

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	23.27	-3.10	20.17	<=30	Pass
			2	23.25	-3.10	20.15	<=30	Pass
			5	23.15	-3.10	20.05	<=30	Pass
		3	0	23.21	-3.10	20.11	<=30	Pass
			2	23.17	-3.10	20.07	<=30	Pass
			3	23.12	-3.10	20.02	<=30	Pass
		6	0	22.21	-3.10	19.11	<=30	Pass
	1732.5	1	0	23.19	-3.10	20.09	<=30	Pass
			2	23.14	-3.10	20.04	<=30	Pass
			5	23.09	-3.10	19.99	<=30	Pass
		3	0	23.10	-3.10	20.00	<=30	Pass
			2	23.12	-3.10	20.02	<=30	Pass
			3	23.09	-3.10	19.99	<=30	Pass
		6	0	22.19	-3.10	19.09	<=30	Pass
	1754.3	1	0	22.62	-3.10	19.52	<=30	Pass
			2	22.54	-3.10	19.44	<=30	Pass
			5	22.43	-3.10	19.33	<=30	Pass
		3	0	22.53	-3.10	19.43	<=30	Pass
			2	22.45	-3.10	19.35	<=30	Pass
			3	22.44	-3.10	19.34	<=30	Pass
		6	0	21.56	-3.10	18.46	<=30	Pass
16QAM	1710.7	1	0	22.65	-3.10	19.55	<=30	Pass
			2	22.47	-3.10	19.37	<=30	Pass
			5	22.44	-3.10	19.34	<=30	Pass
		3	0	22.27	-3.10	19.17	<=30	Pass
			2	22.29	-3.10	19.19	<=30	Pass
			3	22.18	-3.10	19.08	<=30	Pass
		6	0	21.40	-3.10	18.30	<=30	Pass
	1732.5	1	0	22.40	-3.10	19.30	<=30	Pass
			2	22.46	-3.10	19.36	<=30	Pass
			5	22.45	-3.10	19.35	<=30	Pass
		3	0	22.26	-3.10	19.16	<=30	Pass
			2	22.17	-3.10	19.07	<=30	Pass
			3	22.26	-3.10	19.16	<=30	Pass
		6	0	21.38	-3.10	18.28	<=30	Pass
	1754.3	1	0	21.85	-3.10	18.75	<=30	Pass
			2	21.81	-3.10	18.71	<=30	Pass
			5	21.69	-3.10	18.59	<=30	Pass
		3	0	21.66	-3.10	18.56	<=30	Pass
			2	21.59	-3.10	18.49	<=30	Pass
			3	21.57	-3.10	18.47	<=30	Pass
		6	0	20.75	-3.10	17.65	<=30	Pass
64QAM	1710.7	1	0	21.53	-3.10	18.43	<=30	Pass
			2	21.47	-3.10	18.37	<=30	Pass
			5	21.39	-3.10	18.29	<=30	Pass
		3	0	21.46	-3.10	18.36	<=30	Pass
			2	21.40	-3.10	18.30	<=30	Pass
			3	21.40	-3.10	18.30	<=30	Pass
		6	0	20.37	-3.10	17.27	<=30	Pass

	1732.5	1	0	21.47	-3.10	18.37	<=30	Pass
			2	21.53	-3.10	18.43	<=30	Pass
			5	21.45	-3.10	18.35	<=30	Pass
		3	0	21.34	-3.10	18.24	<=30	Pass
			2	21.43	-3.10	18.33	<=30	Pass
			3	21.42	-3.10	18.32	<=30	Pass
		6	0	20.26	-3.10	17.16	<=30	Pass
	1754.3	1	0	20.86	-3.10	17.76	<=30	Pass
			2	20.87	-3.10	17.77	<=30	Pass
			5	20.72	-3.10	17.62	<=30	Pass
		3	0	20.80	-3.10	17.70	<=30	Pass
			2	20.77	-3.10	17.67	<=30	Pass
			3	20.75	-3.10	17.65	<=30	Pass
		6	0	19.74	-3.10	16.64	<=30	Pass
256QAM	1710.7	1	0	18.59	-3.10	15.49	<=30	Pass
			2	18.50	-3.10	15.40	<=30	Pass
			5	18.38	-3.10	15.28	<=30	Pass
		3	0	18.45	-3.10	15.35	<=30	Pass
			2	18.42	-3.10	15.32	<=30	Pass
			3	18.44	-3.10	15.34	<=30	Pass
		6	0	18.37	-3.10	15.27	<=30	Pass
	1732.5	1	0	18.32	-3.10	15.22	<=30	Pass
			2	18.43	-3.10	15.33	<=30	Pass
			5	18.37	-3.10	15.27	<=30	Pass
		3	0	18.31	-3.10	15.21	<=30	Pass
			2	18.36	-3.10	15.26	<=30	Pass
			3	18.29	-3.10	15.19	<=30	Pass
		6	0	18.22	-3.10	15.12	<=30	Pass
	1754.3	1	0	18.04	-3.10	14.94	<=30	Pass
			2	18.00	-3.10	14.90	<=30	Pass
			5	17.87	-3.10	14.77	<=30	Pass
		3	0	17.96	-3.10	14.86	<=30	Pass
			2	17.91	-3.10	14.81	<=30	Pass
			3	17.84	-3.10	14.74	<=30	Pass
		6	0	17.88	-3.10	14.78	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.41	-3.10	20.31	<=30	Pass
			7	23.17	-3.10	20.07	<=30	Pass
			14	23.08	-3.10	19.98	<=30	Pass
		8	0	22.33	-3.10	19.23	<=30	Pass
			4	22.20	-3.10	19.10	<=30	Pass
			7	22.18	-3.10	19.08	<=30	Pass
		15	0	22.25	-3.10	19.15	<=30	Pass
	1732.5	1	0	23.21	-3.10	20.11	<=30	Pass
			7	23.16	-3.10	20.06	<=30	Pass
			14	23.15	-3.10	20.05	<=30	Pass
		8	0	22.32	-3.10	19.22	<=30	Pass
			4	22.29	-3.10	19.19	<=30	Pass
			7	22.27	-3.10	19.17	<=30	Pass
		15	0	22.30	-3.10	19.20	<=30	Pass
	1753.5	1	0	22.98	-3.10	19.88	<=30	Pass

		8	7	22.60	-3.10	19.50	<=30	Pass
			14	22.47	-3.10	19.37	<=30	Pass
			0	21.79	-3.10	18.69	<=30	Pass
			4	21.68	-3.10	18.58	<=30	Pass
			7	21.62	-3.10	18.52	<=30	Pass
		15	0	21.72	-3.10	18.62	<=30	Pass
16QAM	1711.5	1	0	22.73	-3.10	19.63	<=30	Pass
			7	22.42	-3.10	19.32	<=30	Pass
			14	22.40	-3.10	19.30	<=30	Pass
		8	0	21.47	-3.10	18.37	<=30	Pass
			4	21.35	-3.10	18.25	<=30	Pass
			7	21.32	-3.10	18.22	<=30	Pass
		15	0	21.37	-3.10	18.27	<=30	Pass
	1732.5	1	0	22.41	-3.10	19.31	<=30	Pass
			7	22.43	-3.10	19.33	<=30	Pass
			14	22.40	-3.10	19.30	<=30	Pass
		8	0	21.33	-3.10	18.23	<=30	Pass
			4	21.40	-3.10	18.30	<=30	Pass
			7	21.40	-3.10	18.30	<=30	Pass
		15	0	21.33	-3.10	18.23	<=30	Pass
	1753.5	1	0	22.29	-3.10	19.19	<=30	Pass
			7	21.91	-3.10	18.81	<=30	Pass
			14	21.82	-3.10	18.72	<=30	Pass
		8	0	20.97	-3.10	17.87	<=30	Pass
			4	20.86	-3.10	17.76	<=30	Pass
			7	20.78	-3.10	17.68	<=30	Pass
		15	0	20.82	-3.10	17.72	<=30	Pass
64QAM	1711.5	1	0	21.66	-3.10	18.56	<=30	Pass
			7	21.49	-3.10	18.39	<=30	Pass
			14	21.34	-3.10	18.24	<=30	Pass
		8	0	20.44	-3.10	17.34	<=30	Pass
			4	20.40	-3.10	17.30	<=30	Pass
			7	20.36	-3.10	17.26	<=30	Pass
		15	0	20.39	-3.10	17.29	<=30	Pass
	1732.5	1	0	21.38	-3.10	18.28	<=30	Pass
			7	21.52	-3.10	18.42	<=30	Pass
			14	21.45	-3.10	18.35	<=30	Pass
		8	0	20.37	-3.10	17.27	<=30	Pass
			4	20.34	-3.10	17.24	<=30	Pass
			7	20.41	-3.10	17.31	<=30	Pass
		15	0	20.27	-3.10	17.17	<=30	Pass
	1753.5	1	0	21.17	-3.10	18.07	<=30	Pass
			7	20.93	-3.10	17.83	<=30	Pass
			14	20.83	-3.10	17.73	<=30	Pass
		8	0	20.03	-3.10	16.93	<=30	Pass
			4	19.88	-3.10	16.78	<=30	Pass
			7	19.87	-3.10	16.77	<=30	Pass
		15	0	19.89	-3.10	16.79	<=30	Pass
256QAM	1711.5	1	0	18.55	-3.10	15.45	<=30	Pass
			7	18.39	-3.10	15.29	<=30	Pass
			14	18.41	-3.10	15.31	<=30	Pass
		8	0	18.35	-3.10	15.25	<=30	Pass
			4	18.36	-3.10	15.26	<=30	Pass
			7	18.37	-3.10	15.27	<=30	Pass
		15	0	18.37	-3.10	15.27	<=30	Pass
	1732.5	1	0	18.31	-3.10	15.21	<=30	Pass
			7	18.39	-3.10	15.29	<=30	Pass
			14	18.40	-3.10	15.30	<=30	Pass
		8	0	18.27	-3.10	15.17	<=30	Pass

		15	4	18.30	-3.10	15.20	<=30	Pass
			7	18.31	-3.10	15.21	<=30	Pass
			0	18.27	-3.10	15.17	<=30	Pass
	1753.5	1	0	18.25	-3.10	15.15	<=30	Pass
			7	18.14	-3.10	15.04	<=30	Pass
			14	17.92	-3.10	14.82	<=30	Pass
		8	0	18.14	-3.10	15.04	<=30	Pass
			4	17.95	-3.10	14.85	<=30	Pass
			7	17.91	-3.10	14.81	<=30	Pass
		15	0	17.99	-3.10	14.89	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.47	-3.10	20.37	<=30	Pass
			13	23.09	-3.10	19.99	<=30	Pass
			24	22.89	-3.10	19.79	<=30	Pass
		12	0	22.30	-3.10	19.20	<=30	Pass
			6	22.14	-3.10	19.04	<=30	Pass
			13	22.03	-3.10	18.93	<=30	Pass
		25	0	22.20	-3.10	19.10	<=30	Pass
	1732.5	1	0	23.21	-3.10	20.11	<=30	Pass
			13	23.19	-3.10	20.09	<=30	Pass
			24	23.09	-3.10	19.99	<=30	Pass
		12	0	22.29	-3.10	19.19	<=30	Pass
			6	22.24	-3.10	19.14	<=30	Pass
			13	22.21	-3.10	19.11	<=30	Pass
		25	0	22.29	-3.10	19.19	<=30	Pass
	1752.5	1	0	23.09	-3.10	19.99	<=30	Pass
			13	22.67	-3.10	19.57	<=30	Pass
			24	22.42	-3.10	19.32	<=30	Pass
		12	0	21.94	-3.10	18.84	<=30	Pass
			6	21.78	-3.10	18.68	<=30	Pass
			13	21.58	-3.10	18.48	<=30	Pass
		25	0	21.81	-3.10	18.71	<=30	Pass
16QAM	1712.5	1	0	22.79	-3.10	19.69	<=30	Pass
			13	22.46	-3.10	19.36	<=30	Pass
			24	22.26	-3.10	19.16	<=30	Pass
		12	0	21.40	-3.10	18.30	<=30	Pass
			6	21.28	-3.10	18.18	<=30	Pass
			13	21.13	-3.10	18.03	<=30	Pass
		25	0	21.28	-3.10	18.18	<=30	Pass
	1732.5	1	0	22.55	-3.10	19.45	<=30	Pass
			13	22.49	-3.10	19.39	<=30	Pass
			24	22.43	-3.10	19.33	<=30	Pass
		12	0	21.34	-3.10	18.24	<=30	Pass
			6	21.38	-3.10	18.28	<=30	Pass
			13	21.36	-3.10	18.26	<=30	Pass
		25	0	21.33	-3.10	18.23	<=30	Pass
	1752.5	1	0	22.43	-3.10	19.33	<=30	Pass
			13	22.03	-3.10	18.93	<=30	Pass
			24	21.84	-3.10	18.74	<=30	Pass
		12	0	21.06	-3.10	17.96	<=30	Pass
			6	20.90	-3.10	17.80	<=30	Pass

			13	20.73	-3.10	17.63	<=30	Pass	
		25	0	20.90	-3.10	17.80	<=30	Pass	
64QAM	1712.5	1	0	21.63	-3.10	18.53	<=30	Pass	
			13	21.31	-3.10	18.21	<=30	Pass	
			24	21.24	-3.10	18.14	<=30	Pass	
			0	20.45	-3.10	17.35	<=30	Pass	
		12	6	20.38	-3.10	17.28	<=30	Pass	
			13	20.26	-3.10	17.16	<=30	Pass	
			25	0	20.34	-3.10	17.24	<=30	Pass
		1732.5	1	0	21.39	-3.10	18.29	<=30	Pass
				13	21.51	-3.10	18.41	<=30	Pass
				24	21.42	-3.10	18.32	<=30	Pass
	0			20.36	-3.10	17.26	<=30	Pass	
	12		6	20.37	-3.10	17.27	<=30	Pass	
			13	20.41	-3.10	17.31	<=30	Pass	
			25	0	20.36	-3.10	17.26	<=30	Pass
	1752.5		1	0	21.31	-3.10	18.21	<=30	Pass
		13		20.91	-3.10	17.81	<=30	Pass	
		24		20.78	-3.10	17.68	<=30	Pass	
		0		20.16	-3.10	17.06	<=30	Pass	
		12	6	20.03	-3.10	16.93	<=30	Pass	
			13	19.86	-3.10	16.76	<=30	Pass	
			25	0	19.98	-3.10	16.88	<=30	Pass
		256QAM	1712.5	1	0	18.58	-3.10	15.48	<=30
	13				18.41	-3.10	15.31	<=30	Pass
24	18.31				-3.10	15.21	<=30	Pass	
12	0			18.41	-3.10	15.31	<=30	Pass	
	6			18.35	-3.10	15.25	<=30	Pass	
	13			18.33	-3.10	15.23	<=30	Pass	
25	0			18.37	-3.10	15.27	<=30	Pass	
1732.5	1		0	18.26	-3.10	15.16	<=30	Pass	
			13	18.45	-3.10	15.35	<=30	Pass	
			24	18.52	-3.10	15.42	<=30	Pass	
			0	18.29	-3.10	15.19	<=30	Pass	
	12		6	18.31	-3.10	15.21	<=30	Pass	
			13	18.34	-3.10	15.24	<=30	Pass	
			25	0	18.30	-3.10	15.20	<=30	Pass
1752.5	1		0	18.44	-3.10	15.34	<=30	Pass	
			13	18.21	-3.10	15.11	<=30	Pass	
			24	17.97	-3.10	14.87	<=30	Pass	
	12		0	18.27	-3.10	15.17	<=30	Pass	
			6	18.20	-3.10	15.10	<=30	Pass	
			13	17.99	-3.10	14.89	<=30	Pass	
	25		0	18.17	-3.10	15.07	<=30	Pass	
	Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.20	-3.10	20.10	<=30	Pass
			25	22.84	-3.10	19.74	<=30	Pass
			49	22.36	-3.10	19.26	<=30	Pass
		25	0	22.06	-3.10	18.96	<=30	Pass
			13	21.89	-3.10	18.79	<=30	Pass
			25	21.68	-3.10	18.58	<=30	Pass

		50	0	21.90	-3.10	18.80	<=30	Pass		
		1732.5	1	0	22.96	-3.10	19.86	<=30	Pass	
				25	23.10	-3.10	20.00	<=30	Pass	
				49	22.88	-3.10	19.78	<=30	Pass	
				0	22.08	-3.10	18.98	<=30	Pass	
			25	13	22.17	-3.10	19.07	<=30	Pass	
				25	22.13	-3.10	19.03	<=30	Pass	
		50	0	22.08	-3.10	18.98	<=30	Pass		
		1750	1	0	22.92	-3.10	19.82	<=30	Pass	
				25	22.77	-3.10	19.67	<=30	Pass	
				49	22.34	-3.10	19.24	<=30	Pass	
				0	21.91	-3.10	18.81	<=30	Pass	
			25	13	21.82	-3.10	18.72	<=30	Pass	
				25	21.66	-3.10	18.56	<=30	Pass	
				50	0	21.79	-3.10	18.69	<=30	Pass
16QAM	1715	1	0	22.52	-3.10	19.42	<=30	Pass		
			25	22.18	-3.10	19.08	<=30	Pass		
			49	21.66	-3.10	18.56	<=30	Pass		
		25	0	21.15	-3.10	18.05	<=30	Pass		
			13	20.96	-3.10	17.86	<=30	Pass		
			25	20.77	-3.10	17.67	<=30	Pass		
		50	0	20.99	-3.10	17.89	<=30	Pass		
		1732.5	1	0	22.14	-3.10	19.04	<=30	Pass	
				25	22.45	-3.10	19.35	<=30	Pass	
				49	22.13	-3.10	19.03	<=30	Pass	
	25		0	21.15	-3.10	18.05	<=30	Pass		
			13	21.28	-3.10	18.18	<=30	Pass		
			25	21.23	-3.10	18.13	<=30	Pass		
	50	0	21.18	-3.10	18.08	<=30	Pass			
	1750	1	0	22.23	-3.10	19.13	<=30	Pass		
			25	22.13	-3.10	19.03	<=30	Pass		
			49	21.58	-3.10	18.48	<=30	Pass		
			25	0	21.00	-3.10	17.90	<=30	Pass	
				13	20.91	-3.10	17.81	<=30	Pass	
				25	20.75	-3.10	17.65	<=30	Pass	
		50	0	20.89	-3.10	17.79	<=30	Pass		
		64QAM	1715	1	0	21.46	-3.10	18.36	<=30	Pass
					25	21.16	-3.10	18.06	<=30	Pass
49					20.65	-3.10	17.55	<=30	Pass	
25				0	20.22	-3.10	17.12	<=30	Pass	
				13	20.04	-3.10	16.94	<=30	Pass	
				25	19.84	-3.10	16.74	<=30	Pass	
50	0			20.03	-3.10	16.93	<=30	Pass		
1732.5	1			0	21.22	-3.10	18.12	<=30	Pass	
				25	21.47	-3.10	18.37	<=30	Pass	
				49	21.16	-3.10	18.06	<=30	Pass	
	25		0	20.21	-3.10	17.11	<=30	Pass		
			13	20.32	-3.10	17.22	<=30	Pass		
			25	20.29	-3.10	17.19	<=30	Pass		
50	0		20.28	-3.10	17.18	<=30	Pass			
1750	1		0	21.23	-3.10	18.13	<=30	Pass		
			25	21.11	-3.10	18.01	<=30	Pass		
			49	20.75	-3.10	17.65	<=30	Pass		
			25	0	20.08	-3.10	16.98	<=30	Pass	
				13	20.01	-3.10	16.91	<=30	Pass	
				25	19.82	-3.10	16.72	<=30	Pass	
	50		0	19.97	-3.10	16.87	<=30	Pass		
	256QAM		1715	1	0	18.51	-3.10	15.41	<=30	Pass
					25	18.24	-3.10	15.14	<=30	Pass

