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	23.90	1.14	25.04	<=30	Pass
			2	23.89	1.14	25.03	<=30	Pass
			5	23.83	1.14	24.97	<=30	Pass
		3	0	23.89	1.14	25.03	<=30	Pass
			2	23.95	1.14	25.09	<=30	Pass
			3	23.87	1.14	25.01	<=30	Pass
		6	0	22.73	1.14	23.87	<=30	Pass
	1732.5	1	0	23.80	1.14	24.94	<=30	Pass
			2	23.93	1.14	25.07	<=30	Pass
			5	23.97	1.14	25.11	<=30	Pass
		3	0	23.87	1.14	25.01	<=30	Pass
			2	23.86	1.14	25.00	<=30	Pass
			3	23.90	1.14	25.04	<=30	Pass
		6	0	22.86	1.14	24.00	<=30	Pass
	1754.3	1	0	23.77	1.14	24.91	<=30	Pass
			2	23.83	1.14	24.97	<=30	Pass
			5	23.81	1.14	24.95	<=30	Pass
		3	0	23.92	1.14	25.06	<=30	Pass
			2	23.95	1.14	25.09	<=30	Pass
			3	23.87	1.14	25.01	<=30	Pass
		6	0	22.88	1.14	24.02	<=30	Pass
16QAM	1710.7	1	0	23.25	1.14	24.39	<=30	Pass
			2	23.24	1.14	24.38	<=30	Pass
			5	23.26	1.14	24.40	<=30	Pass
		3	0	22.64	1.14	23.78	<=30	Pass
			2	22.68	1.14	23.82	<=30	Pass
			3	22.64	1.14	23.78	<=30	Pass
		6	0	21.91	1.14	23.05	<=30	Pass
	1732.5	1	0	22.96	1.14	24.10	<=30	Pass
			2	22.95	1.14	24.09	<=30	Pass
			5	23.03	1.14	24.17	<=30	Pass
		3	0	23.04	1.14	24.18	<=30	Pass
			2	23.12	1.14	24.26	<=30	Pass
			3	23.06	1.14	24.20	<=30	Pass
		6	0	22.13	1.14	23.27	<=30	Pass
	1754.3	1	0	23.01	1.14	24.15	<=30	Pass
			2	23.04	1.14	24.18	<=30	Pass
			5	23.06	1.14	24.20	<=30	Pass
		3	0	22.76	1.14	23.90	<=30	Pass
			2	22.78	1.14	23.92	<=30	Pass
			3	22.70	1.14	23.84	<=30	Pass
		6	0	22.09	1.14	23.23	<=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	23.75	1.14	24.89	<=30	Pass
			7	23.83	1.14	24.97	<=30	Pass
			14	23.78	1.14	24.92	<=30	Pass
		8	0	22.83	1.14	23.97	<=30	Pass
			4	22.89	1.14	24.03	<=30	Pass
			7	22.85	1.14	23.99	<=30	Pass
		15	0	22.83	1.14	23.97	<=30	Pass
	1732.5	1	0	23.82	1.14	24.96	<=30	Pass
			7	23.82	1.14	24.96	<=30	Pass
			14	23.82	1.14	24.96	<=30	Pass
		8	0	22.78	1.14	23.92	<=30	Pass
			4	22.86	1.14	24.00	<=30	Pass
			7	22.85	1.14	23.99	<=30	Pass
		15	0	22.80	1.14	23.94	<=30	Pass
	1753.5	1	0	24.03	1.14	25.17	<=30	Pass
			7	24.14	1.14	25.28	<=30	Pass
			14	24.11	1.14	25.25	<=30	Pass
		8	0	22.79	1.14	23.93	<=30	Pass
			4	22.81	1.14	23.95	<=30	Pass
			7	22.86	1.14	24.00	<=30	Pass
		15	0	22.90	1.14	24.04	<=30	Pass
16QAM	1711.5	1	0	22.74	1.14	23.88	<=30	Pass
			7	22.69	1.14	23.83	<=30	Pass
			14	22.79	1.14	23.93	<=30	Pass
		8	0	22.15	1.14	23.29	<=30	Pass
			4	22.13	1.14	23.27	<=30	Pass
			7	22.19	1.14	23.33	<=30	Pass
		15	0	21.94	1.14	23.08	<=30	Pass
	1732.5	1	0	23.46	1.14	24.60	<=30	Pass
			7	23.46	1.14	24.60	<=30	Pass
			14	23.42	1.14	24.56	<=30	Pass
		8	0	22.35	1.14	23.49	<=30	Pass
			4	22.23	1.14	23.37	<=30	Pass
			7	22.21	1.14	23.35	<=30	Pass
		15	0	22.04	1.14	23.18	<=30	Pass
	1753.5	1	0	23.10	1.14	24.24	<=30	Pass
			7	23.14	1.14	24.28	<=30	Pass
			14	23.13	1.14	24.27	<=30	Pass
		8	0	22.09	1.14	23.23	<=30	Pass
			4	22.10	1.14	23.24	<=30	Pass
			7	22.04	1.14	23.18	<=30	Pass
		15	0	21.89	1.14	23.03	<=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	23.75	1.14	24.89	<=30	Pass
			13	23.79	1.14	24.93	<=30	Pass
			24	23.75	1.14	24.89	<=30	Pass
		12	0	22.82	1.14	23.96	<=30	Pass
			6	22.82	1.14	23.96	<=30	Pass
			13	22.96	1.14	24.10	<=30	Pass
		25	0	22.95	1.14	24.09	<=30	Pass
	1732.5	1	0	23.82	1.14	24.96	<=30	Pass
			13	23.89	1.14	25.03	<=30	Pass
			24	23.79	1.14	24.93	<=30	Pass
		12	0	22.86	1.14	24.00	<=30	Pass
			6	22.79	1.14	23.93	<=30	Pass
			13	22.81	1.14	23.95	<=30	Pass
		25	0	22.76	1.14	23.90	<=30	Pass
	1752.5	1	0	23.72	1.14	24.86	<=30	Pass
			13	23.72	1.14	24.86	<=30	Pass
			24	23.73	1.14	24.87	<=30	Pass
		12	0	22.83	1.14	23.97	<=30	Pass
			6	22.93	1.14	24.07	<=30	Pass
			13	22.94	1.14	24.08	<=30	Pass
		25	0	22.89	1.14	24.03	<=30	Pass
16QAM	1712.5	1	0	22.48	1.14	23.62	<=30	Pass
			13	22.52	1.14	23.66	<=30	Pass
			24	22.54	1.14	23.68	<=30	Pass
		12	0	21.91	1.14	23.05	<=30	Pass
			6	21.94	1.14	23.08	<=30	Pass
			13	22.01	1.14	23.15	<=30	Pass
		25	0	21.97	1.14	23.11	<=30	Pass
	1732.5	1	0	22.87	1.14	24.01	<=30	Pass
			13	22.88	1.14	24.02	<=30	Pass
			24	22.88	1.14	24.02	<=30	Pass
		12	0	21.96	1.14	23.10	<=30	Pass
			6	21.84	1.14	22.98	<=30	Pass
			13	21.88	1.14	23.02	<=30	Pass
		25	0	21.91	1.14	23.05	<=30	Pass
	1752.5	1	0	23.12	1.14	24.26	<=30	Pass
			13	23.09	1.14	24.23	<=30	Pass
			24	23.14	1.14	24.28	<=30	Pass
		12	0	21.92	1.14	23.06	<=30	Pass
			6	21.90	1.14	23.04	<=30	Pass
			13	21.88	1.14	23.02	<=30	Pass
		25	0	21.95	1.14	23.09	<=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	23.87	1.14	25.01	<=30	Pass
			25	23.84	1.14	24.98	<=30	Pass
			49	23.90	1.14	25.04	<=30	Pass
		25	0	22.91	1.14	24.05	<=30	Pass
			13	22.79	1.14	23.93	<=30	Pass
			25	22.81	1.14	23.95	<=30	Pass
		50	0	22.77	1.14	23.91	<=30	Pass
	1732.5	1	0	23.91	1.14	25.05	<=30	Pass
			25	23.95	1.14	25.09	<=30	Pass
			49	23.99	1.14	25.13	<=30	Pass
		25	0	22.78	1.14	23.92	<=30	Pass
			13	22.89	1.14	24.03	<=30	Pass
			25	22.88	1.14	24.02	<=30	Pass
		50	0	22.89	1.14	24.03	<=30	Pass
	1750	1	0	23.93	1.14	25.07	<=30	Pass
			25	23.91	1.14	25.05	<=30	Pass
			49	23.97	1.14	25.11	<=30	Pass
		25	0	22.87	1.14	24.01	<=30	Pass
			13	22.81	1.14	23.95	<=30	Pass
			25	22.89	1.14	24.03	<=30	Pass
		50	0	22.80	1.14	23.94	<=30	Pass
16QAM	1715	1	0	22.85	1.14	23.99	<=30	Pass
			25	22.85	1.14	23.99	<=30	Pass
			49	22.79	1.14	23.93	<=30	Pass
		25	0	21.94	1.14	23.08	<=30	Pass
			13	21.89	1.14	23.03	<=30	Pass
			25	21.87	1.14	23.01	<=30	Pass
		50	0	21.85	1.14	22.99	<=30	Pass
	1732.5	1	0	22.90	1.14	24.04	<=30	Pass
			25	22.91	1.14	24.05	<=30	Pass
			49	22.97	1.14	24.11	<=30	Pass
		25	0	22.10	1.14	23.24	<=30	Pass
			13	22.00	1.14	23.14	<=30	Pass
			25	22.03	1.14	23.17	<=30	Pass
		50	0	21.96	1.14	23.10	<=30	Pass
	1750	1	0	22.52	1.14	23.66	<=30	Pass
			25	22.54	1.14	23.68	<=30	Pass
			49	22.51	1.14	23.65	<=30	Pass
		25	0	21.88	1.14	23.02	<=30	Pass
			13	21.92	1.14	23.06	<=30	Pass
			25	21.94	1.14	23.08	<=30	Pass
		50	0	21.81	1.14	22.95	<=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	23.88	1.14	25.02	<=30	Pass
			38	23.80	1.14	24.94	<=30	Pass
			74	23.74	1.14	24.88	<=30	Pass
		36	0	22.79	1.14	23.93	<=30	Pass
			18	22.83	1.14	23.97	<=30	Pass
			39	22.82	1.14	23.96	<=30	Pass
		75	0	22.79	1.14	23.93	<=30	Pass
	1732.5	1	0	23.92	1.14	25.06	<=30	Pass
			38	23.97	1.14	25.11	<=30	Pass
			74	23.95	1.14	25.09	<=30	Pass
		36	0	22.67	1.14	23.81	<=30	Pass
			18	22.80	1.14	23.94	<=30	Pass
			39	22.92	1.14	24.06	<=30	Pass
		75	0	22.74	1.14	23.88	<=30	Pass
	1747.5	1	0	23.93	1.14	25.07	<=30	Pass
			38	23.89	1.14	25.03	<=30	Pass
			74	23.95	1.14	25.09	<=30	Pass
		36	0	22.85	1.14	23.99	<=30	Pass
			18	22.92	1.14	24.06	<=30	Pass
			39	22.90	1.14	24.04	<=30	Pass
		75	0	22.88	1.14	24.02	<=30	Pass
16QAM	1717.5	1	0	22.82	1.14	23.96	<=30	Pass
			38	22.71	1.14	23.85	<=30	Pass
			74	22.71	1.14	23.85	<=30	Pass
		36	0	21.85	1.14	22.99	<=30	Pass
			18	21.83	1.14	22.97	<=30	Pass
			39	21.89	1.14	23.03	<=30	Pass
		75	0	21.85	1.14	22.99	<=30	Pass
	1732.5	1	0	22.87	1.14	24.01	<=30	Pass
			38	22.91	1.14	24.05	<=30	Pass
			74	22.95	1.14	24.09	<=30	Pass
		36	0	21.95	1.14	23.09	<=30	Pass
			18	21.98	1.14	23.12	<=30	Pass
			39	21.97	1.14	23.11	<=30	Pass
		75	0	21.93	1.14	23.07	<=30	Pass
	1747.5	1	0	23.25	1.14	24.39	<=30	Pass
			38	23.34	1.14	24.48	<=30	Pass
			74	23.29	1.14	24.43	<=30	Pass
		36	0	21.88	1.14	23.02	<=30	Pass
			18	21.96	1.14	23.10	<=30	Pass
			39	21.95	1.14	23.09	<=30	Pass
		75	0	21.92	1.14	23.06	<=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	23.88	1.14	25.02	<=30	Pass
			50	23.75	1.14	24.89	<=30	Pass
			99	23.79	1.14	24.93	<=30	Pass
		50	0	22.78	1.14	23.92	<=30	Pass
			25	22.70	1.14	23.84	<=30	Pass
			50	22.85	1.14	23.99	<=30	Pass
		100	0	22.78	1.14	23.92	<=30	Pass
	1732.5	1	0	23.78	1.14	24.92	<=30	Pass
			50	23.78	1.14	24.92	<=30	Pass
			99	23.81	1.14	24.95	<=30	Pass
		50	0	22.77	1.14	23.91	<=30	Pass
			25	22.93	1.14	24.07	<=30	Pass
			50	22.78	1.14	23.92	<=30	Pass
		100	0	22.77	1.14	23.91	<=30	Pass
	1745	1	0	23.99	1.14	25.13	<=30	Pass
			50	24.02	1.14	25.16	<=30	Pass
			99	24.02	1.14	25.16	<=30	Pass
		50	0	22.94	1.14	24.08	<=30	Pass
			25	22.91	1.14	24.05	<=30	Pass
			50	22.78	1.14	23.92	<=30	Pass
		100	0	22.76	1.14	23.90	<=30	Pass
16QAM	1720	1	0	22.91	1.14	24.05	<=30	Pass
			50	22.89	1.14	24.03	<=30	Pass
			99	22.89	1.14	24.03	<=30	Pass
		50	0	22.03	1.14	23.17	<=30	Pass
			25	21.97	1.14	23.11	<=30	Pass
			50	21.93	1.14	23.07	<=30	Pass
		100	0	21.85	1.14	22.99	<=30	Pass
	1732.5	1	0	23.34	1.14	24.48	<=30	Pass
			50	23.32	1.14	24.46	<=30	Pass
			99	23.38	1.14	24.52	<=30	Pass
		50	0	21.93	1.14	23.07	<=30	Pass
			25	22.02	1.14	23.16	<=30	Pass
			50	21.96	1.14	23.10	<=30	Pass
		100	0	21.94	1.14	23.08	<=30	Pass
	1745	1	0	23.14	1.14	24.28	<=30	Pass
			50	23.11	1.14	24.25	<=30	Pass
			99	23.03	1.14	24.17	<=30	Pass
		50	0	21.89	1.14	23.03	<=30	Pass
			25	21.91	1.14	23.05	<=30	Pass
			50	21.95	1.14	23.09	<=30	Pass
		100	0	21.97	1.14	23.11	<=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	31.085	0.0179	-2.5 to 2.5	Pass
					3.60	18.582	0.0107	-2.5 to 2.5	Pass
					4.20	14.906	0.0086	-2.5 to 2.5	Pass
				-30	3.60	14.191	0.0082	-2.5 to 2.5	Pass
				-20	3.60	11.544	0.0067	-2.5 to 2.5	Pass
				-10	3.60	6.108	0.0035	-2.5 to 2.5	Pass
				0	3.60	6.523	0.0038	-2.5 to 2.5	Pass
				10	3.60	1.073	0.0006	-2.5 to 2.5	Pass
				30	3.60	-2.704	-0.0016	-2.5 to 2.5	Pass
				40	3.60	-3.619	-0.0021	-2.5 to 2.5	Pass
				50	3.60	-5.322	-0.0031	-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	1.120	/	Pass
	16QAM	1732.5	6	0	1.111	/	Pass
3	QPSK	1732.5	15	0	2.758	/	Pass
	16QAM	1732.5	15	0	2.758	/	Pass
5	QPSK	1732.5	25	0	4.596	/	Pass
	16QAM	1732.5	25	0	4.559	/	Pass
10	QPSK	1732.5	50	0	9.067	/	Pass
	16QAM	1732.5	50	0	9.065	/	Pass
15	QPSK	1732.5	75	0	13.645	/	Pass
	16QAM	1732.5	75	0	13.597	/	Pass
20	QPSK	1732.5	100	0	18.165	/	Pass
	16QAM	1732.5	100	0	18.182	/	Pass

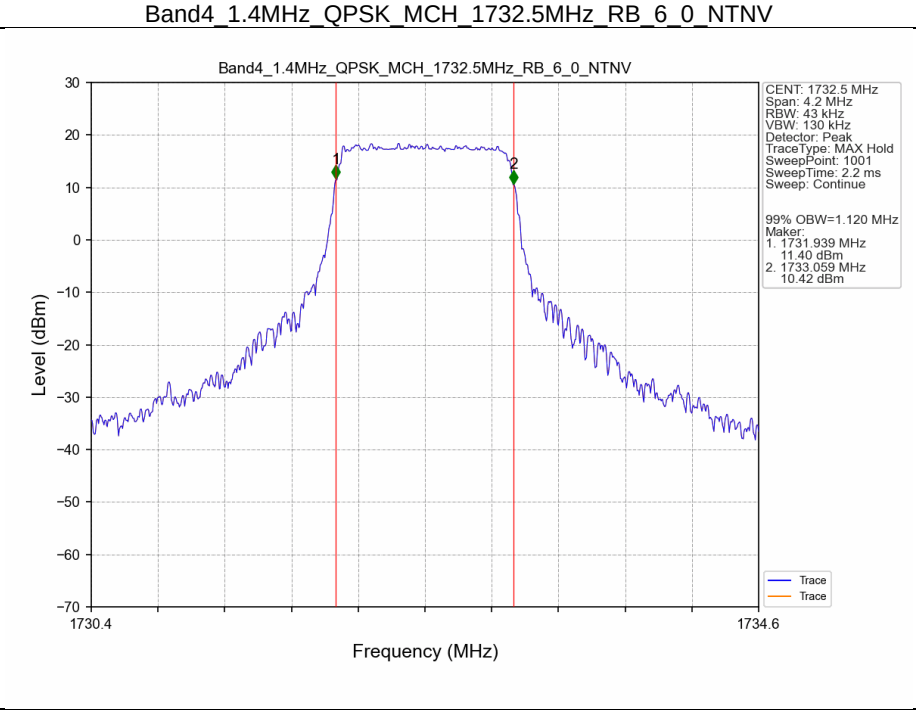
3.1.2 Band4_XDB

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	1.350	/	Pass
	16QAM	1732.5	6	0	1.326	/	Pass
3	QPSK	1732.5	15	0	3.111	/	Pass
	16QAM	1732.5	15	0	3.125	/	Pass
5	QPSK	1732.5	25	0	5.406	/	Pass
	16QAM	1732.5	25	0	5.560	/	Pass
10	QPSK	1732.5	50	0	10.378	/	Pass
	16QAM	1732.5	50	0	10.268	/	Pass
15	QPSK	1732.5	75	0	15.771	/	Pass
	16QAM	1732.5	75	0	15.297	/	Pass
20	QPSK	1732.5	100	0	20.256	/	Pass
	16QAM	1732.5	100	0	20.381	/	Pass

