

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	22.59	1.24	23.83	<=30	Pass
			2	22.80	1.24	24.04	<=30	Pass
			5	22.73	1.24	23.97	<=30	Pass
		3	0	22.69	1.24	23.93	<=30	Pass
			2	22.67	1.24	23.91	<=30	Pass
			3	22.50	1.24	23.74	<=30	Pass
		6	0	21.76	1.24	23.00	<=30	Pass
	1732.5	1	0	23.17	1.24	24.41	<=30	Pass
			2	23.38	1.24	24.62	<=30	Pass
			5	23.23	1.24	24.47	<=30	Pass
		3	0	23.05	1.24	24.29	<=30	Pass
			2	23.19	1.24	24.43	<=30	Pass
			3	23.07	1.24	24.31	<=30	Pass
		6	0	22.05	1.24	23.29	<=30	Pass
	1754.3	1	0	23.13	1.24	24.37	<=30	Pass
			2	23.04	1.24	24.28	<=30	Pass
			5	23.12	1.24	24.36	<=30	Pass
		3	0	23.02	1.24	24.26	<=30	Pass
			2	23.04	1.24	24.28	<=30	Pass
			3	23.08	1.24	24.32	<=30	Pass
		6	0	22.04	1.24	23.28	<=30	Pass
16QAM	1710.7	1	0	21.35	1.24	22.59	<=30	Pass
			2	21.54	1.24	22.78	<=30	Pass
			5	21.20	1.24	22.44	<=30	Pass
		3	0	21.75	1.24	22.99	<=30	Pass
			2	21.82	1.24	23.06	<=30	Pass
			3	21.70	1.24	22.94	<=30	Pass
		6	0	20.66	1.24	21.90	<=30	Pass
	1732.5	1	0	21.83	1.24	23.07	<=30	Pass
			2	21.93	1.24	23.17	<=30	Pass
			5	21.85	1.24	23.09	<=30	Pass
		3	0	22.06	1.24	23.30	<=30	Pass
			2	22.24	1.24	23.48	<=30	Pass
			3	22.19	1.24	23.43	<=30	Pass
		6	0	20.62	1.24	21.86	<=30	Pass
	1754.3	1	0	21.66	1.24	22.90	<=30	Pass
			2	21.67	1.24	22.91	<=30	Pass
			5	21.81	1.24	23.05	<=30	Pass
		3	0	21.90	1.24	23.14	<=30	Pass
			2	21.84	1.24	23.08	<=30	Pass
			3	21.87	1.24	23.11	<=30	Pass
		6	0	20.64	1.24	21.88	<=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	22.67	1.24	23.91	<=30	Pass
			7	22.97	1.24	24.21	<=30	Pass
			14	22.76	1.24	24.00	<=30	Pass
		8	0	21.83	1.24	23.07	<=30	Pass
			4	21.80	1.24	23.04	<=30	Pass
			7	21.93	1.24	23.17	<=30	Pass
		15	0	21.82	1.24	23.06	<=30	Pass
	1732.5	1	0	23.16	1.24	24.40	<=30	Pass
			7	23.32	1.24	24.56	<=30	Pass
			14	23.10	1.24	24.34	<=30	Pass
		8	0	22.06	1.24	23.30	<=30	Pass
			4	22.07	1.24	23.31	<=30	Pass
			7	22.00	1.24	23.24	<=30	Pass
		15	0	22.01	1.24	23.25	<=30	Pass
	1753.5	1	0	23.13	1.24	24.37	<=30	Pass
			7	23.26	1.24	24.50	<=30	Pass
			14	23.12	1.24	24.36	<=30	Pass
		8	0	21.89	1.24	23.13	<=30	Pass
			4	21.95	1.24	23.19	<=30	Pass
			7	21.90	1.24	23.14	<=30	Pass
		15	0	21.97	1.24	23.21	<=30	Pass
16QAM	1711.5	1	0	21.27	1.24	22.51	<=30	Pass
			7	21.65	1.24	22.89	<=30	Pass
			14	21.43	1.24	22.67	<=30	Pass
		8	0	20.41	1.24	21.65	<=30	Pass
			4	20.49	1.24	21.73	<=30	Pass
			7	20.97	1.24	22.21	<=30	Pass
		15	0	20.79	1.24	22.03	<=30	Pass
	1732.5	1	0	21.56	1.24	22.80	<=30	Pass
			7	21.49	1.24	22.73	<=30	Pass
			14	21.10	1.24	22.34	<=30	Pass
		8	0	20.66	1.24	21.90	<=30	Pass
			4	20.79	1.24	22.03	<=30	Pass
			7	20.73	1.24	21.97	<=30	Pass
		15	0	20.99	1.24	22.23	<=30	Pass
	1753.5	1	0	21.81	1.24	23.05	<=30	Pass
			7	21.65	1.24	22.89	<=30	Pass
			14	21.86	1.24	23.10	<=30	Pass
		8	0	20.71	1.24	21.95	<=30	Pass
			4	20.87	1.24	22.11	<=30	Pass
			7	20.83	1.24	22.07	<=30	Pass
		15	0	21.02	1.24	22.26	<=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	22.29	1.24	23.53	<=30	Pass
			13	22.94	1.24	24.18	<=30	Pass
			24	22.77	1.24	24.01	<=30	Pass
		12	0	21.79	1.24	23.03	<=30	Pass
			6	21.98	1.24	23.22	<=30	Pass
			13	21.89	1.24	23.13	<=30	Pass
		25	0	21.78	1.24	23.02	<=30	Pass
	1732.5	1	0	23.04	1.24	24.28	<=30	Pass
			13	23.43	1.24	24.67	<=30	Pass
			24	22.99	1.24	24.23	<=30	Pass
		12	0	22.07	1.24	23.31	<=30	Pass
			6	22.03	1.24	23.27	<=30	Pass
			13	22.04	1.24	23.28	<=30	Pass
		25	0	22.04	1.24	23.28	<=30	Pass
	1752.5	1	0	23.12	1.24	24.36	<=30	Pass
			13	23.07	1.24	24.31	<=30	Pass
			24	23.05	1.24	24.29	<=30	Pass
		12	0	22.17	1.24	23.41	<=30	Pass
			6	22.20	1.24	23.44	<=30	Pass
			13	22.13	1.24	23.37	<=30	Pass
		25	0	22.15	1.24	23.39	<=30	Pass
16QAM	1712.5	1	0	21.42	1.24	22.66	<=30	Pass
			13	21.46	1.24	22.70	<=30	Pass
			24	21.07	1.24	22.31	<=30	Pass
		12	0	20.56	1.24	21.80	<=30	Pass
			6	20.70	1.24	21.94	<=30	Pass
			13	20.64	1.24	21.88	<=30	Pass
		25	0	20.50	1.24	21.74	<=30	Pass
	1732.5	1	0	21.29	1.24	22.53	<=30	Pass
			13	21.64	1.24	22.88	<=30	Pass
			24	21.68	1.24	22.92	<=30	Pass
		12	0	20.96	1.24	22.20	<=30	Pass
			6	21.03	1.24	22.27	<=30	Pass
			13	20.93	1.24	22.17	<=30	Pass
		25	0	20.89	1.24	22.13	<=30	Pass
	1752.5	1	0	21.93	1.24	23.17	<=30	Pass
			13	21.83	1.24	23.07	<=30	Pass
			24	21.55	1.24	22.79	<=30	Pass
		12	0	20.99	1.24	22.23	<=30	Pass
			6	21.04	1.24	22.28	<=30	Pass
			13	21.20	1.24	22.44	<=30	Pass
		25	0	21.09	1.24	22.33	<=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	22.88	1.24	24.12	<=30	Pass
			25	23.19	1.24	24.43	<=30	Pass
			49	22.86	1.24	24.10	<=30	Pass
		25	0	21.79	1.24	23.03	<=30	Pass
			13	21.91	1.24	23.15	<=30	Pass
			25	21.79	1.24	23.03	<=30	Pass
		50	0	21.81	1.24	23.05	<=30	Pass
	1732.5	1	0	22.83	1.24	24.07	<=30	Pass
			25	23.72	1.24	24.96	<=30	Pass
			49	23.09	1.24	24.33	<=30	Pass
		25	0	22.01	1.24	23.25	<=30	Pass
			13	22.04	1.24	23.28	<=30	Pass
			25	22.02	1.24	23.26	<=30	Pass
		50	0	22.00	1.24	23.24	<=30	Pass
	1750	1	0	23.21	1.24	24.45	<=30	Pass
			25	23.71	1.24	24.95	<=30	Pass
			49	23.07	1.24	24.31	<=30	Pass
		25	0	22.10	1.24	23.34	<=30	Pass
			13	22.13	1.24	23.37	<=30	Pass
			25	22.04	1.24	23.28	<=30	Pass
		50	0	22.15	1.24	23.39	<=30	Pass
16QAM	1715	1	0	21.19	1.24	22.43	<=30	Pass
			25	21.71	1.24	22.95	<=30	Pass
			49	21.46	1.24	22.70	<=30	Pass
		25	0	20.70	1.24	21.94	<=30	Pass
			13	20.71	1.24	21.95	<=30	Pass
			25	20.80	1.24	22.04	<=30	Pass
		50	0	20.82	1.24	22.06	<=30	Pass
	1732.5	1	0	21.69	1.24	22.93	<=30	Pass
			25	22.02	1.24	23.26	<=30	Pass
			49	21.41	1.24	22.65	<=30	Pass
		25	0	20.89	1.24	22.13	<=30	Pass
			13	20.92	1.24	22.16	<=30	Pass
			25	21.08	1.24	22.32	<=30	Pass
		50	0	20.93	1.24	22.17	<=30	Pass
	1750	1	0	21.46	1.24	22.70	<=30	Pass
			25	22.39	1.24	23.63	<=30	Pass
			49	21.45	1.24	22.69	<=30	Pass
		25	0	20.87	1.24	22.11	<=30	Pass
			13	21.01	1.24	22.25	<=30	Pass
			25	21.09	1.24	22.33	<=30	Pass
		50	0	20.96	1.24	22.20	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTVN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1717.5	1	0	22.86	1.24	24.10	<=30	Pass	
			38	23.24	1.24	24.48	<=30	Pass	
			74	22.84	1.24	24.08	<=30	Pass	
		36	0	21.88	1.24	23.12	<=30	Pass	
			18	21.81	1.24	23.05	<=30	Pass	
			39	21.82	1.24	23.06	<=30	Pass	
		75	0	21.77	1.24	23.01	<=30	Pass	
		1732.5	1	0	22.82	1.24	24.06	<=30	Pass
				38	23.47	1.24	24.71	<=30	Pass
	74			22.99	1.24	24.23	<=30	Pass	
	36		0	22.01	1.24	23.25	<=30	Pass	
			18	22.13	1.24	23.37	<=30	Pass	
			39	22.00	1.24	23.24	<=30	Pass	
	75	0	22.04	1.24	23.28	<=30	Pass		
	1747.5	1	0	23.13	1.24	24.37	<=30	Pass	
			38	23.32	1.24	24.56	<=30	Pass	
			74	23.12	1.24	24.36	<=30	Pass	
		36	0	22.02	1.24	23.26	<=30	Pass	
			18	22.16	1.24	23.40	<=30	Pass	
			39	21.85	1.24	23.09	<=30	Pass	
		75	0	22.14	1.24	23.38	<=30	Pass	
16QAM		1717.5	1	0	21.43	1.24	22.67	<=30	Pass
				38	21.60	1.24	22.84	<=30	Pass
	74			21.45	1.24	22.69	<=30	Pass	
	36		0	20.77	1.24	22.01	<=30	Pass	
			18	20.85	1.24	22.09	<=30	Pass	
			39	20.80	1.24	22.04	<=30	Pass	
	75		0	20.74	1.24	21.98	<=30	Pass	
	1732.5		1	0	21.49	1.24	22.73	<=30	Pass
				38	21.63	1.24	22.87	<=30	Pass
		74		21.75	1.24	22.99	<=30	Pass	
		36	0	21.03	1.24	22.27	<=30	Pass	
			18	21.06	1.24	22.30	<=30	Pass	
			39	20.94	1.24	22.18	<=30	Pass	
	75	0	21.02	1.24	22.26	<=30	Pass		
	1747.5	1	0	21.41	1.24	22.65	<=30	Pass	
			38	21.61	1.24	22.85	<=30	Pass	
			74	21.69	1.24	22.93	<=30	Pass	
		36	0	20.78	1.24	22.02	<=30	Pass	
			18	21.04	1.24	22.28	<=30	Pass	
			39	21.04	1.24	22.28	<=30	Pass	
		75	0	21.04	1.24	22.28	<=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	22.75	1.24	23.99	<=30	Pass
			50	23.42	1.24	24.66	<=30	Pass
			99	22.80	1.24	24.04	<=30	Pass
		50	0	21.81	1.24	23.05	<=30	Pass
			25	21.79	1.24	23.03	<=30	Pass
			50	21.80	1.24	23.04	<=30	Pass
		100	0	21.95	1.24	23.19	<=30	Pass
	1732.5	1	0	22.47	1.24	23.71	<=30	Pass
			50	23.46	1.24	24.70	<=30	Pass
			99	22.97	1.24	24.21	<=30	Pass
		50	0	21.94	1.24	23.18	<=30	Pass
			25	22.06	1.24	23.30	<=30	Pass
			50	22.05	1.24	23.29	<=30	Pass
		100	0	21.90	1.24	23.14	<=30	Pass
	1745	1	0	23.10	1.24	24.34	<=30	Pass
			50	23.47	1.24	24.71	<=30	Pass
			99	23.18	1.24	24.42	<=30	Pass
		50	0	22.13	1.24	23.37	<=30	Pass
			25	22.19	1.24	23.43	<=30	Pass
			50	21.98	1.24	23.22	<=30	Pass
		100	0	22.14	1.24	23.38	<=30	Pass
16QAM	1720	1	0	21.33	1.24	22.57	<=30	Pass
			50	21.86	1.24	23.10	<=30	Pass
			99	21.57	1.24	22.81	<=30	Pass
		50	0	20.83	1.24	22.07	<=30	Pass
			25	20.78	1.24	22.02	<=30	Pass
			50	20.86	1.24	22.10	<=30	Pass
		100	0	20.85	1.24	22.09	<=30	Pass
	1732.5	1	0	21.09	1.24	22.33	<=30	Pass
			50	22.03	1.24	23.27	<=30	Pass
			99	21.50	1.24	22.74	<=30	Pass
		50	0	20.96	1.24	22.20	<=30	Pass
			25	21.04	1.24	22.28	<=30	Pass
			50	21.01	1.24	22.25	<=30	Pass
		100	0	20.95	1.24	22.19	<=30	Pass
	1745	1	0	21.70	1.24	22.94	<=30	Pass
			50	21.81	1.24	23.05	<=30	Pass
			99	21.67	1.24	22.91	<=30	Pass
		50	0	21.14	1.24	22.38	<=30	Pass
			25	20.96	1.24	22.20	<=30	Pass
			50	21.01	1.24	22.25	<=30	Pass
		100	0	20.96	1.24	22.20	<=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	4.100	0.0024	-2.5 to 2.5	Pass
					HV	0.200	0.0001	-2.5 to 2.5	Pass
				-30	NV	3.600	0.0021	-2.5 to 2.5	Pass
				-20	NV	5.200	0.0030	-2.5 to 2.5	Pass
				-10	NV	4.600	0.0027	-2.5 to 2.5	Pass
				0	NV	3.000	0.0017	-2.5 to 2.5	Pass
				10	NV	1.600	0.0009	-2.5 to 2.5	Pass
				30	NV	1.100	0.0006	-2.5 to 2.5	Pass
				40	NV	1.600	0.0009	-2.5 to 2.5	Pass
				50	NV	2.400	0.0014	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

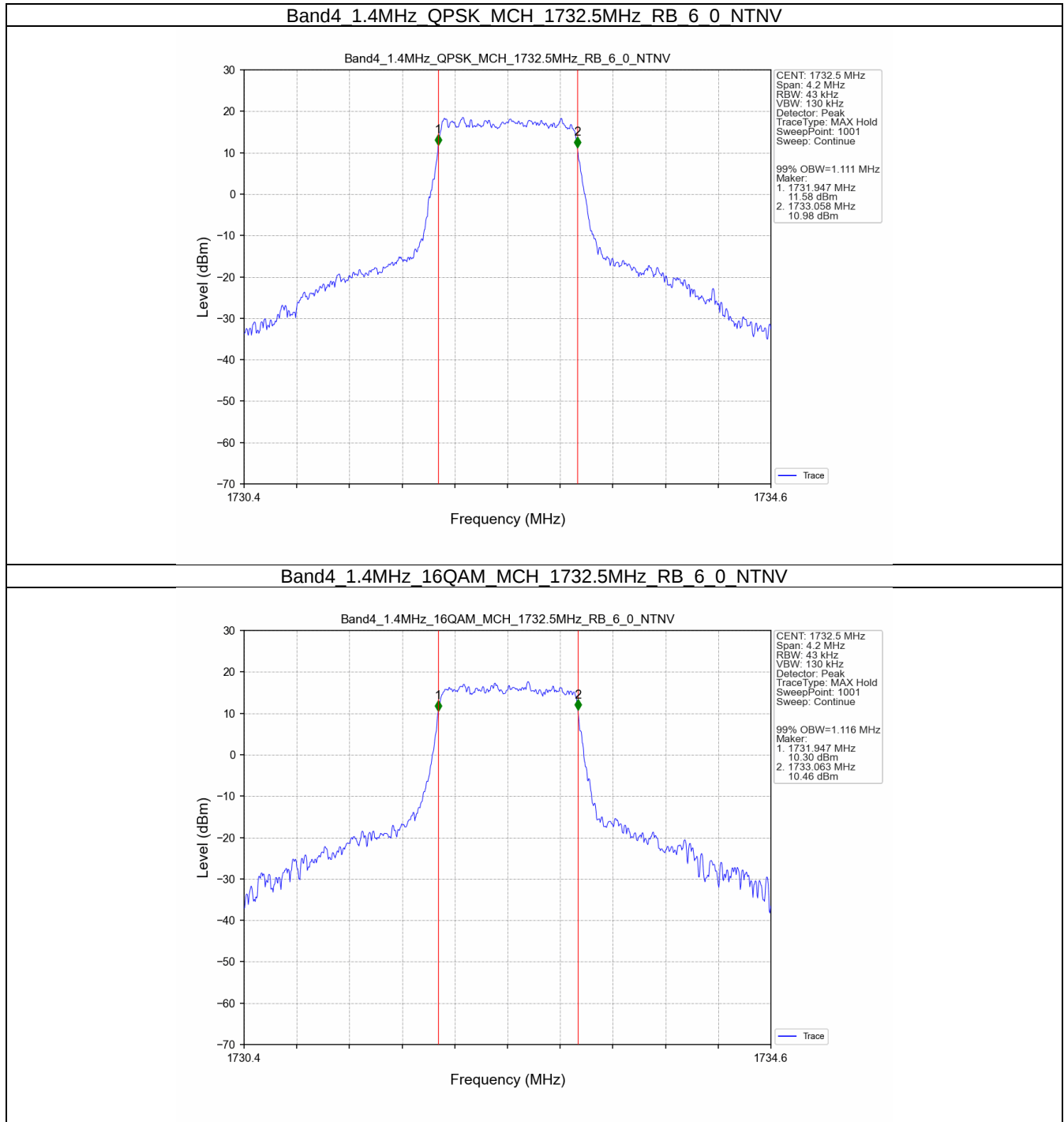
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.111	/	Pass
	16QAM	1732.5	6	0	1.116	/	Pass
3	QPSK	1732.5	15	0	2.735	/	Pass
	16QAM	1732.5	15	0	2.725	/	Pass
5	QPSK	1732.5	25	0	4.537	/	Pass
	16QAM	1732.5	25	0	4.535	/	Pass
10	QPSK	1732.5	50	0	9.072	/	Pass
	16QAM	1732.5	50	0	9.012	/	Pass
15	QPSK	1732.5	75	0	13.543	/	Pass
	16QAM	1732.5	75	0	13.581	/	Pass
20	QPSK	1732.5	100	0	18.136	/	Pass
	16QAM	1732.5	100	0	18.101	/	Pass

