

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	23.32	2.17	25.49	<=30	Pass	
			2	23.39	2.17	25.56	<=30	Pass	
			5	23.32	2.17	25.49	<=30	Pass	
		3	0	23.28	2.17	25.45	<=30	Pass	
			2	23.30	2.17	25.47	<=30	Pass	
			3	23.31	2.17	25.48	<=30	Pass	
	6	0	22.27	2.17	24.44	<=30	Pass		
	1732.5	1	0	22.58	2.17	24.75	<=30	Pass	
			2	22.49	2.17	24.66	<=30	Pass	
			5	22.46	2.17	24.63	<=30	Pass	
		3	0	22.44	2.17	24.61	<=30	Pass	
			2	22.45	2.17	24.62	<=30	Pass	
			3	22.45	2.17	24.62	<=30	Pass	
	1754.3	6	0	21.51	2.17	23.68	<=30	Pass	
			1	0	22.90	2.17	25.07	<=30	Pass
				2	22.88	2.17	25.05	<=30	Pass
		5		22.65	2.17	24.82	<=30	Pass	
		3	0	22.87	2.17	25.04	<=30	Pass	
			2	22.87	2.17	25.04	<=30	Pass	
			3	22.84	2.17	25.01	<=30	Pass	
		6	0	21.95	2.17	24.12	<=30	Pass	
		16QAM	1710.7	1	0	22.48	2.17	24.65	<=30
2	22.52				2.17	24.69	<=30	Pass	
5	22.57				2.17	24.74	<=30	Pass	
3	0			22.28	2.17	24.45	<=30	Pass	
	2			22.33	2.17	24.50	<=30	Pass	
	3			22.30	2.17	24.47	<=30	Pass	
6	0		21.45	2.17	23.62	<=30	Pass		
1732.5	1		0	21.63	2.17	23.80	<=30	Pass	
			2	21.76	2.17	23.93	<=30	Pass	
			5	21.82	2.17	23.99	<=30	Pass	
	3		0	21.53	2.17	23.70	<=30	Pass	
			2	21.54	2.17	23.71	<=30	Pass	
			3	21.52	2.17	23.69	<=30	Pass	
6	0		20.67	2.17	22.84	<=30	Pass		
1754.3	1		0	22.21	2.17	24.38	<=30	Pass	
			2	22.18	2.17	24.35	<=30	Pass	
			5	22.14	2.17	24.31	<=30	Pass	
	3		0	22.01	2.17	24.18	<=30	Pass	
			2	21.89	2.17	24.06	<=30	Pass	
			3	21.87	2.17	24.04	<=30	Pass	
	6		0	21.05	2.17	23.22	<=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	23.21	2.17	25.38	<=30	Pass
			7	23.38	2.17	25.55	<=30	Pass
			14	23.08	2.17	25.25	<=30	Pass
		8	0	22.35	2.17	24.52	<=30	Pass
			4	22.39	2.17	24.56	<=30	Pass
			7	22.17	2.17	24.34	<=30	Pass
		15	0	22.32	2.17	24.49	<=30	Pass
	1732.5	1	0	22.45	2.17	24.62	<=30	Pass
			7	22.43	2.17	24.60	<=30	Pass
			14	22.19	2.17	24.36	<=30	Pass
		8	0	21.30	2.17	23.47	<=30	Pass
			4	21.41	2.17	23.58	<=30	Pass
			7	21.38	2.17	23.55	<=30	Pass
		15	0	21.57	2.17	23.74	<=30	Pass
	1753.5	1	0	22.69	2.17	24.86	<=30	Pass
			7	22.89	2.17	25.06	<=30	Pass
			14	22.32	2.17	24.49	<=30	Pass
		8	0	21.87	2.17	24.04	<=30	Pass
			4	21.94	2.17	24.11	<=30	Pass
			7	21.91	2.17	24.08	<=30	Pass
		15	0	21.88	2.17	24.05	<=30	Pass
16QAM	1711.5	1	0	22.48	2.17	24.65	<=30	Pass
			7	22.46	2.17	24.63	<=30	Pass
			14	22.34	2.17	24.51	<=30	Pass
		8	0	21.47	2.17	23.64	<=30	Pass
			4	21.53	2.17	23.70	<=30	Pass
			7	21.43	2.17	23.60	<=30	Pass
		15	0	21.42	2.17	23.59	<=30	Pass
	1732.5	1	0	21.73	2.17	23.90	<=30	Pass
			7	21.77	2.17	23.94	<=30	Pass
			14	21.73	2.17	23.90	<=30	Pass
		8	0	20.78	2.17	22.95	<=30	Pass
			4	20.80	2.17	22.97	<=30	Pass
	7	20.77	2.17	22.94	<=30	Pass		
	15	0	20.70	2.17	22.87	<=30	Pass	
	1753.5	1	0	22.03	2.17	24.20	<=30	Pass
			7	21.69	2.17	23.86	<=30	Pass
			14	21.96	2.17	24.13	<=30	Pass
		8	0	21.04	2.17	23.21	<=30	Pass
4			21.11	2.17	23.28	<=30	Pass	
7		21.07	2.17	23.24	<=30	Pass		
15	0	21.01	2.17	23.18	<=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	23.28	2.17	25.45	<=30	Pass
			13	23.39	2.17	25.56	<=30	Pass
			24	23.27	2.17	25.44	<=30	Pass
		12	0	22.47	2.17	24.64	<=30	Pass
			6	22.44	2.17	24.61	<=30	Pass
			13	22.36	2.17	24.53	<=30	Pass
		25	0	22.43	2.17	24.60	<=30	Pass
	1732.5	1	0	22.72	2.17	24.89	<=30	Pass
			13	22.61	2.17	24.78	<=30	Pass
			24	22.50	2.17	24.67	<=30	Pass
		12	0	21.71	2.17	23.88	<=30	Pass
			6	21.63	2.17	23.80	<=30	Pass
			13	21.72	2.17	23.89	<=30	Pass
		25	0	21.70	2.17	23.87	<=30	Pass
	1752.5	1	0	22.85	2.17	25.02	<=30	Pass
			13	22.65	2.17	24.82	<=30	Pass
			24	22.78	2.17	24.95	<=30	Pass
		12	0	21.94	2.17	24.11	<=30	Pass
			6	21.99	2.17	24.16	<=30	Pass
			13	21.98	2.17	24.15	<=30	Pass
		25	0	21.98	2.17	24.15	<=30	Pass
16QAM	1712.5	1	0	22.24	2.17	24.41	<=30	Pass
			13	22.60	2.17	24.77	<=30	Pass
			24	22.29	2.17	24.46	<=30	Pass
		12	0	21.40	2.17	23.57	<=30	Pass
			6	21.39	2.17	23.56	<=30	Pass
			13	21.33	2.17	23.50	<=30	Pass
		25	0	21.39	2.17	23.56	<=30	Pass
	1732.5	1	0	21.18	2.17	23.35	<=30	Pass
			13	21.89	2.17	24.06	<=30	Pass
			24	21.28	2.17	23.45	<=30	Pass
		12	0	20.83	2.17	23.00	<=30	Pass
			6	20.79	2.17	22.96	<=30	Pass
			13	20.82	2.17	22.99	<=30	Pass
		25	0	20.82	2.17	22.99	<=30	Pass
	1752.5	1	0	21.56	2.17	23.73	<=30	Pass
			13	22.17	2.17	24.34	<=30	Pass
			24	22.14	2.17	24.31	<=30	Pass
		12	0	21.01	2.17	23.18	<=30	Pass
			6	21.07	2.17	23.24	<=30	Pass
			13	21.08	2.17	23.25	<=30	Pass
		25	0	21.09	2.17	23.26	<=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	23.61	2.17	25.78	<=30	Pass
			25	23.35	2.17	25.52	<=30	Pass
			49	22.96	2.17	25.13	<=30	Pass
		25	0	22.49	2.17	24.66	<=30	Pass
			13	22.37	2.17	24.54	<=30	Pass
			25	22.18	2.17	24.35	<=30	Pass
		50	0	22.35	2.17	24.52	<=30	Pass
	1732.5	1	0	22.45	2.17	24.62	<=30	Pass
			25	22.55	2.17	24.72	<=30	Pass
			49	23.14	2.17	25.31	<=30	Pass
		25	0	21.71	2.17	23.88	<=30	Pass
			13	21.72	2.17	23.89	<=30	Pass
			25	21.87	2.17	24.04	<=30	Pass
		50	0	21.81	2.17	23.98	<=30	Pass
	1750	1	0	23.11	2.17	25.28	<=30	Pass
			25	23.09	2.17	25.26	<=30	Pass
			49	23.15	2.17	25.32	<=30	Pass
		25	0	22.10	2.17	24.27	<=30	Pass
			13	22.11	2.17	24.28	<=30	Pass
			25	22.11	2.17	24.28	<=30	Pass
		50	0	22.13	2.17	24.30	<=30	Pass
16QAM	1715	1	0	22.84	2.17	25.01	<=30	Pass
			25	22.64	2.17	24.81	<=30	Pass
			49	22.21	2.17	24.38	<=30	Pass
		12	0	22.60	2.17	24.77	<=30	Pass
			19	22.39	2.17	24.56	<=30	Pass
			38	22.14	2.17	24.31	<=30	Pass
		27	0	21.43	2.17	23.60	<=30	Pass
	1732.5	1	0	21.87	2.17	24.04	<=30	Pass
			25	21.70	2.17	23.87	<=30	Pass
			49	22.08	2.17	24.25	<=30	Pass
		12	0	21.72	2.17	23.89	<=30	Pass
			19	21.63	2.17	23.80	<=30	Pass
			38	22.07	2.17	24.24	<=30	Pass
		27	0	20.85	2.17	23.02	<=30	Pass
	1750	1	0	21.90	2.17	24.07	<=30	Pass
			25	22.06	2.17	24.23	<=30	Pass
			49	22.42	2.17	24.59	<=30	Pass
		12	0	22.13	2.17	24.30	<=30	Pass
19			22.10	2.17	24.27	<=30	Pass	
38			22.21	2.17	24.38	<=30	Pass	
27		23	21.25	2.17	23.42	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.51	2.17	25.68	<=30	Pass
			38	23.22	2.17	25.39	<=30	Pass
			74	22.58	2.17	24.75	<=30	Pass
		36	0	22.38	2.17	24.55	<=30	Pass
			18	22.21	2.17	24.38	<=30	Pass
			39	21.92	2.17	24.09	<=30	Pass
		75	0	22.69	2.17	24.86	<=30	Pass
	1732.5	1	0	22.66	2.17	24.83	<=30	Pass
			38	22.75	2.17	24.92	<=30	Pass
			74	23.21	2.17	25.38	<=30	Pass
		36	0	21.79	2.17	23.96	<=30	Pass
			18	21.85	2.17	24.02	<=30	Pass
			39	22.16	2.17	24.33	<=30	Pass
		75	0	21.97	2.17	24.14	<=30	Pass
	1747.5	1	0	22.93	2.17	25.10	<=30	Pass
			38	23.17	2.17	25.34	<=30	Pass
			74	23.16	2.17	25.33	<=30	Pass
		36	0	22.10	2.17	24.27	<=30	Pass
			18	22.18	2.17	24.35	<=30	Pass
			39	22.24	2.17	24.41	<=30	Pass
		75	0	22.18	2.17	24.35	<=30	Pass
16QAM	1717.5	1	0	22.93	2.17	25.10	<=30	Pass
			38	22.48	2.17	24.65	<=30	Pass
			74	22.06	2.17	24.23	<=30	Pass
		12	0	22.54	2.17	24.71	<=30	Pass
			31	22.28	2.17	24.45	<=30	Pass
			63	21.89	2.17	24.06	<=30	Pass
		27	0	21.52	2.17	23.69	<=30	Pass
	1732.5	1	0	21.89	2.17	24.06	<=30	Pass
			38	22.12	2.17	24.29	<=30	Pass
			74	22.76	2.17	24.93	<=30	Pass
		12	0	21.68	2.17	23.85	<=30	Pass
			31	21.85	2.17	24.02	<=30	Pass
			63	22.44	2.17	24.61	<=30	Pass
		27	0	20.51	2.17	22.68	<=30	Pass
	1747.5	1	0	22.04	2.17	24.21	<=30	Pass
			38	22.52	2.17	24.69	<=30	Pass
			74	22.14	2.17	24.31	<=30	Pass
		12	0	22.07	2.17	24.24	<=30	Pass
			31	22.25	2.17	24.42	<=30	Pass
			63	22.26	2.17	24.43	<=30	Pass
		27	48	21.33	2.17	23.50	<=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	23.72	2.17	25.89	<=30	Pass
			50	22.75	2.17	24.92	<=30	Pass
			99	22.69	2.17	24.86	<=30	Pass
		50	0	22.37	2.17	24.54	<=30	Pass
			25	22.05	2.17	24.22	<=30	Pass
			50	21.85	2.17	24.02	<=30	Pass
		100	0	22.50	2.17	24.67	<=30	Pass
	1732.5	1	0	22.72	2.17	24.89	<=30	Pass
			50	22.76	2.17	24.93	<=30	Pass
			99	23.65	2.17	25.82	<=30	Pass
		50	0	21.75	2.17	23.92	<=30	Pass
			25	21.93	2.17	24.10	<=30	Pass
			50	22.27	2.17	24.44	<=30	Pass
	100	0	22.02	2.17	24.19	<=30	Pass	
	1745	1	0	22.86	2.17	25.03	<=30	Pass
			50	23.39	2.17	25.56	<=30	Pass
			99	23.51	2.17	25.68	<=30	Pass
		50	0	22.21	2.17	24.38	<=30	Pass
			25	22.42	2.17	24.59	<=30	Pass
			50	22.50	2.17	24.67	<=30	Pass
		100	0	22.38	2.17	24.55	<=30	Pass
16QAM	1720	1	0	22.81	2.17	24.98	<=30	Pass
			50	22.06	2.17	24.23	<=30	Pass
			99	22.05	2.17	24.22	<=30	Pass
		12	0	22.66	2.17	24.83	<=30	Pass
			44	22.02	2.17	24.19	<=30	Pass
			88	21.94	2.17	24.11	<=30	Pass
		27	0	21.54	2.17	23.71	<=30	Pass
	1732.5	1	0	21.89	2.17	24.06	<=30	Pass
			50	21.99	2.17	24.16	<=30	Pass
			99	23.07	2.17	25.24	<=30	Pass
		12	0	21.73	2.17	23.90	<=30	Pass
			44	21.84	2.17	24.01	<=30	Pass
			88	22.65	2.17	24.82	<=30	Pass
	27	0	20.46	2.17	22.63	<=30	Pass	
	1745	1	0	22.11	2.17	24.28	<=30	Pass
			50	22.69	2.17	24.86	<=30	Pass
			99	22.52	2.17	24.69	<=30	Pass
		12	0	21.96	2.17	24.13	<=30	Pass
			44	22.34	2.17	24.51	<=30	Pass
			88	22.55	2.17	24.72	<=30	Pass
		27	73	21.56	2.17	23.73	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.23	-3.100	-0.0018	-2.5 to 2.5	Pass
					3.8	-1.100	-0.0006	-2.5 to 2.5	Pass
					4.37	-4.800	-0.0028	-2.5 to 2.5	Pass
				-30	3.8	-0.900	-0.0005	-2.5 to 2.5	Pass
				-20	3.8	0.900	0.0005	-2.5 to 2.5	Pass
				-10	3.8	-2.200	-0.0013	-2.5 to 2.5	Pass
				0	3.8	-3.600	-0.0021	-2.5 to 2.5	Pass
				10	3.8	-2.800	-0.0016	-2.5 to 2.5	Pass
				30	3.8	-0.600	-0.0004	-2.5 to 2.5	Pass
				40	3.8	-1.800	-0.0011	-2.5 to 2.5	Pass
				50	3.8	-2.600	-0.0015	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.23	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.8	-2.900	-0.0017	-2.5 to 2.5	Pass
					4.37	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.8	-1.500	-0.0009	-2.5 to 2.5	Pass
				-20	3.8	-0.300	-0.0002	-2.5 to 2.5	Pass
				-10	3.8	-2.300	-0.0013	-2.5 to 2.5	Pass
				0	3.8	-2.100	-0.0012	-2.5 to 2.5	Pass
				10	3.8	-1.500	-0.0009	-2.5 to 2.5	Pass
				30	3.8	-0.700	-0.0004	-2.5 to 2.5	Pass
				40	3.8	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.8	-2.700	-0.0016	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.23	0.400	0.0002	-2.5 to 2.5	Pass
					3.8	0.100	0.0001	-2.5 to 2.5	Pass
					4.37	1.500	0.0009	-2.5 to 2.5	Pass
				-30	3.8	0.700	0.0004	-2.5 to 2.5	Pass
				-20	3.8	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.8	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.8	2.200	0.0013	-2.5 to 2.5	Pass
				10	3.8	2.300	0.0013	-2.5 to 2.5	Pass
				30	3.8	2.500	0.0014	-2.5 to 2.5	Pass
				40	3.8	0.700	0.0004	-2.5 to 2.5	Pass
				50	3.8	3.000	0.0017	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.23	-2.800	-0.0016	-2.5 to 2.5	Pass
					3.8	-2.100	-0.0012	-2.5 to 2.5	Pass
					4.37	-4.400	-0.0026	-2.5 to 2.5	Pass
				-30	3.8	-1.700	-0.0010	-2.5 to 2.5	Pass
				-20	3.8	-1.600	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	2.700	0.0016	-2.5 to 2.5	Pass
				0	3.8	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.8	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.8	-5.500	-0.0032	-2.5 to 2.5	Pass
				40	3.8	-6.300	-0.0037	-2.5 to 2.5	Pass
				50	3.8	-1.500	-0.0009	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.23	-0.900	-0.0005	-2.5 to 2.5	Pass
					3.8	5.200	0.0030	-2.5 to 2.5	Pass

					4.37	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.8	4.300	0.0025	-2.5 to 2.5	Pass
				-20	3.8	-2.900	-0.0017	-2.5 to 2.5	Pass
				-10	3.8	-1.400	-0.0008	-2.5 to 2.5	Pass
				0	3.8	2.200	0.0013	-2.5 to 2.5	Pass
				10	3.8	0.700	0.0004	-2.5 to 2.5	Pass
				30	3.8	-0.900	-0.0005	-2.5 to 2.5	Pass
				40	3.8	-4.900	-0.0028	-2.5 to 2.5	Pass
				50	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.23	-3.500	-0.0020	-2.5 to 2.5	Pass
					3.8	1.600	0.0009	-2.5 to 2.5	Pass
					4.37	0.800	0.0005	-2.5 to 2.5	Pass
				-30	3.8	-0.900	-0.0005	-2.5 to 2.5	Pass
				-20	3.8	3.300	0.0019	-2.5 to 2.5	Pass
				-10	3.8	2.400	0.0014	-2.5 to 2.5	Pass
				0	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
				10	3.8	-4.500	-0.0026	-2.5 to 2.5	Pass
				30	3.8	-2.600	-0.0015	-2.5 to 2.5	Pass
				40	3.8	2.200	0.0013	-2.5 to 2.5	Pass
				50	3.8	1.500	0.0009	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.23	2.500	0.0015	-2.5 to 2.5	Pass
					3.8	-0.300	-0.0002	-2.5 to 2.5	Pass
					4.37	-2.000	-0.0012	-2.5 to 2.5	Pass
				-30	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
				-20	3.8	-8.400	-0.0049	-2.5 to 2.5	Pass
				-10	3.8	-1.300	-0.0008	-2.5 to 2.5	Pass
				0	3.8	0.900	0.0005	-2.5 to 2.5	Pass
				10	3.8	-6.000	-0.0035	-2.5 to 2.5	Pass
				30	3.8	-6.300	-0.0037	-2.5 to 2.5	Pass
				40	3.8	-2.900	-0.0017	-2.5 to 2.5	Pass
				50	3.8	0.600	0.0004	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.23	0.200	0.0001	-2.5 to 2.5	Pass
					3.8	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.37	-5.000	-0.0029	-2.5 to 2.5	Pass
				-30	3.8	-1.300	-0.0008	-2.5 to 2.5	Pass
				-20	3.8	0.300	0.0002	-2.5 to 2.5	Pass
				-10	3.8	-1.900	-0.0011	-2.5 to 2.5	Pass
				0	3.8	-3.300	-0.0019	-2.5 to 2.5	Pass
				10	3.8	-4.500	-0.0026	-2.5 to 2.5	Pass
				30	3.8	-6.400	-0.0037	-2.5 to 2.5	Pass
				40	3.8	0.500	0.0003	-2.5 to 2.5	Pass
				50	3.8	-3.500	-0.0020	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.23	-0.400	-0.0002	-2.5 to 2.5	Pass
					3.8	-0.300	-0.0002	-2.5 to 2.5	Pass
					4.37	4.200	0.0024	-2.5 to 2.5	Pass
				-30	3.8	1.100	0.0006	-2.5 to 2.5	Pass
				-20	3.8	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.8	1.700	0.0010	-2.5 to 2.5	Pass
				0	3.8	3.400	0.0019	-2.5 to 2.5	Pass

