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	23.34	1.24	24.58	<=30	Pass
			2	23.29	1.24	24.53	<=30	Pass
			5	23.37	1.24	24.61	<=30	Pass
		3	0	23.34	1.24	24.58	<=30	Pass
			2	23.55	1.24	24.79	<=30	Pass
			3	23.33	1.24	24.57	<=30	Pass
		6	0	22.33	1.24	23.57	<=30	Pass
	1732.5	1	0	23.40	1.24	24.64	<=30	Pass
			2	23.50	1.24	24.74	<=30	Pass
			5	23.40	1.24	24.64	<=30	Pass
		3	0	23.37	1.24	24.61	<=30	Pass
			2	23.45	1.24	24.69	<=30	Pass
			3	23.43	1.24	24.67	<=30	Pass
		6	0	22.49	1.24	23.73	<=30	Pass
	1754.3	1	0	23.59	1.24	24.83	<=30	Pass
			2	23.51	1.24	24.75	<=30	Pass
			5	23.61	1.24	24.85	<=30	Pass
		3	0	23.41	1.24	24.65	<=30	Pass
			2	23.47	1.24	24.71	<=30	Pass
			3	23.55	1.24	24.79	<=30	Pass
		6	0	22.46	1.24	23.70	<=30	Pass
16QAM	1710.7	1	0	22.01	1.24	23.25	<=30	Pass
			2	22.12	1.24	23.36	<=30	Pass
			5	22.01	1.24	23.25	<=30	Pass
		3	0	22.58	1.24	23.82	<=30	Pass
			2	22.55	1.24	23.79	<=30	Pass
			3	22.45	1.24	23.69	<=30	Pass
		6	0	21.39	1.24	22.63	<=30	Pass
	1732.5	1	0	23.23	1.24	24.47	<=30	Pass
			2	23.14	1.24	24.38	<=30	Pass
			5	23.09	1.24	24.33	<=30	Pass
		3	0	22.64	1.24	23.88	<=30	Pass
			2	22.83	1.24	24.07	<=30	Pass
			3	22.71	1.24	23.95	<=30	Pass
		6	0	21.58	1.24	22.82	<=30	Pass
	1754.3	1	0	22.30	1.24	23.54	<=30	Pass
			2	22.37	1.24	23.61	<=30	Pass
			5	22.33	1.24	23.57	<=30	Pass
		3	0	22.31	1.24	23.55	<=30	Pass
			2	22.36	1.24	23.60	<=30	Pass
			3	22.28	1.24	23.52	<=30	Pass
		6	0	21.38	1.24	22.62	<=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	23.44	1.24	24.68	<=30	Pass
			7	23.52	1.24	24.76	<=30	Pass
			14	23.42	1.24	24.66	<=30	Pass
		8	0	22.46	1.24	23.70	<=30	Pass
			4	22.38	1.24	23.62	<=30	Pass
			7	22.38	1.24	23.62	<=30	Pass
		15	0	22.48	1.24	23.72	<=30	Pass
	1732.5	1	0	23.40	1.24	24.64	<=30	Pass
			7	23.55	1.24	24.79	<=30	Pass
			14	23.24	1.24	24.48	<=30	Pass
		8	0	22.45	1.24	23.69	<=30	Pass
			4	22.47	1.24	23.71	<=30	Pass
			7	22.51	1.24	23.75	<=30	Pass
		15	0	22.51	1.24	23.75	<=30	Pass
	1753.5	1	0	23.29	1.24	24.53	<=30	Pass
			7	23.49	1.24	24.73	<=30	Pass
			14	23.66	1.24	24.90	<=30	Pass
		8	0	22.43	1.24	23.67	<=30	Pass
			4	22.55	1.24	23.79	<=30	Pass
			7	22.49	1.24	23.73	<=30	Pass
		15	0	22.59	1.24	23.83	<=30	Pass
16QAM	1711.5	1	0	22.24	1.24	23.48	<=30	Pass
			7	22.21	1.24	23.45	<=30	Pass
			14	22.08	1.24	23.32	<=30	Pass
		8	0	21.36	1.24	22.60	<=30	Pass
			4	21.30	1.24	22.54	<=30	Pass
			7	21.31	1.24	22.55	<=30	Pass
		15	0	21.60	1.24	22.84	<=30	Pass
	1732.5	1	0	22.97	1.24	24.21	<=30	Pass
			7	23.20	1.24	24.44	<=30	Pass
			14	22.73	1.24	23.97	<=30	Pass
		8	0	21.75	1.24	22.99	<=30	Pass
			4	21.76	1.24	23.00	<=30	Pass
			7	21.77	1.24	23.01	<=30	Pass
		15	0	21.44	1.24	22.68	<=30	Pass
	1753.5	1	0	22.69	1.24	23.93	<=30	Pass
			7	22.83	1.24	24.07	<=30	Pass
			14	22.85	1.24	24.09	<=30	Pass
		8	0	21.79	1.24	23.03	<=30	Pass
			4	21.82	1.24	23.06	<=30	Pass
			7	21.87	1.24	23.11	<=30	Pass
		15	0	21.48	1.24	22.72	<=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	23.20	1.24	24.44	<=30	Pass
			13	23.21	1.24	24.45	<=30	Pass
			24	23.15	1.24	24.39	<=30	Pass
		12	0	22.38	1.24	23.62	<=30	Pass
			6	22.39	1.24	23.63	<=30	Pass
			13	22.37	1.24	23.61	<=30	Pass
		25	0	22.46	1.24	23.70	<=30	Pass
	1732.5	1	0	23.33	1.24	24.57	<=30	Pass
			13	23.45	1.24	24.69	<=30	Pass
			24	23.13	1.24	24.37	<=30	Pass
		12	0	22.60	1.24	23.84	<=30	Pass
			6	22.54	1.24	23.78	<=30	Pass
			13	22.37	1.24	23.61	<=30	Pass
		25	0	22.51	1.24	23.75	<=30	Pass
	1752.5	1	0	23.07	1.24	24.31	<=30	Pass
			13	23.41	1.24	24.65	<=30	Pass
			24	23.22	1.24	24.46	<=30	Pass
		12	0	22.39	1.24	23.63	<=30	Pass
			6	22.48	1.24	23.72	<=30	Pass
			13	22.64	1.24	23.88	<=30	Pass
		25	0	22.39	1.24	23.63	<=30	Pass
16QAM	1712.5	1	0	21.64	1.24	22.88	<=30	Pass
			13	21.73	1.24	22.97	<=30	Pass
			24	21.31	1.24	22.55	<=30	Pass
		12	0	21.30	1.24	22.54	<=30	Pass
			6	21.44	1.24	22.68	<=30	Pass
			13	21.41	1.24	22.65	<=30	Pass
		25	0	21.46	1.24	22.70	<=30	Pass
	1732.5	1	0	22.46	1.24	23.70	<=30	Pass
			13	22.72	1.24	23.96	<=30	Pass
			24	22.57	1.24	23.81	<=30	Pass
		12	0	21.46	1.24	22.70	<=30	Pass
			6	21.60	1.24	22.84	<=30	Pass
			13	21.43	1.24	22.67	<=30	Pass
		25	0	21.49	1.24	22.73	<=30	Pass
	1752.5	1	0	22.94	1.24	24.18	<=30	Pass
			13	23.26	1.24	24.50	<=30	Pass
			24	23.27	1.24	24.51	<=30	Pass
		12	0	21.18	1.24	22.42	<=30	Pass
			6	21.23	1.24	22.47	<=30	Pass
			13	21.34	1.24	22.58	<=30	Pass
		25	0	21.37	1.24	22.61	<=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	23.37	1.24	24.61	<=30	Pass
			25	23.34	1.24	24.58	<=30	Pass
			49	23.27	1.24	24.51	<=30	Pass
		25	0	22.46	1.24	23.70	<=30	Pass
			13	22.29	1.24	23.53	<=30	Pass
			25	22.26	1.24	23.50	<=30	Pass
		50	0	22.22	1.24	23.46	<=30	Pass
	1732.5	1	0	23.41	1.24	24.65	<=30	Pass
			25	23.83	1.24	25.07	<=30	Pass
			49	23.53	1.24	24.77	<=30	Pass
		25	0	22.63	1.24	23.87	<=30	Pass
			13	22.55	1.24	23.79	<=30	Pass
			25	22.50	1.24	23.74	<=30	Pass
		50	0	22.49	1.24	23.73	<=30	Pass
	1750	1	0	23.51	1.24	24.75	<=30	Pass
			25	23.84	1.24	25.08	<=30	Pass
			49	23.45	1.24	24.69	<=30	Pass
		25	0	22.28	1.24	23.52	<=30	Pass
			13	22.39	1.24	23.63	<=30	Pass
			25	22.47	1.24	23.71	<=30	Pass
		50	0	22.46	1.24	23.70	<=30	Pass
16QAM	1715	1	0	22.74	1.24	23.98	<=30	Pass
			25	22.62	1.24	23.86	<=30	Pass
			49	22.63	1.24	23.87	<=30	Pass
		25	0	21.40	1.24	22.64	<=30	Pass
			13	21.17	1.24	22.41	<=30	Pass
			25	21.30	1.24	22.54	<=30	Pass
		50	0	21.18	1.24	22.42	<=30	Pass
	1732.5	1	0	22.42	1.24	23.66	<=30	Pass
			25	23.31	1.24	24.55	<=30	Pass
			49	22.22	1.24	23.46	<=30	Pass
		25	0	21.69	1.24	22.93	<=30	Pass
			13	21.73	1.24	22.97	<=30	Pass
			25	21.72	1.24	22.96	<=30	Pass
		50	0	21.50	1.24	22.74	<=30	Pass
	1750	1	0	22.69	1.24	23.93	<=30	Pass
			25	22.85	1.24	24.09	<=30	Pass
			49	22.89	1.24	24.13	<=30	Pass
		25	0	21.79	1.24	23.03	<=30	Pass
			13	21.36	1.24	22.60	<=30	Pass
			25	21.37	1.24	22.61	<=30	Pass
		50	0	21.53	1.24	22.77	<=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	23.41	1.24	24.65	<=30	Pass
			38	23.20	1.24	24.44	<=30	Pass
			74	22.96	1.24	24.20	<=30	Pass
		36	0	22.12	1.24	23.36	<=30	Pass
			18	22.10	1.24	23.34	<=30	Pass
			39	22.32	1.24	23.56	<=30	Pass
		75	0	22.19	1.24	23.43	<=30	Pass
	1732.5	1	0	22.88	1.24	24.12	<=30	Pass
			38	23.31	1.24	24.55	<=30	Pass
			74	23.25	1.24	24.49	<=30	Pass
		36	0	22.49	1.24	23.73	<=30	Pass
			18	22.43	1.24	23.67	<=30	Pass
			39	22.43	1.24	23.67	<=30	Pass
		75	0	22.37	1.24	23.61	<=30	Pass
	1747.5	1	0	23.37	1.24	24.61	<=30	Pass
			38	23.28	1.24	24.52	<=30	Pass
			74	23.39	1.24	24.63	<=30	Pass
		36	0	22.36	1.24	23.60	<=30	Pass
			18	22.32	1.24	23.56	<=30	Pass
			39	22.30	1.24	23.54	<=30	Pass
		75	0	22.22	1.24	23.46	<=30	Pass
16QAM	1717.5	1	0	22.66	1.24	23.90	<=30	Pass
			38	22.52	1.24	23.76	<=30	Pass
			74	22.60	1.24	23.84	<=30	Pass
		36	0	21.15	1.24	22.39	<=30	Pass
			18	21.32	1.24	22.56	<=30	Pass
			39	21.30	1.24	22.54	<=30	Pass
		75	0	21.31	1.24	22.55	<=30	Pass
	1732.5	1	0	22.28	1.24	23.52	<=30	Pass
			38	22.43	1.24	23.67	<=30	Pass
			74	22.06	1.24	23.30	<=30	Pass
		36	0	21.58	1.24	22.82	<=30	Pass
			18	21.50	1.24	22.74	<=30	Pass
			39	21.47	1.24	22.71	<=30	Pass
		75	0	21.44	1.24	22.68	<=30	Pass
	1747.5	1	0	23.30	1.24	24.54	<=30	Pass
			38	23.39	1.24	24.63	<=30	Pass
			74	23.25	1.24	24.49	<=30	Pass
		36	0	21.39	1.24	22.63	<=30	Pass
			18	21.59	1.24	22.83	<=30	Pass
			39	21.37	1.24	22.61	<=30	Pass
		75	0	21.41	1.24	22.65	<=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	23.08	1.24	24.32	<=30	Pass
			50	23.37	1.24	24.61	<=30	Pass
			99	23.00	1.24	24.24	<=30	Pass
		50	0	22.14	1.24	23.38	<=30	Pass
			25	22.23	1.24	23.47	<=30	Pass
			50	22.44	1.24	23.68	<=30	Pass
		100	0	22.35	1.24	23.59	<=30	Pass
	1732.5	1	0	22.83	1.24	24.07	<=30	Pass
			50	23.61	1.24	24.85	<=30	Pass
			99	23.38	1.24	24.62	<=30	Pass
		50	0	22.45	1.24	23.69	<=30	Pass
			25	22.46	1.24	23.70	<=30	Pass
			50	22.44	1.24	23.68	<=30	Pass
		100	0	22.44	1.24	23.68	<=30	Pass
	1745	1	0	23.50	1.24	24.74	<=30	Pass
			50	23.53	1.24	24.77	<=30	Pass
			99	23.46	1.24	24.70	<=30	Pass
		50	0	22.58	1.24	23.82	<=30	Pass
			25	22.34	1.24	23.58	<=30	Pass
			50	22.28	1.24	23.52	<=30	Pass
		100	0	22.50	1.24	23.74	<=30	Pass
16QAM	1720	1	0	22.63	1.24	23.87	<=30	Pass
			50	23.05	1.24	24.29	<=30	Pass
			99	22.32	1.24	23.56	<=30	Pass
		50	0	21.30	1.24	22.54	<=30	Pass
			25	21.33	1.24	22.57	<=30	Pass
			50	21.56	1.24	22.80	<=30	Pass
		100	0	21.40	1.24	22.64	<=30	Pass
	1732.5	1	0	22.41	1.24	23.65	<=30	Pass
			50	23.57	1.24	24.81	<=30	Pass
			99	23.33	1.24	24.57	<=30	Pass
		50	0	21.34	1.24	22.58	<=30	Pass
			25	21.32	1.24	22.56	<=30	Pass
			50	21.44	1.24	22.68	<=30	Pass
		100	0	21.42	1.24	22.66	<=30	Pass
	1745	1	0	22.68	1.24	23.92	<=30	Pass
			50	22.44	1.24	23.68	<=30	Pass
			99	22.11	1.24	23.35	<=30	Pass
		50	0	21.50	1.24	22.74	<=30	Pass
			25	21.46	1.24	22.70	<=30	Pass
			50	21.38	1.24	22.62	<=30	Pass
		100	0	21.26	1.24	22.50	<=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	1.674	0.0010	-2.5 to 2.5	Pass
					NV	2.160	0.0012	-2.5 to 2.5	Pass
					HV	2.003	0.0012	-2.5 to 2.5	Pass
				-30	NV	1.974	0.0011	-2.5 to 2.5	Pass
				-20	NV	1.931	0.0011	-2.5 to 2.5	Pass
				-10	NV	1.502	0.0009	-2.5 to 2.5	Pass
				0	NV	1.459	0.0008	-2.5 to 2.5	Pass
				10	NV	1.717	0.0010	-2.5 to 2.5	Pass
				30	NV	1.302	0.0008	-2.5 to 2.5	Pass
				40	NV	0.157	0.0001	-2.5 to 2.5	Pass
				50	NV	0.629	0.0004	-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	1.111	/	Pass
	16QAM	1732.5	6	0	1.114	/	Pass
3	QPSK	1732.5	15	0	2.747	/	Pass
	16QAM	1732.5	15	0	2.744	/	Pass
5	QPSK	1732.5	25	0	4.557	/	Pass
	16QAM	1732.5	25	0	4.531	/	Pass
10	QPSK	1732.5	50	0	9.053	/	Pass
	16QAM	1732.5	50	0	9.051	/	Pass
15	QPSK	1732.5	75	0	13.564	/	Pass
	16QAM	1732.5	75	0	13.545	/	Pass
20	QPSK	1732.5	100	0	18.105	/	Pass
	16QAM	1732.5	100	0	18.093	/	Pass

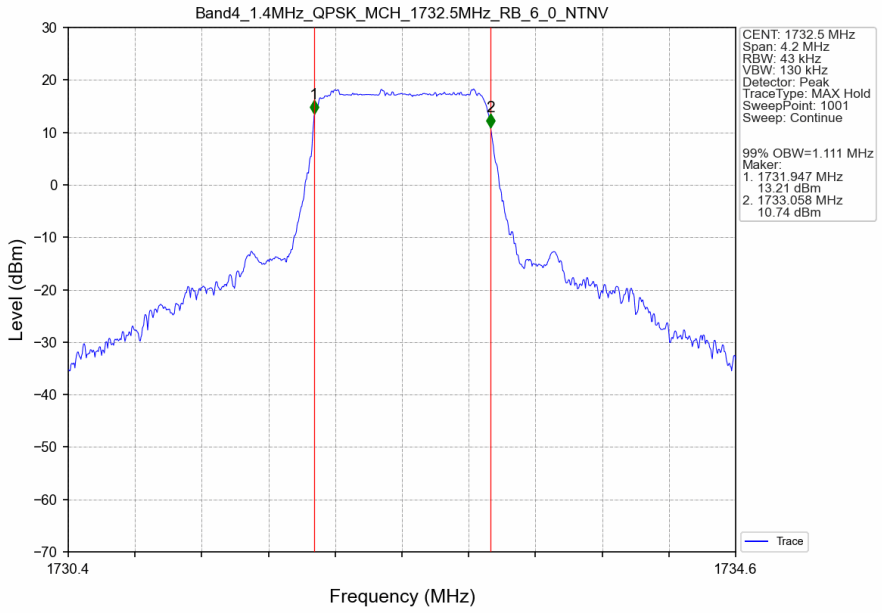
3.1.2 Band4_XDB

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	1.329	/	Pass
	16QAM	1732.5	6	0	1.329	/	Pass
3	QPSK	1732.5	15	0	3.070	/	Pass
	16QAM	1732.5	15	0	3.059	/	Pass
5	QPSK	1732.5	25	0	5.096	/	Pass
	16QAM	1732.5	25	0	5.044	/	Pass
10	QPSK	1732.5	50	0	10.124	/	Pass
	16QAM	1732.5	50	0	10.043	/	Pass
15	QPSK	1732.5	75	0	14.935	/	Pass
	16QAM	1732.5	75	0	14.990	/	Pass
20	QPSK	1732.5	100	0	19.811	/	Pass
	16QAM	1732.5	100	0	19.854	/	Pass