3.1.2 Band4_XDB

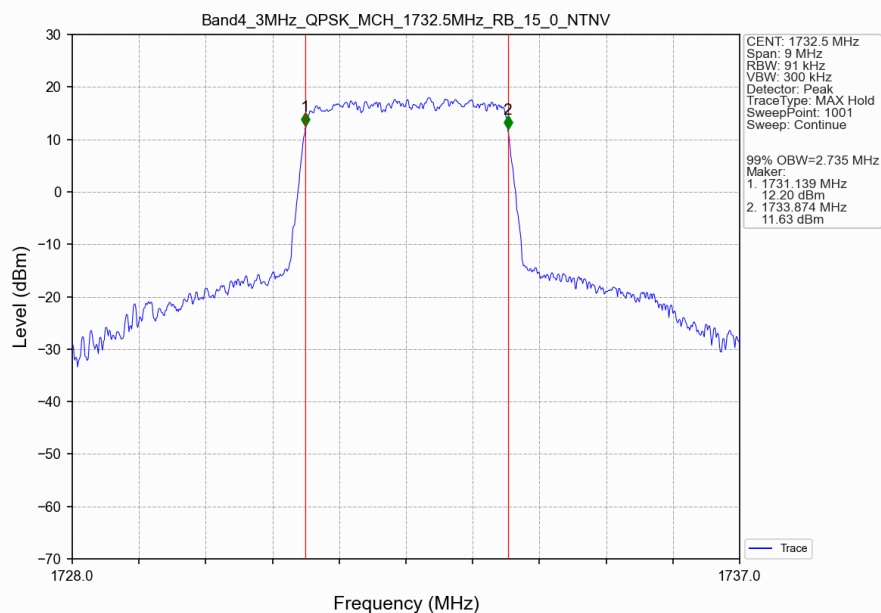
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.310	/	Pass
	16QAM	1732.5	6	0	1.318	/	Pass
3	QPSK	1732.5	15	0	3.075	/	Pass
	16QAM	1732.5	15	0	3.046	/	Pass
5	QPSK	1732.5	25	0	5.069	/	Pass
	16QAM	1732.5	25	0	5.075	/	Pass
10	QPSK	1732.5	50	0	10.050	/	Pass
	16QAM	1732.5	50	0	9.980	/	Pass
15	QPSK	1732.5	75	0	14.948	/	Pass
	16QAM	1732.5	75	0	14.878	/	Pass
20	QPSK	1732.5	100	0	19.868	/	Pass
	16QAM	1732.5	100	0	19.812	/	Pass

3.2 Test Graph

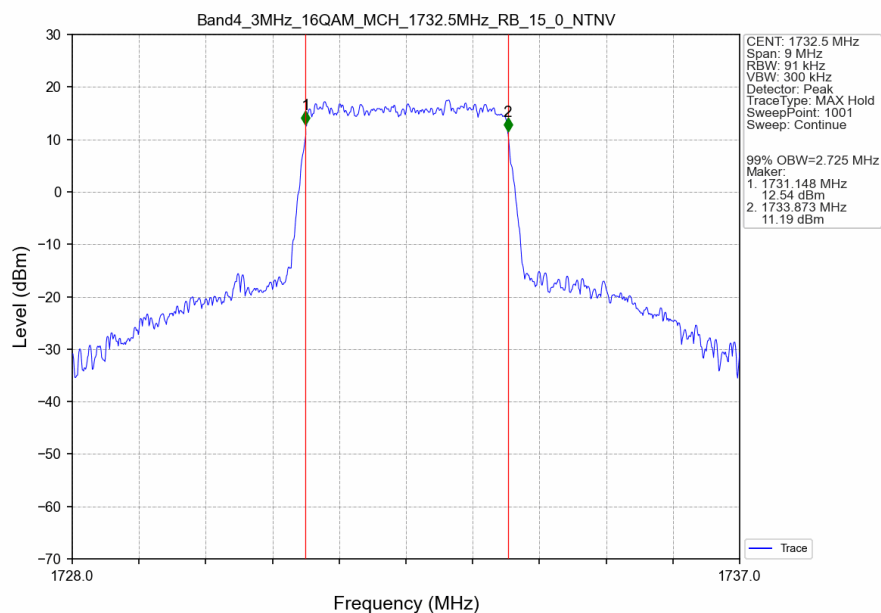
3.2.1 Band4_OBW



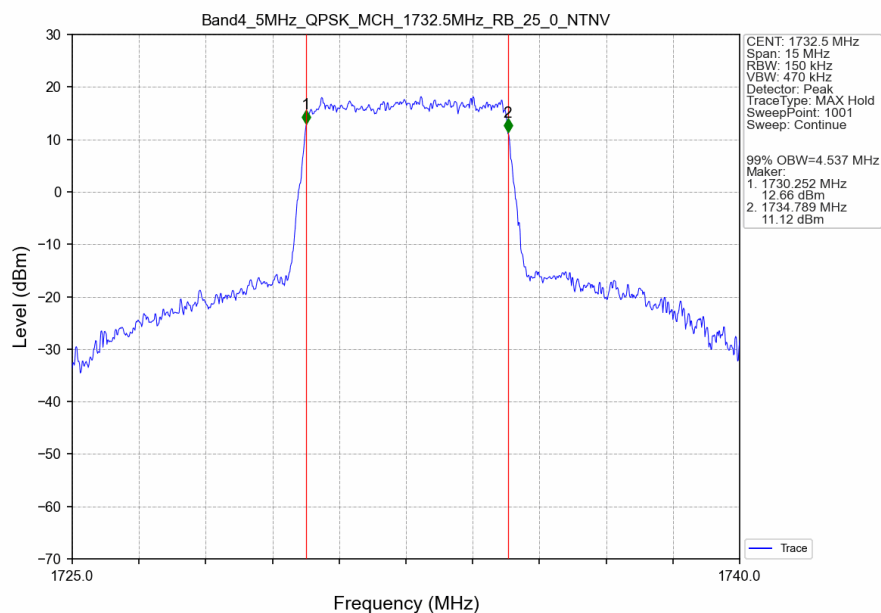
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



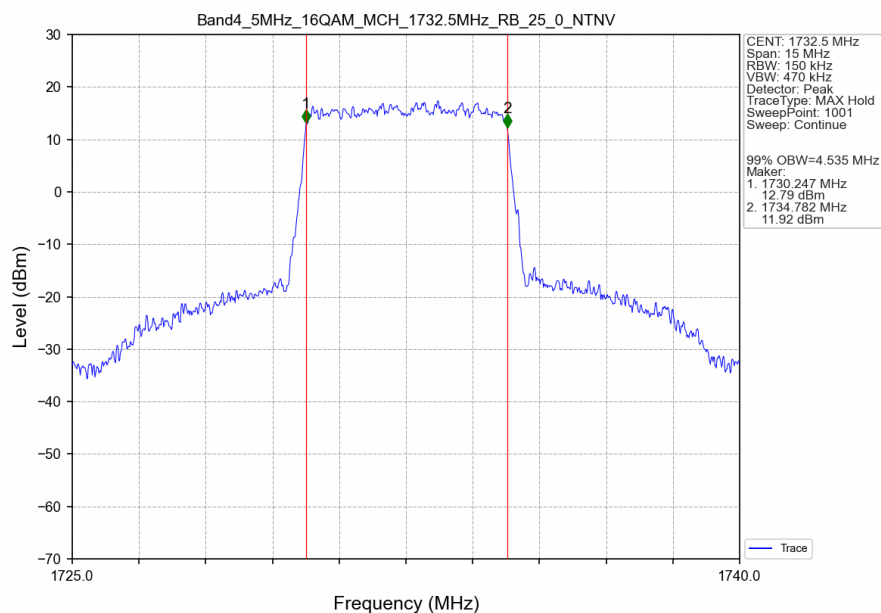
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



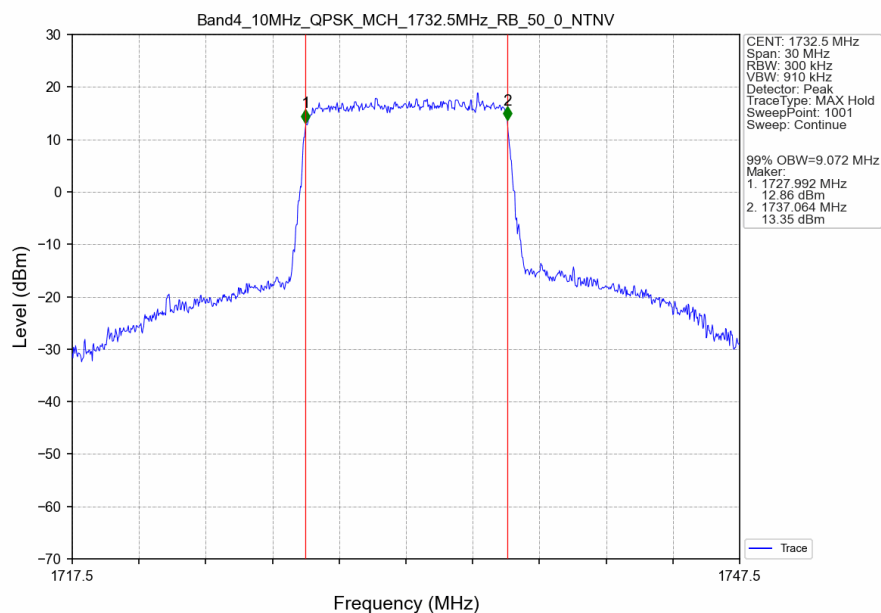
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



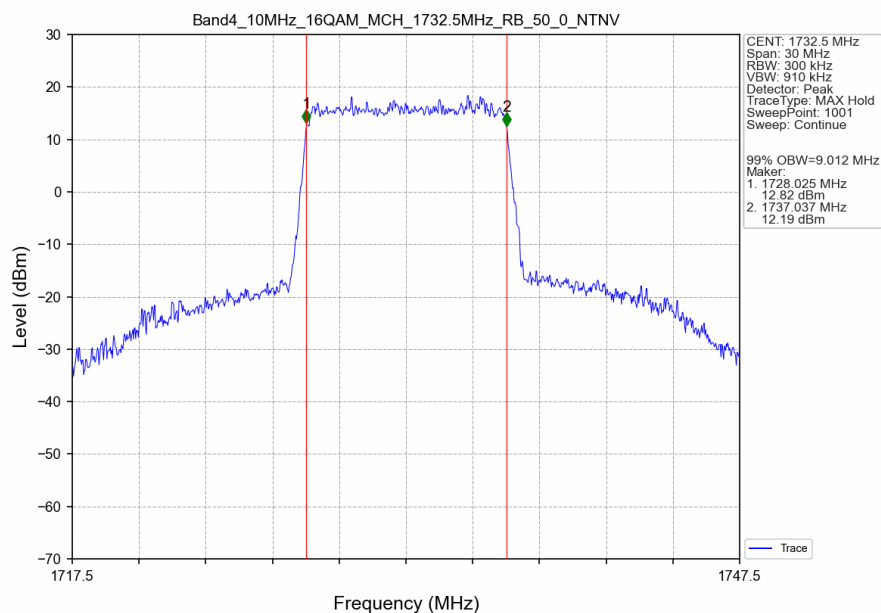
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



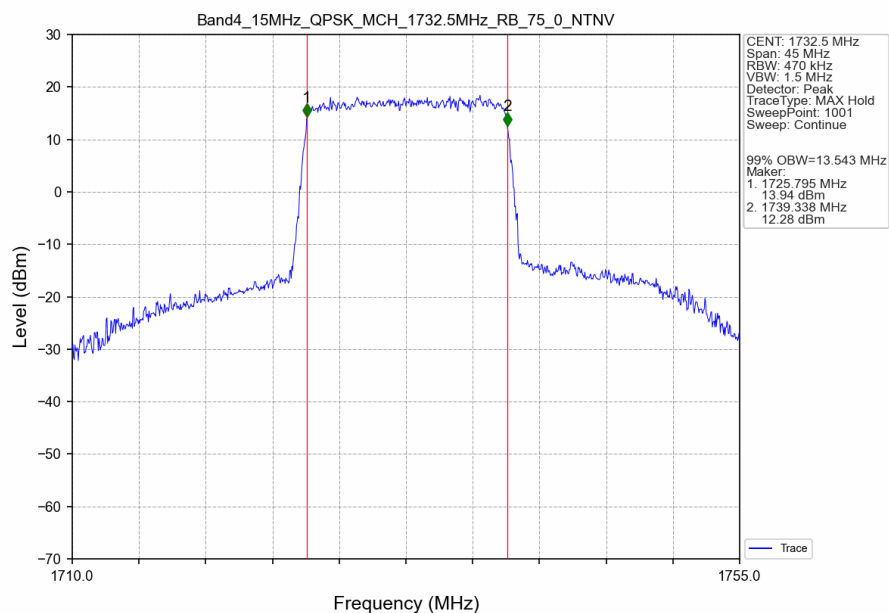
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



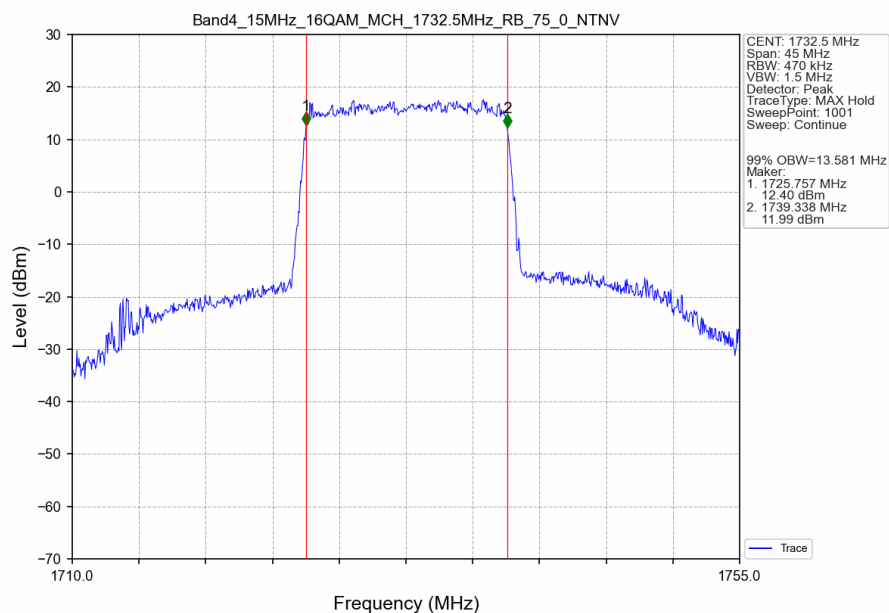
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



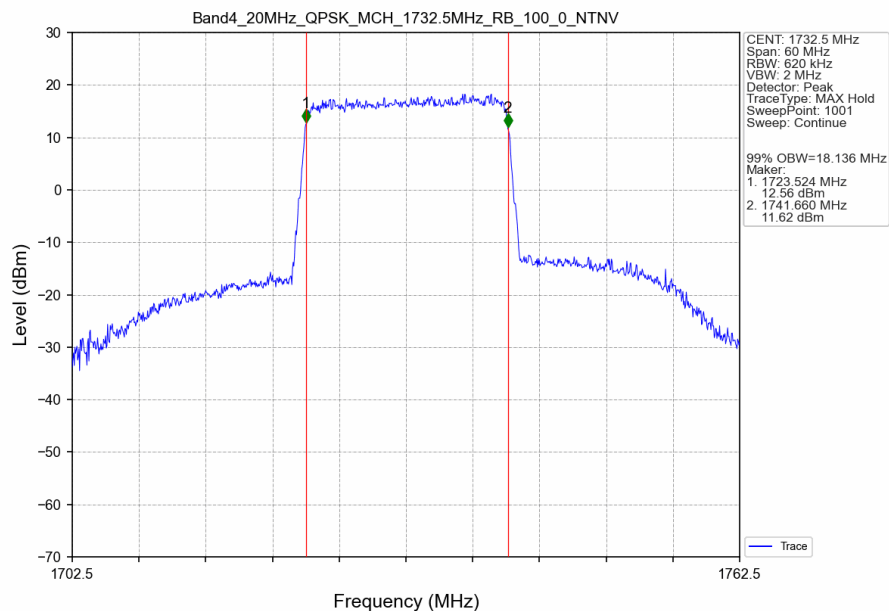
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



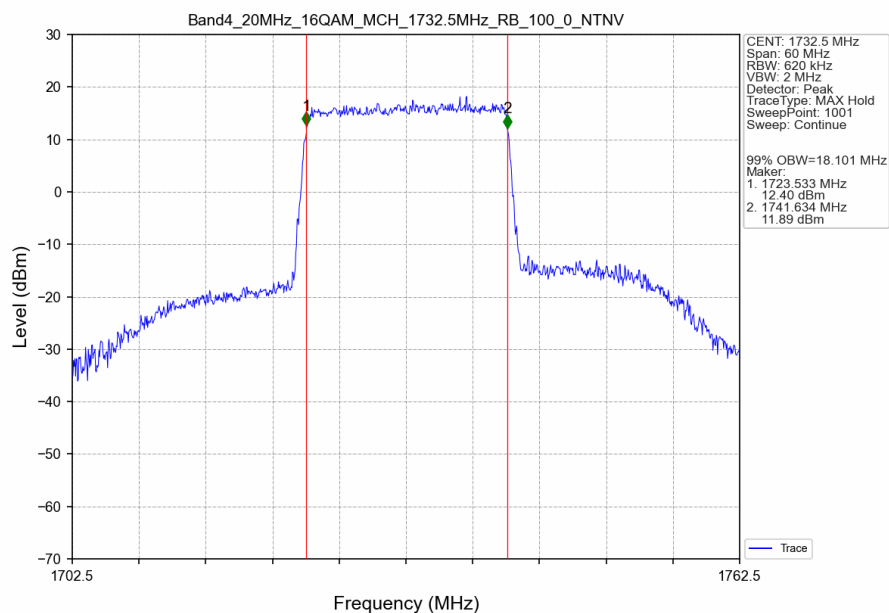
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



