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	23.60	2.62	26.22	<=30	Pass
			2	23.48	2.62	26.10	<=30	Pass
			5	23.34	2.62	25.96	<=30	Pass
		3	0	23.49	2.62	26.11	<=30	Pass
			2	23.42	2.62	26.04	<=30	Pass
			3	23.38	2.62	26.00	<=30	Pass
		6	0	22.42	2.62	25.04	<=30	Pass
	1732.5	1	0	23.43	2.62	26.05	<=30	Pass
			2	23.68	2.62	26.30	<=30	Pass
			5	23.61	2.62	26.23	<=30	Pass
		3	0	23.78	2.62	26.40	<=30	Pass
			2	23.71	2.62	26.33	<=30	Pass
			3	23.74	2.62	26.36	<=30	Pass
		6	0	22.63	2.62	25.25	<=30	Pass
	1754.3	1	0	22.66	2.62	25.28	<=30	Pass
			2	22.73	2.62	25.35	<=30	Pass
			5	22.73	2.62	25.35	<=30	Pass
		3	0	22.85	2.62	25.47	<=30	Pass
			2	22.78	2.62	25.40	<=30	Pass
			3	22.80	2.62	25.42	<=30	Pass
		6	0	21.76	2.62	24.38	<=30	Pass
16QAM	1710.7	1	0	22.11	2.62	24.73	<=30	Pass
			2	22.01	2.62	24.63	<=30	Pass
			5	21.85	2.62	24.47	<=30	Pass
		3	0	22.32	2.62	24.94	<=30	Pass
			2	22.21	2.62	24.83	<=30	Pass
			3	22.14	2.62	24.76	<=30	Pass
		6	0	21.58	2.62	24.20	<=30	Pass
	1732.5	1	0	22.47	2.62	25.09	<=30	Pass
			2	22.75	2.62	25.37	<=30	Pass
			5	22.69	2.62	25.31	<=30	Pass
		3	0	22.58	2.62	25.20	<=30	Pass
			2	22.58	2.62	25.20	<=30	Pass
			3	22.55	2.62	25.17	<=30	Pass
		6	0	21.74	2.62	24.36	<=30	Pass
	1754.3	1	0	22.12	2.62	24.74	<=30	Pass
			2	22.01	2.62	24.63	<=30	Pass
			5	22.06	2.62	24.68	<=30	Pass
		3	0	21.65	2.62	24.27	<=30	Pass
			2	21.57	2.62	24.19	<=30	Pass
			3	21.59	2.62	24.21	<=30	Pass
		6	0	20.92	2.62	23.54	<=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	23.53	2.62	26.15	<=30	Pass
			7	23.12	2.62	25.74	<=30	Pass
			14	23.38	2.62	26.00	<=30	Pass
		8	0	22.37	2.62	24.99	<=30	Pass
			4	22.20	2.62	24.82	<=30	Pass
			7	22.53	2.62	25.15	<=30	Pass
		15	0	22.28	2.62	24.90	<=30	Pass
	1732.5	1	0	23.56	2.62	26.18	<=30	Pass
			7	23.68	2.62	26.30	<=30	Pass
			14	23.50	2.62	26.12	<=30	Pass
		8	0	22.53	2.62	25.15	<=30	Pass
			4	22.68	2.62	25.30	<=30	Pass
			7	22.63	2.62	25.25	<=30	Pass
		15	0	22.71	2.62	25.33	<=30	Pass
	1753.5	1	0	23.10	2.62	25.72	<=30	Pass
			7	23.05	2.62	25.67	<=30	Pass
			14	22.97	2.62	25.59	<=30	Pass
		8	0	21.87	2.62	24.49	<=30	Pass
			4	21.85	2.62	24.47	<=30	Pass
			7	21.78	2.62	24.40	<=30	Pass
		15	0	21.74	2.62	24.36	<=30	Pass
16QAM	1711.5	1	0	22.75	2.62	25.37	<=30	Pass
			7	22.36	2.62	24.98	<=30	Pass
			14	22.47	2.62	25.09	<=30	Pass
		8	0	21.73	2.62	24.35	<=30	Pass
			4	21.61	2.62	24.23	<=30	Pass
			7	21.82	2.62	24.44	<=30	Pass
		15	0	21.42	2.62	24.04	<=30	Pass
	1732.5	1	0	23.27	2.62	25.89	<=30	Pass
			7	23.49	2.62	26.11	<=30	Pass
			14	23.31	2.62	25.93	<=30	Pass
		8	0	21.75	2.62	24.37	<=30	Pass
			4	21.86	2.62	24.48	<=30	Pass
			7	21.82	2.62	24.44	<=30	Pass
		15	0	21.78	2.62	24.40	<=30	Pass
	1753.5	1	0	22.01	2.62	24.63	<=30	Pass
			7	21.89	2.62	24.51	<=30	Pass
			14	21.84	2.62	24.46	<=30	Pass
		8	0	21.07	2.62	23.69	<=30	Pass
			4	21.05	2.62	23.67	<=30	Pass
			7	20.97	2.62	23.59	<=30	Pass
		15	0	20.86	2.62	23.48	<=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	23.51	2.62	26.13	<=30	Pass
			13	23.42	2.62	26.04	<=30	Pass
			24	23.27	2.62	25.89	<=30	Pass
		12	0	22.35	2.62	24.97	<=30	Pass
			6	22.48	2.62	25.10	<=30	Pass
			13	22.09	2.62	24.71	<=30	Pass
		25	0	22.47	2.62	25.09	<=30	Pass
	1732.5	1	0	23.72	2.62	26.34	<=30	Pass
			13	23.66	2.62	26.28	<=30	Pass
			24	23.71	2.62	26.33	<=30	Pass
		12	0	22.63	2.62	25.25	<=30	Pass
			6	22.76	2.62	25.38	<=30	Pass
			13	22.60	2.62	25.22	<=30	Pass
		25	0	22.78	2.62	25.40	<=30	Pass
	1752.5	1	0	22.67	2.62	25.29	<=30	Pass
			13	22.57	2.62	25.19	<=30	Pass
			24	22.62	2.62	25.24	<=30	Pass
		12	0	21.94	2.62	24.56	<=30	Pass
			6	21.77	2.62	24.39	<=30	Pass
			13	21.88	2.62	24.50	<=30	Pass
		25	0	21.84	2.62	24.46	<=30	Pass
16QAM	1712.5	1	0	21.94	2.62	24.56	<=30	Pass
			13	21.63	2.62	24.25	<=30	Pass
			24	21.65	2.62	24.27	<=30	Pass
		12	0	21.41	2.62	24.03	<=30	Pass
			6	21.55	2.62	24.17	<=30	Pass
			13	21.16	2.62	23.78	<=30	Pass
		25	0	21.61	2.62	24.23	<=30	Pass
	1732.5	1	0	22.71	2.62	25.33	<=30	Pass
			13	22.81	2.62	25.43	<=30	Pass
			24	22.75	2.62	25.37	<=30	Pass
		12	0	21.70	2.62	24.32	<=30	Pass
			6	21.78	2.62	24.40	<=30	Pass
			13	21.65	2.62	24.27	<=30	Pass
		25	0	21.74	2.62	24.36	<=30	Pass
	1752.5	1	0	22.02	2.62	24.64	<=30	Pass
			13	21.90	2.62	24.52	<=30	Pass
			24	21.84	2.62	24.46	<=30	Pass
		12	0	20.91	2.62	23.53	<=30	Pass
			6	20.84	2.62	23.46	<=30	Pass
			13	20.84	2.62	23.46	<=30	Pass
		25	0	20.97	2.62	23.59	<=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	23.45	2.62	26.07	<=30	Pass
			25	23.13	2.62	25.75	<=30	Pass
			49	23.19	2.62	25.81	<=30	Pass
		25	0	22.36	2.62	24.98	<=30	Pass
			13	22.37	2.62	24.99	<=30	Pass
			25	22.30	2.62	24.92	<=30	Pass
		50	0	22.33	2.62	24.95	<=30	Pass
	1732.5	1	0	23.49	2.62	26.11	<=30	Pass
			25	23.76	2.62	26.38	<=30	Pass
			49	23.67	2.62	26.29	<=30	Pass
		25	0	22.73	2.62	25.35	<=30	Pass
			13	22.71	2.62	25.33	<=30	Pass
			25	22.72	2.62	25.34	<=30	Pass
		50	0	22.82	2.62	25.44	<=30	Pass
	1750	1	0	23.38	2.62	26.00	<=30	Pass
			25	23.02	2.62	25.64	<=30	Pass
			49	22.91	2.62	25.53	<=30	Pass
		25	0	22.11	2.62	24.73	<=30	Pass
			13	21.93	2.62	24.55	<=30	Pass
			25	21.90	2.62	24.52	<=30	Pass
		50	0	22.01	2.62	24.63	<=30	Pass
16QAM	1715	1	0	22.66	2.62	25.28	<=30	Pass
			25	22.44	2.62	25.06	<=30	Pass
			49	22.45	2.62	25.07	<=30	Pass
		25	0	21.40	2.62	24.02	<=30	Pass
			13	21.45	2.62	24.07	<=30	Pass
			25	21.28	2.62	23.90	<=30	Pass
		50	0	21.47	2.62	24.09	<=30	Pass
	1732.5	1	0	22.58	2.62	25.20	<=30	Pass
			25	22.88	2.62	25.50	<=30	Pass
			49	22.80	2.62	25.42	<=30	Pass
		25	0	21.99	2.62	24.61	<=30	Pass
			13	21.88	2.62	24.50	<=30	Pass
			25	21.83	2.62	24.45	<=30	Pass
		50	0	21.91	2.62	24.53	<=30	Pass
	1750	1	0	21.87	2.62	24.49	<=30	Pass
			25	21.69	2.62	24.31	<=30	Pass
			49	21.78	2.62	24.40	<=30	Pass
		25	0	21.20	2.62	23.82	<=30	Pass
			13	21.04	2.62	23.66	<=30	Pass
			25	21.00	2.62	23.62	<=30	Pass
		50	0	20.98	2.62	23.60	<=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	23.47	2.62	26.09	<=30	Pass
			38	23.31	2.62	25.93	<=30	Pass
			74	23.59	2.62	26.21	<=30	Pass
		36	0	22.66	2.62	25.28	<=30	Pass
			18	22.39	2.62	25.01	<=30	Pass
			39	22.35	2.62	24.97	<=30	Pass
		75	0	22.19	2.62	24.81	<=30	Pass
	1732.5	1	0	23.45	2.62	26.07	<=30	Pass
			38	23.77	2.62	26.39	<=30	Pass
			74	23.48	2.62	26.10	<=30	Pass
		36	0	22.58	2.62	25.20	<=30	Pass
			18	22.83	2.62	25.45	<=30	Pass
			39	22.70	2.62	25.32	<=30	Pass
		75	0	22.83	2.62	25.45	<=30	Pass
	1747.5	1	0	23.56	2.62	26.18	<=30	Pass
			38	23.16	2.62	25.78	<=30	Pass
			74	22.84	2.62	25.46	<=30	Pass
		36	0	22.33	2.62	24.95	<=30	Pass
			18	22.14	2.62	24.76	<=30	Pass
			39	21.86	2.62	24.48	<=30	Pass
		75	0	22.19	2.62	24.81	<=30	Pass
16QAM	1717.5	1	0	22.85	2.62	25.47	<=30	Pass
			38	22.60	2.62	25.22	<=30	Pass
			74	23.04	2.62	25.66	<=30	Pass
		36	0	21.78	2.62	24.40	<=30	Pass
			18	21.29	2.62	23.91	<=30	Pass
			39	21.64	2.62	24.26	<=30	Pass
		75	0	21.10	2.62	23.72	<=30	Pass
	1732.5	1	0	22.51	2.62	25.13	<=30	Pass
			38	22.90	2.62	25.52	<=30	Pass
			74	22.66	2.62	25.28	<=30	Pass
		36	0	21.72	2.62	24.34	<=30	Pass
			18	21.95	2.62	24.57	<=30	Pass
			39	21.93	2.62	24.55	<=30	Pass
		75	0	21.84	2.62	24.46	<=30	Pass
	1747.5	1	0	22.80	2.62	25.42	<=30	Pass
			38	22.45	2.62	25.07	<=30	Pass
			74	22.12	2.62	24.74	<=30	Pass
		36	0	21.43	2.62	24.05	<=30	Pass
			18	21.20	2.62	23.82	<=30	Pass
			39	21.04	2.62	23.66	<=30	Pass
		75	0	21.14	2.62	23.76	<=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	23.40	2.62	26.02	<=30	Pass
			50	23.12	2.62	25.74	<=30	Pass
			99	23.56	2.62	26.18	<=30	Pass
		50	0	22.19	2.62	24.81	<=30	Pass
			25	22.11	2.62	24.73	<=30	Pass
			50	22.57	2.62	25.19	<=30	Pass
		100	0	22.01	2.62	24.63	<=30	Pass
	1732.5	1	0	23.30	2.62	25.92	<=30	Pass
			50	23.66	2.62	26.28	<=30	Pass
			99	23.31	2.62	25.93	<=30	Pass
		50	0	22.41	2.62	25.03	<=30	Pass
			25	22.75	2.62	25.37	<=30	Pass
			50	22.54	2.62	25.16	<=30	Pass
		100	0	22.75	2.62	25.37	<=30	Pass
	1745	1	0	23.58	2.62	26.20	<=30	Pass
			50	23.36	2.62	25.98	<=30	Pass
			99	22.89	2.62	25.51	<=30	Pass
		50	0	22.50	2.62	25.12	<=30	Pass
			25	22.37	2.62	24.99	<=30	Pass
			50	22.04	2.62	24.66	<=30	Pass
		100	0	22.45	2.62	25.07	<=30	Pass
16QAM	1720	1	0	22.42	2.62	25.04	<=30	Pass
			50	22.23	2.62	24.85	<=30	Pass
			99	22.63	2.62	25.25	<=30	Pass
		50	0	21.38	2.62	24.00	<=30	Pass
			25	21.16	2.62	23.78	<=30	Pass
			50	21.79	2.62	24.41	<=30	Pass
		100	0	20.98	2.62	23.60	<=30	Pass
	1732.5	1	0	22.60	2.62	25.22	<=30	Pass
			50	23.00	2.62	25.62	<=30	Pass
			99	22.64	2.62	25.26	<=30	Pass
		50	0	21.64	2.62	24.26	<=30	Pass
			25	21.89	2.62	24.51	<=30	Pass
			50	21.80	2.62	24.42	<=30	Pass
		100	0	21.81	2.62	24.43	<=30	Pass
	1745	1	0	23.08	2.62	25.70	<=30	Pass
			50	22.83	2.62	25.45	<=30	Pass
			99	22.32	2.62	24.94	<=30	Pass
		50	0	21.48	2.62	24.10	<=30	Pass
			25	21.43	2.62	24.05	<=30	Pass
			50	21.05	2.62	23.67	<=30	Pass
		100	0	21.51	2.62	24.13	<=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	-15.020	-0.0087	-2.5 to 2.5	Pass
					NV	-17.867	-0.0103	-2.5 to 2.5	Pass
					HV	-21.014	-0.0121	-2.5 to 2.5	Pass
				-30	NV	-22.359	-0.0129	-2.5 to 2.5	Pass
				-20	NV	-22.073	-0.0127	-2.5 to 2.5	Pass
				-10	NV	-23.918	-0.0138	-2.5 to 2.5	Pass
				0	NV	-22.001	-0.0127	-2.5 to 2.5	Pass
				10	NV	-22.488	-0.0130	-2.5 to 2.5	Pass
				30	NV	-22.688	-0.0131	-2.5 to 2.5	Pass
				40	NV	-22.573	-0.0130	-2.5 to 2.5	Pass
				50	NV	-21.429	-0.0124	-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	1.119	/	Pass
	16QAM	1732.5	6	0	1.111	/	Pass
3	QPSK	1732.5	15	0	2.764	/	Pass
	16QAM	1732.5	15	0	2.763	/	Pass
5	QPSK	1732.5	25	0	4.592	/	Pass
	16QAM	1732.5	25	0	4.575	/	Pass
10	QPSK	1732.5	50	0	9.101	/	Pass
	16QAM	1732.5	50	0	9.076	/	Pass
15	QPSK	1732.5	75	0	13.604	/	Pass
	16QAM	1732.5	75	0	13.596	/	Pass
20	QPSK	1732.5	100	0	18.142	/	Pass
	16QAM	1732.5	100	0	18.245	/	Pass

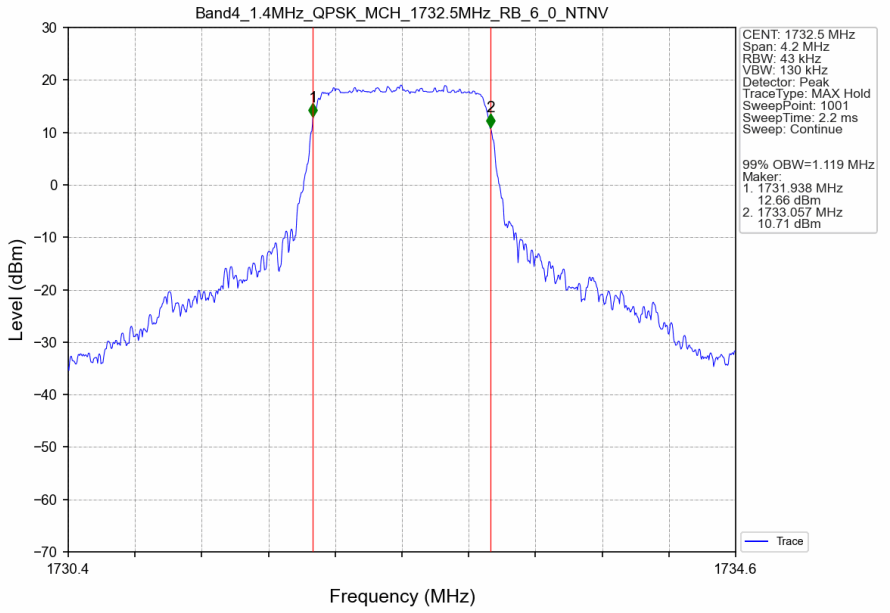
3.1.2 Band4_XDB

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	1.339	/	Pass
	16QAM	1732.5	6	0	1.283	/	Pass
3	QPSK	1732.5	15	0	3.177	/	Pass
	16QAM	1732.5	15	0	3.138	/	Pass
5	QPSK	1732.5	25	0	5.640	/	Pass
	16QAM	1732.5	25	0	5.445	/	Pass
10	QPSK	1732.5	50	0	10.772	/	Pass
	16QAM	1732.5	50	0	10.145	/	Pass
15	QPSK	1732.5	75	0	15.409	/	Pass
	16QAM	1732.5	75	0	15.637	/	Pass
20	QPSK	1732.5	100	0	20.259	/	Pass
	16QAM	1732.5	100	0	20.531	/	Pass

