3.30	26.06	<=30	Pass
		12	0	21.22	3.30	24.52	<=30	Pass
			44	22.31	3.30	25.61	<=30	Pass
			88	22.51	3.30	25.81	<=30	Pass
		27	73	21.63	3.30	24.93	<=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	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1732.5	50	0	20	LV	-2.618	-0.0015	-2.5 to 2.5	Pass
					NV	0.887	0.0005	-2.5 to 2.5	Pass
					HV	1.259	0.0007	-2.5 to 2.5	Pass
				-30	NV	0.587	0.0003	-2.5 to 2.5	Pass
				-20	NV	-0.572	-0.0003	-2.5 to 2.5	Pass
				-10	NV	0.587	0.0003	-2.5 to 2.5	Pass
				0	NV	0.215	0.0001	-2.5 to 2.5	Pass
				10	NV	0.544	0.0003	-2.5 to 2.5	Pass
				30	NV	1.330	0.0008	-2.5 to 2.5	Pass
				40	NV	0.858	0.0005	-2.5 to 2.5	Pass
				50	NV	-0.029	0.0000	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

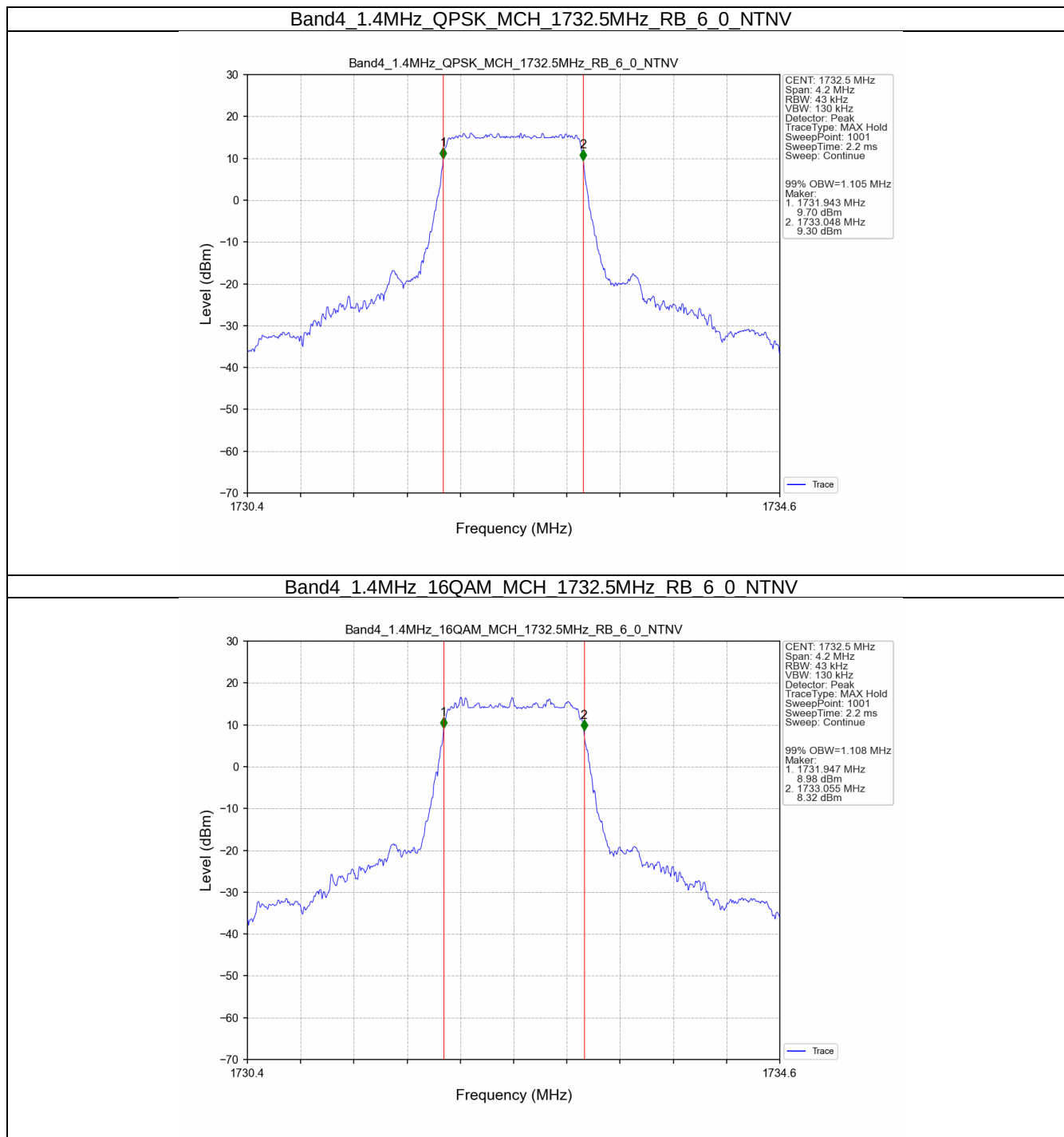
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.105	/	Pass
	16QAM	1732.5	6	0	1.108	/	Pass
3	QPSK	1732.5	15	0	2.748	/	Pass
	16QAM	1732.5	15	0	2.761	/	Pass
5	QPSK	1732.5	25	0	4.576	/	Pass
	16QAM	1732.5	25	0	4.538	/	Pass
10	QPSK	1732.5	50	0	9.097	/	Pass
	16QAM	1732.5	27	0	5.131	/	Pass
15	QPSK	1732.5	75	0	13.654	/	Pass
	16QAM	1732.5	27	0	5.435	/	Pass
20	QPSK	1732.5	100	0	18.176	/	Pass
	16QAM	1732.5	27	0	5.640	/	Pass

3.1.2 Band4_26DB

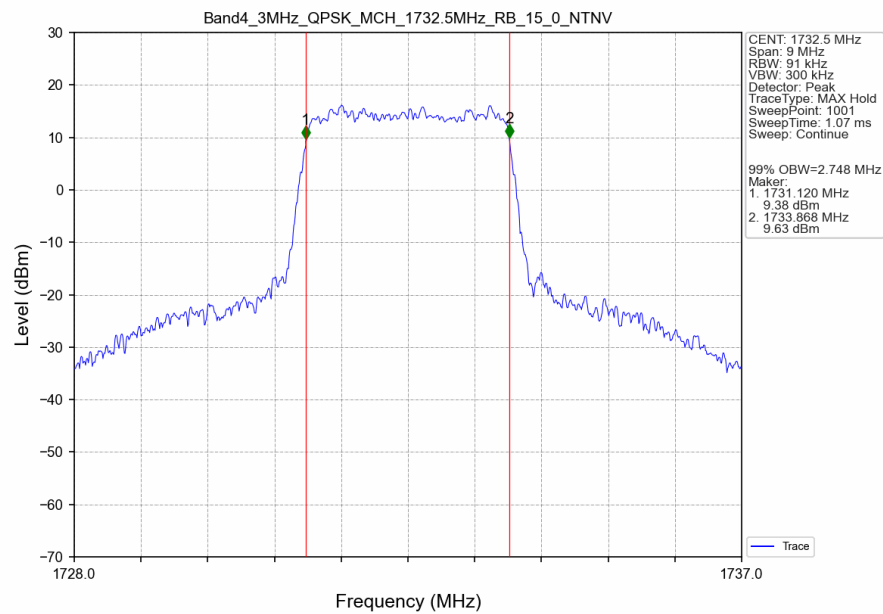
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.323	/	Pass
	16QAM	1732.5	6	0	1.308	/	Pass
3	QPSK	1732.5	15	0	3.100	/	Pass
	16QAM	1732.5	15	0	3.129	/	Pass
5	QPSK	1732.5	25	0	5.220	/	Pass
	16QAM	1732.5	25	0	5.137	/	Pass
10	QPSK	1732.5	50	0	10.343	/	Pass
	16QAM	1732.5	27	0	6.321	/	Pass
15	QPSK	1732.5	75	0	15.601	/	Pass
	16QAM	1732.5	27	0	7.234	/	Pass
20	QPSK	1732.5	100	0	20.584	/	Pass
	16QAM	1732.5	27	0	7.607	/	Pass

3.2 Test Graph

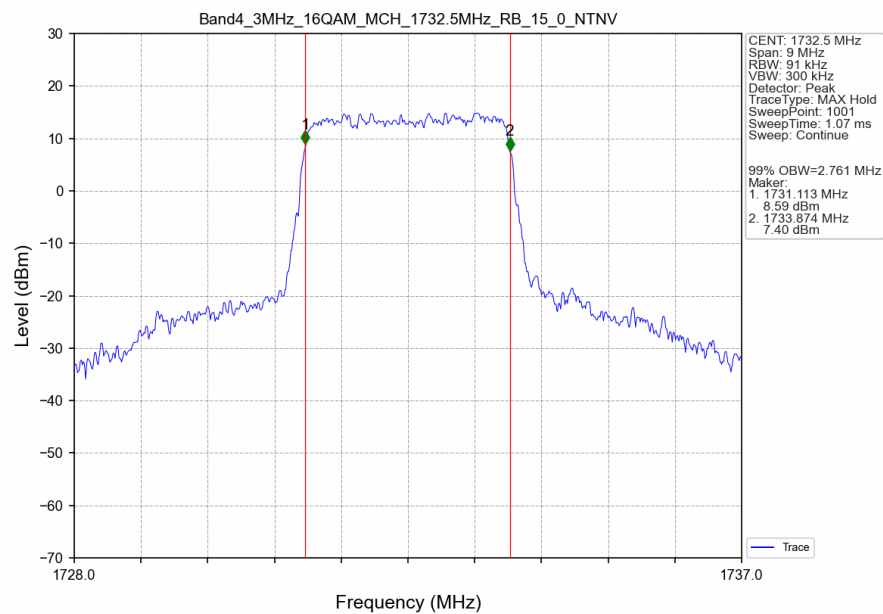
3.2.1 Band4_OBW



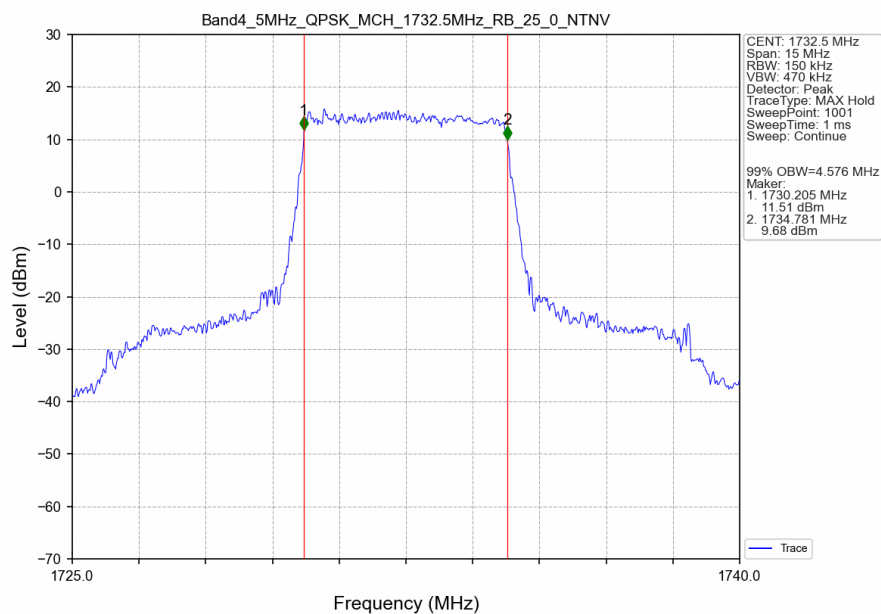
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



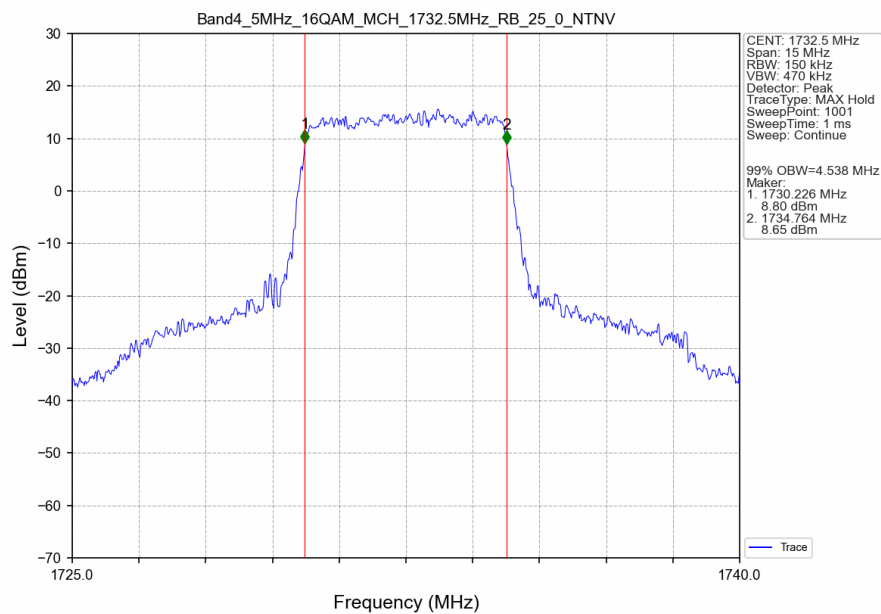
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



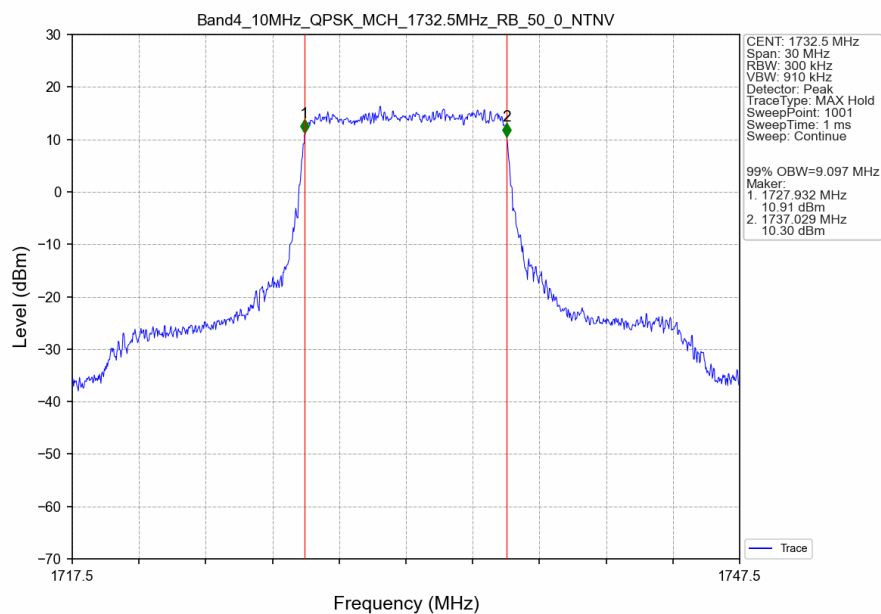
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



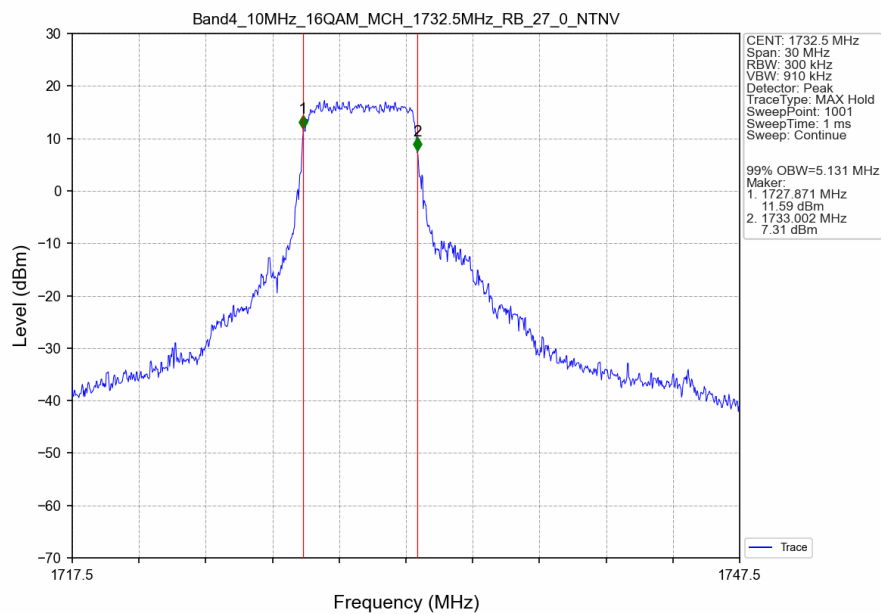
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



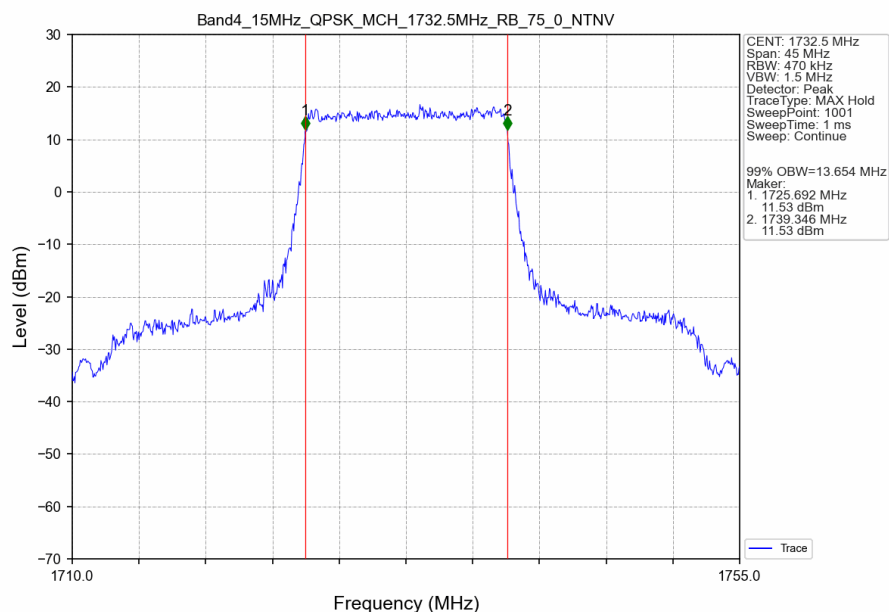
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



