

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	24.62	-2.84	21.78	<=30	Pass
			2	24.68	-2.84	21.84	<=30	Pass
			5	24.66	-2.84	21.82	<=30	Pass
		3	0	24.49	-2.84	21.65	<=30	Pass
			2	24.57	-2.84	21.73	<=30	Pass
			3	24.83	-2.84	21.99	<=30	Pass
		6	0	23.81	-2.84	20.97	<=30	Pass
	1732.5	1	0	24.53	-2.84	21.69	<=30	Pass
			2	24.73	-2.84	21.89	<=30	Pass
			5	24.42	-2.84	21.58	<=30	Pass
		3	0	24.40	-2.84	21.56	<=30	Pass
			2	24.38	-2.84	21.54	<=30	Pass
			3	24.40	-2.84	21.56	<=30	Pass
		6	0	23.41	-2.84	20.57	<=30	Pass
	1754.3	1	0	24.43	-2.84	21.59	<=30	Pass
			2	24.64	-2.84	21.80	<=30	Pass
			5	24.47	-2.84	21.63	<=30	Pass
		3	0	24.50	-2.84	21.66	<=30	Pass
			2	24.55	-2.84	21.71	<=30	Pass
			3	24.57	-2.84	21.73	<=30	Pass
		6	0	23.74	-2.84	20.90	<=30	Pass
16QAM	1710.7	1	0	24.06	-2.84	21.22	<=30	Pass
			2	23.31	-2.84	20.47	<=30	Pass
			5	24.09	-2.84	21.25	<=30	Pass
		3	0	23.67	-2.84	20.83	<=30	Pass
			2	23.81	-2.84	20.97	<=30	Pass
			3	23.89	-2.84	21.05	<=30	Pass
		6	0	22.97	-2.84	20.13	<=30	Pass
	1732.5	1	0	23.71	-2.84	20.87	<=30	Pass
			2	23.68	-2.84	20.84	<=30	Pass
			5	23.47	-2.84	20.63	<=30	Pass
		3	0	23.74	-2.84	20.90	<=30	Pass
			2	23.67	-2.84	20.83	<=30	Pass
			3	23.61	-2.84	20.77	<=30	Pass
		6	0	22.62	-2.84	19.78	<=30	Pass
	1754.3	1	0	23.81	-2.84	20.97	<=30	Pass
			2	23.85	-2.84	21.01	<=30	Pass
			5	23.89	-2.84	21.05	<=30	Pass
		3	0	23.66	-2.84	20.82	<=30	Pass
			2	23.58	-2.84	20.74	<=30	Pass
			3	23.70	-2.84	20.86	<=30	Pass
		6	0	22.79	-2.84	19.95	<=30	Pass
64QAM	1710.7	1	0	23.77	-2.84	20.93	<=30	Pass
			2	23.76	-2.84	20.92	<=30	Pass
			5	23.57	-2.84	20.73	<=30	Pass
		3	0	23.72	-2.84	20.88	<=30	Pass
			2	23.78	-2.84	20.94	<=30	Pass
			3	23.86	-2.84	21.02	<=30	Pass
		6	0	22.74	-2.84	19.90	<=30	Pass

	1732.5	1	0	22.50	-2.84	19.66	<=30	Pass
			2	23.47	-2.84	20.63	<=30	Pass
			5	23.35	-2.84	20.51	<=30	Pass
		3	0	23.57	-2.84	20.73	<=30	Pass
			2	23.70	-2.84	20.86	<=30	Pass
			3	23.01	-2.84	20.17	<=30	Pass
		6	0	22.41	-2.84	19.57	<=30	Pass
	1754.3	1	0	23.54	-2.84	20.70	<=30	Pass
			2	23.74	-2.84	20.90	<=30	Pass
			5	23.75	-2.84	20.91	<=30	Pass
		3	0	23.58	-2.84	20.74	<=30	Pass
			2	23.87	-2.84	21.03	<=30	Pass
			3	23.60	-2.84	20.76	<=30	Pass
		6	0	22.58	-2.84	19.74	<=30	Pass
256QAM	1710.7	1	0	19.89	-2.84	17.05	<=30	Pass
			2	19.77	-2.84	16.93	<=30	Pass
			5	19.80	-2.84	16.96	<=30	Pass
		3	0	19.97	-2.84	17.13	<=30	Pass
			2	19.88	-2.84	17.04	<=30	Pass
			3	19.81	-2.84	16.97	<=30	Pass
		6	0	19.85	-2.84	17.01	<=30	Pass
	1732.5	1	0	19.51	-2.84	16.67	<=30	Pass
			2	19.46	-2.84	16.62	<=30	Pass
			5	19.66	-2.84	16.82	<=30	Pass
		3	0	19.67	-2.84	16.83	<=30	Pass
			2	19.57	-2.84	16.73	<=30	Pass
			3	19.54	-2.84	16.70	<=30	Pass
		6	0	19.60	-2.84	16.76	<=30	Pass
	1754.3	1	0	19.36	-2.84	16.52	<=30	Pass
			2	19.84	-2.84	17.00	<=30	Pass
			5	19.40	-2.84	16.56	<=30	Pass
		3	0	19.64	-2.84	16.80	<=30	Pass
			2	19.59	-2.84	16.75	<=30	Pass
			3	19.74	-2.84	16.90	<=30	Pass
		6	0	19.66	-2.84	16.82	<=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	24.55	-2.84	21.71	<=30	Pass
			7	24.63	-2.84	21.79	<=30	Pass
			14	24.61	-2.84	21.77	<=30	Pass
		8	0	23.88	-2.84	21.04	<=30	Pass
			4	23.85	-2.84	21.01	<=30	Pass
			7	23.81	-2.84	20.97	<=30	Pass
		15	0	23.84	-2.84	21.00	<=30	Pass
	1732.5	1	0	24.38	-2.84	21.54	<=30	Pass
			7	24.45	-2.84	21.61	<=30	Pass
			14	24.35	-2.84	21.51	<=30	Pass
		8	0	23.43	-2.84	20.59	<=30	Pass
			4	23.38	-2.84	20.54	<=30	Pass
			7	23.48	-2.84	20.64	<=30	Pass
		15	0	23.57	-2.84	20.73	<=30	Pass
	1753.5	1	0	24.35	-2.84	21.51	<=30	Pass

		8	7	24.63	-2.84	21.79	<=30	Pass
			14	24.54	-2.84	21.70	<=30	Pass
			0	23.78	-2.84	20.94	<=30	Pass
			4	23.77	-2.84	20.93	<=30	Pass
			7	23.75	-2.84	20.91	<=30	Pass
		15	0	23.75	-2.84	20.91	<=30	Pass
16QAM	1711.5	1	0	23.87	-2.84	21.03	<=30	Pass
			7	23.14	-2.84	20.30	<=30	Pass
			14	23.87	-2.84	21.03	<=30	Pass
		8	0	22.90	-2.84	20.06	<=30	Pass
			4	22.98	-2.84	20.14	<=30	Pass
			7	22.78	-2.84	19.94	<=30	Pass
		15	0	22.87	-2.84	20.03	<=30	Pass
	1732.5	1	0	23.61	-2.84	20.77	<=30	Pass
			7	23.92	-2.84	21.08	<=30	Pass
			14	23.54	-2.84	20.70	<=30	Pass
		8	0	22.62	-2.84	19.78	<=30	Pass
			4	22.57	-2.84	19.73	<=30	Pass
			7	22.61	-2.84	19.77	<=30	Pass
		15	0	22.61	-2.84	19.77	<=30	Pass
	1753.5	1	0	23.96	-2.84	21.12	<=30	Pass
			7	24.03	-2.84	21.19	<=30	Pass
			14	24.09	-2.84	21.25	<=30	Pass
		8	0	22.81	-2.84	19.97	<=30	Pass
			4	22.64	-2.84	19.80	<=30	Pass
			7	22.90	-2.84	20.06	<=30	Pass
		15	0	22.70	-2.84	19.86	<=30	Pass
64QAM	1711.5	1	0	22.89	-2.84	20.05	<=30	Pass
			7	23.90	-2.84	21.06	<=30	Pass
			14	23.62	-2.84	20.78	<=30	Pass
		8	0	22.87	-2.84	20.03	<=30	Pass
			4	22.89	-2.84	20.05	<=30	Pass
			7	22.83	-2.84	19.99	<=30	Pass
		15	0	22.80	-2.84	19.96	<=30	Pass
	1732.5	1	0	23.27	-2.84	20.43	<=30	Pass
			7	23.63	-2.84	20.79	<=30	Pass
			14	23.81	-2.84	20.97	<=30	Pass
		8	0	22.52	-2.84	19.68	<=30	Pass
			4	22.70	-2.84	19.86	<=30	Pass
			7	22.52	-2.84	19.68	<=30	Pass
		15	0	22.53	-2.84	19.69	<=30	Pass
	1753.5	1	0	23.74	-2.84	20.90	<=30	Pass
			7	23.84	-2.84	21.00	<=30	Pass
			14	23.56	-2.84	20.72	<=30	Pass
		8	0	22.57	-2.84	19.73	<=30	Pass
			4	22.78	-2.84	19.94	<=30	Pass
			7	22.77	-2.84	19.93	<=30	Pass
		15	0	22.62	-2.84	19.78	<=30	Pass
256QAM	1711.5	1	0	19.91	-2.84	17.07	<=30	Pass
			7	19.92	-2.84	17.08	<=30	Pass
			14	19.59	-2.84	16.75	<=30	Pass
		8	0	19.81	-2.84	16.97	<=30	Pass
			4	19.85	-2.84	17.01	<=30	Pass
			7	19.81	-2.84	16.97	<=30	Pass
		15	0	19.68	-2.84	16.84	<=30	Pass
	1732.5	1	0	19.47	-2.84	16.63	<=30	Pass
			7	19.73	-2.84	16.89	<=30	Pass
			14	19.56	-2.84	16.72	<=30	Pass
		8	0	19.54	-2.84	16.70	<=30	Pass

			4	19.61	-2.84	16.77	<=30	Pass
			7	19.51	-2.84	16.67	<=30	Pass
		15	0	19.56	-2.84	16.72	<=30	Pass
	1753.5	1	0	19.81	-2.84	16.97	<=30	Pass
			7	19.75	-2.84	16.91	<=30	Pass
			14	19.75	-2.84	16.91	<=30	Pass
		8	0	19.67	-2.84	16.83	<=30	Pass
			4	19.77	-2.84	16.93	<=30	Pass
			7	19.62	-2.84	16.78	<=30	Pass
		15	0	19.68	-2.84	16.84	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	24.42	-2.84	21.58	<=30	Pass
			13	24.77	-2.84	21.93	<=30	Pass
			24	24.69	-2.84	21.85	<=30	Pass
		12	0	23.87	-2.84	21.03	<=30	Pass
			6	23.90	-2.84	21.06	<=30	Pass
			13	23.81	-2.84	20.97	<=30	Pass
		25	0	23.81	-2.84	20.97	<=30	Pass
	1732.5	1	0	24.37	-2.84	21.53	<=30	Pass
			13	24.62	-2.84	21.78	<=30	Pass
			24	24.41	-2.84	21.57	<=30	Pass
		12	0	23.59	-2.84	20.75	<=30	Pass
			6	23.64	-2.84	20.80	<=30	Pass
			13	23.64	-2.84	20.80	<=30	Pass
		25	0	23.56	-2.84	20.72	<=30	Pass
	1752.5	1	0	24.66	-2.84	21.82	<=30	Pass
			13	24.69	-2.84	21.85	<=30	Pass
			24	24.54	-2.84	21.70	<=30	Pass
		12	0	23.64	-2.84	20.80	<=30	Pass
			6	23.70	-2.84	20.86	<=30	Pass
			13	23.77	-2.84	20.93	<=30	Pass
		25	0	23.63	-2.84	20.79	<=30	Pass
16QAM	1712.5	1	0	23.77	-2.84	20.93	<=30	Pass
			13	23.66	-2.84	20.82	<=30	Pass
			24	23.80	-2.84	20.96	<=30	Pass
		12	0	22.89	-2.84	20.05	<=30	Pass
			6	22.97	-2.84	20.13	<=30	Pass
			13	22.84	-2.84	20.00	<=30	Pass
		25	0	22.83	-2.84	19.99	<=30	Pass
	1732.5	1	0	23.59	-2.84	20.75	<=30	Pass
			13	23.73	-2.84	20.89	<=30	Pass
			24	23.77	-2.84	20.93	<=30	Pass
		12	0	22.48	-2.84	19.64	<=30	Pass
			6	22.63	-2.84	19.79	<=30	Pass
			13	22.65	-2.84	19.81	<=30	Pass
		25	0	22.33	-2.84	19.49	<=30	Pass
	1752.5	1	0	23.84	-2.84	21.00	<=30	Pass
			13	24.02	-2.84	21.18	<=30	Pass
			24	23.74	-2.84	20.90	<=30	Pass
		12	0	22.63	-2.84	19.79	<=30	Pass
			6	22.78	-2.84	19.94	<=30	Pass

			13	22.84	-2.84	20.00	<=30	Pass		
		25	0	22.71	-2.84	19.87	<=30	Pass		
64QAM	1712.5	1	0	23.59	-2.84	20.75	<=30	Pass		
			13	24.01	-2.84	21.17	<=30	Pass		
			24	23.04	-2.84	20.20	<=30	Pass		
			0	22.84	-2.84	20.00	<=30	Pass		
		12	6	22.89	-2.84	20.05	<=30	Pass		
			13	22.66	-2.84	19.82	<=30	Pass		
			25	0	22.83	-2.84	19.99	<=30	Pass	
		1732.5	1	0	23.54	-2.84	20.70	<=30	Pass	
				13	23.40	-2.84	20.56	<=30	Pass	
	24			23.47	-2.84	20.63	<=30	Pass		
	0			22.53	-2.84	19.69	<=30	Pass		
	12		6	22.62	-2.84	19.78	<=30	Pass		
			13	22.70	-2.84	19.86	<=30	Pass		
			25	0	22.49	-2.84	19.65	<=30	Pass	
	1752.5		1	0	23.47	-2.84	20.63	<=30	Pass	
				13	23.76	-2.84	20.92	<=30	Pass	
		24		23.51	-2.84	20.67	<=30	Pass		
		0		22.62	-2.84	19.78	<=30	Pass		
		12	6	22.63	-2.84	19.79	<=30	Pass		
			13	22.85	-2.84	20.01	<=30	Pass		
			25	0	22.67	-2.84	19.83	<=30	Pass	
		256QAM	1712.5	1	0	19.94	-2.84	17.10	<=30	Pass
					13	19.99	-2.84	17.15	<=30	Pass
24	20.03				-2.84	17.19	<=30	Pass		
12	0			19.83	-2.84	16.99	<=30	Pass		
	6			19.90	-2.84	17.06	<=30	Pass		
	13			19.76	-2.84	16.92	<=30	Pass		
25	0			19.85	-2.84	17.01	<=30	Pass		
1732.5	1		0	19.58	-2.84	16.74	<=30	Pass		
			13	19.73	-2.84	16.89	<=30	Pass		
			24	19.75	-2.84	16.91	<=30	Pass		
	12		0	19.53	-2.84	16.69	<=30	Pass		
			6	19.60	-2.84	16.76	<=30	Pass		
			13	19.49	-2.84	16.65	<=30	Pass		
	25		0	19.49	-2.84	16.65	<=30	Pass		
1752.5	1		0	19.58	-2.84	16.74	<=30	Pass		
			13	19.82	-2.84	16.98	<=30	Pass		
			24	19.87	-2.84	17.03	<=30	Pass		
	12		0	19.68	-2.84	16.84	<=30	Pass		
			6	19.79	-2.84	16.95	<=30	Pass		
			13	19.70	-2.84	16.86	<=30	Pass		
	25		0	19.64	-2.84	16.80	<=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	24.53	-2.84	21.69	<=30	Pass
			25	24.60	-2.84	21.76	<=30	Pass
			49	24.43	-2.84	21.59	<=30	Pass
		25	0	23.68	-2.84	20.84	<=30	Pass
			13	23.80	-2.84	20.96	<=30	Pass
			25	23.71	-2.84	20.87	<=30	Pass

		50	0	23.73	-2.84	20.89	<=30	Pass
		1732.5	1	0	24.57	-2.84	21.73	<=30
				25	24.39	-2.84	21.55	<=30
				49	24.59	-2.84	21.75	<=30
				0	23.38	-2.84	20.54	<=30
		25		13	23.56	-2.84	20.72	<=30
				25	23.64	-2.84	20.80	<=30
				0	23.48	-2.84	20.64	<=30
		50	0	23.72	-2.84	20.88	<=30	Pass
		1750	1	0	24.38	-2.84	21.54	<=30
				25	24.54	-2.84	21.70	<=30
				49	24.52	-2.84	21.68	<=30
			25	0	23.66	-2.84	20.82	<=30
				13	23.82	-2.84	20.98	<=30
				25	23.81	-2.84	20.97	<=30
			50	0	23.72	-2.84	20.88	<=30
				0	23.11	-2.84	20.27	<=30
				25	23.81	-2.84	20.97	<=30
16QAM	1715	1		49	23.95	-2.84	21.11	<=30
				0	22.70	-2.84	19.86	<=30
				13	22.83	-2.84	19.99	<=30
				25	22.75	-2.84	19.91	<=30
		50	0	22.64	-2.84	19.80	<=30	Pass
	1732.5	1		0	23.69	-2.84	20.85	<=30
				25	23.55	-2.84	20.71	<=30
				49	23.23	-2.84	20.39	<=30
		25		0	22.42	-2.84	19.58	<=30
				13	22.32	-2.84	19.48	<=30
				25	22.65	-2.84	19.81	<=30
		50	0	22.46	-2.84	19.62	<=30	Pass
	1750	1		0	23.81	-2.84	20.97	<=30
				25	23.94	-2.84	21.10	<=30
				49	23.66	-2.84	20.82	<=30
		25		0	22.64	-2.84	19.80	<=30
				13	22.77	-2.84	19.93	<=30
				25	22.83	-2.84	19.99	<=30
		50	0	22.78	-2.84	19.94	<=30	Pass
64QAM	1715	1		0	23.44	-2.84	20.60	<=30
				25	23.66	-2.84	20.82	<=30
				49	23.67	-2.84	20.83	<=30
		25		0	22.77	-2.84	19.93	<=30
				13	22.82	-2.84	19.98	<=30
				25	22.73	-2.84	19.89	<=30
		50	0	22.76	-2.84	19.92	<=30	Pass
	1732.5	1		0	23.38	-2.84	20.54	<=30
				25	23.60	-2.84	20.76	<=30
				49	23.64	-2.84	20.80	<=30
		25		0	22.35	-2.84	19.51	<=30
				13	22.67	-2.84	19.83	<=30
				25	22.56	-2.84	19.72	<=30
		50	0	22.44	-2.84	19.60	<=30	Pass
	1750	1		0	23.68	-2.84	20.84	<=30
				25	23.68	-2.84	20.84	<=30
				49	23.87	-2.84	21.03	<=30
		25		0	22.65	-2.84	19.81	<=30
				13	22.81	-2.84	19.97	<=30
				25	22.80	-2.84	19.96	<=30
		50	0	22.76	-2.84	19.92	<=30	Pass
256QAM	1715	1		0	19.80	-2.84	16.96	<=30
				25	19.62	-2.84	16.78	<=30

