

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
	15	0	21.24	-2.60	18.64	<=30	Pass	
	1753.5	1	0	22.28	-2.60	19.68	<=30	Pass

16QAM	1711.5	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				
		15	1	4	21.14	-2.60	18.54	<=30	Pass			
				7	21.19	-2.60	18.59	<=30	Pass			
				0	21.22	-2.60	18.62	<=30	Pass			
		64QAM	1732.5	8	0	21.70	-2.60	19.10	<=30	Pass		
					7	21.46	-2.60	18.86	<=30	Pass		
					14	21.64	-2.60	19.04	<=30	Pass		
				15	1	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	
				256QAM	1753.5	8	0	20.36	-2.60	17.76	<=30	Pass
							7	21.46	-2.60	18.86	<=30	Pass
							14	21.32	-2.60	18.72	<=30	Pass
15	1					0	21.53	-2.60	18.93	<=30	Pass	
						7	20.30	-2.60	17.70	<=30	Pass	
						4	20.26	-2.60	17.66	<=30	Pass	
64QAM	1711.5					8	7	20.29	-2.60	17.69	<=30	Pass
							0	20.21	-2.60	17.61	<=30	Pass
							14	21.37	-2.60	18.77	<=30	Pass
		15	1			7	21.51	-2.60	18.91	<=30	Pass	
						0	20.21	-2.60	17.61	<=30	Pass	
						14	21.34	-2.60	18.74	<=30	Pass	
		256QAM	1732.5			8	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
				15	1	0	20.20	-2.60	17.60	<=30	Pass	
						7	20.55	-2.60	17.95	<=30	Pass	
						14	20.56	-2.60	17.96	<=30	Pass	
				256QAM	1753.5	8	0	20.52	-2.60	17.92	<=30	Pass
							4	19.44	-2.60	16.84	<=30	Pass
							7	19.38	-2.60	16.78	<=30	Pass
15	1					0	19.36	-2.60	16.76	<=30	Pass	
						7	20.49	-2.60	17.89	<=30	Pass	
						14	20.26	-2.60	17.66	<=30	Pass	
256QAM	1711.5					8	0	19.25	-2.60	16.65	<=30	Pass
							4	19.27	-2.60	16.67	<=30	Pass
							7	19.26	-2.60	16.66	<=30	Pass
		15	1			0	19.25	-2.60	16.65	<=30	Pass	
						7	20.29	-2.60	17.69	<=30	Pass	
						14	20.27	-2.60	17.67	<=30	Pass	
		256QAM	1732.5			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	1	0	19.22	-2.60	16.62	<=30	Pass	
						7	17.38	-2.60	14.78	<=30	Pass	
						14	17.36	-2.60	14.76	<=30	Pass	
				256QAM	1753.5	8	0	17.35	-2.60	14.75	<=30	Pass
							4	17.36	-2.60	14.76	<=30	Pass
							7	17.31	-2.60	14.71	<=30	Pass
15	1					0	17.32	-2.60	14.72	<=30	Pass	
						7	17.30	-2.60	14.70	<=30	Pass	
						14	17.33	-2.60	14.73	<=30	Pass	
15	8					0	17.34	-2.60	14.74	<=30	Pass	
						7	17.19	-2.60	14.59	<=30	Pass	
						14	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 / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1712.5	1	0	22.40	-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		

64QAM	1712.5	25	13	20.16	-2.60	17.56	<=30	Pass	
			0	20.21	-2.60	17.61	<=30	Pass	
			0	20.57	-2.60	17.97	<=30	Pass	
		1	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	25	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	
		1	0	19.31	-2.60	16.71	<=30	Pass	
			6	19.28	-2.60	16.68	<=30	Pass	
			13	19.27	-2.60	16.67	<=30	Pass	
		12	0	19.28	-2.60	16.68	<=30	Pass	
			0	20.43	-2.60	17.83	<=30	Pass	
			13	20.18	-2.60	17.58	<=30	Pass	
	1752.5	25	24	19.77	-2.60	17.17	<=30	Pass	
			0	19.31	-2.60	16.71	<=30	Pass	
			6	19.20	-2.60	16.60	<=30	Pass	
		1	13	19.23	-2.60	16.63	<=30	Pass	
			0	19.23	-2.60	16.63	<=30	Pass	
			0	17.51	-2.60	14.91	<=30	Pass	
		256QAM	1712.5	1	13	17.42	-2.60	14.82	<=30
24					17.50	-2.60	14.90	<=30	Pass
0					17.39	-2.60	14.79	<=30	Pass
12	6			17.41	-2.60	14.81	<=30	Pass	
	13			17.41	-2.60	14.81	<=30	Pass	
	0			17.40	-2.60	14.80	<=30	Pass	
1732.5	25			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
	1	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		
	12	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		
1752.5	25	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		
	1	13	17.25	-2.60	14.65	<=30	Pass		
		0	17.22	-2.60	14.62	<=30	Pass		
		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 / NTV								
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		
		0		21.33	-2.60	18.73	<=30	Pass		
		25	13	21.33	-2.60	18.73	<=30	Pass		
			25	21.26	-2.60	18.66	<=30	Pass		
			0	21.27	-2.60	18.67	<=30	Pass		
		1750	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		

	1732.5	25	49	17.61	-2.60	15.01	<=30	Pass
			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
	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 / NTN									
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	
		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		
	1747.5	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
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 / NTN										
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		

	1745	100	50	19.21	-2.60	16.61	<=30	Pass		
			0	19.27	-2.60	16.67	<=30	Pass		
		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	Pass	
				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								