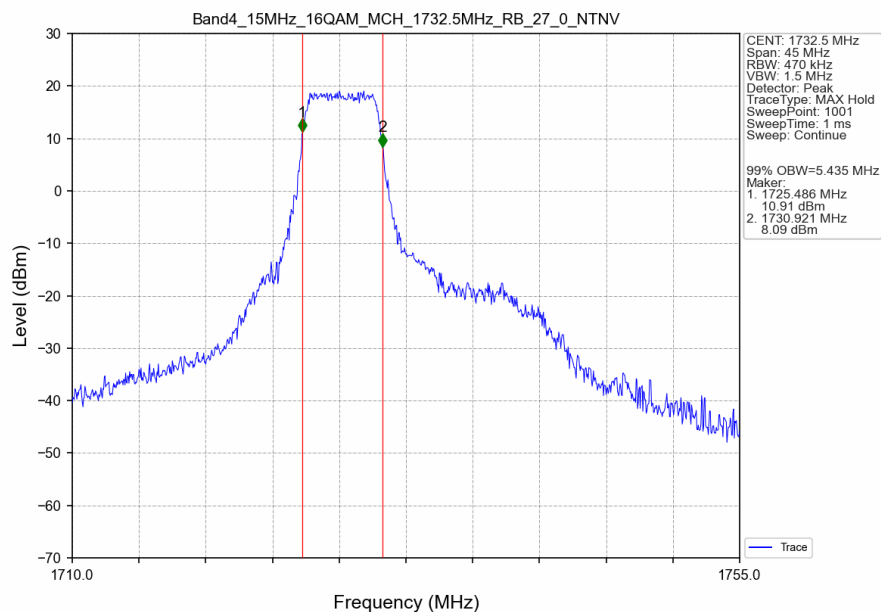
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



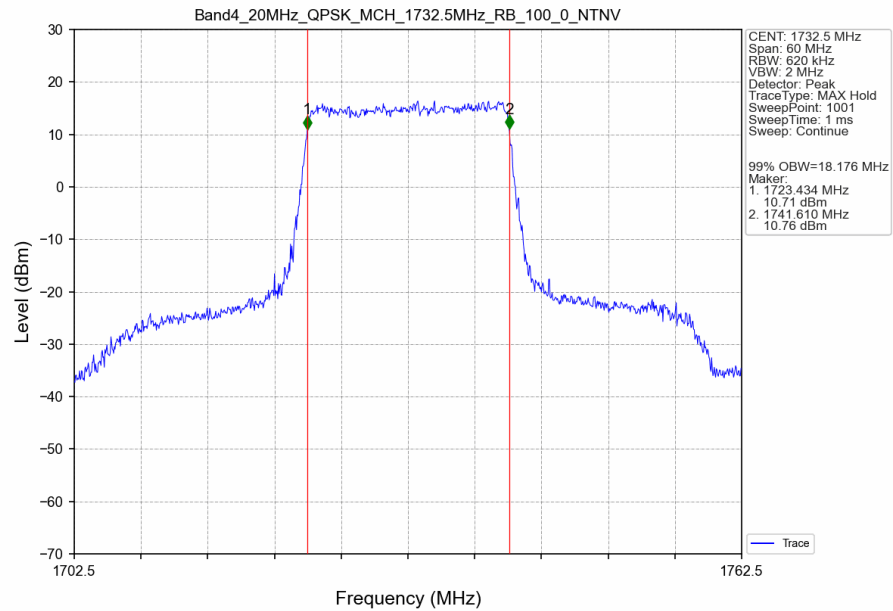
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



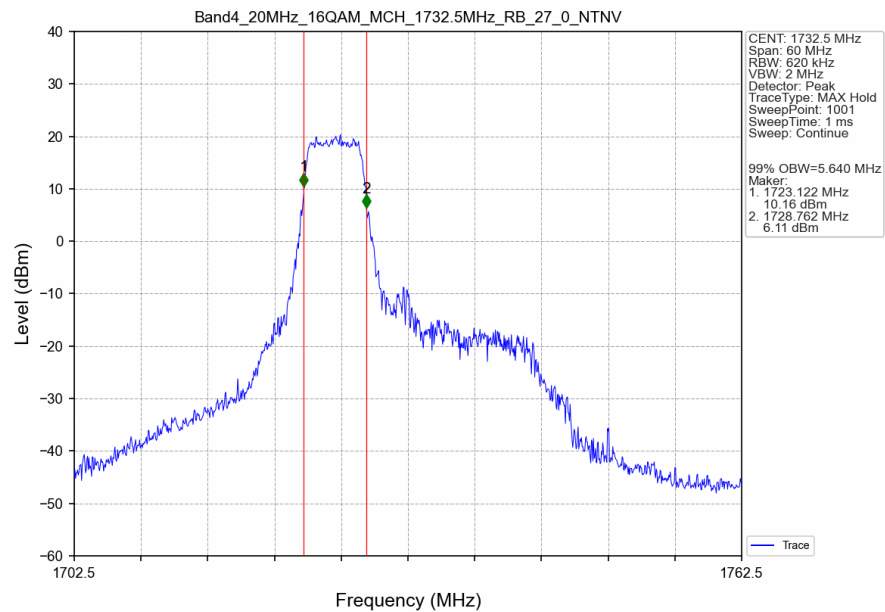
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



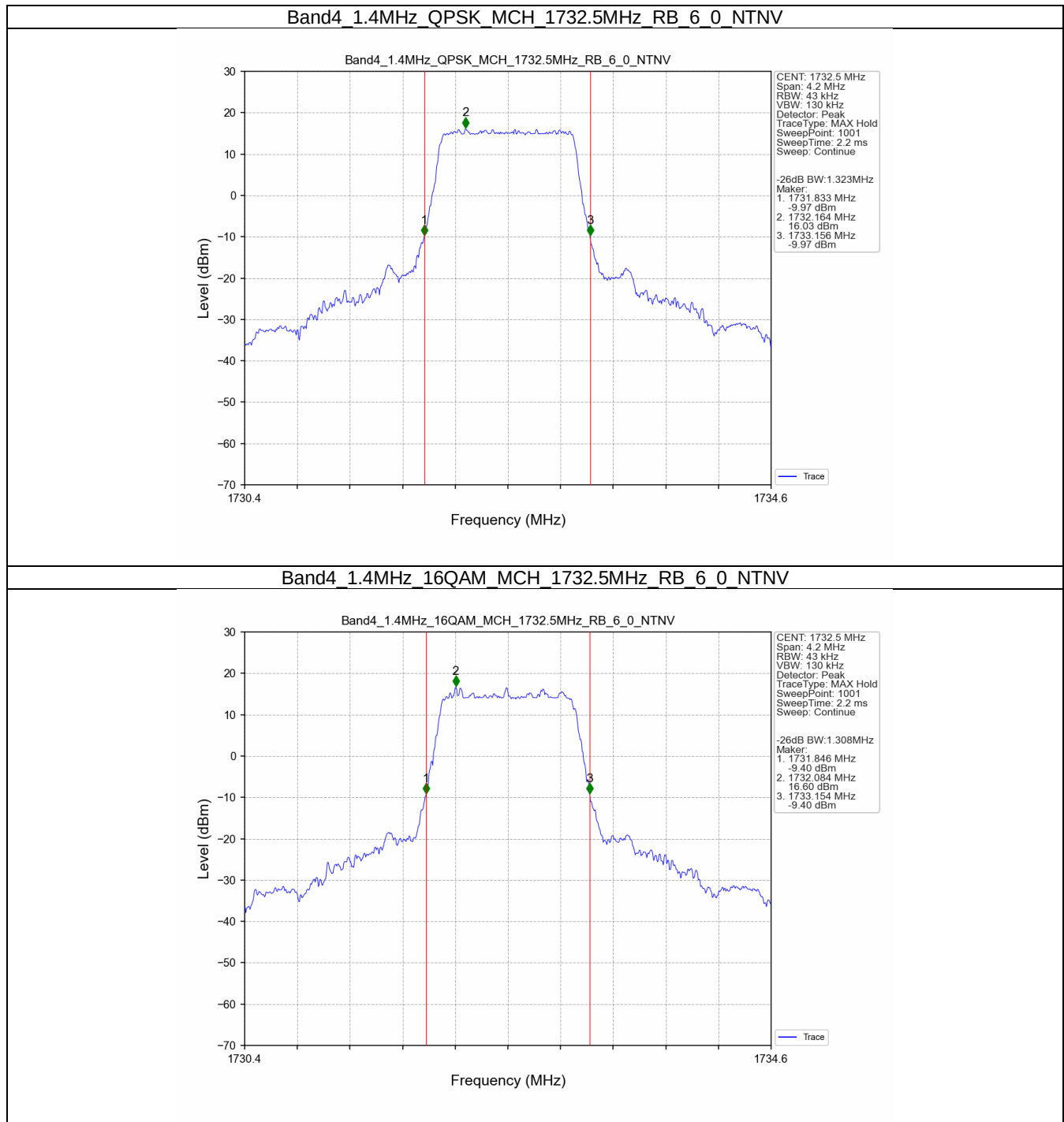
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



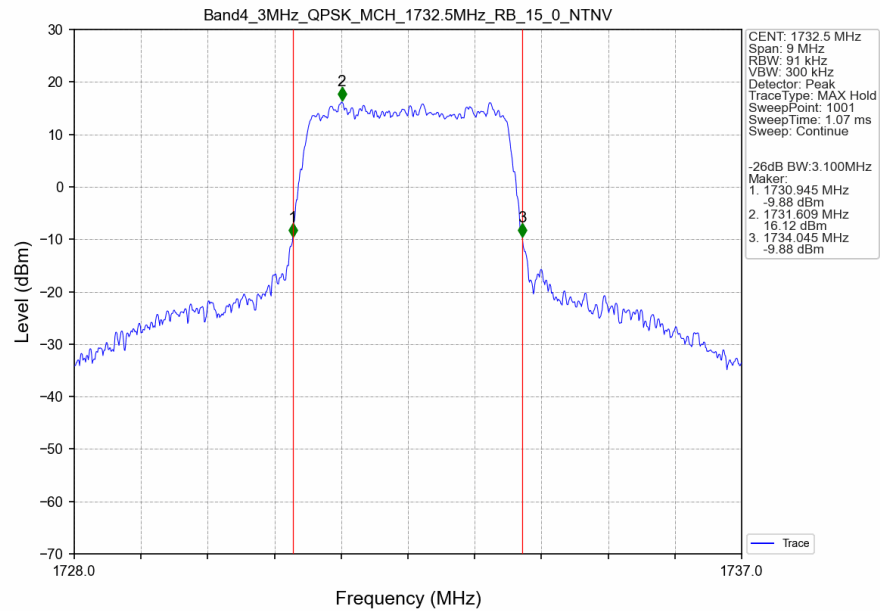
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



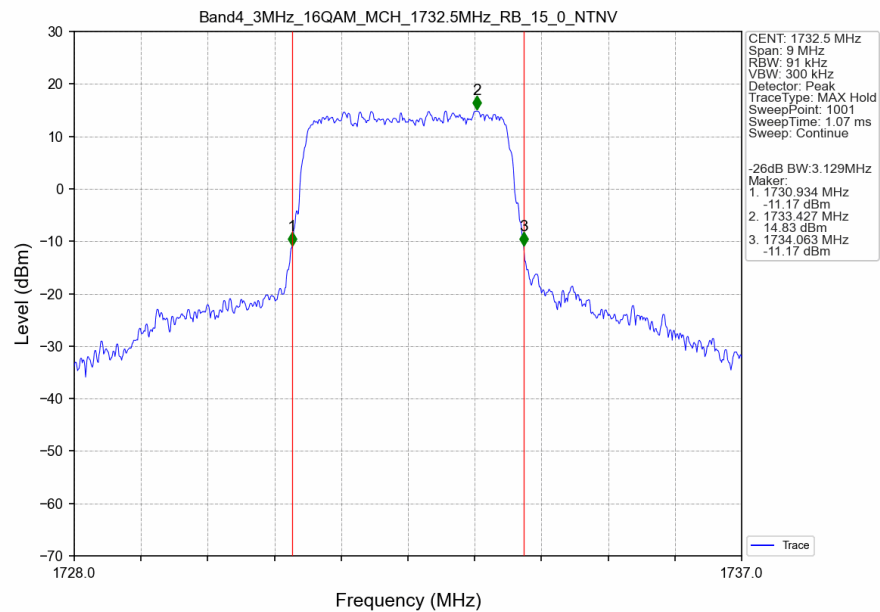
3.2.2 Band4_XDB



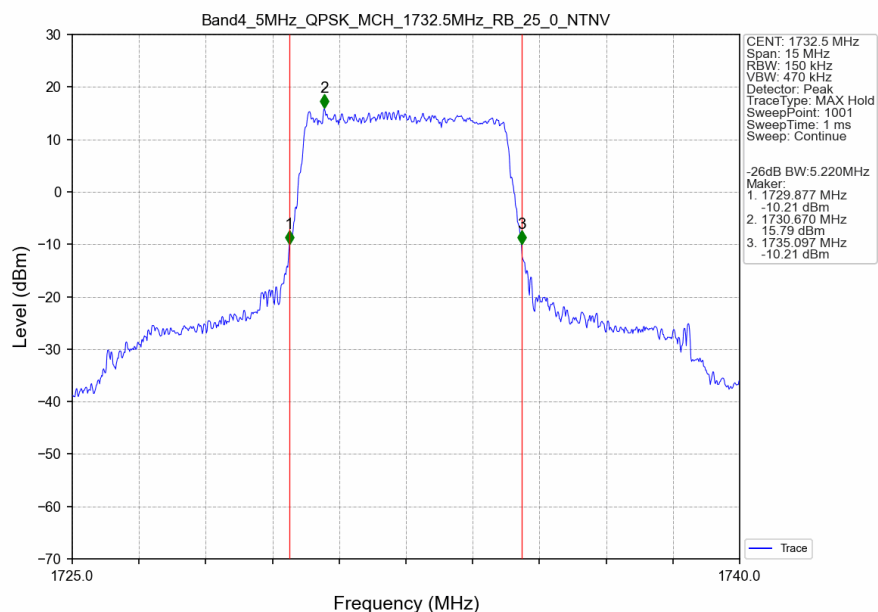
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



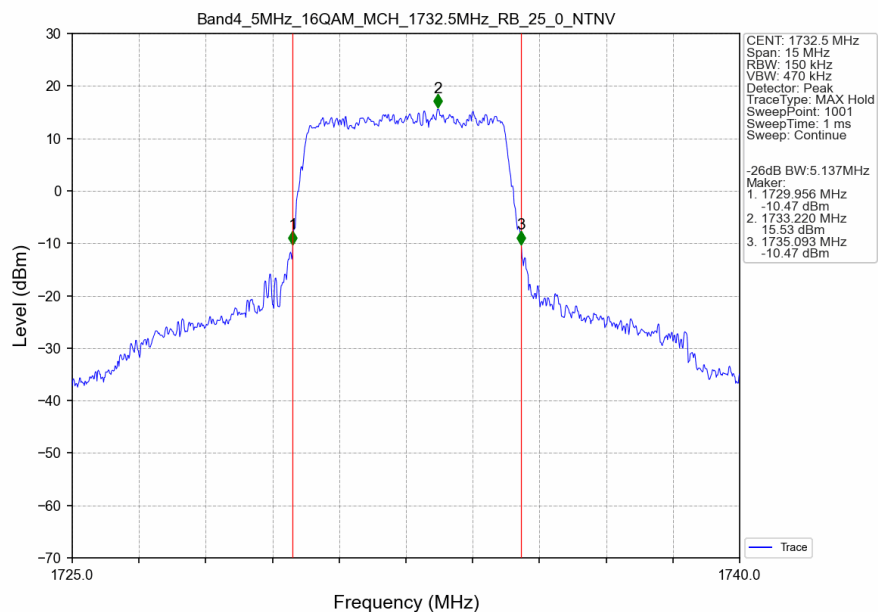
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



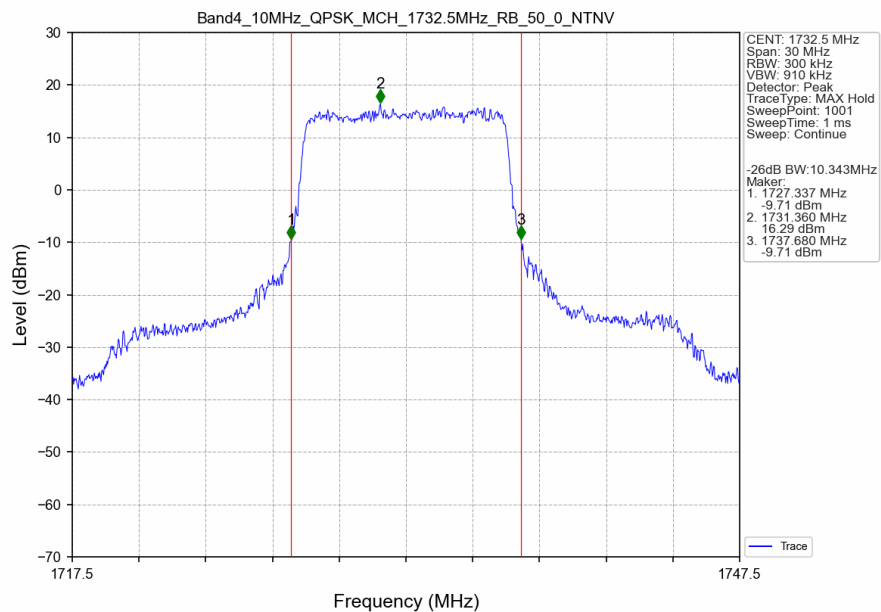
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



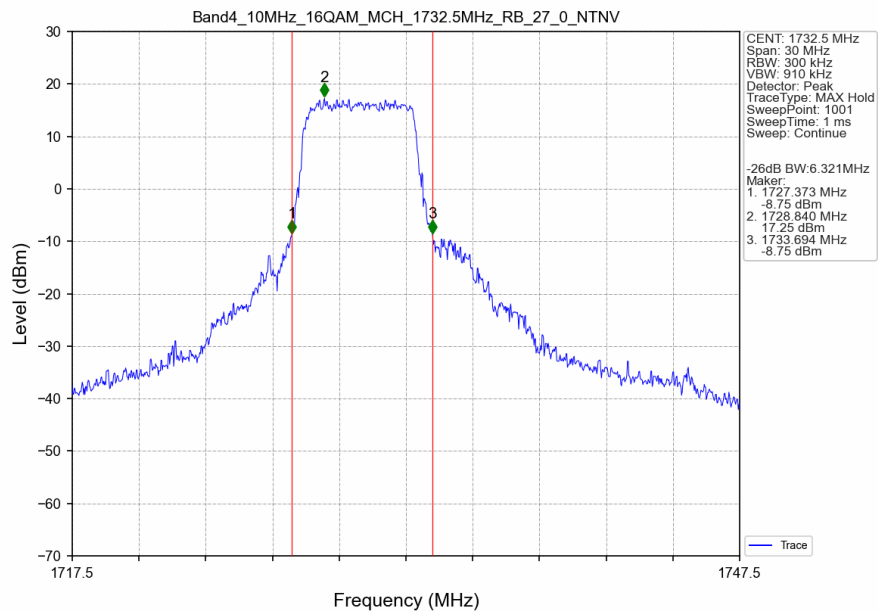
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



