

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	22.76	1.57	24.33	<=30	Pass
			2	22.79	1.57	24.36	<=30	Pass
			5	22.71	1.57	24.28	<=30	Pass
		3	0	22.85	1.57	24.42	<=30	Pass
			2	22.85	1.57	24.42	<=30	Pass
			3	22.85	1.57	24.42	<=30	Pass
		6	0	21.70	1.57	23.27	<=30	Pass
	1732.5	1	0	22.85	1.57	24.42	<=30	Pass
			2	22.75	1.57	24.32	<=30	Pass
			5	22.78	1.57	24.35	<=30	Pass
		3	0	22.83	1.57	24.40	<=30	Pass
			2	22.86	1.57	24.43	<=30	Pass
			3	22.74	1.57	24.31	<=30	Pass
		6	0	21.79	1.57	23.36	<=30	Pass
	1754.3	1	0	22.75	1.57	24.32	<=30	Pass
			2	22.82	1.57	24.39	<=30	Pass
			5	22.76	1.57	24.33	<=30	Pass
		3	0	22.81	1.57	24.38	<=30	Pass
			2	22.89	1.57	24.46	<=30	Pass
			3	22.83	1.57	24.40	<=30	Pass
		6	0	21.78	1.57	23.35	<=30	Pass
16QAM	1710.7	1	0	21.80	1.57	23.37	<=30	Pass
			2	21.96	1.57	23.53	<=30	Pass
			5	21.73	1.57	23.30	<=30	Pass
		3	0	21.96	1.57	23.53	<=30	Pass
			2	22.02	1.57	23.59	<=30	Pass
			3	22.02	1.57	23.59	<=30	Pass
		6	0	20.85	1.57	22.42	<=30	Pass
	1732.5	1	0	22.09	1.57	23.66	<=30	Pass
			2	22.07	1.57	23.64	<=30	Pass
			5	22.05	1.57	23.62	<=30	Pass
		3	0	21.83	1.57	23.40	<=30	Pass
			2	21.89	1.57	23.46	<=30	Pass
			3	21.80	1.57	23.37	<=30	Pass
		6	0	20.81	1.57	22.38	<=30	Pass
	1754.3	1	0	21.78	1.57	23.35	<=30	Pass
			2	21.73	1.57	23.30	<=30	Pass
			5	21.88	1.57	23.45	<=30	Pass
		3	0	21.82	1.57	23.39	<=30	Pass
			2	21.91	1.57	23.48	<=30	Pass
			3	21.79	1.57	23.36	<=30	Pass
		6	0	20.86	1.57	22.43	<=30	Pass
64QAM	1710.7	1	0	21.14	1.57	22.71	<=30	Pass
			2	21.31	1.57	22.88	<=30	Pass
			5	21.07	1.57	22.64	<=30	Pass
		3	0	21.03	1.57	22.60	<=30	Pass
			2	21.10	1.57	22.67	<=30	Pass
			3	21.04	1.57	22.61	<=30	Pass
		6	0	19.80	1.57	21.37	<=30	Pass
	1732.5	1	0	20.87	1.57	22.44	<=30	Pass
			2	20.92	1.57	22.49	<=30	Pass
			5	20.77	1.57	22.34	<=30	Pass
		3	0	21.09	1.57	22.66	<=30	Pass
			2	21.10	1.57	22.67	<=30	Pass

			3	21.14	1.57	22.71	<=30	Pass
		6	0	20.11	1.57	21.68	<=30	Pass
	1754.3	1	0	20.64	1.57	22.21	<=30	Pass
			2	20.65	1.57	22.22	<=30	Pass
			5	20.60	1.57	22.17	<=30	Pass
		3	0	20.85	1.57	22.42	<=30	Pass
			2	20.89	1.57	22.46	<=30	Pass
			3	20.82	1.57	22.39	<=30	Pass
		6	0	19.85	1.57	21.42	<=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	22.92	1.57	24.49	<=30	Pass
			7	22.92	1.57	24.49	<=30	Pass
			14	22.82	1.57	24.39	<=30	Pass
		8	0	21.90	1.57	23.47	<=30	Pass
			4	21.88	1.57	23.45	<=30	Pass
			7	21.84	1.57	23.41	<=30	Pass
		15	0	21.79	1.57	23.36	<=30	Pass
	1732.5	1	0	22.92	1.57	24.49	<=30	Pass
			7	22.94	1.57	24.51	<=30	Pass
			14	22.79	1.57	24.36	<=30	Pass
		8	0	21.91	1.57	23.48	<=30	Pass
			4	21.91	1.57	23.48	<=30	Pass
			7	21.87	1.57	23.44	<=30	Pass
		15	0	21.83	1.57	23.40	<=30	Pass
	1753.5	1	0	22.82	1.57	24.39	<=30	Pass
			7	22.94	1.57	24.51	<=30	Pass
			14	22.75	1.57	24.32	<=30	Pass
		8	0	21.78	1.57	23.35	<=30	Pass
			4	21.88	1.57	23.45	<=30	Pass
			7	21.86	1.57	23.43	<=30	Pass
		15	0	21.86	1.57	23.43	<=30	Pass
16QAM	1711.5	1	0	22.03	1.57	23.60	<=30	Pass
			7	22.09	1.57	23.66	<=30	Pass
			14	21.94	1.57	23.51	<=30	Pass
		8	0	20.85	1.57	22.42	<=30	Pass
			4	20.81	1.57	22.38	<=30	Pass
			7	20.80	1.57	22.37	<=30	Pass
		15	0	20.79	1.57	22.36	<=30	Pass
	1732.5	1	0	22.07	1.57	23.64	<=30	Pass
			7	21.99	1.57	23.56	<=30	Pass
			14	21.82	1.57	23.39	<=30	Pass
		8	0	20.96	1.57	22.53	<=30	Pass
			4	20.99	1.57	22.56	<=30	Pass
			7	20.94	1.57	22.51	<=30	Pass
		15	0	20.87	1.57	22.44	<=30	Pass
	1753.5	1	0	22.44	1.57	24.01	<=30	Pass
			7	22.56	1.57	24.13	<=30	Pass
			14	22.34	1.57	23.91	<=30	Pass
		8	0	20.98	1.57	22.55	<=30	Pass
			4	21.05	1.57	22.62	<=30	Pass
			7	21.04	1.57	22.61	<=30	Pass
		15	0	20.93	1.57	22.50	<=30	Pass
64QAM	1711.5	1	0	20.97	1.57	22.54	<=30	Pass
			7	21.06	1.57	22.63	<=30	Pass
			14	20.91	1.57	22.48	<=30	Pass
		8	0	19.69	1.57	21.26	<=30	Pass

		15	4	19.72	1.57	21.29	<=30	Pass	
			7	19.66	1.57	21.23	<=30	Pass	
			0	20.01	1.57	21.58	<=30	Pass	
	1732.5	1	0	20.86	1.57	22.43	<=30	Pass	
			7	20.88	1.57	22.45	<=30	Pass	
			14	20.79	1.57	22.36	<=30	Pass	
		8	0	19.92	1.57	21.49	<=30	Pass	
			4	19.94	1.57	21.51	<=30	Pass	
			7	19.89	1.57	21.46	<=30	Pass	
		15	0	19.89	1.57	21.46	<=30	Pass	
		1753.5	1	0	21.27	1.57	22.84	<=30	Pass
				7	21.38	1.57	22.95	<=30	Pass
	14			21.21	1.57	22.78	<=30	Pass	
	8		0	19.94	1.57	21.51	<=30	Pass	
			4	20.03	1.57	21.60	<=30	Pass	
			7	19.94	1.57	21.51	<=30	Pass	
	15		0	19.77	1.57	21.34	<=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	23.01	1.57	24.58	<=30	Pass
			13	22.85	1.57	24.42	<=30	Pass
			24	22.77	1.57	24.34	<=30	Pass
		12	0	21.87	1.57	23.44	<=30	Pass
			6	21.79	1.57	23.36	<=30	Pass
			13	21.75	1.57	23.32	<=30	Pass
		25	0	21.76	1.57	23.33	<=30	Pass
	1732.5	1	0	23.08	1.57	24.65	<=30	Pass
			13	22.92	1.57	24.49	<=30	Pass
			24	22.84	1.57	24.41	<=30	Pass
		12	0	21.97	1.57	23.54	<=30	Pass
			6	21.94	1.57	23.51	<=30	Pass
			13	21.85	1.57	23.42	<=30	Pass
		25	0	21.92	1.57	23.49	<=30	Pass
	1752.5	1	0	22.98	1.57	24.55	<=30	Pass
			13	22.79	1.57	24.36	<=30	Pass
			24	22.82	1.57	24.39	<=30	Pass
		12	0	21.82	1.57	23.39	<=30	Pass
			6	21.83	1.57	23.40	<=30	Pass
			13	21.82	1.57	23.39	<=30	Pass
		25	0	21.79	1.57	23.36	<=30	Pass
16QAM	1712.5	1	0	21.85	1.57	23.42	<=30	Pass
			13	21.75	1.57	23.32	<=30	Pass
			24	21.66	1.57	23.23	<=30	Pass
		12	0	20.88	1.57	22.45	<=30	Pass
			6	20.80	1.57	22.37	<=30	Pass
			13	20.76	1.57	22.33	<=30	Pass
		25	0	20.77	1.57	22.34	<=30	Pass
	1732.5	1	0	22.35	1.57	23.92	<=30	Pass
			13	22.20	1.57	23.77	<=30	Pass
			24	22.13	1.57	23.70	<=30	Pass
		12	0	20.96	1.57	22.53	<=30	Pass
			6	20.96	1.57	22.53	<=30	Pass
			13	20.86	1.57	22.43	<=30	Pass
		25	0	20.89	1.57	22.46	<=30	Pass
	1752.5	1	0	22.16	1.57	23.73	<=30	Pass
			13	22.05	1.57	23.62	<=30	Pass
			24	22.13	1.57	23.70	<=30	Pass

64QAM	1712.5	12	0	20.76	1.57	22.33	<=30	Pass
			6	20.76	1.57	22.33	<=30	Pass
			13	20.78	1.57	22.35	<=30	Pass
		25	0	20.75	1.57	22.32	<=30	Pass
			6	20.82	1.57	22.39	<=30	Pass
			13	20.74	1.57	22.31	<=30	Pass
		1	24	20.71	1.57	22.28	<=30	Pass
			0	19.81	1.57	21.38	<=30	Pass
			6	19.67	1.57	21.24	<=30	Pass
	1732.5	12	13	19.67	1.57	21.24	<=30	Pass
			0	19.72	1.57	21.29	<=30	Pass
			6	21.29	1.57	22.86	<=30	Pass
		1	13	21.08	1.57	22.65	<=30	Pass
			24	21.05	1.57	22.62	<=30	Pass
			0	19.93	1.57	21.50	<=30	Pass
		12	6	19.89	1.57	21.46	<=30	Pass
			13	19.79	1.57	21.36	<=30	Pass
			0	19.95	1.57	21.52	<=30	Pass
	1752.5	1	0	21.02	1.57	22.59	<=30	Pass
			13	20.97	1.57	22.54	<=30	Pass
			24	20.85	1.57	22.42	<=30	Pass
		12	0	19.89	1.57	21.46	<=30	Pass
			6	19.88	1.57	21.45	<=30	Pass
			13	19.91	1.57	21.48	<=30	Pass
		25	0	19.75	1.57	21.32	<=30	Pass
			6	20.76	1.57	22.33	<=30	Pass
			13	20.78	1.57	22.35	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.04	1.57	24.61	<=30	Pass
			25	22.71	1.57	24.28	<=30	Pass
			49	23.01	1.57	24.58	<=30	Pass
		25	0	21.80	1.57	23.37	<=30	Pass
			13	21.80	1.57	23.37	<=30	Pass
			25	21.86	1.57	23.43	<=30	Pass
		50	0	21.87	1.57	23.44	<=30	Pass
			0	23.14	1.57	24.71	<=30	Pass
			25	22.89	1.57	24.46	<=30	Pass
	1732.5	1	49	23.14	1.57	24.71	<=30	Pass
			0	21.96	1.57	23.53	<=30	Pass
			13	21.96	1.57	23.53	<=30	Pass
		25	25	21.95	1.57	23.52	<=30	Pass
			0	21.95	1.57	23.52	<=30	Pass
			0	22.90	1.57	24.47	<=30	Pass
		1	25	22.77	1.57	24.34	<=30	Pass
			49	23.08	1.57	24.65	<=30	Pass
			0	21.78	1.57	23.35	<=30	Pass
	1750	25	13	21.82	1.57	23.39	<=30	Pass
			25	21.86	1.57	23.43	<=30	Pass
			0	21.81	1.57	23.38	<=30	Pass
	1715	1	0	22.84	1.57	24.41	<=30	Pass
			25	22.61	1.57	24.18	<=30	Pass
			49	22.84	1.57	24.41	<=30	Pass
		25	0	20.88	1.57	22.45	<=30	Pass
			13	20.84	1.57	22.41	<=30	Pass
			25	20.91	1.57	22.48	<=30	Pass
		50	0	20.82	1.57	22.39	<=30	Pass
	1732.5	1	0	22.26	1.57	23.83	<=30	Pass
			25	22.00	1.57	23.57	<=30	Pass

			49	22.32	1.57	23.89	<=30	Pass
		25	0	20.98	1.57	22.55	<=30	Pass
			13	20.93	1.57	22.50	<=30	Pass
			25	20.93	1.57	22.50	<=30	Pass
		50	0	20.98	1.57	22.55	<=30	Pass
	1750	1	0	21.88	1.57	23.45	<=30	Pass
			25	21.70	1.57	23.27	<=30	Pass
			49	22.04	1.57	23.61	<=30	Pass
		25	0	20.86	1.57	22.43	<=30	Pass
			13	20.93	1.57	22.50	<=30	Pass
			25	20.94	1.57	22.51	<=30	Pass
		50	0	20.81	1.57	22.38	<=30	Pass
64QAM	1715	1	0	21.28	1.57	22.85	<=30	Pass
			25	21.02	1.57	22.59	<=30	Pass
			49	21.24	1.57	22.81	<=30	Pass
		25	0	19.85	1.57	21.42	<=30	Pass
			13	19.82	1.57	21.39	<=30	Pass
			25	19.87	1.57	21.44	<=30	Pass
		50	0	19.90	1.57	21.47	<=30	Pass
	1732.5	1	0	21.08	1.57	22.65	<=30	Pass
			25	20.84	1.57	22.41	<=30	Pass
			49	21.20	1.57	22.77	<=30	Pass
		25	0	19.99	1.57	21.56	<=30	Pass
			13	19.95	1.57	21.52	<=30	Pass
			25	20.00	1.57	21.57	<=30	Pass
		50	0	19.96	1.57	21.53	<=30	Pass
	1750	1	0	20.83	1.57	22.40	<=30	Pass
			25	20.73	1.57	22.30	<=30	Pass
			49	20.90	1.57	22.47	<=30	Pass
		25	0	19.82	1.57	21.39	<=30	Pass
			13	19.86	1.57	21.43	<=30	Pass
			25	19.85	1.57	21.42	<=30	Pass
		50	0	19.81	1.57	21.38	<=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	22.97	1.57	24.54	<=30	Pass
			38	22.89	1.57	24.46	<=30	Pass
			74	23.12	1.57	24.69	<=30	Pass
		36	0	21.88	1.57	23.45	<=30	Pass
			18	21.87	1.57	23.44	<=30	Pass
			39	21.98	1.57	23.55	<=30	Pass
		75	0	21.90	1.57	23.47	<=30	Pass
	1732.5	1	0	22.91	1.57	24.48	<=30	Pass
			38	22.77	1.57	24.34	<=30	Pass
			74	23.00	1.57	24.57	<=30	Pass
		36	0	21.75	1.57	23.32	<=30	Pass
			18	21.75	1.57	23.32	<=30	Pass
			39	21.78	1.57	23.35	<=30	Pass
		75	0	21.76	1.57	23.33	<=30	Pass
	1747.5	1	0	22.92	1.57	24.49	<=30	Pass
			38	22.70	1.57	24.27	<=30	Pass
			74	23.02	1.57	24.59	<=30	Pass
		36	0	21.67	1.57	23.24	<=30	Pass
			18	21.81	1.57	23.38	<=30	Pass
			39	21.85	1.57	23.42	<=30	Pass
		75	0	21.70	1.57	23.27	<=30	Pass
16QAM	1717.5	1	0	22.79	1.57	24.36	<=30	Pass

			38	22.54	1.57	24.11	<=30	Pass	
			74	22.97	1.57	24.54	<=30	Pass	
			36	0	20.93	1.57	22.50	<=30	Pass
				18	20.94	1.57	22.51	<=30	Pass
				39	20.96	1.57	22.53	<=30	Pass
		75	0	20.86	1.57	22.43	<=30	Pass	
	1732.5	1	0	22.06	1.57	23.63	<=30	Pass	
			38	21.94	1.57	23.51	<=30	Pass	
			74	22.13	1.57	23.70	<=30	Pass	
		36	0	20.73	1.57	22.30	<=30	Pass	
			18	20.76	1.57	22.33	<=30	Pass	
			39	20.78	1.57	22.35	<=30	Pass	
	75	0	20.84	1.57	22.41	<=30	Pass		
	1747.5	1	0	22.35	1.57	23.92	<=30	Pass	
			38	22.22	1.57	23.79	<=30	Pass	
			74	22.49	1.57	24.06	<=30	Pass	
		36	0	20.64	1.57	22.21	<=30	Pass	
			18	20.80	1.57	22.37	<=30	Pass	
			39	20.82	1.57	22.39	<=30	Pass	
	75	0	20.77	1.57	22.34	<=30	Pass		
64QAM	1717.5	1	0	21.14	1.57	22.71	<=30	Pass	
			38	21.05	1.57	22.62	<=30	Pass	
			74	21.34	1.57	22.91	<=30	Pass	
		36	0	19.85	1.57	21.42	<=30	Pass	
			18	19.89	1.57	21.46	<=30	Pass	
			39	19.96	1.57	21.53	<=30	Pass	
	75	0	19.92	1.57	21.49	<=30	Pass		
	1732.5	1	0	20.99	1.57	22.56	<=30	Pass	
			38	20.82	1.57	22.39	<=30	Pass	
			74	21.08	1.57	22.65	<=30	Pass	
		36	0	19.71	1.57	21.28	<=30	Pass	
			18	19.79	1.57	21.36	<=30	Pass	
			39	19.83	1.57	21.40	<=30	Pass	
	75	0	19.77	1.57	21.34	<=30	Pass		
	1747.5	1	0	21.26	1.57	22.83	<=30	Pass	
			38	21.12	1.57	22.69	<=30	Pass	
			74	21.43	1.57	23.00	<=30	Pass	
		36	0	19.55	1.57	21.12	<=30	Pass	
18			19.77	1.57	21.34	<=30	Pass		
39			19.76	1.57	21.33	<=30	Pass		
75	0	19.76	1.57	21.33	<=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	22.81	1.57	24.38	<=30	Pass
			50	22.83	1.57	24.40	<=30	Pass
			99	22.93	1.57	24.50	<=30	Pass
		50	0	21.90	1.57	23.47	<=30	Pass
			25	21.85	1.57	23.42	<=30	Pass
			50	21.93	1.57	23.50	<=30	Pass
		100	0	21.89	1.57	23.46	<=30	Pass
	1732.5	1	0	22.95	1.57	24.52	<=30	Pass
			50	22.99	1.57	24.56	<=30	Pass
			99	23.06	1.57	24.63	<=30	Pass
		50	0	21.77	1.57	23.34	<=30	Pass
			25	21.73	1.57	23.30	<=30	Pass
			50	21.83	1.57	23.40	<=30	Pass
		100	0	21.72	1.57	23.29	<=30	Pass

