

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	18.02	0.81	18.83	<=30	Pass
			2	18.11	0.81	18.92	<=30	Pass
			5	18.00	0.81	18.81	<=30	Pass
		3	0	18.06	0.81	18.87	<=30	Pass
			2	18.03	0.81	18.84	<=30	Pass
			3	17.96	0.81	18.77	<=30	Pass
		6	0	18.05	0.81	18.86	<=30	Pass
	1732.5	1	0	18.29	0.81	19.10	<=30	Pass
			2	18.45	0.81	19.26	<=30	Pass
			5	18.36	0.81	19.17	<=30	Pass
		3	0	18.35	0.81	19.16	<=30	Pass
			2	18.07	0.81	18.88	<=30	Pass
			3	18.05	0.81	18.86	<=30	Pass
		6	0	18.12	0.81	18.93	<=30	Pass
	1754.3	1	0	18.22	0.81	19.03	<=30	Pass
			2	18.28	0.81	19.09	<=30	Pass
			5	18.18	0.81	18.99	<=30	Pass
		3	0	18.14	0.81	18.95	<=30	Pass
			2	18.17	0.81	18.98	<=30	Pass
			3	18.14	0.81	18.95	<=30	Pass
		6	0	18.25	0.81	19.06	<=30	Pass
16QAM	1710.7	1	0	18.09	0.81	18.90	<=30	Pass
			2	18.12	0.81	18.93	<=30	Pass
			5	18.08	0.81	18.89	<=30	Pass
		3	0	17.91	0.81	18.72	<=30	Pass
			2	17.96	0.81	18.77	<=30	Pass
			3	18.03	0.81	18.84	<=30	Pass
		6	0	18.08	0.81	18.89	<=30	Pass
	1732.5	1	0	18.16	0.81	18.97	<=30	Pass
			2	18.26	0.81	19.07	<=30	Pass
			5	18.15	0.81	18.96	<=30	Pass
		3	0	18.18	0.81	18.99	<=30	Pass
			2	18.27	0.81	19.08	<=30	Pass
			3	18.19	0.81	19.00	<=30	Pass
		6	0	18.21	0.81	19.02	<=30	Pass
	1754.3	1	0	18.05	0.81	18.86	<=30	Pass
			2	18.08	0.81	18.89	<=30	Pass
			5	18.00	0.81	18.81	<=30	Pass
		3	0	18.24	0.81	19.05	<=30	Pass
			2	18.26	0.81	19.07	<=30	Pass
			3	18.22	0.81	19.03	<=30	Pass
		6	0	18.16	0.81	18.97	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

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	17.82	0.81	18.63	<=30	Pass
			7	18.02	0.81	18.83	<=30	Pass
			14	17.93	0.81	18.74	<=30	Pass
		8	0	17.99	0.81	18.80	<=30	Pass
			4	18.04	0.81	18.85	<=30	Pass
			7	17.98	0.81	18.79	<=30	Pass
		15	0	17.94	0.81	18.75	<=30	Pass
	1732.5	1	0	18.18	0.81	18.99	<=30	Pass
			7	18.37	0.81	19.18	<=30	Pass
			14	18.22	0.81	19.03	<=30	Pass
		8	0	18.37	0.81	19.18	<=30	Pass
			4	18.37	0.81	19.18	<=30	Pass
			7	18.32	0.81	19.13	<=30	Pass
		15	0	18.31	0.81	19.12	<=30	Pass
	1753.5	1	0	18.21	0.81	19.02	<=30	Pass
			7	18.37	0.81	19.18	<=30	Pass
			14	18.22	0.81	19.03	<=30	Pass
		8	0	18.32	0.81	19.13	<=30	Pass
			4	18.38	0.81	19.19	<=30	Pass
			7	18.38	0.81	19.19	<=30	Pass
		15	0	18.37	0.81	19.18	<=30	Pass
16QAM	1711.5	1	0	18.05	0.81	18.86	<=30	Pass
			7	18.28	0.81	19.09	<=30	Pass
			14	18.08	0.81	18.89	<=30	Pass
		8	0	17.94	0.81	18.75	<=30	Pass
			4	18.00	0.81	18.81	<=30	Pass
			7	18.09	0.81	18.90	<=30	Pass
		15	0	17.96	0.81	18.77	<=30	Pass
	1732.5	1	0	18.20	0.81	19.01	<=30	Pass
			7	18.35	0.81	19.16	<=30	Pass
			14	18.22	0.81	19.03	<=30	Pass
		8	0	18.46	0.81	19.27	<=30	Pass
			4	18.47	0.81	19.28	<=30	Pass
			7	18.44	0.81	19.25	<=30	Pass
		15	0	18.36	0.81	19.17	<=30	Pass
	1753.5	1	0	18.09	0.81	18.90	<=30	Pass
			7	18.29	0.81	19.10	<=30	Pass
			14	18.12	0.81	18.93	<=30	Pass
		8	0	18.42	0.81	19.23	<=30	Pass
			4	18.47	0.81	19.28	<=30	Pass
			7	18.45	0.81	19.26	<=30	Pass
		15	0	18.43	0.81	19.24	<=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	17.91	0.81	18.72	<=30	Pass
			13	17.95	0.81	18.76	<=30	Pass
			24	18.19	0.81	19.00	<=30	Pass
		12	0	18.06	0.81	18.87	<=30	Pass
			6	18.03	0.81	18.84	<=30	Pass
			13	18.13	0.81	18.94	<=30	Pass
		25	0	18.08	0.81	18.89	<=30	Pass
	1732.5	1	0	18.59	0.81	19.40	<=30	Pass
			13	18.44	0.81	19.25	<=30	Pass
			24	18.75	0.81	19.56	<=30	Pass
		12	0	18.63	0.81	19.44	<=30	Pass
			6	18.56	0.81	19.37	<=30	Pass
			13	18.60	0.81	19.41	<=30	Pass
		25	0	18.62	0.81	19.43	<=30	Pass
	1752.5	1	0	18.69	0.81	19.50	<=30	Pass
			13	18.46	0.81	19.27	<=30	Pass
			24	18.60	0.81	19.41	<=30	Pass
		12	0	18.49	0.81	19.30	<=30	Pass
			6	18.46	0.81	19.27	<=30	Pass
			13	18.51	0.81	19.32	<=30	Pass
		25	0	18.55	0.81	19.36	<=30	Pass
16QAM	1712.5	1	0	18.27	0.81	19.08	<=30	Pass
			13	18.21	0.81	19.02	<=30	Pass
			24	18.47	0.81	19.28	<=30	Pass
		12	0	18.00	0.81	18.81	<=30	Pass
			6	17.99	0.81	18.80	<=30	Pass
			13	18.23	0.81	19.04	<=30	Pass
		25	0	18.19	0.81	19.00	<=30	Pass
	1732.5	1	0	18.77	0.81	19.58	<=30	Pass
			13	18.64	0.81	19.45	<=30	Pass
			24	18.80	0.81	19.61	<=30	Pass
		12	0	18.61	0.81	19.42	<=30	Pass
			6	18.55	0.81	19.36	<=30	Pass
			13	18.61	0.81	19.42	<=30	Pass
		25	0	18.61	0.81	19.42	<=30	Pass
	1752.5	1	0	18.76	0.81	19.57	<=30	Pass
			13	18.64	0.81	19.45	<=30	Pass
			24	18.92	0.81	19.73	<=30	Pass
		12	0	18.45	0.81	19.26	<=30	Pass
			6	18.39	0.81	19.20	<=30	Pass
			13	18.46	0.81	19.27	<=30	Pass
		25	0	18.53	0.81	19.34	<=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	18.65	0.81	19.46	<=30	Pass
			25	18.63	0.81	19.44	<=30	Pass
			49	18.95	0.81	19.76	<=30	Pass
		25	0	18.52	0.81	19.33	<=30	Pass
			13	18.70	0.81	19.51	<=30	Pass

			25	18.82	0.81	19.63	<=30	Pass	
		50	0	18.82	0.81	19.63	<=30	Pass	
	1732.5	1	0	18.71	0.81	19.52	<=30	Pass	
			25	18.52	0.81	19.33	<=30	Pass	
			49	18.74	0.81	19.55	<=30	Pass	
		25	0	18.59	0.81	19.40	<=30	Pass	
			13	18.52	0.81	19.33	<=30	Pass	
			25	18.61	0.81	19.42	<=30	Pass	
		50	0	18.61	0.81	19.42	<=30	Pass	
	1750	1	0	18.76	0.81	19.57	<=30	Pass	
			25	18.55	0.81	19.36	<=30	Pass	
			49	18.72	0.81	19.53	<=30	Pass	
		25	0	18.73	0.81	19.54	<=30	Pass	
			13	18.62	0.81	19.43	<=30	Pass	
			25	18.49	0.81	19.30	<=30	Pass	
		50	0	18.56	0.81	19.37	<=30	Pass	
	16QAM	1715	1	0	18.86	0.81	19.67	<=30	Pass
				25	19.01	0.81	19.82	<=30	Pass
49				19.33	0.81	20.14	<=30	Pass	
12			0	18.74	0.81	19.55	<=30	Pass	
			19	18.77	0.81	19.58	<=30	Pass	
			38	19.07	0.81	19.88	<=30	Pass	
27			0	18.64	0.81	19.45	<=30	Pass	
1732.5		1	0	18.68	0.81	19.49	<=30	Pass	
			25	18.48	0.81	19.29	<=30	Pass	
			49	18.70	0.81	19.51	<=30	Pass	
		12	0	18.59	0.81	19.40	<=30	Pass	
			19	18.45	0.81	19.26	<=30	Pass	
			38	18.62	0.81	19.43	<=30	Pass	
		27	0	18.62	0.81	19.43	<=30	Pass	
1750		1	0	18.53	0.81	19.34	<=30	Pass	
			25	18.34	0.81	19.15	<=30	Pass	
			49	18.49	0.81	19.30	<=30	Pass	
		12	0	18.75	0.81	19.56	<=30	Pass	
			19	18.58	0.81	19.39	<=30	Pass	
			38	18.55	0.81	19.36	<=30	Pass	
		27	23	18.51	0.81	19.32	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

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	18.20	0.81	19.01	<=30	Pass
			38	18.47	0.81	19.28	<=30	Pass
			74	18.52	0.81	19.33	<=30	Pass
		36	0	18.39	0.81	19.20	<=30	Pass
			18	18.52	0.81	19.33	<=30	Pass
			39	18.60	0.81	19.41	<=30	Pass
		75	0	18.57	0.81	19.38	<=30	Pass
	1732.5	1	0	18.40	0.81	19.21	<=30	Pass
			38	18.37	0.81	19.18	<=30	Pass
			74	18.30	0.81	19.11	<=30	Pass

16QAM	1747.5	36	0	18.51	0.81	19.32	<=30	Pass
			18	18.61	0.81	19.42	<=30	Pass
			39	18.57	0.81	19.38	<=30	Pass
		75	0	18.56	0.81	19.37	<=30	Pass
		1	0	18.24	0.81	19.05	<=30	Pass
			38	18.55	0.81	19.36	<=30	Pass
			74	18.35	0.81	19.16	<=30	Pass
		36	0	18.55	0.81	19.36	<=30	Pass
			18	18.65	0.81	19.46	<=30	Pass
			39	18.55	0.81	19.36	<=30	Pass
		75	0	18.53	0.81	19.34	<=30	Pass
16QAM	1717.5	1	0	18.52	0.81	19.33	<=30	Pass
			38	18.84	0.81	19.65	<=30	Pass
			74	18.95	0.81	19.76	<=30	Pass
		12	0	18.29	0.81	19.10	<=30	Pass
			31	18.58	0.81	19.39	<=30	Pass
			63	18.69	0.81	19.50	<=30	Pass
		27	0	18.36	0.81	19.17	<=30	Pass
	1732.5	1	0	18.50	0.81	19.31	<=30	Pass
			38	18.43	0.81	19.24	<=30	Pass
			74	18.37	0.81	19.18	<=30	Pass
		12	0	18.51	0.81	19.32	<=30	Pass
			31	18.45	0.81	19.26	<=30	Pass
			63	18.44	0.81	19.25	<=30	Pass
		27	0	18.63	0.81	19.44	<=30	Pass
	1747.5	1	0	18.59	0.81	19.40	<=30	Pass
			38	18.79	0.81	19.60	<=30	Pass
			74	18.62	0.81	19.43	<=30	Pass
		12	0	18.40	0.81	19.21	<=30	Pass
			31	18.55	0.81	19.36	<=30	Pass
			63	18.37	0.81	19.18	<=30	Pass
		27	48	18.44	0.81	19.25	<=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	18.00	0.81	18.81	<=30	Pass
			50	18.22	0.81	19.03	<=30	Pass
			99	18.07	0.81	18.88	<=30	Pass
		50	0	18.24	0.81	19.05	<=30	Pass
			25	18.39	0.81	19.20	<=30	Pass
			50	18.38	0.81	19.19	<=30	Pass
		100	0	18.23	0.81	19.04	<=30	Pass
	1732.5	1	0	18.77	0.81	19.58	<=30	Pass
			50	18.44	0.81	19.25	<=30	Pass
			99	18.51	0.81	19.32	<=30	Pass
		50	0	18.68	0.81	19.49	<=30	Pass
			25	18.73	0.81	19.54	<=30	Pass
			50	18.64	0.81	19.45	<=30	Pass
		100	0	18.52	0.81	19.33	<=30	Pass
	1745	1	0	18.41	0.81	19.22	<=30	Pass

16QAM	1720	50	50	18.46	0.81	19.27	<=30	Pass
			99	18.38	0.81	19.19	<=30	Pass
			0	18.53	0.81	19.34	<=30	Pass
			25	18.74	0.81	19.55	<=30	Pass
			50	18.61	0.81	19.42	<=30	Pass
		100	0	18.60	0.81	19.41	<=30	Pass
			0	18.27	0.81	19.08	<=30	Pass
			50	18.40	0.81	19.21	<=30	Pass
			99	18.37	0.81	19.18	<=30	Pass
			0	18.20	0.81	19.01	<=30	Pass
	1732.5	12	44	18.34	0.81	19.15	<=30	Pass
			88	18.33	0.81	19.14	<=30	Pass
			0	18.37	0.81	19.18	<=30	Pass
		27	0	18.73	0.81	19.54	<=30	Pass
			50	18.38	0.81	19.19	<=30	Pass
			99	18.49	0.81	19.30	<=30	Pass
			0	18.64	0.81	19.45	<=30	Pass
			44	18.39	0.81	19.20	<=30	Pass
			88	18.49	0.81	19.30	<=30	Pass
			0	18.70	0.81	19.51	<=30	Pass
	1745	1	0	18.73	0.81	19.54	<=30	Pass
			50	18.67	0.81	19.48	<=30	Pass
			99	18.74	0.81	19.55	<=30	Pass
			0	18.62	0.81	19.43	<=30	Pass
			44	18.68	0.81	19.49	<=30	Pass
			88	18.50	0.81	19.31	<=30	Pass
		27	73	18.59	0.81	19.40	<=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	-0.731	-0.0004	-2.5 to 2.5	Pass
					NV	-0.283	-0.0002	-2.5 to 2.5	Pass
					HV	-0.411	-0.0002	-2.5 to 2.5	Pass
				-20	NV	0.109	0.0001	-2.5 to 2.5	Pass
				-10	NV	0.921	0.0005	-2.5 to 2.5	Pass
				0	NV	-0.549	-0.0003	-2.5 to 2.5	Pass
				10	NV	-1.713	-0.0010	-2.5 to 2.5	Pass
				30	NV	-0.990	-0.0006	-2.5 to 2.5	Pass
				40	NV	1.334	0.0008	-2.5 to 2.5	Pass
				50	NV	-0.637	-0.0004	-2.5 to 2.5	Pass
				60	NV	0.098	0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

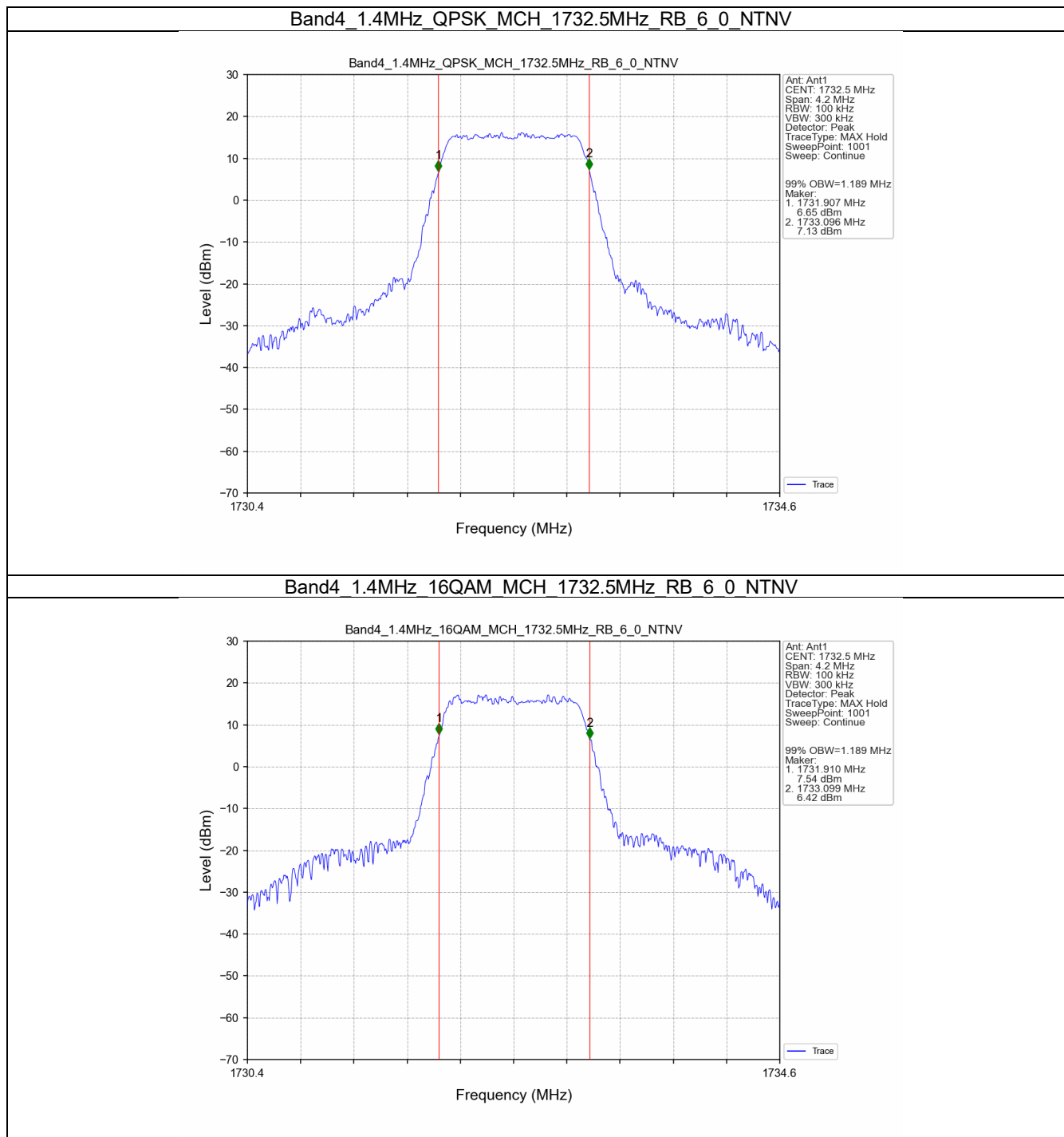
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.189	/	Pass
	16QAM	1732.5	6	0	1.189	/	Pass
3	QPSK	1732.5	15	0	2.764	/	Pass
	16QAM	1732.5	15	0	2.758	/	Pass
5	QPSK	1732.5	25	0	4.693	/	Pass
	16QAM	1732.5	25	0	4.640	/	Pass
10	QPSK	1732.5	50	0	9.092	/	Pass
	16QAM	1732.5	27	0	5.053	/	Pass
15	QPSK	1732.5	75	0	14.228	/	Pass
	16QAM	1732.5	27	0	5.170	/	Pass
20	QPSK	1732.5	100	0	18.537	/	Pass
	16QAM	1732.5	27	0	5.090	/	Pass