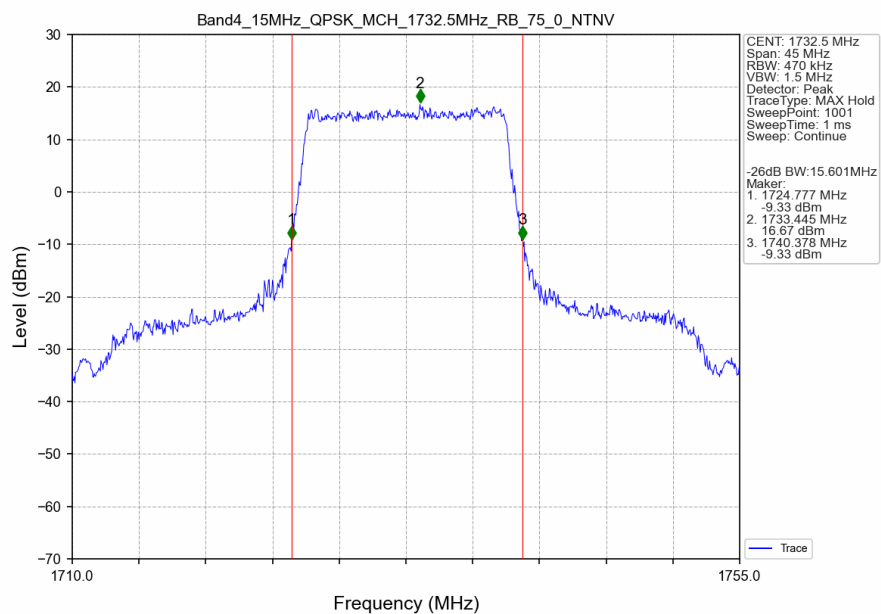
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



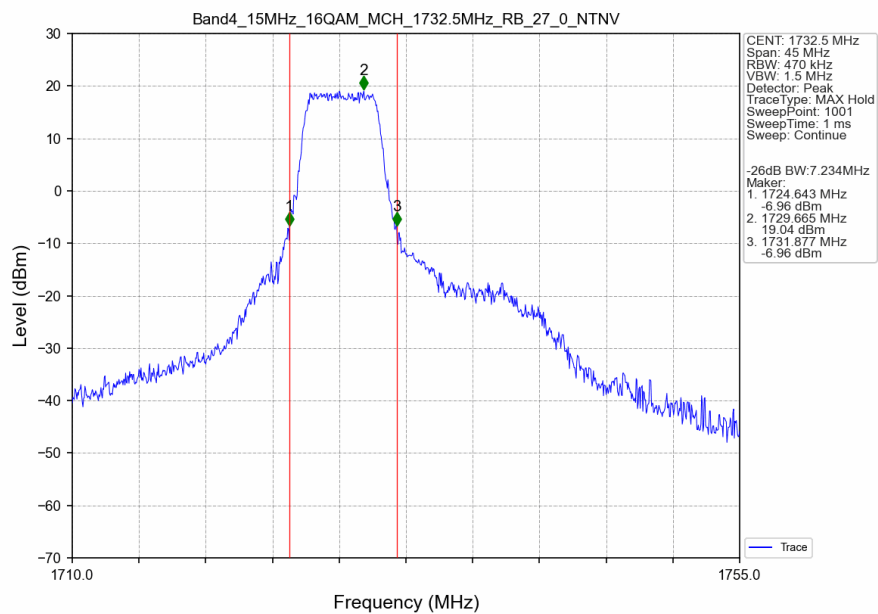
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



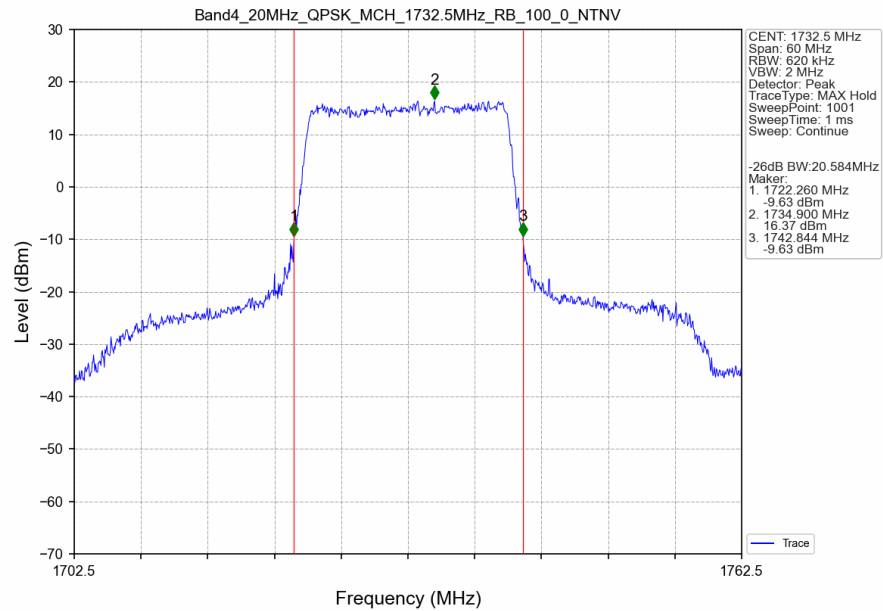
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



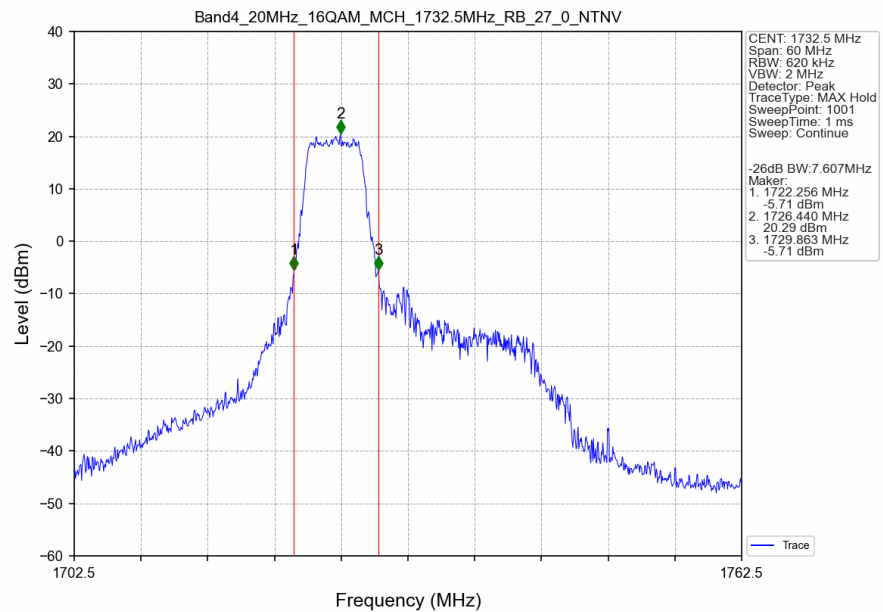
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV





4. Peak-Average Ratio

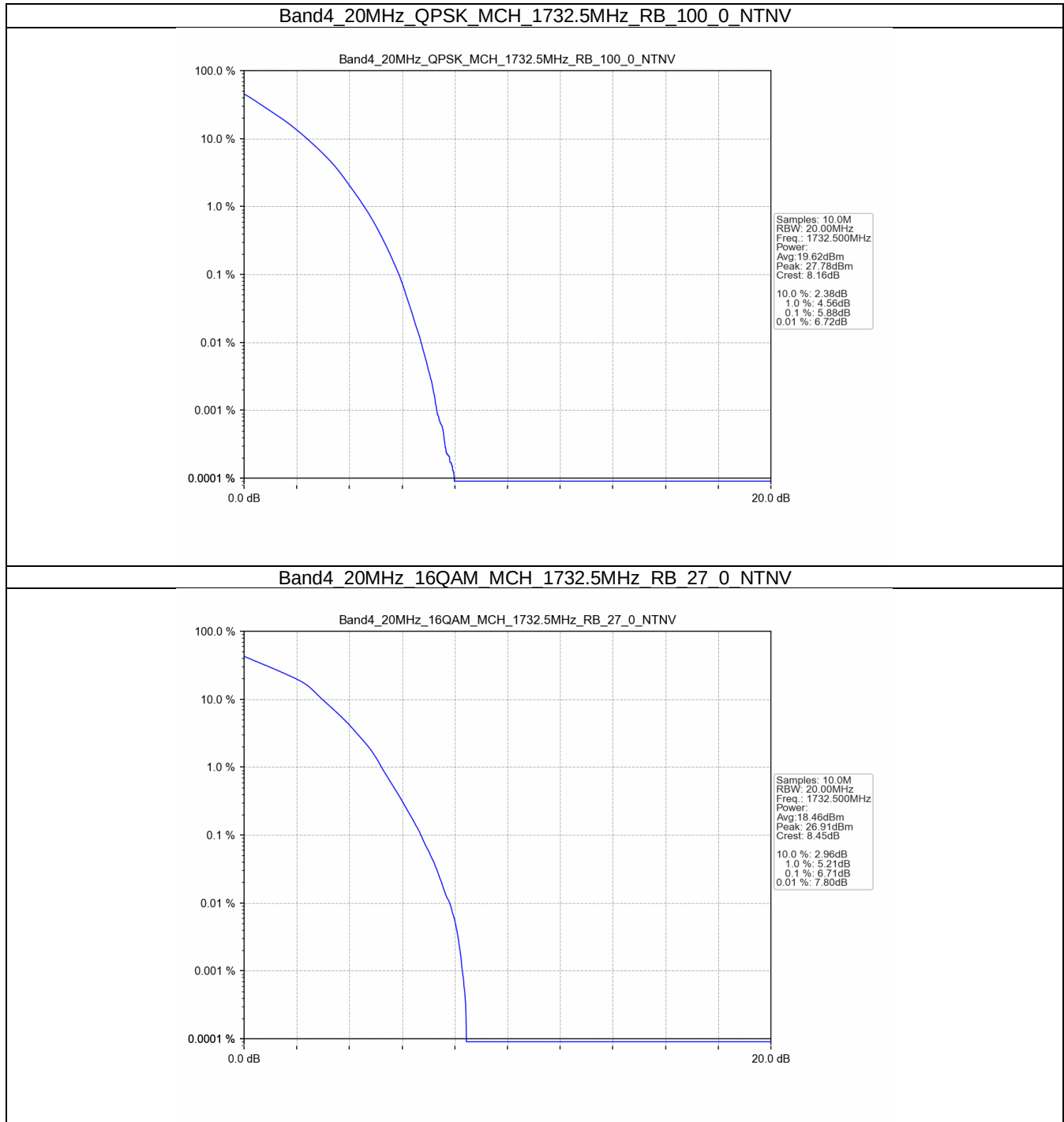
4.1 Test Result

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	5.88	<=13	Pass
16QAM	1732.5	27	0	6.71	<=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
				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

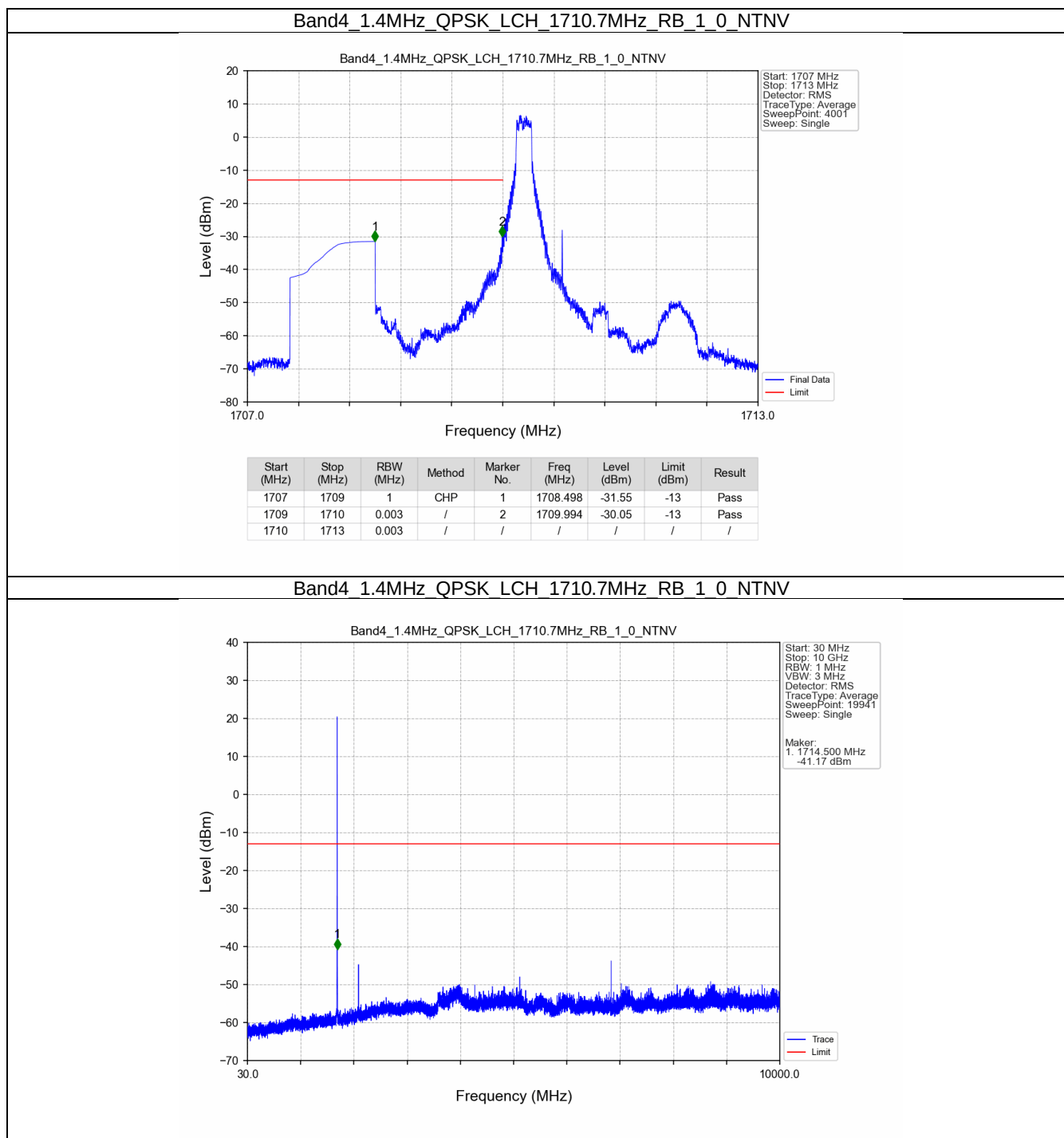
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
				Refer To Test Graph		Pass
	1747.5	1	0	Refer To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

5.1.6 B4_20MHz

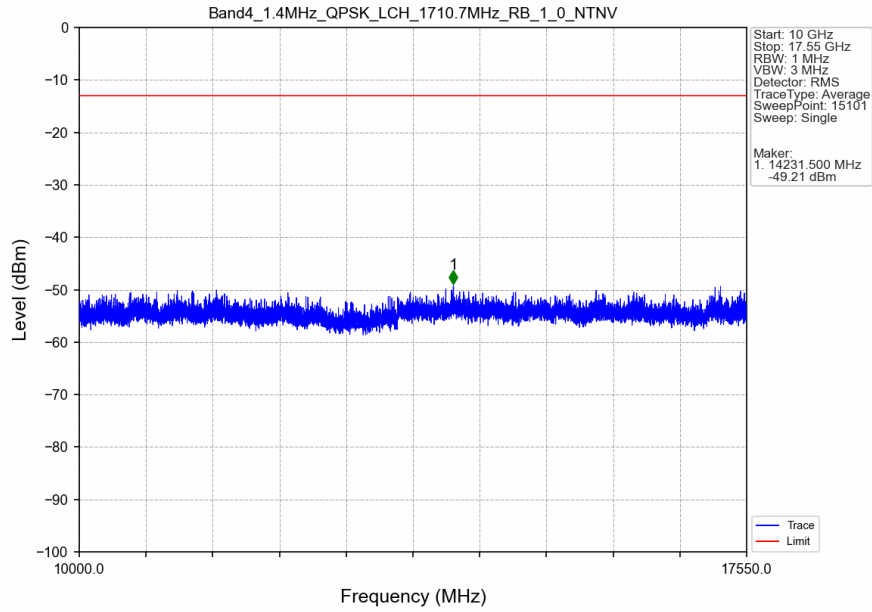
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
				Refer To Test Graph		Pass
	1745	1	0	Refer To Test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

5.2 Test Graph

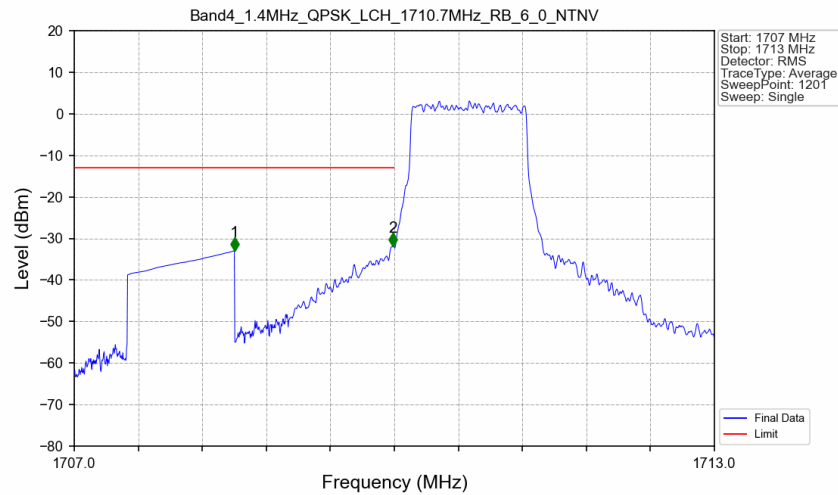
5.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