	1745	1	0	22.57	1.57	24.14	<=30	Pass		
			50	22.72	1.57	24.29	<=30	Pass		
			99	22.84	1.57	24.41	<=30	Pass		
		50	0	21.68	1.57	23.25	<=30	Pass		
			25	21.69	1.57	23.26	<=30	Pass		
			50	21.75	1.57	23.32	<=30	Pass		
		100	0	21.68	1.57	23.25	<=30	Pass		
		16QAM	1720	1	0	22.60	1.57	24.17	<=30	Pass
					50	22.92	1.57	24.49	<=30	Pass
99	22.70				1.57	24.27	<=30	Pass		
50	0			20.87	1.57	22.44	<=30	Pass		
	25			20.85	1.57	22.42	<=30	Pass		
	50			20.91	1.57	22.48	<=30	Pass		
100	0			20.90	1.57	22.47	<=30	Pass		
1732.5	1			0	22.13	1.57	23.70	<=30	Pass	
				50	22.22	1.57	23.79	<=30	Pass	
			99	22.26	1.57	23.83	<=30	Pass		
	50		0	20.78	1.57	22.35	<=30	Pass		
			25	20.79	1.57	22.36	<=30	Pass		
			50	20.85	1.57	22.42	<=30	Pass		
	100		0	20.75	1.57	22.32	<=30	Pass		
	1745		1	0	21.87	1.57	23.44	<=30	Pass	
				50	22.01	1.57	23.58	<=30	Pass	
99				22.11	1.57	23.68	<=30	Pass		
50			0	20.67	1.57	22.24	<=30	Pass		
			25	20.65	1.57	22.22	<=30	Pass		
			50	20.80	1.57	22.37	<=30	Pass		
100			0	20.63	1.57	22.20	<=30	Pass		
64QAM			1720	1	0	20.73	1.57	22.30	<=30	Pass
					50	20.81	1.57	22.38	<=30	Pass
	99				20.80	1.57	22.37	<=30	Pass	
	50			0	19.88	1.57	21.45	<=30	Pass	
				25	19.80	1.57	21.37	<=30	Pass	
				50	19.90	1.57	21.47	<=30	Pass	
	100	0		19.94	1.57	21.51	<=30	Pass		
	1732.5	1		0	20.87	1.57	22.44	<=30	Pass	
				50	20.94	1.57	22.51	<=30	Pass	
			99	20.97	1.57	22.54	<=30	Pass		
		50	0	19.79	1.57	21.36	<=30	Pass		
			25	19.79	1.57	21.36	<=30	Pass		
			50	19.87	1.57	21.44	<=30	Pass		
		100	0	19.72	1.57	21.29	<=30	Pass		
	1745	1	0	20.88	1.57	22.45	<=30	Pass		
			50	21.04	1.57	22.61	<=30	Pass		
			99	21.16	1.57	22.73	<=30	Pass		
		50	0	19.60	1.57	21.17	<=30	Pass		
			25	19.68	1.57	21.25	<=30	Pass		
			50	19.81	1.57	21.38	<=30	Pass		
		100	0	19.68	1.57	21.25	<=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 (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1732.5	50	0	20	3.27	2.556	0.0015	-2.5 to 2.5	Pass
					3.85	3.510	0.0020	-2.5 to 2.5	Pass
					4.43	3.519	0.0020	-2.5 to 2.5	Pass
				-30	3.85	1.145	0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.936	0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.008	0.0012	-2.5 to 2.5	Pass
				0	3.85	1.484	0.0009	-2.5 to 2.5	Pass
				10	3.85	1.038	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.111	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.610	0.0009	-2.5 to 2.5	Pass
				50	3.85	2.179	0.0013	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

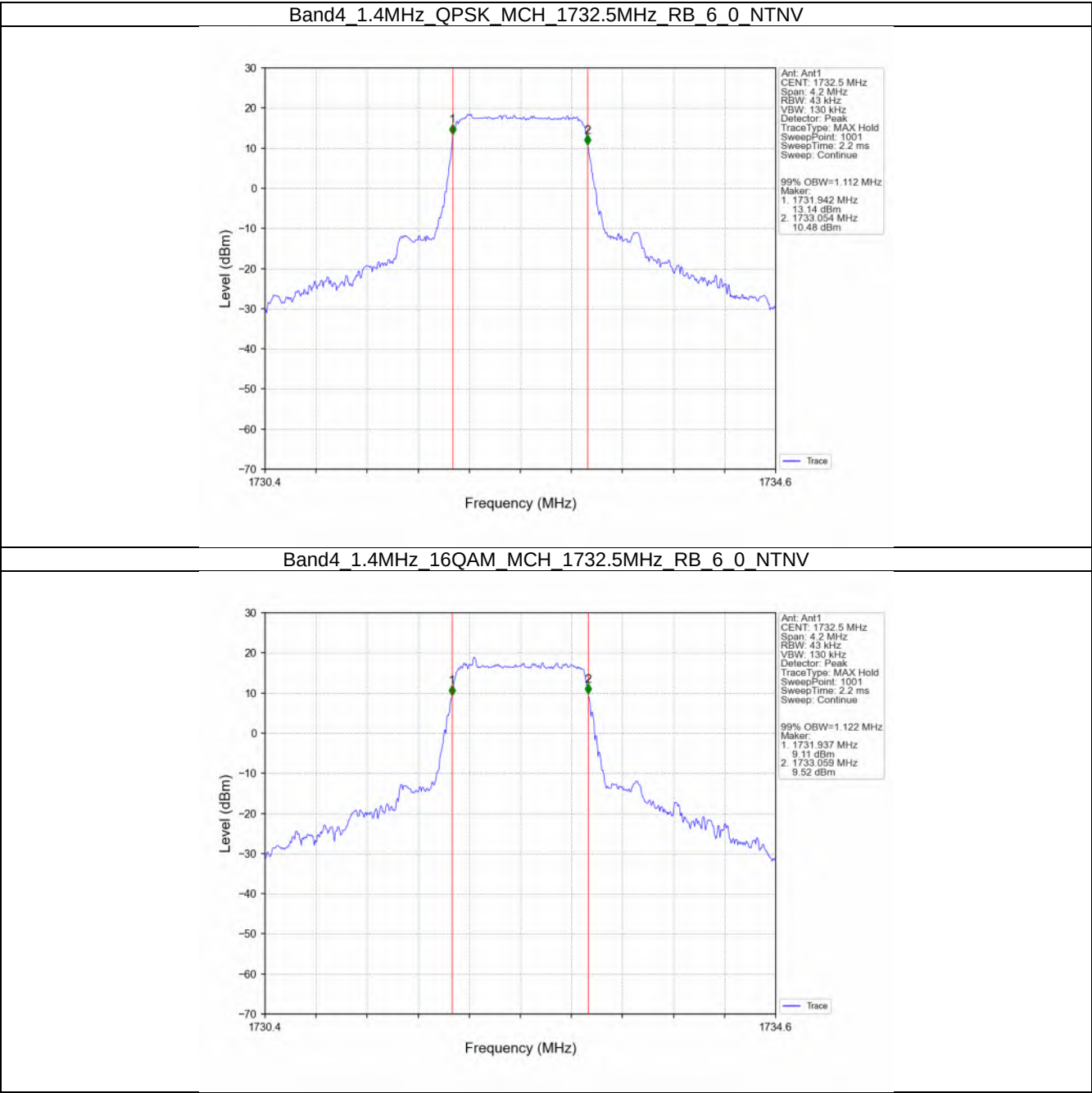
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.112	/	Pass
	16QAM	1732.5	6	0	1.122	/	Pass
3	QPSK	1732.5	15	0	2.745	/	Pass
	16QAM	1732.5	15	0	2.761	/	Pass
5	QPSK	1732.5	25	0	4.566	/	Pass
	16QAM	1732.5	25	0	4.539	/	Pass
10	QPSK	1732.5	50	0	9.070	/	Pass
	16QAM	1732.5	50	0	9.085	/	Pass
15	QPSK	1732.5	75	0	13.589	/	Pass
	16QAM	1732.5	75	0	13.612	/	Pass
20	QPSK	1732.5	100	0	18.109	/	Pass
	16QAM	1732.5	100	0	18.255	/	Pass

3.1.2 Band4_XDB

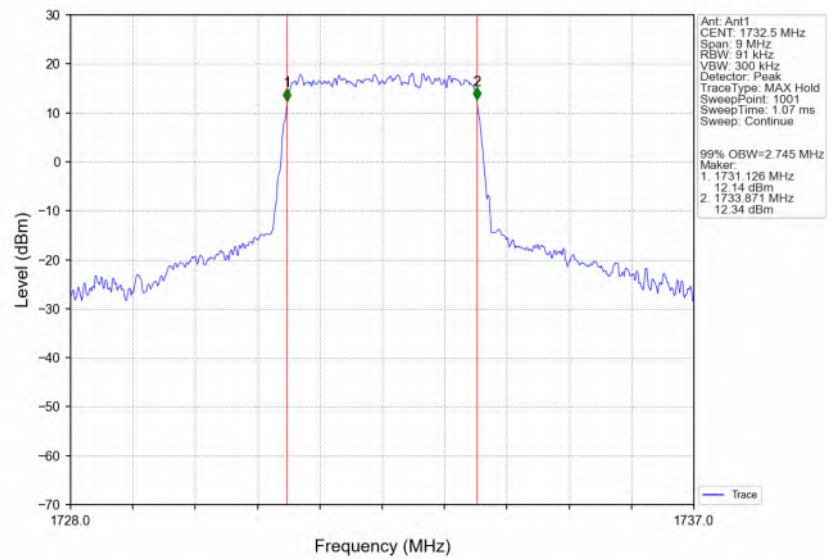
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.340	/	Pass
	16QAM	1732.5	6	0	1.329	/	Pass
3	QPSK	1732.5	15	0	3.078	/	Pass
	16QAM	1732.5	15	0	3.045	/	Pass
5	QPSK	1732.5	25	0	5.066	/	Pass
	16QAM	1732.5	25	0	5.075	/	Pass
10	QPSK	1732.5	50	0	10.073	/	Pass
	16QAM	1732.5	50	0	10.076	/	Pass
15	QPSK	1732.5	75	0	15.031	/	Pass
	16QAM	1732.5	75	0	14.998	/	Pass
20	QPSK	1732.5	100	0	19.793	/	Pass
	16QAM	1732.5	100	0	19.812	/	Pass

3.2 Test Graph

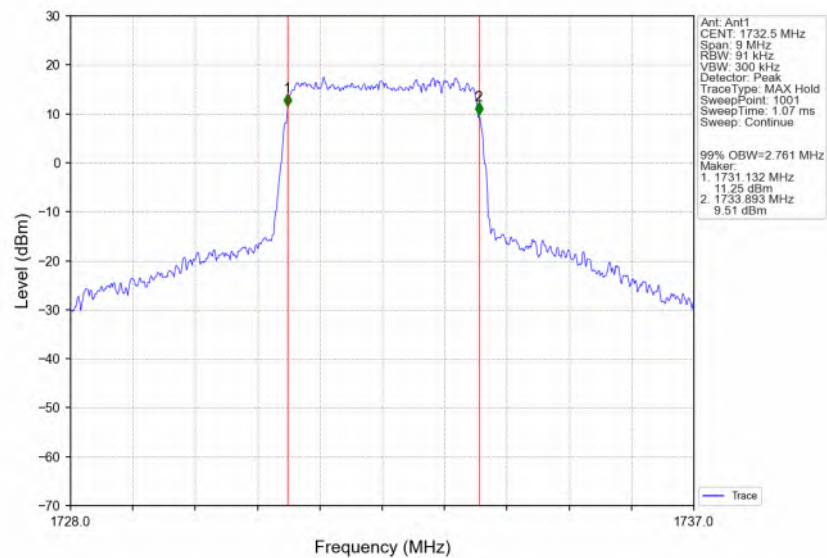
3.2.1 Band4_OBW



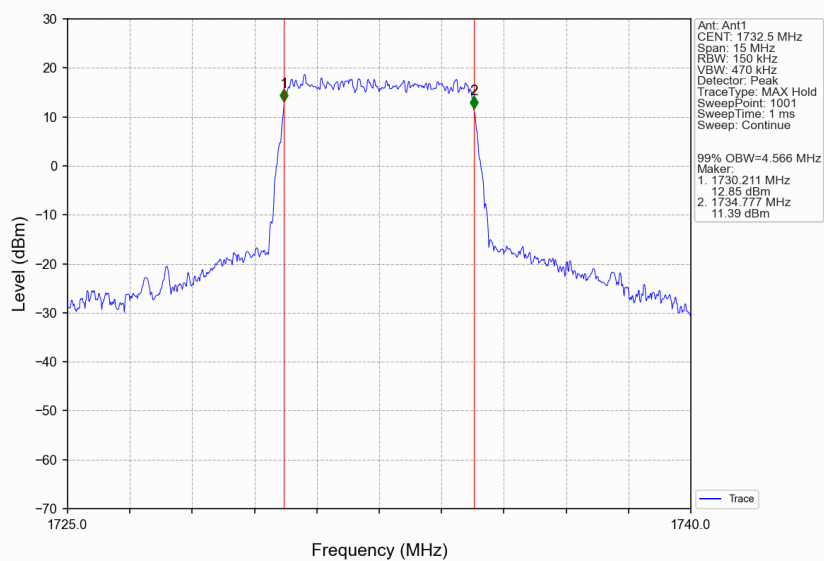
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



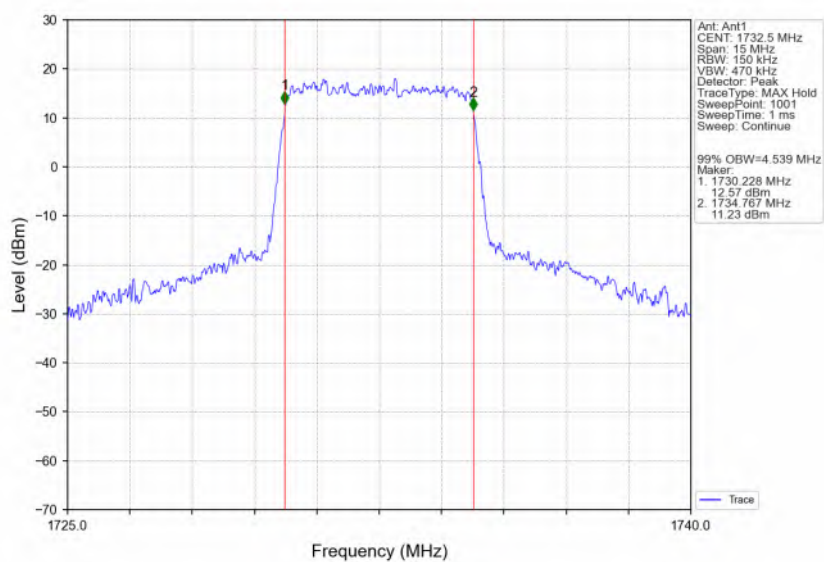
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

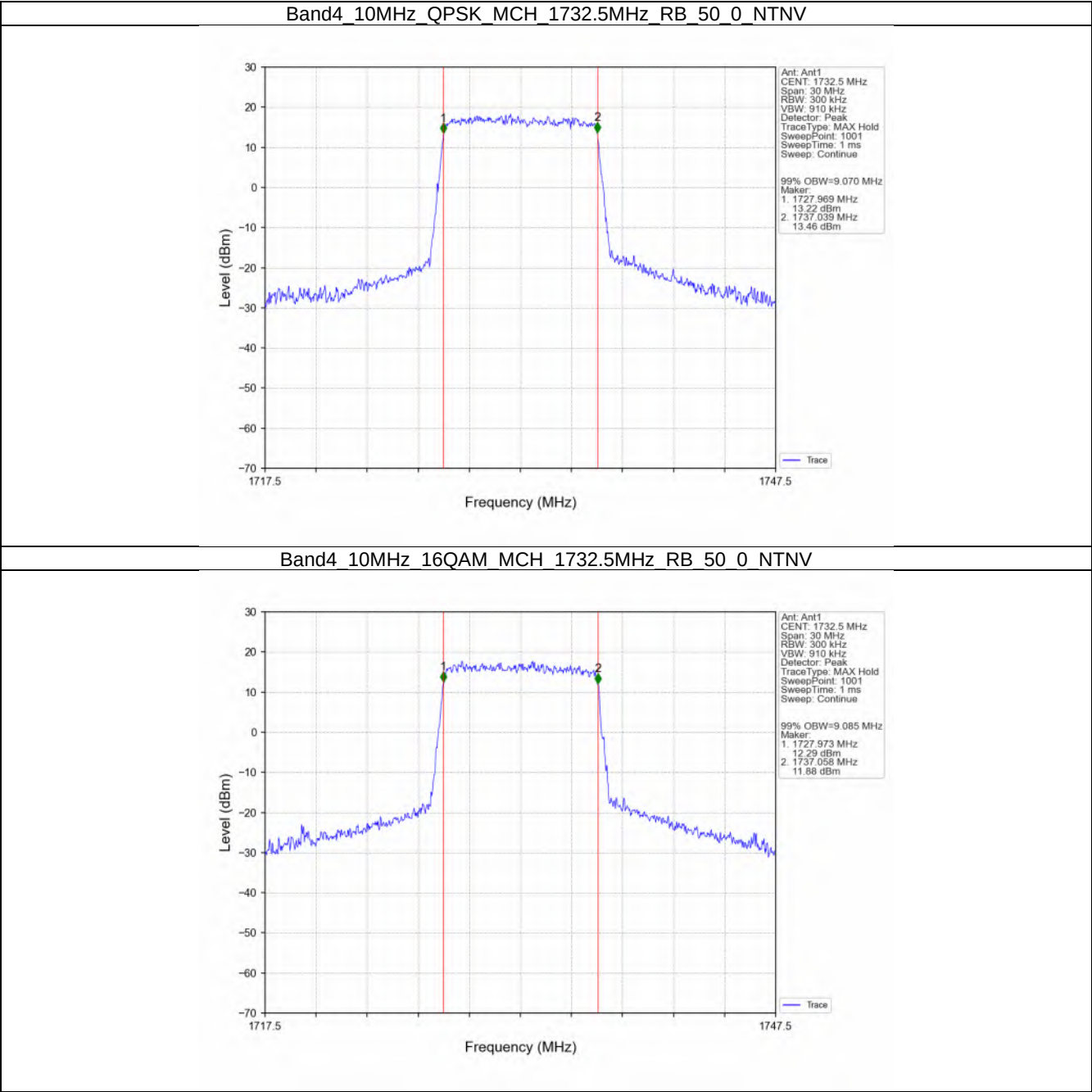


Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

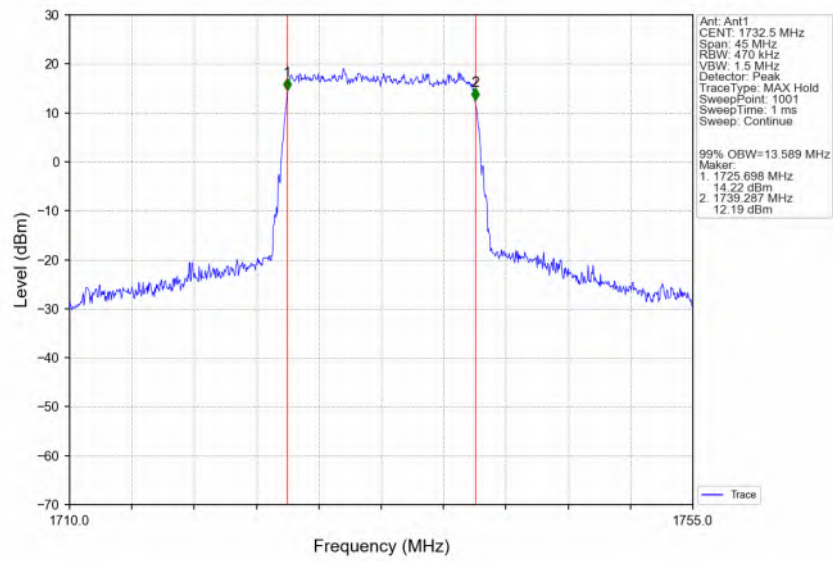


Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

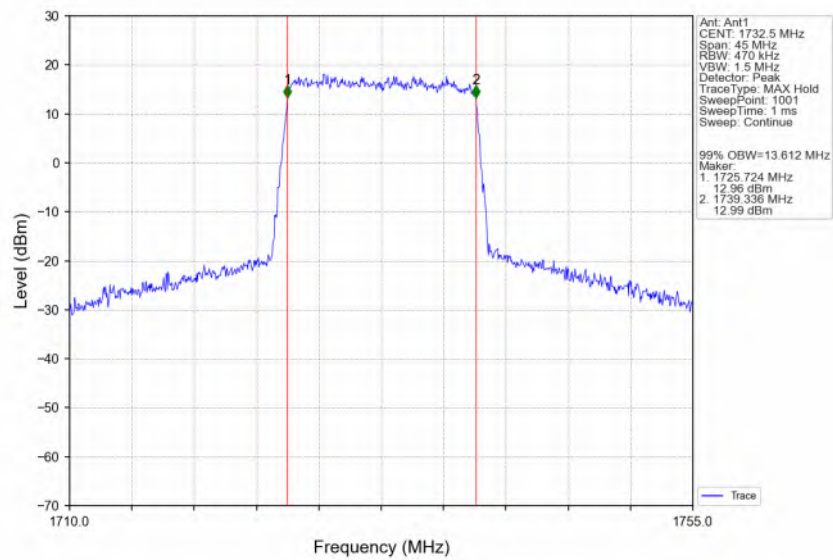




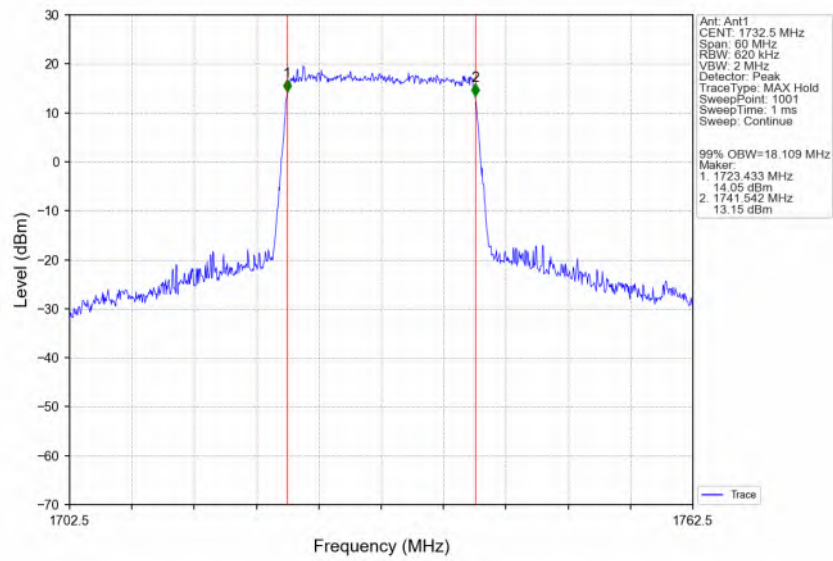
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