				10	3.8	-1.400	-0.0008	-2.5 to 2.5	Pass
				30	3.8	-2.800	-0.0016	-2.5 to 2.5	Pass
				40	3.8	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.8	0.400	0.0002	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.23	2.400	0.0014	-2.5 to 2.5	Pass
					3.8	-2.000	-0.0012	-2.5 to 2.5	Pass
					4.37	1.000	0.0006	-2.5 to 2.5	Pass
				-30	3.8	3.000	0.0018	-2.5 to 2.5	Pass
				-20	3.8	-3.900	-0.0023	-2.5 to 2.5	Pass
				-10	3.8	2.500	0.0015	-2.5 to 2.5	Pass
				0	3.8	1.500	0.0009	-2.5 to 2.5	Pass
				10	3.8	-1.200	-0.0007	-2.5 to 2.5	Pass
				30	3.8	0.700	0.0004	-2.5 to 2.5	Pass
				40	3.8	-1.700	-0.0010	-2.5 to 2.5	Pass
				50	3.8	0.800	0.0005	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.23	2.300	0.0013	-2.5 to 2.5	Pass
					3.8	0.800	0.0005	-2.5 to 2.5	Pass
					4.37	-0.500	-0.0003	-2.5 to 2.5	Pass
				-30	3.8	-3.000	-0.0017	-2.5 to 2.5	Pass
				-20	3.8	4.300	0.0025	-2.5 to 2.5	Pass
				-10	3.8	2.700	0.0016	-2.5 to 2.5	Pass
				0	3.8	-0.500	-0.0003	-2.5 to 2.5	Pass
				10	3.8	3.700	0.0021	-2.5 to 2.5	Pass
				30	3.8	0.500	0.0003	-2.5 to 2.5	Pass
				40	3.8	1.900	0.0011	-2.5 to 2.5	Pass
				50	3.8	1.000	0.0006	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.23	2.100	0.0012	-2.5 to 2.5	Pass
					3.8	0.700	0.0004	-2.5 to 2.5	Pass
					4.37	-2.900	-0.0017	-2.5 to 2.5	Pass
				-30	3.8	-0.700	-0.0004	-2.5 to 2.5	Pass
				-20	3.8	-8.800	-0.0050	-2.5 to 2.5	Pass
				-10	3.8	0.600	0.0003	-2.5 to 2.5	Pass
				0	3.8	5.200	0.0030	-2.5 to 2.5	Pass
				10	3.8	-3.700	-0.0021	-2.5 to 2.5	Pass
				30	3.8	1.400	0.0008	-2.5 to 2.5	Pass
				40	3.8	0.600	0.0003	-2.5 to 2.5	Pass
				50	3.8	1.900	0.0011	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.4	0.700	0.0004	-2.5 to 2.5	Pass
					3.8	-2.800	-0.0016	-2.5 to 2.5	Pass
					4.2	-4.000	-0.0023	-2.5 to 2.5	Pass
				-30	3.8	1.400	0.0008	-2.5 to 2.5	Pass
				-20	3.8	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.8	-0.600	-0.0004	-2.5 to 2.5	Pass
				0	3.8	-2.600	-0.0015	-2.5 to 2.5	Pass
				10	3.8	-2.100	-0.0012	-2.5 to 2.5	Pass
				30	3.8	-7.700	-0.0045	-2.5 to 2.5	Pass
				40	3.8	-0.900	-0.0005	-2.5 to 2.5	Pass
				50	3.8	-0.400	-0.0002	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	-4.000	-0.0023	-2.5 to 2.5	Pass

					3.8	-4.600	-0.0027	-2.5 to 2.5	Pass
					4.2	-0.600	-0.0003	-2.5 to 2.5	Pass
				-30	3.8	1.700	0.0010	-2.5 to 2.5	Pass
				-20	3.8	-2.500	-0.0014	-2.5 to 2.5	Pass
				-10	3.8	-3.300	-0.0019	-2.5 to 2.5	Pass
				0	3.8	2.100	0.0012	-2.5 to 2.5	Pass
				10	3.8	-1.600	-0.0009	-2.5 to 2.5	Pass
				30	3.8	4.100	0.0024	-2.5 to 2.5	Pass
				40	3.8	-1.800	-0.0010	-2.5 to 2.5	Pass
				50	3.8	-2.700	-0.0016	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.4	1.100	0.0006	-2.5 to 2.5	Pass
					3.8	-1.100	-0.0006	-2.5 to 2.5	Pass
					4.2	-2.600	-0.0015	-2.5 to 2.5	Pass
				-30	3.8	-1.900	-0.0011	-2.5 to 2.5	Pass
				-20	3.8	5.800	0.0033	-2.5 to 2.5	Pass
				-10	3.8	-2.500	-0.0014	-2.5 to 2.5	Pass
				0	3.8	-1.100	-0.0006	-2.5 to 2.5	Pass
				10	3.8	0.400	0.0002	-2.5 to 2.5	Pass
				30	3.8	-6.600	-0.0038	-2.5 to 2.5	Pass
				40	3.8	-2.600	-0.0015	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.4	-1.100	-0.0006	-2.5 to 2.5	Pass
					3.8	-2.200	-0.0013	-2.5 to 2.5	Pass
					4.2	-1.300	-0.0008	-2.5 to 2.5	Pass
				-30	3.8	0.300	0.0002	-2.5 to 2.5	Pass
				-20	3.8	-4.900	-0.0029	-2.5 to 2.5	Pass
				-10	3.8	-1.400	-0.0008	-2.5 to 2.5	Pass
				0	3.8	2.400	0.0014	-2.5 to 2.5	Pass
				10	3.8	-2.100	-0.0012	-2.5 to 2.5	Pass
				30	3.8	-2.400	-0.0014	-2.5 to 2.5	Pass
				40	3.8	-0.900	-0.0005	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	2.600	0.0015	-2.5 to 2.5	Pass
					3.8	-0.700	-0.0004	-2.5 to 2.5	Pass
					4.2	0.300	0.0002	-2.5 to 2.5	Pass
				-30	3.8	1.800	0.0010	-2.5 to 2.5	Pass
				-20	3.8	-3.600	-0.0021	-2.5 to 2.5	Pass
				-10	3.8	4.100	0.0024	-2.5 to 2.5	Pass
				0	3.8	2.200	0.0013	-2.5 to 2.5	Pass
				10	3.8	1.400	0.0008	-2.5 to 2.5	Pass
				30	3.8	-3.500	-0.0020	-2.5 to 2.5	Pass
				40	3.8	-6.900	-0.0040	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.4	1.900	0.0011	-2.5 to 2.5	Pass
					3.4	-3.200	-0.0018	-2.5 to 2.5	Pass
					3.8	3.200	0.0018	-2.5 to 2.5	Pass
					4.2	-4.200	-0.0024	-2.5 to 2.5	Pass
				-30	3.8	1.300	0.0007	-2.5 to 2.5	Pass
				-20	3.8	0.500	0.0003	-2.5 to 2.5	Pass
				-10	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
				0	3.8	1.600	0.0009	-2.5 to 2.5	Pass
				10	3.8	5.500	0.0031	-2.5 to 2.5	Pass
				30	3.8	2.800	0.0016	-2.5 to 2.5	Pass
				40	3.8	3.500	0.0020	-2.5 to 2.5	Pass
				50	3.8	1.200	0.0007	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.4	-2.400	-0.0014	-2.5 to 2.5	Pass
					3.8	-5.200	-0.0030	-2.5 to 2.5	Pass
					4.2	-5.400	-0.0031	-2.5 to 2.5	Pass
				-30	3.8	-3.300	-0.0019	-2.5 to 2.5	Pass
				-20	3.8	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.8	-2.300	-0.0013	-2.5 to 2.5	Pass
				10	3.8	-2.600	-0.0015	-2.5 to 2.5	Pass
				30	3.8	-2.000	-0.0012	-2.5 to 2.5	Pass
				40	3.8	-0.100	-0.0001	-2.5 to 2.5	Pass
				50	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	1.600	0.0009	-2.5 to 2.5	Pass
					3.8	-0.600	-0.0003	-2.5 to 2.5	Pass
					4.2	2.100	0.0012	-2.5 to 2.5	Pass
				-30	3.8	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.8	2.000	0.0012	-2.5 to 2.5	Pass
				-10	3.8	1.300	0.0008	-2.5 to 2.5	Pass
				0	3.8	0.400	0.0002	-2.5 to 2.5	Pass
				10	3.8	-1.600	-0.0009	-2.5 to 2.5	Pass
				30	3.8	-6.000	-0.0035	-2.5 to 2.5	Pass
				40	3.8	0.400	0.0002	-2.5 to 2.5	Pass
				50	3.8	-3.400	-0.0020	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	0.800	0.0005	-2.5 to 2.5	Pass
					3.8	1.400	0.0008	-2.5 to 2.5	Pass
					4.2	-2.400	-0.0014	-2.5 to 2.5	Pass
				-30	3.8	4.500	0.0026	-2.5 to 2.5	Pass
				-20	3.8	-0.500	-0.0003	-2.5 to 2.5	Pass
				-10	3.8	1.200	0.0007	-2.5 to 2.5	Pass
				0	3.8	0.800	0.0005	-2.5 to 2.5	Pass
				10	3.8	-2.200	-0.0013	-2.5 to 2.5	Pass
				30	3.8	5.100	0.0029	-2.5 to 2.5	Pass
				40	3.8	-1.500	-0.0009	-2.5 to 2.5	Pass
				50	3.8	2.600	0.0015	-2.5 to 2.5	Pass
16QAM	1715	27	0	20	3.4	-1.400	-0.0008	-2.5 to 2.5	Pass
					3.8	2.000	0.0012	-2.5 to 2.5	Pass
					4.2	-1.900	-0.0011	-2.5 to 2.5	Pass
				-30	3.8	-2.700	-0.0016	-2.5 to 2.5	Pass
				-20	3.8	-0.400	-0.0002	-2.5 to 2.5	Pass
				-10	3.8	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.8	-2.700	-0.0016	-2.5 to 2.5	Pass
				10	3.8	1.800	0.0010	-2.5 to 2.5	Pass
				30	3.8	-2.400	-0.0014	-2.5 to 2.5	Pass
				40	3.8	3.000	0.0017	-2.5 to 2.5	Pass
				50	3.8	6.000	0.0035	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.4	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.8	-1.400	-0.0008	-2.5 to 2.5	Pass
					4.2	1.400	0.0008	-2.5 to 2.5	Pass
				-30	3.8	4.300	0.0025	-2.5 to 2.5	Pass
				-20	3.8	1.600	0.0009	-2.5 to 2.5	Pass
				-10	3.8	-2.700	-0.0016	-2.5 to 2.5	Pass
				0	3.8	-1.100	-0.0006	-2.5 to 2.5	Pass

				10	3.8	1.200	0.0007	-2.5 to 2.5	Pass
				30	3.8	-2.100	-0.0012	-2.5 to 2.5	Pass
				40	3.8	0.400	0.0002	-2.5 to 2.5	Pass
				50	3.8	-5.000	-0.0029	-2.5 to 2.5	Pass
	1750	27	23	20	3.4	-1.200	-0.0007	-2.5 to 2.5	Pass
					3.8	4.100	0.0023	-2.5 to 2.5	Pass
					4.2	0.500	0.0003	-2.5 to 2.5	Pass
				-30	3.8	-1.200	-0.0007	-2.5 to 2.5	Pass
				-20	3.8	-0.400	-0.0002	-2.5 to 2.5	Pass
				-10	3.8	-1.200	-0.0007	-2.5 to 2.5	Pass
				0	3.8	0.500	0.0003	-2.5 to 2.5	Pass
				10	3.8	-3.100	-0.0018	-2.5 to 2.5	Pass
				30	3.8	-3.000	-0.0017	-2.5 to 2.5	Pass
				40	3.8	1.400	0.0008	-2.5 to 2.5	Pass
				50	3.8	-0.600	-0.0003	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.4	-5.926	-0.0035	-2.5 to 2.5	Pass
					3.8	-3.597	-0.0021	-2.5 to 2.5	Pass
					4.2	-1.357	-0.0008	-2.5 to 2.5	Pass
				-30	3.8	-2.195	-0.0013	-2.5 to 2.5	Pass
				-20	3.8	-1.602	-0.0009	-2.5 to 2.5	Pass
				-10	3.8	0.111	0.0001	-2.5 to 2.5	Pass
				0	3.8	-0.171	-0.0001	-2.5 to 2.5	Pass
				10	3.8	-2.652	-0.0015	-2.5 to 2.5	Pass
				30	3.8	-0.166	-0.0001	-2.5 to 2.5	Pass
				40	3.8	-1.246	-0.0007	-2.5 to 2.5	Pass
				50	3.8	-1.318	-0.0008	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	-4.200	-0.0024	-2.5 to 2.5	Pass
					3.8	-4.400	-0.0025	-2.5 to 2.5	Pass
					4.2	-4.300	-0.0025	-2.5 to 2.5	Pass
				-30	3.8	-2.900	-0.0017	-2.5 to 2.5	Pass
				-20	3.8	-0.700	-0.0004	-2.5 to 2.5	Pass
				-10	3.8	-0.200	-0.0001	-2.5 to 2.5	Pass
				0	3.8	-2.500	-0.0014	-2.5 to 2.5	Pass
				10	3.8	-2.800	-0.0016	-2.5 to 2.5	Pass
				30	3.8	-5.500	-0.0032	-2.5 to 2.5	Pass
				40	3.8	-4.700	-0.0027	-2.5 to 2.5	Pass
				50	3.8	0.800	0.0005	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	-0.500	-0.0003	-2.5 to 2.5	Pass
					3.8	0.700	0.0004	-2.5 to 2.5	Pass
					4.2	-3.500	-0.0020	-2.5 to 2.5	Pass
				-30	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
				-20	3.8	-0.900	-0.0005	-2.5 to 2.5	Pass
				-10	3.8	-1.100	-0.0006	-2.5 to 2.5	Pass
				0	3.8	3.400	0.0019	-2.5 to 2.5	Pass
				10	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				30	3.8	-2.100	-0.0012	-2.5 to 2.5	Pass
				40	3.8	-1.200	-0.0007	-2.5 to 2.5	Pass
				50	3.8	-2.200	-0.0013	-2.5 to 2.5	Pass
16QAM	1717.5	27	0	20	3.4	-1.500	-0.0009	-2.5 to 2.5	Pass

					3.8	-1.600	-0.0009	-2.5 to 2.5	Pass
					4.2	-9.400	-0.0055	-2.5 to 2.5	Pass
				-30	3.8	-6.400	-0.0037	-2.5 to 2.5	Pass
				-20	3.8	-7.900	-0.0046	-2.5 to 2.5	Pass
				-10	3.8	-2.200	-0.0013	-2.5 to 2.5	Pass
				0	3.8	-4.200	-0.0024	-2.5 to 2.5	Pass
				10	3.8	-3.500	-0.0020	-2.5 to 2.5	Pass
				30	3.8	-2.000	-0.0012	-2.5 to 2.5	Pass
				40	3.8	-5.300	-0.0031	-2.5 to 2.5	Pass
				50	3.8	-2.400	-0.0014	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.4	-2.400	-0.0014	-2.5 to 2.5	Pass
					3.8	1.400	0.0008	-2.5 to 2.5	Pass
					4.2	-0.400	-0.0002	-2.5 to 2.5	Pass
				-30	3.8	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.8	-4.400	-0.0025	-2.5 to 2.5	Pass
				-10	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
				0	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
				10	3.8	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.8	-0.500	-0.0003	-2.5 to 2.5	Pass
				40	3.8	-4.300	-0.0025	-2.5 to 2.5	Pass
				50	3.8	-2.100	-0.0012	-2.5 to 2.5	Pass
	1747.5	27	48	20	3.4	-1.900	-0.0011	-2.5 to 2.5	Pass
					3.8	0.800	0.0005	-2.5 to 2.5	Pass
					4.2	-3.000	-0.0017	-2.5 to 2.5	Pass
				-30	3.8	0.600	0.0003	-2.5 to 2.5	Pass
				-20	3.8	-2.300	-0.0013	-2.5 to 2.5	Pass
				-10	3.8	-2.400	-0.0014	-2.5 to 2.5	Pass
				0	3.8	-1.000	-0.0006	-2.5 to 2.5	Pass
				10	3.8	0.900	0.0005	-2.5 to 2.5	Pass
				30	3.8	-2.000	-0.0011	-2.5 to 2.5	Pass
				40	3.8	-2.200	-0.0013	-2.5 to 2.5	Pass
				50	3.8	-1.300	-0.0007	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.4	-5.096	-0.0030	-2.5 to 2.5	Pass
					3.8	-2.997	-0.0017	-2.5 to 2.5	Pass
					4.2	-1.923	-0.0011	-2.5 to 2.5	Pass
				-30	3.8	-1.752	-0.0010	-2.5 to 2.5	Pass
				-20	3.8	-1.440	-0.0008	-2.5 to 2.5	Pass
				-10	3.8	-1.976	-0.0011	-2.5 to 2.5	Pass
				0	3.8	-0.379	-0.0002	-2.5 to 2.5	Pass
				10	3.8	-1.709	-0.0010	-2.5 to 2.5	Pass
				30	3.8	-1.423	-0.0008	-2.5 to 2.5	Pass
				40	3.8	0.137	0.0001	-2.5 to 2.5	Pass
				50	3.8	-2.053	-0.0012	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	0.700	0.0004	-2.5 to 2.5	Pass
					3.8	-3.700	-0.0021	-2.5 to 2.5	Pass
					4.2	-1.800	-0.0010	-2.5 to 2.5	Pass
				-30	3.8	-4.100	-0.0024	-2.5 to 2.5	Pass
				-20	3.8	-2.800	-0.0016	-2.5 to 2.5	Pass
				-10	3.8	-9.200	-0.0053	-2.5 to 2.5	Pass

				0	3.8	-2.900	-0.0017	-2.5 to 2.5	Pass
				10	3.8	-3.500	-0.0020	-2.5 to 2.5	Pass
				30	3.8	-2.500	-0.0014	-2.5 to 2.5	Pass
				40	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				50	3.8	-3.800	-0.0022	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	-1.200	-0.0007	-2.5 to 2.5	Pass
					3.8	-1.700	-0.0010	-2.5 to 2.5	Pass
					4.2	1.100	0.0006	-2.5 to 2.5	Pass
				-30	3.8	-0.600	-0.0003	-2.5 to 2.5	Pass
				-20	3.8	-0.300	-0.0002	-2.5 to 2.5	Pass
				-10	3.8	2.900	0.0017	-2.5 to 2.5	Pass
				0	3.8	-6.000	-0.0034	-2.5 to 2.5	Pass
				10	3.8	-2.600	-0.0015	-2.5 to 2.5	Pass
				30	3.8	-0.600	-0.0003	-2.5 to 2.5	Pass
				40	3.8	1.700	0.0010	-2.5 to 2.5	Pass
				50	3.8	0.700	0.0004	-2.5 to 2.5	Pass
16QAM	1720	27	0	20	3.4	-5.100	-0.0030	-2.5 to 2.5	Pass
					3.8	-11.300	-0.0066	-2.5 to 2.5	Pass
					4.2	-4.500	-0.0026	-2.5 to 2.5	Pass
				-30	3.8	-11.100	-0.0065	-2.5 to 2.5	Pass
				-20	3.8	-1.200	-0.0007	-2.5 to 2.5	Pass
				-10	3.8	-7.500	-0.0044	-2.5 to 2.5	Pass
				0	3.8	-0.900	-0.0005	-2.5 to 2.5	Pass
				10	3.8	-5.300	-0.0031	-2.5 to 2.5	Pass
				30	3.8	-0.900	-0.0005	-2.5 to 2.5	Pass
				40	3.8	-3.900	-0.0023	-2.5 to 2.5	Pass
				50	3.8	-0.800	-0.0005	-2.5 to 2.5	Pass
	1732.5	27	0	20	3.4	-4.200	-0.0024	-2.5 to 2.5	Pass
					3.8	-3.300	-0.0019	-2.5 to 2.5	Pass
					4.2	-3.300	-0.0019	-2.5 to 2.5	Pass
				-30	3.8	-0.400	-0.0002	-2.5 to 2.5	Pass
				-20	3.8	-2.600	-0.0015	-2.5 to 2.5	Pass
				-10	3.8	-5.100	-0.0029	-2.5 to 2.5	Pass
				0	3.8	1.600	0.0009	-2.5 to 2.5	Pass
				10	3.8	-5.000	-0.0029	-2.5 to 2.5	Pass
				30	3.8	-0.700	-0.0004	-2.5 to 2.5	Pass
				40	3.8	-3.300	-0.0019	-2.5 to 2.5	Pass
				50	3.8	4.900	0.0028	-2.5 to 2.5	Pass
	1745	27	73	20	3.4	1.000	0.0006	-2.5 to 2.5	Pass
					3.8	1.800	0.0010	-2.5 to 2.5	Pass
					4.2	-3.100	-0.0018	-2.5 to 2.5	Pass
				-30	3.8	-2.300	-0.0013	-2.5 to 2.5	Pass
				-20	3.8	-2.600	-0.0015	-2.5 to 2.5	Pass
				-10	3.8	-2.700	-0.0015	-2.5 to 2.5	Pass
				0	3.8	1.800	0.0010	-2.5 to 2.5	Pass
				10	3.8	1.000	0.0006	-2.5 to 2.5	Pass
				30	3.8	3.000	0.0017	-2.5 to 2.5	Pass
				40	3.8	-4.900	-0.0028	-2.5 to 2.5	Pass
				50	3.8	3.100	0.0018	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