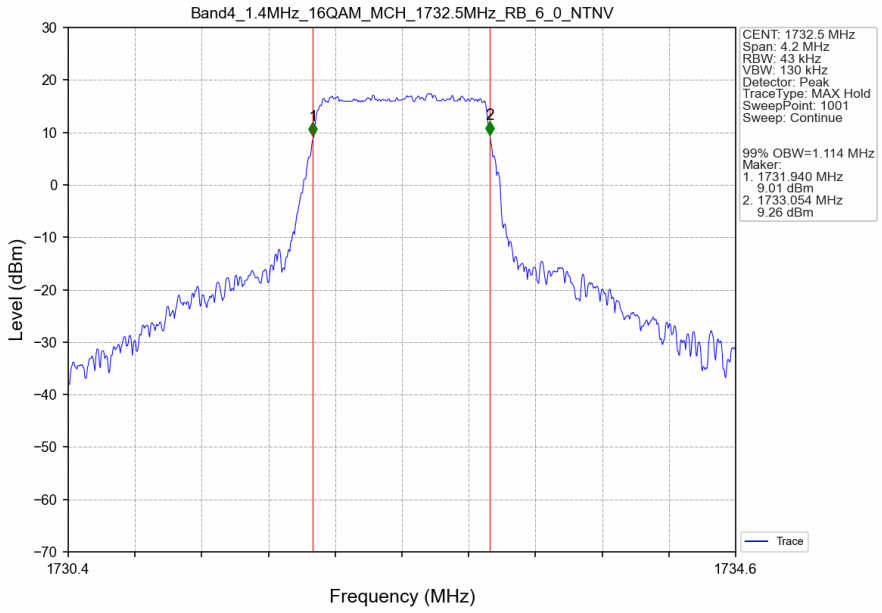
3.2 Test Graph

3.2.1 Band4_OBW

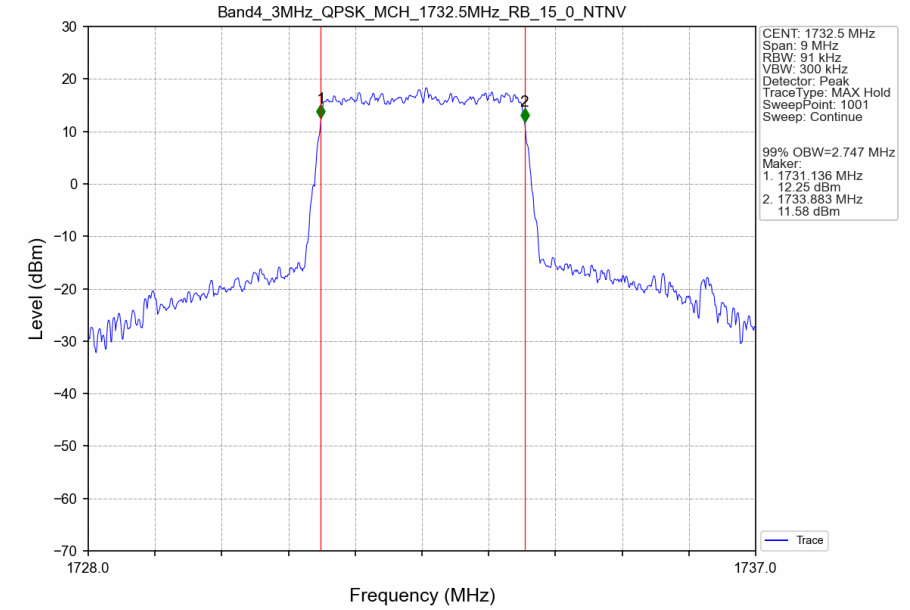
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



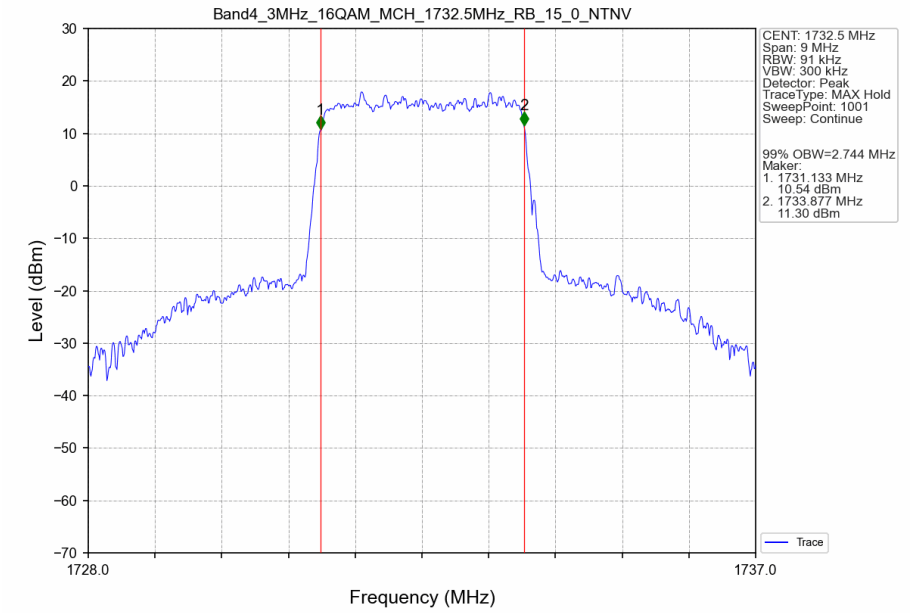
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



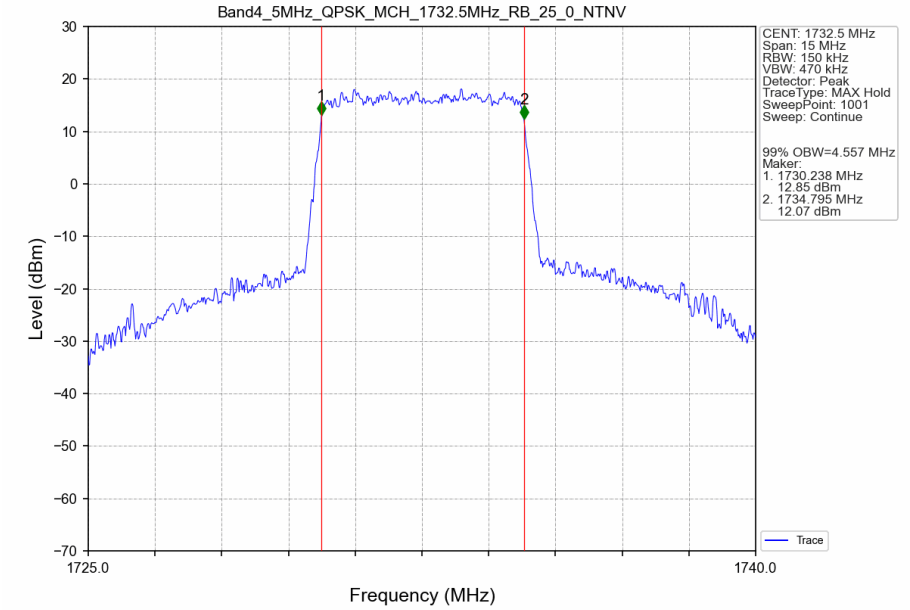
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



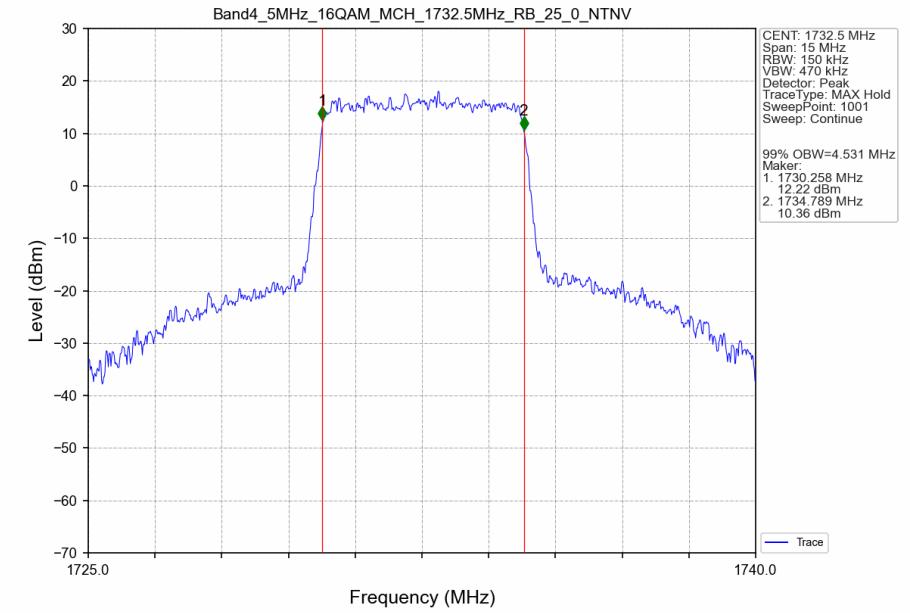
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



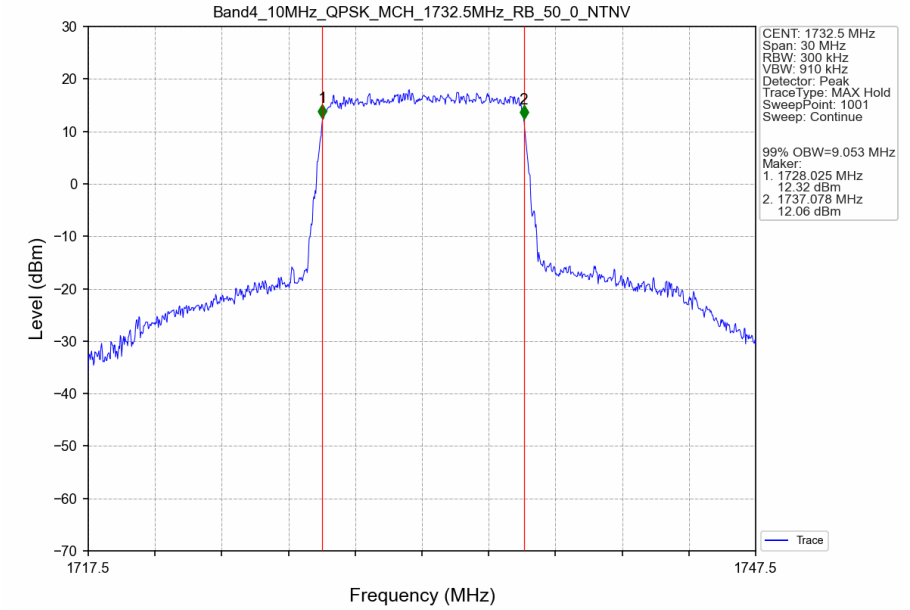
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



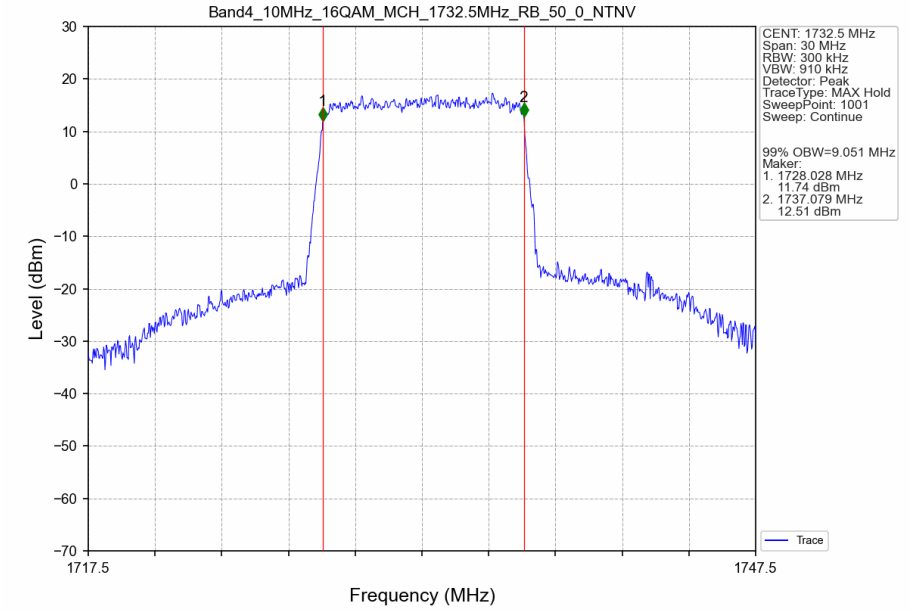
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



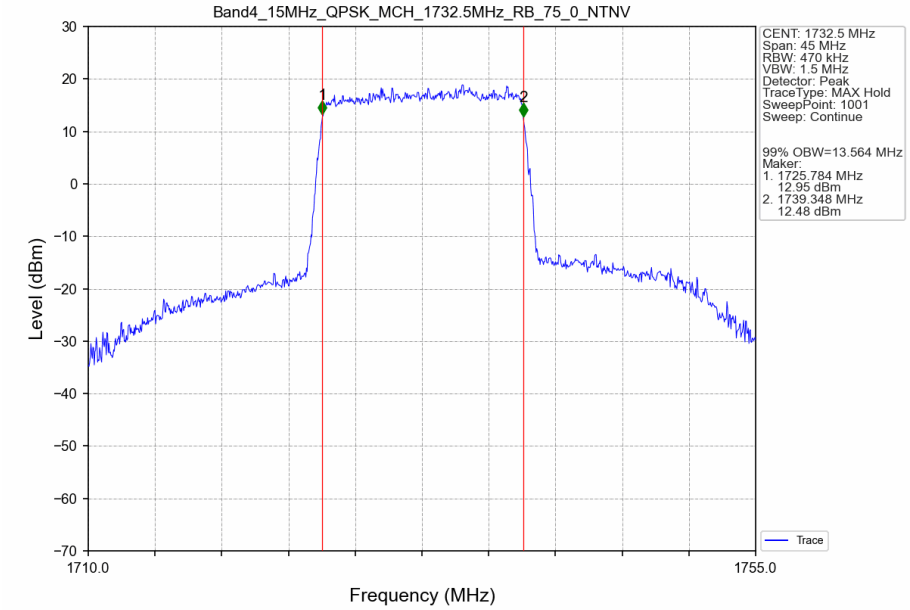
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



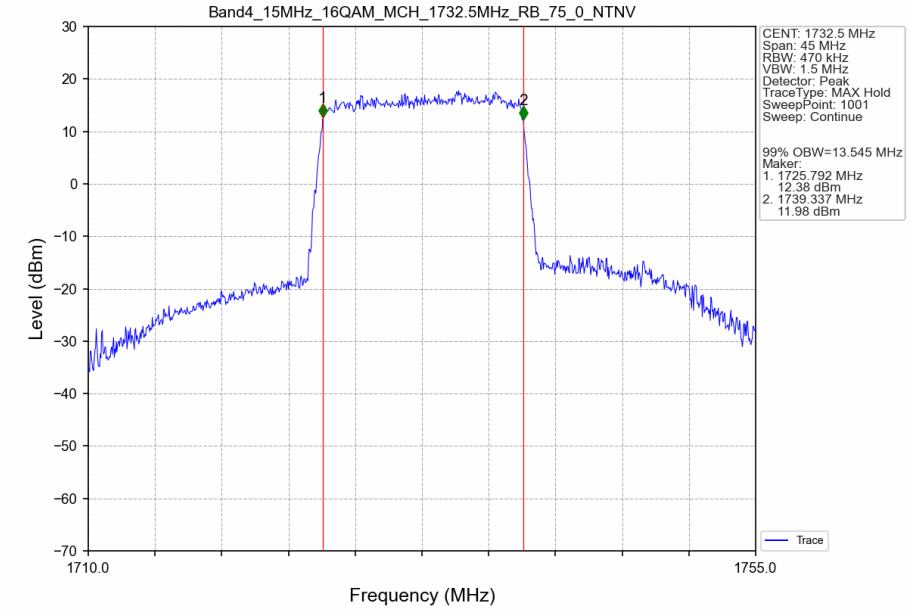
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



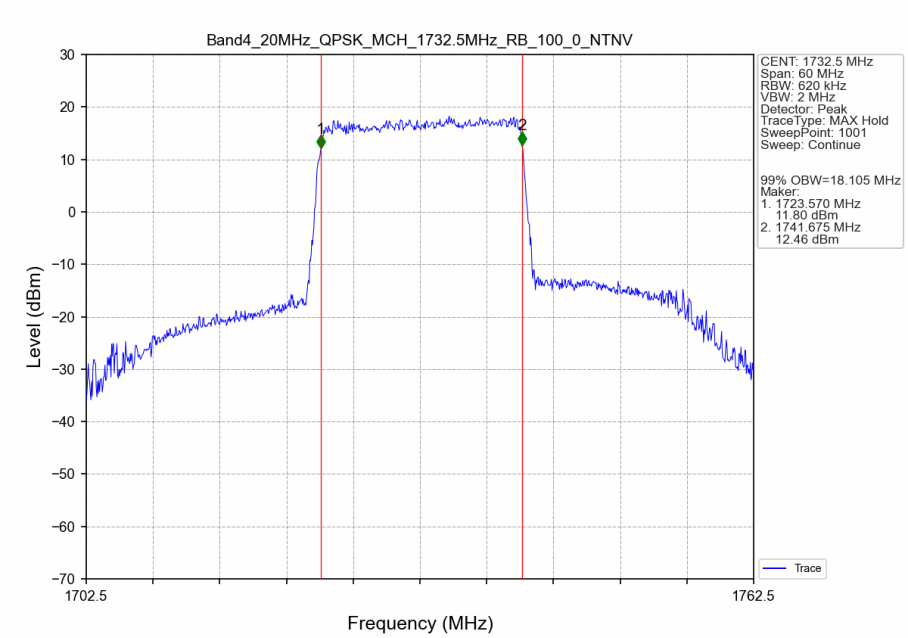
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



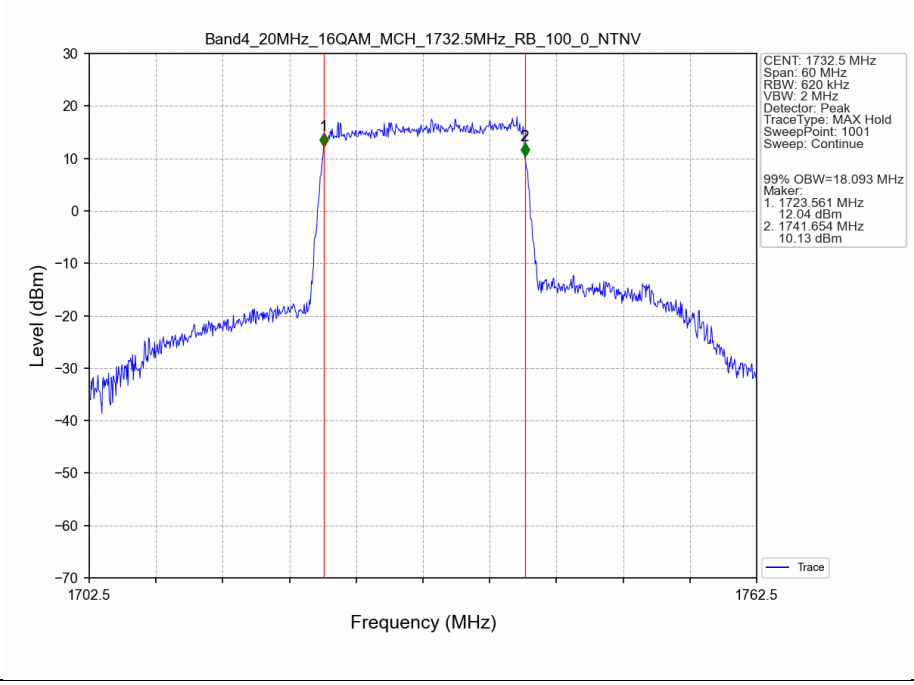
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