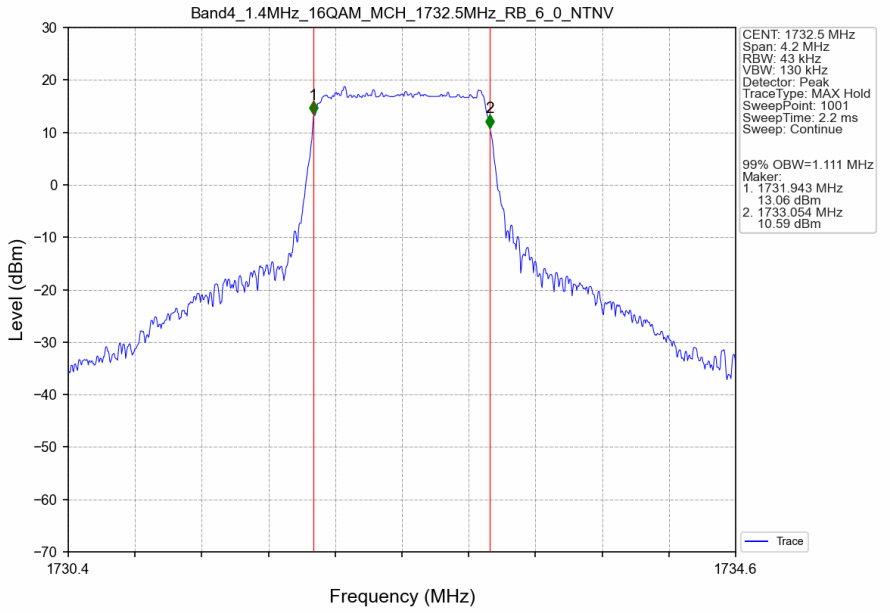
3.2 Test Graph

3.2.1 Band4_OBW

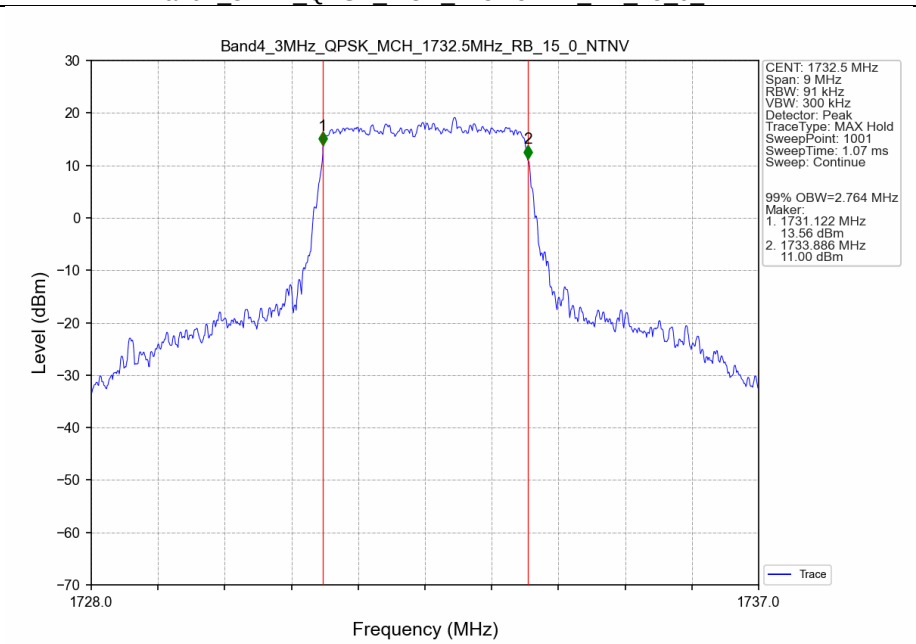
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



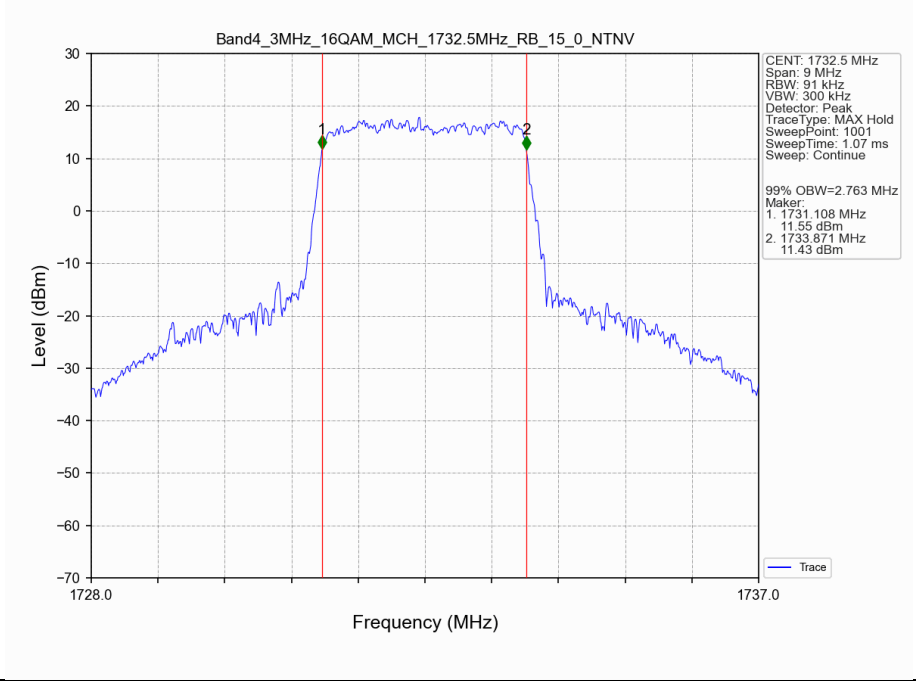
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



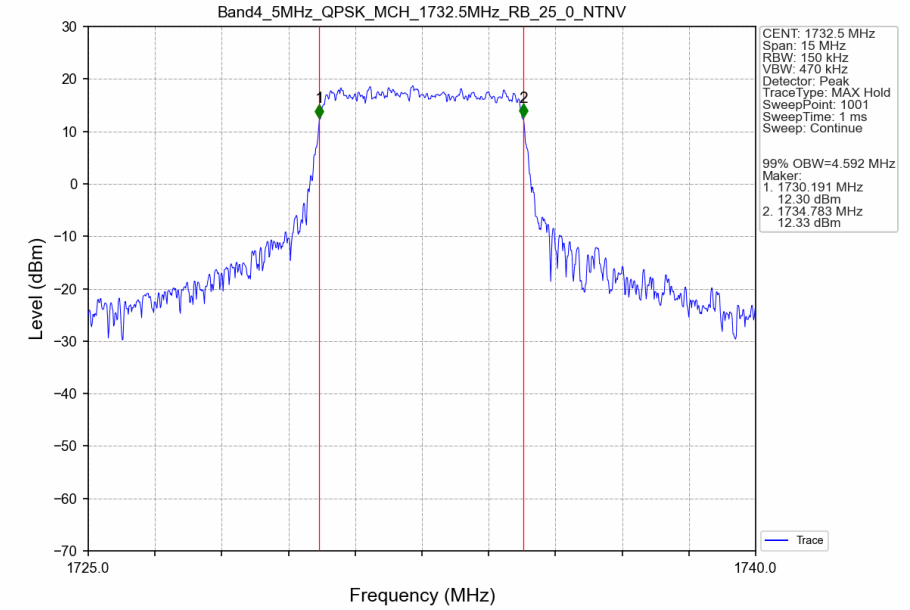
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



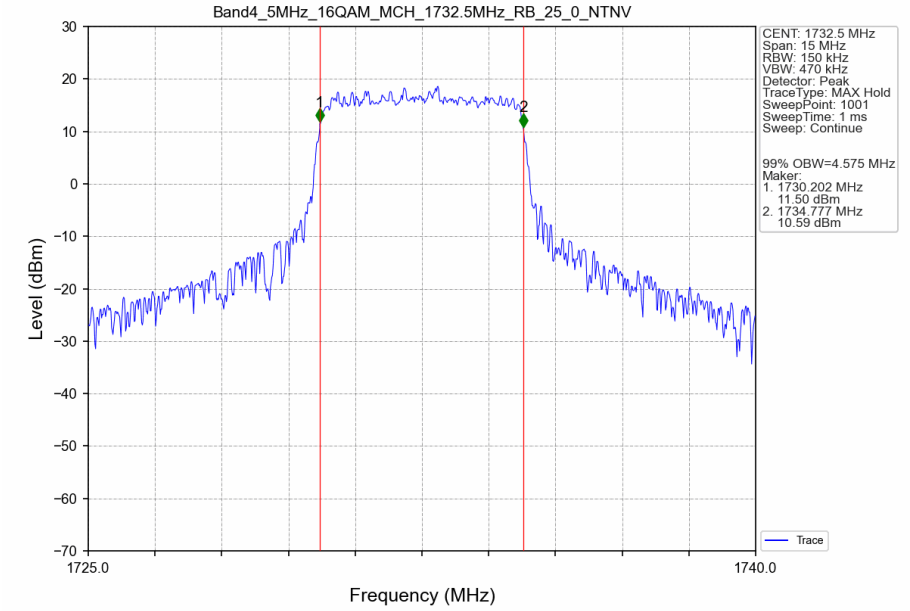
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



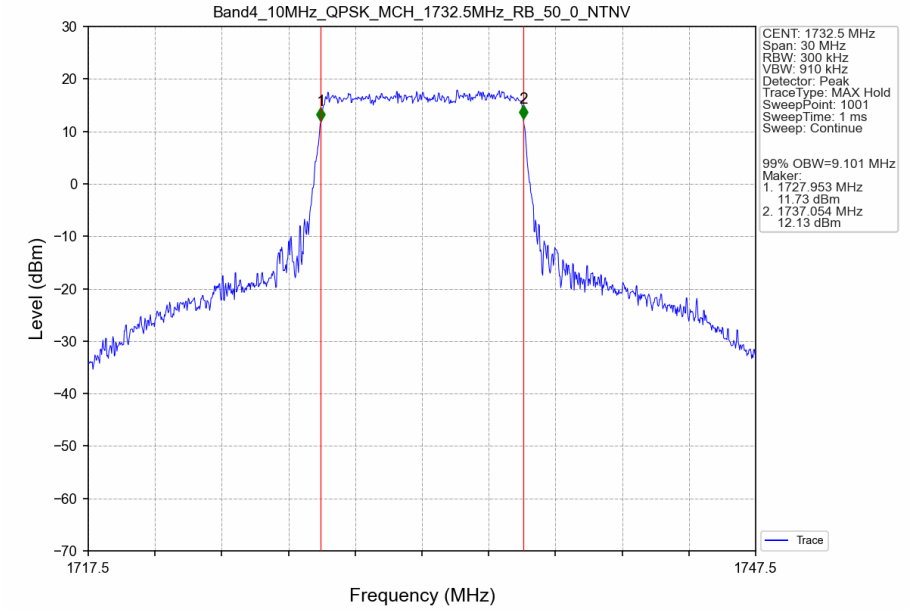
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



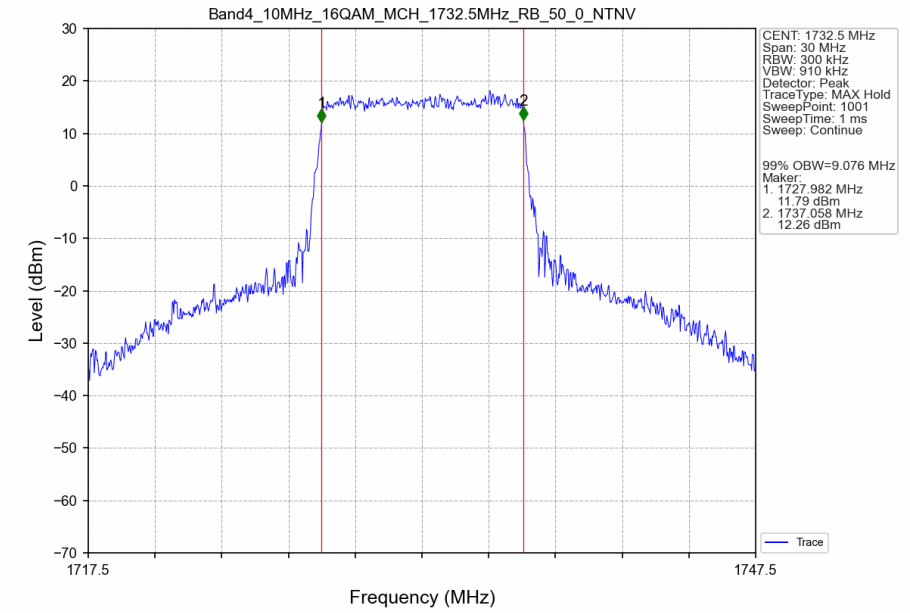
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



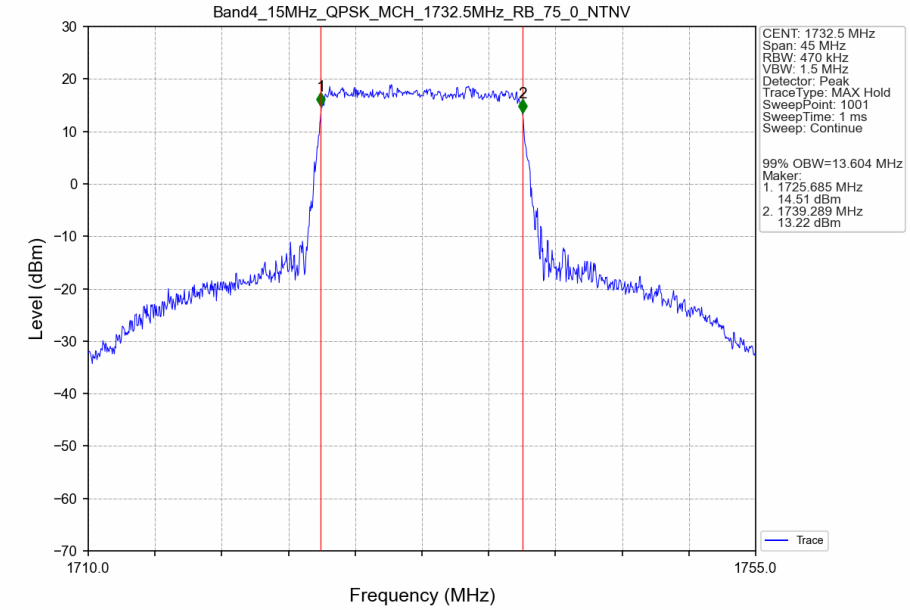
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



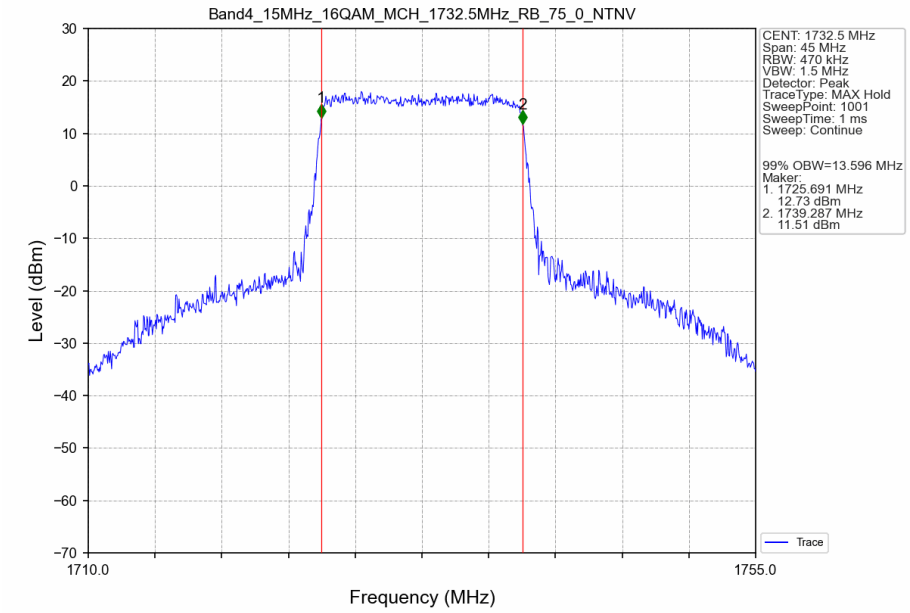
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



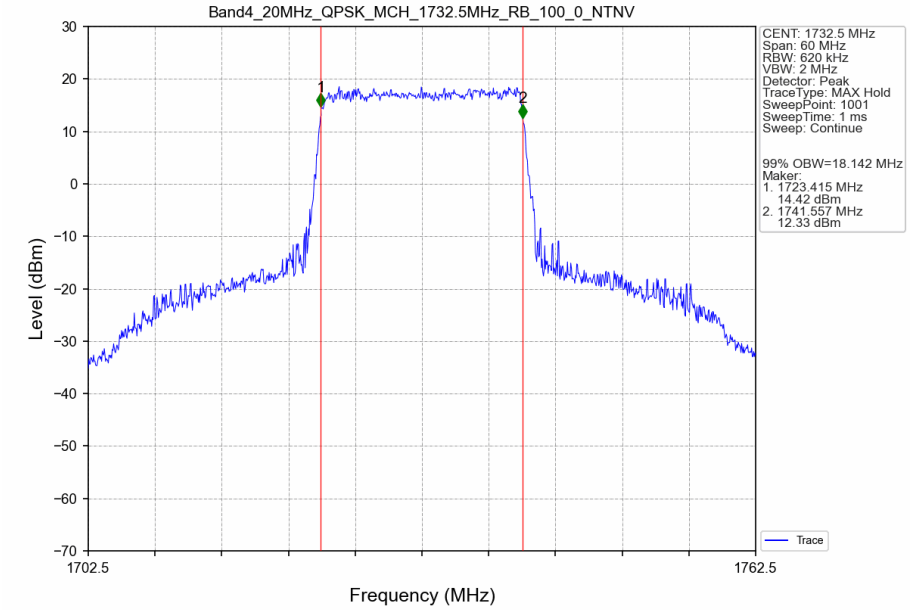
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



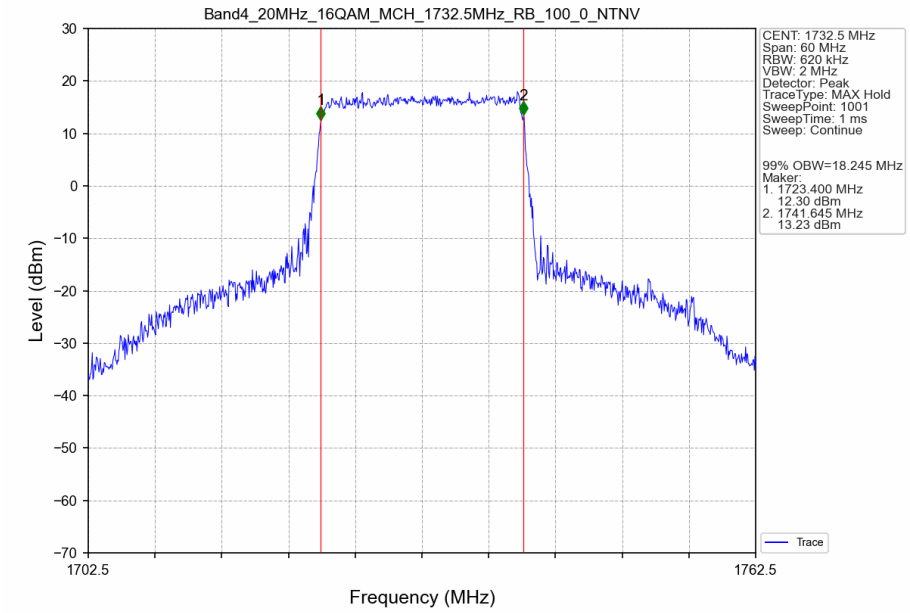
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