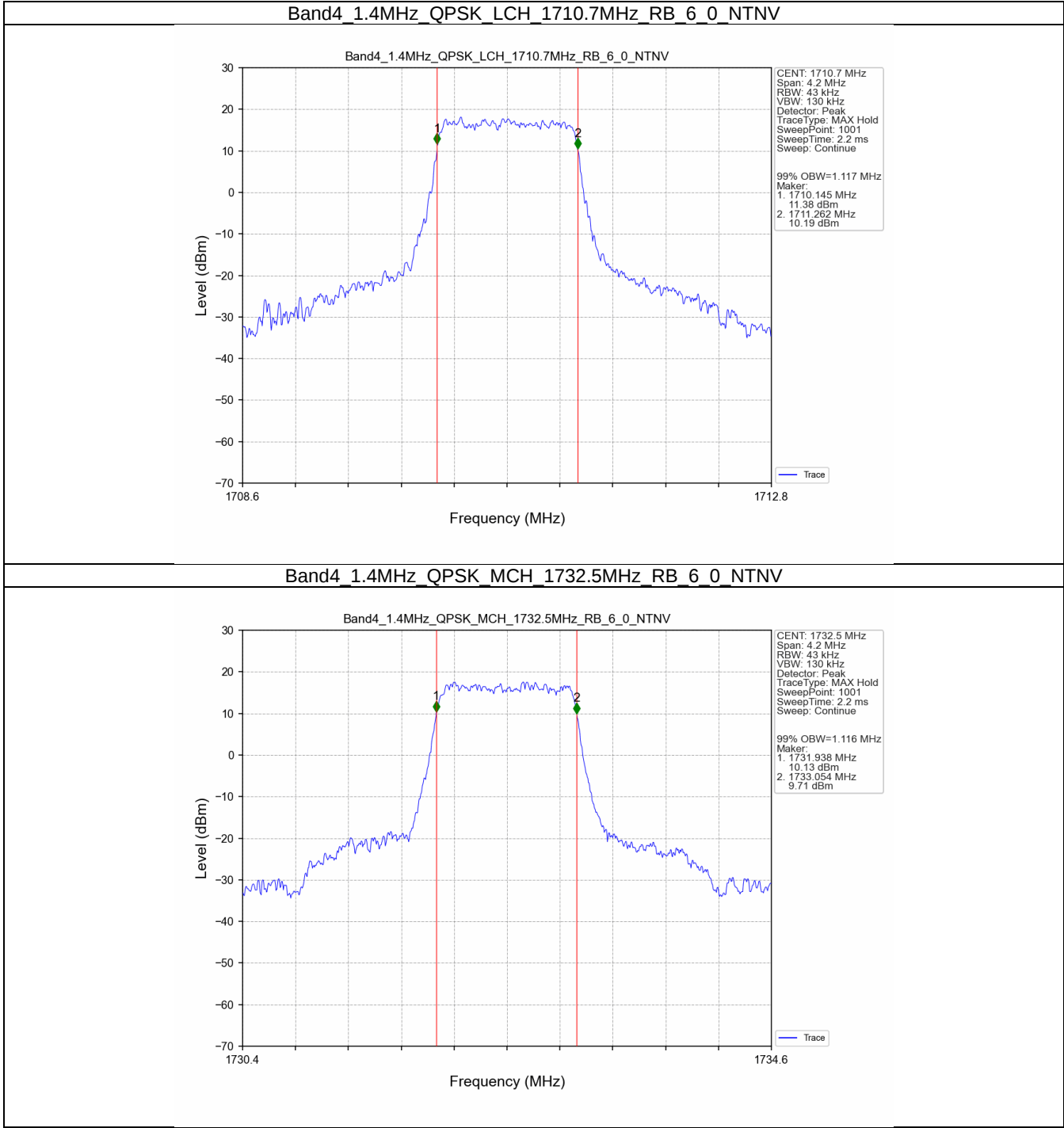
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.117	/	Pass
		1732.5	6	0	1.116	/	Pass
		1754.3	6	0	1.115	/	Pass
	16QAM	1710.7	6	0	1.120	/	Pass
		1732.5	6	0	1.115	/	Pass
		1754.3	6	0	1.120	/	Pass
3	QPSK	1711.5	15	0	2.741	/	Pass
		1732.5	15	0	2.728	/	Pass
		1753.5	15	0	2.725	/	Pass
	16QAM	1711.5	15	0	2.730	/	Pass
		1732.5	15	0	2.728	/	Pass
		1753.5	15	0	2.718	/	Pass
5	QPSK	1712.5	25	0	4.553	/	Pass
		1732.5	25	0	4.539	/	Pass
		1752.5	25	0	4.537	/	Pass
	16QAM	1712.5	25	0	4.529	/	Pass
		1732.5	25	0	4.537	/	Pass
		1752.5	25	0	4.529	/	Pass
10	QPSK	1715	50	0	9.074	/	Pass
		1732.5	50	0	9.091	/	Pass
		1750	50	0	9.108	/	Pass
	16QAM	1715	27	0	5.092	/	Pass
		1732.5	27	0	5.110	/	Pass
		1750	27	23	5.104	/	Pass
15	QPSK	1717.5	75	0	13.659	/	Pass
		1732.5	75	0	13.611	/	Pass
		1747.5	75	0	13.610	/	Pass
	16QAM	1717.5	27	0	5.422	/	Pass
		1732.5	27	0	5.453	/	Pass
		1747.5	27	48	5.400	/	Pass
20	QPSK	1720	100	0	18.155	/	Pass
		1732.5	100	0	18.135	/	Pass
		1745	100	0	18.089	/	Pass
	16QAM	1720	27	0	5.647	/	Pass
		1732.5	27	0	5.744	/	Pass
		1745	27	73	5.651	/	Pass

3.1.2 Band4_XDB

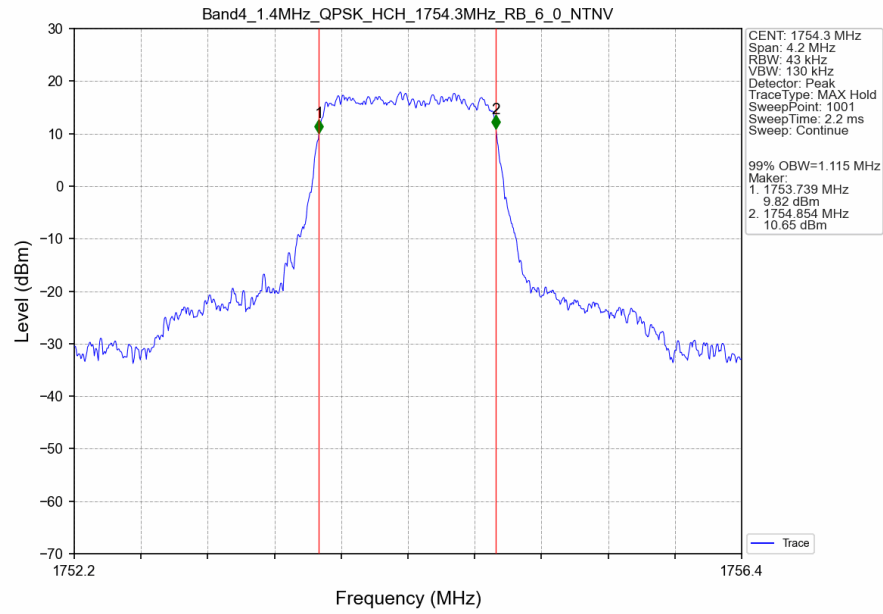
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.335	/	Pass
		1732.5	6	0	1.337	/	Pass
		1754.3	6	0	1.330	/	Pass
	16QAM	1710.7	6	0	1.323	/	Pass
		1732.5	6	0	1.354	/	Pass
		1754.3	6	0	1.313	/	Pass
3	QPSK	1711.5	15	0	3.028	/	Pass
		1732.5	15	0	3.057	/	Pass
		1753.5	15	0	3.055	/	Pass
	16QAM	1711.5	15	0	3.051	/	Pass
		1732.5	15	0	3.048	/	Pass
		1753.5	15	0	3.041	/	Pass
5	QPSK	1712.5	25	0	5.074	/	Pass
		1732.5	25	0	5.113	/	Pass
		1752.5	25	0	5.069	/	Pass
	16QAM	1712.5	25	0	5.148	/	Pass
		1732.5	25	0	5.070	/	Pass
		1752.5	25	0	5.017	/	Pass
10	QPSK	1715	50	0	10.452	/	Pass
		1732.5	50	0	10.287	/	Pass
		1750	50	0	10.288	/	Pass
	16QAM	1715	27	0	6.386	/	Pass
		1732.5	27	0	6.217	/	Pass
		1750	27	23	6.320	/	Pass
15	QPSK	1717.5	75	0	15.502	/	Pass
		1732.5	75	0	15.515	/	Pass
		1747.5	75	0	15.482	/	Pass
	16QAM	1717.5	27	0	7.134	/	Pass
		1732.5	27	0	7.077	/	Pass
		1747.5	27	48	7.025	/	Pass
20	QPSK	1720	100	0	20.451	/	Pass
		1732.5	100	0	20.541	/	Pass
		1745	100	0	20.244	/	Pass
	16QAM	1720	27	0	7.523	/	Pass
		1732.5	27	0	7.475	/	Pass
		1745	27	73	7.570	/	Pass

3.2 Test Graph

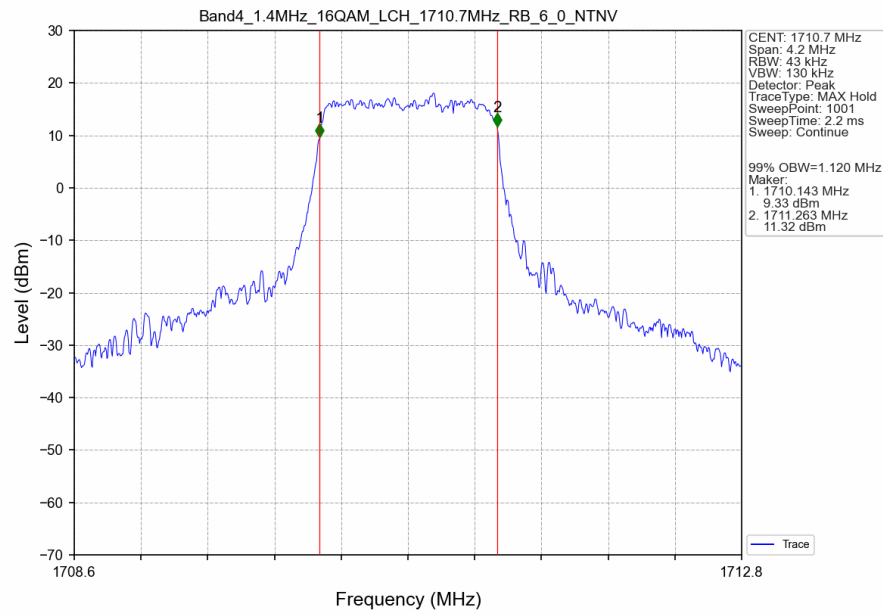
3.2.1 Band4_OBW



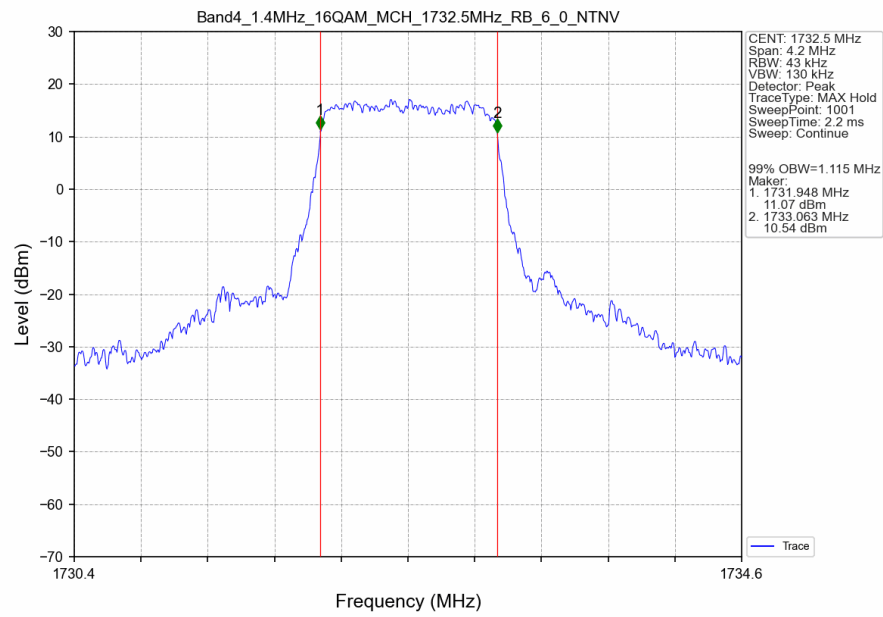
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



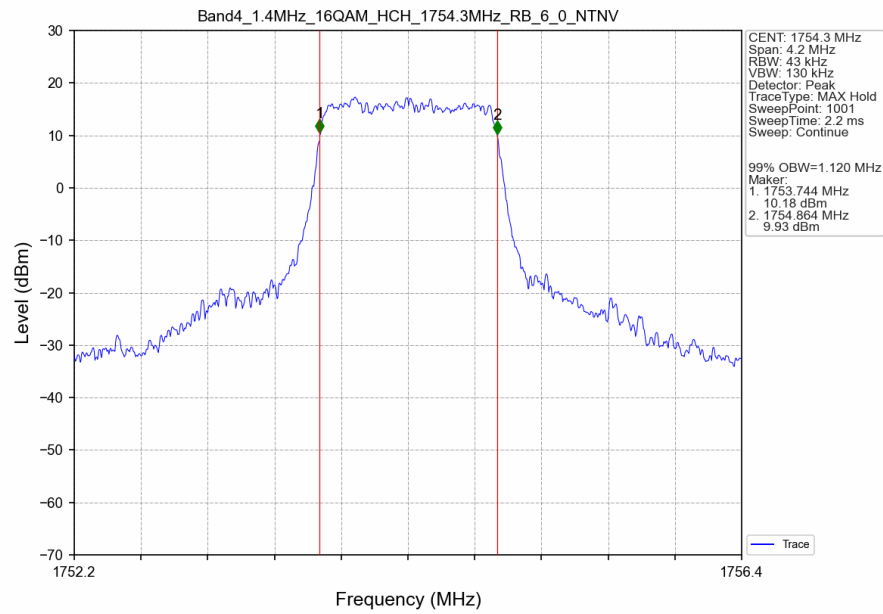
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



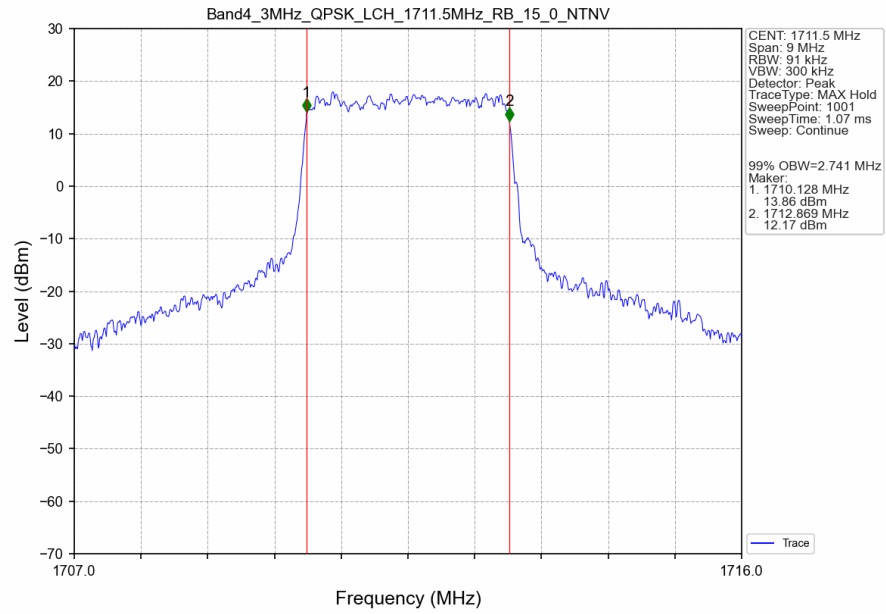
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



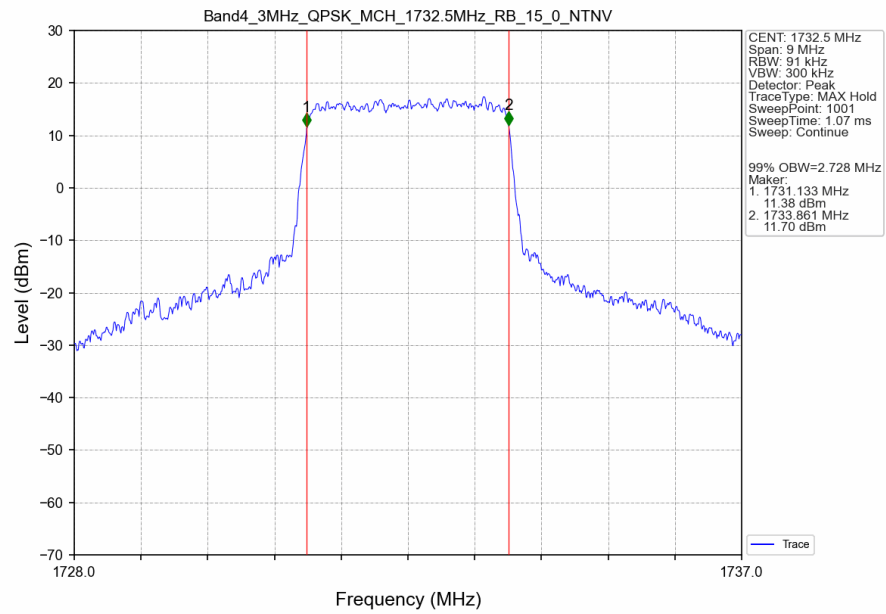
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



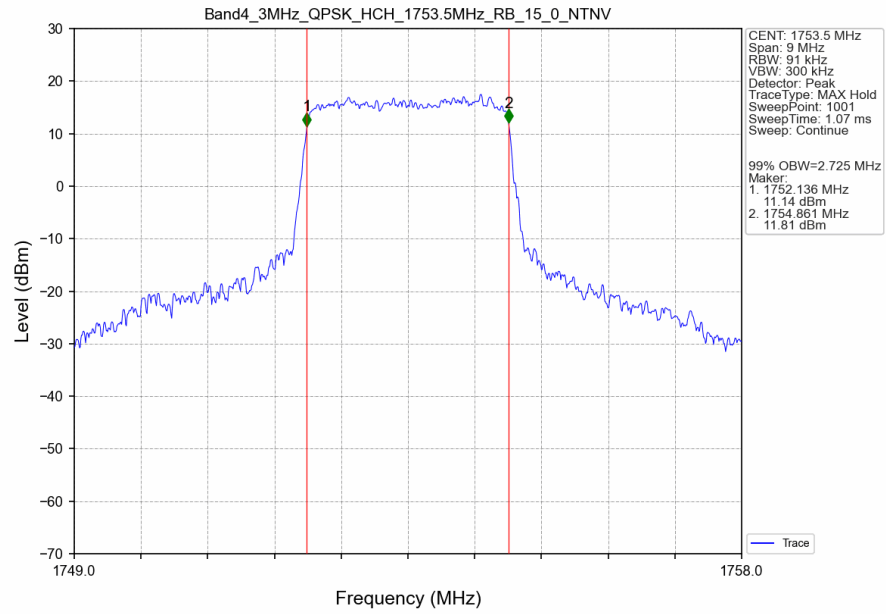
Band4 3MHz QPSK LCH 1711.5MHz RB 15_0 NTN



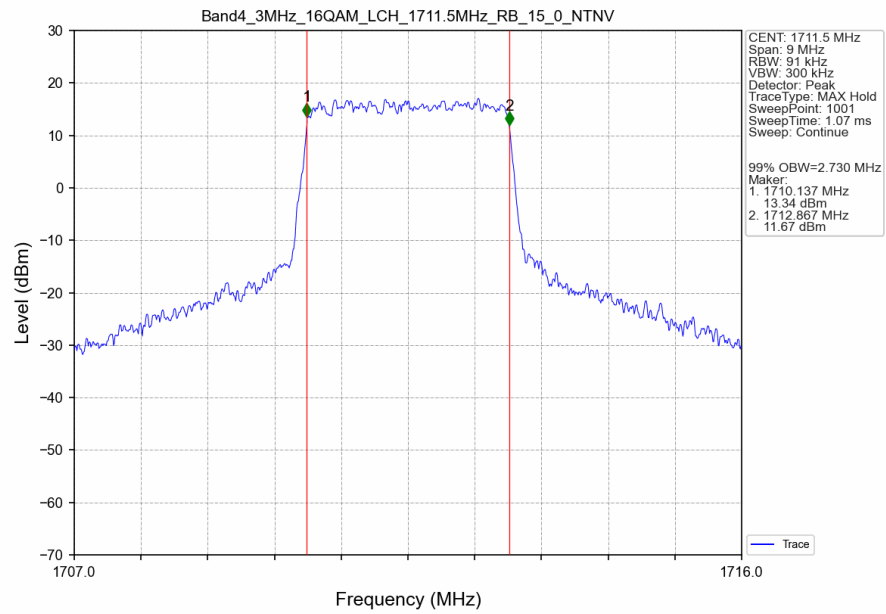
Band4 3MHz QPSK MCH 1732.5MHz RB 15_0 NTN



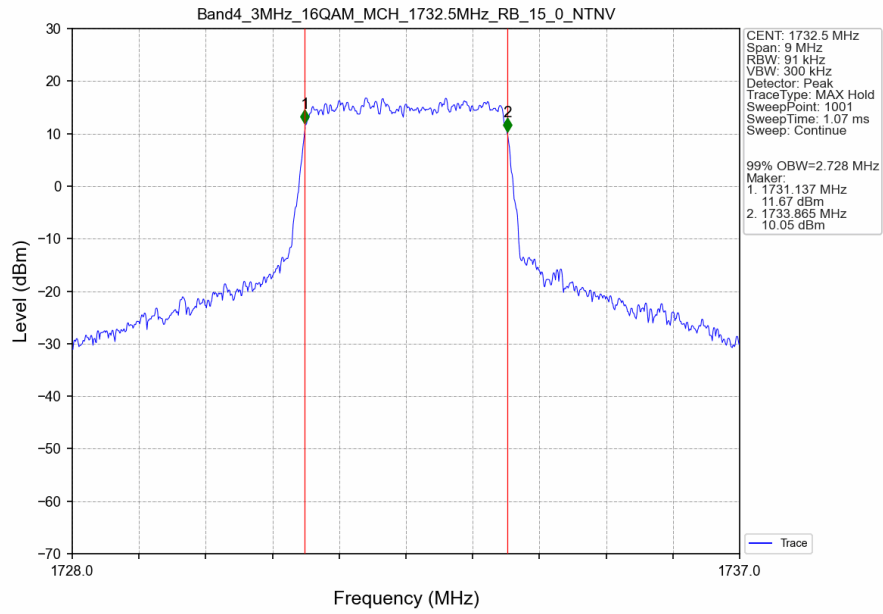
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



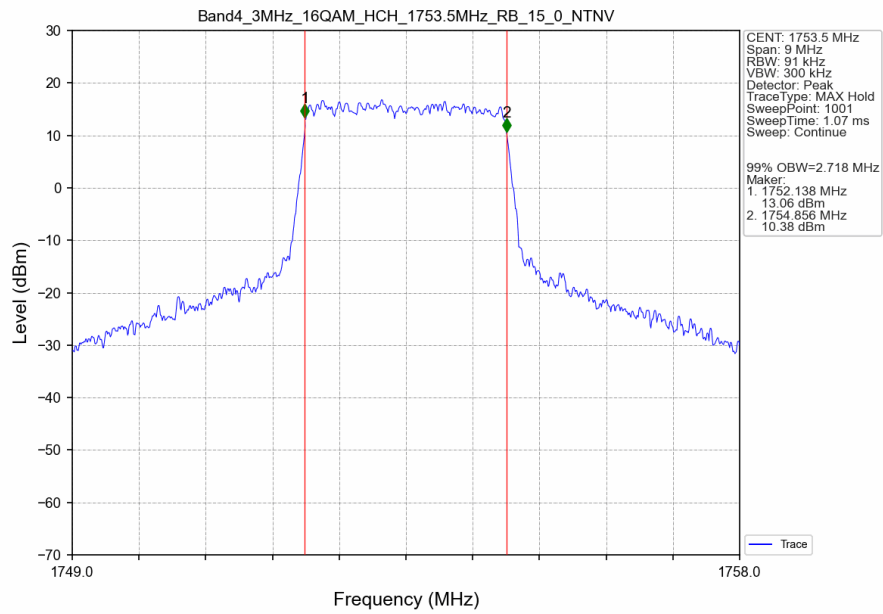
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