			49	17.90	-3.10	14.80	<=30	Pass
		25	0	18.32	-3.10	15.22	<=30	Pass
			13	18.16	-3.10	15.06	<=30	Pass
			25	18.00	-3.10	14.90	<=30	Pass
			50	0	18.17	-3.10	15.07	<=30
	1732.5	1	0	18.22	-3.10	15.12	<=30	Pass
			25	18.42	-3.10	15.32	<=30	Pass
			49	18.42	-3.10	15.32	<=30	Pass
		25	0	18.17	-3.10	15.07	<=30	Pass
			13	18.28	-3.10	15.18	<=30	Pass
			25	18.35	-3.10	15.25	<=30	Pass
		50	0	18.27	-3.10	15.17	<=30	Pass
	1750	1	0	18.39	-3.10	15.29	<=30	Pass
			25	18.28	-3.10	15.18	<=30	Pass
			49	17.86	-3.10	14.76	<=30	Pass
		25	0	18.30	-3.10	15.20	<=30	Pass
			13	18.19	-3.10	15.09	<=30	Pass
			25	18.05	-3.10	14.95	<=30	Pass
		50	0	18.17	-3.10	15.07	<=30	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.30	-3.10	20.20	<=30	Pass
			38	22.75	-3.10	19.65	<=30	Pass
			74	22.79	-3.10	19.69	<=30	Pass
		36	0	22.06	-3.10	18.96	<=30	Pass
			18	21.81	-3.10	18.71	<=30	Pass
			39	21.74	-3.10	18.64	<=30	Pass
		75	0	21.92	-3.10	18.82	<=30	Pass
	1732.5	1	0	23.02	-3.10	19.92	<=30	Pass
			38	23.28	-3.10	20.18	<=30	Pass
			74	22.95	-3.10	19.85	<=30	Pass
		36	0	22.11	-3.10	19.01	<=30	Pass
			18	22.27	-3.10	19.17	<=30	Pass
			39	22.13	-3.10	19.03	<=30	Pass
		75	0	22.16	-3.10	19.06	<=30	Pass
	1747.5	1	0	23.07	-3.10	19.97	<=30	Pass
			38	22.96	-3.10	19.86	<=30	Pass
			74	22.47	-3.10	19.37	<=30	Pass
		36	0	22.04	-3.10	18.94	<=30	Pass
			18	22.00	-3.10	18.90	<=30	Pass
			39	21.79	-3.10	18.69	<=30	Pass
		75	0	21.94	-3.10	18.84	<=30	Pass
16QAM	1717.5	1	0	22.69	-3.10	19.59	<=30	Pass
			38	22.18	-3.10	19.08	<=30	Pass
			74	22.17	-3.10	19.07	<=30	Pass
		36	0	21.14	-3.10	18.04	<=30	Pass
			18	20.89	-3.10	17.79	<=30	Pass
			39	20.82	-3.10	17.72	<=30	Pass
		75	0	21.02	-3.10	17.92	<=30	Pass
	1732.5	1	0	22.36	-3.10	19.26	<=30	Pass
			38	22.66	-3.10	19.56	<=30	Pass
			74	22.37	-3.10	19.27	<=30	Pass

		36	0	21.19	-3.10	18.09	<=30	Pass
			18	21.31	-3.10	18.21	<=30	Pass
			39	21.24	-3.10	18.14	<=30	Pass
		75	0	21.28	-3.10	18.18	<=30	Pass
	1747.5	1	0	22.29	-3.10	19.19	<=30	Pass
			38	22.38	-3.10	19.28	<=30	Pass
			74	21.83	-3.10	18.73	<=30	Pass
		36	0	21.16	-3.10	18.06	<=30	Pass
			18	21.11	-3.10	18.01	<=30	Pass
			39	20.92	-3.10	17.82	<=30	Pass
		75	0	21.06	-3.10	17.96	<=30	Pass
64QAM		1717.5	1	0	21.59	-3.10	18.49	<=30
	38			21.05	-3.10	17.95	<=30	Pass
	74			21.13	-3.10	18.03	<=30	Pass
	36		0	20.22	-3.10	17.12	<=30	Pass
			18	19.99	-3.10	16.89	<=30	Pass
			39	19.93	-3.10	16.83	<=30	Pass
	75		0	20.09	-3.10	16.99	<=30	Pass
	1732.5	1	0	21.25	-3.10	18.15	<=30	Pass
			38	21.49	-3.10	18.39	<=30	Pass
			74	21.36	-3.10	18.26	<=30	Pass
		36	0	20.18	-3.10	17.08	<=30	Pass
			18	20.33	-3.10	17.23	<=30	Pass
			39	20.36	-3.10	17.26	<=30	Pass
		75	0	20.30	-3.10	17.20	<=30	Pass
	1747.5	1	0	21.36	-3.10	18.26	<=30	Pass
			38	21.30	-3.10	18.20	<=30	Pass
			74	20.79	-3.10	17.69	<=30	Pass
		36	0	20.22	-3.10	17.12	<=30	Pass
			18	20.20	-3.10	17.10	<=30	Pass
			39	20.02	-3.10	16.92	<=30	Pass
		75	0	20.14	-3.10	17.04	<=30	Pass
256QAM		1717.5	1	0	18.51	-3.10	15.41	<=30
	38			18.11	-3.10	15.01	<=30	Pass
	74			18.19	-3.10	15.09	<=30	Pass
	36		0	18.25	-3.10	15.15	<=30	Pass
			18	18.03	-3.10	14.93	<=30	Pass
			39	17.95	-3.10	14.85	<=30	Pass
	75		0	18.10	-3.10	15.00	<=30	Pass
	1732.5	1	0	18.20	-3.10	15.10	<=30	Pass
			38	18.45	-3.10	15.35	<=30	Pass
			74	18.44	-3.10	15.34	<=30	Pass
		36	0	18.17	-3.10	15.07	<=30	Pass
			18	18.27	-3.10	15.17	<=30	Pass
			39	18.33	-3.10	15.23	<=30	Pass
		75	0	18.29	-3.10	15.19	<=30	Pass
	1747.5	1	0	18.44	-3.10	15.34	<=30	Pass
			38	18.50	-3.10	15.40	<=30	Pass
			74	18.05	-3.10	14.95	<=30	Pass
		36	0	18.37	-3.10	15.27	<=30	Pass
			18	18.35	-3.10	15.25	<=30	Pass
			39	18.22	-3.10	15.12	<=30	Pass
		75	0	18.34	-3.10	15.24	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.09	-3.10	19.99	<=30	Pass
			50	22.45	-3.10	19.35	<=30	Pass
			99	22.80	-3.10	19.70	<=30	Pass
		50	0	21.80	-3.10	18.70	<=30	Pass
			25	21.67	-3.10	18.57	<=30	Pass
			50	21.79	-3.10	18.69	<=30	Pass
		100	0	21.85	-3.10	18.75	<=30	Pass
	1732.5	1	0	22.75	-3.10	19.65	<=30	Pass
			50	23.09	-3.10	19.99	<=30	Pass
			99	22.79	-3.10	19.69	<=30	Pass
		50	0	21.94	-3.10	18.84	<=30	Pass
			25	22.07	-3.10	18.97	<=30	Pass
			50	22.01	-3.10	18.91	<=30	Pass
		100	0	21.97	-3.10	18.87	<=30	Pass
	1745	1	0	23.03	-3.10	19.93	<=30	Pass
			50	22.91	-3.10	19.81	<=30	Pass
			99	22.35	-3.10	19.25	<=30	Pass
		50	0	21.92	-3.10	18.82	<=30	Pass
			25	21.89	-3.10	18.79	<=30	Pass
			50	21.77	-3.10	18.67	<=30	Pass
		100	0	21.85	-3.10	18.75	<=30	Pass
16QAM	1720	1	0	22.35	-3.10	19.25	<=30	Pass
			50	21.79	-3.10	18.69	<=30	Pass
			99	22.06	-3.10	18.96	<=30	Pass
		50	0	20.88	-3.10	17.78	<=30	Pass
			25	20.77	-3.10	17.67	<=30	Pass
			50	20.89	-3.10	17.79	<=30	Pass
		100	0	20.93	-3.10	17.83	<=30	Pass
	1732.5	1	0	21.95	-3.10	18.85	<=30	Pass
			50	22.33	-3.10	19.23	<=30	Pass
			99	22.19	-3.10	19.09	<=30	Pass
		50	0	21.01	-3.10	17.91	<=30	Pass
			25	21.16	-3.10	18.06	<=30	Pass
			50	21.11	-3.10	18.01	<=30	Pass
		100	0	21.04	-3.10	17.94	<=30	Pass
	1745	1	0	22.31	-3.10	19.21	<=30	Pass
			50	22.21	-3.10	19.11	<=30	Pass
			99	21.74	-3.10	18.64	<=30	Pass
		50	0	21.00	-3.10	17.90	<=30	Pass
			25	20.97	-3.10	17.87	<=30	Pass
			50	20.87	-3.10	17.77	<=30	Pass
		100	0	20.92	-3.10	17.82	<=30	Pass
64QAM	1720	1	0	21.41	-3.10	18.31	<=30	Pass
			50	20.83	-3.10	17.73	<=30	Pass
			99	21.13	-3.10	18.03	<=30	Pass
		50	0	19.94	-3.10	16.84	<=30	Pass
			25	19.83	-3.10	16.73	<=30	Pass
			50	19.97	-3.10	16.87	<=30	Pass
		100	0	19.99	-3.10	16.89	<=30	Pass
	1732.5	1	0	20.98	-3.10	17.88	<=30	Pass
			50	21.37	-3.10	18.27	<=30	Pass
			99	21.11	-3.10	18.01	<=30	Pass
		50	0	20.09	-3.10	16.99	<=30	Pass
			25	20.24	-3.10	17.14	<=30	Pass
			50	20.20	-3.10	17.10	<=30	Pass
		100	0	20.12	-3.10	17.02	<=30	Pass

	1745	1	0	21.29	-3.10	18.19	<=30	Pass		
			50	21.16	-3.10	18.06	<=30	Pass		
			99	20.63	-3.10	17.53	<=30	Pass		
		50	0	20.09	-3.10	16.99	<=30	Pass		
			25	20.08	-3.10	16.98	<=30	Pass		
			50	19.95	-3.10	16.85	<=30	Pass		
		100	0	20.01	-3.10	16.91	<=30	Pass		
		256QAM	1720	1	0	18.49	-3.10	15.39	<=30	Pass
					50	17.92	-3.10	14.82	<=30	Pass
99	18.33				-3.10	15.23	<=30	Pass		
50	0			18.13	-3.10	15.03	<=30	Pass		
	25			18.00	-3.10	14.90	<=30	Pass		
	50			18.07	-3.10	14.97	<=30	Pass		
100	0			18.09	-3.10	14.99	<=30	Pass		
1732.5	1			0	18.11	-3.10	15.01	<=30	Pass	
				50	18.52	-3.10	15.42	<=30	Pass	
			99	18.28	-3.10	15.18	<=30	Pass		
	50		0	18.12	-3.10	15.02	<=30	Pass		
			25	18.35	-3.10	15.25	<=30	Pass		
			50	18.34	-3.10	15.24	<=30	Pass		
	100		0	18.24	-3.10	15.14	<=30	Pass		
	1745		1	0	18.40	-3.10	15.30	<=30	Pass	
				50	18.41	-3.10	15.31	<=30	Pass	
99				17.84	-3.10	14.74	<=30	Pass		
50			0	18.29	-3.10	15.19	<=30	Pass		
			25	18.27	-3.10	15.17	<=30	Pass		
			50	18.16	-3.10	15.06	<=30	Pass		
100			0	18.23	-3.10	15.13	<=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	3.4	-8.100	-0.0047	-2.5 to 2.5	Pass
					3.92	-9.000	-0.0053	-2.5 to 2.5	Pass
					4.5	-4.300	-0.0025	-2.5 to 2.5	Pass
				-30	3.92	-3.600	-0.0021	-2.5 to 2.5	Pass
				-20	3.92	-3.800	-0.0022	-2.5 to 2.5	Pass
				-10	3.92	-2.500	-0.0015	-2.5 to 2.5	Pass
				0	3.92	-0.500	-0.0003	-2.5 to 2.5	Pass
				10	3.92	-7.200	-0.0042	-2.5 to 2.5	Pass
				30	3.92	26.500	0.0155	-2.5 to 2.5	Pass
				40	3.92	6.000	0.0035	-2.5 to 2.5	Pass
				50	3.92	1.600	0.0009	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	4.200	0.0024	-2.5 to 2.5	Pass
					3.92	2.800	0.0016	-2.5 to 2.5	Pass
					4.5	3.400	0.0020	-2.5 to 2.5	Pass
				-30	3.92	1.500	0.0009	-2.5 to 2.5	Pass
				-20	3.92	5.800	0.0033	-2.5 to 2.5	Pass
				-10	3.92	3.900	0.0023	-2.5 to 2.5	Pass
				0	3.92	1.700	0.0010	-2.5 to 2.5	Pass
				10	3.92	4.500	0.0026	-2.5 to 2.5	Pass
				30	3.92	6.500	0.0038	-2.5 to 2.5	Pass
				40	3.92	7.700	0.0044	-2.5 to 2.5	Pass
				50	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.4	-0.500	-0.0003	-2.5 to 2.5	Pass
					3.92	-6.200	-0.0035	-2.5 to 2.5	Pass
					4.5	-5.500	-0.0031	-2.5 to 2.5	Pass
				-30	3.92	-5.000	-0.0029	-2.5 to 2.5	Pass
				-20	3.92	0.700	0.0004	-2.5 to 2.5	Pass
				-10	3.92	-3.300	-0.0019	-2.5 to 2.5	Pass
				0	3.92	-3.600	-0.0021	-2.5 to 2.5	Pass
				10	3.92	-5.100	-0.0029	-2.5 to 2.5	Pass
				30	3.92	-3.900	-0.0022	-2.5 to 2.5	Pass
				40	3.92	-2.600	-0.0015	-2.5 to 2.5	Pass
				50	3.92	-4.800	-0.0027	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.4	-5.100	-0.0030	-2.5 to 2.5	Pass
					3.92	-5.400	-0.0032	-2.5 to 2.5	Pass
					4.5	-10.300	-0.0060	-2.5 to 2.5	Pass
				-30	3.92	-5.200	-0.0030	-2.5 to 2.5	Pass
				-20	3.92	-3.400	-0.0020	-2.5 to 2.5	Pass
				-10	3.92	-5.400	-0.0032	-2.5 to 2.5	Pass
				0	3.92	-5.500	-0.0032	-2.5 to 2.5	Pass
				10	3.92	-7.800	-0.0046	-2.5 to 2.5	Pass
				30	3.92	-7.000	-0.0041	-2.5 to 2.5	Pass
				40	3.92	-6.800	-0.0040	-2.5 to 2.5	Pass
				50	3.92	-5.000	-0.0029	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	3.200	0.0018	-2.5 to 2.5	Pass
					3.92	9.700	0.0056	-2.5 to 2.5	Pass
					4.5	-1.000	-0.0006	-2.5 to 2.5	Pass

				-30	3.92	-2.600	-0.0015	-2.5 to 2.5	Pass
				-20	3.92	-1.100	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	1.300	0.0008	-2.5 to 2.5	Pass
				0	3.92	-4.500	-0.0026	-2.5 to 2.5	Pass
				10	3.92	8.200	0.0047	-2.5 to 2.5	Pass
				30	3.92	1.100	0.0006	-2.5 to 2.5	Pass
				40	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				50	3.92	6.600	0.0038	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.4	-9.800	-0.0056	-2.5 to 2.5	Pass
					3.92	-7.200	-0.0041	-2.5 to 2.5	Pass
					4.5	-9.200	-0.0052	-2.5 to 2.5	Pass
				-30	3.92	-4.800	-0.0027	-2.5 to 2.5	Pass
				-20	3.92	-3.600	-0.0021	-2.5 to 2.5	Pass
				-10	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	3.92	-3.300	-0.0019	-2.5 to 2.5	Pass
				10	3.92	-7.200	-0.0041	-2.5 to 2.5	Pass
				30	3.92	-8.500	-0.0048	-2.5 to 2.5	Pass
				40	3.92	-8.200	-0.0047	-2.5 to 2.5	Pass
				50	3.92	-1.700	-0.0010	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	20	3.4	-4.800	-0.0028	-2.5 to 2.5	Pass
					3.92	-1.500	-0.0009	-2.5 to 2.5	Pass
					4.5	-0.800	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
				-10	3.92	-8.000	-0.0047	-2.5 to 2.5	Pass
				0	3.92	-2.100	-0.0012	-2.5 to 2.5	Pass
				10	3.92	-1.500	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				40	3.92	0.500	0.0003	-2.5 to 2.5	Pass
				50	3.92	-4.200	-0.0025	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	-1.500	-0.0009	-2.5 to 2.5	Pass
					3.92	-6.800	-0.0039	-2.5 to 2.5	Pass
					4.5	0.600	0.0003	-2.5 to 2.5	Pass
				-30	3.92	-3.800	-0.0022	-2.5 to 2.5	Pass
				-20	3.92	-3.600	-0.0021	-2.5 to 2.5	Pass
				-10	3.92	1.300	0.0008	-2.5 to 2.5	Pass
				0	3.92	-4.500	-0.0026	-2.5 to 2.5	Pass
				10	3.92	1.200	0.0007	-2.5 to 2.5	Pass
				30	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				40	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				50	3.92	0.400	0.0002	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.4	2.200	0.0013	-2.5 to 2.5	Pass
					3.92	-3.400	-0.0019	-2.5 to 2.5	Pass
					4.5	-4.700	-0.0027	-2.5 to 2.5	Pass
				-30	3.92	5.700	0.0032	-2.5 to 2.5	Pass
				-20	3.92	3.700	0.0021	-2.5 to 2.5	Pass
				-10	3.92	1.000	0.0006	-2.5 to 2.5	Pass
				0	3.92	8.600	0.0049	-2.5 to 2.5	Pass
				10	3.92	1.900	0.0011	-2.5 to 2.5	Pass
				30	3.92	3.400	0.0019	-2.5 to 2.5	Pass
				40	3.92	-1.800	-0.0010	-2.5 to 2.5	Pass
				50	3.92	1.100	0.0006	-2.5 to 2.5	Pass
256QAM	1710.7	6	0	20	3.4	-1.800	-0.0011	-2.5 to 2.5	Pass
					3.92	0.100	0.0001	-2.5 to 2.5	Pass
					4.5	0.500	0.0003	-2.5 to 2.5	Pass
				-30	3.92	1.100	0.0006	-2.5 to 2.5	Pass
				-20	3.92	-1.100	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	2.100	0.0012	-2.5 to 2.5	Pass
				0	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass

				10	3.92	2.600	0.0015	-2.5 to 2.5	Pass
				30	3.92	-7.400	-0.0043	-2.5 to 2.5	Pass
				40	3.92	-4.400	-0.0026	-2.5 to 2.5	Pass
				50	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.4	-3.100	-0.0018	-2.5 to 2.5	Pass
					3.92	4.200	0.0024	-2.5 to 2.5	Pass
					4.5	5.300	0.0031	-2.5 to 2.5	Pass
				-30	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				-20	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
				0	3.92	1.200	0.0007	-2.5 to 2.5	Pass
				10	3.92	6.600	0.0038	-2.5 to 2.5	Pass
				30	3.92	1.900	0.0011	-2.5 to 2.5	Pass
				40	3.92	0.800	0.0005	-2.5 to 2.5	Pass
				50	3.92	3.500	0.0020	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.4	-4.600	-0.0026	-2.5 to 2.5	Pass
					3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
					4.5	-4.300	-0.0025	-2.5 to 2.5	Pass
				-30	3.92	-4.700	-0.0027	-2.5 to 2.5	Pass
				-20	3.92	-2.900	-0.0017	-2.5 to 2.5	Pass
				-10	3.92	-4.400	-0.0025	-2.5 to 2.5	Pass
				0	3.92	1.500	0.0009	-2.5 to 2.5	Pass
				10	3.92	-4.800	-0.0027	-2.5 to 2.5	Pass
				30	3.92	1.900	0.0011	-2.5 to 2.5	Pass
				40	3.92	-3.900	-0.0022	-2.5 to 2.5	Pass
				50	3.92	-0.600	-0.0003	-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	3.4	1.200	0.0007	-2.5 to 2.5	Pass
					3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
					4.5	-3.000	-0.0018	-2.5 to 2.5	Pass
				-30	3.92	-3.100	-0.0018	-2.5 to 2.5	Pass
				-20	3.92	3.200	0.0019	-2.5 to 2.5	Pass
				-10	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				0	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				10	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
				30	3.92	-3.800	-0.0022	-2.5 to 2.5	Pass
				40	3.92	6.000	0.0035	-2.5 to 2.5	Pass
				50	3.92	-1.100	-0.0006	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.4	-0.900	-0.0005	-2.5 to 2.5	Pass
					3.92	-4.000	-0.0023	-2.5 to 2.5	Pass
					4.5	-0.600	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-5.800	-0.0033	-2.5 to 2.5	Pass
				-20	3.92	-1.300	-0.0008	-2.5 to 2.5	Pass
				-10	3.92	1.300	0.0008	-2.5 to 2.5	Pass
				0	3.92	-3.200	-0.0018	-2.5 to 2.5	Pass
				10	3.92	-5.600	-0.0032	-2.5 to 2.5	Pass
				30	3.92	-0.500	-0.0003	-2.5 to 2.5	Pass
				40	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				50	3.92	-4.100	-0.0024	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.4	-1.800	-0.0010	-2.5 to 2.5	Pass
					3.92	-4.600	-0.0026	-2.5 to 2.5	Pass
					4.5	6.000	0.0034	-2.5 to 2.5	Pass

				-30	3.92	2.300	0.0013	-2.5 to 2.5	Pass
				-20	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.92	-2.600	-0.0015	-2.5 to 2.5	Pass
				0	3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
				10	3.92	3.700	0.0021	-2.5 to 2.5	Pass
				30	3.92	3.000	0.0017	-2.5 to 2.5	Pass
				40	3.92	-2.100	-0.0012	-2.5 to 2.5	Pass
				50	3.92	3.500	0.0020	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.4	-2.400	-0.0014	-2.5 to 2.5	Pass
					3.92	3.400	0.0020	-2.5 to 2.5	Pass
					4.5	2.600	0.0015	-2.5 to 2.5	Pass
				-30	3.92	2.300	0.0013	-2.5 to 2.5	Pass
				-20	3.92	3.300	0.0019	-2.5 to 2.5	Pass
				-10	3.92	1.400	0.0008	-2.5 to 2.5	Pass
				0	3.92	9.900	0.0058	-2.5 to 2.5	Pass
				10	3.92	6.500	0.0038	-2.5 to 2.5	Pass
				30	3.92	0.500	0.0003	-2.5 to 2.5	Pass
				40	3.92	-2.500	-0.0015	-2.5 to 2.5	Pass
				50	3.92	1.000	0.0006	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.4	-3.100	-0.0018	-2.5 to 2.5	Pass
					3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
					4.5	0.500	0.0003	-2.5 to 2.5	Pass
				-30	3.92	-2.700	-0.0016	-2.5 to 2.5	Pass
				-20	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				-10	3.92	1.100	0.0006	-2.5 to 2.5	Pass
				0	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
				10	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				30	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				40	3.92	-4.000	-0.0023	-2.5 to 2.5	Pass
				50	3.92	4.500	0.0026	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.4	1.800	0.0010	-2.5 to 2.5	Pass
					3.92	3.000	0.0017	-2.5 to 2.5	Pass
					4.5	-1.000	-0.0006	-2.5 to 2.5	Pass
				-30	3.92	5.900	0.0034	-2.5 to 2.5	Pass
				-20	3.92	5.900	0.0034	-2.5 to 2.5	Pass
				-10	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				0	3.92	6.700	0.0038	-2.5 to 2.5	Pass
				10	3.92	0.300	0.0002	-2.5 to 2.5	Pass
				30	3.92	3.600	0.0021	-2.5 to 2.5	Pass
				40	3.92	3.200	0.0018	-2.5 to 2.5	Pass
				50	3.92	0.800	0.0005	-2.5 to 2.5	Pass
64QAM	1711.5	15	0	20	3.4	-4.700	-0.0027	-2.5 to 2.5	Pass
					3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
					4.5	-6.100	-0.0036	-2.5 to 2.5	Pass
				-30	3.92	-6.300	-0.0037	-2.5 to 2.5	Pass
				-20	3.92	-2.000	-0.0012	-2.5 to 2.5	Pass
				-10	3.92	-8.100	-0.0047	-2.5 to 2.5	Pass
				0	3.92	-6.700	-0.0039	-2.5 to 2.5	Pass
				10	3.92	2.000	0.0012	-2.5 to 2.5	Pass
				30	3.92	-9.100	-0.0053	-2.5 to 2.5	Pass
				40	3.92	-7.600	-0.0044	-2.5 to 2.5	Pass
				50	3.92	-7.200	-0.0042	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.4	4.300	0.0025	-2.5 to 2.5	Pass
					3.92	-4.900	-0.0028	-2.5 to 2.5	Pass
					4.5	1.400	0.0008	-2.5 to 2.5	Pass
				-30	3.92	4.100	0.0024	-2.5 to 2.5	Pass
				-20	3.92	1.900	0.0011	-2.5 to 2.5	Pass
				-10	3.92	2.000	0.0012	-2.5 to 2.5	Pass
				0	3.92	3.100	0.0018	-2.5 to 2.5	Pass

				10	3.92	0.700	0.0004	-2.5 to 2.5	Pass
				30	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				40	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				50	3.92	1.900	0.0011	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.4	-3.400	-0.0019	-2.5 to 2.5	Pass
					3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
					4.5	-7.300	-0.0042	-2.5 to 2.5	Pass
				-30	3.92	-2.100	-0.0012	-2.5 to 2.5	Pass
				-20	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
				-10	3.92	0.500	0.0003	-2.5 to 2.5	Pass
				0	3.92	-5.400	-0.0031	-2.5 to 2.5	Pass
				10	3.92	-8.000	-0.0046	-2.5 to 2.5	Pass
				30	3.92	-3.900	-0.0022	-2.5 to 2.5	Pass
				40	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
				50	3.92	-6.800	-0.0039	-2.5 to 2.5	Pass
256QAM	1711.5	15	0	20	3.4	0.200	0.0001	-2.5 to 2.5	Pass
					3.92	0.600	0.0004	-2.5 to 2.5	Pass
					4.5	14.200	0.0083	-2.5 to 2.5	Pass
				-30	3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
				-20	3.92	54.000	0.0316	-2.5 to 2.5	Pass
				-10	3.92	-5.200	-0.0030	-2.5 to 2.5	Pass
				0	3.92	9.200	0.0054	-2.5 to 2.5	Pass
				10	3.92	1.700	0.0010	-2.5 to 2.5	Pass
				30	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				40	3.92	-4.600	-0.0027	-2.5 to 2.5	Pass
	1732.5	15	0	50	3.92	3.400	0.0020	-2.5 to 2.5	Pass
				20	3.4	0.700	0.0004	-2.5 to 2.5	Pass
					3.92	0.500	0.0003	-2.5 to 2.5	Pass
					4.5	3.000	0.0017	-2.5 to 2.5	Pass
				-30	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				-20	3.92	-2.000	-0.0012	-2.5 to 2.5	Pass
				-10	3.92	3.400	0.0020	-2.5 to 2.5	Pass
				0	3.92	9.500	0.0055	-2.5 to 2.5	Pass
				10	3.92	3.700	0.0021	-2.5 to 2.5	Pass
				30	3.92	-27.100	-0.0156	-2.5 to 2.5	Pass
	1753.5	15	0	40	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
				50	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				20	3.4	-2.200	-0.0013	-2.5 to 2.5	Pass
					3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
					4.5	2.000	0.0011	-2.5 to 2.5	Pass
				-30	3.92	-1.000	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	-2.000	-0.0011	-2.5 to 2.5	Pass
				-10	3.92	-3.700	-0.0021	-2.5 to 2.5	Pass
				0	3.92	5.000	0.0029	-2.5 to 2.5	Pass
				10	3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
				30	3.92	-6.800	-0.0039	-2.5 to 2.5	Pass
				40	3.92	-5.200	-0.0030	-2.5 to 2.5	Pass
				50	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.4	-6.200	-0.0036	-2.5 to 2.5	Pass
					3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
					4.5	-4.200	-0.0025	-2.5 to 2.5	Pass

				-30	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.92	3.500	0.0020	-2.5 to 2.5	Pass
				0	3.92	1.400	0.0008	-2.5 to 2.5	Pass
				10	3.92	4.300	0.0025	-2.5 to 2.5	Pass
				30	3.92	-4.800	-0.0028	-2.5 to 2.5	Pass
				40	3.92	-1.000	-0.0006	-2.5 to 2.5	Pass
				50	3.92	2.600	0.0015	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	0.400	0.0002	-2.5 to 2.5	Pass
					3.92	-3.100	-0.0018	-2.5 to 2.5	Pass
					4.5	-6.200	-0.0036	-2.5 to 2.5	Pass
				-30	3.92	-6.100	-0.0035	-2.5 to 2.5	Pass
				-20	3.92	1.900	0.0011	-2.5 to 2.5	Pass
				-10	3.92	5.800	0.0033	-2.5 to 2.5	Pass
				0	3.92	1.800	0.0010	-2.5 to 2.5	Pass
				10	3.92	1.400	0.0008	-2.5 to 2.5	Pass
				30	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
				40	3.92	3.800	0.0022	-2.5 to 2.5	Pass
				50	3.92	-7.100	-0.0041	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.4	-2.200	-0.0013	-2.5 to 2.5	Pass
					3.92	2.100	0.0012	-2.5 to 2.5	Pass
					4.5	-2.800	-0.0016	-2.5 to 2.5	Pass
				-30	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	-2.400	-0.0014	-2.5 to 2.5	Pass
				-10	3.92	1.100	0.0006	-2.5 to 2.5	Pass
				0	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				10	3.92	-2.400	-0.0014	-2.5 to 2.5	Pass
				30	3.92	1.200	0.0007	-2.5 to 2.5	Pass
				40	3.92	1.400	0.0008	-2.5 to 2.5	Pass
				50	3.92	5.600	0.0032	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.4	-2.600	-0.0015	-2.5 to 2.5	Pass
					3.92	-3.100	-0.0018	-2.5 to 2.5	Pass
					4.5	-1.600	-0.0009	-2.5 to 2.5	Pass
				-30	3.92	4.400	0.0026	-2.5 to 2.5	Pass
				-20	3.92	2.200	0.0013	-2.5 to 2.5	Pass
				-10	3.92	-3.700	-0.0022	-2.5 to 2.5	Pass
				0	3.92	-2.900	-0.0017	-2.5 to 2.5	Pass
				10	3.92	-0.800	-0.0005	-2.5 to 2.5	Pass
				30	3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
				40	3.92	-1.300	-0.0008	-2.5 to 2.5	Pass
				50	3.92	-5.400	-0.0032	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	-1.200	-0.0007	-2.5 to 2.5	Pass
					3.92	-1.800	-0.0010	-2.5 to 2.5	Pass
					4.5	-3.800	-0.0022	-2.5 to 2.5	Pass
				-30	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				-20	3.92	-2.000	-0.0012	-2.5 to 2.5	Pass
				-10	3.92	0.700	0.0004	-2.5 to 2.5	Pass
				0	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.92	-5.500	-0.0032	-2.5 to 2.5	Pass
				30	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				40	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				50	3.92	0.300	0.0002	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.4	-0.400	-0.0002	-2.5 to 2.5	Pass
					3.92	-4.900	-0.0028	-2.5 to 2.5	Pass
					4.5	-1.400	-0.0008	-2.5 to 2.5	Pass
				-30	3.92	2.700	0.0015	-2.5 to 2.5	Pass
				-20	3.92	1.600	0.0009	-2.5 to 2.5	Pass
				-10	3.92	2.900	0.0017	-2.5 to 2.5	Pass
				0	3.92	0.400	0.0002	-2.5 to 2.5	Pass

				10	3.92	-6.100	-0.0035	-2.5 to 2.5	Pass
				30	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				40	3.92	-5.700	-0.0033	-2.5 to 2.5	Pass
				50	3.92	0.300	0.0002	-2.5 to 2.5	Pass
64QAM	1712.5	25	0	20	3.4	0.400	0.0002	-2.5 to 2.5	Pass
					3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
					4.5	7.500	0.0044	-2.5 to 2.5	Pass
				-30	3.92	4.200	0.0025	-2.5 to 2.5	Pass
				-20	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				-10	3.92	2.000	0.0012	-2.5 to 2.5	Pass
				0	3.92	2.800	0.0016	-2.5 to 2.5	Pass
				10	3.92	4.800	0.0028	-2.5 to 2.5	Pass
				30	3.92	6.200	0.0036	-2.5 to 2.5	Pass
				40	3.92	-2.100	-0.0012	-2.5 to 2.5	Pass
				50	3.92	2.000	0.0012	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	-2.500	-0.0014	-2.5 to 2.5	Pass
					3.92	-5.400	-0.0031	-2.5 to 2.5	Pass
					4.5	-4.300	-0.0025	-2.5 to 2.5	Pass
				-30	3.92	-3.100	-0.0018	-2.5 to 2.5	Pass
				-20	3.92	-7.700	-0.0044	-2.5 to 2.5	Pass
				-10	3.92	1.900	0.0011	-2.5 to 2.5	Pass
				0	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				10	3.92	-5.400	-0.0031	-2.5 to 2.5	Pass
				30	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.92	1.300	0.0008	-2.5 to 2.5	Pass
				50	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.4	-4.900	-0.0028	-2.5 to 2.5	Pass
					3.92	0.900	0.0005	-2.5 to 2.5	Pass
					4.5	-7.100	-0.0041	-2.5 to 2.5	Pass
				-30	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				-10	3.92	-4.500	-0.0026	-2.5 to 2.5	Pass
				0	3.92	-4.800	-0.0027	-2.5 to 2.5	Pass
				10	3.92	3.900	0.0022	-2.5 to 2.5	Pass
				30	3.92	-5.500	-0.0031	-2.5 to 2.5	Pass
				40	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				50	3.92	-4.000	-0.0023	-2.5 to 2.5	Pass
256QAM	1712.5	25	0	20	3.4	4.200	0.0025	-2.5 to 2.5	Pass
					3.92	1.800	0.0011	-2.5 to 2.5	Pass
					4.5	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	5.300	0.0031	-2.5 to 2.5	Pass
				-10	3.92	-6.400	-0.0037	-2.5 to 2.5	Pass
				0	3.92	1.600	0.0009	-2.5 to 2.5	Pass
				10	3.92	-5.800	-0.0034	-2.5 to 2.5	Pass
				30	3.92	3.800	0.0022	-2.5 to 2.5	Pass
				40	3.92	3.300	0.0019	-2.5 to 2.5	Pass
				50	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.4	0.600	0.0003	-2.5 to 2.5	Pass
					3.92	1.300	0.0008	-2.5 to 2.5	Pass
					4.5	-0.600	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-2.700	-0.0016	-2.5 to 2.5	Pass
				-10	3.92	-5.800	-0.0033	-2.5 to 2.5	Pass
				0	3.92	-4.600	-0.0027	-2.5 to 2.5	Pass
				10	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
				30	3.92	-7.900	-0.0046	-2.5 to 2.5	Pass
				40	3.92	-8.100	-0.0047	-2.5 to 2.5	Pass
				50	3.92	-7.600	-0.0044	-2.5 to 2.5	Pass

	1752.5	25	0	20	3.4	-1.300	-0.0007	-2.5 to 2.5	Pass
					3.92	-4.400	-0.0025	-2.5 to 2.5	Pass
					4.5	3.000	0.0017	-2.5 to 2.5	Pass
				-30	3.92	-1.300	-0.0007	-2.5 to 2.5	Pass
				-20	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				-10	3.92	1.000	0.0006	-2.5 to 2.5	Pass
				0	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				10	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.92	-1.000	-0.0006	-2.5 to 2.5	Pass
				40	3.92	-2.600	-0.0015	-2.5 to 2.5	Pass
				50	3.92	5.600	0.0032	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.4	-1.600	-0.0009	-2.5 to 2.5	Pass
					3.92	5.600	0.0033	-2.5 to 2.5	Pass
					4.5	4.400	0.0026	-2.5 to 2.5	Pass
				-30	3.92	2.800	0.0016	-2.5 to 2.5	Pass
				-20	3.92	-4.200	-0.0024	-2.5 to 2.5	Pass
				-10	3.92	2.700	0.0016	-2.5 to 2.5	Pass
				0	3.92	-6.000	-0.0035	-2.5 to 2.5	Pass
				10	3.92	-1.000	-0.0006	-2.5 to 2.5	Pass
				30	3.92	3.100	0.0018	-2.5 to 2.5	Pass
				40	3.92	2.300	0.0013	-2.5 to 2.5	Pass
				50	3.92	-3.700	-0.0022	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	5.200	0.0030	-2.5 to 2.5	Pass
					3.92	1.500	0.0009	-2.5 to 2.5	Pass
					4.5	-2.400	-0.0014	-2.5 to 2.5	Pass
				-30	3.92	-5.000	-0.0029	-2.5 to 2.5	Pass
				-20	3.92	6.500	0.0038	-2.5 to 2.5	Pass
				-10	3.92	-4.400	-0.0025	-2.5 to 2.5	Pass
				0	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
				10	3.92	5.300	0.0031	-2.5 to 2.5	Pass
				30	3.92	2.600	0.0015	-2.5 to 2.5	Pass
				40	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				50	3.92	7.100	0.0041	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	0.200	0.0001	-2.5 to 2.5	Pass
					3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
					4.5	-0.500	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				-20	3.92	5.100	0.0029	-2.5 to 2.5	Pass
				-10	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				0	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				10	3.92	-1.500	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-3.200	-0.0018	-2.5 to 2.5	Pass
				40	3.92	1.900	0.0011	-2.5 to 2.5	Pass
				50	3.92	-1.000	-0.0006	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.4	0.200	0.0001	-2.5 to 2.5	Pass
					3.92	1.900	0.0011	-2.5 to 2.5	Pass
					4.5	4.300	0.0025	-2.5 to 2.5	Pass
				-30	3.92	-1.500	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	-3.400	-0.0020	-2.5 to 2.5	Pass
				-10	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				0	3.92	-2.000	-0.0012	-2.5 to 2.5	Pass