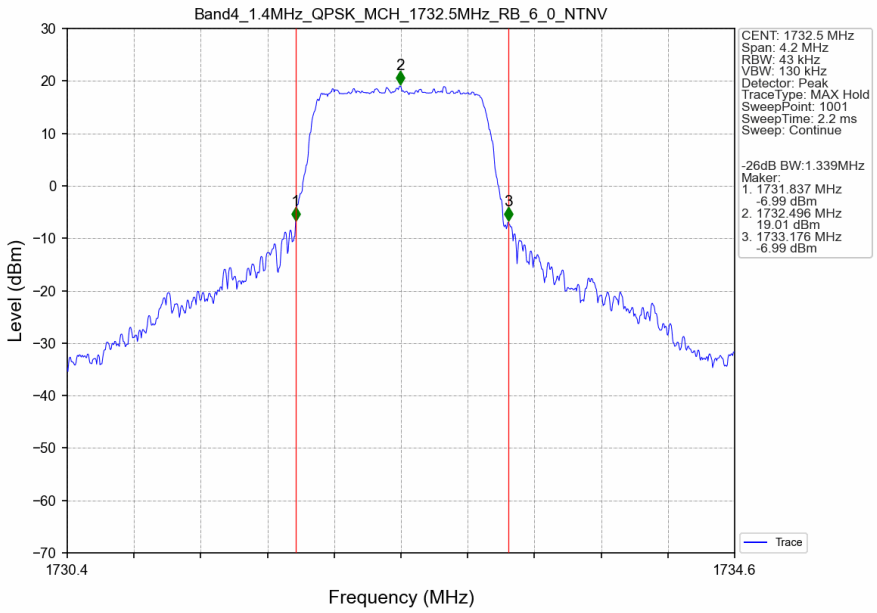


Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

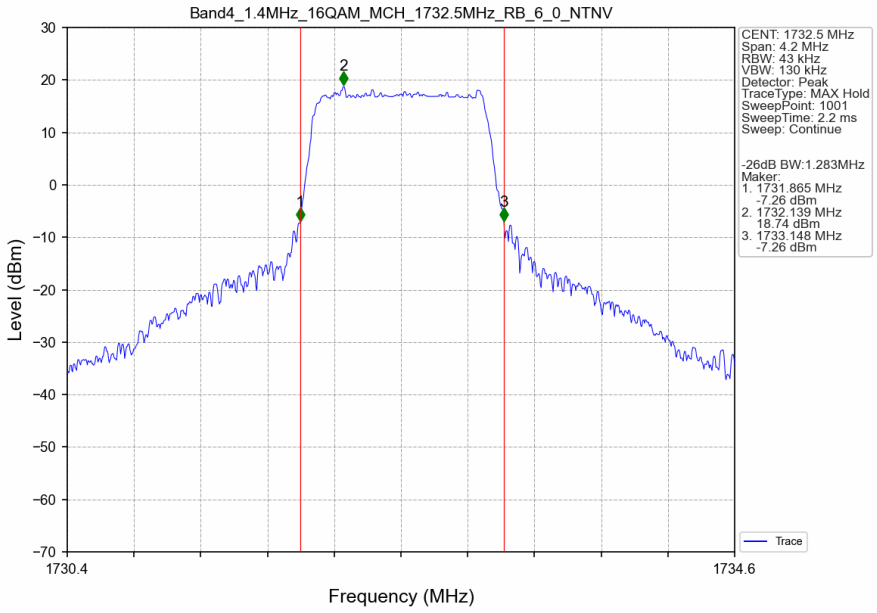


3.2.2 Band4_XDB

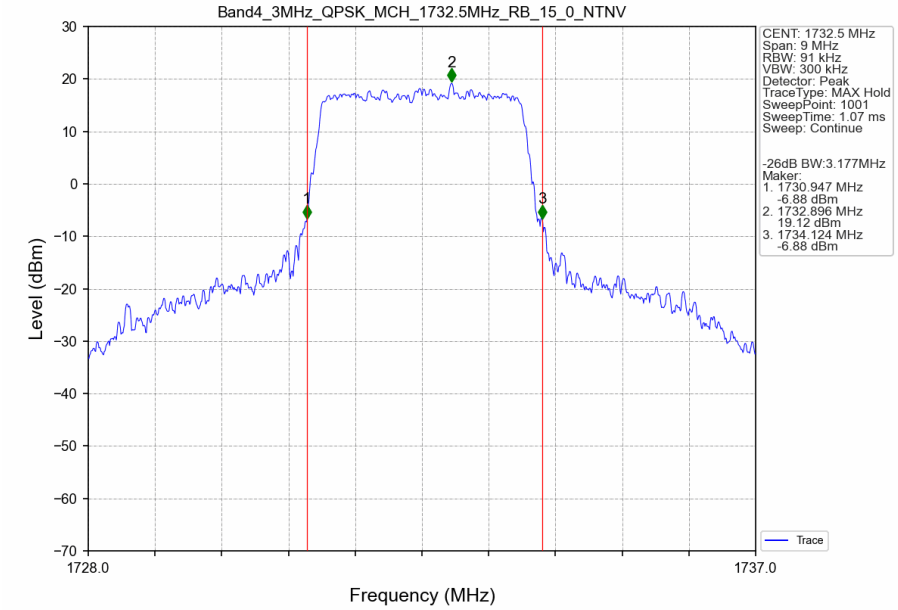
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



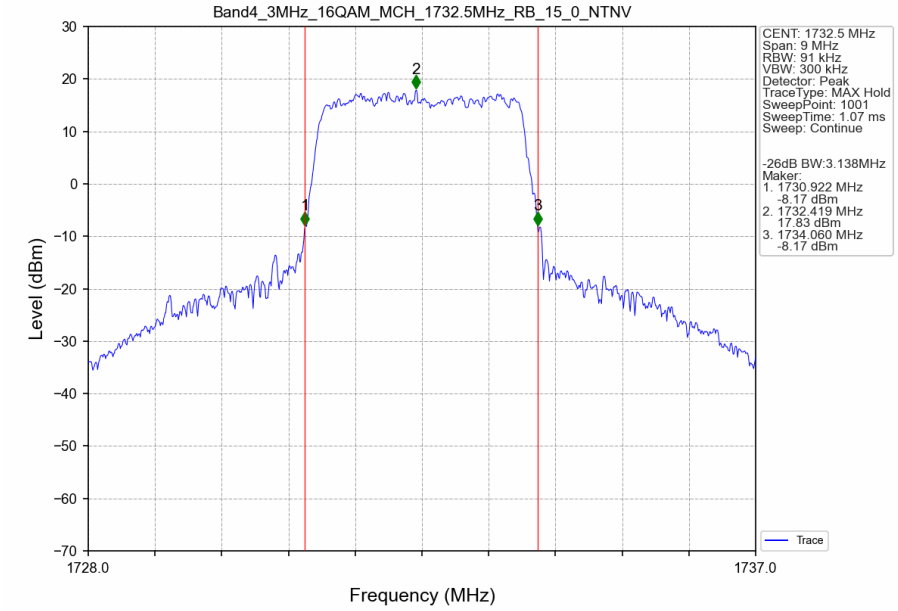
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



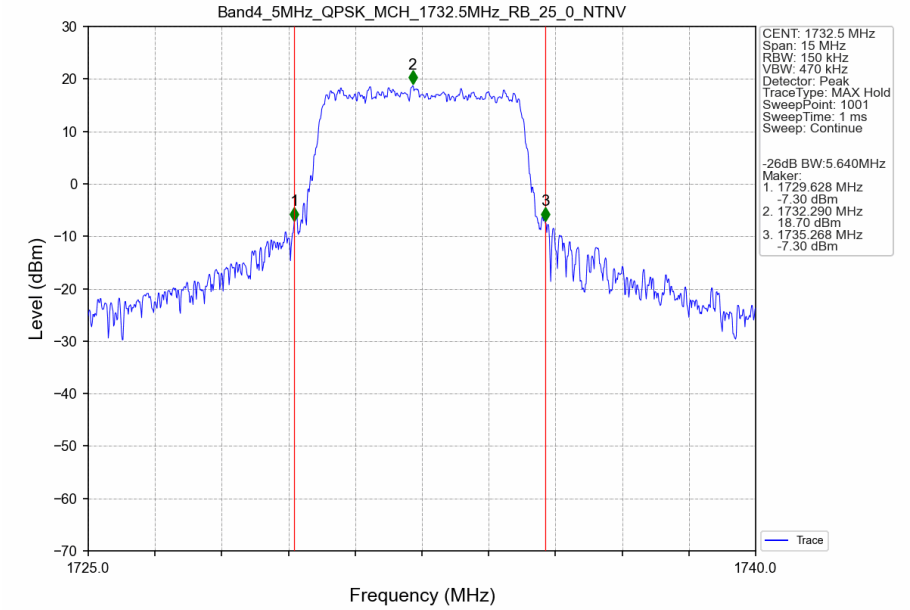
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



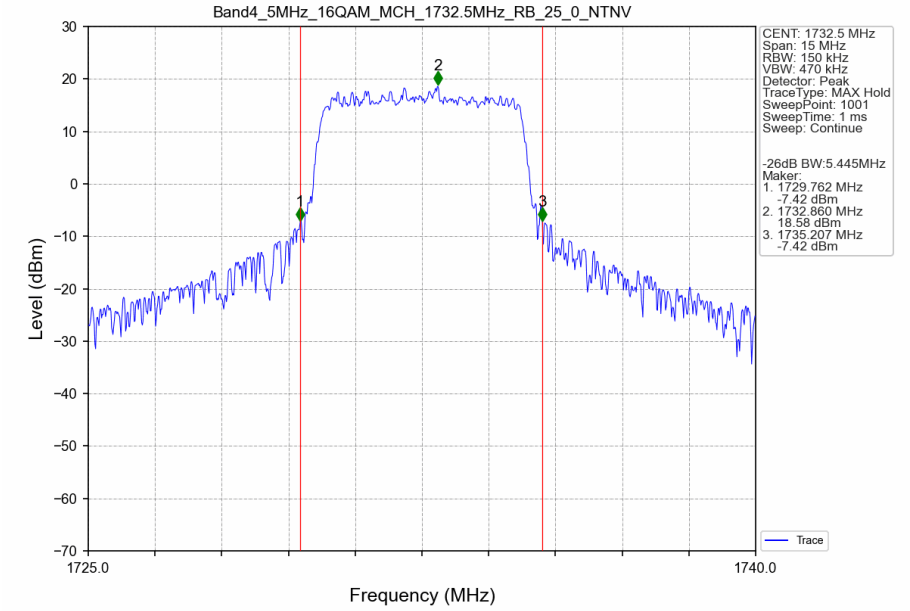
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



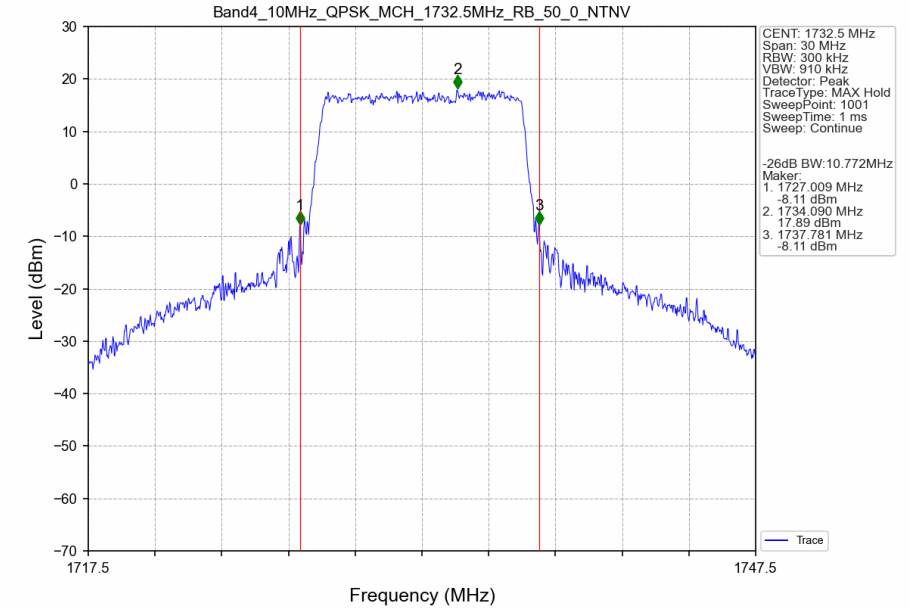
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



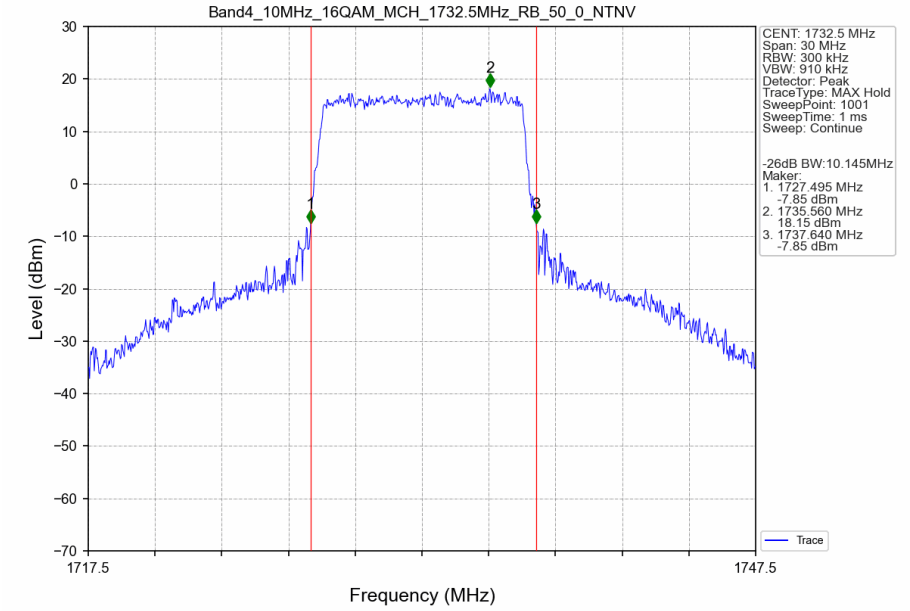
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



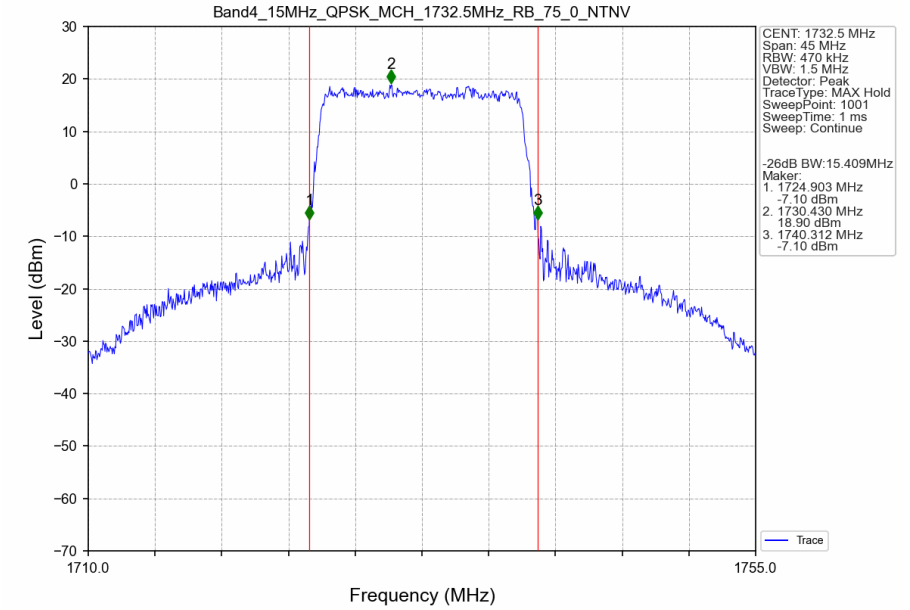
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



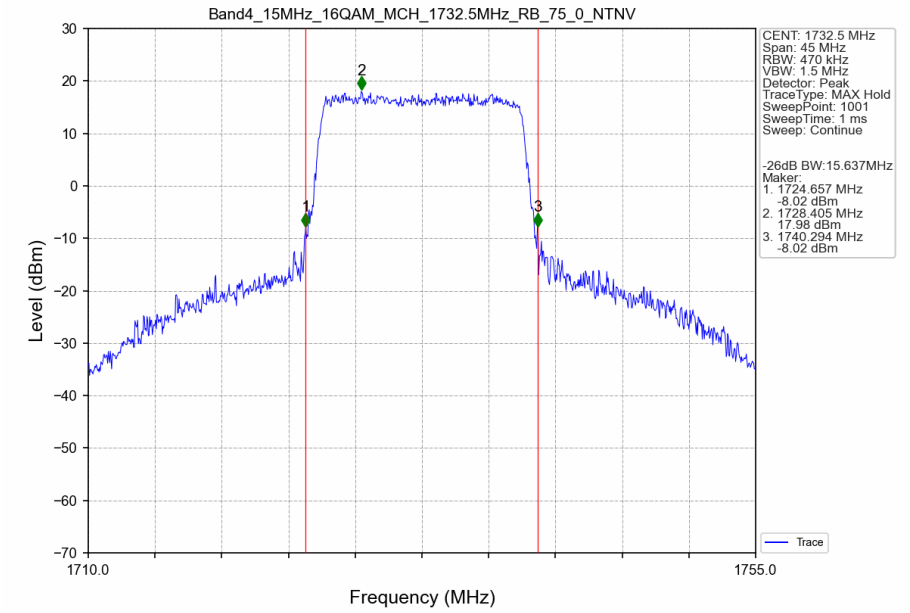
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



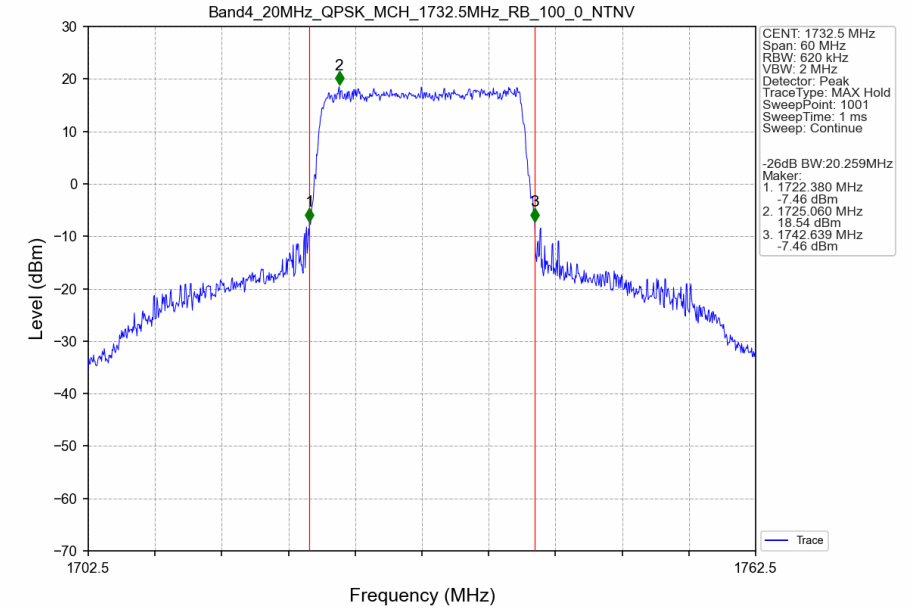
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



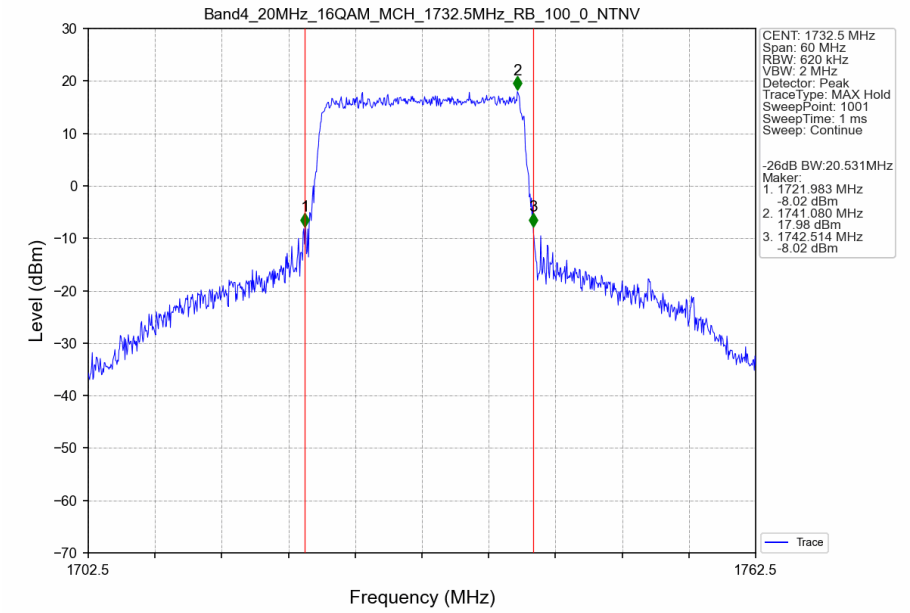
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