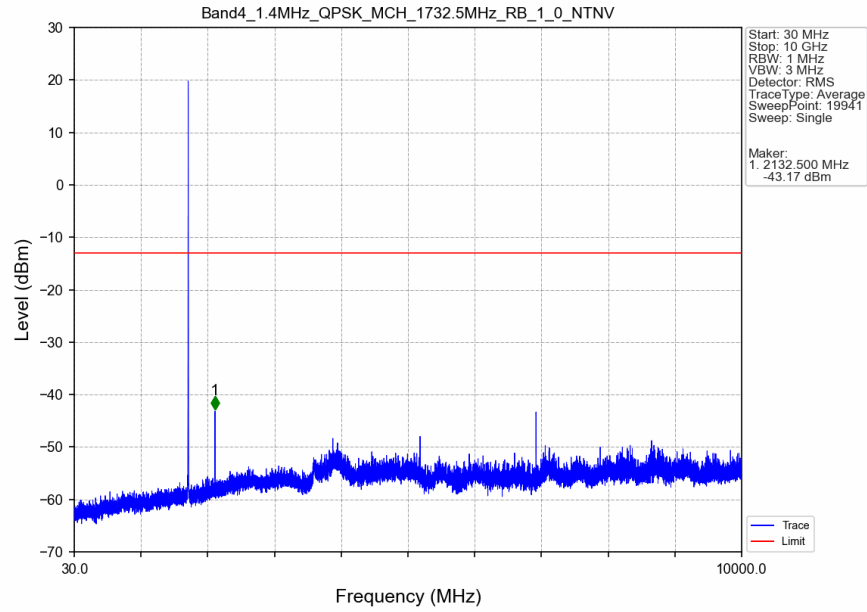


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

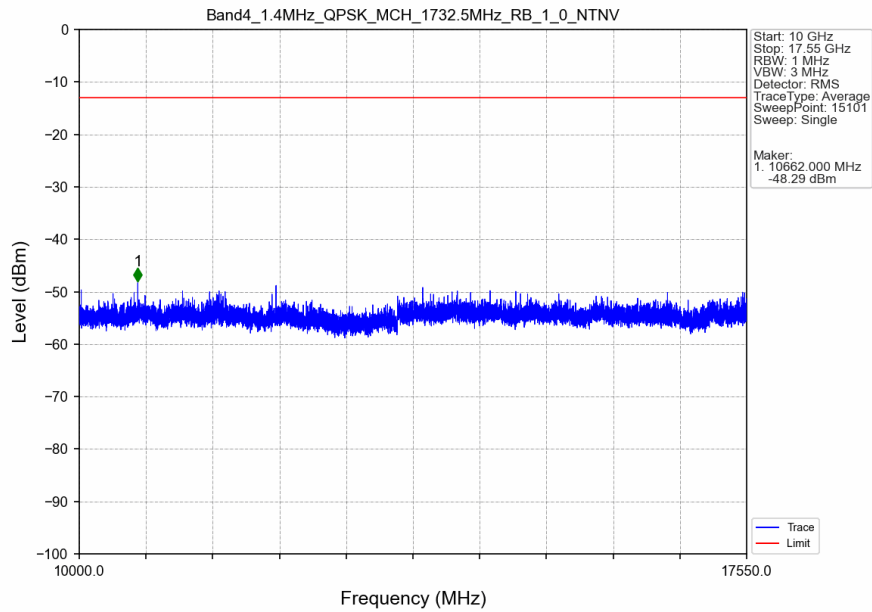


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-32.94	-13	Pass
1709	1710	0.013	CHP	2	1709.985	-31.85	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

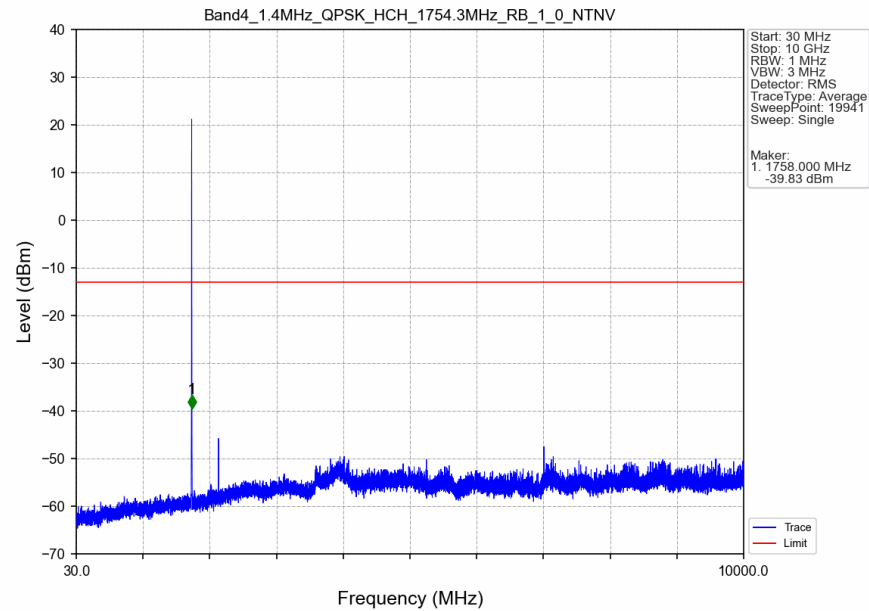
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



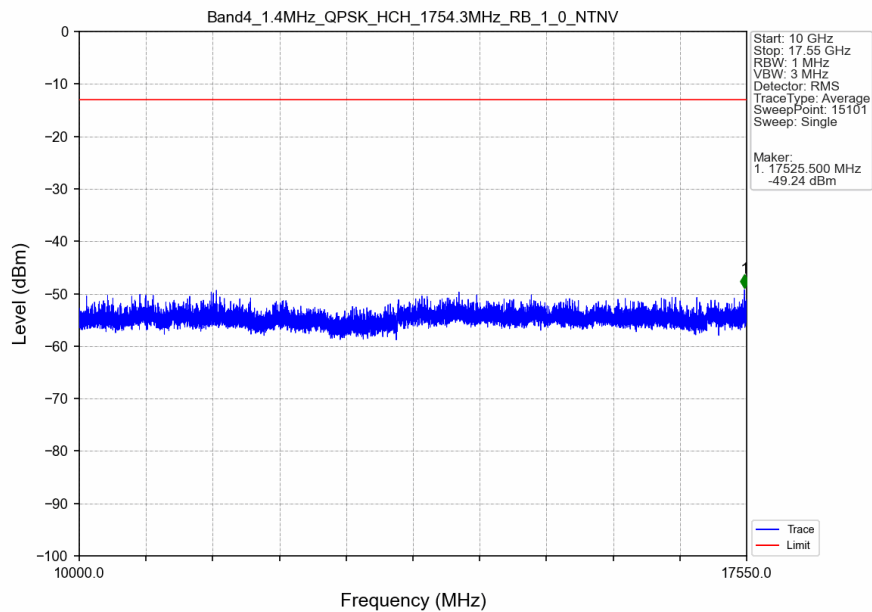
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



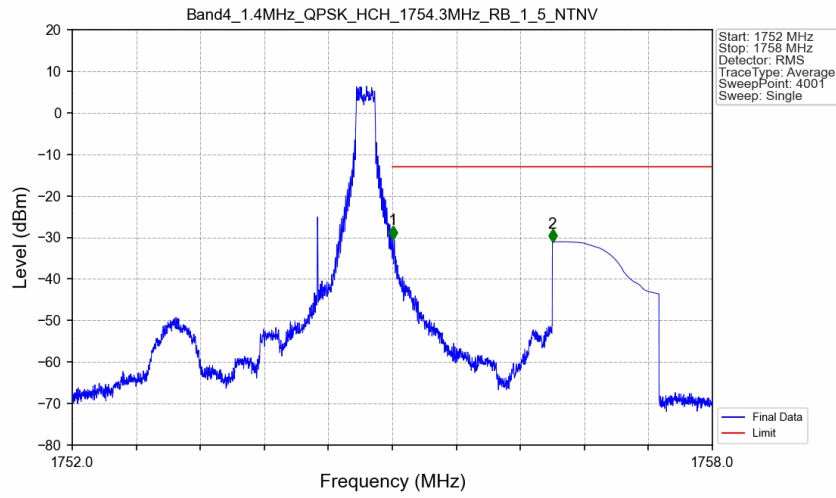
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



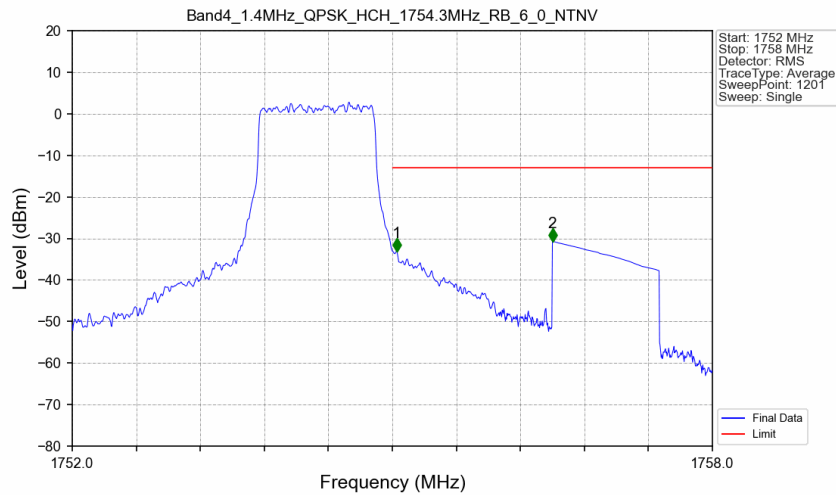
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



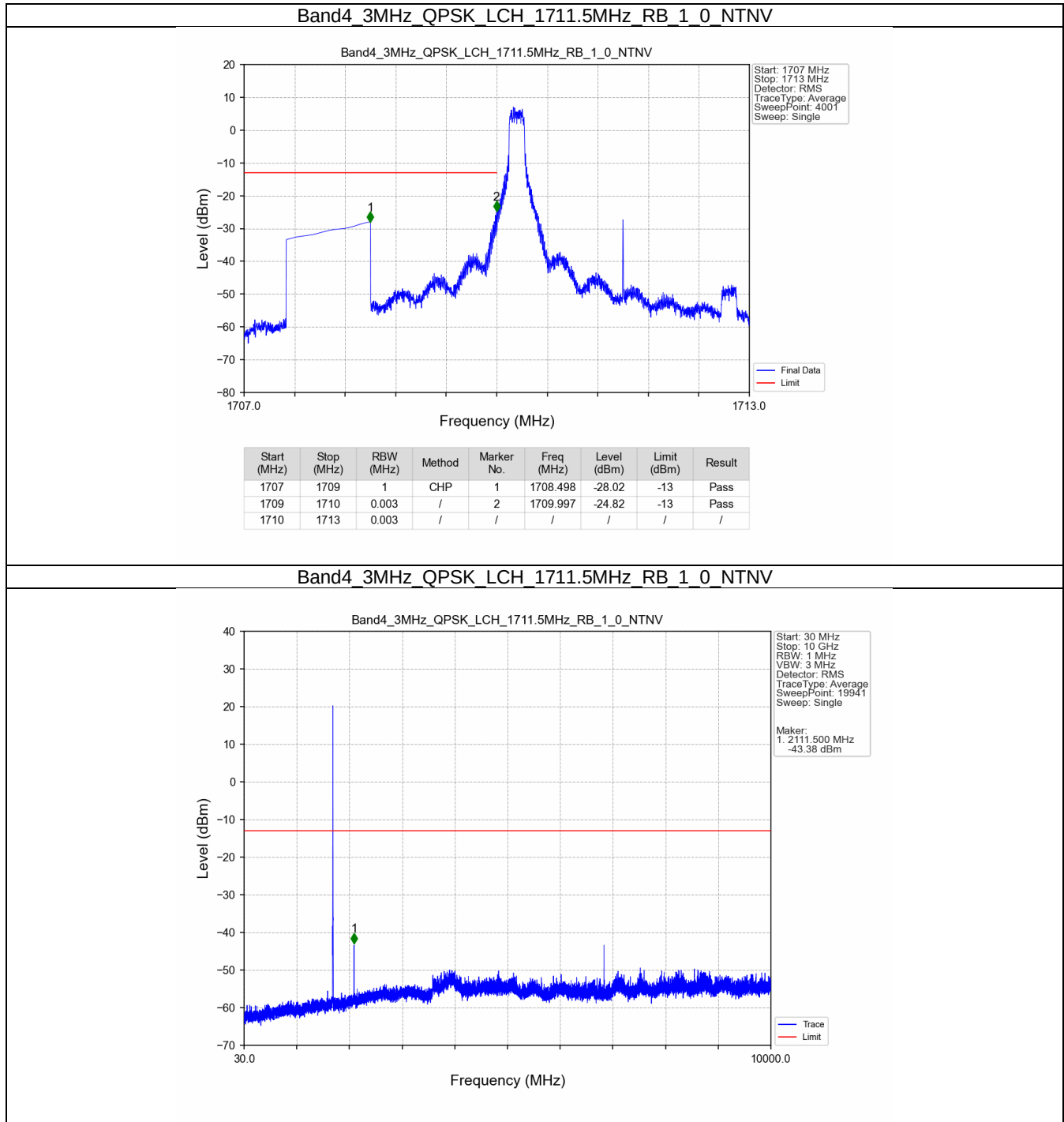
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



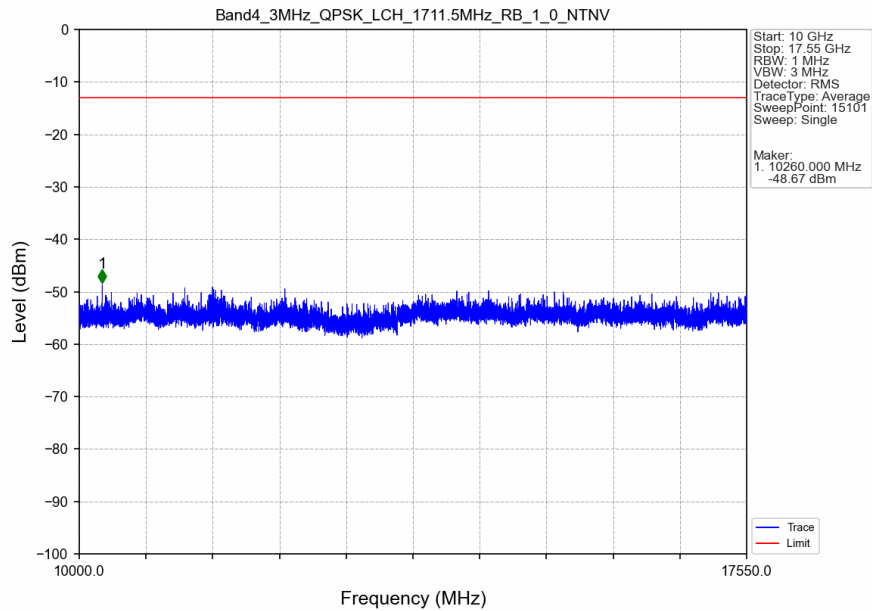
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



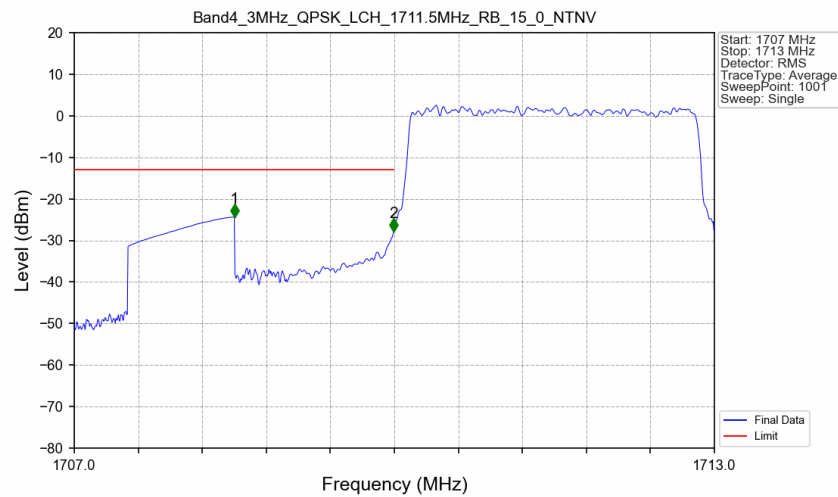
5.2.2 B4_3MHz



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

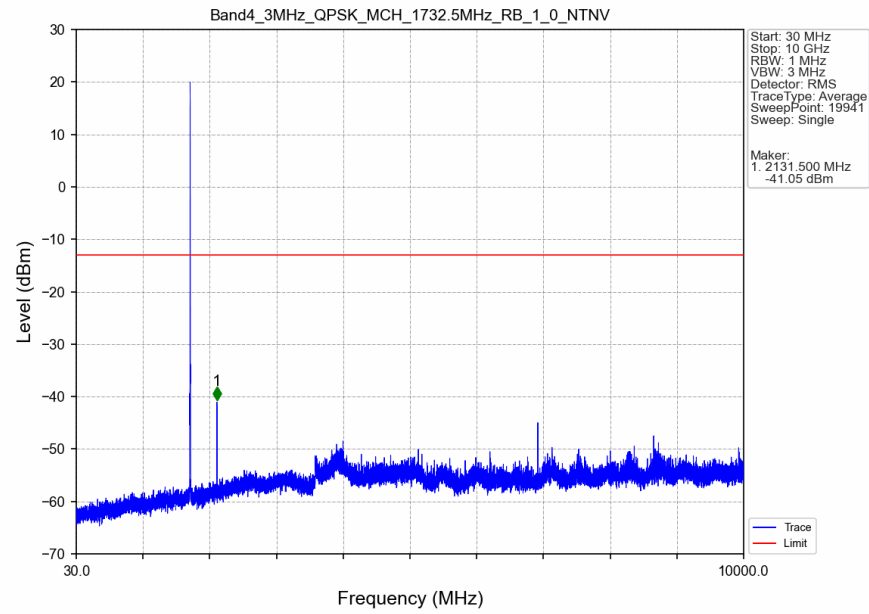


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

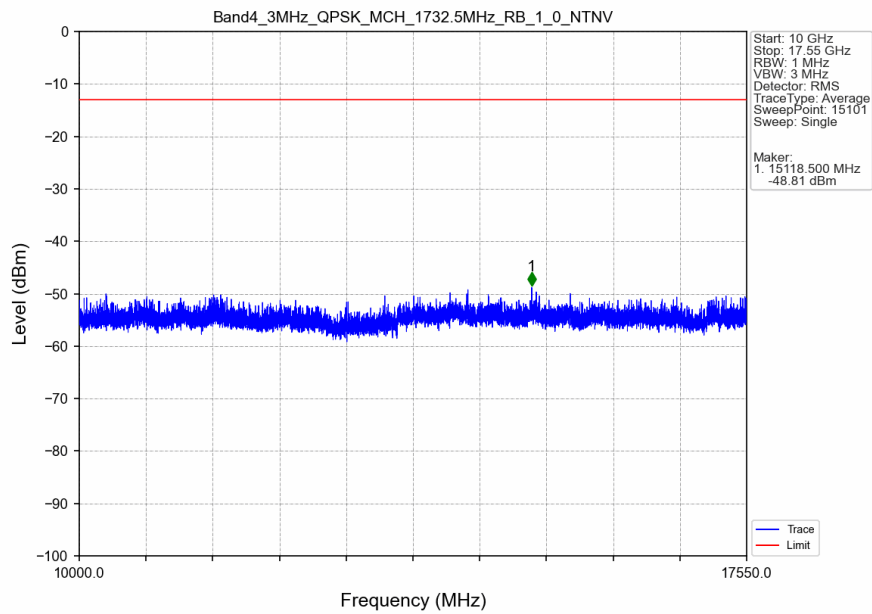


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-24.39	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-27.83	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

