

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	23.41	1.14	24.55	<=30	Pass
			2	23.33	1.14	24.47	<=30	Pass
			5	23.13	1.14	24.27	<=30	Pass
		3	0	23.33	1.14	24.47	<=30	Pass
			2	23.24	1.14	24.38	<=30	Pass
			3	23.18	1.14	24.32	<=30	Pass
		6	0	22.57	1.14	23.71	<=30	Pass
	1732.5	1	0	23.40	1.14	24.54	<=30	Pass
			2	23.72	1.14	24.86	<=30	Pass
			5	23.65	1.14	24.79	<=30	Pass
		3	0	23.82	1.14	24.96	<=30	Pass
			2	23.75	1.14	24.89	<=30	Pass
			3	23.73	1.14	24.87	<=30	Pass
		6	0	22.69	1.14	23.83	<=30	Pass
	1754.3	1	0	23.24	1.14	24.38	<=30	Pass
			2	23.24	1.14	24.38	<=30	Pass
			5	23.30	1.14	24.44	<=30	Pass
		3	0	23.33	1.14	24.47	<=30	Pass
			2	23.37	1.14	24.51	<=30	Pass
			3	23.29	1.14	24.43	<=30	Pass
		6	0	22.45	1.14	23.59	<=30	Pass
16QAM	1710.7	1	0	22.28	1.14	23.42	<=30	Pass
			2	22.23	1.14	23.37	<=30	Pass
			5	22.05	1.14	23.19	<=30	Pass
		3	0	22.51	1.14	23.65	<=30	Pass
			2	22.37	1.14	23.51	<=30	Pass
			3	22.33	1.14	23.47	<=30	Pass
		6	0	21.66	1.14	22.80	<=30	Pass
	1732.5	1	0	22.56	1.14	23.70	<=30	Pass
			2	22.78	1.14	23.92	<=30	Pass
			5	22.75	1.14	23.89	<=30	Pass
		3	0	22.62	1.14	23.76	<=30	Pass
			2	22.59	1.14	23.73	<=30	Pass
			3	22.56	1.14	23.70	<=30	Pass
		6	0	21.81	1.14	22.95	<=30	Pass
	1754.3	1	0	22.60	1.14	23.74	<=30	Pass
			2	22.68	1.14	23.82	<=30	Pass
			5	22.67	1.14	23.81	<=30	Pass
		3	0	22.17	1.14	23.31	<=30	Pass
			2	22.14	1.14	23.28	<=30	Pass
			3	22.20	1.14	23.34	<=30	Pass
		6	0	21.52	1.14	22.66	<=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	23.51	1.14	24.65	<=30	Pass
			7	23.20	1.14	24.34	<=30	Pass
			14	23.61	1.14	24.75	<=30	Pass
		8	0	22.57	1.14	23.71	<=30	Pass
			4	22.46	1.14	23.60	<=30	Pass
			7	22.78	1.14	23.92	<=30	Pass
		15	0	22.40	1.14	23.54	<=30	Pass
	1732.5	1	0	23.54	1.14	24.68	<=30	Pass
			7	23.73	1.14	24.87	<=30	Pass
			14	23.54	1.14	24.68	<=30	Pass
		8	0	22.57	1.14	23.71	<=30	Pass
			4	22.71	1.14	23.85	<=30	Pass
			7	22.66	1.14	23.80	<=30	Pass
		15	0	22.75	1.14	23.89	<=30	Pass
	1753.5	1	0	23.27	1.14	24.41	<=30	Pass
			7	23.26	1.14	24.40	<=30	Pass
			14	23.29	1.14	24.43	<=30	Pass
		8	0	22.35	1.14	23.49	<=30	Pass
			4	22.30	1.14	23.44	<=30	Pass
			7	22.38	1.14	23.52	<=30	Pass
		15	0	22.44	1.14	23.58	<=30	Pass
16QAM	1711.5	1	0	22.93	1.14	24.07	<=30	Pass
			7	22.63	1.14	23.77	<=30	Pass
			14	22.73	1.14	23.87	<=30	Pass
		8	0	21.68	1.14	22.82	<=30	Pass
			4	21.52	1.14	22.66	<=30	Pass
			7	22.07	1.14	23.21	<=30	Pass
		15	0	21.54	1.14	22.68	<=30	Pass
	1732.5	1	0	22.46	1.14	23.60	<=30	Pass
			7	22.54	1.14	23.68	<=30	Pass
			14	22.36	1.14	23.50	<=30	Pass
		8	0	21.81	1.14	22.95	<=30	Pass
			4	21.98	1.14	23.12	<=30	Pass
			7	21.94	1.14	23.08	<=30	Pass
		15	0	21.93	1.14	23.07	<=30	Pass
	1753.5	1	0	22.45	1.14	23.59	<=30	Pass
			7	22.42	1.14	23.56	<=30	Pass
			14	22.50	1.14	23.64	<=30	Pass
		8	0	21.57	1.14	22.71	<=30	Pass
			4	21.58	1.14	22.72	<=30	Pass
			7	21.61	1.14	22.75	<=30	Pass
		15	0	21.41	1.14	22.55	<=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	23.36	1.14	24.50	<=30	Pass
			13	23.47	1.14	24.61	<=30	Pass
			24	23.75	1.14	24.89	<=30	Pass
		12	0	22.44	1.14	23.58	<=30	Pass
			6	22.71	1.14	23.85	<=30	Pass
			13	22.48	1.14	23.62	<=30	Pass
		25	0	22.68	1.14	23.82	<=30	Pass
	1732.5	1	0	23.74	1.14	24.88	<=30	Pass
			13	23.75	1.14	24.89	<=30	Pass
			24	23.65	1.14	24.79	<=30	Pass
		12	0	22.70	1.14	23.84	<=30	Pass
			6	22.77	1.14	23.91	<=30	Pass
			13	22.62	1.14	23.76	<=30	Pass
		25	0	22.80	1.14	23.94	<=30	Pass
	1752.5	1	0	23.14	1.14	24.28	<=30	Pass
			13	23.09	1.14	24.23	<=30	Pass
			24	23.17	1.14	24.31	<=30	Pass
		12	0	22.32	1.14	23.46	<=30	Pass
			6	22.38	1.14	23.52	<=30	Pass
			13	22.38	1.14	23.52	<=30	Pass
		25	0	22.45	1.14	23.59	<=30	Pass
16QAM	1712.5	1	0	22.02	1.14	23.16	<=30	Pass
			13	21.94	1.14	23.08	<=30	Pass
			24	22.10	1.14	23.24	<=30	Pass
		12	0	21.48	1.14	22.62	<=30	Pass
			6	21.93	1.14	23.07	<=30	Pass
			13	21.59	1.14	22.73	<=30	Pass
		25	0	21.93	1.14	23.07	<=30	Pass
	1732.5	1	0	22.93	1.14	24.07	<=30	Pass
			13	22.83	1.14	23.97	<=30	Pass
			24	22.81	1.14	23.95	<=30	Pass
		12	0	21.81	1.14	22.95	<=30	Pass
			6	21.83	1.14	22.97	<=30	Pass
			13	21.69	1.14	22.83	<=30	Pass
		25	0	21.86	1.14	23.00	<=30	Pass
	1752.5	1	0	22.38	1.14	23.52	<=30	Pass
			13	22.33	1.14	23.47	<=30	Pass
			24	22.45	1.14	23.59	<=30	Pass
		12	0	21.32	1.14	22.46	<=30	Pass
			6	21.40	1.14	22.54	<=30	Pass
			13	21.41	1.14	22.55	<=30	Pass
		25	0	21.50	1.14	22.64	<=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	1.14	24.51	<=30	Pass
			25	23.75	1.14	24.89	<=30	Pass
			49	23.84	1.14	24.98	<=30	Pass
		25	0	22.63	1.14	23.77	<=30	Pass
			13	22.73	1.14	23.87	<=30	Pass

	1732.5		25	22.65	1.14	23.79	<=30	Pass	
		50	0	22.71	1.14	23.85	<=30	Pass	
		1	0	23.74	1.14	24.88	<=30	Pass	
			25	23.87	1.14	25.01	<=30	Pass	
			49	23.68	1.14	24.82	<=30	Pass	
			25	0	22.87	1.14	24.01	<=30	Pass
				13	22.80	1.14	23.94	<=30	Pass
		25		22.74	1.14	23.88	<=30	Pass	
		50	0	22.83	1.14	23.97	<=30	Pass	
		1750	1	0	23.50	1.14	24.64	<=30	Pass
	25			23.49	1.14	24.63	<=30	Pass	
	49			23.47	1.14	24.61	<=30	Pass	
	25		0	22.35	1.14	23.49	<=30	Pass	
			13	22.29	1.14	23.43	<=30	Pass	
			25	22.33	1.14	23.47	<=30	Pass	
	50		0	22.34	1.14	23.48	<=30	Pass	
	16QAM		1715	1	0	23.07	1.14	24.21	<=30
		25			23.13	1.14	24.27	<=30	Pass
		49			23.26	1.14	24.40	<=30	Pass
		25		0	21.86	1.14	23.00	<=30	Pass
				13	21.81	1.14	22.95	<=30	Pass
				25	21.91	1.14	23.05	<=30	Pass
		50		0	21.80	1.14	22.94	<=30	Pass
		1732.5		1	0	22.78	1.14	23.92	<=30
25					22.94	1.14	24.08	<=30	Pass
49			22.66		1.14	23.80	<=30	Pass	
25			0	22.03	1.14	23.17	<=30	Pass	
			13	21.94	1.14	23.08	<=30	Pass	
			25	21.79	1.14	22.93	<=30	Pass	
50			0	21.96	1.14	23.10	<=30	Pass	
1750			1	0	21.97	1.14	23.11	<=30	Pass
				25	21.88	1.14	23.02	<=30	Pass
		49		21.97	1.14	23.11	<=30	Pass	
		25	0	21.46	1.14	22.60	<=30	Pass	
	13		21.47	1.14	22.61	<=30	Pass		
	25	21.54	1.14	22.68	<=30	Pass			
50	0	21.33	1.14	22.47	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain									

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.32	1.14	24.46	<=30	Pass
			38	23.63	1.14	24.77	<=30	Pass
			74	24.03	1.14	25.17	<=30	Pass
		36	0	22.94	1.14	24.08	<=30	Pass
			18	22.64	1.14	23.78	<=30	Pass
			39	22.90	1.14	24.04	<=30	Pass
		75	0	22.58	1.14	23.72	<=30	Pass
			0	23.88	1.14	25.02	<=30	Pass
			38	23.86	1.14	25.00	<=30	Pass
	1732.5	1	74	23.55	1.14	24.69	<=30	Pass
			0	23.55	1.14	24.69	<=30	Pass
			0	23.55	1.14	24.69	<=30	Pass

16QAM	1747.5	36	0	22.74	1.14	23.88	<=30	Pass
			18	22.85	1.14	23.99	<=30	Pass
			39	22.59	1.14	23.73	<=30	Pass
		75	0	22.83	1.14	23.97	<=30	Pass
		1	0	23.47	1.14	24.61	<=30	Pass
			38	23.47	1.14	24.61	<=30	Pass
			74	23.42	1.14	24.56	<=30	Pass
		36	0	22.44	1.14	23.58	<=30	Pass
			18	22.44	1.14	23.58	<=30	Pass
			39	22.27	1.14	23.41	<=30	Pass
		75	0	22.45	1.14	23.59	<=30	Pass
	1717.5	1	0	23.01	1.14	24.15	<=30	Pass
			38	22.97	1.14	24.11	<=30	Pass
			74	23.50	1.14	24.64	<=30	Pass
		36	0	22.12	1.14	23.26	<=30	Pass
			18	21.91	1.14	23.05	<=30	Pass
			39	22.05	1.14	23.19	<=30	Pass
		75	0	21.73	1.14	22.87	<=30	Pass
		1	0	23.00	1.14	24.14	<=30	Pass
			38	22.94	1.14	24.08	<=30	Pass
			74	22.65	1.14	23.79	<=30	Pass
	1732.5	36	0	21.98	1.14	23.12	<=30	Pass
			18	22.01	1.14	23.15	<=30	Pass
			39	21.85	1.14	22.99	<=30	Pass
		75	0	21.99	1.14	23.13	<=30	Pass
		1	0	22.67	1.14	23.81	<=30	Pass
			38	22.66	1.14	23.80	<=30	Pass
			74	22.73	1.14	23.87	<=30	Pass
		36	0	21.52	1.14	22.66	<=30	Pass
			18	21.39	1.14	22.53	<=30	Pass
			39	21.38	1.14	22.52	<=30	Pass
		75	0	21.41	1.14	22.55	<=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	23.23	1.14	24.37	<=30	Pass
			50	23.67	1.14	24.81	<=30	Pass
			99	23.74	1.14	24.88	<=30	Pass
		50	0	22.54	1.14	23.68	<=30	Pass
			25	22.69	1.14	23.83	<=30	Pass
			50	22.97	1.14	24.11	<=30	Pass
		100	0	22.58	1.14	23.72	<=30	Pass
	1732.5	1	0	23.76	1.14	24.90	<=30	Pass
			50	23.76	1.14	24.90	<=30	Pass
			99	23.39	1.14	24.53	<=30	Pass
		50	0	22.53	1.14	23.67	<=30	Pass
			25	22.77	1.14	23.91	<=30	Pass
			50	22.52	1.14	23.66	<=30	Pass
		100	0	22.82	1.14	23.96	<=30	Pass
	1745	1	0	23.56	1.14	24.70	<=30	Pass

16QAM	1720		50	23.44	1.14	24.58	<=30	Pass
			99	23.41	1.14	24.55	<=30	Pass
		50	0	22.65	1.14	23.79	<=30	Pass
			25	22.46	1.14	23.60	<=30	Pass
			50	22.26	1.14	23.40	<=30	Pass
		100	0	22.45	1.14	23.59	<=30	Pass
		1	0	22.59	1.14	23.73	<=30	Pass
			50	22.74	1.14	23.88	<=30	Pass
			99	22.81	1.14	23.95	<=30	Pass
	1732.5	50	0	21.69	1.14	22.83	<=30	Pass
			25	21.86	1.14	23.00	<=30	Pass
			50	22.12	1.14	23.26	<=30	Pass
		100	0	21.69	1.14	22.83	<=30	Pass
	1745	1	0	22.80	1.14	23.94	<=30	Pass
			50	22.86	1.14	24.00	<=30	Pass
			99	22.50	1.14	23.64	<=30	Pass
		50	0	21.88	1.14	23.02	<=30	Pass
			25	21.93	1.14	23.07	<=30	Pass
			50	21.77	1.14	22.91	<=30	Pass
		100	0	21.91	1.14	23.05	<=30	Pass
		1	0	22.86	1.14	24.00	<=30	Pass
			50	22.80	1.14	23.94	<=30	Pass
			99	22.75	1.14	23.89	<=30	Pass
		50	0	21.60	1.14	22.74	<=30	Pass
			25	21.61	1.14	22.75	<=30	Pass
			50	21.47	1.14	22.61	<=30	Pass
		100	0	21.52	1.14	22.66	<=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	18.597	0.0107	-2.5 to 2.5	Pass
					NV	19.426	0.0112	-2.5 to 2.5	Pass
					HV	19.655	0.0113	-2.5 to 2.5	Pass
				-30	NV	19.598	0.0113	-2.5 to 2.5	Pass
				-20	NV	18.497	0.0107	-2.5 to 2.5	Pass
				-10	NV	17.924	0.0103	-2.5 to 2.5	Pass
				0	NV	18.139	0.0105	-2.5 to 2.5	Pass
				10	NV	18.511	0.0107	-2.5 to 2.5	Pass
				30	NV	18.168	0.0105	-2.5 to 2.5	Pass
				40	NV	17.810	0.0103	-2.5 to 2.5	Pass
				50	NV	19.655	0.0113	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

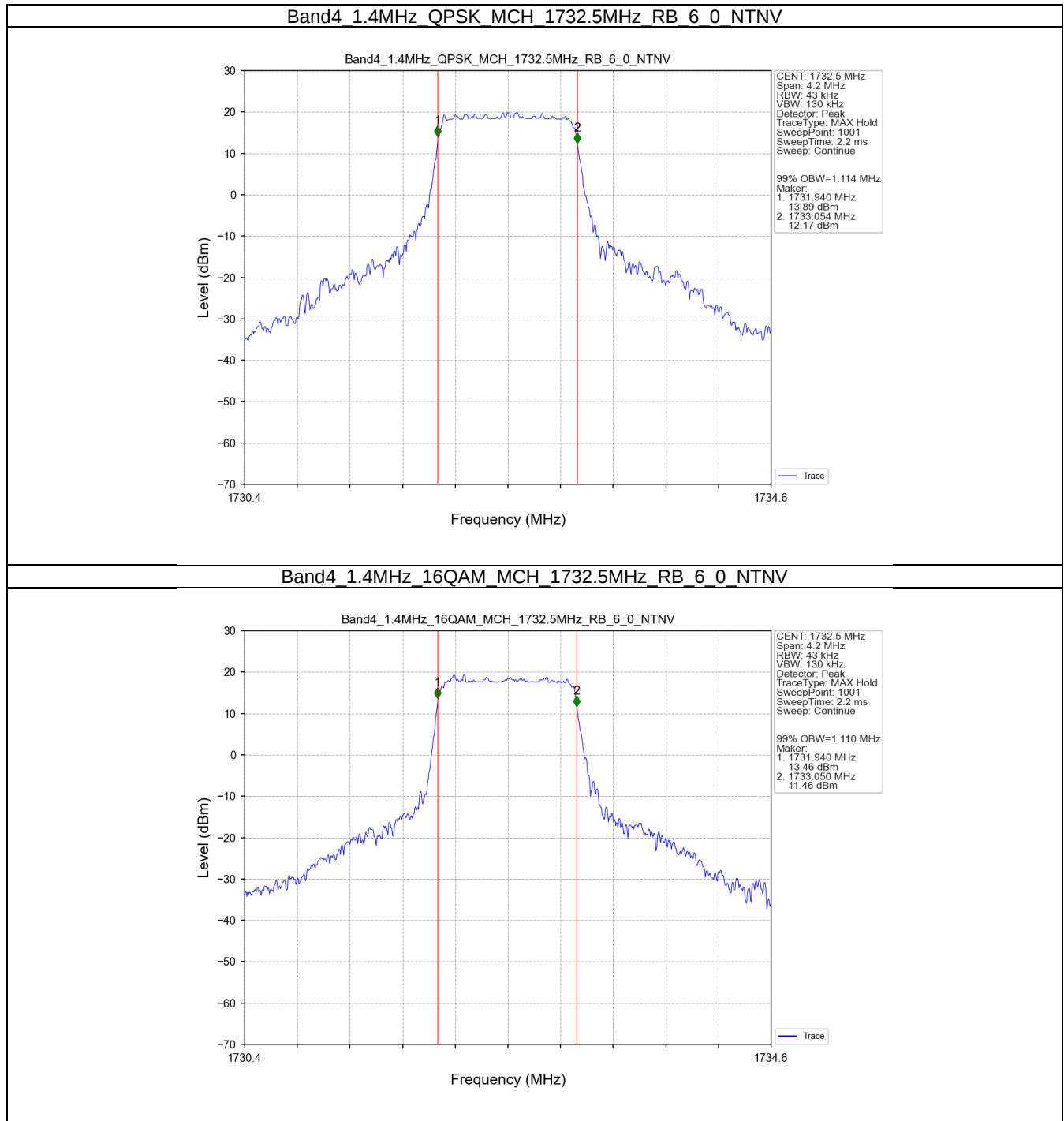
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.114	/	Pass
	16QAM	1732.5	6	0	1.110	/	Pass
3	QPSK	1732.5	15	0	2.760	/	Pass
	16QAM	1732.5	15	0	2.772	/	Pass
5	QPSK	1732.5	25	0	4.593	/	Pass
	16QAM	1732.5	25	0	4.587	/	Pass
10	QPSK	1732.5	50	0	9.084	/	Pass
	16QAM	1732.5	50	0	9.087	/	Pass
15	QPSK	1732.5	75	0	13.612	/	Pass
	16QAM	1732.5	75	0	13.604	/	Pass
20	QPSK	1732.5	100	0	18.119	/	Pass
	16QAM	1732.5	100	0	18.183	/	Pass

