

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.46	-1.29	22.17	<=30	Pass
			2	23.42	-1.29	22.13	<=30	Pass
			5	23.48	-1.29	22.19	<=30	Pass
		3	0	23.54	-1.29	22.25	<=30	Pass
			2	23.53	-1.29	22.24	<=30	Pass
			3	23.56	-1.29	22.27	<=30	Pass
		6	0	22.55	-1.29	21.26	<=30	Pass
	1732.5	1	0	23.46	-1.29	22.17	<=30	Pass
			2	23.45	-1.29	22.16	<=30	Pass
			5	23.48	-1.29	22.19	<=30	Pass
		3	0	23.48	-1.29	22.19	<=30	Pass
			2	23.48	-1.29	22.19	<=30	Pass
			3	23.50	-1.29	22.21	<=30	Pass
		6	0	22.44	-1.29	21.15	<=30	Pass
	1754.3	1	0	23.32	-1.29	22.03	<=30	Pass
			2	23.32	-1.29	22.03	<=30	Pass
			5	23.34	-1.29	22.05	<=30	Pass
		3	0	23.35	-1.29	22.06	<=30	Pass
			2	23.35	-1.29	22.06	<=30	Pass
			3	23.35	-1.29	22.06	<=30	Pass
		6	0	22.35	-1.29	21.06	<=30	Pass
16QAM	1710.7	1	0	22.54	-1.29	21.25	<=30	Pass
			2	22.51	-1.29	21.22	<=30	Pass
			5	22.54	-1.29	21.25	<=30	Pass
		3	0	22.72	-1.29	21.43	<=30	Pass
			2	22.73	-1.29	21.44	<=30	Pass
			3	22.77	-1.29	21.48	<=30	Pass
		6	0	21.60	-1.29	20.31	<=30	Pass
	1732.5	1	0	22.48	-1.29	21.19	<=30	Pass
			2	22.48	-1.29	21.19	<=30	Pass
			5	22.52	-1.29	21.23	<=30	Pass
		3	0	22.50	-1.29	21.21	<=30	Pass
			2	22.49	-1.29	21.20	<=30	Pass
			3	22.51	-1.29	21.22	<=30	Pass
		6	0	21.55	-1.29	20.26	<=30	Pass
	1754.3	1	0	22.53	-1.29	21.24	<=30	Pass
			2	22.50	-1.29	21.21	<=30	Pass
			5	22.52	-1.29	21.23	<=30	Pass
		3	0	22.34	-1.29	21.05	<=30	Pass
			2	22.32	-1.29	21.03	<=30	Pass
			3	22.37	-1.29	21.08	<=30	Pass
		6	0	21.50	-1.29	20.21	<=30	Pass
64QAM	1710.7	1	0	22.00	-1.29	20.71	<=30	Pass
			2	22.03	-1.29	20.74	<=30	Pass
			5	22.00	-1.29	20.71	<=30	Pass
		3	0	21.87	-1.29	20.58	<=30	Pass
			2	21.87	-1.29	20.58	<=30	Pass
			3	21.88	-1.29	20.59	<=30	Pass
		6	0	20.56	-1.29	19.27	<=30	Pass

	1732.5	1	0	21.87	-1.29	20.58	<=30	Pass
			2	21.80	-1.29	20.51	<=30	Pass
			5	21.88	-1.29	20.59	<=30	Pass
		3	0	21.54	-1.29	20.25	<=30	Pass
			2	21.55	-1.29	20.26	<=30	Pass
			3	21.55	-1.29	20.26	<=30	Pass
		6	0	20.74	-1.29	19.45	<=30	Pass
	1754.3	1	0	21.70	-1.29	20.41	<=30	Pass
			2	21.69	-1.29	20.40	<=30	Pass
			5	21.66	-1.29	20.37	<=30	Pass
		3	0	21.61	-1.29	20.32	<=30	Pass
			2	21.61	-1.29	20.32	<=30	Pass
			3	21.60	-1.29	20.31	<=30	Pass
		6	0	20.80	-1.29	19.51	<=30	Pass
256QAM	1710.7	1	0	18.77	-1.29	17.48	<=30	Pass
			2	18.81	-1.29	17.52	<=30	Pass
			5	18.78	-1.29	17.49	<=30	Pass
		3	0	18.50	-1.29	17.21	<=30	Pass
			2	18.52	-1.29	17.23	<=30	Pass
			3	18.53	-1.29	17.24	<=30	Pass
		6	0	18.50	-1.29	17.21	<=30	Pass
	1732.5	1	0	18.71	-1.29	17.42	<=30	Pass
			2	18.72	-1.29	17.43	<=30	Pass
			5	18.72	-1.29	17.43	<=30	Pass
		3	0	18.61	-1.29	17.32	<=30	Pass
			2	18.58	-1.29	17.29	<=30	Pass
			3	18.58	-1.29	17.29	<=30	Pass
		6	0	18.67	-1.29	17.38	<=30	Pass
	1754.3	1	0	18.35	-1.29	17.06	<=30	Pass
			2	18.30	-1.29	17.01	<=30	Pass
			5	18.35	-1.29	17.06	<=30	Pass
		3	0	18.33	-1.29	17.04	<=30	Pass
			2	18.33	-1.29	17.04	<=30	Pass
			3	18.33	-1.29	17.04	<=30	Pass
		6	0	18.54	-1.29	17.25	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.48	-1.29	22.19	<=30	Pass
			7	23.54	-1.29	22.25	<=30	Pass
			14	23.50	-1.29	22.21	<=30	Pass
		8	0	22.57	-1.29	21.28	<=30	Pass
			4	22.54	-1.29	21.25	<=30	Pass
			7	22.57	-1.29	21.28	<=30	Pass
		15	0	22.55	-1.29	21.26	<=30	Pass
	1732.5	1	0	23.47	-1.29	22.18	<=30	Pass
			7	23.51	-1.29	22.22	<=30	Pass
			14	23.46	-1.29	22.17	<=30	Pass
		8	0	22.50	-1.29	21.21	<=30	Pass
			4	22.48	-1.29	21.19	<=30	Pass
			7	22.51	-1.29	21.22	<=30	Pass
	1753.5	15	0	22.48	-1.29	21.19	<=30	Pass
	1753.5	1	0	23.32	-1.29	22.03	<=30	Pass

		8	7	23.37	-1.29	22.08	<=30	Pass
			14	23.37	-1.29	22.08	<=30	Pass
			0	22.35	-1.29	21.06	<=30	Pass
			4	22.32	-1.29	21.03	<=30	Pass
			7	22.35	-1.29	21.06	<=30	Pass
		15	0	22.37	-1.29	21.08	<=30	Pass
16QAM	1711.5	1	0	22.71	-1.29	21.42	<=30	Pass
			7	22.74	-1.29	21.45	<=30	Pass
			14	22.68	-1.29	21.39	<=30	Pass
		8	0	21.59	-1.29	20.30	<=30	Pass
			4	21.59	-1.29	20.30	<=30	Pass
			7	21.60	-1.29	20.31	<=30	Pass
		15	0	21.57	-1.29	20.28	<=30	Pass
	1732.5	1	0	22.69	-1.29	21.40	<=30	Pass
			7	22.72	-1.29	21.43	<=30	Pass
			14	22.64	-1.29	21.35	<=30	Pass
		8	0	21.66	-1.29	20.37	<=30	Pass
			4	21.64	-1.29	20.35	<=30	Pass
			7	21.67	-1.29	20.38	<=30	Pass
		15	0	21.65	-1.29	20.36	<=30	Pass
	1753.5	1	0	22.39	-1.29	21.10	<=30	Pass
			7	22.41	-1.29	21.12	<=30	Pass
			14	22.38	-1.29	21.09	<=30	Pass
		8	0	21.61	-1.29	20.32	<=30	Pass
			4	21.59	-1.29	20.30	<=30	Pass
			7	21.59	-1.29	20.30	<=30	Pass
		15	0	21.54	-1.29	20.25	<=30	Pass
64QAM	1711.5	1	0	21.70	-1.29	20.41	<=30	Pass
			7	21.72	-1.29	20.43	<=30	Pass
			14	21.74	-1.29	20.45	<=30	Pass
		8	0	20.66	-1.29	19.37	<=30	Pass
			4	20.65	-1.29	19.36	<=30	Pass
			7	20.65	-1.29	19.36	<=30	Pass
		15	0	20.64	-1.29	19.35	<=30	Pass
	1732.5	1	0	21.41	-1.29	20.12	<=30	Pass
			7	21.40	-1.29	20.11	<=30	Pass
			14	21.41	-1.29	20.12	<=30	Pass
		8	0	21.40	-1.29	20.11	<=30	Pass
			4	21.41	-1.29	20.12	<=30	Pass
			7	21.41	-1.29	20.12	<=30	Pass
		15	0	21.40	-1.29	20.11	<=30	Pass
	1753.5	1	0	21.76	-1.29	20.47	<=30	Pass
			7	21.73	-1.29	20.44	<=30	Pass
			14	21.69	-1.29	20.40	<=30	Pass
		8	0	20.44	-1.29	19.15	<=30	Pass
			4	20.40	-1.29	19.11	<=30	Pass
			7	20.43	-1.29	19.14	<=30	Pass
		15	0	20.57	-1.29	19.28	<=30	Pass
256QAM	1711.5	1	0	18.40	-1.29	17.11	<=30	Pass
			7	18.37	-1.29	17.08	<=30	Pass
			14	18.36	-1.29	17.07	<=30	Pass
		8	0	18.54	-1.29	17.25	<=30	Pass
			4	18.54	-1.29	17.25	<=30	Pass
			7	18.53	-1.29	17.24	<=30	Pass
		15	0	18.70	-1.29	17.41	<=30	Pass
	1732.5	1	0	18.69	-1.29	17.40	<=30	Pass
			7	18.70	-1.29	17.41	<=30	Pass
			14	18.71	-1.29	17.42	<=30	Pass
		8	0	18.72	-1.29	17.43	<=30	Pass

			4	18.71	-1.29	17.42	<=30	Pass
			7	18.70	-1.29	17.41	<=30	Pass
		15	0	18.65	-1.29	17.36	<=30	Pass
	1753.5	1	0	18.58	-1.29	17.29	<=30	Pass
			7	18.59	-1.29	17.30	<=30	Pass
			14	18.57	-1.29	17.28	<=30	Pass
		8	0	18.59	-1.29	17.30	<=30	Pass
			4	18.57	-1.29	17.28	<=30	Pass
			7	18.57	-1.29	17.28	<=30	Pass
		15	0	18.53	-1.29	17.24	<=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	23.63	-1.29	22.34	<=30	Pass
			13	23.66	-1.29	22.37	<=30	Pass
			24	23.66	-1.29	22.37	<=30	Pass
		12	0	22.60	-1.29	21.31	<=30	Pass
			6	22.58	-1.29	21.29	<=30	Pass
			13	22.59	-1.29	21.30	<=30	Pass
		25	0	22.66	-1.29	21.37	<=30	Pass
	1732.5	1	0	23.66	-1.29	22.37	<=30	Pass
			13	23.61	-1.29	22.32	<=30	Pass
			24	23.61	-1.29	22.32	<=30	Pass
		12	0	22.53	-1.29	21.24	<=30	Pass
			6	22.52	-1.29	21.23	<=30	Pass
			13	22.52	-1.29	21.23	<=30	Pass
		25	0	22.57	-1.29	21.28	<=30	Pass
	1752.5	1	0	23.42	-1.29	22.13	<=30	Pass
			13	23.40	-1.29	22.11	<=30	Pass
			24	23.45	-1.29	22.16	<=30	Pass
		12	0	22.41	-1.29	21.12	<=30	Pass
			6	22.40	-1.29	21.11	<=30	Pass
			13	22.40	-1.29	21.11	<=30	Pass
		25	0	22.45	-1.29	21.16	<=30	Pass
16QAM	1712.5	1	0	22.48	-1.29	21.19	<=30	Pass
			13	22.48	-1.29	21.19	<=30	Pass
			24	22.51	-1.29	21.22	<=30	Pass
		12	0	21.68	-1.29	20.39	<=30	Pass
			6	21.66	-1.29	20.37	<=30	Pass
			13	21.69	-1.29	20.40	<=30	Pass
		25	0	21.70	-1.29	20.41	<=30	Pass
	1732.5	1	0	22.46	-1.29	21.17	<=30	Pass
			13	22.42	-1.29	21.13	<=30	Pass
			24	22.43	-1.29	21.14	<=30	Pass
		12	0	21.74	-1.29	20.45	<=30	Pass
			6	21.73	-1.29	20.44	<=30	Pass
			13	21.74	-1.29	20.45	<=30	Pass
		25	0	21.76	-1.29	20.47	<=30	Pass
	1752.5	1	0	22.67	-1.29	21.38	<=30	Pass
			13	22.67	-1.29	21.38	<=30	Pass
			24	22.69	-1.29	21.40	<=30	Pass
		12	0	21.65	-1.29	20.36	<=30	Pass
			6	21.62	-1.29	20.33	<=30	Pass

			13	21.61	-1.29	20.32	<=30	Pass	
		25	0	21.59	-1.29	20.30	<=30	Pass	
64QAM	1712.5	1	0	21.57	-1.29	20.28	<=30	Pass	
			13	21.56	-1.29	20.27	<=30	Pass	
			24	21.63	-1.29	20.34	<=30	Pass	
			0	20.70	-1.29	19.41	<=30	Pass	
		12	6	20.69	-1.29	19.40	<=30	Pass	
			13	20.70	-1.29	19.41	<=30	Pass	
			25	0	20.65	-1.29	19.36	<=30	Pass
		1732.5	1	0	21.96	-1.29	20.67	<=30	Pass
				13	21.94	-1.29	20.65	<=30	Pass
				24	21.95	-1.29	20.66	<=30	Pass
	0			21.94	-1.29	20.65	<=30	Pass	
	12		6	21.95	-1.29	20.66	<=30	Pass	
			13	21.94	-1.29	20.65	<=30	Pass	
			25	0	21.95	-1.29	20.66	<=30	Pass
	1752.5		1	0	21.93	-1.29	20.64	<=30	Pass
		13		21.93	-1.29	20.64	<=30	Pass	
		24		21.93	-1.29	20.64	<=30	Pass	
		0		20.56	-1.29	19.27	<=30	Pass	
		12	6	20.53	-1.29	19.24	<=30	Pass	
			13	20.52	-1.29	19.23	<=30	Pass	
			25	0	20.56	-1.29	19.27	<=30	Pass
		256QAM	1712.5	1	0	18.34	-1.29	17.05	<=30
	13				18.36	-1.29	17.07	<=30	Pass
24	18.41				-1.29	17.12	<=30	Pass	
12	0			18.71	-1.29	17.42	<=30	Pass	
	6			18.69	-1.29	17.40	<=30	Pass	
	13			18.71	-1.29	17.42	<=30	Pass	
25	0			18.72	-1.29	17.43	<=30	Pass	
1732.5	1		0	18.88	-1.29	17.59	<=30	Pass	
			13	18.86	-1.29	17.57	<=30	Pass	
			24	18.87	-1.29	17.58	<=30	Pass	
	12		0	18.73	-1.29	17.44	<=30	Pass	
			6	18.71	-1.29	17.42	<=30	Pass	
			13	18.71	-1.29	17.42	<=30	Pass	
1752.5	25		0	18.67	-1.29	17.38	<=30	Pass	
			1	0	18.80	-1.29	17.51	<=30	Pass
				13	18.76	-1.29	17.47	<=30	Pass
	24			18.76	-1.29	17.47	<=30	Pass	
	12		0	18.64	-1.29	17.35	<=30	Pass	
			6	18.62	-1.29	17.33	<=30	Pass	
			13	18.60	-1.29	17.31	<=30	Pass	
25	0		18.60	-1.29	17.31	<=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	23.58	-1.29	22.29	<=30	Pass
			25	23.53	-1.29	22.24	<=30	Pass
			49	23.62	-1.29	22.33	<=30	Pass
		25	0	22.62	-1.29	21.33	<=30	Pass
			13	22.58	-1.29	21.29	<=30	Pass
			25	22.67	-1.29	21.38	<=30	Pass

		50	0	22.64	-1.29	21.35	<=30	Pass
	1732.5	1	0	23.63	-1.29	22.34	<=30	Pass
			25	23.54	-1.29	22.25	<=30	Pass
			49	23.53	-1.29	22.24	<=30	Pass
			0	22.57	-1.29	21.28	<=30	Pass
		25	13	22.51	-1.29	21.22	<=30	Pass
			25	22.53	-1.29	21.24	<=30	Pass
	50	0	22.55	-1.29	21.26	<=30	Pass	
	1750	1	0	23.47	-1.29	22.18	<=30	Pass
			25	23.43	-1.29	22.14	<=30	Pass
			49	23.50	-1.29	22.21	<=30	Pass
		25	0	22.44	-1.29	21.15	<=30	Pass
			13	22.42	-1.29	21.13	<=30	Pass
			25	22.46	-1.29	21.17	<=30	Pass
		50	0	22.44	-1.29	21.15	<=30	Pass
16QAM	1715	1	0	22.81	-1.29	21.52	<=30	Pass
			25	22.77	-1.29	21.48	<=30	Pass
			49	22.85	-1.29	21.56	<=30	Pass
		25	0	21.69	-1.29	20.40	<=30	Pass
			13	21.71	-1.29	20.42	<=30	Pass
			25	21.76	-1.29	20.47	<=30	Pass
		50	0	21.72	-1.29	20.43	<=30	Pass
	1732.5	1	0	23.17	-1.29	21.88	<=30	Pass
			25	23.06	-1.29	21.77	<=30	Pass
			49	23.08	-1.29	21.79	<=30	Pass
		25	0	21.73	-1.29	20.44	<=30	Pass
			13	21.71	-1.29	20.42	<=30	Pass
			25	21.73	-1.29	20.44	<=30	Pass
		50	0	21.70	-1.29	20.41	<=30	Pass
	1750	1	0	22.49	-1.29	21.20	<=30	Pass
			25	22.46	-1.29	21.17	<=30	Pass
			49	22.51	-1.29	21.22	<=30	Pass
		25	0	21.70	-1.29	20.41	<=30	Pass
			13	21.68	-1.29	20.39	<=30	Pass
			25	21.69	-1.29	20.40	<=30	Pass
		50	0	21.64	-1.29	20.35	<=30	Pass
64QAM	1715	1	0	21.79	-1.29	20.50	<=30	Pass
			25	21.78	-1.29	20.49	<=30	Pass
			49	21.84	-1.29	20.55	<=30	Pass
		25	0	20.70	-1.29	19.41	<=30	Pass
			13	20.74	-1.29	19.45	<=30	Pass
			25	20.79	-1.29	19.50	<=30	Pass
		50	0	20.72	-1.29	19.43	<=30	Pass
	1732.5	1	0	21.44	-1.29	20.15	<=30	Pass
			25	21.44	-1.29	20.15	<=30	Pass
			49	21.44	-1.29	20.15	<=30	Pass
		25	0	21.45	-1.29	20.16	<=30	Pass
			13	21.44	-1.29	20.15	<=30	Pass
			25	21.44	-1.29	20.15	<=30	Pass
		50	0	21.44	-1.29	20.15	<=30	Pass
	1750	1	0	22.24	-1.29	20.95	<=30	Pass
			25	22.25	-1.29	20.96	<=30	Pass
			49	22.25	-1.29	20.96	<=30	Pass
		25	0	22.25	-1.29	20.96	<=30	Pass
			13	22.26	-1.29	20.97	<=30	Pass
			25	22.26	-1.29	20.97	<=30	Pass
		50	0	22.25	-1.29	20.96	<=30	Pass
256QAM	1715	1	0	18.41	-1.29	17.12	<=30	Pass
			25	18.42	-1.29	17.13	<=30	Pass

			49	18.44	-1.29	17.15	<=30	Pass
		25	0	18.67	-1.29	17.38	<=30	Pass
			13	18.71	-1.29	17.42	<=30	Pass
			25	18.77	-1.29	17.48	<=30	Pass
		50	0	18.67	-1.29	17.38	<=30	Pass
	1732.5	1	0	18.80	-1.29	17.51	<=30	Pass
			25	18.74	-1.29	17.45	<=30	Pass
			49	18.81	-1.29	17.52	<=30	Pass
		25	0	18.75	-1.29	17.46	<=30	Pass
			13	18.72	-1.29	17.43	<=30	Pass
			25	18.75	-1.29	17.46	<=30	Pass
		50	0	18.71	-1.29	17.42	<=30	Pass
	1750	1	0	19.09	-1.29	17.80	<=30	Pass
			25	19.02	-1.29	17.73	<=30	Pass
			49	19.05	-1.29	17.76	<=30	Pass
		25	0	18.66	-1.29	17.37	<=30	Pass
			13	18.63	-1.29	17.34	<=30	Pass
			25	18.64	-1.29	17.35	<=30	Pass
		50	0	18.62	-1.29	17.33	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTN/V								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.63	-1.29	22.34	<=30	Pass
			38	23.71	-1.29	22.42	<=30	Pass
			74	23.61	-1.29	22.32	<=30	Pass
		36	0	22.65	-1.29	21.36	<=30	Pass
			18	22.63	-1.29	21.34	<=30	Pass
			39	22.66	-1.29	21.37	<=30	Pass
		75	0	22.67	-1.29	21.38	<=30	Pass
	1732.5	1	0	23.65	-1.29	22.36	<=30	Pass
			38	23.60	-1.29	22.31	<=30	Pass
			74	23.54	-1.29	22.25	<=30	Pass
		36	0	22.56	-1.29	21.27	<=30	Pass
			18	22.51	-1.29	21.22	<=30	Pass
			39	22.52	-1.29	21.23	<=30	Pass
		75	0	22.54	-1.29	21.25	<=30	Pass
	1747.5	1	0	23.50	-1.29	22.21	<=30	Pass
			38	23.56	-1.29	22.27	<=30	Pass
			74	23.48	-1.29	22.19	<=30	Pass
		36	0	22.45	-1.29	21.16	<=30	Pass
			18	22.45	-1.29	21.16	<=30	Pass
			39	22.46	-1.29	21.17	<=30	Pass
		75	0	22.48	-1.29	21.19	<=30	Pass
16QAM	1717.5	1	0	22.84	-1.29	21.55	<=30	Pass
			38	22.87	-1.29	21.58	<=30	Pass
			74	22.80	-1.29	21.51	<=30	Pass
		36	0	21.71	-1.29	20.42	<=30	Pass
			18	21.74	-1.29	20.45	<=30	Pass
			39	21.73	-1.29	20.44	<=30	Pass
		75	0	21.74	-1.29	20.45	<=30	Pass
	1732.5	1	0	22.98	-1.29	21.69	<=30	Pass
			38	22.96	-1.29	21.67	<=30	Pass
			74	22.87	-1.29	21.58	<=30	Pass

		36	0	21.68	-1.29	20.39	<=30	Pass
			18	21.68	-1.29	20.39	<=30	Pass
			39	21.67	-1.29	20.38	<=30	Pass
		75	0	21.68	-1.29	20.39	<=30	Pass
	1747.5	1	0	23.06	-1.29	21.77	<=30	Pass
			38	23.08	-1.29	21.79	<=30	Pass
			74	23.04	-1.29	21.75	<=30	Pass
		36	0	21.72	-1.29	20.43	<=30	Pass
			18	21.68	-1.29	20.39	<=30	Pass
			39	21.64	-1.29	20.35	<=30	Pass
		75	0	21.66	-1.29	20.37	<=30	Pass
64QAM	1717.5	1	0	22.20	-1.29	20.91	<=30	Pass
			38	22.20	-1.29	20.91	<=30	Pass
			74	22.21	-1.29	20.92	<=30	Pass
		36	0	22.20	-1.29	20.91	<=30	Pass
			18	22.19	-1.29	20.90	<=30	Pass
			39	22.19	-1.29	20.90	<=30	Pass
		75	0	22.21	-1.29	20.92	<=30	Pass
	1732.5	1	0	21.77	-1.29	20.48	<=30	Pass
			38	21.76	-1.29	20.47	<=30	Pass
			74	21.76	-1.29	20.47	<=30	Pass
		36	0	21.76	-1.29	20.47	<=30	Pass
			18	21.76	-1.29	20.47	<=30	Pass
			39	21.76	-1.29	20.47	<=30	Pass
		75	0	21.76	-1.29	20.47	<=30	Pass
	1747.5	1	0	21.97	-1.29	20.68	<=30	Pass
			38	21.97	-1.29	20.68	<=30	Pass
			74	21.97	-1.29	20.68	<=30	Pass
		36	0	21.97	-1.29	20.68	<=30	Pass
			18	21.96	-1.29	20.67	<=30	Pass
			39	21.97	-1.29	20.68	<=30	Pass
		75	0	21.98	-1.29	20.69	<=30	Pass
256QAM	1717.5	1	0	19.04	-1.29	17.75	<=30	Pass
			38	19.14	-1.29	17.85	<=30	Pass
			74	19.14	-1.29	17.85	<=30	Pass
		36	0	18.68	-1.29	17.39	<=30	Pass
			18	18.72	-1.29	17.43	<=30	Pass
			39	18.71	-1.29	17.42	<=30	Pass
		75	0	18.72	-1.29	17.43	<=30	Pass
	1732.5	1	0	18.50	-1.29	17.21	<=30	Pass
			38	18.51	-1.29	17.22	<=30	Pass
			74	18.44	-1.29	17.15	<=30	Pass
		36	0	18.68	-1.29	17.39	<=30	Pass
			18	18.68	-1.29	17.39	<=30	Pass
			39	18.66	-1.29	17.37	<=30	Pass
		75	0	18.68	-1.29	17.39	<=30	Pass
	1747.5	1	0	18.95	-1.29	17.66	<=30	Pass
			38	18.98	-1.29	17.69	<=30	Pass
			74	18.86	-1.29	17.57	<=30	Pass
		36	0	18.64	-1.29	17.35	<=30	Pass
			18	18.62	-1.29	17.33	<=30	Pass
			39	18.55	-1.29	17.26	<=30	Pass
		75	0	18.62	-1.29	17.33	<=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	23.63	-1.29	22.34	<=30	Pass		
			50	23.71	-1.29	22.42	<=30	Pass		
			99	23.61	-1.29	22.32	<=30	Pass		
		50	0	22.68	-1.29	21.39	<=30	Pass		
			25	22.71	-1.29	21.42	<=30	Pass		
			50	22.70	-1.29	21.41	<=30	Pass		
		100	0	22.72	-1.29	21.43	<=30	Pass		
		1732.5	1	0	23.57	-1.29	22.28	<=30	Pass	
				50	23.63	-1.29	22.34	<=30	Pass	
	99			23.50	-1.29	22.21	<=30	Pass		
	50		0	22.66	-1.29	21.37	<=30	Pass		
			25	22.60	-1.29	21.31	<=30	Pass		
			50	22.60	-1.29	21.31	<=30	Pass		
	100	0	22.60	-1.29	21.31	<=30	Pass			
	1745	1	0	23.51	-1.29	22.22	<=30	Pass		
			50	23.54	-1.29	22.25	<=30	Pass		
			99	23.46	-1.29	22.17	<=30	Pass		
		50	0	22.56	-1.29	21.27	<=30	Pass		
			25	22.55	-1.29	21.26	<=30	Pass		
			50	22.54	-1.29	21.25	<=30	Pass		
		100	0	22.52	-1.29	21.23	<=30	Pass		
		16QAM	1720	1	0	22.91	-1.29	21.62	<=30	Pass
					50	23.00	-1.29	21.71	<=30	Pass
	99				22.88	-1.29	21.59	<=30	Pass	
50	0			21.73	-1.29	20.44	<=30	Pass		
	25			21.74	-1.29	20.45	<=30	Pass		
	50			21.76	-1.29	20.47	<=30	Pass		
100	0			21.73	-1.29	20.44	<=30	Pass		
1732.5	1			0	22.80	-1.29	21.51	<=30	Pass	
				50	22.83	-1.29	21.54	<=30	Pass	
			99	22.70	-1.29	21.41	<=30	Pass		
	50		0	21.72	-1.29	20.43	<=30	Pass		
			25	21.74	-1.29	20.45	<=30	Pass		
			50	21.71	-1.29	20.42	<=30	Pass		
100	0		21.71	-1.29	20.42	<=30	Pass			
1745	1		0	23.11	-1.29	21.82	<=30	Pass		
			50	23.12	-1.29	21.83	<=30	Pass		
			99	23.07	-1.29	21.78	<=30	Pass		
	50		0	21.73	-1.29	20.44	<=30	Pass		
			25	21.72	-1.29	20.43	<=30	Pass		
			50	21.66	-1.29	20.37	<=30	Pass		
	100		0	21.69	-1.29	20.40	<=30	Pass		
	64QAM		1720	1	0	21.88	-1.29	20.59	<=30	Pass
					50	21.87	-1.29	20.58	<=30	Pass
99					21.89	-1.29	20.60	<=30	Pass	
50		0		21.89	-1.29	20.60	<=30	Pass		
		25		21.87	-1.29	20.58	<=30	Pass		
		50		21.85	-1.29	20.56	<=30	Pass		
100		0	21.88	-1.29	20.59	<=30	Pass			
1732.5		1	0	22.12	-1.29	20.83	<=30	Pass		
			50	22.13	-1.29	20.84	<=30	Pass		
			99	22.13	-1.29	20.84	<=30	Pass		
		50	0	22.13	-1.29	20.84	<=30	Pass		
			25	22.11	-1.29	20.82	<=30	Pass		
			50	22.11	-1.29	20.82	<=30	Pass		
		100	0	22.12	-1.29	20.83	<=30	Pass		