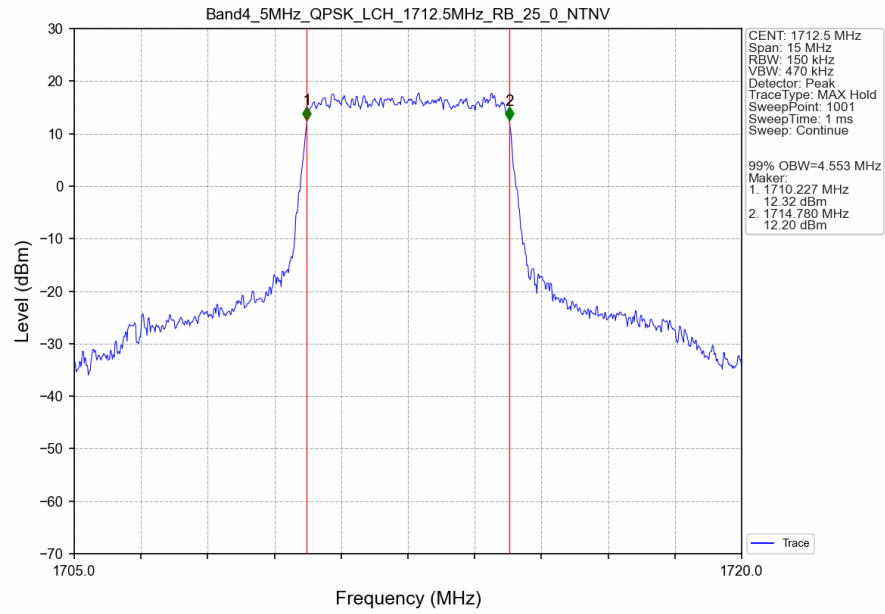
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



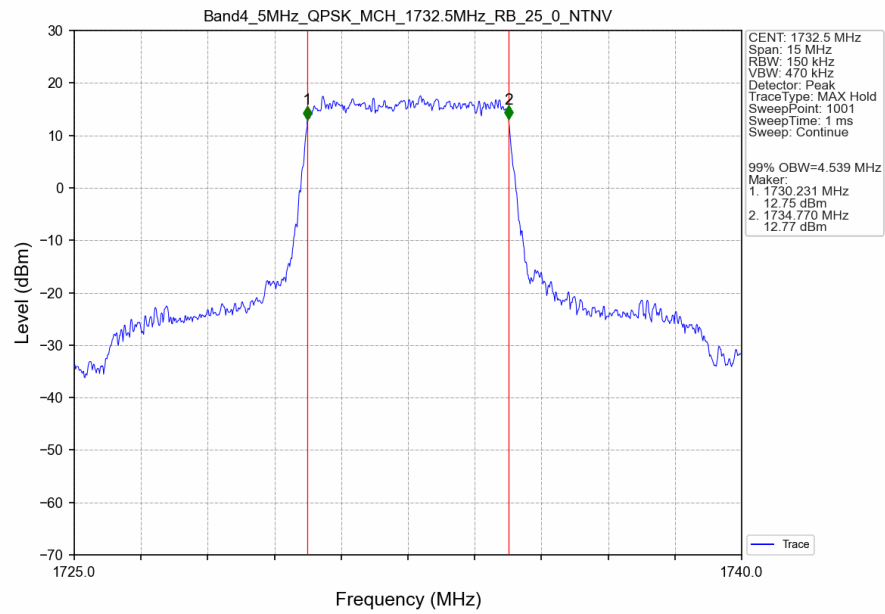
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



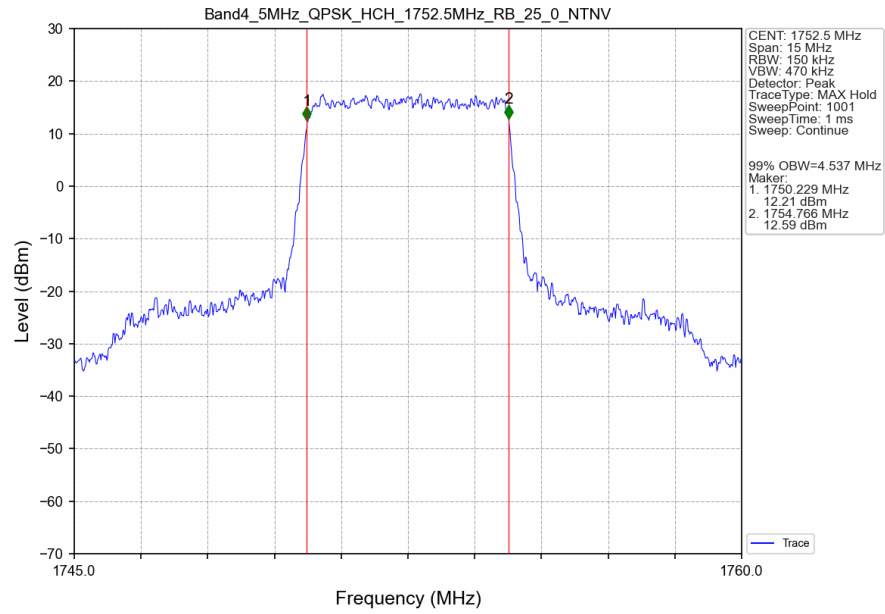
Band4 5MHz QPSK LCH 1712.5MHz RB 25_0 NTN



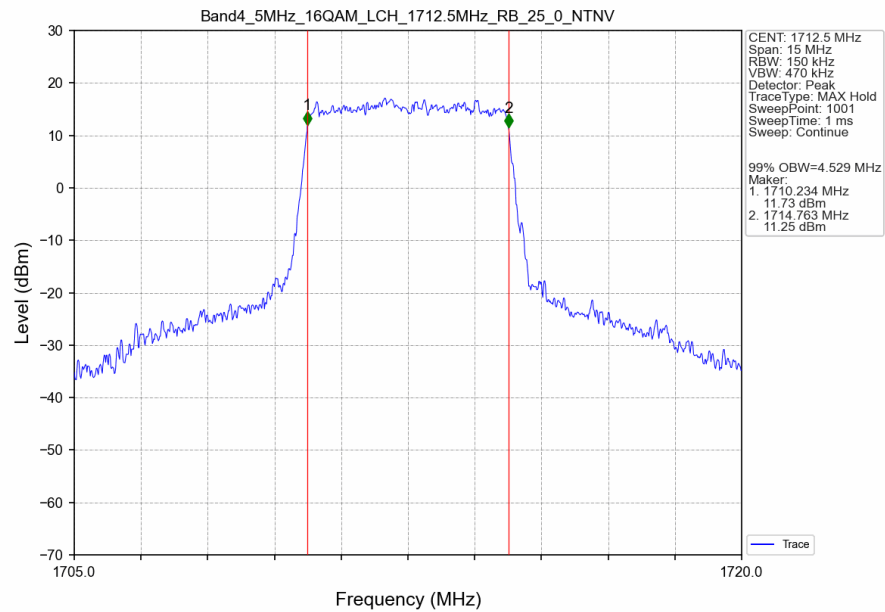
Band4 5MHz QPSK MCH 1732.5MHz RB 25_0 NTN



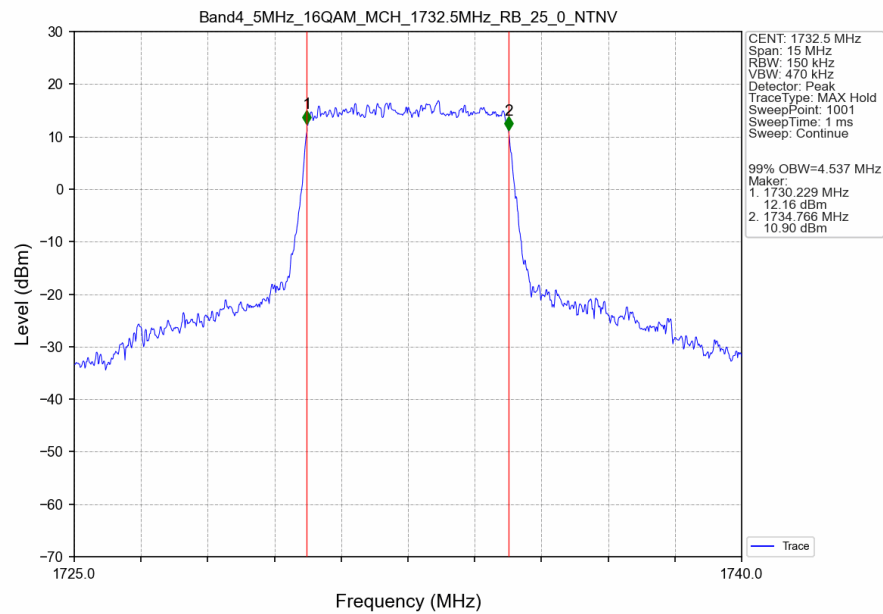
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



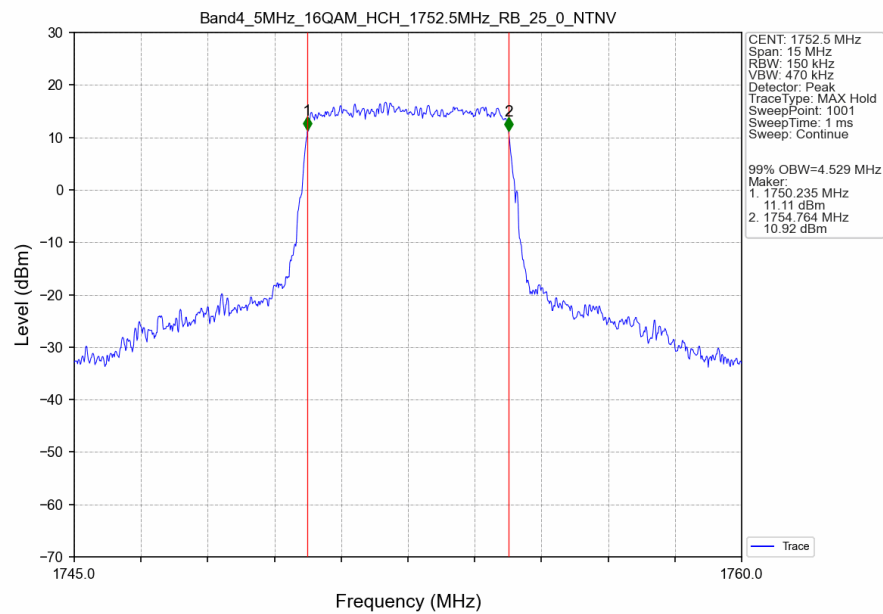
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



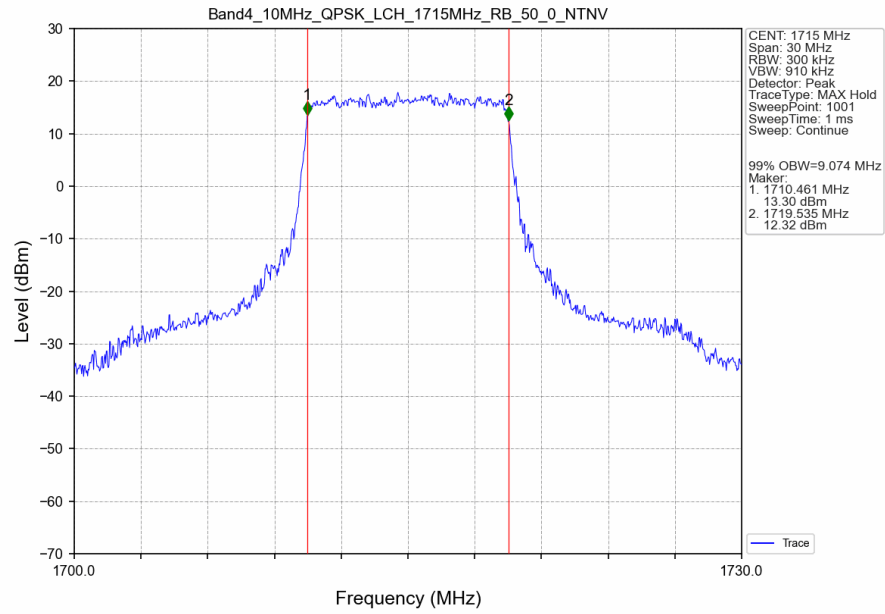
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



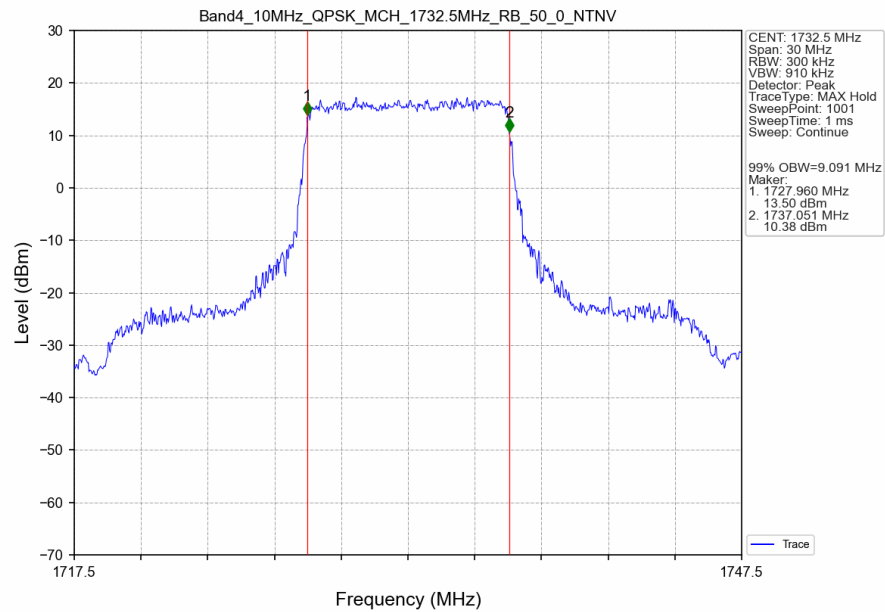
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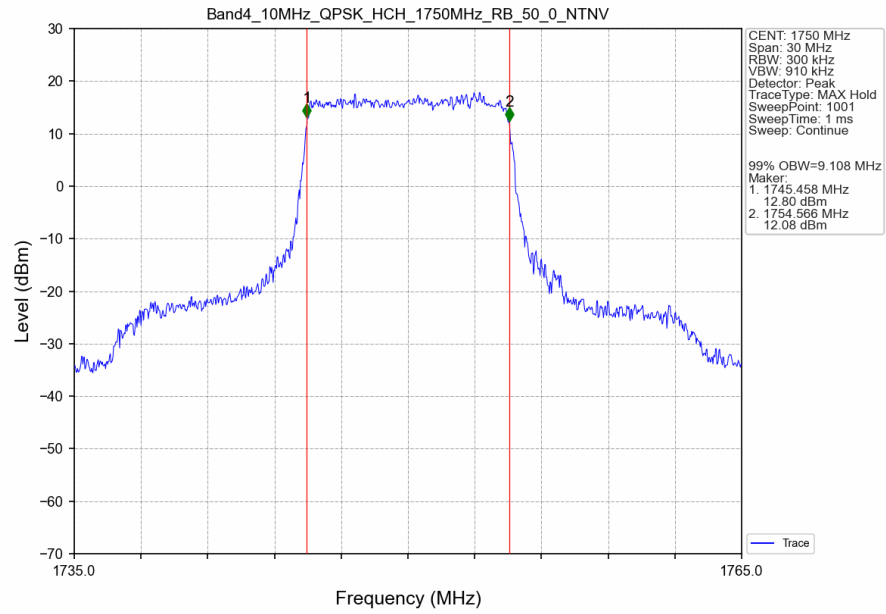
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



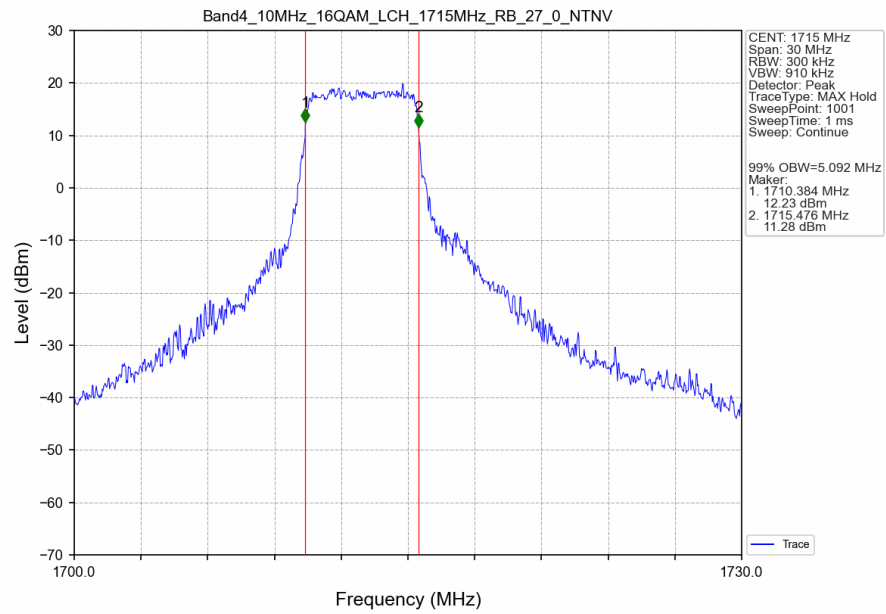
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



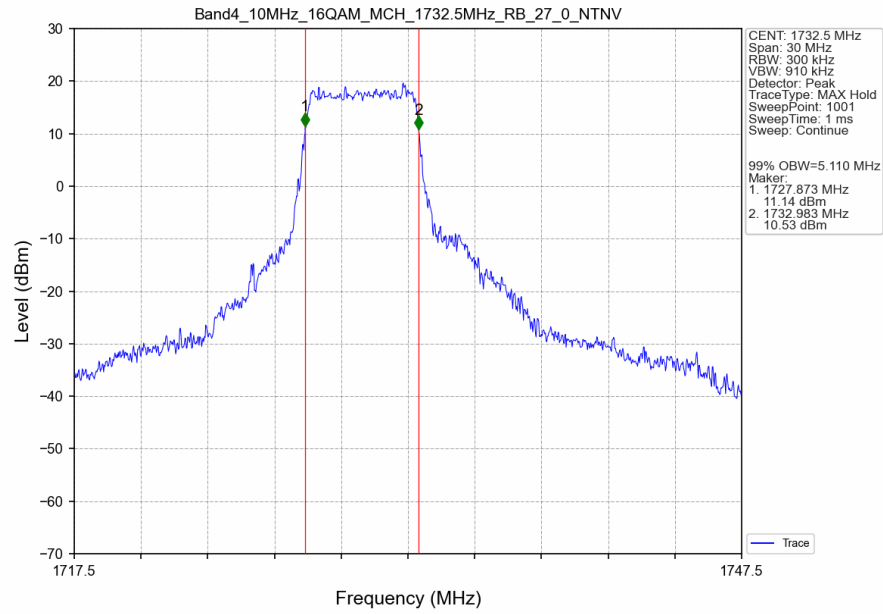
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



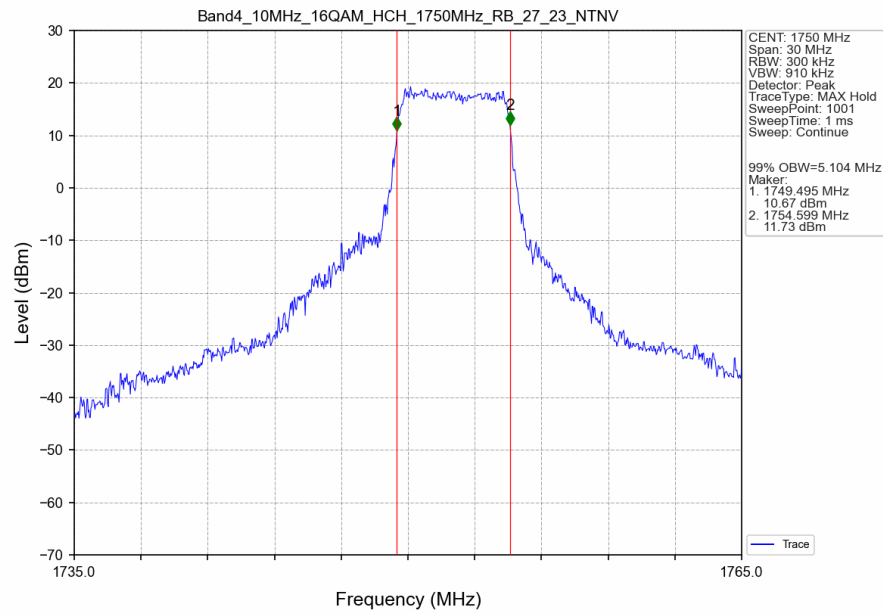
Band4 10MHz 16QAM LCH 1715MHz RB 27 0 NTN



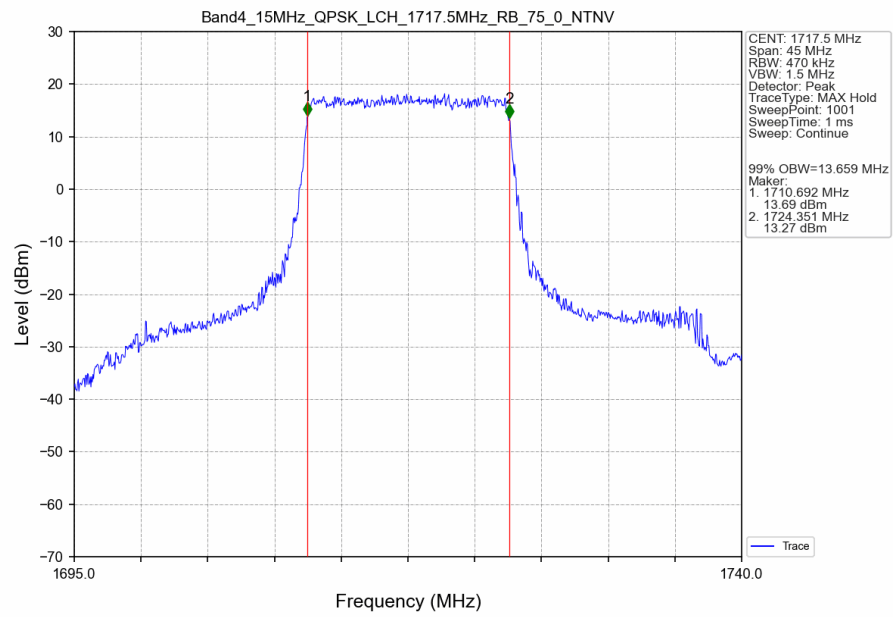
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



