

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	21.01	-1.30	19.71	<=30	Pass
			2	21.07	-1.30	19.77	<=30	Pass
			5	21.01	-1.30	19.71	<=30	Pass
		3	0	21.01	-1.30	19.71	<=30	Pass
			2	21.03	-1.30	19.73	<=30	Pass
			3	20.94	-1.30	19.64	<=30	Pass
		6	0	20.07	-1.30	18.77	<=30	Pass
	1732.5	1	0	21.15	-1.30	19.85	<=30	Pass
			2	21.29	-1.30	19.99	<=30	Pass
			5	21.10	-1.30	19.80	<=30	Pass
		3	0	21.13	-1.30	19.83	<=30	Pass
			2	21.21	-1.30	19.91	<=30	Pass
			3	21.12	-1.30	19.82	<=30	Pass
		6	0	20.12	-1.30	18.82	<=30	Pass
	1754.3	1	0	21.94	-1.30	20.64	<=30	Pass
			2	22.07	-1.30	20.77	<=30	Pass
			5	21.88	-1.30	20.58	<=30	Pass
		3	0	22.03	-1.30	20.73	<=30	Pass
			2	22.06	-1.30	20.76	<=30	Pass
			3	21.96	-1.30	20.66	<=30	Pass
		6	0	21.03	-1.30	19.73	<=30	Pass
16QAM	1710.7	1	0	20.03	-1.30	18.73	<=30	Pass
			2	20.15	-1.30	18.85	<=30	Pass
			5	20.02	-1.30	18.72	<=30	Pass
		3	0	20.02	-1.30	18.72	<=30	Pass
			2	20.06	-1.30	18.76	<=30	Pass
			3	19.98	-1.30	18.68	<=30	Pass
		6	0	19.10	-1.30	17.80	<=30	Pass
	1732.5	1	0	19.93	-1.30	18.63	<=30	Pass
			2	20.07	-1.30	18.77	<=30	Pass
			5	19.90	-1.30	18.60	<=30	Pass
		3	0	20.24	-1.30	18.94	<=30	Pass
			2	20.29	-1.30	18.99	<=30	Pass
			3	20.20	-1.30	18.90	<=30	Pass
		6	0	19.31	-1.30	18.01	<=30	Pass
	1754.3	1	0	21.01	-1.30	19.71	<=30	Pass
			2	21.15	-1.30	19.85	<=30	Pass
			5	20.98	-1.30	19.68	<=30	Pass
		3	0	20.97	-1.30	19.67	<=30	Pass
			2	21.03	-1.30	19.73	<=30	Pass
			3	20.93	-1.30	19.63	<=30	Pass
		6	0	20.18	-1.30	18.88	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	20.98	-1.30	19.68	<=30	Pass
			7	21.22	-1.30	19.92	<=30	Pass
			14	20.91	-1.30	19.61	<=30	Pass
		8	0	20.11	-1.30	18.81	<=30	Pass
			4	20.32	-1.30	19.02	<=30	Pass
			7	20.24	-1.30	18.94	<=30	Pass
		15	0	20.22	-1.30	18.92	<=30	Pass
	1732.5	1	0	21.04	-1.30	19.74	<=30	Pass
			7	21.29	-1.30	19.99	<=30	Pass
			14	20.87	-1.30	19.57	<=30	Pass
		8	0	20.16	-1.30	18.86	<=30	Pass
			4	20.22	-1.30	18.92	<=30	Pass
			7	20.09	-1.30	18.79	<=30	Pass
		15	0	20.12	-1.30	18.82	<=30	Pass
	1753.5	1	0	21.92	-1.30	20.62	<=30	Pass
			7	22.22	-1.30	20.92	<=30	Pass
			14	21.92	-1.30	20.62	<=30	Pass
		8	0	21.15	-1.30	19.85	<=30	Pass
			4	21.25	-1.30	19.95	<=30	Pass
			7	21.17	-1.30	19.87	<=30	Pass
		15	0	21.17	-1.30	19.87	<=30	Pass
16QAM	1711.5	1	0	20.31	-1.30	19.01	<=30	Pass
			7	20.58	-1.30	19.28	<=30	Pass
			14	20.28	-1.30	18.98	<=30	Pass
		8	0	19.37	-1.30	18.07	<=30	Pass
			4	19.44	-1.30	18.14	<=30	Pass
			7	19.39	-1.30	18.09	<=30	Pass
		15	0	19.28	-1.30	17.98	<=30	Pass
	1732.5	1	0	20.04	-1.30	18.74	<=30	Pass
			7	20.31	-1.30	19.01	<=30	Pass
			14	19.89	-1.30	18.59	<=30	Pass
		8	0	19.42	-1.30	18.12	<=30	Pass
			4	19.48	-1.30	18.18	<=30	Pass
			7	19.33	-1.30	18.03	<=30	Pass
		15	0	19.32	-1.30	18.02	<=30	Pass
	1753.5	1	0	20.74	-1.30	19.44	<=30	Pass
			7	21.08	-1.30	19.78	<=30	Pass
			14	20.76	-1.30	19.46	<=30	Pass
		8	0	20.29	-1.30	18.99	<=30	Pass
			4	20.38	-1.30	19.08	<=30	Pass
			7	20.30	-1.30	19.00	<=30	Pass
		15	0	20.29	-1.30	18.99	<=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	21.60	-1.30	20.30	<=30	Pass
			13	21.48	-1.30	20.18	<=30	Pass
			24	21.53	-1.30	20.23	<=30	Pass
		12	0	20.59	-1.30	19.29	<=30	Pass
			6	20.55	-1.30	19.25	<=30	Pass
			13	20.75	-1.30	19.45	<=30	Pass
		25	0	20.70	-1.30	19.40	<=30	Pass
	1732.5	1	0	21.44	-1.30	20.14	<=30	Pass
			13	21.37	-1.30	20.07	<=30	Pass
			24	21.12	-1.30	19.82	<=30	Pass
		12	0	20.29	-1.30	18.99	<=30	Pass
			6	20.36	-1.30	19.06	<=30	Pass
			13	20.17	-1.30	18.87	<=30	Pass
		25	0	20.26	-1.30	18.96	<=30	Pass
	1752.5	1	0	22.36	-1.30	21.06	<=30	Pass
			13	22.39	-1.30	21.09	<=30	Pass
			24	22.40	-1.30	21.10	<=30	Pass
		12	0	21.44	-1.30	20.14	<=30	Pass
			6	21.47	-1.30	20.17	<=30	Pass
			13	21.53	-1.30	20.23	<=30	Pass
		25	0	21.50	-1.30	20.20	<=30	Pass
16QAM	1712.5	1	0	20.93	-1.30	19.63	<=30	Pass
			13	20.84	-1.30	19.54	<=30	Pass
			24	20.90	-1.30	19.60	<=30	Pass
		12	0	19.76	-1.30	18.46	<=30	Pass
			6	19.74	-1.30	18.44	<=30	Pass
			13	19.93	-1.30	18.63	<=30	Pass
		25	0	19.81	-1.30	18.51	<=30	Pass
	1732.5	1	0	20.54	-1.30	19.24	<=30	Pass
			13	20.53	-1.30	19.23	<=30	Pass
			24	20.41	-1.30	19.11	<=30	Pass
		12	0	19.57	-1.30	18.27	<=30	Pass
			6	19.44	-1.30	18.14	<=30	Pass
			13	19.40	-1.30	18.10	<=30	Pass
		25	0	19.50	-1.30	18.20	<=30	Pass
	1752.5	1	0	21.57	-1.30	20.27	<=30	Pass
			13	21.61	-1.30	20.31	<=30	Pass
			24	21.64	-1.30	20.34	<=30	Pass
		12	0	20.48	-1.30	19.18	<=30	Pass
			6	20.47	-1.30	19.17	<=30	Pass
			13	20.66	-1.30	19.36	<=30	Pass
		25	0	20.66	-1.30	19.36	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.00	-1.30	20.70	<=30	Pass
			25	22.02	-1.30	20.72	<=30	Pass
			49	22.27	-1.30	20.97	<=30	Pass
		25	0	21.12	-1.30	19.82	<=30	Pass
			13	21.16	-1.30	19.86	<=30	Pass

16QAM		50	25	21.32	-1.30	20.02	<=30	Pass
			0	21.22	-1.30	19.92	<=30	Pass
	1732.5	1	0	21.55	-1.30	20.25	<=30	Pass
			25	21.35	-1.30	20.05	<=30	Pass
			49	21.13	-1.30	19.83	<=30	Pass
		25	0	20.44	-1.30	19.14	<=30	Pass
			13	20.28	-1.30	18.98	<=30	Pass
			25	20.22	-1.30	18.92	<=30	Pass
		50	0	20.33	-1.30	19.03	<=30	Pass
	1750	1	0	22.44	-1.30	21.14	<=30	Pass
			25	22.53	-1.30	21.23	<=30	Pass
			49	22.64	-1.30	21.34	<=30	Pass
		25	0	21.63	-1.30	20.33	<=30	Pass
			13	21.68	-1.30	20.38	<=30	Pass
			25	21.77	-1.30	20.47	<=30	Pass
		50	0	21.73	-1.30	20.43	<=30	Pass
	1715	1	0	21.35	-1.30	20.05	<=30	Pass
			25	21.36	-1.30	20.06	<=30	Pass
			49	21.54	-1.30	20.24	<=30	Pass
		12	0	21.20	-1.30	19.90	<=30	Pass
			19	21.20	-1.30	19.90	<=30	Pass
			38	21.45	-1.30	20.15	<=30	Pass
		27	0	20.30	-1.30	19.00	<=30	Pass
		1732.5	0	20.59	-1.30	19.29	<=30	Pass
			25	20.37	-1.30	19.07	<=30	Pass
			49	20.14	-1.30	18.84	<=30	Pass
			0	20.54	-1.30	19.24	<=30	Pass
			19	20.29	-1.30	18.99	<=30	Pass
			38	20.19	-1.30	18.89	<=30	Pass
		27	0	19.68	-1.30	18.38	<=30	Pass
	1750	1	0	21.33	-1.30	20.03	<=30	Pass
			25	21.45	-1.30	20.15	<=30	Pass
			49	21.58	-1.30	20.28	<=30	Pass
		12	0	21.67	-1.30	20.37	<=30	Pass
			19	21.67	-1.30	20.37	<=30	Pass
			38	21.81	-1.30	20.51	<=30	Pass
		27	23	20.92	-1.30	19.62	<=30	Pass

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	22.52	-1.30	21.22	<=30	Pass
			38	22.79	-1.30	21.49	<=30	Pass
			74	22.89	-1.30	21.59	<=30	Pass
		36	0	21.83	-1.30	20.53	<=30	Pass
			18	21.99	-1.30	20.69	<=30	Pass
			39	22.10	-1.30	20.80	<=30	Pass
		75	0	21.94	-1.30	20.64	<=30	Pass
	1732.5	1	0	21.38	-1.30	20.08	<=30	Pass
			38	21.34	-1.30	20.04	<=30	Pass
			74	20.87	-1.30	19.57	<=30	Pass

16QAM	1747.5	36	0	20.53	-1.30	19.23	<=30	Pass
			18	20.40	-1.30	19.10	<=30	Pass
			39	20.18	-1.30	18.88	<=30	Pass
		75	0	20.30	-1.30	19.00	<=30	Pass
		1	0	21.95	-1.30	20.65	<=30	Pass
			38	22.44	-1.30	21.14	<=30	Pass
			74	22.16	-1.30	20.86	<=30	Pass
		36	0	21.30	-1.30	20.00	<=30	Pass
			18	21.40	-1.30	20.10	<=30	Pass
			39	21.46	-1.30	20.16	<=30	Pass
		75	0	21.48	-1.30	20.18	<=30	Pass
	1717.5	1	0	21.48	-1.30	20.18	<=30	Pass
			38	21.86	-1.30	20.56	<=30	Pass
			74	21.87	-1.30	20.57	<=30	Pass
		12	0	21.49	-1.30	20.19	<=30	Pass
			31	21.80	-1.30	20.50	<=30	Pass
			63	21.93	-1.30	20.63	<=30	Pass
		27	0	20.82	-1.30	19.52	<=30	Pass
	1732.5	1	0	20.36	-1.30	19.06	<=30	Pass
			38	20.33	-1.30	19.03	<=30	Pass
			74	19.81	-1.30	18.51	<=30	Pass
		12	0	20.40	-1.30	19.10	<=30	Pass
			31	20.22	-1.30	18.92	<=30	Pass
			63	19.85	-1.30	18.55	<=30	Pass
		27	0	19.75	-1.30	18.45	<=30	Pass
	1747.5	1	0	20.99	-1.30	19.69	<=30	Pass
			38	21.48	-1.30	20.18	<=30	Pass
			74	21.27	-1.30	19.97	<=30	Pass
		12	0	21.08	-1.30	19.78	<=30	Pass
			31	21.37	-1.30	20.07	<=30	Pass
			63	21.33	-1.30	20.03	<=30	Pass
		27	48	20.64	-1.30	19.34	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.22	-1.30	21.92	<=30	Pass
			50	23.31	-1.30	22.01	<=30	Pass
			99	23.34	-1.30	22.04	<=30	Pass
		50	0	22.45	-1.30	21.15	<=30	Pass
			25	22.66	-1.30	21.36	<=30	Pass
			50	22.70	-1.30	21.40	<=30	Pass
		100	0	22.63	-1.30	21.33	<=30	Pass
	1732.5	1	0	21.44	-1.30	20.14	<=30	Pass
			50	21.34	-1.30	20.04	<=30	Pass
			99	20.94	-1.30	19.64	<=30	Pass
		50	0	20.57	-1.30	19.27	<=30	Pass
			25	20.49	-1.30	19.19	<=30	Pass
			50	20.22	-1.30	18.92	<=30	Pass
		100	0	20.42	-1.30	19.12	<=30	Pass
	1745	1	0	22.00	-1.30	20.70	<=30	Pass

16QAM	1720		50	22.14	-1.30	20.84	<=30	Pass
			99	22.04	-1.30	20.74	<=30	Pass
		50	0	21.17	-1.30	19.87	<=30	Pass
			25	21.31	-1.30	20.01	<=30	Pass
			50	21.35	-1.30	20.05	<=30	Pass
		100	0	21.27	-1.30	19.97	<=30	Pass
		1	0	22.62	-1.30	21.32	<=30	Pass
			50	22.79	-1.30	21.49	<=30	Pass
			99	22.83	-1.30	21.53	<=30	Pass
		12	0	22.31	-1.30	21.01	<=30	Pass
			44	22.54	-1.30	21.24	<=30	Pass
			88	22.62	-1.30	21.32	<=30	Pass
		27	0	21.39	-1.30	20.09	<=30	Pass
	1732.5	1	0	20.98	-1.30	19.68	<=30	Pass
			50	20.78	-1.30	19.48	<=30	Pass
			99	20.43	-1.30	19.13	<=30	Pass
		12	0	20.62	-1.30	19.32	<=30	Pass
			44	20.34	-1.30	19.04	<=30	Pass
			88	20.01	-1.30	18.71	<=30	Pass
		27	0	19.82	-1.30	18.52	<=30	Pass
		1	0	21.47	-1.30	20.17	<=30	Pass
			50	21.57	-1.30	20.27	<=30	Pass
			99	21.53	-1.30	20.23	<=30	Pass
	1745	12	0	21.01	-1.30	19.71	<=30	Pass
			44	21.17	-1.30	19.87	<=30	Pass
			88	21.18	-1.30	19.88	<=30	Pass
		27	73	20.38	-1.30	19.08	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1732.5	50	0	20	LV	-1.144	-0.0007	-2.5 to 2.5	Pass
					NV	0.415	0.0002	-2.5 to 2.5	Pass
					HV	-1.044	-0.0006	-2.5 to 2.5	Pass
				-30	NV	-0.572	-0.0003	-2.5 to 2.5	Pass
				-20	NV	-1.330	-0.0008	-2.5 to 2.5	Pass
				-10	NV	-0.958	-0.0006	-2.5 to 2.5	Pass
				0	NV	0.286	0.0002	-2.5 to 2.5	Pass
				10	NV	0.300	0.0002	-2.5 to 2.5	Pass
				30	NV	-0.472	-0.0003	-2.5 to 2.5	Pass
				40	NV	-1.416	-0.0008	-2.5 to 2.5	Pass
				50	NV	-0.086	0.0000	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

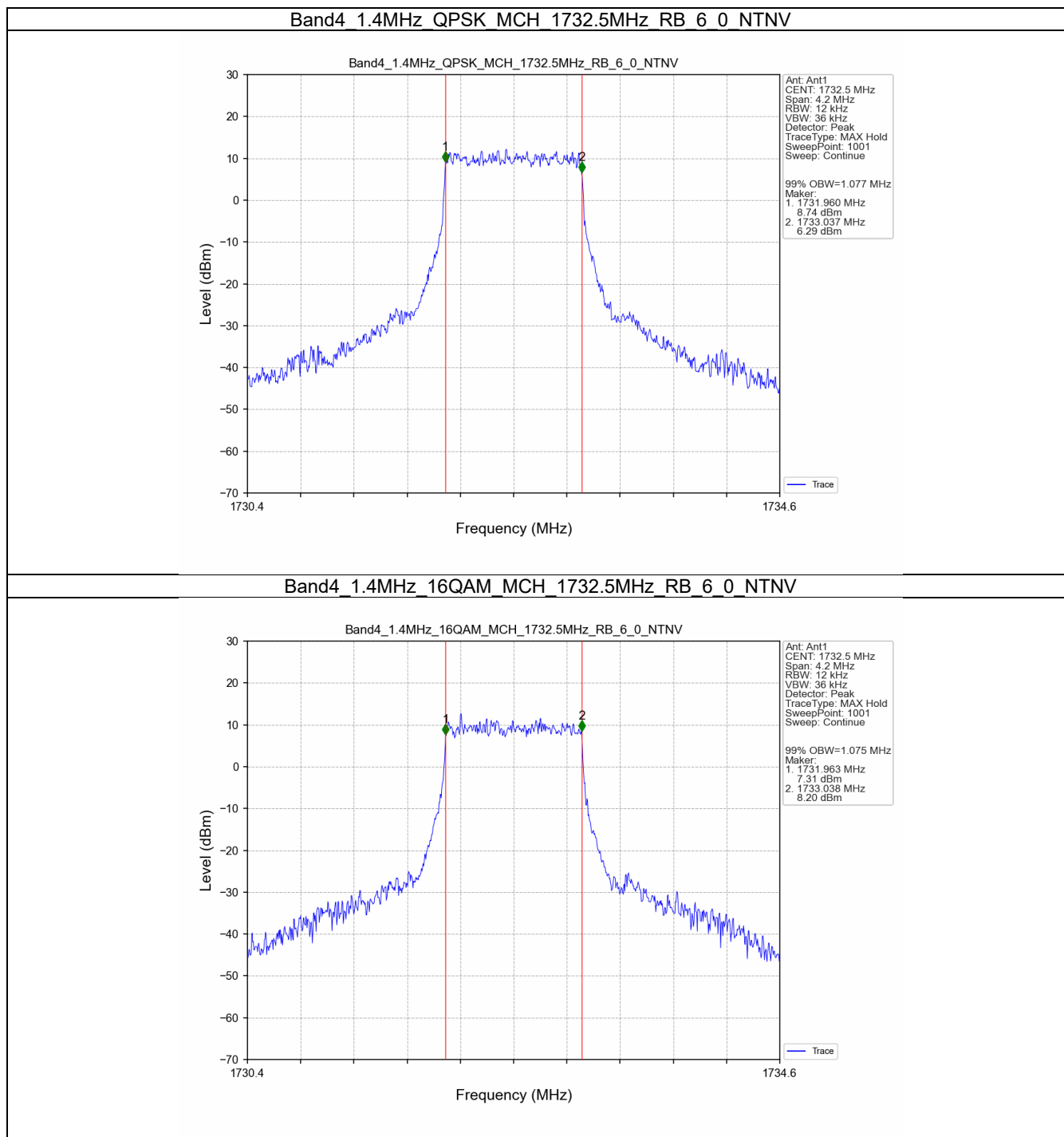
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.077	/	Pass
	16QAM	1732.5	6	0	1.075	/	Pass
3	QPSK	1732.5	15	0	2.759	/	Pass
	16QAM	1732.5	15	0	2.789	/	Pass
5	QPSK	1732.5	25	0	4.676	/	Pass
	16QAM	1732.5	25	0	4.649	/	Pass
10	QPSK	1732.5	50	0	9.087	/	Pass
	16QAM	1732.5	27	0	5.038	/	Pass
15	QPSK	1732.5	75	0	13.427	/	Pass
	16QAM	1732.5	27	0	5.090	/	Pass
20	QPSK	1732.5	100	0	17.820	/	Pass
	16QAM	1732.5	27	0	5.091	/	Pass

