

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	18.70	-1.58	17.12	<=30	Pass
			2	18.76	-1.58	17.18	<=30	Pass
			5	18.79	-1.58	17.21	<=30	Pass
		3	0	18.85	-1.58	17.27	<=30	Pass
			2	18.86	-1.58	17.28	<=30	Pass
			3	18.86	-1.58	17.28	<=30	Pass
		6	0	17.94	-1.58	16.36	<=30	Pass
	1732.5	1	0	19.26	-1.58	17.68	<=30	Pass
			2	19.36	-1.58	17.78	<=30	Pass
			5	19.35	-1.58	17.77	<=30	Pass
		3	0	19.43	-1.58	17.85	<=30	Pass
			2	19.44	-1.58	17.86	<=30	Pass
			3	19.45	-1.58	17.87	<=30	Pass
		6	0	18.49	-1.58	16.91	<=30	Pass
	1754.3	1	0	19.22	-1.58	17.64	<=30	Pass
			2	19.61	-1.58	18.03	<=30	Pass
			5	19.52	-1.58	17.94	<=30	Pass
		3	0	19.67	-1.58	18.09	<=30	Pass
			2	19.52	-1.58	17.94	<=30	Pass
			3	19.55	-1.58	17.97	<=30	Pass
		6	0	18.74	-1.58	17.16	<=30	Pass
16QAM	1710.7	1	0	18.27	-1.58	16.69	<=30	Pass
			2	18.23	-1.58	16.65	<=30	Pass
			5	18.18	-1.58	16.60	<=30	Pass
		3	0	18.00	-1.58	16.42	<=30	Pass
			2	17.94	-1.58	16.36	<=30	Pass
			3	17.94	-1.58	16.36	<=30	Pass
		6	0	17.11	-1.58	15.53	<=30	Pass
	1732.5	1	0	18.69	-1.58	17.11	<=30	Pass
			2	18.70	-1.58	17.12	<=30	Pass
			5	18.50	-1.58	16.92	<=30	Pass
		3	0	18.44	-1.58	16.86	<=30	Pass
			2	18.32	-1.58	16.74	<=30	Pass
			3	18.46	-1.58	16.88	<=30	Pass
		6	0	17.52	-1.58	15.94	<=30	Pass
	1754.3	1	0	19.06	-1.58	17.48	<=30	Pass
			2	18.78	-1.58	17.20	<=30	Pass
			5	18.95	-1.58	17.37	<=30	Pass
		3	0	18.68	-1.58	17.10	<=30	Pass
			2	18.64	-1.58	17.06	<=30	Pass
			3	18.70	-1.58	17.12	<=30	Pass
		6	0	17.88	-1.58	16.30	<=30	Pass
64QAM	1710.7	1	0	17.13	-1.58	15.55	<=30	Pass
			2	17.26	-1.58	15.68	<=30	Pass
			5	17.21	-1.58	15.63	<=30	Pass
		3	0	17.05	-1.58	15.47	<=30	Pass

	1732.5	6	2	17.16	-1.58	15.58	<=30	Pass
			3	17.10	-1.58	15.52	<=30	Pass
		1	0	16.07	-1.58	14.49	<=30	Pass
			0	17.70	-1.58	16.12	<=30	Pass
			2	17.75	-1.58	16.17	<=30	Pass
			5	17.61	-1.58	16.03	<=30	Pass
	1754.3	3	0	17.63	-1.58	16.05	<=30	Pass
			2	17.64	-1.58	16.06	<=30	Pass
			3	17.63	-1.58	16.05	<=30	Pass
		6	0	16.57	-1.58	14.99	<=30	Pass
			0	17.89	-1.58	16.31	<=30	Pass
			2	17.89	-1.58	16.31	<=30	Pass
	1754.3	1	5	17.89	-1.58	16.31	<=30	Pass
			0	17.84	-1.58	16.26	<=30	Pass
			2	17.93	-1.58	16.35	<=30	Pass
		3	3	17.89	-1.58	16.31	<=30	Pass
			0	16.80	-1.58	15.22	<=30	Pass
			0	16.80	-1.58	15.22	<=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	18.71	-1.58	17.13	<=30	Pass
			7	18.75	-1.58	17.17	<=30	Pass
			14	18.69	-1.58	17.11	<=30	Pass
		8	0	17.84	-1.58	16.26	<=30	Pass
			4	17.93	-1.58	16.35	<=30	Pass
			7	17.87	-1.58	16.29	<=30	Pass
		15	0	17.83	-1.58	16.25	<=30	Pass
	1732.5	1	0	19.20	-1.58	17.62	<=30	Pass
			7	19.31	-1.58	17.73	<=30	Pass
			14	19.26	-1.58	17.68	<=30	Pass
		8	0	18.41	-1.58	16.83	<=30	Pass
			4	18.52	-1.58	16.94	<=30	Pass
			7	18.46	-1.58	16.88	<=30	Pass
		15	0	18.42	-1.58	16.84	<=30	Pass
	1753.5	1	0	19.67	-1.58	18.09	<=30	Pass
			7	19.64	-1.58	18.06	<=30	Pass
			14	19.37	-1.58	17.79	<=30	Pass
		8	0	18.82	-1.58	17.24	<=30	Pass
			4	18.83	-1.58	17.25	<=30	Pass
			7	18.70	-1.58	17.12	<=30	Pass
		15	0	18.73	-1.58	17.15	<=30	Pass
16QAM	1711.5	1	0	18.04	-1.58	16.46	<=30	Pass
			7	18.26	-1.58	16.68	<=30	Pass
			14	17.85	-1.58	16.27	<=30	Pass
		8	0	16.99	-1.58	15.41	<=30	Pass
			4	17.04	-1.58	15.46	<=30	Pass
			7	17.01	-1.58	15.43	<=30	Pass
		15	0	16.91	-1.58	15.33	<=30	Pass
	1732.5	1	0	18.63	-1.58	17.05	<=30	Pass
			7	18.60	-1.58	17.02	<=30	Pass

64QAM		8	14	18.62	-1.58	17.04	<=30	Pass
			0	17.54	-1.58	15.96	<=30	Pass
			4	17.60	-1.58	16.02	<=30	Pass
			7	17.54	-1.58	15.96	<=30	Pass
	1753.5	15	0	17.46	-1.58	15.88	<=30	Pass
			0	18.79	-1.58	17.21	<=30	Pass
			7	18.83	-1.58	17.25	<=30	Pass
		8	14	18.76	-1.58	17.18	<=30	Pass
			0	17.95	-1.58	16.37	<=30	Pass
			4	17.95	-1.58	16.37	<=30	Pass
			7	17.80	-1.58	16.22	<=30	Pass
		15	0	17.83	-1.58	16.25	<=30	Pass
			0	17.05	-1.58	15.47	<=30	Pass
			7	17.15	-1.58	15.57	<=30	Pass
		8	14	17.10	-1.58	15.52	<=30	Pass
			0	16.00	-1.58	14.42	<=30	Pass
			4	16.08	-1.58	14.50	<=30	Pass
			7	16.01	-1.58	14.43	<=30	Pass
64QAM	1711.5	15	0	15.98	-1.58	14.40	<=30	Pass
			0	17.63	-1.58	16.05	<=30	Pass
			7	17.69	-1.58	16.11	<=30	Pass
		8	14	17.60	-1.58	16.02	<=30	Pass
			0	16.52	-1.58	14.94	<=30	Pass
			4	16.58	-1.58	15.00	<=30	Pass
			7	16.55	-1.58	14.97	<=30	Pass
		15	0	16.49	-1.58	14.91	<=30	Pass
			0	17.99	-1.58	16.41	<=30	Pass
			7	17.92	-1.58	16.34	<=30	Pass
		8	14	17.81	-1.58	16.23	<=30	Pass
			0	16.89	-1.58	15.31	<=30	Pass
			4	16.88	-1.58	15.30	<=30	Pass
	1732.5	15	7	16.79	-1.58	15.21	<=30	Pass
			0	16.78	-1.58	15.20	<=30	Pass
			0	18.98	-1.58	17.40	<=30	Pass
		12	13	19.11	-1.58	17.53	<=30	Pass
			24	19.05	-1.58	17.47	<=30	Pass
			0	17.98	-1.58	16.40	<=30	Pass
		25	6	18.03	-1.58	16.45	<=30	Pass
			13	17.97	-1.58	16.39	<=30	Pass
			0	17.99	-1.58	16.41	<=30	Pass
		1	0	19.33	-1.58	17.75	<=30	Pass
			13	19.65	-1.58	18.07	<=30	Pass
			24	19.45	-1.58	17.87	<=30	Pass
	1753.5	12	0	18.52	-1.58	16.94	<=30	Pass
			6	18.57	-1.58	16.99	<=30	Pass
			13	18.49	-1.58	16.91	<=30	Pass
		25	0	18.53	-1.58	16.95	<=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	18.98	-1.58	17.40	<=30	Pass
			13	19.11	-1.58	17.53	<=30	Pass
			24	19.05	-1.58	17.47	<=30	Pass
		12	0	17.98	-1.58	16.40	<=30	Pass
			6	18.03	-1.58	16.45	<=30	Pass
			13	17.97	-1.58	16.39	<=30	Pass
		25	0	17.99	-1.58	16.41	<=30	Pass
			0	19.33	-1.58	17.75	<=30	Pass
			13	19.65	-1.58	18.07	<=30	Pass
	1732.5	1	24	19.45	-1.58	17.87	<=30	Pass
			0	18.52	-1.58	16.94	<=30	Pass
			6	18.57	-1.58	16.99	<=30	Pass
		12	13	18.49	-1.58	16.91	<=30	Pass
			0	18.53	-1.58	16.95	<=30	Pass

	1752.5	1	0	20.00	-1.58	18.42	<=30	Pass
			13	19.98	-1.58	18.40	<=30	Pass
			24	19.67	-1.58	18.09	<=30	Pass
		12	0	19.00	-1.58	17.42	<=30	Pass
			6	18.95	-1.58	17.37	<=30	Pass
			13	18.82	-1.58	17.24	<=30	Pass
		25	0	18.90	-1.58	17.32	<=30	Pass
16QAM	1712.5	1	0	18.34	-1.58	16.76	<=30	Pass
			13	18.59	-1.58	17.01	<=30	Pass
			24	18.50	-1.58	16.92	<=30	Pass
		12	0	17.06	-1.58	15.48	<=30	Pass
			6	17.11	-1.58	15.53	<=30	Pass
			13	17.06	-1.58	15.48	<=30	Pass
		25	0	17.07	-1.58	15.49	<=30	Pass
	1732.5	1	0	18.80	-1.58	17.22	<=30	Pass
			13	18.91	-1.58	17.33	<=30	Pass
			24	18.83	-1.58	17.25	<=30	Pass
		12	0	17.55	-1.58	15.97	<=30	Pass
			6	17.58	-1.58	16.00	<=30	Pass
			13	17.56	-1.58	15.98	<=30	Pass
		25	0	17.57	-1.58	15.99	<=30	Pass
	1752.5	1	0	19.20	-1.58	17.62	<=30	Pass
			13	19.31	-1.58	17.73	<=30	Pass
			24	19.03	-1.58	17.45	<=30	Pass
		12	0	18.08	-1.58	16.50	<=30	Pass
			6	18.04	-1.58	16.46	<=30	Pass
			13	17.80	-1.58	16.22	<=30	Pass
		25	0	17.98	-1.58	16.40	<=30	Pass
64QAM	1712.5	1	0	17.22	-1.58	15.64	<=30	Pass
			13	17.40	-1.58	15.82	<=30	Pass
			24	17.25	-1.58	15.67	<=30	Pass
		12	0	16.09	-1.58	14.51	<=30	Pass
			6	16.08	-1.58	14.50	<=30	Pass
			13	16.06	-1.58	14.48	<=30	Pass
		25	0	15.97	-1.58	14.39	<=30	Pass
	1732.5	1	0	17.37	-1.58	15.79	<=30	Pass
			13	17.83	-1.58	16.25	<=30	Pass
			24	17.72	-1.58	16.14	<=30	Pass
		12	0	16.58	-1.58	15.00	<=30	Pass
			6	16.62	-1.58	15.04	<=30	Pass
			13	16.66	-1.58	15.08	<=30	Pass
		25	0	16.49	-1.58	14.91	<=30	Pass
	1752.5	1	0	18.29	-1.58	16.71	<=30	Pass
			13	18.22	-1.58	16.64	<=30	Pass
			24	17.83	-1.58	16.25	<=30	Pass
		12	0	17.03	-1.58	15.45	<=30	Pass
			6	16.99	-1.58	15.41	<=30	Pass
			13	16.87	-1.58	15.29	<=30	Pass
		25	0	16.94	-1.58	15.36	<=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	19.04	-1.58	17.46	<=30	Pass
			25	19.17	-1.58	17.59	<=30	Pass
			49	19.27	-1.58	17.69	<=30	Pass
		25	0	17.98	-1.58	16.40	<=30	Pass
			13	18.10	-1.58	16.52	<=30	Pass
			25	18.15	-1.58	16.57	<=30	Pass
		50	0	18.07	-1.58	16.49	<=30	Pass
	1732.5	1	0	19.53	-1.58	17.95	<=30	Pass
			25	19.57	-1.58	17.99	<=30	Pass
			49	19.64	-1.58	18.06	<=30	Pass
		25	0	18.47	-1.58	16.89	<=30	Pass
			13	18.58	-1.58	17.00	<=30	Pass
			25	18.56	-1.58	16.98	<=30	Pass
		50	0	18.54	-1.58	16.96	<=30	Pass
	1750	1	0	20.05	-1.58	18.47	<=30	Pass
			25	20.16	-1.58	18.58	<=30	Pass
			49	19.88	-1.58	18.30	<=30	Pass
		25	0	18.99	-1.58	17.41	<=30	Pass
			13	19.11	-1.58	17.53	<=30	Pass
			25	18.92	-1.58	17.34	<=30	Pass
		50	0	19.01	-1.58	17.43	<=30	Pass
16QAM	1715	1	0	18.39	-1.58	16.81	<=30	Pass
			25	18.60	-1.58	17.02	<=30	Pass
			49	18.58	-1.58	17.00	<=30	Pass
		25	0	17.02	-1.58	15.44	<=30	Pass
			13	17.20	-1.58	15.62	<=30	Pass
			25	17.23	-1.58	15.65	<=30	Pass
		50	0	17.16	-1.58	15.58	<=30	Pass
	1732.5	1	0	18.93	-1.58	17.35	<=30	Pass
			25	19.00	-1.58	17.42	<=30	Pass
			49	19.01	-1.58	17.43	<=30	Pass
		25	0	17.51	-1.58	15.93	<=30	Pass
			13	17.62	-1.58	16.04	<=30	Pass
			25	17.62	-1.58	16.04	<=30	Pass
		50	0	17.57	-1.58	15.99	<=30	Pass
	1750	1	0	19.40	-1.58	17.82	<=30	Pass
			25	19.49	-1.58	17.91	<=30	Pass
			49	19.20	-1.58	17.62	<=30	Pass
		25	0	18.00	-1.58	16.42	<=30	Pass
			13	18.05	-1.58	16.47	<=30	Pass
			25	17.88	-1.58	16.30	<=30	Pass
		50	0	18.05	-1.58	16.47	<=30	Pass
64QAM	1715	1	0	17.33	-1.58	15.75	<=30	Pass
			25	17.50	-1.58	15.92	<=30	Pass
			49	17.55	-1.58	15.97	<=30	Pass
		25	0	16.16	-1.58	14.58	<=30	Pass
			13	16.20	-1.58	14.62	<=30	Pass
			25	16.19	-1.58	14.61	<=30	Pass
		50	0	16.19	-1.58	14.61	<=30	Pass
	1732.5	1	0	17.94	-1.58	16.36	<=30	Pass
			25	17.86	-1.58	16.28	<=30	Pass

		25	49	17.87	-1.58	16.29	<=30	Pass
			0	16.53	-1.58	14.95	<=30	Pass
			13	16.66	-1.58	15.08	<=30	Pass
			25	16.70	-1.58	15.12	<=30	Pass
	1750	50	0	16.59	-1.58	15.01	<=30	Pass
			0	17.78	-1.58	16.20	<=30	Pass
			25	18.34	-1.58	16.76	<=30	Pass
		1	49	18.09	-1.58	16.51	<=30	Pass
			0	17.10	-1.58	15.52	<=30	Pass
			13	17.15	-1.58	15.57	<=30	Pass
		25	25	16.93	-1.58	15.35	<=30	Pass
			0	17.09	-1.58	15.51	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	19.04	-1.58	17.46	<=30	Pass
			38	19.27	-1.58	17.69	<=30	Pass
			74	19.48	-1.58	17.90	<=30	Pass
		36	0	18.05	-1.58	16.47	<=30	Pass
			18	18.14	-1.58	16.56	<=30	Pass
			39	18.28	-1.58	16.70	<=30	Pass
		75	0	18.19	-1.58	16.61	<=30	Pass
	1732.5	1	0	19.57	-1.58	17.99	<=30	Pass
			38	19.49	-1.58	17.91	<=30	Pass
			74	19.70	-1.58	18.12	<=30	Pass
		36	0	18.48	-1.58	16.90	<=30	Pass
			18	18.56	-1.58	16.98	<=30	Pass
			39	18.62	-1.58	17.04	<=30	Pass
		75	0	18.56	-1.58	16.98	<=30	Pass
	1747.5	1	0	19.83	-1.58	18.25	<=30	Pass
			38	20.20	-1.58	18.62	<=30	Pass
			74	19.79	-1.58	18.21	<=30	Pass
		36	0	18.90	-1.58	17.32	<=30	Pass
			18	19.05	-1.58	17.47	<=30	Pass
			39	18.96	-1.58	17.38	<=30	Pass
		75	0	18.98	-1.58	17.40	<=30	Pass
16QAM	1717.5	1	0	18.37	-1.58	16.79	<=30	Pass
			38	18.49	-1.58	16.91	<=30	Pass
			74	18.89	-1.58	17.31	<=30	Pass
		36	0	17.12	-1.58	15.54	<=30	Pass
			18	17.23	-1.58	15.65	<=30	Pass
			39	17.38	-1.58	15.80	<=30	Pass
		75	0	17.26	-1.58	15.68	<=30	Pass
	1732.5	1	0	18.84	-1.58	17.26	<=30	Pass
			38	19.02	-1.58	17.44	<=30	Pass
			74	19.18	-1.58	17.60	<=30	Pass
		36	0	17.49	-1.58	15.91	<=30	Pass
			18	17.60	-1.58	16.02	<=30	Pass
			39	17.65	-1.58	16.07	<=30	Pass
		75	0	17.58	-1.58	16.00	<=30	Pass

64QAM	1747.5	1	0	19.21	-1.58	17.63	<=30	Pass
			38	19.44	-1.58	17.86	<=30	Pass
			74	19.24	-1.58	17.66	<=30	Pass
		36	0	17.96	-1.58	16.38	<=30	Pass
			18	18.11	-1.58	16.53	<=30	Pass
			39	17.99	-1.58	16.41	<=30	Pass
		75	0	18.03	-1.58	16.45	<=30	Pass
	1717.5	1	0	17.04	-1.58	15.46	<=30	Pass
			38	17.43	-1.58	15.85	<=30	Pass
			74	17.67	-1.58	16.09	<=30	Pass
		36	0	16.12	-1.58	14.54	<=30	Pass
			18	16.27	-1.58	14.69	<=30	Pass
			39	16.46	-1.58	14.88	<=30	Pass
		75	0	16.30	-1.58	14.72	<=30	Pass
	1732.5	1	0	17.77	-1.58	16.19	<=30	Pass
			38	17.90	-1.58	16.32	<=30	Pass
			74	17.97	-1.58	16.39	<=30	Pass
		36	0	16.54	-1.58	14.96	<=30	Pass
			18	16.62	-1.58	15.04	<=30	Pass
			39	16.71	-1.58	15.13	<=30	Pass
		75	0	16.59	-1.58	15.01	<=30	Pass
	1747.5	1	0	18.03	-1.58	16.45	<=30	Pass
			38	18.47	-1.58	16.89	<=30	Pass
			74	18.09	-1.58	16.51	<=30	Pass
		36	0	17.00	-1.58	15.42	<=30	Pass
			18	17.03	-1.58	15.45	<=30	Pass
			39	17.05	-1.58	15.47	<=30	Pass
		75	0	16.99	-1.58	15.41	<=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	18.92	-1.58	17.34	<=30	Pass
			50	19.31	-1.58	17.73	<=30	Pass
			99	19.36	-1.58	17.78	<=30	Pass
		50	0	18.05	-1.58	16.47	<=30	Pass
			25	18.28	-1.58	16.70	<=30	Pass
			50	18.62	-1.58	17.04	<=30	Pass
		100	0	18.37	-1.58	16.79	<=30	Pass
	1732.5	1	0	19.25	-1.58	17.67	<=30	Pass
			50	19.47	-1.58	17.89	<=30	Pass
			99	19.79	-1.58	18.21	<=30	Pass
		50	0	18.40	-1.58	16.82	<=30	Pass
			25	18.58	-1.58	17.00	<=30	Pass
			50	18.69	-1.58	17.11	<=30	Pass
		100	0	18.58	-1.58	17.00	<=30	Pass
	1745	1	0	19.49	-1.58	17.91	<=30	Pass
			50	20.07	-1.58	18.49	<=30	Pass
			99	19.76	-1.58	18.18	<=30	Pass
		50	0	18.82	-1.58	17.24	<=30	Pass
			25	19.02	-1.58	17.44	<=30	Pass

			50	18.98	-1.58	17.40	<=30	Pass		
		100	0	18.81	-1.58	17.23	<=30	Pass		
16QAM	1720	1	0	18.28	-1.58	16.70	<=30	Pass		
			50	18.58	-1.58	17.00	<=30	Pass		
			99	18.97	-1.58	17.39	<=30	Pass		
			0	17.13	-1.58	15.55	<=30	Pass		
		50	25	17.35	-1.58	15.77	<=30	Pass		
			50	17.65	-1.58	16.07	<=30	Pass		
			0	17.43	-1.58	15.85	<=30	Pass		
		1732.5	1	0	18.47	-1.58	16.89	<=30	Pass	
				50	18.99	-1.58	17.41	<=30	Pass	
	99			19.24	-1.58	17.66	<=30	Pass		
	0			17.37	-1.58	15.79	<=30	Pass		
	50		25	17.63	-1.58	16.05	<=30	Pass		
			50	17.74	-1.58	16.16	<=30	Pass		
			0	17.56	-1.58	15.98	<=30	Pass		
	1745		1	0	18.97	-1.58	17.39	<=30	Pass	
				50	19.47	-1.58	17.89	<=30	Pass	
		99		19.17	-1.58	17.59	<=30	Pass		
		0		17.80	-1.58	16.22	<=30	Pass		
		50	25	18.01	-1.58	16.43	<=30	Pass		
			50	17.96	-1.58	16.38	<=30	Pass		
			0	17.93	-1.58	16.35	<=30	Pass		
		64QAM	1720	1	0	17.03	-1.58	15.45	<=30	Pass
					50	17.61	-1.58	16.03	<=30	Pass
99	17.72				-1.58	16.14	<=30	Pass		
0	16.05				-1.58	14.47	<=30	Pass		
50	25			16.17	-1.58	14.59	<=30	Pass		
	50			16.45	-1.58	14.87	<=30	Pass		
	0			16.48	-1.58	14.90	<=30	Pass		
1732.5	1			0	17.51	-1.58	15.93	<=30	Pass	
				50	17.79	-1.58	16.21	<=30	Pass	
			99	17.90	-1.58	16.32	<=30	Pass		
			0	16.32	-1.58	14.74	<=30	Pass		
	50		25	16.64	-1.58	15.06	<=30	Pass		
			50	16.70	-1.58	15.12	<=30	Pass		
			0	16.56	-1.58	14.98	<=30	Pass		
	1745		1	0	17.73	-1.58	16.15	<=30	Pass	
				50	18.22	-1.58	16.64	<=30	Pass	
99				18.07	-1.58	16.49	<=30	Pass		
0				16.85	-1.58	15.27	<=30	Pass		
50			25	16.98	-1.58	15.40	<=30	Pass		
			50	16.98	-1.58	15.40	<=30	Pass		
			0	16.87	-1.58	15.29	<=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	3.700	0.0021	-2.5 to 2.5	Pass
					NV	1.400	0.0008	-2.5 to 2.5	Pass
					HV	-7.900	-0.0046	-2.5 to 2.5	Pass
				-30	NV	-8.100	-0.0047	-2.5 to 2.5	Pass
				-20	NV	-4.200	-0.0024	-2.5 to 2.5	Pass
				-10	NV	-3.600	-0.0021	-2.5 to 2.5	Pass
				0	NV	-4.900	-0.0028	-2.5 to 2.5	Pass
				10	NV	-3.100	-0.0018	-2.5 to 2.5	Pass
				30	NV	-1.000	-0.0006	-2.5 to 2.5	Pass
				40	NV	0.000	0.0000	-2.5 to 2.5	Pass
				50	NV	0.400	0.0002	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