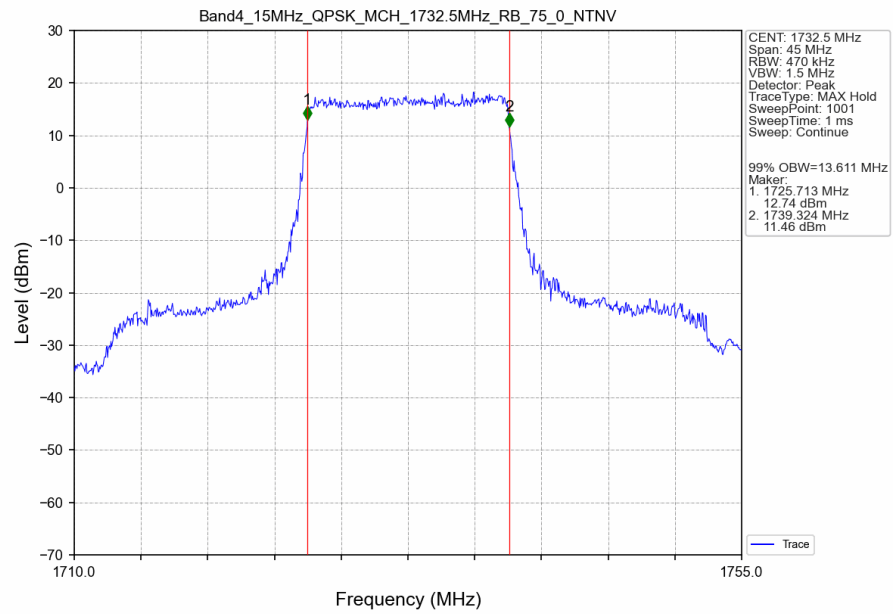
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



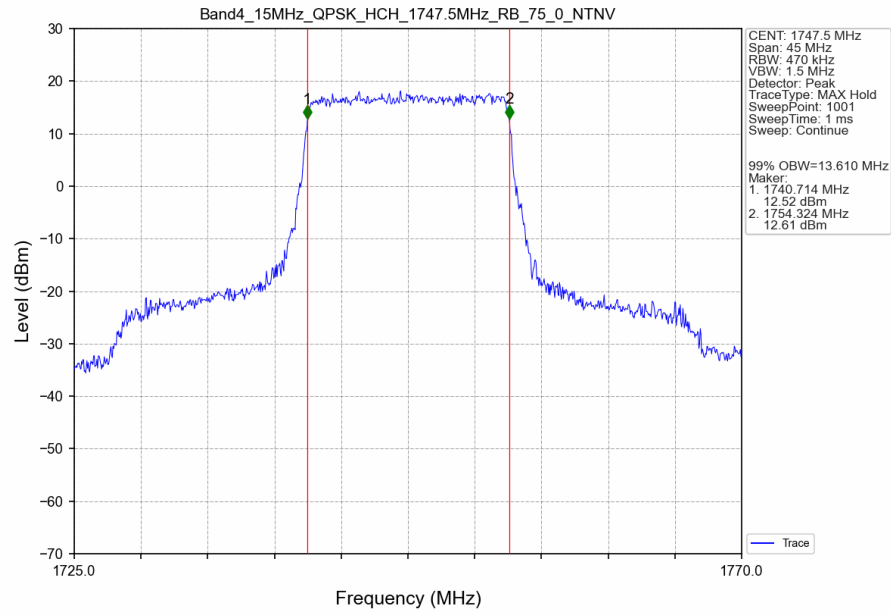
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



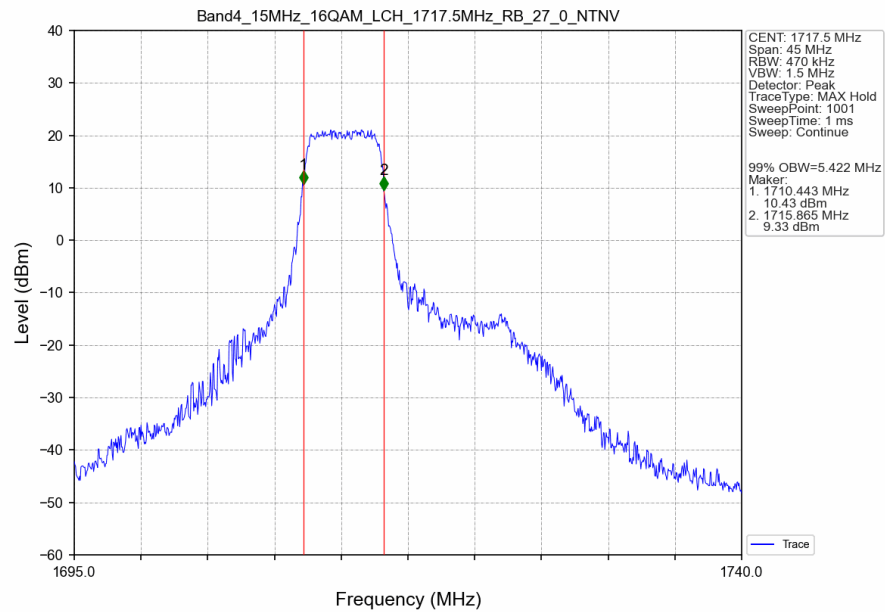
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



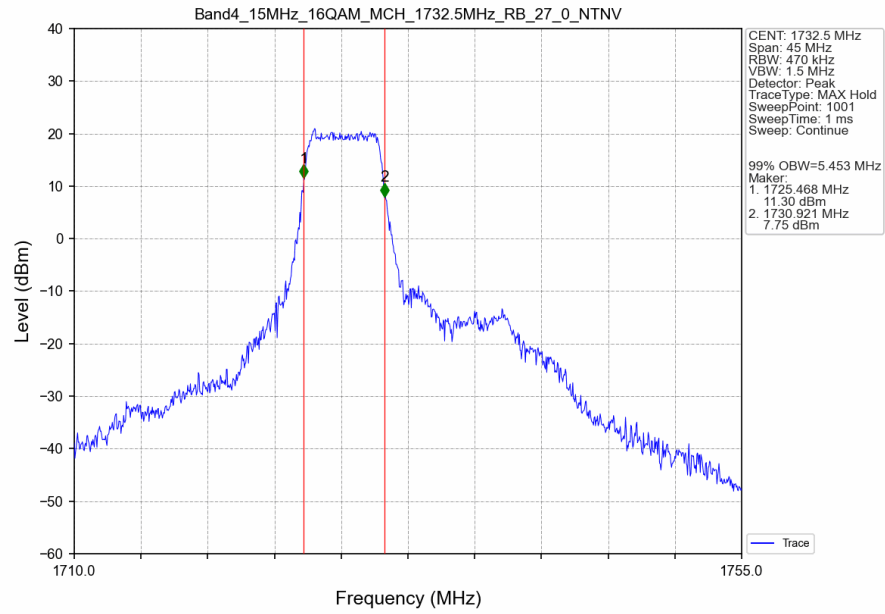
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



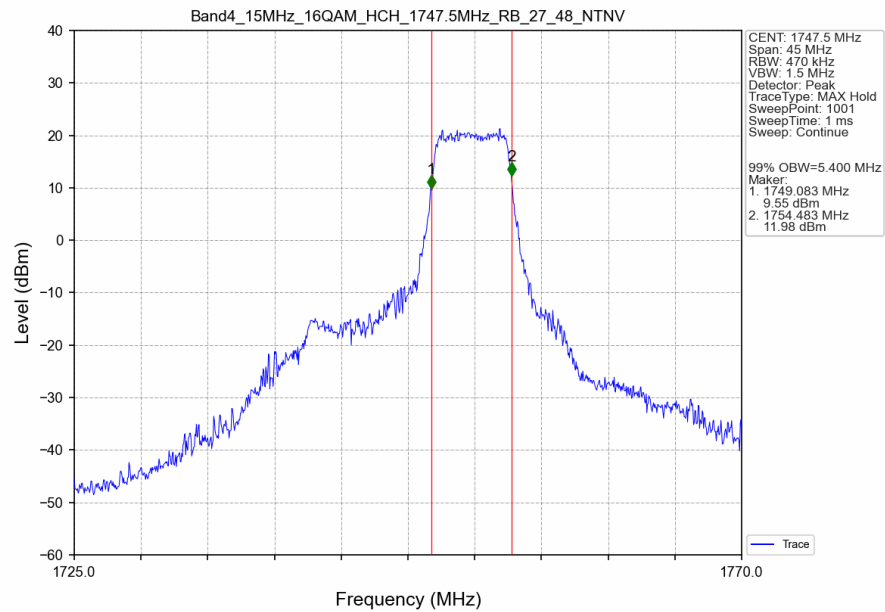
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



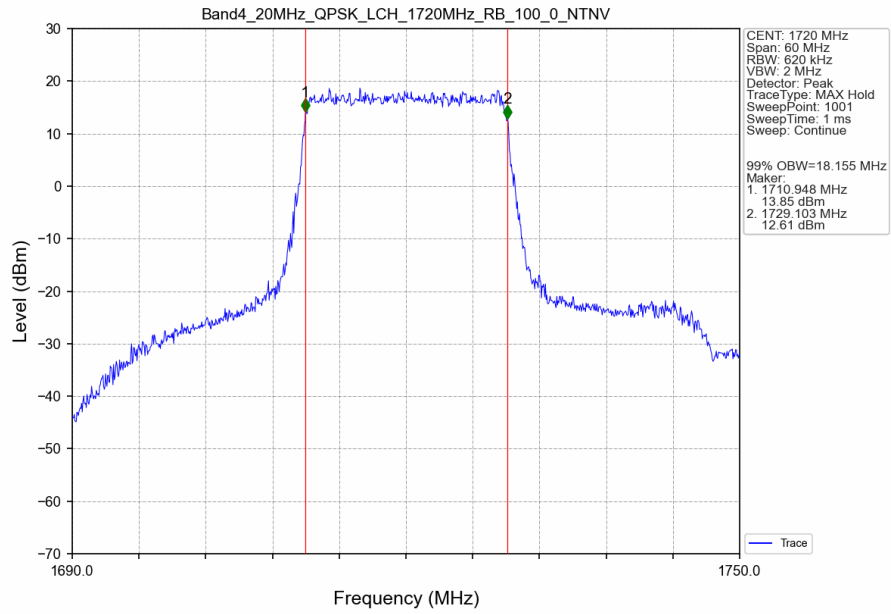
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



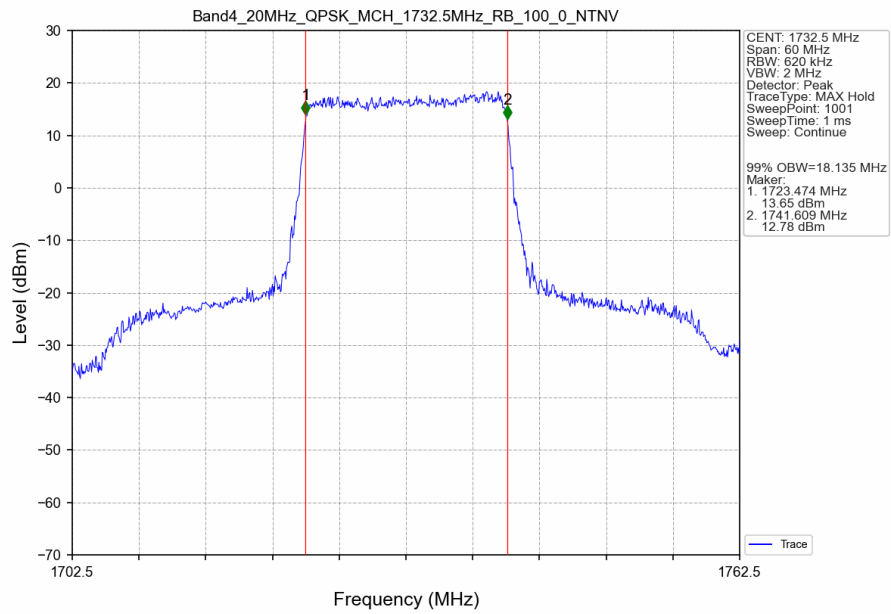
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



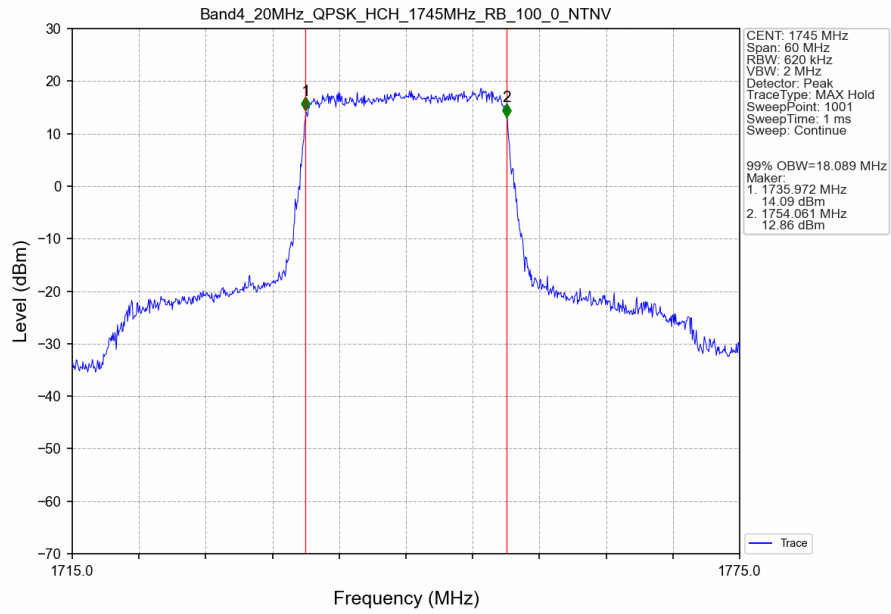
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



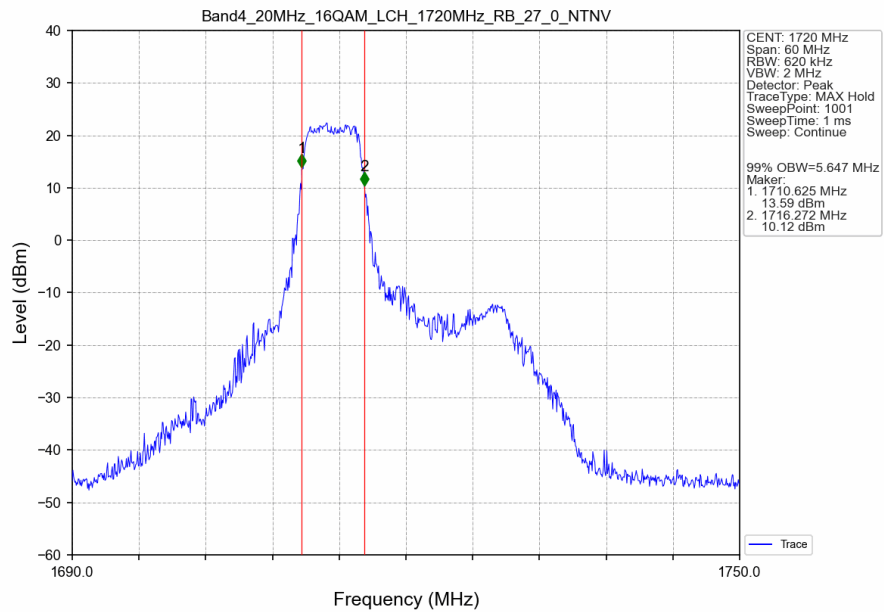
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



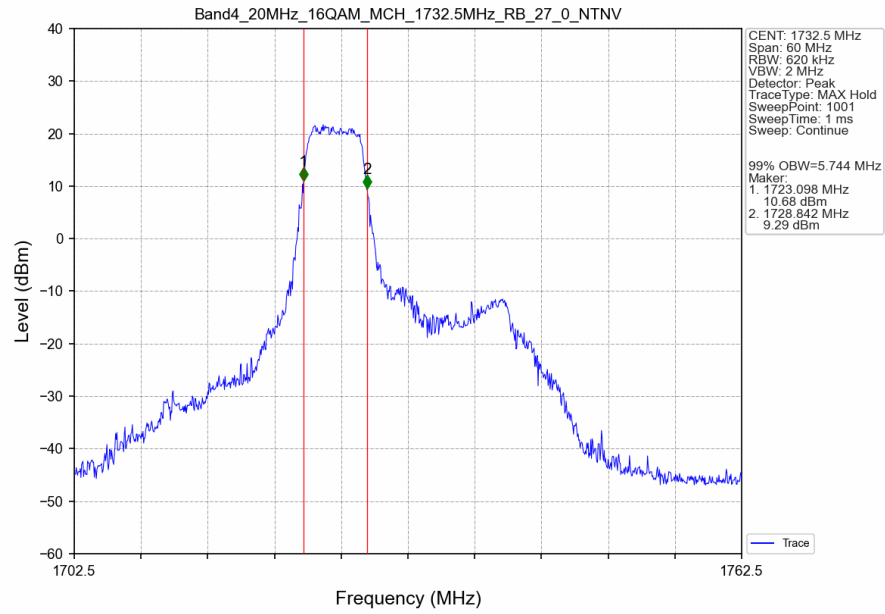
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



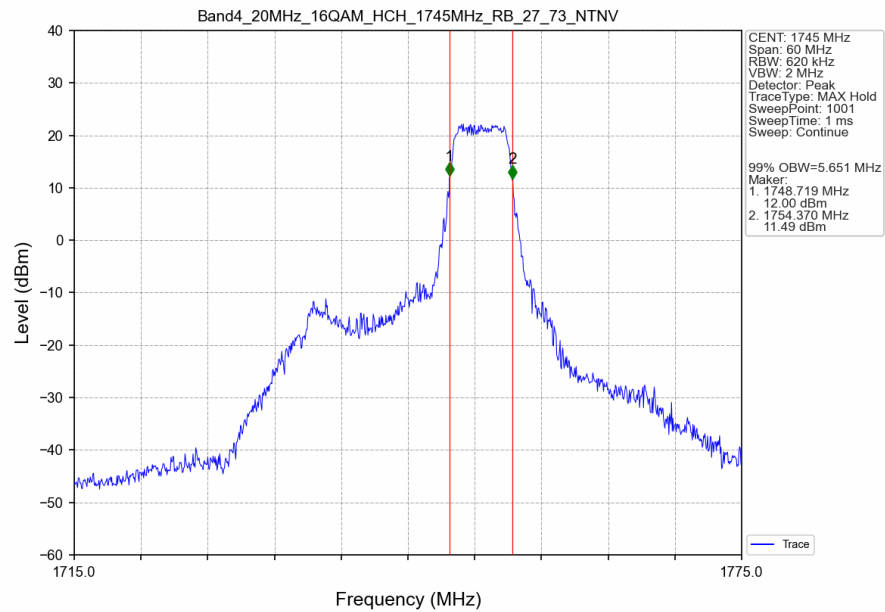
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



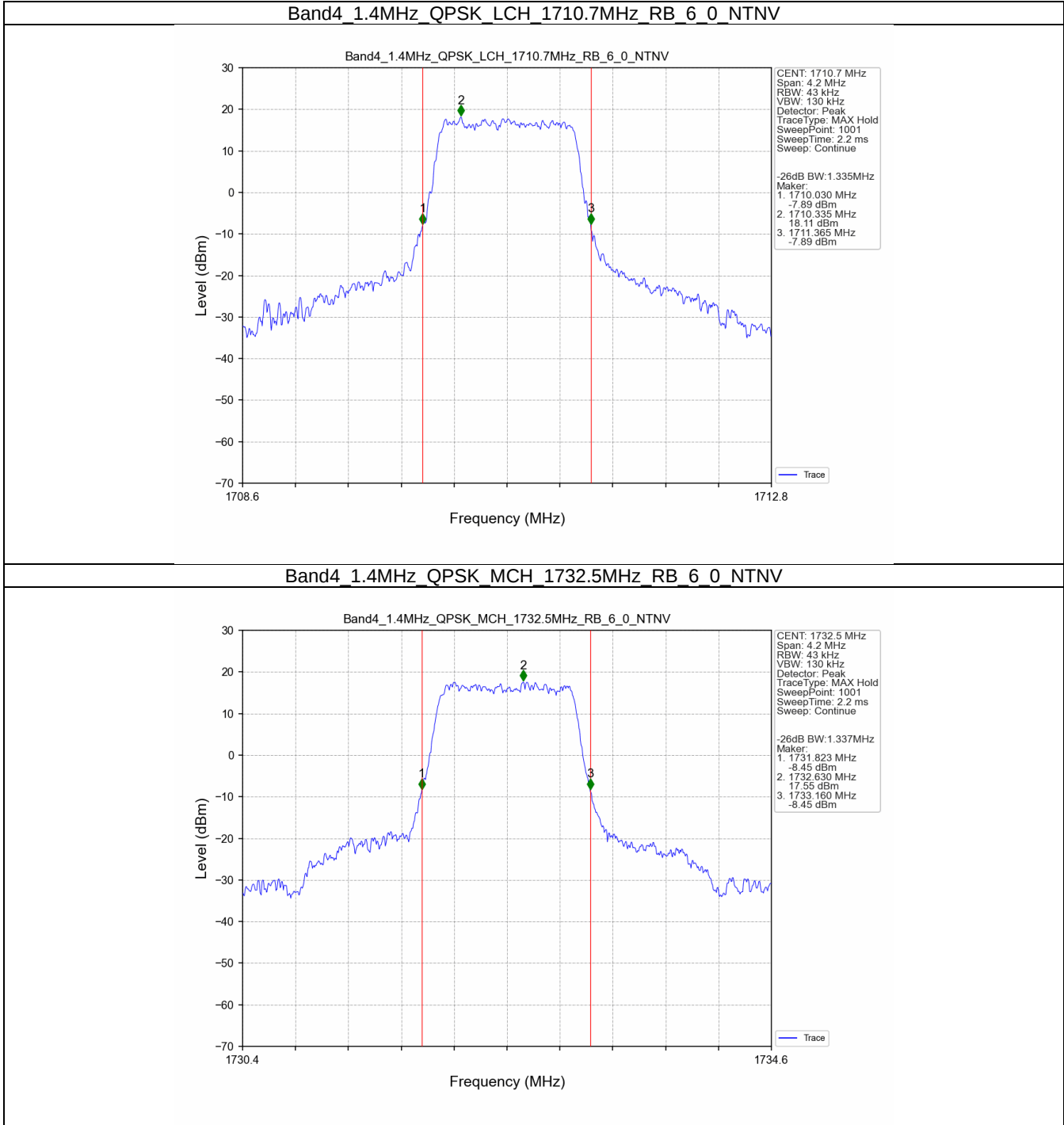
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