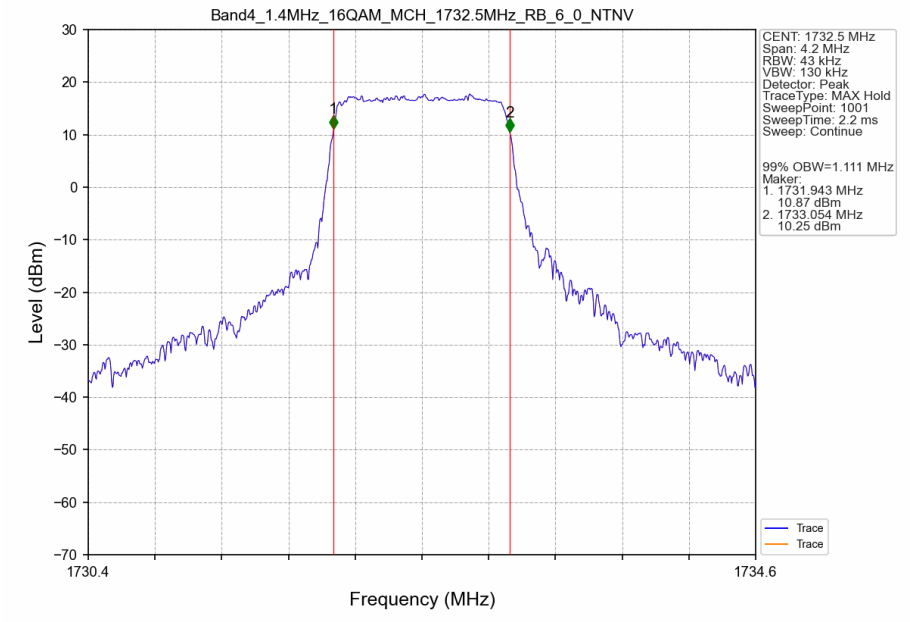
3.2 Test Graph

3.2.1 Band4_OBW

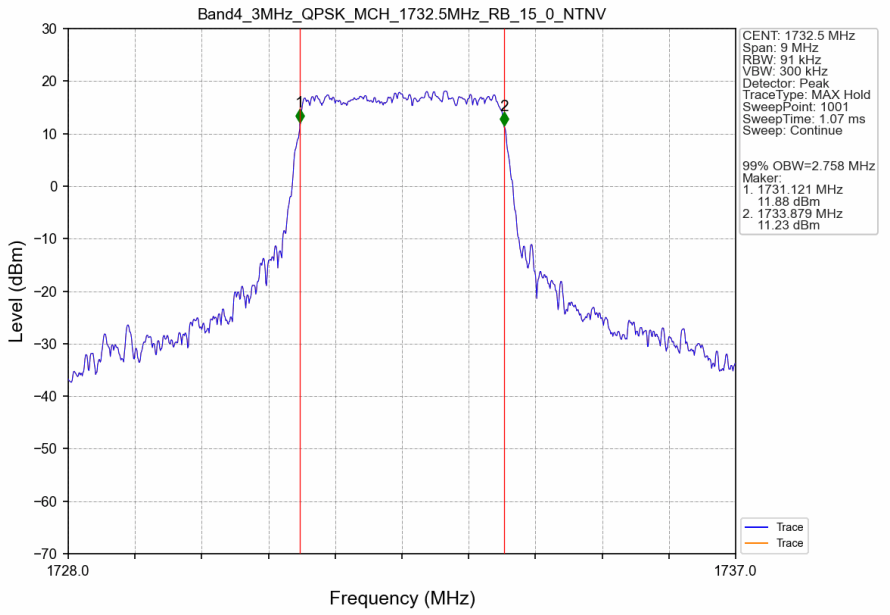
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



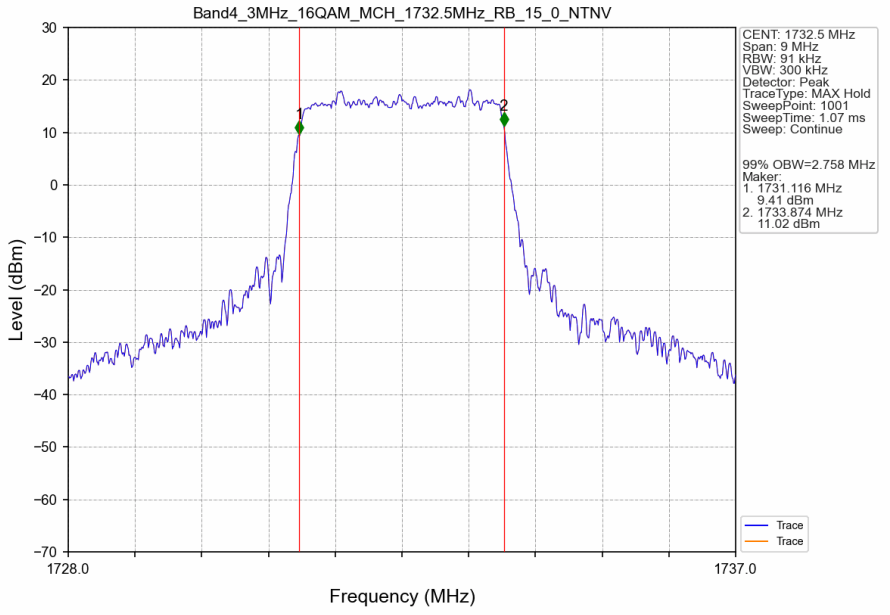
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



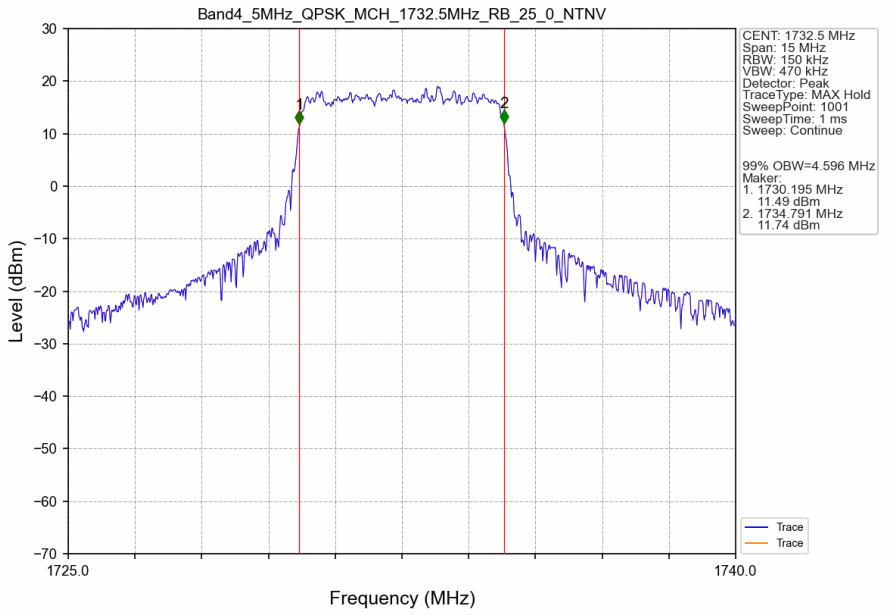
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



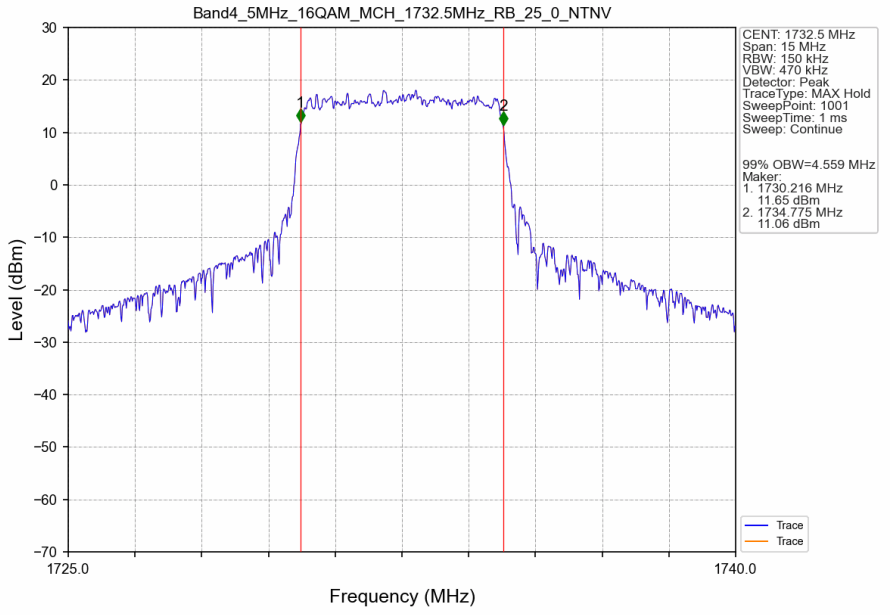
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



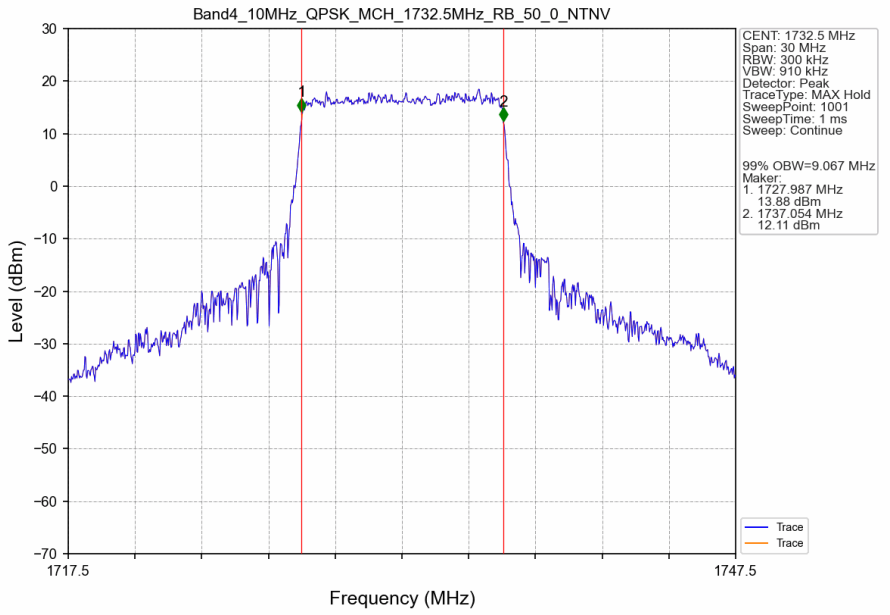
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



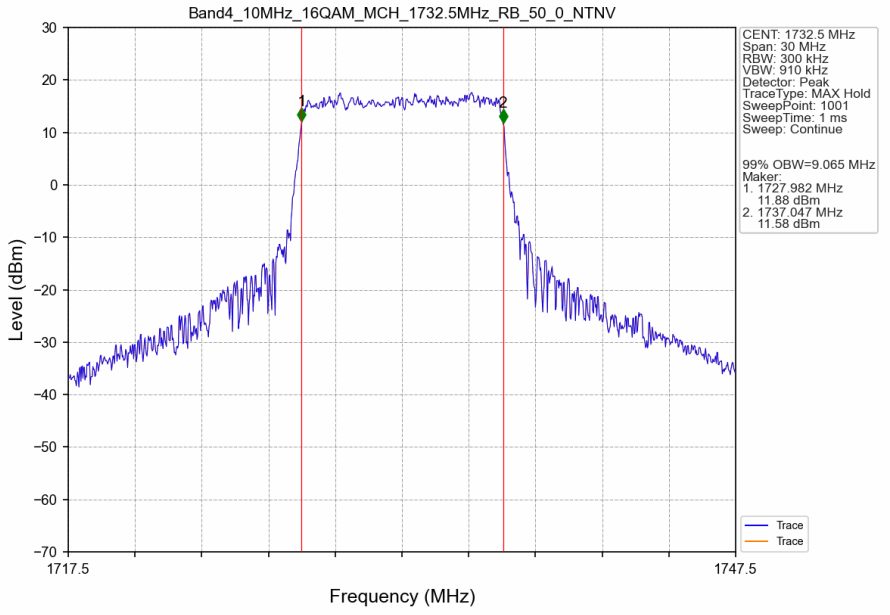
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



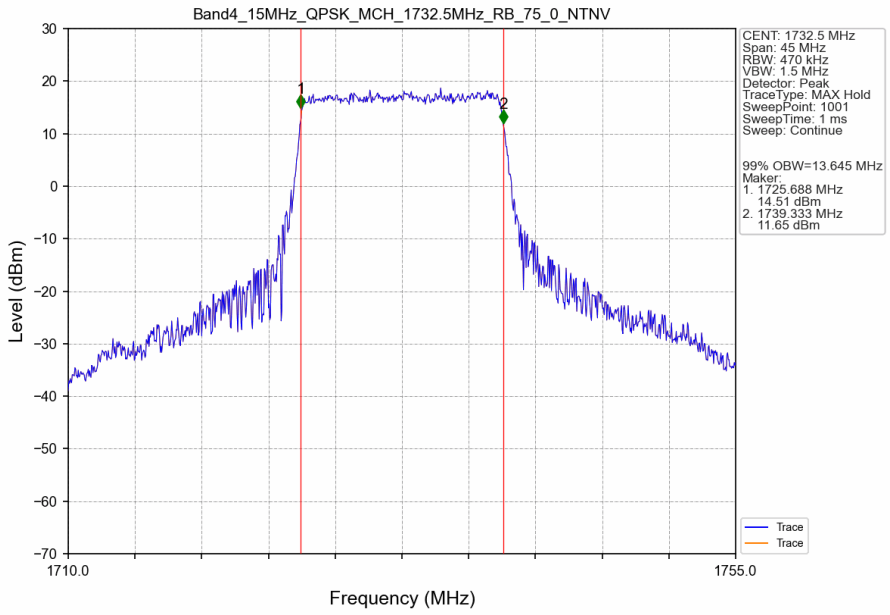
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



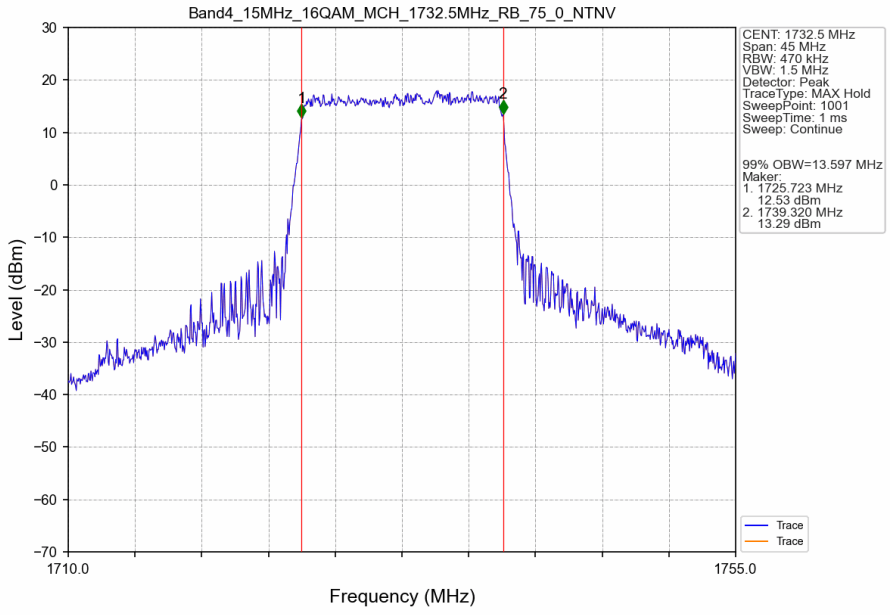
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



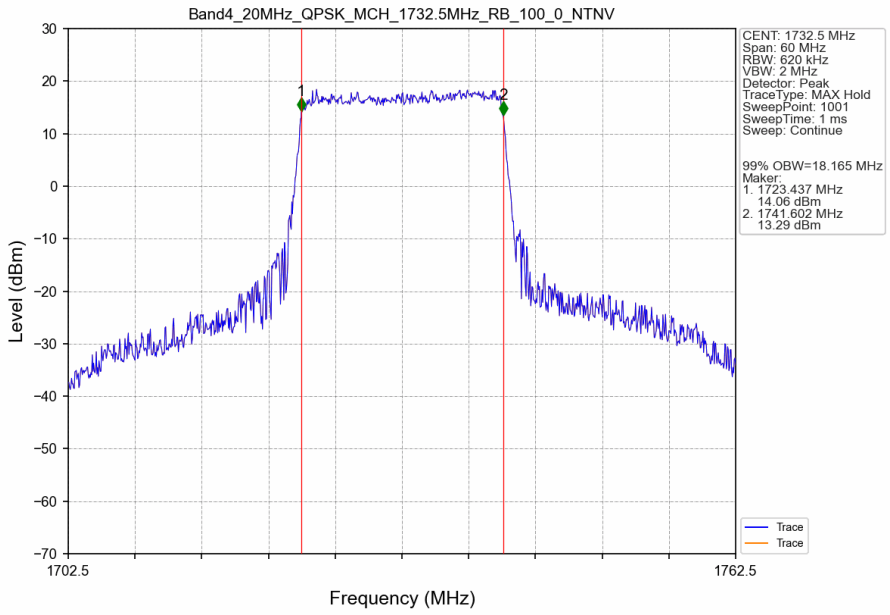
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



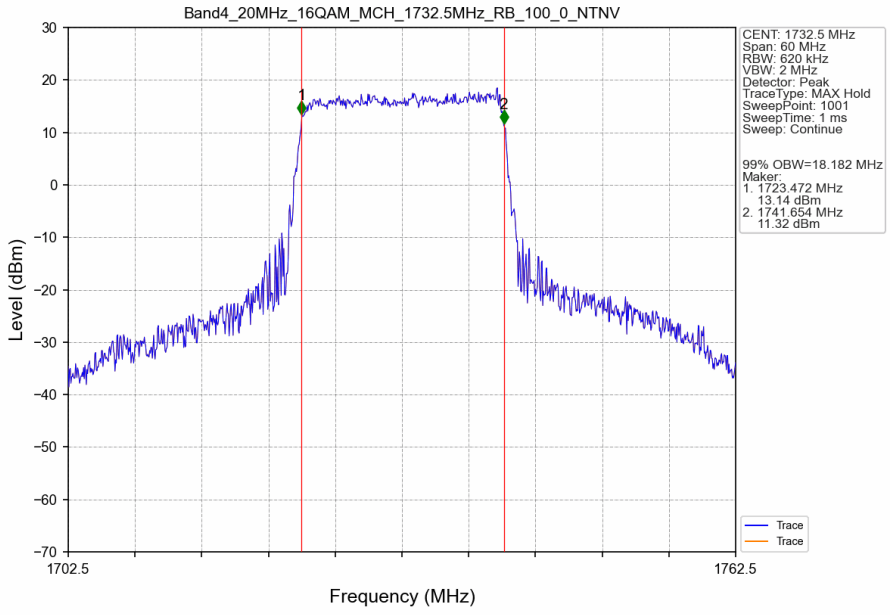
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



