

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	23.69	-3.02	20.67	<=30	Pass
			2	23.82	-3.02	20.80	<=30	Pass
			5	23.85	-3.02	20.83	<=30	Pass
		3	0	23.91	-3.02	20.89	<=30	Pass
			2	23.90	-3.02	20.88	<=30	Pass
			3	23.91	-3.02	20.89	<=30	Pass
		6	0	22.76	-3.02	19.74	<=30	Pass
	1732.5	1	0	23.77	-3.02	20.75	<=30	Pass
			2	23.88	-3.02	20.86	<=30	Pass
			5	23.91	-3.02	20.89	<=30	Pass
		3	0	23.93	-3.02	20.91	<=30	Pass
			2	23.97	-3.02	20.95	<=30	Pass
			3	23.91	-3.02	20.89	<=30	Pass
		6	0	22.95	-3.02	19.93	<=30	Pass
	1754.3	1	0	23.77	-3.02	20.75	<=30	Pass
			2	23.80	-3.02	20.78	<=30	Pass
			5	23.79	-3.02	20.77	<=30	Pass
		3	0	23.88	-3.02	20.86	<=30	Pass
			2	23.89	-3.02	20.87	<=30	Pass
			3	23.79	-3.02	20.77	<=30	Pass
		6	0	22.81	-3.02	19.79	<=30	Pass
16QAM	1710.7	1	0	23.03	-3.02	20.01	<=30	Pass
			2	23.06	-3.02	20.04	<=30	Pass
			5	23.06	-3.02	20.04	<=30	Pass
		3	0	22.85	-3.02	19.83	<=30	Pass
			2	22.87	-3.02	19.85	<=30	Pass
			3	22.82	-3.02	19.80	<=30	Pass
		6	0	21.94	-3.02	18.92	<=30	Pass
	1732.5	1	0	23.14	-3.02	20.12	<=30	Pass
			2	23.09	-3.02	20.07	<=30	Pass
			5	23.15	-3.02	20.13	<=30	Pass
		3	0	23.09	-3.02	20.07	<=30	Pass
			2	23.11	-3.02	20.09	<=30	Pass
			3	23.14	-3.02	20.12	<=30	Pass
		6	0	22.11	-3.02	19.09	<=30	Pass
	1754.3	1	0	23.28	-3.02	20.26	<=30	Pass
			2	23.19	-3.02	20.17	<=30	Pass
			5	23.24	-3.02	20.22	<=30	Pass
		3	0	22.51	-3.02	19.49	<=30	Pass
			2	22.50	-3.02	19.48	<=30	Pass
			3	22.49	-3.02	19.47	<=30	Pass
		6	0	21.95	-3.02	18.93	<=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	23.84	-3.02	20.82	<=30	Pass
			7	23.81	-3.02	20.79	<=30	Pass
			14	23.79	-3.02	20.77	<=30	Pass
		8	0	22.92	-3.02	19.90	<=30	Pass
			4	22.86	-3.02	19.84	<=30	Pass
			7	22.84	-3.02	19.82	<=30	Pass
		15	0	22.93	-3.02	19.91	<=30	Pass
	1732.5	1	0	23.80	-3.02	20.78	<=30	Pass
			7	23.87	-3.02	20.85	<=30	Pass
			14	23.84	-3.02	20.82	<=30	Pass
		8	0	22.86	-3.02	19.84	<=30	Pass
			4	22.93	-3.02	19.91	<=30	Pass
			7	22.90	-3.02	19.88	<=30	Pass
		15	0	22.88	-3.02	19.86	<=30	Pass
	1753.5	1	0	24.05	-3.02	21.03	<=30	Pass
			7	24.09	-3.02	21.07	<=30	Pass
			14	24.10	-3.02	21.08	<=30	Pass
		8	0	22.97	-3.02	19.95	<=30	Pass
			4	22.91	-3.02	19.89	<=30	Pass
			7	22.87	-3.02	19.85	<=30	Pass
		15	0	22.96	-3.02	19.94	<=30	Pass
16QAM	1711.5	1	0	23.34	-3.02	20.32	<=30	Pass
			7	23.36	-3.02	20.34	<=30	Pass
			14	23.33	-3.02	20.31	<=30	Pass
		8	0	22.28	-3.02	19.26	<=30	Pass
			4	22.34	-3.02	19.32	<=30	Pass
			7	22.30	-3.02	19.28	<=30	Pass
		15	0	22.13	-3.02	19.11	<=30	Pass
	1732.5	1	0	23.66	-3.02	20.64	<=30	Pass
			7	23.70	-3.02	20.68	<=30	Pass
			14	23.60	-3.02	20.58	<=30	Pass
		8	0	22.10	-3.02	19.08	<=30	Pass
			4	22.07	-3.02	19.05	<=30	Pass
			7	22.14	-3.02	19.12	<=30	Pass
		15	0	21.99	-3.02	18.97	<=30	Pass
	1753.5	1	0	23.18	-3.02	20.16	<=30	Pass
			7	23.10	-3.02	20.08	<=30	Pass
			14	23.10	-3.02	20.08	<=30	Pass
		8	0	22.15	-3.02	19.13	<=30	Pass
			4	22.19	-3.02	19.17	<=30	Pass
			7	22.20	-3.02	19.18	<=30	Pass
		15	0	22.03	-3.02	19.01	<=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	23.94	-3.02	20.92	<=30	Pass
			13	23.87	-3.02	20.85	<=30	Pass
			24	23.84	-3.02	20.82	<=30	Pass
		12	0	22.88	-3.02	19.86	<=30	Pass
			6	22.86	-3.02	19.84	<=30	Pass
			13	22.97	-3.02	19.95	<=30	Pass
		25	0	22.91	-3.02	19.89	<=30	Pass
	1732.5	1	0	23.88	-3.02	20.86	<=30	Pass
			13	23.90	-3.02	20.88	<=30	Pass
			24	23.92	-3.02	20.90	<=30	Pass
		12	0	22.91	-3.02	19.89	<=30	Pass
			6	22.87	-3.02	19.85	<=30	Pass
			13	22.83	-3.02	19.81	<=30	Pass
		25	0	22.92	-3.02	19.90	<=30	Pass
	1752.5	1	0	23.80	-3.02	20.78	<=30	Pass
			13	23.82	-3.02	20.80	<=30	Pass
			24	23.79	-3.02	20.77	<=30	Pass
		12	0	22.77	-3.02	19.75	<=30	Pass
			6	22.71	-3.02	19.69	<=30	Pass
			13	22.72	-3.02	19.70	<=30	Pass
		25	0	22.71	-3.02	19.69	<=30	Pass
16QAM	1712.5	1	0	22.09	-3.02	19.07	<=30	Pass
			13	22.13	-3.02	19.11	<=30	Pass
			24	22.03	-3.02	19.01	<=30	Pass
		12	0	22.11	-3.02	19.09	<=30	Pass
			6	22.06	-3.02	19.04	<=30	Pass
			13	22.02	-3.02	19.00	<=30	Pass
		25	0	22.09	-3.02	19.07	<=30	Pass
	1732.5	1	0	22.99	-3.02	19.97	<=30	Pass
			13	23.02	-3.02	20.00	<=30	Pass
			24	22.82	-3.02	19.80	<=30	Pass
		12	0	21.81	-3.02	18.79	<=30	Pass
			6	21.83	-3.02	18.81	<=30	Pass
			13	21.85	-3.02	18.83	<=30	Pass
		25	0	21.73	-3.02	18.71	<=30	Pass
	1752.5	1	0	22.24	-3.02	19.22	<=30	Pass
			13	22.25	-3.02	19.23	<=30	Pass
			24	22.23	-3.02	19.21	<=30	Pass
		12	0	21.83	-3.02	18.81	<=30	Pass
			6	21.75	-3.02	18.73	<=30	Pass
			13	21.80	-3.02	18.78	<=30	Pass
		25	0	21.93	-3.02	18.91	<=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	23.65	-3.02	20.63	<=30	Pass
			25	23.60	-3.02	20.58	<=30	Pass
			49	23.61	-3.02	20.59	<=30	Pass
		25	0	22.60	-3.02	19.58	<=30	Pass
			13	22.64	-3.02	19.62	<=30	Pass
			25	22.69	-3.02	19.67	<=30	Pass
		50	0	22.57	-3.02	19.55	<=30	Pass
	1732.5	1	0	23.80	-3.02	20.78	<=30	Pass
			25	23.79	-3.02	20.77	<=30	Pass
			49	23.84	-3.02	20.82	<=30	Pass
		25	0	22.69	-3.02	19.67	<=30	Pass
			13	22.83	-3.02	19.81	<=30	Pass
			25	22.74	-3.02	19.72	<=30	Pass
		50	0	22.78	-3.02	19.76	<=30	Pass
	1750	1	0	23.99	-3.02	20.97	<=30	Pass
			25	23.93	-3.02	20.91	<=30	Pass
			49	23.90	-3.02	20.88	<=30	Pass
		25	0	22.78	-3.02	19.76	<=30	Pass
			13	22.88	-3.02	19.86	<=30	Pass
			25	22.75	-3.02	19.73	<=30	Pass
		50	0	22.78	-3.02	19.76	<=30	Pass
16QAM	1715	1	0	22.78	-3.02	19.76	<=30	Pass
			25	22.71	-3.02	19.69	<=30	Pass
			49	22.70	-3.02	19.68	<=30	Pass
		25	0	21.67	-3.02	18.65	<=30	Pass
			13	21.71	-3.02	18.69	<=30	Pass
			25	21.66	-3.02	18.64	<=30	Pass
		50	0	21.73	-3.02	18.71	<=30	Pass
	1732.5	1	0	22.60	-3.02	19.58	<=30	Pass
			25	22.66	-3.02	19.64	<=30	Pass
			49	22.69	-3.02	19.67	<=30	Pass
		25	0	21.98	-3.02	18.96	<=30	Pass
			13	21.97	-3.02	18.95	<=30	Pass
			25	21.96	-3.02	18.94	<=30	Pass
		50	0	21.89	-3.02	18.87	<=30	Pass
	1750	1	0	22.63	-3.02	19.61	<=30	Pass
			25	22.64	-3.02	19.62	<=30	Pass
			49	22.55	-3.02	19.53	<=30	Pass
		25	0	22.03	-3.02	19.01	<=30	Pass
			13	22.01	-3.02	18.99	<=30	Pass
			25	21.99	-3.02	18.97	<=30	Pass
		50	0	21.95	-3.02	18.93	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.73	-3.02	20.71	<=30	Pass
			38	23.63	-3.02	20.61	<=30	Pass
			74	23.61	-3.02	20.59	<=30	Pass
		36	0	22.69	-3.02	19.67	<=30	Pass
			18	22.61	-3.02	19.59	<=30	Pass
			39	22.68	-3.02	19.66	<=30	Pass
		75	0	22.68	-3.02	19.66	<=30	Pass
	1732.5	1	0	23.80	-3.02	20.78	<=30	Pass
			38	23.82	-3.02	20.80	<=30	Pass
			74	23.91	-3.02	20.89	<=30	Pass
		36	0	22.82	-3.02	19.80	<=30	Pass
			18	22.82	-3.02	19.80	<=30	Pass
			39	22.80	-3.02	19.78	<=30	Pass
		75	0	22.86	-3.02	19.84	<=30	Pass
	1747.5	1	0	24.04	-3.02	21.02	<=30	Pass
			38	23.99	-3.02	20.97	<=30	Pass
			74	23.94	-3.02	20.92	<=30	Pass
		36	0	22.81	-3.02	19.79	<=30	Pass
			18	22.82	-3.02	19.80	<=30	Pass
			39	22.91	-3.02	19.89	<=30	Pass
		75	0	22.84	-3.02	19.82	<=30	Pass
16QAM	1717.5	1	0	22.85	-3.02	19.83	<=30	Pass
			38	22.85	-3.02	19.83	<=30	Pass
			74	22.73	-3.02	19.71	<=30	Pass
		36	0	21.85	-3.02	18.83	<=30	Pass
			18	21.81	-3.02	18.79	<=30	Pass
			39	21.75	-3.02	18.73	<=30	Pass
		75	0	21.75	-3.02	18.73	<=30	Pass
	1732.5	1	0	22.65	-3.02	19.63	<=30	Pass
			38	22.69	-3.02	19.67	<=30	Pass
			74	22.74	-3.02	19.72	<=30	Pass
		36	0	21.90	-3.02	18.88	<=30	Pass
			18	21.89	-3.02	18.87	<=30	Pass
			39	21.86	-3.02	18.84	<=30	Pass
		75	0	21.92	-3.02	18.90	<=30	Pass
	1747.5	1	0	23.11	-3.02	20.09	<=30	Pass
			38	23.13	-3.02	20.11	<=30	Pass
			74	23.09	-3.02	20.07	<=30	Pass
		36	0	22.13	-3.02	19.11	<=30	Pass
			18	22.15	-3.02	19.13	<=30	Pass
			39	22.08	-3.02	19.06	<=30	Pass
		75	0	21.99	-3.02	18.97	<=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	23.89	-3.02	20.87	<=30	Pass
			50	23.79	-3.02	20.77	<=30	Pass
			99	23.85	-3.02	20.83	<=30	Pass
		50	0	22.80	-3.02	19.78	<=30	Pass
			25	22.73	-3.02	19.71	<=30	Pass
			50	22.74	-3.02	19.72	<=30	Pass
		100	0	22.75	-3.02	19.73	<=30	Pass
	1732.5	1	0	23.81	-3.02	20.79	<=30	Pass
			50	23.87	-3.02	20.85	<=30	Pass
			99	23.88	-3.02	20.86	<=30	Pass
		50	0	22.72	-3.02	19.70	<=30	Pass
			25	22.80	-3.02	19.78	<=30	Pass
			50	22.84	-3.02	19.82	<=30	Pass
		100	0	22.86	-3.02	19.84	<=30	Pass
	1745	1	0	24.00	-3.02	20.98	<=30	Pass
			50	23.97	-3.02	20.95	<=30	Pass
			99	23.90	-3.02	20.88	<=30	Pass
		50	0	22.81	-3.02	19.79	<=30	Pass
			25	22.93	-3.02	19.91	<=30	Pass
			50	22.87	-3.02	19.85	<=30	Pass
		100	0	22.90	-3.02	19.88	<=30	Pass
16QAM	1720	1	0	23.04	-3.02	20.02	<=30	Pass
			50	22.97	-3.02	19.95	<=30	Pass
			99	23.00	-3.02	19.98	<=30	Pass
		50	0	21.99	-3.02	18.97	<=30	Pass
			25	21.94	-3.02	18.92	<=30	Pass
			50	21.94	-3.02	18.92	<=30	Pass
		100	0	21.86	-3.02	18.84	<=30	Pass
	1732.5	1	0	22.84	-3.02	19.82	<=30	Pass
			50	22.84	-3.02	19.82	<=30	Pass
			99	22.80	-3.02	19.78	<=30	Pass
		50	0	22.03	-3.02	19.01	<=30	Pass
			25	22.04	-3.02	19.02	<=30	Pass
			50	21.98	-3.02	18.96	<=30	Pass
		100	0	21.90	-3.02	18.88	<=30	Pass
	1745	1	0	23.22	-3.02	20.20	<=30	Pass
			50	23.22	-3.02	20.20	<=30	Pass
			99	23.15	-3.02	20.13	<=30	Pass
		50	0	22.04	-3.02	19.02	<=30	Pass
			25	22.06	-3.02	19.04	<=30	Pass
			50	21.99	-3.02	18.97	<=30	Pass
		100	0	22.08	-3.02	19.06	<=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	-14.606	-0.0084	-2.5 to 2.5	Pass
					NV	-22.616	-0.0131	-2.5 to 2.5	Pass
					HV	-19.841	-0.0115	-2.5 to 2.5	Pass
				-30	NV	-26.007	-0.0150	-2.5 to 2.5	Pass
				-20	NV	-22.459	-0.0130	-2.5 to 2.5	Pass
				-10	NV	-24.304	-0.0140	-2.5 to 2.5	Pass
				0	NV	-12.789	-0.0074	-2.5 to 2.5	Pass
				10	NV	-8.669	-0.0050	-2.5 to 2.5	Pass
				30	NV	-27.280	-0.0157	-2.5 to 2.5	Pass
				40	NV	1.202	0.0007	-2.5 to 2.5	Pass
				50	NV	-31.199	-0.0180	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

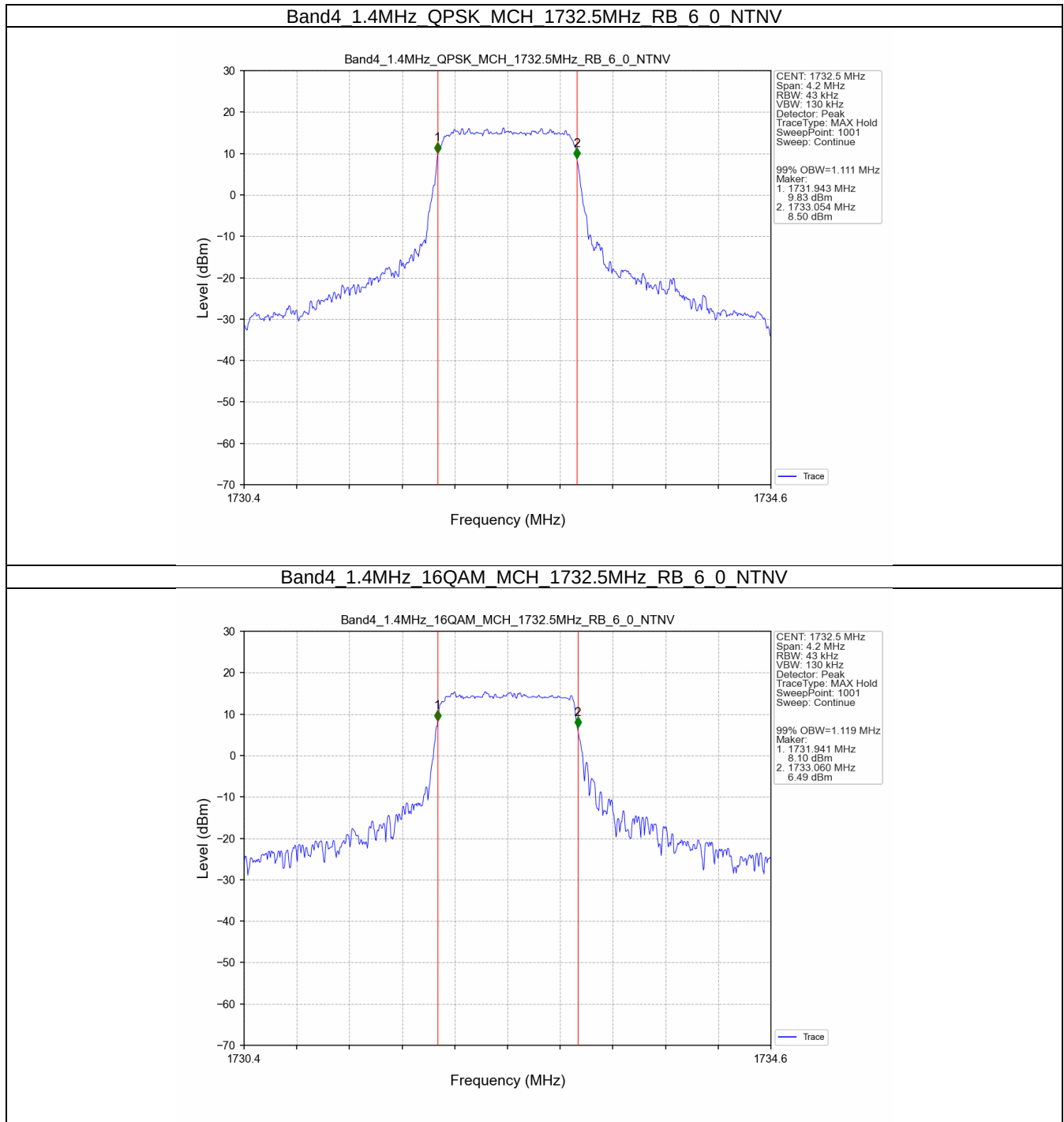
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.111	/	Pass
	16QAM	1732.5	6	0	1.119	/	Pass
3	QPSK	1732.5	15	0	2.791	/	Pass
	16QAM	1732.5	15	0	2.789	/	Pass
5	QPSK	1732.5	25	0	4.583	/	Pass
	16QAM	1732.5	25	0	4.552	/	Pass
10	QPSK	1732.5	50	0	9.102	/	Pass
	16QAM	1732.5	50	0	9.085	/	Pass
15	QPSK	1732.5	75	0	13.611	/	Pass
	16QAM	1732.5	75	0	13.659	/	Pass
20	QPSK	1732.5	100	0	18.191	/	Pass
	16QAM	1732.5	100	0	18.194	/	Pass