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

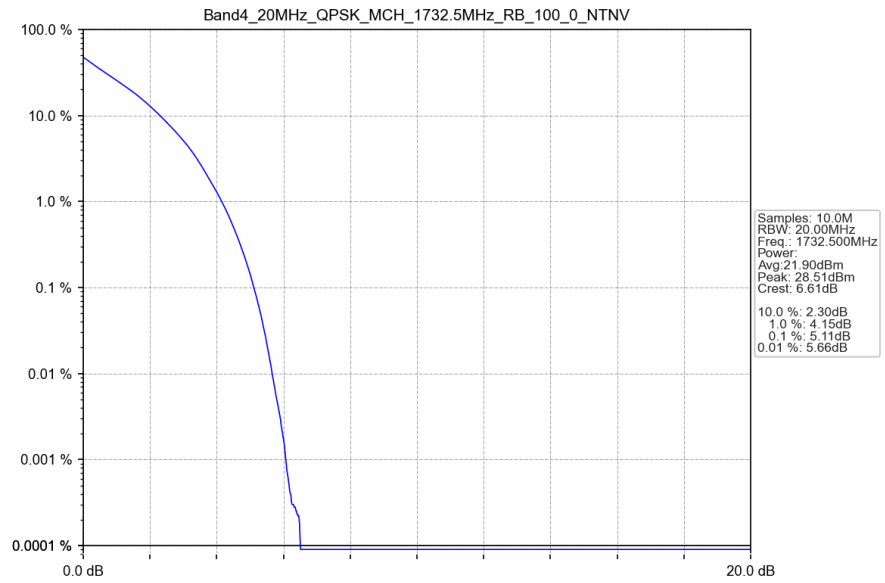
4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.11	<=13	Pass
16QAM	1732.5	100	0	5.92	<=13	Pass

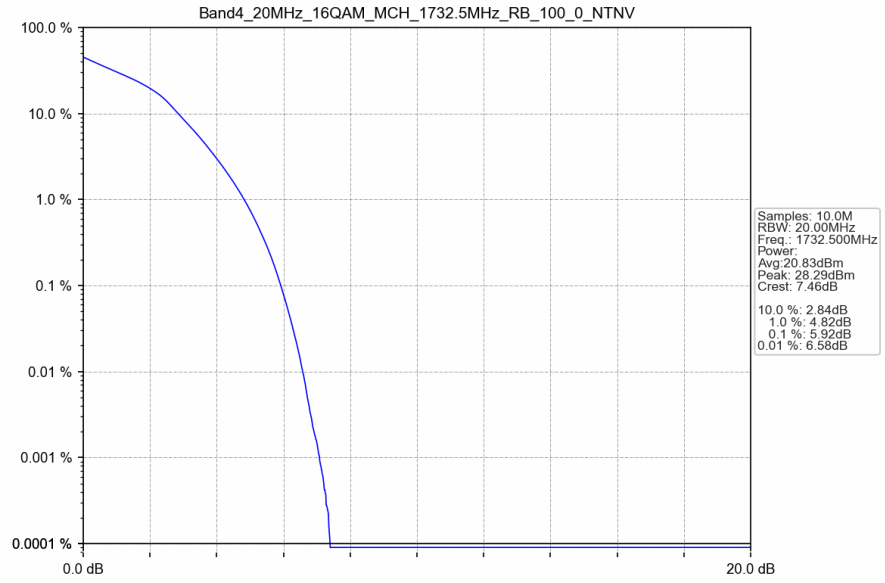
4.2 Test Graph

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

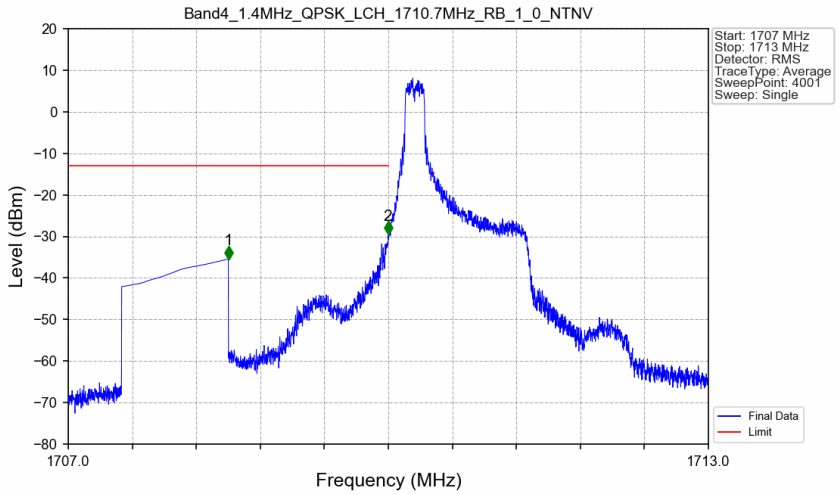
5.1.6 B4_20MHz

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

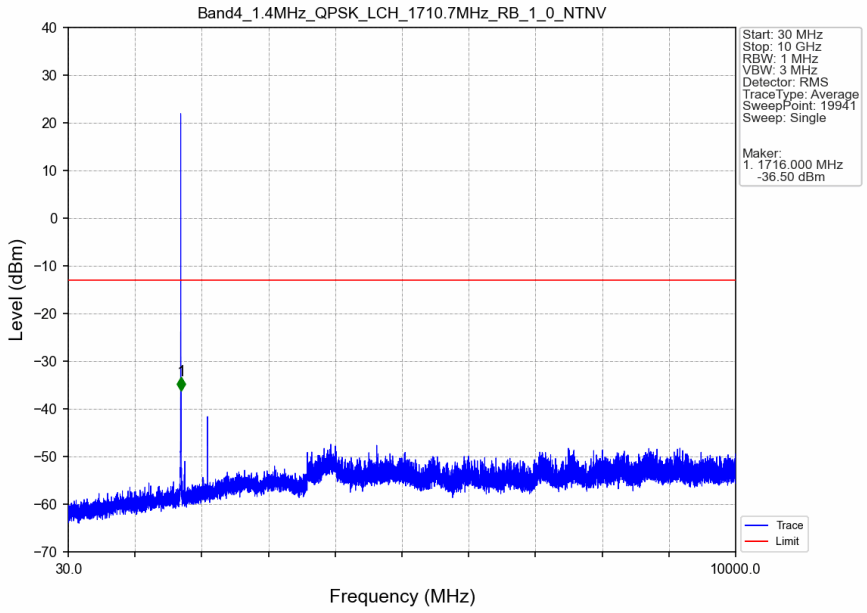
5.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

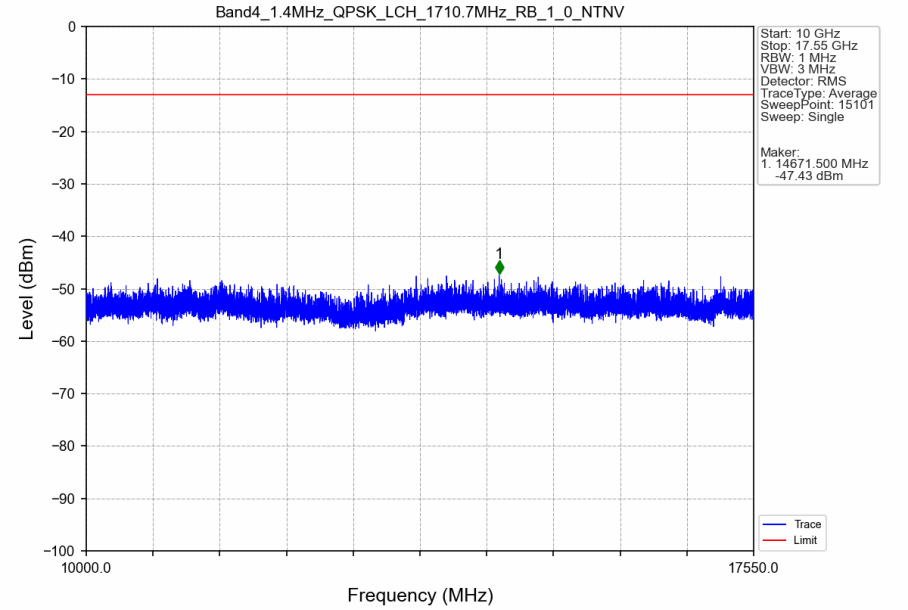


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-35.41	-13	Pass
1709	1710	0.003	/	2	1709.997	-29.53	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

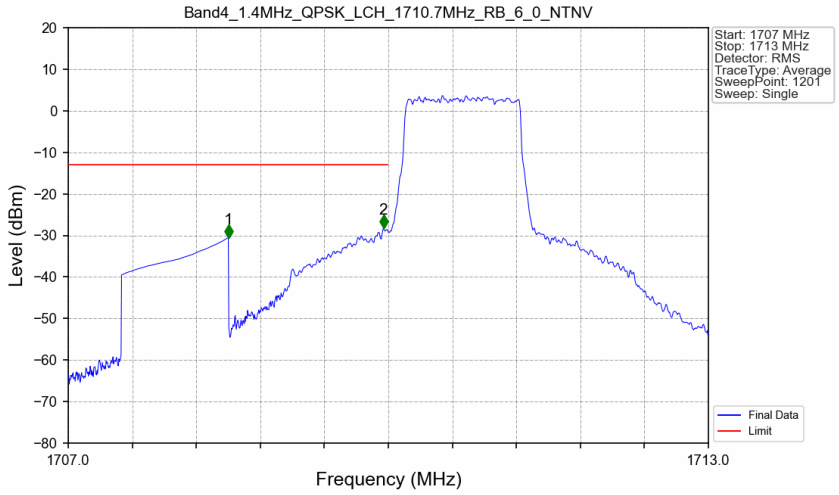
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

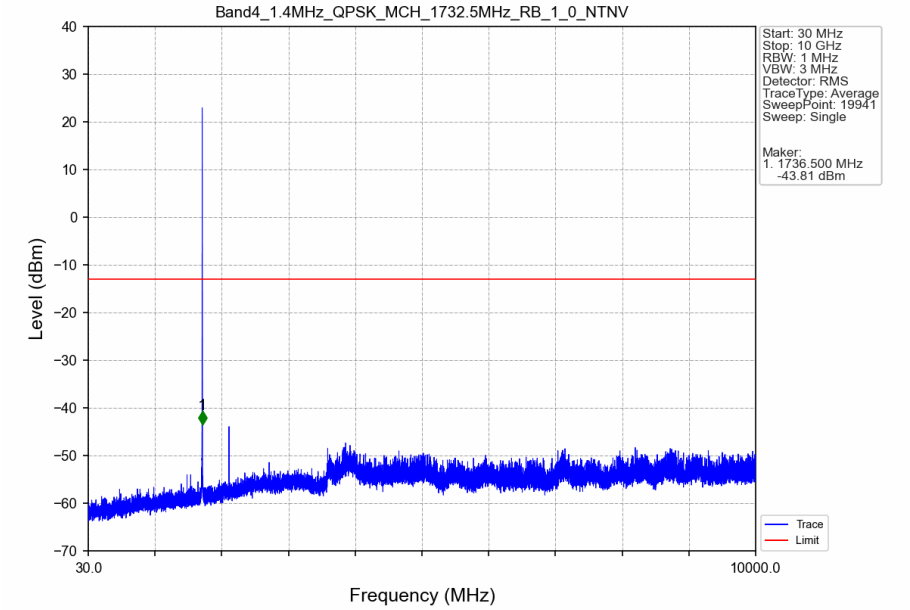


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

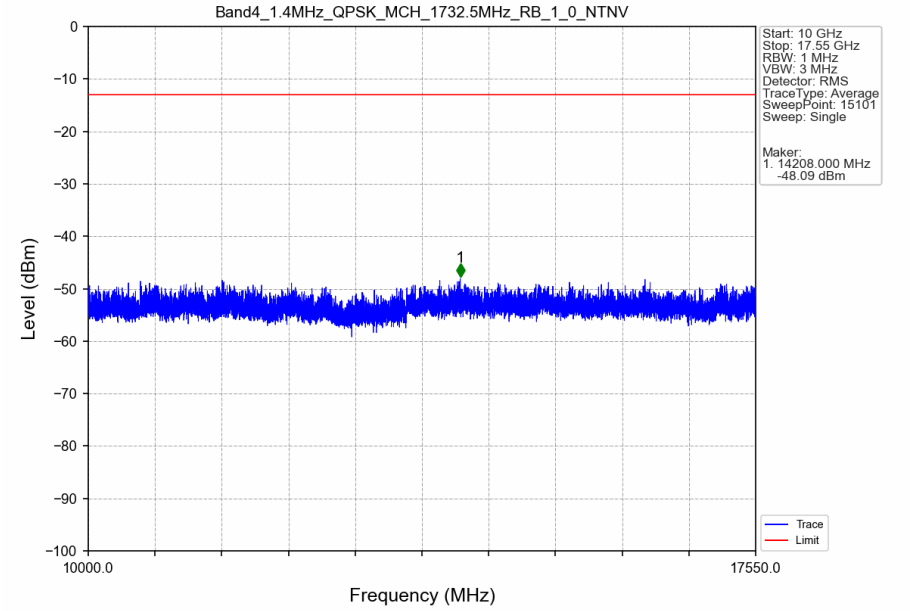


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-30.51	-13	Pass
1709	1710	0.013	CHP	2	1709.955	-28.25	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

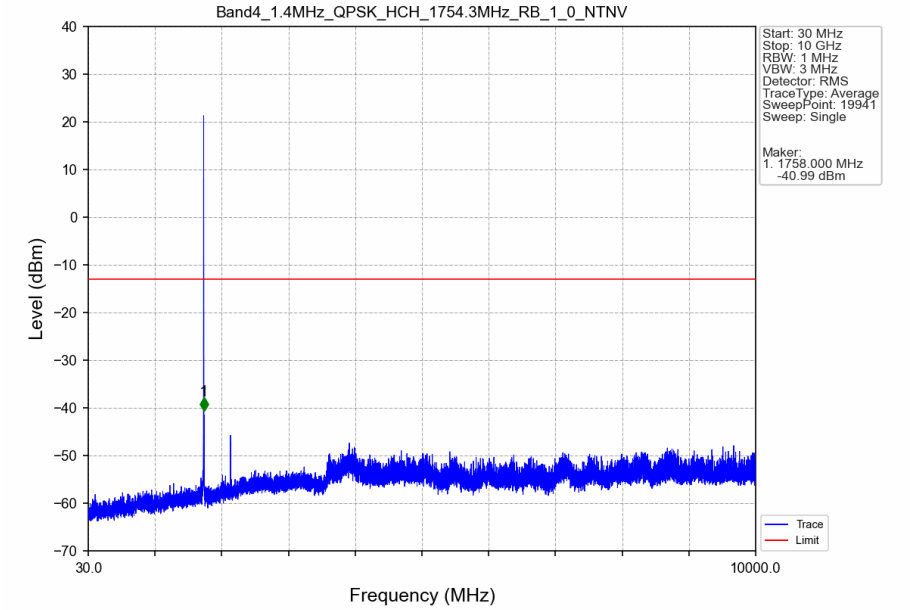
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



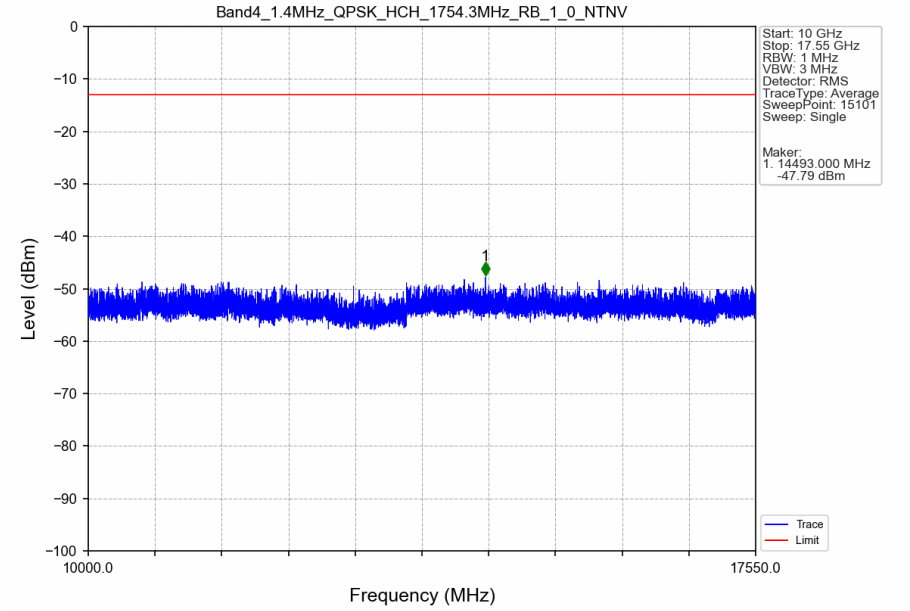
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



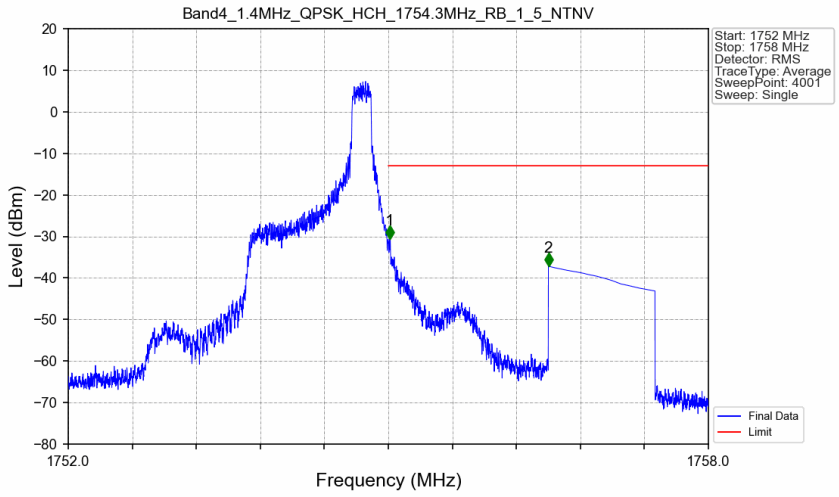
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

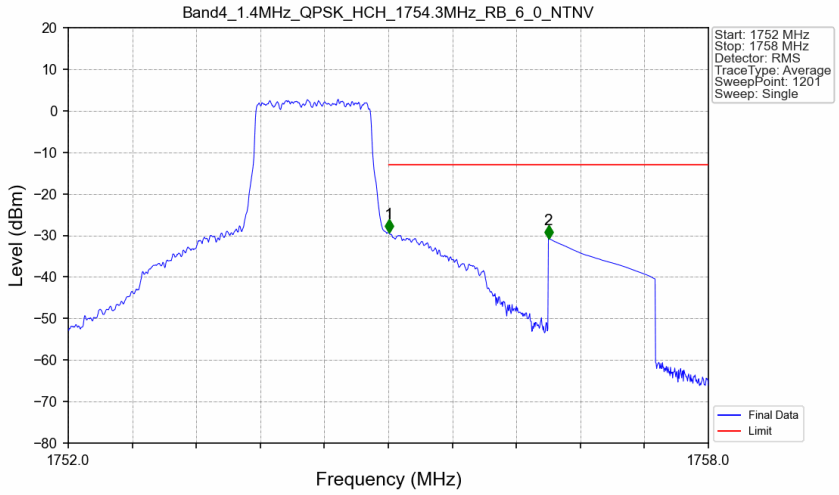


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



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	1755.012	-30.53	-13	Pass
1756	1758	1	CHP	2	1756.500	-37.17	-13	Pass

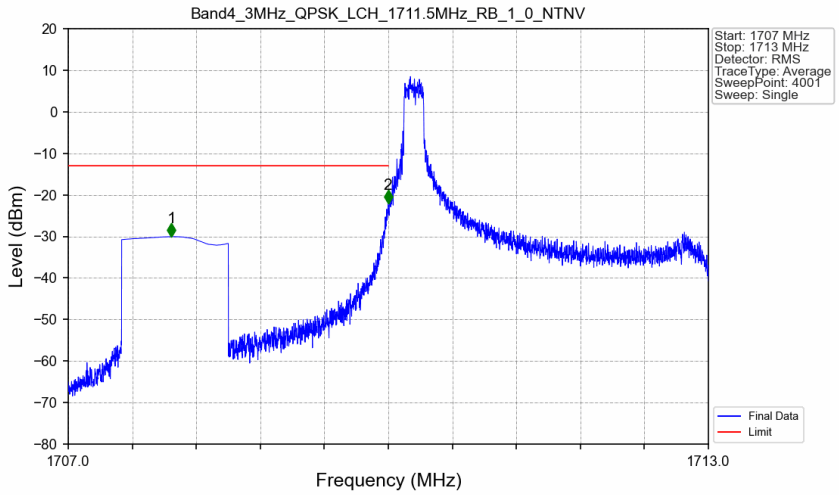
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-29.26	-13	Pass
1756	1758	1	CHP	2	1756.500	-30.69	-13	Pass