3.1.2 Band4_XDB

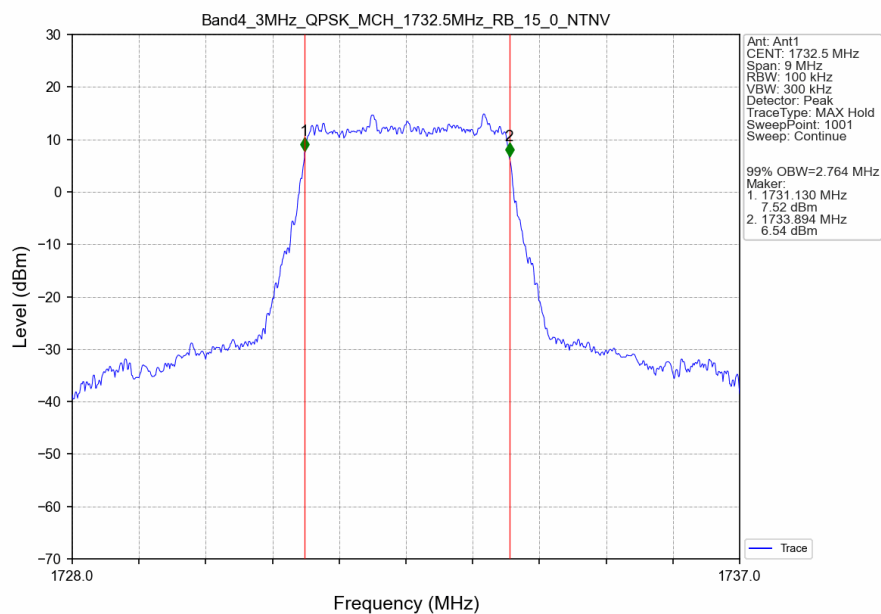
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.467	/	Pass
	16QAM	1732.5	6	0	1.464	/	Pass
3	QPSK	1732.5	15	0	3.223	/	Pass
	16QAM	1732.5	15	0	3.304	/	Pass
5	QPSK	1732.5	25	0	6.021	/	Pass
	16QAM	1732.5	25	0	5.801	/	Pass
10	QPSK	1732.5	50	0	10.544	/	Pass
	16QAM	1732.5	27	0	6.445	/	Pass
15	QPSK	1732.5	75	0	17.554	/	Pass
	16QAM	1732.5	27	0	7.367	/	Pass
20	QPSK	1732.5	100	0	21.664	/	Pass
	16QAM	1732.5	27	0	7.363	/	Pass

3.2 Test Graph

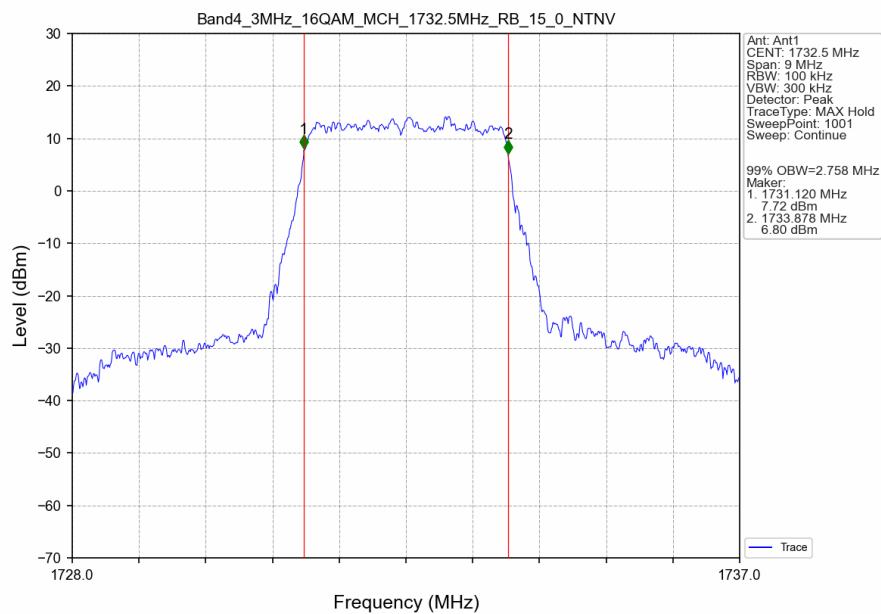
3.2.1 Band4_OBW



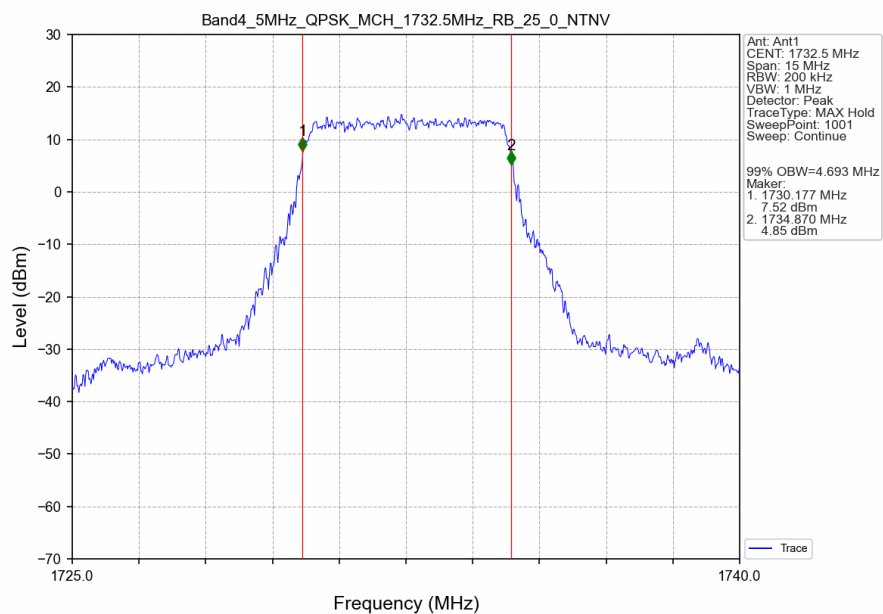
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



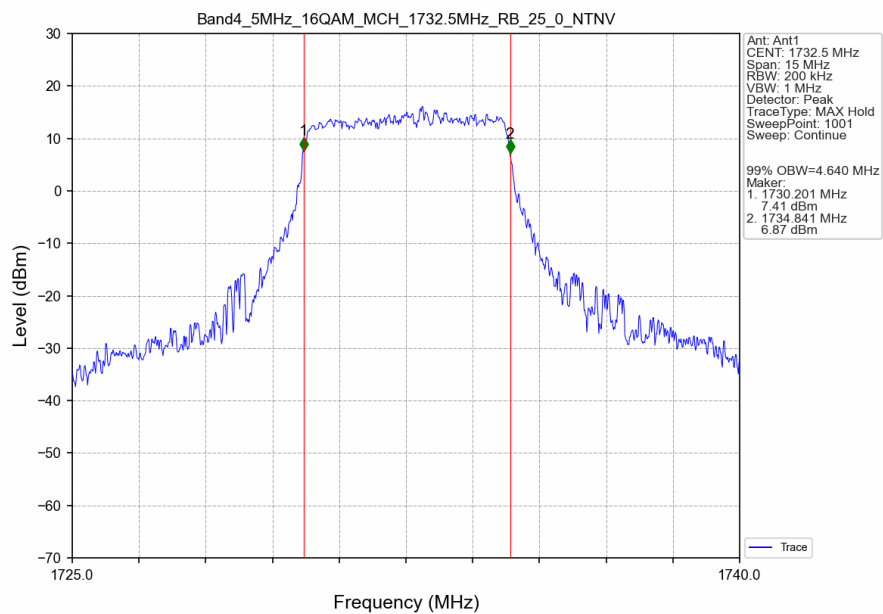
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



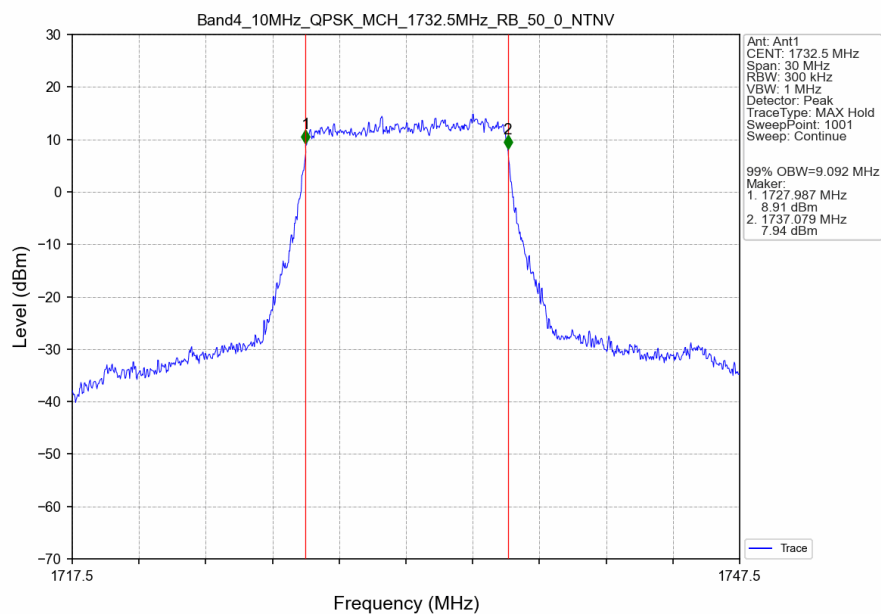
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



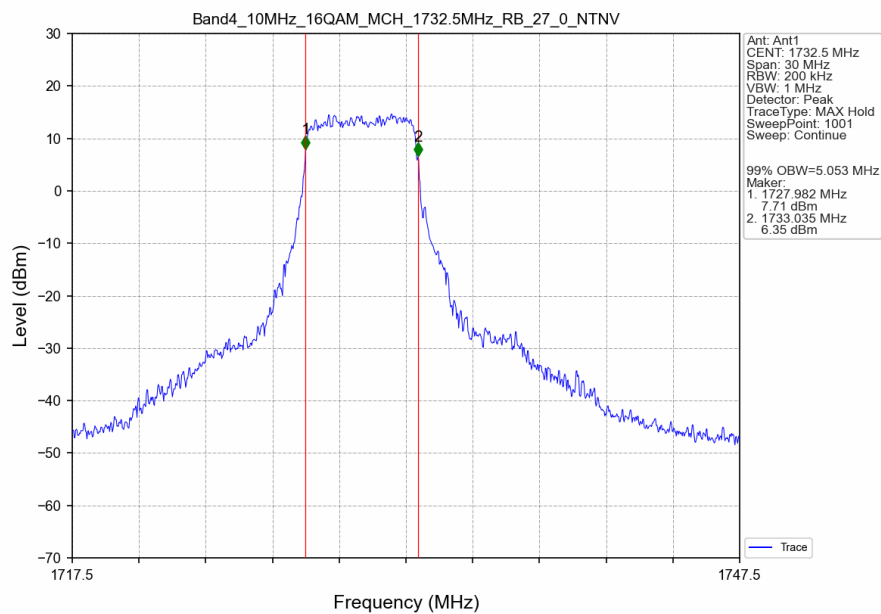
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



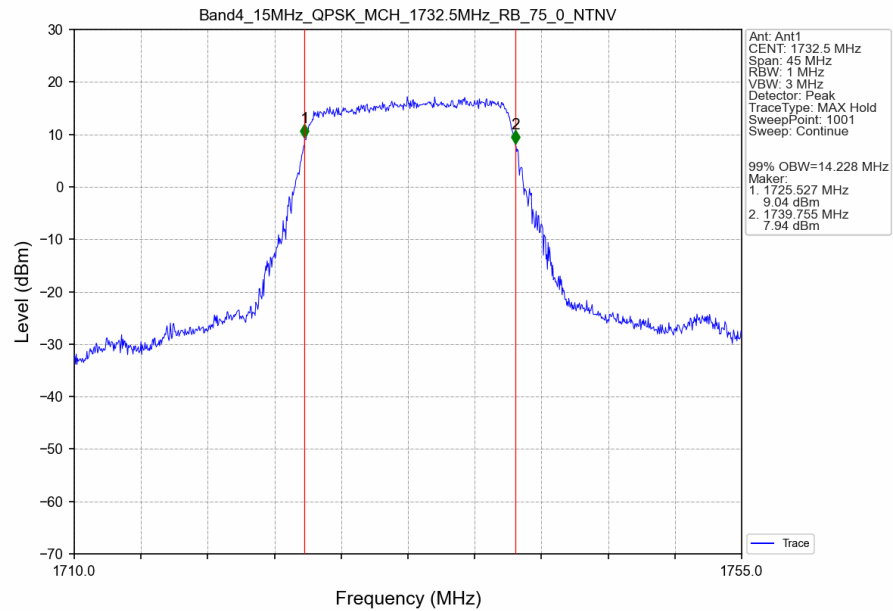
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



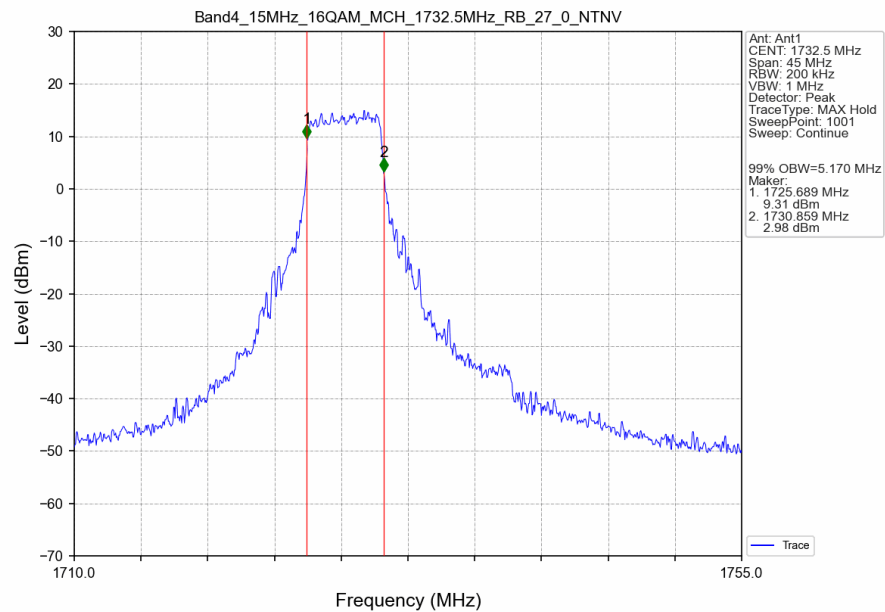
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



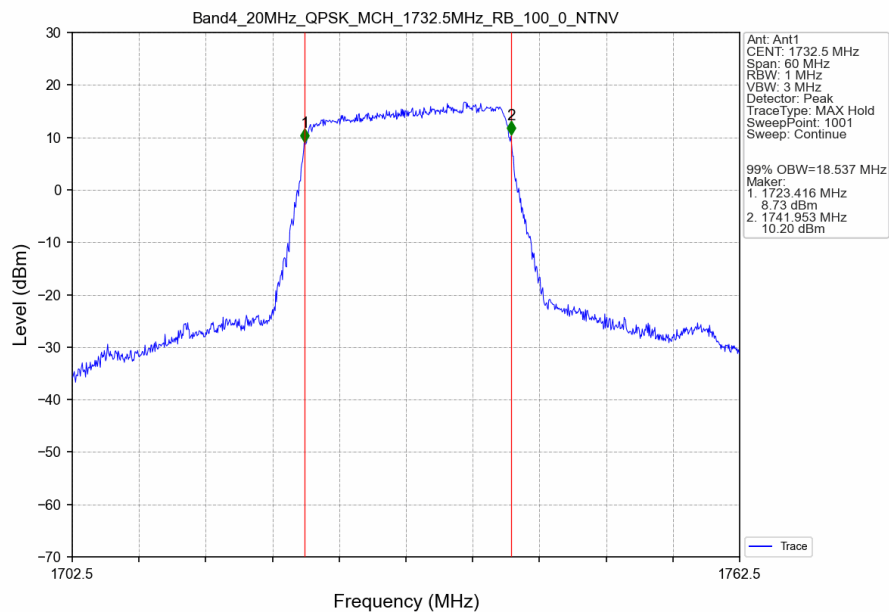
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



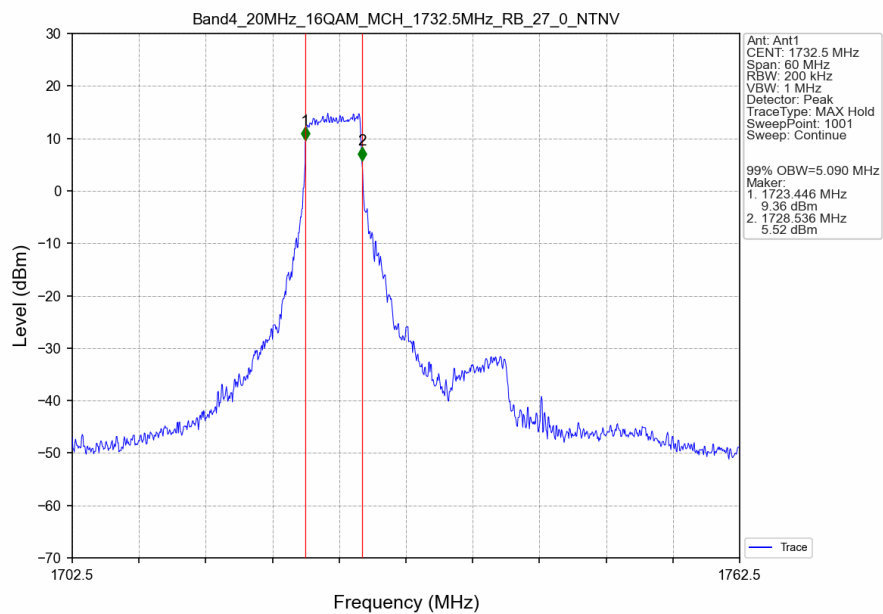
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



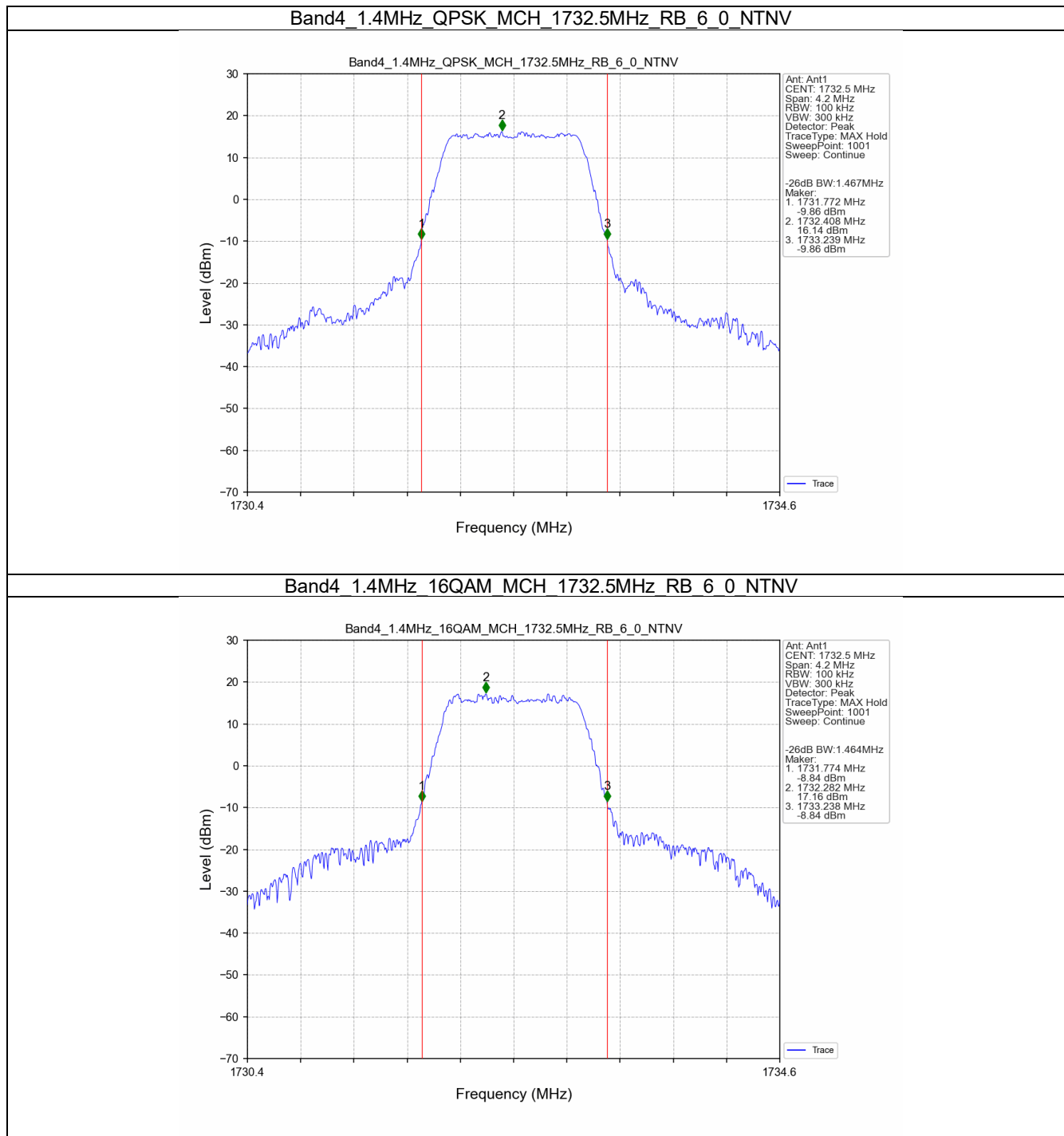
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