	1745	1	0	21.89	-1.29	20.60	<=30	Pass		
			50	21.89	-1.29	20.60	<=30	Pass		
			99	21.88	-1.29	20.59	<=30	Pass		
		50	0	21.88	-1.29	20.59	<=30	Pass		
			25	21.89	-1.29	20.60	<=30	Pass		
			50	21.87	-1.29	20.58	<=30	Pass		
		100	0	21.88	-1.29	20.59	<=30	Pass		
		256QAM	1720	1	0	18.80	-1.29	17.51	<=30	Pass
					50	18.91	-1.29	17.62	<=30	Pass
99	18.91				-1.29	17.62	<=30	Pass		
50	0			18.66	-1.29	17.37	<=30	Pass		
	25			18.70	-1.29	17.41	<=30	Pass		
	50			18.74	-1.29	17.45	<=30	Pass		
100	0			18.67	-1.29	17.38	<=30	Pass		
1732.5	1			0	18.87	-1.29	17.58	<=30	Pass	
				50	18.91	-1.29	17.62	<=30	Pass	
			99	18.88	-1.29	17.59	<=30	Pass		
	50		0	18.71	-1.29	17.42	<=30	Pass		
			25	18.70	-1.29	17.41	<=30	Pass		
			50	18.69	-1.29	17.40	<=30	Pass		
	100		0	18.67	-1.29	17.38	<=30	Pass		
	1745		1	0	18.60	-1.29	17.31	<=30	Pass	
				50	18.60	-1.29	17.31	<=30	Pass	
99				18.48	-1.29	17.19	<=30	Pass		
50			0	18.74	-1.29	17.45	<=30	Pass		
			25	18.75	-1.29	17.46	<=30	Pass		
			50	18.67	-1.29	17.38	<=30	Pass		
100			0	18.67	-1.29	17.38	<=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	-0.800	-0.0005	-2.5 to 2.5	Pass
					NV	3.000	0.0017	-2.5 to 2.5	Pass
					HV	3.400	0.0020	-2.5 to 2.5	Pass
				-30	NV	1.500	0.0009	-2.5 to 2.5	Pass
				-20	NV	1.000	0.0006	-2.5 to 2.5	Pass
				-10	NV	-10.500	-0.0061	-2.5 to 2.5	Pass
				0	NV	2.900	0.0017	-2.5 to 2.5	Pass
				10	NV	-6.900	-0.0040	-2.5 to 2.5	Pass
				30	NV	-5.100	-0.0029	-2.5 to 2.5	Pass
				40	NV	-5.900	-0.0034	-2.5 to 2.5	Pass
				50	NV	-6.700	-0.0039	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

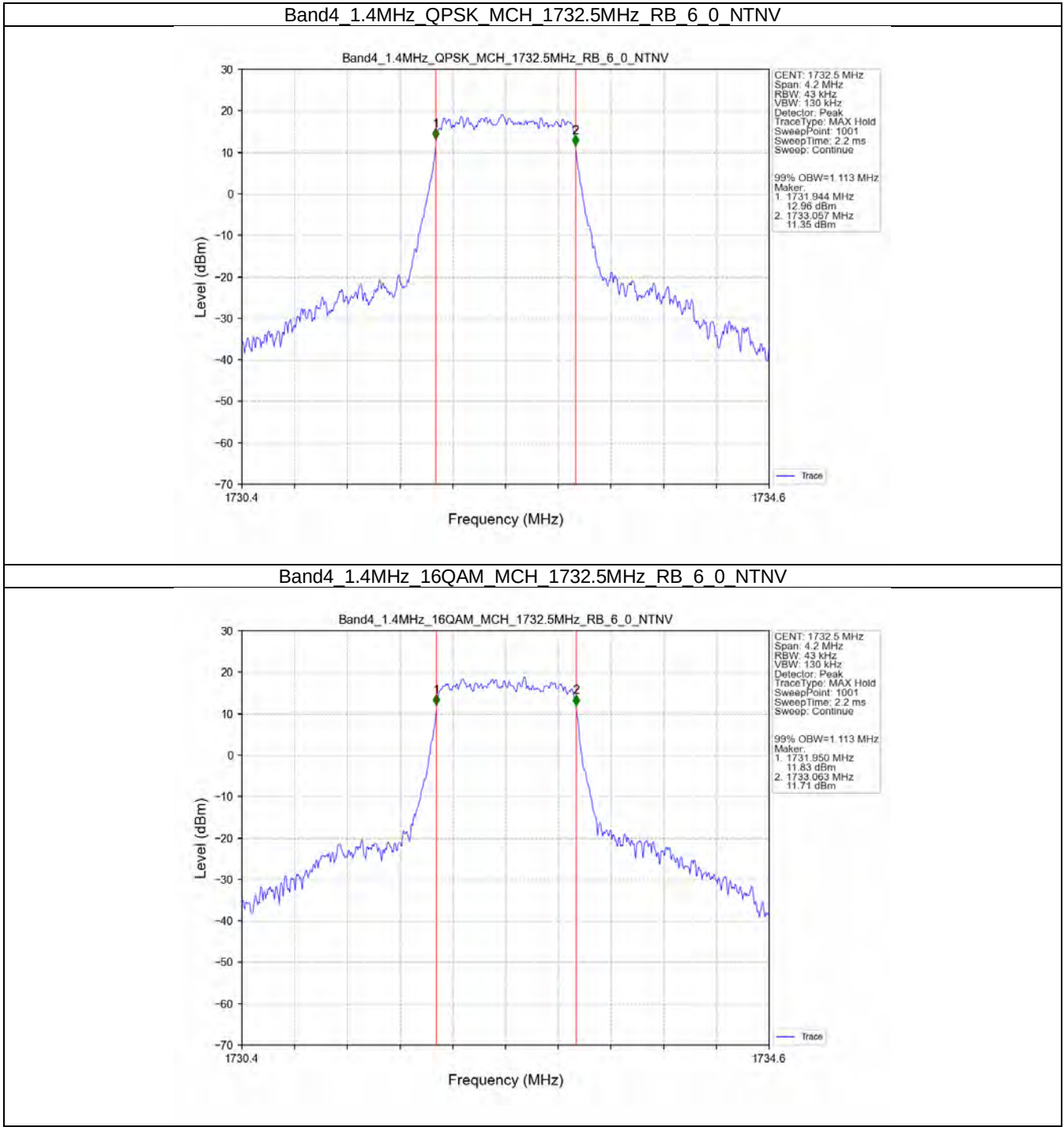
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.113	/	Pass
	16QAM	1732.5	6	0	1.113	/	Pass
	64QAM	1732.5	6	0	1.117	/	Pass
	256QAM	1732.5	6	0	1.103	/	Pass
3	QPSK	1732.5	15	0	2.720	/	Pass
	16QAM	1732.5	15	0	2.716	/	Pass
	64QAM	1732.5	15	0	2.720	/	Pass
	256QAM	1732.5	15	0	2.729	/	Pass
5	QPSK	1732.5	25	0	4.535	/	Pass
	16QAM	1732.5	25	0	4.529	/	Pass
	64QAM	1732.5	25	0	4.534	/	Pass
	256QAM	1732.5	25	0	4.528	/	Pass
10	QPSK	1732.5	50	0	9.088	/	Pass
	16QAM	1732.5	50	0	9.033	/	Pass
	64QAM	1732.5	50	0	9.031	/	Pass
	256QAM	1732.5	50	0	9.021	/	Pass
15	QPSK	1732.5	75	0	13.568	/	Pass
	16QAM	1732.5	75	0	13.588	/	Pass
	64QAM	1732.5	75	0	13.558	/	Pass
	256QAM	1732.5	75	0	13.535	/	Pass
20	QPSK	1732.5	100	0	18.032	/	Pass
	16QAM	1732.5	100	0	18.079	/	Pass
	64QAM	1732.5	100	0	18.058	/	Pass
	256QAM	1732.5	100	0	18.060	/	Pass

3.1.2 Band4_XDB

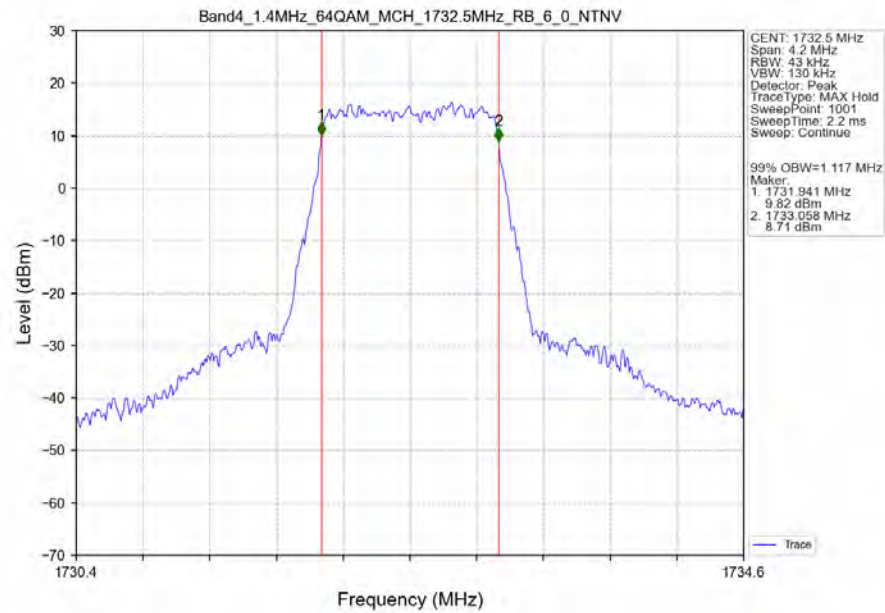
Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.320	/	Pass
	16QAM	1732.5	6	0	1.313	/	Pass
	64QAM	1732.5	6	0	1.341	/	Pass
	256QAM	1732.5	6	0	1.300	/	Pass
3	QPSK	1732.5	15	0	3.036	/	Pass
	16QAM	1732.5	15	0	3.016	/	Pass
	64QAM	1732.5	15	0	2.992	/	Pass
	256QAM	1732.5	15	0	2.994	/	Pass
5	QPSK	1732.5	25	0	5.055	/	Pass
	16QAM	1732.5	25	0	5.028	/	Pass
	64QAM	1732.5	25	0	5.039	/	Pass
	256QAM	1732.5	25	0	5.031	/	Pass
10	QPSK	1732.5	50	0	9.998	/	Pass
	16QAM	1732.5	50	0	9.872	/	Pass
	64QAM	1732.5	50	0	9.962	/	Pass
	256QAM	1732.5	50	0	9.879	/	Pass
15	QPSK	1732.5	75	0	14.906	/	Pass
	16QAM	1732.5	75	0	14.954	/	Pass
	64QAM	1732.5	75	0	14.898	/	Pass
	256QAM	1732.5	75	0	14.821	/	Pass
20	QPSK	1732.5	100	0	19.762	/	Pass
	16QAM	1732.5	100	0	19.729	/	Pass
	64QAM	1732.5	100	0	19.913	/	Pass
	256QAM	1732.5	100	0	19.759	/	Pass

3.2 Test Graph

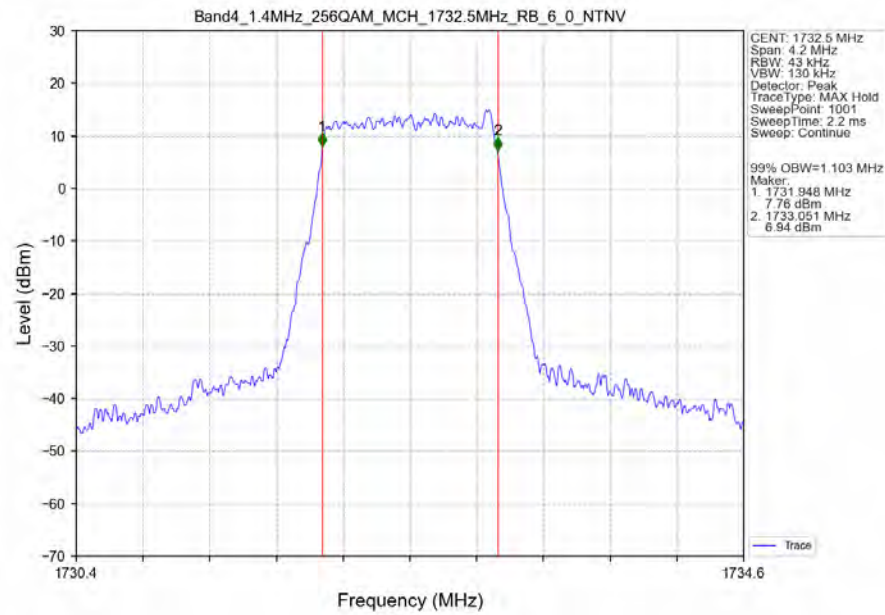
3.2.1 Band4_OBW



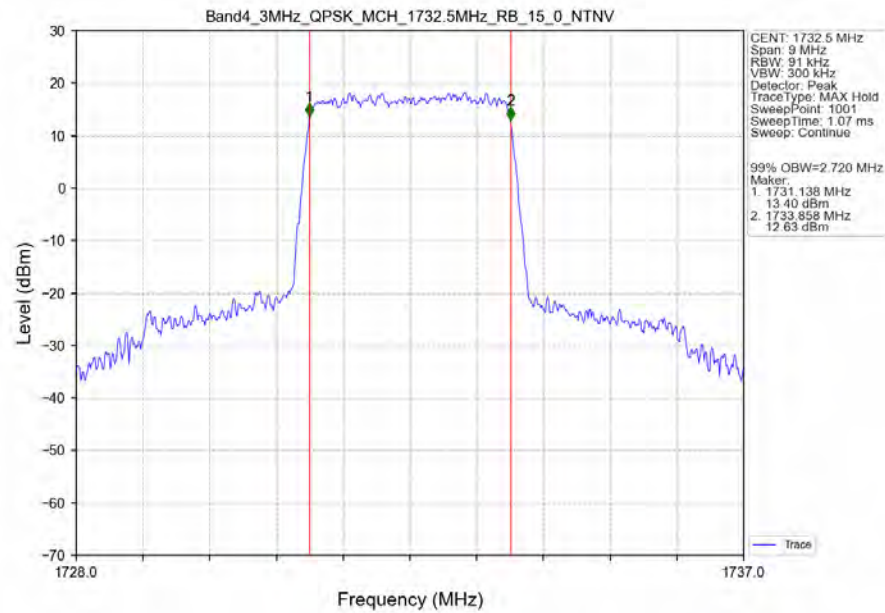
Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTN



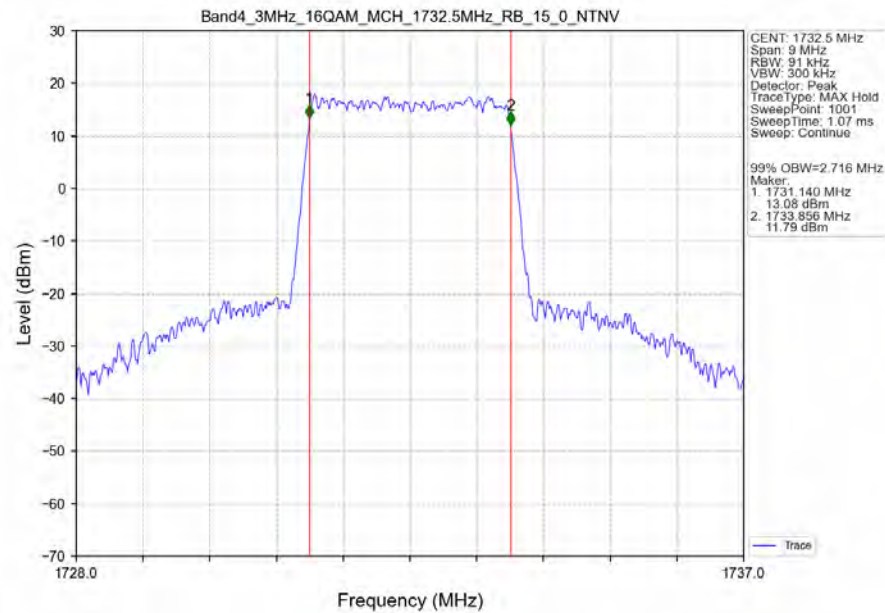
Band4 1.4MHz 256QAM MCH 1732.5MHz RB 6 0 NTN



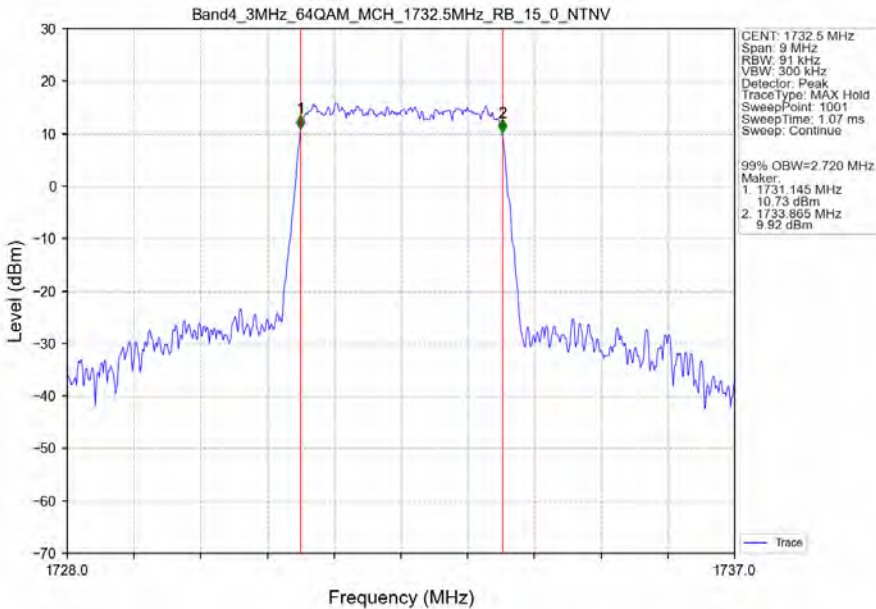
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



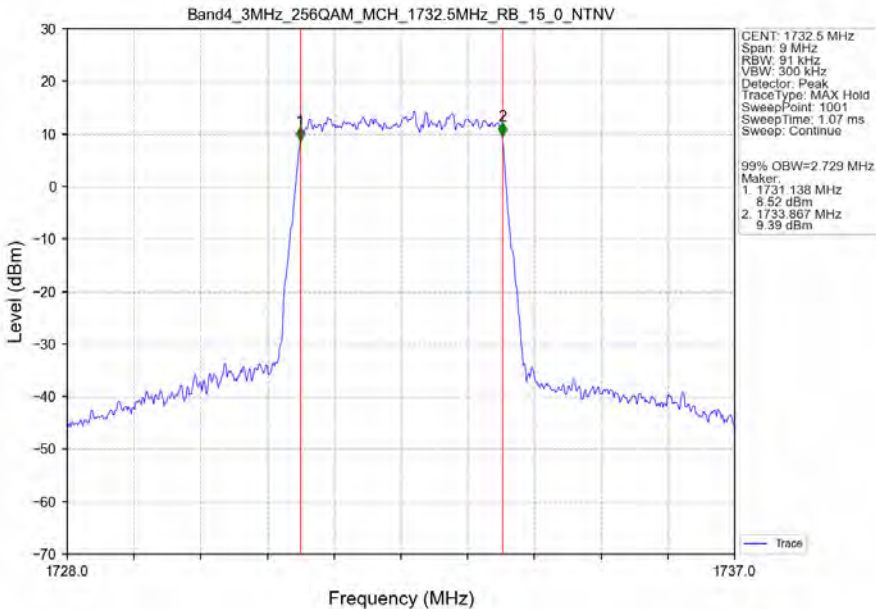
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



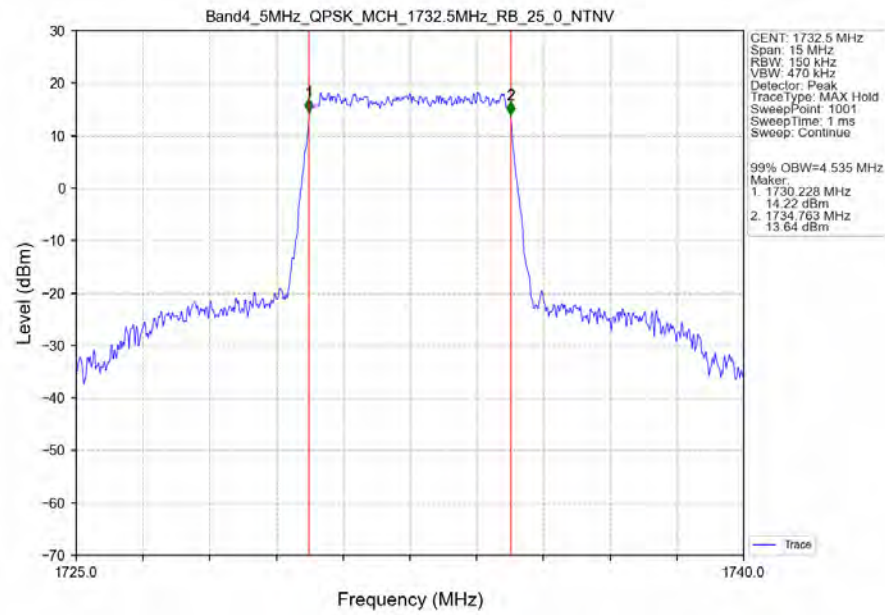
Band4 3MHz 64QAM MCH 1732.5MHz RB 15 0 NTV



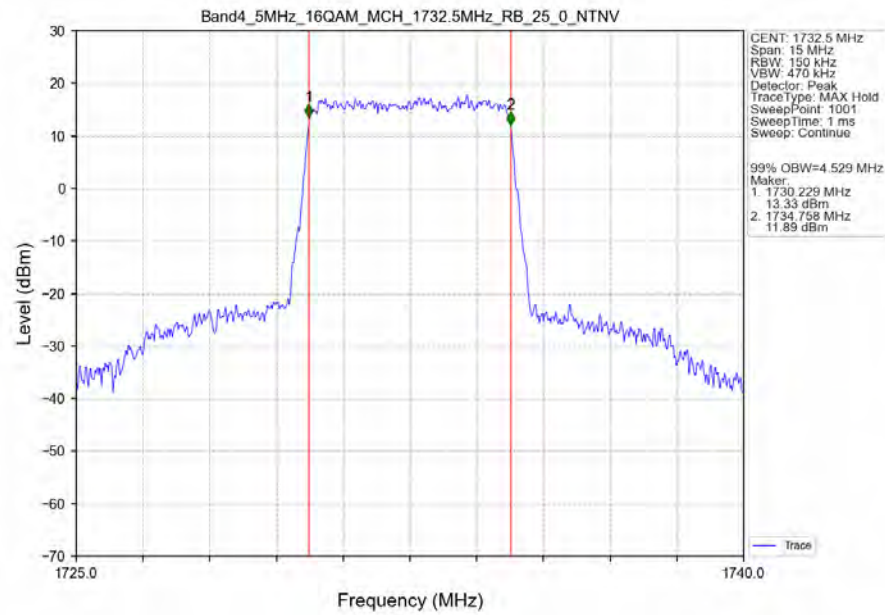
Band4 3MHz 256QAM MCH 1732.5MHz RB 15 0 NTV



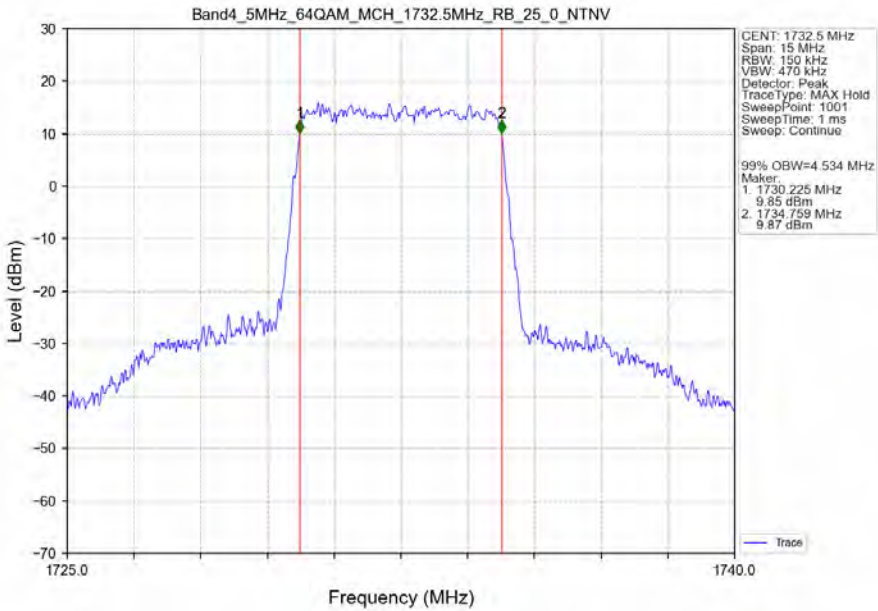
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTV



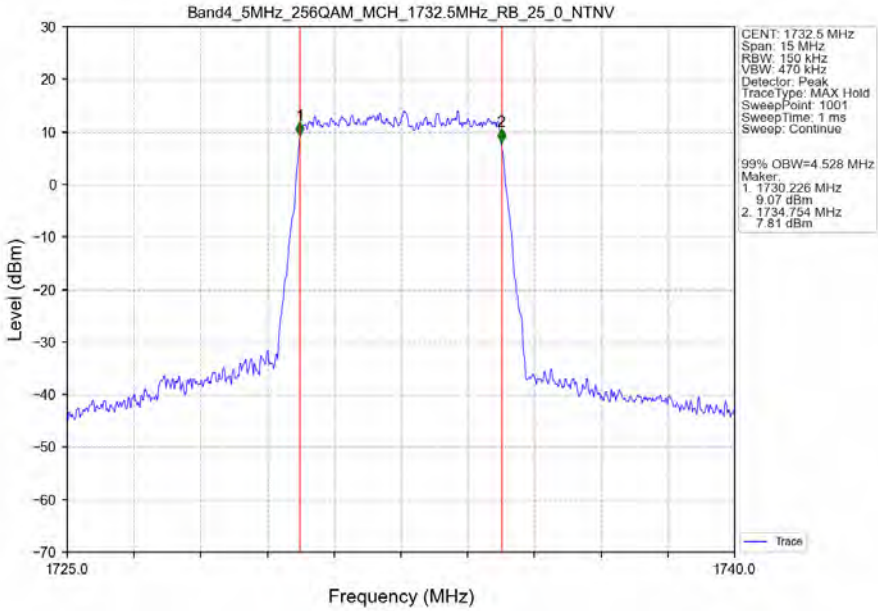
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTV



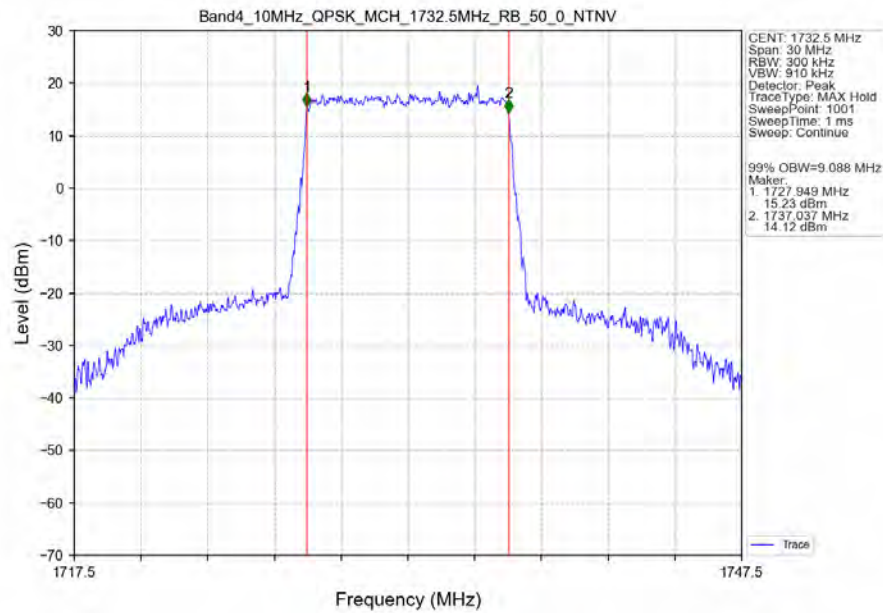
Band4 5MHz 64QAM MCH 1732.5MHz RB 25 0 NTNV