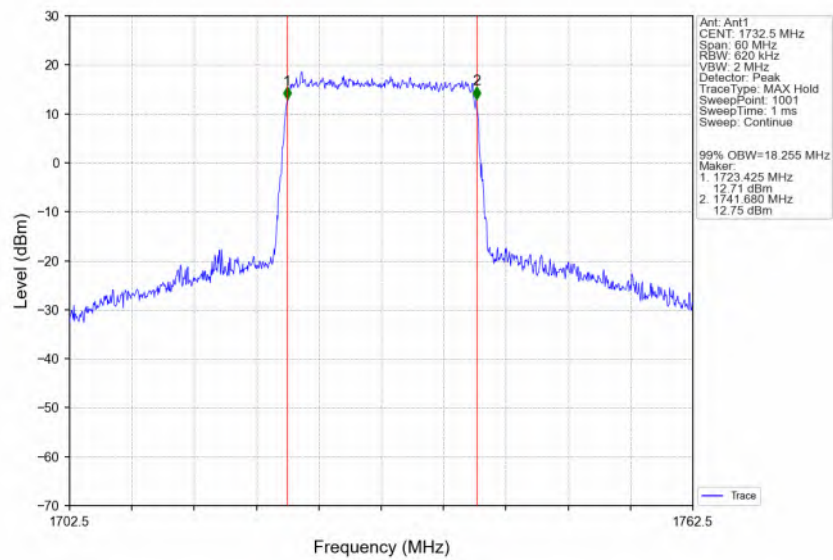
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



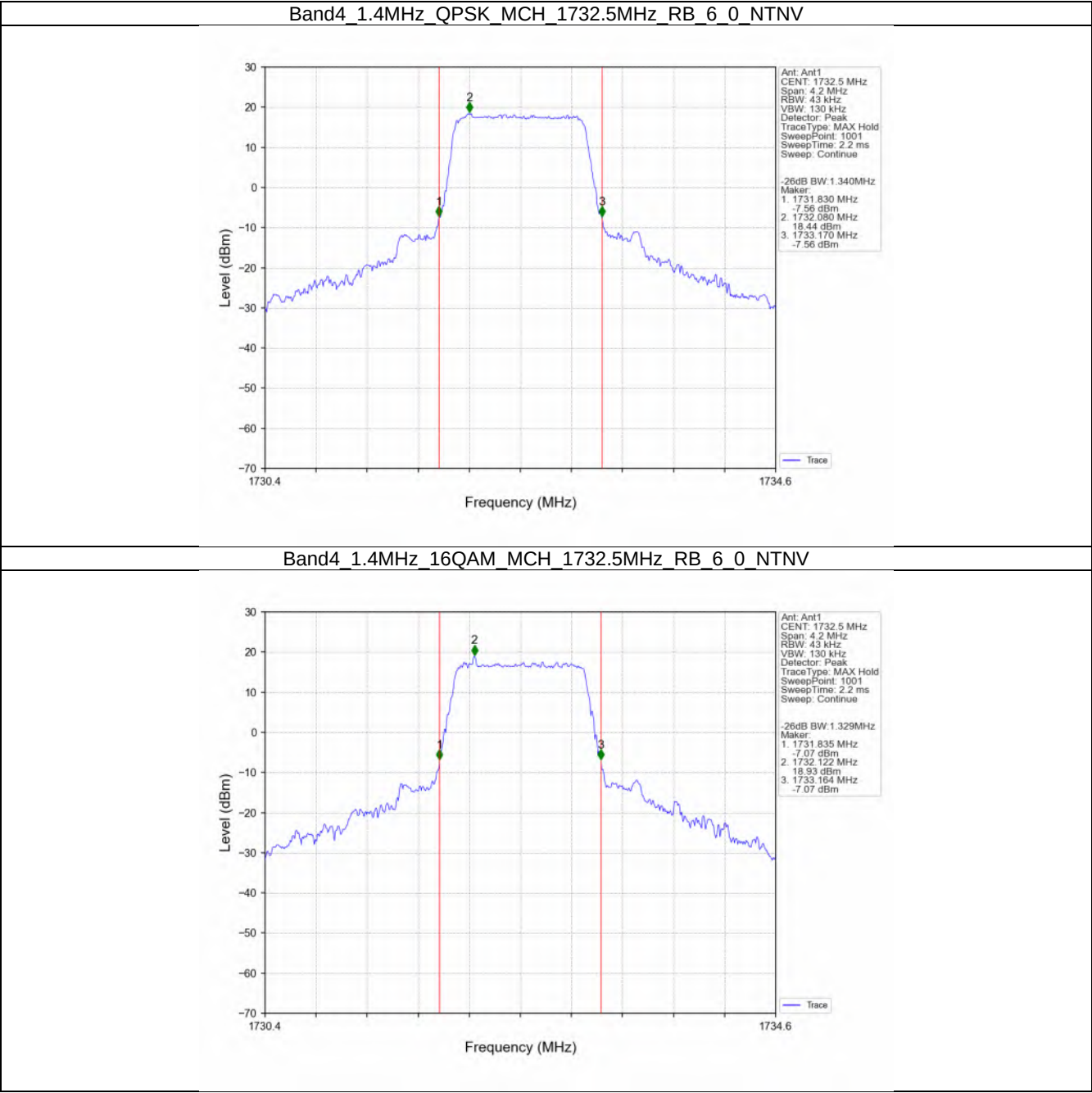
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



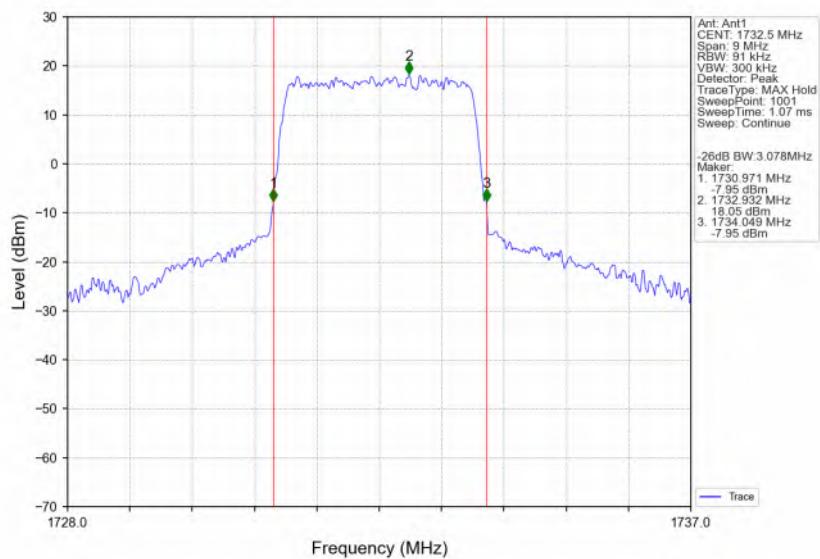
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



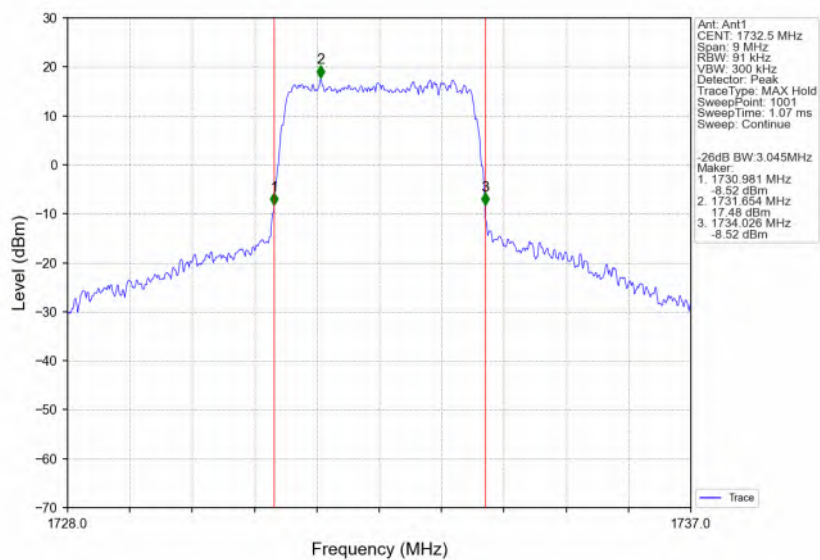
3.2.2 Band4_XDB



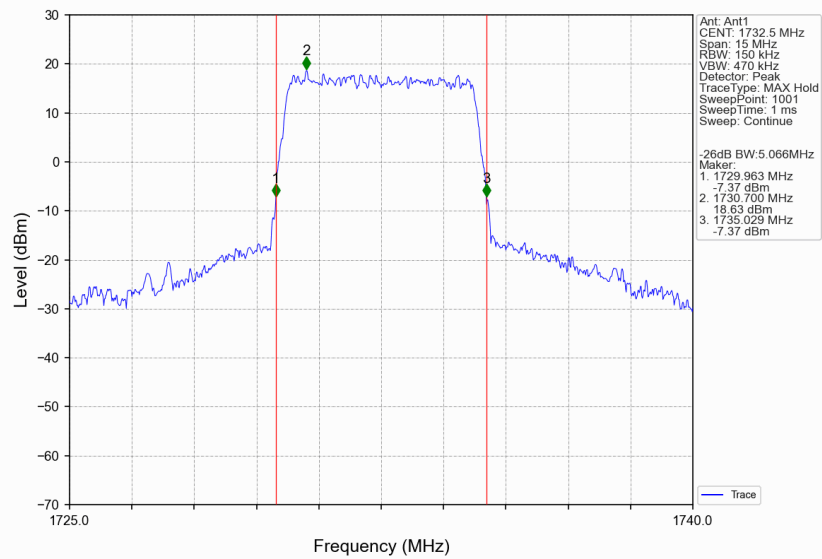
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



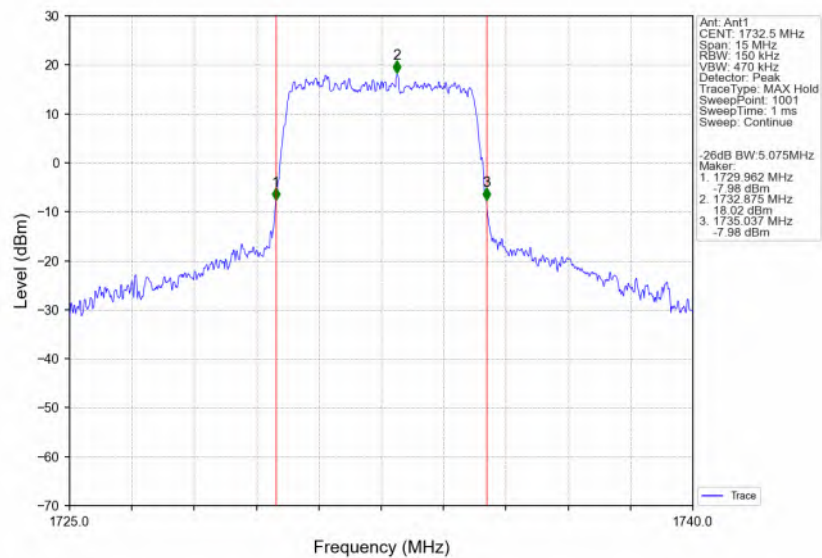
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV

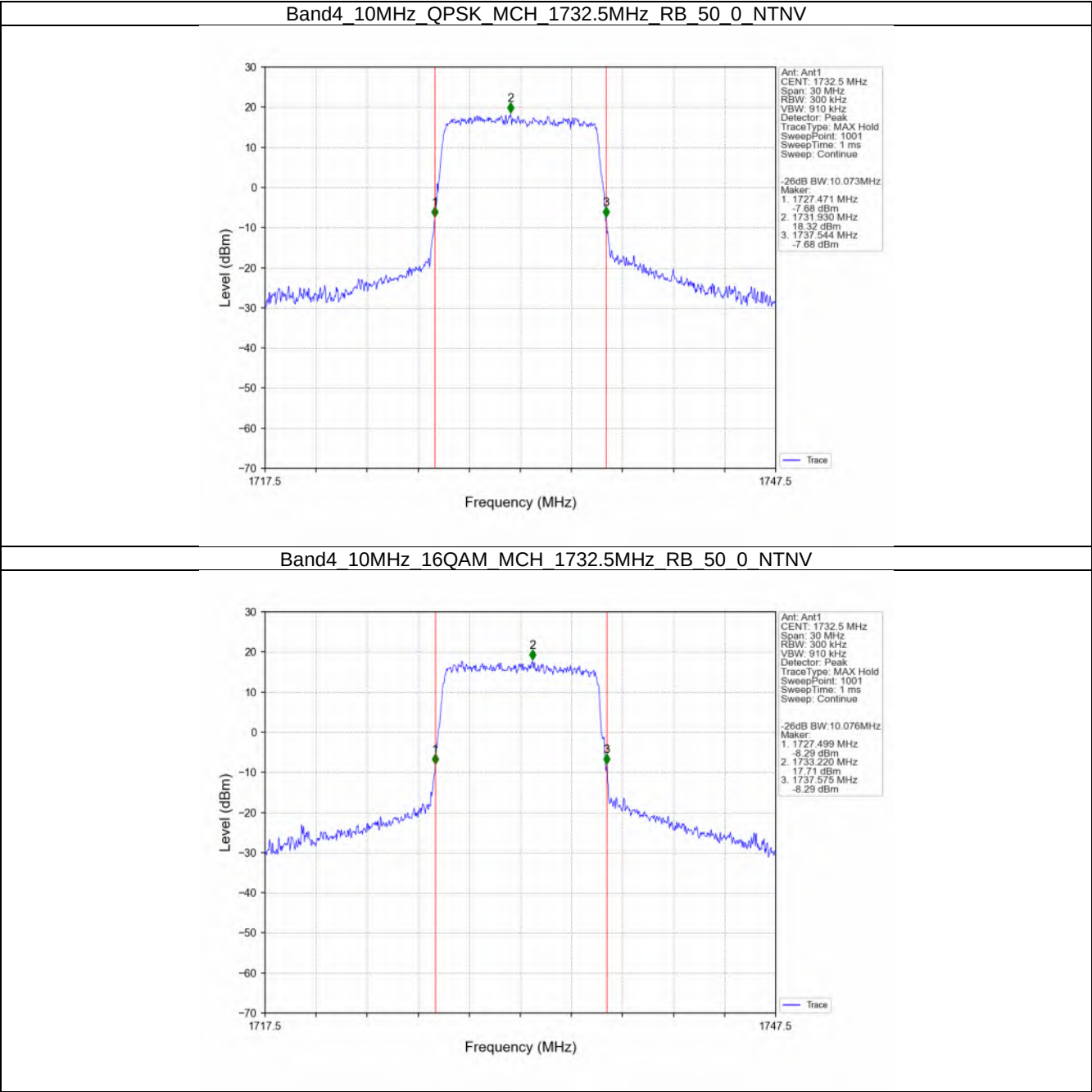


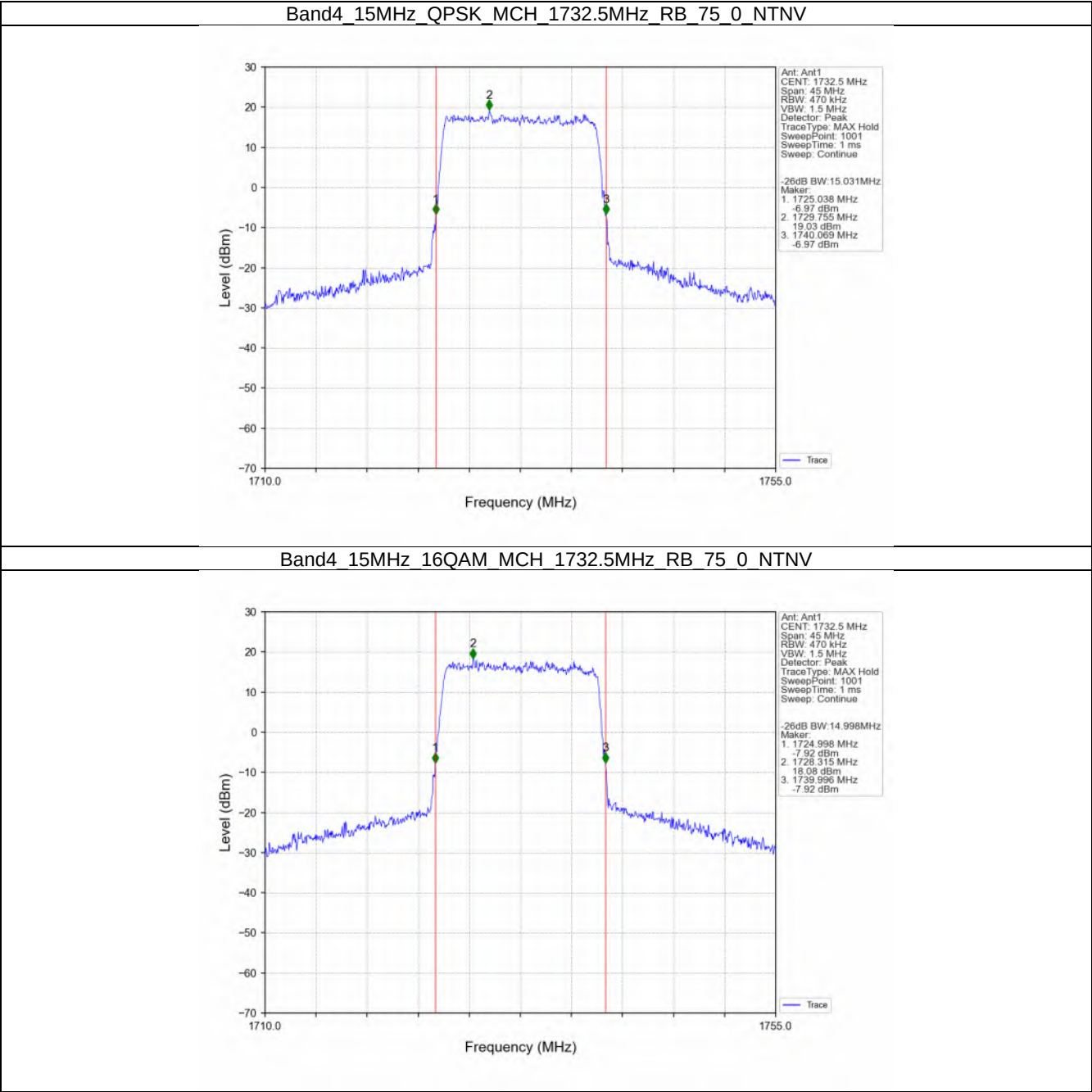
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