	1732.5	6	0	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	
				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
	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
					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
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
3.91	-3.100	-0.0018	-2.5 to 2.5						Pass			
4.50	-1.800	-0.0011	-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			
					-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
								-30	3.91	-3.800	-0.0022	-2.5 to 2.5
-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			
					-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	-1.500					-0.0009	-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			
	50	3.91	-8.600	-0.0050	-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			
	50	3.91	-3.300	-0.0019	-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				

16QAM	1712.5	25	0	50	3.91	-7.300	-0.0042	-2.5 to 2.5	Pass
				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	Pass
				-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	-0.0072	-2.5 to 2.5	Pass
					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	Pass
				-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	-0.0067	-2.5 to 2.5	Pass
					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	Pass	
-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	0.300	0.0002	-2.5 to 2.5	Pass
					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	Pass
				-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	-0.0010	-2.5 to 2.5	Pass
					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	Pass
				-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	0.0071	-2.5 to 2.5	Pass
					3.91	8.700	0.0050	-2.5 to 2.5	Pass
					4.50	8.400	0.0048	-2.5 to 2.5	Pass

				-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				
256QAM	1712.5	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			
		1732.5	25	0	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

	1732.5	50	0	50	3.91	-2.700	-0.0016	-2.5 to 2.5	Pass
				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	Pass
				-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
	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
	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
				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

	16QAM	1732.5	75	0	13.549	/	Pass
		1747.5	75	0	13.637	/	Pass
		1717.5	75	0	13.577	/	Pass
	64QAM	1732.5	75	0	13.552	/	Pass
		1747.5	75	0	13.623	/	Pass
		1717.5	75	0	13.556	/	Pass
	256QAM	1732.5	75	0	13.520	/	Pass
		1747.5	75	0	13.574	/	Pass
		1717.5	75	0	13.577	/	Pass
20	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