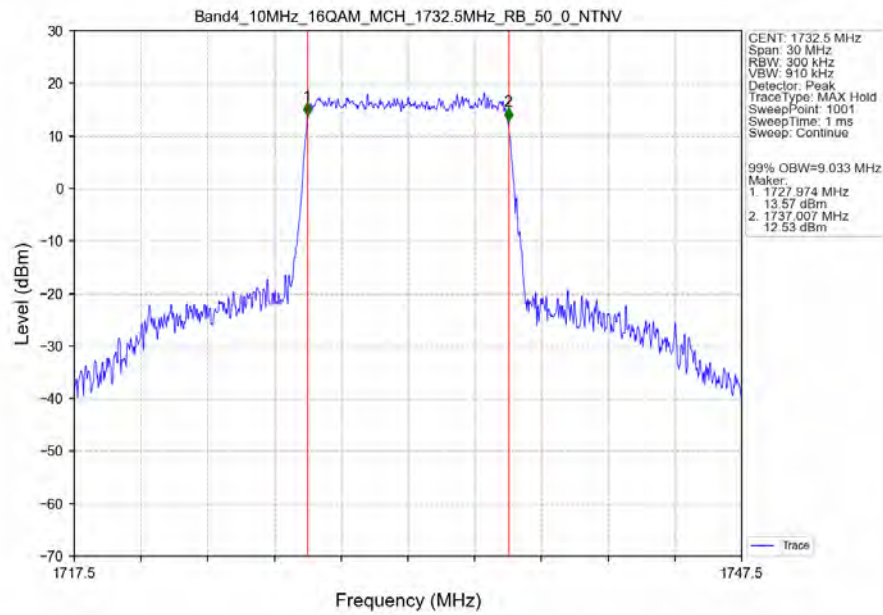
Band4 5MHz 256QAM MCH 1732.5MHz RB 25 0 NTNV



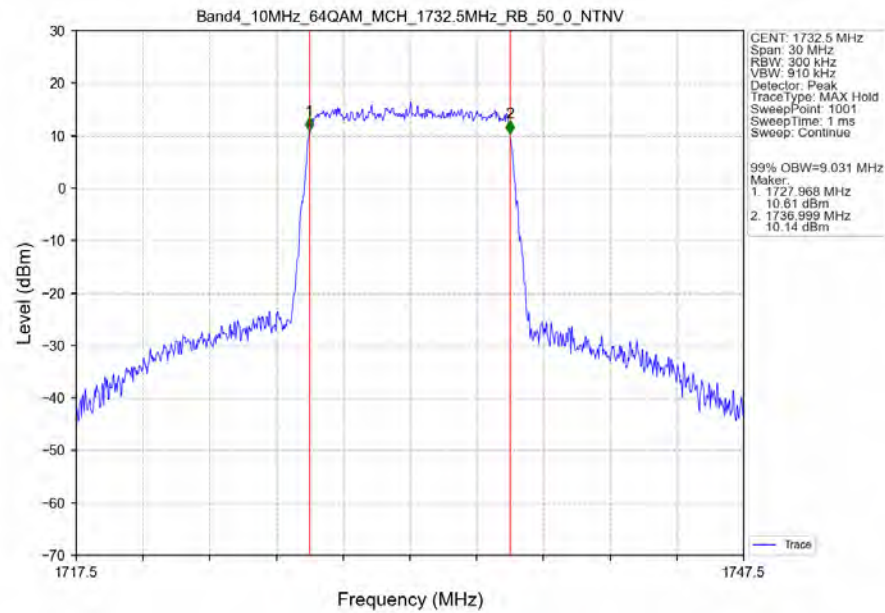
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTV



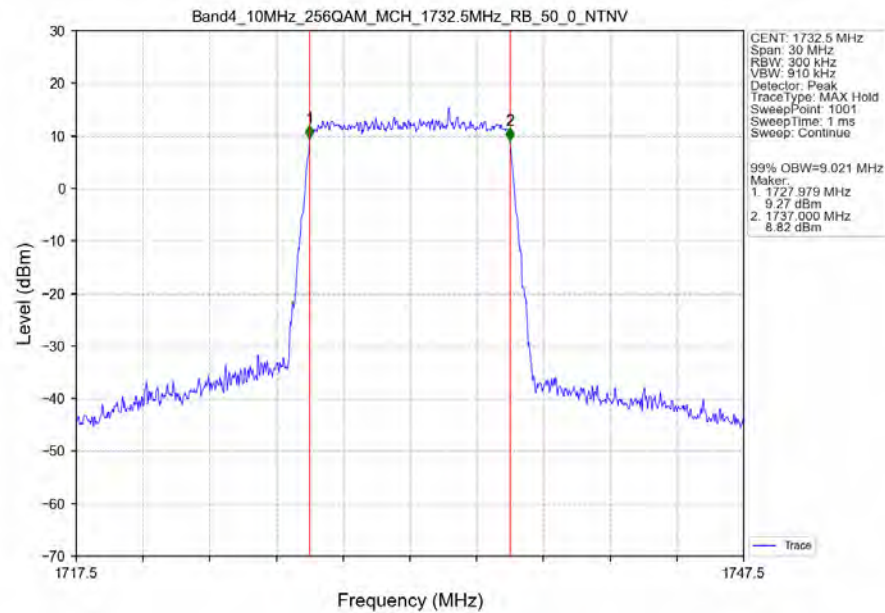
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTV



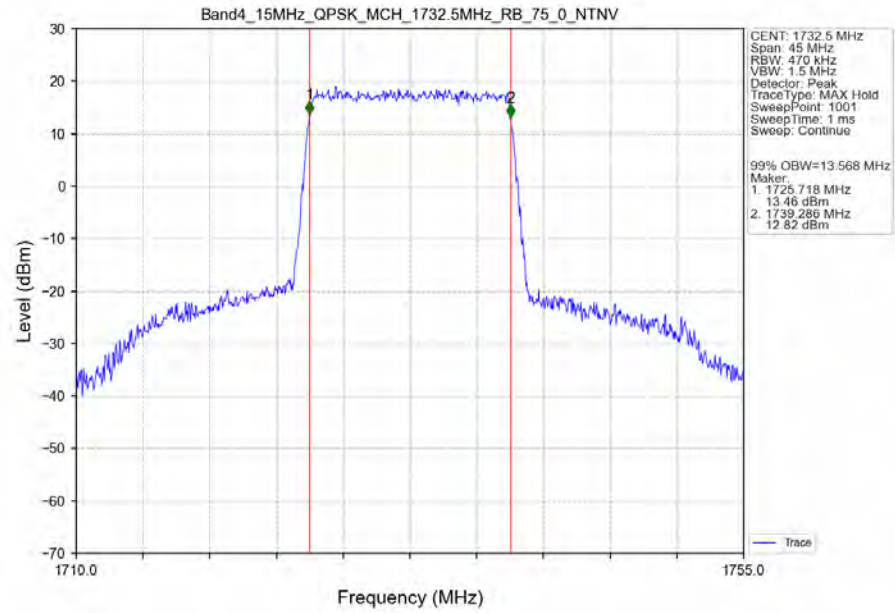
Band4 10MHz 64QAM MCH 1732.5MHz RB 50 0 NTN



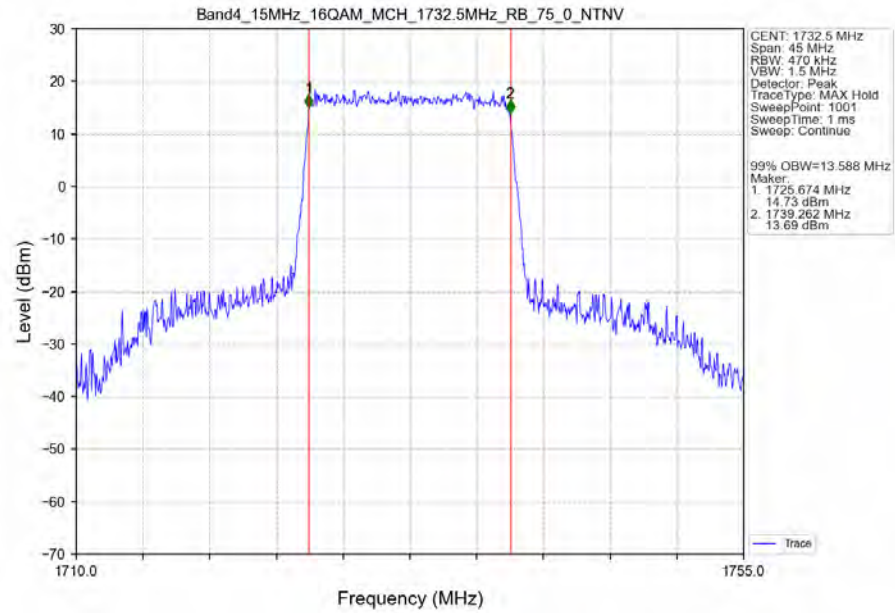
Band4 10MHz 256QAM MCH 1732.5MHz RB 50 0 NTN



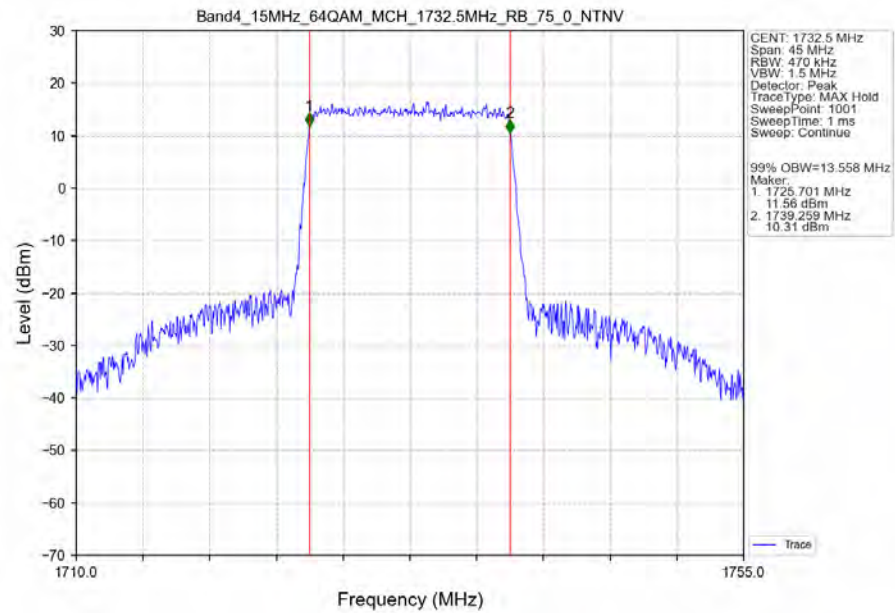
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



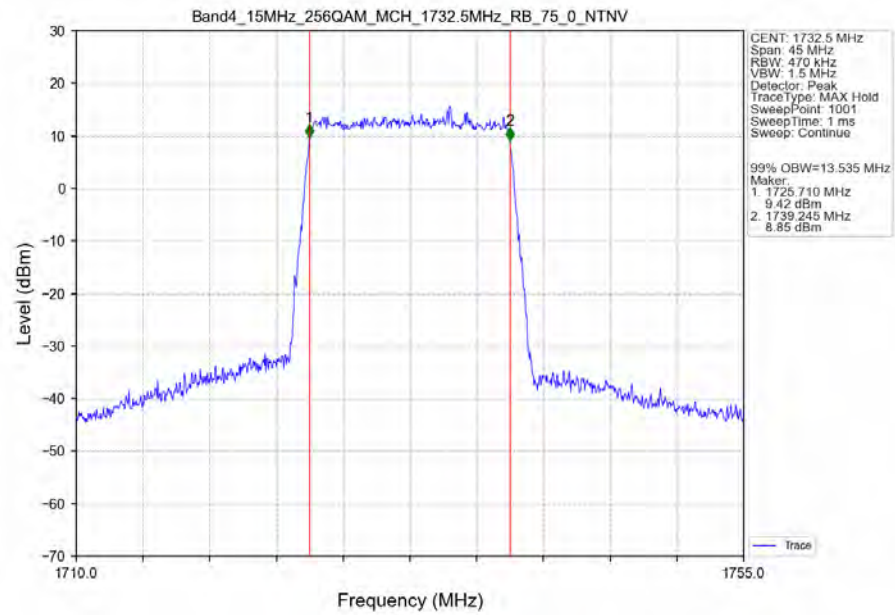
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



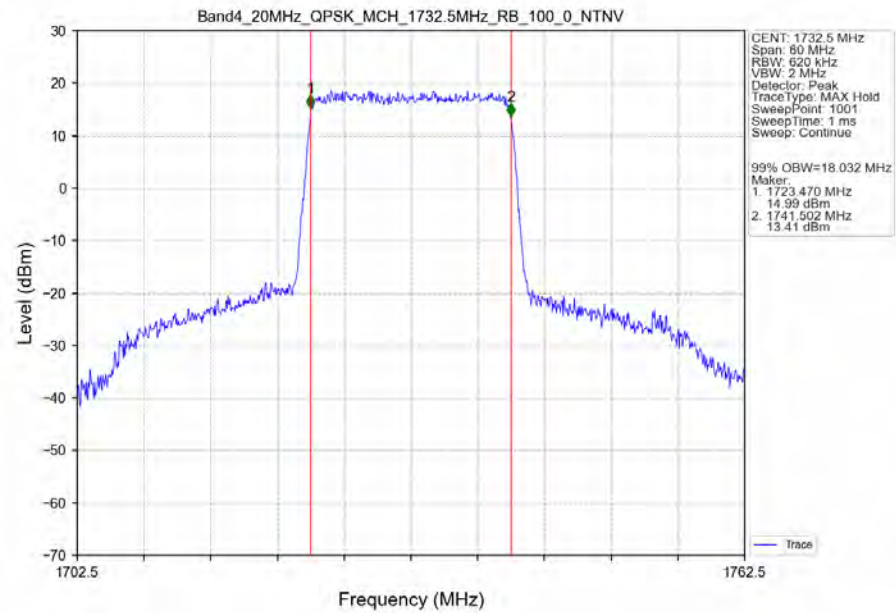
Band4 15MHz 64QAM MCH 1732.5MHz RB 75 0 NTN



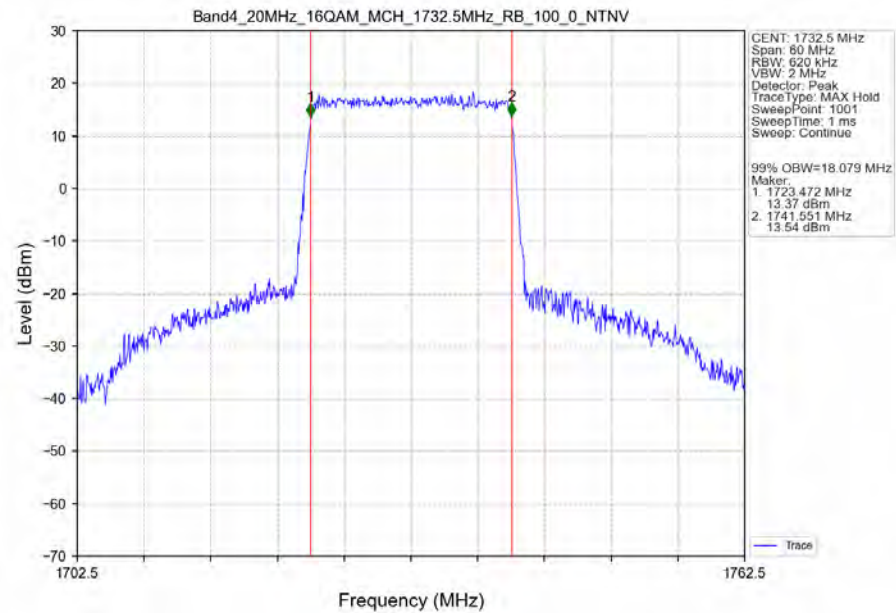
Band4 15MHz 256QAM MCH 1732.5MHz RB 75 0 NTN



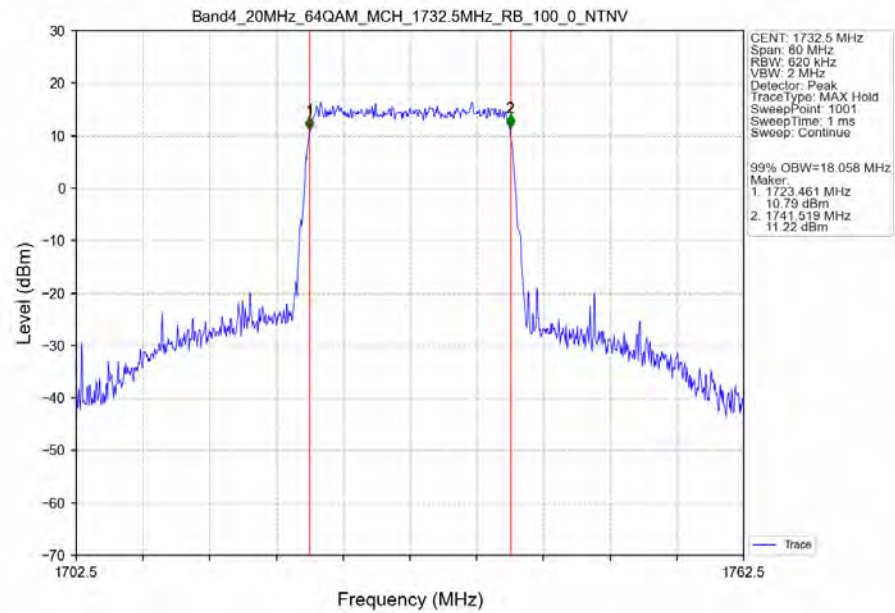
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



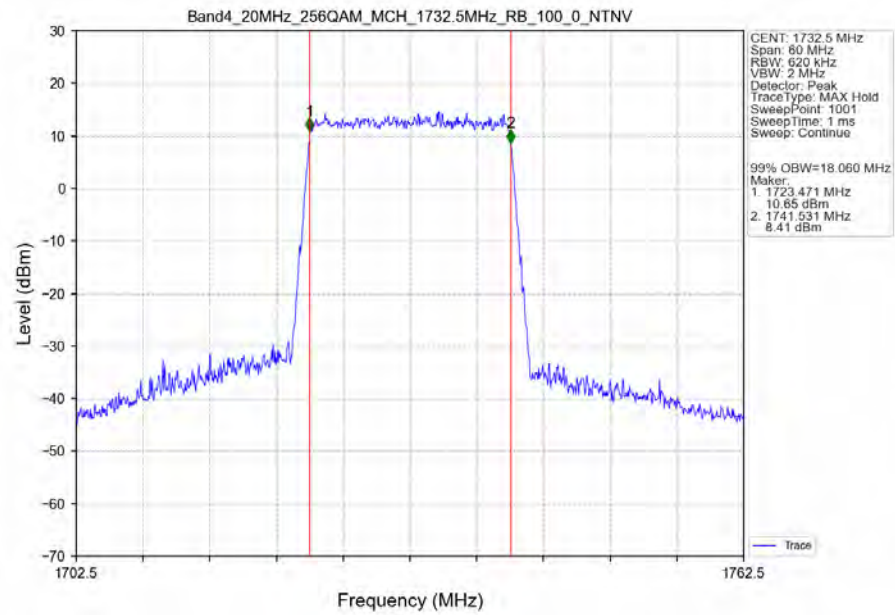
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTN



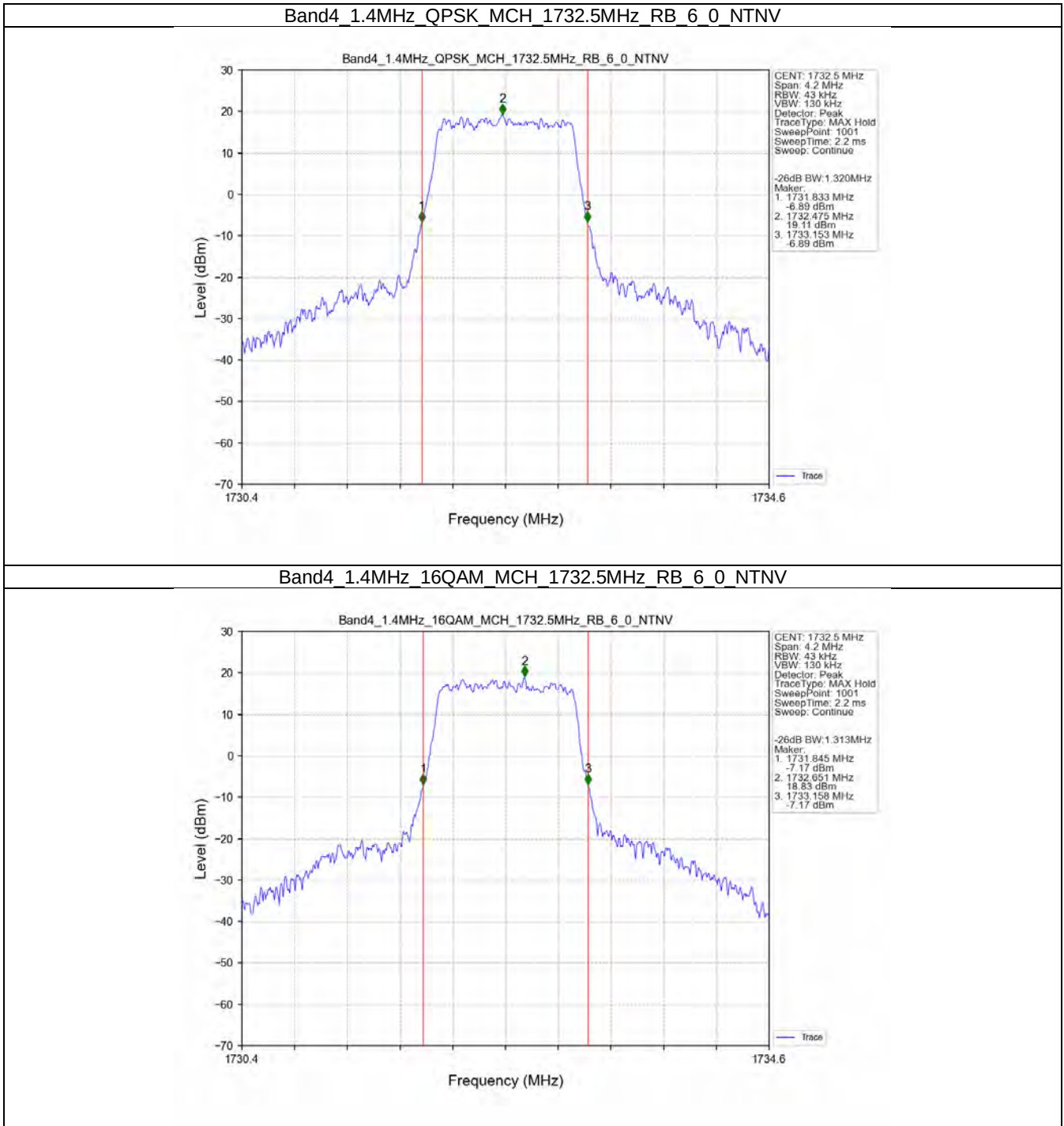
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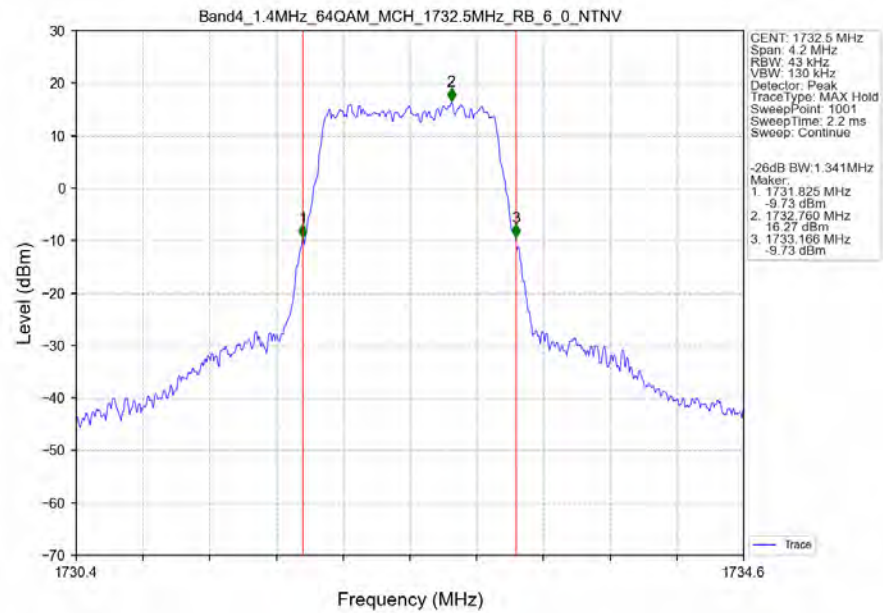
Band4 20MHz 256QAM MCH 1732.5MHz RB 100 0 NTN



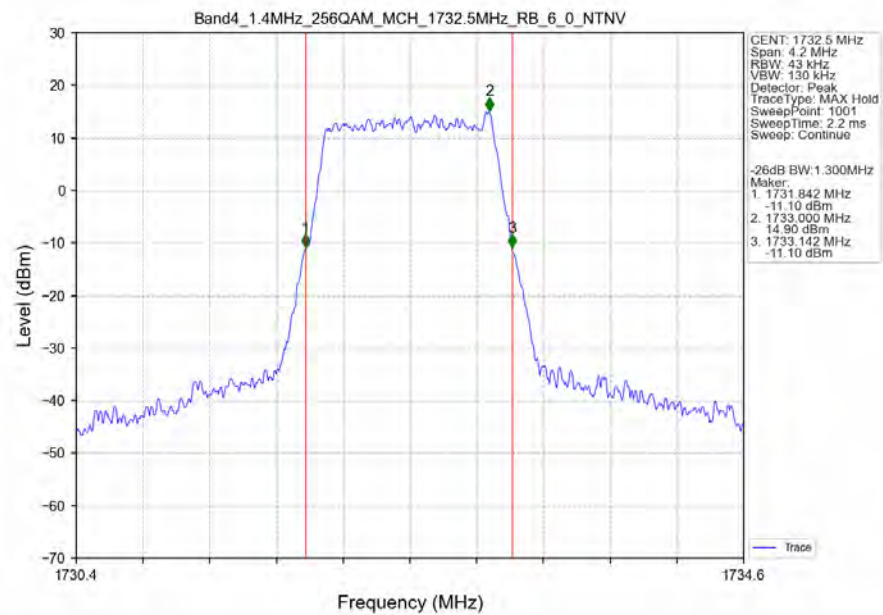
3.2.2 Band4_XDB



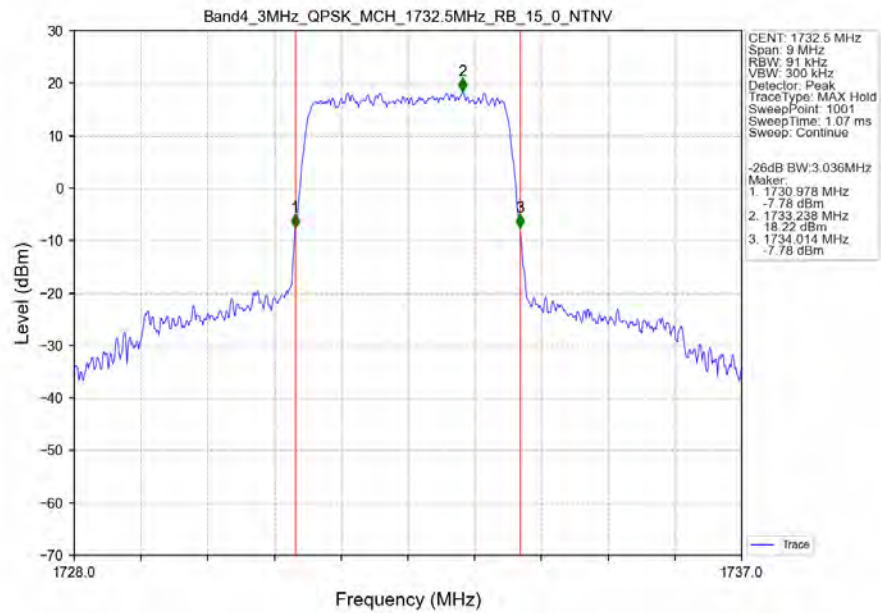
Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTN



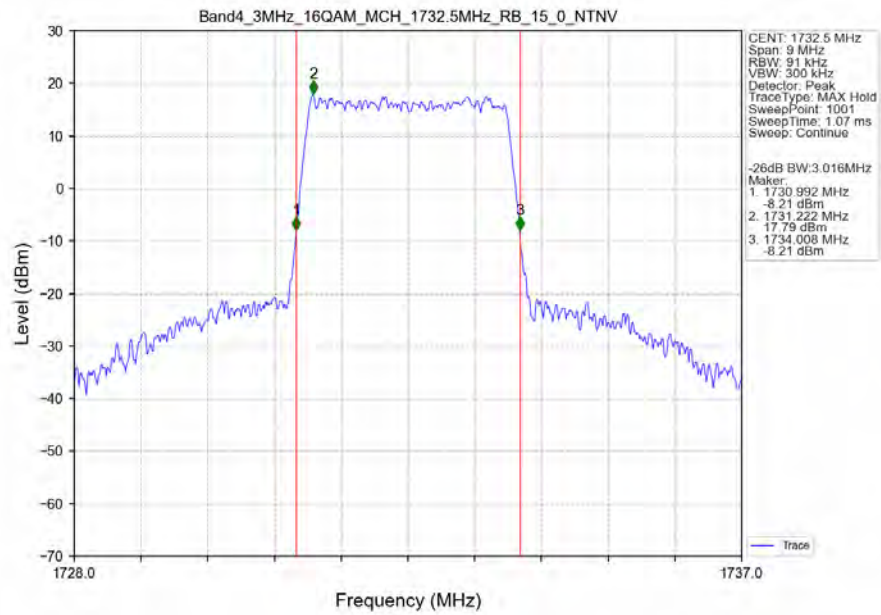
Band4 1.4MHz 256QAM MCH 1732.5MHz RB 6 0 NTN



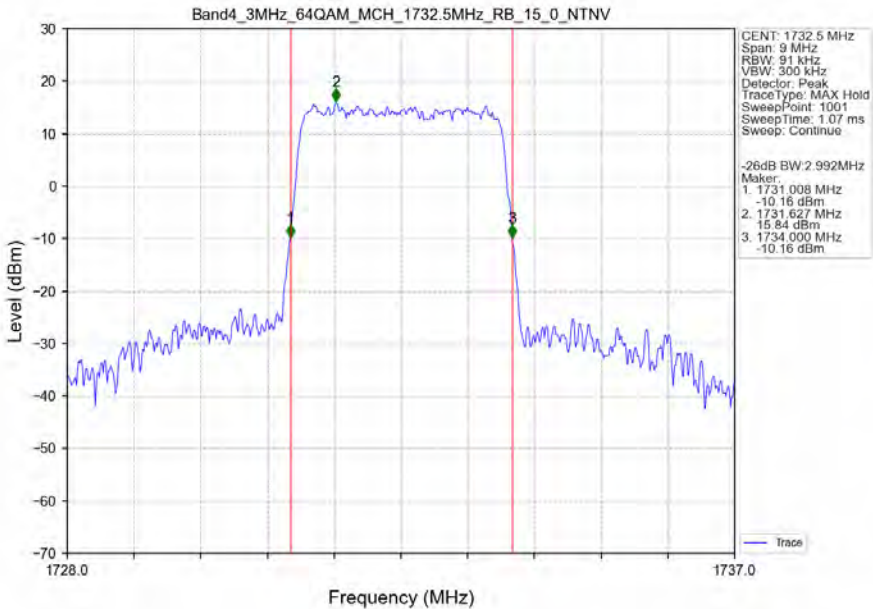
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



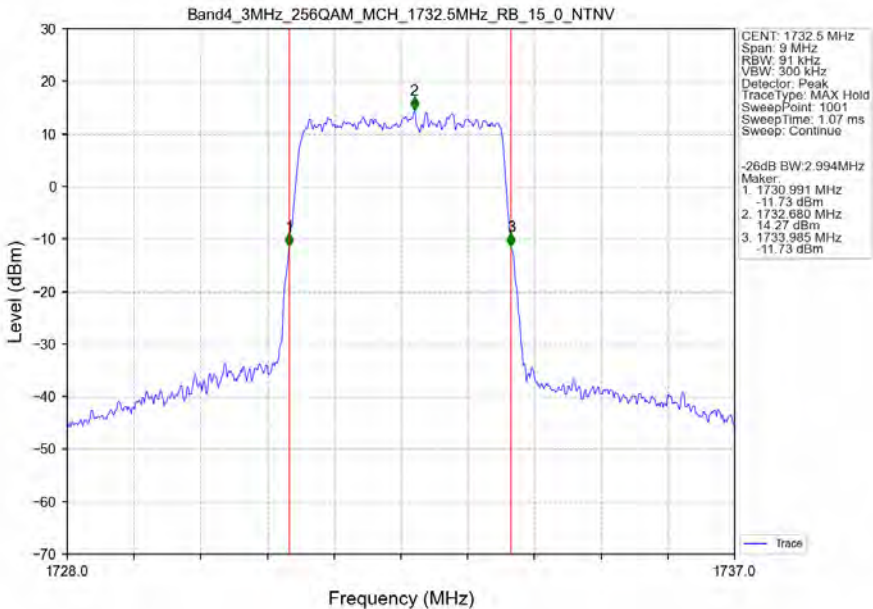
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



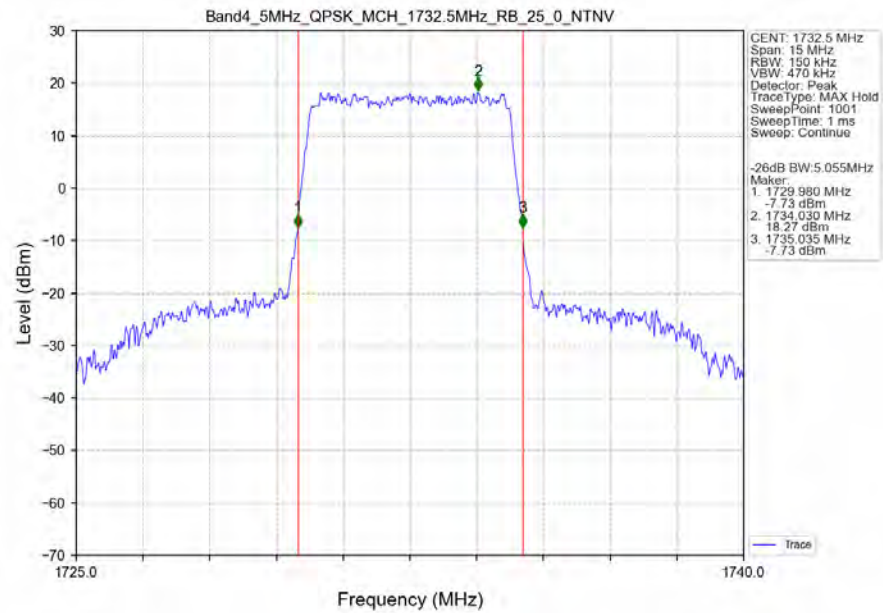
Band4 3MHz 64QAM MCH 1732.5MHz RB 15 0 NTV



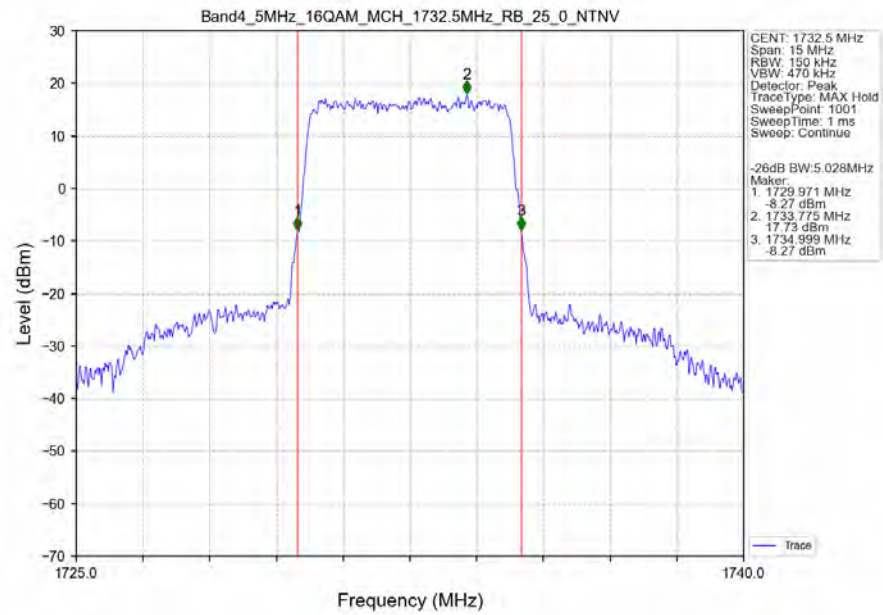
Band4 3MHz 256QAM MCH 1732.5MHz RB 15 0 NTV



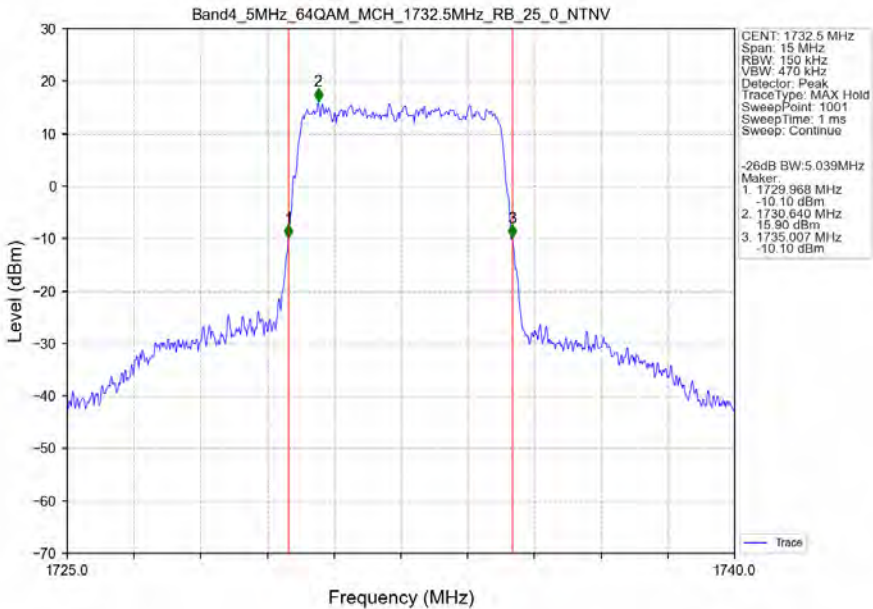
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



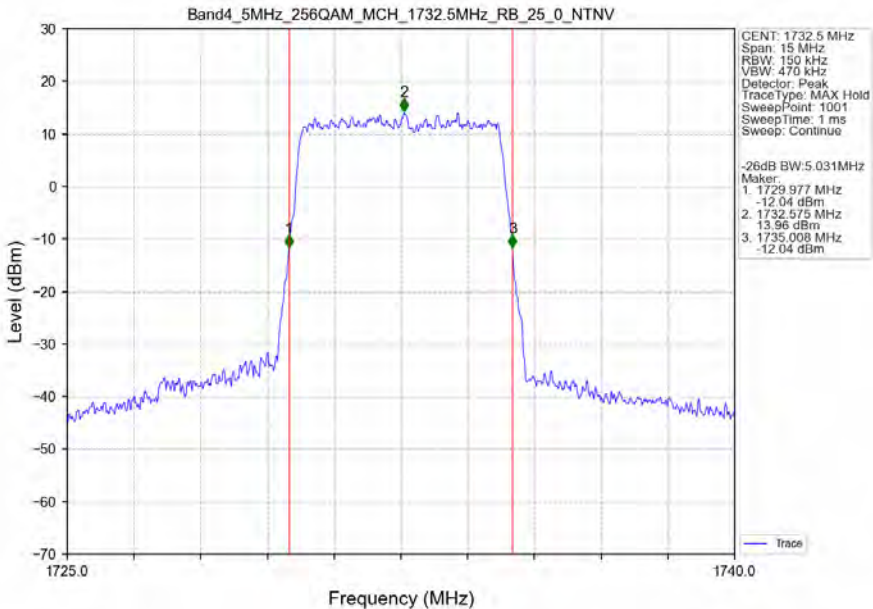
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



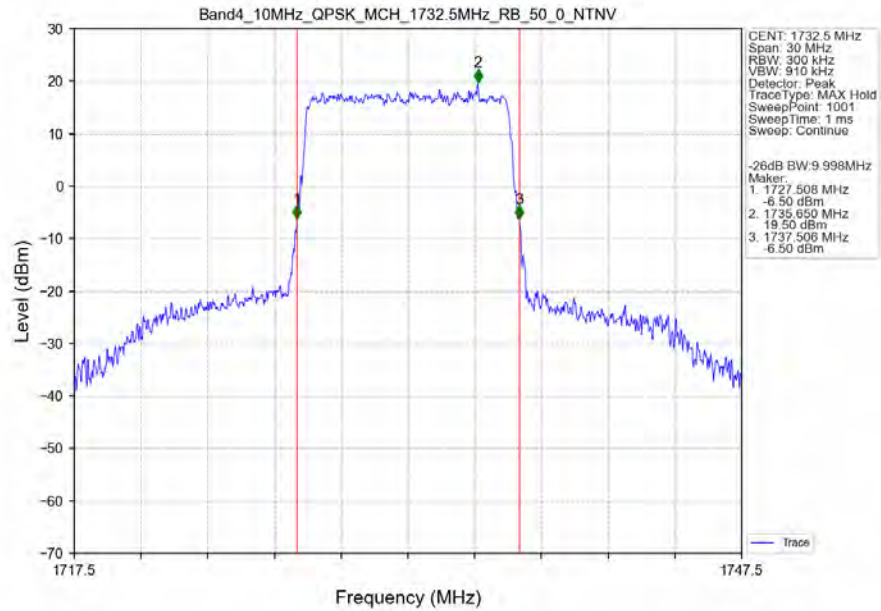
Band4 5MHz 64QAM MCH 1732.5MHz RB 25 0 NTV



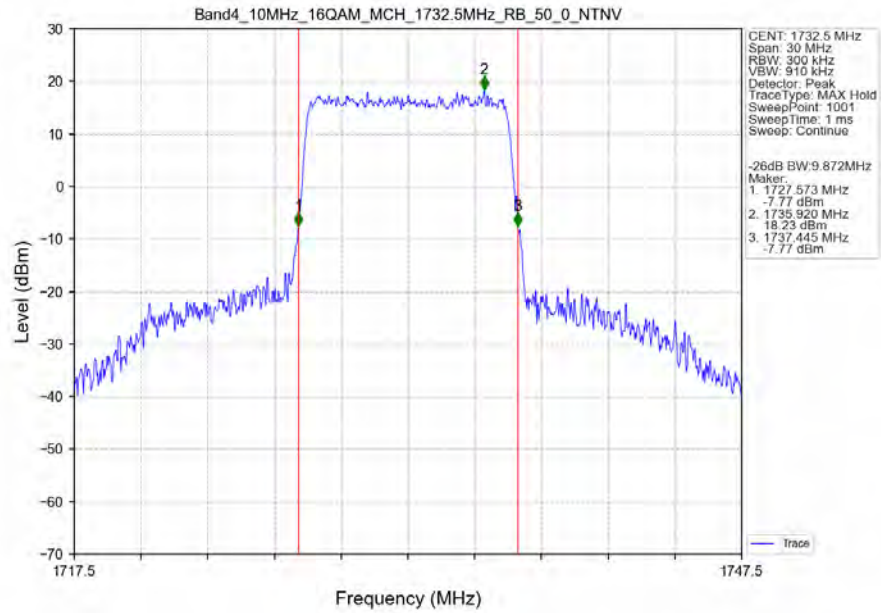
Band4 5MHz 256QAM MCH 1732.5MHz RB 25 0 NTV



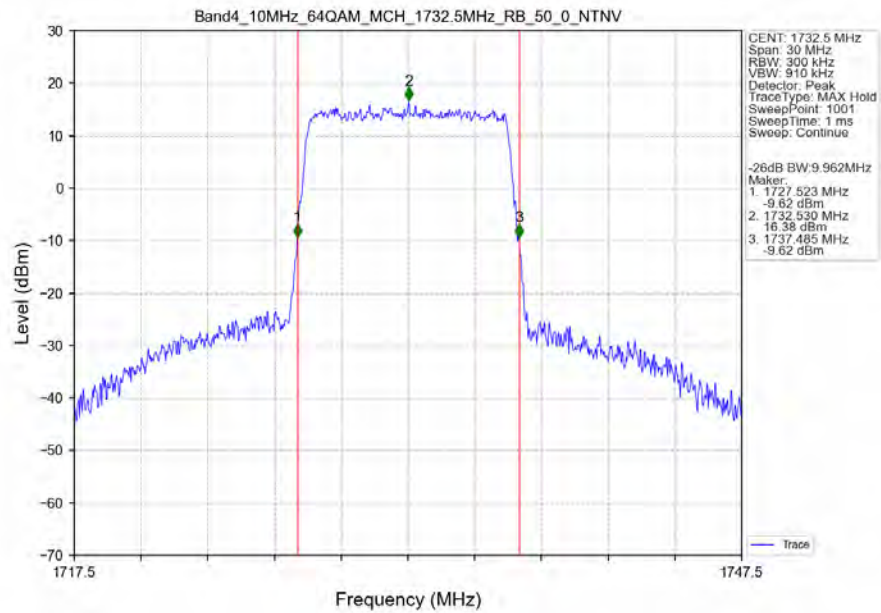
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTV



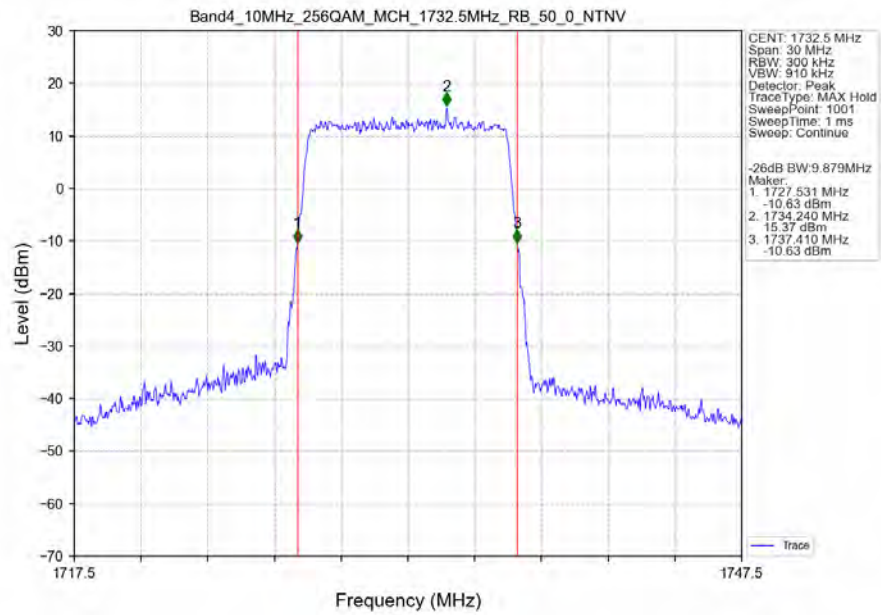
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTV



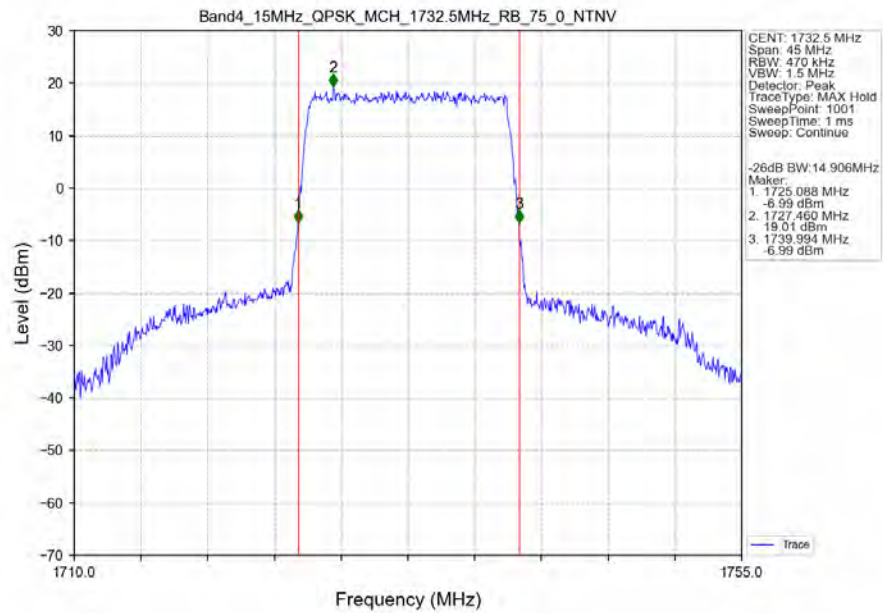
Band4 10MHz 64QAM MCH 1732.5MHz RB 50 0 NTN



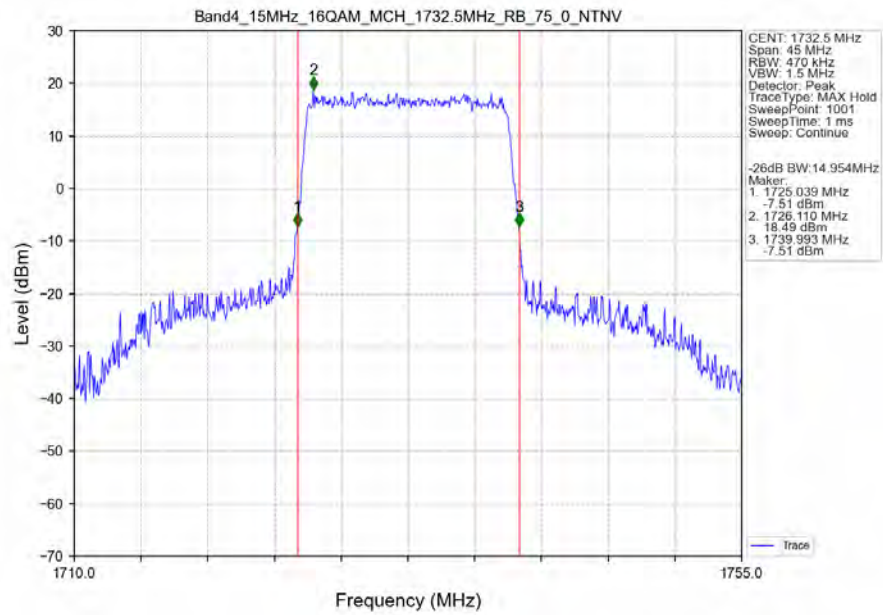
Band4 10MHz 256QAM MCH 1732.5MHz RB 50 0 NTN



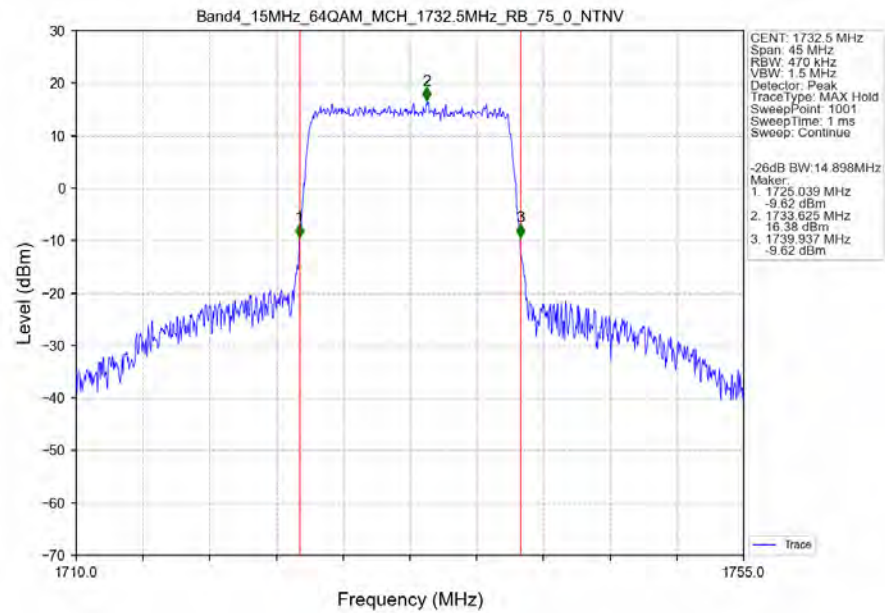
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



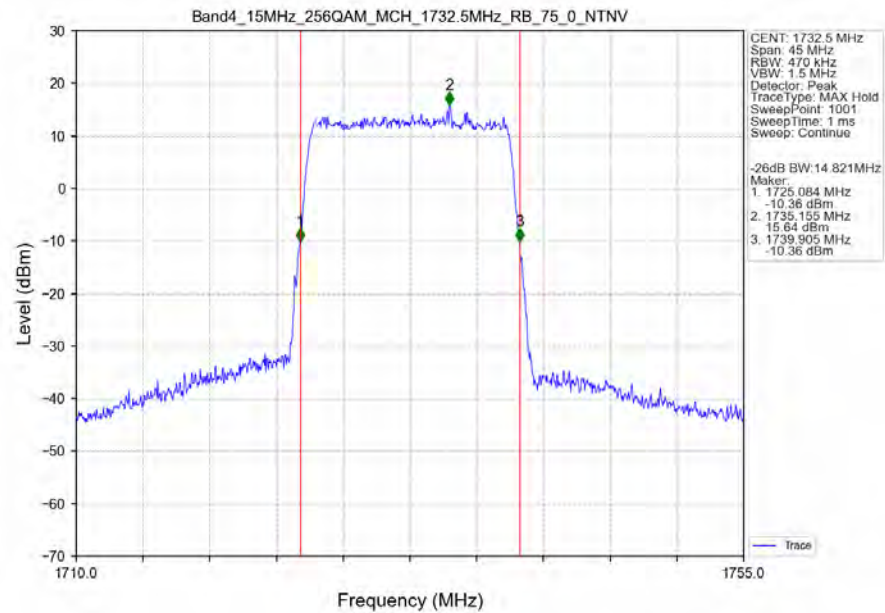
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



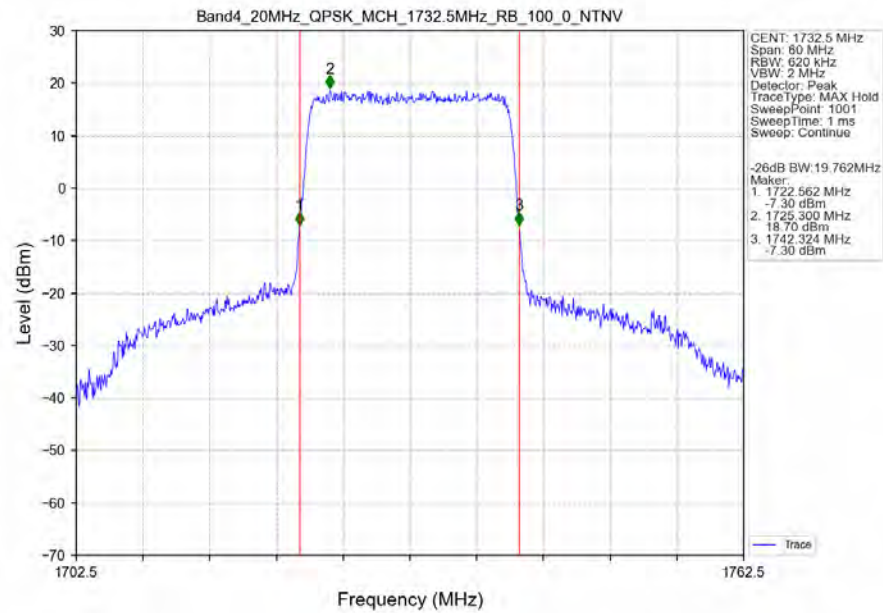
Band4 15MHz 64QAM MCH 1732.5MHz RB 75 0 NTV