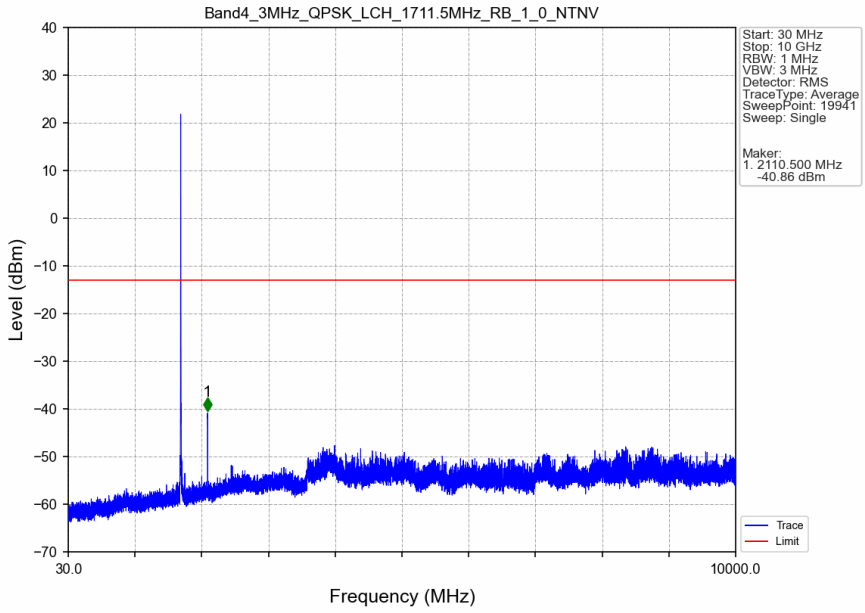
5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

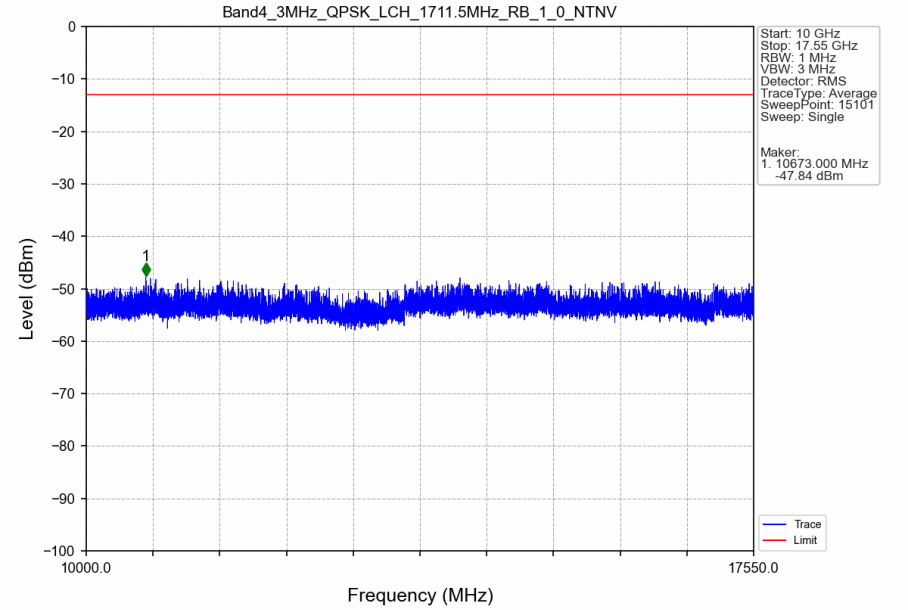


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.967	-30.06	-13	Pass
1709	1710	0.003	/	2	1709.997	-22.06	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

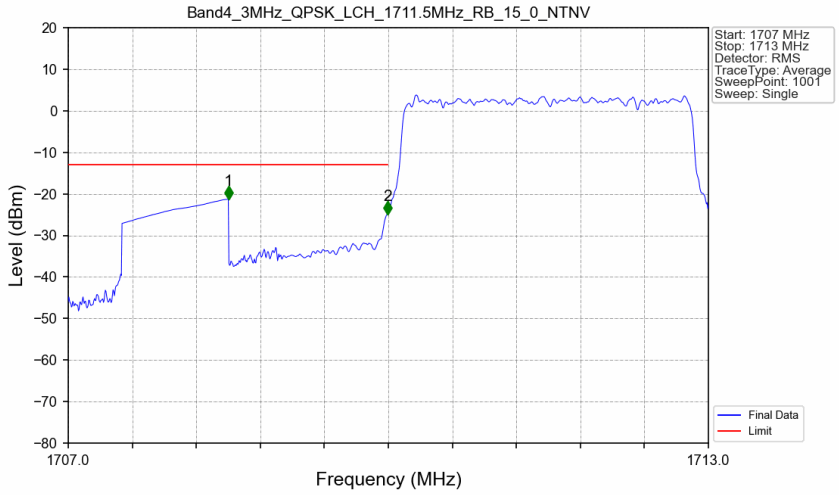
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

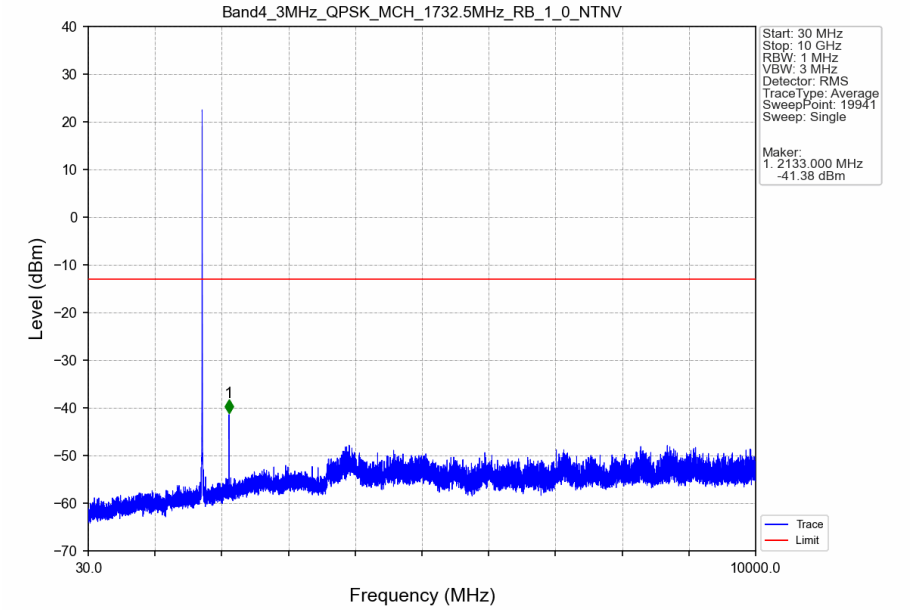


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

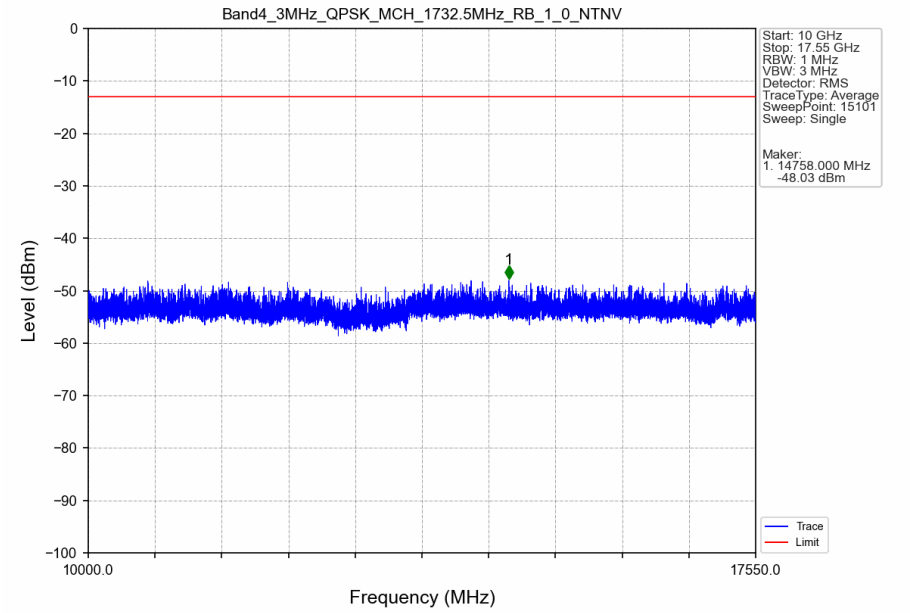


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-21.27	-13	Pass
1709	1710	0.032	CHP	2	1709.994	-24.91	-13	Pass
1710	1713	0.032	CHP	/	/	/	/	/

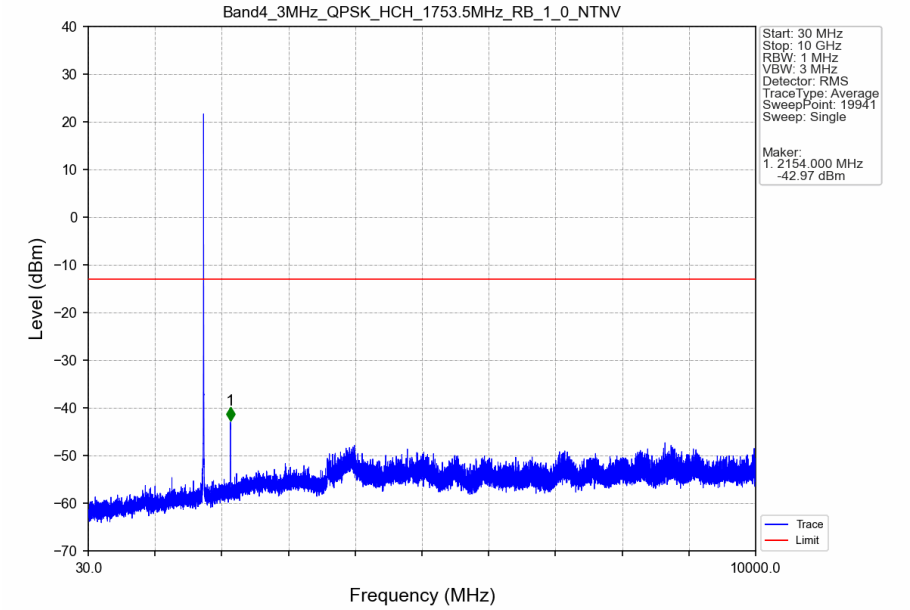
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



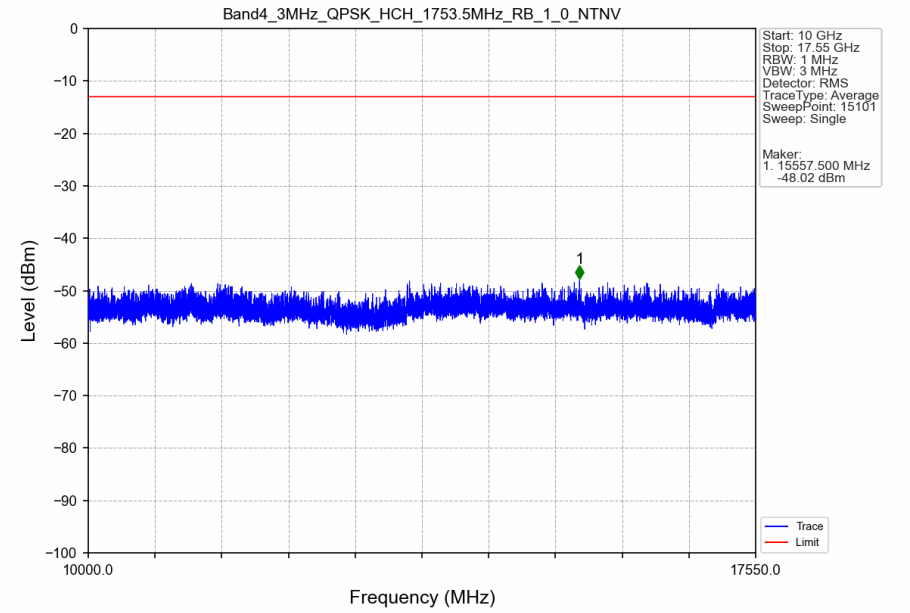
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



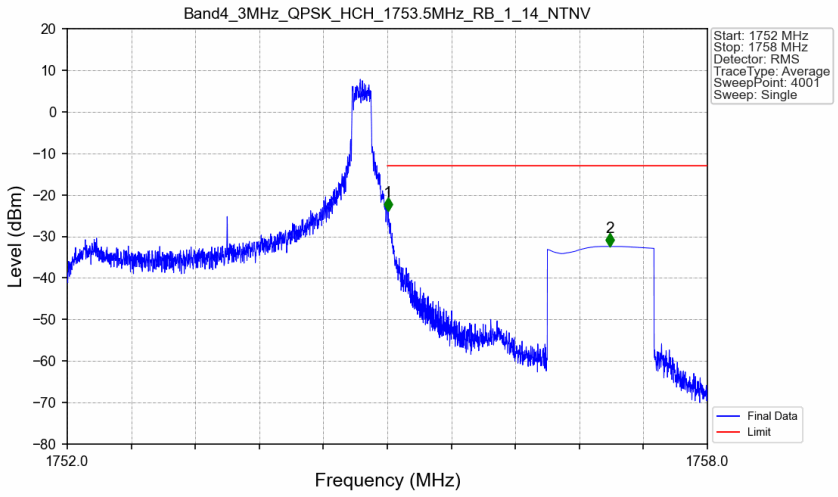
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

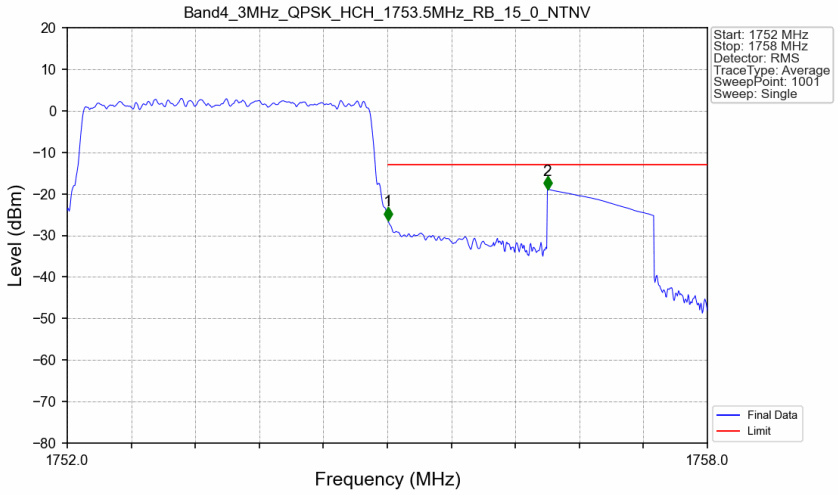


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



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	1755.007	-23.89	-13	Pass
1756	1758	1	CHP	2	1757.088	-32.41	-13	Pass

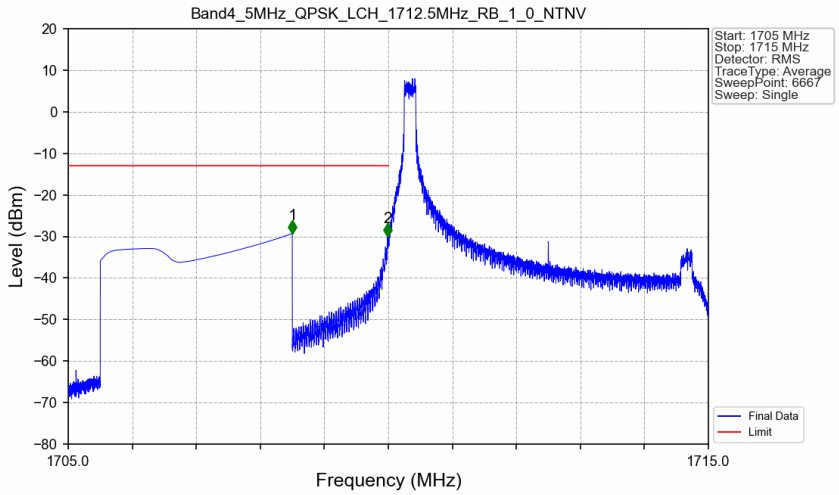
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.032	CHP	/	/	/	/	/
1755	1756	0.032	CHP	1	1755.006	-26.30	-13	Pass
1756	1758	1	CHP	2	1756.500	-18.90	-13	Pass

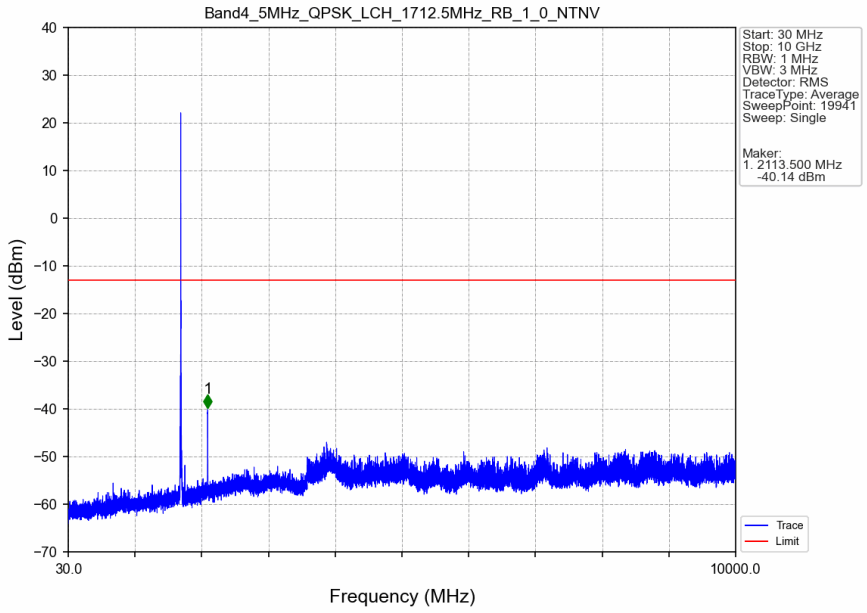
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

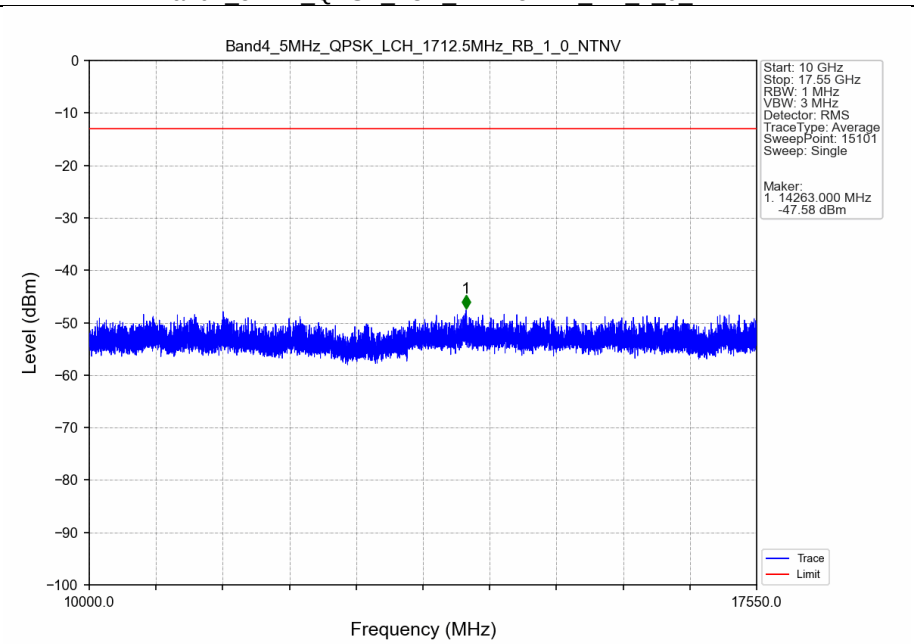


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-29.31	-13	Pass
1709	1710	0.003	/	2	1709.988	-30.01	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

