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	24.13	2.17	26.30	<=30	Pass
			2	24.16	2.17	26.33	<=30	Pass
			5	23.90	2.17	26.07	<=30	Pass
		3	0	23.82	2.17	25.99	<=30	Pass
			2	23.89	2.17	26.06	<=30	Pass
			3	23.86	2.17	26.03	<=30	Pass
		6	0	23.06	2.17	25.23	<=30	Pass
	1732.5	1	0	23.06	2.17	25.23	<=30	Pass
			2	23.11	2.17	25.28	<=30	Pass
			5	23.03	2.17	25.20	<=30	Pass
		3	0	22.94	2.17	25.11	<=30	Pass
			2	22.92	2.17	25.09	<=30	Pass
			3	22.89	2.17	25.06	<=30	Pass
		6	0	22.04	2.17	24.21	<=30	Pass
	1754.3	1	0	24.13	2.17	26.30	<=30	Pass
			2	24.11	2.17	26.28	<=30	Pass
			5	23.97	2.17	26.14	<=30	Pass
		3	0	24.12	2.17	26.29	<=30	Pass
			2	24.07	2.17	26.24	<=30	Pass
			3	24.04	2.17	26.21	<=30	Pass
		6	0	23.13	2.17	25.30	<=30	Pass
16QAM	1710.7	1	0	22.99	2.17	25.16	<=30	Pass
			2	23.16	2.17	25.33	<=30	Pass
			5	23.18	2.17	25.35	<=30	Pass
		3	0	23.09	2.17	25.26	<=30	Pass
			2	23.13	2.17	25.30	<=30	Pass
			3	23.12	2.17	25.29	<=30	Pass
		6	0	22.03	2.17	24.20	<=30	Pass
	1732.5	1	0	22.12	2.17	24.29	<=30	Pass
			2	22.09	2.17	24.26	<=30	Pass
			5	22.29	2.17	24.46	<=30	Pass
		3	0	22.07	2.17	24.24	<=30	Pass
			2	22.06	2.17	24.23	<=30	Pass
			3	22.09	2.17	24.26	<=30	Pass
		6	0	21.26	2.17	23.43	<=30	Pass
	1754.3	1	0	23.15	2.17	25.32	<=30	Pass
			2	23.13	2.17	25.30	<=30	Pass
			5	23.15	2.17	25.32	<=30	Pass
		3	0	23.06	2.17	25.23	<=30	Pass
			2	23.05	2.17	25.22	<=30	Pass
			3	23.08	2.17	25.25	<=30	Pass
		6	0	22.21	2.17	24.38	<=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	23.81	2.17	25.98	<=30	Pass
			7	24.00	2.17	26.17	<=30	Pass
			14	23.52	2.17	25.69	<=30	Pass
		8	0	22.78	2.17	24.95	<=30	Pass
			4	22.88	2.17	25.05	<=30	Pass
			7	22.98	2.17	25.15	<=30	Pass
		15	0	22.95	2.17	25.12	<=30	Pass
	1732.5	1	0	22.95	2.17	25.12	<=30	Pass
			7	22.99	2.17	25.16	<=30	Pass
			14	22.77	2.17	24.94	<=30	Pass
		8	0	21.93	2.17	24.10	<=30	Pass
			4	21.94	2.17	24.11	<=30	Pass
			7	21.88	2.17	24.05	<=30	Pass
		15	0	21.99	2.17	24.16	<=30	Pass
	1753.5	1	0	24.01	2.17	26.18	<=30	Pass
			7	24.23	2.17	26.40	<=30	Pass
			14	23.80	2.17	25.97	<=30	Pass
		8	0	23.25	2.17	25.42	<=30	Pass
			4	23.23	2.17	25.40	<=30	Pass
			7	23.06	2.17	25.23	<=30	Pass
		15	0	23.15	2.17	25.32	<=30	Pass
16QAM	1711.5	1	0	22.98	2.17	25.15	<=30	Pass
			7	23.13	2.17	25.30	<=30	Pass
			14	23.08	2.17	25.25	<=30	Pass
		8	0	22.08	2.17	24.25	<=30	Pass
			4	22.21	2.17	24.38	<=30	Pass
			7	22.18	2.17	24.35	<=30	Pass
		15	0	22.12	2.17	24.29	<=30	Pass
	1732.5	1	0	22.28	2.17	24.45	<=30	Pass
			7	22.41	2.17	24.58	<=30	Pass
			14	21.99	2.17	24.16	<=30	Pass
		8	0	21.21	2.17	23.38	<=30	Pass
			4	21.21	2.17	23.38	<=30	Pass
			7	21.18	2.17	23.35	<=30	Pass
		15	0	21.09	2.17	23.26	<=30	Pass
	1753.5	1	0	22.93	2.17	25.10	<=30	Pass
			7	23.07	2.17	25.24	<=30	Pass
			14	22.80	2.17	24.97	<=30	Pass
		8	0	22.28	2.17	24.45	<=30	Pass
			4	22.25	2.17	24.42	<=30	Pass
			7	22.21	2.17	24.38	<=30	Pass
		15	0	22.23	2.17	24.40	<=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	24.14	2.17	26.31	<=30	Pass
			13	24.35	2.17	26.52	<=30	Pass
			24	24.33	2.17	26.50	<=30	Pass
		12	0	23.05	2.17	25.22	<=30	Pass
			6	23.21	2.17	25.38	<=30	Pass
			13	23.26	2.17	25.43	<=30	Pass
		25	0	23.20	2.17	25.37	<=30	Pass
	1732.5	1	0	23.13	2.17	25.30	<=30	Pass
			13	23.09	2.17	25.26	<=30	Pass
			24	22.97	2.17	25.14	<=30	Pass
		12	0	22.01	2.17	24.18	<=30	Pass
			6	22.00	2.17	24.17	<=30	Pass
			13	22.12	2.17	24.29	<=30	Pass
		25	0	22.11	2.17	24.28	<=30	Pass
	1752.5	1	0	24.02	2.17	26.19	<=30	Pass
			13	24.35	2.17	26.52	<=30	Pass
			24	24.00	2.17	26.17	<=30	Pass
		12	0	23.50	2.17	25.67	<=30	Pass
			6	23.43	2.17	25.60	<=30	Pass
			13	23.27	2.17	25.44	<=30	Pass
		25	0	23.39	2.17	25.56	<=30	Pass
16QAM	1712.5	1	0	23.43	2.17	25.60	<=30	Pass
			13	23.59	2.17	25.76	<=30	Pass
			24	23.44	2.17	25.61	<=30	Pass
		12	0	22.24	2.17	24.41	<=30	Pass
			6	22.29	2.17	24.46	<=30	Pass
			13	22.33	2.17	24.50	<=30	Pass
		25	0	22.35	2.17	24.52	<=30	Pass
	1732.5	1	0	22.23	2.17	24.40	<=30	Pass
			13	22.39	2.17	24.56	<=30	Pass
			24	22.30	2.17	24.47	<=30	Pass
		12	0	21.19	2.17	23.36	<=30	Pass
			6	21.14	2.17	23.31	<=30	Pass
			13	21.24	2.17	23.41	<=30	Pass
		25	0	21.23	2.17	23.40	<=30	Pass
	1752.5	1	0	23.54	2.17	25.71	<=30	Pass
			13	23.32	2.17	25.49	<=30	Pass
			24	23.06	2.17	25.23	<=30	Pass
		12	0	22.53	2.17	24.70	<=30	Pass
			6	22.45	2.17	24.62	<=30	Pass
			13	22.30	2.17	24.47	<=30	Pass
		25	0	22.43	2.17	24.60	<=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	24.31	2.17	26.48	<=30	Pass
			25	24.43	2.17	26.60	<=30	Pass
			49	24.13	2.17	26.30	<=30	Pass
		25	0	23.24	2.17	25.41	<=30	Pass
			13	23.33	2.17	25.50	<=30	Pass
			25	23.31	2.17	25.48	<=30	Pass
		50	0	23.27	2.17	25.44	<=30	Pass
	1732.5	1	0	23.22	2.17	25.39	<=30	Pass
			25	23.19	2.17	25.36	<=30	Pass
			49	23.10	2.17	25.27	<=30	Pass
		25	0	22.02	2.17	24.19	<=30	Pass
			13	22.02	2.17	24.19	<=30	Pass
			25	22.02	2.17	24.19	<=30	Pass
		50	0	22.15	2.17	24.32	<=30	Pass
	1750	1	0	24.28	2.17	26.45	<=30	Pass
			25	24.54	2.17	26.71	<=30	Pass
			49	24.01	2.17	26.18	<=30	Pass
		25	0	23.62	2.17	25.79	<=30	Pass
			13	23.61	2.17	25.78	<=30	Pass
			25	23.45	2.17	25.62	<=30	Pass
		50	0	23.57	2.17	25.74	<=30	Pass
16QAM	1715	1	0	23.20	2.17	25.37	<=30	Pass
			25	23.44	2.17	25.61	<=30	Pass
			49	23.18	2.17	25.35	<=30	Pass
		12	0	23.25	2.17	25.42	<=30	Pass
			19	23.18	2.17	25.35	<=30	Pass
			38	23.28	2.17	25.45	<=30	Pass
		27	0	22.30	2.17	24.47	<=30	Pass
	1732.5	1	0	21.62	2.17	23.79	<=30	Pass
			25	22.24	2.17	24.41	<=30	Pass
			49	22.28	2.17	24.45	<=30	Pass
		12	0	22.20	2.17	24.37	<=30	Pass
			19	22.20	2.17	24.37	<=30	Pass
			38	22.23	2.17	24.40	<=30	Pass
		27	0	21.18	2.17	23.35	<=30	Pass
	1750	1	0	23.82	2.17	25.99	<=30	Pass
			25	23.89	2.17	26.06	<=30	Pass
			49	23.40	2.17	25.57	<=30	Pass
		12	0	23.52	2.17	25.69	<=30	Pass
			19	23.57	2.17	25.74	<=30	Pass
			38	23.39	2.17	25.56	<=30	Pass
		27	23	22.55	2.17	24.72	<=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	23.61	2.17	25.78	<=30	Pass
			38	24.39	2.17	26.56	<=30	Pass
			74	23.56	2.17	25.73	<=30	Pass
		36	0	23.41	2.17	25.58	<=30	Pass
			18	23.42	2.17	25.59	<=30	Pass
			39	23.18	2.17	25.35	<=30	Pass
		75	0	23.28	2.17	25.45	<=30	Pass
	1732.5	1	0	23.40	2.17	25.57	<=30	Pass
			38	23.22	2.17	25.39	<=30	Pass
			74	23.43	2.17	25.60	<=30	Pass
		36	0	22.19	2.17	24.36	<=30	Pass
			18	22.16	2.17	24.33	<=30	Pass
			39	22.24	2.17	24.41	<=30	Pass
		75	0	22.22	2.17	24.39	<=30	Pass
	1747.5	1	0	23.44	2.17	25.61	<=30	Pass
			38	24.47	2.17	26.64	<=30	Pass
			74	24.03	2.17	26.20	<=30	Pass
		36	0	23.34	2.17	25.51	<=30	Pass
			18	23.60	2.17	25.77	<=30	Pass
			39	23.55	2.17	25.72	<=30	Pass
		75	0	23.55	2.17	25.72	<=30	Pass
16QAM	1717.5	1	0	22.88	2.17	25.05	<=30	Pass
			38	23.56	2.17	25.73	<=30	Pass
			74	23.06	2.17	25.23	<=30	Pass
		12	0	23.34	2.17	25.51	<=30	Pass
			31	23.28	2.17	25.45	<=30	Pass
			63	22.95	2.17	25.12	<=30	Pass
		27	0	22.51	2.17	24.68	<=30	Pass
	1732.5	1	0	22.22	2.17	24.39	<=30	Pass
			38	22.32	2.17	24.49	<=30	Pass
			74	22.56	2.17	24.73	<=30	Pass
		12	0	22.12	2.17	24.29	<=30	Pass
			31	22.22	2.17	24.39	<=30	Pass
			63	22.24	2.17	24.41	<=30	Pass
		27	0	21.30	2.17	23.47	<=30	Pass
	1747.5	1	0	22.63	2.17	24.80	<=30	Pass
			38	23.66	2.17	25.83	<=30	Pass
			74	23.35	2.17	25.52	<=30	Pass
		12	0	22.86	2.17	25.03	<=30	Pass
			31	23.58	2.17	25.75	<=30	Pass
			63	23.27	2.17	25.44	<=30	Pass
		27	48	22.63	2.17	24.80	<=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	22.91	2.17	25.08	<=30	Pass
			50	24.31	2.17	26.48	<=30	Pass
			99	23.36	2.17	25.53	<=30	Pass
		50	0	23.15	2.17	25.32	<=30	Pass
			25	23.02	2.17	25.19	<=30	Pass
			50	22.84	2.17	25.01	<=30	Pass
		100	0	23.14	2.17	25.31	<=30	Pass
	1732.5	1	0	22.88	2.17	25.05	<=30	Pass
			50	23.19	2.17	25.36	<=30	Pass
			99	23.73	2.17	25.90	<=30	Pass
		50	0	22.27	2.17	24.44	<=30	Pass
			25	22.18	2.17	24.35	<=30	Pass
			50	22.35	2.17	24.52	<=30	Pass
		100	0	22.30	2.17	24.47	<=30	Pass
	1745	1	0	22.55	2.17	24.72	<=30	Pass
			50	24.54	2.17	26.71	<=30	Pass
			99	24.27	2.17	26.44	<=30	Pass
		50	0	22.91	2.17	25.08	<=30	Pass
			25	23.40	2.17	25.57	<=30	Pass
			50	23.58	2.17	25.75	<=30	Pass
		100	0	23.44	2.17	25.61	<=30	Pass
16QAM	1720	1	0	22.69	2.17	24.86	<=30	Pass
			50	23.49	2.17	25.66	<=30	Pass
			99	22.66	2.17	24.83	<=30	Pass
		12	0	22.96	2.17	25.13	<=30	Pass
			44	23.31	2.17	25.48	<=30	Pass
			88	22.54	2.17	24.71	<=30	Pass
		27	0	22.51	2.17	24.68	<=30	Pass
	1732.5	1	0	22.34	2.17	24.51	<=30	Pass
			50	22.24	2.17	24.41	<=30	Pass
			99	22.83	2.17	25.00	<=30	Pass
		12	0	21.84	2.17	24.01	<=30	Pass
			44	22.24	2.17	24.41	<=30	Pass
			88	22.68	2.17	24.85	<=30	Pass
		27	0	21.48	2.17	23.65	<=30	Pass
	1745	1	0	22.24	2.17	24.41	<=30	Pass
			50	23.33	2.17	25.50	<=30	Pass
			99	23.18	2.17	25.35	<=30	Pass
		12	0	22.33	2.17	24.50	<=30	Pass
			44	23.44	2.17	25.61	<=30	Pass
			88	23.41	2.17	25.58	<=30	Pass
		27	73	22.47	2.17	24.64	<=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	11.800	0.0068	-2.5 to 2.5	Pass
					NV	-11.400	-0.0066	-2.5 to 2.5	Pass
					HV	-4.200	-0.0024	-2.5 to 2.5	Pass
				-30	NV	-7.100	-0.0041	-2.5 to 2.5	Pass
				-20	NV	-2.300	-0.0013	-2.5 to 2.5	Pass
				-10	NV	-1.800	-0.0010	-2.5 to 2.5	Pass
				0	NV	-3.400	-0.0020	-2.5 to 2.5	Pass
				10	NV	2.100	0.0012	-2.5 to 2.5	Pass
				30	NV	-2.400	-0.0014	-2.5 to 2.5	Pass
				40	NV	-0.200	-0.0001	-2.5 to 2.5	Pass
				50	NV	-5.900	-0.0034	-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	1.114	/	Pass
	16QAM	1732.5	6	0	1.116	/	Pass
3	QPSK	1732.5	15	0	2.728	/	Pass
	16QAM	1732.5	15	0	2.726	/	Pass
5	QPSK	1732.5	25	0	4.551	/	Pass
	16QAM	1732.5	25	0	4.548	/	Pass
10	QPSK	1732.5	50	0	9.101	/	Pass
	16QAM	1732.5	27	0	5.093	/	Pass
15	QPSK	1732.5	75	0	13.670	/	Pass
	16QAM	1732.5	27	0	5.396	/	Pass
20	QPSK	1732.5	100	0	18.141	/	Pass
	16QAM	1732.5	27	0	5.752	/	Pass

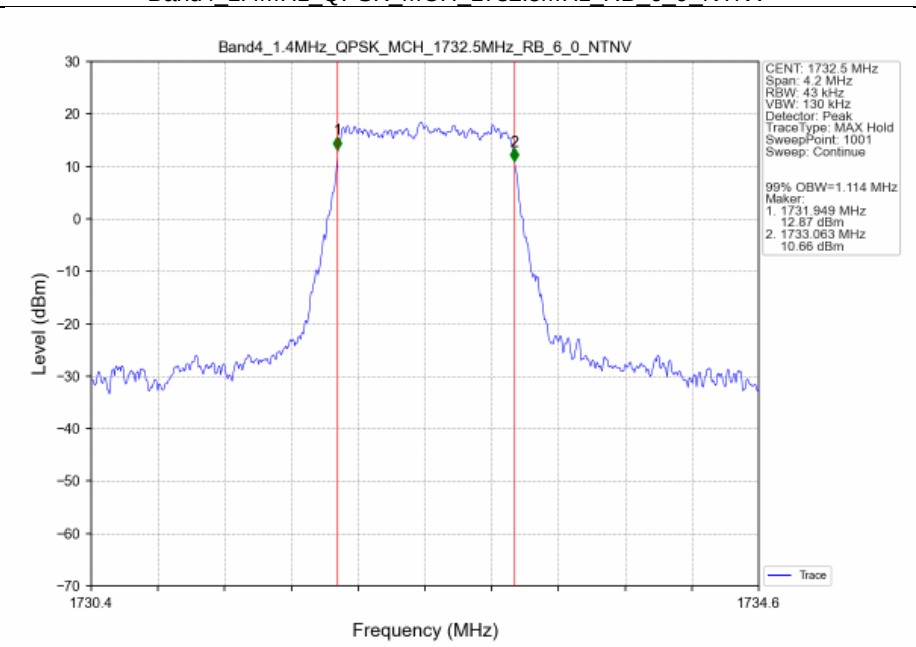
3.1.2 Band4_XDB

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	1.313	/	Pass
	16QAM	1732.5	6	0	1.316	/	Pass
3	QPSK	1732.5	15	0	3.041	/	Pass
	16QAM	1732.5	15	0	3.035	/	Pass
5	QPSK	1732.5	25	0	5.538	/	Pass
	16QAM	1732.5	25	0	5.605	/	Pass
10	QPSK	1732.5	50	0	10.395	/	Pass
	16QAM	1732.5	27	0	6.258	/	Pass
15	QPSK	1732.5	75	0	15.765	/	Pass
	16QAM	1732.5	27	0	6.834	/	Pass
20	QPSK	1732.5	100	0	20.476	/	Pass
	16QAM	1732.5	27	0	7.881	/	Pass

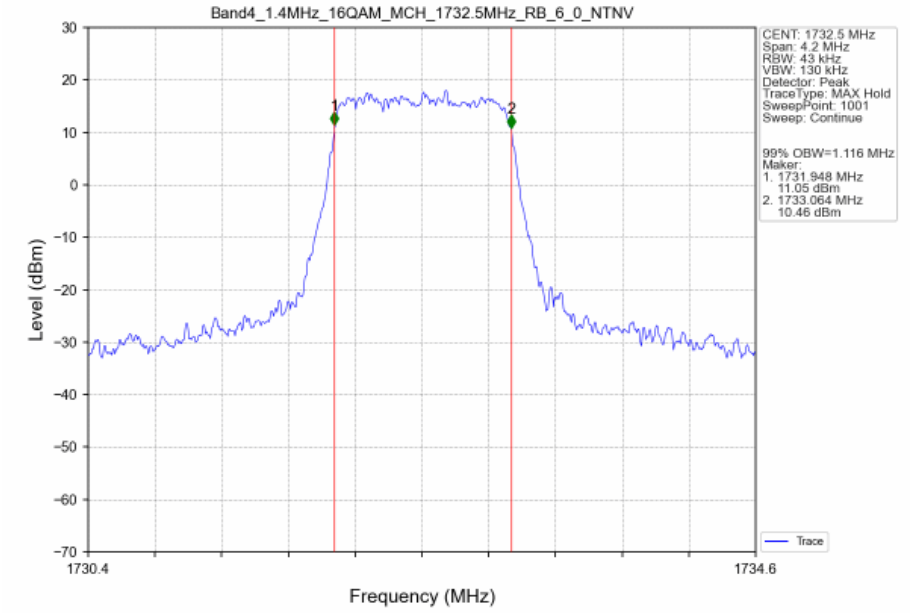
3.2 Test Graph

3.2.1 Band4_OBW

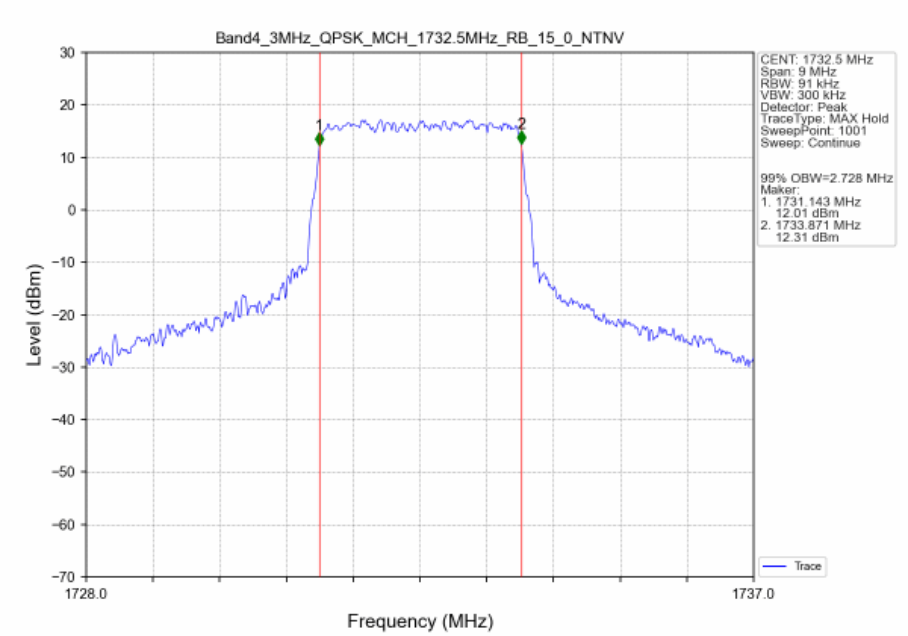
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