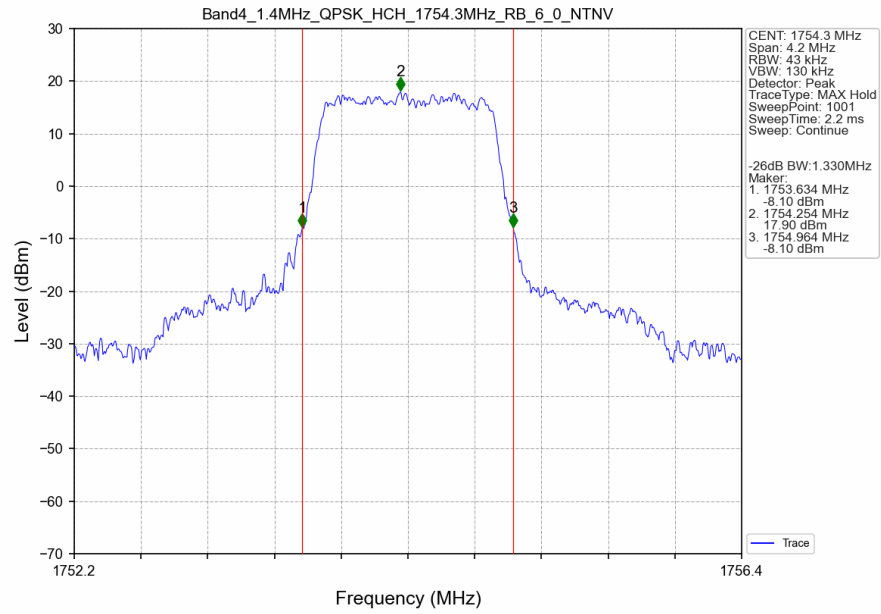
Band4_20MHz_16QAM_HCH_1745MHz_RB_27_73_NTNV



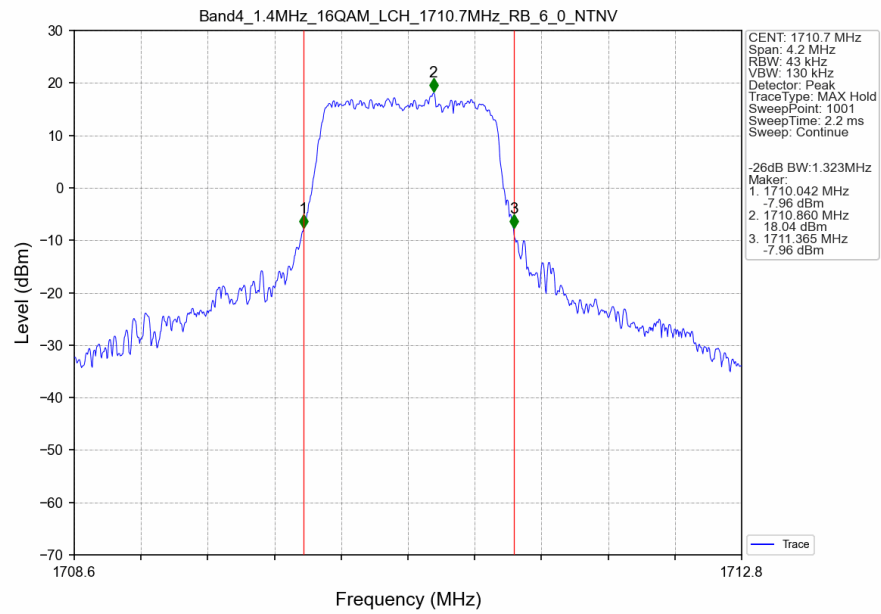
3.2.2 Band4_XDB



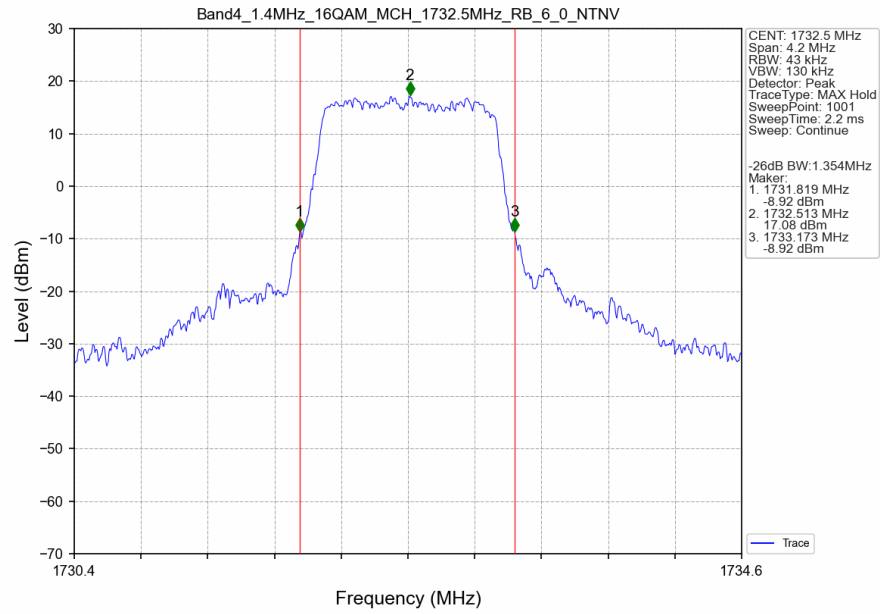
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



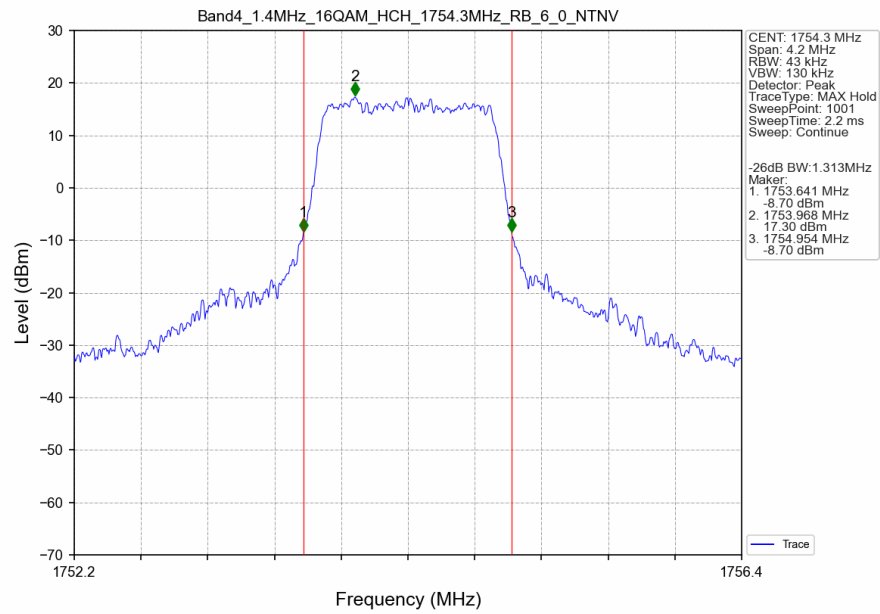
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



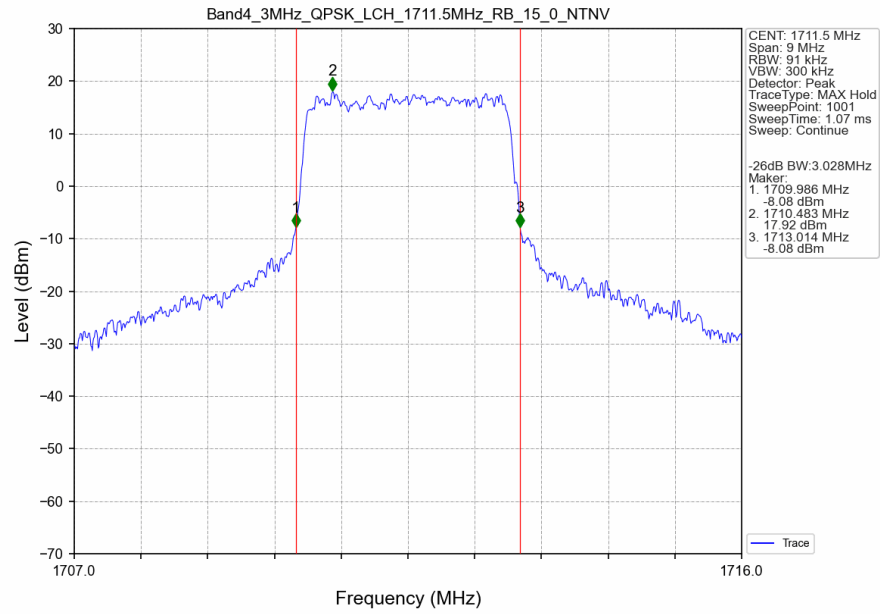
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6_0 NTN



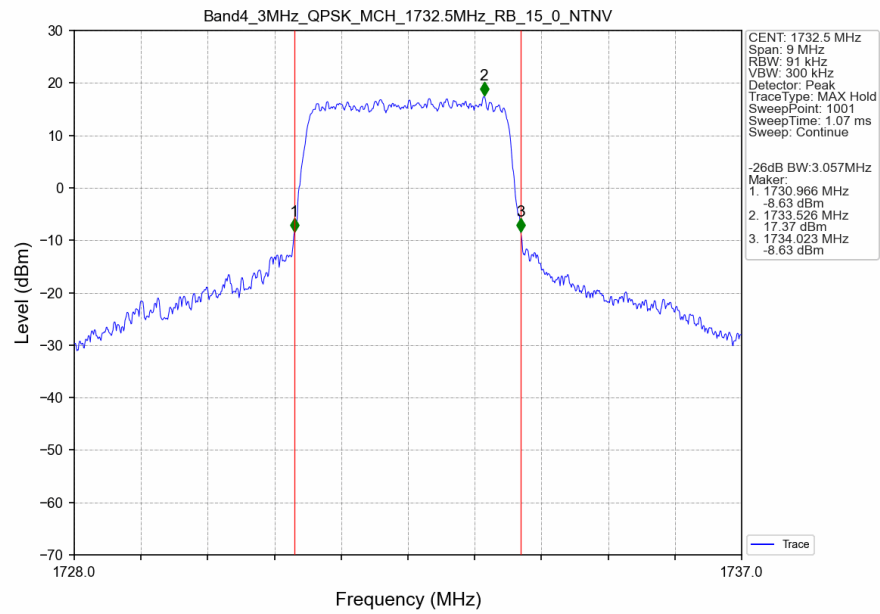
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6_0 NTN



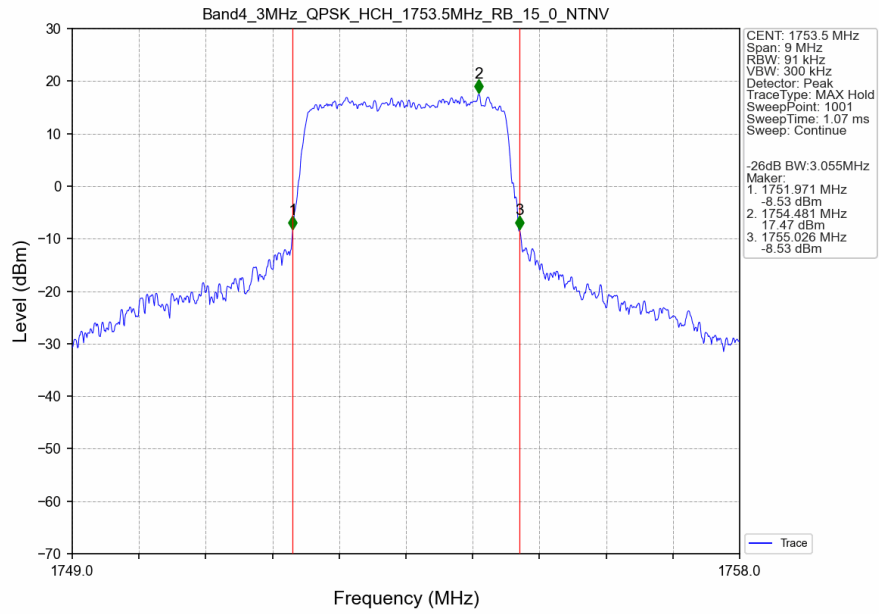
Band4 3MHz QPSK LCH 1711.5MHz RB 15_0 NTN



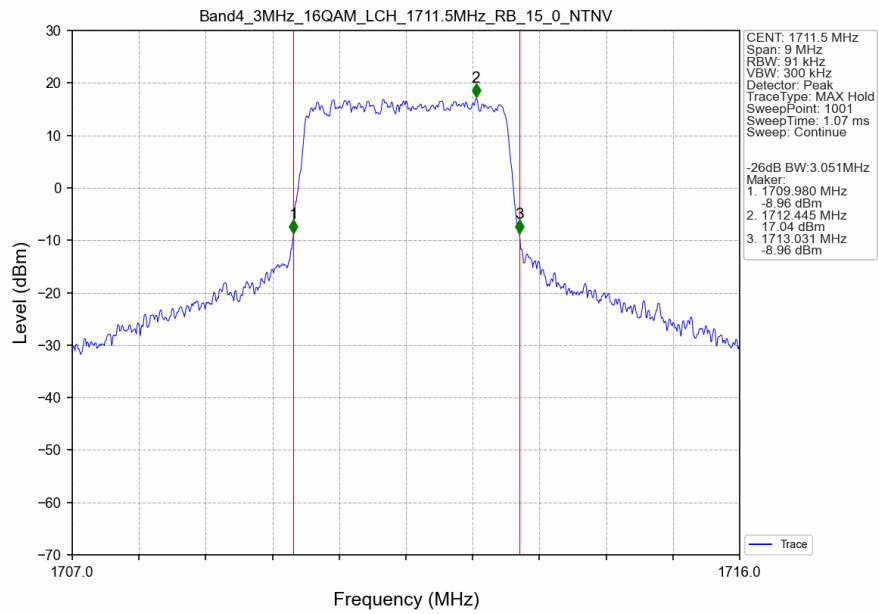
Band4 3MHz QPSK MCH 1732.5MHz RB 15_0 NTN



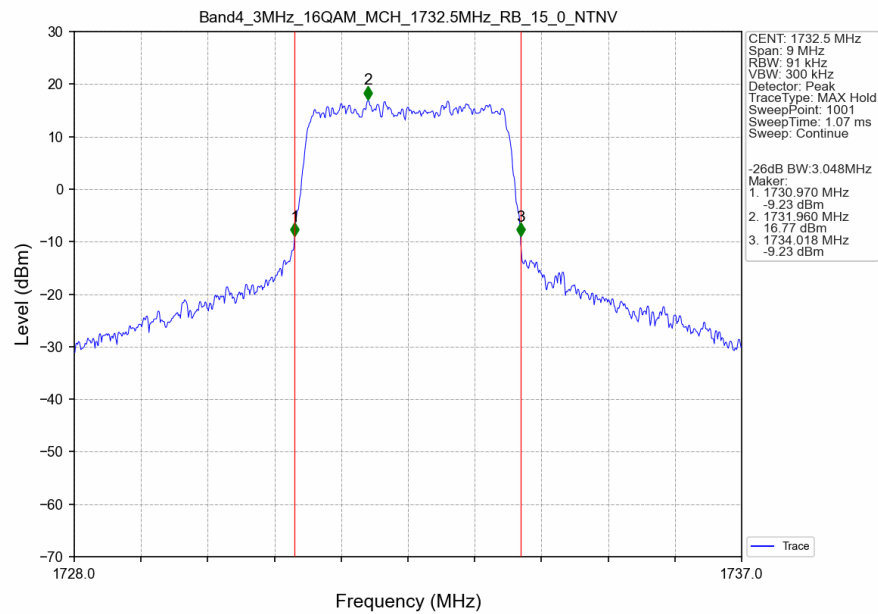
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



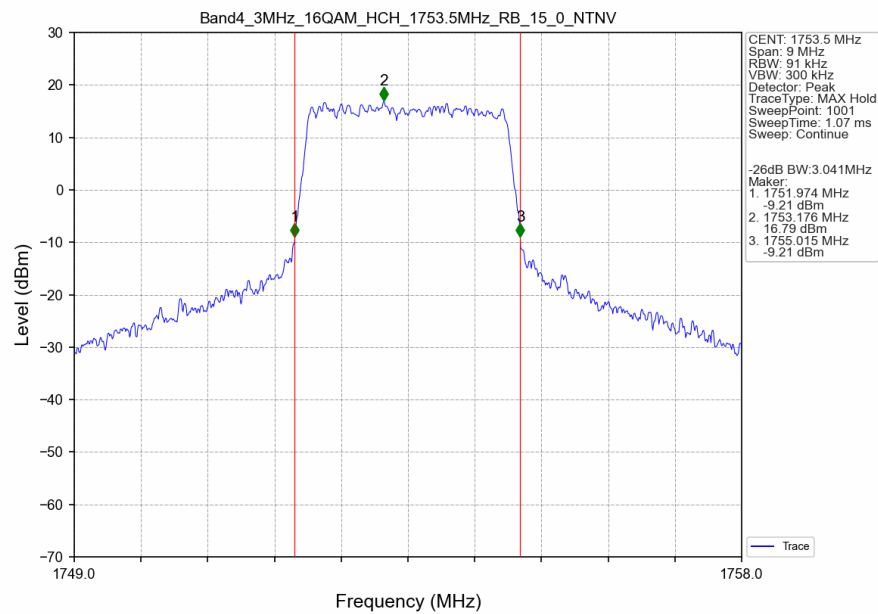
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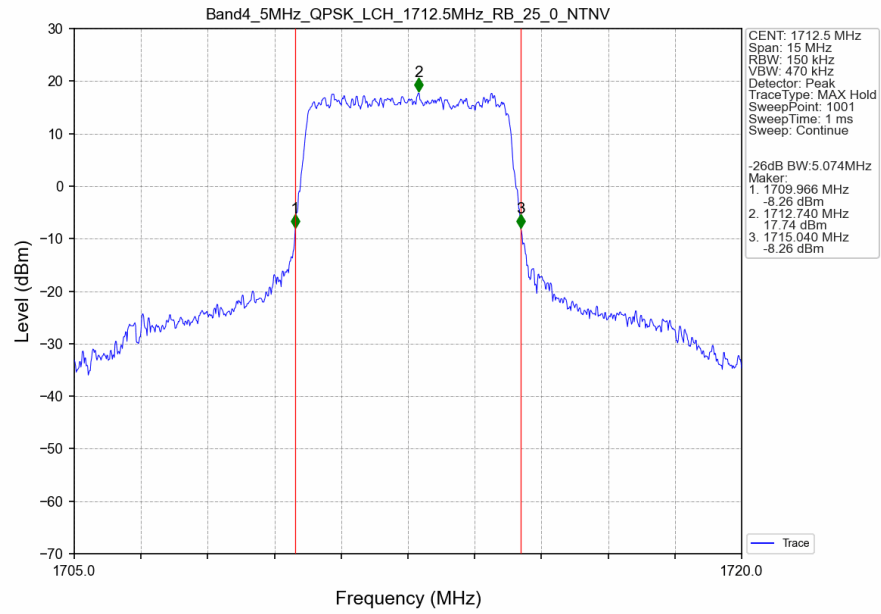
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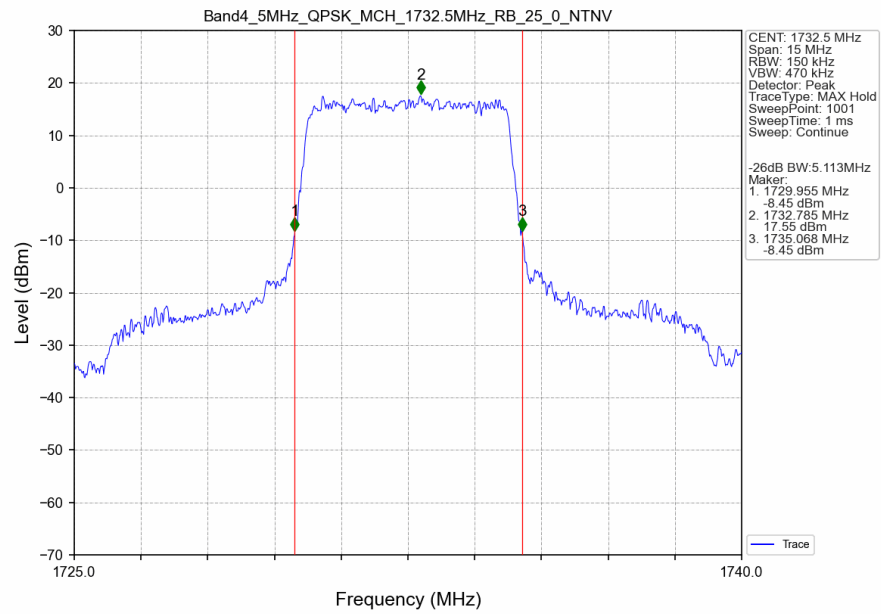
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