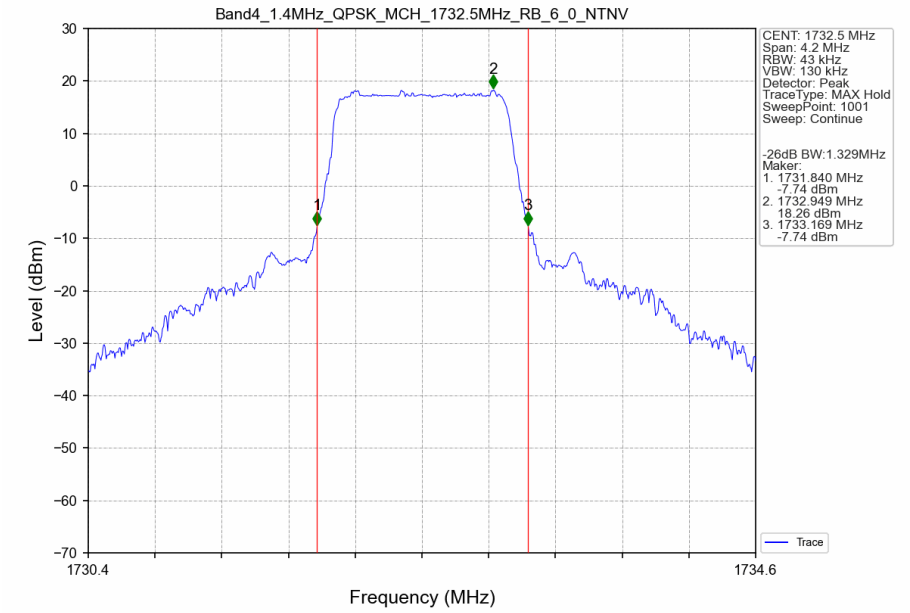


Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

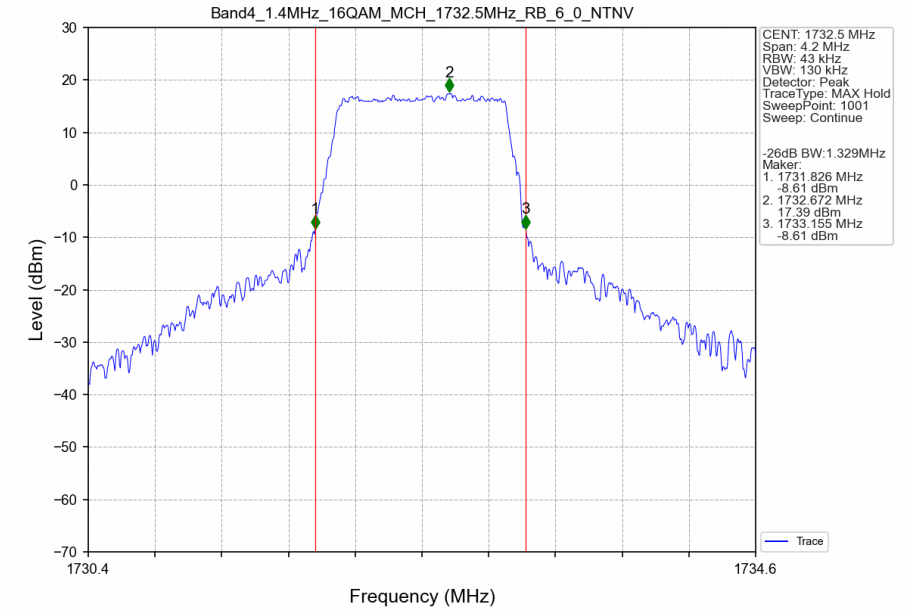


3.2.2 Band4_XDB

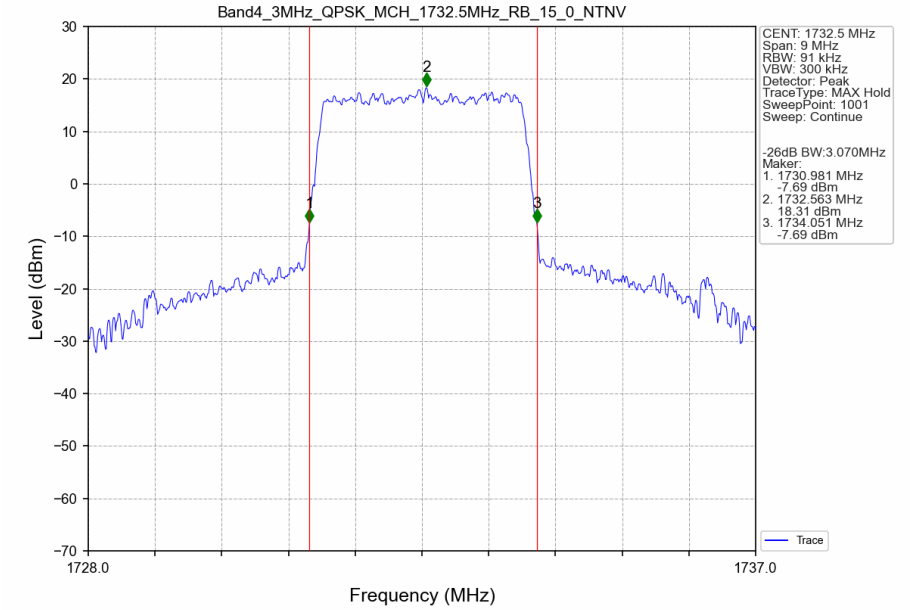
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



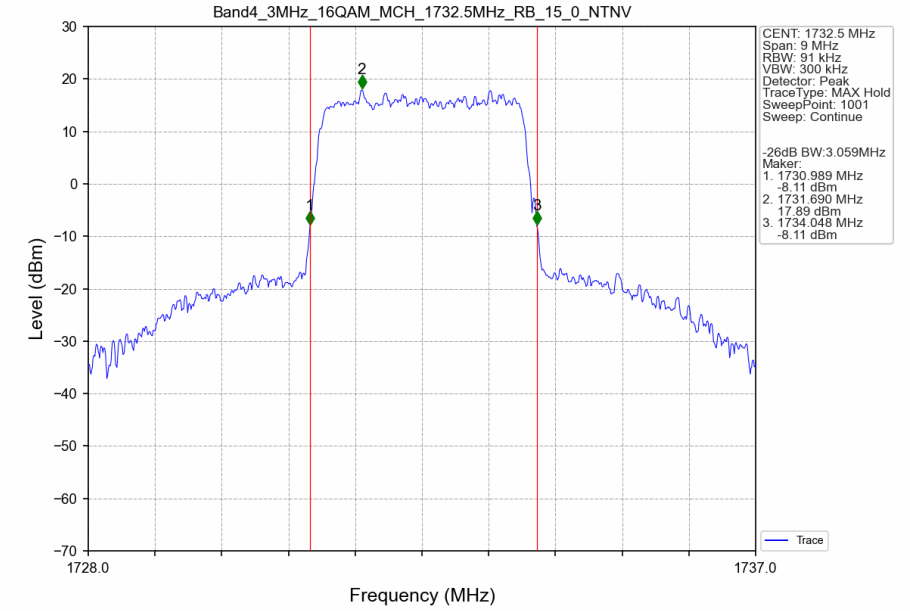
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



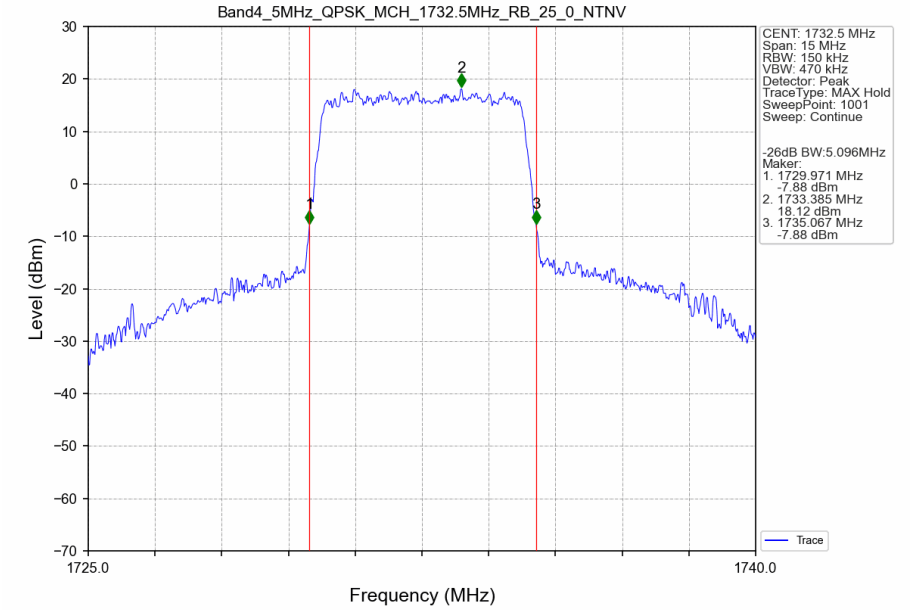
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



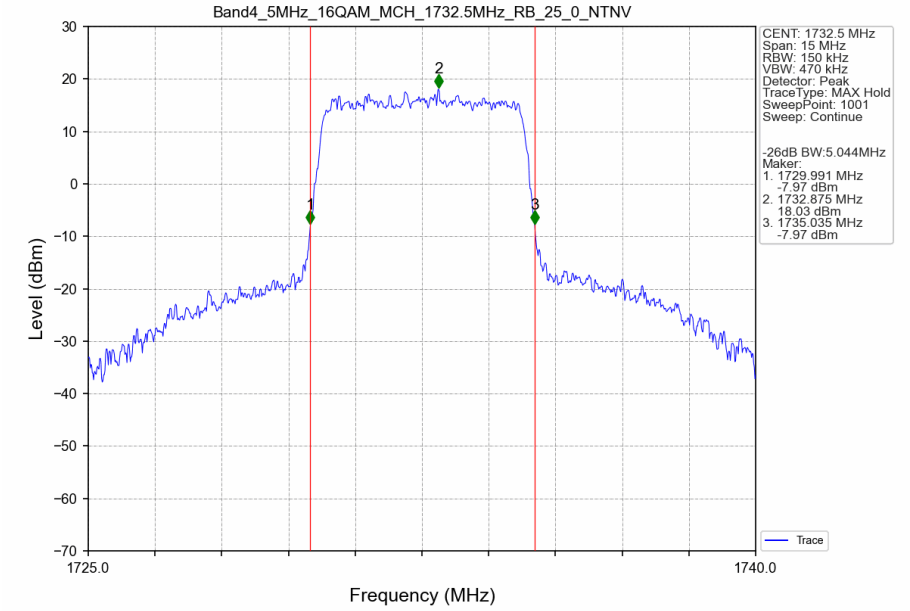
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



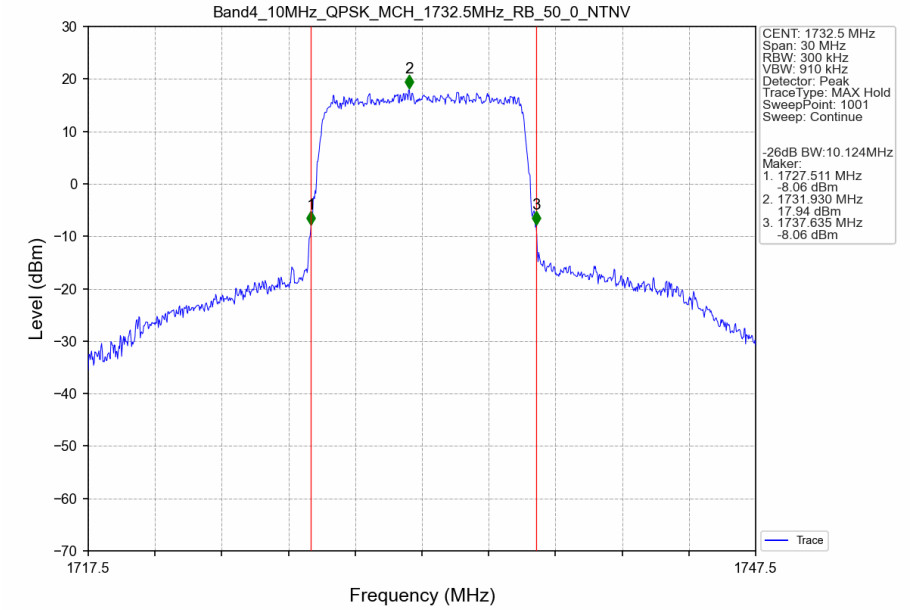
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



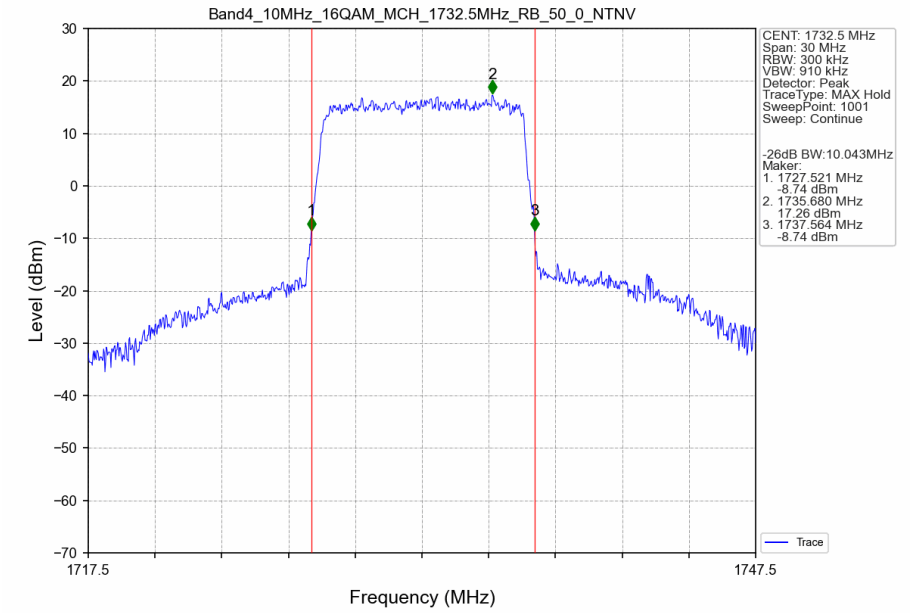
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



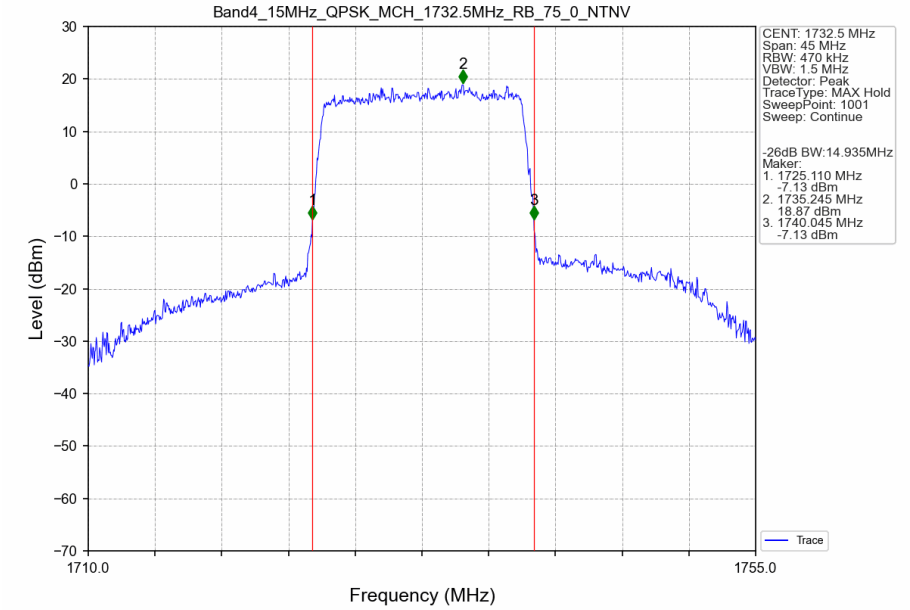
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



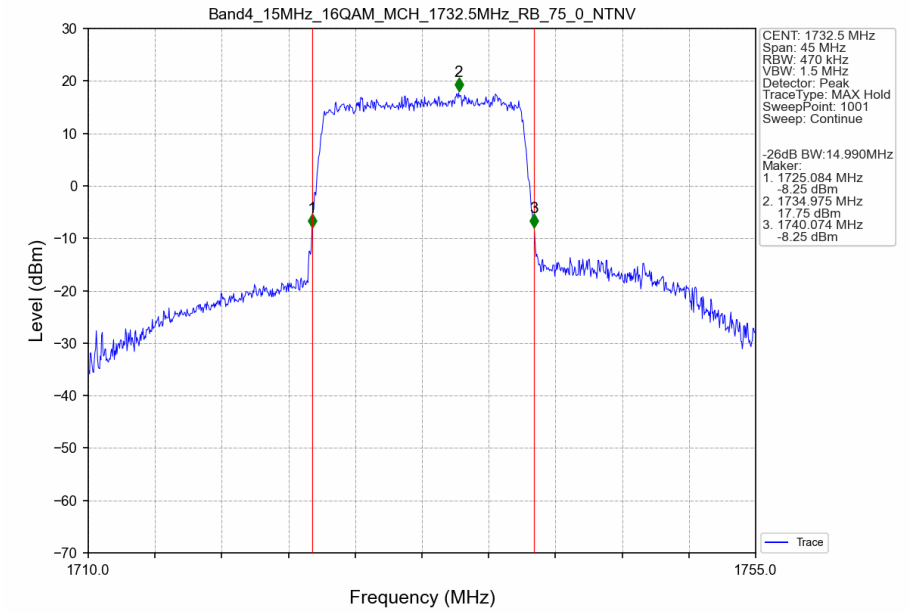
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



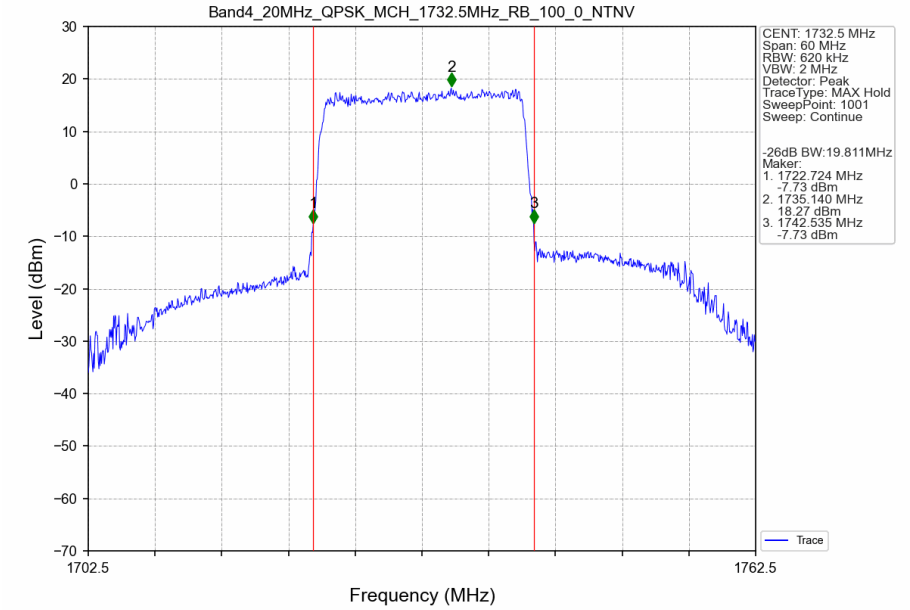
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



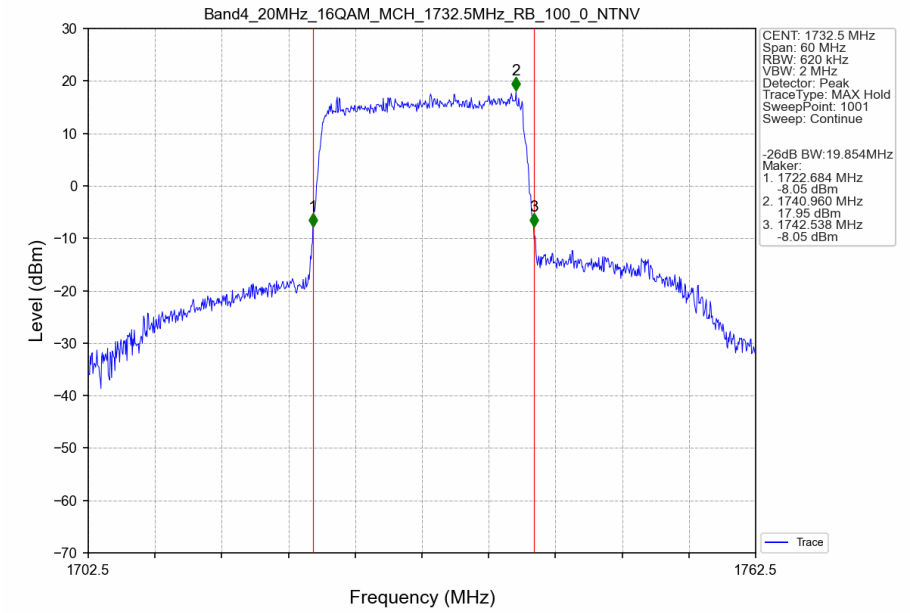
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