			49	19.77	-2.84	16.93	<=30	Pass
		25	0	19.63	-2.84	16.79	<=30	Pass
			13	19.80	-2.84	16.96	<=30	Pass
			25	19.66	-2.84	16.82	<=30	Pass
		50	0	19.77	-2.84	16.93	<=30	Pass
	1732.5	1	0	19.05	-2.84	16.21	<=30	Pass
			25	19.59	-2.84	16.75	<=30	Pass
			49	19.84	-2.84	17.00	<=30	Pass
		25	0	19.45	-2.84	16.61	<=30	Pass
			13	19.45	-2.84	16.61	<=30	Pass
			25	19.63	-2.84	16.79	<=30	Pass
		50	0	19.55	-2.84	16.71	<=30	Pass
	1750	1	0	19.53	-2.84	16.69	<=30	Pass
			25	19.57	-2.84	16.73	<=30	Pass
			49	19.85	-2.84	17.01	<=30	Pass
		25	0	19.36	-2.84	16.52	<=30	Pass
			13	19.77	-2.84	16.93	<=30	Pass
			25	19.76	-2.84	16.92	<=30	Pass
		50	0	19.80	-2.84	16.96	<=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	24.17	-2.84	21.33	<=30	Pass
			38	24.40	-2.84	21.56	<=30	Pass
			74	24.80	-2.84	21.96	<=30	Pass
		36	0	23.46	-2.84	20.62	<=30	Pass
			18	23.44	-2.84	20.60	<=30	Pass
			39	23.38	-2.84	20.54	<=30	Pass
		75	0	23.46	-2.84	20.62	<=30	Pass
	1732.5	1	0	24.34	-2.84	21.50	<=30	Pass
			38	24.31	-2.84	21.47	<=30	Pass
			74	24.27	-2.84	21.43	<=30	Pass
		36	0	23.52	-2.84	20.68	<=30	Pass
			18	23.45	-2.84	20.61	<=30	Pass
			39	23.52	-2.84	20.68	<=30	Pass
		75	0	23.47	-2.84	20.63	<=30	Pass
	1747.5	1	0	24.20	-2.84	21.36	<=30	Pass
			38	24.52	-2.84	21.68	<=30	Pass
			74	24.64	-2.84	21.80	<=30	Pass
		36	0	23.38	-2.84	20.54	<=30	Pass
			18	23.42	-2.84	20.58	<=30	Pass
			39	23.64	-2.84	20.80	<=30	Pass
		75	0	23.56	-2.84	20.72	<=30	Pass
16QAM	1717.5	1	0	23.42	-2.84	20.58	<=30	Pass
			38	23.58	-2.84	20.74	<=30	Pass
			74	23.78	-2.84	20.94	<=30	Pass
		36	0	22.27	-2.84	19.43	<=30	Pass
			18	22.37	-2.84	19.53	<=30	Pass
			39	22.45	-2.84	19.61	<=30	Pass
		75	0	22.35	-2.84	19.51	<=30	Pass
	1732.5	1	0	23.51	-2.84	20.67	<=30	Pass
			38	23.68	-2.84	20.84	<=30	Pass
			74	23.57	-2.84	20.73	<=30	Pass

		36	0	22.34	-2.84	19.50	<=30	Pass
			18	22.32	-2.84	19.48	<=30	Pass
			39	22.44	-2.84	19.60	<=30	Pass
		75	0	22.40	-2.84	19.56	<=30	Pass
	1747.5	1	0	24.05	-2.84	21.21	<=30	Pass
			38	23.62	-2.84	20.78	<=30	Pass
			74	23.60	-2.84	20.76	<=30	Pass
		36	0	22.18	-2.84	19.34	<=30	Pass
			18	22.45	-2.84	19.61	<=30	Pass
			39	22.68	-2.84	19.84	<=30	Pass
		75	0	22.58	-2.84	19.74	<=30	Pass
64QAM	1717.5	1	0	23.50	-2.84	20.66	<=30	Pass
			38	23.21	-2.84	20.37	<=30	Pass
			74	23.46	-2.84	20.62	<=30	Pass
		36	0	22.30	-2.84	19.46	<=30	Pass
			18	22.38	-2.84	19.54	<=30	Pass
			39	22.56	-2.84	19.72	<=30	Pass
		75	0	22.37	-2.84	19.53	<=30	Pass
	1732.5	1	0	23.11	-2.84	20.27	<=30	Pass
			38	23.53	-2.84	20.69	<=30	Pass
			74	23.51	-2.84	20.67	<=30	Pass
		36	0	22.31	-2.84	19.47	<=30	Pass
			18	22.42	-2.84	19.58	<=30	Pass
			39	22.49	-2.84	19.65	<=30	Pass
		75	0	22.45	-2.84	19.61	<=30	Pass
	1747.5	1	0	23.55	-2.84	20.71	<=30	Pass
			38	23.53	-2.84	20.69	<=30	Pass
			74	23.61	-2.84	20.77	<=30	Pass
		36	0	22.42	-2.84	19.58	<=30	Pass
			18	22.51	-2.84	19.67	<=30	Pass
			39	22.60	-2.84	19.76	<=30	Pass
		75	0	22.53	-2.84	19.69	<=30	Pass
256QAM	1717.5	1	0	19.53	-2.84	16.69	<=30	Pass
			38	19.55	-2.84	16.71	<=30	Pass
			74	19.79	-2.84	16.95	<=30	Pass
		36	0	19.48	-2.84	16.64	<=30	Pass
			18	19.60	-2.84	16.76	<=30	Pass
			39	19.50	-2.84	16.66	<=30	Pass
		75	0	19.58	-2.84	16.74	<=30	Pass
	1732.5	1	0	19.32	-2.84	16.48	<=30	Pass
			38	19.45	-2.84	16.61	<=30	Pass
			74	19.70	-2.84	16.86	<=30	Pass
		36	0	19.23	-2.84	16.39	<=30	Pass
			18	19.43	-2.84	16.59	<=30	Pass
			39	19.50	-2.84	16.66	<=30	Pass
	75	0	19.43	-2.84	16.59	<=30	Pass	
	1747.5	1	0	19.44	-2.84	16.60	<=30	Pass
			38	19.59	-2.84	16.75	<=30	Pass
			74	19.70	-2.84	16.86	<=30	Pass
		36	0	19.33	-2.84	16.49	<=30	Pass
			18	19.67	-2.84	16.83	<=30	Pass
39			19.62	-2.84	16.78	<=30	Pass	
75	0	19.60	-2.84	16.76	<=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	24.54	-2.84	21.70	<=30	Pass
			50	24.53	-2.84	21.69	<=30	Pass
			99	24.30	-2.84	21.46	<=30	Pass
		50	0	23.52	-2.84	20.68	<=30	Pass
			25	23.59	-2.84	20.75	<=30	Pass
			50	23.49	-2.84	20.65	<=30	Pass
		100	0	23.35	-2.84	20.51	<=30	Pass
	1732.5	1	0	24.31	-2.84	21.47	<=30	Pass
			50	24.47	-2.84	21.63	<=30	Pass
			99	24.33	-2.84	21.49	<=30	Pass
		50	0	23.14	-2.84	20.30	<=30	Pass
			25	23.33	-2.84	20.49	<=30	Pass
			50	23.45	-2.84	20.61	<=30	Pass
		100	0	23.36	-2.84	20.52	<=30	Pass
	1745	1	0	24.31	-2.84	21.47	<=30	Pass
			50	24.37	-2.84	21.53	<=30	Pass
			99	24.67	-2.84	21.83	<=30	Pass
		50	0	23.49	-2.84	20.65	<=30	Pass
			25	23.29	-2.84	20.45	<=30	Pass
			50	23.50	-2.84	20.66	<=30	Pass
		100	0	23.59	-2.84	20.75	<=30	Pass
16QAM	1720	1	0	23.82	-2.84	20.98	<=30	Pass
			50	23.55	-2.84	20.71	<=30	Pass
			99	23.70	-2.84	20.86	<=30	Pass
		50	0	22.43	-2.84	19.59	<=30	Pass
			25	22.61	-2.84	19.77	<=30	Pass
			50	22.38	-2.84	19.54	<=30	Pass
		100	0	22.51	-2.84	19.67	<=30	Pass
	1732.5	1	0	23.45	-2.84	20.61	<=30	Pass
			50	23.62	-2.84	20.78	<=30	Pass
			99	23.96	-2.84	21.12	<=30	Pass
		50	0	22.38	-2.84	19.54	<=30	Pass
			25	22.36	-2.84	19.52	<=30	Pass
			50	22.44	-2.84	19.60	<=30	Pass
		100	0	22.39	-2.84	19.55	<=30	Pass
	1745	1	0	23.54	-2.84	20.70	<=30	Pass
			50	23.57	-2.84	20.73	<=30	Pass
			99	24.03	-2.84	21.19	<=30	Pass
		50	0	22.45	-2.84	19.61	<=30	Pass
			25	22.41	-2.84	19.57	<=30	Pass
			50	22.60	-2.84	19.76	<=30	Pass
		100	0	22.44	-2.84	19.60	<=30	Pass
64QAM	1720	1	0	23.73	-2.84	20.89	<=30	Pass
			50	23.73	-2.84	20.89	<=30	Pass
			99	23.24	-2.84	20.40	<=30	Pass
		50	0	22.48	-2.84	19.64	<=30	Pass
			25	22.42	-2.84	19.58	<=30	Pass
			50	22.47	-2.84	19.63	<=30	Pass
		100	0	22.51	-2.84	19.67	<=30	Pass
	1732.5	1	0	23.48	-2.84	20.64	<=30	Pass
			50	23.07	-2.84	20.23	<=30	Pass
			99	23.55	-2.84	20.71	<=30	Pass
		50	0	22.39	-2.84	19.55	<=30	Pass
			25	22.12	-2.84	19.28	<=30	Pass
			50	22.56	-2.84	19.72	<=30	Pass
		100	0	22.38	-2.84	19.54	<=30	Pass

	1745	1	0	22.68	-2.84	19.84	<=30	Pass		
			50	23.50	-2.84	20.66	<=30	Pass		
			99	23.78	-2.84	20.94	<=30	Pass		
		50	0	22.36	-2.84	19.52	<=30	Pass		
			25	22.39	-2.84	19.55	<=30	Pass		
			50	22.55	-2.84	19.71	<=30	Pass		
		100	0	22.64	-2.84	19.80	<=30	Pass		
		256QAM	1720	1	0	19.33	-2.84	16.49	<=30	Pass
					50	19.60	-2.84	16.76	<=30	Pass
99	19.46				-2.84	16.62	<=30	Pass		
50	0			19.43	-2.84	16.59	<=30	Pass		
	25			19.43	-2.84	16.59	<=30	Pass		
	50			19.36	-2.84	16.52	<=30	Pass		
100	0			19.58	-2.84	16.74	<=30	Pass		
1732.5	1			0	19.33	-2.84	16.49	<=30	Pass	
				50	19.45	-2.84	16.61	<=30	Pass	
			99	19.56	-2.84	16.72	<=30	Pass		
	50		0	19.41	-2.84	16.57	<=30	Pass		
			25	19.24	-2.84	16.40	<=30	Pass		
			50	19.51	-2.84	16.67	<=30	Pass		
	100		0	19.44	-2.84	16.60	<=30	Pass		
	1745		1	0	19.00	-2.84	16.16	<=30	Pass	
				50	19.63	-2.84	16.79	<=30	Pass	
99				19.80	-2.84	16.96	<=30	Pass		
50			0	19.43	-2.84	16.59	<=30	Pass		
			25	19.45	-2.84	16.61	<=30	Pass		
			50	19.55	-2.84	16.71	<=30	Pass		
100			0	19.51	-2.84	16.67	<=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	-1.600	-0.0009	-2.5 to 2.5	Pass
					NV	-2.500	-0.0014	-2.5 to 2.5	Pass
					HV	-2.500	-0.0014	-2.5 to 2.5	Pass
				-30	NV	-1.400	-0.0008	-2.5 to 2.5	Pass
				-20	NV	-0.400	-0.0002	-2.5 to 2.5	Pass
				-10	NV	-2.200	-0.0013	-2.5 to 2.5	Pass
				0	NV	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	NV	-0.800	-0.0005	-2.5 to 2.5	Pass
				30	NV	-1.500	-0.0009	-2.5 to 2.5	Pass
				40	NV	-1.100	-0.0006	-2.5 to 2.5	Pass
				50	NV	-1.900	-0.0011	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.122	/	Pass
	16QAM	1732.5	6	0	1.138	/	Pass
	64QAM	1732.5	6	0	1.123	/	Pass
	256QAM	1732.5	6	0	1.125	/	Pass
3	QPSK	1732.5	15	0	2.748	/	Pass
	16QAM	1732.5	15	0	2.750	/	Pass
	64QAM	1732.5	15	0	2.738	/	Pass
	256QAM	1732.5	15	0	2.770	/	Pass
5	QPSK	1732.5	25	0	4.561	/	Pass
	16QAM	1732.5	25	0	4.561	/	Pass
	64QAM	1732.5	25	0	4.559	/	Pass
	256QAM	1732.5	25	0	4.546	/	Pass
10	QPSK	1732.5	50	0	9.106	/	Pass
	16QAM	1732.5	50	0	9.141	/	Pass
	64QAM	1732.5	50	0	9.082	/	Pass
	256QAM	1732.5	50	0	9.078	/	Pass
15	QPSK	1732.5	75	0	13.670	/	Pass
	16QAM	1732.5	75	0	13.696	/	Pass
	64QAM	1732.5	75	0	13.636	/	Pass
	256QAM	1732.5	75	0	13.631	/	Pass
20	QPSK	1732.5	100	0	18.186	/	Pass
	16QAM	1732.5	100	0	18.200	/	Pass
	64QAM	1732.5	100	0	18.129	/	Pass
	256QAM	1732.5	100	0	18.180	/	Pass

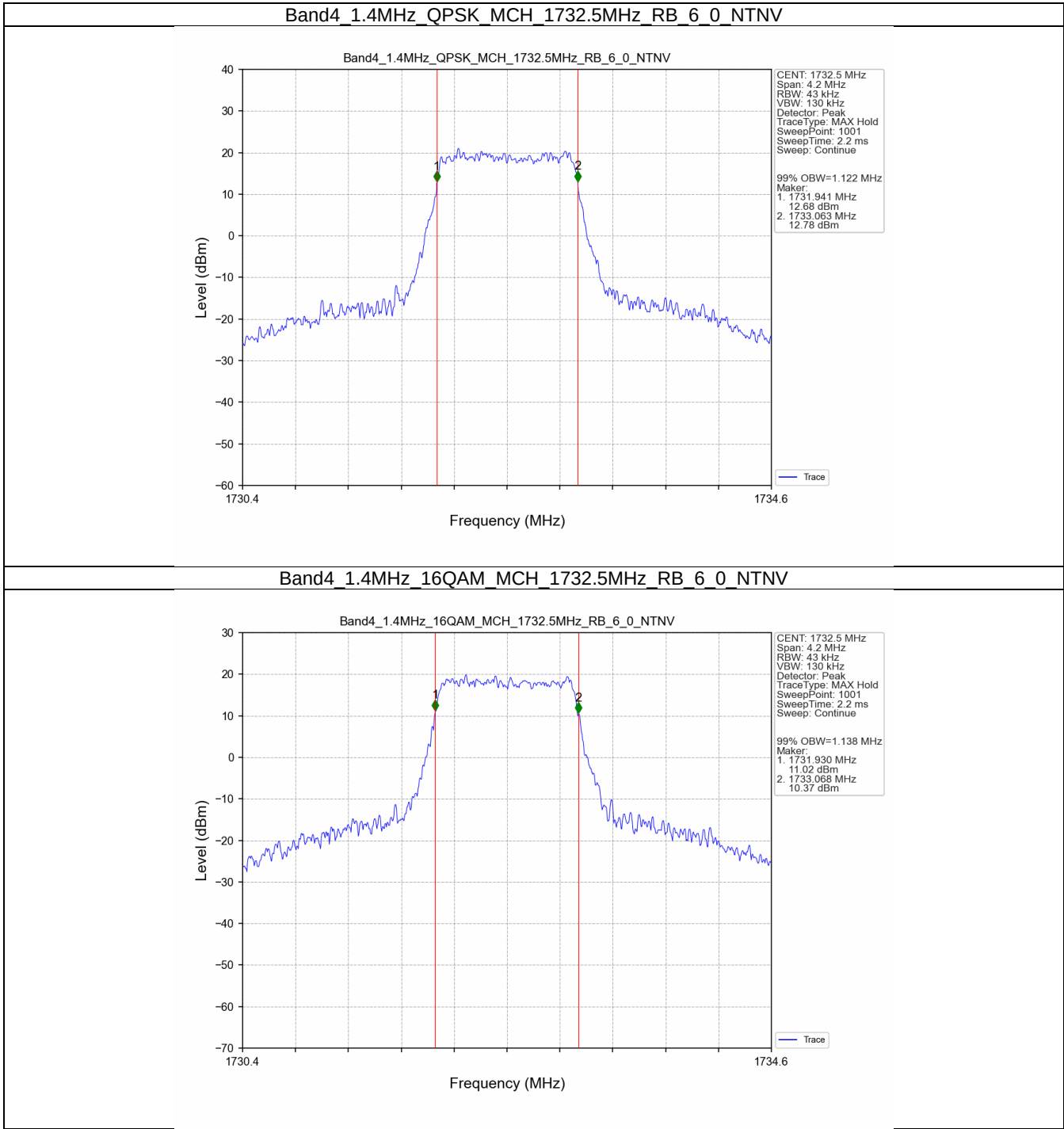
3.1.2 Band4_XDB

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	1.393	/	Pass
	16QAM	1732.5	6	0	1.418	/	Pass
	64QAM	1732.5	6	0	1.406	/	Pass
	256QAM	1732.5	6	0	1.405	/	Pass
3	QPSK	1732.5	15	0	3.133	/	Pass
	16QAM	1732.5	15	0	3.096	/	Pass
	64QAM	1732.5	15	0	3.126	/	Pass
	256QAM	1732.5	15	0	3.117	/	Pass
5	QPSK	1732.5	25	0	5.212	/	Pass
	16QAM	1732.5	25	0	5.221	/	Pass
	64QAM	1732.5	25	0	5.168	/	Pass
	256QAM	1732.5	25	0	5.266	/	Pass
10	QPSK	1732.5	50	0	10.242	/	Pass
	16QAM	1732.5	50	0	10.131	/	Pass
	64QAM	1732.5	50	0	10.183	/	Pass

