

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	22.27	-2.60	19.67	<=30	Pass
			2	22.30	-2.60	19.70	<=30	Pass
			5	22.30	-2.60	19.70	<=30	Pass
		3	0	22.34	-2.60	19.74	<=30	Pass
			2	22.21	-2.60	19.61	<=30	Pass
			3	22.26	-2.60	19.66	<=30	Pass
		6	0	21.27	-2.60	18.67	<=30	Pass
	1732.5	1	0	22.24	-2.60	19.64	<=30	Pass
			2	22.23	-2.60	19.63	<=30	Pass
			5	22.23	-2.60	19.63	<=30	Pass
		3	0	22.19	-2.60	19.59	<=30	Pass
			2	22.24	-2.60	19.64	<=30	Pass
			3	22.18	-2.60	19.58	<=30	Pass
		6	0	21.23	-2.60	18.63	<=30	Pass
	1754.3	1	0	22.29	-2.60	19.69	<=30	Pass
			2	22.15	-2.60	19.55	<=30	Pass
			5	22.20	-2.60	19.60	<=30	Pass
		3	0	22.17	-2.60	19.57	<=30	Pass
			2	22.16	-2.60	19.56	<=30	Pass
			3	22.16	-2.60	19.56	<=30	Pass
		6	0	21.28	-2.60	18.68	<=30	Pass
16QAM	1710.7	1	0	21.62	-2.60	19.02	<=30	Pass
			2	21.57	-2.60	18.97	<=30	Pass
			5	21.62	-2.60	19.02	<=30	Pass
		3	0	21.38	-2.60	18.78	<=30	Pass
			2	21.31	-2.60	18.71	<=30	Pass
			3	21.32	-2.60	18.72	<=30	Pass
		6	0	20.50	-2.60	17.90	<=30	Pass
	1732.5	1	0	21.48	-2.60	18.88	<=30	Pass
			2	21.58	-2.60	18.98	<=30	Pass
			5	21.39	-2.60	18.79	<=30	Pass
		3	0	21.22	-2.60	18.62	<=30	Pass
			2	21.27	-2.60	18.67	<=30	Pass
			3	21.19	-2.60	18.59	<=30	Pass
		6	0	20.32	-2.60	17.72	<=30	Pass
	1754.3	1	0	21.43	-2.60	18.83	<=30	Pass
			2	21.42	-2.60	18.82	<=30	Pass
			5	21.34	-2.60	18.74	<=30	Pass
		3	0	21.18	-2.60	18.58	<=30	Pass
			2	21.07	-2.60	18.47	<=30	Pass
			3	21.12	-2.60	18.52	<=30	Pass
		6	0	20.30	-2.60	17.70	<=30	Pass
64QAM	1710.7	1	0	20.53	-2.60	17.93	<=30	Pass
			2	20.49	-2.60	17.89	<=30	Pass
			5	20.52	-2.60	17.92	<=30	Pass
		3	0	20.38	-2.60	17.78	<=30	Pass
			2	20.44	-2.60	17.84	<=30	Pass
			3	20.50	-2.60	17.90	<=30	Pass
		6	0	19.40	-2.60	16.80	<=30	Pass

	1732.5	1	0	20.40	-2.60	17.80	<=30	Pass
			2	20.36	-2.60	17.76	<=30	Pass
			5	20.53	-2.60	17.93	<=30	Pass
		3	0	20.25	-2.60	17.65	<=30	Pass
			2	20.27	-2.60	17.67	<=30	Pass
			3	20.26	-2.60	17.66	<=30	Pass
		6	0	19.15	-2.60	16.55	<=30	Pass
	1754.3	1	0	20.38	-2.60	17.78	<=30	Pass
			2	20.35	-2.60	17.75	<=30	Pass
			5	20.42	-2.60	17.82	<=30	Pass
		3	0	20.15	-2.60	17.55	<=30	Pass
			2	20.33	-2.60	17.73	<=30	Pass
			3	20.27	-2.60	17.67	<=30	Pass
		6	0	19.13	-2.60	16.53	<=30	Pass
256QAM	1710.7	1	0	17.44	-2.60	14.84	<=30	Pass
			2	17.50	-2.60	14.90	<=30	Pass
			5	17.45	-2.60	14.85	<=30	Pass
		3	0	17.51	-2.60	14.91	<=30	Pass
			2	17.40	-2.60	14.80	<=30	Pass
			3	17.44	-2.60	14.84	<=30	Pass
		6	0	17.24	-2.60	14.64	<=30	Pass
	1732.5	1	0	17.30	-2.60	14.70	<=30	Pass
			2	17.29	-2.60	14.69	<=30	Pass
			5	17.36	-2.60	14.76	<=30	Pass
		3	0	17.28	-2.60	14.68	<=30	Pass
			2	17.32	-2.60	14.72	<=30	Pass
			3	17.35	-2.60	14.75	<=30	Pass
		6	0	17.19	-2.60	14.59	<=30	Pass
	1754.3	1	0	17.28	-2.60	14.68	<=30	Pass
			2	17.14	-2.60	14.54	<=30	Pass
			5	17.23	-2.60	14.63	<=30	Pass
		3	0	17.20	-2.60	14.60	<=30	Pass
			2	17.22	-2.60	14.62	<=30	Pass
			3	17.32	-2.60	14.72	<=30	Pass
		6	0	17.19	-2.60	14.59	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	22.39	-2.60	19.79	<=30	Pass
			7	22.34	-2.60	19.74	<=30	Pass
			14	22.43	-2.60	19.83	<=30	Pass
		8	0	21.34	-2.60	18.74	<=30	Pass
			4	21.35	-2.60	18.75	<=30	Pass
			7	21.29	-2.60	18.69	<=30	Pass
		15	0	21.30	-2.60	18.70	<=30	Pass
	1732.5	1	0	22.13	-2.60	19.53	<=30	Pass
			7	22.31	-2.60	19.71	<=30	Pass
			14	22.16	-2.60	19.56	<=30	Pass
		8	0	21.22	-2.60	18.62	<=30	Pass
			4	21.22	-2.60	18.62	<=30	Pass
			7	21.22	-2.60	18.62	<=30	Pass
	1753.5	15	0	21.24	-2.60	18.64	<=30	Pass
	1753.5	1	0	22.28	-2.60	19.68	<=30	Pass

		8	7	22.16	-2.60	19.56	<=30	Pass
			14	22.17	-2.60	19.57	<=30	Pass
			0	21.16	-2.60	18.56	<=30	Pass
			4	21.14	-2.60	18.54	<=30	Pass
			7	21.19	-2.60	18.59	<=30	Pass
16QAM	1711.5	1	0	21.22	-2.60	18.62	<=30	Pass
			0	21.70	-2.60	19.10	<=30	Pass
			7	21.46	-2.60	18.86	<=30	Pass
		8	14	21.64	-2.60	19.04	<=30	Pass
			0	20.46	-2.60	17.86	<=30	Pass
			4	20.48	-2.60	17.88	<=30	Pass
			7	20.43	-2.60	17.83	<=30	Pass
		15	0	20.36	-2.60	17.76	<=30	Pass
			0	21.46	-2.60	18.86	<=30	Pass
	1732.5	1	7	21.32	-2.60	18.72	<=30	Pass
			14	21.53	-2.60	18.93	<=30	Pass
			0	20.30	-2.60	17.70	<=30	Pass
		8	4	20.26	-2.60	17.66	<=30	Pass
			7	20.29	-2.60	17.69	<=30	Pass
			0	20.21	-2.60	17.61	<=30	Pass
		15	0	21.37	-2.60	18.77	<=30	Pass
			7	21.51	-2.60	18.91	<=30	Pass
			14	21.34	-2.60	18.74	<=30	Pass
64QAM	1711.5	1	0	20.21	-2.60	17.61	<=30	Pass
			4	20.21	-2.60	17.61	<=30	Pass
			7	20.23	-2.60	17.63	<=30	Pass
		8	0	20.20	-2.60	17.60	<=30	Pass
			0	20.55	-2.60	17.95	<=30	Pass
			7	20.52	-2.60	17.92	<=30	Pass
		14	14	20.56	-2.60	17.96	<=30	Pass
			0	19.44	-2.60	16.84	<=30	Pass
			4	19.41	-2.60	16.81	<=30	Pass
256QAM	1711.5	1	7	19.38	-2.60	16.78	<=30	Pass
			0	19.36	-2.60	16.76	<=30	Pass
			0	20.49	-2.60	17.89	<=30	Pass
		8	7	20.36	-2.60	17.76	<=30	Pass
			14	20.26	-2.60	17.66	<=30	Pass
			0	19.25	-2.60	16.65	<=30	Pass
		15	4	19.27	-2.60	16.67	<=30	Pass
			7	19.26	-2.60	16.66	<=30	Pass
			0	19.25	-2.60	16.65	<=30	Pass
256QAM	1711.5	1	0	20.29	-2.60	17.69	<=30	Pass
			7	19.77	-2.60	17.17	<=30	Pass
			14	20.27	-2.60	17.67	<=30	Pass
		8	0	19.34	-2.60	16.74	<=30	Pass
			4	19.29	-2.60	16.69	<=30	Pass
			7	19.26	-2.60	16.66	<=30	Pass
		15	0	19.22	-2.60	16.62	<=30	Pass
			0	17.38	-2.60	14.78	<=30	Pass
			7	17.39	-2.60	14.79	<=30	Pass
256QAM	1711.5	1	14	17.36	-2.60	14.76	<=30	Pass
			0	17.35	-2.60	14.75	<=30	Pass
			4	17.36	-2.60	14.76	<=30	Pass
		8	7	17.31	-2.60	14.71	<=30	Pass
			0	17.32	-2.60	14.72	<=30	Pass
			0	17.30	-2.60	14.70	<=30	Pass
		15	7	17.33	-2.60	14.73	<=30	Pass
			14	17.34	-2.60	14.74	<=30	Pass
			0	17.19	-2.60	14.59	<=30	Pass

			4	17.20	-2.60	14.60	<=30	Pass
			7	17.23	-2.60	14.63	<=30	Pass
		15	0	17.16	-2.60	14.56	<=30	Pass
	1753.5	1	0	17.27	-2.60	14.67	<=30	Pass
			7	17.19	-2.60	14.59	<=30	Pass
			14	17.23	-2.60	14.63	<=30	Pass
		8	0	17.08	-2.60	14.48	<=30	Pass
			4	17.13	-2.60	14.53	<=30	Pass
			7	17.18	-2.60	14.58	<=30	Pass
		15	0	17.14	-2.60	14.54	<=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	22.40	-2.60	19.80	<=30	Pass
			13	22.31	-2.60	19.71	<=30	Pass
			24	22.37	-2.60	19.77	<=30	Pass
		12	0	21.46	-2.60	18.86	<=30	Pass
			6	21.41	-2.60	18.81	<=30	Pass
			13	21.43	-2.60	18.83	<=30	Pass
		25	0	21.52	-2.60	18.92	<=30	Pass
	1732.5	1	0	22.26	-2.60	19.66	<=30	Pass
			13	22.22	-2.60	19.62	<=30	Pass
			24	22.25	-2.60	19.65	<=30	Pass
		12	0	21.30	-2.60	18.70	<=30	Pass
			6	21.25	-2.60	18.65	<=30	Pass
			13	21.27	-2.60	18.67	<=30	Pass
		25	0	21.31	-2.60	18.71	<=30	Pass
	1752.5	1	0	22.25	-2.60	19.65	<=30	Pass
			13	22.13	-2.60	19.53	<=30	Pass
			24	22.18	-2.60	19.58	<=30	Pass
		12	0	21.15	-2.60	18.55	<=30	Pass
			6	21.19	-2.60	18.59	<=30	Pass
			13	21.19	-2.60	18.59	<=30	Pass
		25	0	21.23	-2.60	18.63	<=30	Pass
16QAM	1712.5	1	0	21.55	-2.60	18.95	<=30	Pass
			13	21.66	-2.60	19.06	<=30	Pass
			24	21.59	-2.60	18.99	<=30	Pass
		12	0	20.43	-2.60	17.83	<=30	Pass
			6	20.40	-2.60	17.80	<=30	Pass
			13	20.45	-2.60	17.85	<=30	Pass
		25	0	20.38	-2.60	17.78	<=30	Pass
	1732.5	1	0	21.50	-2.60	18.90	<=30	Pass
			13	21.62	-2.60	19.02	<=30	Pass
			24	21.55	-2.60	18.95	<=30	Pass
		12	0	20.22	-2.60	17.62	<=30	Pass
			6	20.21	-2.60	17.61	<=30	Pass
			13	20.24	-2.60	17.64	<=30	Pass
		25	0	20.31	-2.60	17.71	<=30	Pass
	1752.5	1	0	21.46	-2.60	18.86	<=30	Pass
			13	21.43	-2.60	18.83	<=30	Pass
			24	21.51	-2.60	18.91	<=30	Pass
		12	0	20.30	-2.60	17.70	<=30	Pass
			6	20.18	-2.60	17.58	<=30	Pass

			13	20.16	-2.60	17.56	<=30	Pass		
		25	0	20.21	-2.60	17.61	<=30	Pass		
64QAM	1712.5	1	0	20.57	-2.60	17.97	<=30	Pass		
			13	20.24	-2.60	17.64	<=30	Pass		
			24	20.47	-2.60	17.87	<=30	Pass		
			0	19.55	-2.60	16.95	<=30	Pass		
		12	6	19.45	-2.60	16.85	<=30	Pass		
			13	19.37	-2.60	16.77	<=30	Pass		
			0	19.44	-2.60	16.84	<=30	Pass		
		1732.5	1	0	20.14	-2.60	17.54	<=30	Pass	
				13	20.44	-2.60	17.84	<=30	Pass	
				24	20.42	-2.60	17.82	<=30	Pass	
	0			19.31	-2.60	16.71	<=30	Pass		
	12		6	19.28	-2.60	16.68	<=30	Pass		
			13	19.27	-2.60	16.67	<=30	Pass		
	25		0	19.28	-2.60	16.68	<=30	Pass		
	1752.5	1	0	20.43	-2.60	17.83	<=30	Pass		
			13	20.18	-2.60	17.58	<=30	Pass		
			24	19.77	-2.60	17.17	<=30	Pass		
			0	19.31	-2.60	16.71	<=30	Pass		
		12	6	19.20	-2.60	16.60	<=30	Pass		
			13	19.23	-2.60	16.63	<=30	Pass		
			0	19.23	-2.60	16.63	<=30	Pass		
		256QAM	1712.5	1	0	17.51	-2.60	14.91	<=30	Pass
					13	17.42	-2.60	14.82	<=30	Pass
24					17.50	-2.60	14.90	<=30	Pass	
12	0			17.39	-2.60	14.79	<=30	Pass		
	6			17.41	-2.60	14.81	<=30	Pass		
	13			17.41	-2.60	14.81	<=30	Pass		
25	0			17.40	-2.60	14.80	<=30	Pass		
1732.5	1		0	17.25	-2.60	14.65	<=30	Pass		
			13	17.41	-2.60	14.81	<=30	Pass		
			24	17.29	-2.60	14.69	<=30	Pass		
	12	0	17.28	-2.60	14.68	<=30	Pass			
		6	17.18	-2.60	14.58	<=30	Pass			
		13	17.20	-2.60	14.60	<=30	Pass			
1752.5	1	0	17.25	-2.60	14.65	<=30	Pass			
		0	17.26	-2.60	14.66	<=30	Pass			
		13	17.33	-2.60	14.73	<=30	Pass			
	12	24	17.03	-2.60	14.43	<=30	Pass			
		0	17.19	-2.60	14.59	<=30	Pass			
		6	17.22	-2.60	14.62	<=30	Pass			
	13	17.25	-2.60	14.65	<=30	Pass				
25	0	17.22	-2.60	14.62	<=30	Pass				
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.42	-2.60	19.82	<=30	Pass
			25	22.35	-2.60	19.75	<=30	Pass
			49	22.40	-2.60	19.80	<=30	Pass
		25	0	21.51	-2.60	18.91	<=30	Pass
			13	21.35	-2.60	18.75	<=30	Pass
			25	21.48	-2.60	18.88	<=30	Pass

		50	0	21.49	-2.60	18.89	<=30	Pass
		1	0	22.34	-2.60	19.74	<=30	Pass
			25	22.33	-2.60	19.73	<=30	Pass
			49	22.24	-2.60	19.64	<=30	Pass
		25	0	21.33	-2.60	18.73	<=30	Pass
			13	21.33	-2.60	18.73	<=30	Pass
			25	21.26	-2.60	18.66	<=30	Pass
		50	0	21.27	-2.60	18.67	<=30	Pass
		1	0	22.14	-2.60	19.54	<=30	Pass
			25	22.17	-2.60	19.57	<=30	Pass
			49	22.23	-2.60	19.63	<=30	Pass
		25	0	21.17	-2.60	18.57	<=30	Pass
			13	21.23	-2.60	18.63	<=30	Pass
			25	21.29	-2.60	18.69	<=30	Pass
		50	0	21.24	-2.60	18.64	<=30	Pass
16QAM	1715	1	0	21.54	-2.60	18.94	<=30	Pass
			25	21.51	-2.60	18.91	<=30	Pass
			49	21.71	-2.60	19.11	<=30	Pass
		25	0	20.51	-2.60	17.91	<=30	Pass
			13	20.36	-2.60	17.76	<=30	Pass
			25	20.42	-2.60	17.82	<=30	Pass
		50	0	20.49	-2.60	17.89	<=30	Pass
	1732.5	1	0	21.66	-2.60	19.06	<=30	Pass
			25	21.34	-2.60	18.74	<=30	Pass
			49	21.52	-2.60	18.92	<=30	Pass
		25	0	20.35	-2.60	17.75	<=30	Pass
			13	20.16	-2.60	17.56	<=30	Pass
			25	20.11	-2.60	17.51	<=30	Pass
		50	0	20.25	-2.60	17.65	<=30	Pass
	1750	1	0	21.32	-2.60	18.72	<=30	Pass
			25	21.45	-2.60	18.85	<=30	Pass
			49	21.59	-2.60	18.99	<=30	Pass
		25	0	20.17	-2.60	17.57	<=30	Pass
			13	20.24	-2.60	17.64	<=30	Pass
			25	20.28	-2.60	17.68	<=30	Pass
		50	0	20.25	-2.60	17.65	<=30	Pass
64QAM	1715	1	0	20.48	-2.60	17.88	<=30	Pass
			25	20.65	-2.60	18.05	<=30	Pass
			49	20.63	-2.60	18.03	<=30	Pass
		25	0	19.47	-2.60	16.87	<=30	Pass
			13	19.38	-2.60	16.78	<=30	Pass
			25	19.44	-2.60	16.84	<=30	Pass
		50	0	19.53	-2.60	16.93	<=30	Pass
	1732.5	1	0	20.36	-2.60	17.76	<=30	Pass
			25	20.36	-2.60	17.76	<=30	Pass
			49	20.22	-2.60	17.62	<=30	Pass
		25	0	19.20	-2.60	16.60	<=30	Pass
			13	19.24	-2.60	16.64	<=30	Pass
			25	19.25	-2.60	16.65	<=30	Pass
		50	0	19.28	-2.60	16.68	<=30	Pass
	1750	1	0	20.28	-2.60	17.68	<=30	Pass
			25	20.35	-2.60	17.75	<=30	Pass
			49	20.40	-2.60	17.80	<=30	Pass
		25	0	19.17	-2.60	16.57	<=30	Pass
			13	19.24	-2.60	16.64	<=30	Pass
			25	19.27	-2.60	16.67	<=30	Pass
		50	0	19.22	-2.60	16.62	<=30	Pass
256QAM	1715	1	0	17.35	-2.60	14.75	<=30	Pass
			25	17.39	-2.60	14.79	<=30	Pass

			49	17.61	-2.60	15.01	<=30	Pass
		25	0	17.43	-2.60	14.83	<=30	Pass
			13	17.44	-2.60	14.84	<=30	Pass
			25	17.49	-2.60	14.89	<=30	Pass
		50	0	17.51	-2.60	14.91	<=30	Pass
	1732.5	1	0	17.54	-2.60	14.94	<=30	Pass
			25	17.40	-2.60	14.80	<=30	Pass
			49	17.37	-2.60	14.77	<=30	Pass
		25	0	17.33	-2.60	14.73	<=30	Pass
			13	17.29	-2.60	14.69	<=30	Pass
			25	17.23	-2.60	14.63	<=30	Pass
		50	0	17.24	-2.60	14.64	<=30	Pass
	1750	1	0	17.34	-2.60	14.74	<=30	Pass
			25	17.32	-2.60	14.72	<=30	Pass
			49	17.47	-2.60	14.87	<=30	Pass
		25	0	17.19	-2.60	14.59	<=30	Pass
			13	17.20	-2.60	14.60	<=30	Pass
			25	17.26	-2.60	14.66	<=30	Pass
		50	0	17.24	-2.60	14.64	<=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	22.43	-2.60	19.83	<=30	Pass
			38	22.35	-2.60	19.75	<=30	Pass
			74	22.40	-2.60	19.80	<=30	Pass
		36	0	21.40	-2.60	18.80	<=30	Pass
			18	21.21	-2.60	18.61	<=30	Pass
			39	21.45	-2.60	18.85	<=30	Pass
		75	0	21.46	-2.60	18.86	<=30	Pass
	1732.5	1	0	22.40	-2.60	19.80	<=30	Pass
			38	22.28	-2.60	19.68	<=30	Pass
			74	22.17	-2.60	19.57	<=30	Pass
		36	0	21.32	-2.60	18.72	<=30	Pass
			18	21.25	-2.60	18.65	<=30	Pass
			39	21.20	-2.60	18.60	<=30	Pass
		75	0	21.25	-2.60	18.65	<=30	Pass
	1747.5	1	0	22.14	-2.60	19.54	<=30	Pass
			38	22.14	-2.60	19.54	<=30	Pass
			74	22.26	-2.60	19.66	<=30	Pass
		36	0	21.12	-2.60	18.52	<=30	Pass
			18	21.13	-2.60	18.53	<=30	Pass
			39	21.25	-2.60	18.65	<=30	Pass
		75	0	21.22	-2.60	18.62	<=30	Pass
16QAM	1717.5	1	0	21.46	-2.60	18.86	<=30	Pass
			38	21.46	-2.60	18.86	<=30	Pass
			74	21.65	-2.60	19.05	<=30	Pass
		36	0	20.45	-2.60	17.85	<=30	Pass
			18	20.45	-2.60	17.85	<=30	Pass
			39	20.51	-2.60	17.91	<=30	Pass
		75	0	20.46	-2.60	17.86	<=30	Pass
	1732.5	1	0	21.43	-2.60	18.83	<=30	Pass
			38	21.31	-2.60	18.71	<=30	Pass
			74	21.37	-2.60	18.77	<=30	Pass

		36	0	20.31	-2.60	17.71	<=30	Pass		
			18	20.24	-2.60	17.64	<=30	Pass		
			39	20.20	-2.60	17.60	<=30	Pass		
		1747.5	75	0	20.29	-2.60	17.69	<=30	Pass	
				1	0	21.32	-2.60	18.72	<=30	Pass
					38	21.44	-2.60	18.84	<=30	Pass
			74		21.50	-2.60	18.90	<=30	Pass	
			36	0	20.12	-2.60	17.52	<=30	Pass	
				18	20.14	-2.60	17.54	<=30	Pass	
	39	20.25		-2.60	17.65	<=30	Pass			
	75	0	20.19	-2.60	17.59	<=30	Pass			
	64QAM	1717.5	1	0	20.49	-2.60	17.89	<=30	Pass	
38				20.49	-2.60	17.89	<=30	Pass		
74				20.36	-2.60	17.76	<=30	Pass		
36			0	19.46	-2.60	16.86	<=30	Pass		
			18	19.48	-2.60	16.88	<=30	Pass		
			39	19.53	-2.60	16.93	<=30	Pass		
75			0	19.50	-2.60	16.90	<=30	Pass		
1732.5			1	0	20.46	-2.60	17.86	<=30	Pass	
				38	20.18	-2.60	17.58	<=30	Pass	
		74		20.35	-2.60	17.75	<=30	Pass		
		36	0	19.33	-2.60	16.73	<=30	Pass		
			18	19.27	-2.60	16.67	<=30	Pass		
			39	19.21	-2.60	16.61	<=30	Pass		
		75	0	19.20	-2.60	16.60	<=30	Pass		
		1747.5	1	0	19.84	-2.60	17.24	<=30	Pass	
				38	20.22	-2.60	17.62	<=30	Pass	
74				20.39	-2.60	17.79	<=30	Pass		
36			0	19.13	-2.60	16.53	<=30	Pass		
			18	19.17	-2.60	16.57	<=30	Pass		
			39	19.28	-2.60	16.68	<=30	Pass		
75			0	19.21	-2.60	16.61	<=30	Pass		
256QAM			1717.5	1	0	17.43	-2.60	14.83	<=30	Pass
					38	17.54	-2.60	14.94	<=30	Pass
		74			17.49	-2.60	14.89	<=30	Pass	
	36	0		17.41	-2.60	14.81	<=30	Pass		
		18		17.42	-2.60	14.82	<=30	Pass		
		39		17.50	-2.60	14.90	<=30	Pass		
	75	0		17.47	-2.60	14.87	<=30	Pass		
	1732.5	1		0	17.48	-2.60	14.88	<=30	Pass	
				38	17.24	-2.60	14.64	<=30	Pass	
			74	17.25	-2.60	14.65	<=30	Pass		
		36	0	17.32	-2.60	14.72	<=30	Pass		
			18	17.21	-2.60	14.61	<=30	Pass		
			39	17.20	-2.60	14.60	<=30	Pass		
	75	0	17.27	-2.60	14.67	<=30	Pass			
	1747.5	1	0	17.27	-2.60	14.67	<=30	Pass		
			38	17.11	-2.60	14.51	<=30	Pass		
			74	17.28	-2.60	14.68	<=30	Pass		
		36	0	17.14	-2.60	14.54	<=30	Pass		
18			17.14	-2.60	14.54	<=30	Pass			
39			17.25	-2.60	14.65	<=30	Pass			
75		0	17.21	-2.60	14.61	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.39	-2.60	19.79	<=30	Pass
			50	22.46	-2.60	19.86	<=30	Pass
			99	22.29	-2.60	19.69	<=30	Pass
		50	0	21.48	-2.60	18.88	<=30	Pass
			25	21.49	-2.60	18.89	<=30	Pass
			50	21.50	-2.60	18.90	<=30	Pass
		100	0	21.42	-2.60	18.82	<=30	Pass
	1732.5	1	0	22.37	-2.60	19.77	<=30	Pass
			50	22.28	-2.60	19.68	<=30	Pass
			99	22.17	-2.60	19.57	<=30	Pass
		50	0	21.28	-2.60	18.68	<=30	Pass
			25	21.17	-2.60	18.57	<=30	Pass
			50	21.16	-2.60	18.56	<=30	Pass
		100	0	21.27	-2.60	18.67	<=30	Pass
	1745	1	0	21.90	-2.60	19.30	<=30	Pass
			50	22.01	-2.60	19.41	<=30	Pass
			99	22.20	-2.60	19.60	<=30	Pass
		50	0	21.20	-2.60	18.60	<=30	Pass
			25	21.13	-2.60	18.53	<=30	Pass
			50	21.32	-2.60	18.72	<=30	Pass
		100	0	21.28	-2.60	18.68	<=30	Pass
16QAM	1720	1	0	21.64	-2.60	19.04	<=30	Pass
			50	21.65	-2.60	19.05	<=30	Pass
			99	21.51	-2.60	18.91	<=30	Pass
		50	0	20.47	-2.60	17.87	<=30	Pass
			25	20.48	-2.60	17.88	<=30	Pass
			50	20.44	-2.60	17.84	<=30	Pass
		100	0	20.30	-2.60	17.70	<=30	Pass
	1732.5	1	0	21.54	-2.60	18.94	<=30	Pass
			50	21.49	-2.60	18.89	<=30	Pass
			99	21.35	-2.60	18.75	<=30	Pass
		50	0	20.27	-2.60	17.67	<=30	Pass
			25	20.19	-2.60	17.59	<=30	Pass
			50	20.23	-2.60	17.63	<=30	Pass
		100	0	20.26	-2.60	17.66	<=30	Pass
	1745	1	0	21.48	-2.60	18.88	<=30	Pass
			50	21.14	-2.60	18.54	<=30	Pass
			99	21.49	-2.60	18.89	<=30	Pass
		50	0	20.14	-2.60	17.54	<=30	Pass
			25	20.02	-2.60	17.42	<=30	Pass
			50	20.23	-2.60	17.63	<=30	Pass
		100	0	20.22	-2.60	17.62	<=30	Pass
64QAM	1720	1	0	20.62	-2.60	18.02	<=30	Pass
			50	20.56	-2.60	17.96	<=30	Pass
			99	20.05	-2.60	17.45	<=30	Pass
		50	0	19.48	-2.60	16.88	<=30	Pass
			25	19.48	-2.60	16.88	<=30	Pass
			50	19.51	-2.60	16.91	<=30	Pass
		100	0	19.47	-2.60	16.87	<=30	Pass
	1732.5	1	0	20.49	-2.60	17.89	<=30	Pass
			50	20.38	-2.60	17.78	<=30	Pass
			99	20.38	-2.60	17.78	<=30	Pass
		50	0	19.31	-2.60	16.71	<=30	Pass
			25	19.28	-2.60	16.68	<=30	Pass

			50	19.21	-2.60	16.61	<=30	Pass	
		100	0	19.27	-2.60	16.67	<=30	Pass	
		1745	1	0	19.96	-2.60	17.36	<=30	Pass
	50			20.08	-2.60	17.48	<=30	Pass	
	99			20.27	-2.60	17.67	<=30	Pass	
	50		0	19.14	-2.60	16.54	<=30	Pass	
			25	19.19	-2.60	16.59	<=30	Pass	
			50	19.28	-2.60	16.68	<=30	Pass	
	100	0	19.21	-2.60	16.61	<=30	Pass		
256QAM	1720	1	0	17.60	-2.60	15.00	<=30	Pass	
			50	17.53	-2.60	14.93	<=30	Pass	
			99	17.44	-2.60	14.84	<=30	Pass	
		50	0	17.44	-2.60	14.84	<=30	Pass	
			25	17.47	-2.60	14.87	<=30	Pass	
			50	17.45	-2.60	14.85	<=30	Pass	
			100	0	17.45	-2.60	14.85	<=30	Pass
			1732.5	1	0	17.52	-2.60	14.92	<=30
		50			17.32	-2.60	14.72	<=30	Pass
	99	17.21			-2.60	14.61	<=30	Pass	
	50	0		17.17	-2.60	14.57	<=30	Pass	
		25		17.24	-2.60	14.64	<=30	Pass	
		50		17.20	-2.60	14.60	<=30	Pass	
	100	0	17.27	-2.60	14.67	<=30	Pass		
	1745	1	0	17.39	-2.60	14.79	<=30	Pass	
			50	17.25	-2.60	14.65	<=30	Pass	
			99	17.35	-2.60	14.75	<=30	Pass	
		50	0	17.05	-2.60	14.45	<=30	Pass	
			25	17.19	-2.60	14.59	<=30	Pass	
			50	17.27	-2.60	14.67	<=30	Pass	
		100	0	17.23	-2.60	14.63	<=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	3.60	-3.900	-0.0023	-2.5 to 2.5	Pass
					3.91	-12.100	-0.0071	-2.5 to 2.5	Pass
					4.50	-0.500	-0.0003	-2.5 to 2.5	Pass
				-30	3.91	6.100	0.0036	-2.5 to 2.5	Pass
				-20	3.91	-3.000	-0.0018	-2.5 to 2.5	Pass
				-10	3.91	-6.000	-0.0035	-2.5 to 2.5	Pass
				0	3.91	2.200	0.0013	-2.5 to 2.5	Pass
				10	3.91	-13.700	-0.0080	-2.5 to 2.5	Pass
				30	3.91	4.600	0.0027	-2.5 to 2.5	Pass
				40	3.91	8.200	0.0048	-2.5 to 2.5	Pass
				50	3.91	7.500	0.0044	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.60	3.800	0.0022	-2.5 to 2.5	Pass
					3.91	-13.700	-0.0079	-2.5 to 2.5	Pass
					4.50	2.000	0.0012	-2.5 to 2.5	Pass
				-30	3.91	3.900	0.0023	-2.5 to 2.5	Pass