3.1.2 Band4_XDB

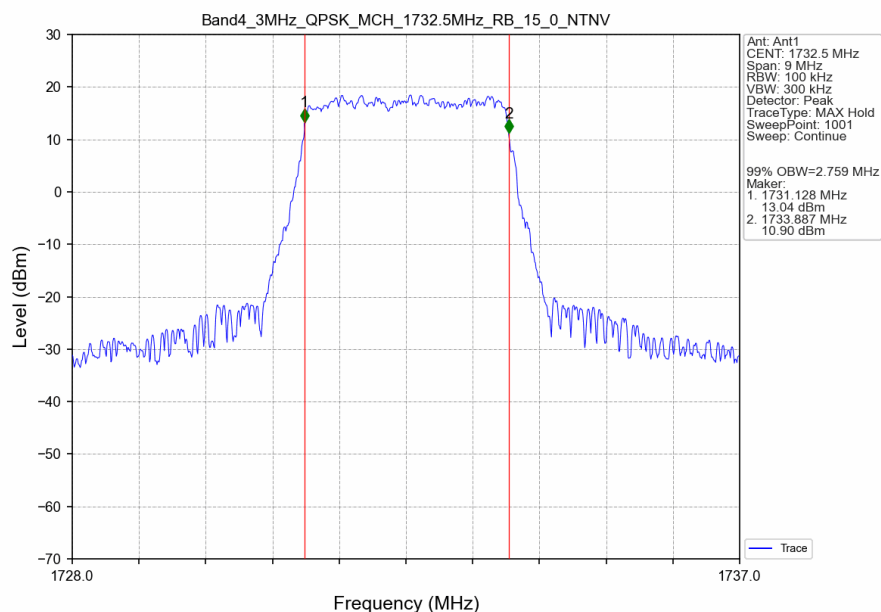
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.257	/	Pass
	16QAM	1732.5	6	0	1.231	/	Pass
3	QPSK	1732.5	15	0	3.325	/	Pass
	16QAM	1732.5	15	0	3.277	/	Pass
5	QPSK	1732.5	25	0	5.983	/	Pass
	16QAM	1732.5	25	0	5.805	/	Pass
10	QPSK	1732.5	50	0	10.872	/	Pass
	16QAM	1732.5	27	0	6.422	/	Pass
15	QPSK	1732.5	75	0	15.322	/	Pass
	16QAM	1732.5	27	0	7.110	/	Pass
20	QPSK	1732.5	100	0	19.316	/	Pass
	16QAM	1732.5	27	0	7.212	/	Pass

3.2 Test Graph

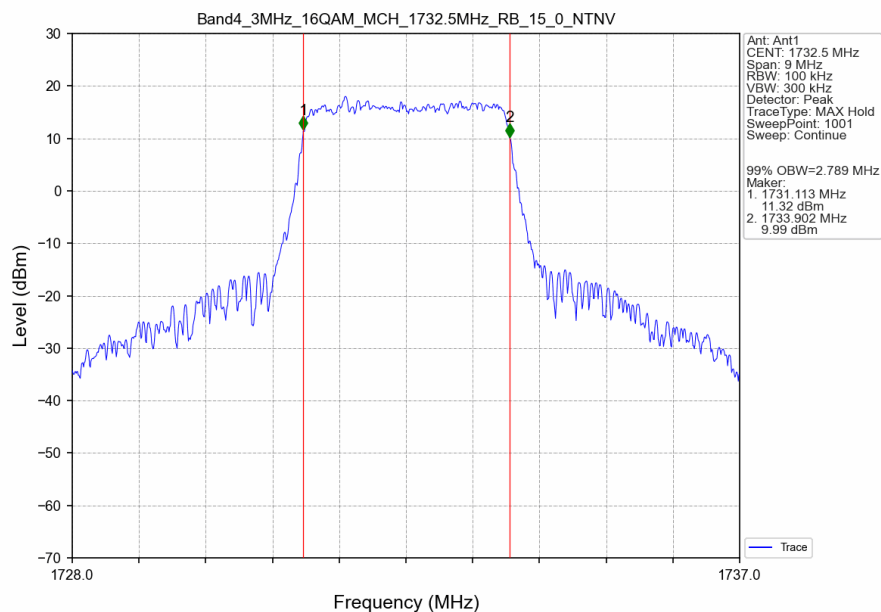
3.2.1 Band4_OBW



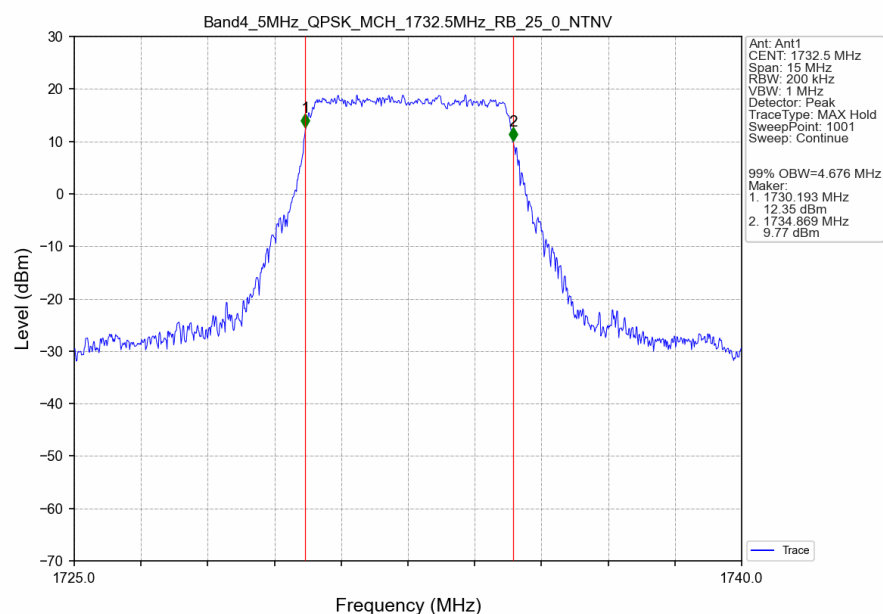
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



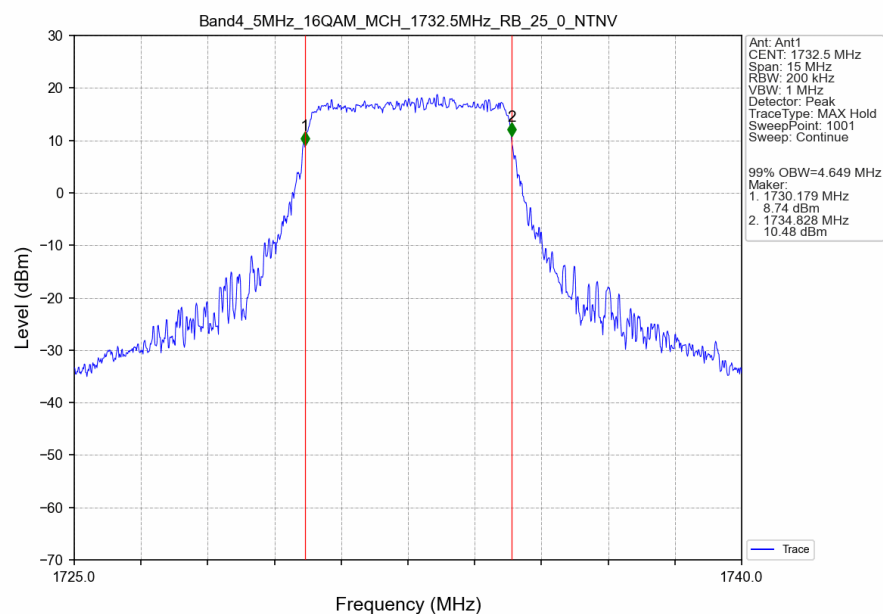
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



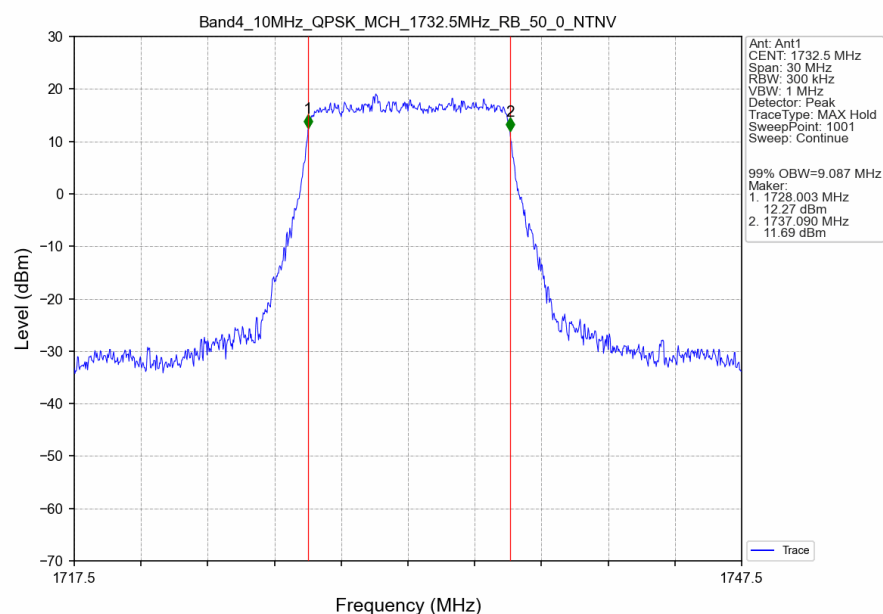
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



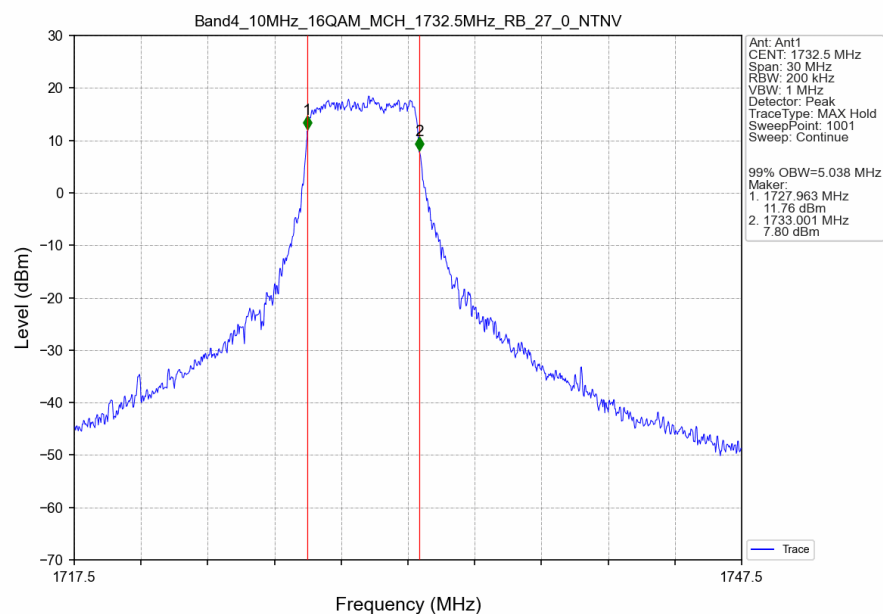
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



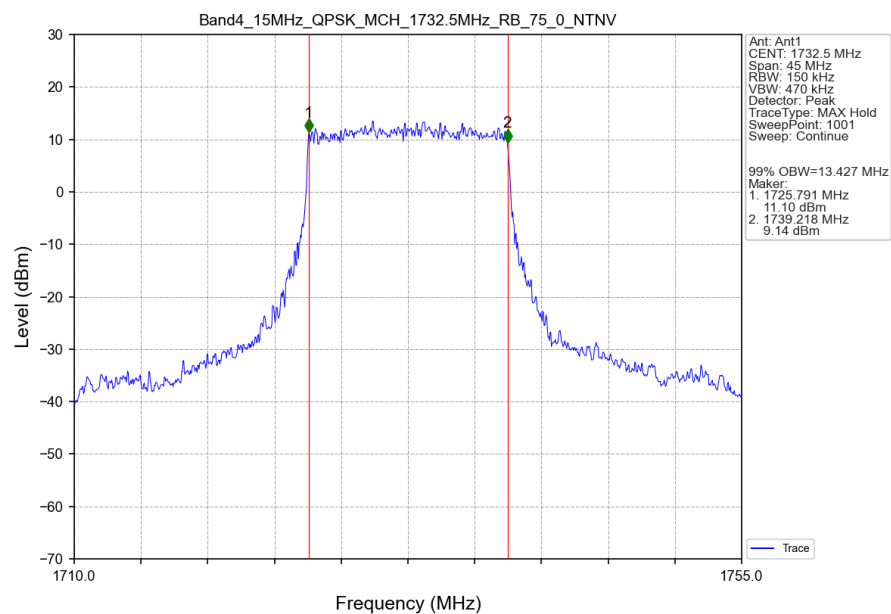
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



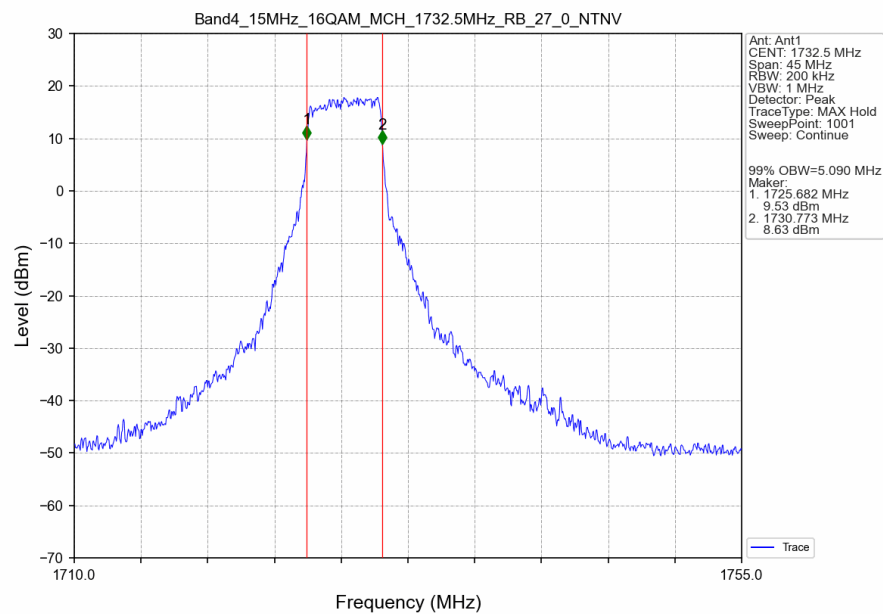
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



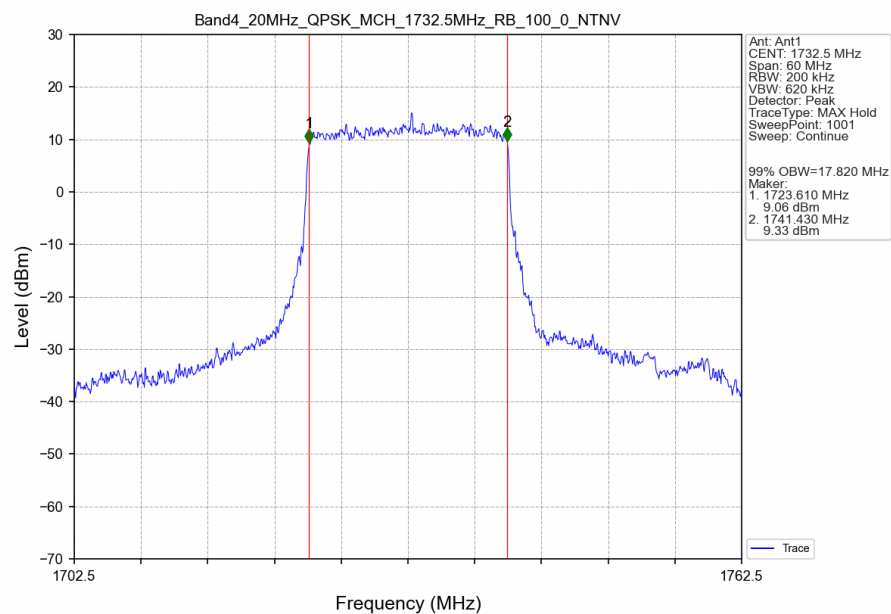
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



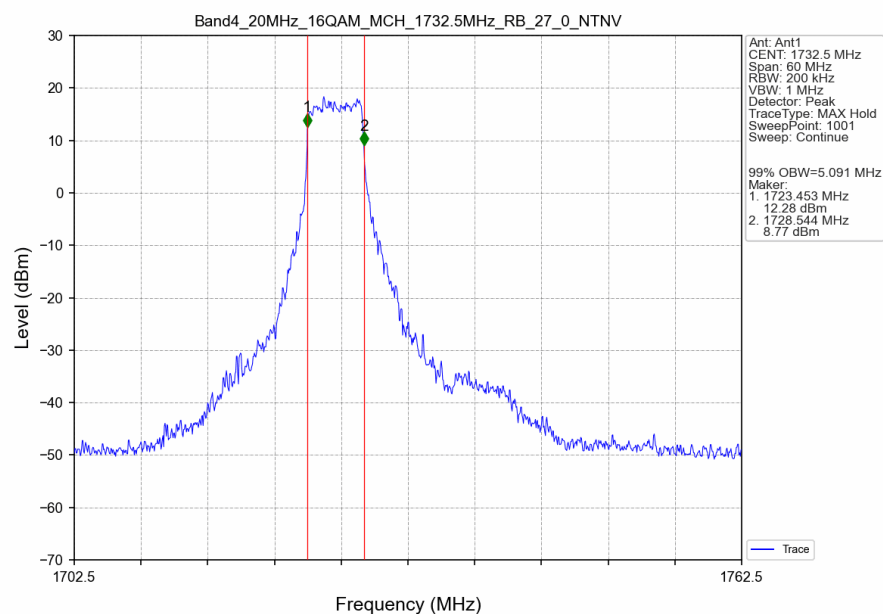
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