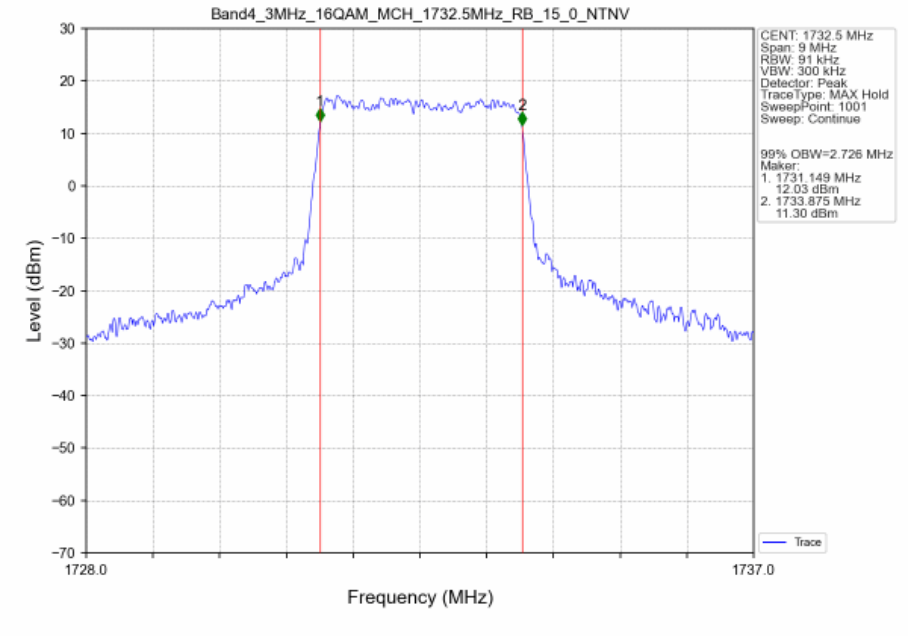
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



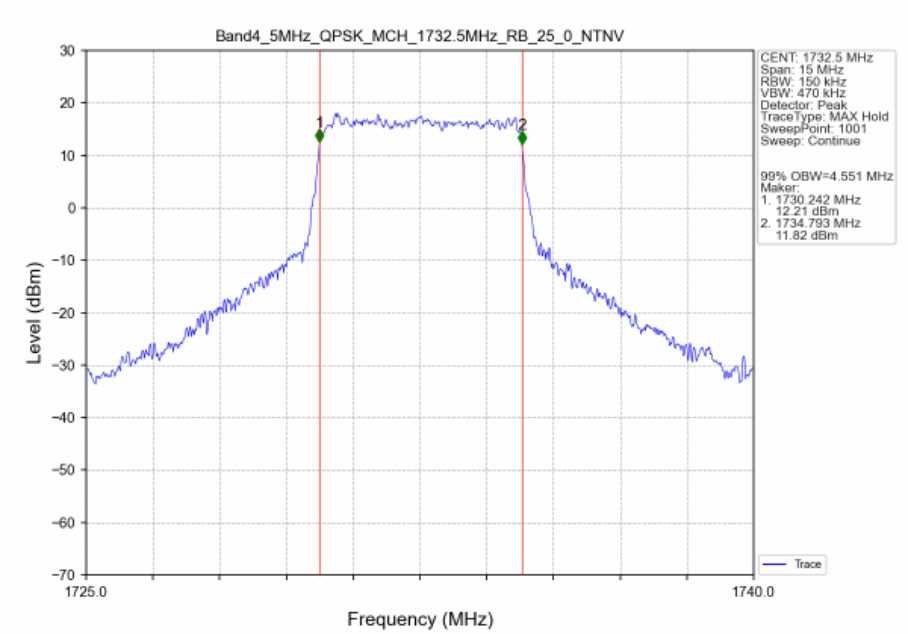
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



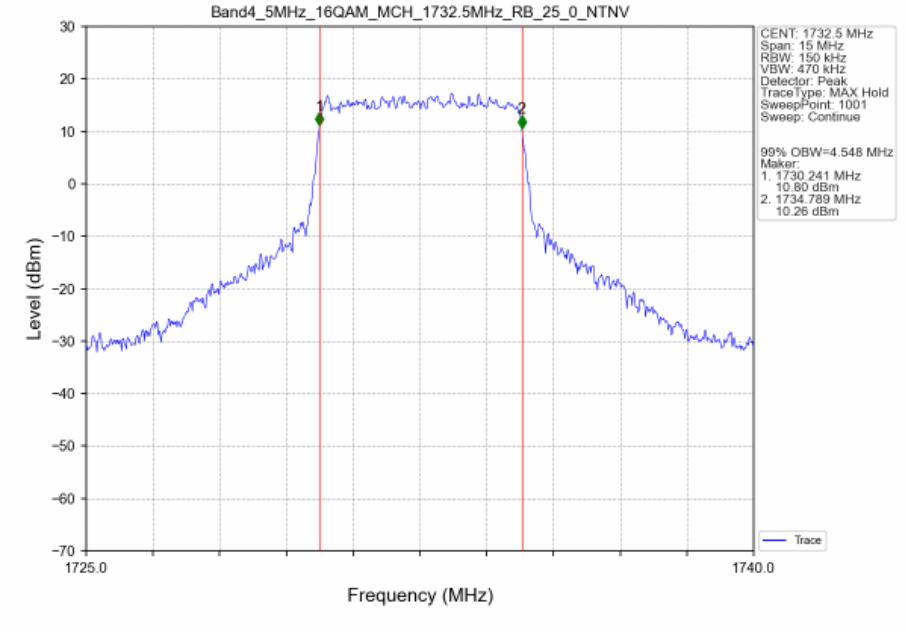
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



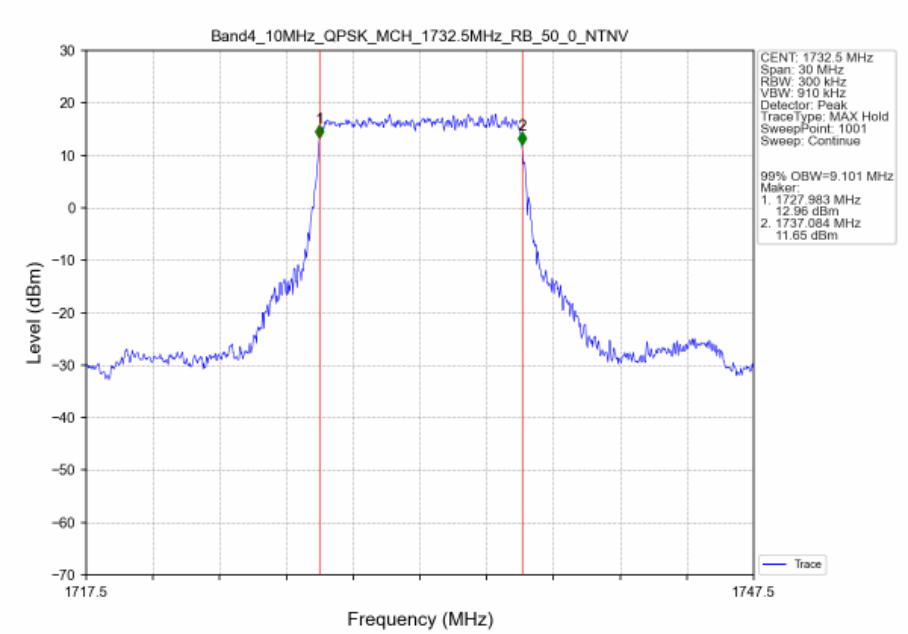
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



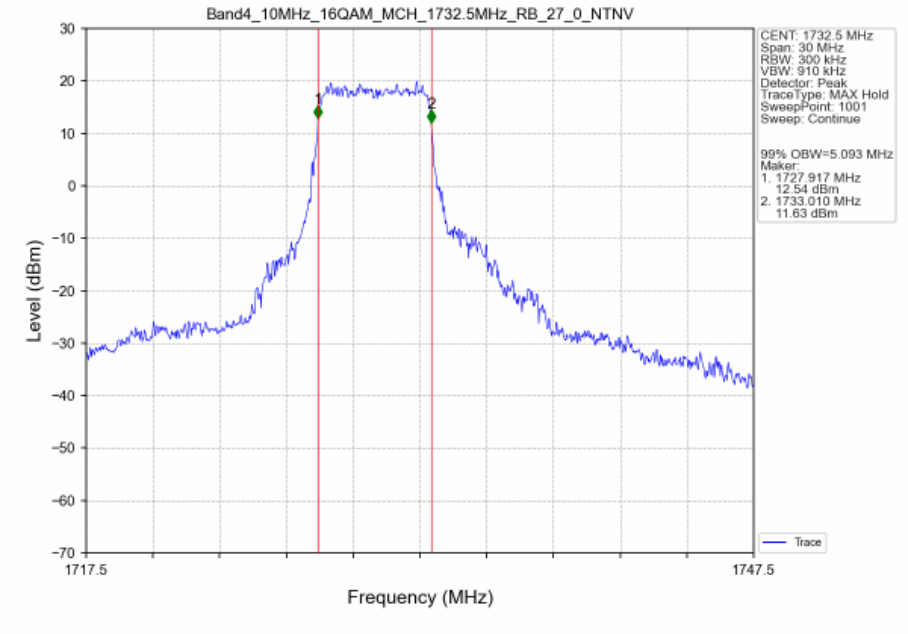
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



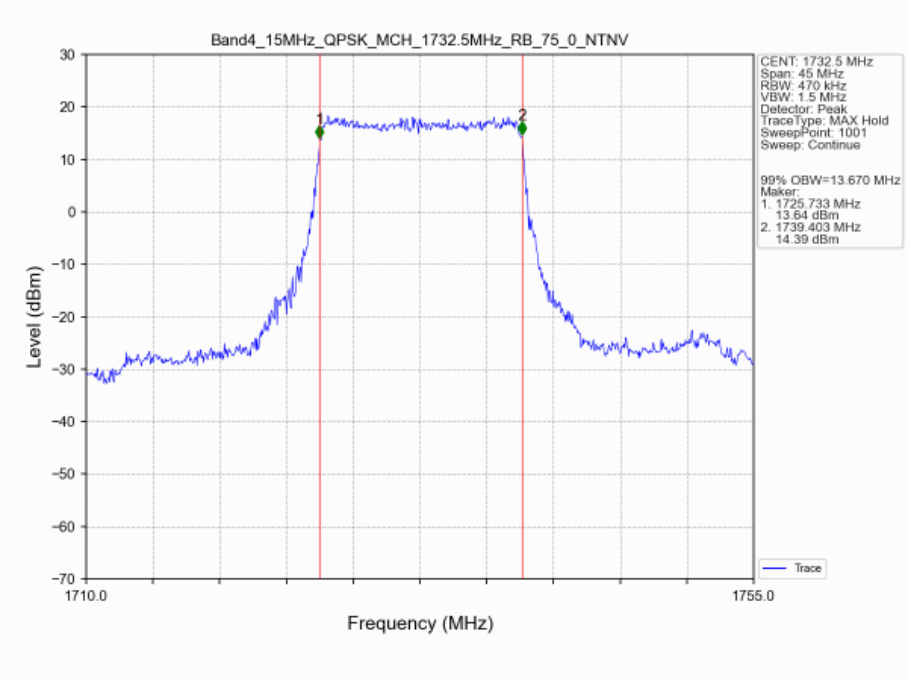
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



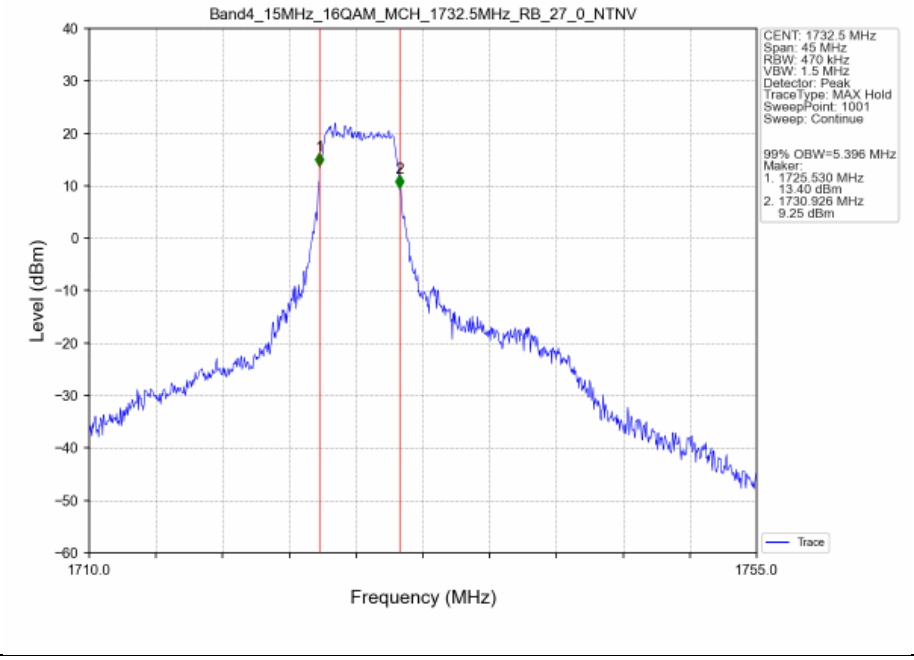
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



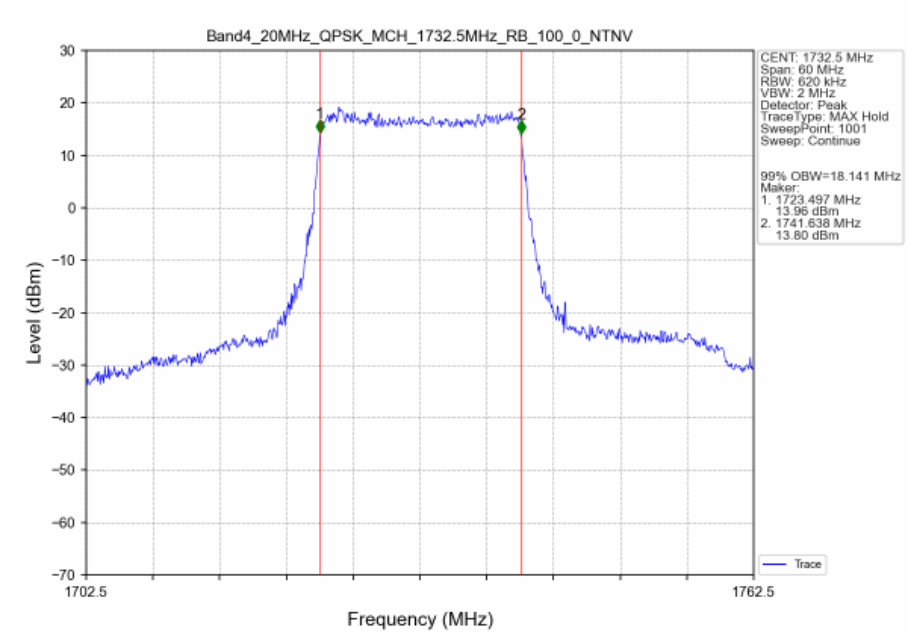
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



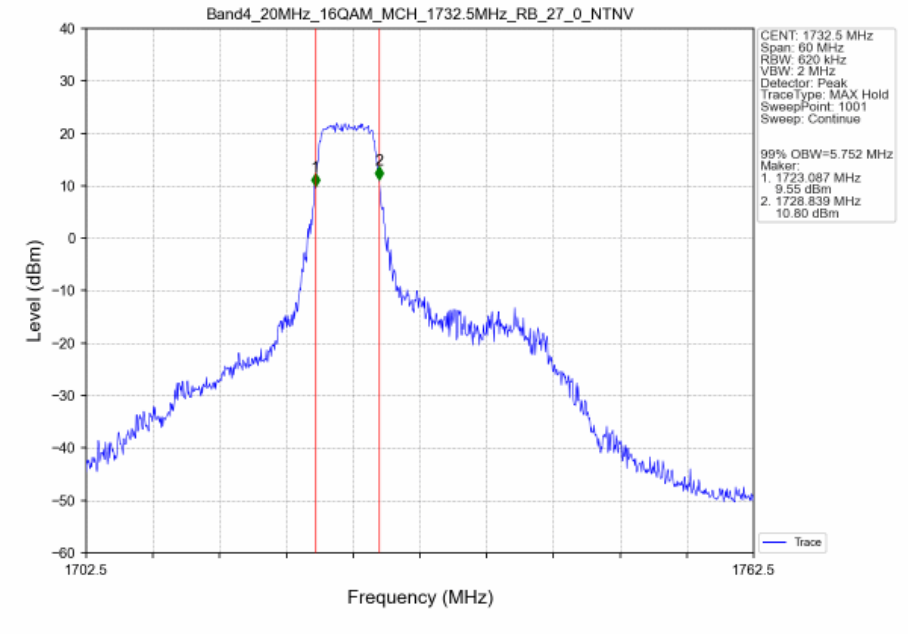
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

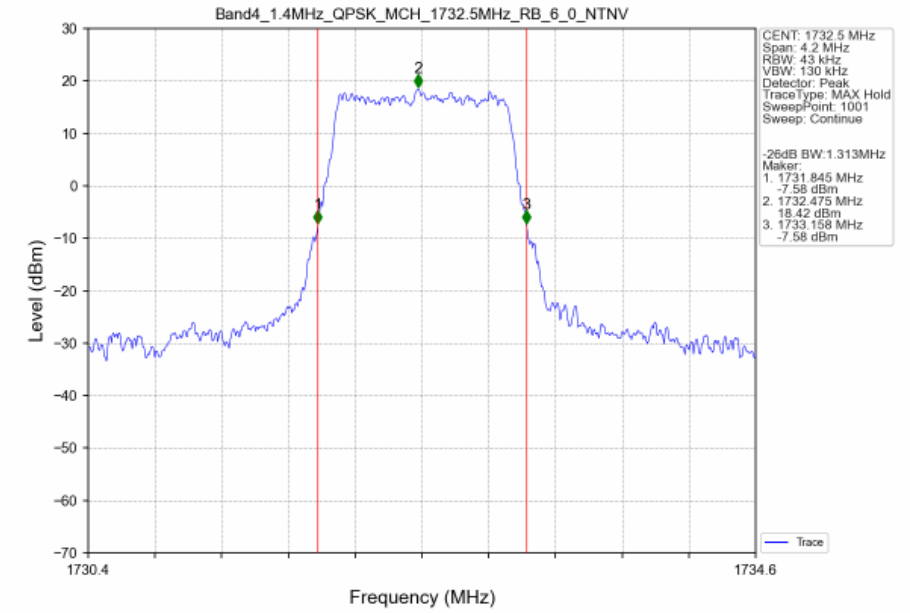


Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV

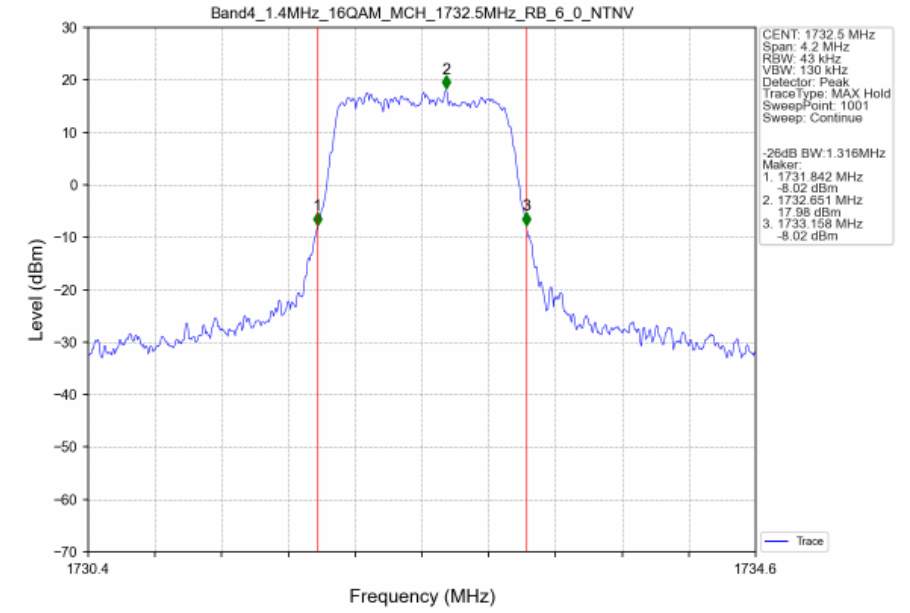


3.2.2 Band4_XDB

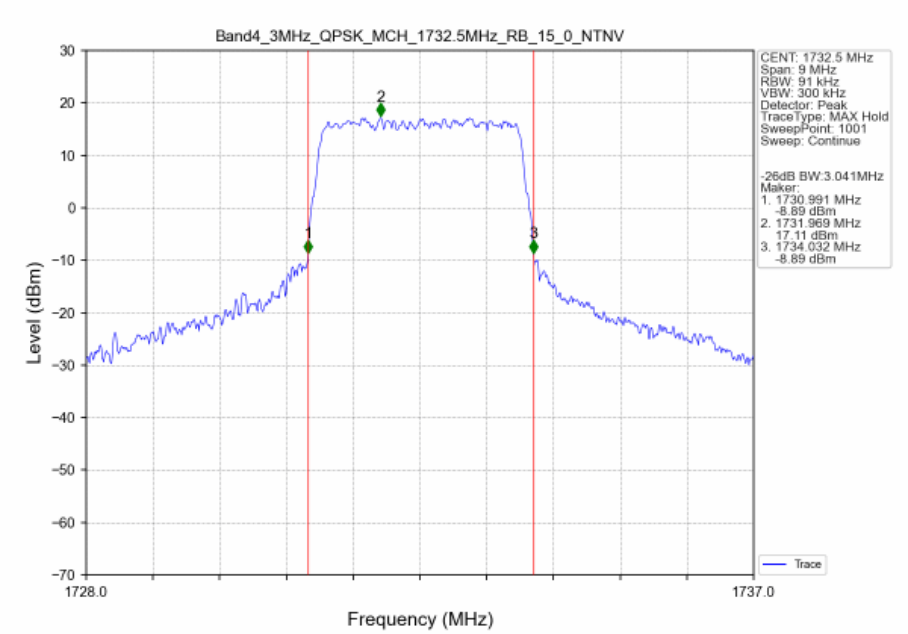
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