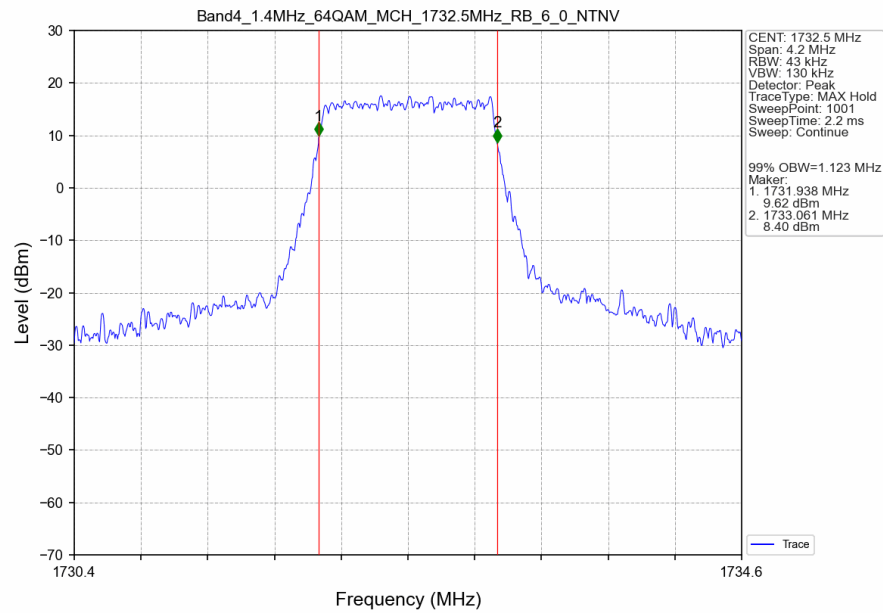
	256QAM	1732.5	50	0	10.218	/	Pass
15	QPSK	1732.5	75	0	15.188	/	Pass
	16QAM	1732.5	75	0	15.246	/	Pass
	64QAM	1732.5	75	0	15.129	/	Pass
	256QAM	1732.5	75	0	15.241	/	Pass
20	QPSK	1732.5	100	0	20.071	/	Pass
	16QAM	1732.5	100	0	20.225	/	Pass
	64QAM	1732.5	100	0	20.005	/	Pass
	256QAM	1732.5	100	0	20.102	/	Pass

3.2 Test Graph

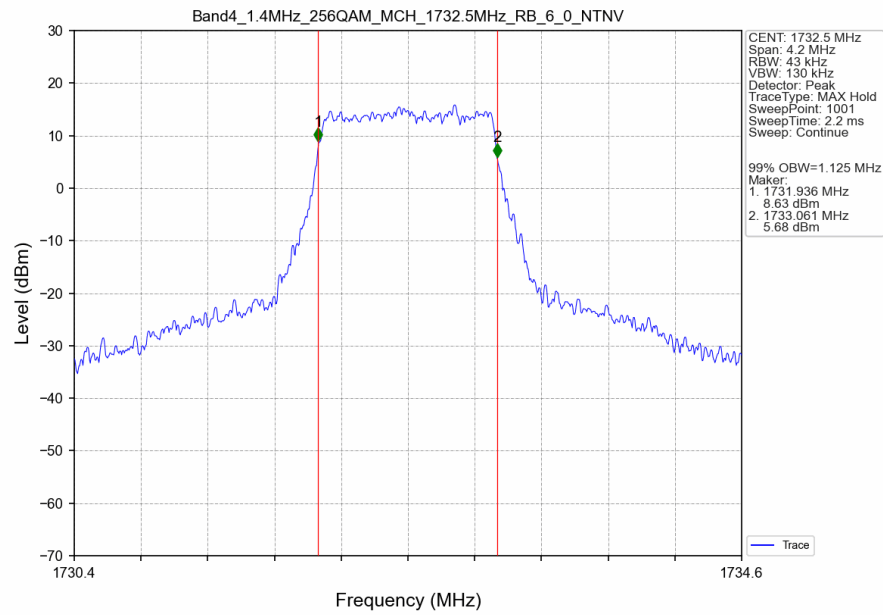
3.2.1 Band4_OBW



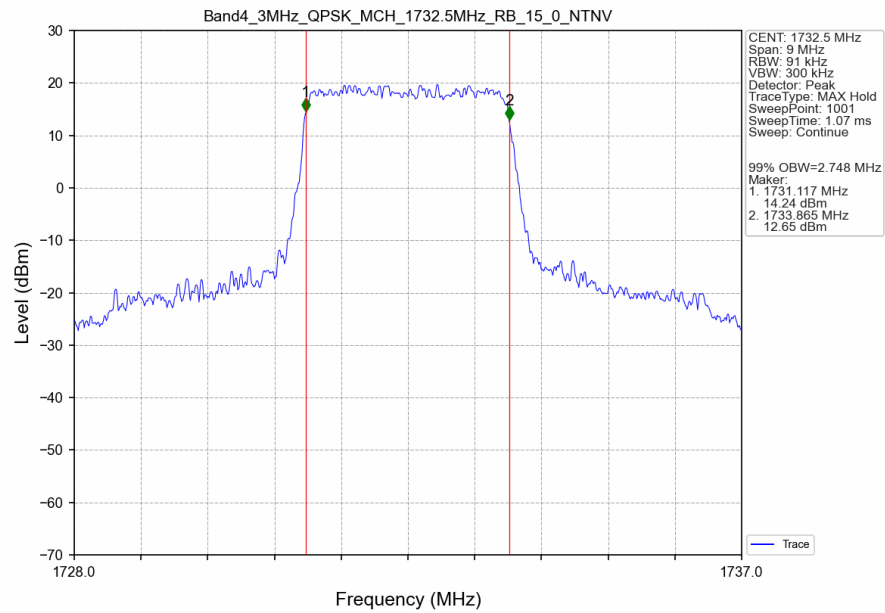
Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTN



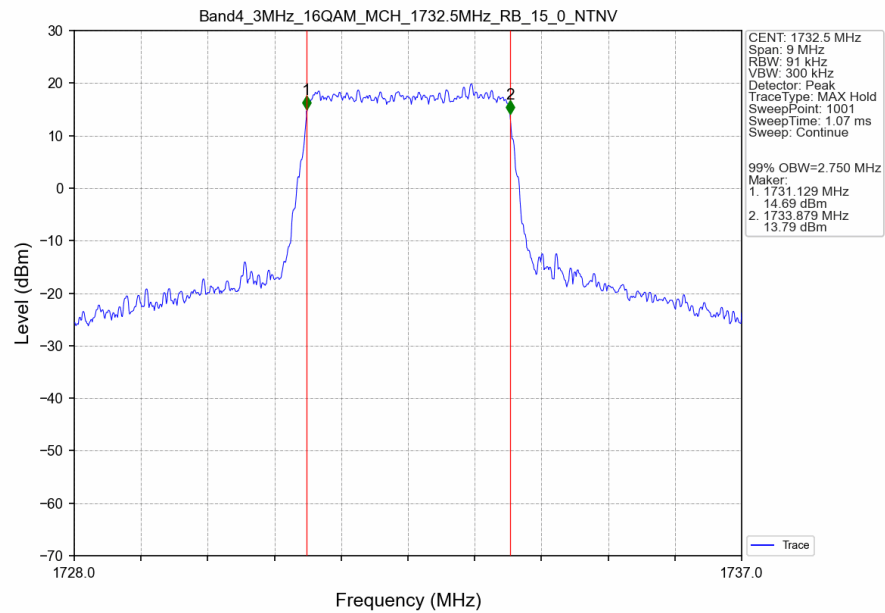
Band4 1.4MHz 256QAM MCH 1732.5MHz RB 6 0 NTN



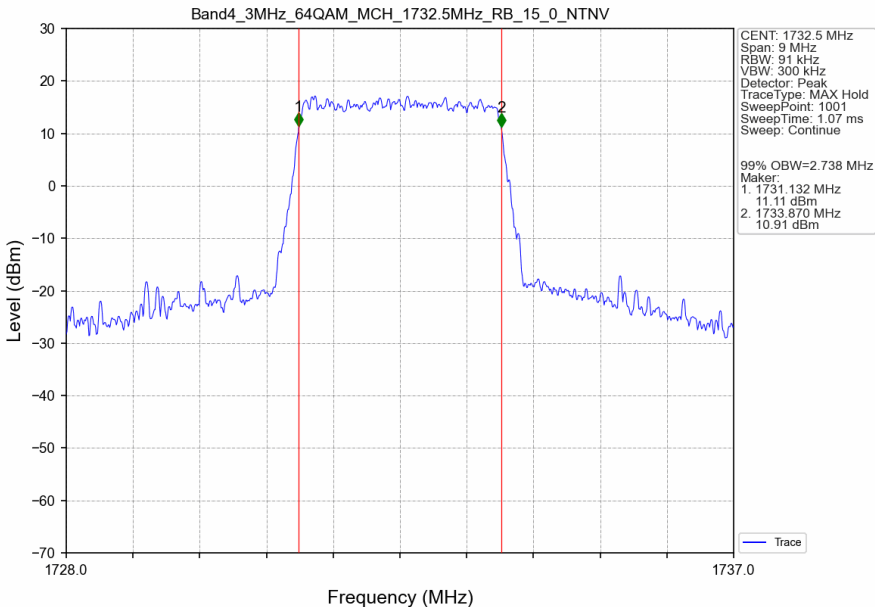
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTV



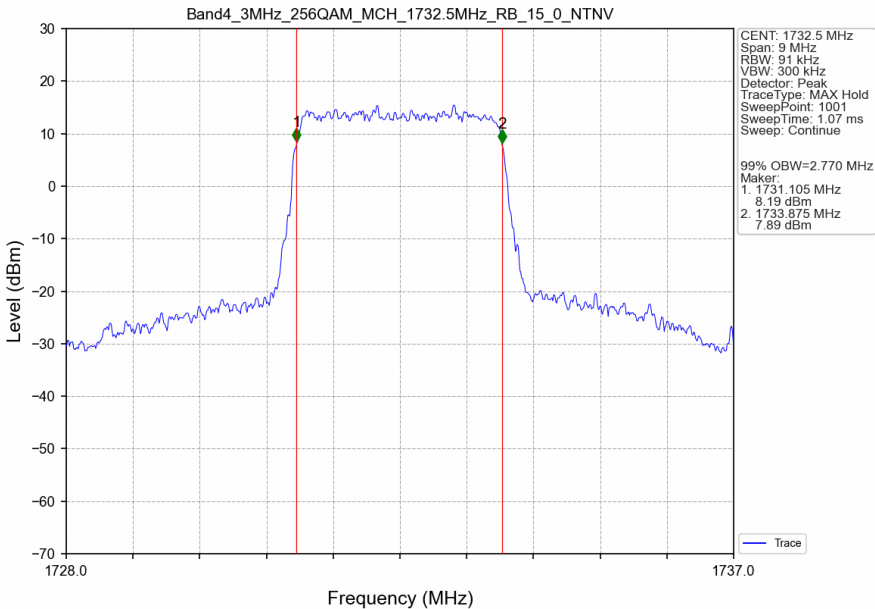
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTV



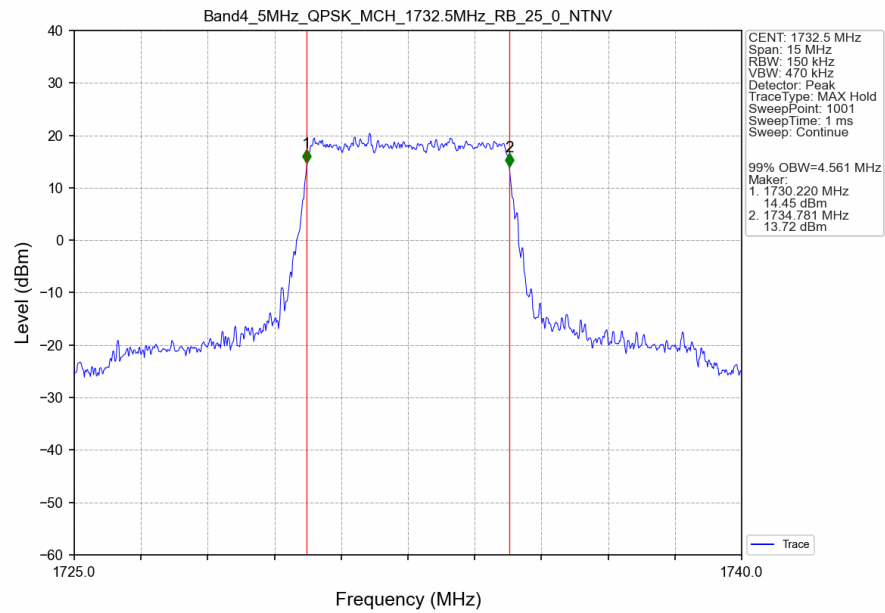
Band4 3MHz 64QAM MCH 1732.5MHz RB 15 0 NTNV



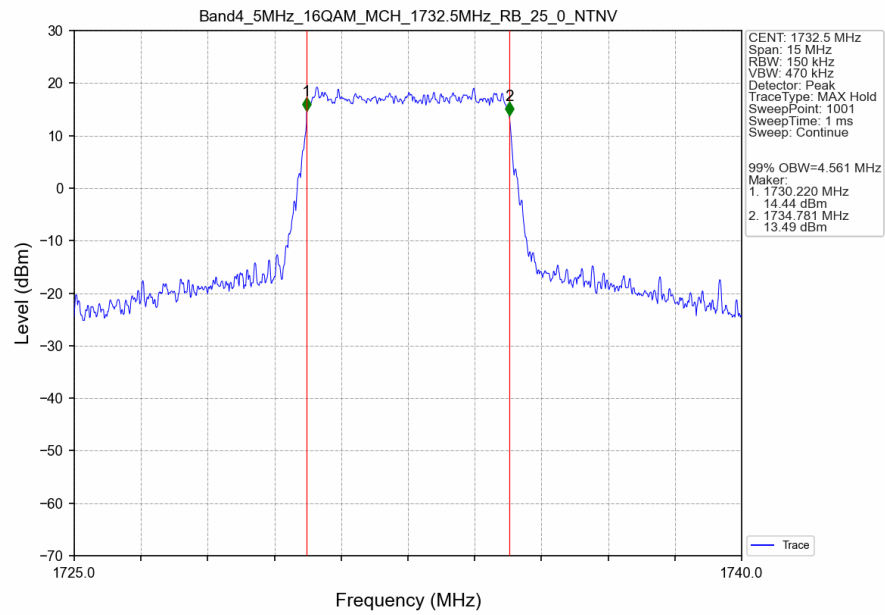
Band4 3MHz 256QAM MCH 1732.5MHz RB 15 0 NTNV



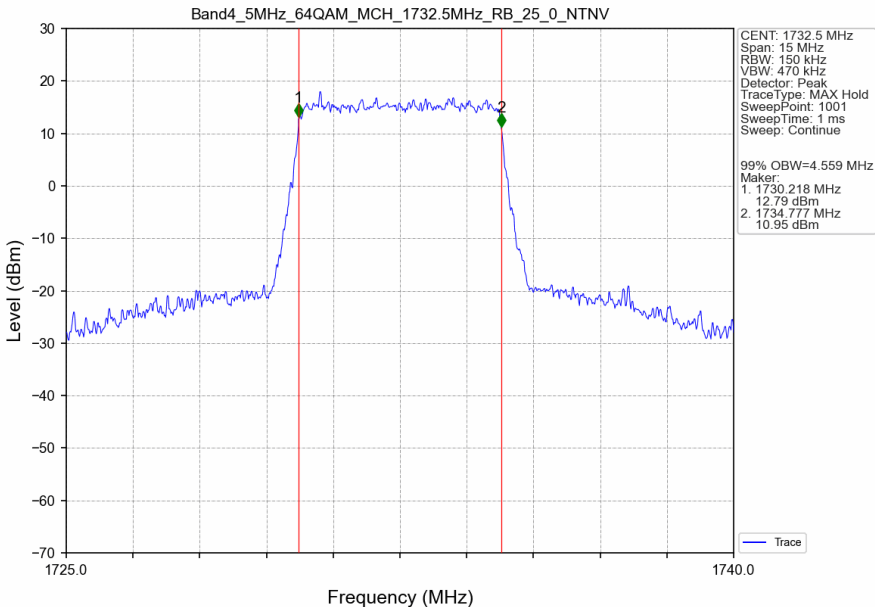
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTV



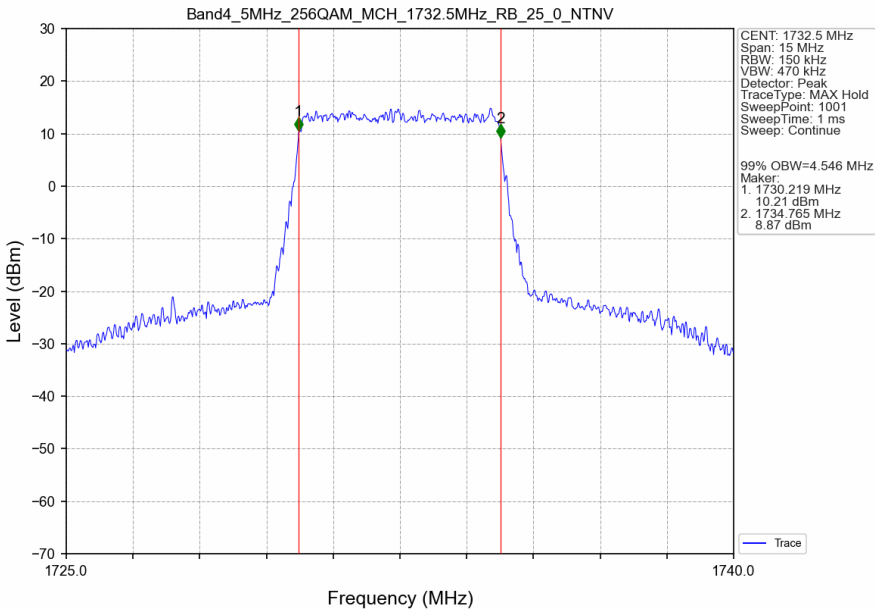
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTV



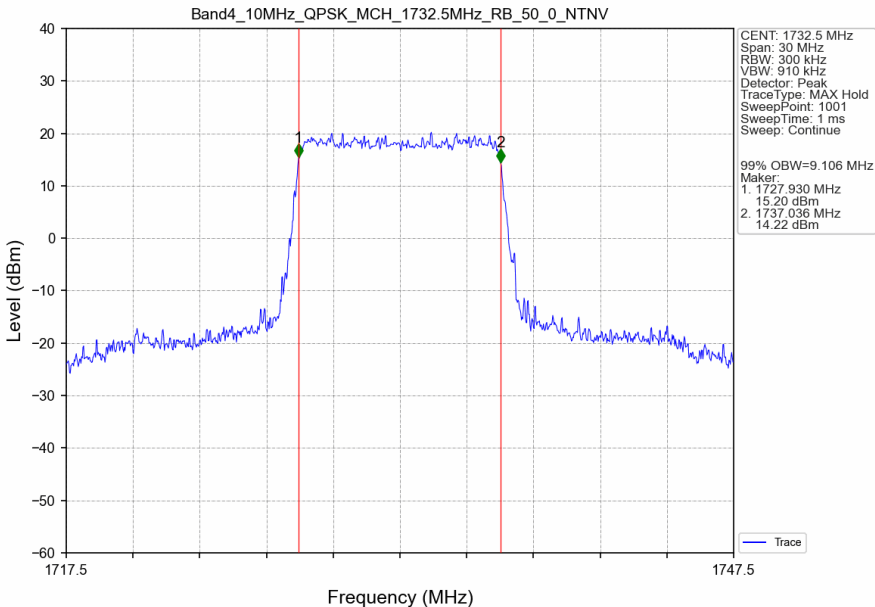
Band4 5MHz 64QAM MCH 1732.5MHz RB 25 0 NTNV



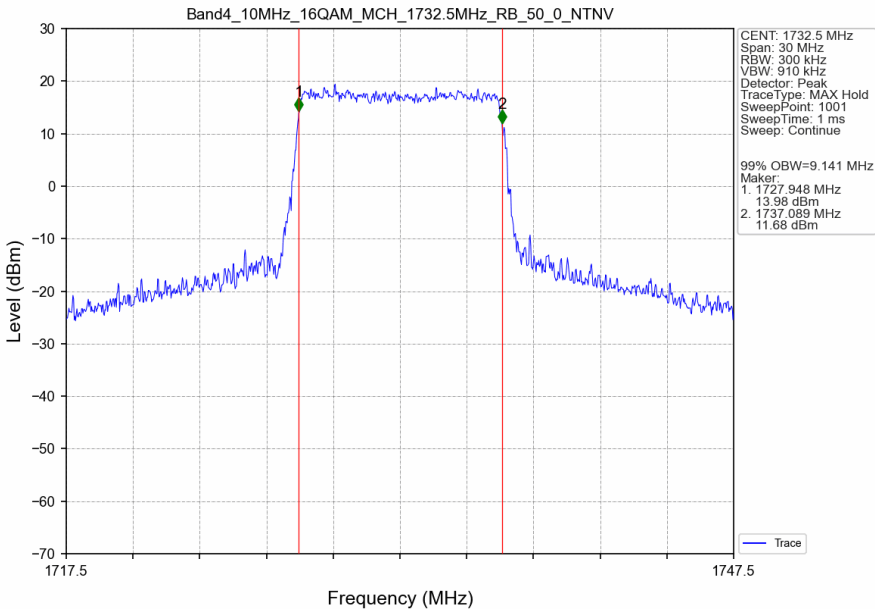
Band4 5MHz 256QAM MCH 1732.5MHz RB 25 0 NTNV



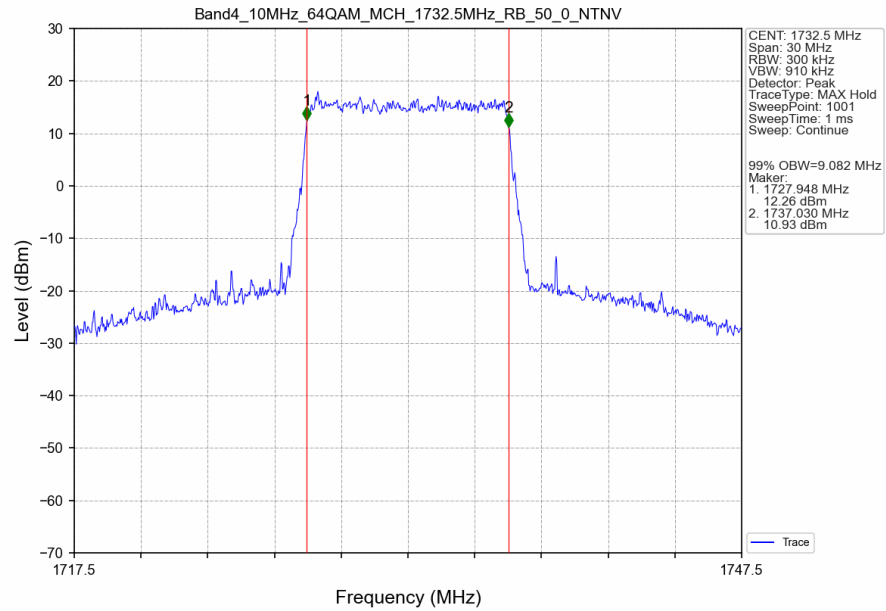
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTV



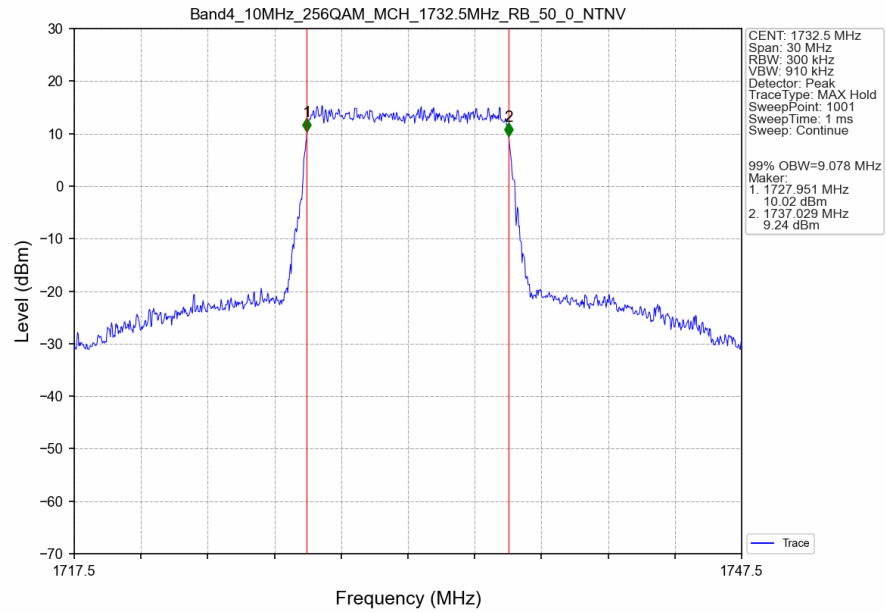
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTV



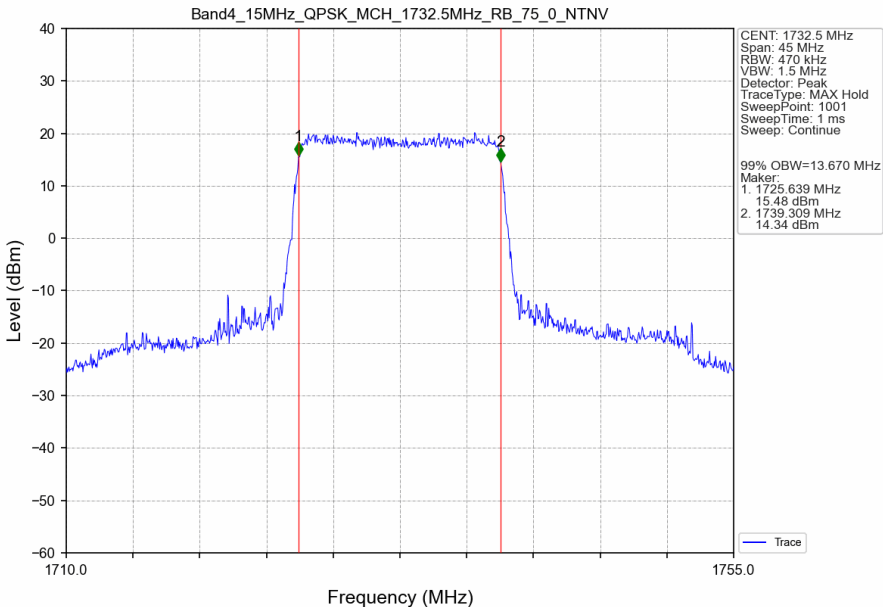
Band4 10MHz 64QAM MCH 1732.5MHz RB 50 0 NTNV



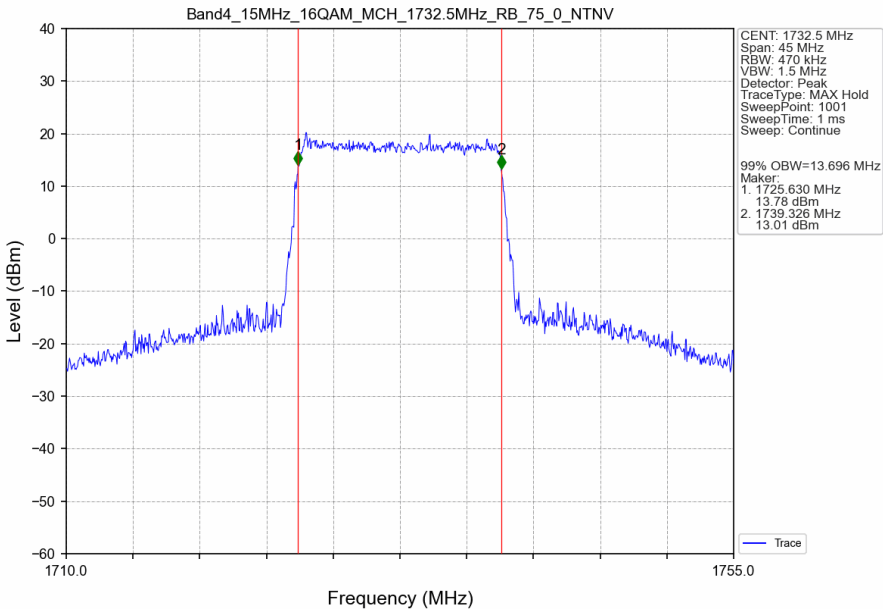
Band4 10MHz 256QAM MCH 1732.5MHz RB 50 0 NTNV



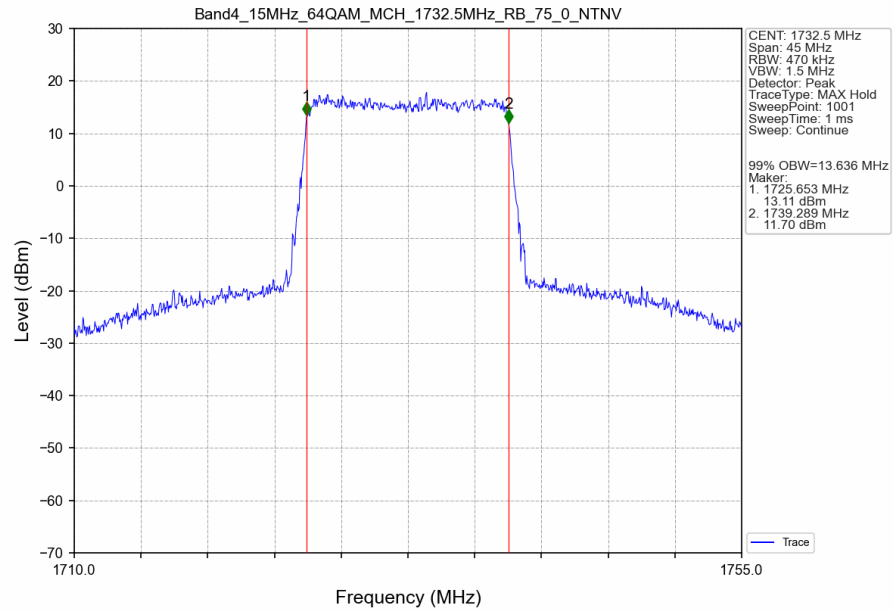
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTV



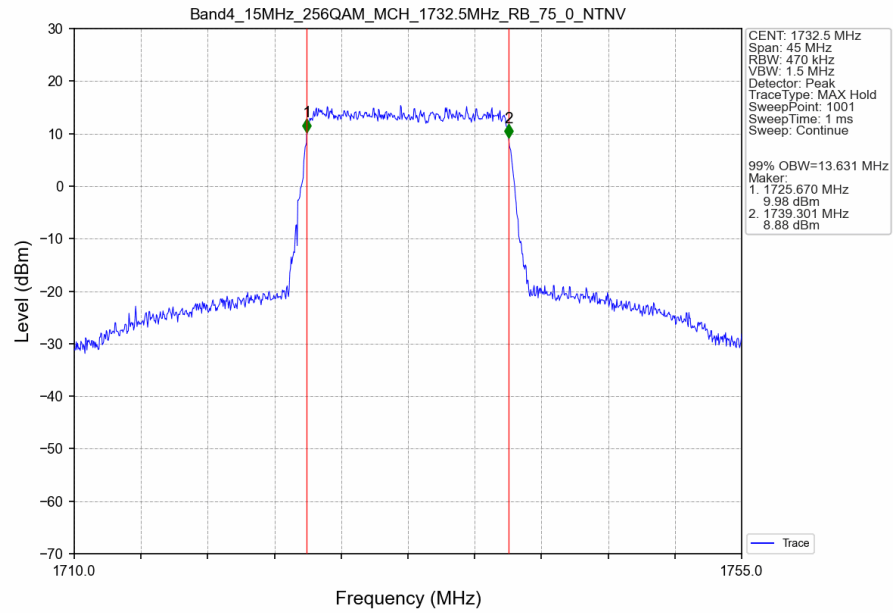
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTV



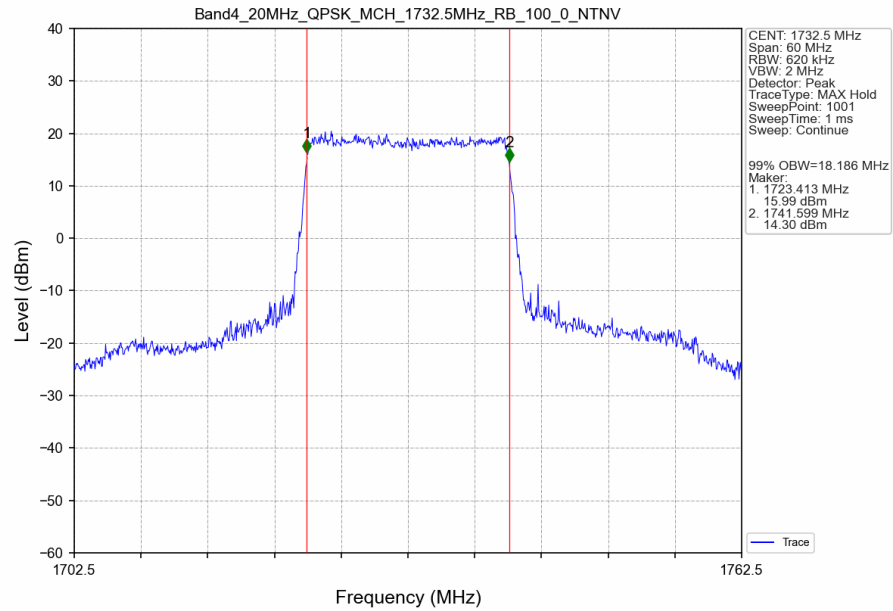
Band4 15MHz 64QAM MCH 1732.5MHz RB 75 0 NTNV



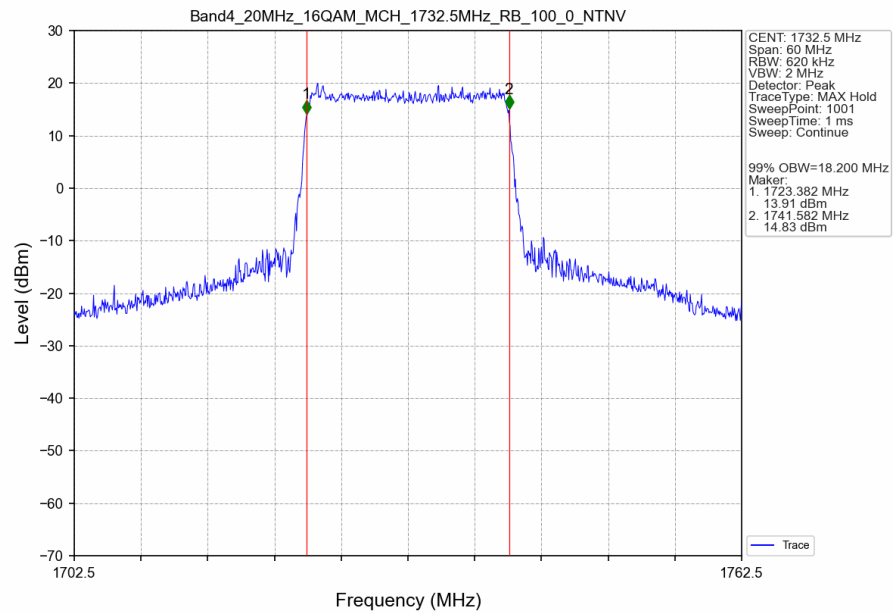
Band4 15MHz 256QAM MCH 1732.5MHz RB 75 0 NTNV



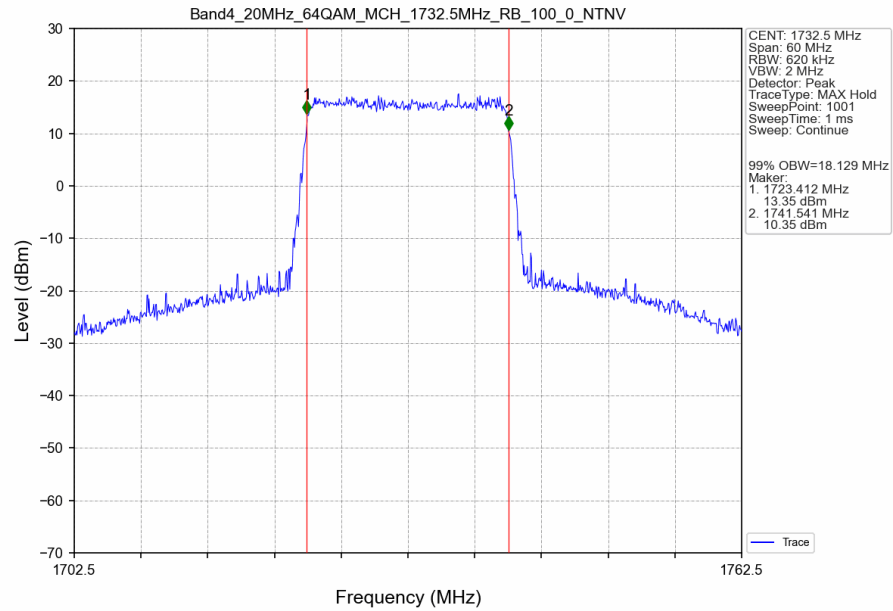
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