				-20	3.91	-9.600	-0.0055	-2.5 to 2.5	Pass
				-10	3.91	9.500	0.0055	-2.5 to 2.5	Pass
				0	3.91	-2.500	-0.0014	-2.5 to 2.5	Pass
				10	3.91	-6.500	-0.0038	-2.5 to 2.5	Pass
				30	3.91	6.100	0.0035	-2.5 to 2.5	Pass
				40	3.91	12.700	0.0073	-2.5 to 2.5	Pass
				50	3.91	6.800	0.0039	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.60	-14.300	-0.0082	-2.5 to 2.5	Pass
					3.91	2.600	0.0015	-2.5 to 2.5	Pass
					4.50	-11.600	-0.0066	-2.5 to 2.5	Pass
				-30	3.91	7.800	0.0044	-2.5 to 2.5	Pass
				-20	3.91	7.700	0.0044	-2.5 to 2.5	Pass
				-10	3.91	9.700	0.0055	-2.5 to 2.5	Pass
				0	3.91	13.400	0.0076	-2.5 to 2.5	Pass
				10	3.91	-7.300	-0.0042	-2.5 to 2.5	Pass
				30	3.91	-1.300	-0.0007	-2.5 to 2.5	Pass
				40	3.91	10.900	0.0062	-2.5 to 2.5	Pass
				50	3.91	8.300	0.0047	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.60	8.100	0.0047	-2.5 to 2.5	Pass
					3.91	-1.800	-0.0011	-2.5 to 2.5	Pass
					4.50	-1.800	-0.0011	-2.5 to 2.5	Pass
				-30	3.91	0.400	0.0002	-2.5 to 2.5	Pass
				-20	3.91	1.300	0.0008	-2.5 to 2.5	Pass
				-10	3.91	1.900	0.0011	-2.5 to 2.5	Pass
				0	3.91	-11.300	-0.0066	-2.5 to 2.5	Pass
				10	3.91	-13.500	-0.0079	-2.5 to 2.5	Pass
				30	3.91	2.300	0.0013	-2.5 to 2.5	Pass
				40	3.91	-14.300	-0.0084	-2.5 to 2.5	Pass
				50	3.91	-16.500	-0.0096	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.60	-5.100	-0.0029	-2.5 to 2.5	Pass
					3.91	-11.800	-0.0068	-2.5 to 2.5	Pass
					4.50	-14.300	-0.0083	-2.5 to 2.5	Pass
				-30	3.91	4.700	0.0027	-2.5 to 2.5	Pass
				-20	3.91	-13.400	-0.0077	-2.5 to 2.5	Pass
				-10	3.91	4.200	0.0024	-2.5 to 2.5	Pass
				0	3.91	1.200	0.0007	-2.5 to 2.5	Pass
				10	3.91	7.000	0.0040	-2.5 to 2.5	Pass
				30	3.91	1.400	0.0008	-2.5 to 2.5	Pass
				40	3.91	5.500	0.0032	-2.5 to 2.5	Pass
				50	3.91	-14.500	-0.0084	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.60	-8.700	-0.0050	-2.5 to 2.5	Pass
					3.91	-11.900	-0.0068	-2.5 to 2.5	Pass
					4.50	-0.500	-0.0003	-2.5 to 2.5	Pass
				-30	3.91	12.700	0.0072	-2.5 to 2.5	Pass
				-20	3.91	12.900	0.0074	-2.5 to 2.5	Pass
				-10	3.91	-4.800	-0.0027	-2.5 to 2.5	Pass
				0	3.91	-5.500	-0.0031	-2.5 to 2.5	Pass
				10	3.91	10.200	0.0058	-2.5 to 2.5	Pass
				30	3.91	7.000	0.0040	-2.5 to 2.5	Pass
				40	3.91	8.300	0.0047	-2.5 to 2.5	Pass
				50	3.91	-14.000	-0.0080	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	20	3.60	11.000	0.0064	-2.5 to 2.5	Pass
					3.91	10.600	0.0062	-2.5 to 2.5	Pass
					4.50	-3.200	-0.0019	-2.5 to 2.5	Pass
				-30	3.91	-1.800	-0.0011	-2.5 to 2.5	Pass
				-20	3.91	-8.500	-0.0050	-2.5 to 2.5	Pass
				-10	3.91	-11.400	-0.0067	-2.5 to 2.5	Pass
				0	3.91	-10.700	-0.0063	-2.5 to 2.5	Pass
				10	3.91	-11.700	-0.0068	-2.5 to 2.5	Pass

				30	3.91	-8.500	-0.0050	-2.5 to 2.5	Pass
				40	3.91	-15.200	-0.0089	-2.5 to 2.5	Pass
				50	3.91	-8.000	-0.0047	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.60	-13.100	-0.0076	-2.5 to 2.5	Pass
					3.91	1.700	0.0010	-2.5 to 2.5	Pass
					4.50	5.100	0.0029	-2.5 to 2.5	Pass
				-30	3.91	-8.200	-0.0047	-2.5 to 2.5	Pass
				-20	3.91	-9.900	-0.0057	-2.5 to 2.5	Pass
				-10	3.91	6.700	0.0039	-2.5 to 2.5	Pass
				0	3.91	-8.700	-0.0050	-2.5 to 2.5	Pass
				10	3.91	0.700	0.0004	-2.5 to 2.5	Pass
				30	3.91	3.400	0.0020	-2.5 to 2.5	Pass
				40	3.91	6.400	0.0037	-2.5 to 2.5	Pass
				50	3.91	9.300	0.0054	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.60	7.400	0.0042	-2.5 to 2.5	Pass
					3.91	2.100	0.0012	-2.5 to 2.5	Pass
					4.50	-10.100	-0.0058	-2.5 to 2.5	Pass
				-30	3.91	9.200	0.0052	-2.5 to 2.5	Pass
				-20	3.91	9.000	0.0051	-2.5 to 2.5	Pass
				-10	3.91	-10.600	-0.0060	-2.5 to 2.5	Pass
				0	3.91	-2.100	-0.0012	-2.5 to 2.5	Pass
				10	3.91	-5.000	-0.0029	-2.5 to 2.5	Pass
				30	3.91	9.600	0.0055	-2.5 to 2.5	Pass
				40	3.91	11.900	0.0068	-2.5 to 2.5	Pass
				50	3.91	-9.300	-0.0053	-2.5 to 2.5	Pass
256QAM	1710.7	6	0	20	3.60	5.300	0.0031	-2.5 to 2.5	Pass
					3.91	-12.600	-0.0074	-2.5 to 2.5	Pass
					4.50	-9.900	-0.0058	-2.5 to 2.5	Pass
				-30	3.91	1.700	0.0010	-2.5 to 2.5	Pass
				-20	3.91	-8.100	-0.0047	-2.5 to 2.5	Pass
				-10	3.91	4.500	0.0026	-2.5 to 2.5	Pass
				0	3.91	-9.700	-0.0057	-2.5 to 2.5	Pass
				10	3.91	-11.100	-0.0065	-2.5 to 2.5	Pass
				30	3.91	5.000	0.0029	-2.5 to 2.5	Pass
				40	3.91	-11.200	-0.0065	-2.5 to 2.5	Pass
				50	3.91	5.400	0.0032	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.60	13.800	0.0080	-2.5 to 2.5	Pass
					3.91	-4.600	-0.0027	-2.5 to 2.5	Pass
					4.50	8.500	0.0049	-2.5 to 2.5	Pass
				-30	3.91	5.000	0.0029	-2.5 to 2.5	Pass
				-20	3.91	-12.900	-0.0074	-2.5 to 2.5	Pass
				-10	3.91	-11.400	-0.0066	-2.5 to 2.5	Pass
				0	3.91	-12.200	-0.0070	-2.5 to 2.5	Pass
				10	3.91	0.500	0.0003	-2.5 to 2.5	Pass
				30	3.91	-11.300	-0.0065	-2.5 to 2.5	Pass
				40	3.91	-15.600	-0.0090	-2.5 to 2.5	Pass
				50	3.91	-1.700	-0.0010	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.60	-11.200	-0.0064	-2.5 to 2.5	Pass
					3.91	8.500	0.0048	-2.5 to 2.5	Pass
					4.50	2.500	0.0014	-2.5 to 2.5	Pass
				-30	3.91	6.700	0.0038	-2.5 to 2.5	Pass
				-20	3.91	7.200	0.0041	-2.5 to 2.5	Pass
				-10	3.91	-11.600	-0.0066	-2.5 to 2.5	Pass
				0	3.91	-8.400	-0.0048	-2.5 to 2.5	Pass
				10	3.91	-8.800	-0.0050	-2.5 to 2.5	Pass
				30	3.91	-1.700	-0.0010	-2.5 to 2.5	Pass
				40	3.91	13.800	0.0079	-2.5 to 2.5	Pass
				50	3.91	-3.600	-0.0021	-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	3.60	-20.200	-0.0118	-2.5 to 2.5	Pass
					3.91	21.400	0.0125	-2.5 to 2.5	Pass
					4.50	30.200	0.0176	-2.5 to 2.5	Pass
				-30	3.91	14.700	0.0086	-2.5 to 2.5	Pass
				-20	3.91	23.300	0.0136	-2.5 to 2.5	Pass
				-10	3.91	14.800	0.0086	-2.5 to 2.5	Pass
				0	3.91	2.000	0.0012	-2.5 to 2.5	Pass
				10	3.91	6.600	0.0039	-2.5 to 2.5	Pass
				30	3.91	2.600	0.0015	-2.5 to 2.5	Pass
				40	3.91	-11.300	-0.0066	-2.5 to 2.5	Pass
				50	3.91	-13.400	-0.0078	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.60	4.700	0.0027	-2.5 to 2.5	Pass
					3.91	-7.500	-0.0043	-2.5 to 2.5	Pass
					4.50	-8.600	-0.0050	-2.5 to 2.5	Pass
				-30	3.91	1.800	0.0010	-2.5 to 2.5	Pass
				-20	3.91	-9.600	-0.0055	-2.5 to 2.5	Pass
				-10	3.91	3.200	0.0018	-2.5 to 2.5	Pass
				0	3.91	-10.800	-0.0062	-2.5 to 2.5	Pass
				10	3.91	4.900	0.0028	-2.5 to 2.5	Pass
				30	3.91	-9.500	-0.0055	-2.5 to 2.5	Pass
				40	3.91	-7.300	-0.0042	-2.5 to 2.5	Pass
				50	3.91	-8.500	-0.0049	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.60	-10.400	-0.0059	-2.5 to 2.5	Pass
					3.91	6.800	0.0039	-2.5 to 2.5	Pass
					4.50	-3.000	-0.0017	-2.5 to 2.5	Pass
				-30	3.91	0.200	0.0001	-2.5 to 2.5	Pass
				-20	3.91	10.700	0.0061	-2.5 to 2.5	Pass
				-10	3.91	8.300	0.0047	-2.5 to 2.5	Pass
				0	3.91	-4.000	-0.0023	-2.5 to 2.5	Pass
				10	3.91	6.300	0.0036	-2.5 to 2.5	Pass
				30	3.91	7.500	0.0043	-2.5 to 2.5	Pass
				40	3.91	6.500	0.0037	-2.5 to 2.5	Pass
				50	3.91	1.900	0.0011	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.60	-6.600	-0.0039	-2.5 to 2.5	Pass
					3.91	-16.900	-0.0099	-2.5 to 2.5	Pass
					4.50	-5.500	-0.0032	-2.5 to 2.5	Pass
				-30	3.91	4.200	0.0025	-2.5 to 2.5	Pass
				-20	3.91	-6.500	-0.0038	-2.5 to 2.5	Pass
				-10	3.91	-4.100	-0.0024	-2.5 to 2.5	Pass
				0	3.91	8.400	0.0049	-2.5 to 2.5	Pass
				10	3.91	9.100	0.0053	-2.5 to 2.5	Pass
				30	3.91	-5.800	-0.0034	-2.5 to 2.5	Pass
				40	3.91	3.600	0.0021	-2.5 to 2.5	Pass
				50	3.91	-10.500	-0.0061	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.60	6.800	0.0039	-2.5 to 2.5	Pass
					3.91	3.600	0.0021	-2.5 to 2.5	Pass
					4.50	-9.500	-0.0055	-2.5 to 2.5	Pass
				-30	3.91	2.400	0.0014	-2.5 to 2.5	Pass
				-20	3.91	1.100	0.0006	-2.5 to 2.5	Pass
				-10	3.91	3.200	0.0018	-2.5 to 2.5	Pass
				0	3.91	3.700	0.0021	-2.5 to 2.5	Pass
				10	3.91	1.500	0.0009	-2.5 to 2.5	Pass
				30	3.91	-15.200	-0.0088	-2.5 to 2.5	Pass
				40	3.91	-1.500	-0.0009	-2.5 to 2.5	Pass

	1753.5	15	0	50	3.91	-15.900	-0.0092	-2.5 to 2.5	Pass
				20	3.60	2.200	0.0013	-2.5 to 2.5	Pass
					3.91	0.900	0.0005	-2.5 to 2.5	Pass
					4.50	4.500	0.0026	-2.5 to 2.5	Pass
				-30	3.91	-13.700	-0.0078	-2.5 to 2.5	Pass
				-20	3.91	2.900	0.0017	-2.5 to 2.5	Pass
				-10	3.91	-12.200	-0.0070	-2.5 to 2.5	Pass
				0	3.91	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.91	-2.000	-0.0011	-2.5 to 2.5	Pass
				30	3.91	2.900	0.0017	-2.5 to 2.5	Pass
				40	3.91	6.200	0.0035	-2.5 to 2.5	Pass
				50	3.91	5.000	0.0029	-2.5 to 2.5	Pass
64QAM	1711.5	15	0	20	3.60	-5.000	-0.0029	-2.5 to 2.5	Pass
					3.91	-3.100	-0.0018	-2.5 to 2.5	Pass
					4.50	-1.800	-0.0011	-2.5 to 2.5	Pass
					3.91	-0.700	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	-0.700	-0.0004	-2.5 to 2.5	Pass
				-20	3.91	-2.800	-0.0016	-2.5 to 2.5	Pass
				-10	3.91	15.900	0.0093	-2.5 to 2.5	Pass
				0	3.91	16.600	0.0097	-2.5 to 2.5	Pass
				10	3.91	22.200	0.0130	-2.5 to 2.5	Pass
				30	3.91	17.500	0.0102	-2.5 to 2.5	Pass
				40	3.91	5.200	0.0030	-2.5 to 2.5	Pass
				50	3.91	-2.100	-0.0012	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.60	6.900	0.0040	-2.5 to 2.5	Pass
					3.91	7.800	0.0045	-2.5 to 2.5	Pass
					4.50	-5.700	-0.0033	-2.5 to 2.5	Pass
					3.91	-6.100	-0.0035	-2.5 to 2.5	Pass
				-30	3.91	-6.100	-0.0035	-2.5 to 2.5	Pass
				-20	3.91	-8.000	-0.0046	-2.5 to 2.5	Pass
				-10	3.91	-7.200	-0.0042	-2.5 to 2.5	Pass
				0	3.91	8.100	0.0047	-2.5 to 2.5	Pass
				10	3.91	-8.800	-0.0051	-2.5 to 2.5	Pass
				30	3.91	6.400	0.0037	-2.5 to 2.5	Pass
				40	3.91	-6.900	-0.0040	-2.5 to 2.5	Pass
				50	3.91	3.700	0.0021	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.60	-2.000	-0.0011	-2.5 to 2.5	Pass
					3.91	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.50	-8.500	-0.0048	-2.5 to 2.5	Pass
					3.91	-3.800	-0.0022	-2.5 to 2.5	Pass
				-30	3.91	-3.800	-0.0022	-2.5 to 2.5	Pass
				-20	3.91	-0.700	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	12.800	0.0073	-2.5 to 2.5	Pass
				0	3.91	-0.900	-0.0005	-2.5 to 2.5	Pass
				10	3.91	13.300	0.0076	-2.5 to 2.5	Pass
				30	3.91	-3.200	-0.0018	-2.5 to 2.5	Pass
				40	3.91	-5.000	-0.0029	-2.5 to 2.5	Pass
				50	3.91	5.500	0.0031	-2.5 to 2.5	Pass
256QAM	1711.5	15	0	20	3.60	1.700	0.0010	-2.5 to 2.5	Pass
					3.91	-27.300	-0.0160	-2.5 to 2.5	Pass
					4.50	-11.700	-0.0068	-2.5 to 2.5	Pass
					3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.91	-1.500	-0.0009	-2.5 to 2.5	Pass
				-10	3.91	-32.100	-0.0188	-2.5 to 2.5	Pass
				0	3.91	-10.400	-0.0061	-2.5 to 2.5	Pass
				10	3.91	10.800	0.0063	-2.5 to 2.5	Pass
				30	3.91	-8.100	-0.0047	-2.5 to 2.5	Pass
				40	3.91	-19.100	-0.0112	-2.5 to 2.5	Pass
				50	3.91	35.000	0.0204	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.60	-17.800	-0.0103	-2.5 to 2.5	Pass
					3.91	19.800	0.0114	-2.5 to 2.5	Pass
					4.50	-4.700	-0.0027	-2.5 to 2.5	Pass