3.1.2 Band4_XDB

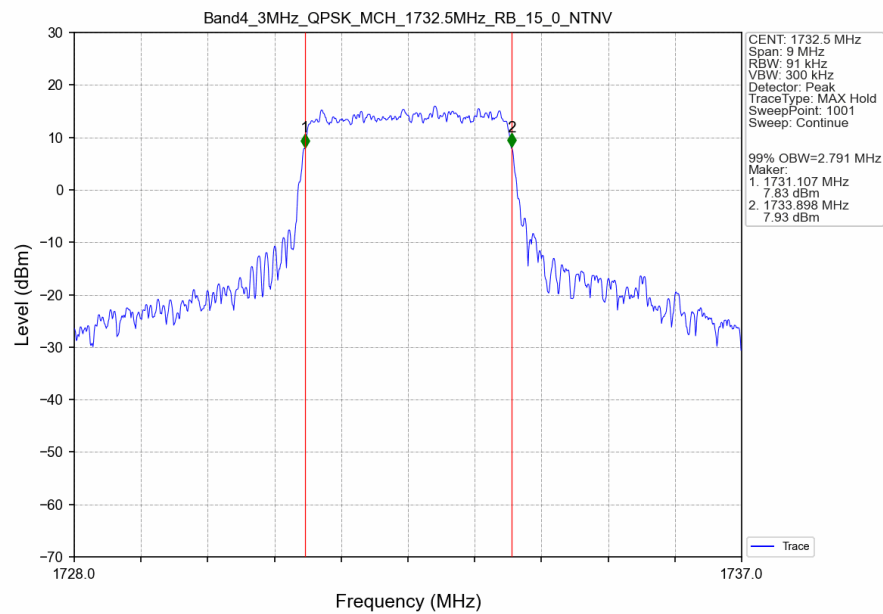
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.310	/	Pass
	16QAM	1732.5	6	0	1.482	/	Pass
3	QPSK	1732.5	15	0	3.422	/	Pass
	16QAM	1732.5	15	0	3.261	/	Pass
5	QPSK	1732.5	25	0	5.131	/	Pass
	16QAM	1732.5	25	0	5.774	/	Pass
10	QPSK	1732.5	50	0	10.299	/	Pass
	16QAM	1732.5	50	0	10.365	/	Pass
15	QPSK	1732.5	75	0	16.119	/	Pass
	16QAM	1732.5	75	0	15.219	/	Pass
20	QPSK	1732.5	100	0	20.853	/	Pass
	16QAM	1732.5	100	0	20.326	/	Pass

3.2 Test Graph

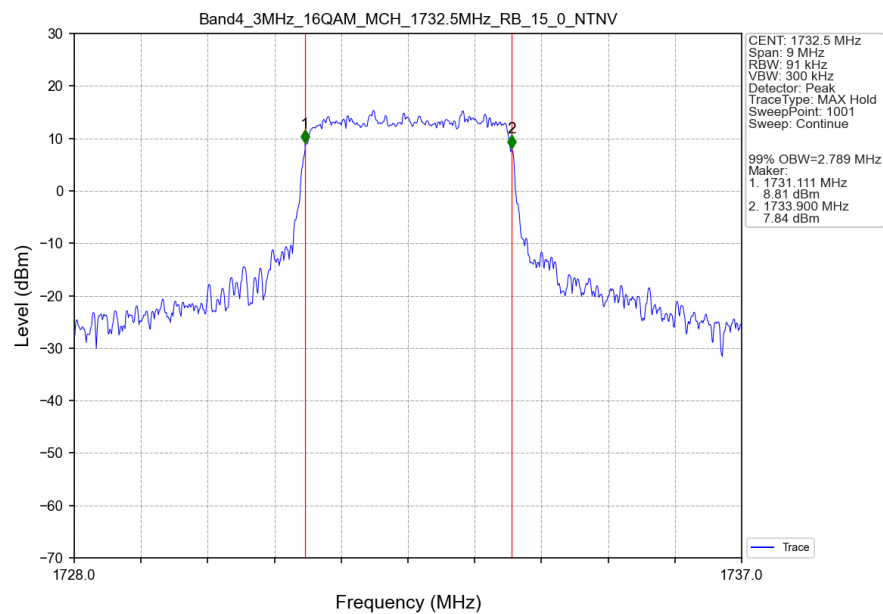
3.2.1 Band4_OBW



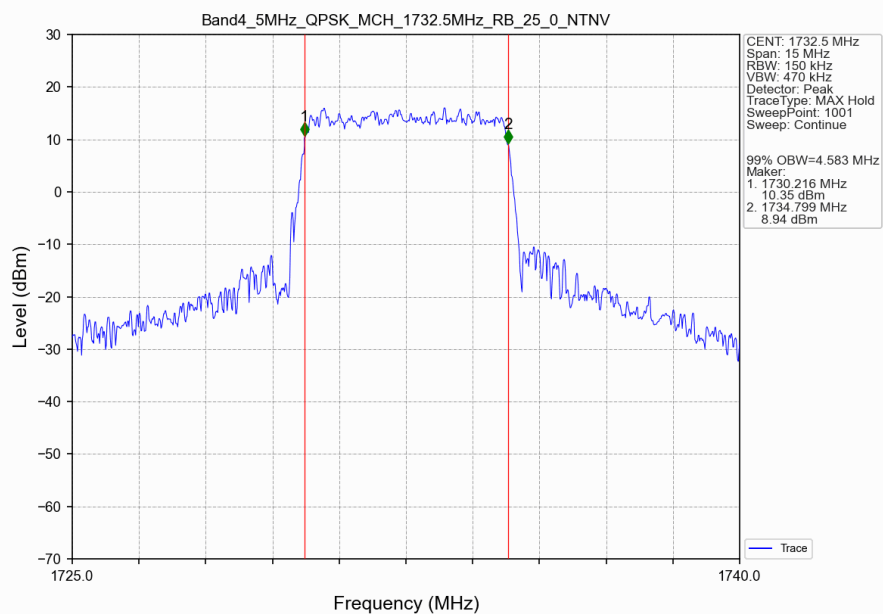
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



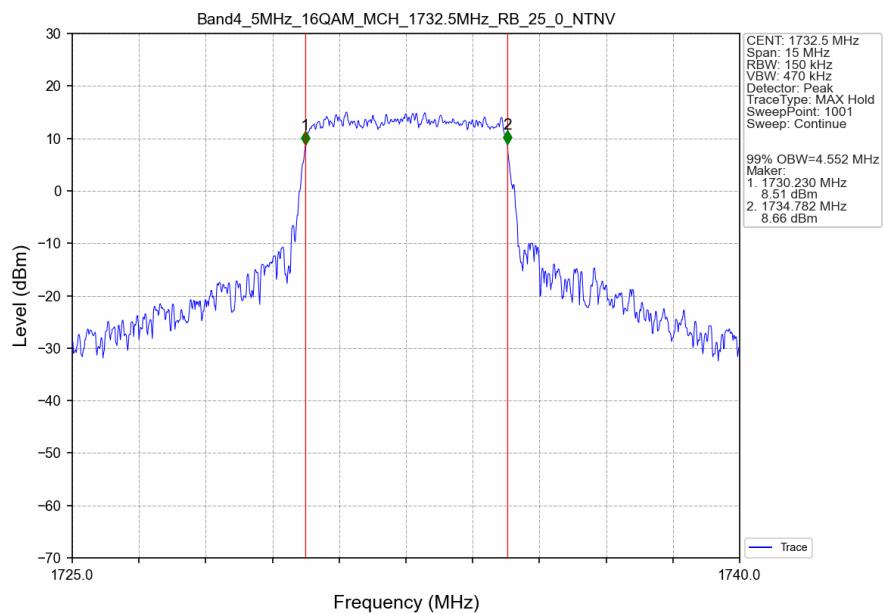
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



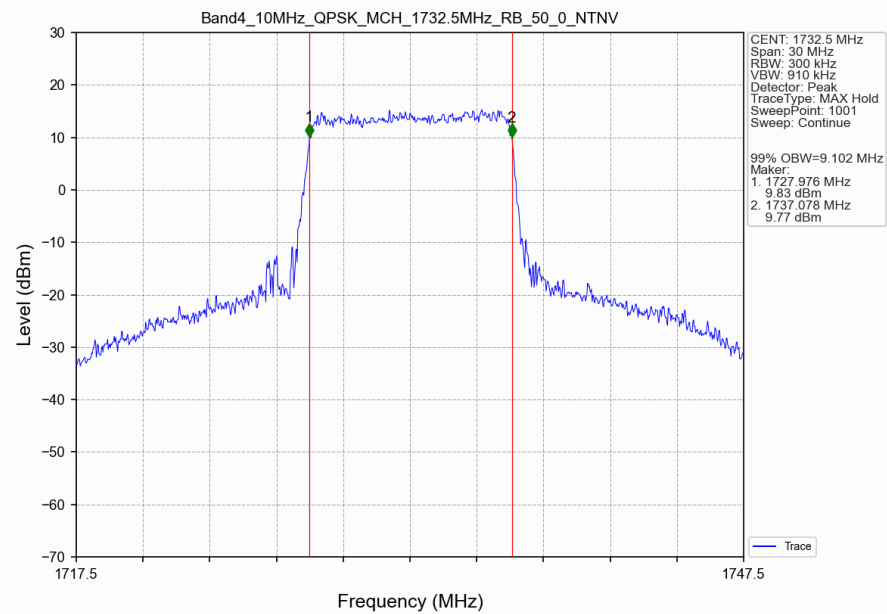
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



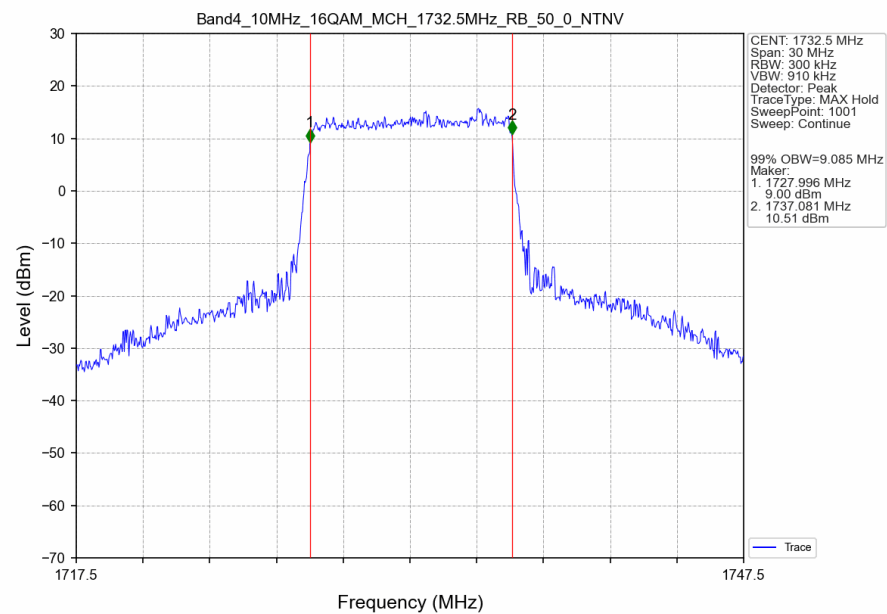
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



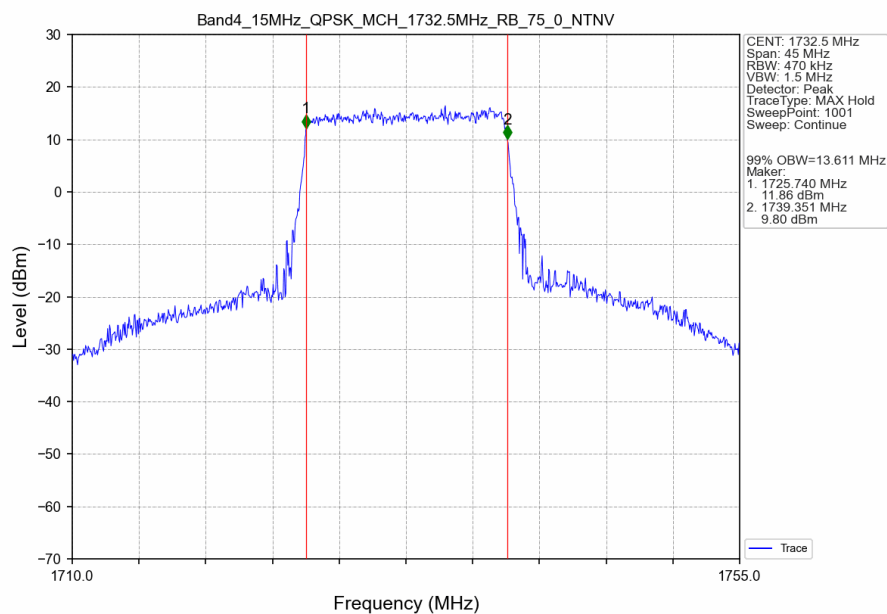
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



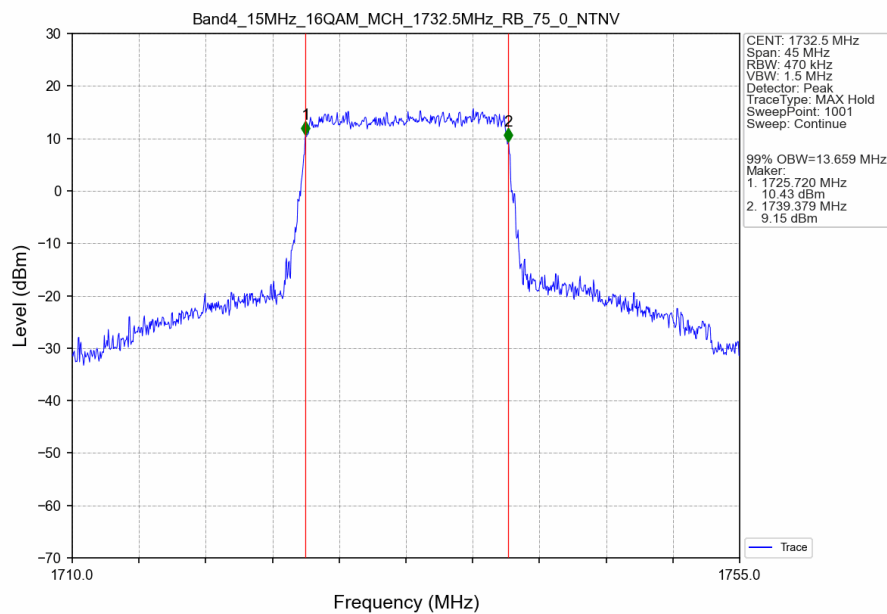
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



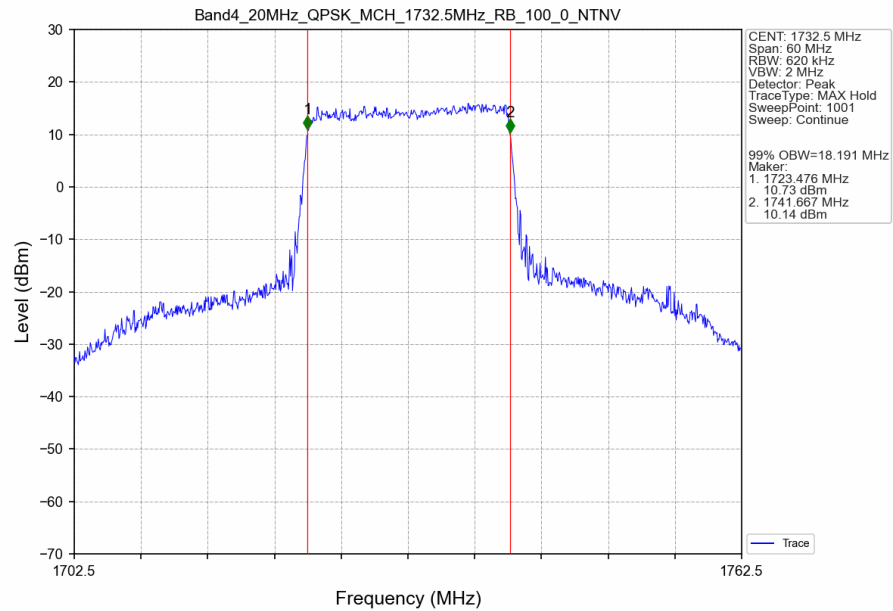
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



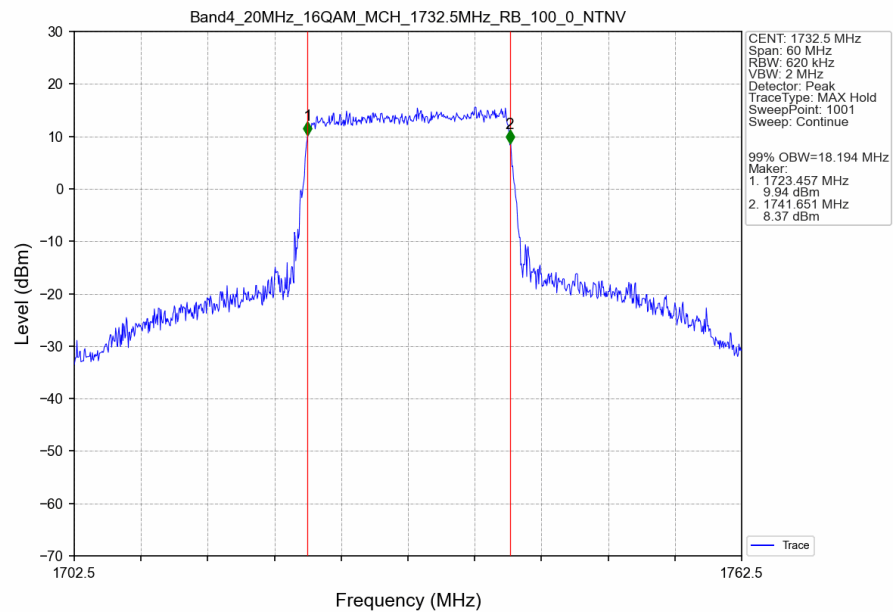
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