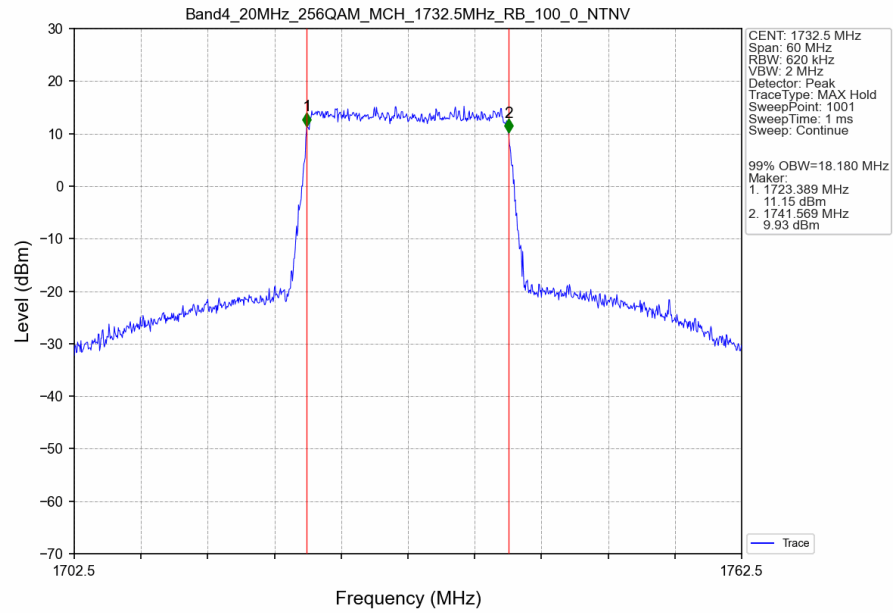
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTNV



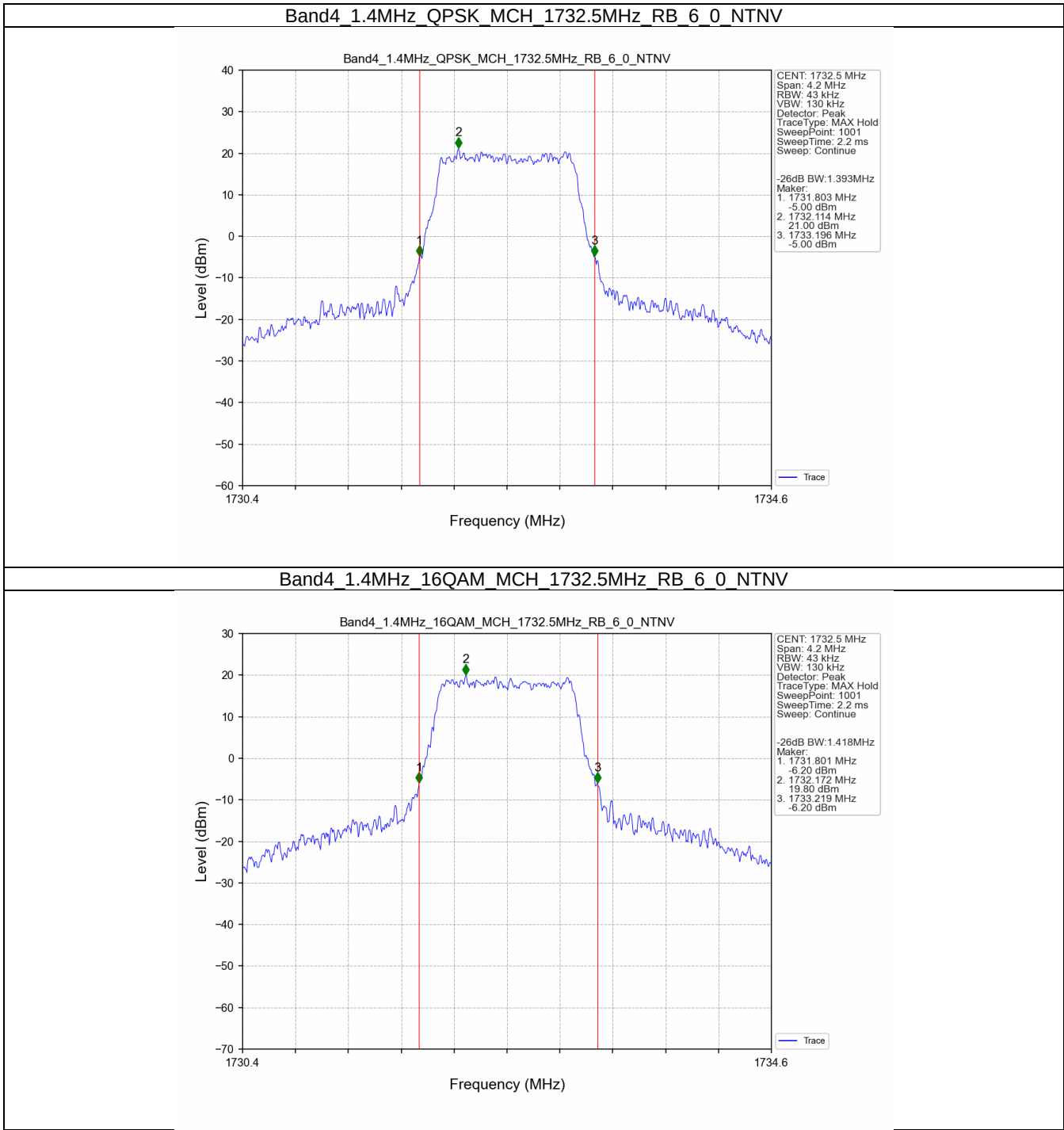
Band4 20MHz 64QAM MCH 1732.5MHz RB 100 0 NTN



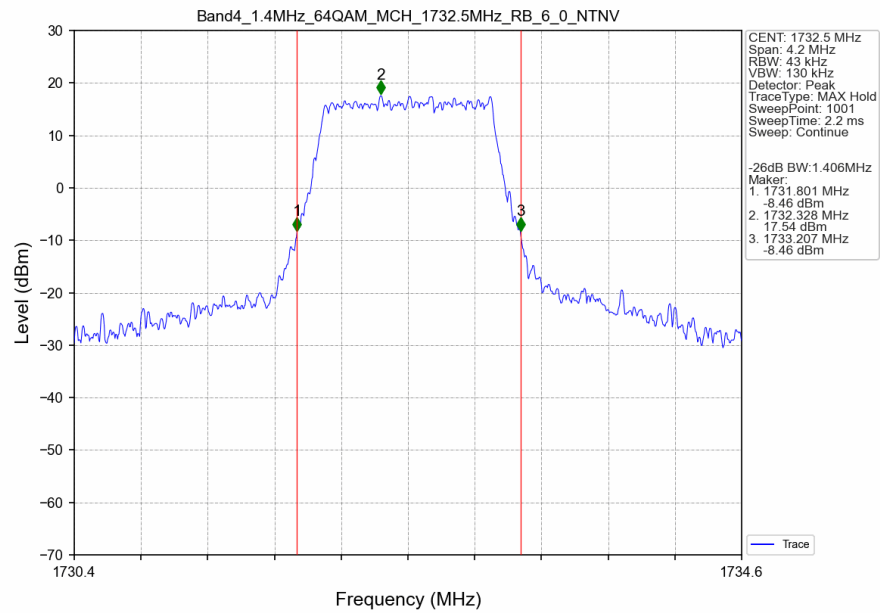
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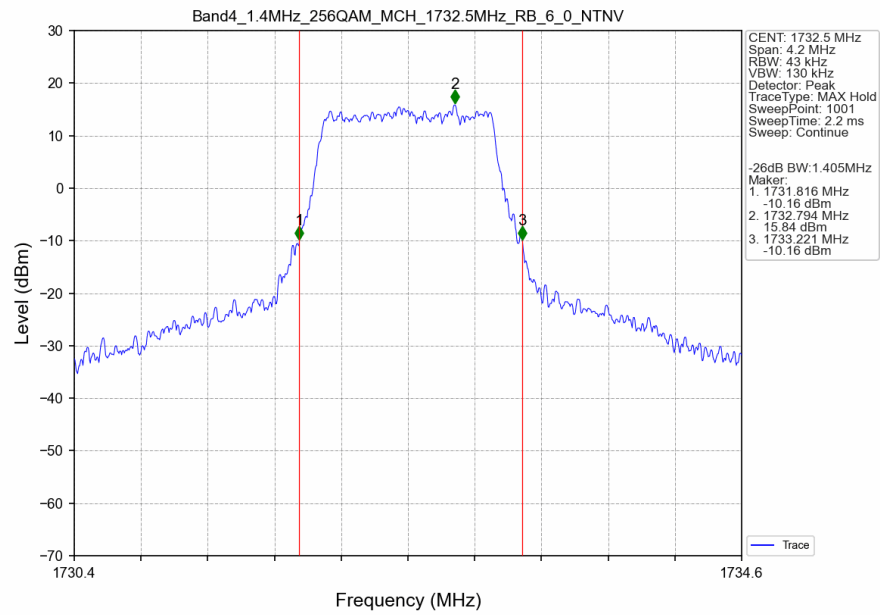
3.2.2 Band4_XDB



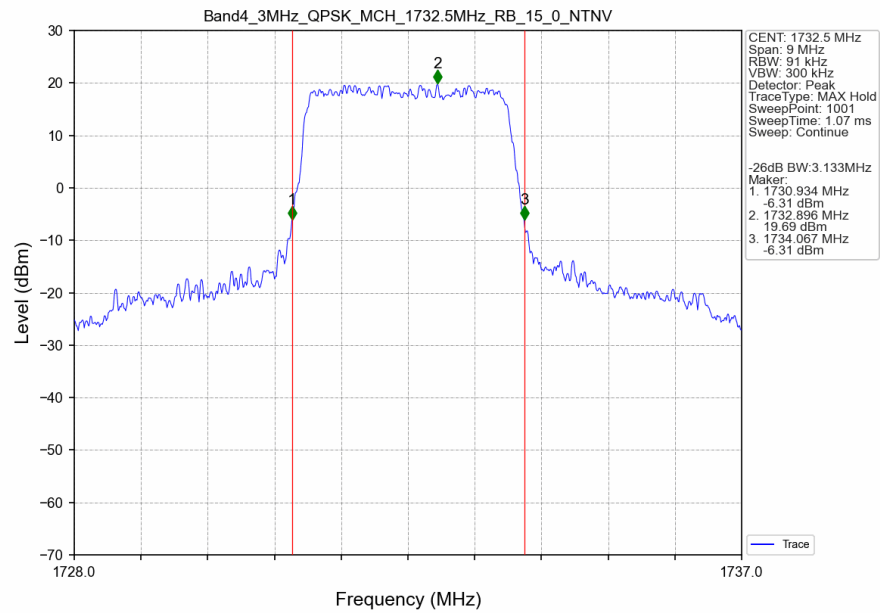
Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTN



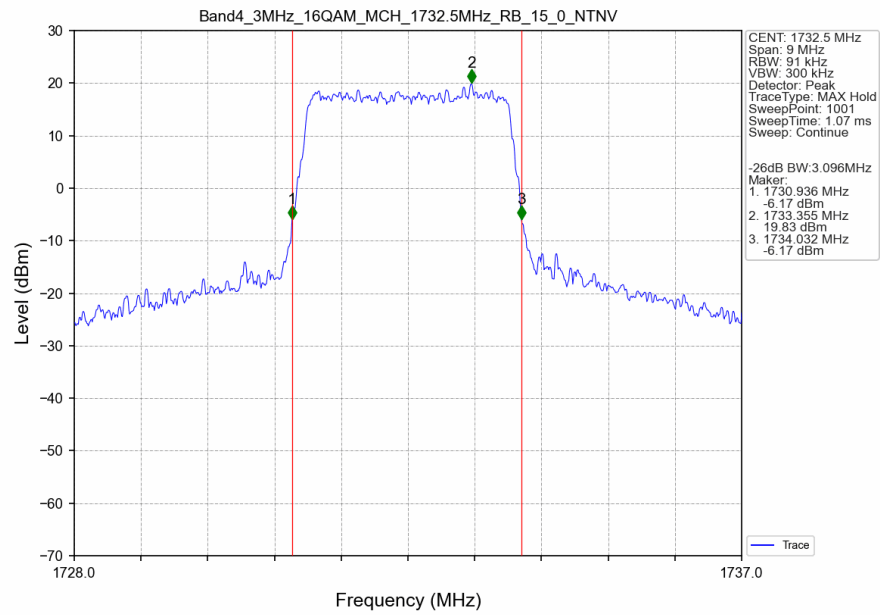
Band4 1.4MHz 256QAM MCH 1732.5MHz RB 6 0 NTN



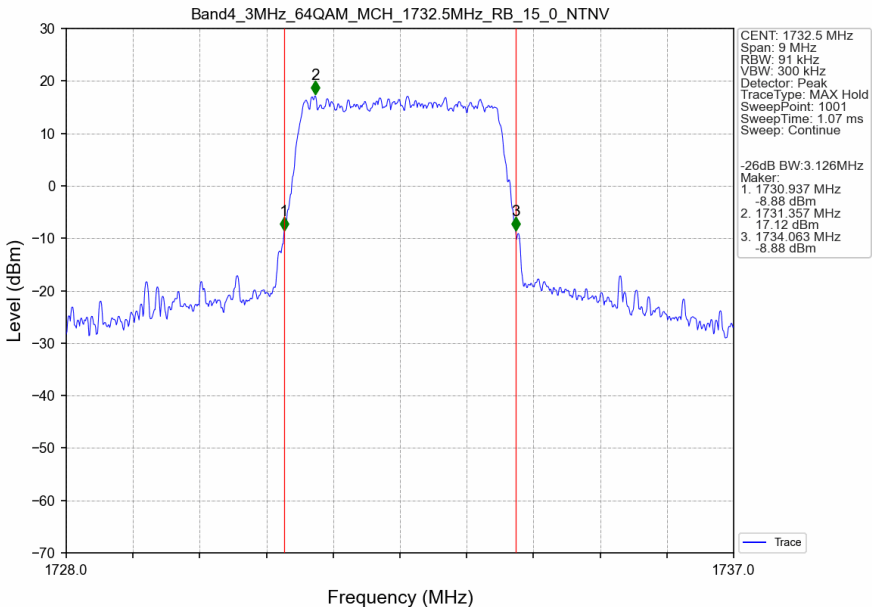
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



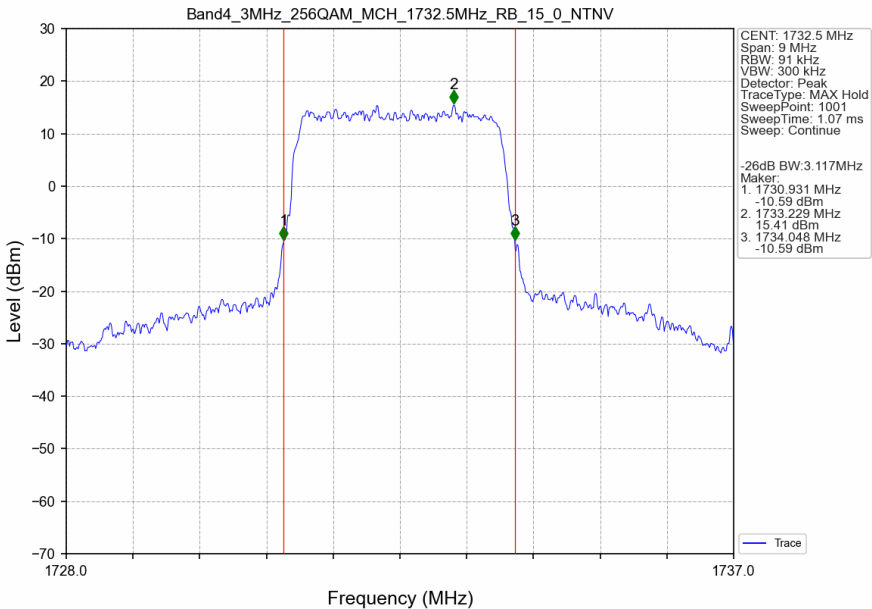
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



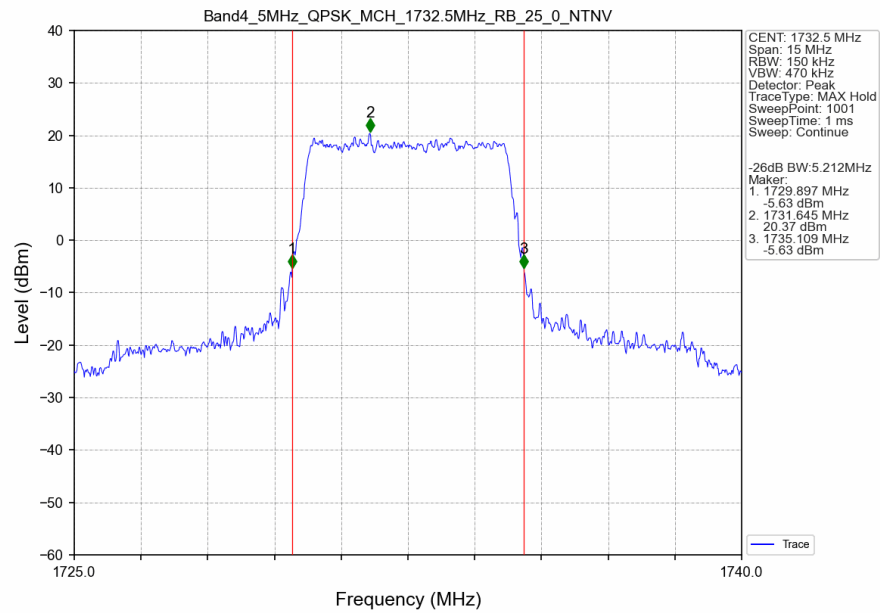
Band4 3MHz 64QAM MCH 1732.5MHz RB 15 0 NTN



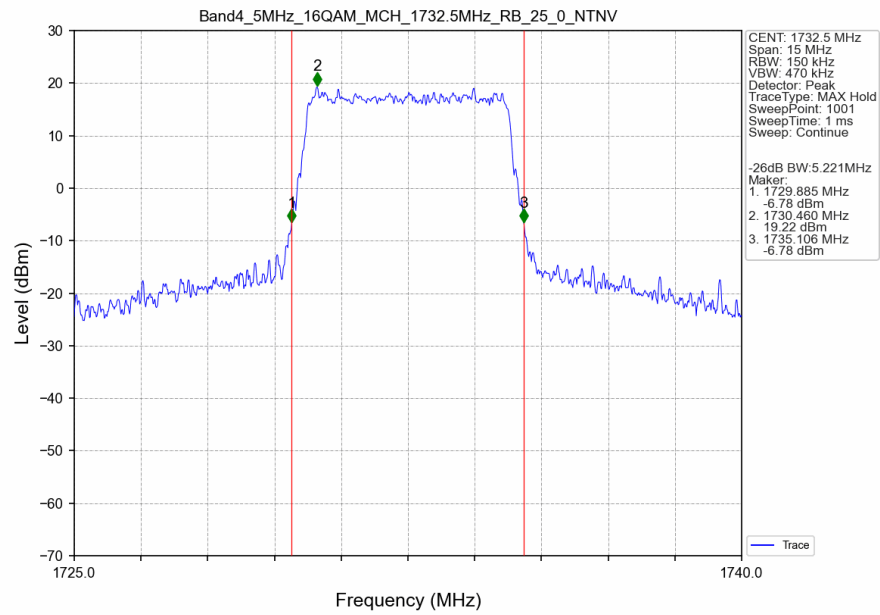
Band4 3MHz 256QAM MCH 1732.5MHz RB 15 0 NTN