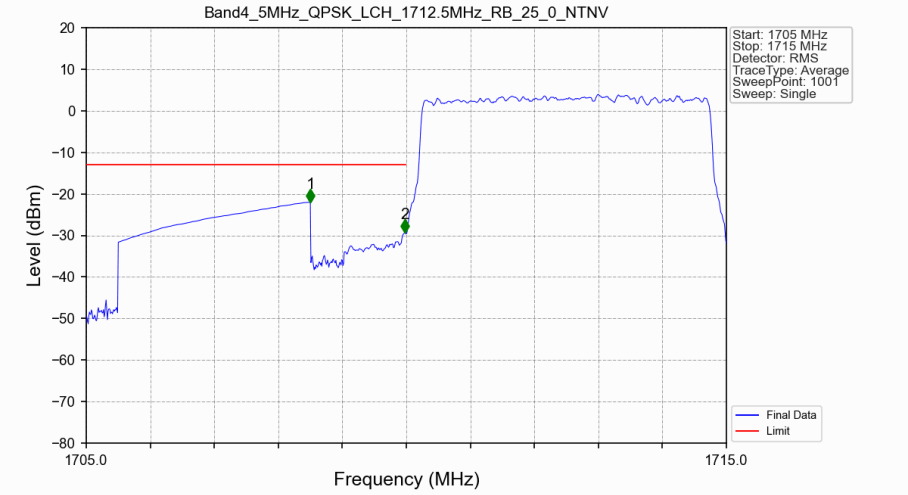
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

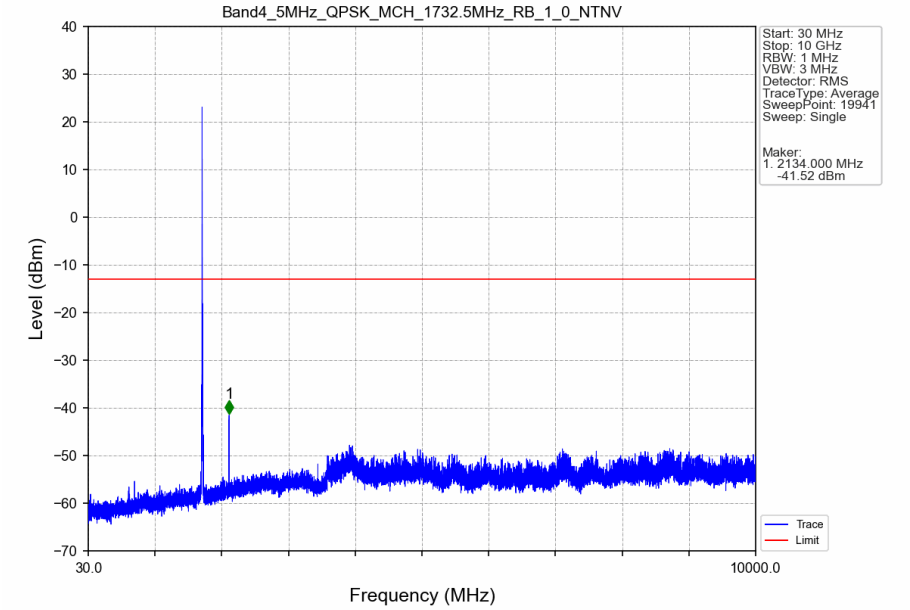


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

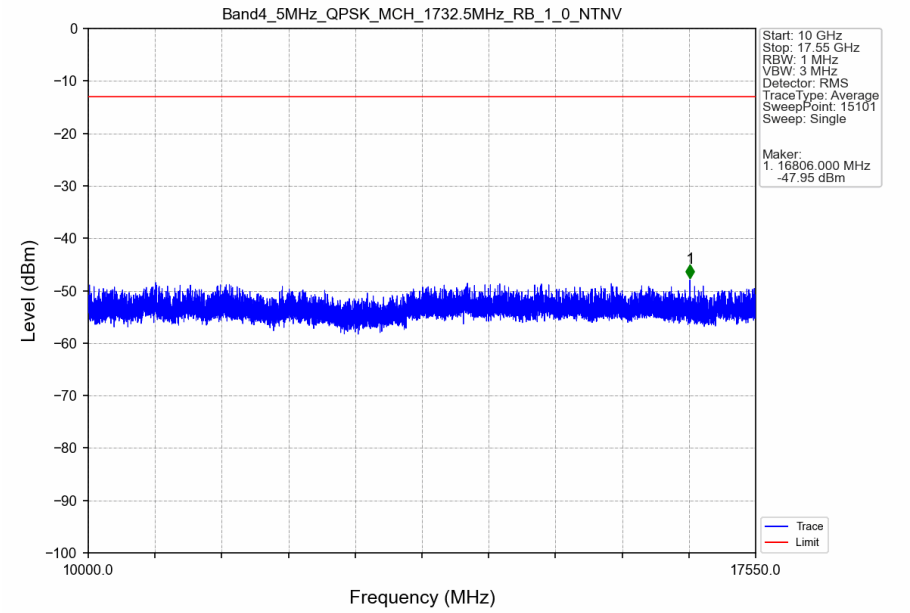


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-22.03	-13	Pass
1709	1710	0.054	CHP	2	1709.980	-29.24	-13	Pass
1710	1715	0.054	CHP	/	/	/	/	/

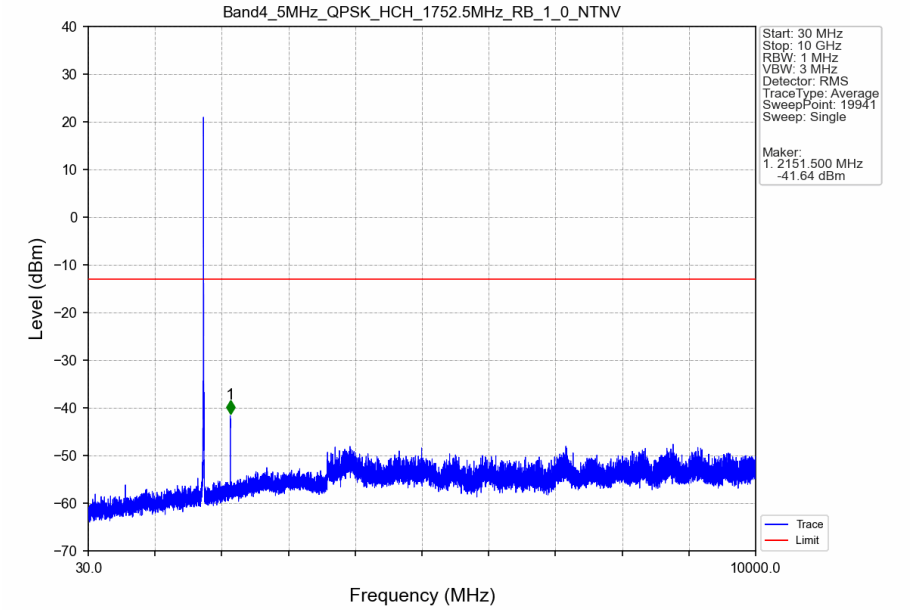
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



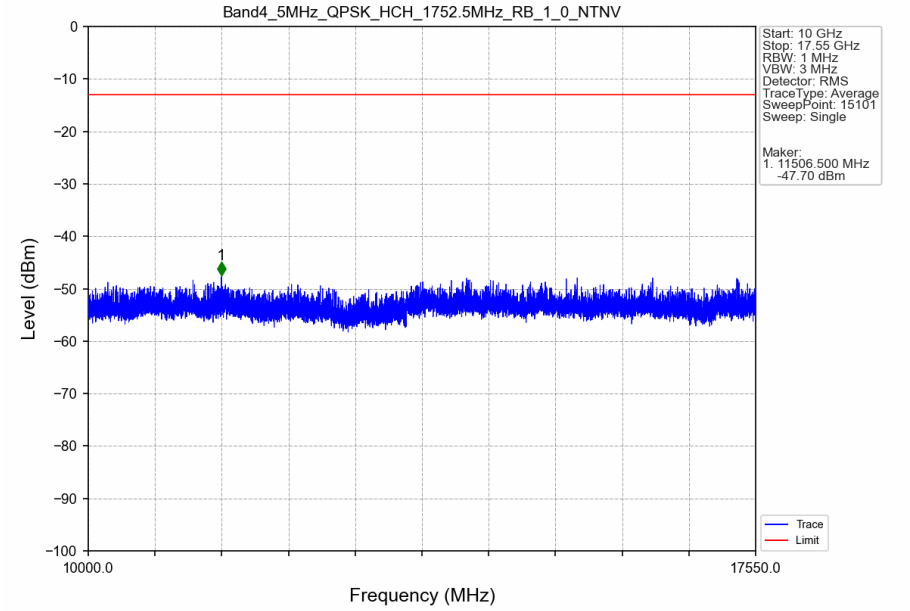
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



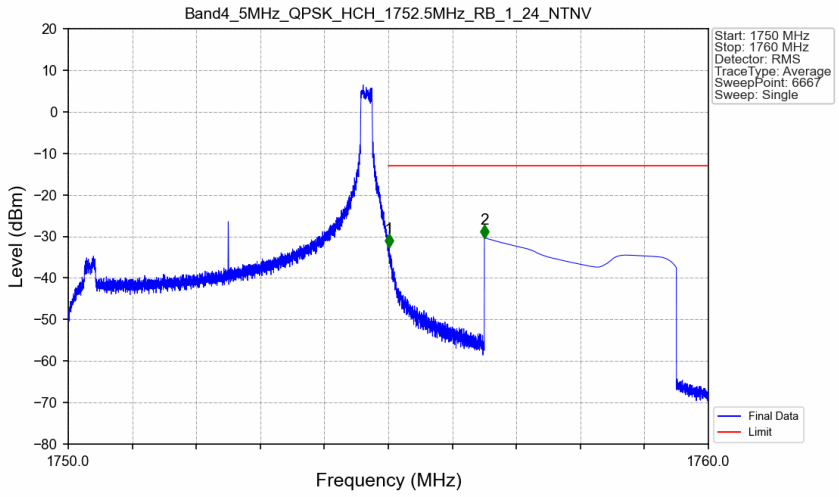
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

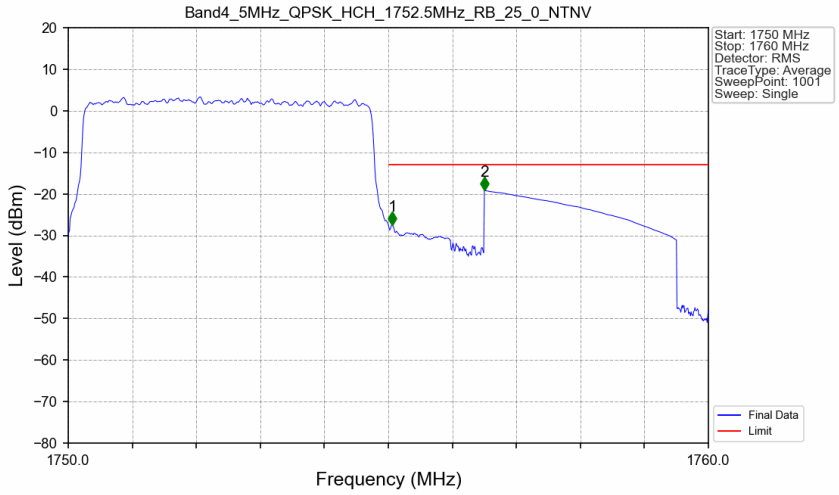


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



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	1755.012	-32.63	-13	Pass
1756	1760	1	CHP	2	1756.500	-30.34	-13	Pass

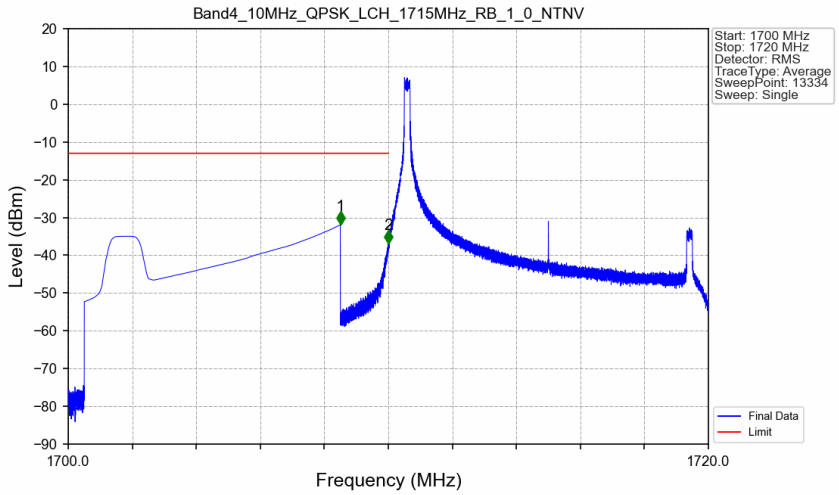
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.054	CHP	/	/	/	/	/
1755	1756	0.054	CHP	1	1755.060	-27.48	-13	Pass
1756	1760	1	CHP	2	1756.500	-19.17	-13	Pass

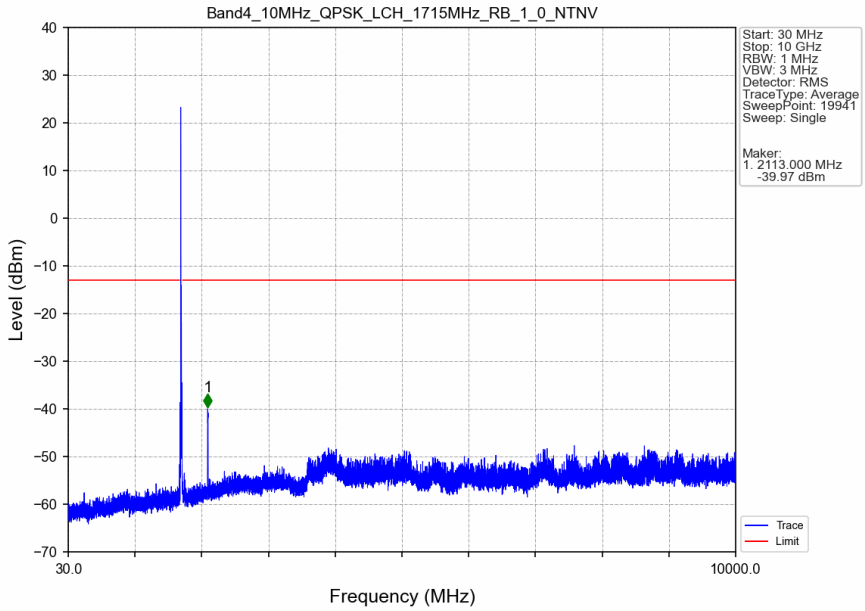
5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

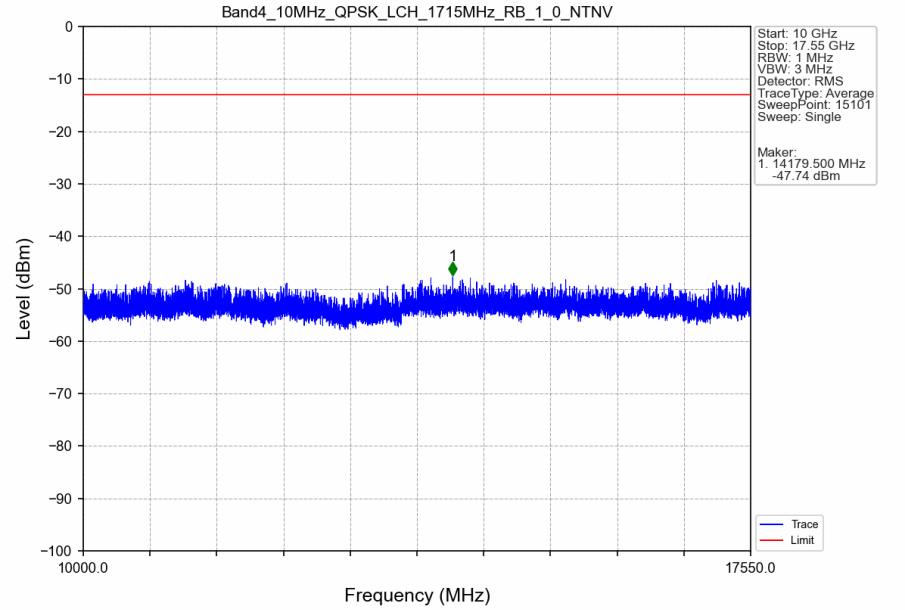


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.499	-31.91	-13	Pass
1709	1710	0.003	/	2	1709.999	-36.85	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

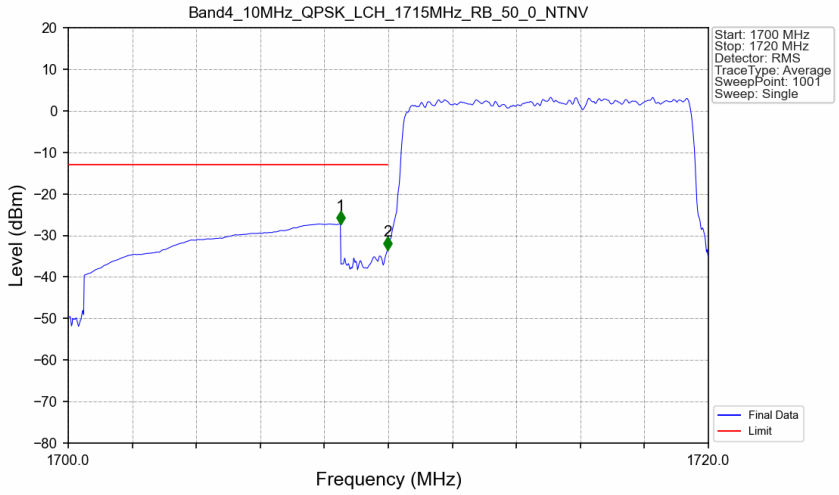
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

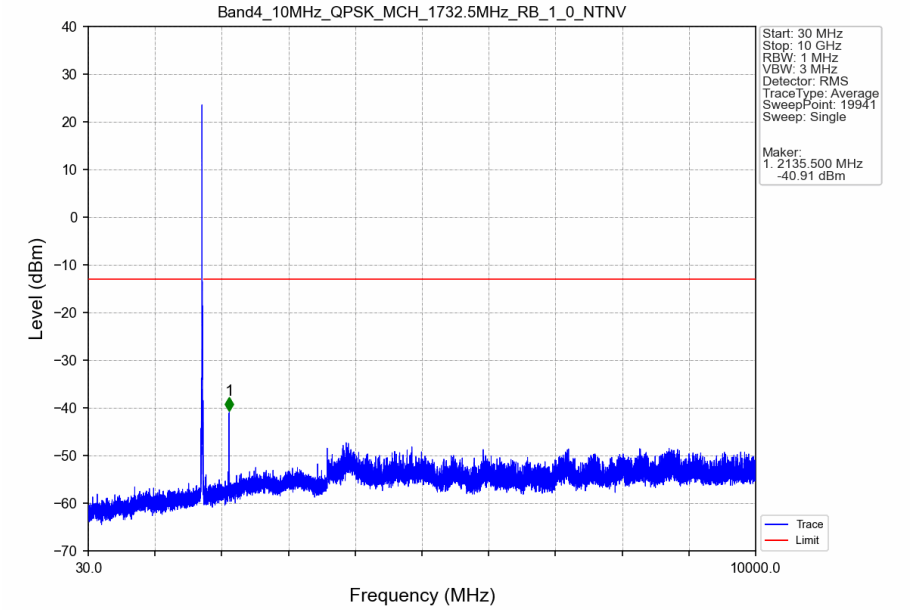


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

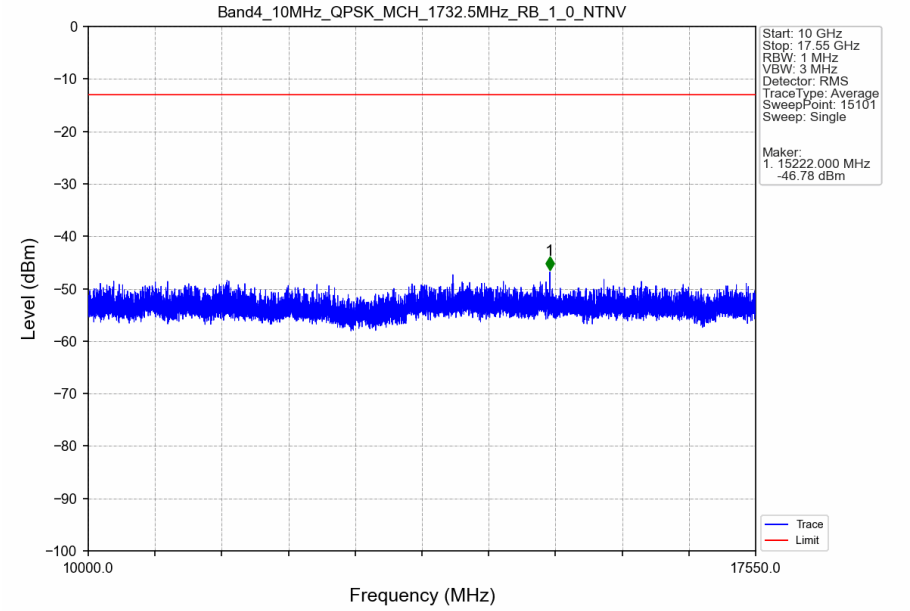


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-27.22	-13	Pass
1709	1710	0.101	CHP	2	1709.980	-33.49	-13	Pass
1710	1720	0.101	CHP	/	/	/	/	/

