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	23.79	0.85	24.64	<=30	Pass
			2	23.86	0.85	24.71	<=30	Pass
			5	23.58	0.85	24.43	<=30	Pass
		3	0	23.58	0.85	24.43	<=30	Pass
			2	23.31	0.85	24.16	<=30	Pass
			3	23.18	0.85	24.03	<=30	Pass
		6	0	22.62	0.85	23.47	<=30	Pass
	1732.5	1	0	23.37	0.85	24.22	<=30	Pass
			2	23.84	0.85	24.69	<=30	Pass
			5	23.66	0.85	24.51	<=30	Pass
		3	0	23.39	0.85	24.24	<=30	Pass
			2	23.47	0.85	24.32	<=30	Pass
			3	23.44	0.85	24.29	<=30	Pass
		6	0	22.47	0.85	23.32	<=30	Pass
	1754.3	1	0	23.26	0.85	24.11	<=30	Pass
			2	23.56	0.85	24.41	<=30	Pass
			5	23.38	0.85	24.23	<=30	Pass
		3	0	23.27	0.85	24.12	<=30	Pass
			2	23.37	0.85	24.22	<=30	Pass
			3	23.23	0.85	24.08	<=30	Pass
		6	0	22.30	0.85	23.15	<=30	Pass
16QAM	1710.7	1	0	22.48	0.85	23.33	<=30	Pass
			2	22.19	0.85	23.04	<=30	Pass
			5	22.19	0.85	23.04	<=30	Pass
		3	0	22.65	0.85	23.50	<=30	Pass
			2	22.83	0.85	23.68	<=30	Pass
			3	22.61	0.85	23.46	<=30	Pass
		6	0	21.50	0.85	22.35	<=30	Pass
	1732.5	1	0	22.37	0.85	23.22	<=30	Pass
			2	22.36	0.85	23.21	<=30	Pass
			5	22.45	0.85	23.30	<=30	Pass
		3	0	22.15	0.85	23.00	<=30	Pass
			2	22.25	0.85	23.10	<=30	Pass
			3	22.24	0.85	23.09	<=30	Pass
		6	0	21.17	0.85	22.02	<=30	Pass
	1754.3	1	0	21.92	0.85	22.77	<=30	Pass
			2	22.00	0.85	22.85	<=30	Pass
			5	21.89	0.85	22.74	<=30	Pass
		3	0	22.27	0.85	23.12	<=30	Pass
			2	22.17	0.85	23.02	<=30	Pass
			3	22.19	0.85	23.04	<=30	Pass
		6	0	21.27	0.85	22.12	<=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	23.50	0.85	24.35	<=30	Pass
			7	23.52	0.85	24.37	<=30	Pass
			14	23.37	0.85	24.22	<=30	Pass
		8	0	22.53	0.85	23.38	<=30	Pass
			4	22.48	0.85	23.33	<=30	Pass
			7	22.38	0.85	23.23	<=30	Pass
		15	0	22.37	0.85	23.22	<=30	Pass
	1732.5	1	0	23.43	0.85	24.28	<=30	Pass
			7	23.82	0.85	24.67	<=30	Pass
			14	23.49	0.85	24.34	<=30	Pass
		8	0	22.58	0.85	23.43	<=30	Pass
			4	22.48	0.85	23.33	<=30	Pass
			7	22.57	0.85	23.42	<=30	Pass
		15	0	22.59	0.85	23.44	<=30	Pass
	1753.5	1	0	23.12	0.85	23.97	<=30	Pass
			7	23.43	0.85	24.28	<=30	Pass
			14	23.26	0.85	24.11	<=30	Pass
		8	0	22.15	0.85	23.00	<=30	Pass
			4	22.07	0.85	22.92	<=30	Pass
			7	22.29	0.85	23.14	<=30	Pass
		15	0	22.24	0.85	23.09	<=30	Pass
16QAM	1711.5	1	0	22.32	0.85	23.17	<=30	Pass
			7	22.34	0.85	23.19	<=30	Pass
			14	22.08	0.85	22.93	<=30	Pass
		8	0	21.24	0.85	22.09	<=30	Pass
			4	21.37	0.85	22.22	<=30	Pass
			7	21.29	0.85	22.14	<=30	Pass
		15	0	21.38	0.85	22.23	<=30	Pass
	1732.5	1	0	22.18	0.85	23.03	<=30	Pass
			7	22.19	0.85	23.04	<=30	Pass
			14	22.42	0.85	23.27	<=30	Pass
		8	0	21.27	0.85	22.12	<=30	Pass
			4	21.36	0.85	22.21	<=30	Pass
			7	21.34	0.85	22.19	<=30	Pass
		15	0	21.42	0.85	22.27	<=30	Pass
	1753.5	1	0	21.83	0.85	22.68	<=30	Pass
			7	21.75	0.85	22.60	<=30	Pass
			14	21.81	0.85	22.66	<=30	Pass
		8	0	21.18	0.85	22.03	<=30	Pass
			4	21.16	0.85	22.01	<=30	Pass
			7	21.13	0.85	21.98	<=30	Pass
		15	0	20.98	0.85	21.83	<=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	23.45	0.85	24.30	<=30	Pass
			13	23.44	0.85	24.29	<=30	Pass
			24	23.46	0.85	24.31	<=30	Pass
		12	0	22.54	0.85	23.39	<=30	Pass
			6	22.48	0.85	23.33	<=30	Pass
			13	22.42	0.85	23.27	<=30	Pass
		25	0	22.49	0.85	23.34	<=30	Pass
	1732.5	1	0	23.28	0.85	24.13	<=30	Pass
			13	23.73	0.85	24.58	<=30	Pass
			24	23.49	0.85	24.34	<=30	Pass
		12	0	22.51	0.85	23.36	<=30	Pass
			6	22.51	0.85	23.36	<=30	Pass
			13	22.50	0.85	23.35	<=30	Pass
		25	0	22.56	0.85	23.41	<=30	Pass
	1752.5	1	0	23.19	0.85	24.04	<=30	Pass
			13	23.50	0.85	24.35	<=30	Pass
			24	23.41	0.85	24.26	<=30	Pass
		12	0	22.25	0.85	23.10	<=30	Pass
			6	22.30	0.85	23.15	<=30	Pass
			13	22.31	0.85	23.16	<=30	Pass
		25	0	22.33	0.85	23.18	<=30	Pass
16QAM	1712.5	1	0	22.77	0.85	23.62	<=30	Pass
			13	22.34	0.85	23.19	<=30	Pass
			24	21.85	0.85	22.70	<=30	Pass
		12	0	21.47	0.85	22.32	<=30	Pass
			6	21.61	0.85	22.46	<=30	Pass
			13	21.37	0.85	22.22	<=30	Pass
		25	0	21.22	0.85	22.07	<=30	Pass
	1732.5	1	0	22.40	0.85	23.25	<=30	Pass
			13	22.40	0.85	23.25	<=30	Pass
			24	22.19	0.85	23.04	<=30	Pass
		12	0	21.50	0.85	22.35	<=30	Pass
			6	21.50	0.85	22.35	<=30	Pass
			13	21.45	0.85	22.30	<=30	Pass
		25	0	21.37	0.85	22.22	<=30	Pass
	1752.5	1	0	22.03	0.85	22.88	<=30	Pass
			13	22.06	0.85	22.91	<=30	Pass
			24	21.89	0.85	22.74	<=30	Pass
		12	0	20.97	0.85	21.82	<=30	Pass
			6	21.04	0.85	21.89	<=30	Pass
			13	21.15	0.85	22.00	<=30	Pass
		25	0	21.28	0.85	22.13	<=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	0.85	24.30	<=30	Pass
			25	23.82	0.85	24.67	<=30	Pass
			49	23.39	0.85	24.24	<=30	Pass
		25	0	22.54	0.85	23.39	<=30	Pass
			13	22.23	0.85	23.08	<=30	Pass
			25	22.39	0.85	23.24	<=30	Pass
		50	0	22.44	0.85	23.29	<=30	Pass
	1732.5	1	0	23.49	0.85	24.34	<=30	Pass
			25	23.99	0.85	24.84	<=30	Pass
			49	23.48	0.85	24.33	<=30	Pass
		25	0	22.45	0.85	23.30	<=30	Pass
			13	22.56	0.85	23.41	<=30	Pass
			25	22.43	0.85	23.28	<=30	Pass
		50	0	22.43	0.85	23.28	<=30	Pass
	1750	1	0	23.32	0.85	24.17	<=30	Pass
			25	23.60	0.85	24.45	<=30	Pass
			49	23.44	0.85	24.29	<=30	Pass
		25	0	22.28	0.85	23.13	<=30	Pass
			13	22.24	0.85	23.09	<=30	Pass
			25	22.14	0.85	22.99	<=30	Pass
		50	0	22.24	0.85	23.09	<=30	Pass
16QAM	1715	1	0	22.21	0.85	23.06	<=30	Pass
			25	22.34	0.85	23.19	<=30	Pass
			49	21.94	0.85	22.79	<=30	Pass
		25	0	21.56	0.85	22.41	<=30	Pass
			13	21.19	0.85	22.04	<=30	Pass
			25	21.41	0.85	22.26	<=30	Pass
		50	0	21.55	0.85	22.40	<=30	Pass
	1732.5	1	0	22.22	0.85	23.07	<=30	Pass
			25	21.84	0.85	22.69	<=30	Pass
			49	21.93	0.85	22.78	<=30	Pass
		25	0	21.33	0.85	22.18	<=30	Pass
			13	21.15	0.85	22.00	<=30	Pass
			25	21.57	0.85	22.42	<=30	Pass
		50	0	21.33	0.85	22.18	<=30	Pass
	1750	1	0	22.13	0.85	22.98	<=30	Pass
			25	21.95	0.85	22.80	<=30	Pass
			49	22.00	0.85	22.85	<=30	Pass
		25	0	20.98	0.85	21.83	<=30	Pass
			13	21.12	0.85	21.97	<=30	Pass
			25	21.27	0.85	22.12	<=30	Pass
		50	0	21.27	0.85	22.12	<=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	23.59	0.85	24.44	<=30	Pass
			38	23.62	0.85	24.47	<=30	Pass
			74	23.46	0.85	24.31	<=30	Pass
		36	0	22.50	0.85	23.35	<=30	Pass
			18	22.52	0.85	23.37	<=30	Pass
			39	22.41	0.85	23.26	<=30	Pass
		75	0	22.52	0.85	23.37	<=30	Pass
	1732.5	1	0	23.23	0.85	24.08	<=30	Pass
			38	23.64	0.85	24.49	<=30	Pass
			74	23.37	0.85	24.22	<=30	Pass
		36	0	22.35	0.85	23.20	<=30	Pass
			18	22.57	0.85	23.42	<=30	Pass
			39	22.49	0.85	23.34	<=30	Pass
		75	0	22.47	0.85	23.32	<=30	Pass
	1747.5	1	0	23.17	0.85	24.02	<=30	Pass
			38	23.52	0.85	24.37	<=30	Pass
			74	23.40	0.85	24.25	<=30	Pass
		36	0	22.43	0.85	23.28	<=30	Pass
			18	22.14	0.85	22.99	<=30	Pass
			39	22.17	0.85	23.02	<=30	Pass
		75	0	22.21	0.85	23.06	<=30	Pass
16QAM	1717.5	1	0	22.00	0.85	22.85	<=30	Pass
			38	22.07	0.85	22.92	<=30	Pass
			74	22.04	0.85	22.89	<=30	Pass
		36	0	21.46	0.85	22.31	<=30	Pass
			18	21.59	0.85	22.44	<=30	Pass
			39	21.34	0.85	22.19	<=30	Pass
		75	0	21.41	0.85	22.26	<=30	Pass
	1732.5	1	0	21.77	0.85	22.62	<=30	Pass
			38	22.40	0.85	23.25	<=30	Pass
			74	21.85	0.85	22.70	<=30	Pass
		36	0	21.30	0.85	22.15	<=30	Pass
			18	21.20	0.85	22.05	<=30	Pass
			39	21.38	0.85	22.23	<=30	Pass
		75	0	21.46	0.85	22.31	<=30	Pass
	1747.5	1	0	22.21	0.85	23.06	<=30	Pass
			38	22.02	0.85	22.87	<=30	Pass
			74	21.99	0.85	22.84	<=30	Pass
		36	0	21.35	0.85	22.20	<=30	Pass
			18	21.26	0.85	22.11	<=30	Pass
			39	21.13	0.85	21.98	<=30	Pass
		75	0	21.32	0.85	22.17	<=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	22.50	0.85	23.35	<=30	Pass
			50	23.85	0.85	24.70	<=30	Pass
			99	23.38	0.85	24.23	<=30	Pass
		50	0	22.57	0.85	23.42	<=30	Pass
			25	22.48	0.85	23.33	<=30	Pass
			50	22.50	0.85	23.35	<=30	Pass
		100	0	22.53	0.85	23.38	<=30	Pass
	1732.5	1	0	22.75	0.85	23.60	<=30	Pass
			50	23.85	0.85	24.70	<=30	Pass
			99	23.42	0.85	24.27	<=30	Pass
		50	0	22.43	0.85	23.28	<=30	Pass
			25	22.58	0.85	23.43	<=30	Pass
			50	22.49	0.85	23.34	<=30	Pass
		100	0	22.47	0.85	23.32	<=30	Pass
	1745	1	0	22.45	0.85	23.30	<=30	Pass
			50	23.57	0.85	24.42	<=30	Pass
			99	23.24	0.85	24.09	<=30	Pass
		50	0	22.61	0.85	23.46	<=30	Pass
			25	22.46	0.85	23.31	<=30	Pass
			50	22.20	0.85	23.05	<=30	Pass
		100	0	22.38	0.85	23.23	<=30	Pass
16QAM	1720	1	0	22.08	0.85	22.93	<=30	Pass
			50	22.48	0.85	23.33	<=30	Pass
			99	21.86	0.85	22.71	<=30	Pass
		50	0	21.46	0.85	22.31	<=30	Pass
			25	21.55	0.85	22.40	<=30	Pass
			50	21.52	0.85	22.37	<=30	Pass
		100	0	21.34	0.85	22.19	<=30	Pass
	1732.5	1	0	22.15	0.85	23.00	<=30	Pass
			50	22.22	0.85	23.07	<=30	Pass
			99	22.02	0.85	22.87	<=30	Pass
		50	0	21.43	0.85	22.28	<=30	Pass
			25	21.57	0.85	22.42	<=30	Pass
			50	21.44	0.85	22.29	<=30	Pass
		100	0	21.45	0.85	22.30	<=30	Pass
	1745	1	0	21.90	0.85	22.75	<=30	Pass
			50	22.44	0.85	23.29	<=30	Pass
			99	21.94	0.85	22.79	<=30	Pass
		50	0	21.23	0.85	22.08	<=30	Pass
			25	21.51	0.85	22.36	<=30	Pass
			50	21.23	0.85	22.08	<=30	Pass
		100	0	21.40	0.85	22.25	<=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	1.100	0.0006	-2.5 to 2.5	Pass
					NV	1.000	0.0006	-2.5 to 2.5	Pass
					HV	3.200	0.0018	-2.5 to 2.5	Pass
				-30	NV	1.600	0.0009	-2.5 to 2.5	Pass
				-20	NV	2.300	0.0013	-2.5 to 2.5	Pass
				-10	NV	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	NV	0.400	0.0002	-2.5 to 2.5	Pass
				10	NV	1.300	0.0008	-2.5 to 2.5	Pass
				30	NV	2.700	0.0016	-2.5 to 2.5	Pass
				40	NV	0.800	0.0005	-2.5 to 2.5	Pass
				50	NV	1.600	0.0009	-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	1.115	/	Pass
	16QAM	1732.5	6	0	1.116	/	Pass
3	QPSK	1732.5	15	0	2.730	/	Pass
	16QAM	1732.5	15	0	2.731	/	Pass
5	QPSK	1732.5	25	0	4.542	/	Pass
	16QAM	1732.5	25	0	4.524	/	Pass
10	QPSK	1732.5	50	0	9.056	/	Pass
	16QAM	1732.5	50	0	9.032	/	Pass
15	QPSK	1732.5	75	0	13.523	/	Pass
	16QAM	1732.5	75	0	13.491	/	Pass
20	QPSK	1732.5	100	0	18.008	/	Pass
	16QAM	1732.5	100	0	18.007	/	Pass

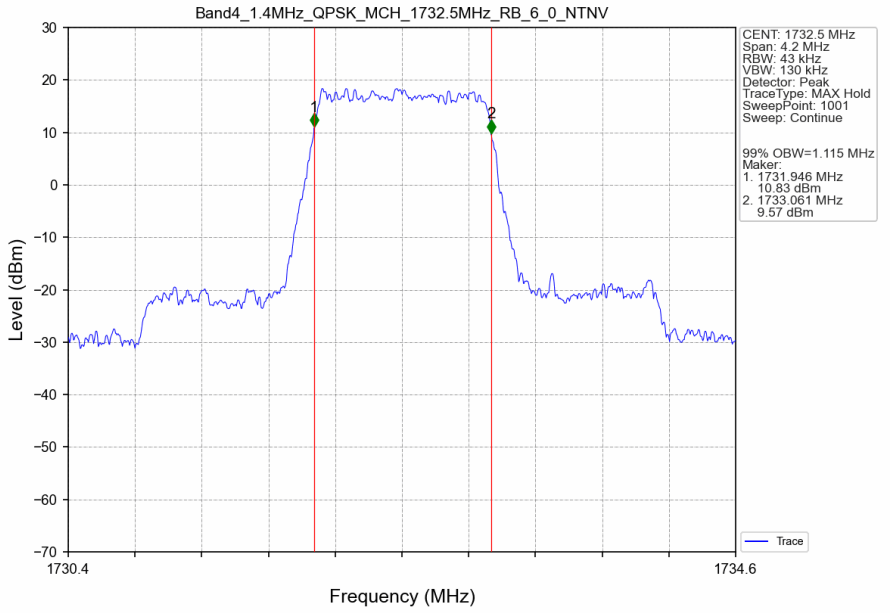
3.1.2 Band4_XDB

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	1.336	/	Pass
	16QAM	1732.5	6	0	1.303	/	Pass
3	QPSK	1732.5	15	0	3.042	/	Pass
	16QAM	1732.5	15	0	3.039	/	Pass
5	QPSK	1732.5	25	0	5.082	/	Pass
	16QAM	1732.5	25	0	5.059	/	Pass
10	QPSK	1732.5	50	0	10.034	/	Pass
	16QAM	1732.5	50	0	9.951	/	Pass
15	QPSK	1732.5	75	0	14.993	/	Pass
	16QAM	1732.5	75	0	14.997	/	Pass
20	QPSK	1732.5	100	0	19.929	/	Pass
	16QAM	1732.5	100	0	19.805	/	Pass