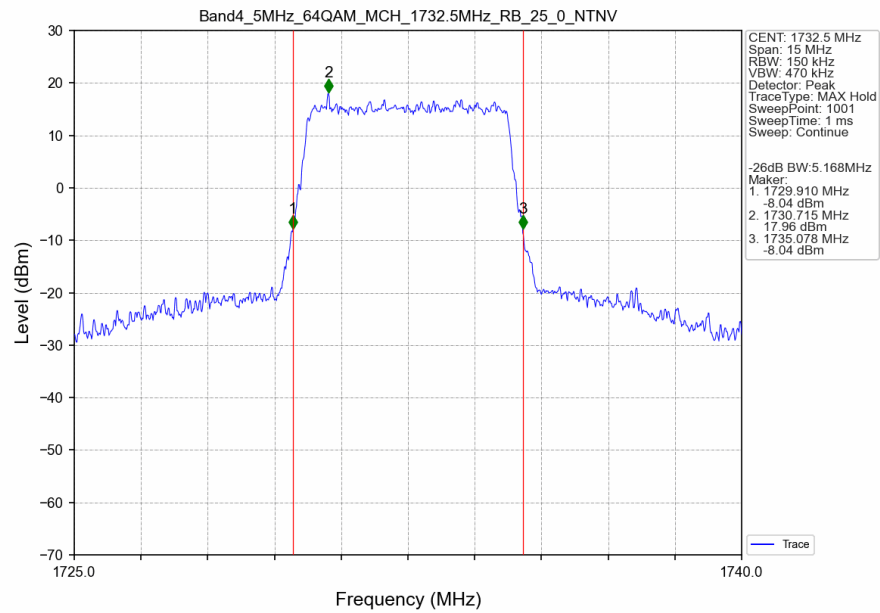
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTV



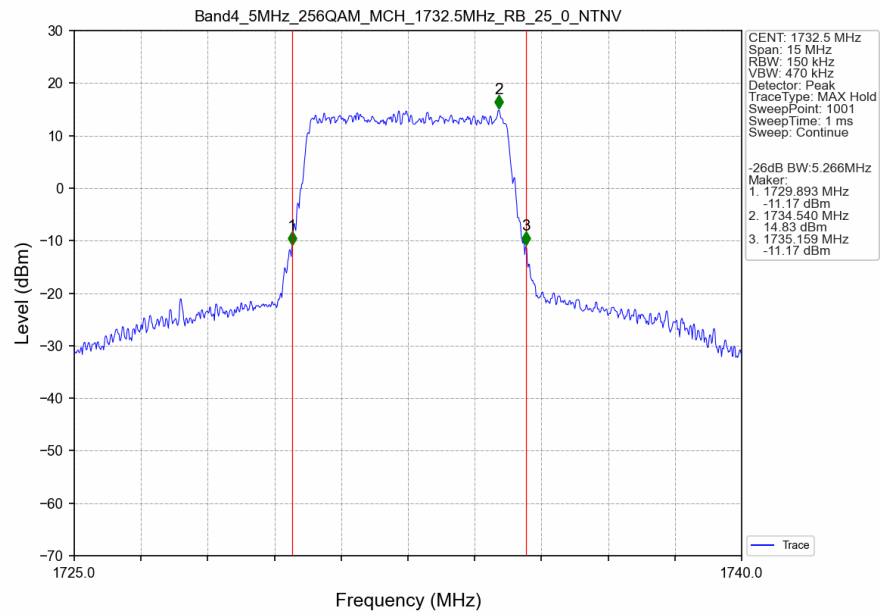
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTV



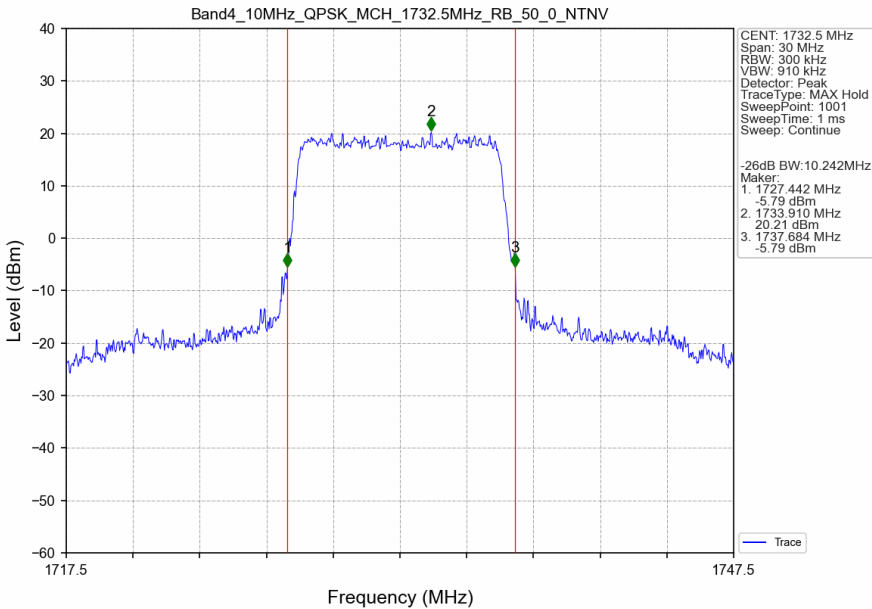
Band4 5MHz 64QAM MCH 1732.5MHz RB 25 0 NTNV



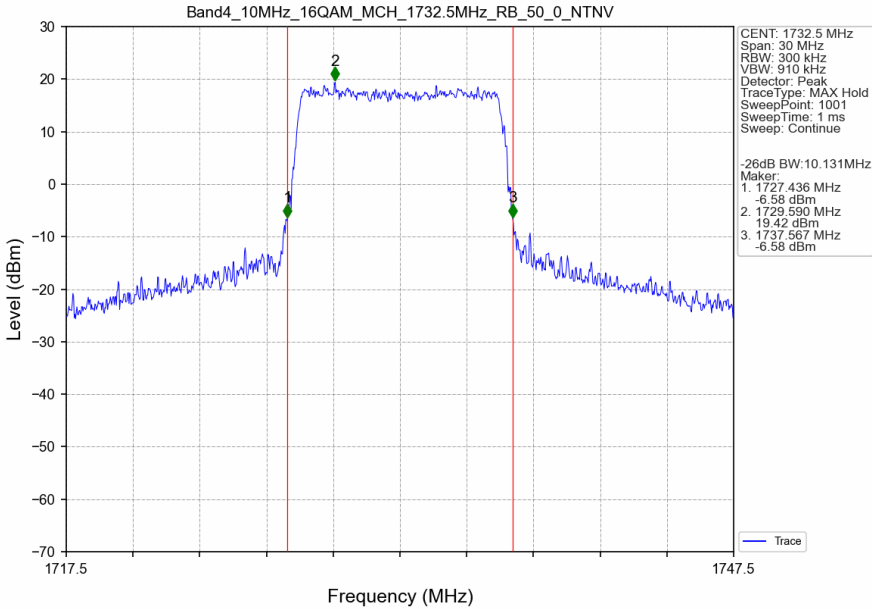
Band4 5MHz 256QAM MCH 1732.5MHz RB 25 0 NTNV



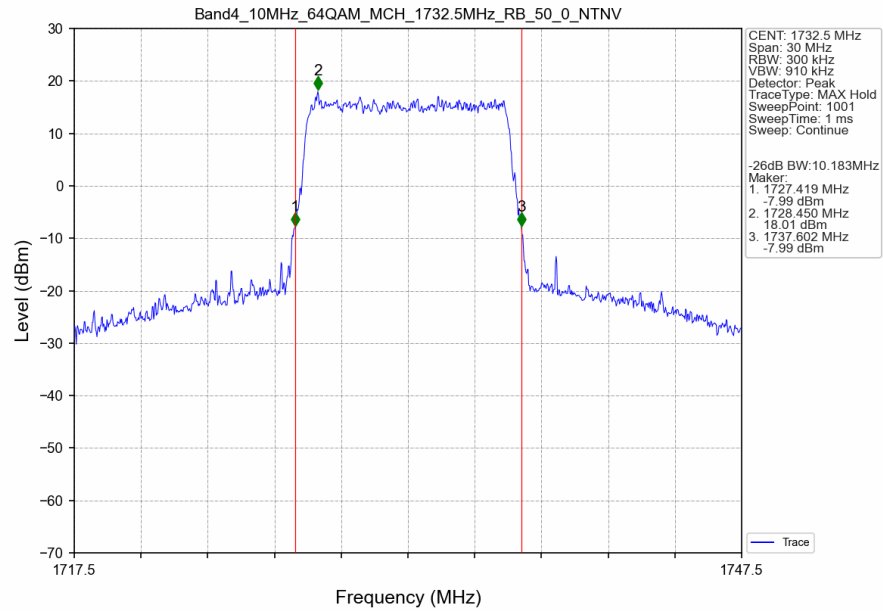
Band4 10MHz QPSK MCH 1732.5MHz RB 50 0 NTNV



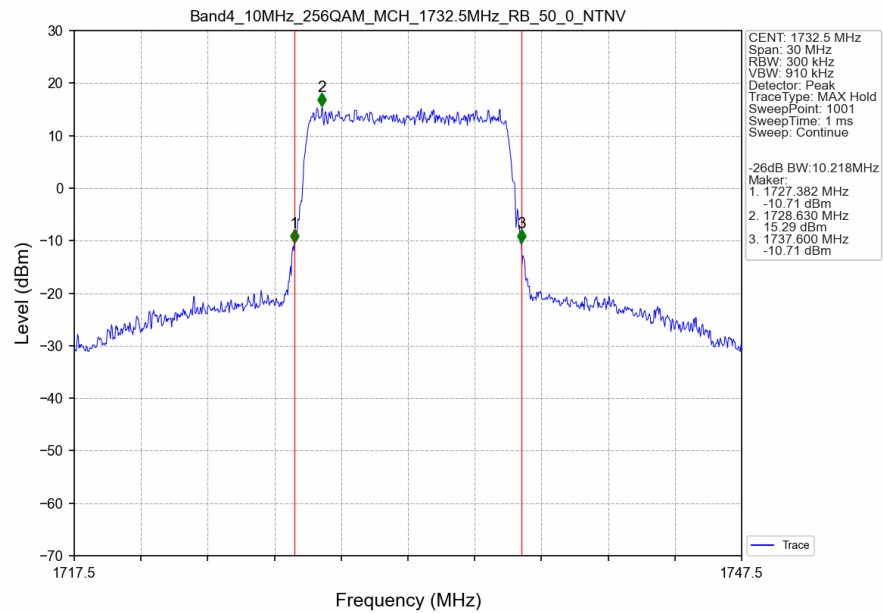
Band4 10MHz 16QAM MCH 1732.5MHz RB 50 0 NTNV



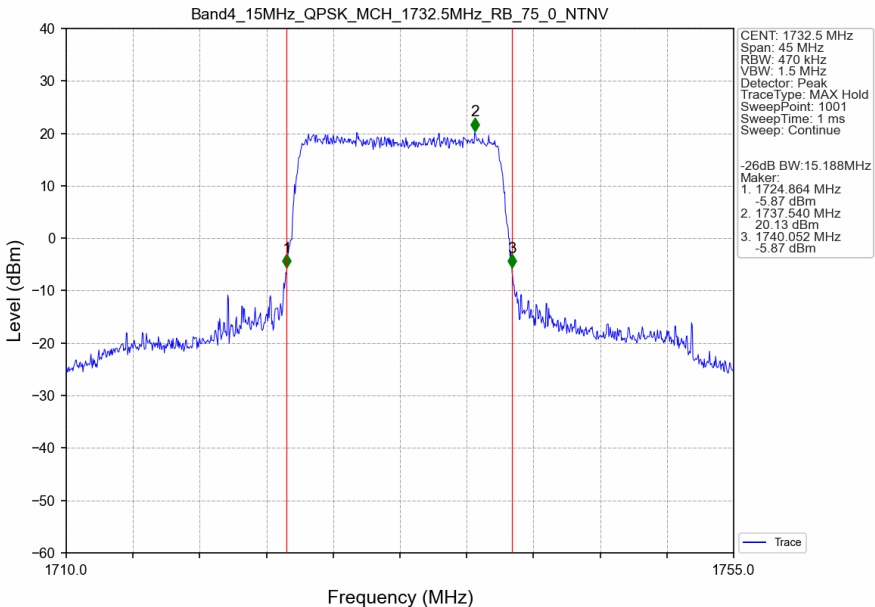
Band4 10MHz 64QAM MCH 1732.5MHz RB 50 0 NTN



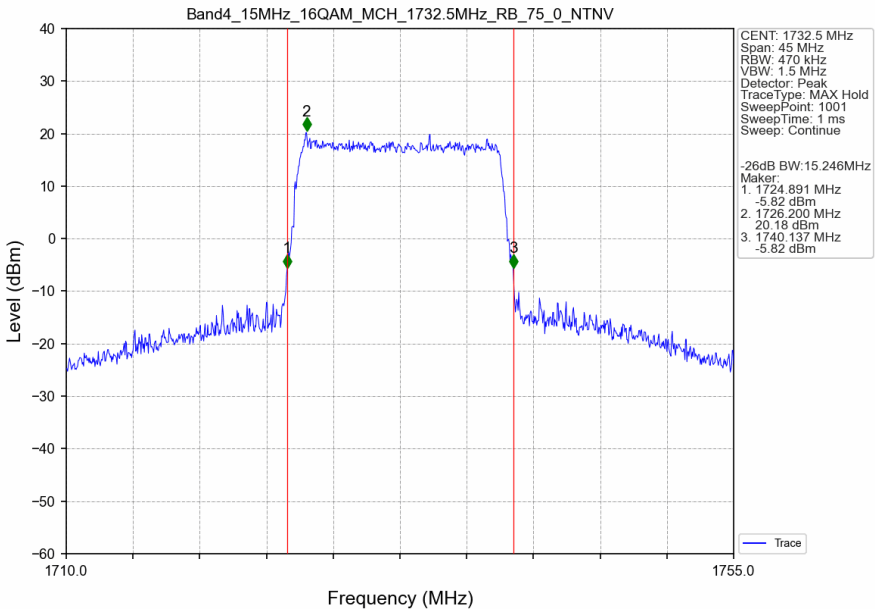
Band4 10MHz 256QAM MCH 1732.5MHz RB 50 0 NTN



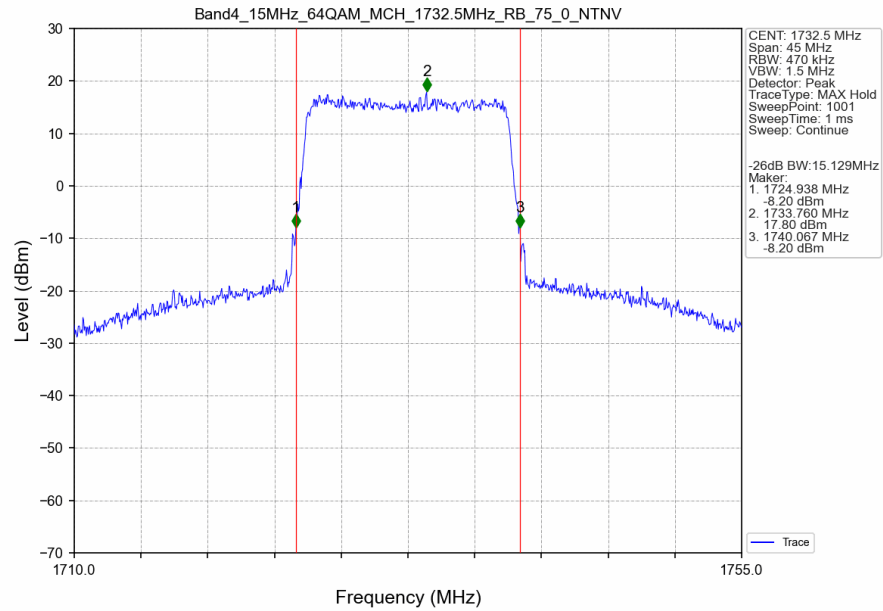
Band4 15MHz QPSK MCH 1732.5MHz RB 75 0 NTN



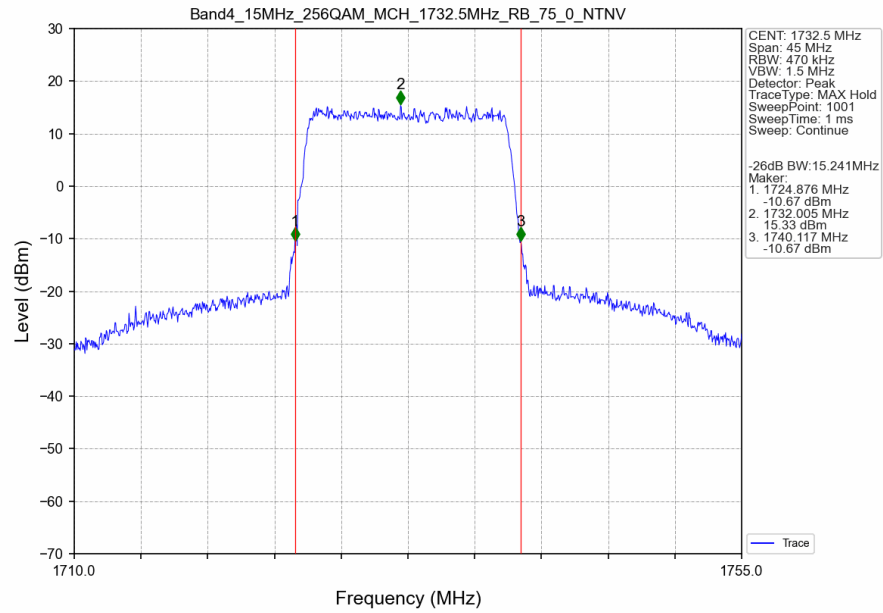
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTN



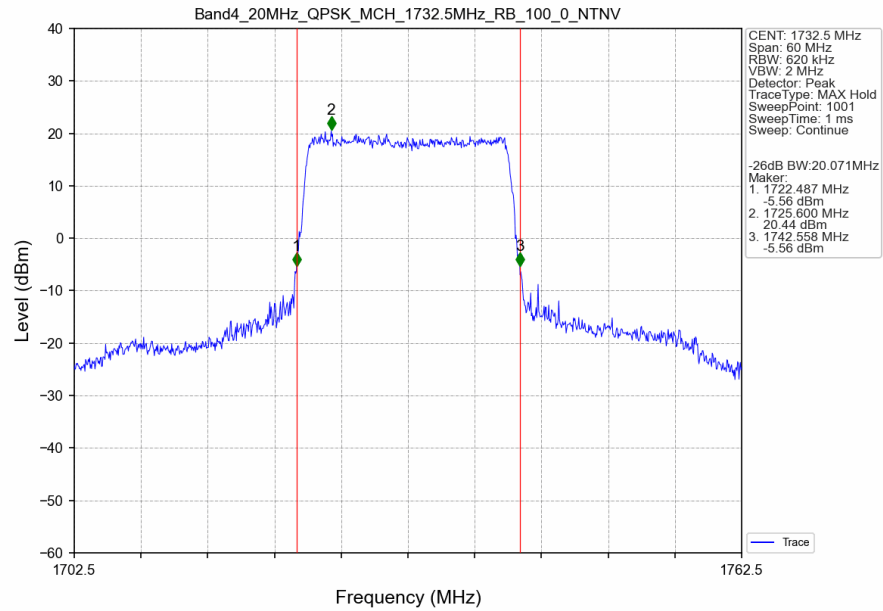
Band4 15MHz 64QAM MCH 1732.5MHz RB 75 0 NTNV



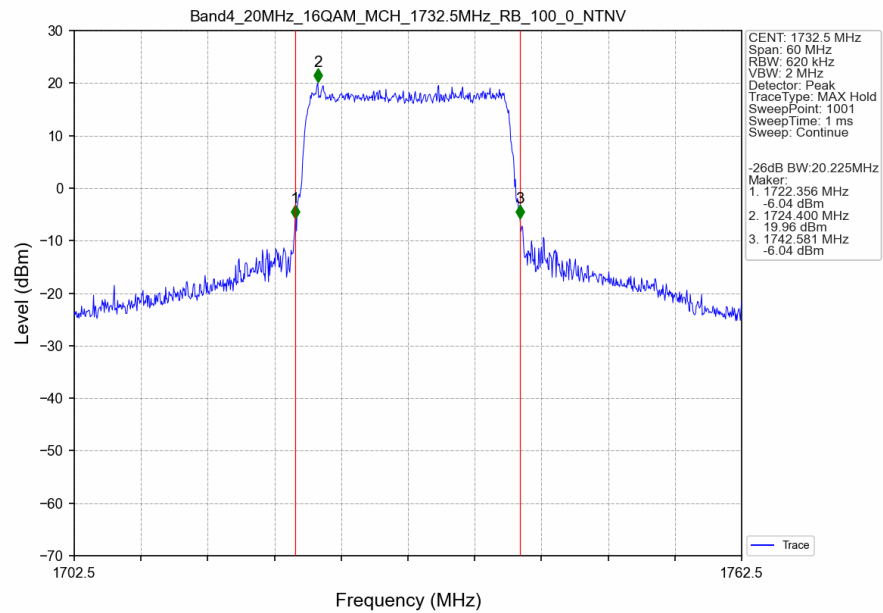
Band4 15MHz 256QAM MCH 1732.5MHz RB 75 0 NTNV



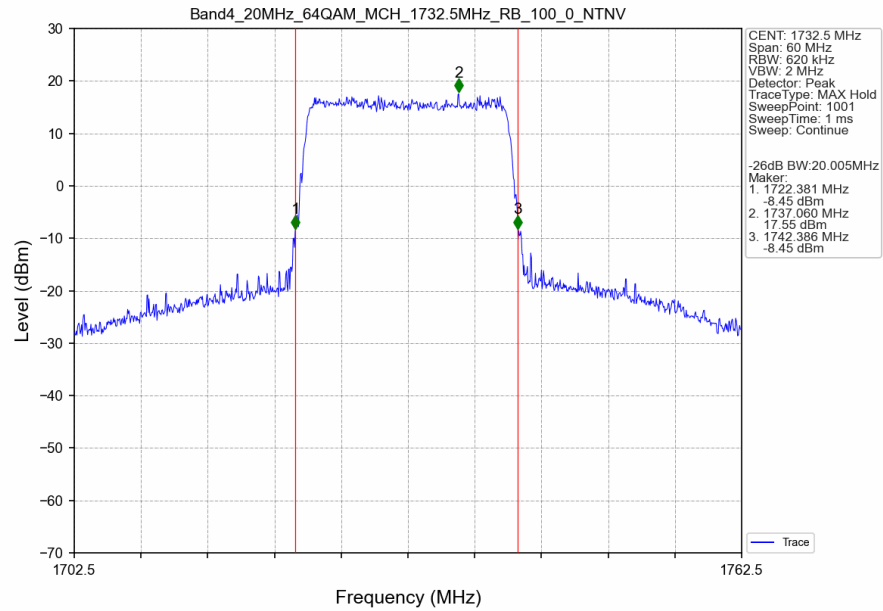
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTV



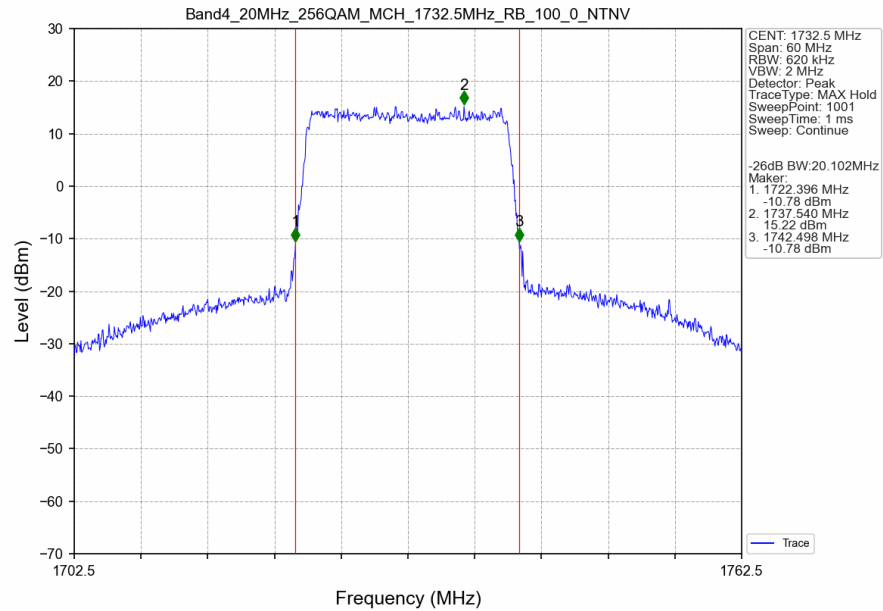
Band4 20MHz 16QAM MCH 1732.5MHz RB 100 0 NTV



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



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



4. Peak-Average Ratio

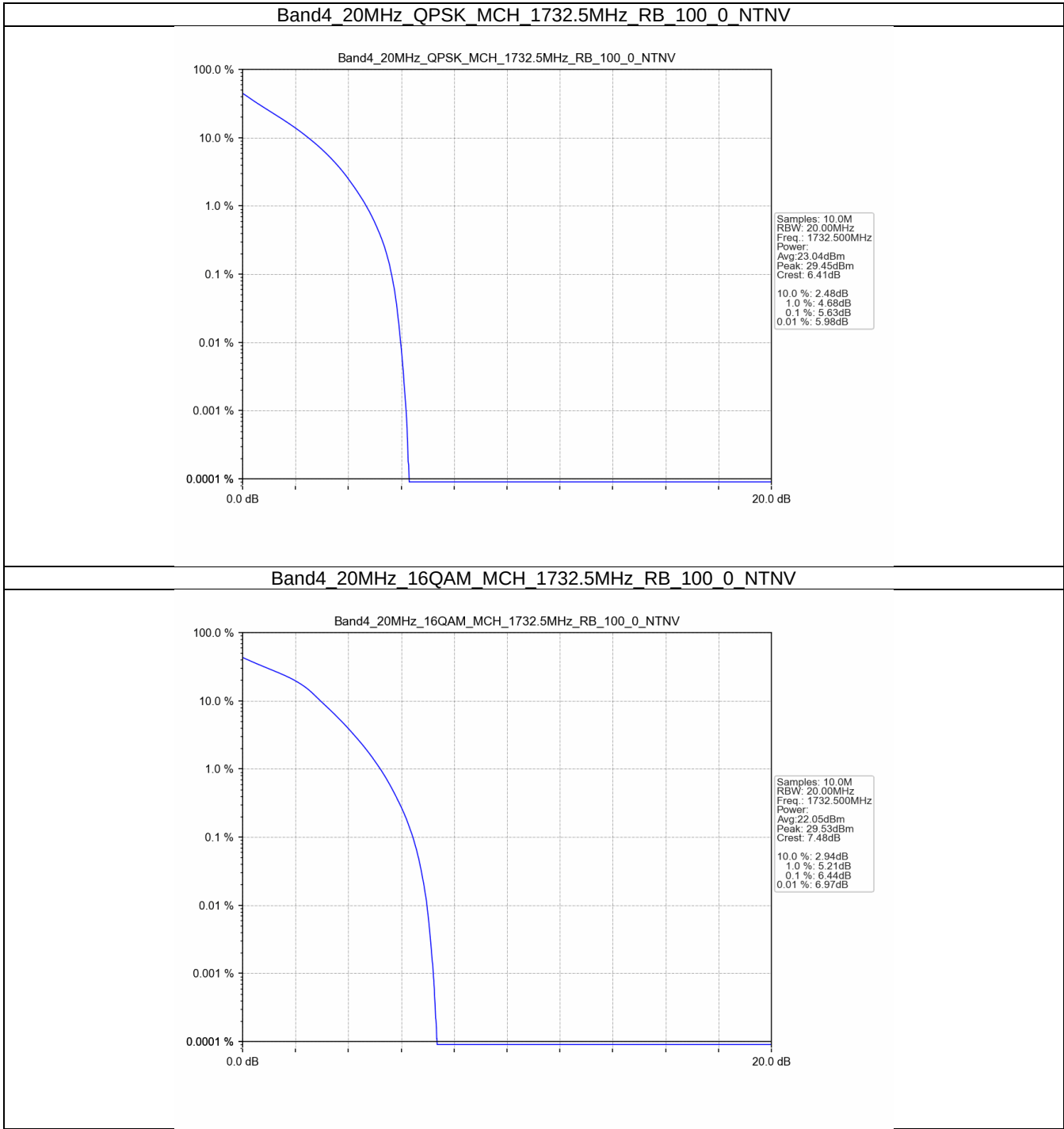
4.1 Test Result

4.1.1 B4_20MHz

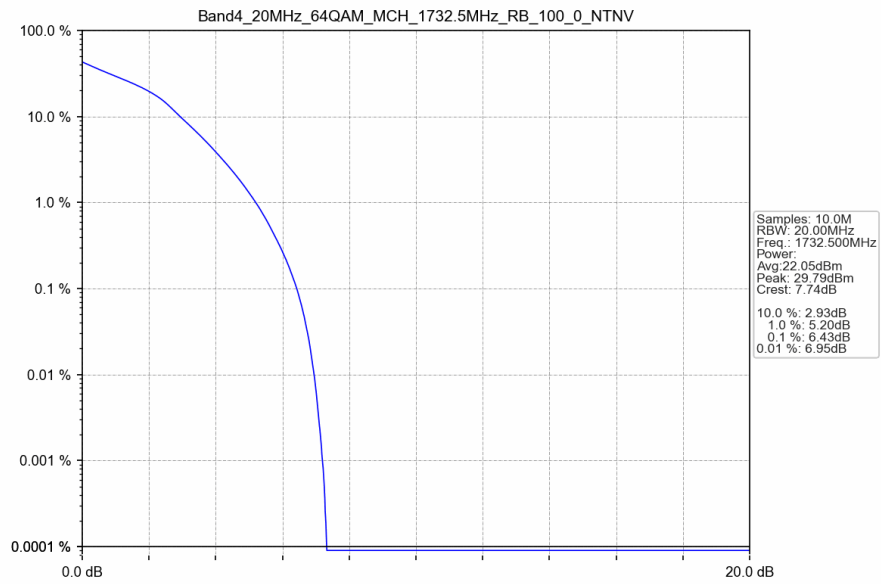
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.63	<=13	Pass
16QAM	1732.5	100	0	6.44	<=13	Pass
64QAM	1732.5	100	0	6.43	<=13	Pass
256QAM	1732.5	100	0	6.80	<=13	Pass

4.2 Test Graph

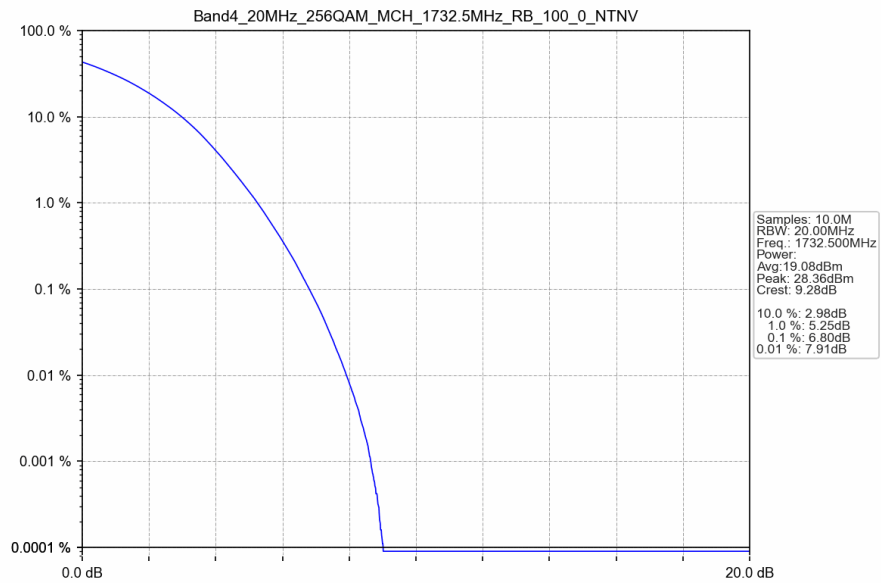
4.2.1 B4_20MHz



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

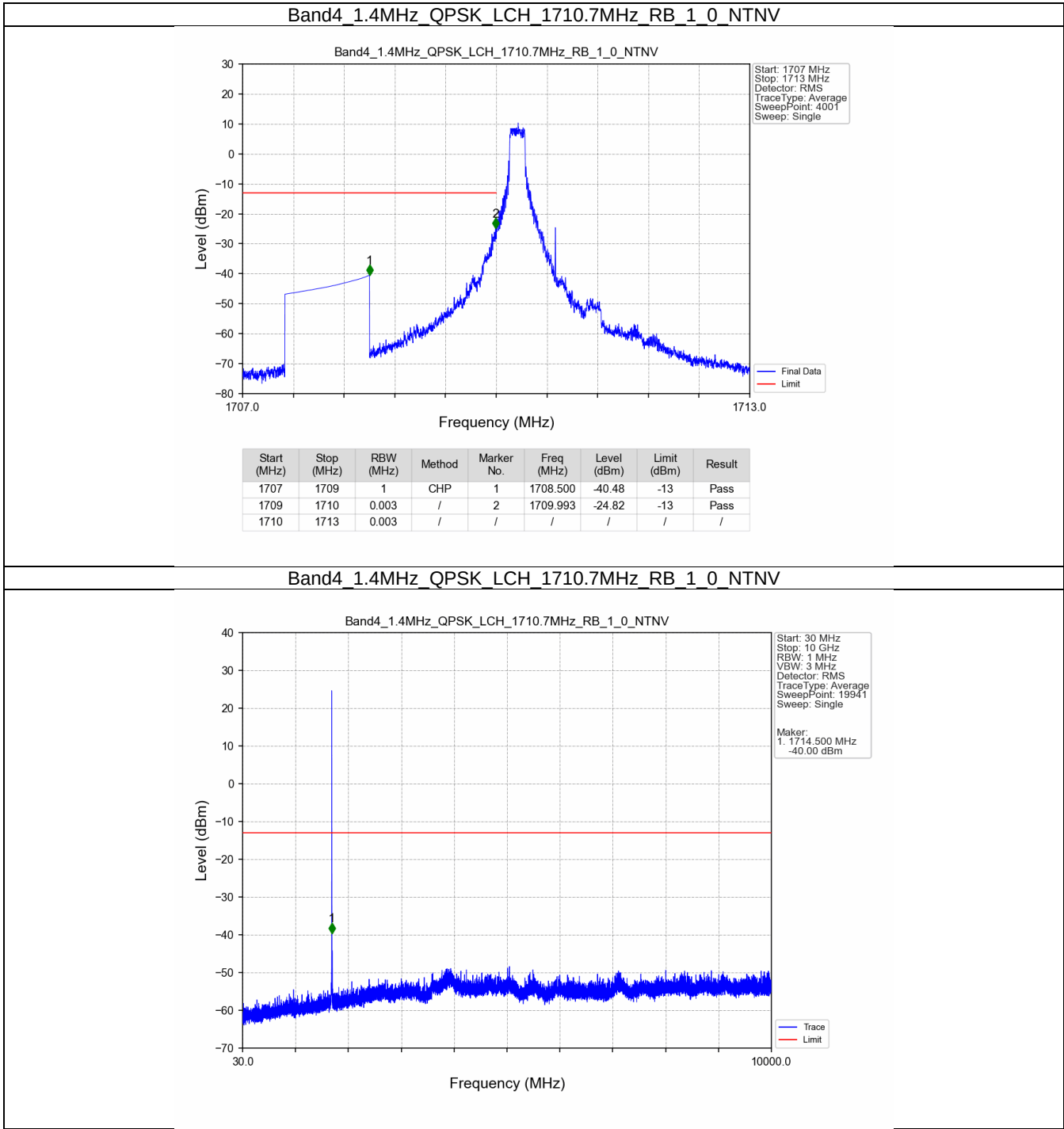
Band: 4 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