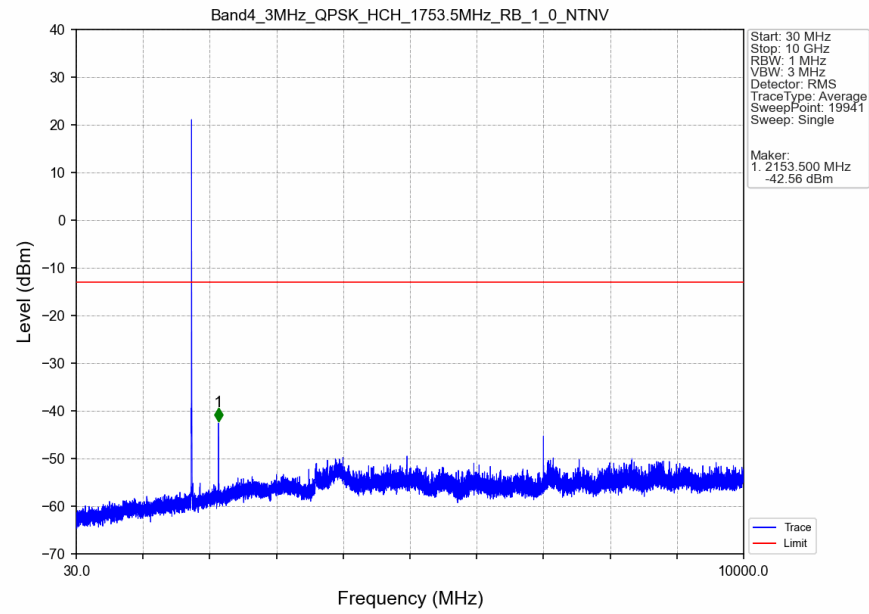
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



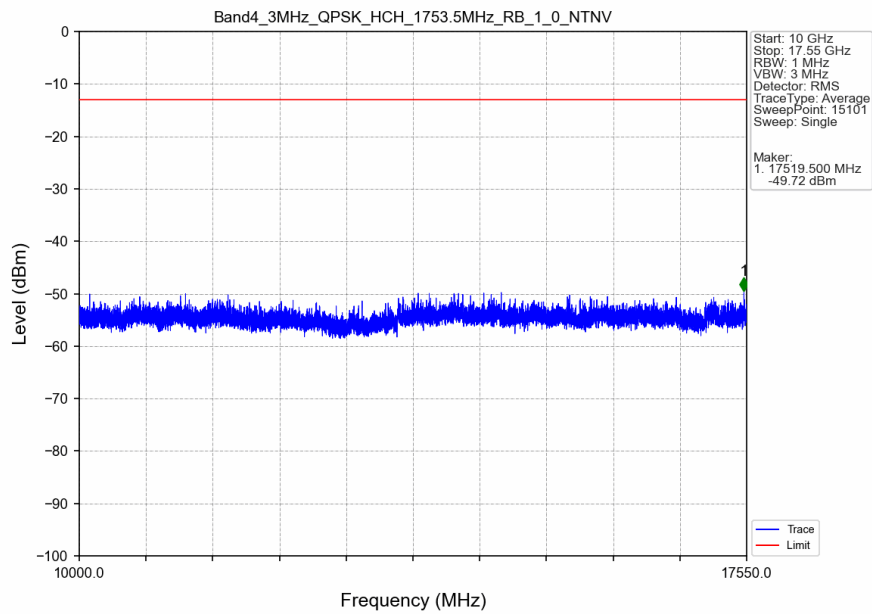
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



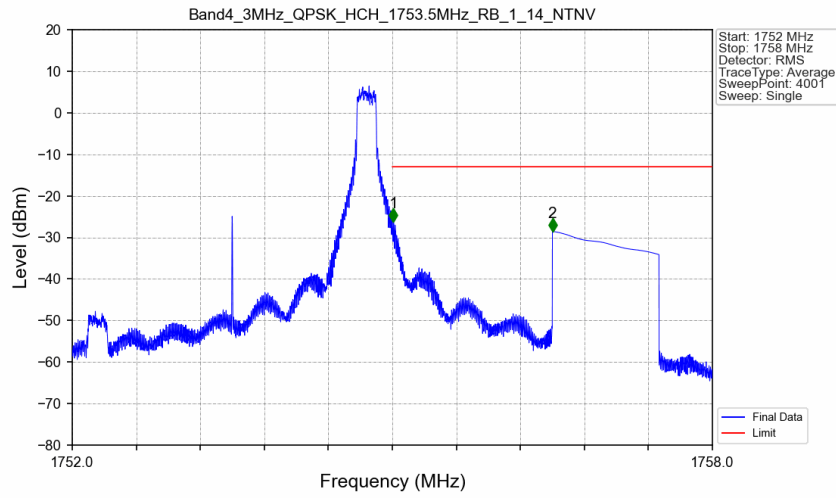
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



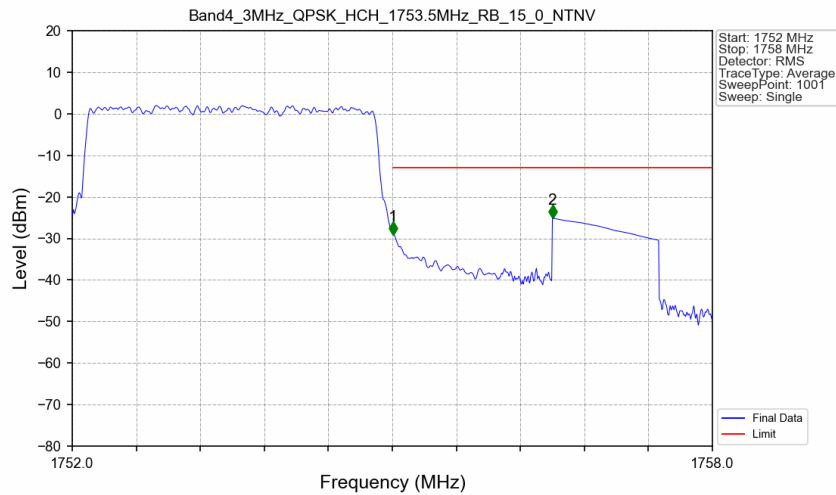
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



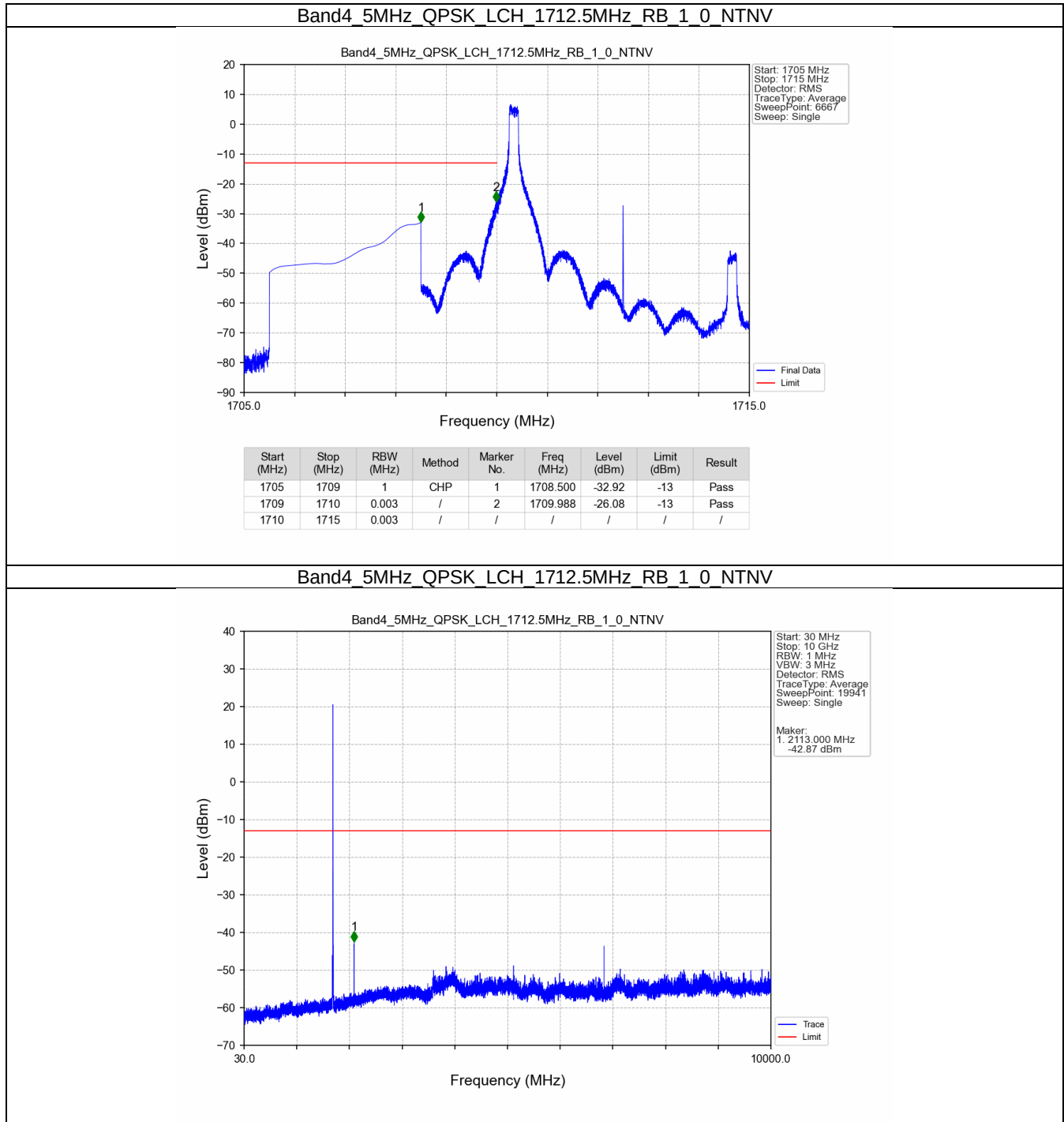
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



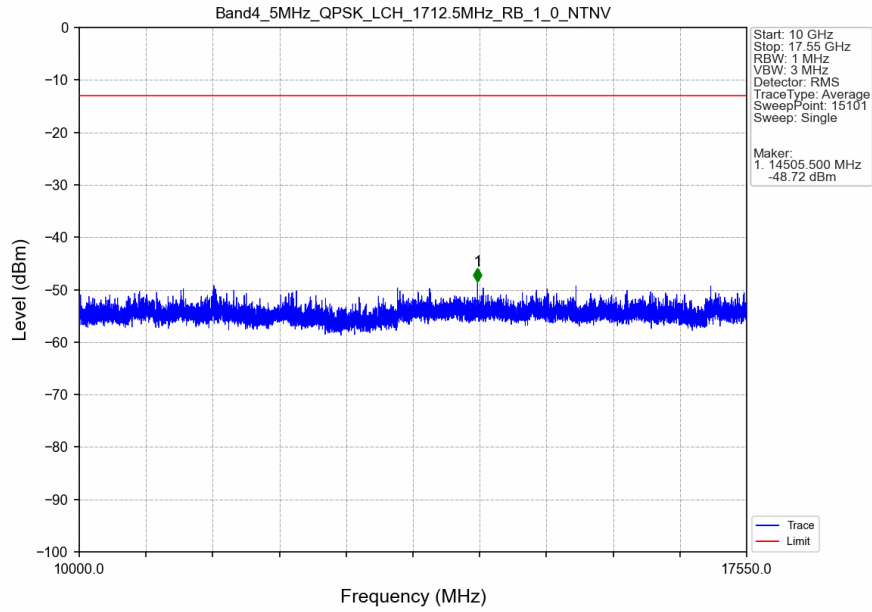
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



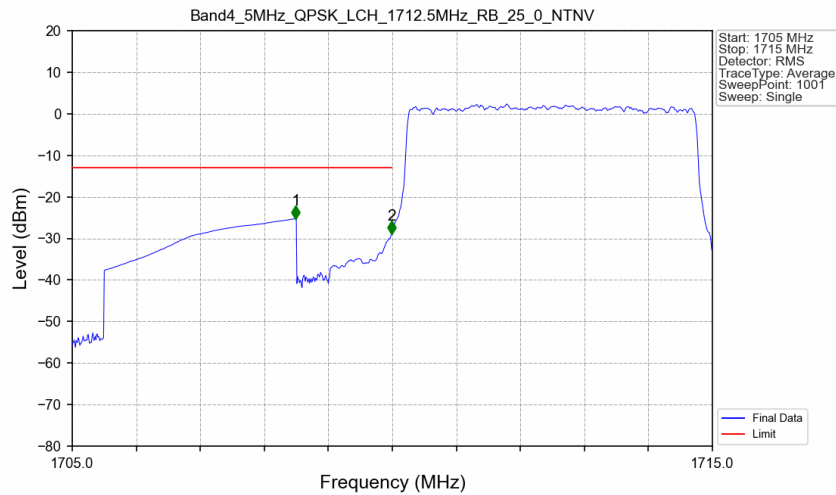
5.2.3 B4_5MHz



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

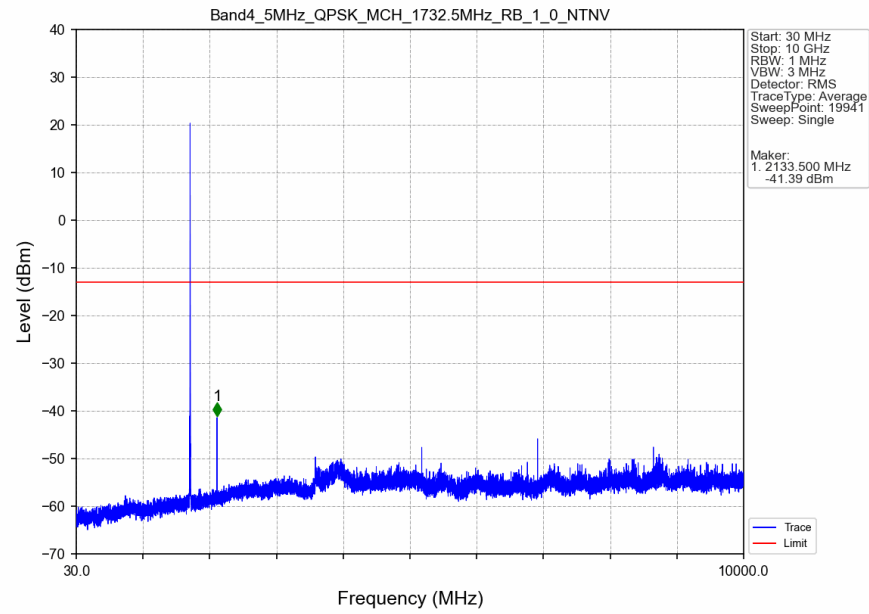


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

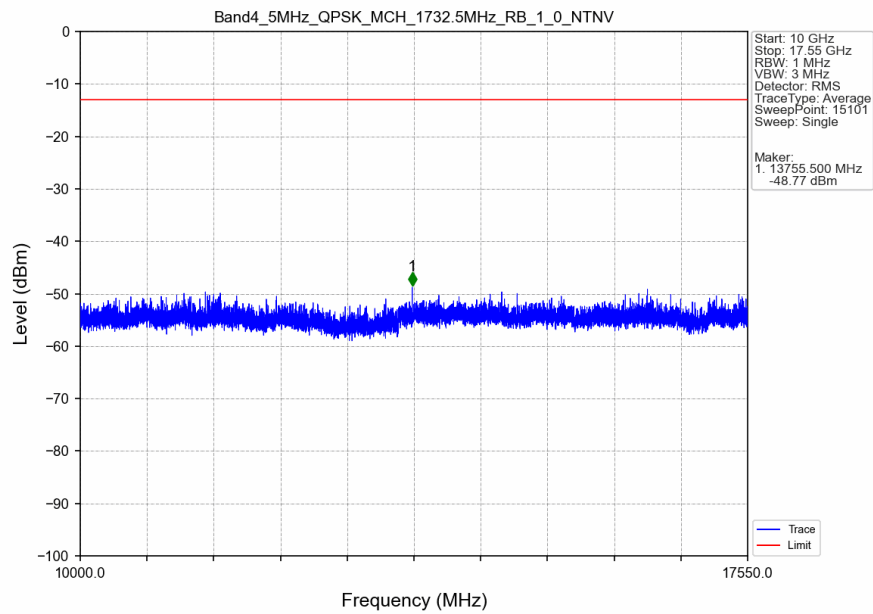


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-25.28	-13	Pass
1709	1710	0.052	CHP	2	1709.990	-29.02	-13	Pass
1710	1715	0.052	CHP	/	/	/	/	/