				-30	3.91	2.300	0.0013	-2.5 to 2.5	Pass
				-20	3.91	-6.800	-0.0039	-2.5 to 2.5	Pass
				-10	3.91	-9.400	-0.0054	-2.5 to 2.5	Pass
				0	3.91	5.800	0.0033	-2.5 to 2.5	Pass
				10	3.91	5.500	0.0032	-2.5 to 2.5	Pass
				30	3.91	-12.500	-0.0072	-2.5 to 2.5	Pass
				40	3.91	-18.700	-0.0108	-2.5 to 2.5	Pass
				50	3.91	-12.600	-0.0073	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.60	2.500	0.0014	-2.5 to 2.5	Pass
					3.91	40.400	0.0230	-2.5 to 2.5	Pass
					4.50	-7.400	-0.0042	-2.5 to 2.5	Pass
				-30	3.91	2.900	0.0017	-2.5 to 2.5	Pass
				-20	3.91	2.100	0.0012	-2.5 to 2.5	Pass
				-10	3.91	39.000	0.0222	-2.5 to 2.5	Pass
				0	3.91	3.900	0.0022	-2.5 to 2.5	Pass
				10	3.91	0.300	0.0002	-2.5 to 2.5	Pass
				30	3.91	-11.600	-0.0066	-2.5 to 2.5	Pass
				40	3.91	-11.300	-0.0064	-2.5 to 2.5	Pass
				50	3.91	-13.500	-0.0077	-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	3.60	5.400	0.0032	-2.5 to 2.5	Pass
					3.91	5.100	0.0030	-2.5 to 2.5	Pass
					4.50	7.900	0.0046	-2.5 to 2.5	Pass
				-30	3.91	1.000	0.0006	-2.5 to 2.5	Pass
				-20	3.91	11.300	0.0066	-2.5 to 2.5	Pass
				-10	3.91	0.500	0.0003	-2.5 to 2.5	Pass
				0	3.91	-2.400	-0.0014	-2.5 to 2.5	Pass
				10	3.91	-2.700	-0.0016	-2.5 to 2.5	Pass
				30	3.91	2.200	0.0013	-2.5 to 2.5	Pass
				40	3.91	-9.200	-0.0054	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.60	-5.000	-0.0029	-2.5 to 2.5	Pass
					3.91	-15.000	-0.0087	-2.5 to 2.5	Pass
					4.50	-1.800	-0.0010	-2.5 to 2.5	Pass
				-30	3.91	-1.500	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	-13.500	-0.0078	-2.5 to 2.5	Pass
				-10	3.91	-11.100	-0.0064	-2.5 to 2.5	Pass
				0	3.91	4.000	0.0023	-2.5 to 2.5	Pass
				10	3.91	3.500	0.0020	-2.5 to 2.5	Pass
				30	3.91	-17.300	-0.0100	-2.5 to 2.5	Pass
				40	3.91	-6.400	-0.0037	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.60	-15.600	-0.0089	-2.5 to 2.5	Pass
					3.91	-11.700	-0.0067	-2.5 to 2.5	Pass
					4.50	-5.700	-0.0033	-2.5 to 2.5	Pass
				-30	3.91	-2.800	-0.0016	-2.5 to 2.5	Pass
				-20	3.91	10.000	0.0057	-2.5 to 2.5	Pass
				-10	3.91	-4.000	-0.0023	-2.5 to 2.5	Pass
				0	3.91	8.300	0.0047	-2.5 to 2.5	Pass
				10	3.91	-6.300	-0.0036	-2.5 to 2.5	Pass
				30	3.91	-9.600	-0.0055	-2.5 to 2.5	Pass
				40	3.91	5.000	0.0029	-2.5 to 2.5	Pass

				50	3.91	-7.300	-0.0042	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.60	-1.500	-0.0009	-2.5 to 2.5	Pass
					3.91	4.500	0.0026	-2.5 to 2.5	Pass
					4.50	-6.000	-0.0035	-2.5 to 2.5	Pass
					-30	3.91	7.200	0.0042	-2.5 to 2.5
				-20	3.91	1.300	0.0008	-2.5 to 2.5	Pass
				-10	3.91	9.300	0.0054	-2.5 to 2.5	Pass
				0	3.91	-6.500	-0.0038	-2.5 to 2.5	Pass
				10	3.91	8.000	0.0047	-2.5 to 2.5	Pass
				30	3.91	1.300	0.0008	-2.5 to 2.5	Pass
				40	3.91	1.900	0.0011	-2.5 to 2.5	Pass
				50	3.91	1.000	0.0006	-2.5 to 2.5	Pass
				1732.5	25	0	20	3.60	-12.500
	3.91	-5.300	-0.0031					-2.5 to 2.5	Pass
	4.50	-5.800	-0.0033					-2.5 to 2.5	Pass
	-30	3.91	4.000					0.0023	-2.5 to 2.5
	-20	3.91	-0.400				-0.0002	-2.5 to 2.5	Pass
	-10	3.91	-0.100				-0.0001	-2.5 to 2.5	Pass
	0	3.91	-1.000				-0.0006	-2.5 to 2.5	Pass
	10	3.91	-3.300				-0.0019	-2.5 to 2.5	Pass
	30	3.91	-1.400				-0.0008	-2.5 to 2.5	Pass
	40	3.91	-13.200				-0.0076	-2.5 to 2.5	Pass
	50	3.91	0.000				0.0000	-2.5 to 2.5	Pass
	1752.5	25	0				20	3.60	-11.700
				3.91	4.200	0.0024		-2.5 to 2.5	Pass
				4.50	6.000	0.0034		-2.5 to 2.5	Pass
				-30	3.91	6.700		0.0038	-2.5 to 2.5
				-20	3.91	-12.700	-0.0072	-2.5 to 2.5	Pass
				-10	3.91	-10.900	-0.0062	-2.5 to 2.5	Pass
				0	3.91	-7.300	-0.0042	-2.5 to 2.5	Pass
				10	3.91	-10.800	-0.0062	-2.5 to 2.5	Pass
				30	3.91	-10.200	-0.0058	-2.5 to 2.5	Pass
				40	3.91	2.000	0.0011	-2.5 to 2.5	Pass
				50	3.91	-7.300	-0.0042	-2.5 to 2.5	Pass
				64QAM	1712.5	25	0	20	3.60
3.91	-8.800	-0.0051	-2.5 to 2.5						Pass
4.50	-8.100	-0.0047	-2.5 to 2.5						Pass
-30	3.91	-5.900	-0.0034						-2.5 to 2.5
-20	3.91	-4.100	-0.0024					-2.5 to 2.5	Pass
-10	3.91	2.100	0.0012					-2.5 to 2.5	Pass
0	3.91	-4.800	-0.0028					-2.5 to 2.5	Pass
10	3.91	7.100	0.0041					-2.5 to 2.5	Pass
30	3.91	4.700	0.0027					-2.5 to 2.5	Pass
40	3.91	14.100	0.0082					-2.5 to 2.5	Pass
50	3.91	2.200	0.0013					-2.5 to 2.5	Pass
1732.5	25	0	20					3.60	-1.700
					3.91	-16.000	-0.0092	-2.5 to 2.5	Pass
					4.50	-0.900	-0.0005	-2.5 to 2.5	Pass
					-30	3.91	2.900	0.0017	-2.5 to 2.5
			-20		3.91	1.800	0.0010	-2.5 to 2.5	Pass
			-10		3.91	-7.900	-0.0046	-2.5 to 2.5	Pass
			0		3.91	-9.800	-0.0057	-2.5 to 2.5	Pass
			10		3.91	-7.200	-0.0042	-2.5 to 2.5	Pass
			30		3.91	6.300	0.0036	-2.5 to 2.5	Pass
			40		3.91	-9.700	-0.0056	-2.5 to 2.5	Pass
			50		3.91	-8.200	-0.0047	-2.5 to 2.5	Pass
			1752.5		25	0	20	3.60	12.400
3.91	8.700	0.0050						-2.5 to 2.5	Pass
4.50	8.400	0.0048						-2.5 to 2.5	Pass

256QAM	1712.5	25	0	-30	3.91	11.300	0.0064	-2.5 to 2.5	Pass
				-20	3.91	-6.000	-0.0034	-2.5 to 2.5	Pass
				-10	3.91	8.700	0.0050	-2.5 to 2.5	Pass
				0	3.91	7.200	0.0041	-2.5 to 2.5	Pass
				10	3.91	3.900	0.0022	-2.5 to 2.5	Pass
				30	3.91	-8.800	-0.0050	-2.5 to 2.5	Pass
				40	3.91	8.000	0.0046	-2.5 to 2.5	Pass
				50	3.91	5.400	0.0031	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.60	8.500	0.0050	-2.5 to 2.5	Pass
					3.91	12.400	0.0072	-2.5 to 2.5	Pass
					4.50	-6.700	-0.0039	-2.5 to 2.5	Pass
				-30	3.91	-4.500	-0.0026	-2.5 to 2.5	Pass
				-20	3.91	7.200	0.0042	-2.5 to 2.5	Pass
				-10	3.91	5.700	0.0033	-2.5 to 2.5	Pass
				0	3.91	8.400	0.0049	-2.5 to 2.5	Pass
				10	3.91	5.900	0.0034	-2.5 to 2.5	Pass
				30	3.91	-15.800	-0.0092	-2.5 to 2.5	Pass
				40	3.91	-13.400	-0.0078	-2.5 to 2.5	Pass
				50	3.91	-6.800	-0.0040	-2.5 to 2.5	Pass
				20	3.60	-3.000	-0.0017	-2.5 to 2.5	Pass
					3.91	1.200	0.0007	-2.5 to 2.5	Pass
					4.50	-13.200	-0.0076	-2.5 to 2.5	Pass
				-30	3.91	-5.500	-0.0032	-2.5 to 2.5	Pass
				-20	3.91	-1.100	-0.0006	-2.5 to 2.5	Pass
				-10	3.91	-9.600	-0.0055	-2.5 to 2.5	Pass
				0	3.91	-5.800	-0.0033	-2.5 to 2.5	Pass
				10	3.91	12.100	0.0070	-2.5 to 2.5	Pass
				30	3.91	8.700	0.0050	-2.5 to 2.5	Pass
				40	3.91	-4.300	-0.0025	-2.5 to 2.5	Pass
				50	3.91	5.000	0.0029	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.60	9.600	0.0055	-2.5 to 2.5	Pass
					3.91	-8.100	-0.0046	-2.5 to 2.5	Pass
					4.50	-8.900	-0.0051	-2.5 to 2.5	Pass
				-30	3.91	9.900	0.0056	-2.5 to 2.5	Pass
				-20	3.91	-10.300	-0.0059	-2.5 to 2.5	Pass
				-10	3.91	-7.900	-0.0045	-2.5 to 2.5	Pass
				0	3.91	-10.700	-0.0061	-2.5 to 2.5	Pass
				10	3.91	-8.900	-0.0051	-2.5 to 2.5	Pass
				30	3.91	7.100	0.0041	-2.5 to 2.5	Pass
				40	3.91	10.300	0.0059	-2.5 to 2.5	Pass
				50	3.91	-2.400	-0.0014	-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	3.60	-3.800	-0.0022	-2.5 to 2.5	Pass
					3.91	11.100	0.0065	-2.5 to 2.5	Pass
					4.50	14.100	0.0082	-2.5 to 2.5	Pass
				-30	3.91	11.600	0.0068	-2.5 to 2.5	Pass
				-20	3.91	-5.600	-0.0033	-2.5 to 2.5	Pass
				-10	3.91	-8.100	-0.0047	-2.5 to 2.5	Pass
				0	3.91	-3.200	-0.0019	-2.5 to 2.5	Pass
				10	3.91	3.100	0.0018	-2.5 to 2.5	Pass
				30	3.91	-8.800	-0.0051	-2.5 to 2.5	Pass
				40	3.91	-6.500	-0.0038	-2.5 to 2.5	Pass

				50	3.91	-2.700	-0.0016	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.60	-7.400	-0.0043	-2.5 to 2.5	Pass
					3.91	-4.600	-0.0027	-2.5 to 2.5	Pass
					4.50	-13.200	-0.0076	-2.5 to 2.5	Pass
					-30	3.91	-4.100	-0.0024	-2.5 to 2.5
				-20	3.91	-6.700	-0.0039	-2.5 to 2.5	Pass
				-10	3.91	-19.200	-0.0111	-2.5 to 2.5	Pass
				0	3.91	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	3.91	-14.600	-0.0084	-2.5 to 2.5	Pass
				30	3.91	-12.200	-0.0070	-2.5 to 2.5	Pass
				40	3.91	-16.800	-0.0097	-2.5 to 2.5	Pass
	50	3.91	-3.600	-0.0021	-2.5 to 2.5	Pass			
	1750	50	0	20	3.60	-19.800	-0.0113	-2.5 to 2.5	Pass
					3.91	-12.400	-0.0071	-2.5 to 2.5	Pass
					4.50	-14.300	-0.0082	-2.5 to 2.5	Pass
				-30	3.91	-5.700	-0.0033	-2.5 to 2.5	Pass
				-20	3.91	-5.300	-0.0030	-2.5 to 2.5	Pass
				-10	3.91	5.100	0.0029	-2.5 to 2.5	Pass
				0	3.91	-6.600	-0.0038	-2.5 to 2.5	Pass
				10	3.91	7.900	0.0045	-2.5 to 2.5	Pass
				30	3.91	9.000	0.0051	-2.5 to 2.5	Pass
				40	3.91	5.000	0.0029	-2.5 to 2.5	Pass
50	3.91	-9.800	-0.0056	-2.5 to 2.5	Pass				
16QAM	1715	50	0	20	3.60	-2.800	-0.0016	-2.5 to 2.5	Pass
					3.91	-6.000	-0.0035	-2.5 to 2.5	Pass
					4.50	5.800	0.0034	-2.5 to 2.5	Pass
				-30	3.91	-4.500	-0.0026	-2.5 to 2.5	Pass
				-20	3.91	9.700	0.0057	-2.5 to 2.5	Pass
				-10	3.91	7.500	0.0044	-2.5 to 2.5	Pass
				0	3.91	-7.100	-0.0041	-2.5 to 2.5	Pass
				10	3.91	6.300	0.0037	-2.5 to 2.5	Pass
				30	3.91	-7.600	-0.0044	-2.5 to 2.5	Pass
				40	3.91	10.900	0.0064	-2.5 to 2.5	Pass
	50	3.91	5.600	0.0033	-2.5 to 2.5	Pass			
	1732.5	50	0	20	3.60	-2.700	-0.0016	-2.5 to 2.5	Pass
					3.91	-4.400	-0.0025	-2.5 to 2.5	Pass
					4.50	-6.700	-0.0039	-2.5 to 2.5	Pass
				-30	3.91	-15.400	-0.0089	-2.5 to 2.5	Pass
				-20	3.91	2.900	0.0017	-2.5 to 2.5	Pass
				-10	3.91	-9.200	-0.0053	-2.5 to 2.5	Pass
				0	3.91	-12.600	-0.0073	-2.5 to 2.5	Pass
				10	3.91	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	3.91	1.600	0.0009	-2.5 to 2.5	Pass
				40	3.91	-14.700	-0.0085	-2.5 to 2.5	Pass
	50	3.91	0.000	0.0000	-2.5 to 2.5	Pass			
	1750	50	0	20	3.60	-13.500	-0.0077	-2.5 to 2.5	Pass
					3.91	8.900	0.0051	-2.5 to 2.5	Pass
					4.50	-12.600	-0.0072	-2.5 to 2.5	Pass
				-30	3.91	-13.600	-0.0078	-2.5 to 2.5	Pass
				-20	3.91	5.900	0.0034	-2.5 to 2.5	Pass
				-10	3.91	1.900	0.0011	-2.5 to 2.5	Pass
				0	3.91	-8.000	-0.0046	-2.5 to 2.5	Pass
				10	3.91	-2.300	-0.0013	-2.5 to 2.5	Pass
				30	3.91	-7.600	-0.0043	-2.5 to 2.5	Pass
				40	3.91	-7.000	-0.0040	-2.5 to 2.5	Pass
50	3.91	4.500	0.0026	-2.5 to 2.5	Pass				
64QAM	1715	50	0	20	3.60	6.300	0.0037	-2.5 to 2.5	Pass
					3.91	3.700	0.0022	-2.5 to 2.5	Pass
					4.50	-9.200	-0.0054	-2.5 to 2.5	Pass