				10	3.92	1.200	0.0007	-2.5 to 2.5	Pass
				30	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				40	3.92	-0.500	-0.0003	-2.5 to 2.5	Pass
				50	3.92	4.100	0.0024	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	-0.700	-0.0004	-2.5 to 2.5	Pass
					3.92	-3.300	-0.0019	-2.5 to 2.5	Pass
					4.5	4.900	0.0028	-2.5 to 2.5	Pass
				-30	3.92	10.200	0.0059	-2.5 to 2.5	Pass
				-20	3.92	2.200	0.0013	-2.5 to 2.5	Pass
				-10	3.92	3.000	0.0017	-2.5 to 2.5	Pass
				0	3.92	-4.000	-0.0023	-2.5 to 2.5	Pass
				10	3.92	-4.500	-0.0026	-2.5 to 2.5	Pass
				30	3.92	1.100	0.0006	-2.5 to 2.5	Pass
				40	3.92	5.900	0.0034	-2.5 to 2.5	Pass
				50	3.92	2.300	0.0013	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	-2.900	-0.0017	-2.5 to 2.5	Pass
					3.92	-3.300	-0.0019	-2.5 to 2.5	Pass
					4.5	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.92	2.400	0.0014	-2.5 to 2.5	Pass
				-20	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				-10	3.92	1.100	0.0006	-2.5 to 2.5	Pass
				0	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				10	3.92	-8.600	-0.0049	-2.5 to 2.5	Pass
				30	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
				40	3.92	-3.500	-0.0020	-2.5 to 2.5	Pass
				50	3.92	-4.400	-0.0025	-2.5 to 2.5	Pass
64QAM	1715	50	0	20	3.4	3.500	0.0020	-2.5 to 2.5	Pass
					3.92	-0.800	-0.0005	-2.5 to 2.5	Pass
					4.5	4.500	0.0026	-2.5 to 2.5	Pass
				-30	3.92	5.300	0.0031	-2.5 to 2.5	Pass
				-20	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.92	5.400	0.0031	-2.5 to 2.5	Pass
				0	3.92	5.200	0.0030	-2.5 to 2.5	Pass
				10	3.92	1.700	0.0010	-2.5 to 2.5	Pass
				30	3.92	-1.700	-0.0010	-2.5 to 2.5	Pass
				40	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.92	-2.000	-0.0012	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	4.600	0.0027	-2.5 to 2.5	Pass
					3.92	-3.400	-0.0020	-2.5 to 2.5	Pass
					4.5	-6.300	-0.0036	-2.5 to 2.5	Pass
				-30	3.92	6.700	0.0039	-2.5 to 2.5	Pass
				-20	3.92	0.700	0.0004	-2.5 to 2.5	Pass
				-10	3.92	-0.500	-0.0003	-2.5 to 2.5	Pass
				0	3.92	-3.300	-0.0019	-2.5 to 2.5	Pass
				10	3.92	1.000	0.0006	-2.5 to 2.5	Pass
				30	3.92	3.900	0.0023	-2.5 to 2.5	Pass
				40	3.92	1.900	0.0011	-2.5 to 2.5	Pass
				50	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	1.800	0.0010	-2.5 to 2.5	Pass
					3.92	1.600	0.0009	-2.5 to 2.5	Pass
					4.5	1.300	0.0007	-2.5 to 2.5	Pass
				-30	3.92	0.300	0.0002	-2.5 to 2.5	Pass
				-20	3.92	0.700	0.0004	-2.5 to 2.5	Pass
				-10	3.92	7.000	0.0040	-2.5 to 2.5	Pass
				0	3.92	5.400	0.0031	-2.5 to 2.5	Pass
				10	3.92	6.600	0.0038	-2.5 to 2.5	Pass
				30	3.92	6.000	0.0034	-2.5 to 2.5	Pass
				40	3.92	6.500	0.0037	-2.5 to 2.5	Pass
				50	3.92	0.400	0.0002	-2.5 to 2.5	Pass

256QAM	1715	50	0	20	3.4	1.300	0.0008	-2.5 to 2.5	Pass
					3.92	1.300	0.0008	-2.5 to 2.5	Pass
					4.5	1.200	0.0007	-2.5 to 2.5	Pass
				-30	3.92	1.600	0.0009	-2.5 to 2.5	Pass
				-20	3.92	-3.900	-0.0023	-2.5 to 2.5	Pass
				-10	3.92	-5.100	-0.0030	-2.5 to 2.5	Pass
				0	3.92	5.200	0.0030	-2.5 to 2.5	Pass
				10	3.92	-3.700	-0.0022	-2.5 to 2.5	Pass
				30	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				40	3.92	-4.700	-0.0027	-2.5 to 2.5	Pass
				50	3.92	-2.800	-0.0016	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.4	-3.100	-0.0018	-2.5 to 2.5	Pass
					3.92	6.800	0.0039	-2.5 to 2.5	Pass
					4.5	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.92	3.900	0.0023	-2.5 to 2.5	Pass
				-20	3.92	-1.000	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	2.100	0.0012	-2.5 to 2.5	Pass
				0	3.92	2.400	0.0014	-2.5 to 2.5	Pass
				10	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.92	-3.100	-0.0018	-2.5 to 2.5	Pass
				40	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.92	-1.000	-0.0006	-2.5 to 2.5	Pass
	1750	50	0	20	3.4	4.800	0.0027	-2.5 to 2.5	Pass
					3.92	2.600	0.0015	-2.5 to 2.5	Pass
					4.5	1.700	0.0010	-2.5 to 2.5	Pass
				-30	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	0.800	0.0005	-2.5 to 2.5	Pass
				-10	3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
				0	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
				10	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				30	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
				40	3.92	-8.300	-0.0047	-2.5 to 2.5	Pass
				50	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.4	0.500	0.0003	-2.5 to 2.5	Pass
					3.92	3.200	0.0019	-2.5 to 2.5	Pass
					4.5	4.600	0.0027	-2.5 to 2.5	Pass
				-30	3.92	1.700	0.0010	-2.5 to 2.5	Pass
				-20	3.92	0.600	0.0003	-2.5 to 2.5	Pass
				-10	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				0	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				10	3.92	2.900	0.0017	-2.5 to 2.5	Pass
				30	3.92	3.000	0.0017	-2.5 to 2.5	Pass
				40	3.92	4.400	0.0026	-2.5 to 2.5	Pass
				50	3.92	1.000	0.0006	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	-3.600	-0.0021	-2.5 to 2.5	Pass
					3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
					4.5	-2.200	-0.0013	-2.5 to 2.5	Pass
				-30	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				-20	3.92	-3.300	-0.0019	-2.5 to 2.5	Pass
				-10	3.92	-6.100	-0.0035	-2.5 to 2.5	Pass
				0	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass

				10	3.92	-8.900	-0.0051	-2.5 to 2.5	Pass
				30	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
				50	3.92	0.500	0.0003	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	1.400	0.0008	-2.5 to 2.5	Pass
					3.92	-1.700	-0.0010	-2.5 to 2.5	Pass
					4.5	-3.200	-0.0018	-2.5 to 2.5	Pass
				-30	3.92	-4.600	-0.0026	-2.5 to 2.5	Pass
				-20	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	3.300	0.0019	-2.5 to 2.5	Pass
				0	3.92	1.200	0.0007	-2.5 to 2.5	Pass
				10	3.92	-1.800	-0.0010	-2.5 to 2.5	Pass
				30	3.92	1.300	0.0007	-2.5 to 2.5	Pass
				40	3.92	5.200	0.0030	-2.5 to 2.5	Pass
				50	3.92	-2.100	-0.0012	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.4	1.900	0.0011	-2.5 to 2.5	Pass
					3.92	0.900	0.0005	-2.5 to 2.5	Pass
					4.5	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.92	-0.800	-0.0005	-2.5 to 2.5	Pass
				-20	3.92	-1.700	-0.0010	-2.5 to 2.5	Pass
				-10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.92	1.400	0.0008	-2.5 to 2.5	Pass
				10	3.92	4.300	0.0025	-2.5 to 2.5	Pass
				30	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				40	3.92	4.000	0.0023	-2.5 to 2.5	Pass
				50	3.92	2.500	0.0015	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	-3.800	-0.0022	-2.5 to 2.5	Pass
					3.92	0.500	0.0003	-2.5 to 2.5	Pass
					4.5	-4.700	-0.0027	-2.5 to 2.5	Pass
				-30	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				-20	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
				-10	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.92	1.900	0.0011	-2.5 to 2.5	Pass
				30	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				40	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				50	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	1.800	0.0010	-2.5 to 2.5	Pass
					3.92	-5.000	-0.0029	-2.5 to 2.5	Pass
					4.5	-2.800	-0.0016	-2.5 to 2.5	Pass
				-30	3.92	1.500	0.0009	-2.5 to 2.5	Pass
				-20	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
				-10	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				0	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
				10	3.92	-3.500	-0.0020	-2.5 to 2.5	Pass
				30	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				40	3.92	3.000	0.0017	-2.5 to 2.5	Pass
				50	3.92	-0.800	-0.0005	-2.5 to 2.5	Pass
64QAM	1717.5	75	0	20	3.4	-3.000	-0.0017	-2.5 to 2.5	Pass
					3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
					4.5	-6.200	-0.0036	-2.5 to 2.5	Pass
				-30	3.92	-5.600	-0.0033	-2.5 to 2.5	Pass
				-20	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				-10	3.92	-4.700	-0.0027	-2.5 to 2.5	Pass
				0	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				10	3.92	-1.500	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				40	3.92	-4.000	-0.0023	-2.5 to 2.5	Pass
				50	3.92	-4.100	-0.0024	-2.5 to 2.5	Pass

	1732.5	75	0	20	3.4	-5.500	-0.0032	-2.5 to 2.5	Pass
					3.92	5.200	0.0030	-2.5 to 2.5	Pass
					4.5	-4.100	-0.0024	-2.5 to 2.5	Pass
				-30	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-2.700	-0.0016	-2.5 to 2.5	Pass
				-10	3.92	-3.200	-0.0018	-2.5 to 2.5	Pass
				0	3.92	1.100	0.0006	-2.5 to 2.5	Pass
				10	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				30	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				40	3.92	-4.600	-0.0027	-2.5 to 2.5	Pass
				50	3.92	0.600	0.0003	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	-4.200	-0.0024	-2.5 to 2.5	Pass
					3.92	4.900	0.0028	-2.5 to 2.5	Pass
					4.5	-5.000	-0.0029	-2.5 to 2.5	Pass
				-30	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	0.800	0.0005	-2.5 to 2.5	Pass
				-10	3.92	5.800	0.0033	-2.5 to 2.5	Pass
				0	3.92	0.500	0.0003	-2.5 to 2.5	Pass
				10	3.92	4.400	0.0025	-2.5 to 2.5	Pass
				30	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
				40	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
				50	3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
256QAM	1717.5	75	0	20	3.4	-0.900	-0.0005	-2.5 to 2.5	Pass
					3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
					4.5	-4.900	-0.0029	-2.5 to 2.5	Pass
				-30	3.92	-1.300	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
				-10	3.92	-5.700	-0.0033	-2.5 to 2.5	Pass
				0	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.92	1.000	0.0006	-2.5 to 2.5	Pass
				30	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				40	3.92	-5.100	-0.0030	-2.5 to 2.5	Pass
				50	3.92	0.000	0.0000	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.4	3.700	0.0021	-2.5 to 2.5	Pass
					3.92	-2.000	-0.0012	-2.5 to 2.5	Pass
					4.5	1.000	0.0006	-2.5 to 2.5	Pass
				-30	3.92	-6.600	-0.0038	-2.5 to 2.5	Pass
				-20	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				-10	3.92	4.000	0.0023	-2.5 to 2.5	Pass
				0	3.92	-4.800	-0.0028	-2.5 to 2.5	Pass
				10	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
				30	3.92	0.600	0.0003	-2.5 to 2.5	Pass
				40	3.92	-3.100	-0.0018	-2.5 to 2.5	Pass
				50	3.92	0.600	0.0003	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.4	-4.700	-0.0027	-2.5 to 2.5	Pass
					3.92	4.300	0.0025	-2.5 to 2.5	Pass
					4.5	-4.700	-0.0027	-2.5 to 2.5	Pass
				-30	3.92	-5.700	-0.0033	-2.5 to 2.5	Pass
				-20	3.92	1.800	0.0010	-2.5 to 2.5	Pass
				-10	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				0	3.92	-3.300	-0.0019	-2.5 to 2.5	Pass
				10	3.92	-2.500	-0.0014	-2.5 to 2.5	Pass
				30	3.92	4.700	0.0027	-2.5 to 2.5	Pass
				40	3.92	-2.400	-0.0014	-2.5 to 2.5	Pass
				50	3.92	-2.800	-0.0016	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.4	-5.500	-0.0032	-2.5 to 2.5	Pass
					3.92	-1.100	-0.0006	-2.5 to 2.5	Pass
					4.5	-7.900	-0.0046	-2.5 to 2.5	Pass
				-30	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				-10	3.92	-2.600	-0.0015	-2.5 to 2.5	Pass
				0	3.92	-3.600	-0.0021	-2.5 to 2.5	Pass
				10	3.92	-0.800	-0.0005	-2.5 to 2.5	Pass
				30	3.92	-3.300	-0.0019	-2.5 to 2.5	Pass
				40	3.92	2.900	0.0017	-2.5 to 2.5	Pass
				50	3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	-3.700	-0.0021	-2.5 to 2.5	Pass
					3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
					4.5	6.000	0.0035	-2.5 to 2.5	Pass
				-30	3.92	-2.000	-0.0012	-2.5 to 2.5	Pass
				-20	3.92	-2.800	-0.0016	-2.5 to 2.5	Pass
				-10	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
				0	3.92	0.500	0.0003	-2.5 to 2.5	Pass
				10	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				30	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				40	3.92	-4.700	-0.0027	-2.5 to 2.5	Pass
				50	3.92	-3.400	-0.0020	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	0.900	0.0005	-2.5 to 2.5	Pass
					3.92	-3.600	-0.0021	-2.5 to 2.5	Pass
					4.5	-4.200	-0.0024	-2.5 to 2.5	Pass
				-30	3.92	4.000	0.0023	-2.5 to 2.5	Pass
				-20	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				-10	3.92	5.300	0.0030	-2.5 to 2.5	Pass
				0	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
				10	3.92	-5.300	-0.0030	-2.5 to 2.5	Pass
				30	3.92	2.500	0.0014	-2.5 to 2.5	Pass
				40	3.92	2.200	0.0013	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.4	-3.300	-0.0019	-2.5 to 2.5	Pass
					3.92	-2.000	-0.0012	-2.5 to 2.5	Pass
					4.5	-3.700	-0.0022	-2.5 to 2.5	Pass
				-30	3.92	4.400	0.0026	-2.5 to 2.5	Pass
				-20	3.92	-5.900	-0.0034	-2.5 to 2.5	Pass
				-10	3.92	-5.300	-0.0031	-2.5 to 2.5	Pass
				0	3.92	-1.700	-0.0010	-2.5 to 2.5	Pass
				10	3.92	-4.200	-0.0024	-2.5 to 2.5	Pass
				30	3.92	-4.800	-0.0028	-2.5 to 2.5	Pass
				40	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
				50	3.92	1.300	0.0008	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	0.000	0.0000	-2.5 to 2.5	Pass
					3.92	1.700	0.0010	-2.5 to 2.5	Pass
					4.5	2.500	0.0014	-2.5 to 2.5	Pass
				-30	3.92	-2.700	-0.0016	-2.5 to 2.5	Pass
				-20	3.92	-4.500	-0.0026	-2.5 to 2.5	Pass
				-10	3.92	0.500	0.0003	-2.5 to 2.5	Pass
				0	3.92	3.000	0.0017	-2.5 to 2.5	Pass
				10	3.92	1.600	0.0009	-2.5 to 2.5	Pass
				30	3.92	-4.800	-0.0028	-2.5 to 2.5	Pass
				40	3.92	-0.800	-0.0005	-2.5 to 2.5	Pass
				50	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	2.400	0.0014	-2.5 to 2.5	Pass

					3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
					4.5	2.300	0.0013	-2.5 to 2.5	Pass
				-30	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-3.500	-0.0020	-2.5 to 2.5	Pass
				-10	3.92	-3.500	-0.0020	-2.5 to 2.5	Pass
				0	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.92	-1.700	-0.0010	-2.5 to 2.5	Pass
				30	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				40	3.92	1.600	0.0009	-2.5 to 2.5	Pass
				50	3.92	3.800	0.0022	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.4	-6.400	-0.0037	-2.5 to 2.5	Pass
					3.92	-6.100	-0.0035	-2.5 to 2.5	Pass
					4.5	1.500	0.0009	-2.5 to 2.5	Pass
				-30	3.92	0.500	0.0003	-2.5 to 2.5	Pass
				-20	3.92	-4.200	-0.0024	-2.5 to 2.5	Pass
				-10	3.92	1.000	0.0006	-2.5 to 2.5	Pass
				0	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
				10	3.92	-1.300	-0.0008	-2.5 to 2.5	Pass
				30	3.92	-5.200	-0.0030	-2.5 to 2.5	Pass
				40	3.92	-6.000	-0.0035	-2.5 to 2.5	Pass
				50	3.92	-4.100	-0.0024	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	-4.800	-0.0028	-2.5 to 2.5	Pass
					3.92	-7.000	-0.0040	-2.5 to 2.5	Pass
					4.5	-0.200	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	-6.200	-0.0036	-2.5 to 2.5	Pass
				0	3.92	-6.300	-0.0036	-2.5 to 2.5	Pass
				10	3.92	-4.900	-0.0028	-2.5 to 2.5	Pass
				30	3.92	-4.100	-0.0024	-2.5 to 2.5	Pass
				40	3.92	-3.700	-0.0021	-2.5 to 2.5	Pass
				50	3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	1.400	0.0008	-2.5 to 2.5	Pass
					3.92	4.400	0.0025	-2.5 to 2.5	Pass
					4.5	-0.500	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	2.600	0.0015	-2.5 to 2.5	Pass
				-20	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.92	5.400	0.0031	-2.5 to 2.5	Pass
				0	3.92	-5.000	-0.0029	-2.5 to 2.5	Pass
				10	3.92	0.800	0.0005	-2.5 to 2.5	Pass
				30	3.92	4.700	0.0027	-2.5 to 2.5	Pass
				40	3.92	-3.800	-0.0022	-2.5 to 2.5	Pass
				50	3.92	1.900	0.0011	-2.5 to 2.5	Pass
256QAM	1720	100	0	20	3.4	-5.300	-0.0031	-2.5 to 2.5	Pass
					3.92	-6.400	-0.0037	-2.5 to 2.5	Pass
					4.5	-4.800	-0.0028	-2.5 to 2.5	Pass
				-30	3.92	-6.400	-0.0037	-2.5 to 2.5	Pass
				-20	3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
				-10	3.92	-5.100	-0.0030	-2.5 to 2.5	Pass
				0	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				10	3.92	-4.900	-0.0028	-2.5 to 2.5	Pass
				30	3.92	-4.400	-0.0026	-2.5 to 2.5	Pass
				40	3.92	-6.300	-0.0037	-2.5 to 2.5	Pass
				50	3.92	1.700	0.0010	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.4	1.300	0.0008	-2.5 to 2.5	Pass
					3.92	3.800	0.0022	-2.5 to 2.5	Pass
					4.5	3.100	0.0018	-2.5 to 2.5	Pass
				-30	3.92	7.900	0.0046	-2.5 to 2.5	Pass
				-20	3.92	1.900	0.0011	-2.5 to 2.5	Pass