3.1.2 Band4_XDB

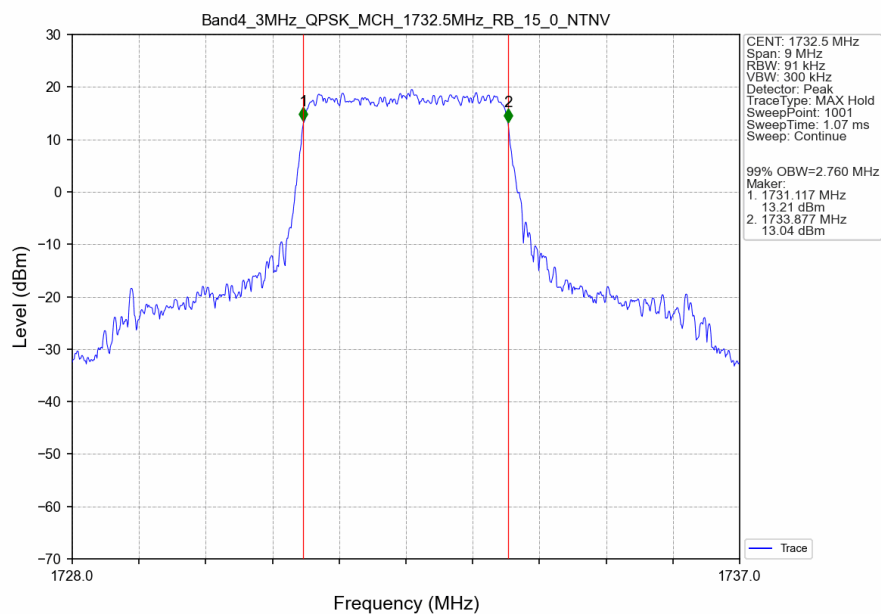
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.362	/	Pass
	16QAM	1732.5	6	0	1.327	/	Pass
3	QPSK	1732.5	15	0	3.176	/	Pass
	16QAM	1732.5	15	0	3.135	/	Pass
5	QPSK	1732.5	25	0	5.547	/	Pass
	16QAM	1732.5	25	0	5.595	/	Pass
10	QPSK	1732.5	50	0	10.147	/	Pass
	16QAM	1732.5	50	0	10.522	/	Pass
15	QPSK	1732.5	75	0	16.111	/	Pass
	16QAM	1732.5	75	0	15.524	/	Pass
20	QPSK	1732.5	100	0	20.002	/	Pass
	16QAM	1732.5	100	0	20.758	/	Pass

3.2 Test Graph

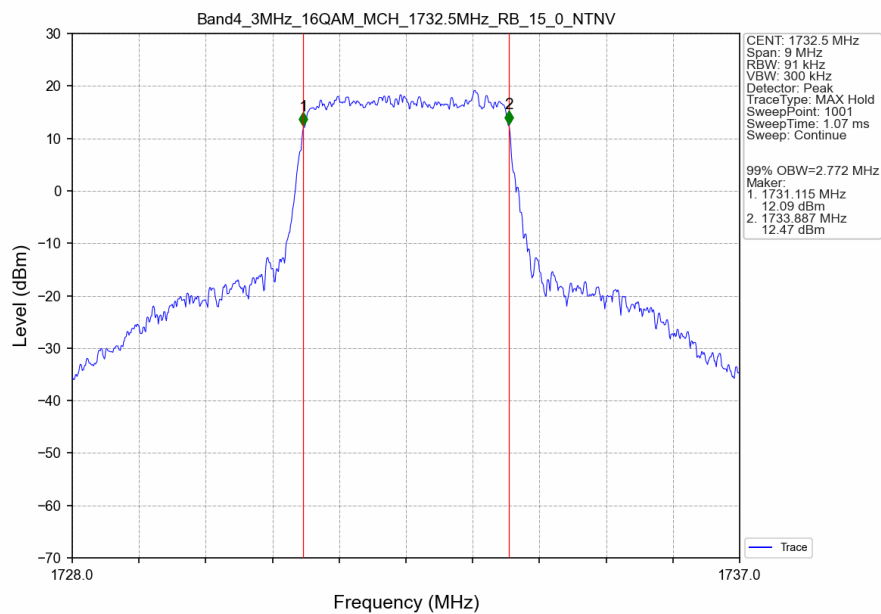
3.2.1 Band4_OBW



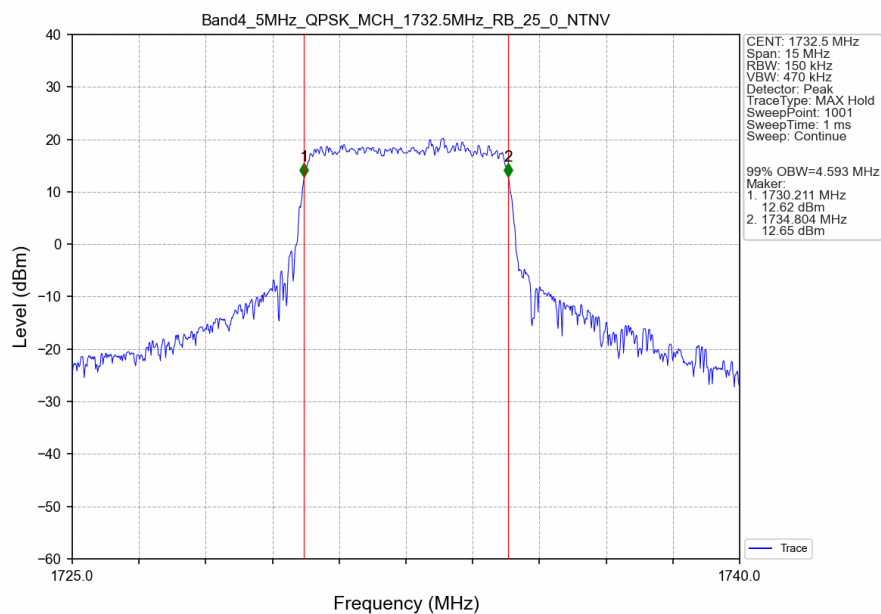
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



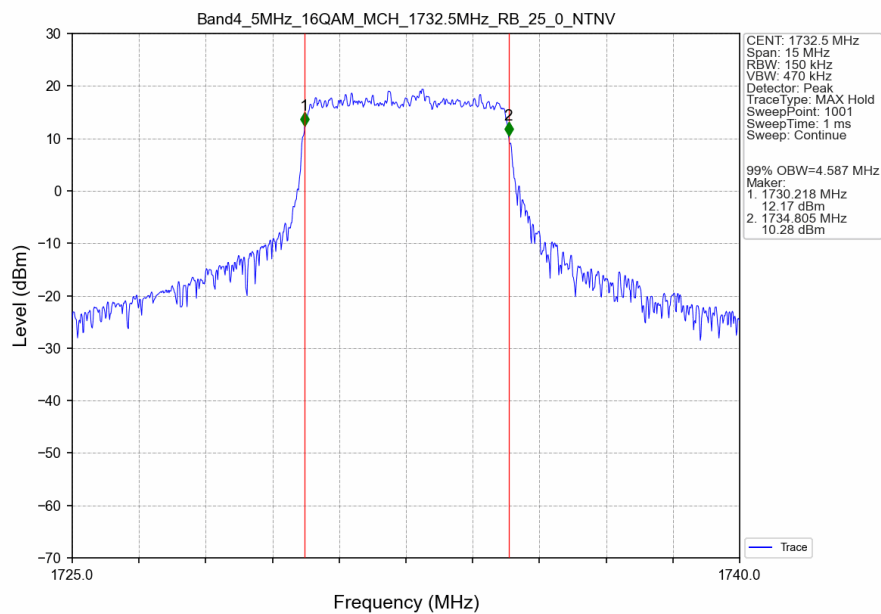
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



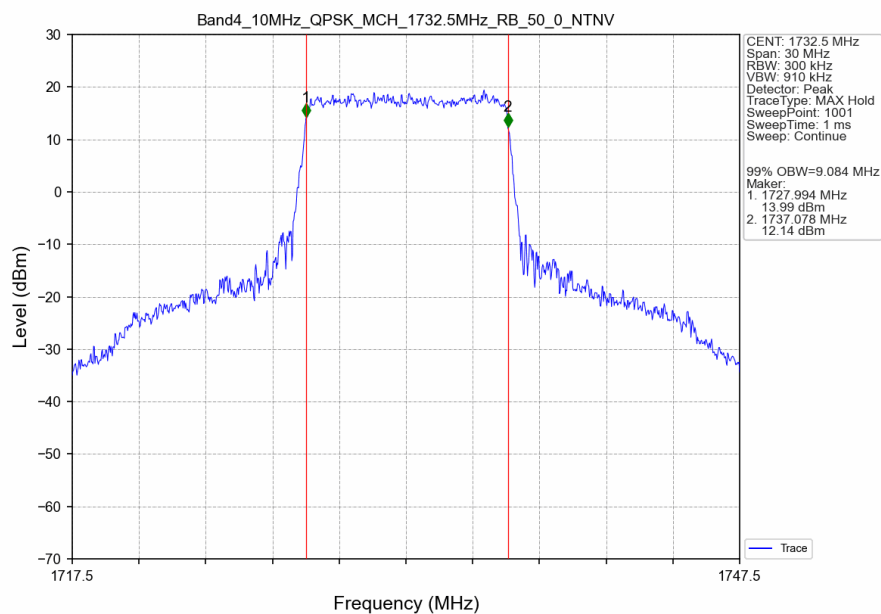
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



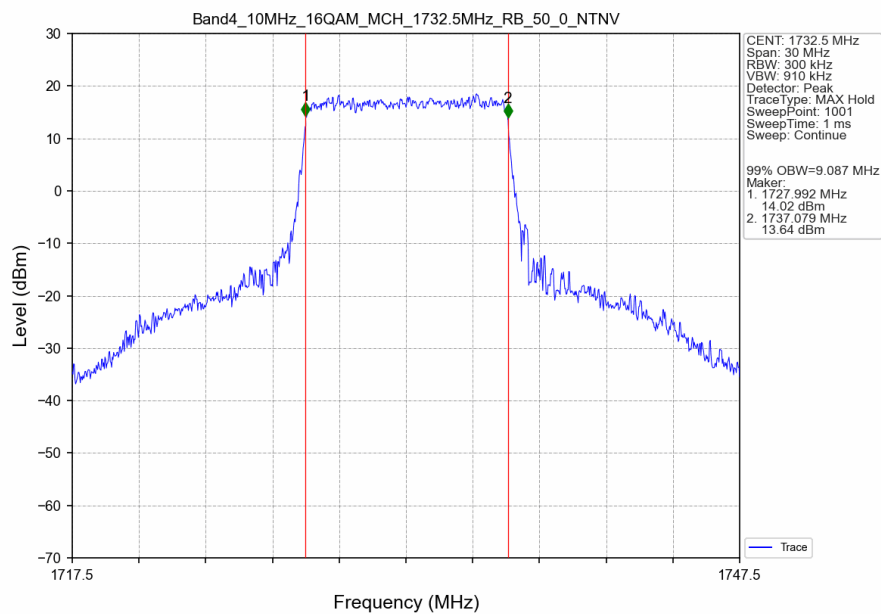
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



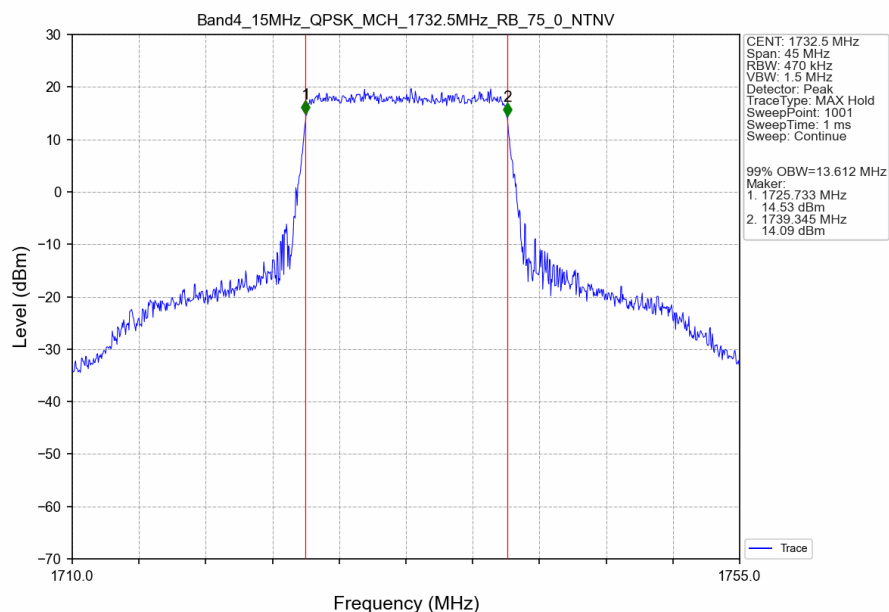
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



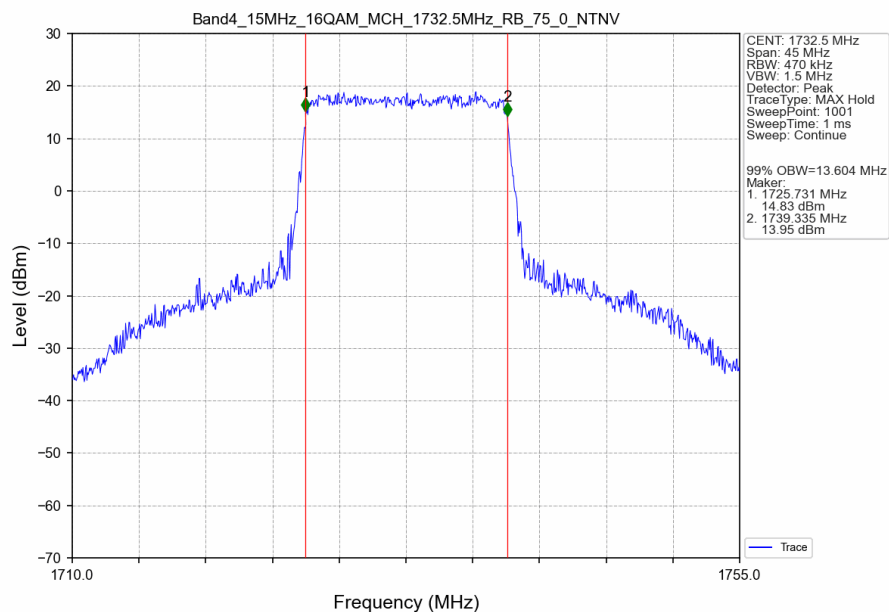
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



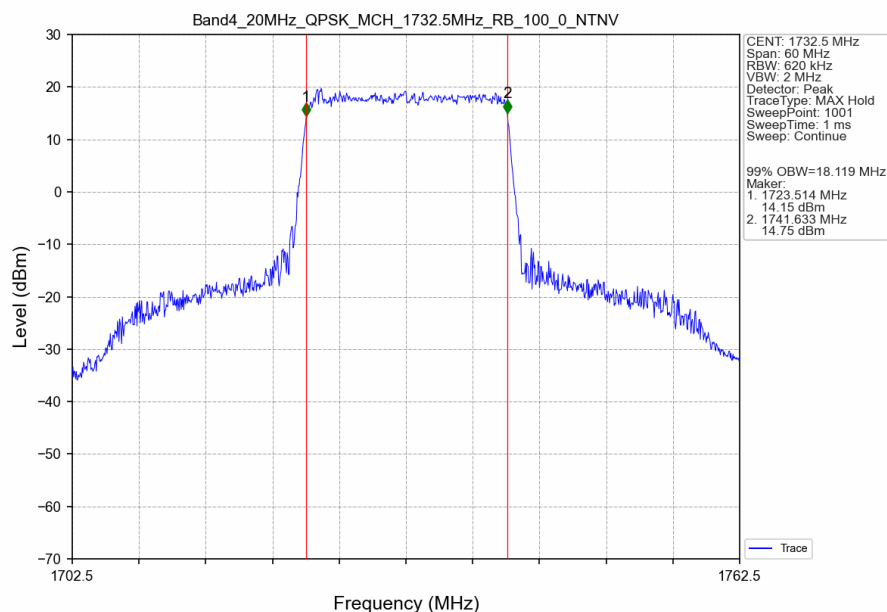
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



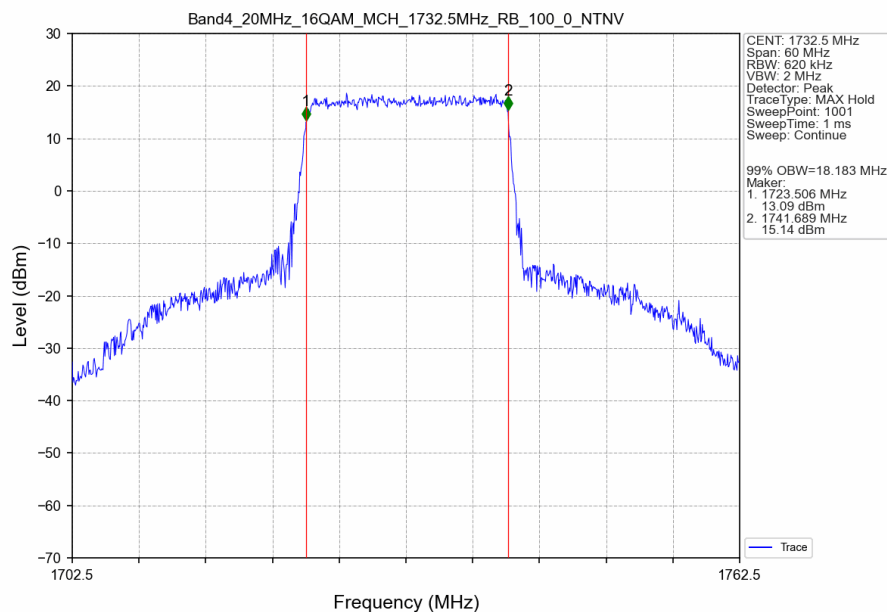
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