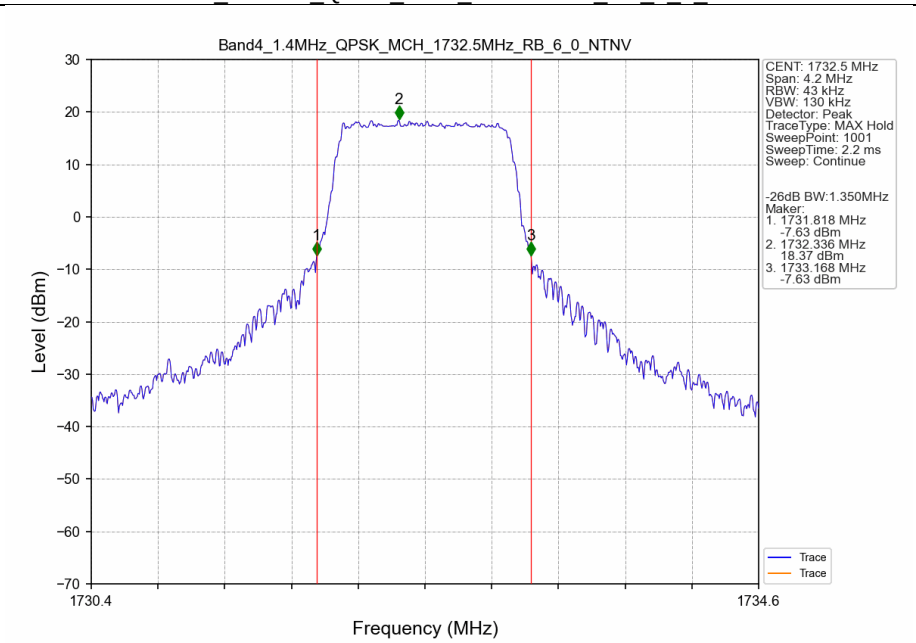
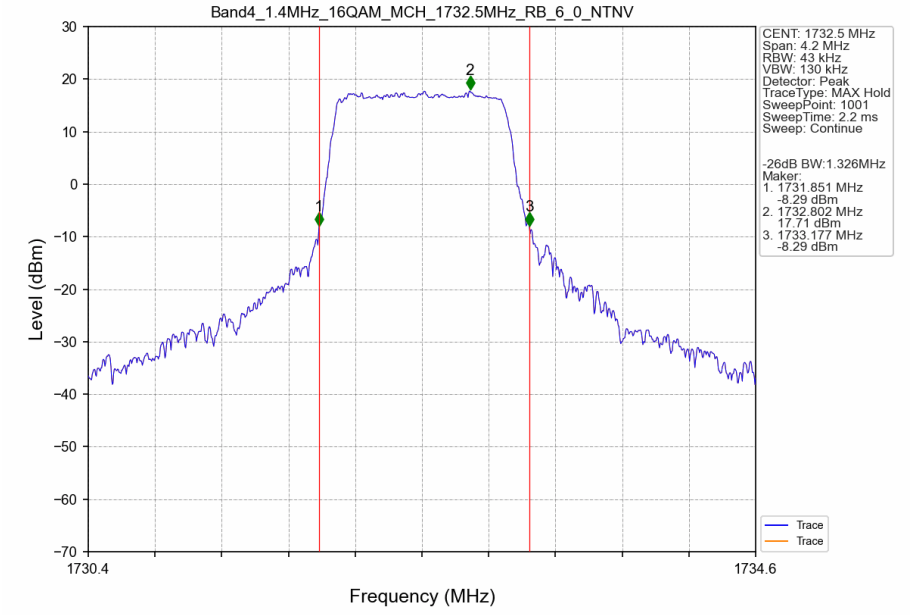
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



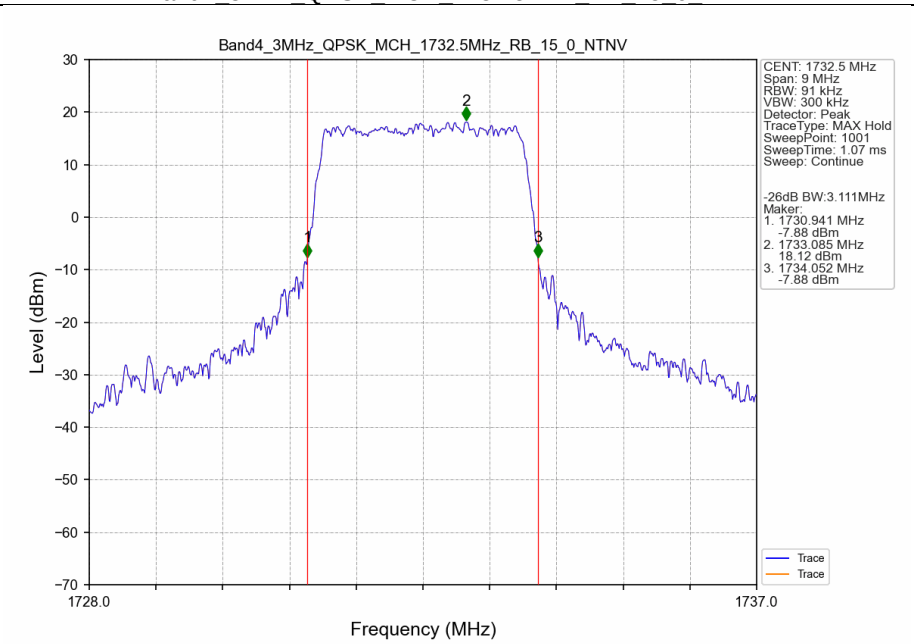
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



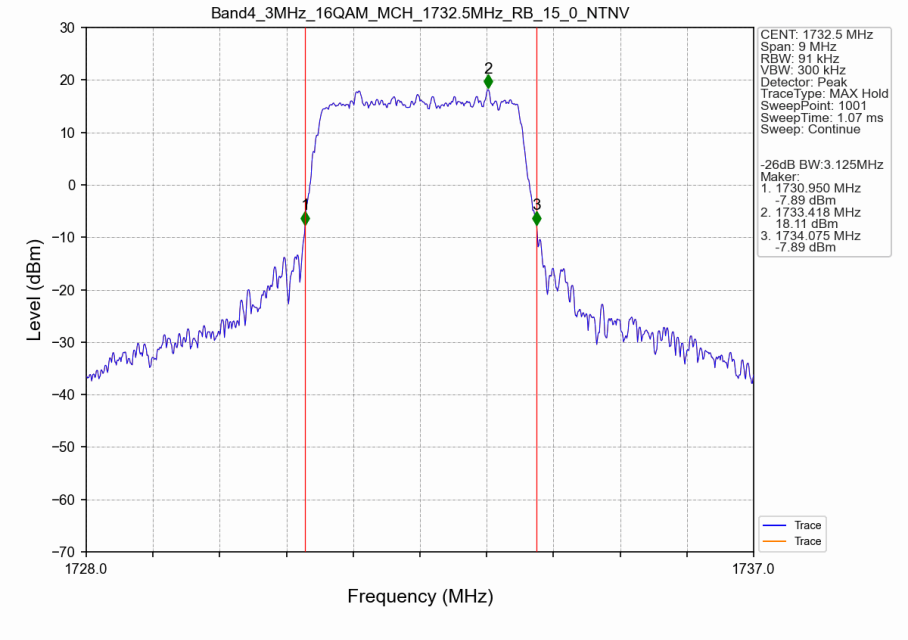
3.2.2 Band4_XDB

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV

Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV


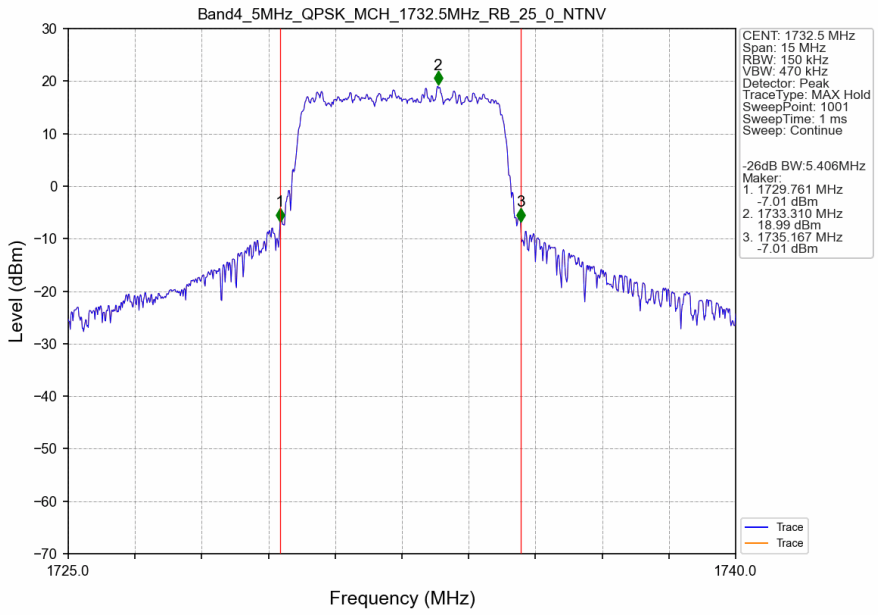
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



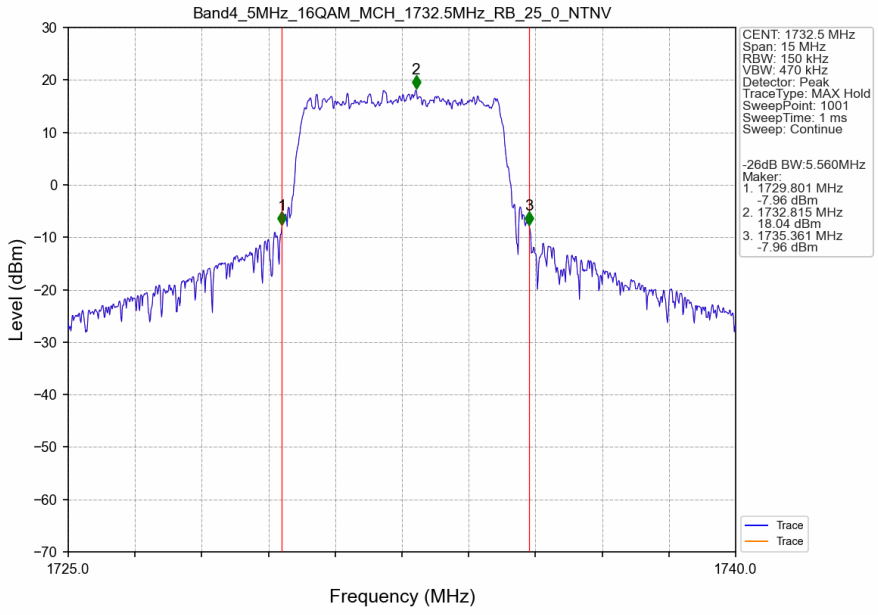
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



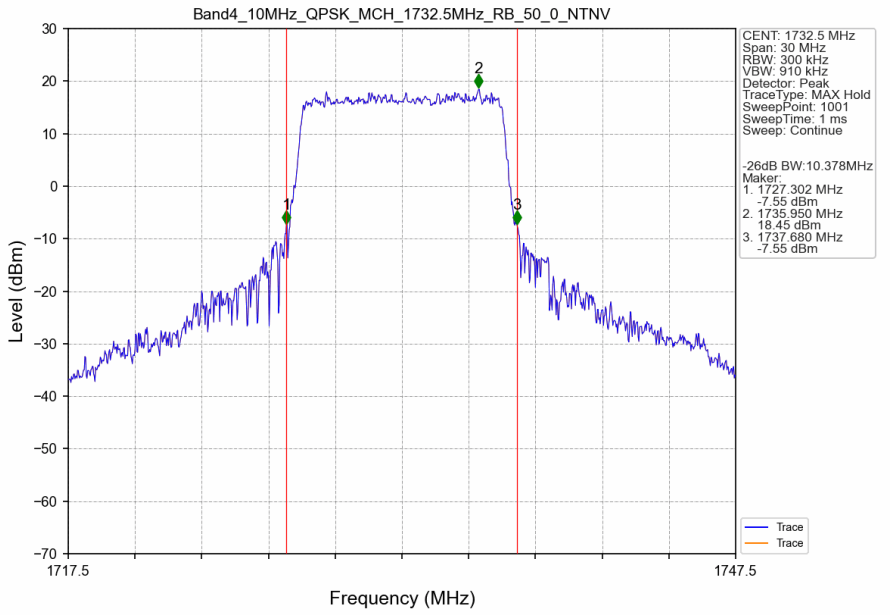
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



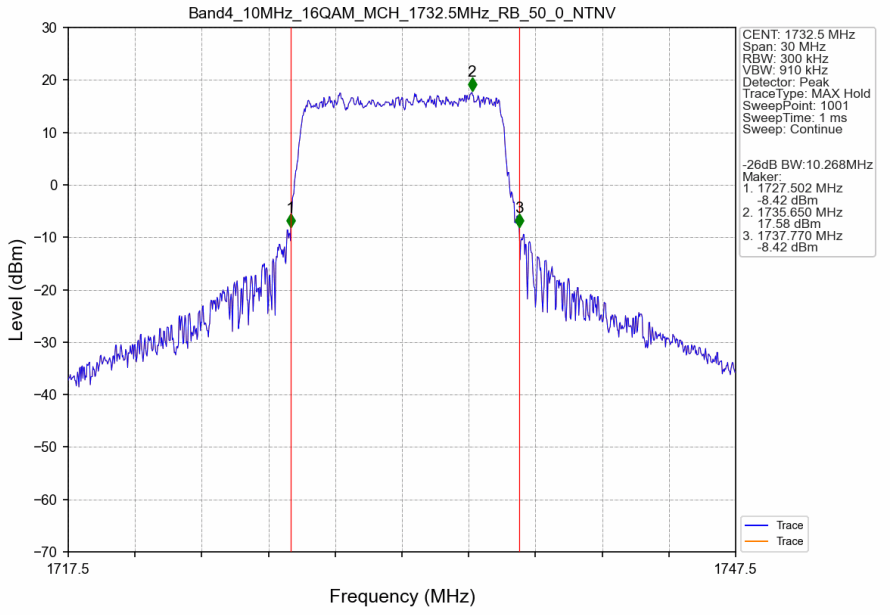
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



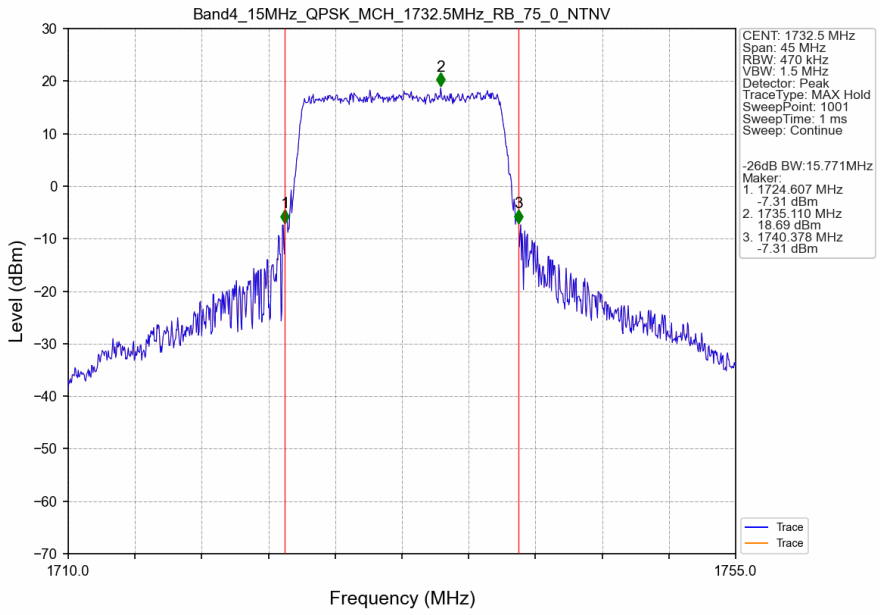
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



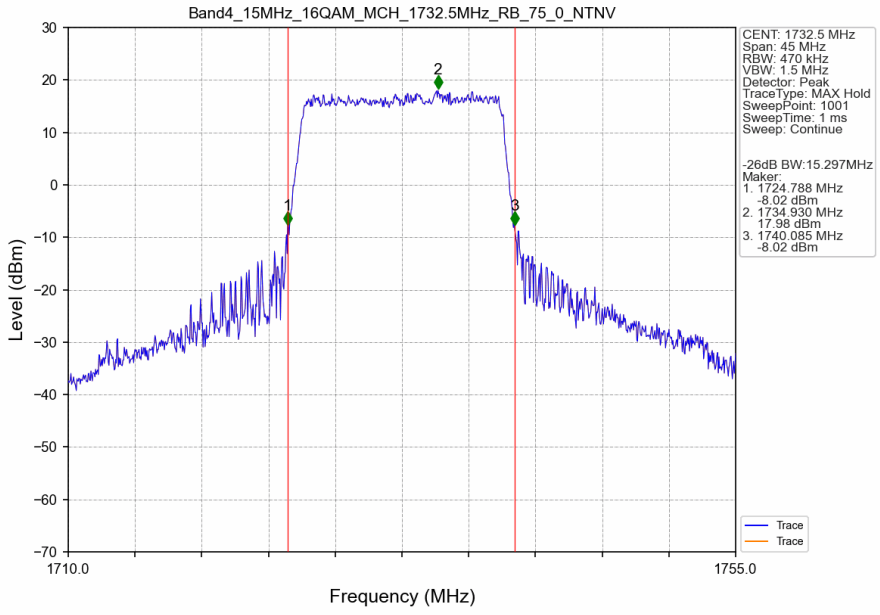
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



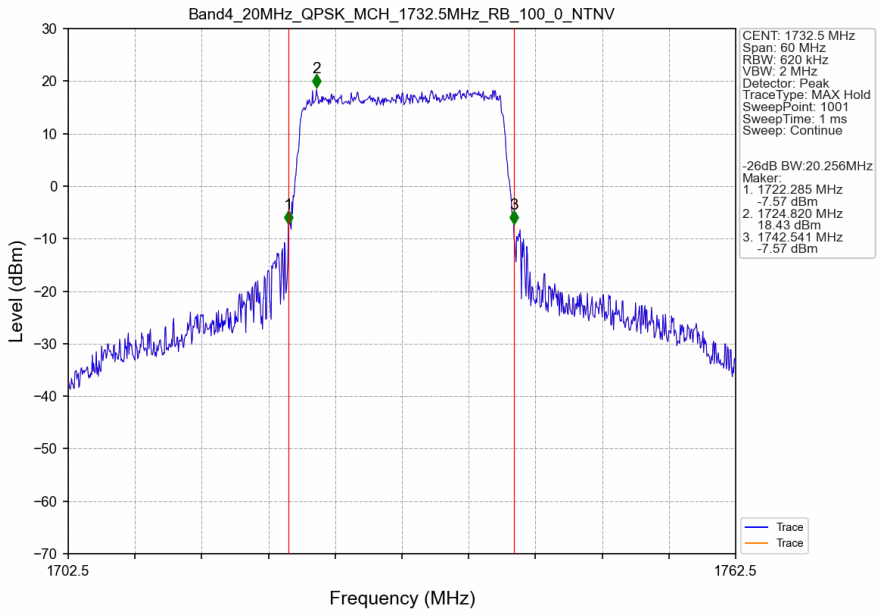
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