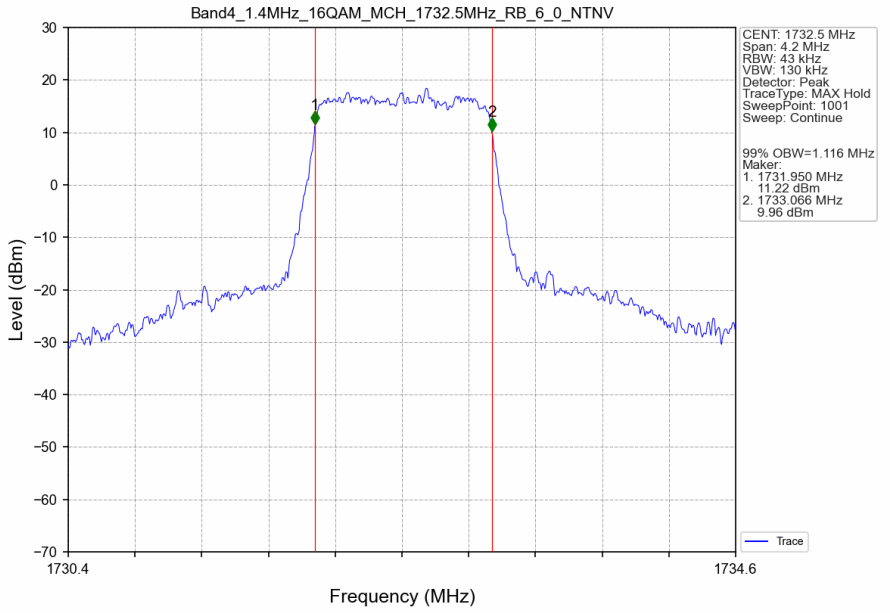
3.2 Test Graph

3.2.1 Band4_OBW

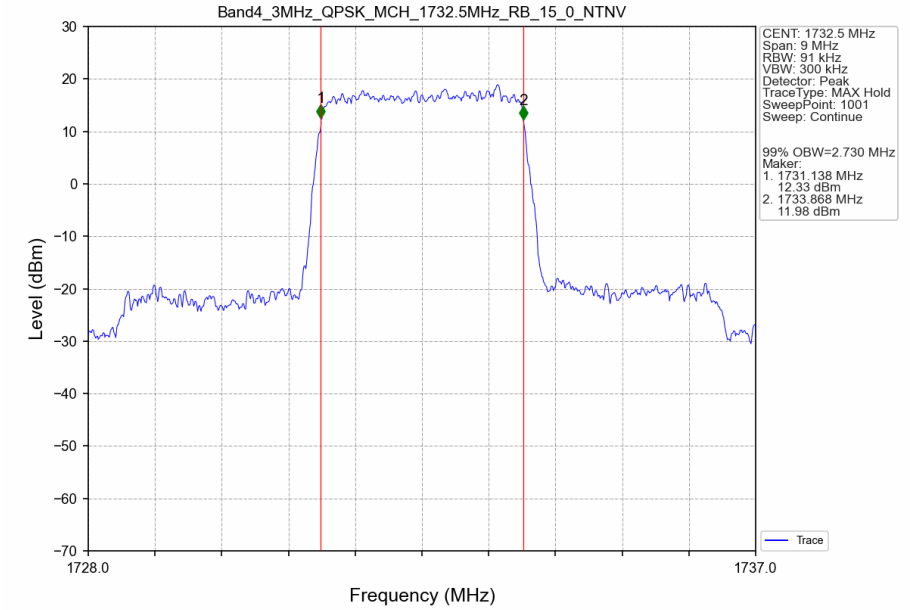
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



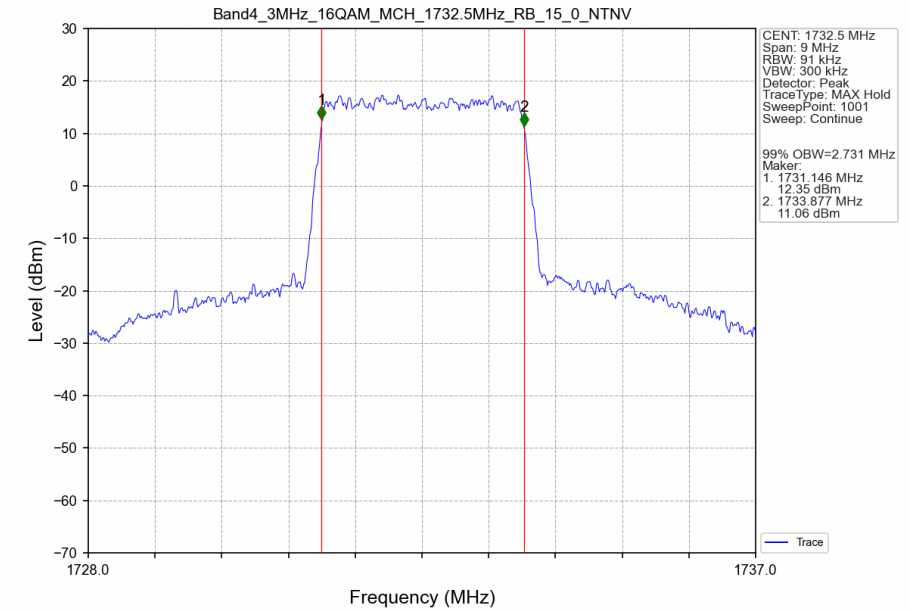
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



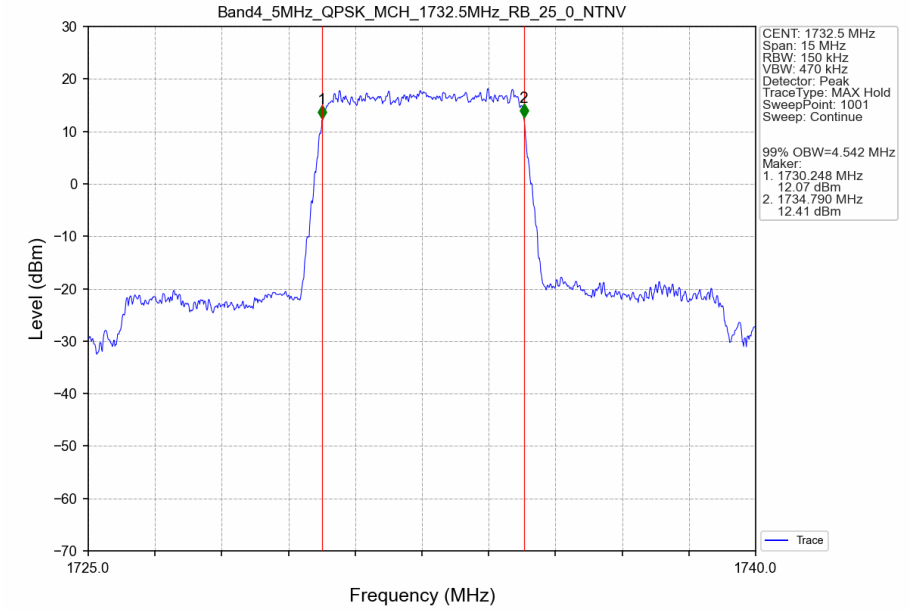
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



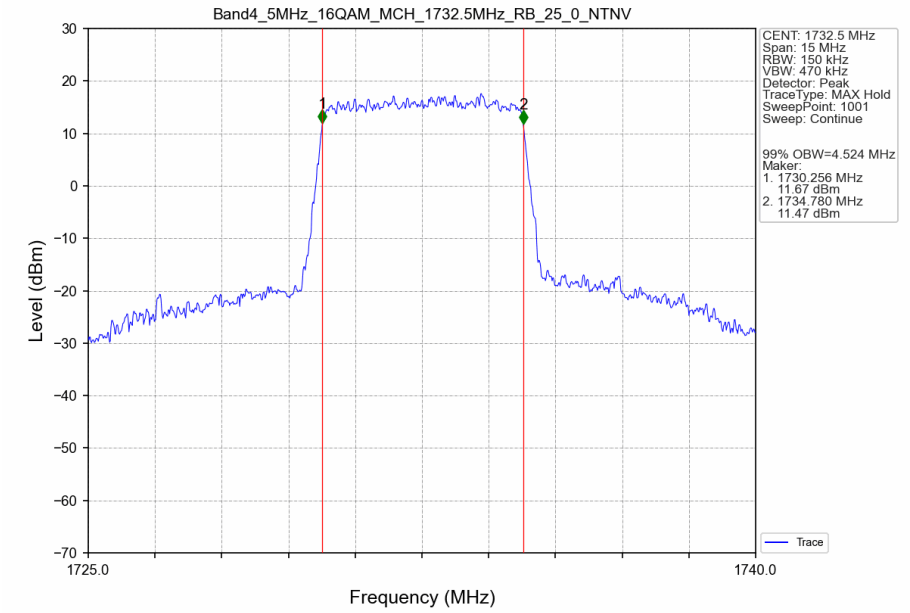
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



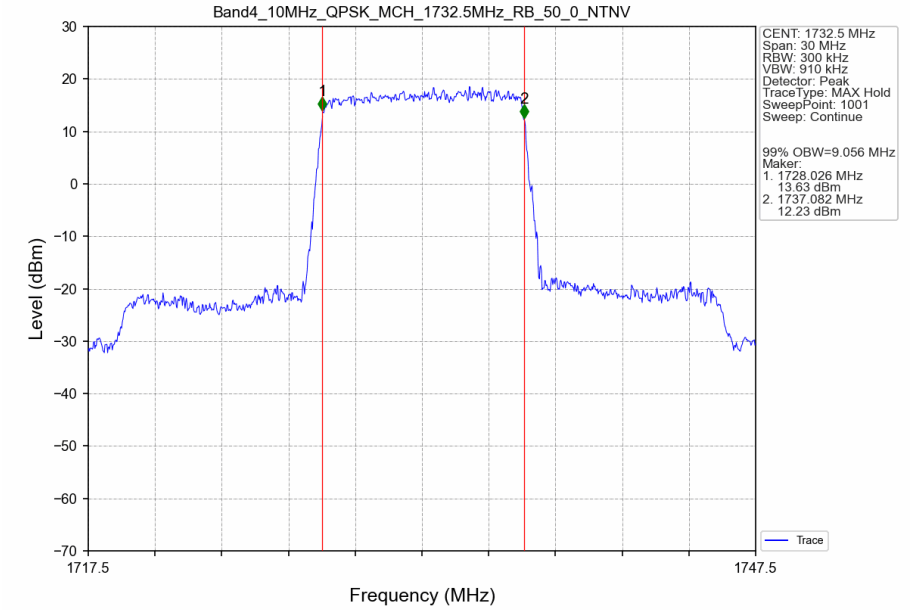
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



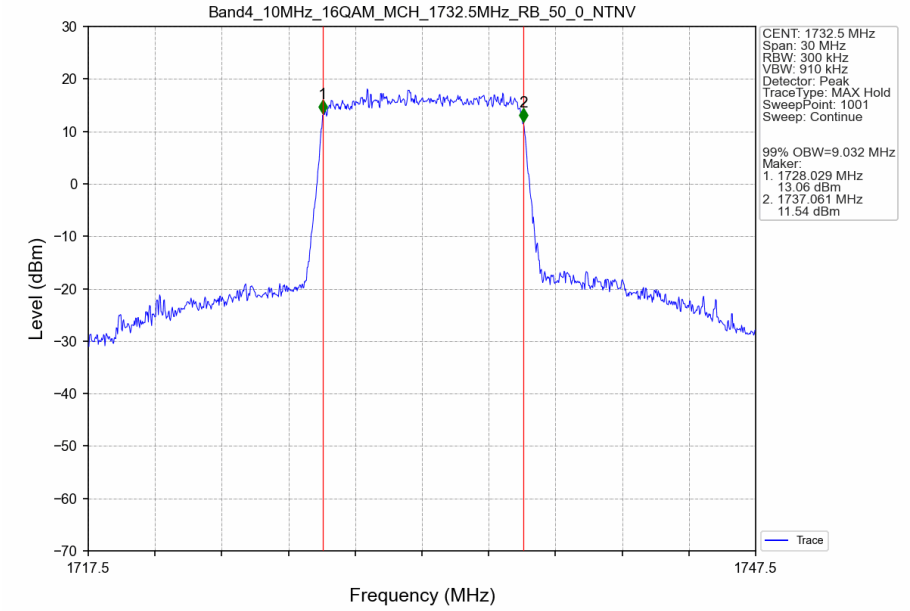
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



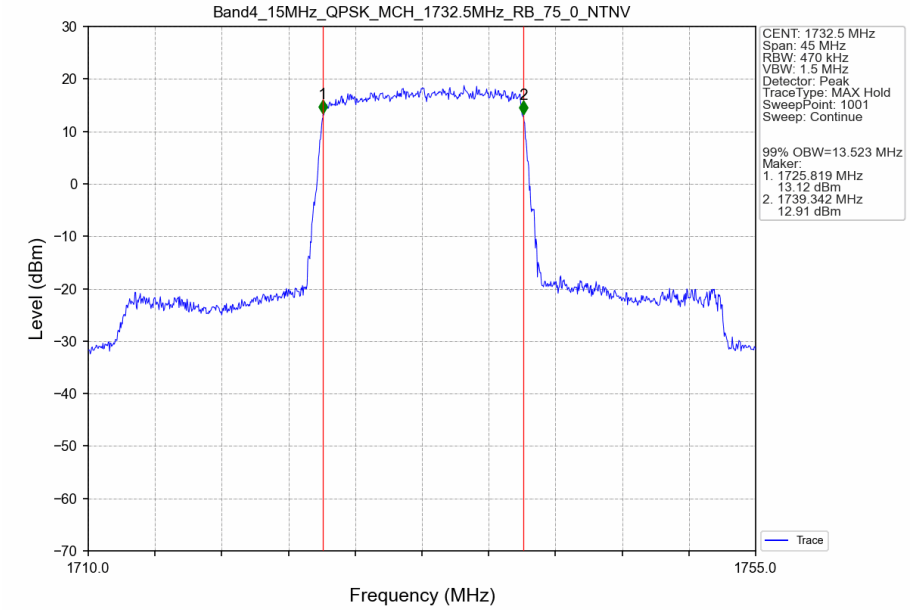
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



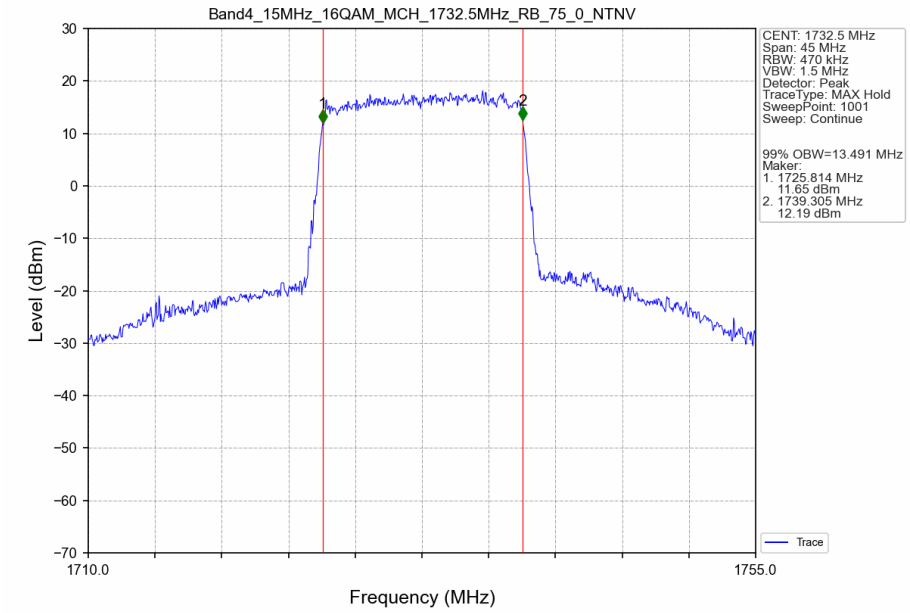
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



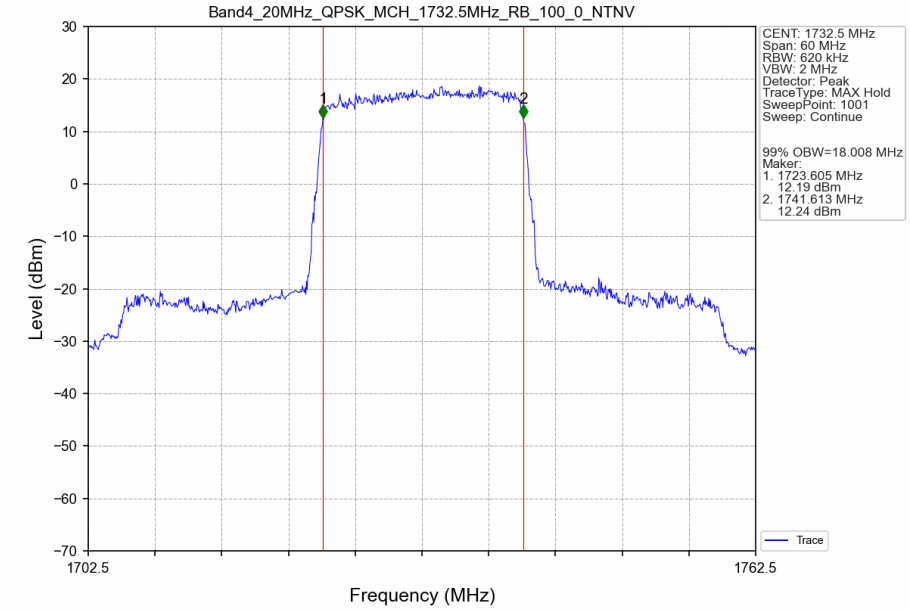
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



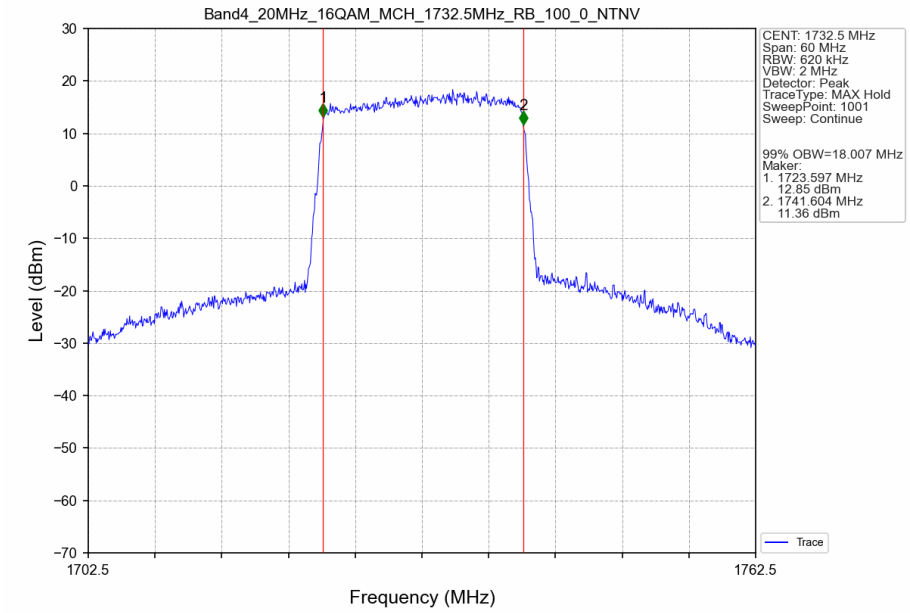
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

