

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	22.58	5.00	27.58	<=30	Pass
			2	22.48	5.00	27.48	<=30	Pass
			5	22.70	5.00	27.70	<=30	Pass
		3	0	22.59	5.00	27.59	<=30	Pass
			2	22.62	5.00	27.62	<=30	Pass
			3	22.54	5.00	27.54	<=30	Pass
		6	0	21.68	5.00	26.68	<=30	Pass
	1732.5	1	0	22.79	5.00	27.79	<=30	Pass
			2	22.85	5.00	27.85	<=30	Pass
			5	22.46	5.00	27.46	<=30	Pass
		3	0	22.54	5.00	27.54	<=30	Pass
			2	22.38	5.00	27.38	<=30	Pass
			3	22.52	5.00	27.52	<=30	Pass
		6	0	21.64	5.00	26.64	<=30	Pass
	1754.3	1	0	22.58	5.00	27.58	<=30	Pass
			2	22.56	5.00	27.56	<=30	Pass
			5	22.77	5.00	27.77	<=30	Pass
		3	0	22.52	5.00	27.52	<=30	Pass
			2	22.53	5.00	27.53	<=30	Pass
			3	22.55	5.00	27.55	<=30	Pass
		6	0	21.79	5.00	26.79	<=30	Pass
16QAM	1710.7	1	0	21.92	5.00	26.92	<=30	Pass
			2	22.01	5.00	27.01	<=30	Pass
			5	21.25	5.00	26.25	<=30	Pass
		3	0	21.72	5.00	26.72	<=30	Pass
			2	21.89	5.00	26.89	<=30	Pass
			3	20.90	5.00	25.90	<=30	Pass
		6	0	20.86	5.00	25.86	<=30	Pass
	1732.5	1	0	21.49	5.00	26.49	<=30	Pass
			2	22.35	5.00	27.35	<=30	Pass
			5	22.15	5.00	27.15	<=30	Pass
		3	0	21.74	5.00	26.74	<=30	Pass
			2	21.90	5.00	26.90	<=30	Pass
			3	21.93	5.00	26.93	<=30	Pass
		6	0	20.83	5.00	25.83	<=30	Pass
	1754.3	1	0	21.50	5.00	26.50	<=30	Pass
			2	21.99	5.00	26.99	<=30	Pass
			5	22.15	5.00	27.15	<=30	Pass
		3	0	21.75	5.00	26.75	<=30	Pass
			2	21.90	5.00	26.90	<=30	Pass
			3	21.85	5.00	26.85	<=30	Pass
		6	0	20.99	5.00	25.99	<=30	Pass
64QAM	1710.7	1	0	21.46	5.00	26.46	<=30	Pass
			2	21.65	5.00	26.65	<=30	Pass
			5	21.45	5.00	26.45	<=30	Pass
		3	0	21.66	5.00	26.66	<=30	Pass
			2	21.58	5.00	26.58	<=30	Pass
			3	21.23	5.00	26.23	<=30	Pass
		6	0	20.62	5.00	25.62	<=30	Pass

	1732.5	1	0	20.93	5.00	25.93	<=30	Pass
			2	20.77	5.00	25.77	<=30	Pass
			5	20.70	5.00	25.70	<=30	Pass
		3	0	20.71	5.00	25.71	<=30	Pass
			2	20.88	5.00	25.88	<=30	Pass
			3	20.78	5.00	25.78	<=30	Pass
		6	0	19.54	5.00	24.54	<=30	Pass
	1754.3	1	0	20.96	5.00	25.96	<=30	Pass
			2	20.30	5.00	25.30	<=30	Pass
			5	20.82	5.00	25.82	<=30	Pass
		3	0	20.77	5.00	25.77	<=30	Pass
			2	20.65	5.00	25.65	<=30	Pass
			3	21.03	5.00	26.03	<=30	Pass
		6	0	19.86	5.00	24.86	<=30	Pass
256QAM	1710.7	1	0	17.80	5.00	22.80	<=30	Pass
			2	17.45	5.00	22.45	<=30	Pass
			5	17.72	5.00	22.72	<=30	Pass
		3	0	17.85	5.00	22.85	<=30	Pass
			2	17.71	5.00	22.71	<=30	Pass
			3	17.31	5.00	22.31	<=30	Pass
		6	0	17.67	5.00	22.67	<=30	Pass
	1732.5	1	0	17.92	5.00	22.92	<=30	Pass
			2	17.64	5.00	22.64	<=30	Pass
			5	17.85	5.00	22.85	<=30	Pass
		3	0	17.69	5.00	22.69	<=30	Pass
			2	17.74	5.00	22.74	<=30	Pass
			3	17.82	5.00	22.82	<=30	Pass
		6	0	17.71	5.00	22.71	<=30	Pass
	1754.3	1	0	17.87	5.00	22.87	<=30	Pass
			2	17.67	5.00	22.67	<=30	Pass
			5	17.73	5.00	22.73	<=30	Pass
		3	0	18.02	5.00	23.02	<=30	Pass
			2	17.58	5.00	22.58	<=30	Pass
			3	17.83	5.00	22.83	<=30	Pass
		6	0	17.84	5.00	22.84	<=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	22.58	5.00	27.58	<=30	Pass
			7	22.68	5.00	27.68	<=30	Pass
			14	22.69	5.00	27.69	<=30	Pass
		8	0	21.67	5.00	26.67	<=30	Pass
			4	21.80	5.00	26.80	<=30	Pass
			7	21.64	5.00	26.64	<=30	Pass
		15	0	21.77	5.00	26.77	<=30	Pass
	1732.5	1	0	22.43	5.00	27.43	<=30	Pass
			7	22.89	5.00	27.89	<=30	Pass
			14	22.63	5.00	27.63	<=30	Pass
		8	0	21.45	5.00	26.45	<=30	Pass
			4	21.47	5.00	26.47	<=30	Pass
			7	21.54	5.00	26.54	<=30	Pass
		15	0	21.67	5.00	26.67	<=30	Pass
	1753.5	1	0	22.65	5.00	27.65	<=30	Pass

		8	7	23.00	5.00	28.00	<=30	Pass
			14	22.51	5.00	27.51	<=30	Pass
			0	21.62	5.00	26.62	<=30	Pass
			4	21.93	5.00	26.93	<=30	Pass
			7	21.90	5.00	26.90	<=30	Pass
		15	0	21.80	5.00	26.80	<=30	Pass
16QAM	1711.5	1	0	21.94	5.00	26.94	<=30	Pass
			7	21.90	5.00	26.90	<=30	Pass
			14	21.36	5.00	26.36	<=30	Pass
		8	0	20.84	5.00	25.84	<=30	Pass
			4	20.99	5.00	25.99	<=30	Pass
			7	20.63	5.00	25.63	<=30	Pass
		15	0	20.81	5.00	25.81	<=30	Pass
	1732.5	1	0	21.87	5.00	26.87	<=30	Pass
			7	21.95	5.00	26.95	<=30	Pass
			14	21.68	5.00	26.68	<=30	Pass
		8	0	20.70	5.00	25.70	<=30	Pass
			4	20.88	5.00	25.88	<=30	Pass
			7	20.71	5.00	25.71	<=30	Pass
		15	0	20.57	5.00	25.57	<=30	Pass
	1753.5	1	0	21.62	5.00	26.62	<=30	Pass
			7	21.97	5.00	26.97	<=30	Pass
			14	21.65	5.00	26.65	<=30	Pass
		8	0	20.94	5.00	25.94	<=30	Pass
			4	21.06	5.00	26.06	<=30	Pass
			7	20.93	5.00	25.93	<=30	Pass
		15	0	20.90	5.00	25.90	<=30	Pass
64QAM	1711.5	1	0	20.57	5.00	25.57	<=30	Pass
			7	20.91	5.00	25.91	<=30	Pass
			14	20.53	5.00	25.53	<=30	Pass
		8	0	19.79	5.00	24.79	<=30	Pass
			4	19.84	5.00	24.84	<=30	Pass
			7	19.78	5.00	24.78	<=30	Pass
		15	0	19.81	5.00	24.81	<=30	Pass
	1732.5	1	0	20.72	5.00	25.72	<=30	Pass
			7	20.81	5.00	25.81	<=30	Pass
			14	20.54	5.00	25.54	<=30	Pass
		8	0	19.74	5.00	24.74	<=30	Pass
			4	19.81	5.00	24.81	<=30	Pass
			7	19.52	5.00	24.52	<=30	Pass
		15	0	19.73	5.00	24.73	<=30	Pass
	1753.5	1	0	20.66	5.00	25.66	<=30	Pass
			7	20.90	5.00	25.90	<=30	Pass
			14	20.67	5.00	25.67	<=30	Pass
		8	0	19.94	5.00	24.94	<=30	Pass
			4	19.86	5.00	24.86	<=30	Pass
			7	19.99	5.00	24.99	<=30	Pass
		15	0	19.86	5.00	24.86	<=30	Pass
256QAM	1711.5	1	0	17.67	5.00	22.67	<=30	Pass
			7	17.96	5.00	22.96	<=30	Pass
			14	17.45	5.00	22.45	<=30	Pass
		8	0	17.81	5.00	22.81	<=30	Pass
			4	17.80	5.00	22.80	<=30	Pass
			7	17.58	5.00	22.58	<=30	Pass
		15	0	17.67	5.00	22.67	<=30	Pass
	1732.5	1	0	17.38	5.00	22.38	<=30	Pass
			7	17.41	5.00	22.41	<=30	Pass
			14	17.76	5.00	22.76	<=30	Pass
		8	0	17.79	5.00	22.79	<=30	Pass

			4	17.86	5.00	22.86	<=30	Pass
			7	17.83	5.00	22.83	<=30	Pass
		15	0	17.68	5.00	22.68	<=30	Pass
	1753.5	1	0	17.61	5.00	22.61	<=30	Pass
			7	18.06	5.00	23.06	<=30	Pass
			14	17.85	5.00	22.85	<=30	Pass
		8	0	17.82	5.00	22.82	<=30	Pass
			4	17.98	5.00	22.98	<=30	Pass
			7	17.83	5.00	22.83	<=30	Pass
		15	0	17.79	5.00	22.79	<=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	22.40	5.00	27.40	<=30	Pass
			13	22.89	5.00	27.89	<=30	Pass
			24	22.40	5.00	27.40	<=30	Pass
		12	0	21.89	5.00	26.89	<=30	Pass
			6	21.78	5.00	26.78	<=30	Pass
			13	21.78	5.00	26.78	<=30	Pass
		25	0	21.79	5.00	26.79	<=30	Pass
	1732.5	1	0	22.44	5.00	27.44	<=30	Pass
			13	22.75	5.00	27.75	<=30	Pass
			24	22.64	5.00	27.64	<=30	Pass
		12	0	21.73	5.00	26.73	<=30	Pass
			6	21.57	5.00	26.57	<=30	Pass
			13	21.79	5.00	26.79	<=30	Pass
		25	0	21.60	5.00	26.60	<=30	Pass
	1752.5	1	0	22.51	5.00	27.51	<=30	Pass
			13	22.77	5.00	27.77	<=30	Pass
			24	22.71	5.00	27.71	<=30	Pass
		12	0	21.77	5.00	26.77	<=30	Pass
			6	21.87	5.00	26.87	<=30	Pass
			13	21.90	5.00	26.90	<=30	Pass
		25	0	21.81	5.00	26.81	<=30	Pass
16QAM	1712.5	1	0	22.03	5.00	27.03	<=30	Pass
			13	22.02	5.00	27.02	<=30	Pass
			24	21.75	5.00	26.75	<=30	Pass
		12	0	20.74	5.00	25.74	<=30	Pass
			6	20.82	5.00	25.82	<=30	Pass
			13	20.80	5.00	25.80	<=30	Pass
		25	0	20.80	5.00	25.80	<=30	Pass
	1732.5	1	0	21.98	5.00	26.98	<=30	Pass
			13	21.33	5.00	26.33	<=30	Pass
			24	22.06	5.00	27.06	<=30	Pass
		12	0	20.73	5.00	25.73	<=30	Pass
			6	20.80	5.00	25.80	<=30	Pass
			13	20.82	5.00	25.82	<=30	Pass
		25	0	20.59	5.00	25.59	<=30	Pass
	1752.5	1	0	22.18	5.00	27.18	<=30	Pass
			13	22.11	5.00	27.11	<=30	Pass
			24	21.81	5.00	26.81	<=30	Pass
		12	0	20.33	5.00	25.33	<=30	Pass
			6	20.87	5.00	25.87	<=30	Pass

			13	20.83	5.00	25.83	<=30	Pass		
		25	0	20.82	5.00	25.82	<=30	Pass		
64QAM	1712.5	1	0	20.73	5.00	25.73	<=30	Pass		
			13	20.59	5.00	25.59	<=30	Pass		
			24	20.61	5.00	25.61	<=30	Pass		
			0	19.59	5.00	24.59	<=30	Pass		
		12	6	19.87	5.00	24.87	<=30	Pass		
			13	19.75	5.00	24.75	<=30	Pass		
			0	19.80	5.00	24.80	<=30	Pass		
		1732.5	1	0	20.84	5.00	25.84	<=30	Pass	
				13	20.55	5.00	25.55	<=30	Pass	
				24	20.82	5.00	25.82	<=30	Pass	
	0			19.79	5.00	24.79	<=30	Pass		
	12		6	19.77	5.00	24.77	<=30	Pass		
			13	19.86	5.00	24.86	<=30	Pass		
	1752.5	1	0	19.80	5.00	24.80	<=30	Pass		
			0	20.66	5.00	25.66	<=30	Pass		
			13	21.12	5.00	26.12	<=30	Pass		
			24	20.42	5.00	25.42	<=30	Pass		
			12	0	19.75	5.00	24.75	<=30	Pass	
				6	19.66	5.00	24.66	<=30	Pass	
		13		19.87	5.00	24.87	<=30	Pass		
		25	0	19.78	5.00	24.78	<=30	Pass		
		256QAM	1712.5	1	0	17.52	5.00	22.52	<=30	Pass
					13	17.67	5.00	22.67	<=30	Pass
24					17.66	5.00	22.66	<=30	Pass	
12				0	17.80	5.00	22.80	<=30	Pass	
				6	17.86	5.00	22.86	<=30	Pass	
	13			17.83	5.00	22.83	<=30	Pass		
25	0			17.77	5.00	22.77	<=30	Pass		
1732.5	1		0	16.75	5.00	21.75	<=30	Pass		
			13	17.86	5.00	22.86	<=30	Pass		
			24	17.17	5.00	22.17	<=30	Pass		
	12		0	17.71	5.00	22.71	<=30	Pass		
			6	17.83	5.00	22.83	<=30	Pass		
			13	17.80	5.00	22.80	<=30	Pass		
1752.5	1		0	17.83	5.00	22.83	<=30	Pass		
			0	17.53	5.00	22.53	<=30	Pass		
			13	17.97	5.00	22.97	<=30	Pass		
	12		24	17.78	5.00	22.78	<=30	Pass		
			0	17.76	5.00	22.76	<=30	Pass		
			6	17.94	5.00	22.94	<=30	Pass		
	13		17.94	5.00	22.94	<=30	Pass			
	25		0	17.80	5.00	22.80	<=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	22.57	5.00	27.57	<=30	Pass
			25	22.89	5.00	27.89	<=30	Pass
			49	22.46	5.00	27.46	<=30	Pass
		25	0	21.81	5.00	26.81	<=30	Pass
			13	21.75	5.00	26.75	<=30	Pass
			25	21.79	5.00	26.79	<=30	Pass

		50	0	21.72	5.00	26.72	<=30	Pass	
	1732.5	1	0	22.72	5.00	27.72	<=30	Pass	
			25	22.80	5.00	27.80	<=30	Pass	
			49	22.72	5.00	27.72	<=30	Pass	
			0	21.86	5.00	26.86	<=30	Pass	
		25	13	21.87	5.00	26.87	<=30	Pass	
			25	21.82	5.00	26.82	<=30	Pass	
	1750	50	0	21.71	5.00	26.71	<=30	Pass	
		1	0	22.52	5.00	27.52	<=30	Pass	
			25	22.75	5.00	27.75	<=30	Pass	
			49	22.64	5.00	27.64	<=30	Pass	
		25	0	21.74	5.00	26.74	<=30	Pass	
			13	21.86	5.00	26.86	<=30	Pass	
			25	21.89	5.00	26.89	<=30	Pass	
		50	0	21.77	5.00	26.77	<=30	Pass	
		16QAM	1715	1	0	21.71	5.00	26.71	<=30
25					21.53	5.00	26.53	<=30	Pass
49	22.02				5.00	27.02	<=30	Pass	
25	0			20.78	5.00	25.78	<=30	Pass	
	13			20.75	5.00	25.75	<=30	Pass	
	25			20.71	5.00	25.71	<=30	Pass	
50	0			20.81	5.00	25.81	<=30	Pass	
1732.5	1		0	21.46	5.00	26.46	<=30	Pass	
			25	21.77	5.00	26.77	<=30	Pass	
			49	21.55	5.00	26.55	<=30	Pass	
	25		0	20.86	5.00	25.86	<=30	Pass	
			13	20.88	5.00	25.88	<=30	Pass	
			25	20.95	5.00	25.95	<=30	Pass	
	50		0	20.72	5.00	25.72	<=30	Pass	
1750	1		0	21.92	5.00	26.92	<=30	Pass	
			25	22.08	5.00	27.08	<=30	Pass	
			49	21.20	5.00	26.20	<=30	Pass	
	25		0	20.77	5.00	25.77	<=30	Pass	
			13	20.80	5.00	25.80	<=30	Pass	
			25	20.91	5.00	25.91	<=30	Pass	
	50		0	20.81	5.00	25.81	<=30	Pass	
64QAM	1715		1	0	20.65	5.00	25.65	<=30	Pass
				25	20.98	5.00	25.98	<=30	Pass
				49	20.46	5.00	25.46	<=30	Pass
		25	0	19.78	5.00	24.78	<=30	Pass	
			13	19.85	5.00	24.85	<=30	Pass	
			25	19.84	5.00	24.84	<=30	Pass	
		50	0	19.78	5.00	24.78	<=30	Pass	
	1732.5	1	0	20.50	5.00	25.50	<=30	Pass	
			25	20.94	5.00	25.94	<=30	Pass	
			49	20.62	5.00	25.62	<=30	Pass	
		25	0	19.71	5.00	24.71	<=30	Pass	
			13	19.80	5.00	24.80	<=30	Pass	
			25	19.66	5.00	24.66	<=30	Pass	
		50	0	19.63	5.00	24.63	<=30	Pass	
	1750	1	0	20.50	5.00	25.50	<=30	Pass	
			25	20.94	5.00	25.94	<=30	Pass	
			49	20.86	5.00	25.86	<=30	Pass	
		25	0	19.80	5.00	24.80	<=30	Pass	
			13	19.85	5.00	24.85	<=30	Pass	
			25	19.86	5.00	24.86	<=30	Pass	
		50	0	19.79	5.00	24.79	<=30	Pass	
	256QAM	1715	1	0	17.71	5.00	22.71	<=30	Pass
				25	17.71	5.00	22.71	<=30	Pass

		25	49	17.66	5.00	22.66	<=30	Pass
			0	17.75	5.00	22.75	<=30	Pass
			13	17.77	5.00	22.77	<=30	Pass
			25	17.77	5.00	22.77	<=30	Pass
		50	0	17.80	5.00	22.80	<=30	Pass
	1732.5	1	0	17.60	5.00	22.60	<=30	Pass
			25	17.85	5.00	22.85	<=30	Pass
			49	17.69	5.00	22.69	<=30	Pass
		25	0	17.55	5.00	22.55	<=30	Pass
			13	17.76	5.00	22.76	<=30	Pass
			25	17.82	5.00	22.82	<=30	Pass
		50	0	17.75	5.00	22.75	<=30	Pass
	1750	1	0	17.80	5.00	22.80	<=30	Pass
			25	17.98	5.00	22.98	<=30	Pass
			49	17.85	5.00	22.85	<=30	Pass
		25	0	17.66	5.00	22.66	<=30	Pass
			13	17.80	5.00	22.80	<=30	Pass
			25	17.82	5.00	22.82	<=30	Pass
		50	0	17.86	5.00	22.86	<=30	Pass
		Note1: EIRP=Conducted Power+Antenna Gain						

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.78	5.00	27.78	<=30	Pass
			38	22.64	5.00	27.64	<=30	Pass
			74	22.69	5.00	27.69	<=30	Pass
		36	0	21.53	5.00	26.53	<=30	Pass
			18	21.73	5.00	26.73	<=30	Pass
			39	21.72	5.00	26.72	<=30	Pass
		75	0	21.59	5.00	26.59	<=30	Pass
	1732.5	1	0	22.63	5.00	27.63	<=30	Pass
			38	22.72	5.00	27.72	<=30	Pass
			74	23.16	5.00	28.16	<=30	Pass
		36	0	21.63	5.00	26.63	<=30	Pass
			18	21.72	5.00	26.72	<=30	Pass
			39	21.54	5.00	26.54	<=30	Pass
		75	0	21.76	5.00	26.76	<=30	Pass
	1747.5	1	0	22.61	5.00	27.61	<=30	Pass
			38	22.93	5.00	27.93	<=30	Pass
			74	22.74	5.00	27.74	<=30	Pass
		36	0	21.74	5.00	26.74	<=30	Pass
			18	21.77	5.00	26.77	<=30	Pass
			39	21.86	5.00	26.86	<=30	Pass
		75	0	21.74	5.00	26.74	<=30	Pass
16QAM	1717.5	1	0	21.77	5.00	26.77	<=30	Pass
			38	21.92	5.00	26.92	<=30	Pass
			74	21.17	5.00	26.17	<=30	Pass
		36	0	20.74	5.00	25.74	<=30	Pass
			18	20.56	5.00	25.56	<=30	Pass
			39	20.79	5.00	25.79	<=30	Pass
		75	0	20.79	5.00	25.79	<=30	Pass
	1732.5	1	0	21.91	5.00	26.91	<=30	Pass
			38	22.01	5.00	27.01	<=30	Pass
			74	21.62	5.00	26.62	<=30	Pass

