

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	22.64	-1.80	20.84	<=30	Pass
			2	23.01	-1.80	21.21	<=30	Pass
			5	22.98	-1.80	21.18	<=30	Pass
		3	0	23.08	-1.80	21.28	<=30	Pass
			2	22.89	-1.80	21.09	<=30	Pass
			3	23.01	-1.80	21.21	<=30	Pass
		6	0	21.96	-1.80	20.16	<=30	Pass
	1732.5	1	0	23.30	-1.80	21.50	<=30	Pass
			2	23.54	-1.80	21.74	<=30	Pass
			5	23.33	-1.80	21.53	<=30	Pass
		3	0	23.35	-1.80	21.55	<=30	Pass
			2	23.38	-1.80	21.58	<=30	Pass
			3	23.32	-1.80	21.52	<=30	Pass
		6	0	22.33	-1.80	20.53	<=30	Pass
	1754.3	1	0	23.55	-1.80	21.75	<=30	Pass
			2	23.56	-1.80	21.76	<=30	Pass
			5	23.38	-1.80	21.58	<=30	Pass
		3	0	23.42	-1.80	21.62	<=30	Pass
			2	23.54	-1.80	21.74	<=30	Pass
			3	23.57	-1.80	21.77	<=30	Pass
		6	0	22.52	-1.80	20.72	<=30	Pass
16QAM	1710.7	1	0	22.22	-1.80	20.42	<=30	Pass
			2	22.38	-1.80	20.58	<=30	Pass
			5	22.10	-1.80	20.30	<=30	Pass
		3	0	22.16	-1.80	20.36	<=30	Pass
			2	22.11	-1.80	20.31	<=30	Pass
			3	22.11	-1.80	20.31	<=30	Pass
		6	0	21.03	-1.80	19.23	<=30	Pass
	1732.5	1	0	22.11	-1.80	20.31	<=30	Pass
			2	22.78	-1.80	20.98	<=30	Pass
			5	22.17	-1.80	20.37	<=30	Pass
		3	0	22.47	-1.80	20.67	<=30	Pass
			2	22.39	-1.80	20.59	<=30	Pass
			3	22.35	-1.80	20.55	<=30	Pass
		6	0	21.37	-1.80	19.57	<=30	Pass
	1754.3	1	0	22.59	-1.80	20.79	<=30	Pass
			2	22.77	-1.80	20.97	<=30	Pass
			5	22.42	-1.80	20.62	<=30	Pass
		3	0	22.34	-1.80	20.54	<=30	Pass
			2	22.29	-1.80	20.49	<=30	Pass
			3	22.49	-1.80	20.69	<=30	Pass
		6	0	21.38	-1.80	19.58	<=30	Pass
64QAM	1710.7	1	0	21.75	-1.80	19.95	<=30	Pass
			2	21.98	-1.80	20.18	<=30	Pass
			5	21.73	-1.80	19.93	<=30	Pass
		3	0	21.99	-1.80	20.19	<=30	Pass

	1732.5	6	2	21.92	-1.80	20.12	<=30	Pass
			3	22.04	-1.80	20.24	<=30	Pass
		1	0	21.05	-1.80	19.25	<=30	Pass
			2	22.29	-1.80	20.49	<=30	Pass
			5	22.22	-1.80	20.42	<=30	Pass
		3	0	22.27	-1.80	20.47	<=30	Pass
			2	21.97	-1.80	20.17	<=30	Pass
			3	22.21	-1.80	20.41	<=30	Pass
	1754.3	1	3	22.19	-1.80	20.39	<=30	Pass
			0	21.20	-1.80	19.40	<=30	Pass
			2	22.39	-1.80	20.59	<=30	Pass
		3	5	22.45	-1.80	20.65	<=30	Pass
			0	22.20	-1.80	20.40	<=30	Pass
			2	22.56	-1.80	20.76	<=30	Pass
256QAM	1710.7	1	3	22.10	-1.80	20.30	<=30	Pass
			3	22.36	-1.80	20.56	<=30	Pass
			0	21.41	-1.80	19.61	<=30	Pass
		3	0	17.96	-1.80	16.16	<=30	Pass
			2	18.01	-1.80	16.21	<=30	Pass
			5	18.16	-1.80	16.36	<=30	Pass
	1732.5	1	0	17.92	-1.80	16.12	<=30	Pass
			2	17.89	-1.80	16.09	<=30	Pass
			3	17.93	-1.80	16.13	<=30	Pass
		3	0	17.97	-1.80	16.17	<=30	Pass
			2	18.11	-1.80	16.31	<=30	Pass
			5	18.34	-1.80	16.54	<=30	Pass
	1754.3	1	0	18.31	-1.80	16.51	<=30	Pass
			2	18.33	-1.80	16.53	<=30	Pass
			5	18.17	-1.80	16.37	<=30	Pass
		3	3	18.37	-1.80	16.57	<=30	Pass
			0	18.16	-1.80	16.36	<=30	Pass
			2	18.66	-1.80	16.86	<=30	Pass
	1710.7	1	5	18.54	-1.80	16.74	<=30	Pass
			0	18.57	-1.80	16.77	<=30	Pass
			2	18.55	-1.80	16.75	<=30	Pass
		3	3	18.43	-1.80	16.63	<=30	Pass
			2	18.59	-1.80	16.79	<=30	Pass
			0	18.61	-1.80	16.81	<=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	22.92	-1.80	21.12	<=30	Pass
			7	23.02	-1.80	21.22	<=30	Pass
			14	22.88	-1.80	21.08	<=30	Pass
		8	0	22.02	-1.80	20.22	<=30	Pass
			4	22.07	-1.80	20.27	<=30	Pass
			7	22.02	-1.80	20.22	<=30	Pass
	1732.5	15	0	22.00	-1.80	20.20	<=30	Pass
			0	23.27	-1.80	21.47	<=30	Pass
			7	23.47	-1.80	21.67	<=30	Pass
			14	23.43	-1.80	21.63	<=30	Pass

		8	0	22.25	-1.80	20.45	<=30	Pass
			4	22.41	-1.80	20.61	<=30	Pass
			7	22.44	-1.80	20.64	<=30	Pass
		15	0	22.37	-1.80	20.57	<=30	Pass
	1753.5	1	0	23.49	-1.80	21.69	<=30	Pass
			7	23.63	-1.80	21.83	<=30	Pass
			14	23.50	-1.80	21.70	<=30	Pass
		8	0	22.60	-1.80	20.80	<=30	Pass
			4	22.56	-1.80	20.76	<=30	Pass
			7	22.58	-1.80	20.78	<=30	Pass
		15	0	22.53	-1.80	20.73	<=30	Pass
16QAM	1711.5	1	0	21.80	-1.80	20.00	<=30	Pass
			7	21.81	-1.80	20.01	<=30	Pass
			14	21.77	-1.80	19.97	<=30	Pass
		8	0	21.08	-1.80	19.28	<=30	Pass
			4	21.17	-1.80	19.37	<=30	Pass
			7	21.13	-1.80	19.33	<=30	Pass
		15	0	21.05	-1.80	19.25	<=30	Pass
	1732.5	1	0	22.38	-1.80	20.58	<=30	Pass
			7	22.70	-1.80	20.90	<=30	Pass
			14	22.40	-1.80	20.60	<=30	Pass
		8	0	21.28	-1.80	19.48	<=30	Pass
			4	21.19	-1.80	19.39	<=30	Pass
			7	21.43	-1.80	19.63	<=30	Pass
		15	0	21.34	-1.80	19.54	<=30	Pass
	1753.5	1	0	22.61	-1.80	20.81	<=30	Pass
			7	22.25	-1.80	20.45	<=30	Pass
			14	22.68	-1.80	20.88	<=30	Pass
		8	0	21.46	-1.80	19.66	<=30	Pass
			4	21.42	-1.80	19.62	<=30	Pass
			7	21.35	-1.80	19.55	<=30	Pass
		15	0	21.61	-1.80	19.81	<=30	Pass
64QAM	1711.5	1	0	21.94	-1.80	20.14	<=30	Pass
			7	21.97	-1.80	20.17	<=30	Pass
			14	22.04	-1.80	20.24	<=30	Pass
		8	0	20.92	-1.80	19.12	<=30	Pass
			4	20.98	-1.80	19.18	<=30	Pass
			7	21.08	-1.80	19.28	<=30	Pass
		15	0	21.06	-1.80	19.26	<=30	Pass
	1732.5	1	0	22.35	-1.80	20.55	<=30	Pass
			7	22.41	-1.80	20.61	<=30	Pass
			14	22.14	-1.80	20.34	<=30	Pass
		8	0	21.33	-1.80	19.53	<=30	Pass
			4	21.32	-1.80	19.52	<=30	Pass
			7	21.40	-1.80	19.60	<=30	Pass
		15	0	21.34	-1.80	19.54	<=30	Pass
	1753.5	1	0	22.39	-1.80	20.59	<=30	Pass
			7	22.46	-1.80	20.66	<=30	Pass
			14	22.61	-1.80	20.81	<=30	Pass
		8	0	21.47	-1.80	19.67	<=30	Pass
			4	21.49	-1.80	19.69	<=30	Pass
			7	21.62	-1.80	19.82	<=30	Pass
		15	0	21.47	-1.80	19.67	<=30	Pass
256QAM	1711.5	1	0	17.75	-1.80	15.95	<=30	Pass
			7	18.06	-1.80	16.26	<=30	Pass
			14	18.22	-1.80	16.42	<=30	Pass
		8	0	18.05	-1.80	16.25	<=30	Pass

		15	4	18.07	-1.80	16.27	<=30	Pass
			7	17.96	-1.80	16.16	<=30	Pass
			0	17.96	-1.80	16.16	<=30	Pass
	1732.5	1	0	17.78	-1.80	15.98	<=30	Pass
			7	18.28	-1.80	16.48	<=30	Pass
			14	18.55	-1.80	16.75	<=30	Pass
		8	0	17.92	-1.80	16.12	<=30	Pass
			4	18.30	-1.80	16.50	<=30	Pass
			7	18.53	-1.80	16.73	<=30	Pass
		15	0	18.35	-1.80	16.55	<=30	Pass
	1753.5	1	0	18.45	-1.80	16.65	<=30	Pass
			7	18.59	-1.80	16.79	<=30	Pass
			14	18.32	-1.80	16.52	<=30	Pass
		8	0	18.54	-1.80	16.74	<=30	Pass
			4	18.47	-1.80	16.67	<=30	Pass
			7	18.54	-1.80	16.74	<=30	Pass
		15	0	18.58	-1.80	16.78	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.00	-1.80	21.20	<=30	Pass
			13	23.11	-1.80	21.31	<=30	Pass
			24	23.05	-1.80	21.25	<=30	Pass
		12	0	21.97	-1.80	20.17	<=30	Pass
			6	22.07	-1.80	20.27	<=30	Pass
			13	22.06	-1.80	20.26	<=30	Pass
		25	0	21.99	-1.80	20.19	<=30	Pass
	1732.5	1	0	23.31	-1.80	21.51	<=30	Pass
			13	23.57	-1.80	21.77	<=30	Pass
			24	23.28	-1.80	21.48	<=30	Pass
		12	0	22.36	-1.80	20.56	<=30	Pass
			6	22.42	-1.80	20.62	<=30	Pass
			13	22.42	-1.80	20.62	<=30	Pass
		25	0	22.33	-1.80	20.53	<=30	Pass
	1752.5	1	0	23.24	-1.80	21.44	<=30	Pass
			13	23.61	-1.80	21.81	<=30	Pass
			24	23.53	-1.80	21.73	<=30	Pass
		12	0	22.40	-1.80	20.60	<=30	Pass
			6	22.53	-1.80	20.73	<=30	Pass
			13	22.25	-1.80	20.45	<=30	Pass
		25	0	22.62	-1.80	20.82	<=30	Pass
16QAM	1712.5	1	0	22.15	-1.80	20.35	<=30	Pass
			13	22.29	-1.80	20.49	<=30	Pass
			24	22.09	-1.80	20.29	<=30	Pass
		12	0	21.04	-1.80	19.24	<=30	Pass
			6	21.16	-1.80	19.36	<=30	Pass
			13	21.11	-1.80	19.31	<=30	Pass
		25	0	21.06	-1.80	19.26	<=30	Pass
	1732.5	1	0	22.14	-1.80	20.34	<=30	Pass
			13	23.02	-1.80	21.22	<=30	Pass
			24	22.44	-1.80	20.64	<=30	Pass

		12	0	21.20	-1.80	19.40	<=30	Pass		
			6	21.51	-1.80	19.71	<=30	Pass		
			13	21.42	-1.80	19.62	<=30	Pass		
		25	0	21.31	-1.80	19.51	<=30	Pass		
			1752.5	1	0	22.75	-1.80	20.95	<=30	Pass
					13	22.95	-1.80	21.15	<=30	Pass
		24			22.45	-1.80	20.65	<=30	Pass	
	12	0		21.52	-1.80	19.72	<=30	Pass		
		6		21.36	-1.80	19.56	<=30	Pass		
		13		21.59	-1.80	19.79	<=30	Pass		
	25	0	21.50	-1.80	19.70	<=30	Pass			
	64QAM	1712.5	1	0	21.75	-1.80	19.95	<=30	Pass	
				13	21.89	-1.80	20.09	<=30	Pass	
				24	22.10	-1.80	20.30	<=30	Pass	
12			0	21.02	-1.80	19.22	<=30	Pass		
			6	21.11	-1.80	19.31	<=30	Pass		
			13	21.09	-1.80	19.29	<=30	Pass		
25			0	21.05	-1.80	19.25	<=30	Pass		
1732.5			1	0	22.14	-1.80	20.34	<=30	Pass	
				13	22.12	-1.80	20.32	<=30	Pass	
				24	21.85	-1.80	20.05	<=30	Pass	
		12	0	21.31	-1.80	19.51	<=30	Pass		
			6	21.41	-1.80	19.61	<=30	Pass		
			13	21.17	-1.80	19.37	<=30	Pass		
		25	0	21.43	-1.80	19.63	<=30	Pass		
1752.5		1	0	22.56	-1.80	20.76	<=30	Pass		
			13	22.34	-1.80	20.54	<=30	Pass		
			24	22.36	-1.80	20.56	<=30	Pass		
		12	0	21.30	-1.80	19.50	<=30	Pass		
			6	21.46	-1.80	19.66	<=30	Pass		
			13	21.59	-1.80	19.79	<=30	Pass		
		25	0	21.51	-1.80	19.71	<=30	Pass		
		256QAM	1712.5	1	0	17.99	-1.80	16.19	<=30	Pass
					13	17.73	-1.80	15.93	<=30	Pass
24					17.96	-1.80	16.16	<=30	Pass	
12				0	17.99	-1.80	16.19	<=30	Pass	
				6	18.08	-1.80	16.28	<=30	Pass	
				13	18.04	-1.80	16.24	<=30	Pass	
25				0	18.02	-1.80	16.22	<=30	Pass	
1732.5				1	0	18.34	-1.80	16.54	<=30	Pass
					13	18.40	-1.80	16.60	<=30	Pass
	24				18.32	-1.80	16.52	<=30	Pass	
	12		0	18.38	-1.80	16.58	<=30	Pass		
			6	18.40	-1.80	16.60	<=30	Pass		
			13	18.30	-1.80	16.50	<=30	Pass		
25	0		18.34	-1.80	16.54	<=30	Pass			
1752.5	1		0	18.57	-1.80	16.77	<=30	Pass		
			13	18.74	-1.80	16.94	<=30	Pass		
			24	18.45	-1.80	16.65	<=30	Pass		
	12		0	18.64	-1.80	16.84	<=30	Pass		
			6	18.62	-1.80	16.82	<=30	Pass		
		13	18.64	-1.80	16.84	<=30	Pass			
	25	0	18.62	-1.80	16.82	<=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	22.88	-1.80	21.08	<=30	Pass
			25	23.03	-1.80	21.23	<=30	Pass
			49	23.04	-1.80	21.24	<=30	Pass
		25	0	21.96	-1.80	20.16	<=30	Pass
			13	22.08	-1.80	20.28	<=30	Pass
			25	22.09	-1.80	20.29	<=30	Pass
		50	0	22.07	-1.80	20.27	<=30	Pass
	1732.5	1	0	23.39	-1.80	21.59	<=30	Pass
			25	23.50	-1.80	21.70	<=30	Pass
			49	23.51	-1.80	21.71	<=30	Pass
		25	0	22.31	-1.80	20.51	<=30	Pass
			13	22.40	-1.80	20.60	<=30	Pass
			25	22.42	-1.80	20.62	<=30	Pass
		50	0	22.36	-1.80	20.56	<=30	Pass
	1750	1	0	23.36	-1.80	21.56	<=30	Pass
			25	23.54	-1.80	21.74	<=30	Pass
			49	23.52	-1.80	21.72	<=30	Pass
		25	0	22.44	-1.80	20.64	<=30	Pass
			13	22.65	-1.80	20.85	<=30	Pass
			25	22.61	-1.80	20.81	<=30	Pass
		50	0	22.59	-1.80	20.79	<=30	Pass
16QAM	1715	1	0	22.28	-1.80	20.48	<=30	Pass
			25	21.83	-1.80	20.03	<=30	Pass
			49	22.31	-1.80	20.51	<=30	Pass
		25	0	20.95	-1.80	19.15	<=30	Pass
			13	21.12	-1.80	19.32	<=30	Pass
			25	21.16	-1.80	19.36	<=30	Pass
		50	0	21.07	-1.80	19.27	<=30	Pass
	1732.5	1	0	22.18	-1.80	20.38	<=30	Pass
			25	22.55	-1.80	20.75	<=30	Pass
			49	22.47	-1.80	20.67	<=30	Pass
		25	0	21.38	-1.80	19.58	<=30	Pass
			13	21.39	-1.80	19.59	<=30	Pass
			25	21.35	-1.80	19.55	<=30	Pass
		50	0	21.37	-1.80	19.57	<=30	Pass
	1750	1	0	22.47	-1.80	20.67	<=30	Pass
			25	22.60	-1.80	20.80	<=30	Pass
			49	22.99	-1.80	21.19	<=30	Pass
		25	0	21.58	-1.80	19.78	<=30	Pass
			13	21.69	-1.80	19.89	<=30	Pass
			25	21.67	-1.80	19.87	<=30	Pass
		50	0	21.49	-1.80	19.69	<=30	Pass
64QAM	1715	1	0	21.94	-1.80	20.14	<=30	Pass
			25	21.72	-1.80	19.92	<=30	Pass
			49	22.03	-1.80	20.23	<=30	Pass
		25	0	20.98	-1.80	19.18	<=30	Pass
			13	21.11	-1.80	19.31	<=30	Pass
			25	21.18	-1.80	19.38	<=30	Pass
		50	0	21.10	-1.80	19.30	<=30	Pass
	1732.5	1	0	22.14	-1.80	20.34	<=30	Pass
			25	22.18	-1.80	20.38	<=30	Pass

		25	49	22.21	-1.80	20.41	<=30	Pass		
			0	21.29	-1.80	19.49	<=30	Pass		
			13	21.39	-1.80	19.59	<=30	Pass		
			25	21.47	-1.80	19.67	<=30	Pass		
		50	0	21.36	-1.80	19.56	<=30	Pass		
	1750	1	0	22.31	-1.80	20.51	<=30	Pass		
			25	22.59	-1.80	20.79	<=30	Pass		
			49	22.49	-1.80	20.69	<=30	Pass		
		25	0	21.34	-1.80	19.54	<=30	Pass		
			13	21.69	-1.80	19.89	<=30	Pass		
			25	21.65	-1.80	19.85	<=30	Pass		
		50	0	21.33	-1.80	19.53	<=30	Pass		
		256QAM	1715	1	0	17.98	-1.80	16.18	<=30	Pass
					25	18.12	-1.80	16.32	<=30	Pass
	49				18.20	-1.80	16.40	<=30	Pass	
	25			0	17.99	-1.80	16.19	<=30	Pass	
13				18.17	-1.80	16.37	<=30	Pass		
25				18.18	-1.80	16.38	<=30	Pass		
50	0			18.08	-1.80	16.28	<=30	Pass		
1732.5	1		0	18.23	-1.80	16.43	<=30	Pass		
			25	18.58	-1.80	16.78	<=30	Pass		
			49	18.49	-1.80	16.69	<=30	Pass		
	25		0	18.33	-1.80	16.53	<=30	Pass		
			13	18.37	-1.80	16.57	<=30	Pass		
			25	18.46	-1.80	16.66	<=30	Pass		
50	0		18.43	-1.80	16.63	<=30	Pass			
1750	1		0	18.56	-1.80	16.76	<=30	Pass		
		25	18.82	-1.80	17.02	<=30	Pass			
		49	18.41	-1.80	16.61	<=30	Pass			
	25	0	18.52	-1.80	16.72	<=30	Pass			
		13	18.62	-1.80	16.82	<=30	Pass			
		25	18.66	-1.80	16.86	<=30	Pass			
	50	0	18.66	-1.80	16.86	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	22.56	-1.80	20.76	<=30	Pass
			38	22.83	-1.80	21.03	<=30	Pass
			74	23.26	-1.80	21.46	<=30	Pass
		36	0	21.94	-1.80	20.14	<=30	Pass
			18	21.95	-1.80	20.15	<=30	Pass
			39	21.99	-1.80	20.19	<=30	Pass
		75	0	22.00	-1.80	20.20	<=30	Pass
	1732.5	1	0	22.98	-1.80	21.18	<=30	Pass
			38	23.36	-1.80	21.56	<=30	Pass
			74	23.19	-1.80	21.39	<=30	Pass
		36	0	22.15	-1.80	20.35	<=30	Pass
			18	22.25	-1.80	20.45	<=30	Pass
			39	22.41	-1.80	20.61	<=30	Pass
		75	0	22.21	-1.80	20.41	<=30	Pass
	1747.5	1	0	23.26	-1.80	21.46	<=30	Pass