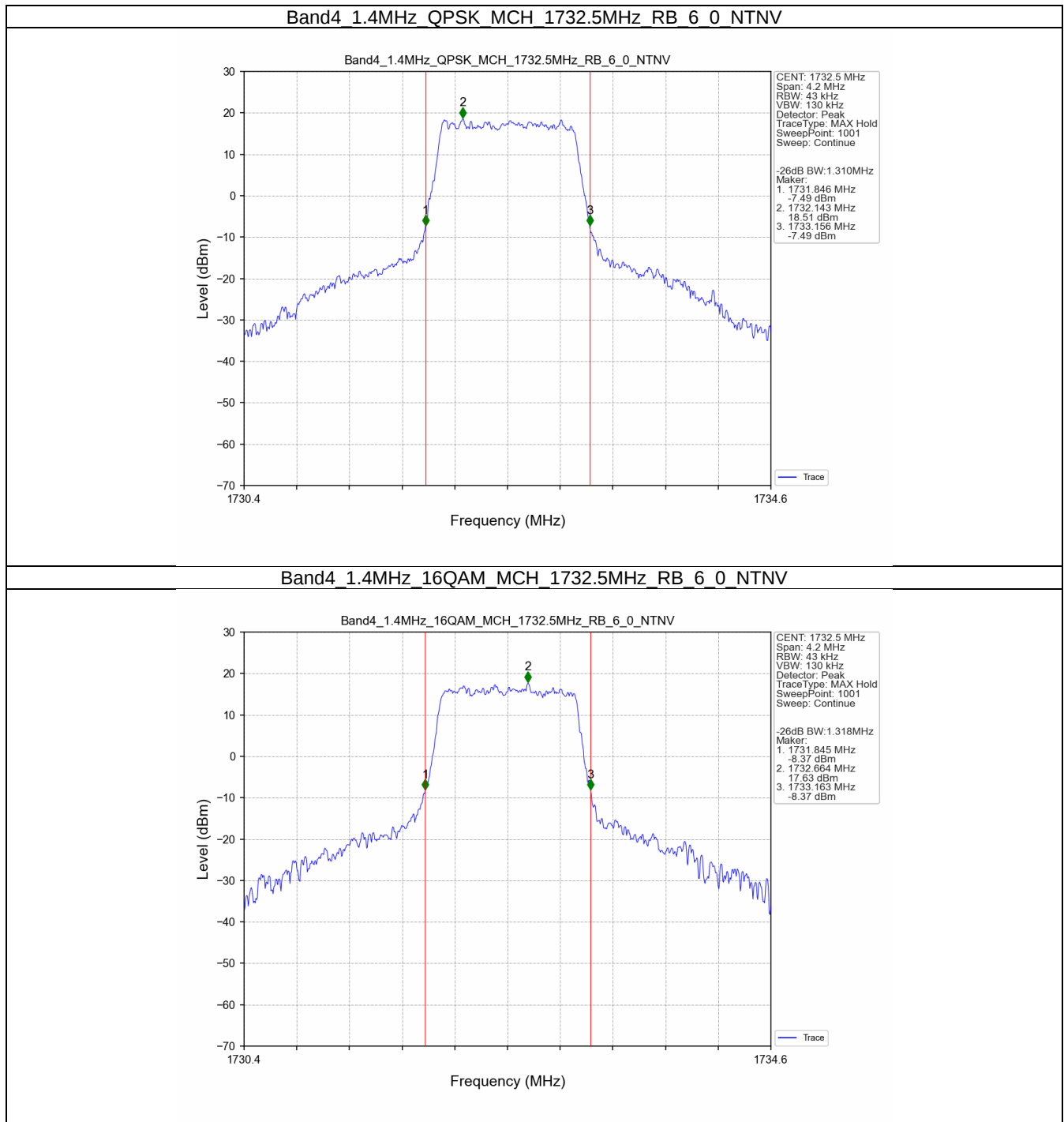
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTV



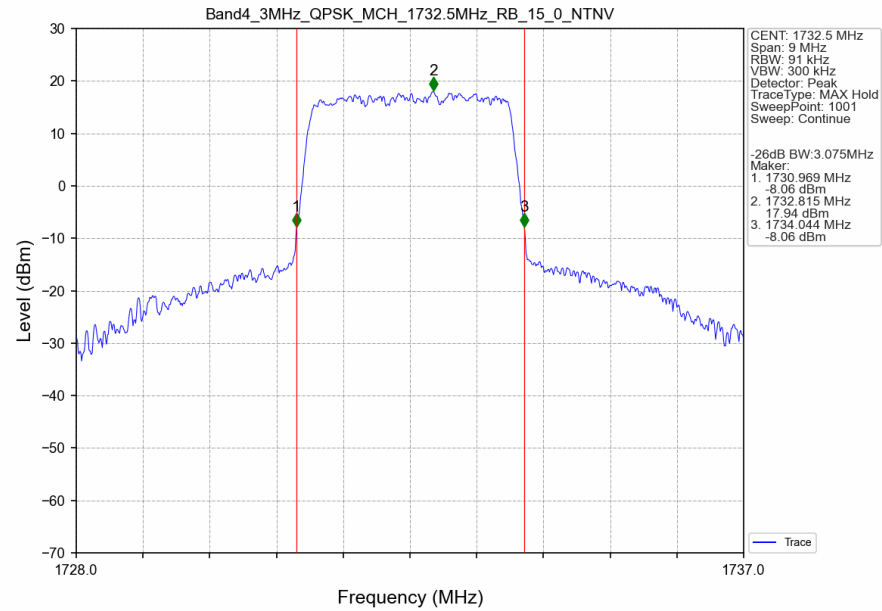
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTV



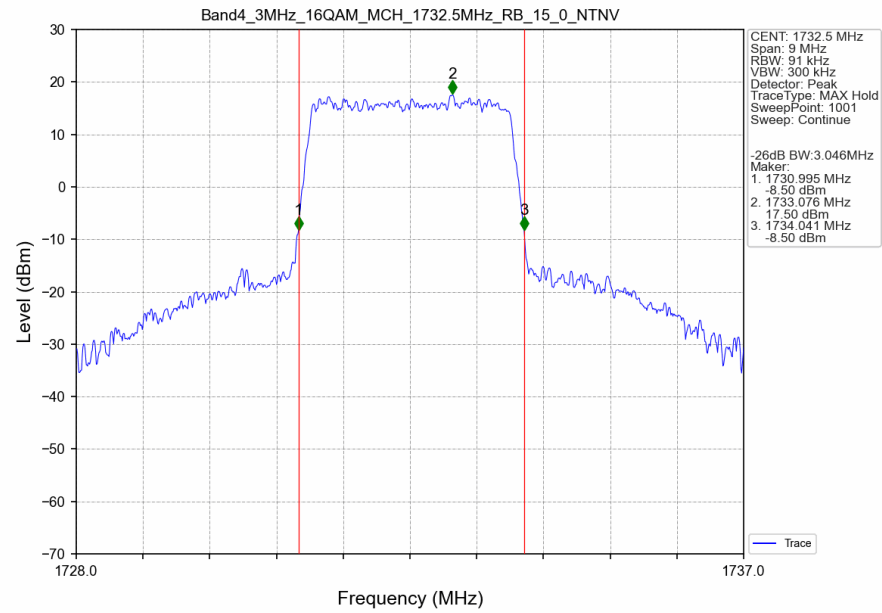
3.2.2 Band4_XDB



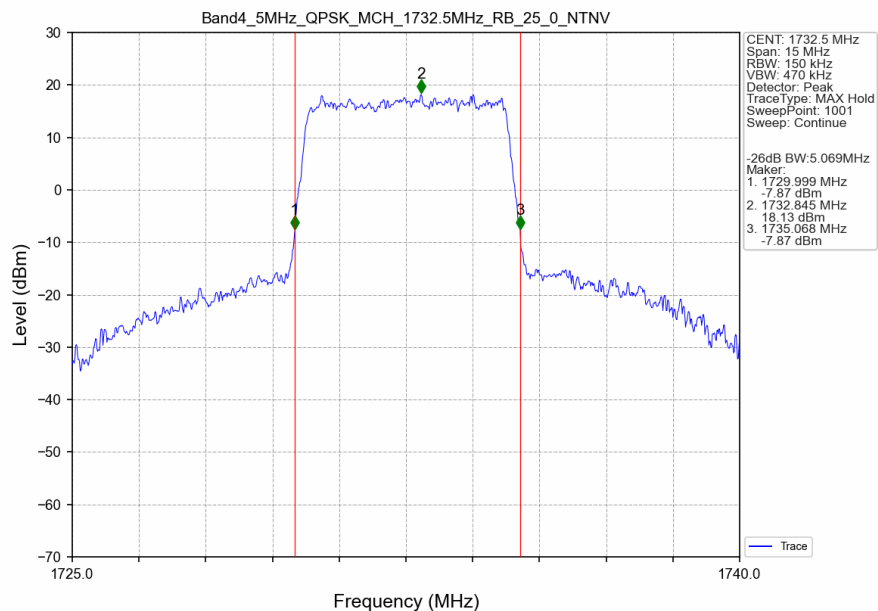
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



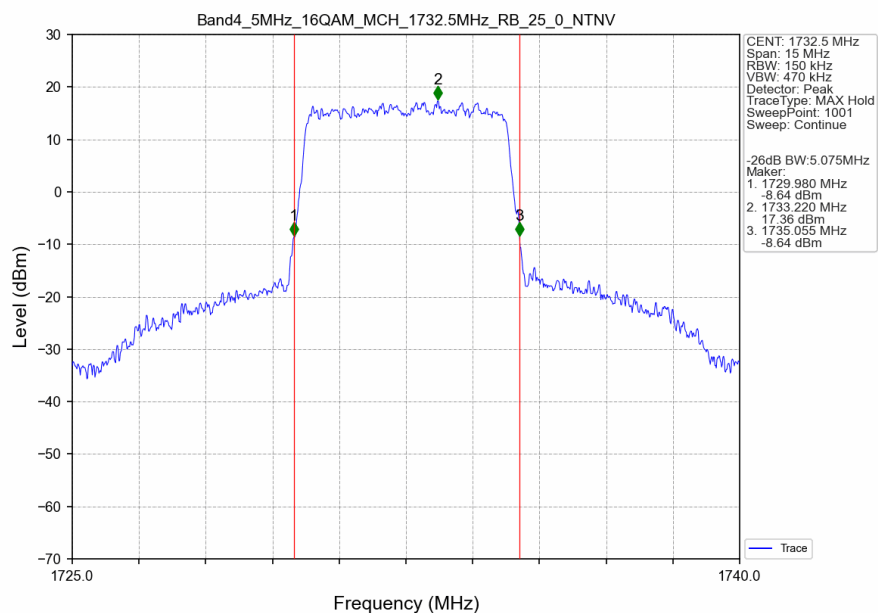
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



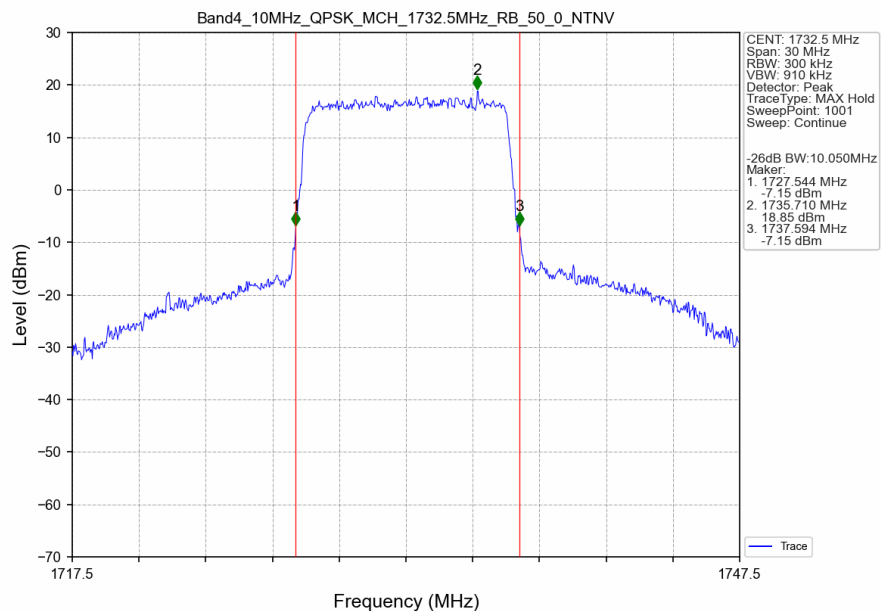
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



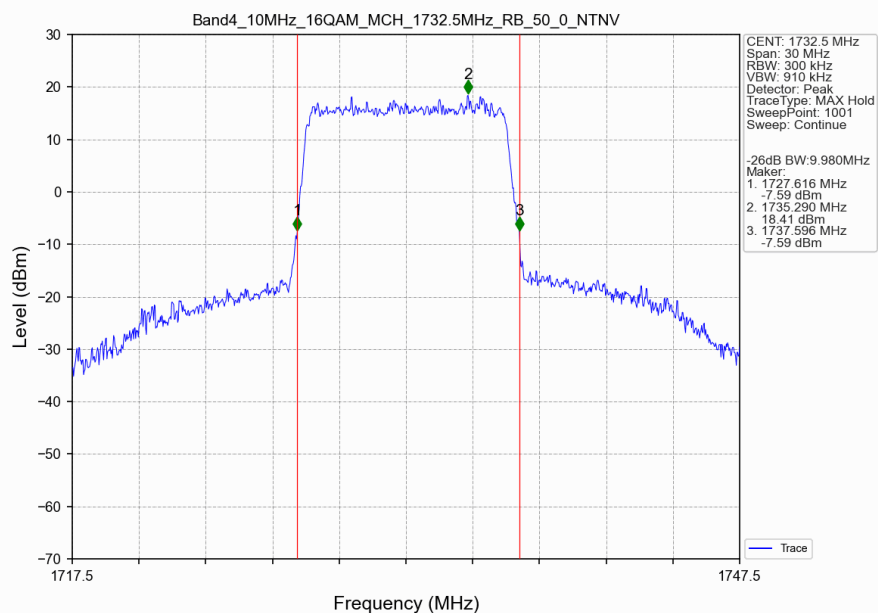
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



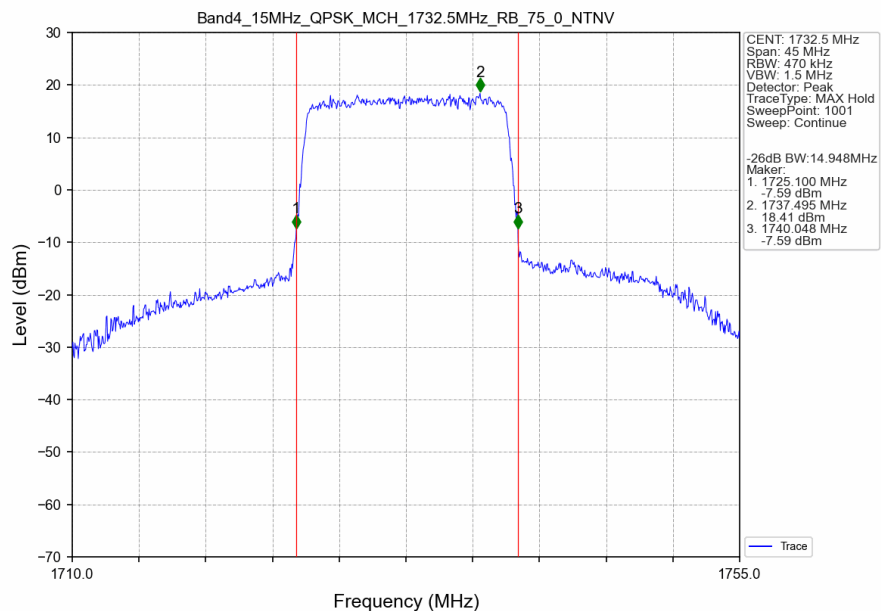
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



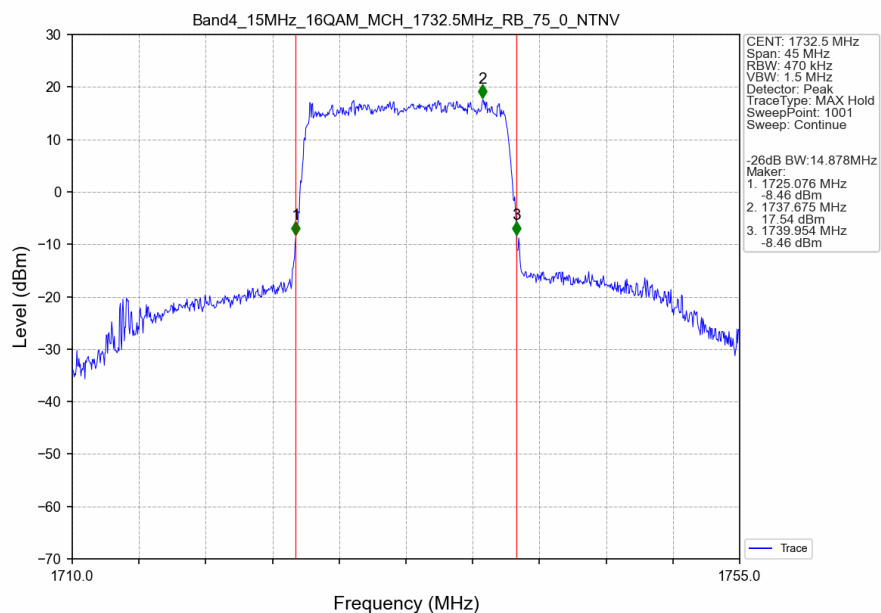
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



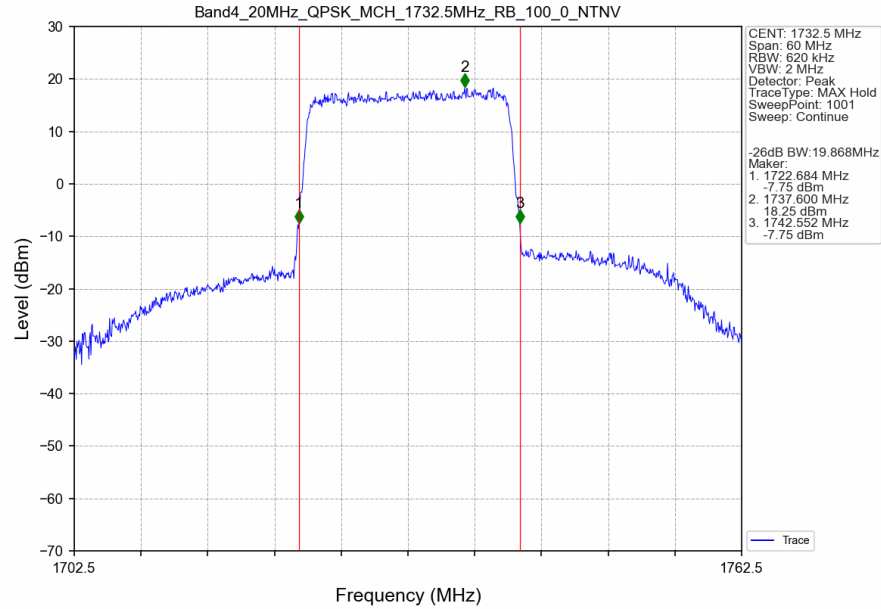
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



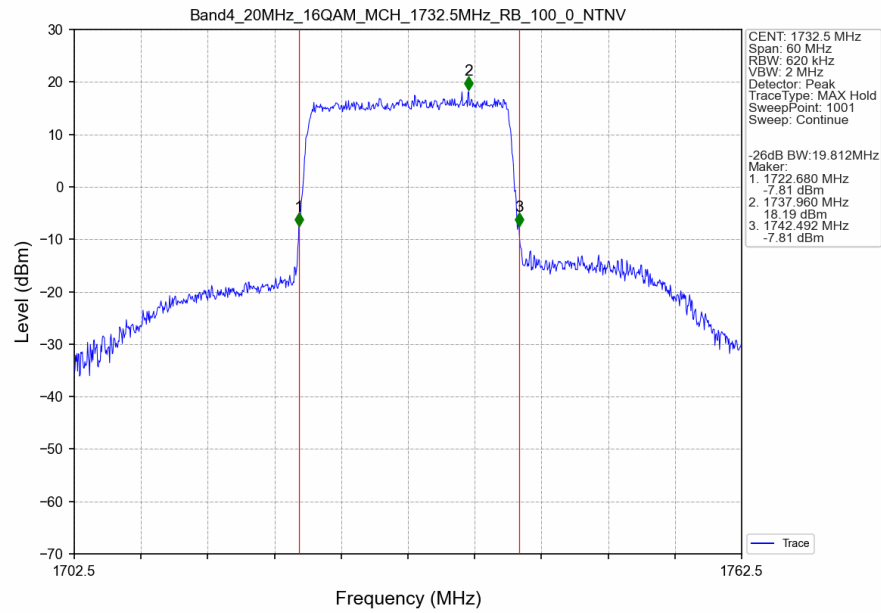
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