		36	0	20.59	5.00	25.59	<=30	Pass
			18	20.75	5.00	25.75	<=30	Pass
			39	20.63	5.00	25.63	<=30	Pass
		75	0	20.65	5.00	25.65	<=30	Pass
	1747.5	1	0	21.94	5.00	26.94	<=30	Pass
			38	21.87	5.00	26.87	<=30	Pass
			74	22.05	5.00	27.05	<=30	Pass
		36	0	20.80	5.00	25.80	<=30	Pass
			18	20.72	5.00	25.72	<=30	Pass
			39	20.63	5.00	25.63	<=30	Pass
		75	0	20.78	5.00	25.78	<=30	Pass
64QAM		1717.5	1	0	21.16	5.00	26.16	<=30
	38			20.87	5.00	25.87	<=30	Pass
	74			20.97	5.00	25.97	<=30	Pass
	36		0	19.69	5.00	24.69	<=30	Pass
			18	19.70	5.00	24.70	<=30	Pass
			39	19.70	5.00	24.70	<=30	Pass
	75		0	19.64	5.00	24.64	<=30	Pass
	1732.5	1	0	20.36	5.00	25.36	<=30	Pass
			38	20.84	5.00	25.84	<=30	Pass
			74	20.73	5.00	25.73	<=30	Pass
		36	0	19.72	5.00	24.72	<=30	Pass
			18	19.79	5.00	24.79	<=30	Pass
			39	19.83	5.00	24.83	<=30	Pass
		75	0	19.61	5.00	24.61	<=30	Pass
	1747.5	1	0	20.77	5.00	25.77	<=30	Pass
			38	20.94	5.00	25.94	<=30	Pass
			74	21.15	5.00	26.15	<=30	Pass
		36	0	19.68	5.00	24.68	<=30	Pass
			18	19.82	5.00	24.82	<=30	Pass
			39	19.83	5.00	24.83	<=30	Pass
		75	0	19.84	5.00	24.84	<=30	Pass
256QAM	1717.5	1	0	17.18	5.00	22.18	<=30	Pass
			38	17.84	5.00	22.84	<=30	Pass
			74	17.59	5.00	22.59	<=30	Pass
		36	0	17.72	5.00	22.72	<=30	Pass
			18	17.76	5.00	22.76	<=30	Pass
			39	17.78	5.00	22.78	<=30	Pass
		75	0	17.71	5.00	22.71	<=30	Pass
	1732.5	1	0	17.73	5.00	22.73	<=30	Pass
			38	17.53	5.00	22.53	<=30	Pass
			74	17.96	5.00	22.96	<=30	Pass
		36	0	17.68	5.00	22.68	<=30	Pass
			18	17.64	5.00	22.64	<=30	Pass
			39	17.74	5.00	22.74	<=30	Pass
		75	0	17.77	5.00	22.77	<=30	Pass
	1747.5	1	0	17.41	5.00	22.41	<=30	Pass
			38	17.51	5.00	22.51	<=30	Pass
			74	17.45	5.00	22.45	<=30	Pass
		36	0	17.70	5.00	22.70	<=30	Pass
			18	17.74	5.00	22.74	<=30	Pass
			39	17.81	5.00	22.81	<=30	Pass
		75	0	17.78	5.00	22.78	<=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	22.63	5.00	27.63	<=30	Pass
			50	22.67	5.00	27.67	<=30	Pass
			99	22.65	5.00	27.65	<=30	Pass
		50	0	21.72	5.00	26.72	<=30	Pass
			25	21.76	5.00	26.76	<=30	Pass
			50	21.75	5.00	26.75	<=30	Pass
		100	0	21.78	5.00	26.78	<=30	Pass
	1732.5	1	0	22.45	5.00	27.45	<=30	Pass
			50	23.00	5.00	28.00	<=30	Pass
			99	22.93	5.00	27.93	<=30	Pass
		50	0	21.78	5.00	26.78	<=30	Pass
			25	21.74	5.00	26.74	<=30	Pass
			50	21.57	5.00	26.57	<=30	Pass
		100	0	21.78	5.00	26.78	<=30	Pass
	1745	1	0	22.46	5.00	27.46	<=30	Pass
			50	22.64	5.00	27.64	<=30	Pass
			99	23.09	5.00	28.09	<=30	Pass
		50	0	21.74	5.00	26.74	<=30	Pass
			25	21.86	5.00	26.86	<=30	Pass
			50	21.86	5.00	26.86	<=30	Pass
		100	0	21.79	5.00	26.79	<=30	Pass
16QAM	1720	1	0	21.90	5.00	26.90	<=30	Pass
			50	21.90	5.00	26.90	<=30	Pass
			99	21.77	5.00	26.77	<=30	Pass
		50	0	20.70	5.00	25.70	<=30	Pass
			25	20.80	5.00	25.80	<=30	Pass
			50	20.75	5.00	25.75	<=30	Pass
		100	0	20.70	5.00	25.70	<=30	Pass
	1732.5	1	0	21.87	5.00	26.87	<=30	Pass
			50	21.89	5.00	26.89	<=30	Pass
			99	21.54	5.00	26.54	<=30	Pass
		50	0	20.46	5.00	25.46	<=30	Pass
			25	20.83	5.00	25.83	<=30	Pass
			50	20.78	5.00	25.78	<=30	Pass
		100	0	20.78	5.00	25.78	<=30	Pass
	1745	1	0	21.66	5.00	26.66	<=30	Pass
			50	21.93	5.00	26.93	<=30	Pass
			99	22.02	5.00	27.02	<=30	Pass
		50	0	20.74	5.00	25.74	<=30	Pass
			25	20.85	5.00	25.85	<=30	Pass
			50	20.88	5.00	25.88	<=30	Pass
		100	0	20.86	5.00	25.86	<=30	Pass
64QAM	1720	1	0	20.62	5.00	25.62	<=30	Pass
			50	20.36	5.00	25.36	<=30	Pass
			99	20.66	5.00	25.66	<=30	Pass
		50	0	19.58	5.00	24.58	<=30	Pass
			25	19.78	5.00	24.78	<=30	Pass
			50	19.66	5.00	24.66	<=30	Pass
		100	0	19.85	5.00	24.85	<=30	Pass
	1732.5	1	0	20.70	5.00	25.70	<=30	Pass
			50	20.89	5.00	25.89	<=30	Pass
			99	20.79	5.00	25.79	<=30	Pass
		50	0	19.71	5.00	24.71	<=30	Pass
			25	19.79	5.00	24.79	<=30	Pass
			50	19.73	5.00	24.73	<=30	Pass
		100	0	19.70	5.00	24.70	<=30	Pass

	1745	1	0	20.19	5.00	25.19	<=30	Pass		
			50	20.93	5.00	25.93	<=30	Pass		
			99	20.74	5.00	25.74	<=30	Pass		
		50	0	19.56	5.00	24.56	<=30	Pass		
			25	19.92	5.00	24.92	<=30	Pass		
			50	19.87	5.00	24.87	<=30	Pass		
		100	0	19.86	5.00	24.86	<=30	Pass		
		256QAM	1720	1	0	17.72	5.00	22.72	<=30	Pass
					50	17.57	5.00	22.57	<=30	Pass
99	17.57				5.00	22.57	<=30	Pass		
50	0			17.56	5.00	22.56	<=30	Pass		
	25			17.84	5.00	22.84	<=30	Pass		
	50			17.86	5.00	22.86	<=30	Pass		
100	0			17.72	5.00	22.72	<=30	Pass		
1732.5	1			0	17.68	5.00	22.68	<=30	Pass	
				50	17.91	5.00	22.91	<=30	Pass	
			99	17.67	5.00	22.67	<=30	Pass		
	50		0	17.65	5.00	22.65	<=30	Pass		
			25	17.75	5.00	22.75	<=30	Pass		
			50	17.77	5.00	22.77	<=30	Pass		
	100		0	17.76	5.00	22.76	<=30	Pass		
	1745		1	0	17.51	5.00	22.51	<=30	Pass	
				50	17.98	5.00	22.98	<=30	Pass	
99				18.01	5.00	23.01	<=30	Pass		
50			0	17.65	5.00	22.65	<=30	Pass		
			25	17.78	5.00	22.78	<=30	Pass		
			50	17.87	5.00	22.87	<=30	Pass		
100			0	17.83	5.00	22.83	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1732.5	50	0	20	LV	1.459	0.0008	-2.5 to 2.5	Pass
					NV	1.001	0.0006	-2.5 to 2.5	Pass
					HV	0.572	0.0003	-2.5 to 2.5	Pass
				-30	NV	1.774	0.0010	-2.5 to 2.5	Pass
				-20	NV	0.587	0.0003	-2.5 to 2.5	Pass
				-10	NV	0.443	0.0003	-2.5 to 2.5	Pass
				0	NV	0.844	0.0005	-2.5 to 2.5	Pass
				10	NV	1.688	0.0010	-2.5 to 2.5	Pass
				30	NV	1.245	0.0007	-2.5 to 2.5	Pass
				40	NV	0.815	0.0005	-2.5 to 2.5	Pass
				50	NV	1.173	0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

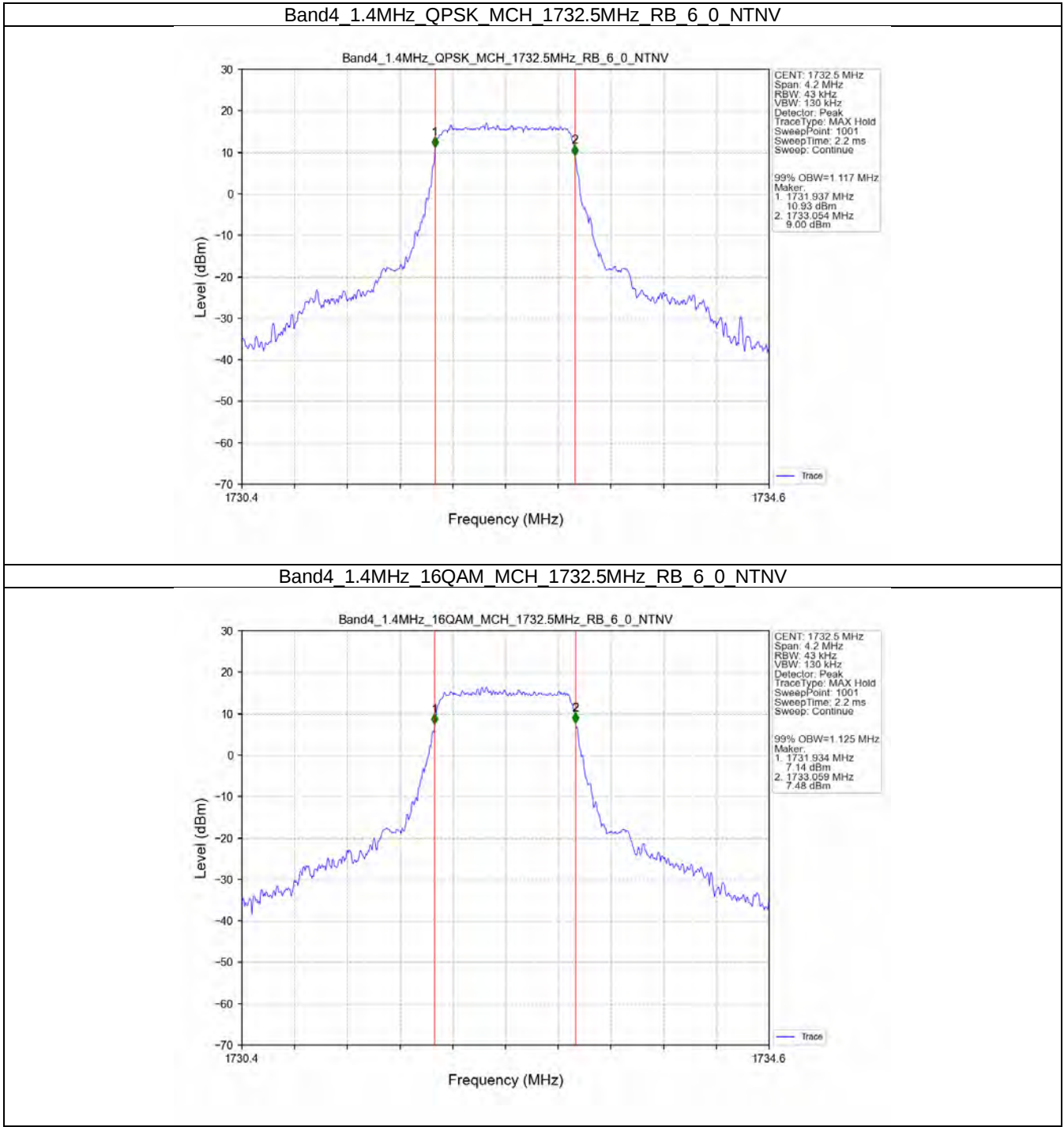
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.117	/	Pass
	16QAM	1732.5	6	0	1.125	/	Pass
3	QPSK	1732.5	15	0	2.746	/	Pass
	16QAM	1732.5	15	0	2.761	/	Pass
5	QPSK	1732.5	25	0	4.554	/	Pass
	16QAM	1732.5	25	0	4.547	/	Pass
10	QPSK	1732.5	50	0	9.078	/	Pass
	16QAM	1732.5	50	0	9.086	/	Pass
15	QPSK	1732.5	75	0	13.590	/	Pass
	16QAM	1732.5	75	0	13.575	/	Pass
20	QPSK	1732.5	100	0	18.096	/	Pass
	16QAM	1732.5	100	0	18.111	/	Pass

3.1.2 Band4_XDB

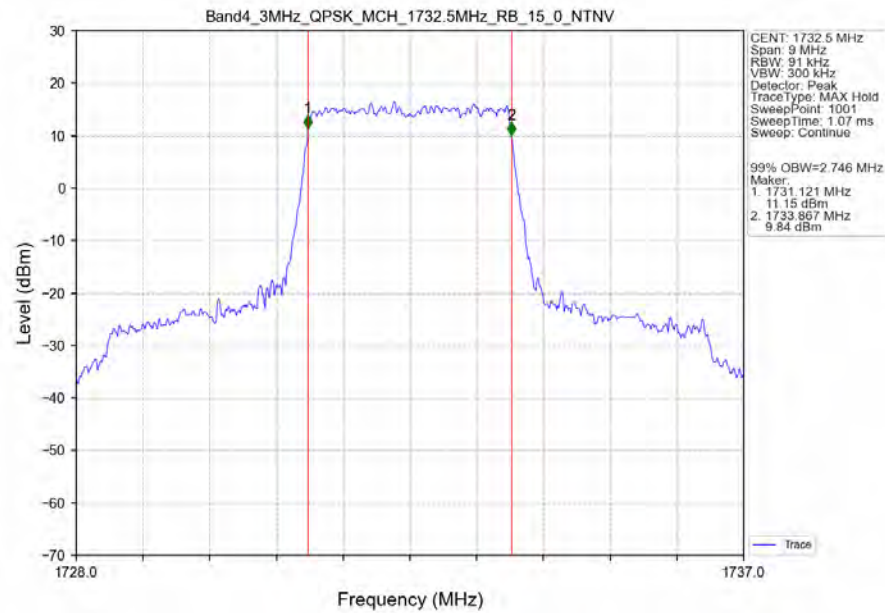
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.385	/	Pass
	16QAM	1732.5	6	0	1.390	/	Pass
3	QPSK	1732.5	15	0	3.136	/	Pass
	16QAM	1732.5	15	0	3.125	/	Pass
5	QPSK	1732.5	25	0	5.174	/	Pass
	16QAM	1732.5	25	0	5.181	/	Pass
10	QPSK	1732.5	50	0	10.106	/	Pass
	16QAM	1732.5	50	0	10.157	/	Pass
15	QPSK	1732.5	75	0	15.074	/	Pass
	16QAM	1732.5	75	0	15.068	/	Pass
20	QPSK	1732.5	100	0	20.159	/	Pass
	16QAM	1732.5	100	0	20.012	/	Pass

3.2 Test Graph

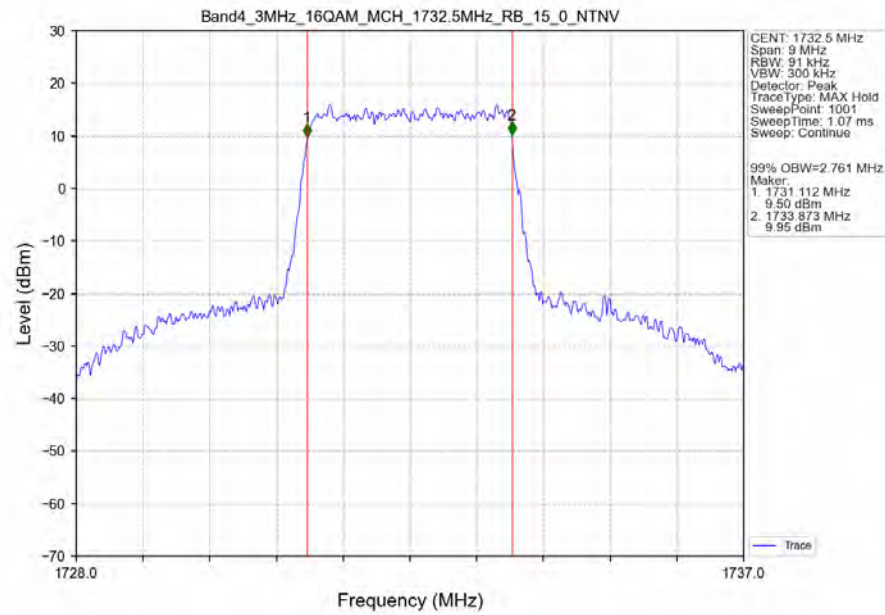
3.2.1 Band4_OBW



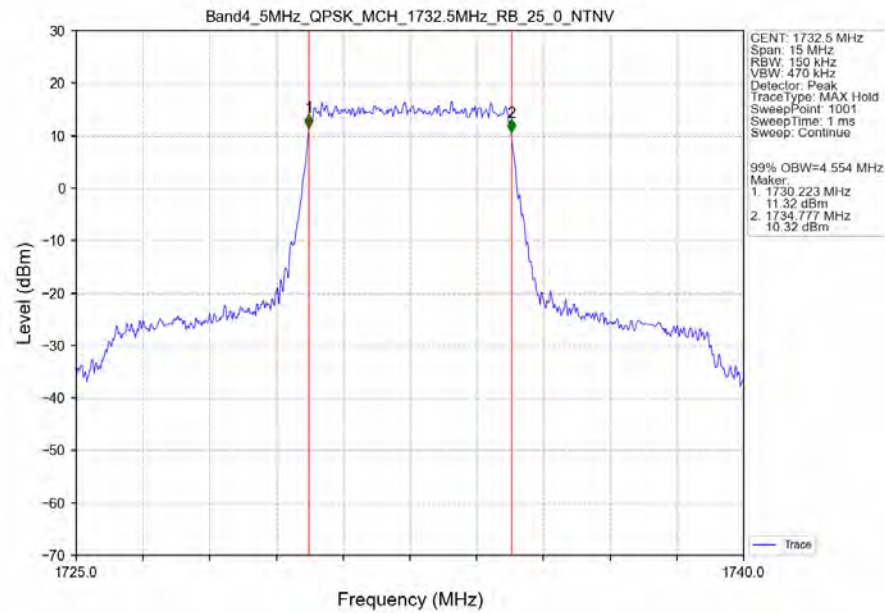
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



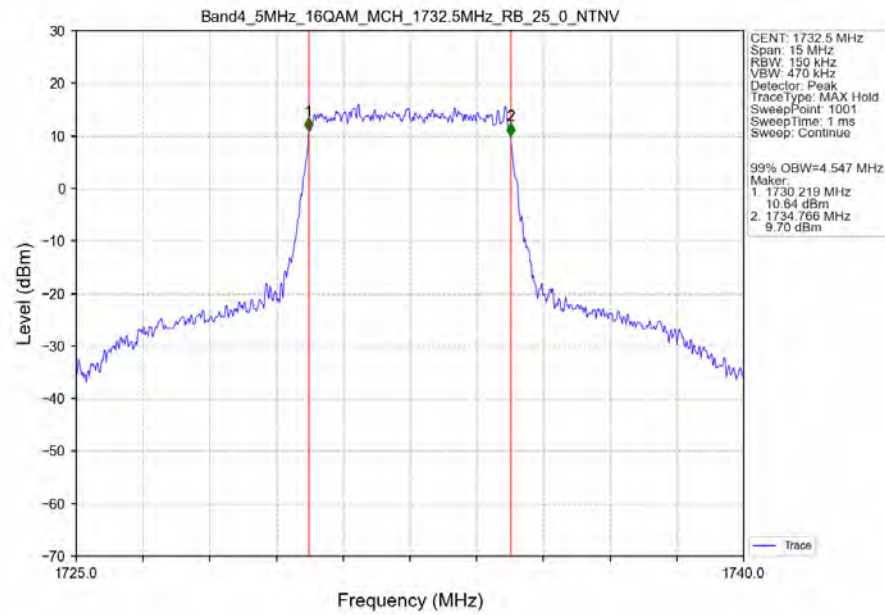
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



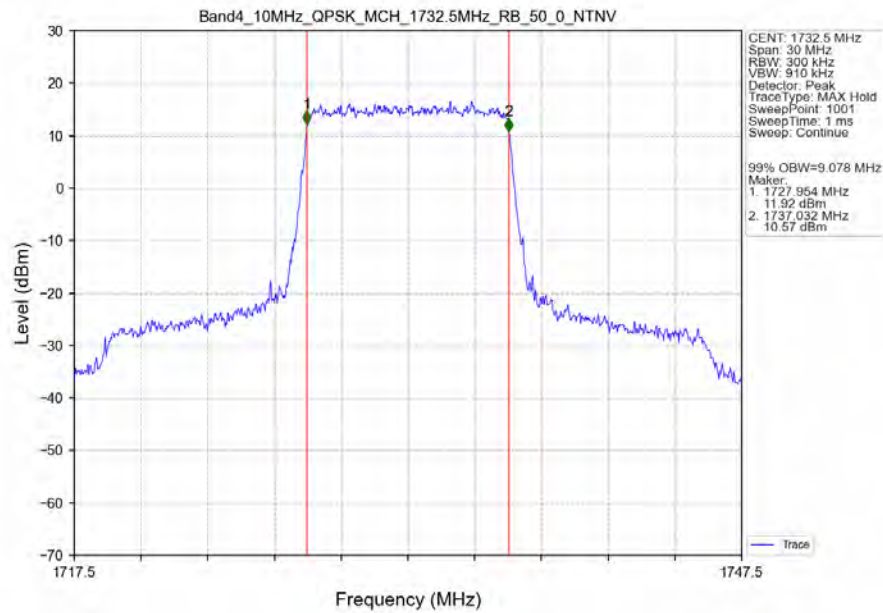
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



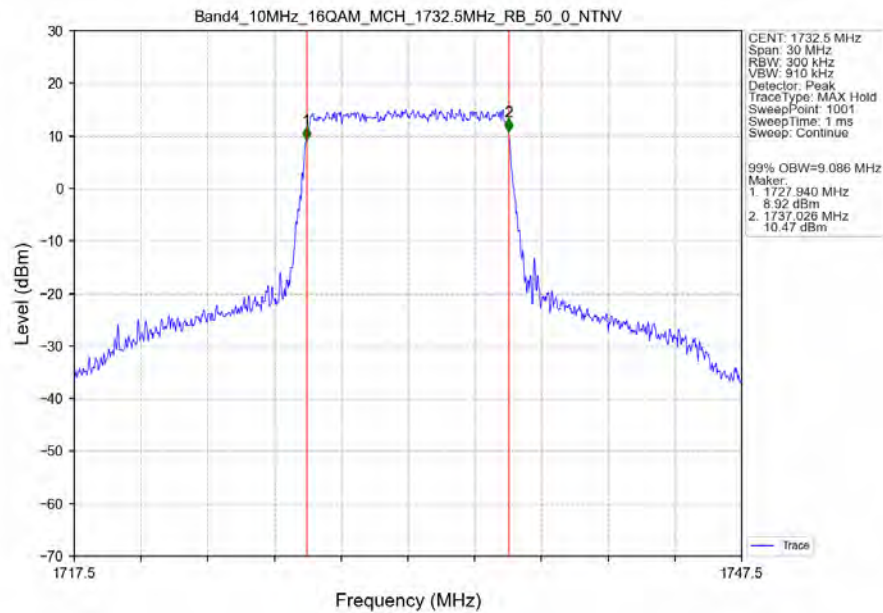
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



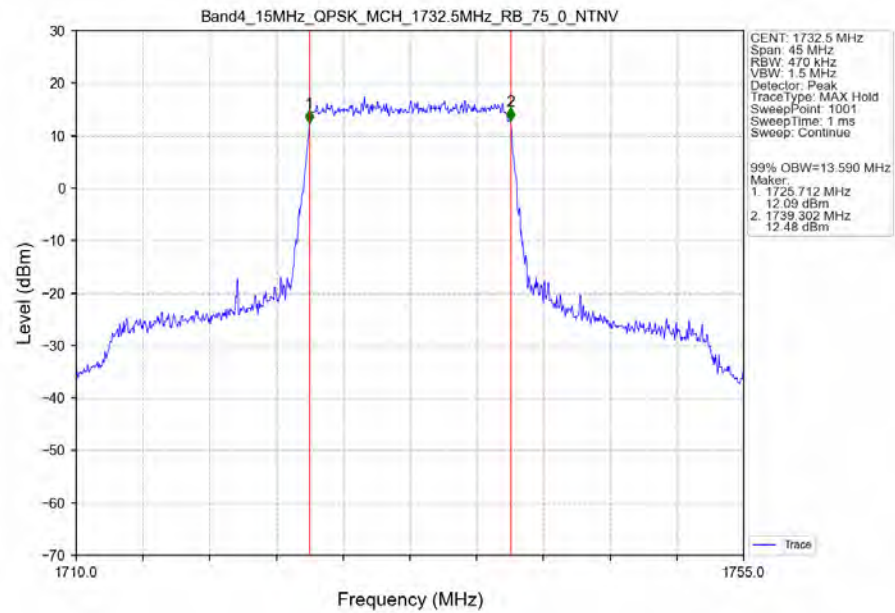
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTV



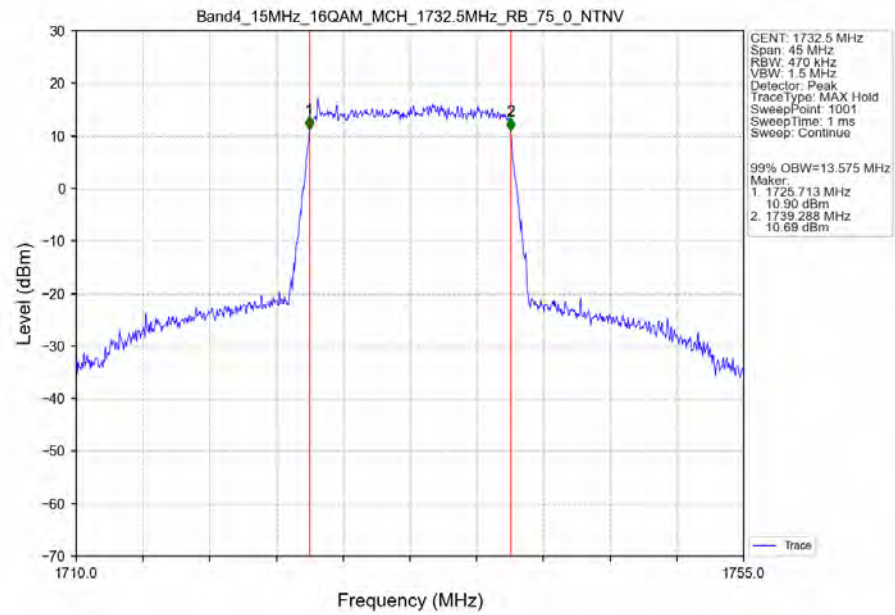
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTV



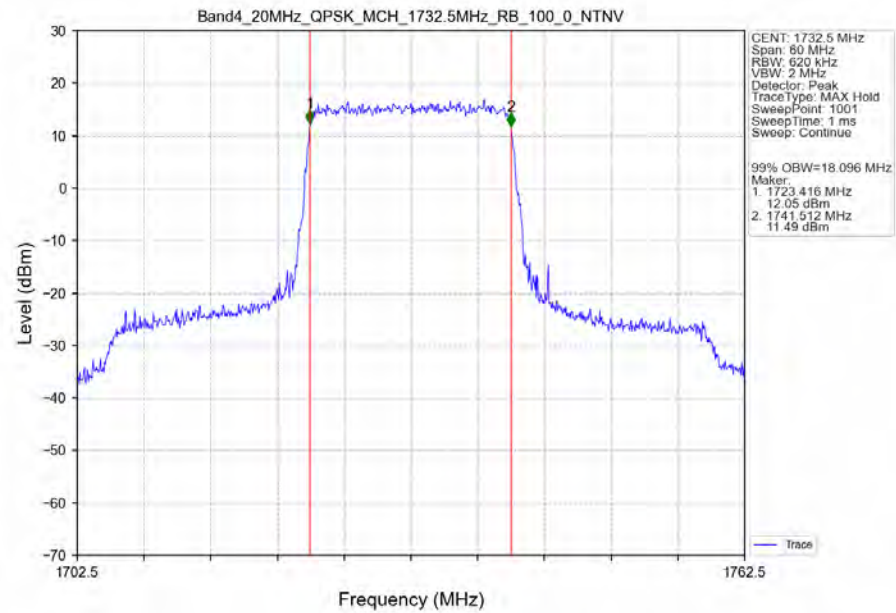
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



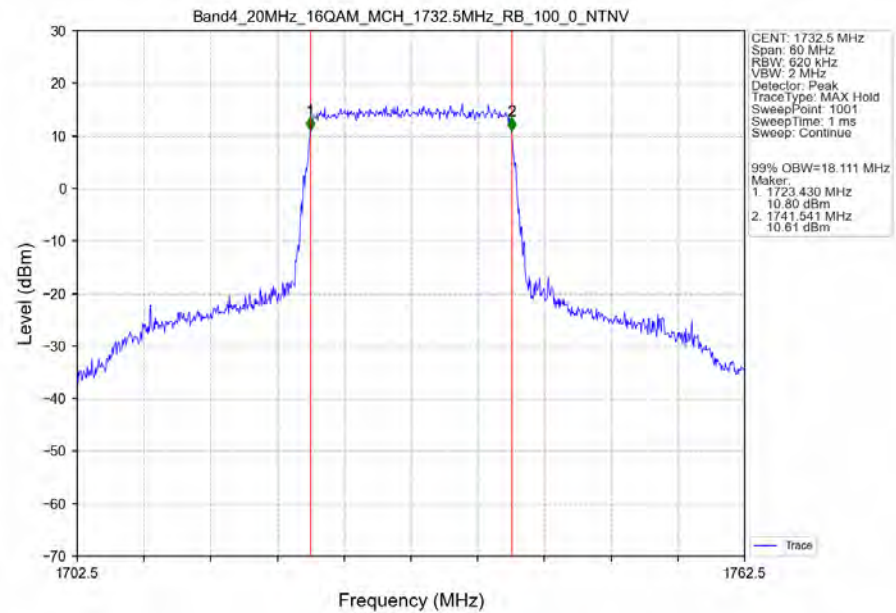
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



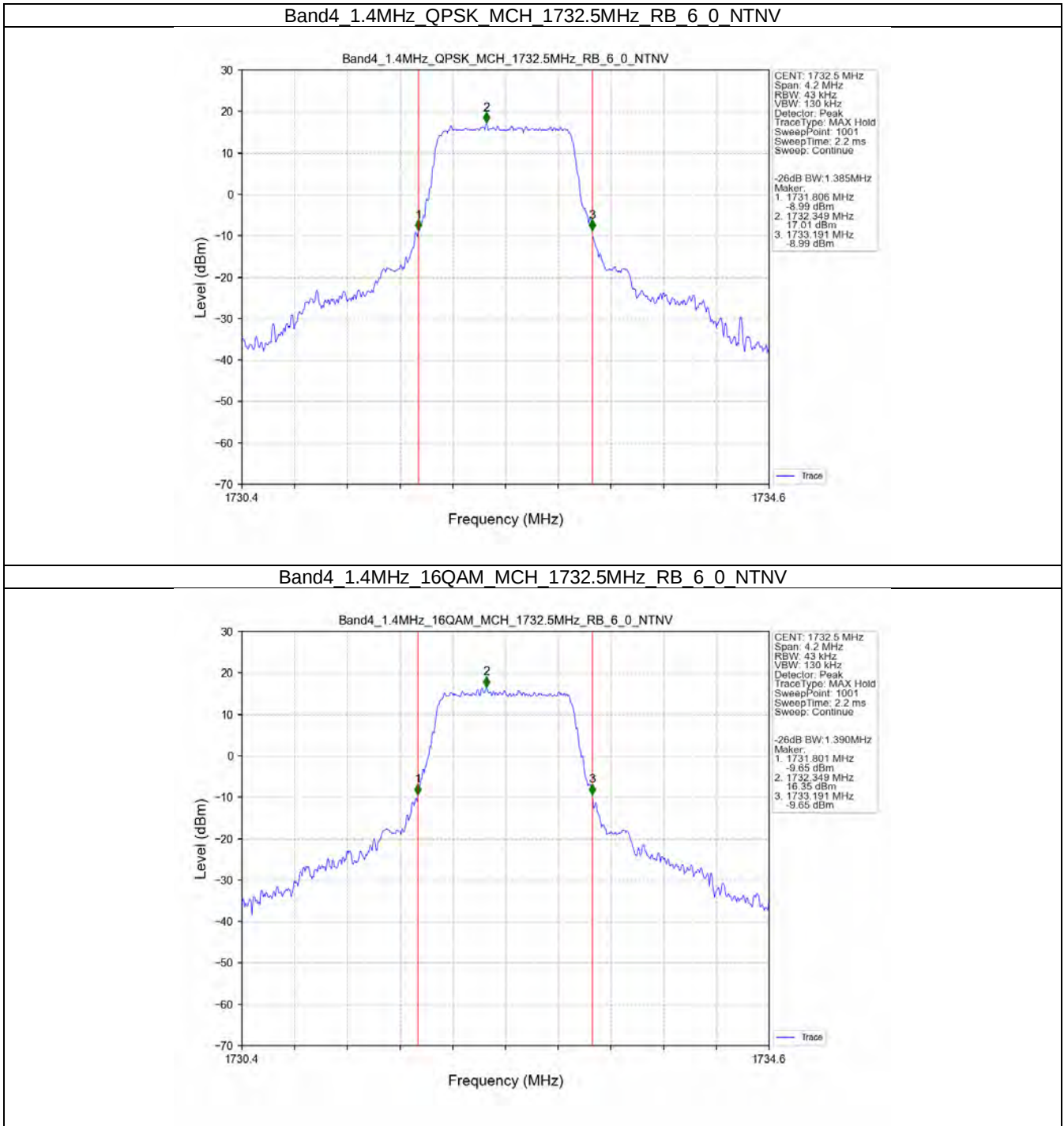
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



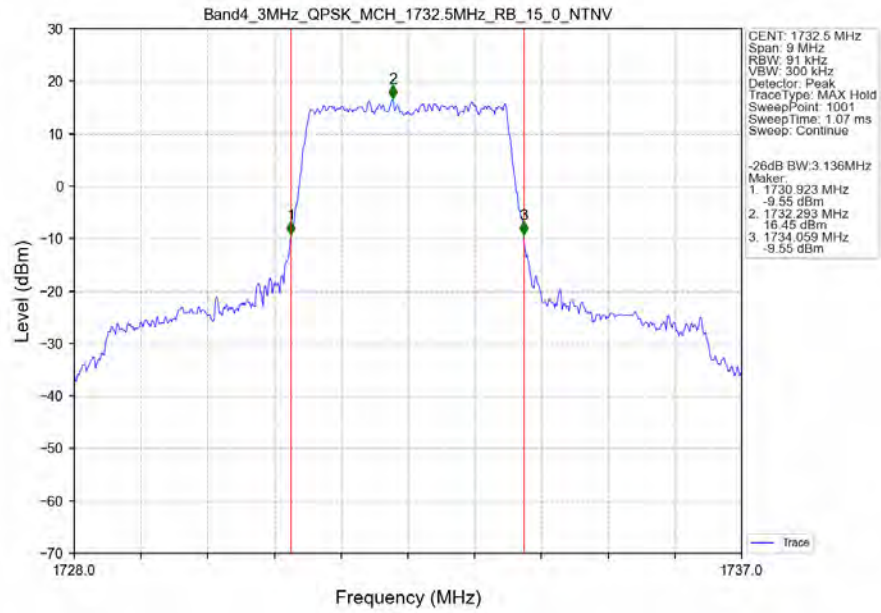
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTN



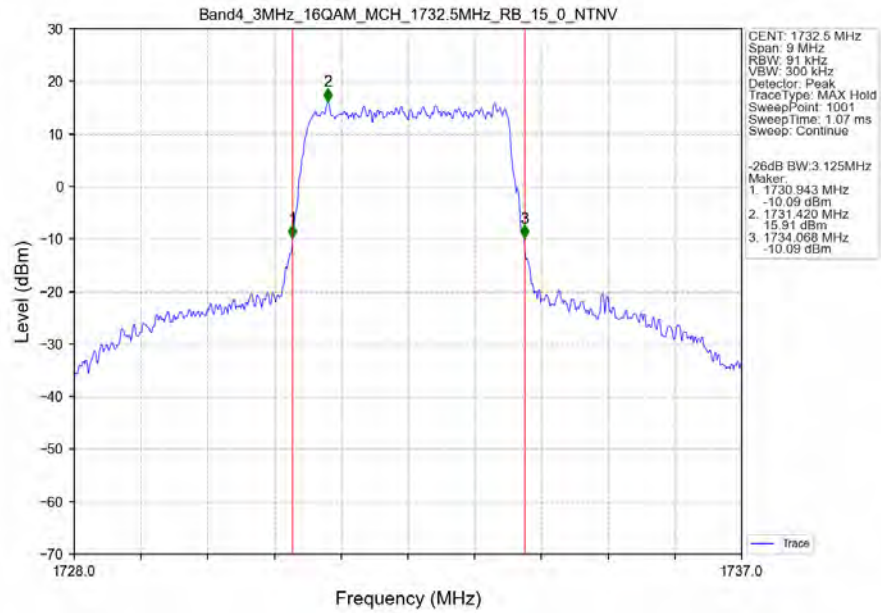
3.2.2 Band4_XDB



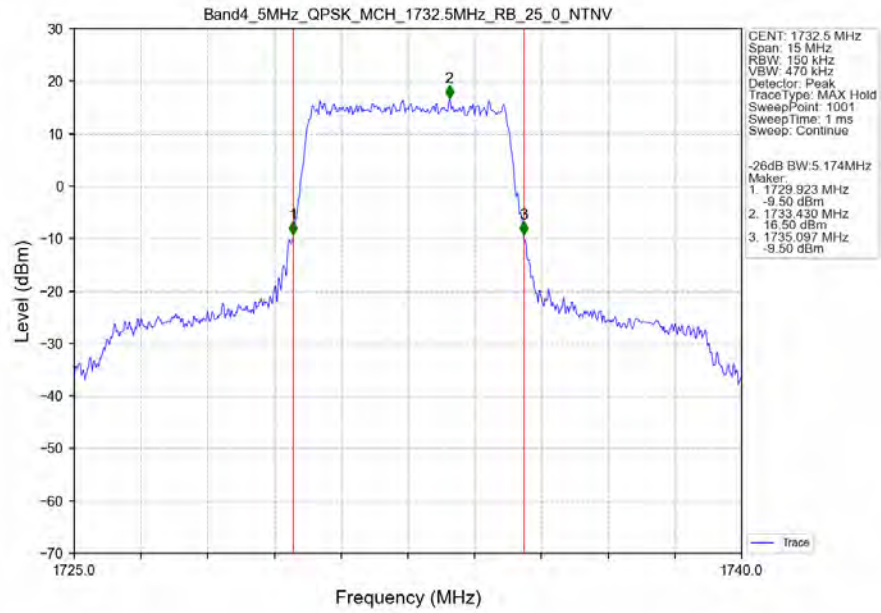
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



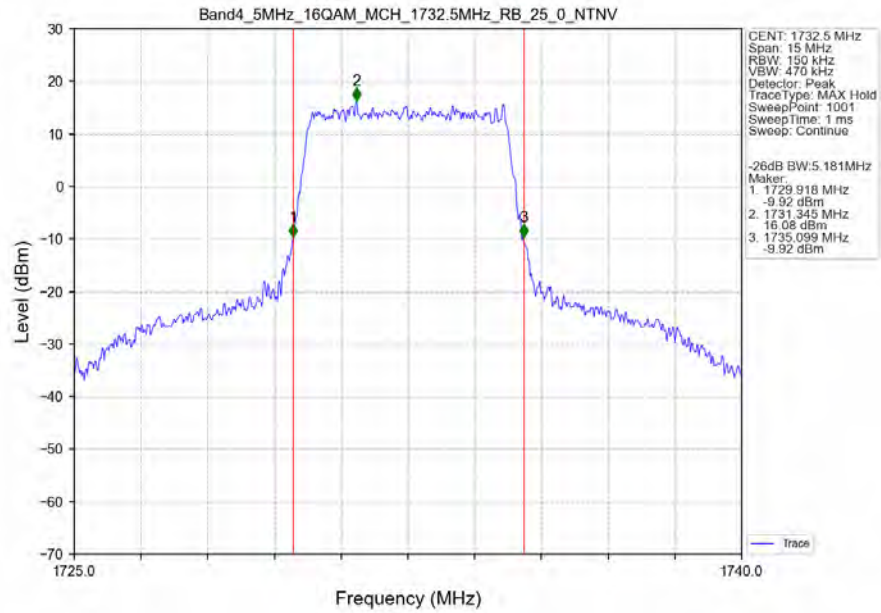
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



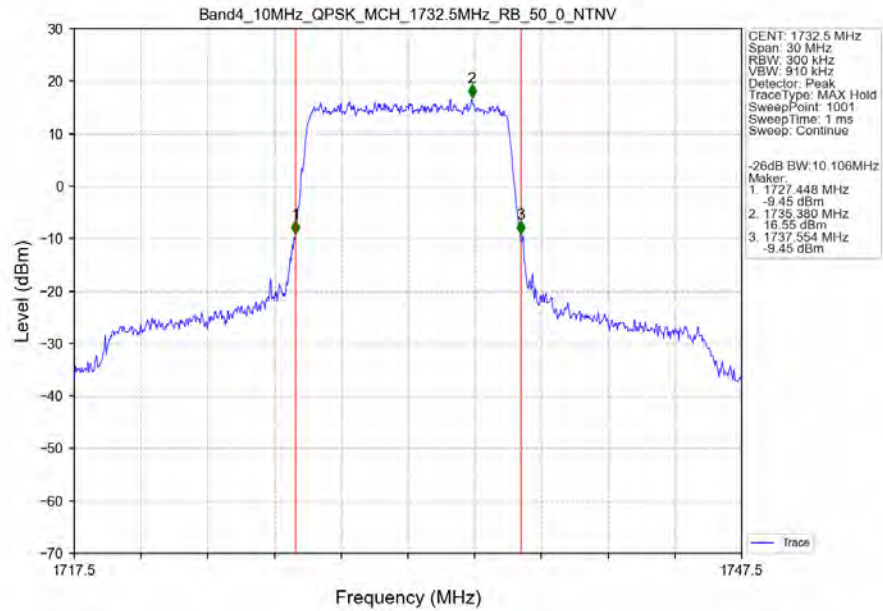
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



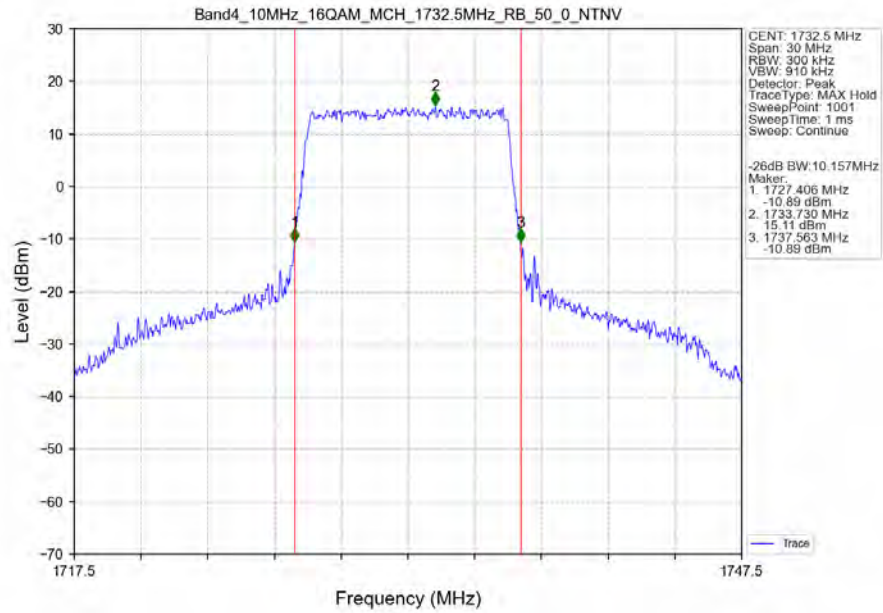
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



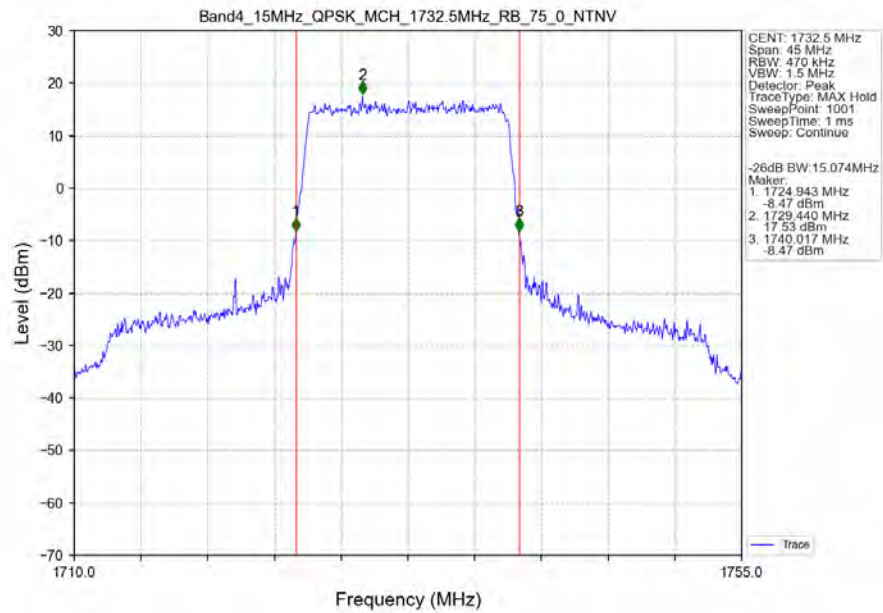
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTV



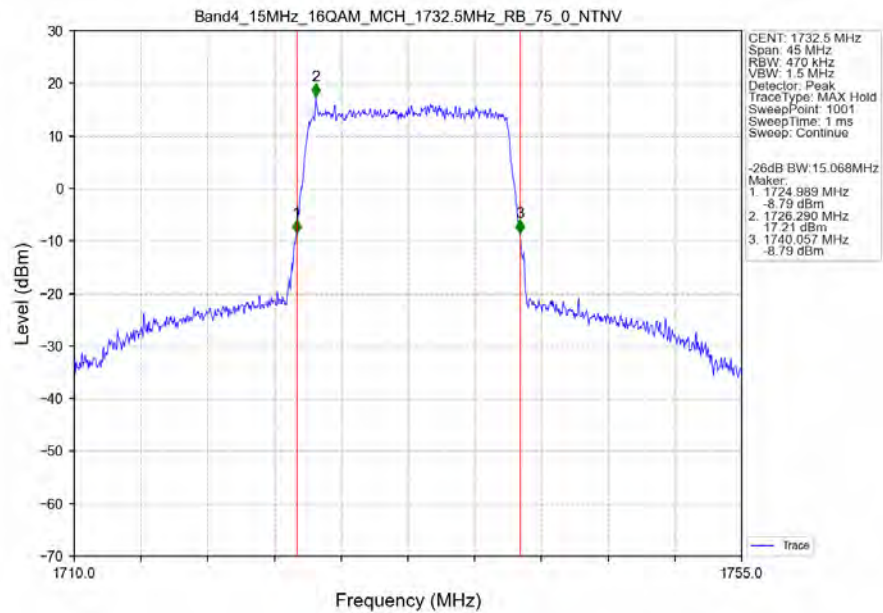
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTV



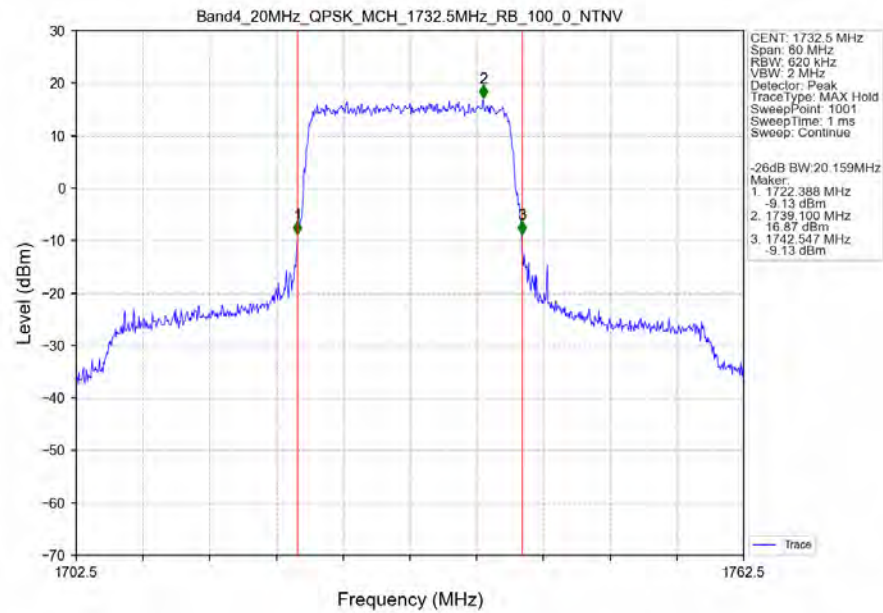
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV



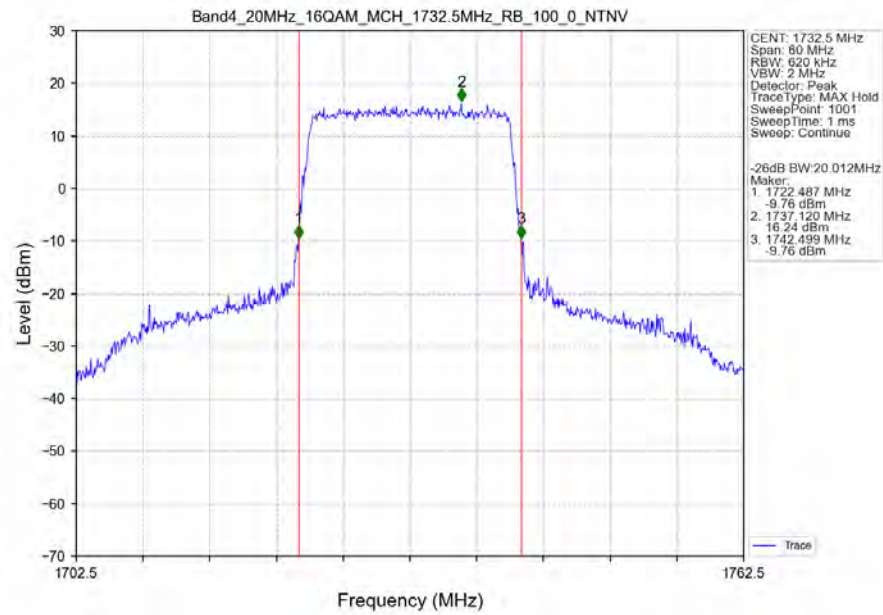
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTV



Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



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



4. Peak-Average Ratio

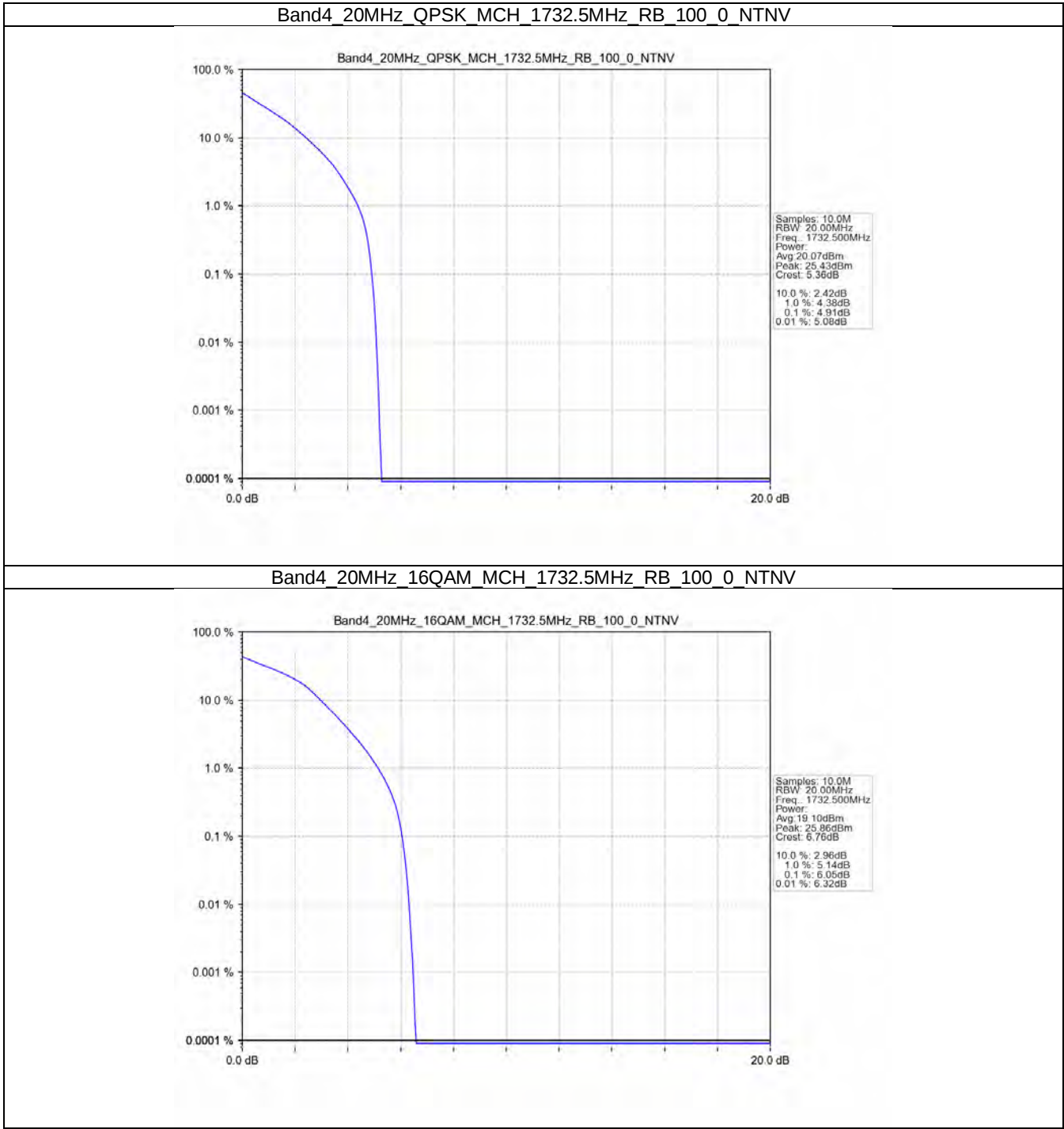
4.1 Test Result

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	4.91	<=13	Pass
16QAM	1732.5	100	0	6.05	<=13	Pass
64QAM	1732.5	100	0	6.72	<=13	Pass
256QAM	1732.5	100	0	7.00	<=13	Pass

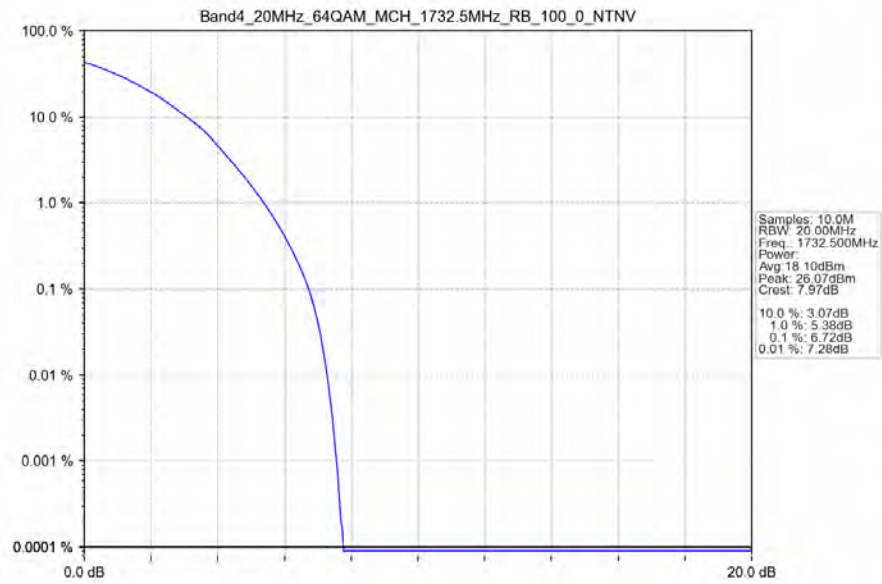
4.2 Test Graph

4.2.1 B4_20MHz

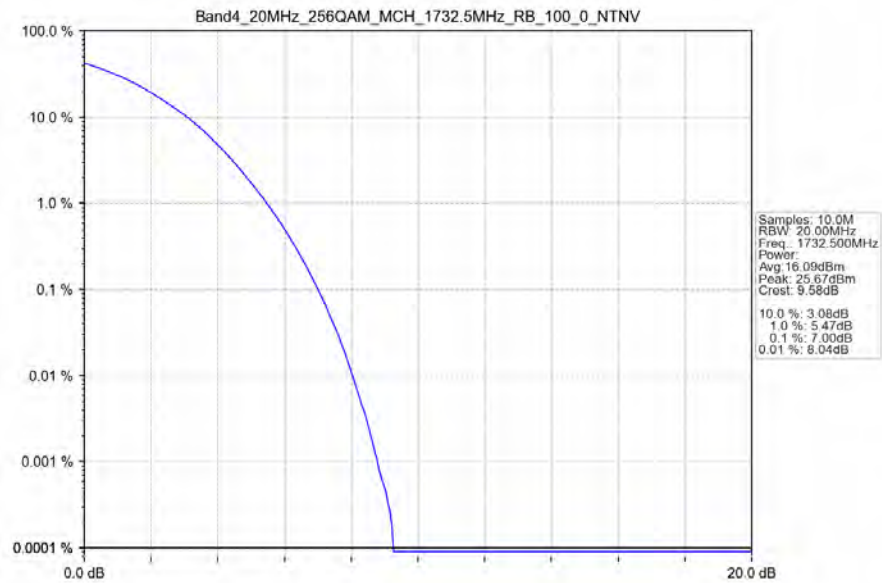


Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

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

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B4_5MHz

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

5.1.4 B4_10MHz

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

5.1.5 B4_15MHz

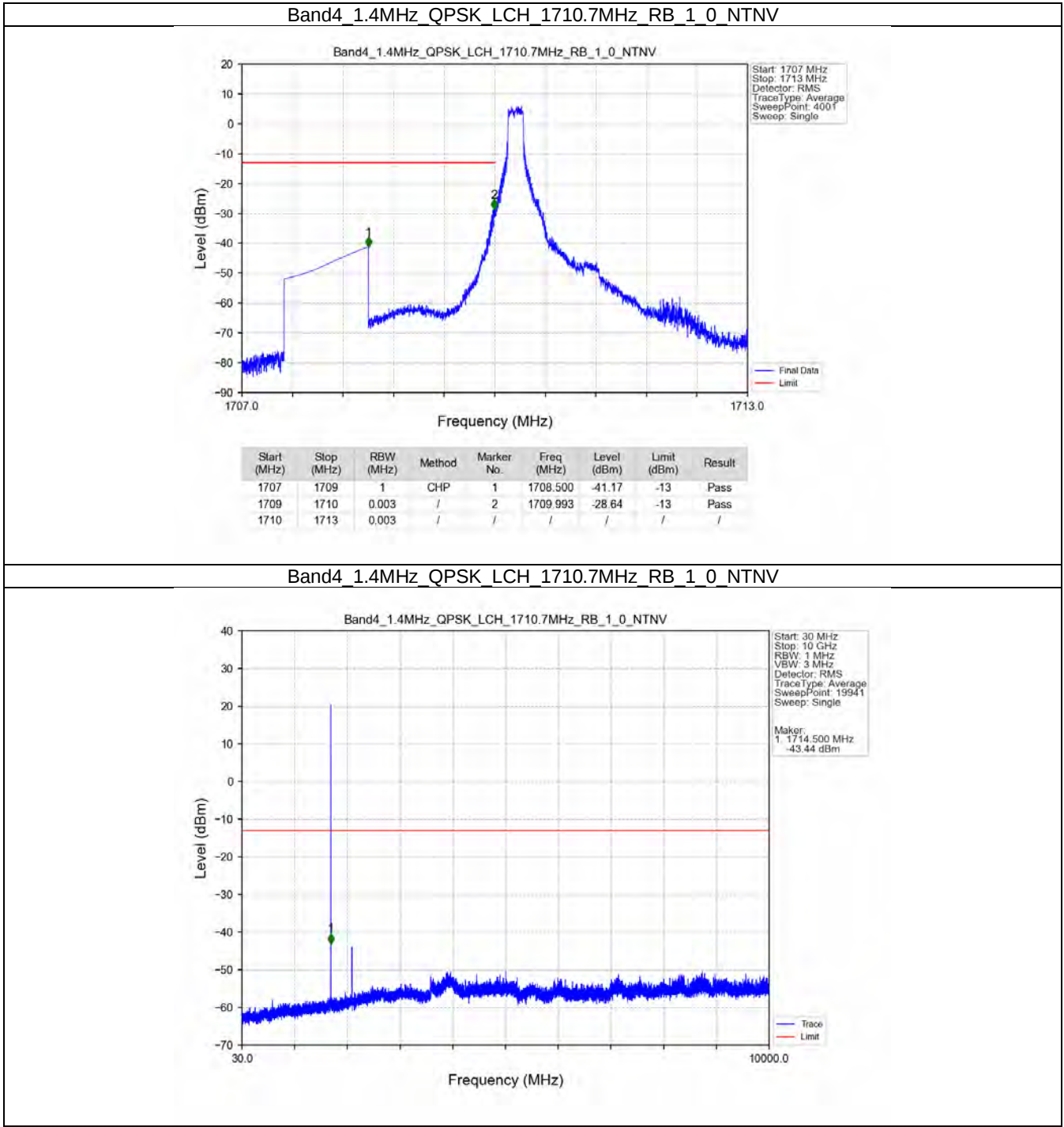
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

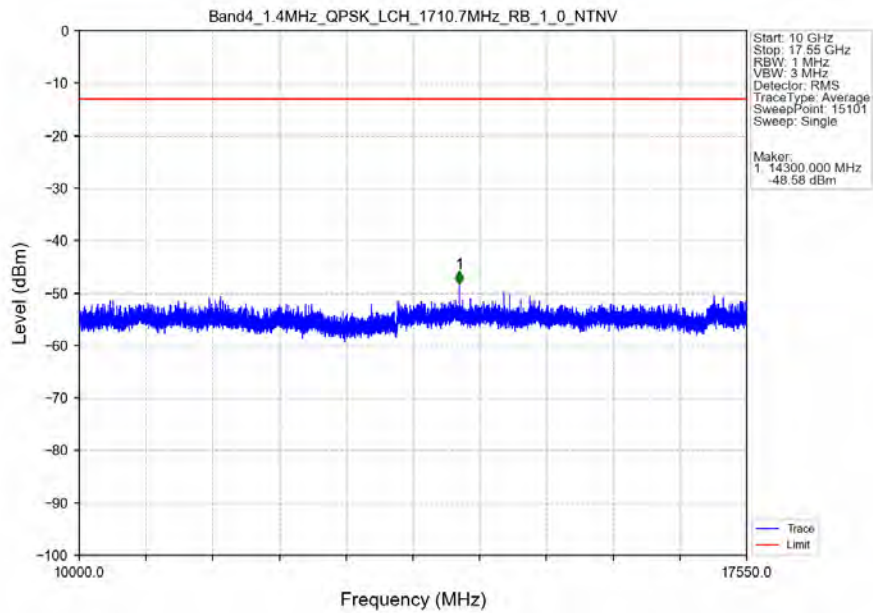
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

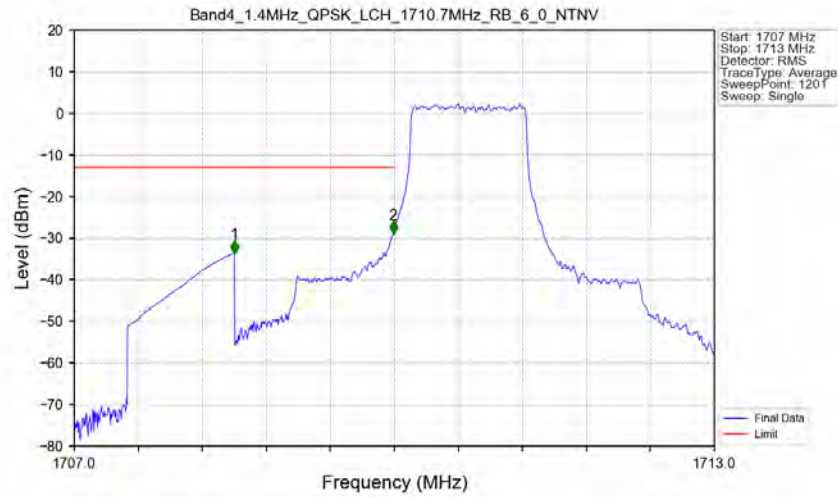
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV

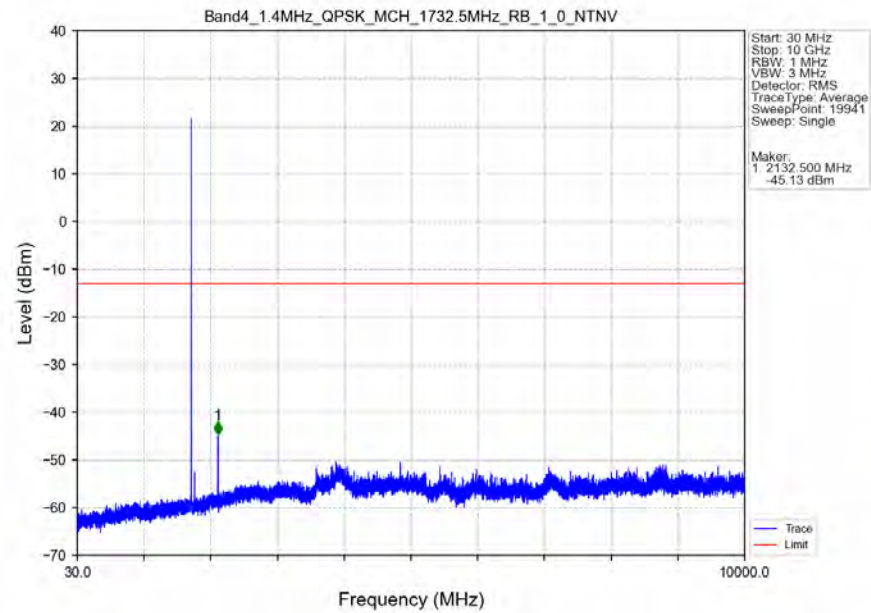


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV

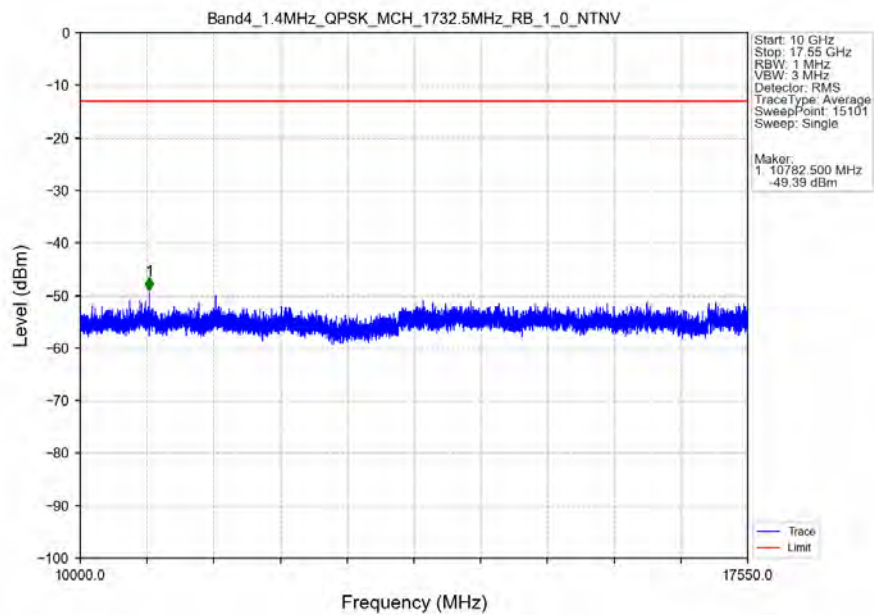


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-33.59	-13	Pass
1709	1710	0.014	CHP	2	1709.990	-28.99	-13	Pass
1710	1713	0.014	CHP	/	/	/	/	/

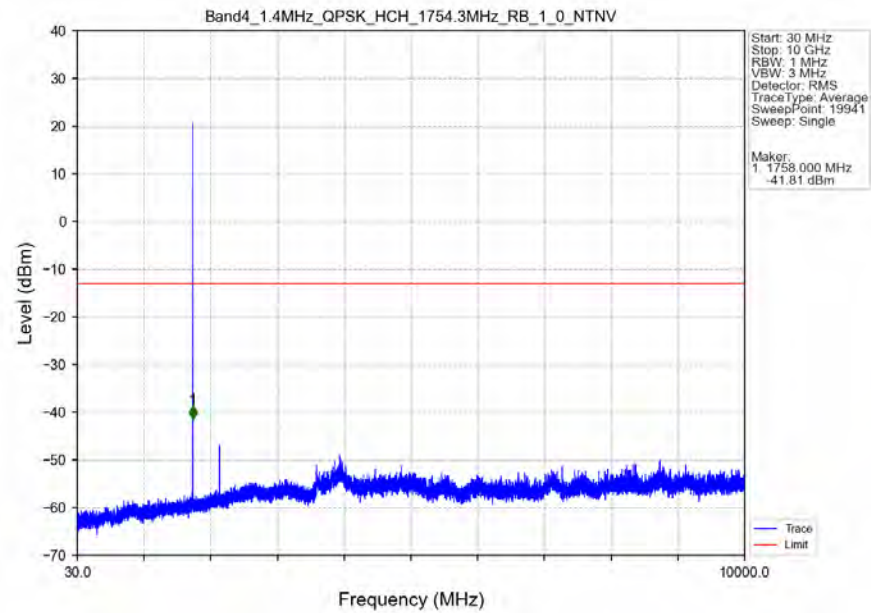
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



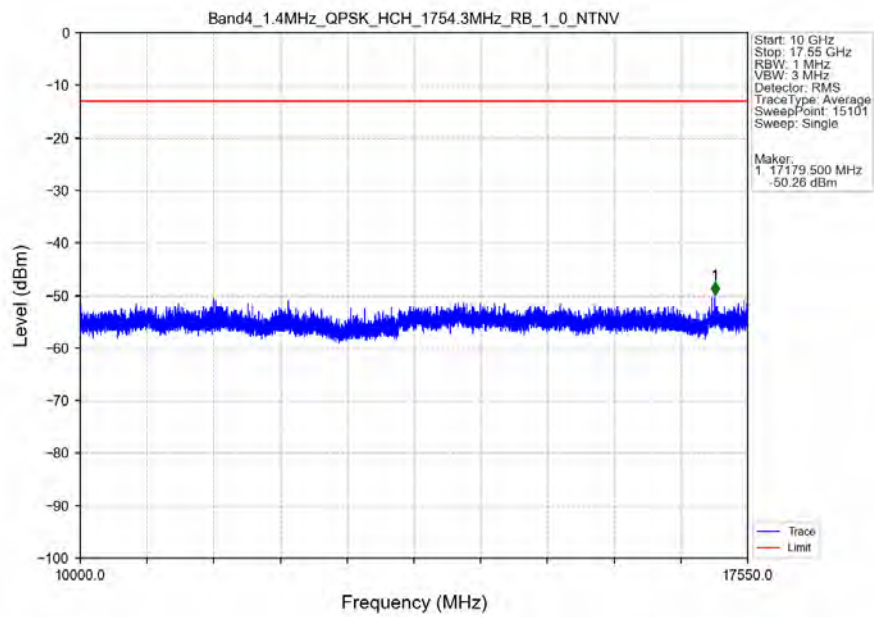
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



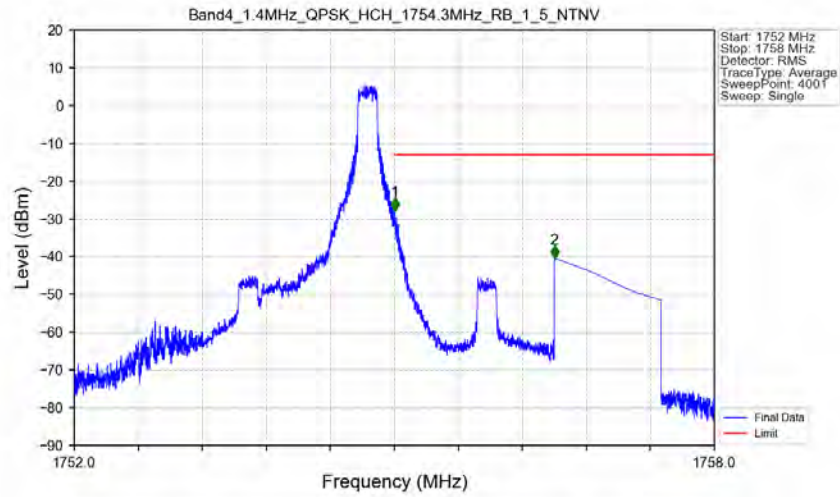
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

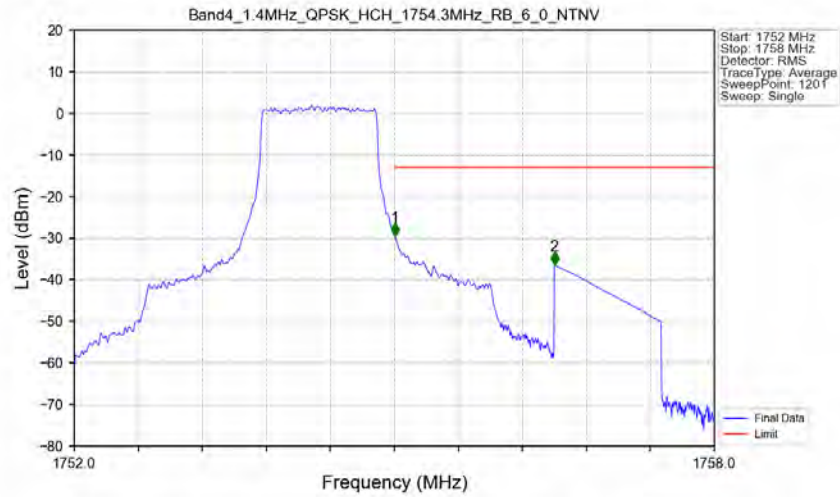


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



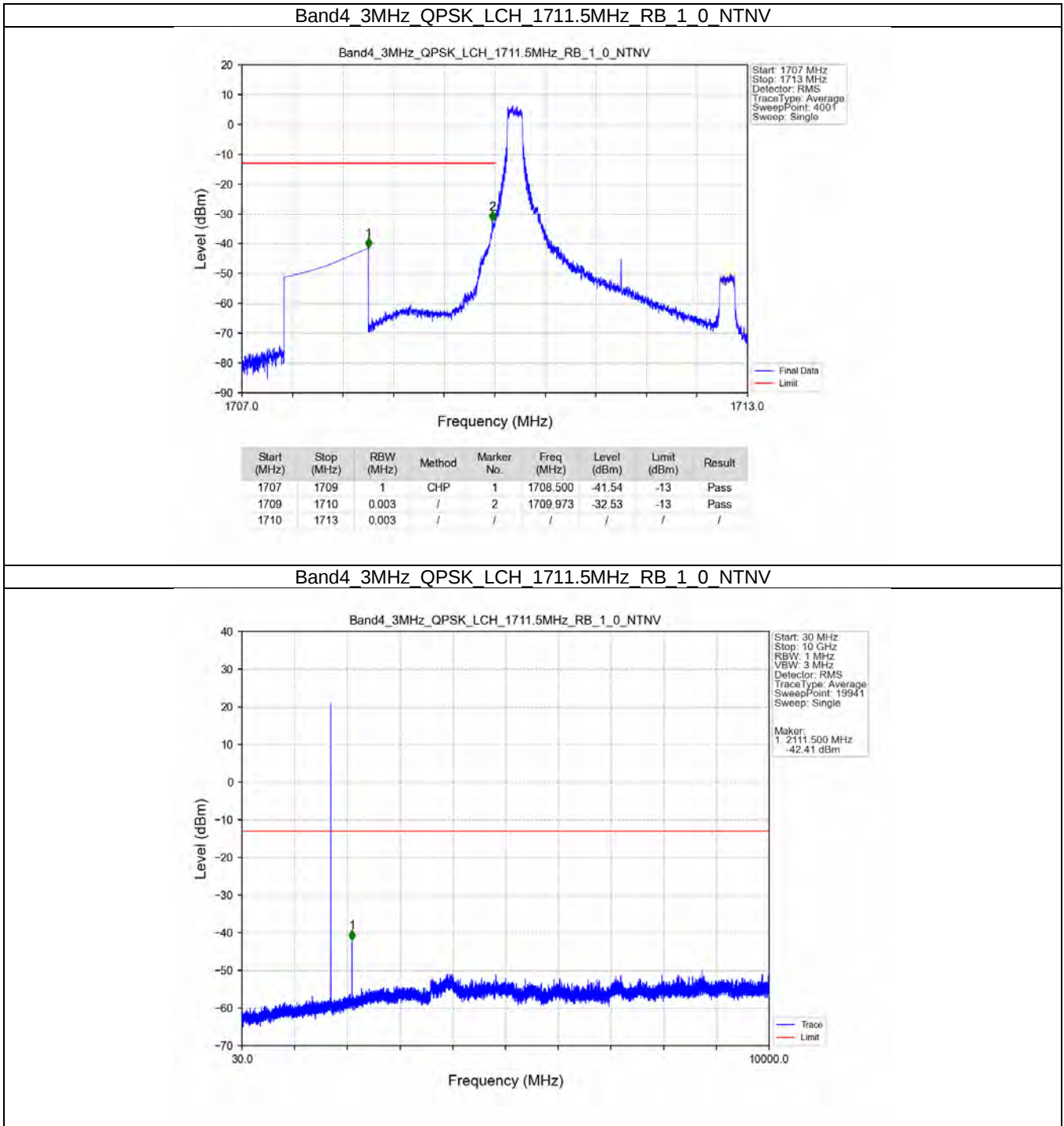
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-27.88	-13	Pass
1756	1758	1	CHP	2	1756.500	-40.41	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV

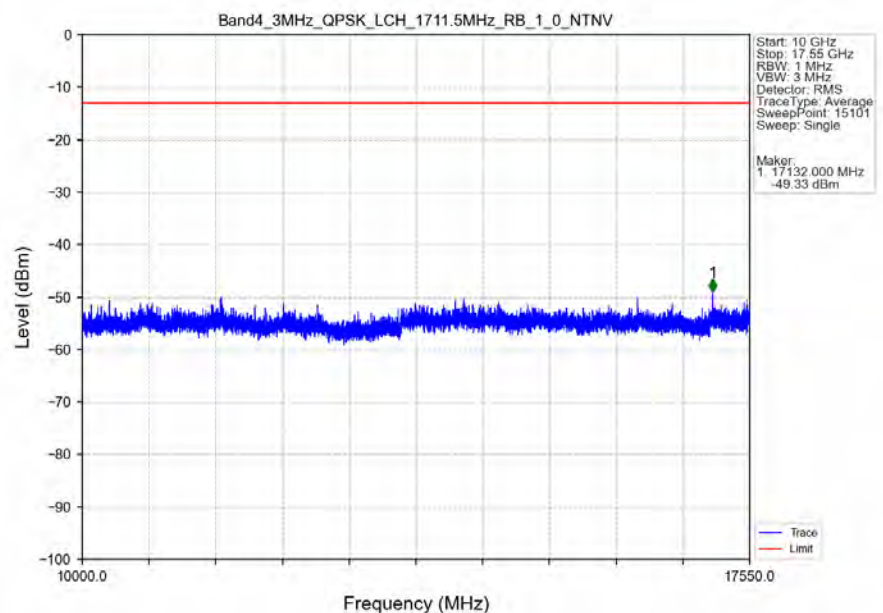


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.014	CHP	/	/	/	/	/
1755	1756	0.014	CHP	1	1755.005	-29.56	-13	Pass
1756	1758	1	CHP	2	1756.500	-36.41	-13	Pass

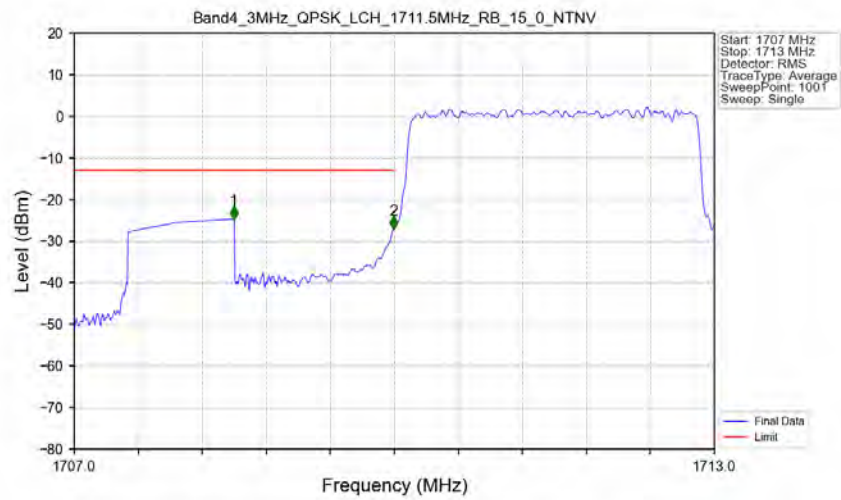
5.2.2 B4_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN

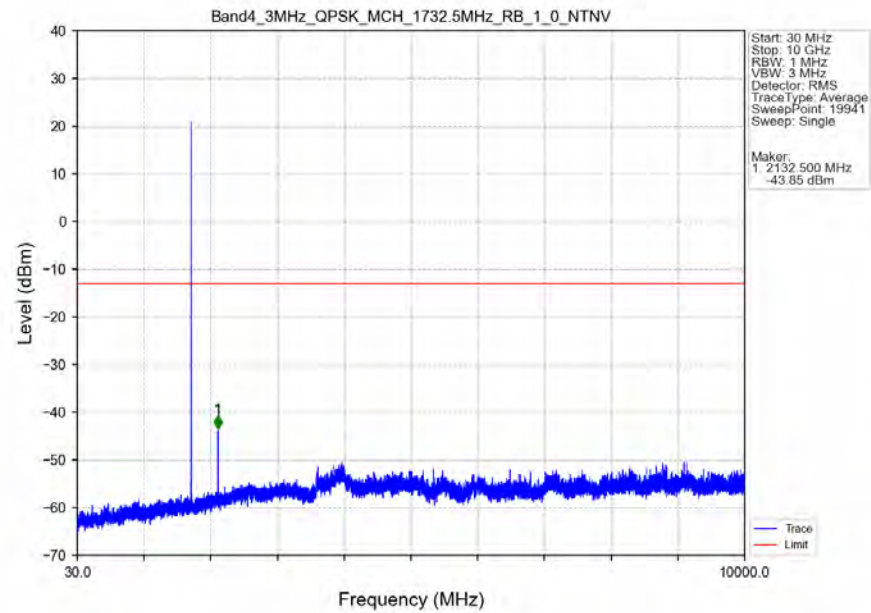


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN

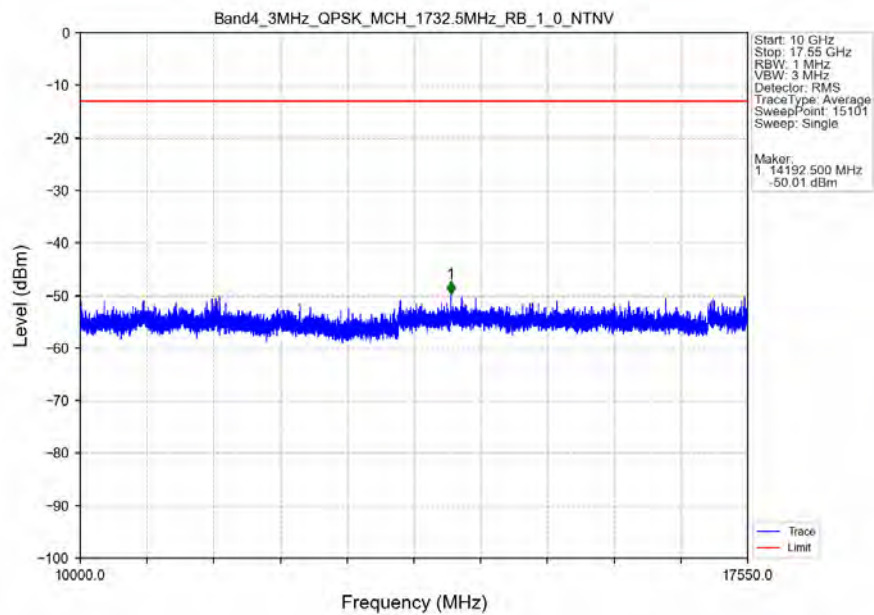


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-24.69	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-27.16	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

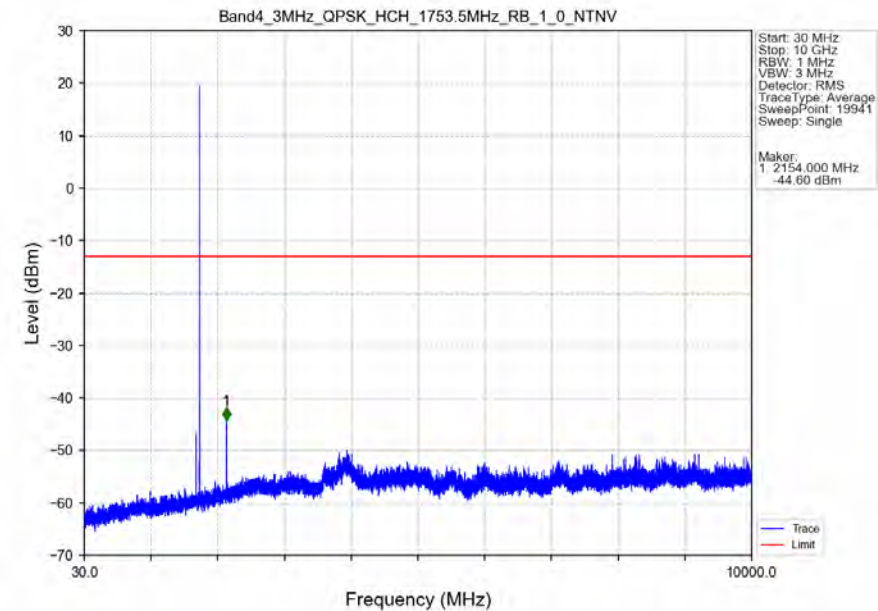
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTN



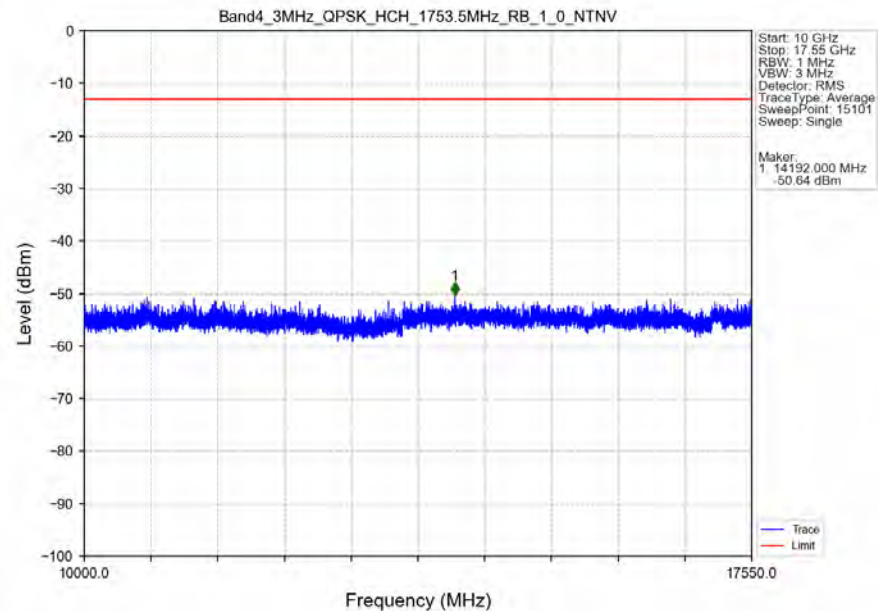
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTN



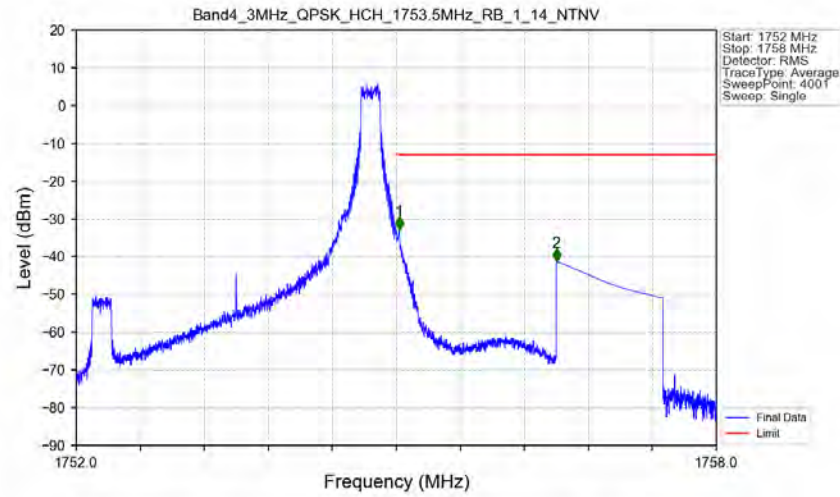
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN

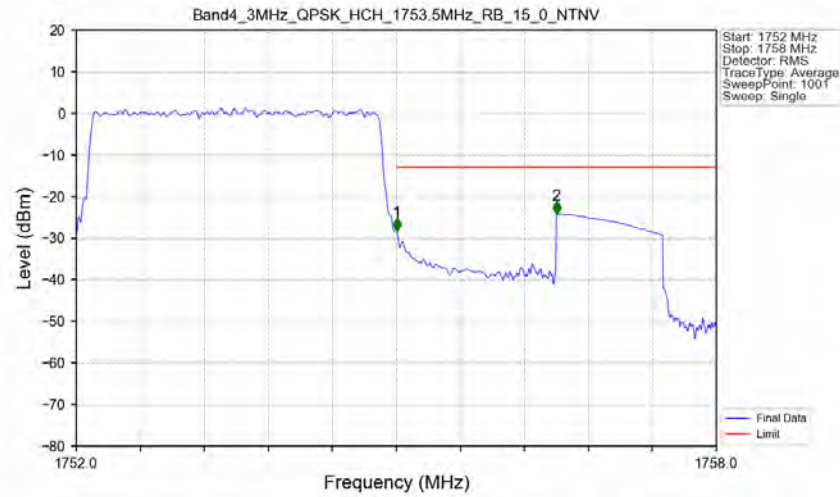


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



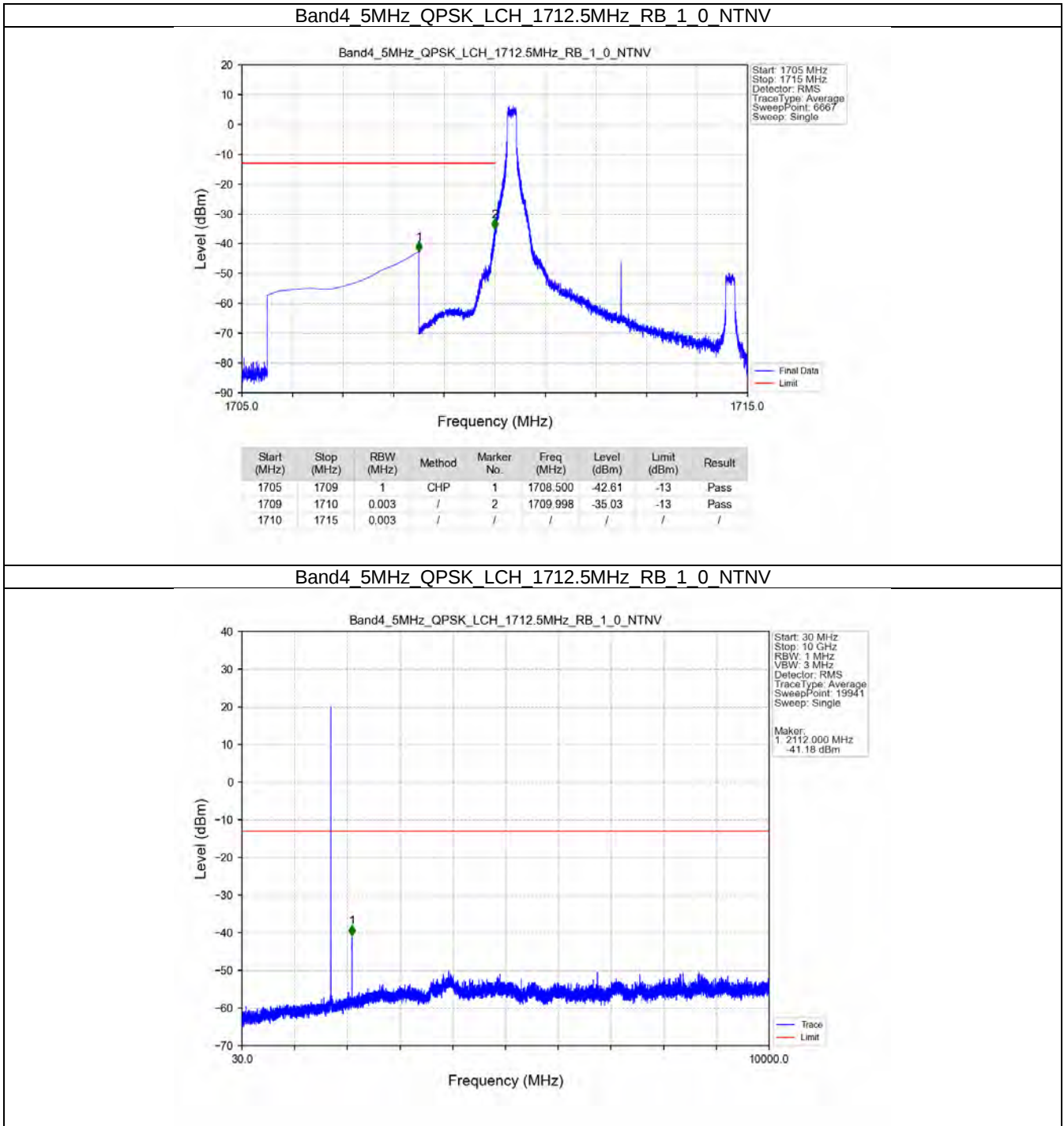
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.025	-32.93	-13	Pass
1756	1758	1	CHP	2	1756.500	-41.30	-13	Pass

Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV

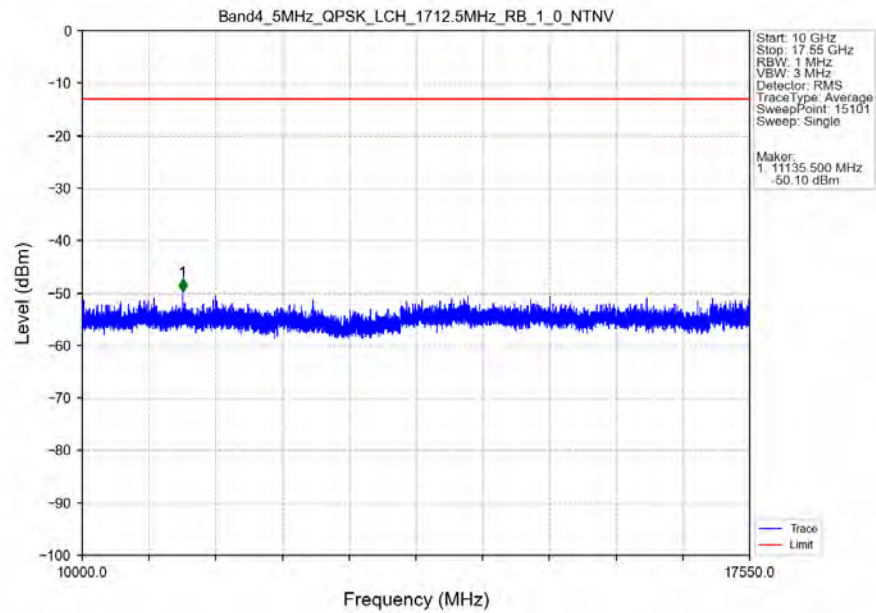


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-28.18	-13	Pass
1756	1758	1	CHP	2	1756.500	-24.18	-13	Pass

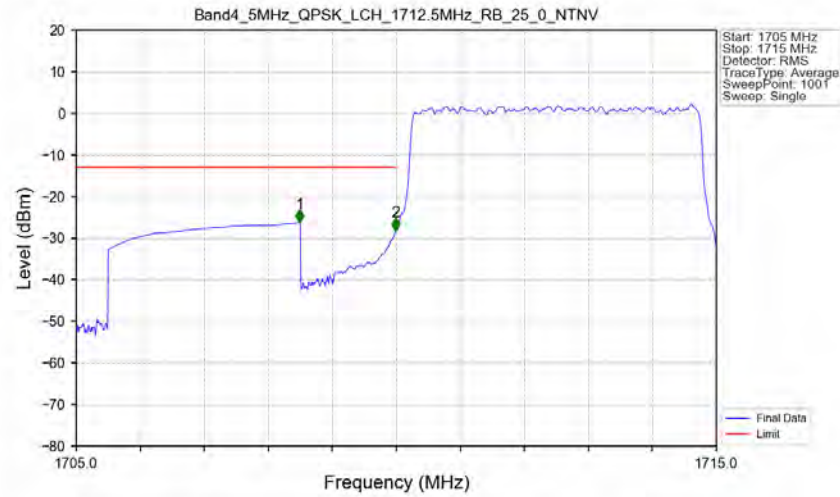
5.2.3 B4_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN

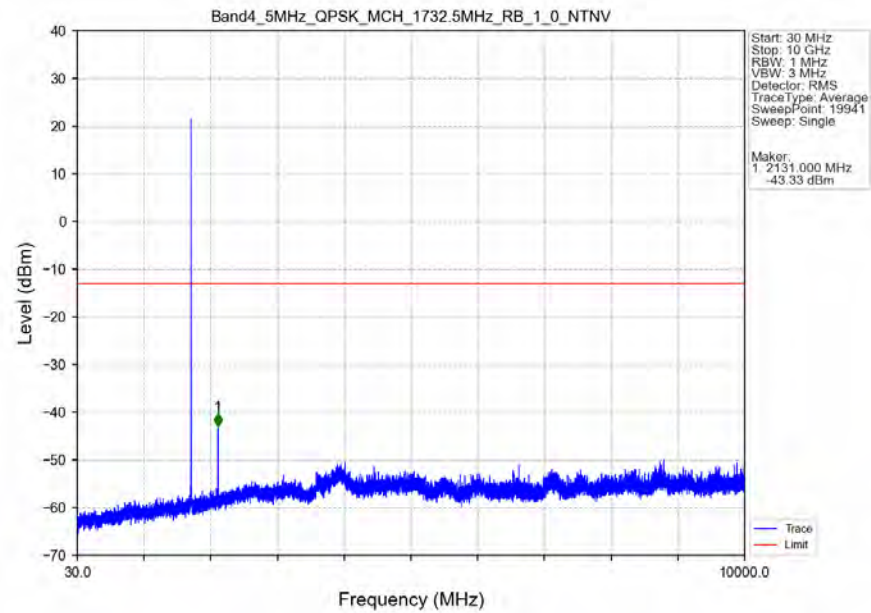


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN

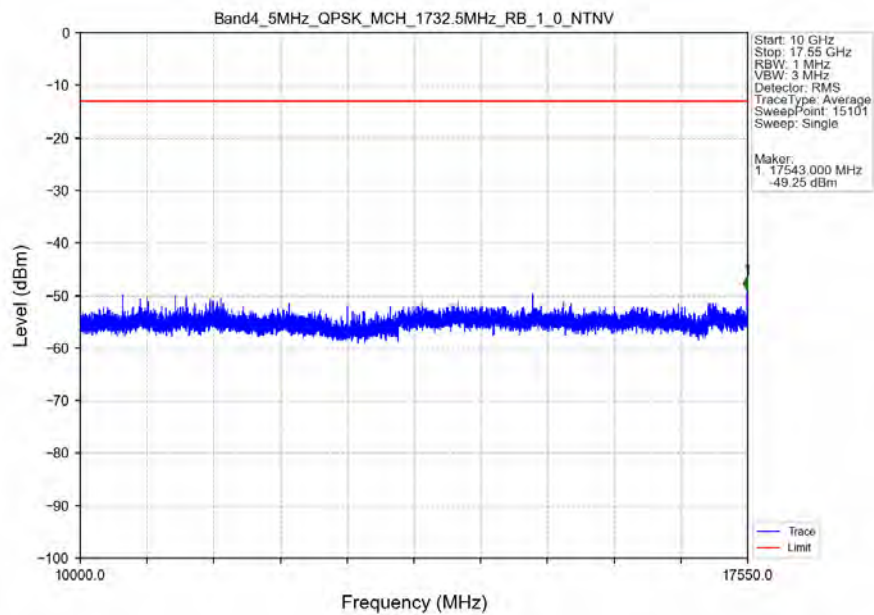


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-26.27	-13	Pass
1709	1710	0.052	CHP	2	1709.990	-28.20	-13	Pass
1710	1715	0.052	CHP	/	/	/	/	/

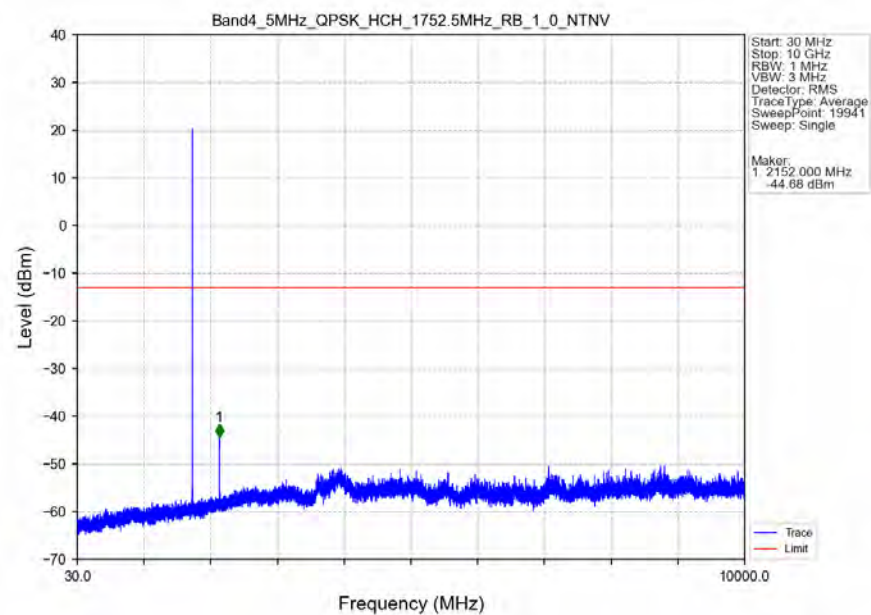
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



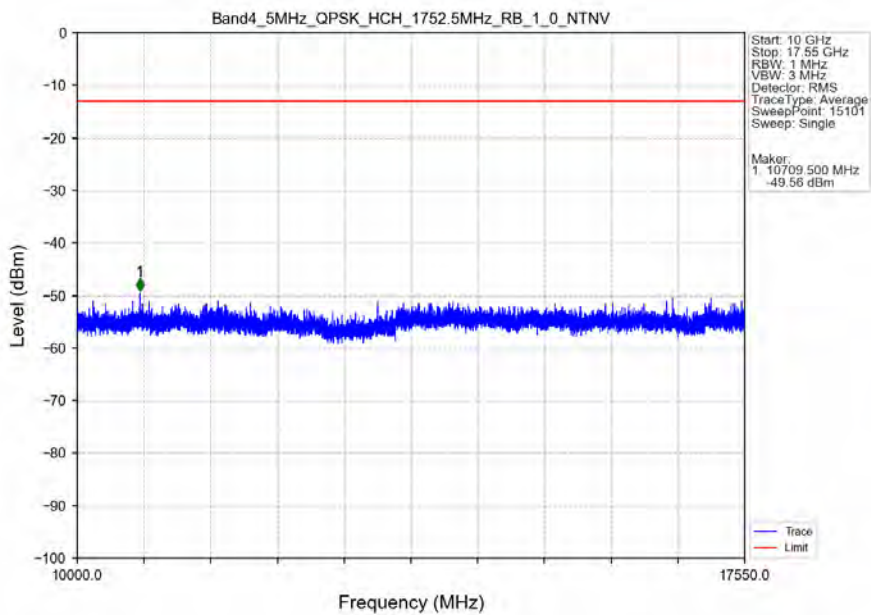
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



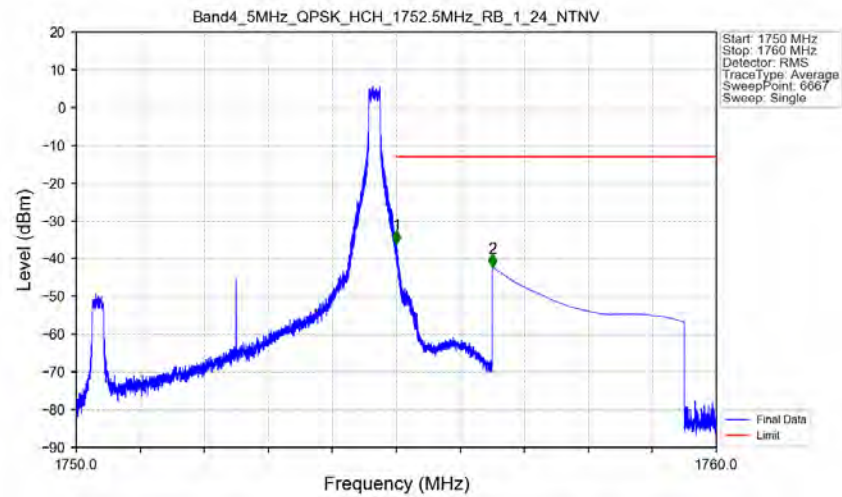
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN

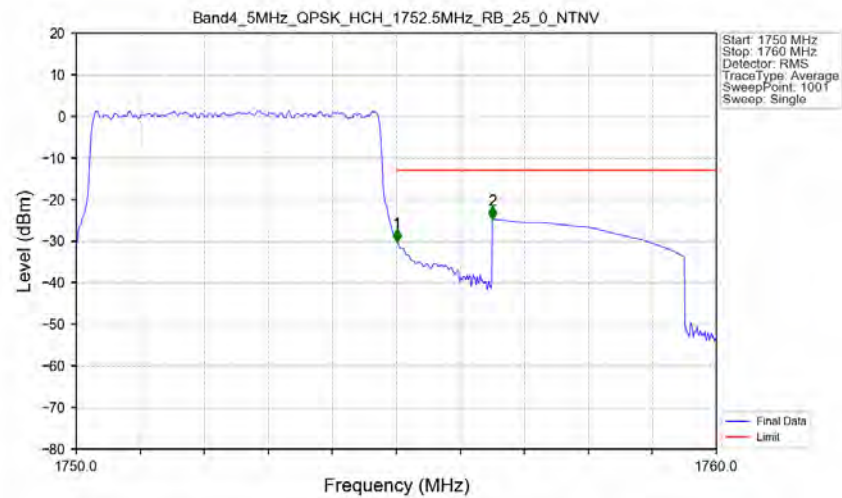


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



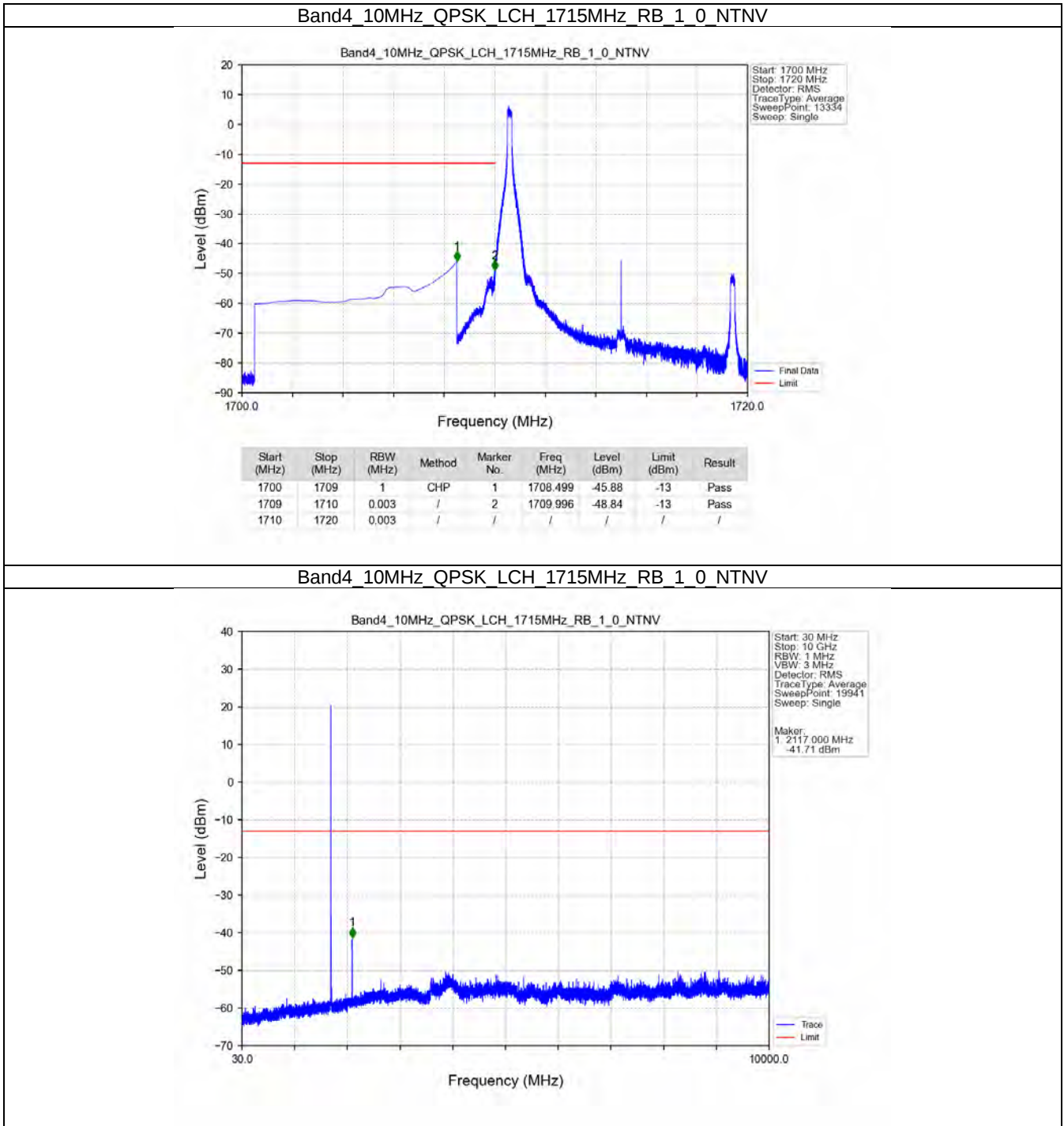
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-36.08	-13	Pass
1756	1760	1	CHP	2	1756.500	-42.25	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV

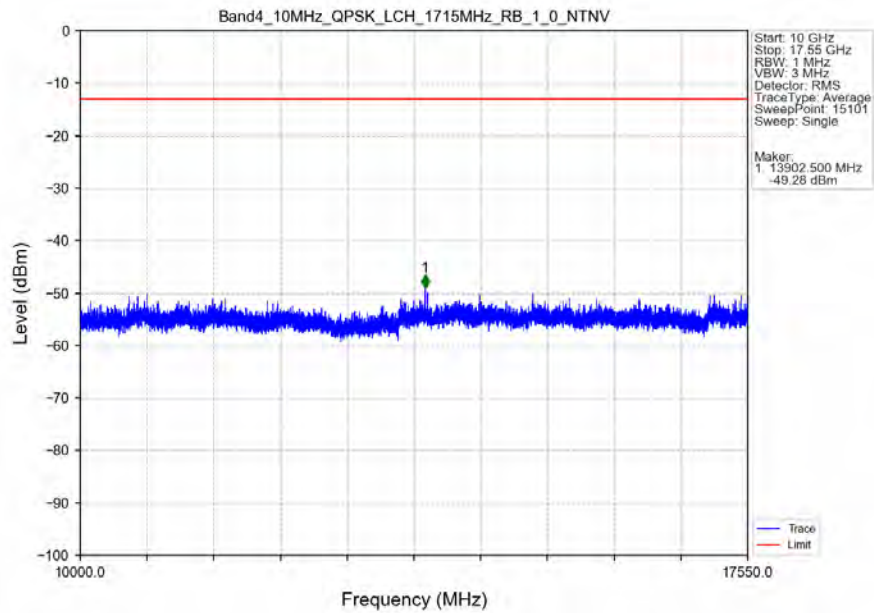


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.052	CHP	/	/	/	/	/
1755	1756	0.052	CHP	1	1755.010	-30.15	-13	Pass
1756	1760	1	CHP	2	1756.500	-24.78	-13	Pass

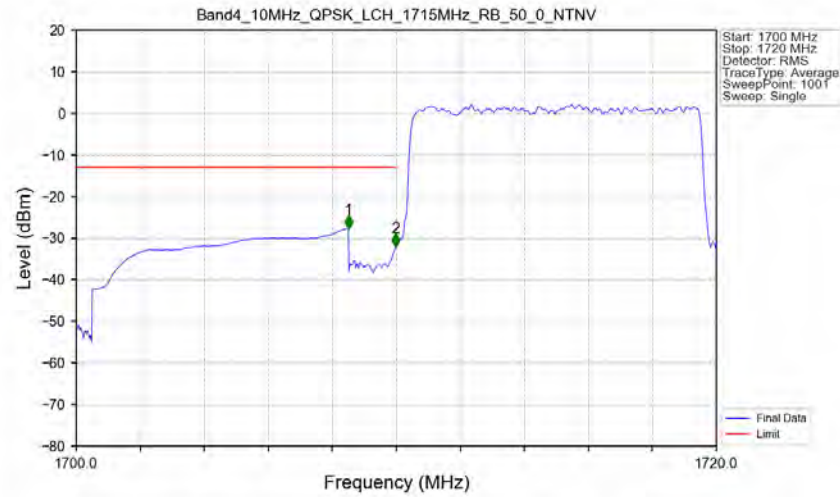
5.2.4 B4_10MHz



Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTN

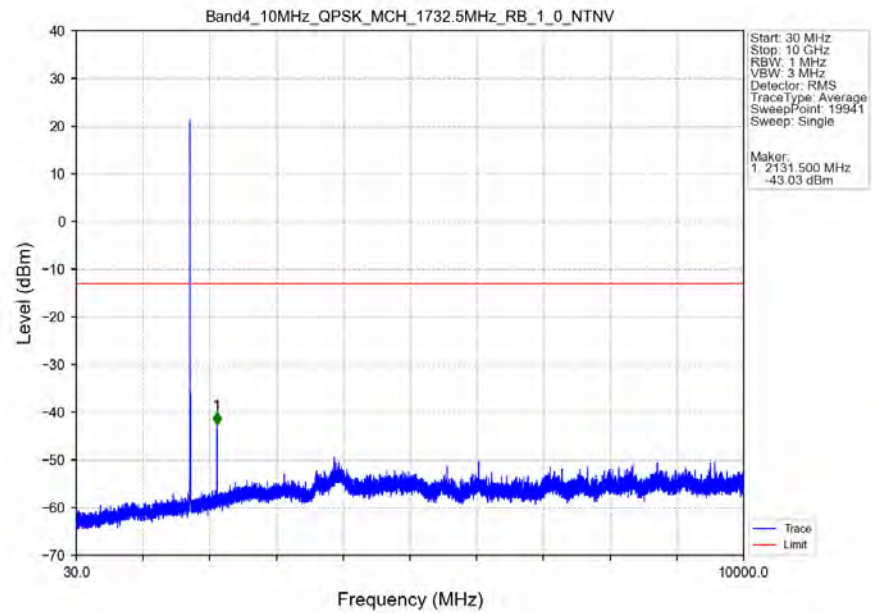


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN

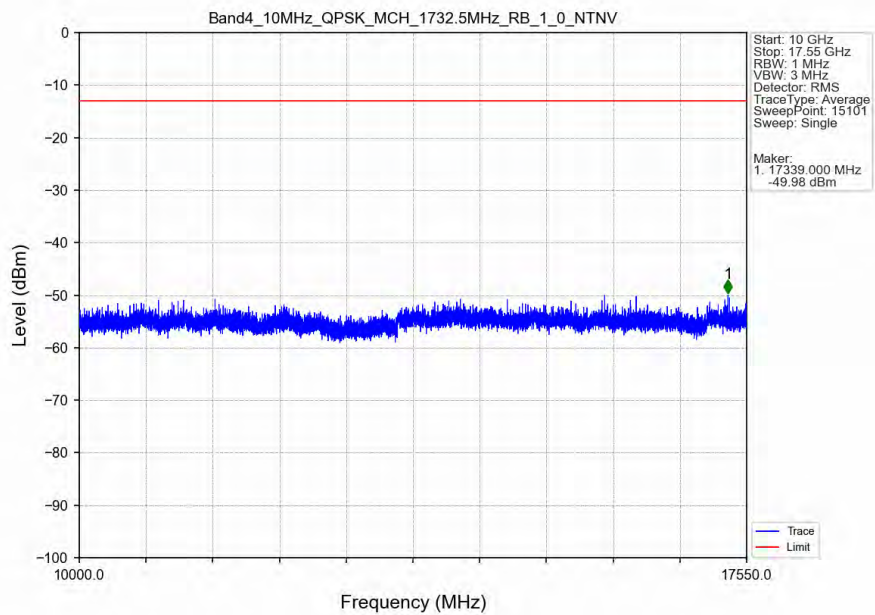


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-27.59	-13	Pass
1709	1710	0.101	CHP	2	1709.980	-32.07	-13	Pass
1710	1720	0.101	CHP	/	/	/	/	/

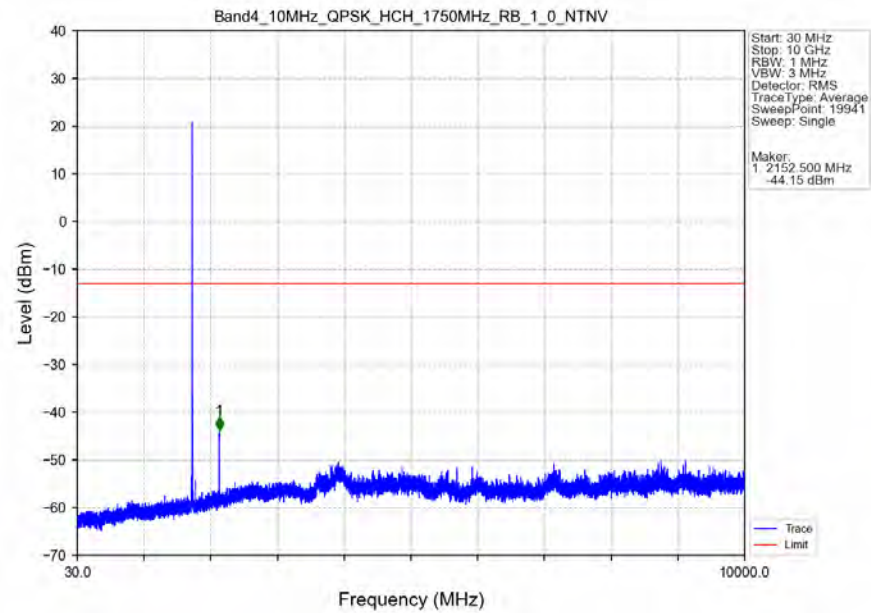
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



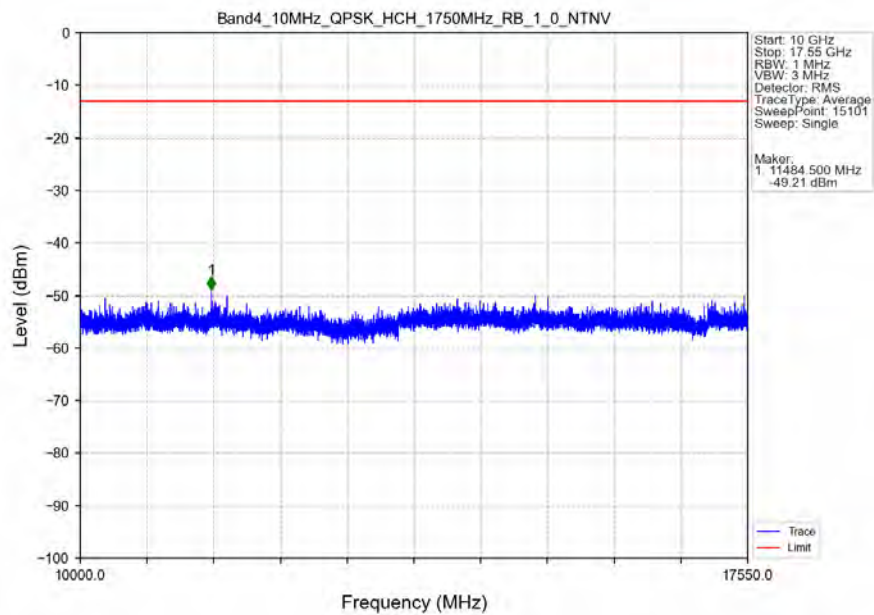
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



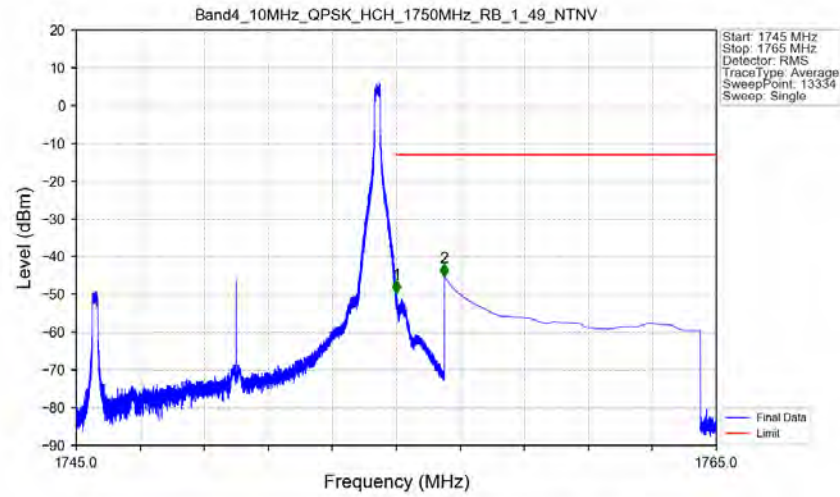
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

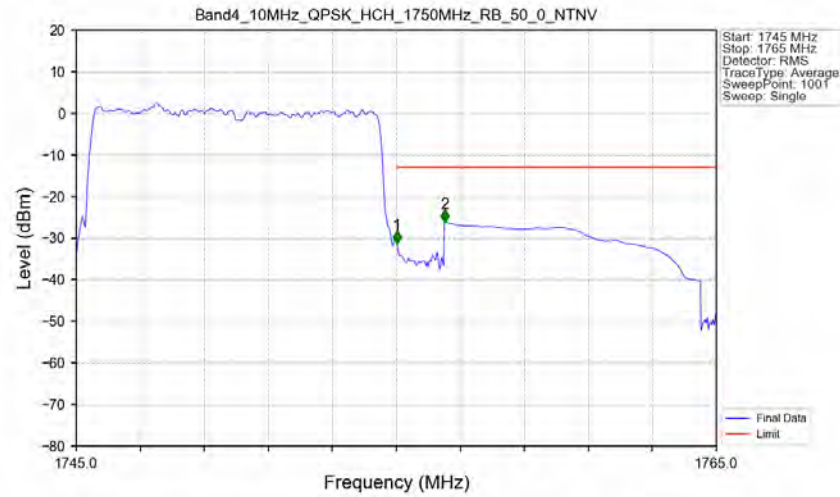


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTV



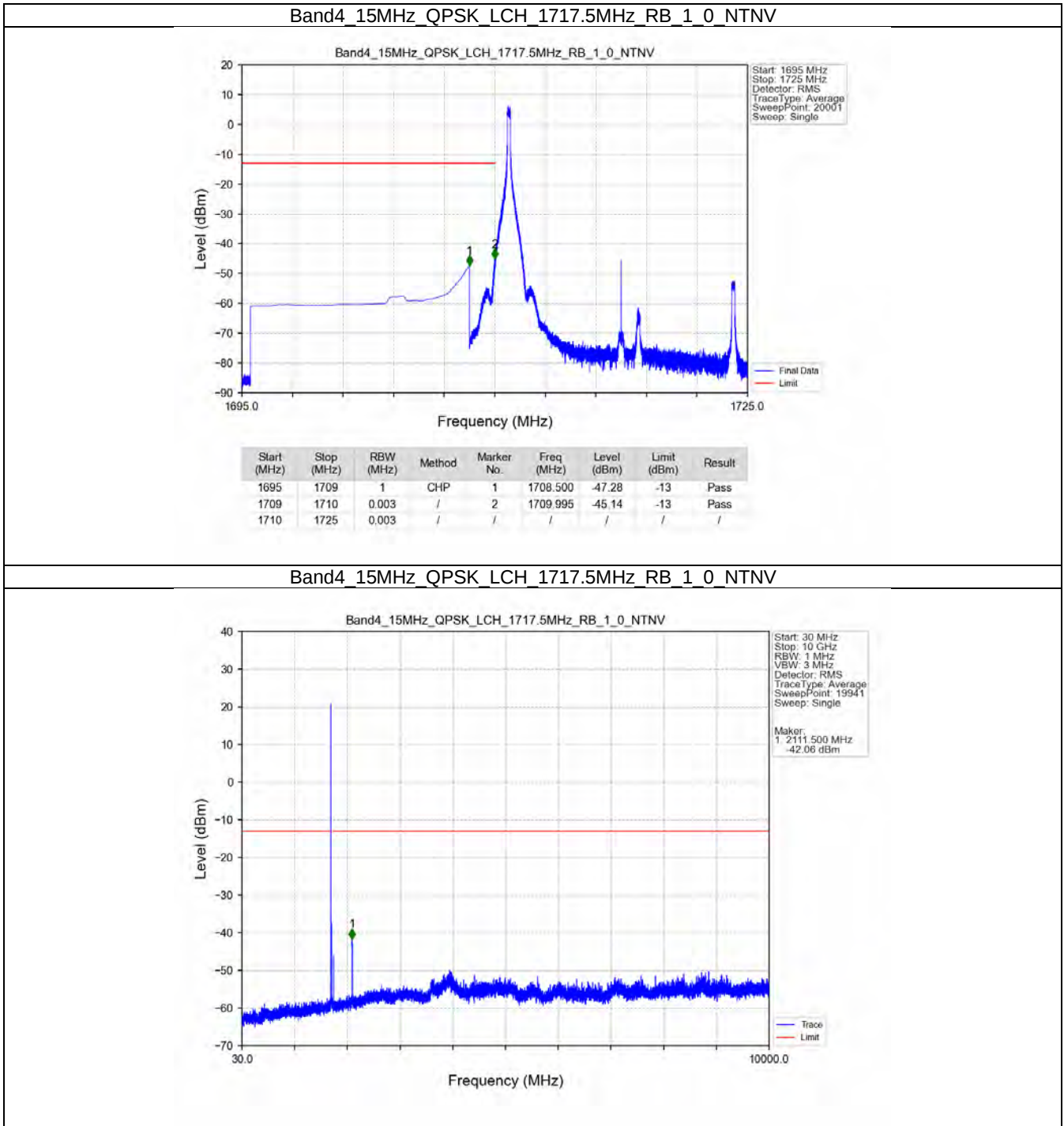
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-49.76	-13	Pass
1756	1765	1	CHP	2	1756.501	-45.32	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTV

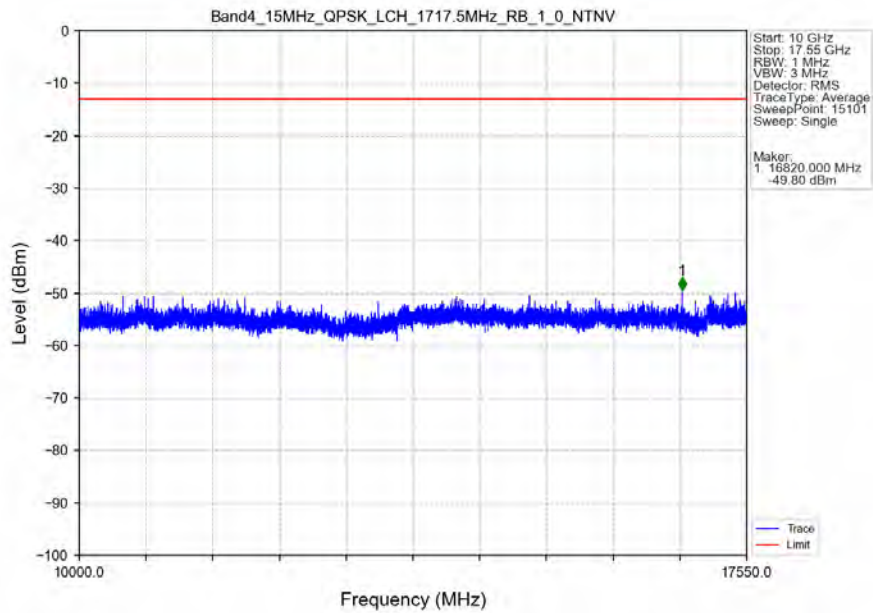


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.101	CHP	/	/	/	/	/
1755	1756	0.101	CHP	1	1755.020	-31.25	-13	Pass
1756	1765	1	CHP	2	1756.520	-26.15	-13	Pass

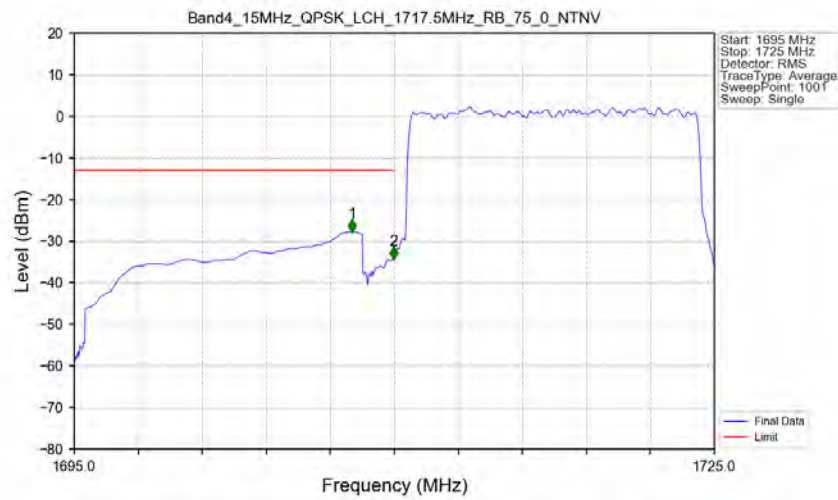
5.2.5 B4_15MHz



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

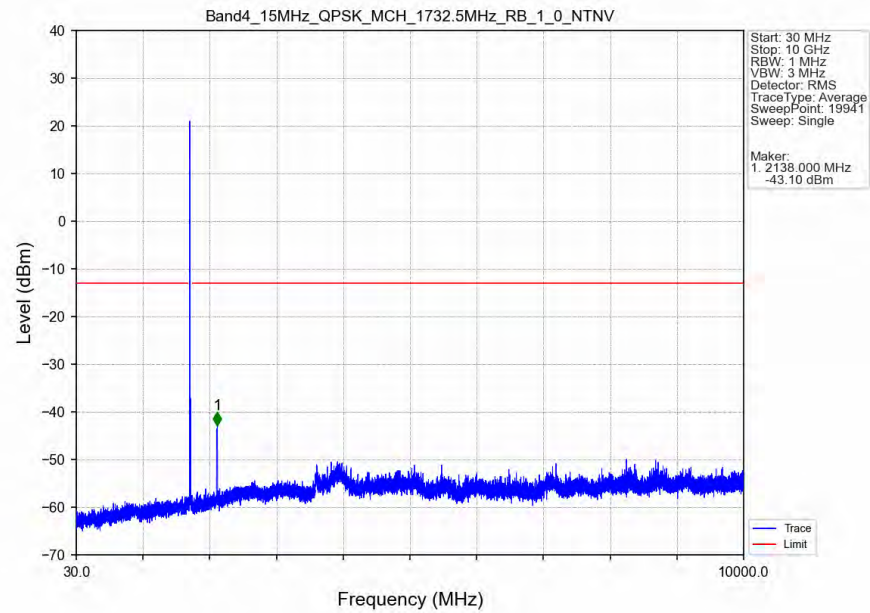


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

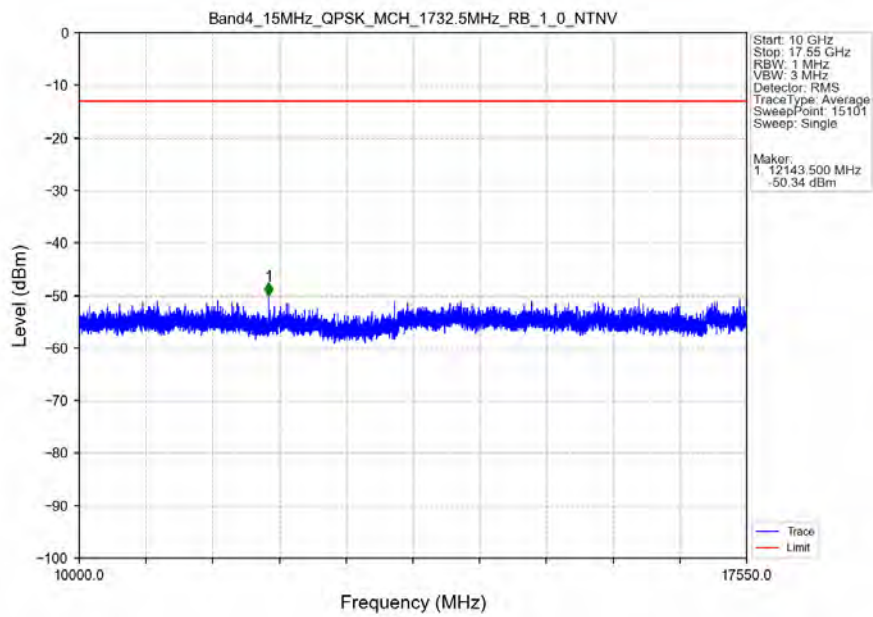


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.020	-27.78	-13	Pass
1709	1710	0.151	CHP	2	1709.970	-34.36	-13	Pass
1710	1725	0.151	CHP	/	/	/	/	/

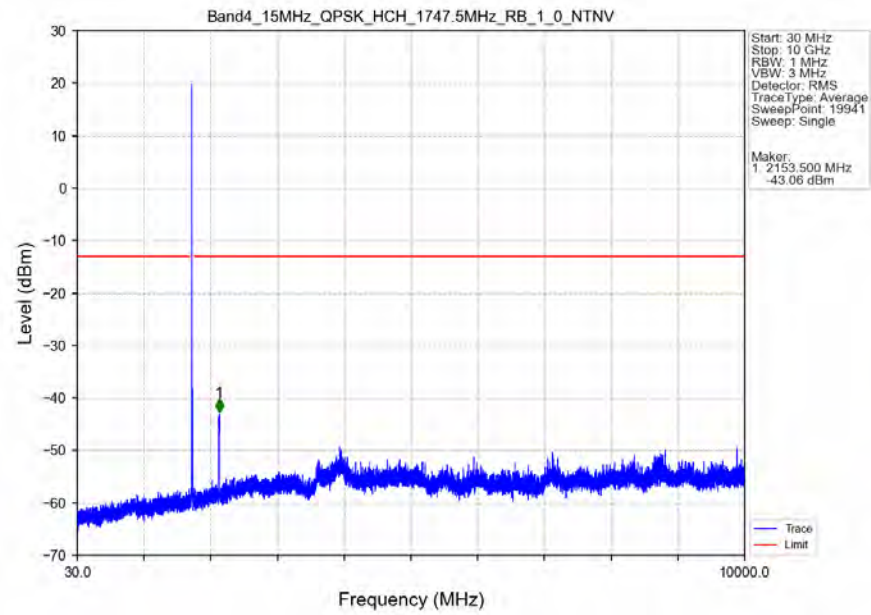
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