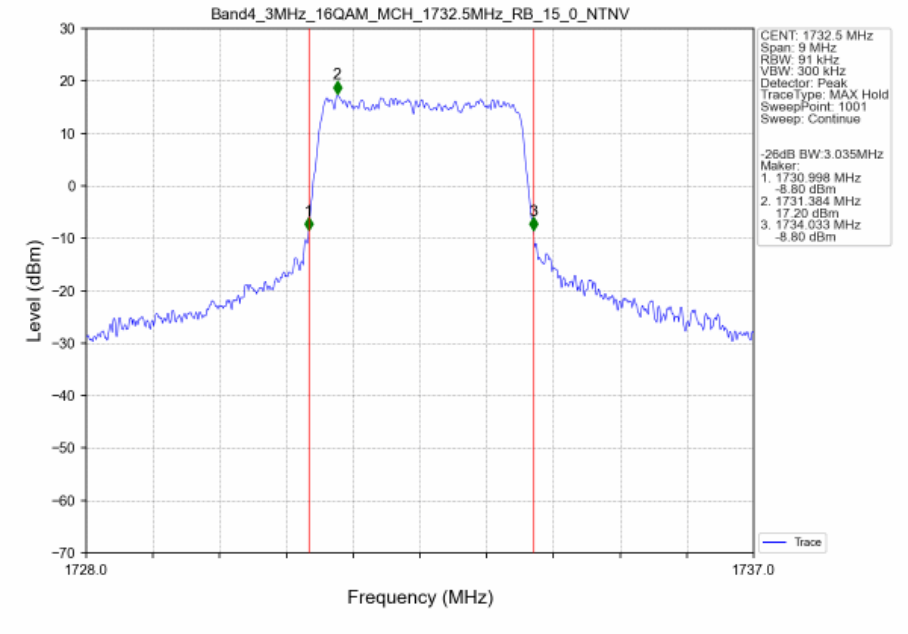
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



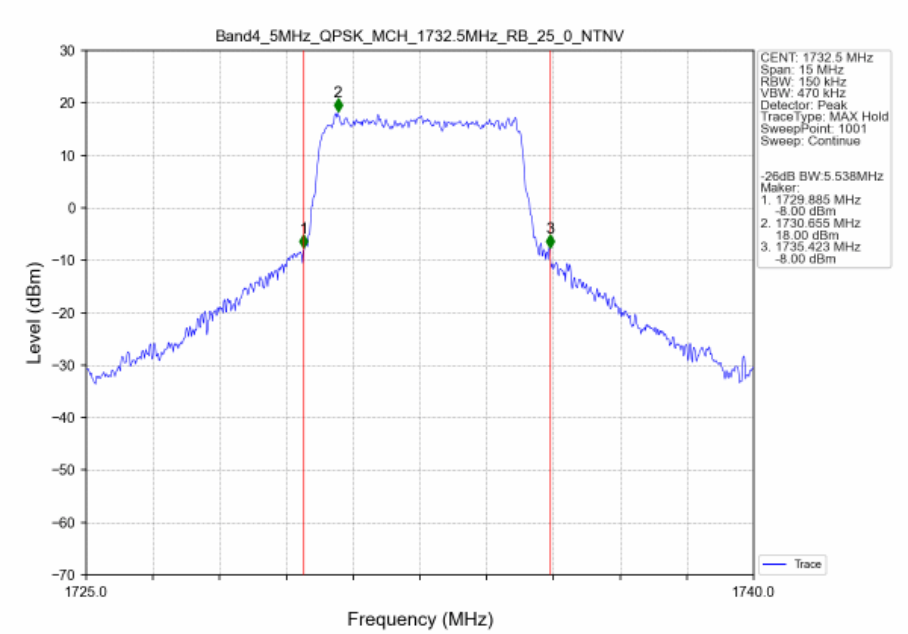
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



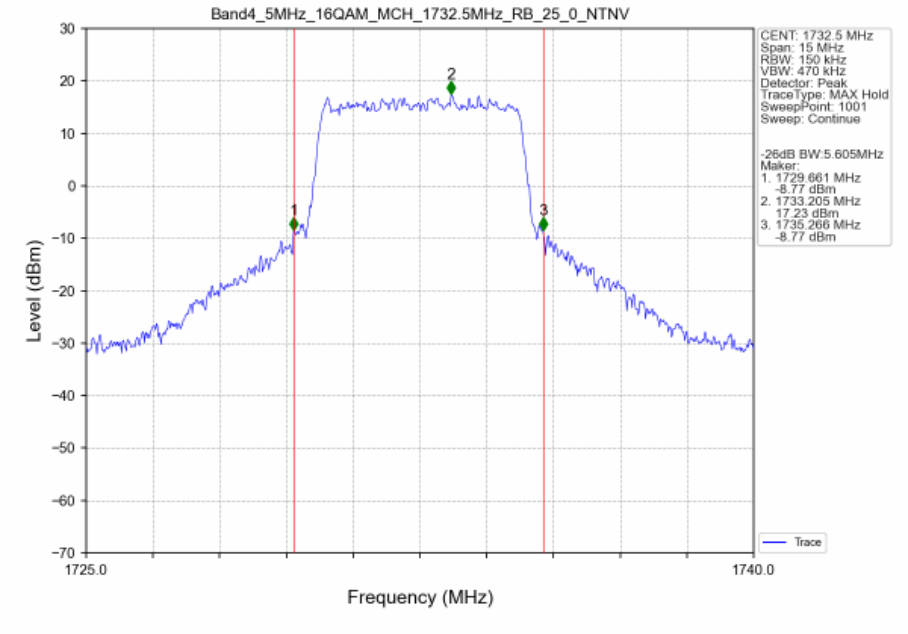
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



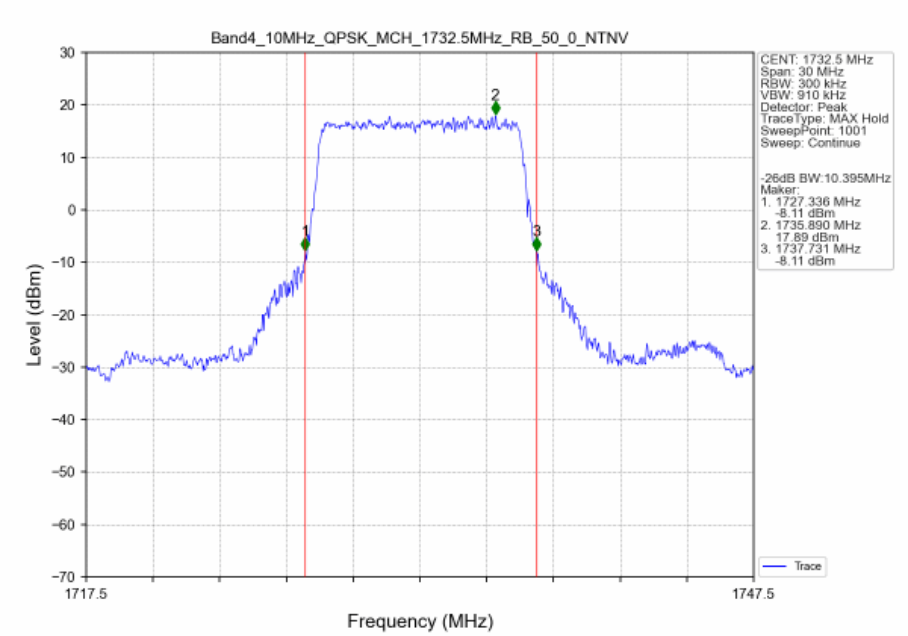
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



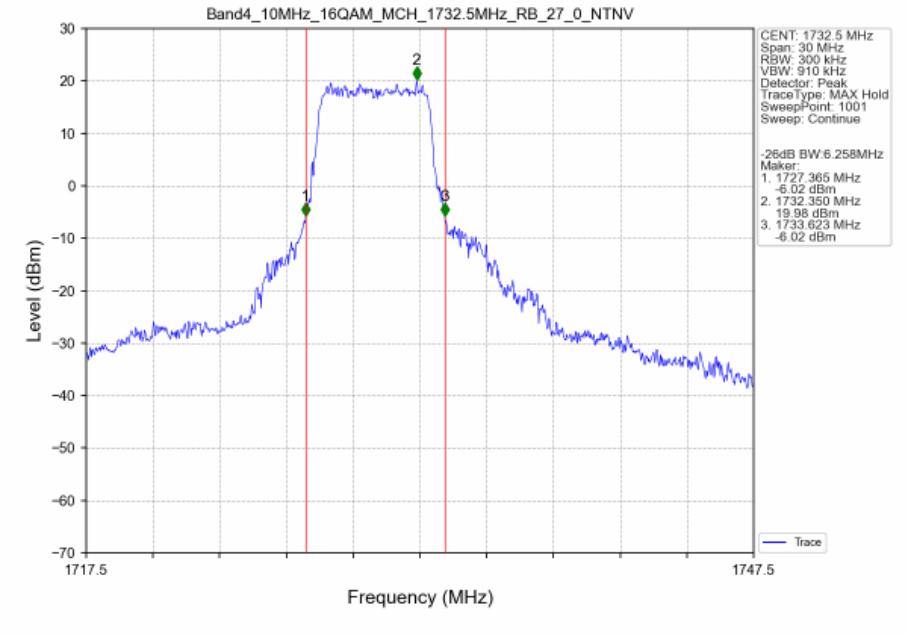
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



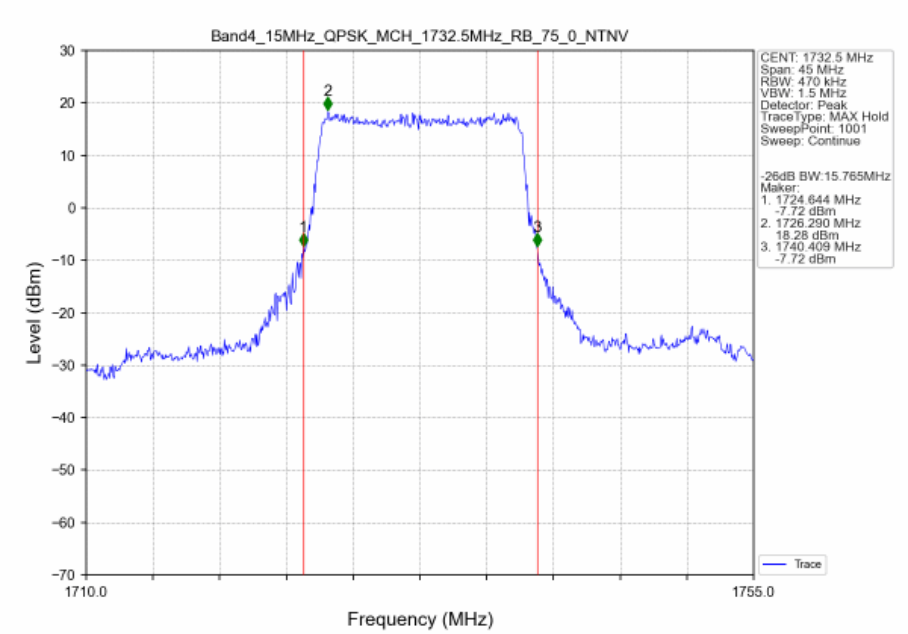
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



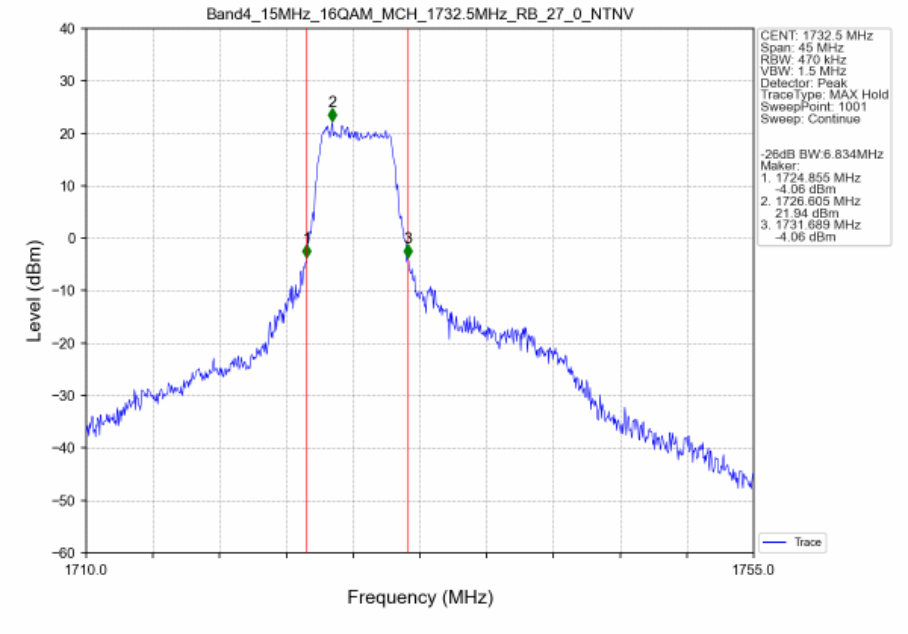
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



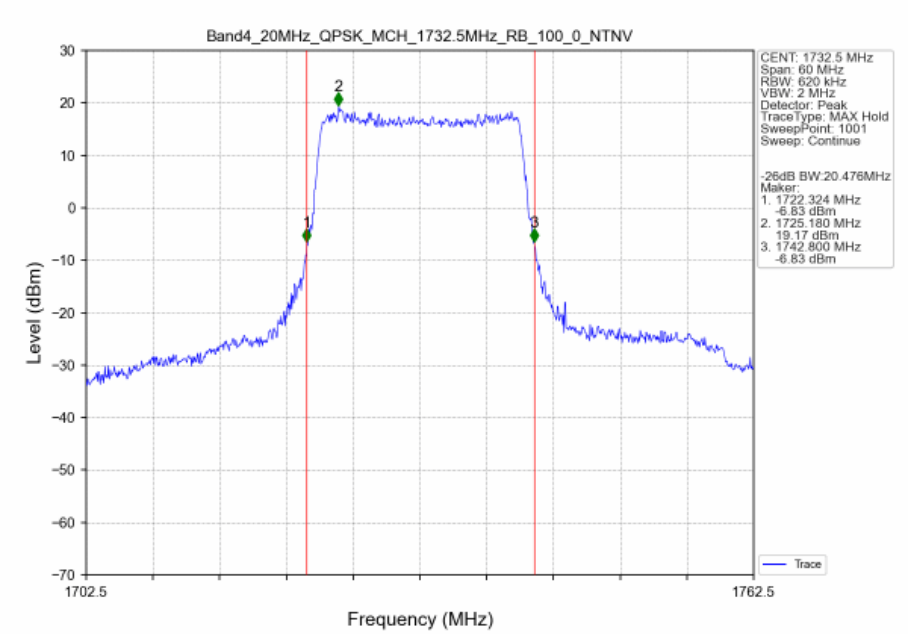
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



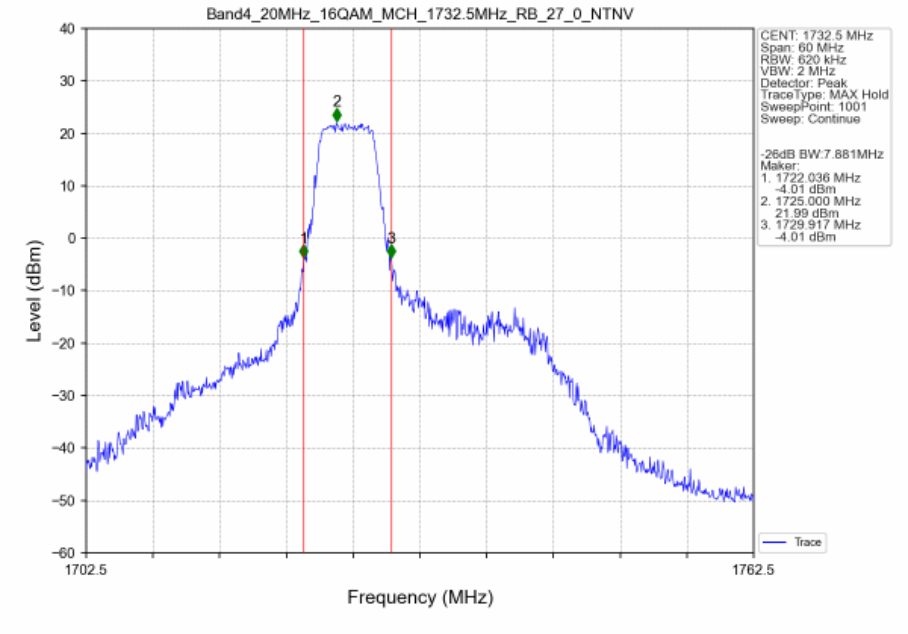
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

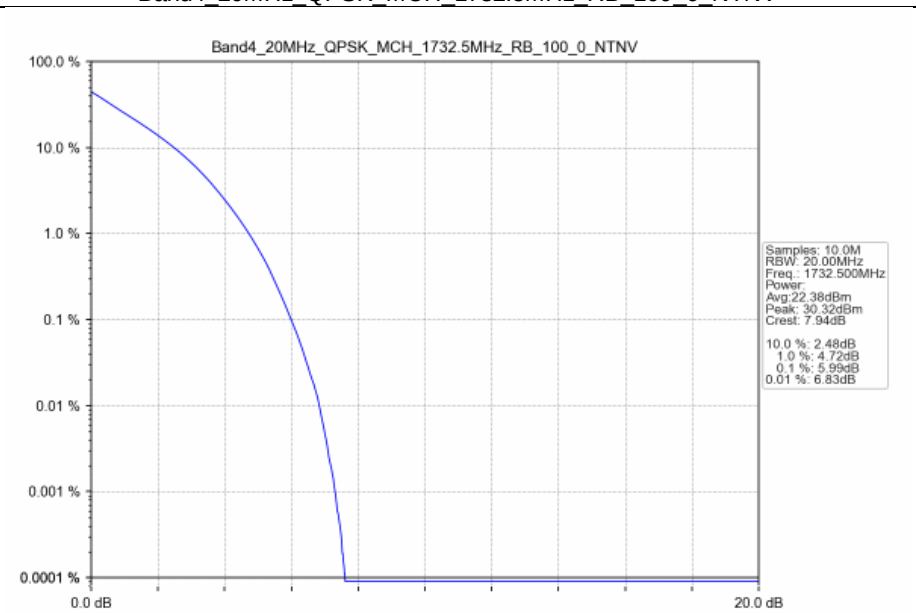
4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.99	<=13	Pass
16QAM	1732.5	27	0	6.70	<=13	Pass