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

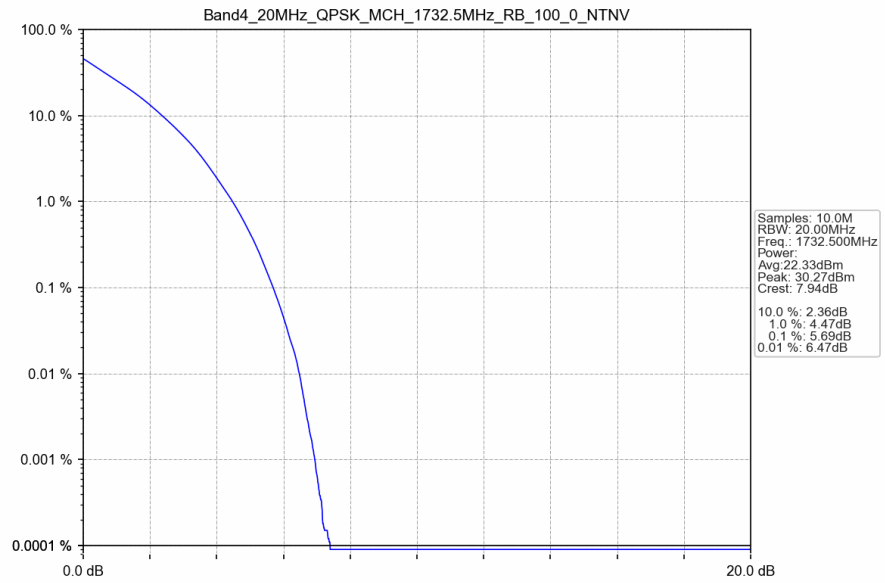
4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.69	<=13	Pass
16QAM	1732.5	100	0	6.46	<=13	Pass

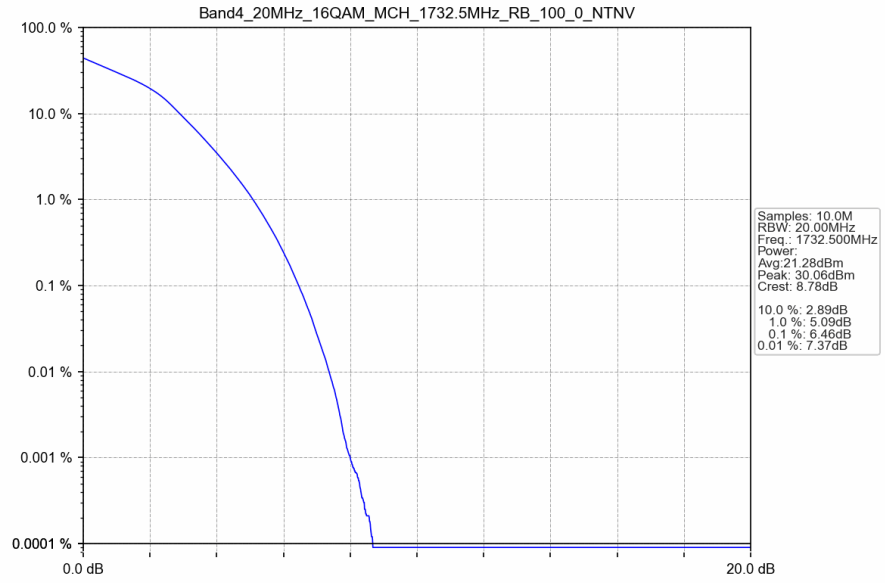
4.2 Test Graph

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

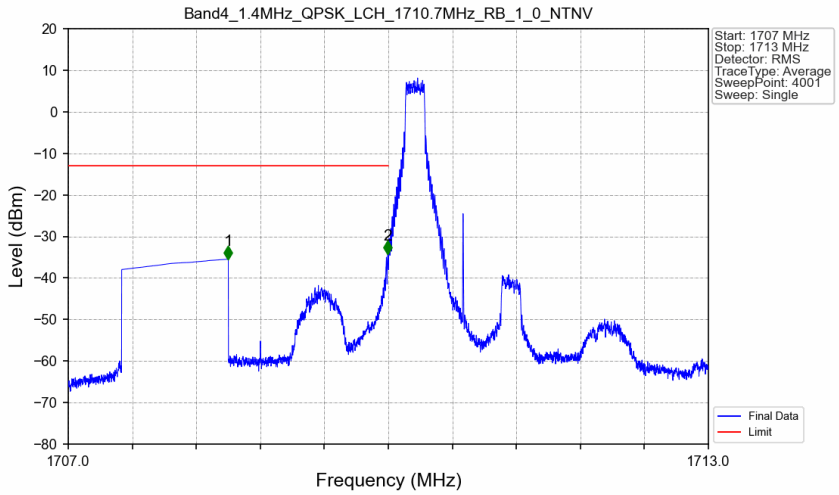
5.1.6 B4_20MHz

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

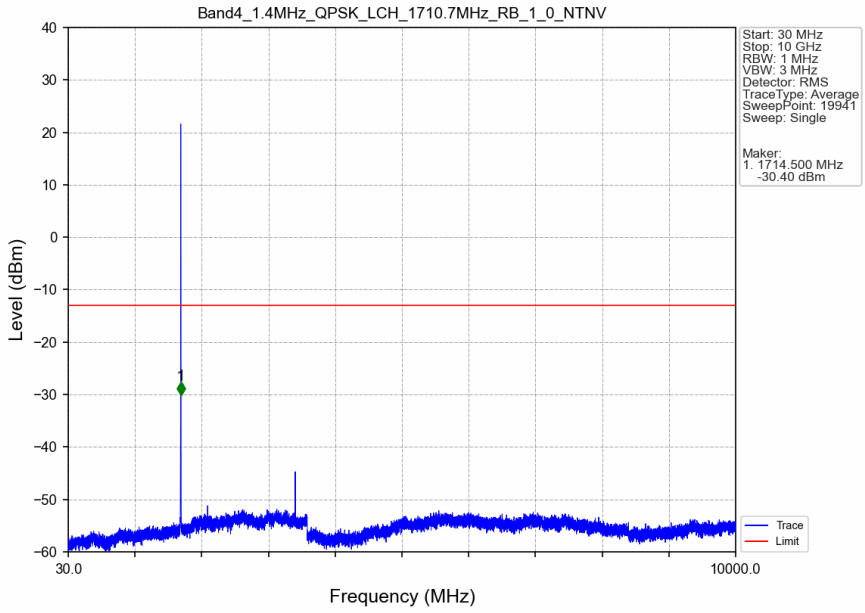
5.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

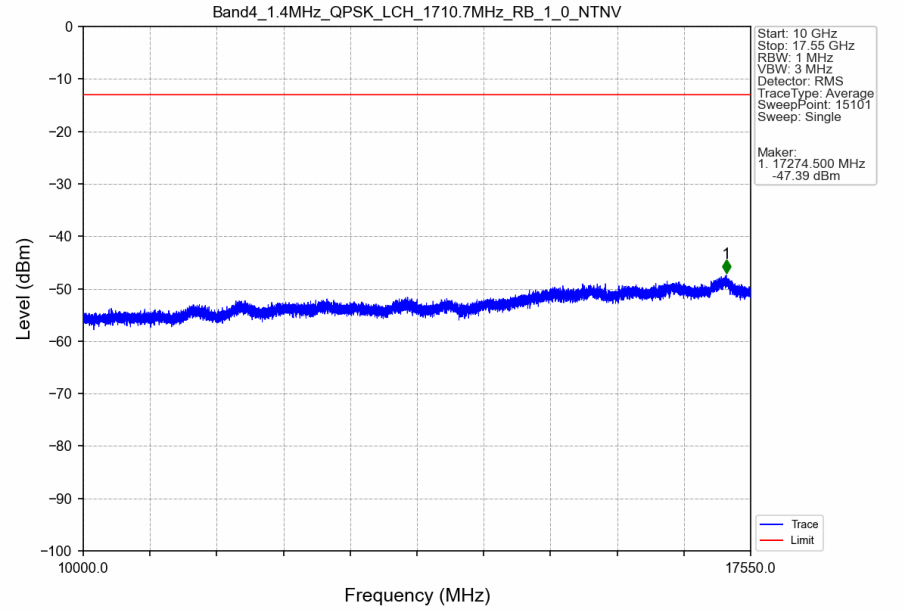


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.497	-35.48	-13	Pass
1709	1710	0.003	/	2	1709.994	-34.23	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

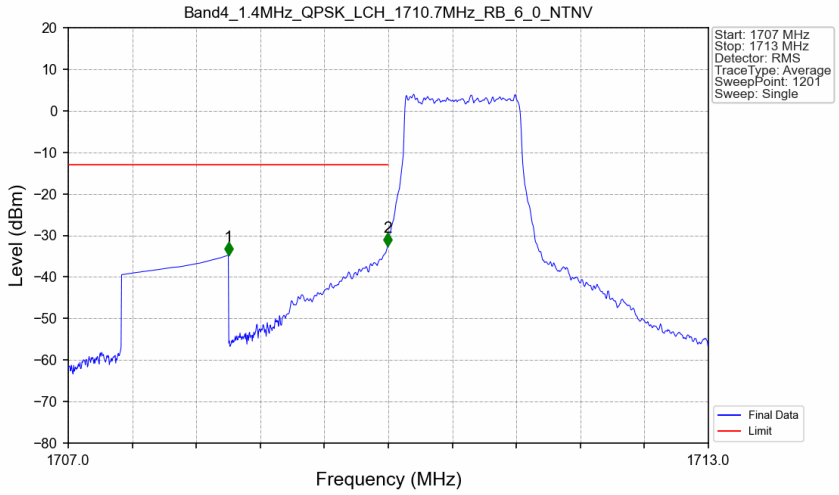
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

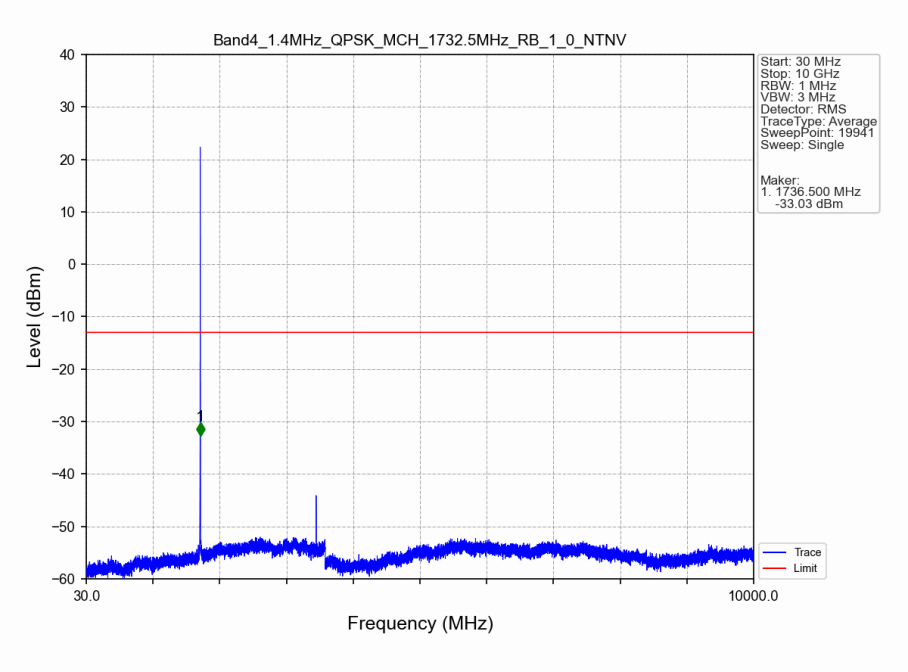


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

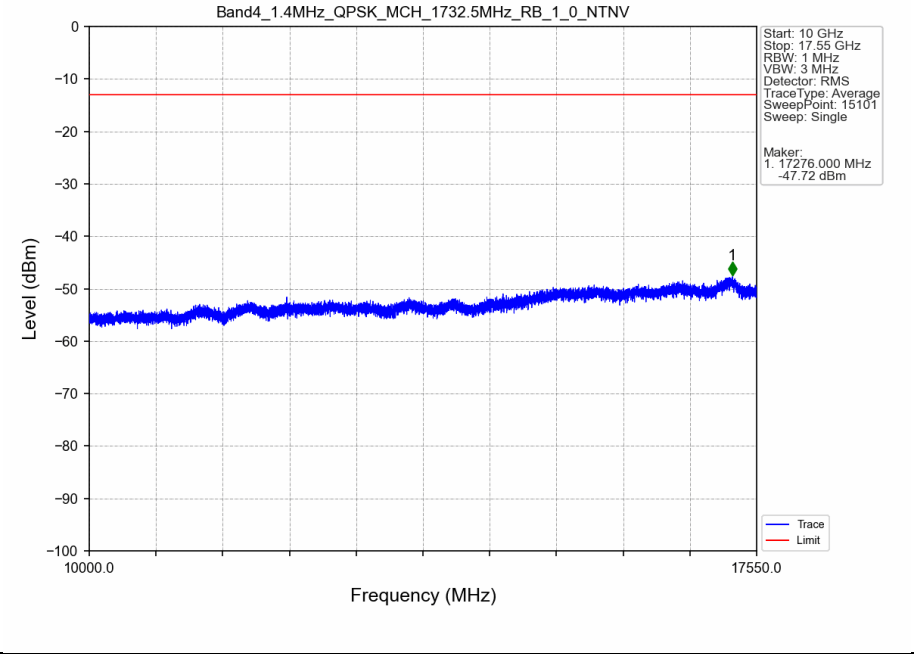


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-34.77	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-32.53	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

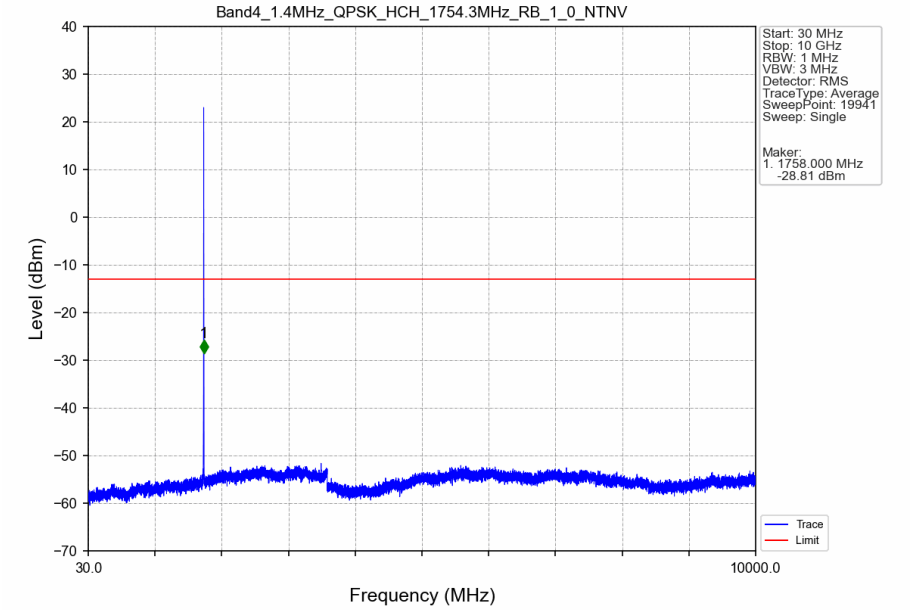
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



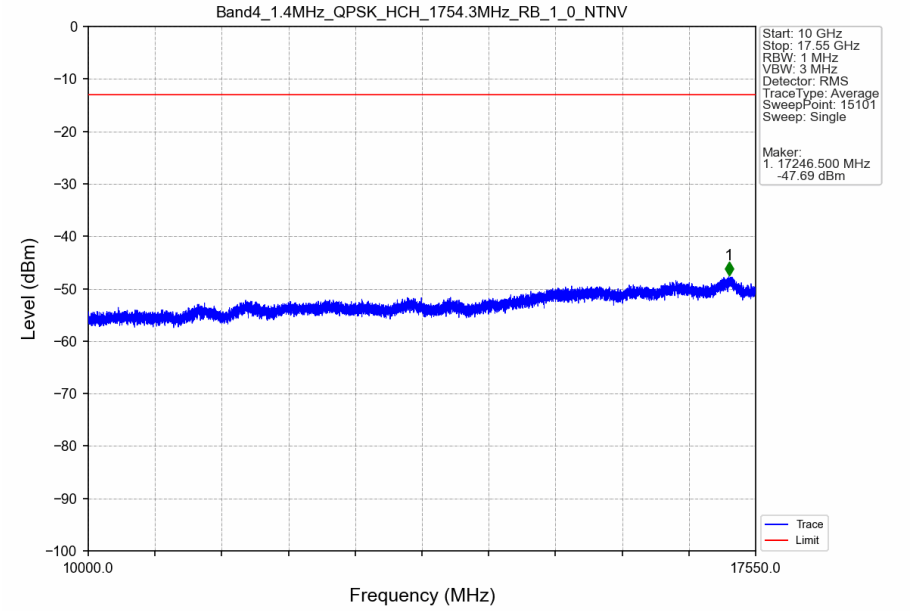
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



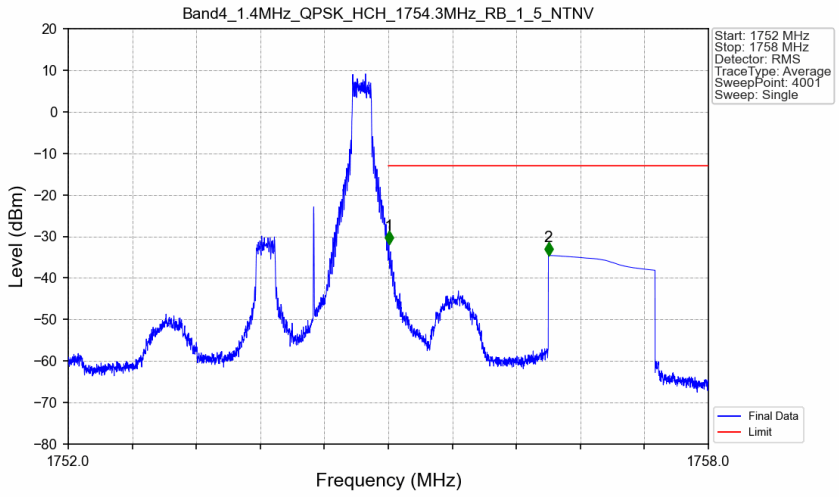
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

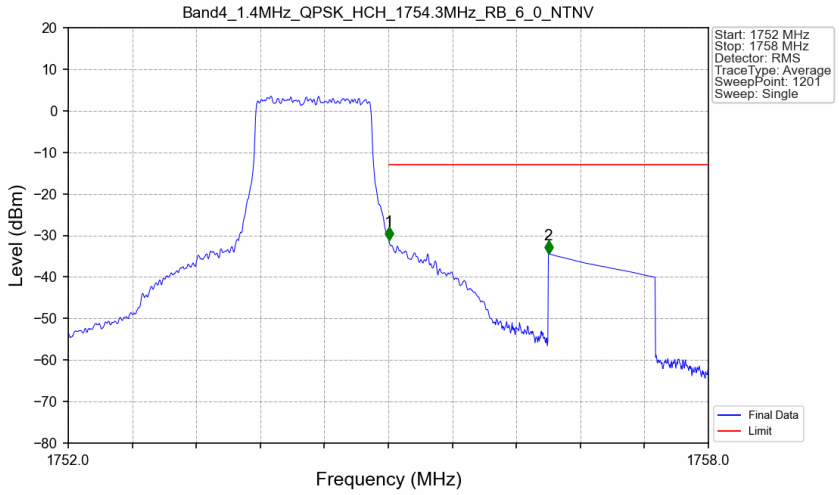


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



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	1755.006	-31.85	-13	Pass
1756	1758	1	CHP	2	1756.500	-34.56	-13	Pass

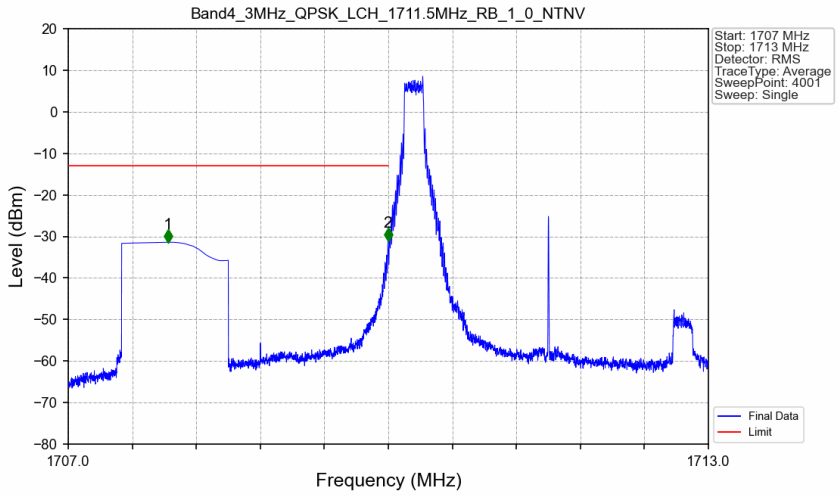
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