4. Peak-Average Ratio

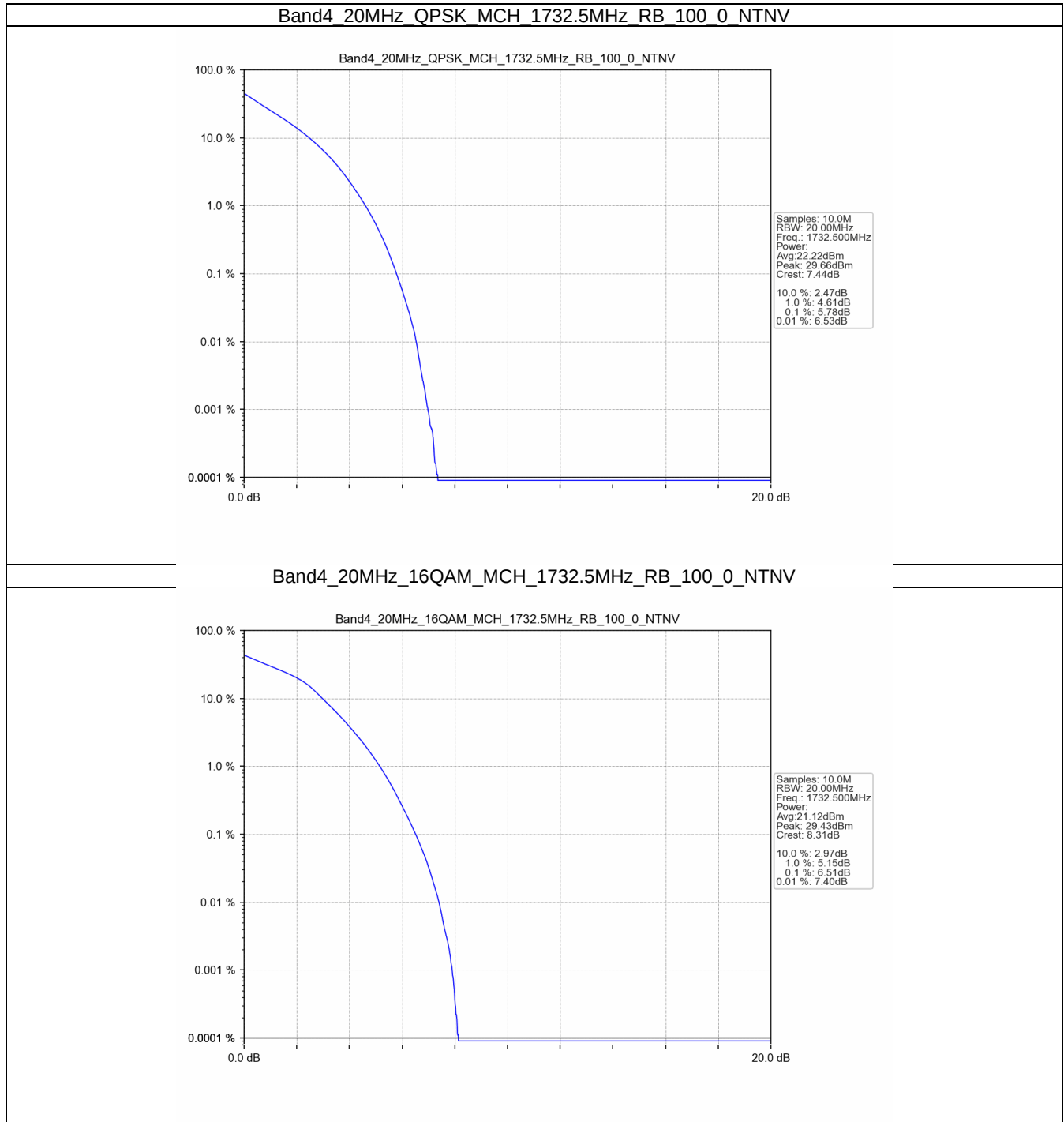
4.1 Test Result

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	5.78	<=13	Pass
16QAM	1732.5	100	0	6.51	<=13	Pass

4.2 Test Graph

4.2.1 B4_20MHz



5. Spurious Emission

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTV						
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

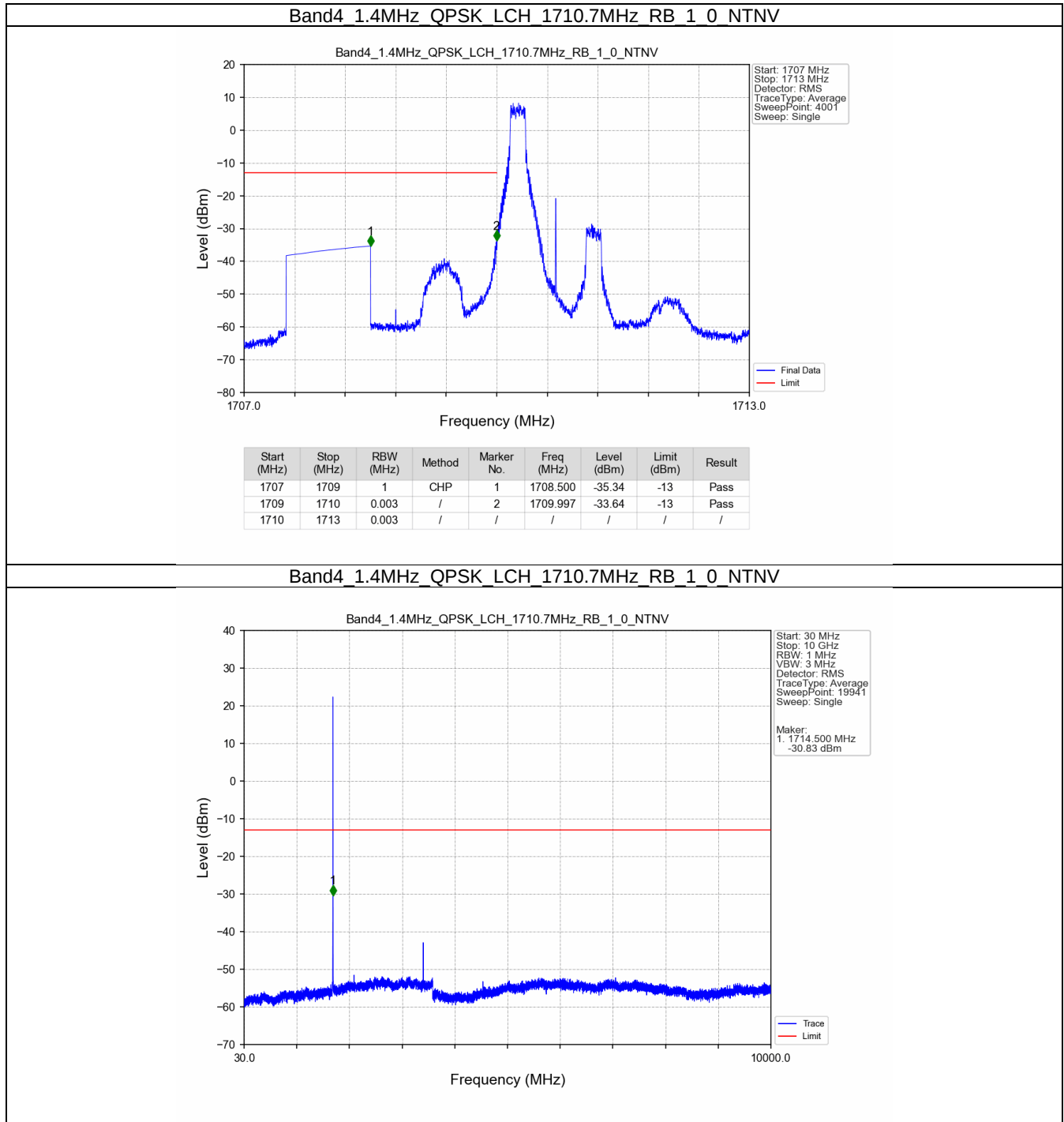
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

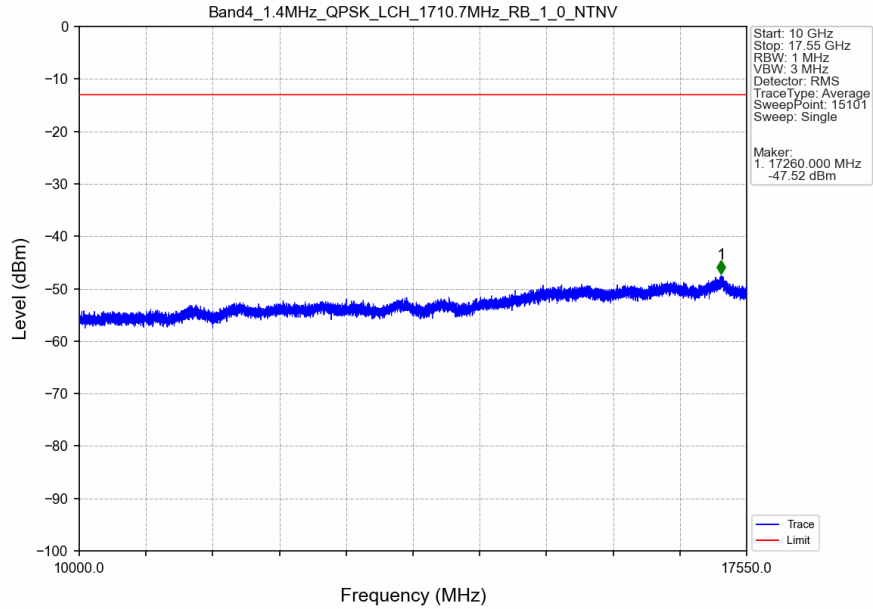
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

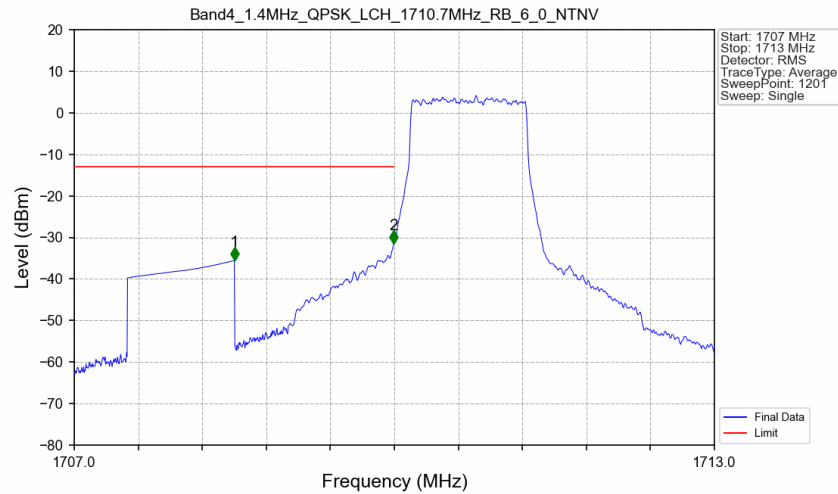
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

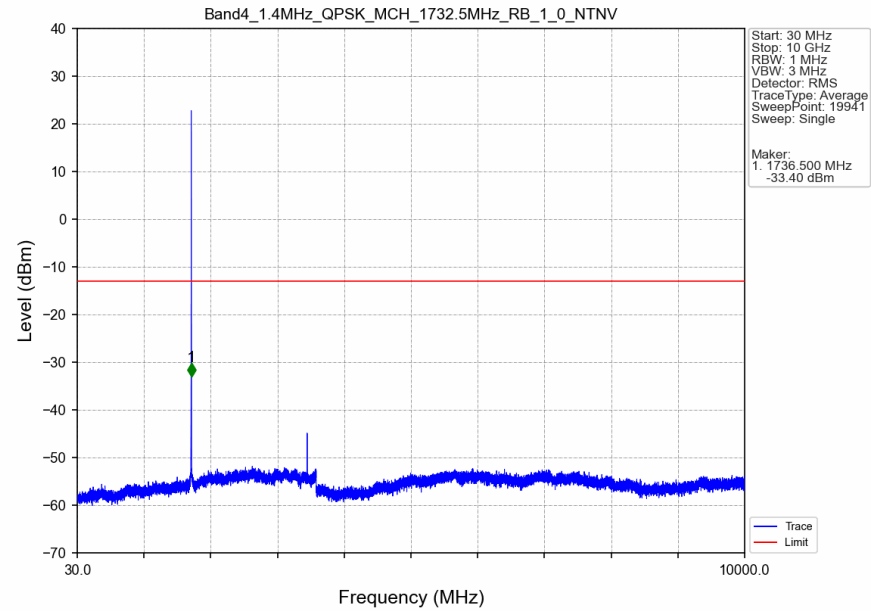


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

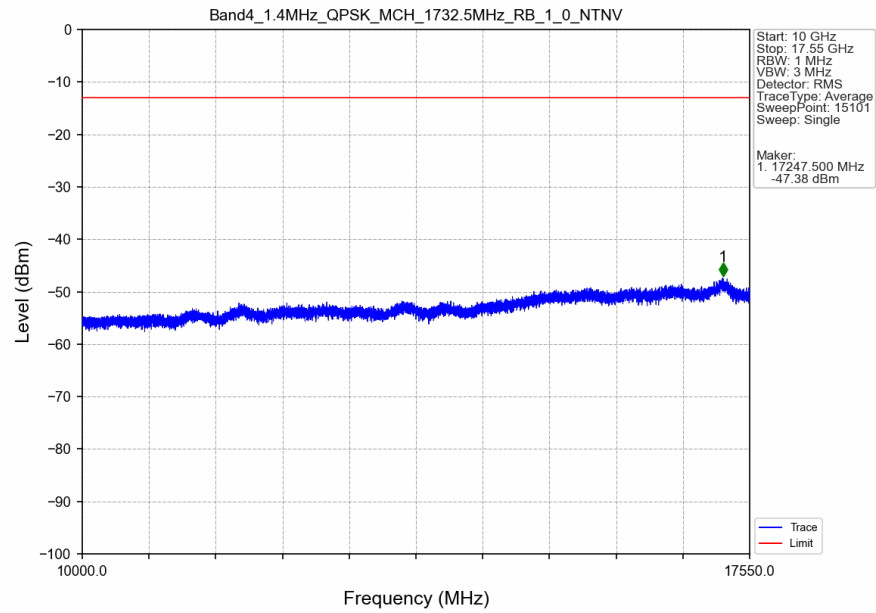


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-35.56	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-31.47	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

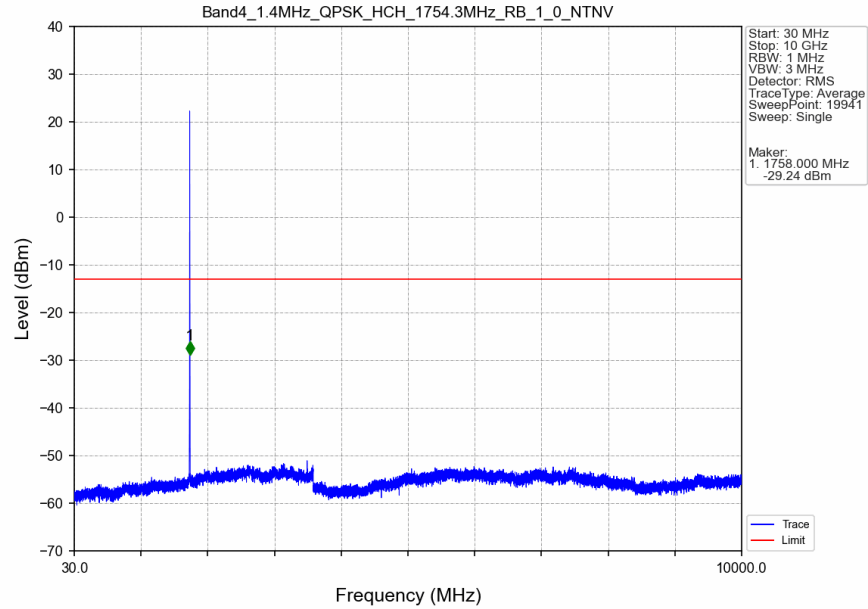
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



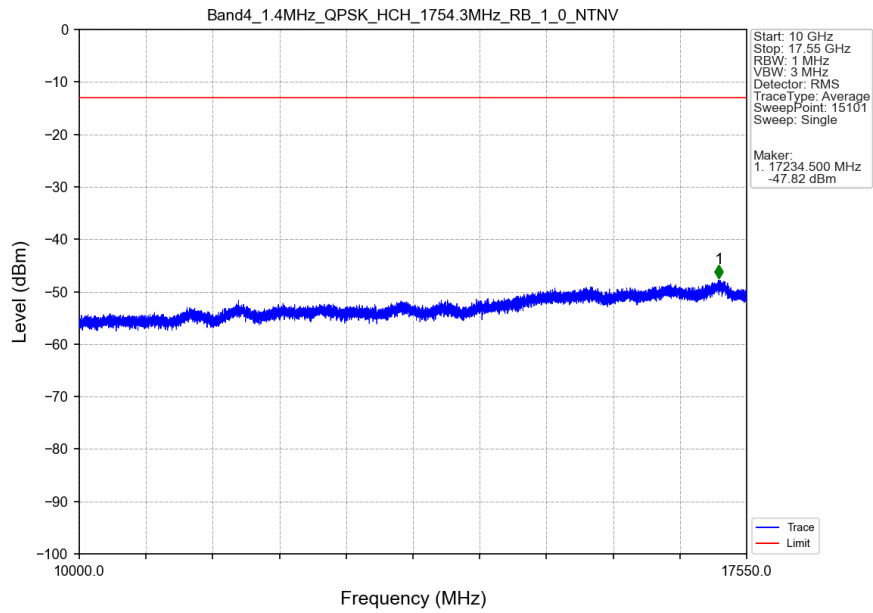
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



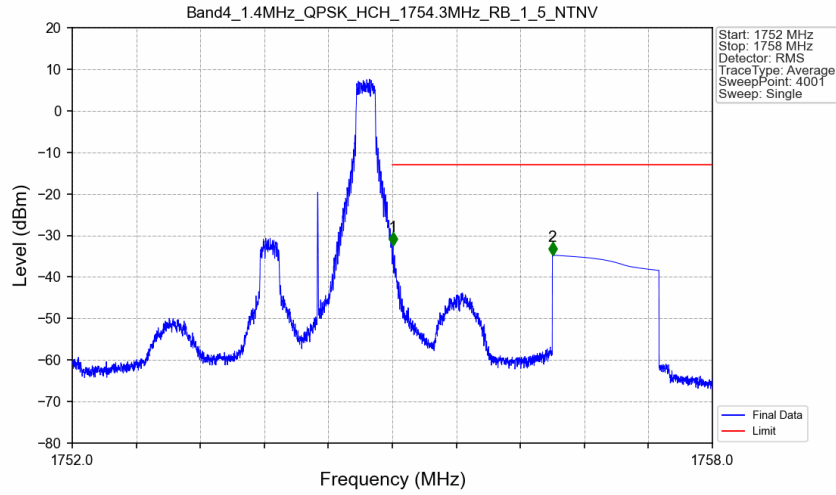
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

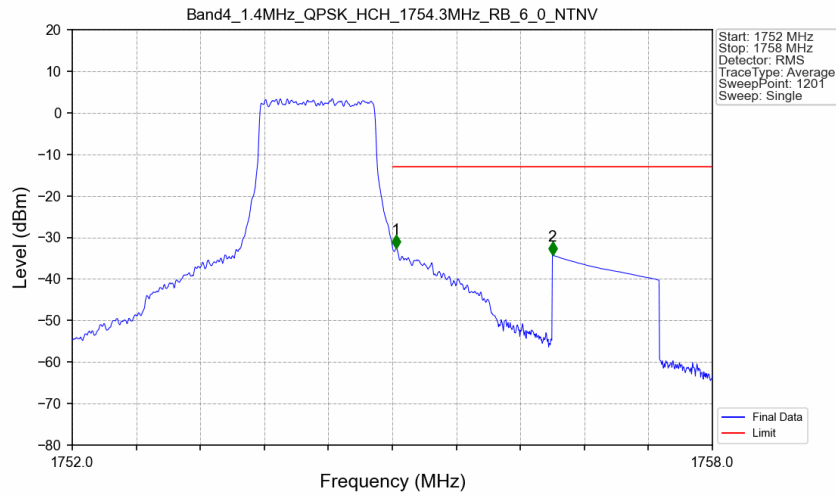


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



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	-32.38	-13	Pass
1756	1758	1	CHP	2	1756.500	-34.75	-13	Pass