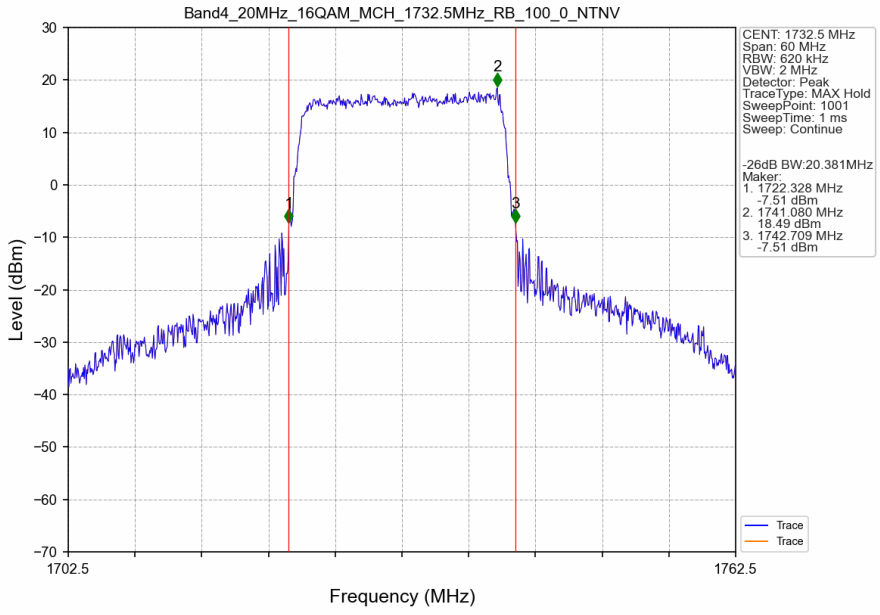
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



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

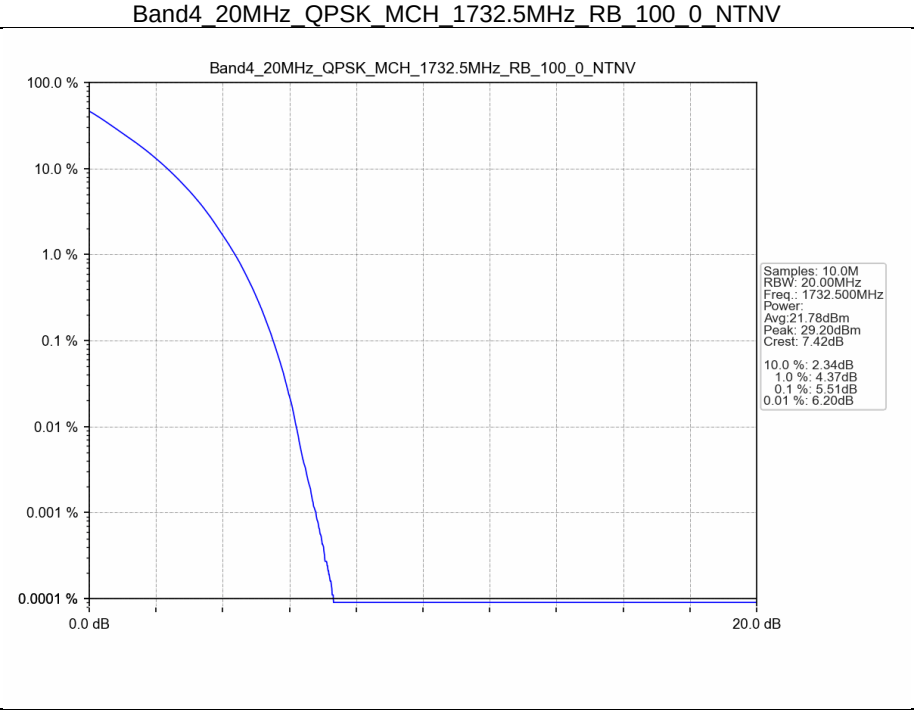
4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.51	<=13	Pass
16QAM	1732.5	100	0	6.28	<=13	Pass

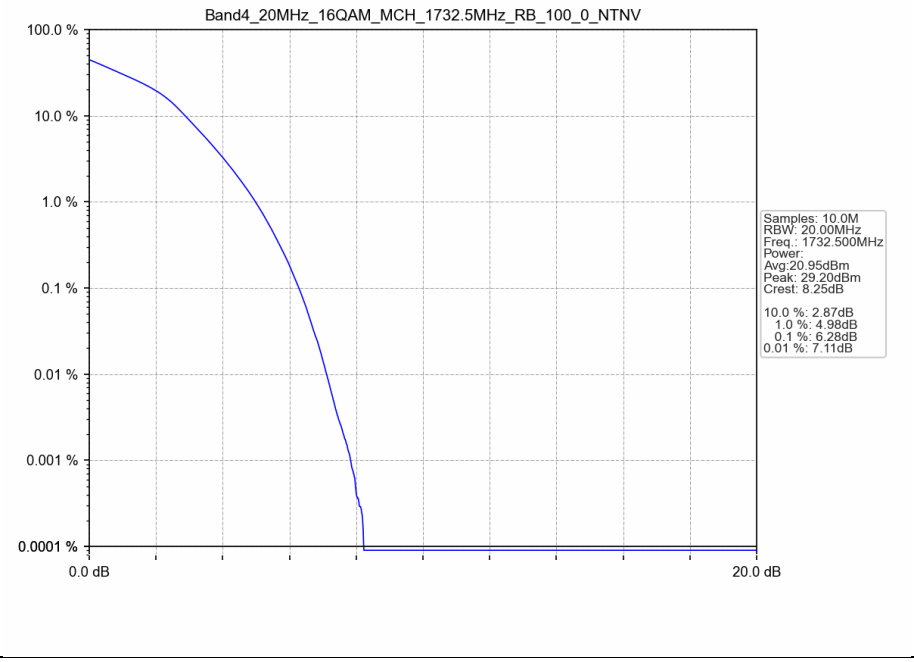
4.2 Test Graph

4.2.1 B4_20MHz

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B4_15MHz

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

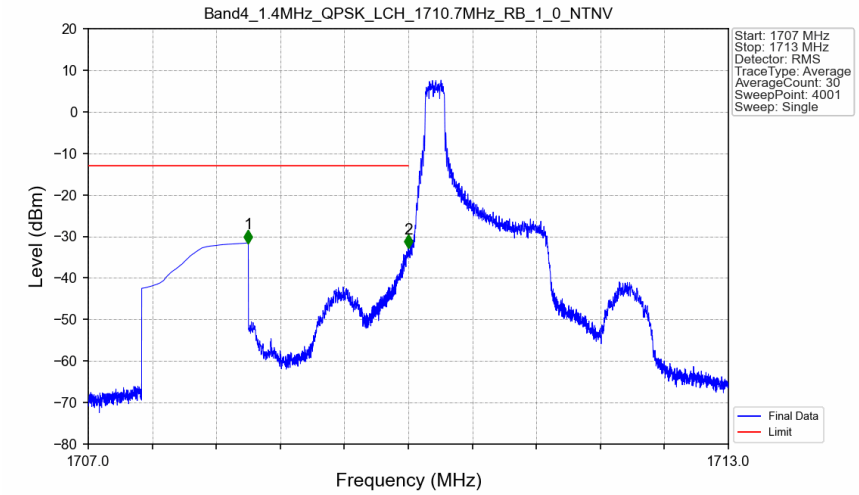
5.1.6 B4_20MHz

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

5.2 Test Graph

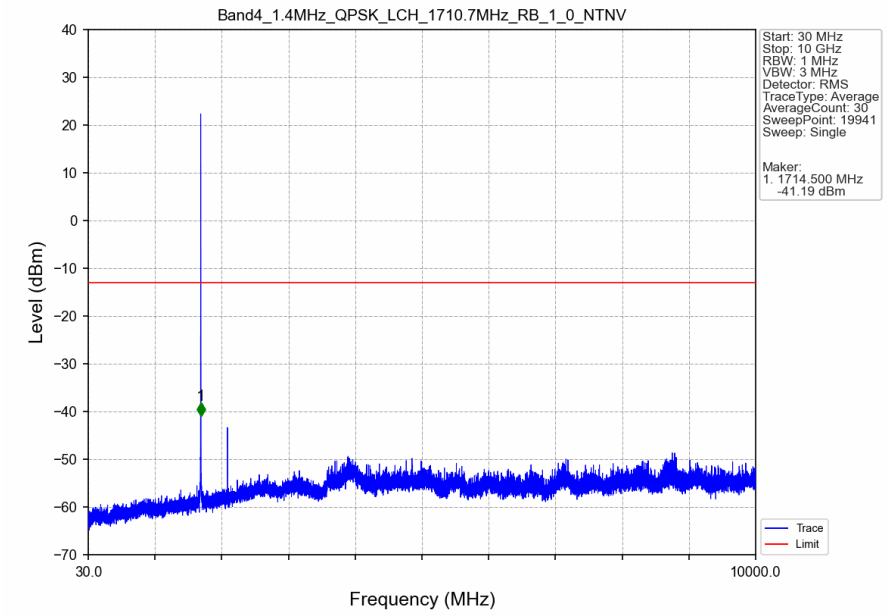
5.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

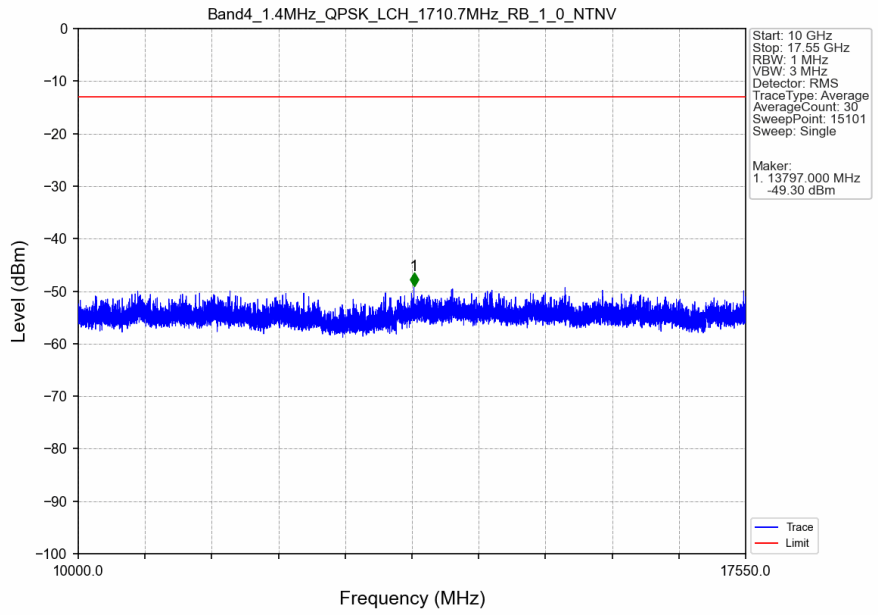


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.497	-31.58	-13	Pass
1709	1710	0.003	/	2	1709.998	-32.76	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

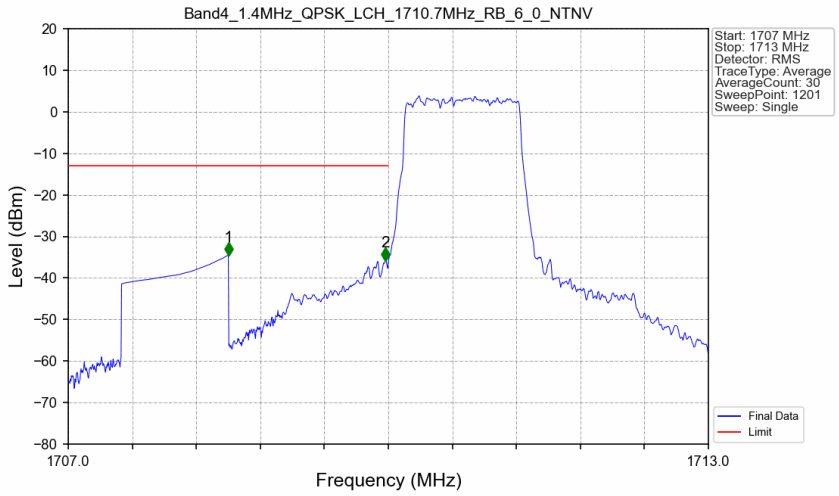
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

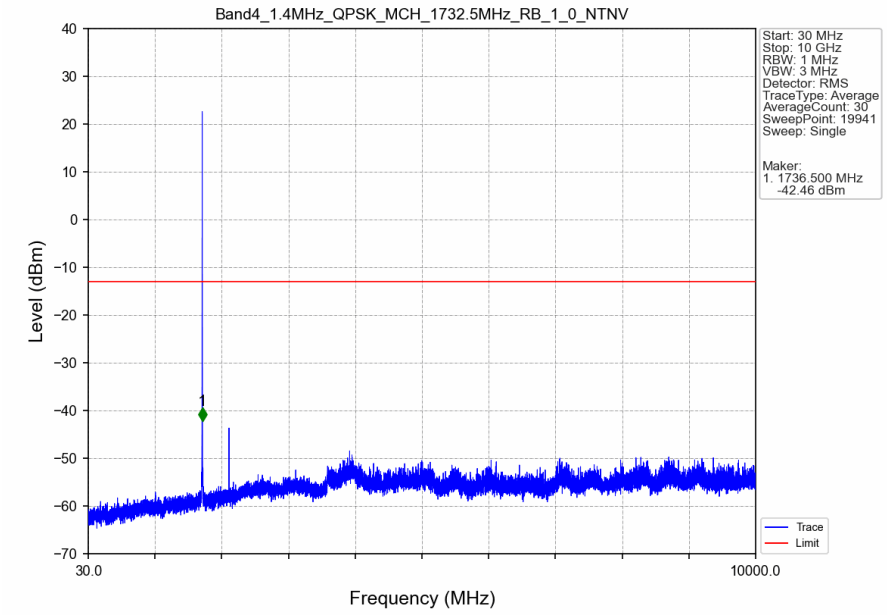


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

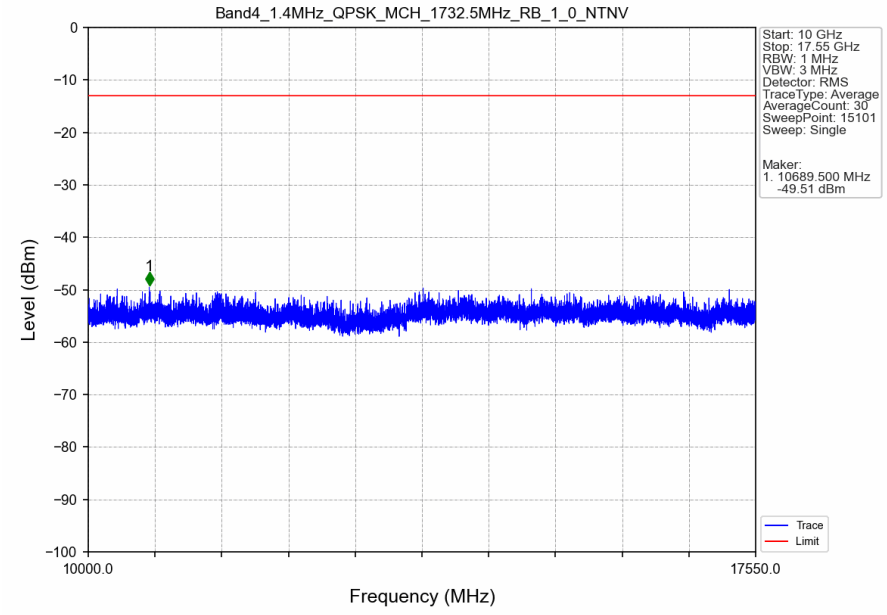


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-34.51	-13	Pass
1709	1710	0.013	CHP	2	1709.975	-35.88	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

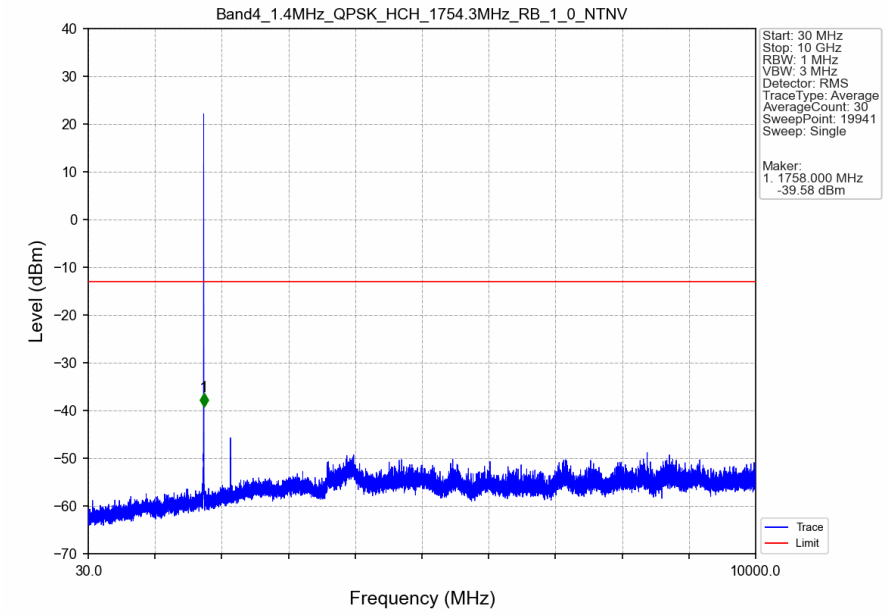
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



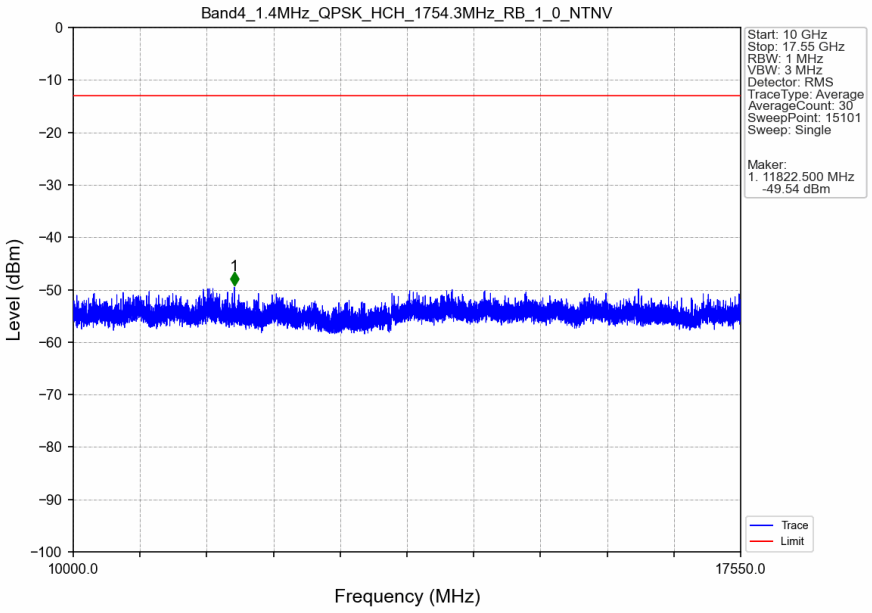
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