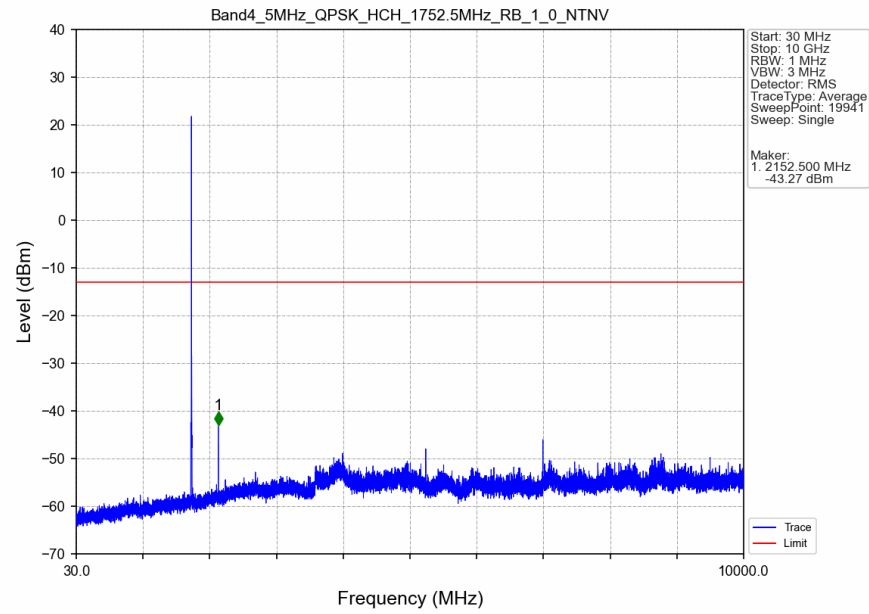
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



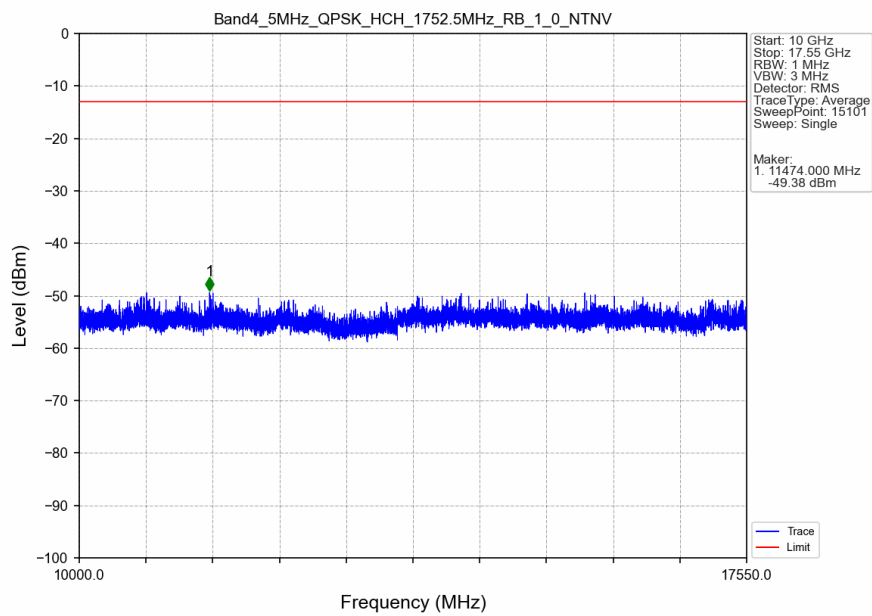
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



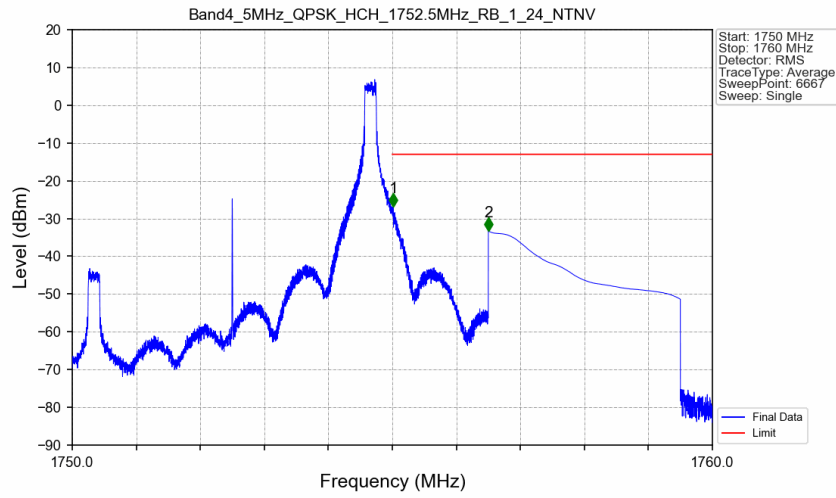
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



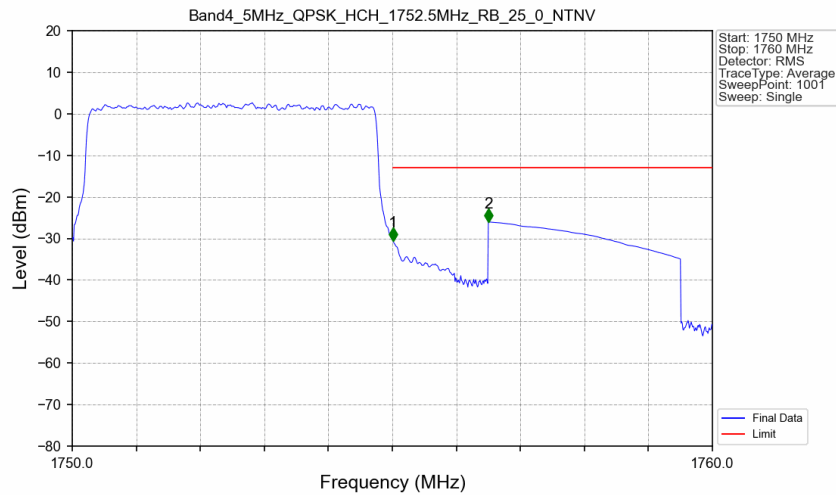
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



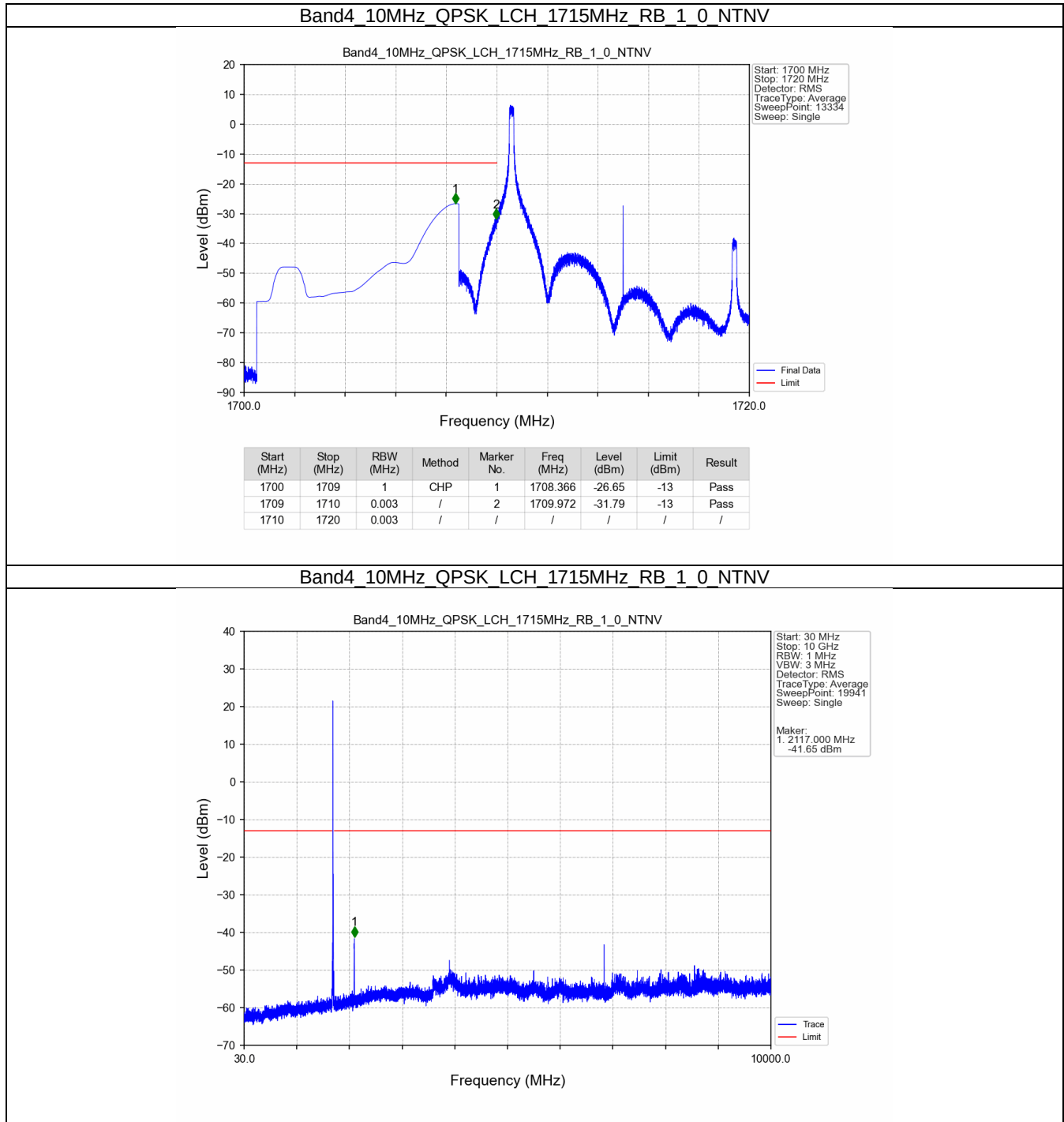
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



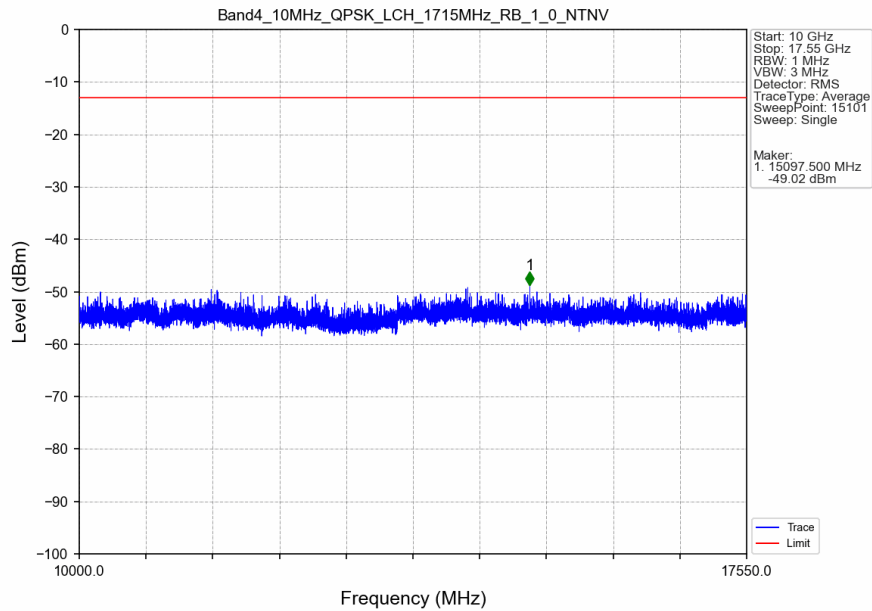
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



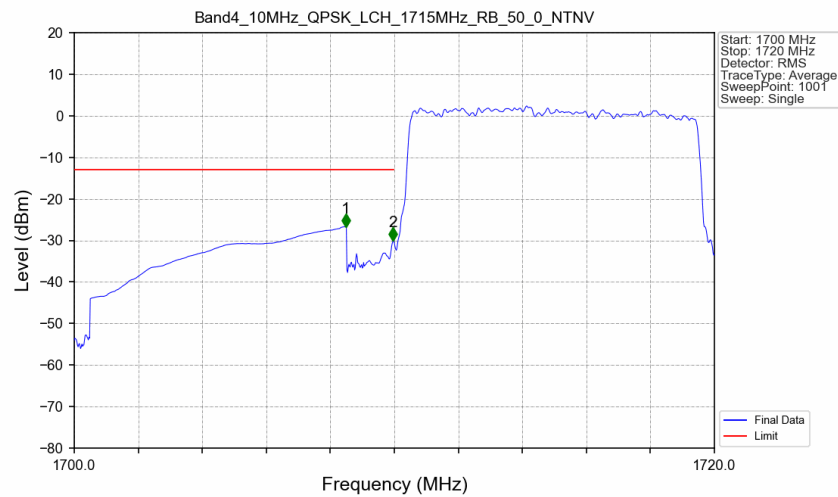
5.2.4 B4_10MHz



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

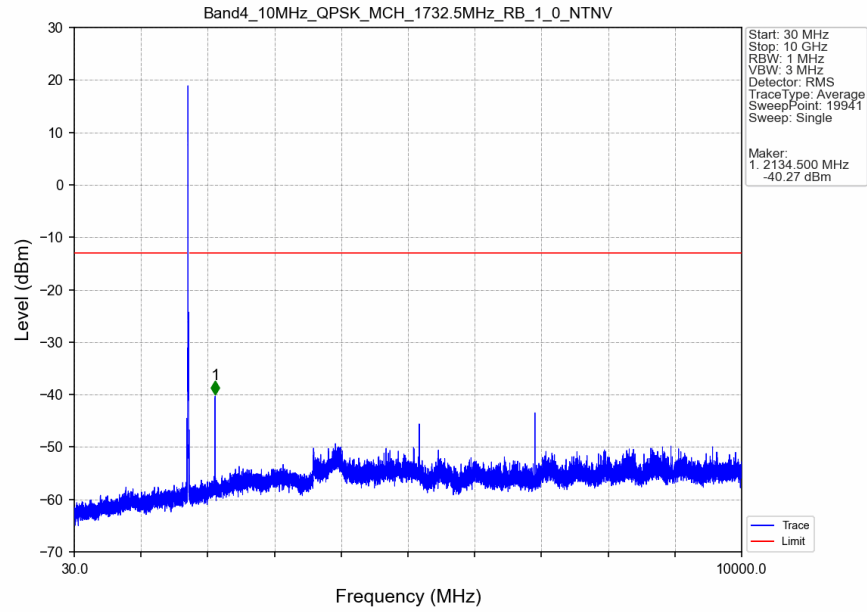


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

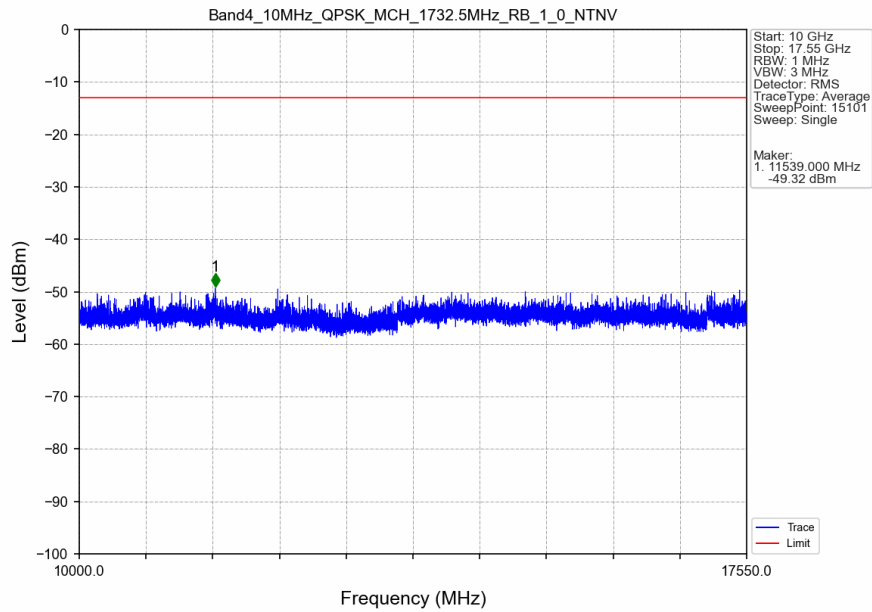


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-26.72	-13	Pass
1709	1710	0.103	CHP	2	1709.960	-30.11	-13	Pass
1710	1720	0.103	CHP	/	/	/	/	/

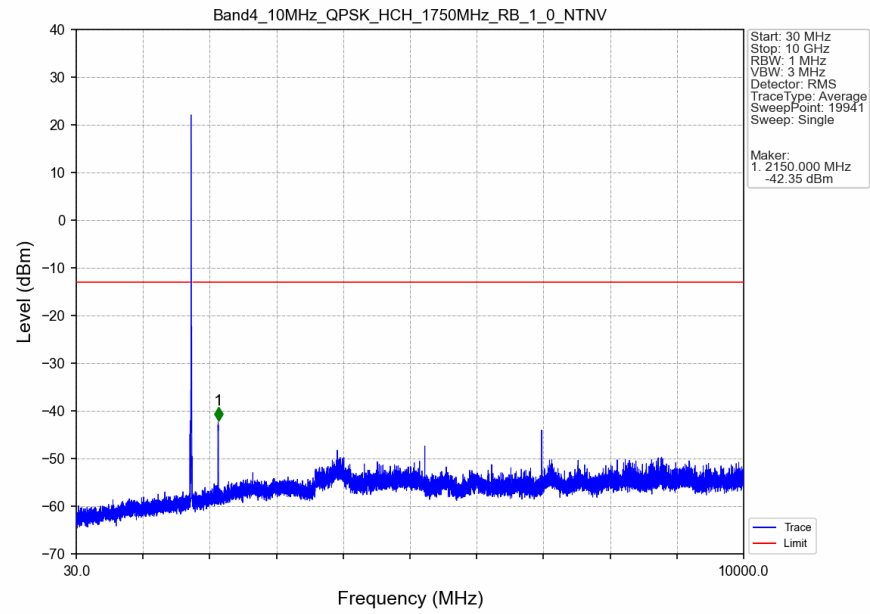
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