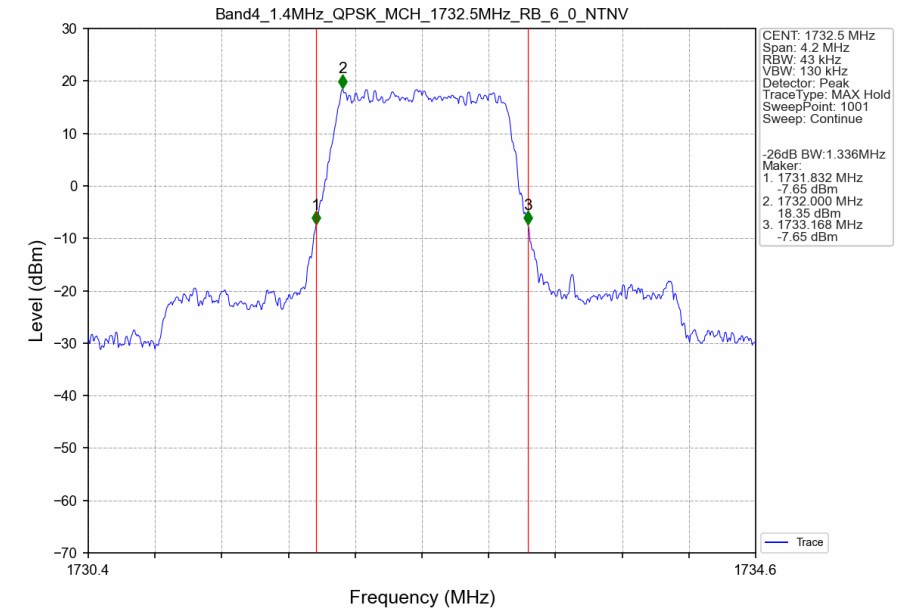


Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

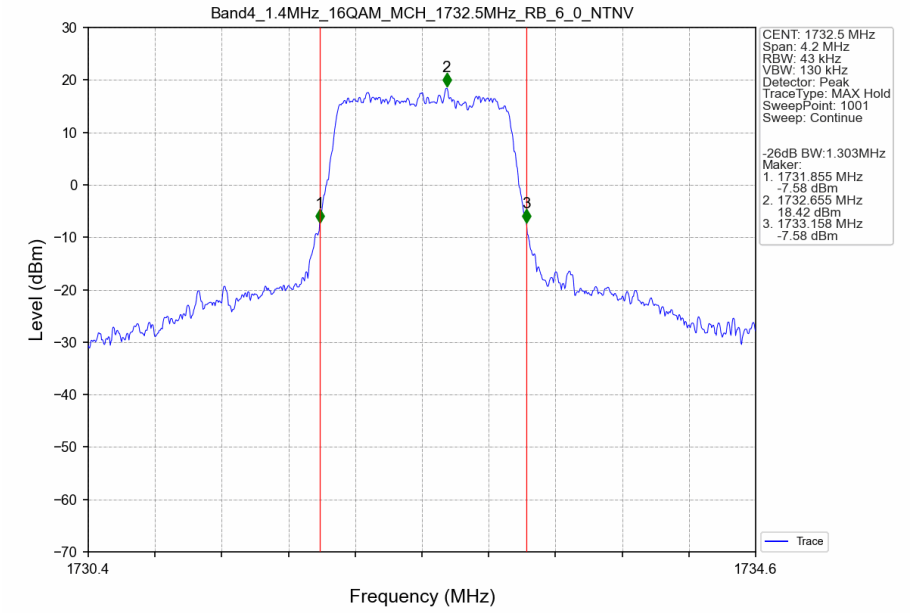


3.2.2 Band4_XDB

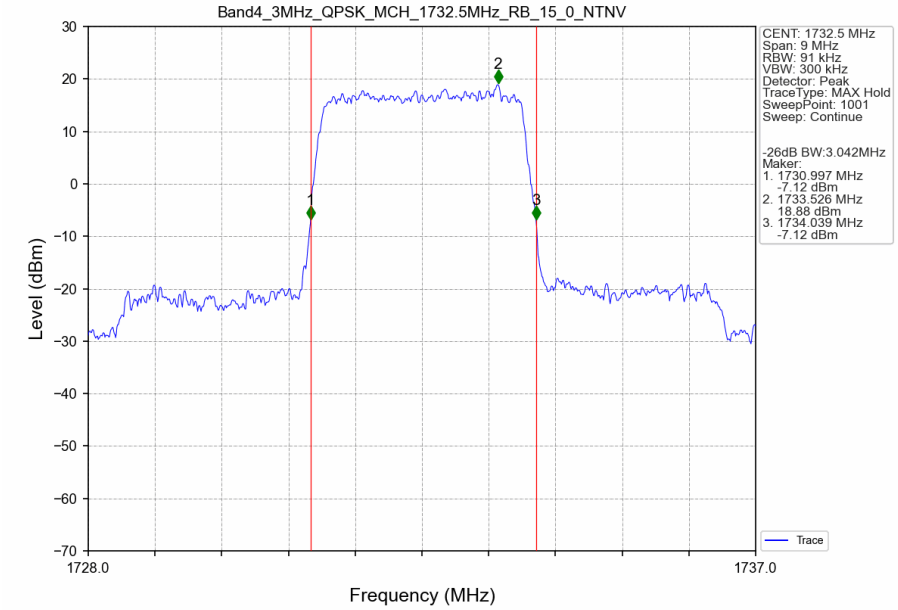
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



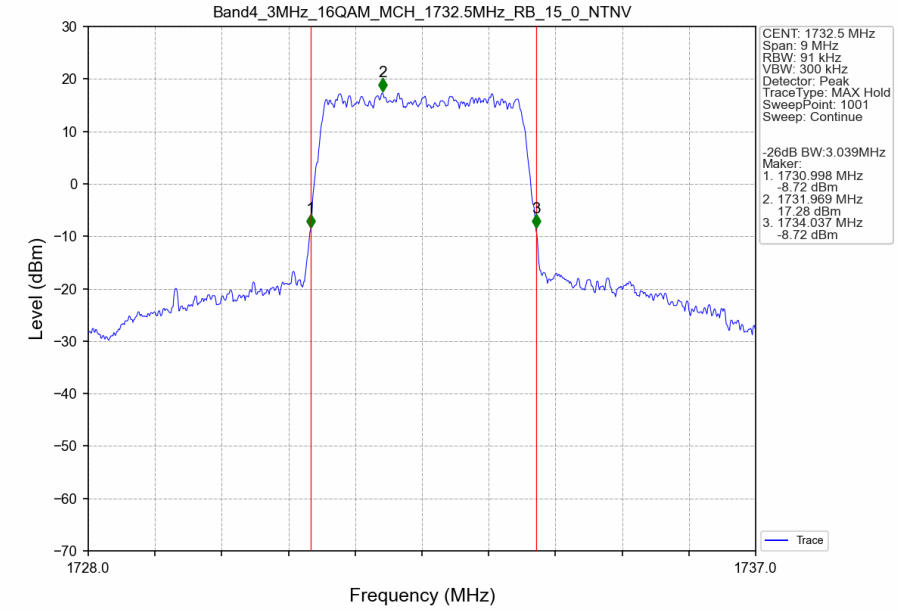
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



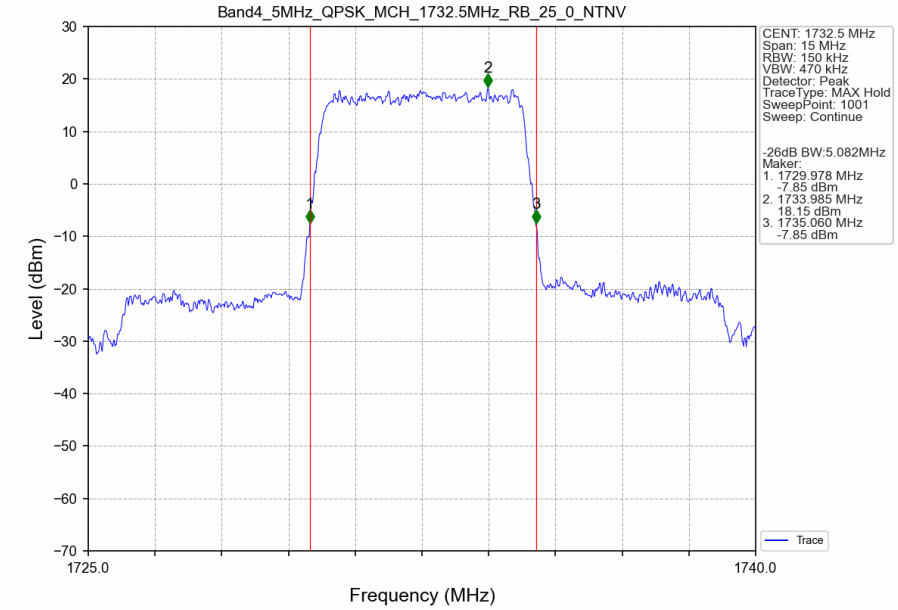
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



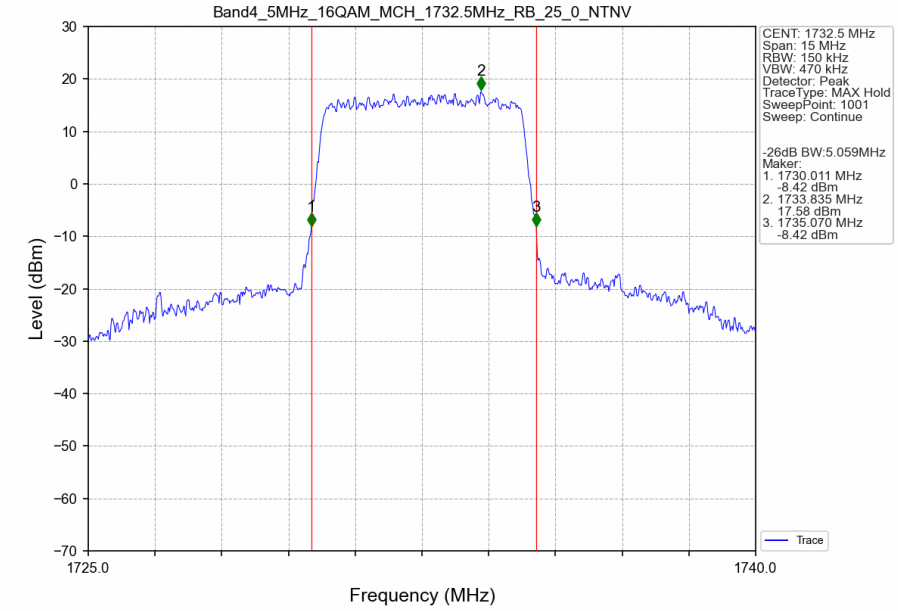
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



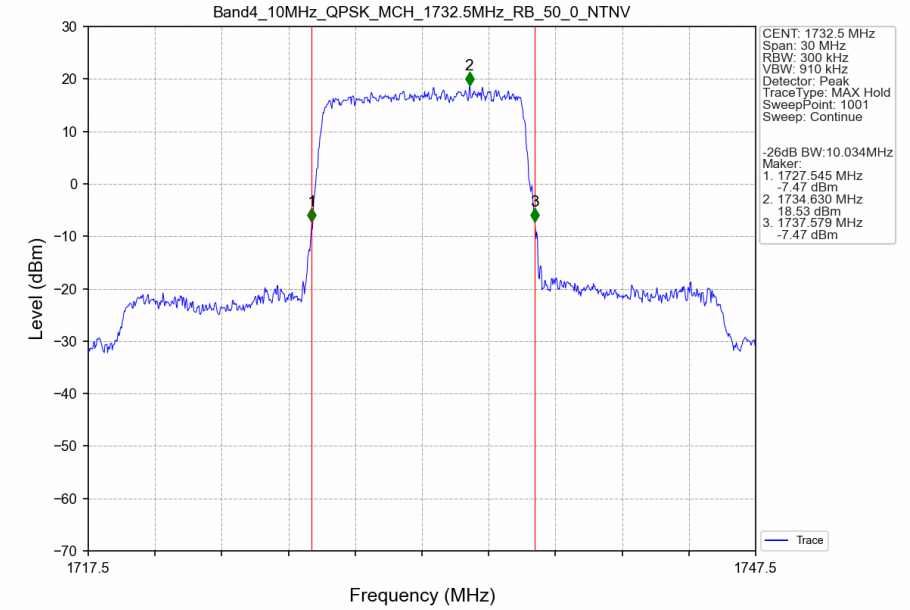
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



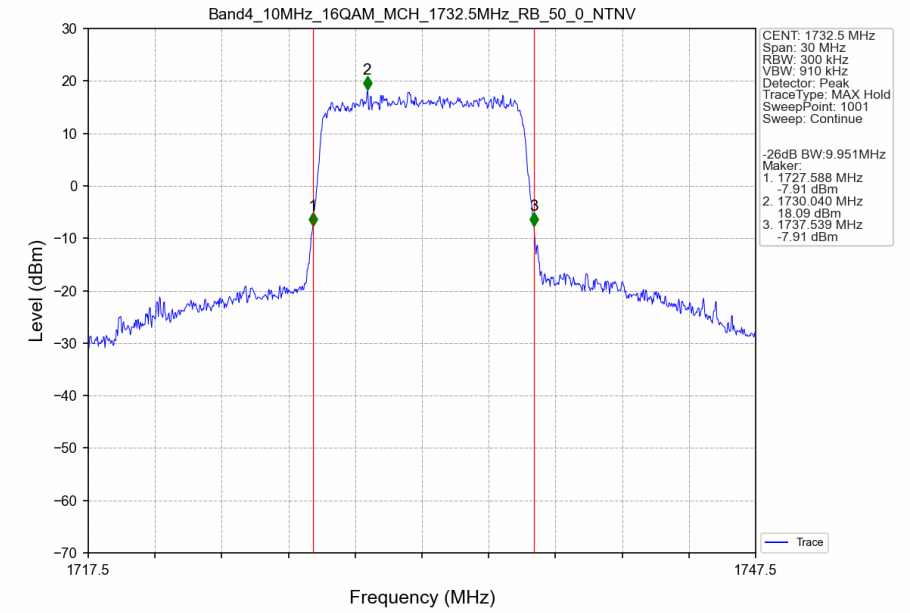
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



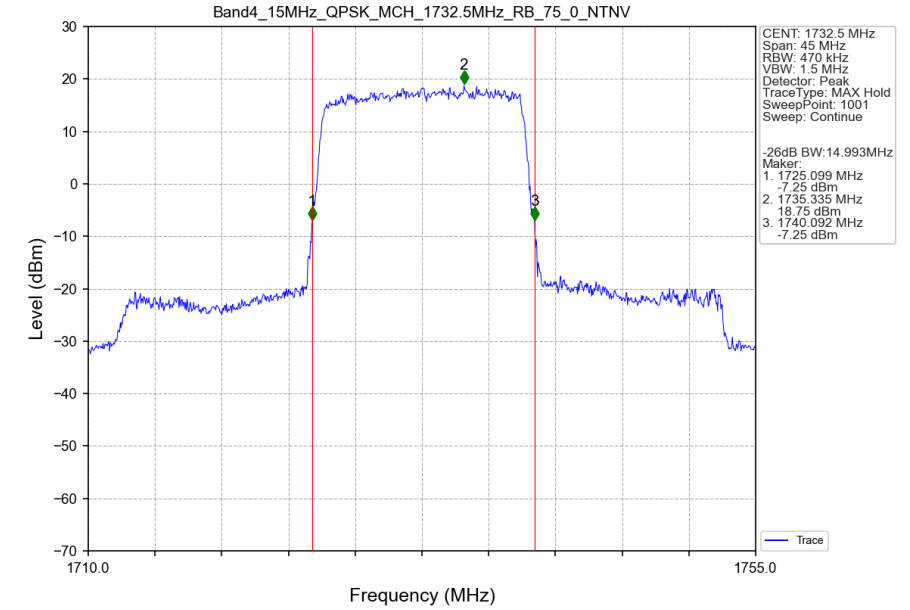
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



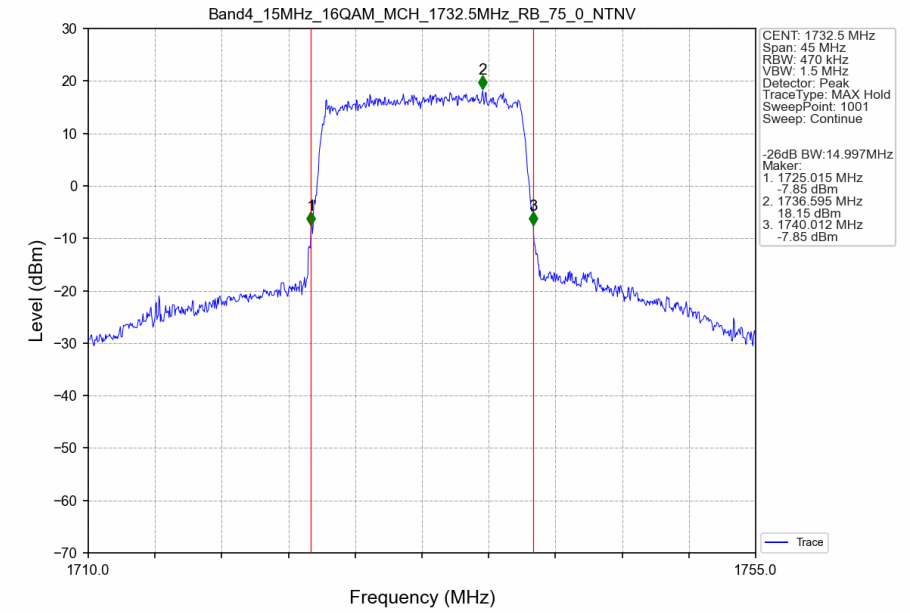
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



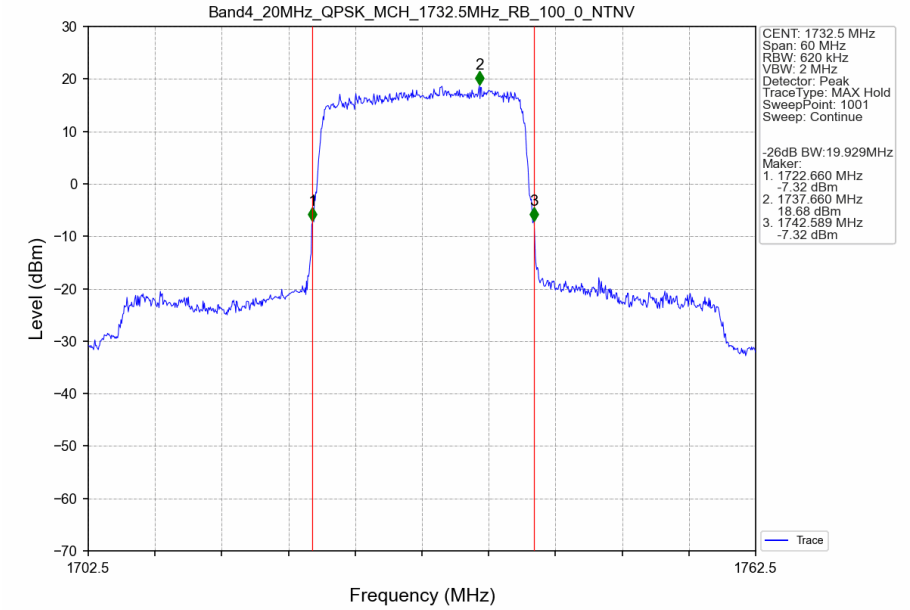
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



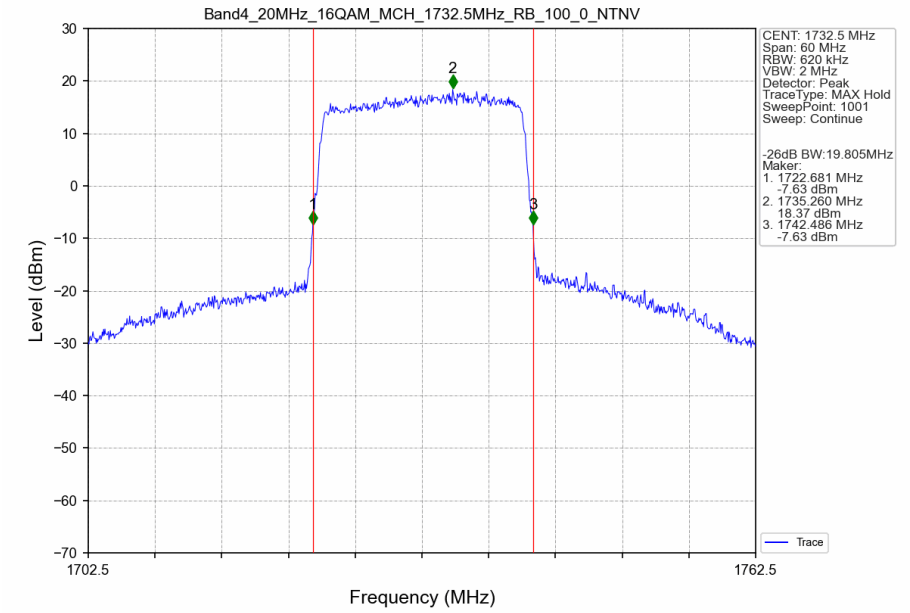
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



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

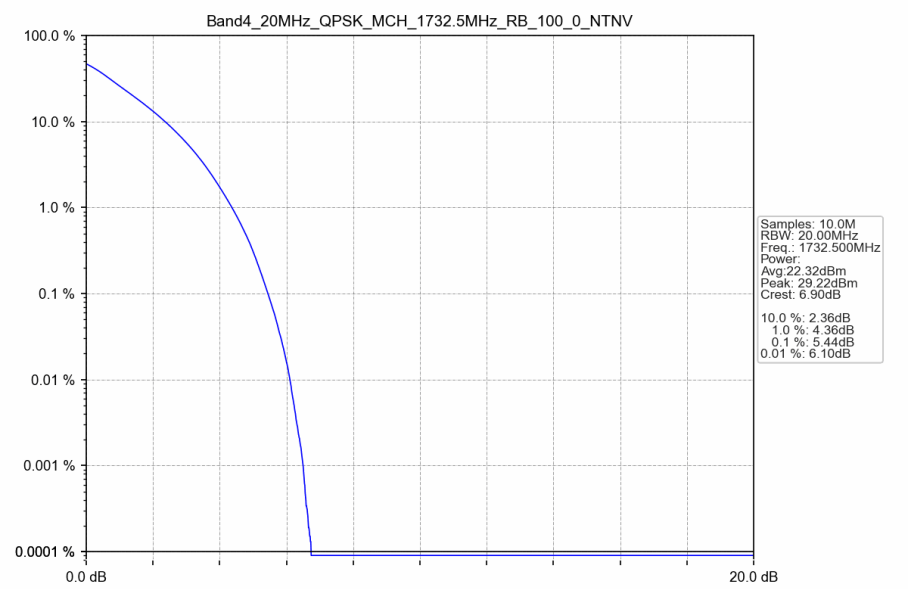
4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.44	<=13	Pass
16QAM	1732.5	100	0	6.19	<=13	Pass