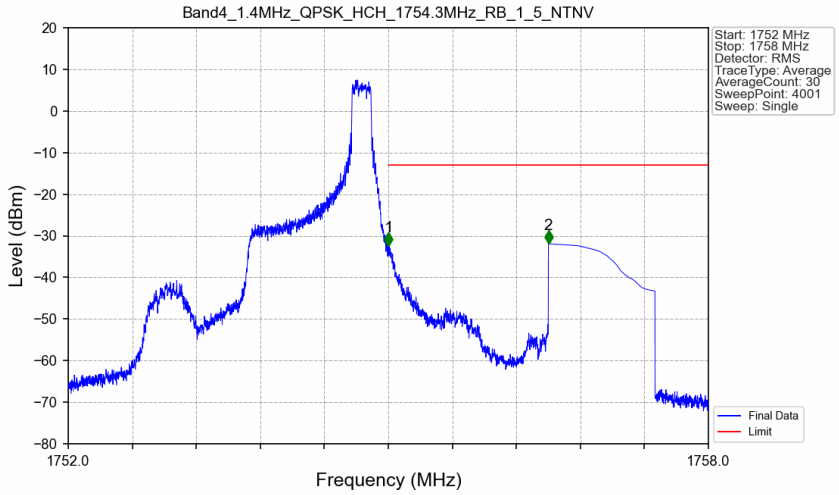
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

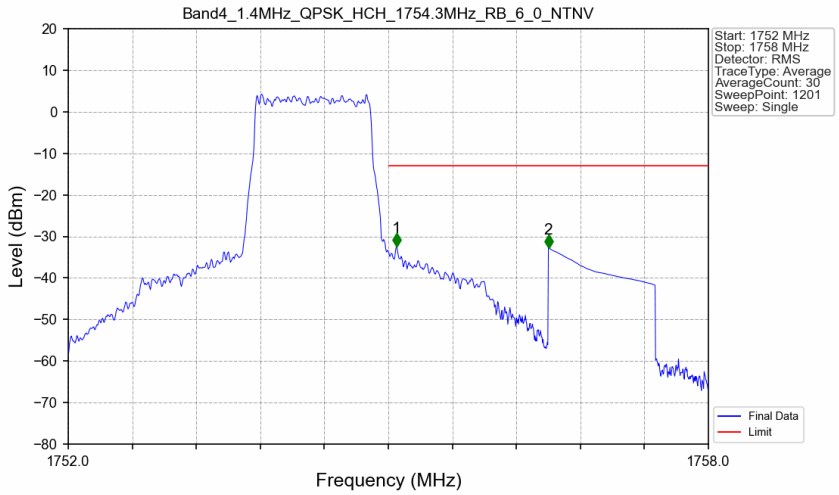


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



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	-32.38	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.92	-13	Pass

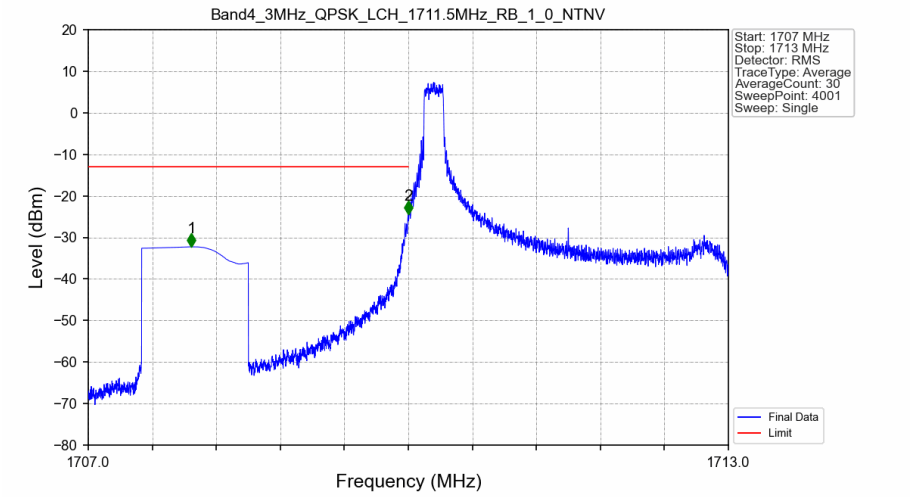
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.014	CHP	/	/	/	/	/
1755	1756	0.014	CHP	1	1755.075	-32.42	-13	Pass
1756	1758	1	CHP	2	1756.500	-32.78	-13	Pass

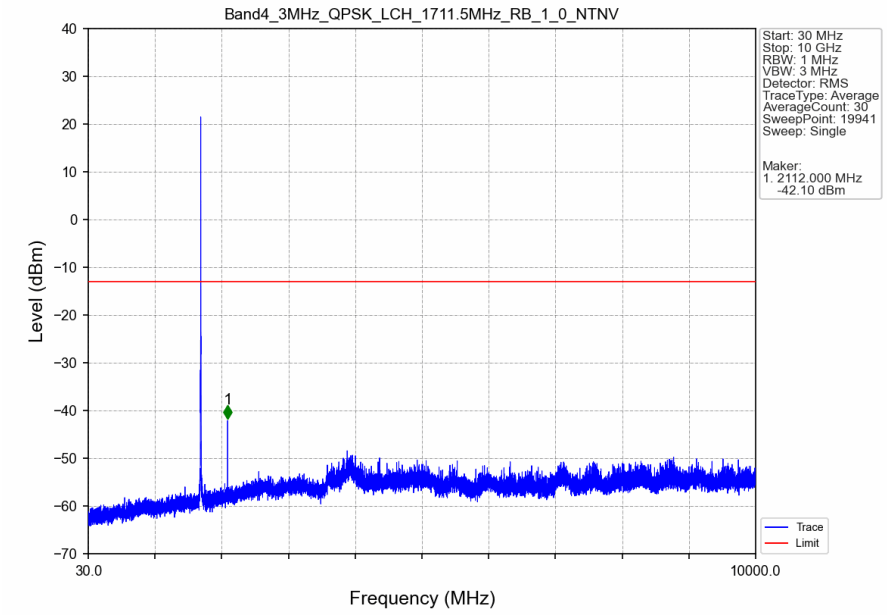
5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

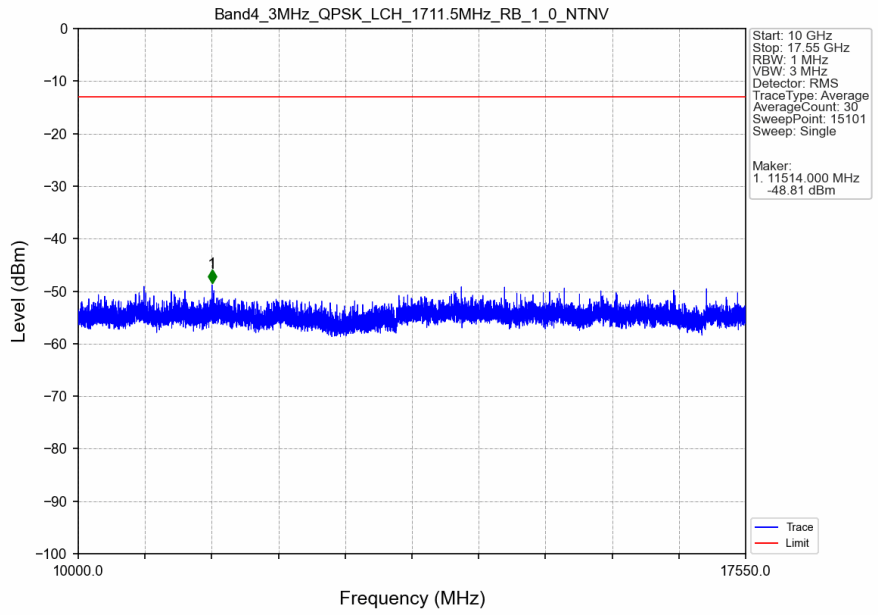


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.967	-32.27	-13	Pass
1709	1710	0.003	/	2	1709.998	-24.39	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

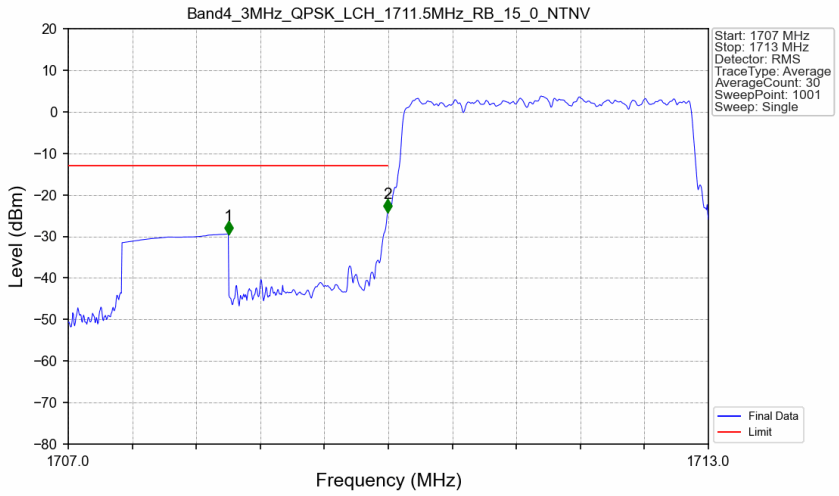
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

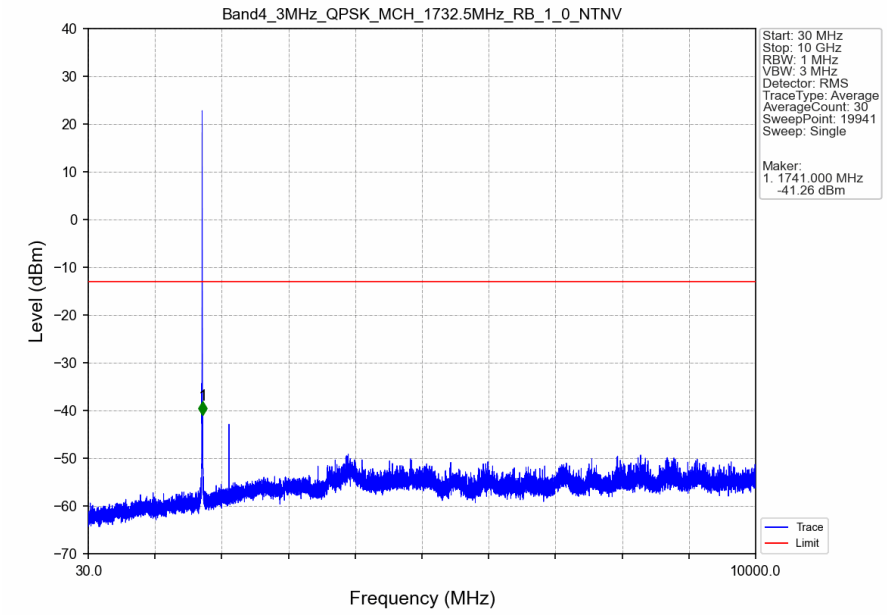


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

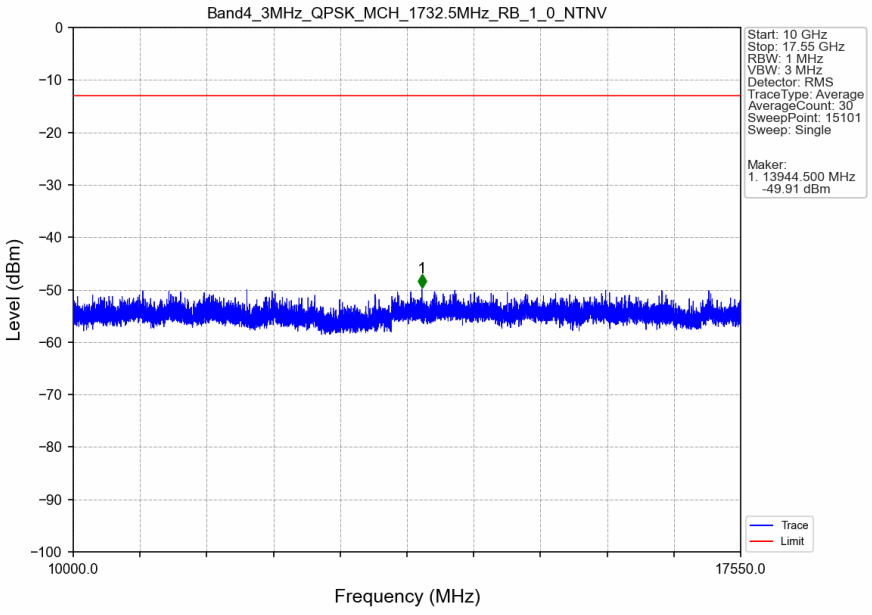


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-29.41	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-24.25	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

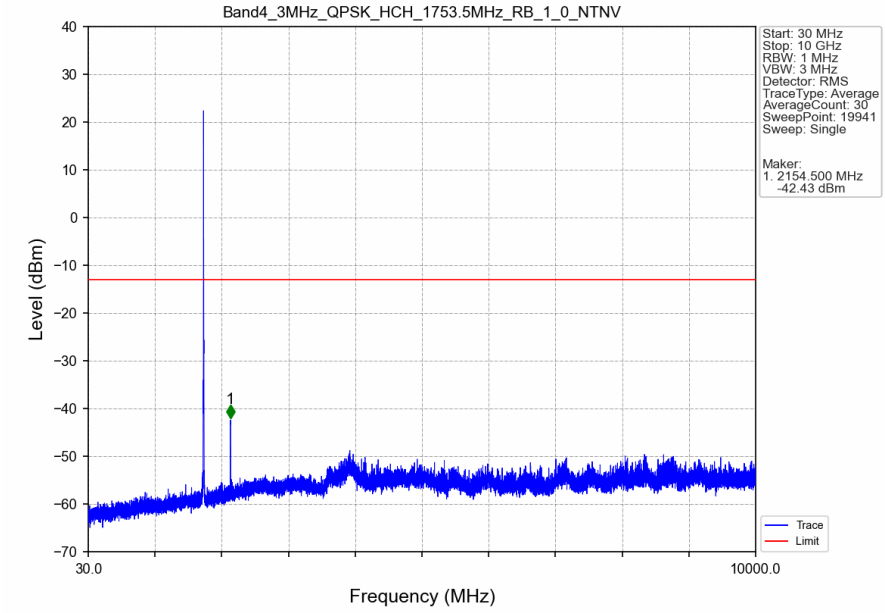
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



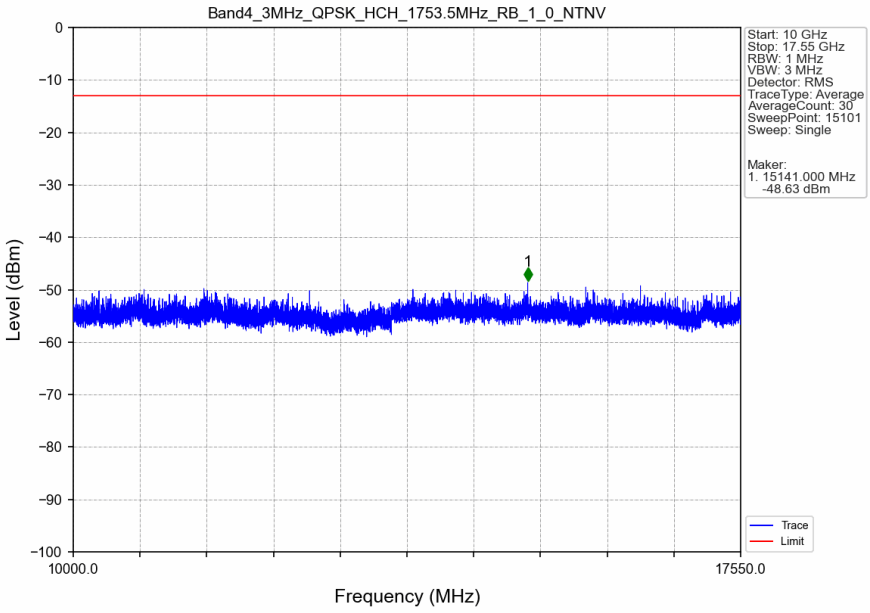
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



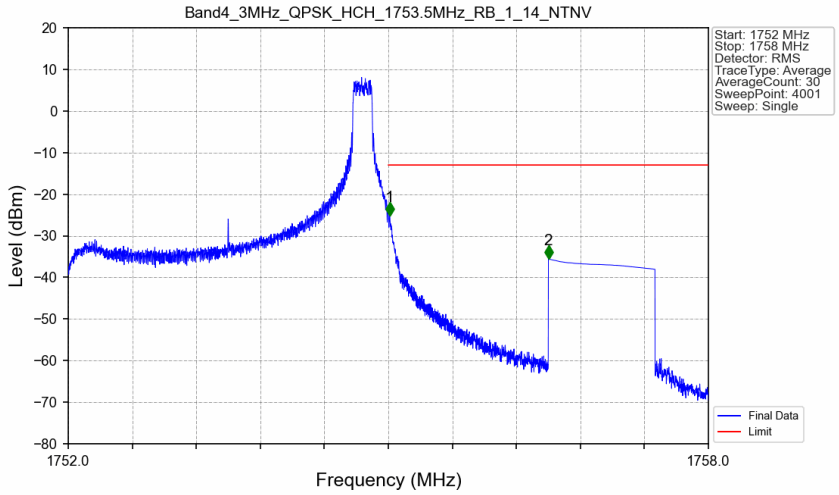
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

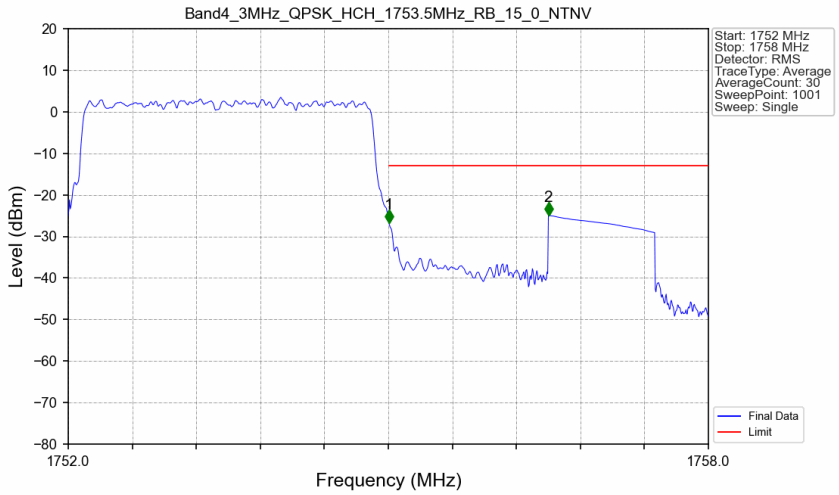


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.014	-25.09	-13	Pass
1756	1758	1	CHP	2	1756.500	-35.57	-13	Pass