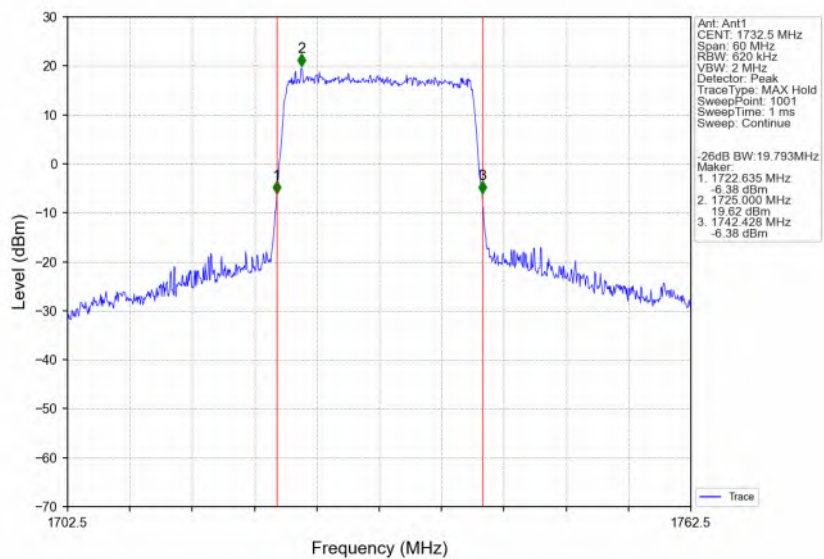
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



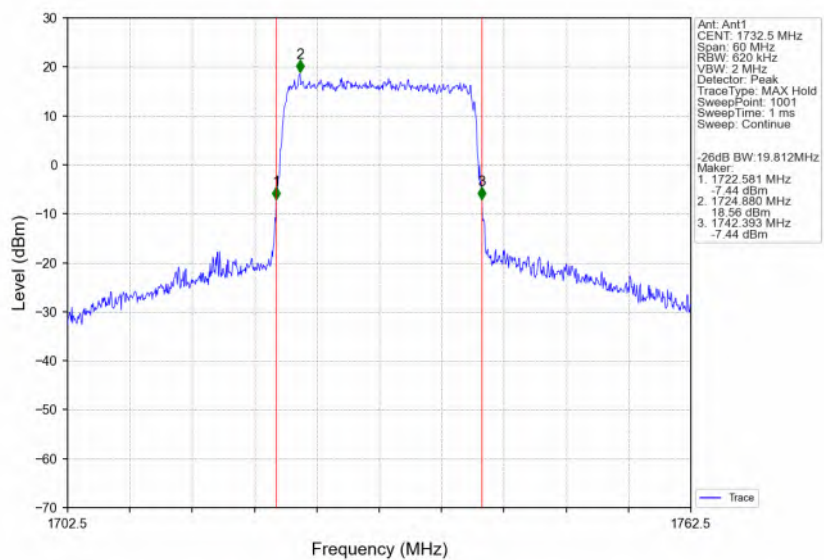




Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



4. Peak-Average Ratio

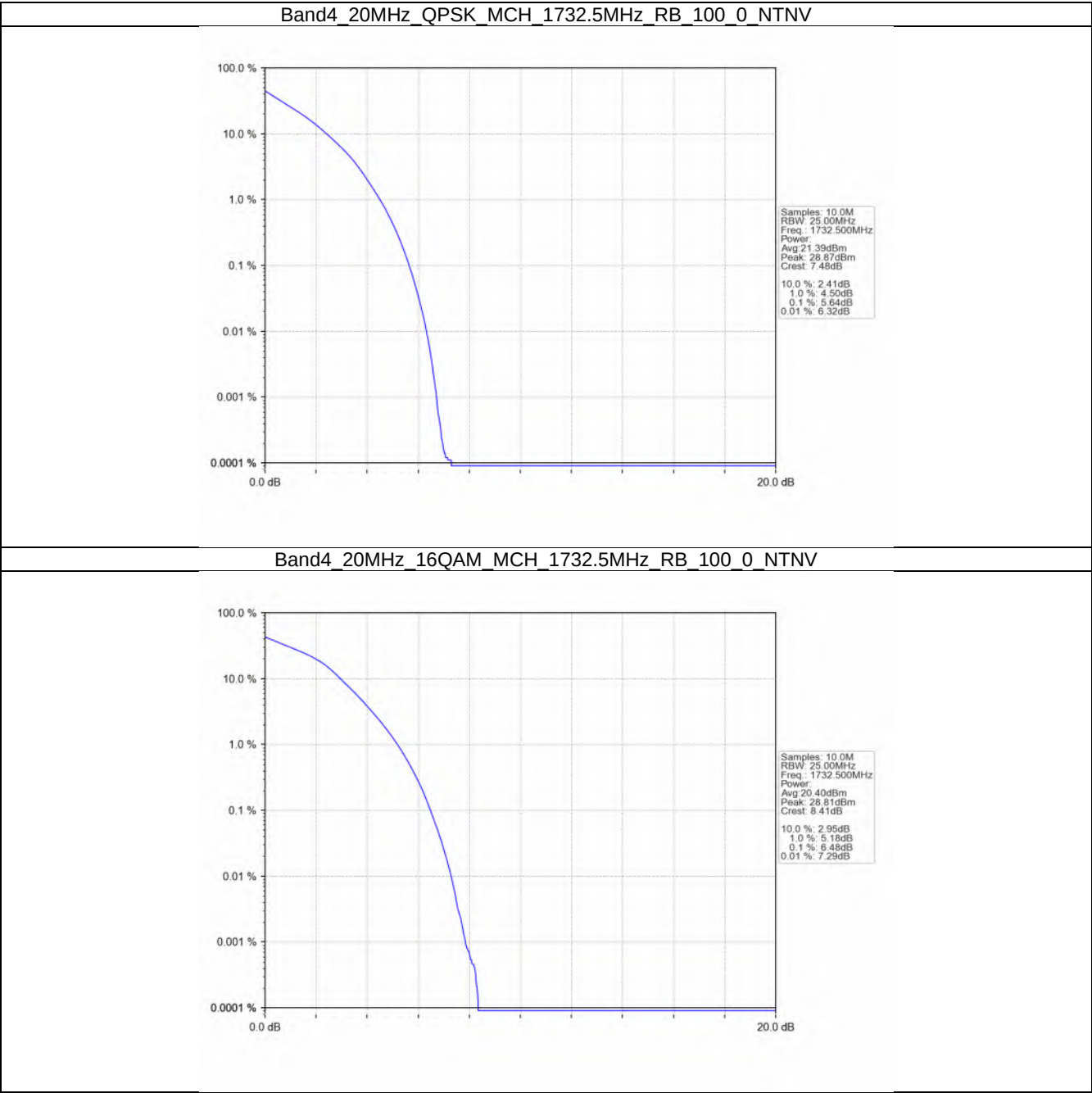
4.1 Test Result

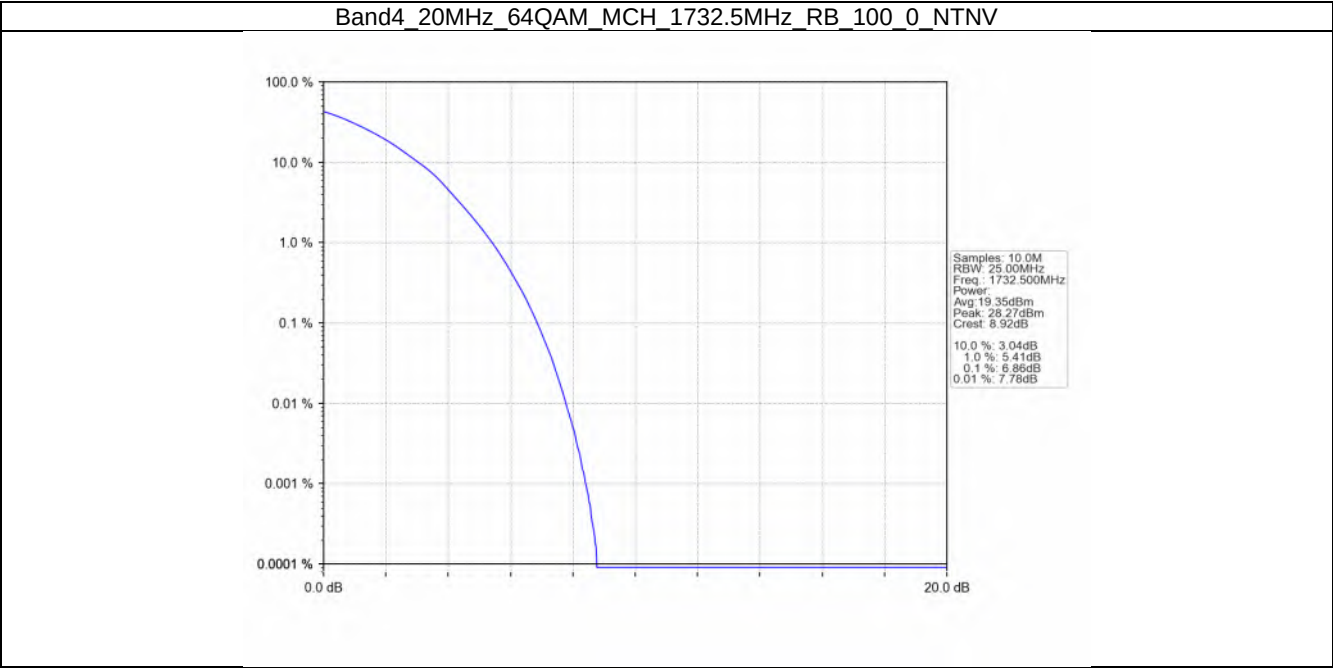
4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.64	<=13	Pass
16QAM	1732.5	100	0	6.48	<=13	Pass
64QAM	1732.5	100	0	6.86	<=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 / NTVN						
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 / NTVN						
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 / NTVN						
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

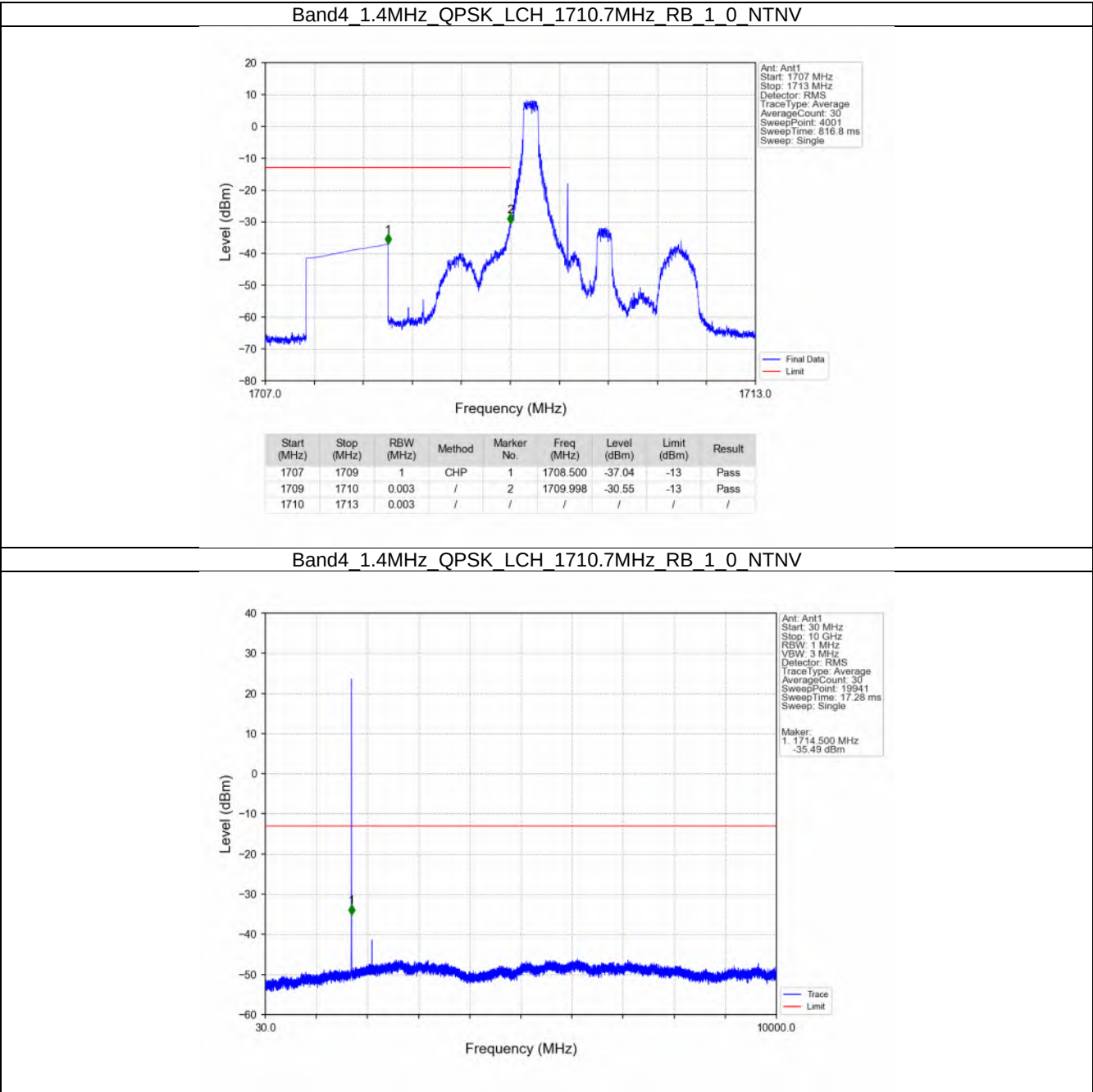
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

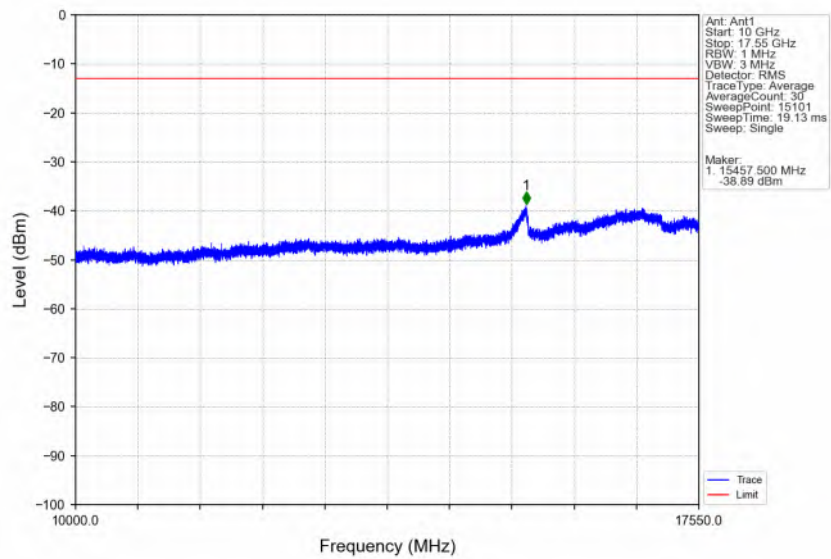
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

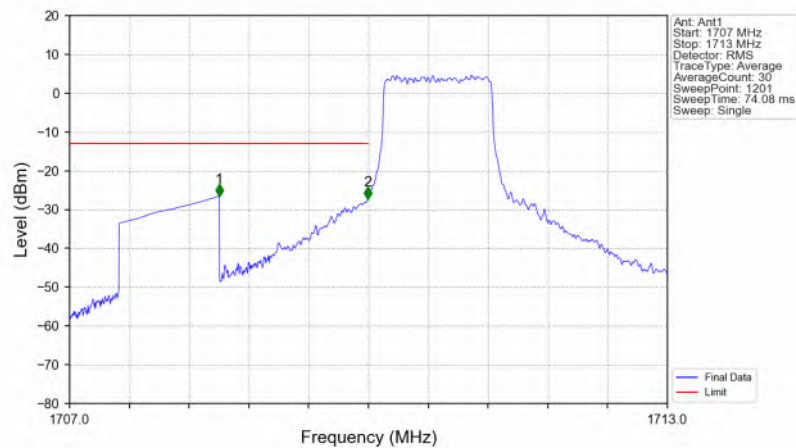
5.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

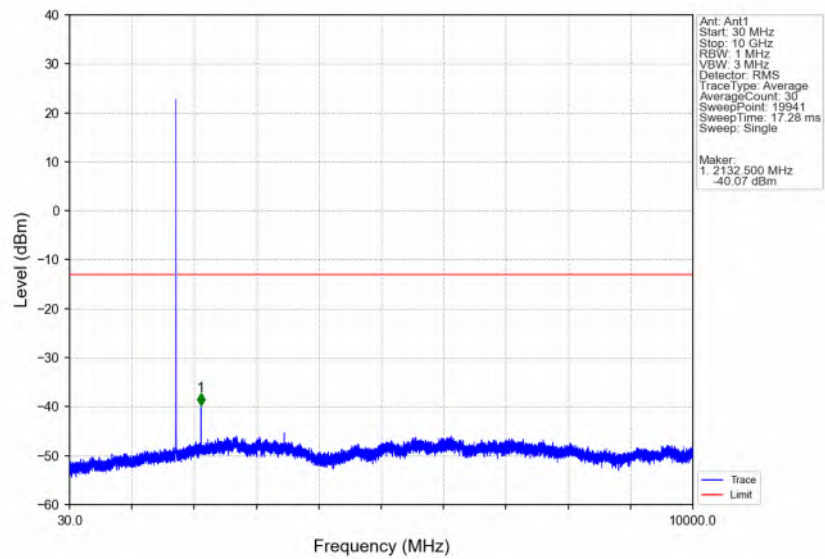


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

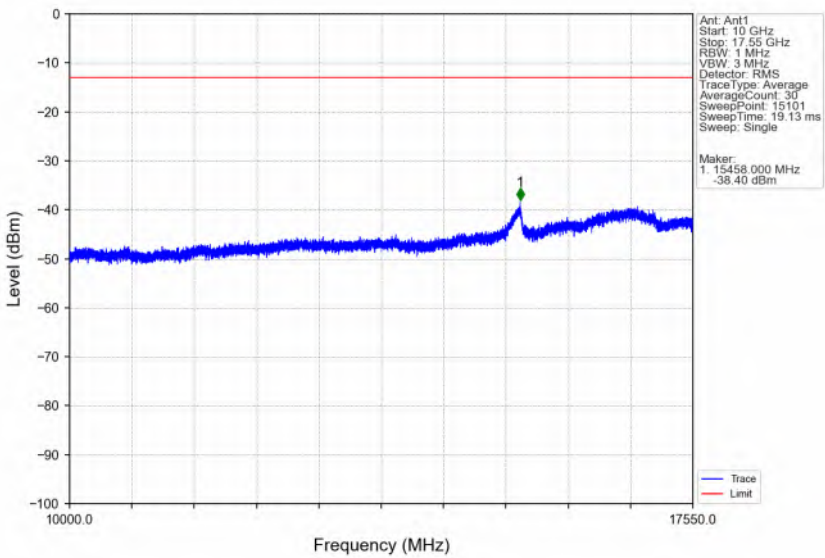


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.53	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-27.36	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