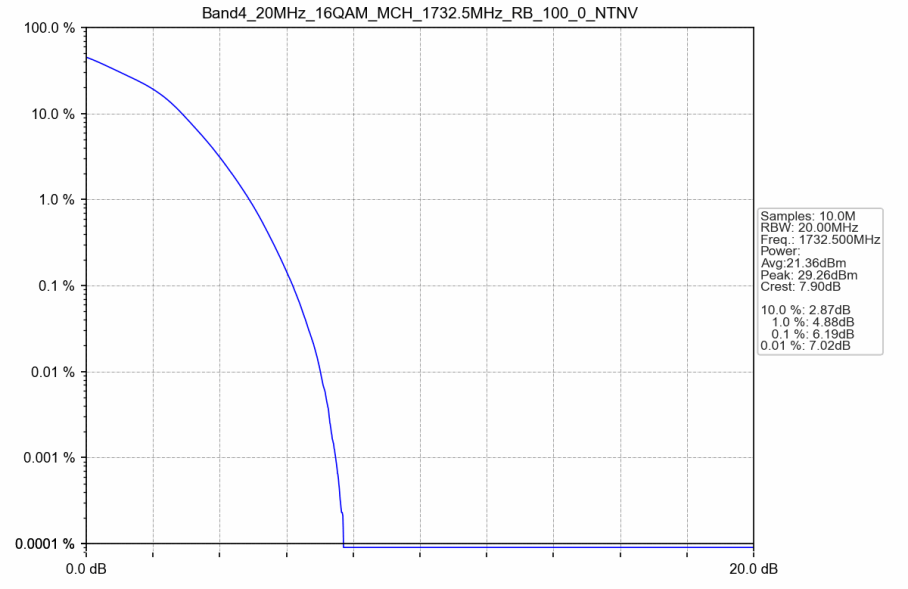
4.2 Test Graph

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

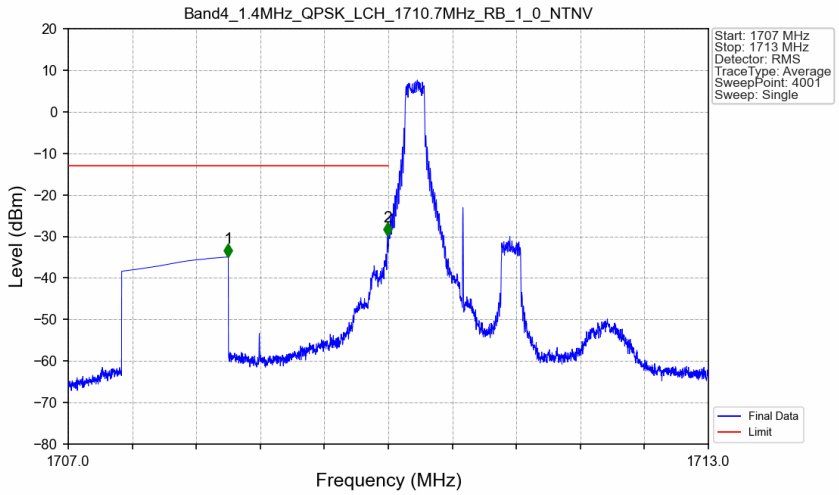
5.1.6 B4_20MHz

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

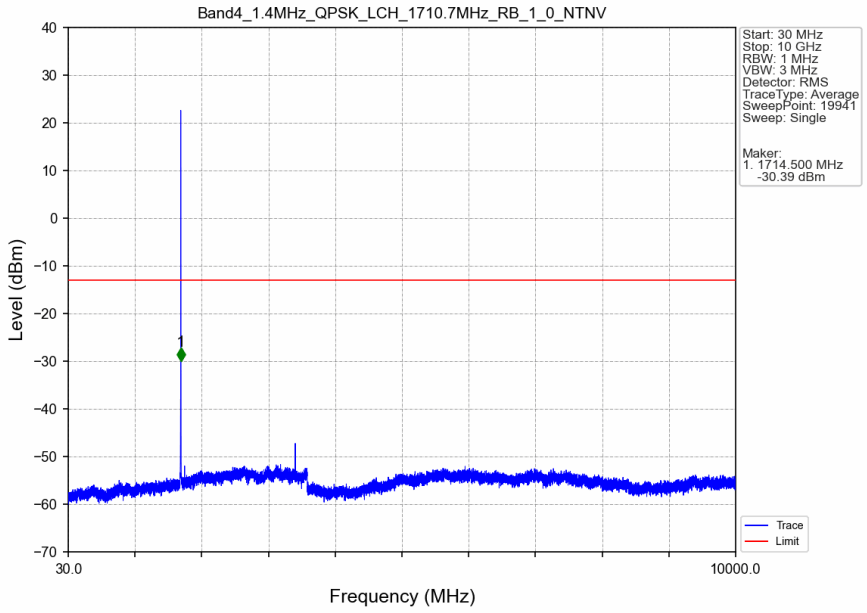
5.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

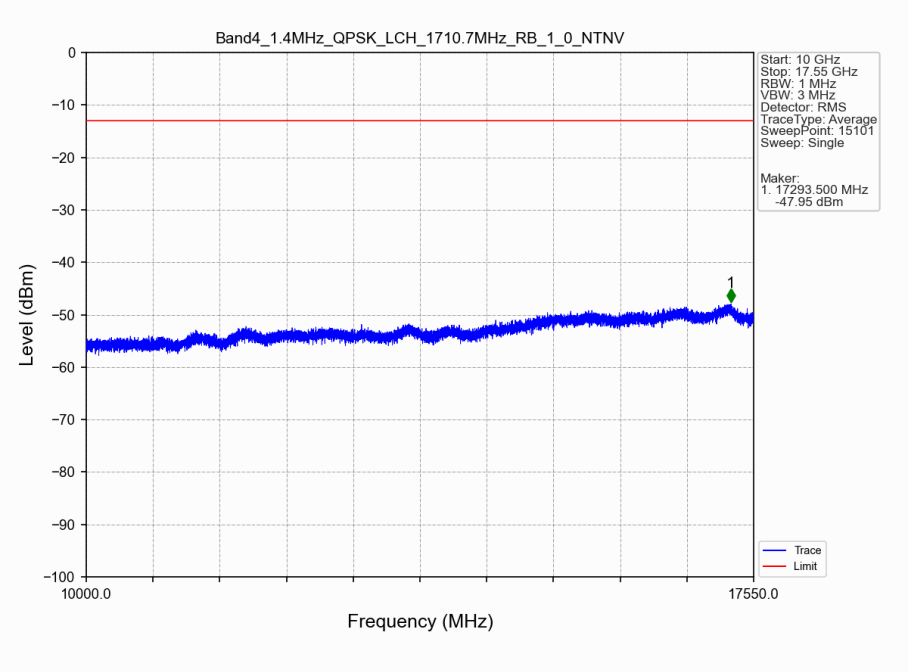


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.497	-34.95	-13	Pass
1709	1710	0.003	/	2	1709.991	-29.83	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

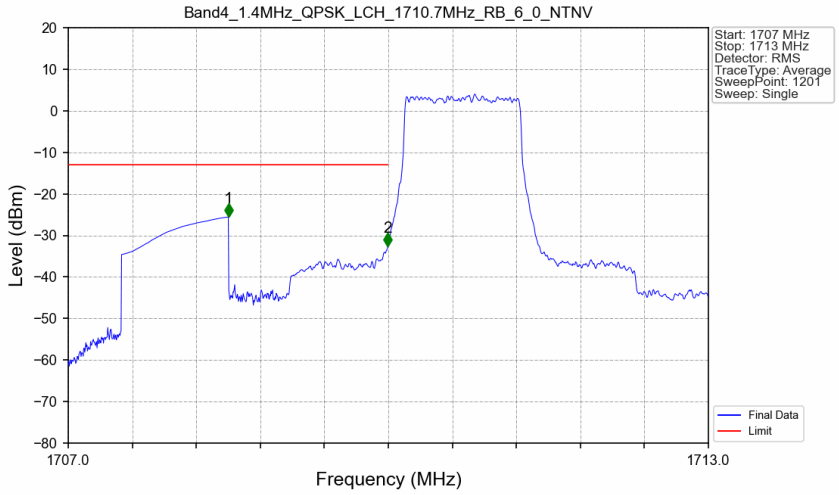
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

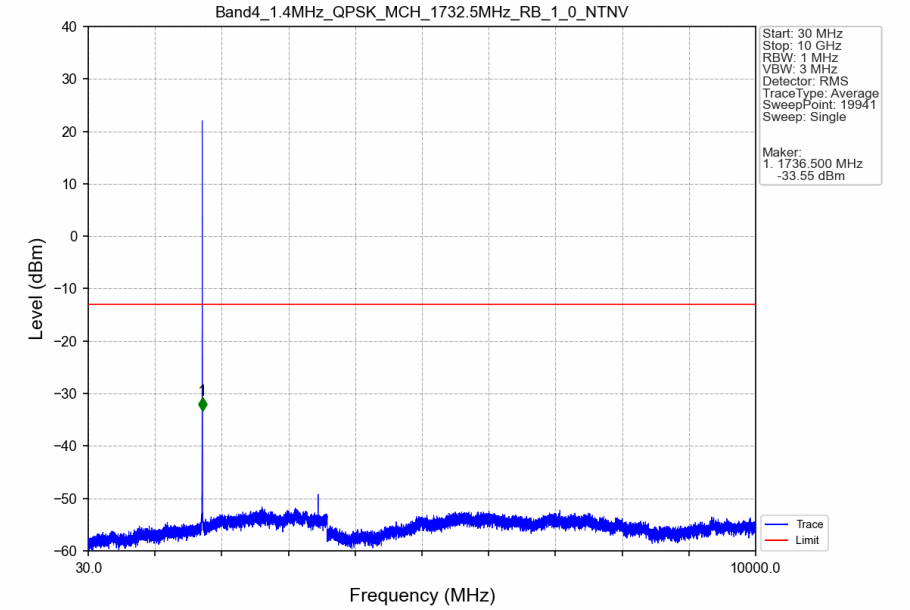


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

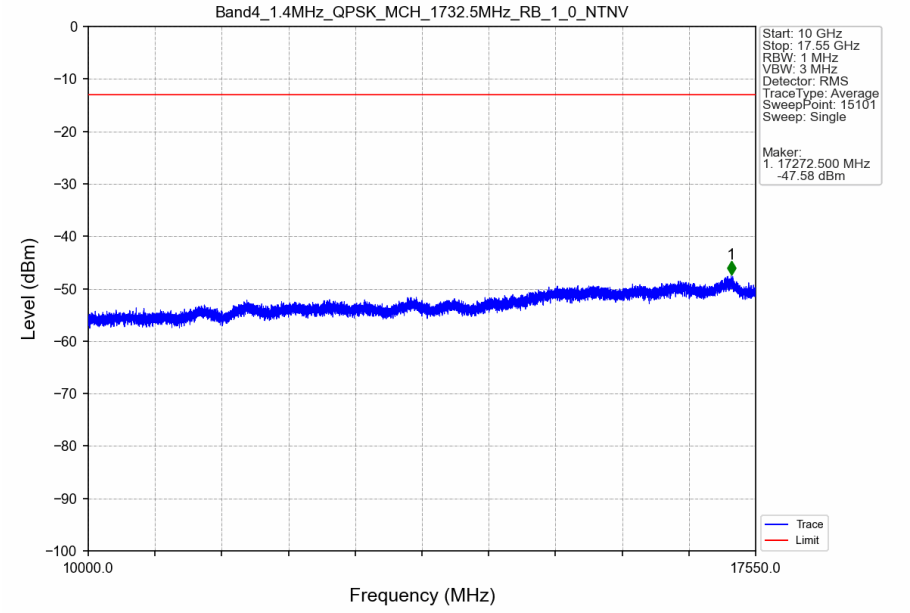


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-25.56	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-32.51	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

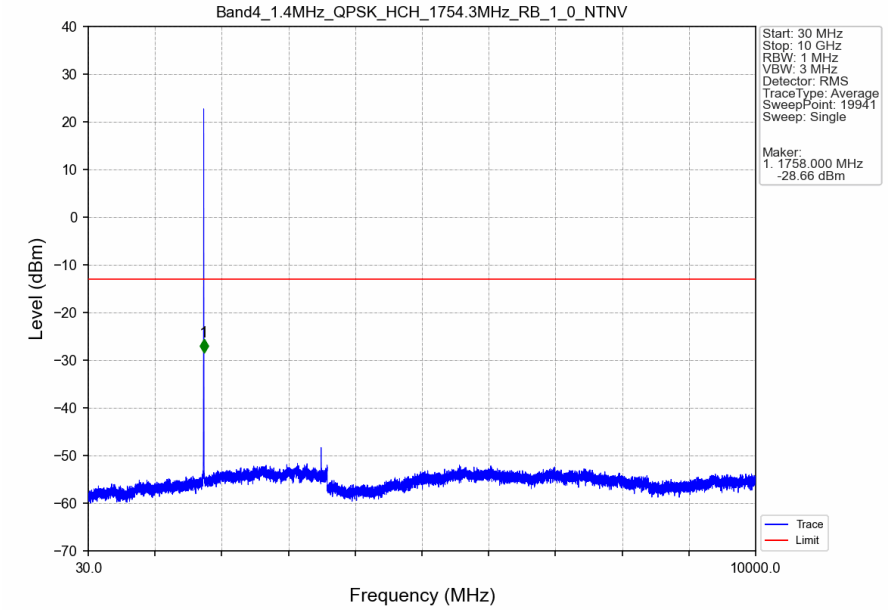
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



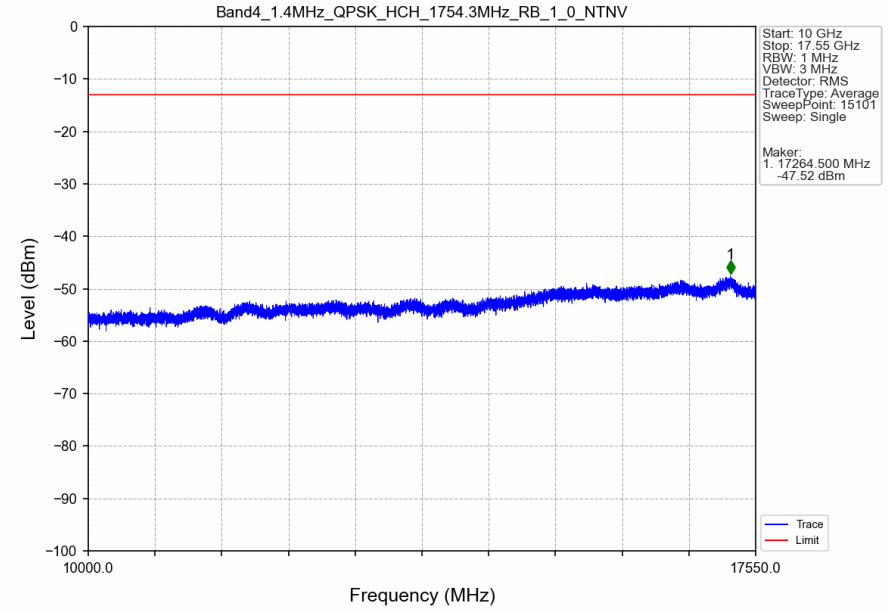
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



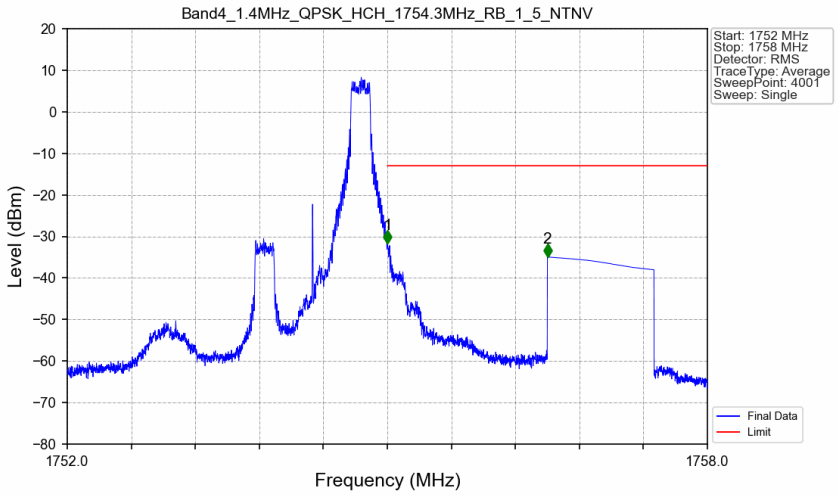
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

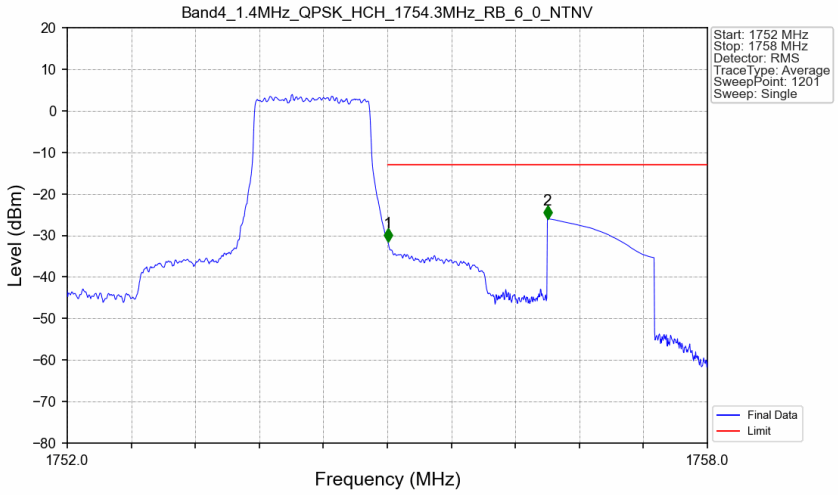


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



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	-31.72	-13	Pass
1756	1758	1	CHP	2	1756.500	-34.95	-13	Pass

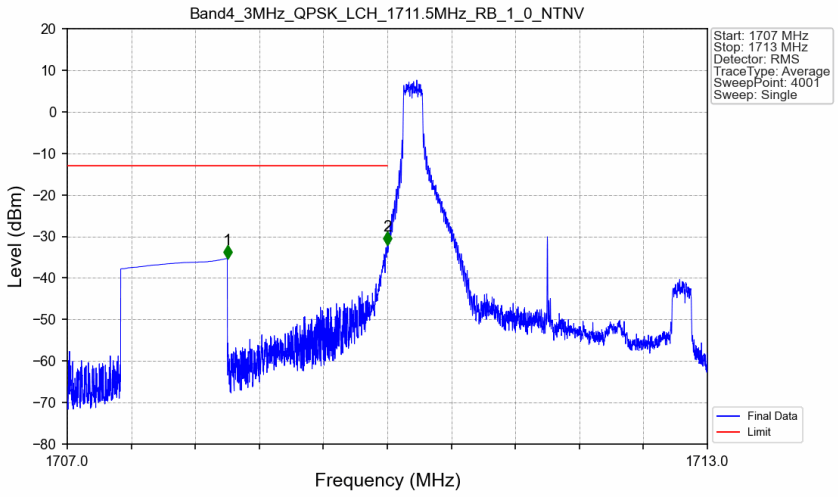
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



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	-31.49	-13	Pass
1756	1758	1	CHP	2	1756.500	-25.96	-13	Pass