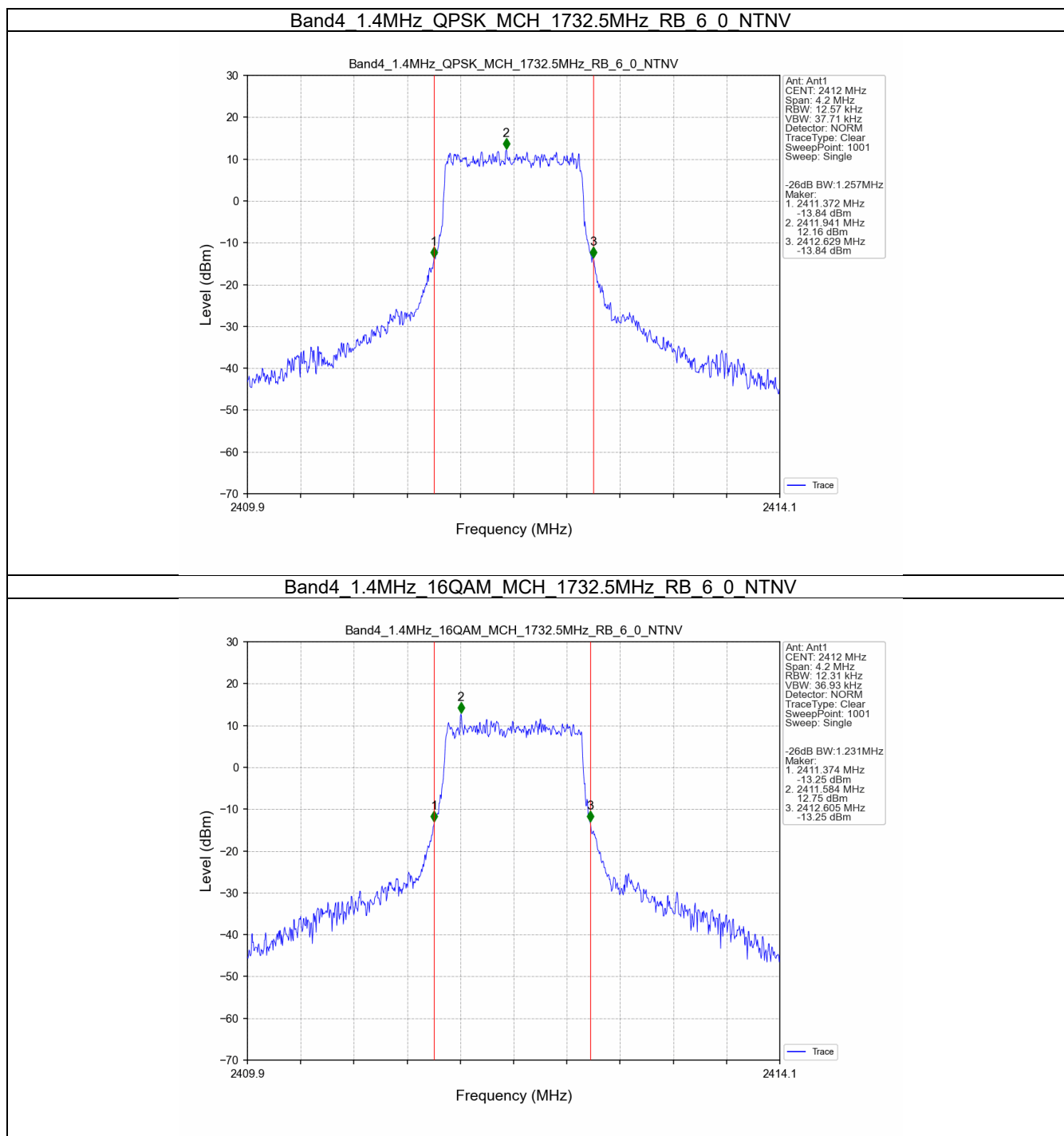
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



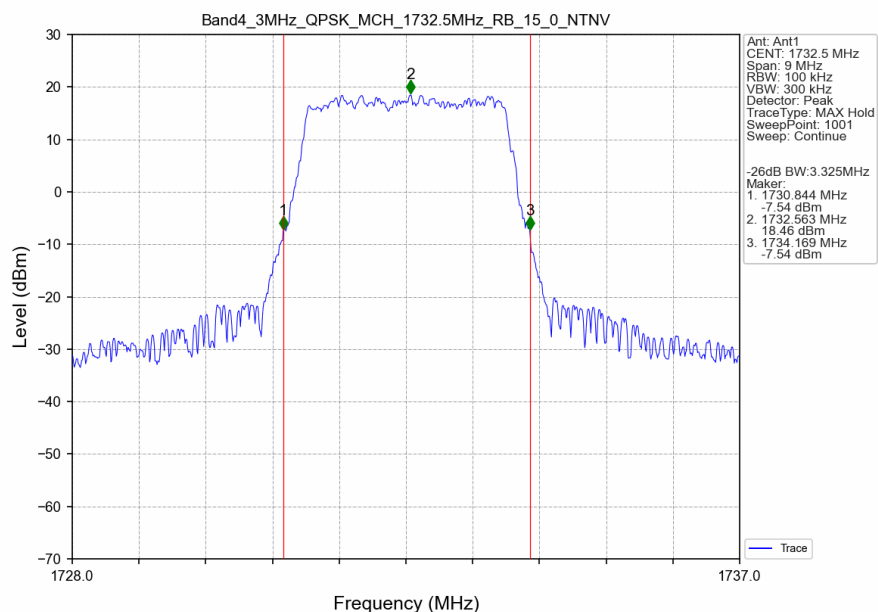
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



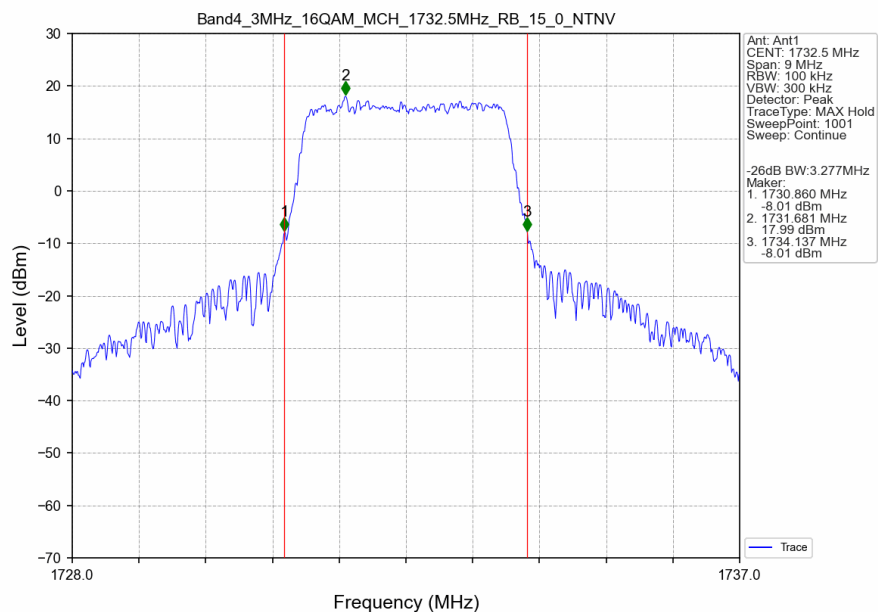
3.2.2 Band4_XDB



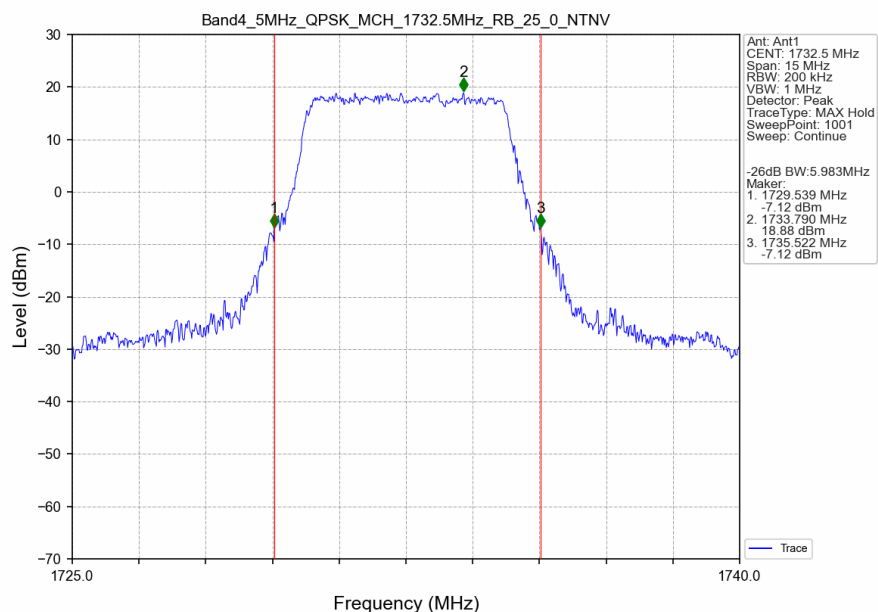
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



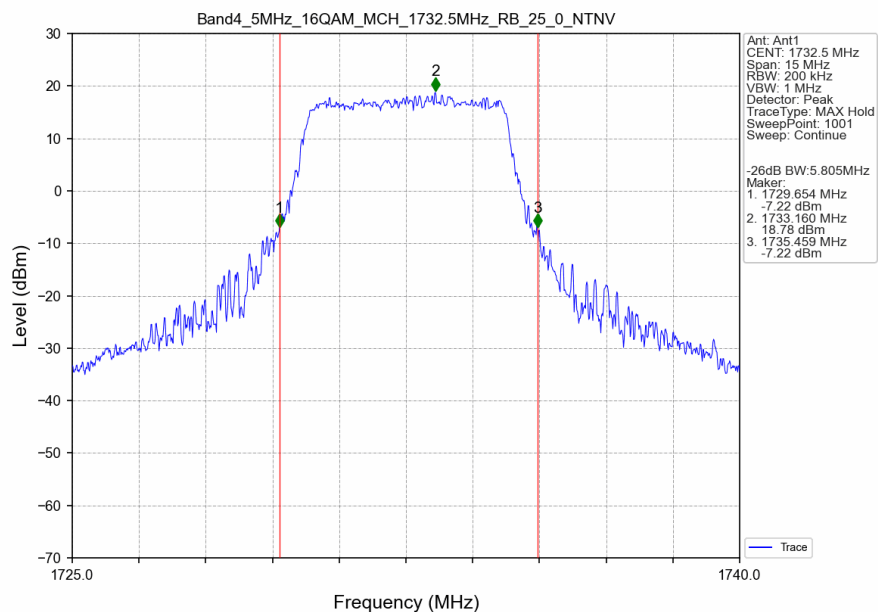
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



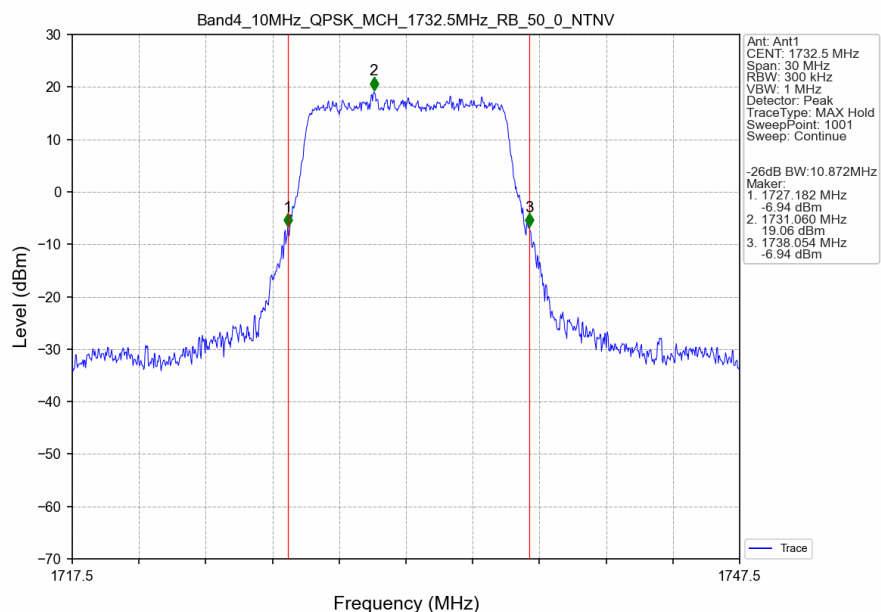
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



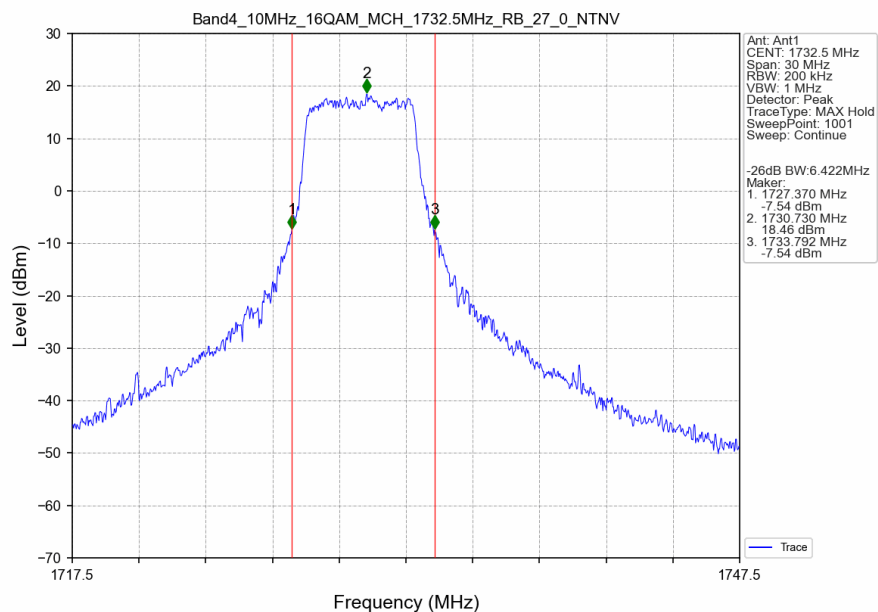
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



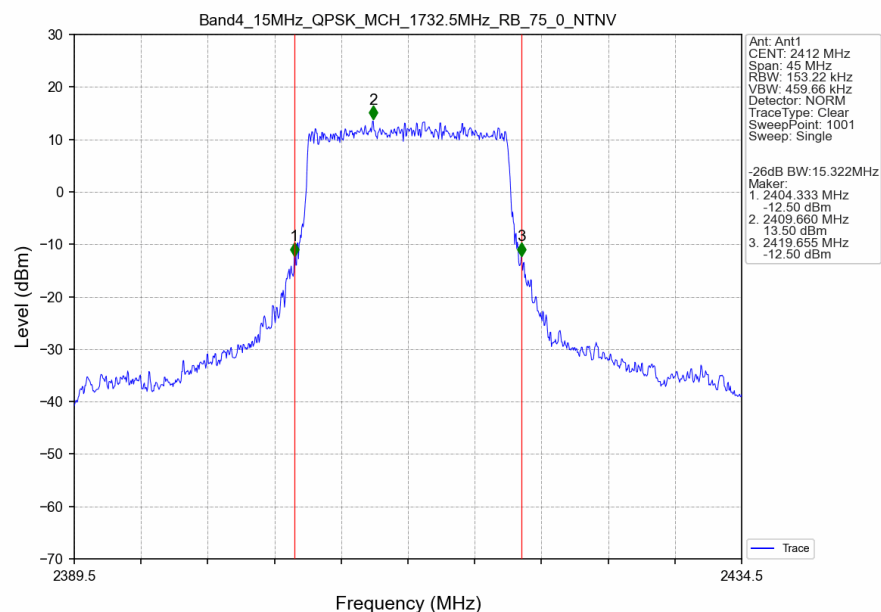
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



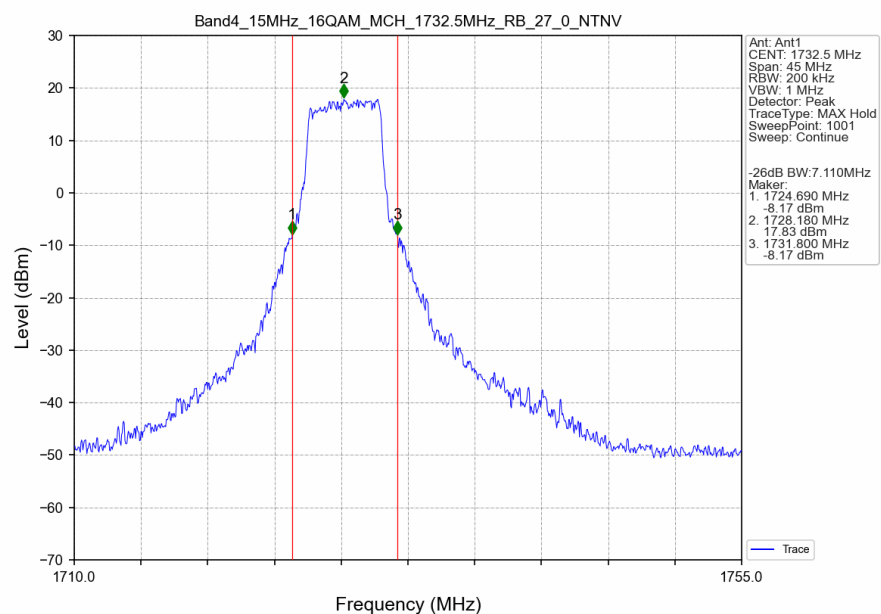
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



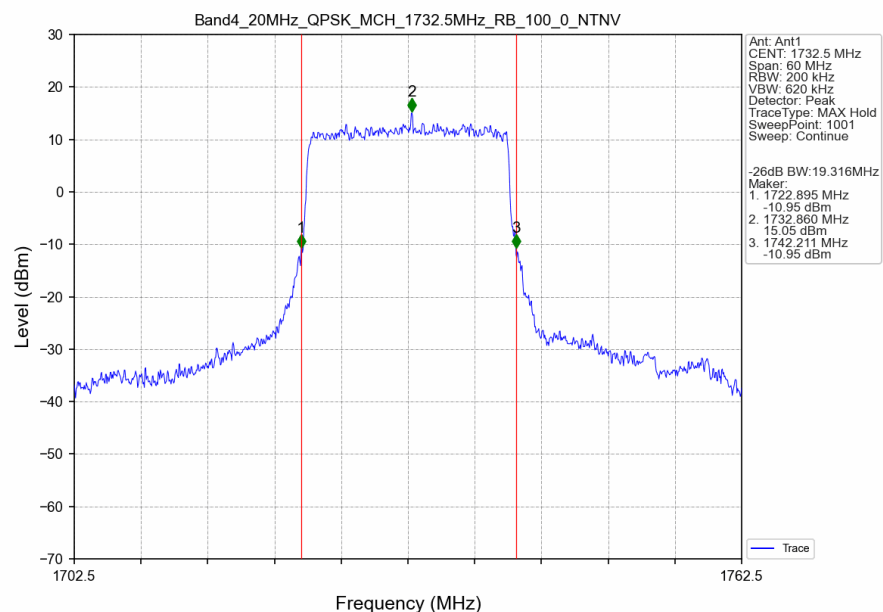
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



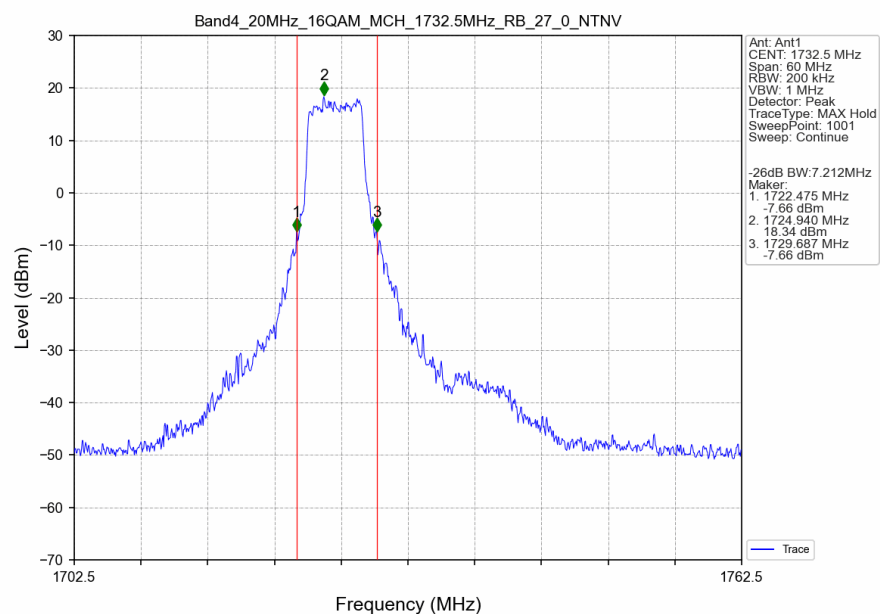
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV





4. Peak-Average Ratio

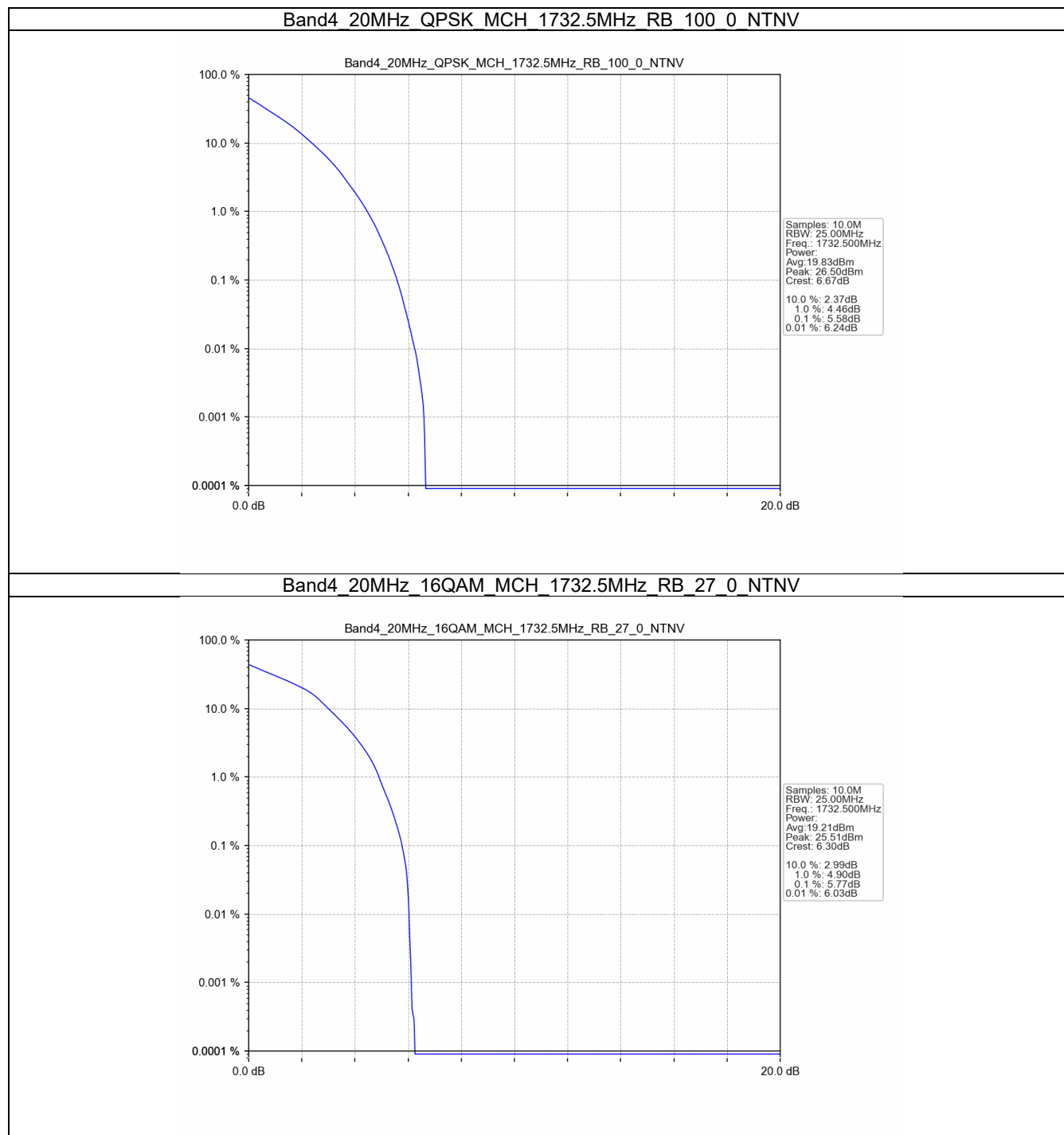
4.1 Test Result

4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.58	<=13	Pass
16QAM	1732.5	27	0	5.77	<=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

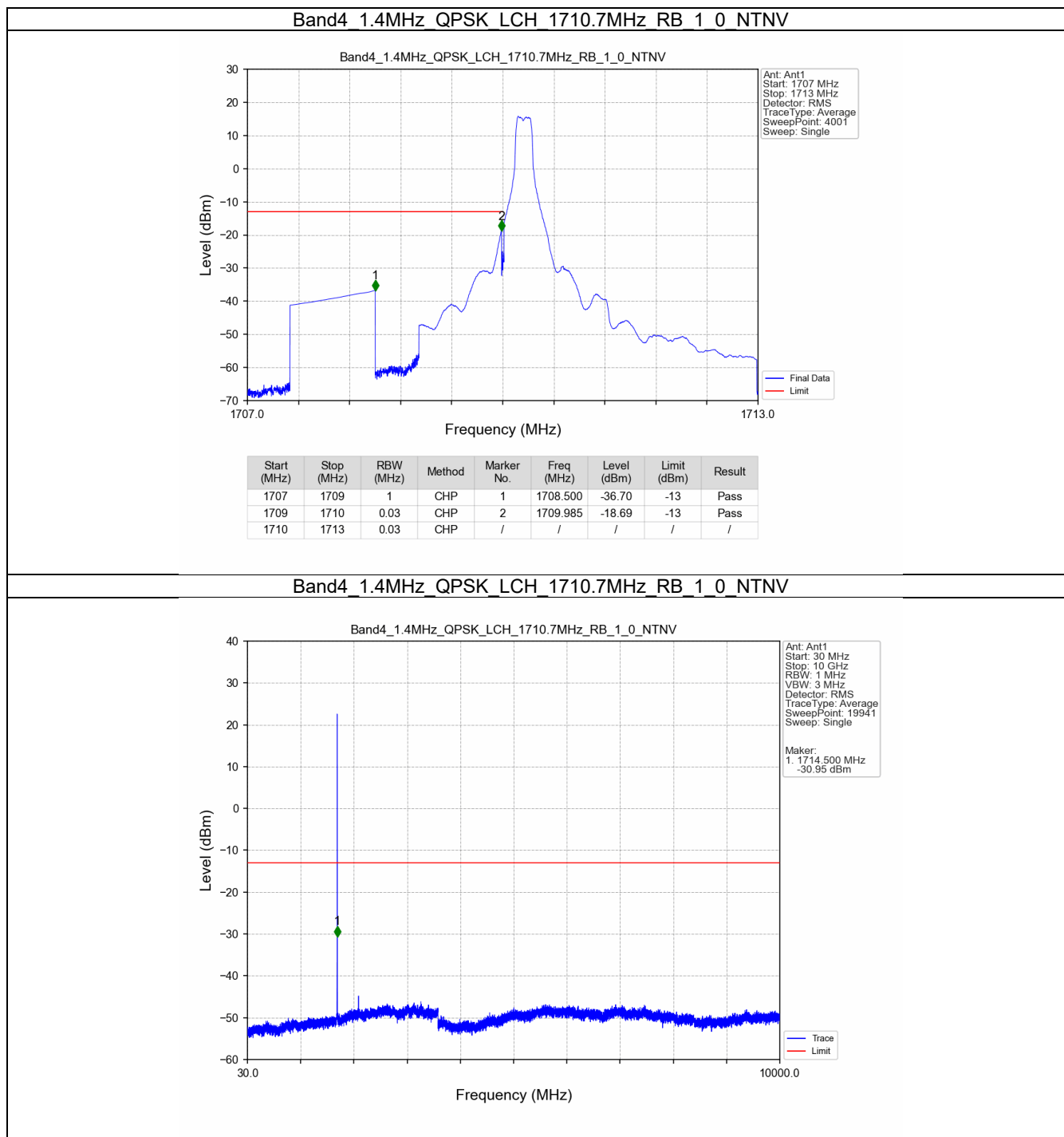
Band: 4 / Bandwidth: 15MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1717.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1747.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass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

5.1.6 B4_20MHz

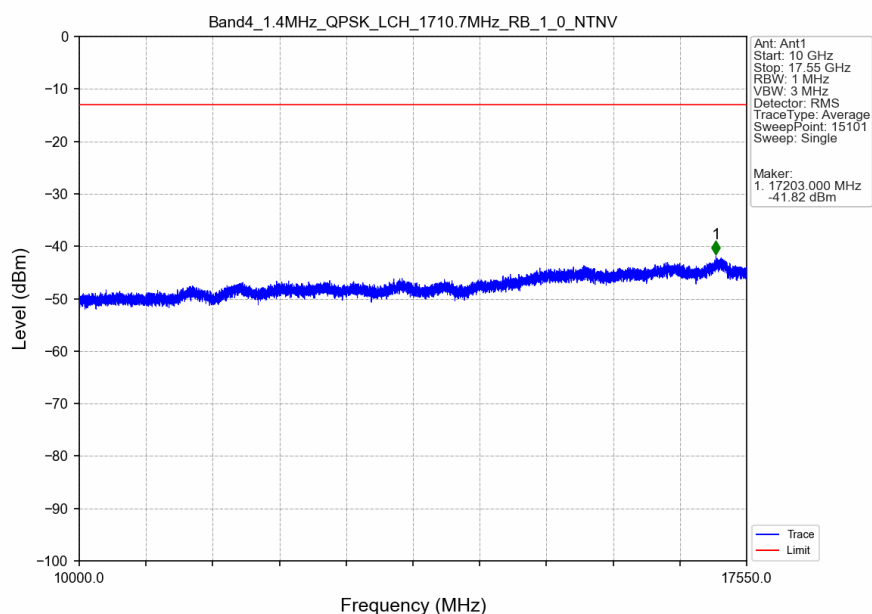
Band: 4 / Bandwidth: 20MHz / NTV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1720	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass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

5.2 Test Graph

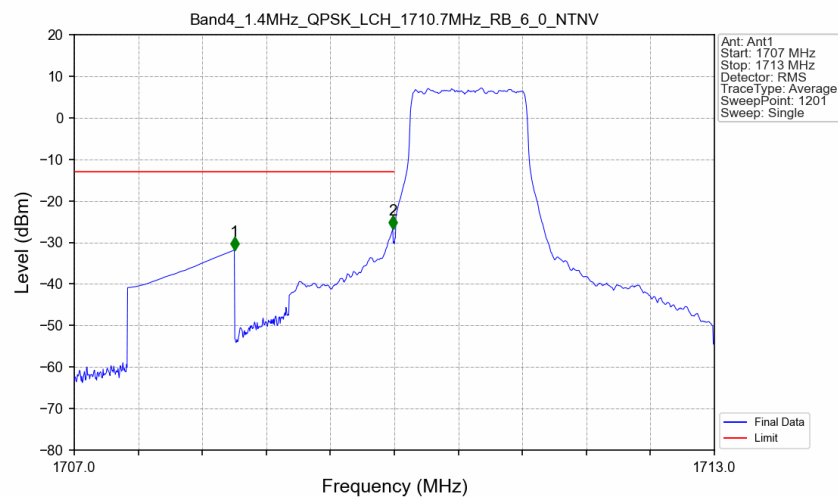
5.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

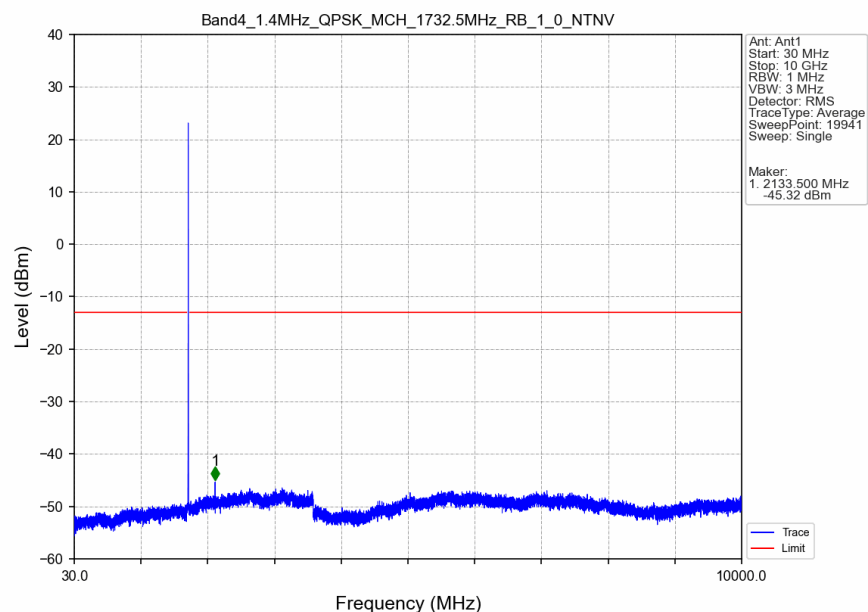


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

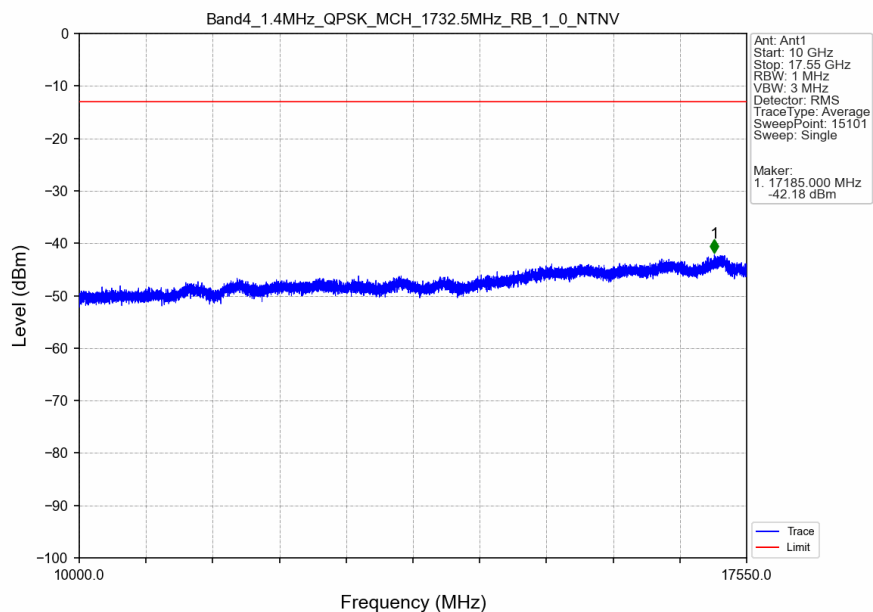


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.82	-13	Pass
1709	1710	0.03	CHP	2	1709.985	-26.73	-13	Pass
1710	1713	0.03	CHP	/	/	/	/	/

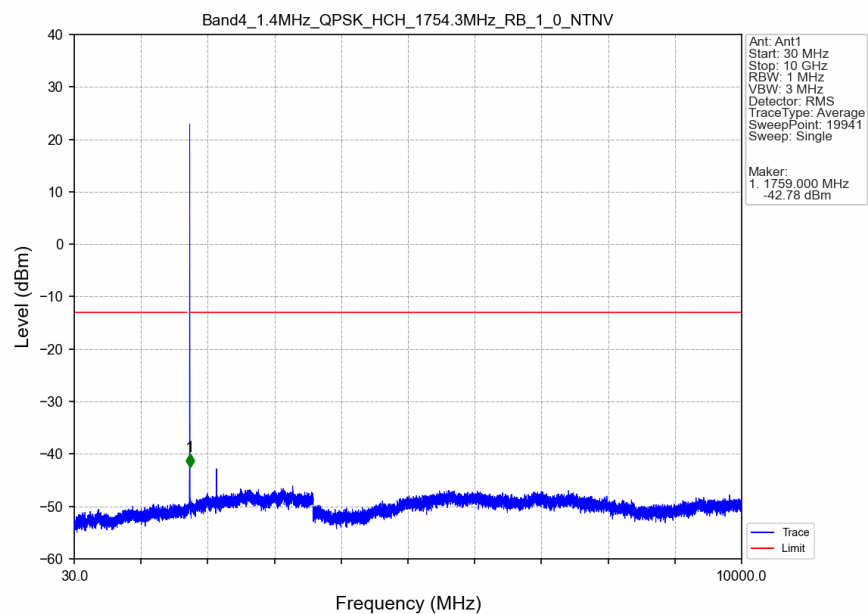
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



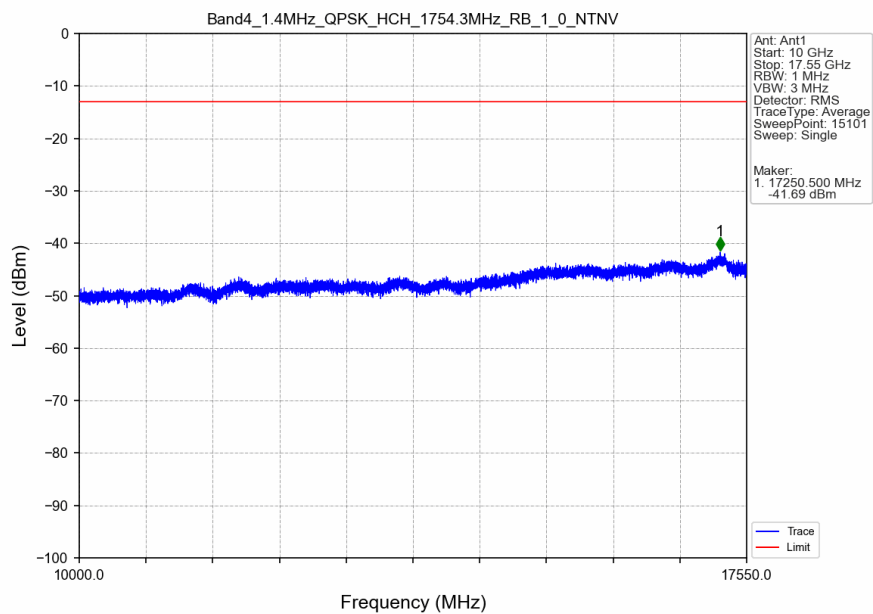
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



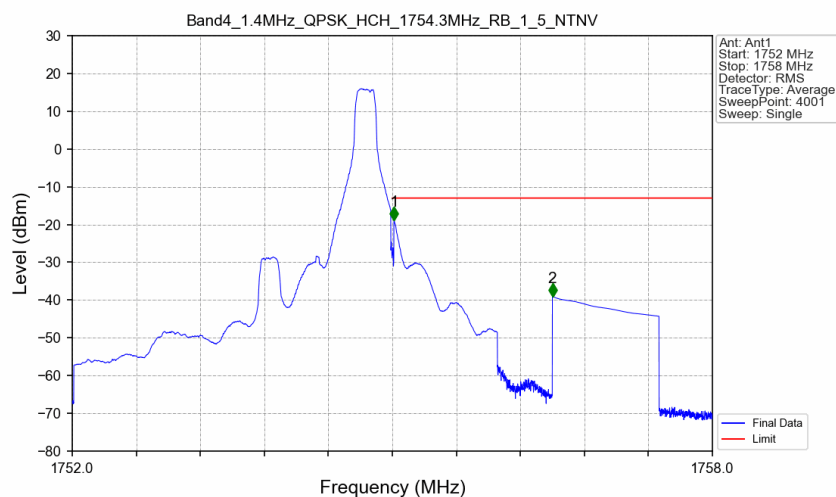
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

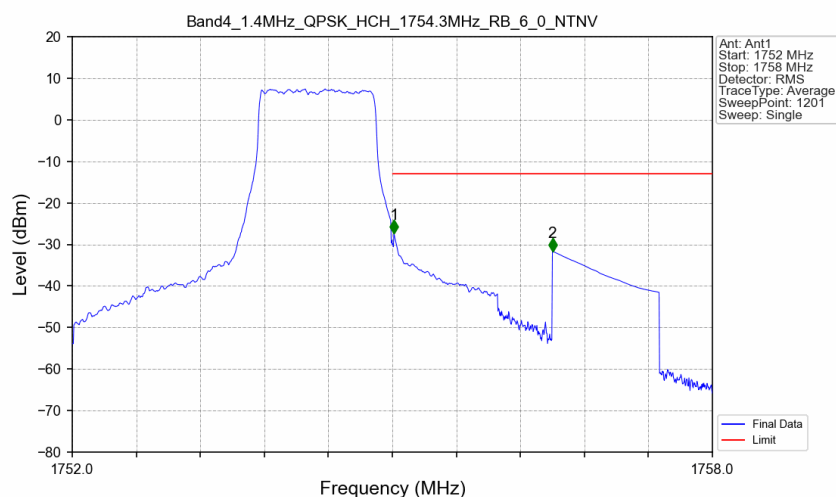


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	CHP	/	/	/	/	/
1755	1756	0.03	CHP	1	1755.015	-18.74	-13	Pass
1756	1758	1	CHP	2	1756.500	-39.04	-13	Pass