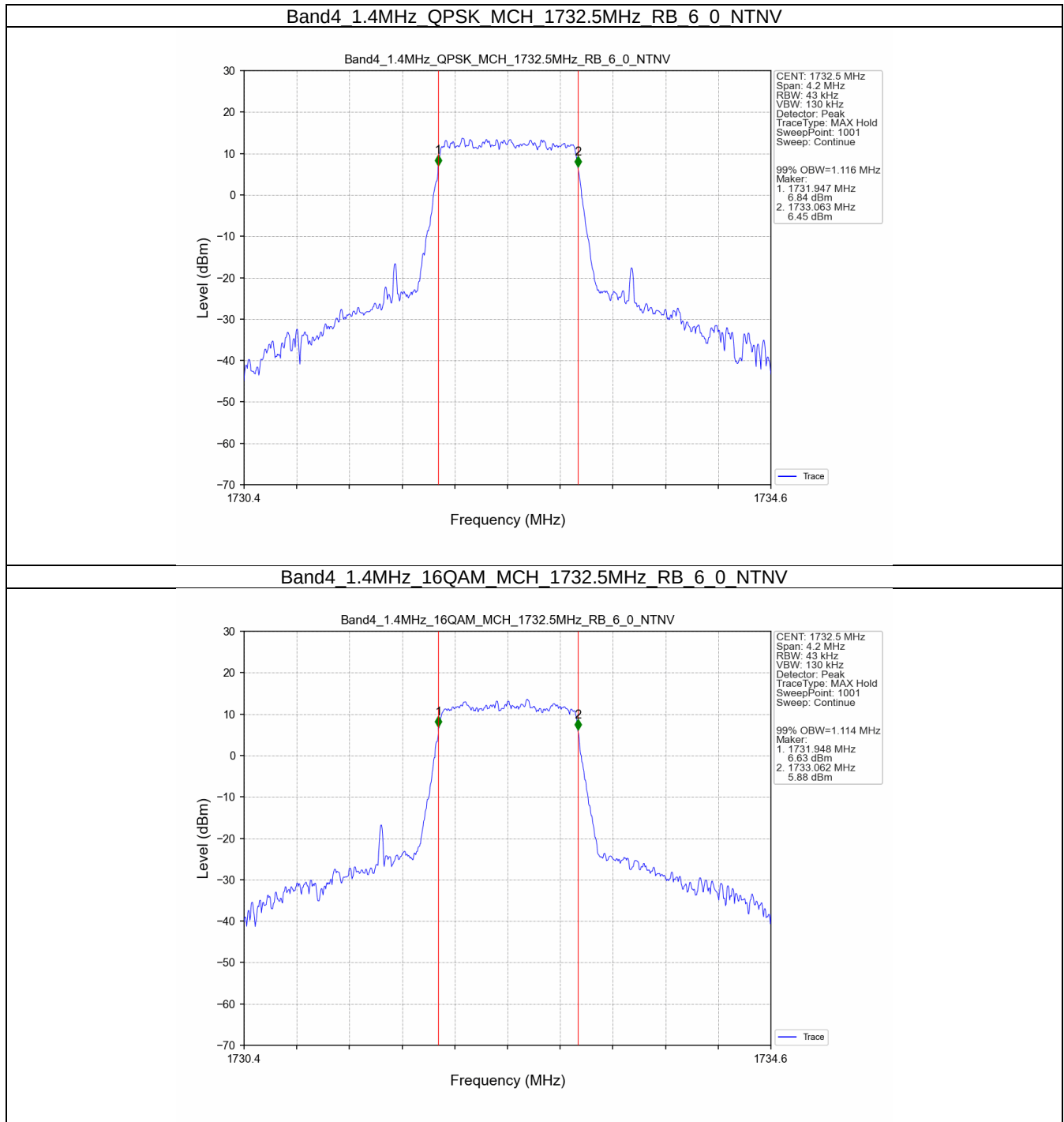
Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.116	/	Pass
	16QAM	1732.5	6	0	1.114	/	Pass
	64QAM	1732.5	6	0	1.119	/	Pass
3	QPSK	1732.5	15	0	2.715	/	Pass
	16QAM	1732.5	15	0	2.707	/	Pass
	64QAM	1732.5	15	0	2.708	/	Pass
5	QPSK	1732.5	25	0	4.531	/	Pass
	16QAM	1732.5	25	0	4.532	/	Pass
	64QAM	1732.5	25	0	4.540	/	Pass
10	QPSK	1732.5	50	0	9.077	/	Pass
	16QAM	1732.5	50	0	9.000	/	Pass
	64QAM	1732.5	50	0	9.026	/	Pass
15	QPSK	1732.5	75	0	13.571	/	Pass
	16QAM	1732.5	75	0	13.594	/	Pass
	64QAM	1732.5	75	0	13.537	/	Pass
20	QPSK	1732.5	100	0	18.037	/	Pass
	16QAM	1732.5	100	0	18.028	/	Pass
	64QAM	1732.5	100	0	18.034	/	Pass

3.1.2 Band4_XDB

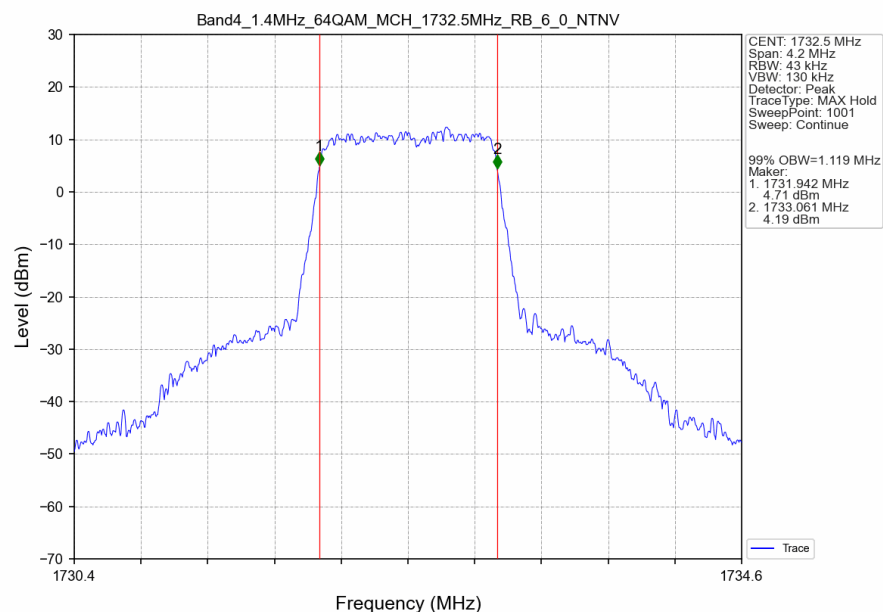
Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.307	/	Pass
	16QAM	1732.5	6	0	1.304	/	Pass
	64QAM	1732.5	6	0	1.302	/	Pass
3	QPSK	1732.5	15	0	3.037	/	Pass
	16QAM	1732.5	15	0	3.042	/	Pass
	64QAM	1732.5	15	0	3.025	/	Pass
5	QPSK	1732.5	25	0	4.973	/	Pass
	16QAM	1732.5	25	0	5.023	/	Pass
	64QAM	1732.5	25	0	5.018	/	Pass
10	QPSK	1732.5	50	0	9.906	/	Pass
	16QAM	1732.5	50	0	9.807	/	Pass
	64QAM	1732.5	50	0	9.902	/	Pass
15	QPSK	1732.5	75	0	14.842	/	Pass
	16QAM	1732.5	75	0	14.734	/	Pass
	64QAM	1732.5	75	0	14.792	/	Pass
20	QPSK	1732.5	100	0	19.594	/	Pass
	16QAM	1732.5	100	0	19.605	/	Pass
	64QAM	1732.5	100	0	19.592	/	Pass

3.2 Test Graph

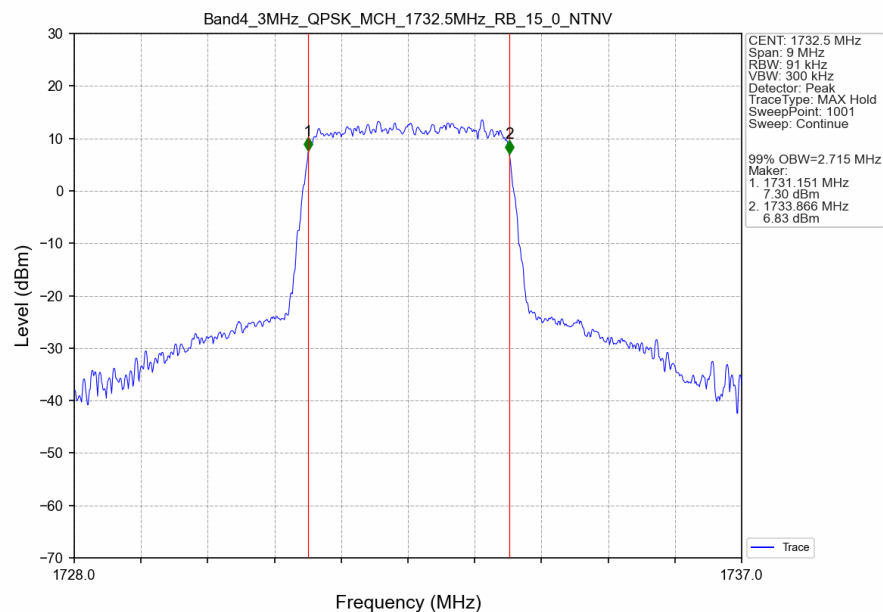
3.2.1 Band4_OBW



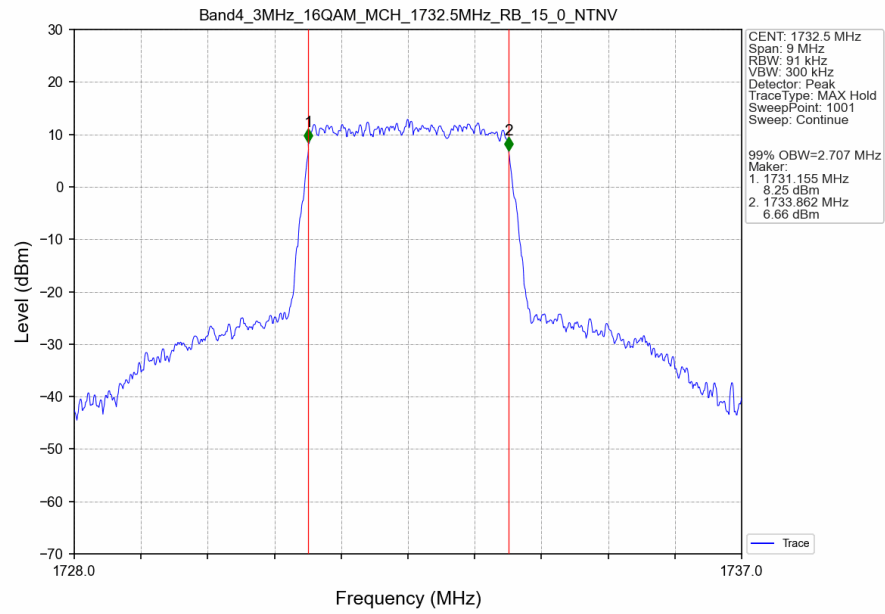
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



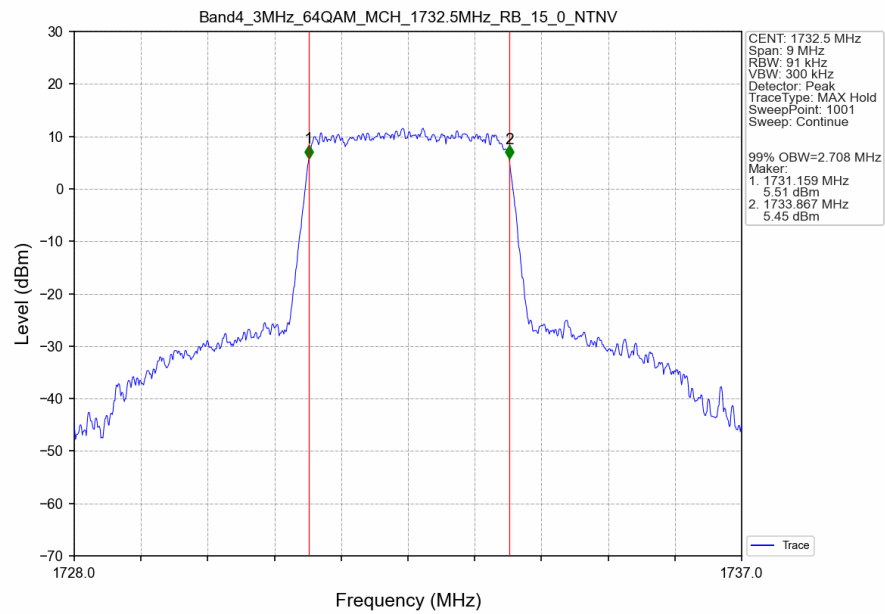
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



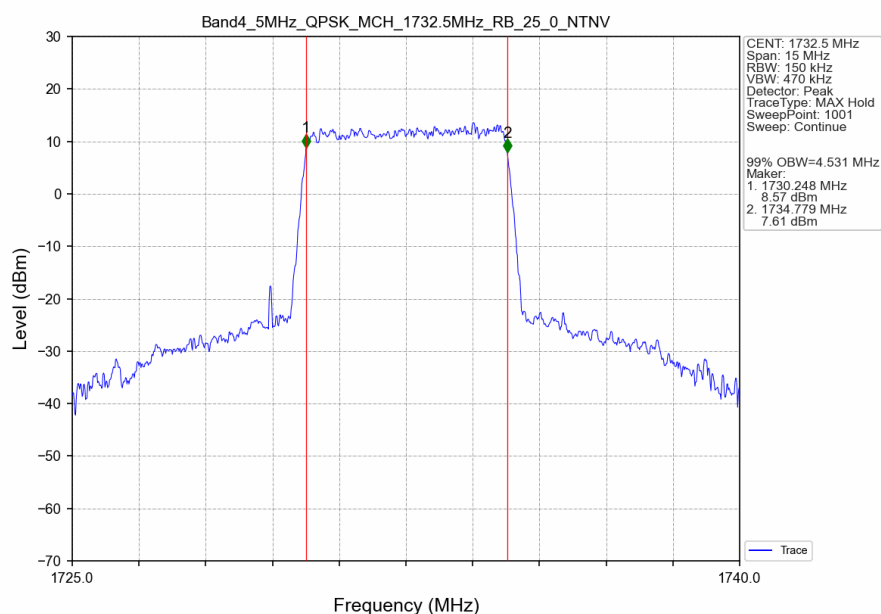
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



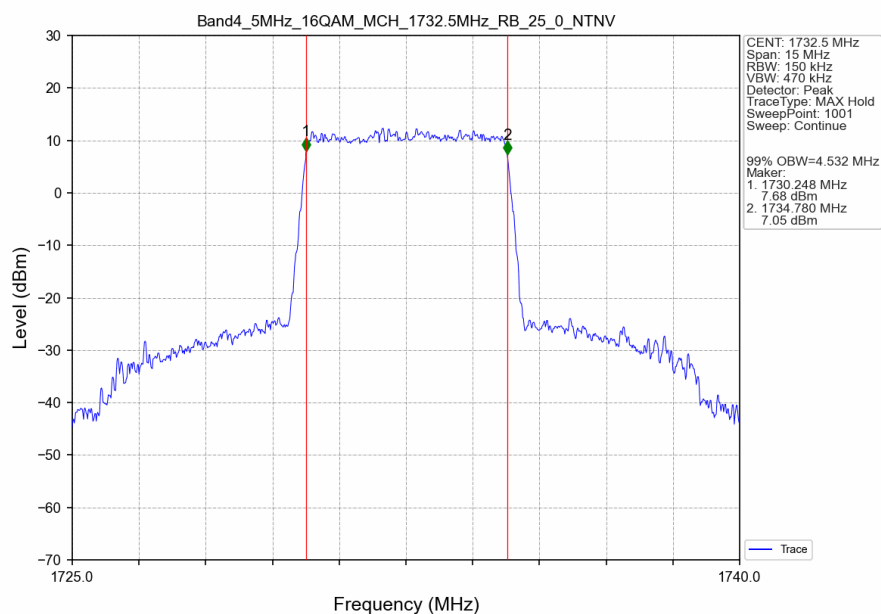
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



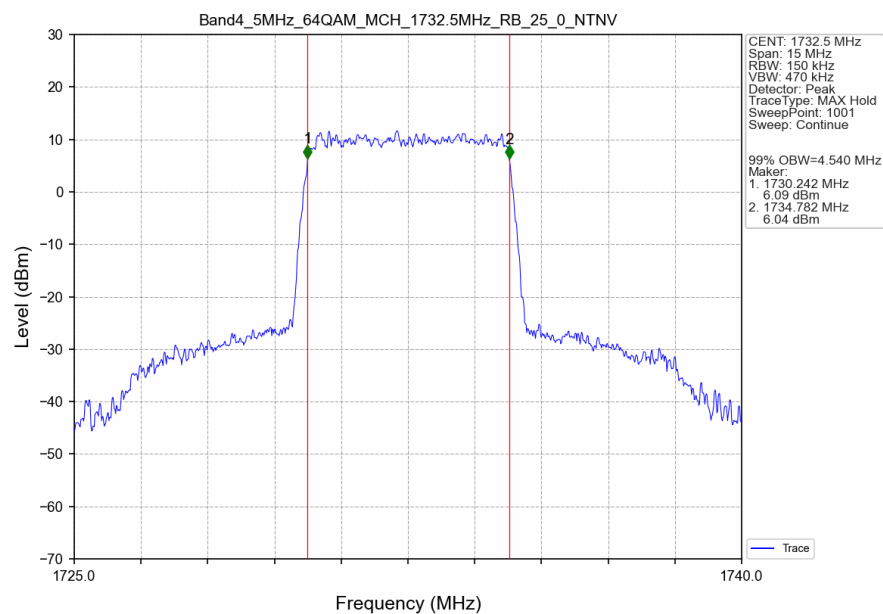
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



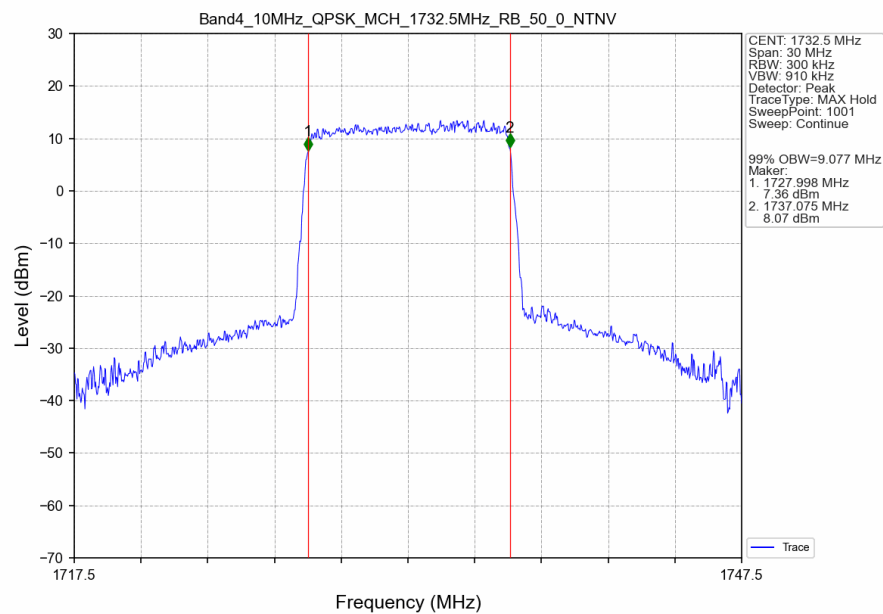
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



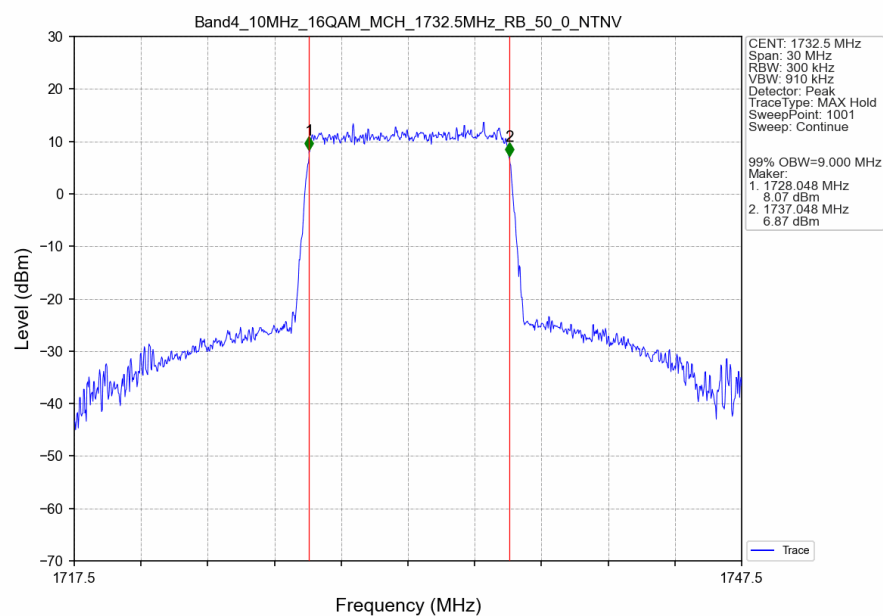
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



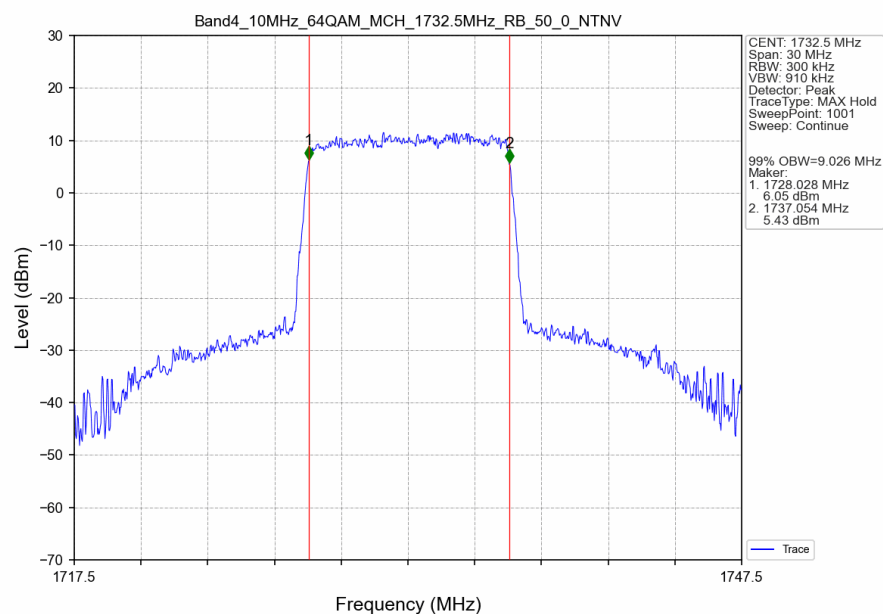
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