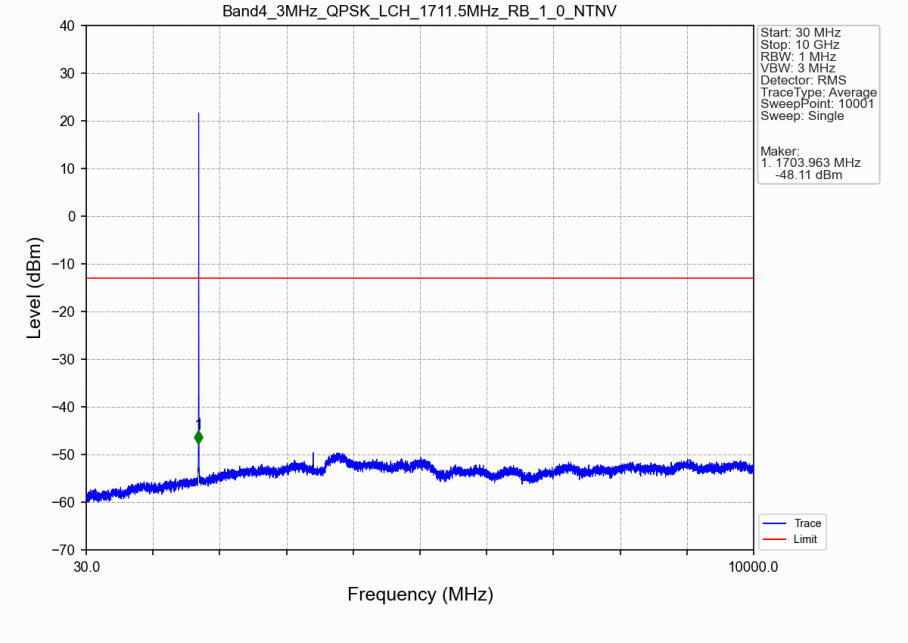
5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

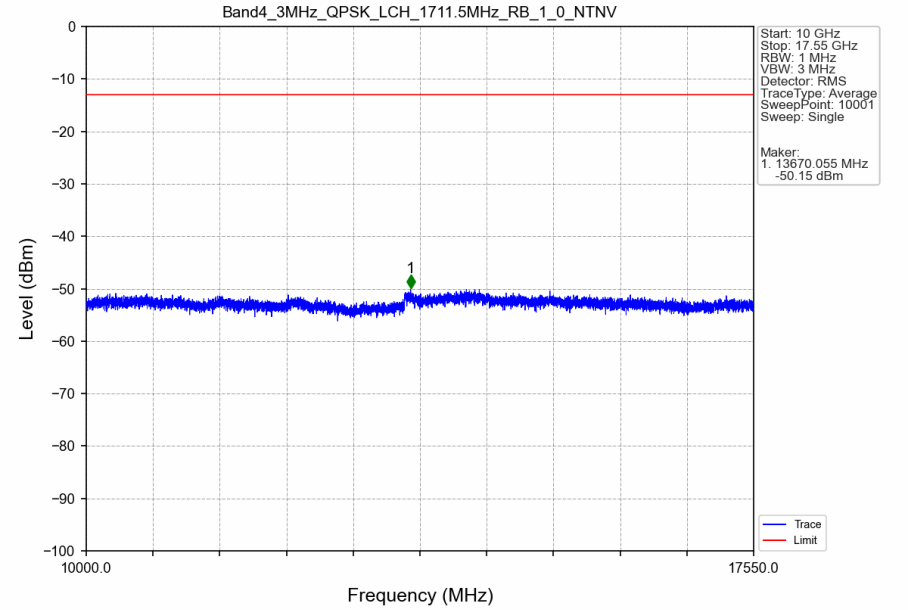


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-35.30	-13	Pass
1709	1710	0.003	/	2	1709.998	-32.11	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

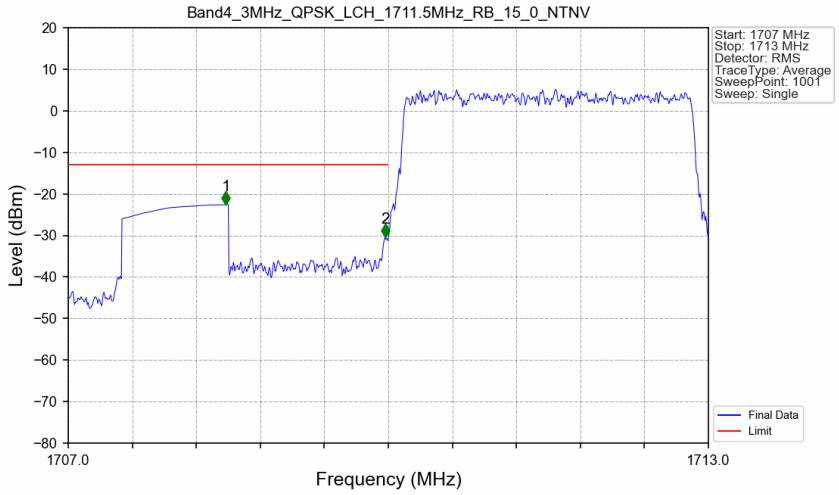
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

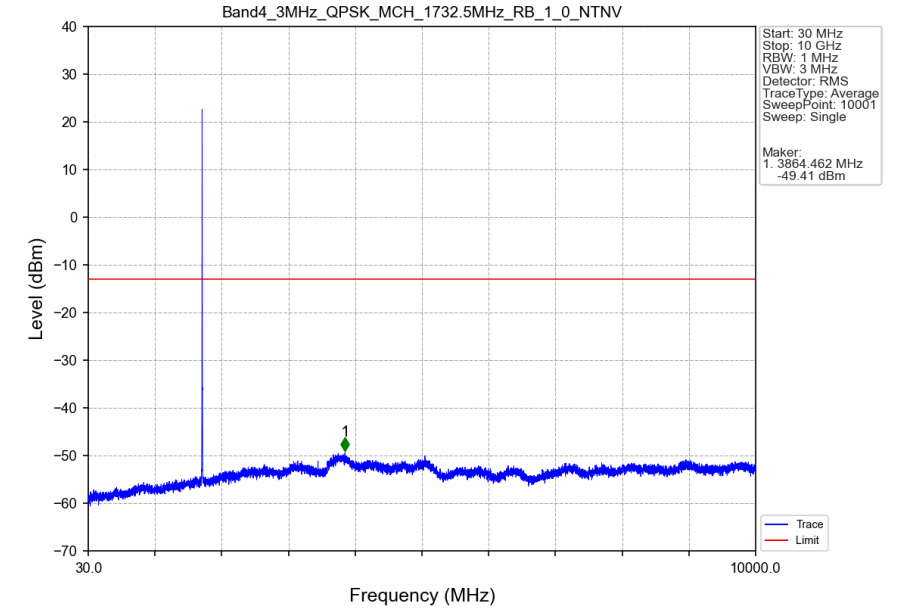


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

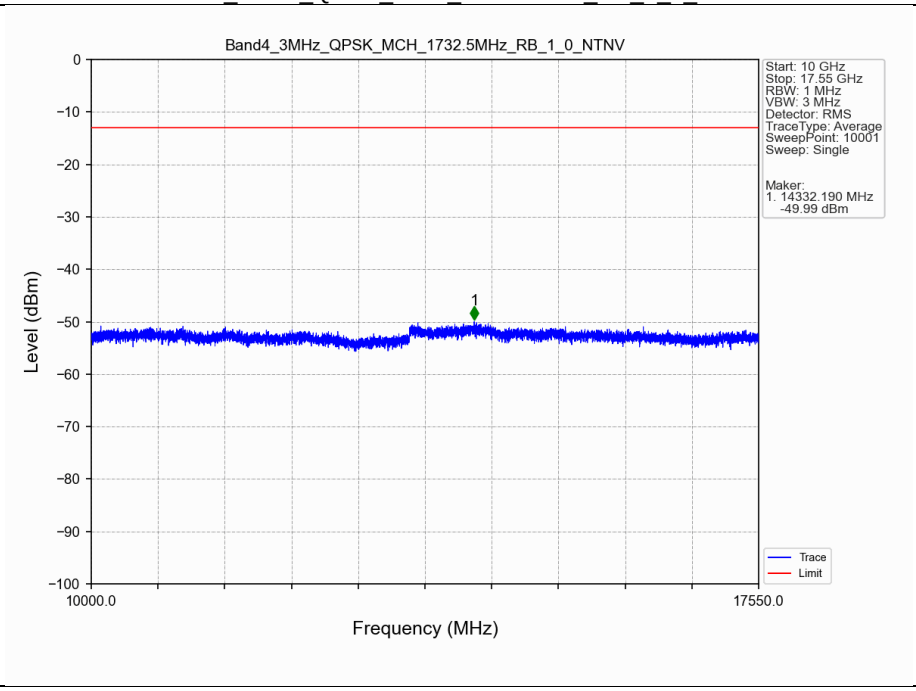


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.476	-22.61	-13	Pass
1709	1710	0.03	/	2	1709.970	-30.39	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

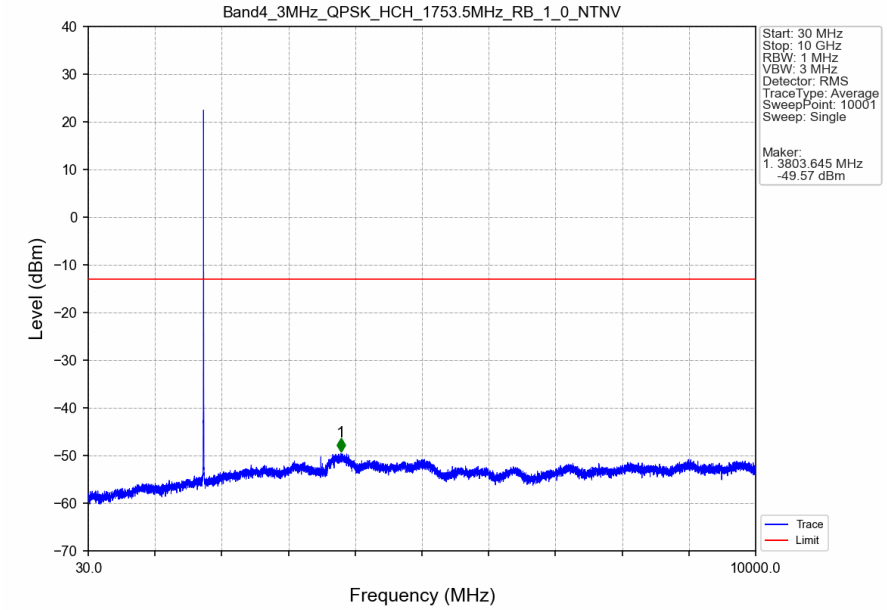
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



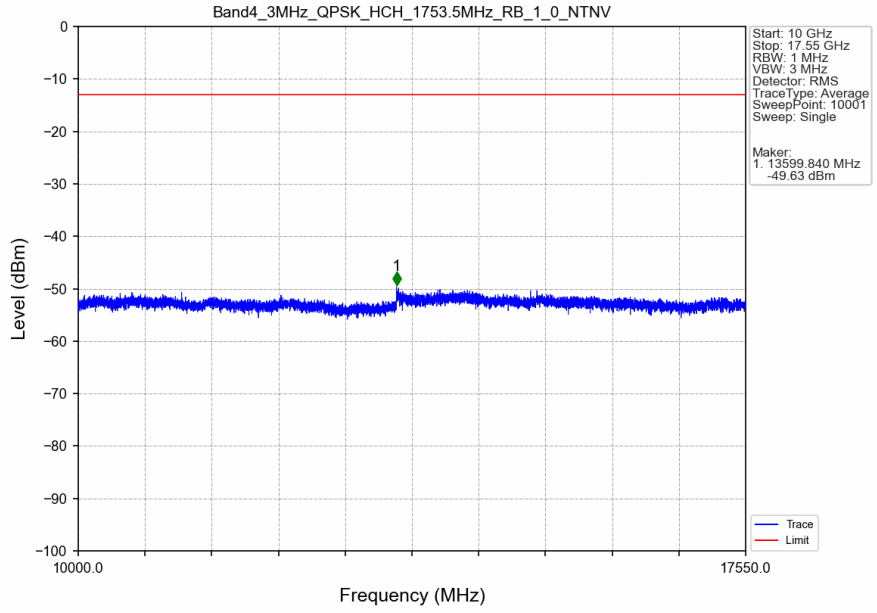
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



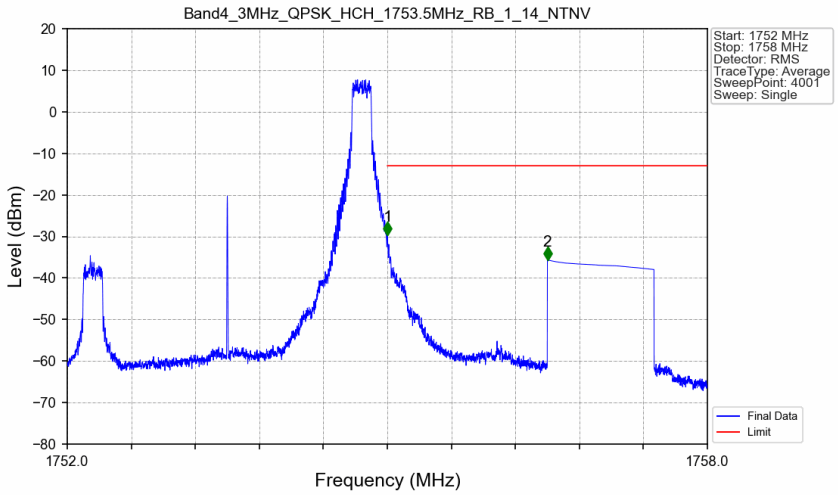
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

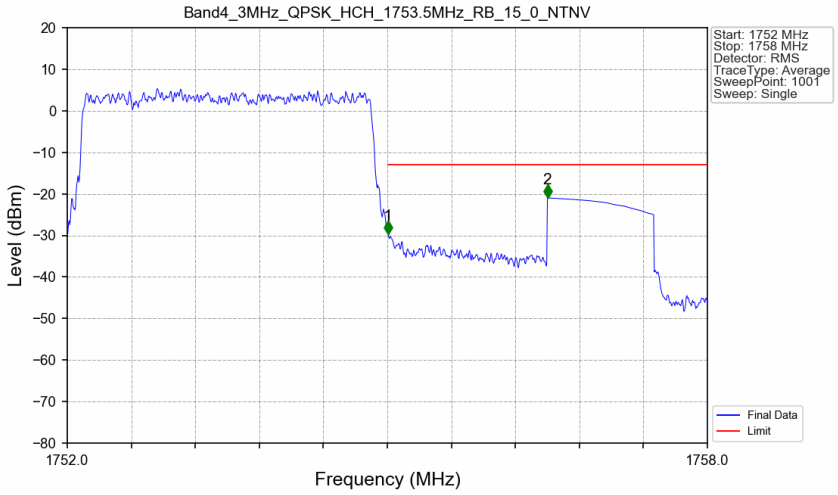


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



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	1755.002	-29.76	-13	Pass
1756	1758	1	CHP	2	1756.500	-35.71	-13	Pass

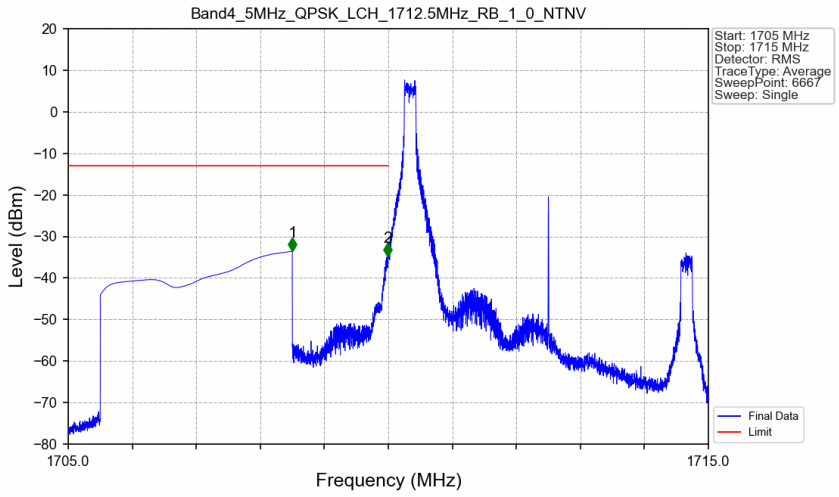
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.006	-29.61	-13	Pass
1756	1758	1	CHP	2	1756.500	-20.98	-13	Pass

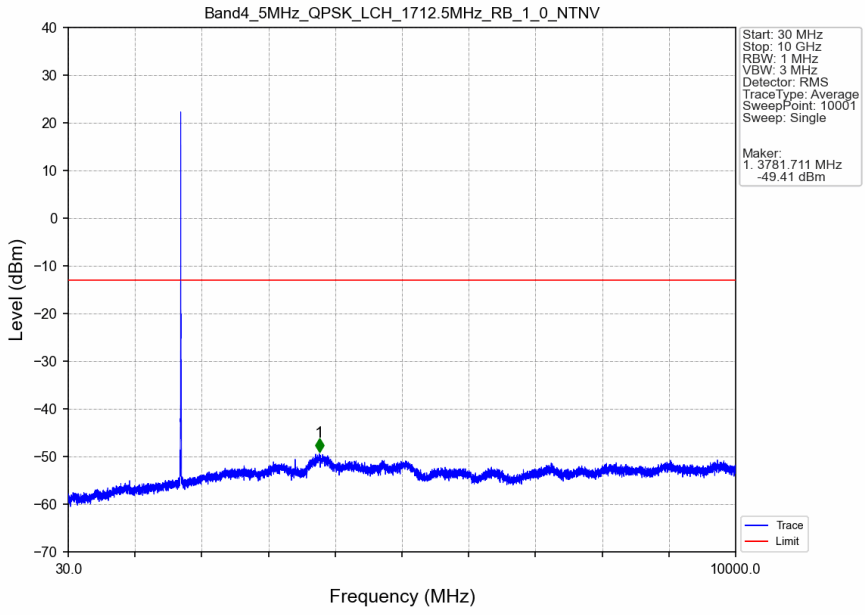
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

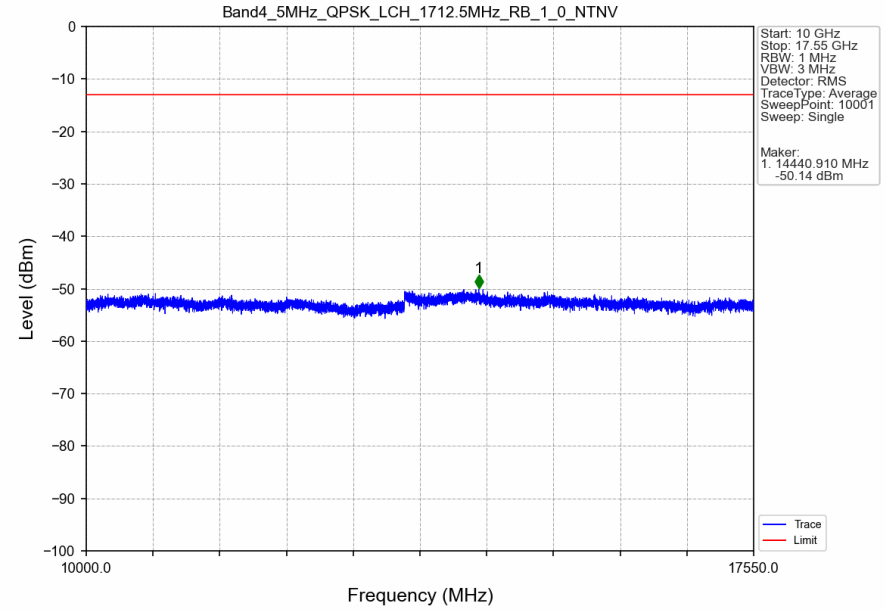


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-33.56	-13	Pass
1709	1710	0.003	/	2	1709.989	-34.84	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