				-30	3.91	4.600	0.0027	-2.5 to 2.5	Pass
				-20	3.91	5.100	0.0030	-2.5 to 2.5	Pass
				-10	3.91	4.500	0.0026	-2.5 to 2.5	Pass
				0	3.91	-7.900	-0.0046	-2.5 to 2.5	Pass
				10	3.91	2.600	0.0015	-2.5 to 2.5	Pass
				30	3.91	-5.500	-0.0032	-2.5 to 2.5	Pass
				40	3.91	10.900	0.0064	-2.5 to 2.5	Pass
				50	3.91	11.900	0.0069	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.60	-18.400	-0.0106	-2.5 to 2.5	Pass
					3.91	-9.600	-0.0055	-2.5 to 2.5	Pass
					4.50	-8.200	-0.0047	-2.5 to 2.5	Pass
				-30	3.91	3.800	0.0022	-2.5 to 2.5	Pass
				-20	3.91	-8.300	-0.0048	-2.5 to 2.5	Pass
				-10	3.91	5.100	0.0029	-2.5 to 2.5	Pass
				0	3.91	-6.500	-0.0038	-2.5 to 2.5	Pass
				10	3.91	-8.600	-0.0050	-2.5 to 2.5	Pass
				30	3.91	5.300	0.0031	-2.5 to 2.5	Pass
				40	3.91	-10.400	-0.0060	-2.5 to 2.5	Pass
				50	3.91	-8.000	-0.0046	-2.5 to 2.5	Pass
	1750	50	0	20	3.60	6.300	0.0036	-2.5 to 2.5	Pass
					3.91	-9.600	-0.0055	-2.5 to 2.5	Pass
					4.50	-13.700	-0.0078	-2.5 to 2.5	Pass
				-30	3.91	4.700	0.0027	-2.5 to 2.5	Pass
				-20	3.91	-6.400	-0.0037	-2.5 to 2.5	Pass
				-10	3.91	-2.600	-0.0015	-2.5 to 2.5	Pass
				0	3.91	1.800	0.0010	-2.5 to 2.5	Pass
				10	3.91	-10.500	-0.0060	-2.5 to 2.5	Pass
				30	3.91	-9.700	-0.0055	-2.5 to 2.5	Pass
				40	3.91	8.500	0.0049	-2.5 to 2.5	Pass
				50	3.91	2.100	0.0012	-2.5 to 2.5	Pass
256QAM	1715	50	0	20	3.60	-2.800	-0.0016	-2.5 to 2.5	Pass
					3.91	-4.100	-0.0024	-2.5 to 2.5	Pass
					4.50	-3.800	-0.0022	-2.5 to 2.5	Pass
				-30	3.91	10.300	0.0060	-2.5 to 2.5	Pass
				-20	3.91	3.200	0.0019	-2.5 to 2.5	Pass
				-10	3.91	3.000	0.0017	-2.5 to 2.5	Pass
				0	3.91	7.600	0.0044	-2.5 to 2.5	Pass
				10	3.91	5.500	0.0032	-2.5 to 2.5	Pass
				30	3.91	4.300	0.0025	-2.5 to 2.5	Pass
				40	3.91	5.800	0.0034	-2.5 to 2.5	Pass
				50	3.91	9.200	0.0054	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.60	-15.400	-0.0089	-2.5 to 2.5	Pass
					3.91	-16.900	-0.0098	-2.5 to 2.5	Pass
					4.50	-15.200	-0.0088	-2.5 to 2.5	Pass
				-30	3.91	5.000	0.0029	-2.5 to 2.5	Pass
				-20	3.91	6.800	0.0039	-2.5 to 2.5	Pass
				-10	3.91	5.100	0.0029	-2.5 to 2.5	Pass
				0	3.91	3.600	0.0021	-2.5 to 2.5	Pass
				10	3.91	-12.300	-0.0071	-2.5 to 2.5	Pass
				30	3.91	-8.400	-0.0048	-2.5 to 2.5	Pass
				40	3.91	-11.000	-0.0063	-2.5 to 2.5	Pass
				50	3.91	6.900	0.0040	-2.5 to 2.5	Pass
	1750	50	0	20	3.60	-9.100	-0.0052	-2.5 to 2.5	Pass
					3.91	-8.400	-0.0048	-2.5 to 2.5	Pass
					4.50	-9.900	-0.0057	-2.5 to 2.5	Pass
				-30	3.91	-8.000	-0.0046	-2.5 to 2.5	Pass
				-20	3.91	-15.600	-0.0089	-2.5 to 2.5	Pass
				-10	3.91	6.300	0.0036	-2.5 to 2.5	Pass
				0	3.91	6.400	0.0037	-2.5 to 2.5	Pass

				10	3.91	10.800	0.0062	-2.5 to 2.5	Pass
				30	3.91	-8.000	-0.0046	-2.5 to 2.5	Pass
				40	3.91	6.200	0.0035	-2.5 to 2.5	Pass
				50	3.91	5.000	0.0029	-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	3.60	3.800	0.0022	-2.5 to 2.5	Pass
					3.91	-6.100	-0.0036	-2.5 to 2.5	Pass
					4.50	1.100	0.0006	-2.5 to 2.5	Pass
				-30	3.91	17.900	0.0104	-2.5 to 2.5	Pass
				-20	3.91	15.500	0.0090	-2.5 to 2.5	Pass
				-10	3.91	-4.300	-0.0025	-2.5 to 2.5	Pass
				0	3.91	12.300	0.0072	-2.5 to 2.5	Pass
				10	3.91	11.800	0.0069	-2.5 to 2.5	Pass
				30	3.91	-6.400	-0.0037	-2.5 to 2.5	Pass
				40	3.91	-0.300	-0.0002	-2.5 to 2.5	Pass
				50	3.91	10.000	0.0058	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.60	-8.200	-0.0047	-2.5 to 2.5	Pass
					3.91	7.000	0.0040	-2.5 to 2.5	Pass
					4.50	1.000	0.0006	-2.5 to 2.5	Pass
				-30	3.91	1.700	0.0010	-2.5 to 2.5	Pass
				-20	3.91	-13.500	-0.0078	-2.5 to 2.5	Pass
				-10	3.91	-18.100	-0.0104	-2.5 to 2.5	Pass
				0	3.91	-12.200	-0.0070	-2.5 to 2.5	Pass
				10	3.91	3.100	0.0018	-2.5 to 2.5	Pass
				30	3.91	-13.600	-0.0078	-2.5 to 2.5	Pass
				40	3.91	0.400	0.0002	-2.5 to 2.5	Pass
				50	3.91	-13.400	-0.0077	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.60	5.900	0.0034	-2.5 to 2.5	Pass
					3.91	7.800	0.0045	-2.5 to 2.5	Pass
					4.50	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.91	-5.700	-0.0033	-2.5 to 2.5	Pass
				-20	3.91	-7.800	-0.0045	-2.5 to 2.5	Pass
				-10	3.91	-8.000	-0.0046	-2.5 to 2.5	Pass
				0	3.91	1.400	0.0008	-2.5 to 2.5	Pass
				10	3.91	18.100	0.0104	-2.5 to 2.5	Pass
				30	3.91	1.300	0.0007	-2.5 to 2.5	Pass
				40	3.91	14.100	0.0081	-2.5 to 2.5	Pass
				50	3.91	14.400	0.0082	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.60	-6.700	-0.0039	-2.5 to 2.5	Pass
					3.91	-6.200	-0.0036	-2.5 to 2.5	Pass
					4.50	10.900	0.0063	-2.5 to 2.5	Pass
				-30	3.91	17.700	0.0103	-2.5 to 2.5	Pass
				-20	3.91	-1.600	-0.0009	-2.5 to 2.5	Pass
				-10	3.91	-2.800	-0.0016	-2.5 to 2.5	Pass
				0	3.91	2.700	0.0016	-2.5 to 2.5	Pass
				10	3.91	-3.600	-0.0021	-2.5 to 2.5	Pass
				30	3.91	-5.400	-0.0031	-2.5 to 2.5	Pass
				40	3.91	-5.200	-0.0030	-2.5 to 2.5	Pass
				50	3.91	-4.800	-0.0028	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.60	-11.000	-0.0063	-2.5 to 2.5	Pass
					3.91	-8.000	-0.0046	-2.5 to 2.5	Pass
					4.50	-11.400	-0.0066	-2.5 to 2.5	Pass

				-30	3.91	3.900	0.0023	-2.5 to 2.5	Pass
				-20	3.91	-12.000	-0.0069	-2.5 to 2.5	Pass
				-10	3.91	-11.900	-0.0069	-2.5 to 2.5	Pass
				0	3.91	3.900	0.0023	-2.5 to 2.5	Pass
				10	3.91	5.200	0.0030	-2.5 to 2.5	Pass
				30	3.91	-15.400	-0.0089	-2.5 to 2.5	Pass
				40	3.91	6.000	0.0035	-2.5 to 2.5	Pass
				50	3.91	3.500	0.0020	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.60	-1.600	-0.0009	-2.5 to 2.5	Pass
					3.91	10.600	0.0061	-2.5 to 2.5	Pass
					4.50	13.700	0.0078	-2.5 to 2.5	Pass
				-30	3.91	10.400	0.0060	-2.5 to 2.5	Pass
				-20	3.91	3.300	0.0019	-2.5 to 2.5	Pass
				-10	3.91	9.500	0.0054	-2.5 to 2.5	Pass
				0	3.91	2.100	0.0012	-2.5 to 2.5	Pass
				10	3.91	11.800	0.0068	-2.5 to 2.5	Pass
				30	3.91	-2.500	-0.0014	-2.5 to 2.5	Pass
				40	3.91	11.100	0.0064	-2.5 to 2.5	Pass
				50	3.91	-5.800	-0.0033	-2.5 to 2.5	Pass
64QAM	1717.5	75	0	20	3.60	-12.500	-0.0073	-2.5 to 2.5	Pass
					3.91	5.100	0.0030	-2.5 to 2.5	Pass
					4.50	9.400	0.0055	-2.5 to 2.5	Pass
				-30	3.91	9.300	0.0054	-2.5 to 2.5	Pass
				-20	3.91	-5.800	-0.0034	-2.5 to 2.5	Pass
				-10	3.91	-7.900	-0.0046	-2.5 to 2.5	Pass
				0	3.91	4.000	0.0023	-2.5 to 2.5	Pass
				10	3.91	-13.800	-0.0080	-2.5 to 2.5	Pass
				30	3.91	7.700	0.0045	-2.5 to 2.5	Pass
				40	3.91	-7.500	-0.0044	-2.5 to 2.5	Pass
				50	3.91	-8.900	-0.0052	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.60	-12.300	-0.0071	-2.5 to 2.5	Pass
					3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
					4.50	1.200	0.0007	-2.5 to 2.5	Pass
				-30	3.91	-8.900	-0.0051	-2.5 to 2.5	Pass
				-20	3.91	7.700	0.0044	-2.5 to 2.5	Pass
				-10	3.91	10.600	0.0061	-2.5 to 2.5	Pass
				0	3.91	-5.700	-0.0033	-2.5 to 2.5	Pass
				10	3.91	7.400	0.0043	-2.5 to 2.5	Pass
				30	3.91	-6.400	-0.0037	-2.5 to 2.5	Pass
				40	3.91	-9.300	-0.0054	-2.5 to 2.5	Pass
				50	3.91	2.100	0.0012	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.60	-3.200	-0.0018	-2.5 to 2.5	Pass
					3.91	-7.600	-0.0043	-2.5 to 2.5	Pass
					4.50	8.600	0.0049	-2.5 to 2.5	Pass
				-30	3.91	-1.600	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	7.200	0.0041	-2.5 to 2.5	Pass
				-10	3.91	9.000	0.0052	-2.5 to 2.5	Pass
				0	3.91	-12.500	-0.0072	-2.5 to 2.5	Pass
				10	3.91	-4.500	-0.0026	-2.5 to 2.5	Pass
				30	3.91	-6.400	-0.0037	-2.5 to 2.5	Pass
				40	3.91	-4.600	-0.0026	-2.5 to 2.5	Pass
				50	3.91	9.200	0.0053	-2.5 to 2.5	Pass
256QAM	1717.5	75	0	20	3.60	-9.900	-0.0058	-2.5 to 2.5	Pass
					3.91	0.800	0.0005	-2.5 to 2.5	Pass
					4.50	-2.900	-0.0017	-2.5 to 2.5	Pass
				-30	3.91	8.200	0.0048	-2.5 to 2.5	Pass
				-20	3.91	6.400	0.0037	-2.5 to 2.5	Pass
				-10	3.91	2.400	0.0014	-2.5 to 2.5	Pass
				0	3.91	4.800	0.0028	-2.5 to 2.5	Pass

				10	3.91	5.500	0.0032	-2.5 to 2.5	Pass
				30	3.91	3.600	0.0021	-2.5 to 2.5	Pass
				40	3.91	-7.700	-0.0045	-2.5 to 2.5	Pass
				50	3.91	-8.000	-0.0047	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.60	-13.100	-0.0076	-2.5 to 2.5	Pass
					3.91	-11.800	-0.0068	-2.5 to 2.5	Pass
					4.50	-11.600	-0.0067	-2.5 to 2.5	Pass
				-30	3.91	2.500	0.0014	-2.5 to 2.5	Pass
				-20	3.91	4.600	0.0027	-2.5 to 2.5	Pass
				-10	3.91	-8.000	-0.0046	-2.5 to 2.5	Pass
				0	3.91	-2.800	-0.0016	-2.5 to 2.5	Pass
				10	3.91	5.900	0.0034	-2.5 to 2.5	Pass
				30	3.91	5.500	0.0032	-2.5 to 2.5	Pass
				40	3.91	-8.900	-0.0051	-2.5 to 2.5	Pass
				50	3.91	-10.900	-0.0063	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.60	4.000	0.0023	-2.5 to 2.5	Pass
					3.91	8.900	0.0051	-2.5 to 2.5	Pass
					4.50	10.400	0.0060	-2.5 to 2.5	Pass
				-30	3.91	11.100	0.0064	-2.5 to 2.5	Pass
				-20	3.91	-1.400	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	9.800	0.0056	-2.5 to 2.5	Pass
				0	3.91	-8.200	-0.0047	-2.5 to 2.5	Pass
				10	3.91	-5.300	-0.0030	-2.5 to 2.5	Pass
				30	3.91	-16.400	-0.0094	-2.5 to 2.5	Pass
				40	3.91	-10.300	-0.0059	-2.5 to 2.5	Pass
				50	3.91	-6.400	-0.0037	-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	3.60	8.700	0.0051	-2.5 to 2.5	Pass
					3.91	-11.800	-0.0069	-2.5 to 2.5	Pass
					4.50	2.100	0.0012	-2.5 to 2.5	Pass
				-30	3.91	-8.800	-0.0051	-2.5 to 2.5	Pass
				-20	3.91	8.300	0.0048	-2.5 to 2.5	Pass
				-10	3.91	7.800	0.0045	-2.5 to 2.5	Pass
				0	3.91	8.200	0.0048	-2.5 to 2.5	Pass
				10	3.91	1.100	0.0006	-2.5 to 2.5	Pass
				30	3.91	-8.600	-0.0050	-2.5 to 2.5	Pass
				40	3.91	4.500	0.0026	-2.5 to 2.5	Pass
				50	3.91	-10.100	-0.0059	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.60	10.500	0.0061	-2.5 to 2.5	Pass
					3.91	6.400	0.0037	-2.5 to 2.5	Pass
					4.50	4.900	0.0028	-2.5 to 2.5	Pass
				-30	3.91	3.400	0.0020	-2.5 to 2.5	Pass
				-20	3.91	-9.100	-0.0053	-2.5 to 2.5	Pass
				-10	3.91	10.400	0.0060	-2.5 to 2.5	Pass
				0	3.91	0.800	0.0005	-2.5 to 2.5	Pass
				10	3.91	6.700	0.0039	-2.5 to 2.5	Pass
				30	3.91	-8.900	-0.0051	-2.5 to 2.5	Pass
				40	3.91	7.500	0.0043	-2.5 to 2.5	Pass
				50	3.91	-8.200	-0.0047	-2.5 to 2.5	Pass
	1745	100	0	20	3.60	-5.800	-0.0033	-2.5 to 2.5	Pass
					3.91	-9.000	-0.0052	-2.5 to 2.5	Pass
					4.50	14.500	0.0083	-2.5 to 2.5	Pass