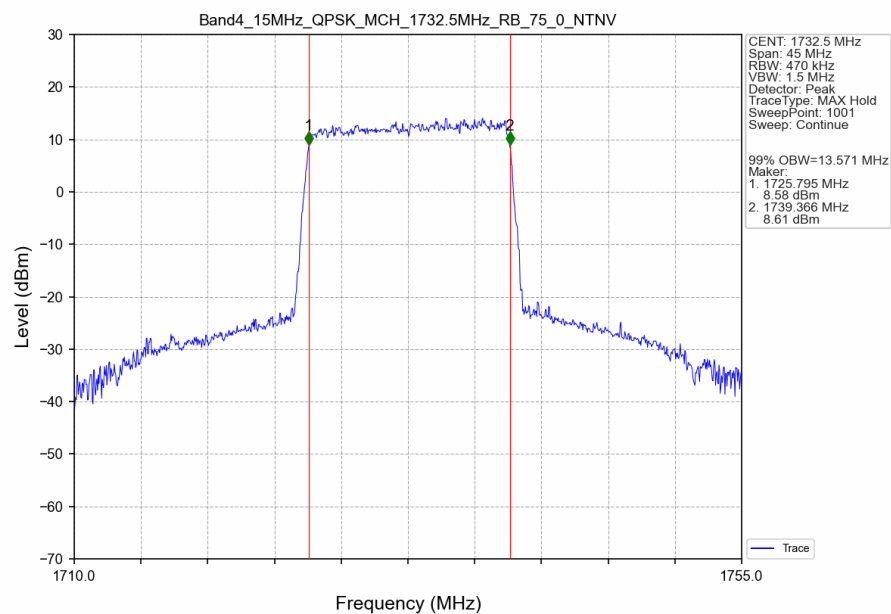
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



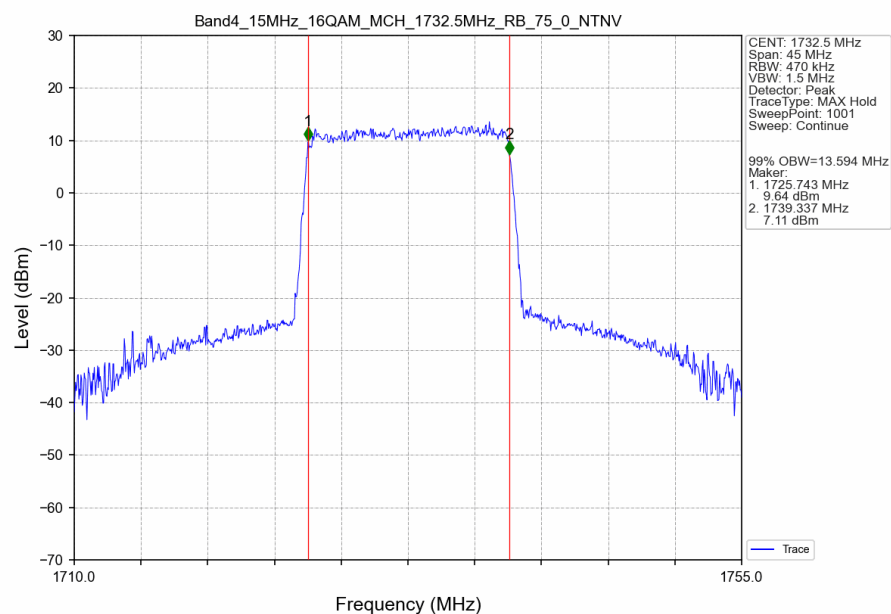
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



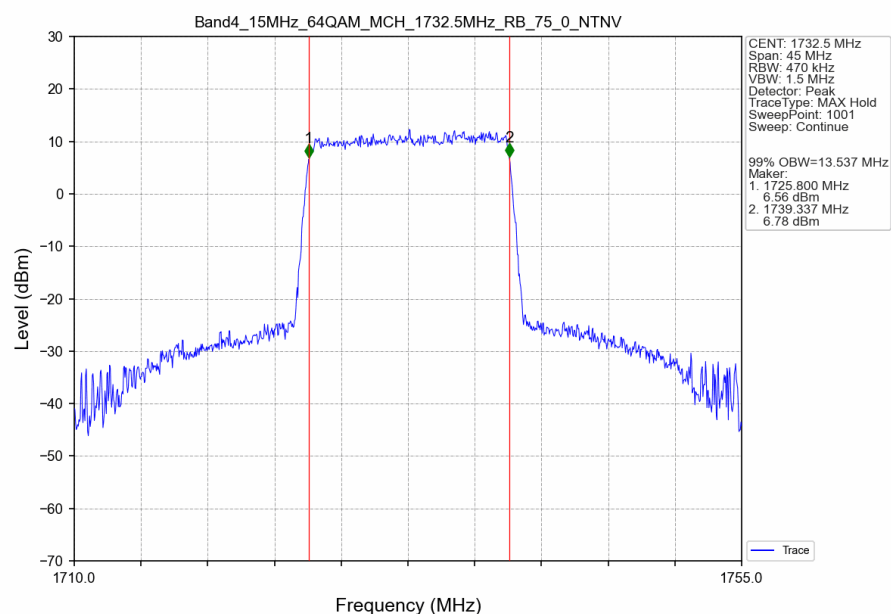
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



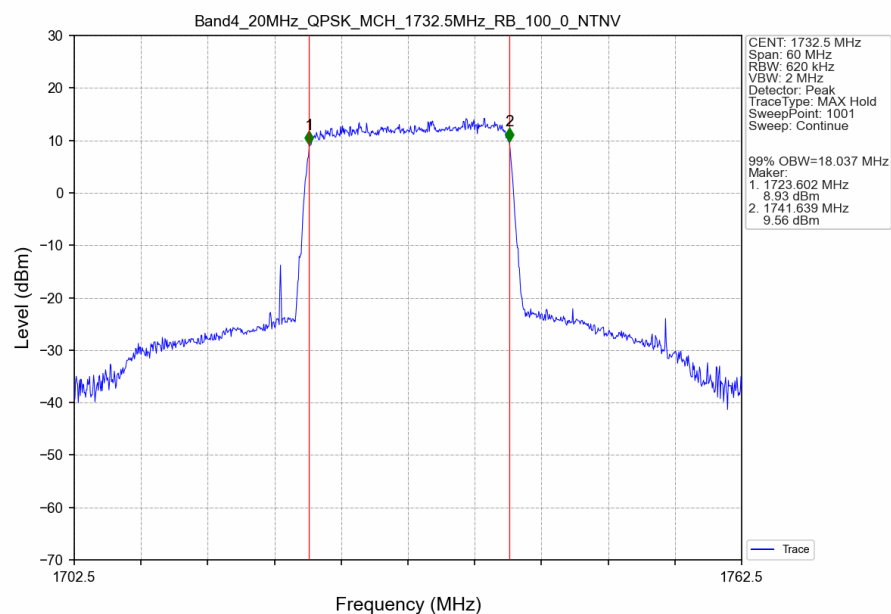
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



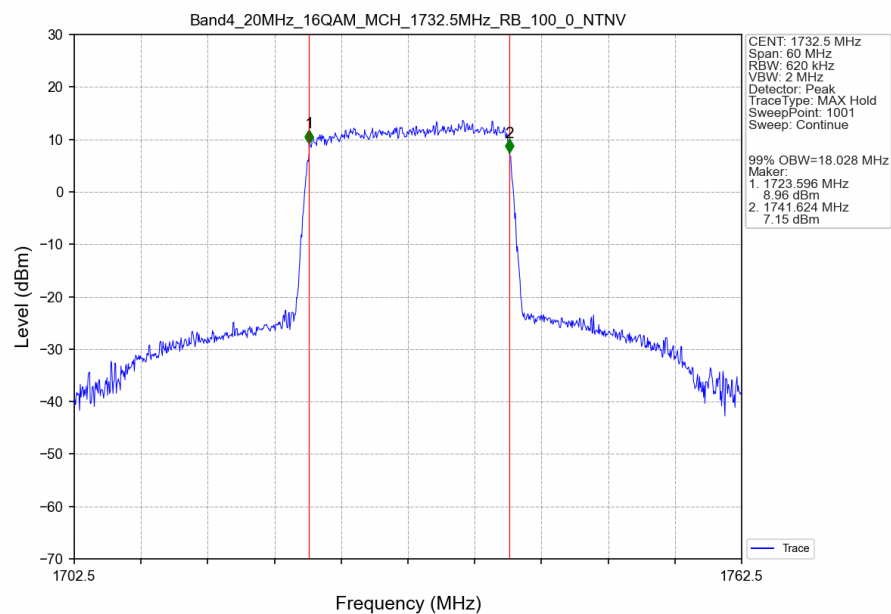
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



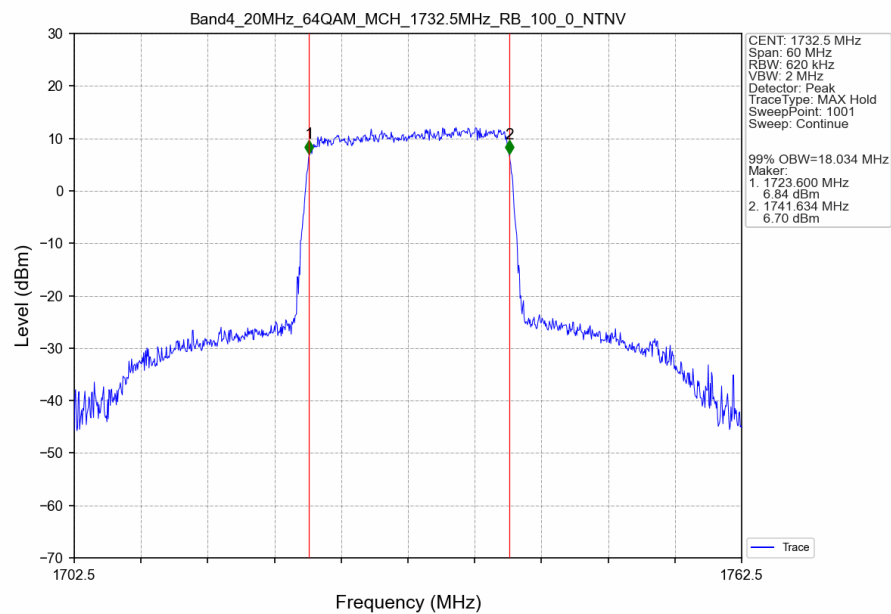
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



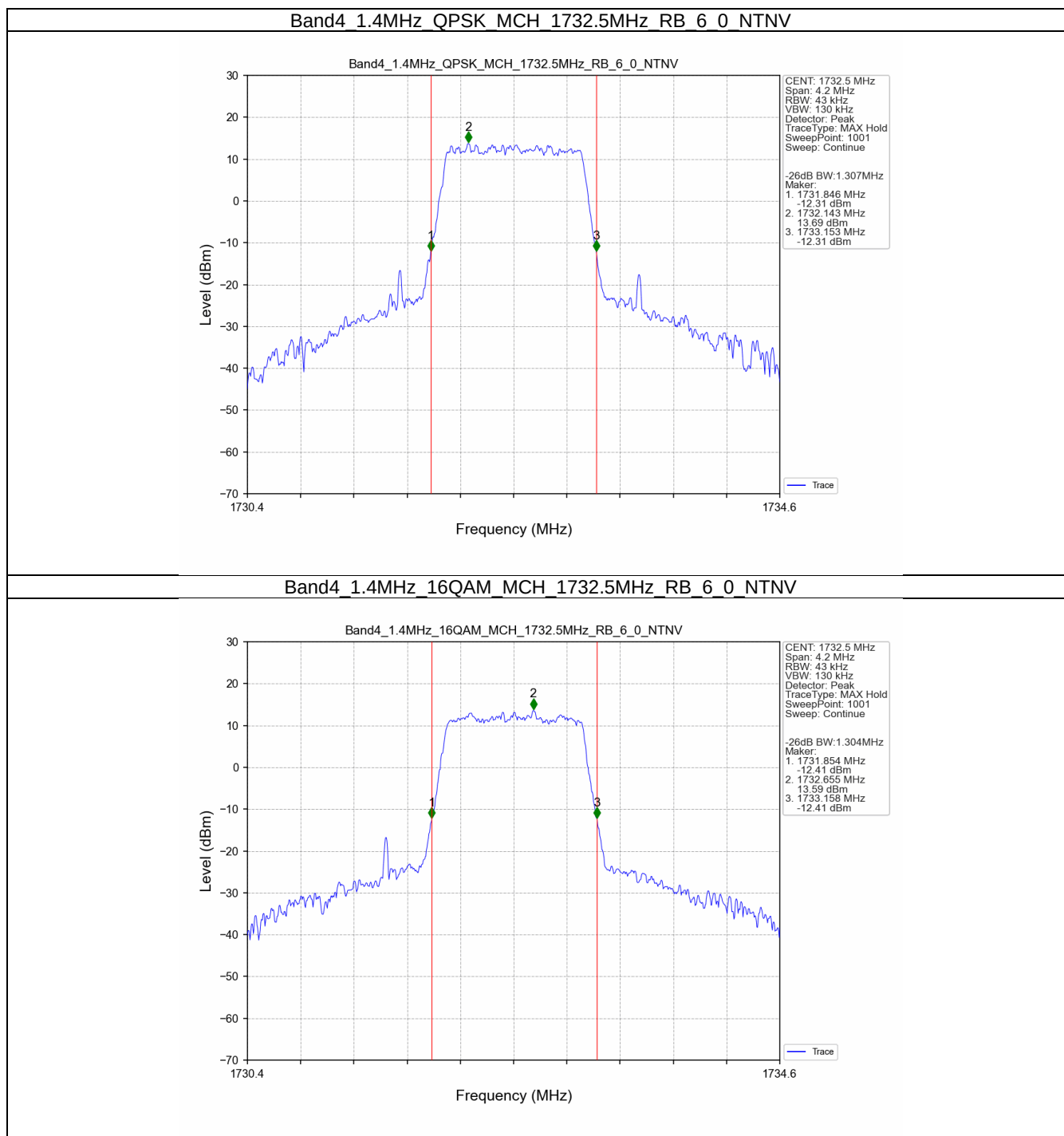
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



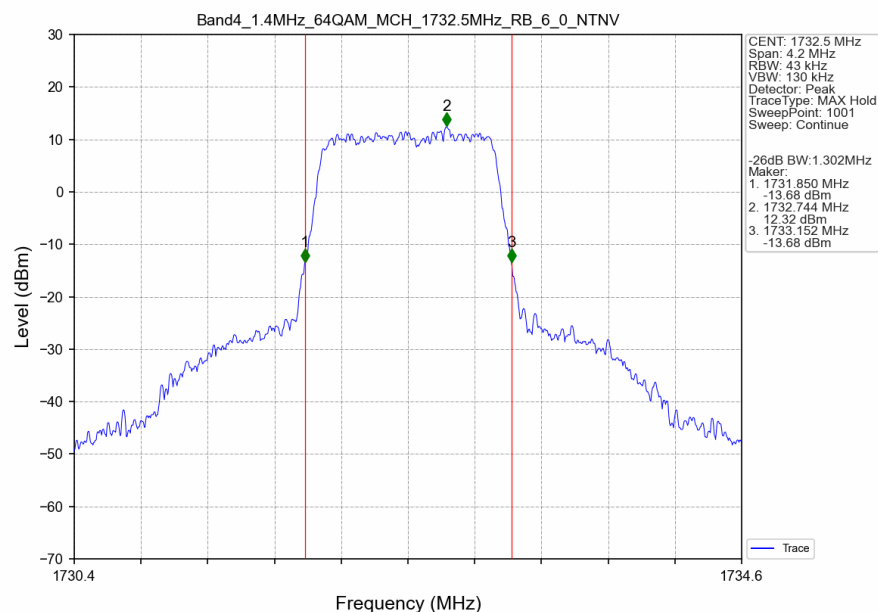
Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



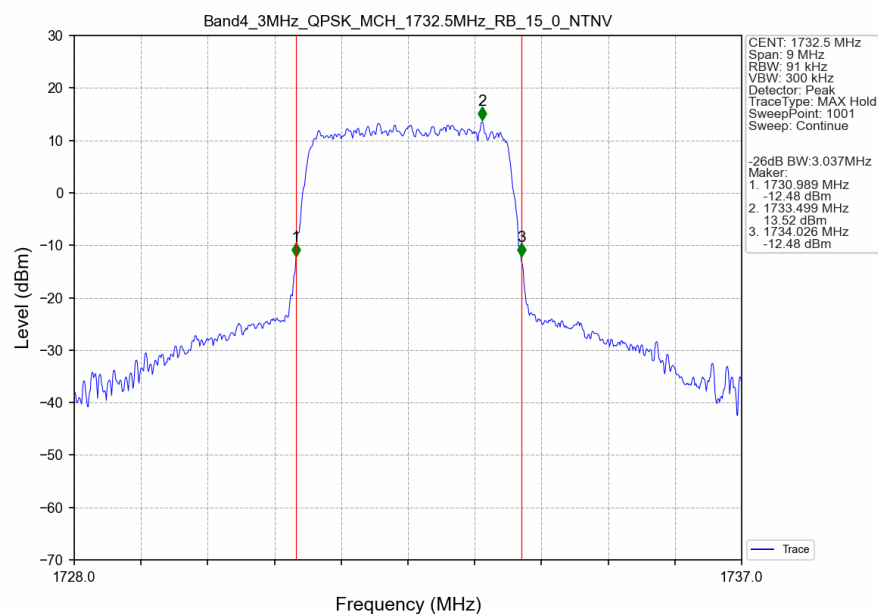
3.2.2 Band4_XDB



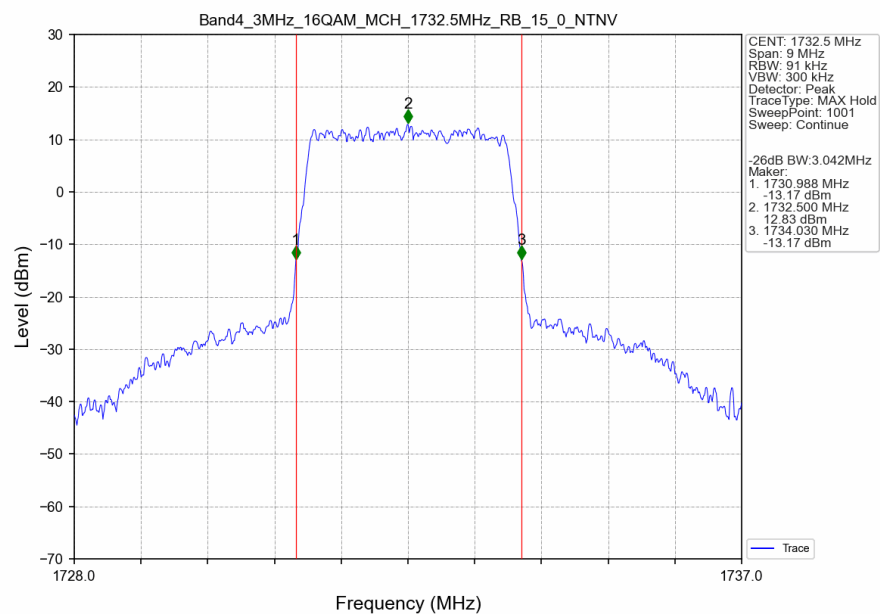
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



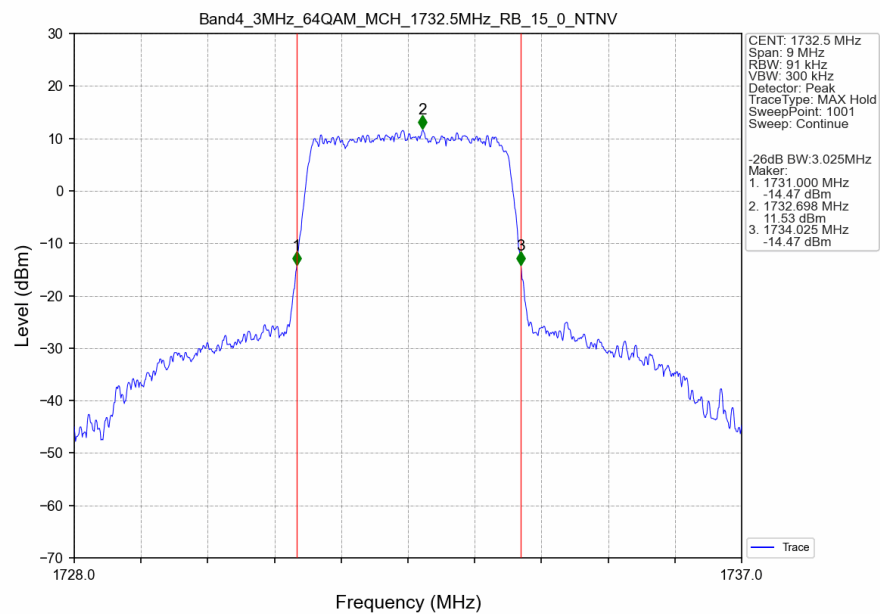
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



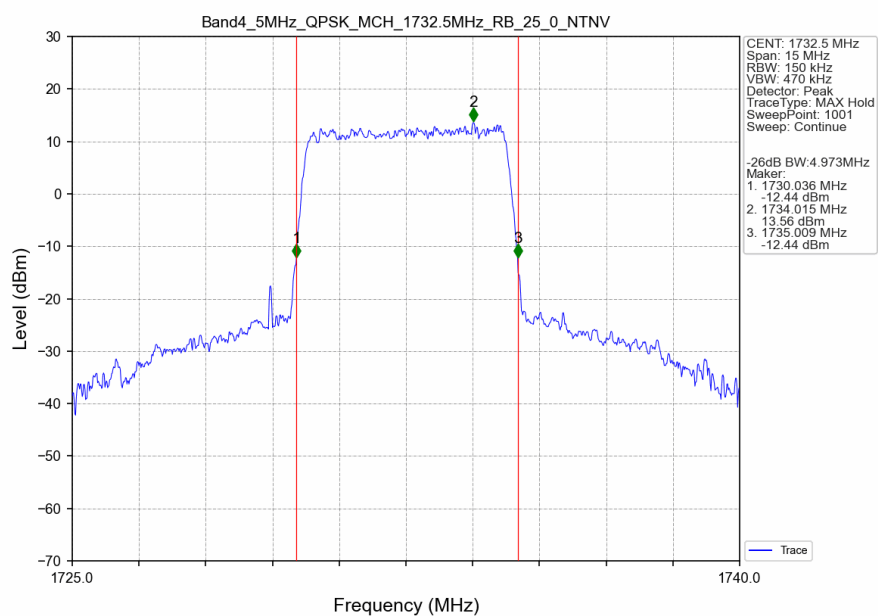
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



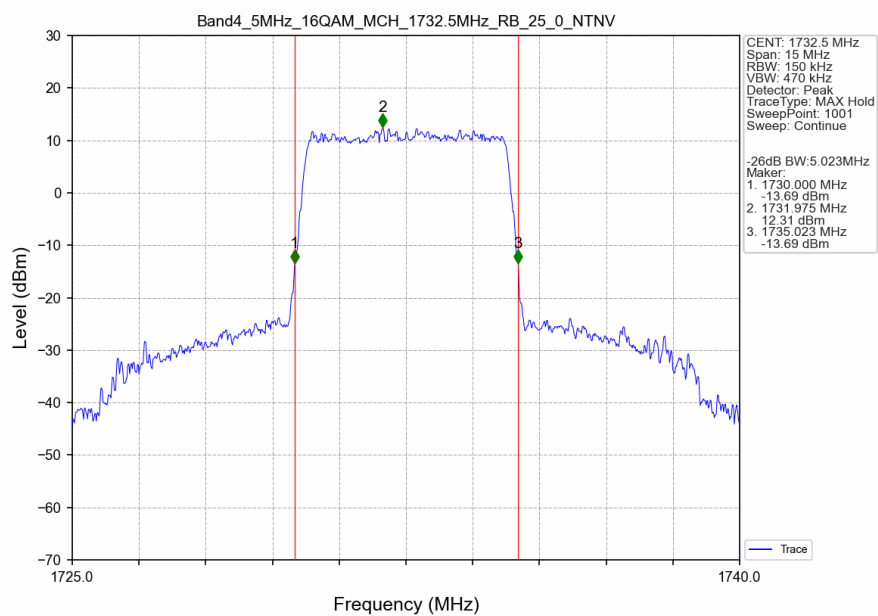
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