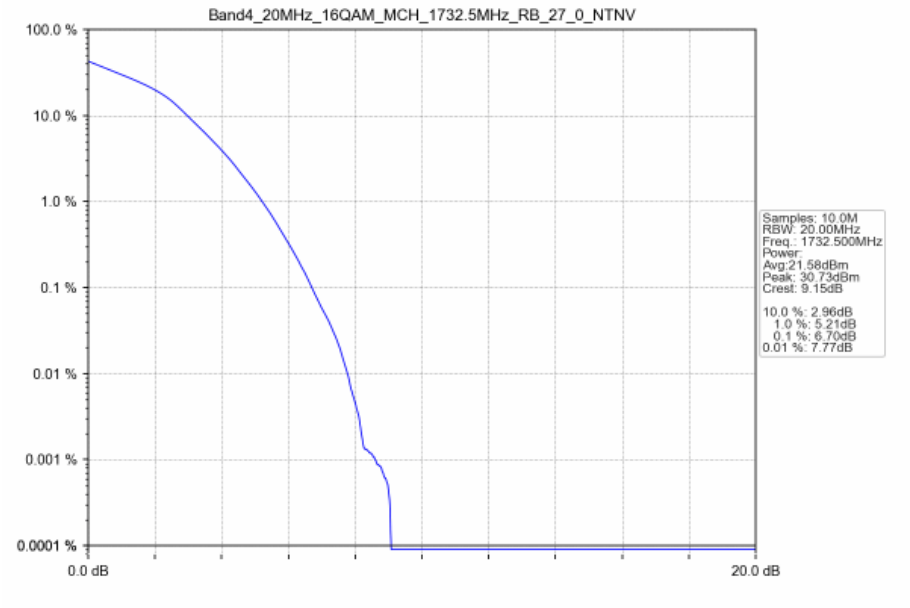
4.2 Test Graph

4.2.1 B4_20MHz

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_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

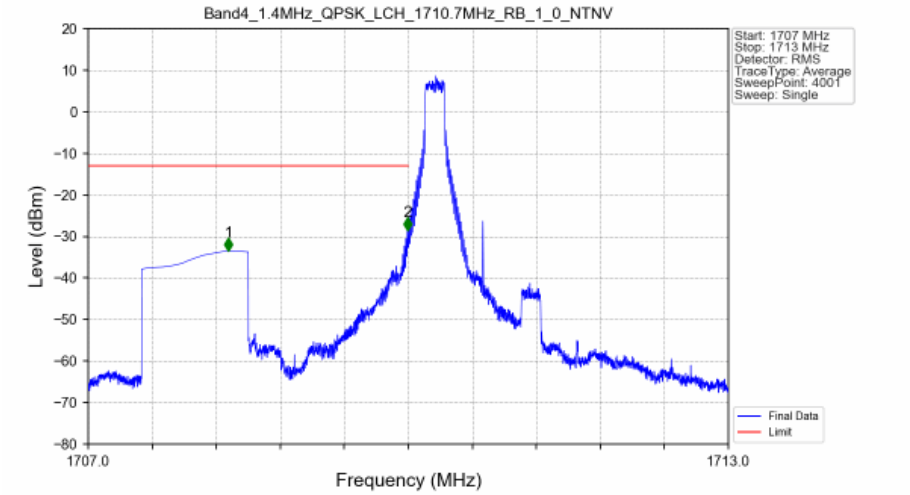
5.1.6 B4_20MHz

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

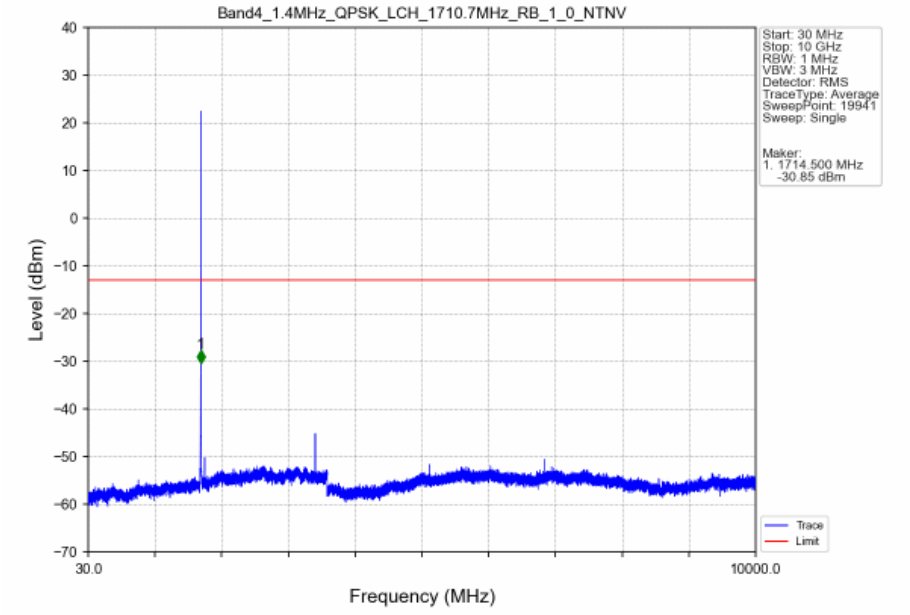
5.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

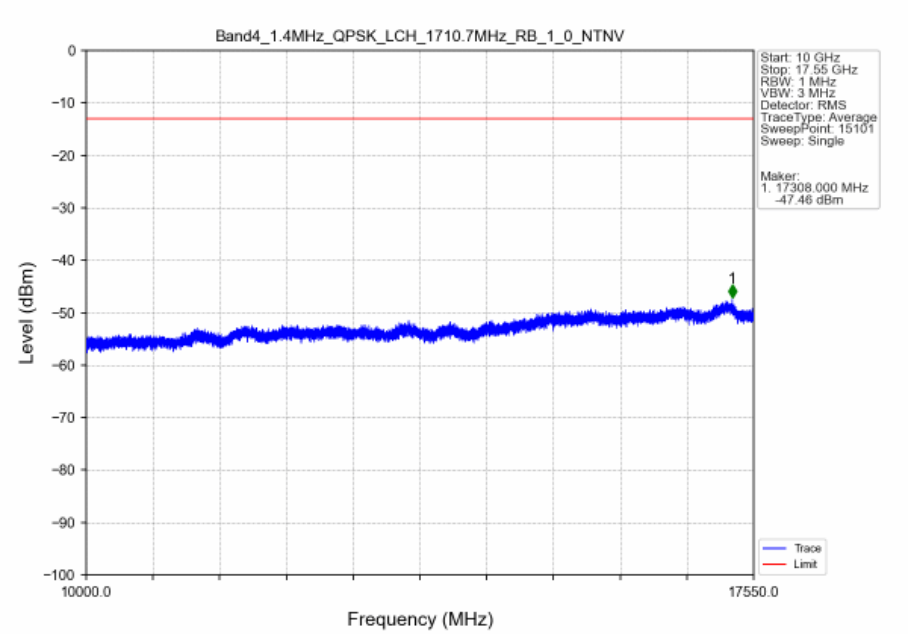


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.314	-33.51	-13	Pass
1709	1710	0.003	/	2	1709.993	-28.51	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

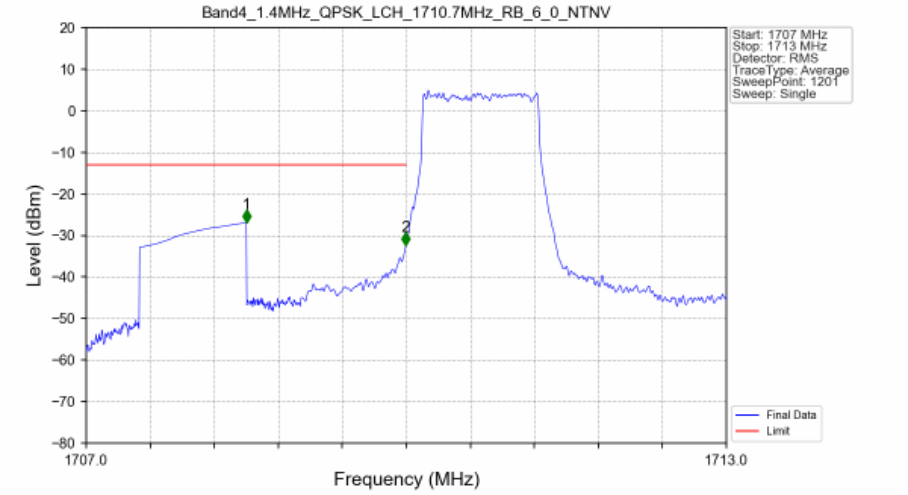
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

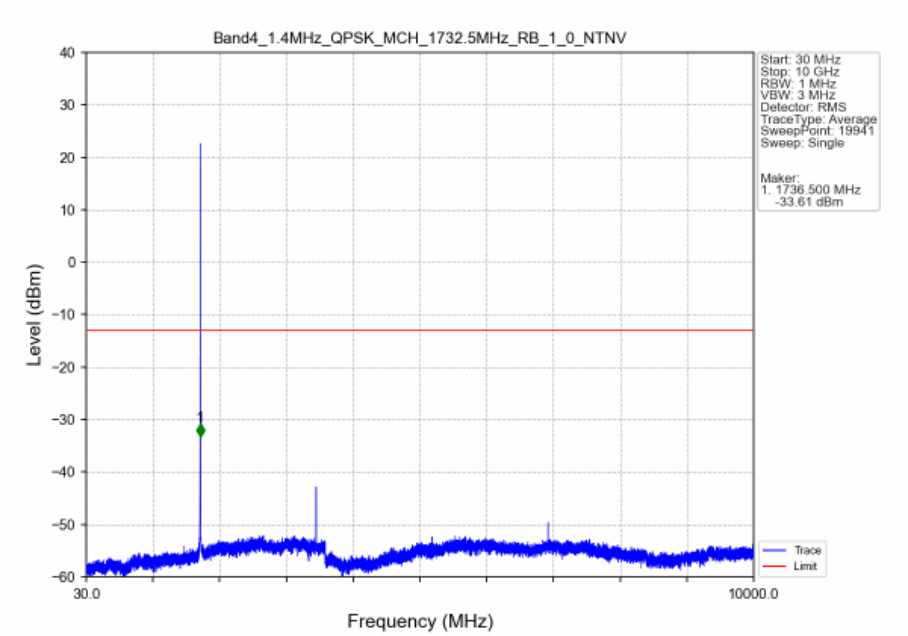


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

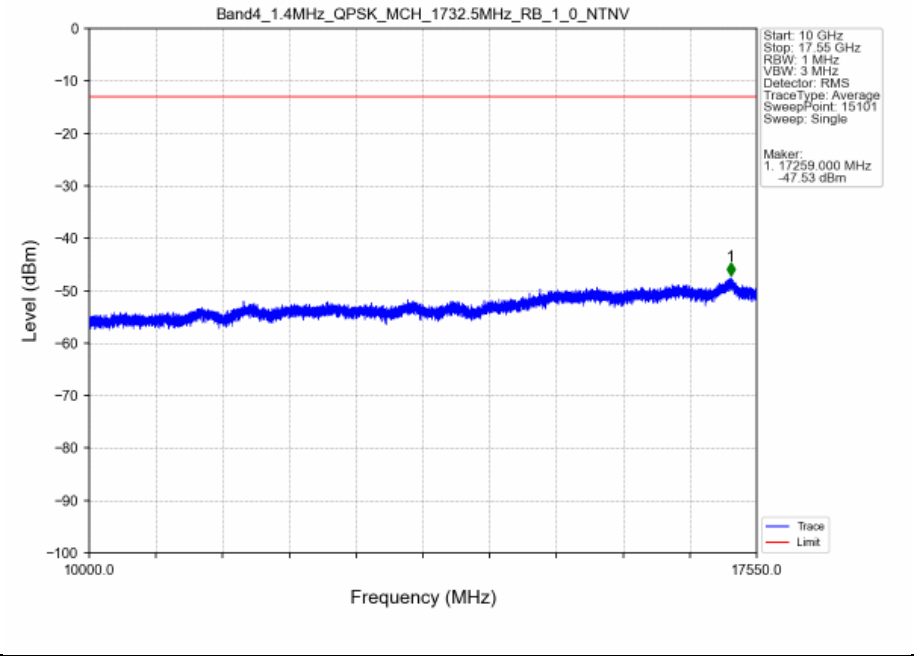


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.96	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-32.49	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

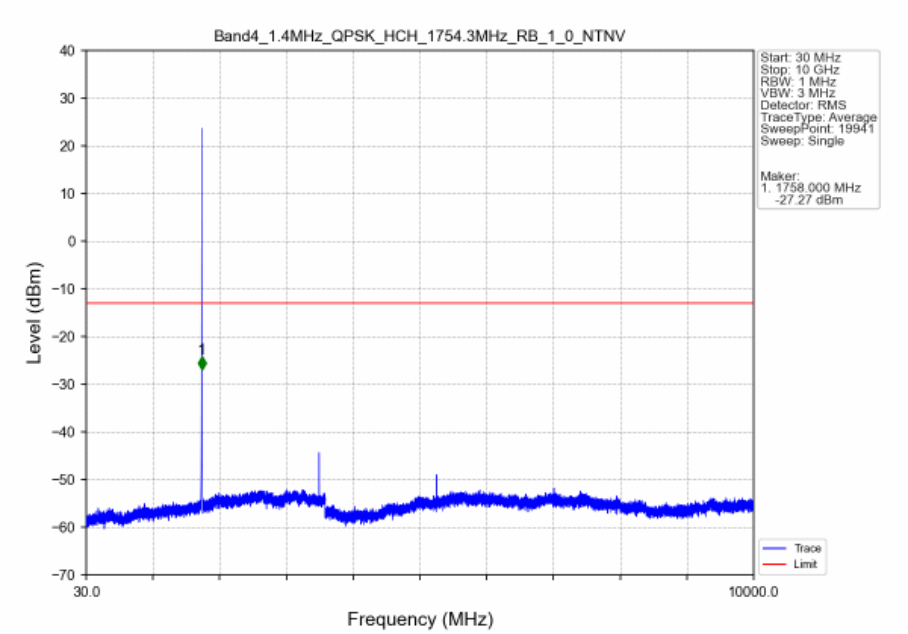
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



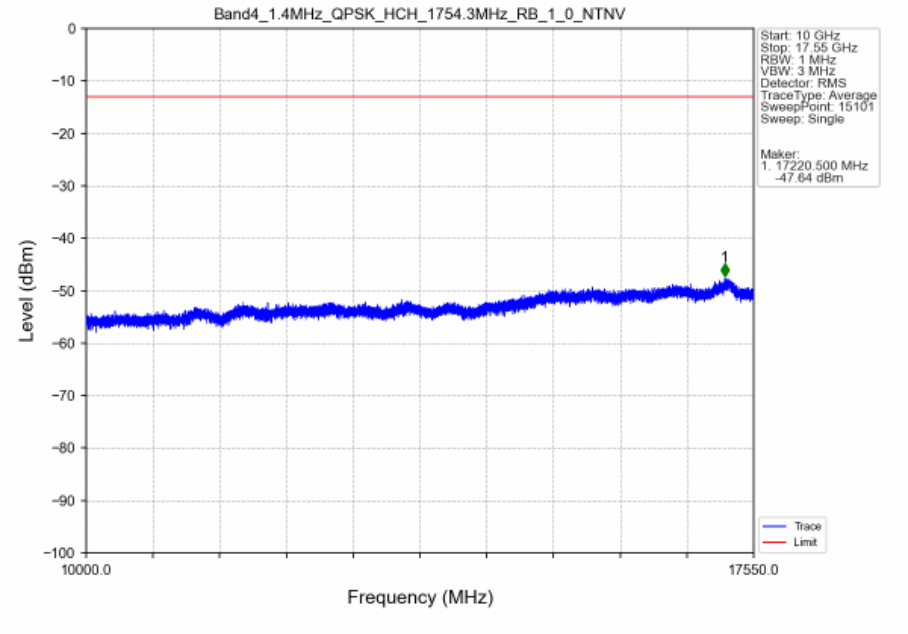
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



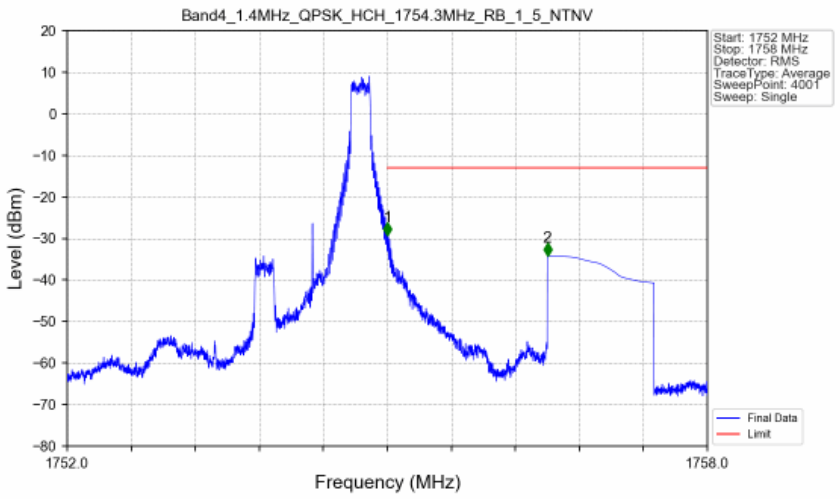
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

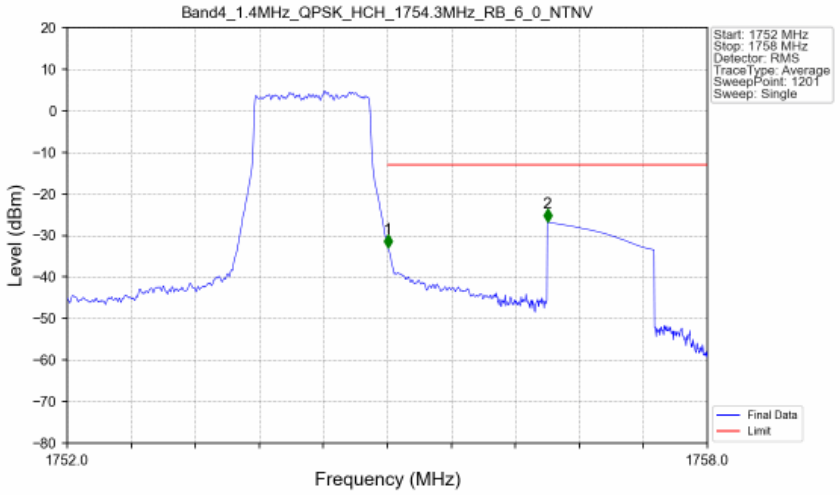


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



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	1755.003	-29.26	-13	Pass
1756	1758	1	CHP	2	1756.500	-34.21	-13	Pass

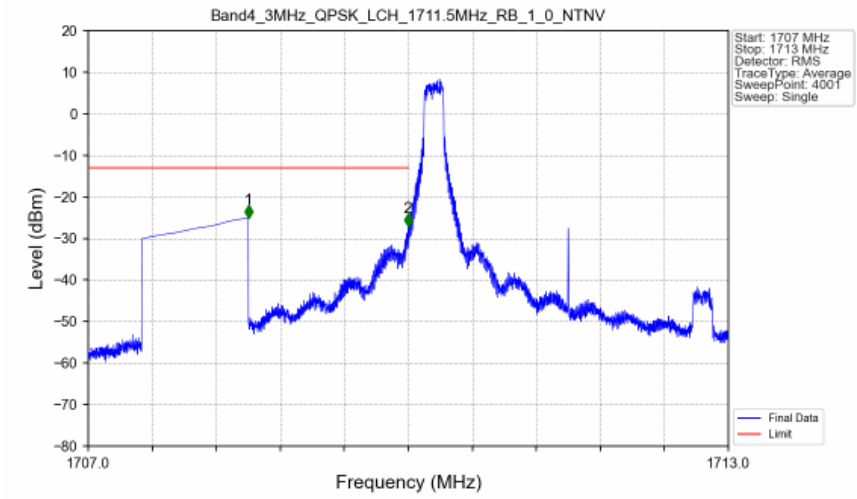
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



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	-33.00	-13	Pass
1756	1758	1	CHP	2	1756.500	-26.78	-13	Pass