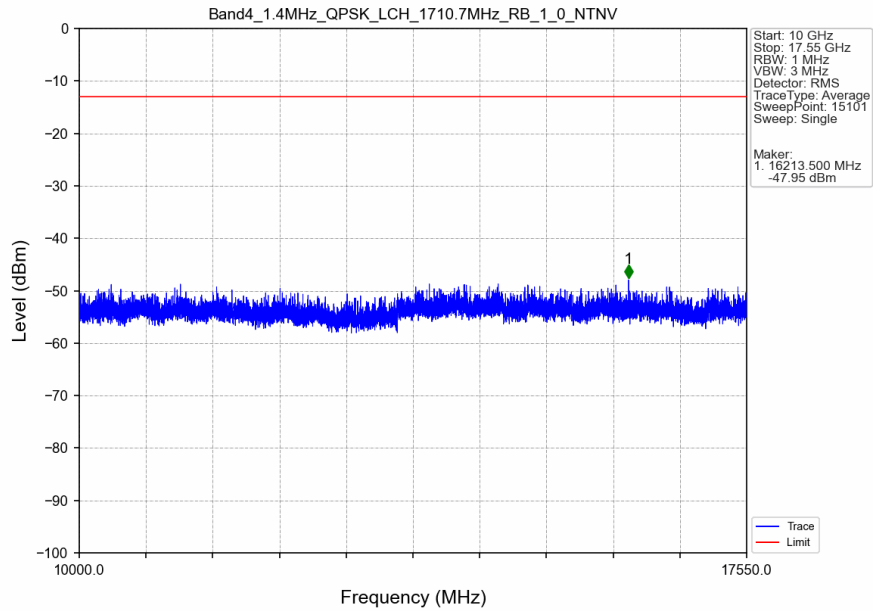
Band: 4 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

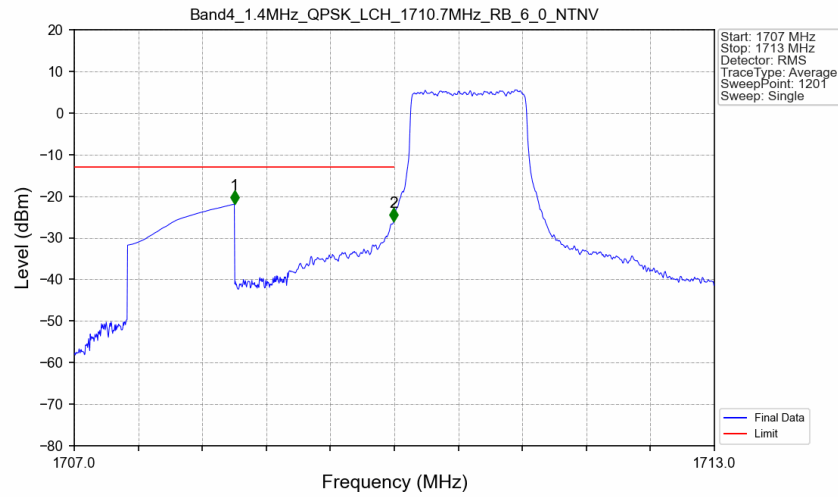
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

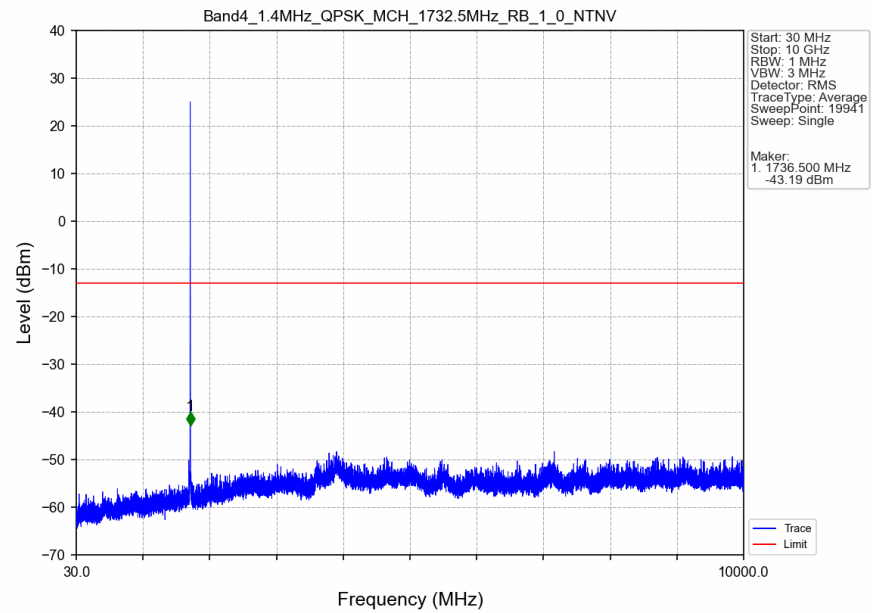


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

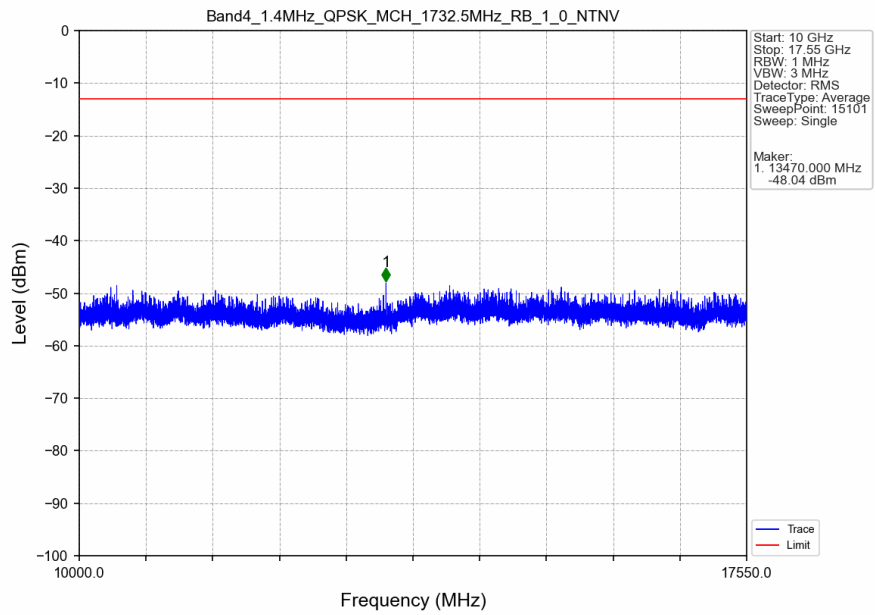


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-21.92	-13	Pass
1709	1710	0.014	CHP	2	1709.995	-26.08	-13	Pass
1710	1713	0.014	CHP	/	/	/	/	/

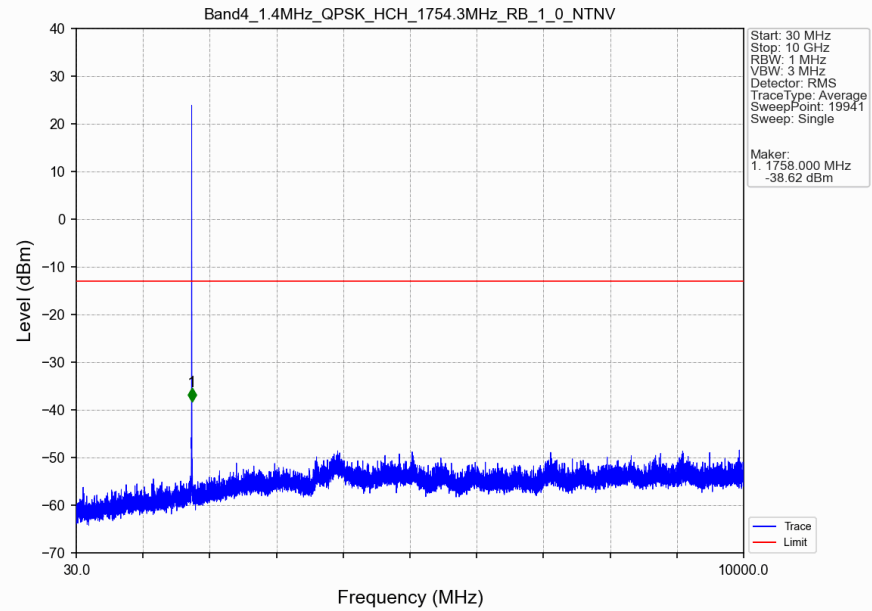
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



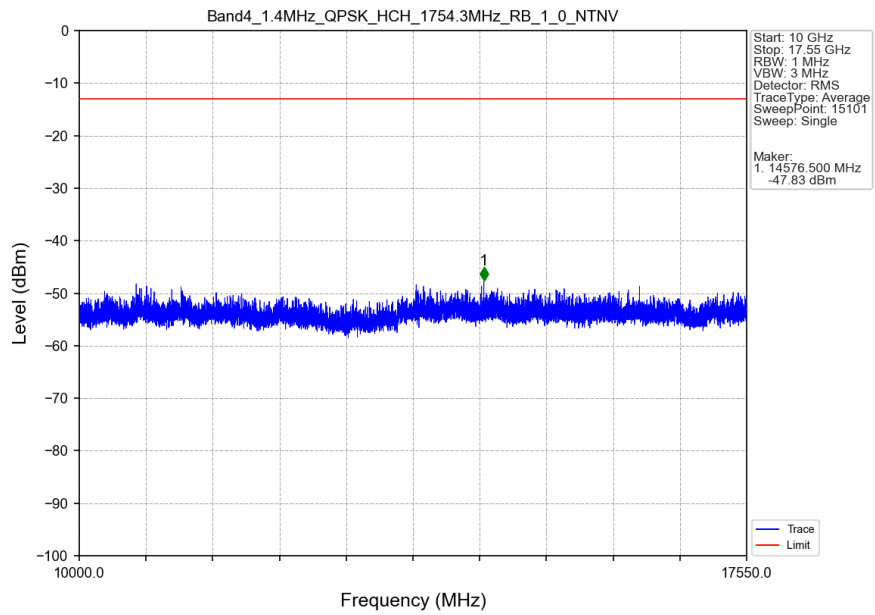
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTV



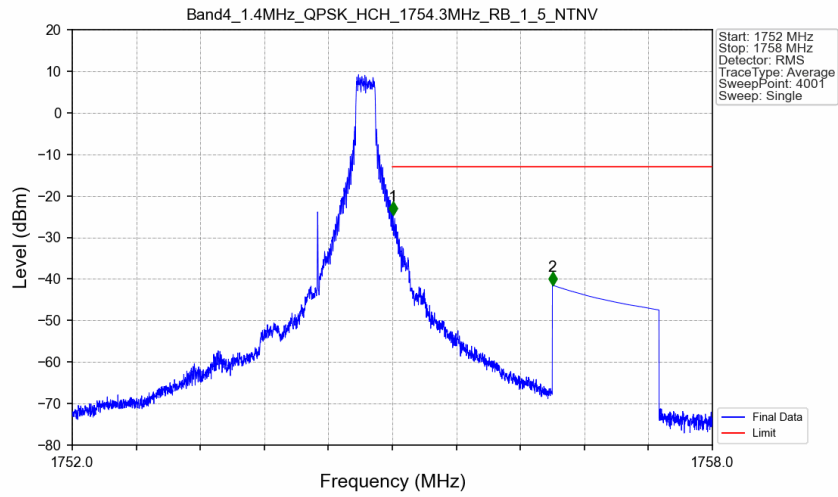
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



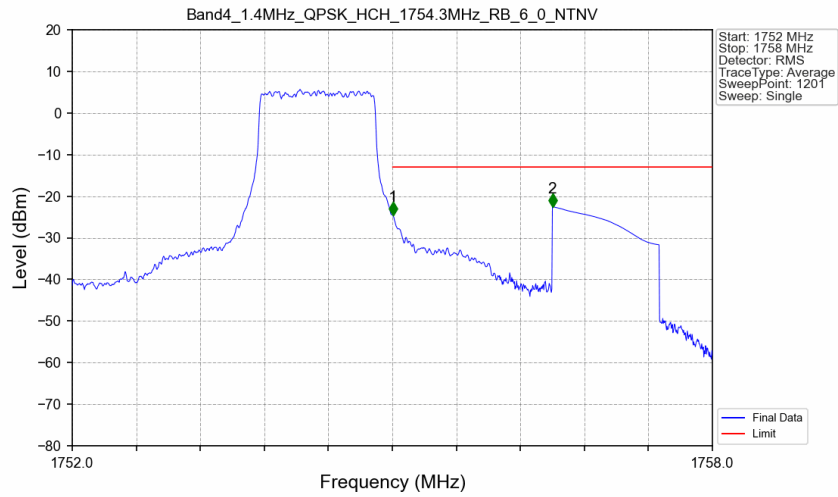
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



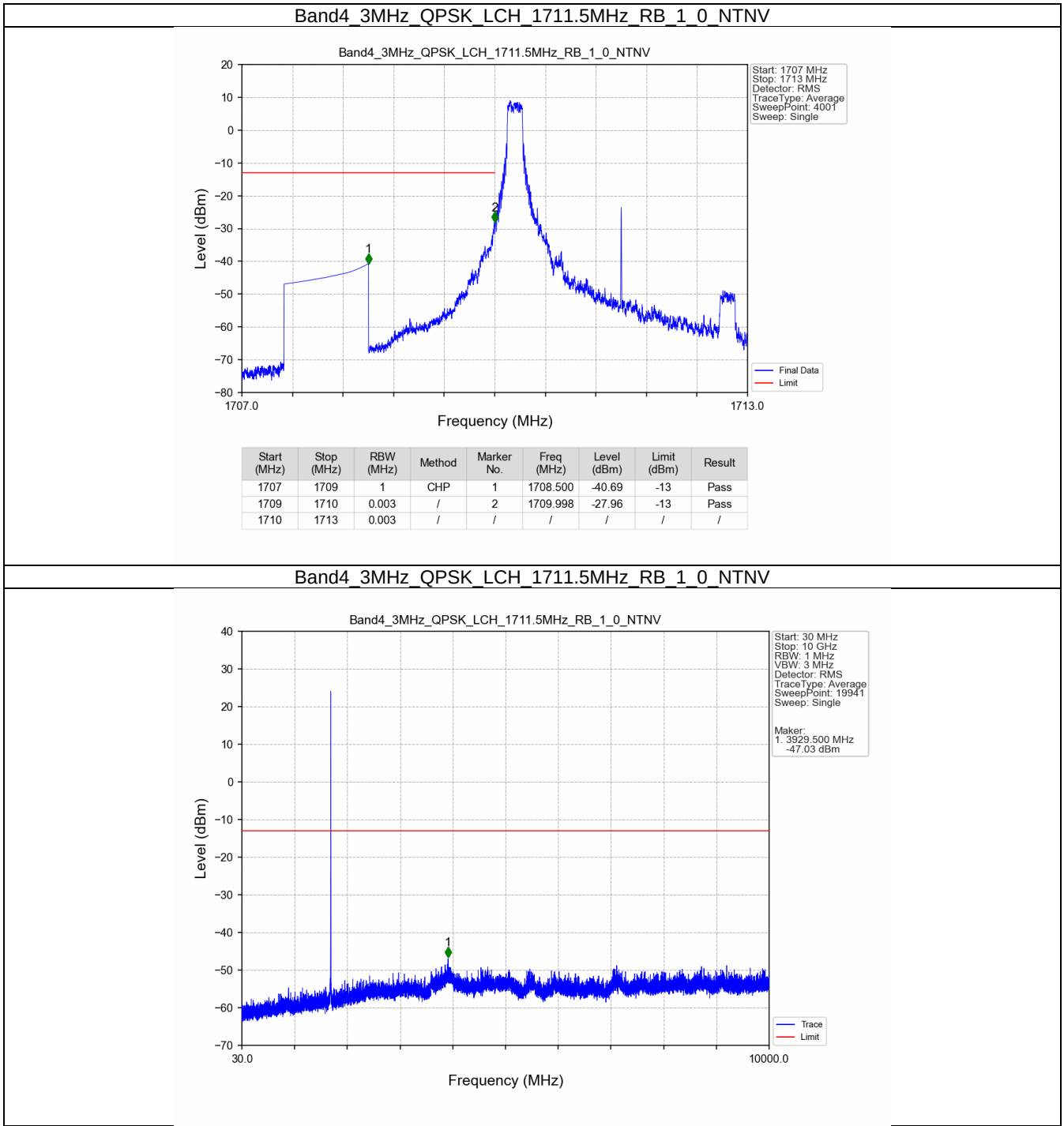
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



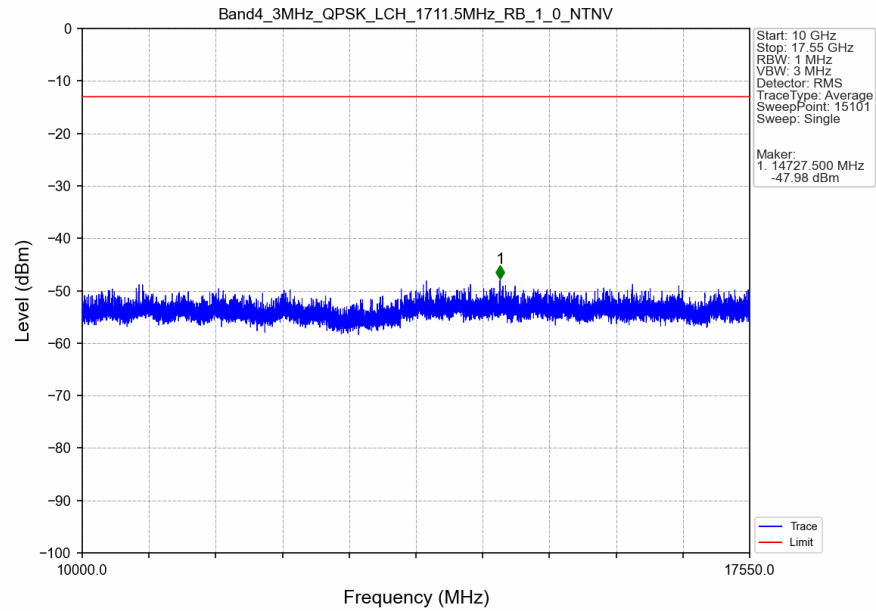
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV



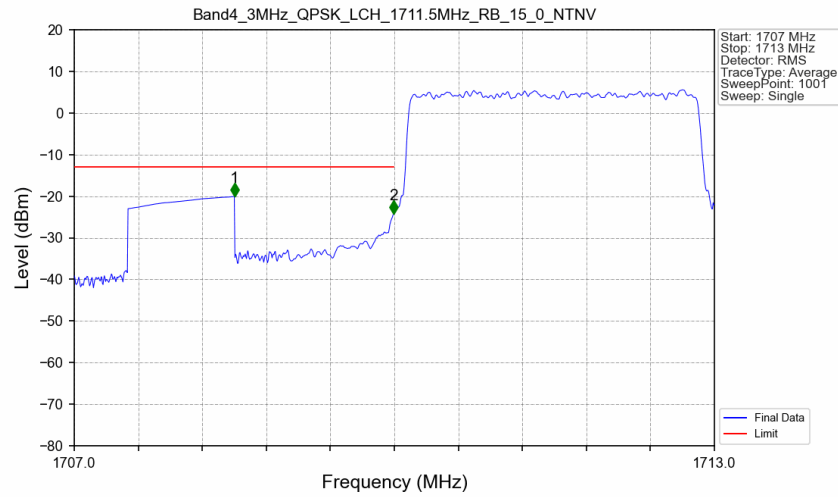
5.2.2 B4_3MHz



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	-20.06	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-24.24	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/