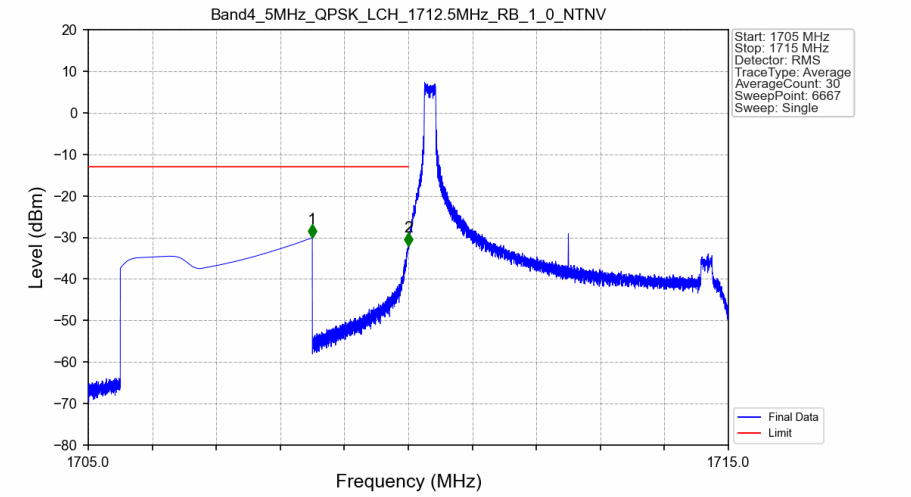
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-26.81	-13	Pass
1756	1758	1	CHP	2	1756.500	-24.91	-13	Pass

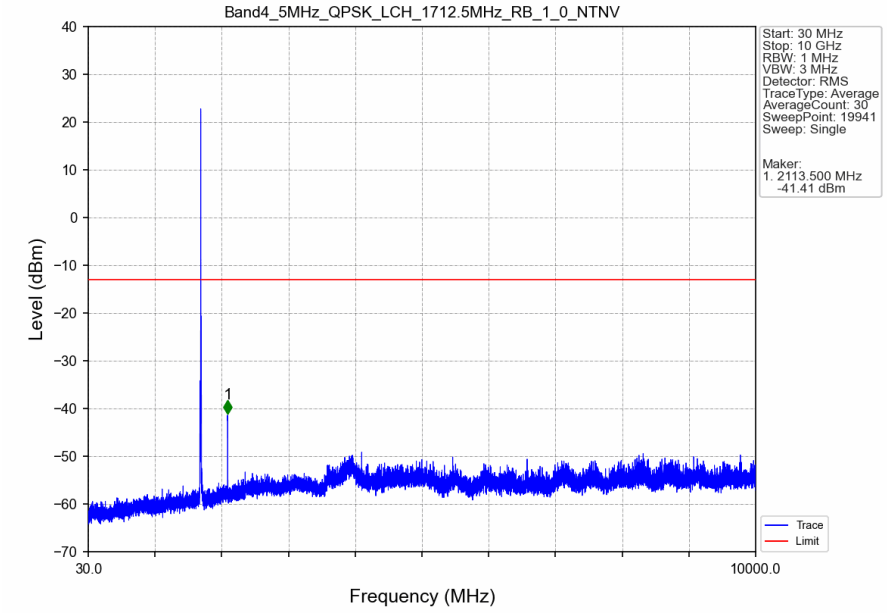
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

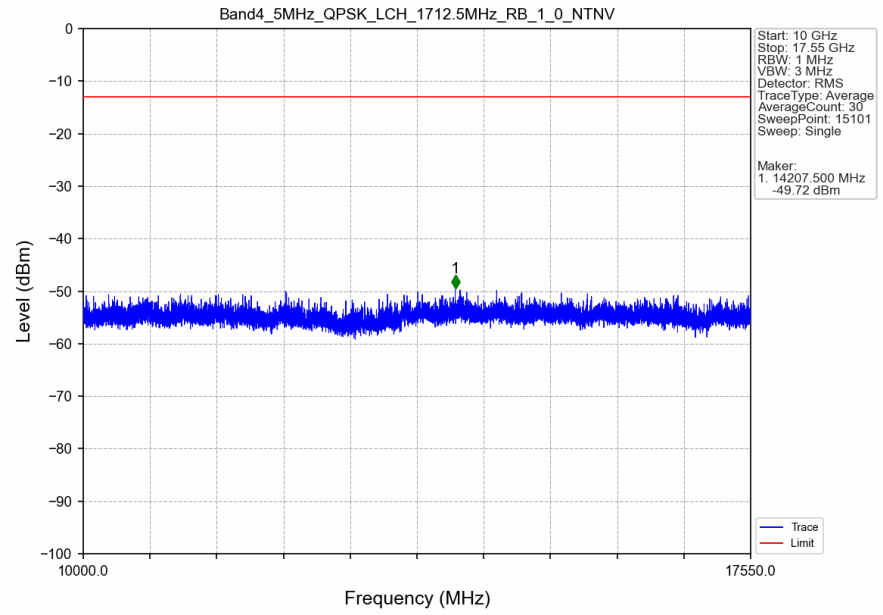


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.498	-30.08	-13	Pass
1709	1710	0.003	/	2	1709.998	-32.04	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

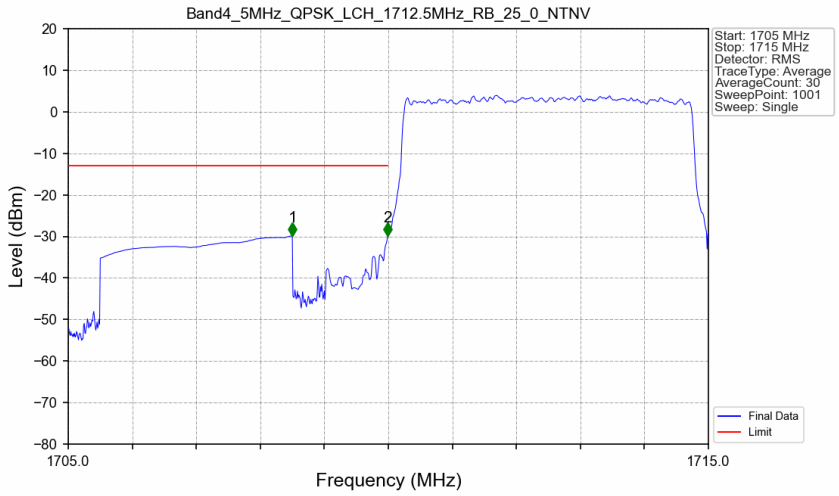
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



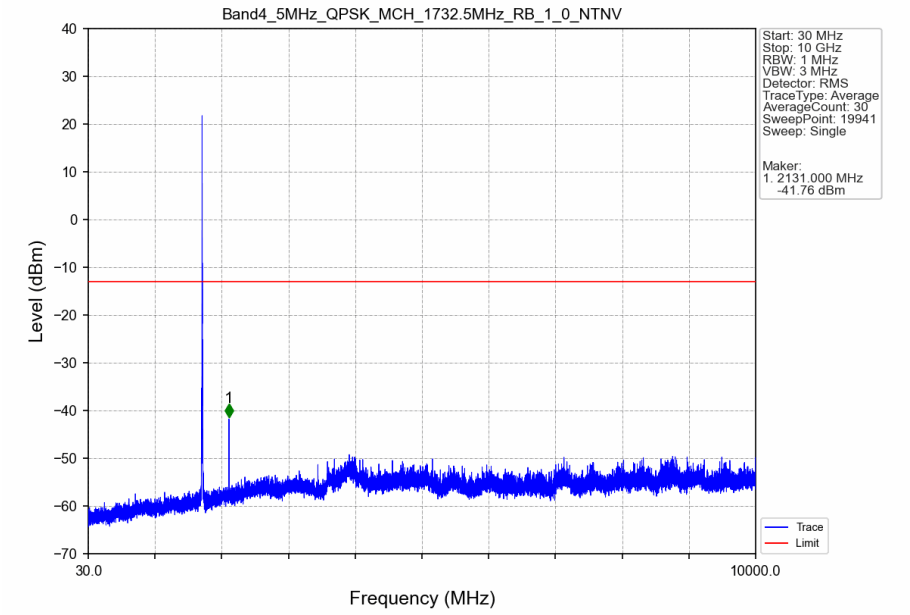
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

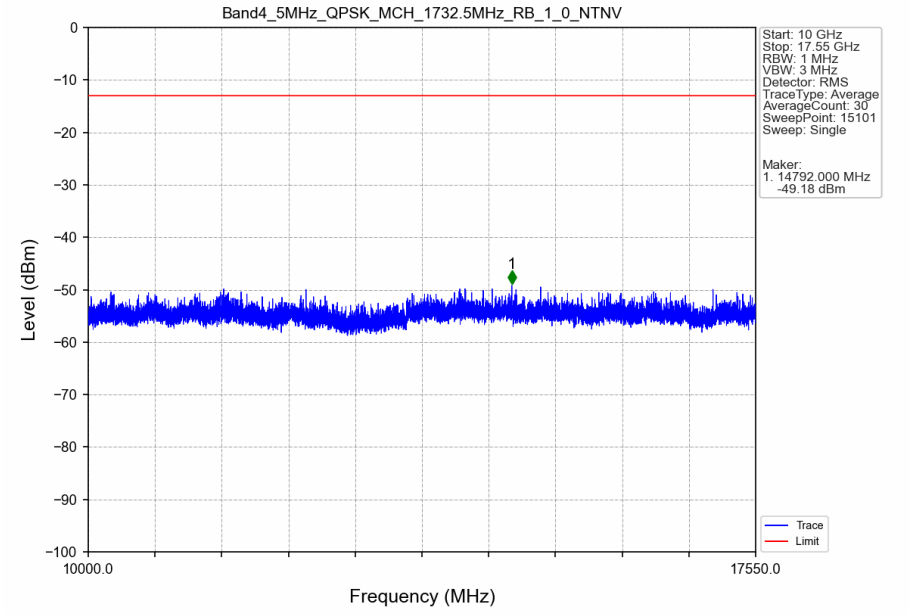


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

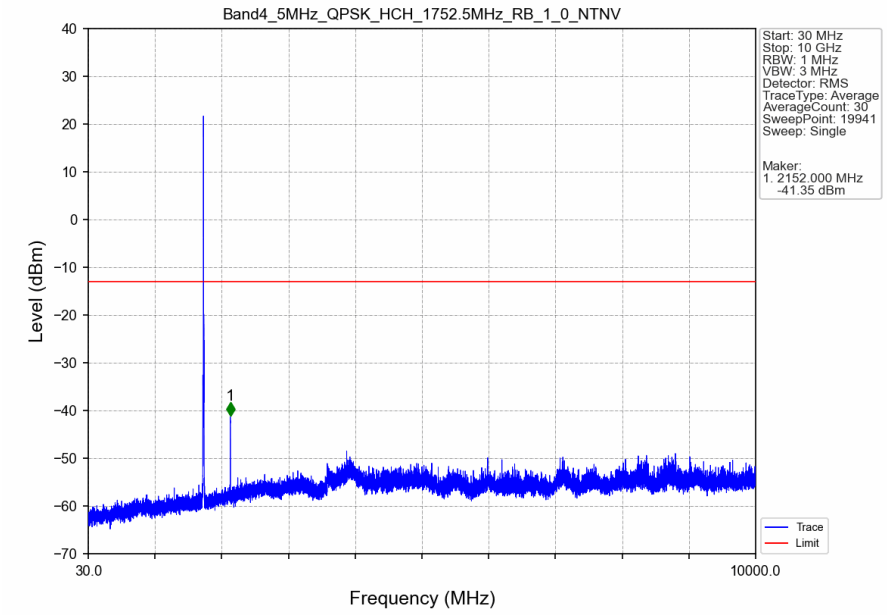


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-29.85	-13	Pass
1709	1710	0.054	CHP	2	1709.990	-29.85	-13	Pass
1710	1715	0.054	CHP	/	/	/	/	/

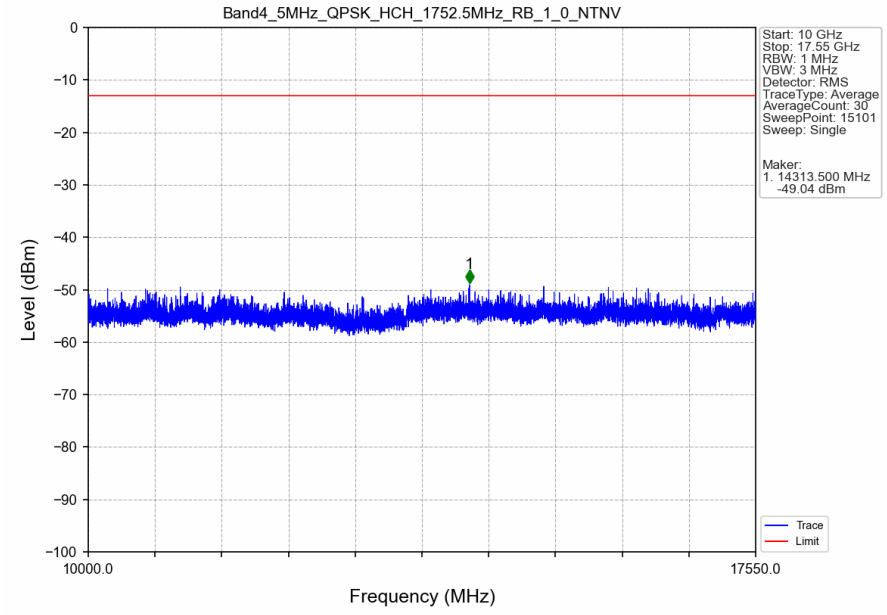
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


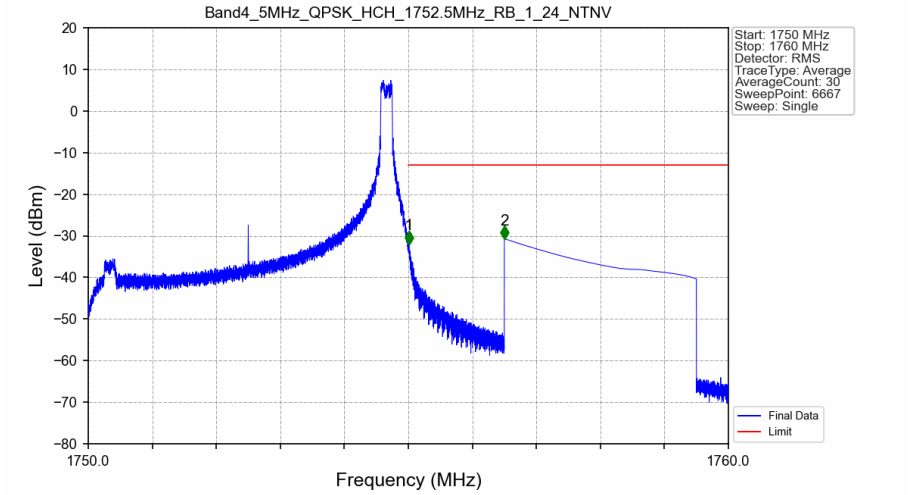
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

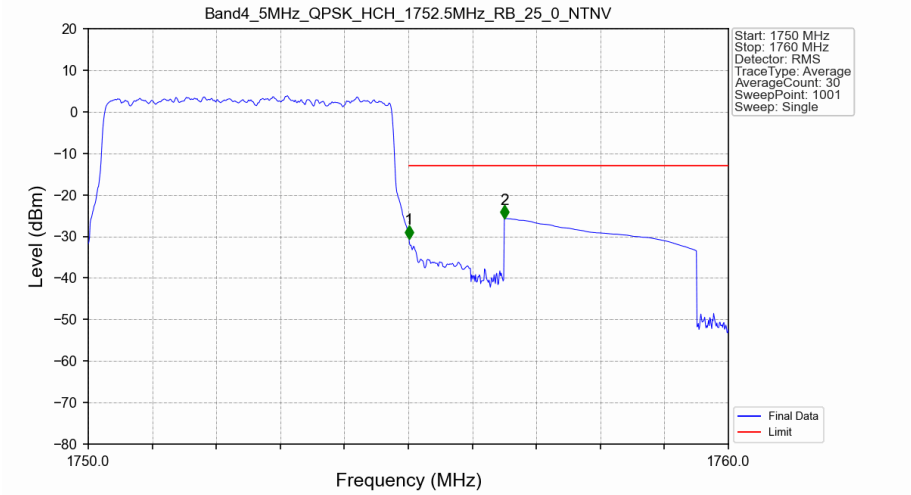


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



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	1755.009	-31.94	-13	Pass
1756	1760	1	CHP	2	1756.500	-30.68	-13	Pass

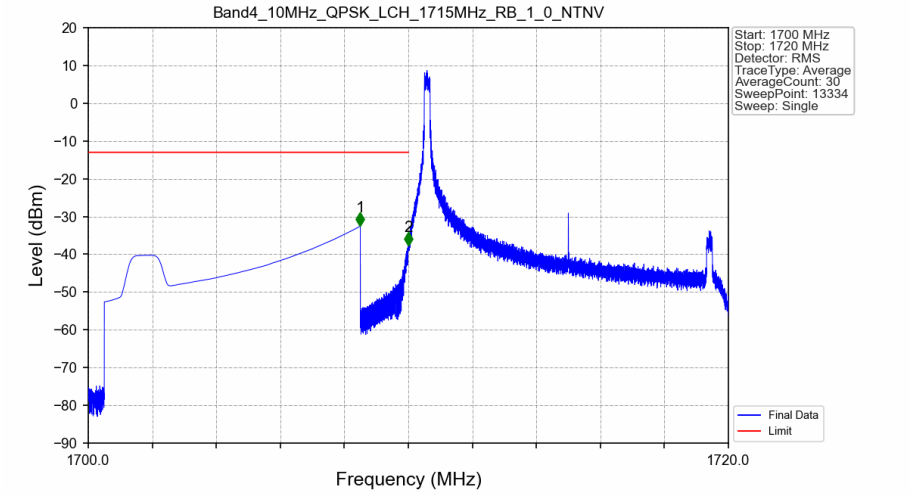
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.056	CHP	/	/	/	/	/
1755	1756	0.056	CHP	1	1755.010	-30.49	-13	Pass
1756	1760	1	CHP	2	1756.500	-25.67	-13	Pass

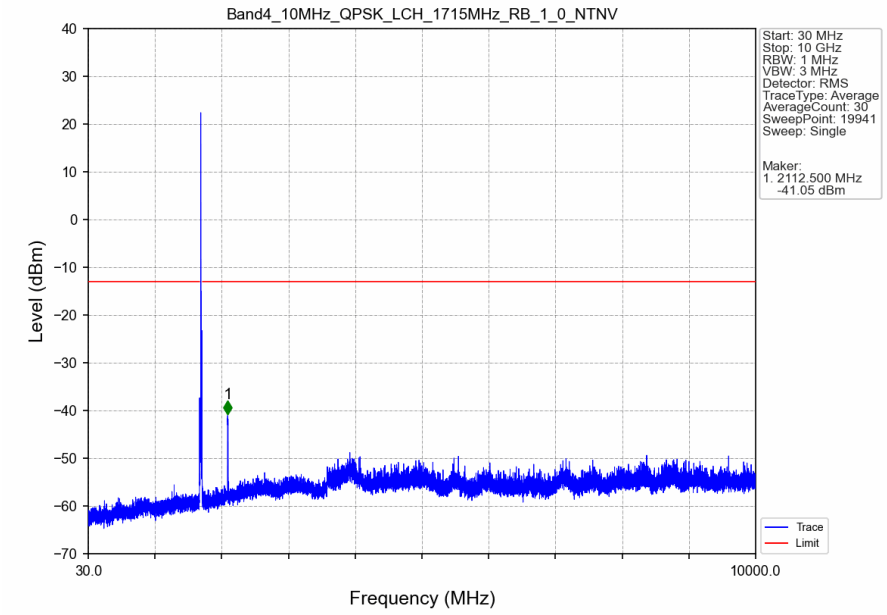
5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