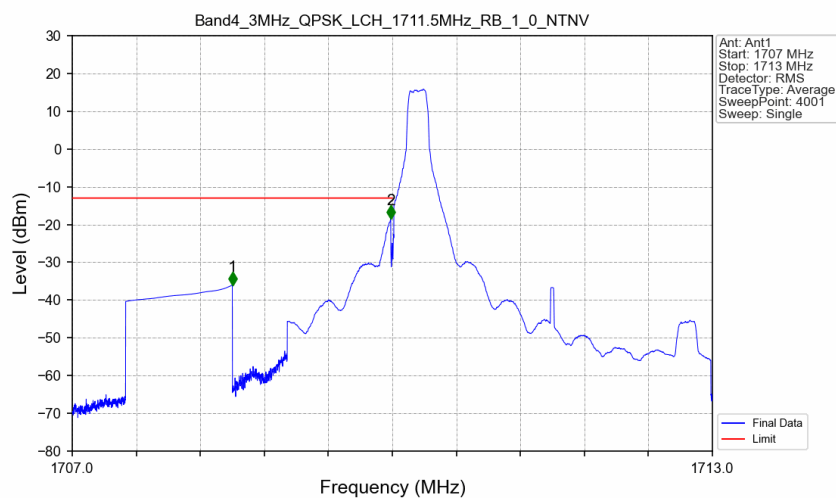
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	CHP	/	/	/	/	/
1755	1756	0.03	CHP	1	1755.015	-27.36	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.63	-13	Pass

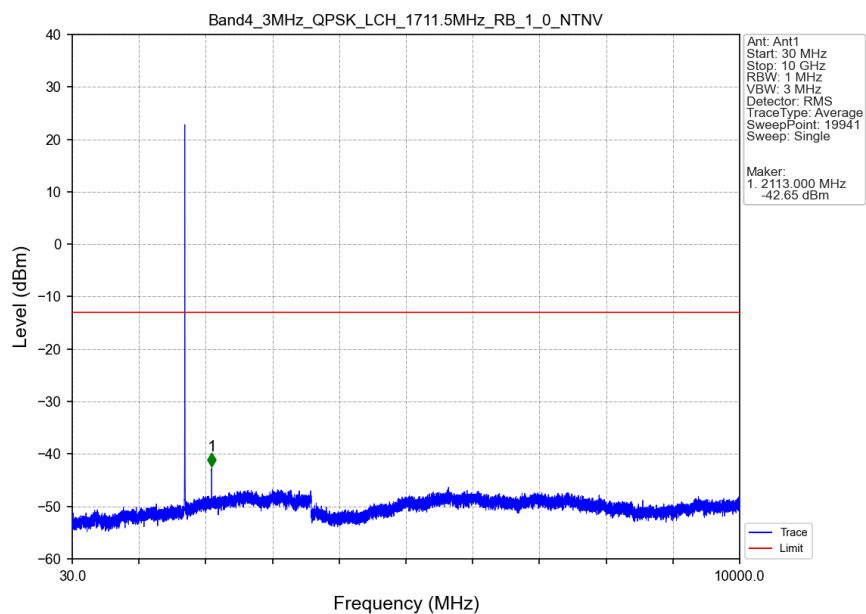
5.2.2 B4_3MHz

Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV

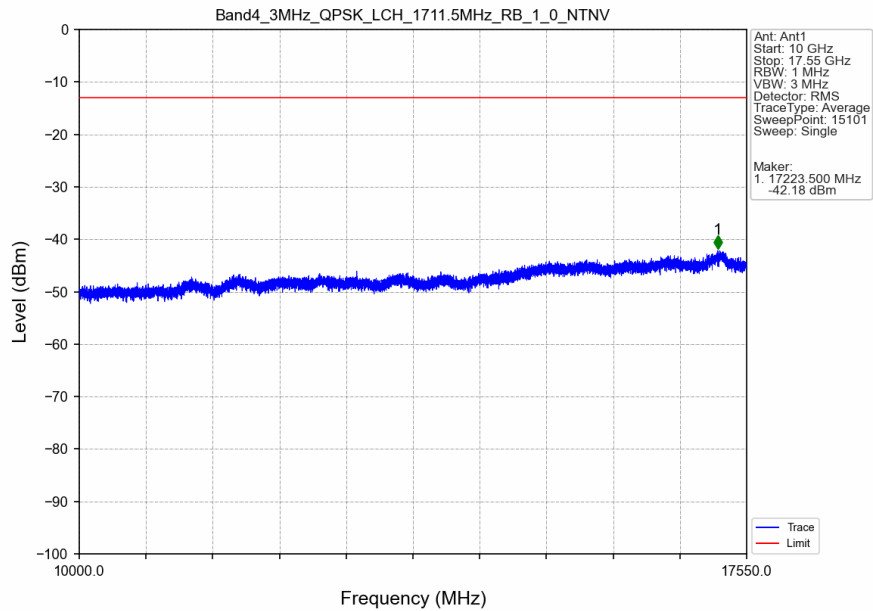


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-36.01	-13	Pass
1709	1710	0.03	CHP	2	1709.985	-18.36	-13	Pass
1710	1713	0.03	CHP	/	/	/	/	/

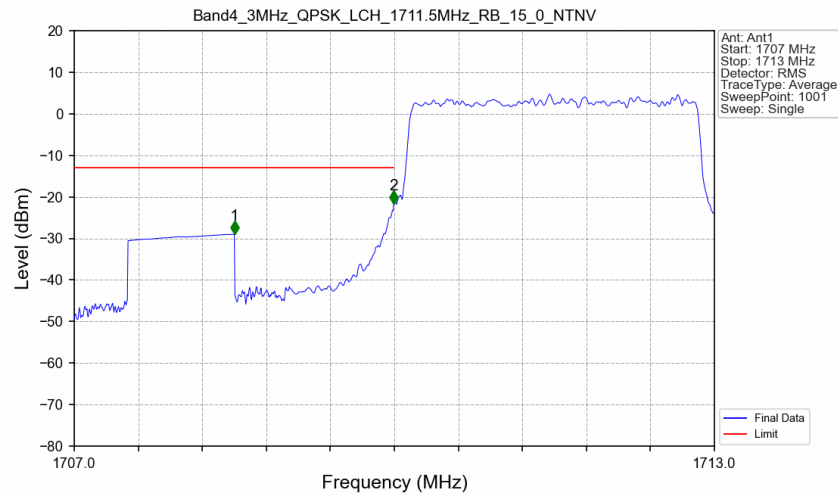
Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

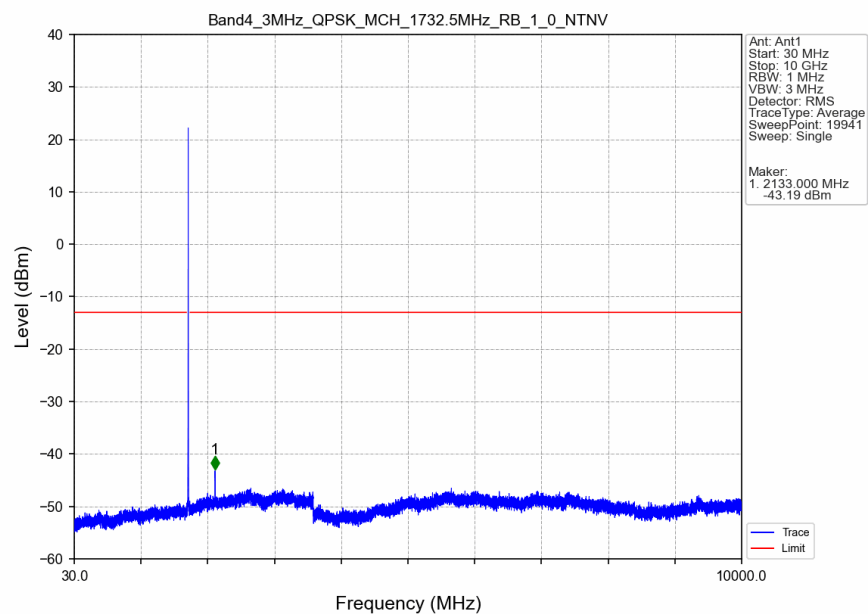


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

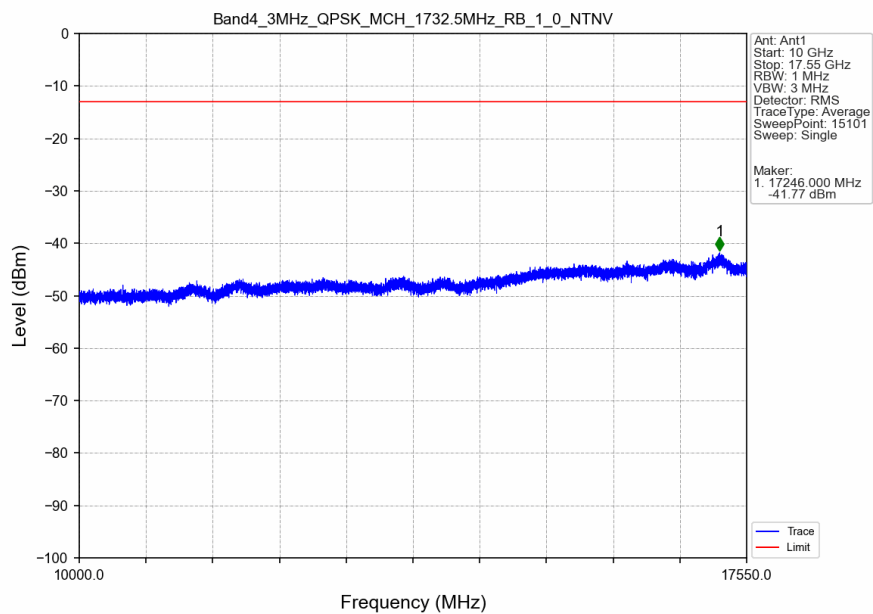


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-29.02	-13	Pass
1709	1710	0.03325	CHP	2	1709.994	-21.62	-13	Pass
1710	1713	0.03325	CHP	/	/	/	/	/

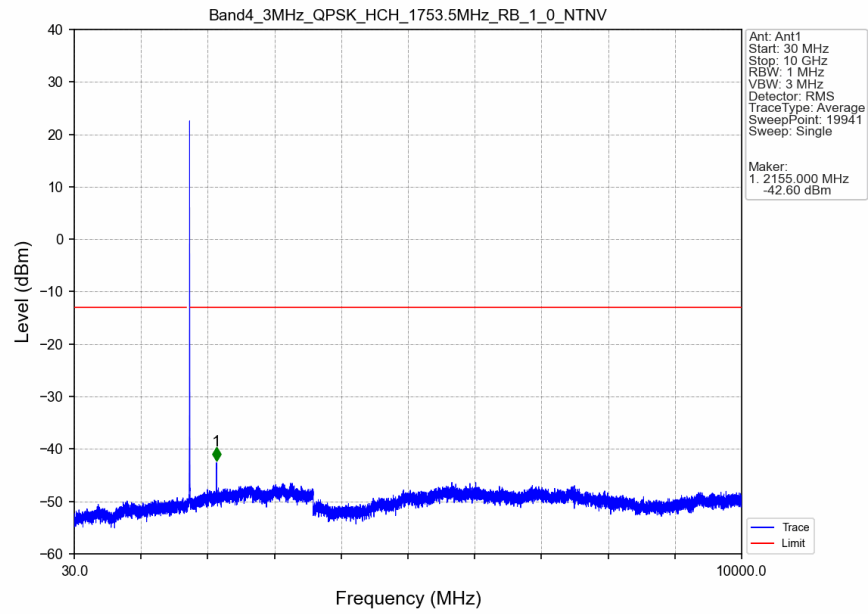
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



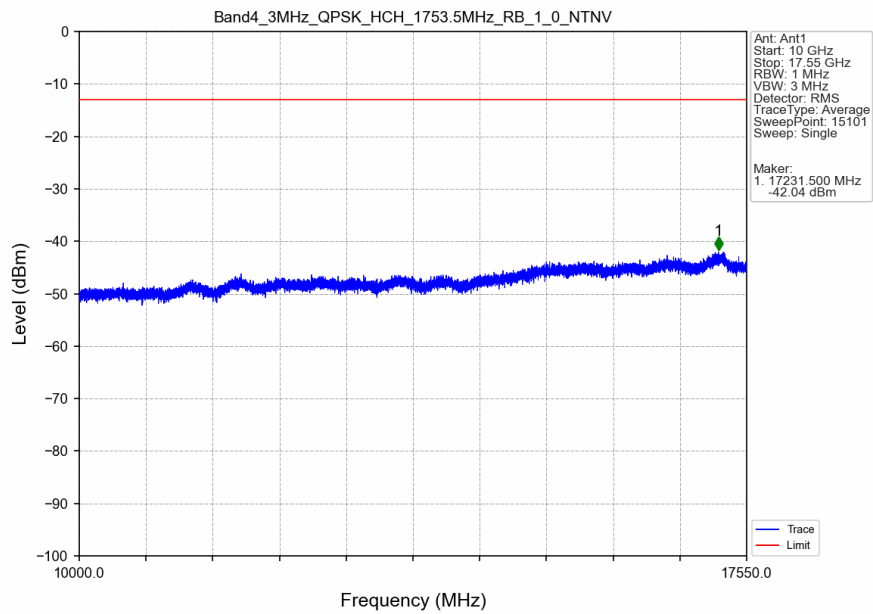
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



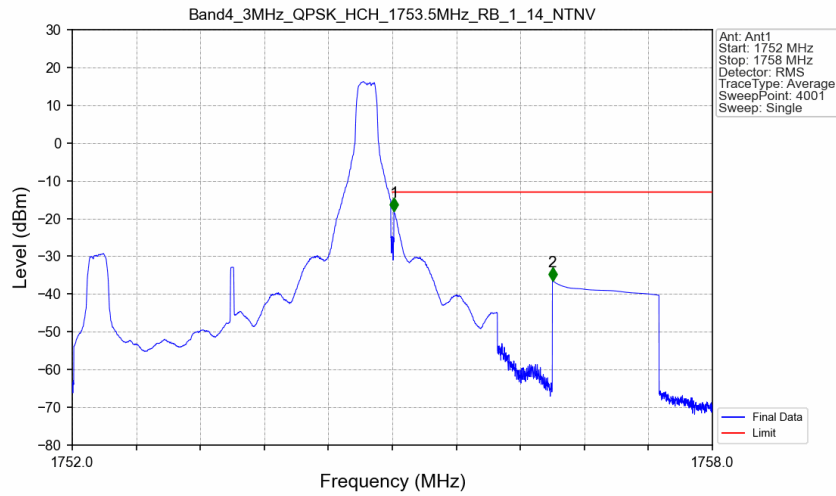
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



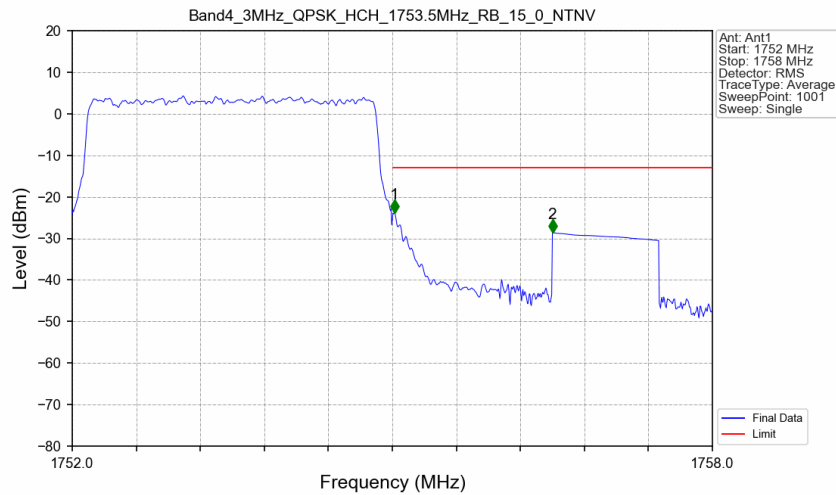
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



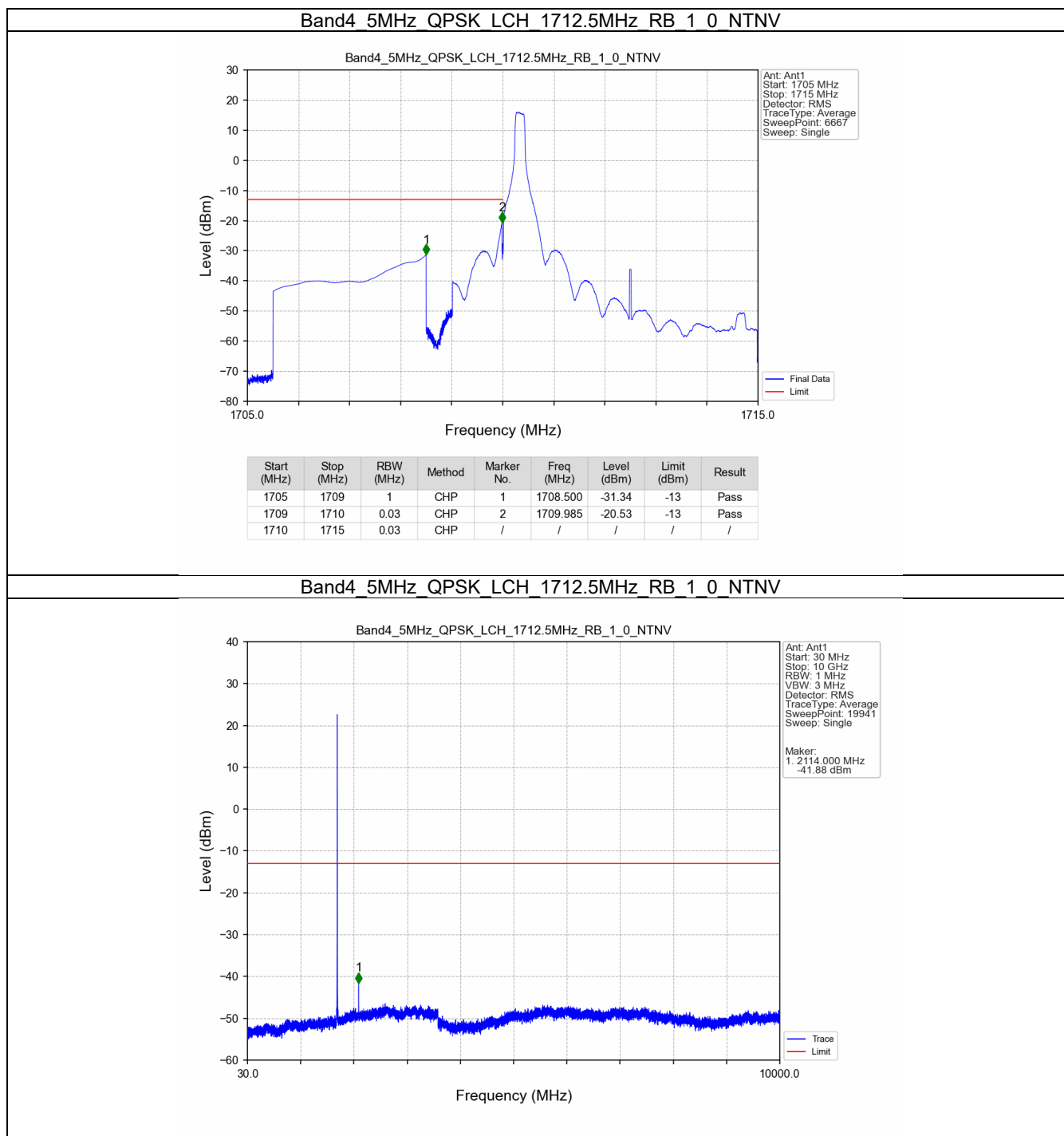
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



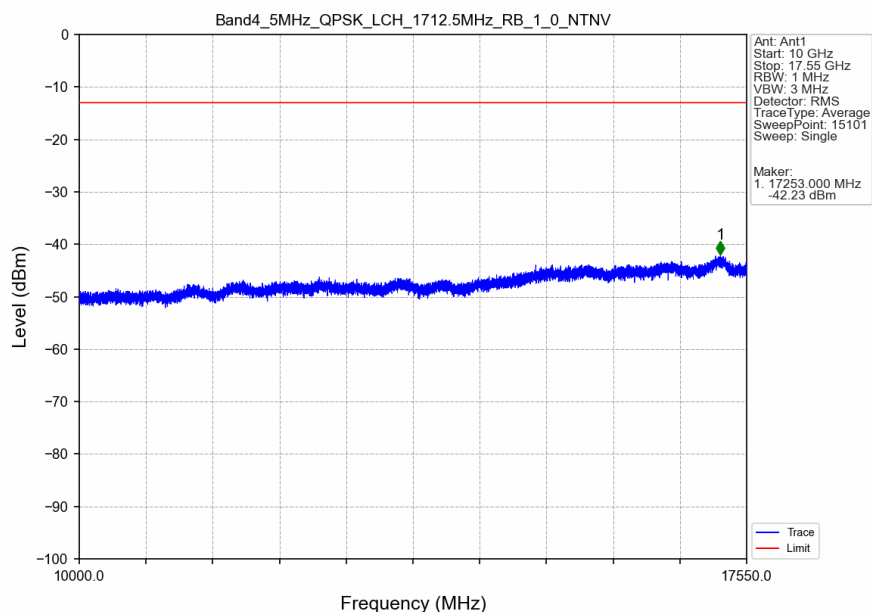
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