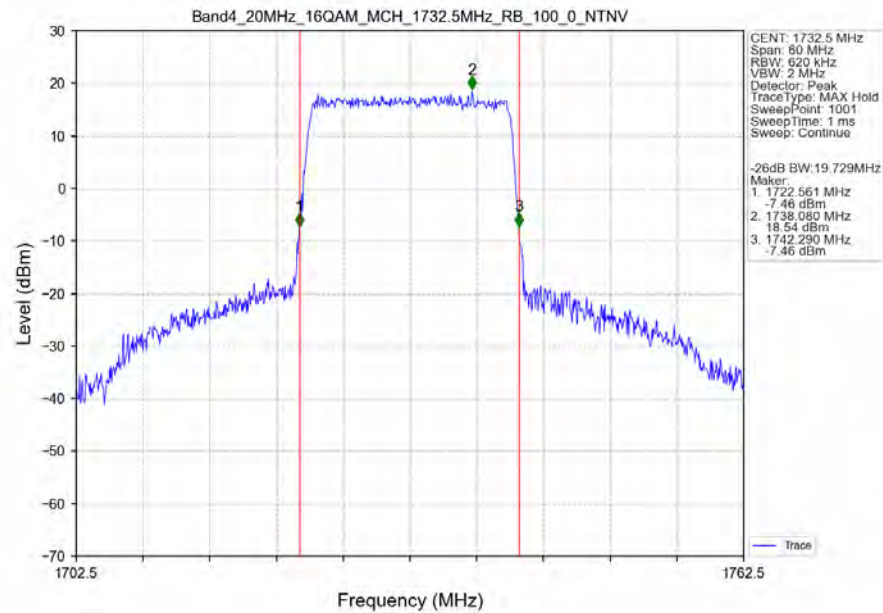
Band4 15MHz 256QAM MCH 1732.5MHz RB 75 0 NTV



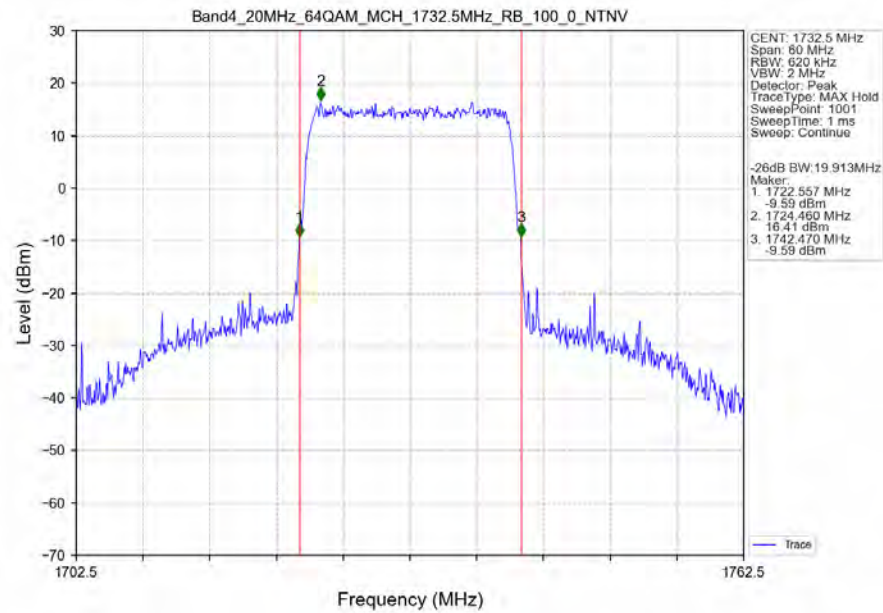
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



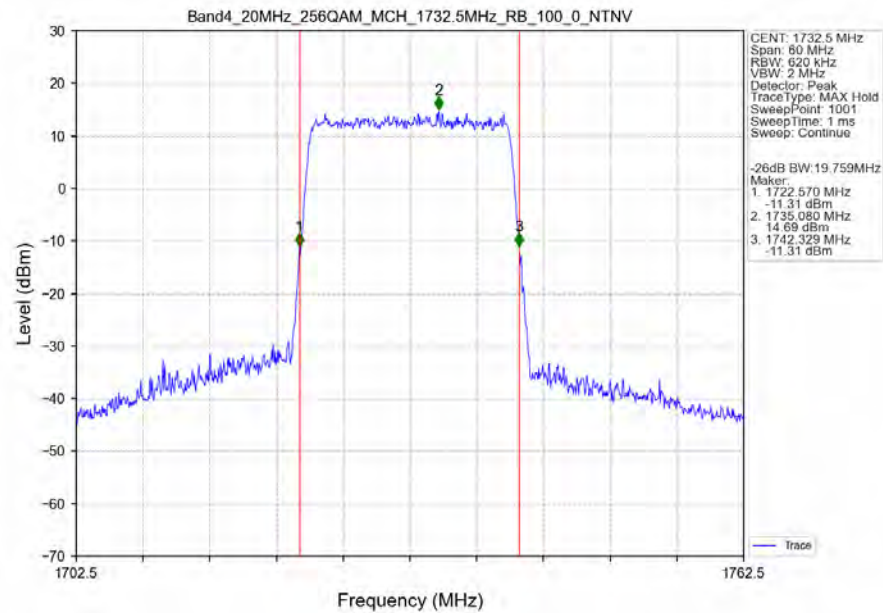
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTN



Band4 20MHz 64QAM MCH 1732.5MHz RB 100 0 NTN



Band4 20MHz 256QAM MCH 1732.5MHz RB 100 0 NTN



4. Peak-Average Ratio

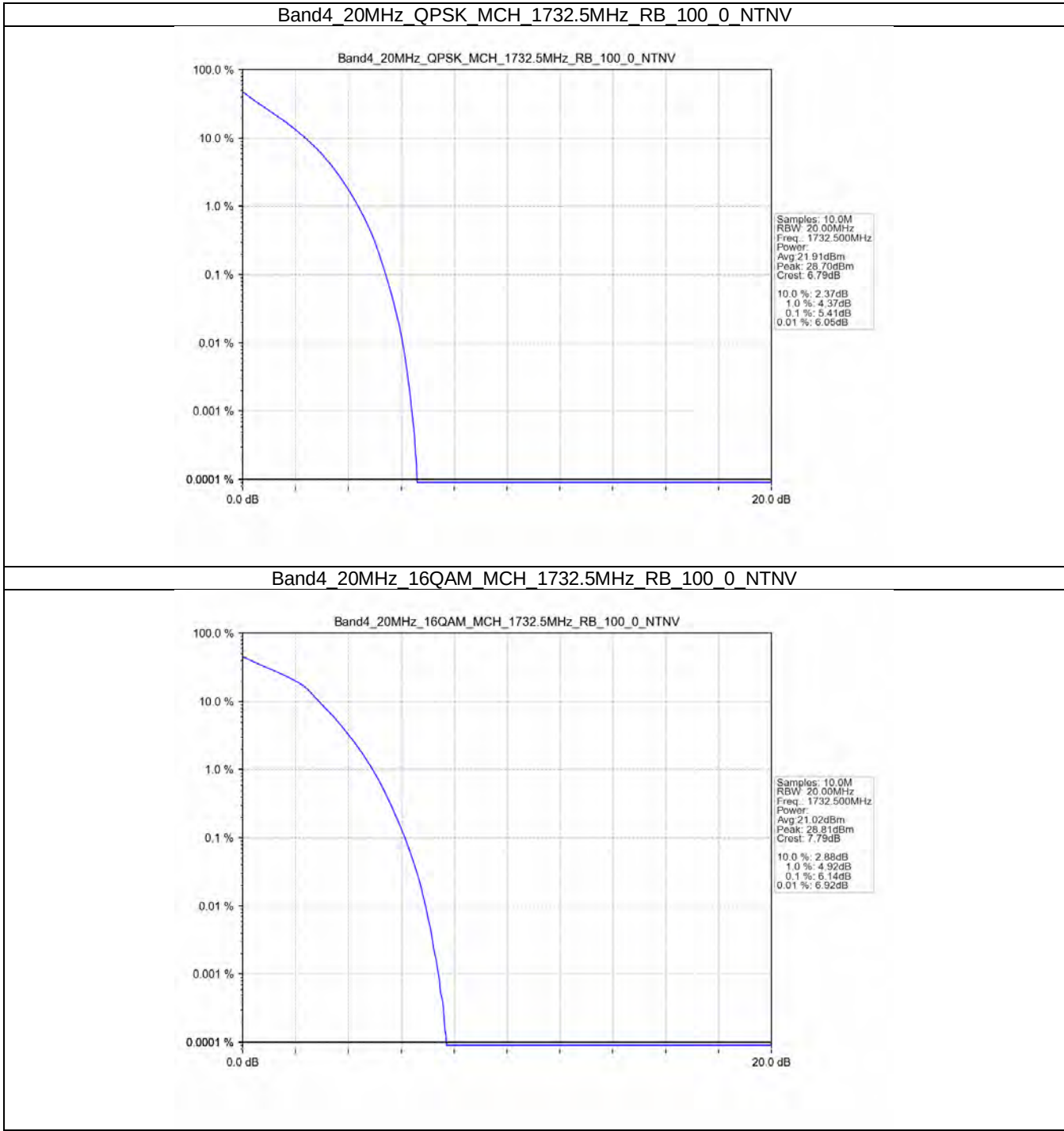
4.1 Test Result

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	5.41	<=13	Pass
16QAM	1732.5	100	0	6.14	<=13	Pass
64QAM	1732.5	100	0	6.37	<=13	Pass
256QAM	1732.5	100	0	6.56	<=13	Pass

4.2 Test Graph

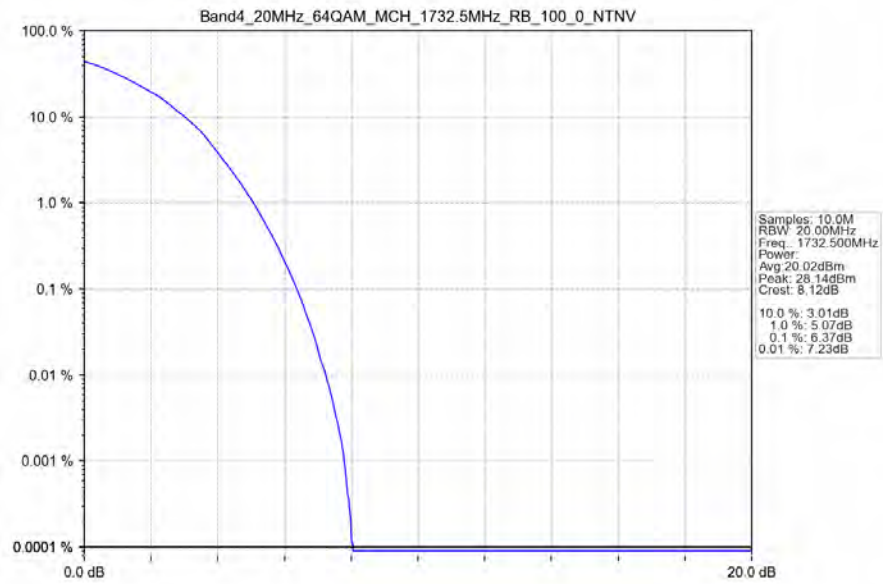
4.2.1 B4_20MHz



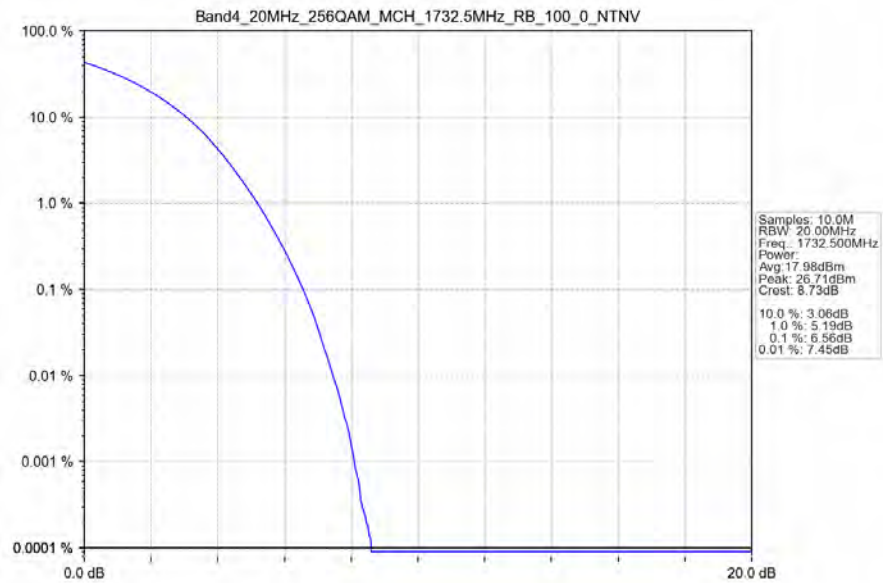
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

Samples: 10.0M
RBW: 20.00MHz
Freq: 1732.500MHz
Power:
Avg: 21.02dBm
Peak: 28.81dBm
Crest: 7.79dB

Band4 20MHz 64QAM MCH 1732.5MHz RB 100 0 NTN



Band4 20MHz 256QAM MCH 1732.5MHz RB 100 0 NTN



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 / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B4_15MHz

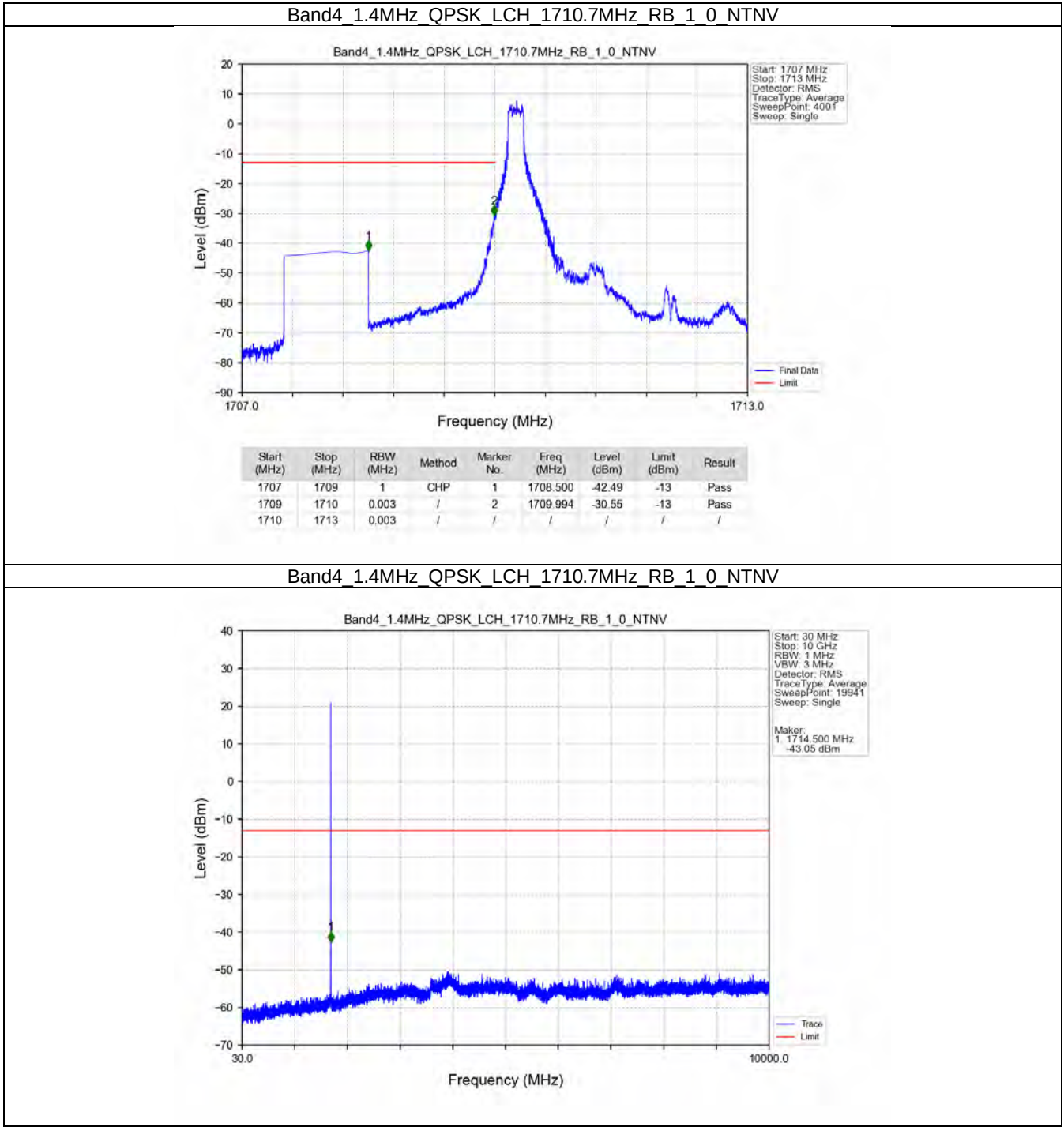
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

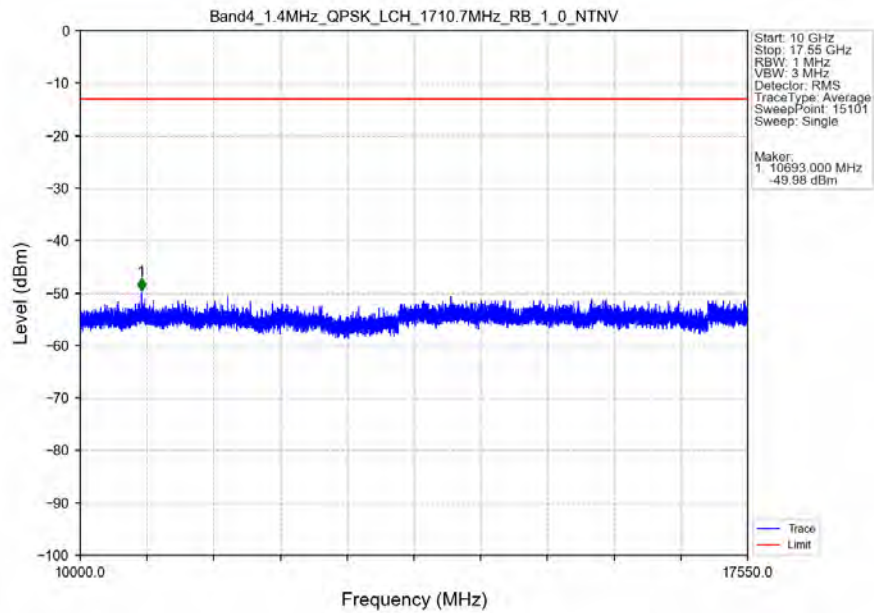
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

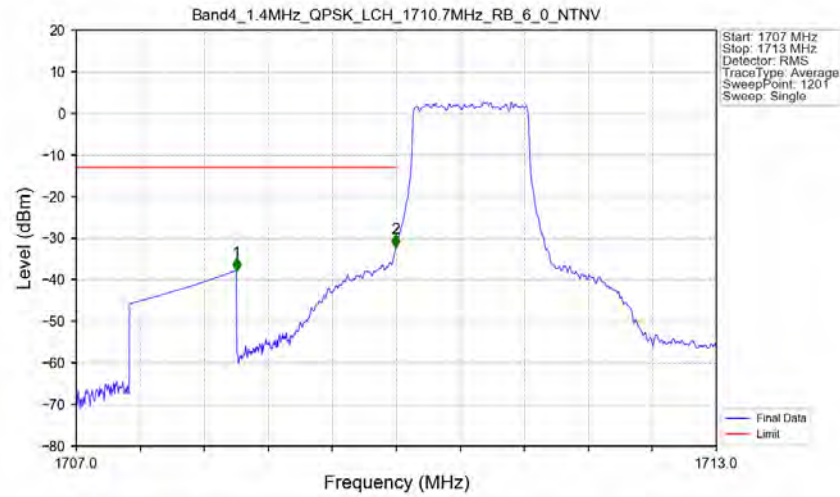
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

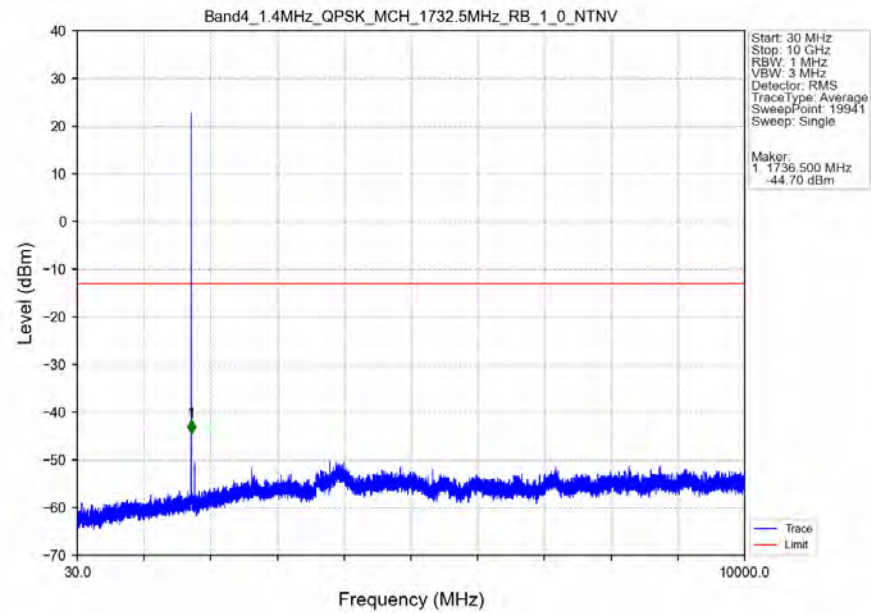


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

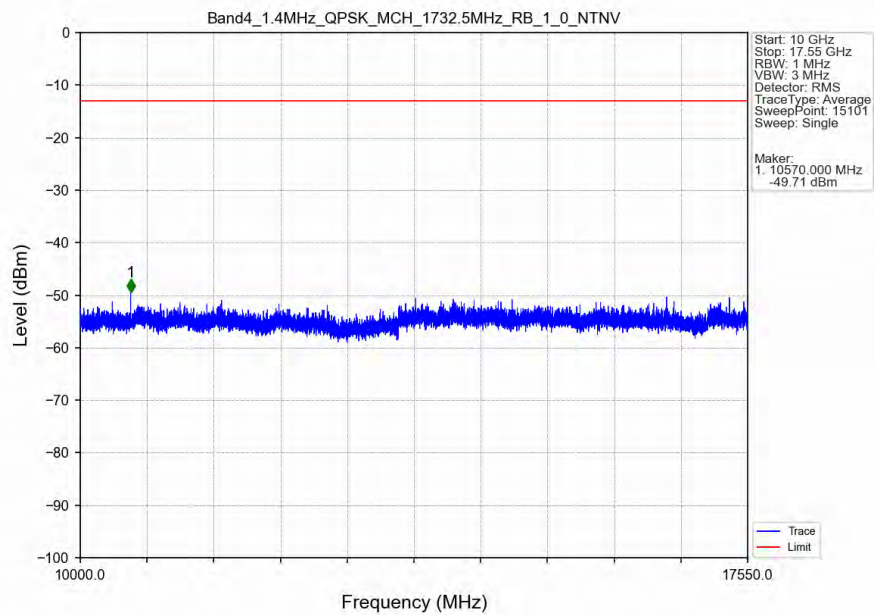


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-37.83	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-32.19	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

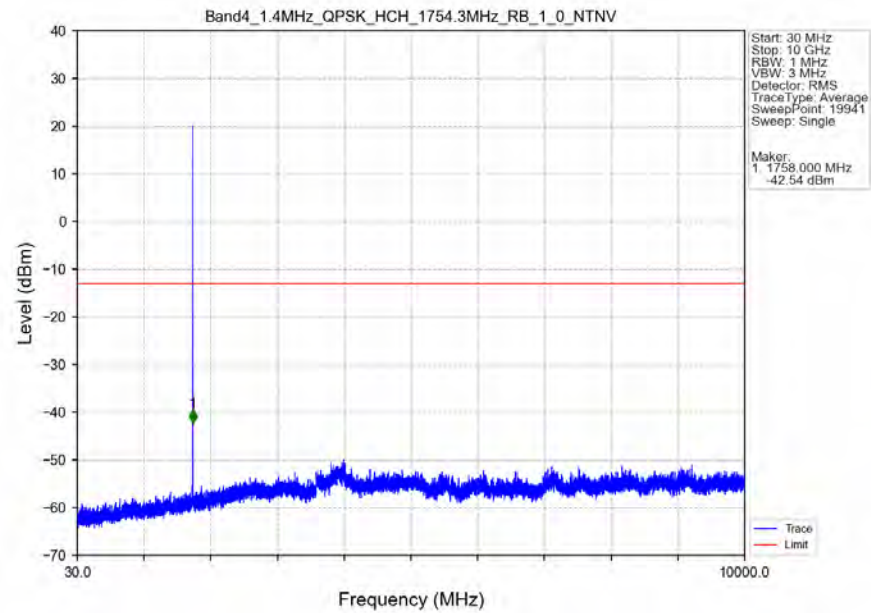
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



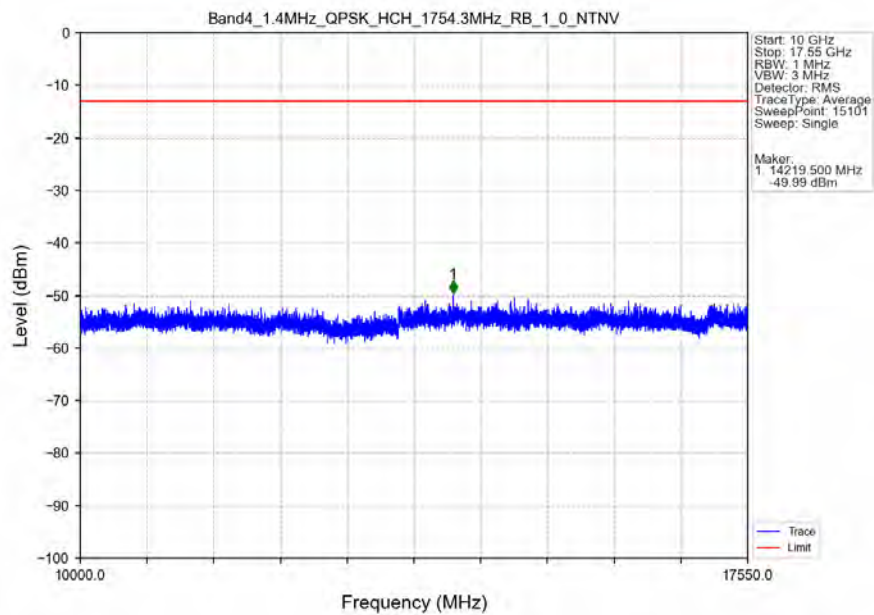
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



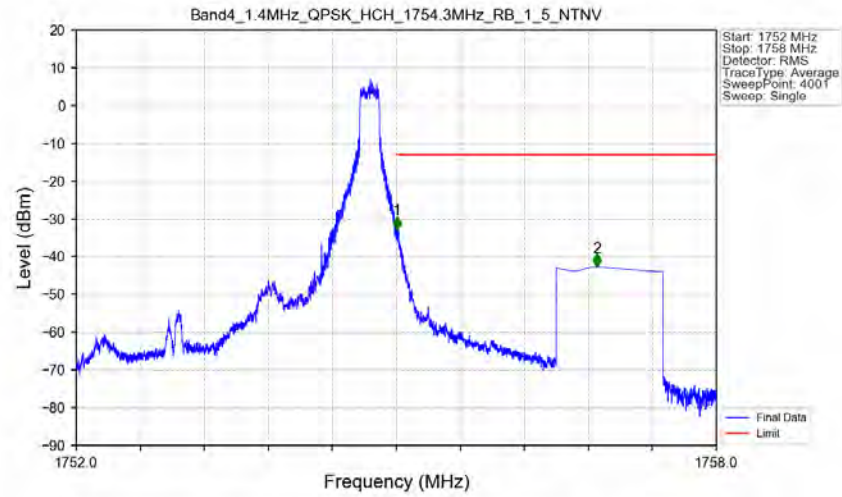
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