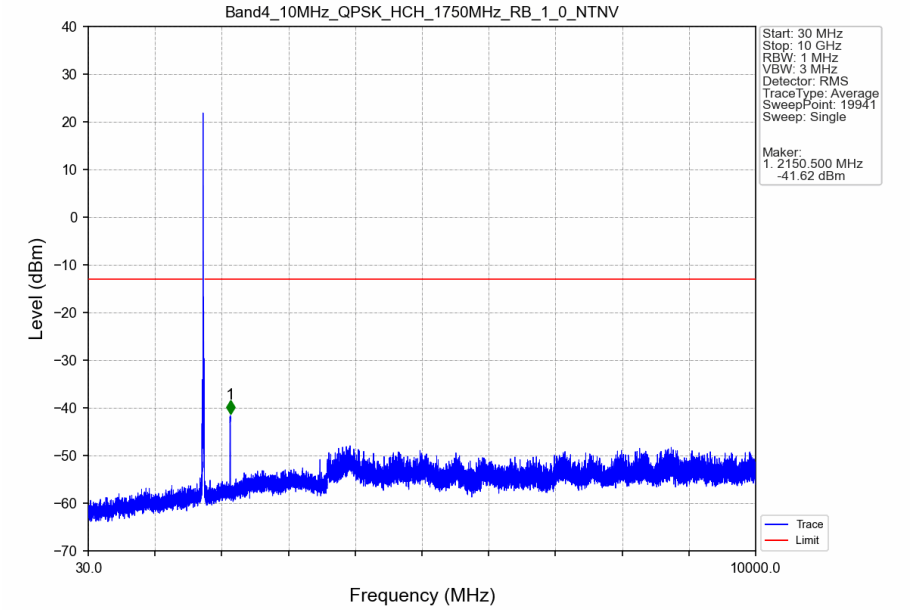
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



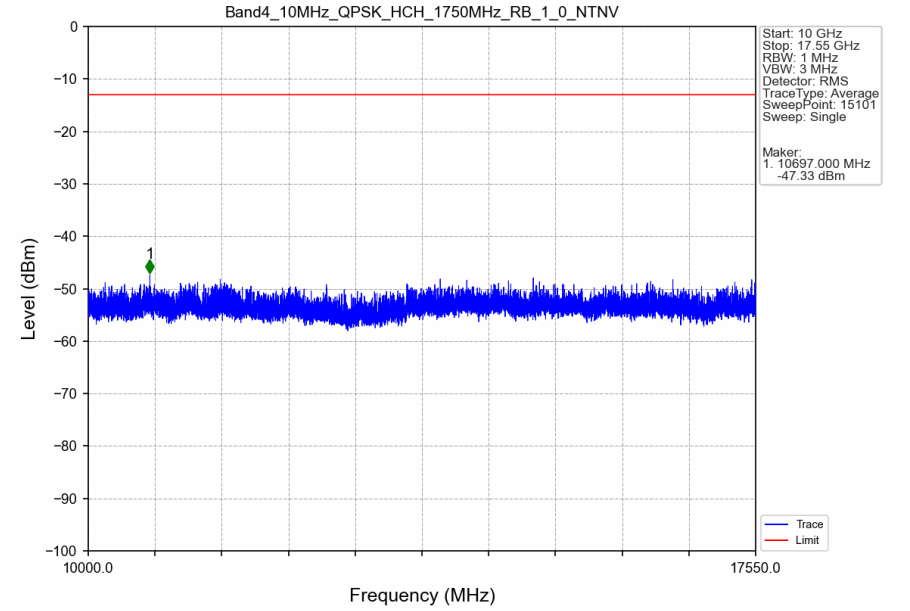
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



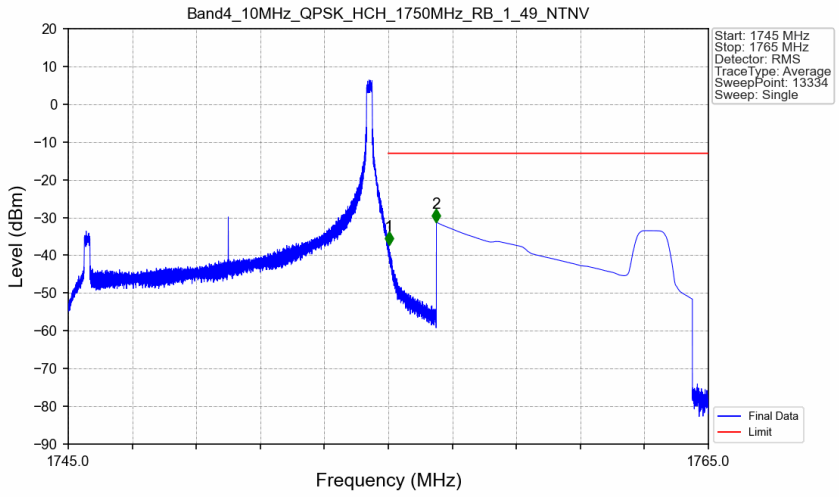
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

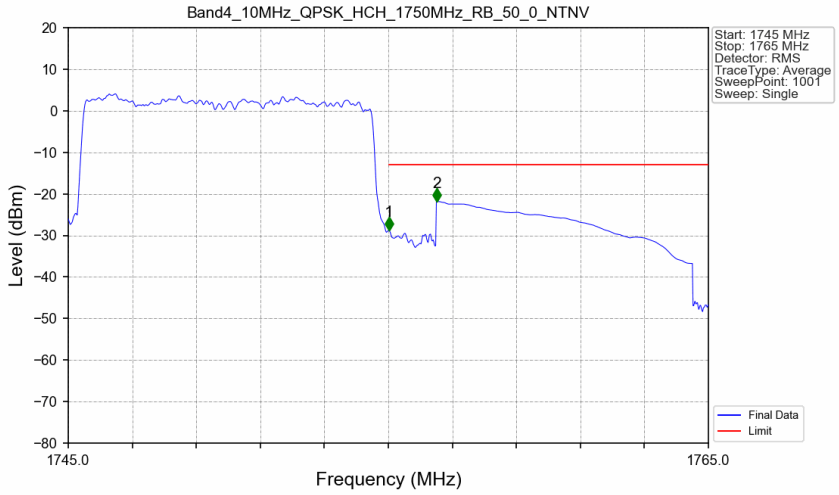


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.013	-37.30	-13	Pass
1756	1765	1	CHP	2	1756.501	-31.25	-13	Pass

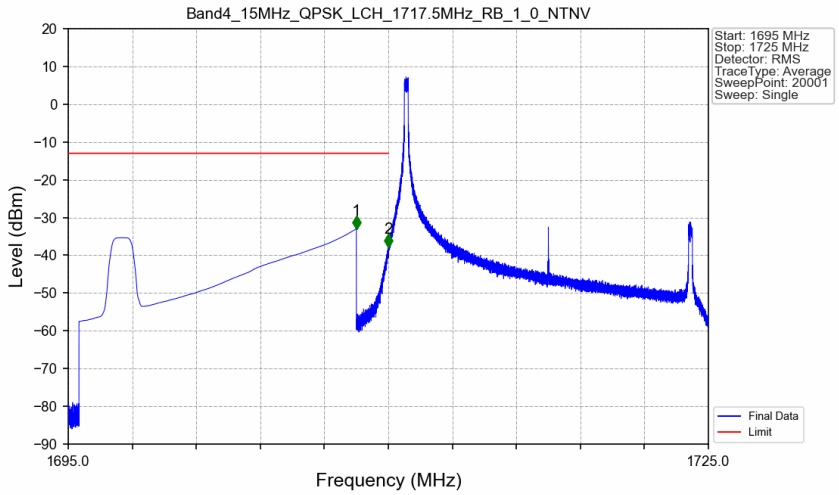
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.108	CHP	/	/	/	/	/
1755	1756	0.108	CHP	1	1755.020	-28.79	-13	Pass
1756	1765	1	CHP	2	1756.520	-21.82	-13	Pass

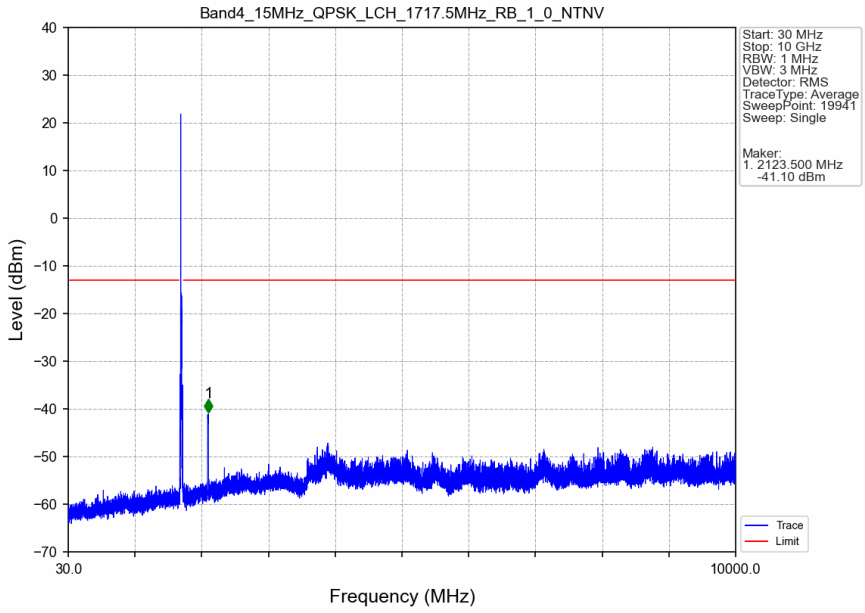
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

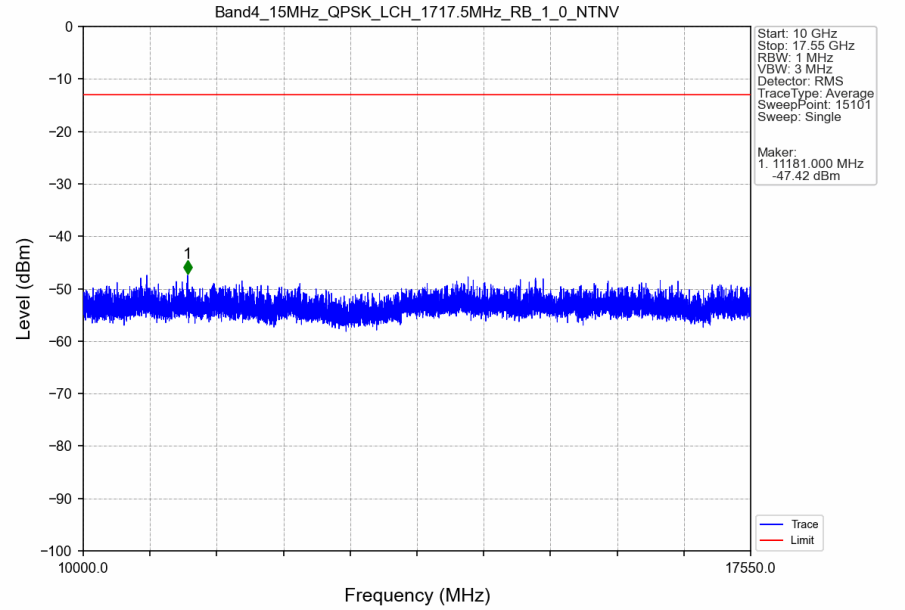


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.498	-32.97	-13	Pass
1709	1710	0.003	/	2	1709.998	-37.88	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

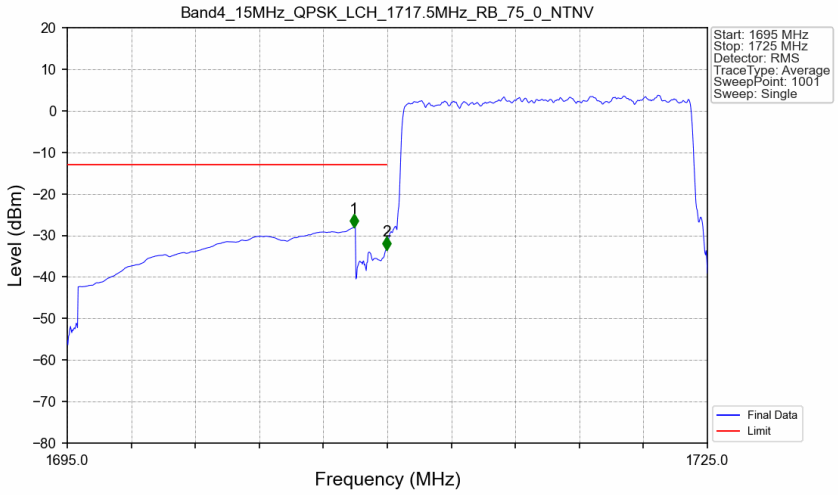
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

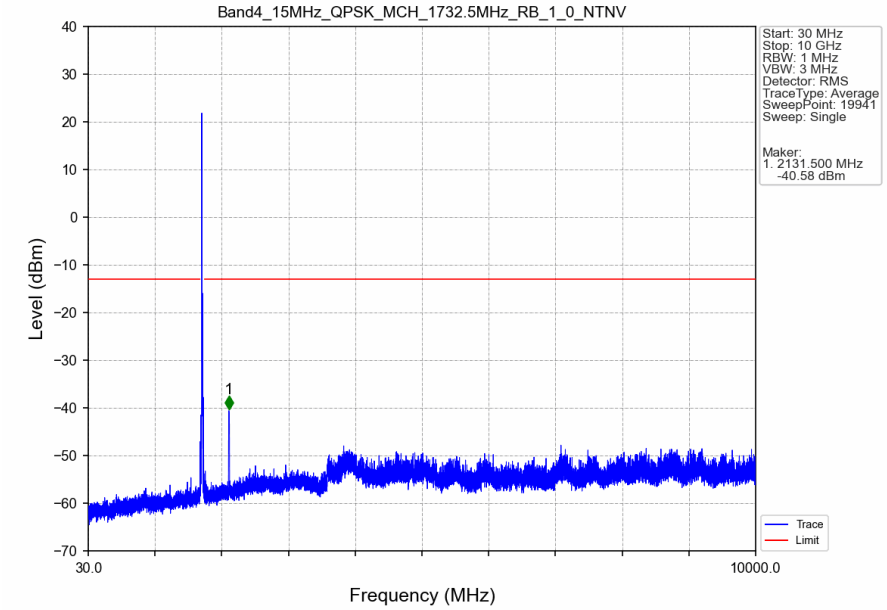


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

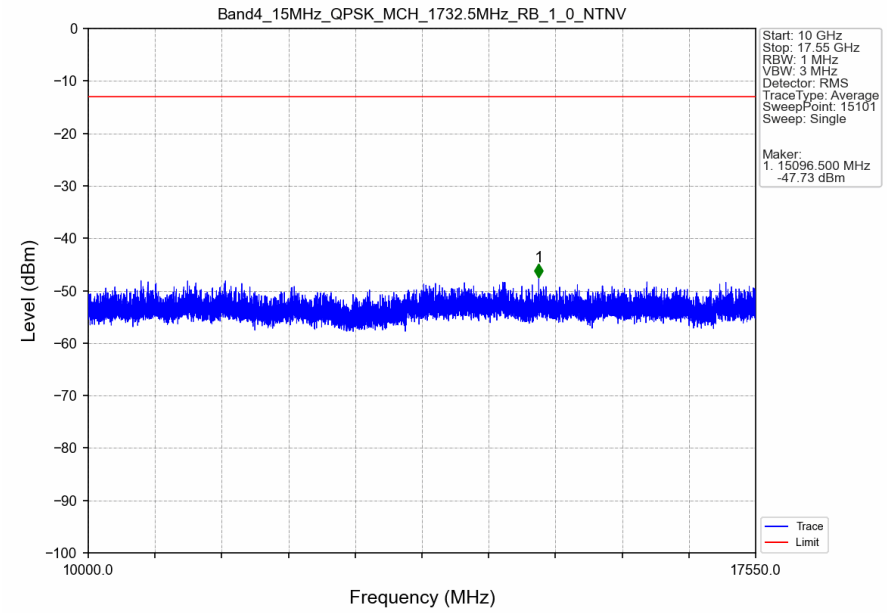


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.440	-28.10	-13	Pass
1709	1710	0.154	CHP	2	1709.970	-33.42	-13	Pass
1710	1725	0.154	CHP	/	/	/	/	/

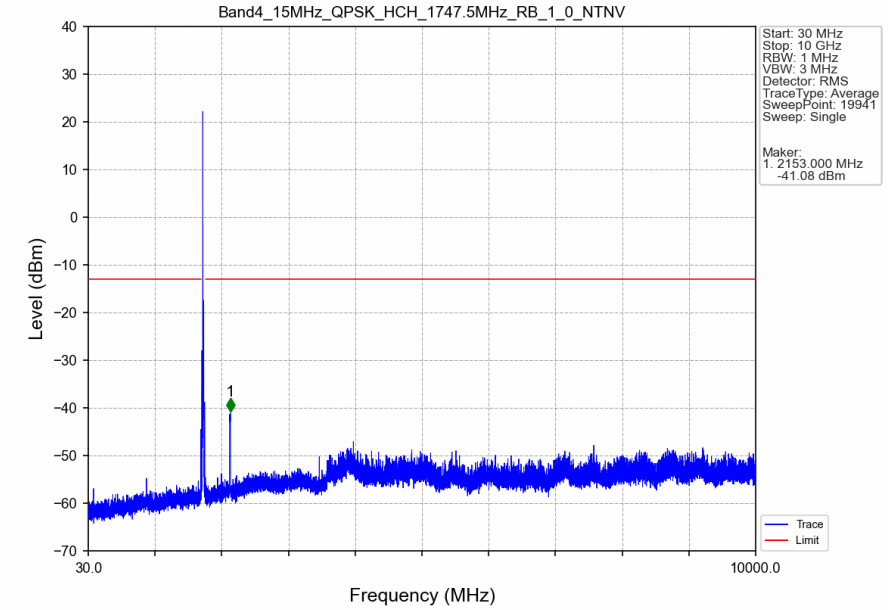
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