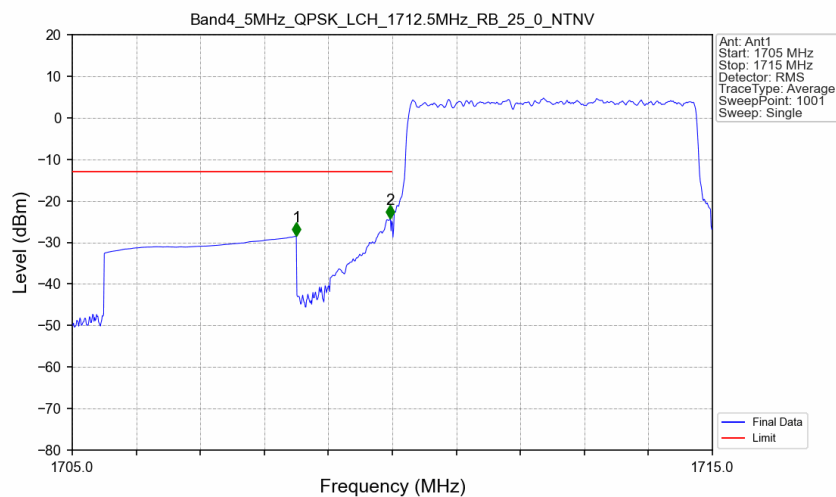
5.2.3 B4_5MHz



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

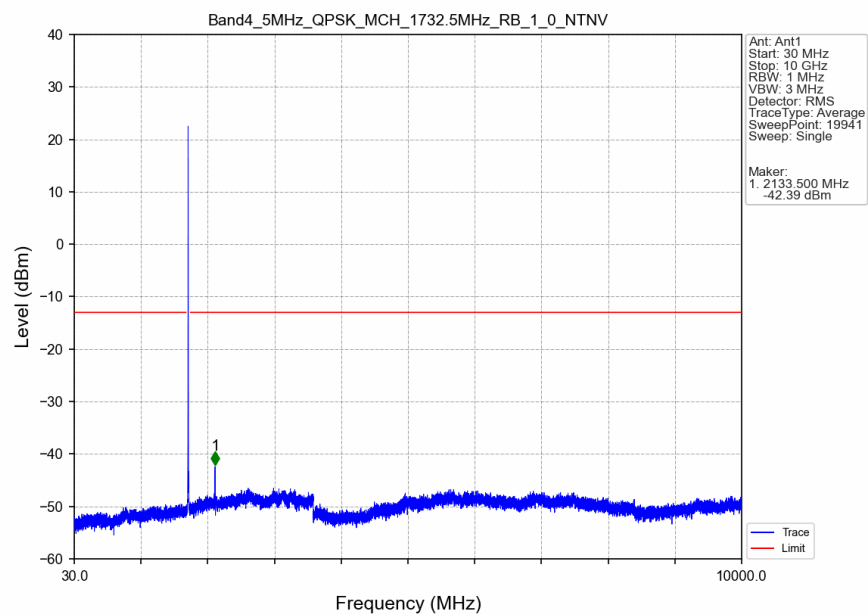


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

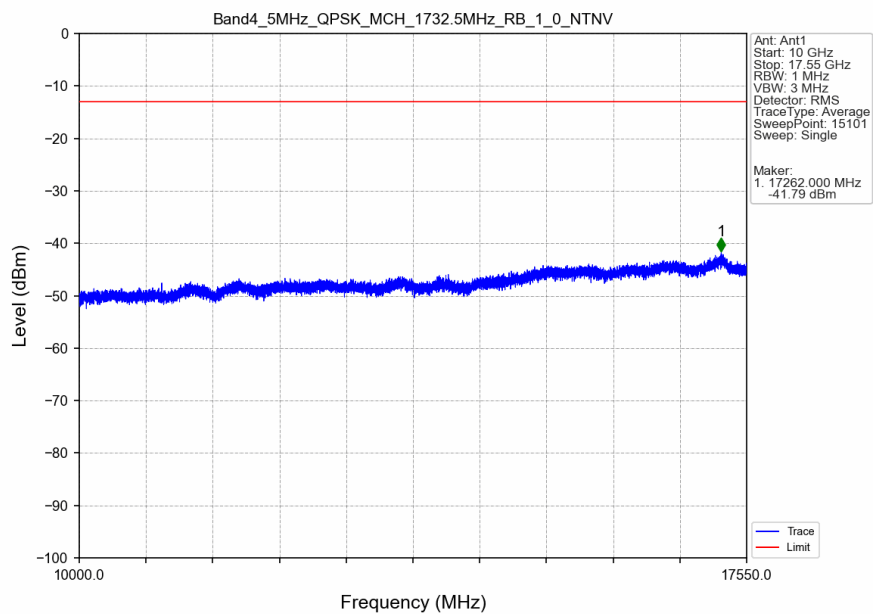


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-28.48	-13	Pass
1709	1710	0.05983	CHP	2	1709.970	-24.28	-13	Pass
1710	1715	0.05983	CHP	/	/	/	/	/

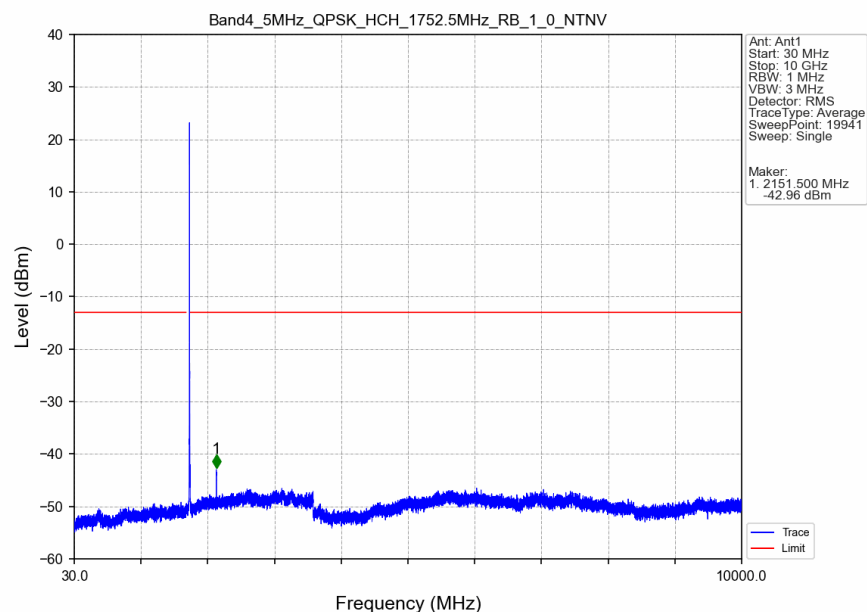
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



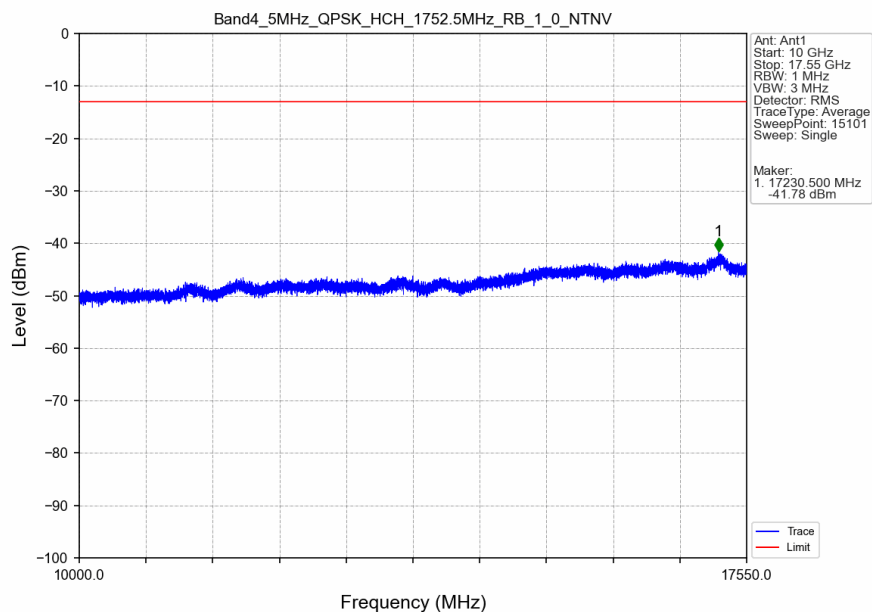
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



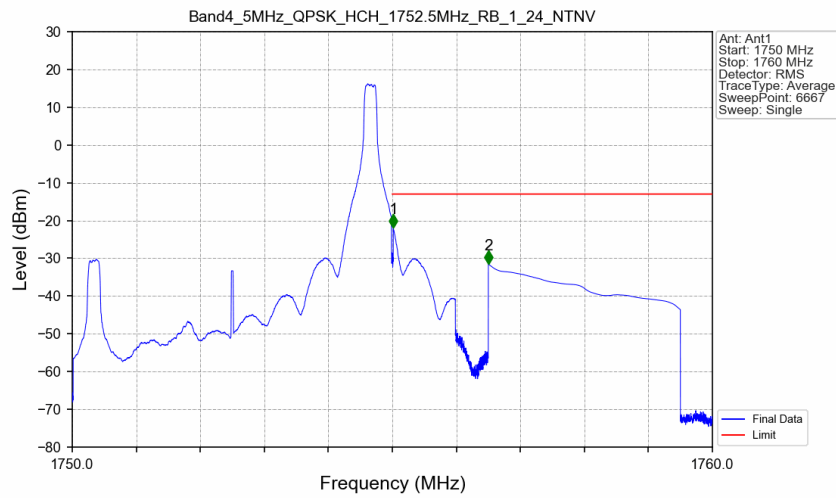
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

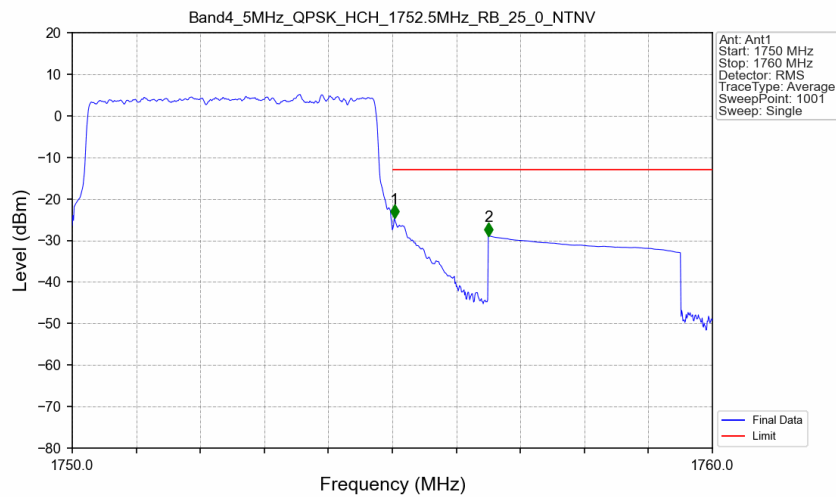


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



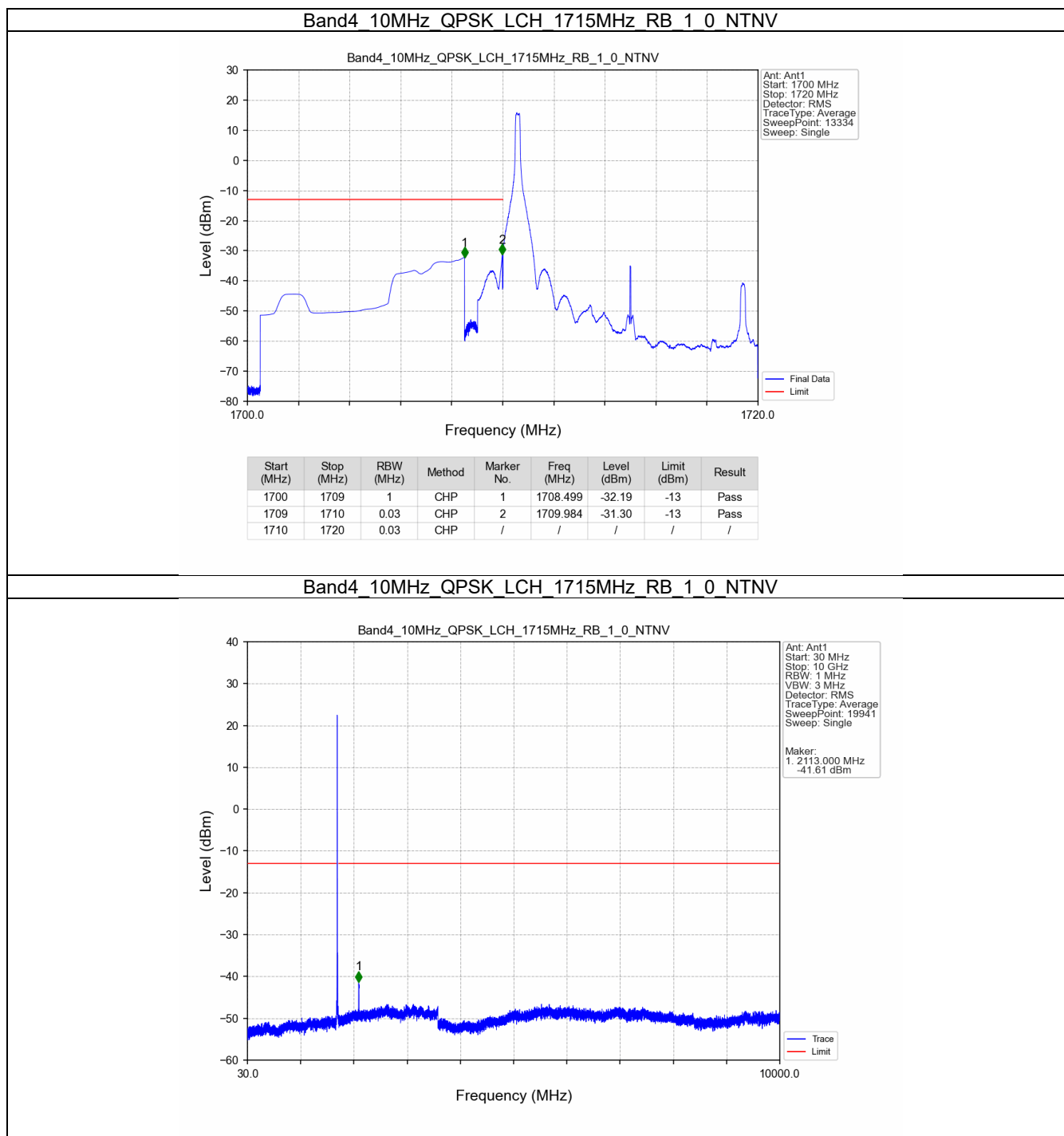
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.03	CHP	/	/	/	/	/
1755	1756	0.03	CHP	1	1755.015	-21.89	-13	Pass
1756	1760	1	CHP	2	1756.500	-31.53	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV

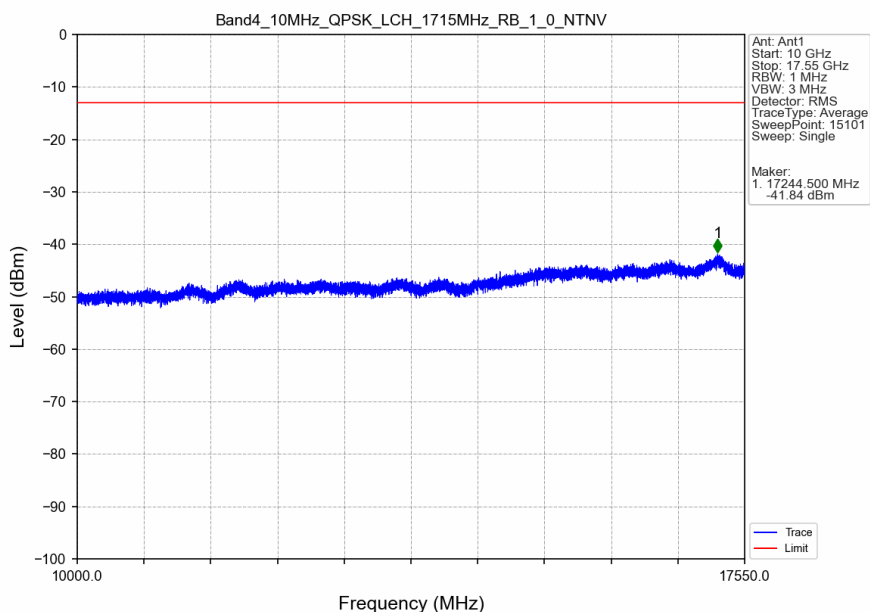


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.05983	CHP	/	/	/	/	/
1755	1756	0.05983	CHP	1	1755.030	-24.59	-13	Pass
1756	1760	1	CHP	2	1756.500	-28.85	-13	Pass

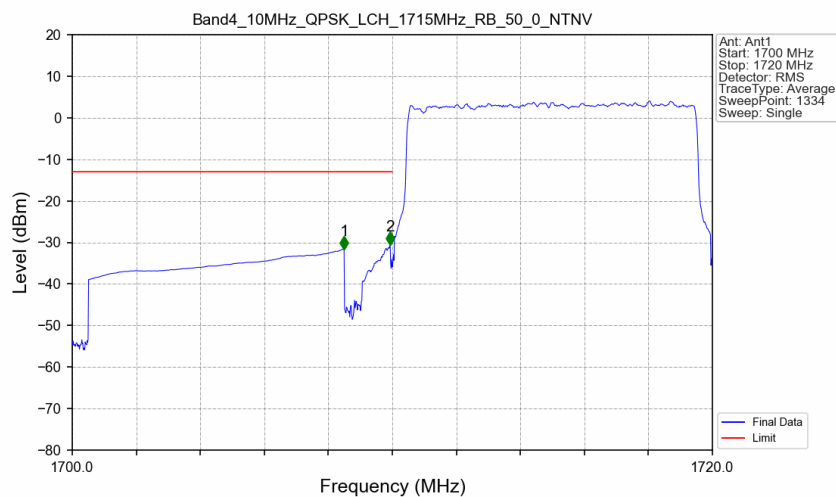
5.2.4 B4_10MHz



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

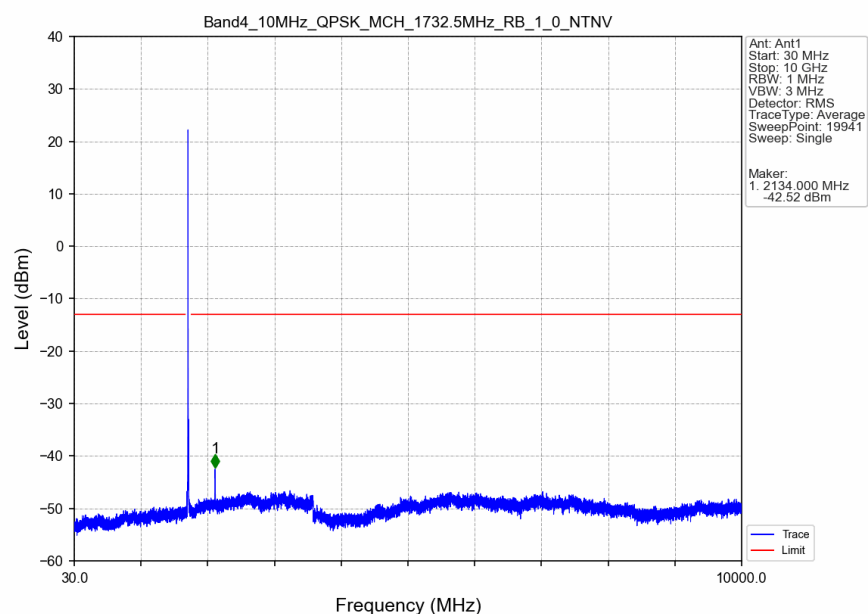


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

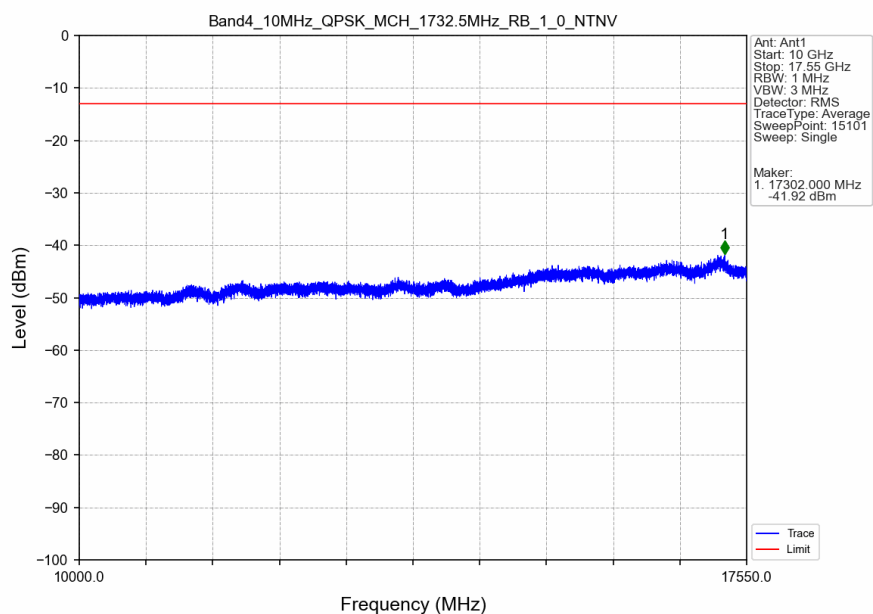


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.492	-31.61	-13	Pass
1709	1710	0.10872	CHP	2	1709.932	-30.60	-13	Pass
1710	1720	0.10872	CHP	/	/	/	/	/