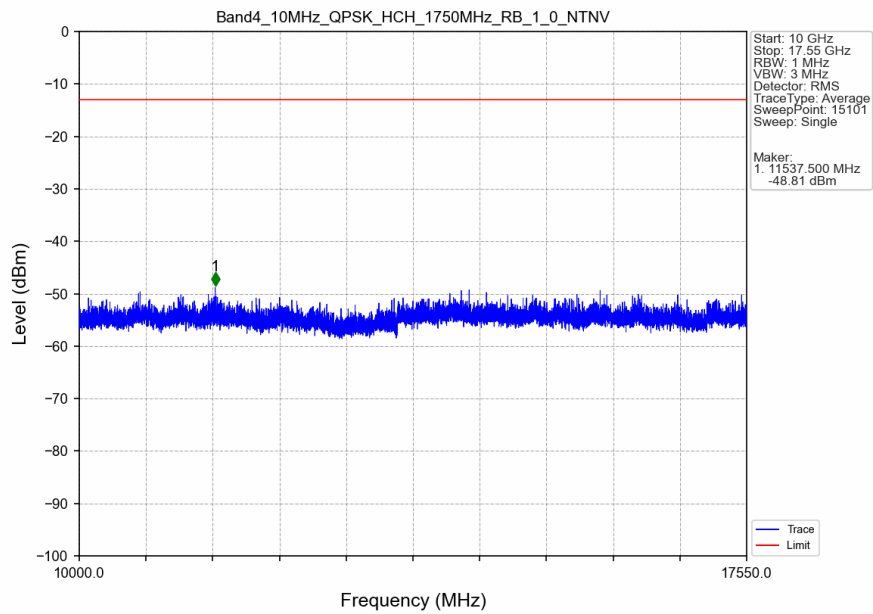
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



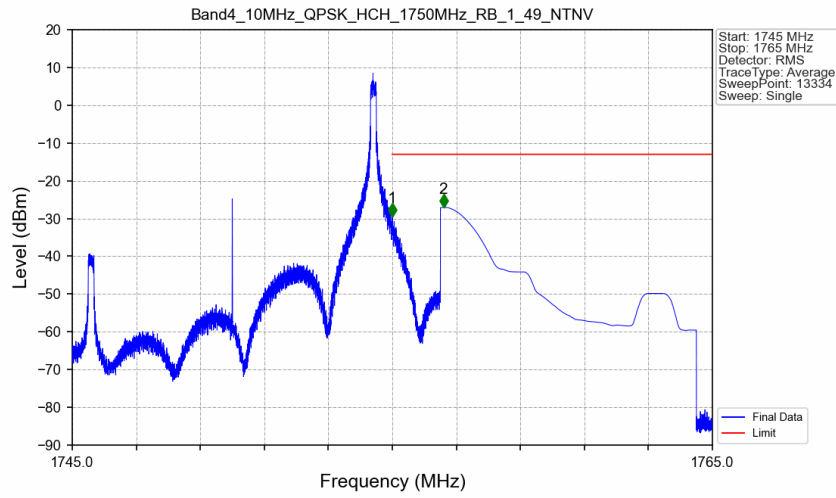
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

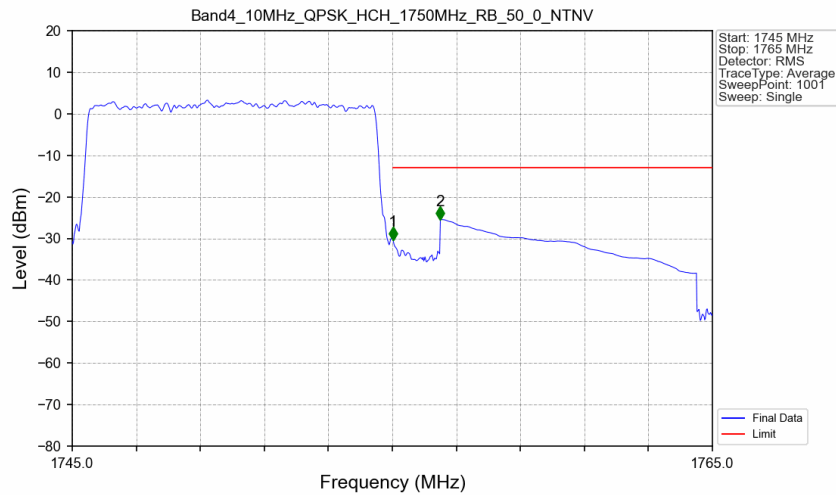


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



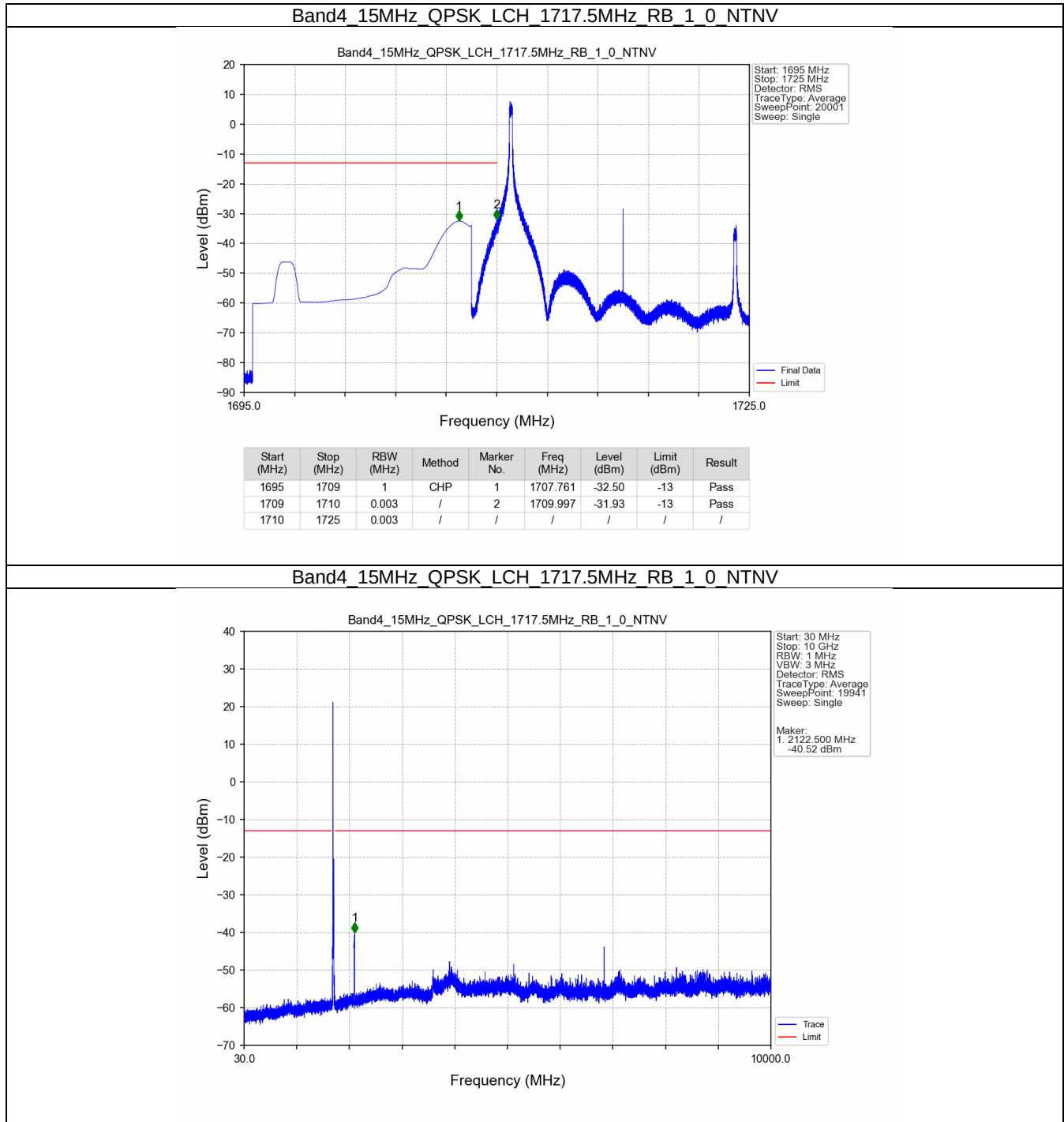
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-29.39	-13	Pass
1756	1765	1	CHP	2	1756.598	-27.03	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

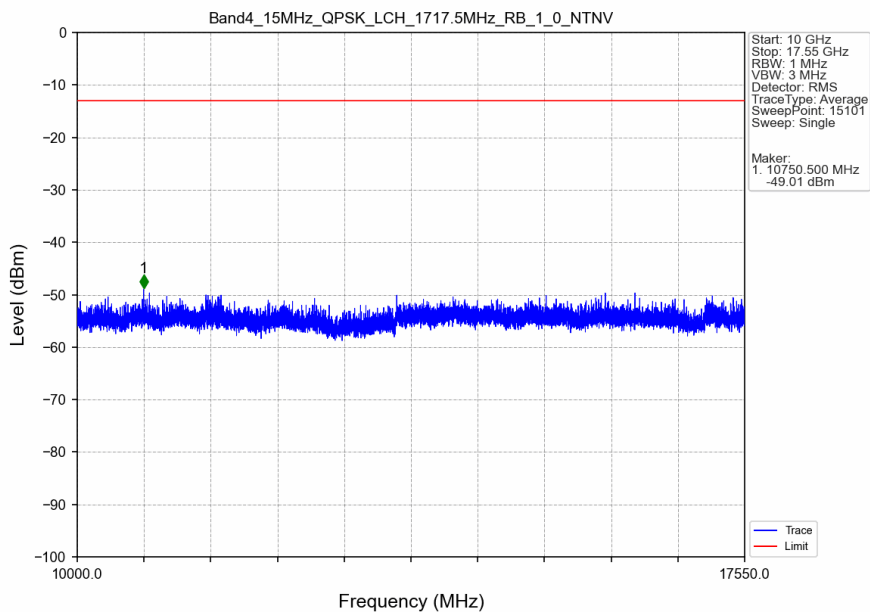


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.103	CHP	/	/	/	/	/
1755	1756	0.103	CHP	1	1755.020	-30.32	-13	Pass
1756	1765	1	CHP	2	1756.500	-25.40	-13	Pass

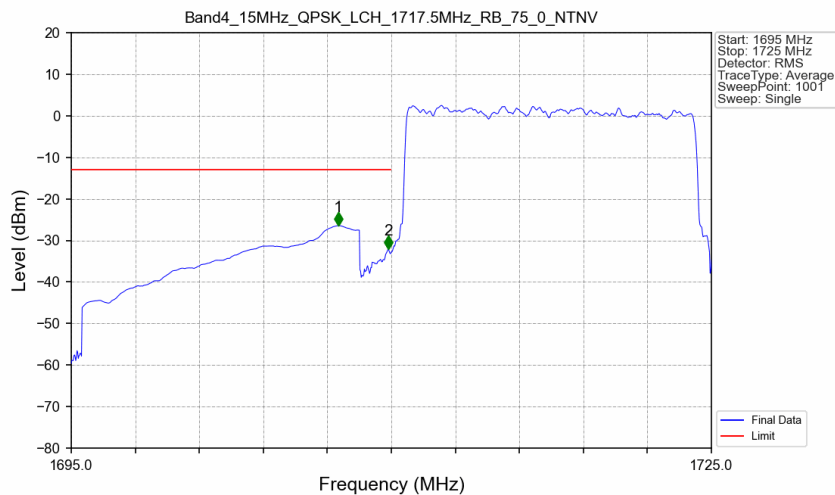
5.2.5 B4_15MHz



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

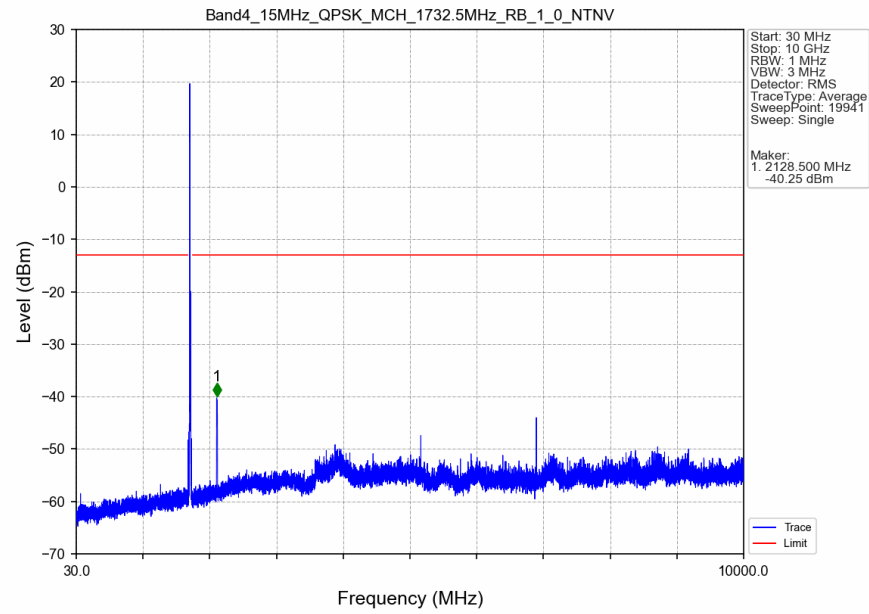


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

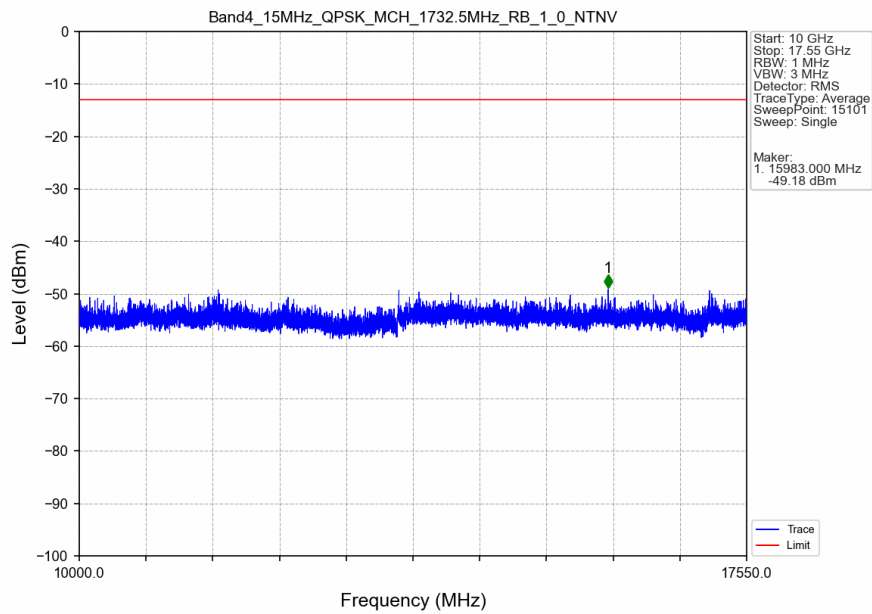


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.510	-26.46	-13	Pass
1709	1710	0.156	CHP	2	1709.850	-32.08	-13	Pass
1710	1725	0.156	CHP	/	/	/	/	/

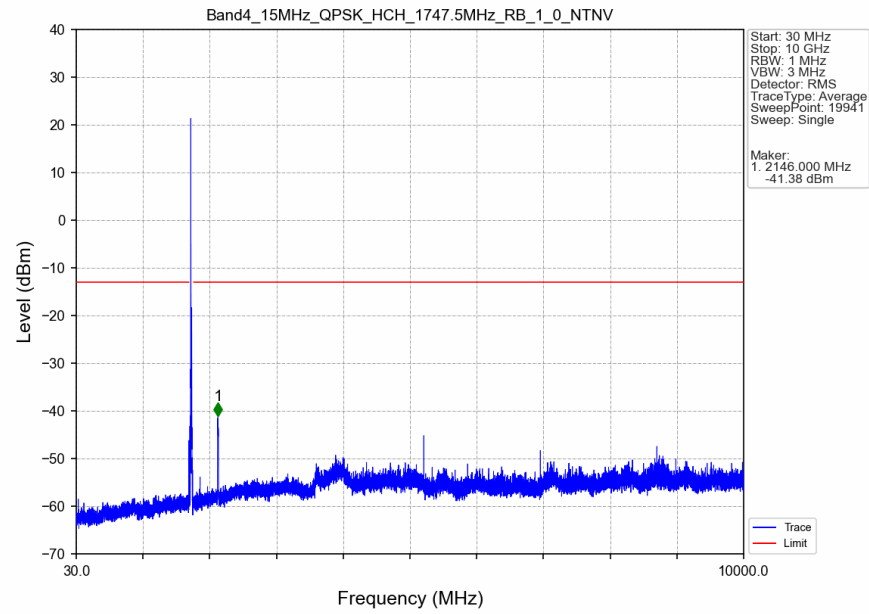
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



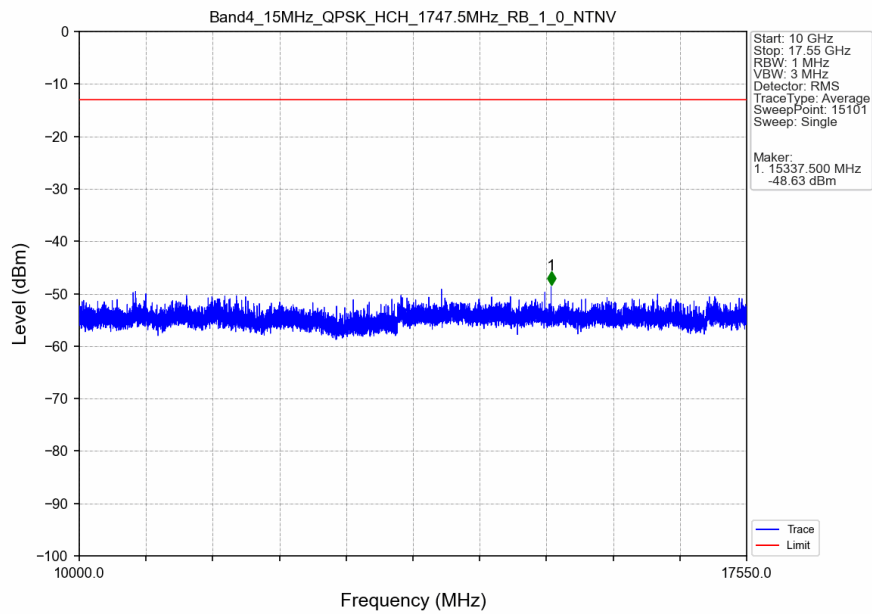
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