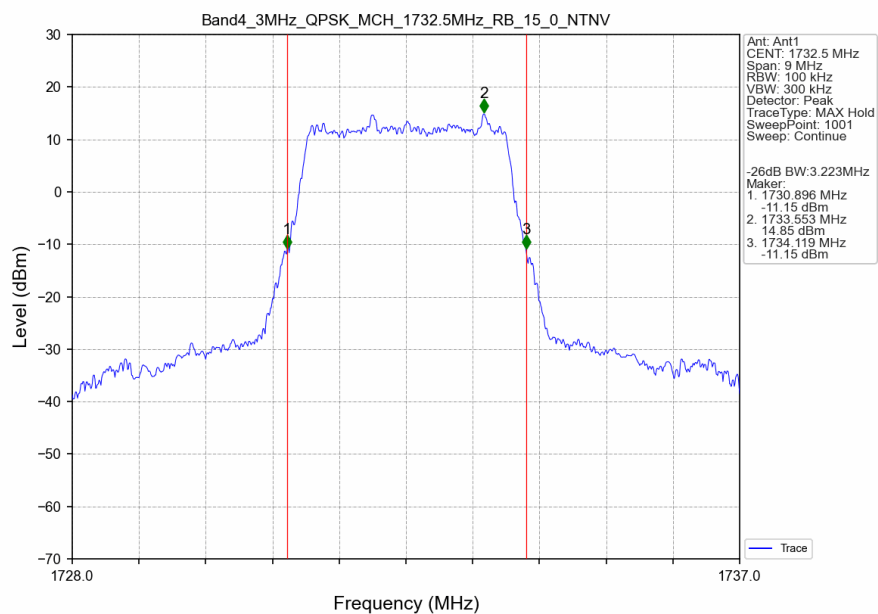
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



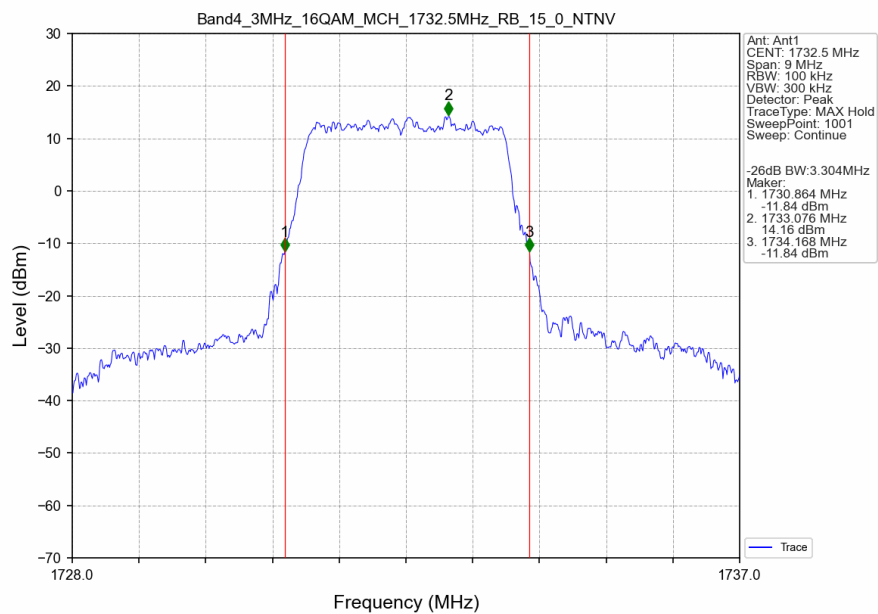
3.2.2 Band4_XDB



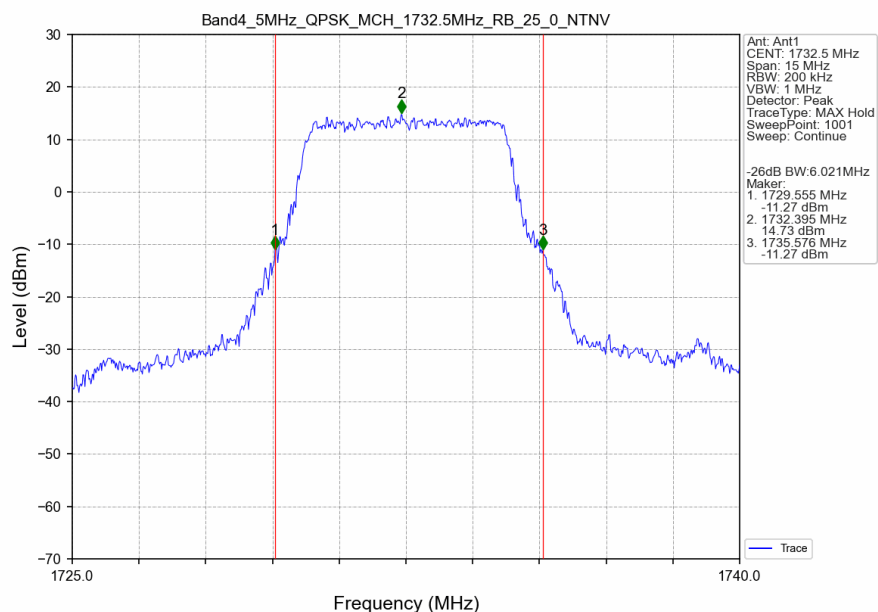
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



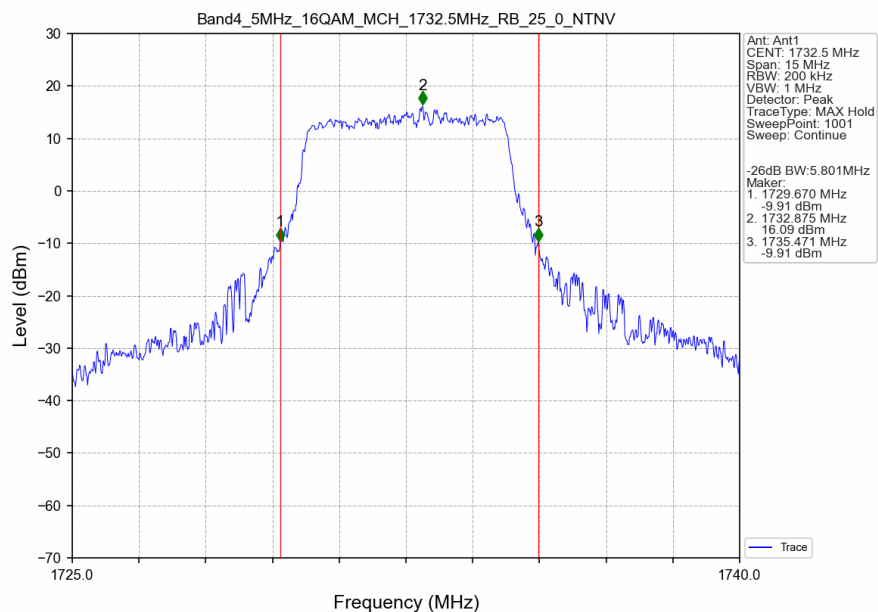
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



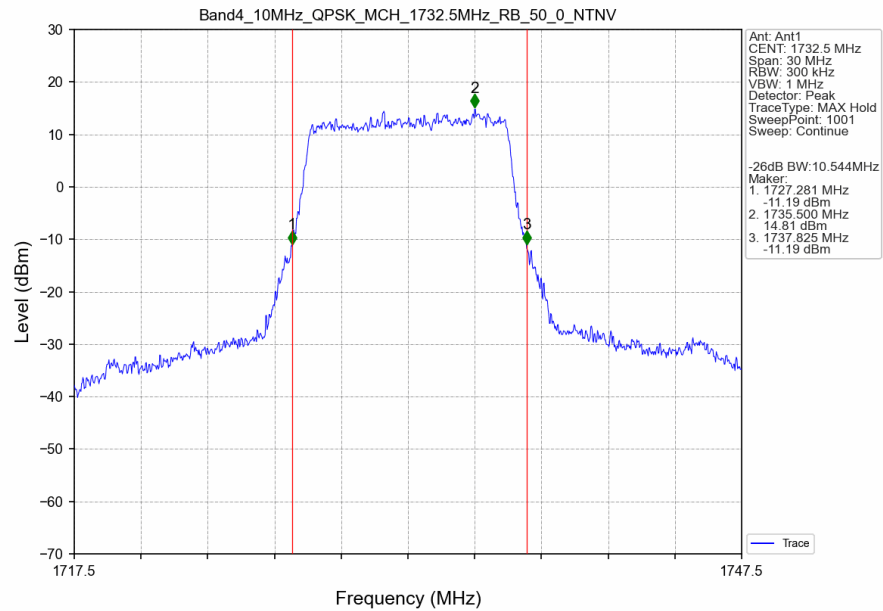
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



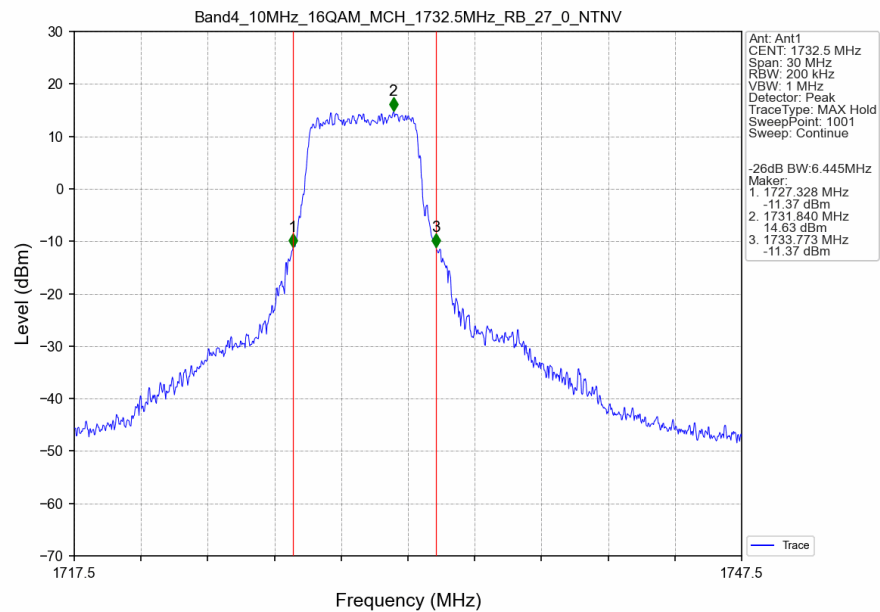
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



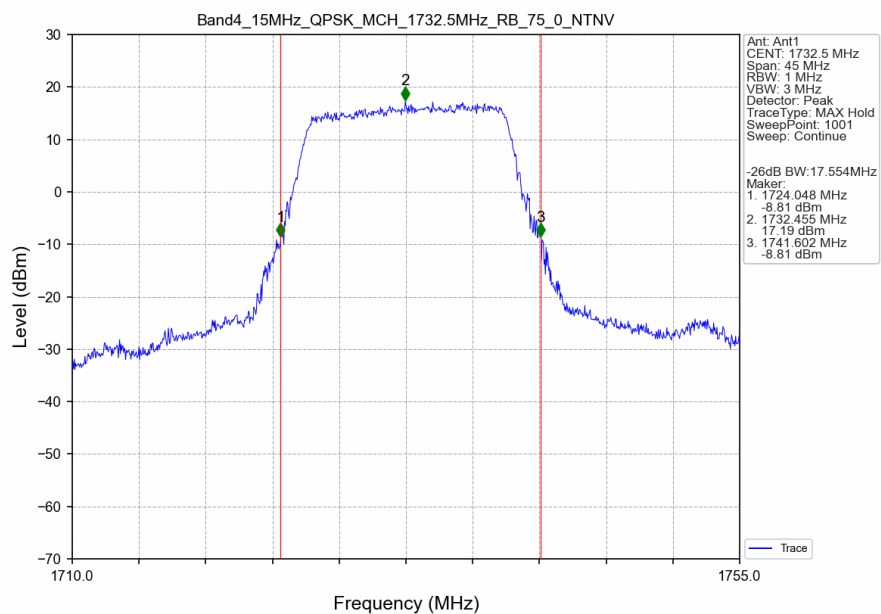
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



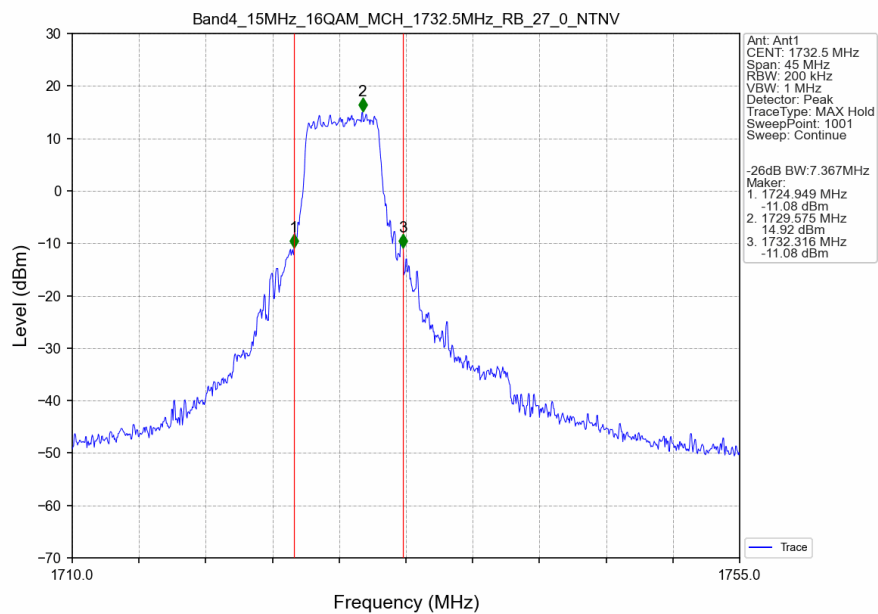
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



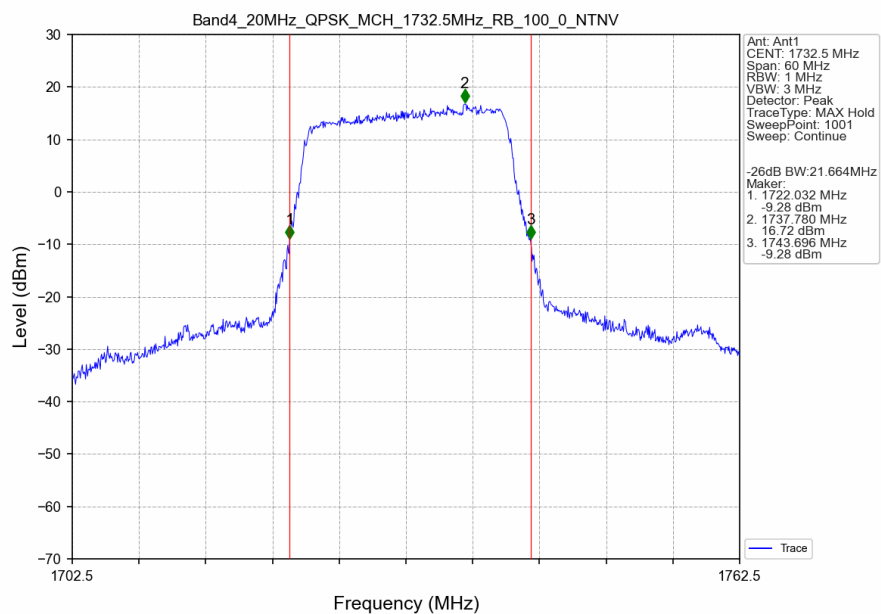
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



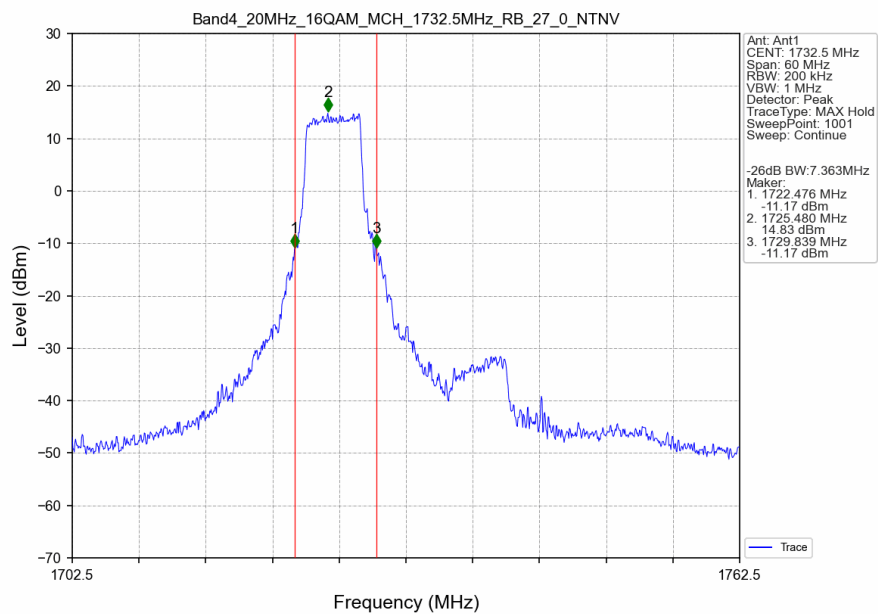
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV





4. Peak-Average Ratio

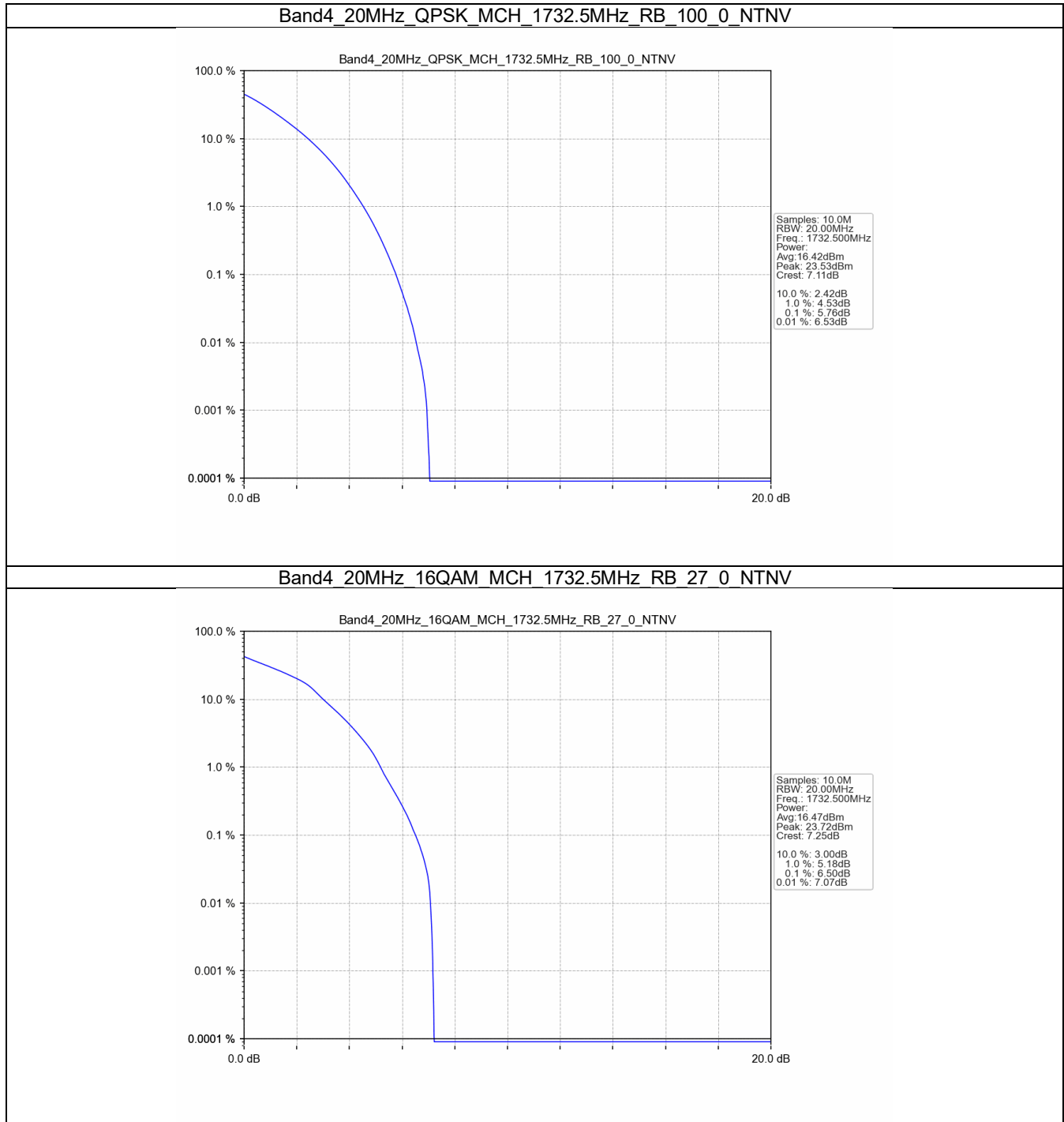
4.1 Test Result

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	5.76	<=13	Pass
16QAM	1732.5	27	0	6.50	<=13	Pass

4.2 Test Graph

4.2.1 B4_20MHz



5. Spurious Emission

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTV						
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 / NTV						
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	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

5.1.5 B4_15MHz

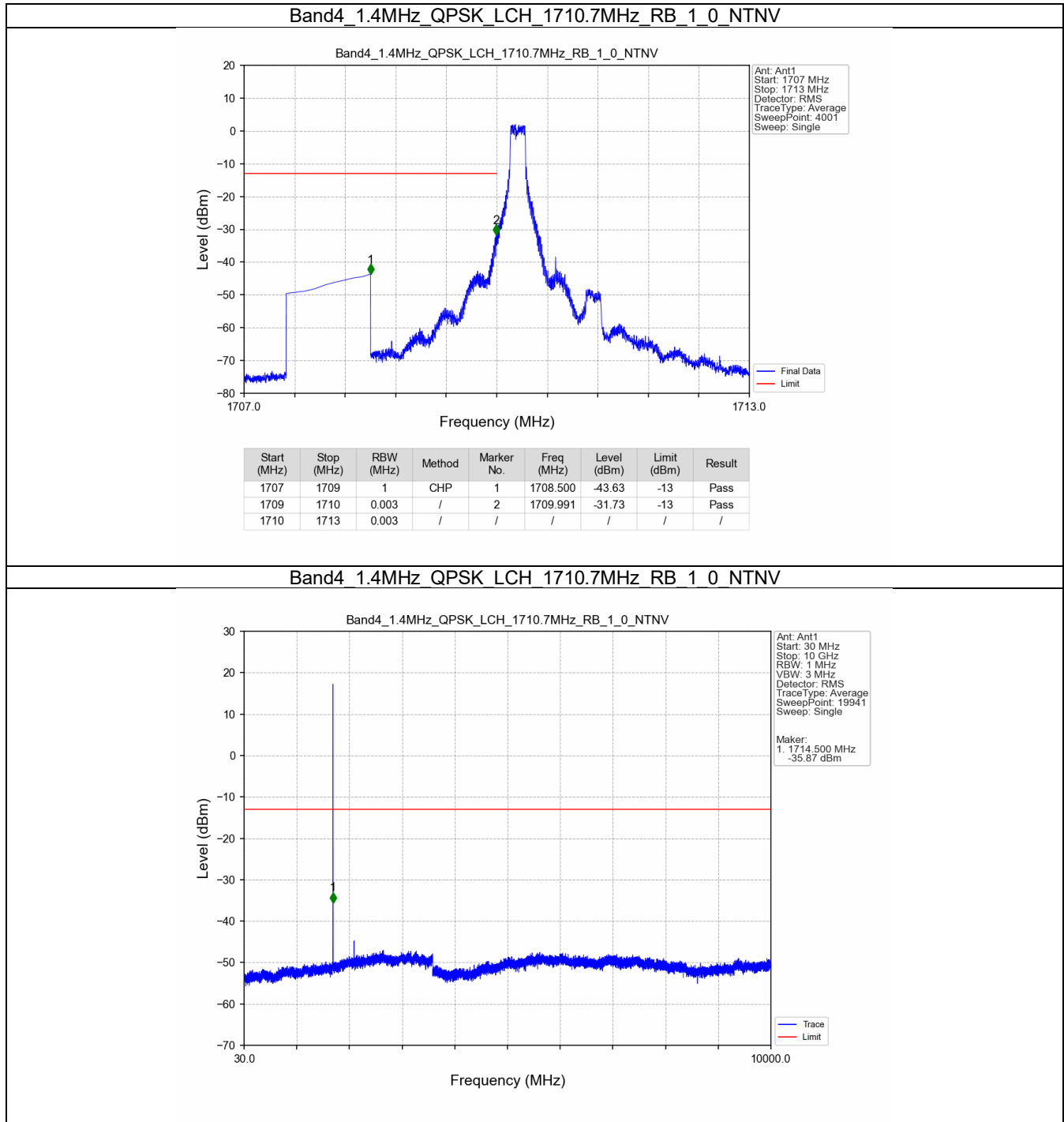
Band: 4 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1717.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1747.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass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

5.1.6 B4_20MHz

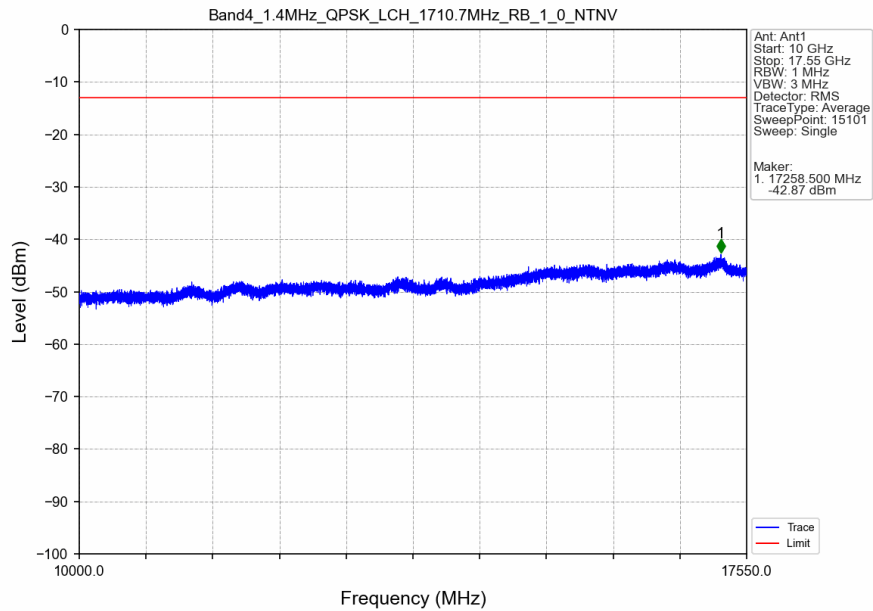
Band: 4 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1720	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass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

5.2 Test Graph

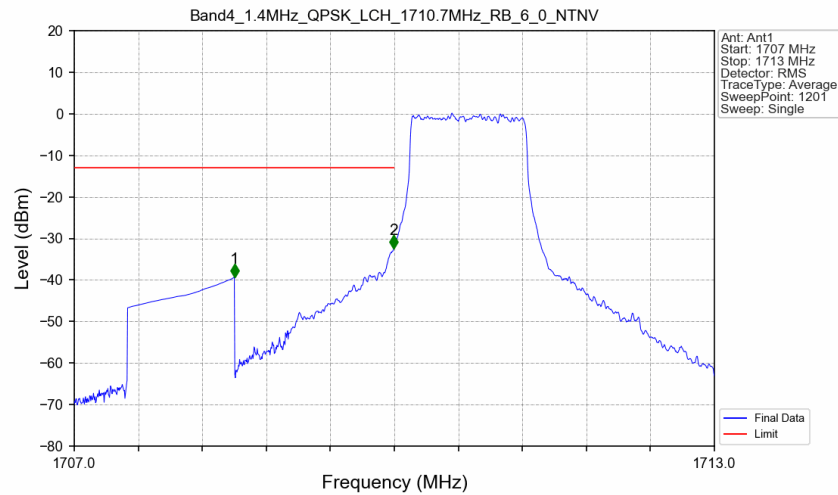
5.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

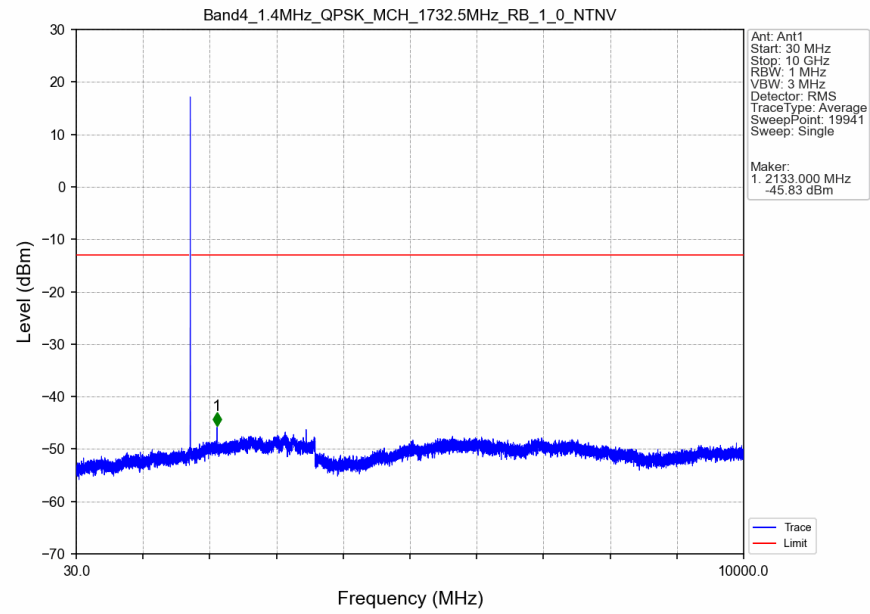


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

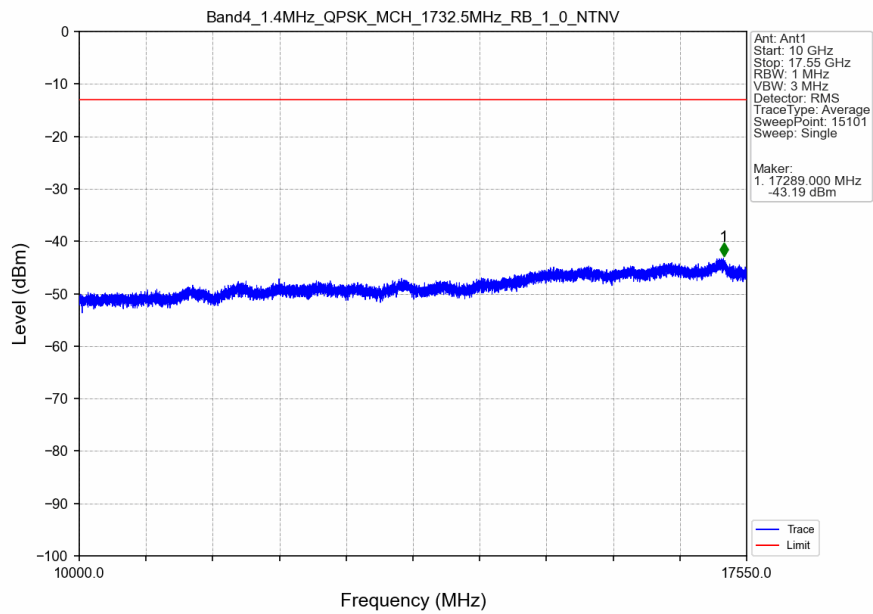


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-39.33	-13	Pass
1709	1710	0.015	CHP	2	1709.995	-32.42	-13	Pass
1710	1713	0.015	CHP	/	/	/	/	/

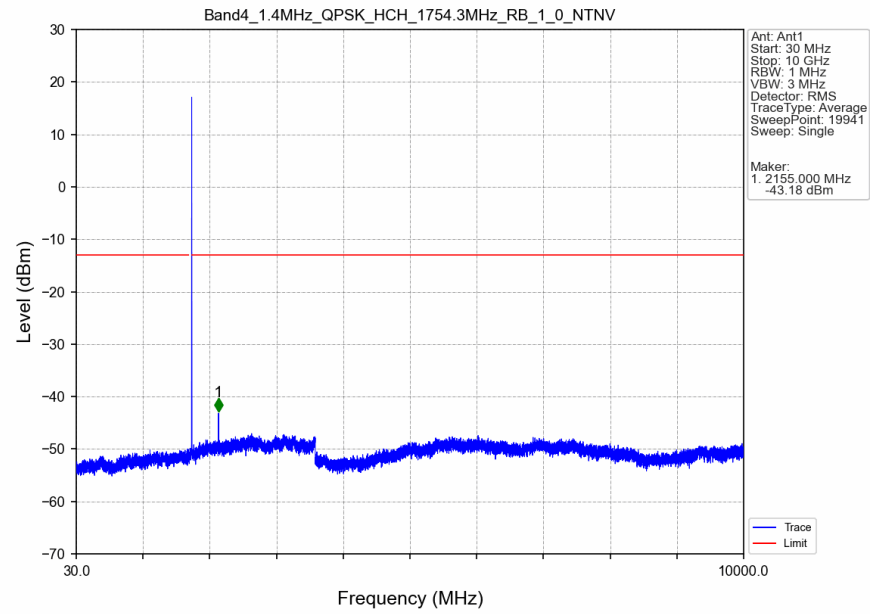
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



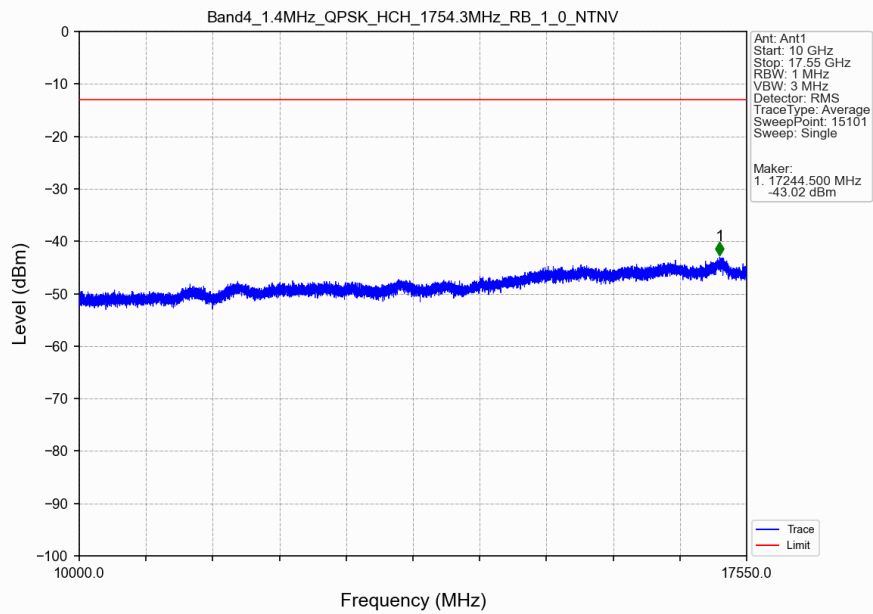
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



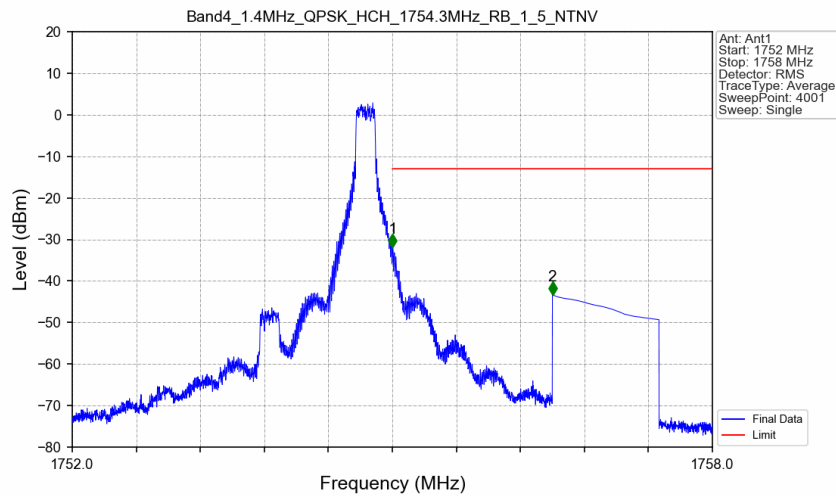
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



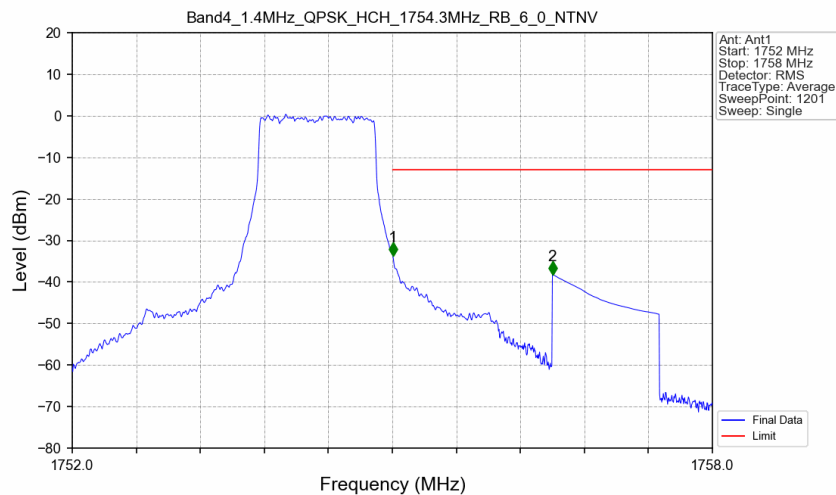
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV