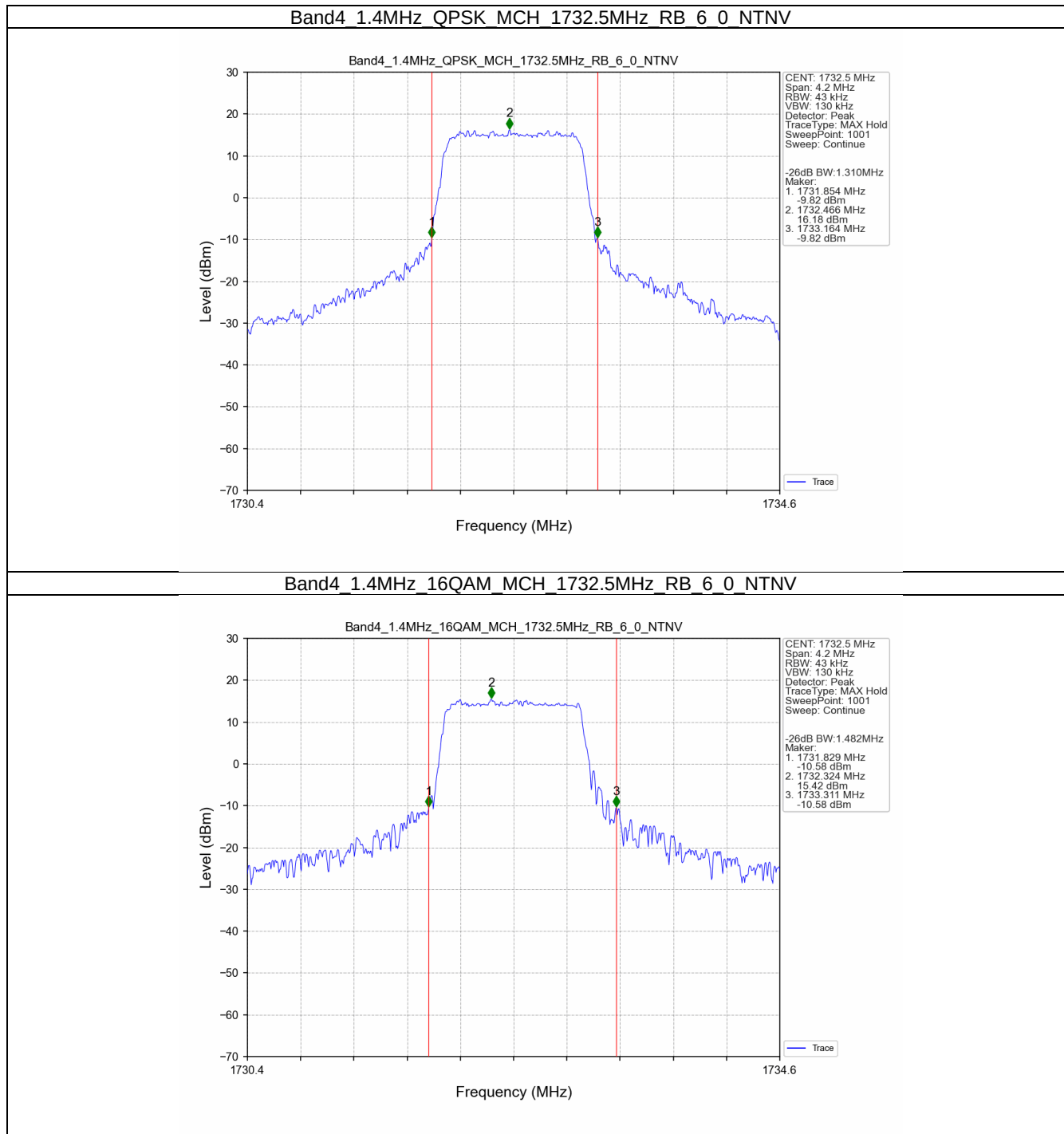
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



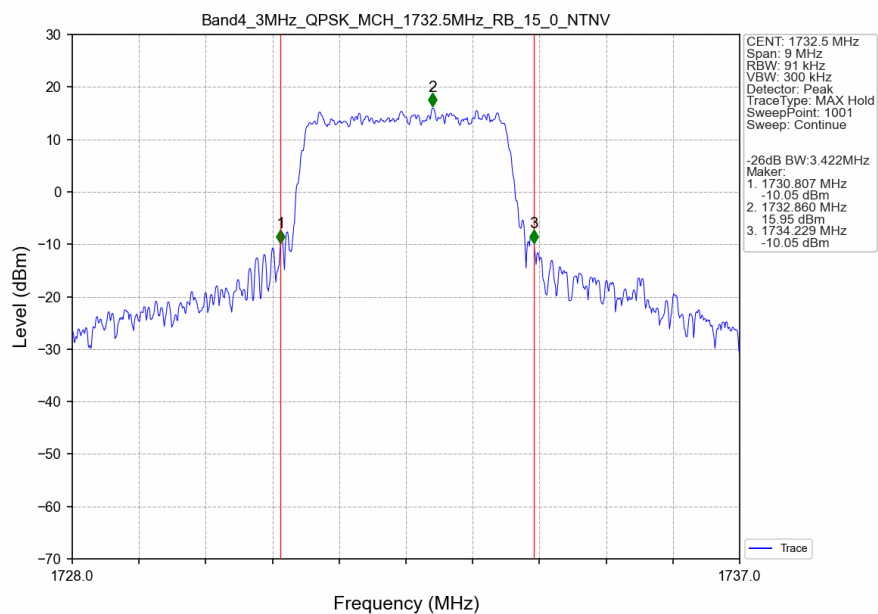
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



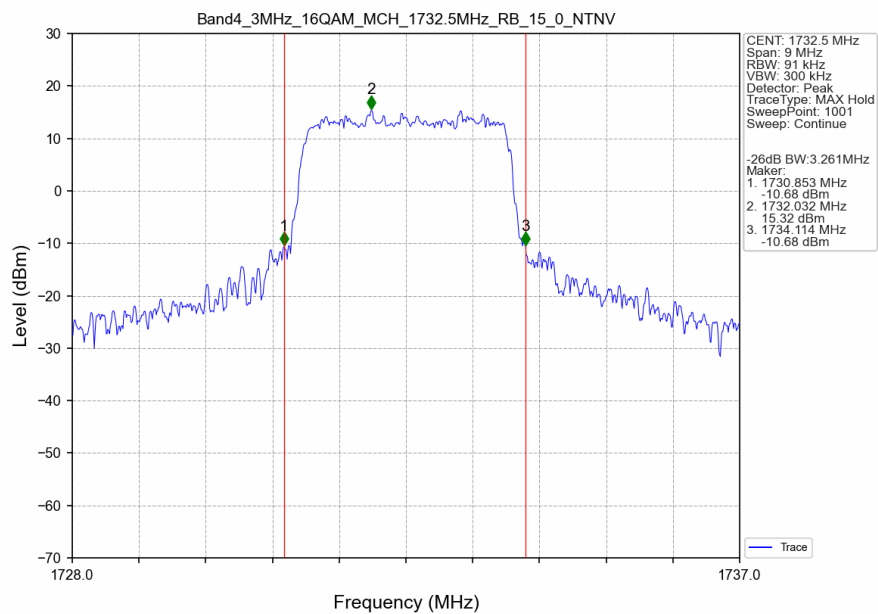
3.2.2 Band4_XDB



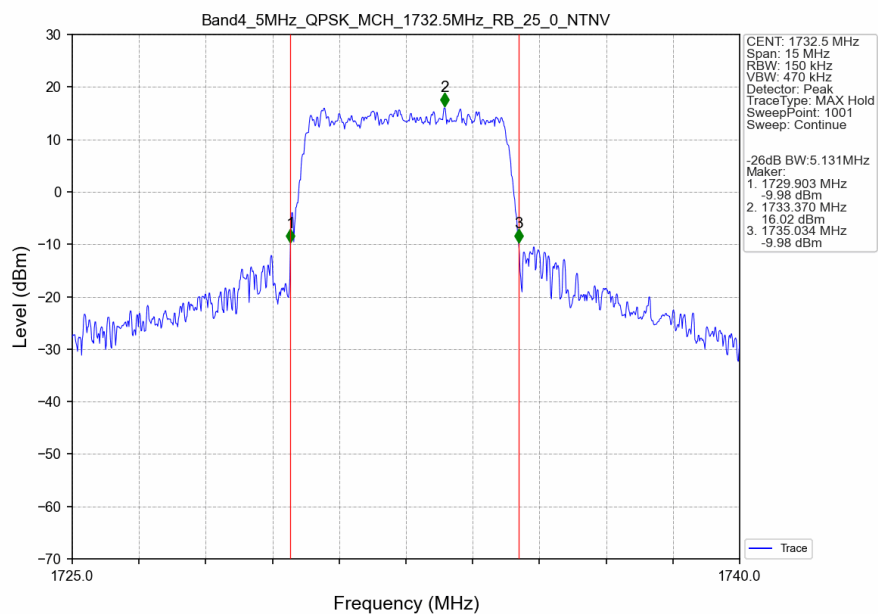
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



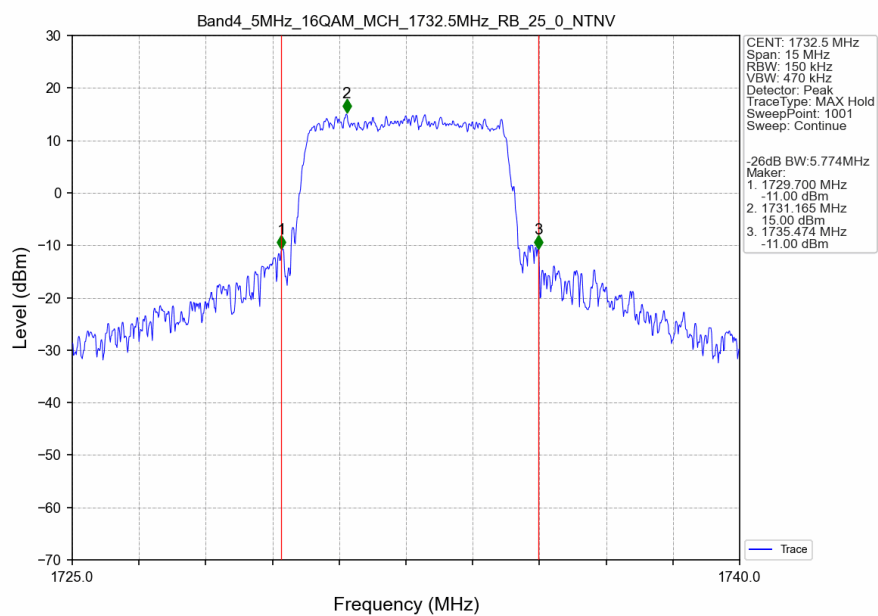
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



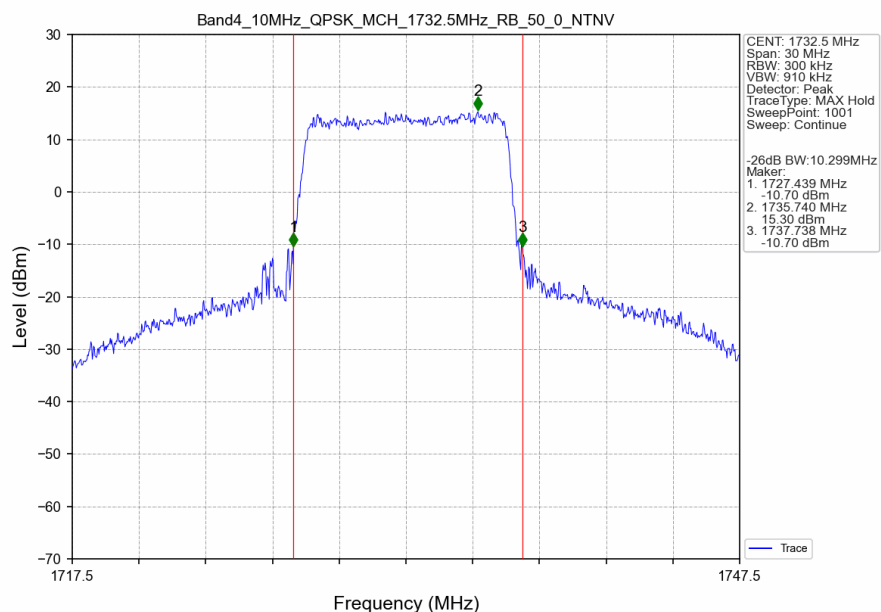
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



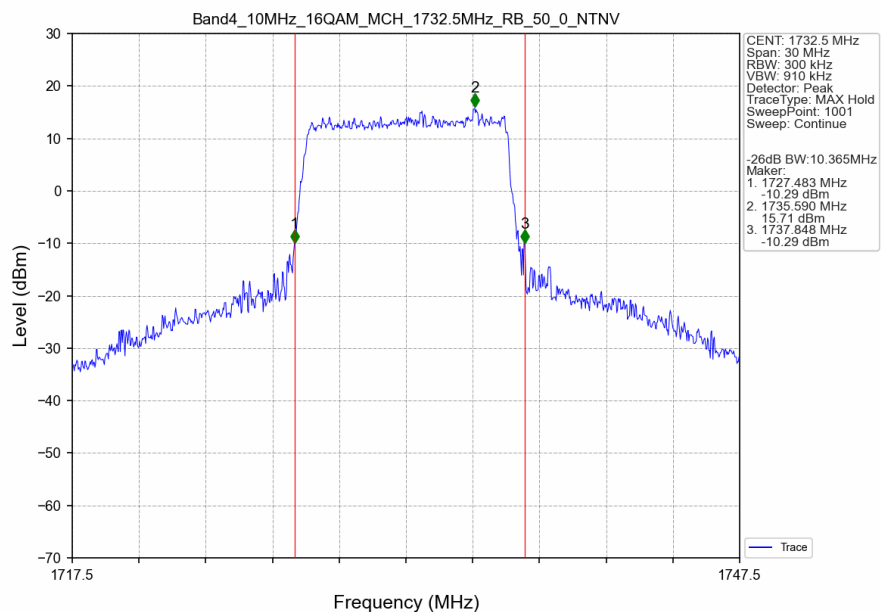
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



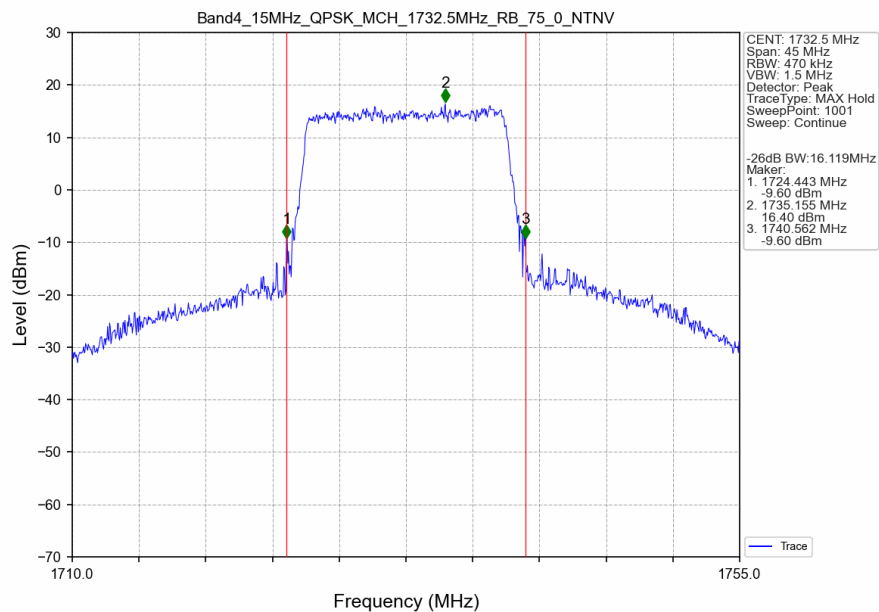
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



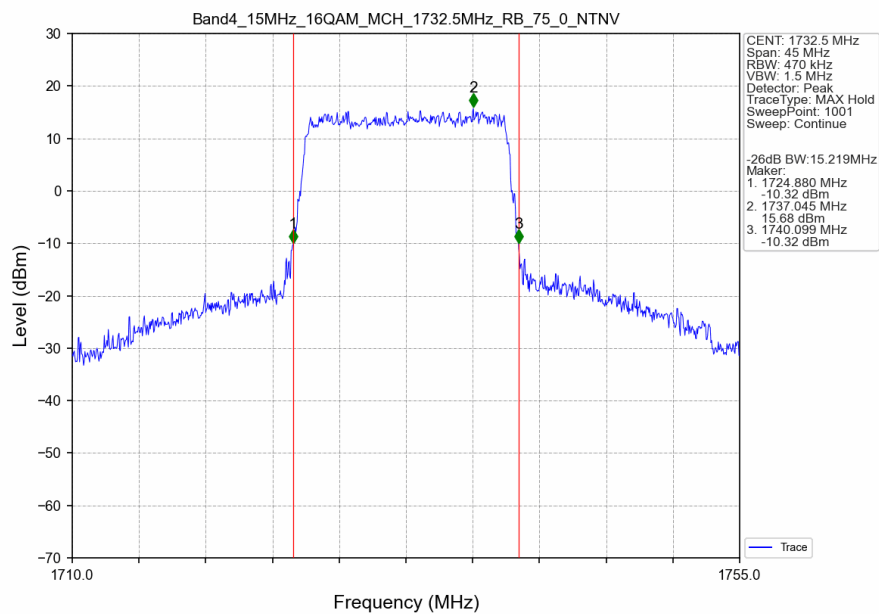
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



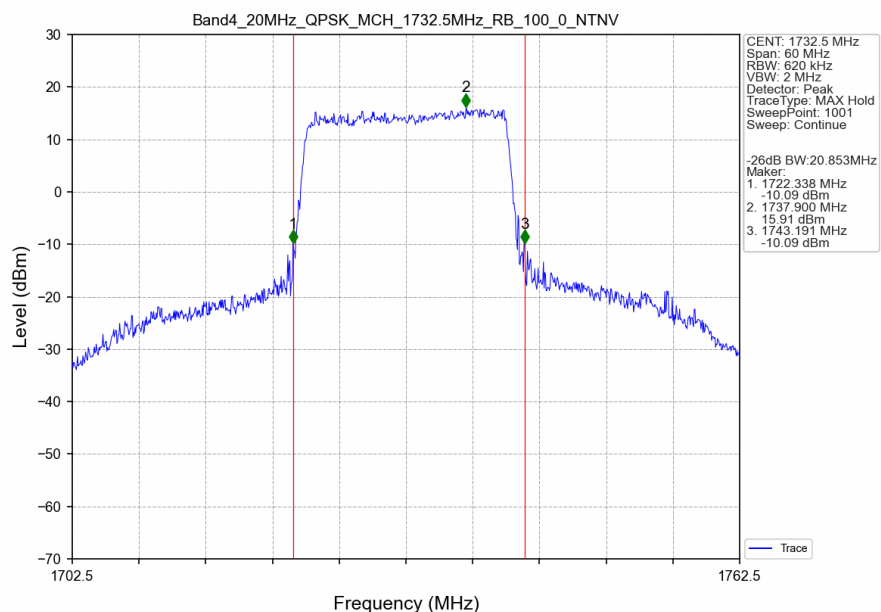
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



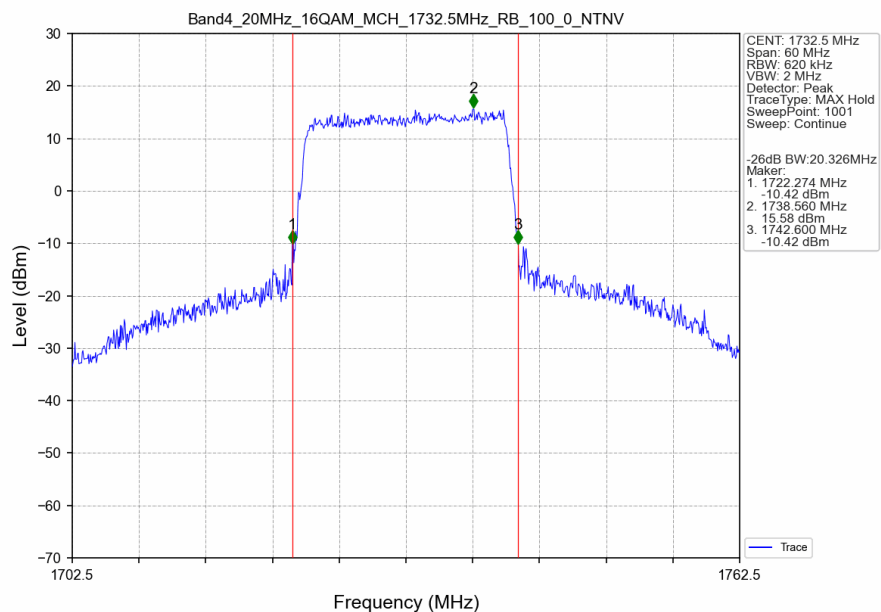
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV





4. Peak-Average Ratio

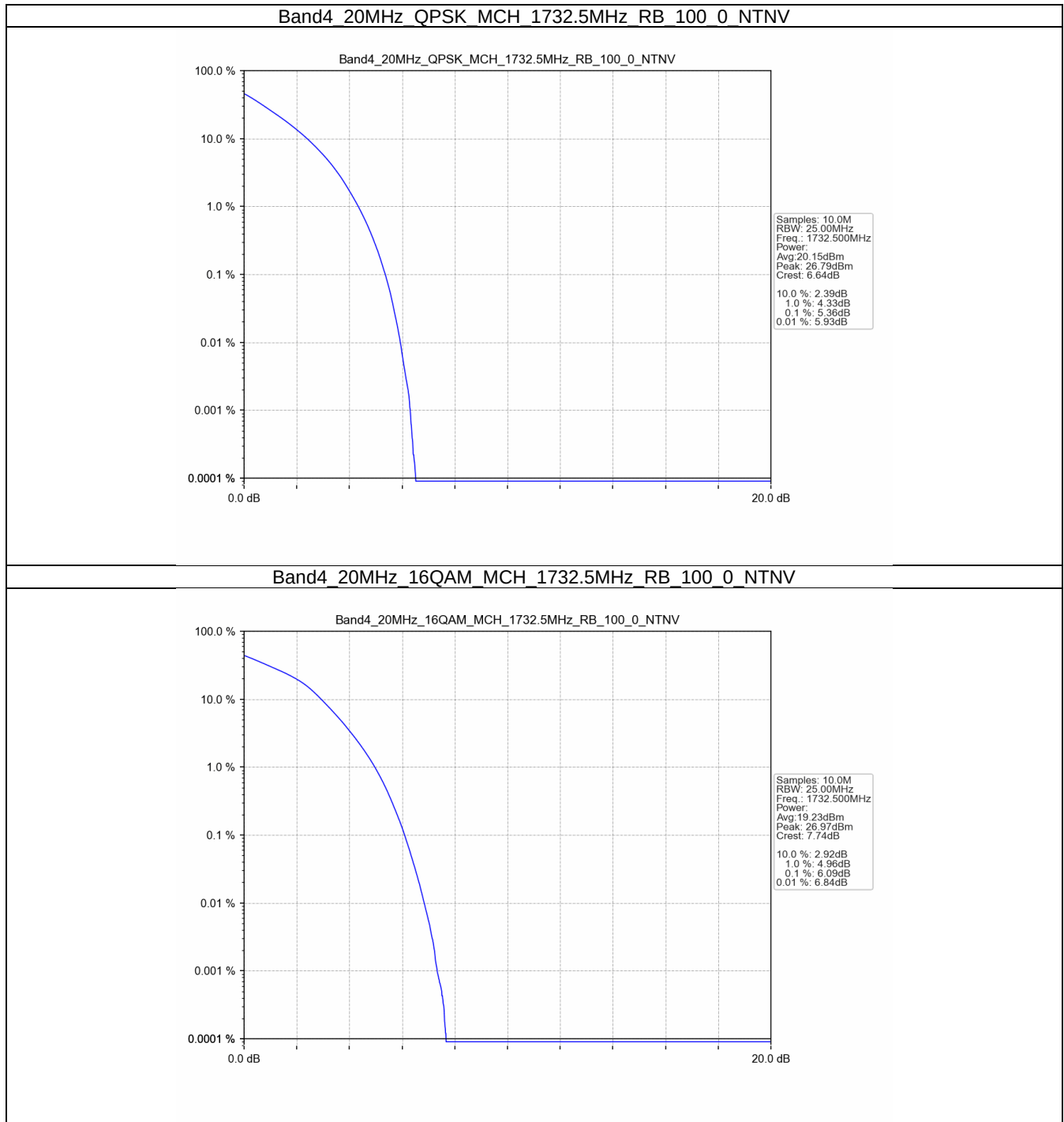
4.1 Test Result

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	5.36	<=13	Pass
16QAM	1732.5	100	0	6.09	<=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

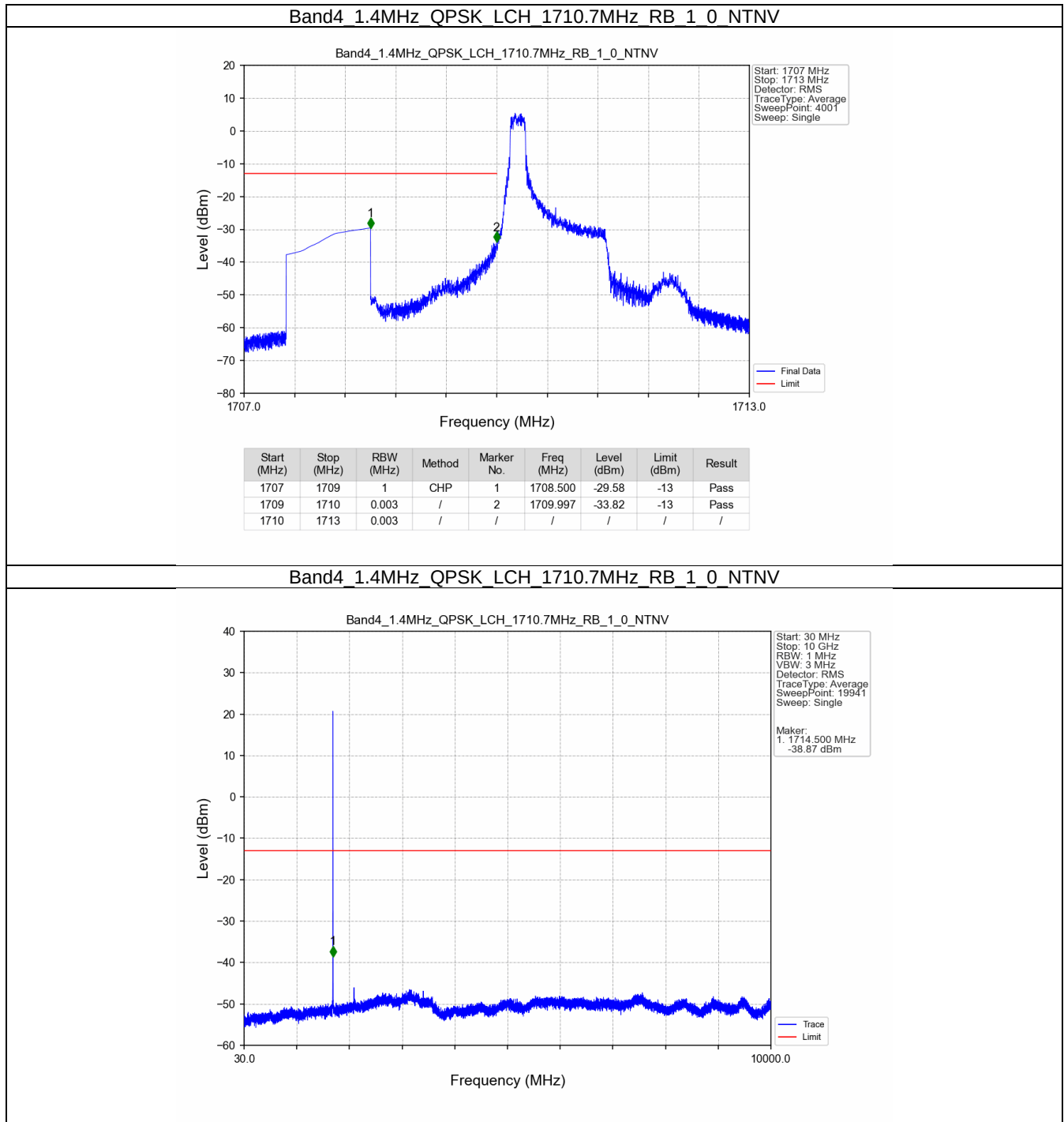
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1747.5	1	0	Refer To Test Graph	
	74			Refer To Test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

5.1.6 B4_20MHz

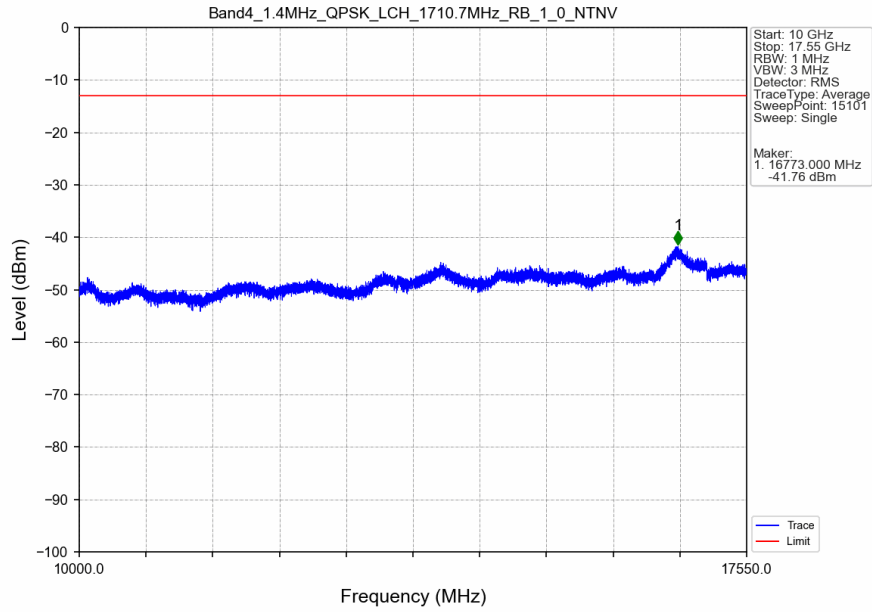
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1745	1	0	Refer To Test Graph	
	99			Refer To Test Graph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

5.2 Test Graph

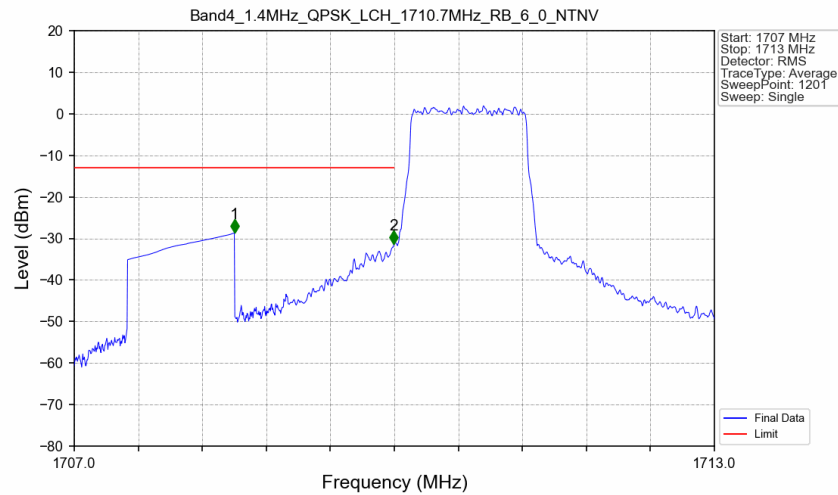
5.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

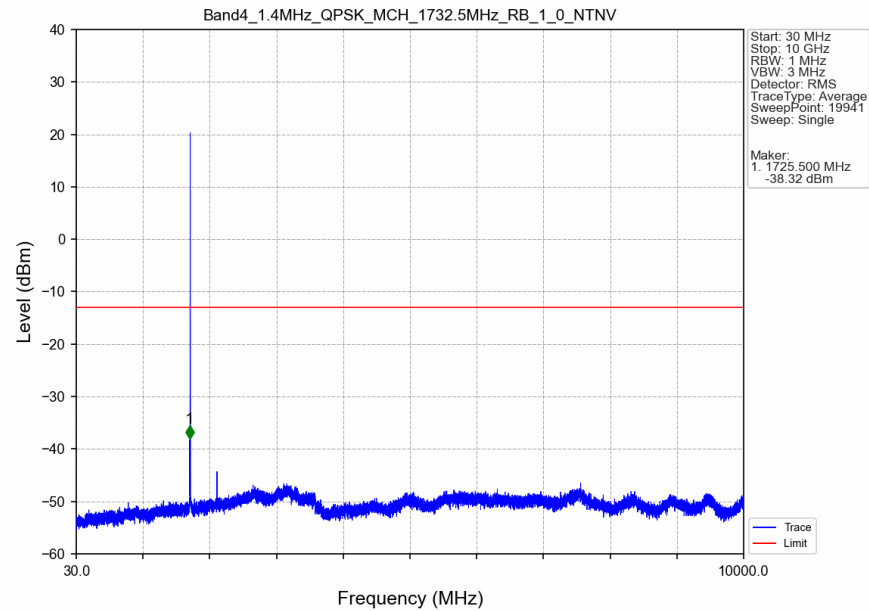


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

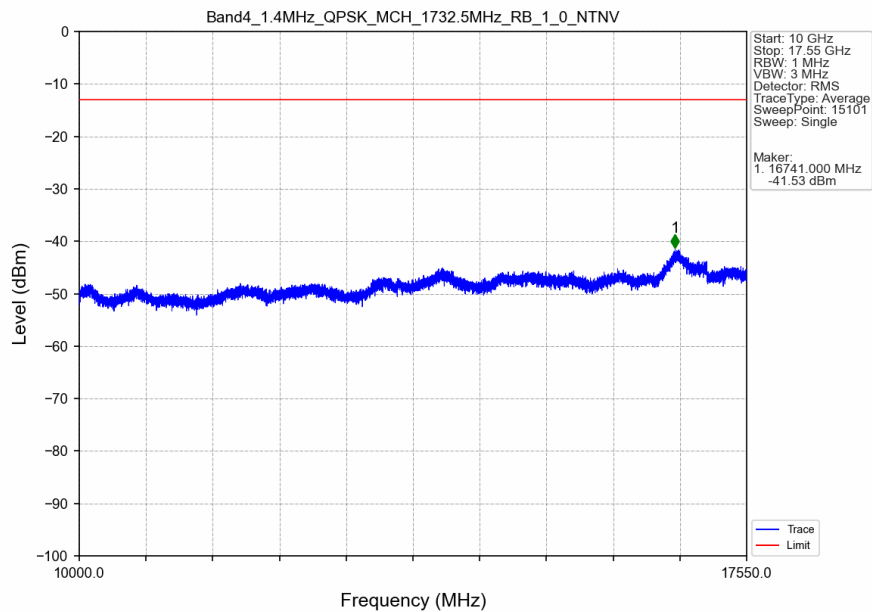


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-28.66	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-31.34	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

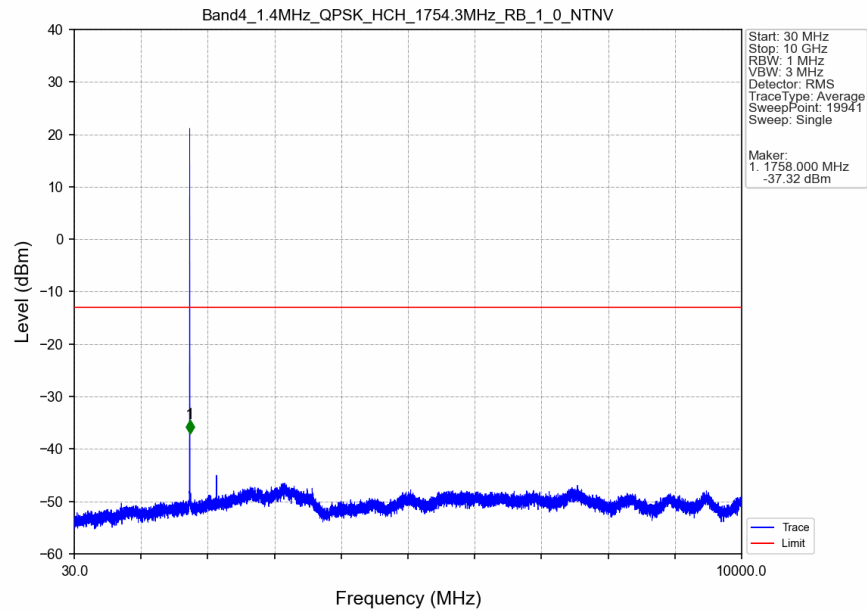
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



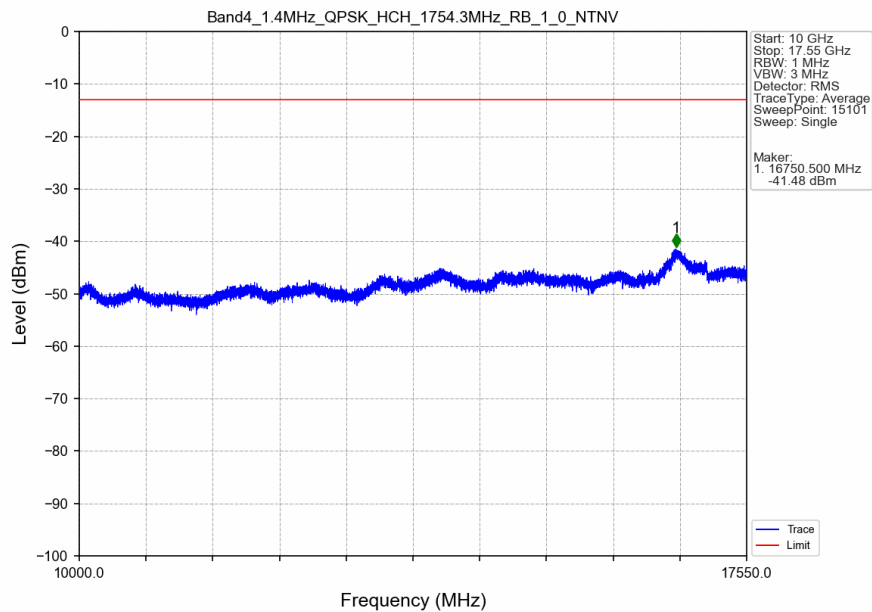
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



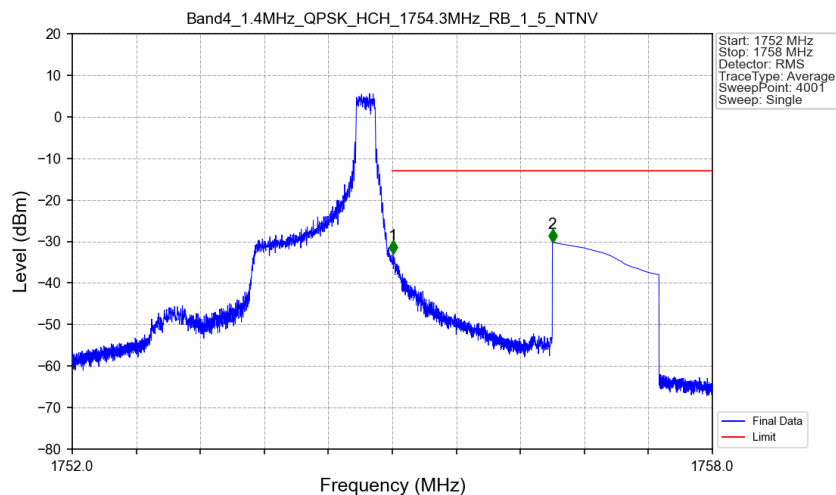
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