		36	38	23.53	-1.80	21.73	<=30	Pass
			74	23.27	-1.80	21.47	<=30	Pass
			0	22.21	-1.80	20.41	<=30	Pass
			18	22.38	-1.80	20.58	<=30	Pass
			39	22.48	-1.80	20.68	<=30	Pass
		75	0	22.29	-1.80	20.49	<=30	Pass
16QAM	1717.5	1	0	21.55	-1.80	19.75	<=30	Pass
			38	21.83	-1.80	20.03	<=30	Pass
			74	22.47	-1.80	20.67	<=30	Pass
		36	0	20.90	-1.80	19.10	<=30	Pass
			18	21.00	-1.80	19.20	<=30	Pass
			39	21.05	-1.80	19.25	<=30	Pass
		75	0	20.97	-1.80	19.17	<=30	Pass
	1732.5	1	0	22.23	-1.80	20.43	<=30	Pass
			38	22.25	-1.80	20.45	<=30	Pass
			74	22.66	-1.80	20.86	<=30	Pass
		36	0	21.22	-1.80	19.42	<=30	Pass
			18	21.31	-1.80	19.51	<=30	Pass
			39	21.43	-1.80	19.63	<=30	Pass
		75	0	21.17	-1.80	19.37	<=30	Pass
	1747.5	1	0	22.18	-1.80	20.38	<=30	Pass
			38	22.57	-1.80	20.77	<=30	Pass
			74	22.69	-1.80	20.89	<=30	Pass
		36	0	21.25	-1.80	19.45	<=30	Pass
			18	21.26	-1.80	19.46	<=30	Pass
			39	21.51	-1.80	19.71	<=30	Pass
		75	0	21.51	-1.80	19.71	<=30	Pass
64QAM	1717.5	1	0	21.72	-1.80	19.92	<=30	Pass
			38	21.82	-1.80	20.02	<=30	Pass
			74	21.59	-1.80	19.79	<=30	Pass
		36	0	20.86	-1.80	19.06	<=30	Pass
			18	21.08	-1.80	19.28	<=30	Pass
			39	21.10	-1.80	19.30	<=30	Pass
		75	0	21.05	-1.80	19.25	<=30	Pass
	1732.5	1	0	22.01	-1.80	20.21	<=30	Pass
			38	22.45	-1.80	20.65	<=30	Pass
			74	22.65	-1.80	20.85	<=30	Pass
		36	0	21.23	-1.80	19.43	<=30	Pass
			18	21.28	-1.80	19.48	<=30	Pass
			39	21.37	-1.80	19.57	<=30	Pass
		75	0	21.25	-1.80	19.45	<=30	Pass
	1747.5	1	0	22.06	-1.80	20.26	<=30	Pass
			38	22.00	-1.80	20.20	<=30	Pass
			74	22.31	-1.80	20.51	<=30	Pass
		36	0	20.90	-1.80	19.10	<=30	Pass
			18	21.33	-1.80	19.53	<=30	Pass
			39	21.47	-1.80	19.67	<=30	Pass
		75	0	21.35	-1.80	19.55	<=30	Pass
256QAM	1717.5	1	0	17.81	-1.80	16.01	<=30	Pass
			38	18.12	-1.80	16.32	<=30	Pass
			74	18.00	-1.80	16.20	<=30	Pass
		36	0	17.86	-1.80	16.06	<=30	Pass
			18	17.96	-1.80	16.16	<=30	Pass
			39	18.08	-1.80	16.28	<=30	Pass
		75	0	18.04	-1.80	16.24	<=30	Pass
	1732.5	1	0	17.91	-1.80	16.11	<=30	Pass
			38	18.23	-1.80	16.43	<=30	Pass

		36	74	18.40	-1.80	16.60	<=30	Pass
			0	18.13	-1.80	16.33	<=30	Pass
			18	18.20	-1.80	16.40	<=30	Pass
			39	18.31	-1.80	16.51	<=30	Pass
		75	0	18.17	-1.80	16.37	<=30	Pass
	1747.5	1	0	18.37	-1.80	16.57	<=30	Pass
			38	18.42	-1.80	16.62	<=30	Pass
			74	18.45	-1.80	16.65	<=30	Pass
		36	0	18.37	-1.80	16.57	<=30	Pass
			18	18.30	-1.80	16.50	<=30	Pass
			39	18.40	-1.80	16.60	<=30	Pass
		75	0	18.35	-1.80	16.55	<=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	22.71	-1.80	20.91	<=30	Pass
			50	22.53	-1.80	20.73	<=30	Pass
			99	23.17	-1.80	21.37	<=30	Pass
		50	0	21.90	-1.80	20.10	<=30	Pass
			25	22.05	-1.80	20.25	<=30	Pass
			50	22.15	-1.80	20.35	<=30	Pass
		100	0	22.05	-1.80	20.25	<=30	Pass
	1732.5	1	0	23.09	-1.80	21.29	<=30	Pass
			50	23.34	-1.80	21.54	<=30	Pass
			99	23.46	-1.80	21.66	<=30	Pass
		50	0	22.15	-1.80	20.35	<=30	Pass
			25	22.26	-1.80	20.46	<=30	Pass
			50	22.38	-1.80	20.58	<=30	Pass
		100	0	22.23	-1.80	20.43	<=30	Pass
	1745	1	0	23.33	-1.80	21.53	<=30	Pass
			50	23.63	-1.80	21.83	<=30	Pass
			99	23.46	-1.80	21.66	<=30	Pass
		50	0	22.32	-1.80	20.52	<=30	Pass
			25	22.45	-1.80	20.65	<=30	Pass
			50	22.56	-1.80	20.76	<=30	Pass
		100	0	22.42	-1.80	20.62	<=30	Pass
16QAM	1720	1	0	21.62	-1.80	19.82	<=30	Pass
			50	22.28	-1.80	20.48	<=30	Pass
			99	22.23	-1.80	20.43	<=30	Pass
		50	0	20.93	-1.80	19.13	<=30	Pass
			25	21.11	-1.80	19.31	<=30	Pass
			50	21.14	-1.80	19.34	<=30	Pass
		100	0	21.11	-1.80	19.31	<=30	Pass
	1732.5	1	0	22.31	-1.80	20.51	<=30	Pass
			50	22.33	-1.80	20.53	<=30	Pass
			99	22.43	-1.80	20.63	<=30	Pass
		50	0	21.19	-1.80	19.39	<=30	Pass
			25	21.33	-1.80	19.53	<=30	Pass
			50	21.39	-1.80	19.59	<=30	Pass
		100	0	21.28	-1.80	19.48	<=30	Pass
	1745	1	0	22.21	-1.80	20.41	<=30	Pass

			50	22.40	-1.80	20.60	<=30	Pass		
			99	22.70	-1.80	20.90	<=30	Pass		
		50	0	21.32	-1.80	19.52	<=30	Pass		
			25	21.36	-1.80	19.56	<=30	Pass		
			50	21.44	-1.80	19.64	<=30	Pass		
		100	0	21.48	-1.80	19.68	<=30	Pass		
64QAM	1720	1	0	21.54	-1.80	19.74	<=30	Pass		
			50	21.99	-1.80	20.19	<=30	Pass		
			99	21.97	-1.80	20.17	<=30	Pass		
		50	0	20.92	-1.80	19.12	<=30	Pass		
			25	21.09	-1.80	19.29	<=30	Pass		
			50	21.18	-1.80	19.38	<=30	Pass		
		100	0	21.08	-1.80	19.28	<=30	Pass		
		1732.5	1	0	21.77	-1.80	19.97	<=30	Pass	
				50	21.73	-1.80	19.93	<=30	Pass	
	99			22.09	-1.80	20.29	<=30	Pass		
	50		0	21.21	-1.80	19.41	<=30	Pass		
			25	21.31	-1.80	19.51	<=30	Pass		
			50	21.40	-1.80	19.60	<=30	Pass		
	100		0	21.28	-1.80	19.48	<=30	Pass		
	1745		1	0	22.30	-1.80	20.50	<=30	Pass	
				50	22.25	-1.80	20.45	<=30	Pass	
		99		22.24	-1.80	20.44	<=30	Pass		
		50	0	21.34	-1.80	19.54	<=30	Pass		
			25	21.35	-1.80	19.55	<=30	Pass		
			50	21.44	-1.80	19.64	<=30	Pass		
		100	0	21.47	-1.80	19.67	<=30	Pass		
		256QAM	1720	1	0	17.75	-1.80	15.95	<=30	Pass
					50	18.07	-1.80	16.27	<=30	Pass
	99				18.24	-1.80	16.44	<=30	Pass	
	50			0	17.91	-1.80	16.11	<=30	Pass	
25				18.05	-1.80	16.25	<=30	Pass		
50				18.21	-1.80	16.41	<=30	Pass		
100	0			18.05	-1.80	16.25	<=30	Pass		
1732.5	1			0	18.09	-1.80	16.29	<=30	Pass	
				50	18.38	-1.80	16.58	<=30	Pass	
			99	18.60	-1.80	16.80	<=30	Pass		
	50		0	18.02	-1.80	16.22	<=30	Pass		
			25	18.25	-1.80	16.45	<=30	Pass		
			50	18.31	-1.80	16.51	<=30	Pass		
	100		0	18.17	-1.80	16.37	<=30	Pass		
	1745		1	0	17.98	-1.80	16.18	<=30	Pass	
				50	18.51	-1.80	16.71	<=30	Pass	
99				18.57	-1.80	16.77	<=30	Pass		
50			0	18.31	-1.80	16.51	<=30	Pass		
			25	18.47	-1.80	16.67	<=30	Pass		
			50	18.42	-1.80	16.62	<=30	Pass		
100			0	18.46	-1.80	16.66	<=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	3.65	-21.600	-0.0126	-2.5 to 2.5	Pass
					3.87	-15.600	-0.0091	-2.5 to 2.5	Pass
					4.45	-13.700	-0.0080	-2.5 to 2.5	Pass
				-30	3.87	-16.600	-0.0097	-2.5 to 2.5	Pass
				-20	3.87	-16.700	-0.0098	-2.5 to 2.5	Pass
				-10	3.87	-16.300	-0.0095	-2.5 to 2.5	Pass
				0	3.87	-15.700	-0.0092	-2.5 to 2.5	Pass
				10	3.87	-13.500	-0.0079	-2.5 to 2.5	Pass
				30	3.87	-9.300	-0.0054	-2.5 to 2.5	Pass
				40	3.87	-11.600	-0.0068	-2.5 to 2.5	Pass
				50	3.87	-10.800	-0.0063	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.65	-4.600	-0.0027	-2.5 to 2.5	Pass
					3.87	-6.900	-0.0040	-2.5 to 2.5	Pass
					4.45	-3.900	-0.0023	-2.5 to 2.5	Pass
				-30	3.87	-7.400	-0.0043	-2.5 to 2.5	Pass
				-20	3.87	-9.000	-0.0052	-2.5 to 2.5	Pass
				-10	3.87	-9.700	-0.0056	-2.5 to 2.5	Pass
				0	3.87	-9.100	-0.0053	-2.5 to 2.5	Pass
				10	3.87	-10.800	-0.0062	-2.5 to 2.5	Pass
				30	3.87	-13.300	-0.0077	-2.5 to 2.5	Pass
				40	3.87	-13.300	-0.0077	-2.5 to 2.5	Pass
				50	3.87	-17.700	-0.0102	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.65	-3.200	-0.0018	-2.5 to 2.5	Pass
					3.87	3.600	0.0021	-2.5 to 2.5	Pass
					4.45	-1.700	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	-2.900	-0.0017	-2.5 to 2.5	Pass
				-20	3.87	3.000	0.0017	-2.5 to 2.5	Pass
				-10	3.87	-3.600	-0.0021	-2.5 to 2.5	Pass
				0	3.87	2.900	0.0017	-2.5 to 2.5	Pass
				10	3.87	8.600	0.0049	-2.5 to 2.5	Pass
				30	3.87	6.400	0.0036	-2.5 to 2.5	Pass
				40	3.87	4.700	0.0027	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.65	-10.100	-0.0059	-2.5 to 2.5	Pass
					3.87	-11.700	-0.0068	-2.5 to 2.5	Pass
					4.45	-7.300	-0.0043	-2.5 to 2.5	Pass
				-30	3.87	-8.700	-0.0051	-2.5 to 2.5	Pass
				-20	3.87	-6.200	-0.0036	-2.5 to 2.5	Pass
				-10	3.87	-7.400	-0.0043	-2.5 to 2.5	Pass
				0	3.87	-6.900	-0.0040	-2.5 to 2.5	Pass
				10	3.87	-5.000	-0.0029	-2.5 to 2.5	Pass
				30	3.87	-5.500	-0.0032	-2.5 to 2.5	Pass
				40	3.87	-5.100	-0.0030	-2.5 to 2.5	Pass
				50	3.87	-3.600	-0.0021	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.65	-16.200	-0.0094	-2.5 to 2.5	Pass
					3.87	-11.800	-0.0068	-2.5 to 2.5	Pass
					4.45	-17.300	-0.0100	-2.5 to 2.5	Pass
				-30	3.87	-15.100	-0.0087	-2.5 to 2.5	Pass
				-20	3.87	-20.800	-0.0120	-2.5 to 2.5	Pass
				-10	3.87	-18.000	-0.0104	-2.5 to 2.5	Pass
				0	3.87	-12.900	-0.0074	-2.5 to 2.5	Pass

				10	3.87	-15.800	-0.0091	-2.5 to 2.5	Pass
				30	3.87	-18.100	-0.0104	-2.5 to 2.5	Pass
				40	3.87	-15.500	-0.0089	-2.5 to 2.5	Pass
				50	3.87	-14.800	-0.0085	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.65	6.300	0.0036	-2.5 to 2.5	Pass
					3.87	-1.200	-0.0007	-2.5 to 2.5	Pass
					4.45	7.600	0.0043	-2.5 to 2.5	Pass
				-30	3.87	3.800	0.0022	-2.5 to 2.5	Pass
				-20	3.87	5.800	0.0033	-2.5 to 2.5	Pass
				-10	3.87	4.500	0.0026	-2.5 to 2.5	Pass
				0	3.87	3.100	0.0018	-2.5 to 2.5	Pass
				10	3.87	3.900	0.0022	-2.5 to 2.5	Pass
				30	3.87	3.800	0.0022	-2.5 to 2.5	Pass
				40	3.87	6.700	0.0038	-2.5 to 2.5	Pass
				50	3.87	5.800	0.0033	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	20	3.65	-197.600	-0.1155	-2.5 to 2.5	Pass
					3.87	138.600	0.0810	-2.5 to 2.5	Pass
					4.45	188.800	0.1104	-2.5 to 2.5	Pass
				-30	3.87	-54.700	-0.0320	-2.5 to 2.5	Pass
				-20	3.87	-23.300	-0.0136	-2.5 to 2.5	Pass
				-10	3.87	184.300	0.1077	-2.5 to 2.5	Pass
				0	3.87	-189.500	-0.1108	-2.5 to 2.5	Pass
				10	3.87	-3.200	-0.0019	-2.5 to 2.5	Pass
				30	3.87	-19.300	-0.0113	-2.5 to 2.5	Pass
				40	3.87	-187.900	-0.1098	-2.5 to 2.5	Pass
				50	3.87	-43.300	-0.0253	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.65	117.700	0.0679	-2.5 to 2.5	Pass
					3.87	171.900	0.0992	-2.5 to 2.5	Pass
					4.45	175.800	0.1015	-2.5 to 2.5	Pass
				-30	3.87	172.400	0.0995	-2.5 to 2.5	Pass
				-20	3.87	-4.000	-0.0023	-2.5 to 2.5	Pass
				-10	3.87	-13.800	-0.0080	-2.5 to 2.5	Pass
				0	3.87	134.200	0.0775	-2.5 to 2.5	Pass
				10	3.87	139.000	0.0802	-2.5 to 2.5	Pass
				30	3.87	-206.900	-0.1194	-2.5 to 2.5	Pass
				40	3.87	-77.500	-0.0447	-2.5 to 2.5	Pass
				50	3.87	156.300	0.0902	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.65	163.700	0.0933	-2.5 to 2.5	Pass
					3.87	150.500	0.0858	-2.5 to 2.5	Pass
					4.45	-199.600	-0.1138	-2.5 to 2.5	Pass
				-30	3.87	193.600	0.1104	-2.5 to 2.5	Pass
				-20	3.87	-6.400	-0.0036	-2.5 to 2.5	Pass
				-10	3.87	76.100	0.0434	-2.5 to 2.5	Pass
				0	3.87	185.300	0.1056	-2.5 to 2.5	Pass
				10	3.87	-179.800	-0.1025	-2.5 to 2.5	Pass
				30	3.87	-179.000	-0.1020	-2.5 to 2.5	Pass
				40	3.87	133.500	0.0761	-2.5 to 2.5	Pass
				50	3.87	7.400	0.0042	-2.5 to 2.5	Pass
256QAM	1710.7	6	0	20	3.65	-3.000	-0.0018	-2.5 to 2.5	Pass
					3.87	-2.700	-0.0016	-2.5 to 2.5	Pass
					4.45	-1.100	-0.0006	-2.5 to 2.5	Pass
				-30	3.87	-3.500	-0.0020	-2.5 to 2.5	Pass
				-20	3.87	-3.400	-0.0020	-2.5 to 2.5	Pass
				-10	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
				0	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
				30	3.87	1.000	0.0006	-2.5 to 2.5	Pass

	1732.5	6	0	40	3.87	-1.800	-0.0011	-2.5 to 2.5	Pass
				50	3.87	-1.400	-0.0008	-2.5 to 2.5	Pass
				20	3.65	-9.200	-0.0053	-2.5 to 2.5	Pass
					3.87	-8.000	-0.0046	-2.5 to 2.5	Pass
					4.45	-11.300	-0.0065	-2.5 to 2.5	Pass
				-30	3.87	-13.600	-0.0078	-2.5 to 2.5	Pass
				-20	3.87	-9.600	-0.0055	-2.5 to 2.5	Pass
				-10	3.87	-6.600	-0.0038	-2.5 to 2.5	Pass
				0	3.87	-11.600	-0.0067	-2.5 to 2.5	Pass
				10	3.87	-8.500	-0.0049	-2.5 to 2.5	Pass
				30	3.87	-8.200	-0.0047	-2.5 to 2.5	Pass
				40	3.87	-7.300	-0.0042	-2.5 to 2.5	Pass
	1754.3	6	0	50	3.87	-5.800	-0.0033	-2.5 to 2.5	Pass
				20	3.65	7.300	0.0042	-2.5 to 2.5	Pass
					3.87	12.200	0.0070	-2.5 to 2.5	Pass
					4.45	7.800	0.0044	-2.5 to 2.5	Pass
				-30	3.87	8.100	0.0046	-2.5 to 2.5	Pass
				-20	3.87	7.200	0.0041	-2.5 to 2.5	Pass
				-10	3.87	7.600	0.0043	-2.5 to 2.5	Pass
				0	3.87	11.800	0.0067	-2.5 to 2.5	Pass
				10	3.87	7.300	0.0042	-2.5 to 2.5	Pass
				30	3.87	12.900	0.0074	-2.5 to 2.5	Pass
				40	3.87	10.700	0.0061	-2.5 to 2.5	Pass
				50	3.87	12.400	0.0071	-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	3.65	-0.400	-0.0002	-2.5 to 2.5	Pass
					3.87	0.200	0.0001	-2.5 to 2.5	Pass
					4.45	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.87	1.200	0.0007	-2.5 to 2.5	Pass
				-20	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass
				-10	3.87	-2.000	-0.0012	-2.5 to 2.5	Pass
				0	3.87	-0.900	-0.0005	-2.5 to 2.5	Pass
				10	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass
				40	3.87	-0.400	-0.0002	-2.5 to 2.5	Pass
				50	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.65	-2.000	-0.0012	-2.5 to 2.5	Pass
					3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
					4.45	0.900	0.0005	-2.5 to 2.5	Pass
				-30	3.87	-1.300	-0.0008	-2.5 to 2.5	Pass
				-20	3.87	1.700	0.0010	-2.5 to 2.5	Pass
				-10	3.87	3.500	0.0020	-2.5 to 2.5	Pass
				0	3.87	0.800	0.0005	-2.5 to 2.5	Pass
				10	3.87	1.900	0.0011	-2.5 to 2.5	Pass
				30	3.87	0.400	0.0002	-2.5 to 2.5	Pass
				40	3.87	0.800	0.0005	-2.5 to 2.5	Pass
				50	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.65	2.100	0.0012	-2.5 to 2.5	Pass
					3.87	0.600	0.0003	-2.5 to 2.5	Pass
					4.45	-3.500	-0.0020	-2.5 to 2.5	Pass

				-30	3.87	0.900	0.0005	-2.5 to 2.5	Pass
				-20	3.87	1.800	0.0010	-2.5 to 2.5	Pass
				-10	3.87	0.500	0.0003	-2.5 to 2.5	Pass
				0	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
				10	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
				30	3.87	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.87	0.500	0.0003	-2.5 to 2.5	Pass
				50	3.87	2.200	0.0013	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.65	-1.700	-0.0010	-2.5 to 2.5	Pass
					3.87	0.100	0.0001	-2.5 to 2.5	Pass
					4.45	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.87	-0.900	-0.0005	-2.5 to 2.5	Pass
				-20	3.87	0.800	0.0005	-2.5 to 2.5	Pass
				-10	3.87	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	3.87	0.700	0.0004	-2.5 to 2.5	Pass
				10	3.87	1.000	0.0006	-2.5 to 2.5	Pass
				30	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
				40	3.87	-1.300	-0.0008	-2.5 to 2.5	Pass
				50	3.87	-1.300	-0.0008	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.65	0.900	0.0005	-2.5 to 2.5	Pass
					3.87	-1.000	-0.0006	-2.5 to 2.5	Pass
					4.45	-0.300	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.87	-0.900	-0.0005	-2.5 to 2.5	Pass
				-10	3.87	-1.000	-0.0006	-2.5 to 2.5	Pass
				0	3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
				10	3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
				30	3.87	-0.600	-0.0003	-2.5 to 2.5	Pass
				40	3.87	-0.600	-0.0003	-2.5 to 2.5	Pass
				50	3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.65	1.100	0.0006	-2.5 to 2.5	Pass
					3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.45	-1.100	-0.0006	-2.5 to 2.5	Pass
				-30	3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
				-20	3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
				-10	3.87	-1.200	-0.0007	-2.5 to 2.5	Pass
				0	3.87	0.600	0.0003	-2.5 to 2.5	Pass
				10	3.87	1.100	0.0006	-2.5 to 2.5	Pass
				30	3.87	0.500	0.0003	-2.5 to 2.5	Pass
				40	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass
				50	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
64QAM	1711.5	15	0	20	3.65	-11.600	-0.0068	-2.5 to 2.5	Pass
					3.87	-8.100	-0.0047	-2.5 to 2.5	Pass
					4.45	43.900	0.0257	-2.5 to 2.5	Pass
				-30	3.87	88.700	0.0518	-2.5 to 2.5	Pass
				-20	3.87	-61.400	-0.0359	-2.5 to 2.5	Pass
				-10	3.87	9.700	0.0057	-2.5 to 2.5	Pass
				0	3.87	-7.600	-0.0044	-2.5 to 2.5	Pass
				10	3.87	-37.000	-0.0216	-2.5 to 2.5	Pass
				30	3.87	-35.200	-0.0206	-2.5 to 2.5	Pass
				40	3.87	45.100	0.0264	-2.5 to 2.5	Pass
				50	3.87	24.900	0.0145	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.65	-41.400	-0.0239	-2.5 to 2.5	Pass
					3.87	41.400	0.0239	-2.5 to 2.5	Pass
					4.45	-5.300	-0.0031	-2.5 to 2.5	Pass
				-30	3.87	41.600	0.0240	-2.5 to 2.5	Pass
				-20	3.87	-41.500	-0.0240	-2.5 to 2.5	Pass