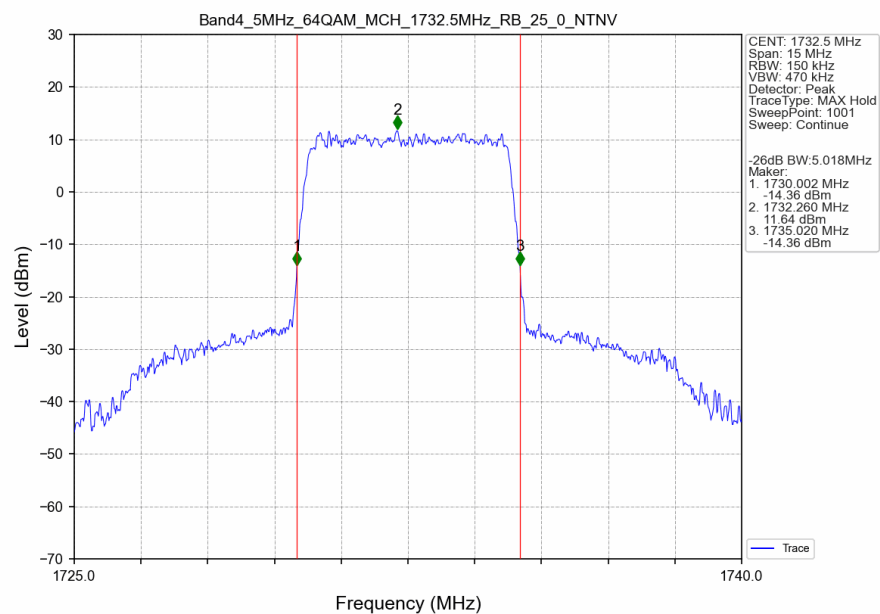
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



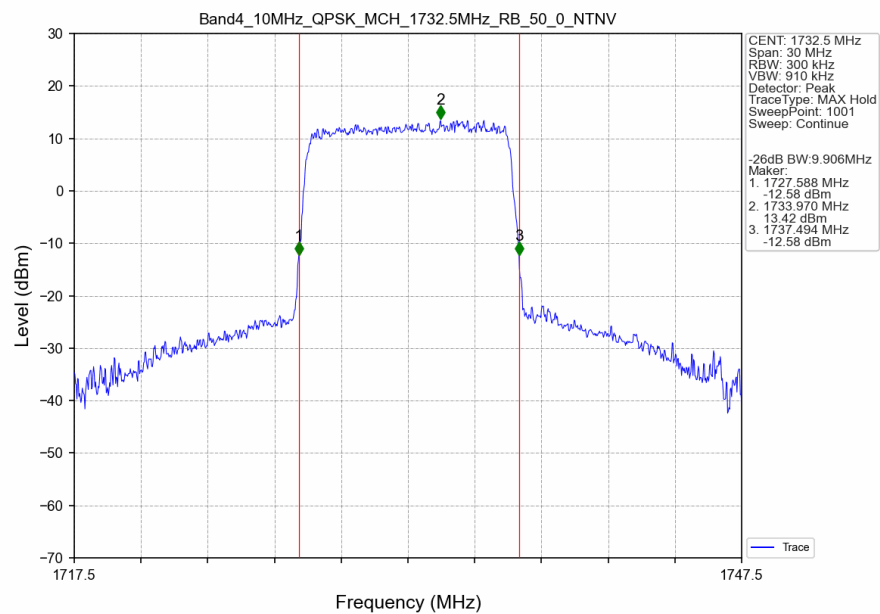
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



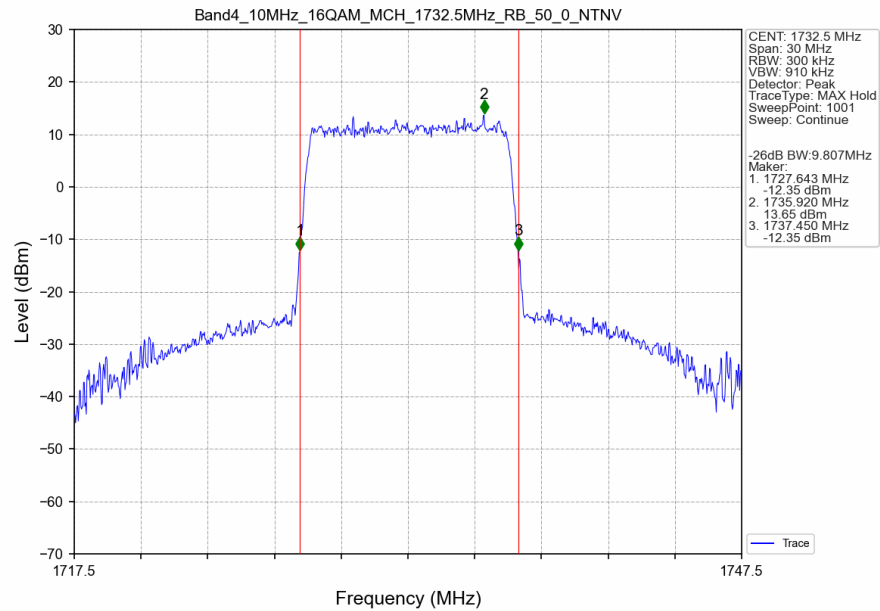
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



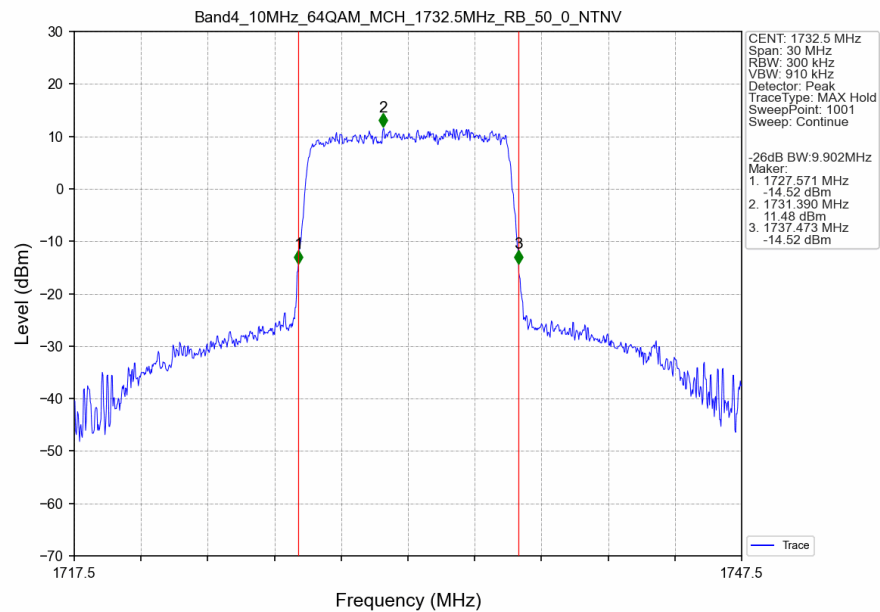
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



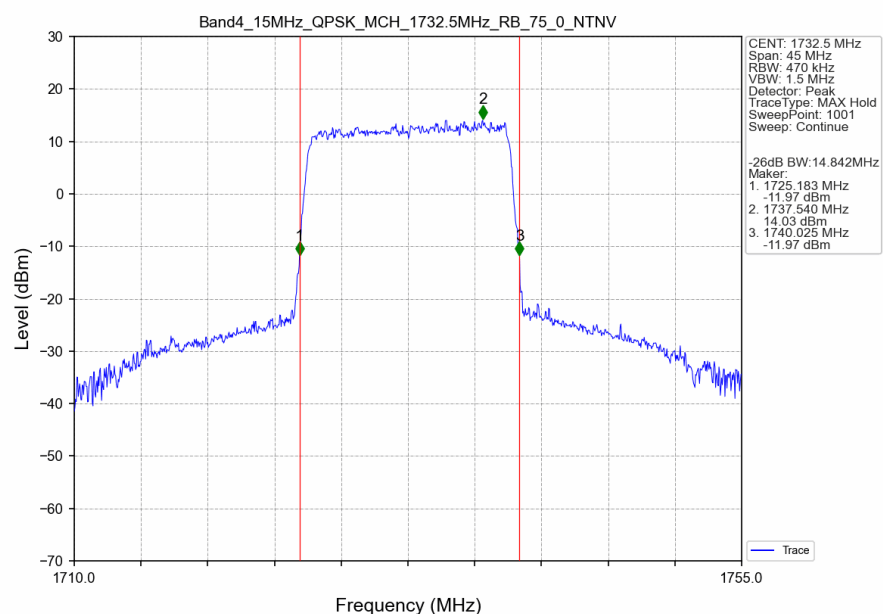
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



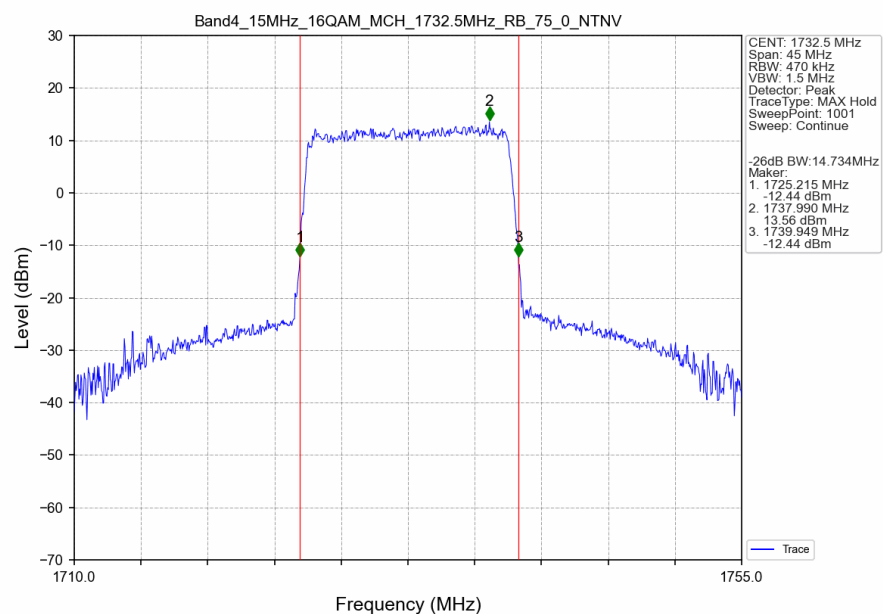
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



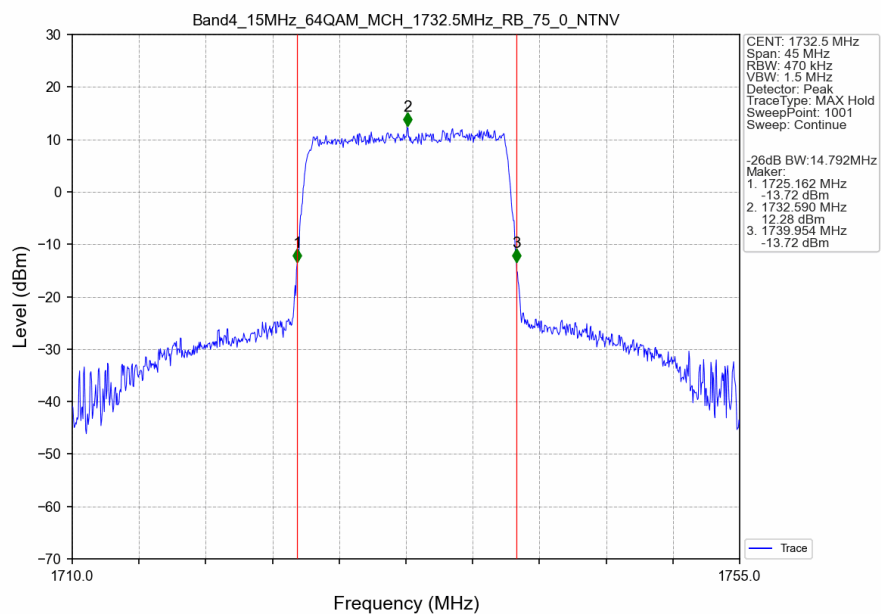
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



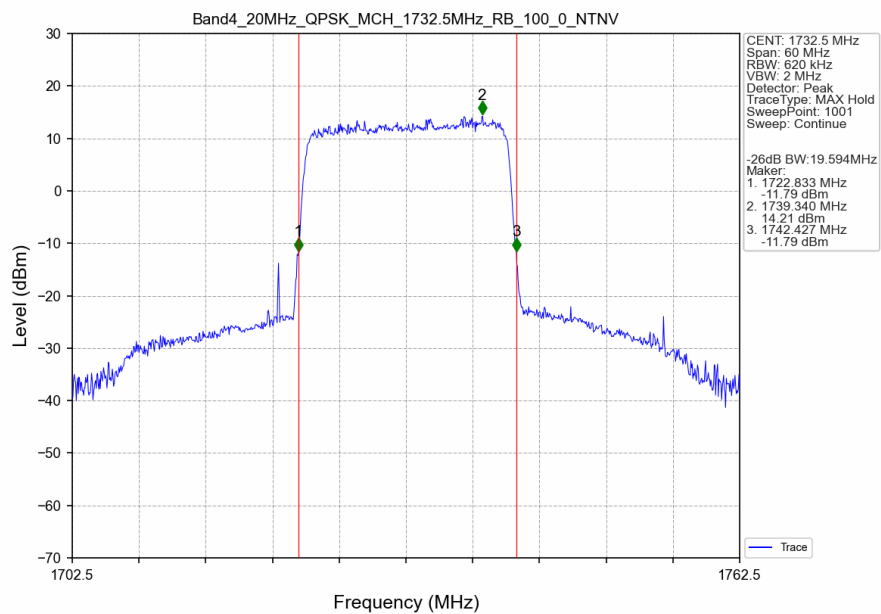
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



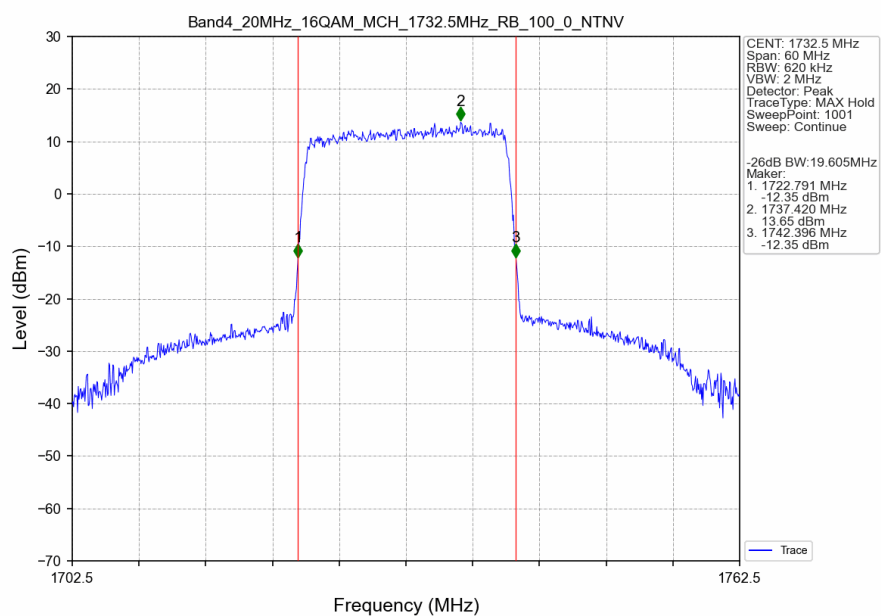
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



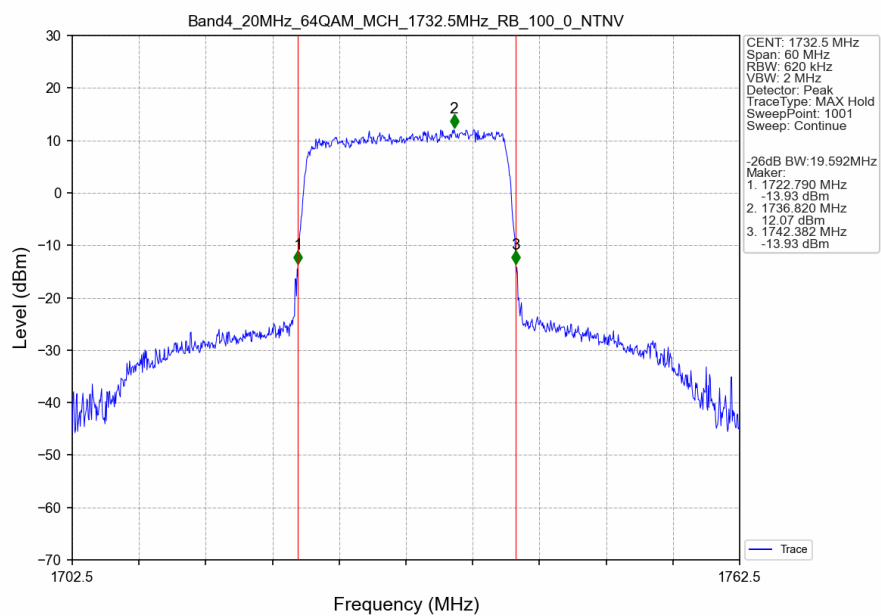
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV





4. Peak-Average Ratio

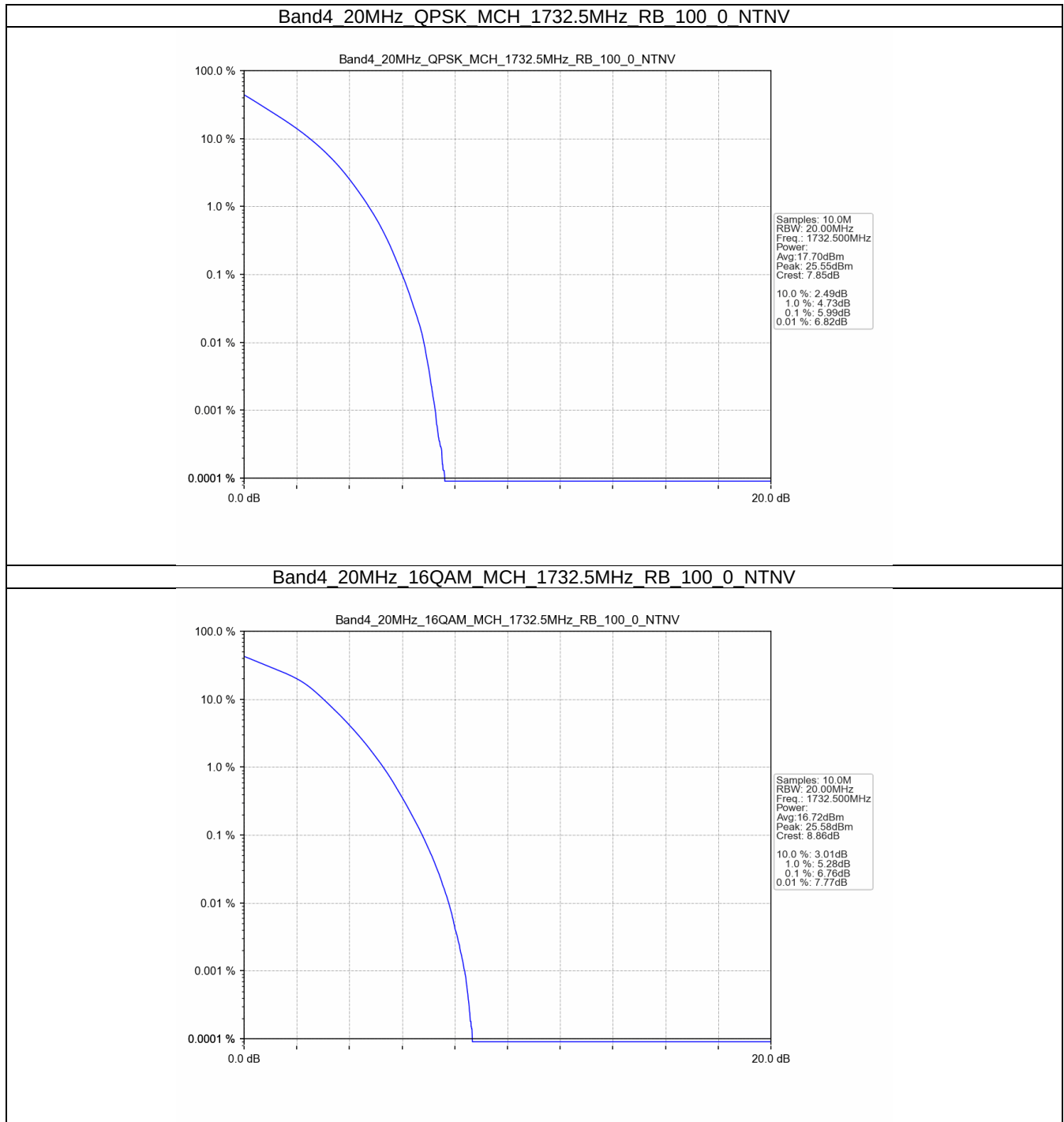
4.1 Test Result

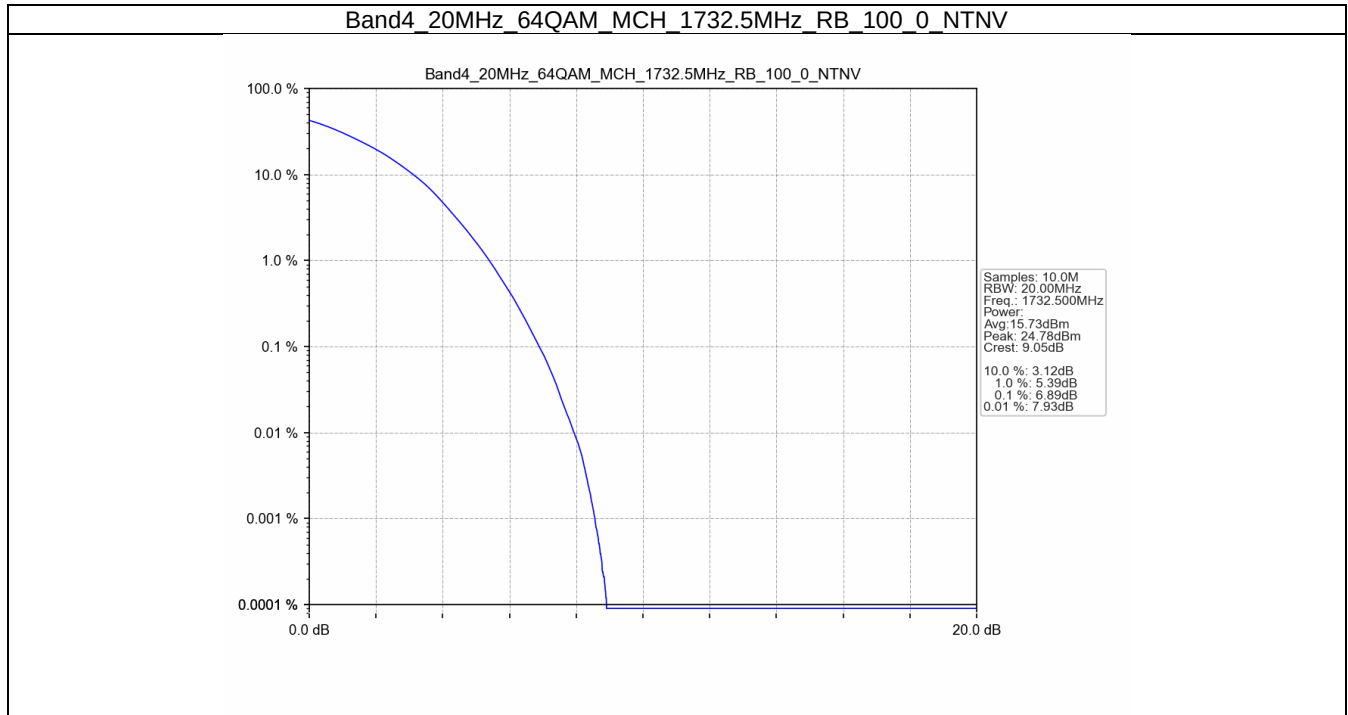
4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.99	<=13	Pass
16QAM	1732.5	100	0	6.76	<=13	Pass
64QAM	1732.5	100	0	6.89	<=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 / NTV						
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	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass

5.1.5 B4_15MHz

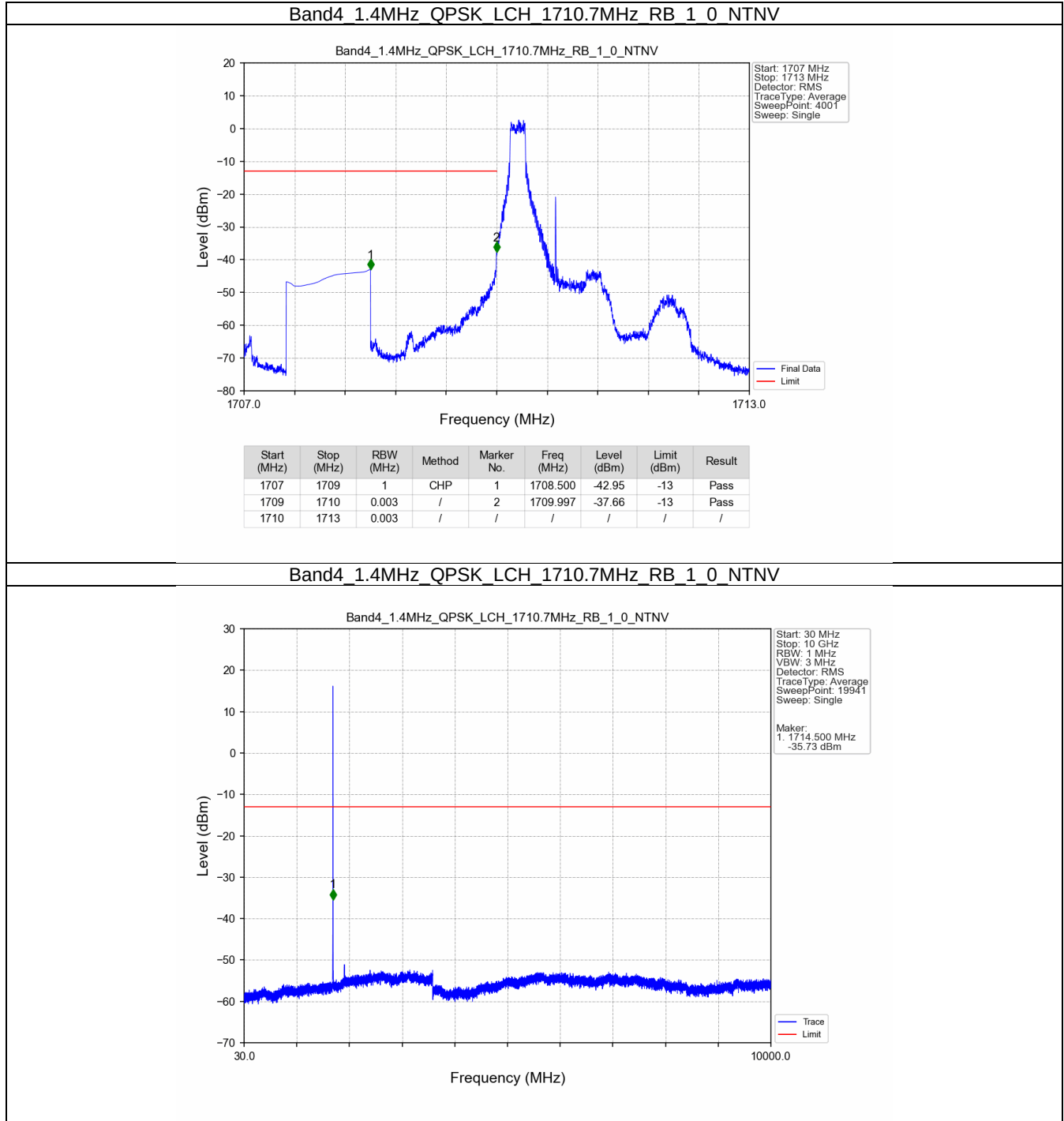
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1747.5	1	0	Refer To Test Graph	
	74			Refer To Test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

5.1.6 B4_20MHz

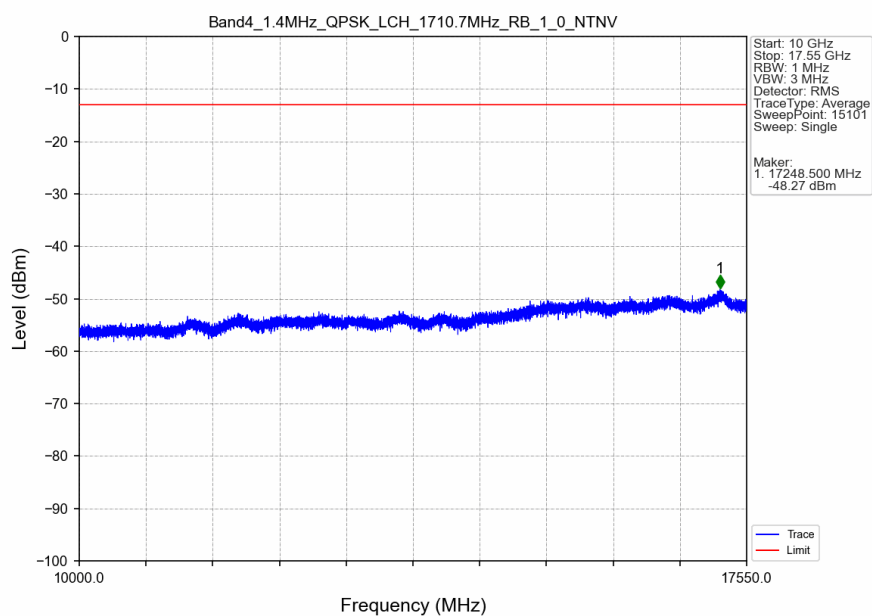
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1745	1	0	Refer To Test Graph	
	99			Refer To Test Graph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

5.2 Test Graph

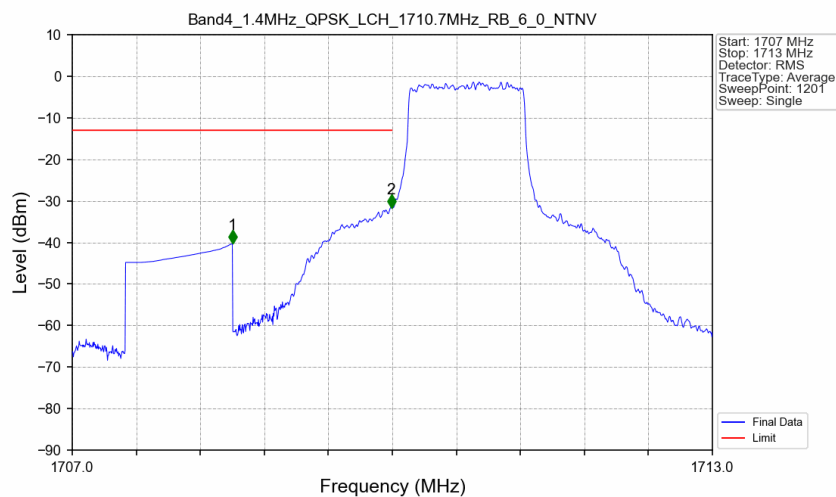
5.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

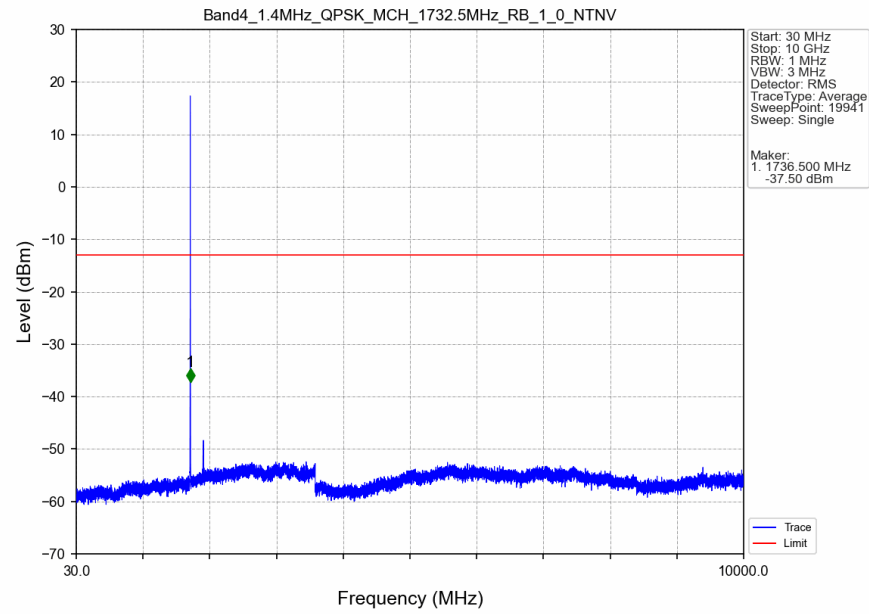


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

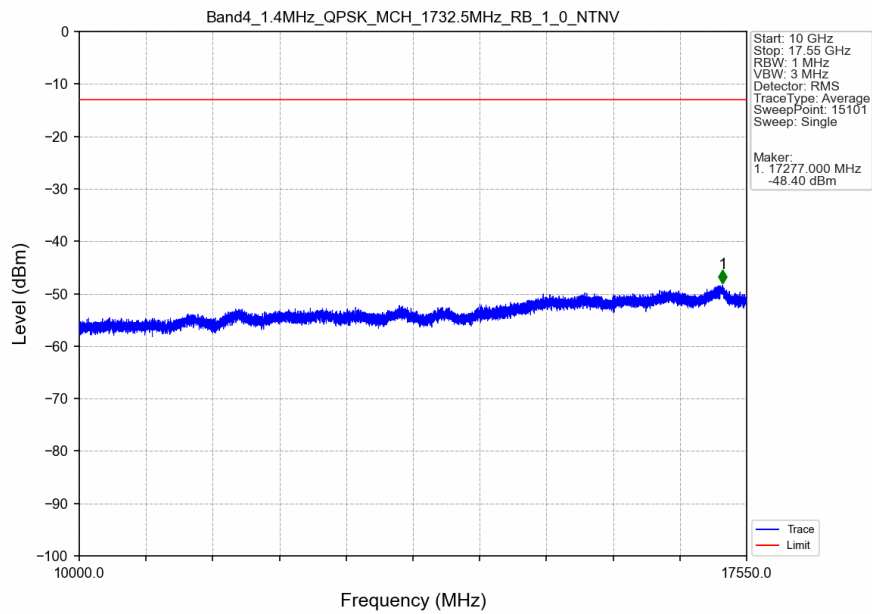


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-40.28	-13	Pass
1709	1710	0.013	CHP	2	1709.990	-31.59	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

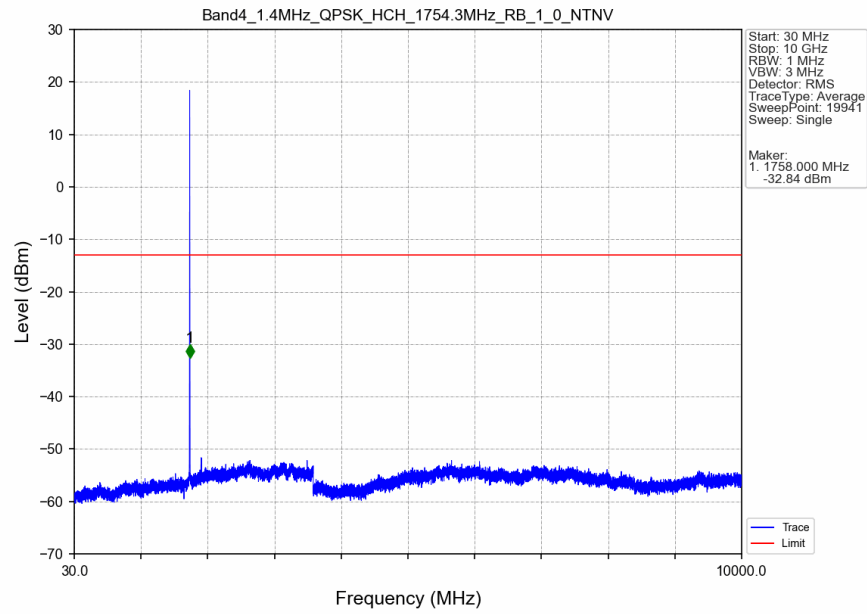
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



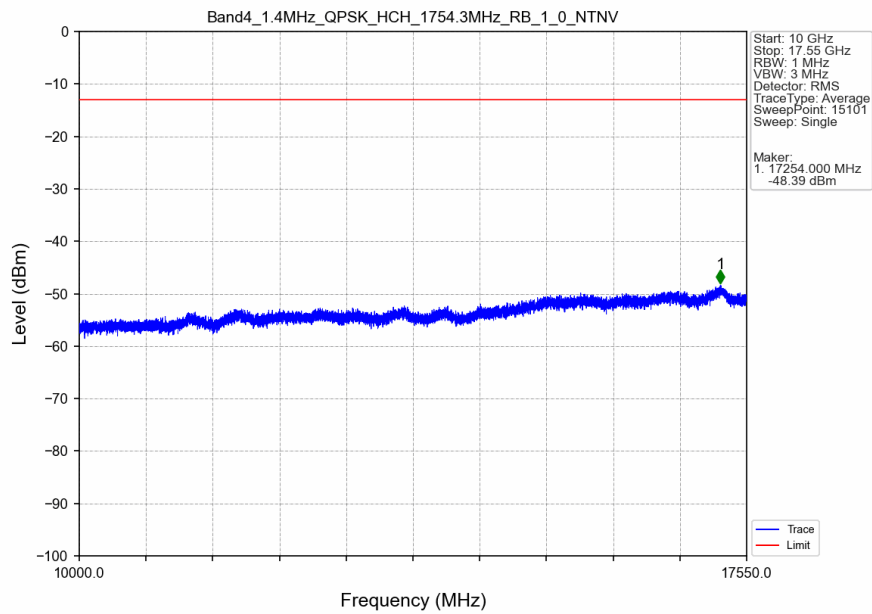
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



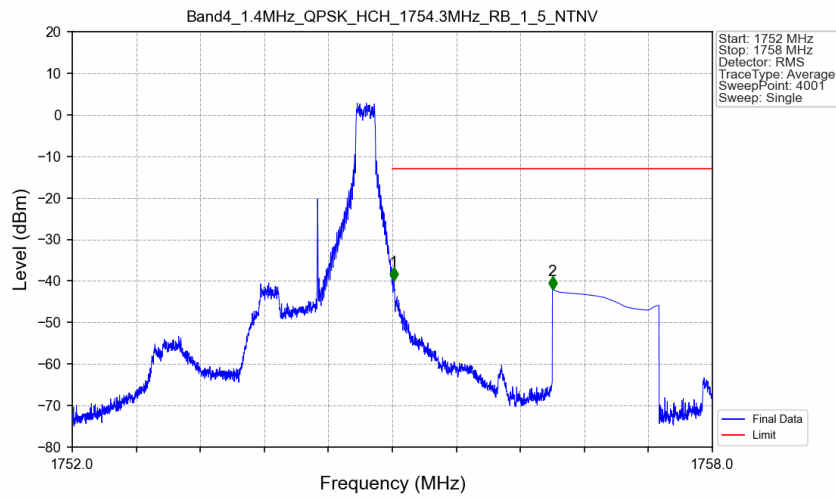
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



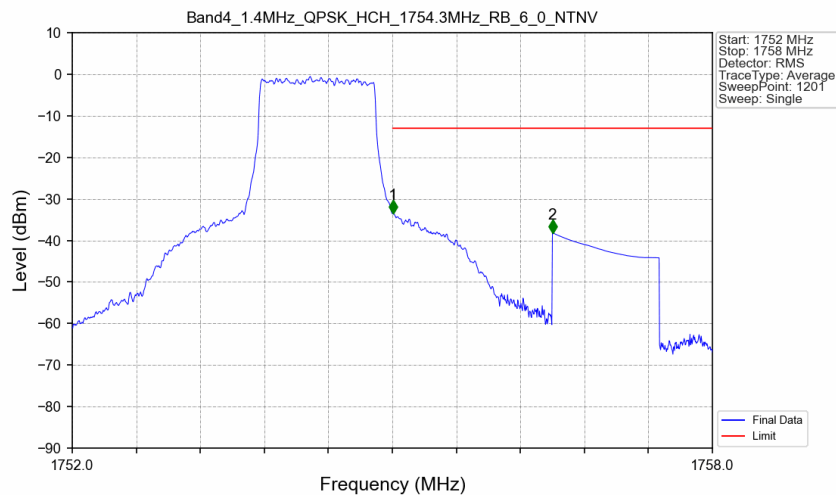
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV

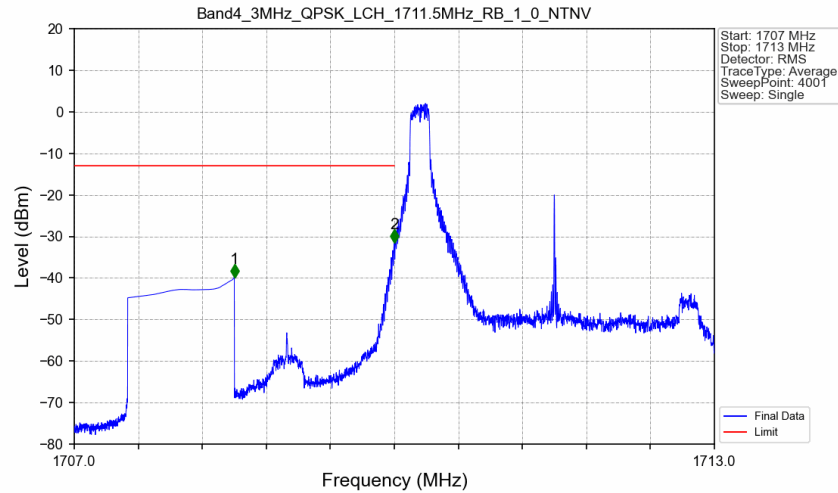


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

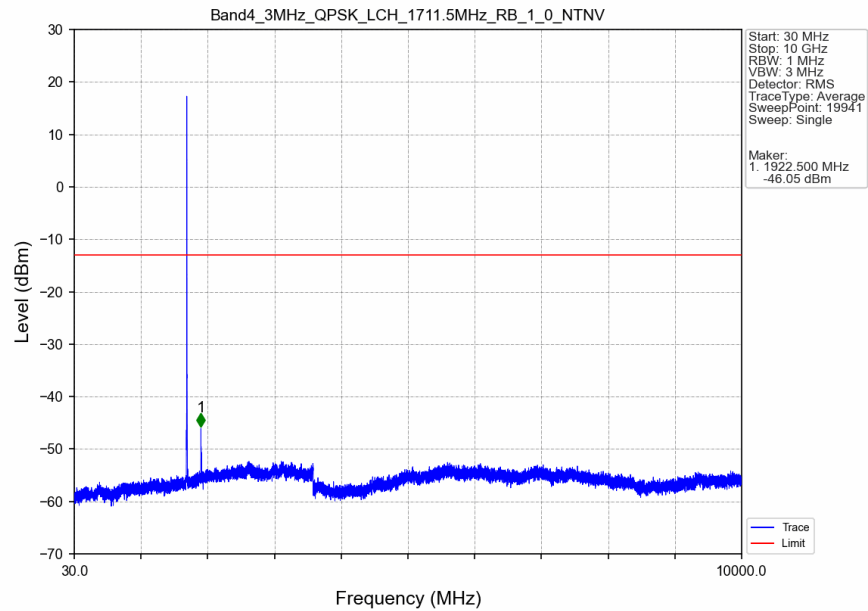


5.2.2 B4_3MHz

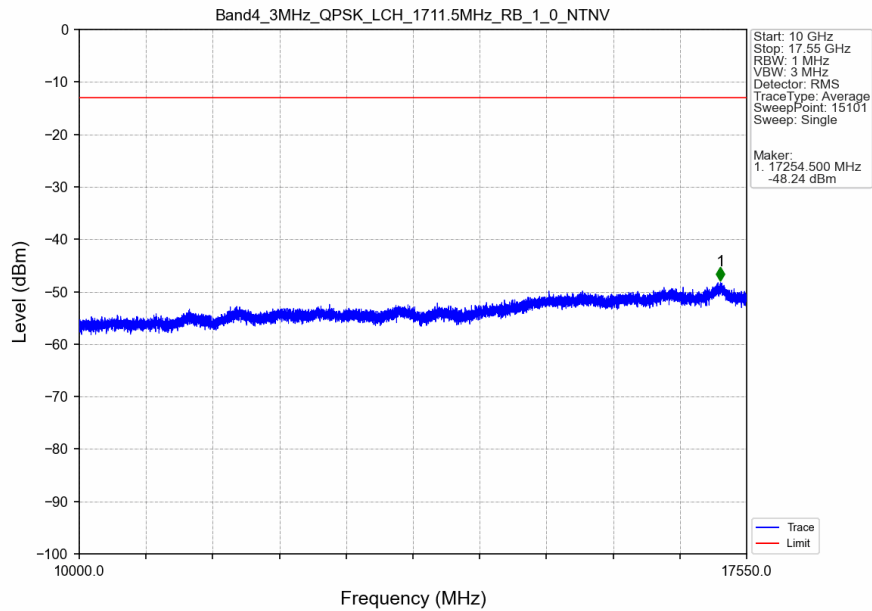
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN



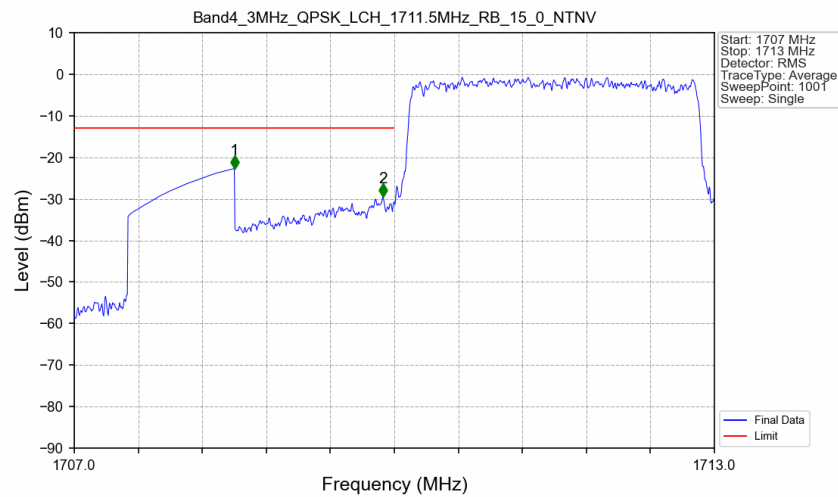
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

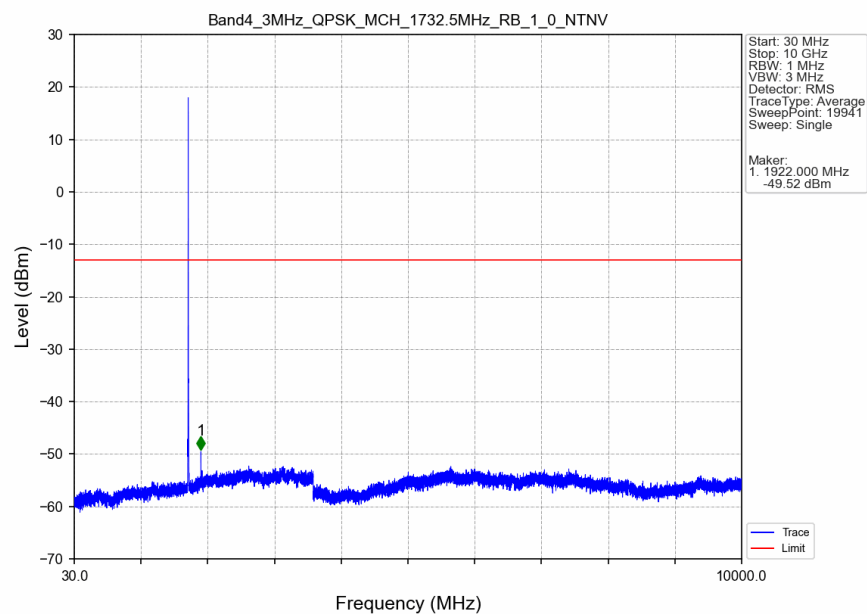


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

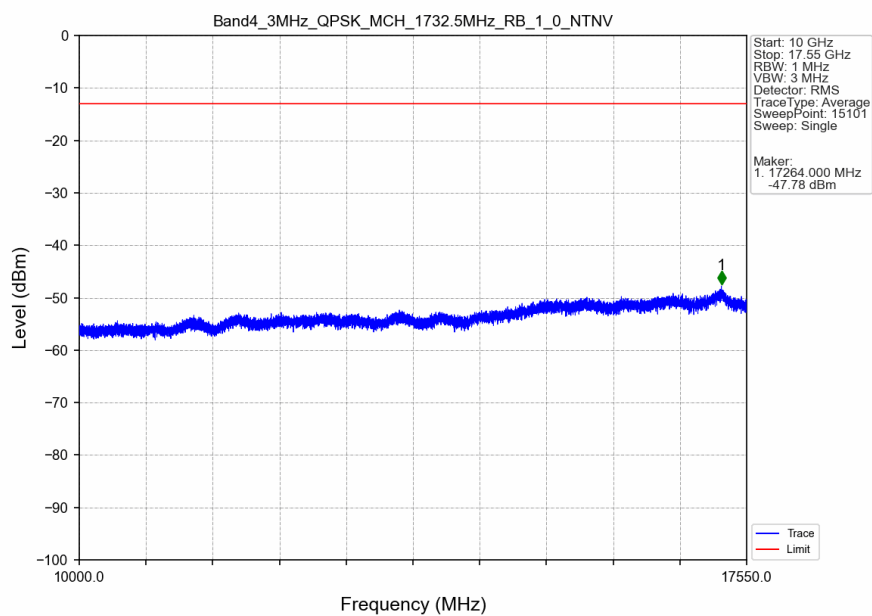


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-22.70	-13	Pass
1709	1710	0.03	/	2	1709.892	-29.54	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