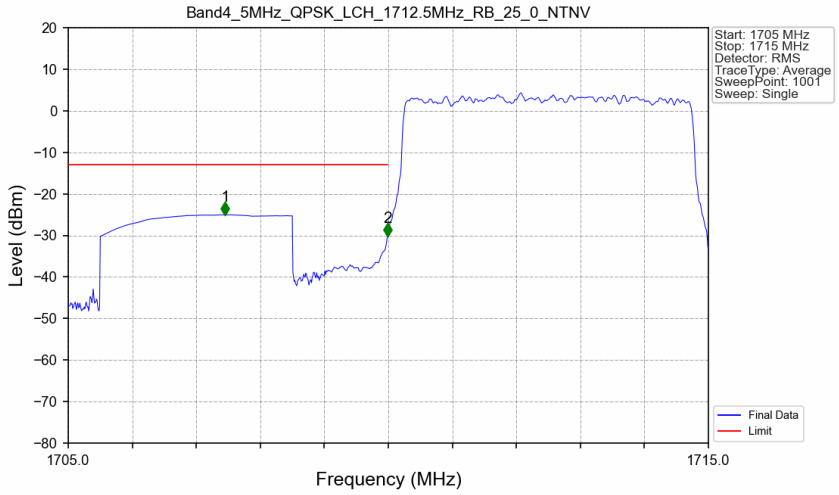
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

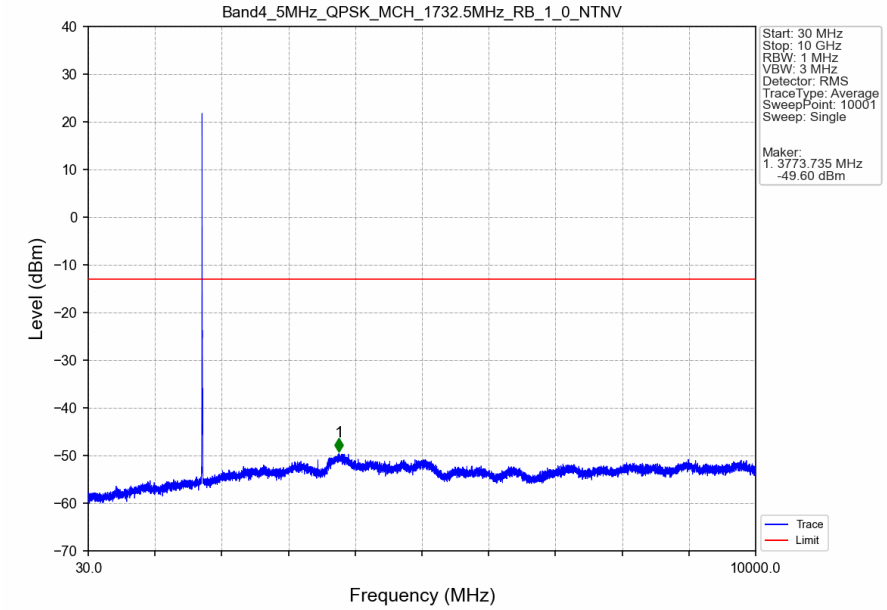


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

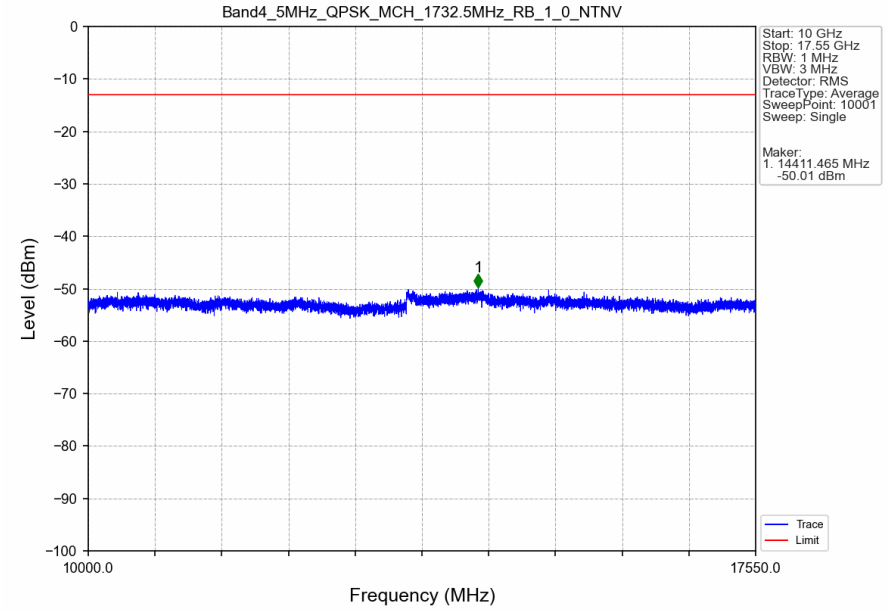


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1707.450	-25.04	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-30.19	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

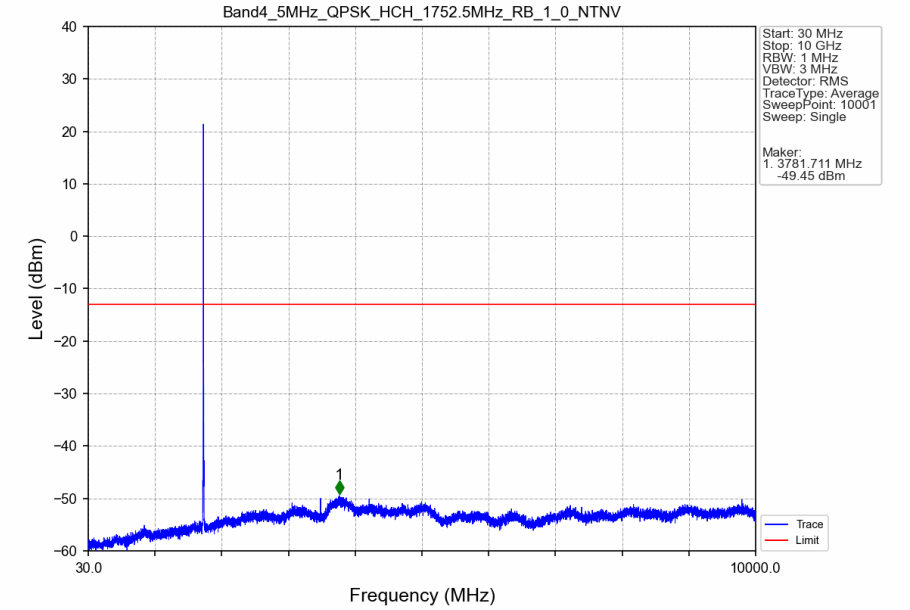
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



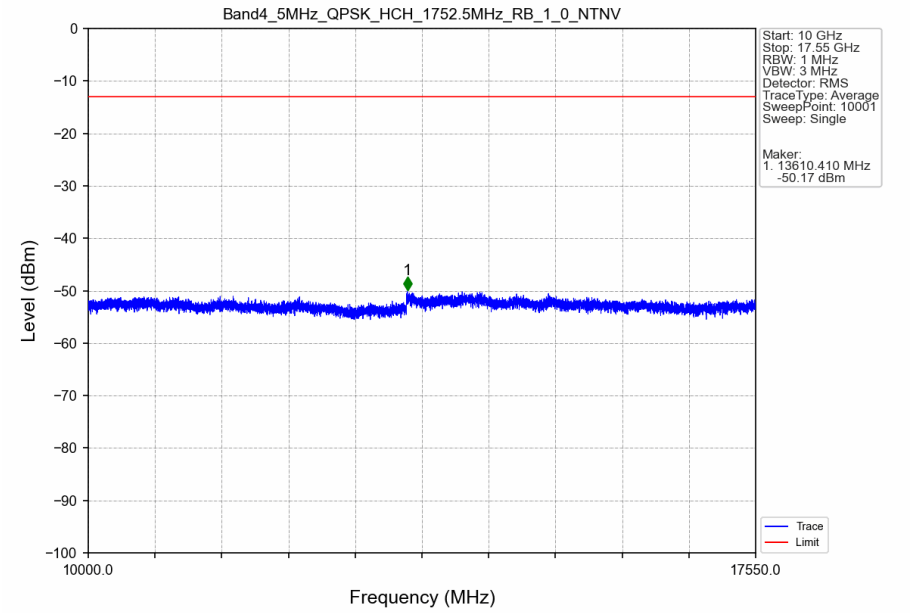
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



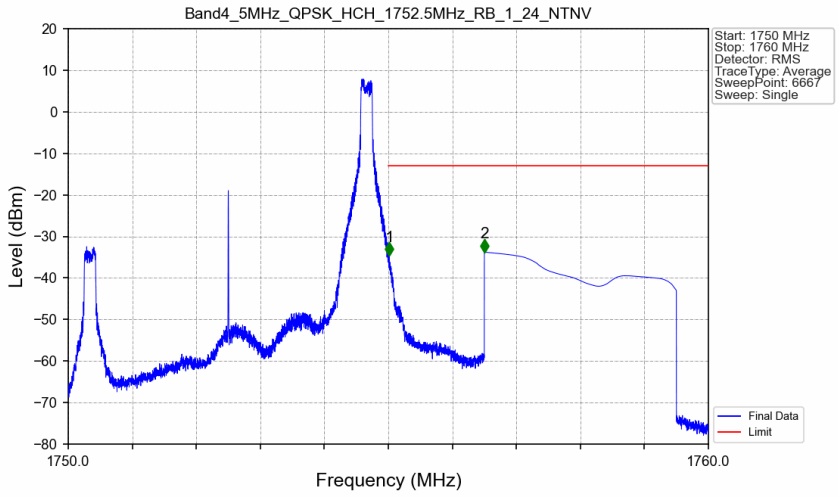
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

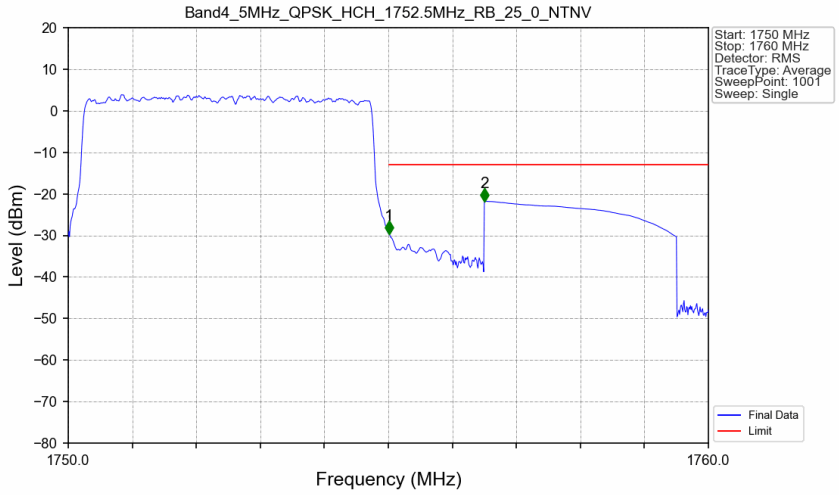


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



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	1755.014	-34.57	-13	Pass
1756	1760	1	CHP	2	1756.500	-33.77	-13	Pass

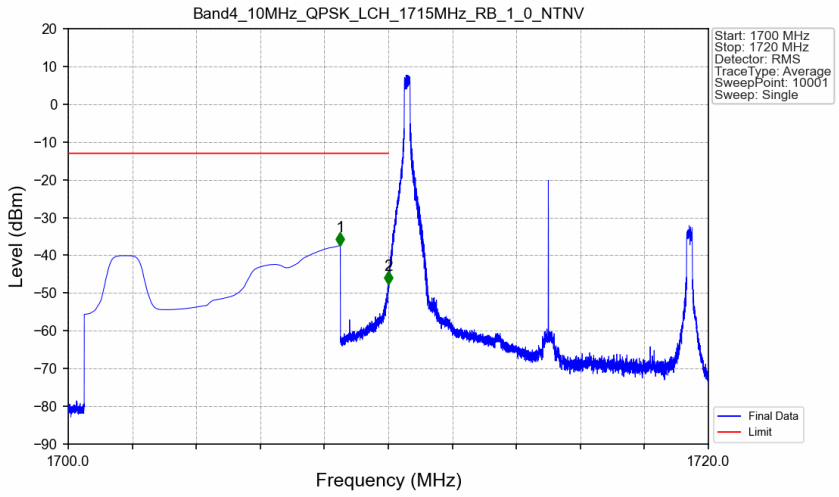
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	CHP	/	/	/	/	/
1755	1756	0.051	CHP	1	1755.010	-29.66	-13	Pass
1756	1760	1	CHP	2	1756.500	-21.77	-13	Pass

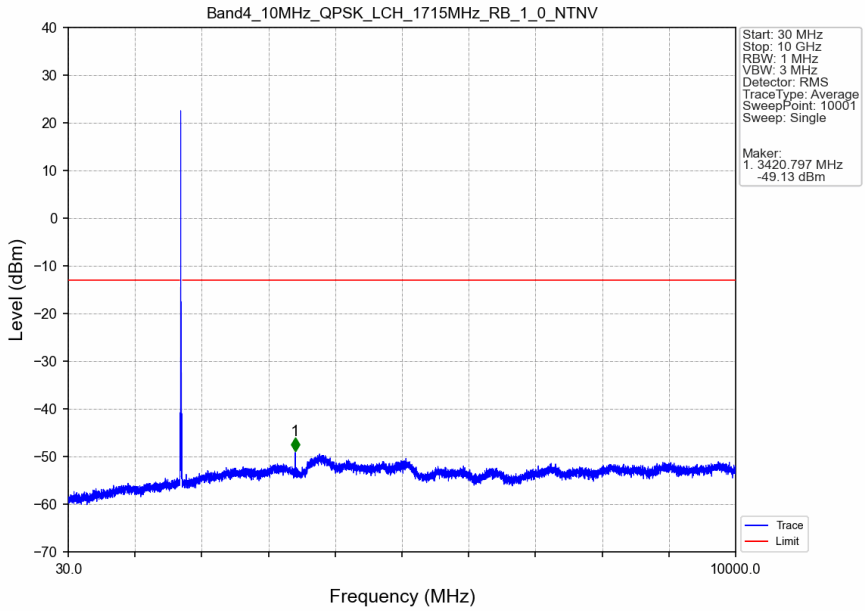
5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

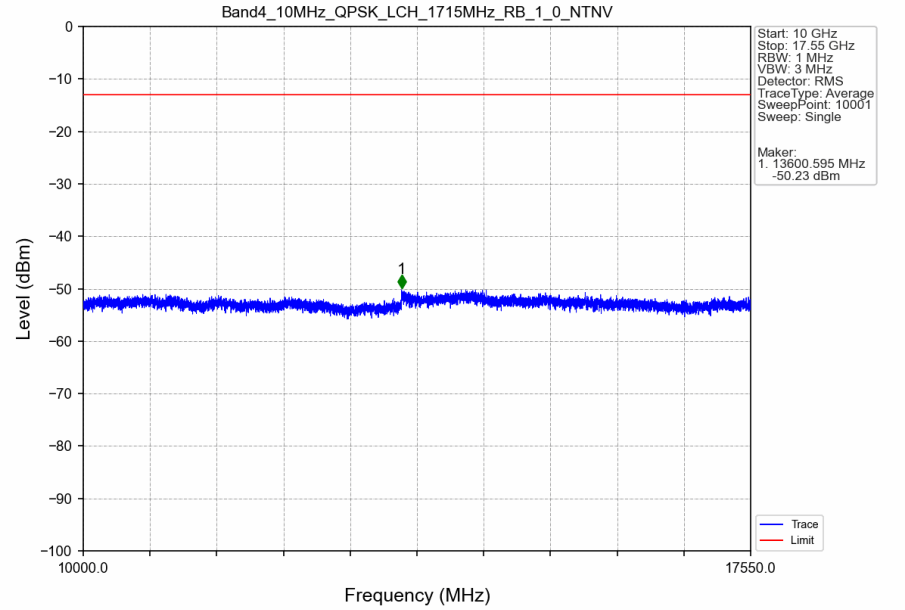


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.496	-37.42	-13	Pass
1709	1710	0.003	/	2	1709.994	-47.63	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

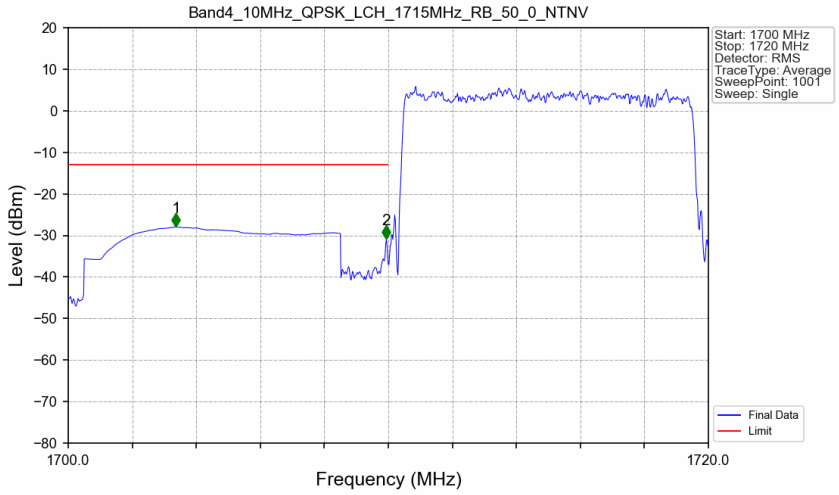
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

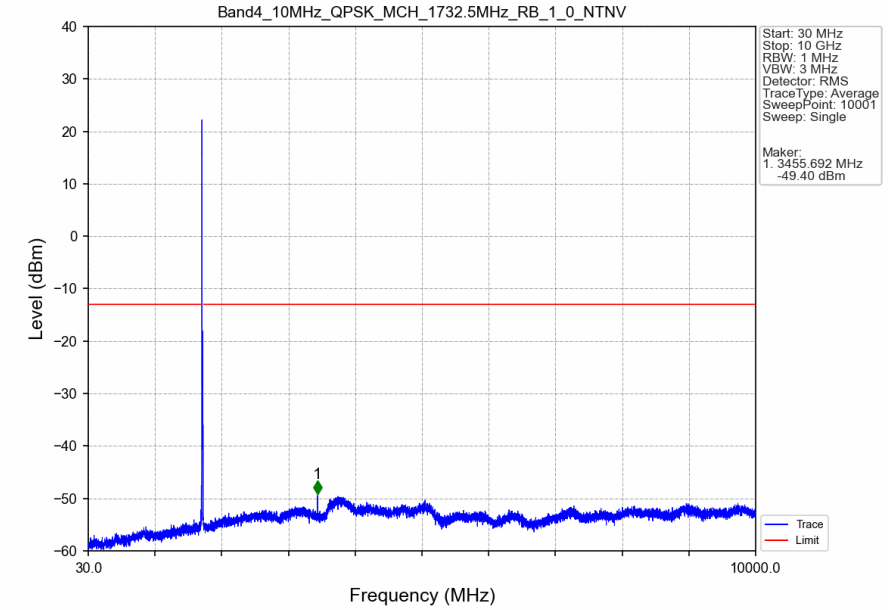


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

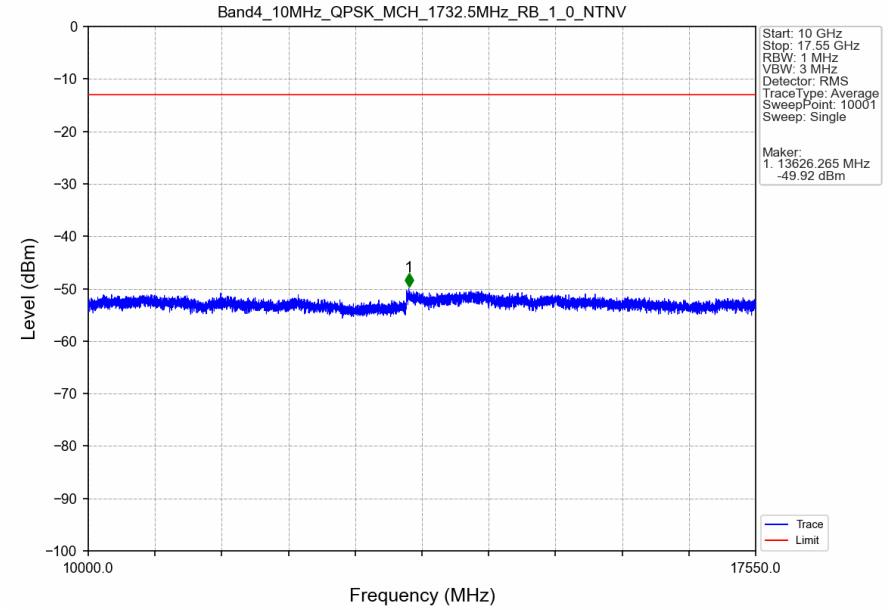


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1703.360	-27.93	-13	Pass
1709	1710	0.1	/	2	1709.940	-30.83	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