				-10	3.87	-10.500	-0.0061	-2.5 to 2.5	Pass
				0	3.87	168.100	0.0970	-2.5 to 2.5	Pass
				10	3.87	52.000	0.0300	-2.5 to 2.5	Pass
				30	3.87	25.200	0.0145	-2.5 to 2.5	Pass
				40	3.87	145.600	0.0840	-2.5 to 2.5	Pass
				50	3.87	32.900	0.0190	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.65	-36.600	-0.0209	-2.5 to 2.5	Pass
					3.87	-6.100	-0.0035	-2.5 to 2.5	Pass
					4.45	50.100	0.0286	-2.5 to 2.5	Pass
				-30	3.87	18.900	0.0108	-2.5 to 2.5	Pass
				-20	3.87	-14.600	-0.0083	-2.5 to 2.5	Pass
				-10	3.87	-102.200	-0.0583	-2.5 to 2.5	Pass
				0	3.87	-82.400	-0.0470	-2.5 to 2.5	Pass
				10	3.87	-27.300	-0.0156	-2.5 to 2.5	Pass
				30	3.87	-43.800	-0.0250	-2.5 to 2.5	Pass
				40	3.87	4.500	0.0026	-2.5 to 2.5	Pass
				50	3.87	72.600	0.0414	-2.5 to 2.5	Pass
256QAM	1711.5	15	0	20	3.65	0.100	0.0001	-2.5 to 2.5	Pass
					3.87	0.500	0.0003	-2.5 to 2.5	Pass
					4.45	1.800	0.0011	-2.5 to 2.5	Pass
				-30	3.87	-0.600	-0.0004	-2.5 to 2.5	Pass
				-20	3.87	-2.000	-0.0012	-2.5 to 2.5	Pass
				-10	3.87	-1.800	-0.0011	-2.5 to 2.5	Pass
				0	3.87	-0.400	-0.0002	-2.5 to 2.5	Pass
				10	3.87	-14.800	-0.0086	-2.5 to 2.5	Pass
				30	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
				40	3.87	2.600	0.0015	-2.5 to 2.5	Pass
	1732.5	15	0	50	3.87	-1.400	-0.0008	-2.5 to 2.5	Pass
				20	3.65	-0.400	-0.0002	-2.5 to 2.5	Pass
					3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.45	-1.000	-0.0006	-2.5 to 2.5	Pass
				-30	3.87	2.800	0.0016	-2.5 to 2.5	Pass
				-20	3.87	-1.700	-0.0010	-2.5 to 2.5	Pass
				-10	3.87	-2.400	-0.0014	-2.5 to 2.5	Pass
				0	3.87	-1.000	-0.0006	-2.5 to 2.5	Pass
				10	3.87	-1.000	-0.0006	-2.5 to 2.5	Pass
				30	3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
	1753.5	15	0	40	3.87	-1.300	-0.0008	-2.5 to 2.5	Pass
				50	3.87	-0.400	-0.0002	-2.5 to 2.5	Pass
				20	3.65	-0.500	-0.0003	-2.5 to 2.5	Pass
					3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
					4.45	-1.000	-0.0006	-2.5 to 2.5	Pass
				-30	3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
				-20	3.87	2.700	0.0015	-2.5 to 2.5	Pass
				-10	3.87	-99.900	-0.0570	-2.5 to 2.5	Pass
				0	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.87	-36.500	-0.0208	-2.5 to 2.5	Pass
				30	3.87	-1.300	-0.0007	-2.5 to 2.5	Pass
				40	3.87	1.100	0.0006	-2.5 to 2.5	Pass
				50	3.87	-1.700	-0.0010	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	1712.5	25	0	20	3.65	-1.200	-0.0007	-2.5 to 2.5	Pass
					3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
					4.45	-1.200	-0.0007	-2.5 to 2.5	Pass
				-30	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
				-20	3.87	0.600	0.0004	-2.5 to 2.5	Pass
				-10	3.87	1.500	0.0009	-2.5 to 2.5	Pass
				0	3.87	2.000	0.0012	-2.5 to 2.5	Pass
				10	3.87	3.000	0.0018	-2.5 to 2.5	Pass
				30	3.87	0.800	0.0005	-2.5 to 2.5	Pass
				40	3.87	1.700	0.0010	-2.5 to 2.5	Pass
				50	3.87	2.700	0.0016	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.65	0.600	0.0003	-2.5 to 2.5	Pass
					3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
					4.45	-0.300	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
				-20	3.87	1.700	0.0010	-2.5 to 2.5	Pass
				-10	3.87	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
				10	3.87	0.500	0.0003	-2.5 to 2.5	Pass
				30	3.87	0.100	0.0001	-2.5 to 2.5	Pass
				40	3.87	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.65	-0.800	-0.0005	-2.5 to 2.5	Pass
					3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
					4.45	0.300	0.0002	-2.5 to 2.5	Pass
				-30	3.87	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	-2.400	-0.0014	-2.5 to 2.5	Pass
				-10	3.87	-1.300	-0.0007	-2.5 to 2.5	Pass
				0	3.87	0.700	0.0004	-2.5 to 2.5	Pass
				10	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.87	2.100	0.0012	-2.5 to 2.5	Pass
				40	3.87	0.100	0.0001	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.65	0.300	0.0002	-2.5 to 2.5	Pass
					3.87	-0.600	-0.0004	-2.5 to 2.5	Pass
					4.45	-2.000	-0.0012	-2.5 to 2.5	Pass
				-30	3.87	1.800	0.0011	-2.5 to 2.5	Pass
				-20	3.87	1.600	0.0009	-2.5 to 2.5	Pass
				-10	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.87	1.900	0.0011	-2.5 to 2.5	Pass
				10	3.87	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	3.87	0.900	0.0005	-2.5 to 2.5	Pass
				40	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
				50	3.87	0.400	0.0002	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.65	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.87	1.200	0.0007	-2.5 to 2.5	Pass
					4.45	1.600	0.0009	-2.5 to 2.5	Pass
				-30	3.87	0.400	0.0002	-2.5 to 2.5	Pass
				-20	3.87	0.800	0.0005	-2.5 to 2.5	Pass
				-10	3.87	1.000	0.0006	-2.5 to 2.5	Pass
				0	3.87	0.400	0.0002	-2.5 to 2.5	Pass
				10	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
				30	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
				40	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
				50	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.65	-0.300	-0.0002	-2.5 to 2.5	Pass

					3.87	-3.400	-0.0019	-2.5 to 2.5	Pass
					4.45	-0.500	-0.0003	-2.5 to 2.5	Pass
				-30	3.87	2.100	0.0012	-2.5 to 2.5	Pass
				-20	3.87	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.87	-1.000	-0.0006	-2.5 to 2.5	Pass
				0	3.87	0.200	0.0001	-2.5 to 2.5	Pass
				10	3.87	1.000	0.0006	-2.5 to 2.5	Pass
				30	3.87	-1.000	-0.0006	-2.5 to 2.5	Pass
				40	3.87	-1.700	-0.0010	-2.5 to 2.5	Pass
				50	3.87	-2.200	-0.0013	-2.5 to 2.5	Pass
64QAM	1712.5	25	0	20	3.65	10.600	0.0062	-2.5 to 2.5	Pass
					3.87	28.600	0.0167	-2.5 to 2.5	Pass
					4.45	-23.300	-0.0136	-2.5 to 2.5	Pass
				-30	3.87	-4.800	-0.0028	-2.5 to 2.5	Pass
				-20	3.87	14.700	0.0086	-2.5 to 2.5	Pass
				-10	3.87	4.900	0.0029	-2.5 to 2.5	Pass
				0	3.87	-5.800	-0.0034	-2.5 to 2.5	Pass
				10	3.87	-10.500	-0.0061	-2.5 to 2.5	Pass
				30	3.87	-17.000	-0.0099	-2.5 to 2.5	Pass
				40	3.87	33.400	0.0195	-2.5 to 2.5	Pass
	50	3.87	-30.500	-0.0178	-2.5 to 2.5	Pass			
	1732.5	25	0	20	3.65	-22.800	-0.0132	-2.5 to 2.5	Pass
					3.87	17.300	0.0100	-2.5 to 2.5	Pass
					4.45	-30.000	-0.0173	-2.5 to 2.5	Pass
				-30	3.87	20.500	0.0118	-2.5 to 2.5	Pass
				-20	3.87	-2.800	-0.0016	-2.5 to 2.5	Pass
				-10	3.87	-11.300	-0.0065	-2.5 to 2.5	Pass
				0	3.87	-36.800	-0.0212	-2.5 to 2.5	Pass
				10	3.87	29.100	0.0168	-2.5 to 2.5	Pass
				30	3.87	-8.600	-0.0050	-2.5 to 2.5	Pass
				40	3.87	-21.600	-0.0125	-2.5 to 2.5	Pass
	50	3.87	6.100	0.0035	-2.5 to 2.5	Pass			
	1752.5	25	0	20	3.65	21.900	0.0125	-2.5 to 2.5	Pass
					3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
					4.45	-44.700	-0.0255	-2.5 to 2.5	Pass
				-30	3.87	-31.000	-0.0177	-2.5 to 2.5	Pass
				-20	3.87	-76.300	-0.0435	-2.5 to 2.5	Pass
				-10	3.87	32.800	0.0187	-2.5 to 2.5	Pass
				0	3.87	-14.600	-0.0083	-2.5 to 2.5	Pass
				10	3.87	-3.100	-0.0018	-2.5 to 2.5	Pass
30				3.87	-36.700	-0.0209	-2.5 to 2.5	Pass	
40				3.87	-33.800	-0.0193	-2.5 to 2.5	Pass	
50	3.87	-12.600	-0.0072	-2.5 to 2.5	Pass				
256QAM	1712.5	25	0	20	3.65	0.600	0.0004	-2.5 to 2.5	Pass
					3.87	1.100	0.0006	-2.5 to 2.5	Pass
					4.45	1.100	0.0006	-2.5 to 2.5	Pass
				-30	3.87	-0.400	-0.0002	-2.5 to 2.5	Pass
				-20	3.87	1.200	0.0007	-2.5 to 2.5	Pass
				-10	3.87	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.87	3.000	0.0018	-2.5 to 2.5	Pass
				10	3.87	1.400	0.0008	-2.5 to 2.5	Pass
				30	3.87	1.000	0.0006	-2.5 to 2.5	Pass
				40	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
	50	3.87	-1.000	-0.0006	-2.5 to 2.5	Pass			
	1732.5	25	0	20	3.65	-4.800	-0.0028	-2.5 to 2.5	Pass
					3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
					4.45	-1.400	-0.0008	-2.5 to 2.5	Pass

				-30	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
				-10	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass
				0	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.87	-1.400	-0.0008	-2.5 to 2.5	Pass
				30	3.87	-1.200	-0.0007	-2.5 to 2.5	Pass
				40	3.87	-2.200	-0.0013	-2.5 to 2.5	Pass
				50	3.87	0.100	0.0001	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.65	-2.400	-0.0014	-2.5 to 2.5	Pass
					3.87	0.800	0.0005	-2.5 to 2.5	Pass
					4.45	-1.200	-0.0007	-2.5 to 2.5	Pass
				-30	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.87	-0.900	-0.0005	-2.5 to 2.5	Pass
				-10	3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
				0	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
				10	3.87	0.800	0.0005	-2.5 to 2.5	Pass
				30	3.87	-1.400	-0.0008	-2.5 to 2.5	Pass
				40	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
				50	3.87	-0.500	-0.0003	-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	3.65	-2.600	-0.0015	-2.5 to 2.5	Pass
					3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
					4.45	-0.700	-0.0004	-2.5 to 2.5	Pass
				-30	3.87	-2.900	-0.0017	-2.5 to 2.5	Pass
				-20	3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
				-10	3.87	-1.700	-0.0010	-2.5 to 2.5	Pass
				0	3.87	-0.600	-0.0003	-2.5 to 2.5	Pass
				10	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.87	-1.300	-0.0008	-2.5 to 2.5	Pass
				40	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
				50	3.87	0.900	0.0005	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.65	0.300	0.0002	-2.5 to 2.5	Pass
					3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
					4.45	-1.700	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
				-20	3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
				-10	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
				0	3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
				10	3.87	-3.300	-0.0019	-2.5 to 2.5	Pass
				30	3.87	-2.400	-0.0014	-2.5 to 2.5	Pass
				40	3.87	-3.000	-0.0017	-2.5 to 2.5	Pass
				50	3.87	-3.200	-0.0018	-2.5 to 2.5	Pass
	1750	50	0	20	3.65	-1.400	-0.0008	-2.5 to 2.5	Pass
					3.87	-1.400	-0.0008	-2.5 to 2.5	Pass
					4.45	-0.400	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
				-20	3.87	-1.400	-0.0008	-2.5 to 2.5	Pass
				-10	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
				0	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.87	-0.400	-0.0002	-2.5 to 2.5	Pass

				30	3.87	-0.600	-0.0003	-2.5 to 2.5	Pass
				40	3.87	-3.000	-0.0017	-2.5 to 2.5	Pass
				50	3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.65	0.000	0.0000	-2.5 to 2.5	Pass
					3.87	-0.900	-0.0005	-2.5 to 2.5	Pass
					4.45	-2.200	-0.0013	-2.5 to 2.5	Pass
				-30	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	-2.800	-0.0016	-2.5 to 2.5	Pass
				-10	3.87	1.000	0.0006	-2.5 to 2.5	Pass
				0	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
				10	3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
				30	3.87	1.100	0.0006	-2.5 to 2.5	Pass
				40	3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.65	-2.100	-0.0012	-2.5 to 2.5	Pass
					3.87	-0.300	-0.0002	-2.5 to 2.5	Pass
					4.45	-0.600	-0.0003	-2.5 to 2.5	Pass
				-30	3.87	-0.900	-0.0005	-2.5 to 2.5	Pass
				-20	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.87	-1.000	-0.0006	-2.5 to 2.5	Pass
				0	3.87	0.200	0.0001	-2.5 to 2.5	Pass
				10	3.87	-2.000	-0.0012	-2.5 to 2.5	Pass
				30	3.87	-1.300	-0.0008	-2.5 to 2.5	Pass
				40	3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
	1750	50	0	20	3.65	-1.300	-0.0007	-2.5 to 2.5	Pass
					3.87	-2.400	-0.0014	-2.5 to 2.5	Pass
					4.45	-2.100	-0.0012	-2.5 to 2.5	Pass
				-30	3.87	-1.200	-0.0007	-2.5 to 2.5	Pass
				-20	3.87	-3.200	-0.0018	-2.5 to 2.5	Pass
				-10	3.87	-2.400	-0.0014	-2.5 to 2.5	Pass
				0	3.87	-2.200	-0.0013	-2.5 to 2.5	Pass
				10	3.87	-1.000	-0.0006	-2.5 to 2.5	Pass
				30	3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
				40	3.87	-0.600	-0.0003	-2.5 to 2.5	Pass
				50	3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
64QAM	1715	50	0	20	3.65	3.900	0.0023	-2.5 to 2.5	Pass
					3.87	-4.600	-0.0027	-2.5 to 2.5	Pass
					4.45	16.500	0.0096	-2.5 to 2.5	Pass
				-30	3.87	10.400	0.0061	-2.5 to 2.5	Pass
				-20	3.87	26.700	0.0156	-2.5 to 2.5	Pass
				-10	3.87	9.700	0.0057	-2.5 to 2.5	Pass
				0	3.87	34.200	0.0199	-2.5 to 2.5	Pass
				10	3.87	-13.700	-0.0080	-2.5 to 2.5	Pass
				30	3.87	-15.600	-0.0091	-2.5 to 2.5	Pass
				40	3.87	-6.100	-0.0036	-2.5 to 2.5	Pass
				50	3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.65	26.600	0.0154	-2.5 to 2.5	Pass
					3.87	29.900	0.0173	-2.5 to 2.5	Pass
					4.45	2.100	0.0012	-2.5 to 2.5	Pass
				-30	3.87	-19.400	-0.0112	-2.5 to 2.5	Pass
				-20	3.87	19.500	0.0113	-2.5 to 2.5	Pass
				-10	3.87	-11.800	-0.0068	-2.5 to 2.5	Pass
				0	3.87	-2.200	-0.0013	-2.5 to 2.5	Pass
				10	3.87	-13.700	-0.0079	-2.5 to 2.5	Pass
				30	3.87	-7.100	-0.0041	-2.5 to 2.5	Pass
				40	3.87	-2.800	-0.0016	-2.5 to 2.5	Pass

	1750	50	0	50	3.87	19.600	0.0113	-2.5 to 2.5	Pass
				20	3.65	-20.000	-0.0114	-2.5 to 2.5	Pass
					3.87	16.300	0.0093	-2.5 to 2.5	Pass
				-30	4.45	11.600	0.0066	-2.5 to 2.5	Pass
					3.87	-2.300	-0.0013	-2.5 to 2.5	Pass
				-20	3.87	-28.200	-0.0161	-2.5 to 2.5	Pass
				-10	3.87	-12.500	-0.0071	-2.5 to 2.5	Pass
				0	3.87	10.600	0.0061	-2.5 to 2.5	Pass
				10	3.87	1.800	0.0010	-2.5 to 2.5	Pass
				30	3.87	-28.000	-0.0160	-2.5 to 2.5	Pass
				40	3.87	8.500	0.0049	-2.5 to 2.5	Pass
				50	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
256QAM	1715	50	0	20	3.65	-0.900	-0.0005	-2.5 to 2.5	Pass
					3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	4.45	-1.600	-0.0009	-2.5 to 2.5	Pass
					3.87	-1.300	-0.0008	-2.5 to 2.5	Pass
				-20	3.87	-3.000	-0.0017	-2.5 to 2.5	Pass
				-10	3.87	-2.800	-0.0016	-2.5 to 2.5	Pass
				0	3.87	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.87	2.600	0.0015	-2.5 to 2.5	Pass
				30	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
				40	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
				50	3.87	-0.600	-0.0003	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.65	0.000	0.0000	-2.5 to 2.5	Pass
					3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
				-30	4.45	-1.300	-0.0008	-2.5 to 2.5	Pass
					3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass
				0	3.87	-1.400	-0.0008	-2.5 to 2.5	Pass
				10	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.87	-0.300	-0.0002	-2.5 to 2.5	Pass
				40	3.87	-1.700	-0.0010	-2.5 to 2.5	Pass
				50	3.87	2.000	0.0012	-2.5 to 2.5	Pass
	1750	50	0	20	3.65	-0.500	-0.0003	-2.5 to 2.5	Pass
					3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				-30	4.45	-1.000	-0.0006	-2.5 to 2.5	Pass
					3.87	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.87	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.87	0.300	0.0002	-2.5 to 2.5	Pass
				0	3.87	1.000	0.0006	-2.5 to 2.5	Pass
				10	3.87	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	3.87	0.500	0.0003	-2.5 to 2.5	Pass
				40	3.87	1.900	0.0011	-2.5 to 2.5	Pass
				50	3.87	-4.200	-0.0024	-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	3.65	-0.400	-0.0002	-2.5 to 2.5	Pass
					3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
				-30	4.45	-2.500	-0.0015	-2.5 to 2.5	Pass
					3.87	-1.800	-0.0010	-2.5 to 2.5	Pass

				-20	3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
				-10	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
				0	3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
				10	3.87	-1.300	-0.0008	-2.5 to 2.5	Pass
				30	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
				40	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				50	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.65	-1.400	-0.0008	-2.5 to 2.5	Pass
					3.87	-2.500	-0.0014	-2.5 to 2.5	Pass
					4.45	-0.900	-0.0005	-2.5 to 2.5	Pass
				-30	3.87	-2.400	-0.0014	-2.5 to 2.5	Pass
				-20	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
				-10	3.87	-3.400	-0.0020	-2.5 to 2.5	Pass
				0	3.87	-2.600	-0.0015	-2.5 to 2.5	Pass
				10	3.87	-1.700	-0.0010	-2.5 to 2.5	Pass
				30	3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
				40	3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
	50	3.87	-2.300	-0.0013	-2.5 to 2.5	Pass			
	1747.5	75	0	20	3.65	-1.900	-0.0011	-2.5 to 2.5	Pass
					3.87	-2.700	-0.0015	-2.5 to 2.5	Pass
					4.45	-3.700	-0.0021	-2.5 to 2.5	Pass
				-30	3.87	-3.200	-0.0018	-2.5 to 2.5	Pass
				-20	3.87	-3.700	-0.0021	-2.5 to 2.5	Pass
				-10	3.87	-2.700	-0.0015	-2.5 to 2.5	Pass
				0	3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
				10	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
				30	3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
				40	3.87	-3.000	-0.0017	-2.5 to 2.5	Pass
	50	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass			
16QAM	1717.5	75	0	20	3.65	-1.700	-0.0010	-2.5 to 2.5	Pass
					3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
					4.45	-0.400	-0.0002	-2.5 to 2.5	Pass
				-30	3.87	-2.200	-0.0013	-2.5 to 2.5	Pass
				-20	3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
				-10	3.87	-1.300	-0.0008	-2.5 to 2.5	Pass
				0	3.87	0.500	0.0003	-2.5 to 2.5	Pass
				10	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
				30	3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
				40	3.87	-2.200	-0.0013	-2.5 to 2.5	Pass
	50	3.87	-2.900	-0.0017	-2.5 to 2.5	Pass			
	1732.5	75	0	20	3.65	-0.400	-0.0002	-2.5 to 2.5	Pass
					3.87	0.300	0.0002	-2.5 to 2.5	Pass
					4.45	-1.700	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	-3.300	-0.0019	-2.5 to 2.5	Pass
				-20	3.87	-1.000	-0.0006	-2.5 to 2.5	Pass
				-10	3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
				0	3.87	-1.200	-0.0007	-2.5 to 2.5	Pass
				10	3.87	-3.600	-0.0021	-2.5 to 2.5	Pass
				30	3.87	-2.700	-0.0016	-2.5 to 2.5	Pass
				40	3.87	-2.400	-0.0014	-2.5 to 2.5	Pass
	50	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass			
	1747.5	75	0	20	3.65	-0.400	-0.0002	-2.5 to 2.5	Pass
					3.87	-1.700	-0.0010	-2.5 to 2.5	Pass
					4.45	-0.600	-0.0003	-2.5 to 2.5	Pass
				-30	3.87	-2.500	-0.0014	-2.5 to 2.5	Pass
				-20	3.87	-3.000	-0.0017	-2.5 to 2.5	Pass
				-10	3.87	-2.300	-0.0013	-2.5 to 2.5	Pass