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	-31.05	-13	Pass
1756	1758	1	CHP	2	1756.500	-34.40	-13	Pass

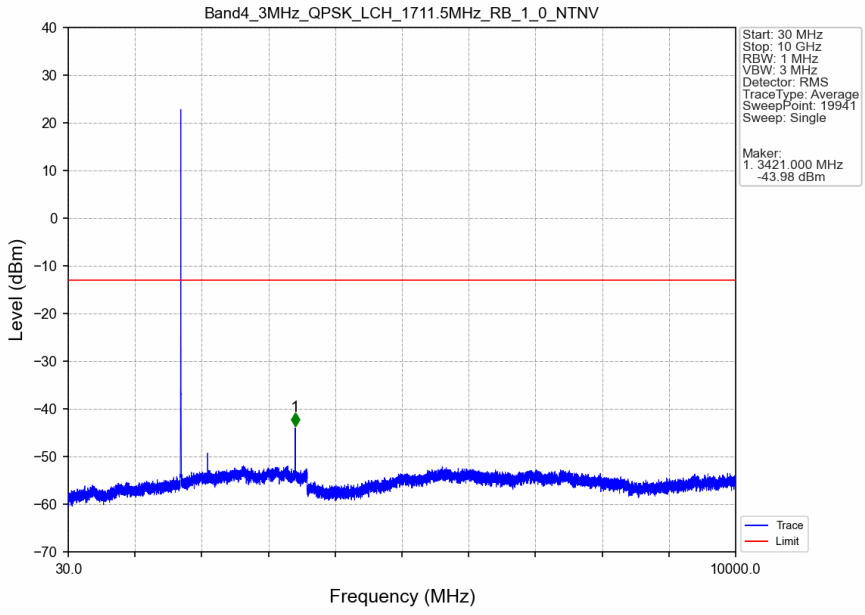
5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

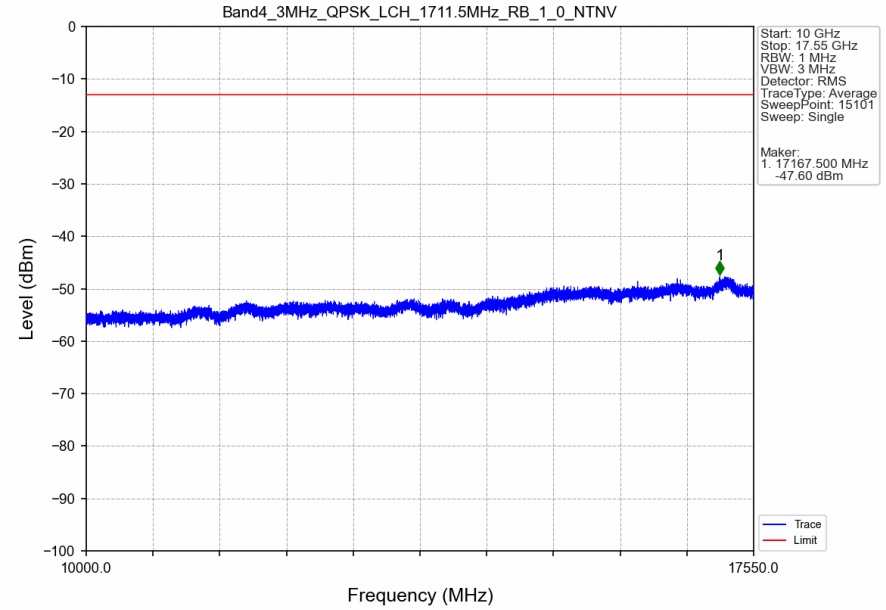


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1707.936	-31.41	-13	Pass
1709	1710	0.003	/	2	1709.997	-31.21	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

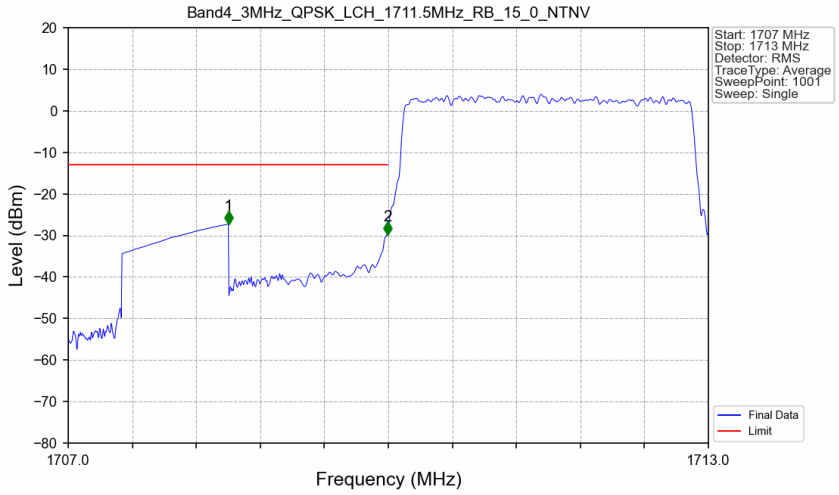
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

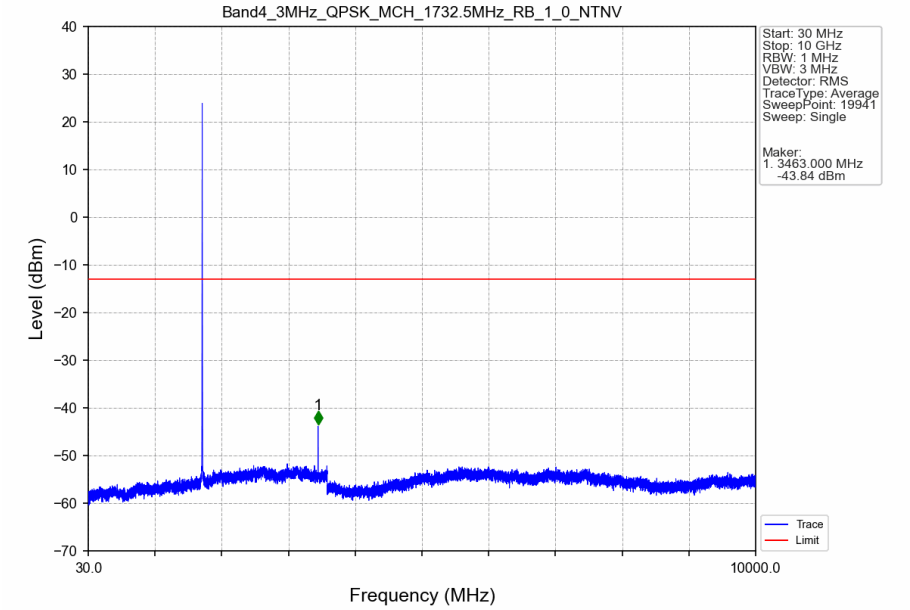


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

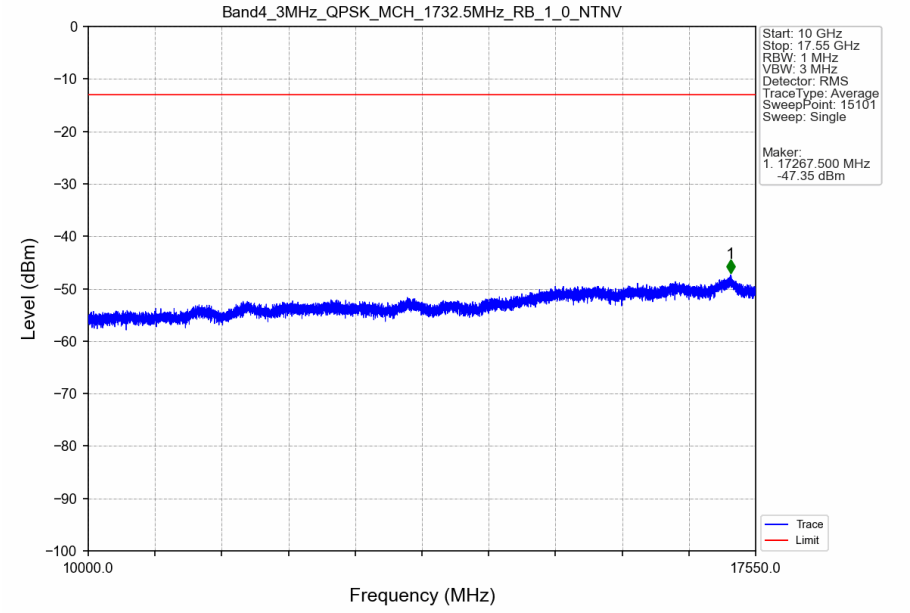


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-27.28	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-29.83	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

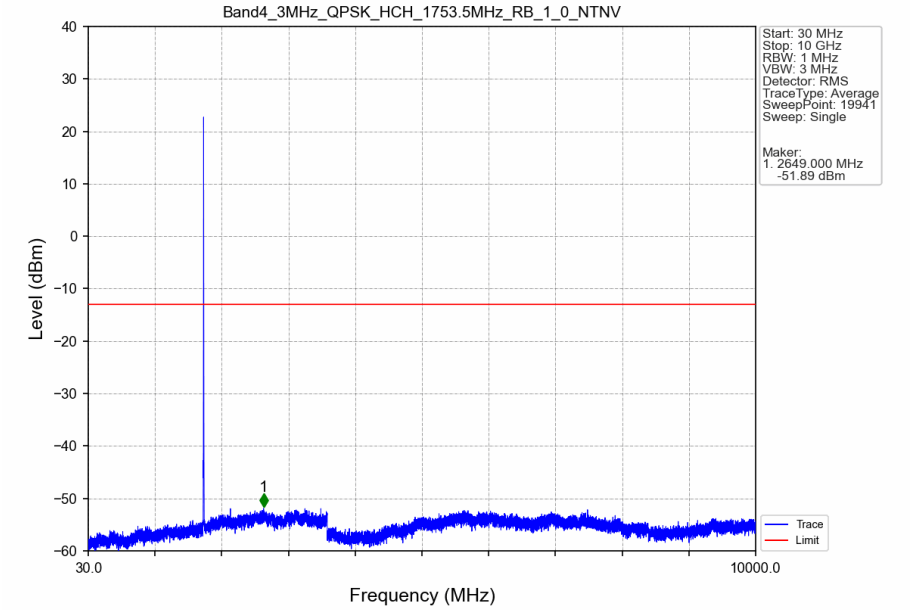
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



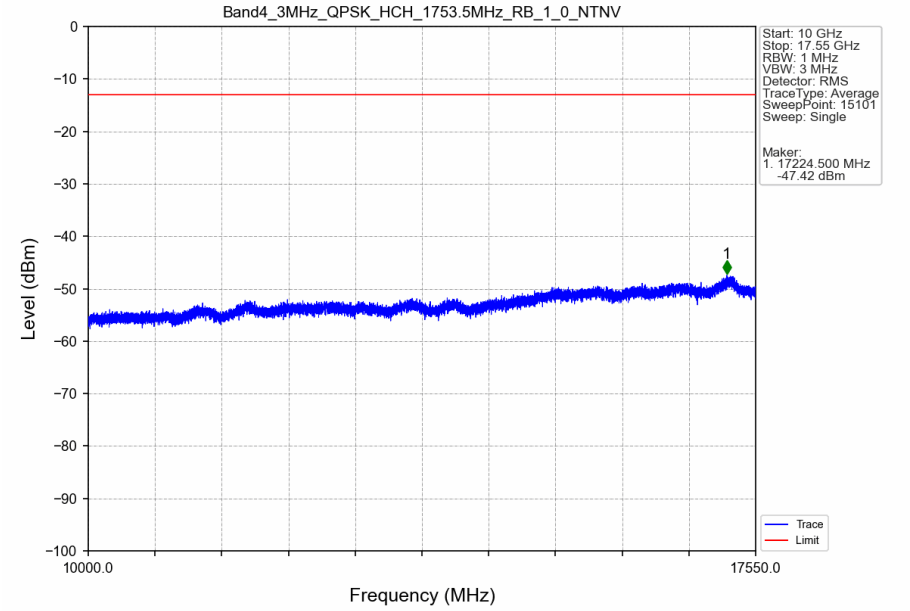
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



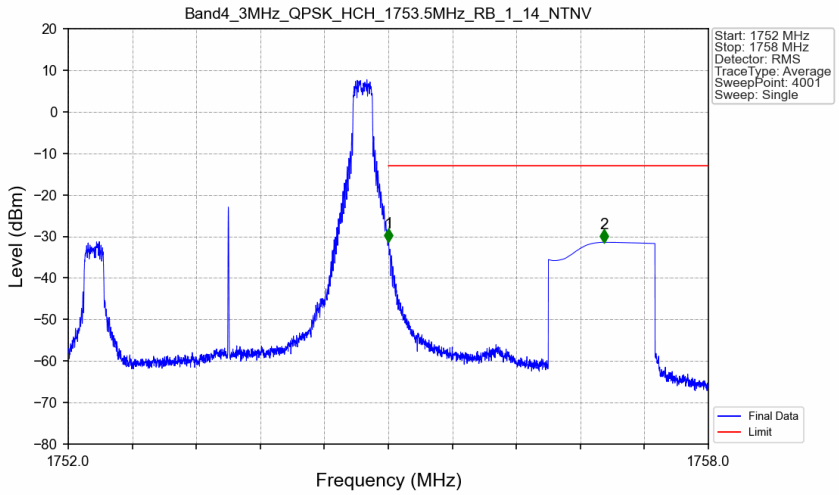
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

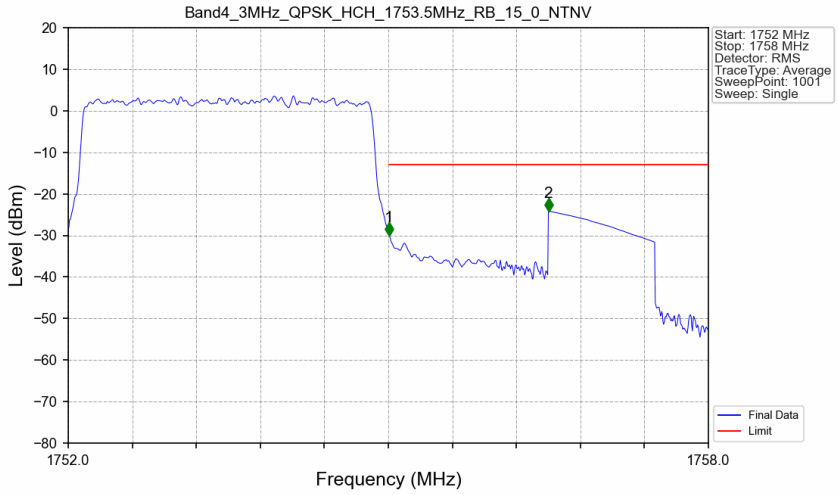


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



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	1755.003	-31.28	-13	Pass
1756	1758	1	CHP	2	1757.022	-31.41	-13	Pass

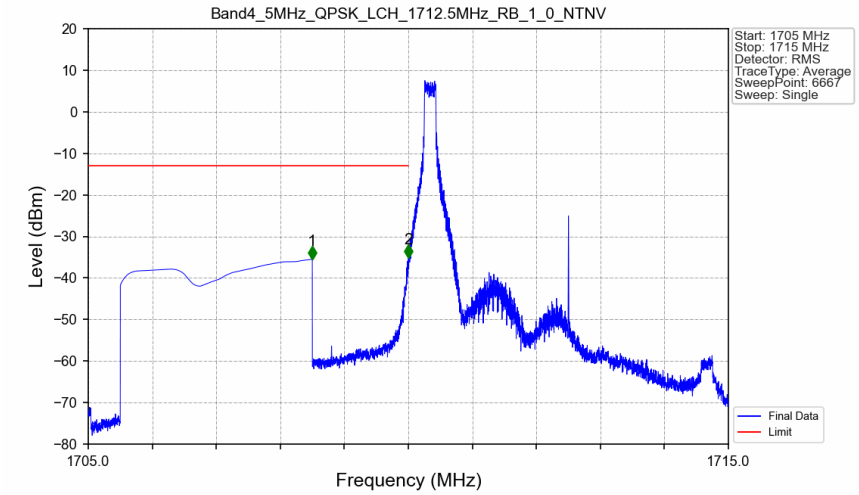
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-29.98	-13	Pass
1756	1758	1	CHP	2	1756.500	-24.17	-13	Pass

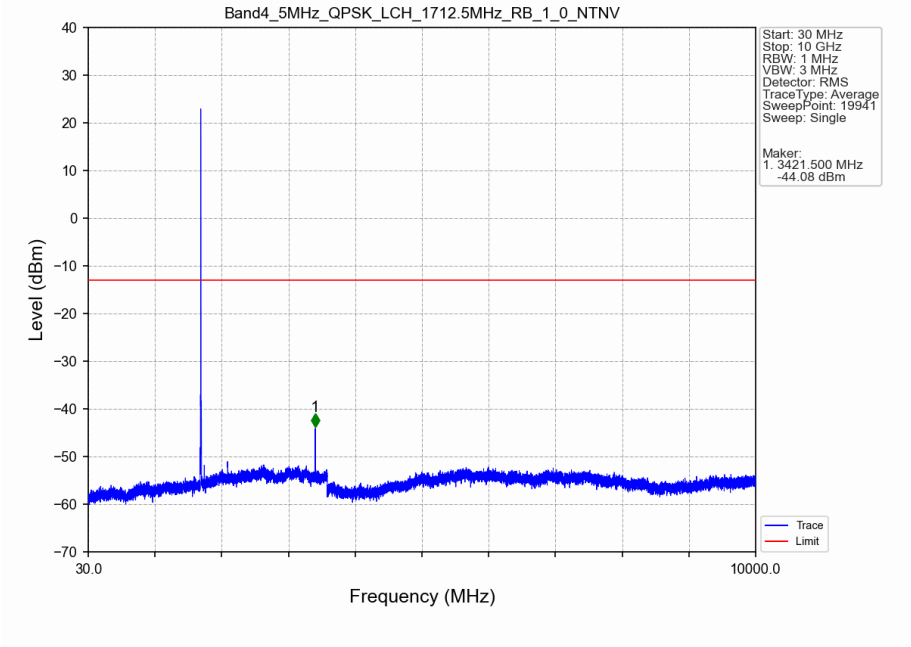
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

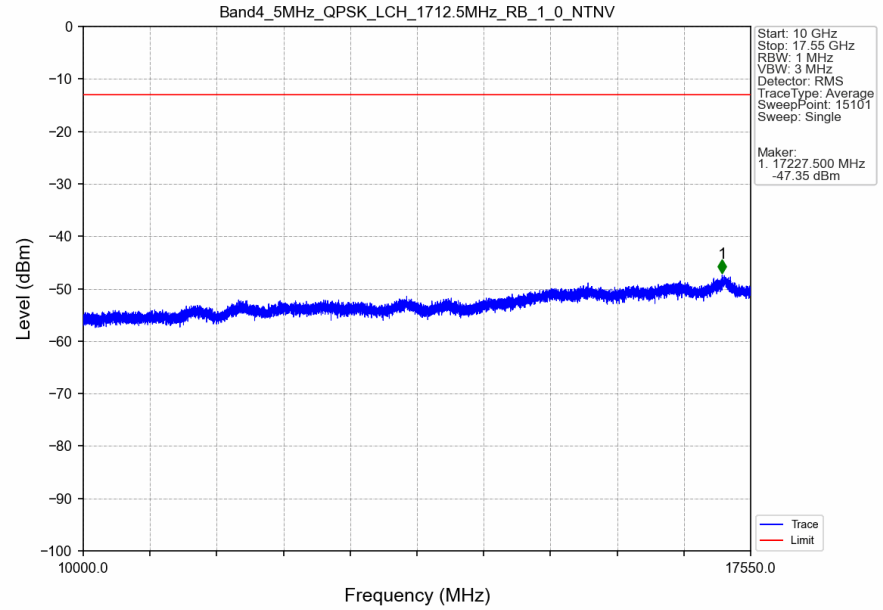


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.498	-35.49	-13	Pass
1709	1710	0.003	/	2	1709.998	-35.08	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