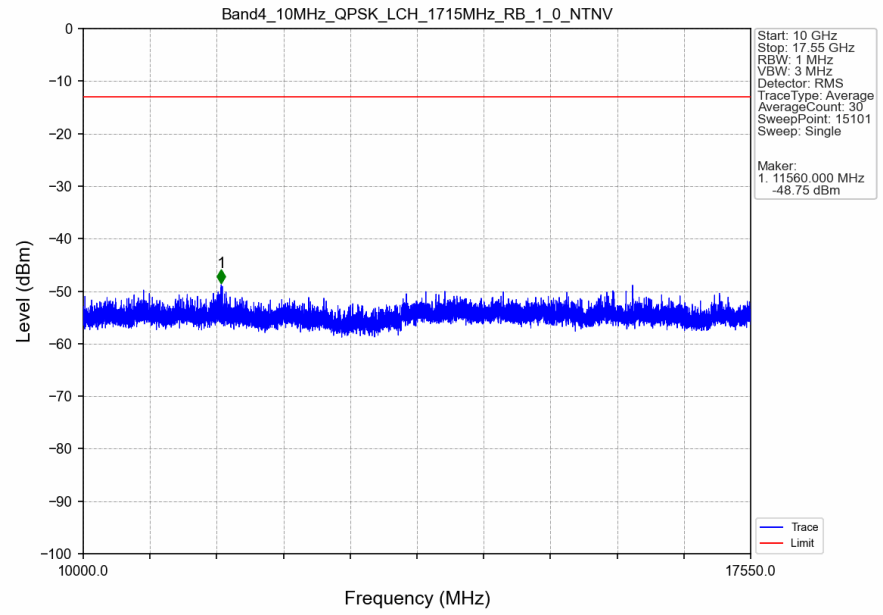


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.498	-32.52	-13	Pass
1709	1710	0.003	/	2	1709.996	-37.70	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

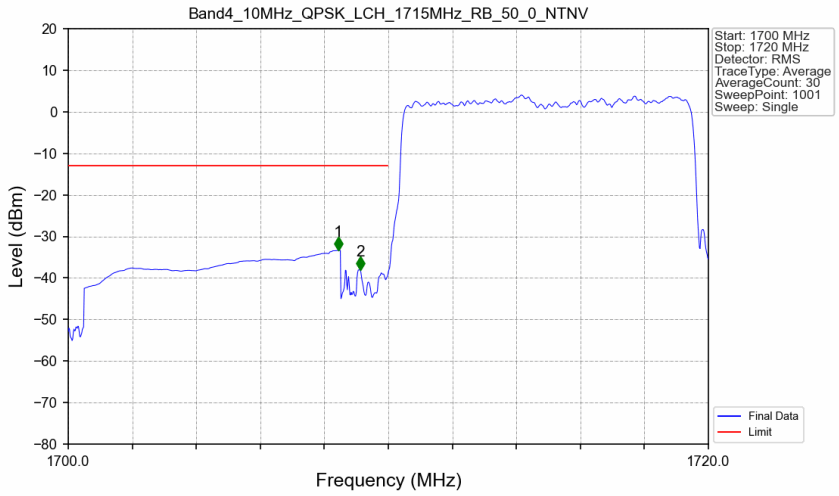
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



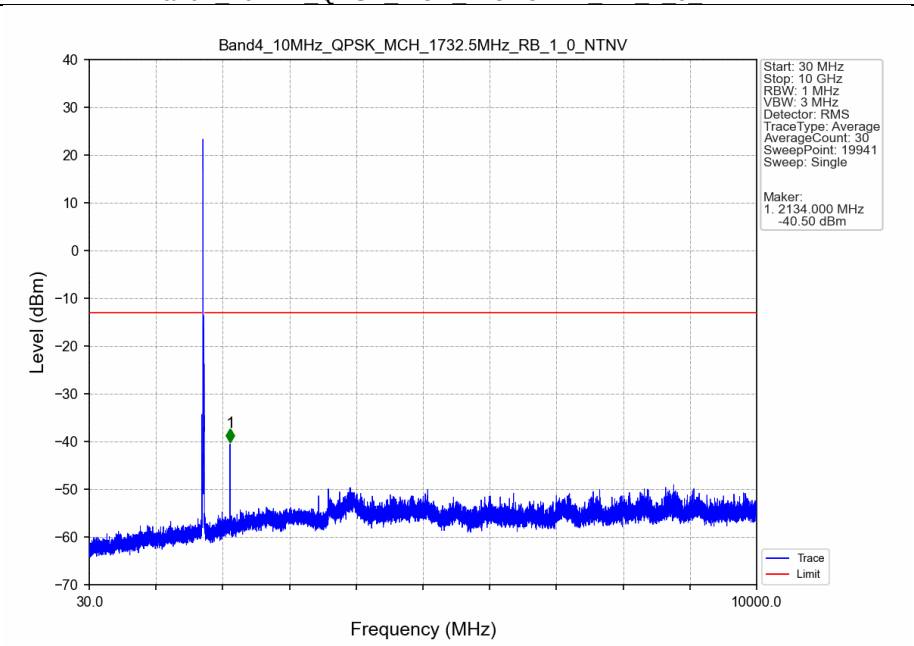
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

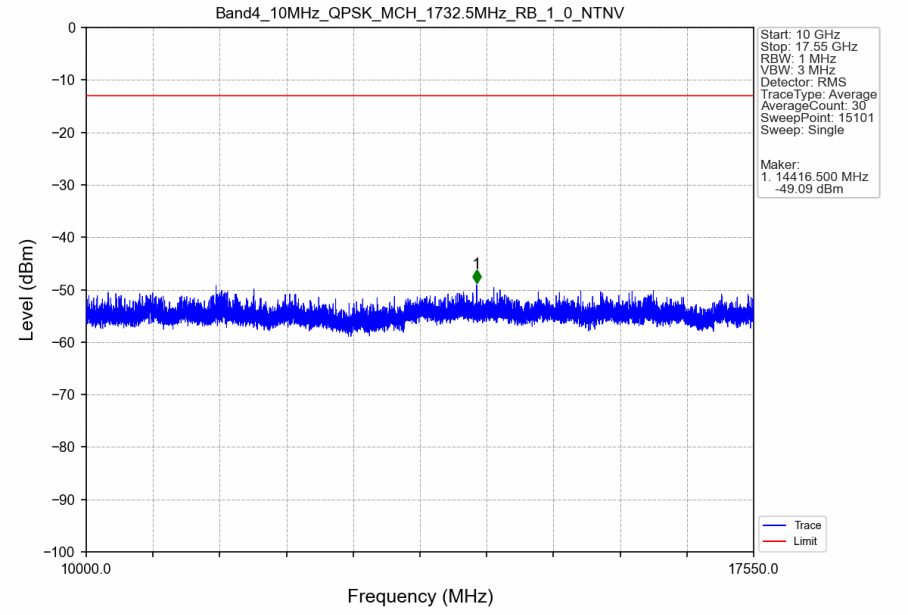


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

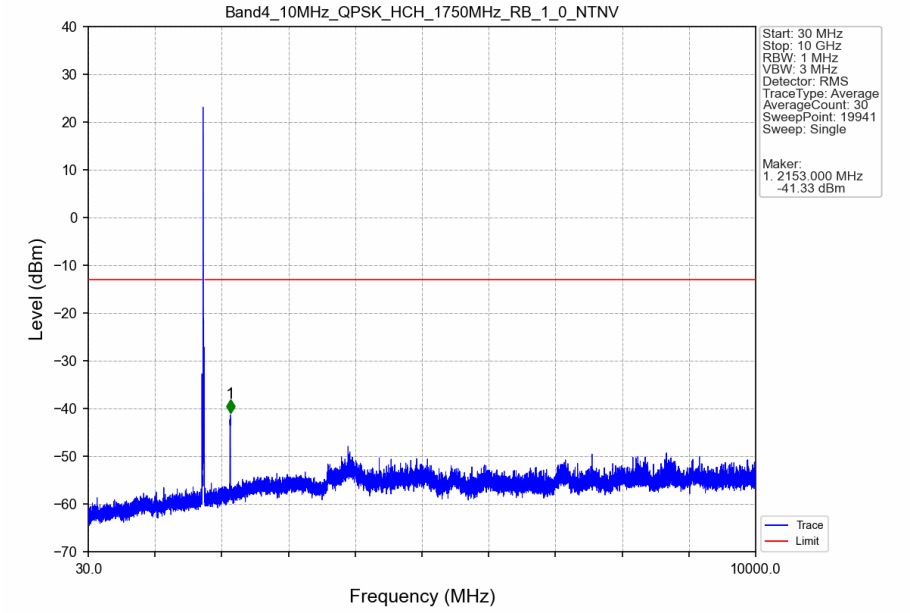


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.440	-33.36	-13	Pass
1709	1710	0.103	CHP	2	1709.120	-38.05	-13	Pass
1710	1720	0.103	CHP	/	/	/	/	/

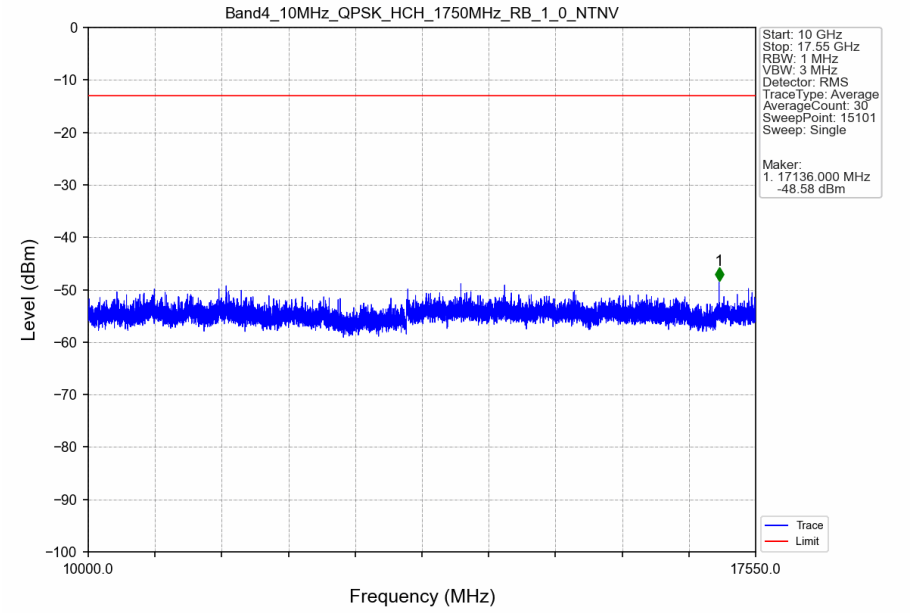
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


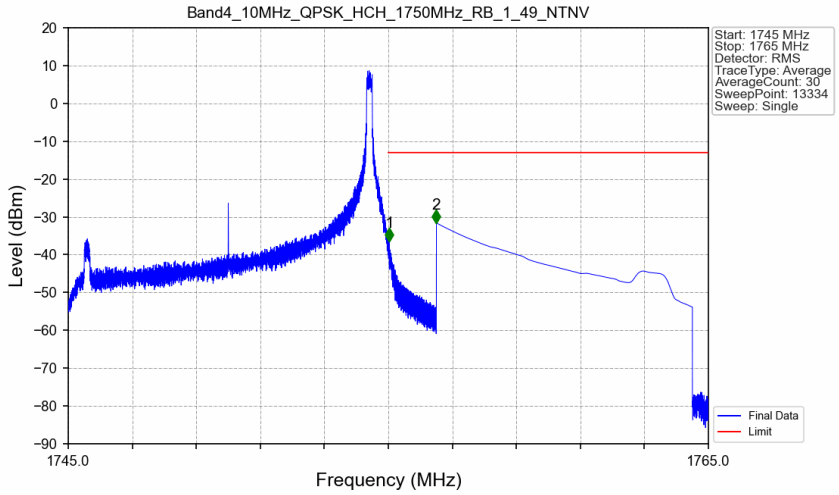
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

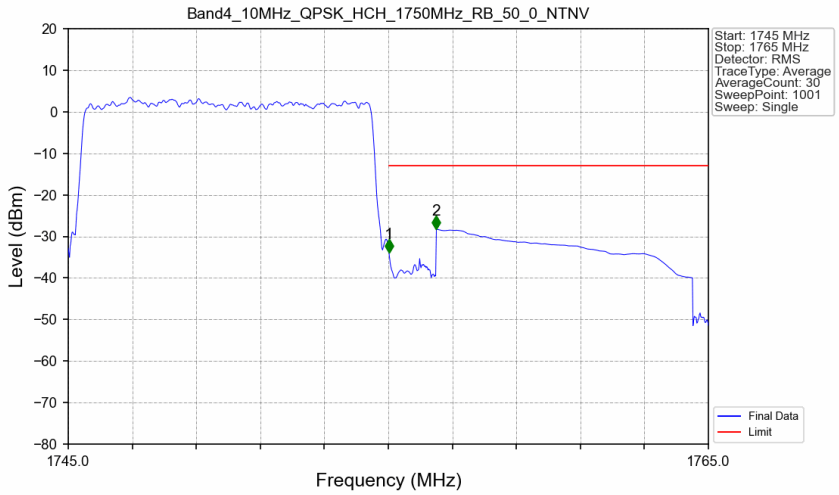


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



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	1755.026	-36.46	-13	Pass
1756	1765	1	CHP	2	1756.501	-31.59	-13	Pass

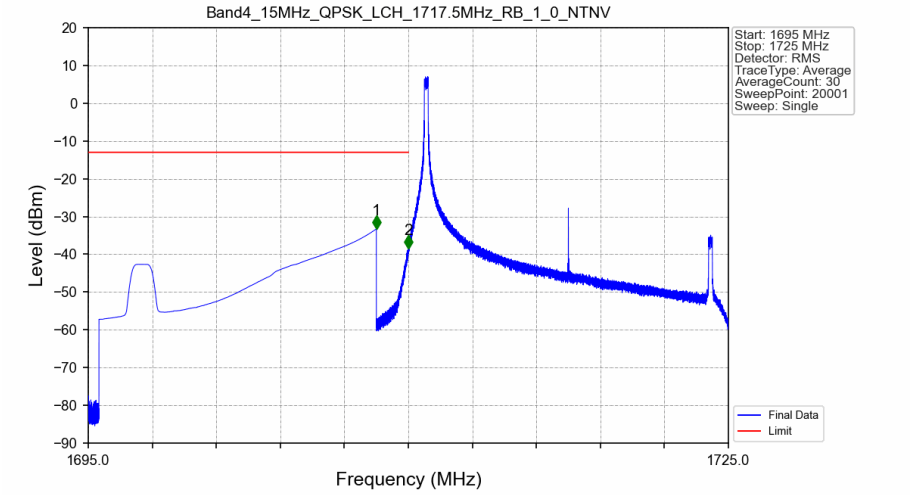
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



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	-33.93	-13	Pass
1756	1765	1	CHP	2	1756.500	-28.27	-13	Pass

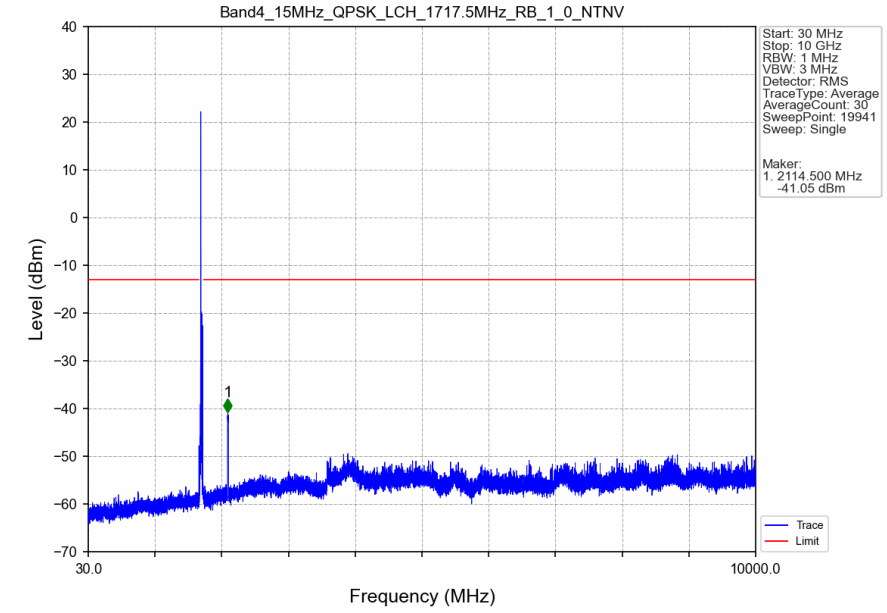
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

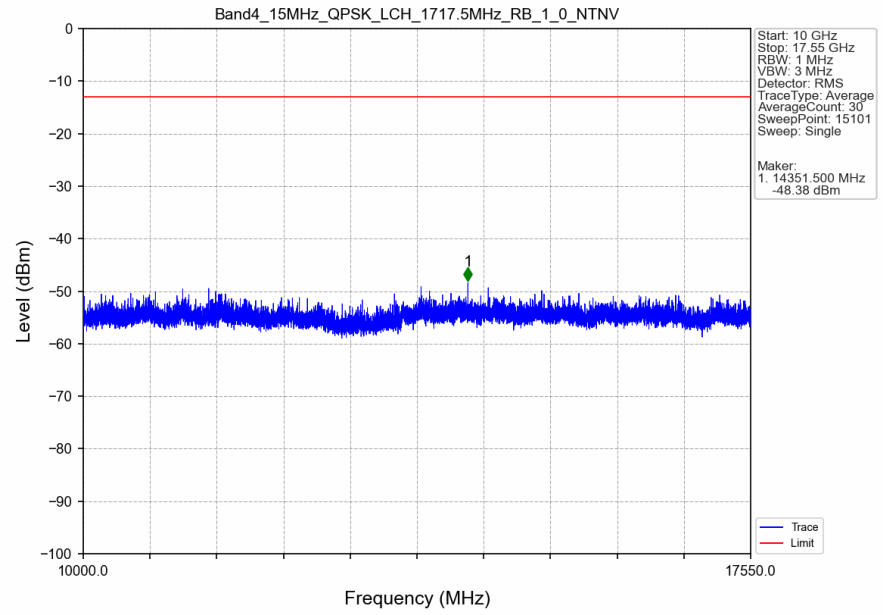


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-33.29	-13	Pass
1709	1710	0.003	/	2	1709.995	-38.46	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