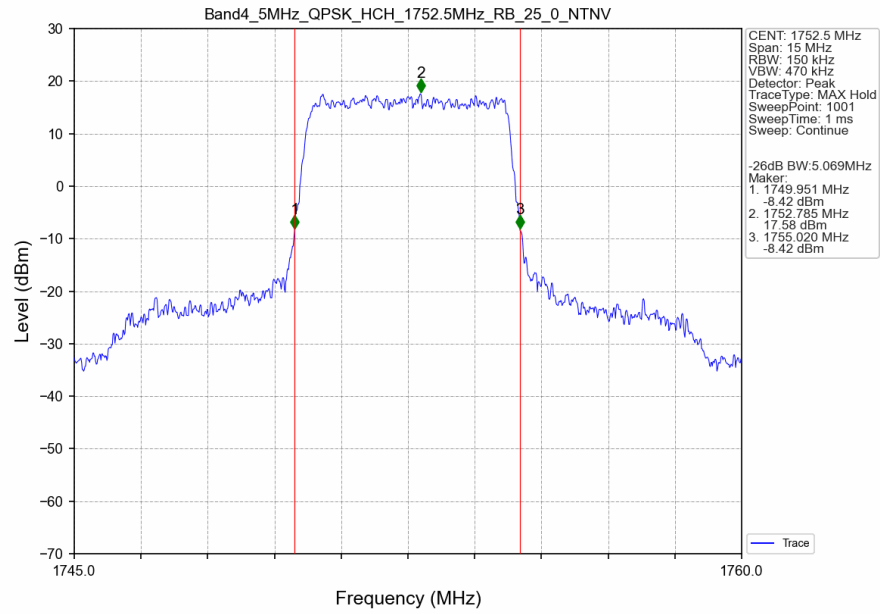
Band4 5MHz QPSK LCH 1712.5MHz RB 25_0 NTN



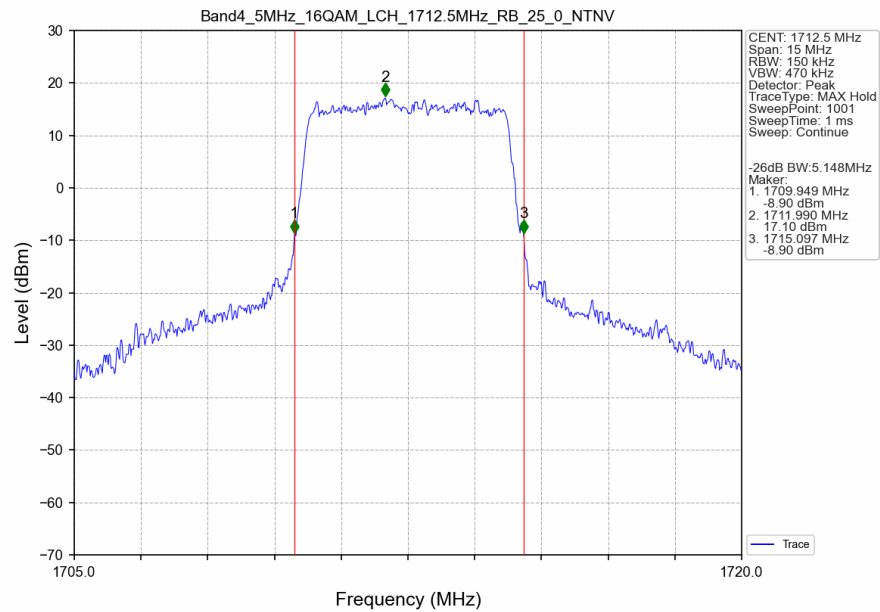
Band4 5MHz QPSK MCH 1732.5MHz RB 25_0 NTN



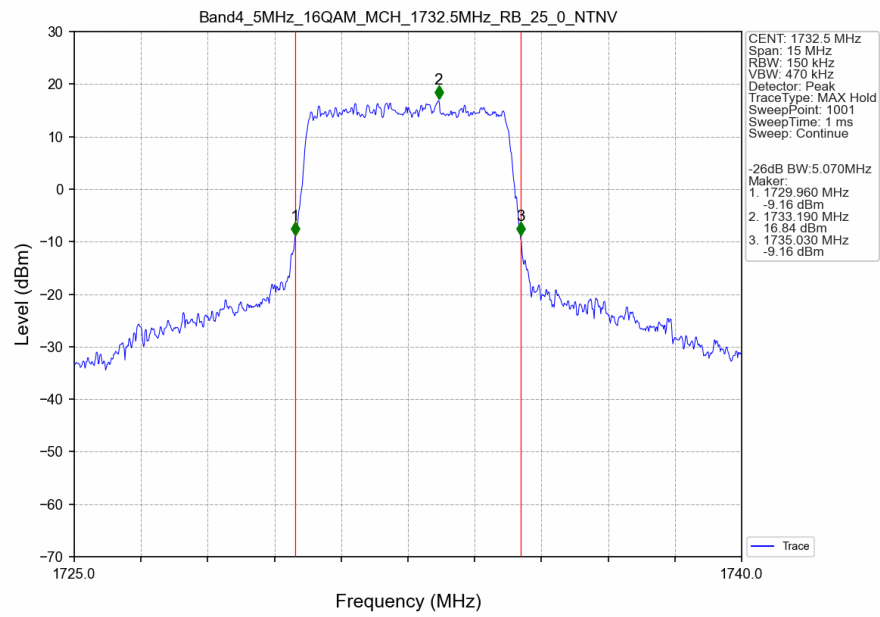
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



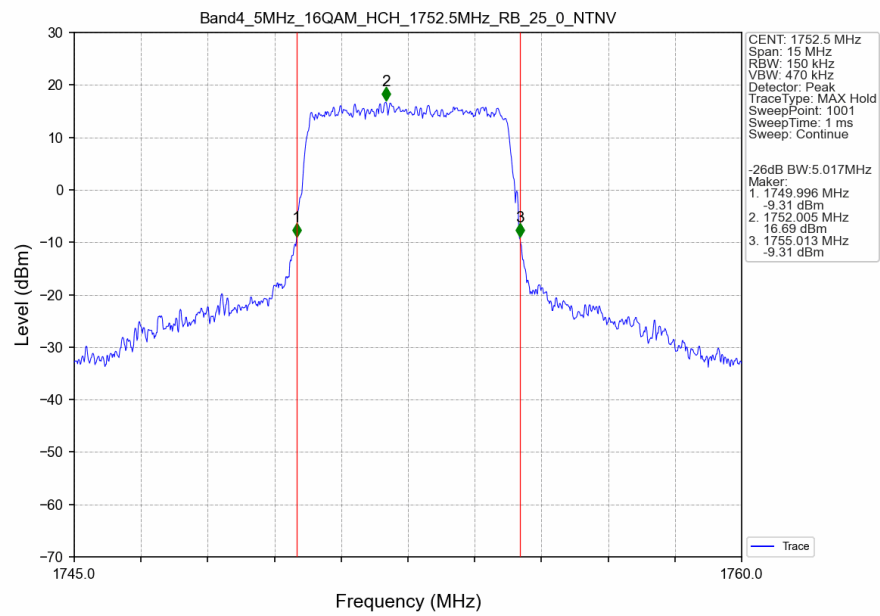
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



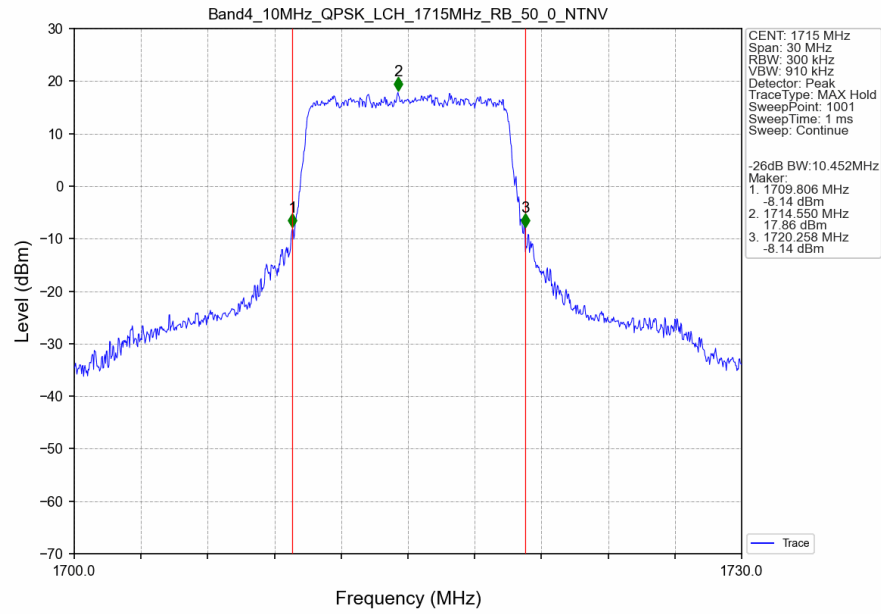
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



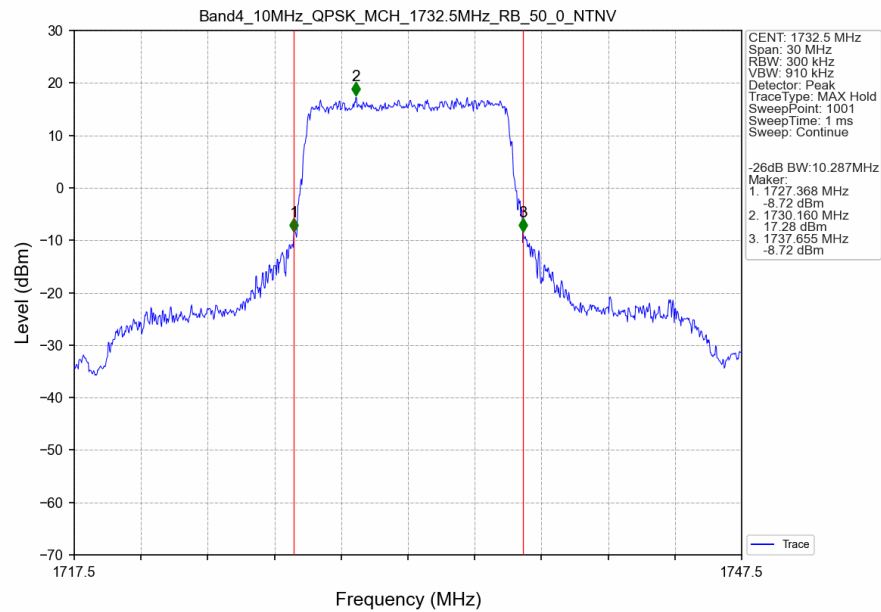
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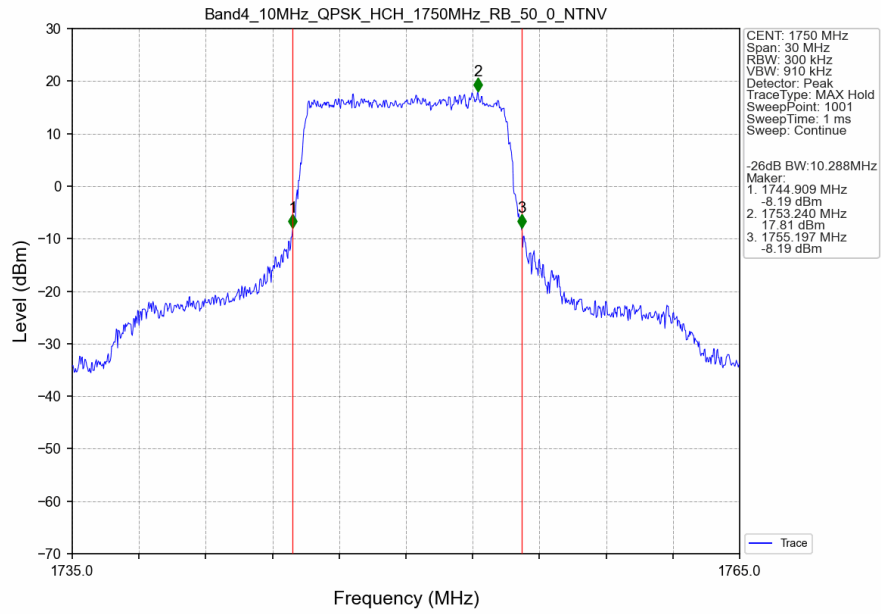
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



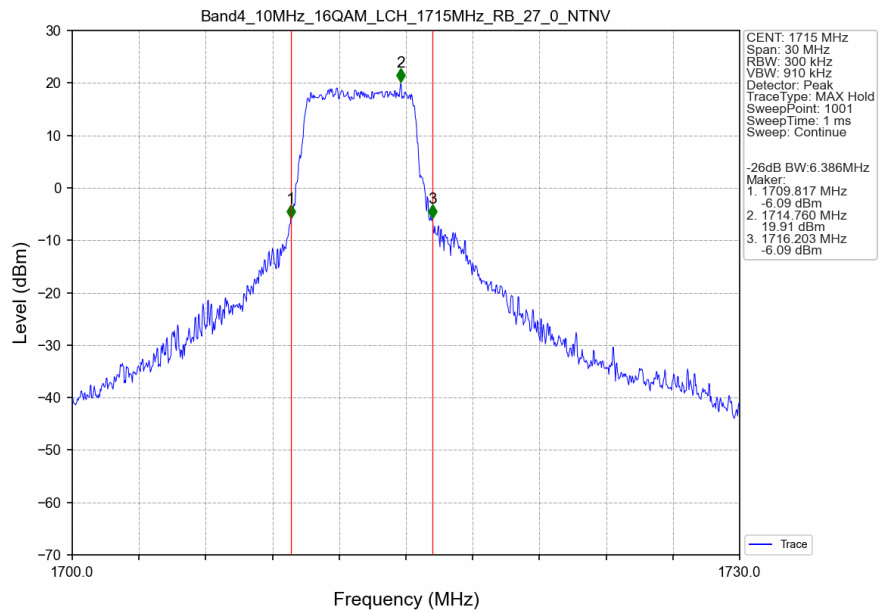
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



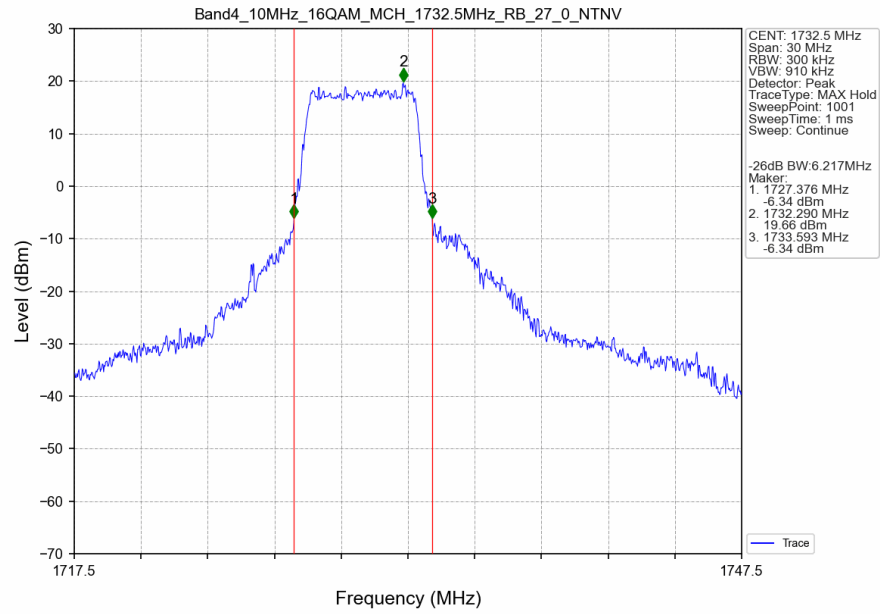
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTN



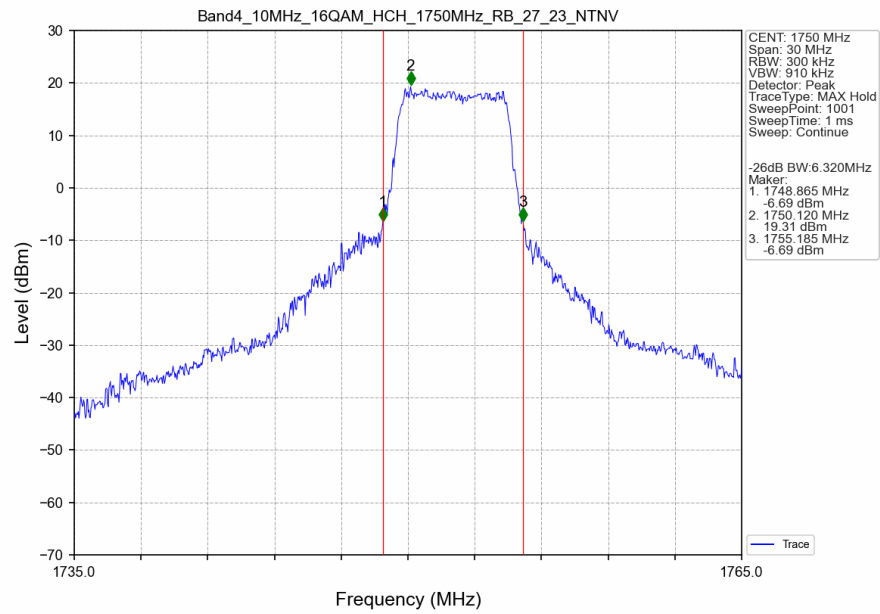
Band4 10MHz 16QAM LCH 1715MHz RB 27 0 NTN



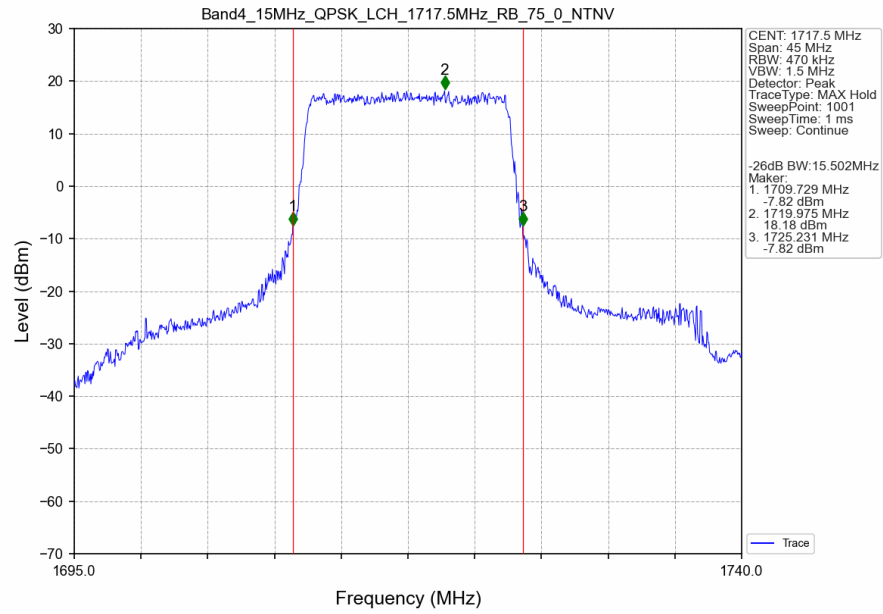
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



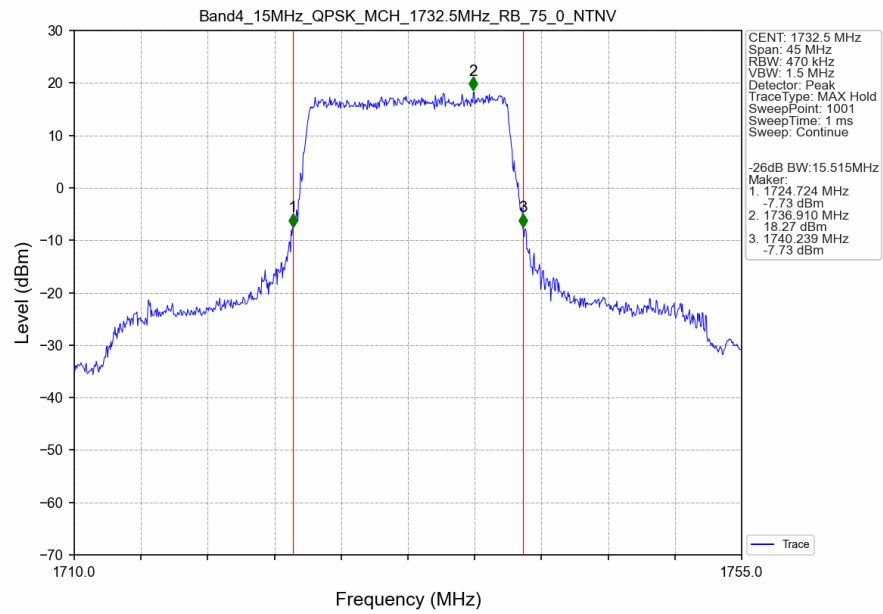
Band4_10MHz_16QAM_HCH_1750MHz_RB_27_23_NTNV



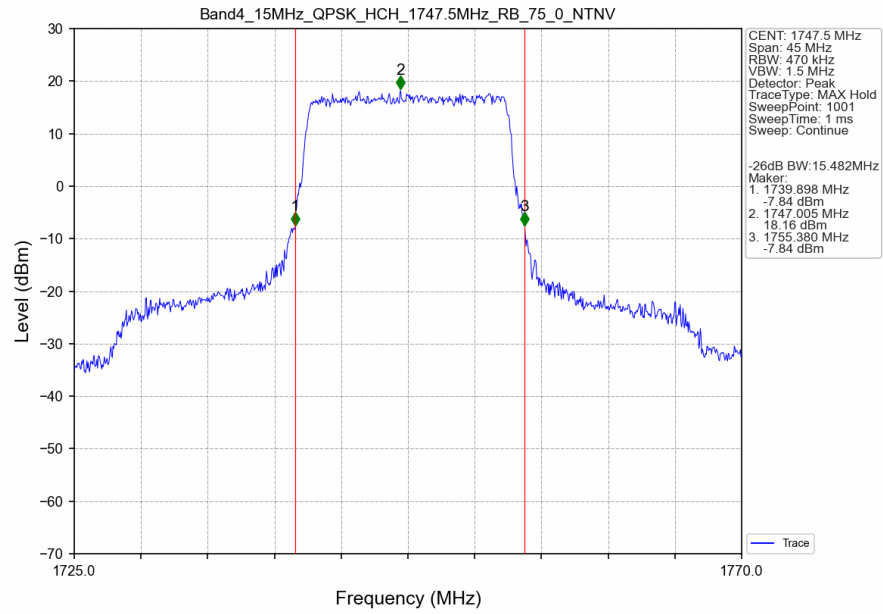
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