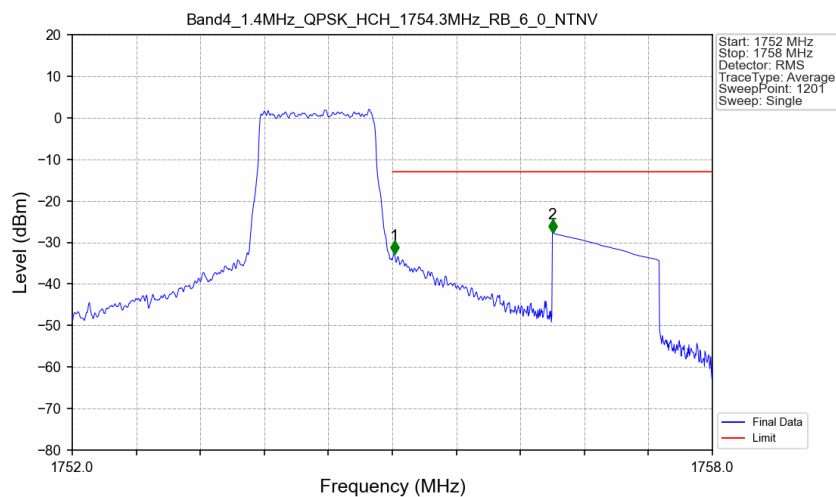
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



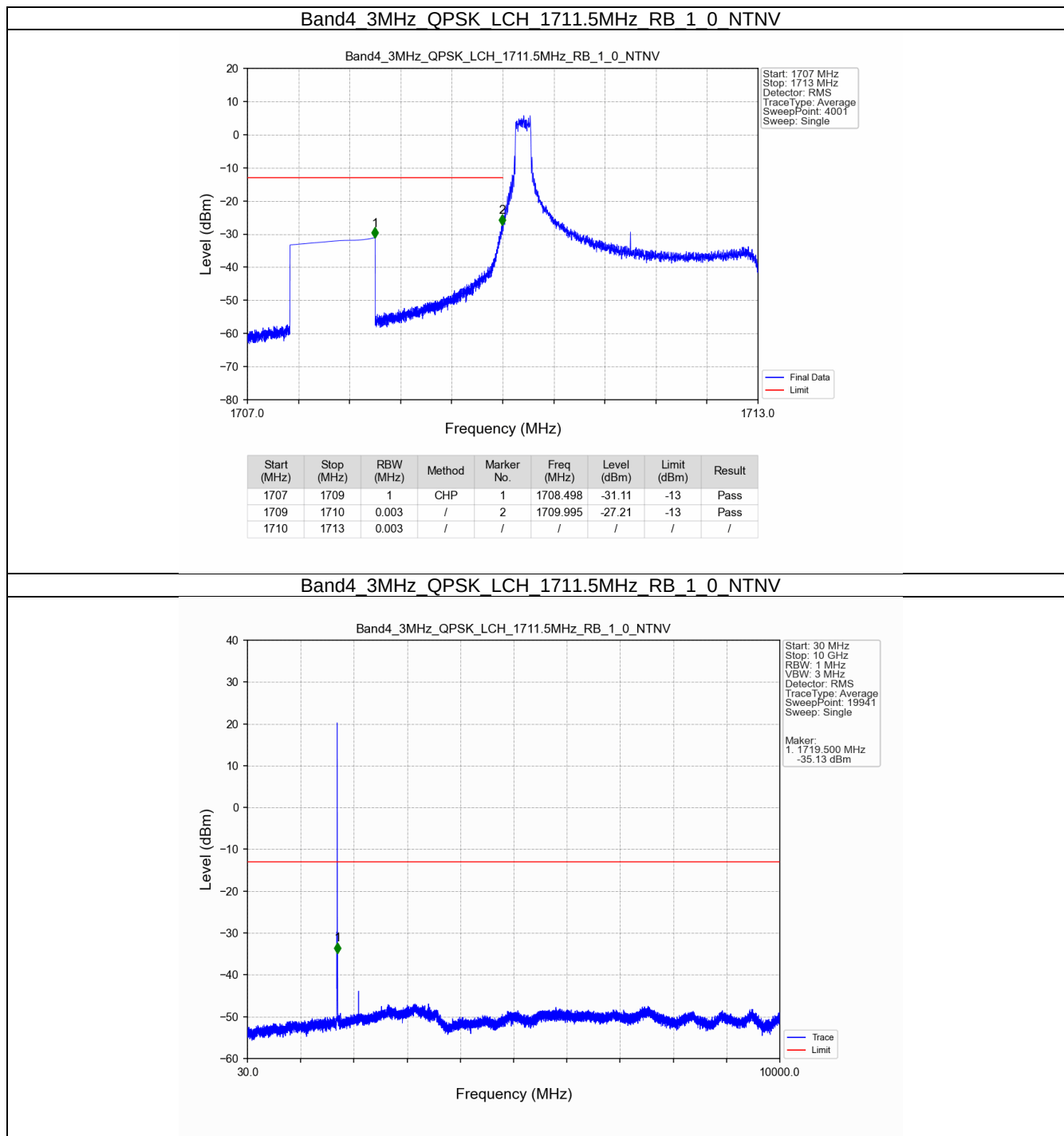
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



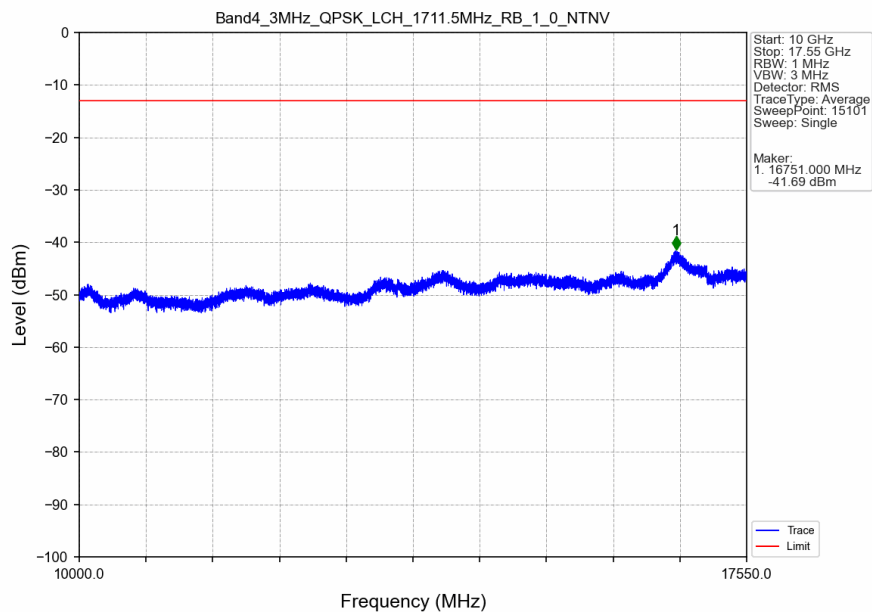
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



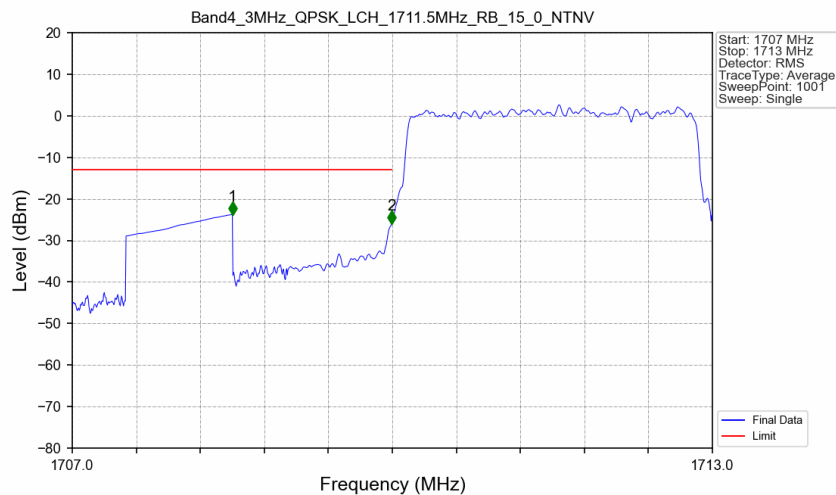
5.2.2 B4_3MHz



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

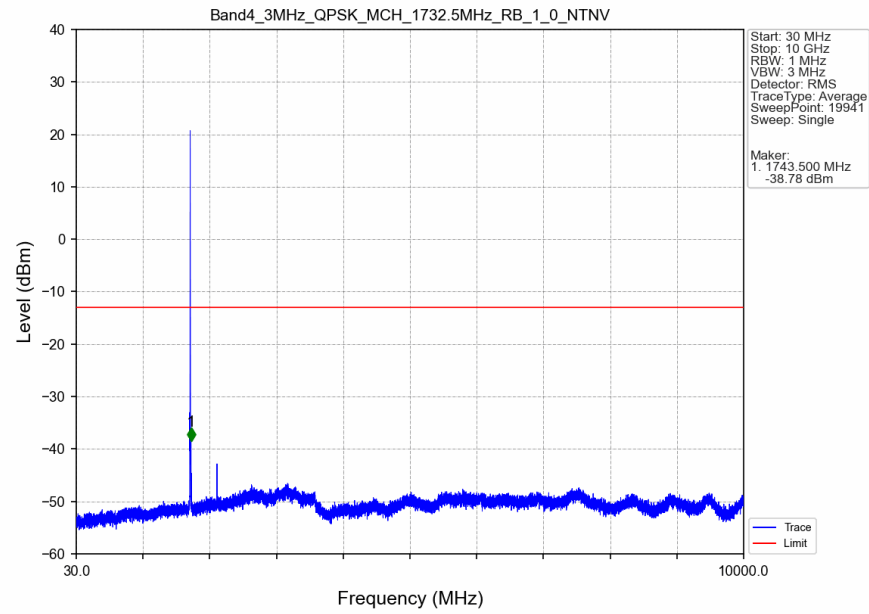


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

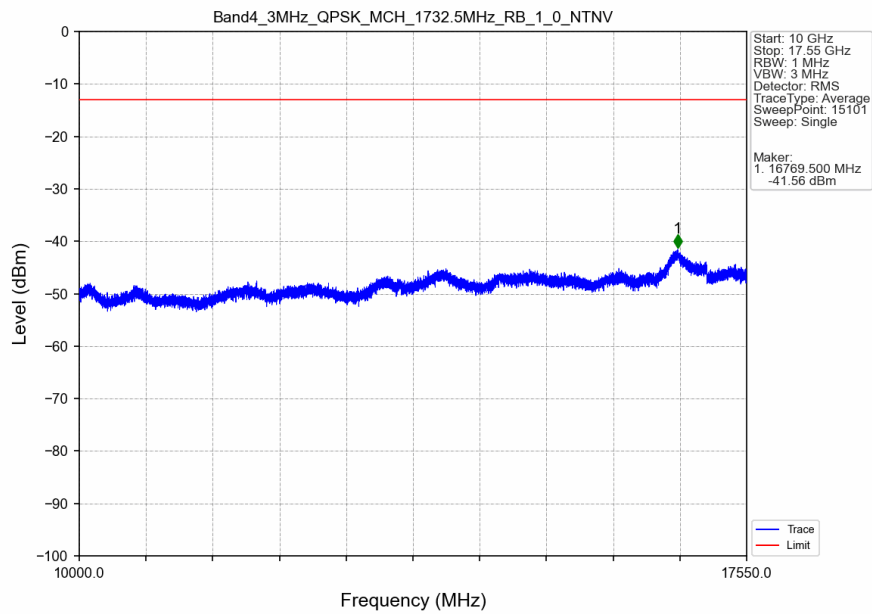


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-23.80	-13	Pass
1709	1710	0.033	CHP	2	1709.994	-26.07	-13	Pass
1710	1713	0.033	CHP	/	/	/	/	/

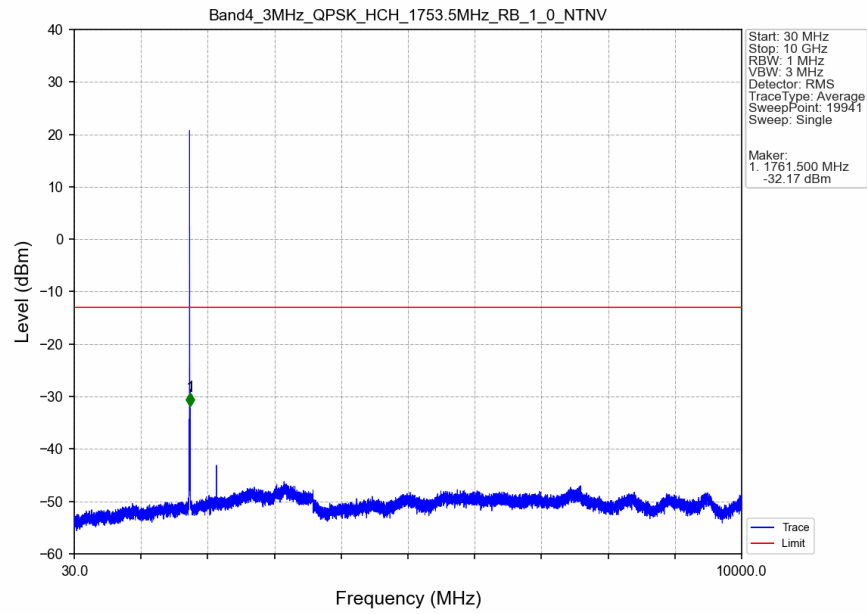
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



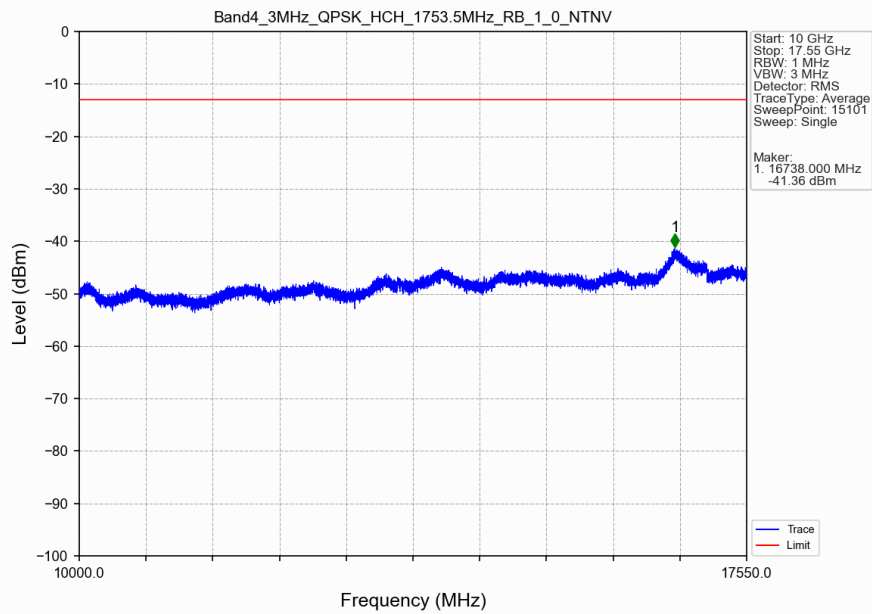
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



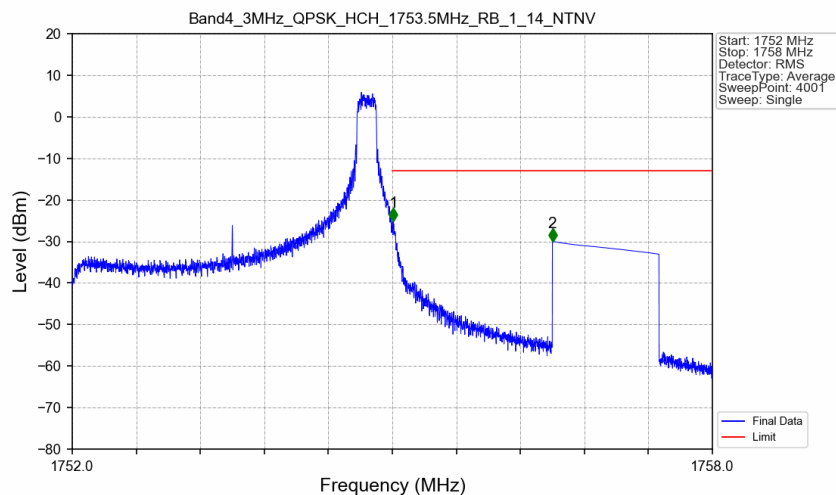
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



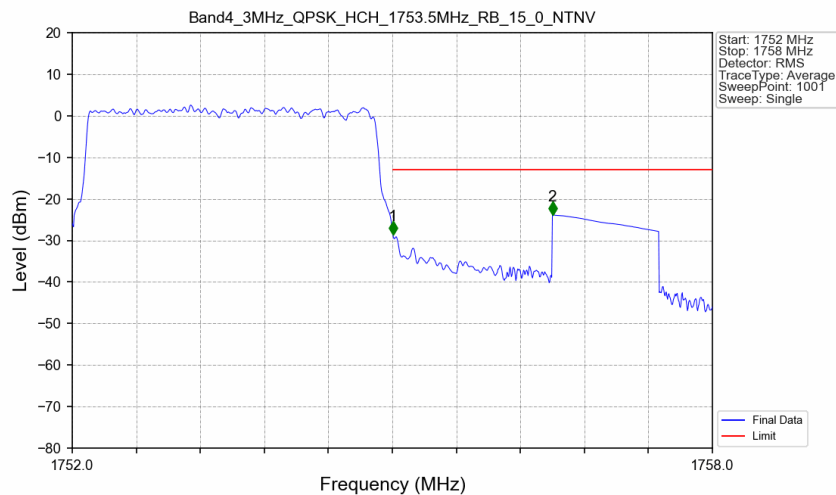
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV

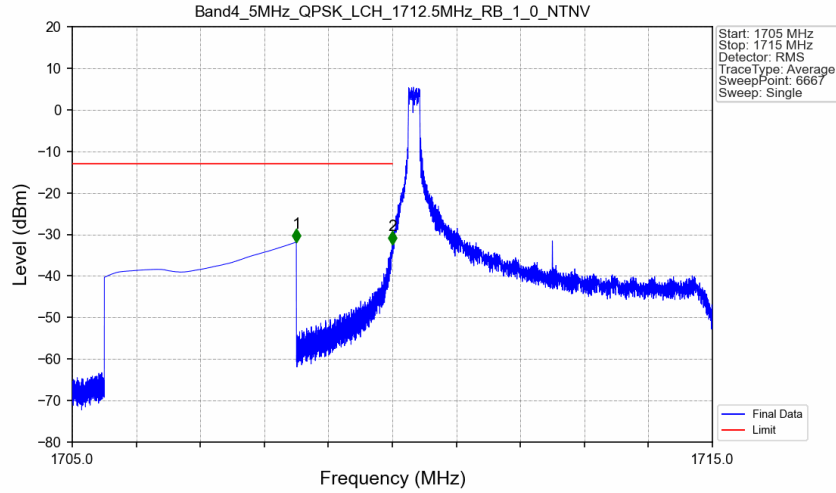


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



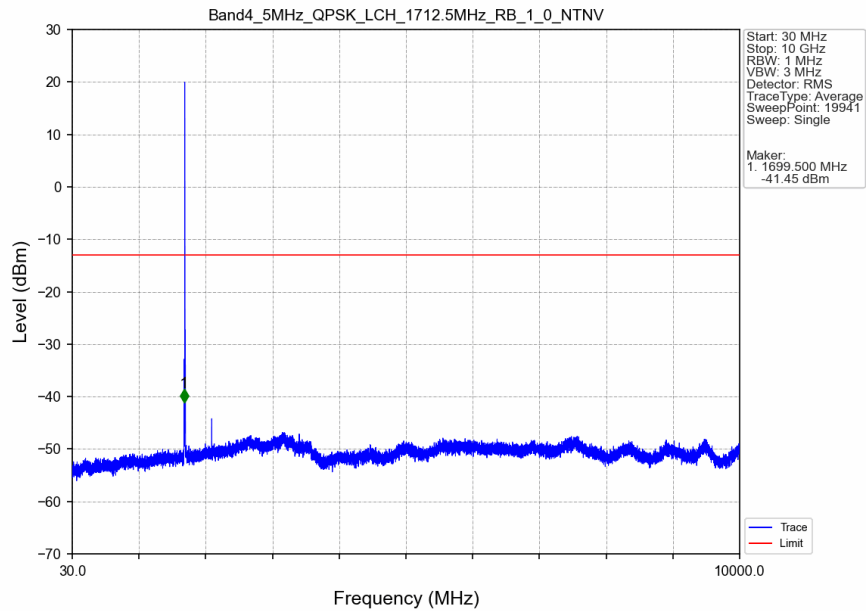
5.2.3 B4_5MHz

Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV

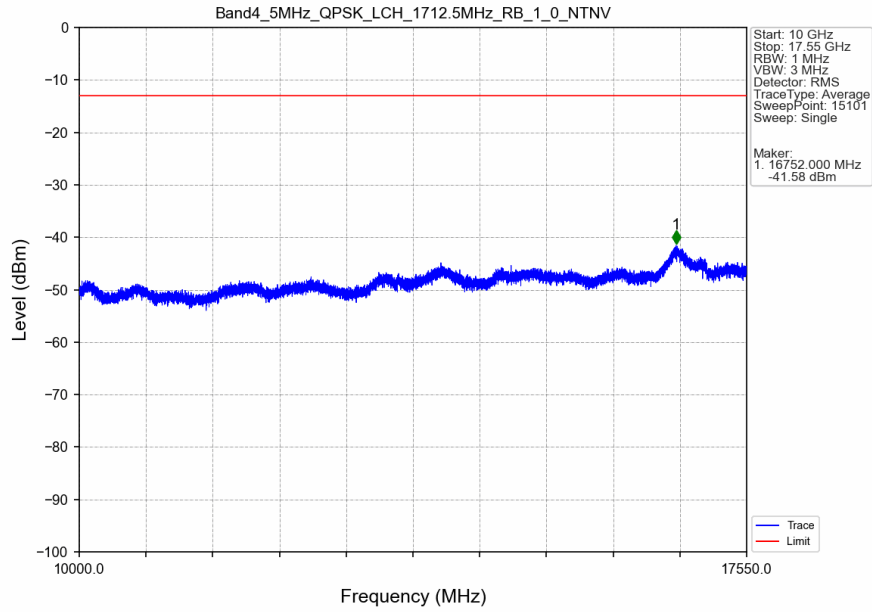


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-31.85	-13	Pass
1709	1710	0.003	/	2	1709.998	-32.49	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