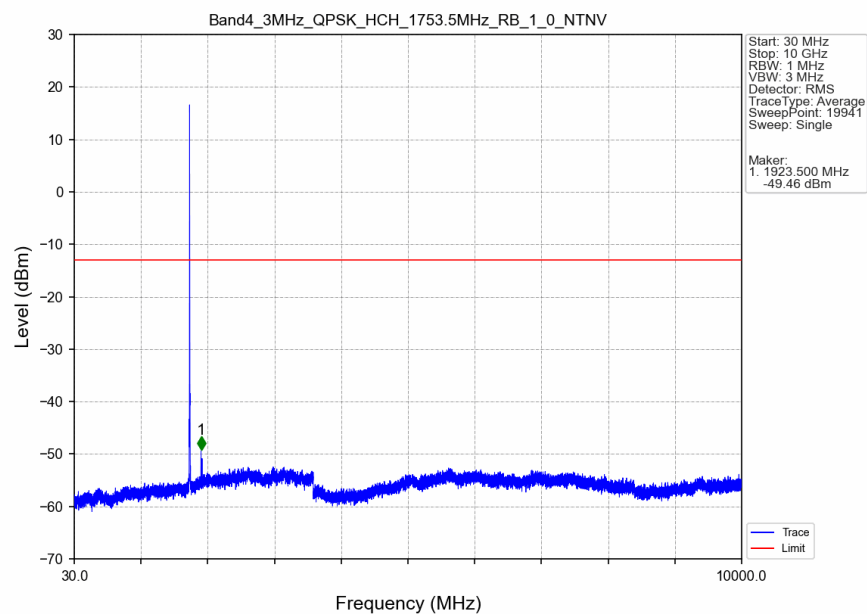
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



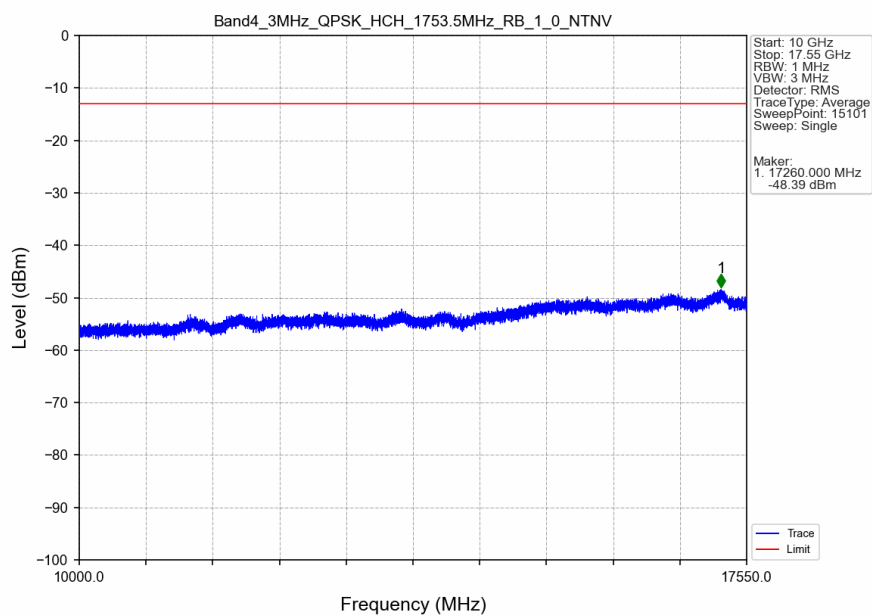
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



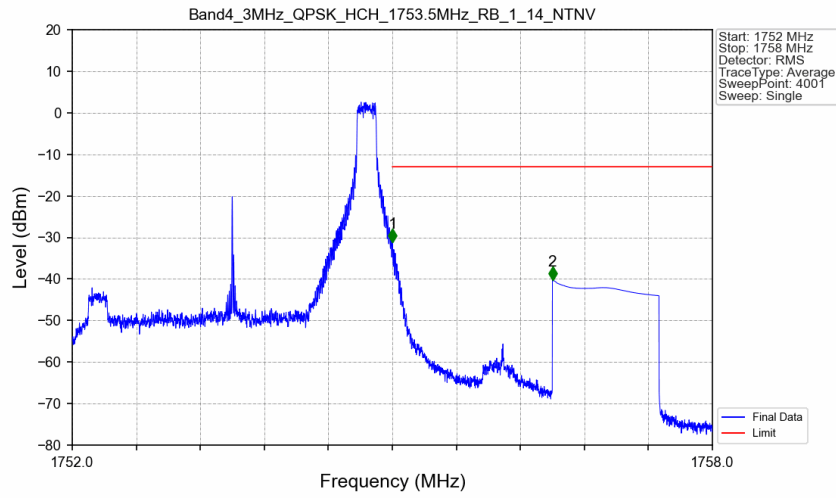
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



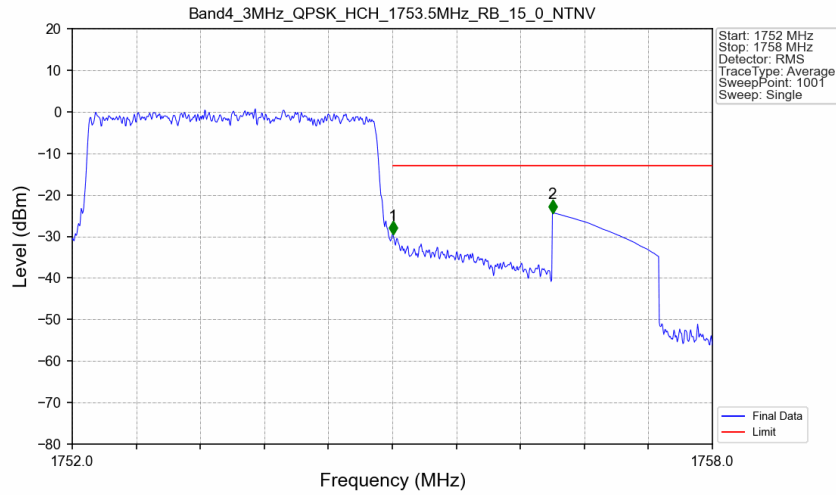
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



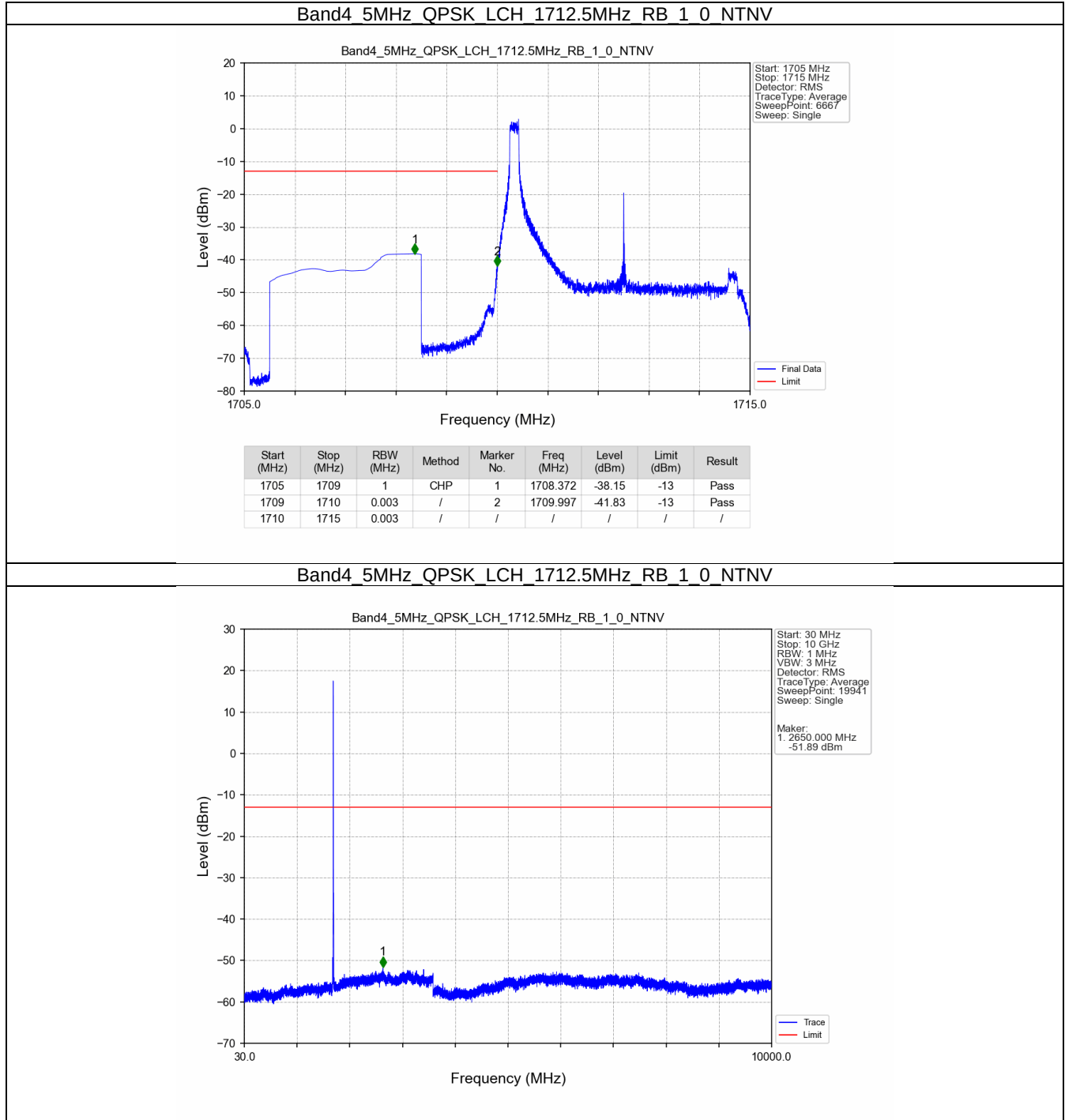
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



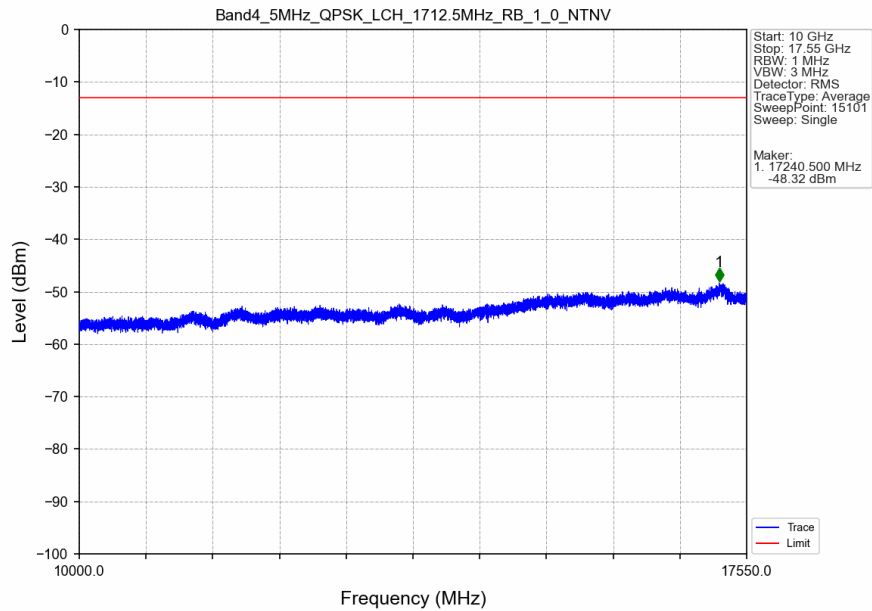
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



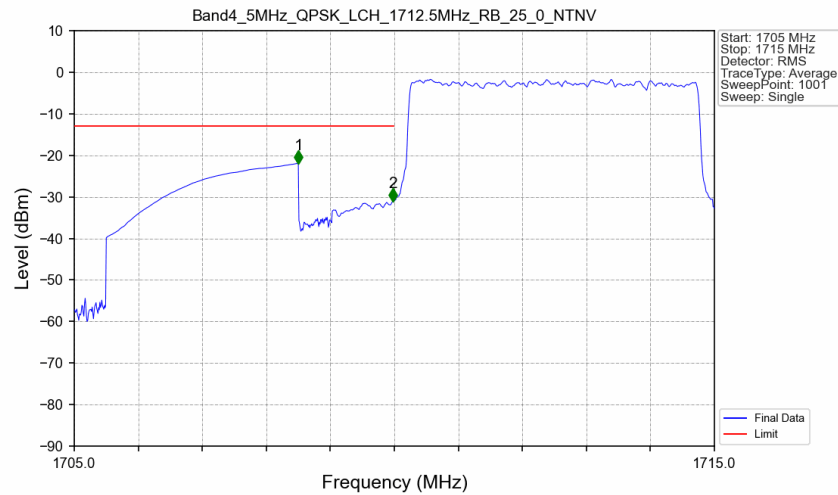
5.2.3 B4_5MHz



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

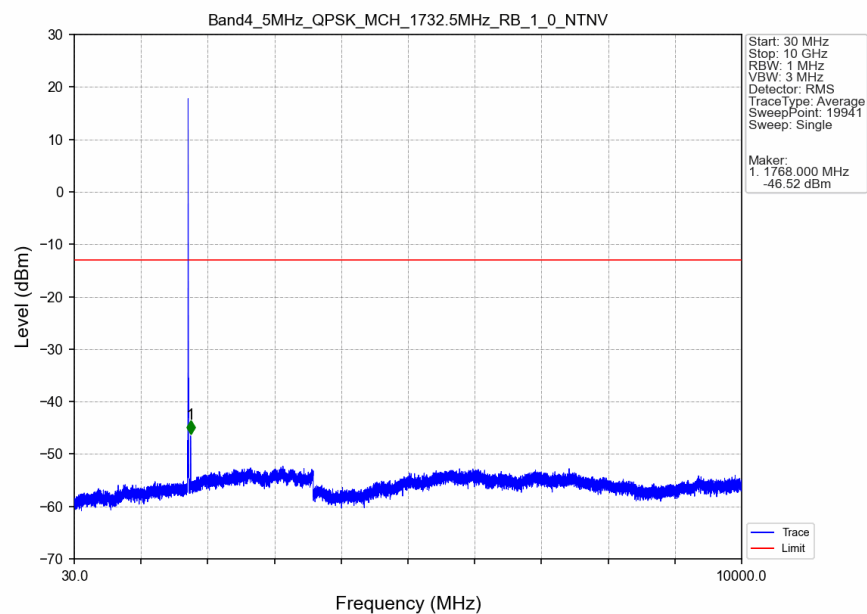


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

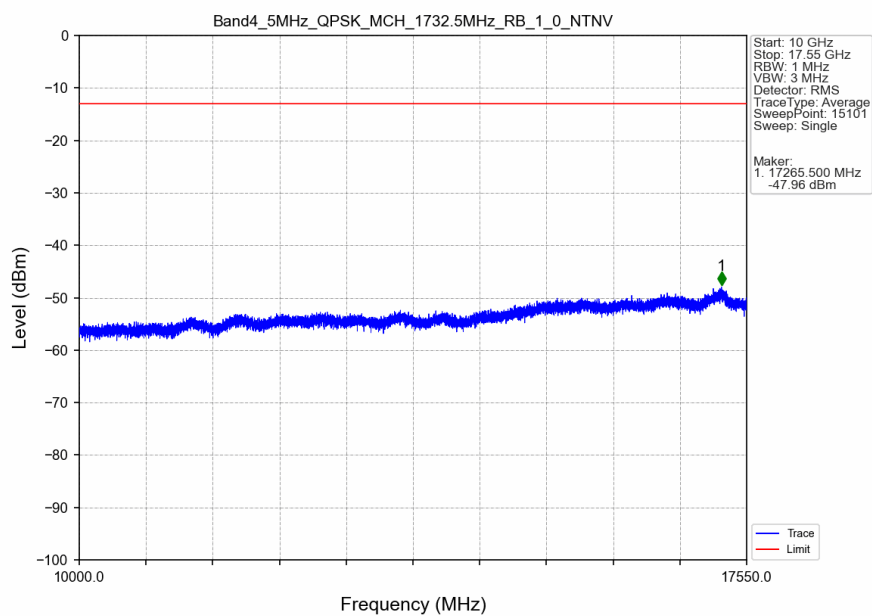


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-21.92	-13	Pass
1709	1710	0.05	CHP	2	1709.980	-31.11	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

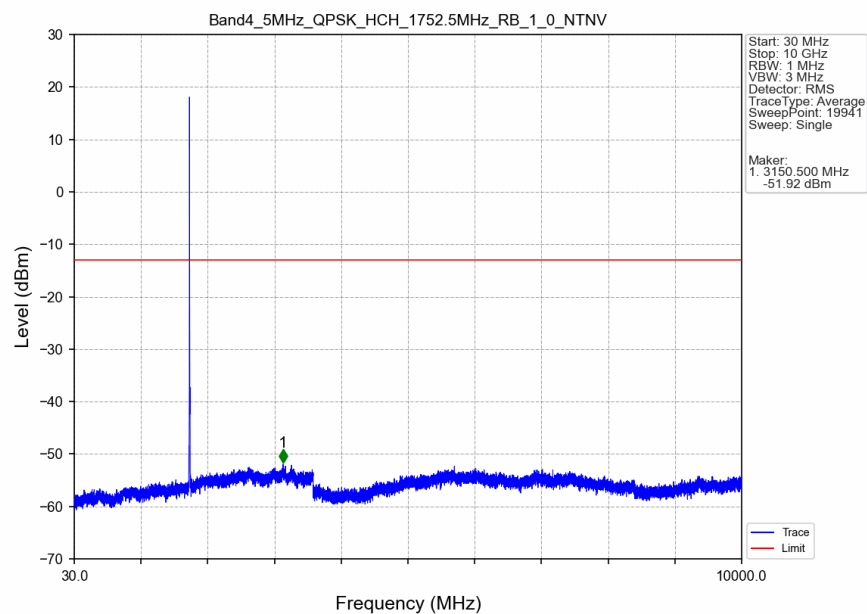
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



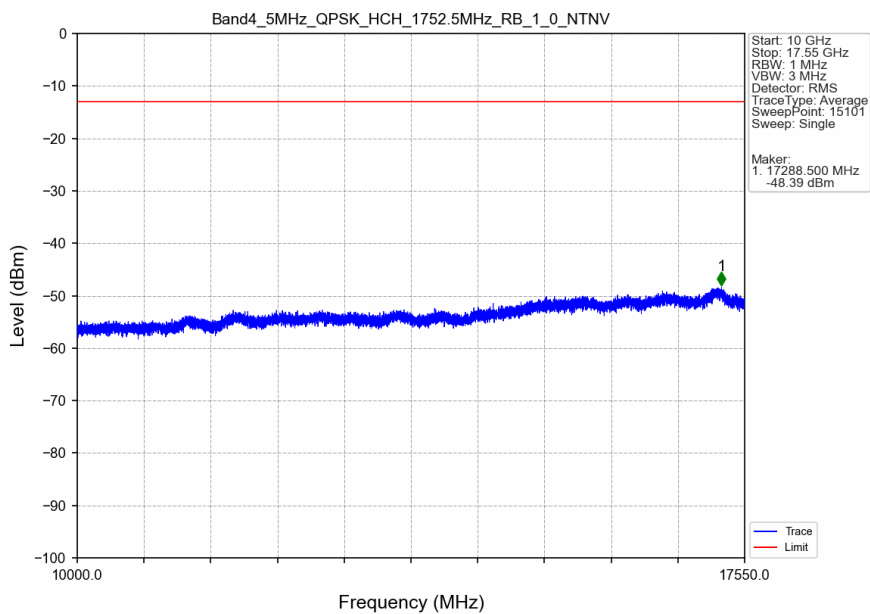
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



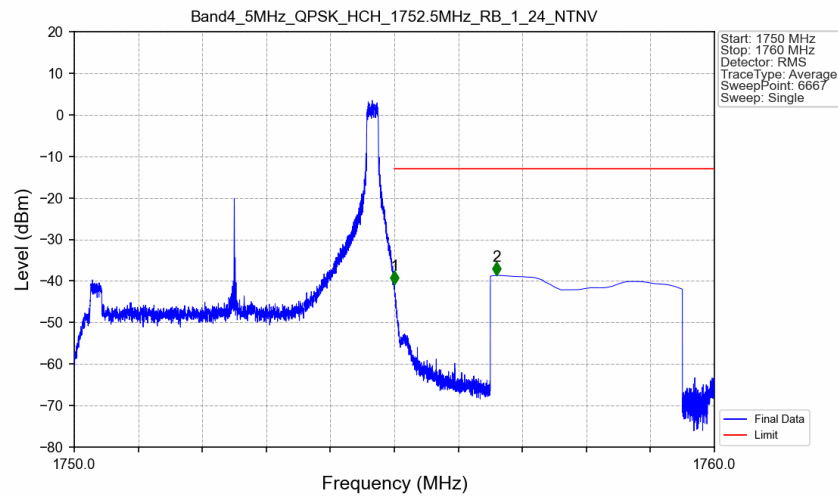
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



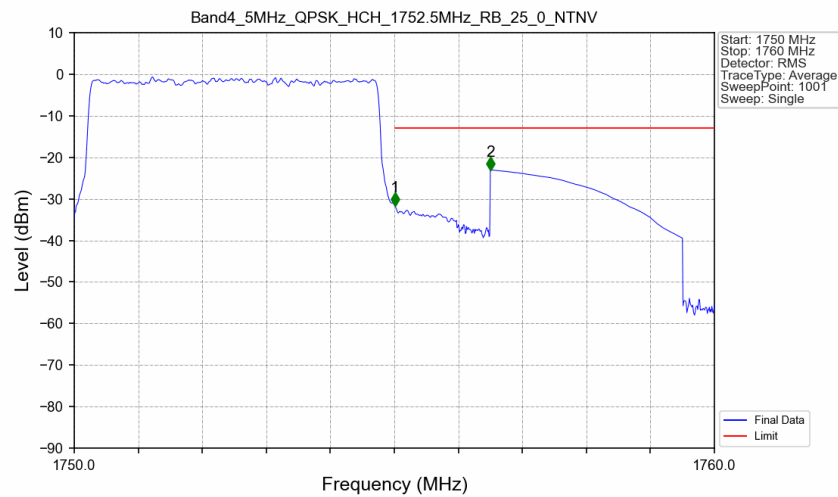
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