				-30	3.91	-8.200	-0.0047	-2.5 to 2.5	Pass
				-20	3.91	9.300	0.0053	-2.5 to 2.5	Pass
				-10	3.91	-8.100	-0.0046	-2.5 to 2.5	Pass
				0	3.91	-11.500	-0.0066	-2.5 to 2.5	Pass
				10	3.91	-5.800	-0.0033	-2.5 to 2.5	Pass
				30	3.91	-12.900	-0.0074	-2.5 to 2.5	Pass
				40	3.91	-8.400	-0.0048	-2.5 to 2.5	Pass
				50	3.91	-9.600	-0.0055	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.60	-9.000	-0.0052	-2.5 to 2.5	Pass
					3.91	4.900	0.0028	-2.5 to 2.5	Pass
					4.50	9.400	0.0055	-2.5 to 2.5	Pass
				-30	3.91	8.400	0.0049	-2.5 to 2.5	Pass
				-20	3.91	-3.500	-0.0020	-2.5 to 2.5	Pass
				-10	3.91	-2.000	-0.0012	-2.5 to 2.5	Pass
				0	3.91	10.400	0.0060	-2.5 to 2.5	Pass
				10	3.91	-11.600	-0.0067	-2.5 to 2.5	Pass
				30	3.91	0.600	0.0003	-2.5 to 2.5	Pass
				40	3.91	2.200	0.0013	-2.5 to 2.5	Pass
				50	3.91	6.500	0.0038	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.60	-14.200	-0.0082	-2.5 to 2.5	Pass
					3.91	-10.500	-0.0061	-2.5 to 2.5	Pass
					4.50	6.400	0.0037	-2.5 to 2.5	Pass
				-30	3.91	6.300	0.0036	-2.5 to 2.5	Pass
				-20	3.91	-6.400	-0.0037	-2.5 to 2.5	Pass
				-10	3.91	-10.500	-0.0061	-2.5 to 2.5	Pass
				0	3.91	-5.000	-0.0029	-2.5 to 2.5	Pass
				10	3.91	-13.700	-0.0079	-2.5 to 2.5	Pass
				30	3.91	2.400	0.0014	-2.5 to 2.5	Pass
				40	3.91	9.100	0.0053	-2.5 to 2.5	Pass
				50	3.91	-7.800	-0.0045	-2.5 to 2.5	Pass
	1745	100	0	20	3.60	2.600	0.0015	-2.5 to 2.5	Pass
					3.91	0.000	0.0000	-2.5 to 2.5	Pass
					4.50	-6.400	-0.0037	-2.5 to 2.5	Pass
				-30	3.91	4.200	0.0024	-2.5 to 2.5	Pass
				-20	3.91	6.600	0.0038	-2.5 to 2.5	Pass
				-10	3.91	-4.900	-0.0028	-2.5 to 2.5	Pass
				0	3.91	-7.800	-0.0045	-2.5 to 2.5	Pass
				10	3.91	5.600	0.0032	-2.5 to 2.5	Pass
				30	3.91	4.100	0.0023	-2.5 to 2.5	Pass
				40	3.91	2.900	0.0017	-2.5 to 2.5	Pass
				50	3.91	8.800	0.0050	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.60	-8.600	-0.0050	-2.5 to 2.5	Pass
					3.91	3.300	0.0019	-2.5 to 2.5	Pass
					4.50	5.500	0.0032	-2.5 to 2.5	Pass
				-30	3.91	-15.800	-0.0092	-2.5 to 2.5	Pass
				-20	3.91	3.200	0.0019	-2.5 to 2.5	Pass
				-10	3.91	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.91	5.000	0.0029	-2.5 to 2.5	Pass
				10	3.91	0.300	0.0002	-2.5 to 2.5	Pass
				30	3.91	1.100	0.0006	-2.5 to 2.5	Pass
				40	3.91	3.300	0.0019	-2.5 to 2.5	Pass
				50	3.91	-11.500	-0.0067	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.60	-11.300	-0.0065	-2.5 to 2.5	Pass
					3.91	-14.700	-0.0085	-2.5 to 2.5	Pass
					4.50	-13.600	-0.0078	-2.5 to 2.5	Pass
				-30	3.91	4.800	0.0028	-2.5 to 2.5	Pass
				-20	3.91	-12.900	-0.0074	-2.5 to 2.5	Pass
				-10	3.91	-10.800	-0.0062	-2.5 to 2.5	Pass
				0	3.91	7.200	0.0042	-2.5 to 2.5	Pass

				10	3.91	2.700	0.0016	-2.5 to 2.5	Pass
				30	3.91	3.300	0.0019	-2.5 to 2.5	Pass
				40	3.91	-0.500	-0.0003	-2.5 to 2.5	Pass
				50	3.91	-11.000	-0.0063	-2.5 to 2.5	Pass
	1745	100	0	20	3.60	6.500	0.0037	-2.5 to 2.5	Pass
					3.91	6.600	0.0038	-2.5 to 2.5	Pass
					4.50	-10.100	-0.0058	-2.5 to 2.5	Pass
				-30	3.91	-10.700	-0.0061	-2.5 to 2.5	Pass
				-20	3.91	6.400	0.0037	-2.5 to 2.5	Pass
				-10	3.91	8.200	0.0047	-2.5 to 2.5	Pass
				0	3.91	8.900	0.0051	-2.5 to 2.5	Pass
				10	3.91	-7.400	-0.0042	-2.5 to 2.5	Pass
				30	3.91	-2.600	-0.0015	-2.5 to 2.5	Pass
				40	3.91	-4.500	-0.0026	-2.5 to 2.5	Pass
				50	3.91	13.200	0.0076	-2.5 to 2.5	Pass
256QAM	1720	100	0	20	3.60	-12.000	-0.0070	-2.5 to 2.5	Pass
					3.91	-10.000	-0.0058	-2.5 to 2.5	Pass
					4.50	-13.700	-0.0080	-2.5 to 2.5	Pass
				-30	3.91	5.400	0.0031	-2.5 to 2.5	Pass
				-20	3.91	-16.800	-0.0098	-2.5 to 2.5	Pass
				-10	3.91	-11.500	-0.0067	-2.5 to 2.5	Pass
				0	3.91	1.900	0.0011	-2.5 to 2.5	Pass
				10	3.91	-7.900	-0.0046	-2.5 to 2.5	Pass
				30	3.91	-3.200	-0.0019	-2.5 to 2.5	Pass
				40	3.91	-4.400	-0.0026	-2.5 to 2.5	Pass
				50	3.91	4.600	0.0027	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.60	-2.800	-0.0016	-2.5 to 2.5	Pass
					3.91	-8.300	-0.0048	-2.5 to 2.5	Pass
					4.50	0.300	0.0002	-2.5 to 2.5	Pass
				-30	3.91	2.500	0.0014	-2.5 to 2.5	Pass
				-20	3.91	-0.900	-0.0005	-2.5 to 2.5	Pass
				-10	3.91	-8.700	-0.0050	-2.5 to 2.5	Pass
				0	3.91	-5.300	-0.0031	-2.5 to 2.5	Pass
				10	3.91	5.400	0.0031	-2.5 to 2.5	Pass
				30	3.91	-11.200	-0.0065	-2.5 to 2.5	Pass
				40	3.91	-10.800	-0.0062	-2.5 to 2.5	Pass
				50	3.91	-1.200	-0.0007	-2.5 to 2.5	Pass
	1745	100	0	20	3.60	-2.000	-0.0011	-2.5 to 2.5	Pass
					3.91	2.700	0.0015	-2.5 to 2.5	Pass
					4.50	-11.400	-0.0065	-2.5 to 2.5	Pass
				-30	3.91	-6.400	-0.0037	-2.5 to 2.5	Pass
				-20	3.91	3.000	0.0017	-2.5 to 2.5	Pass
				-10	3.91	-0.400	-0.0002	-2.5 to 2.5	Pass
				0	3.91	-9.700	-0.0056	-2.5 to 2.5	Pass
				10	3.91	9.700	0.0056	-2.5 to 2.5	Pass
				30	3.91	-5.000	-0.0029	-2.5 to 2.5	Pass
				40	3.91	-10.200	-0.0058	-2.5 to 2.5	Pass
				50	3.91	-9.900	-0.0057	-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	1710.7	6	0	1.112	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.109	/	Pass
	16QAM	1710.7	6	0	1.116	/	Pass
		1732.5	6	0	1.109	/	Pass
		1754.3	6	0	1.119	/	Pass
	64QAM	1710.7	6	0	1.119	/	Pass
		1732.5	6	0	1.110	/	Pass
		1754.3	6	0	1.115	/	Pass
	256QAM	1710.7	6	0	1.104	/	Pass
		1732.5	6	0	1.105	/	Pass
		1754.3	6	0	1.108	/	Pass
3	QPSK	1711.5	15	0	2.722	/	Pass
		1732.5	15	0	2.719	/	Pass
		1753.5	15	0	2.714	/	Pass
	16QAM	1711.5	15	0	2.719	/	Pass
		1732.5	15	0	2.723	/	Pass
		1753.5	15	0	2.729	/	Pass
	64QAM	1711.5	15	0	2.721	/	Pass
		1732.5	15	0	2.720	/	Pass
		1753.5	15	0	2.720	/	Pass
	256QAM	1711.5	15	0	2.720	/	Pass
		1732.5	15	0	2.738	/	Pass
		1753.5	15	0	2.728	/	Pass
5	QPSK	1712.5	25	0	4.550	/	Pass
		1732.5	25	0	4.525	/	Pass
		1752.5	25	0	4.526	/	Pass
	16QAM	1712.5	25	0	4.540	/	Pass
		1732.5	25	0	4.535	/	Pass
		1752.5	25	0	4.539	/	Pass
	64QAM	1712.5	25	0	4.542	/	Pass
		1732.5	25	0	4.543	/	Pass
		1752.5	25	0	4.535	/	Pass
	256QAM	1712.5	25	0	4.521	/	Pass
		1732.5	25	0	4.536	/	Pass
		1752.5	25	0	4.526	/	Pass
10	QPSK	1715	50	0	9.057	/	Pass
		1732.5	50	0	9.076	/	Pass
		1750	50	0	9.082	/	Pass
	16QAM	1715	50	0	9.013	/	Pass
		1732.5	50	0	9.032	/	Pass
		1750	50	0	9.037	/	Pass
	64QAM	1715	50	0	9.051	/	Pass
		1732.5	50	0	9.034	/	Pass
		1750	50	0	9.051	/	Pass
	256QAM	1715	50	0	9.040	/	Pass
		1732.5	50	0	9.039	/	Pass
		1750	50	0	9.038	/	Pass
15	QPSK	1717.5	75	0	13.586	/	Pass

		1732.5	75	0	13.549	/	Pass
		1747.5	75	0	13.637	/	Pass
		1717.5	75	0	13.577	/	Pass
	16QAM	1732.5	75	0	13.552	/	Pass
		1747.5	75	0	13.623	/	Pass
		1717.5	75	0	13.556	/	Pass
	64QAM	1732.5	75	0	13.520	/	Pass
		1747.5	75	0	13.574	/	Pass
		1717.5	75	0	13.577	/	Pass
20		1732.5	75	0	13.553	/	Pass
		1747.5	75	0	13.594	/	Pass
		1717.5	75	0	13.577	/	Pass
	QPSK	1720	100	0	18.098	/	Pass
		1732.5	100	0	18.020	/	Pass
		1745	100	0	18.068	/	Pass
	16QAM	1720	100	0	18.086	/	Pass
		1732.5	100	0	18.066	/	Pass
		1745	100	0	18.110	/	Pass
	64QAM	1720	100	0	18.067	/	Pass
		1732.5	100	0	18.046	/	Pass
		1745	100	0	18.089	/	Pass
	256QAM	1720	100	0	18.065	/	Pass
		1732.5	100	0	18.032	/	Pass
		1745	100	0	18.113	/	Pass

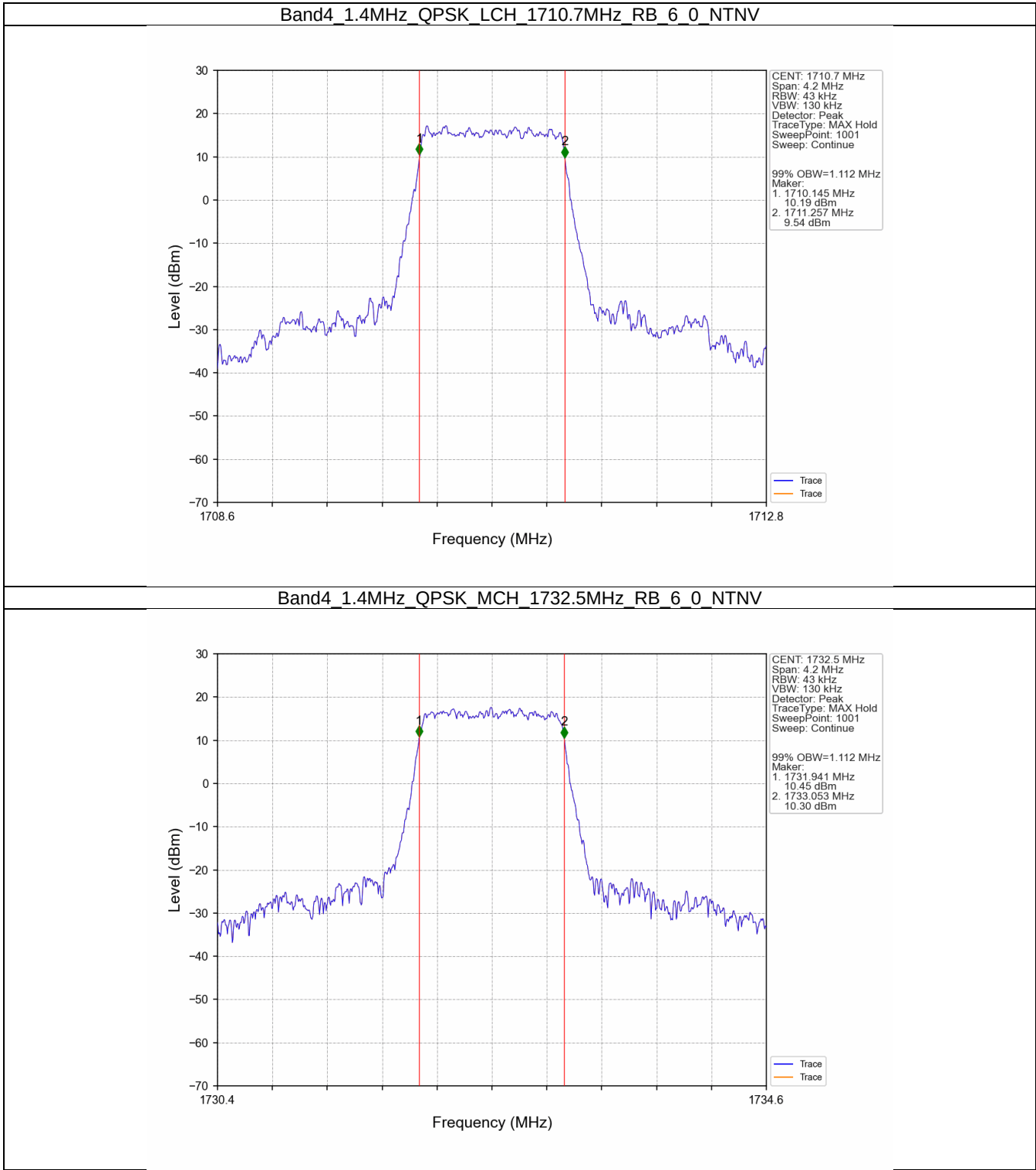
3.1.2 Band4_XDB

Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.315	/	Pass
		1732.5	6	0	1.326	/	Pass
		1754.3	6	0	1.320	/	Pass
	16QAM	1710.7	6	0	1.311	/	Pass
		1732.5	6	0	1.313	/	Pass
		1754.3	6	0	1.321	/	Pass
	64QAM	1710.7	6	0	1.314	/	Pass
		1732.5	6	0	1.317	/	Pass
		1754.3	6	0	1.313	/	Pass
	256QAM	1710.7	6	0	1.296	/	Pass
		1732.5	6	0	1.315	/	Pass
		1754.3	6	0	1.326	/	Pass
3	QPSK	1711.5	15	0	3.036	/	Pass
		1732.5	15	0	3.026	/	Pass
		1753.5	15	0	2.994	/	Pass
	16QAM	1711.5	15	0	3.005	/	Pass
		1732.5	15	0	3.032	/	Pass
		1753.5	15	0	3.021	/	Pass
	64QAM	1711.5	15	0	3.020	/	Pass
		1732.5	15	0	2.994	/	Pass
		1753.5	15	0	2.997	/	Pass
	256QAM	1711.5	15	0	3.021	/	Pass
		1732.5	15	0	3.004	/	Pass
		1753.5	15	0	3.031	/	Pass
5	QPSK	1712.5	25	0	5.047	/	Pass
		1732.5	25	0	5.035	/	Pass
		1752.5	25	0	5.058	/	Pass
	16QAM	1712.5	25	0	5.073	/	Pass

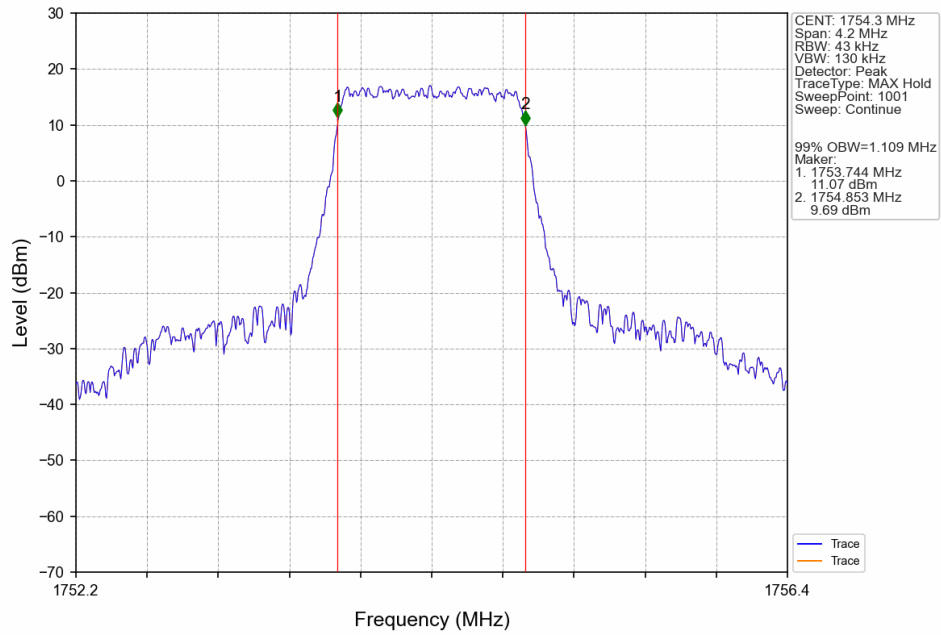
		1732.5	25	0	5.030	/	Pass
		1752.5	25	0	5.016	/	Pass
		1712.5	25	0	5.052	/	Pass
		1732.5	25	0	5.019	/	Pass
	64QAM	1752.5	25	0	5.004	/	Pass
		1712.5	25	0	4.980	/	Pass
		1732.5	25	0	5.018	/	Pass
		1752.5	25	0	5.012	/	Pass
10	QPSK	1715	50	0	9.929	/	Pass
		1732.5	50	0	9.914	/	Pass
		1750	50	0	9.906	/	Pass
	16QAM	1715	50	0	9.912	/	Pass
		1732.5	50	0	9.874	/	Pass
		1750	50	0	9.910	/	Pass
	64QAM	1715	50	0	9.993	/	Pass
		1732.5	50	0	9.905	/	Pass
		1750	50	0	9.974	/	Pass
	256QAM	1715	50	0	9.865	/	Pass
		1732.5	50	0	9.867	/	Pass
		1750	50	0	9.962	/	Pass
15	QPSK	1717.5	75	0	14.934	/	Pass
		1732.5	75	0	14.978	/	Pass
		1747.5	75	0	14.900	/	Pass
	16QAM	1717.5	75	0	14.871	/	Pass
		1732.5	75	0	14.858	/	Pass
		1747.5	75	0	14.966	/	Pass
	64QAM	1717.5	75	0	15.035	/	Pass
		1732.5	75	0	14.869	/	Pass
		1747.5	75	0	14.963	/	Pass
	256QAM	1717.5	75	0	14.816	/	Pass
		1732.5	75	0	14.816	/	Pass
		1747.5	75	0	14.910	/	Pass
20	QPSK	1720	100	0	19.847	/	Pass
		1732.5	100	0	19.689	/	Pass
		1745	100	0	19.599	/	Pass
	16QAM	1720	100	0	19.742	/	Pass
		1732.5	100	0	19.697	/	Pass
		1745	100	0	19.684	/	Pass
	64QAM	1720	100	0	19.851	/	Pass
		1732.5	100	0	19.703	/	Pass
		1745	100	0	19.766	/	Pass
	256QAM	1720	100	0	19.650	/	Pass
		1732.5	100	0	19.715	/	Pass
		1745	100	0	20.703	/	Pass

3.2 Test Graph

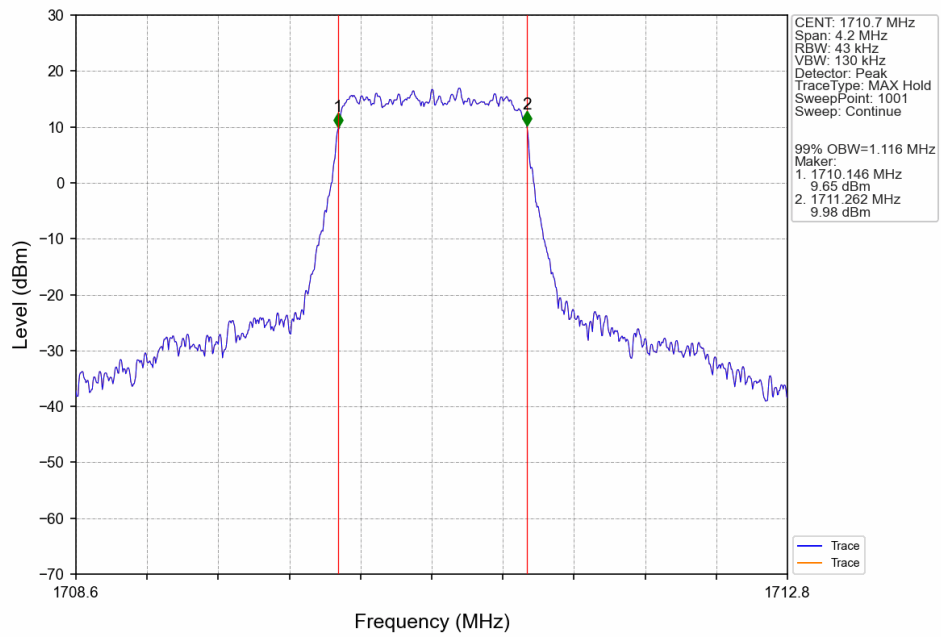
3.2.1 Band4_OBW



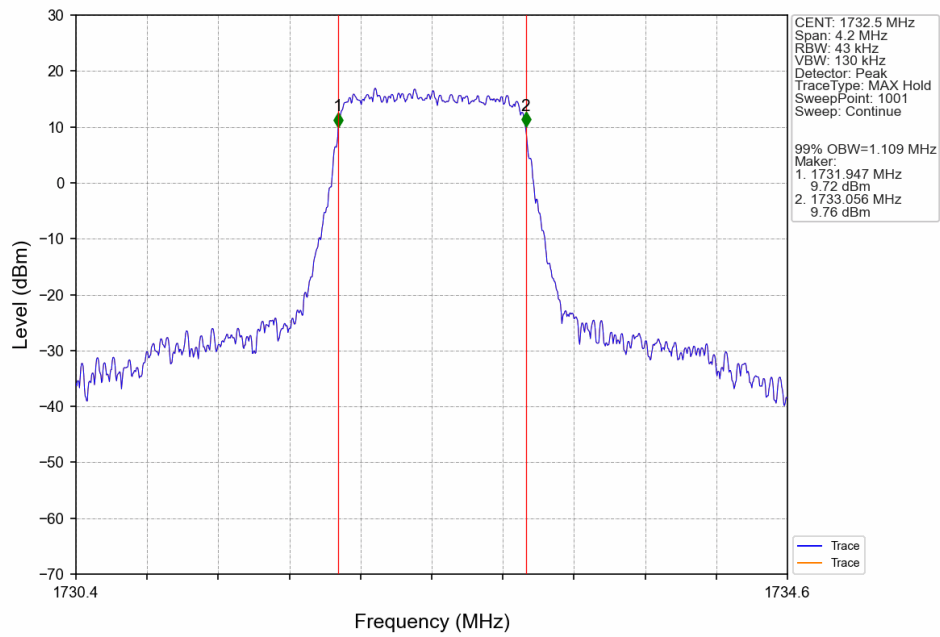
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



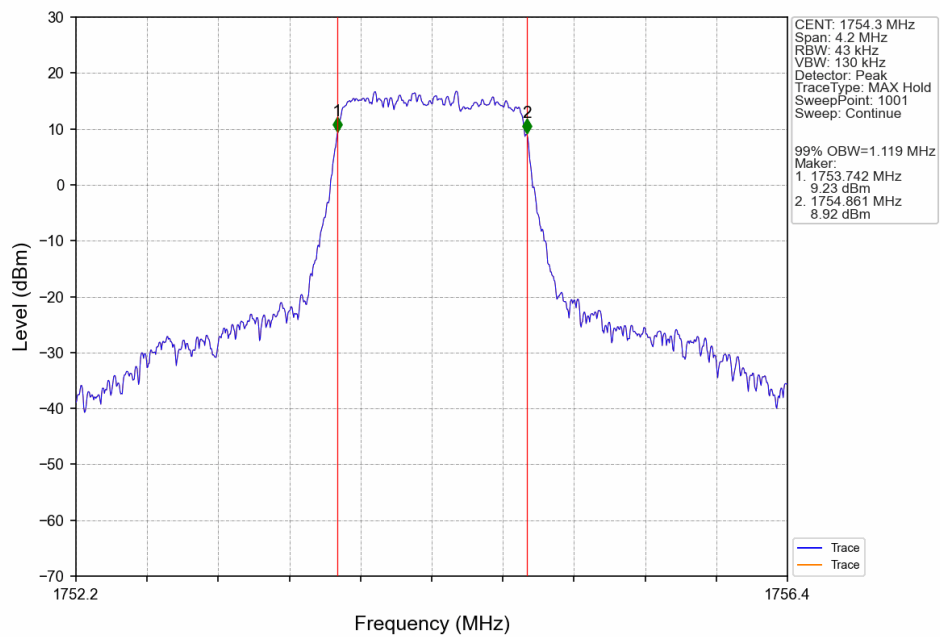
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



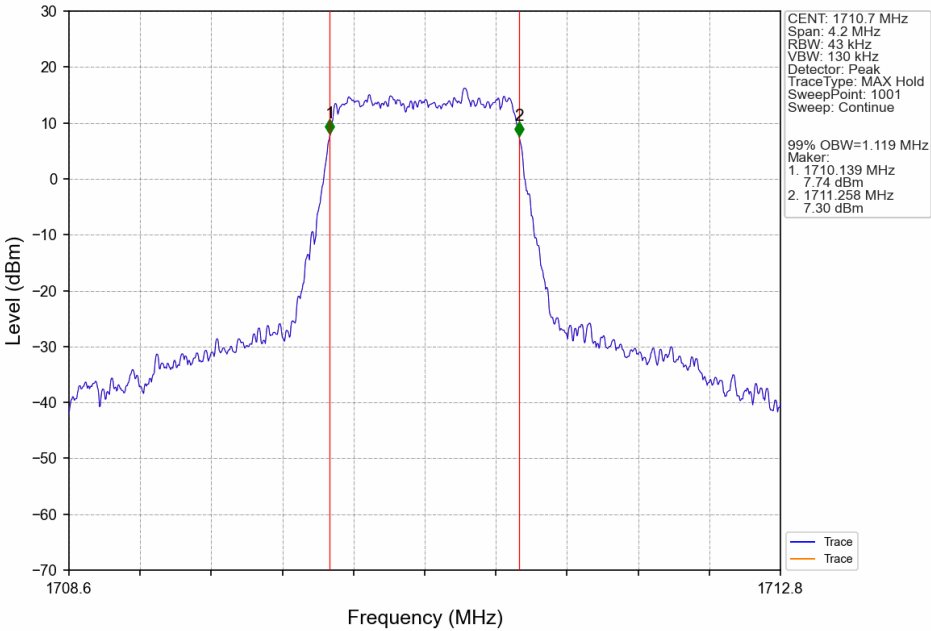
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6 0 NTNV



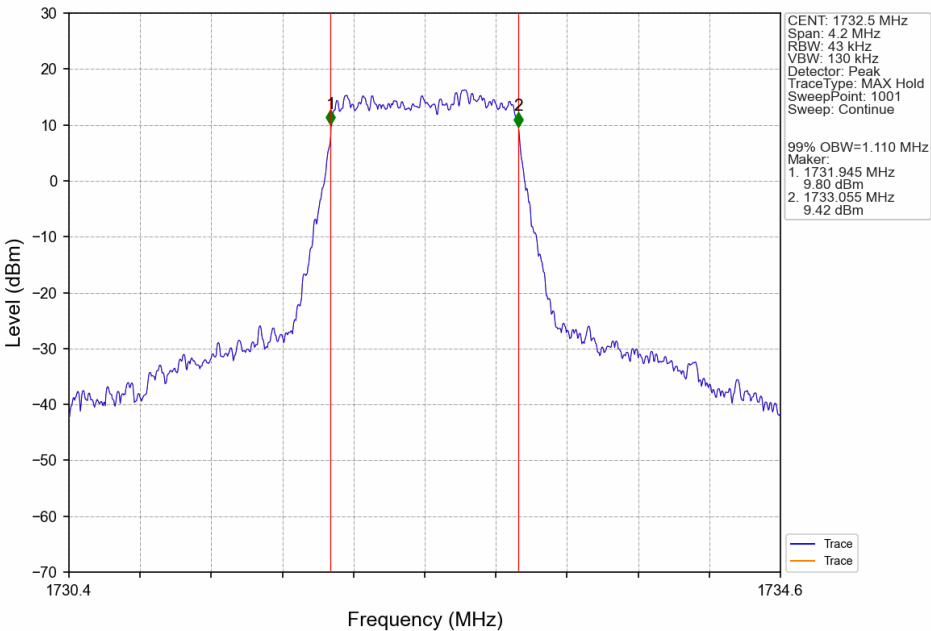
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV



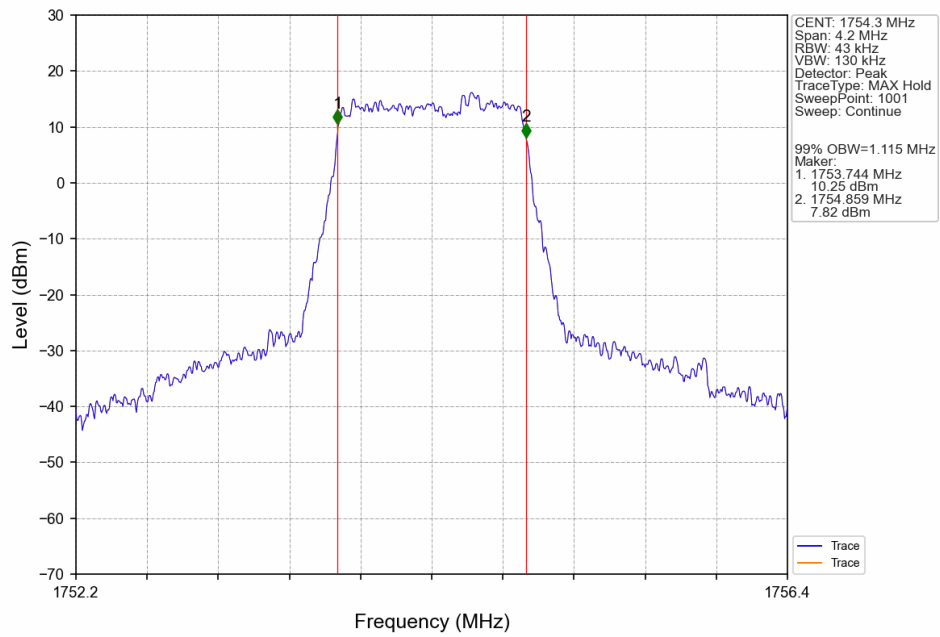
Band4 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



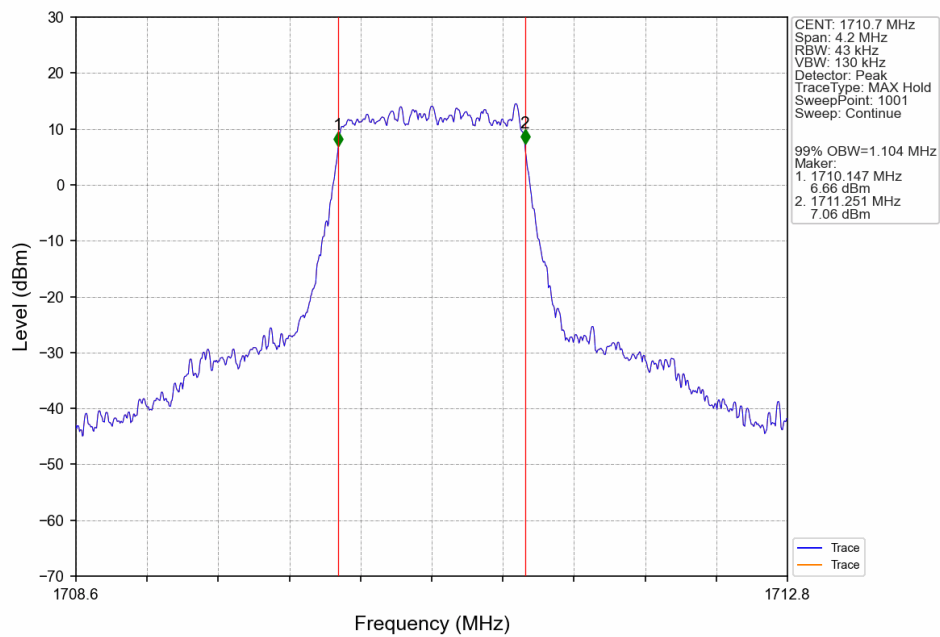
Band4 1.4MHz 64QAM MCH 1732.5MHz RB 6 0 NTNV



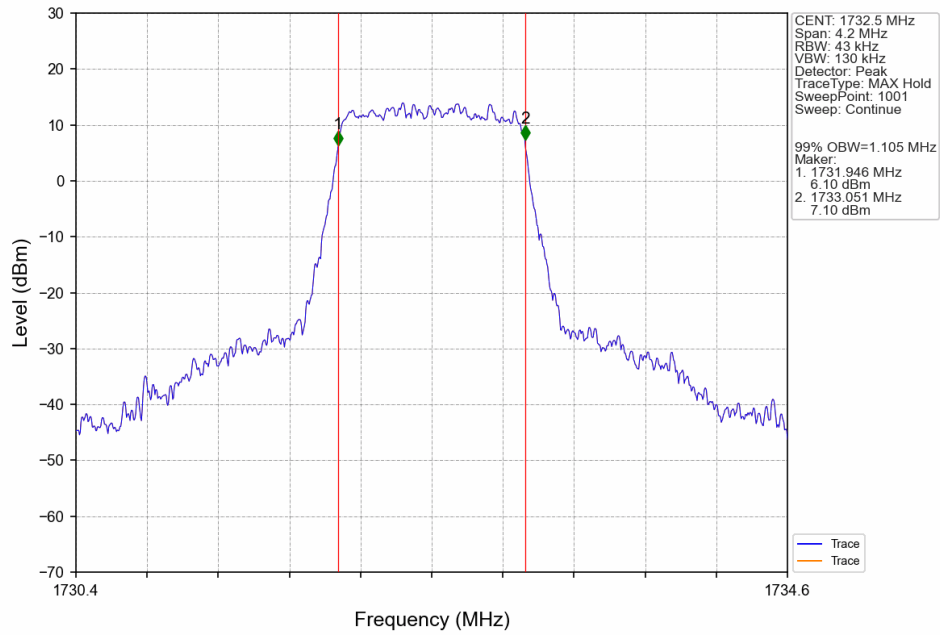
Band4 1.4MHz 64QAM HCH 1754.3MHz RB 6 0 NTNV



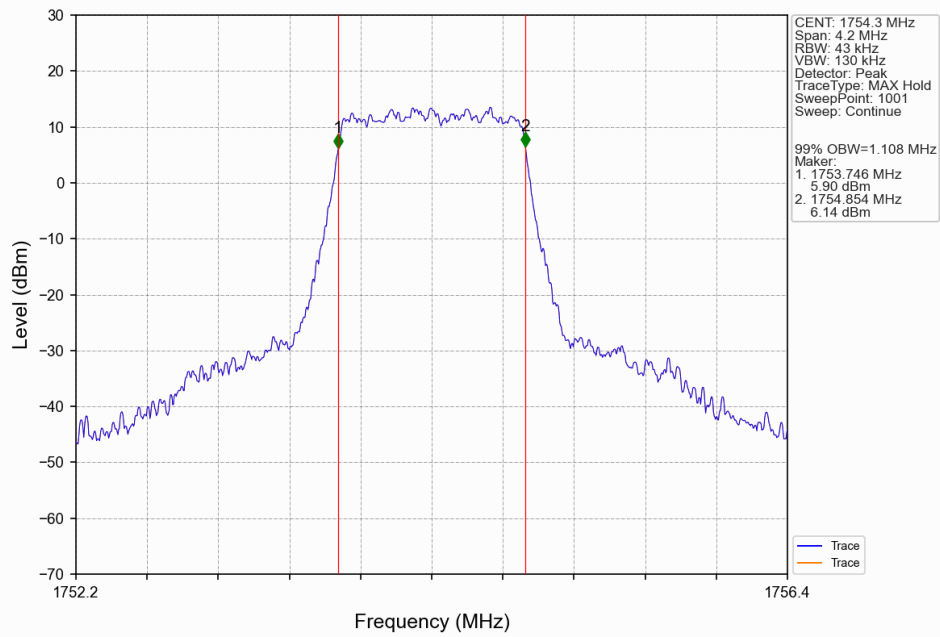
Band4 1.4MHz 256QAM LCH 1710.7MHz RB 6 0 NTNV



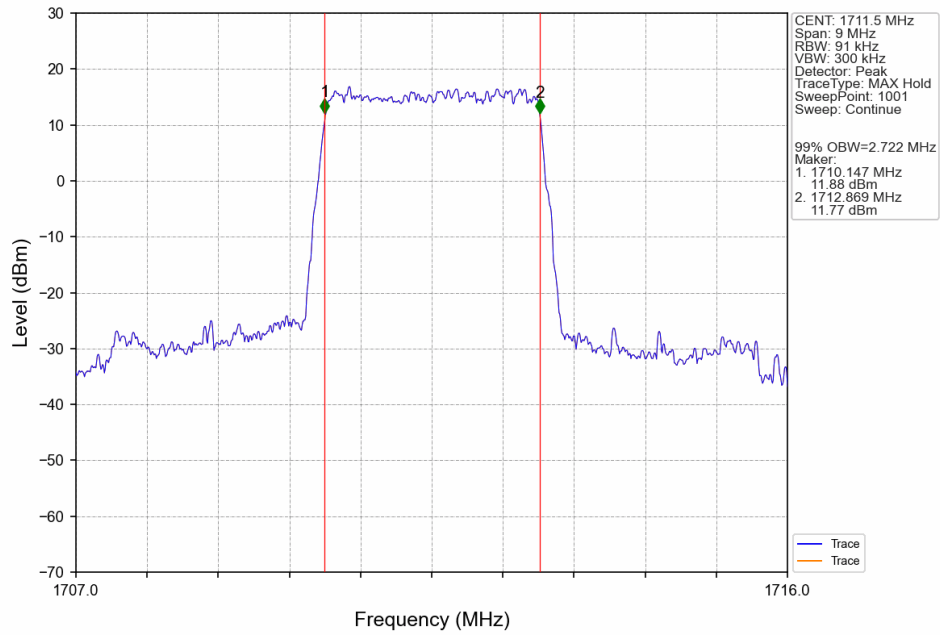
Band4 1.4MHz 256QAM MCH 1732.5MHz RB 6 0 NTNV



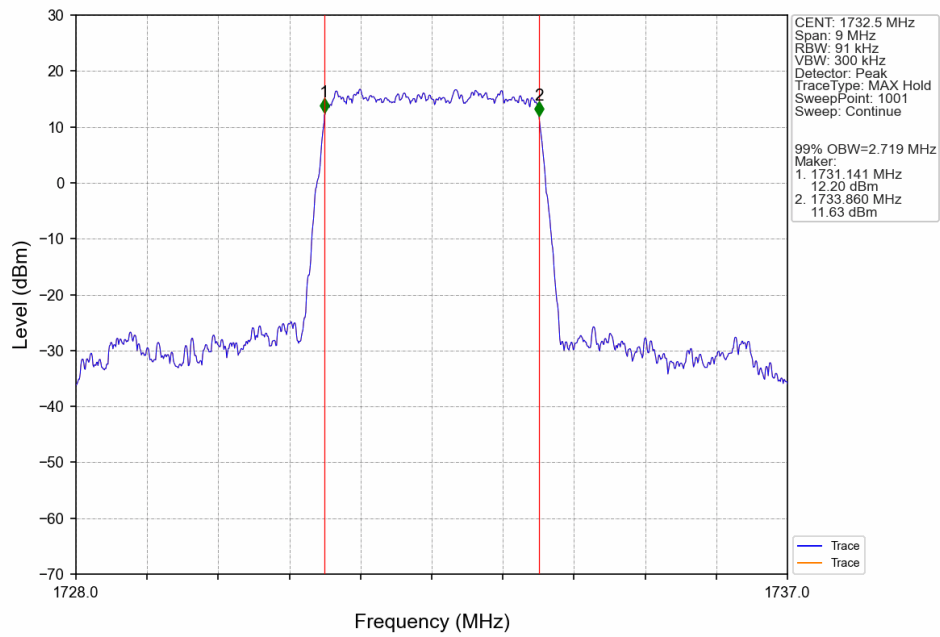
Band4 1.4MHz 256QAM HCH 1754.3MHz RB 6 0 NTNV



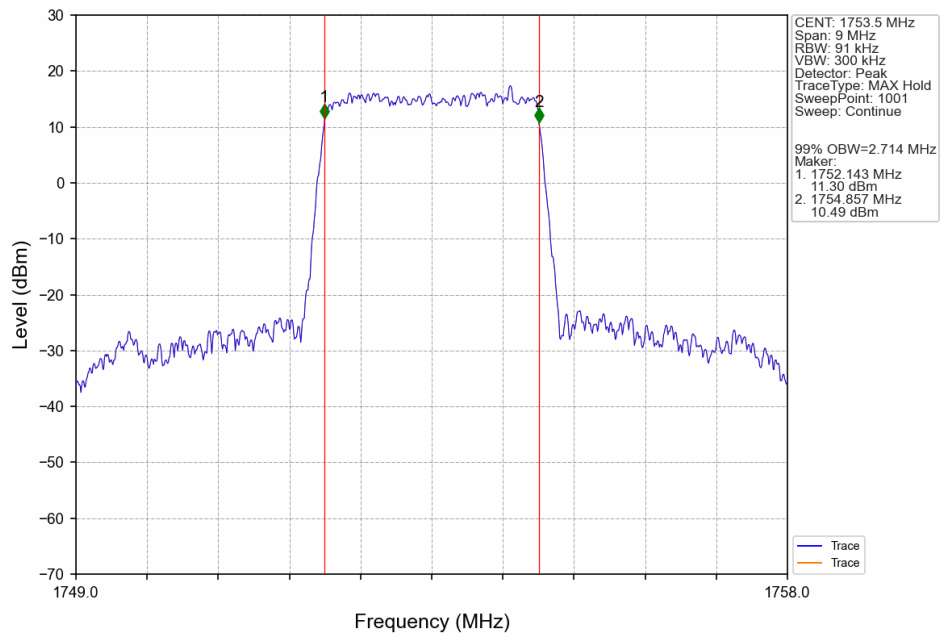
Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



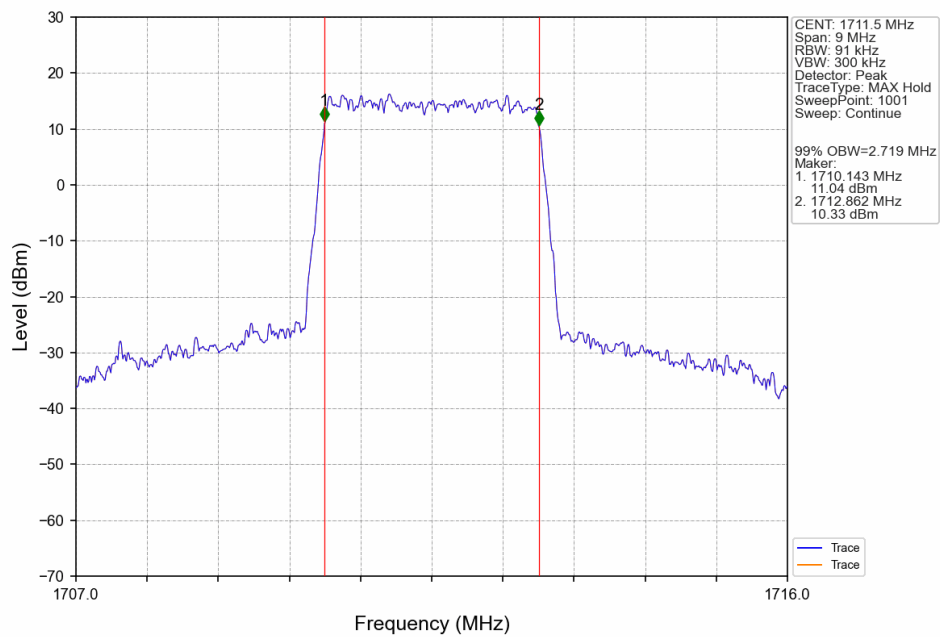
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



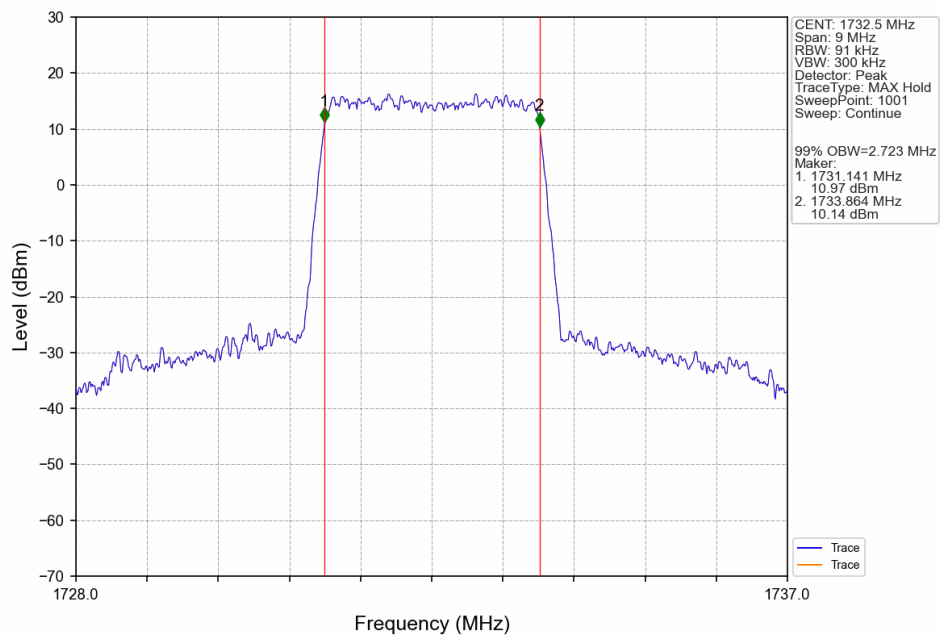
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



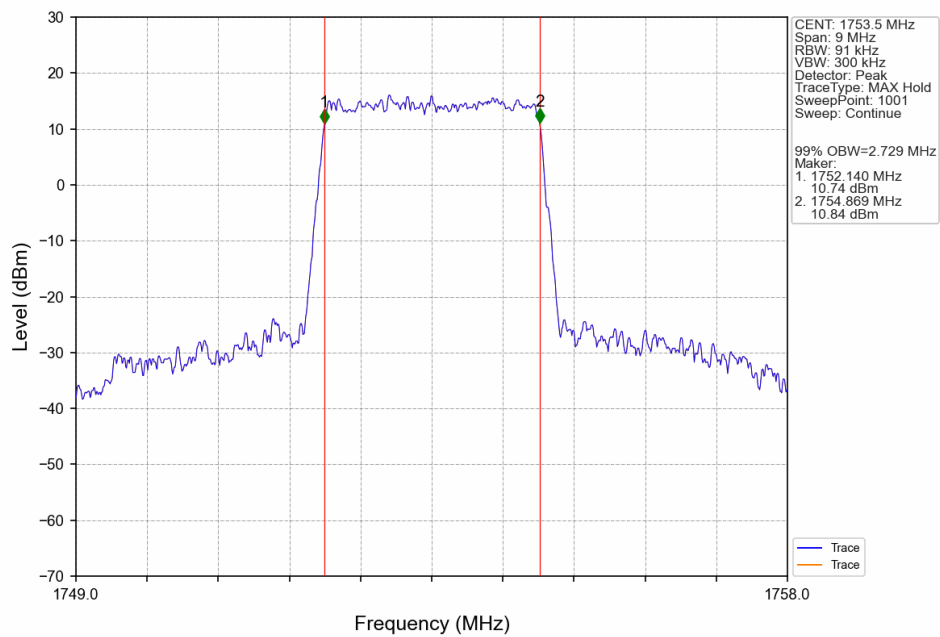
Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



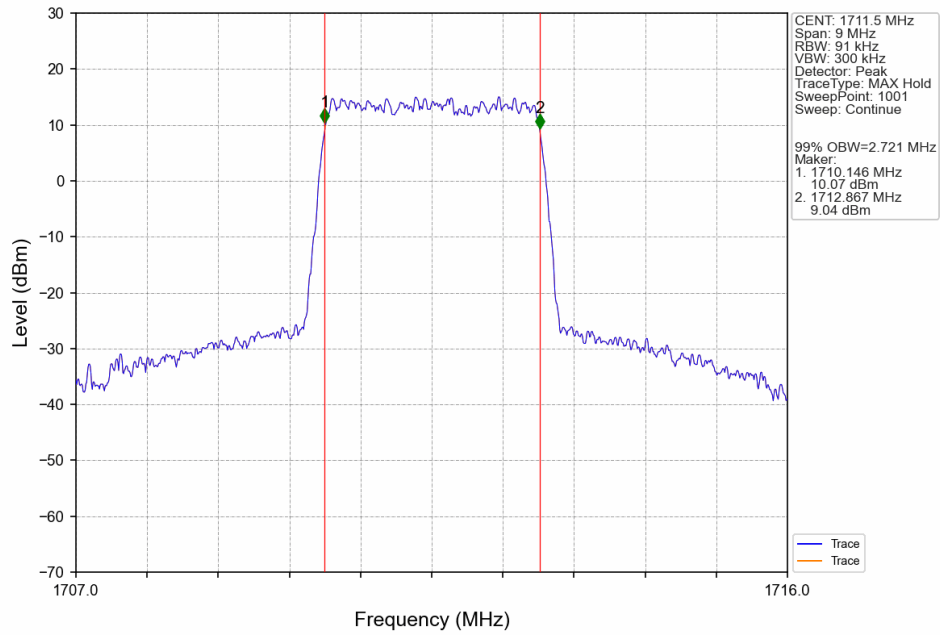
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV



Band4 3MHz 64QAM LCH 1711.5MHz RB 15 0 NTNV



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