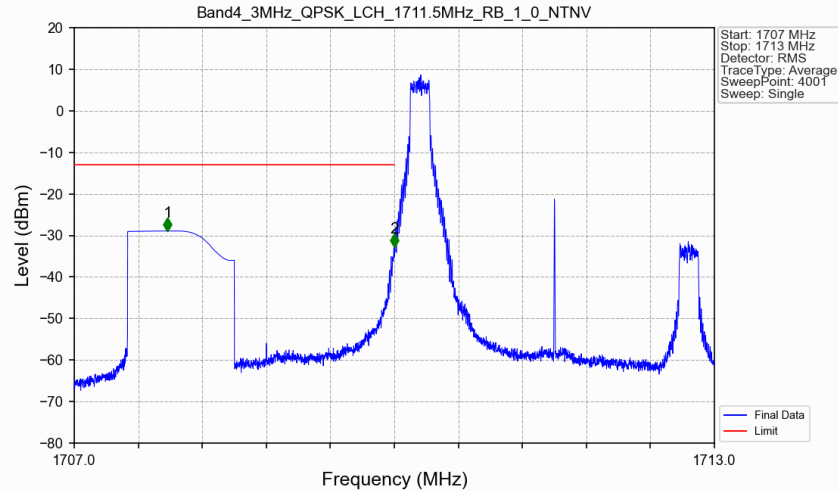
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



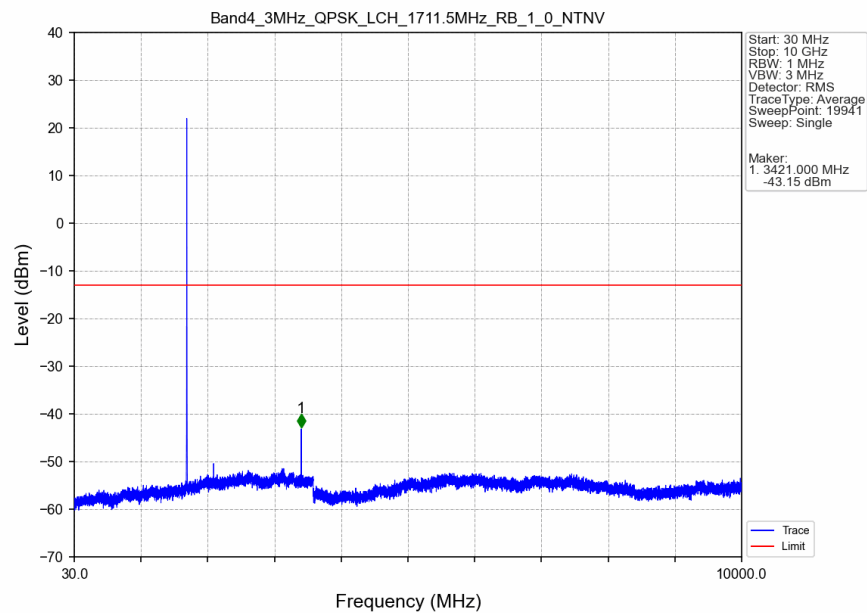
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.035	-32.63	-13	Pass
1756	1758	1	CHP	2	1756.500	-34.30	-13	Pass

5.2.2 B4_3MHz

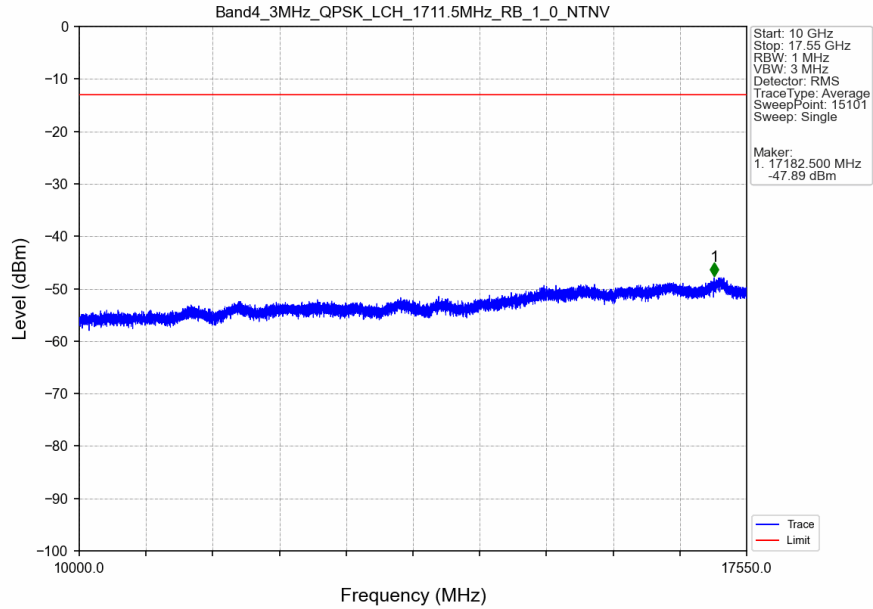
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



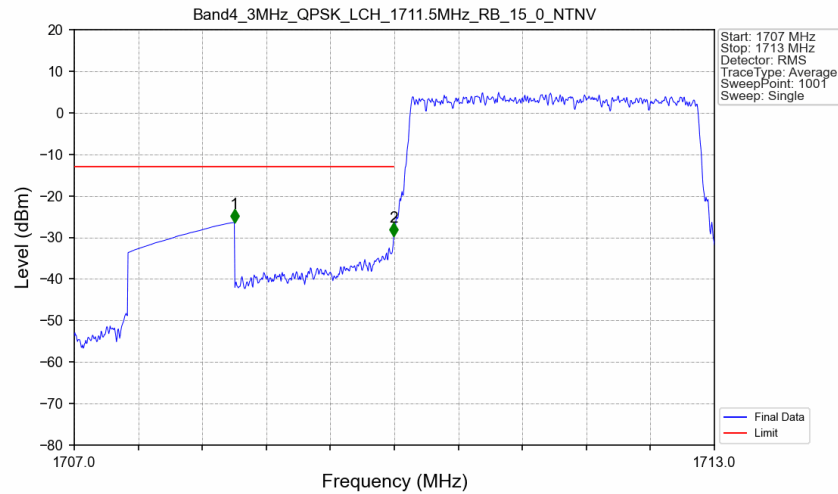
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

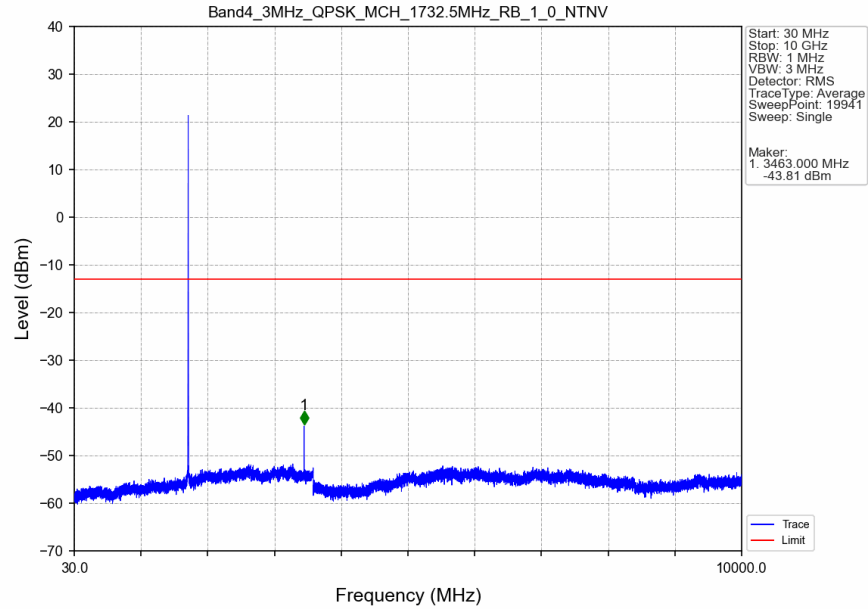


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

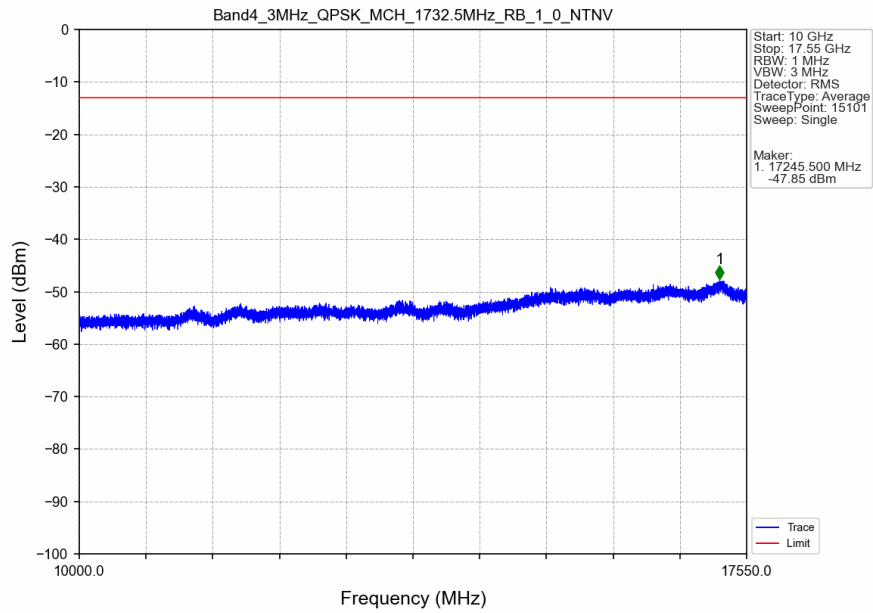


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.42	-13	Pass
1709	1710	0.03	/	2	1709.994	-29.76	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

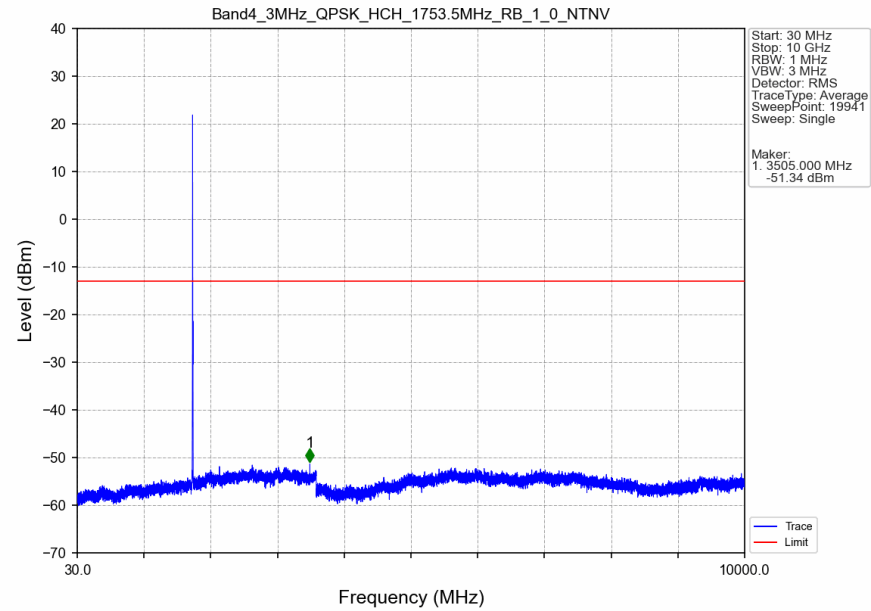
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



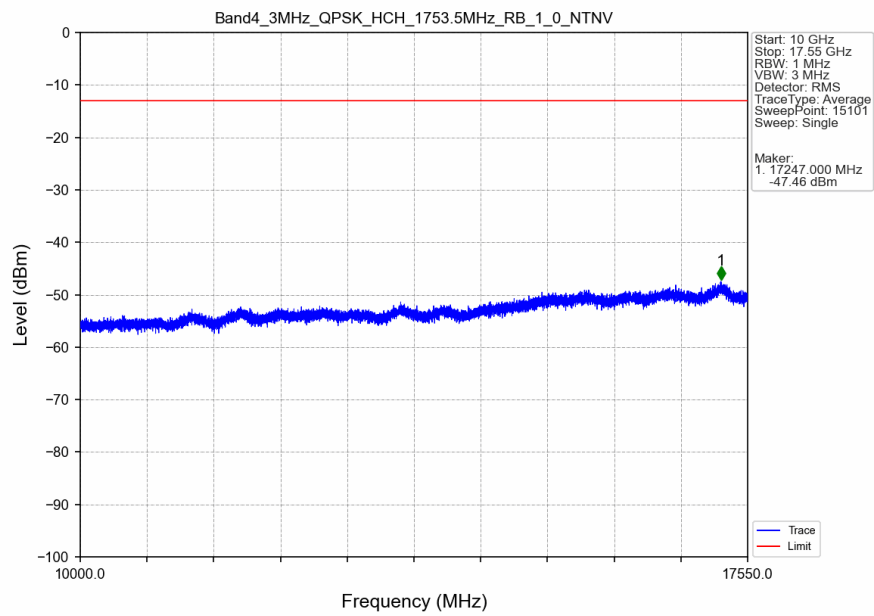
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



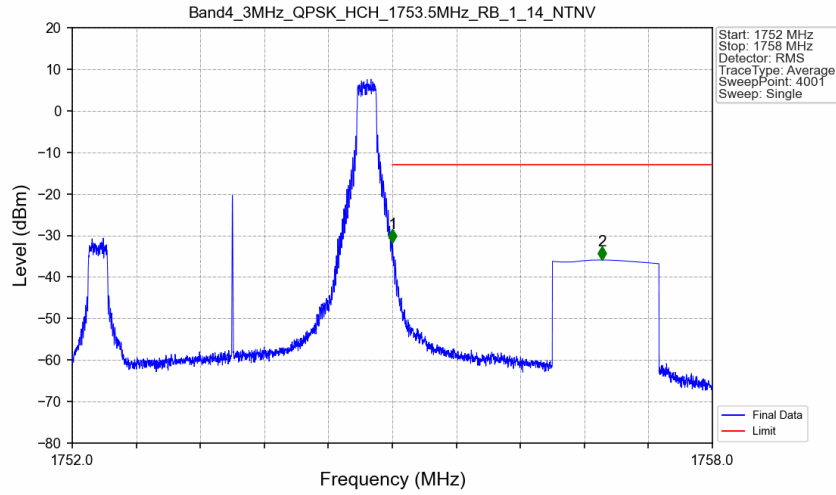
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

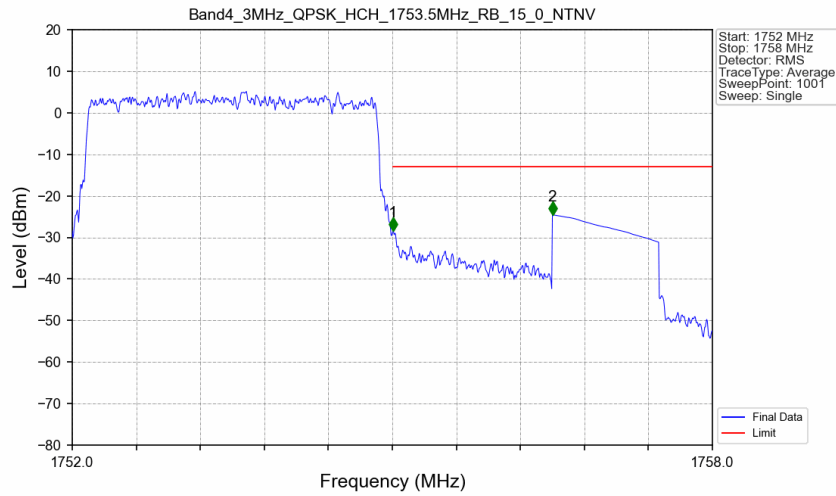


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



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	1755.003	-31.62	-13	Pass
1756	1758	1	CHP	2	1756.966	-35.91	-13	Pass

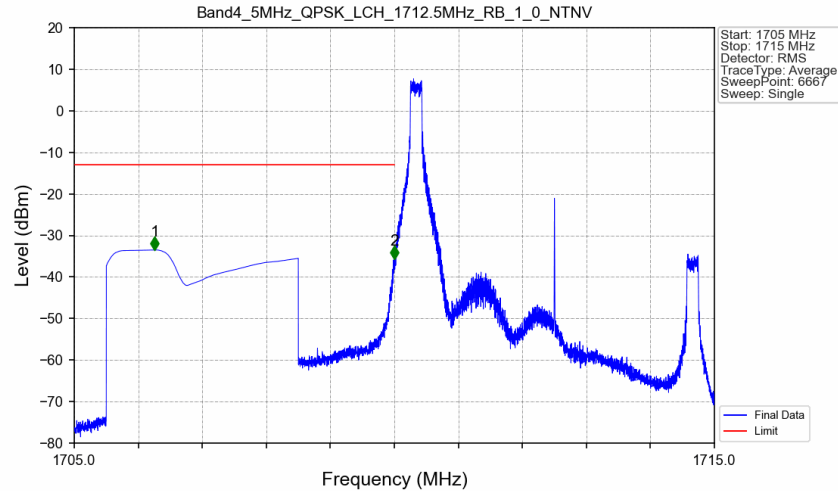
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



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	-28.47	-13	Pass
1756	1758	1	CHP	2	1756.500	-24.56	-13	Pass

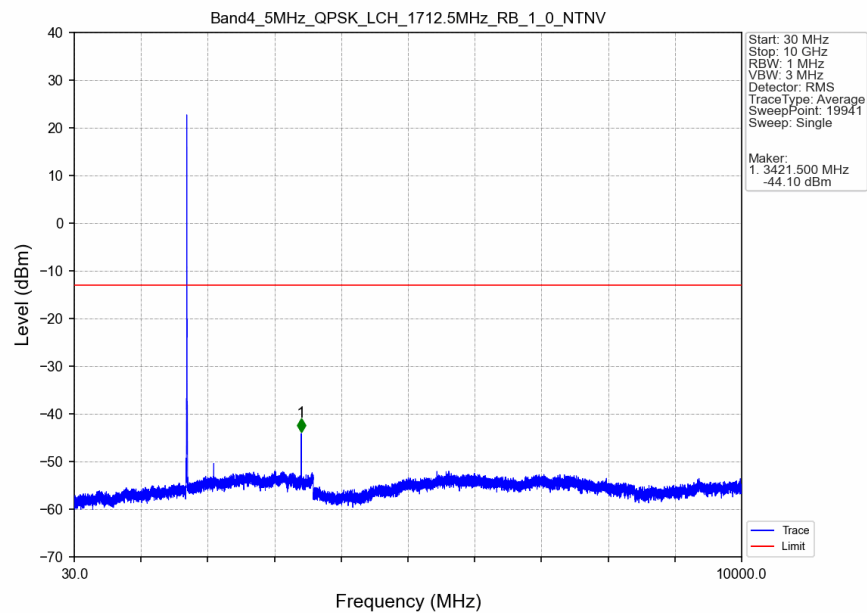
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

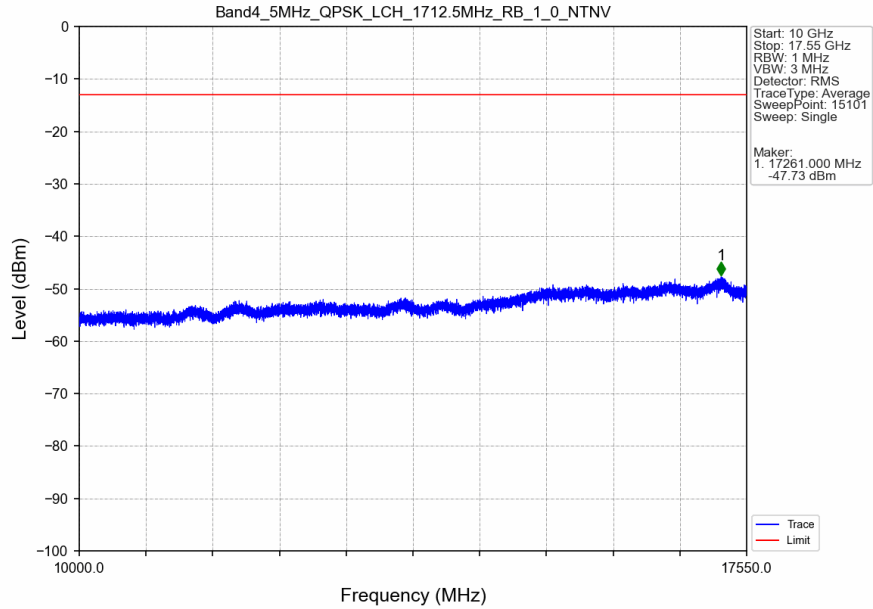


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.259	-33.51	-13	Pass
1709	1710	0.003	/	2	1709.998	-35.68	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