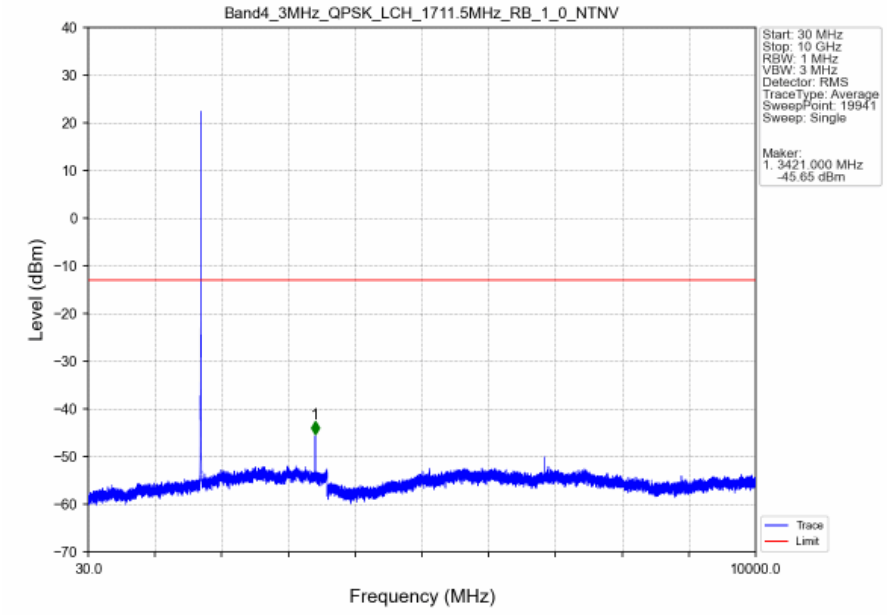
5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

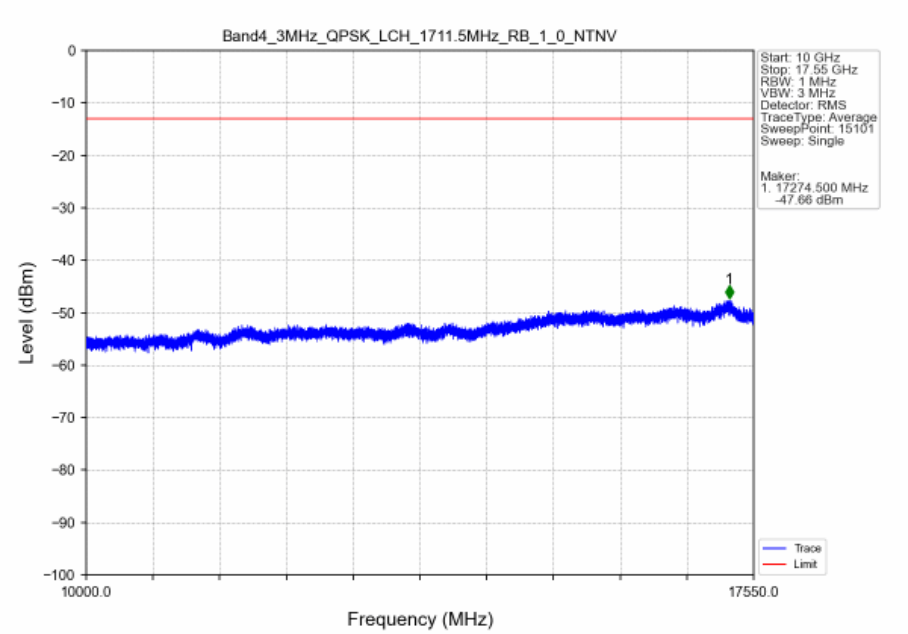


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-25.05	-13	Pass
1709	1710	0.003	/	2	1709.997	-27.16	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

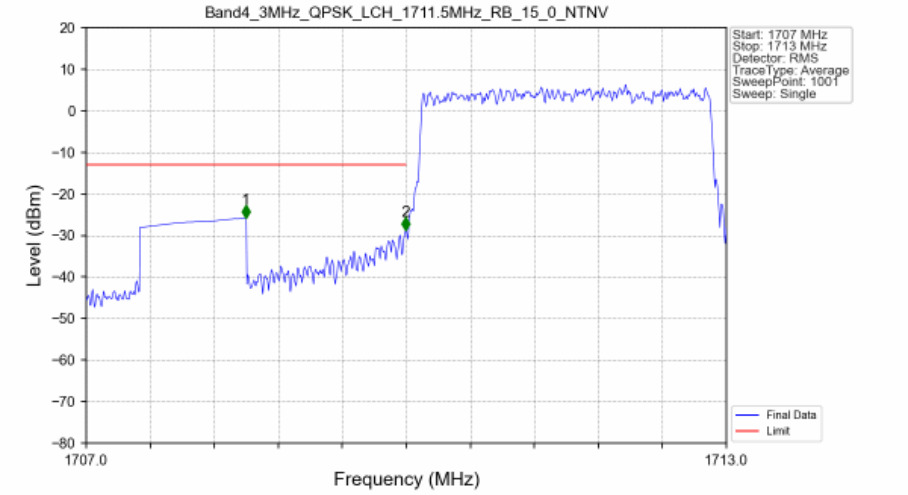
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

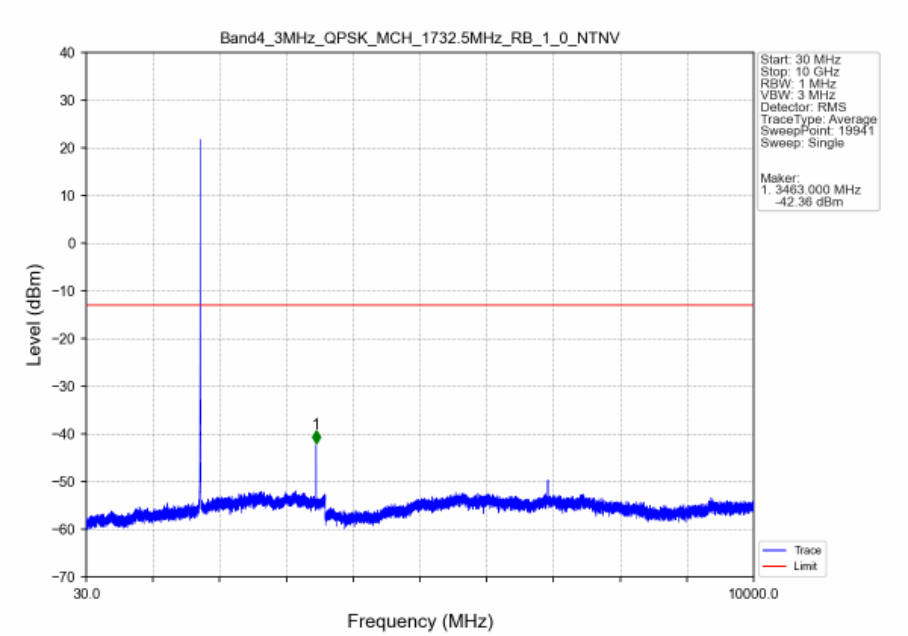


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

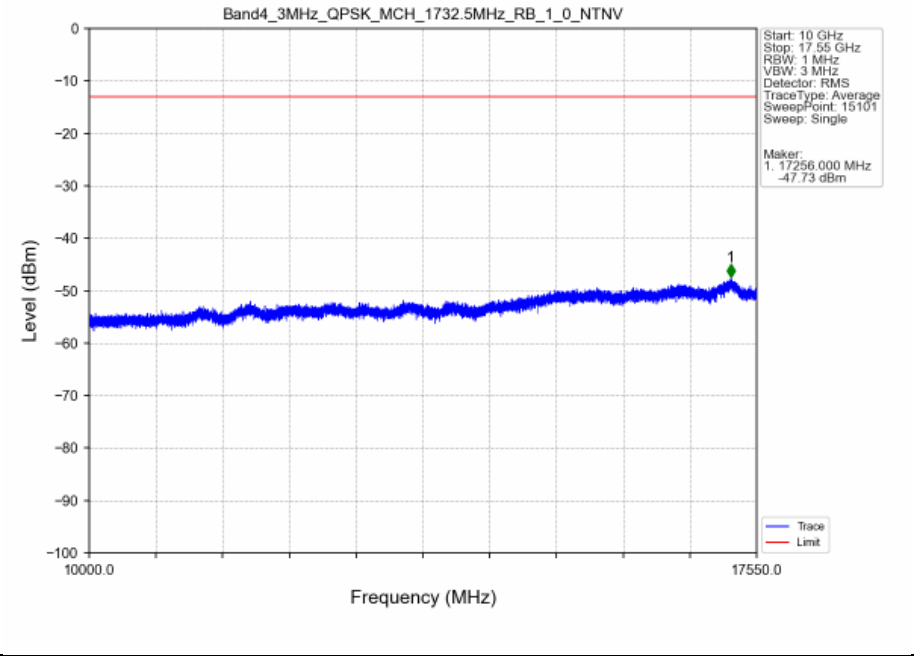


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-25.86	-13	Pass
1709	1710	0.03	/	2	1709.994	-28.81	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

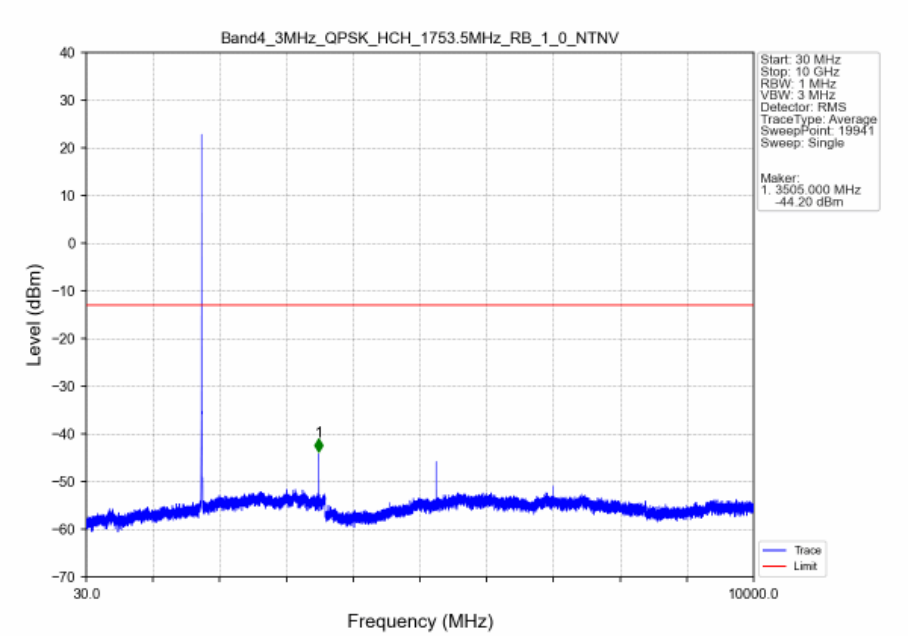
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



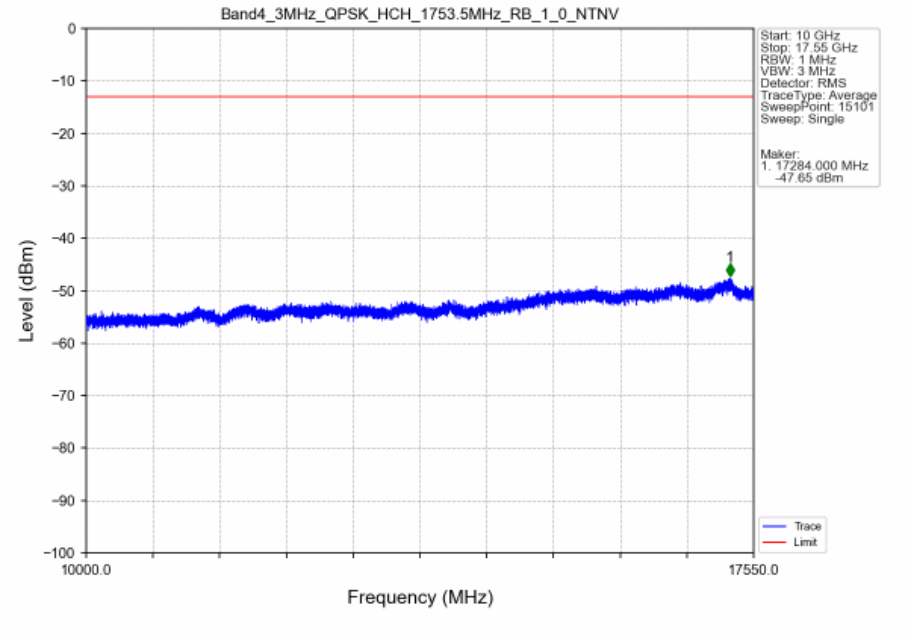
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



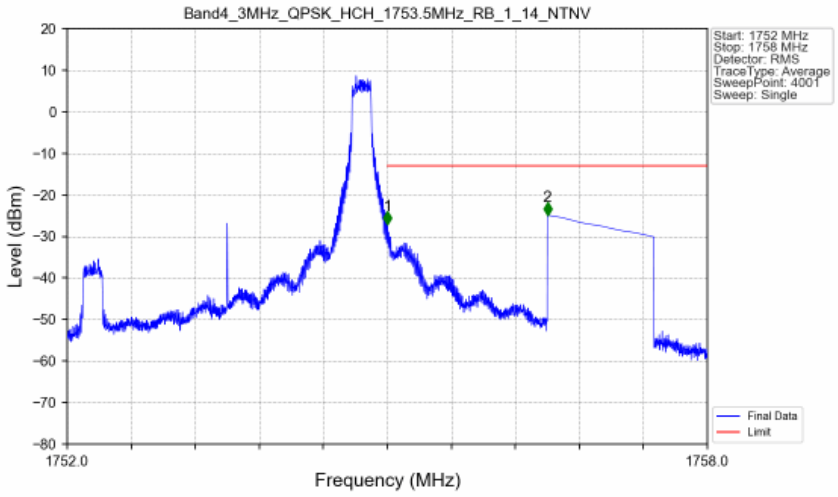
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

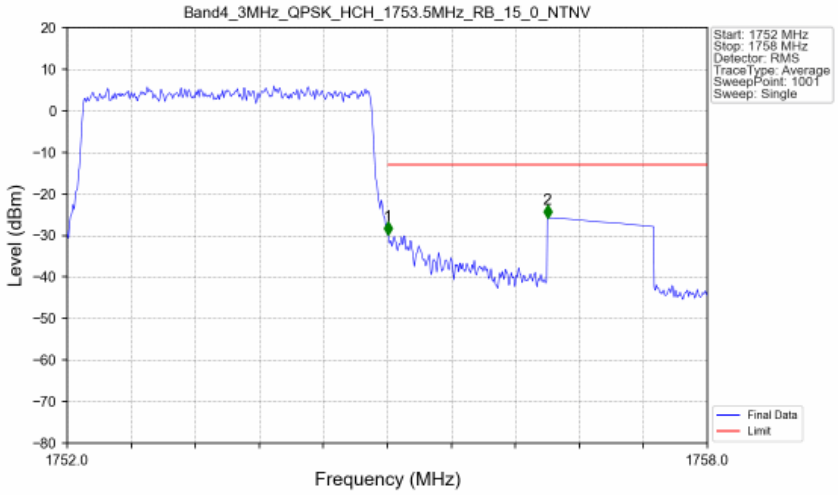


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



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	-27.07	-13	Pass
1756	1758	1	CHP	2	1756.500	-24.88	-13	Pass

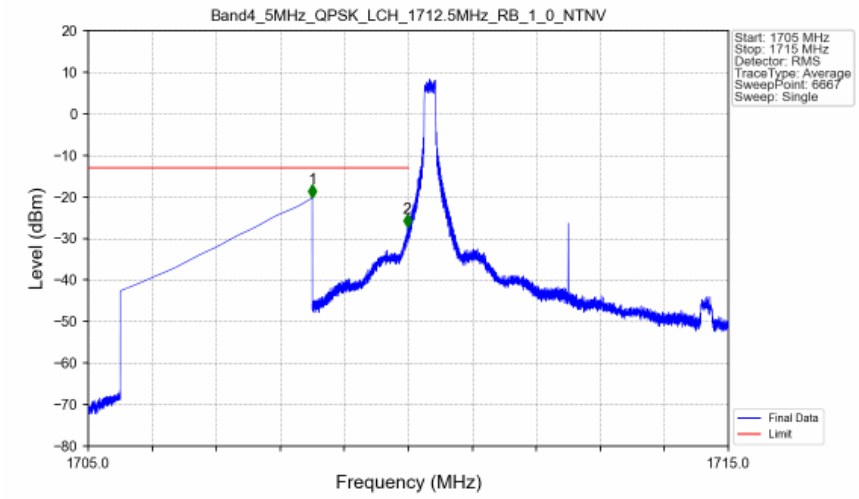
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



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	-29.92	-13	Pass
1756	1758	1	CHP	2	1756.500	-25.79	-13	Pass

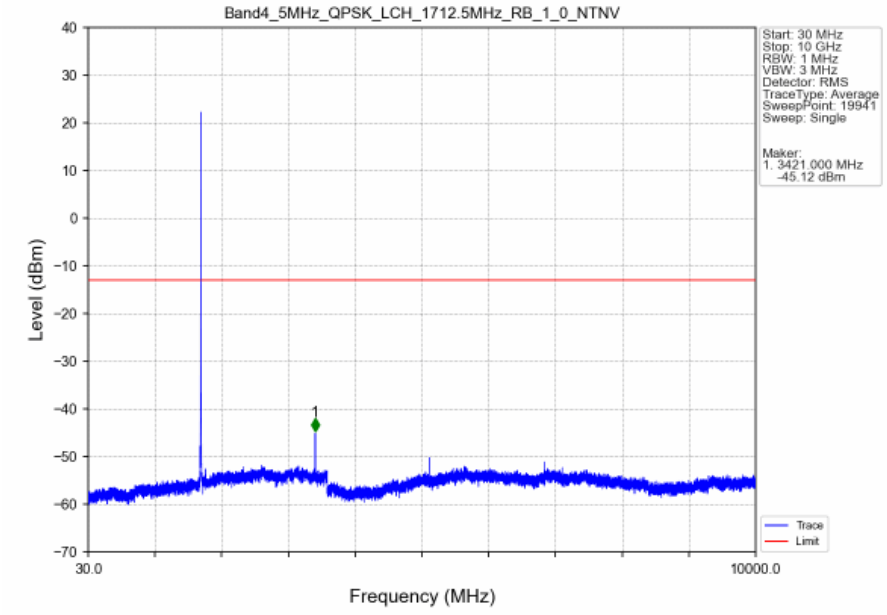
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

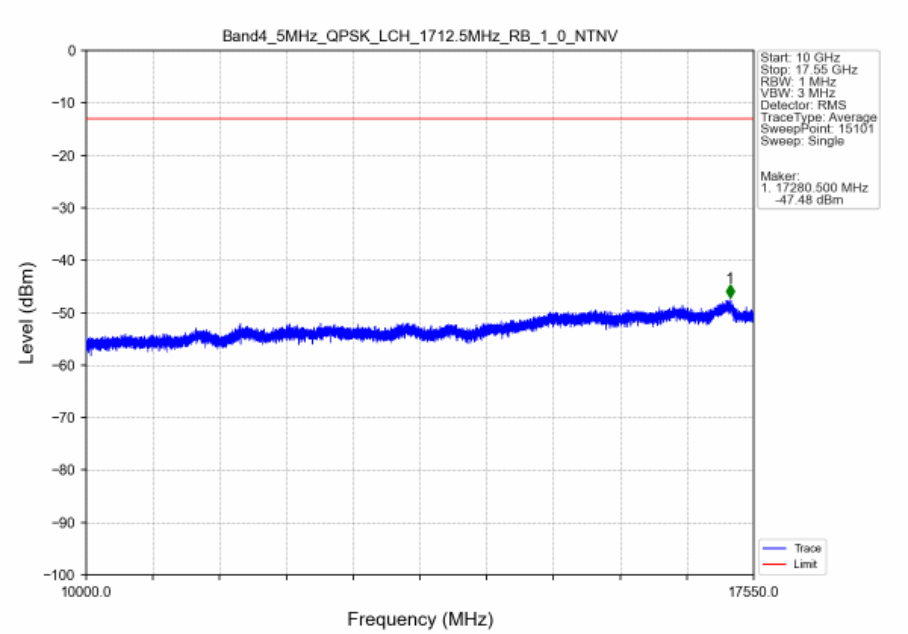


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-20.28	-13	Pass
1709	1710	0.003	/	2	1709.983	-27.37	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

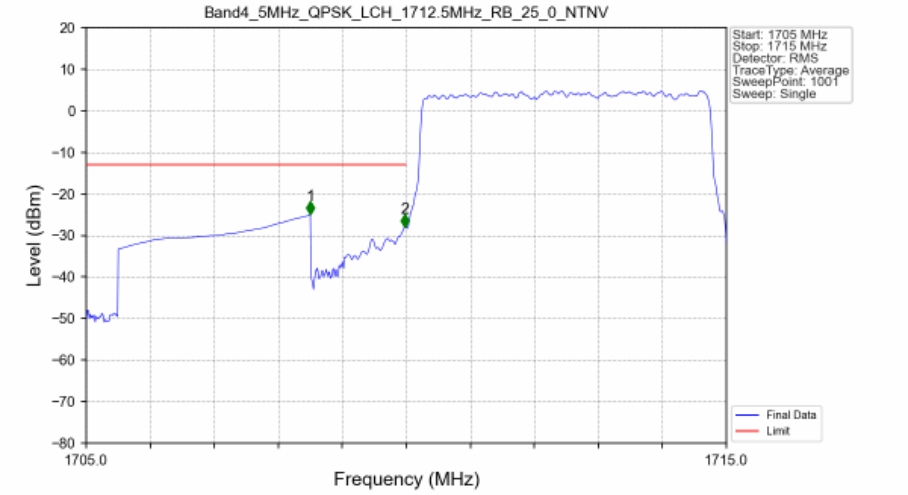
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