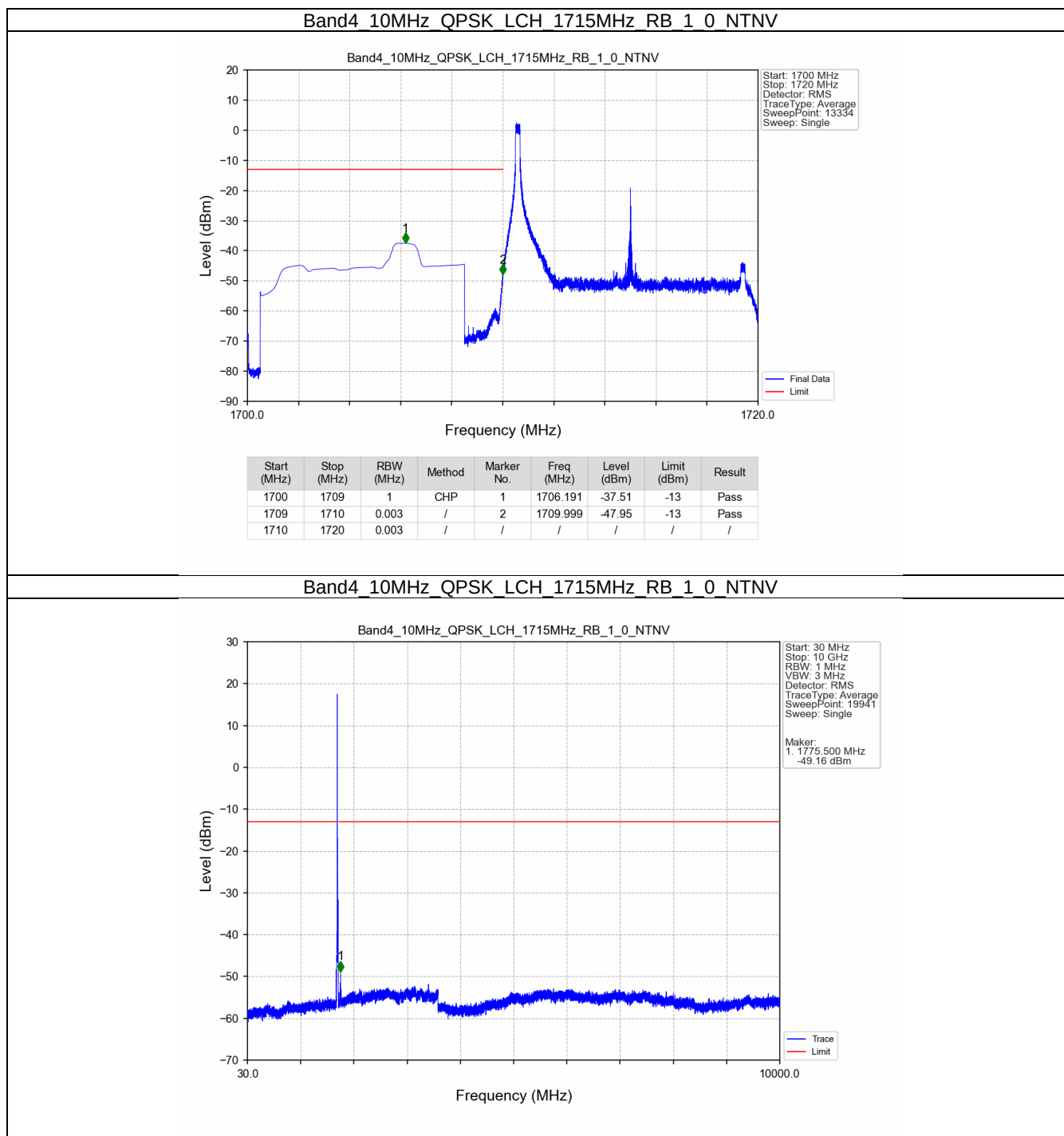
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



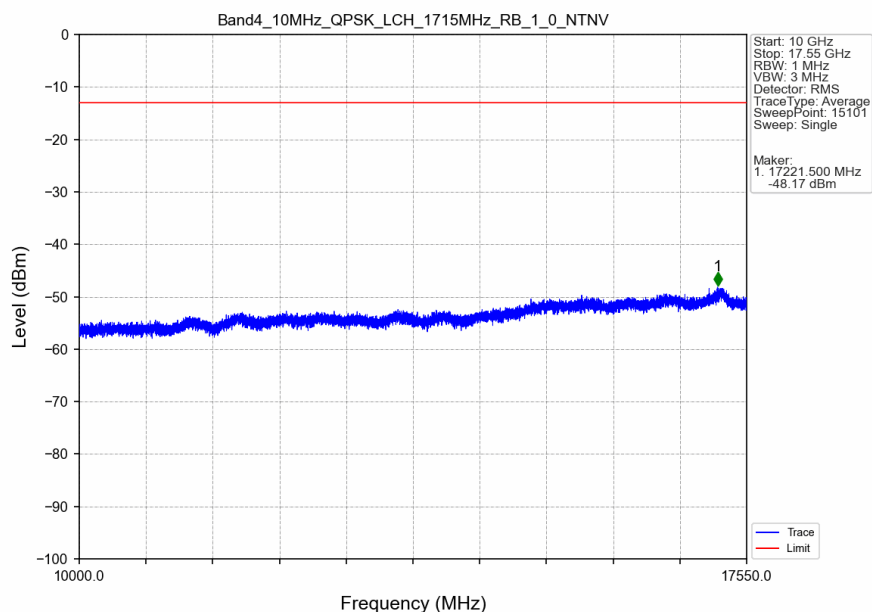
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



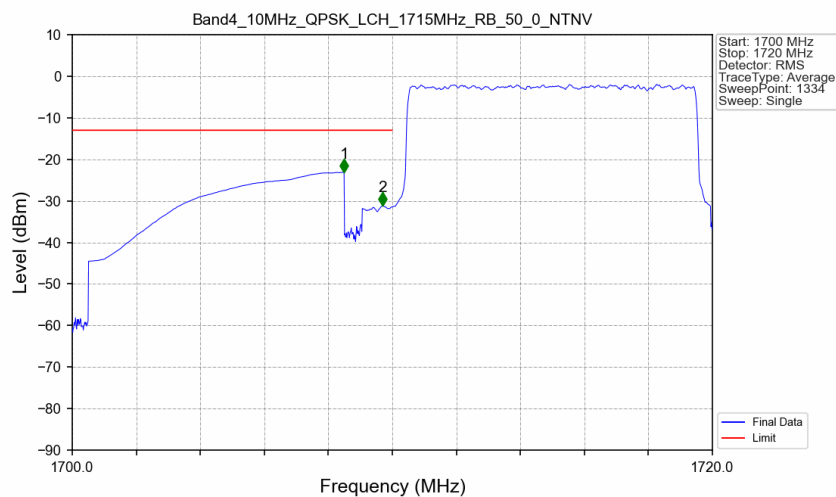
5.2.4 B4_10MHz



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

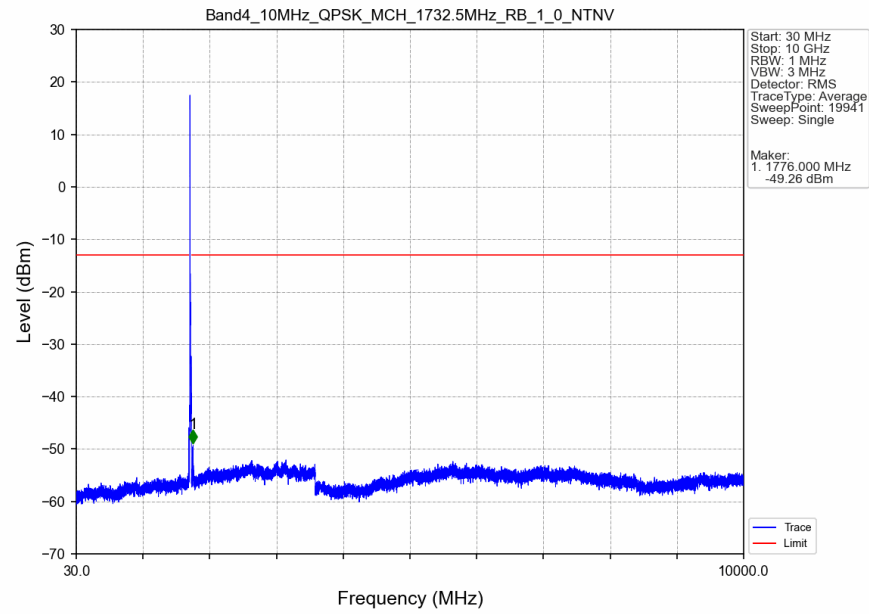


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

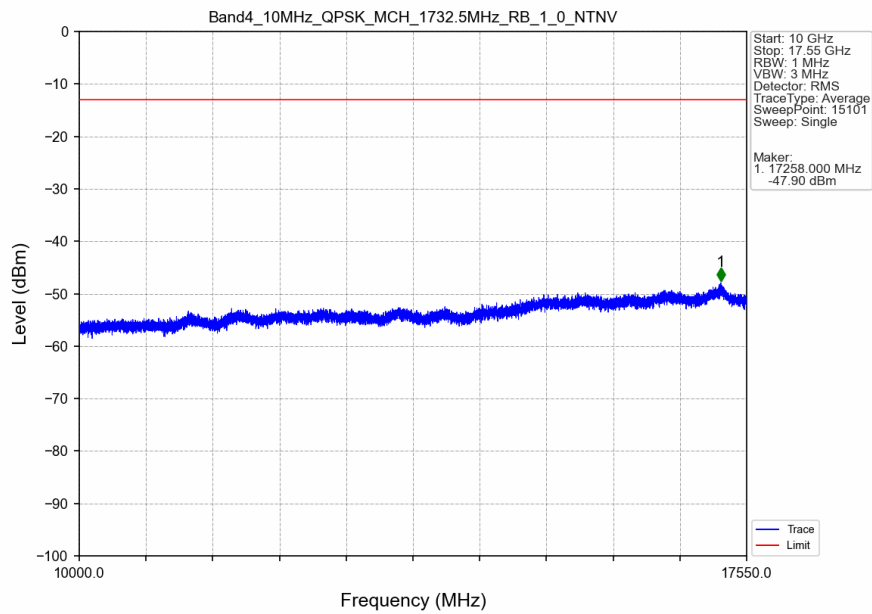


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.492	-23.10	-13	Pass
1709	1710	0.099	CHP	2	1709.692	-31.19	-13	Pass
1710	1720	0.099	CHP	/	/	/	/	/

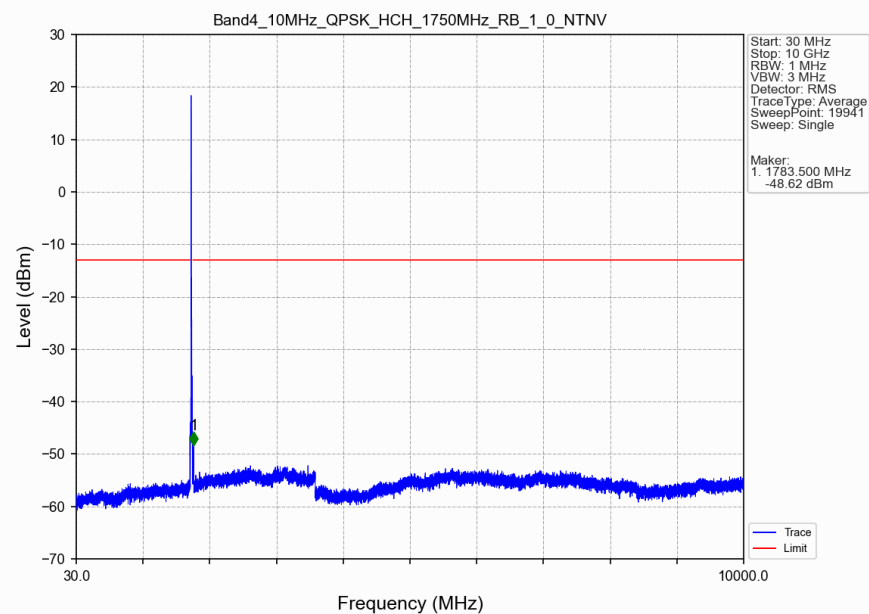
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



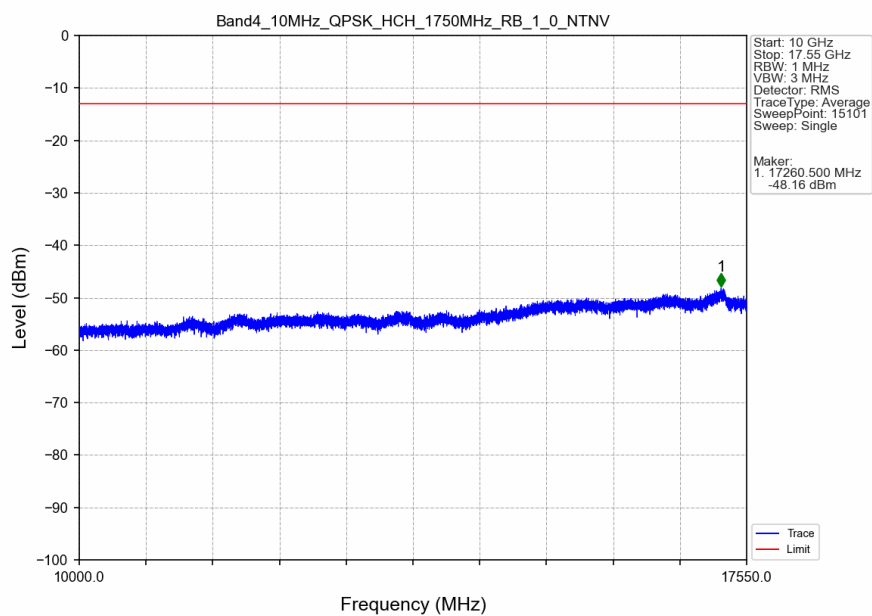
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



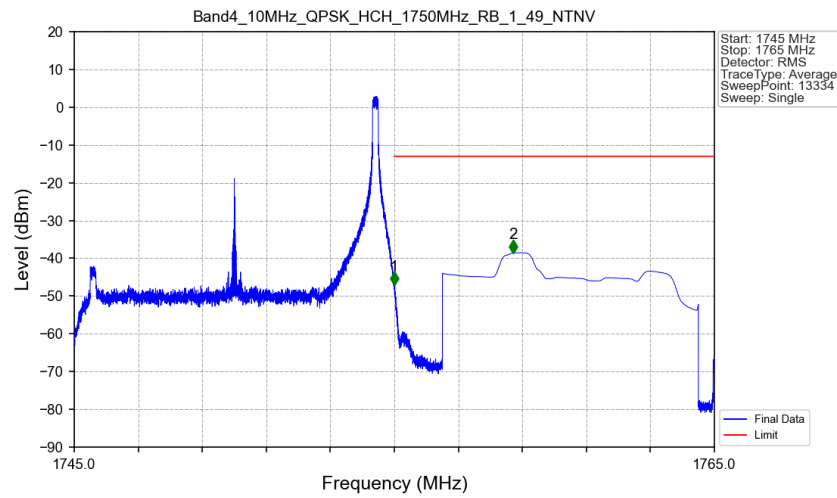
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



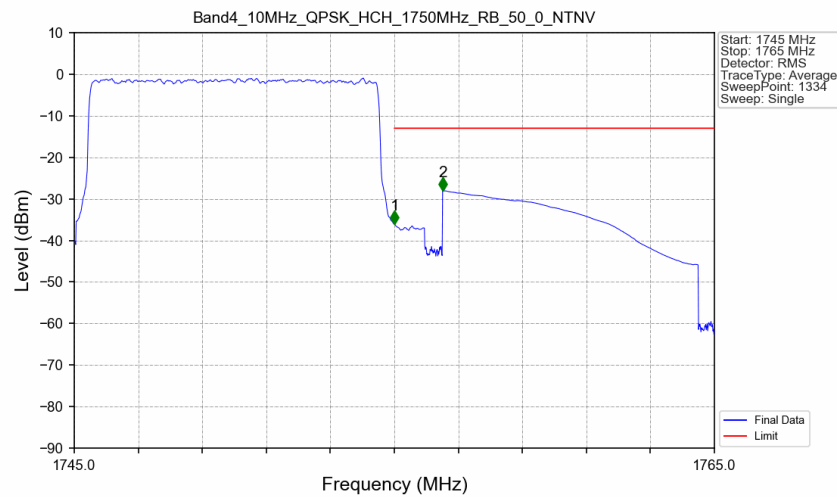
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



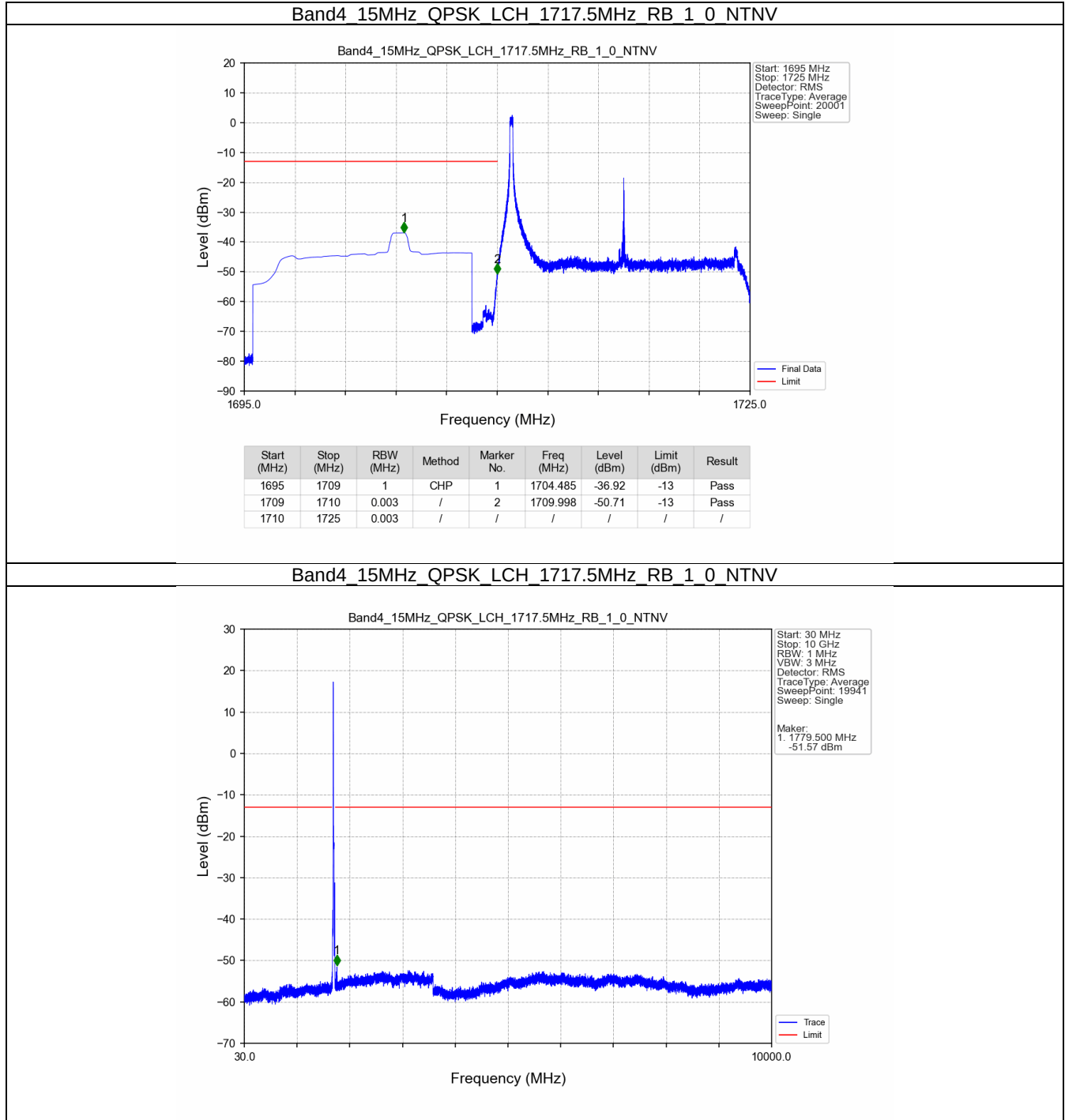
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



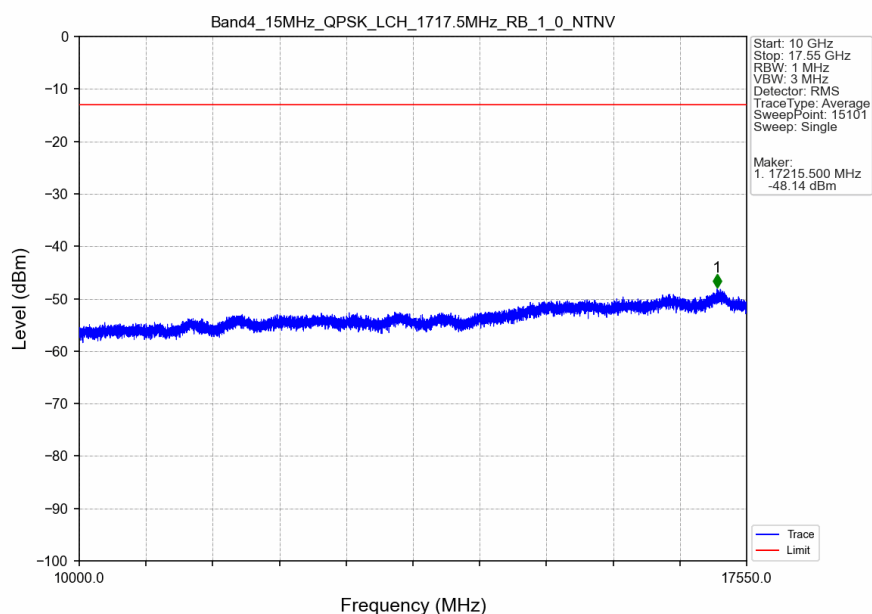
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



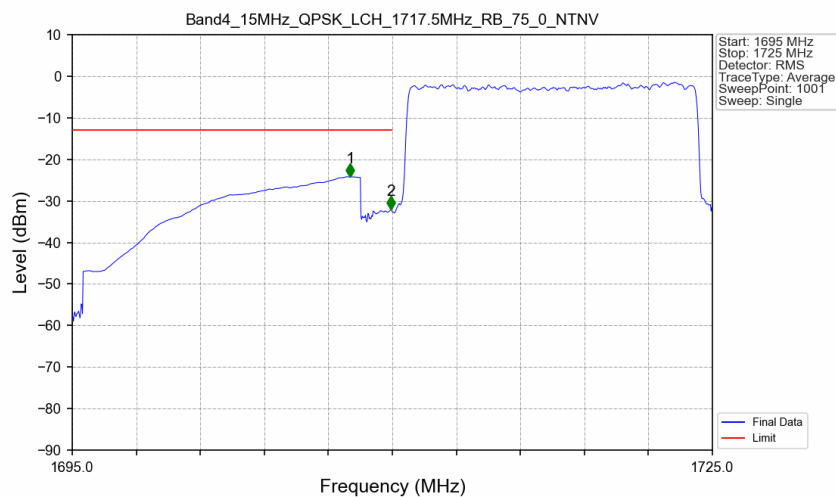
5.2.5 B4_15MHz



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

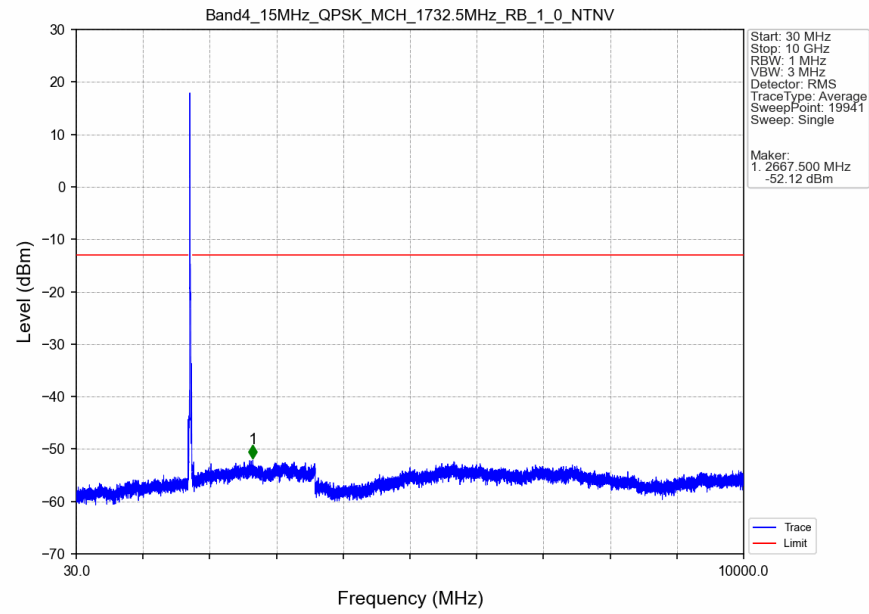


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

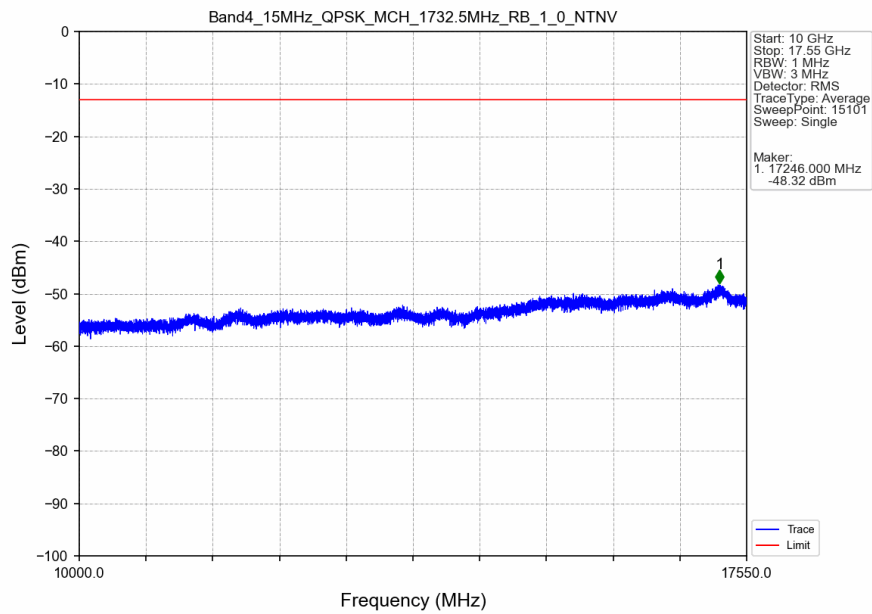


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.020	-24.20	-13	Pass
1709	1710	0.148	CHP	2	1709.940	-32.09	-13	Pass
1710	1725	0.148	CHP	/	/	/	/	/