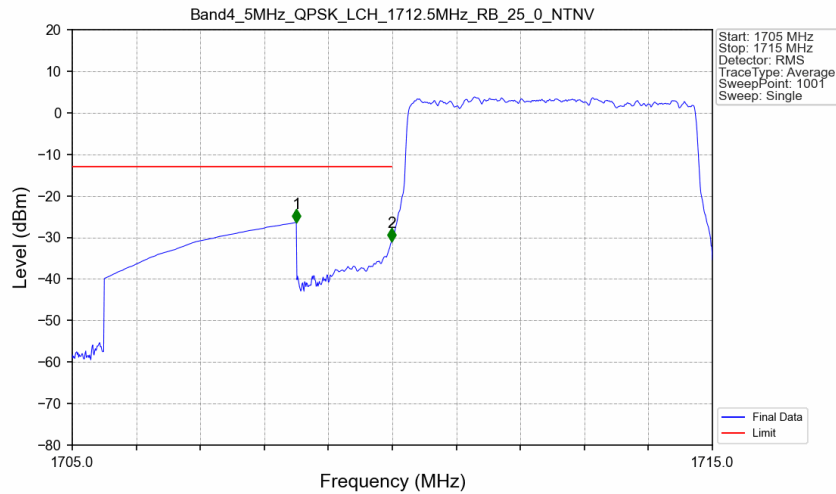
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

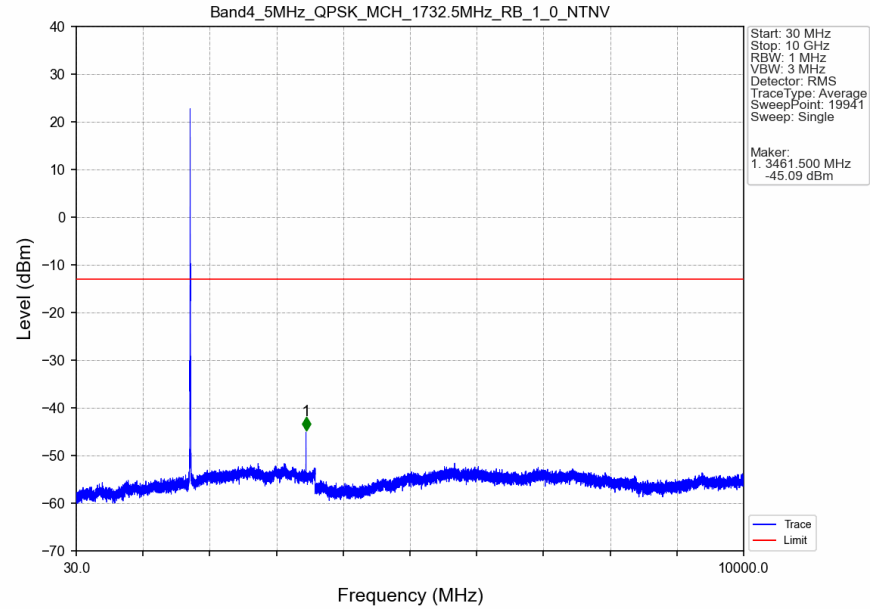


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

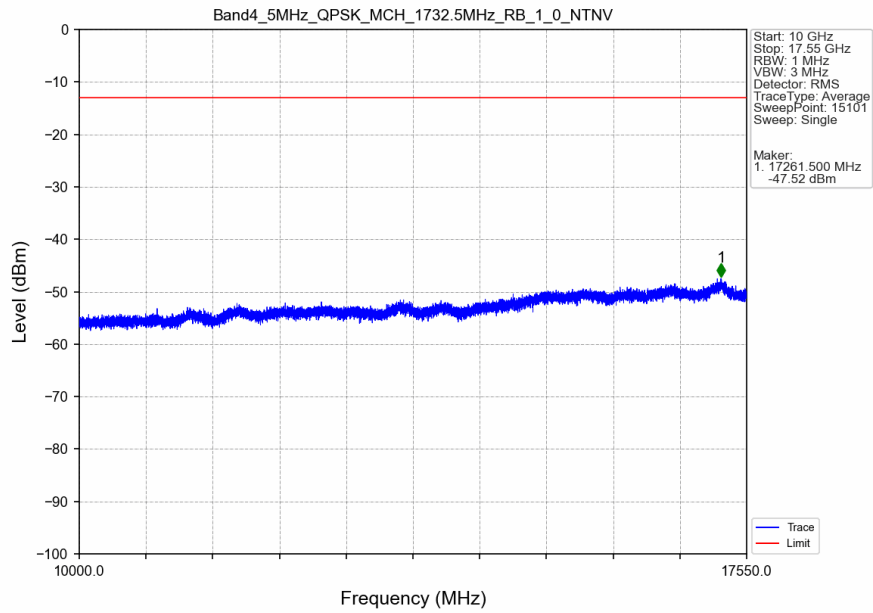


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-26.38	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-30.91	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

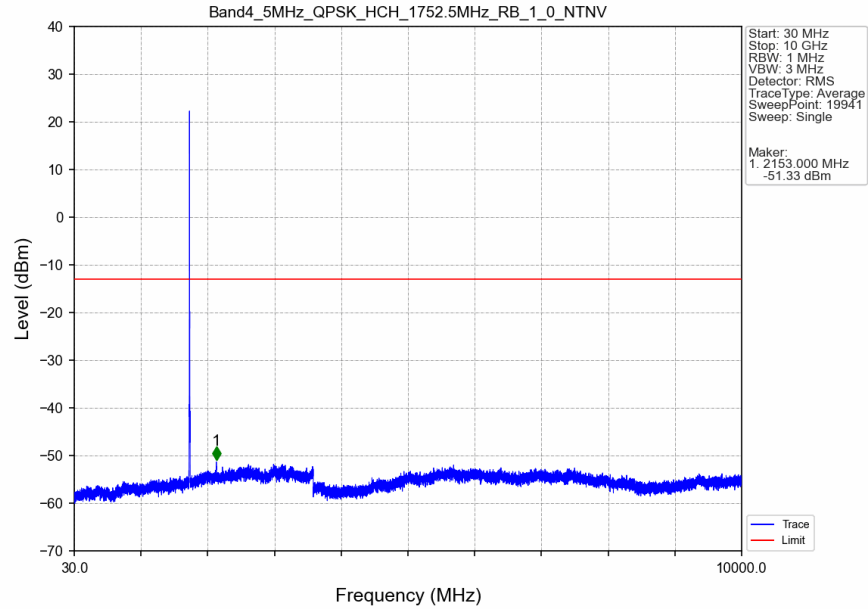
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



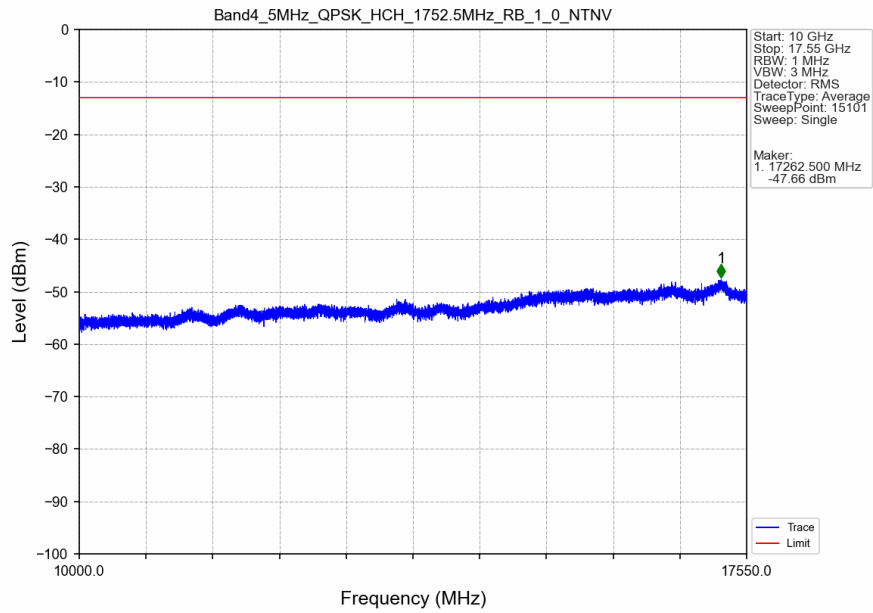
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



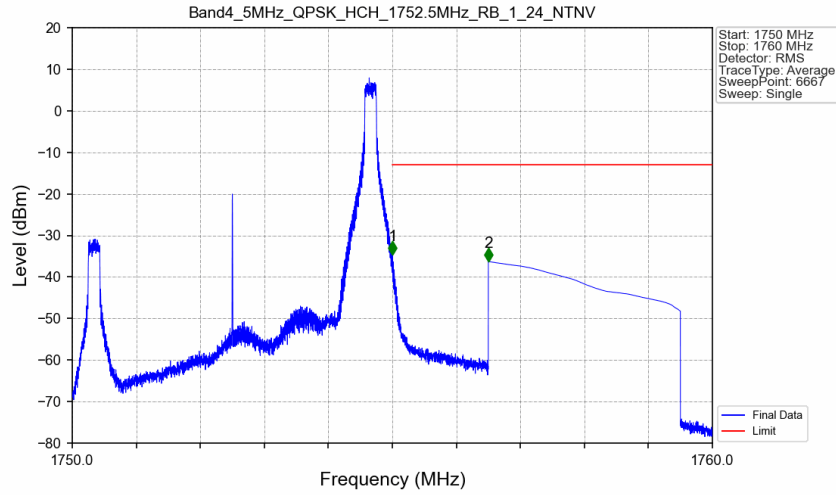
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

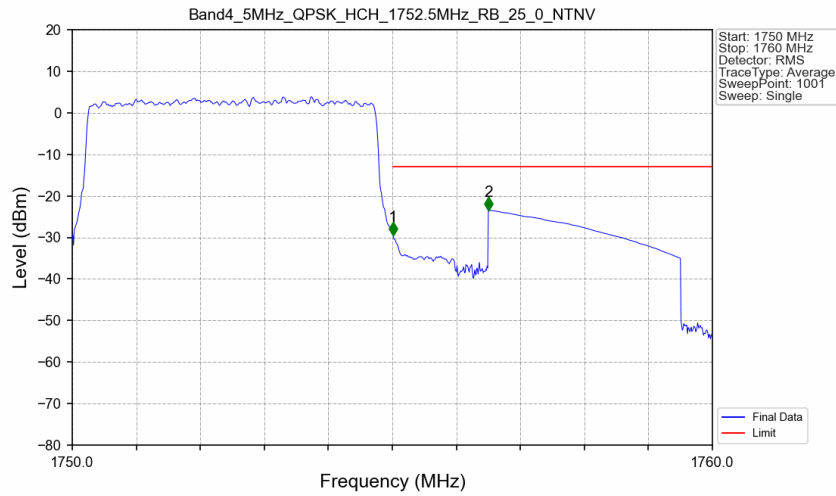


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



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	1755.003	-34.62	-13	Pass
1756	1760	1	CHP	2	1756.500	-36.30	-13	Pass

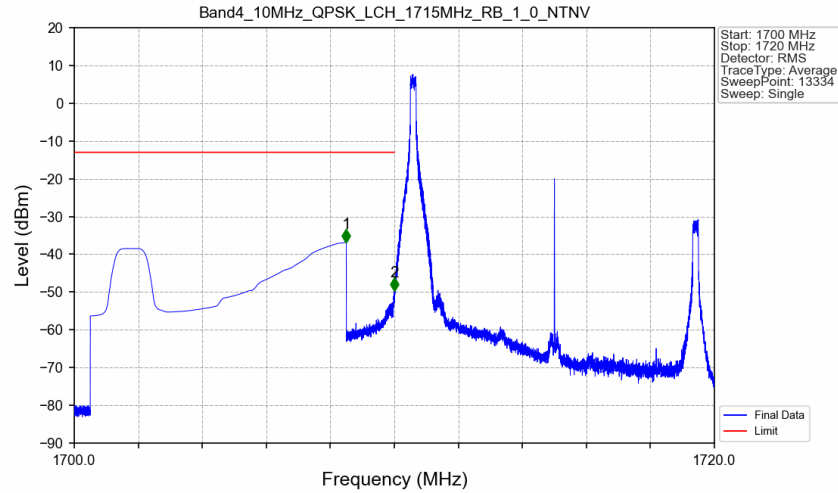
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



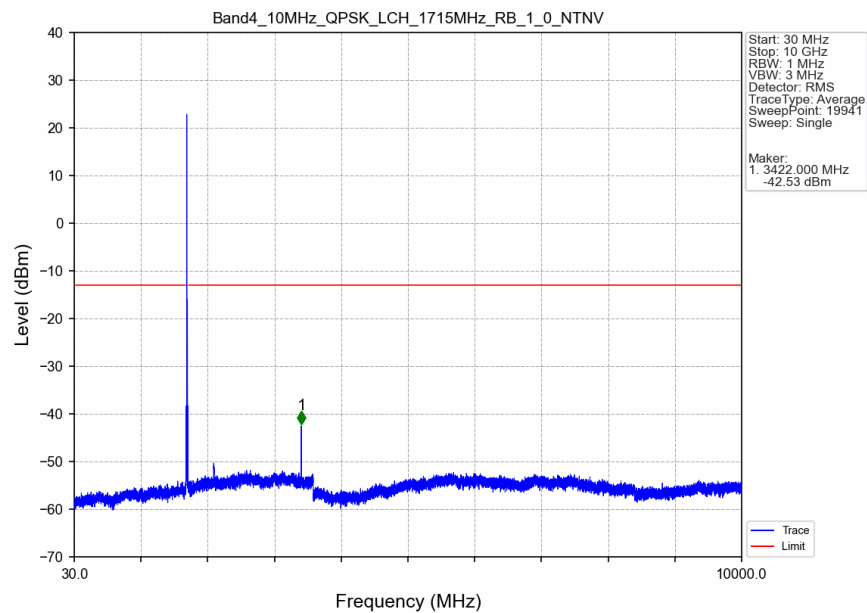
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	CHP	/	/	/	/	/
1755	1756	0.051	CHP	1	1755.010	-29.45	-13	Pass
1756	1760	1	CHP	2	1756.500	-23.46	-13	Pass

5.2.4 B4_10MHz

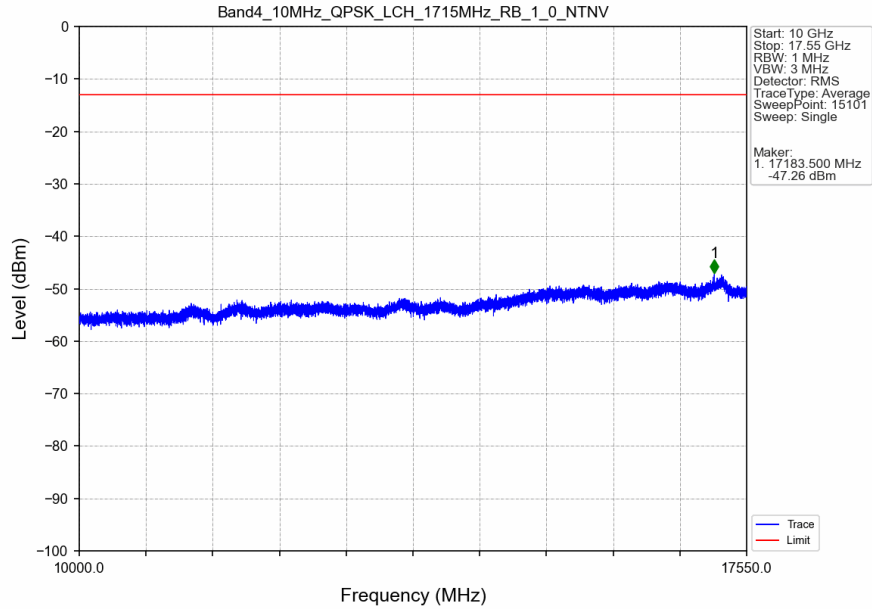
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



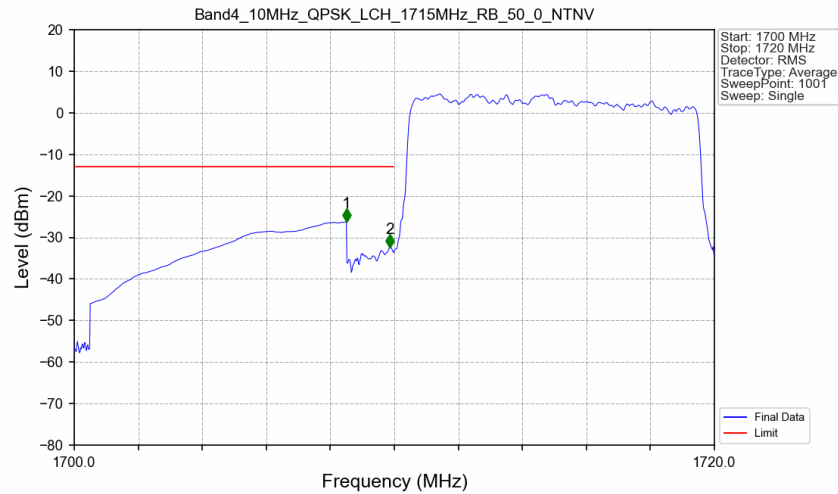
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

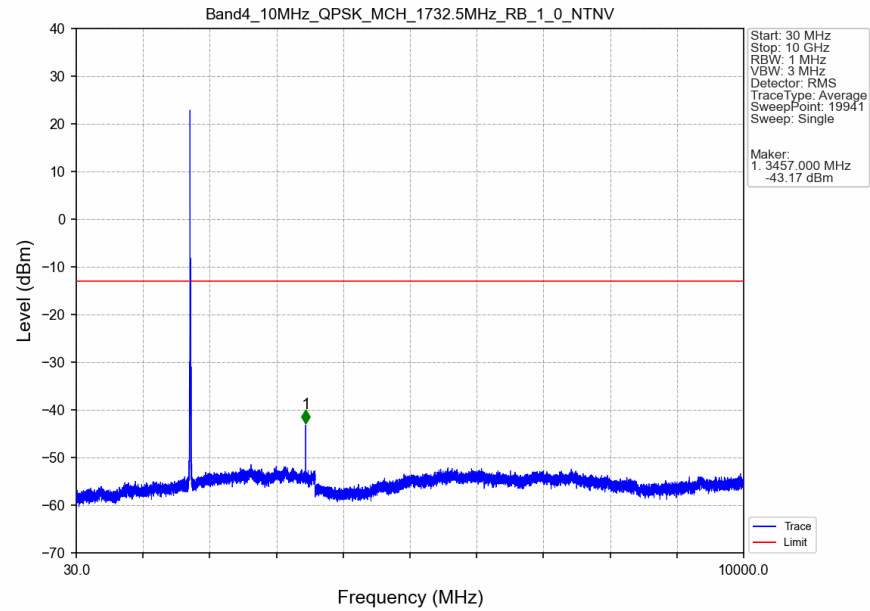


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

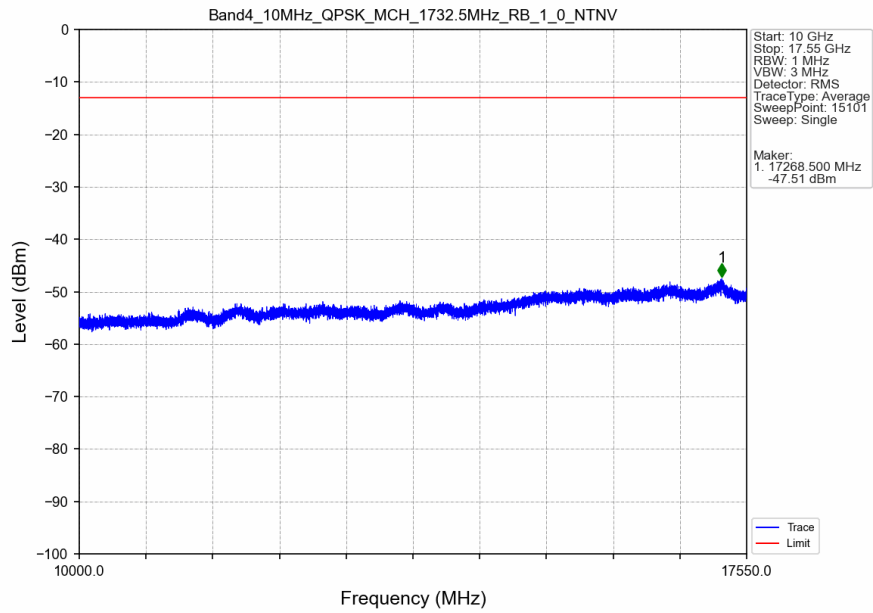


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-26.16	-13	Pass
1709	1710	0.101	CHP	2	1709.860	-32.42	-13	Pass
1710	1720	0.101	CHP	/	/	/	/	/