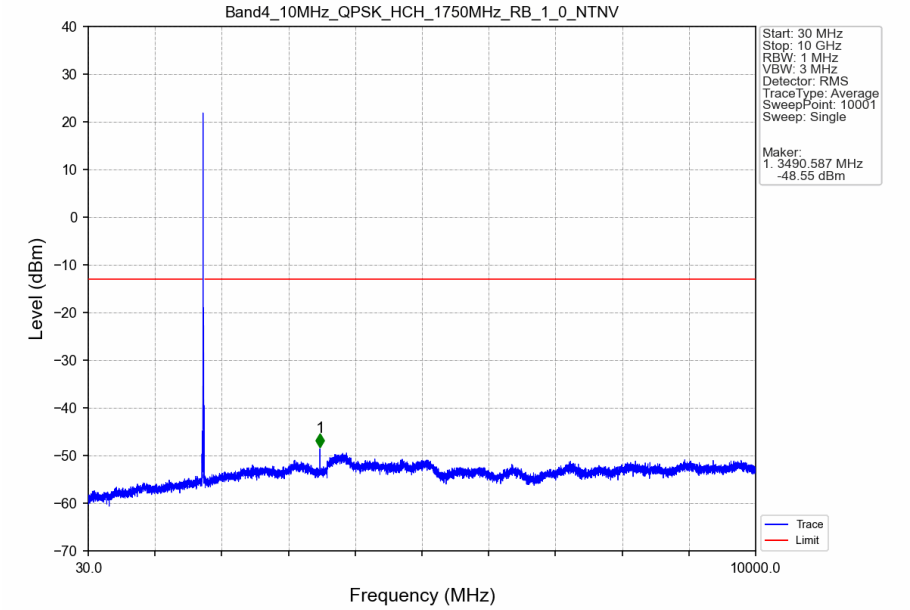
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



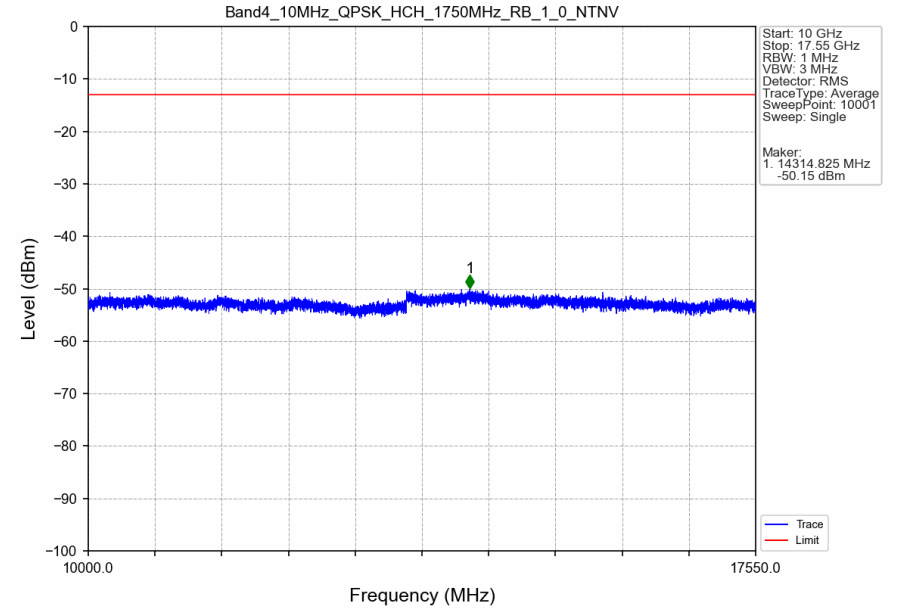
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



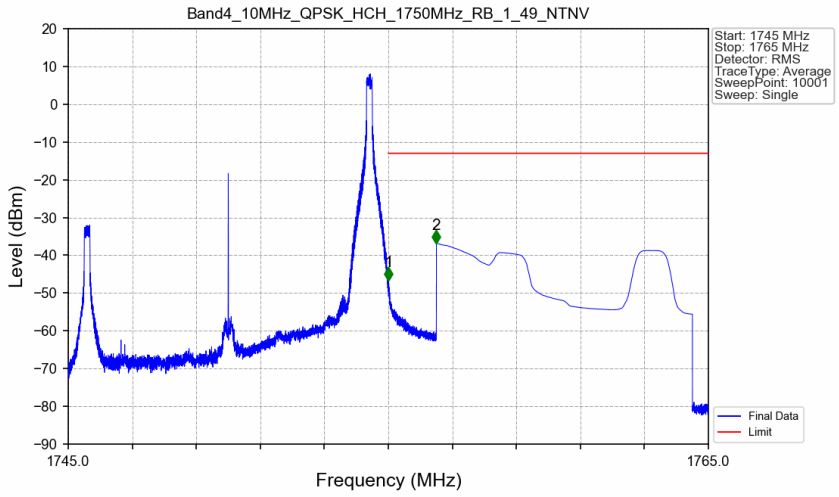
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

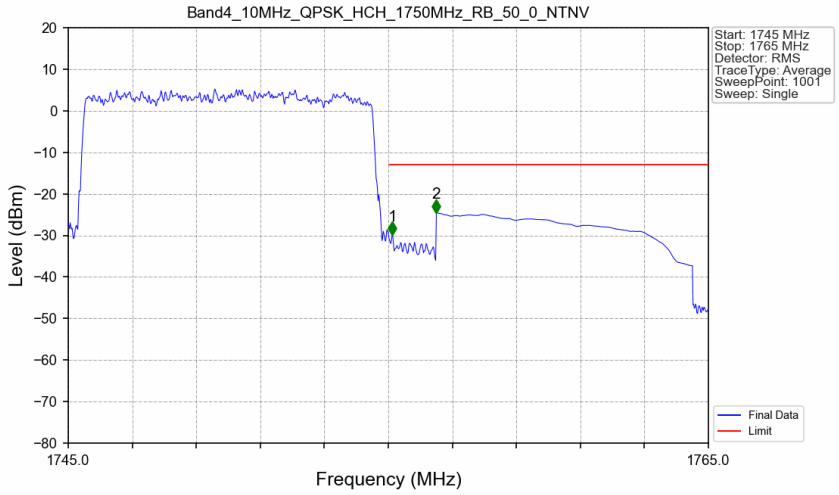


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-46.76	-13	Pass
1756	1765	1	CHP	2	1756.500	-36.80	-13	Pass

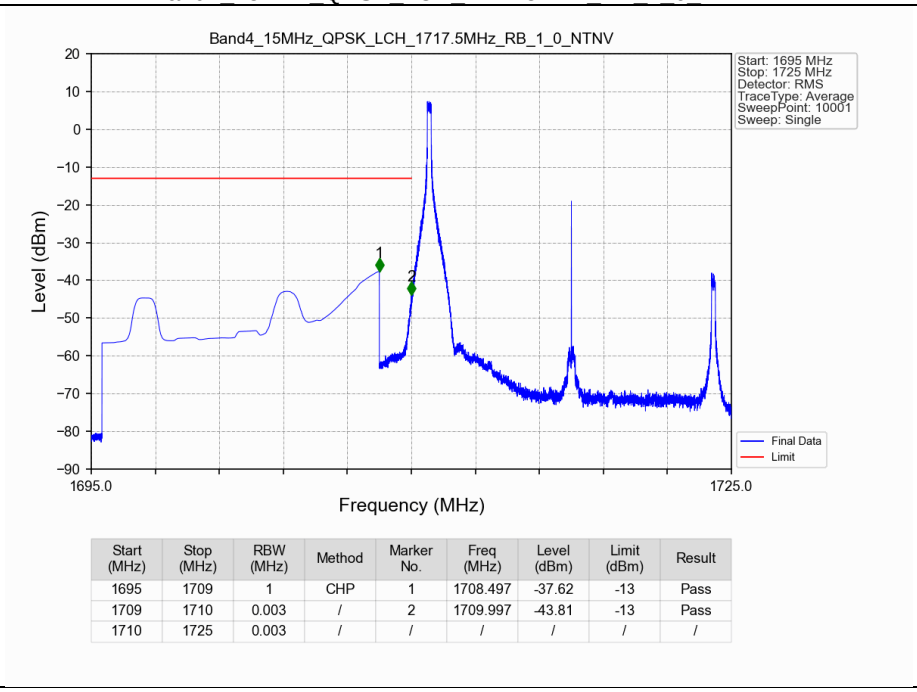
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.120	-29.94	-13	Pass
1756	1765	1	CHP	2	1756.500	-24.48	-13	Pass

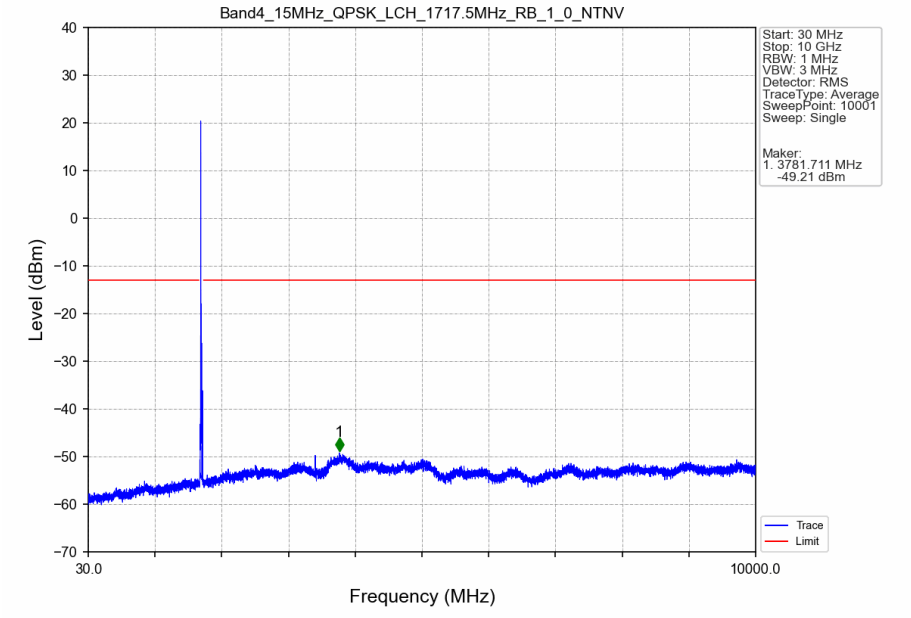
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

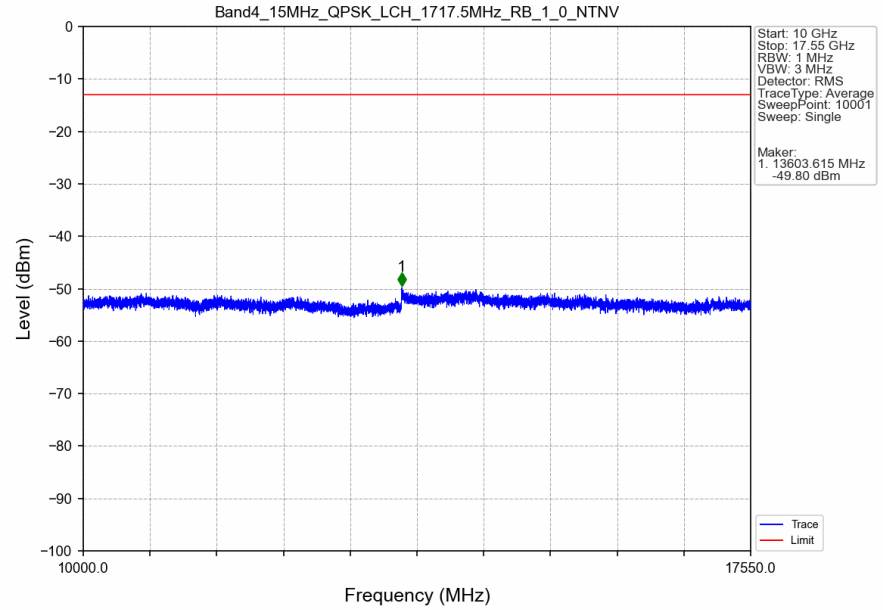


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.497	-37.62	-13	Pass
1709	1710	0.003	/	2	1709.997	-43.81	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

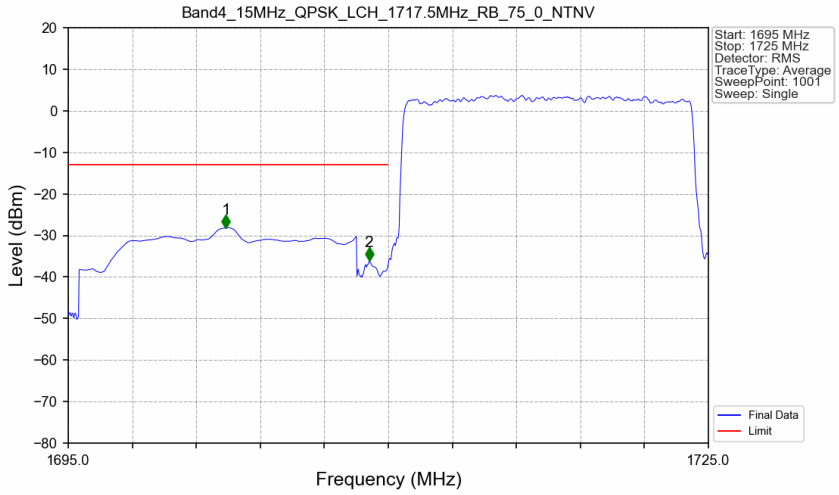
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

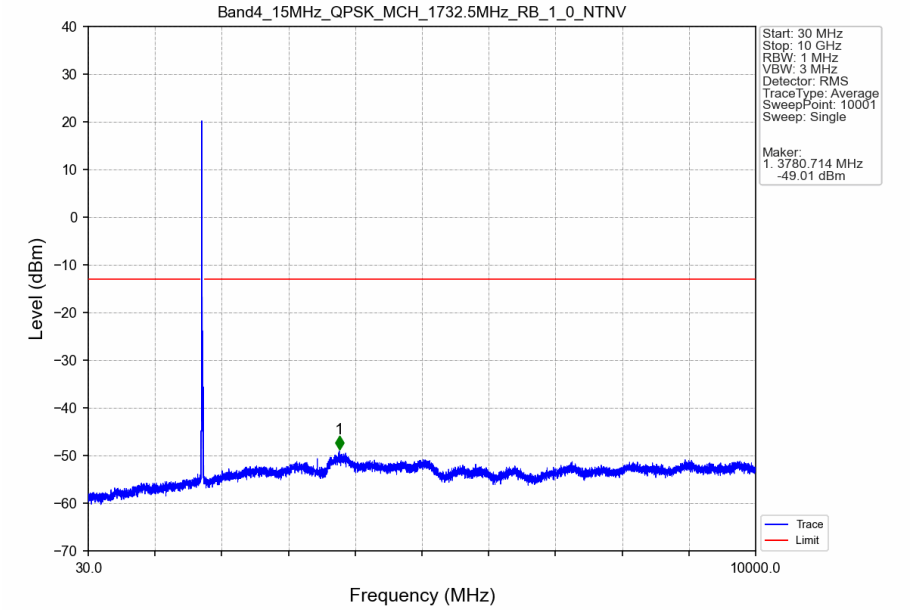


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

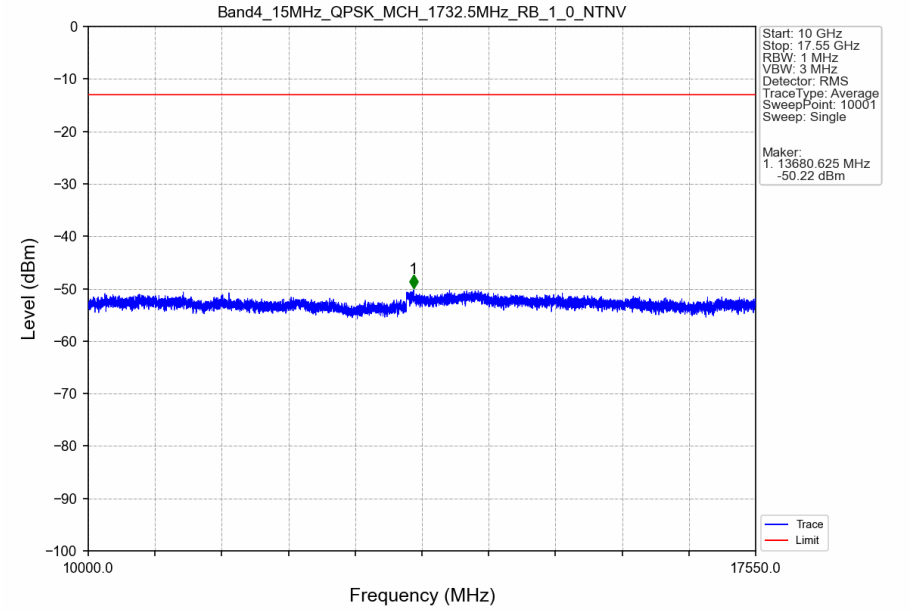


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1702.380	-28.15	-13	Pass
1709	1710	0.15	CHP	2	1709.100	-36.10	-13	Pass
1710	1725	0.15	CHP	/	/	/	/	/

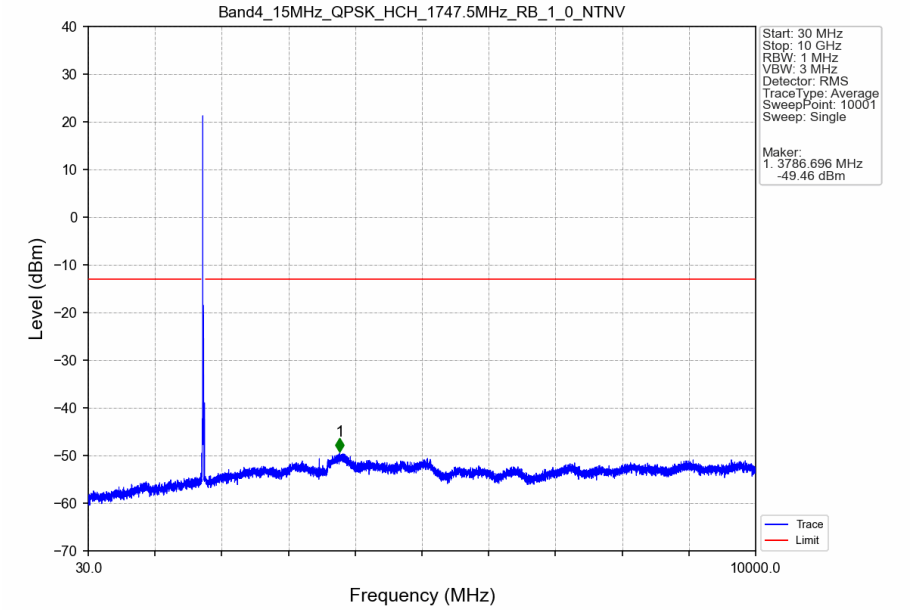
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



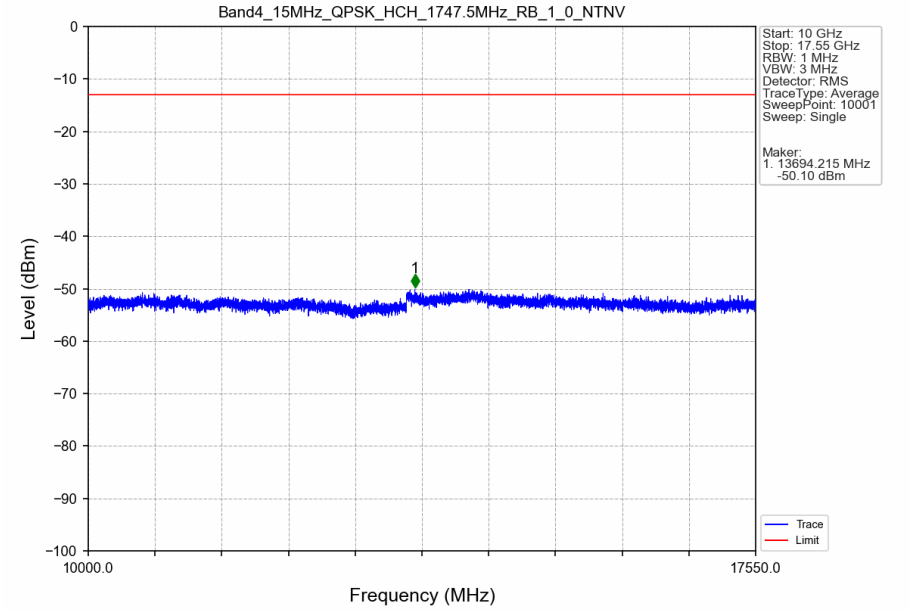
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