				0	3.87	-2.000	-0.0011	-2.5 to 2.5	Pass
				10	3.87	-1.300	-0.0007	-2.5 to 2.5	Pass
				30	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
				40	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
				50	3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
64QAM	1717.5	75	0	20	3.65	7.600	0.0044	-2.5 to 2.5	Pass
					3.87	-10.600	-0.0062	-2.5 to 2.5	Pass
					4.45	14.600	0.0085	-2.5 to 2.5	Pass
				-30	3.87	9.200	0.0054	-2.5 to 2.5	Pass
				-20	3.87	12.400	0.0072	-2.5 to 2.5	Pass
				-10	3.87	19.600	0.0114	-2.5 to 2.5	Pass
				0	3.87	-10.900	-0.0063	-2.5 to 2.5	Pass
				10	3.87	9.000	0.0052	-2.5 to 2.5	Pass
				30	3.87	-13.900	-0.0081	-2.5 to 2.5	Pass
				40	3.87	18.000	0.0105	-2.5 to 2.5	Pass
				50	3.87	4.000	0.0023	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.65	13.300	0.0077	-2.5 to 2.5	Pass
					3.87	-21.000	-0.0121	-2.5 to 2.5	Pass
					4.45	9.200	0.0053	-2.5 to 2.5	Pass
				-30	3.87	2.000	0.0012	-2.5 to 2.5	Pass
				-20	3.87	-18.300	-0.0106	-2.5 to 2.5	Pass
				-10	3.87	2.300	0.0013	-2.5 to 2.5	Pass
				0	3.87	-25.200	-0.0145	-2.5 to 2.5	Pass
				10	3.87	-12.500	-0.0072	-2.5 to 2.5	Pass
				30	3.87	-10.300	-0.0059	-2.5 to 2.5	Pass
				40	3.87	3.300	0.0019	-2.5 to 2.5	Pass
				50	3.87	8.900	0.0051	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.65	6.900	0.0039	-2.5 to 2.5	Pass
					3.87	-26.400	-0.0151	-2.5 to 2.5	Pass
					4.45	9.000	0.0052	-2.5 to 2.5	Pass
				-30	3.87	-3.000	-0.0017	-2.5 to 2.5	Pass
				-20	3.87	-9.500	-0.0054	-2.5 to 2.5	Pass
				-10	3.87	14.400	0.0082	-2.5 to 2.5	Pass
				0	3.87	6.000	0.0034	-2.5 to 2.5	Pass
				10	3.87	-27.200	-0.0156	-2.5 to 2.5	Pass
				30	3.87	-4.500	-0.0026	-2.5 to 2.5	Pass
				40	3.87	-11.500	-0.0066	-2.5 to 2.5	Pass
				50	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
256QAM	1717.5	75	0	20	3.65	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
					4.45	-1.800	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	-3.700	-0.0022	-2.5 to 2.5	Pass
				-20	3.87	-3.400	-0.0020	-2.5 to 2.5	Pass
				-10	3.87	0.600	0.0003	-2.5 to 2.5	Pass
				0	3.87	-2.300	-0.0013	-2.5 to 2.5	Pass
				10	3.87	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.87	-2.700	-0.0016	-2.5 to 2.5	Pass
				40	3.87	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.87	-3.000	-0.0017	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.65	-1.500	-0.0009	-2.5 to 2.5	Pass
					3.87	-4.400	-0.0025	-2.5 to 2.5	Pass
					4.45	-1.600	-0.0009	-2.5 to 2.5	Pass
				-30	3.87	-3.300	-0.0019	-2.5 to 2.5	Pass
				-20	3.87	-0.600	-0.0003	-2.5 to 2.5	Pass
				-10	3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
				0	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass
				10	3.87	-1.000	-0.0006	-2.5 to 2.5	Pass

	1747.5	75	0	30	3.87	-2.300	-0.0013	-2.5 to 2.5	Pass
				40	3.87	-2.800	-0.0016	-2.5 to 2.5	Pass
				50	3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
				20	3.65	-3.100	-0.0018	-2.5 to 2.5	Pass
					3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
					4.45	-2.500	-0.0014	-2.5 to 2.5	Pass
				-30	3.87	-2.400	-0.0014	-2.5 to 2.5	Pass
				-20	3.87	-3.000	-0.0017	-2.5 to 2.5	Pass
				-10	3.87	-2.800	-0.0016	-2.5 to 2.5	Pass
				0	3.87	-2.000	-0.0011	-2.5 to 2.5	Pass
				10	3.87	-3.400	-0.0019	-2.5 to 2.5	Pass
				30	3.87	-3.400	-0.0019	-2.5 to 2.5	Pass
				40	3.87	-3.400	-0.0019	-2.5 to 2.5	Pass
				50	3.87	-3.200	-0.0018	-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	3.65	-1.600	-0.0009	-2.5 to 2.5	Pass
					3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
					4.45	-1.100	-0.0006	-2.5 to 2.5	Pass
				-30	3.87	0.600	0.0003	-2.5 to 2.5	Pass
				-20	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
				-10	3.87	-3.500	-0.0020	-2.5 to 2.5	Pass
				0	3.87	-1.200	-0.0007	-2.5 to 2.5	Pass
				10	3.87	-3.000	-0.0017	-2.5 to 2.5	Pass
				30	3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
				40	3.87	-3.000	-0.0017	-2.5 to 2.5	Pass
				50	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.65	-2.100	-0.0012	-2.5 to 2.5	Pass
					3.87	-2.000	-0.0012	-2.5 to 2.5	Pass
					4.45	-3.600	-0.0021	-2.5 to 2.5	Pass
				-30	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
				-20	3.87	-3.000	-0.0017	-2.5 to 2.5	Pass
				-10	3.87	-2.500	-0.0014	-2.5 to 2.5	Pass
				0	3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
				10	3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
				30	3.87	-0.600	-0.0003	-2.5 to 2.5	Pass
				40	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
				50	3.87	0.500	0.0003	-2.5 to 2.5	Pass
	1745	100	0	20	3.65	-0.300	-0.0002	-2.5 to 2.5	Pass
					3.87	0.500	0.0003	-2.5 to 2.5	Pass
					4.45	-1.300	-0.0007	-2.5 to 2.5	Pass
				-30	3.87	-2.000	-0.0011	-2.5 to 2.5	Pass
				-20	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
				-10	3.87	-2.400	-0.0014	-2.5 to 2.5	Pass
				0	3.87	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	3.87	-0.900	-0.0005	-2.5 to 2.5	Pass
				30	3.87	-0.400	-0.0002	-2.5 to 2.5	Pass
				40	3.87	-2.000	-0.0011	-2.5 to 2.5	Pass
				50	3.87	-1.600	-0.0009	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.65	-1.200	-0.0007	-2.5 to 2.5	Pass
					3.87	-1.200	-0.0007	-2.5 to 2.5	Pass

					4.45	-1.900	-0.0011	-2.5 to 2.5	Pass
				-30	3.87	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.87	-2.700	-0.0016	-2.5 to 2.5	Pass
				-10	3.87	-0.800	-0.0005	-2.5 to 2.5	Pass
				0	3.87	-2.900	-0.0017	-2.5 to 2.5	Pass
				10	3.87	-2.200	-0.0013	-2.5 to 2.5	Pass
				30	3.87	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.87	-2.300	-0.0013	-2.5 to 2.5	Pass
				50	3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.65	-2.300	-0.0013	-2.5 to 2.5	Pass
					3.87	-3.700	-0.0021	-2.5 to 2.5	Pass
					4.45	-2.200	-0.0013	-2.5 to 2.5	Pass
				-30	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
				-20	3.87	-0.400	-0.0002	-2.5 to 2.5	Pass
				-10	3.87	-3.900	-0.0023	-2.5 to 2.5	Pass
				0	3.87	-0.400	-0.0002	-2.5 to 2.5	Pass
				10	3.87	-3.500	-0.0020	-2.5 to 2.5	Pass
				30	3.87	-2.600	-0.0015	-2.5 to 2.5	Pass
				40	3.87	-3.300	-0.0019	-2.5 to 2.5	Pass
				50	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
	1745	100	0	20	3.65	-2.200	-0.0013	-2.5 to 2.5	Pass
					3.87	-2.000	-0.0011	-2.5 to 2.5	Pass
					4.45	-1.700	-0.0010	-2.5 to 2.5	Pass
				-30	3.87	-1.300	-0.0007	-2.5 to 2.5	Pass
				-20	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
				-10	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass
				0	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass
				10	3.87	-0.900	-0.0005	-2.5 to 2.5	Pass
				30	3.87	-1.900	-0.0011	-2.5 to 2.5	Pass
				40	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
				50	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.65	13.100	0.0076	-2.5 to 2.5	Pass
					3.87	-12.400	-0.0072	-2.5 to 2.5	Pass
					4.45	-5.600	-0.0033	-2.5 to 2.5	Pass
				-30	3.87	-9.000	-0.0052	-2.5 to 2.5	Pass
				-20	3.87	5.400	0.0031	-2.5 to 2.5	Pass
				-10	3.87	-2.100	-0.0012	-2.5 to 2.5	Pass
				0	3.87	11.600	0.0067	-2.5 to 2.5	Pass
				10	3.87	2.900	0.0017	-2.5 to 2.5	Pass
				30	3.87	3.800	0.0022	-2.5 to 2.5	Pass
				40	3.87	9.800	0.0057	-2.5 to 2.5	Pass
				50	3.87	12.600	0.0073	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.65	3.700	0.0021	-2.5 to 2.5	Pass
					3.87	19.300	0.0111	-2.5 to 2.5	Pass
					4.45	4.300	0.0025	-2.5 to 2.5	Pass
				-30	3.87	6.300	0.0036	-2.5 to 2.5	Pass
				-20	3.87	1.200	0.0007	-2.5 to 2.5	Pass
				-10	3.87	-20.000	-0.0115	-2.5 to 2.5	Pass
				0	3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
				10	3.87	-20.600	-0.0119	-2.5 to 2.5	Pass
				30	3.87	-9.000	-0.0052	-2.5 to 2.5	Pass
				40	3.87	-1.300	-0.0008	-2.5 to 2.5	Pass
				50	3.87	6.000	0.0035	-2.5 to 2.5	Pass
	1745	100	0	20	3.65	-11.400	-0.0065	-2.5 to 2.5	Pass
					3.87	6.300	0.0036	-2.5 to 2.5	Pass
					4.45	6.600	0.0038	-2.5 to 2.5	Pass
				-30	3.87	-14.500	-0.0083	-2.5 to 2.5	Pass

				-20	3.87	2.000	0.0011	-2.5 to 2.5	Pass
				-10	3.87	-4.200	-0.0024	-2.5 to 2.5	Pass
				0	3.87	-3.400	-0.0019	-2.5 to 2.5	Pass
				10	3.87	-3.400	-0.0019	-2.5 to 2.5	Pass
				30	3.87	-5.600	-0.0032	-2.5 to 2.5	Pass
				40	3.87	-17.000	-0.0097	-2.5 to 2.5	Pass
				50	3.87	-10.600	-0.0061	-2.5 to 2.5	Pass
256QAM	1720	100	0	20	3.65	-1.700	-0.0010	-2.5 to 2.5	Pass
					3.87	-1.300	-0.0008	-2.5 to 2.5	Pass
					4.45	-2.300	-0.0013	-2.5 to 2.5	Pass
				-30	3.87	-1.200	-0.0007	-2.5 to 2.5	Pass
				-20	3.87	0.600	0.0003	-2.5 to 2.5	Pass
				-10	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.87	-1.200	-0.0007	-2.5 to 2.5	Pass
				10	3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
				30	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass
				40	3.87	-1.700	-0.0010	-2.5 to 2.5	Pass
				50	3.87	-3.400	-0.0020	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.65	-1.200	-0.0007	-2.5 to 2.5	Pass
					3.87	-1.800	-0.0010	-2.5 to 2.5	Pass
					4.45	-2.100	-0.0012	-2.5 to 2.5	Pass
				-30	3.87	-2.300	-0.0013	-2.5 to 2.5	Pass
				-20	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
				-10	3.87	-1.200	-0.0007	-2.5 to 2.5	Pass
				0	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
				10	3.87	-2.400	-0.0014	-2.5 to 2.5	Pass
				30	3.87	-1.100	-0.0006	-2.5 to 2.5	Pass
				40	3.87	-2.300	-0.0013	-2.5 to 2.5	Pass
				50	3.87	-3.100	-0.0018	-2.5 to 2.5	Pass
	1745	100	0	20	3.65	-0.900	-0.0005	-2.5 to 2.5	Pass
					3.87	-0.500	-0.0003	-2.5 to 2.5	Pass
					4.45	-0.900	-0.0005	-2.5 to 2.5	Pass
				-30	3.87	-2.700	-0.0015	-2.5 to 2.5	Pass
				-20	3.87	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.87	-1.000	-0.0006	-2.5 to 2.5	Pass
				0	3.87	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
				30	3.87	-0.700	-0.0004	-2.5 to 2.5	Pass
				40	3.87	-1.500	-0.0009	-2.5 to 2.5	Pass
				50	3.87	-0.200	-0.0001	-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	1.118	/	Pass
		1732.5	6	0	1.127	/	Pass
		1754.3	6	0	1.123	/	Pass
	16QAM	1710.7	6	0	1.131	/	Pass

	64QAM	1732.5	6	0	1.127	/	Pass
		1754.3	6	0	1.144	/	Pass
		1710.7	6	0	1.122	/	Pass
		1732.5	6	0	1.122	/	Pass
		1754.3	6	0	1.121	/	Pass
	256QAM	1710.7	6	0	1.126	/	Pass
		1732.5	6	0	1.123	/	Pass
		1754.3	6	0	1.127	/	Pass
3	QPSK	1711.5	15	0	2.737	/	Pass
		1732.5	15	0	2.734	/	Pass
		1753.5	15	0	2.740	/	Pass
	16QAM	1711.5	15	0	2.732	/	Pass
		1732.5	15	0	2.742	/	Pass
		1753.5	15	0	2.747	/	Pass
	64QAM	1711.5	15	0	2.734	/	Pass
		1732.5	15	0	2.750	/	Pass
		1753.5	15	0	2.734	/	Pass
	256QAM	1711.5	15	0	2.734	/	Pass
		1732.5	15	0	2.745	/	Pass
		1753.5	15	0	2.755	/	Pass
5	QPSK	1712.5	25	0	4.557	/	Pass
		1732.5	25	0	4.567	/	Pass
		1752.5	25	0	4.576	/	Pass
	16QAM	1712.5	25	0	4.557	/	Pass
		1732.5	25	0	4.565	/	Pass
		1752.5	25	0	4.562	/	Pass
	64QAM	1712.5	25	0	4.563	/	Pass
		1732.5	25	0	4.557	/	Pass
		1752.5	25	0	4.567	/	Pass
	256QAM	1712.5	25	0	4.553	/	Pass
		1732.5	25	0	4.551	/	Pass
		1752.5	25	0	4.561	/	Pass
10	QPSK	1715	50	0	9.102	/	Pass
		1732.5	50	0	9.062	/	Pass
		1750	50	0	9.085	/	Pass
	16QAM	1715	50	0	9.090	/	Pass
		1732.5	50	0	9.059	/	Pass
		1750	50	0	9.121	/	Pass
	64QAM	1715	50	0	9.106	/	Pass
		1732.5	50	0	9.073	/	Pass
		1750	50	0	9.097	/	Pass
	256QAM	1715	50	0	9.061	/	Pass
		1732.5	50	0	9.056	/	Pass
		1750	50	0	9.096	/	Pass
15	QPSK	1717.5	75	0	13.611	/	Pass
		1732.5	75	0	13.571	/	Pass
		1747.5	75	0	13.658	/	Pass
	16QAM	1717.5	75	0	13.590	/	Pass
		1732.5	75	0	13.588	/	Pass
		1747.5	75	0	13.661	/	Pass
	64QAM	1717.5	75	0	13.583	/	Pass
		1732.5	75	0	13.566	/	Pass
		1747.5	75	0	13.693	/	Pass
	256QAM	1717.5	75	0	13.579	/	Pass
		1732.5	75	0	13.568	/	Pass
		1747.5	75	0	13.624	/	Pass
20	QPSK	1720	100	0	18.059	/	Pass

		1732.5	100	0	18.016	/	Pass
		1745	100	0	18.209	/	Pass
		1720	100	0	18.085	/	Pass
	16QAM	1732.5	100	0	18.054	/	Pass
		1745	100	0	18.197	/	Pass
		1720	100	0	18.073	/	Pass
	64QAM	1732.5	100	0	18.027	/	Pass
		1745	100	0	18.155	/	Pass
		1720	100	0	18.097	/	Pass
	256QAM	1732.5	100	0	18.015	/	Pass
		1745	100	0	18.151	/	Pass

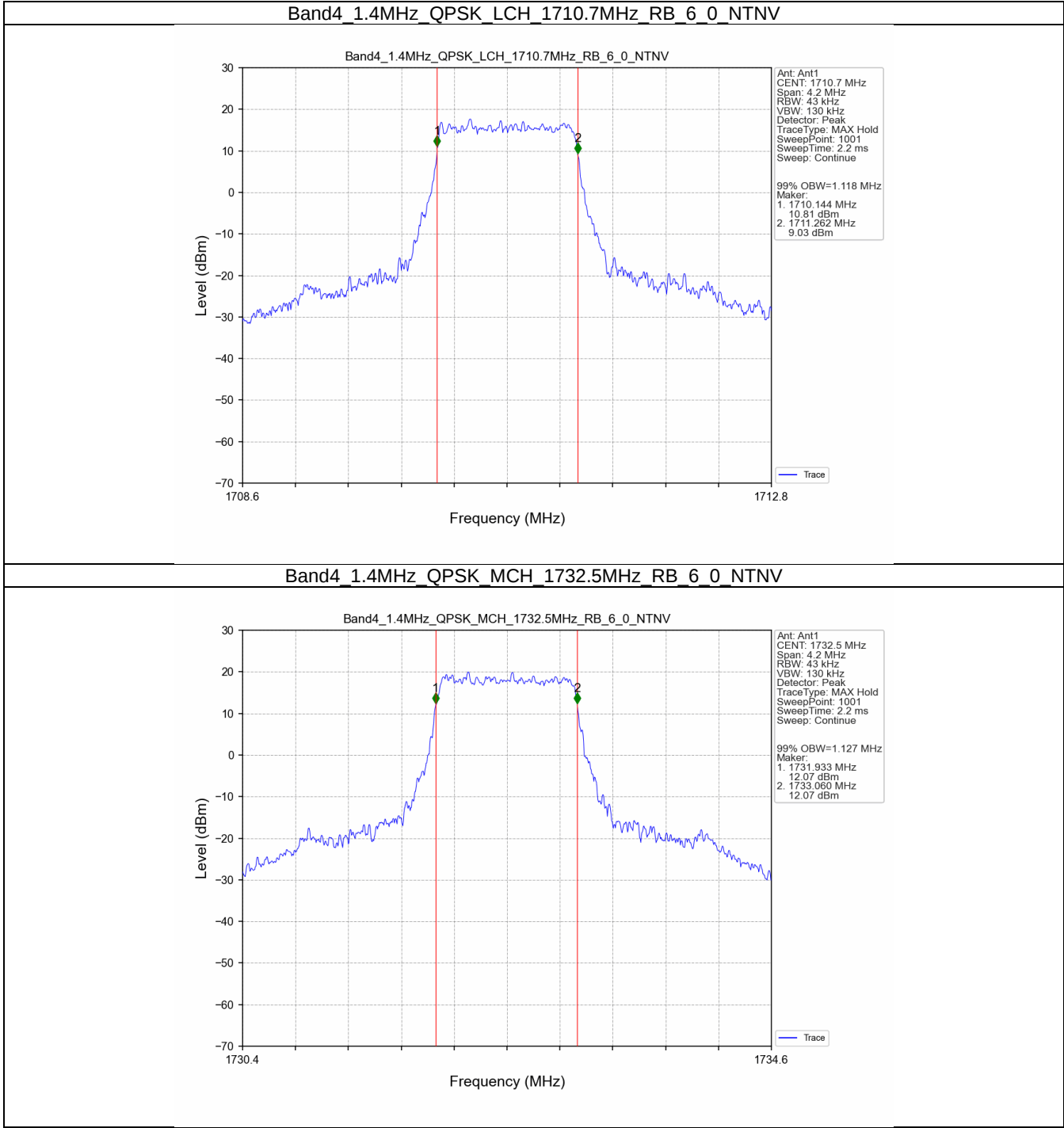
3.1.2 Band4_XDB

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	1.392	/	Pass
		1732.5	6	0	1.420	/	Pass
		1754.3	6	0	1.387	/	Pass
	16QAM	1710.7	6	0	1.389	/	Pass
		1732.5	6	0	1.415	/	Pass
		1754.3	6	0	1.400	/	Pass
	64QAM	1710.7	6	0	1.355	/	Pass
		1732.5	6	0	1.382	/	Pass
		1754.3	6	0	1.415	/	Pass
	256QAM	1710.7	6	0	1.397	/	Pass
		1732.5	6	0	1.414	/	Pass
		1754.3	6	0	1.396	/	Pass
3	QPSK	1711.5	15	0	3.112	/	Pass
		1732.5	15	0	3.108	/	Pass
		1753.5	15	0	3.141	/	Pass
	16QAM	1711.5	15	0	3.088	/	Pass
		1732.5	15	0	3.162	/	Pass
		1753.5	15	0	3.100	/	Pass
	64QAM	1711.5	15	0	3.091	/	Pass
		1732.5	15	0	3.122	/	Pass
		1753.5	15	0	3.120	/	Pass
	256QAM	1711.5	15	0	3.100	/	Pass
		1732.5	15	0	3.129	/	Pass
		1753.5	15	0	3.105	/	Pass
5	QPSK	1712.5	25	0	5.223	/	Pass
		1732.5	25	0	5.197	/	Pass
		1752.5	25	0	5.204	/	Pass
	16QAM	1712.5	25	0	5.238	/	Pass
		1732.5	25	0	5.241	/	Pass
		1752.5	25	0	5.269	/	Pass
	64QAM	1712.5	25	0	5.171	/	Pass
		1732.5	25	0	5.247	/	Pass
		1752.5	25	0	5.248	/	Pass
	256QAM	1712.5	25	0	5.299	/	Pass
		1732.5	25	0	5.130	/	Pass
		1752.5	25	0	5.250	/	Pass
10	QPSK	1715	50	0	10.363	/	Pass
		1732.5	50	0	10.189	/	Pass