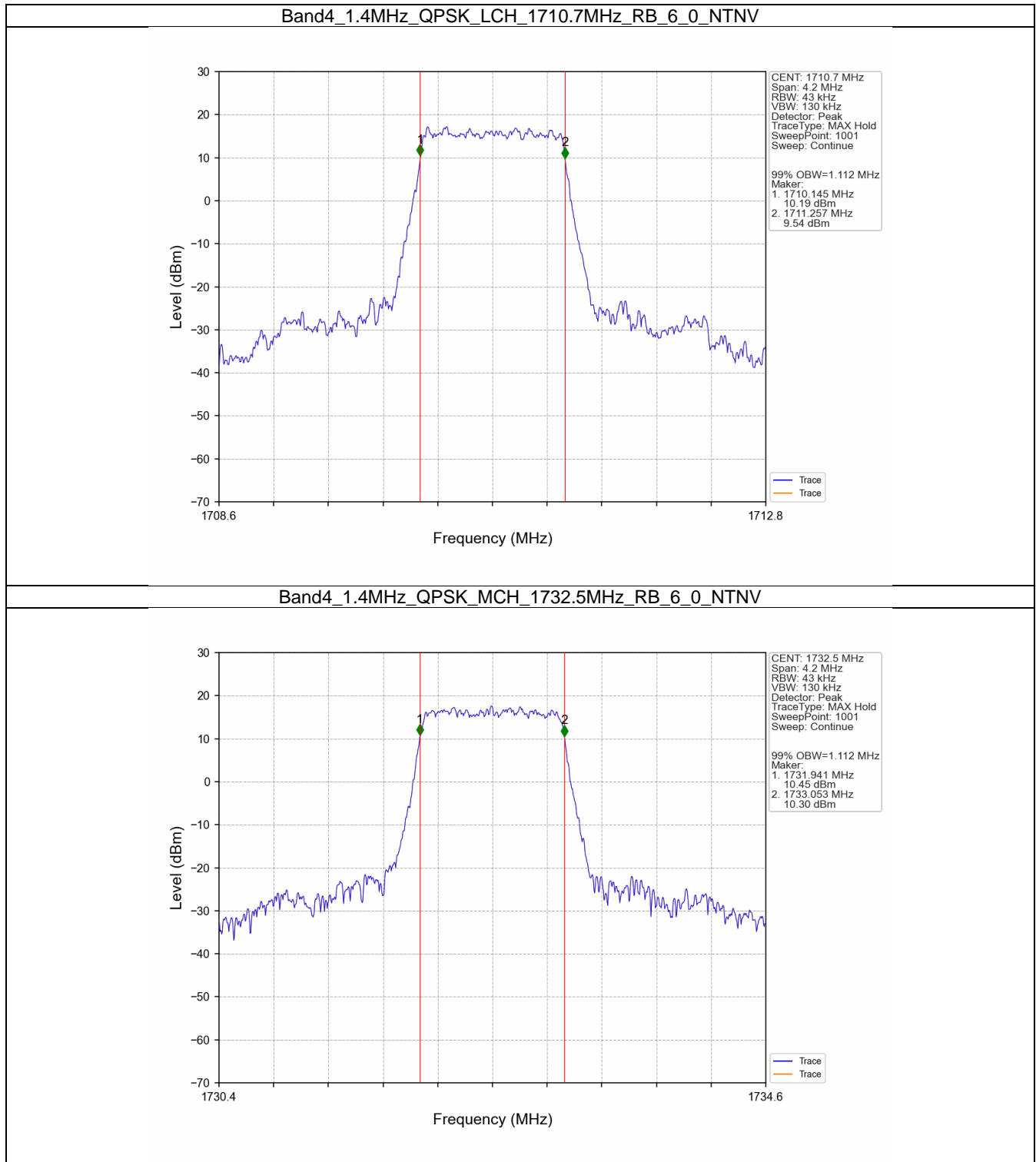
3.1.2 Band4_XDB

Band: 4 / NTNV							
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

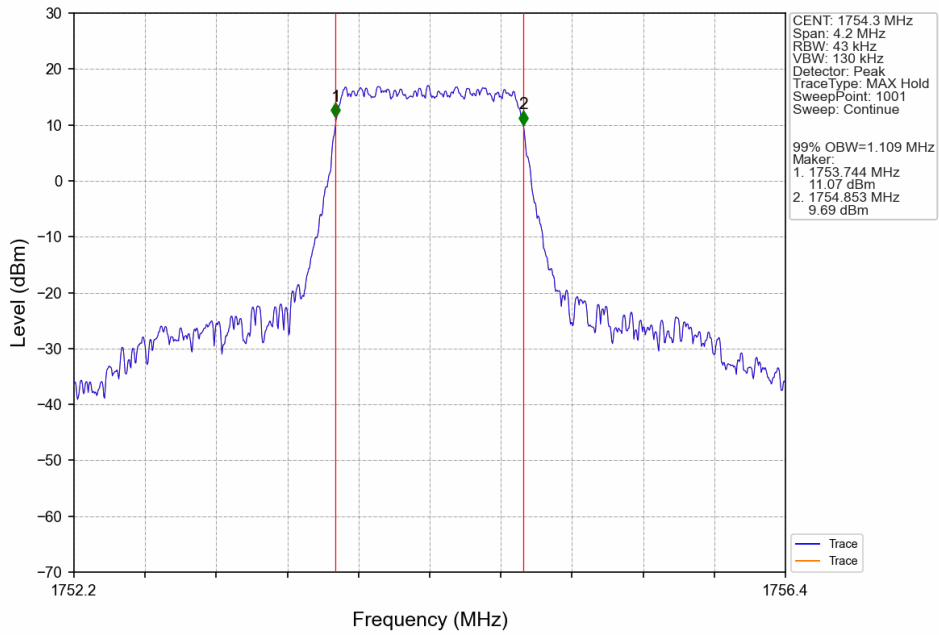
	64QAM	1732.5	25	0	5.030	/	Pass
		1752.5	25	0	5.016	/	Pass
		1712.5	25	0	5.052	/	Pass
		1732.5	25	0	5.019	/	Pass
		1752.5	25	0	5.004	/	Pass
		1712.5	25	0	4.980	/	Pass
	256QAM	1732.5	25	0	5.018	/	Pass
		1752.5	25	0	5.012	/	Pass
10	QPSK	1715	50	0	9.929	/	Pass
		1732.5	50	0	9.914	/	Pass
		1750	50	0	9.906	/	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

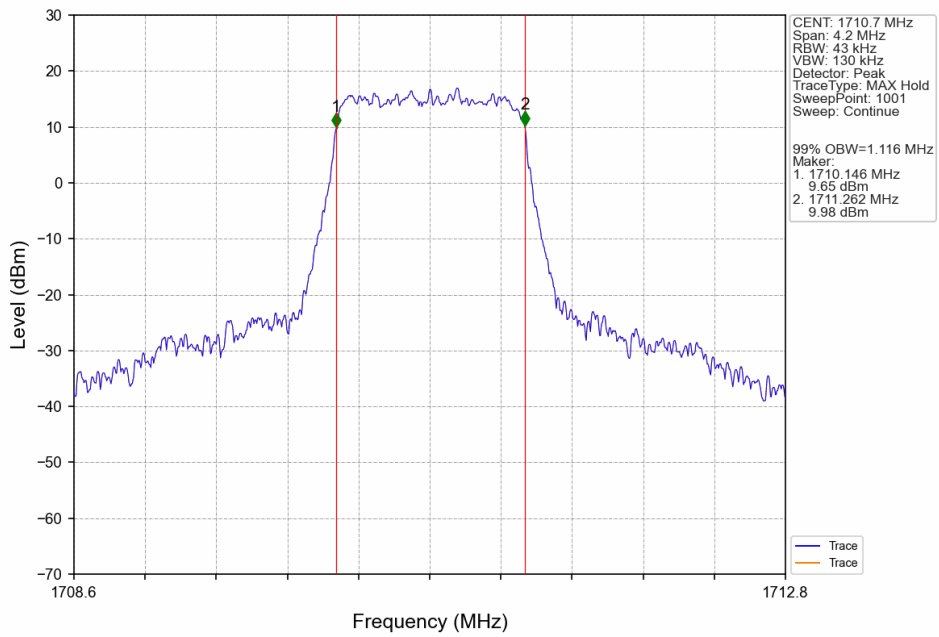
3.2.1 Band4_OBW



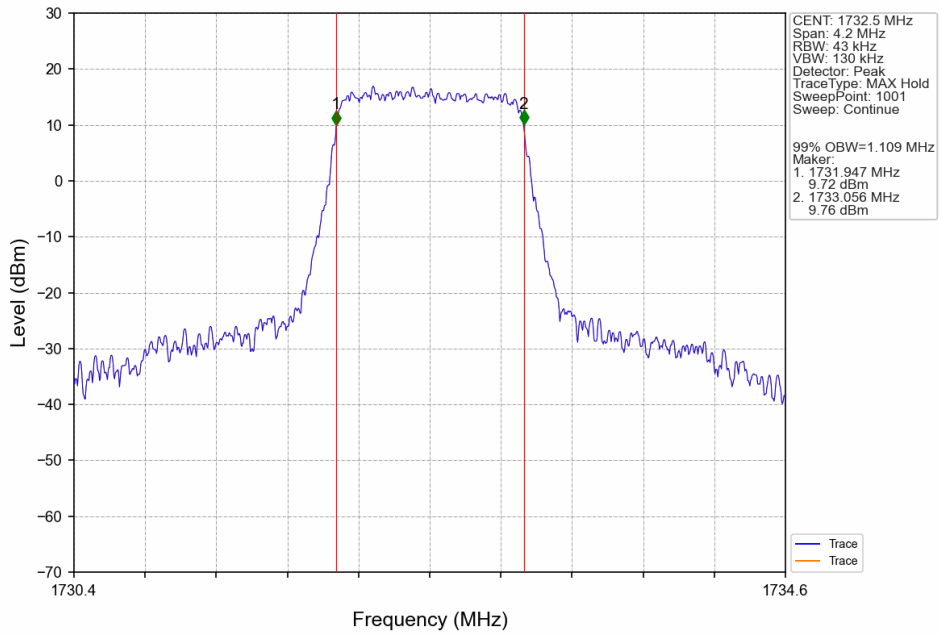
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