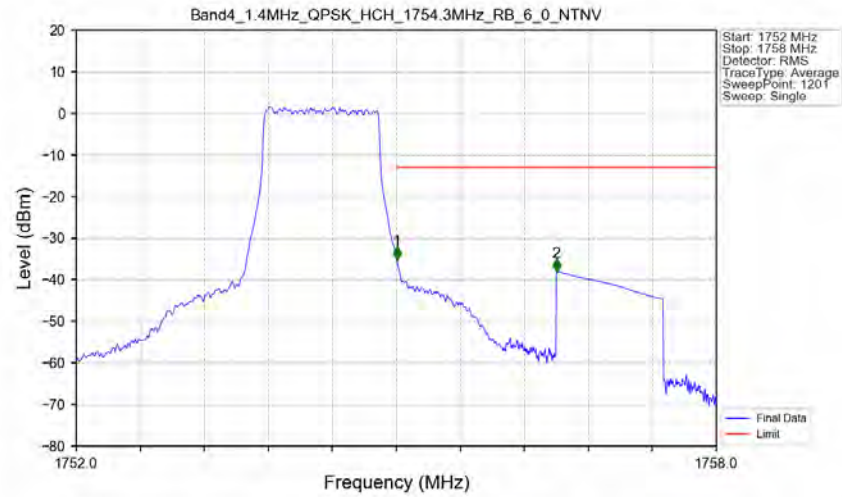


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



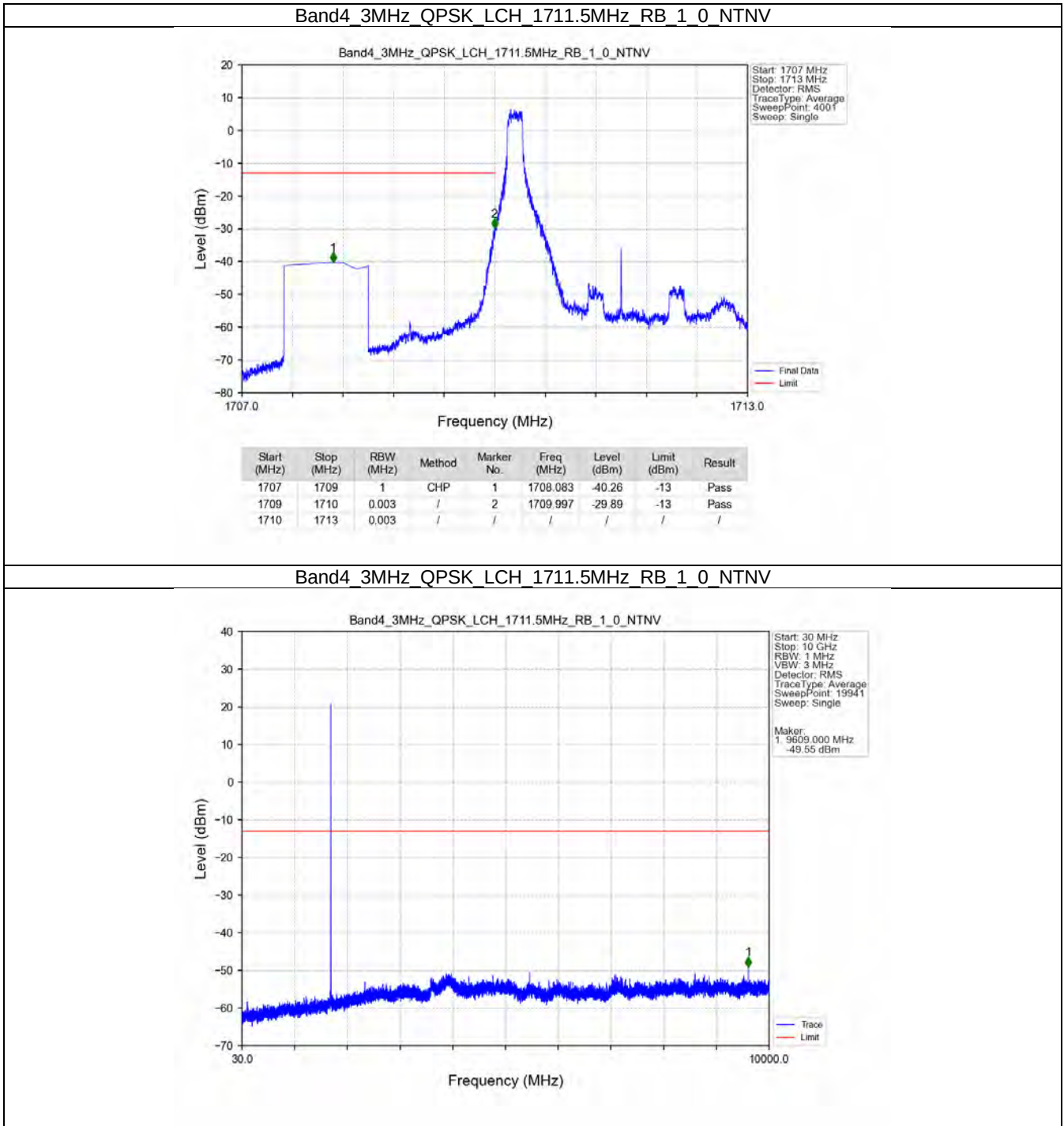
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-32.74	-13	Pass
1756	1758	1	CHP	2	1756.880	-42.73	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV

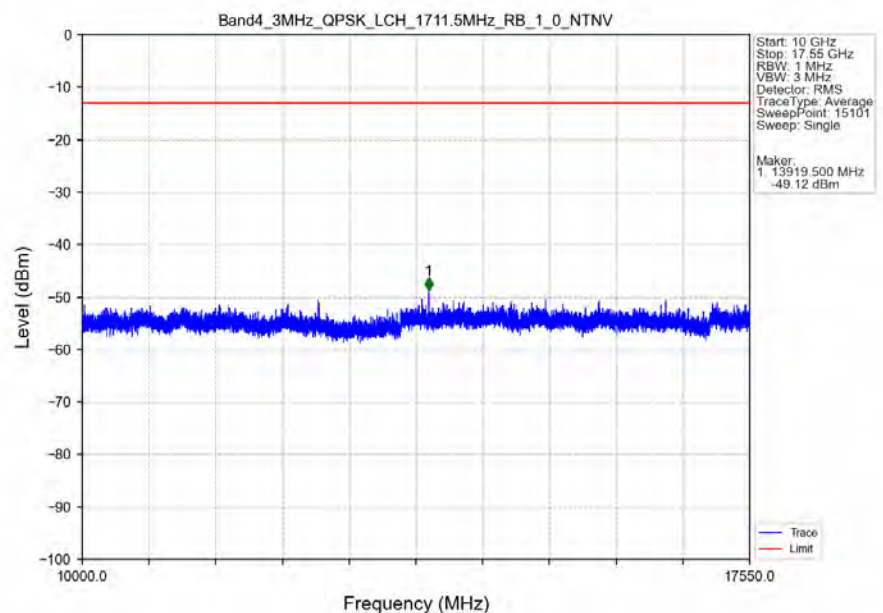


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-35.19	-13	Pass
1756	1758	1	CHP	2	1756.500	-38.07	-13	Pass

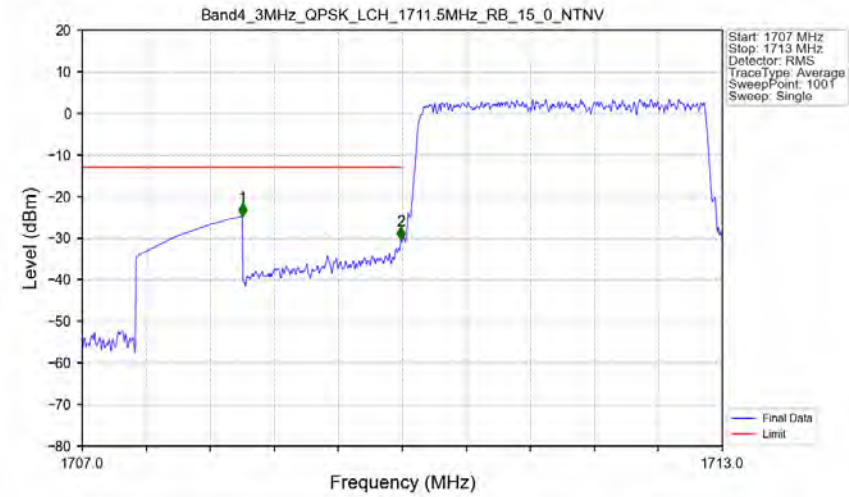
5.2.2 B4_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN

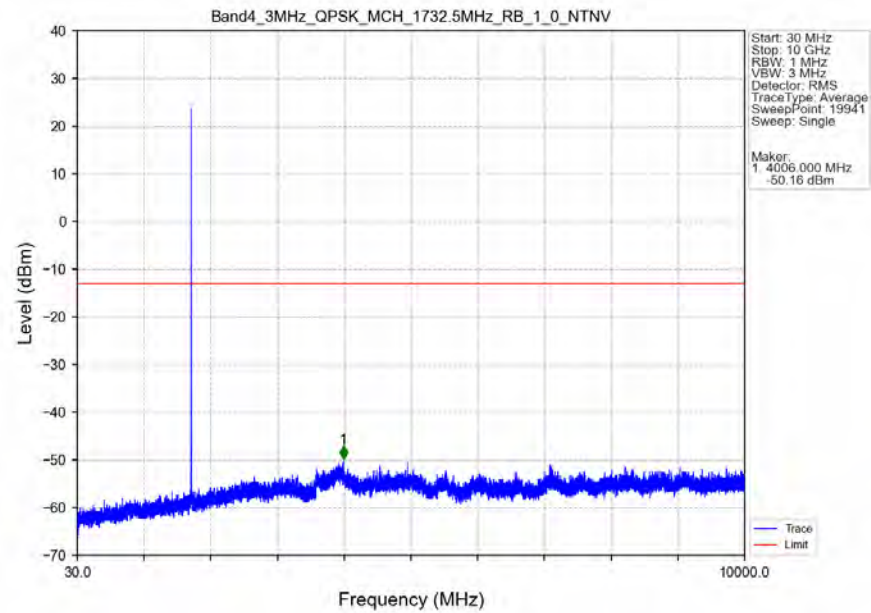


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN

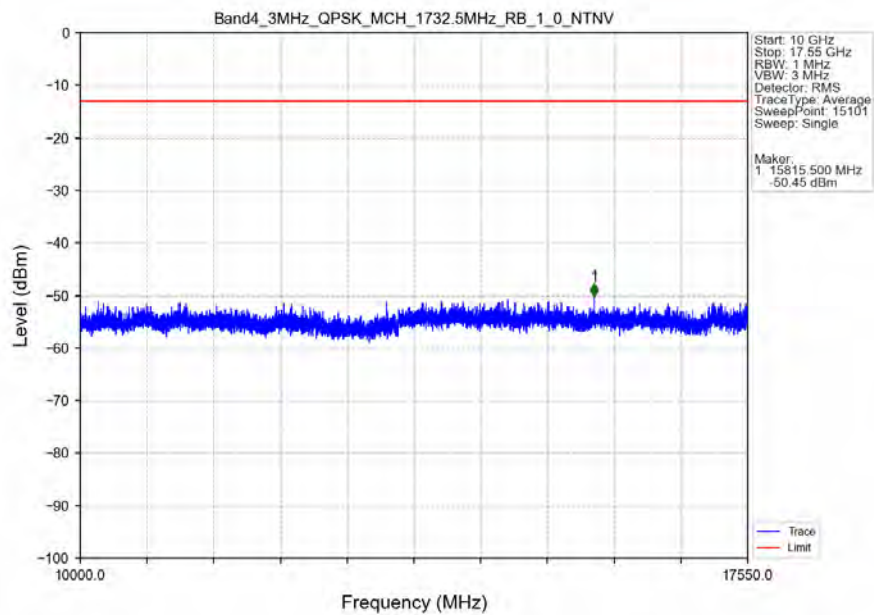


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-24.78	-13	Pass
1709	1710	0.03	/	2	1709.988	-30.41	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

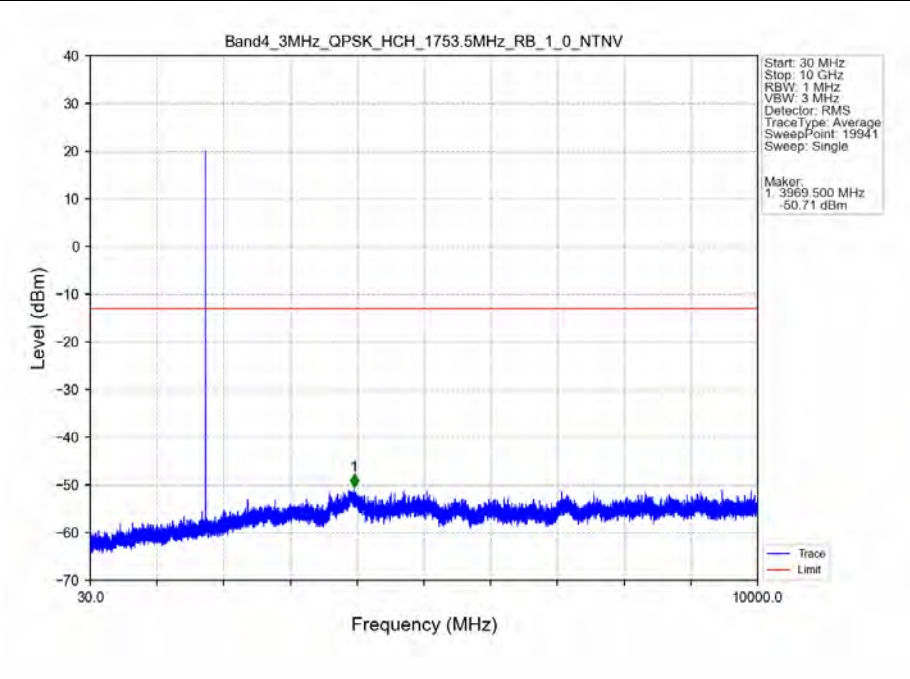
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTN



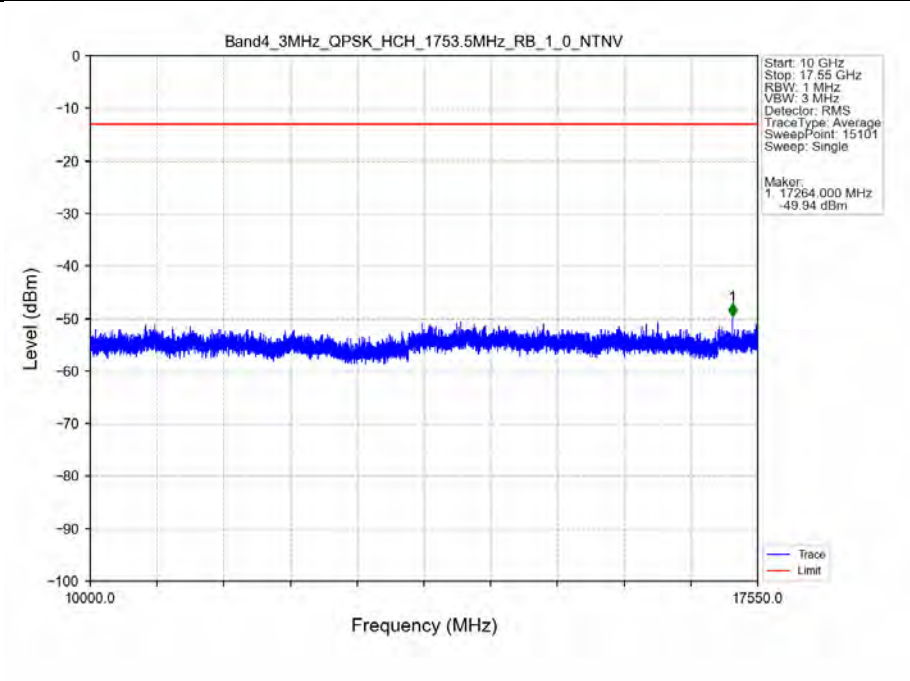
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTN



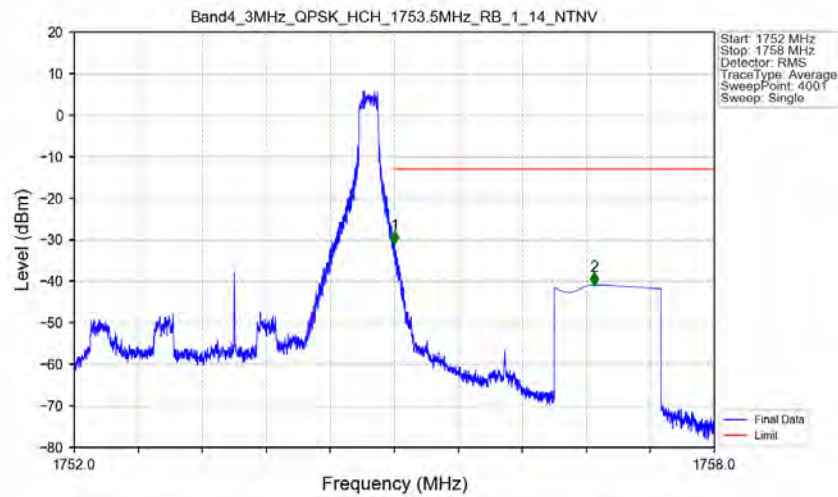
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN

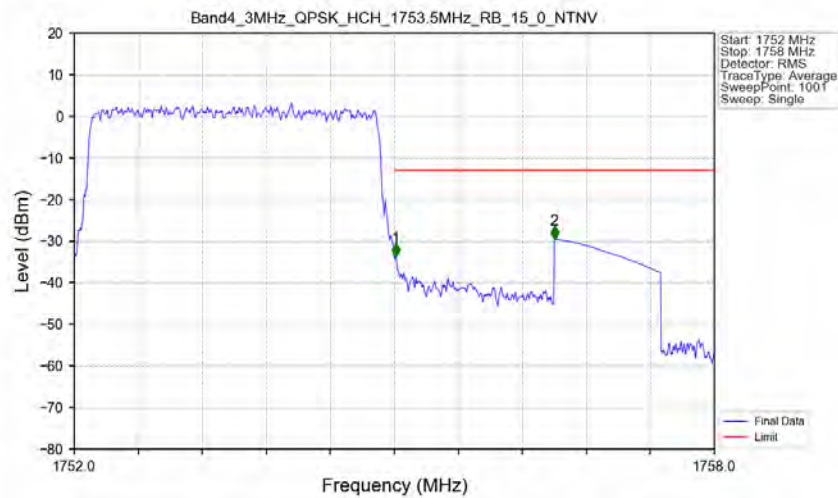


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



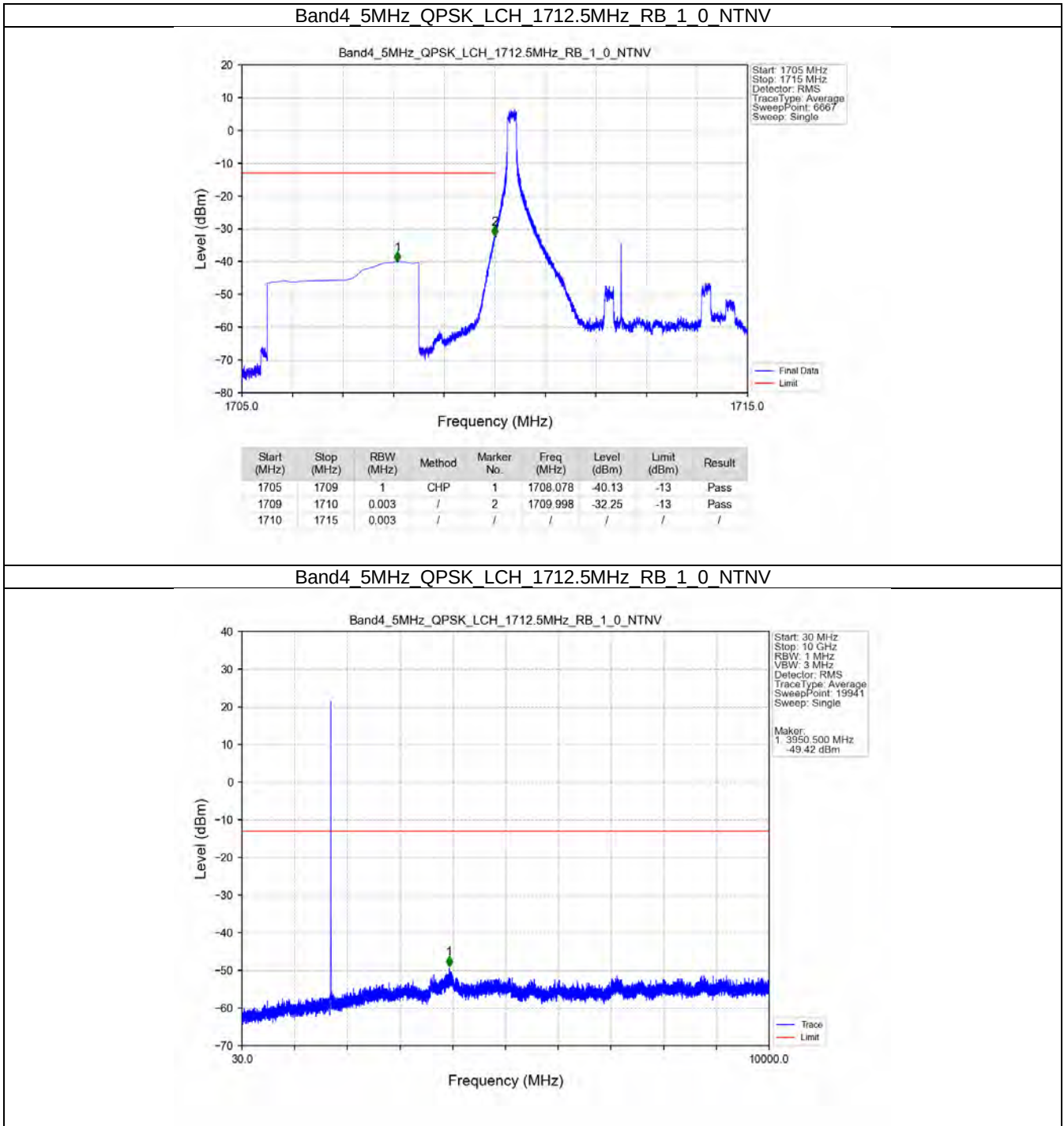
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-30.89	-13	Pass
1756	1758	1	CHP	2	1756.875	-40.89	-13	Pass

Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV

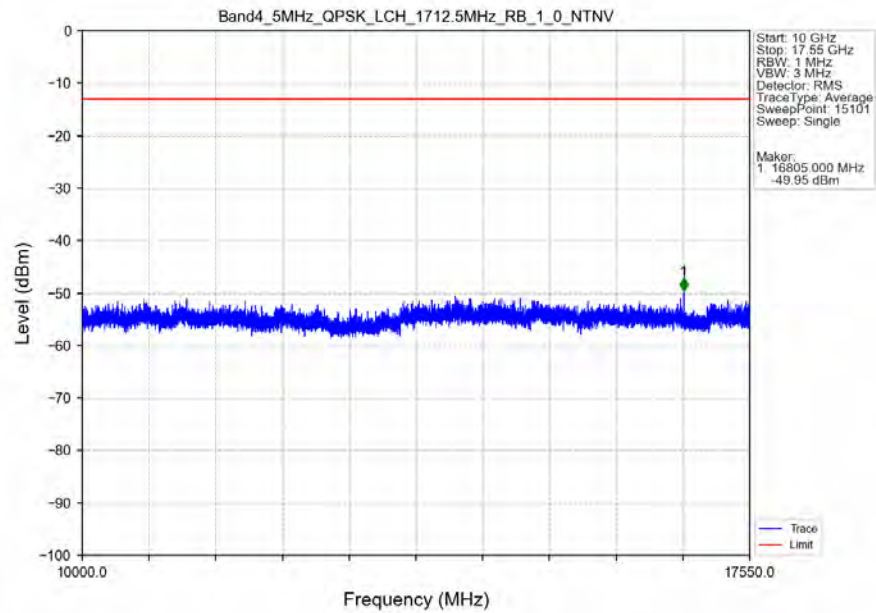


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.012	-33.75	-13	Pass
1756	1758	1	CHP	2	1756.500	-29.52	-13	Pass

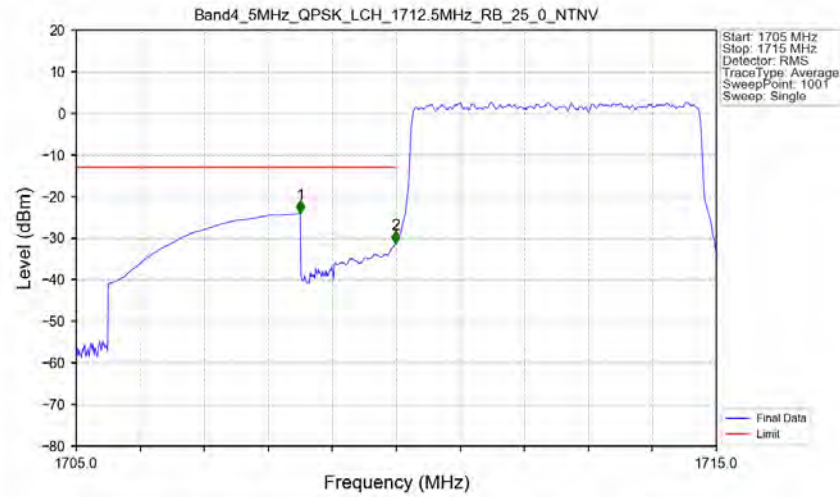
5.2.3 B4_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN

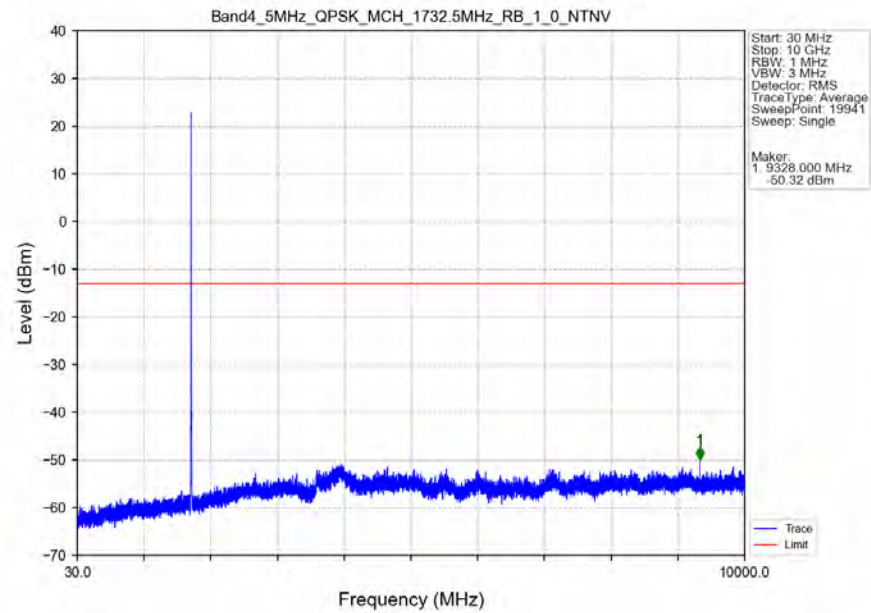


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN

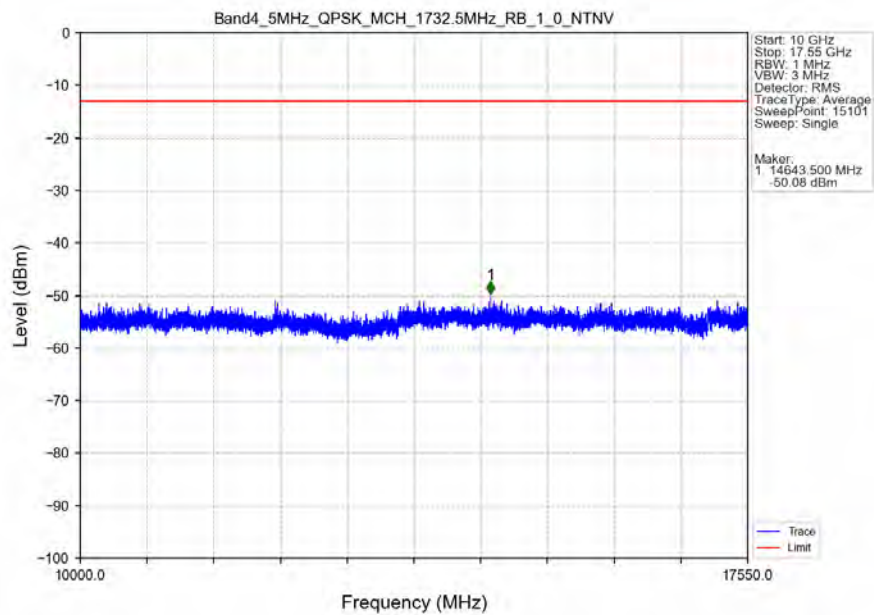


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-24.02	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-31.32	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