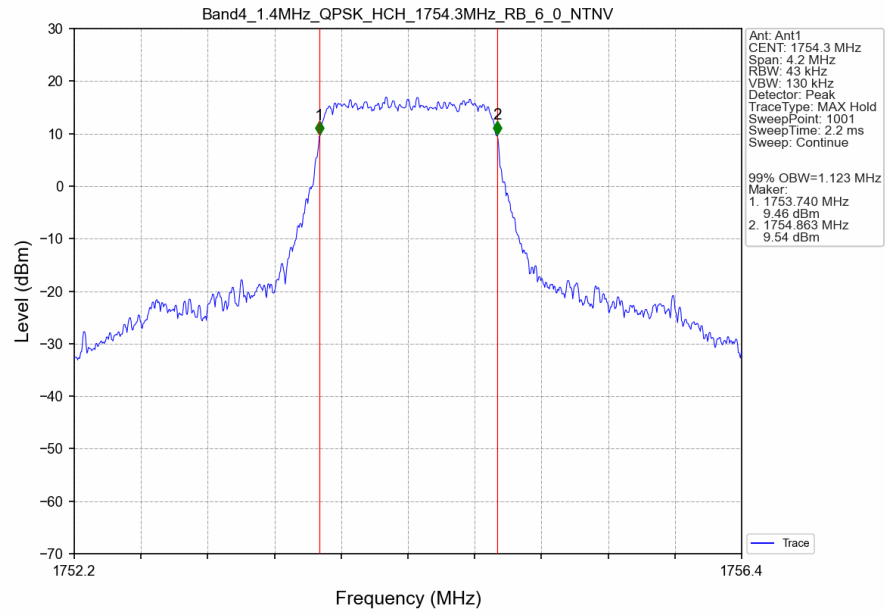
	16QAM	1750	50	0	10.294	/	Pass
		1715	50	0	10.092	/	Pass
		1732.5	50	0	10.290	/	Pass
		1750	50	0	10.138	/	Pass
	64QAM	1715	50	0	10.144	/	Pass
		1732.5	50	0	10.128	/	Pass
		1750	50	0	10.169	/	Pass
	256QAM	1715	50	0	10.061	/	Pass
		1732.5	50	0	10.200	/	Pass
		1750	50	0	10.119	/	Pass
15	QPSK	1717.5	75	0	15.066	/	Pass
		1732.5	75	0	15.330	/	Pass
		1747.5	75	0	15.237	/	Pass
	16QAM	1717.5	75	0	15.131	/	Pass
		1732.5	75	0	15.081	/	Pass
		1747.5	75	0	15.262	/	Pass
	64QAM	1717.5	75	0	14.980	/	Pass
		1732.5	75	0	14.998	/	Pass
		1747.5	75	0	15.172	/	Pass
	256QAM	1717.5	75	0	15.158	/	Pass
1732.5		75	0	15.072	/	Pass	
1747.5		75	0	15.101	/	Pass	
20	QPSK	1720	100	0	19.991	/	Pass
		1732.5	100	0	19.946	/	Pass
		1745	100	0	20.169	/	Pass
	16QAM	1720	100	0	19.947	/	Pass
		1732.5	100	0	19.714	/	Pass
		1745	100	0	20.479	/	Pass
	64QAM	1720	100	0	20.027	/	Pass
		1732.5	100	0	19.832	/	Pass
		1745	100	0	20.063	/	Pass
	256QAM	1720	100	0	19.817	/	Pass
1732.5		100	0	20.012	/	Pass	
1745		100	0	20.136	/	Pass	

3.2 Test Graph

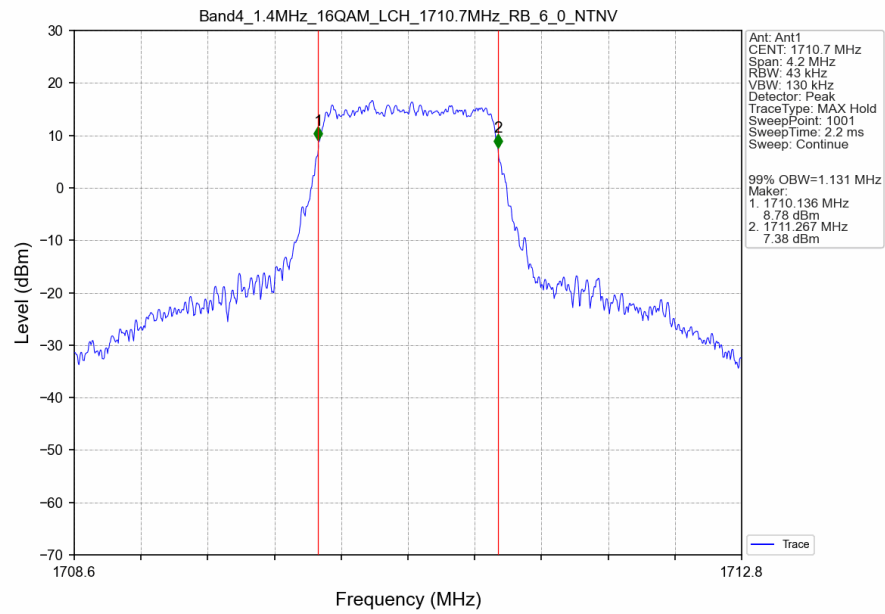
3.2.1 Band4_OBW



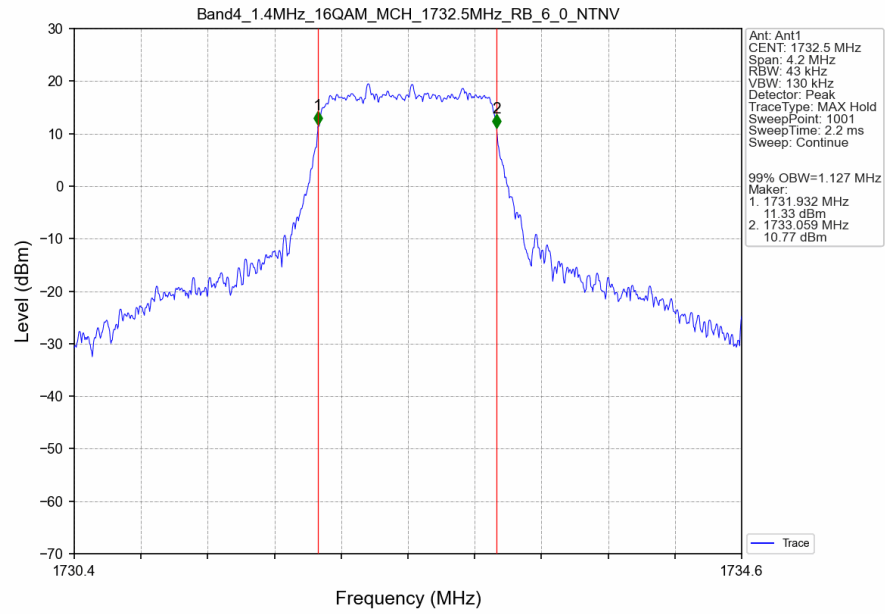
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



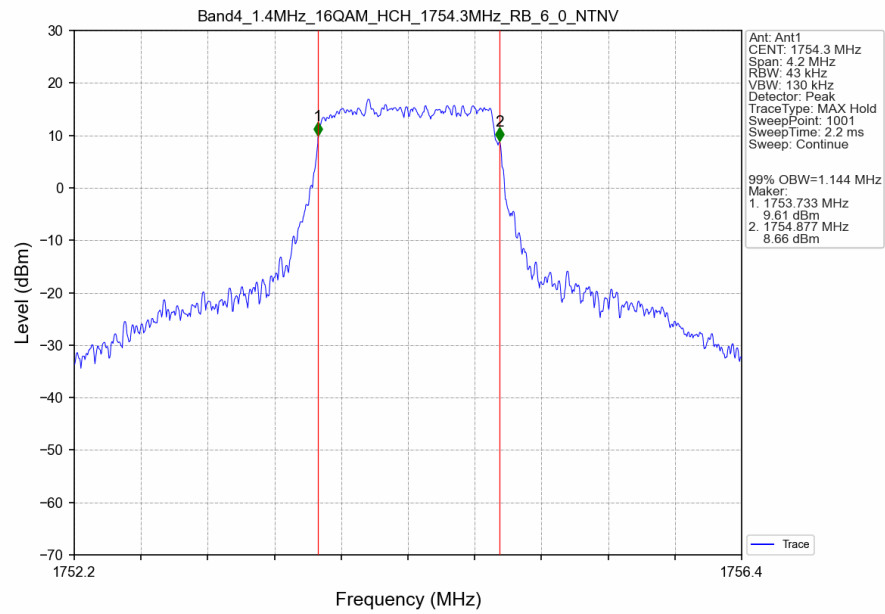
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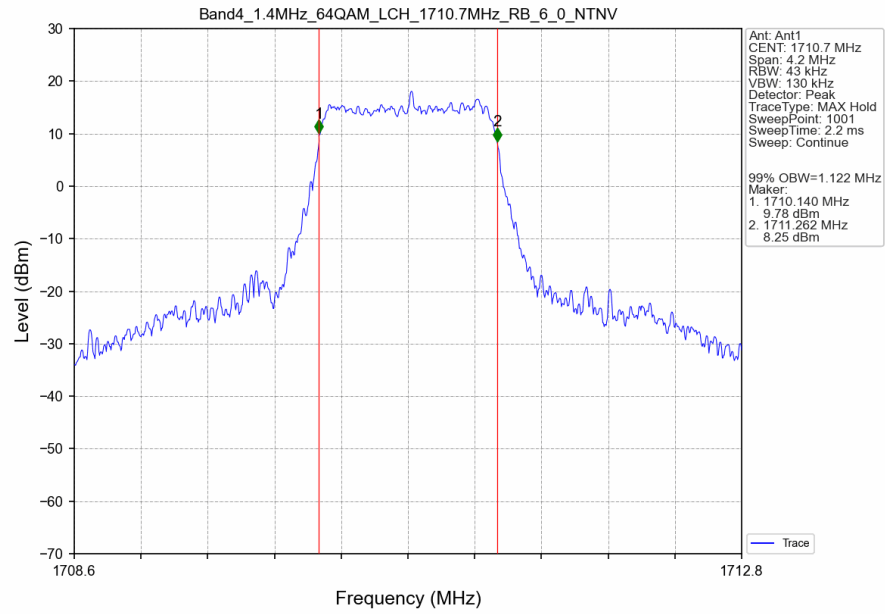
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 6_0 NTN



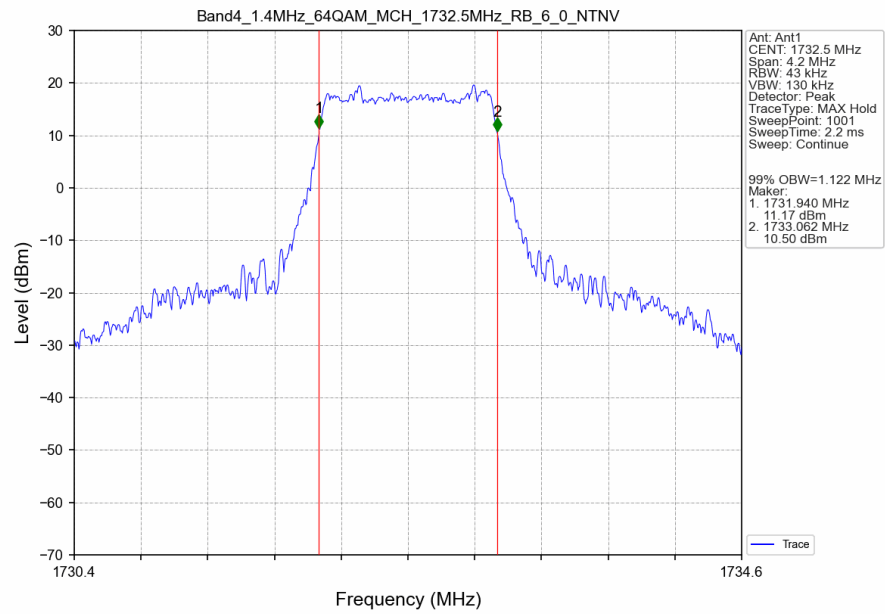
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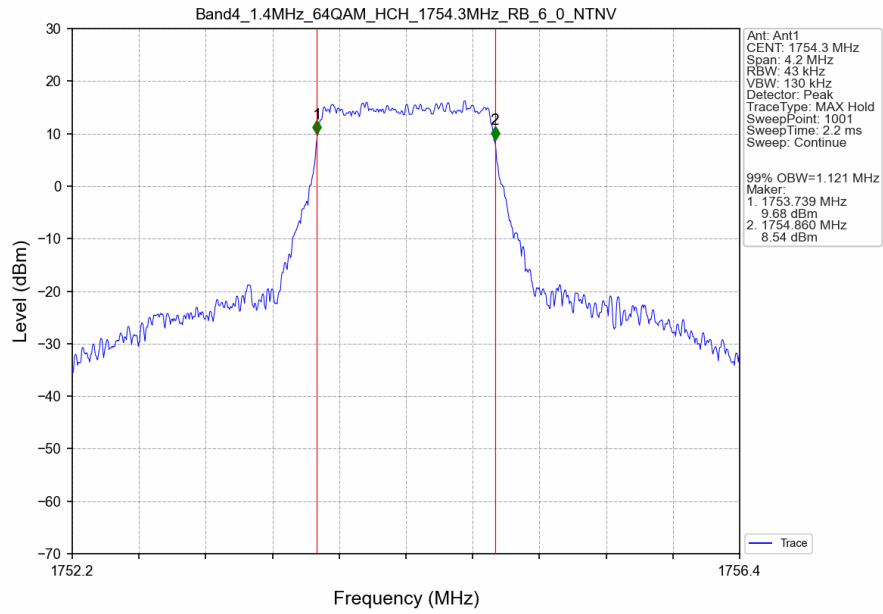
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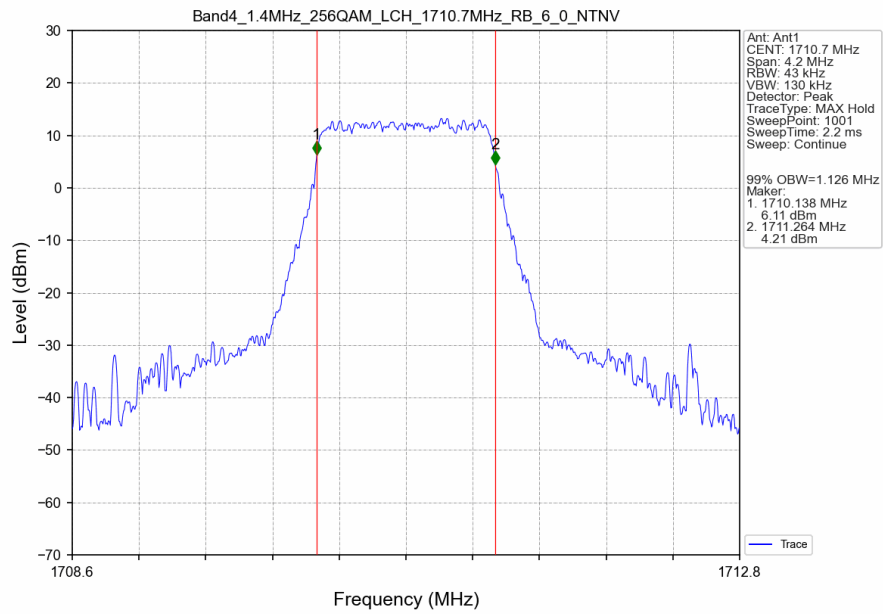
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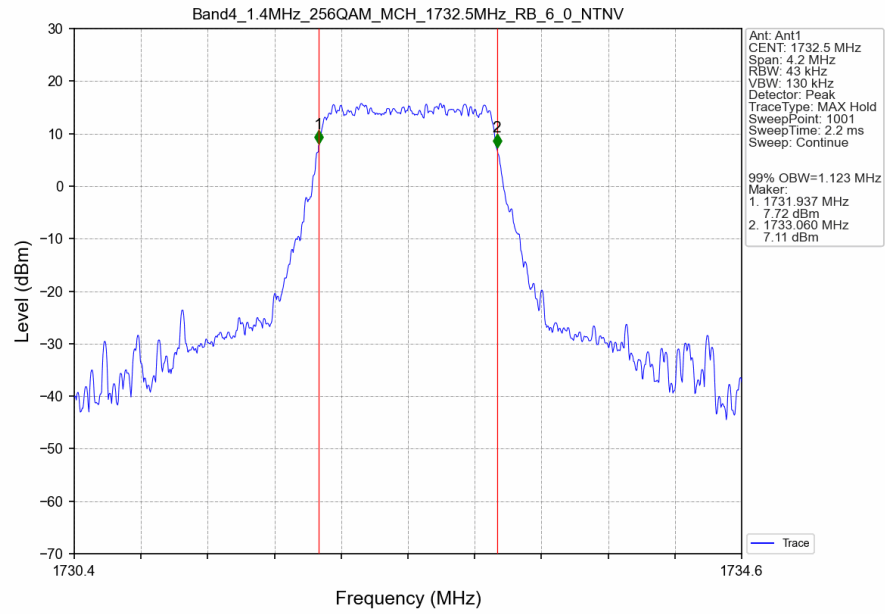
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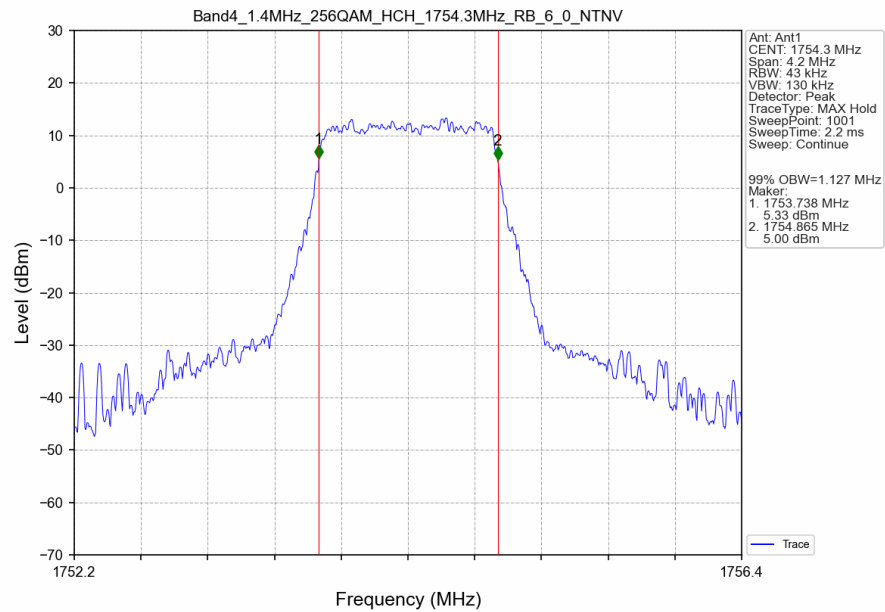
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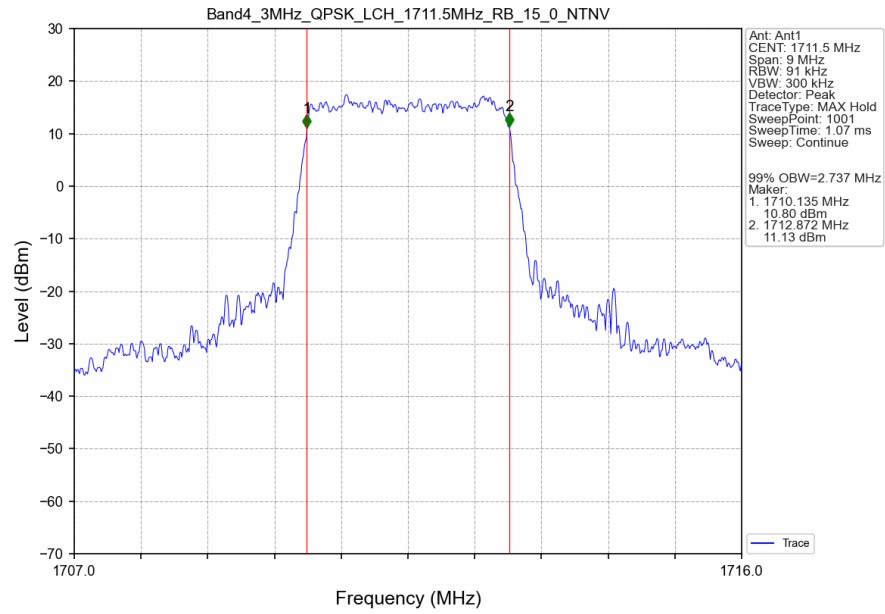
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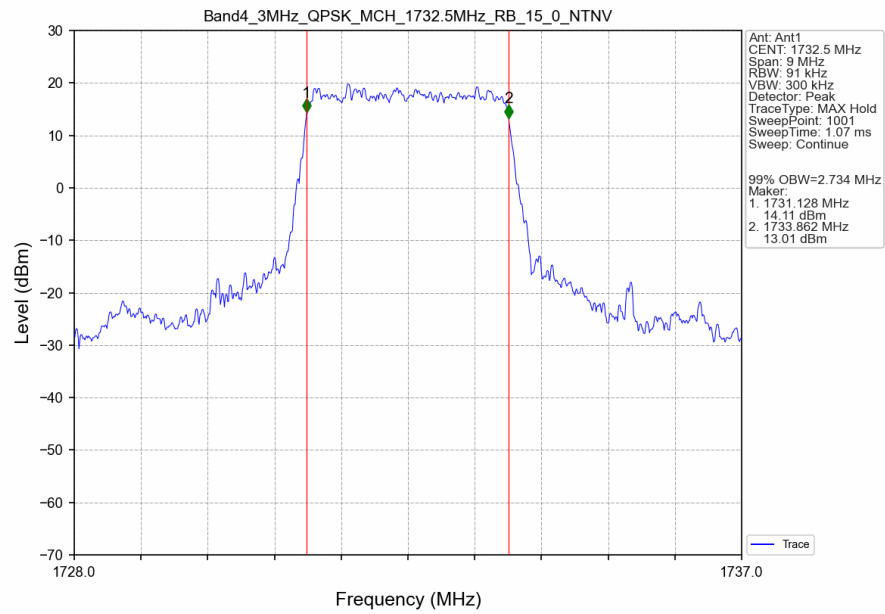
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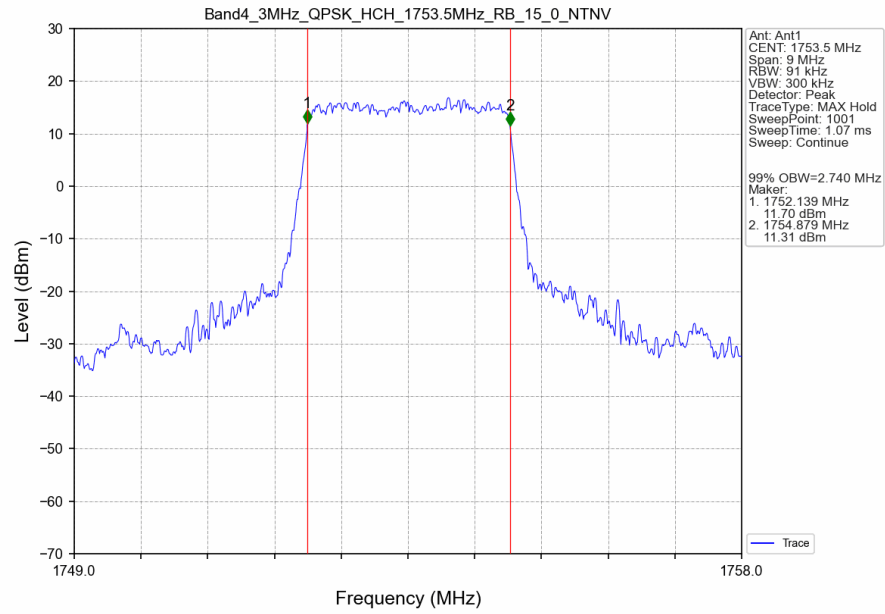
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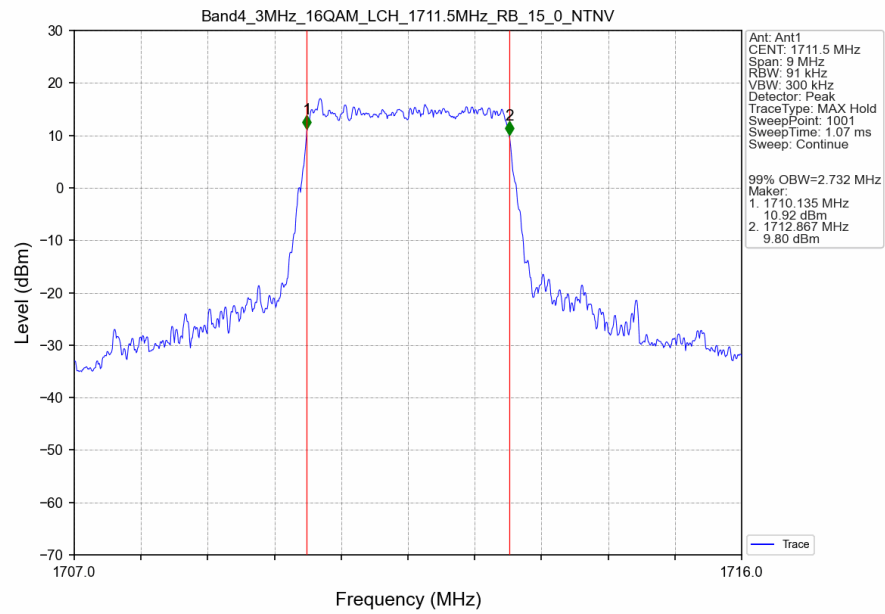
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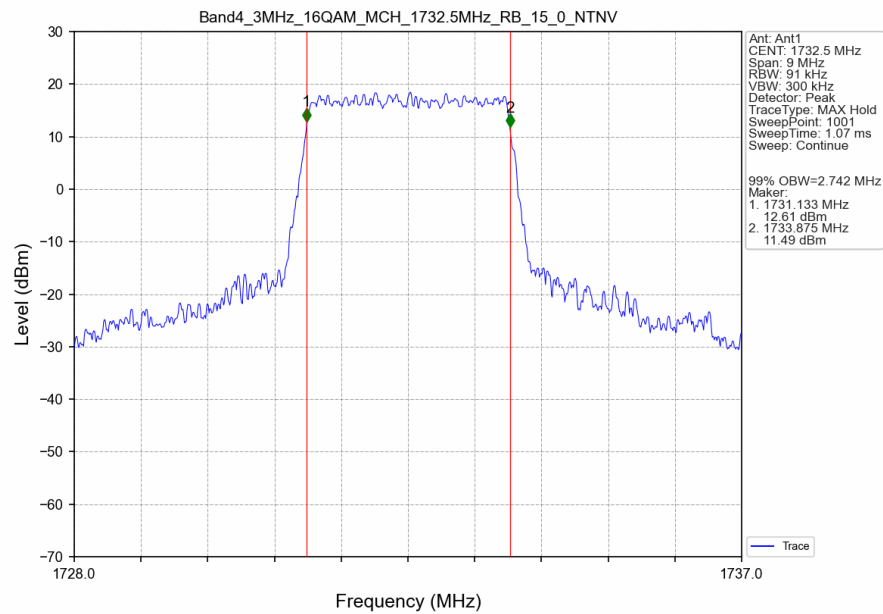
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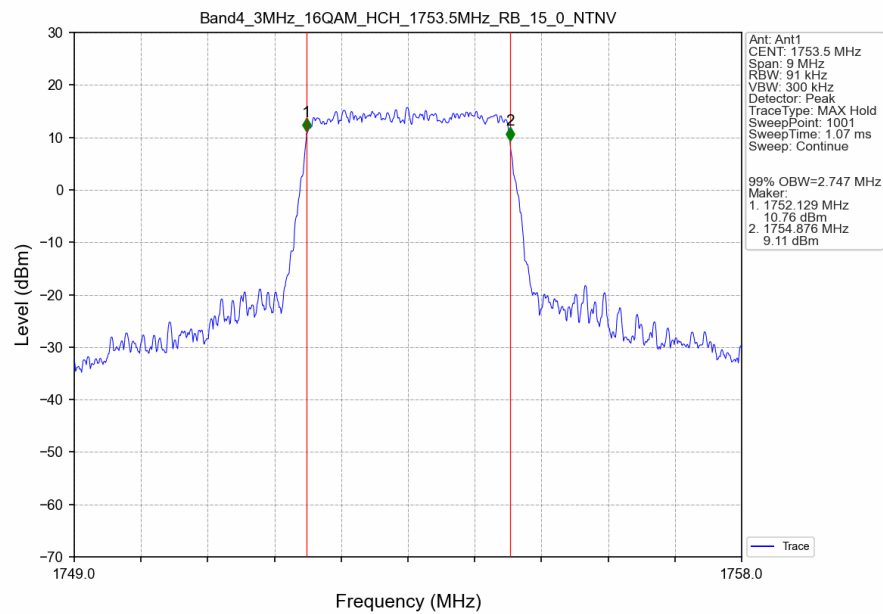
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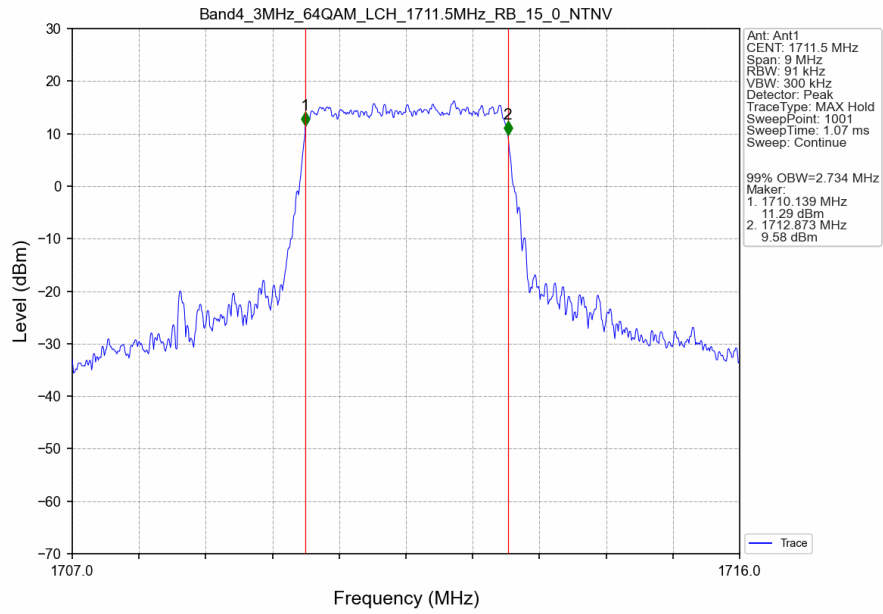
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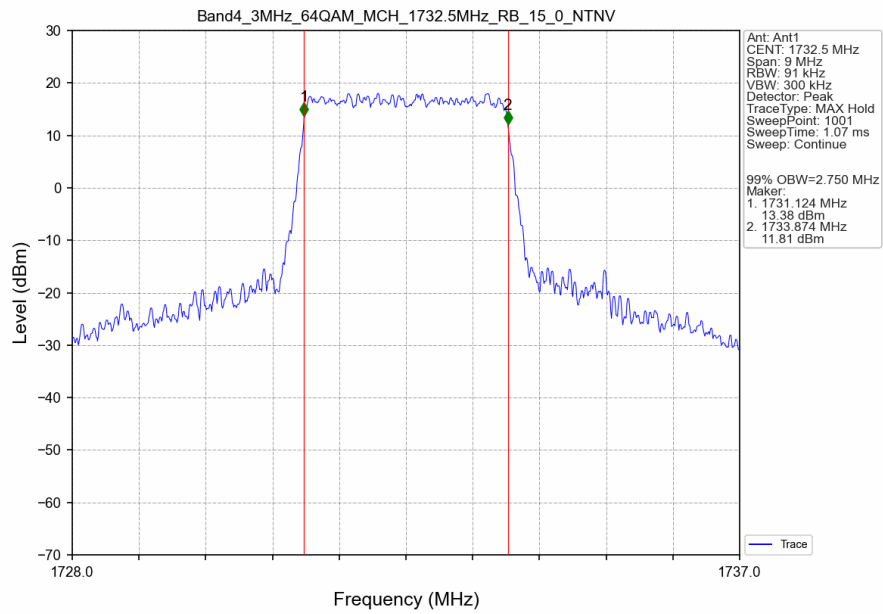
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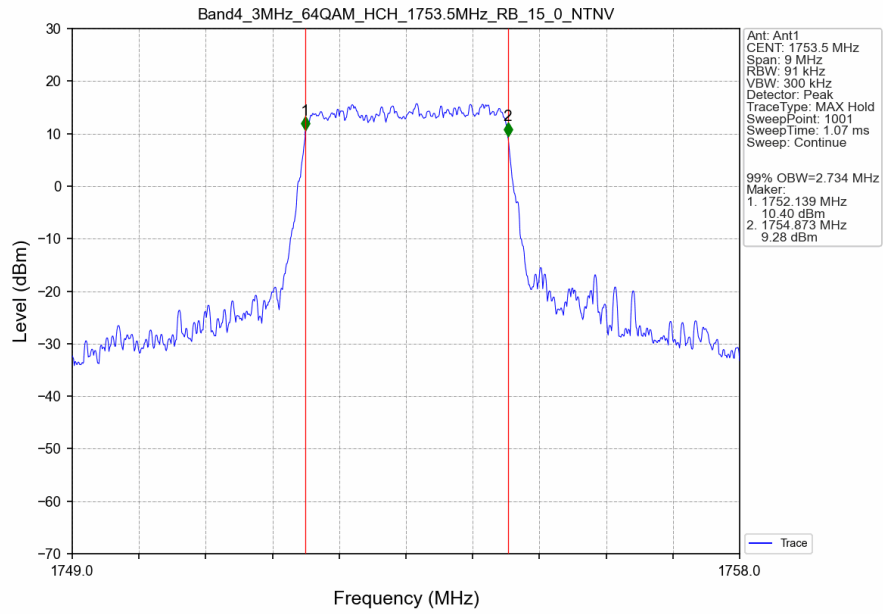
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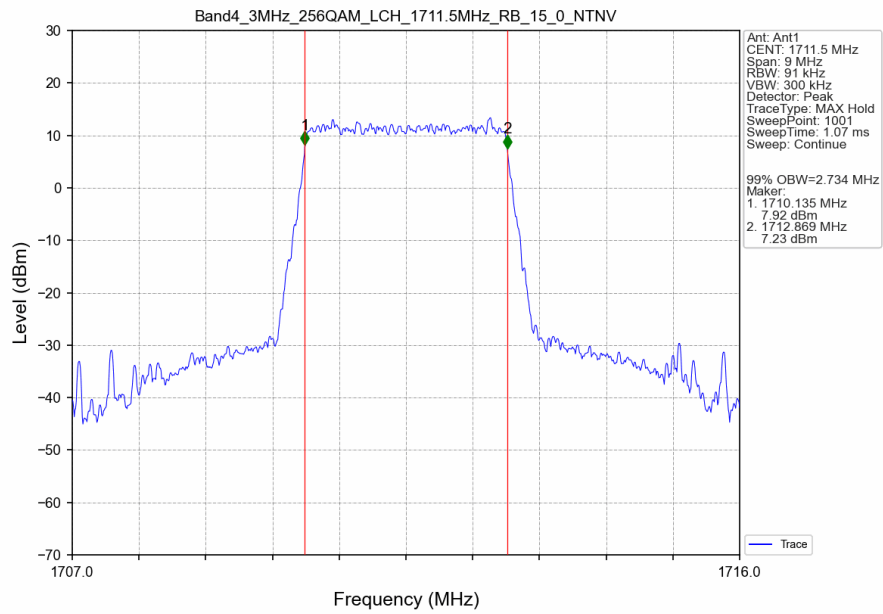
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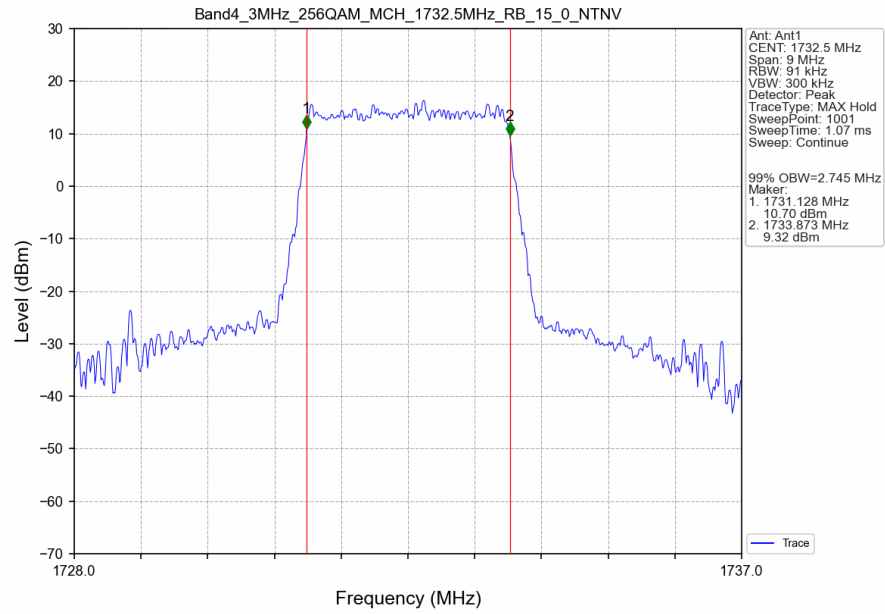
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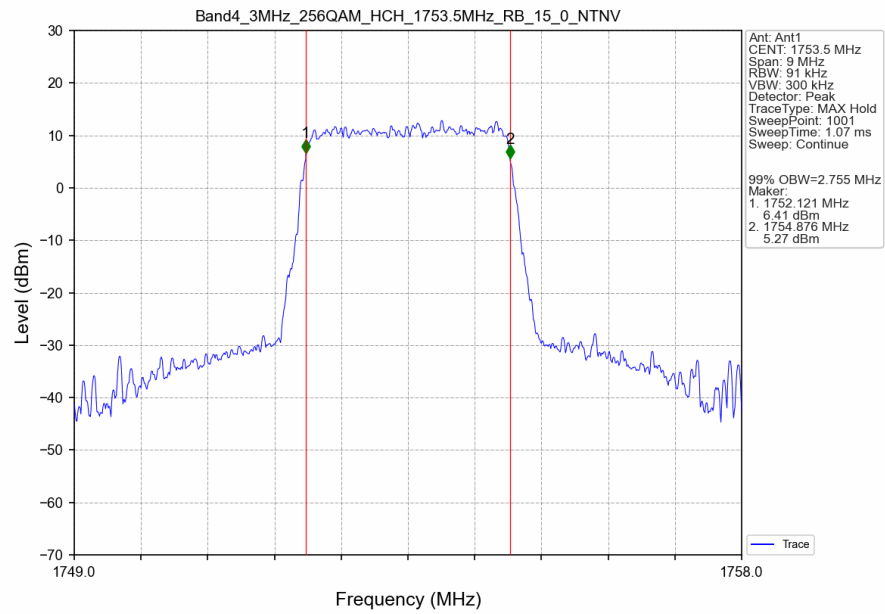
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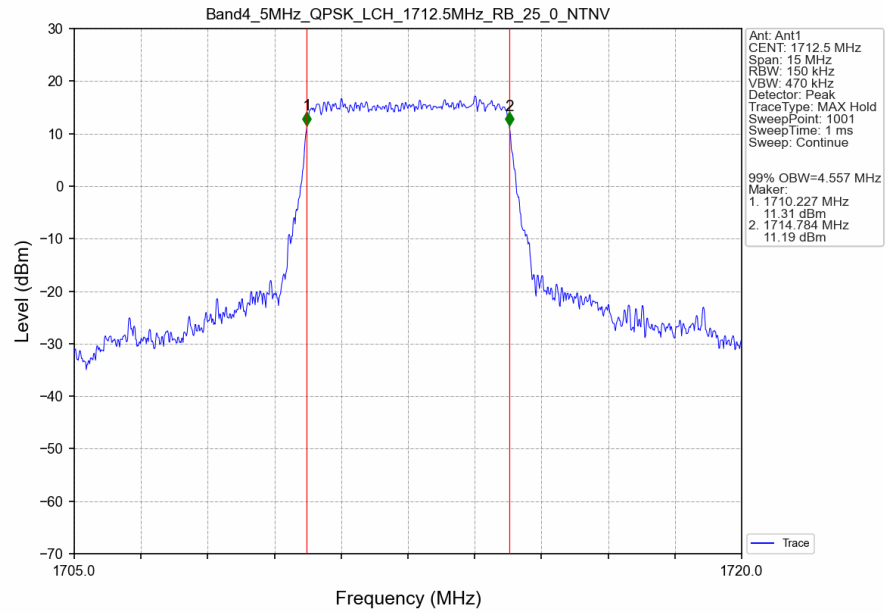
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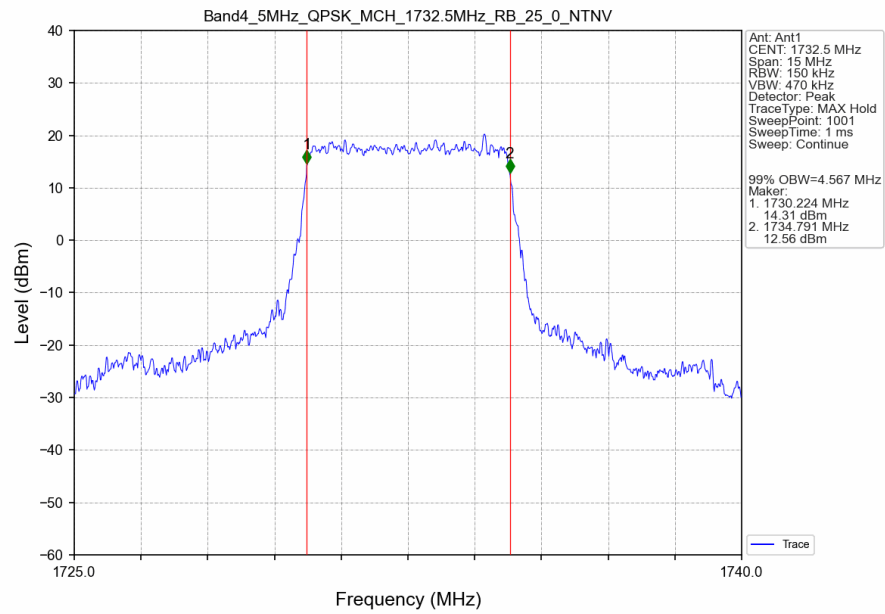
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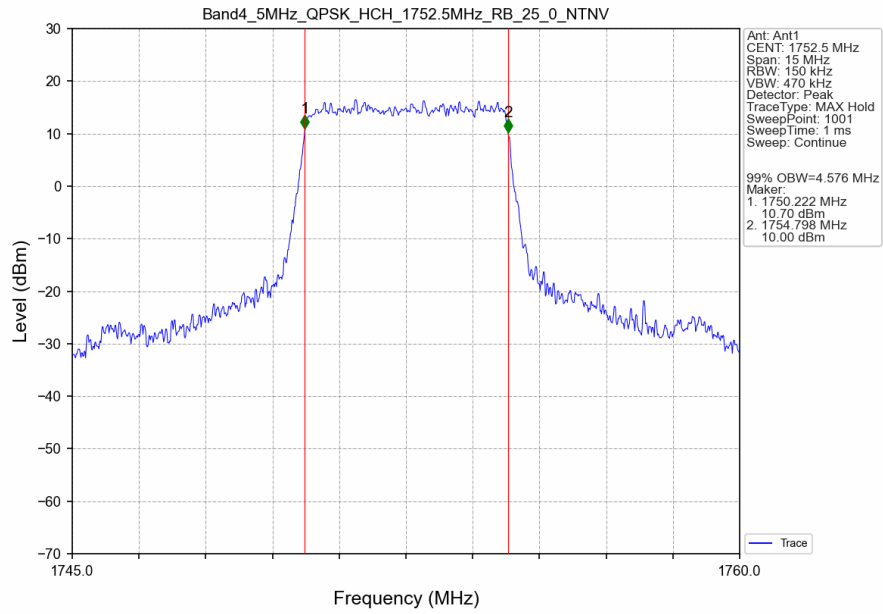
Band4 5MHz QPSK LCH 1712.5MHz RB 25_0 NTNV



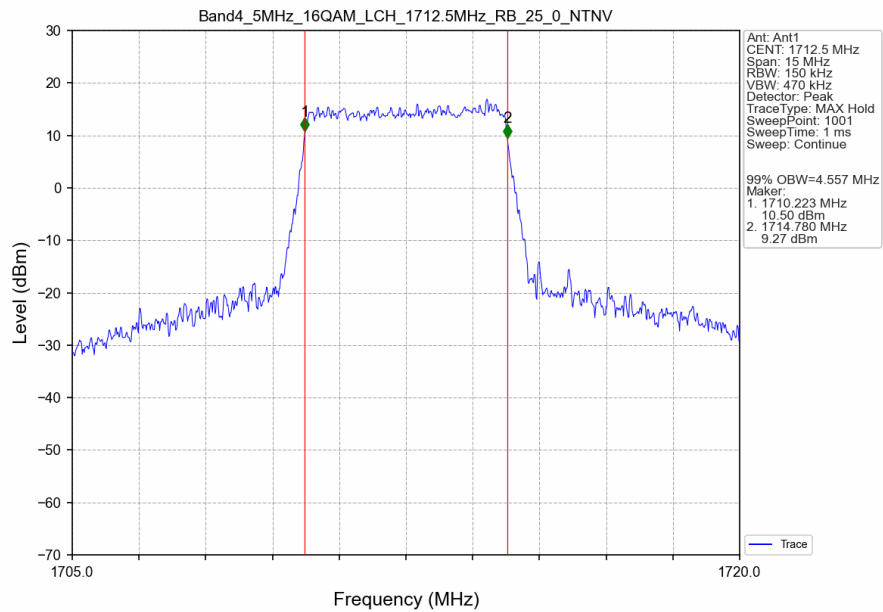
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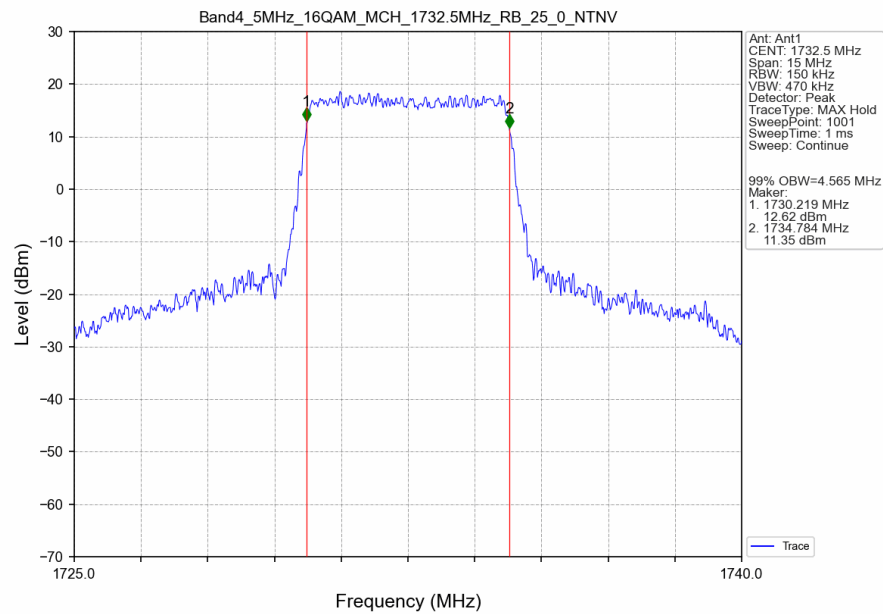
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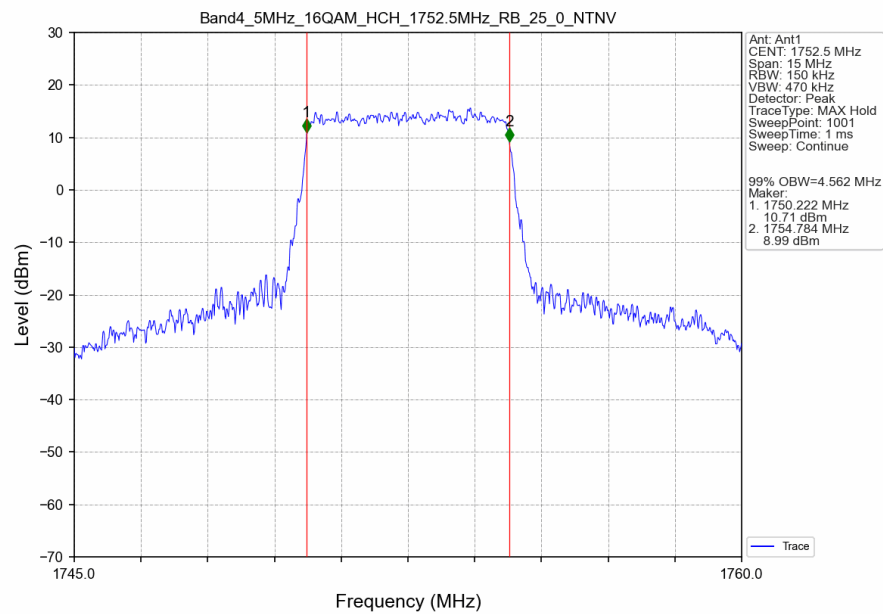
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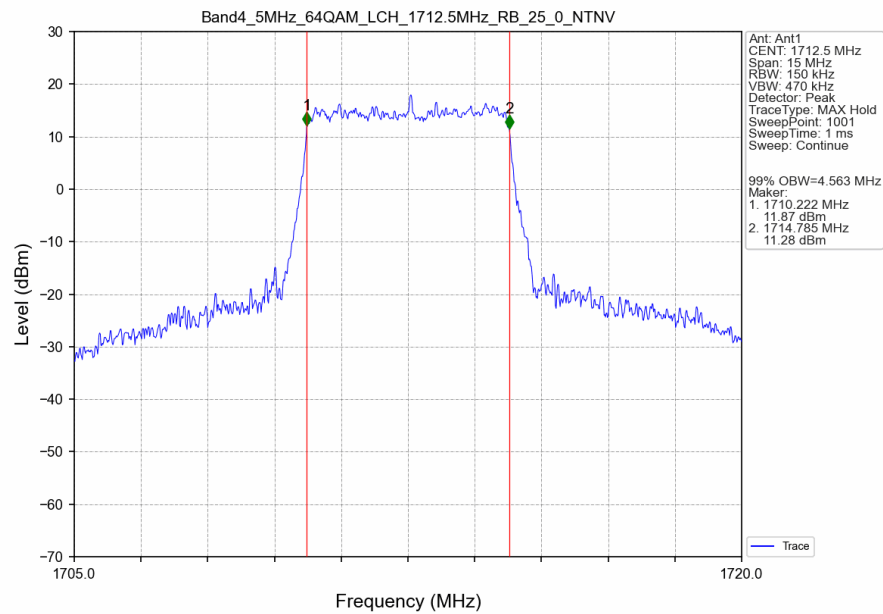
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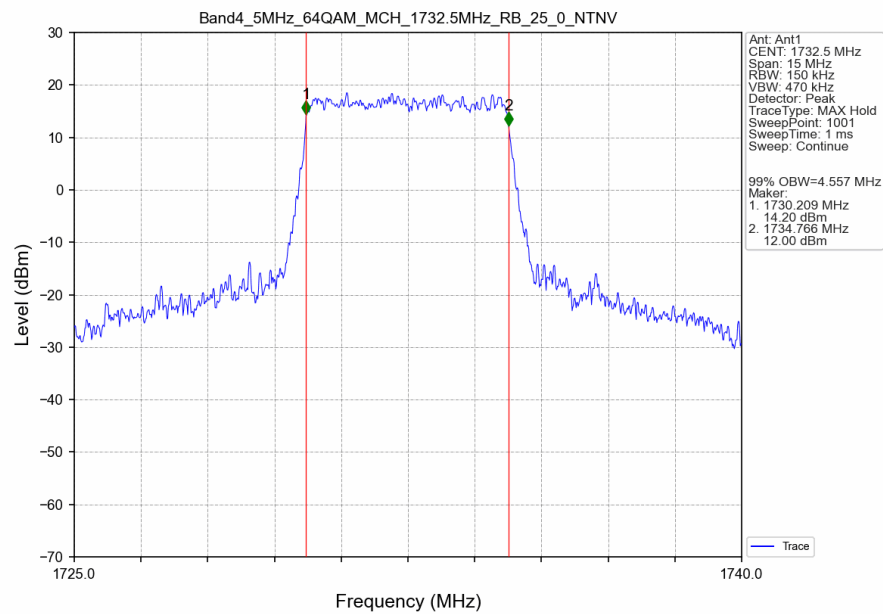
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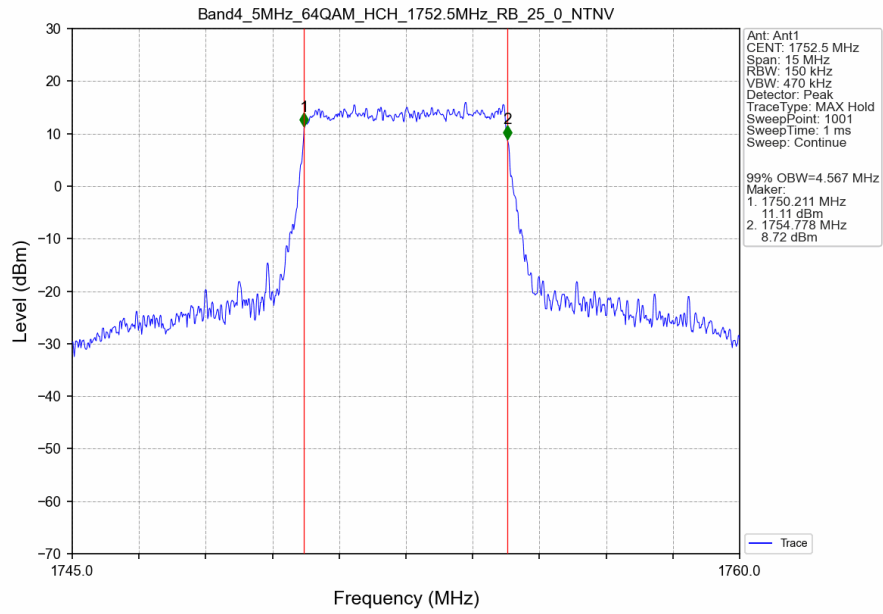
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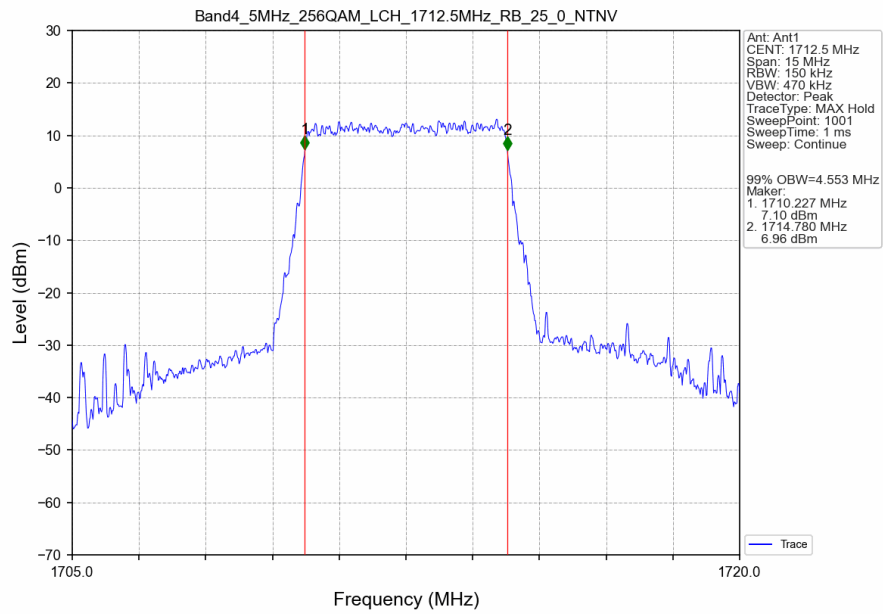
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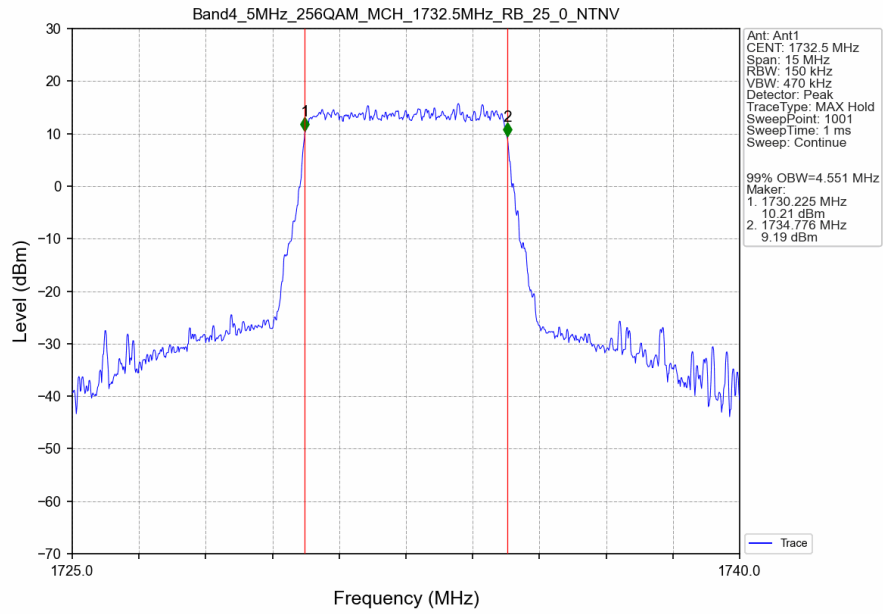
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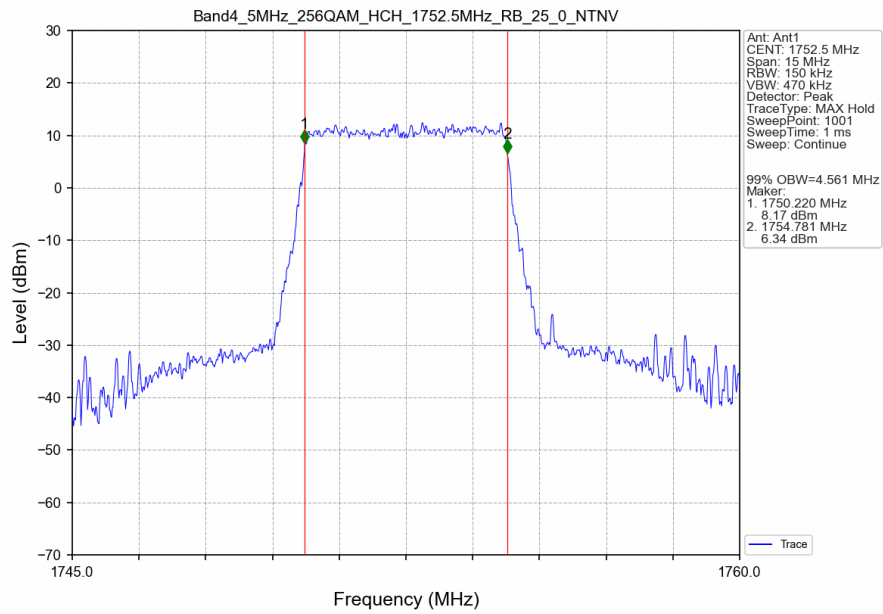
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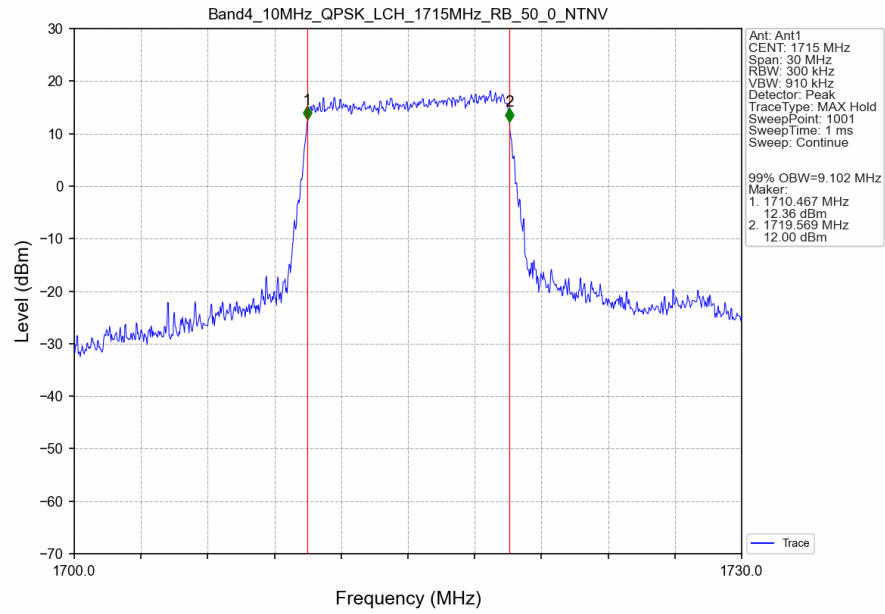
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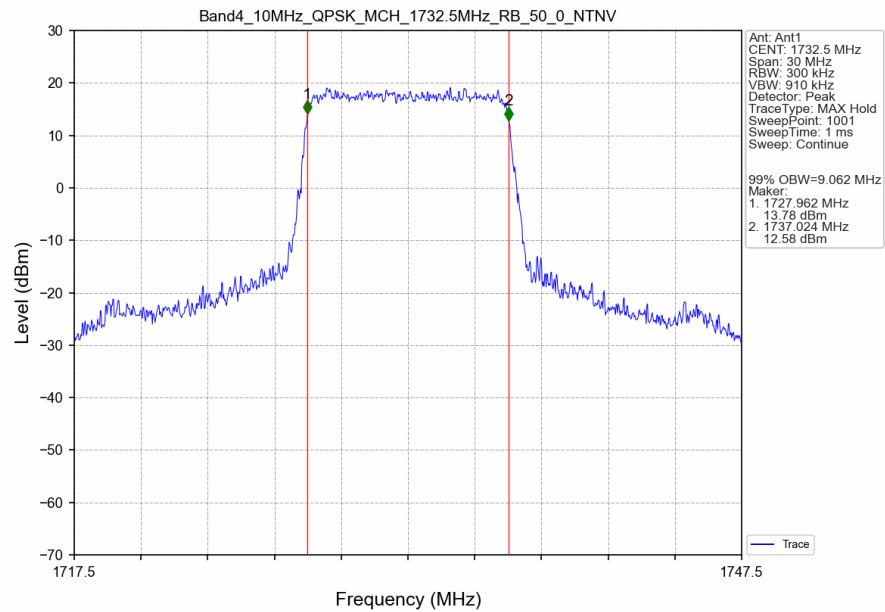
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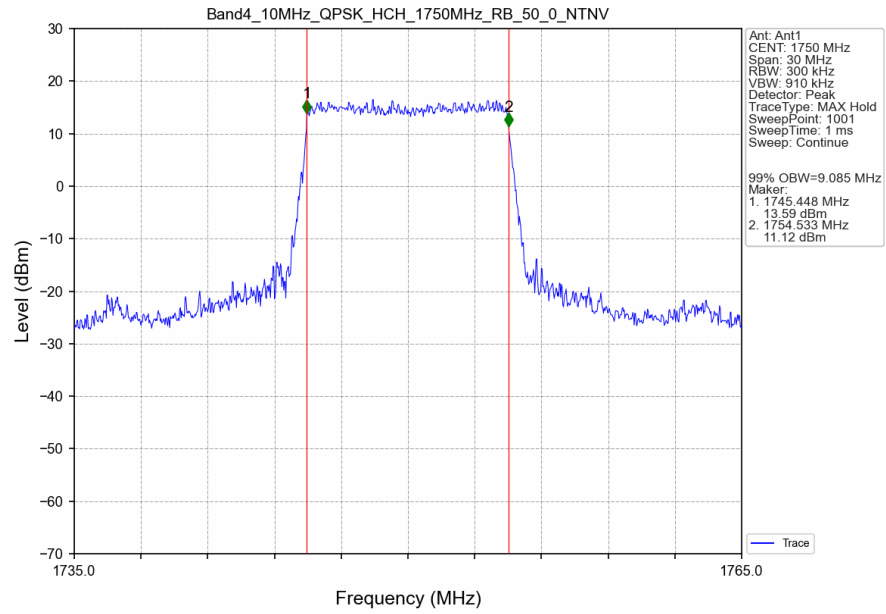
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



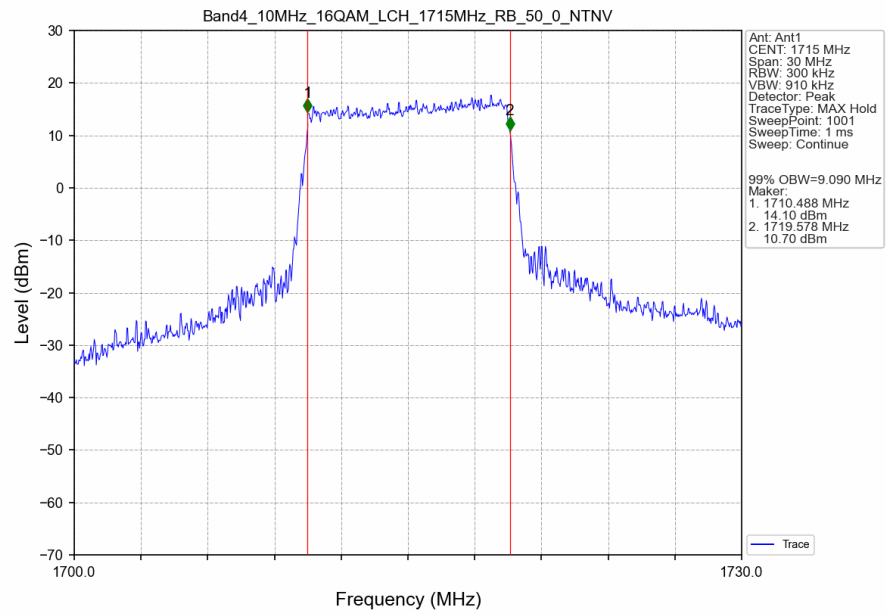
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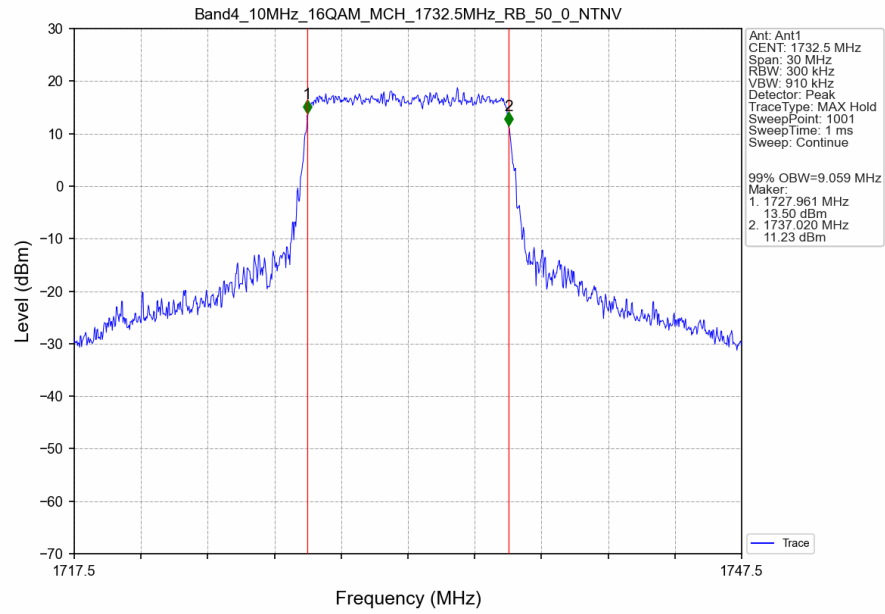
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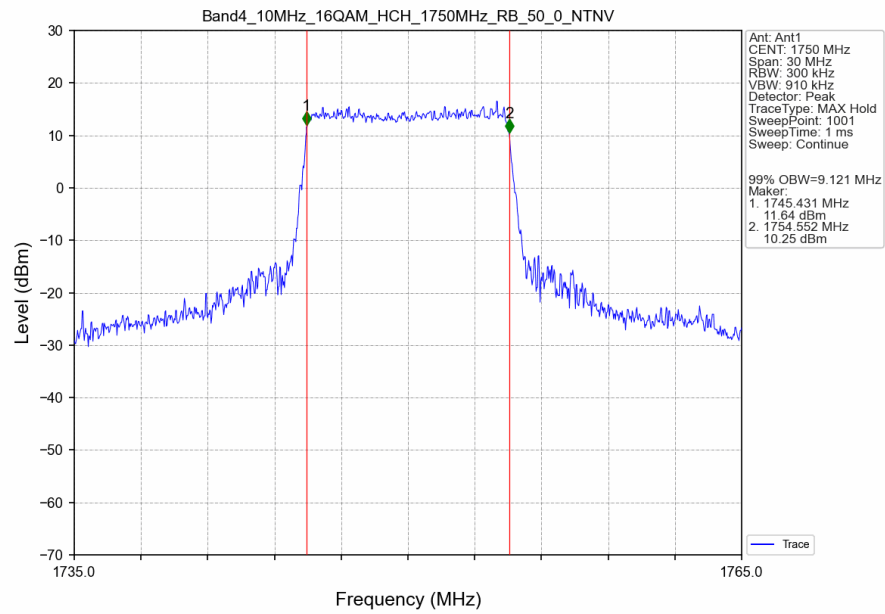
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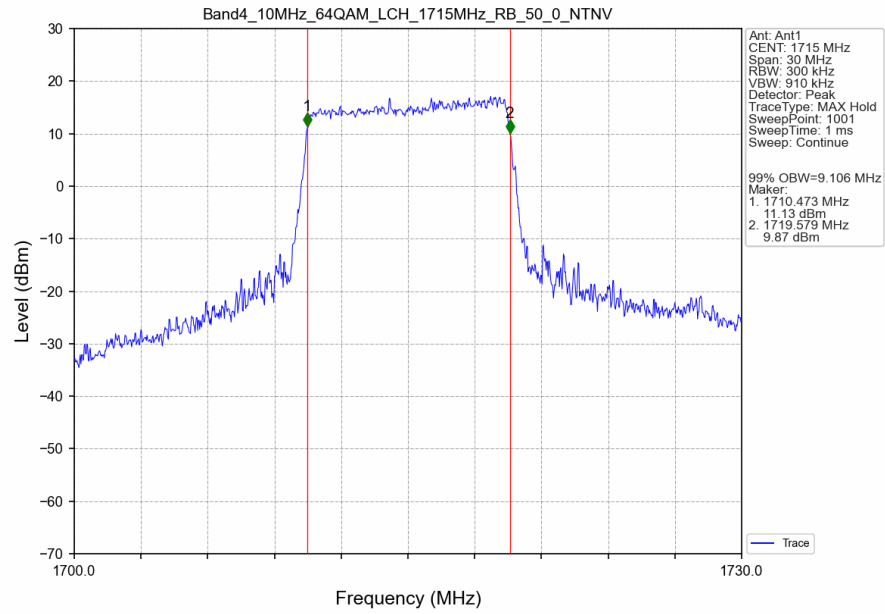
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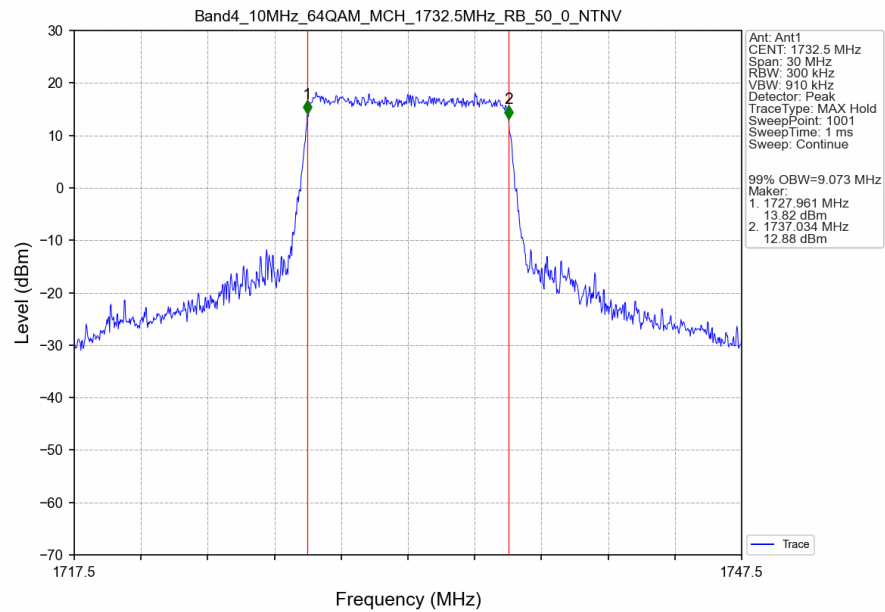
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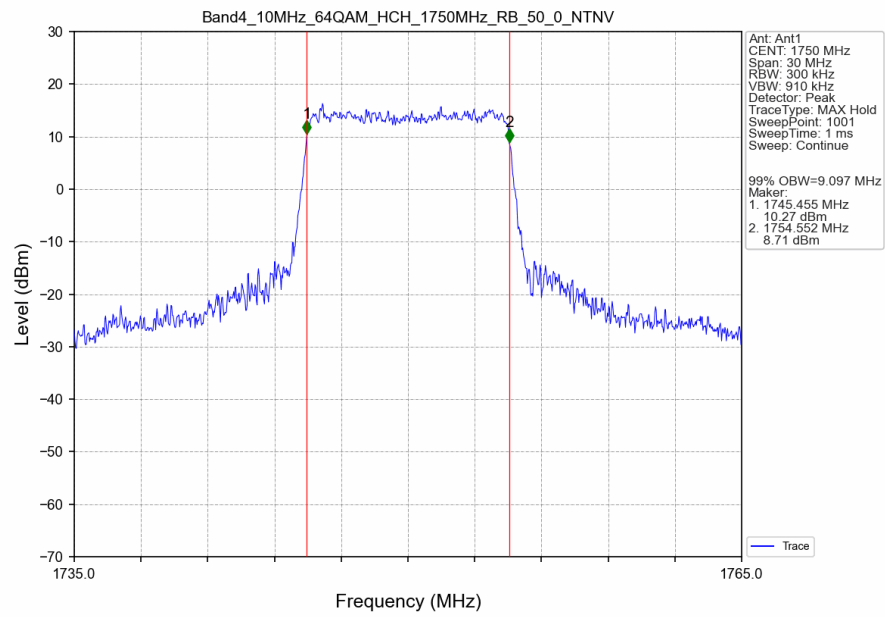
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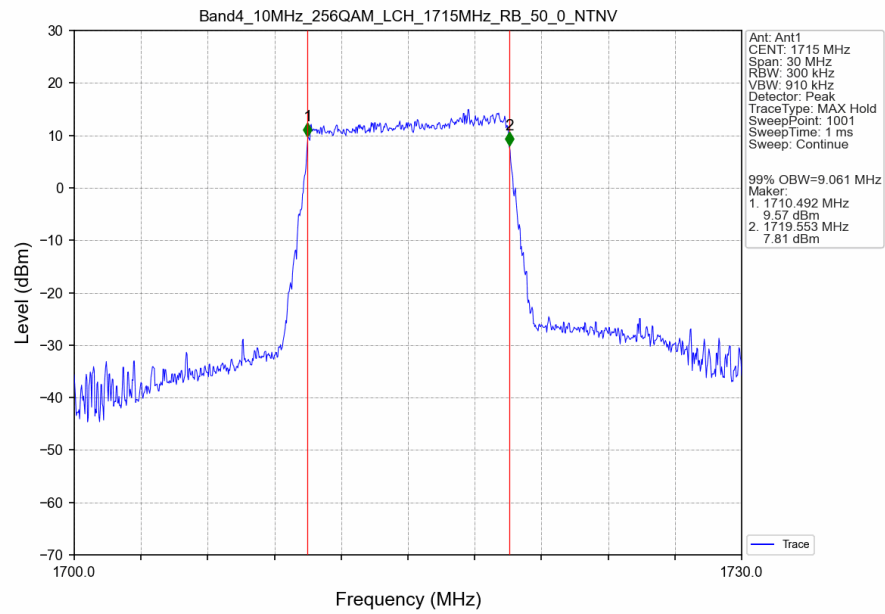
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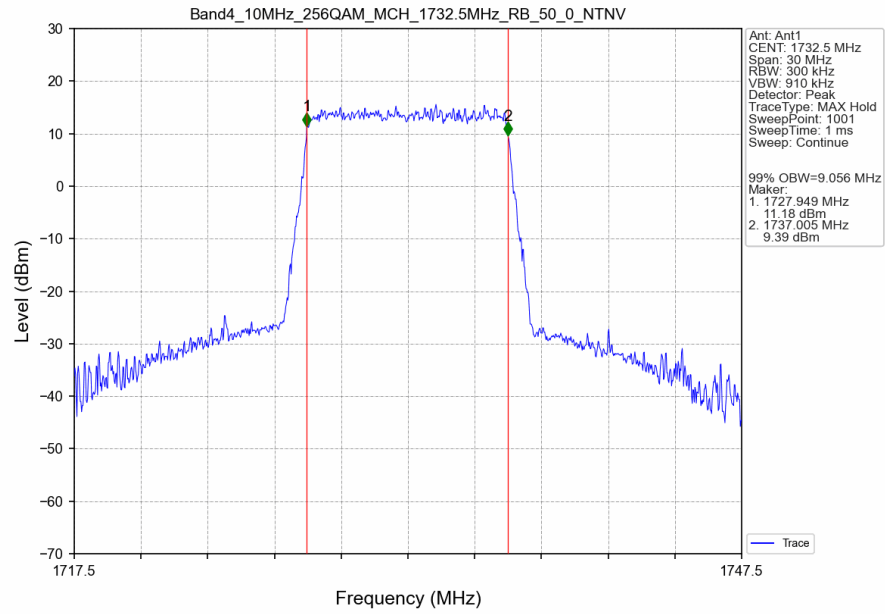
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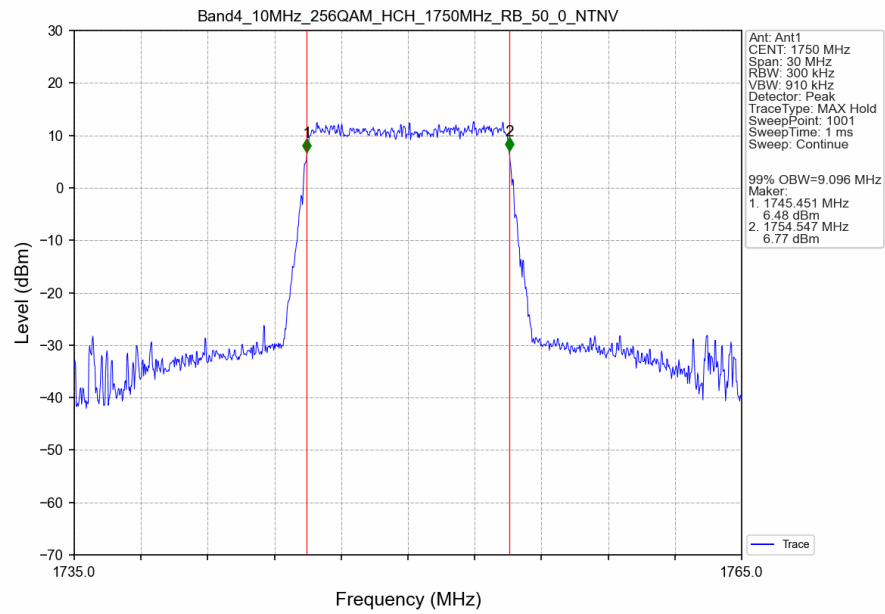
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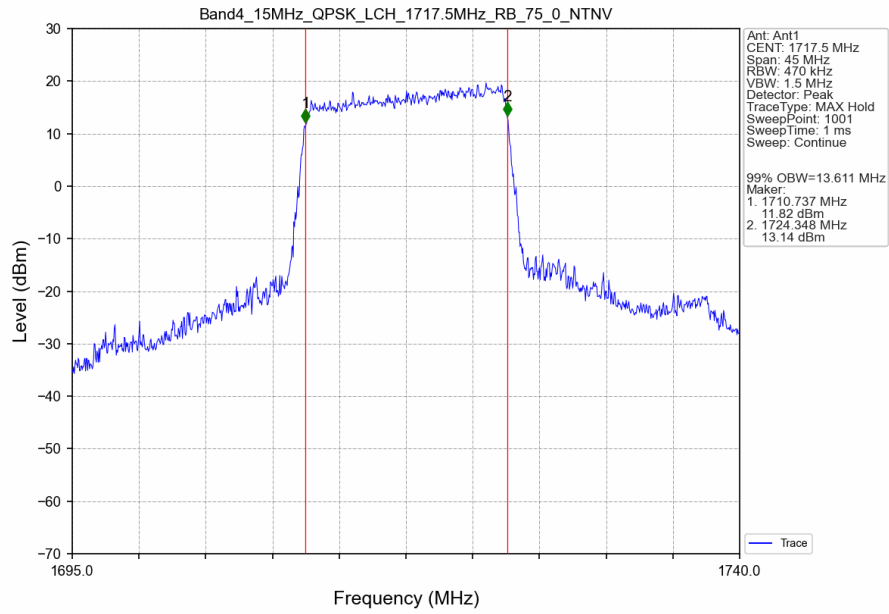
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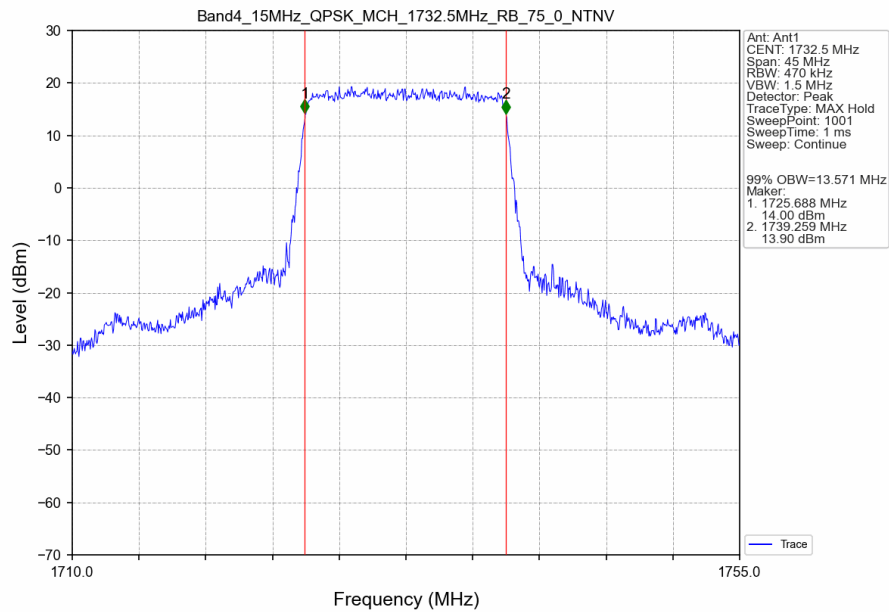
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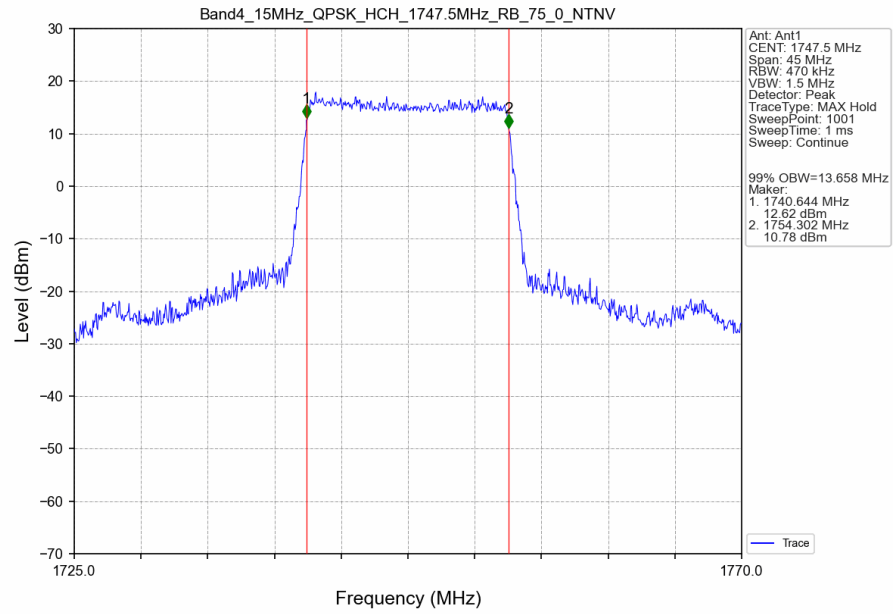
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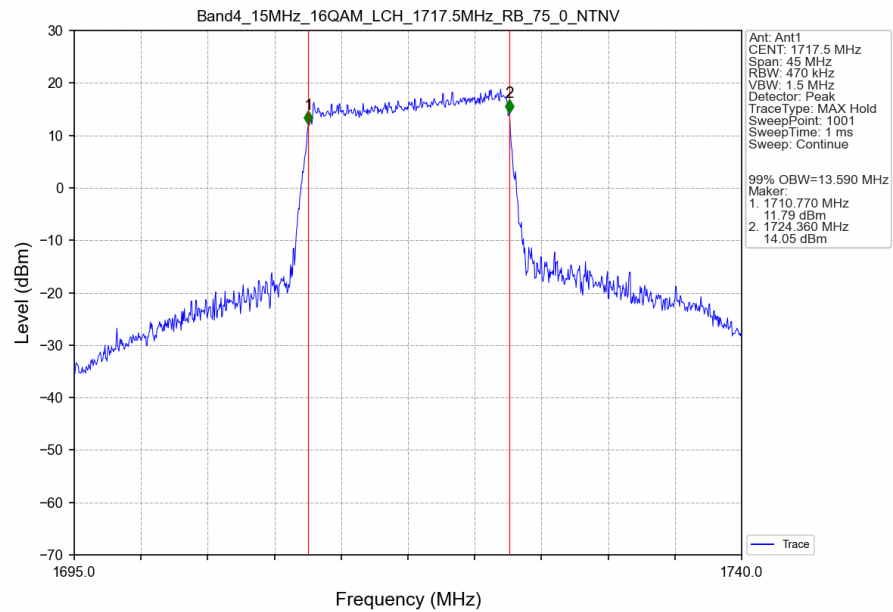
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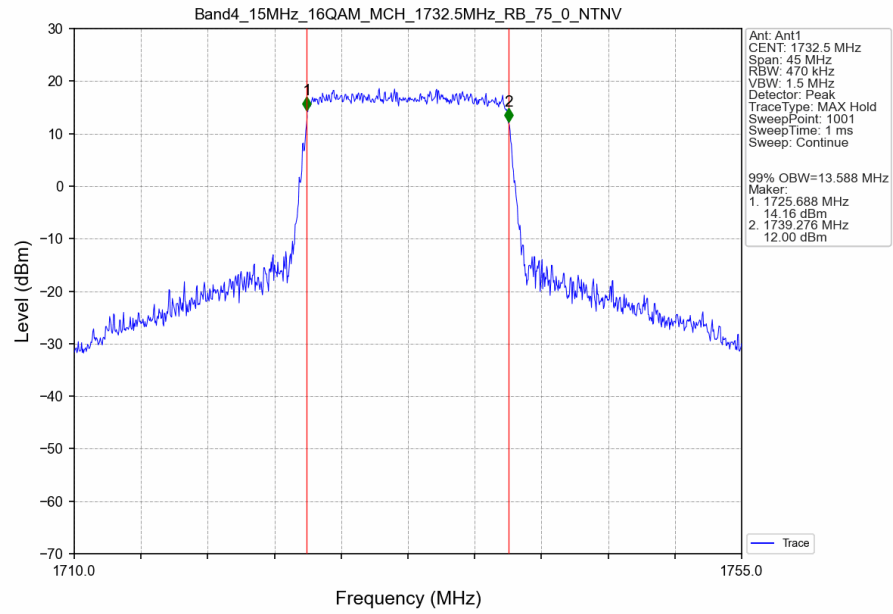
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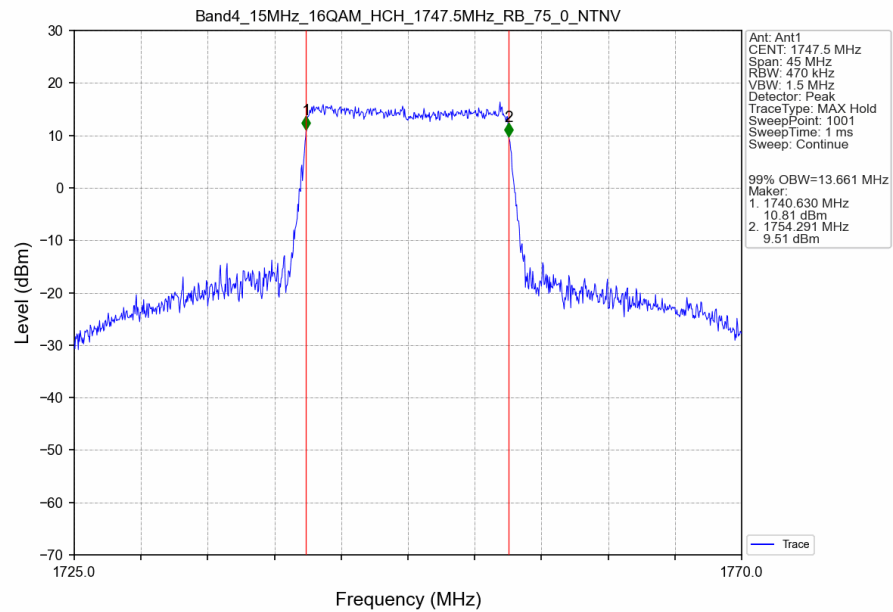
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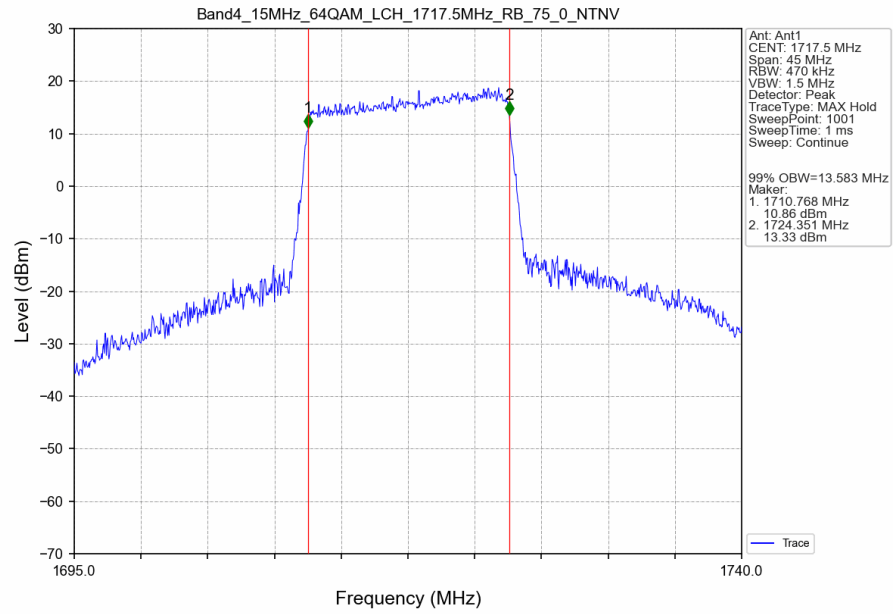
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Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



Band4 15MHz 64QAM LCH 1717.5MHz RB 75 0 NTN



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