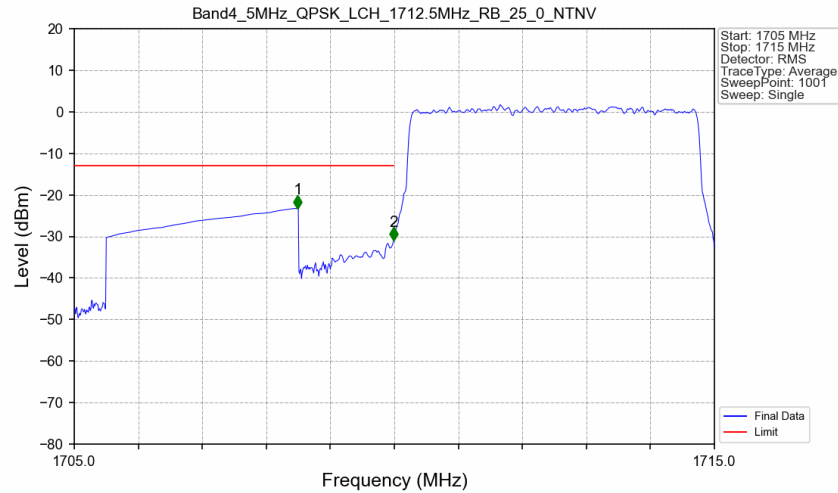
Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

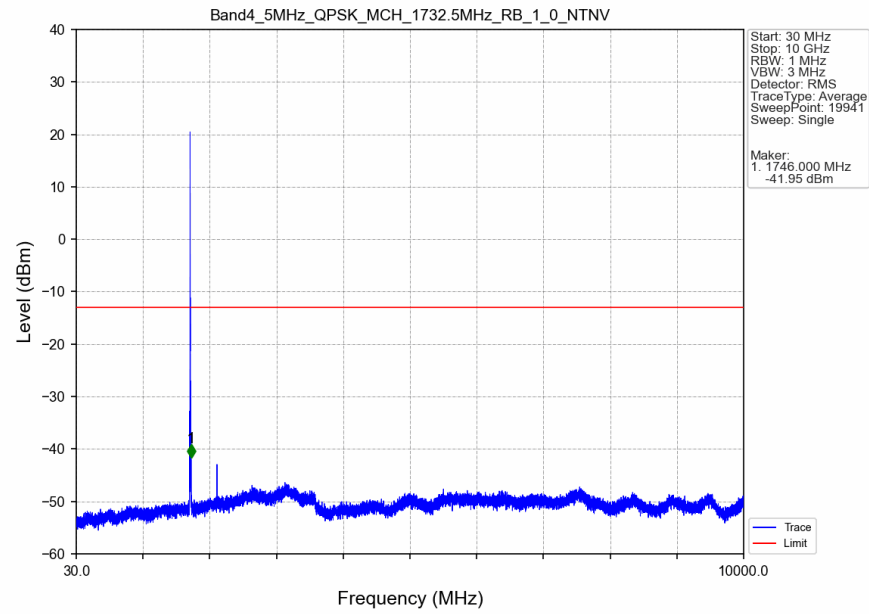


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

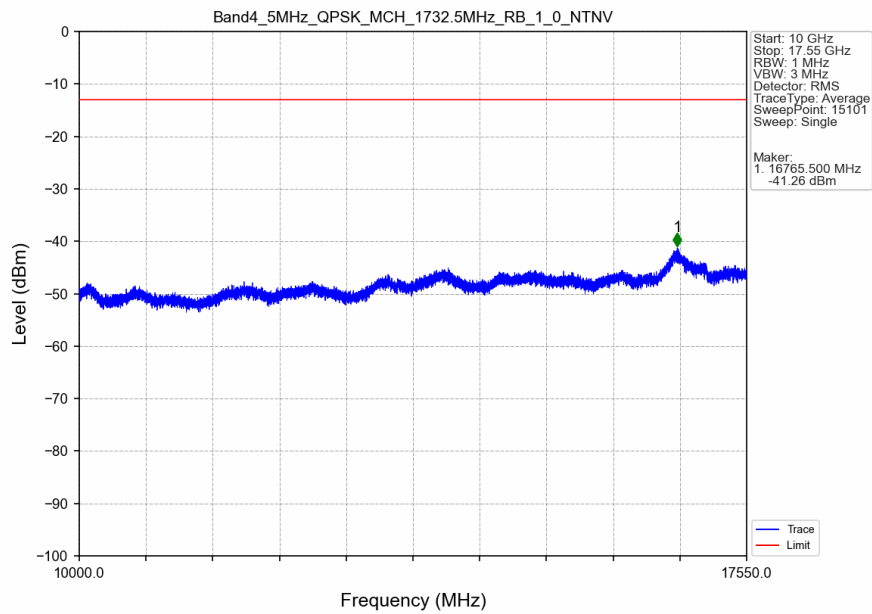


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-23.21	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-30.88	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

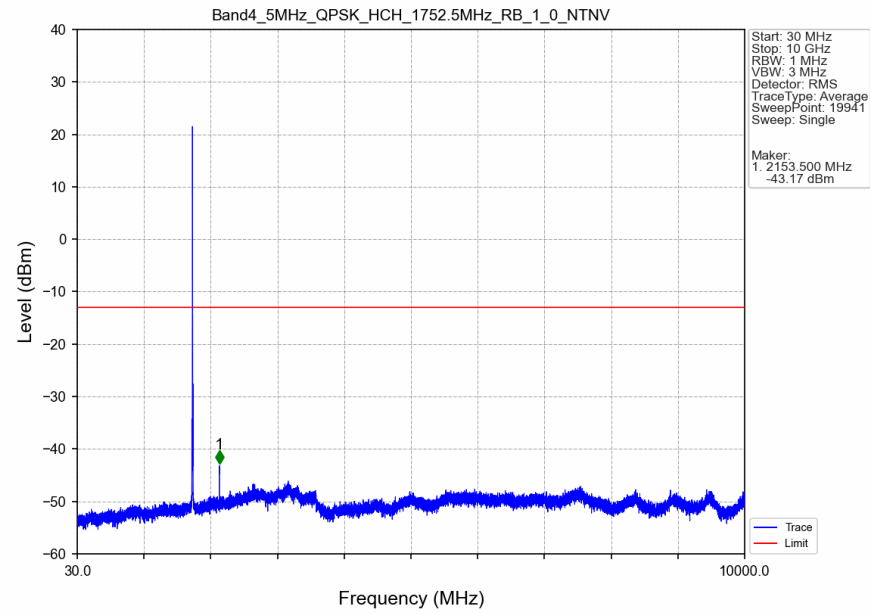
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



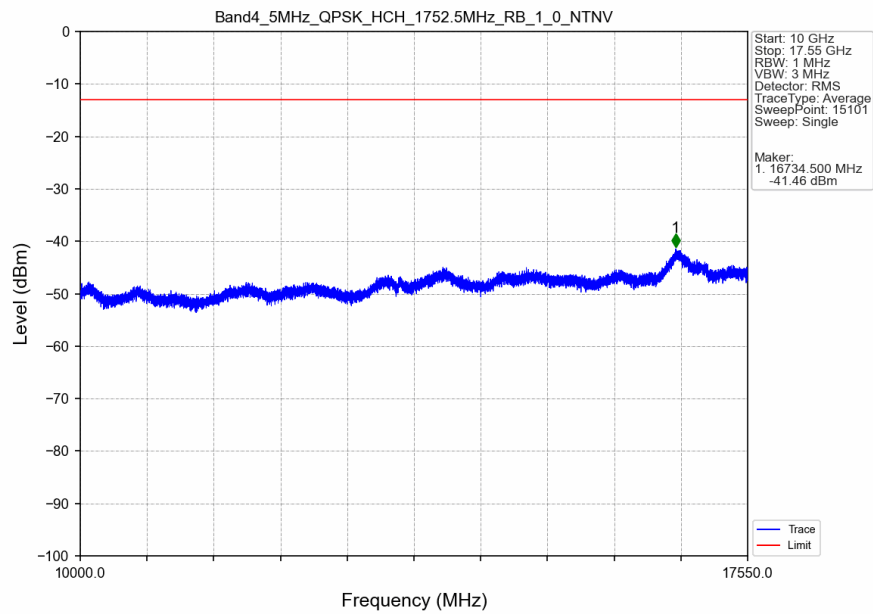
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



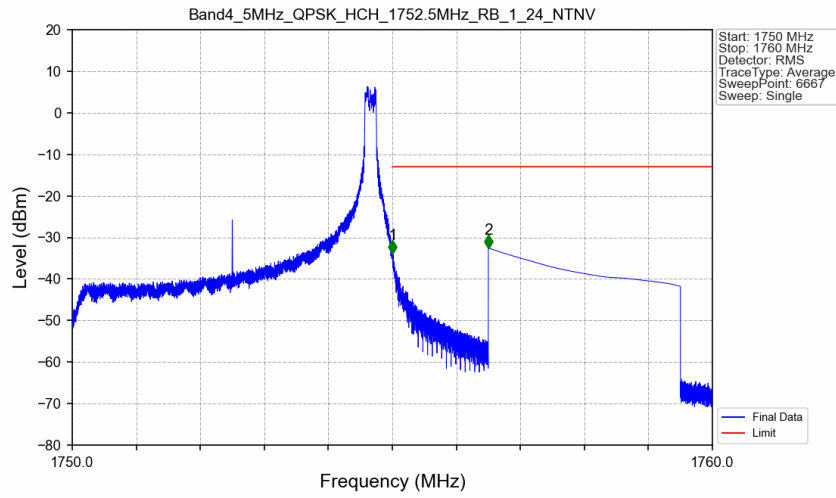
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



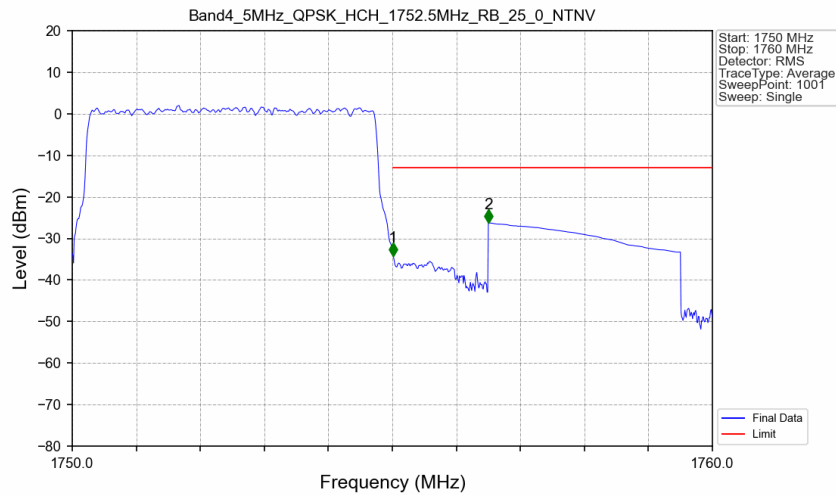
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV

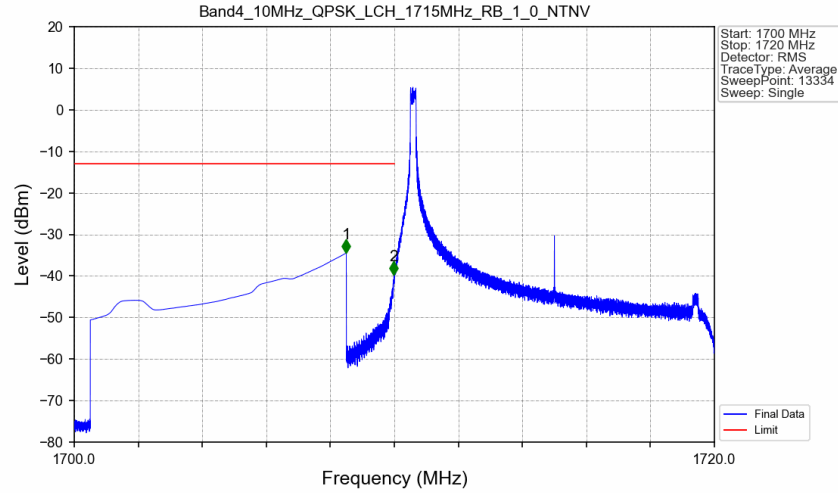


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV

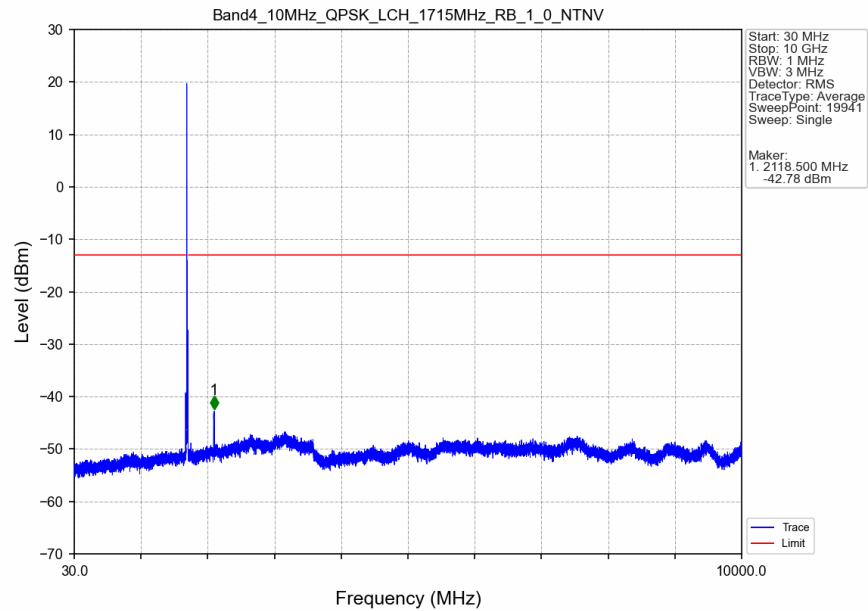


5.2.4 B4_10MHz

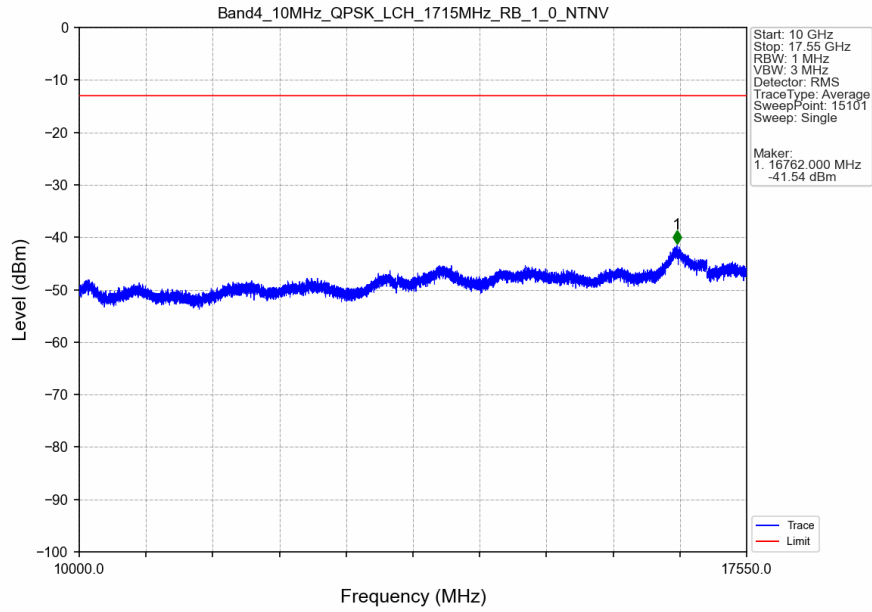
Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTN



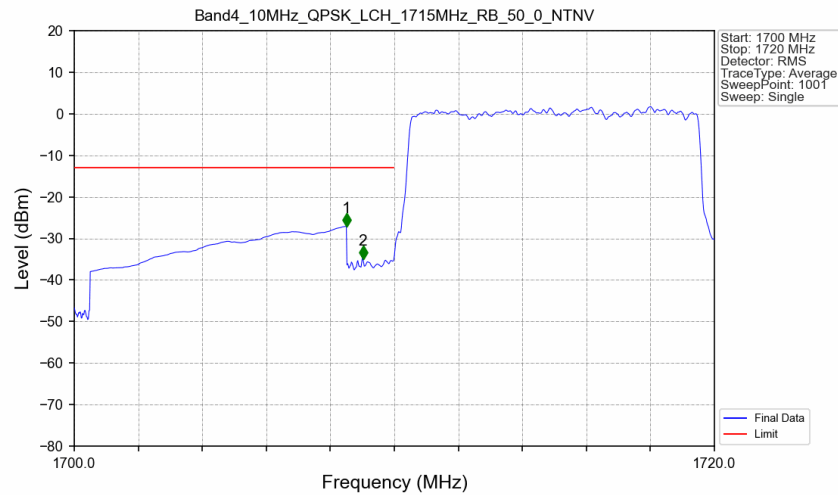
Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTN