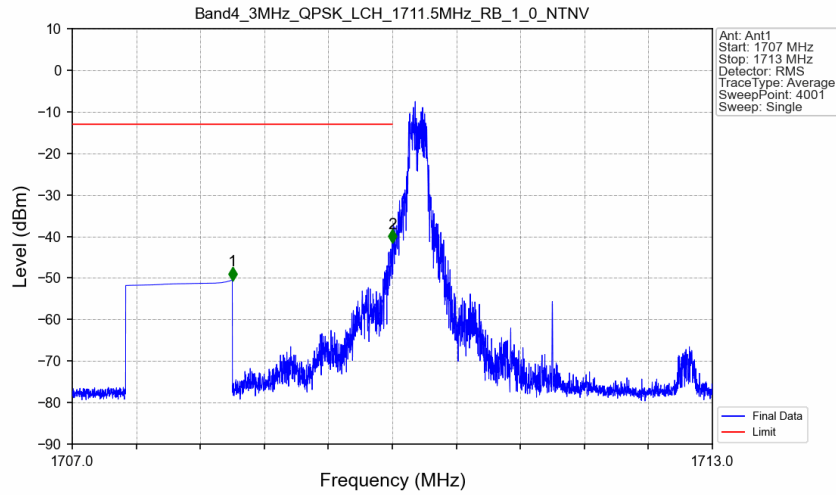


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

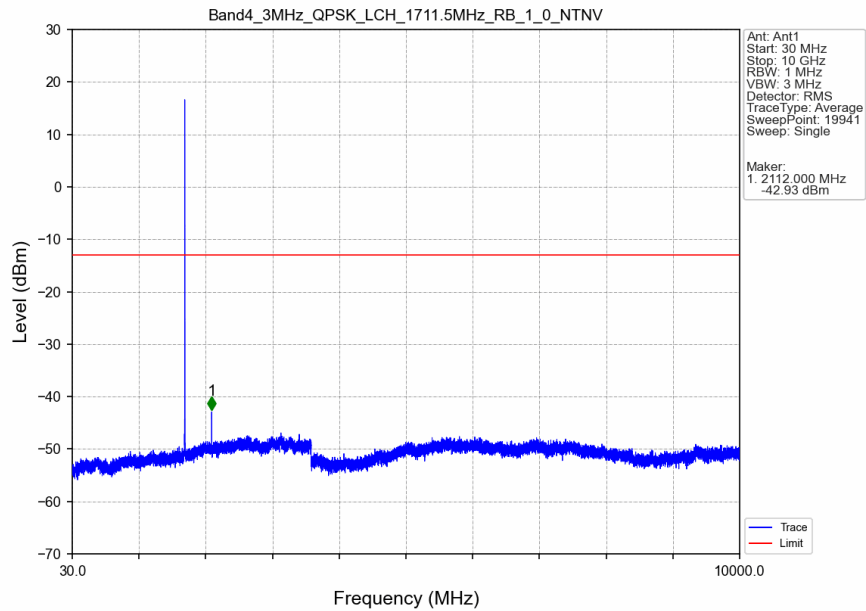


5.2.2 B4_3MHz

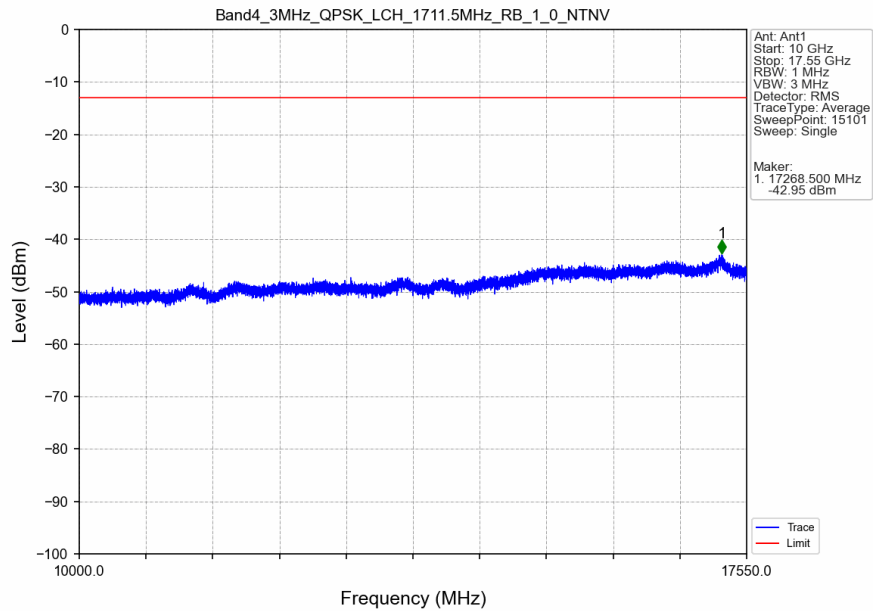
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



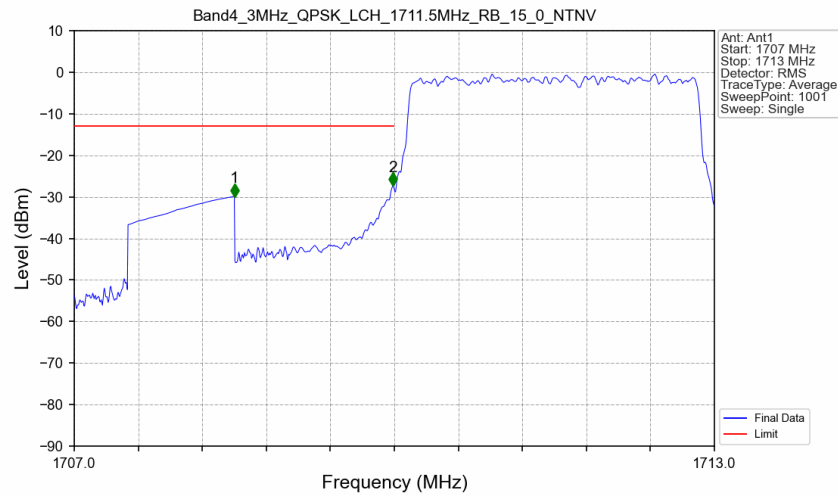
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

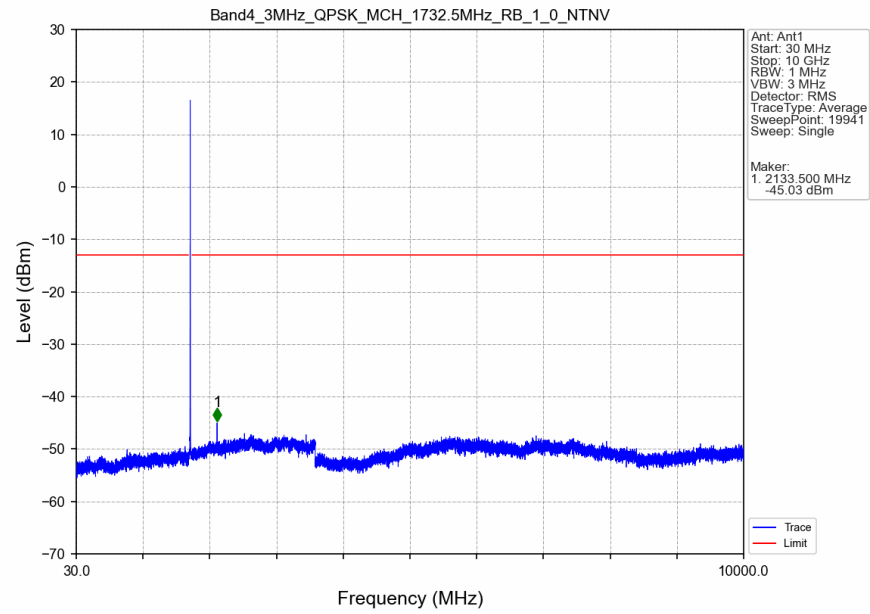


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

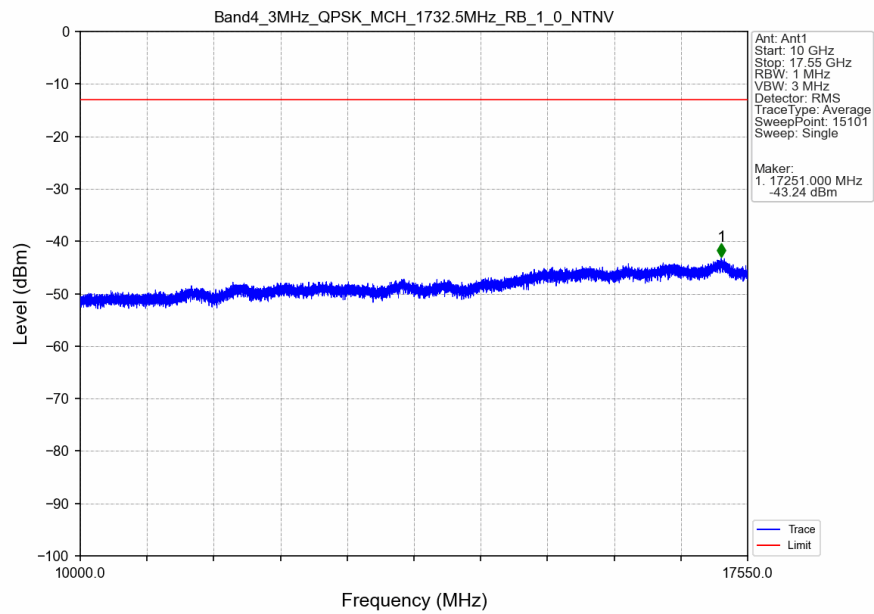


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-29.93	-13	Pass
1709	1710	0.032	CHP	2	1709.988	-27.35	-13	Pass
1710	1713	0.032	CHP	/	/	/	/	/

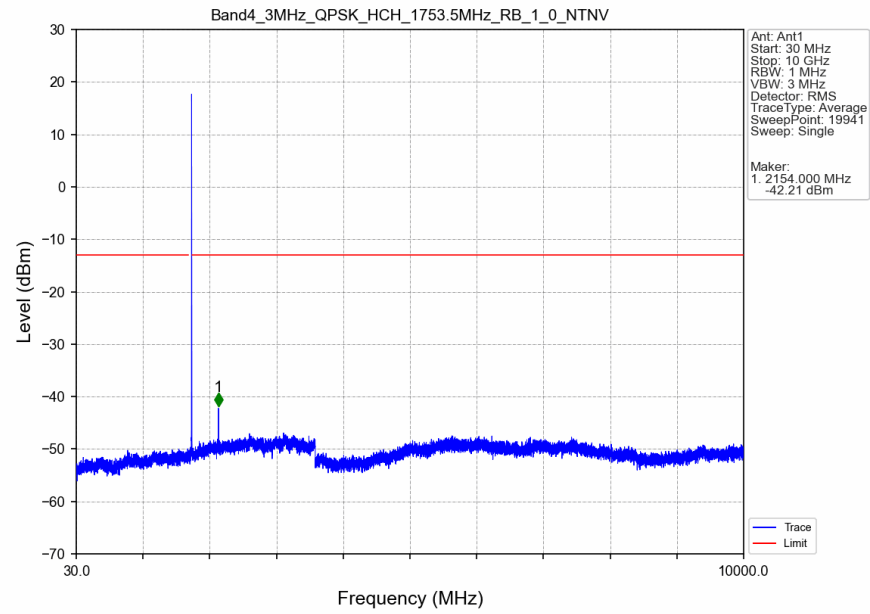
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



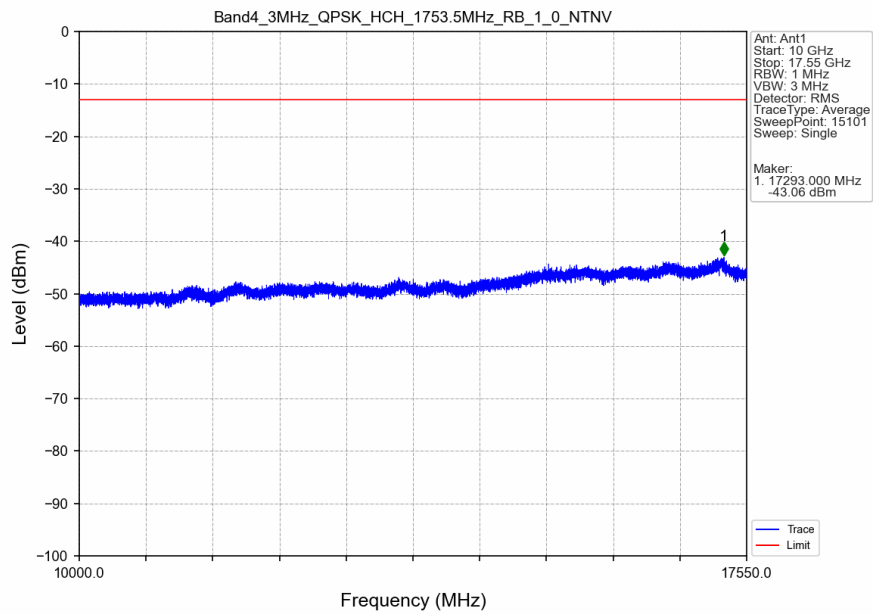
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



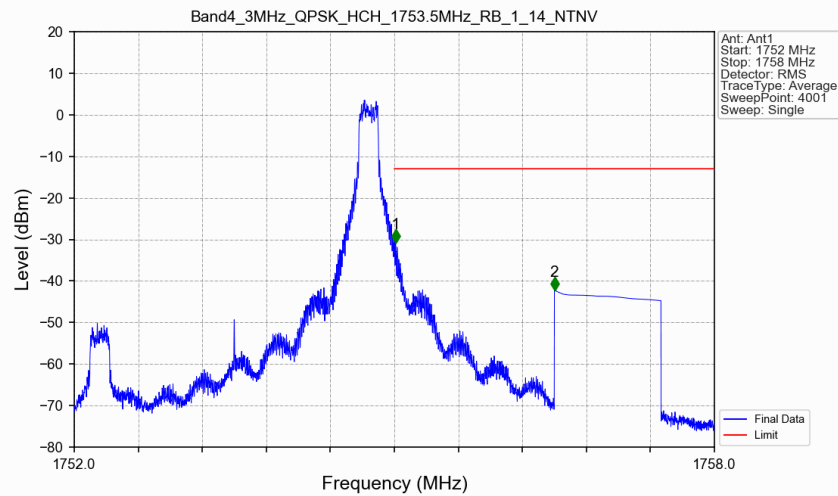
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



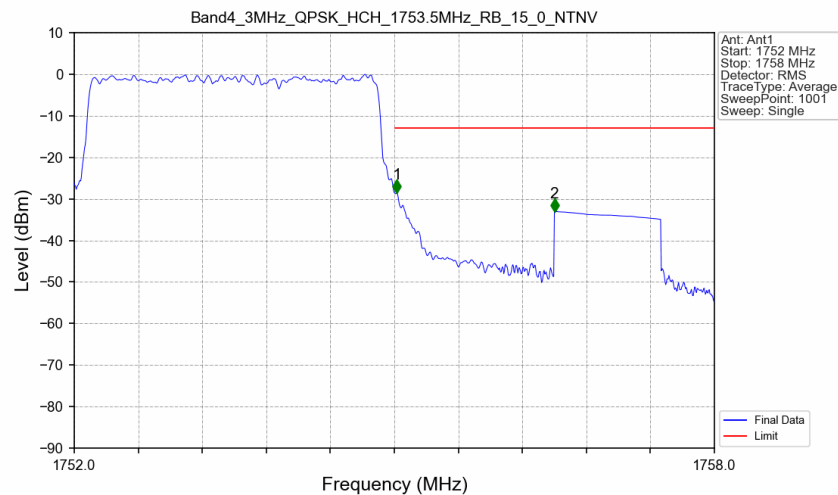
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



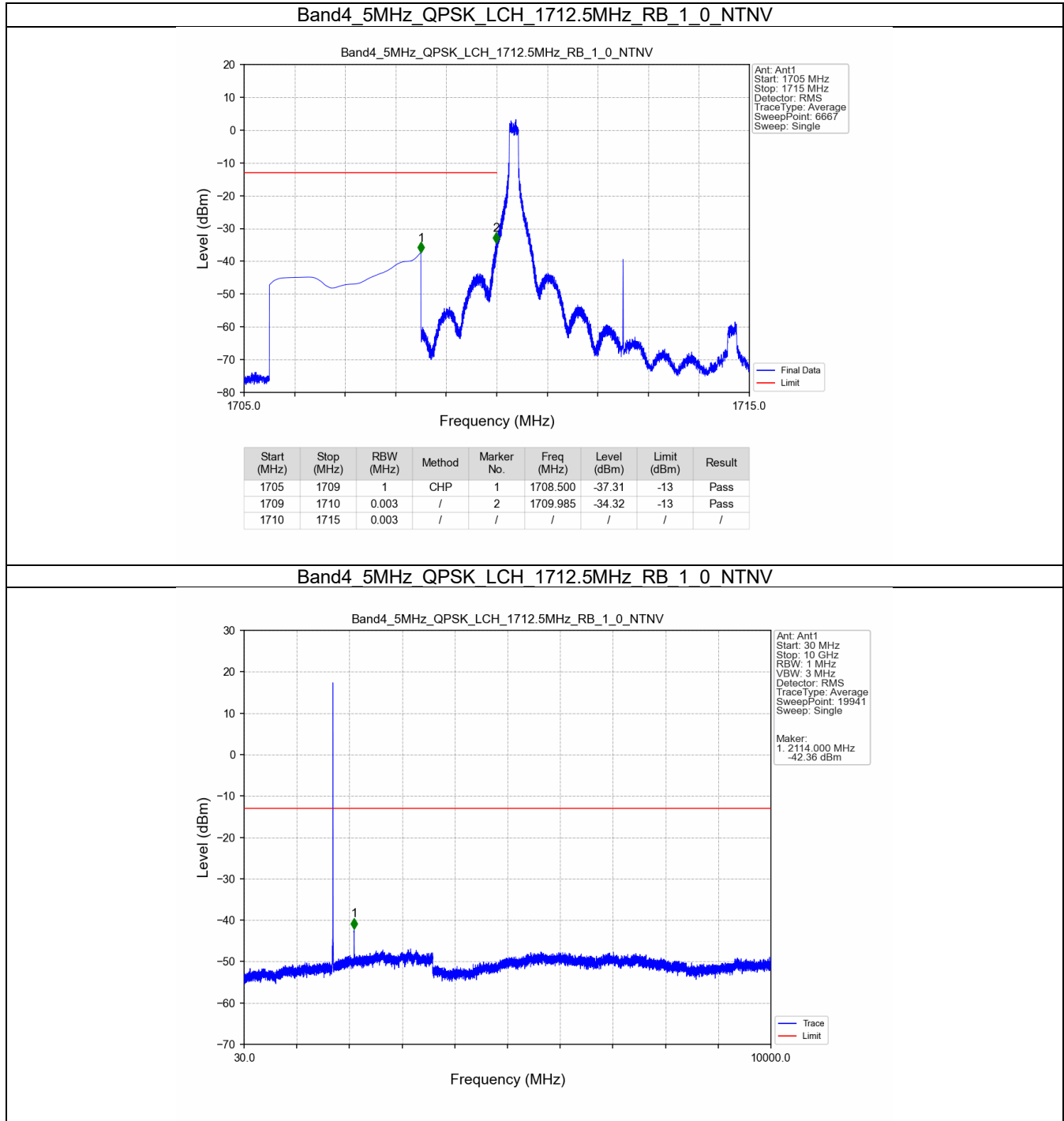
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



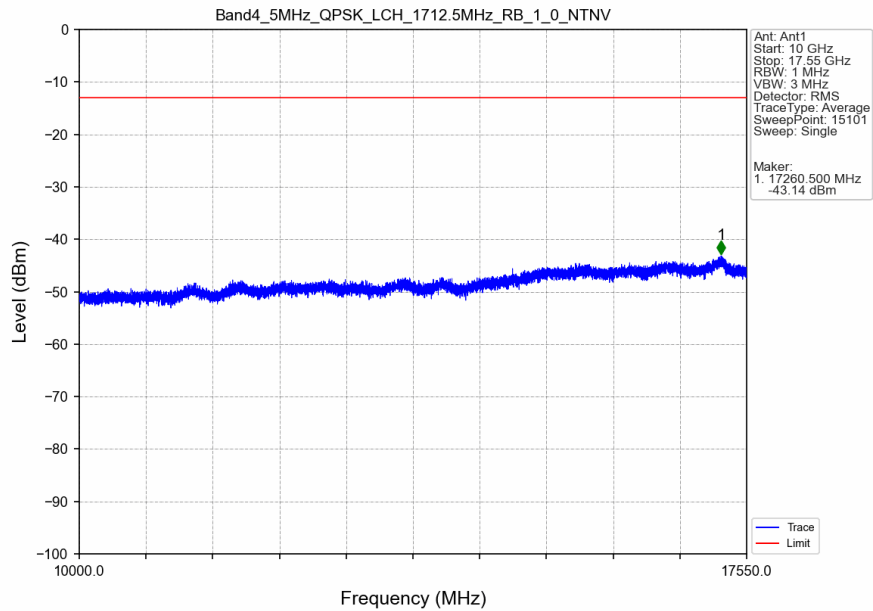
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