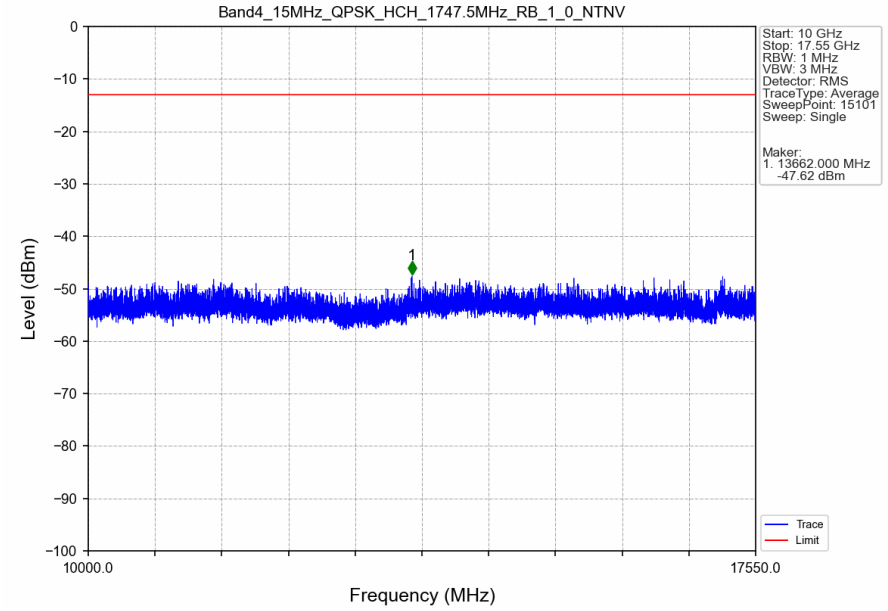
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



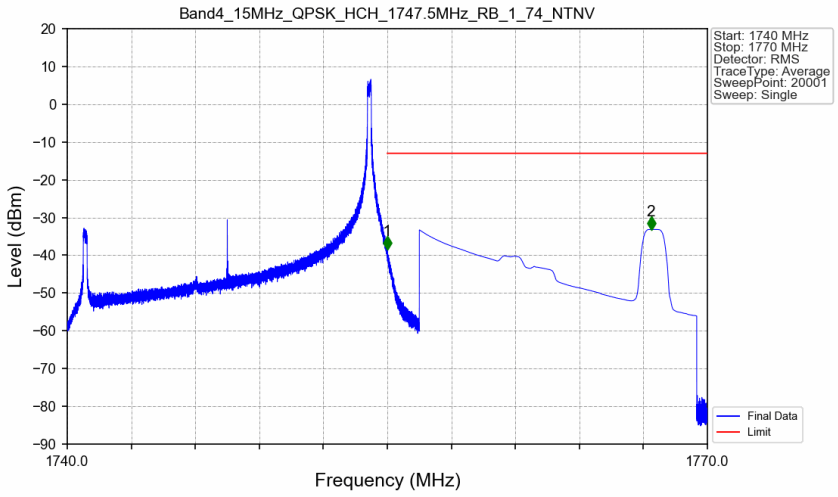
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

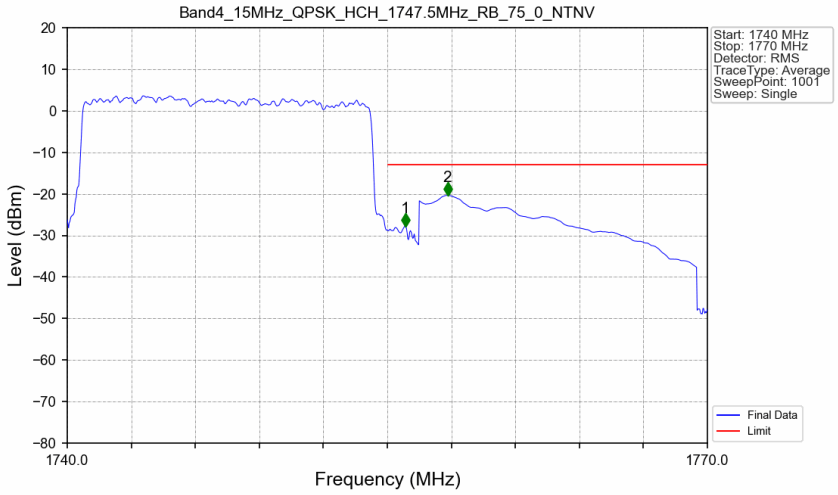


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



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	1755.002	-38.41	-13	Pass
1756	1770	1	CHP	2	1767.361	-33.17	-13	Pass

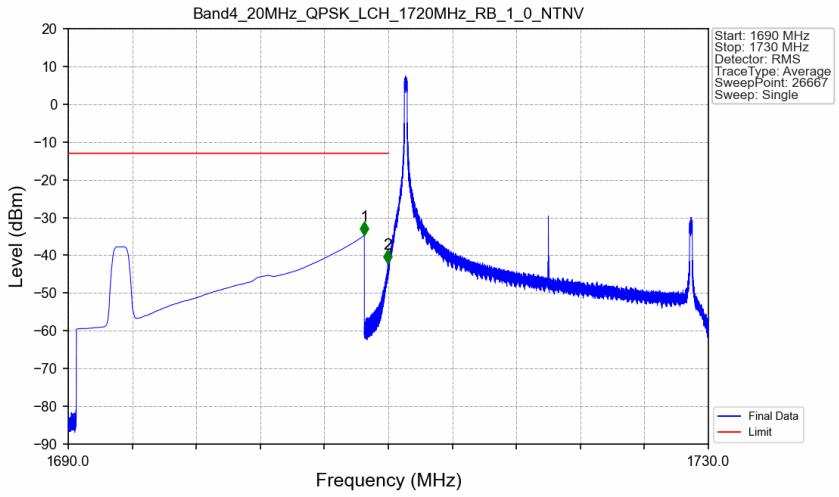
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.154	CHP	/	/	/	/	/
1755	1756	0.154	CHP	1	1755.840	-27.81	-13	Pass
1756	1770	1	CHP	2	1757.820	-20.35	-13	Pass

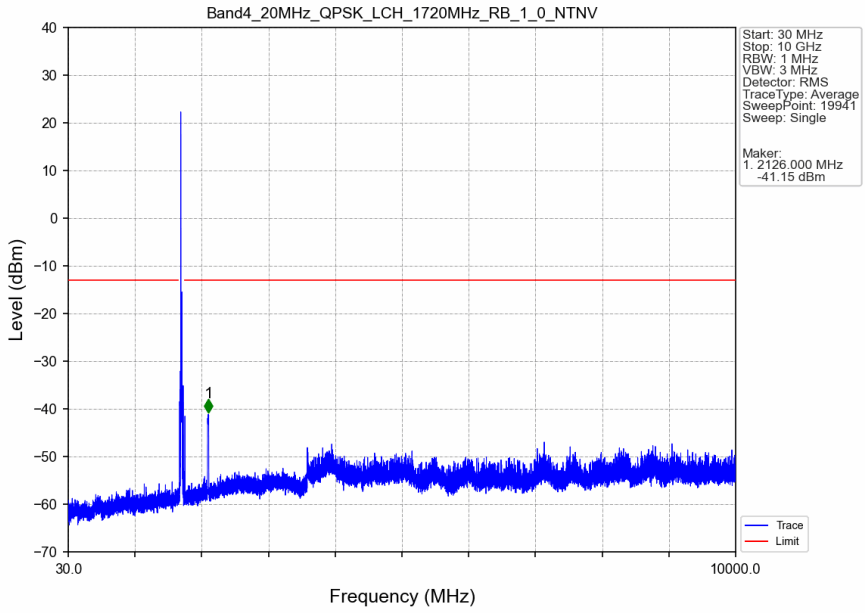
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

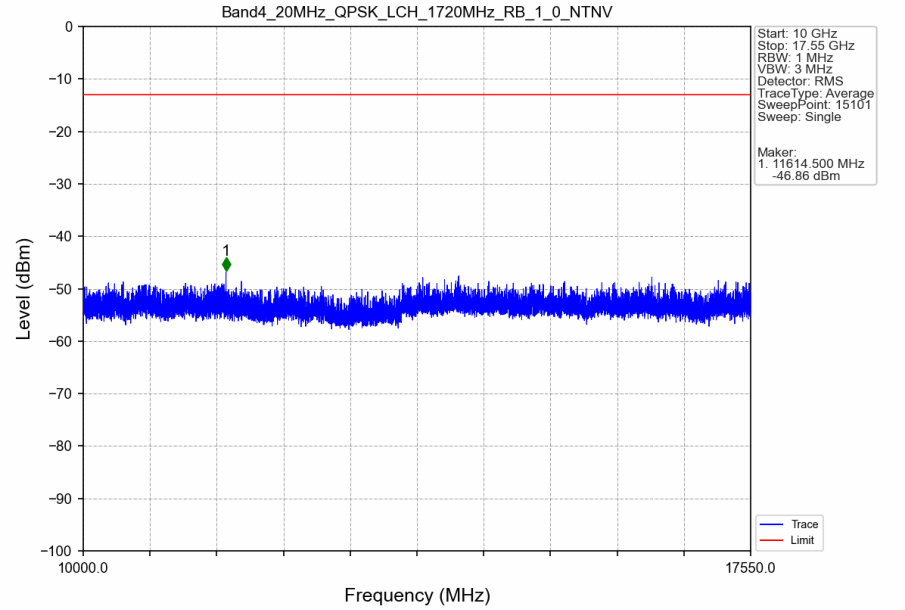


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.497	-34.70	-13	Pass
1709	1710	0.003	/	2	1709.968	-41.96	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

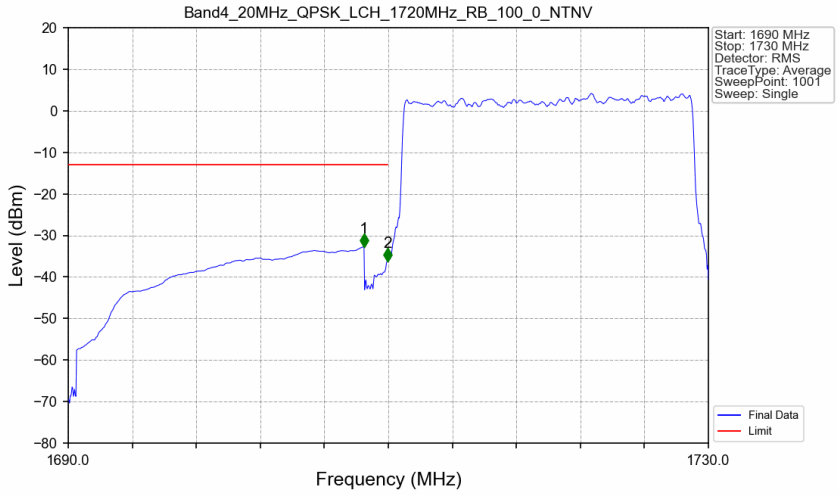
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

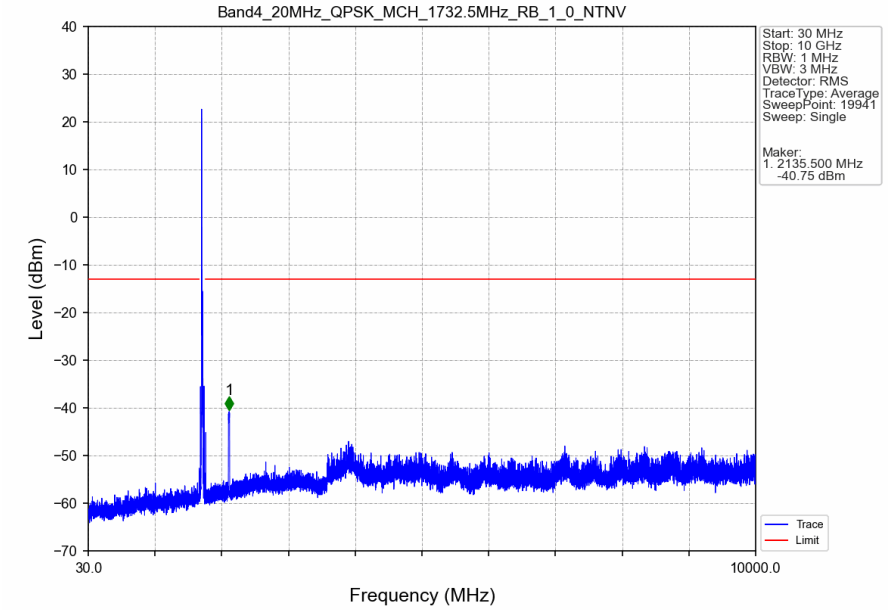


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

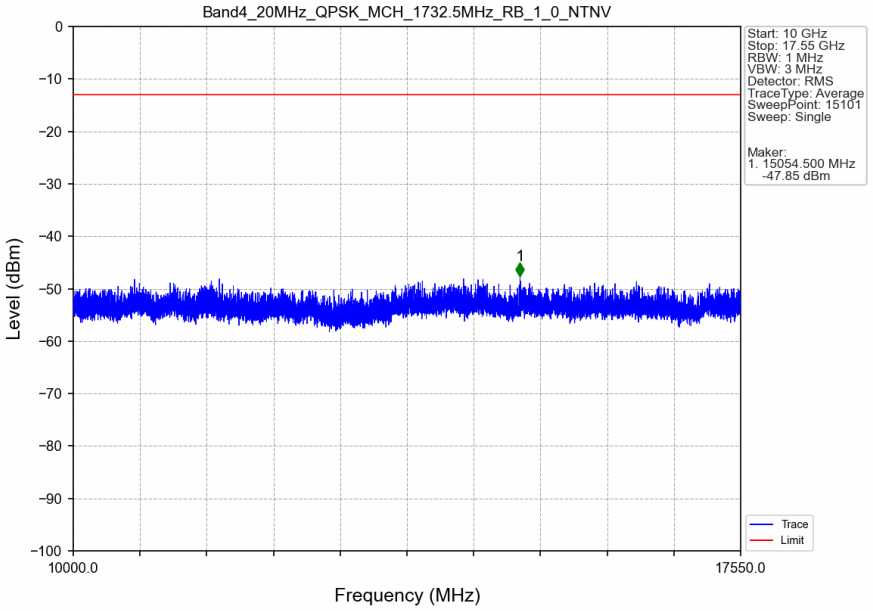


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-32.71	-13	Pass
1709	1710	0.205	CHP	2	1709.960	-36.21	-13	Pass
1710	1730	0.205	CHP	/	/	/	/	/

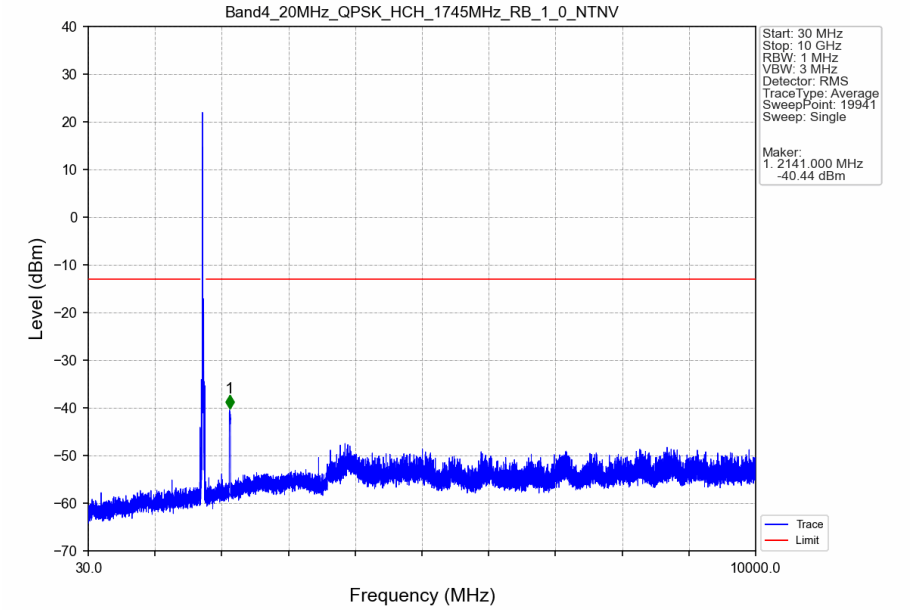
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



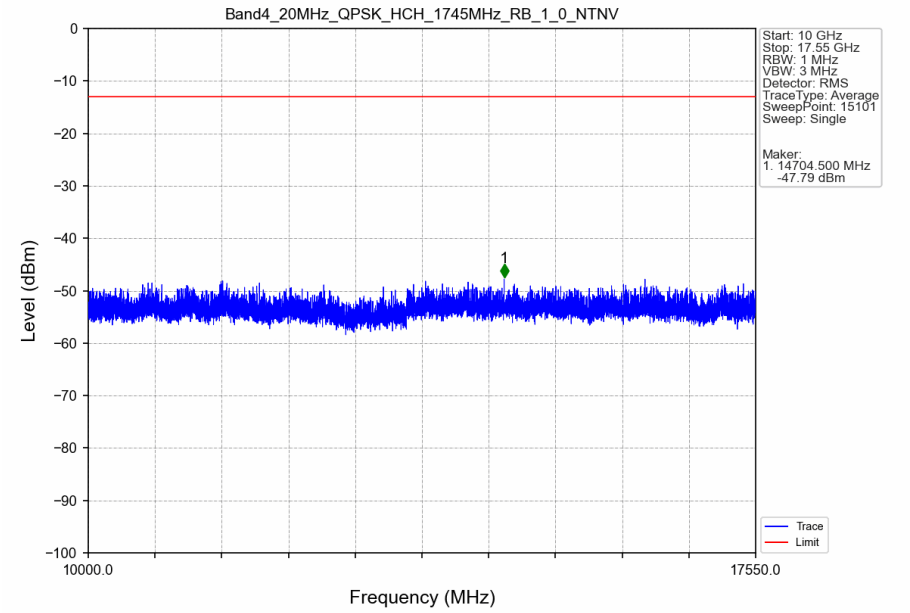
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



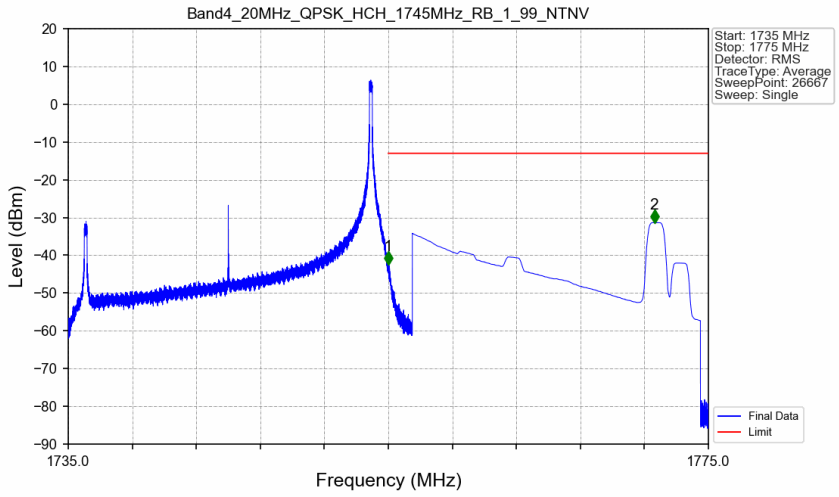
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

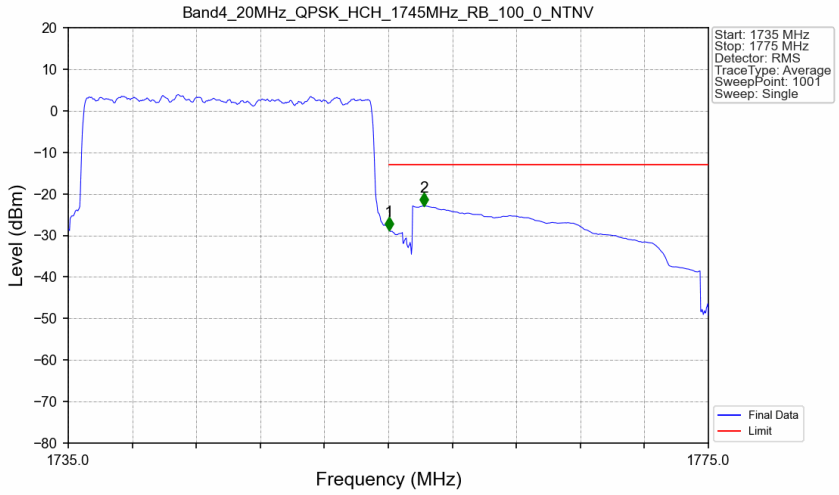


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



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	1755.002	-42.40	-13	Pass
1756	1775	1	CHP	2	1771.628	-31.35	-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	0.205	CHP	/	/	/	/	/
1755	1756	0.205	CHP	1	1755.040	-28.77	-13	Pass
1756	1775	1	CHP	2	1757.240	-22.88	-13	Pass