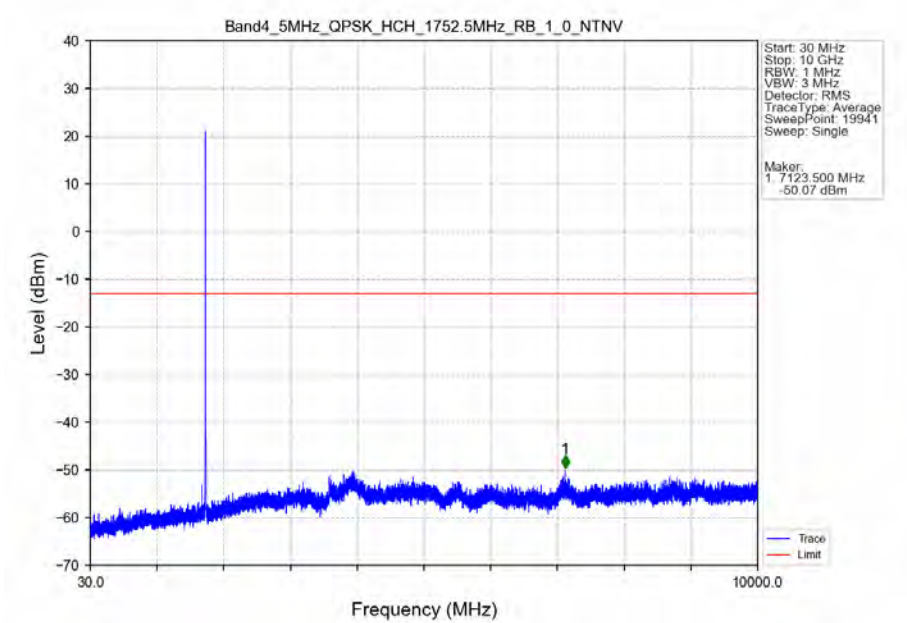
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



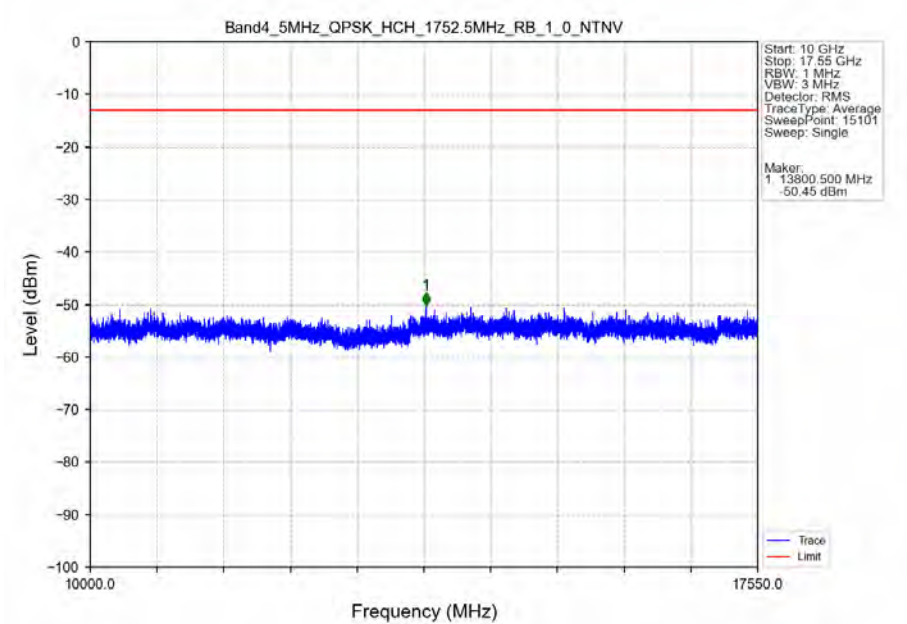
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



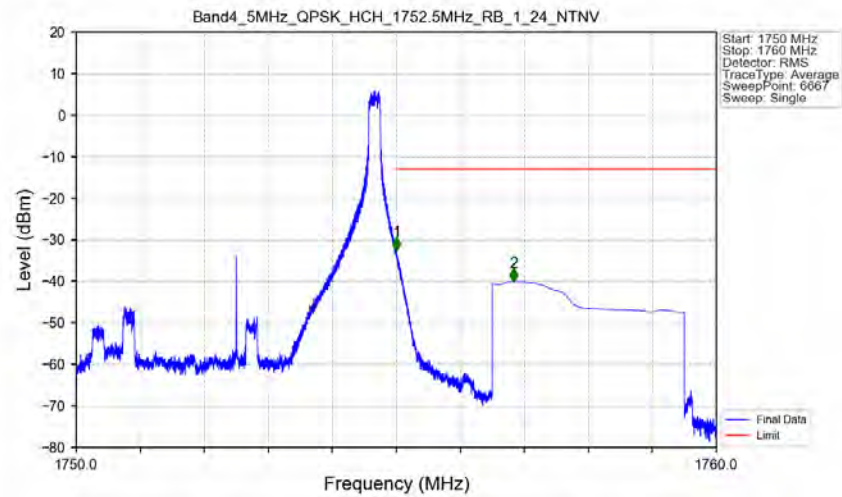
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN

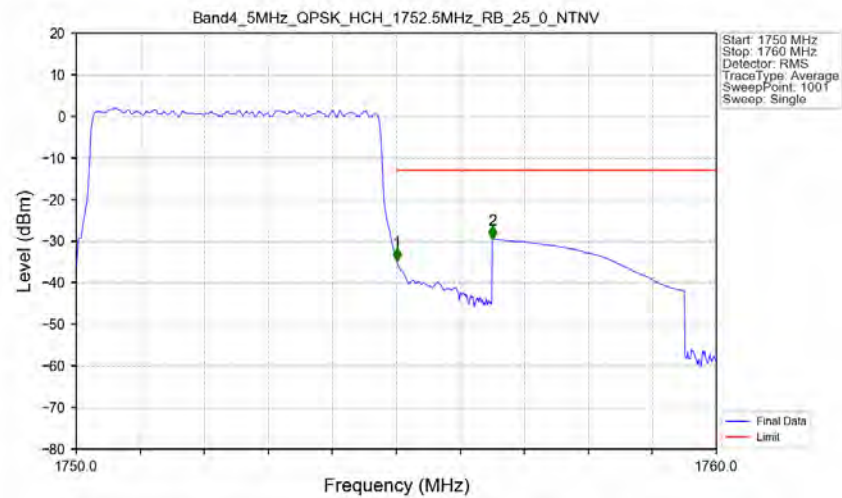


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



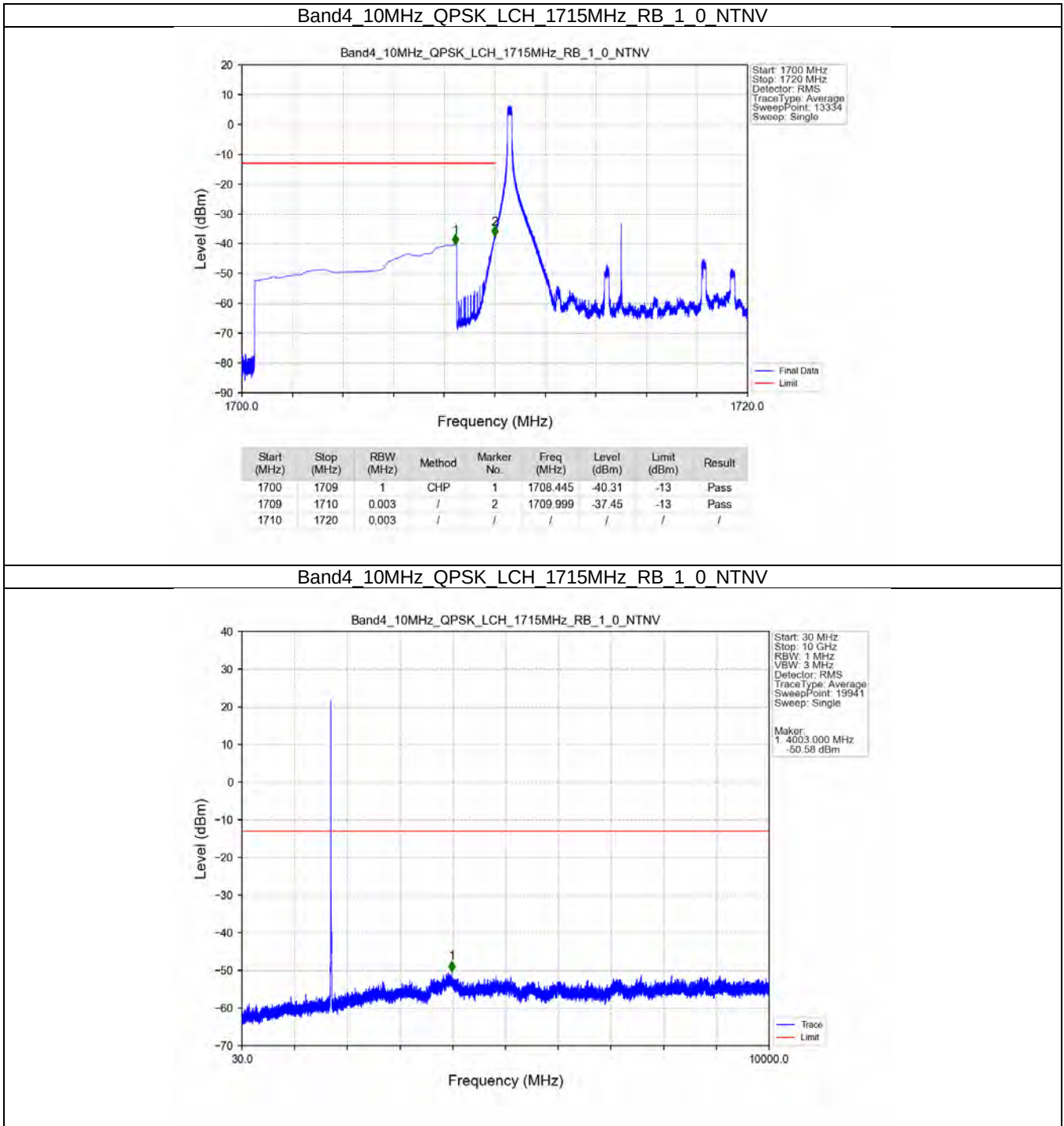
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-32.56	-13	Pass
1756	1760	1	CHP	2	1756.836	-40.12	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV

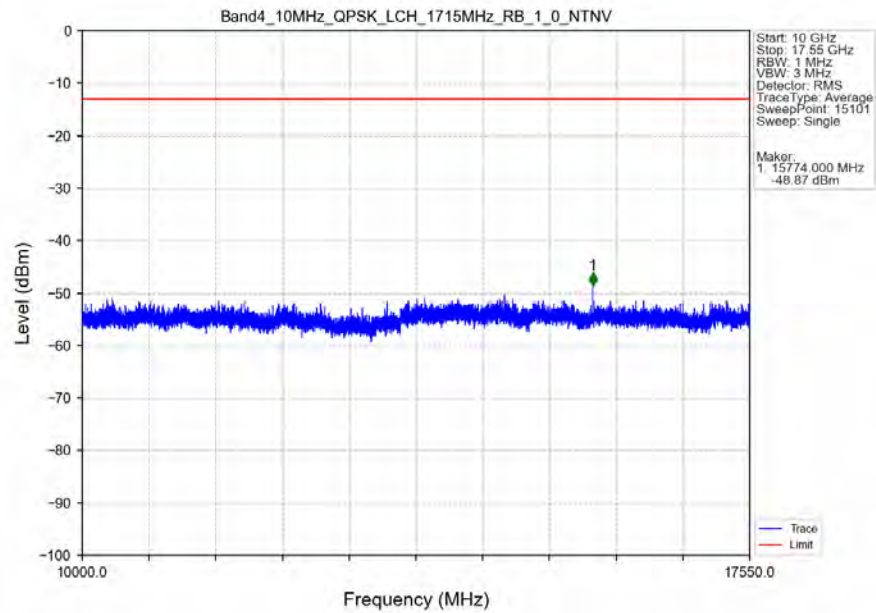


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	CHP	/	/	/	/	/
1755	1756	0.051	CHP	1	1755.010	-34.81	-13	Pass
1756	1760	1	CHP	2	1756.500	-29.46	-13	Pass

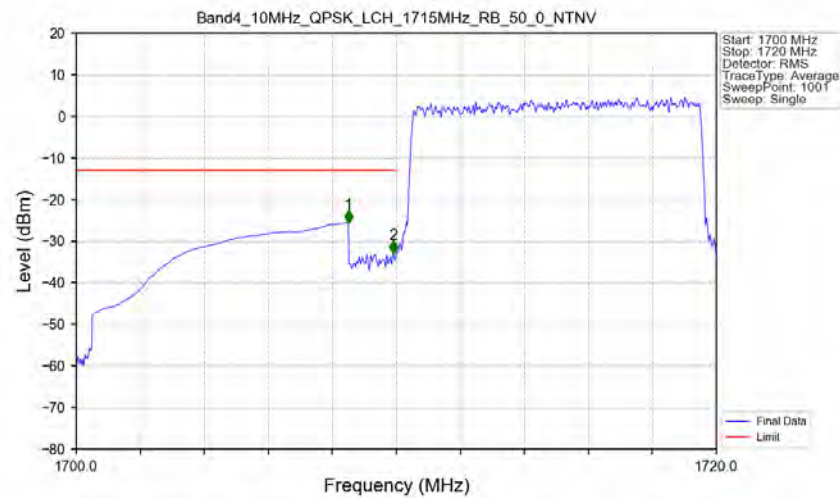
5.2.4 B4_10MHz



Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTN

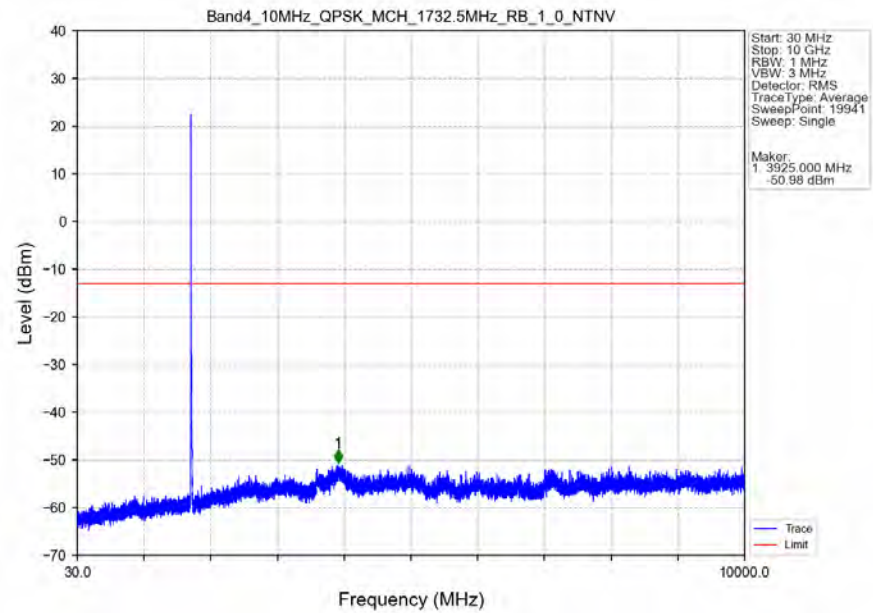


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN

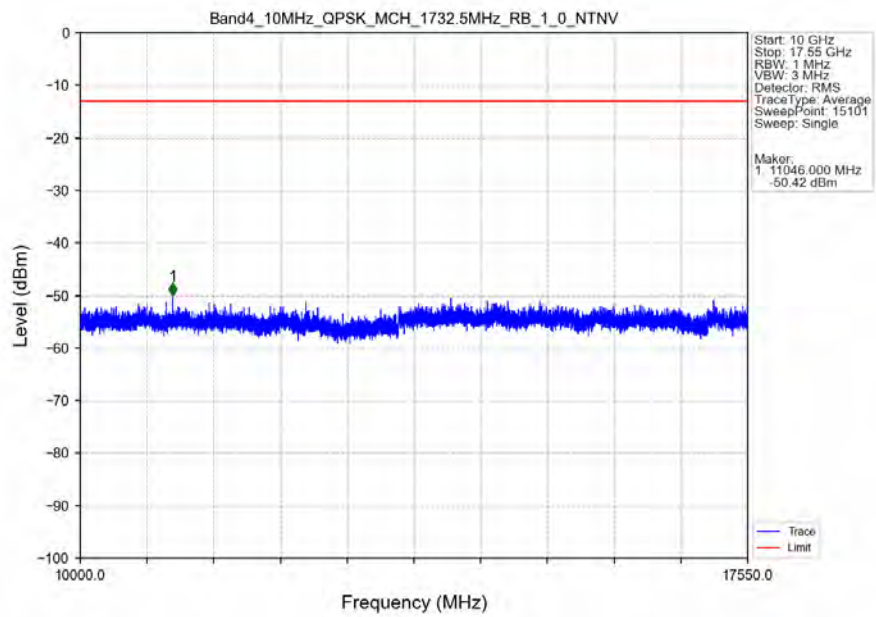


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-25.61	-13	Pass
1709	1710	0.1	/	2	1709.900	-32.93	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

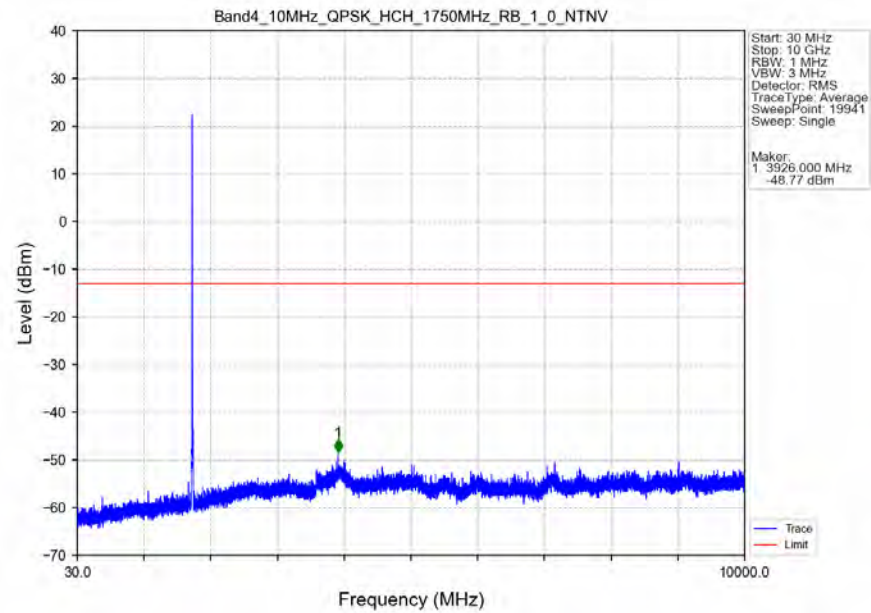
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



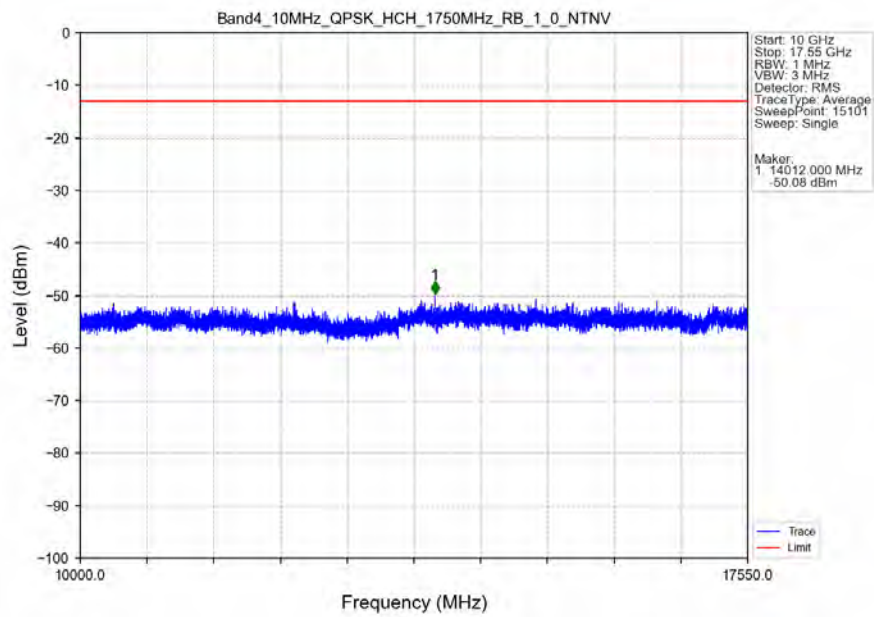
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



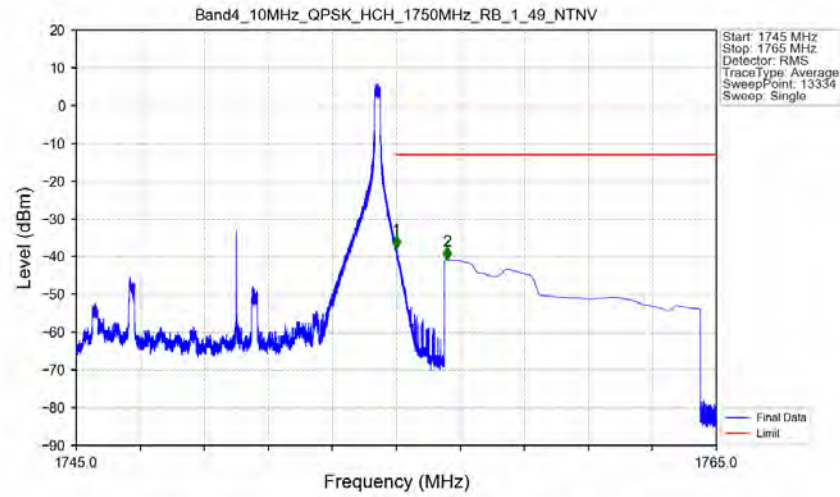
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

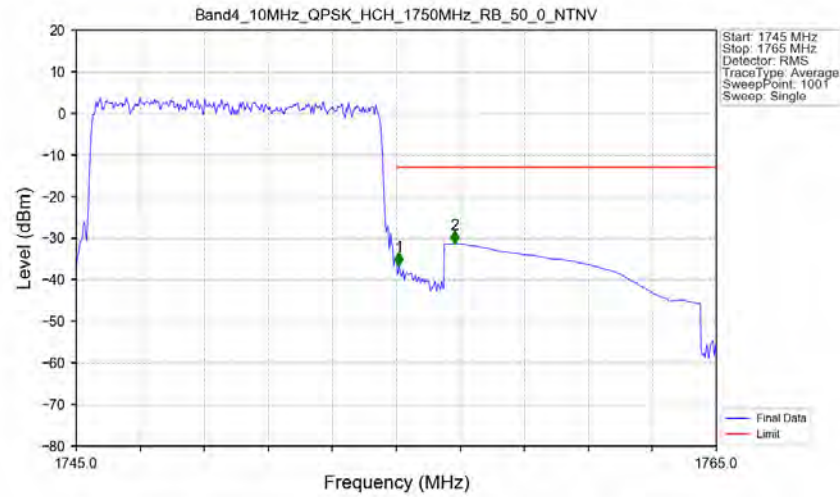


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTV



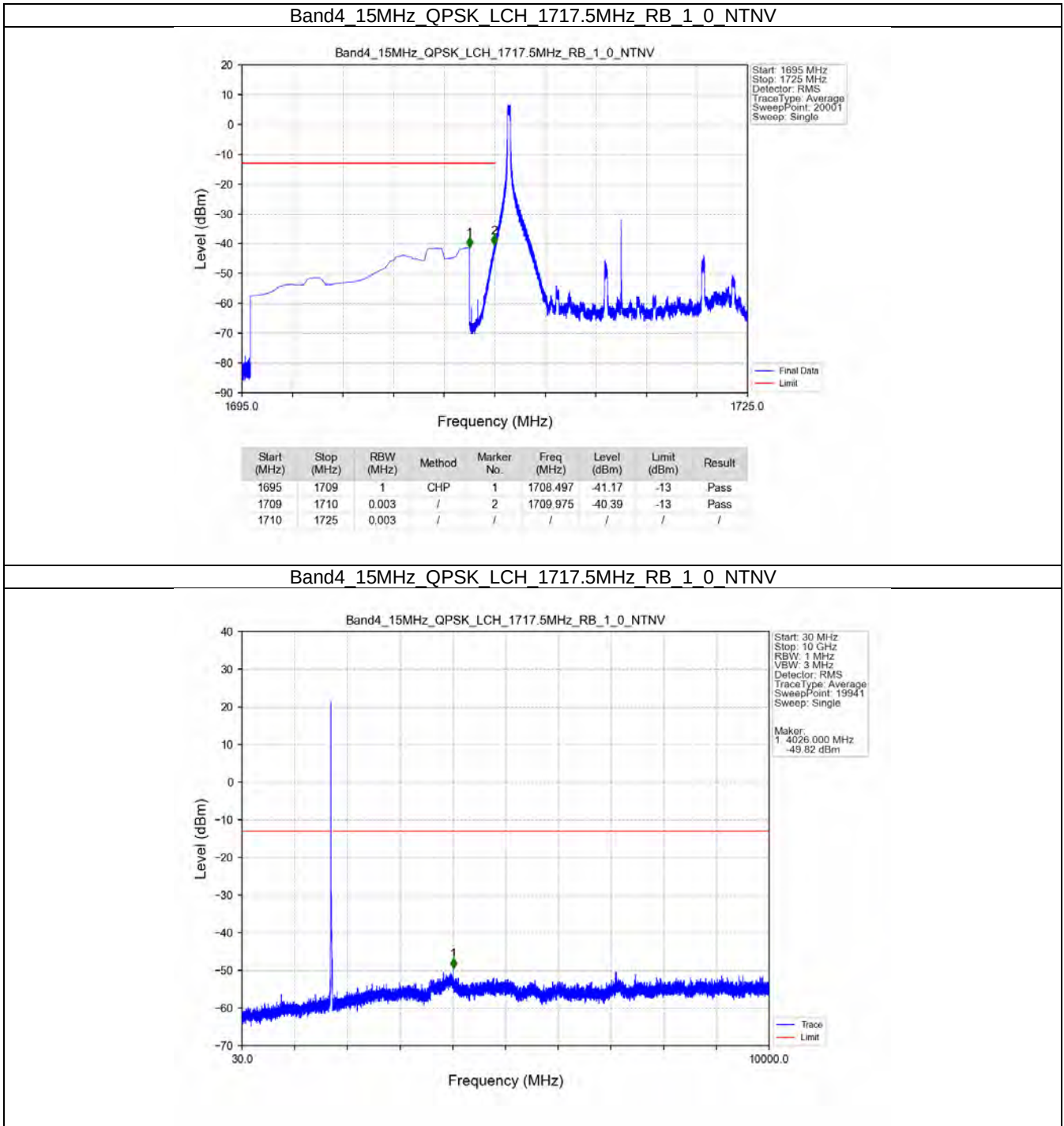
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-37.81	-13	Pass
1756	1765	1	CHP	2	1756.577	-40.83	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTV

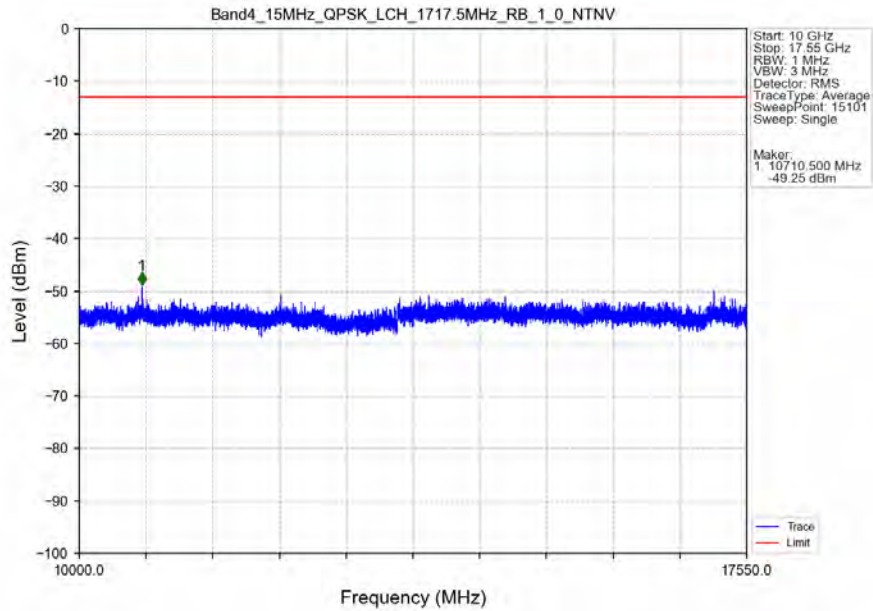


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.080	-36.55	-13	Pass
1756	1765	1	CHP	2	1756.820	-31.39	-13	Pass