				-10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.92	2.000	0.0012	-2.5 to 2.5	Pass
				10	3.92	2.200	0.0013	-2.5 to 2.5	Pass
				30	3.92	4.800	0.0028	-2.5 to 2.5	Pass
				40	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.92	5.300	0.0031	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	0.500	0.0003	-2.5 to 2.5	Pass
					3.92	5.200	0.0030	-2.5 to 2.5	Pass
					4.5	6.800	0.0039	-2.5 to 2.5	Pass
				-30	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				-20	3.92	5.100	0.0029	-2.5 to 2.5	Pass
				-10	3.92	6.900	0.0040	-2.5 to 2.5	Pass
				0	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				10	3.92	1.300	0.0007	-2.5 to 2.5	Pass
				30	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				40	3.92	7.000	0.0040	-2.5 to 2.5	Pass
				50	3.92	3.400	0.0019	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.108	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.111	/	Pass
	16QAM	1710.7	6	0	1.122	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.115	/	Pass
	64QAM	1710.7	6	0	1.120	/	Pass
		1732.5	6	0	1.118	/	Pass
		1754.3	6	0	1.116	/	Pass
	256QAM	1710.7	6	0	1.106	/	Pass
		1732.5	6	0	1.110	/	Pass
		1754.3	6	0	1.104	/	Pass
3	QPSK	1711.5	15	0	2.734	/	Pass
		1732.5	15	0	2.721	/	Pass
		1753.5	15	0	2.729	/	Pass
	16QAM	1711.5	15	0	2.729	/	Pass
		1732.5	15	0	2.722	/	Pass
		1753.5	15	0	2.729	/	Pass
	64QAM	1711.5	15	0	2.732	/	Pass
		1732.5	15	0	2.730	/	Pass
		1753.5	15	0	2.726	/	Pass
	256QAM	1711.5	15	0	2.725	/	Pass
		1732.5	15	0	2.741	/	Pass
		1753.5	15	0	2.732	/	Pass
5	QPSK	1712.5	25	0	4.554	/	Pass
		1732.5	25	0	4.545	/	Pass
		1752.5	25	0	4.544	/	Pass
	16QAM	1712.5	25	0	4.538	/	Pass
		1732.5	25	0	4.538	/	Pass
		1752.5	25	0	4.531	/	Pass
	64QAM	1712.5	25	0	4.546	/	Pass
		1732.5	25	0	4.545	/	Pass
		1752.5	25	0	4.553	/	Pass
	256QAM	1712.5	25	0	4.529	/	Pass
		1732.5	25	0	4.537	/	Pass
		1752.5	25	0	4.529	/	Pass
10	QPSK	1715	50	0	9.048	/	Pass
		1732.5	50	0	9.097	/	Pass
		1750	50	0	9.063	/	Pass
	16QAM	1715	50	0	9.026	/	Pass
		1732.5	50	0	9.035	/	Pass
		1750	50	0	9.049	/	Pass
	64QAM	1715	50	0	9.054	/	Pass
		1732.5	50	0	9.046	/	Pass
		1750	50	0	9.067	/	Pass
	256QAM	1715	50	0	9.030	/	Pass
		1732.5	50	0	9.043	/	Pass

		1750	50	0	9.038	/	Pass
15	QPSK	1717.5	75	0	13.586	/	Pass
		1732.5	75	0	13.584	/	Pass
		1747.5	75	0	13.577	/	Pass
		1717.5	75	0	13.549	/	Pass
	16QAM	1732.5	75	0	13.587	/	Pass
		1747.5	75	0	13.605	/	Pass
		1717.5	75	0	13.543	/	Pass
	64QAM	1732.5	75	0	13.541	/	Pass
		1747.5	75	0	13.563	/	Pass
		1717.5	75	0	13.553	/	Pass
	256QAM	1732.5	75	0	13.565	/	Pass
		1747.5	75	0	13.573	/	Pass
20	QPSK	1720	100	0	18.105	/	Pass
		1732.5	100	0	18.094	/	Pass
		1745	100	0	18.063	/	Pass
	16QAM	1720	100	0	18.097	/	Pass
		1732.5	100	0	18.090	/	Pass
		1745	100	0	18.125	/	Pass
	64QAM	1720	100	0	18.086	/	Pass
		1732.5	100	0	18.085	/	Pass
		1745	100	0	18.133	/	Pass
	256QAM	1720	100	0	18.037	/	Pass
		1732.5	100	0	18.091	/	Pass
		1745	100	0	18.116	/	Pass

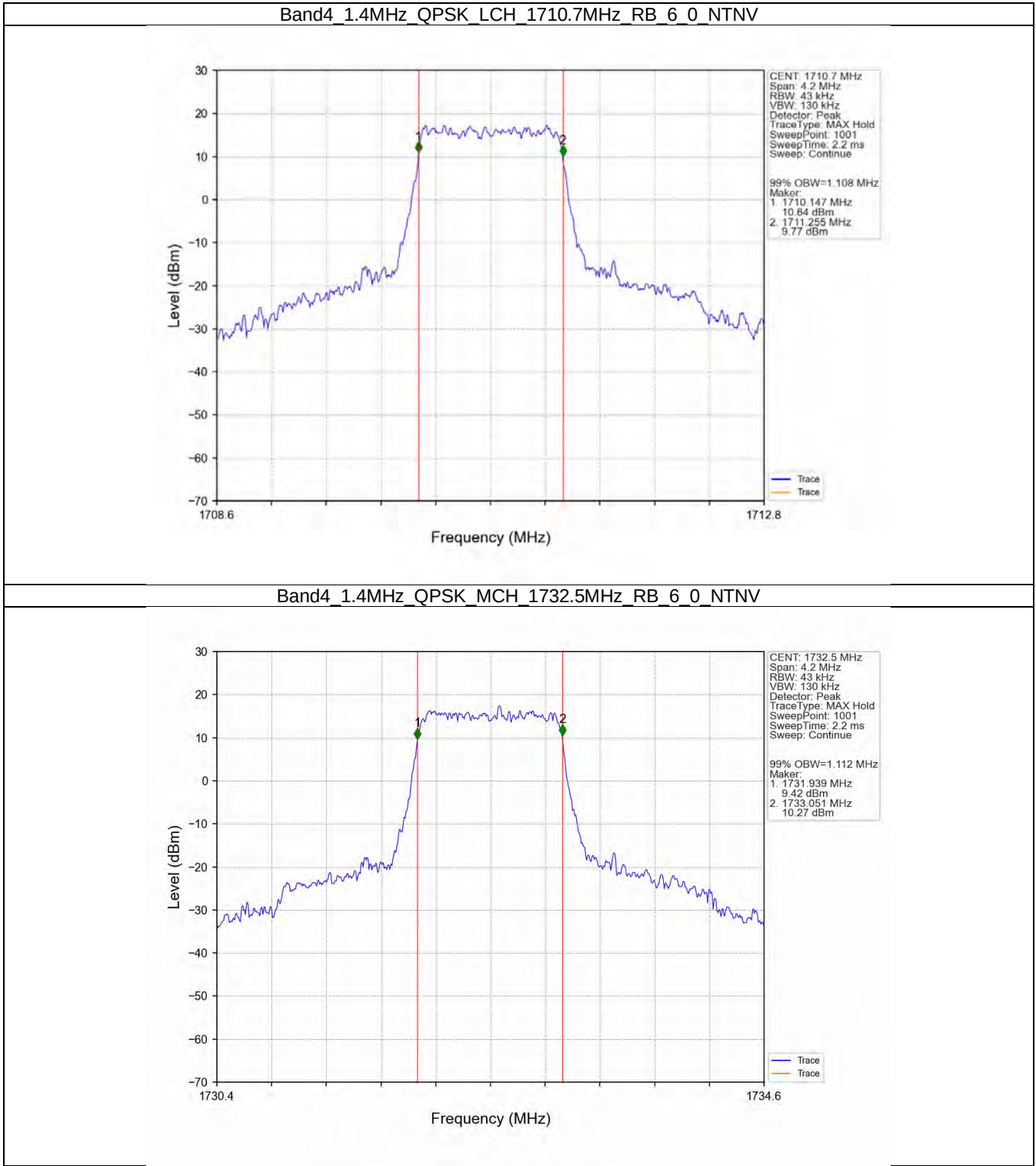
3.1.2 Band4_XDB

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	1.318	/	Pass
		1732.5	6	0	1.323	/	Pass
		1754.3	6	0	1.298	/	Pass
	16QAM	1710.7	6	0	1.327	/	Pass
		1732.5	6	0	1.303	/	Pass
		1754.3	6	0	1.315	/	Pass
	64QAM	1710.7	6	0	1.324	/	Pass
		1732.5	6	0	1.333	/	Pass
		1754.3	6	0	1.321	/	Pass
	256QAM	1710.7	6	0	1.313	/	Pass
		1732.5	6	0	1.314	/	Pass
		1754.3	6	0	1.302	/	Pass
3	QPSK	1711.5	15	0	3.031	/	Pass
		1732.5	15	0	3.025	/	Pass
		1753.5	15	0	3.008	/	Pass
	16QAM	1711.5	15	0	3.023	/	Pass
		1732.5	15	0	3.019	/	Pass
		1753.5	15	0	3.038	/	Pass
	64QAM	1711.5	15	0	2.996	/	Pass
		1732.5	15	0	3.010	/	Pass
		1753.5	15	0	3.013	/	Pass
	256QAM	1711.5	15	0	3.039	/	Pass
		1732.5	15	0	3.028	/	Pass
		1753.5	15	0	3.008	/	Pass
5	QPSK	1712.5	25	0	5.109	/	Pass
		1732.5	25	0	5.071	/	Pass

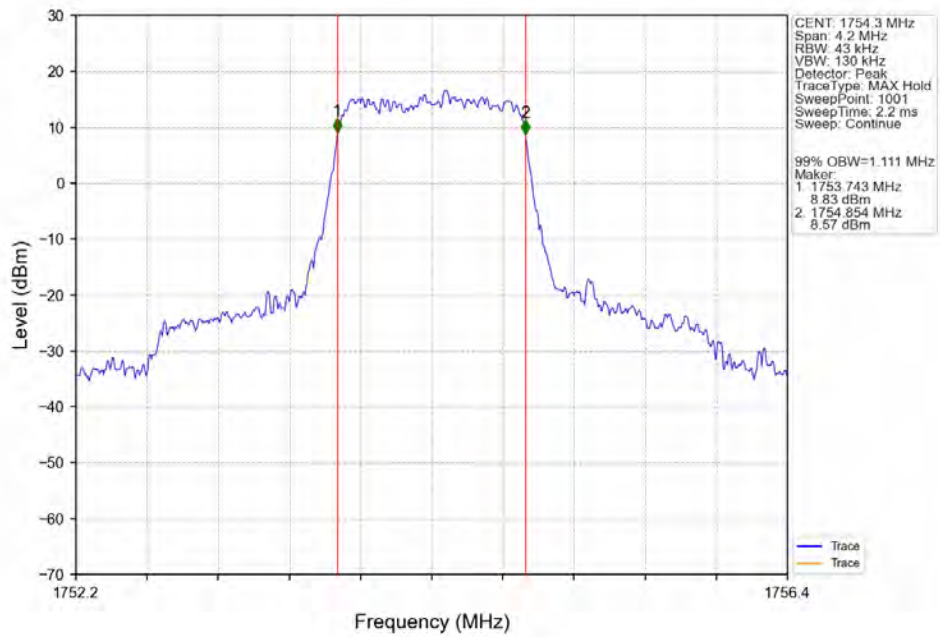
	16QAM	1752.5	25	0	5.073	/	Pass
		1712.5	25	0	5.063	/	Pass
		1732.5	25	0	5.042	/	Pass
		1752.5	25	0	5.077	/	Pass
	64QAM	1712.5	25	0	5.037	/	Pass
		1732.5	25	0	5.062	/	Pass
		1752.5	25	0	5.086	/	Pass
	256QAM	1712.5	25	0	5.011	/	Pass
		1732.5	25	0	5.023	/	Pass
		1752.5	25	0	5.027	/	Pass
10	QPSK	1715	50	0	9.906	/	Pass
		1732.5	50	0	9.987	/	Pass
		1750	50	0	9.945	/	Pass
	16QAM	1715	50	0	9.941	/	Pass
		1732.5	50	0	9.871	/	Pass
		1750	50	0	9.953	/	Pass
	64QAM	1715	50	0	10.019	/	Pass
		1732.5	50	0	9.996	/	Pass
		1750	50	0	9.990	/	Pass
	256QAM	1715	50	0	9.918	/	Pass
15	QPSK	1717.5	75	0	14.938	/	Pass
		1732.5	75	0	14.956	/	Pass
		1747.5	75	0	14.966	/	Pass
	16QAM	1717.5	75	0	14.987	/	Pass
		1732.5	75	0	15.004	/	Pass
		1747.5	75	0	14.910	/	Pass
	64QAM	1717.5	75	0	14.891	/	Pass
		1732.5	75	0	14.966	/	Pass
		1747.5	75	0	14.992	/	Pass
	256QAM	1717.5	75	0	15.010	/	Pass
20	QPSK	1720	100	0	19.804	/	Pass
		1732.5	100	0	19.764	/	Pass
		1745	100	0	19.795	/	Pass
	16QAM	1720	100	0	21.487	/	Pass
		1732.5	100	0	19.902	/	Pass
		1745	100	0	19.738	/	Pass
	64QAM	1720	100	0	19.716	/	Pass
		1732.5	100	0	19.819	/	Pass
		1745	100	0	19.956	/	Pass
	256QAM	1720	100	0	19.607	/	Pass
		1732.5	100	0	19.667	/	Pass
		1745	100	0	19.779	/	Pass