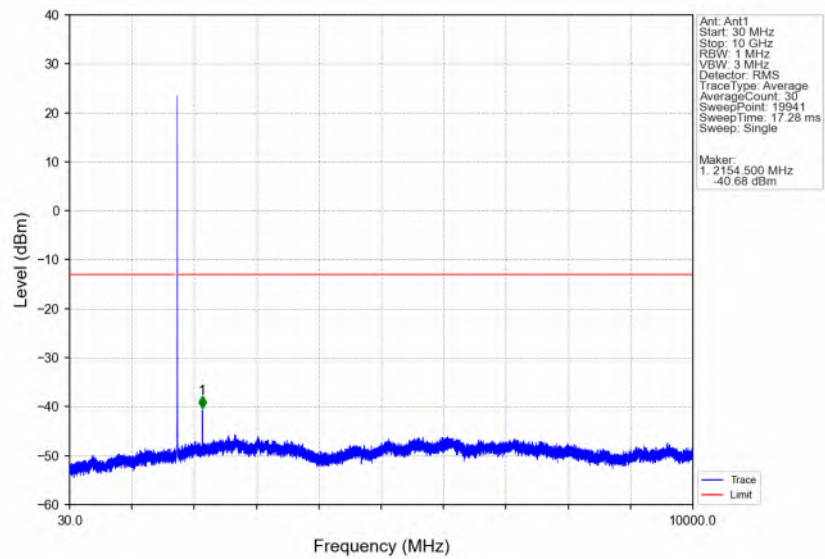
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



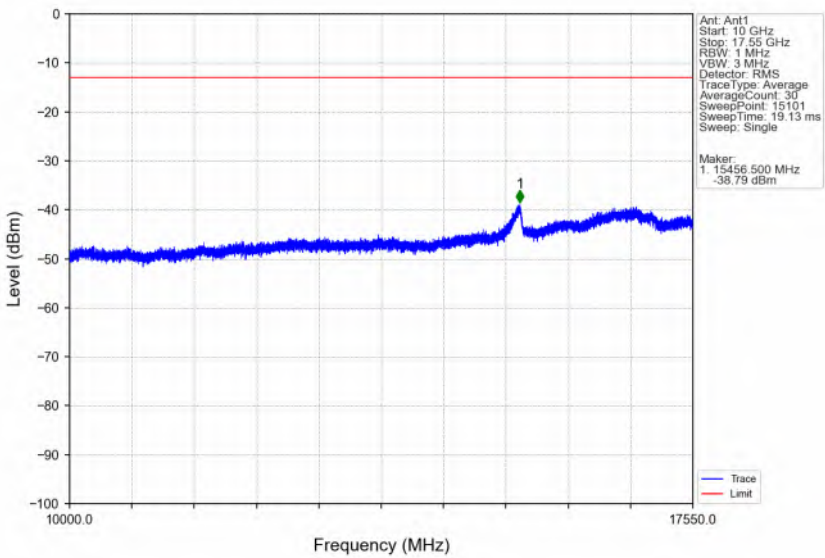
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



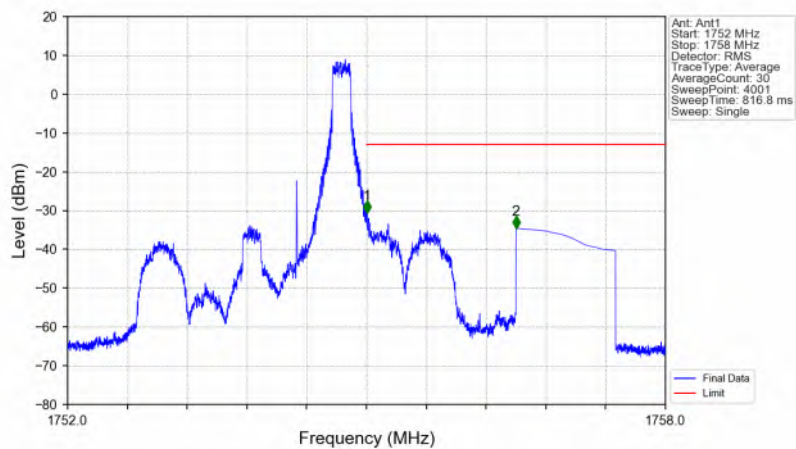
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

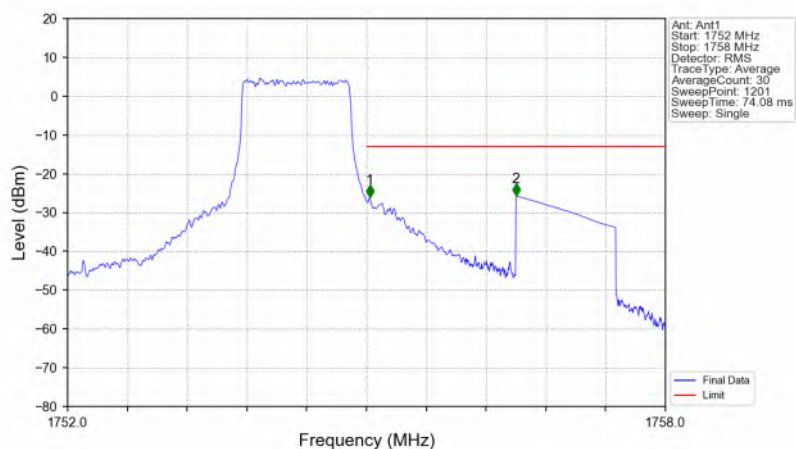


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



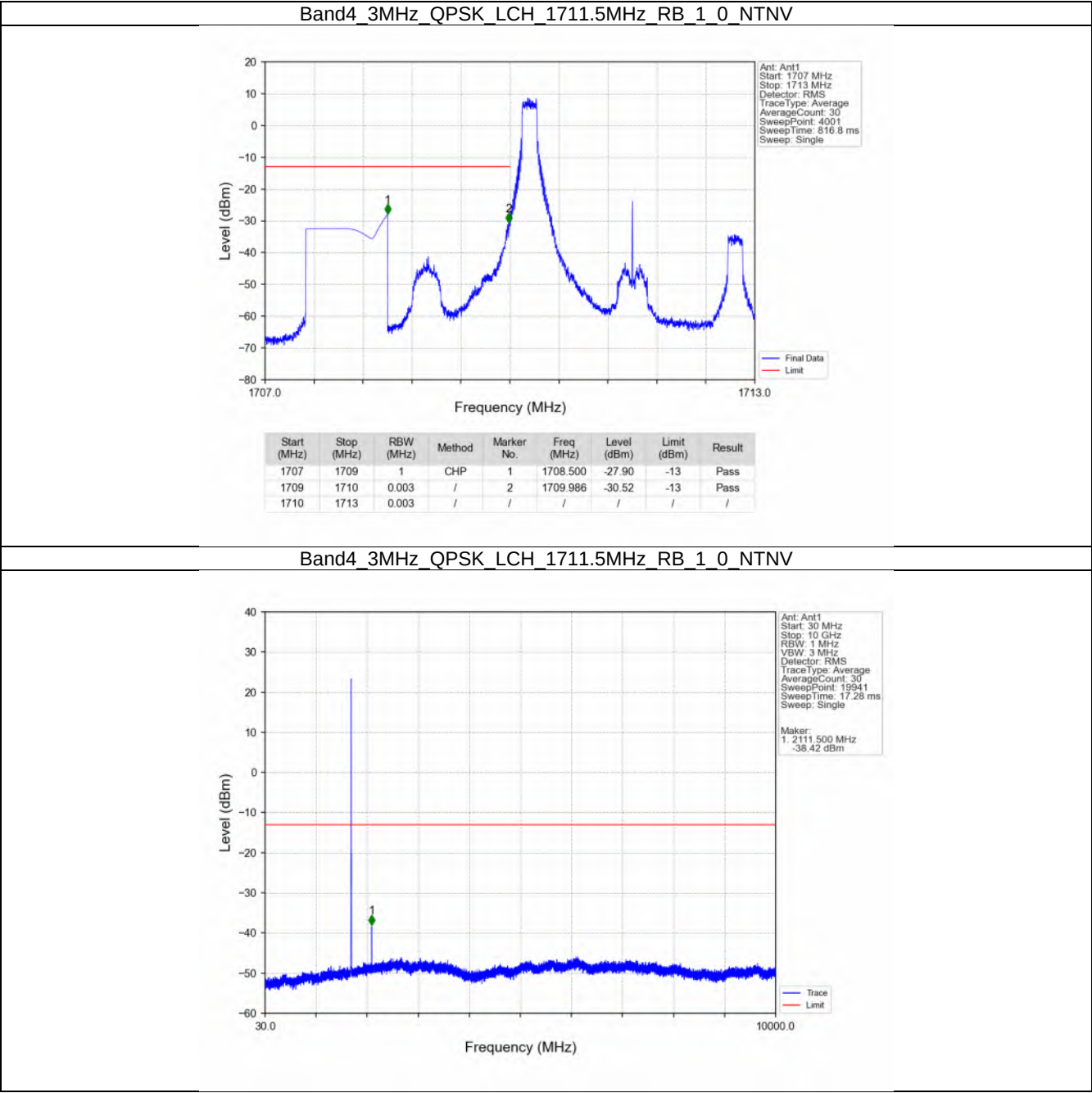
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-30.67	-13	Pass
1756	1758	1	CHP	2	1756.500	-34.59	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

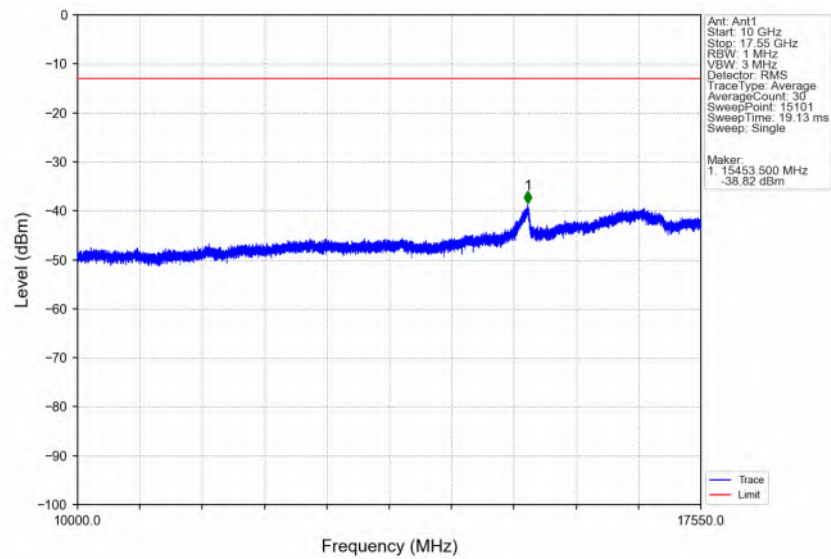


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.035	-26.10	-13	Pass
1756	1758	1	CHP	2	1756.500	-25.70	-13	Pass

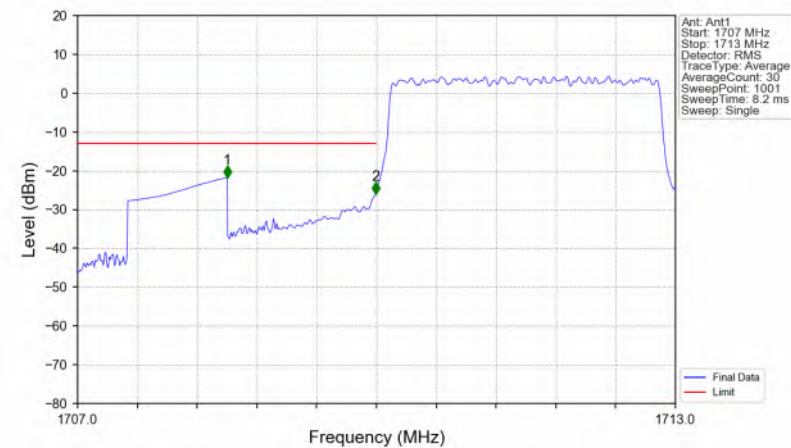
5.2.2 B4_3MHz



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

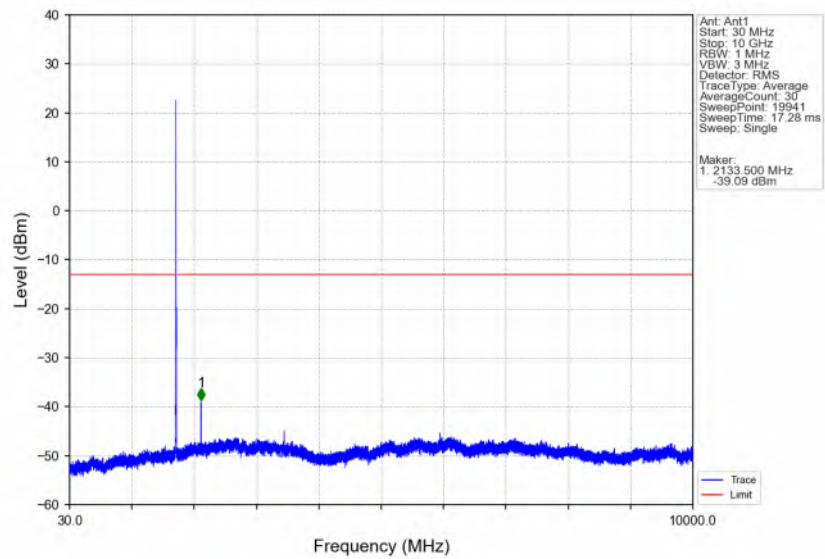


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

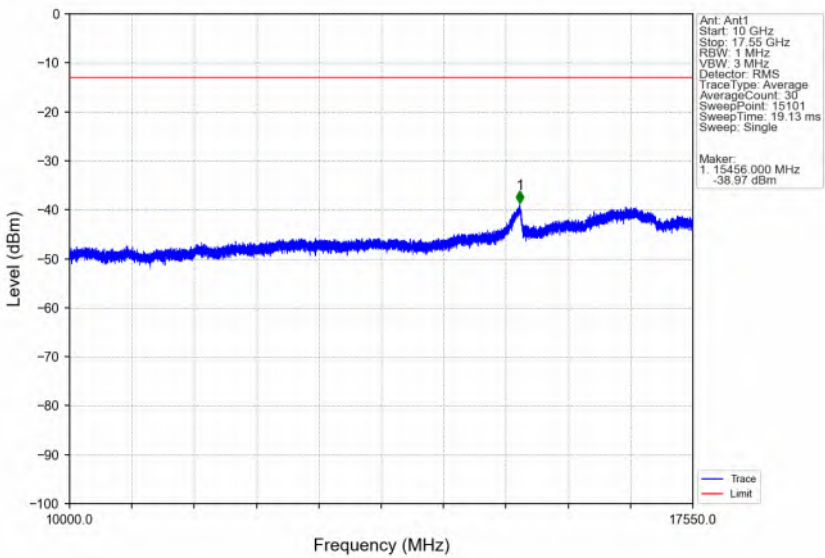


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-21.75	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-25.94	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

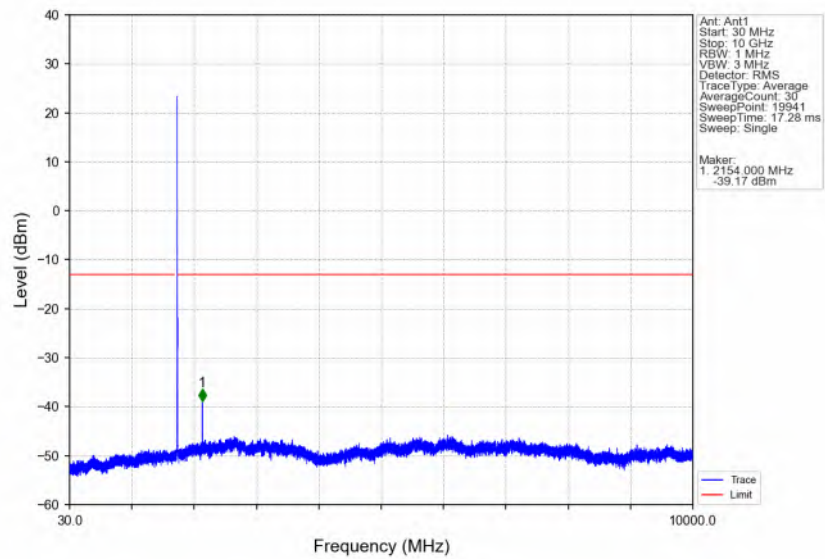
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



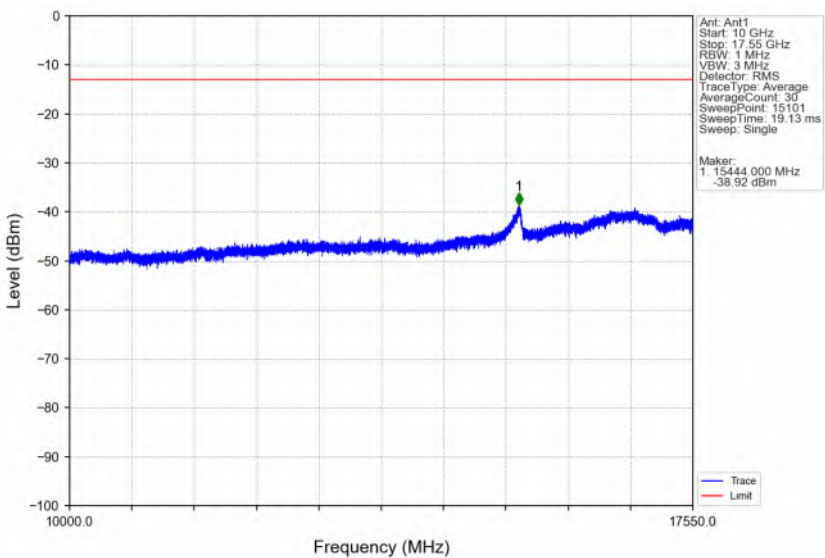
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



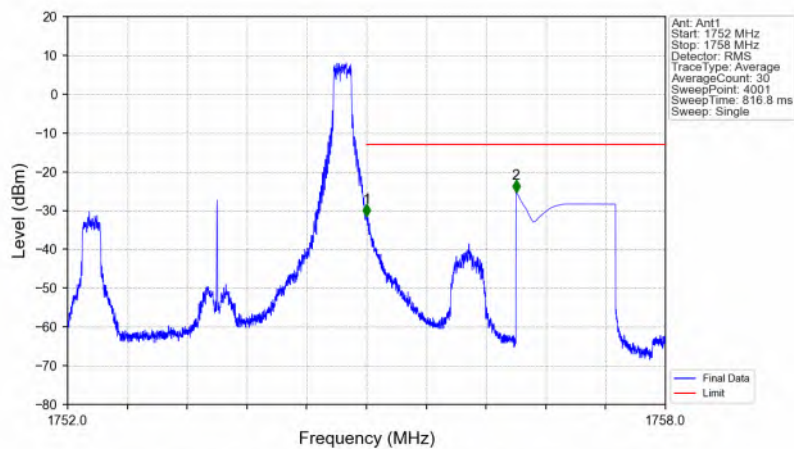
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