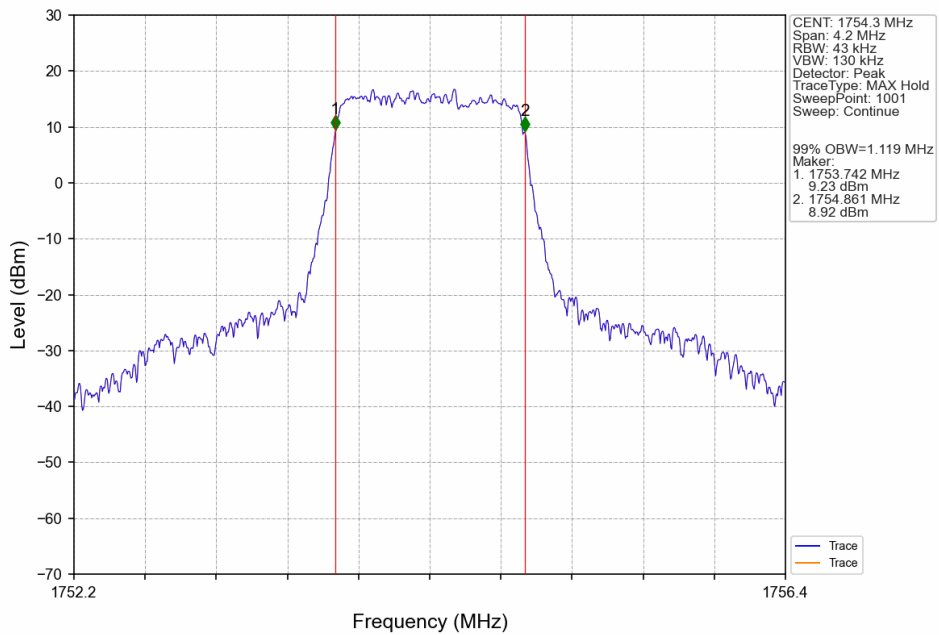
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



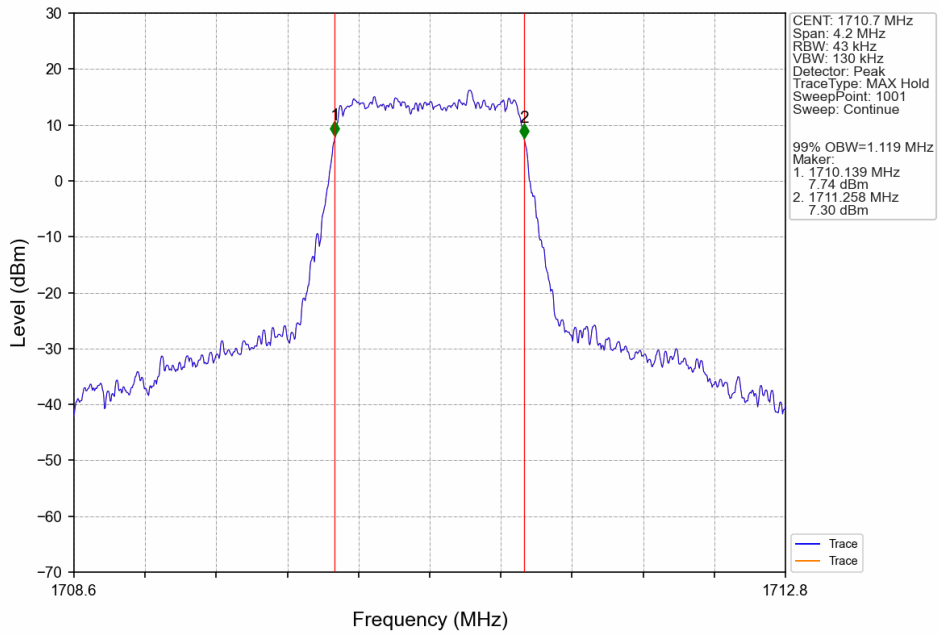
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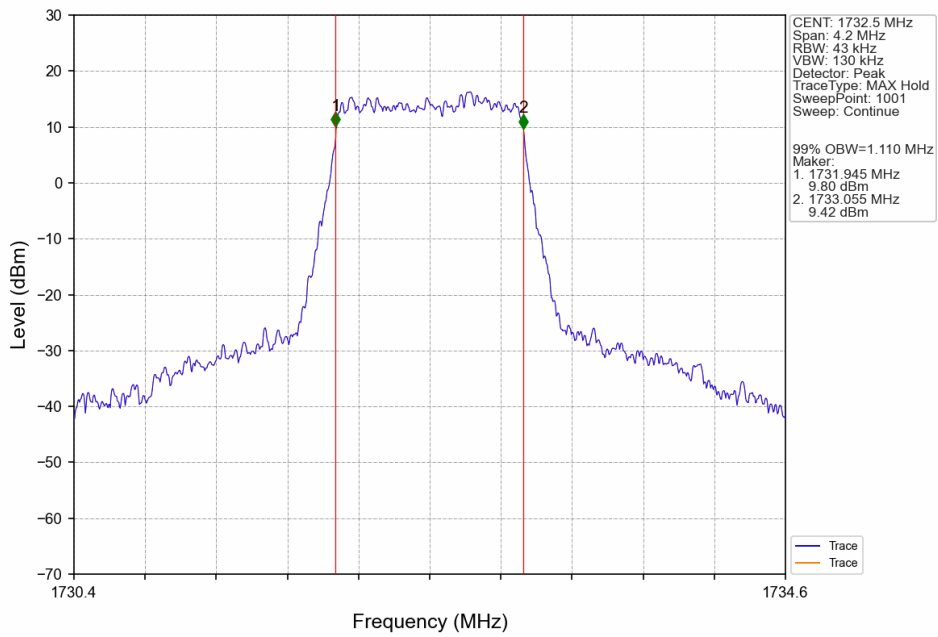
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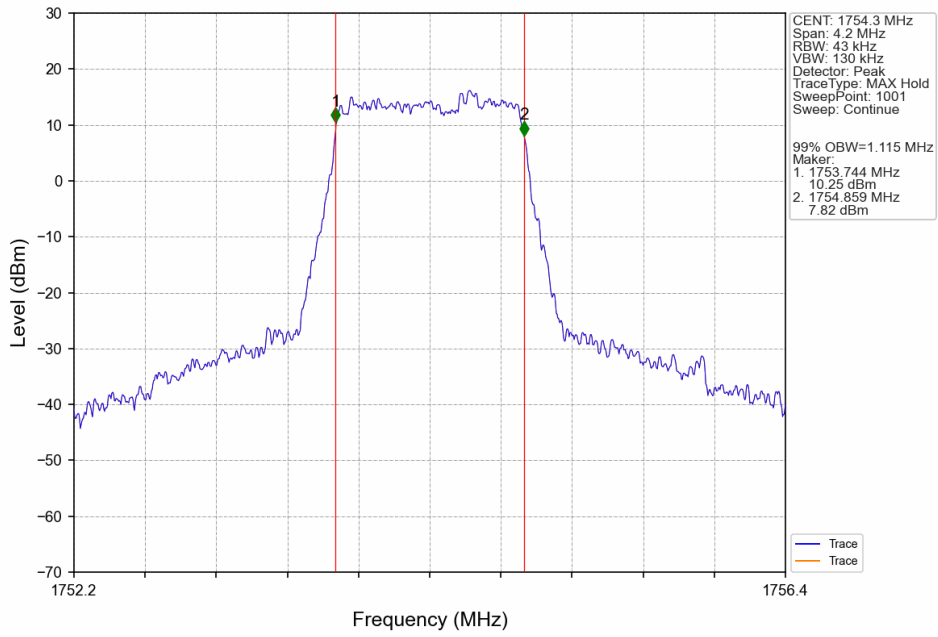
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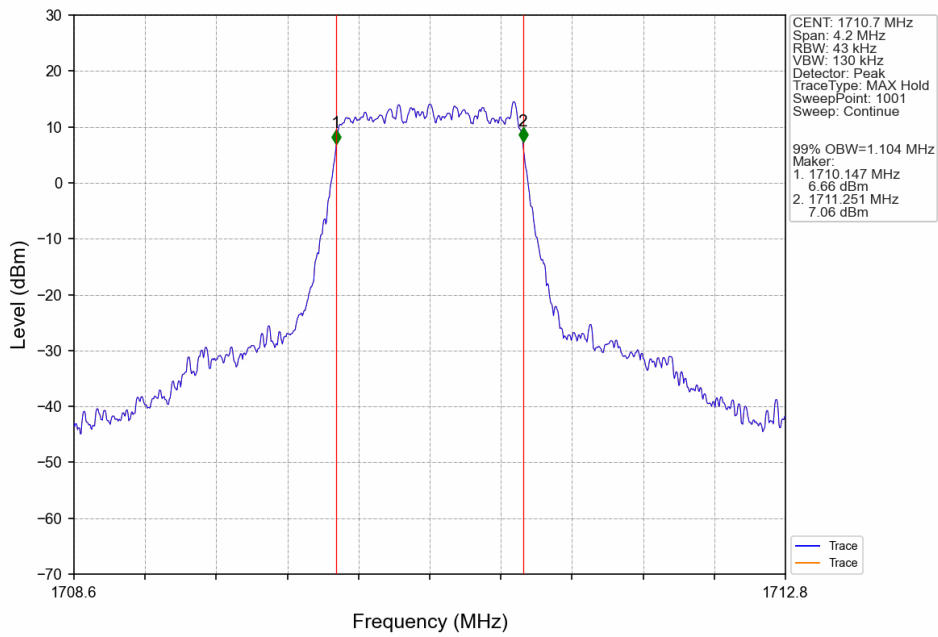
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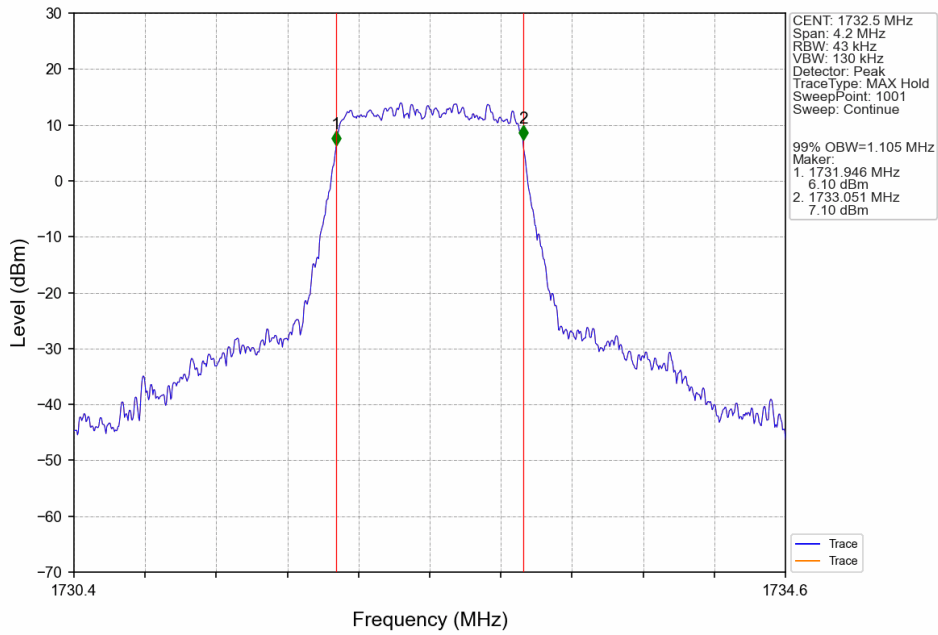
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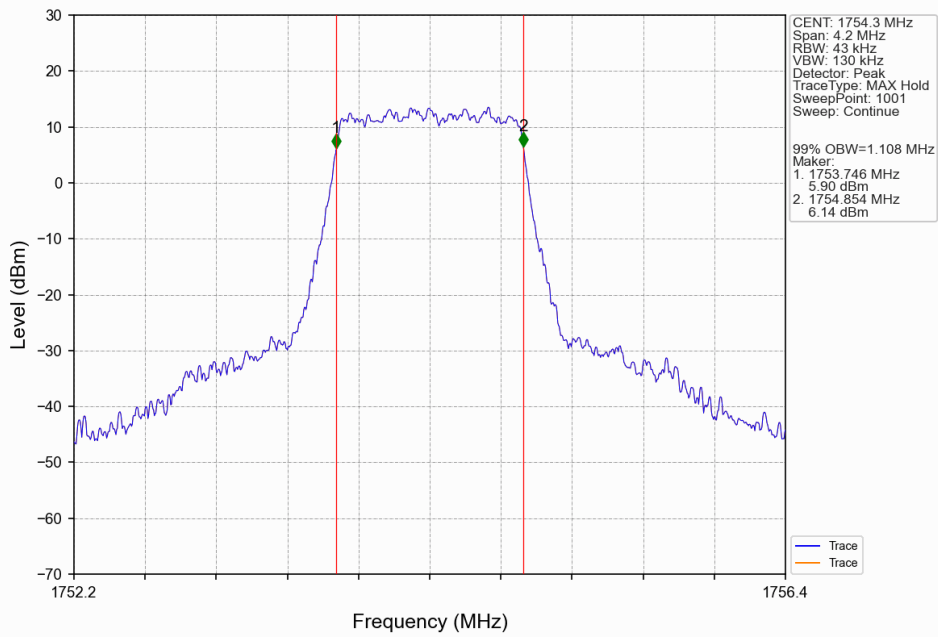
Band4_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV



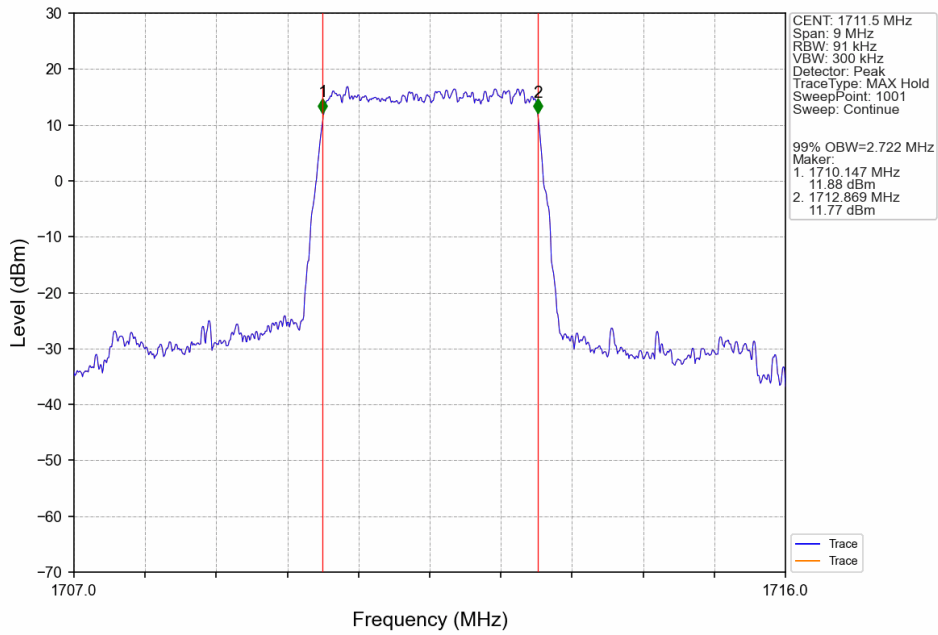
Band4_1.4MHz_256QAM_MCH_1732.5MHz_RB_6_0_NTNV



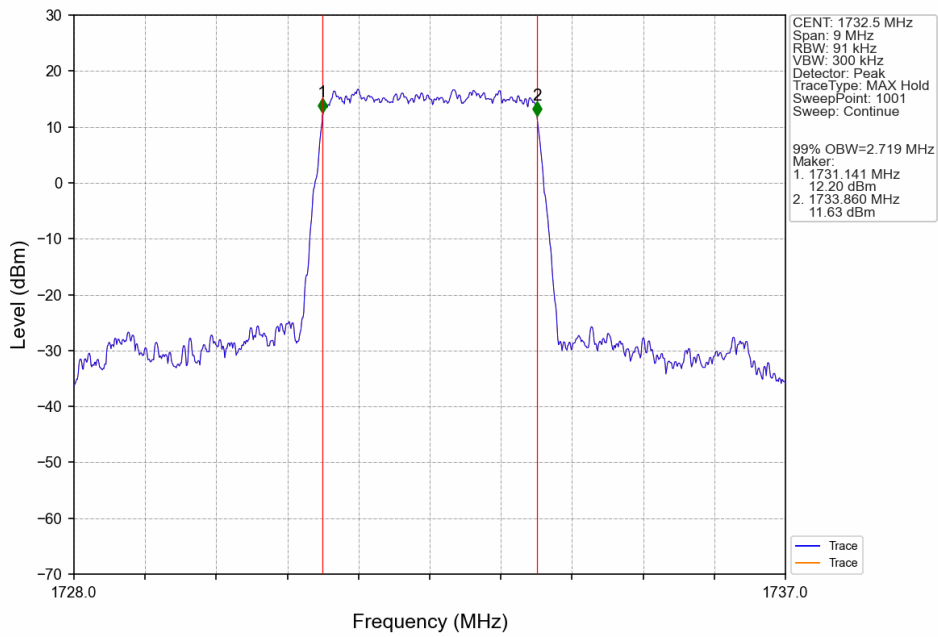
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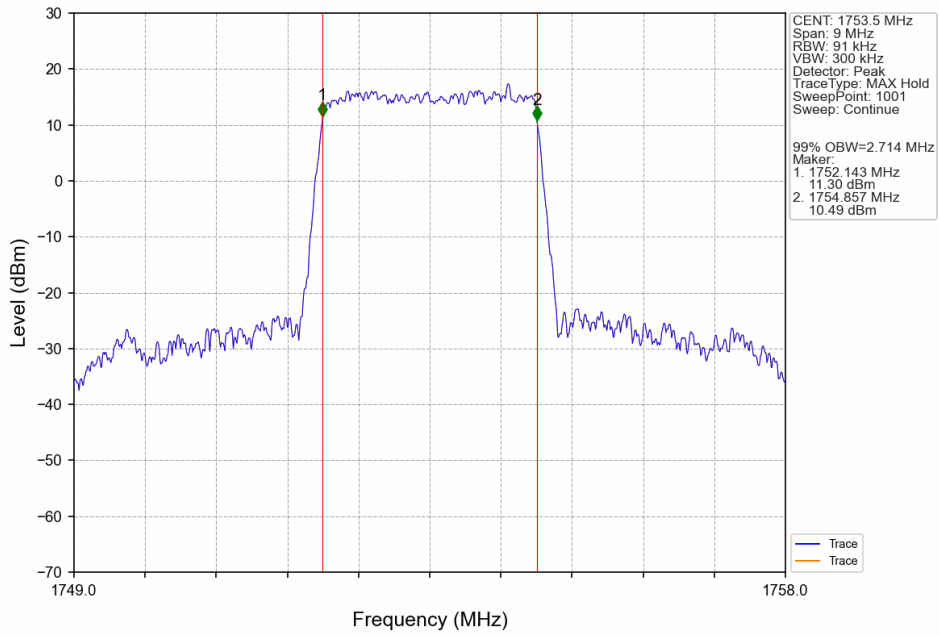
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



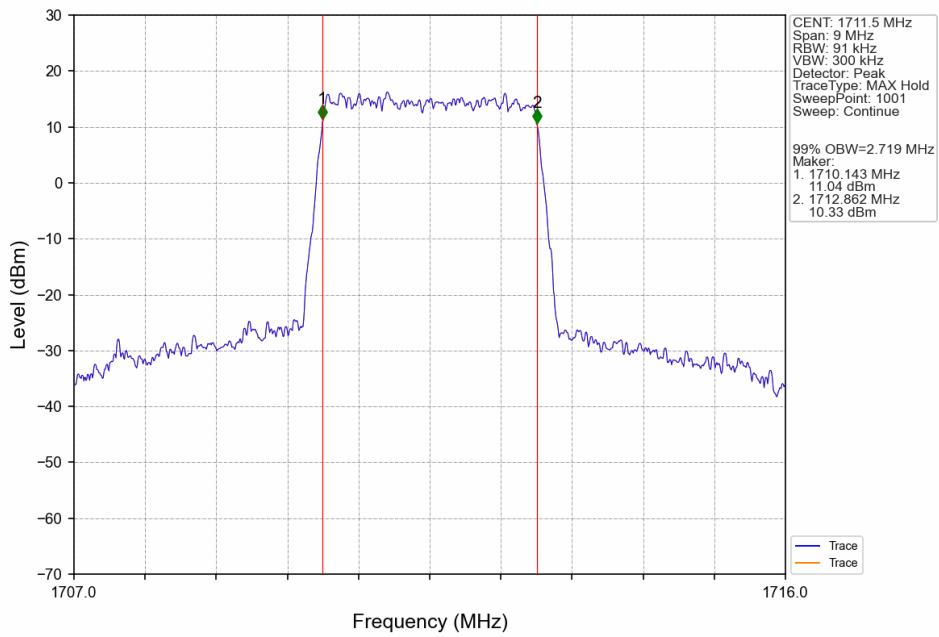
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



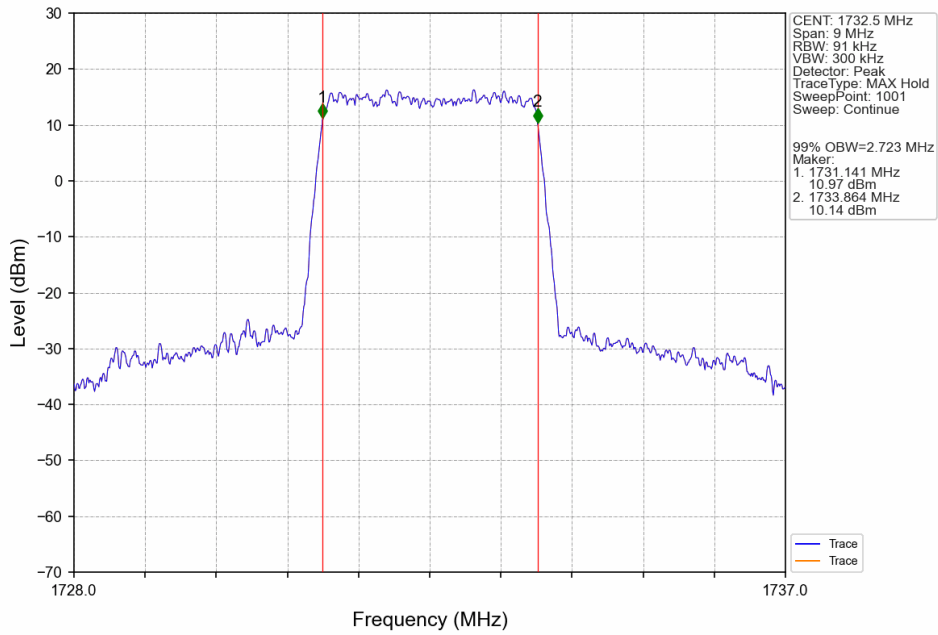
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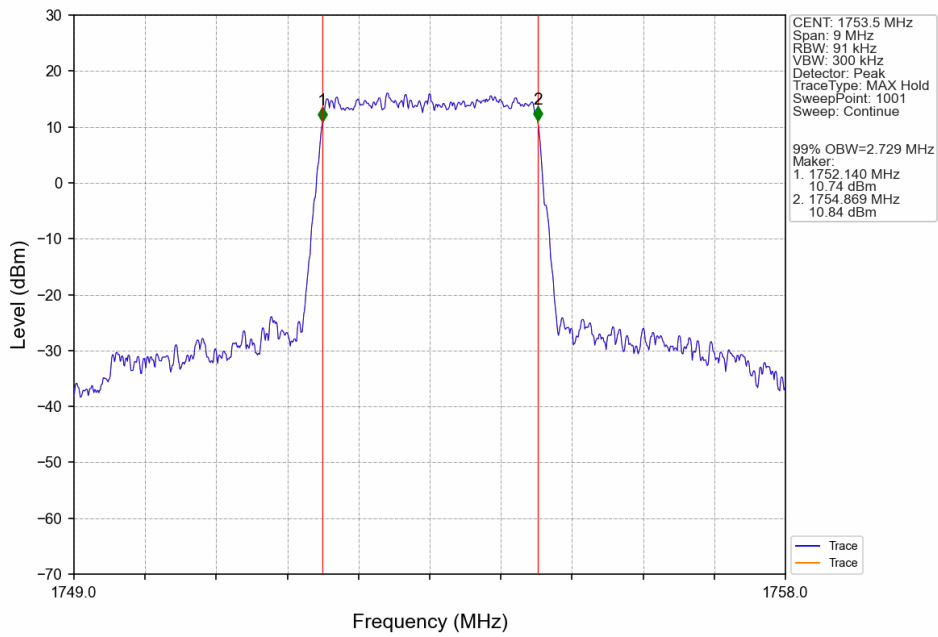
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



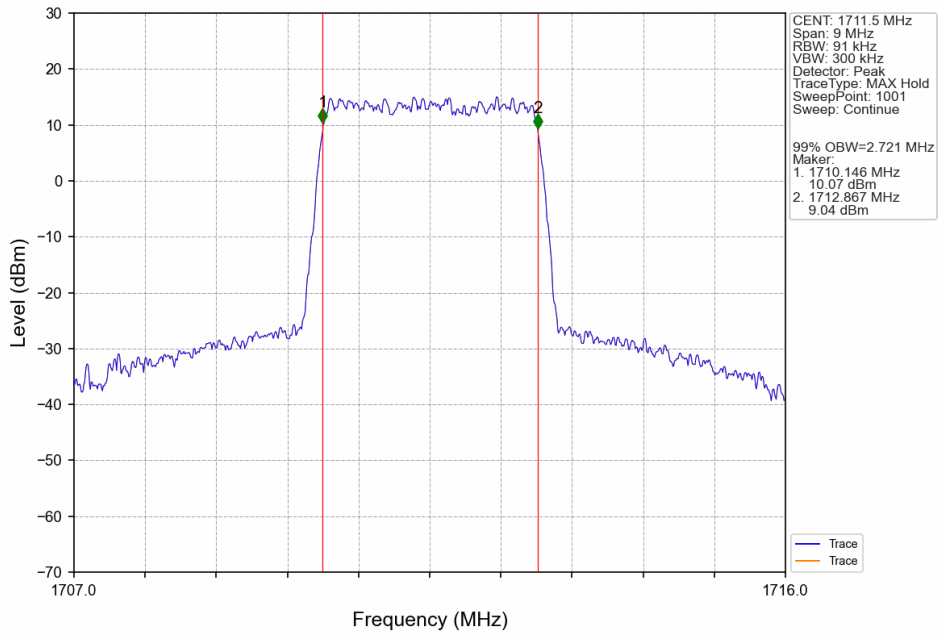
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



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