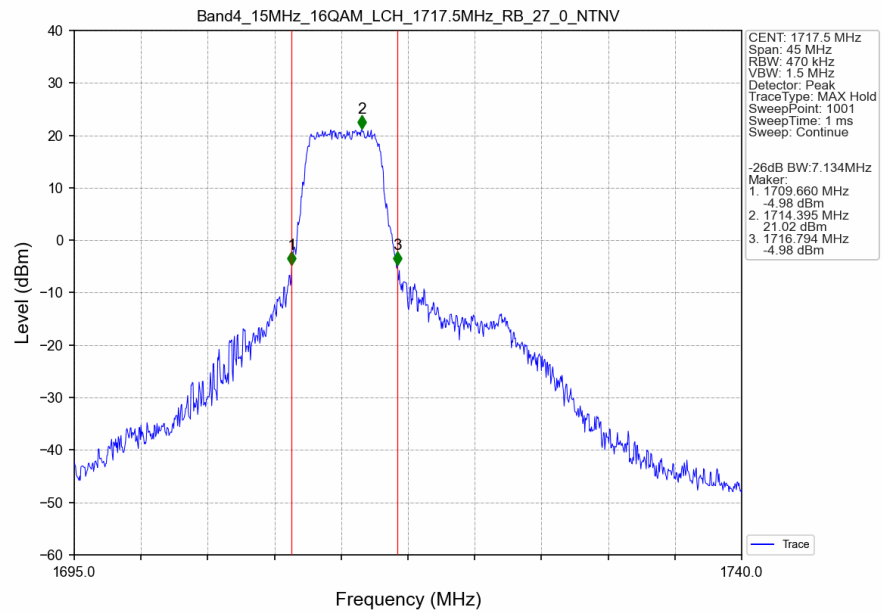
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



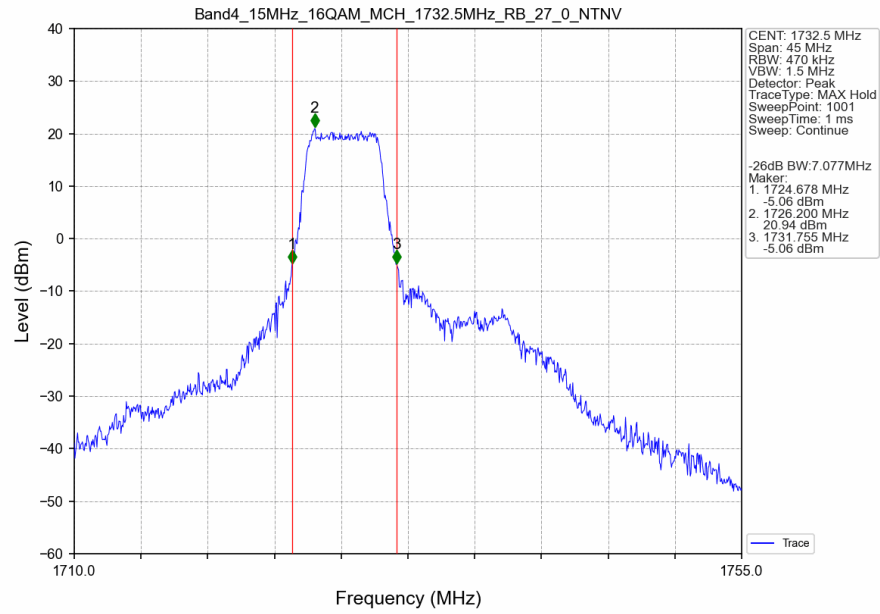
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



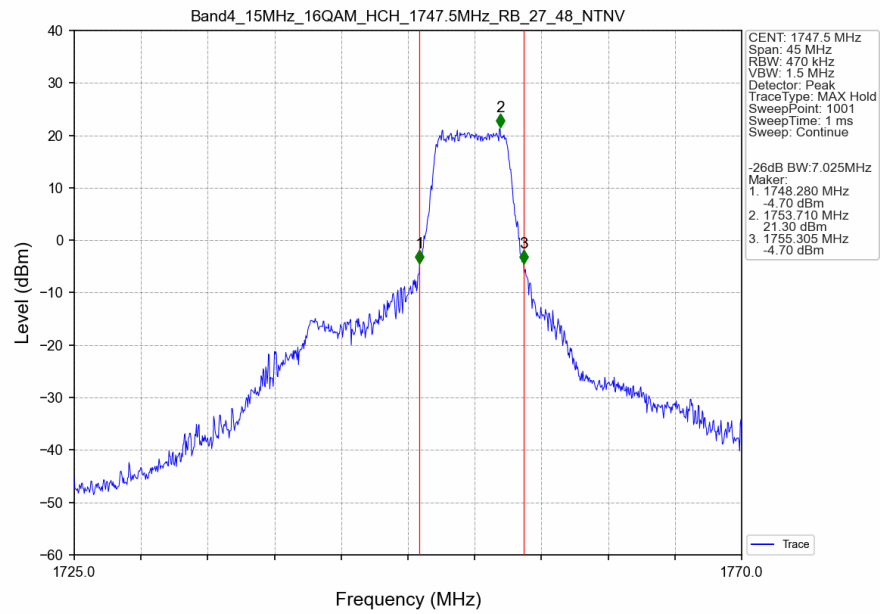
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV



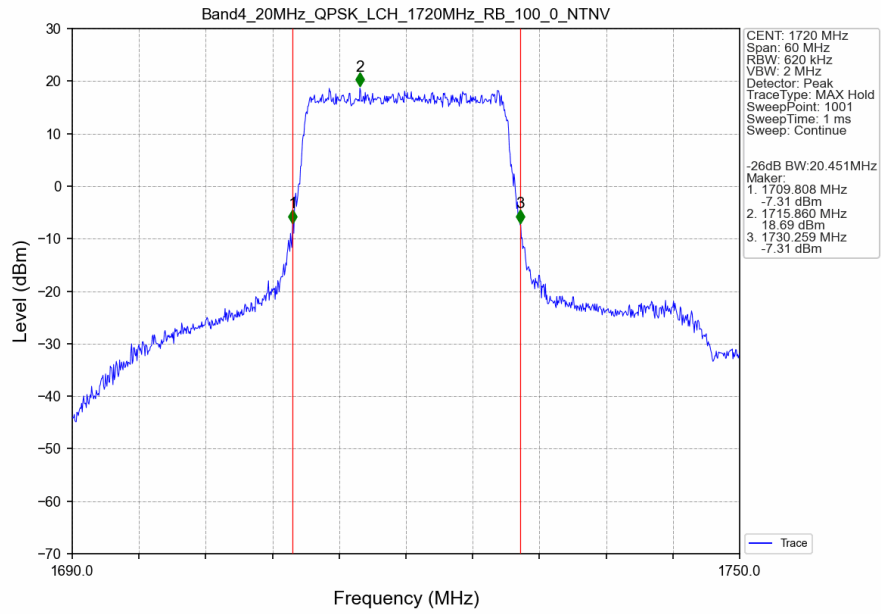
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



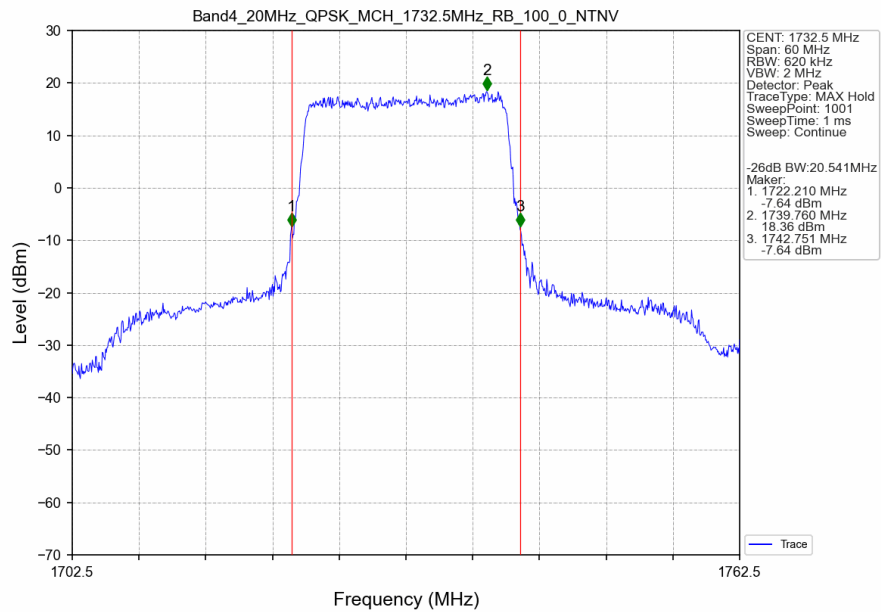
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_27_48_NTNV



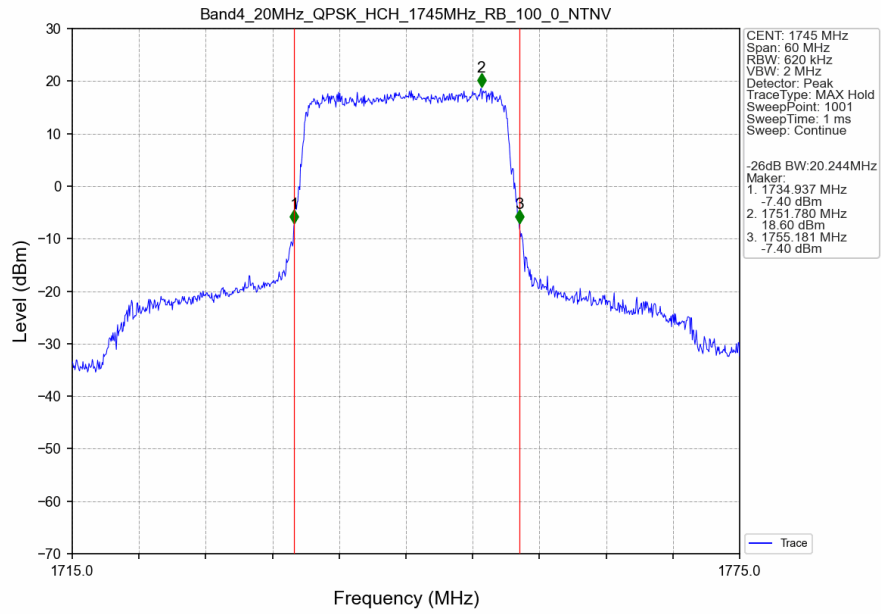
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



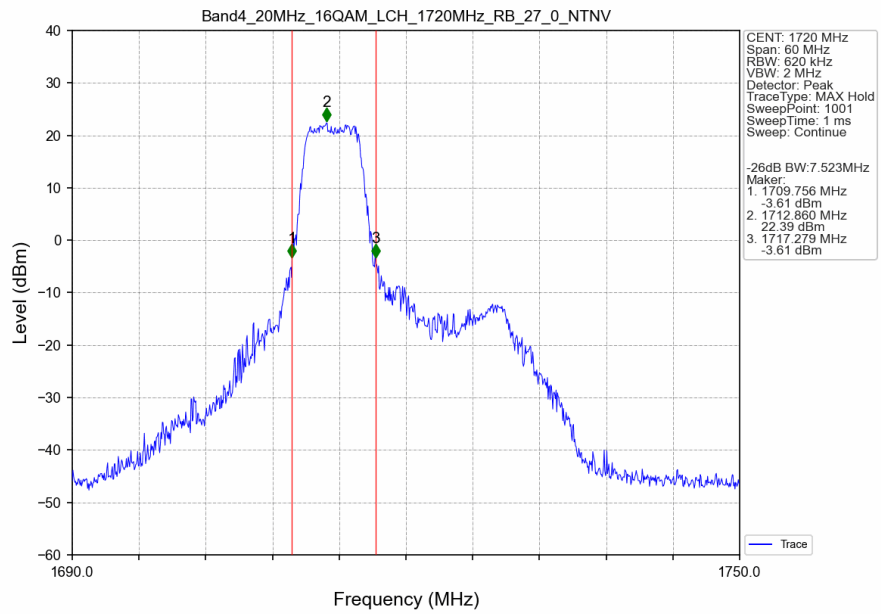
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



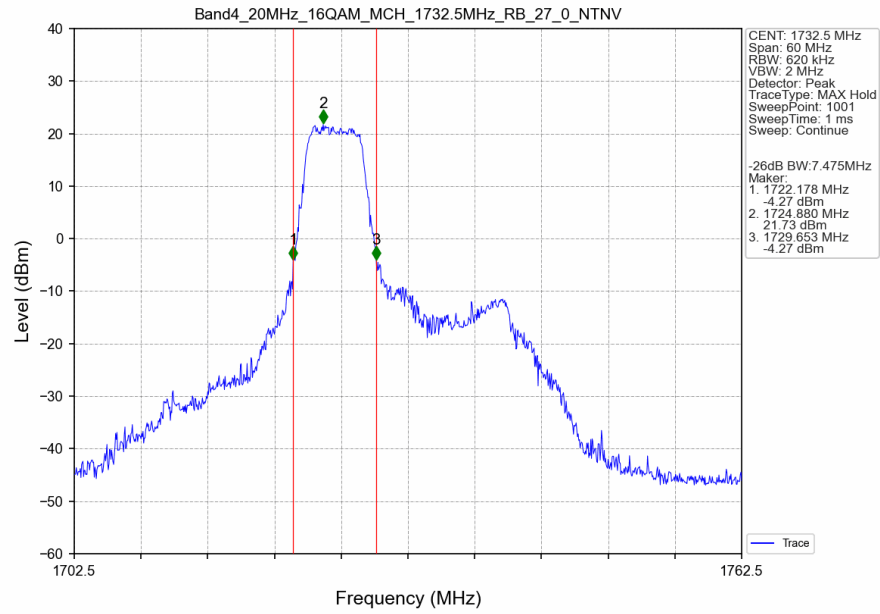
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



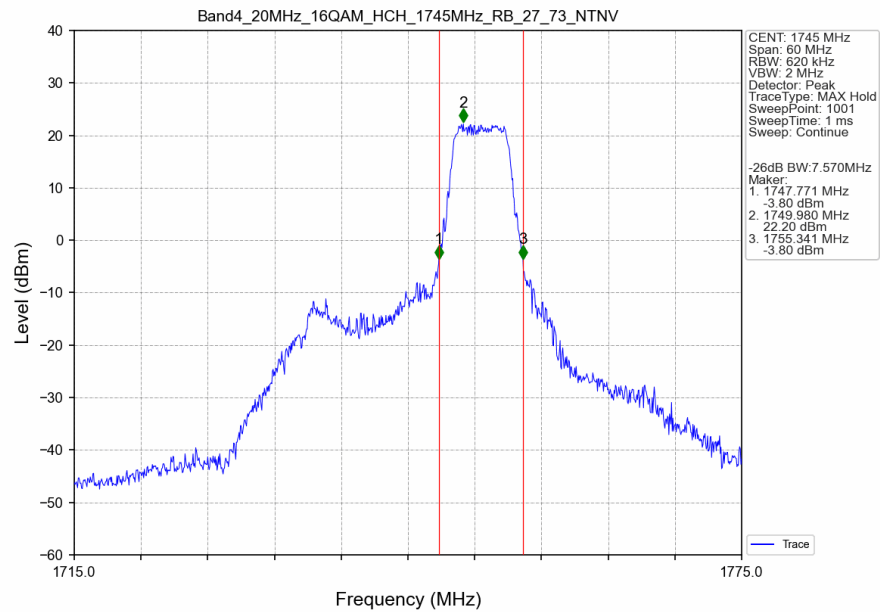
Band4_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_27_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_27_73_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.91	<=13	Pass
	1732.5	6	0	6.02	<=13	Pass
	1754.3	6	0	5.65	<=13	Pass
16QAM	1710.7	6	0	6.59	<=13	Pass
	1732.5	6	0	6.68	<=13	Pass
	1754.3	6	0	6.34	<=13	Pass

4.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.84	<=13	Pass
	1732.5	15	0	5.92	<=13	Pass
	1753.5	15	0	5.62	<=13	Pass
16QAM	1711.5	15	0	6.63	<=13	Pass
	1732.5	15	0	6.63	<=13	Pass
	1753.5	15	0	6.36	<=13	Pass

4.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.71	<=13	Pass
	1732.5	25	0	5.82	<=13	Pass
	1752.5	25	0	5.61	<=13	Pass
16QAM	1712.5	25	0	6.44	<=13	Pass
	1732.5	25	0	6.40	<=13	Pass
	1752.5	25	0	6.21	<=13	Pass

4.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.90	<=13	Pass
	1732.5	50	0	5.82	<=13	Pass
	1750	50	0	5.59	<=13	Pass

16QAM	1715	27	0	6.49	<=13	Pass
	1732.5	27	0	6.48	<=13	Pass
	1750	27	23	6.16	<=13	Pass

4.1.5 B4_15MHz

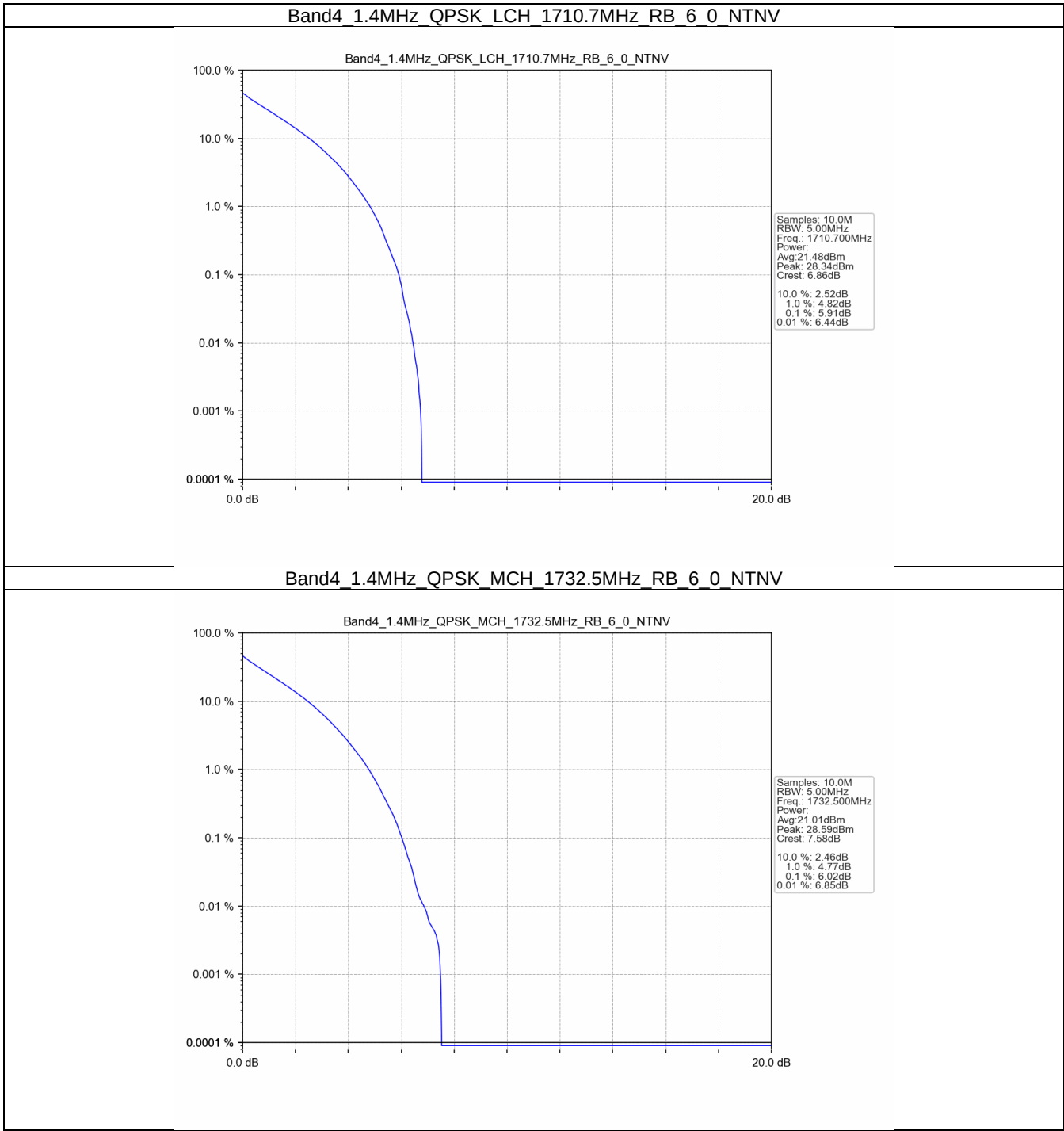
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.78	<=13	Pass
	1732.5	75	0	5.84	<=13	Pass
	1747.5	75	0	5.57	<=13	Pass
16QAM	1717.5	27	0	6.47	<=13	Pass
	1732.5	27	0	6.56	<=13	Pass
	1747.5	27	48	6.13	<=13	Pass

4.1.6 B4_20MHz

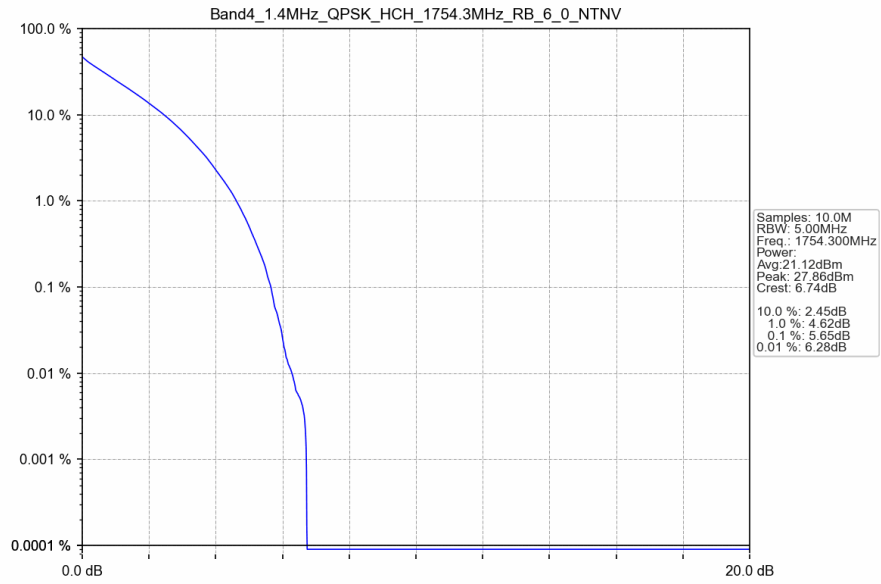
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.73	<=13	Pass
	1732.5	100	0	5.79	<=13	Pass
	1745	100	0	5.48	<=13	Pass
16QAM	1720	27	0	6.45	<=13	Pass
	1732.5	27	0	6.55	<=13	Pass
	1745	27	73	6.00	<=13	Pass

4.2 Test Graph

4.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