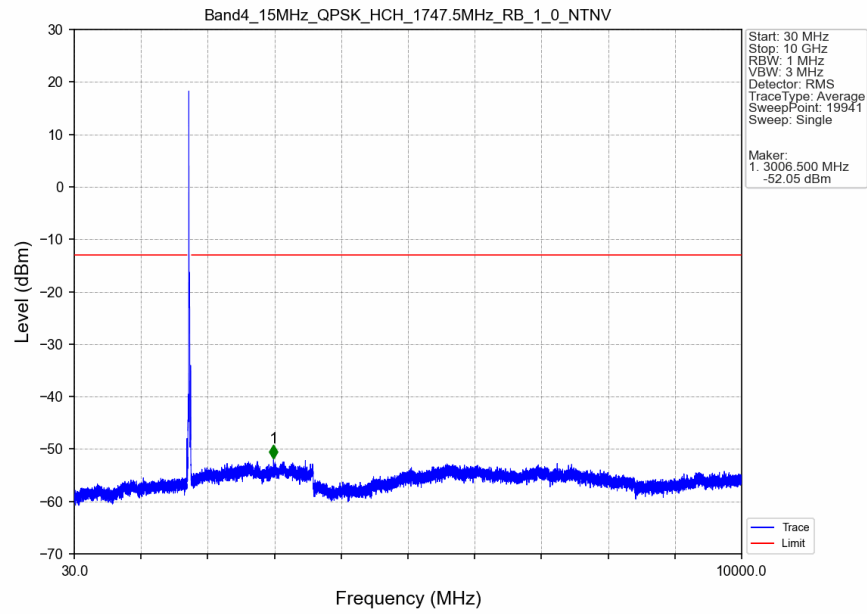
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



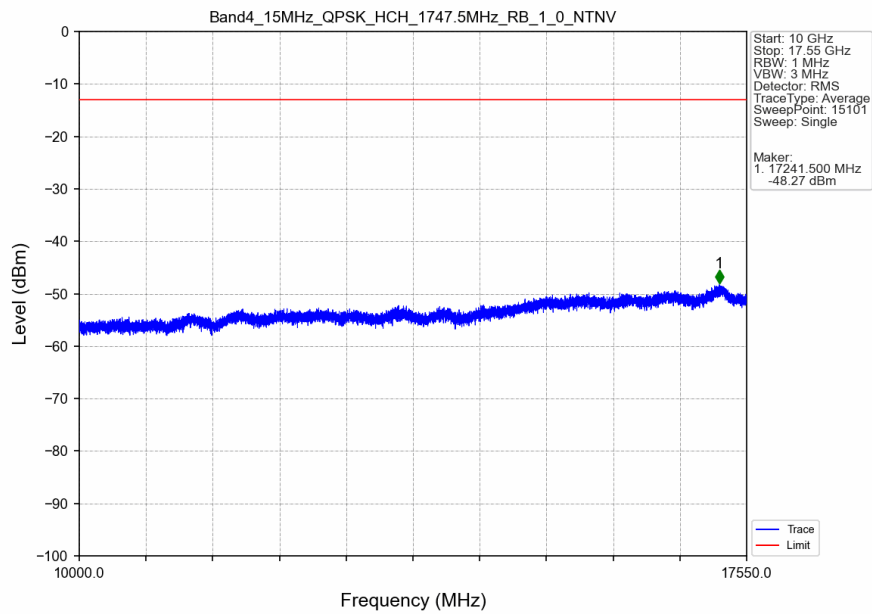
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



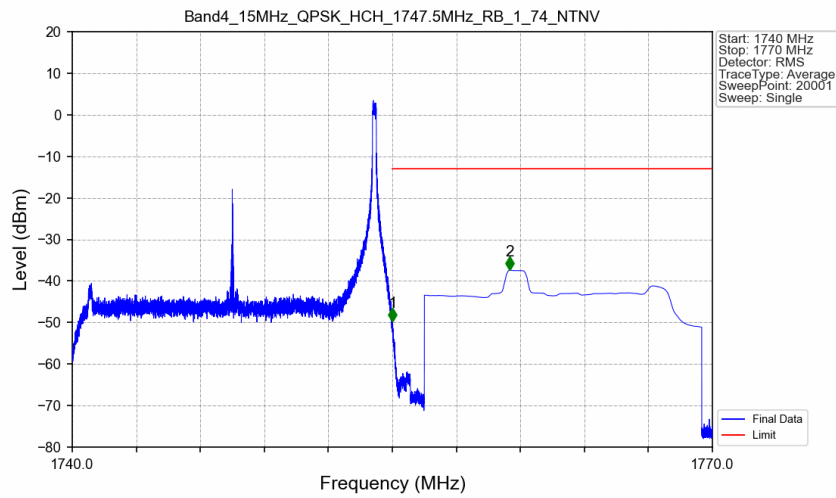
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



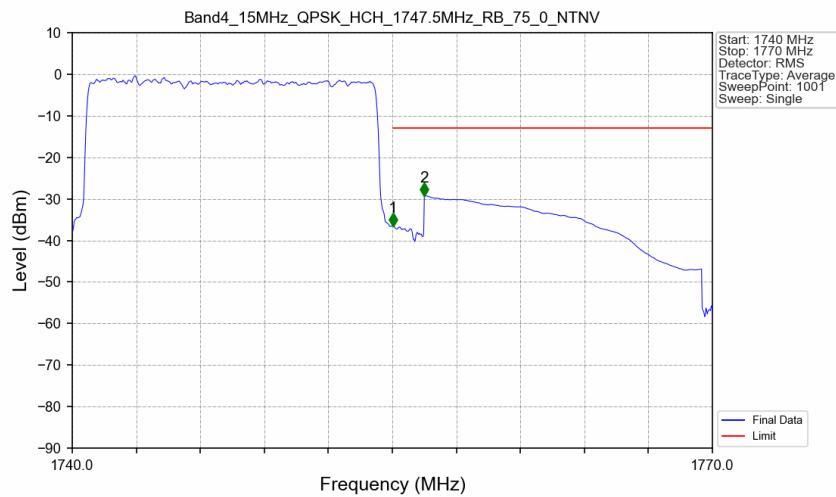
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV

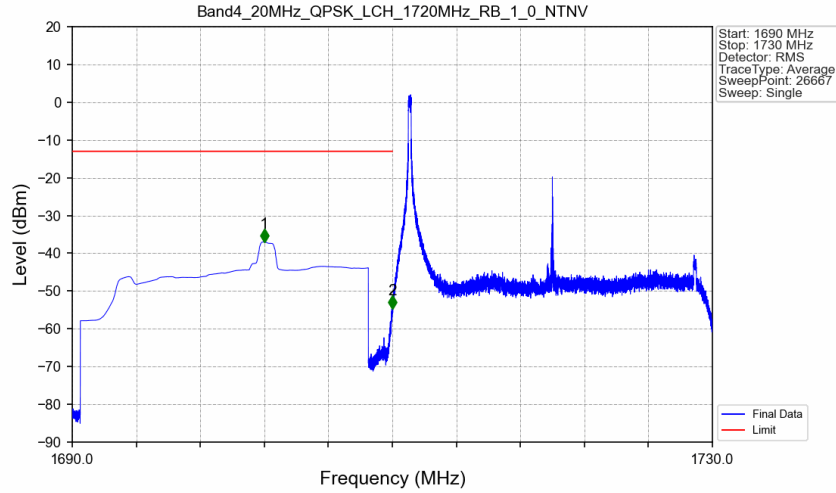


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

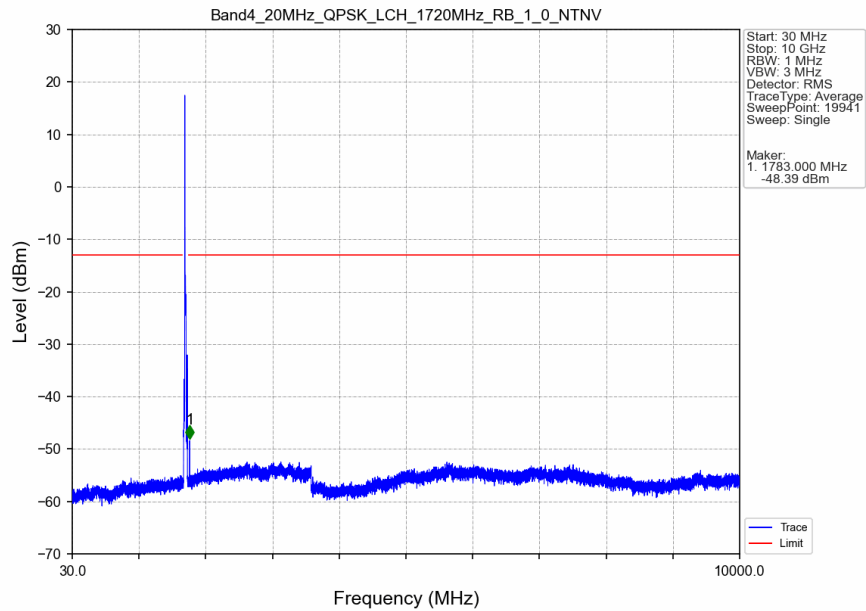


5.2.6 B4_20MHz

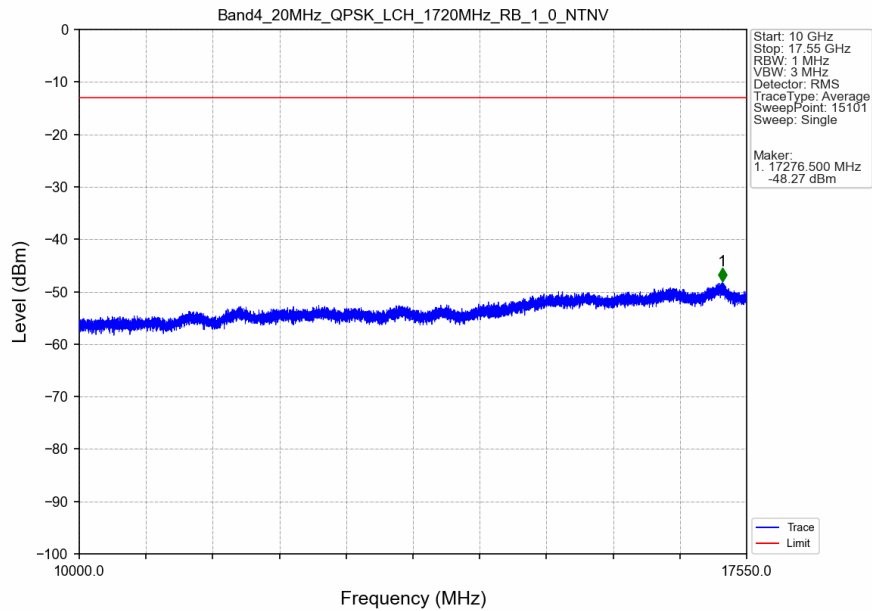
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



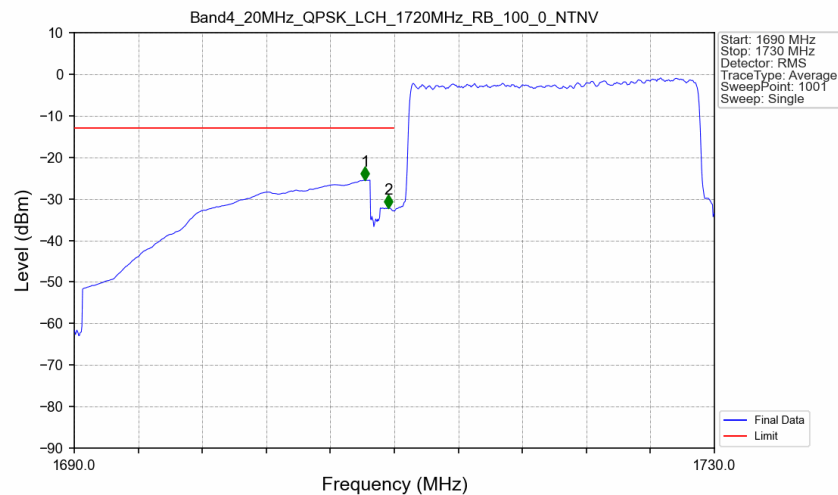
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

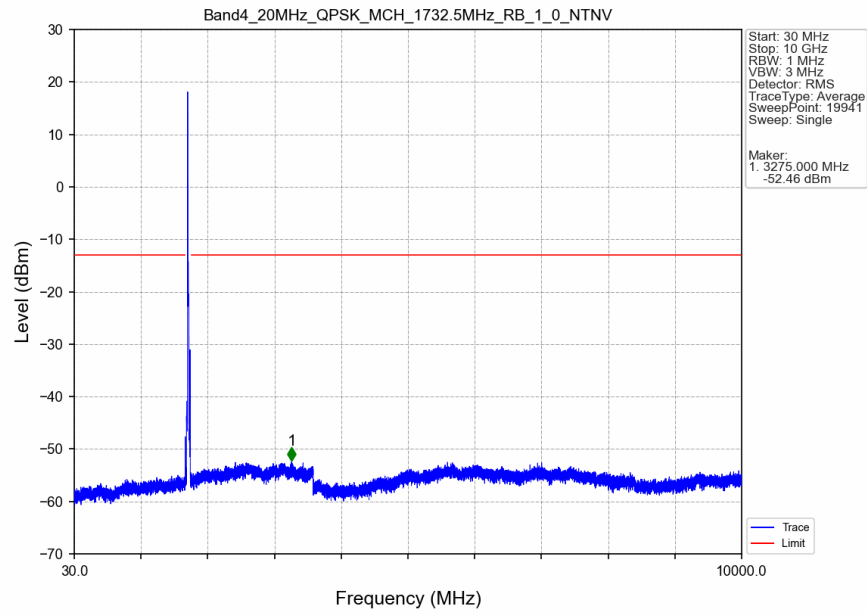


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

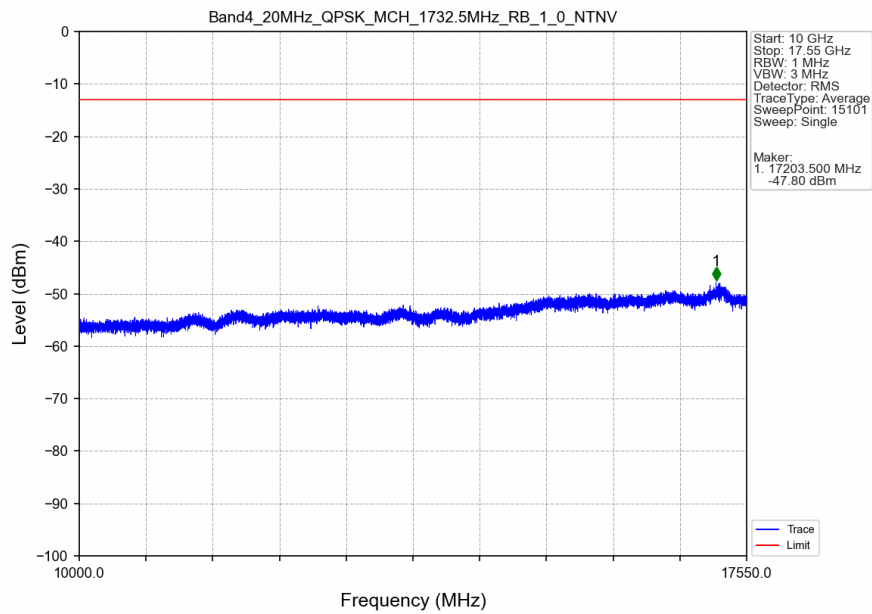


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.160	-25.49	-13	Pass
1709	1710	0.196	CHP	2	1709.640	-32.15	-13	Pass
1710	1730	0.196	CHP	/	/	/	/	/

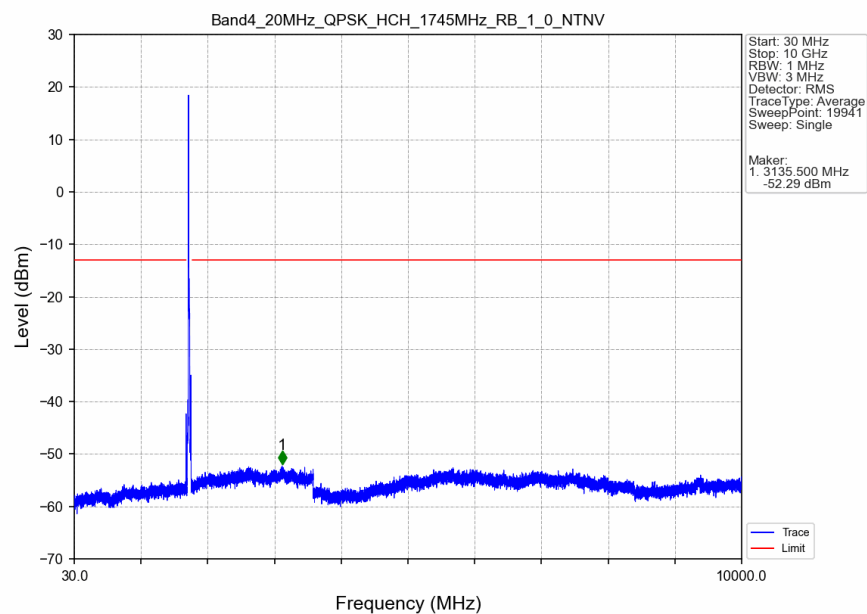
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



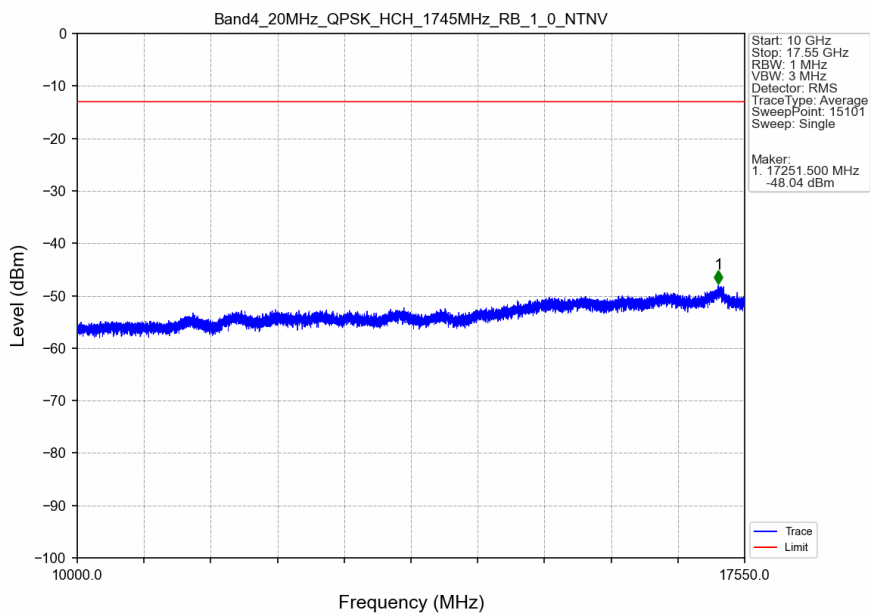
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



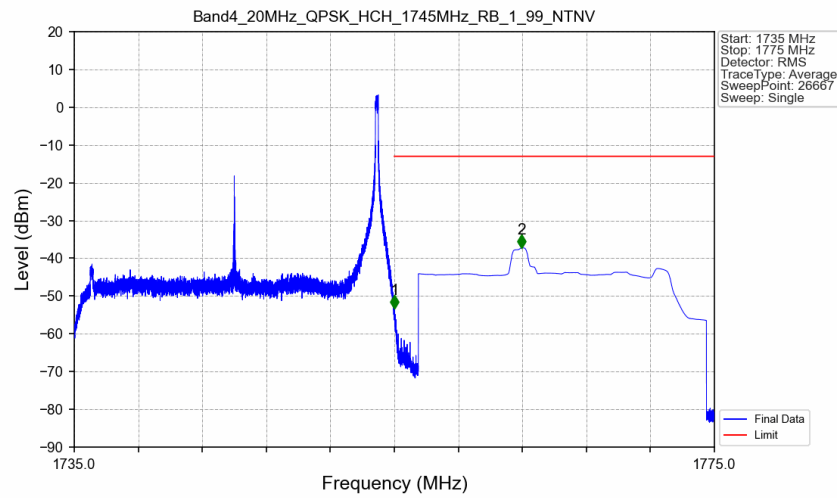
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

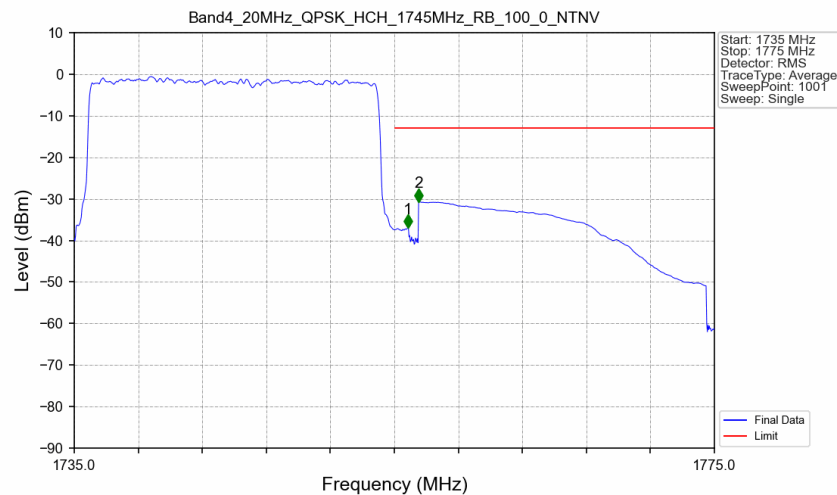


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



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	-33.35	-13	Pass
1756	1775	1	CHP	2	1762.941	-37.24	-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	0.196	CHP	/	/	/	/	/
1755	1756	0.196	CHP	1	1755.840	-36.91	-13	Pass
1756	1775	1	CHP	2	1756.520	-30.66	-13	Pass

- End of the Appendix -