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

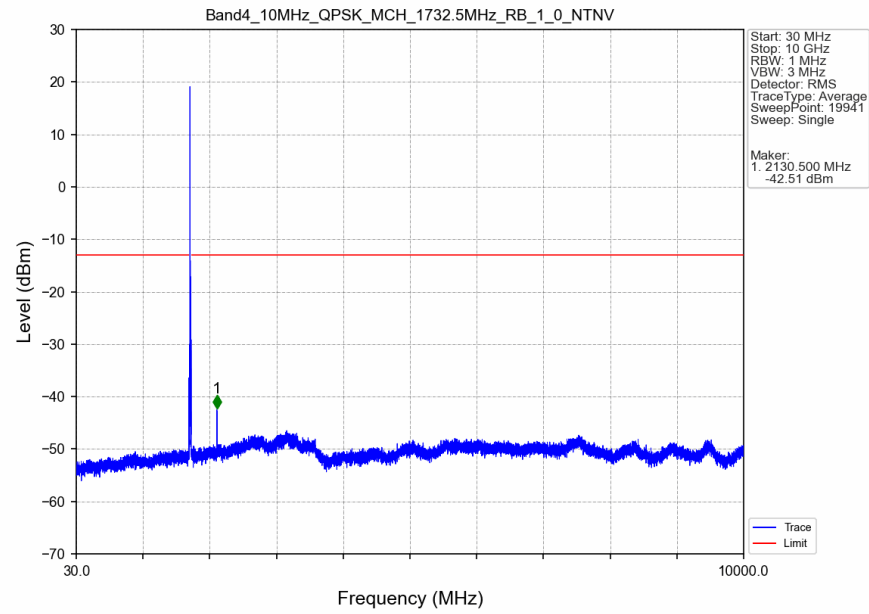


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

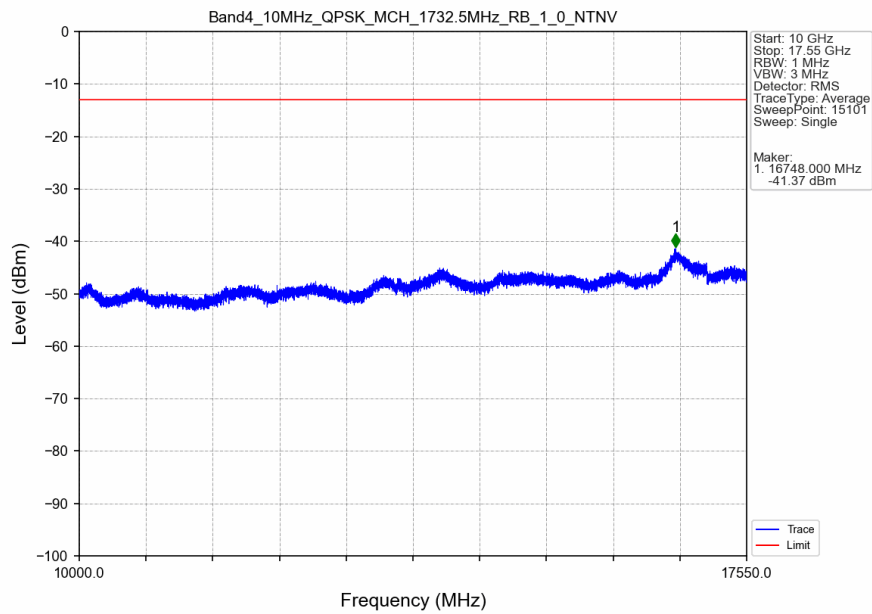


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-27.05	-13	Pass
1709	1710	0.103	CHP	2	1709.020	-35.03	-13	Pass
1710	1720	0.103	CHP	/	/	/	/	/

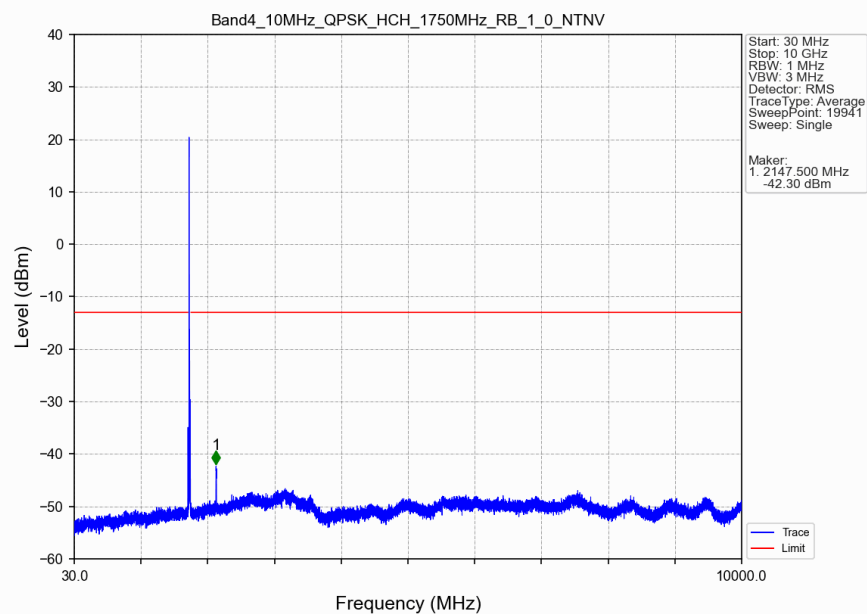
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



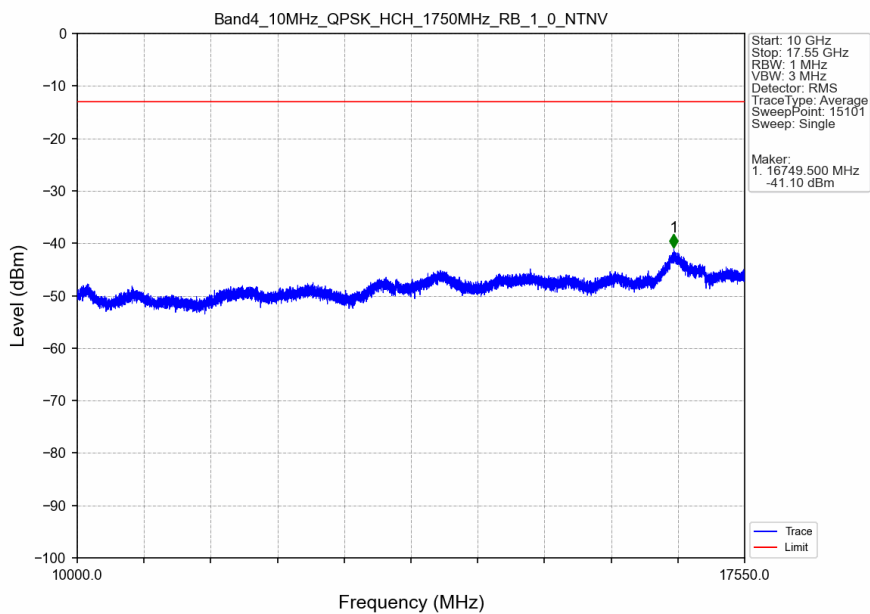
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



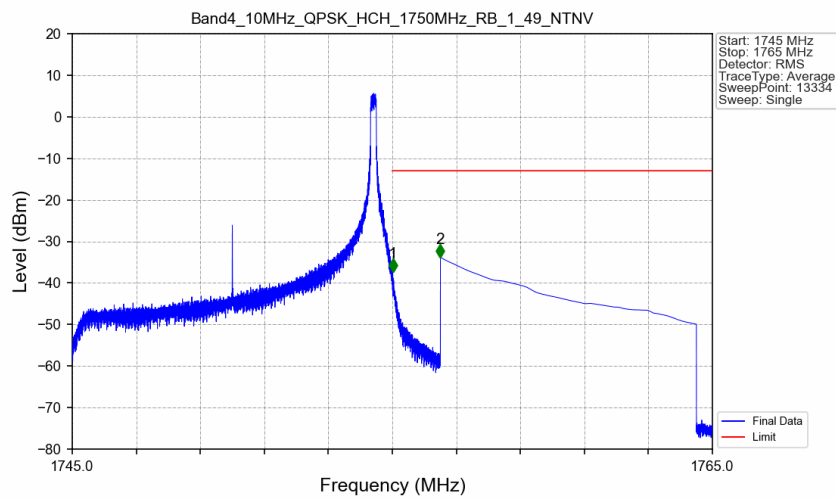
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

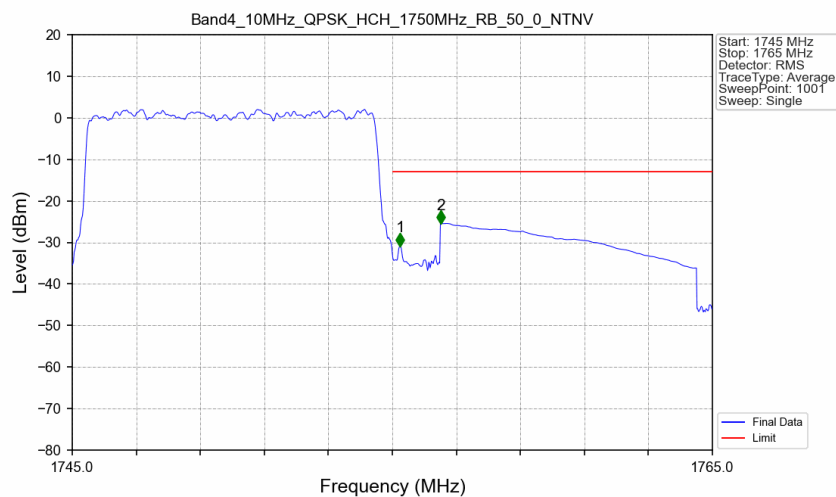


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



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	1755.013	-37.24	-13	Pass
1756	1765	1	CHP	2	1756.501	-33.82	-13	Pass

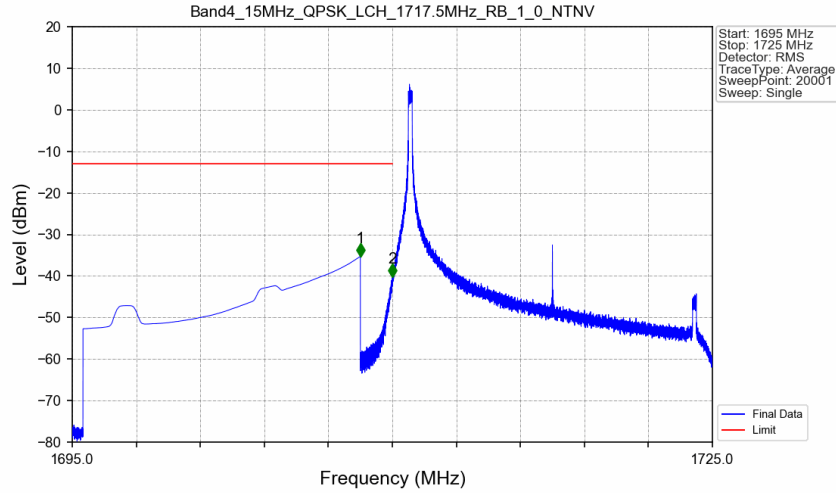
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



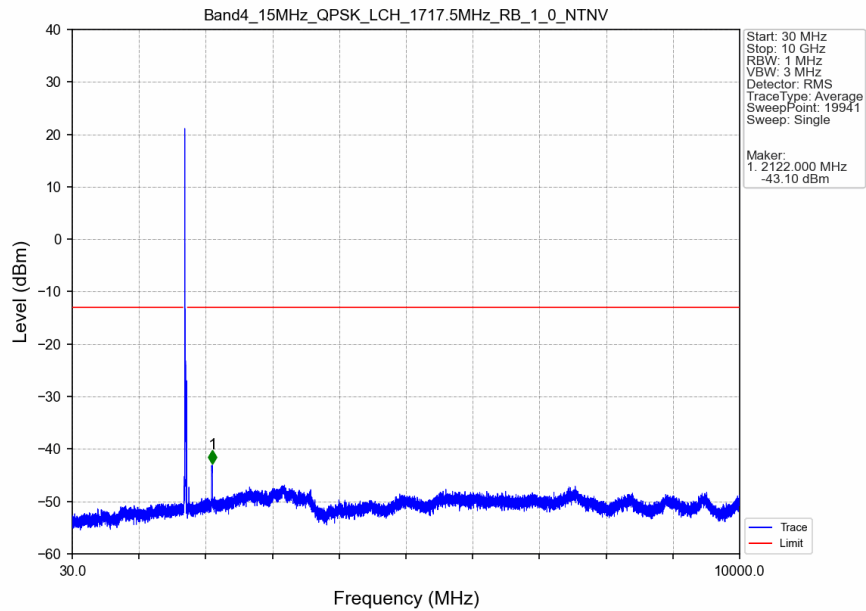
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.104	CHP	/	/	/	/	/
1755	1756	0.104	CHP	1	1755.240	-30.86	-13	Pass
1756	1765	1	CHP	2	1756.520	-25.43	-13	Pass

5.2.5 B4_15MHz

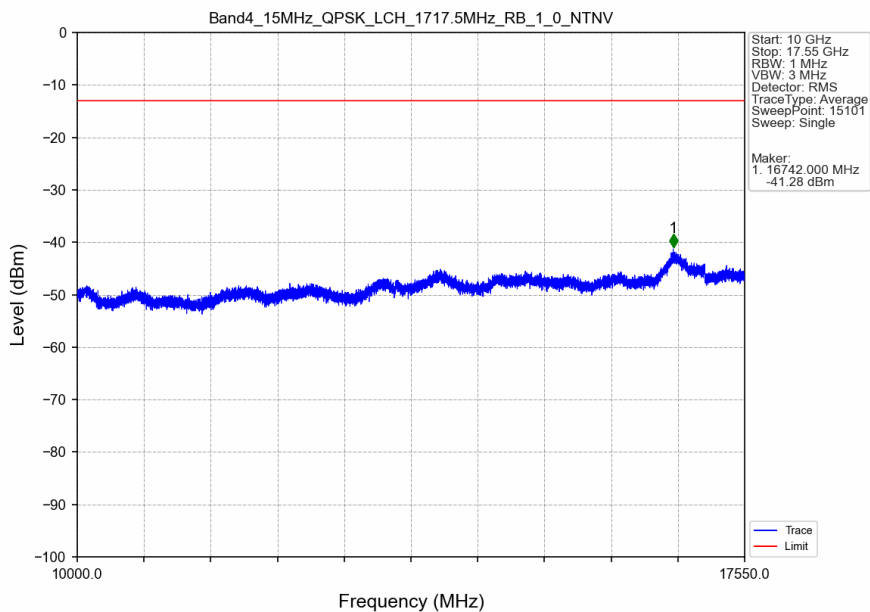
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



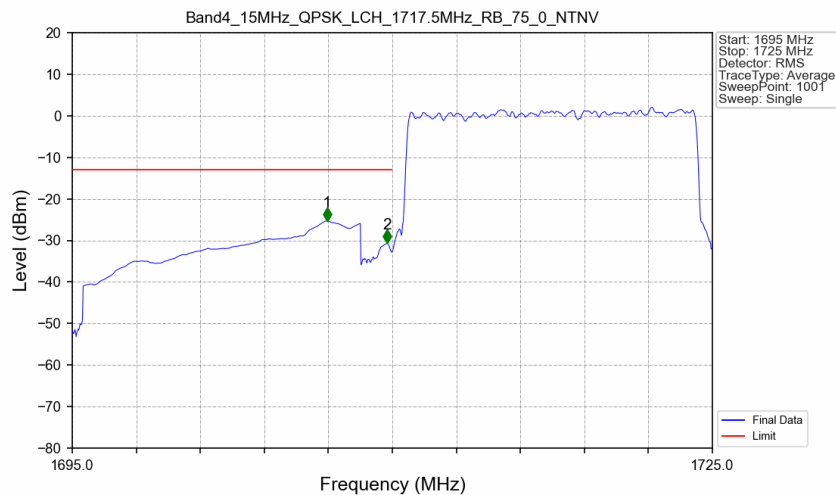
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

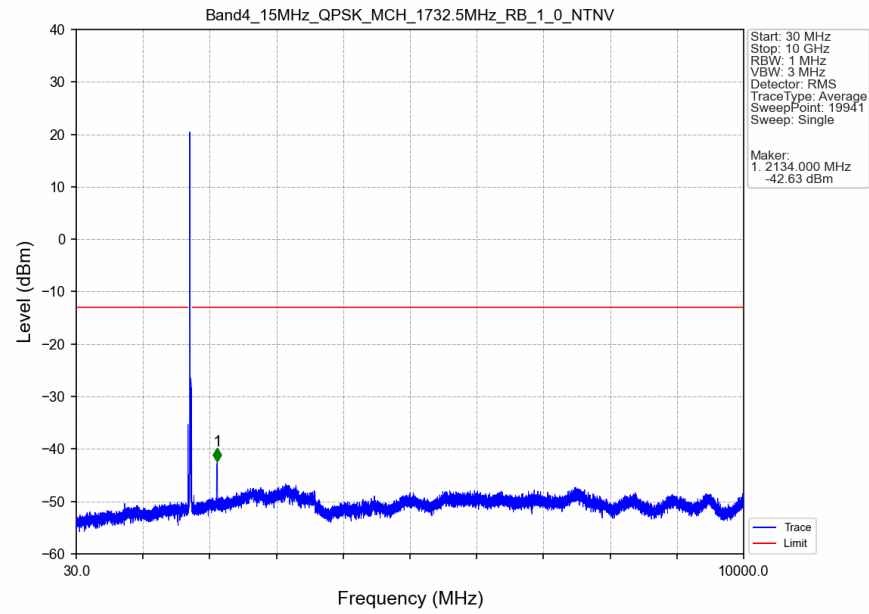


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

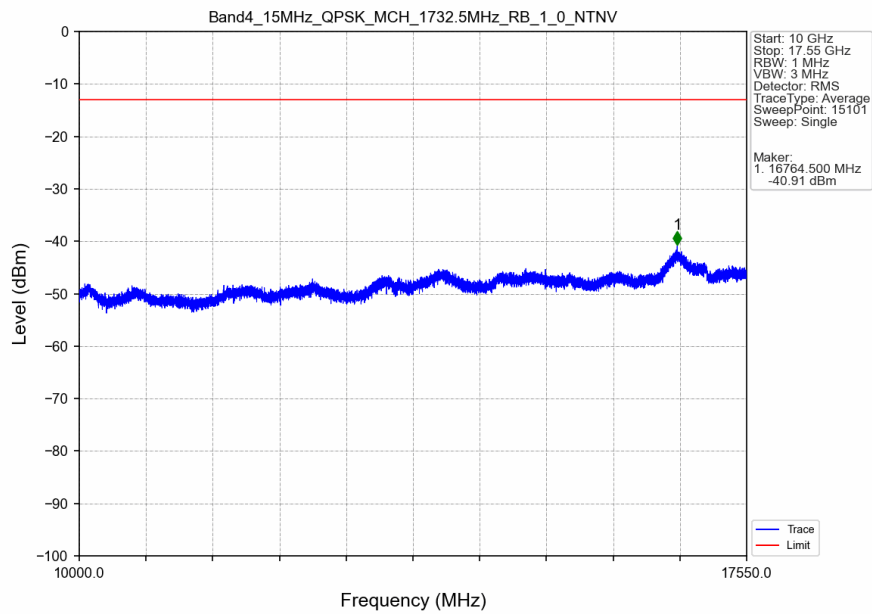


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1706.940	-25.33	-13	Pass
1709	1710	0.161	CHP	2	1709.760	-30.61	-13	Pass
1710	1725	0.161	CHP	/	/	/	/	/