3.2 Test Graph

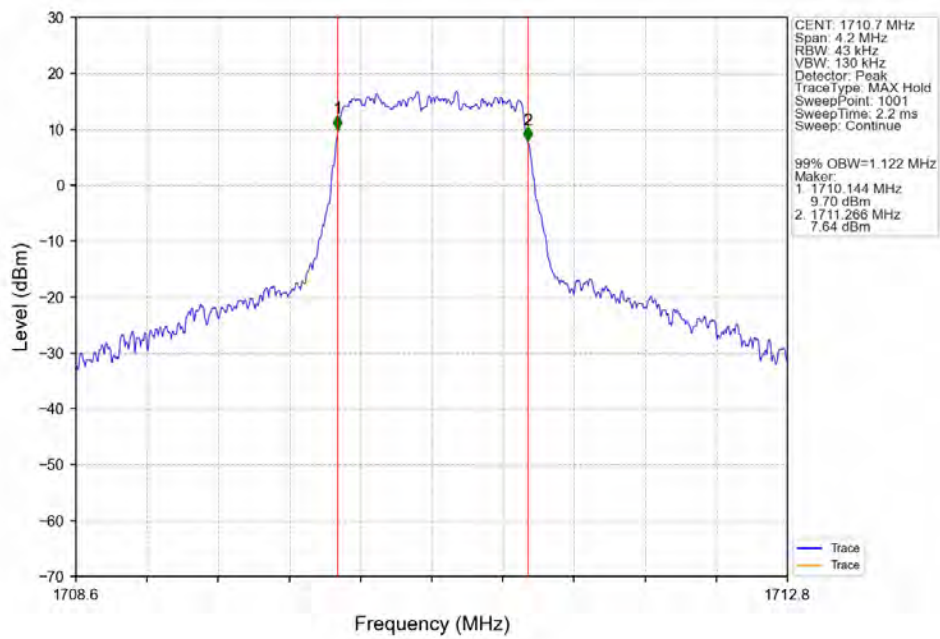
3.2.1 Band4_OBW



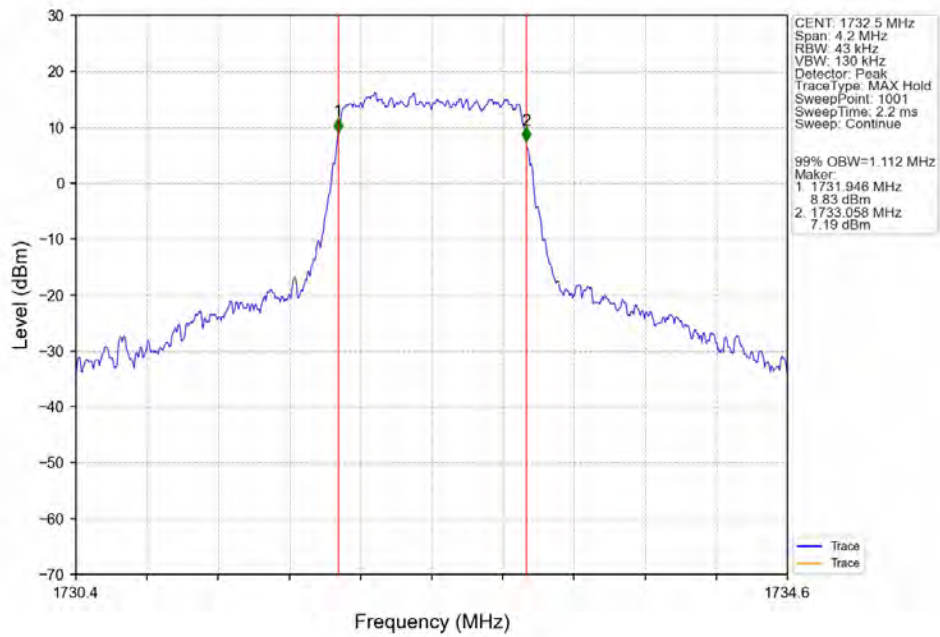
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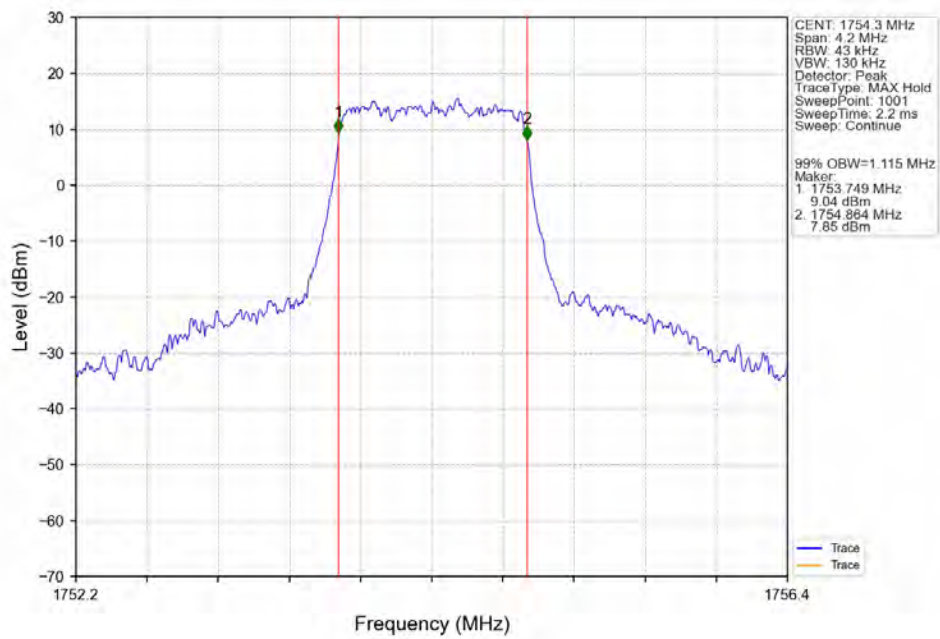
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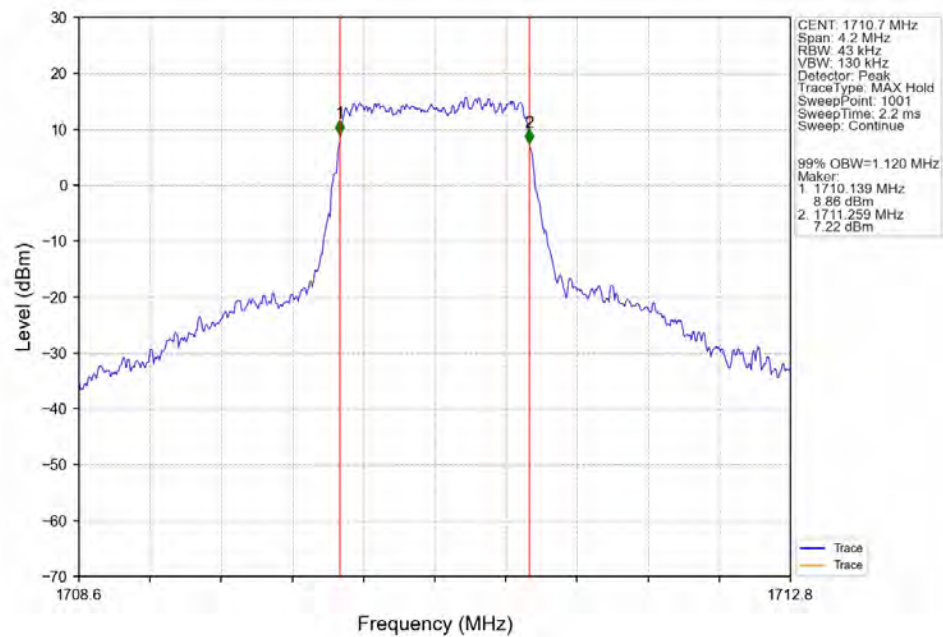
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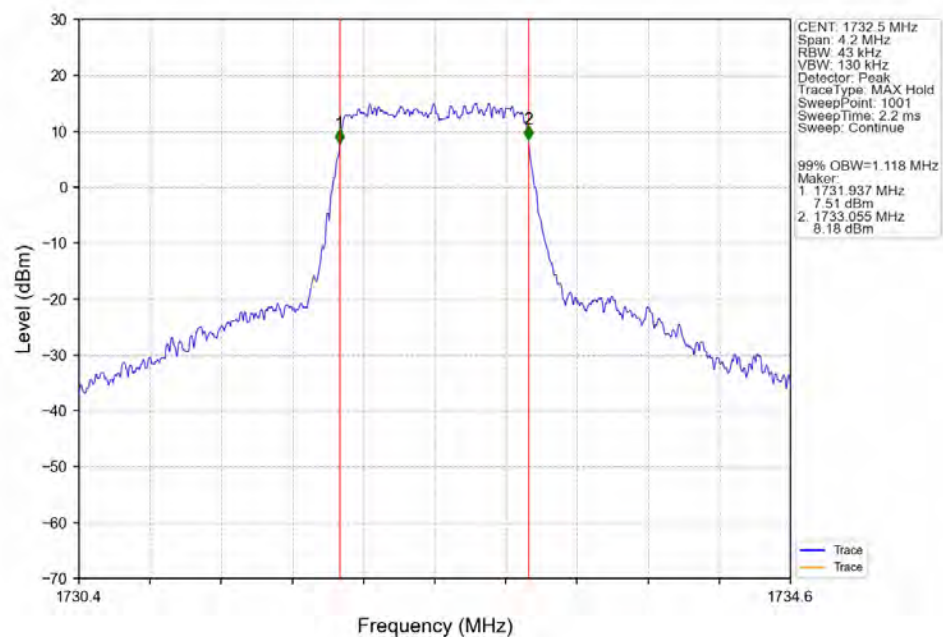
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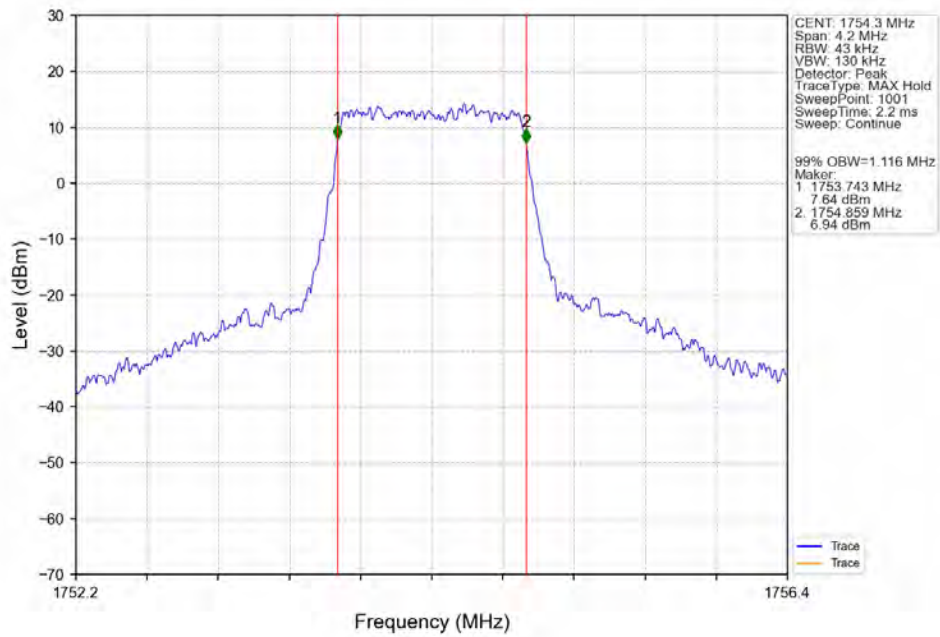
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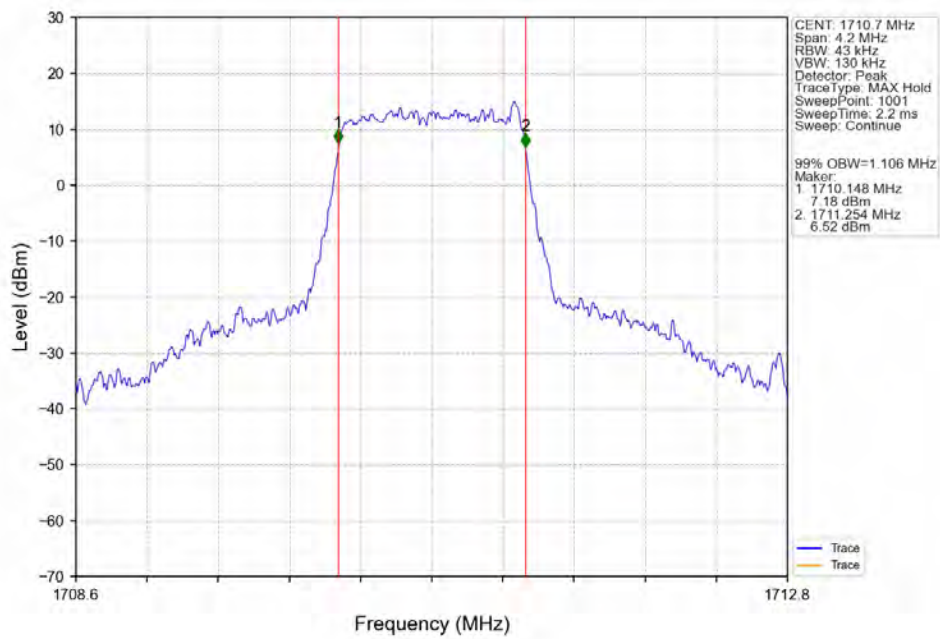
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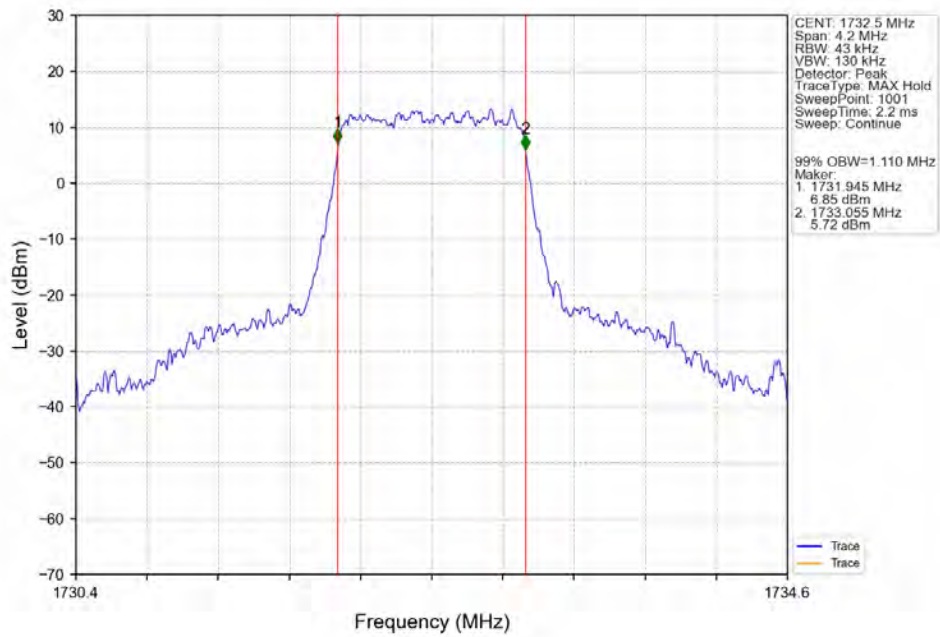
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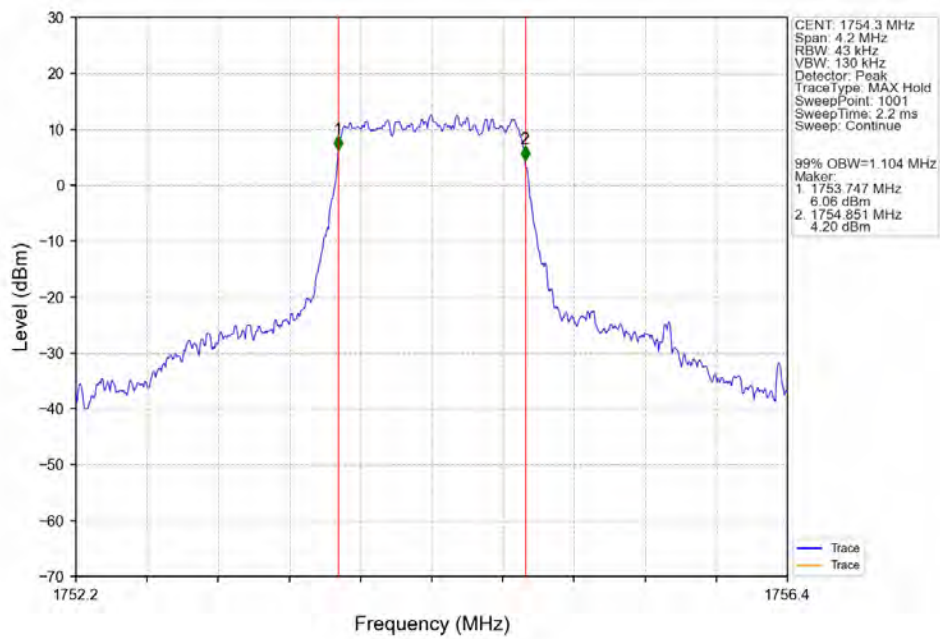
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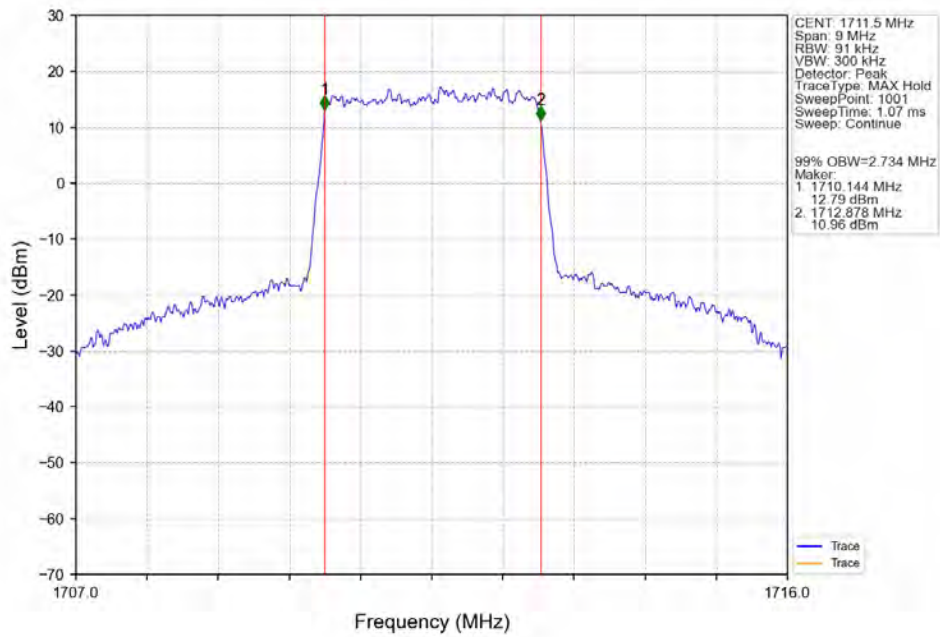
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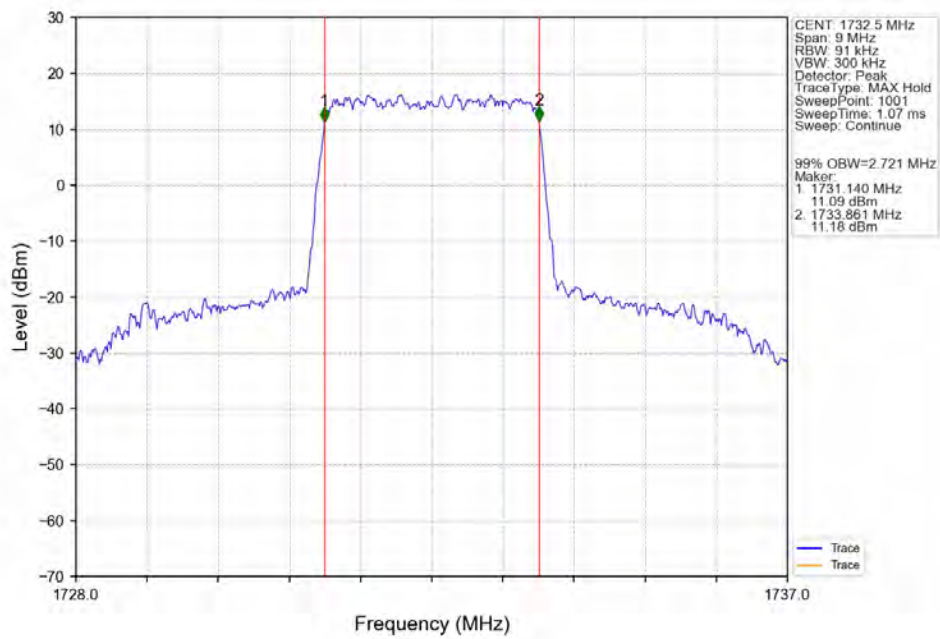
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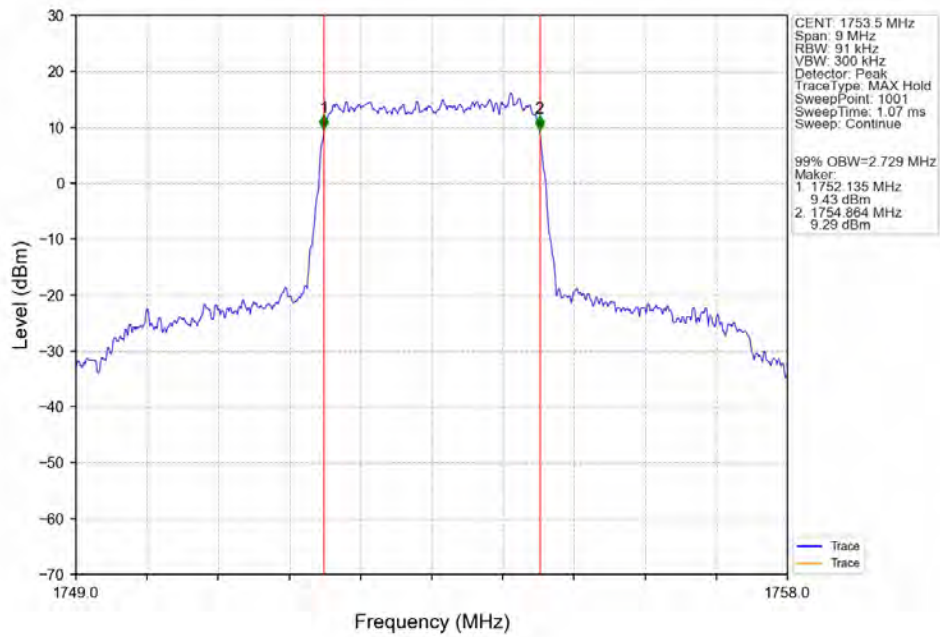