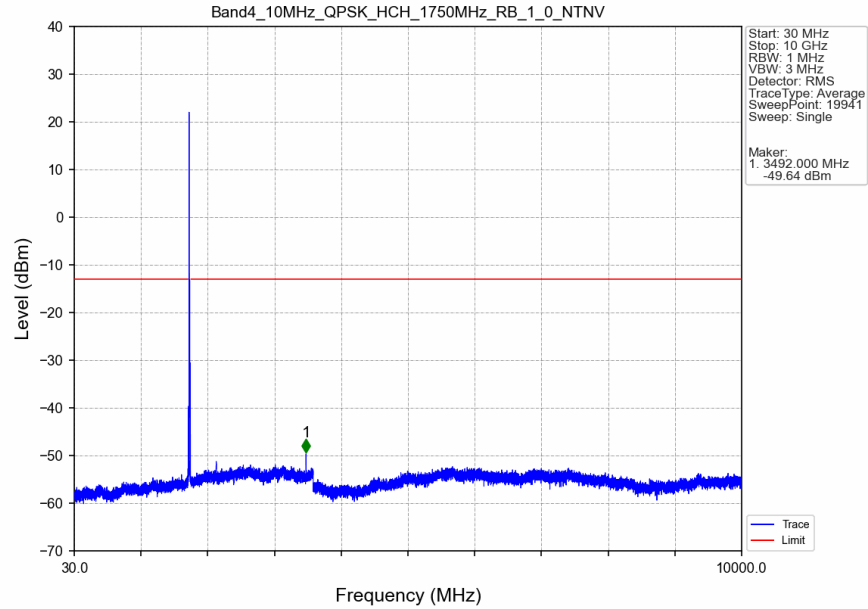
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



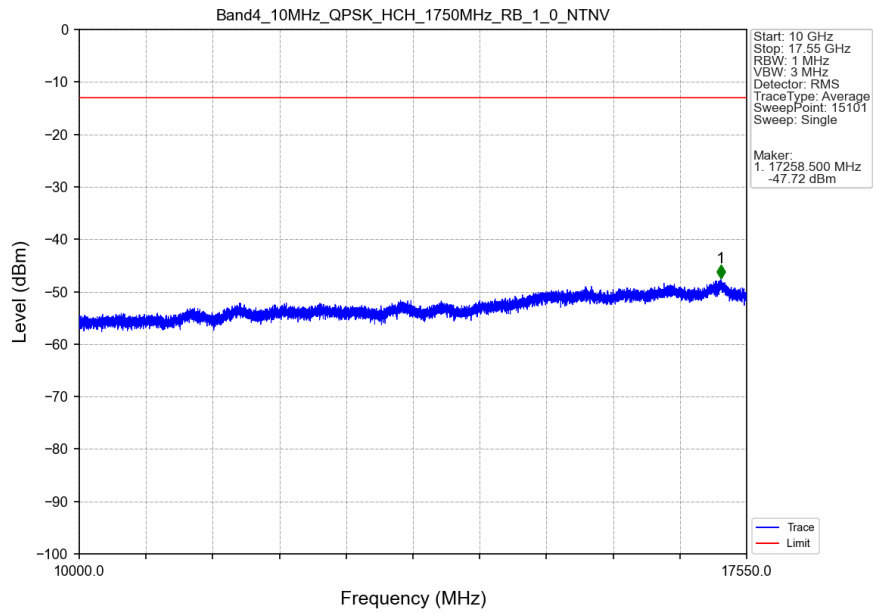
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



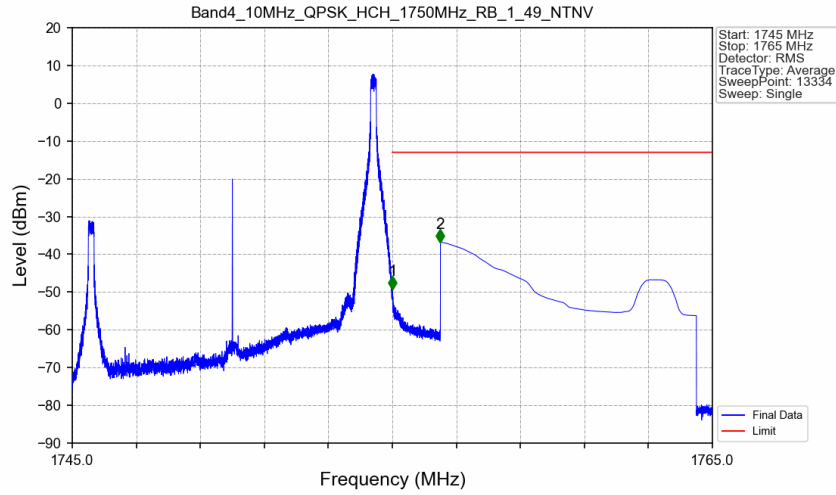
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



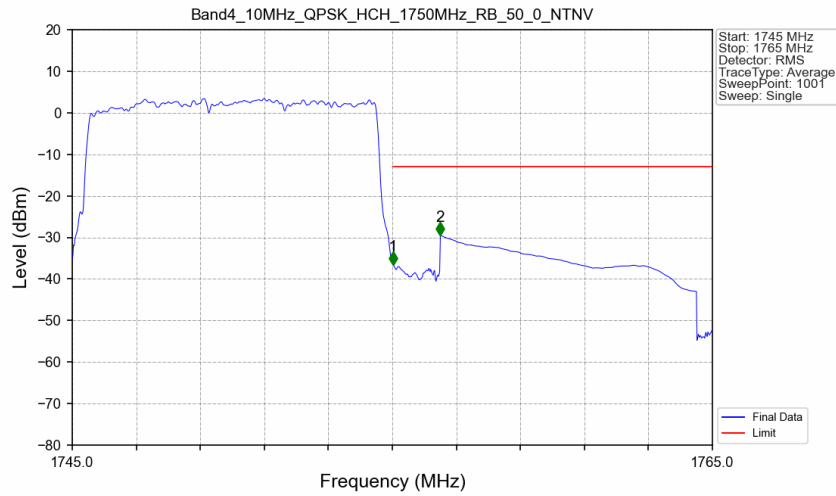
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV

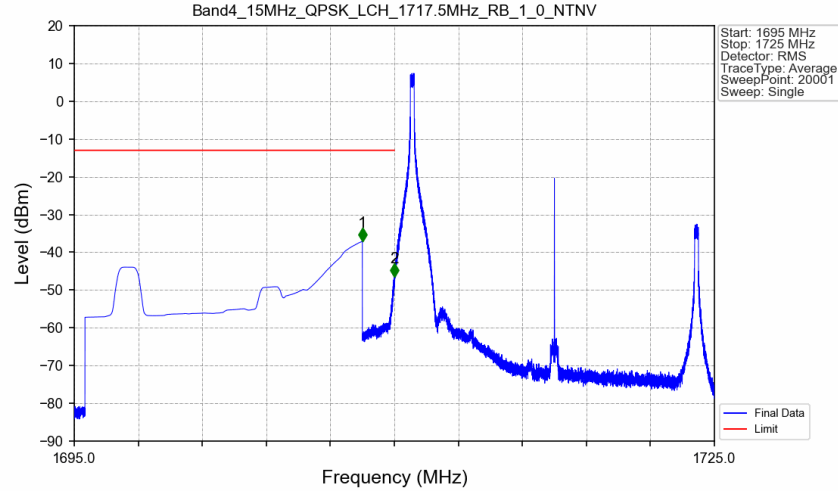


Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



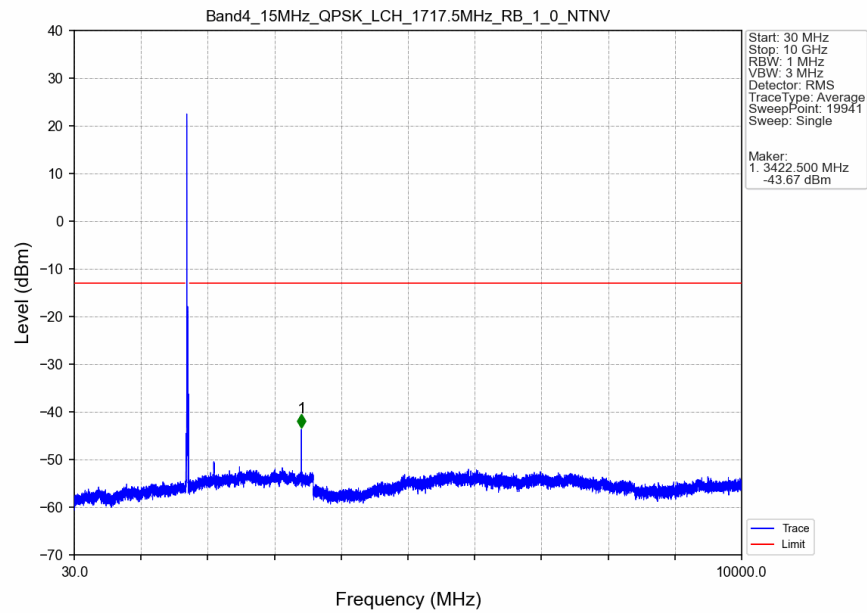
5.2.5 B4_15MHz

Band4 15MHz QPSK LCH 1717.5MHz RB 1.0 NTNV

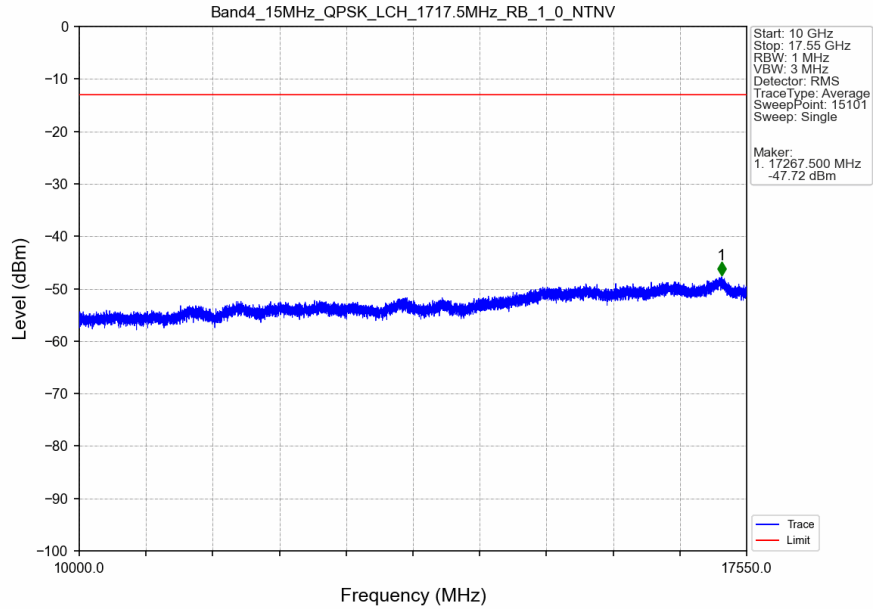


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.498	-37.10	-13	Pass
1709	1710	0.003	/	2	1709.997	-46.40	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

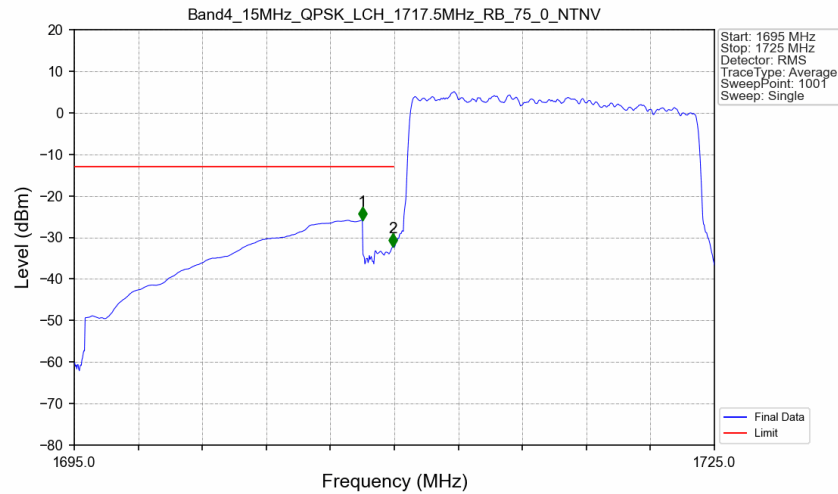
Band4 15MHz QPSK LCH 1717.5MHz RB 1.0 NTNV



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

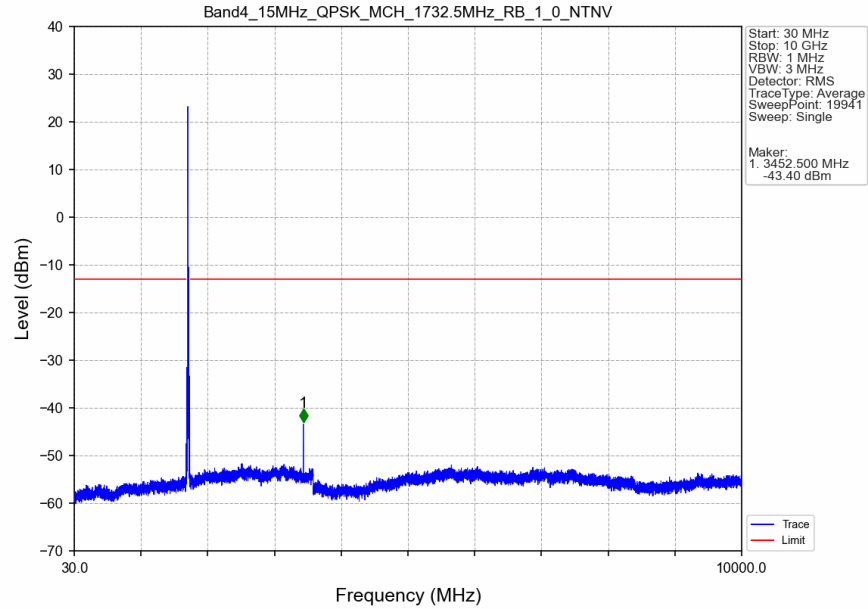


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV

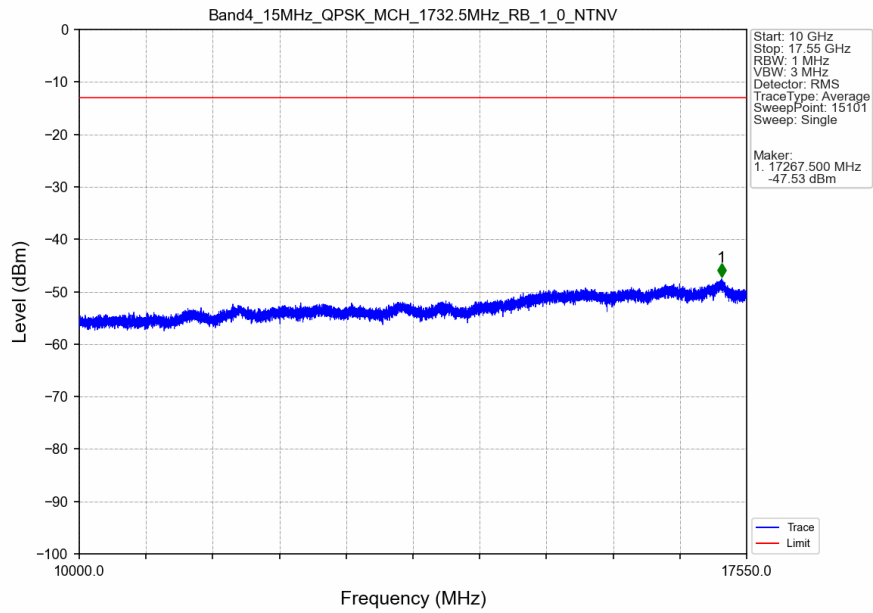


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-25.83	-13	Pass
1709	1710	0.149	CHP	2	1709.940	-32.25	-13	Pass
1710	1725	0.149	CHP	/	/	/	/	/

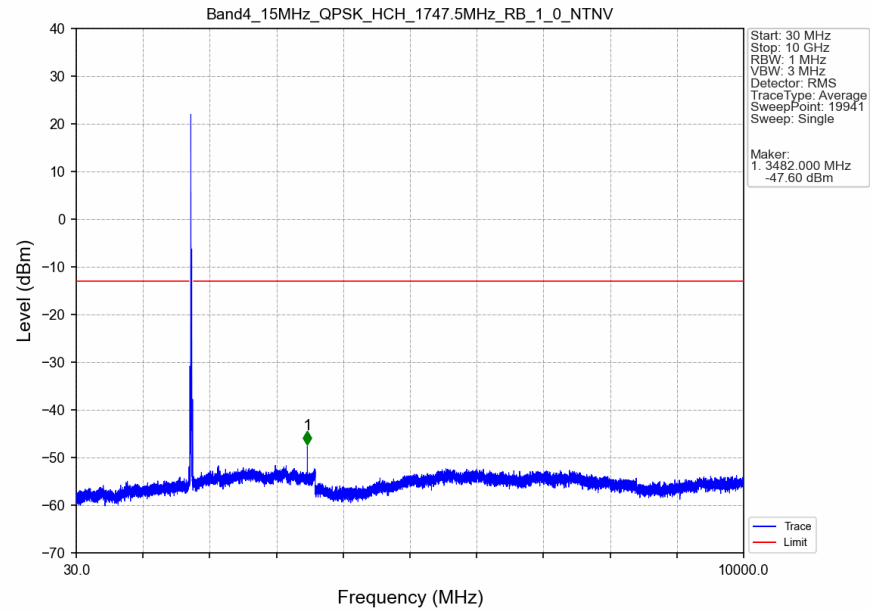
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