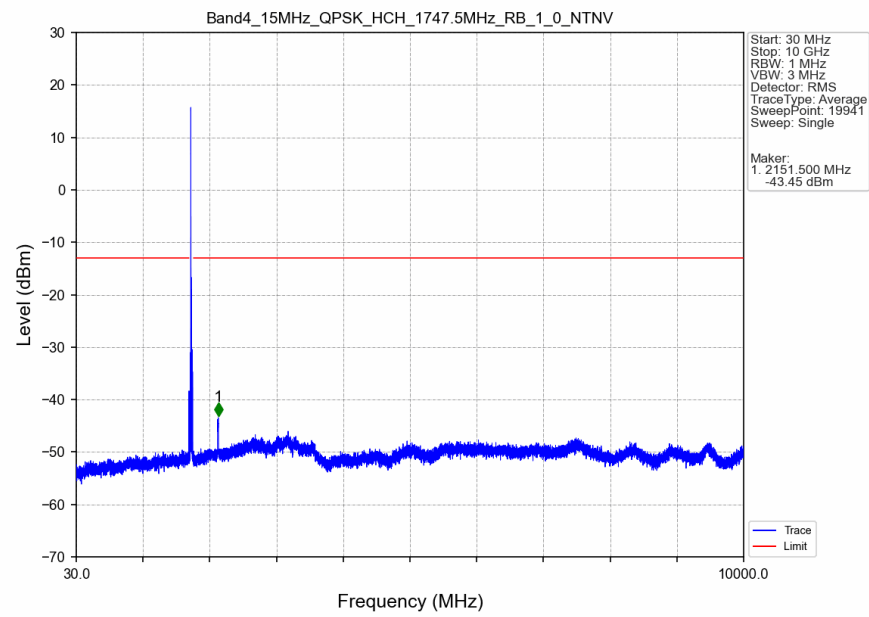
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



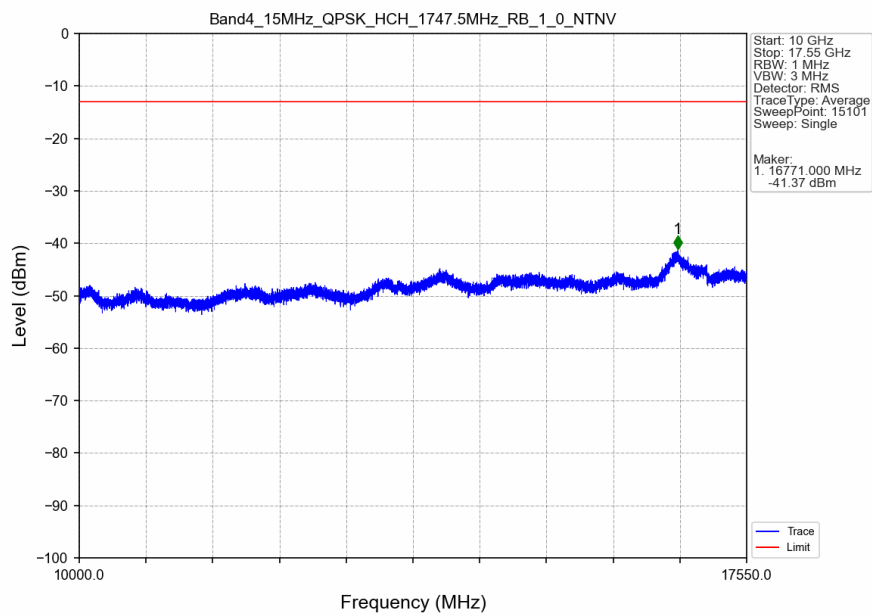
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



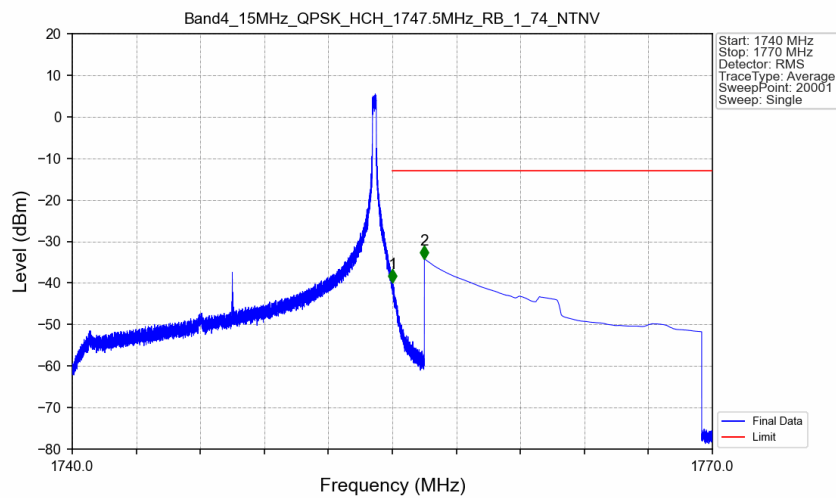
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



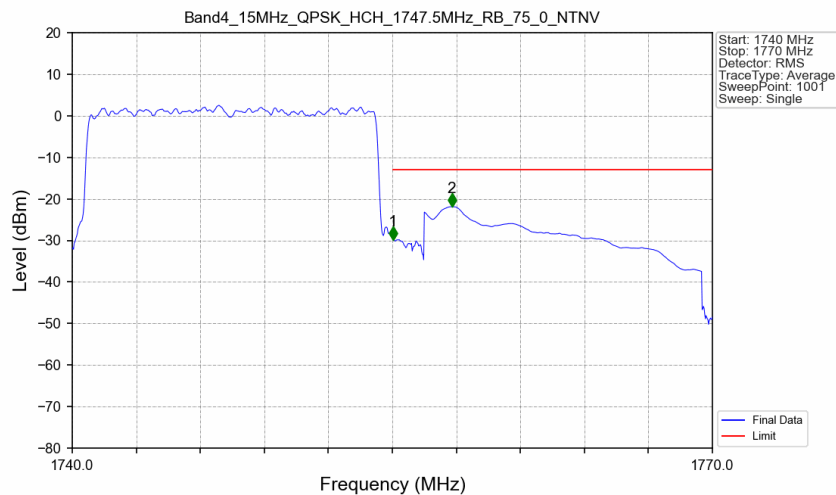
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV

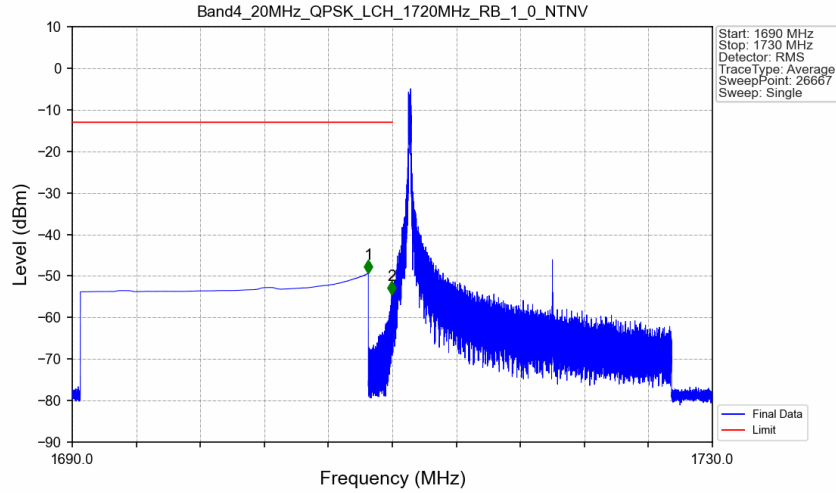


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

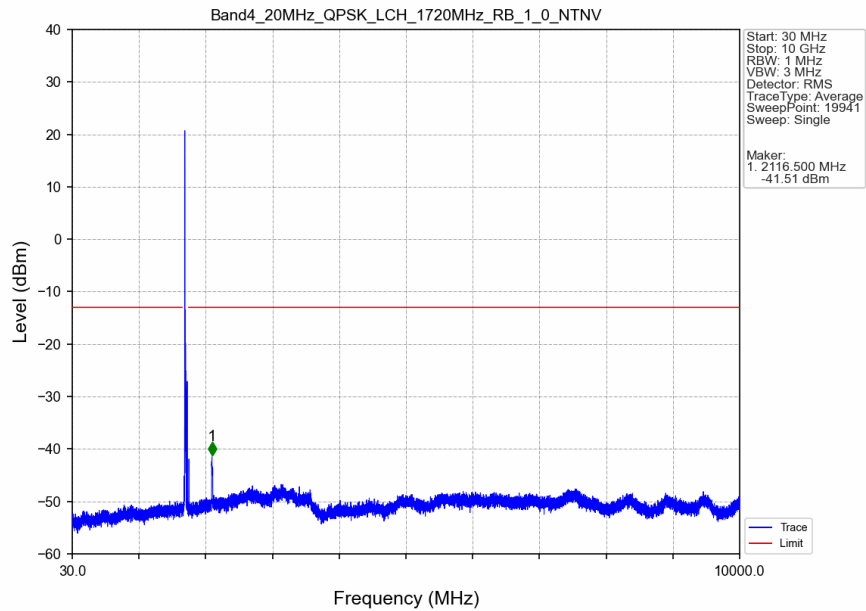


5.2.6 B4_20MHz

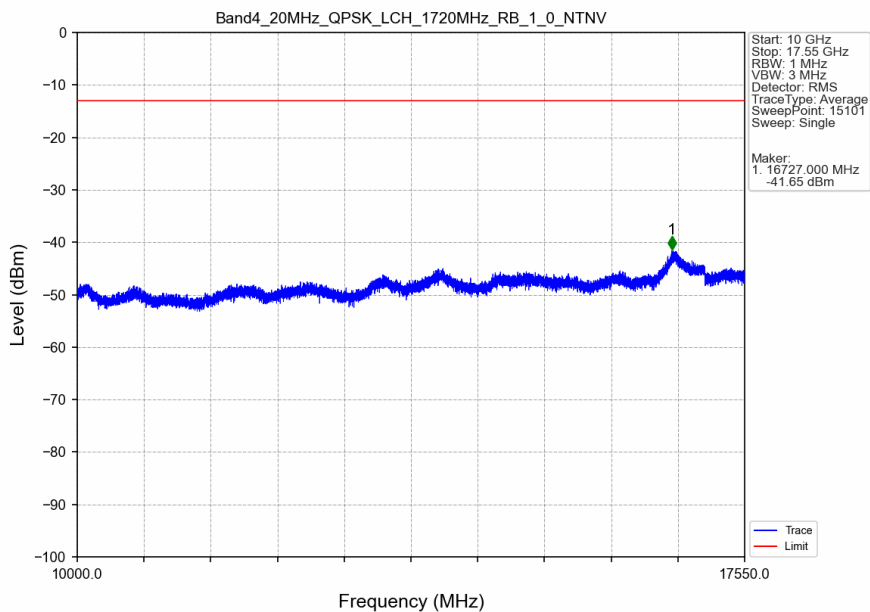
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



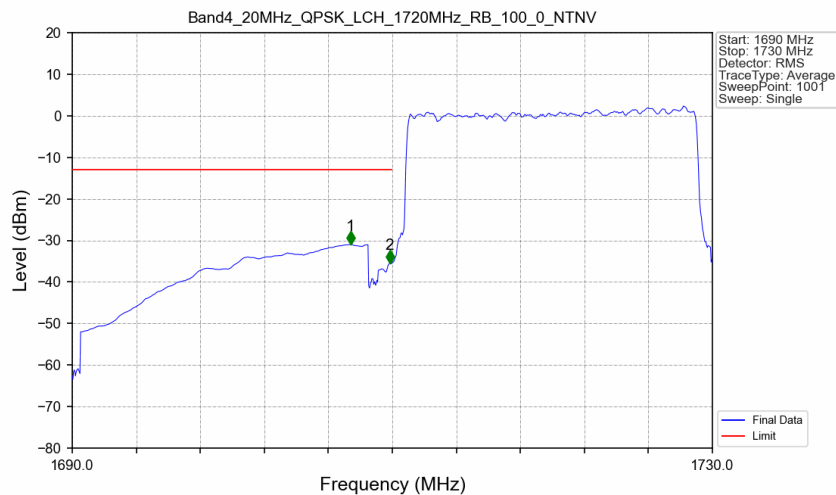
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

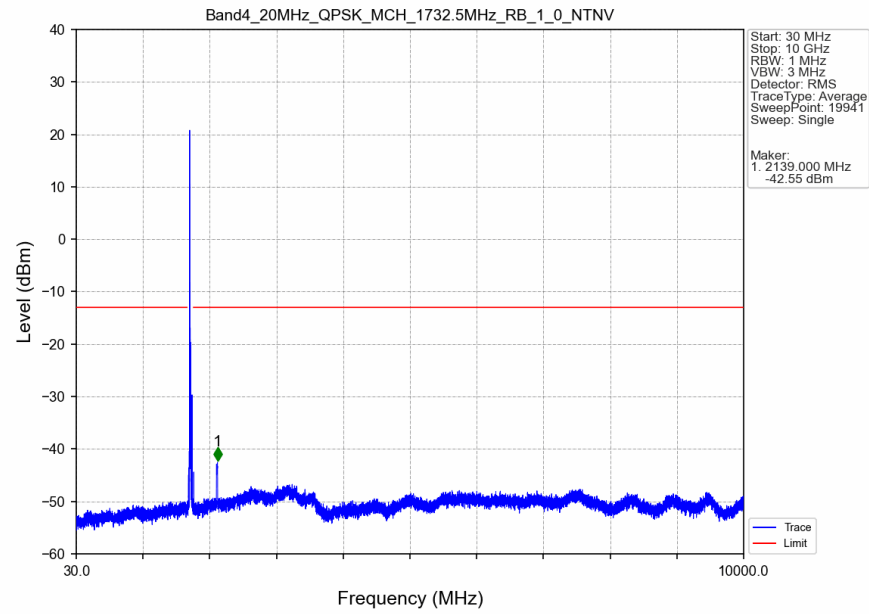


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

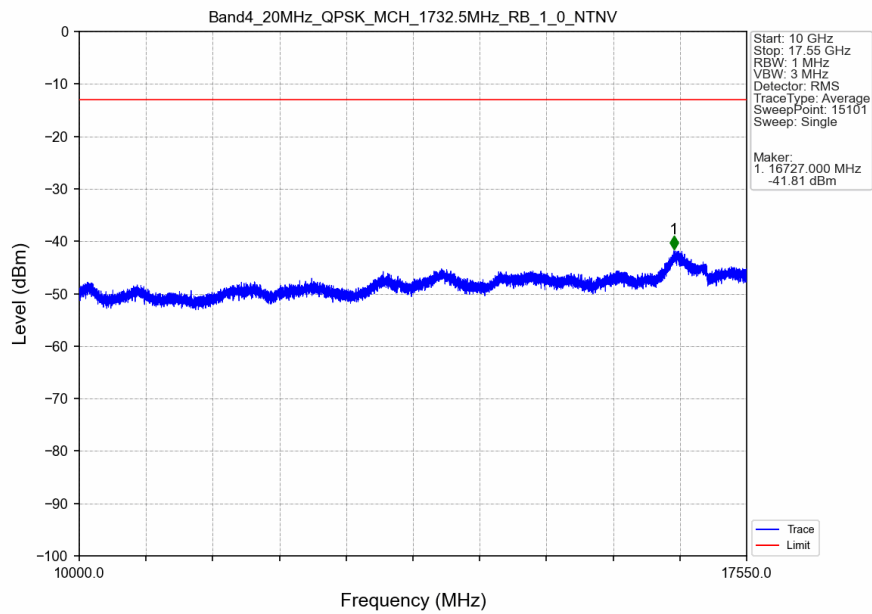


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1707.400	-30.97	-13	Pass
1709	1710	0.209	CHP	2	1709.840	-35.47	-13	Pass
1710	1730	0.209	CHP	/	/	/	/	/

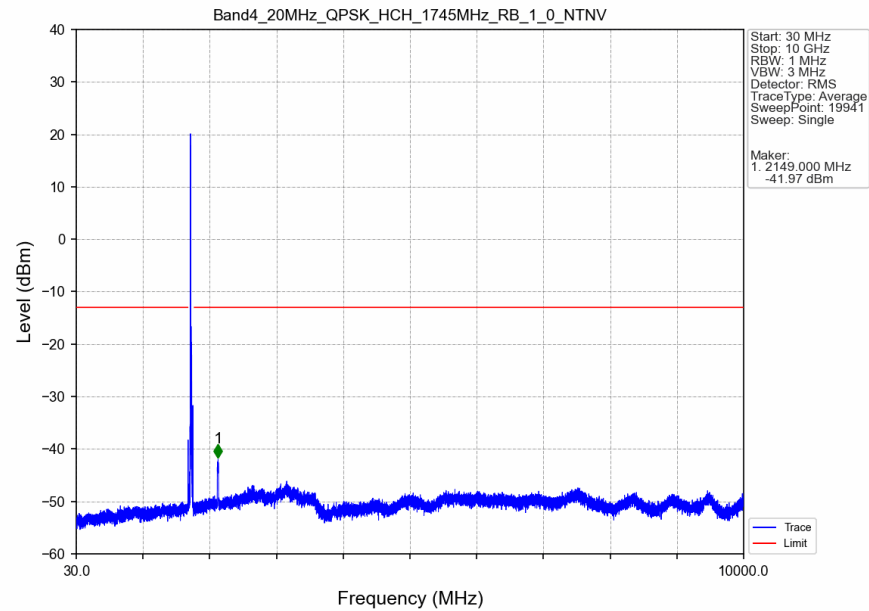
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



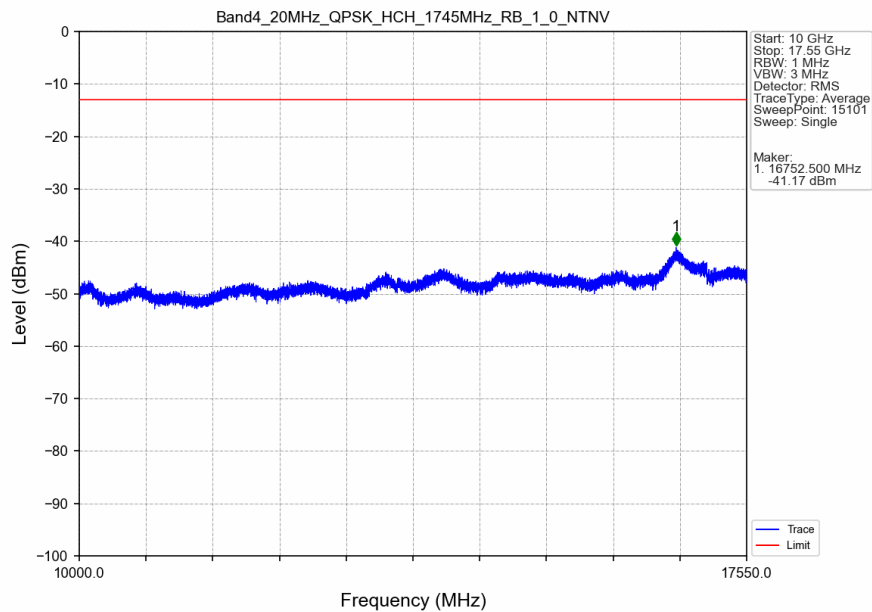
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



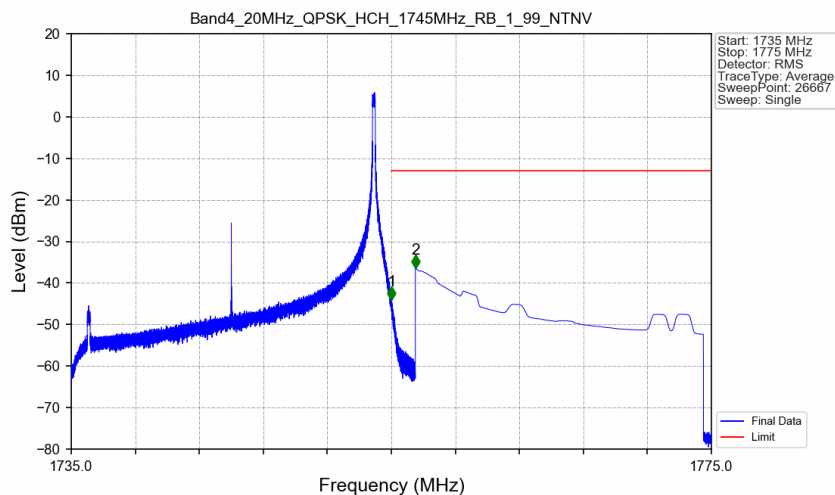
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



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