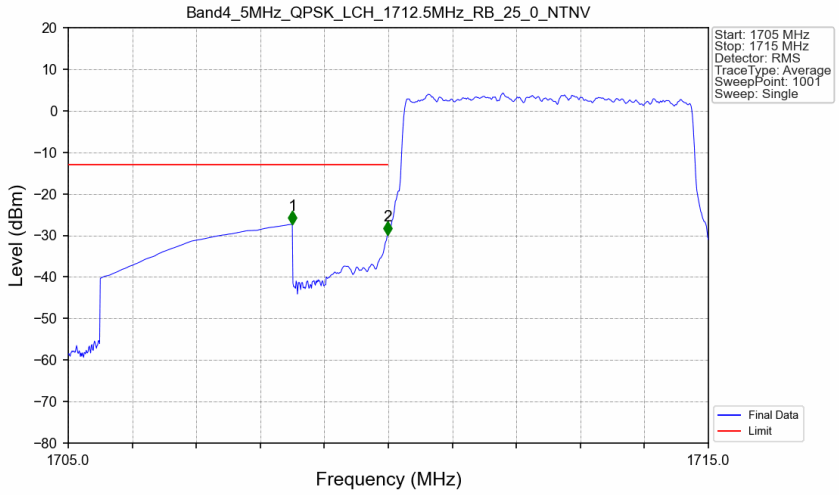
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

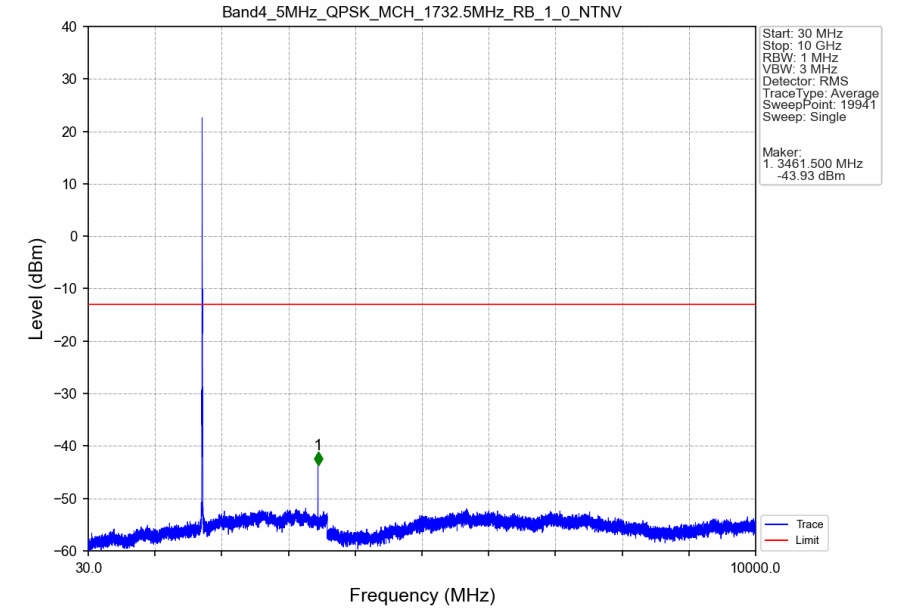


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

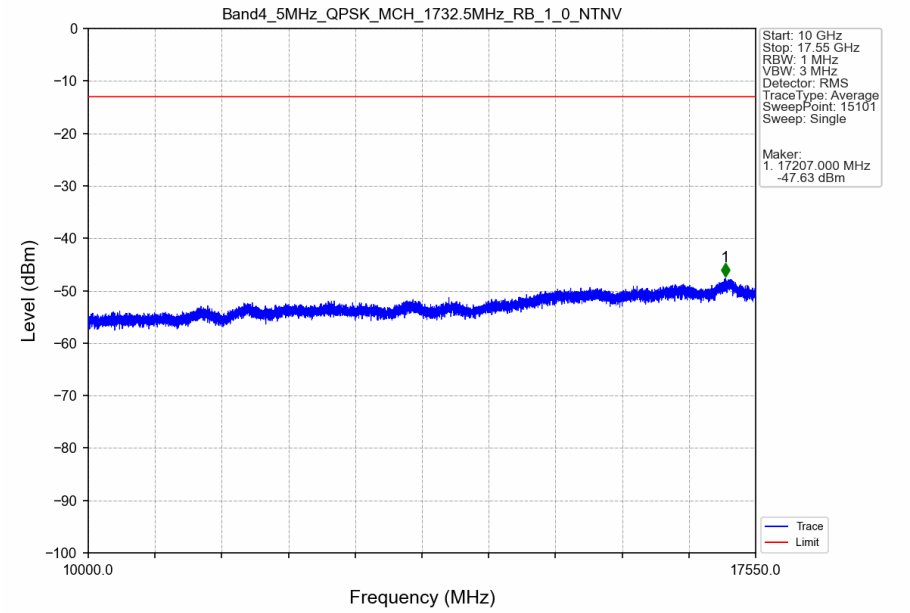


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-27.33	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-29.81	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

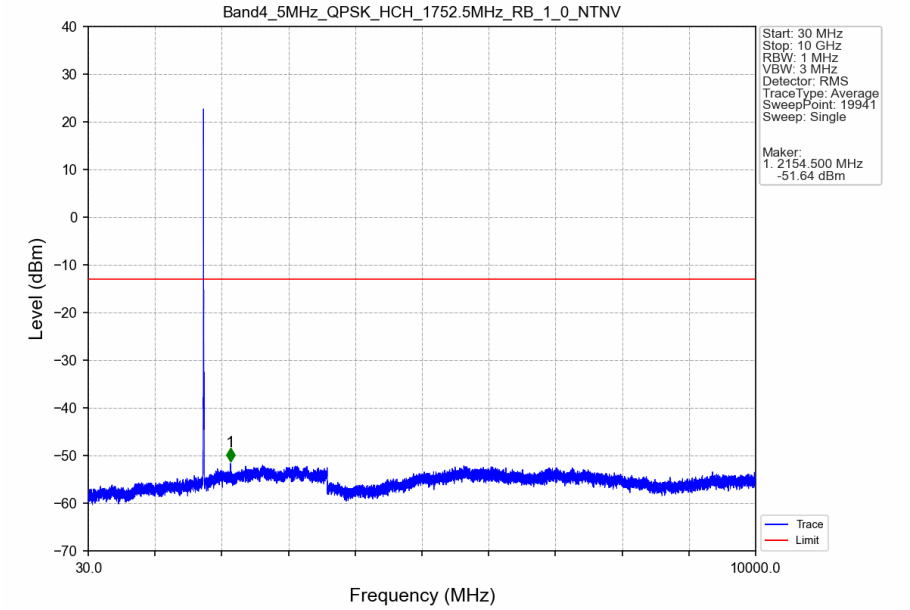
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



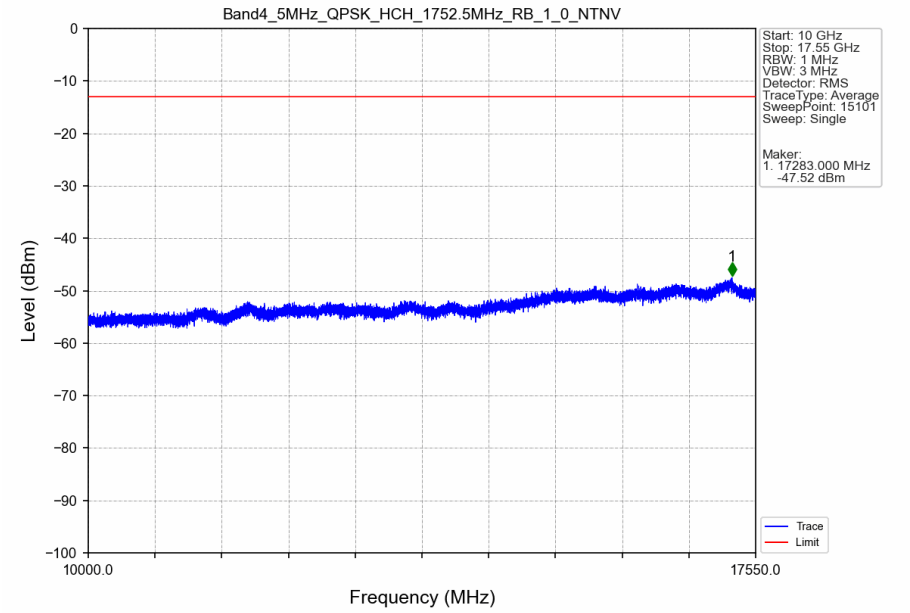
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



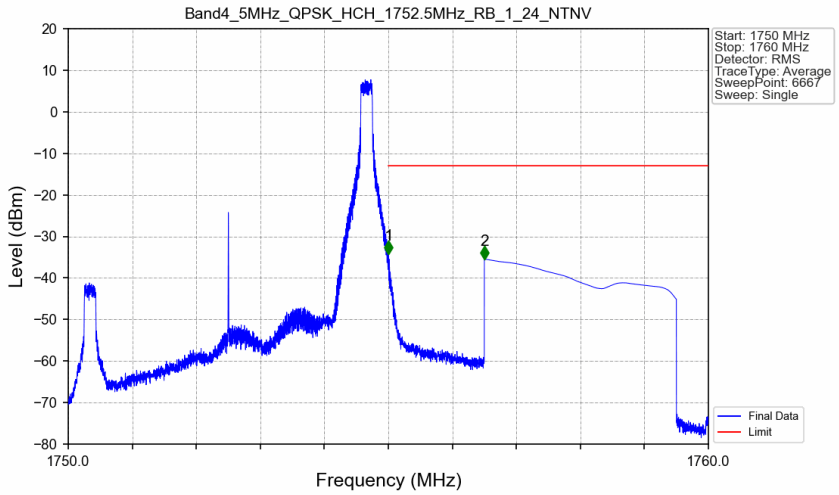
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

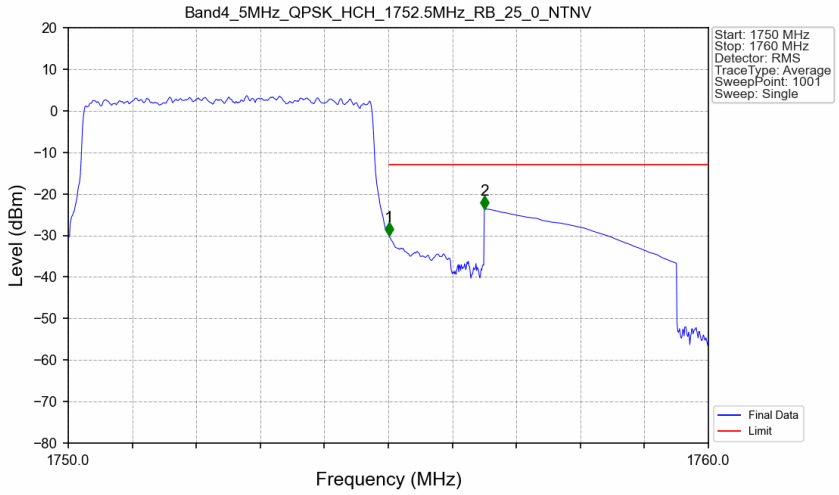


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



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	1755.002	-34.23	-13	Pass
1756	1760	1	CHP	2	1756.500	-35.47	-13	Pass

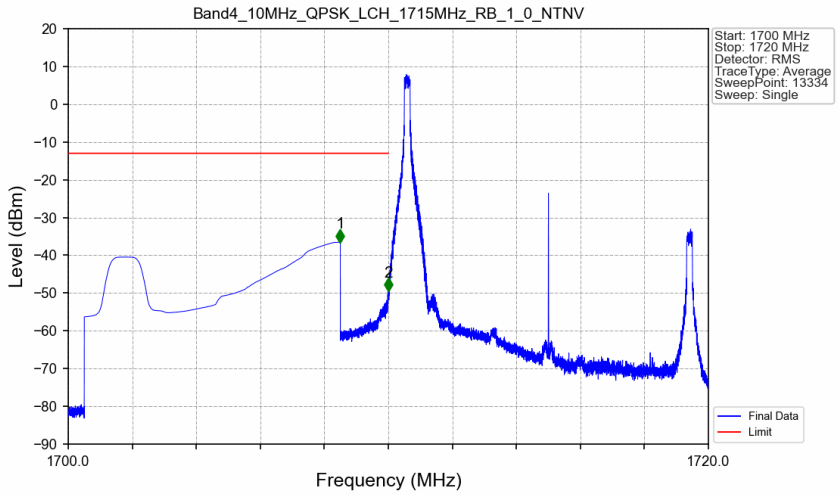
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



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	-30.09	-13	Pass
1756	1760	1	CHP	2	1756.500	-23.63	-13	Pass

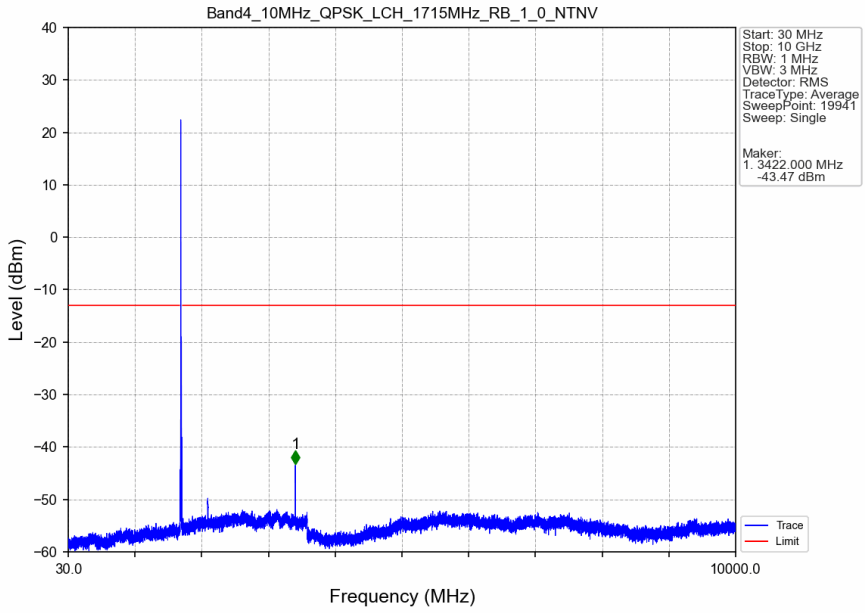
5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

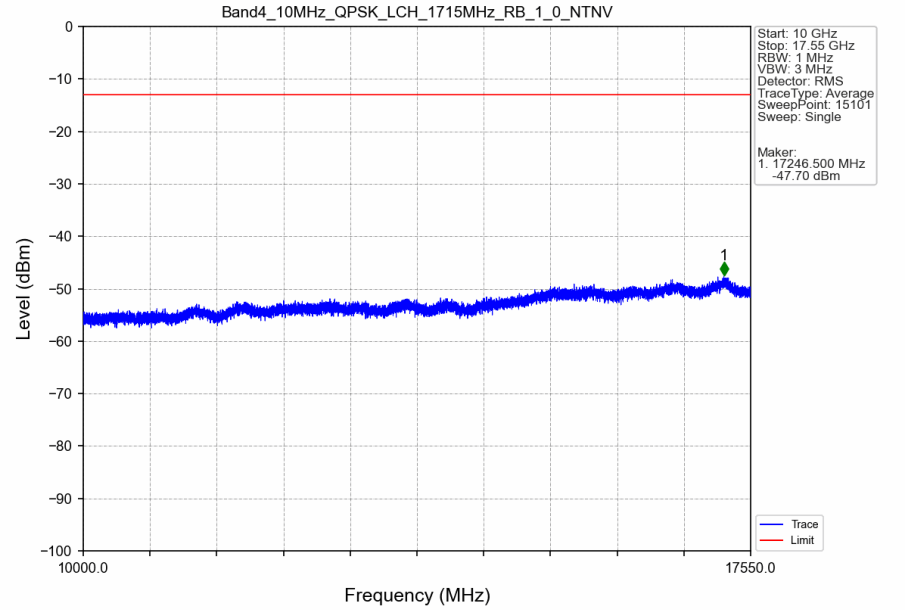


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.493	-36.54	-13	Pass
1709	1710	0.003	/	2	1709.999	-49.50	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

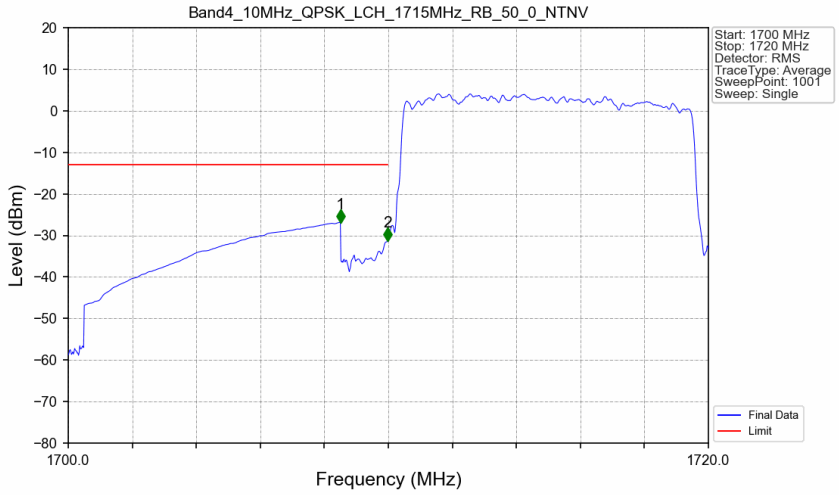
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

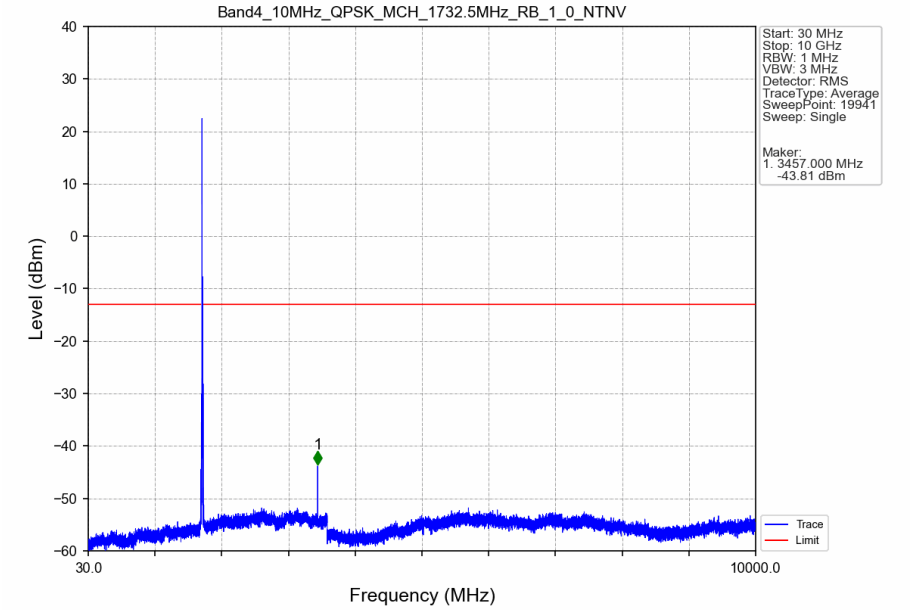


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

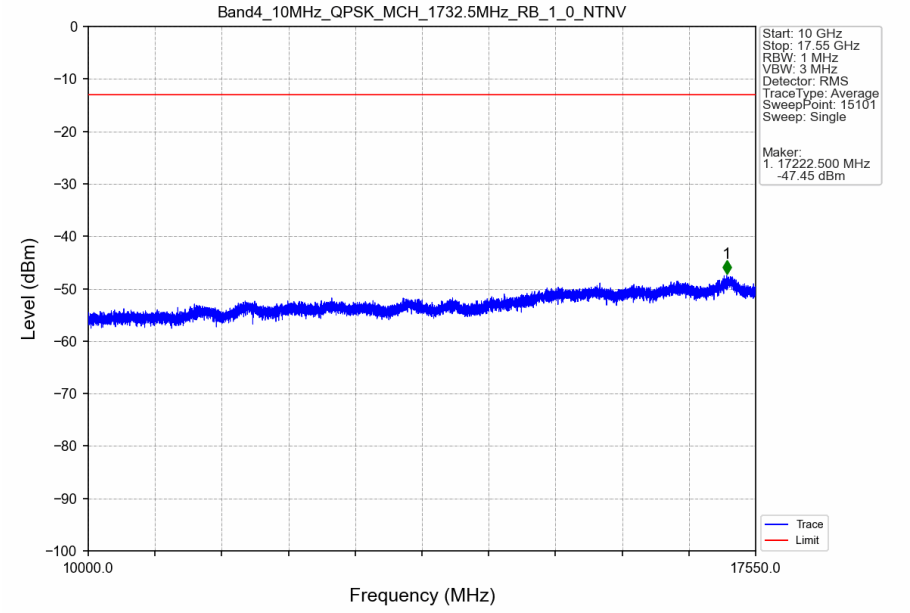


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-26.89	-13	Pass
1709	1710	0.101	CHP	2	1709.980	-31.26	-13	Pass
1710	1720	0.101	CHP	/	/	/	/	/