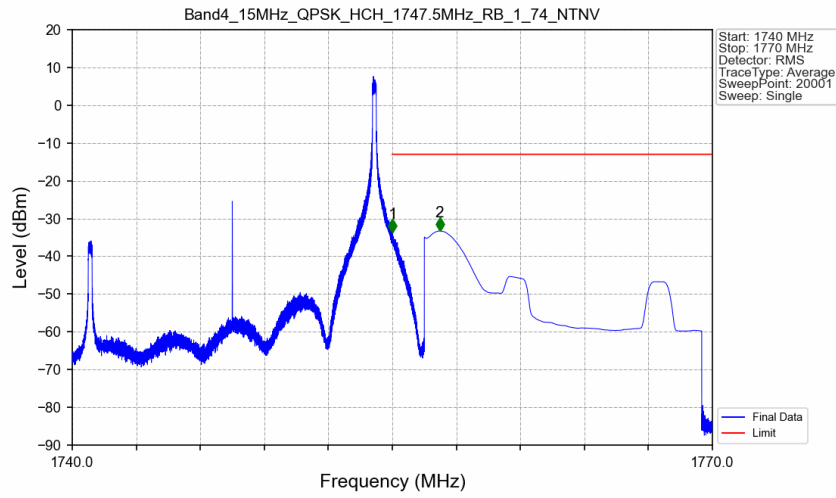
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



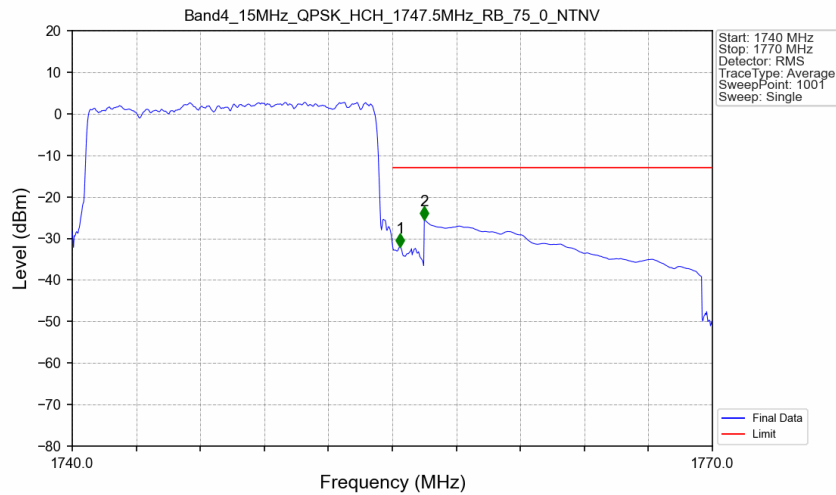
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV

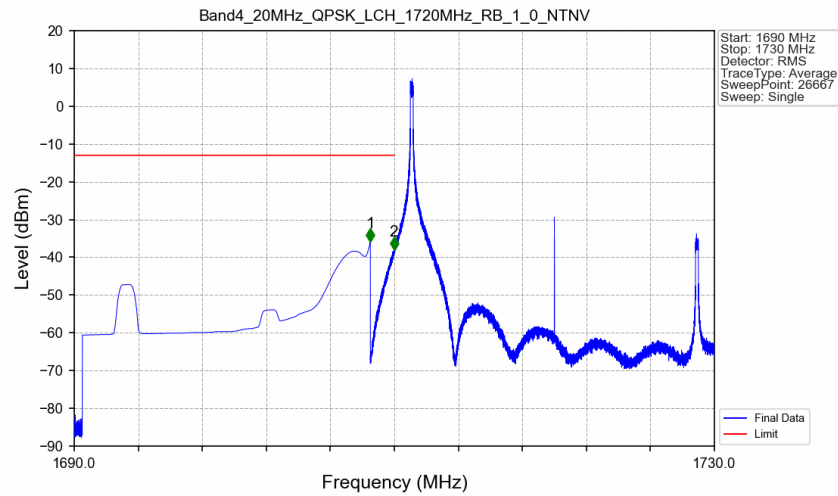


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



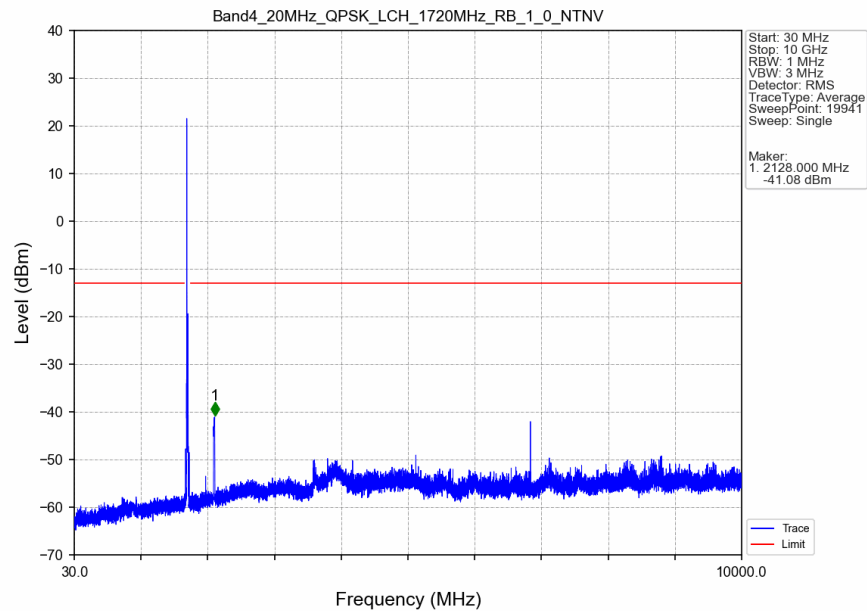
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

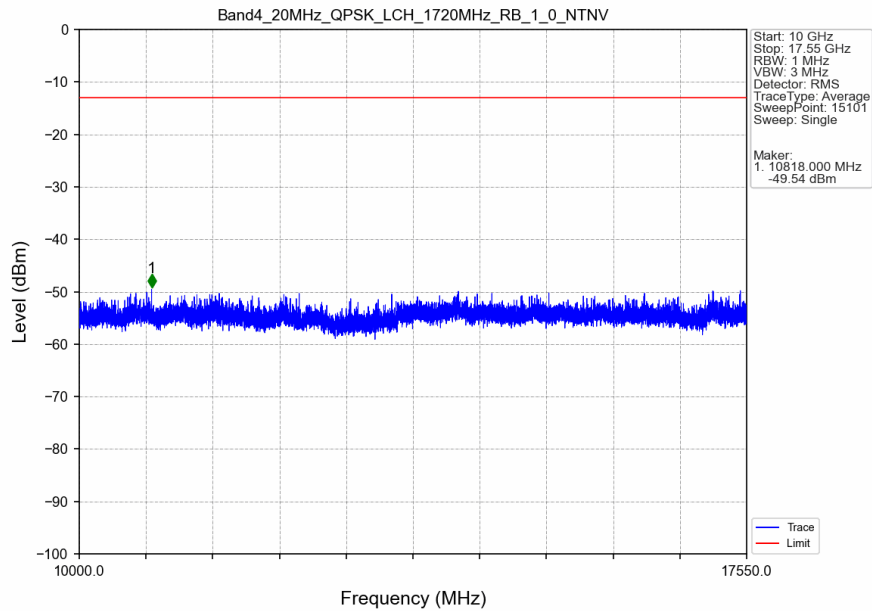


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-35.93	-13	Pass
1709	1710	0.003	/	2	1709.984	-38.09	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

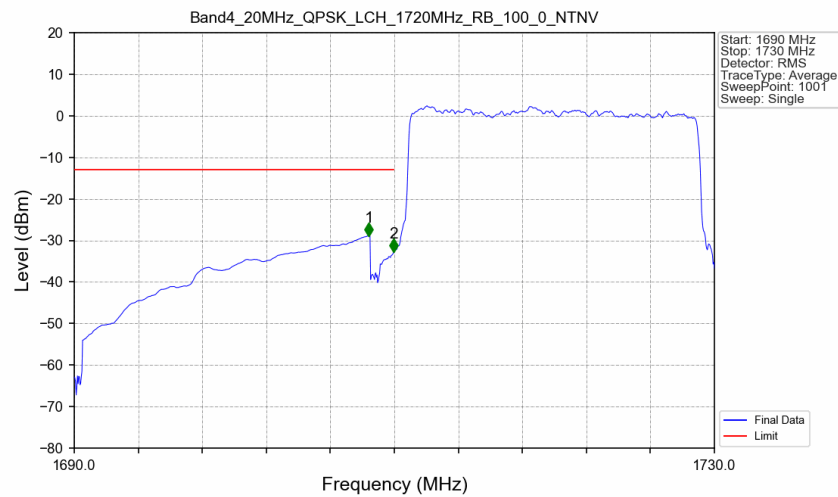
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

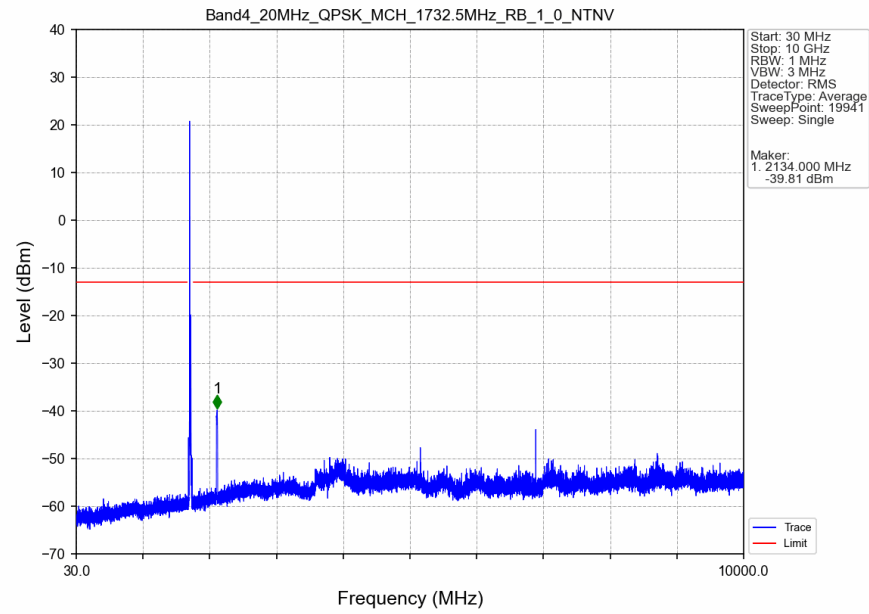


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

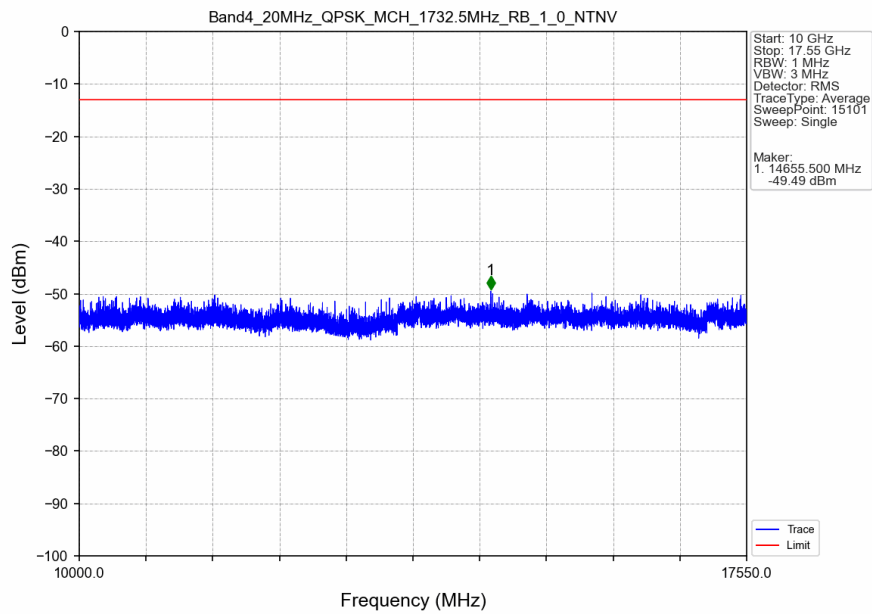


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.400	-28.88	-13	Pass
1709	1710	0.206	CHP	2	1709.960	-32.80	-13	Pass
1710	1730	0.206	CHP	/	/	/	/	/

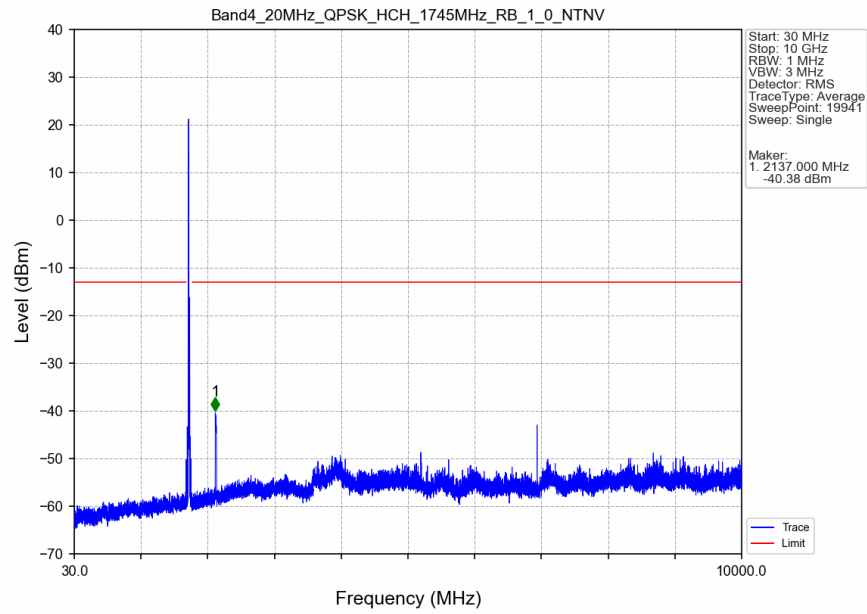
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



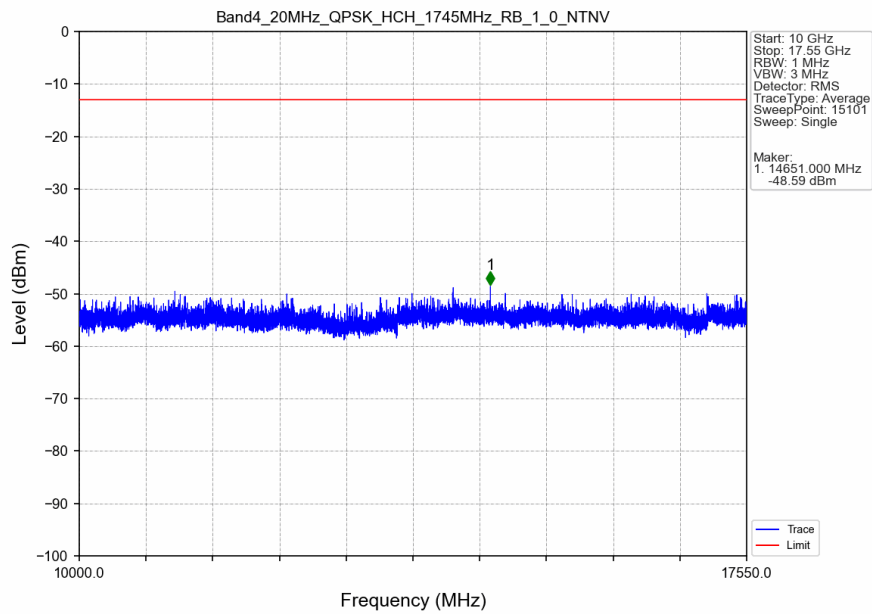
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



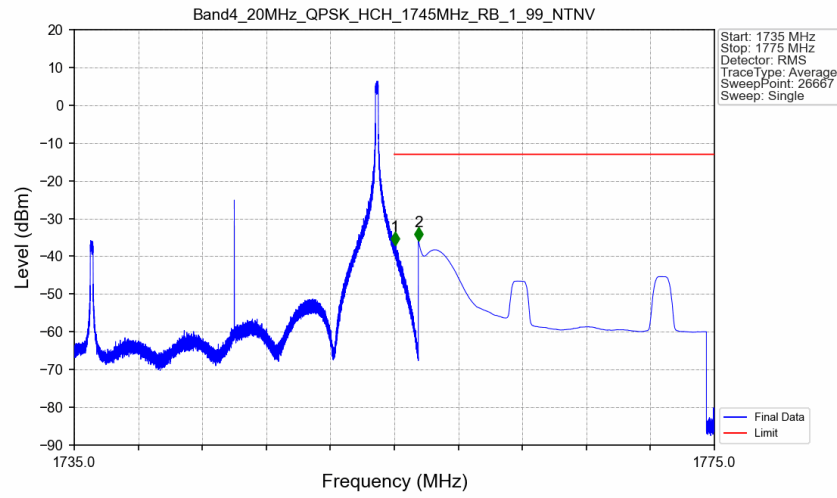
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

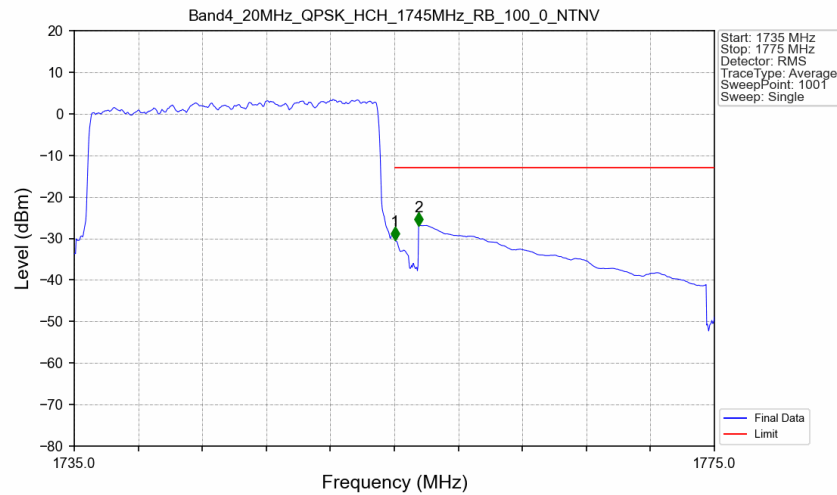


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.032	-37.06	-13	Pass
1756	1775	1	CHP	2	1756.500	-35.81	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.206	CHP	/	/	/	/	/
1755	1756	0.206	CHP	1	1755.040	-30.41	-13	Pass
1756	1775	1	CHP	2	1756.520	-26.88	-13	Pass

-End of Appendix -