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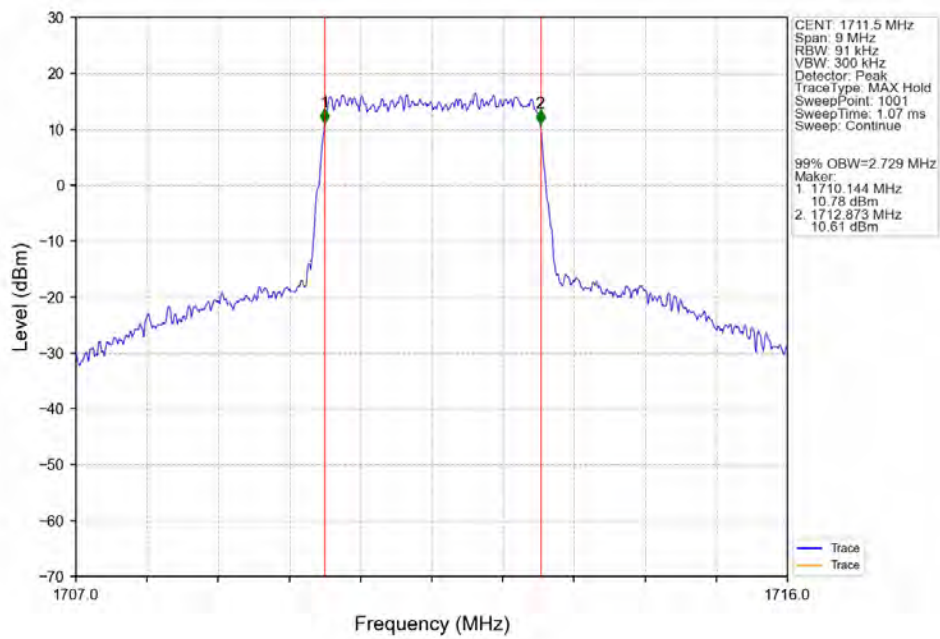
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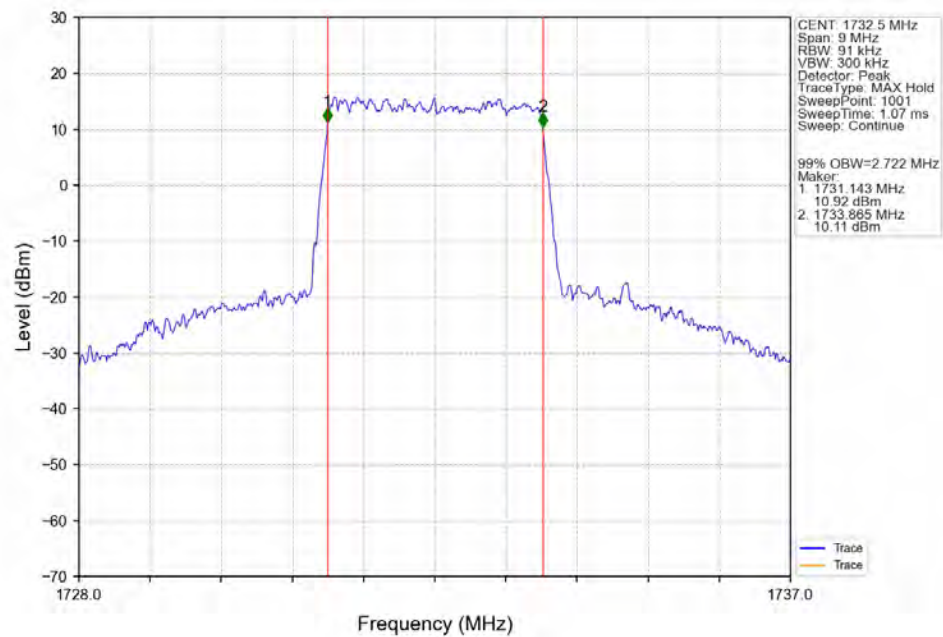
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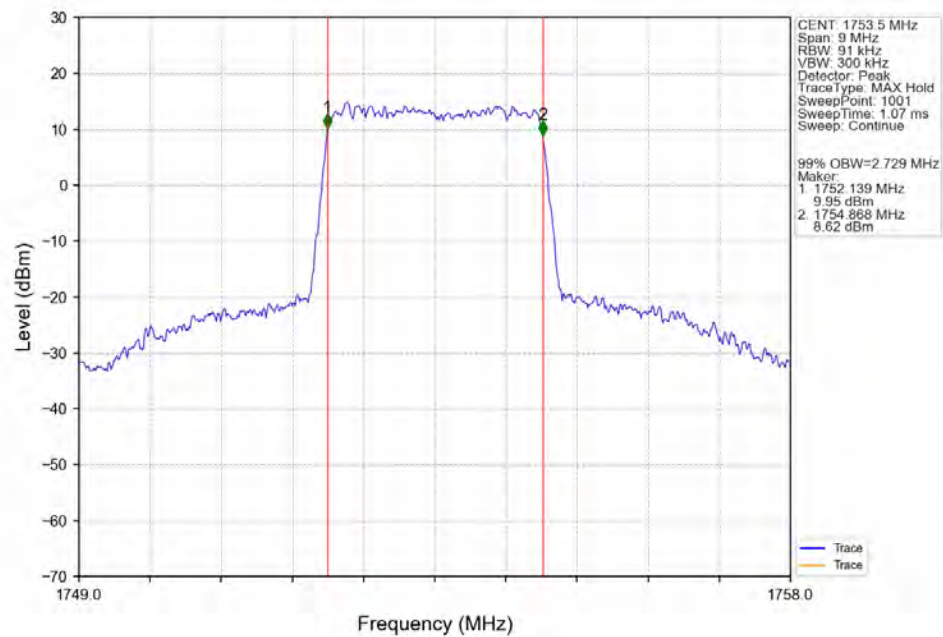
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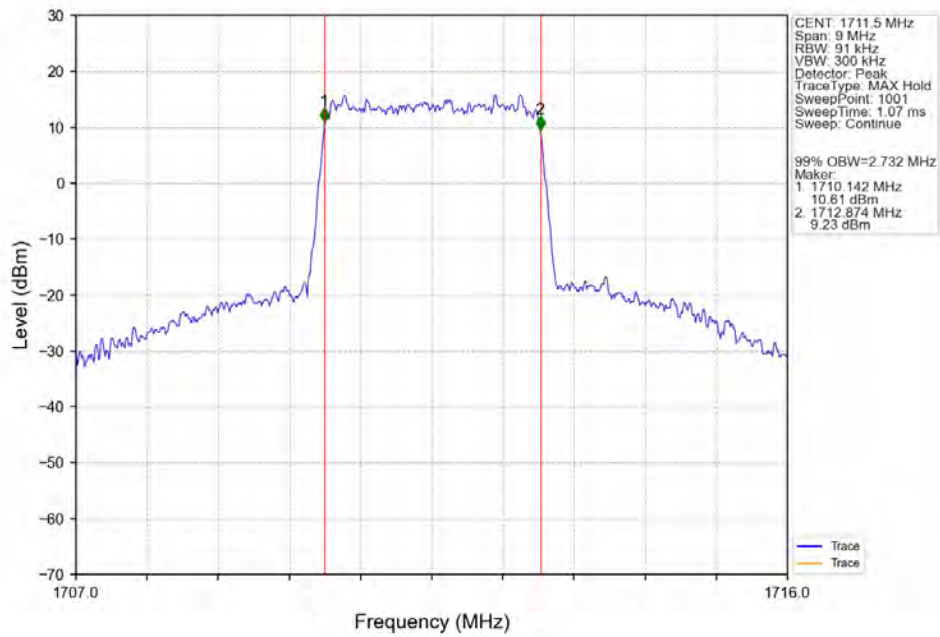
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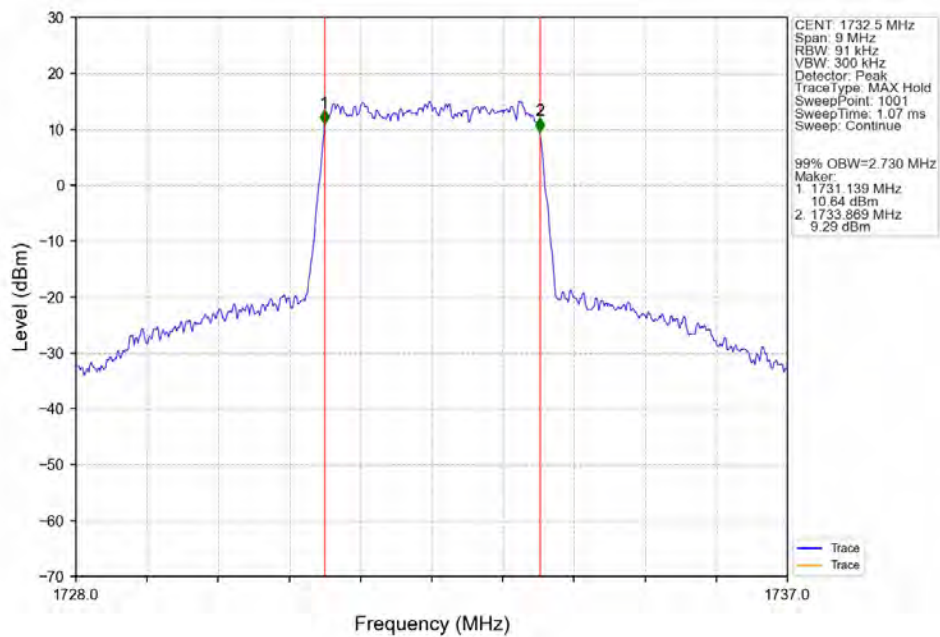
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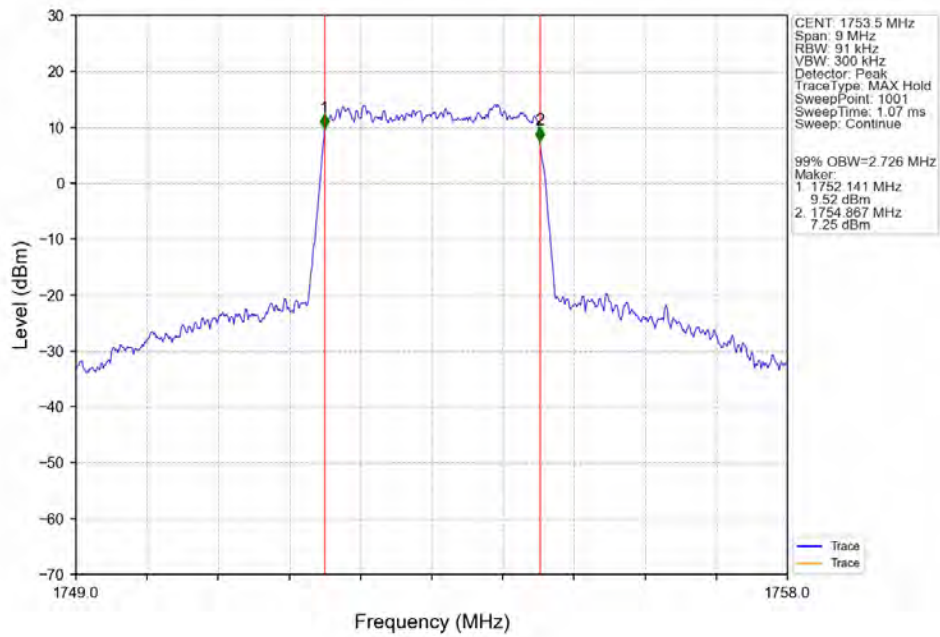
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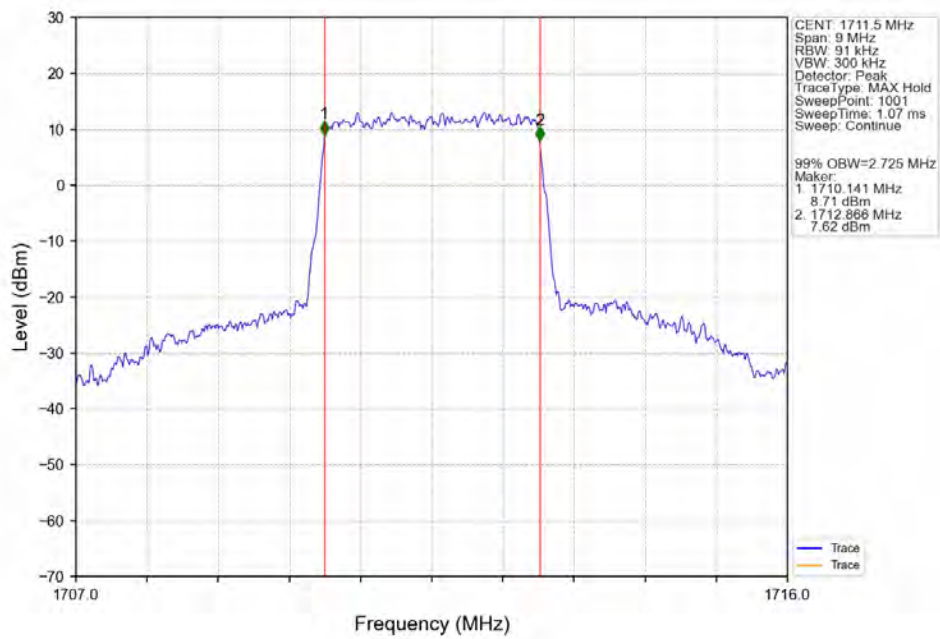
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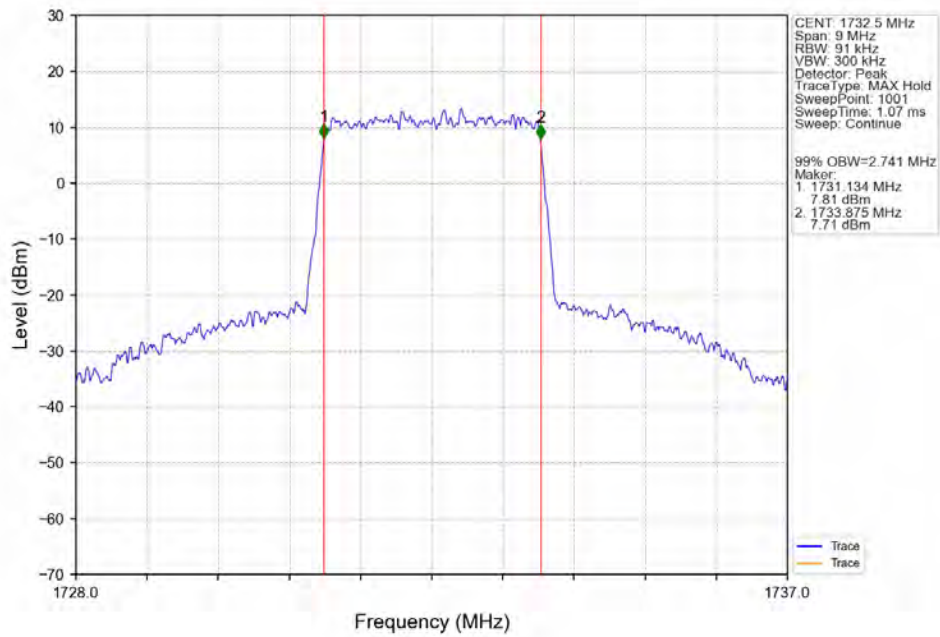
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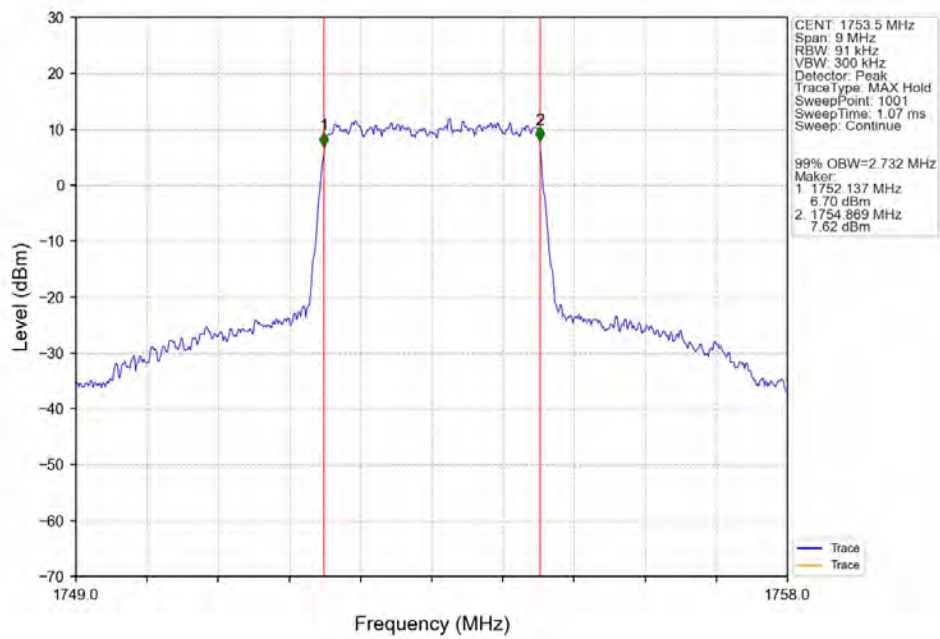
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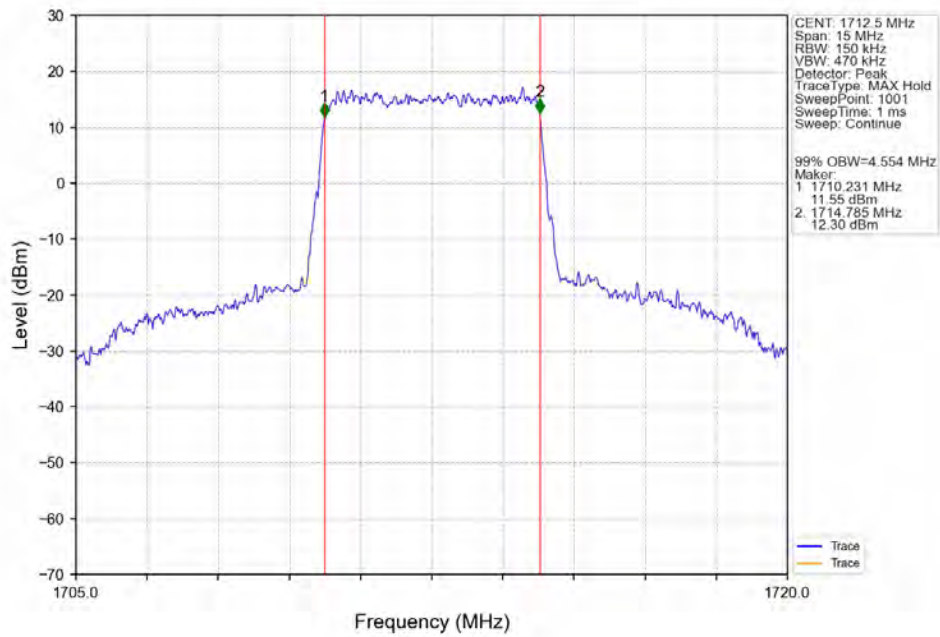
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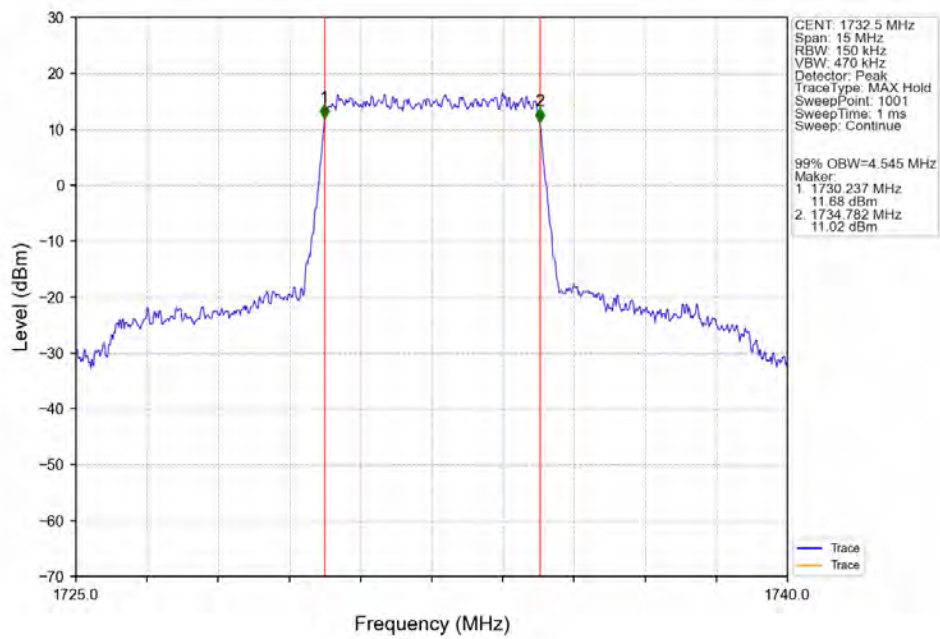
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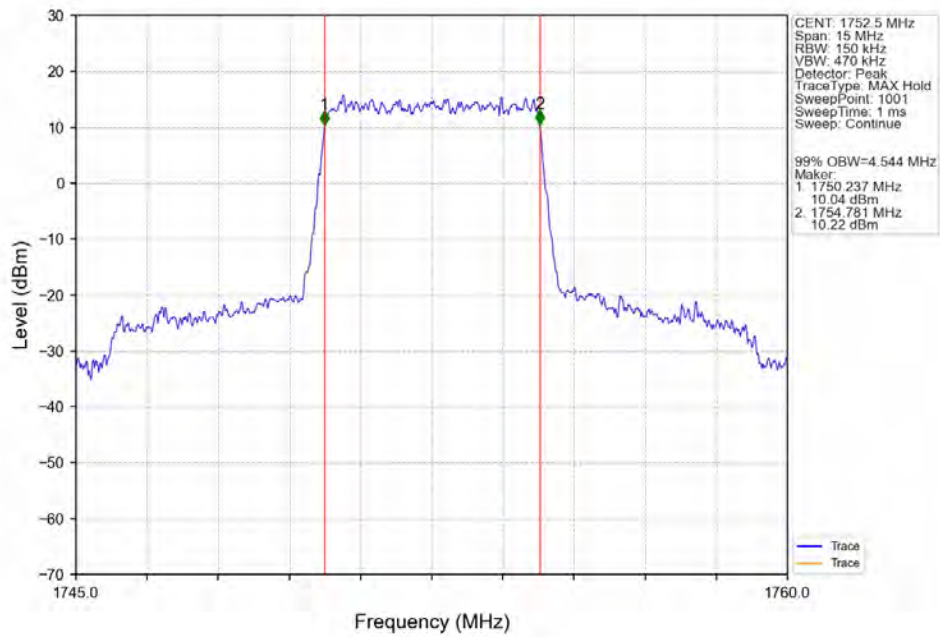