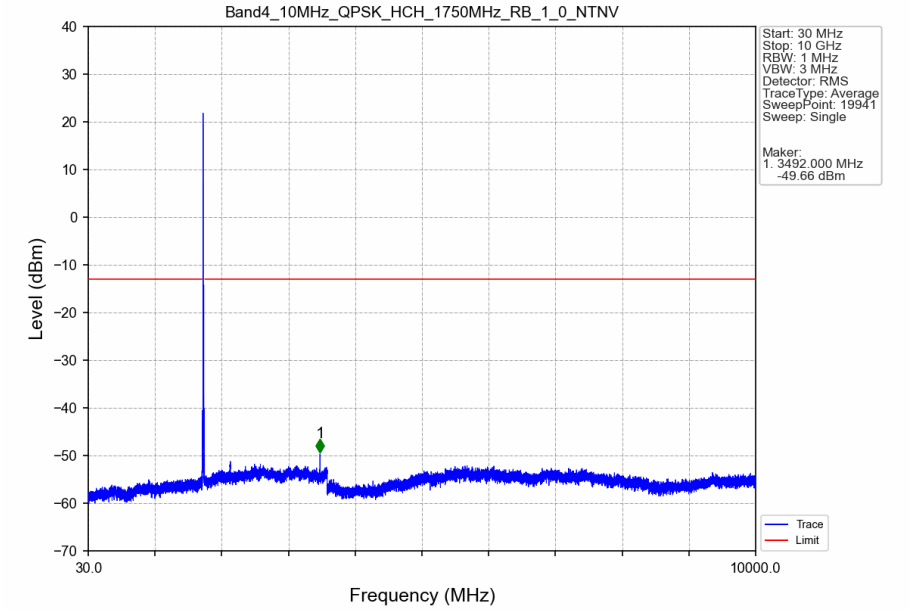
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



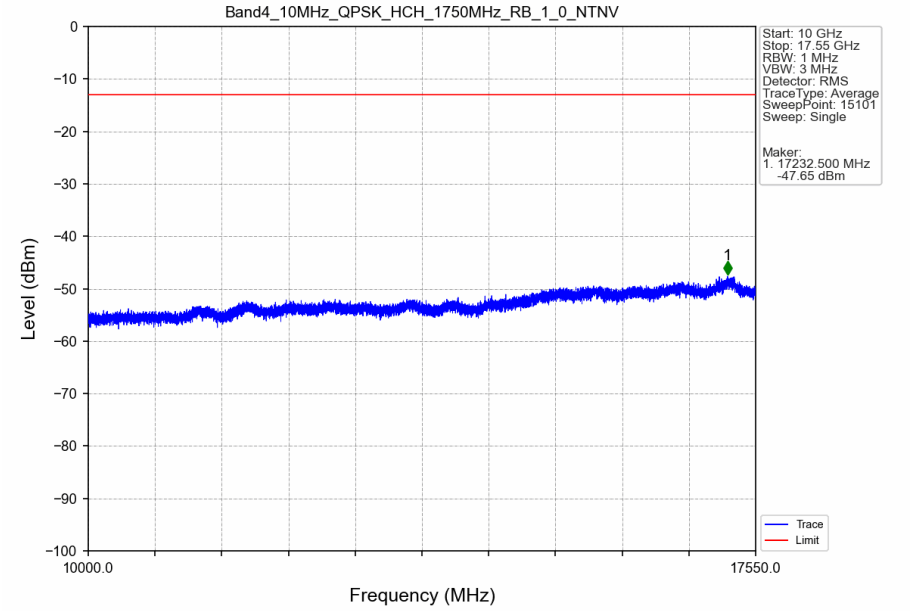
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



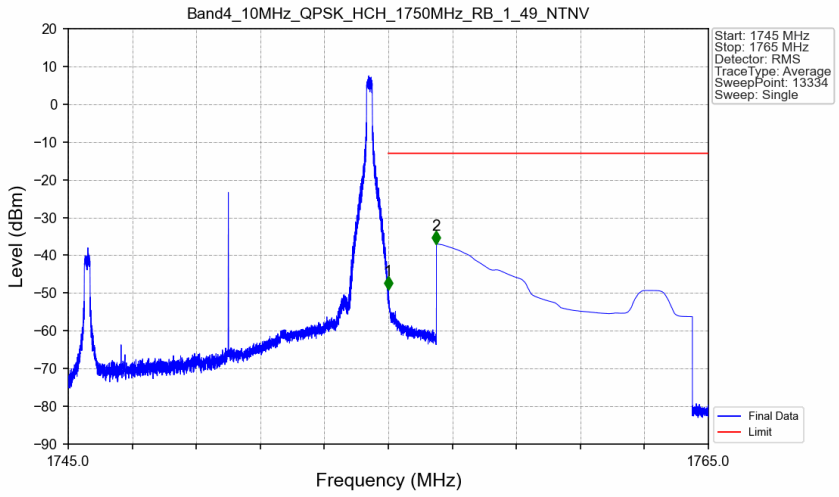
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

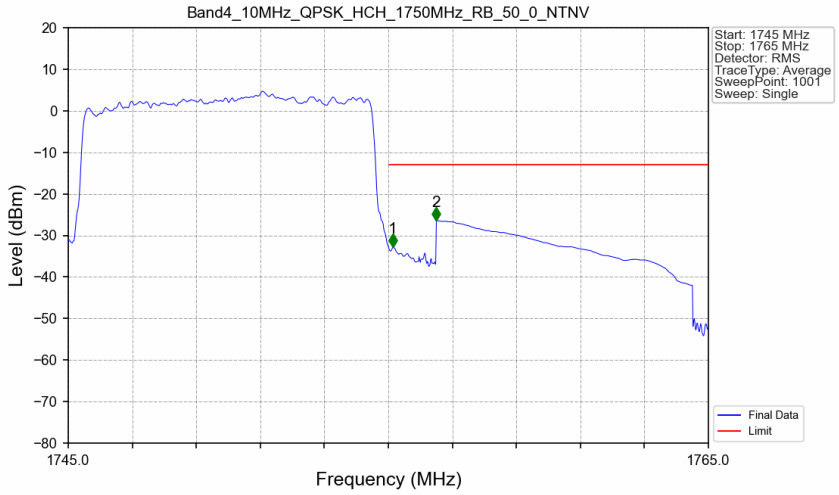


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



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	1755.001	-49.10	-13	Pass
1756	1765	1	CHP	2	1756.501	-36.95	-13	Pass

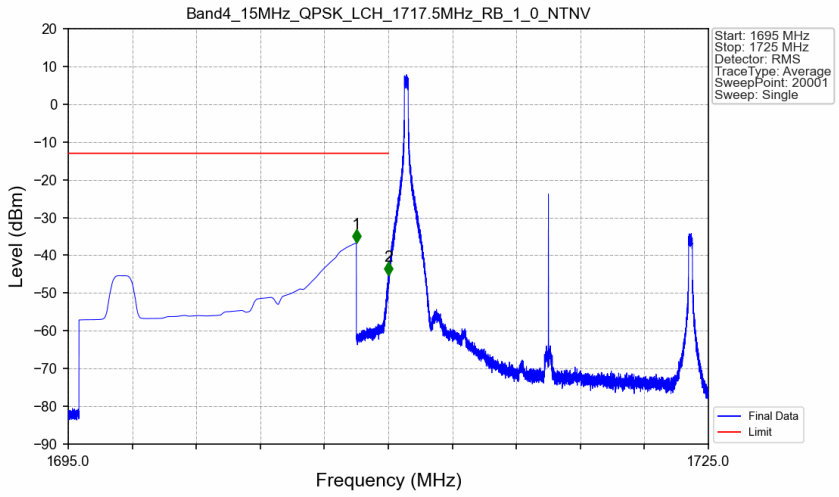
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.101	CHP	/	/	/	/	/
1755	1756	0.101	CHP	1	1755.140	-32.83	-13	Pass
1756	1765	1	CHP	2	1756.500	-26.45	-13	Pass

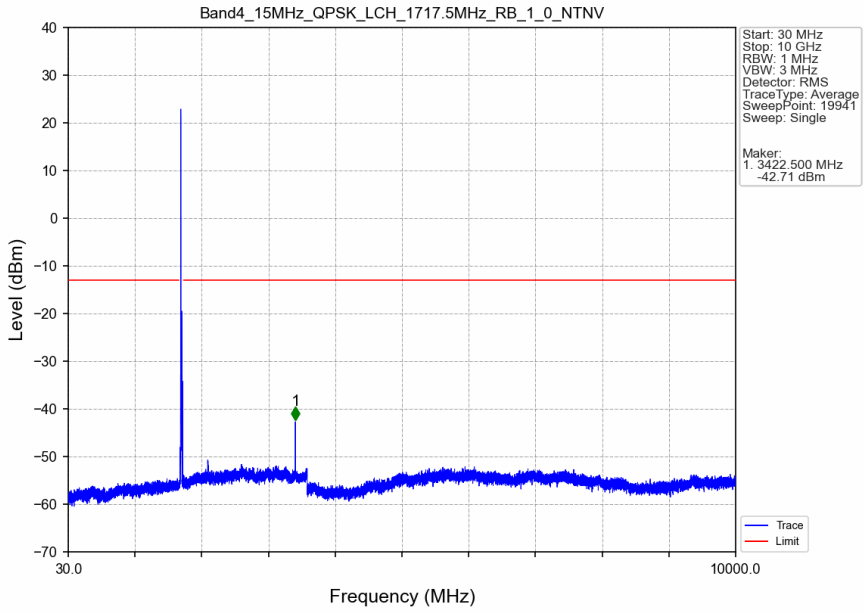
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

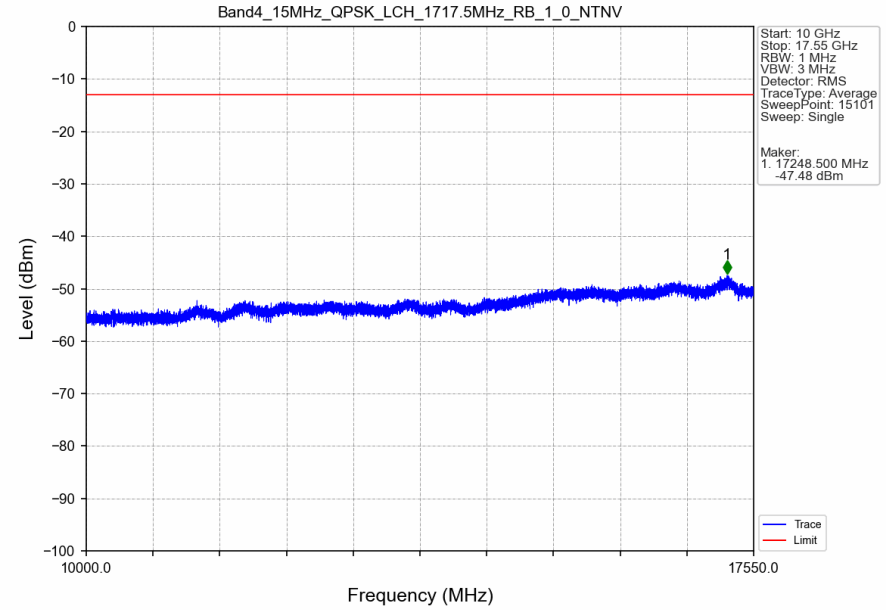


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.497	-36.69	-13	Pass
1709	1710	0.003	/	2	1709.997	-45.31	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

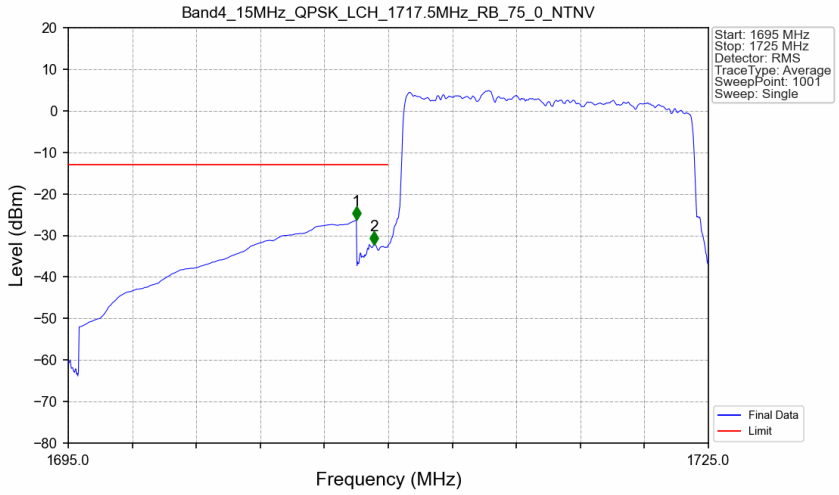
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

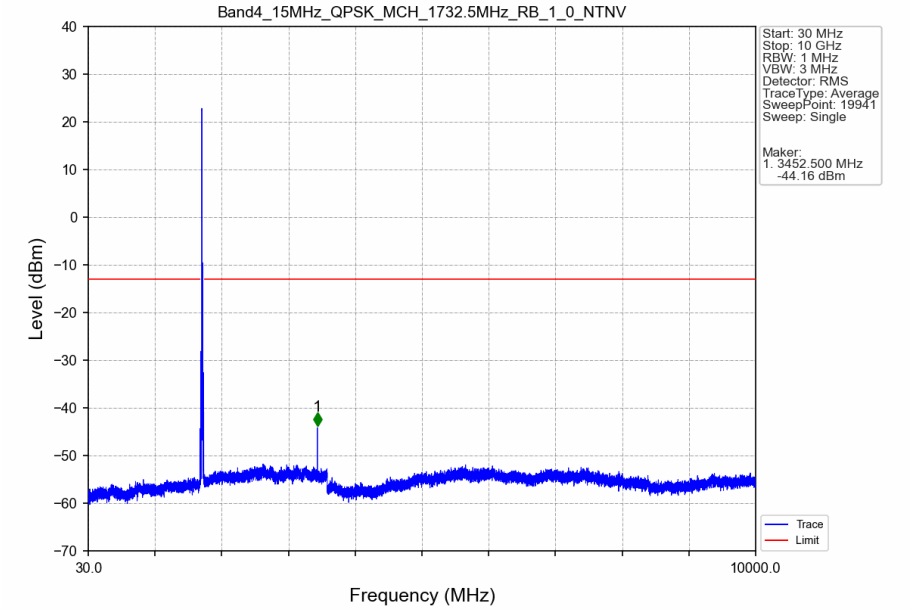


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

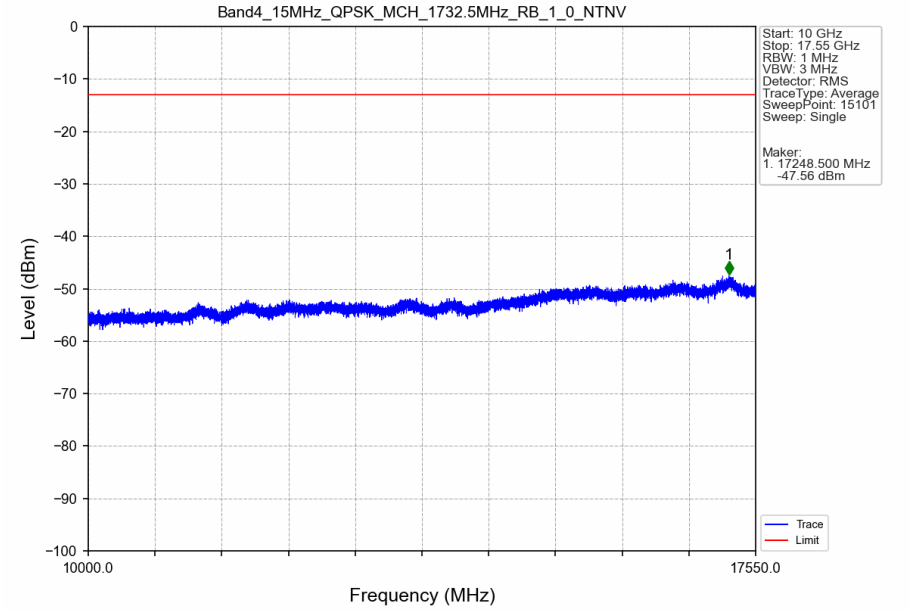


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-26.23	-13	Pass
1709	1710	0.149	CHP	2	1709.340	-32.14	-13	Pass
1710	1725	0.149	CHP	/	/	/	/	/

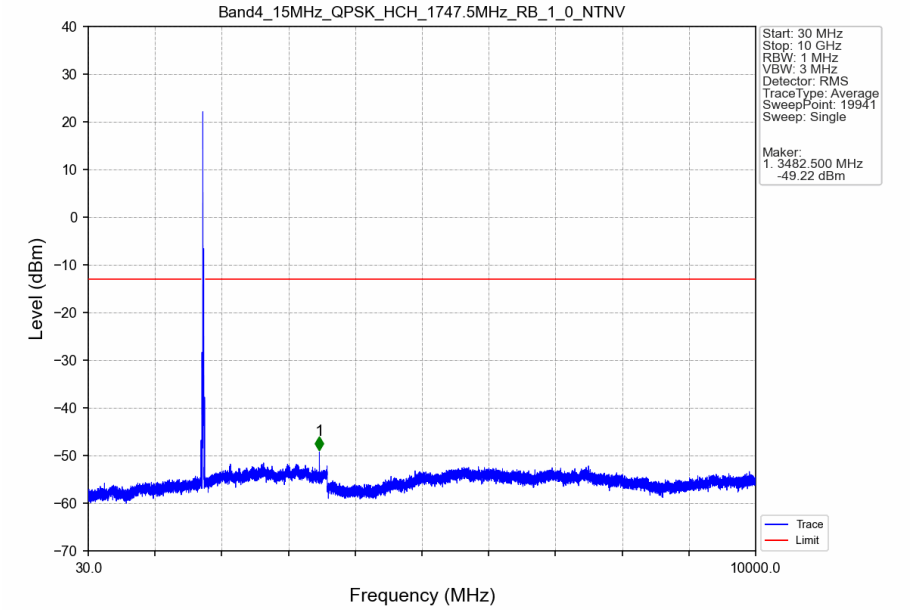
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



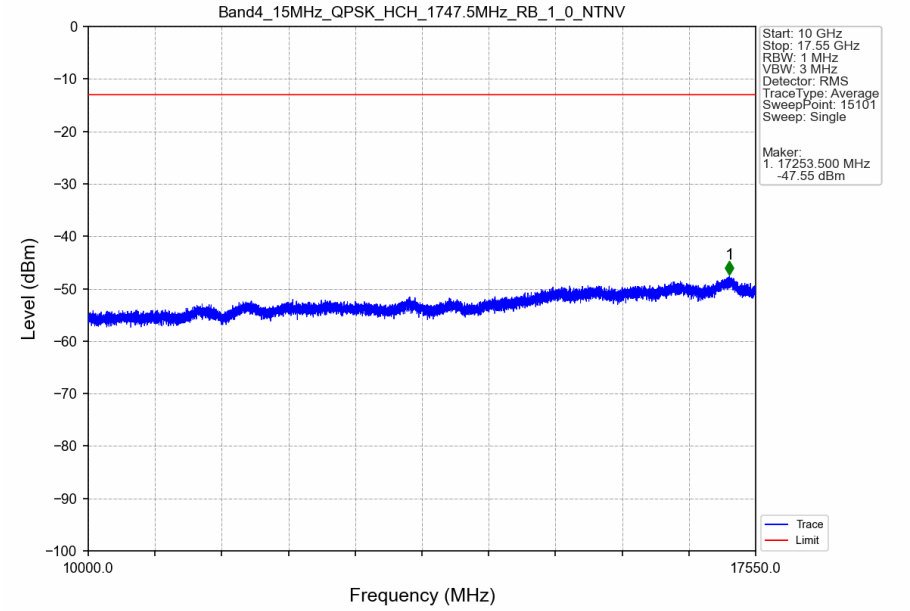
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