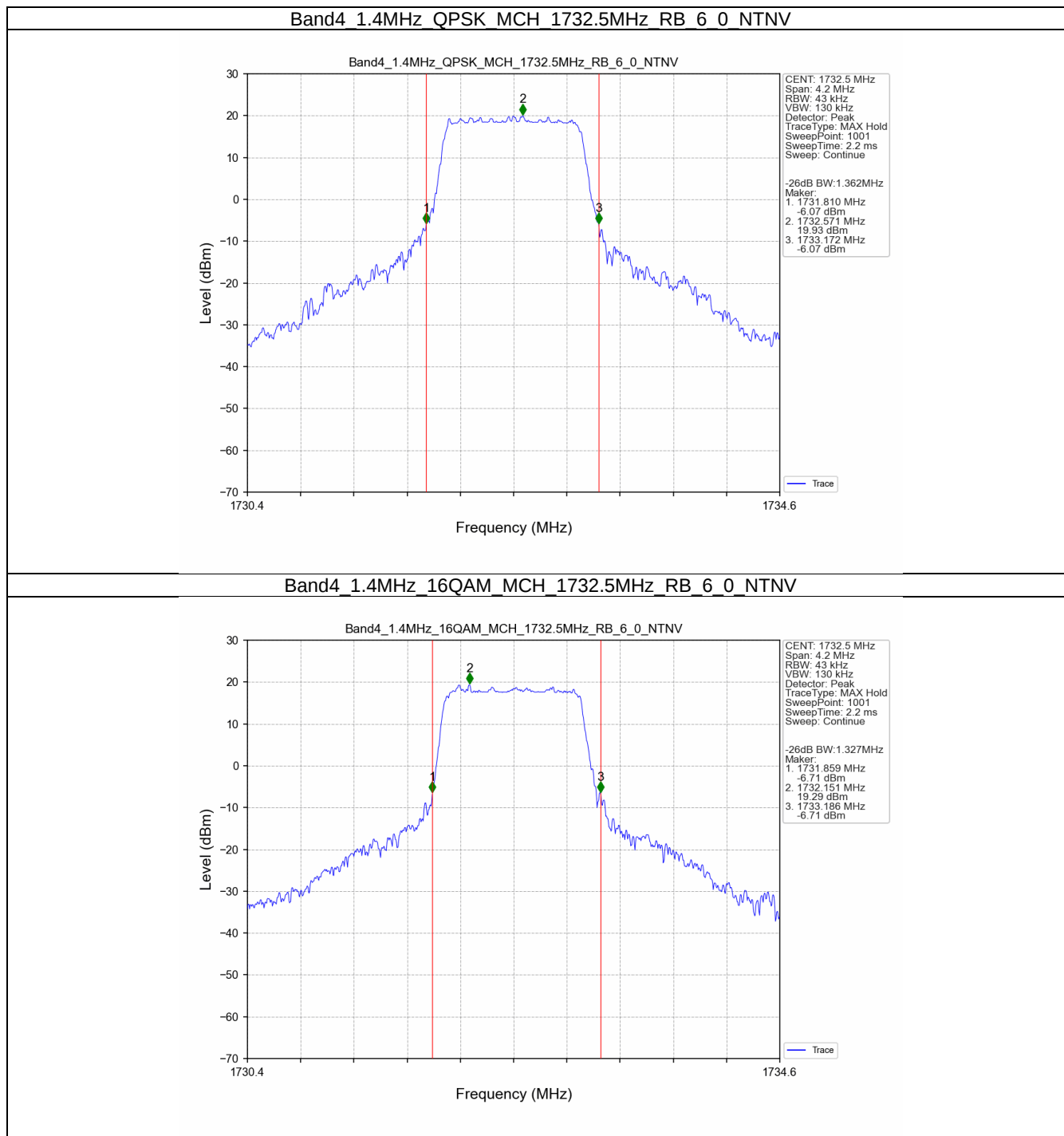
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



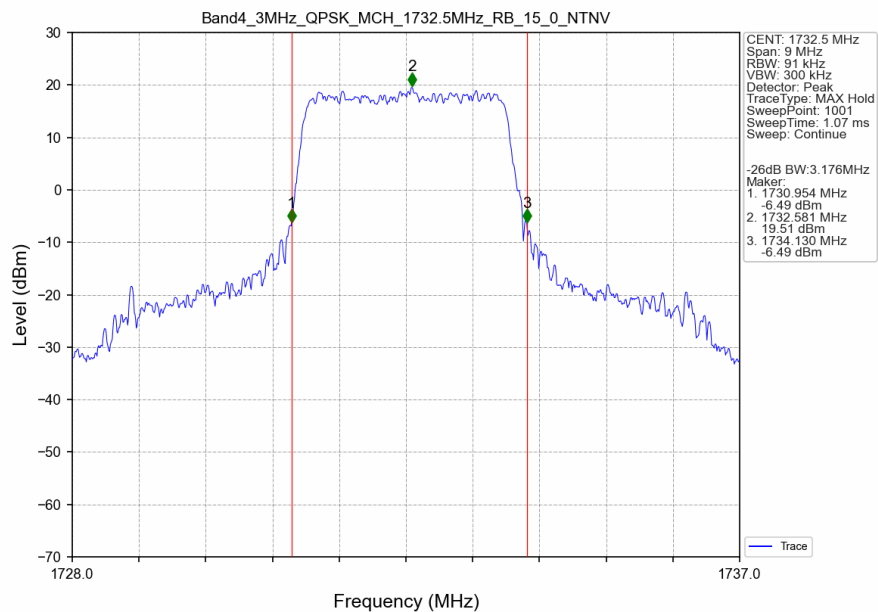
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



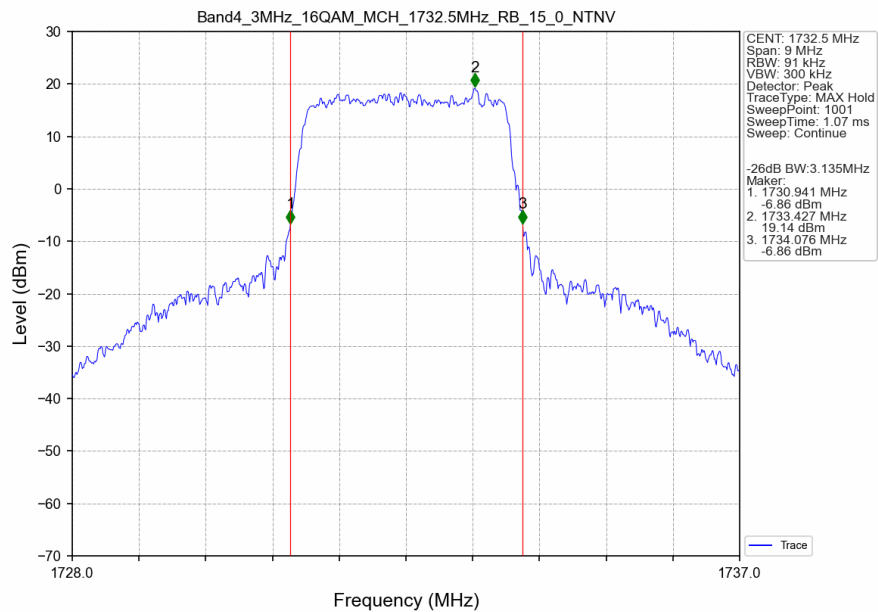
3.2.2 Band4_XDB



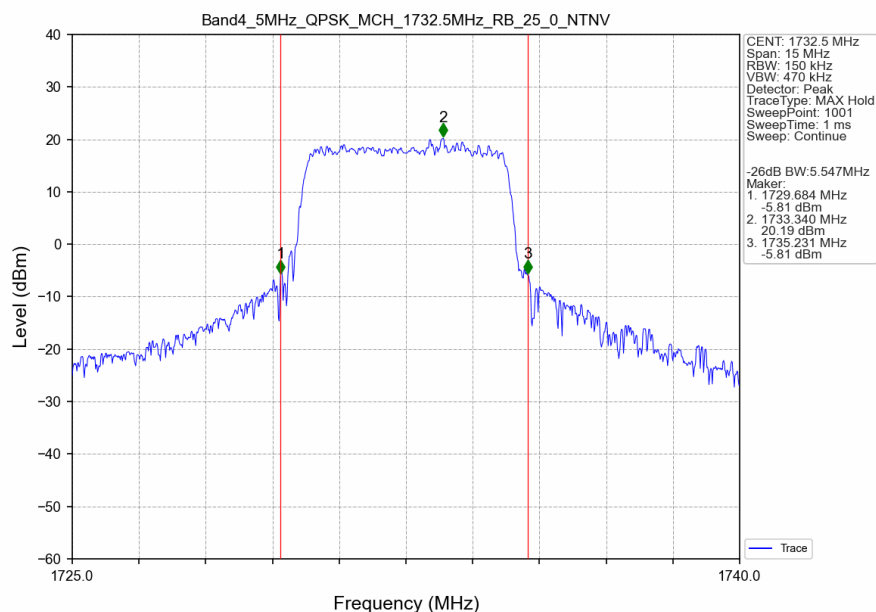
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



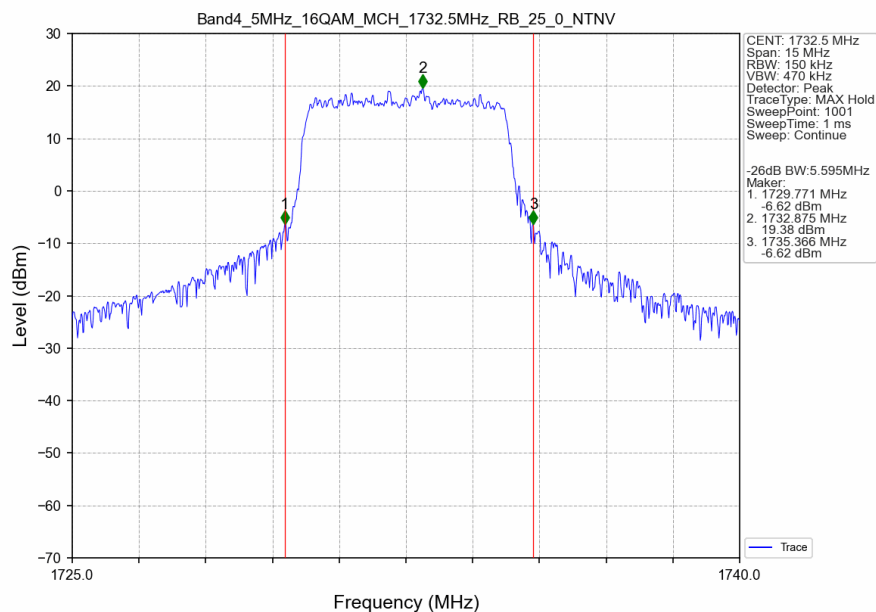
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



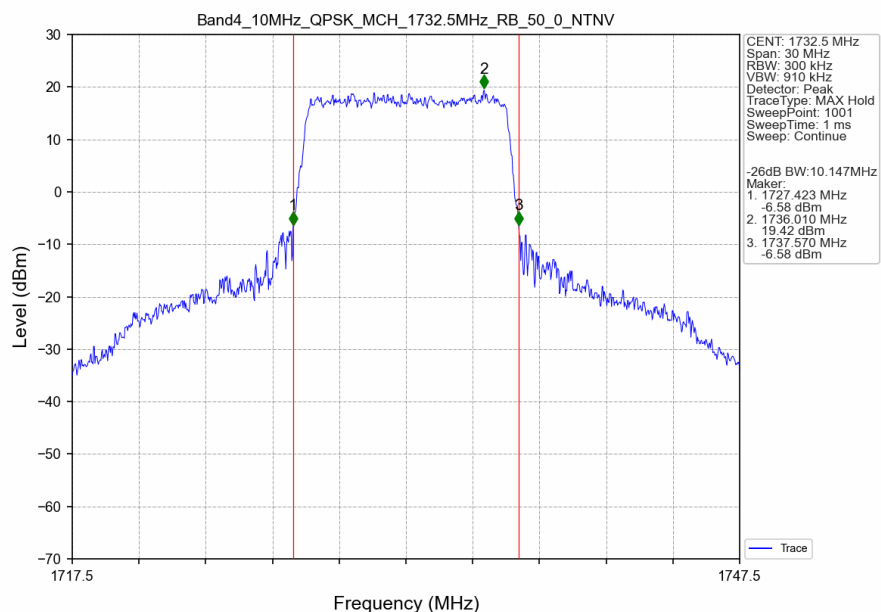
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



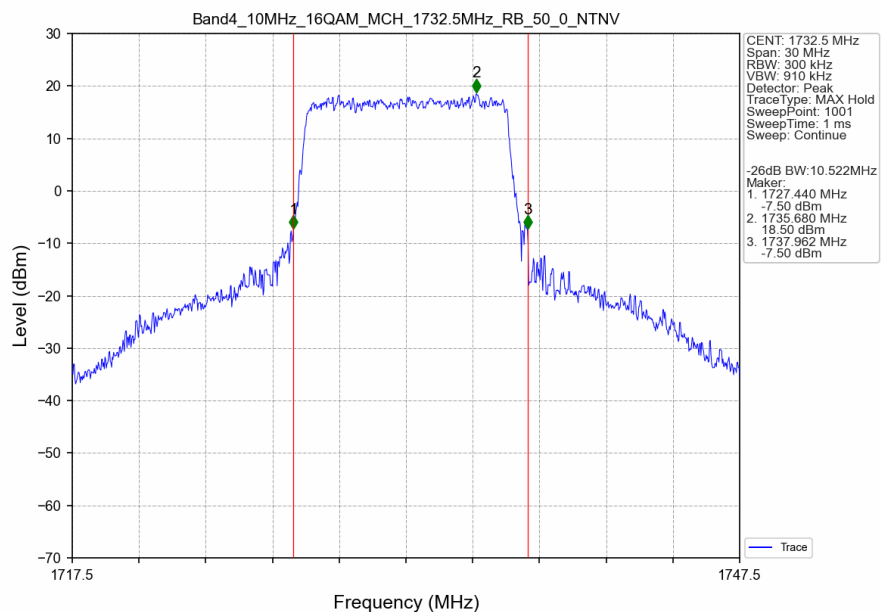
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



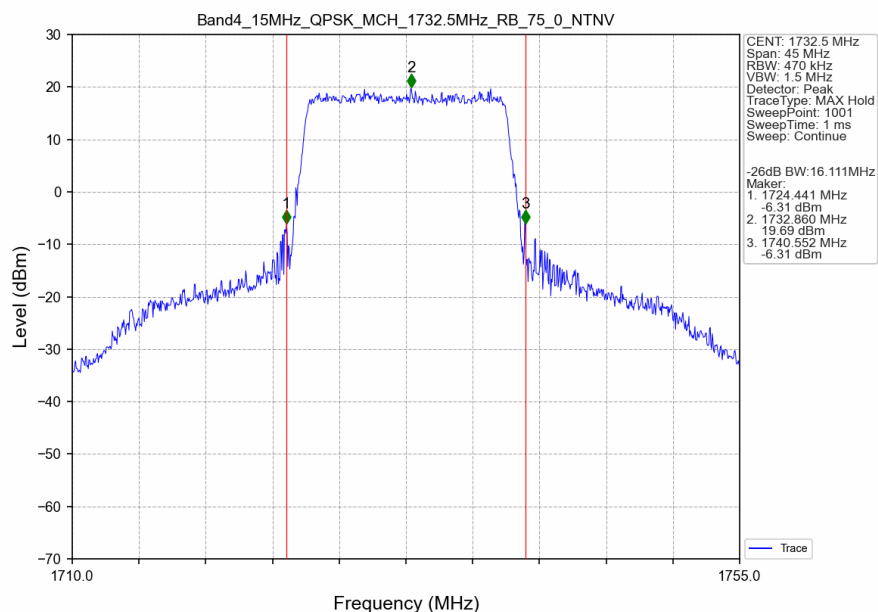
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



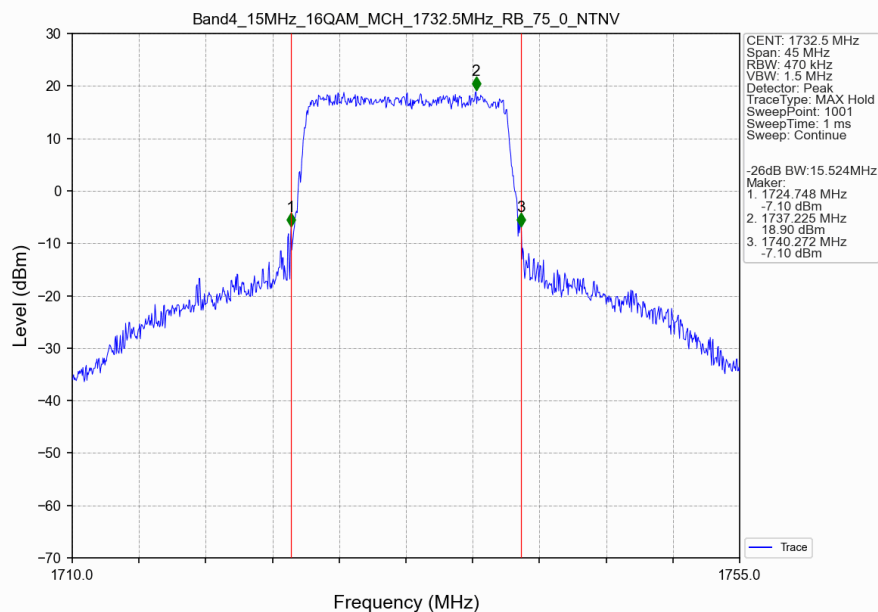
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



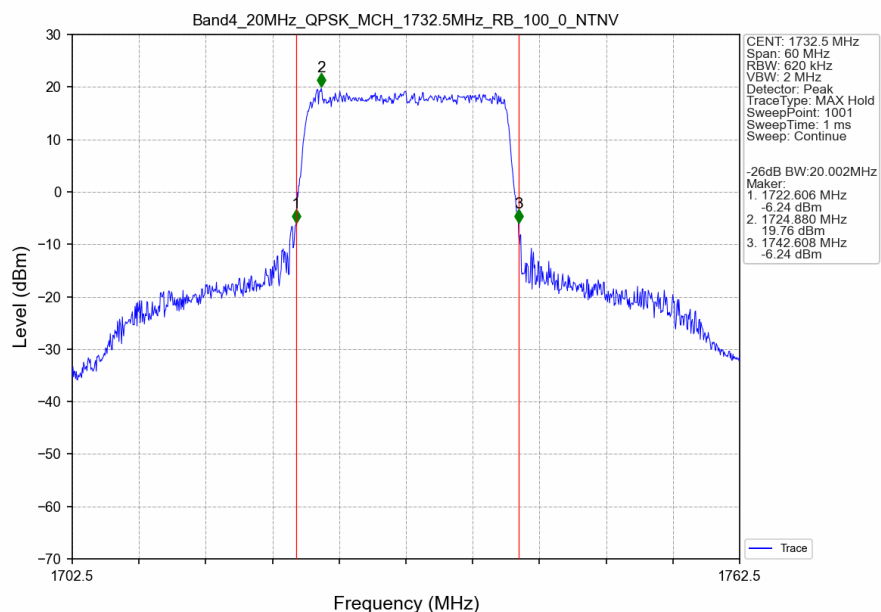
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



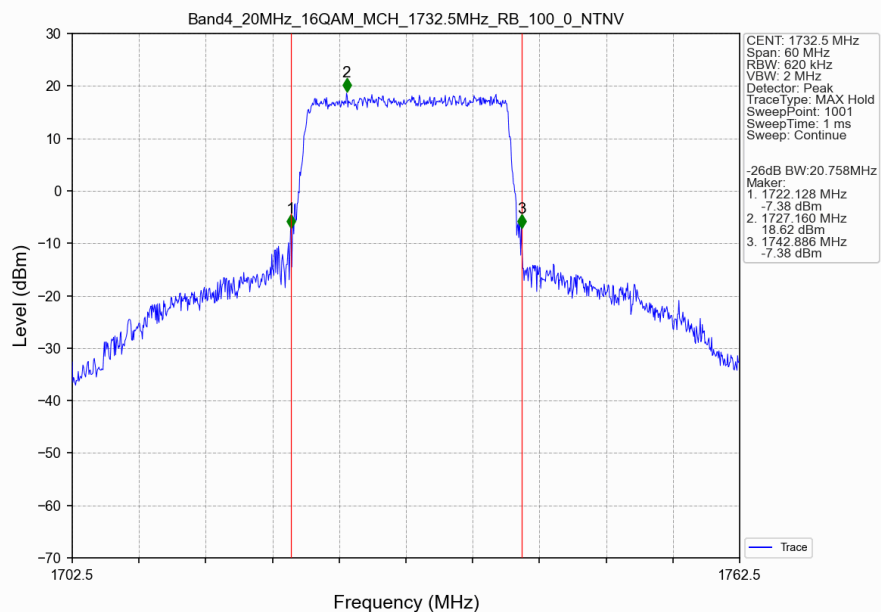
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV





4. Peak-Average Ratio

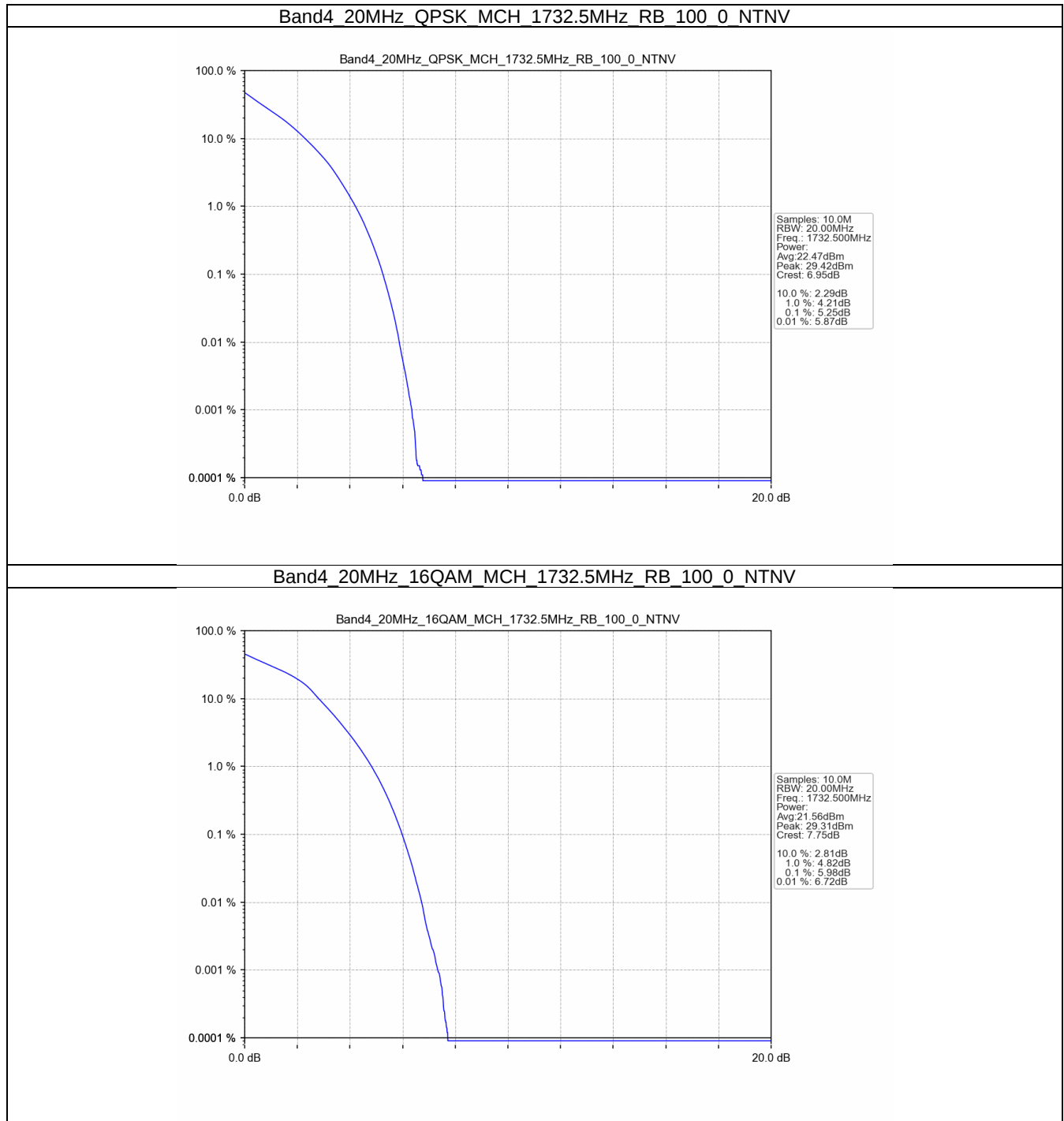
4.1 Test Result

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	5.25	<=13	Pass
16QAM	1732.5	100	0	5.98	<=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 / 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

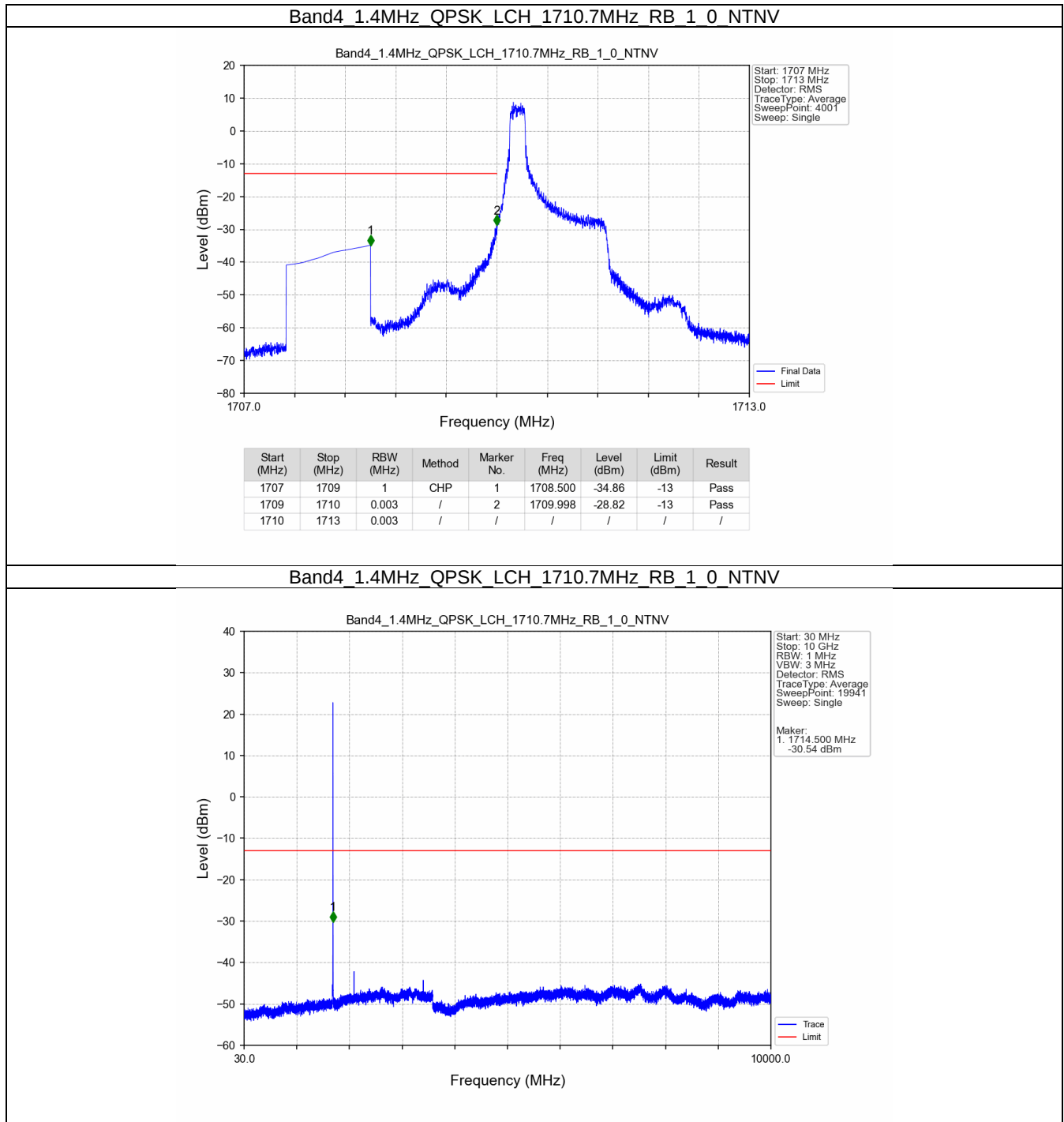
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

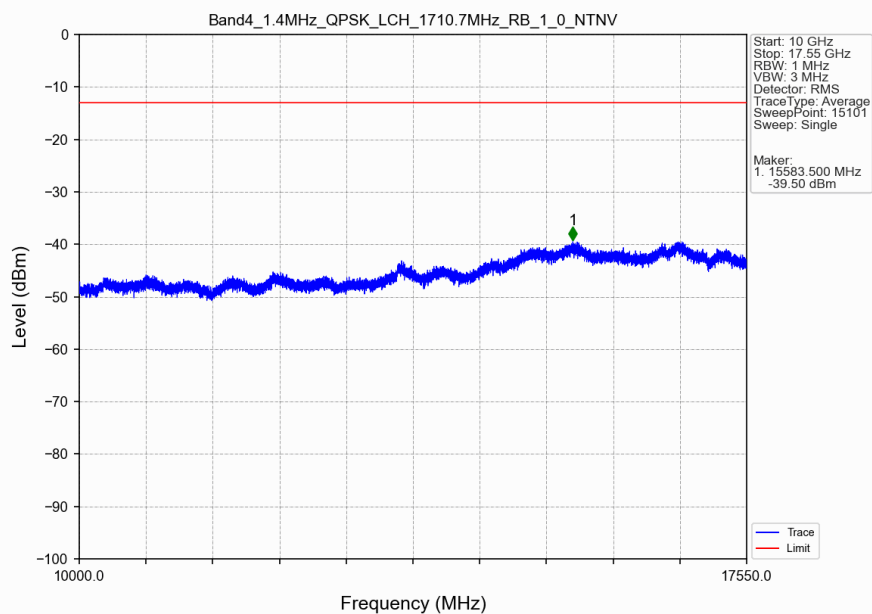
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

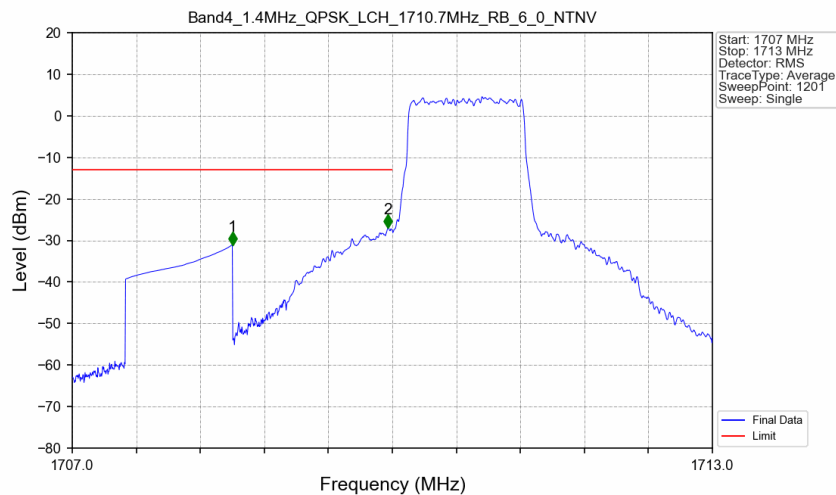
5.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

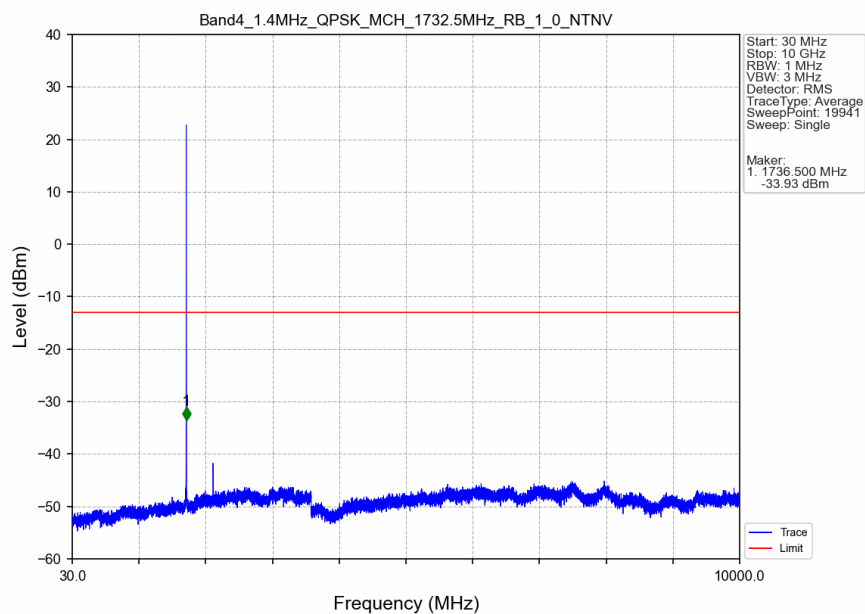


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

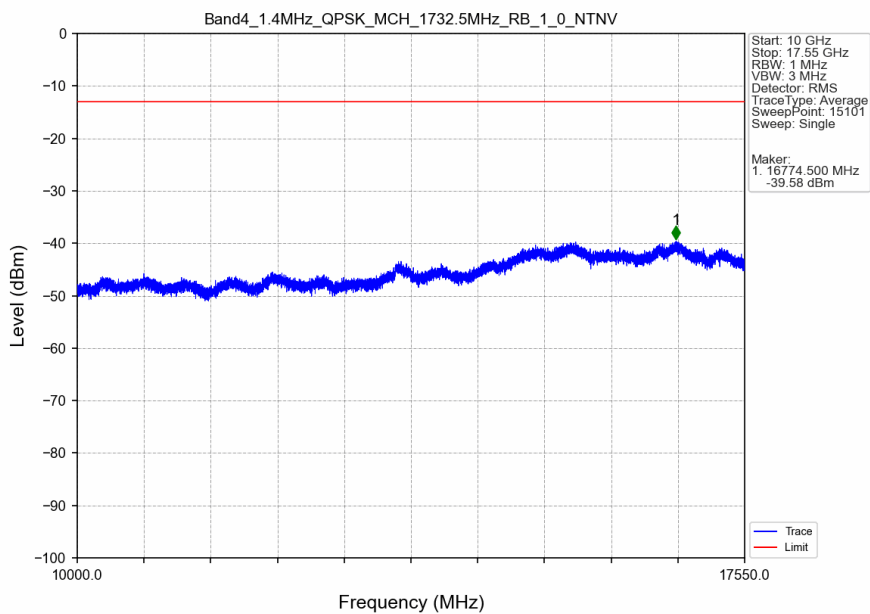


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.07	-13	Pass
1709	1710	0.013	CHP	2	1709.960	-26.96	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

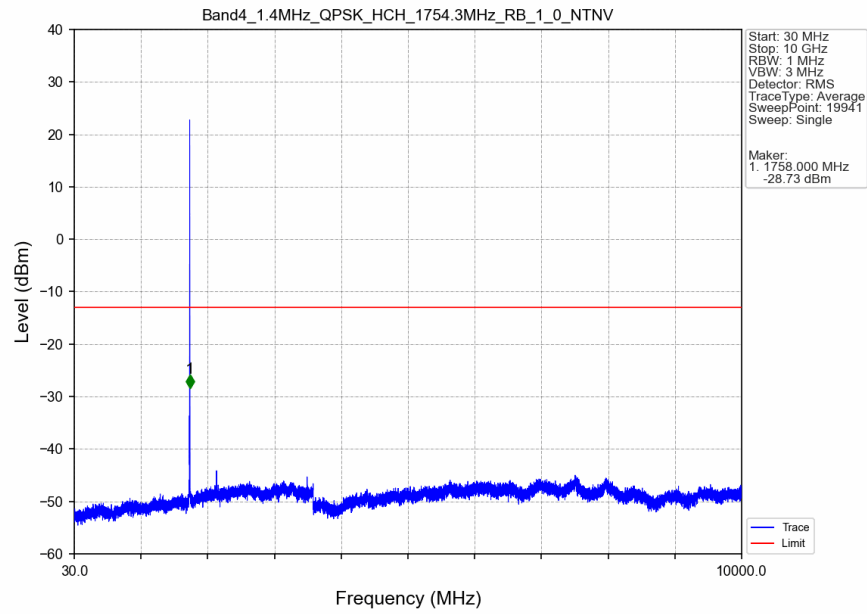
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



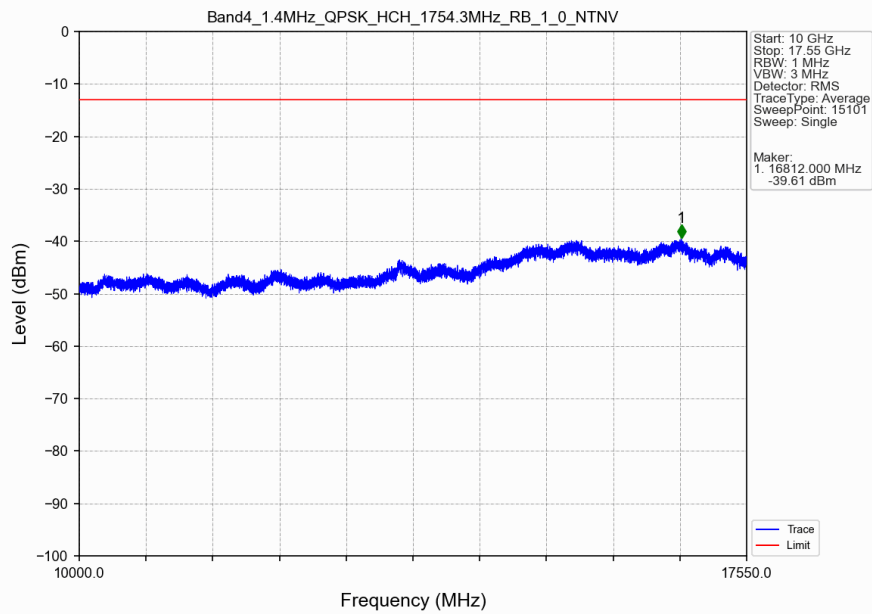
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



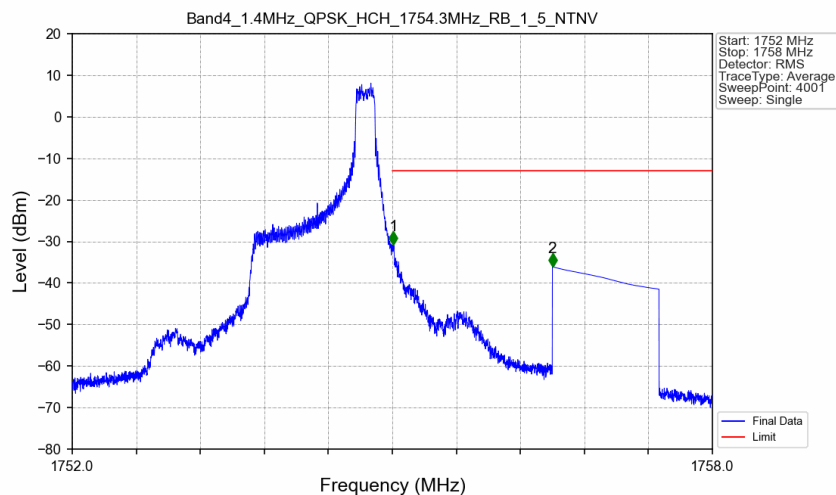
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



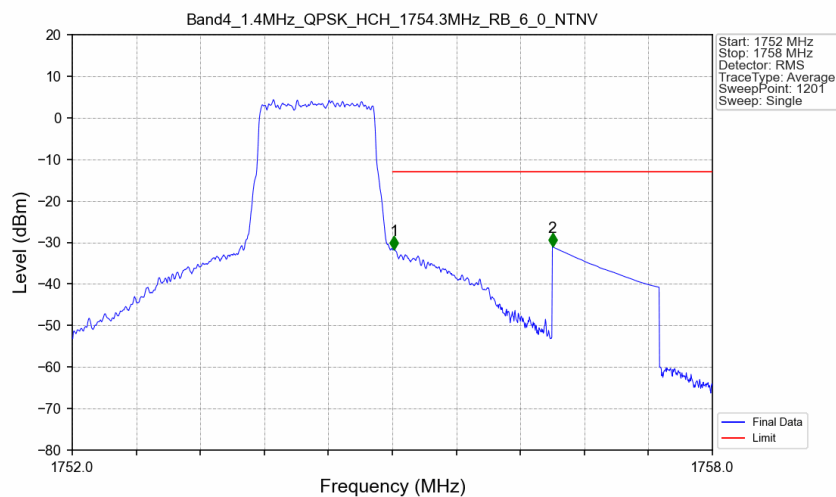
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV

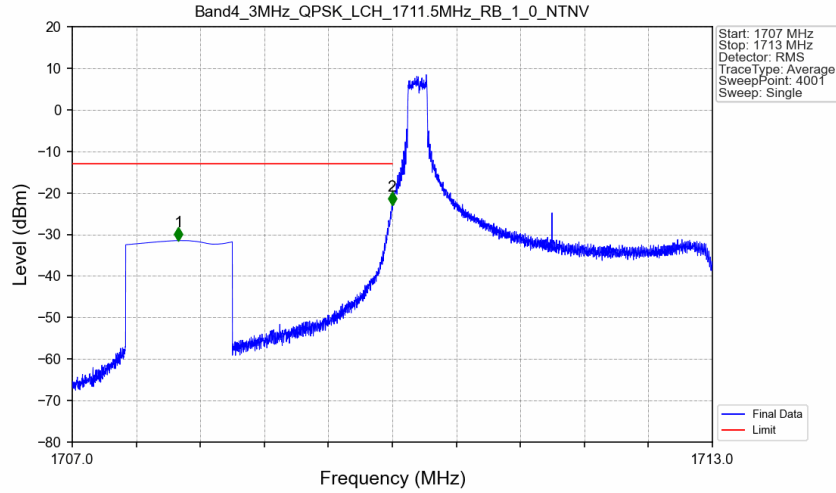


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

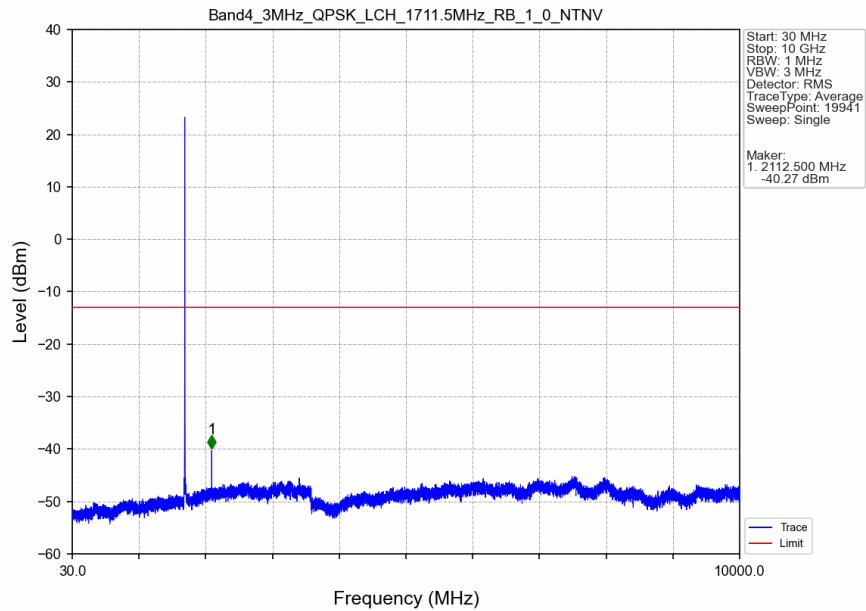


5.2.2 B4_3MHz

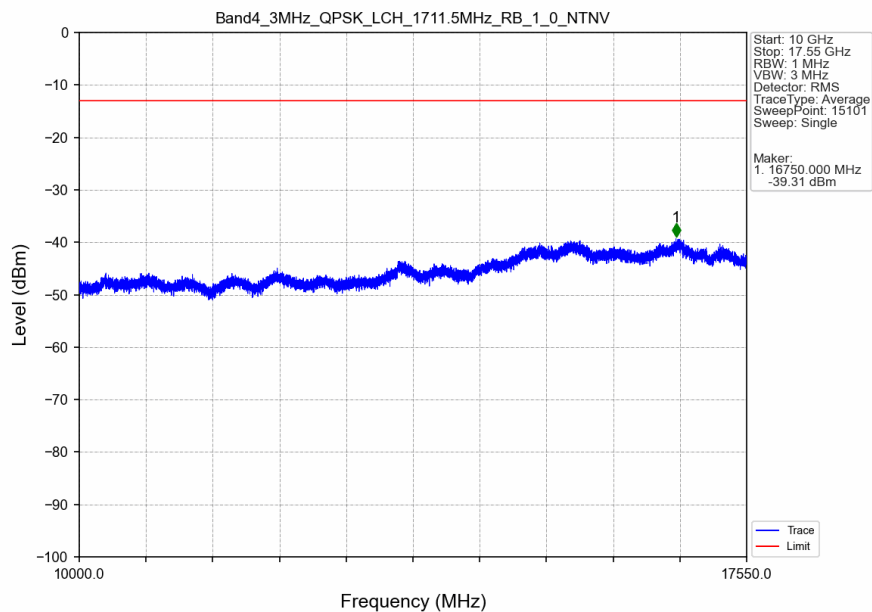
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



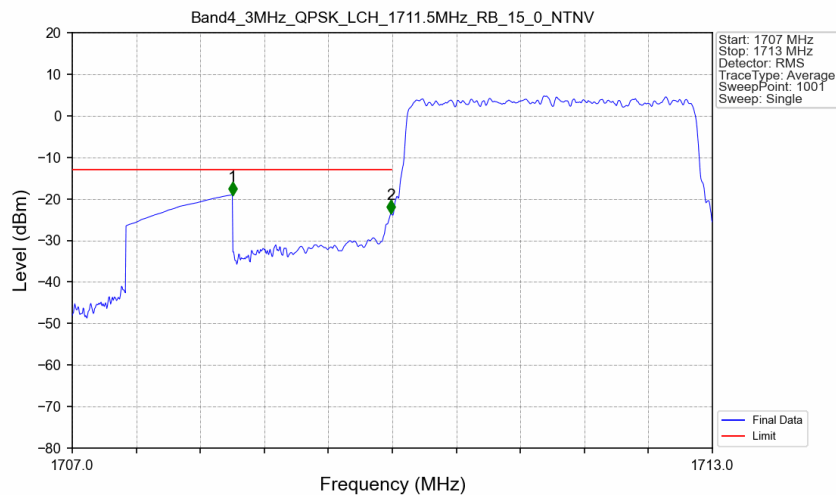
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

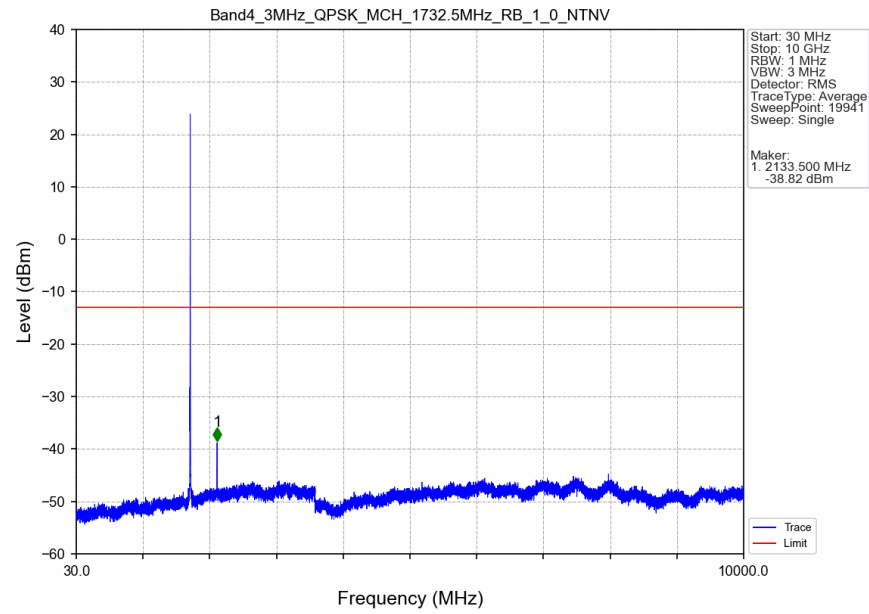


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

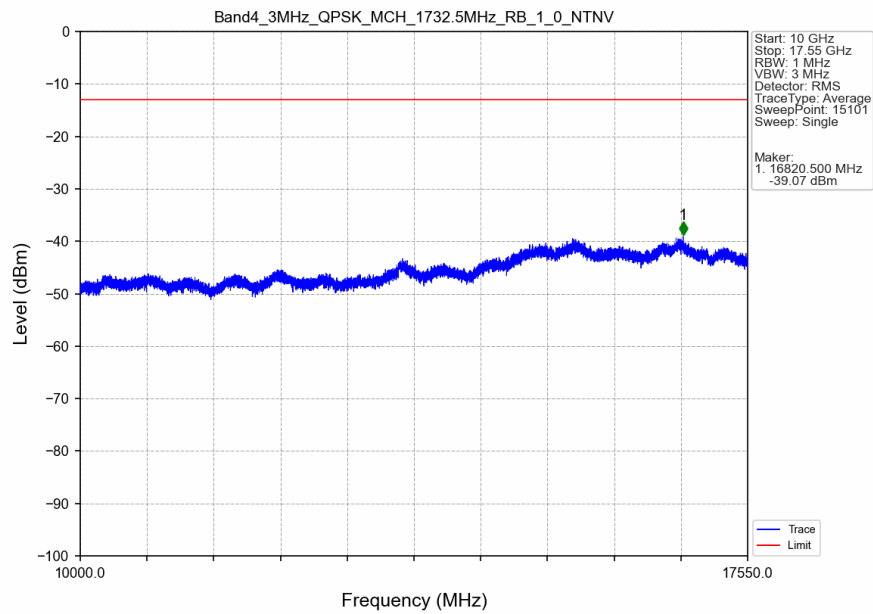


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-19.03	-13	Pass
1709	1710	0.032	CHP	2	1709.988	-23.47	-13	Pass
1710	1713	0.032	CHP	/	/	/	/	/

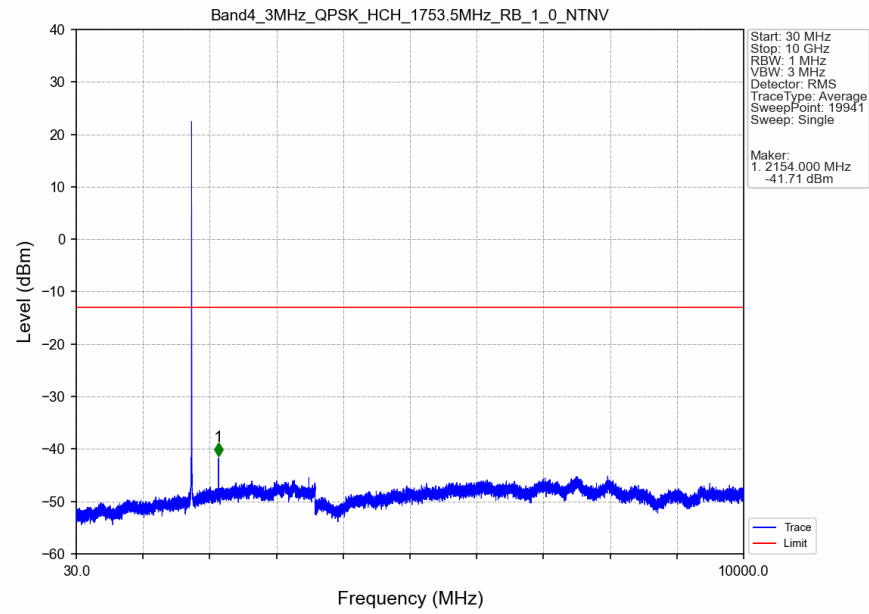
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



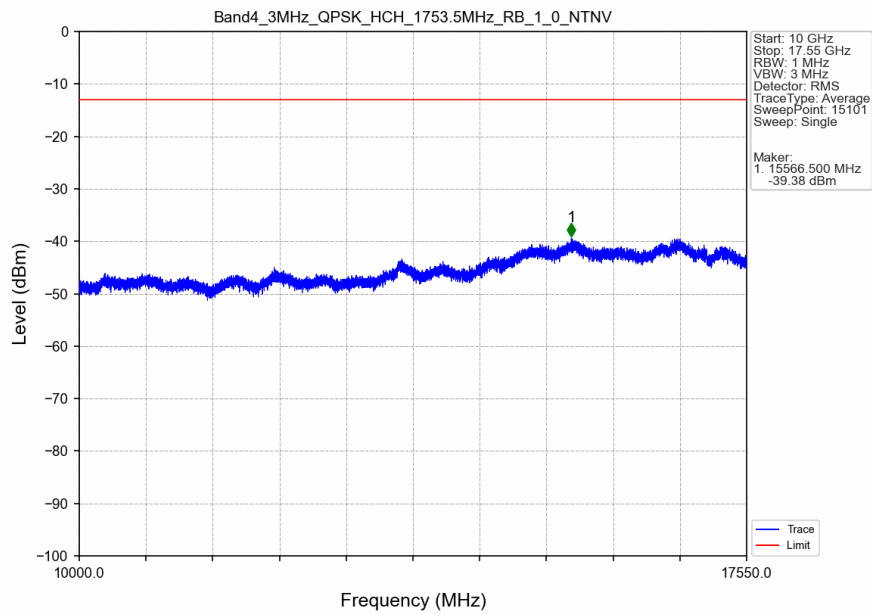
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



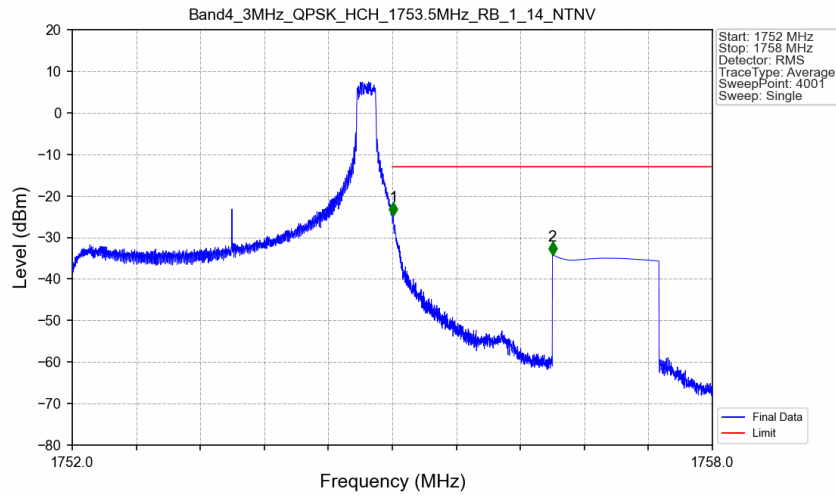
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



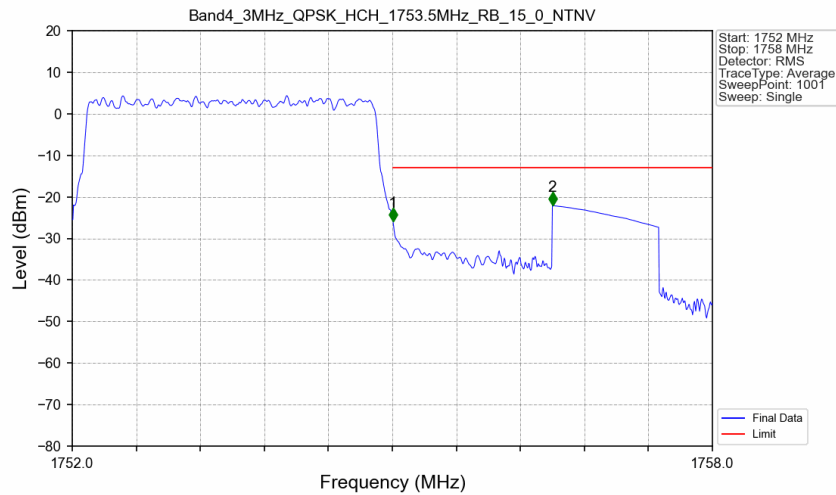
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV

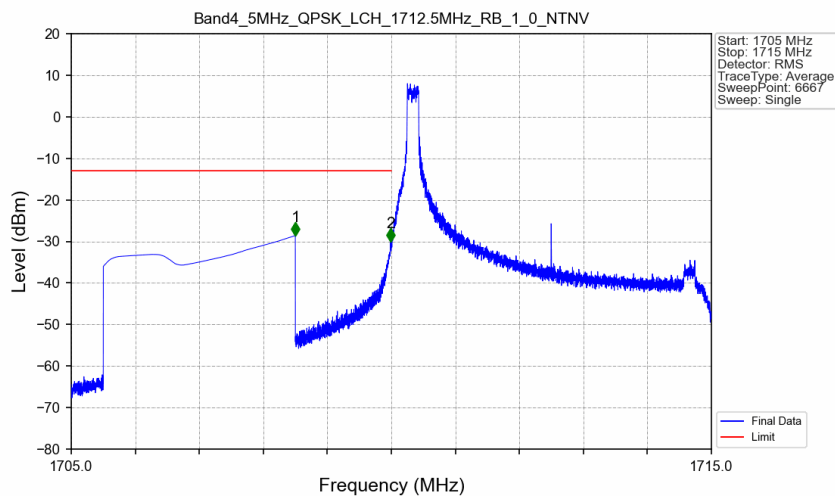


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

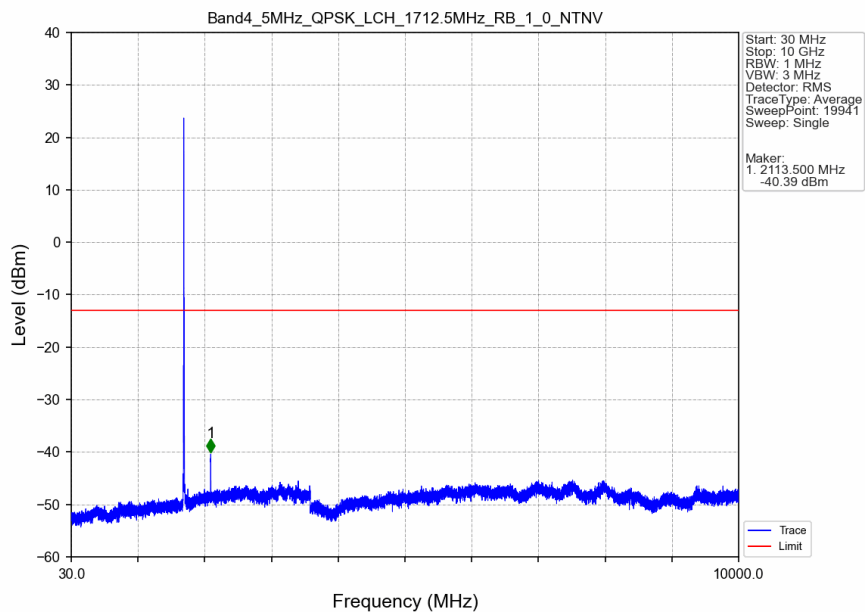


5.2.3 B4_5MHz

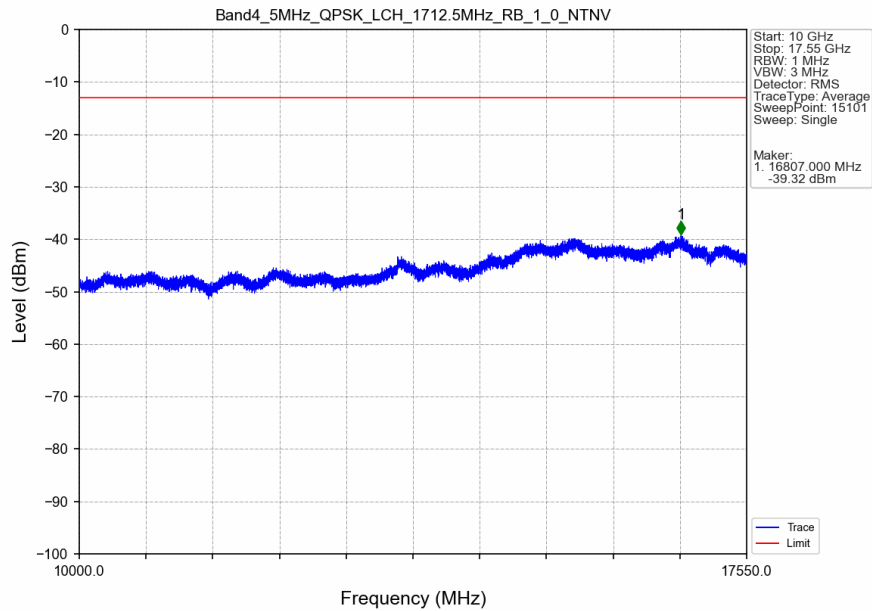
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