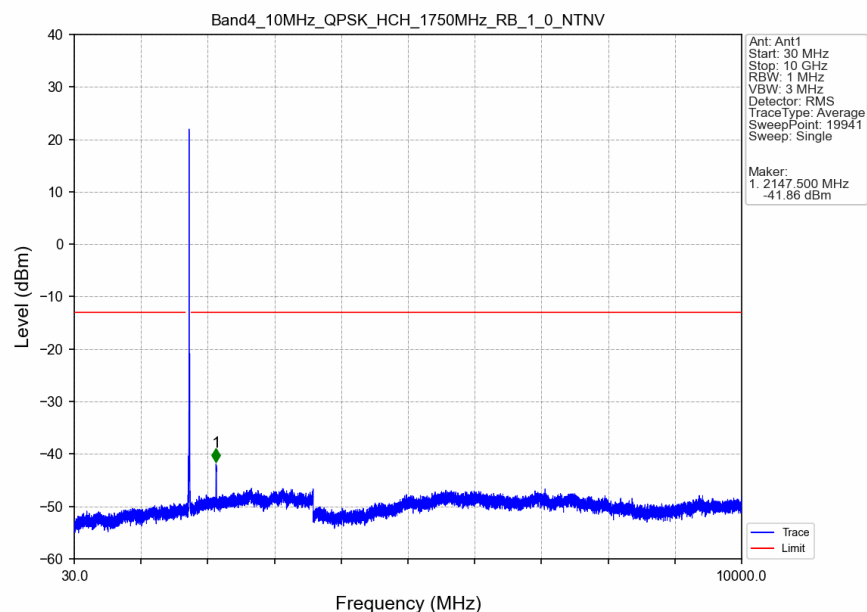
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



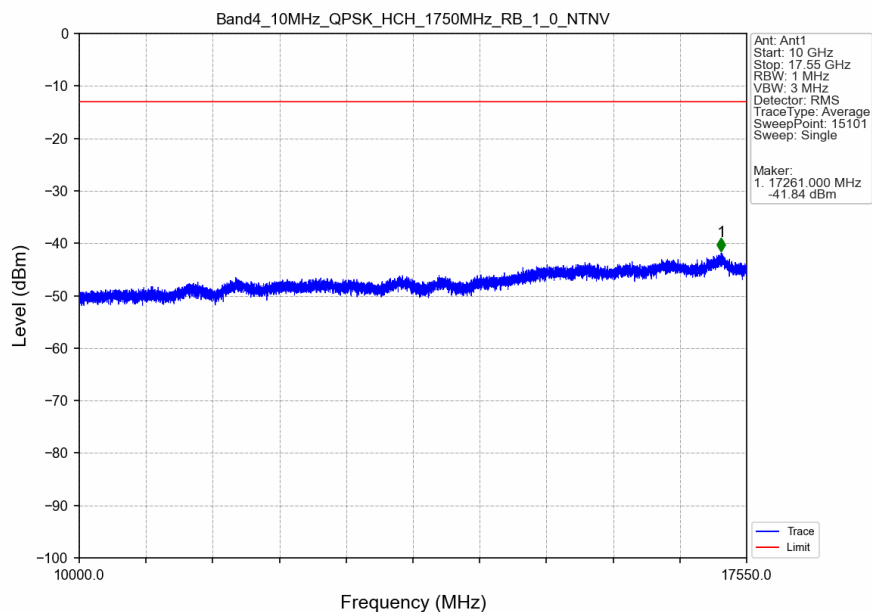
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



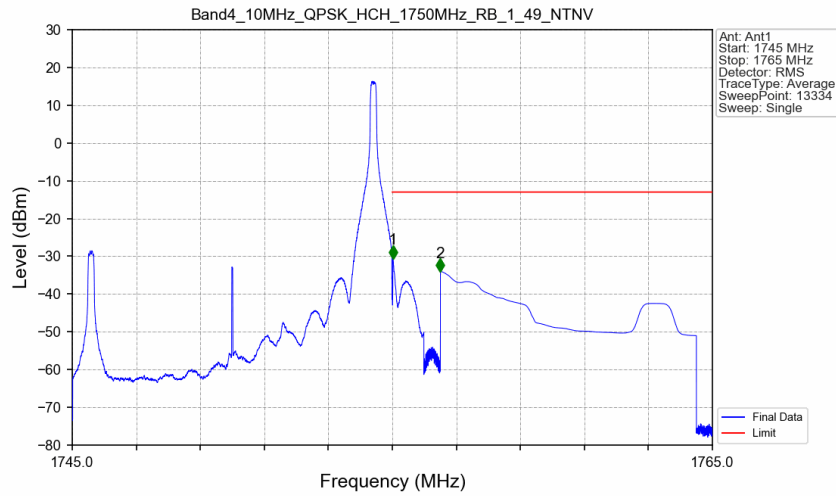
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

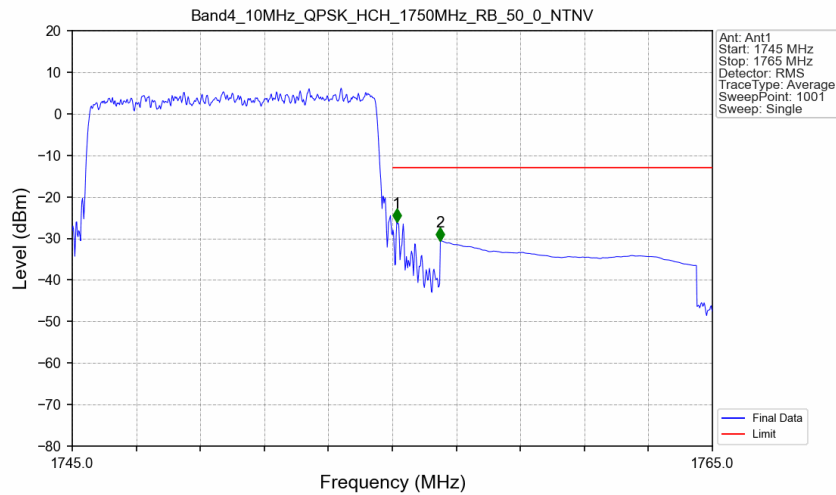


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.03	CHP	/	/	/	/	/
1755	1756	0.03	CHP	1	1755.016	-30.55	-13	Pass
1756	1765	1	CHP	2	1756.501	-34.00	-13	Pass

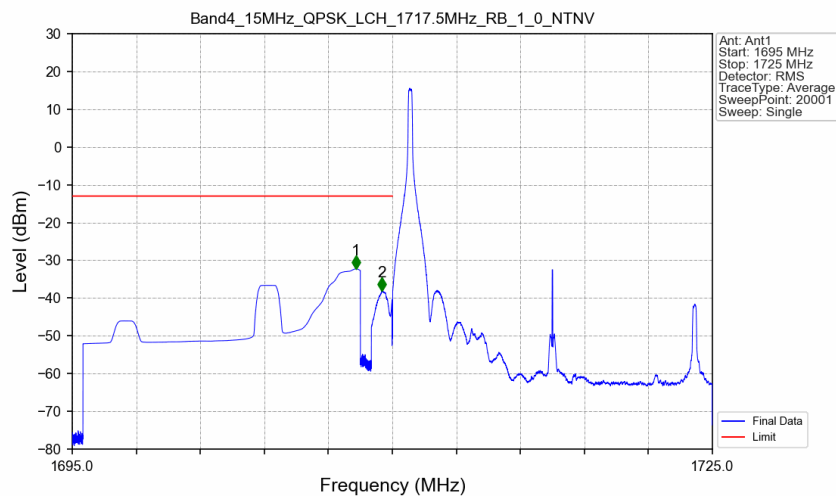
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



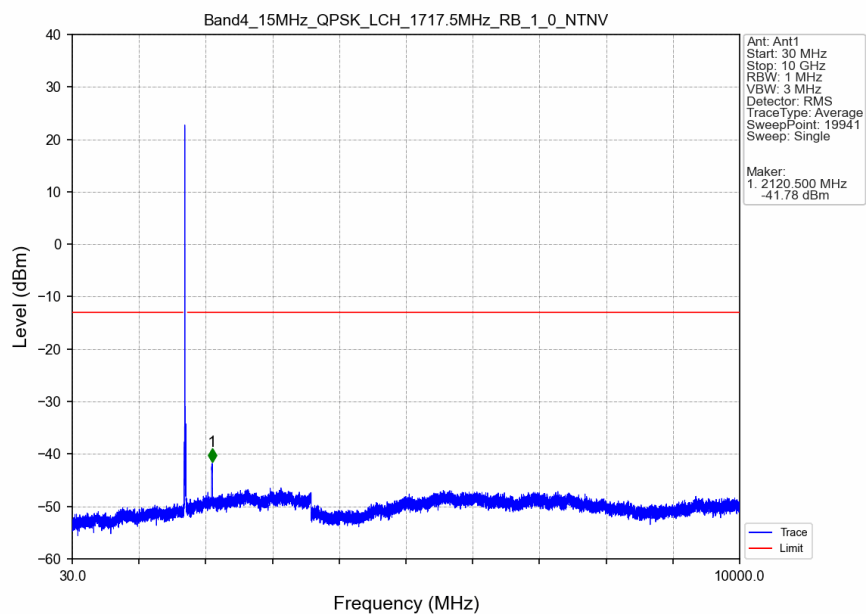
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.140	-25.99	-13	Pass
1756	1765	1	CHP	2	1756.500	-30.57	-13	Pass

5.2.5 B4_15MHz

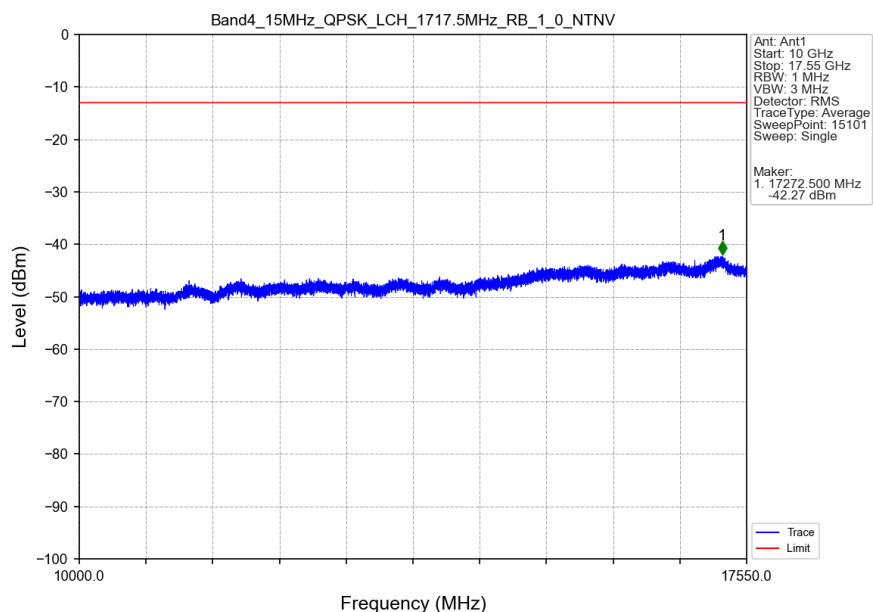
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



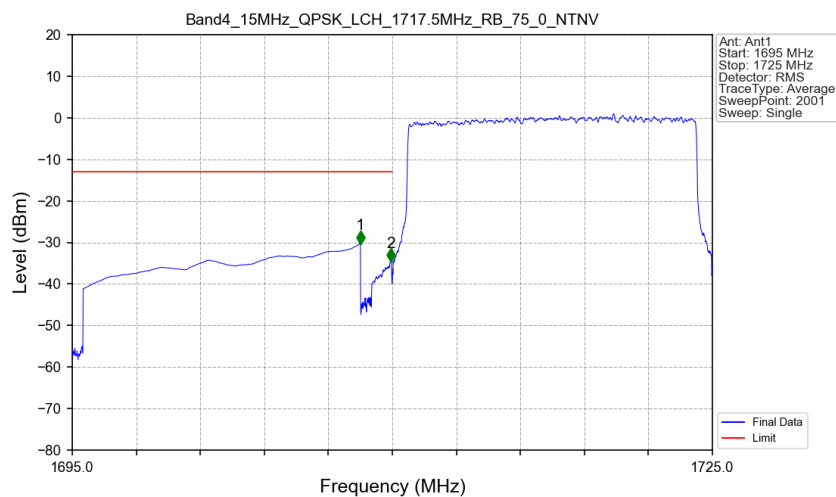
Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

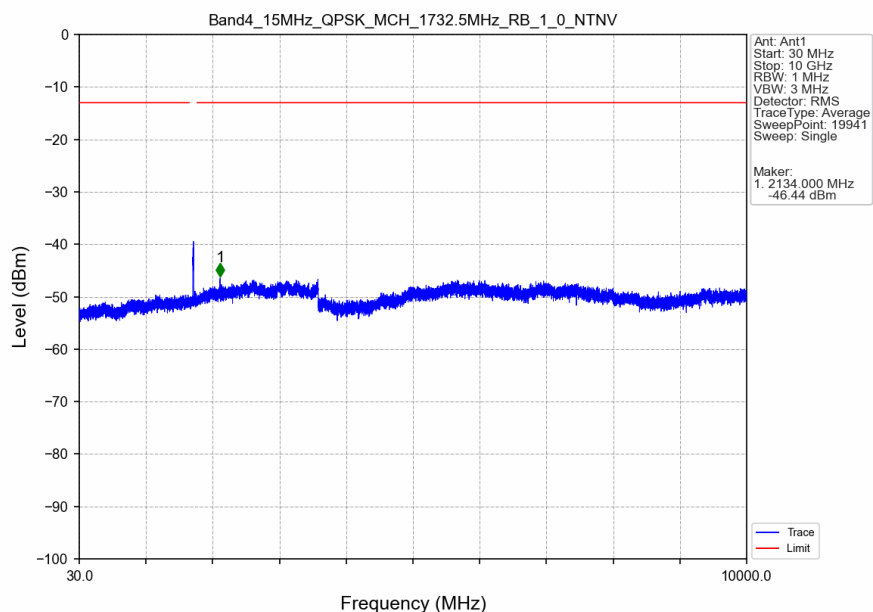


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

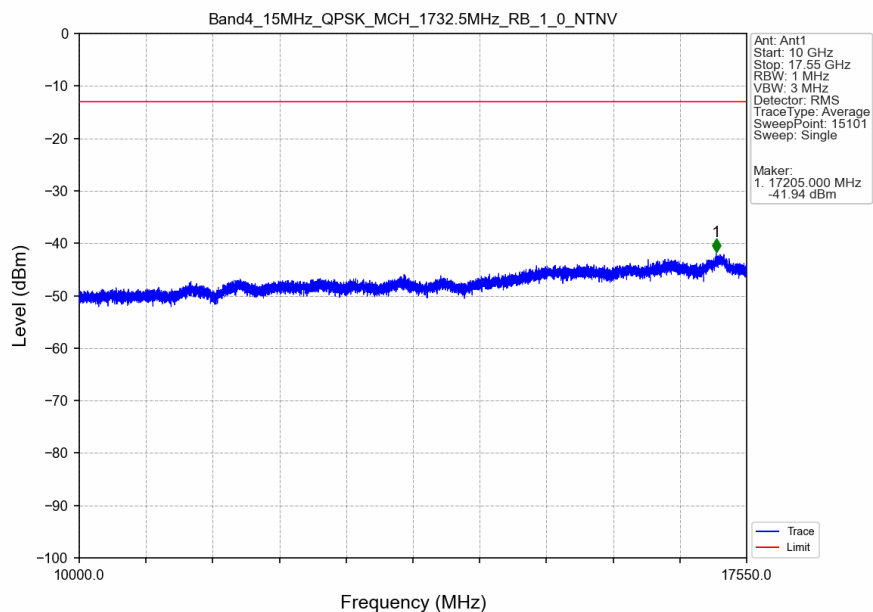


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-30.31	-13	Pass
1709	1710	0.0711	CHP	2	1709.925	-34.65	-13	Pass
1710	1725	0.0711	CHP	/	/	/	/	/

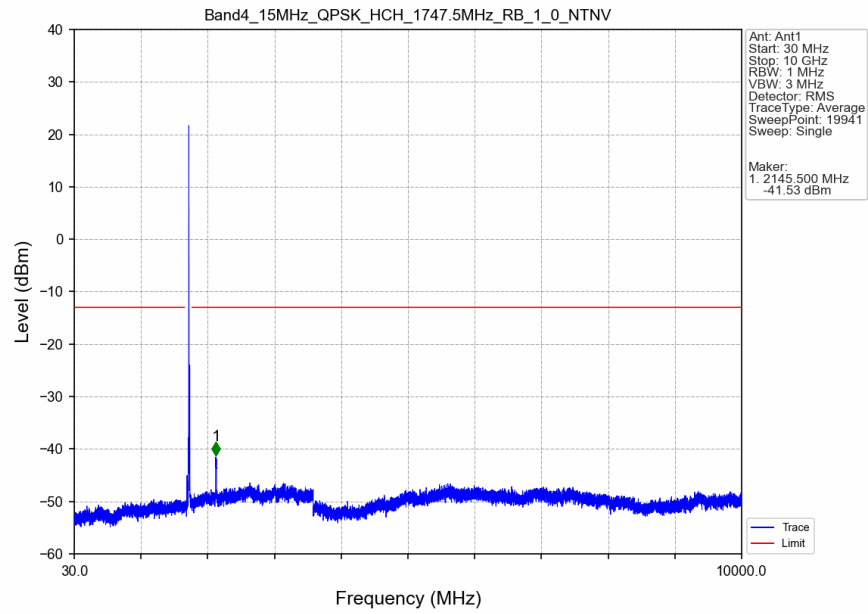
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