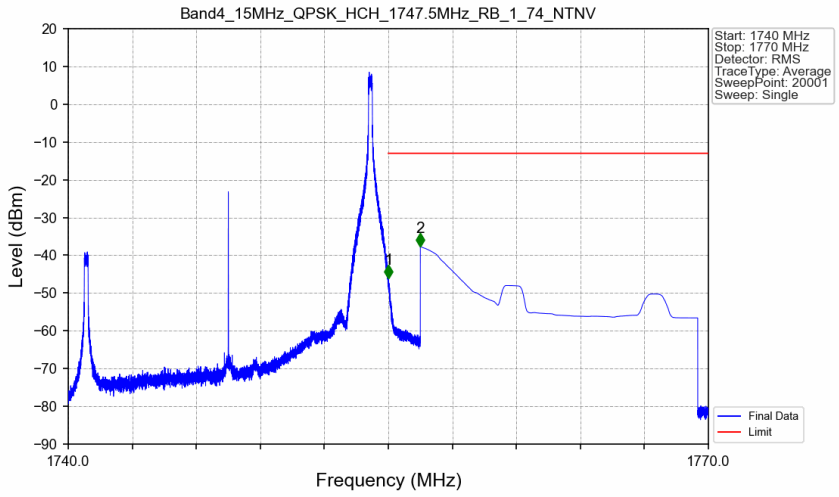
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

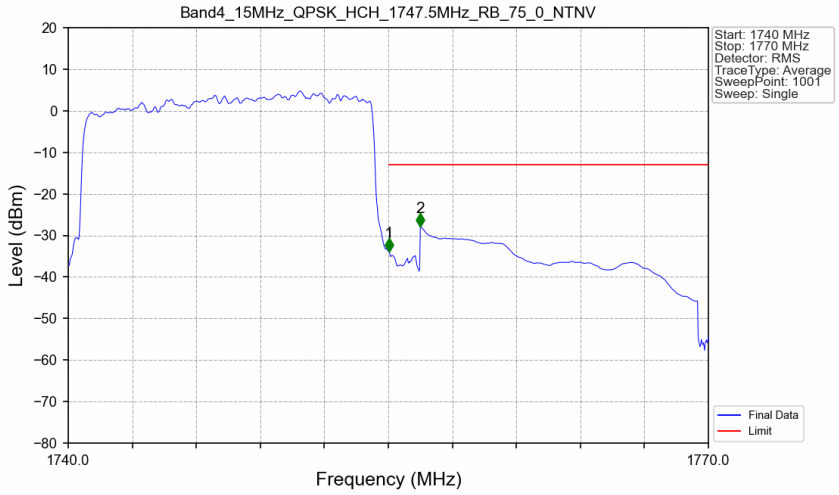


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



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	1755.005	-46.04	-13	Pass
1756	1770	1	CHP	2	1756.500	-37.69	-13	Pass

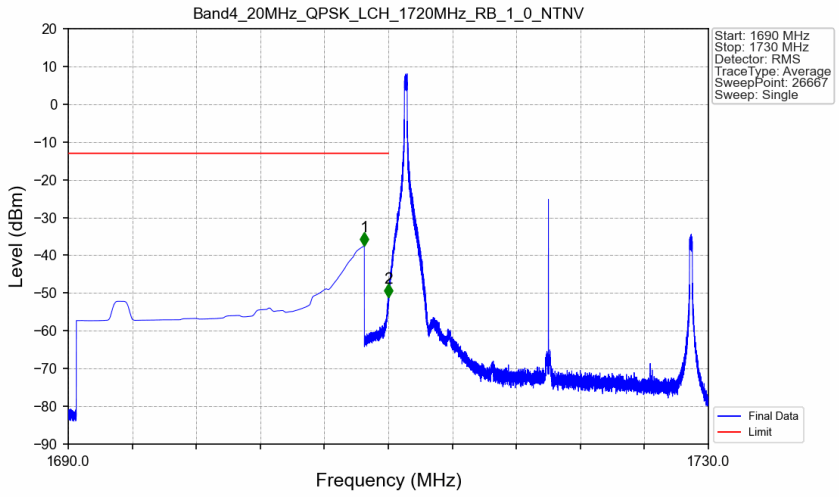
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.149	CHP	/	/	/	/	/
1755	1756	0.149	CHP	1	1755.030	-33.88	-13	Pass
1756	1770	1	CHP	2	1756.500	-27.88	-13	Pass

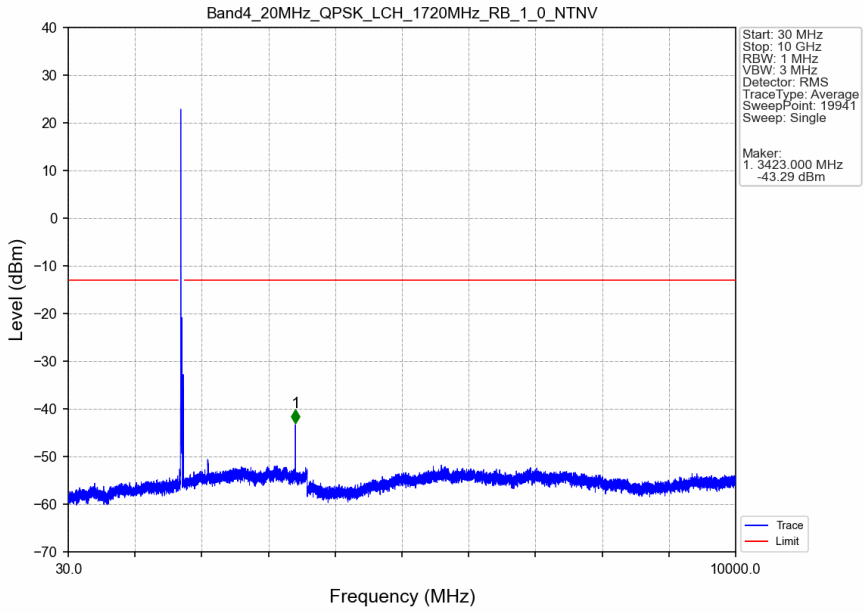
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

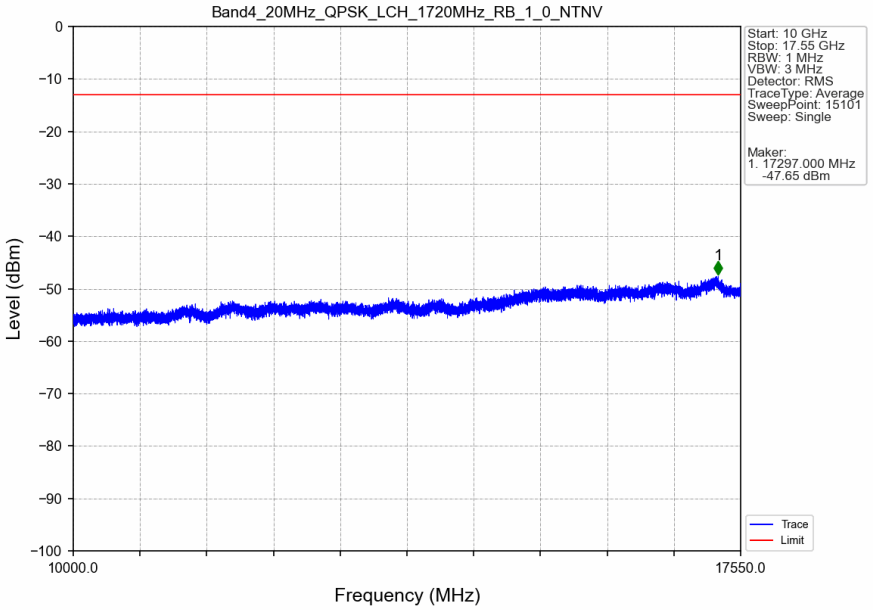


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.498	-37.53	-13	Pass
1709	1710	0.003	/	2	1709.991	-51.13	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

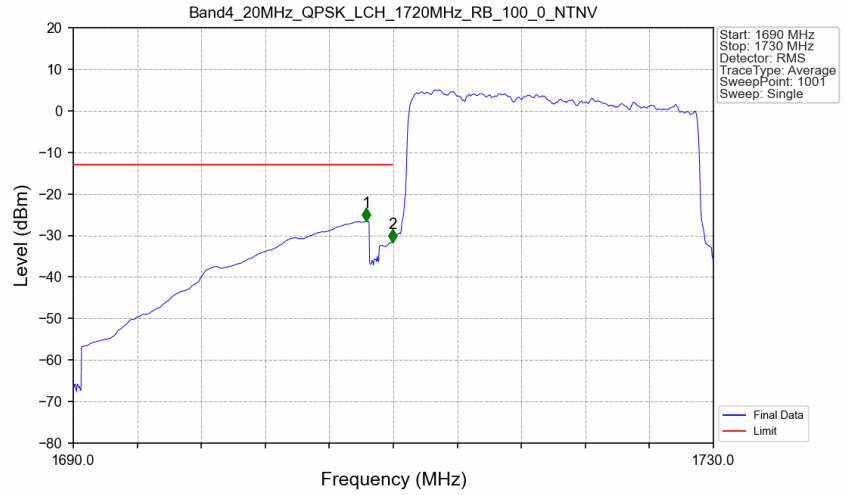
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

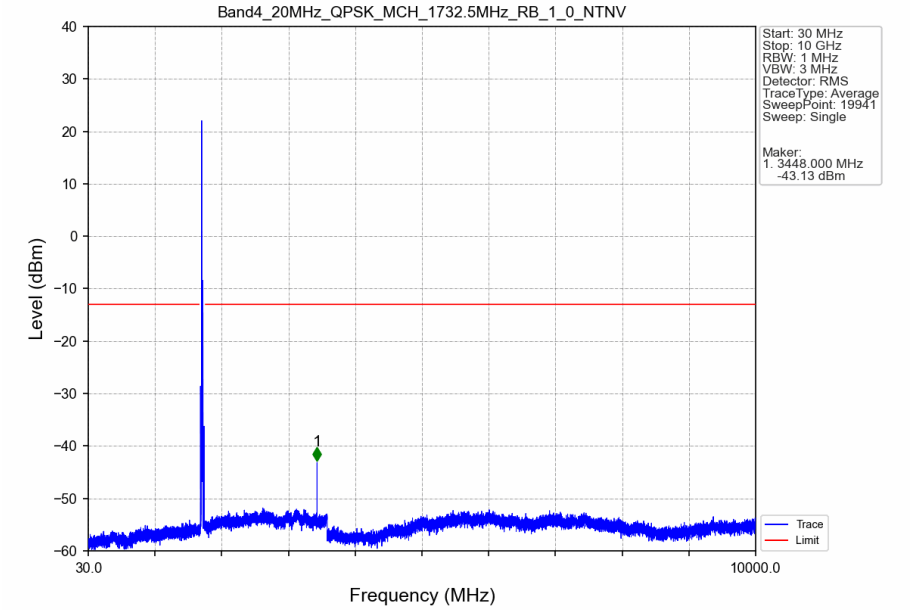


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

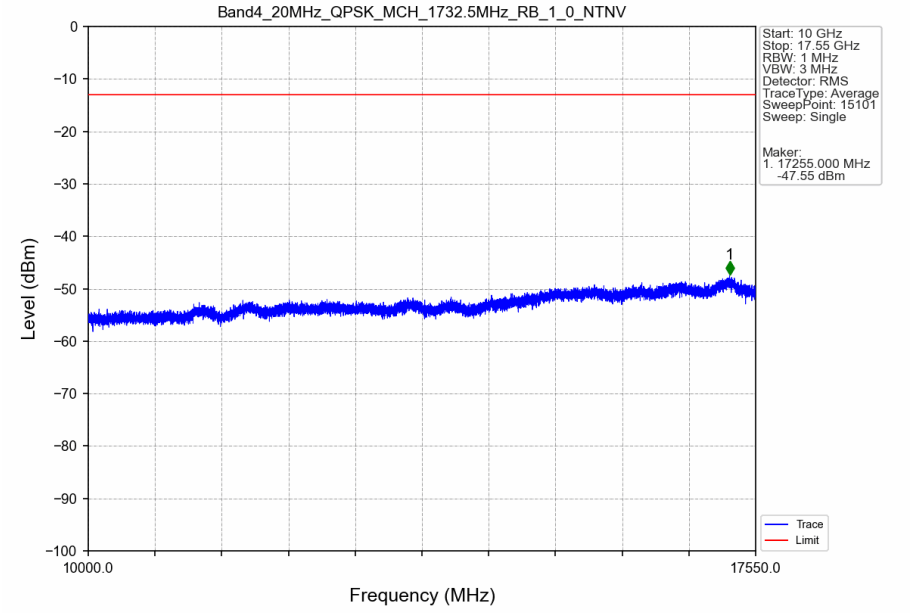


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.320	-26.66	-13	Pass
1709	1710	0.198	CHP	2	1709.960	-31.64	-13	Pass
1710	1730	0.198	CHP	/	/	/	/	/

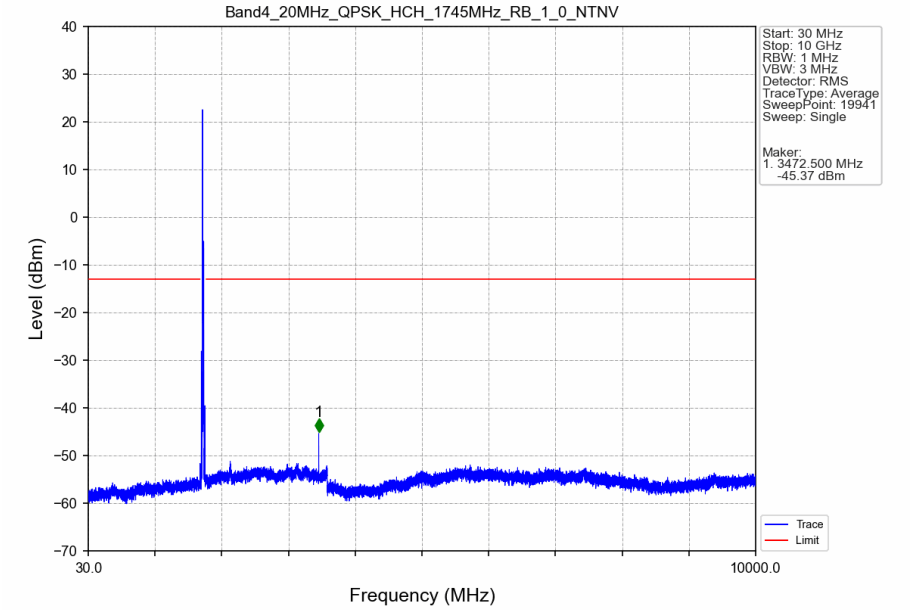
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



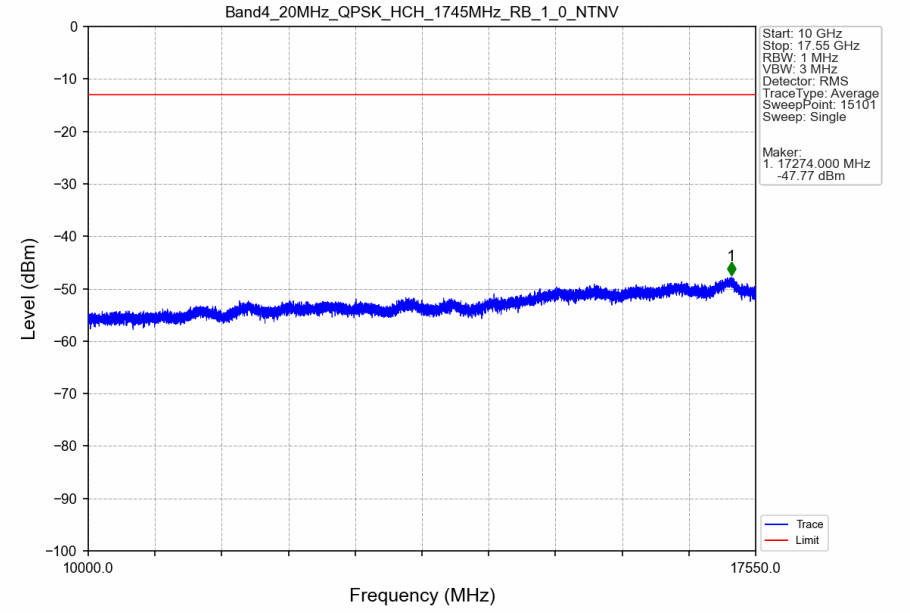
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



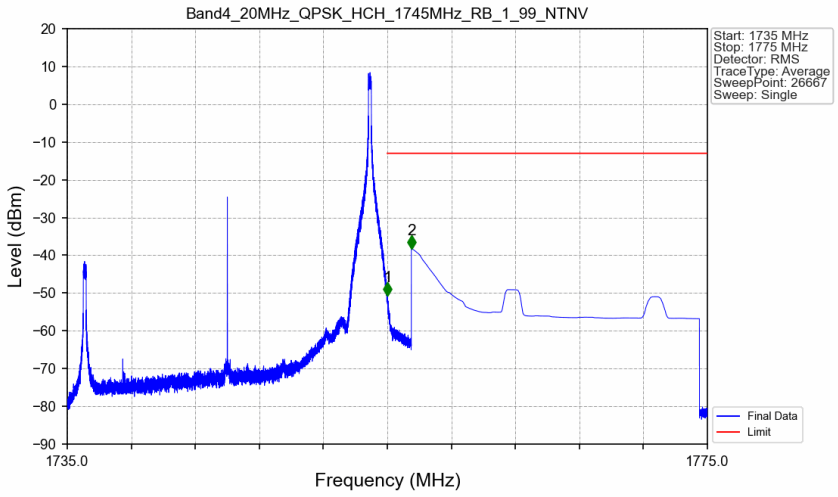
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

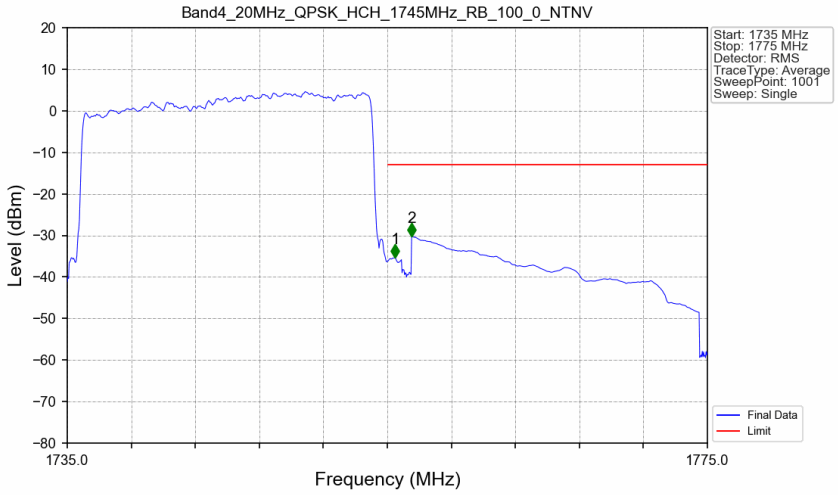


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



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	1755.020	-50.75	-13	Pass
1756	1775	1	CHP	2	1756.500	-38.17	-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	0.198	CHP	/	/	/	/	/
1755	1756	0.198	CHP	1	1755.480	-35.39	-13	Pass
1756	1775	1	CHP	2	1756.520	-30.20	-13	Pass