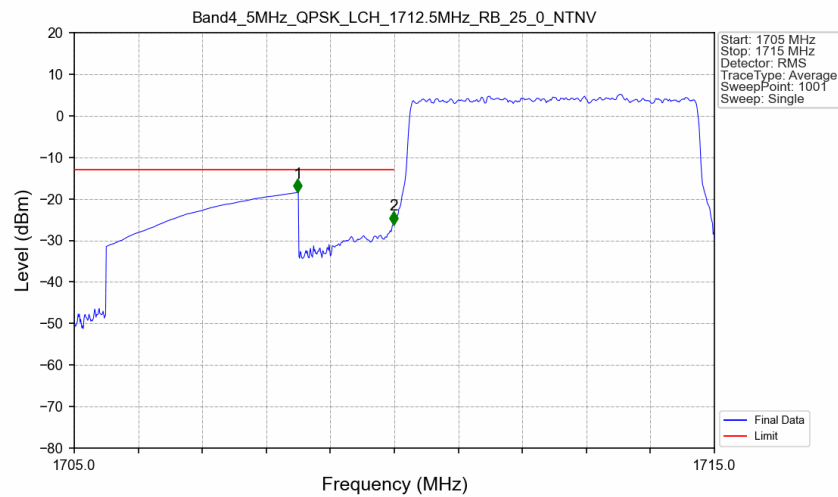
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

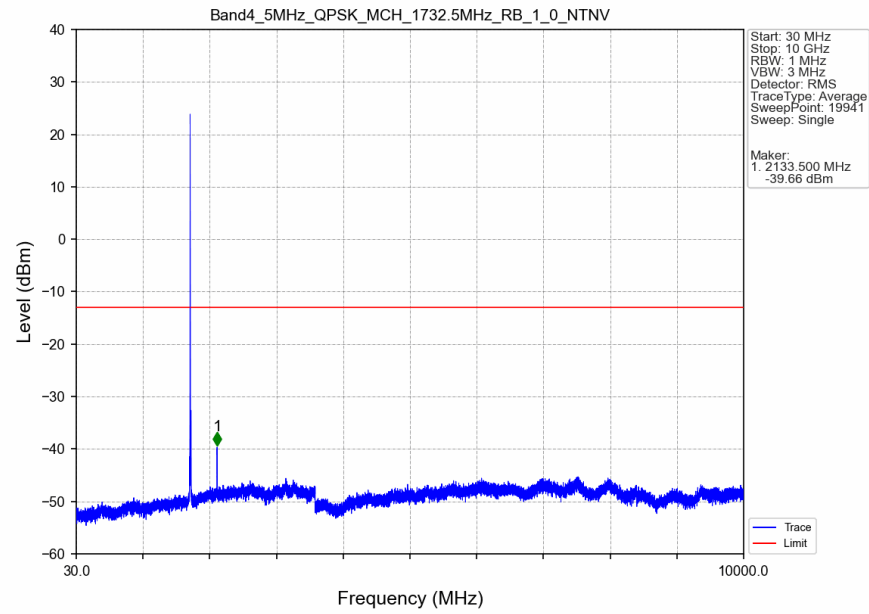


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

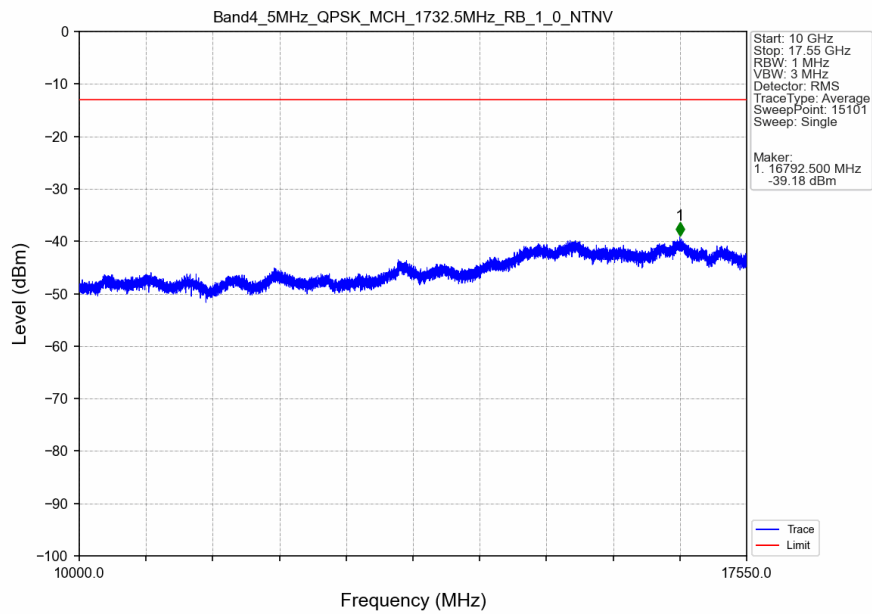


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-18.44	-13	Pass
1709	1710	0.055	CHP	2	1709.990	-26.12	-13	Pass
1710	1715	0.055	CHP	/	/	/	/	/

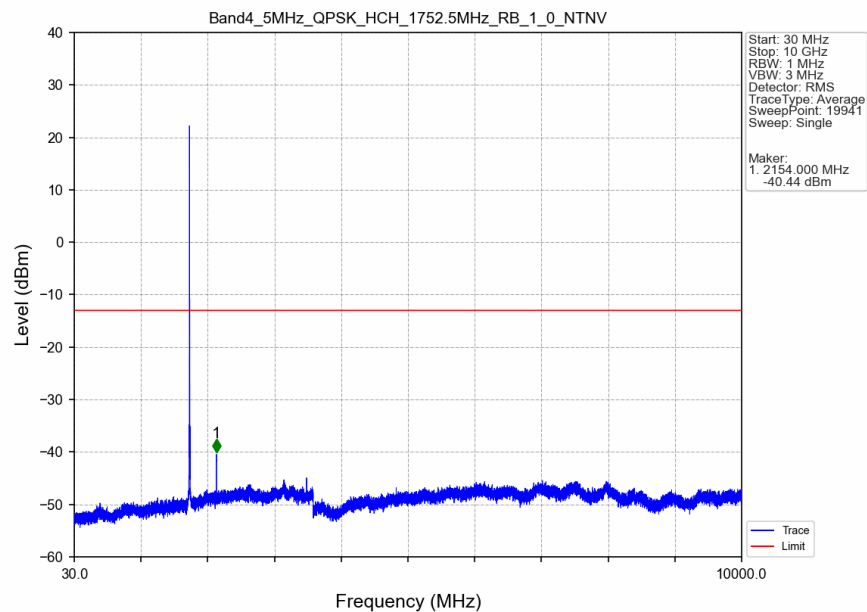
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



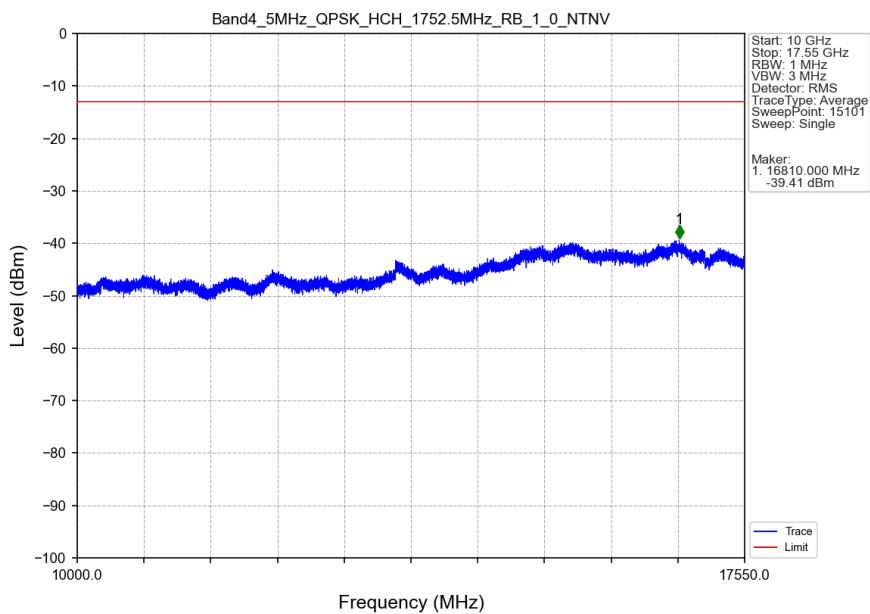
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



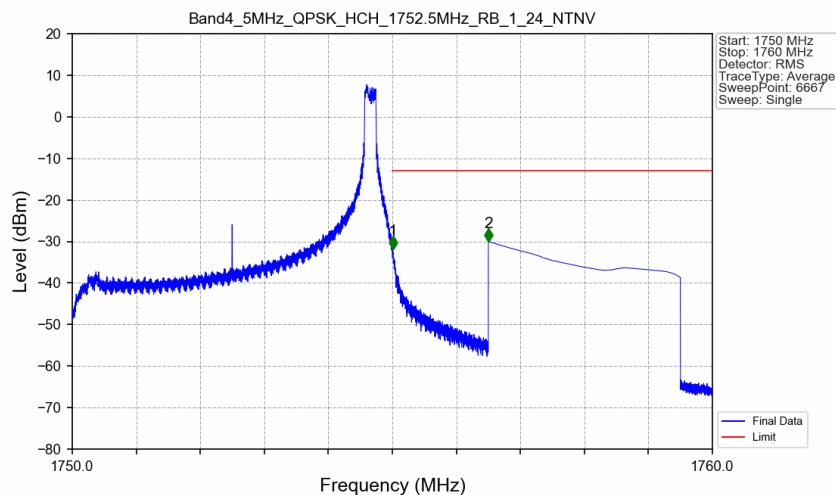
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



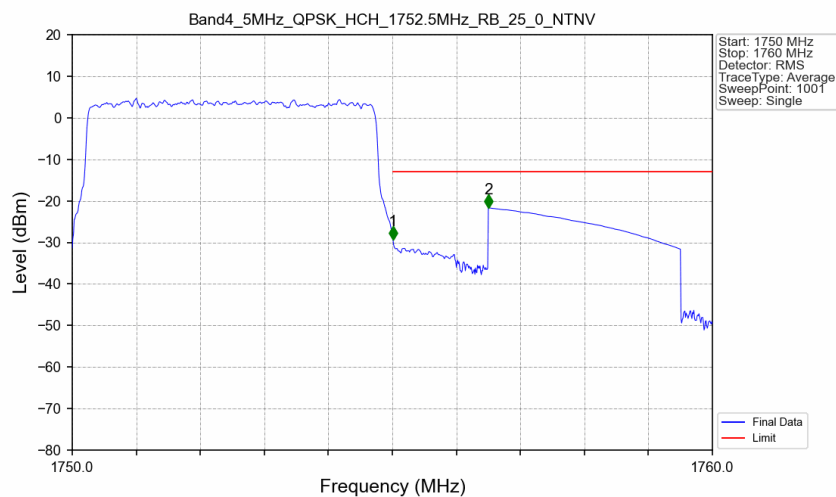
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



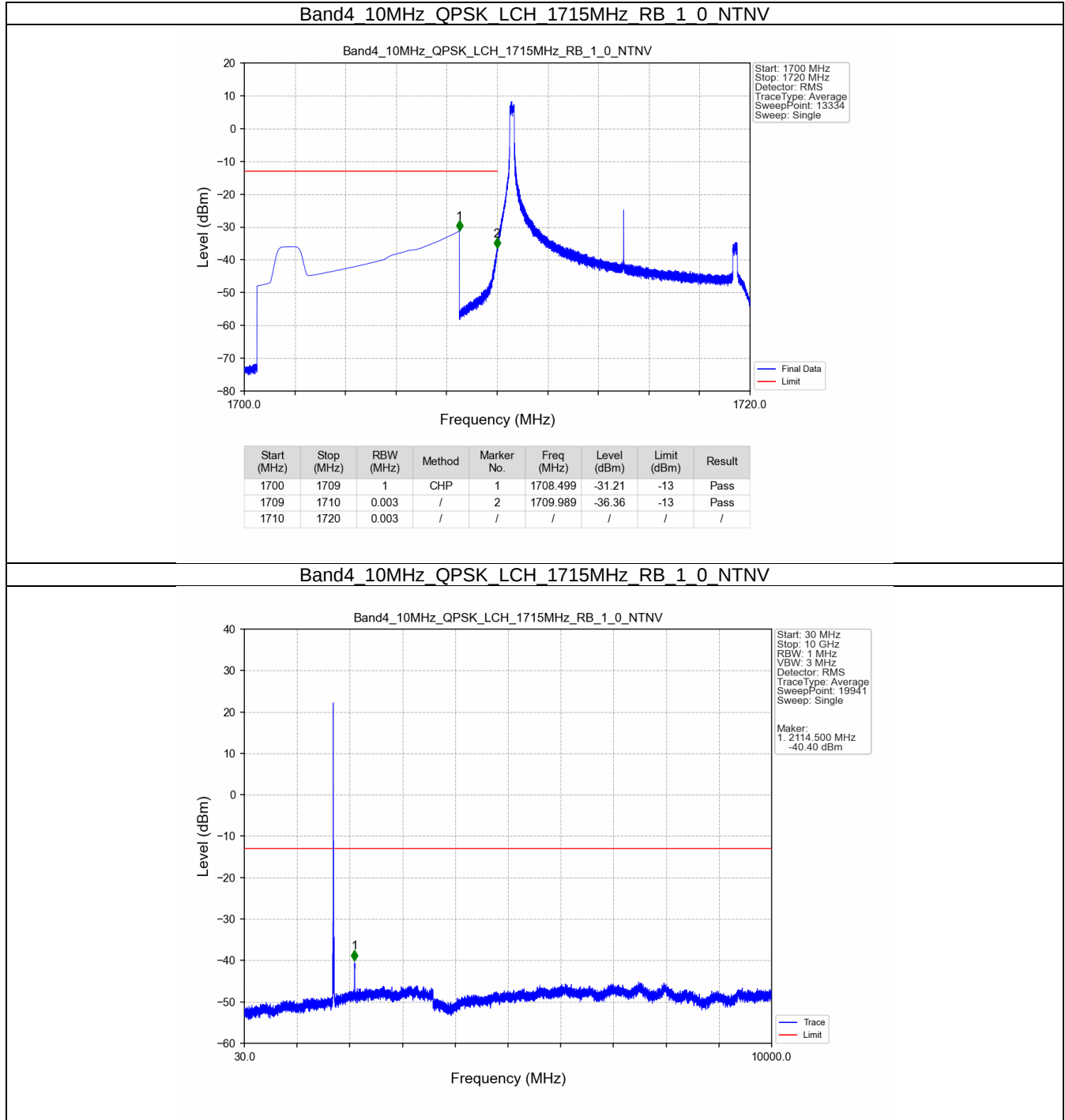
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



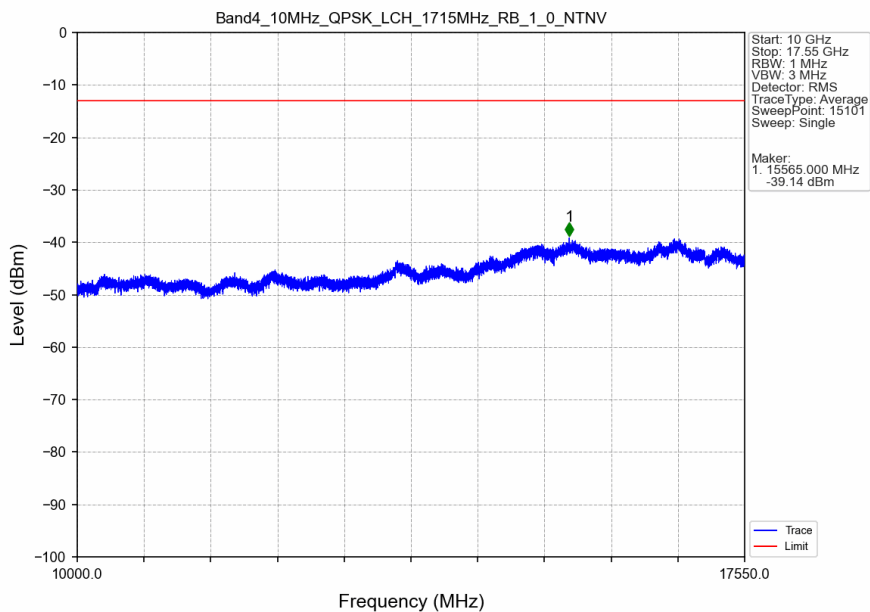
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