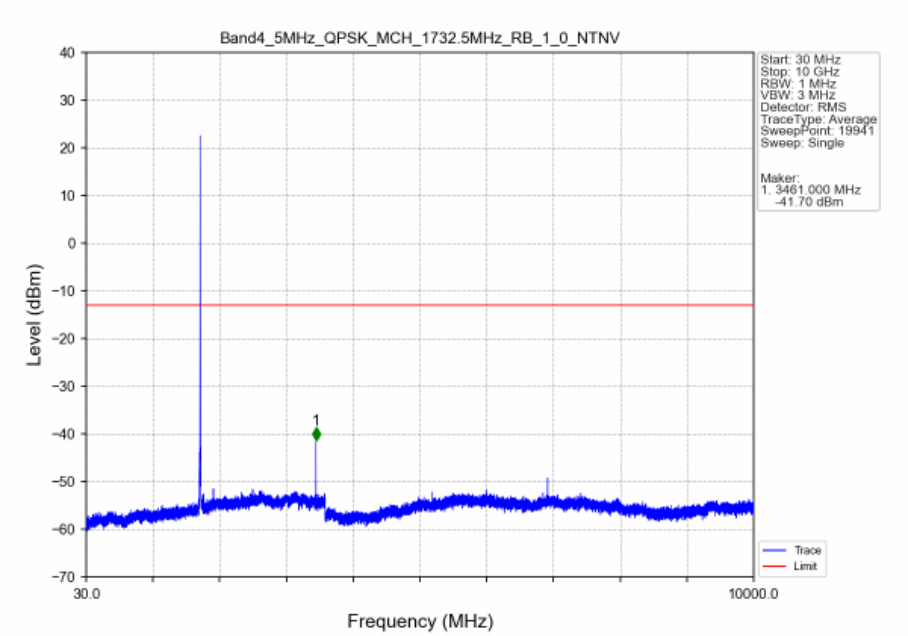


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

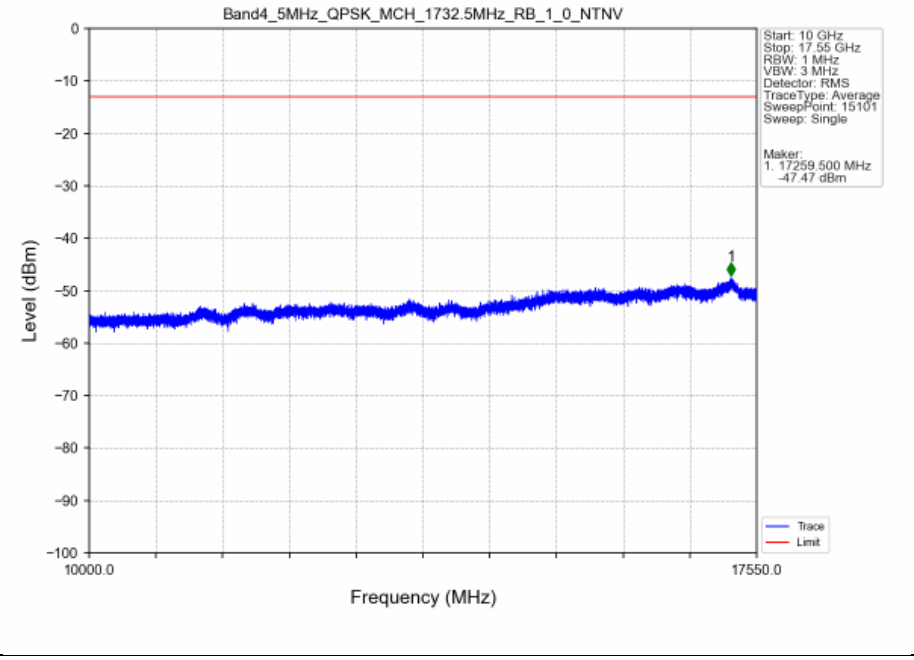


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-25.00	-13	Pass
1709	1710	0.055	CHP	2	1709.980	-27.98	-13	Pass
1710	1715	0.055	CHP	/	/	/	/	/

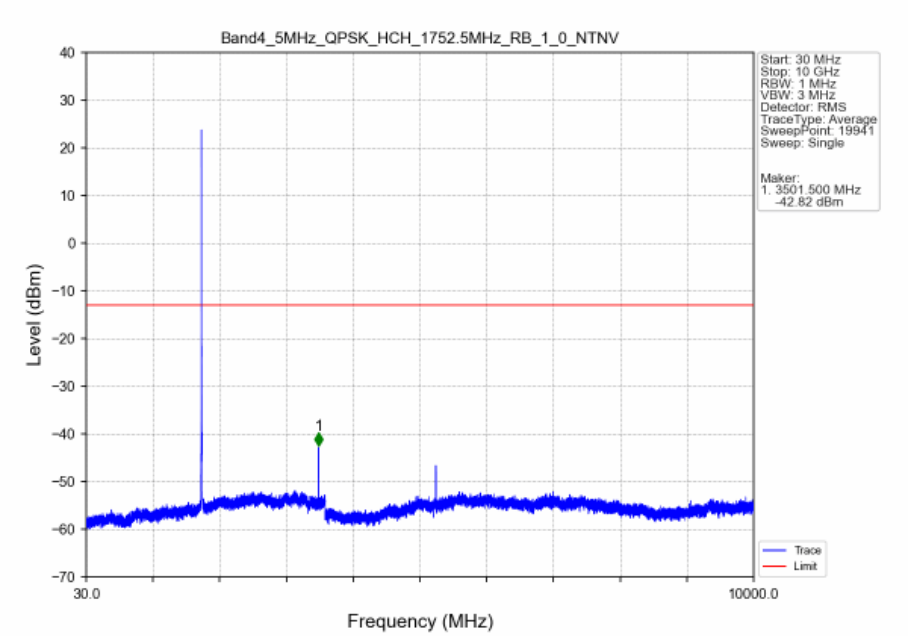
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



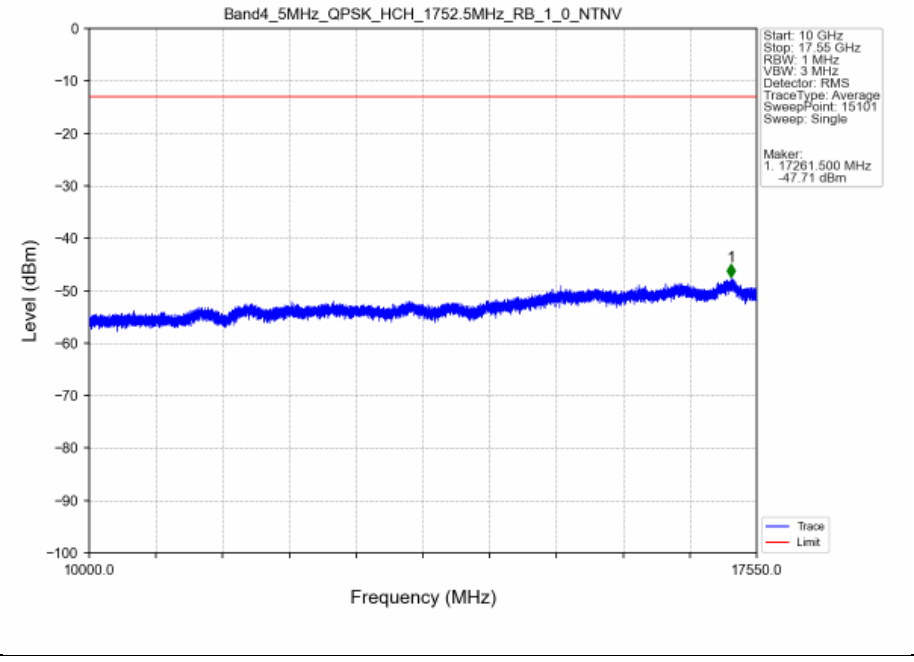
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



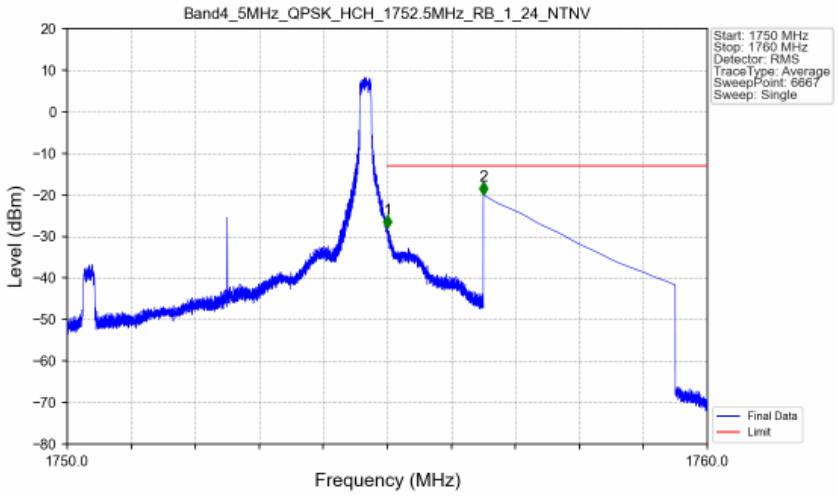
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

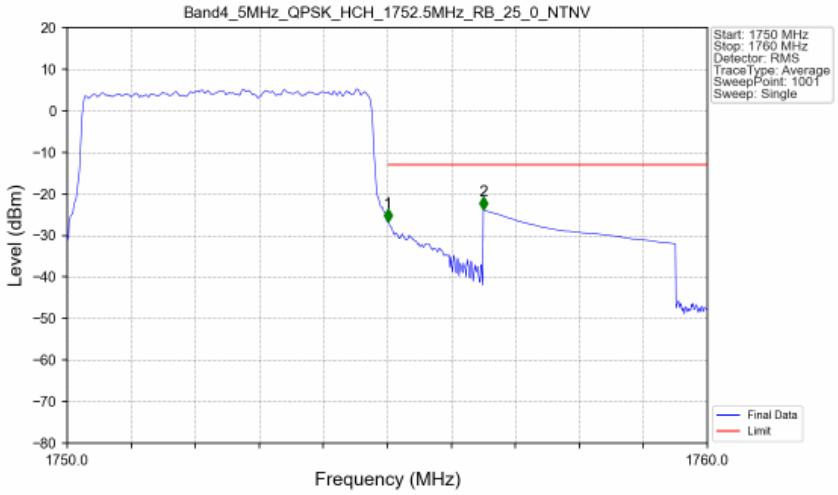


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



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	-28.11	-13	Pass
1756	1760	1	CHP	2	1756.500	-20.00	-13	Pass

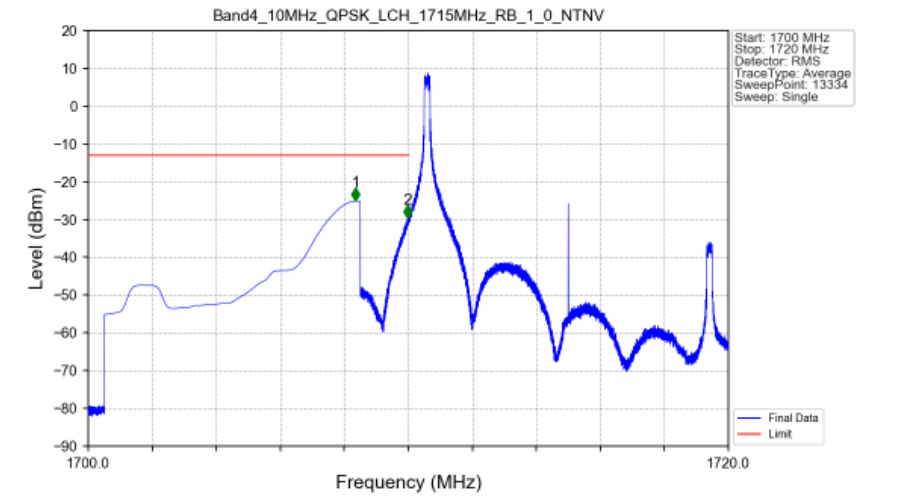
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.055	CHP	/	/	/	/	/
1755	1756	0.055	CHP	1	1755.010	-26.79	-13	Pass
1756	1760	1	CHP	2	1756.500	-23.90	-13	Pass

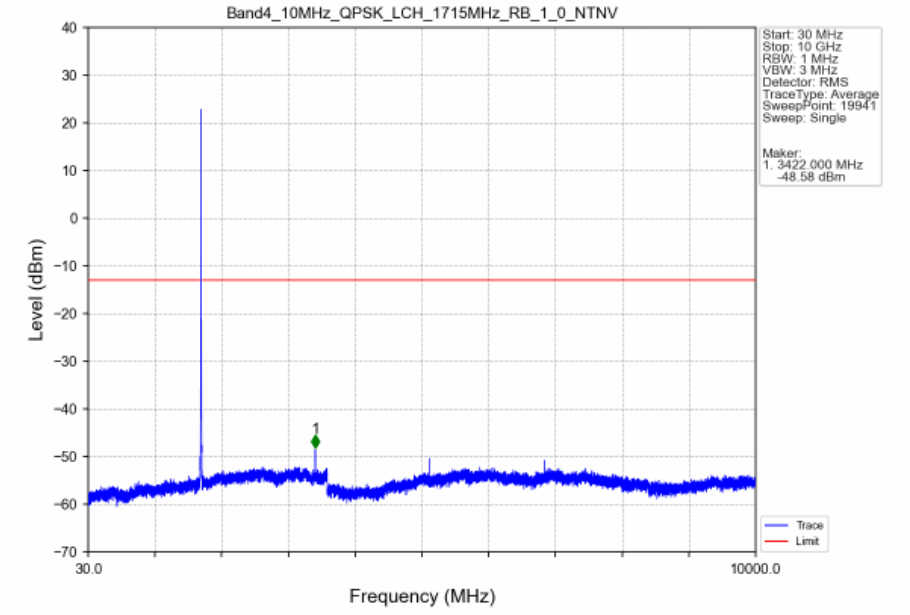
5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

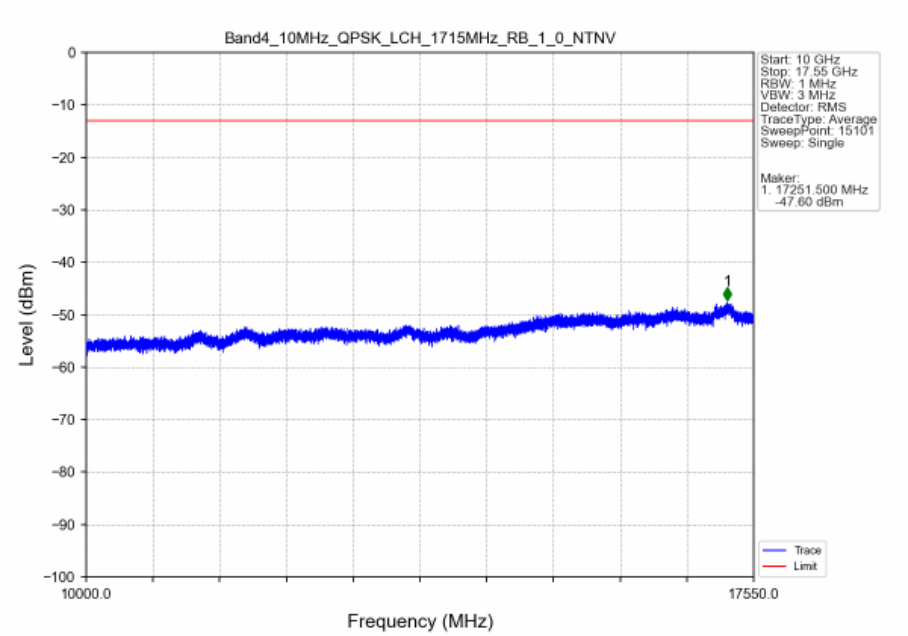


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.355	-25.10	-13	Pass
1709	1710	0.003	/	2	1709.984	-29.54	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

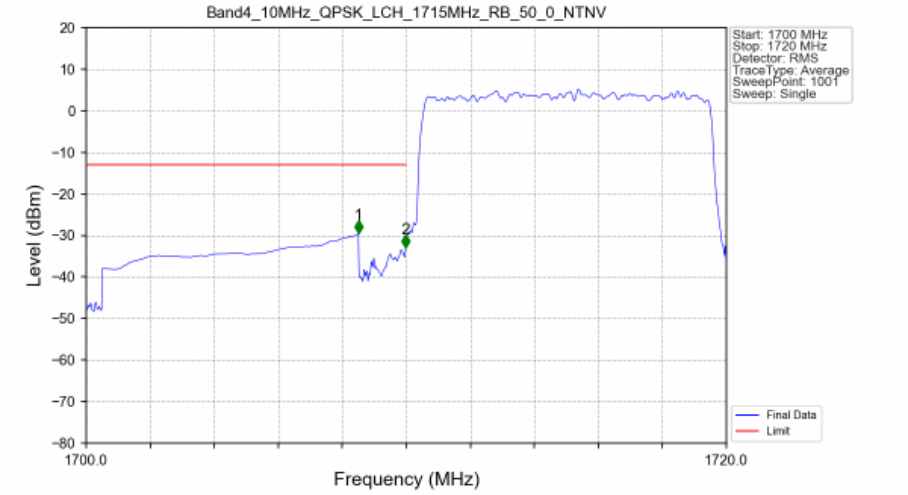
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

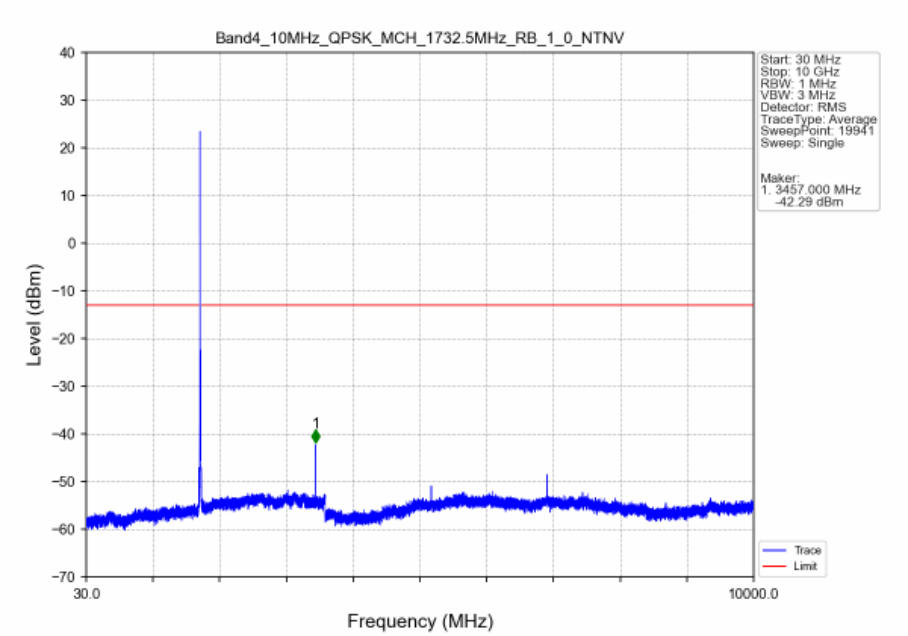


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

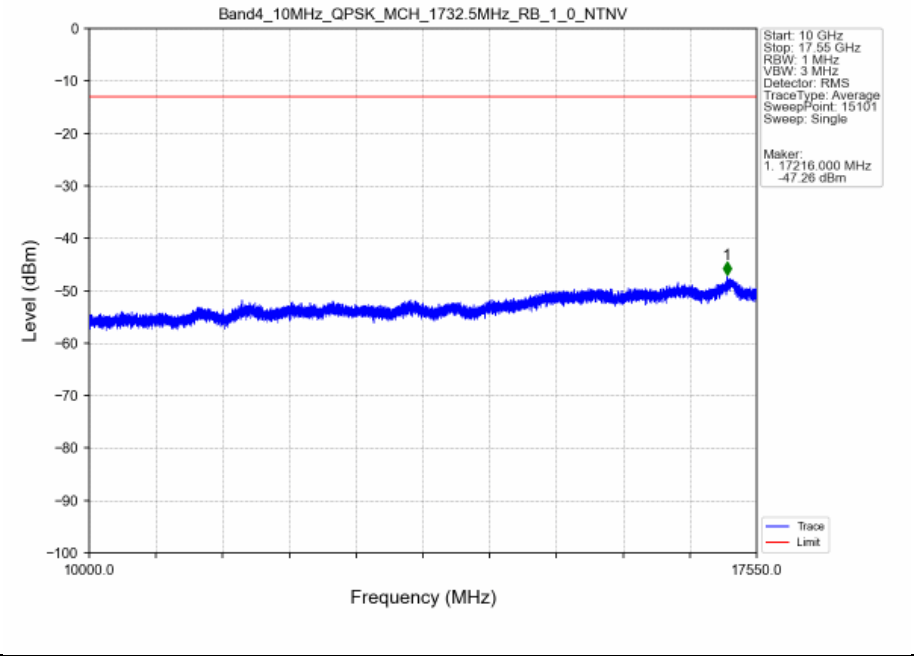


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-29.56	-13	Pass
1709	1710	0.104	CHP	2	1709.980	-32.92	-13	Pass
1710	1720	0.104	CHP	/	/	/	/	/