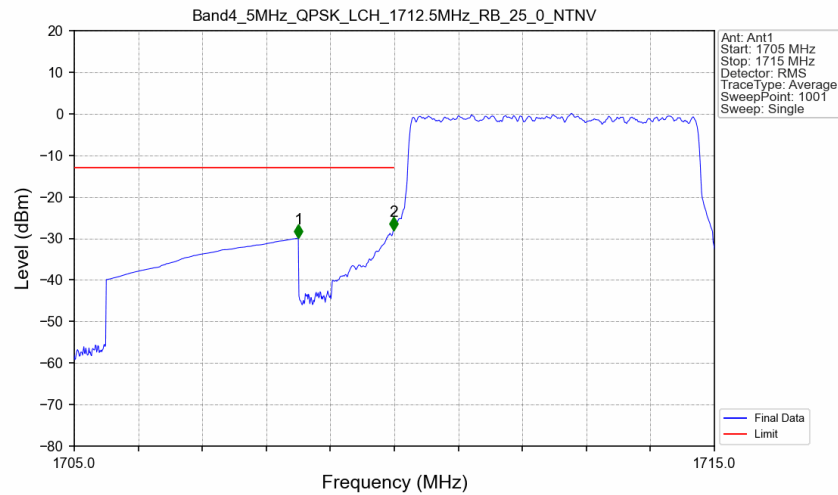
5.2.3 B4_5MHz



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

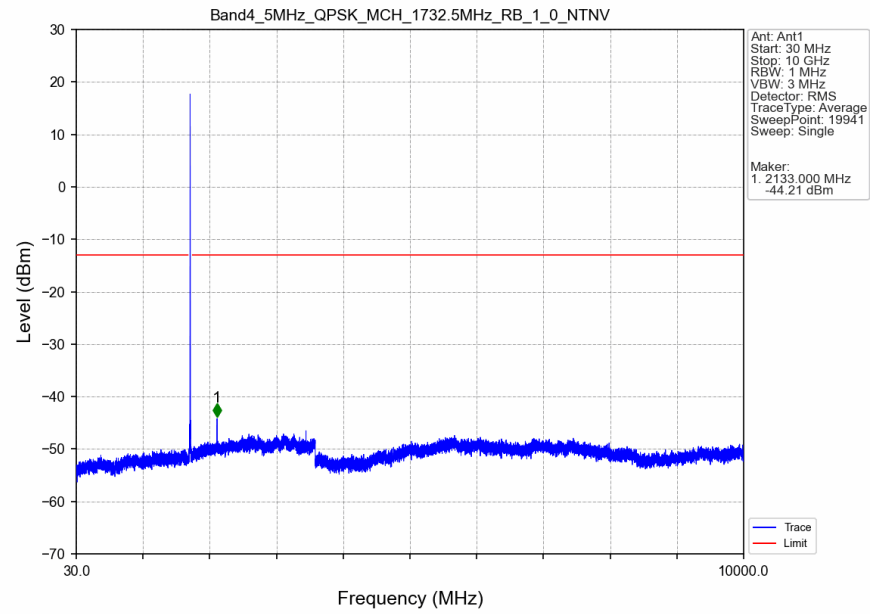


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

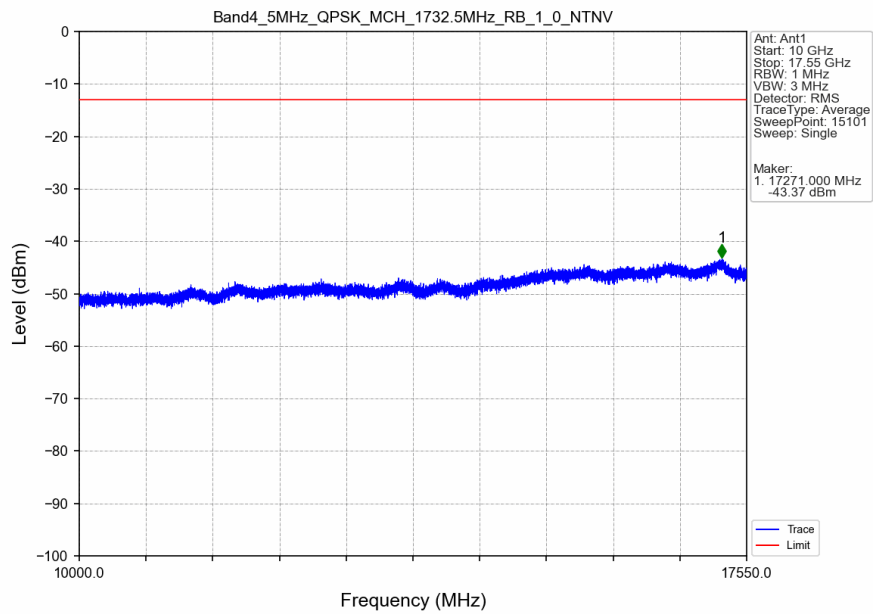


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-29.92	-13	Pass
1709	1710	0.058	CHP	2	1709.990	-28.08	-13	Pass
1710	1715	0.058	CHP	/	/	/	/	/

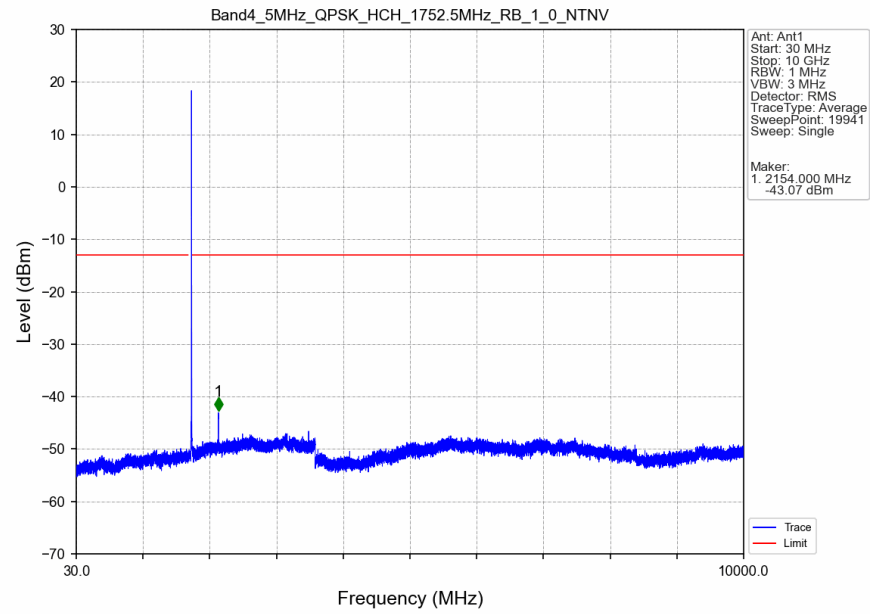
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



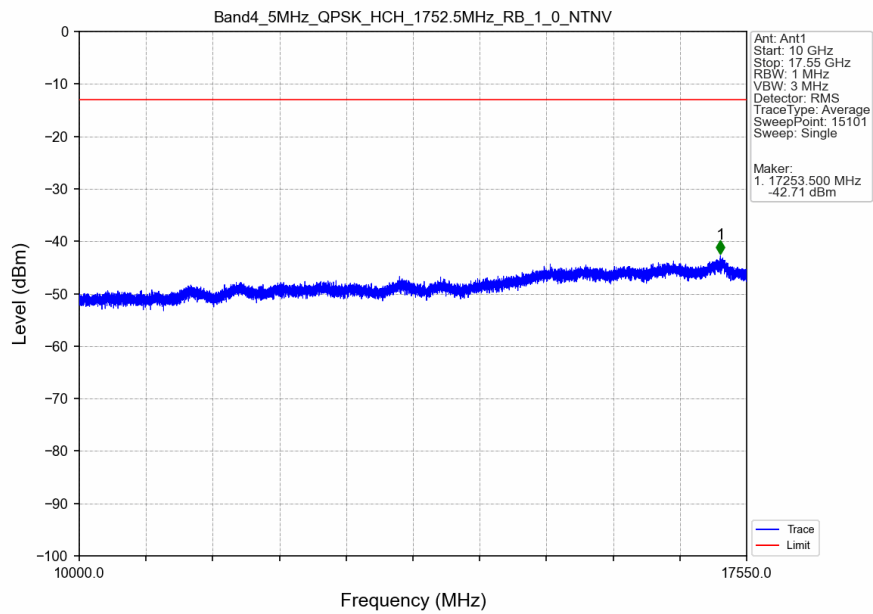
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



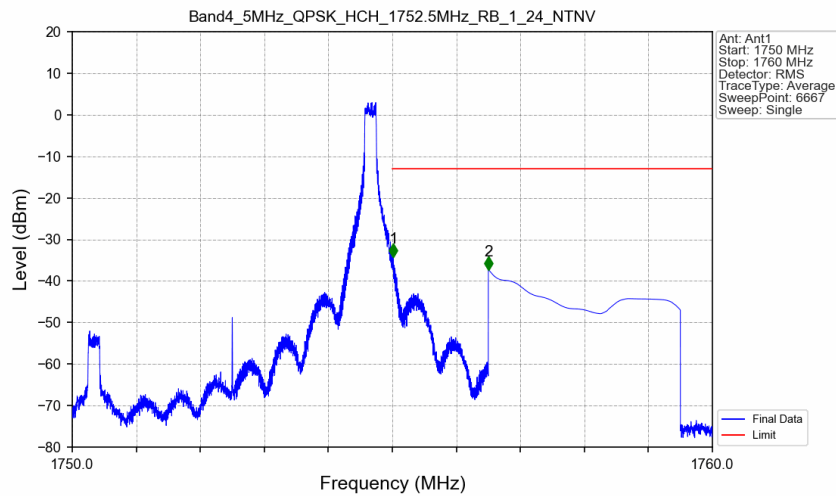
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



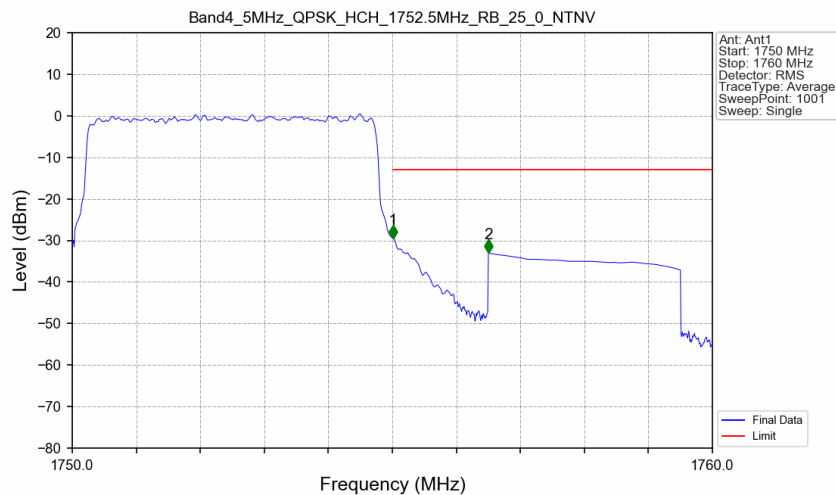
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



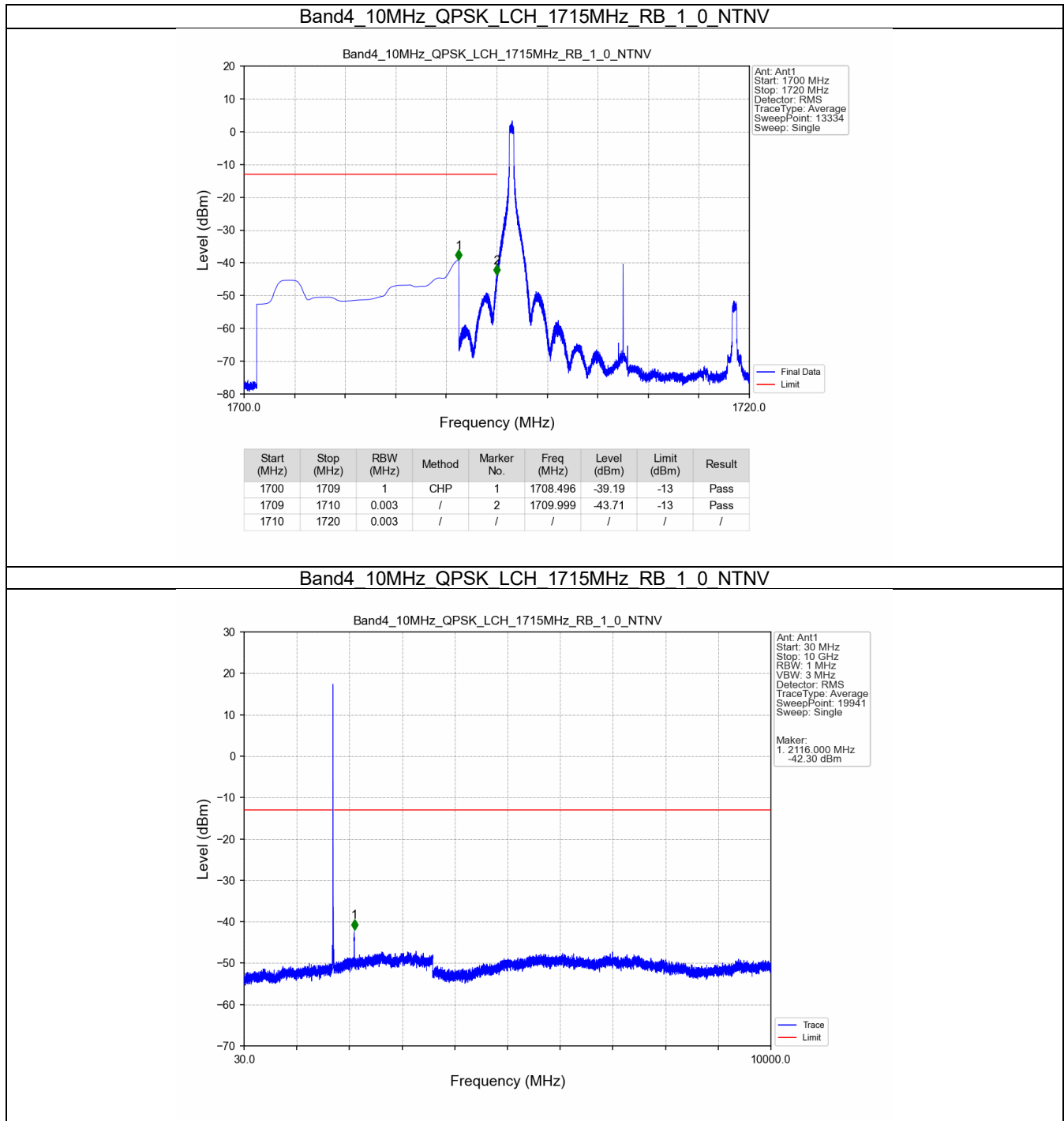
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



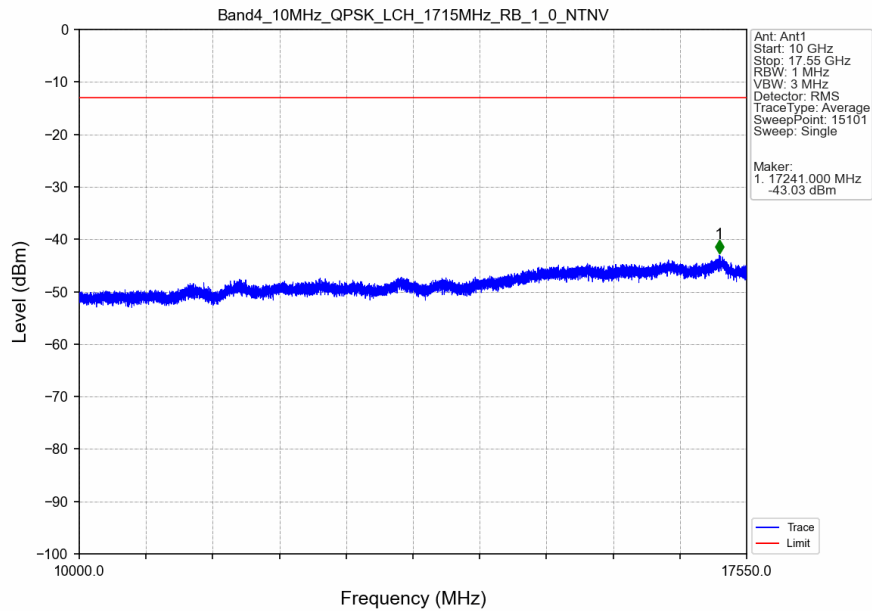
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



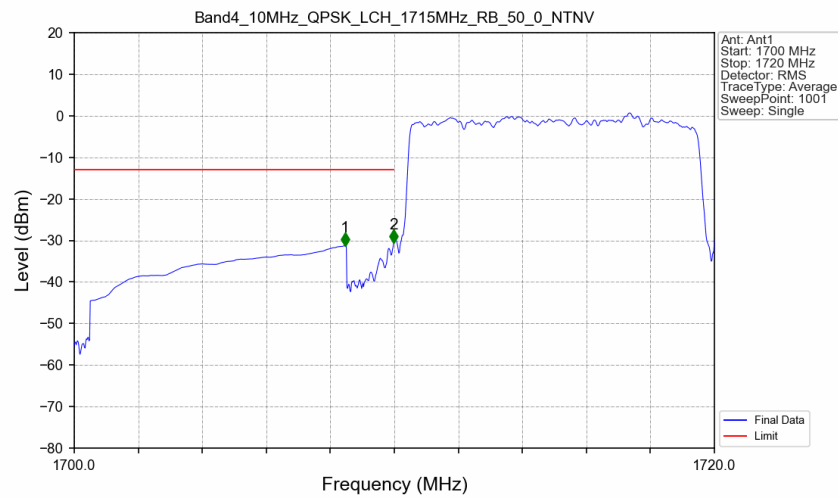
5.2.4 B4_10MHz



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

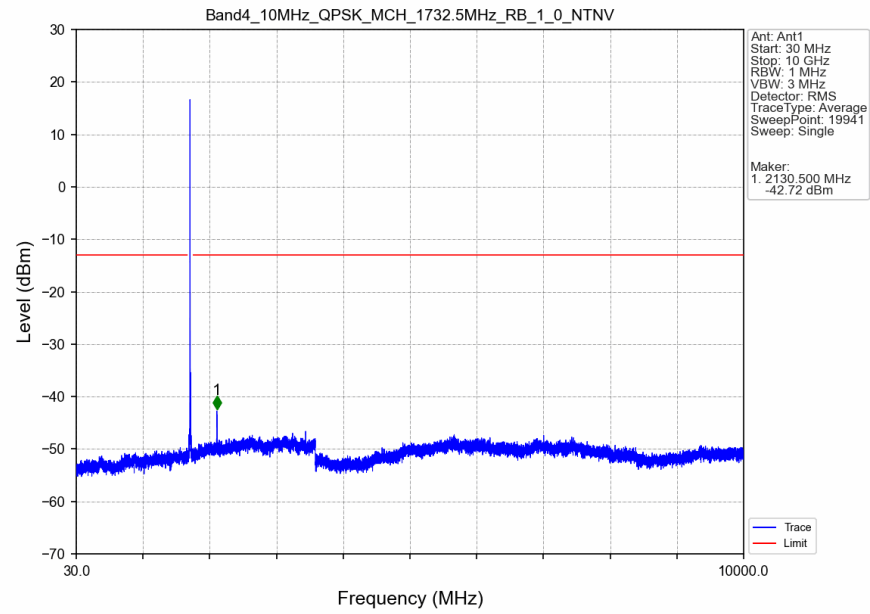


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

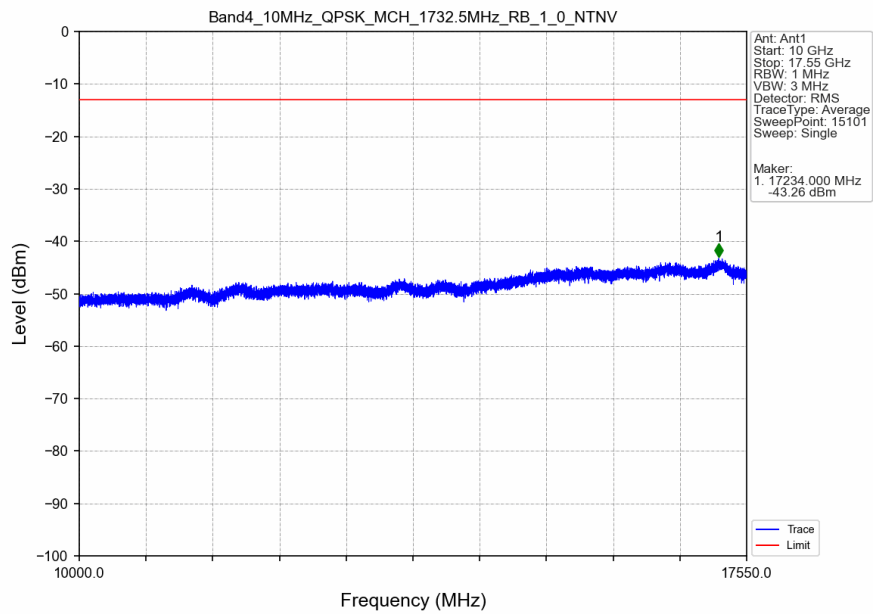


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.460	-31.28	-13	Pass
1709	1710	0.105	CHP	2	1709.980	-30.52	-13	Pass
1710	1720	0.105	CHP	/	/	/	/	/

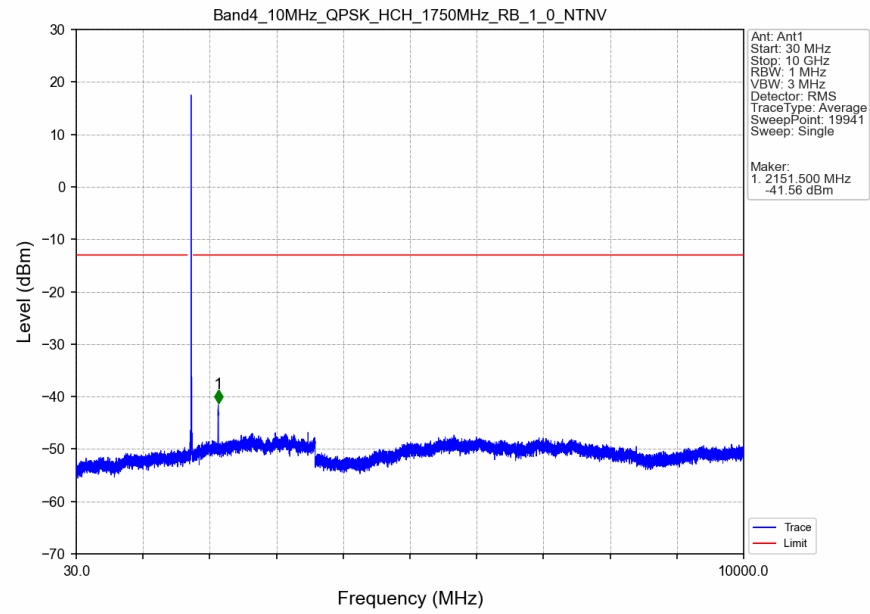
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



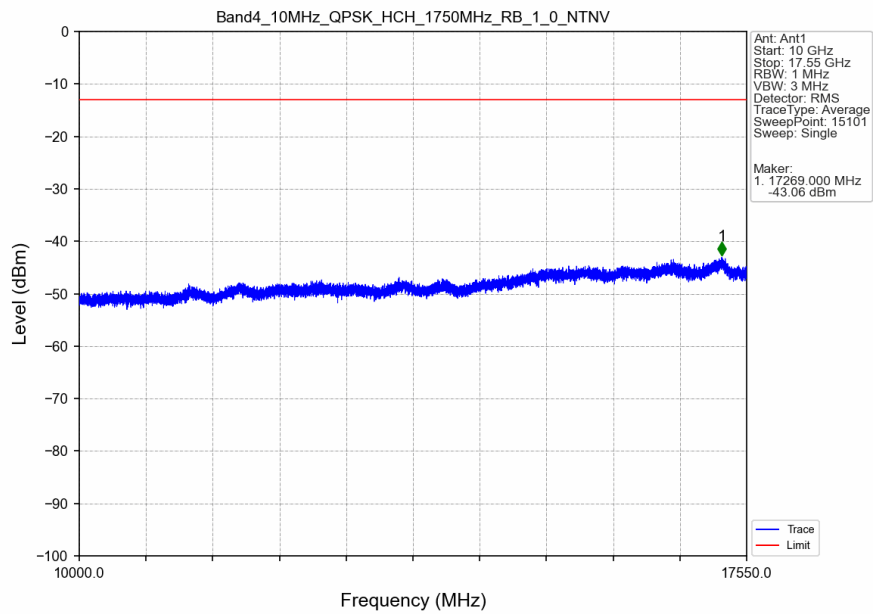
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



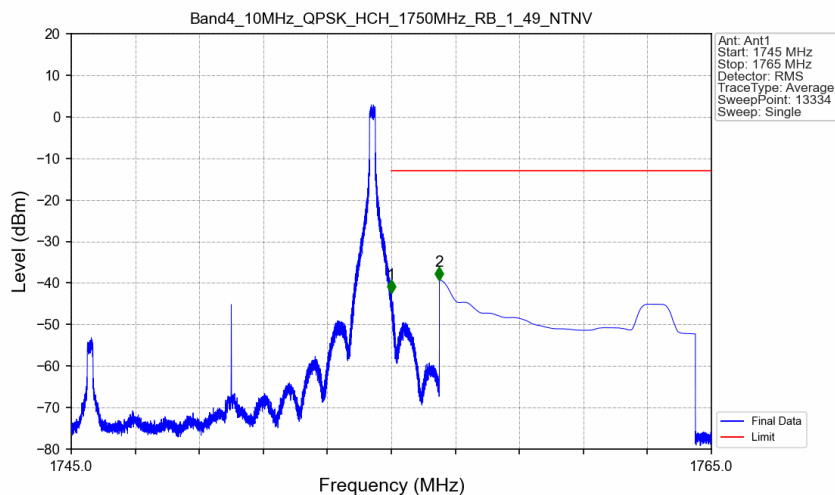
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

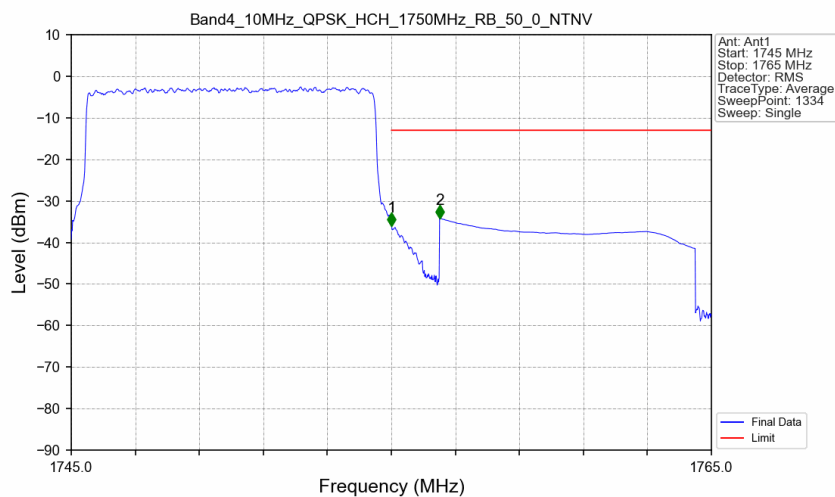


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



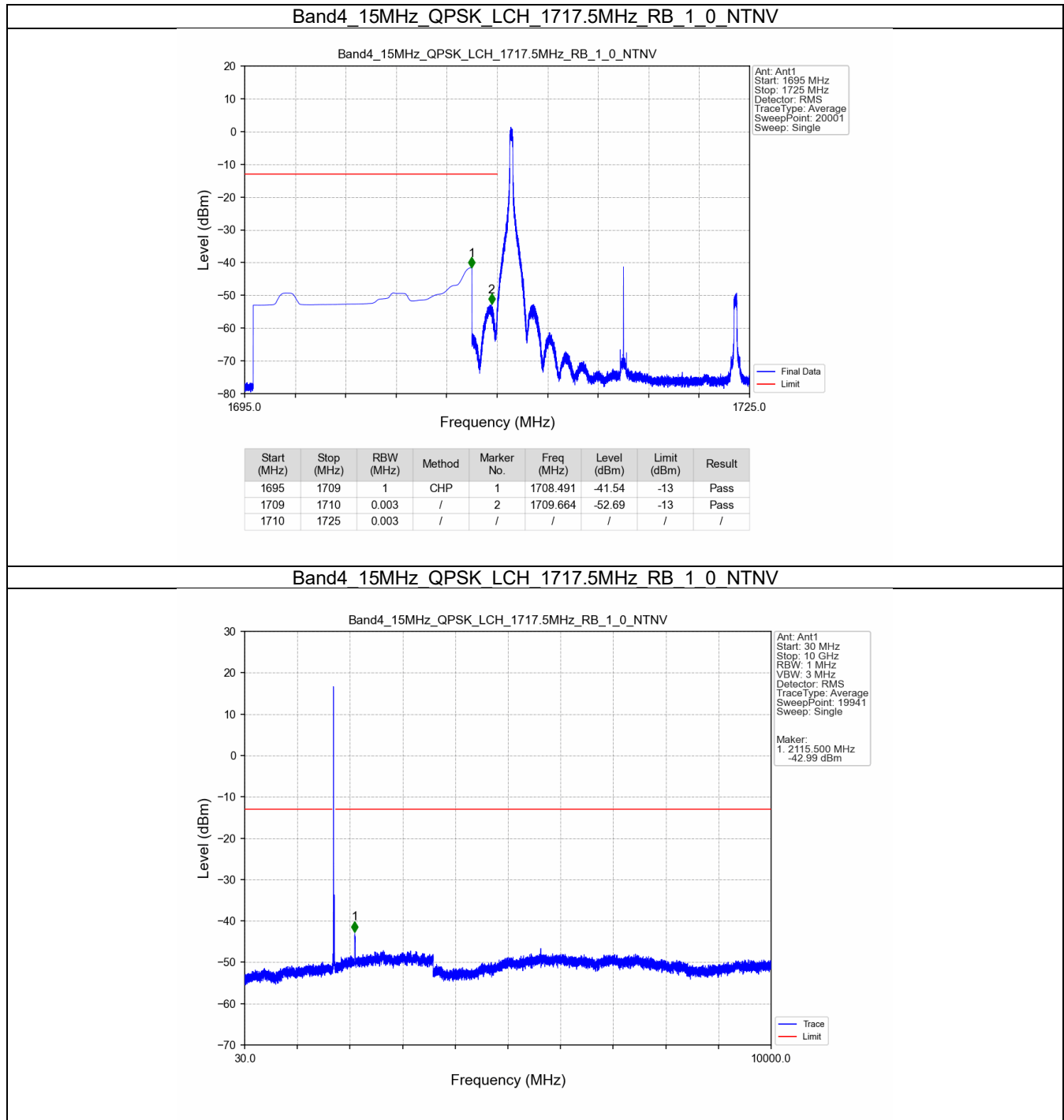
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-42.43	-13	Pass
1756	1765	1	CHP	2	1756.501	-39.26	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

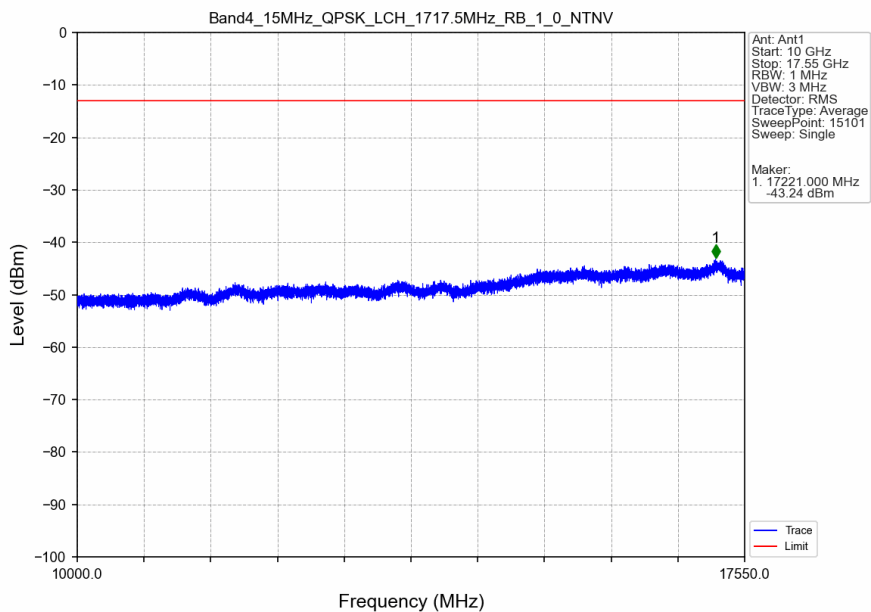


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.064	CHP	/	/	/	/	/
1755	1756	0.064	CHP	1	1755.008	-35.98	-13	Pass
1756	1765	1	CHP	2	1756.508	-34.17	-13	Pass

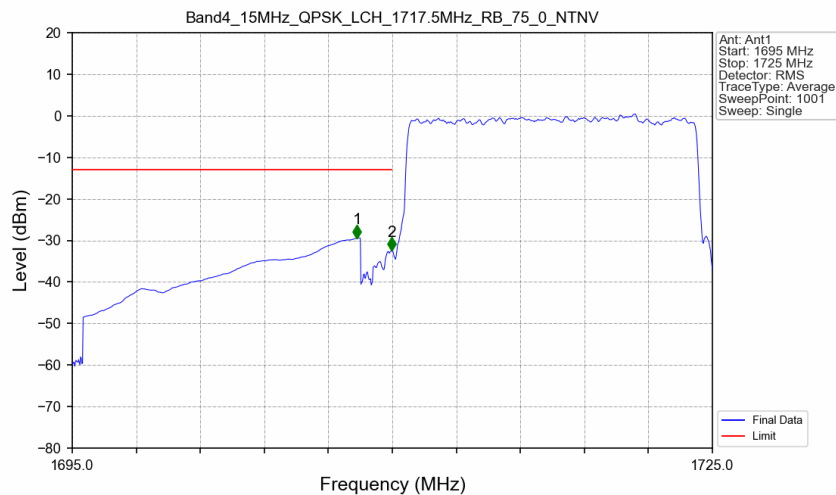
5.2.5 B4_15MHz



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

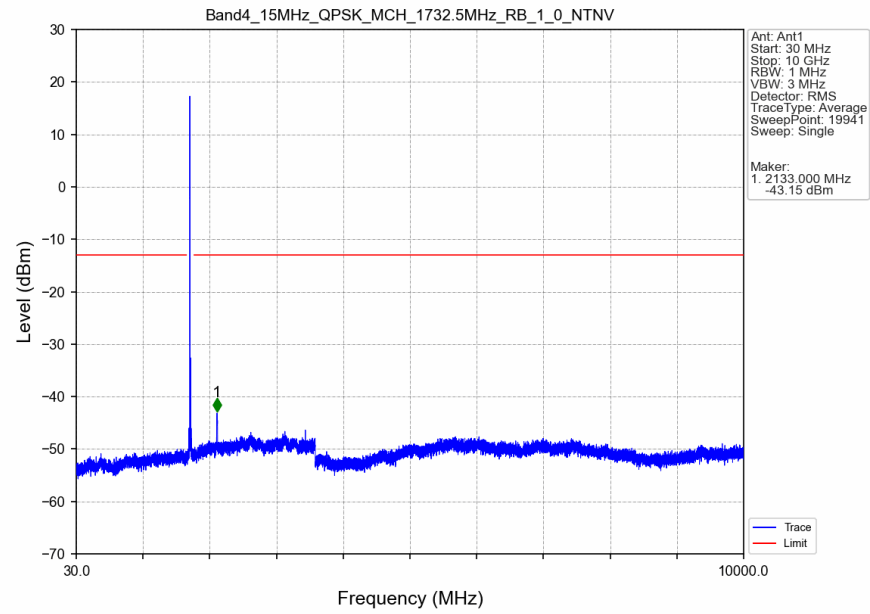


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

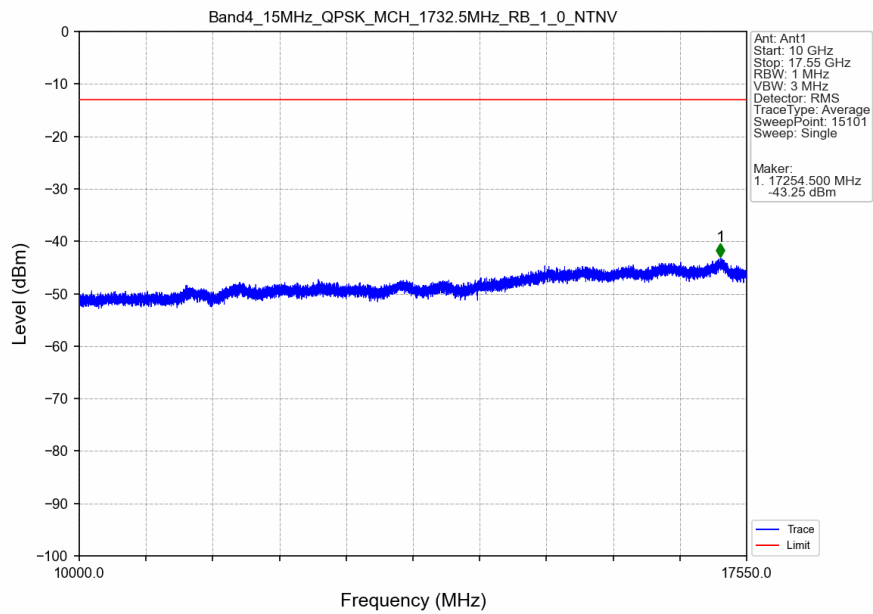


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.350	-29.40	-13	Pass
1709	1710	0.176	CHP	2	1709.970	-32.35	-13	Pass
1710	1725	0.176	CHP	/	/	/	/	/

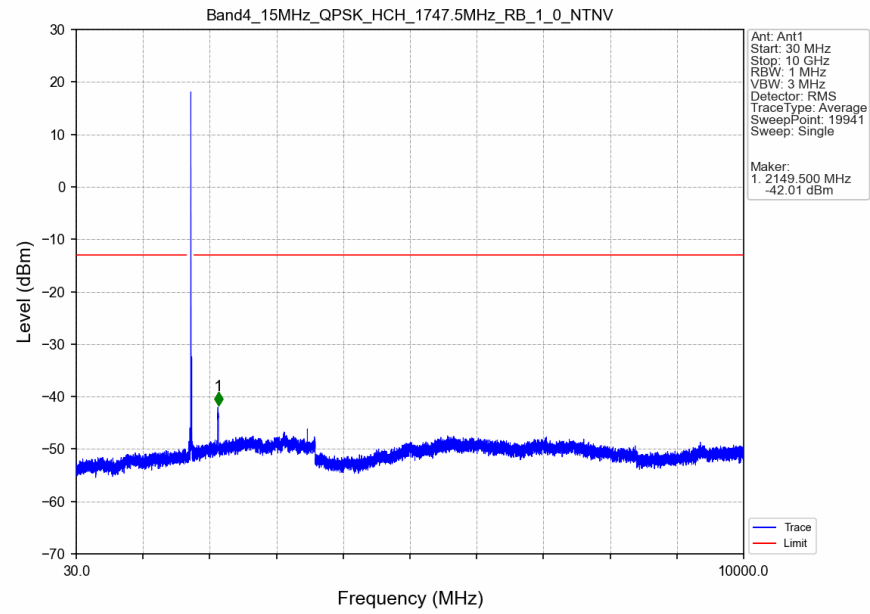
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