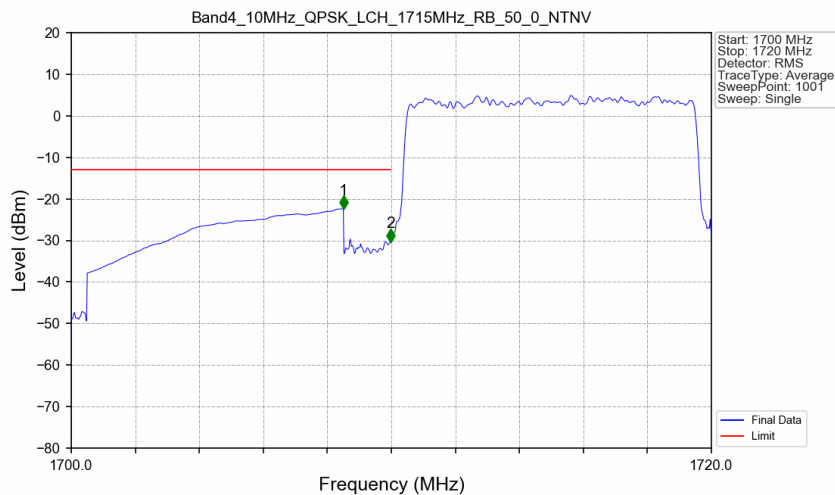
5.2.4 B4_10MHz



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

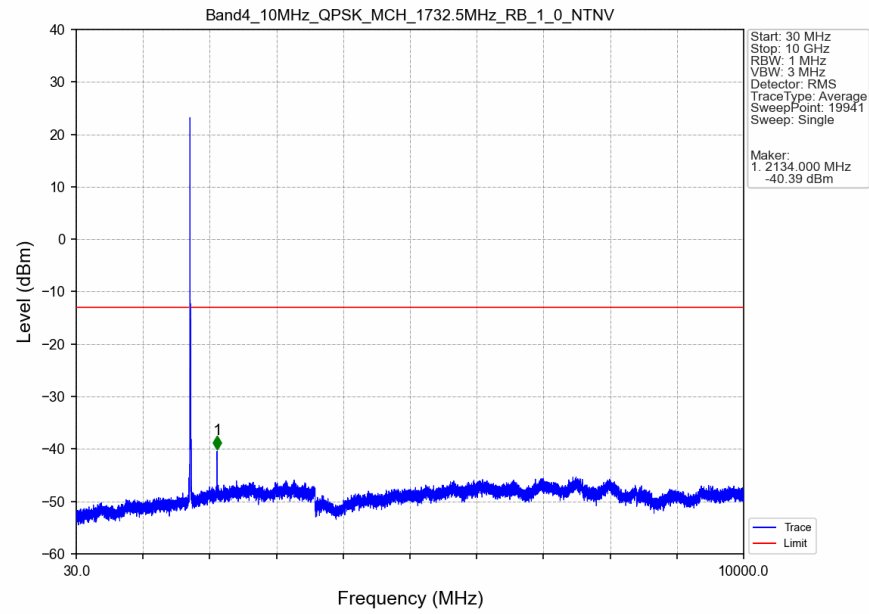


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

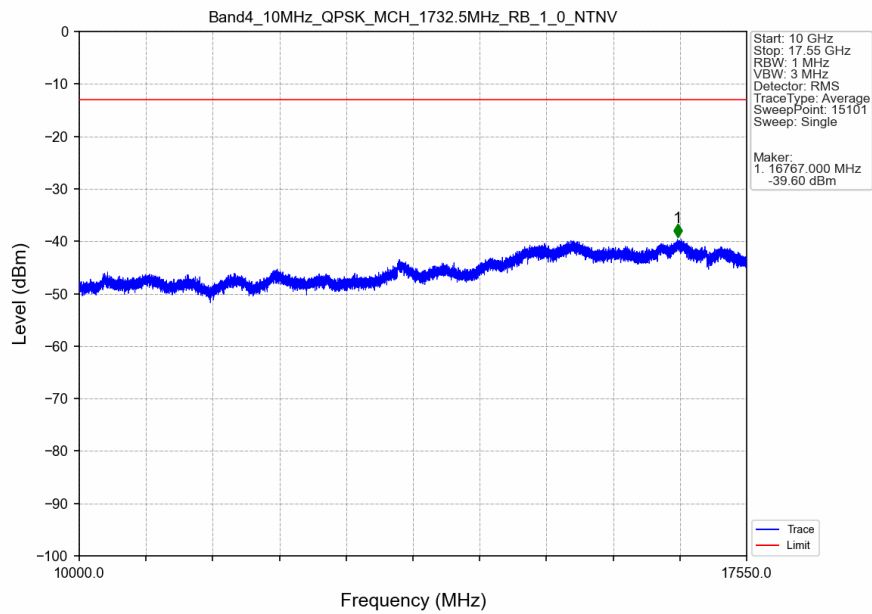


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-22.40	-13	Pass
1709	1710	0.101	CHP	2	1709.980	-30.31	-13	Pass
1710	1720	0.101	CHP	/	/	/	/	/

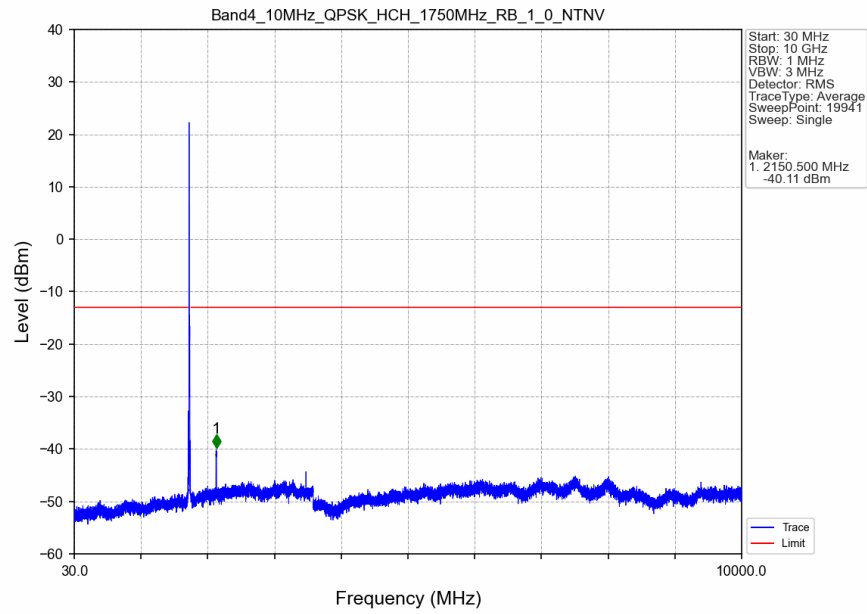
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



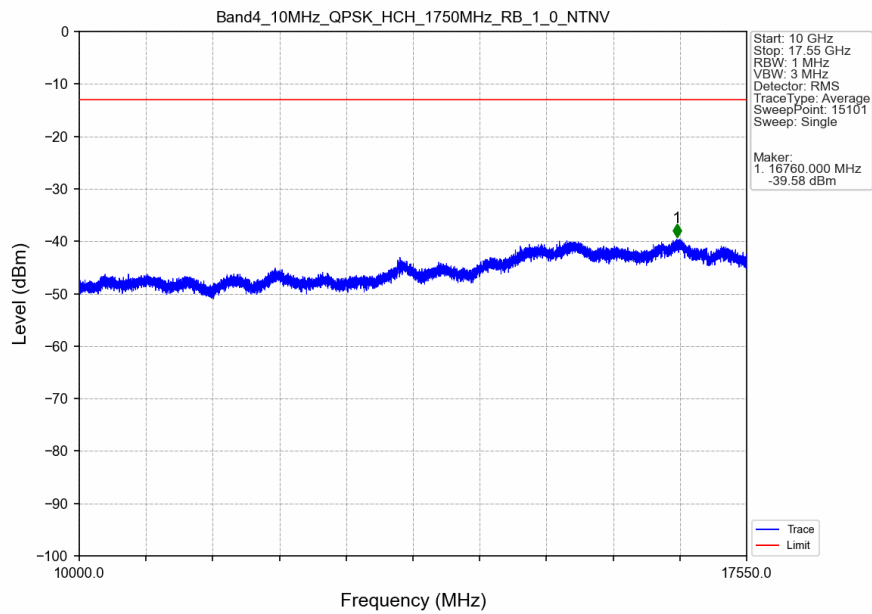
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



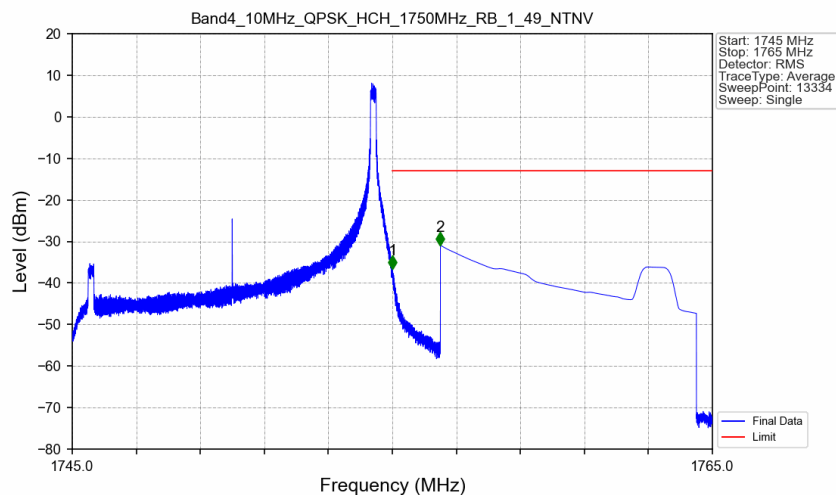
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

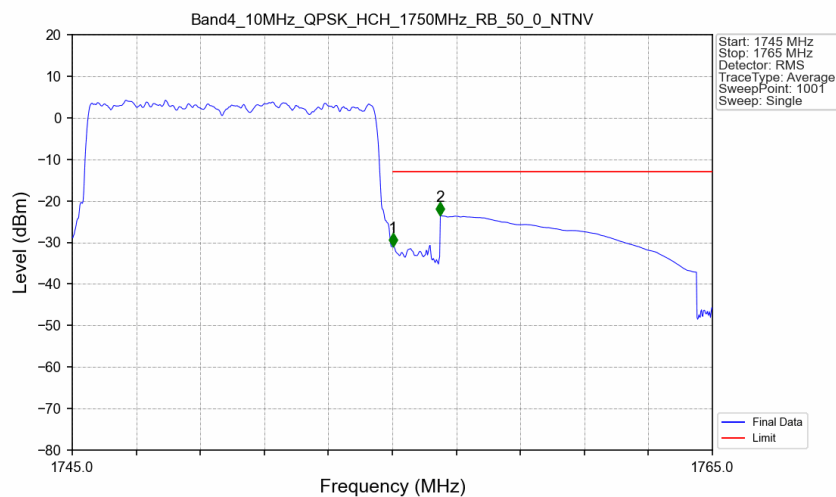


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



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	1755.008	-36.55	-13	Pass
1756	1765	1	CHP	2	1756.501	-30.94	-13	Pass

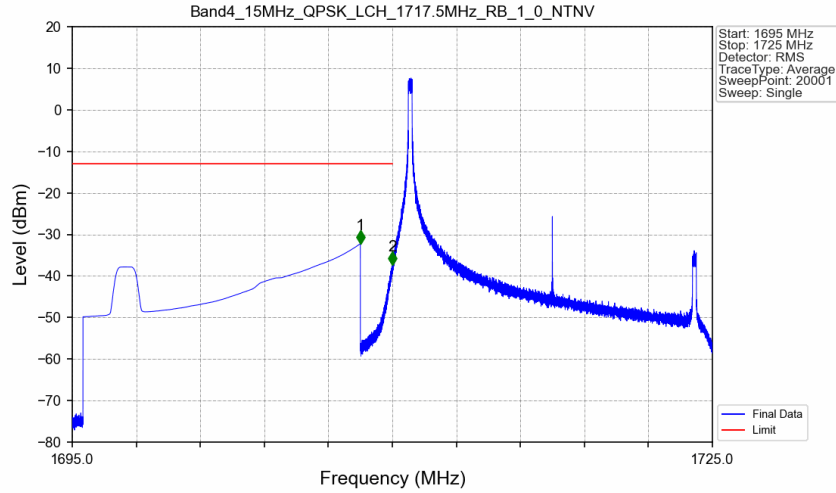
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



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	1755.020	-30.95	-13	Pass
1756	1765	1	CHP	2	1756.500	-23.56	-13	Pass

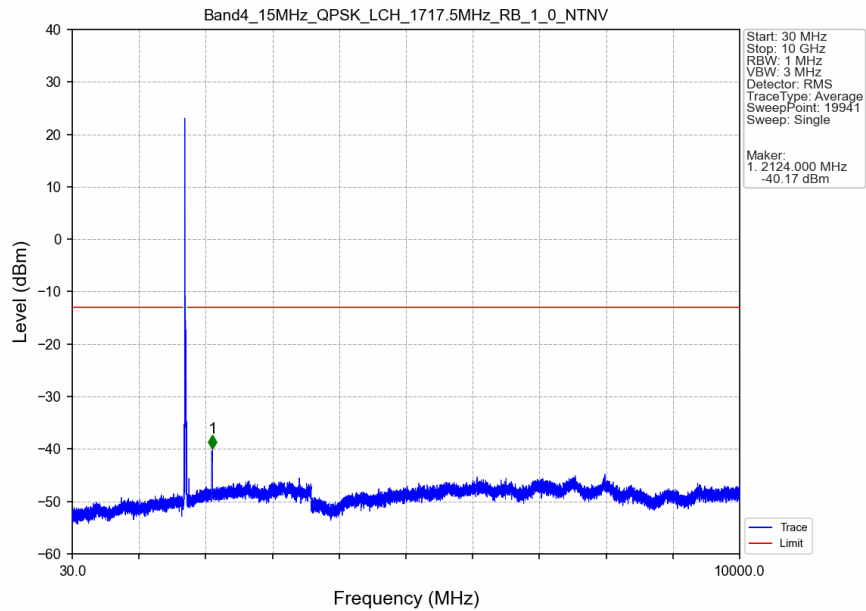
5.2.5 B4_15MHz

Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

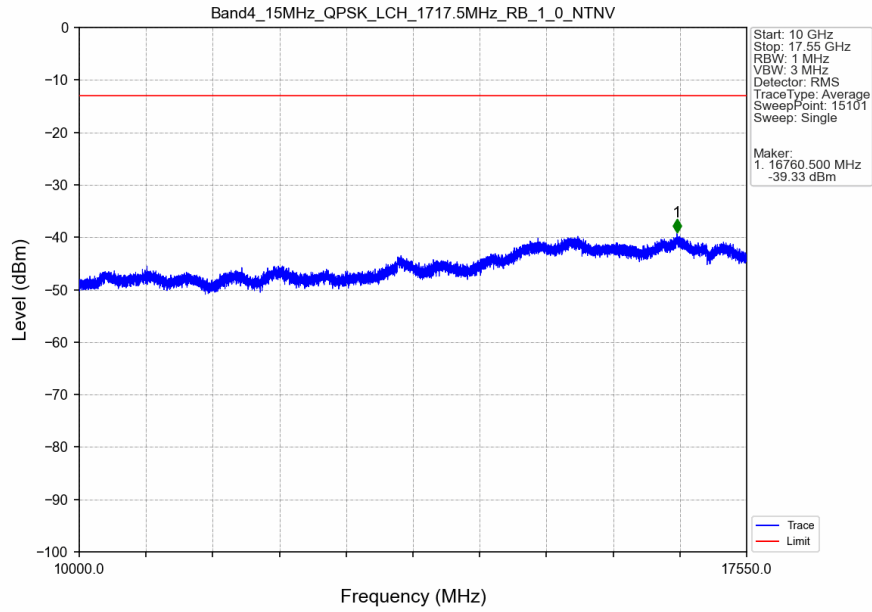


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-32.23	-13	Pass
1709	1710	0.003	/	2	1709.995	-37.36	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

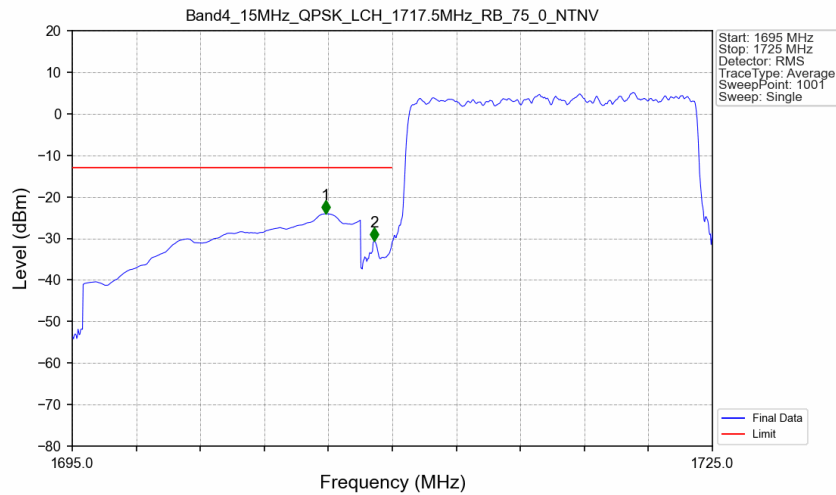
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

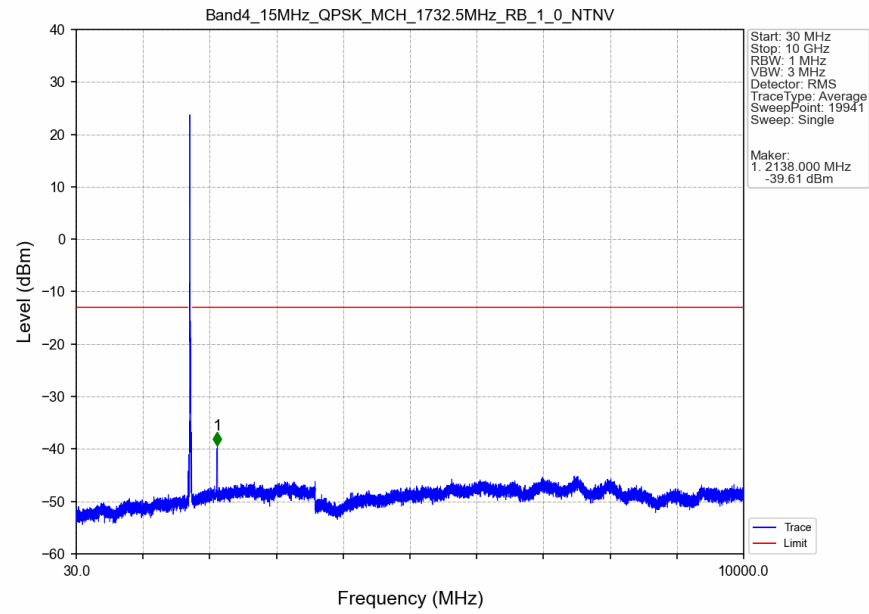


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

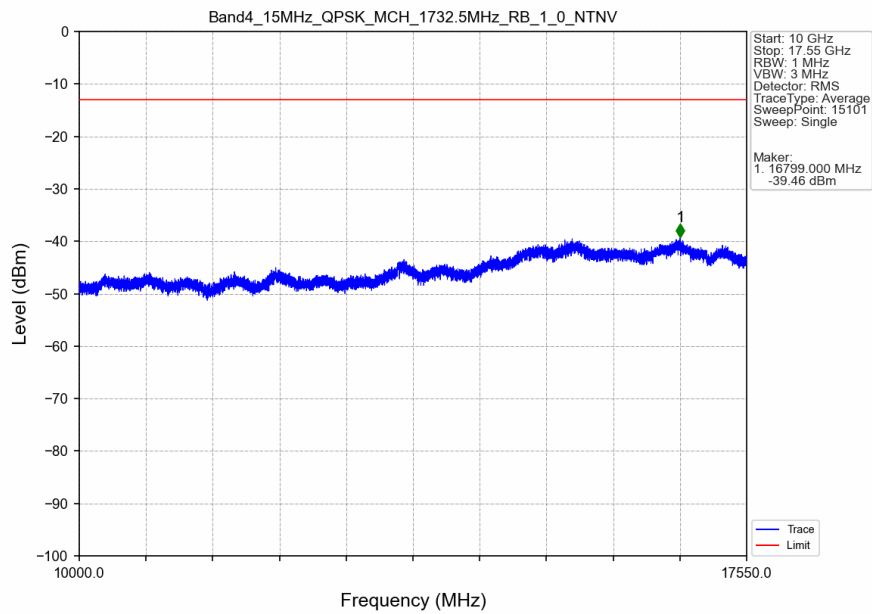


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1706.880	-24.07	-13	Pass
1709	1710	0.155	CHP	2	1709.160	-30.66	-13	Pass
1710	1725	0.155	CHP	/	/	/	/	/