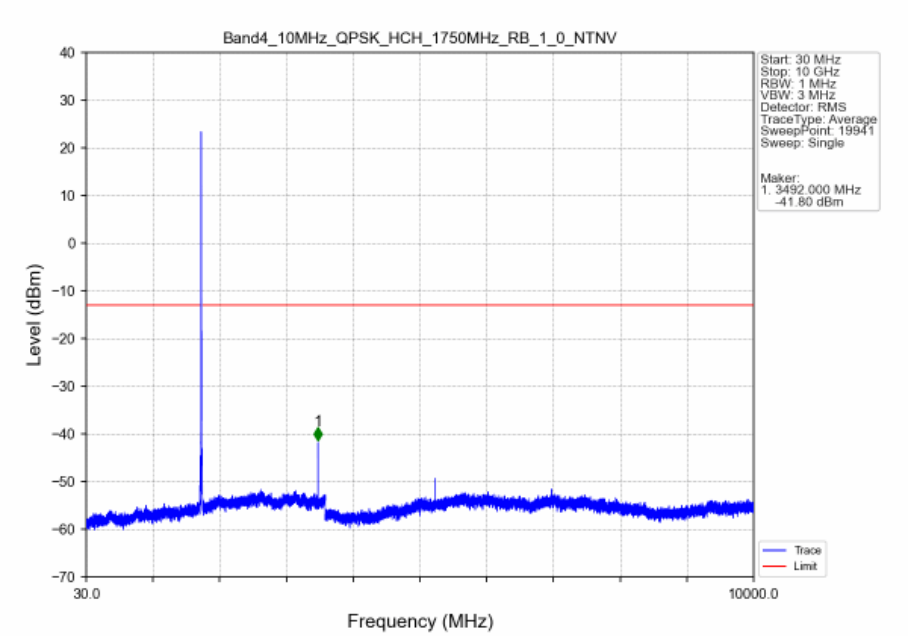
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



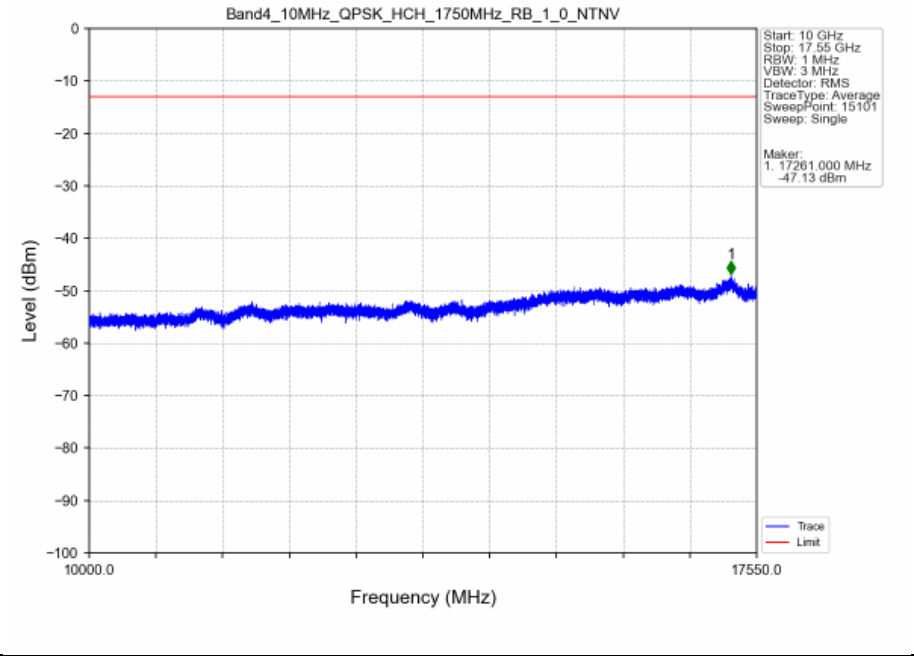
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



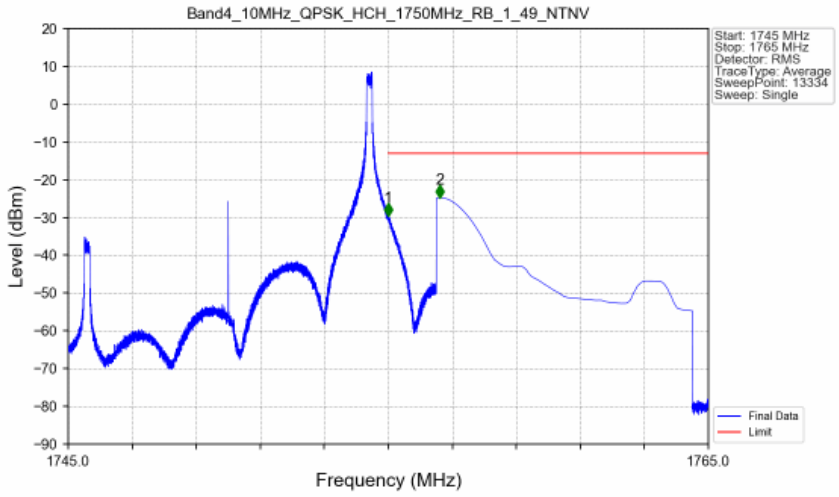
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

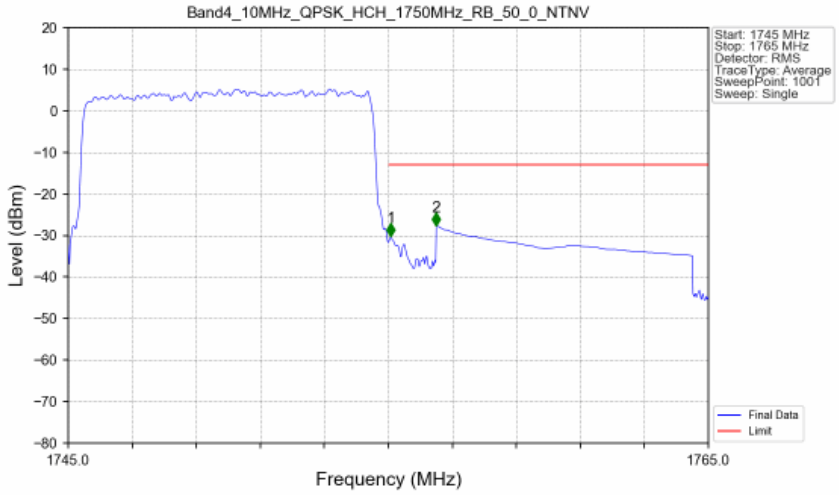


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-29.60	-13	Pass
1756	1765	1	CHP	2	1756.615	-24.76	-13	Pass

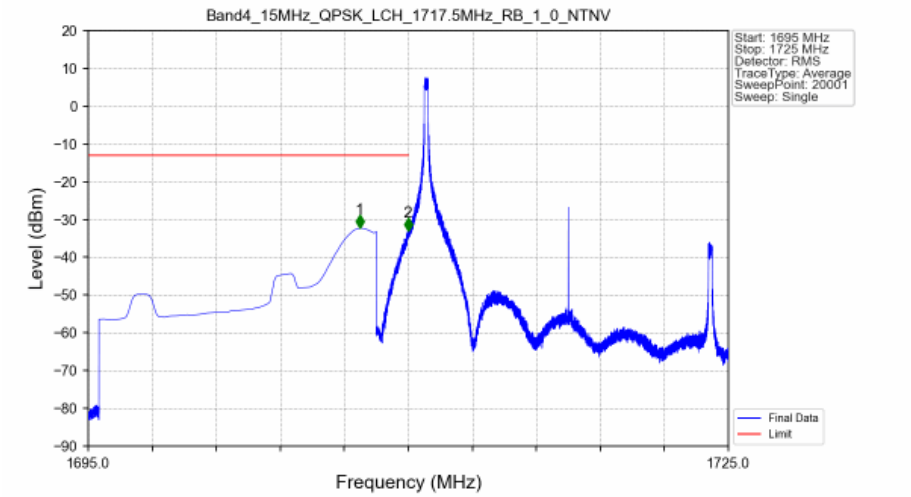
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.104	CHP	/	/	/	/	/
1755	1756	0.104	CHP	1	1755.080	-30.14	-13	Pass
1756	1765	1	CHP	2	1756.500	-27.70	-13	Pass

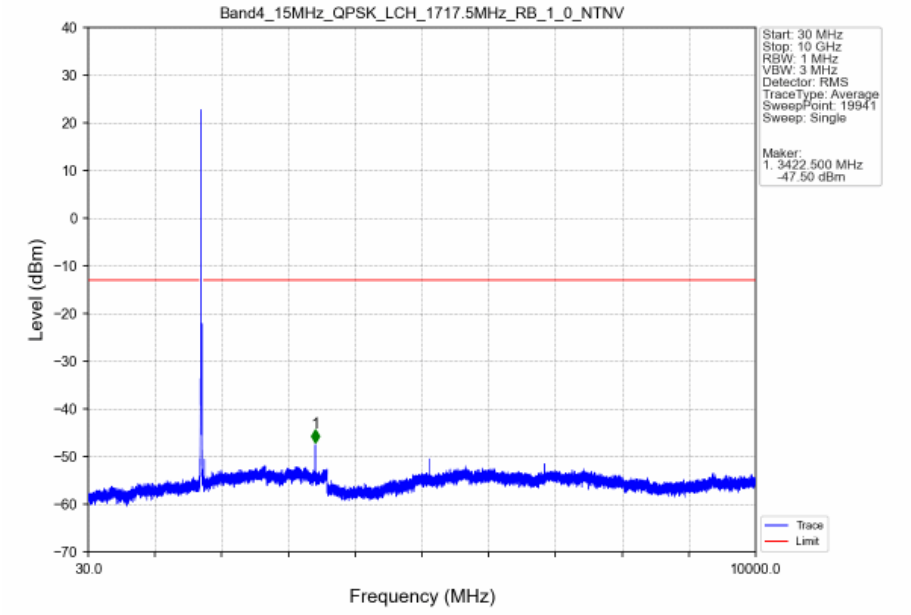
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

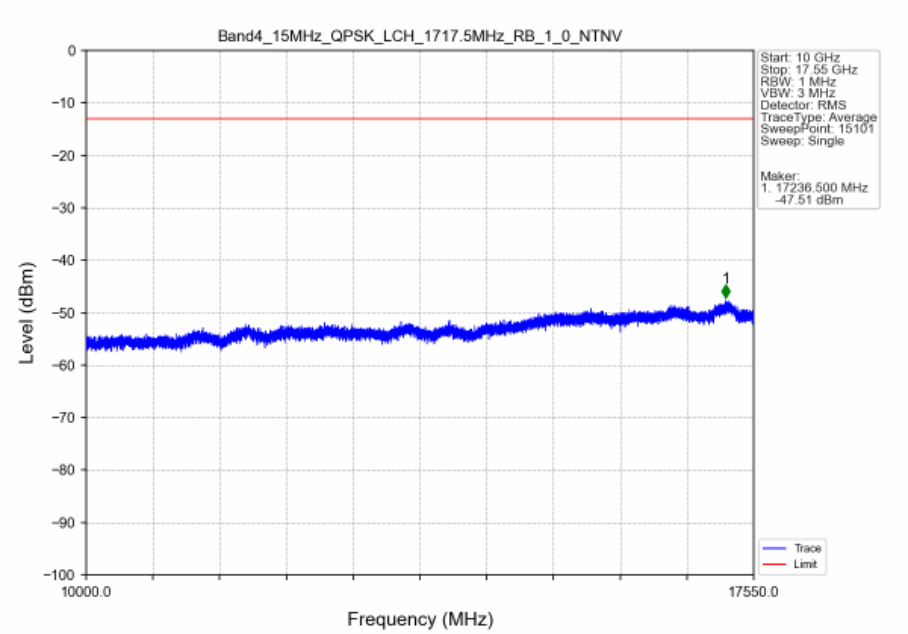


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.732	-32.30	-13	Pass
1709	1710	0.003	/	2	1709.988	-33.07	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

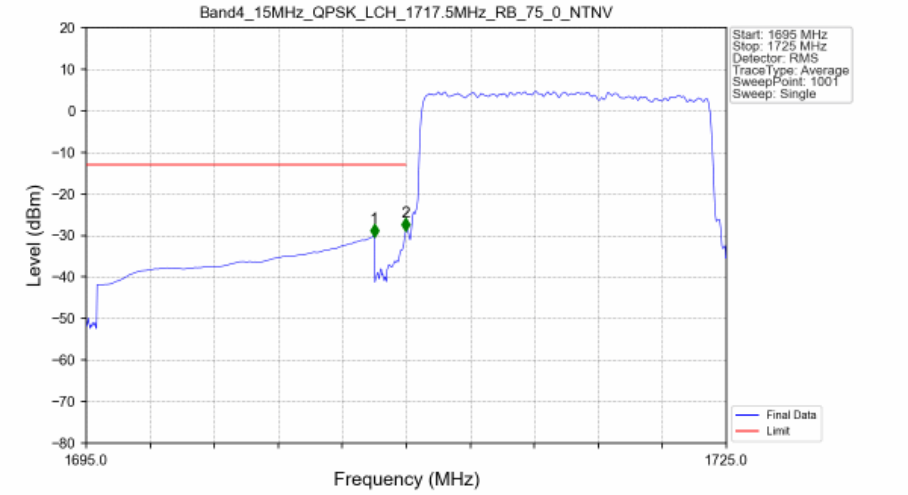
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

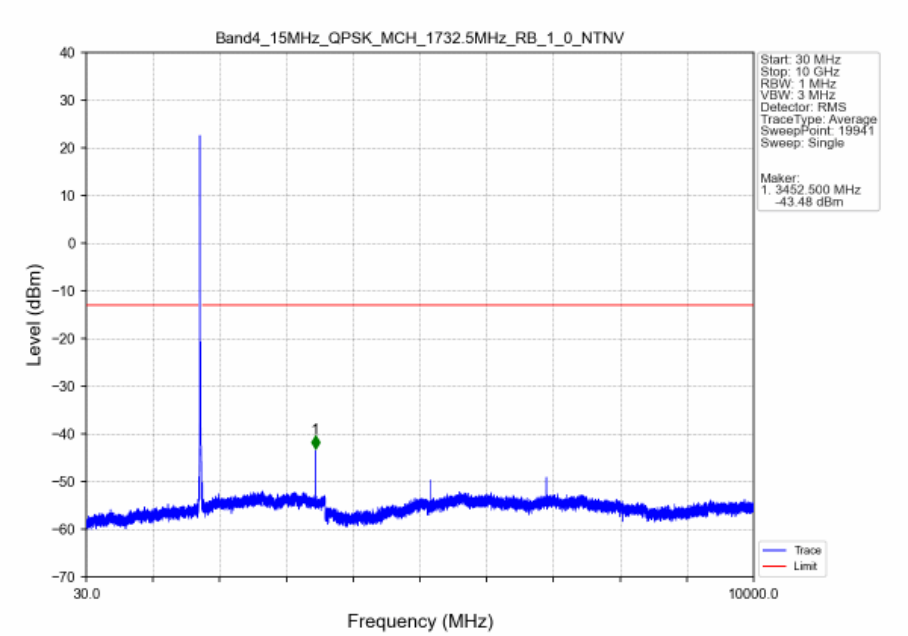


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

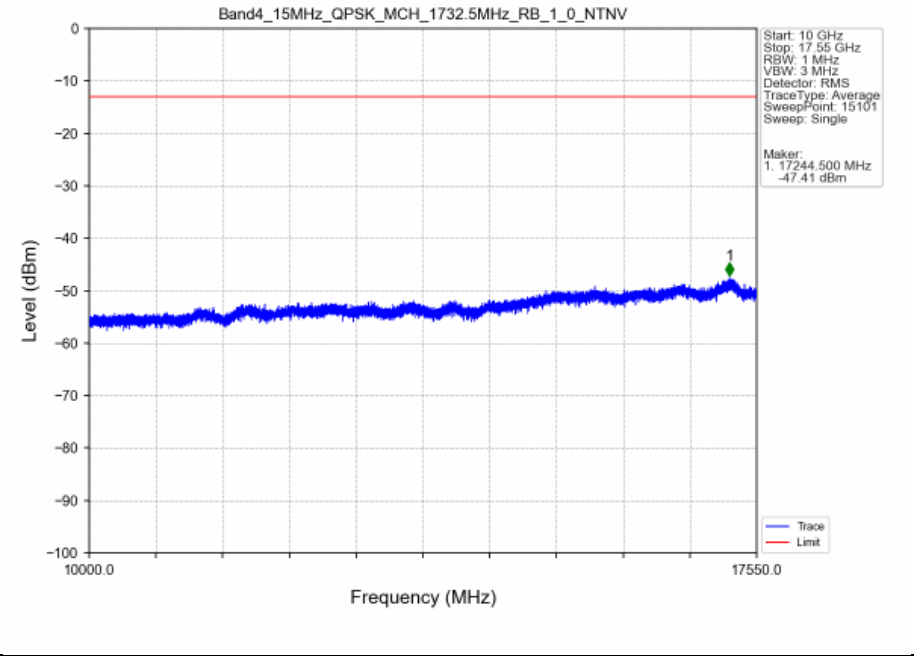


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-30.35	-13	Pass
1709	1710	0.158	CHP	2	1709.970	-28.99	-13	Pass
1710	1725	0.158	CHP	/	/	/	/	/

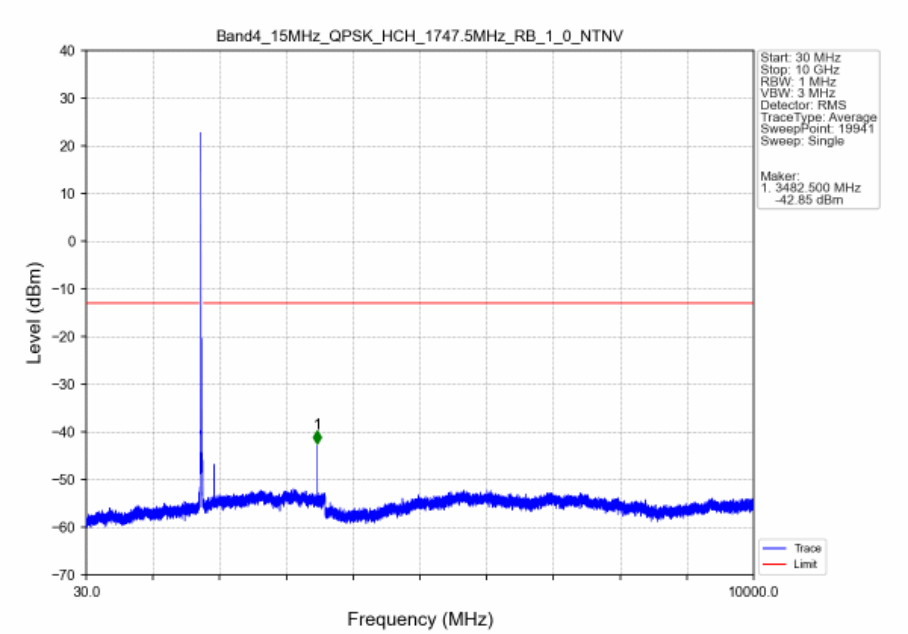
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



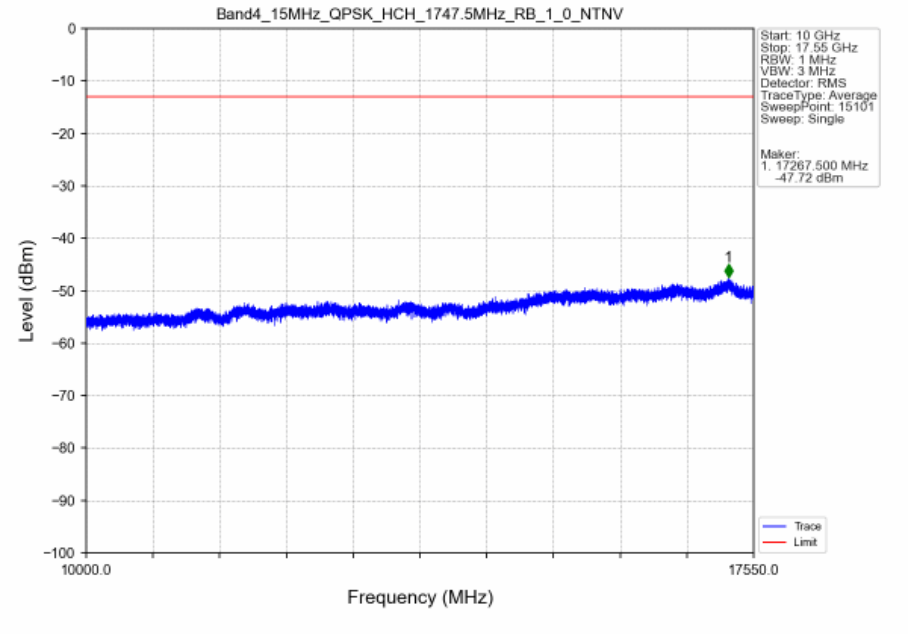
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



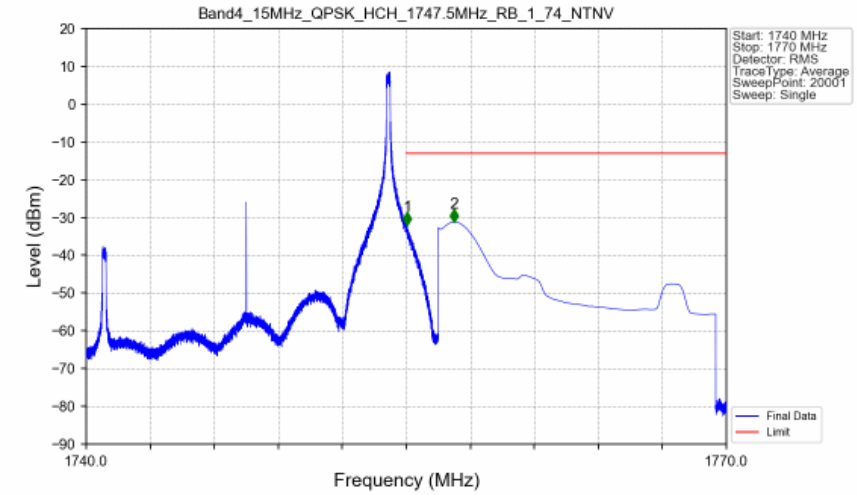
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

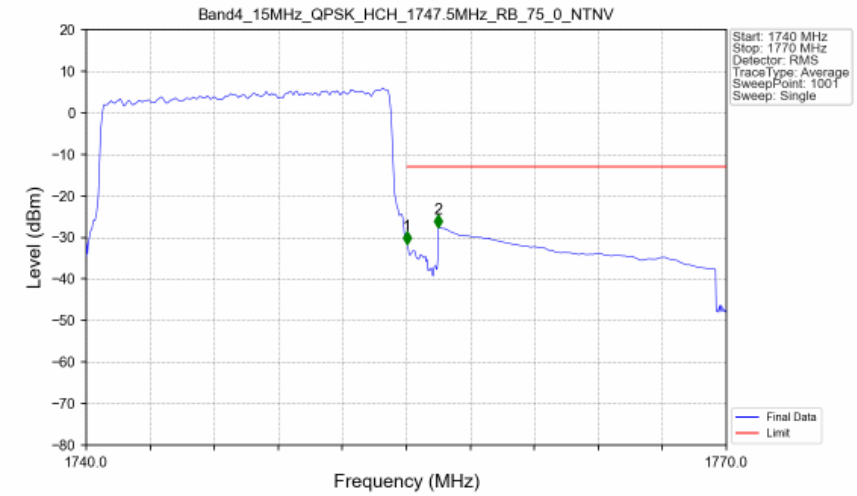


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.042	-32.08	-13	Pass
1756	1770	1	CHP	2	1757.252	-31.16	-13	Pass

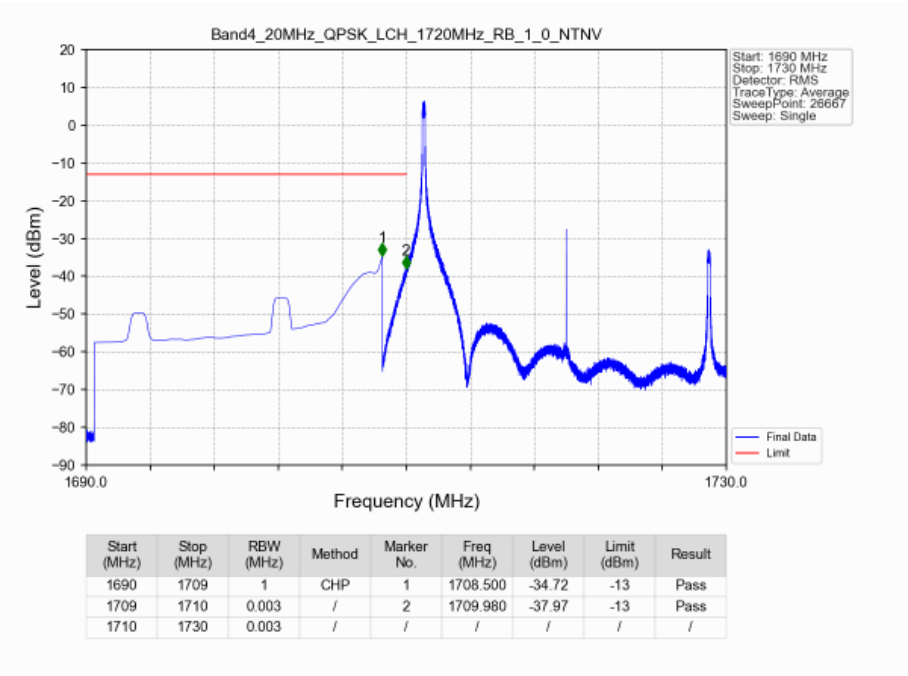
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.158	CHP	/	/	/	/	/
1755	1756	0.158	CHP	1	1755.030	-31.75	-13	Pass
1756	1770	1	CHP	2	1756.500	-27.69	-13	Pass

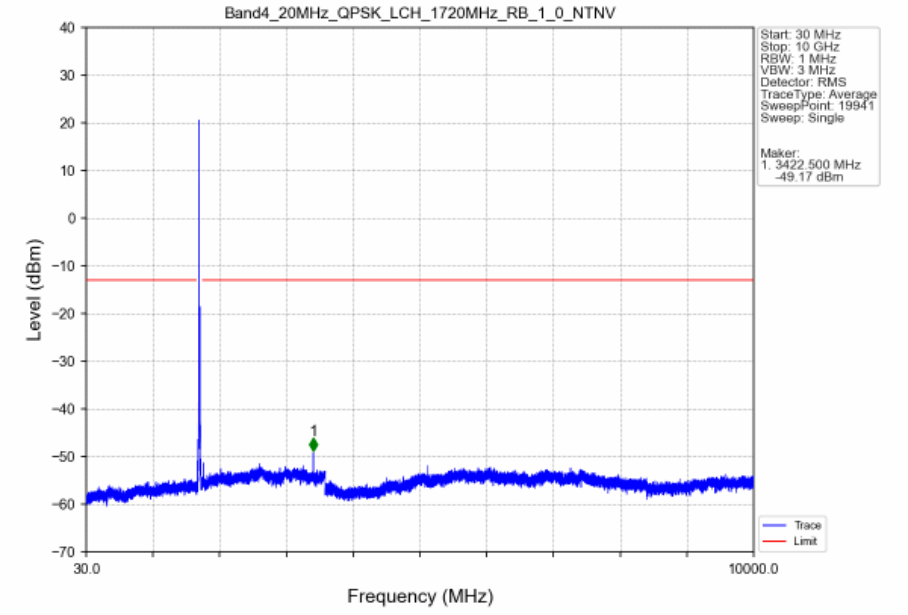
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

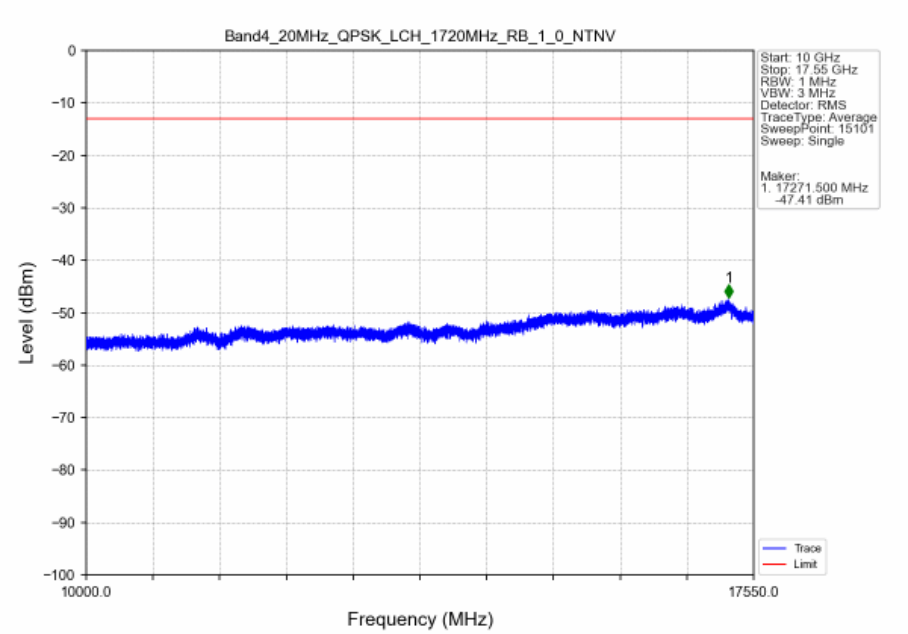


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-34.72	-13	Pass
1709	1710	0.003	/	2	1709.980	-37.97	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

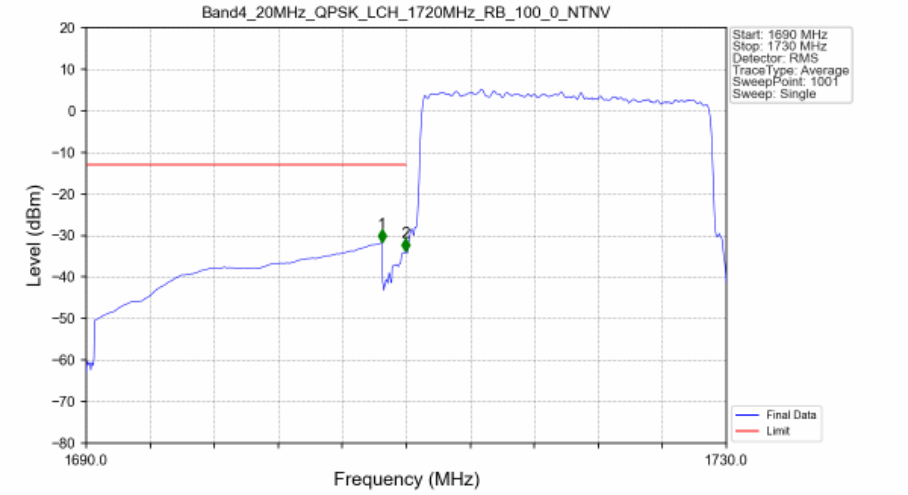
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

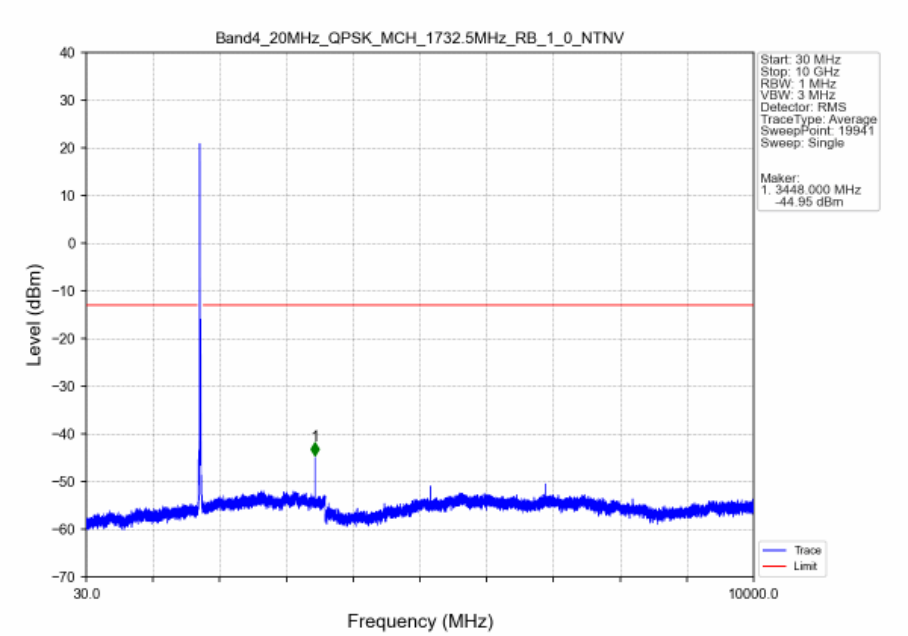


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

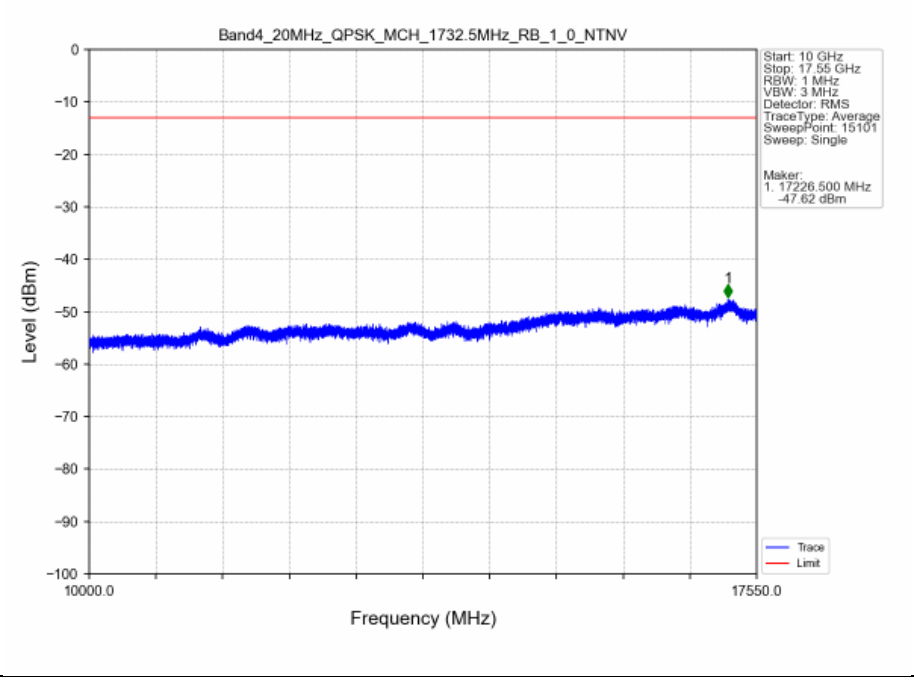


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-31.67	-13	Pass
1709	1710	0.205	CHP	2	1709.960	-33.84	-13	Pass
1710	1730	0.205	CHP	/	/	/	/	/

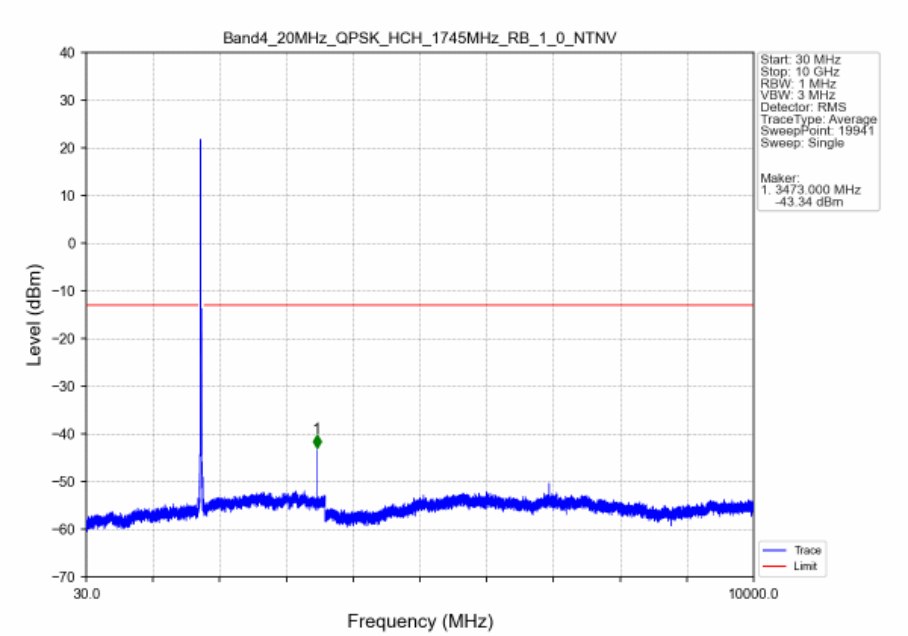
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



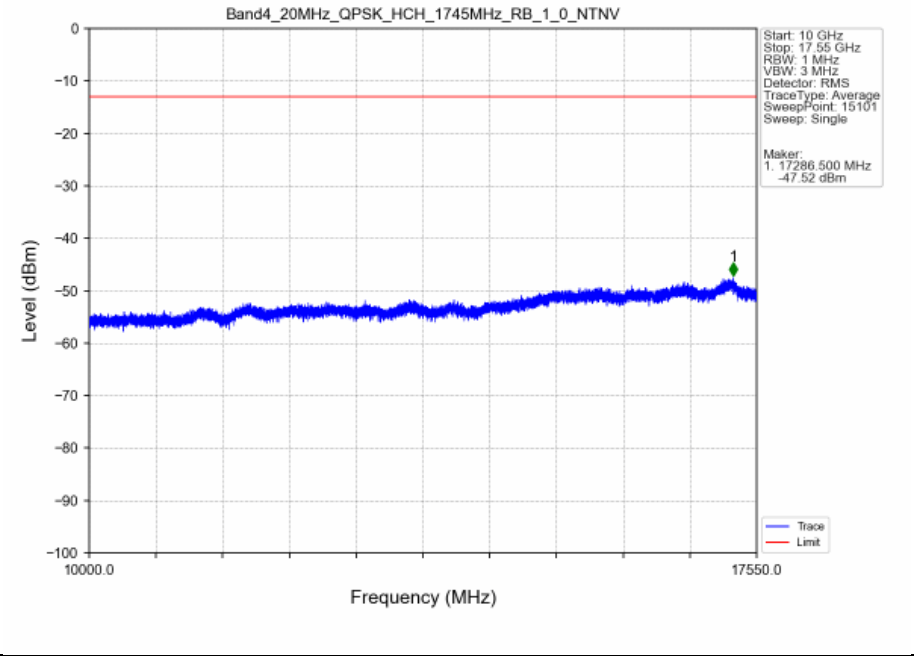
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



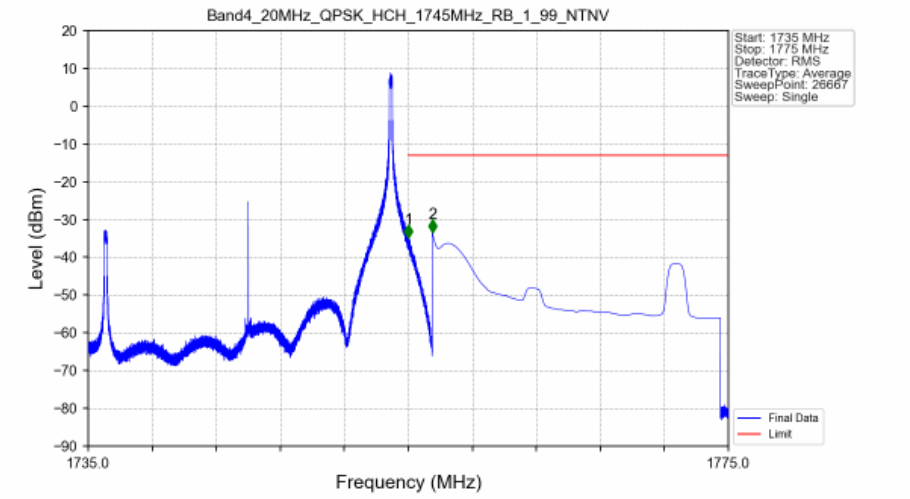
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

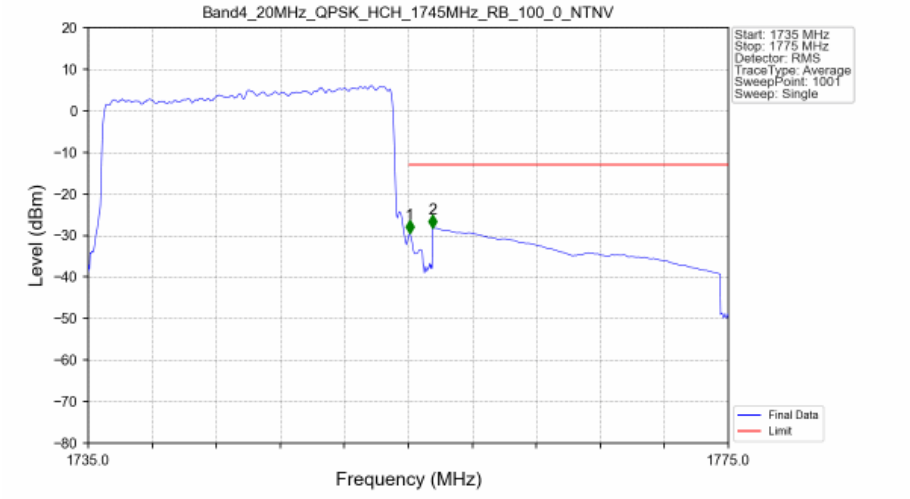


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



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	1755.020	-34.81	-13	Pass
1756	1775	1	CHP	2	1756.500	-33.44	-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	1755.080	-29.54	-13	Pass
1756	1775	1	CHP	2	1756.520	-28.25	-13	Pass

- End of the Appendix -