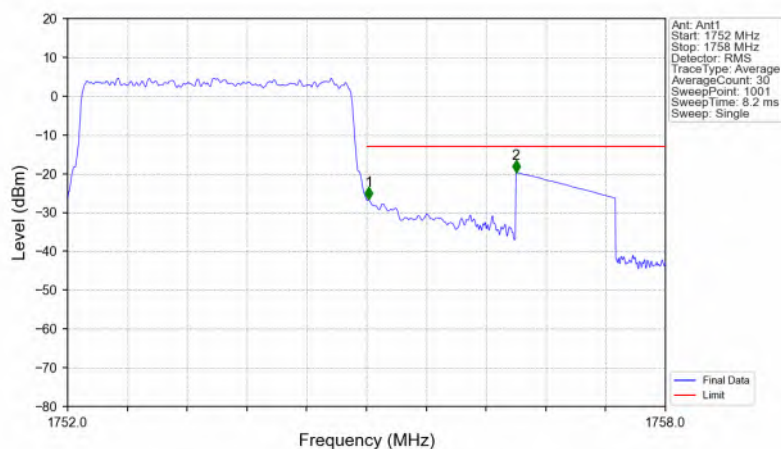


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



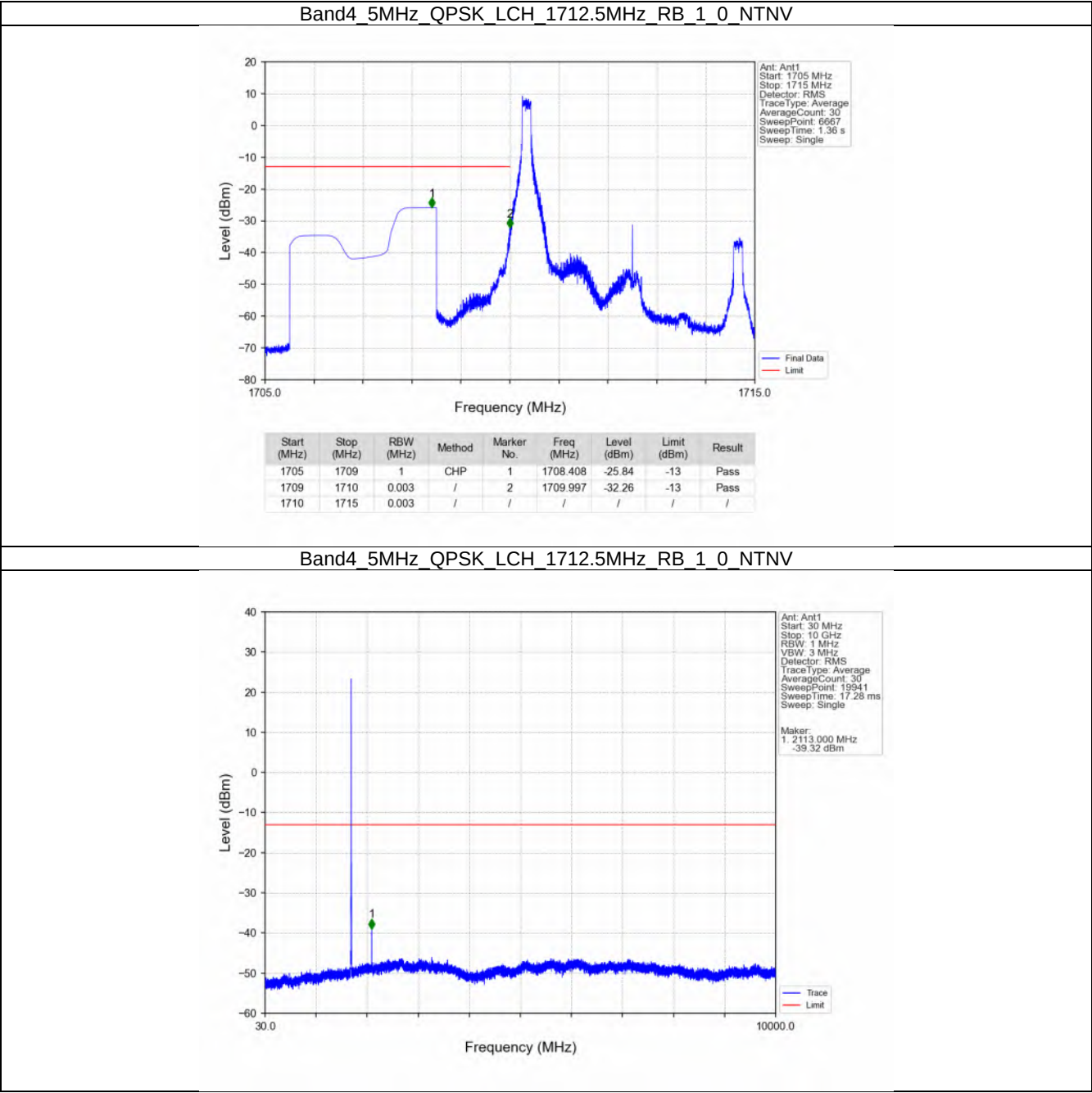
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-31.48	-13	Pass
1756	1758	1	CHP	2	1756.500	-25.26	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

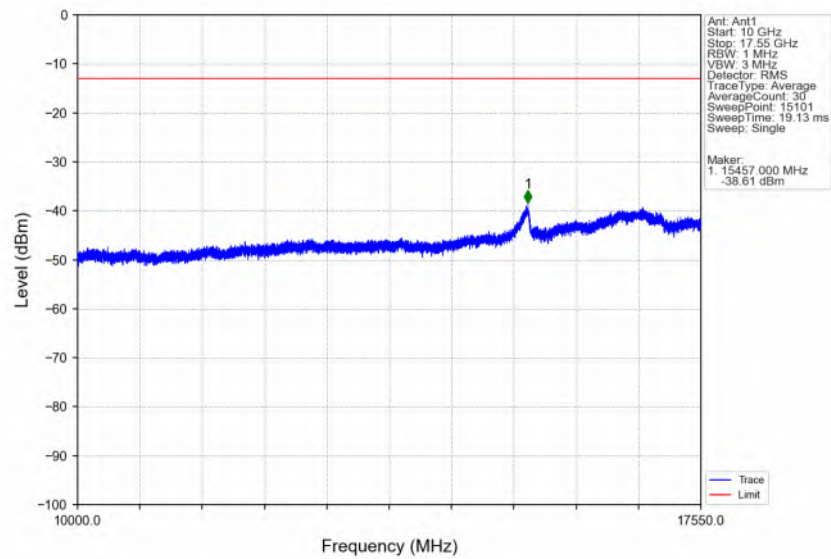


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.024	-26.66	-13	Pass
1756	1758	1	CHP	2	1756.500	-19.64	-13	Pass

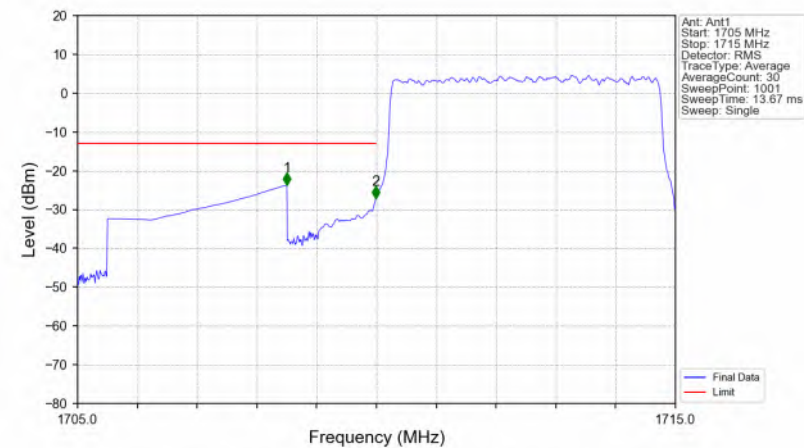
5.2.3 B4_5MHz



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

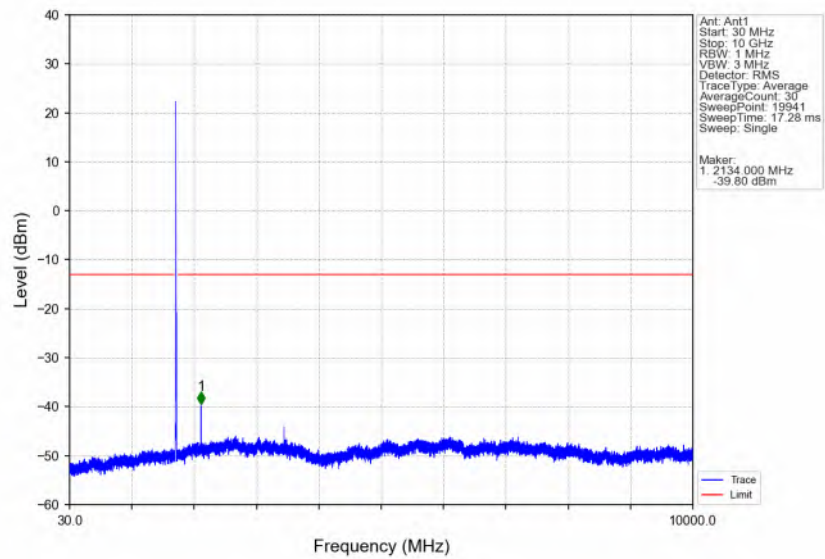


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

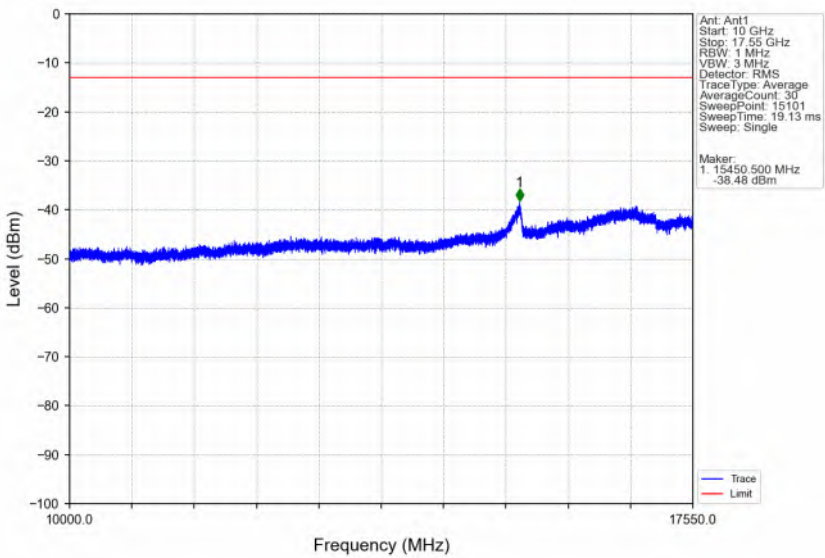


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-23.69	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-27.20	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

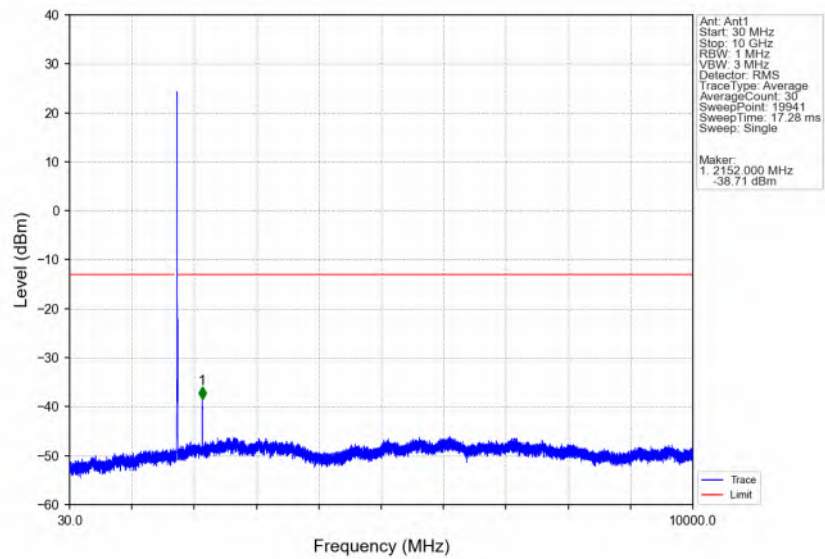
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



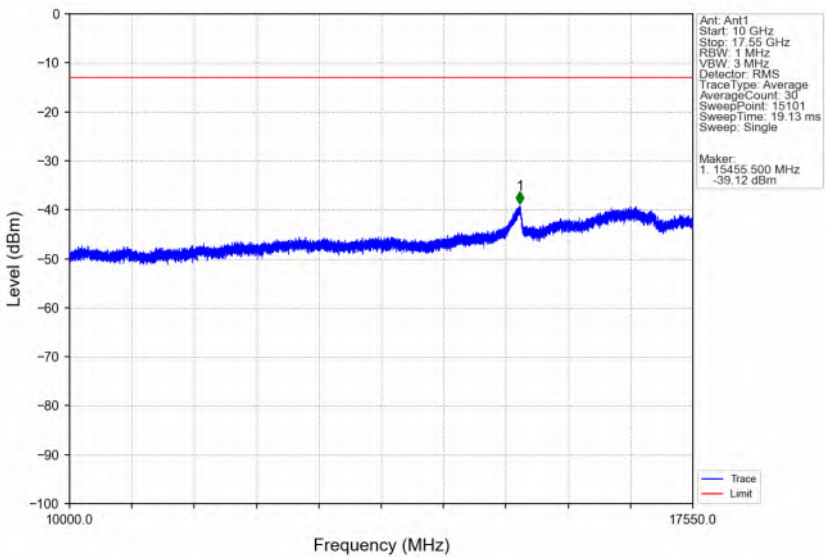
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



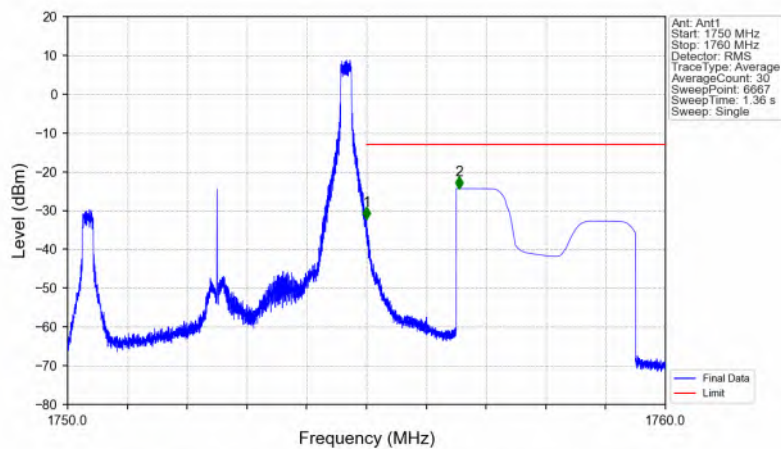
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

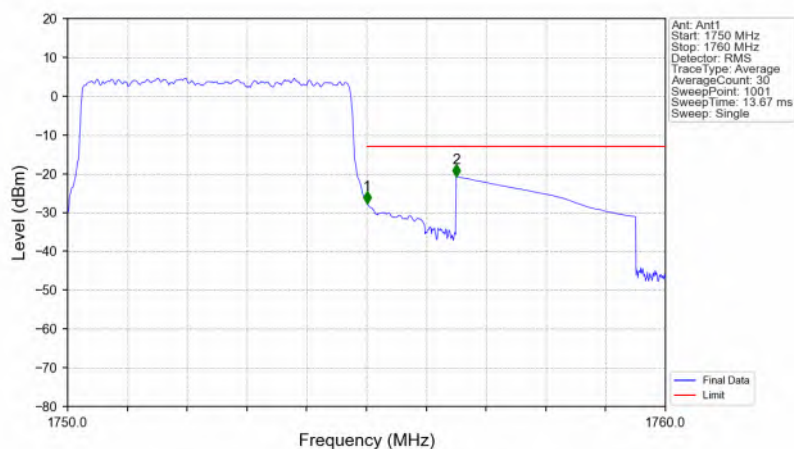


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



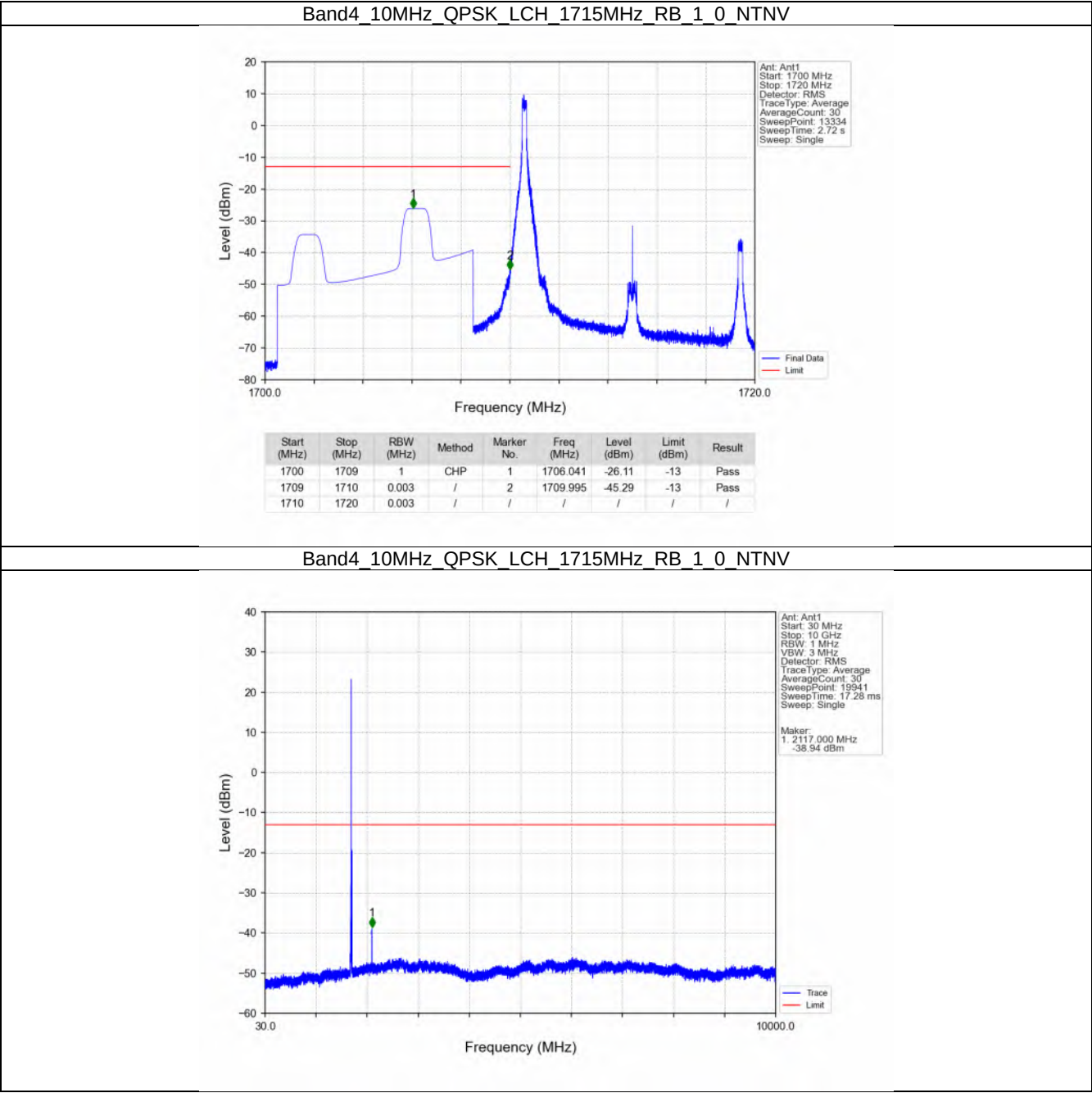
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-32.31	-13	Pass
1756	1760	1	CHP	2	1756.554	-24.36	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV

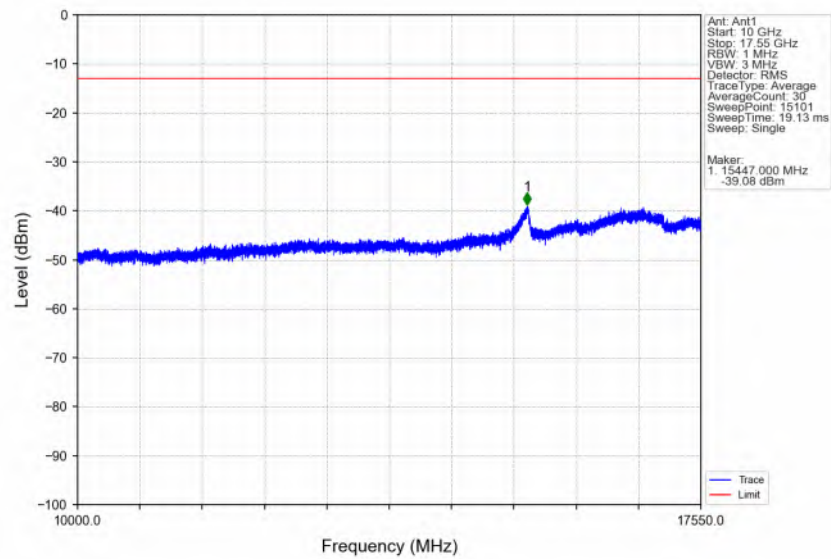


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	CHP	/	/	/	/	/
1755	1756	0.051	CHP	1	1755.010	-27.66	-13	Pass
1756	1760	1	CHP	2	1756.500	-20.74	-13	Pass