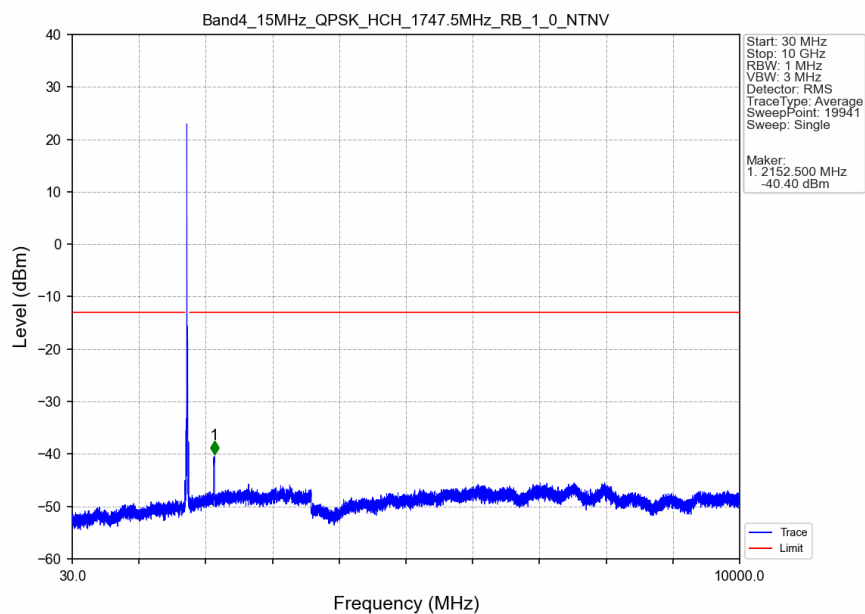
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



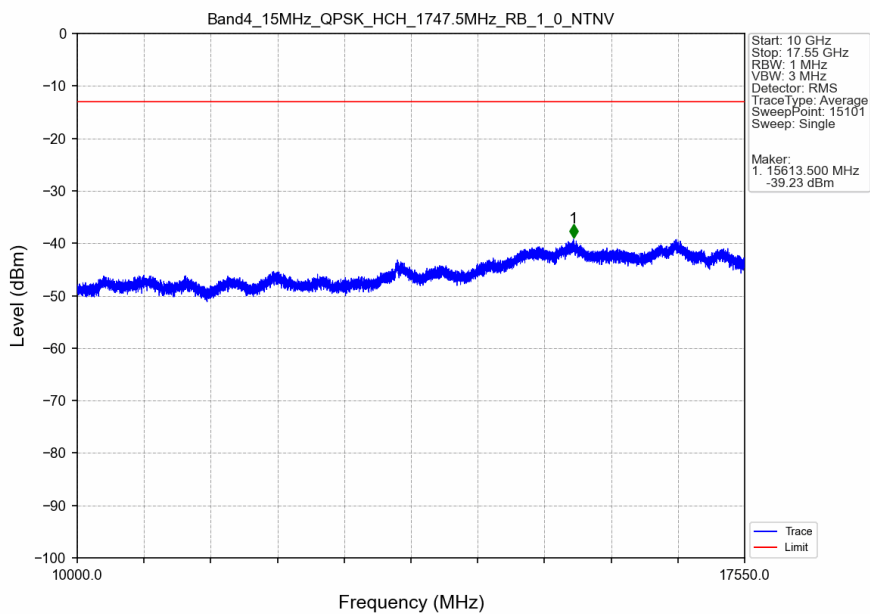
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



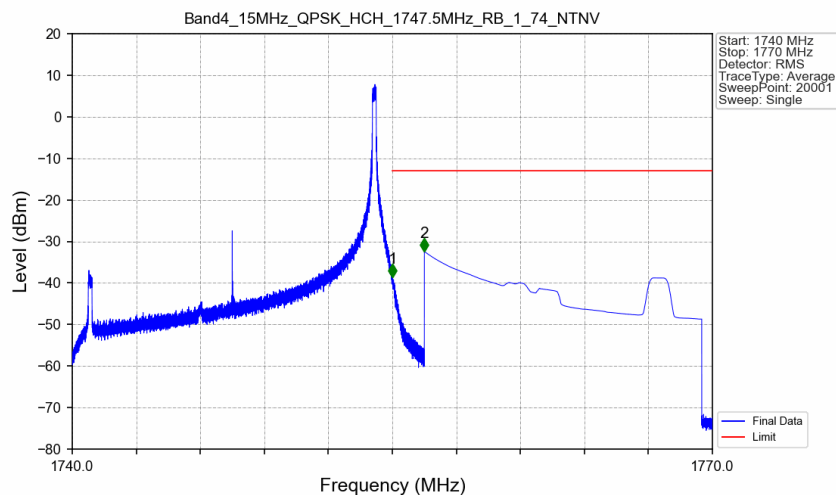
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



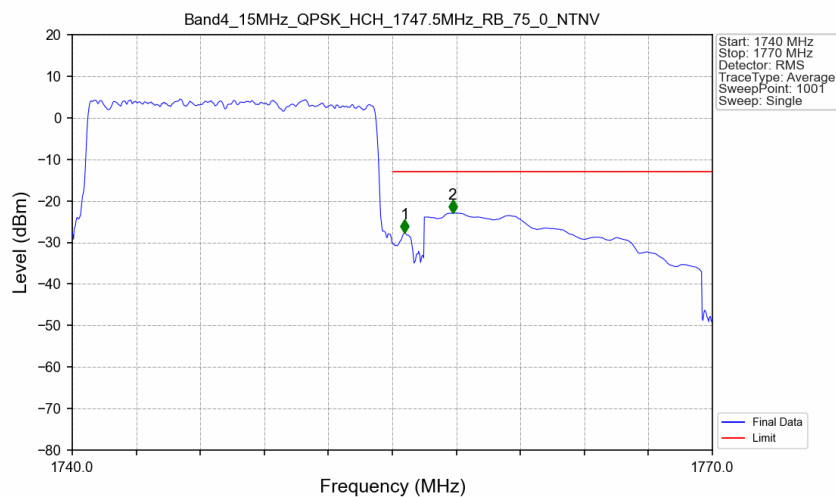
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV

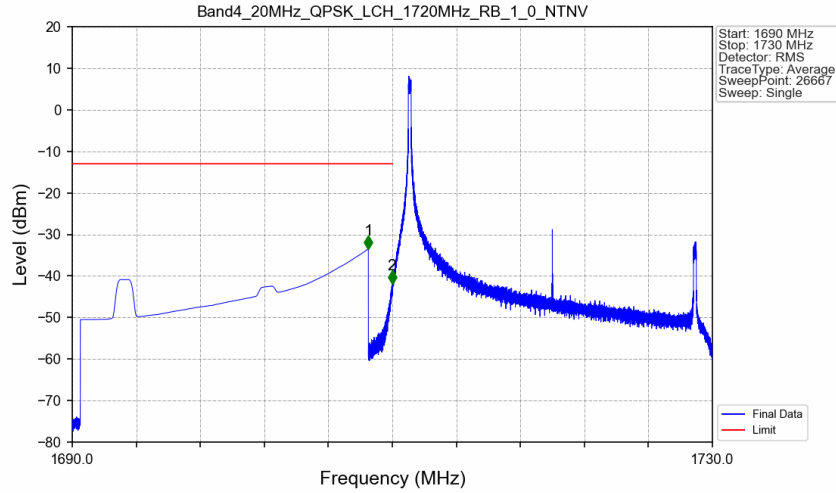


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

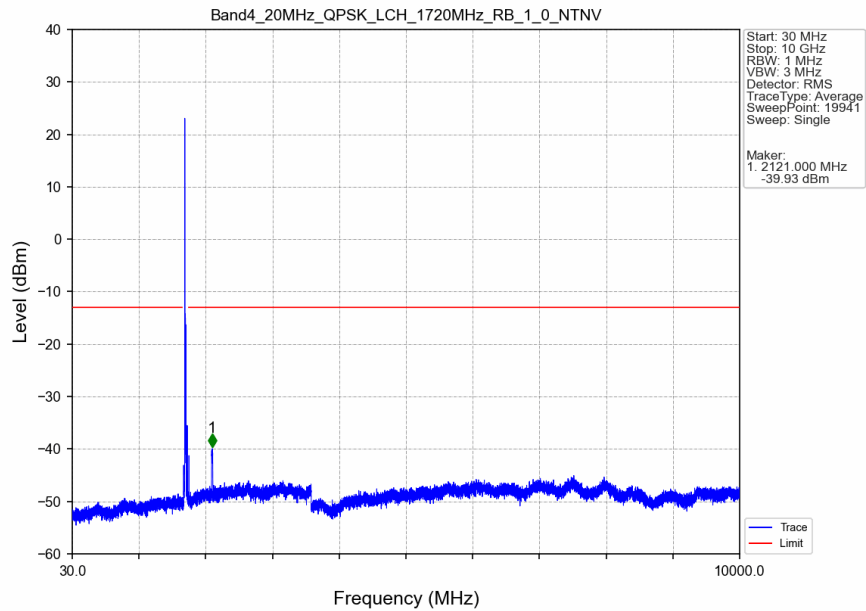


5.2.6 B4_20MHz

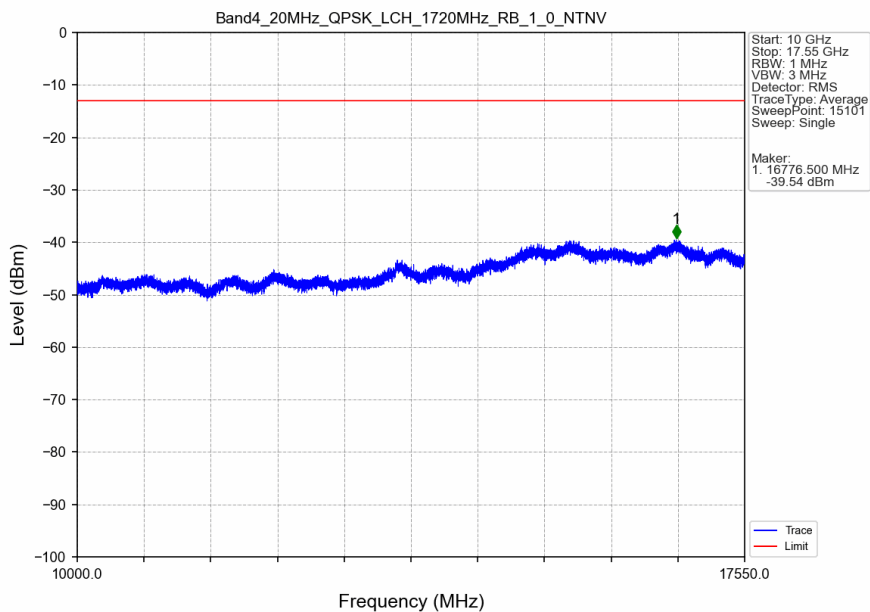
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



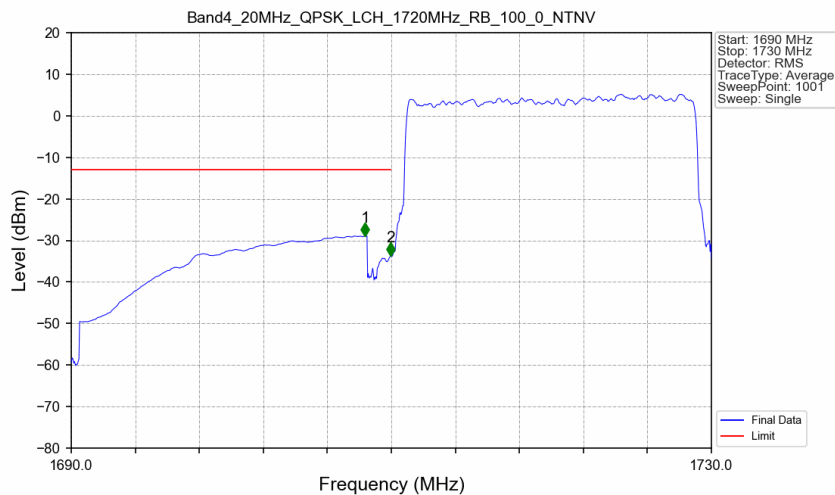
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

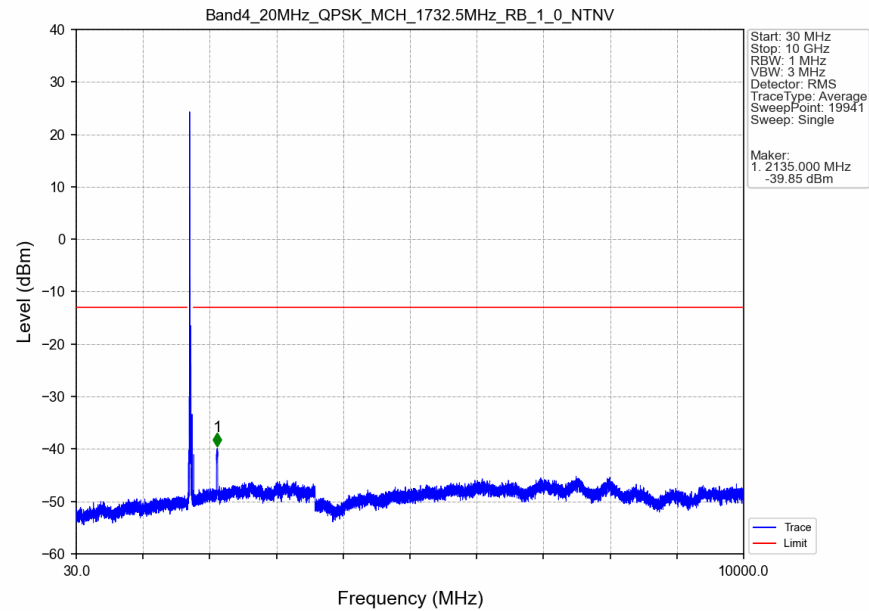


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

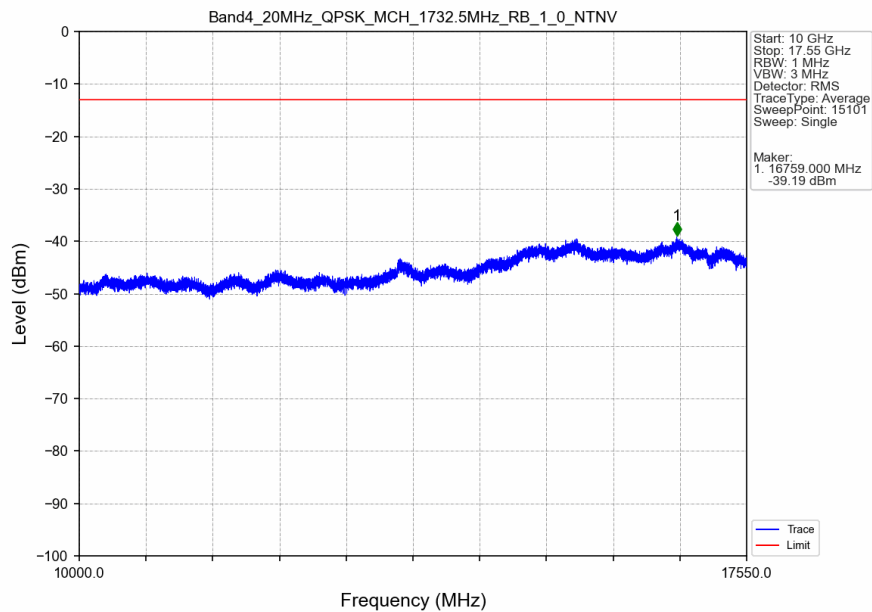


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.360	-28.91	-13	Pass
1709	1710	0.208	CHP	2	1709.960	-33.71	-13	Pass
1710	1730	0.208	CHP	/	/	/	/	/

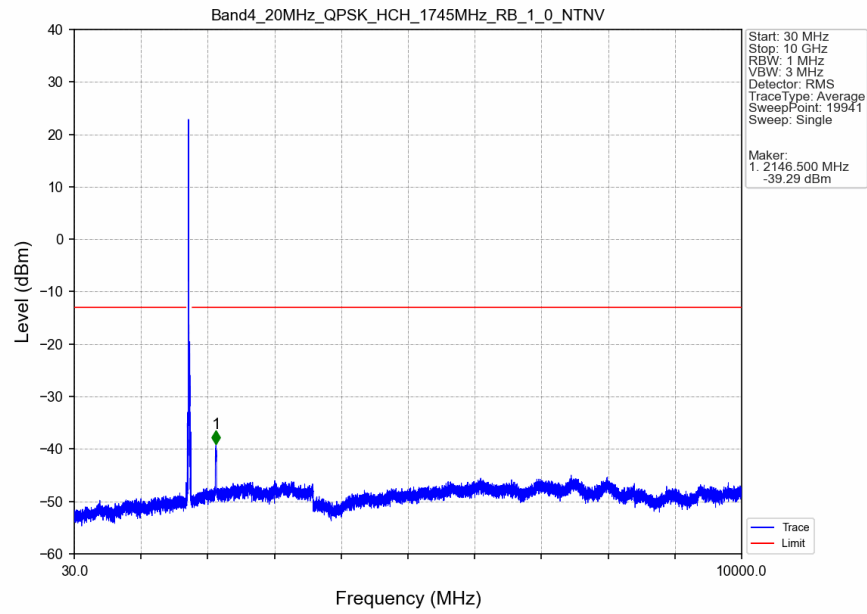
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



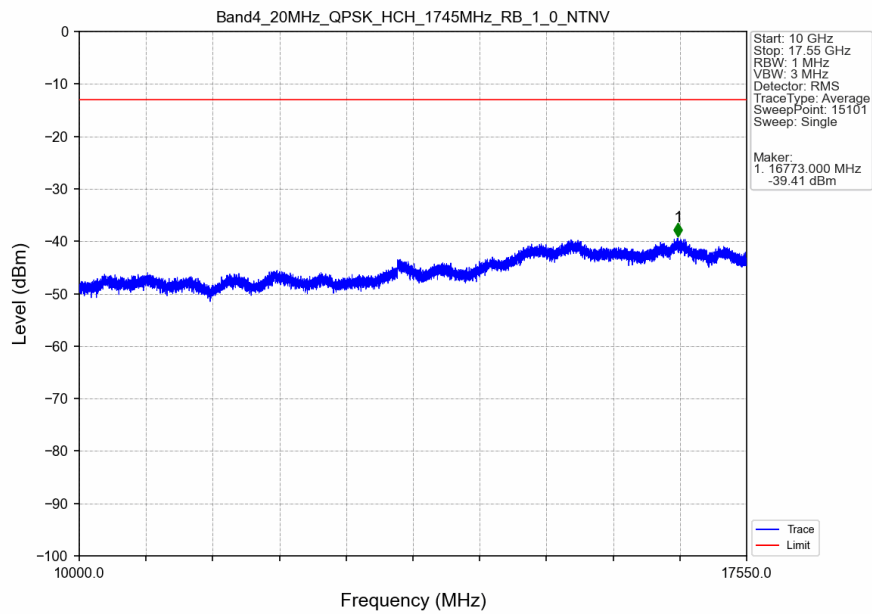
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



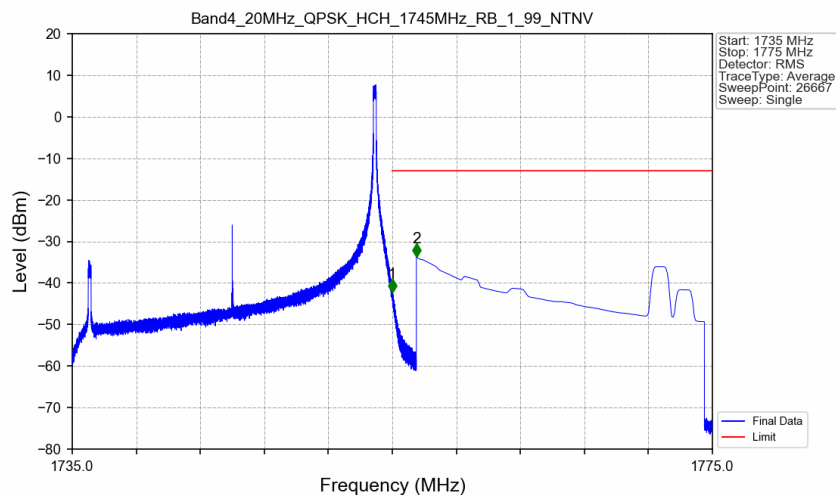
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV