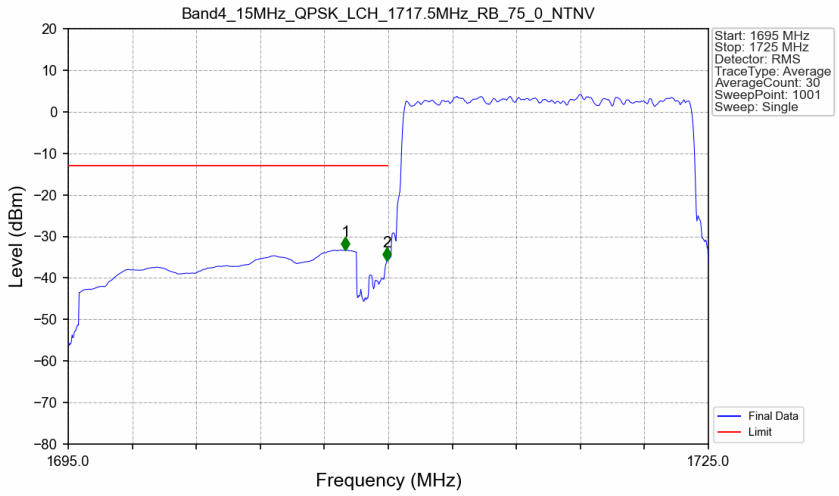
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

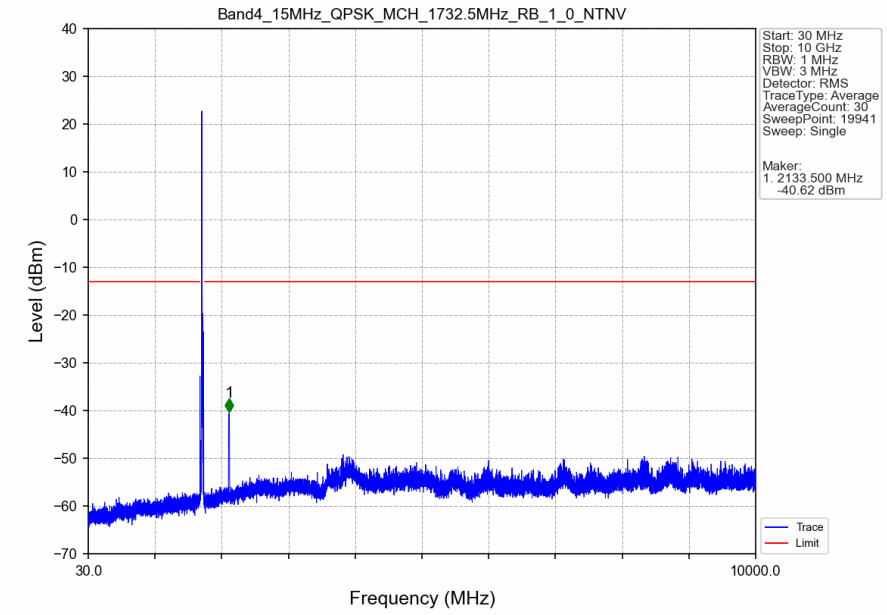


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

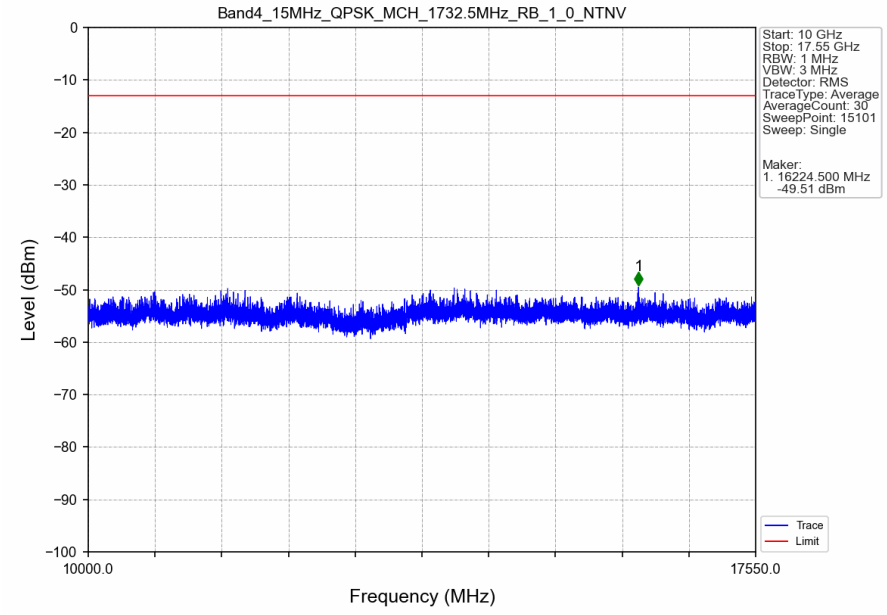


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.990	-33.29	-13	Pass
1709	1710	0.158	CHP	2	1709.940	-35.78	-13	Pass
1710	1725	0.158	CHP	/	/	/	/	/

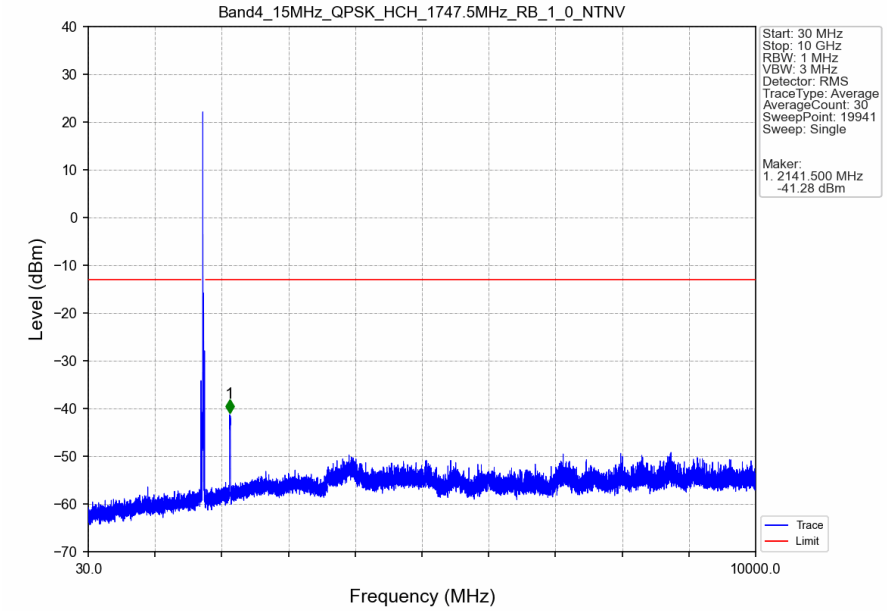
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



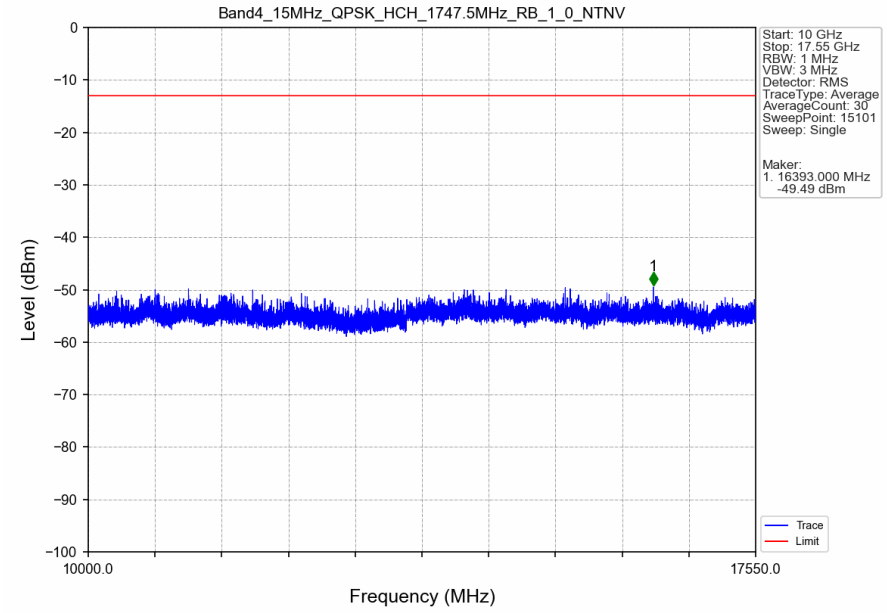
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



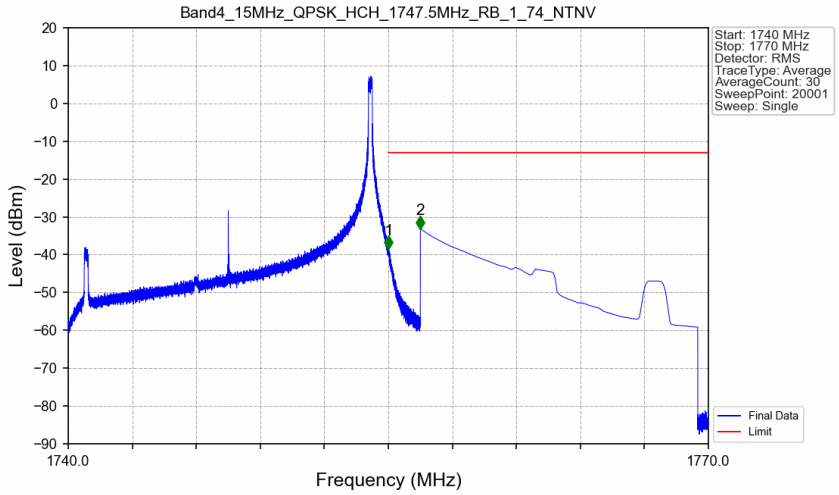
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

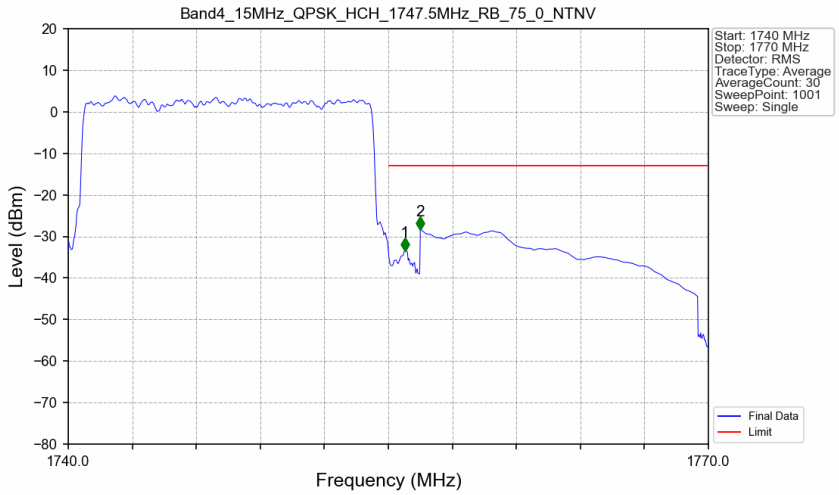


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



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	1755.016	-38.40	-13	Pass
1756	1770	1	CHP	2	1756.500	-33.14	-13	Pass

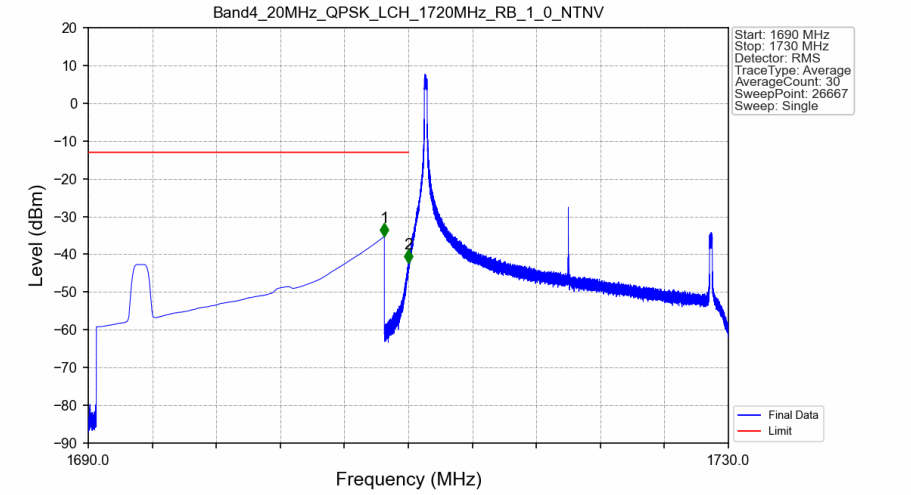
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.153	CHP	/	/	/	/	/
1755	1756	0.153	CHP	1	1755.780	-33.49	-13	Pass
1756	1770	1	CHP	2	1756.500	-28.38	-13	Pass

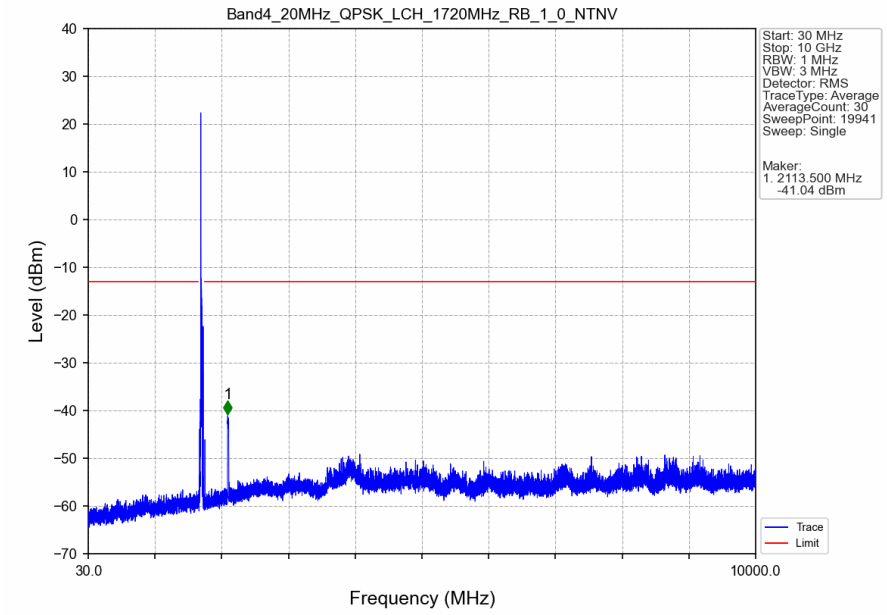
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

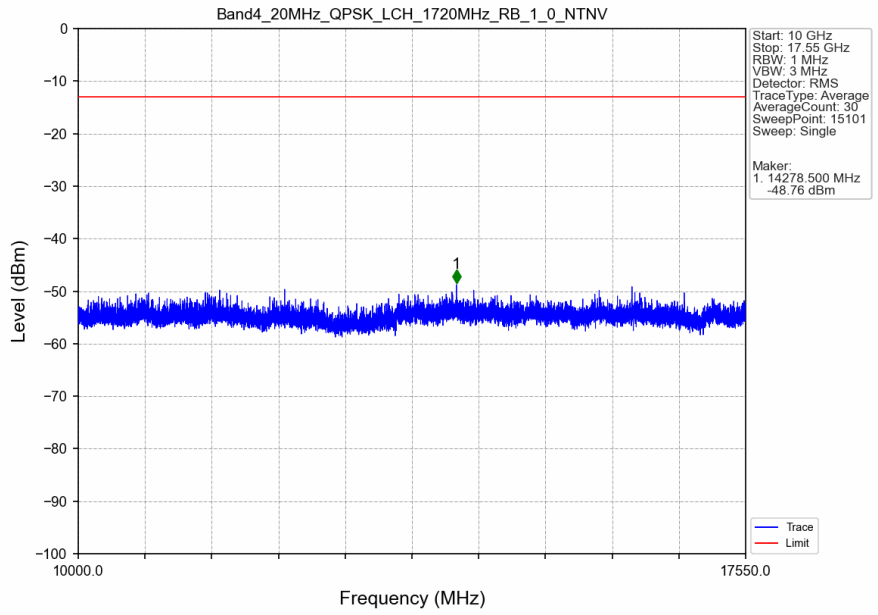


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-35.23	-13	Pass
1709	1710	0.003	/	2	1709.997	-42.35	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

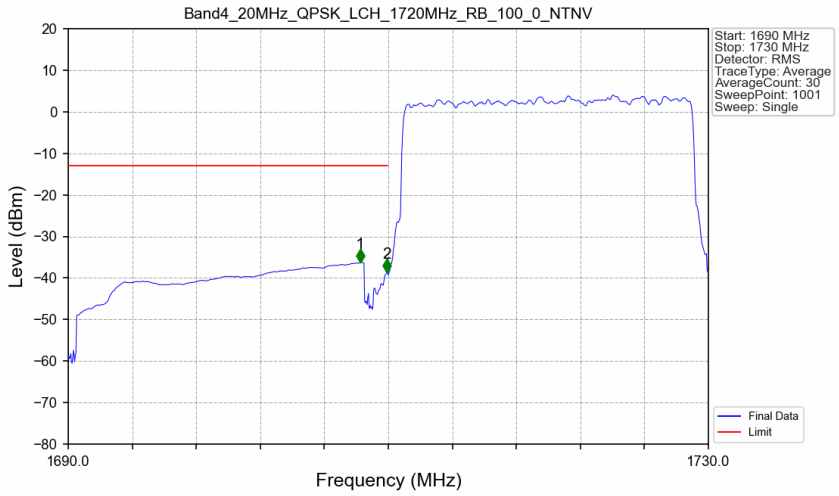
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

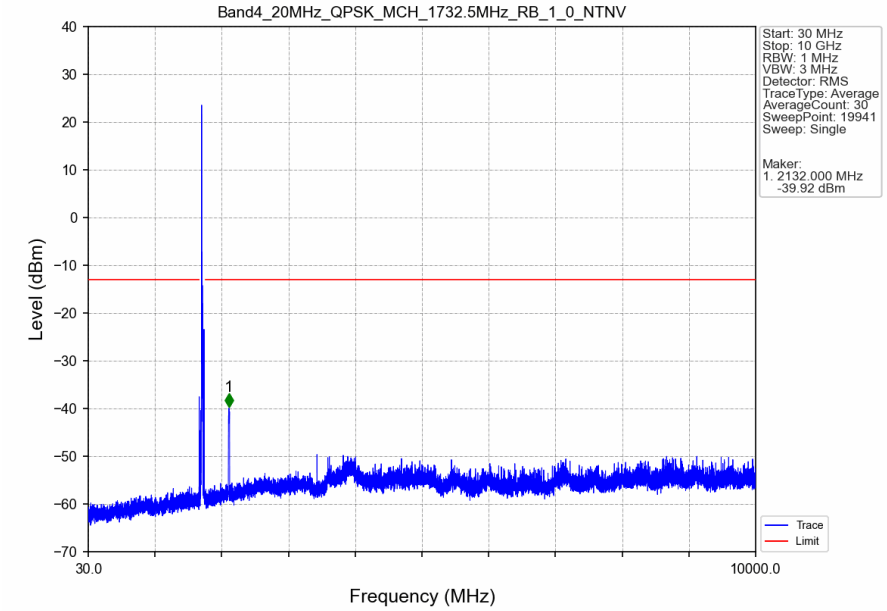


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.240	-36.29	-13	Pass
1709	1710	0.203	CHP	2	1709.920	-38.57	-13	Pass
1710	1730	0.203	CHP	/	/	/	/	/

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV