

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	23.61	-3.09	20.52	<=30	Pass
			2	23.51	-3.09	20.42	<=30	Pass
			5	23.53	-3.09	20.44	<=30	Pass
		3	0	23.40	-3.09	20.31	<=30	Pass
			2	23.66	-3.09	20.57	<=30	Pass
			3	23.63	-3.09	20.54	<=30	Pass
		6	0	22.83	-3.09	19.74	<=30	Pass
	1732.5	1	0	23.55	-3.09	20.46	<=30	Pass
			2	23.61	-3.09	20.52	<=30	Pass
			5	23.67	-3.09	20.58	<=30	Pass
		3	0	23.29	-3.09	20.20	<=30	Pass
			2	23.51	-3.09	20.42	<=30	Pass
			3	23.78	-3.09	20.69	<=30	Pass
		6	0	22.62	-3.09	19.53	<=30	Pass
	1754.3	1	0	23.99	-3.09	20.90	<=30	Pass
			2	23.36	-3.09	20.27	<=30	Pass
			5	23.62	-3.09	20.53	<=30	Pass
		3	0	23.87	-3.09	20.78	<=30	Pass
			2	23.85	-3.09	20.76	<=30	Pass
			3	23.92	-3.09	20.83	<=30	Pass
		6	0	22.98	-3.09	19.89	<=30	Pass
16QAM	1710.7	1	0	23.24	-3.09	20.15	<=30	Pass
			2	22.76	-3.09	19.67	<=30	Pass
			5	22.66	-3.09	19.57	<=30	Pass
		3	0	23.06	-3.09	19.97	<=30	Pass
			2	22.58	-3.09	19.49	<=30	Pass
			3	22.63	-3.09	19.54	<=30	Pass
		6	0	21.83	-3.09	18.74	<=30	Pass
	1732.5	1	0	22.59	-3.09	19.50	<=30	Pass
			2	23.28	-3.09	20.19	<=30	Pass
			5	22.55	-3.09	19.46	<=30	Pass
		3	0	22.99	-3.09	19.90	<=30	Pass
			2	22.65	-3.09	19.56	<=30	Pass
			3	22.75	-3.09	19.66	<=30	Pass
		6	0	21.57	-3.09	18.48	<=30	Pass
	1754.3	1	0	22.54	-3.09	19.45	<=30	Pass
			2	23.11	-3.09	20.02	<=30	Pass
			5	23.19	-3.09	20.10	<=30	Pass
		3	0	23.14	-3.09	20.05	<=30	Pass
			2	23.19	-3.09	20.10	<=30	Pass
			3	22.75	-3.09	19.66	<=30	Pass
		6	0	22.01	-3.09	18.92	<=30	Pass
64QAM	1710.7	1	0	22.75	-3.09	19.66	<=30	Pass
			2	22.82	-3.09	19.73	<=30	Pass
			5	22.79	-3.09	19.70	<=30	Pass
		3	0	22.74	-3.09	19.65	<=30	Pass
			2	22.69	-3.09	19.60	<=30	Pass
			3	22.66	-3.09	19.57	<=30	Pass
		6	0	21.89	-3.09	18.80	<=30	Pass

	1732.5	1	0	22.34	-3.09	19.25	<=30	Pass
			2	22.90	-3.09	19.81	<=30	Pass
			5	22.67	-3.09	19.58	<=30	Pass
		3	0	22.81	-3.09	19.72	<=30	Pass
			2	22.81	-3.09	19.72	<=30	Pass
			3	22.84	-3.09	19.75	<=30	Pass
		6	0	21.58	-3.09	18.49	<=30	Pass
	1754.3	1	0	22.97	-3.09	19.88	<=30	Pass
			2	22.60	-3.09	19.51	<=30	Pass
			5	22.87	-3.09	19.78	<=30	Pass
		3	0	22.72	-3.09	19.63	<=30	Pass
			2	22.68	-3.09	19.59	<=30	Pass
			3	22.99	-3.09	19.90	<=30	Pass
		6	0	21.87	-3.09	18.78	<=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	23.44	-3.09	20.35	<=30	Pass
			7	23.96	-3.09	20.87	<=30	Pass
			14	23.56	-3.09	20.47	<=30	Pass
		8	0	22.84	-3.09	19.75	<=30	Pass
			4	22.88	-3.09	19.79	<=30	Pass
			7	22.88	-3.09	19.79	<=30	Pass
		15	0	22.96	-3.09	19.87	<=30	Pass
	1732.5	1	0	23.33	-3.09	20.24	<=30	Pass
			7	23.83	-3.09	20.74	<=30	Pass
			14	23.47	-3.09	20.38	<=30	Pass
		8	0	22.63	-3.09	19.54	<=30	Pass
			4	22.86	-3.09	19.77	<=30	Pass
			7	22.80	-3.09	19.71	<=30	Pass
		15	0	22.74	-3.09	19.65	<=30	Pass
	1753.5	1	0	23.48	-3.09	20.39	<=30	Pass
			7	24.04	-3.09	20.95	<=30	Pass
			14	24.00	-3.09	20.91	<=30	Pass
		8	0	23.03	-3.09	19.94	<=30	Pass
			4	23.04	-3.09	19.95	<=30	Pass
			7	23.00	-3.09	19.91	<=30	Pass
		15	0	22.91	-3.09	19.82	<=30	Pass
16QAM	1711.5	1	0	22.81	-3.09	19.72	<=30	Pass
			7	23.38	-3.09	20.29	<=30	Pass
			14	23.16	-3.09	20.07	<=30	Pass
		8	0	22.04	-3.09	18.95	<=30	Pass
			4	22.13	-3.09	19.04	<=30	Pass
			7	21.99	-3.09	18.90	<=30	Pass
		15	0	21.95	-3.09	18.86	<=30	Pass
	1732.5	1	0	22.94	-3.09	19.85	<=30	Pass
			7	22.52	-3.09	19.43	<=30	Pass
			14	22.66	-3.09	19.57	<=30	Pass
		8	0	21.93	-3.09	18.84	<=30	Pass
			4	21.53	-3.09	18.44	<=30	Pass
			7	21.96	-3.09	18.87	<=30	Pass
		15	0	21.76	-3.09	18.67	<=30	Pass
	1753.5	1	0	22.82	-3.09	19.73	<=30	Pass

			7	23.04	-3.09	19.95	<=30	Pass		
			14	22.91	-3.09	19.82	<=30	Pass		
			0	22.15	-3.09	19.06	<=30	Pass		
		8	4	22.06	-3.09	18.97	<=30	Pass		
			7	22.13	-3.09	19.04	<=30	Pass		
		15	0	22.04	-3.09	18.95	<=30	Pass		
		64QAM	1711.5	1	0	22.80	-3.09	19.71	<=30	Pass
					7	22.72	-3.09	19.63	<=30	Pass
					14	22.43	-3.09	19.34	<=30	Pass
8	0			21.82	-3.09	18.73	<=30	Pass		
	4			21.92	-3.09	18.83	<=30	Pass		
	7			21.85	-3.09	18.76	<=30	Pass		
15	0			21.90	-3.09	18.81	<=30	Pass		
1732.5	1			0	22.51	-3.09	19.42	<=30	Pass	
				7	22.77	-3.09	19.68	<=30	Pass	
			14	22.67	-3.09	19.58	<=30	Pass		
	8		0	21.56	-3.09	18.47	<=30	Pass		
			4	21.82	-3.09	18.73	<=30	Pass		
			7	21.87	-3.09	18.78	<=30	Pass		
	15		0	21.75	-3.09	18.66	<=30	Pass		
	1753.5		1	0	22.92	-3.09	19.83	<=30	Pass	
				7	22.72	-3.09	19.63	<=30	Pass	
14				23.03	-3.09	19.94	<=30	Pass		
8			0	22.05	-3.09	18.96	<=30	Pass		
			4	22.06	-3.09	18.97	<=30	Pass		
			7	22.01	-3.09	18.92	<=30	Pass		
15			0	22.00	-3.09	18.91	<=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	23.31	-3.09	20.22	<=30	Pass
			13	23.45	-3.09	20.36	<=30	Pass
			24	23.91	-3.09	20.82	<=30	Pass
		12	0	22.86	-3.09	19.77	<=30	Pass
			6	22.97	-3.09	19.88	<=30	Pass
			13	22.85	-3.09	19.76	<=30	Pass
		25	0	22.89	-3.09	19.80	<=30	Pass
	1732.5	1	0	23.76	-3.09	20.67	<=30	Pass
			13	23.46	-3.09	20.37	<=30	Pass
			24	23.30	-3.09	20.21	<=30	Pass
		12	0	22.63	-3.09	19.54	<=30	Pass
			6	22.82	-3.09	19.73	<=30	Pass
			13	22.82	-3.09	19.73	<=30	Pass
		25	0	22.75	-3.09	19.66	<=30	Pass
	1752.5	1	0	23.88	-3.09	20.79	<=30	Pass
			13	23.96	-3.09	20.87	<=30	Pass
			24	23.96	-3.09	20.87	<=30	Pass
		12	0	22.83	-3.09	19.74	<=30	Pass
			6	22.91	-3.09	19.82	<=30	Pass
			13	23.01	-3.09	19.92	<=30	Pass
		25	0	22.84	-3.09	19.75	<=30	Pass
16QAM	1712.5	1	0	22.99	-3.09	19.90	<=30	Pass
			13	23.20	-3.09	20.11	<=30	Pass

			24	22.95	-3.09	19.86	<=30	Pass	
			12	0	21.87	-3.09	18.78	<=30	Pass
				6	21.94	-3.09	18.85	<=30	Pass
				13	21.94	-3.09	18.85	<=30	Pass
		25	0	21.85	-3.09	18.76	<=30	Pass	
		1732.5	1	0	21.98	-3.09	18.89	<=30	Pass
				13	22.60	-3.09	19.51	<=30	Pass
				24	22.85	-3.09	19.76	<=30	Pass
	12		0	21.52	-3.09	18.43	<=30	Pass	
			6	21.78	-3.09	18.69	<=30	Pass	
			13	21.78	-3.09	18.69	<=30	Pass	
	25		0	21.56	-3.09	18.47	<=30	Pass	
	1752.5	1	0	23.28	-3.09	20.19	<=30	Pass	
			13	23.24	-3.09	20.15	<=30	Pass	
			24	22.98	-3.09	19.89	<=30	Pass	
		12	0	21.86	-3.09	18.77	<=30	Pass	
			6	21.97	-3.09	18.88	<=30	Pass	
			13	22.00	-3.09	18.91	<=30	Pass	
		25	0	21.83	-3.09	18.74	<=30	Pass	

64QAM	1712.5	1	0	22.74	-3.09	19.65	<=30	Pass
			13	22.42	-3.09	19.33	<=30	Pass
			24	22.68	-3.09	19.59	<=30	Pass
		12	0	21.84	-3.09	18.75	<=30	Pass
			6	21.85	-3.09	18.76	<=30	Pass
			13	21.92	-3.09	18.83	<=30	Pass
		25	0	21.87	-3.09	18.78	<=30	Pass
		1732.5	1	0	22.14	-3.09	19.05	<=30
	13			22.87	-3.09	19.78	<=30	Pass
	24			22.81	-3.09	19.72	<=30	Pass
	12		0	21.49	-3.09	18.40	<=30	Pass
			6	21.82	-3.09	18.73	<=30	Pass
			13	21.78	-3.09	18.69	<=30	Pass
	25		0	21.74	-3.09	18.65	<=30	Pass
	1752.5		1	0	22.68	-3.09	19.59	<=30
		13		22.42	-3.09	19.33	<=30	Pass
		24		22.98	-3.09	19.89	<=30	Pass
		12	0	21.88	-3.09	18.79	<=30	Pass
			6	22.01	-3.09	18.92	<=30	Pass
			13	22.02	-3.09	18.93	<=30	Pass
		25	0	21.97	-3.09	18.88	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain								
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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	23.27	-3.09	20.18	<=30	Pass
			25	23.91	-3.09	20.82	<=30	Pass
			49	23.51	-3.09	20.42	<=30	Pass
		25	0	22.79	-3.09	19.70	<=30	Pass
			13	22.74	-3.09	19.65	<=30	Pass
			25	22.73	-3.09	19.64	<=30	Pass
		50	0	22.74	-3.09	19.65	<=30	Pass
	1732.5	1	0	23.30	-3.09	20.21	<=30	Pass
			25	23.33	-3.09	20.24	<=30	Pass
			49	23.70	-3.09	20.61	<=30	Pass

		25	0	22.67	-3.09	19.58	<=30	Pass
			13	22.80	-3.09	19.71	<=30	Pass
			25	22.82	-3.09	19.73	<=30	Pass
		50	0	22.82	-3.09	19.73	<=30	Pass
	1750	1	0	23.72	-3.09	20.63	<=30	Pass
			25	23.80	-3.09	20.71	<=30	Pass
			49	23.81	-3.09	20.72	<=30	Pass
		25	0	22.92	-3.09	19.83	<=30	Pass
			13	22.90	-3.09	19.81	<=30	Pass
			25	23.00	-3.09	19.91	<=30	Pass
50		0	22.88	-3.09	19.79	<=30	Pass	
16QAM	1715	1	0	22.66	-3.09	19.57	<=30	Pass
			25	22.95	-3.09	19.86	<=30	Pass
			49	22.74	-3.09	19.65	<=30	Pass
		25	0	21.76	-3.09	18.67	<=30	Pass
			13	21.79	-3.09	18.70	<=30	Pass
			25	21.69	-3.09	18.60	<=30	Pass
		50	0	21.70	-3.09	18.61	<=30	Pass
	1732.5	1	0	22.58	-3.09	19.49	<=30	Pass
			25	22.74	-3.09	19.65	<=30	Pass
			49	22.78	-3.09	19.69	<=30	Pass
		25	0	21.72	-3.09	18.63	<=30	Pass
			13	21.76	-3.09	18.67	<=30	Pass
			25	21.88	-3.09	18.79	<=30	Pass
		50	0	21.80	-3.09	18.71	<=30	Pass
	1750	1	0	22.85	-3.09	19.76	<=30	Pass
			25	23.08	-3.09	19.99	<=30	Pass
			49	22.92	-3.09	19.83	<=30	Pass
		25	0	21.95	-3.09	18.86	<=30	Pass
			13	21.96	-3.09	18.87	<=30	Pass
			25	21.97	-3.09	18.88	<=30	Pass
		50	0	21.90	-3.09	18.81	<=30	Pass
64QAM	1715	1	0	22.47	-3.09	19.38	<=30	Pass
			25	22.74	-3.09	19.65	<=30	Pass
			49	22.66	-3.09	19.57	<=30	Pass
		25	0	21.84	-3.09	18.75	<=30	Pass
			13	21.80	-3.09	18.71	<=30	Pass
			25	21.76	-3.09	18.67	<=30	Pass
	50	0	21.72	-3.09	18.63	<=30	Pass	
	1732.5	1	0	22.58	-3.09	19.49	<=30	Pass
			25	22.62	-3.09	19.53	<=30	Pass
			49	22.88	-3.09	19.79	<=30	Pass
		25	0	21.52	-3.09	18.43	<=30	Pass
			13	21.86	-3.09	18.77	<=30	Pass
			25	21.75	-3.09	18.66	<=30	Pass
	50	0	21.72	-3.09	18.63	<=30	Pass	
	1750	1	0	22.59	-3.09	19.50	<=30	Pass
			25	22.89	-3.09	19.80	<=30	Pass
			49	22.95	-3.09	19.86	<=30	Pass
25		0	21.77	-3.09	18.68	<=30	Pass	
		13	21.90	-3.09	18.81	<=30	Pass	
		25	21.96	-3.09	18.87	<=30	Pass	
50		0	21.79	-3.09	18.70	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.60	-3.09	20.51	<=30	Pass
			38	23.69	-3.09	20.60	<=30	Pass
			74	24.10	-3.09	21.01	<=30	Pass
		36	0	22.60	-3.09	19.51	<=30	Pass
			18	22.72	-3.09	19.63	<=30	Pass
			39	22.70	-3.09	19.61	<=30	Pass
		75	0	22.71	-3.09	19.62	<=30	Pass
	1732.5	1	0	23.55	-3.09	20.46	<=30	Pass
			38	23.70	-3.09	20.61	<=30	Pass
			74	23.71	-3.09	20.62	<=30	Pass
		36	0	22.60	-3.09	19.51	<=30	Pass
			18	22.68	-3.09	19.59	<=30	Pass
			39	22.83	-3.09	19.74	<=30	Pass
		75	0	22.72	-3.09	19.63	<=30	Pass
	1747.5	1	0	23.38	-3.09	20.29	<=30	Pass
			38	23.85	-3.09	20.76	<=30	Pass
			74	24.31	-3.09	21.22	<=30	Pass
		36	0	22.74	-3.09	19.65	<=30	Pass
			18	22.91	-3.09	19.82	<=30	Pass
			39	22.89	-3.09	19.80	<=30	Pass
		75	0	22.92	-3.09	19.83	<=30	Pass
16QAM	1717.5	1	0	22.95	-3.09	19.86	<=30	Pass
			38	22.68	-3.09	19.59	<=30	Pass
			74	22.67	-3.09	19.58	<=30	Pass
		36	0	21.59	-3.09	18.50	<=30	Pass
			18	21.56	-3.09	18.47	<=30	Pass
			39	21.70	-3.09	18.61	<=30	Pass
		75	0	21.74	-3.09	18.65	<=30	Pass
	1732.5	1	0	22.48	-3.09	19.39	<=30	Pass
			38	22.77	-3.09	19.68	<=30	Pass
			74	23.01	-3.09	19.92	<=30	Pass
		36	0	21.68	-3.09	18.59	<=30	Pass
			18	21.70	-3.09	18.61	<=30	Pass
			39	21.84	-3.09	18.75	<=30	Pass
		75	0	21.78	-3.09	18.69	<=30	Pass
	1747.5	1	0	22.76	-3.09	19.67	<=30	Pass
			38	22.95	-3.09	19.86	<=30	Pass
			74	22.84	-3.09	19.75	<=30	Pass
		36	0	21.80	-3.09	18.71	<=30	Pass
			18	21.89	-3.09	18.80	<=30	Pass
			39	21.95	-3.09	18.86	<=30	Pass
		75	0	21.91	-3.09	18.82	<=30	Pass
64QAM	1717.5	1	0	22.77	-3.09	19.68	<=30	Pass
			38	22.59	-3.09	19.50	<=30	Pass
			74	22.35	-3.09	19.26	<=30	Pass
		36	0	21.61	-3.09	18.52	<=30	Pass
			18	21.75	-3.09	18.66	<=30	Pass
			39	21.67	-3.09	18.58	<=30	Pass
		75	0	21.57	-3.09	18.48	<=30	Pass
	1732.5	1	0	22.63	-3.09	19.54	<=30	Pass
			38	22.72	-3.09	19.63	<=30	Pass
			74	22.75	-3.09	19.66	<=30	Pass
		36	0	21.62	-3.09	18.53	<=30	Pass
			18	21.70	-3.09	18.61	<=30	Pass
			39	21.71	-3.09	18.62	<=30	Pass
		75	0	21.79	-3.09	18.70	<=30	Pass

	1747.5	1	0	22.82	-3.09	19.73	<=30	Pass
			38	22.72	-3.09	19.63	<=30	Pass
			74	22.62	-3.09	19.53	<=30	Pass
		36	0	21.71	-3.09	18.62	<=30	Pass
			18	21.90	-3.09	18.81	<=30	Pass
			39	21.97	-3.09	18.88	<=30	Pass
		75	0	21.92	-3.09	18.83	<=30	Pass
		Note1: EIRP=Conducted Power+Antenna Gain						

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.59	-3.09	20.50	<=30	Pass
			50	23.37	-3.09	20.28	<=30	Pass
			99	23.74	-3.09	20.65	<=30	Pass
		50	0	22.08	-3.09	18.99	<=30	Pass
			25	22.47	-3.09	19.38	<=30	Pass
			50	22.87	-3.09	19.78	<=30	Pass
		100	0	22.74	-3.09	19.65	<=30	Pass
	1732.5	1	0	23.04	-3.09	19.95	<=30	Pass
			50	23.77	-3.09	20.68	<=30	Pass
			99	23.91	-3.09	20.82	<=30	Pass
		50	0	22.59	-3.09	19.50	<=30	Pass
			25	22.73	-3.09	19.64	<=30	Pass
			50	22.76	-3.09	19.67	<=30	Pass
		100	0	22.70	-3.09	19.61	<=30	Pass
	1745	1	0	23.51	-3.09	20.42	<=30	Pass
			50	23.84	-3.09	20.75	<=30	Pass
			99	23.95	-3.09	20.86	<=30	Pass
		50	0	22.76	-3.09	19.67	<=30	Pass
			25	22.88	-3.09	19.79	<=30	Pass
			50	22.93	-3.09	19.84	<=30	Pass
		100	0	22.84	-3.09	19.75	<=30	Pass
16QAM	1720	1	0	22.62	-3.09	19.53	<=30	Pass
			50	22.63	-3.09	19.54	<=30	Pass
			99	22.87	-3.09	19.78	<=30	Pass
		50	0	21.48	-3.09	18.39	<=30	Pass
			25	21.69	-3.09	18.60	<=30	Pass
			50	21.63	-3.09	18.54	<=30	Pass
		100	0	21.68	-3.09	18.59	<=30	Pass
	1732.5	1	0	22.48	-3.09	19.39	<=30	Pass
			50	22.94	-3.09	19.85	<=30	Pass
			99	22.30	-3.09	19.21	<=30	Pass
		50	0	21.64	-3.09	18.55	<=30	Pass
			25	21.78	-3.09	18.69	<=30	Pass
			50	21.84	-3.09	18.75	<=30	Pass
		100	0	21.73	-3.09	18.64	<=30	Pass
	1745	1	0	22.76	-3.09	19.67	<=30	Pass
			50	23.03	-3.09	19.94	<=30	Pass
			99	22.96	-3.09	19.87	<=30	Pass
		50	0	21.74	-3.09	18.65	<=30	Pass
			25	21.94	-3.09	18.85	<=30	Pass
			50	21.97	-3.09	18.88	<=30	Pass
		100	0	21.84	-3.09	18.75	<=30	Pass
64QAM	1720	1	0	22.31	-3.09	19.22	<=30	Pass

		50	50	22.81	-3.09	19.72	<=30	Pass
			99	22.66	-3.09	19.57	<=30	Pass
			0	21.50	-3.09	18.41	<=30	Pass
			25	21.72	-3.09	18.63	<=30	Pass
			50	21.53	-3.09	18.44	<=30	Pass
	100	0	0	21.71	-3.09	18.62	<=30	Pass
			0	22.56	-3.09	19.47	<=30	Pass
			50	22.95	-3.09	19.86	<=30	Pass
			99	22.75	-3.09	19.66	<=30	Pass
			0	21.27	-3.09	18.18	<=30	Pass
	50	25	25	21.79	-3.09	18.70	<=30	Pass
			50	21.82	-3.09	18.73	<=30	Pass
			0	21.77	-3.09	18.68	<=30	Pass
	1745	1	0	22.48	-3.09	19.39	<=30	Pass
			50	22.61	-3.09	19.52	<=30	Pass
			99	22.60	-3.09	19.51	<=30	Pass
		50	0	21.62	-3.09	18.53	<=30	Pass
			25	21.84	-3.09	18.75	<=30	Pass
			50	22.00	-3.09	18.91	<=30	Pass
		100	0	21.93	-3.09	18.84	<=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	0.700	0.0004	-2.5 to 2.5	Pass
					NV	-1.700	-0.0010	-2.5 to 2.5	Pass
					HV	-0.600	-0.0003	-2.5 to 2.5	Pass
				-30	NV	-0.500	-0.0003	-2.5 to 2.5	Pass
				-20	NV	0.800	0.0005	-2.5 to 2.5	Pass
				-10	NV	0.900	0.0005	-2.5 to 2.5	Pass
				0	NV	1.000	0.0006	-2.5 to 2.5	Pass
				10	NV	1.200	0.0007	-2.5 to 2.5	Pass
				30	NV	1.000	0.0006	-2.5 to 2.5	Pass
				40	NV	2.300	0.0013	-2.5 to 2.5	Pass
				50	NV	0.900	0.0005	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

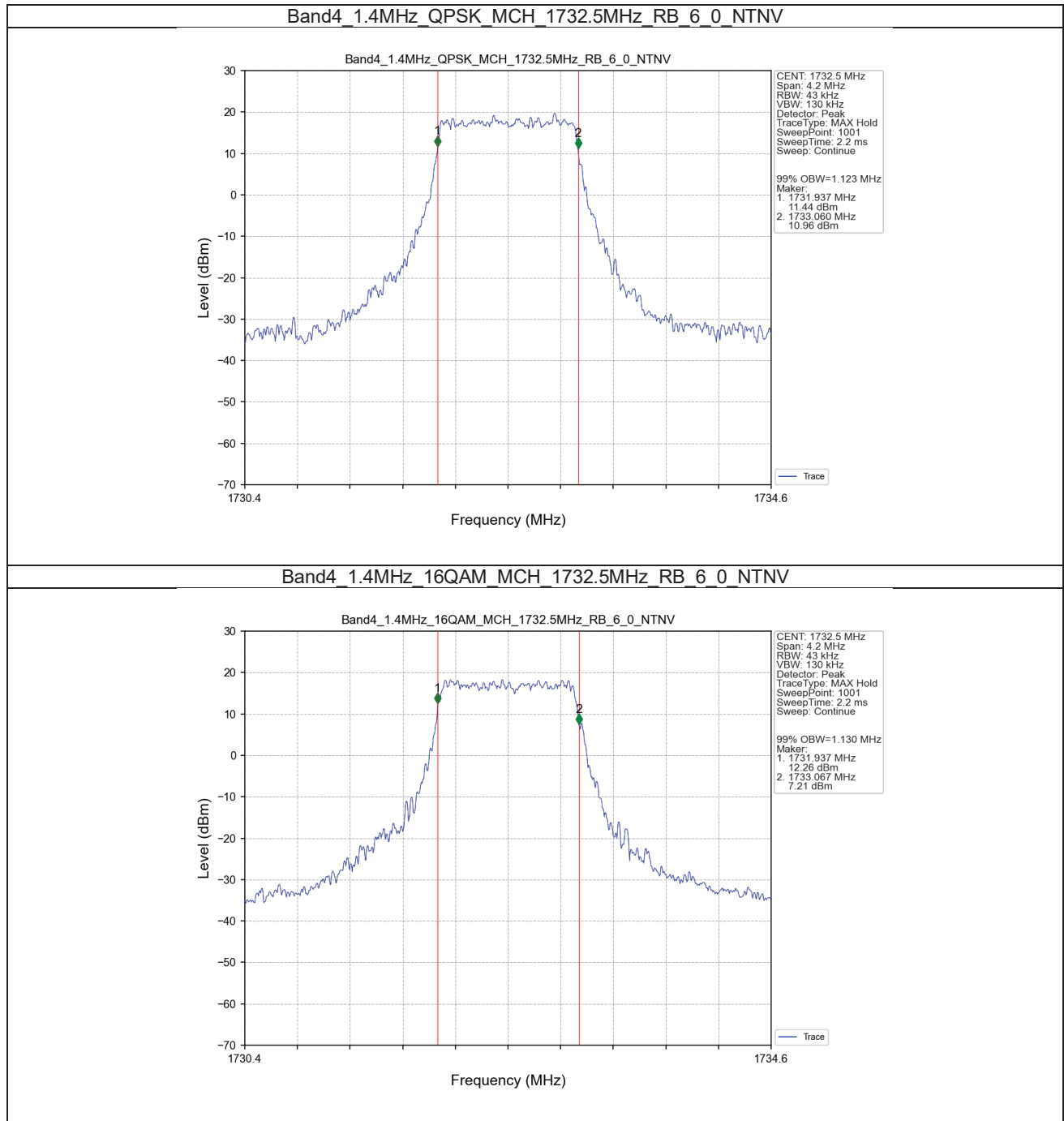
3.1.1 Band4_OBW

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	1.123	/	Pass
	16QAM	1732.5	6	0	1.130	/	Pass
3	QPSK	1732.5	15	0	2.744	/	Pass
	16QAM	1732.5	15	0	2.746	/	Pass
5	QPSK	1732.5	25	0	4.566	/	Pass
	16QAM	1732.5	25	0	4.571	/	Pass
10	QPSK	1732.5	50	0	9.105	/	Pass
	16QAM	1732.5	50	0	9.070	/	Pass
15	QPSK	1732.5	75	0	13.612	/	Pass
	16QAM	1732.5	75	0	13.652	/	Pass
20	QPSK	1732.5	100	0	18.144	/	Pass
	16QAM	1732.5	100	0	18.196	/	Pass

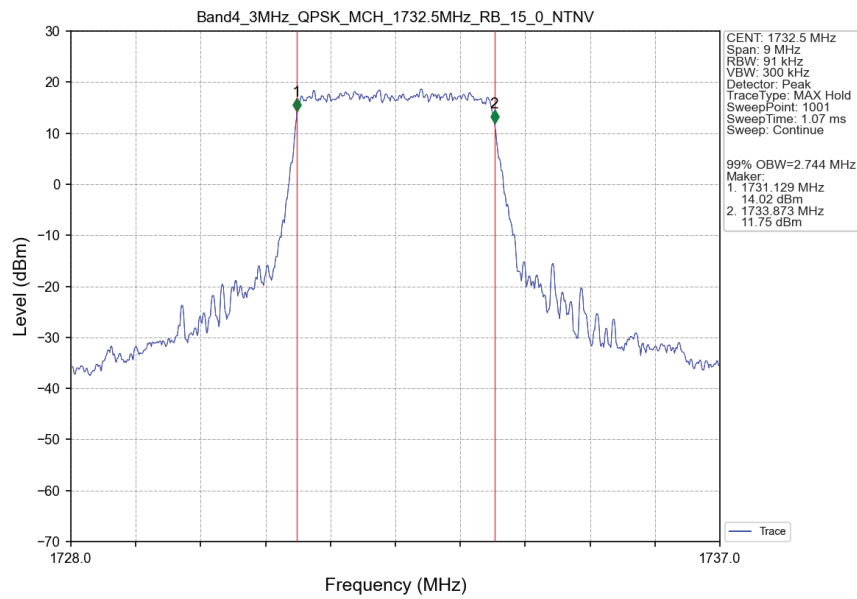
3.1.2 Band4_XDB

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	1.390	/	Pass
	16QAM	1732.5	6	0	1.419	/	Pass
3	QPSK	1732.5	15	0	3.166	/	Pass
	16QAM	1732.5	15	0	3.076	/	Pass
5	QPSK	1732.5	25	0	5.210	/	Pass
	16QAM	1732.5	25	0	5.247	/	Pass
10	QPSK	1732.5	50	0	10.207	/	Pass
	16QAM	1732.5	50	0	10.045	/	Pass
15	QPSK	1732.5	75	0	15.262	/	Pass
	16QAM	1732.5	75	0	15.275	/	Pass
20	QPSK	1732.5	100	0	20.030	/	Pass
	16QAM	1732.5	100	0	20.178	/	Pass

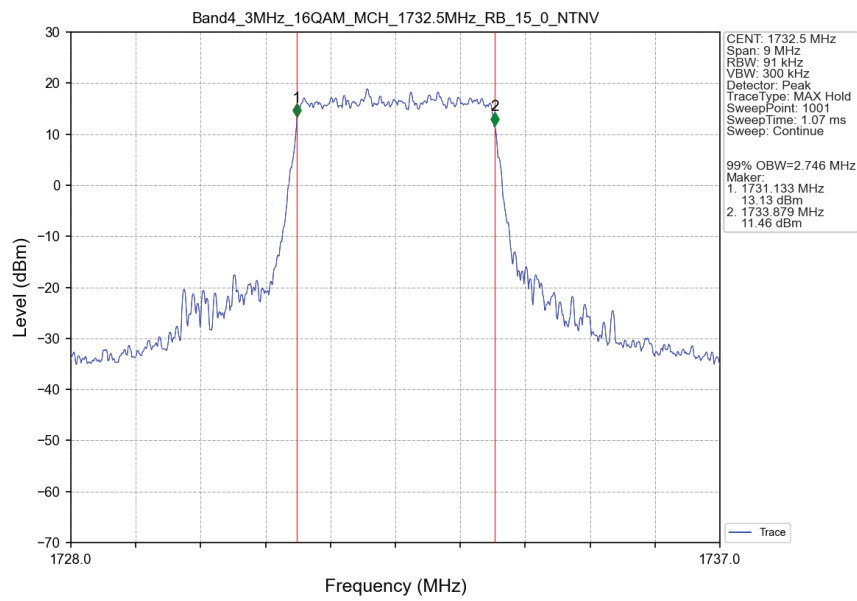
3.2.1 Band4_OBW



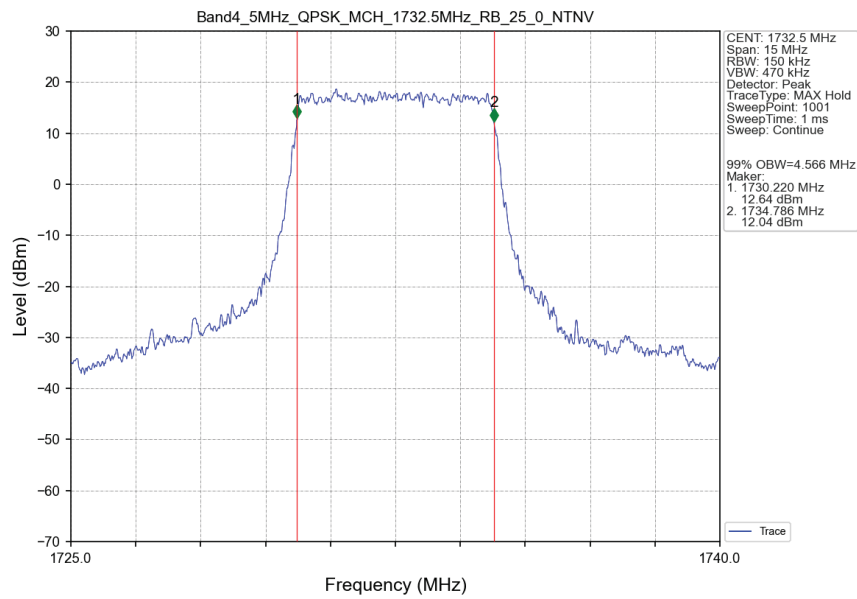
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTN



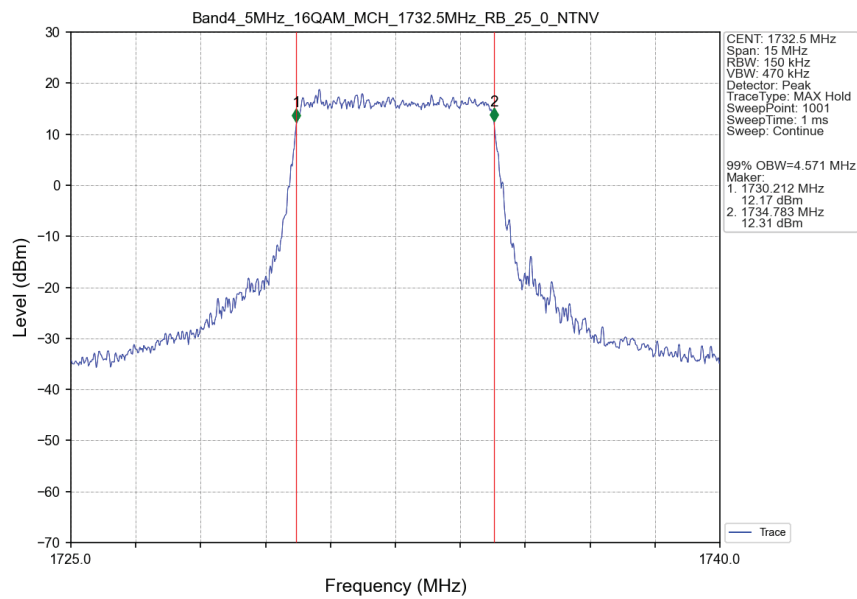
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTN



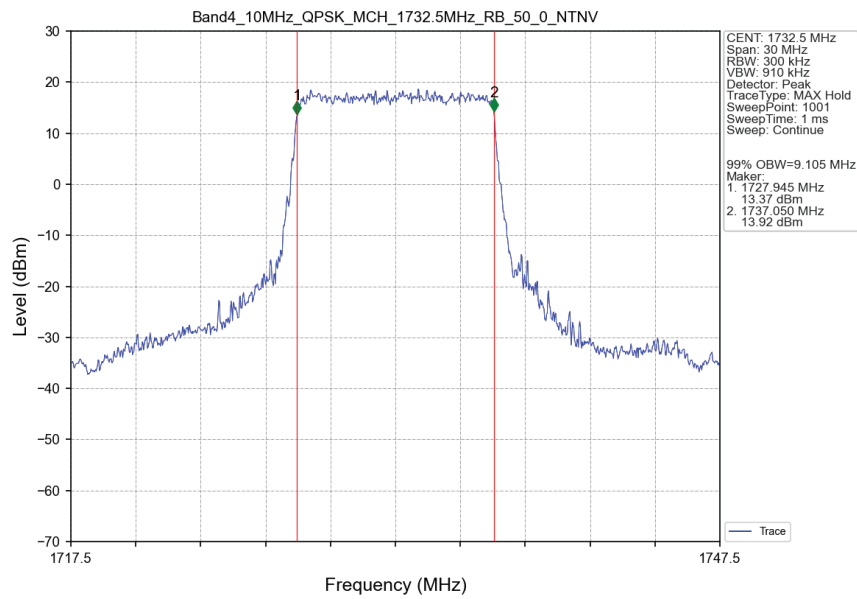
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTN



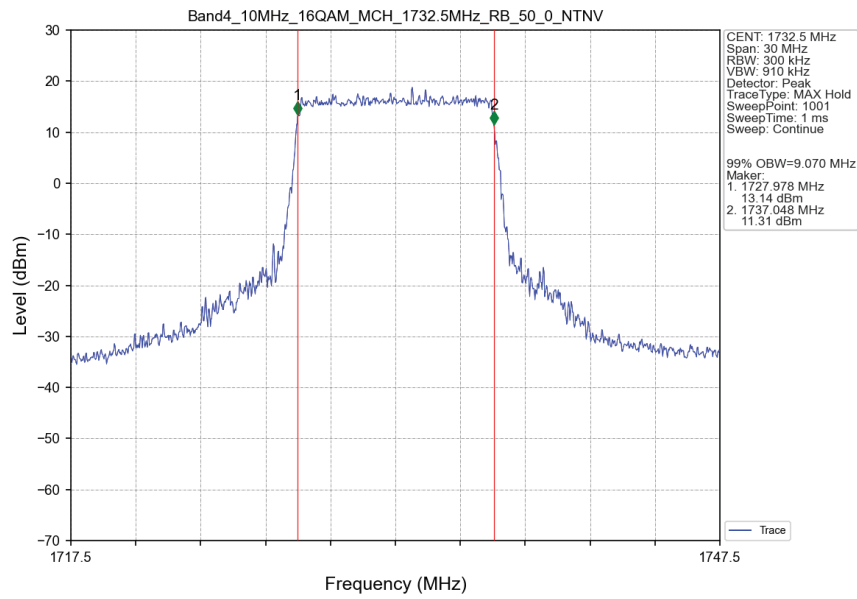
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTN



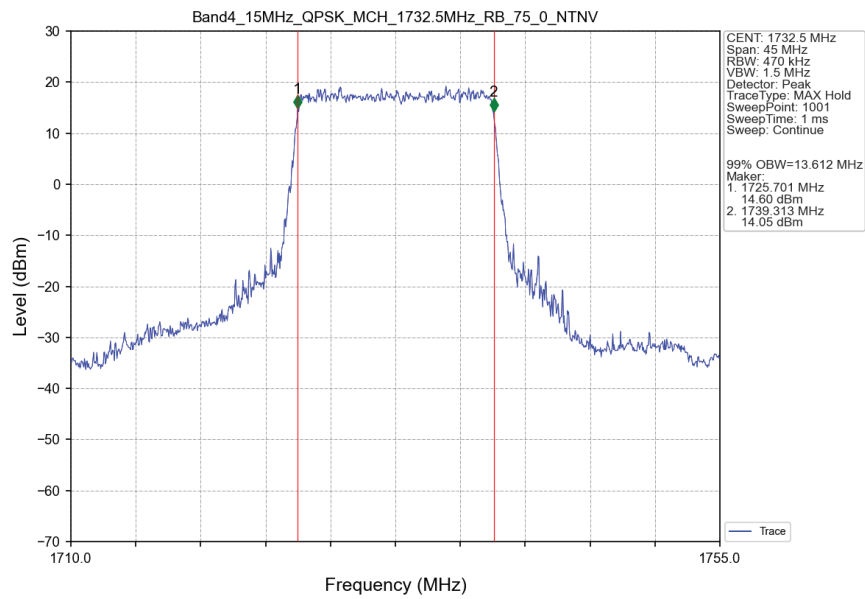
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTV



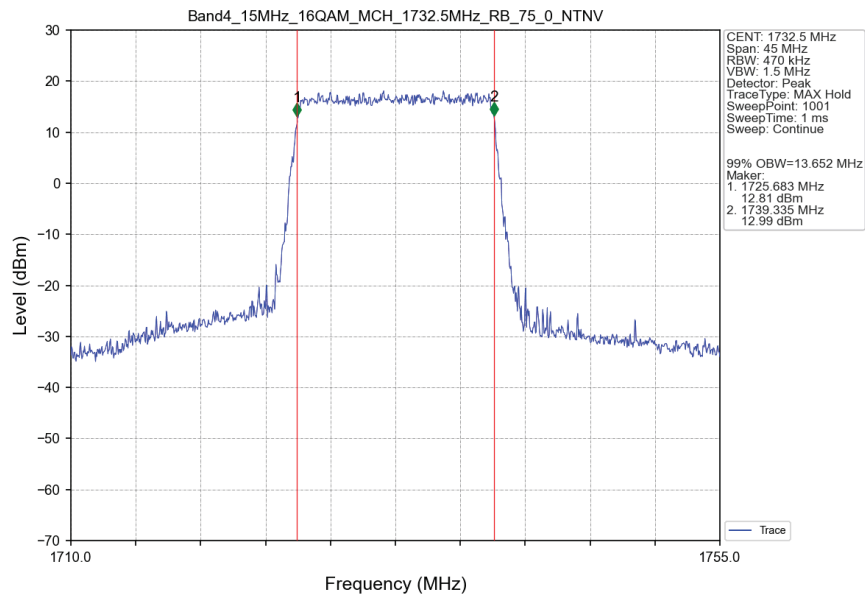
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTV



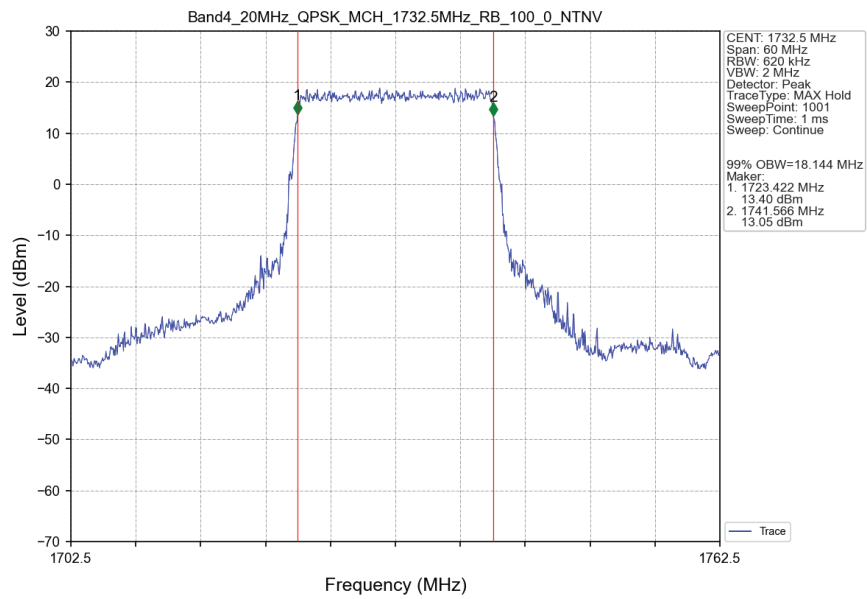
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTN



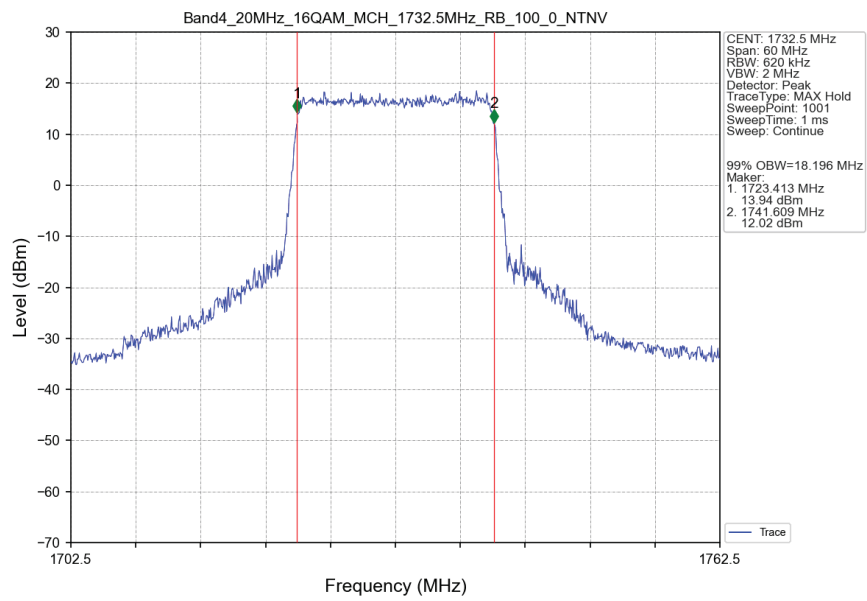
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTN



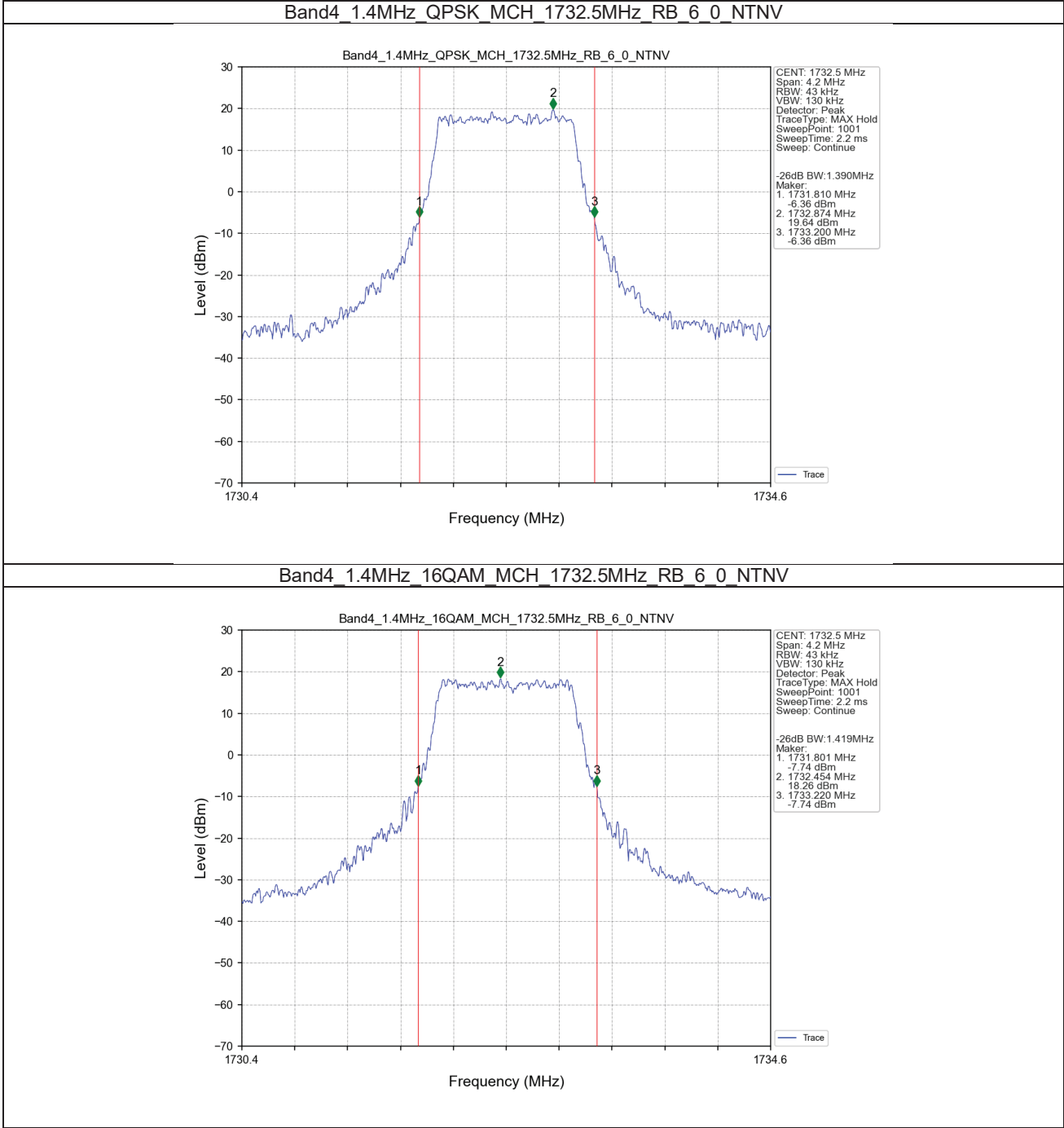
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



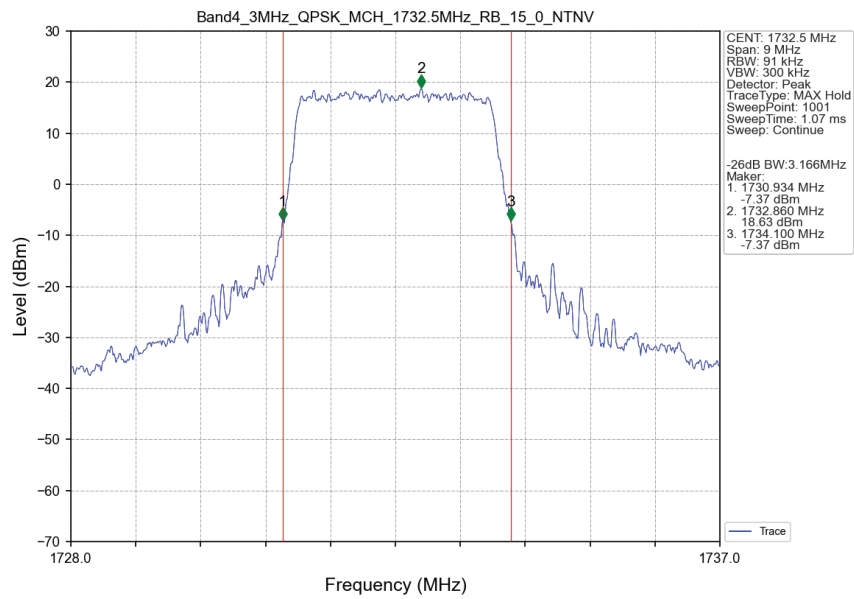
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTN



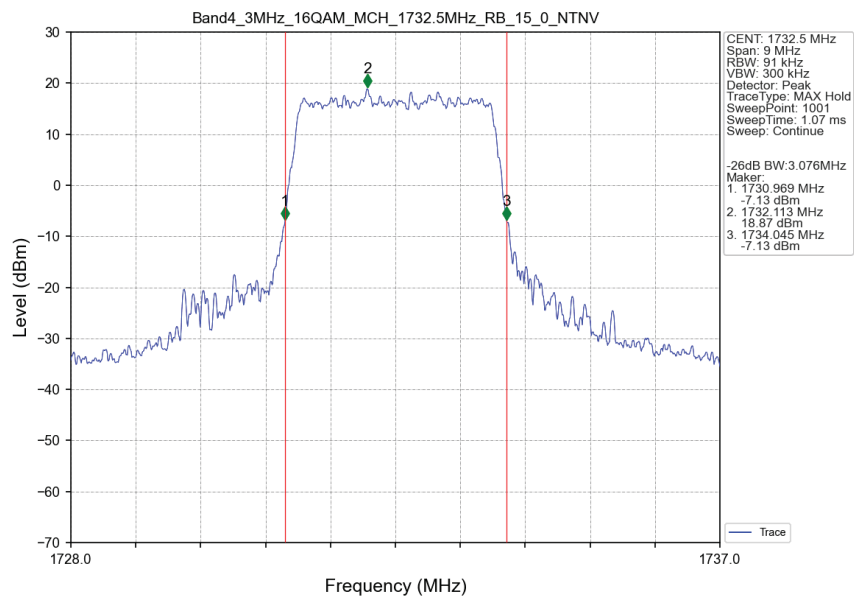
3.2.2 Band4_XDB



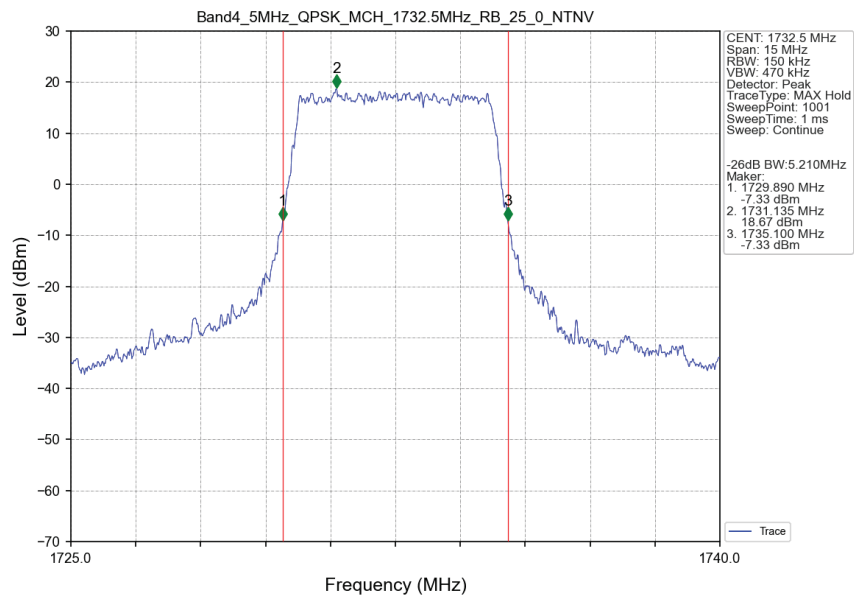
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTN



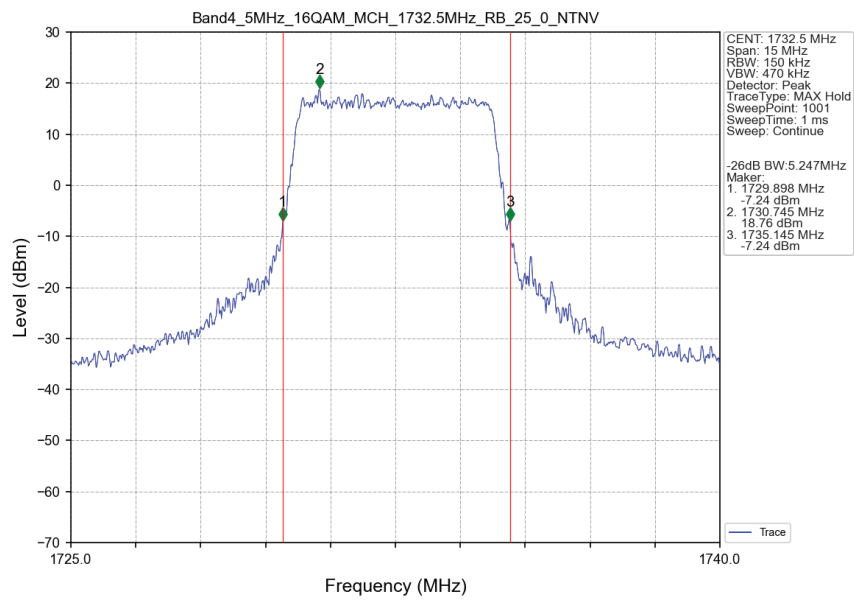
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTN



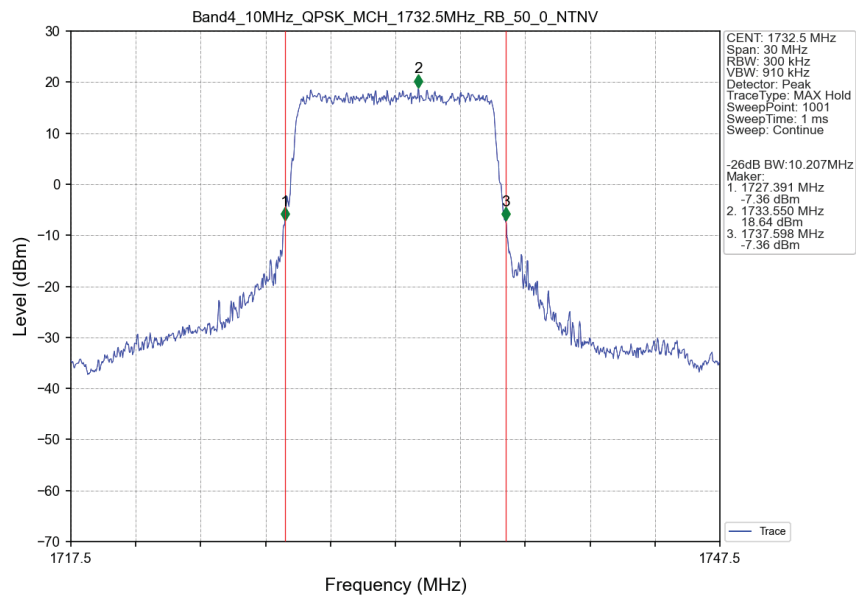
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTN



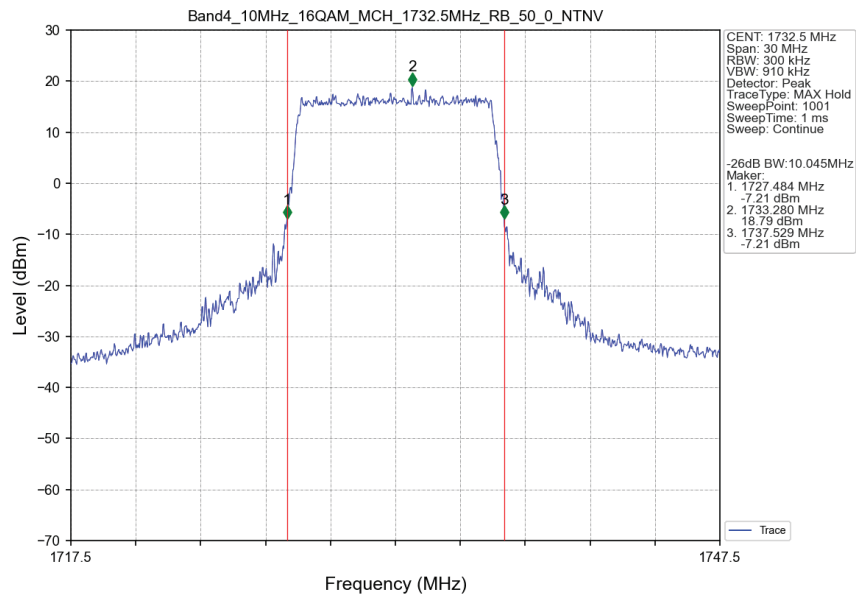
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTN



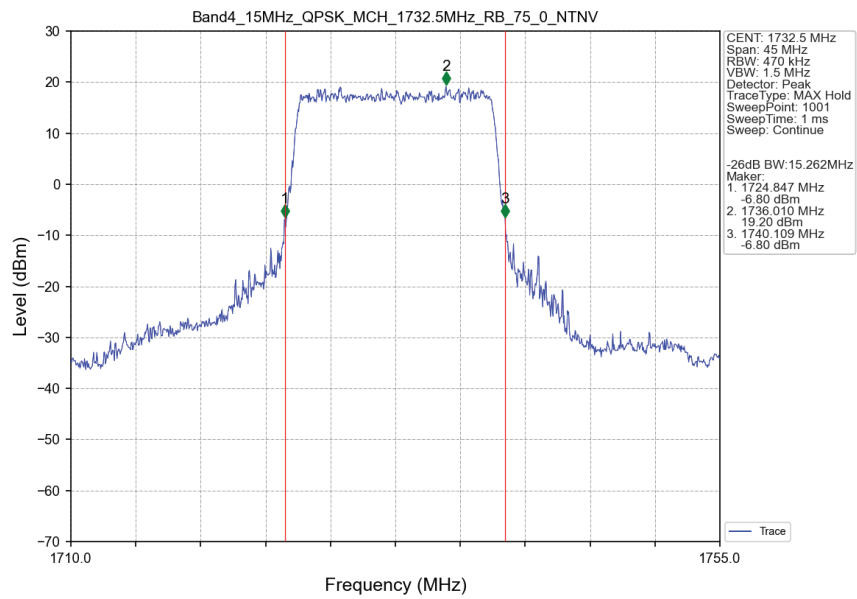
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTNV



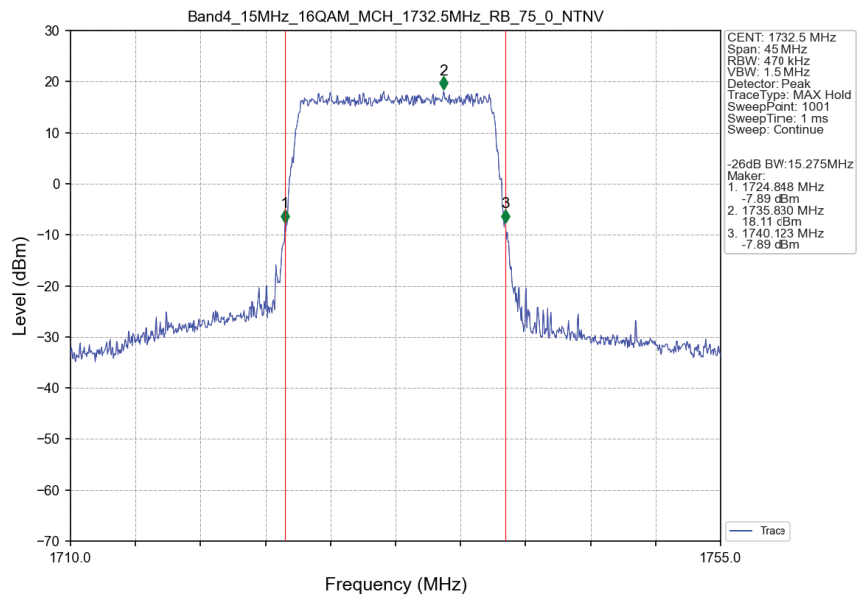
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV



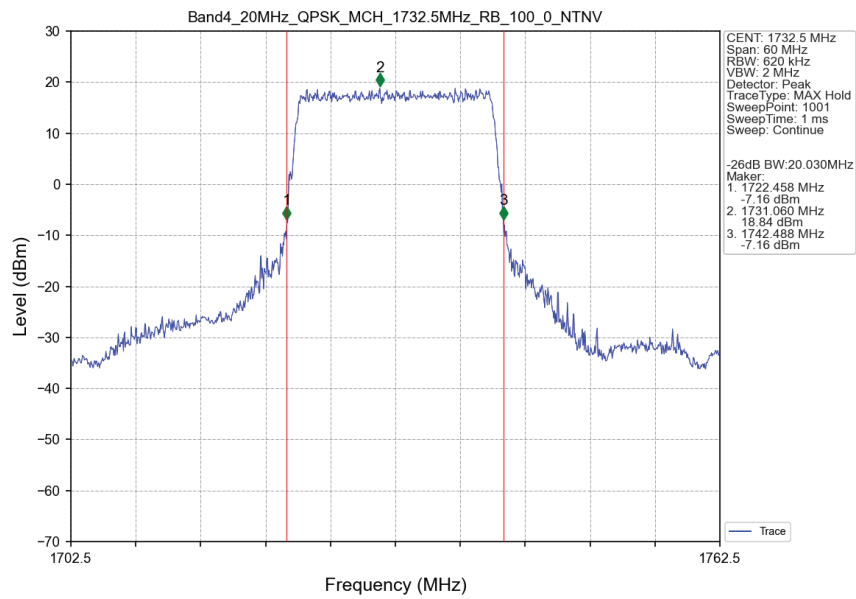
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTNV



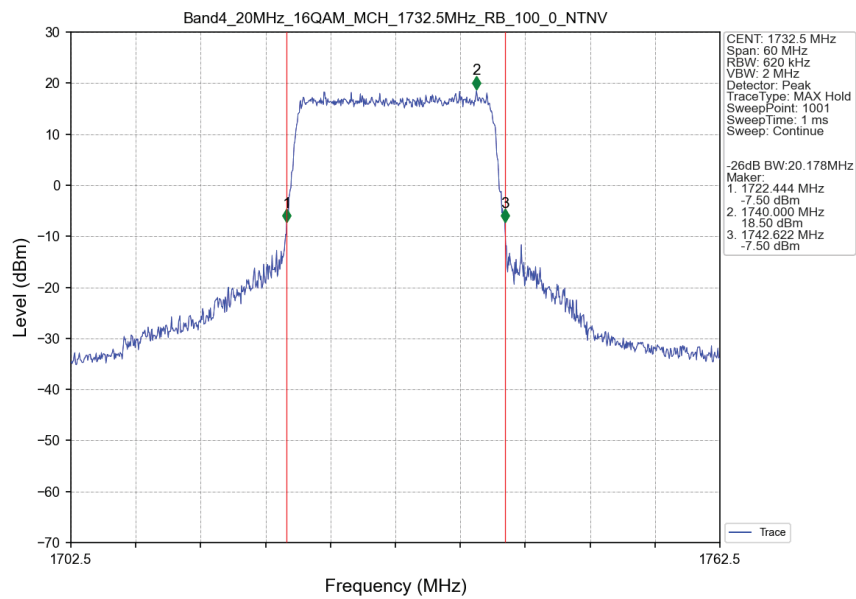
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTN



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



4. Peak-Average Ratio

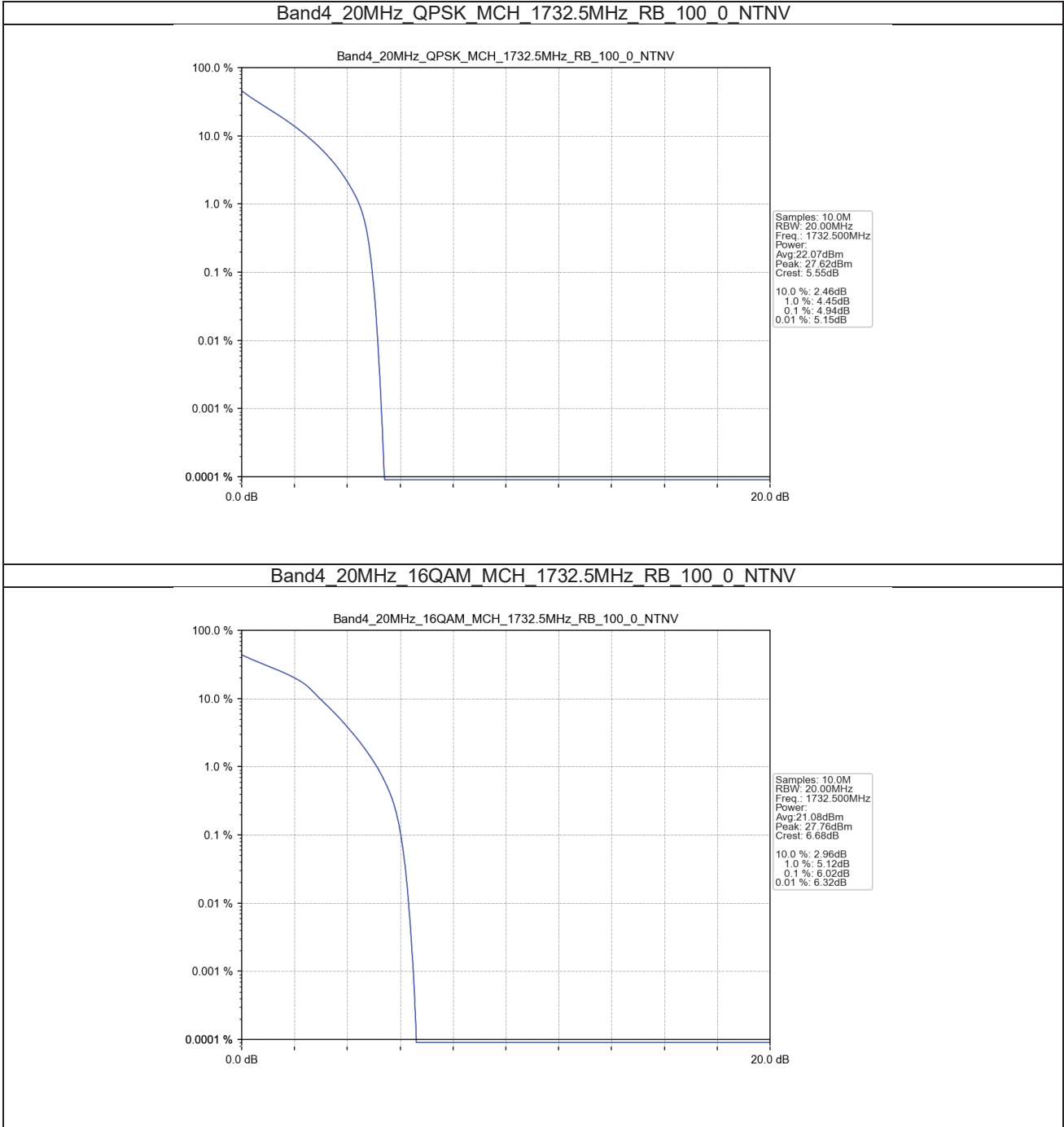
4.1 Test Result

4.1.1 B4_20MHz

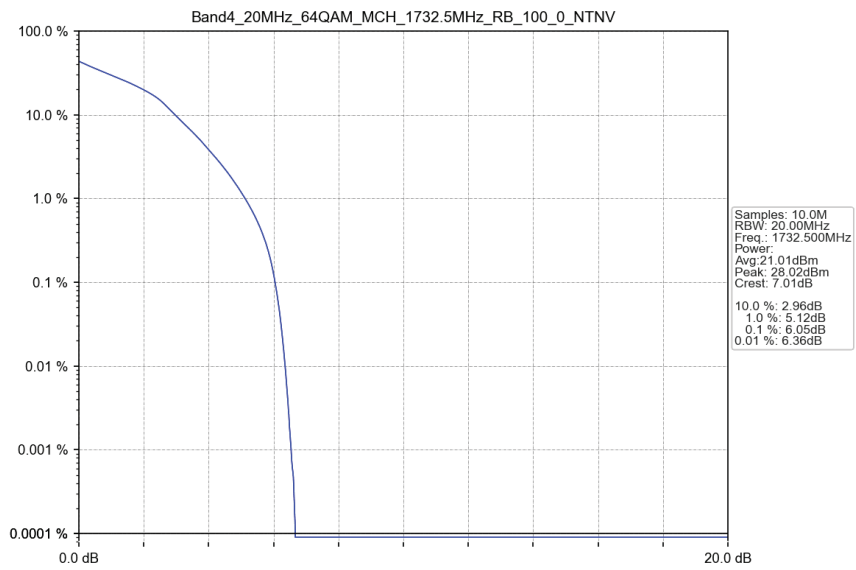
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	4.94	<=13	Pass
16QAM	1732.5	100	0	6.02	<=13	Pass
64QAM	1732.5	100	0	6.05	<=13	Pass

4.2 Test Graph

4.2.1 B4_20MHz



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



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

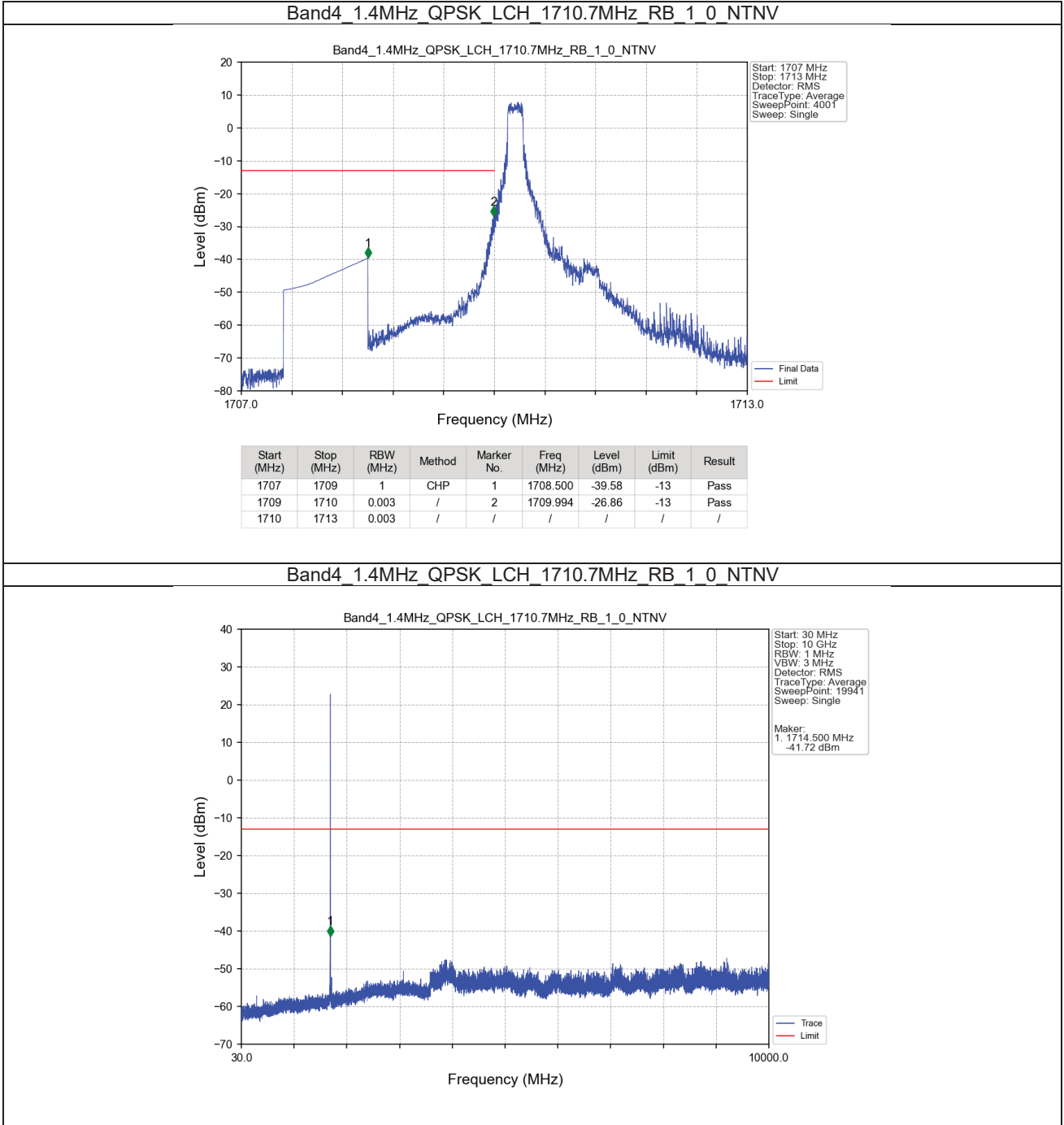
Band: 4 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

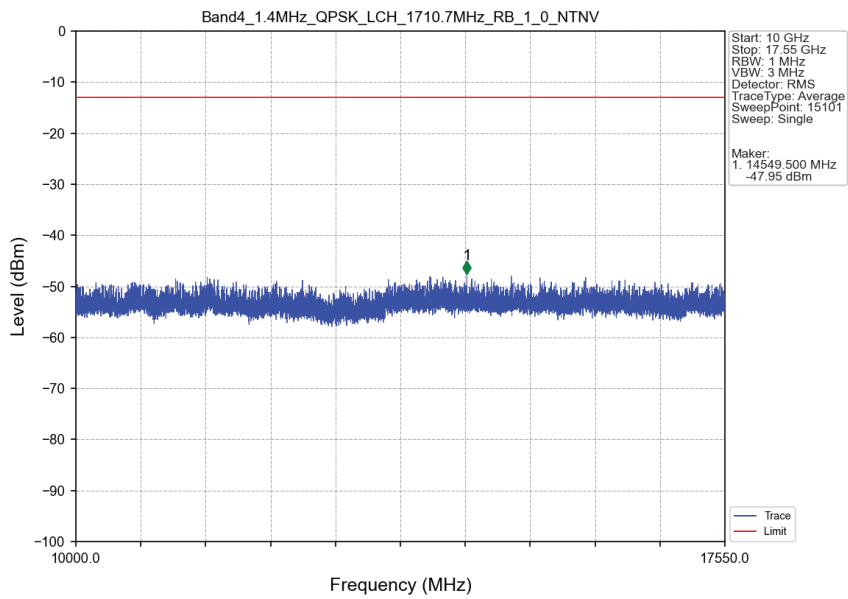
Band: 4 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

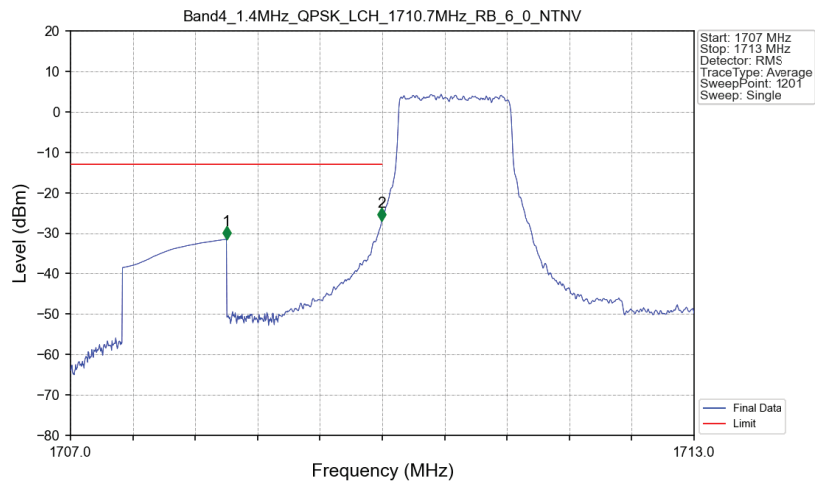
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV

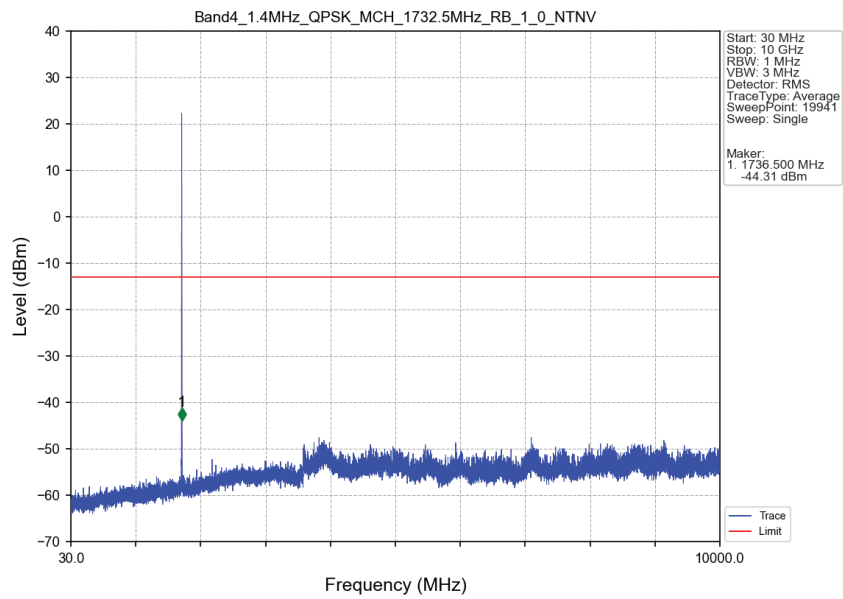


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV

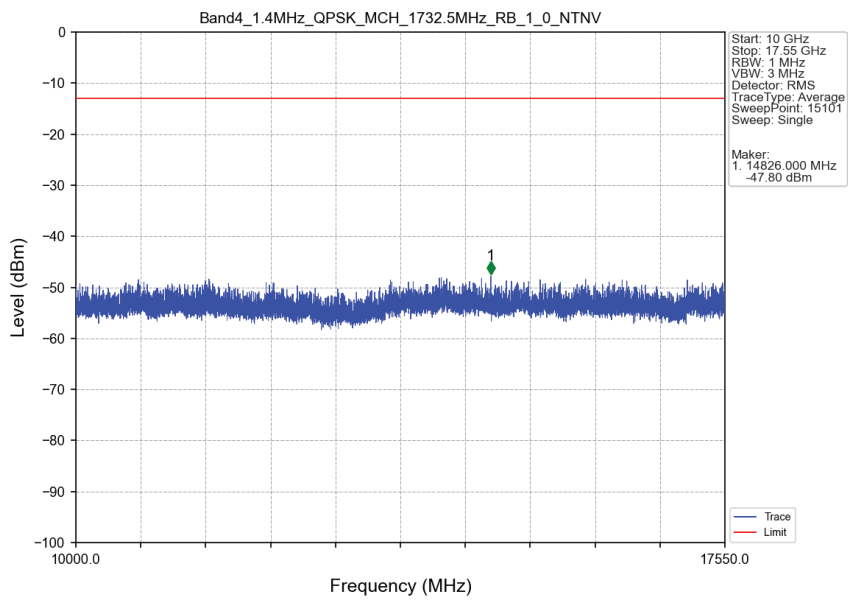


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.53	-13	Pass
1709	1710	0.014	CHP	2	1709.995	-26.90	-13	Pass
1710	1713	0.014	CHP	/	/	/	/	/

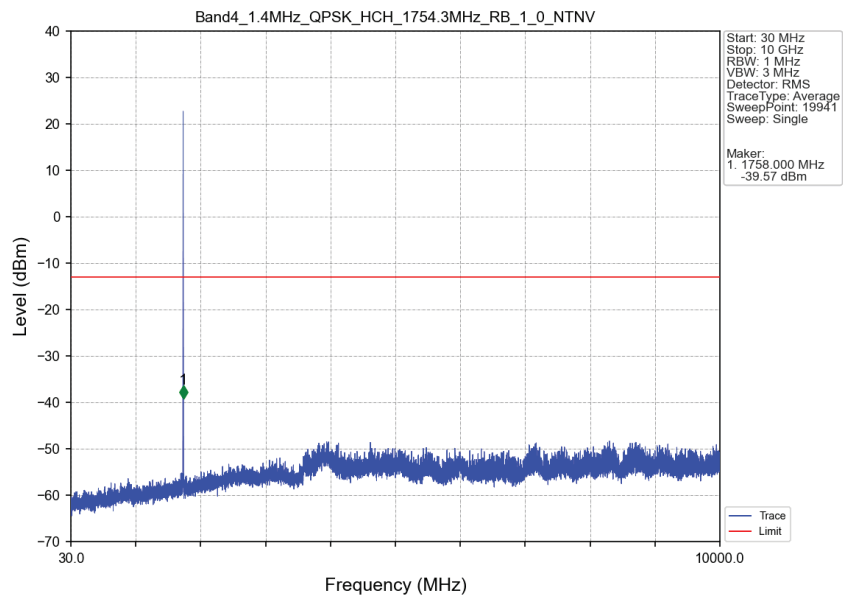
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



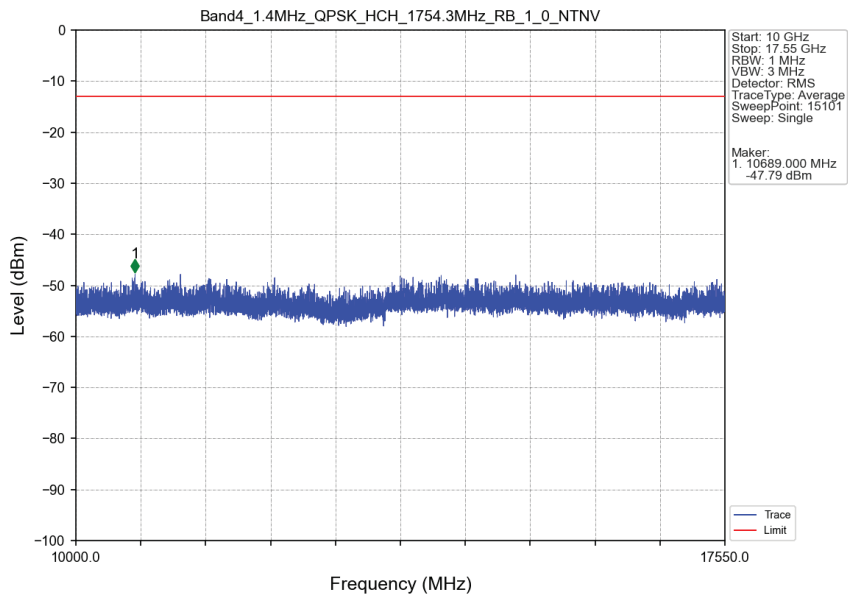
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



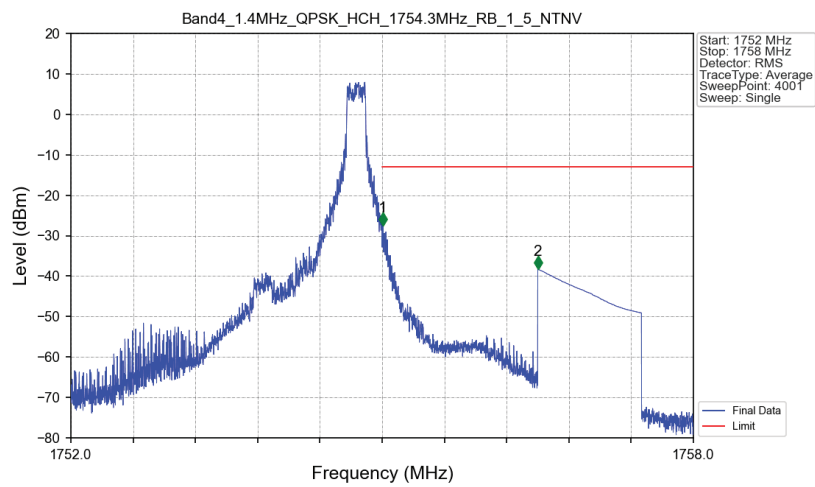
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV

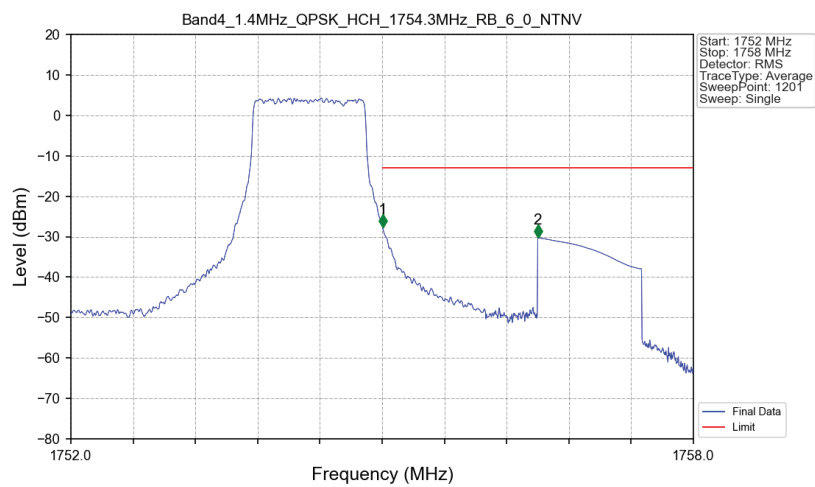


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTN



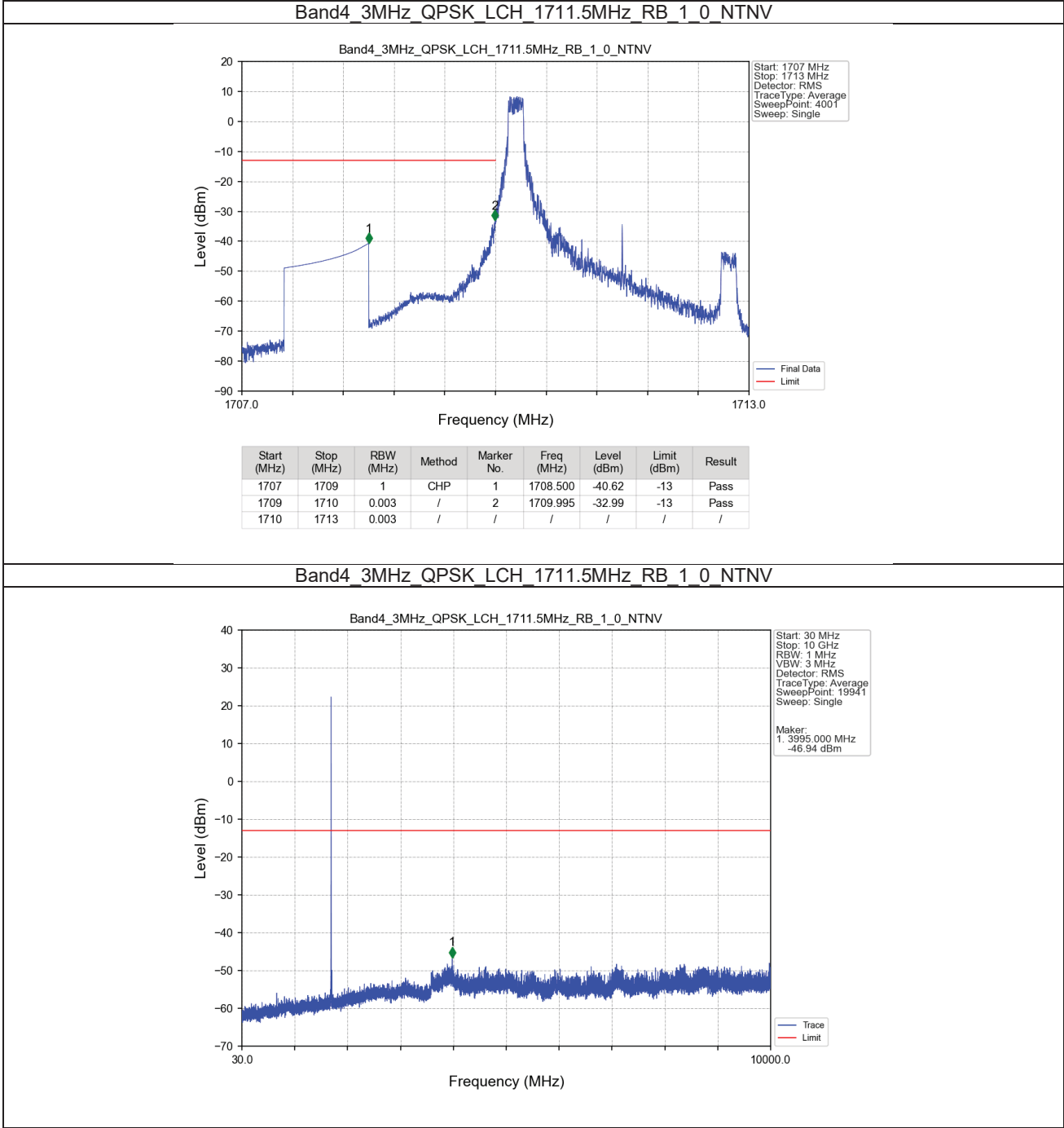
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.007	-27.46	-13	Pass
1756	1758	1	CHP	2	1756.500	-38.19	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTN

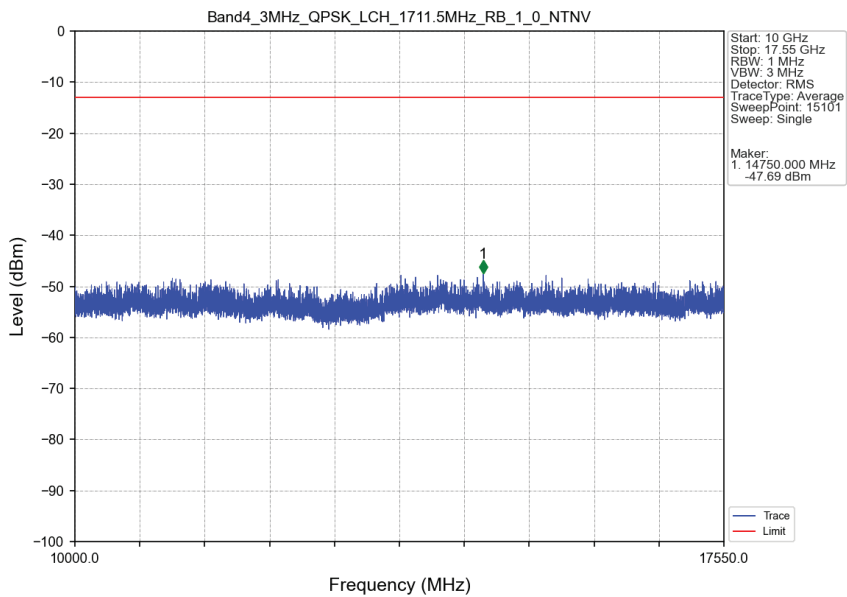


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.014	CHP	/	/	/	/	/
1755	1756	0.014	CHP	1	1755.005	-27.72	-13	Pass
1756	1758	1	CHP	2	1756.500	-30.27	-13	Pass

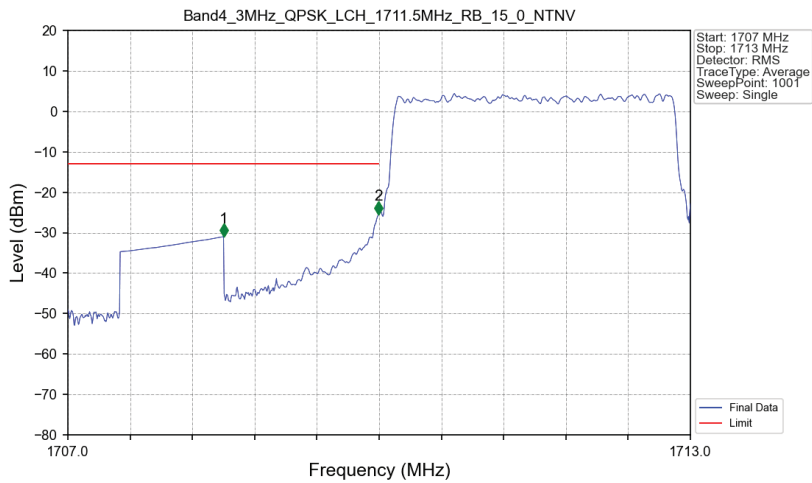
5.2.2 B4_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV

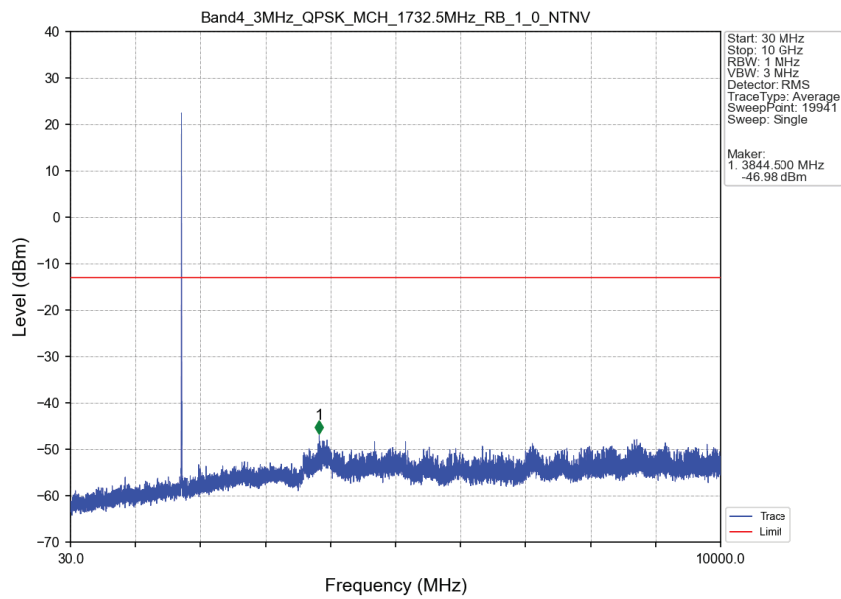


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV

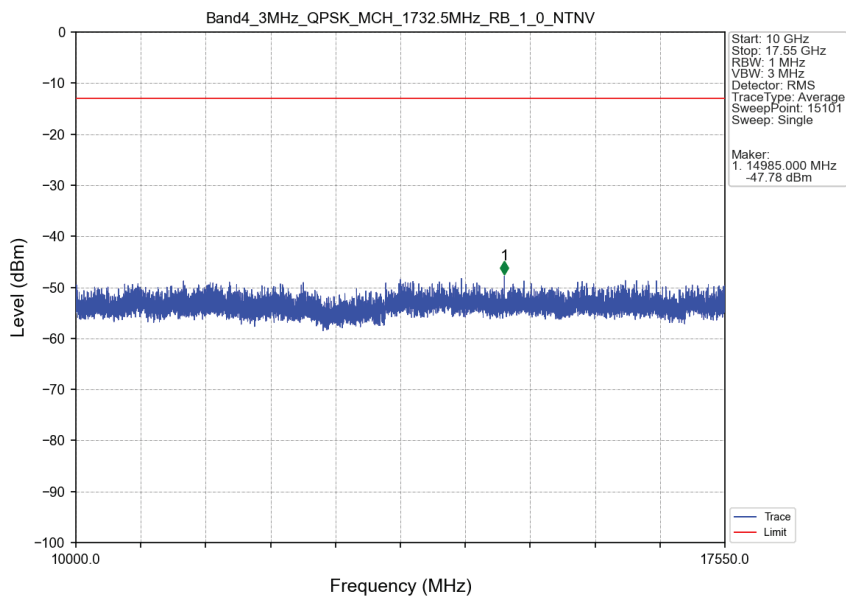


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-30.98	-13	Pass
1709	1710	0.032	CHP	2	1709.994	-25.39	-13	Pass
1710	1713	0.032	CHP	/	/	/	/	/

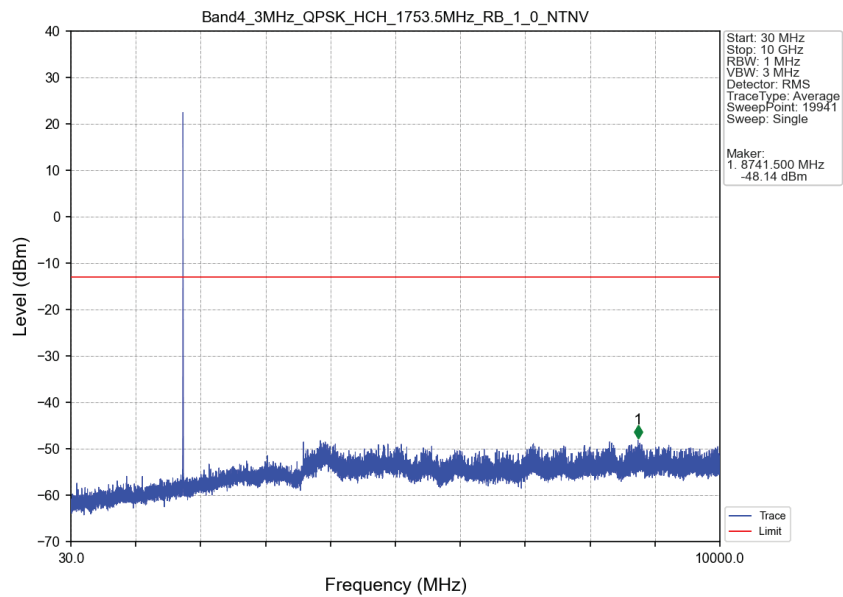
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



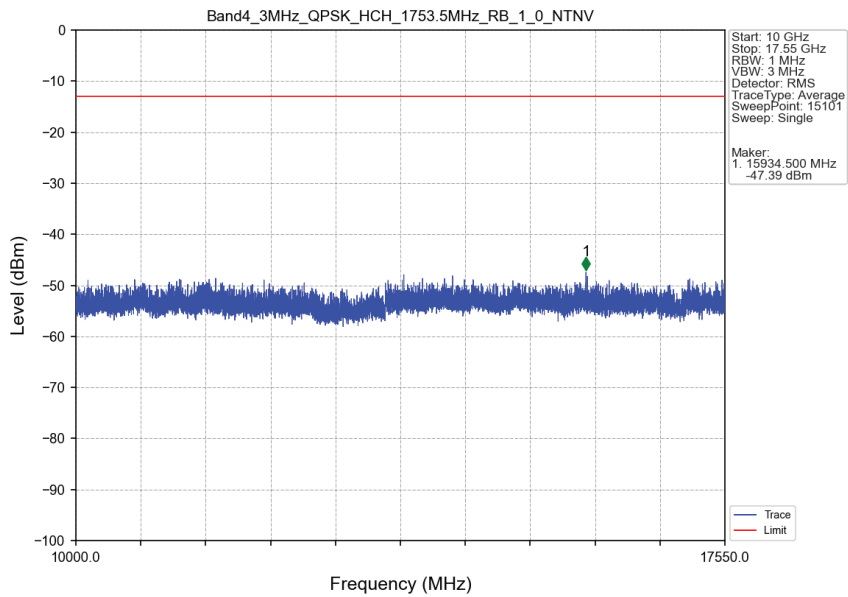
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



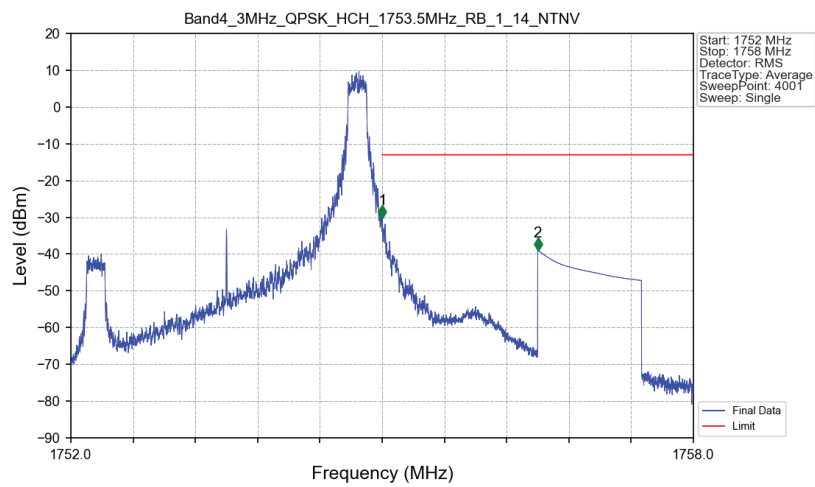
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTV



Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTV

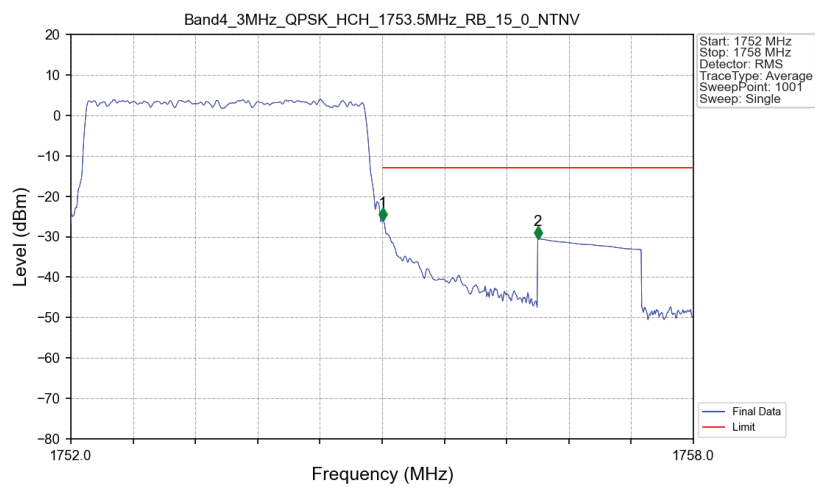


Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTNV



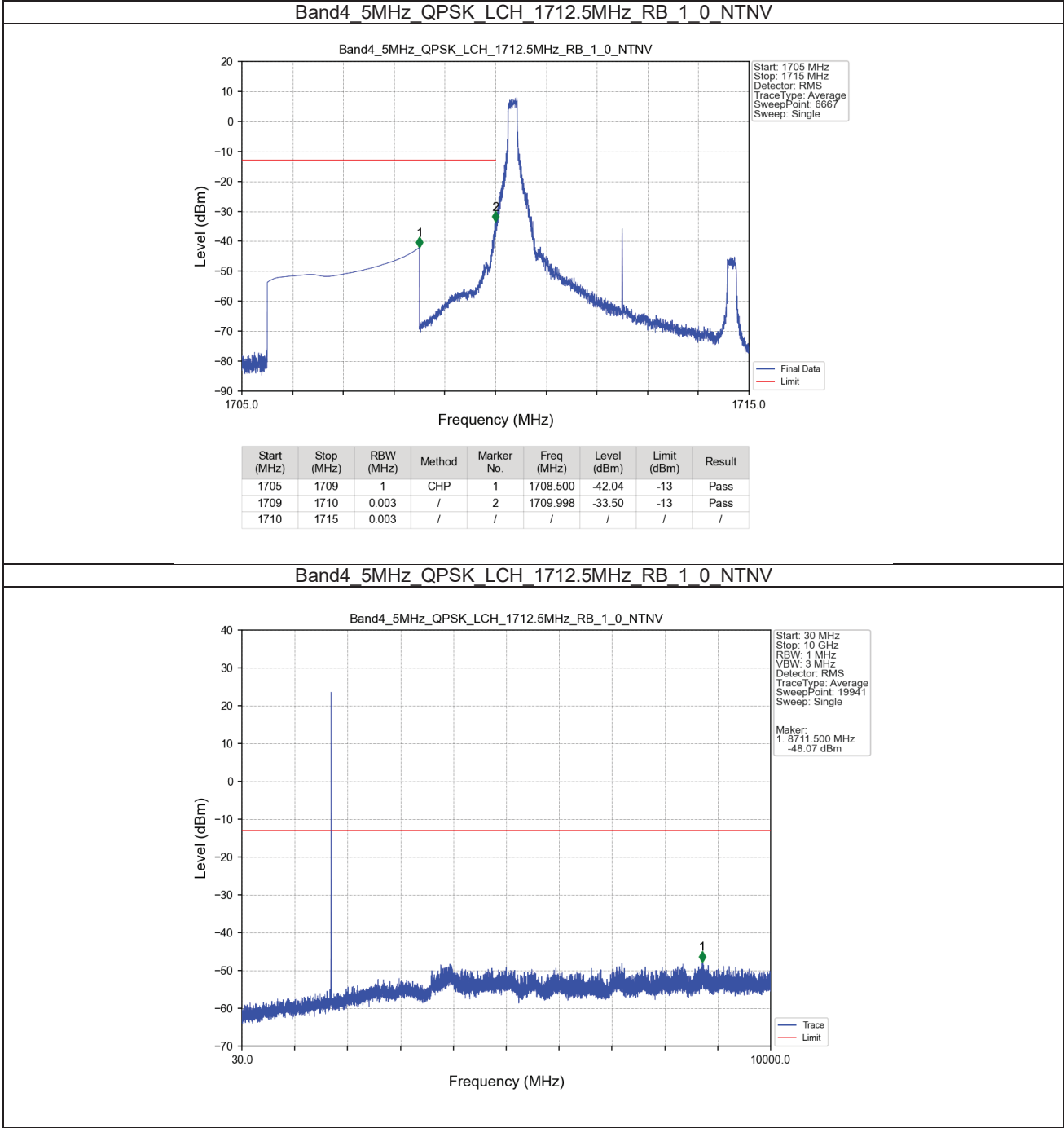
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-30.15	-13	Pass
1756	1758	1	CHP	2	1756.500	-39.09	-13	Pass

Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV

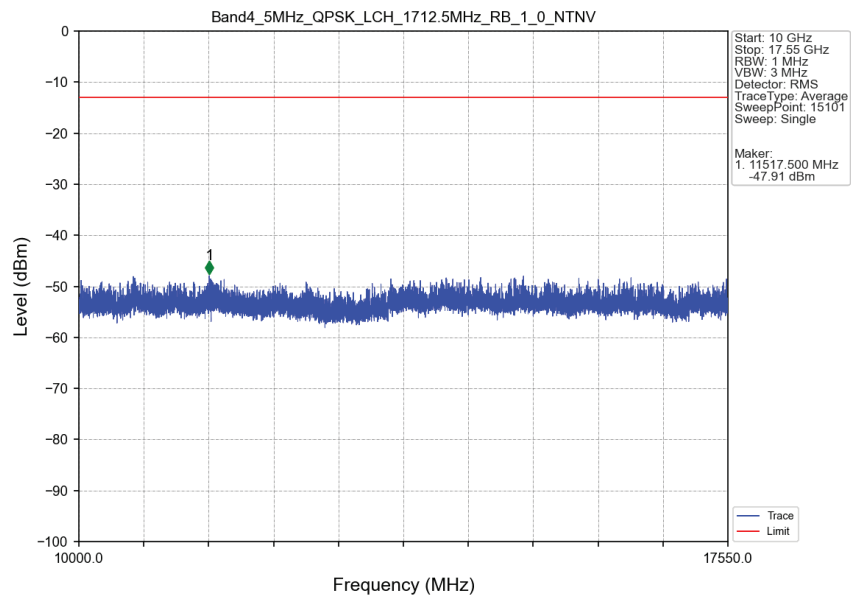


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.031	CHP	/	/	/	/	/
1755	1756	0.031	CHP	1	1755.006	-26.03	-13	Pass
1756	1758	1	CHP	2	1756.500	-30.53	-13	Pass

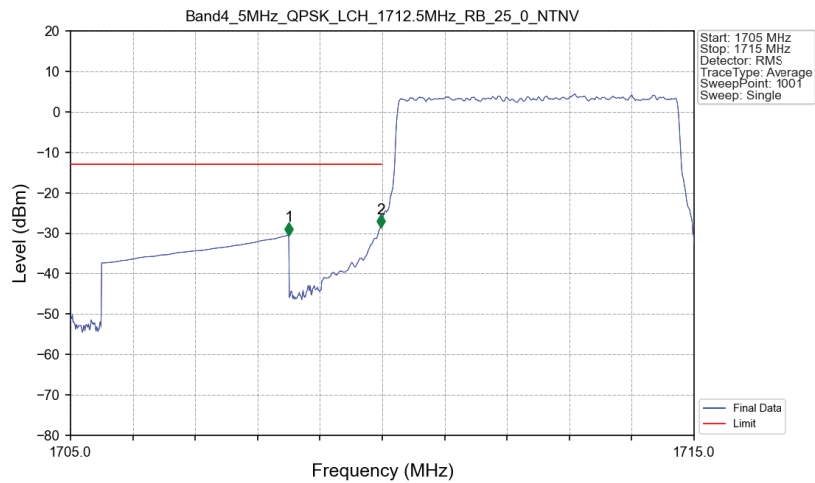
5.2.3 B4_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV

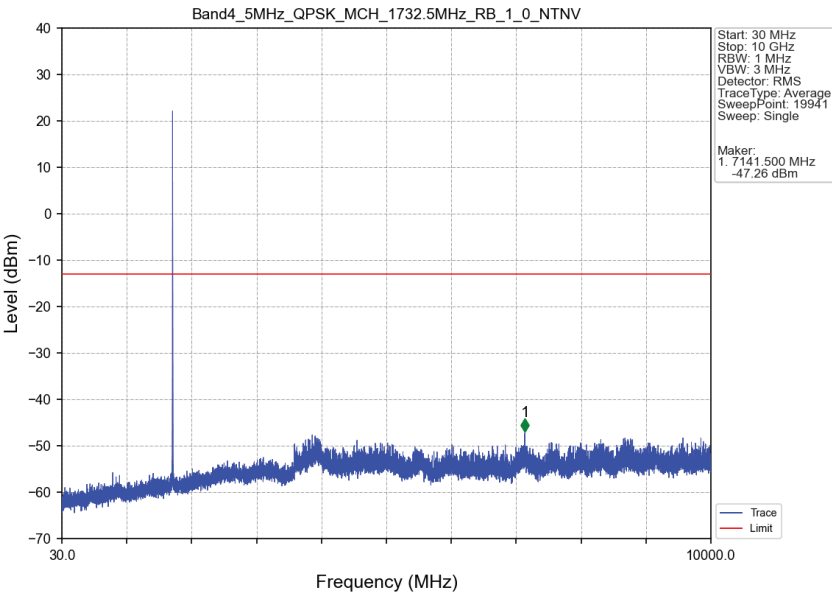


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

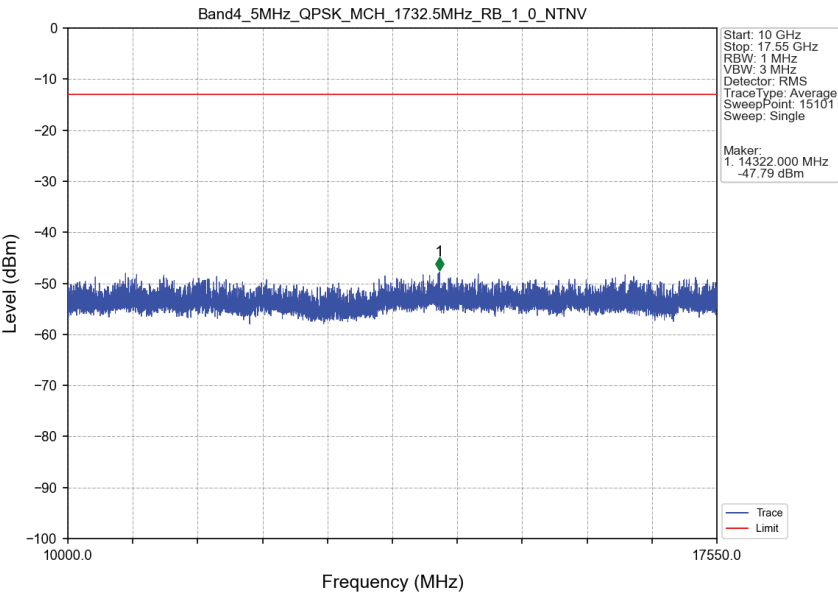


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-30.49	-13	Pass
1709	1710	0.052	CHP	2	1709.980	-28.51	-13	Pass
1710	1715	0.052	CHP	/	/	/	/	/

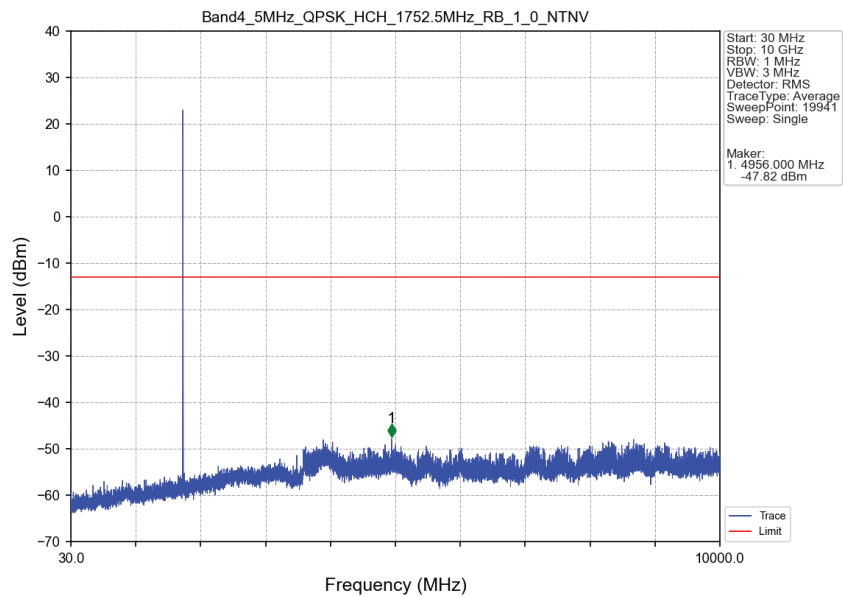
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTV



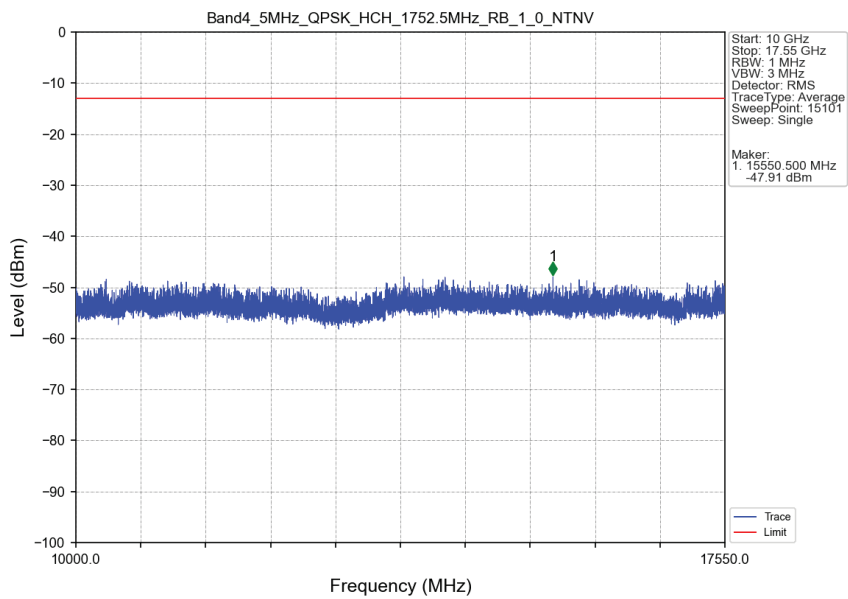
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTV



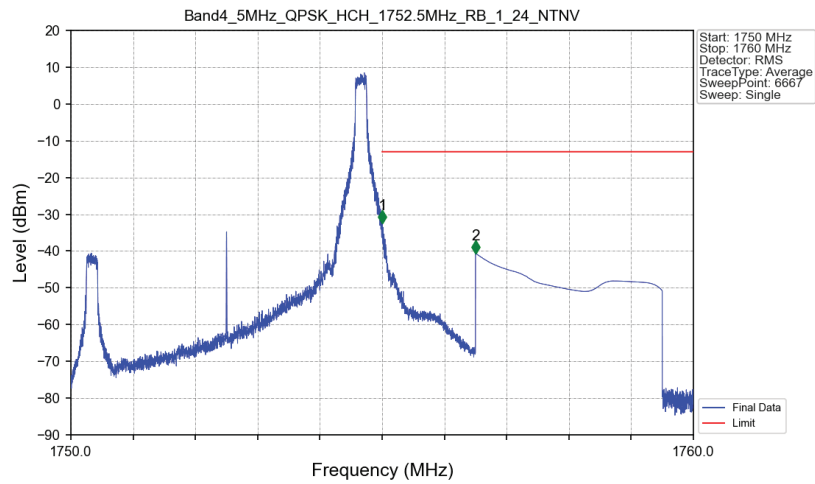
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTNV



Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTNV

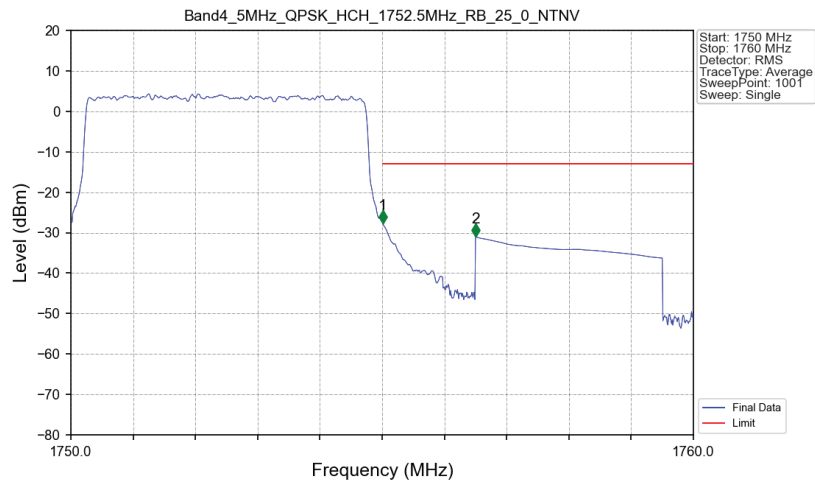


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTNV



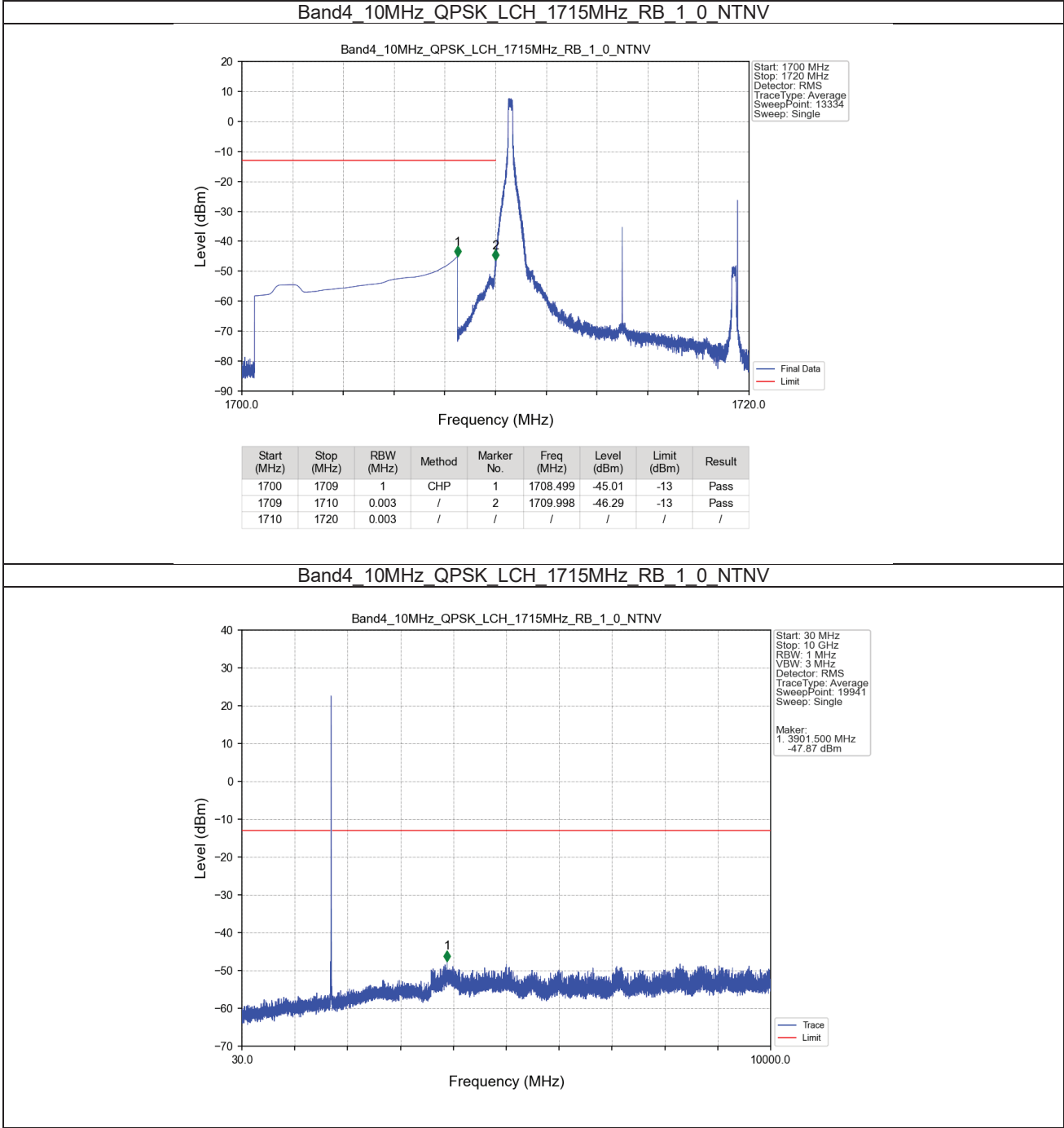
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-32.42	-13	Pass
1756	1760	1	CHP	2	1756.500	-40.59	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV

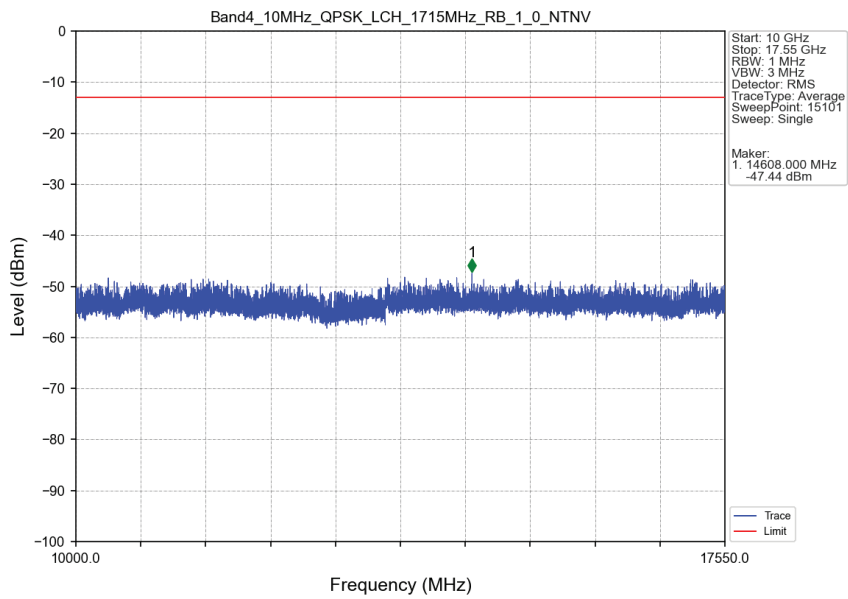


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.052	CHP	/	/	/	/	/
1755	1756	0.052	CHP	1	1755.010	-27.65	-13	Pass
1756	1760	1	CHP	2	1756.500	-31.02	-13	Pass

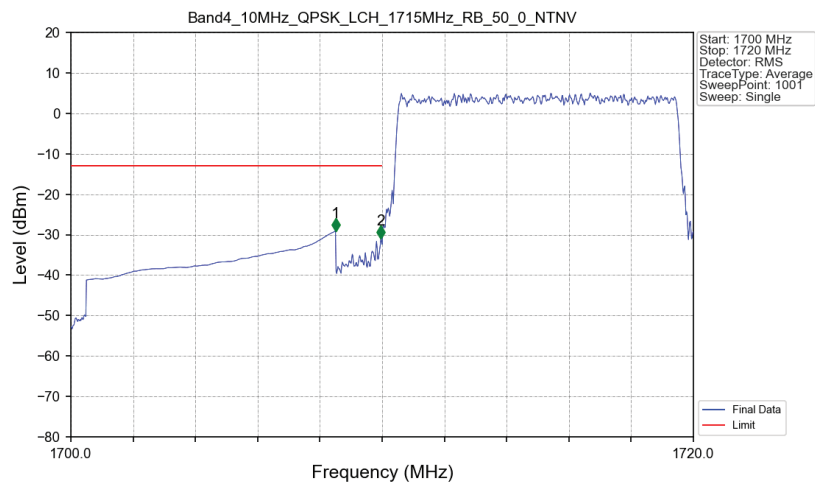
5.2.4 B4_10MHz



Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

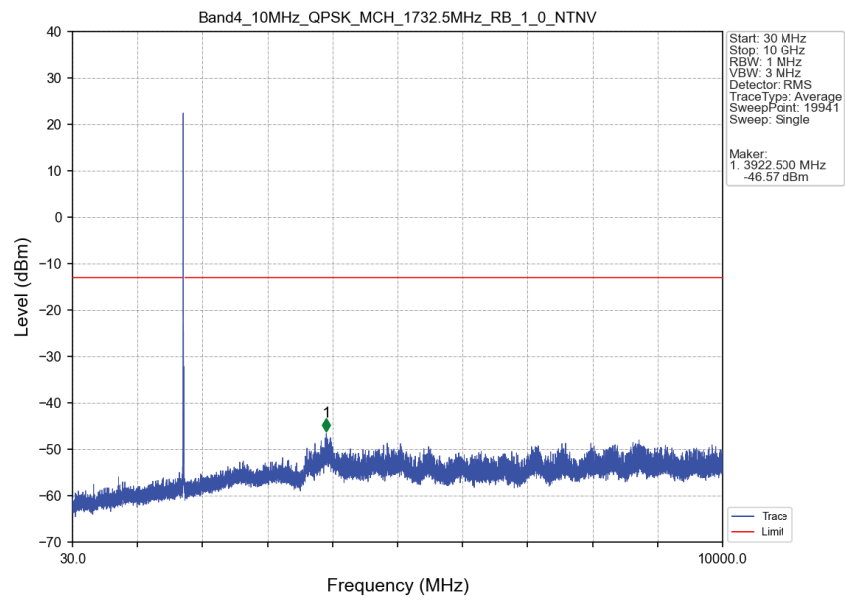


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

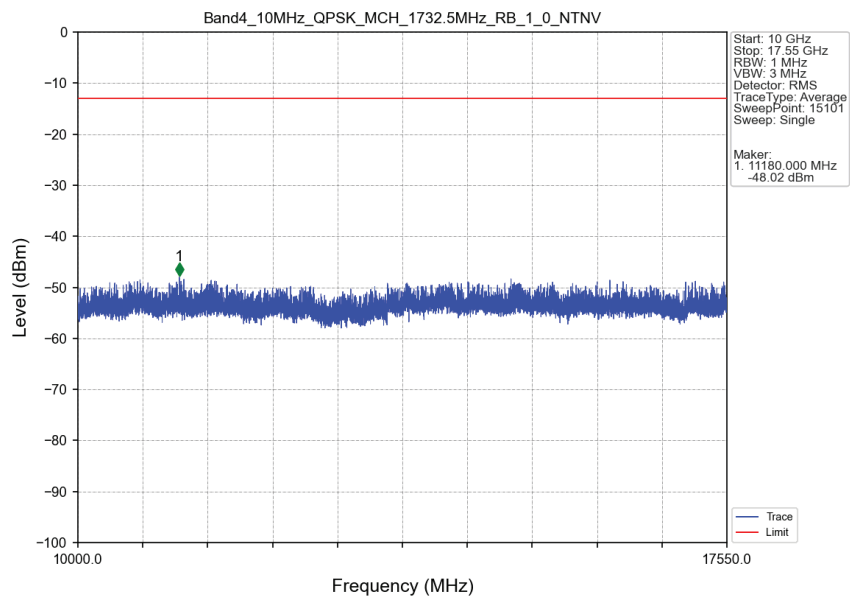


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-29.12	-13	Pass
1709	1710	0.1	/	2	1709.960	-30.93	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