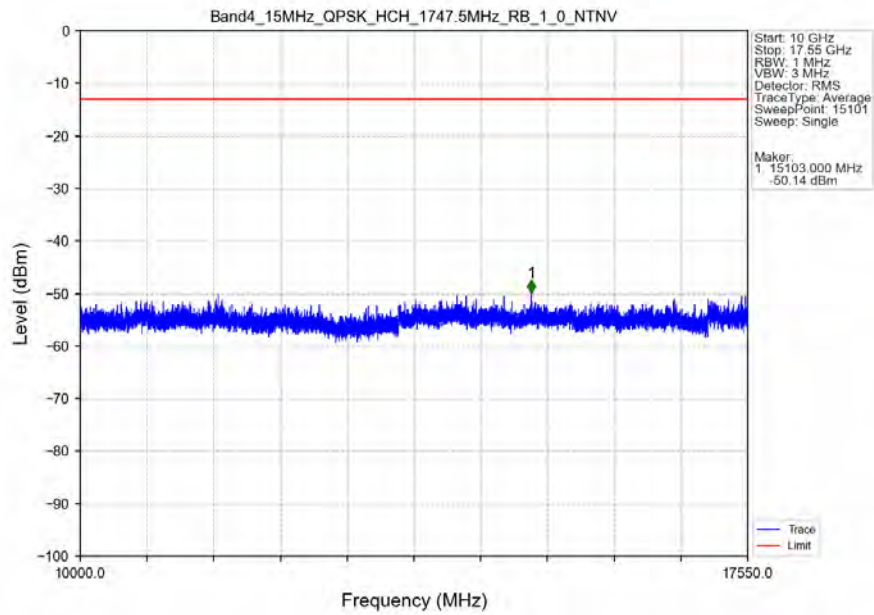
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



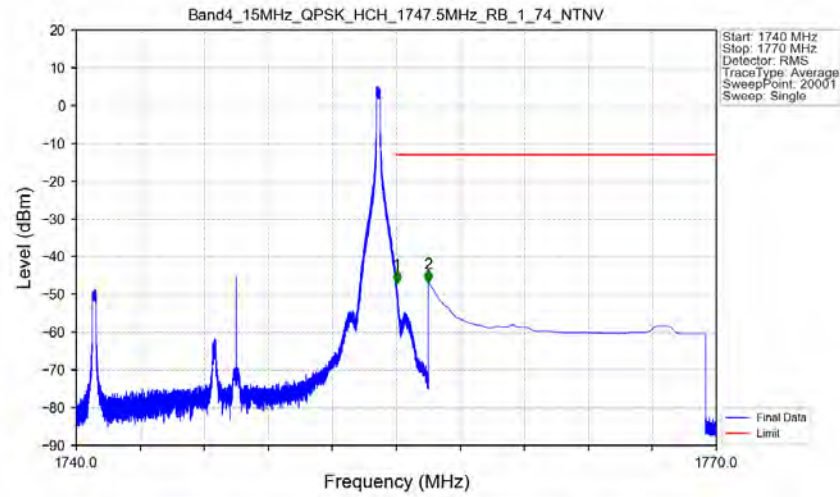
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

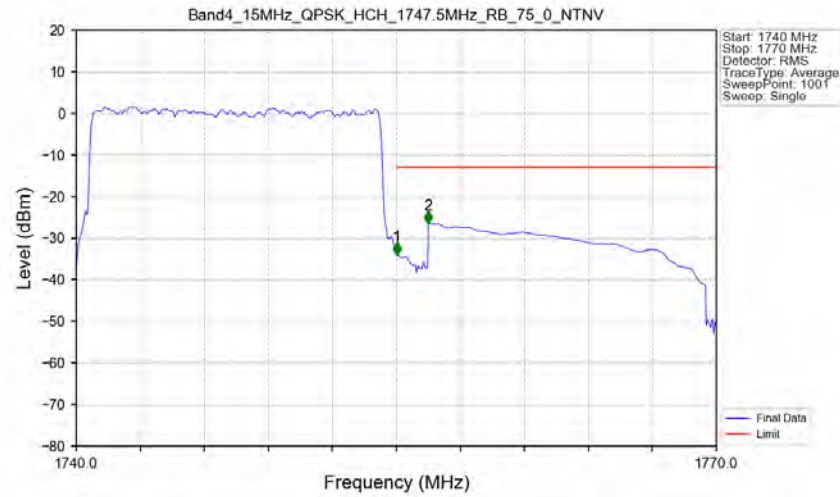


Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTV



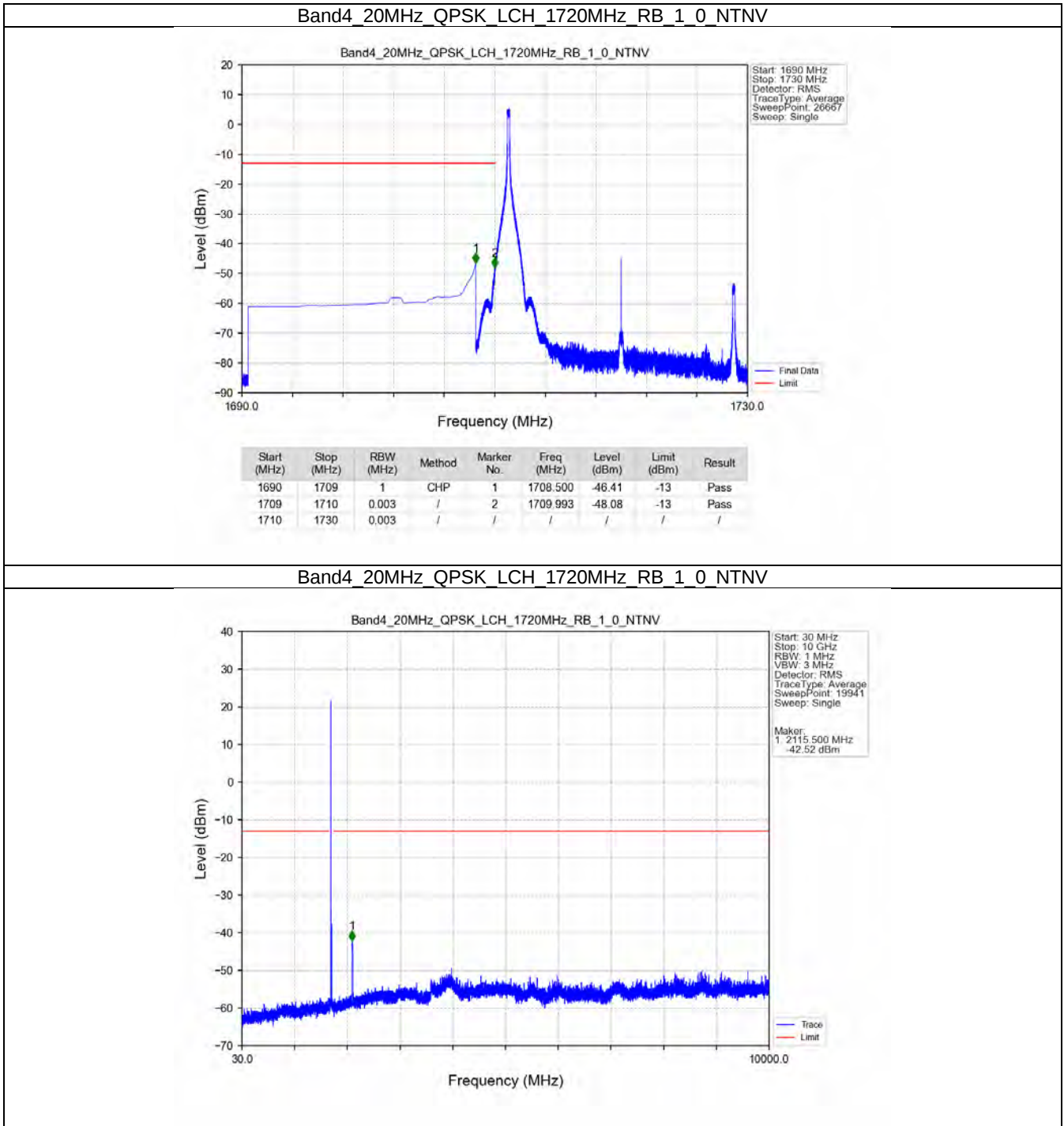
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.018	-47.02	-13	Pass
1756	1770	1	CHP	2	1756.500	-46.80	-13	Pass

Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTV

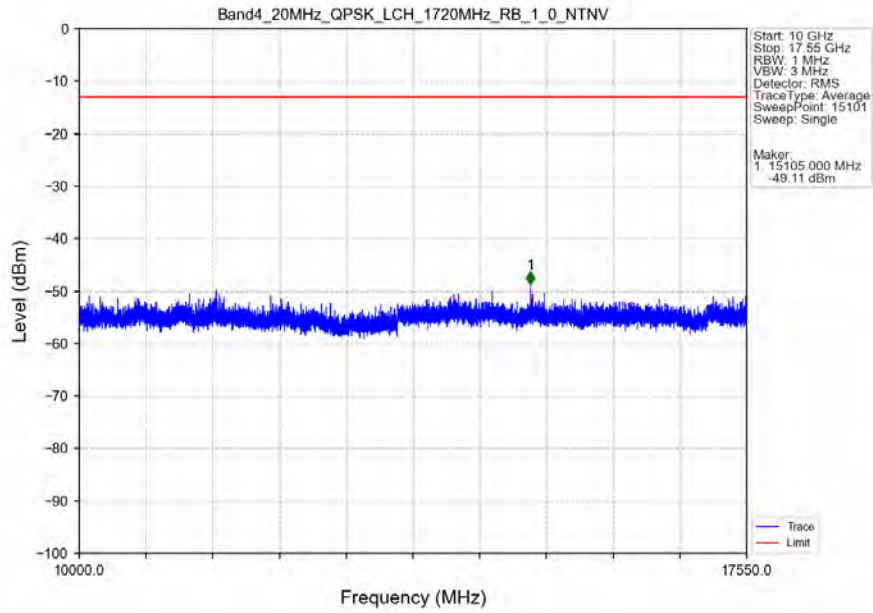


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.151	CHP	/	/	/	/	/
1755	1756	0.151	CHP	1	1755.030	-34.07	-13	Pass
1756	1770	1	CHP	2	1756.500	-26.59	-13	Pass

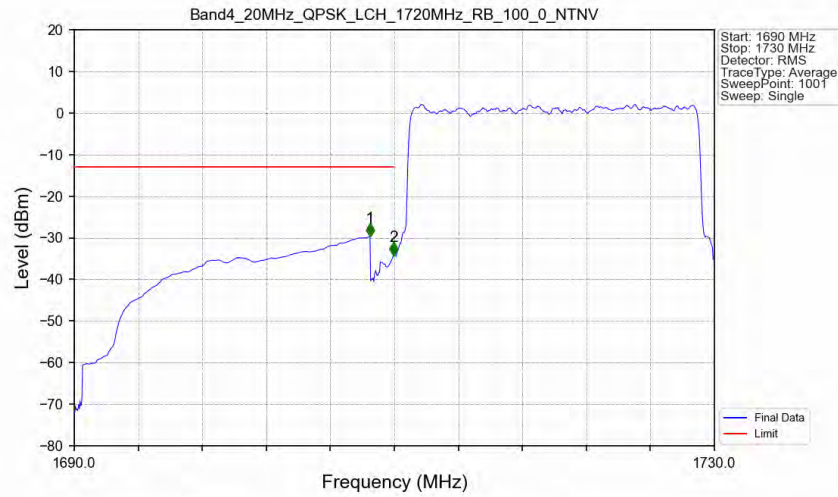
5.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

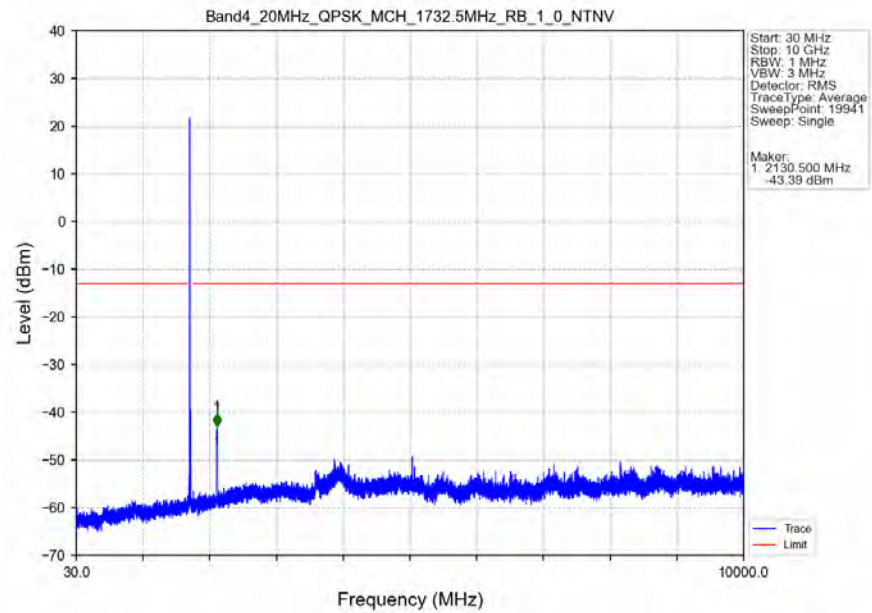


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

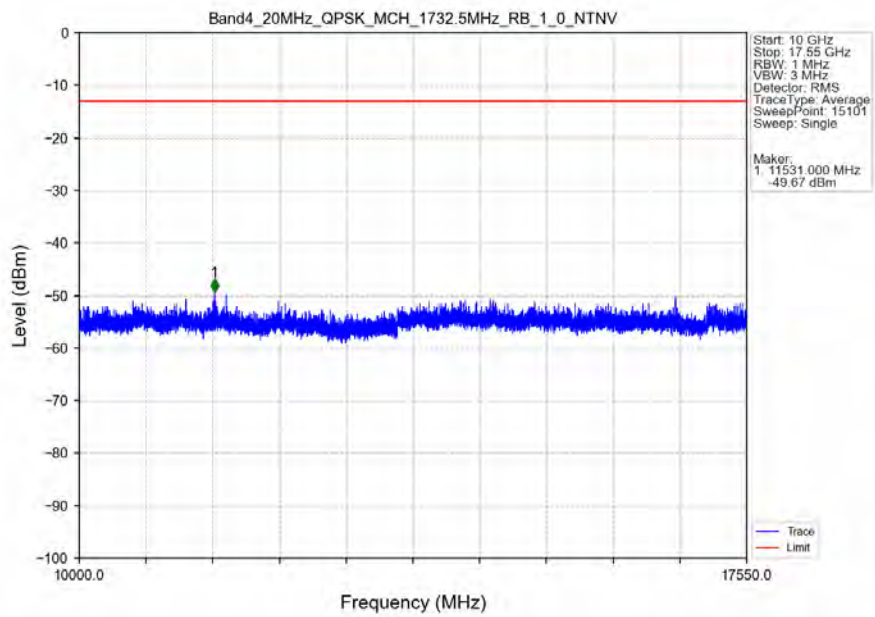


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-29.75	-13	Pass
1709	1710	0.202	CHP	2	1709.960	-34.27	-13	Pass
1710	1730	0.202	CHP	/	/	/	/	/

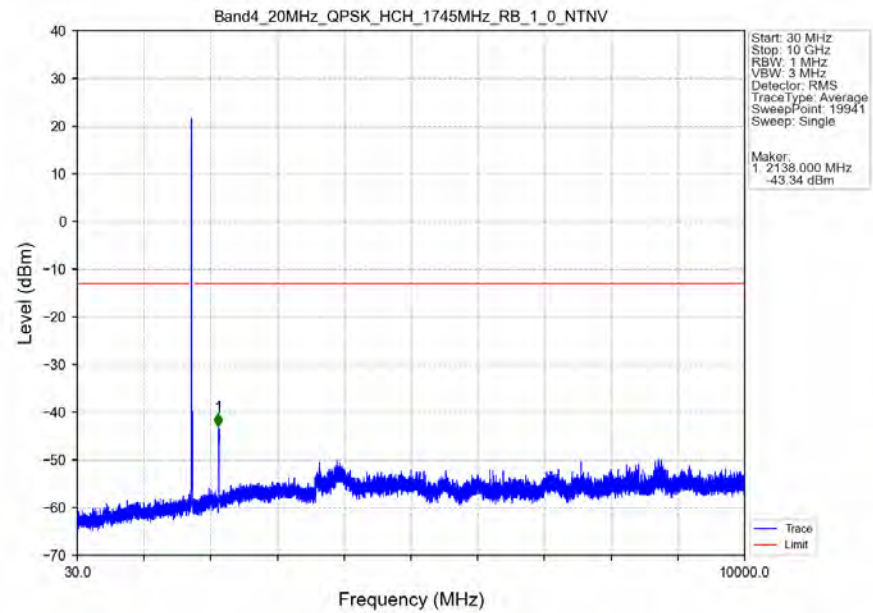
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



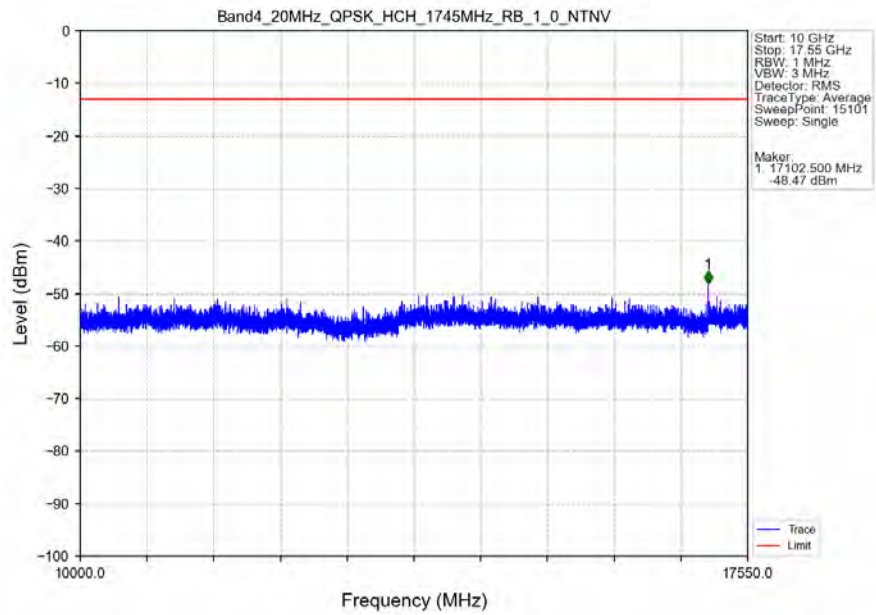
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



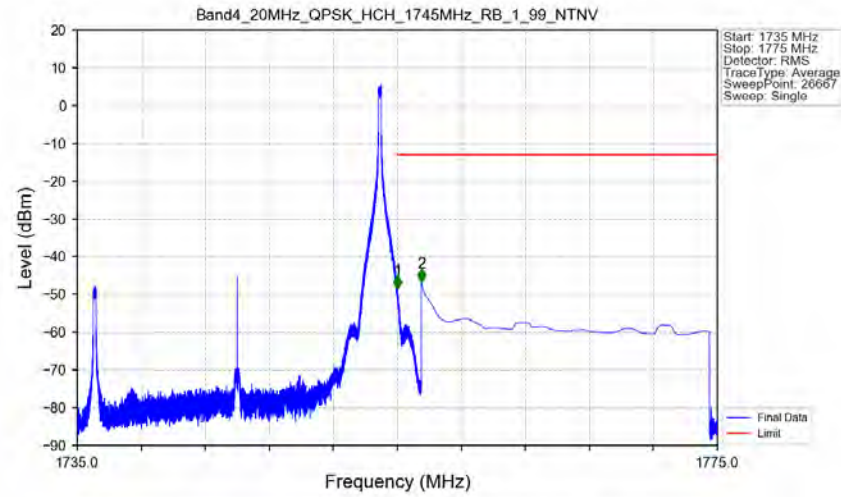
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN

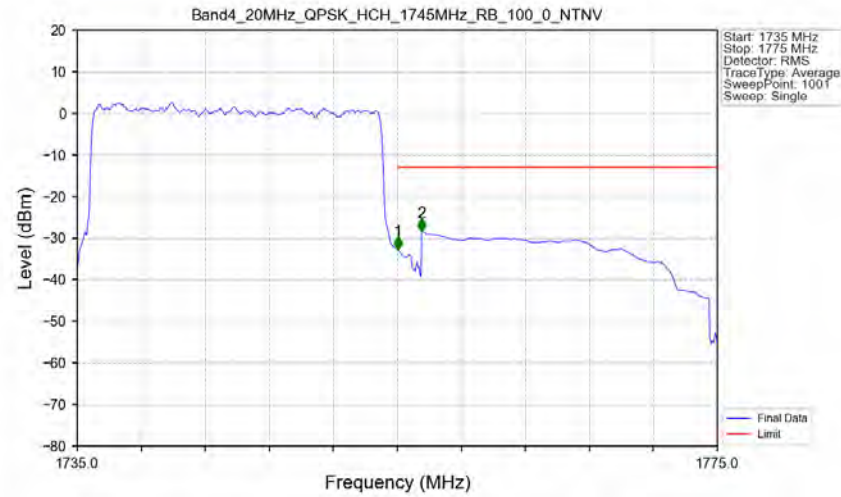


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTV



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	1755.003	-48.37	-13	Pass
1756	1775	1	CHP	2	1756.500	-46.66	-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	0.202	CHP	/	/	/	/	/
1755	1756	0.202	CHP	1	1755.040	-32.77	-13	Pass
1756	1775	1	CHP	2	1756.520	-28.42	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 4-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-58.45	-13	-45.45	-63.07	3.36	7.98	Horizontal	Pass
5133.0	-55.28	-13	-42.28	-60.89	4.61	10.22	Horizontal	Pass
6844.0	-55.26	-13	-42.26	-61.29	4.9	10.93	Horizontal	Pass
3422.0	-55.59	-13	-42.59	-60.21	3.36	7.98	Vertical	Pass
5133.0	-55.56	-13	-42.56	-61.17	4.61	10.22	Vertical	Pass
6844.0	-54.62	-13	-41.62	-60.65	4.9	10.93	Vertical	Pass

LTE Band 4-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3447.0	-56.89	-13	-43.89	-61.56	3.37	8.04	Horizontal	Pass
5170.5	-54.16	-13	-41.16	-59.79	4.62	10.25	Horizontal	Pass
6894.0	-53.67	-13	-40.67	-59.76	4.9	10.99	Horizontal	Pass
3447.0	-58.44	-13	-45.44	-63.11	3.37	8.04	Vertical	Pass
5170.5	-55.49	-13	-42.49	-61.12	4.62	10.25	Vertical	Pass
6894.0	-54.08	-13	-41.08	-60.17	4.9	10.99	Vertical	Pass

LTE Band 4-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-57.79	-13	-44.79	-62.5	3.39	8.1	Horizontal	Pass
5208.0	-54.04	-13	-41.04	-59.67	4.64	10.27	Horizontal	Pass
6944.0	-53.58	-13	-40.58	-59.73	4.91	11.06	Horizontal	Pass
3472.0	-58.6	-13	-45.6	-63.31	3.39	8.1	Vertical	Pass
5208.0	-54.54	-13	-41.54	-60.17	4.64	10.27	Vertical	Pass
6944.0	-53.62	-13	-40.62	-59.77	4.91	11.06	Vertical	Pass