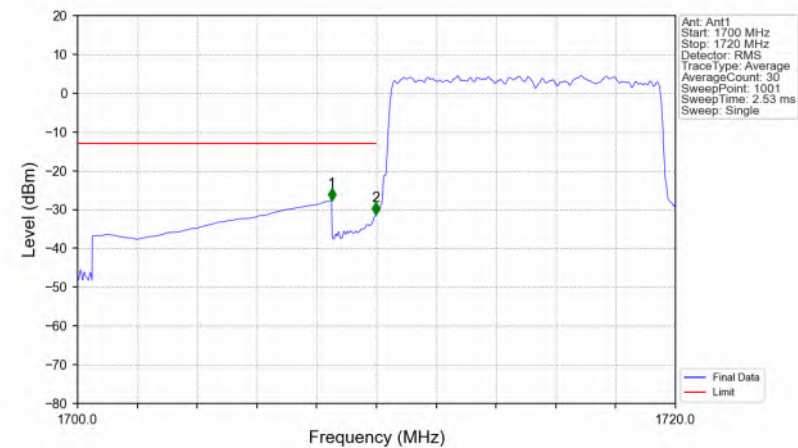
5.2.4 B4_10MHz



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

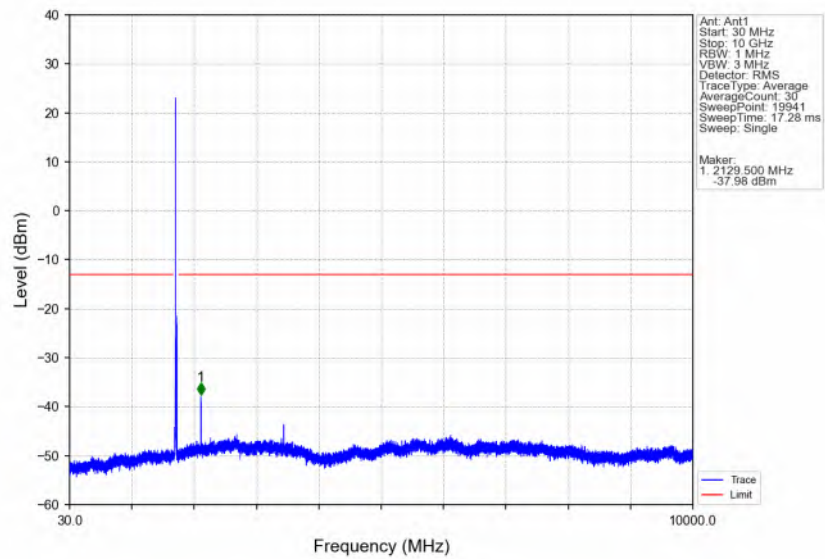


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

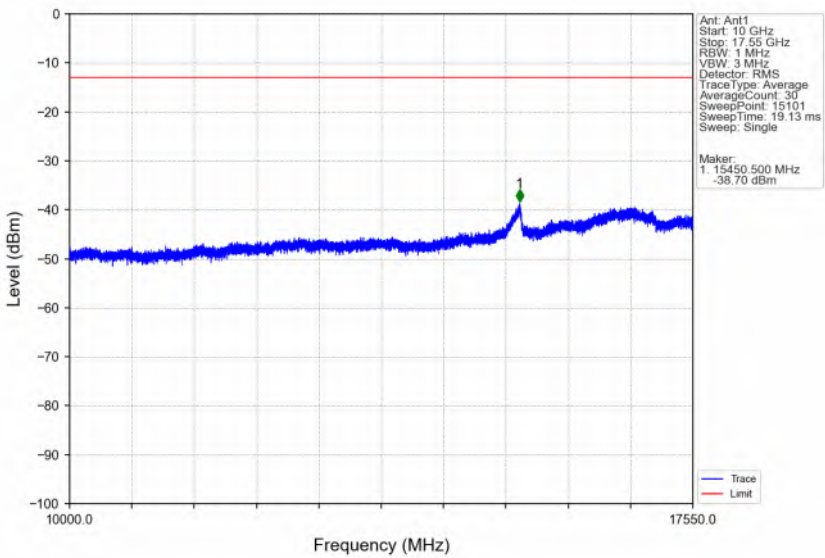


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-27.64	-13	Pass
1709	1710	0.101	CHP	2	1709.980	-31.33	-13	Pass
1710	1720	0.101	CHP	/	/	/	/	/

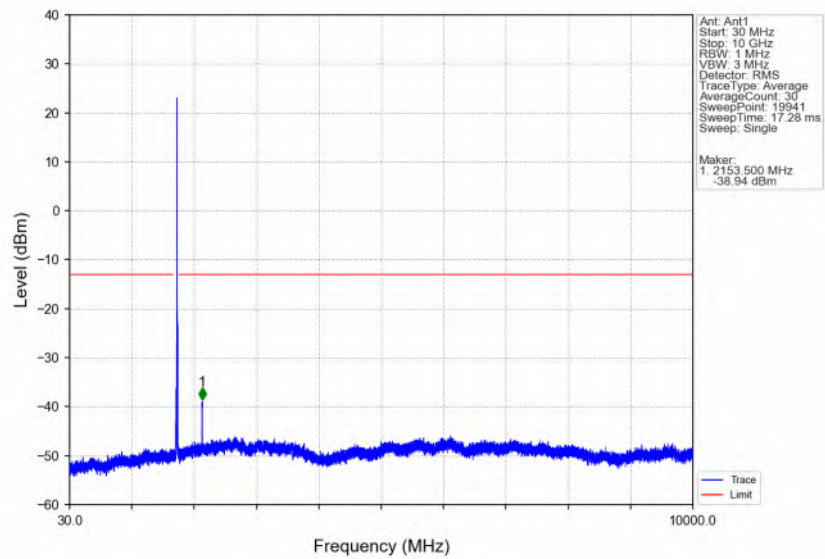
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



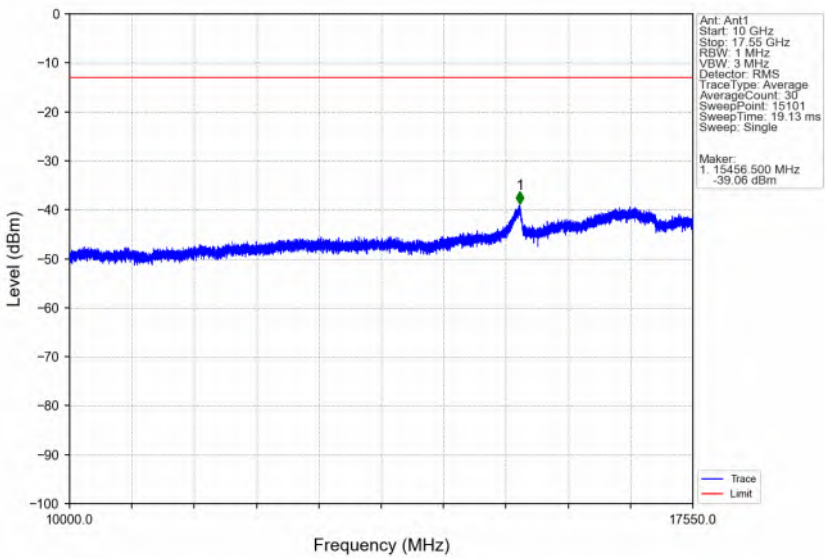
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



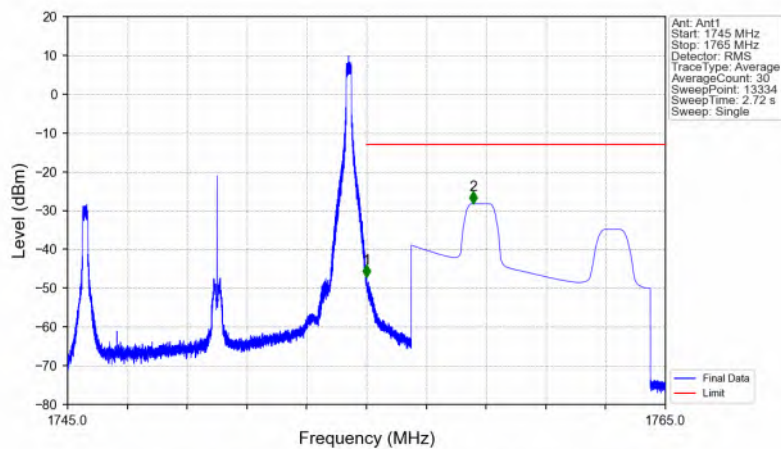
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

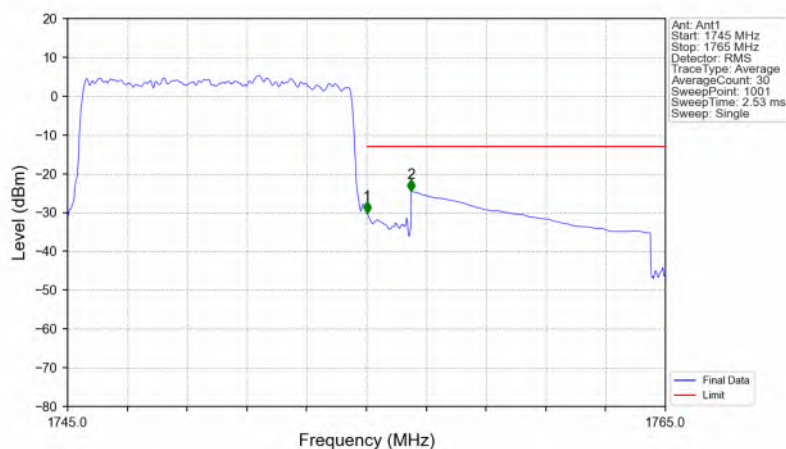


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



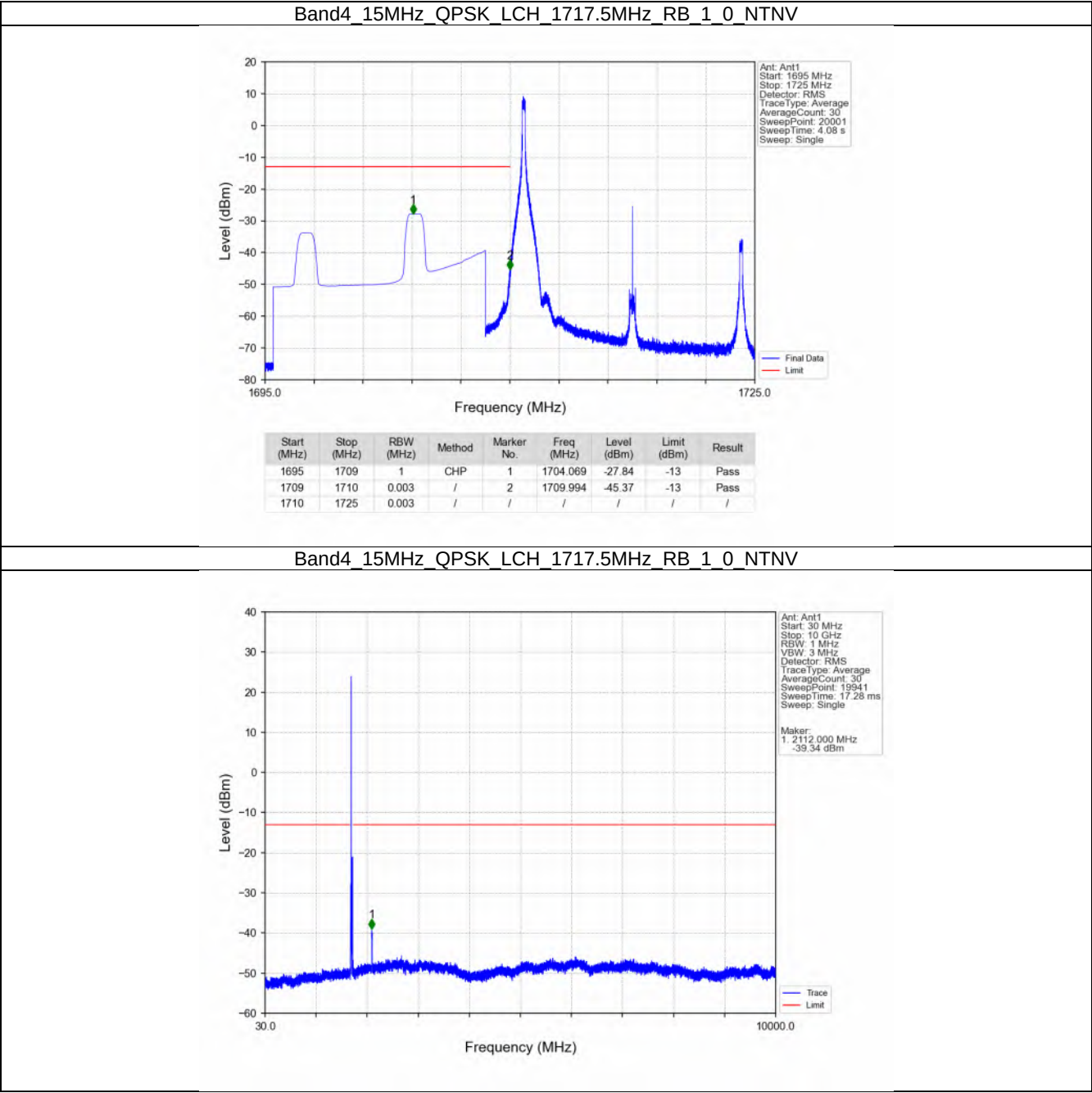
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-47.14	-13	Pass
1756	1765	1	CHP	2	1758.566	-28.24	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50_0 NTNV

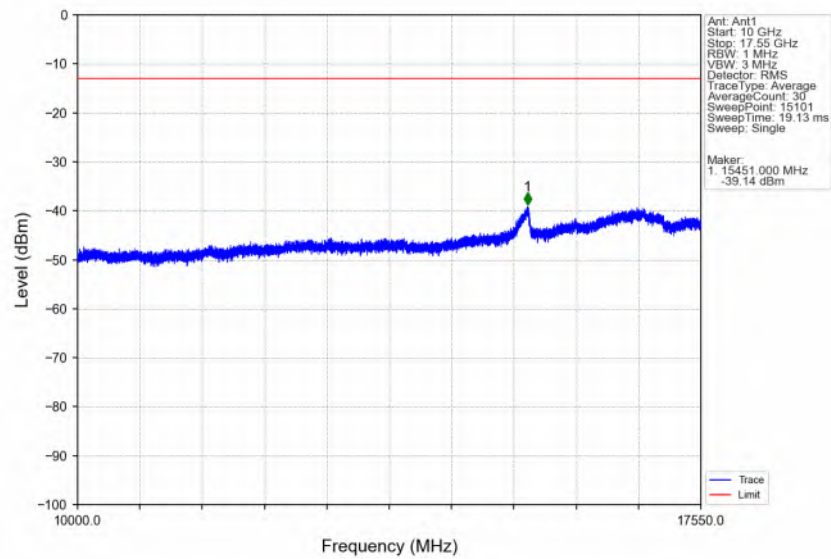


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.101	CHP	/	/	/	/	/
1755	1756	0.101	CHP	1	1755.020	-30.25	-13	Pass
1756	1765	1	CHP	2	1756.500	-24.55	-13	Pass

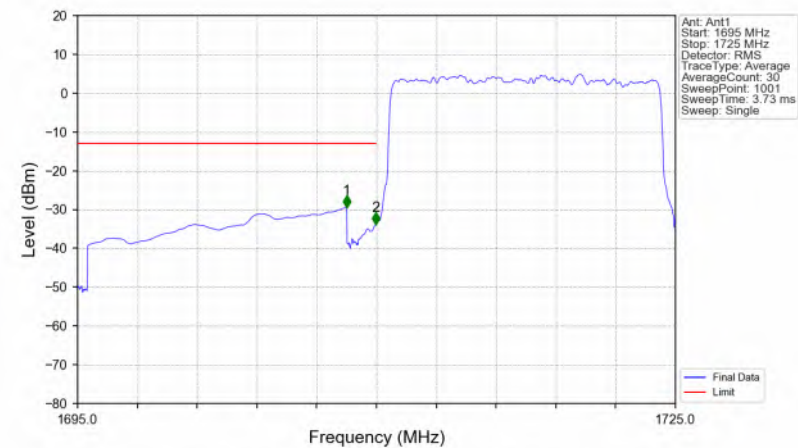
5.2.5 B4_15MHz



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

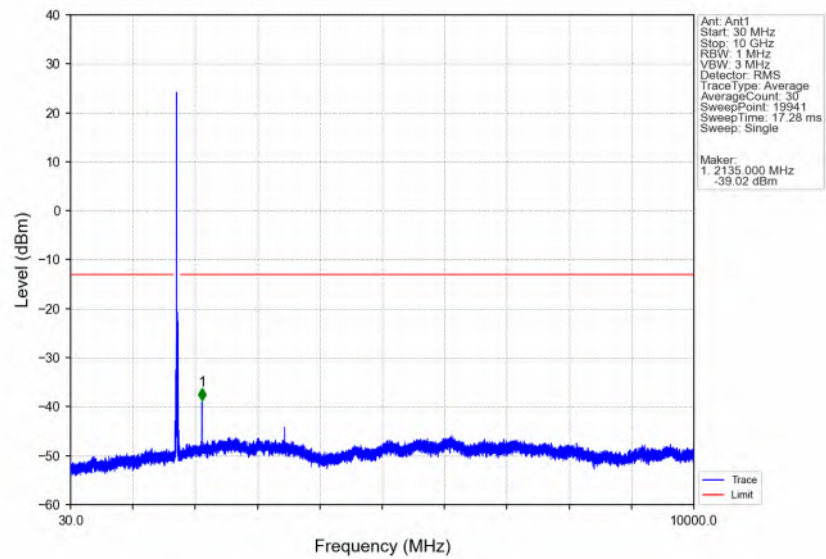


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

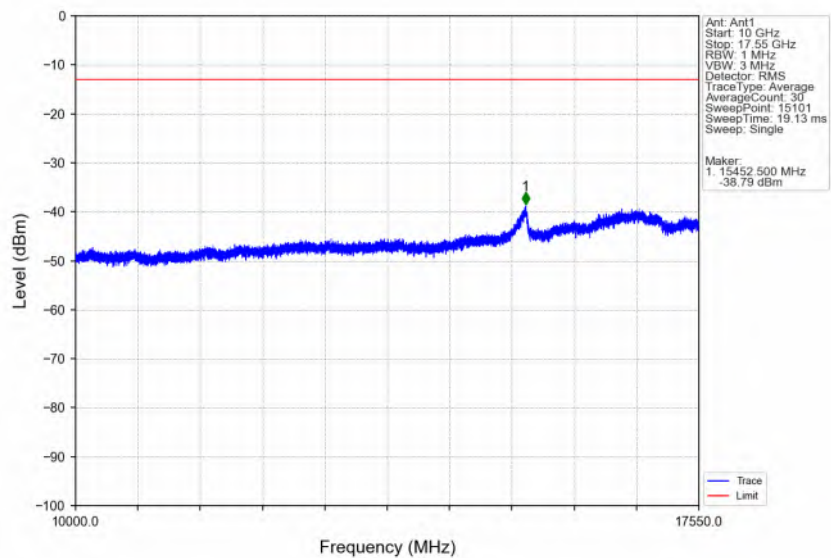


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-29.50	-13	Pass
1709	1710	0.15	CHP	2	1709.970	-33.84	-13	Pass
1710	1725	0.15	CHP	/	/	/	/	/