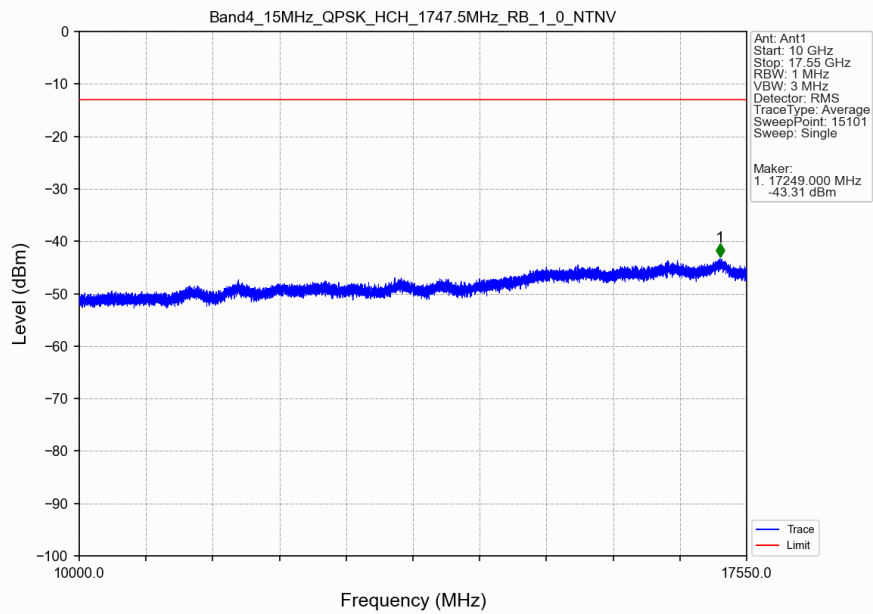
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



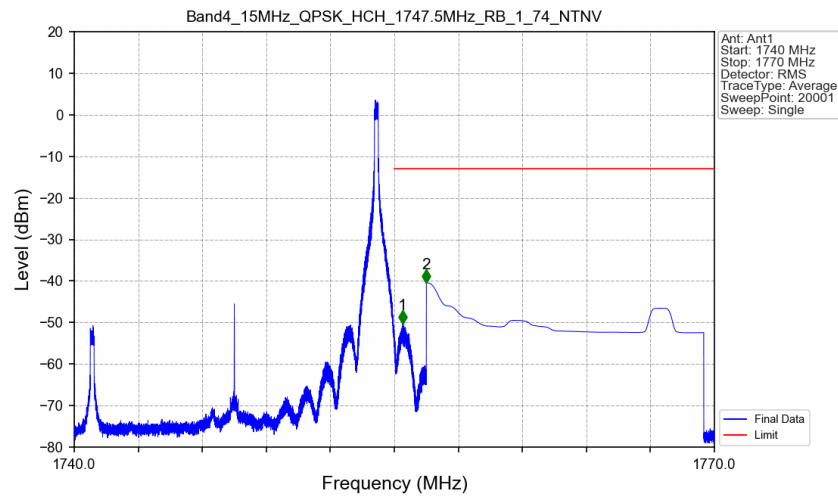
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



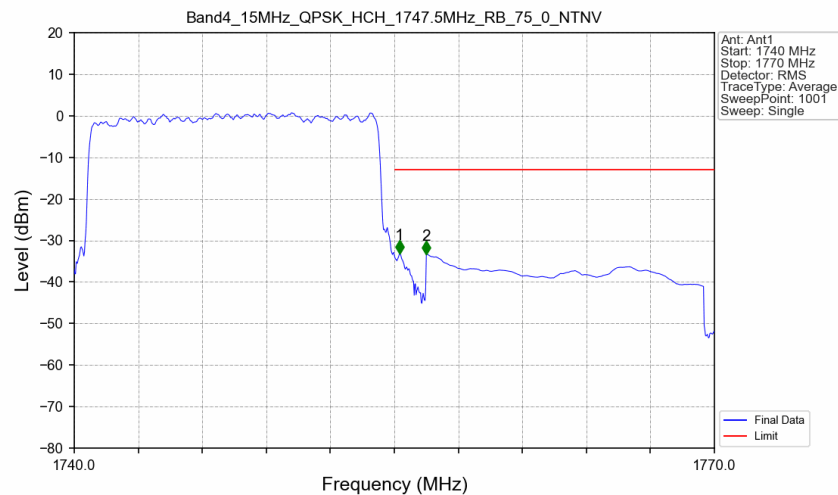
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



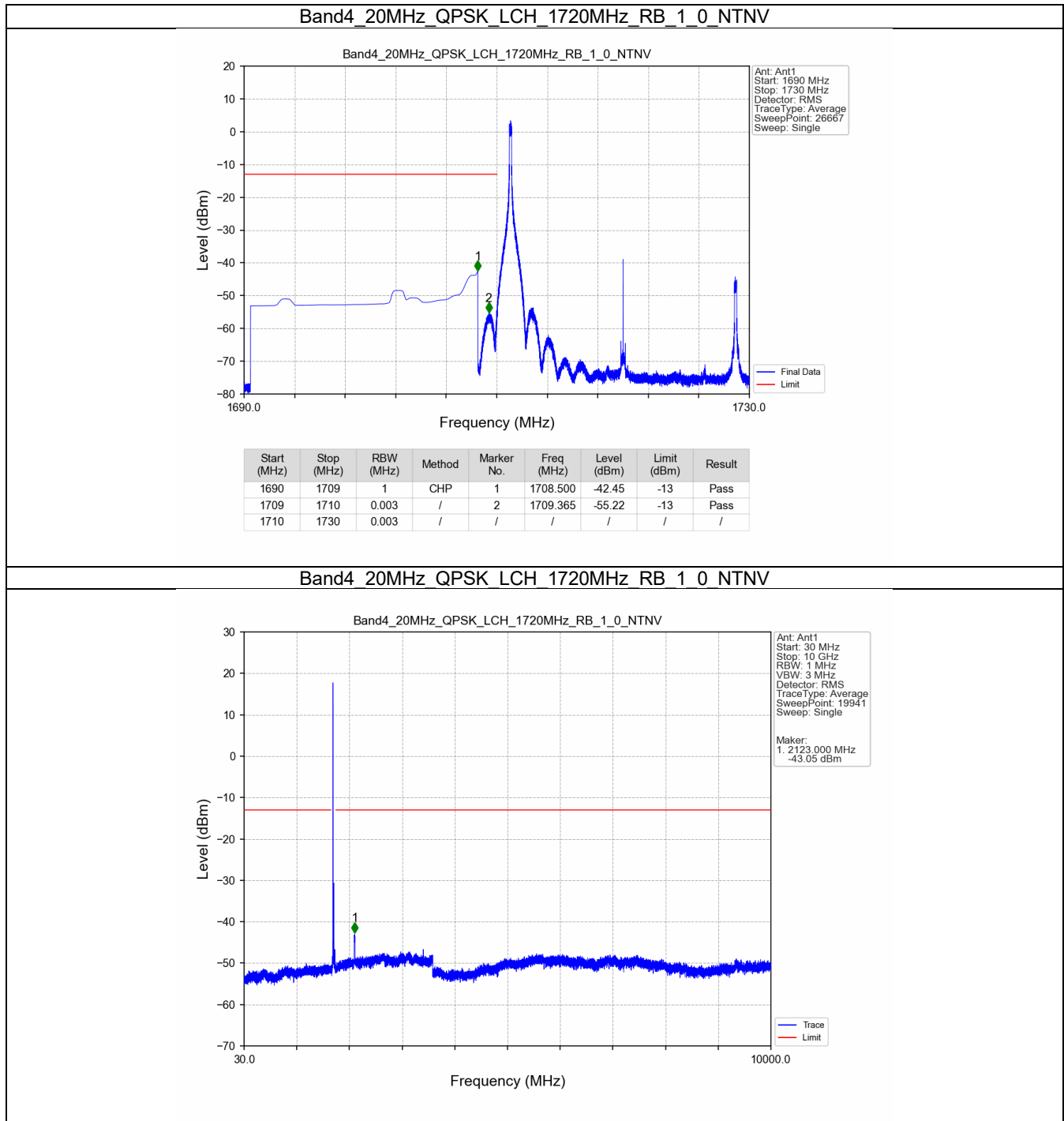
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



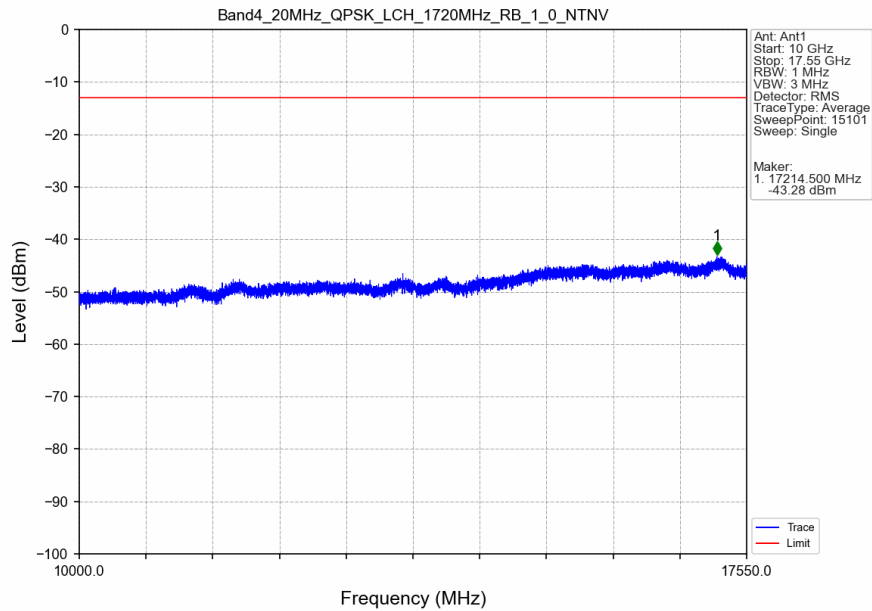
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



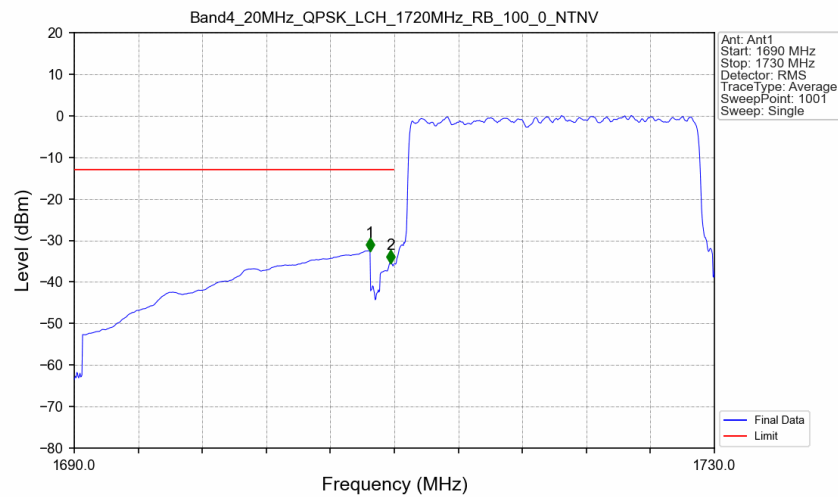
5.2.6 B4_20MHz



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

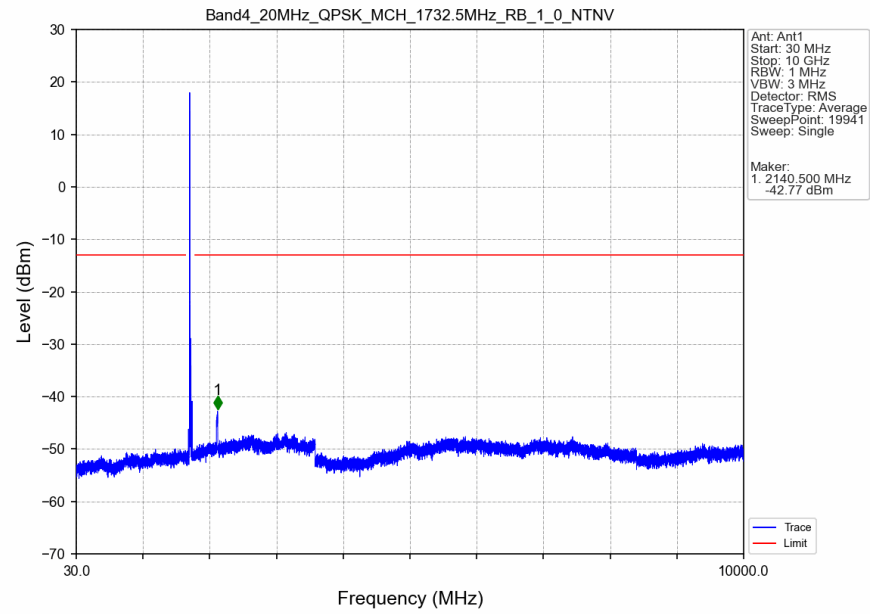


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

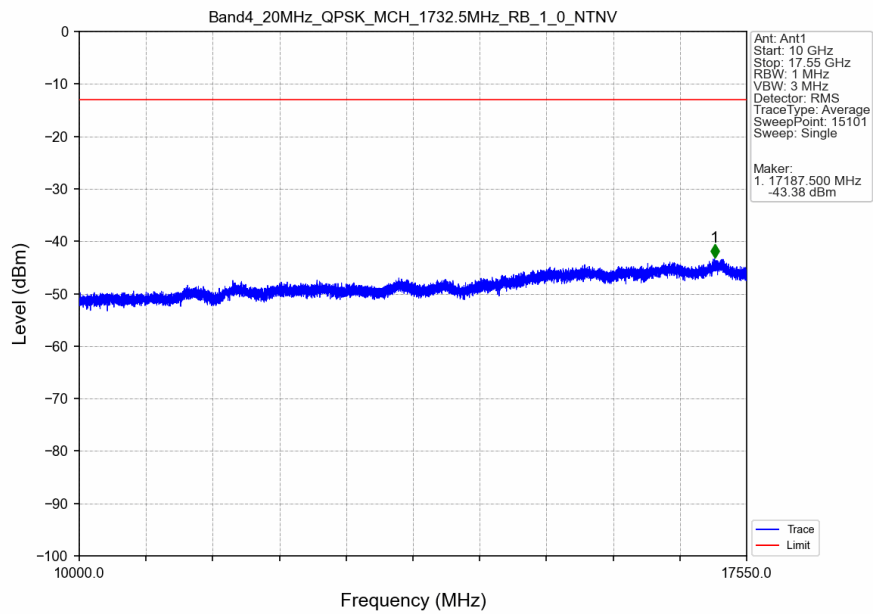


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-32.50	-13	Pass
1709	1710	0.217	CHP	2	1709.760	-35.45	-13	Pass
1710	1730	0.217	CHP	/	/	/	/	/

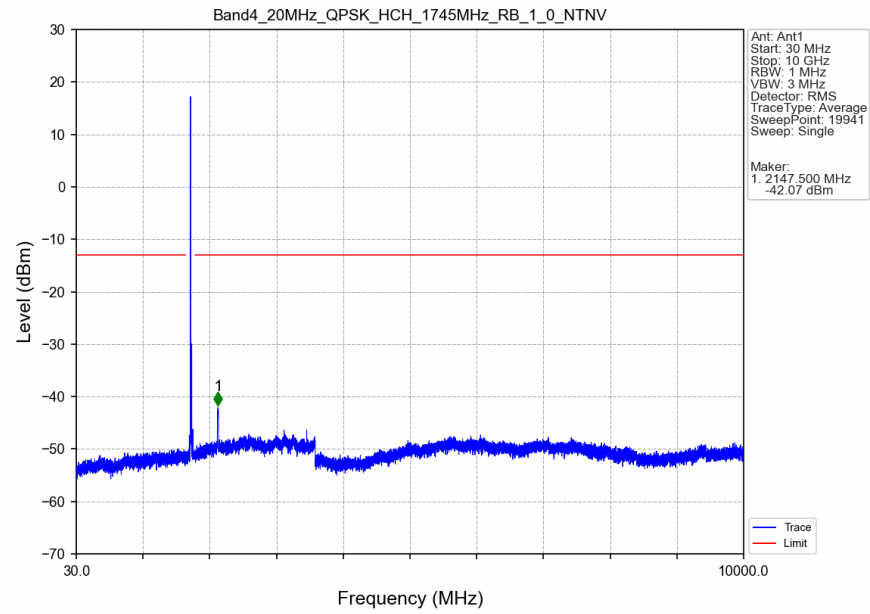
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



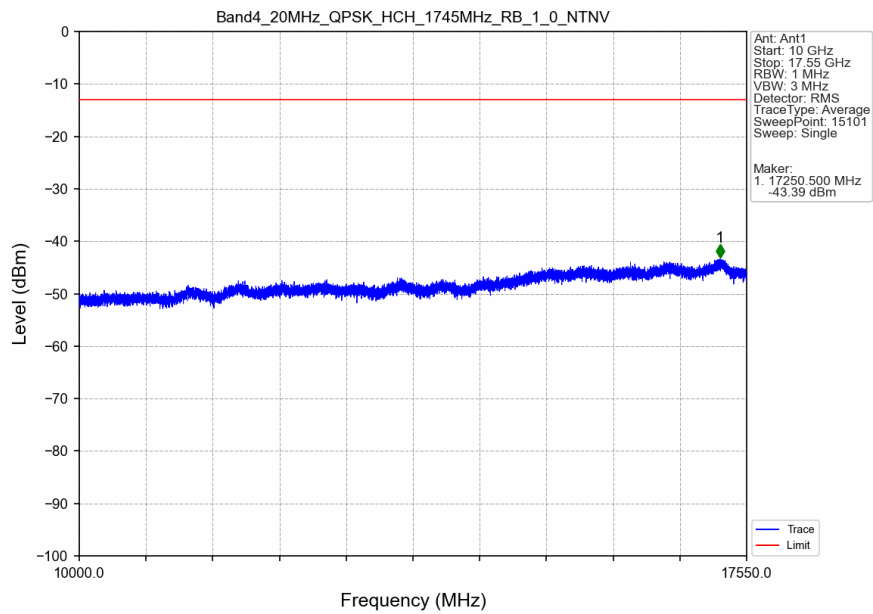
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



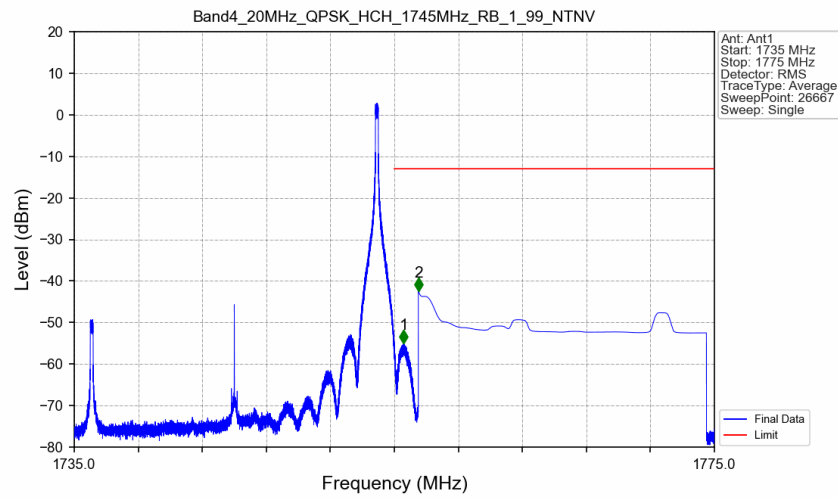
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



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