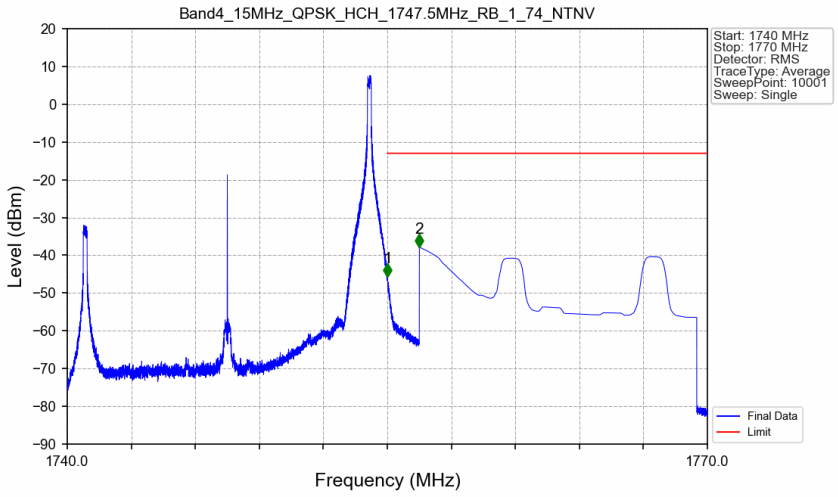
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

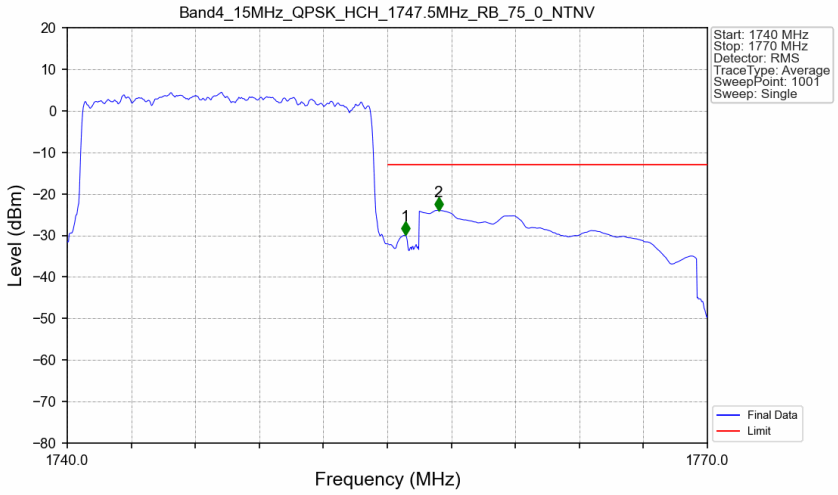


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



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	1755.006	-45.65	-13	Pass
1756	1770	1	CHP	2	1756.500	-37.92	-13	Pass

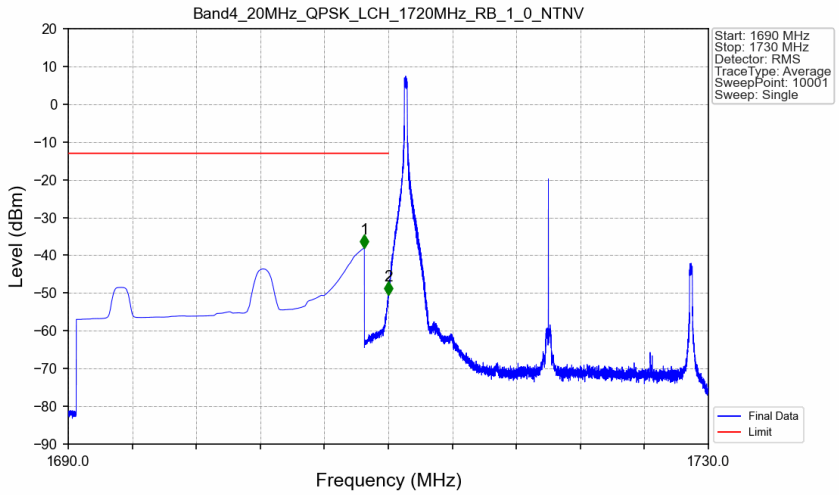
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	CHP	/	/	/	/	/
1755	1756	0.15	CHP	1	1755.840	-29.91	-13	Pass
1756	1770	1	CHP	2	1757.400	-23.96	-13	Pass

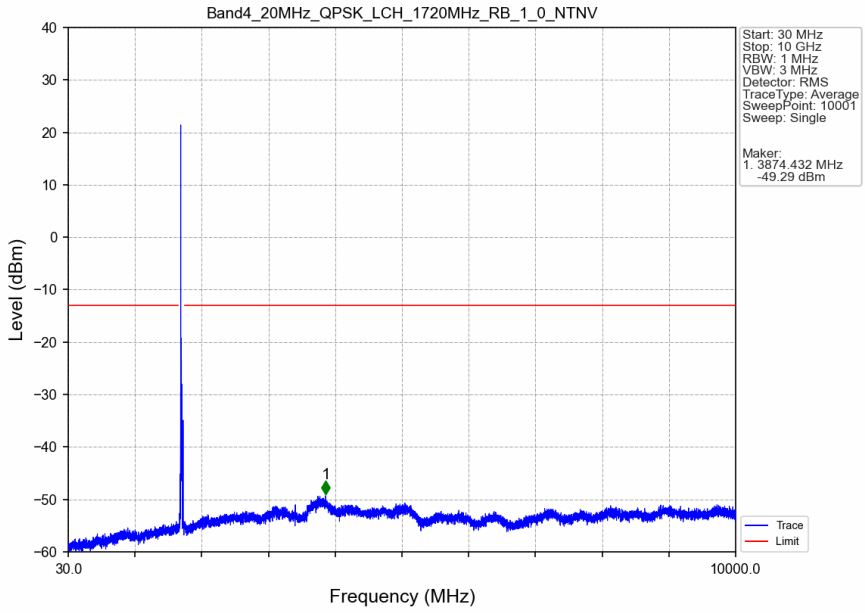
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

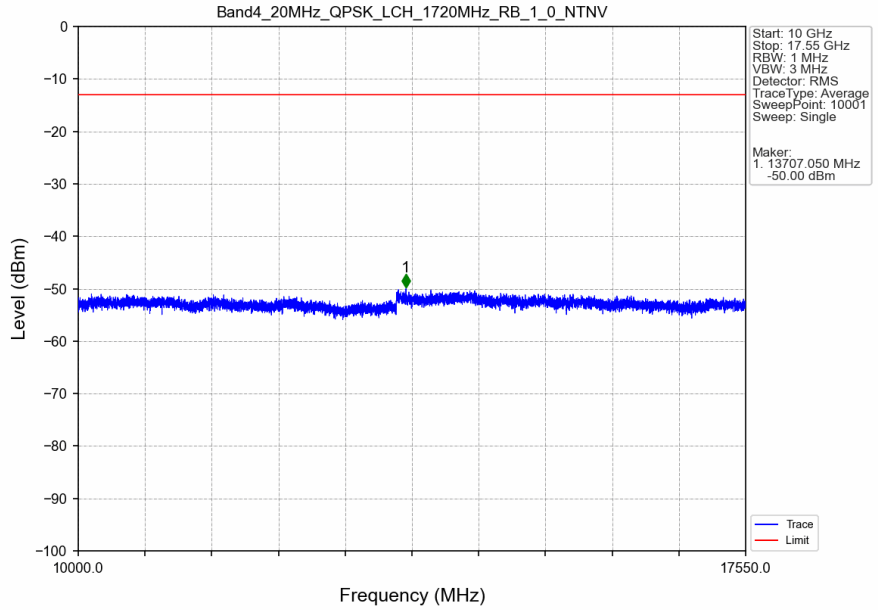


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-38.02	-13	Pass
1709	1710	0.003	/	2	1709.992	-50.56	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

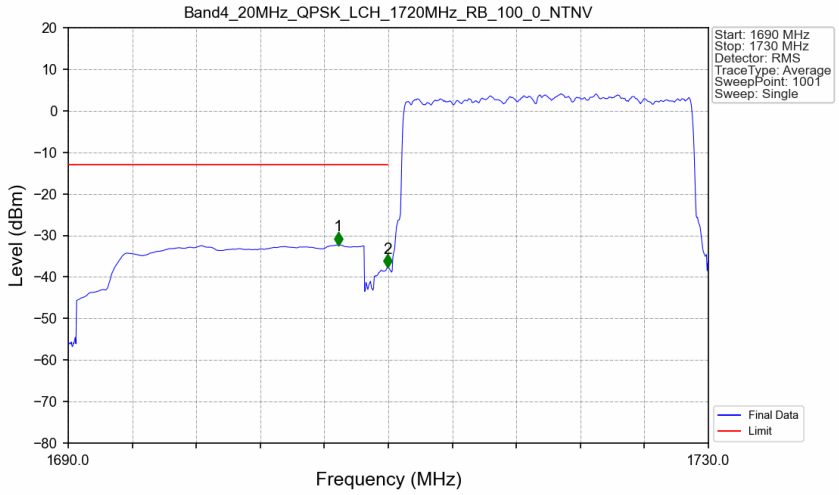
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

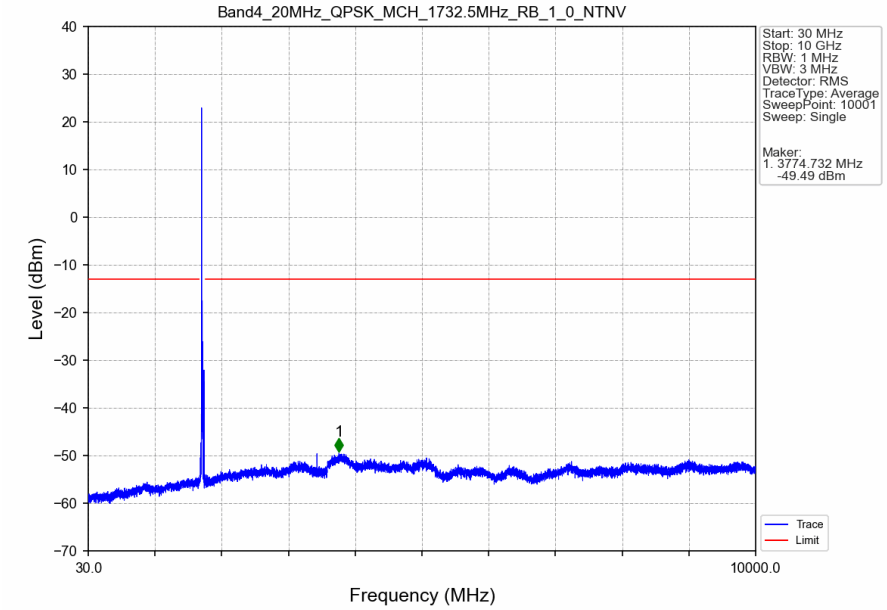


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

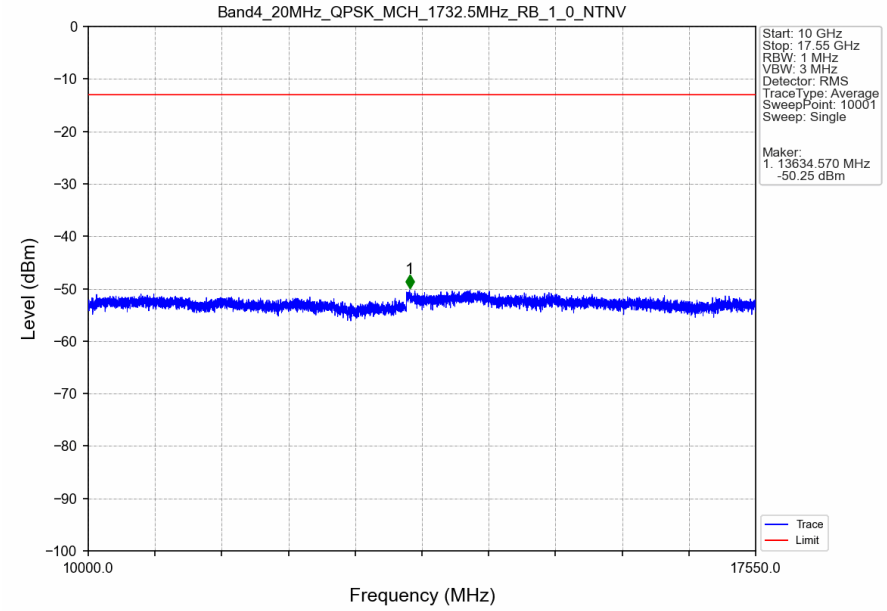


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1706.880	-32.31	-13	Pass
1709	1710	0.198	CHP	2	1709.960	-37.66	-13	Pass
1710	1730	0.198	CHP	/	/	/	/	/

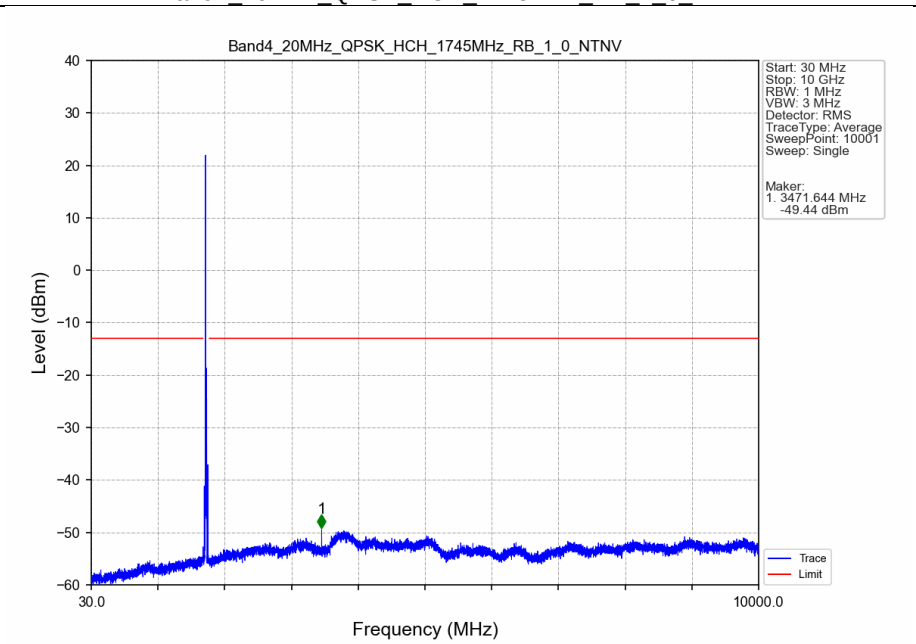
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



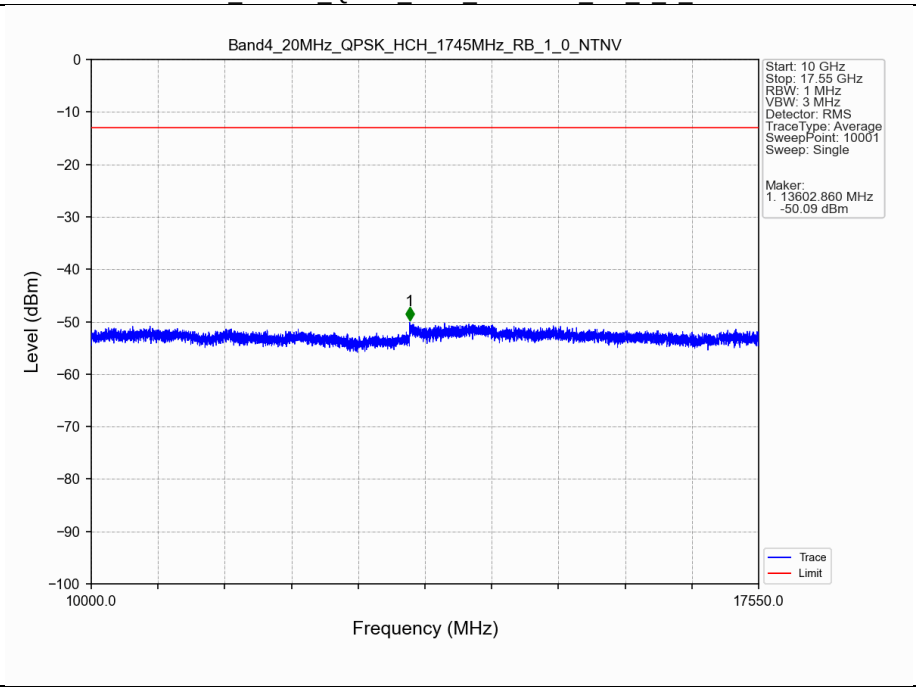
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



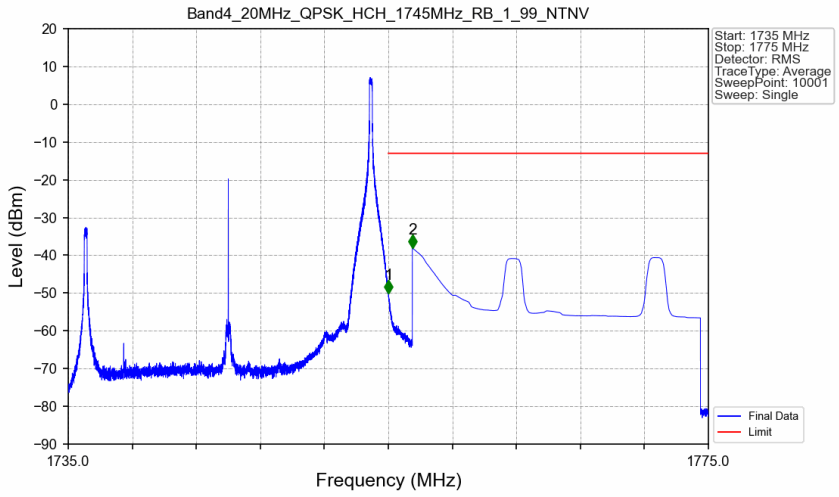
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

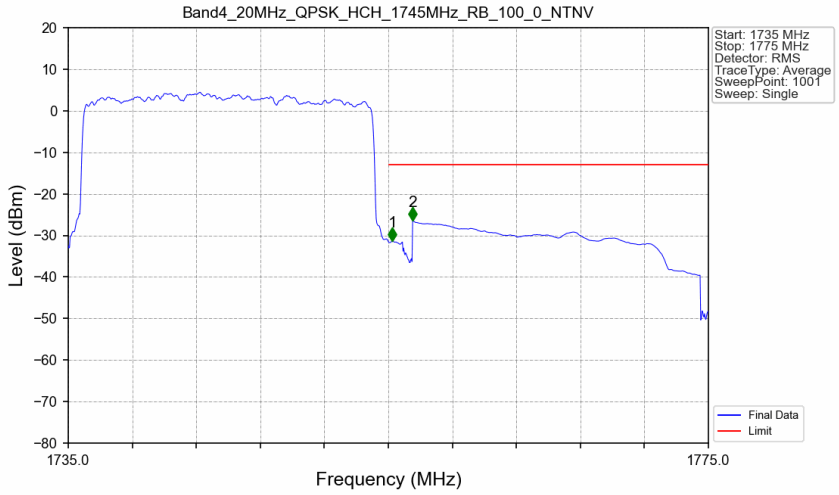


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



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	1755.004	-50.02	-13	Pass
1756	1775	1	CHP	2	1756.500	-38.04	-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	0.199	CHP	/	/	/	/	/
1755	1756	0.199	CHP	1	1755.240	-31.37	-13	Pass
1756	1775	1	CHP	2	1756.520	-26.44	-13	Pass