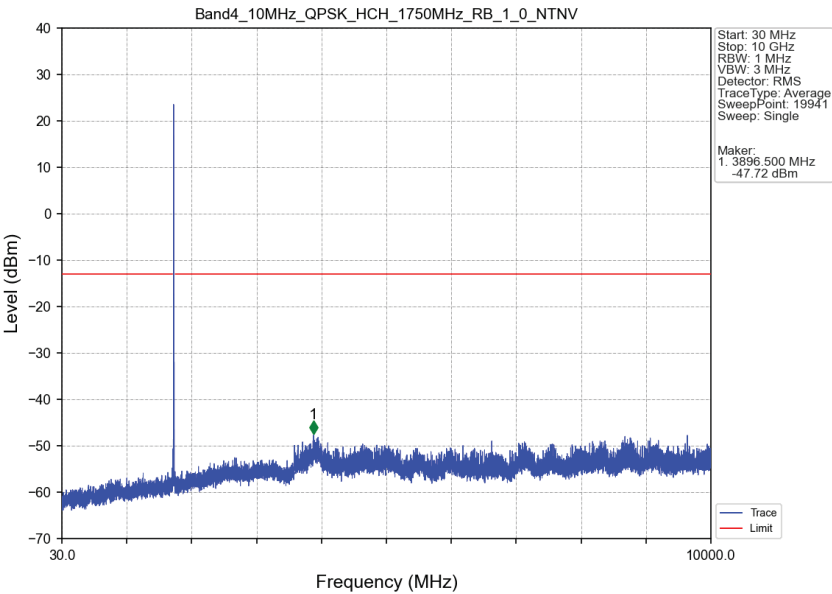
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



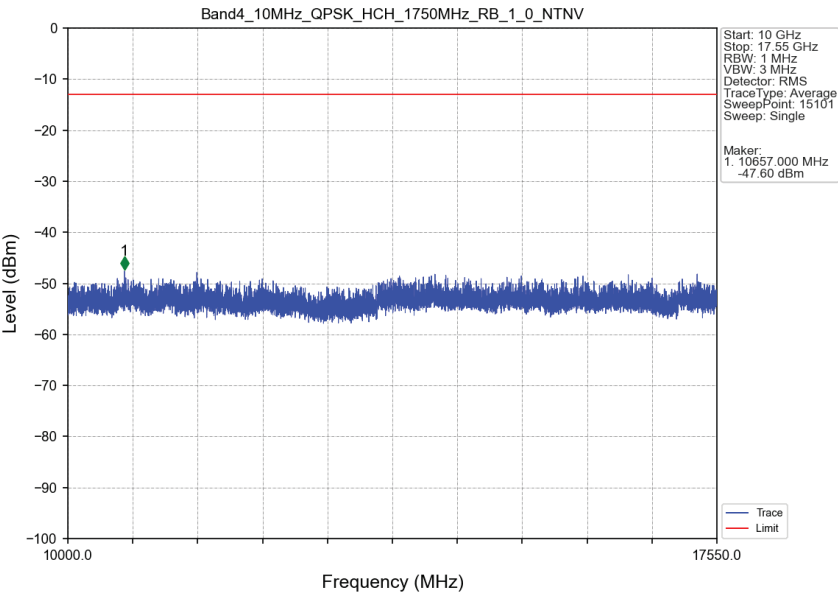
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



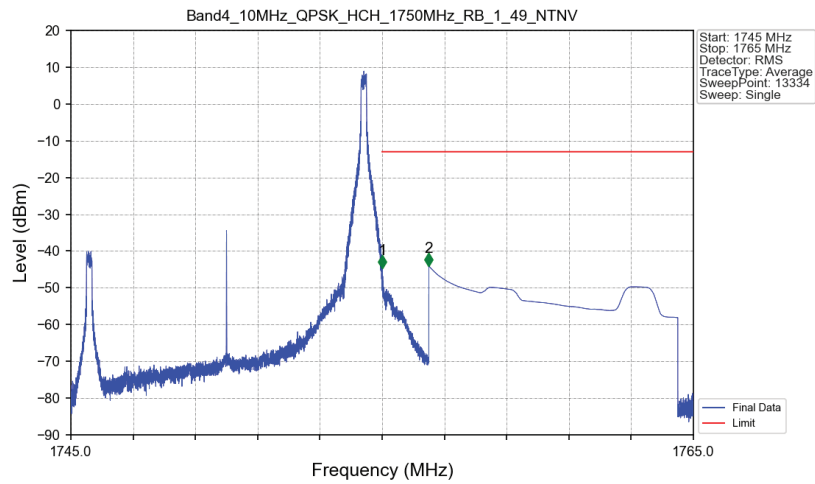
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN



Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN

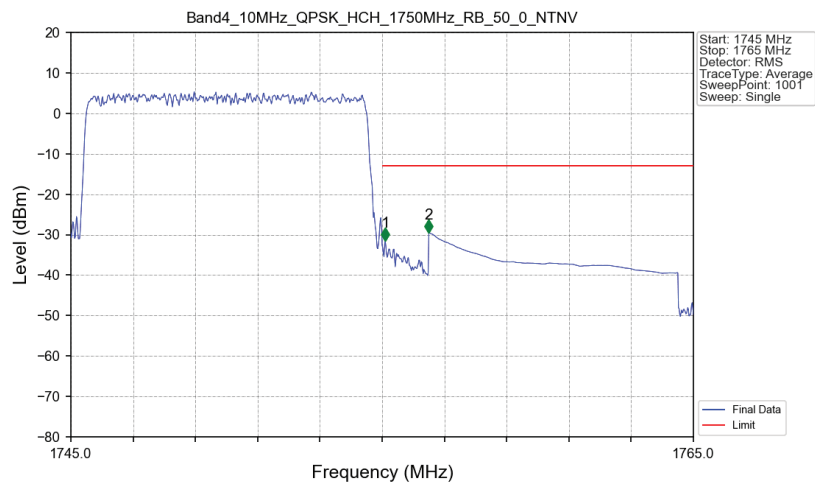


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



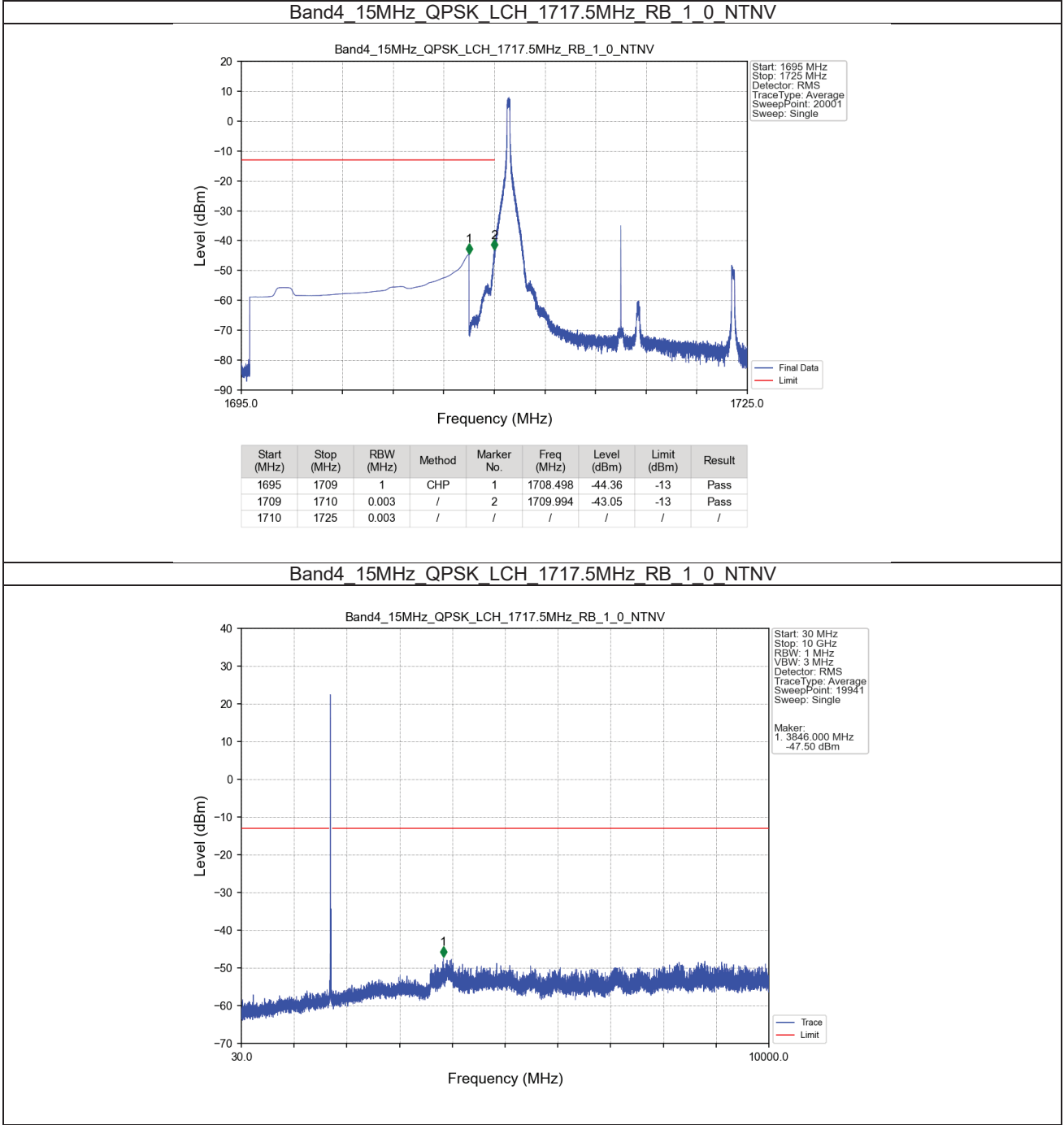
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-44.57	-13	Pass
1756	1765	1	CHP	2	1756.501	-44.06	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV

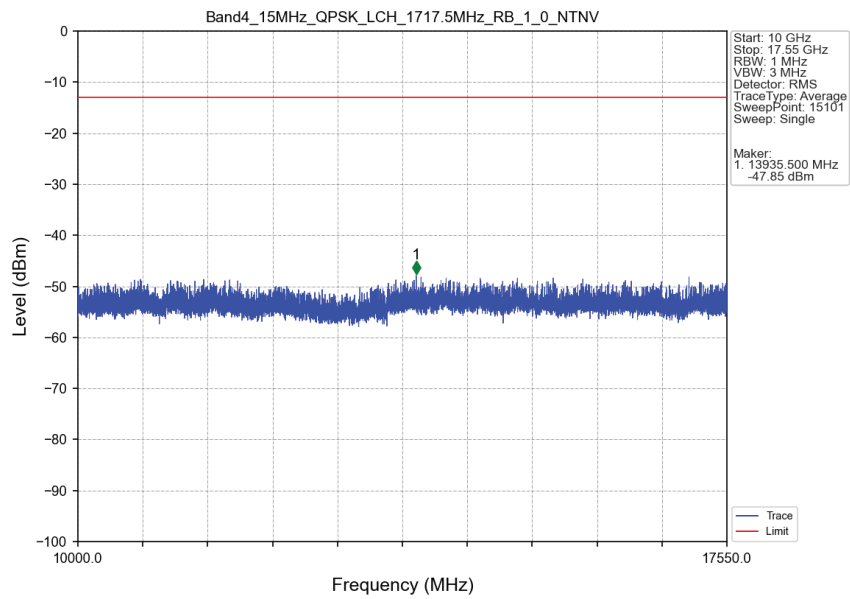


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.100	-31.52	-13	Pass
1756	1765	1	CHP	2	1756.500	-29.57	-13	Pass

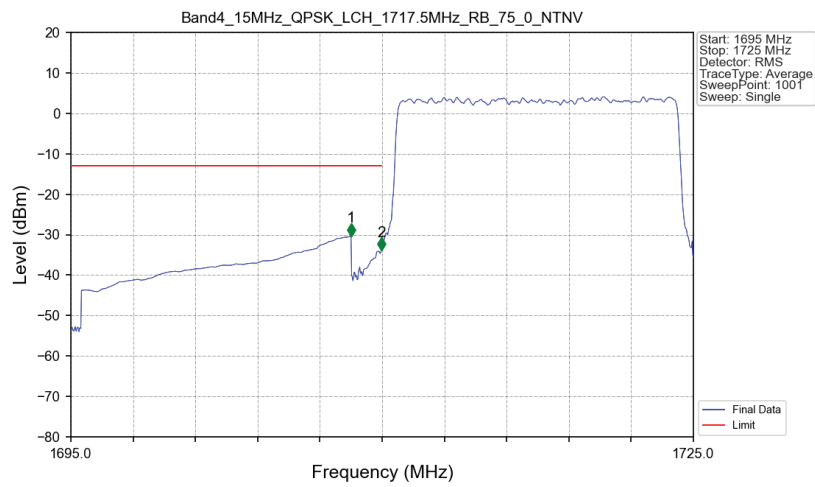
5.2.5 B4_15MHz



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

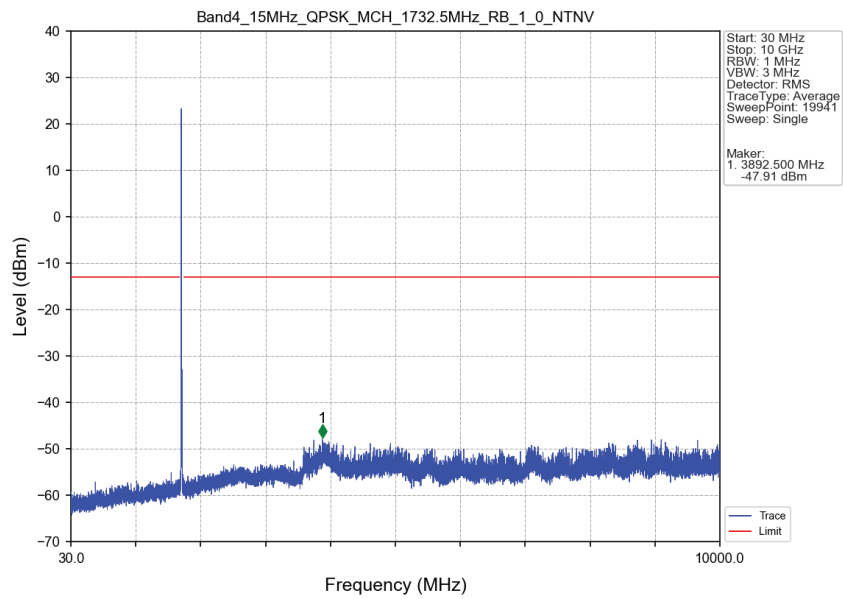


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV

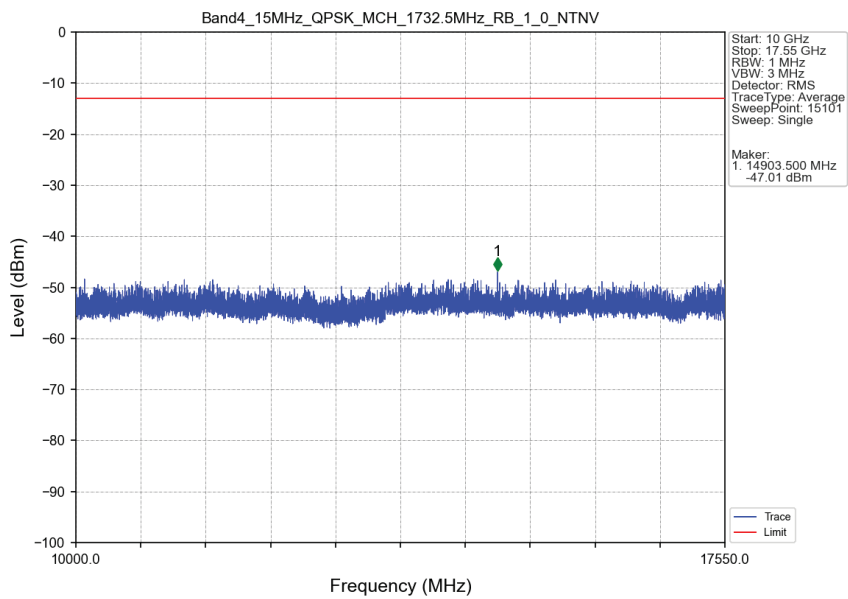


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-30.31	-13	Pass
1709	1710	0.153	CHP	2	1709.970	-33.78	-13	Pass
1710	1725	0.153	CHP	/	/	/	/	/

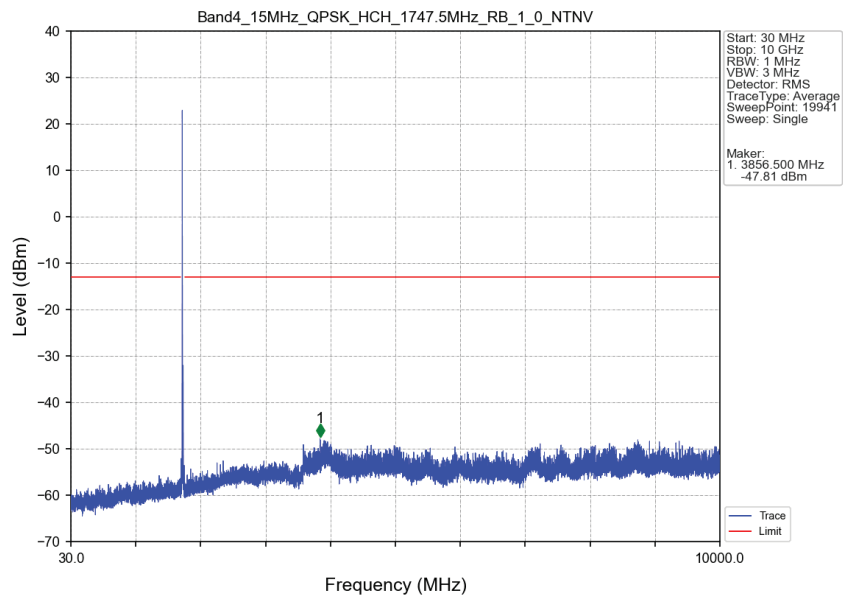
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



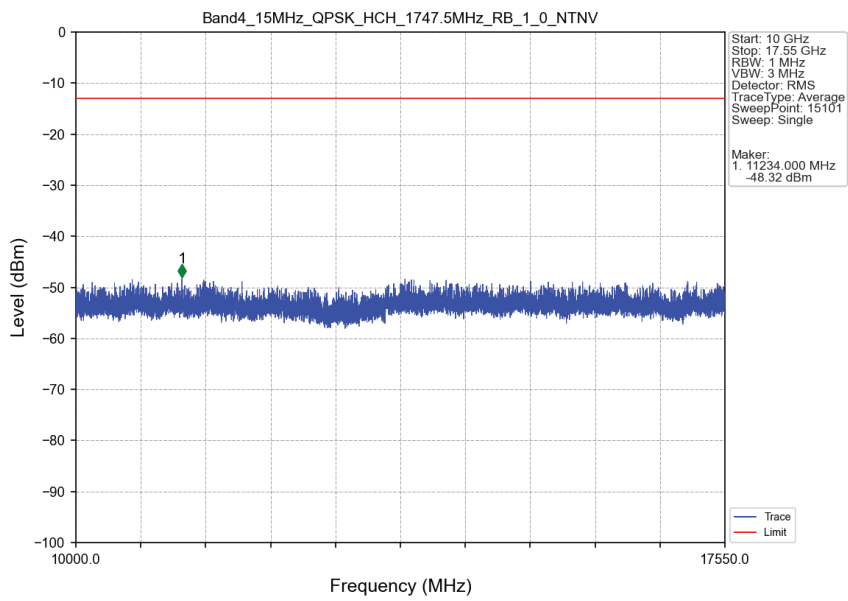
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



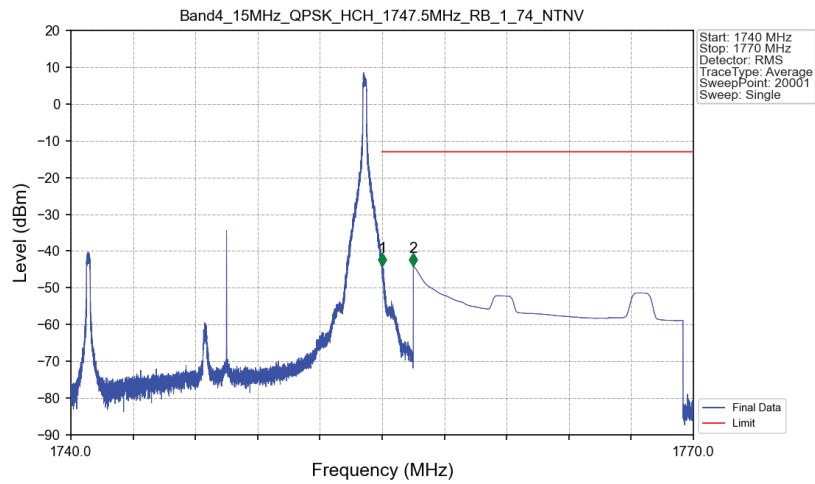
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTNV



Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTNV

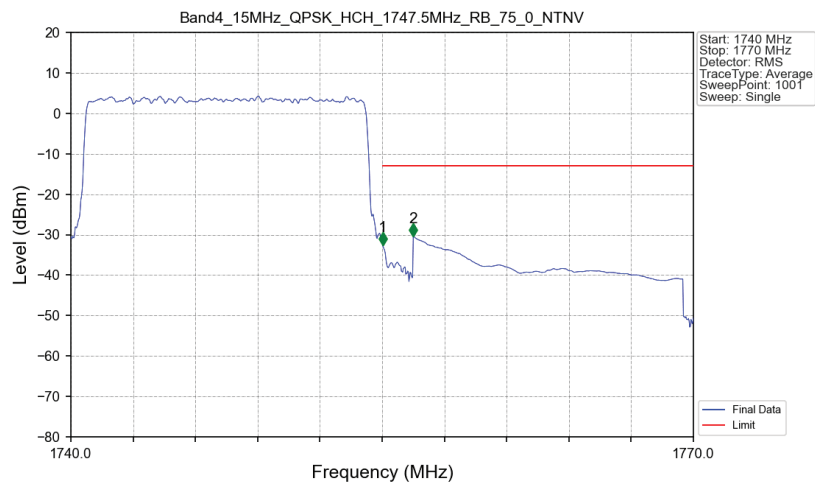


Band4 15MHz QPSK HCH 1747.5MHz RB 1 74 NTN



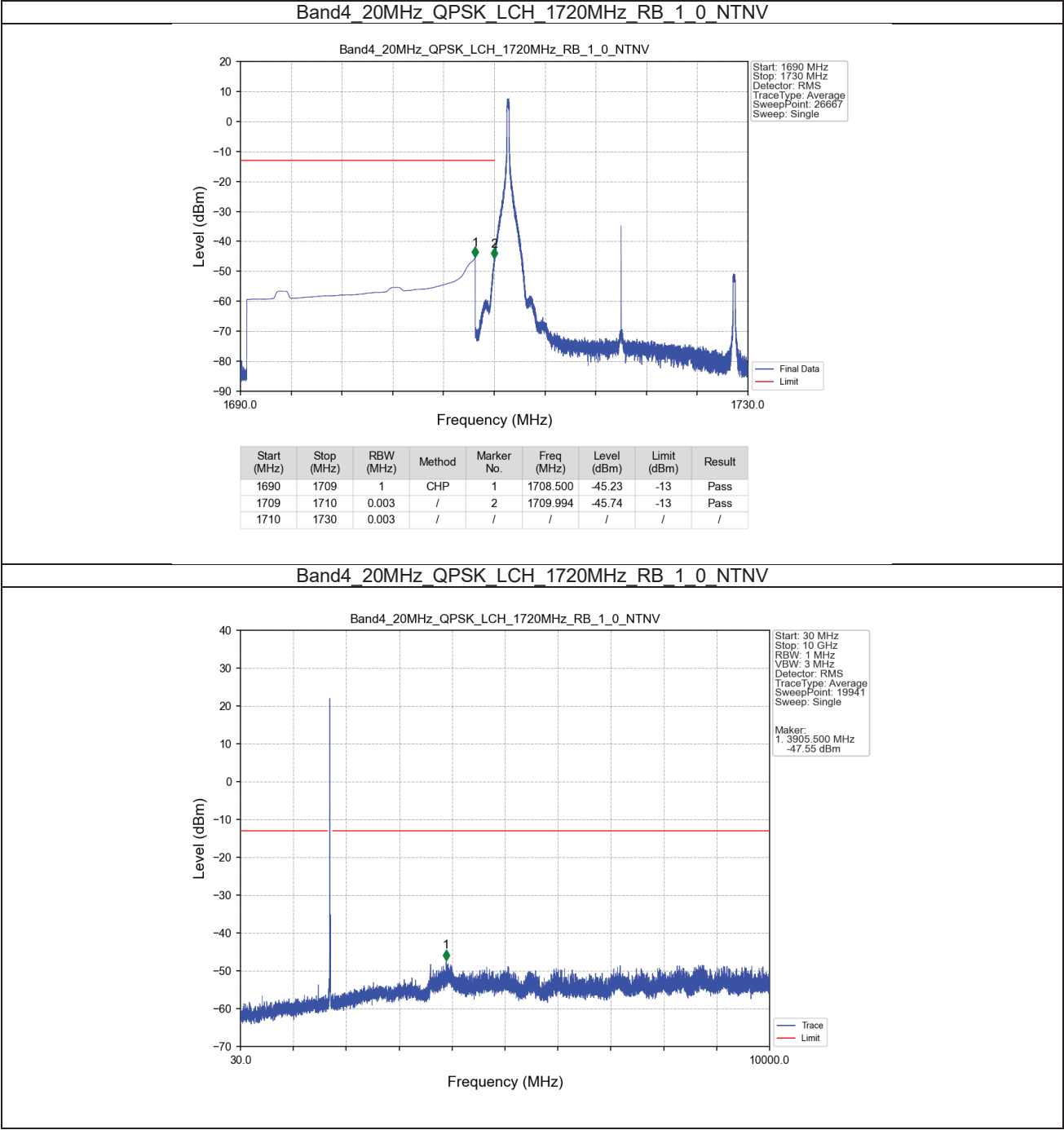
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.007	-44.10	-13	Pass
1756	1770	1	CHP	2	1756.500	-44.01	-13	Pass

Band4 15MHz QPSK HCH 1747.5MHz RB 75 0 NTN

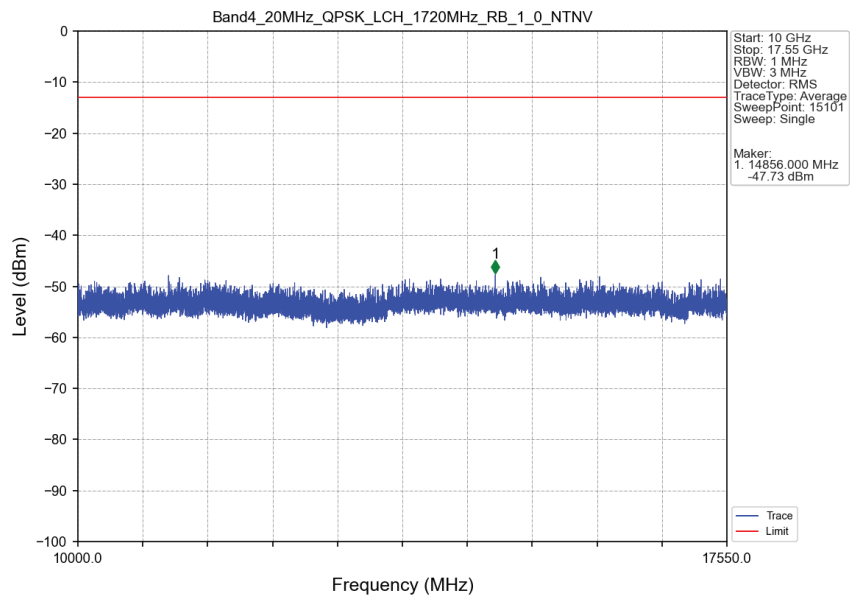


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.153	CHP	/	/	/	/	/
1755	1756	0.153	CHP	1	1755.030	-32.58	-13	Pass
1756	1770	1	CHP	2	1756.500	-30.46	-13	Pass

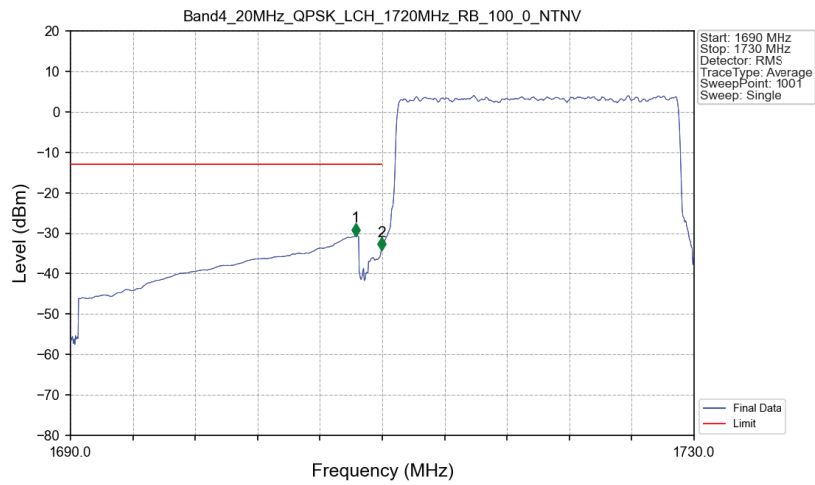
5.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

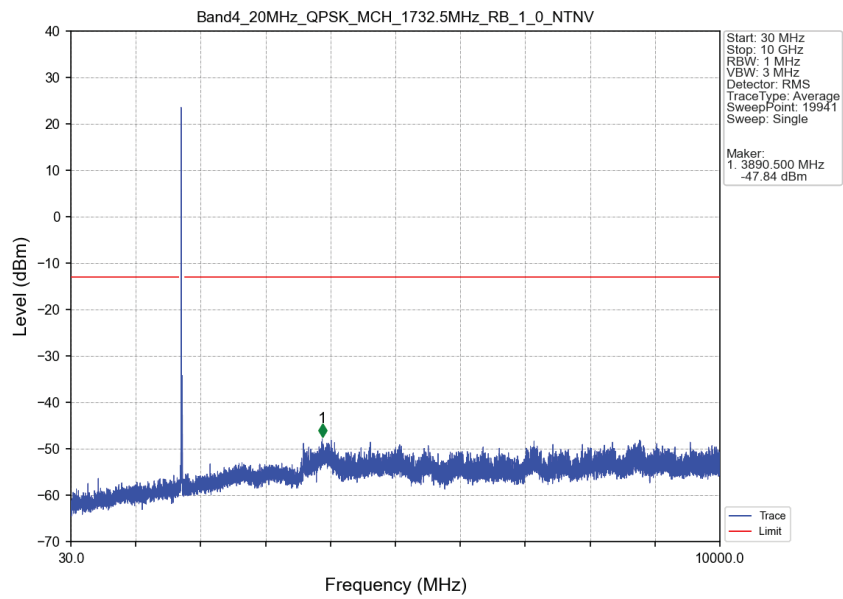


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTNV

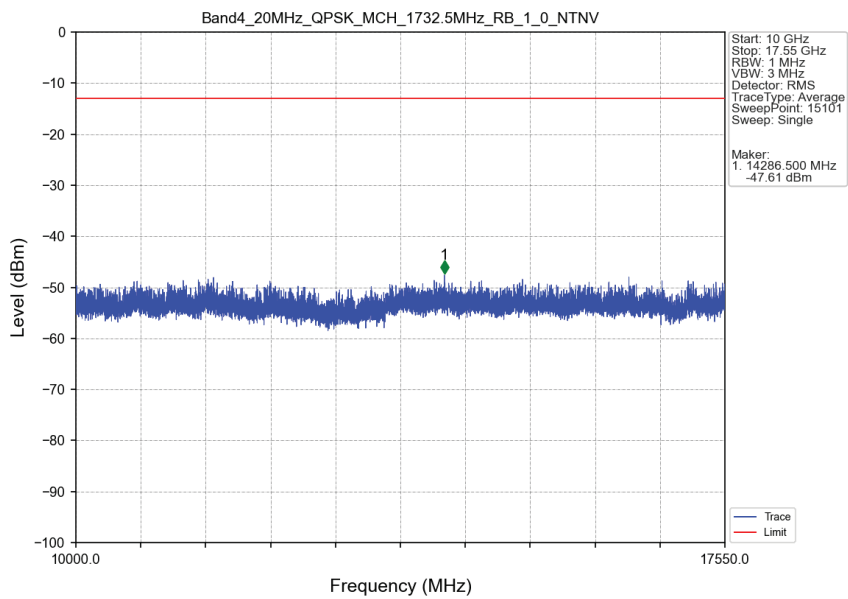


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.280	-30.67	-13	Pass
1709	1710	0.2	CHP	2	1709.960	-34.20	-13	Pass
1710	1730	0.2	CHP	/	/	/	/	/

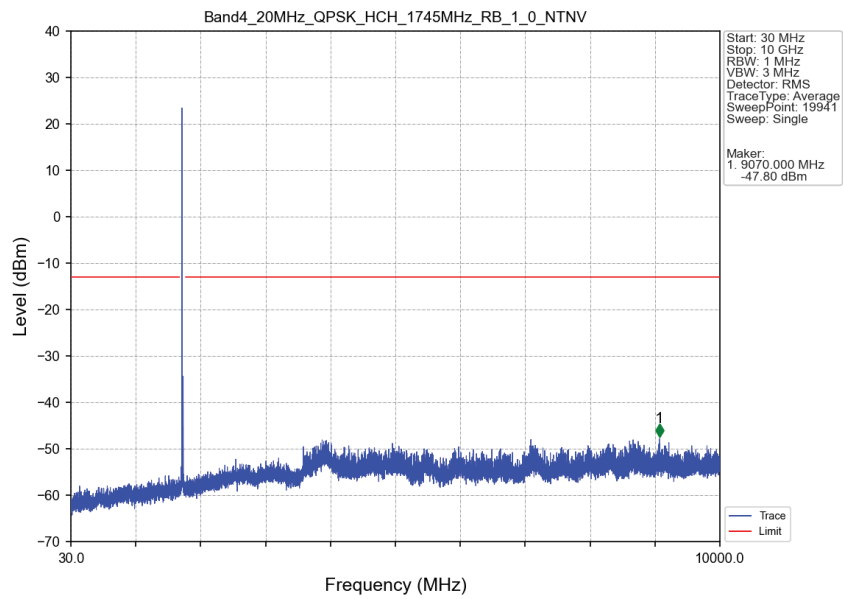
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



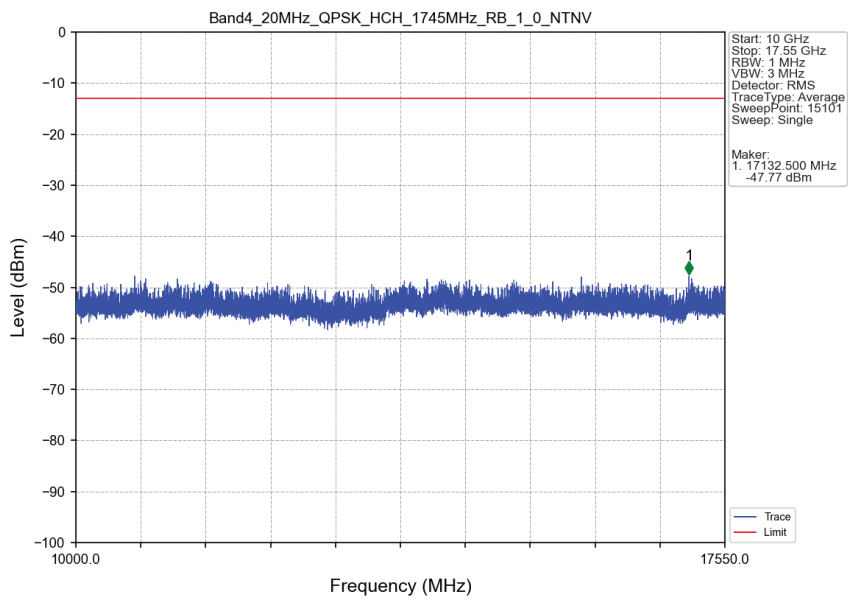
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTV



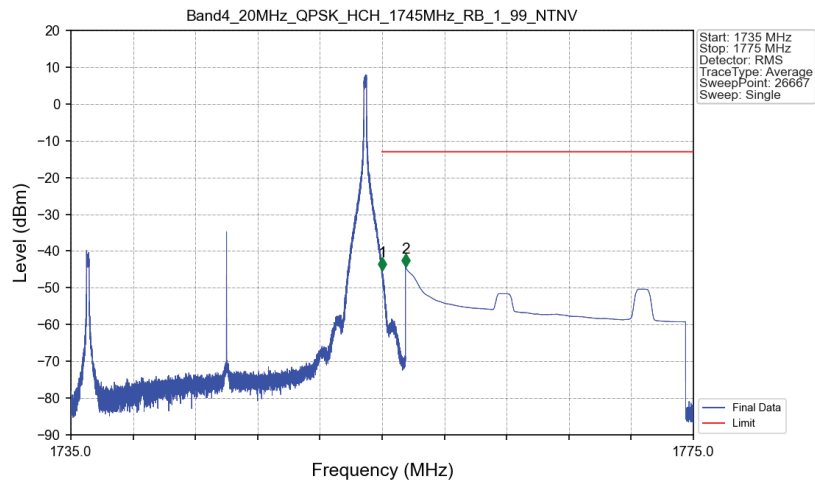
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTV



Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTV

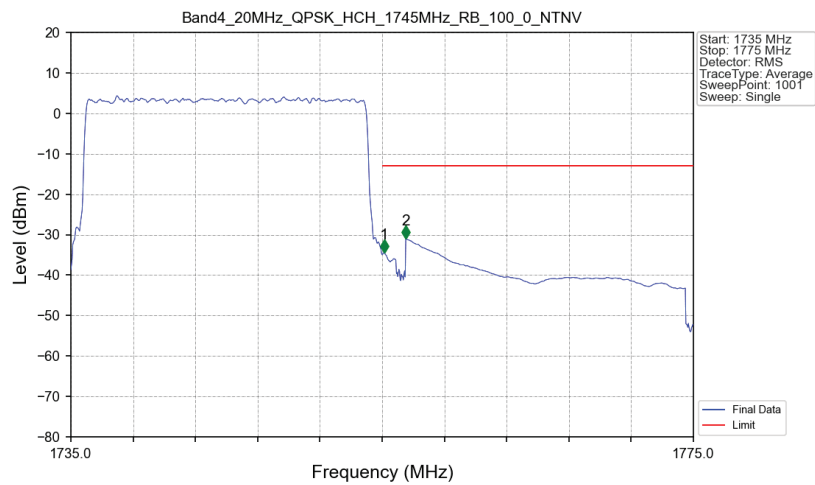


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.009	-45.24	-13	Pass
1756	1775	1	CHP	2	1756.500	-44.22	-13	Pass

Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	CHP	/	/	/	/	/
1755	1756	0.2	CHP	1	1755.120	-34.43	-13	Pass
1756	1775	1	CHP	2	1756.520	-30.90	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 4 ANT3-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	-66.33	-13	-53.33	-70.95	3.36	7.98	Horizontal	Pass
5133.0	-62.99	-13	-49.99	-68.6	4.61	10.22	Horizontal	Pass
6844.0	-61.31	-13	-48.31	-67.34	4.9	10.93	Horizontal	Pass
3422.0	-66.78	-13	-53.78	-71.4	3.36	7.98	Vertical	Pass
5133.0	-62.95	-13	-49.95	-68.56	4.61	10.22	Vertical	Pass
6844.0	-60.79	-13	-47.79	-66.82	4.9	10.93	Vertical	Pass

LTE Band 4 ANT3-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	-66.81	-13	-53.81	-71.48	3.37	8.04	Horizontal	Pass
5170.5	-62.77	-13	-49.77	-68.4	4.62	10.25	Horizontal	Pass
6894.0	-61.35	-13	-48.35	-67.44	4.9	10.99	Horizontal	Pass
3447.0	-66.13	-13	-53.13	-70.8	3.37	8.04	Vertical	Pass
5170.5	-63.22	-13	-50.22	-68.85	4.62	10.25	Vertical	Pass
6894.0	-61.49	-13	-48.49	-67.58	4.9	10.99	Vertical	Pass

LTE Band 4 ANT3-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	-67.48	-13	-54.48	-72.19	3.39	8.1	Horizontal	Pass
5208.0	-62.79	-13	-49.79	-68.42	4.64	10.27	Horizontal	Pass
6944.0	-61.46	-13	-48.46	-67.61	4.91	11.06	Horizontal	Pass
3472.0	-66.79	-13	-53.79	-71.5	3.39	8.1	Vertical	Pass
5208.0	-63.26	-13	-50.26	-68.89	4.64	10.27	Vertical	Pass
6944.0	-61.49	-13	-48.49	-67.64	4.91	11.06	Vertical	Pass

CA_4A_7A-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-62.1	-25	-37.1	-67.67	4.57	10.14	Horizontal	Pass
7503.0	-60.01	-25	-35.01	-66.81	4.94	11.74	Horizontal	Pass
10004.0	-56.53	-25	-31.53	-64.1	5.46	13.03	Horizontal	Pass
5002.0	-62.46	-25	-37.46	-68.03	4.57	10.14	Vertical	Pass
7503.0	-59.88	-25	-34.88	-66.68	4.94	11.74	Vertical	Pass
10004.0	-56.78	-25	-31.78	-64.35	5.46	13.03	Vertical	Pass

CA_4A_7A-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-63.56	-25	-38.56	-69.14	4.59	10.17	Horizontal	Pass
7578.0	-60.19	-25	-35.19	-67.07	4.95	11.83	Horizontal	Pass
10104.0	-56.9	-25	-31.9	-64.47	5.48	13.05	Horizontal	Pass
5052.0	-63.71	-25	-38.71	-69.29	4.59	10.17	Vertical	Pass
7578.0	-60.5	-25	-35.5	-67.38	4.95	11.83	Vertical	Pass
10104.0	-56.73	-25	-31.73	-64.3	5.48	13.05	Vertical	Pass

CA_4A_7A-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-63.07	-25	-38.07	-68.67	4.6	10.2	Horizontal	Pass
7653.0	-59.6	-25	-34.6	-66.57	4.95	11.92	Horizontal	Pass
10204.0	-56.92	-25	-31.92	-64.5	5.49	13.07	Horizontal	Pass
5102.0	-63.2	-25	-38.2	-68.8	4.6	10.2	Vertical	Pass
7653.0	-59.44	-25	-34.44	-66.41	4.95	11.92	Vertical	Pass
10204.0	-56.54	-25	-31.54	-64.12	5.49	13.07	Vertical	Pass

CA_4A_5A-Low channel								
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	-66.69	-13	-53.69	-71.31	3.36	7.98	Horizontal	Pass
5133.0	-63.22	-13	-50.22	-68.83	4.61	10.22	Horizontal	Pass
6844.0	-61.41	-13	-48.41	-67.44	4.9	10.93	Horizontal	Pass
3422.0	-66.87	-13	-53.87	-71.49	3.36	7.98	Vertical	Pass
5133.0	-63.04	-13	-50.04	-68.65	4.61	10.22	Vertical	Pass
6844.0	-61.11	-13	-48.11	-67.14	4.9	10.93	Vertical	Pass

CA_4A_5A-Middle channel								
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	-67.11	-13	-54.11	-71.78	3.37	8.04	Horizontal	Pass
5170.5	-63.26	-13	-50.26	-68.89	4.62	10.25	Horizontal	Pass
6894.0	-62.3	-13	-49.3	-68.39	4.9	10.99	Horizontal	Pass
3447.0	-67.13	-13	-54.13	-71.8	3.37	8.04	Vertical	Pass
5170.5	-62.81	-13	-49.81	-68.44	4.62	10.25	Vertical	Pass
6894.0	-62.4	-13	-49.4	-68.49	4.9	10.99	Vertical	Pass

CA_4A_5A-High channel								
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	-67.36	-13	-54.36	-72.07	3.39	8.1	Horizontal	Pass
5208.0	-63.09	-13	-50.09	-68.72	4.64	10.27	Horizontal	Pass
6944.0	-61.8	-13	-48.8	-67.95	4.91	11.06	Horizontal	Pass
3472.0	-67.28	-13	-54.28	-71.99	3.39	8.1	Vertical	Pass
5208.0	-63.45	-13	-50.45	-69.08	4.64	10.27	Vertical	Pass
6944.0	-61.86	-13	-48.86	-68.01	4.91	11.06	Vertical	Pass