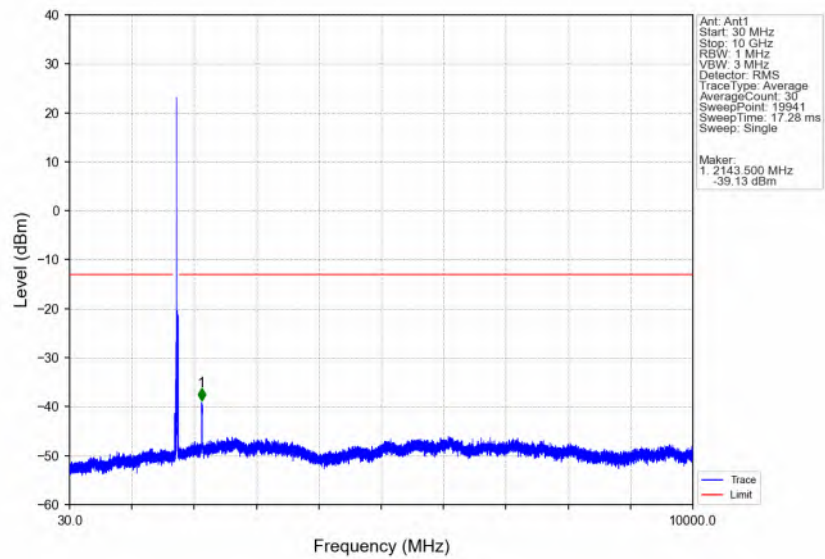
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



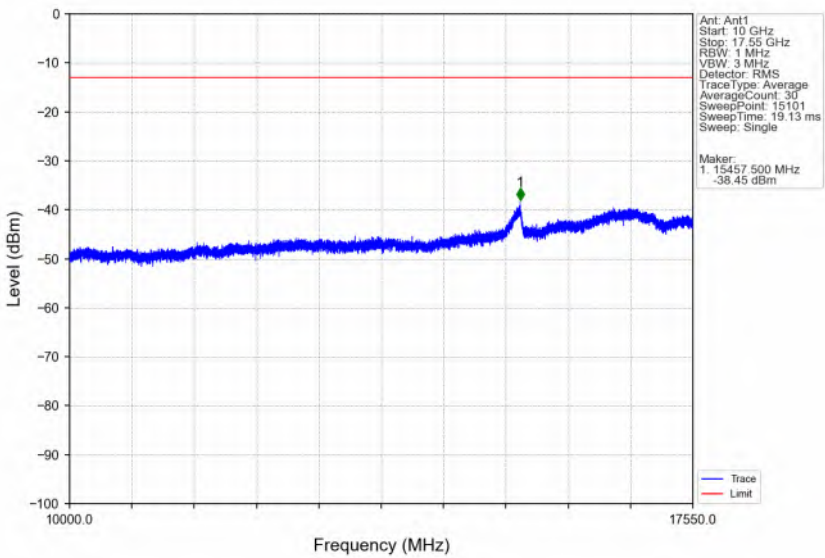
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



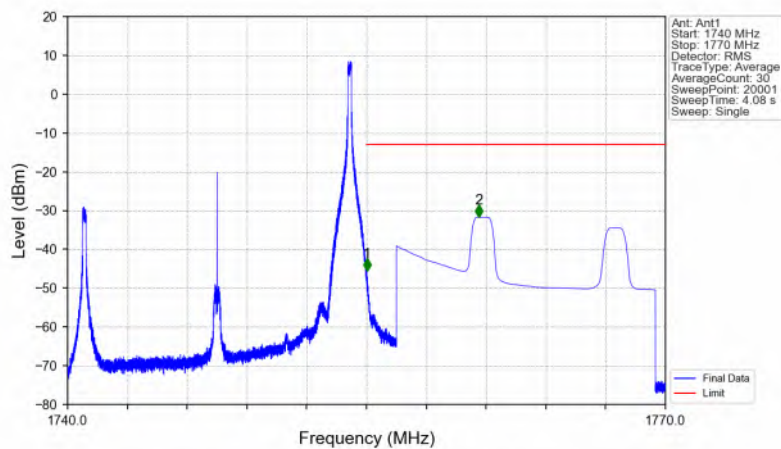
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

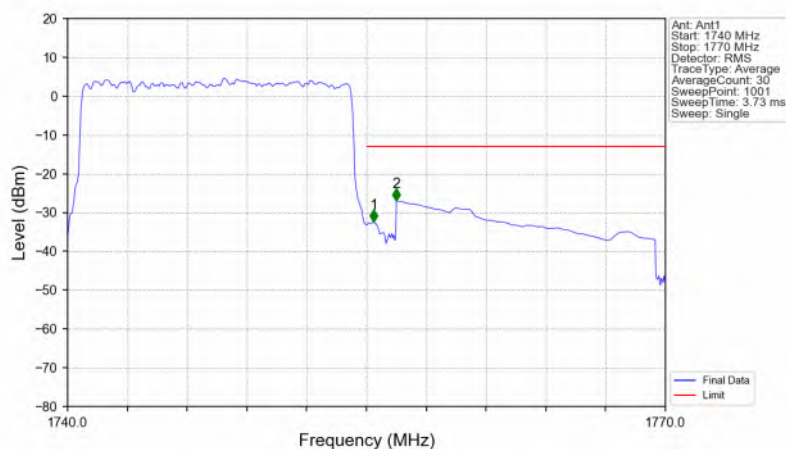


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



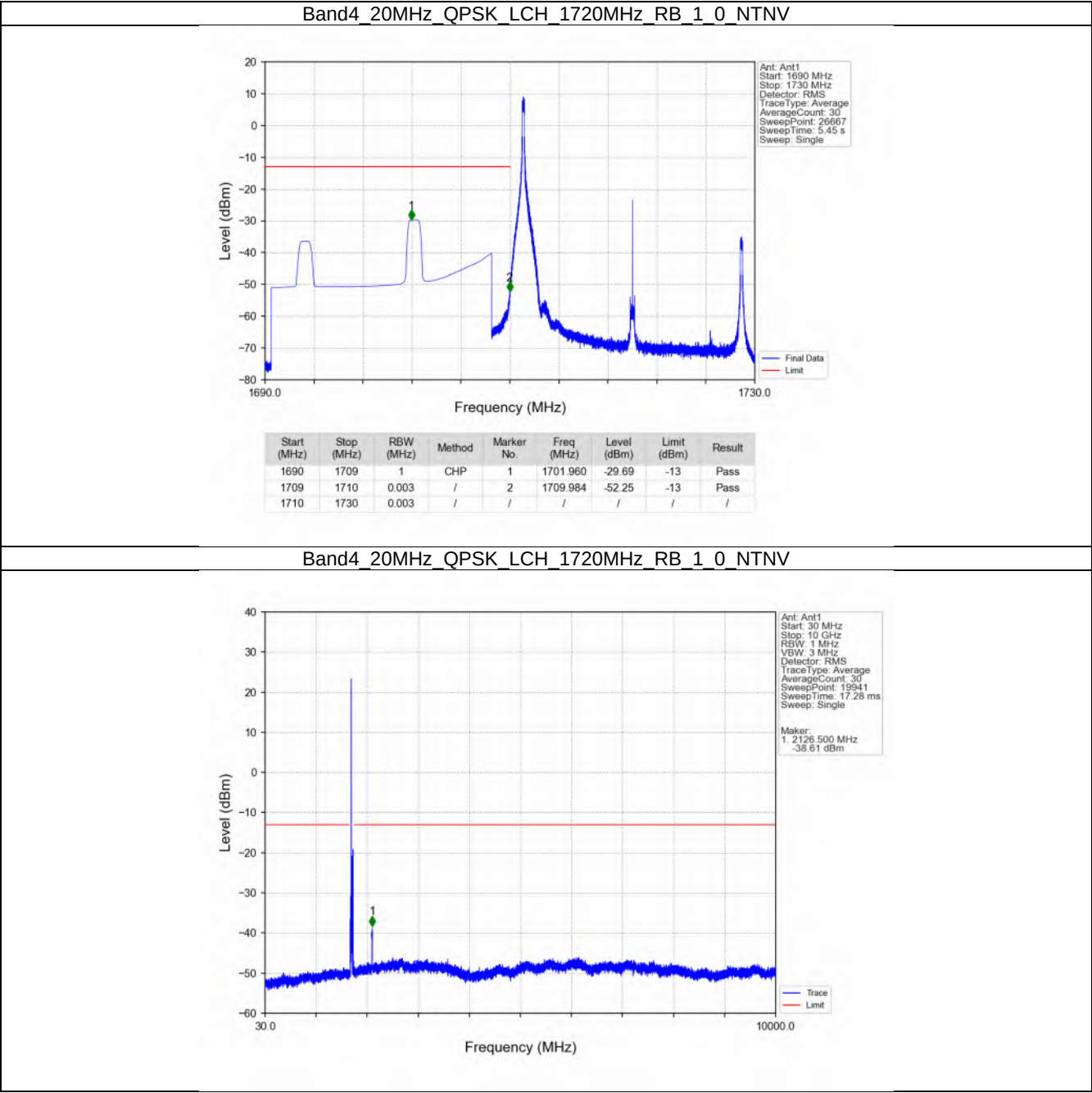
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.020	-45.60	-13	Pass
1756	1770	1	CHP	2	1760.630	-31.75	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

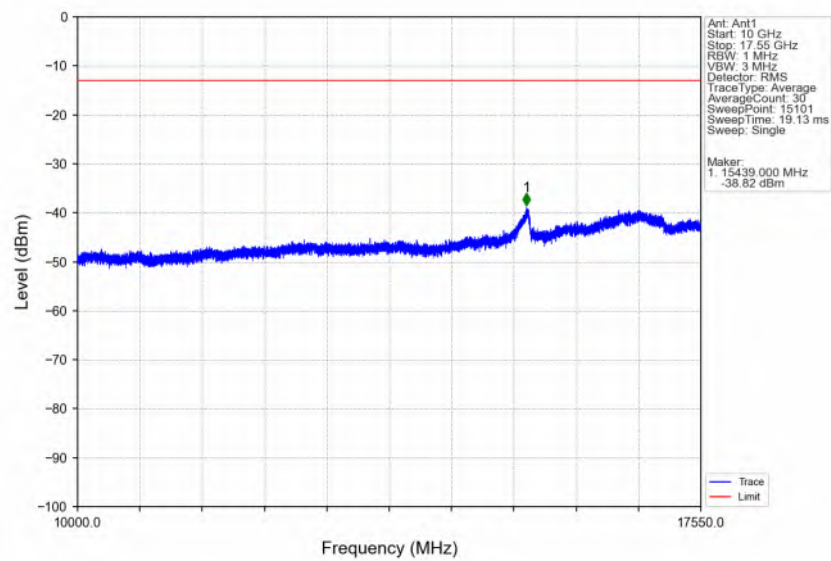


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	CHP	/	/	/	/	/
1755	1756	0.15	CHP	1	1755.360	-32.37	-13	Pass
1756	1770	1	CHP	2	1756.500	-26.97	-13	Pass

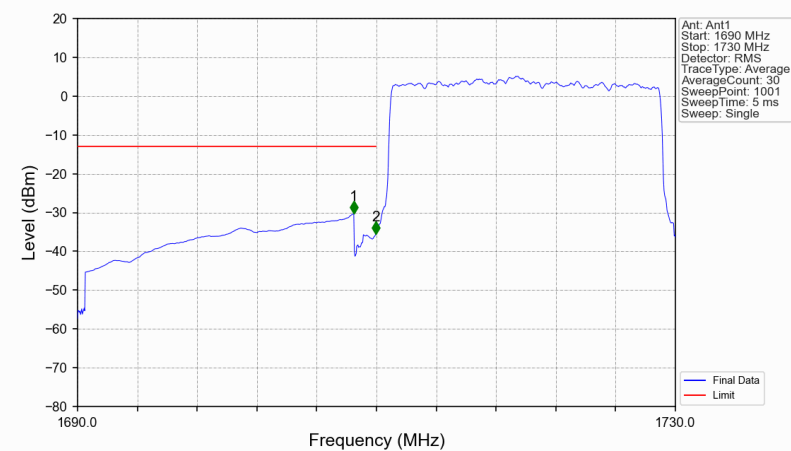
5.2.6 B4_20MHz



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

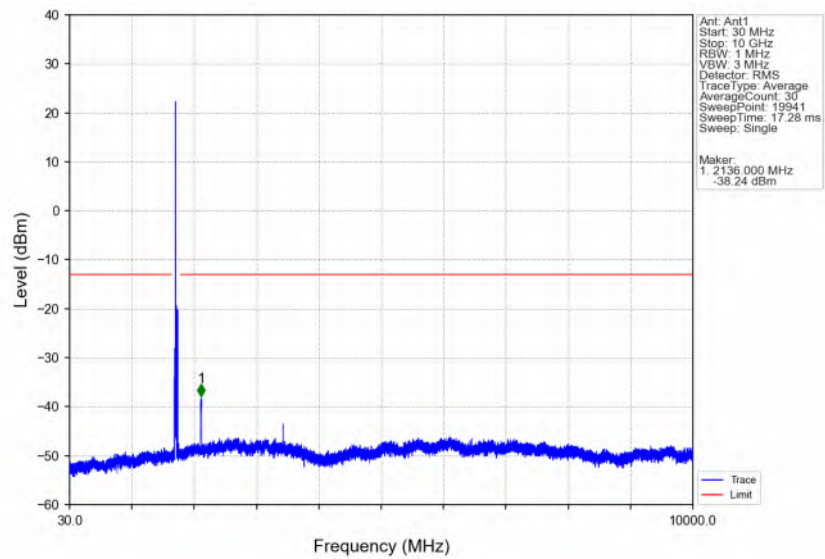


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

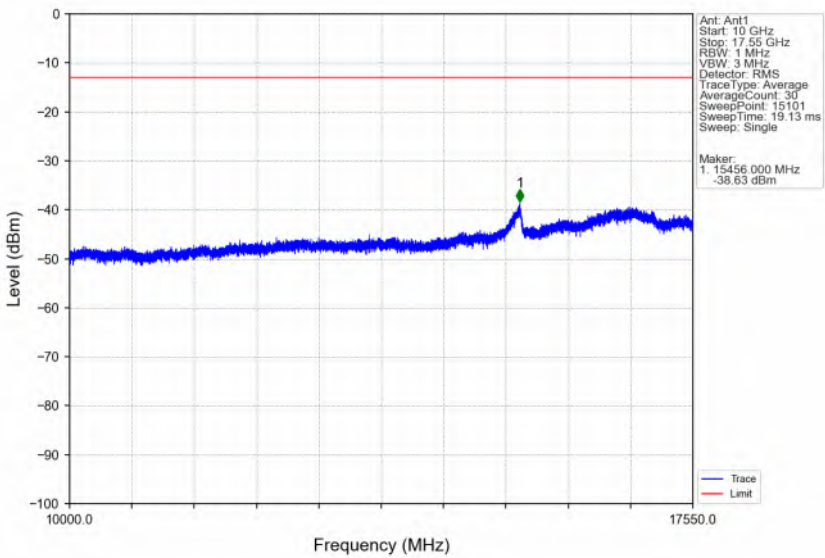


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-30.22	-13	Pass
1709	1710	0.198	CHP	2	1709.960	-35.56	-13	Pass
1710	1730	0.198	CHP	/	/	/	/	/

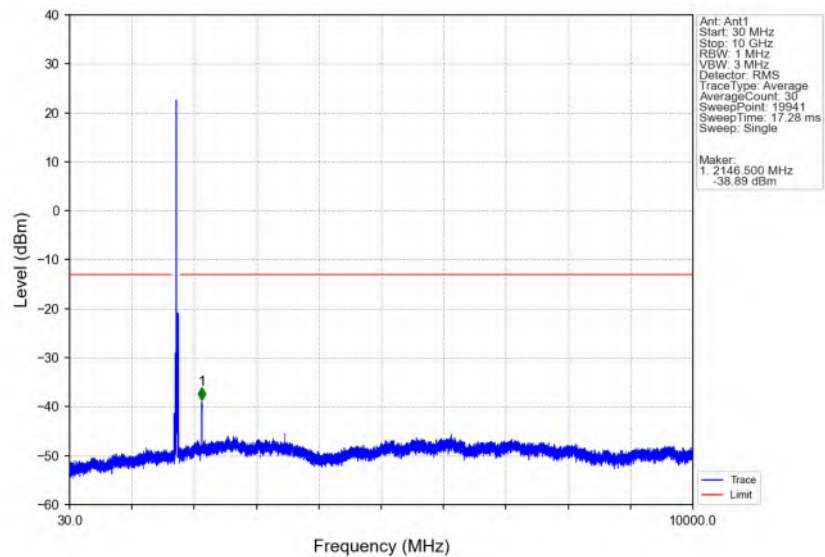
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



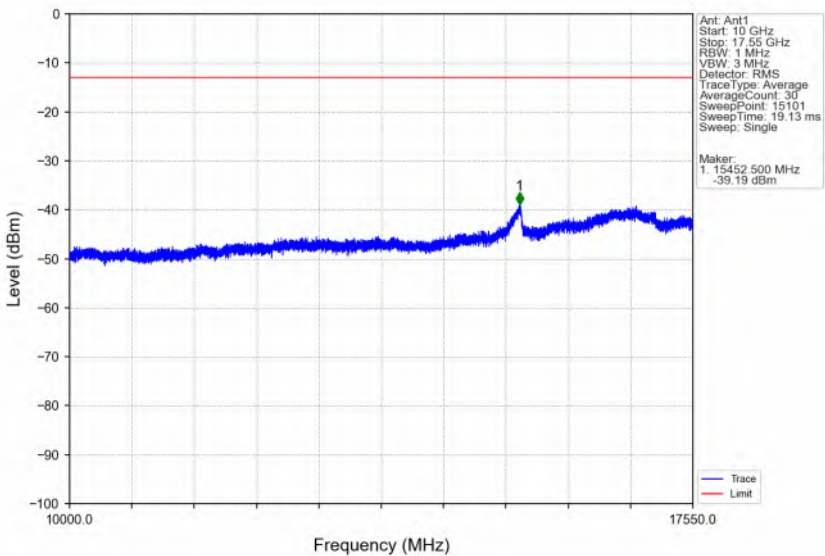
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



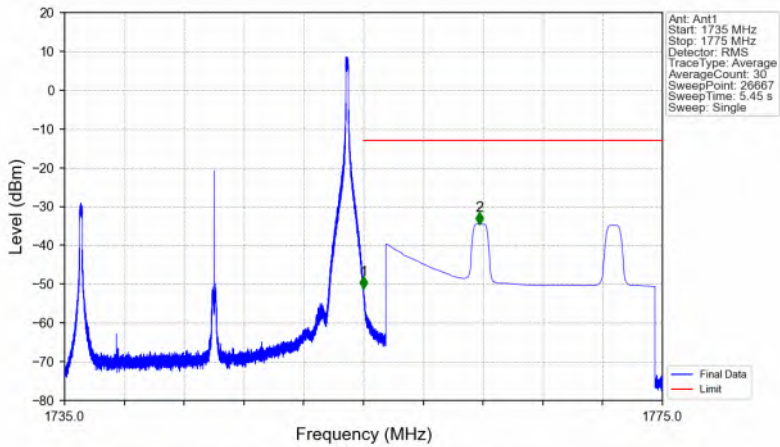
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

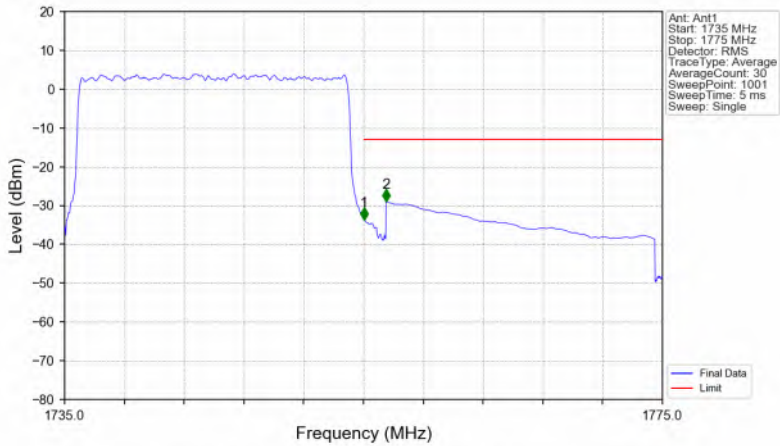


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-51.24	-13	Pass
1756	1775	1	CHP	2	1762.772	-34.54	-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	0.198	CHP	/	/	/	/	/
1755	1756	0.198	CHP	1	1755.040	-33.73	-13	Pass
1756	1775	1	CHP	2	1756.520	-29.01	-13	Pass

---End of Attachment---