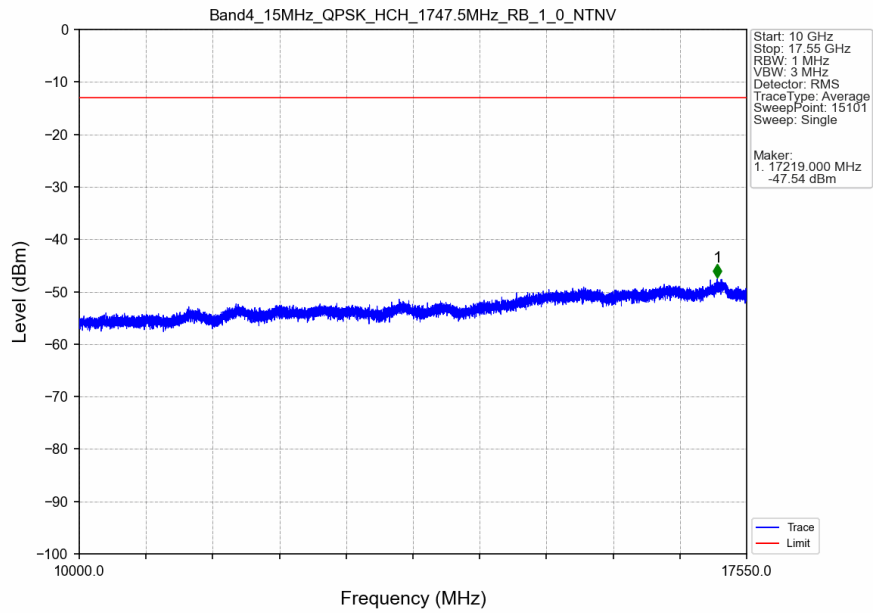
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



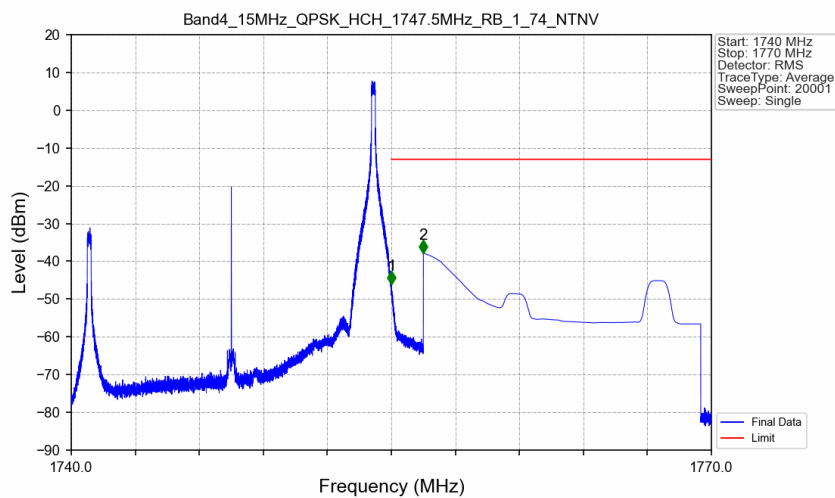
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

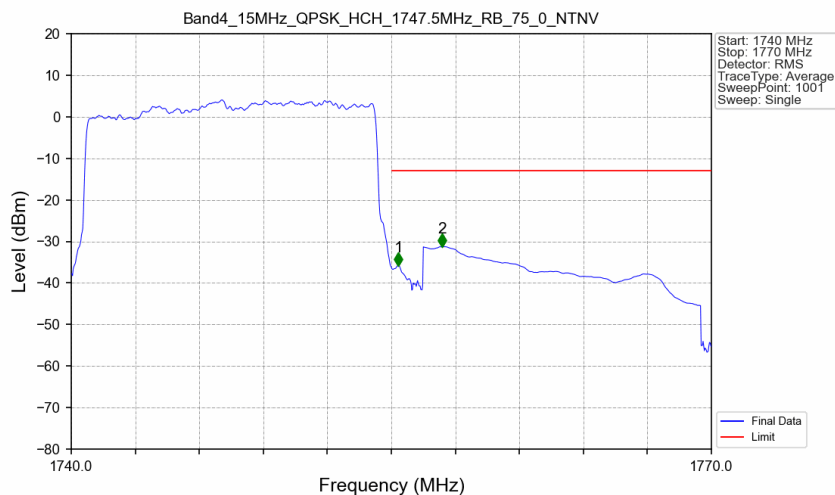


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



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	-46.07	-13	Pass
1756	1770	1	CHP	2	1756.500	-37.80	-13	Pass

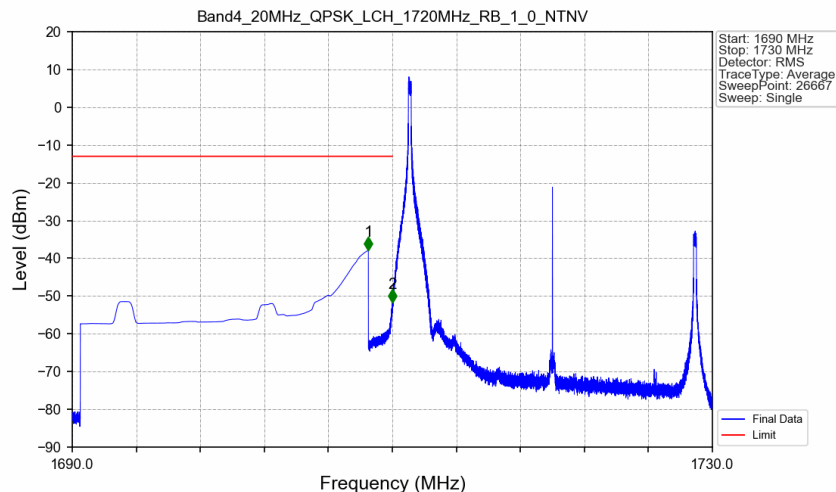
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



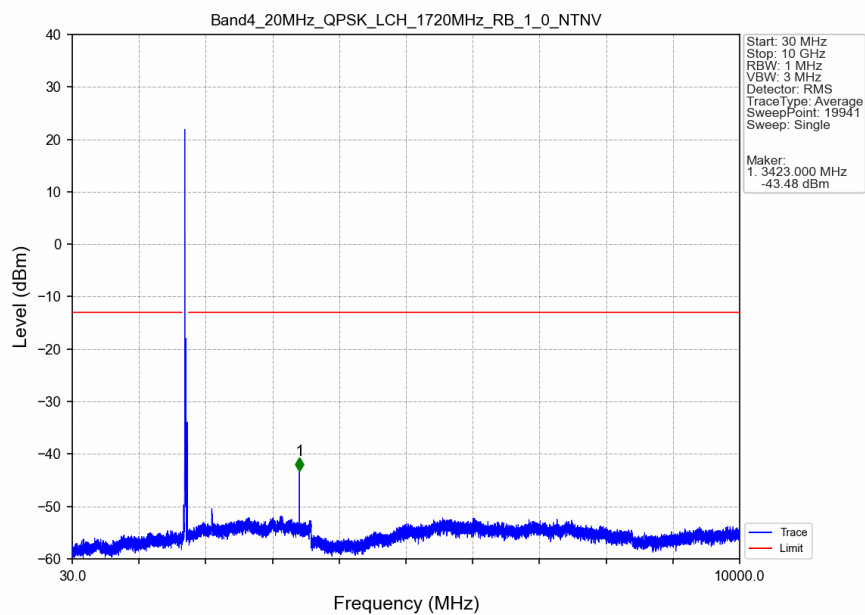
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.149	CHP	/	/	/	/	/
1755	1756	0.149	CHP	1	1755.330	-35.78	-13	Pass
1756	1770	1	CHP	2	1757.370	-31.29	-13	Pass

5.2.6 B4_20MHz

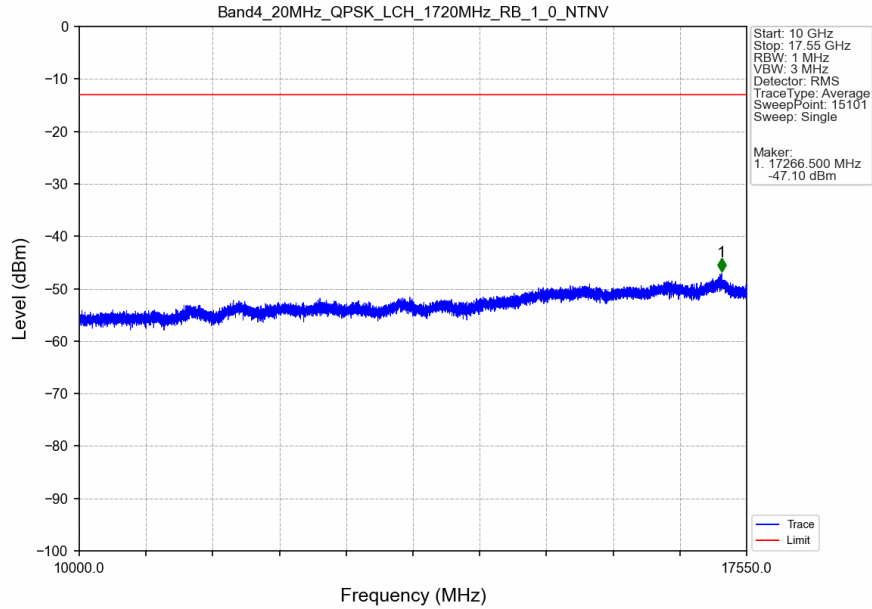
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTNV



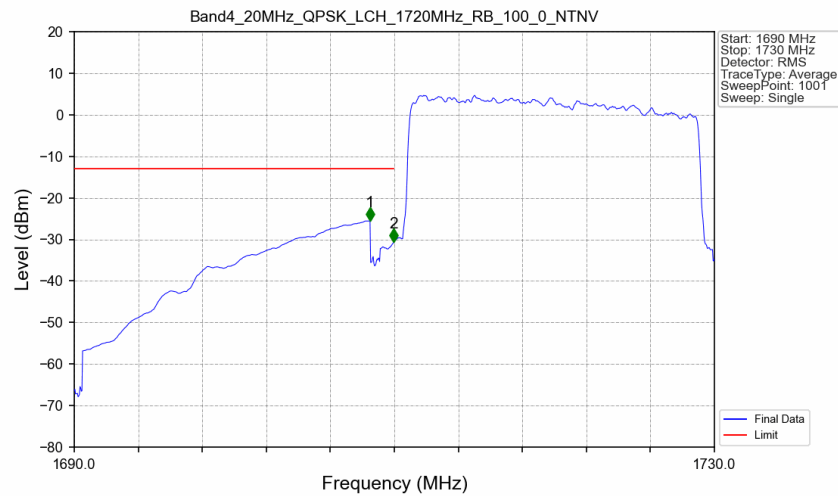
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

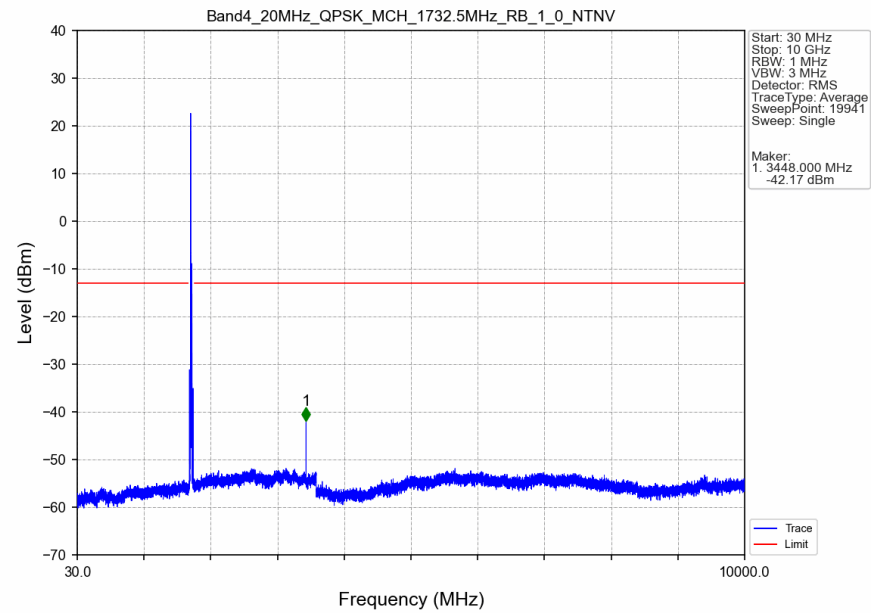


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

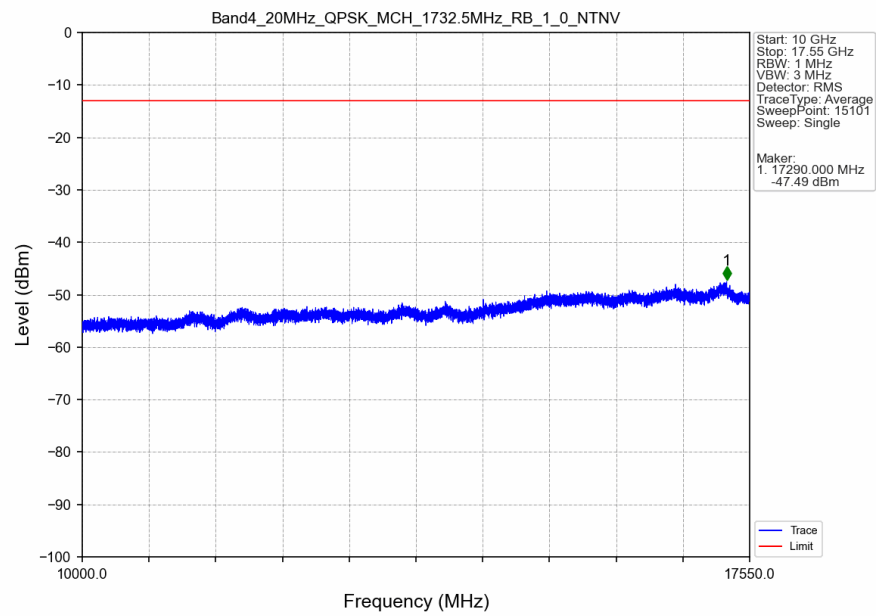


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-25.55	-13	Pass
1709	1710	0.199	CHP	2	1709.960	-30.65	-13	Pass
1710	1730	0.199	CHP	/	/	/	/	/

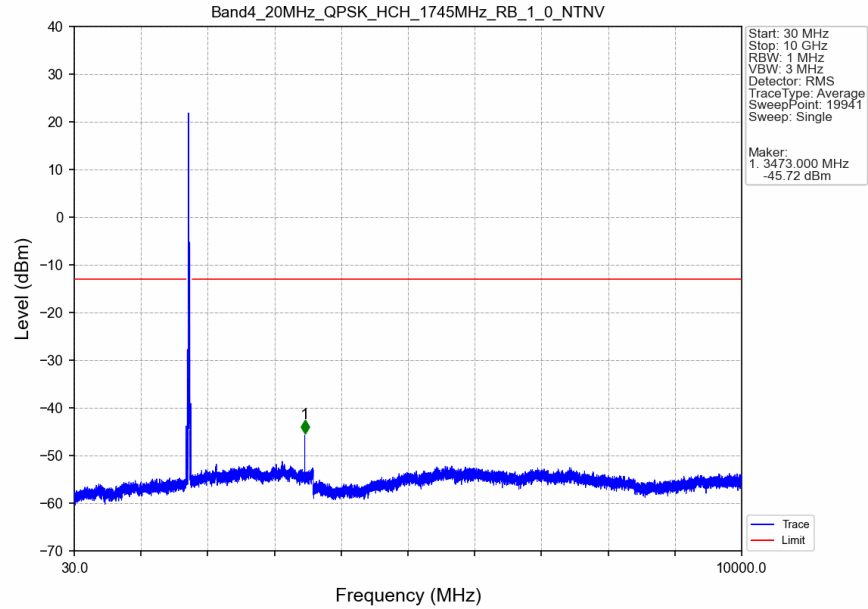
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



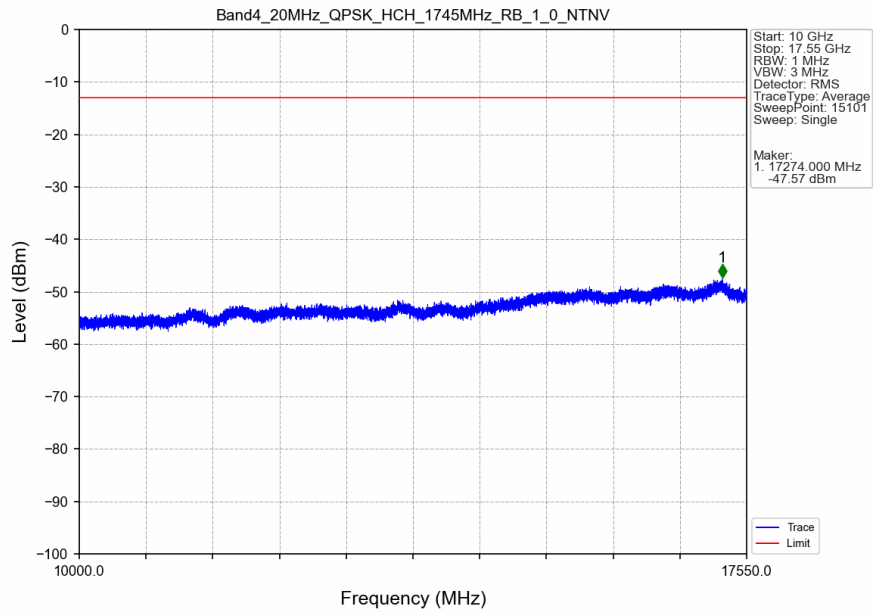
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



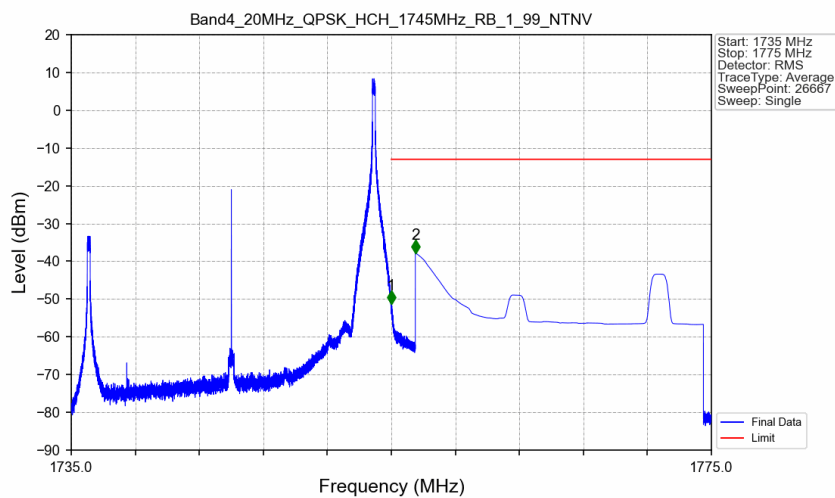
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

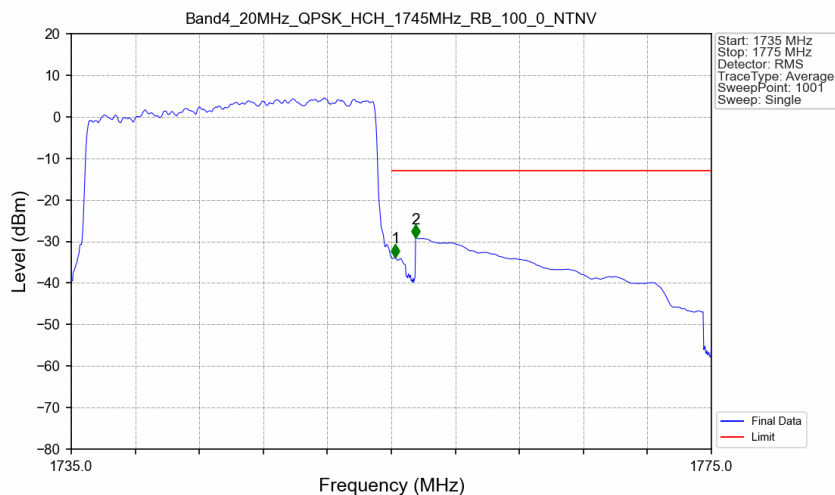


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-51.27	-13	Pass
1756	1775	1	CHP	2	1756.500	-37.80	-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	1755.240	-33.77	-13	Pass
1756	1775	1	CHP	2	1756.520	-29.16	-13	Pass