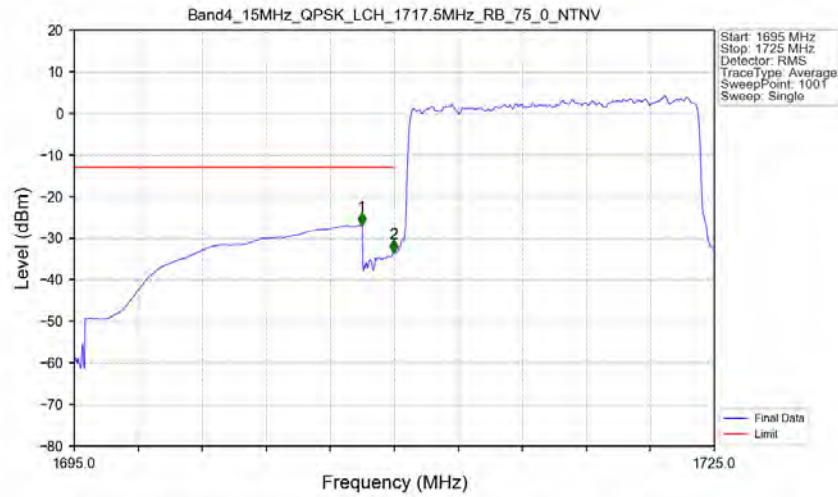
5.2.5 B4_15MHz



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

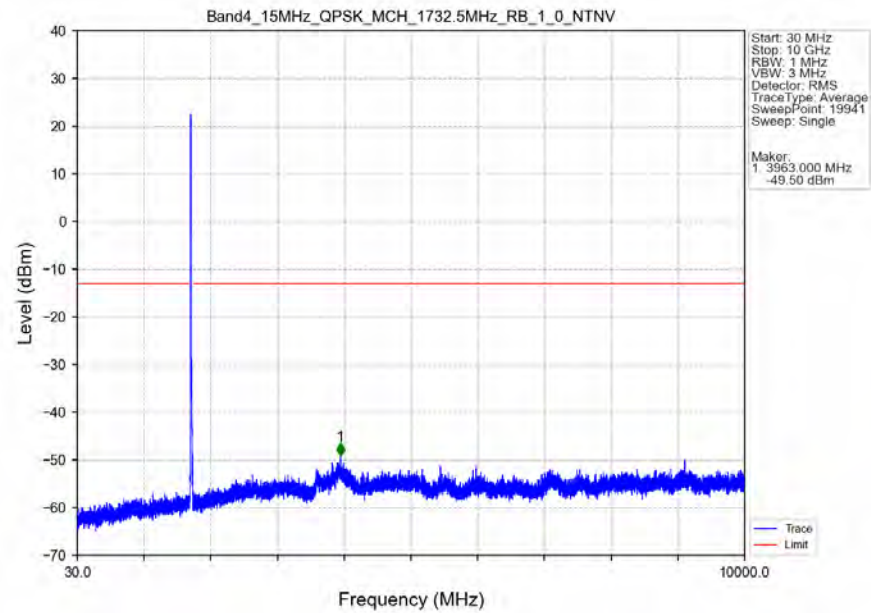


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

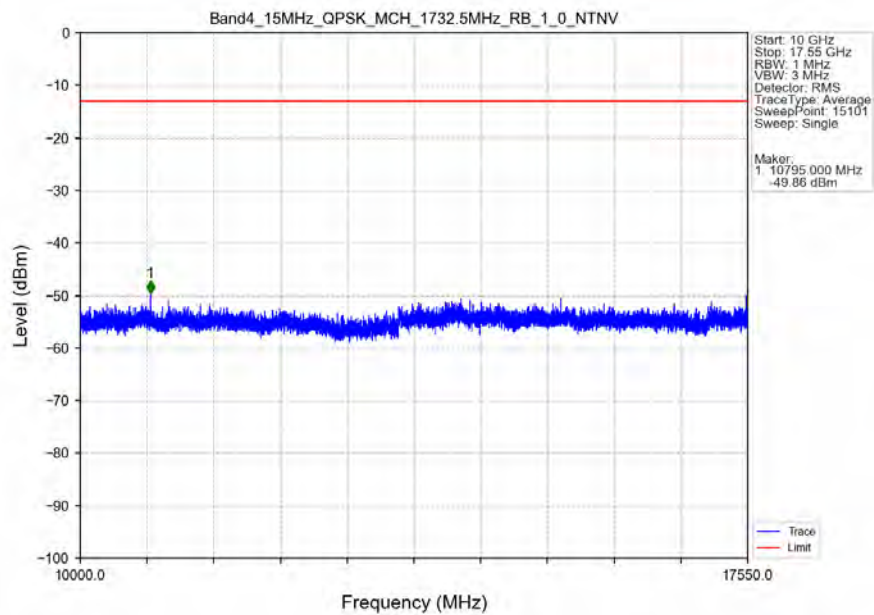


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-26.97	-13	Pass
1709	1710	0.149	CHP	2	1709.970	-33.52	-13	Pass
1710	1725	0.149	CHP	/	/	/	/	/

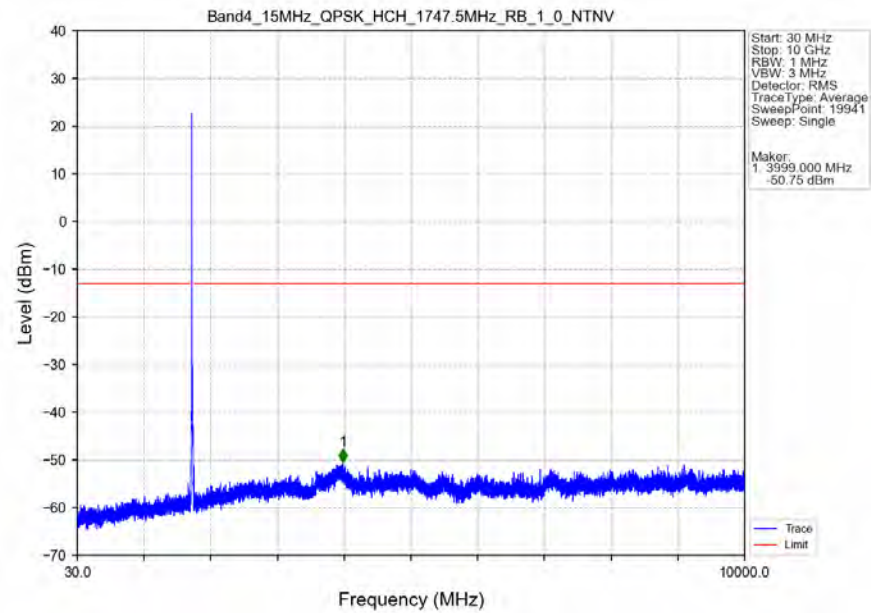
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



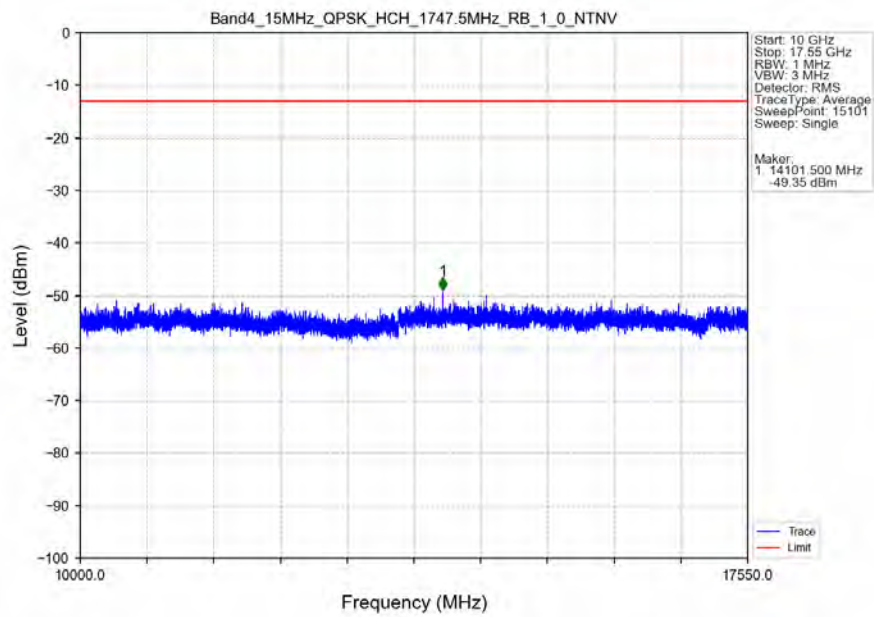
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



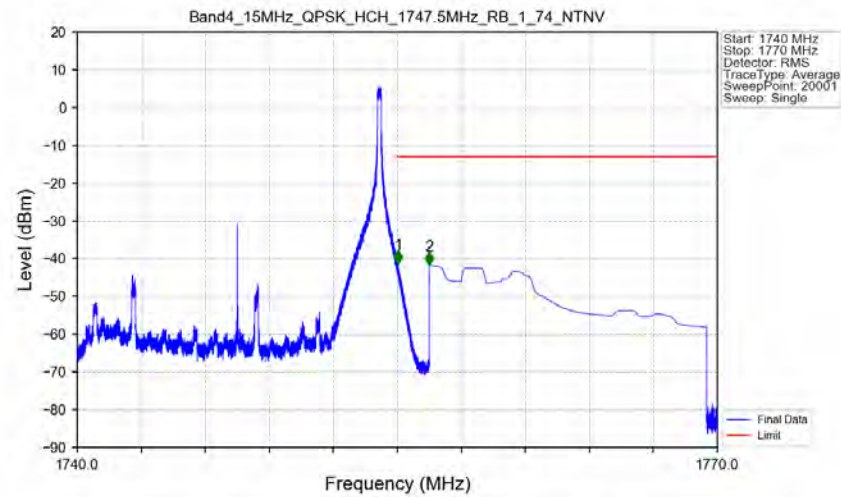
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

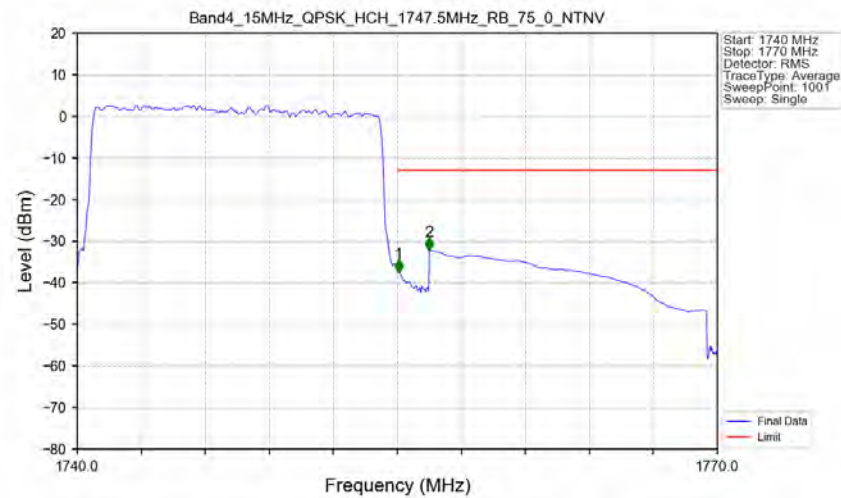


Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTV



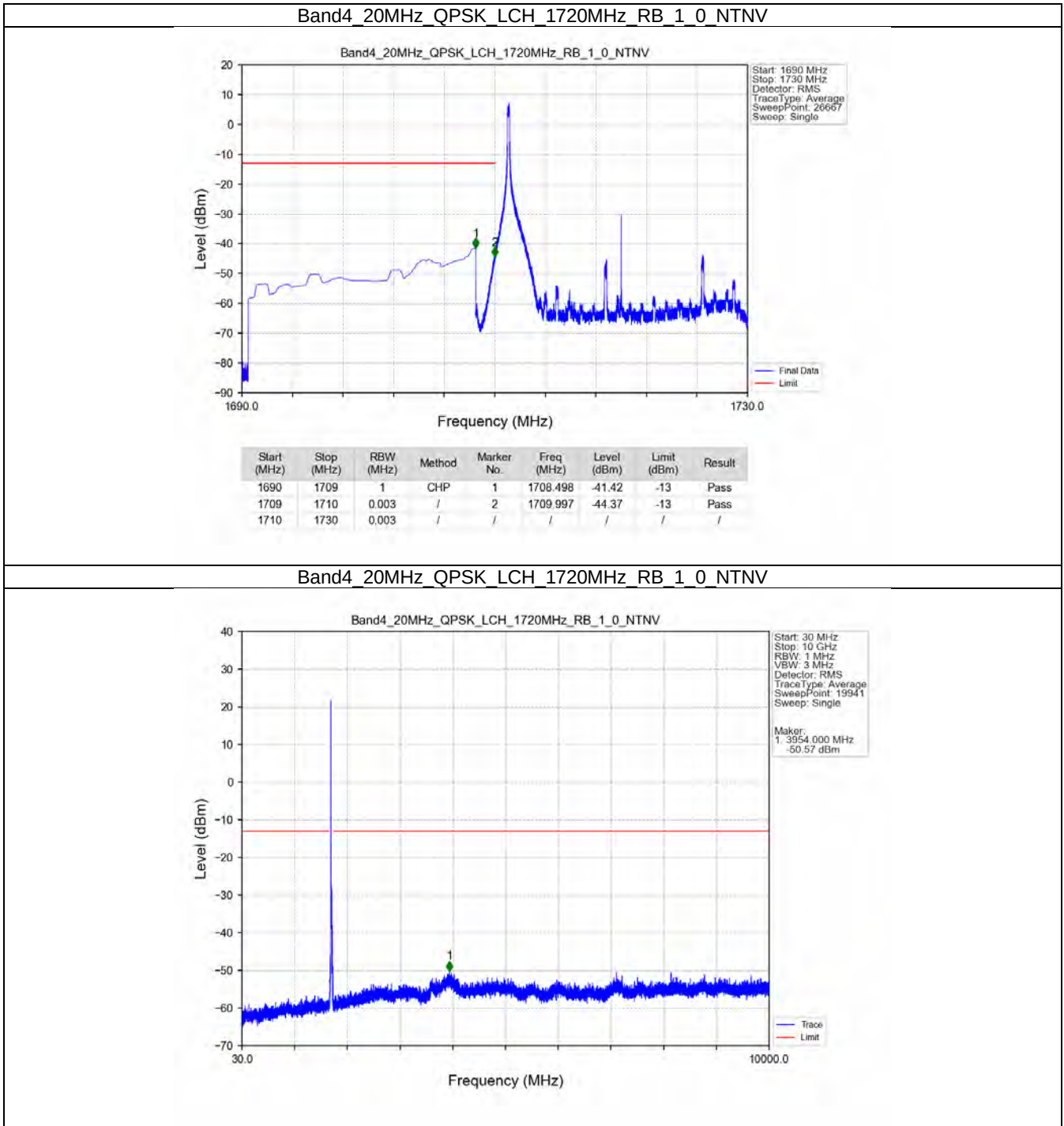
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.048	-41.17	-13	Pass
1756	1770	1	CHP	2	1756.500	-41.69	-13	Pass

Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTV

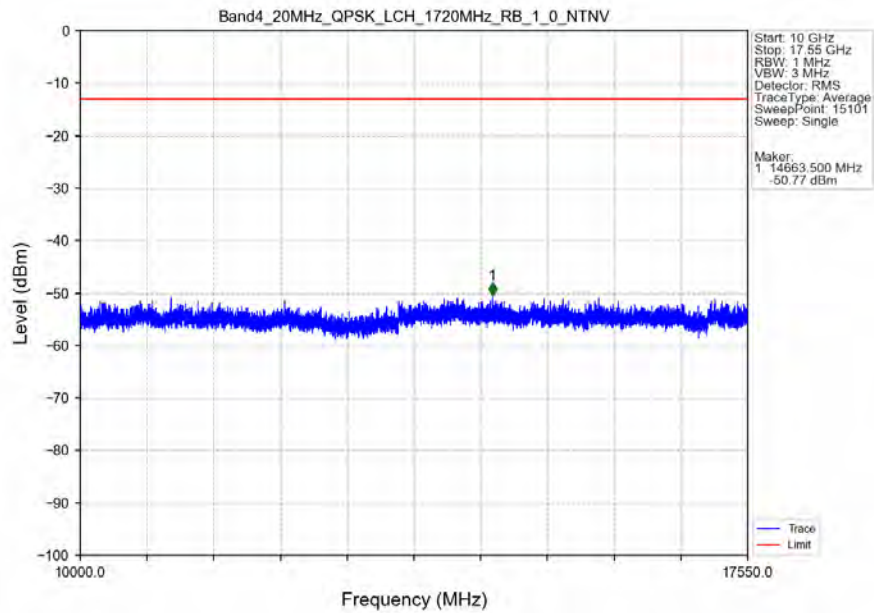


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.149	CHP	/	/	/	/	/
1755	1756	0.149	CHP	1	1755.060	-37.50	-13	Pass
1756	1770	1	CHP	2	1756.500	-32.19	-13	Pass

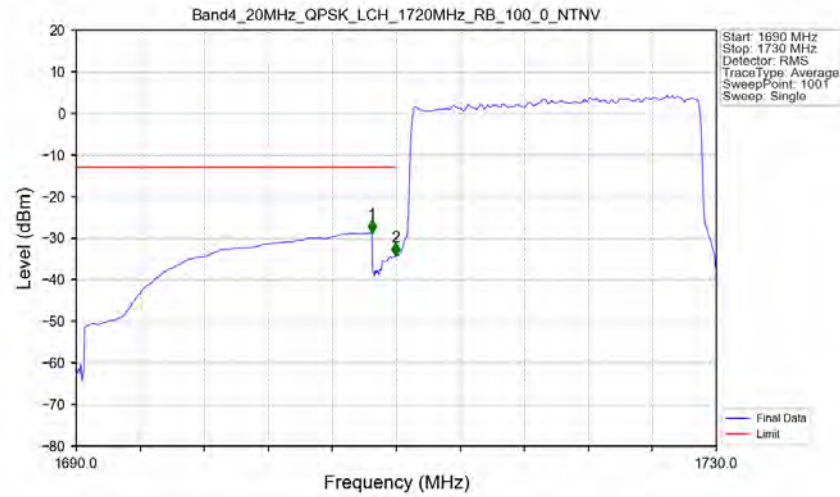
5.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

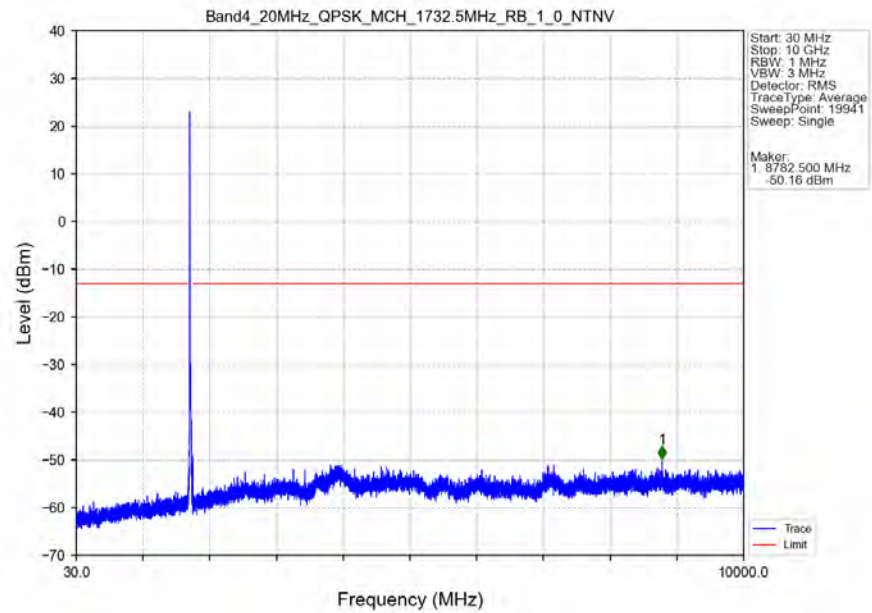


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

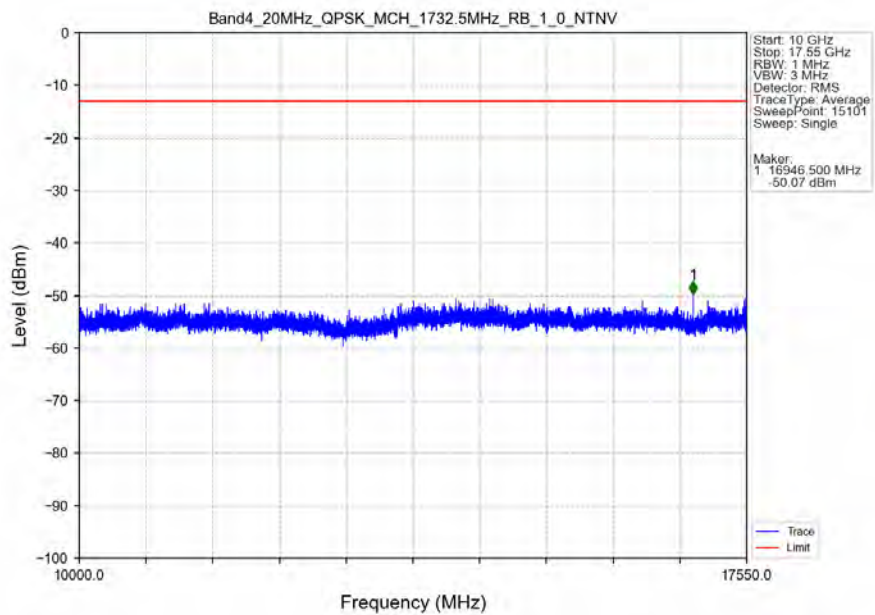


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-28.71	-13	Pass
1709	1710	0.198	CHP	2	1709.960	-34.30	-13	Pass
1710	1730	0.198	CHP	/	/	/	/	/

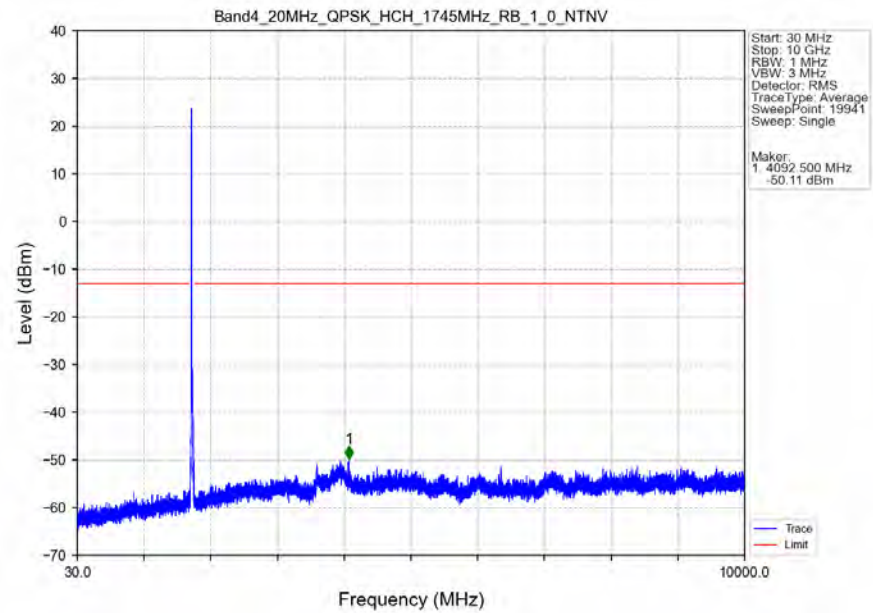
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



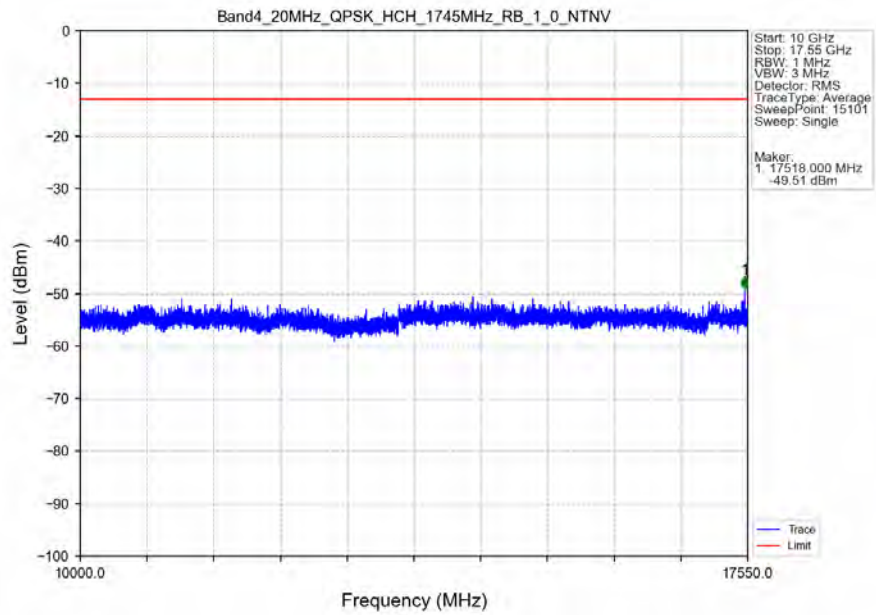
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



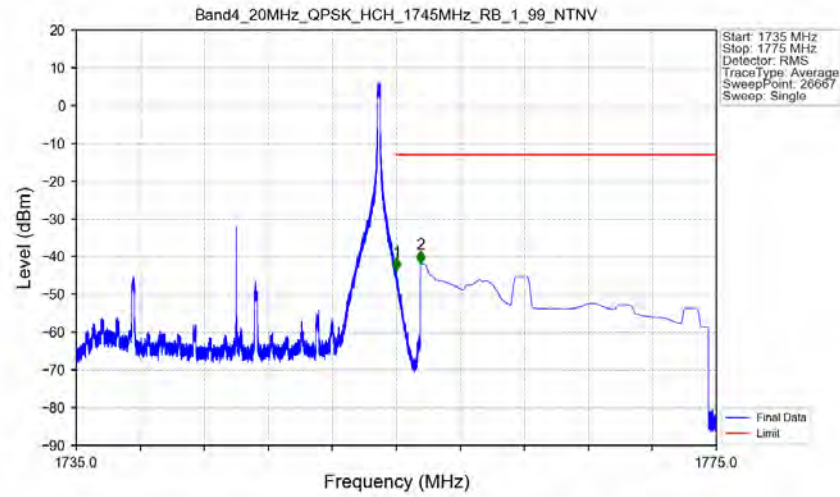
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN

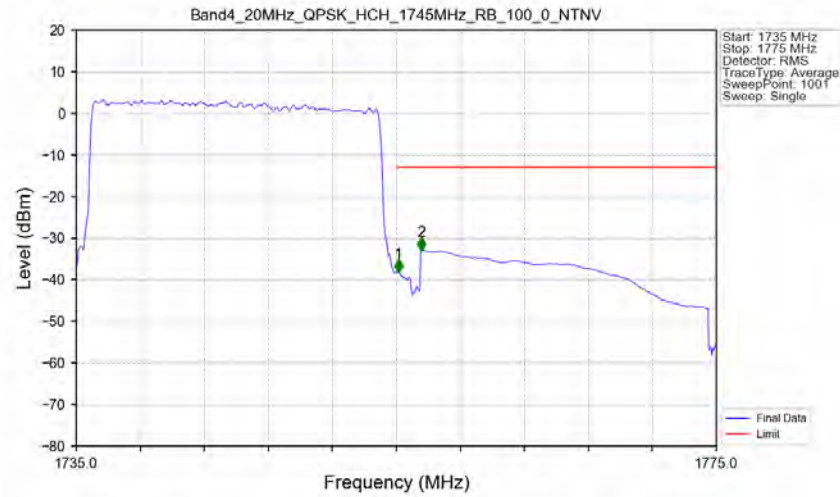


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTV



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	-43.61	-13	Pass
1756	1775	1	CHP	2	1756.500	-41.75	-13	Pass

Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTV



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	1755.120	-38.15	-13	Pass
1756	1775	1	CHP	2	1756.560	-32.91	-13	Pass