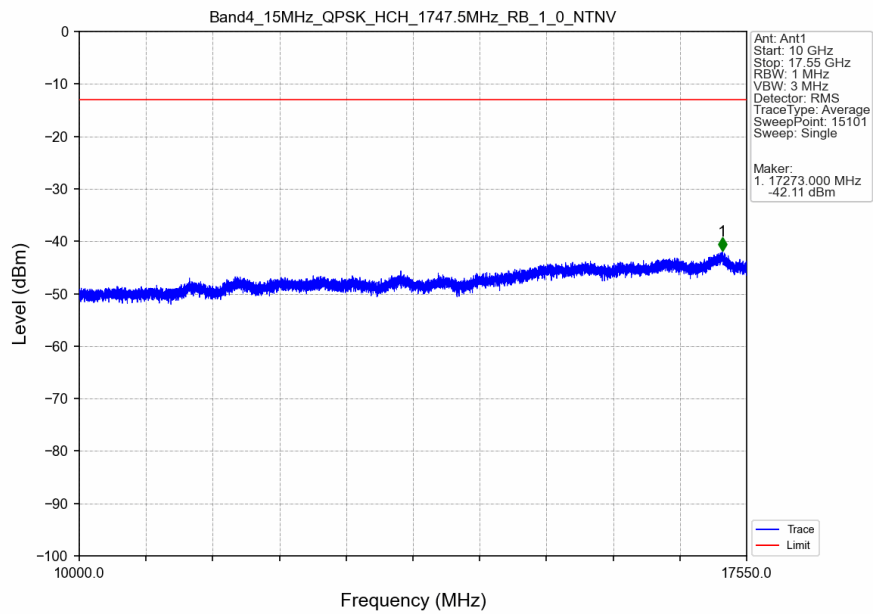
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



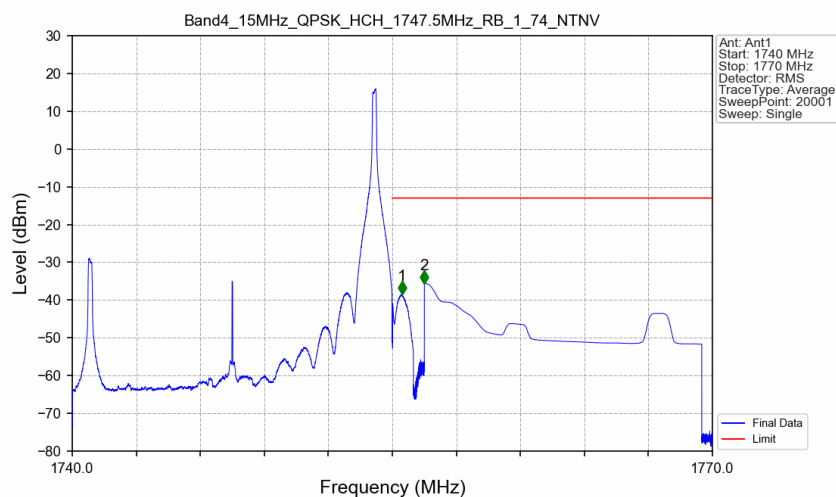
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



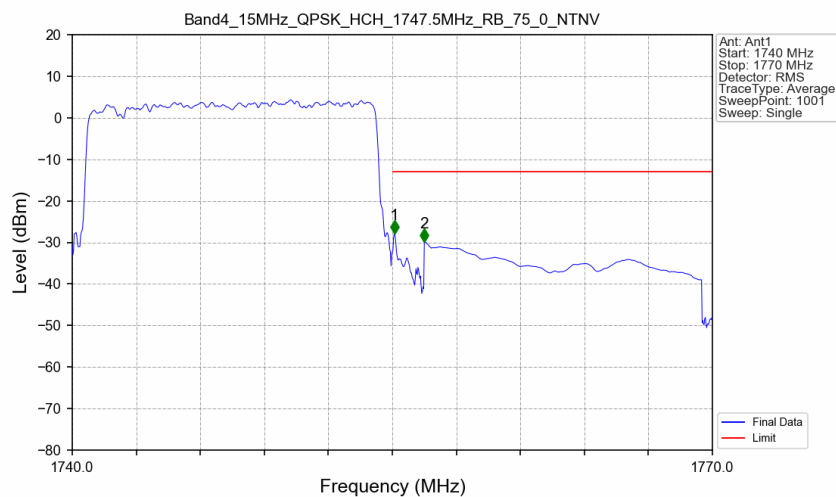
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV

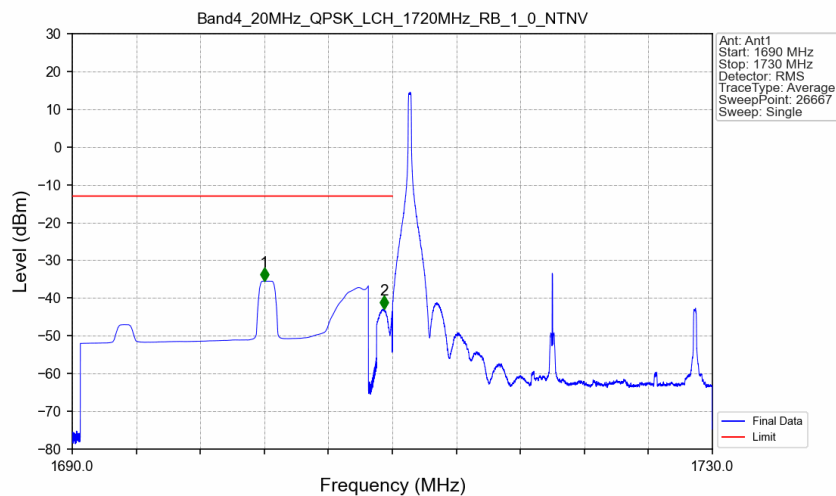


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

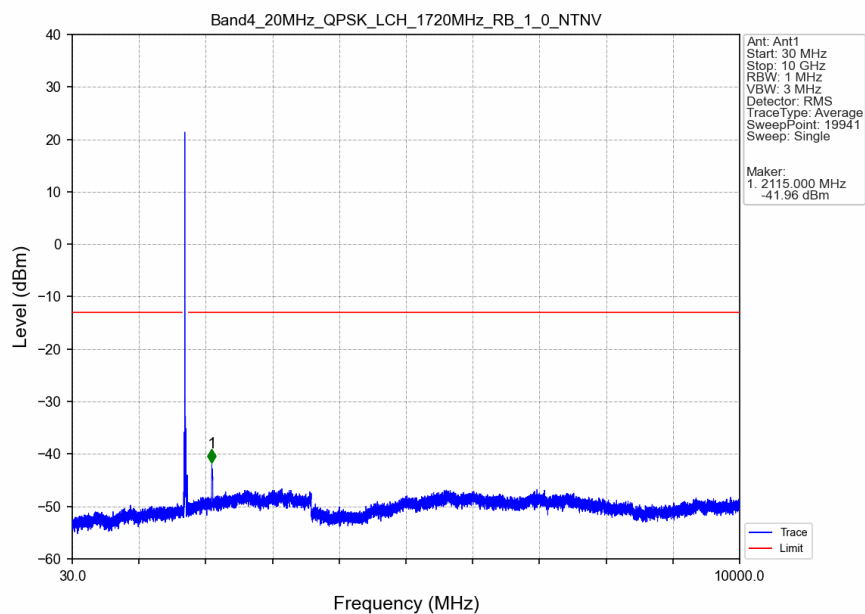


5.2.6 B4_20MHz

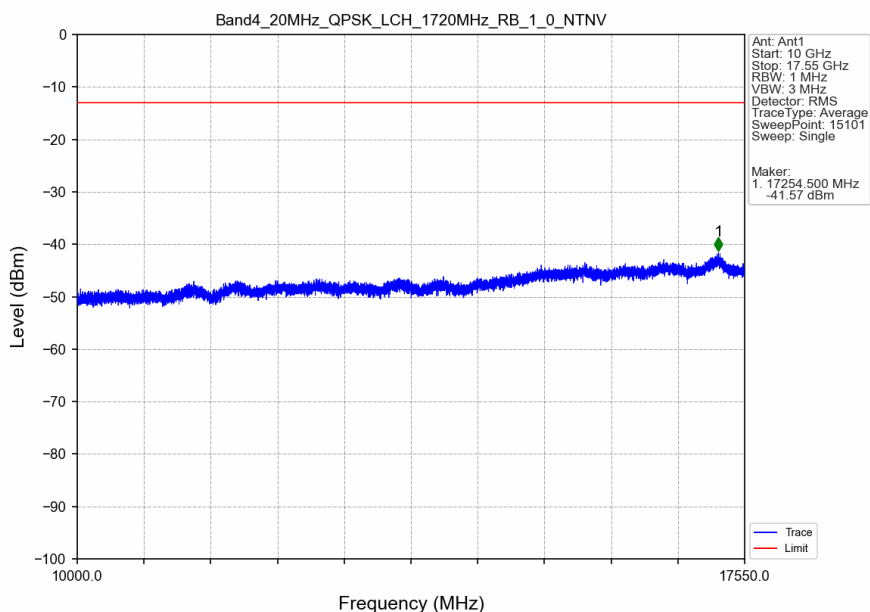
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



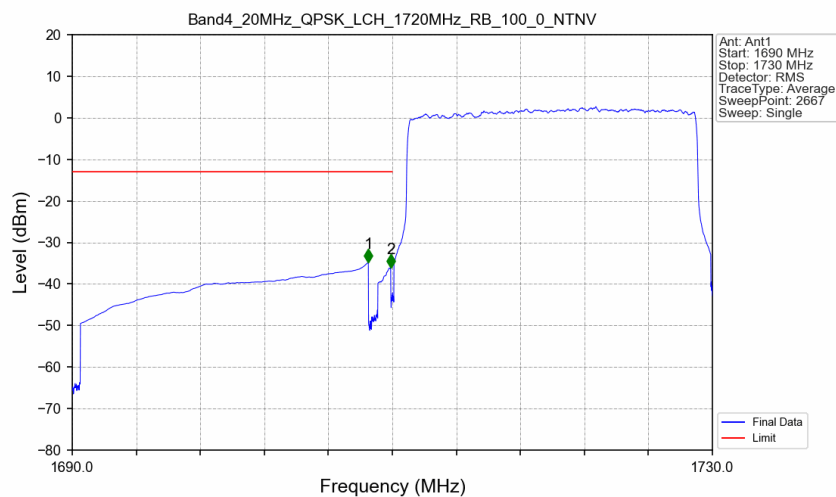
Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

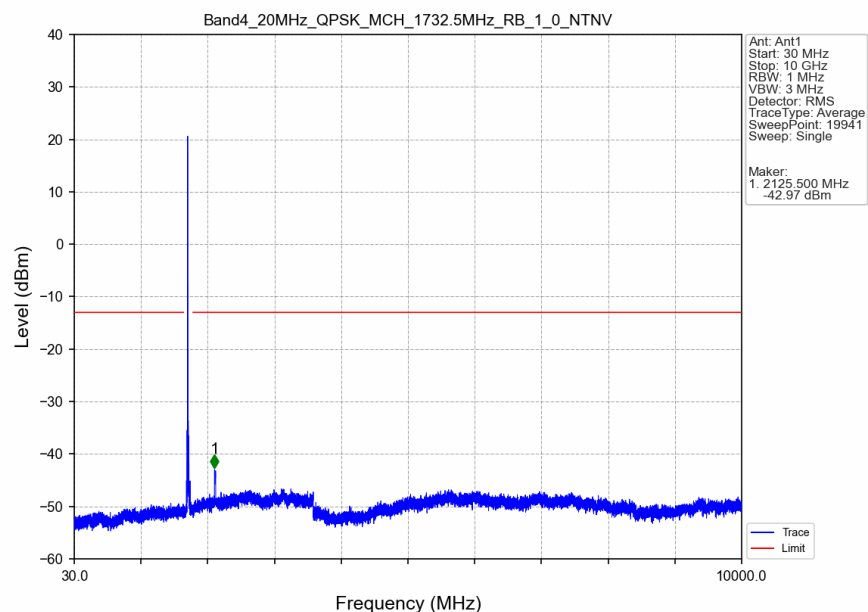


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

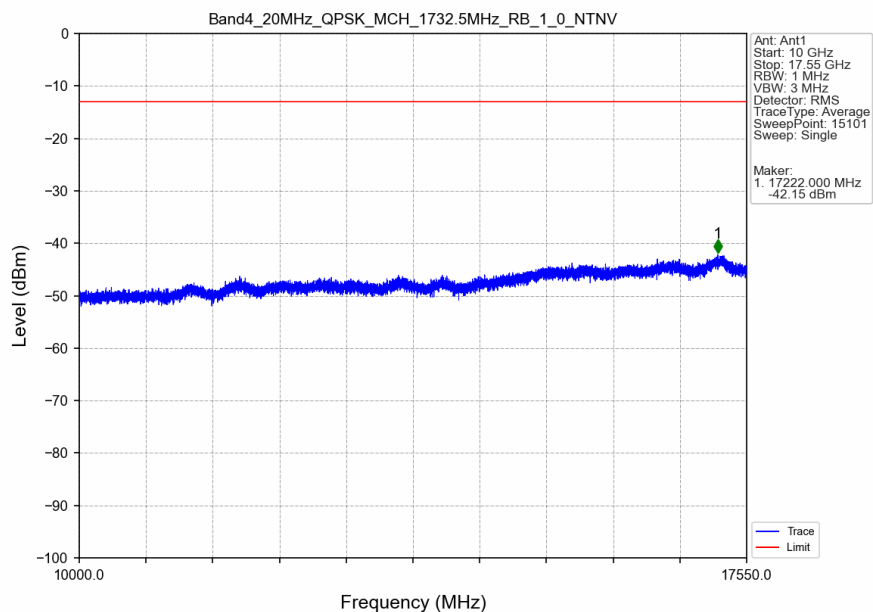


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-34.80	-13	Pass
1709	1710	0.19316	CHP	2	1709.895	-36.07	-13	Pass
1710	1730	0.19316	CHP	/	/	/	/	/

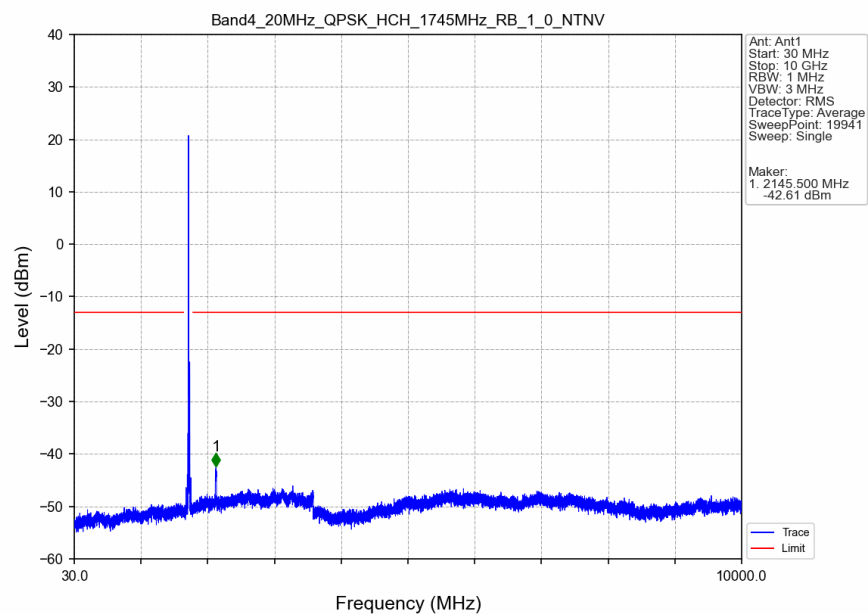
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



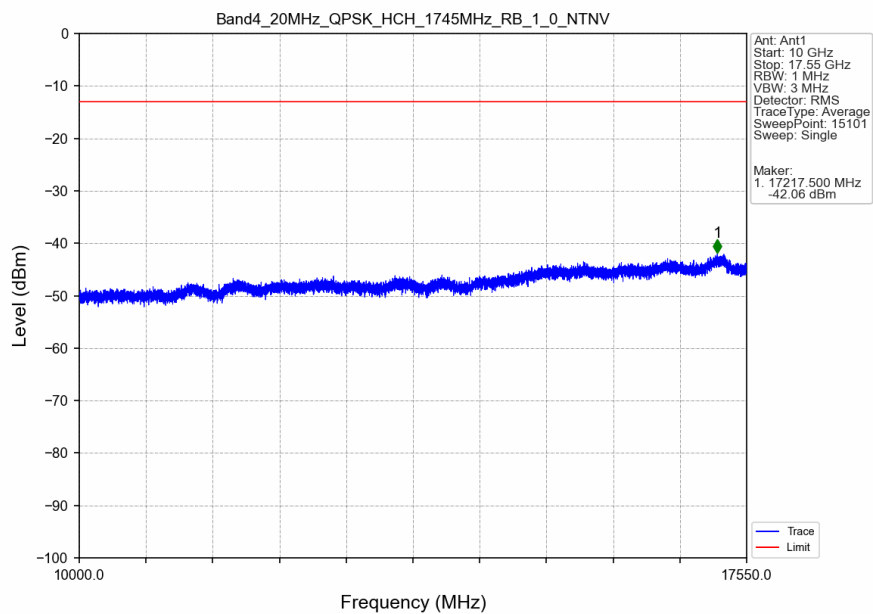
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



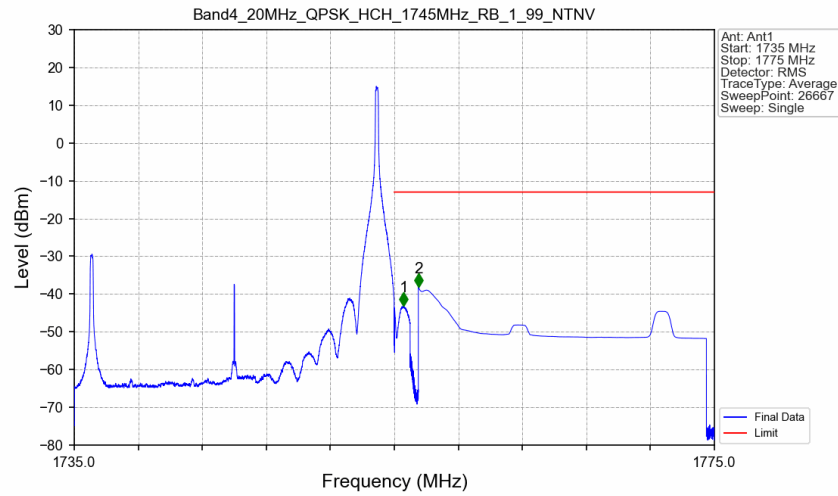
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

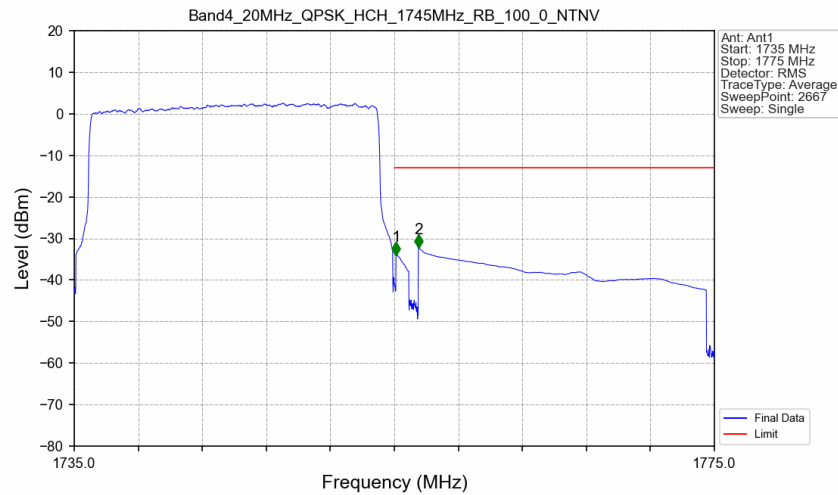


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.03	CHP	/	/	/	/	/
1755	1756	0.03	CHP	1	1755.591	-43.03	-13	Pass
1756	1775	1	CHP	2	1756.500	-38.12	-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	0.19316	CHP	/	/	/	/	/
1755	1756	0.19316	CHP	1	1755.105	-33.96	-13	Pass
1756	1775	1	CHP	2	1756.500	-32.30	-13	Pass