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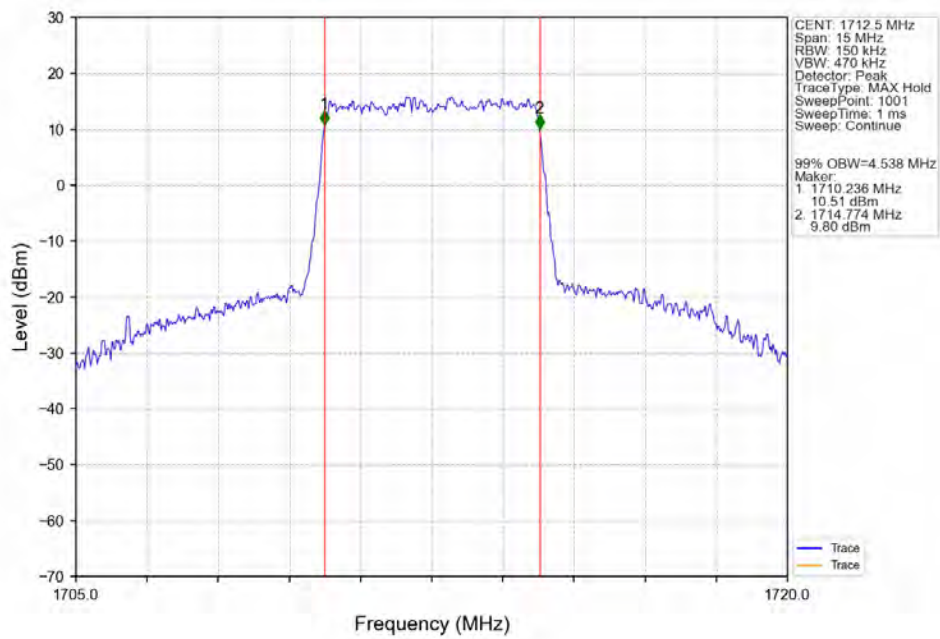
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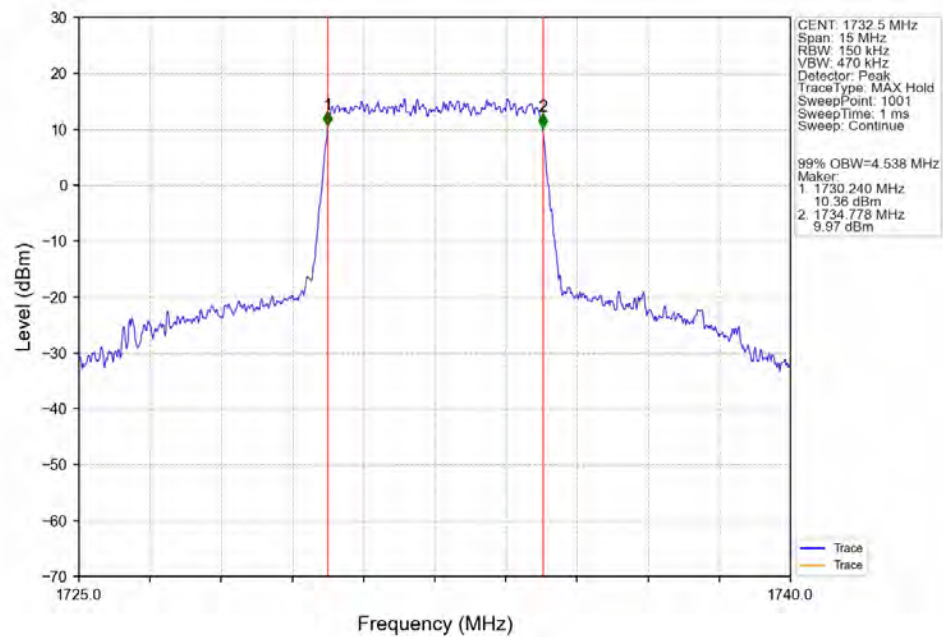
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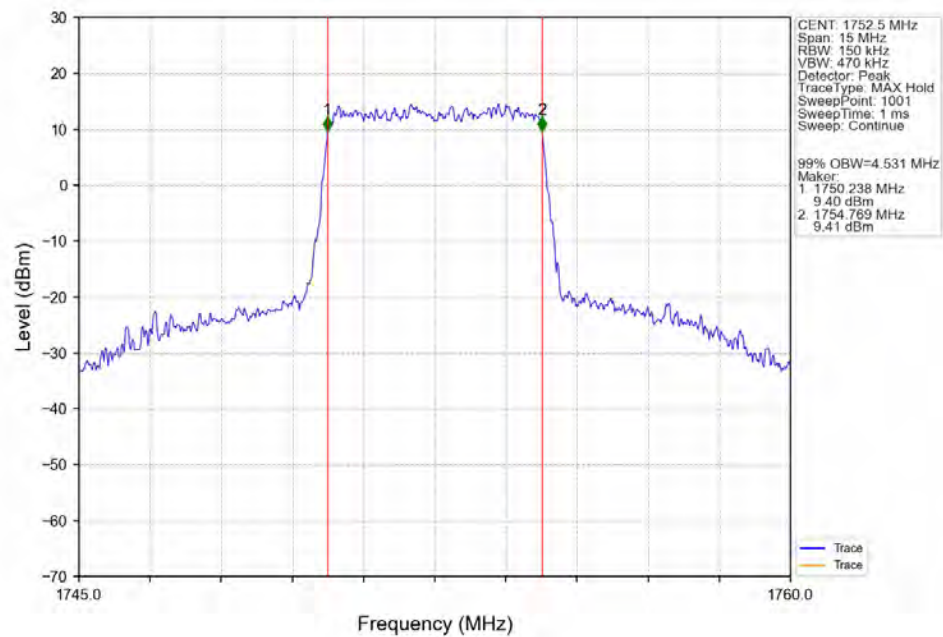
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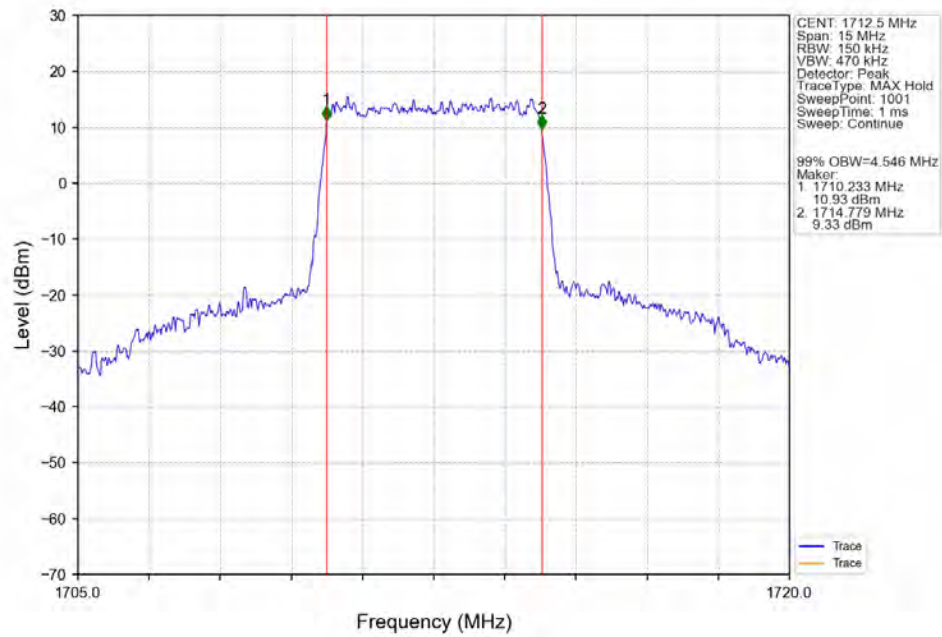
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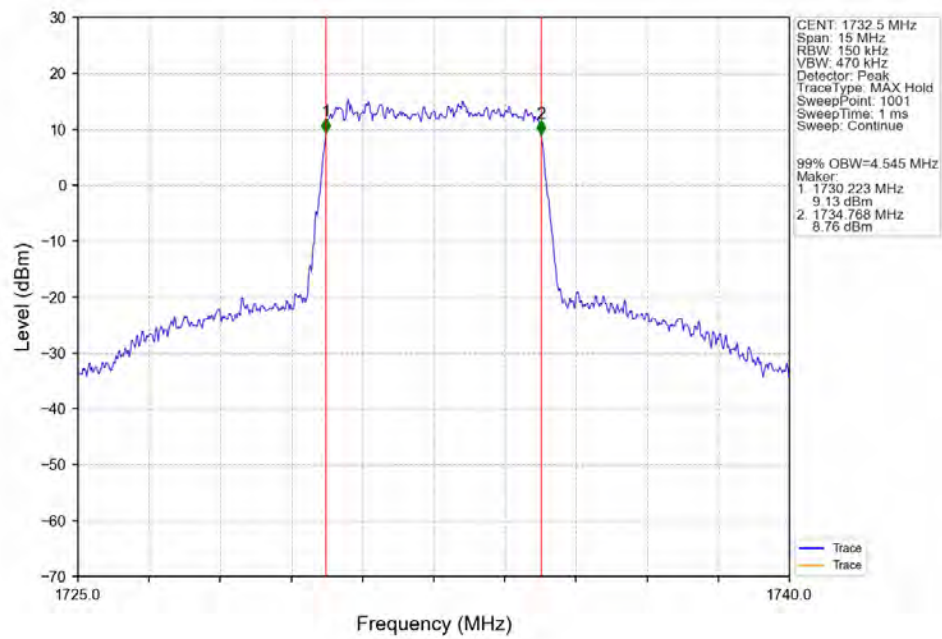
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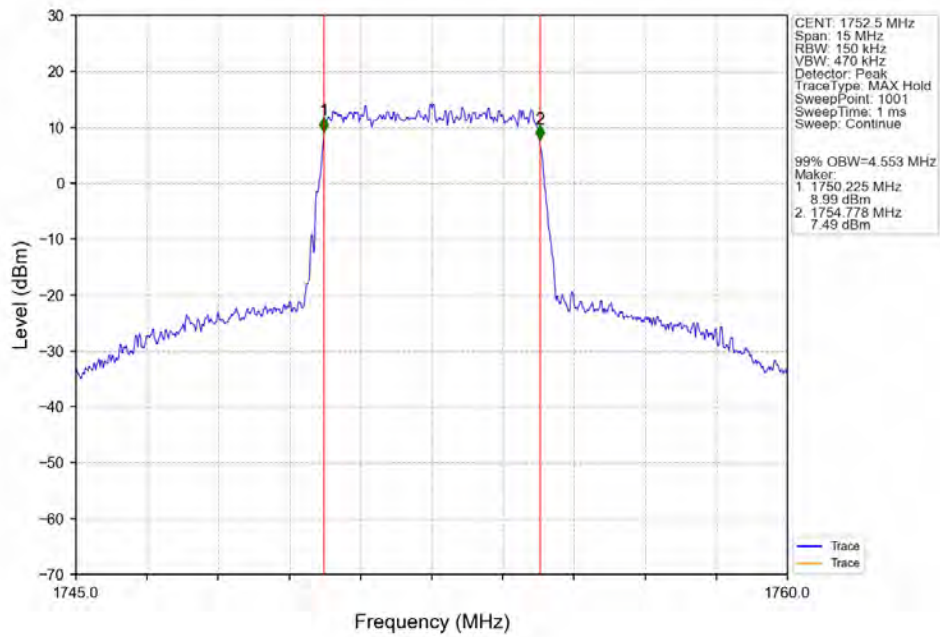
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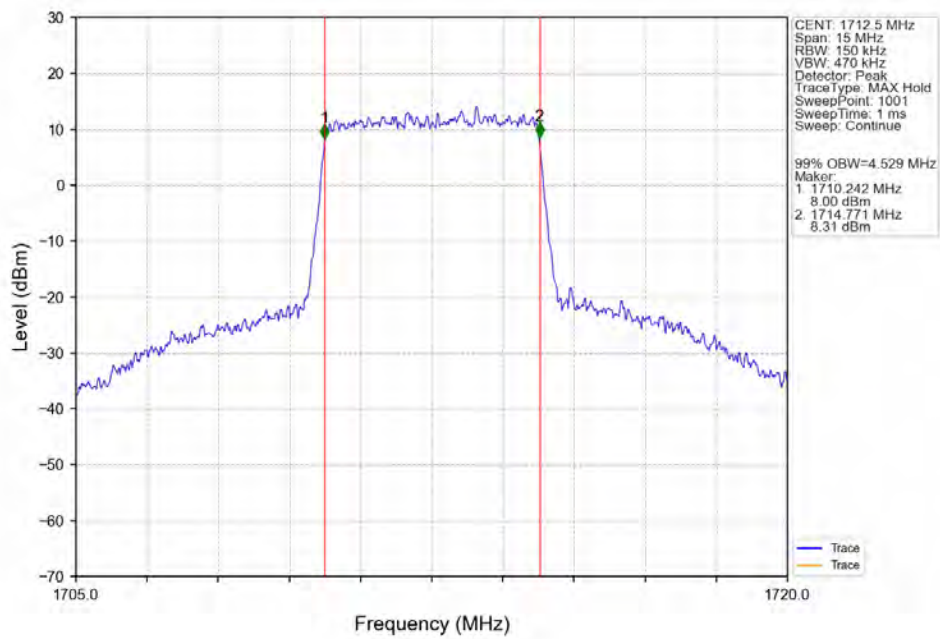
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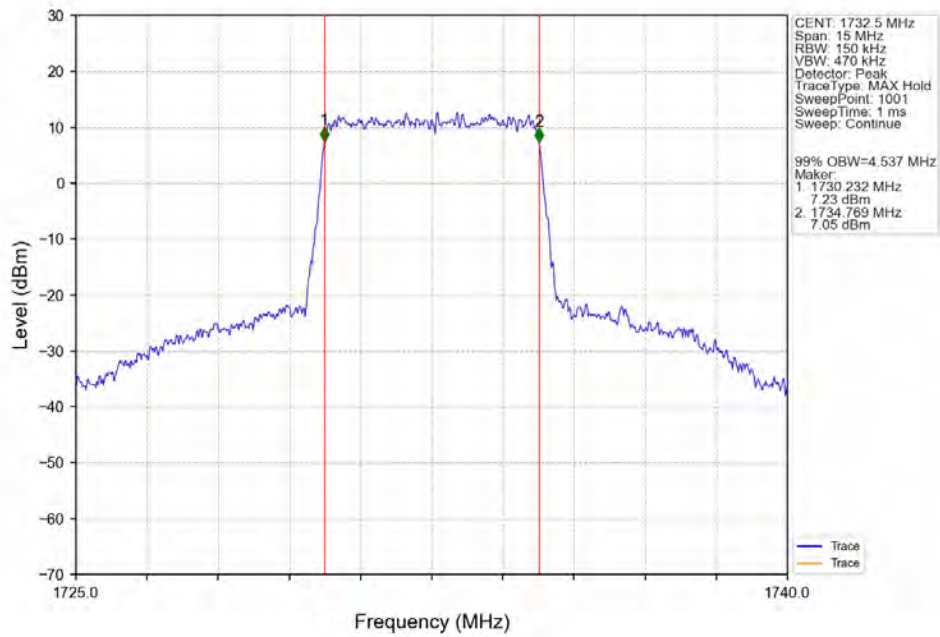
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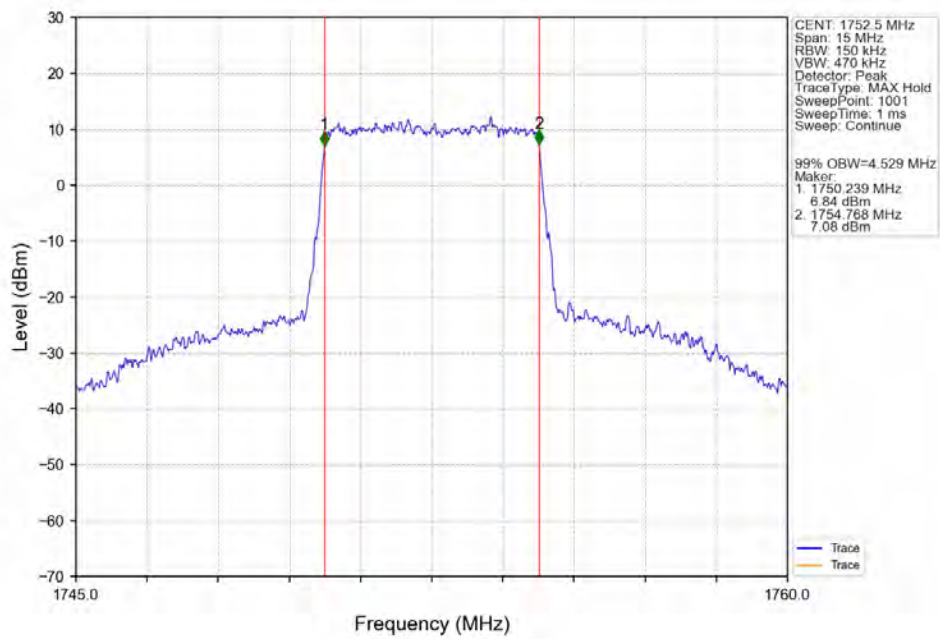
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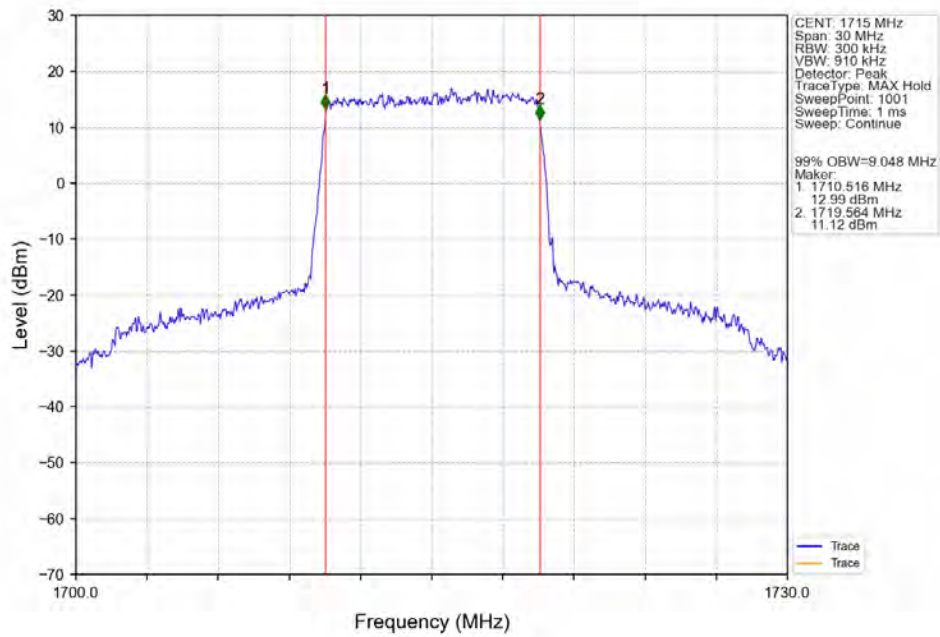
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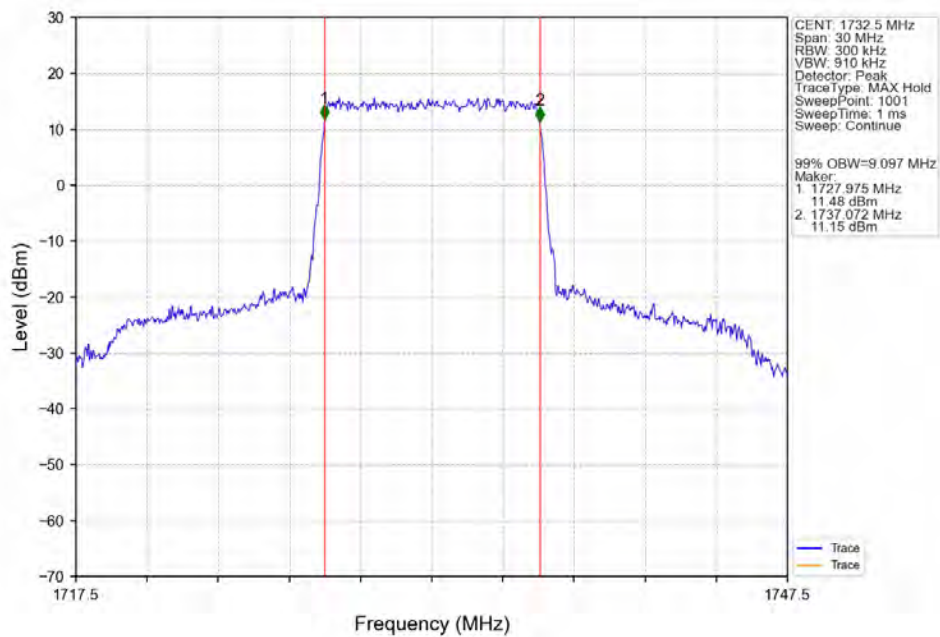
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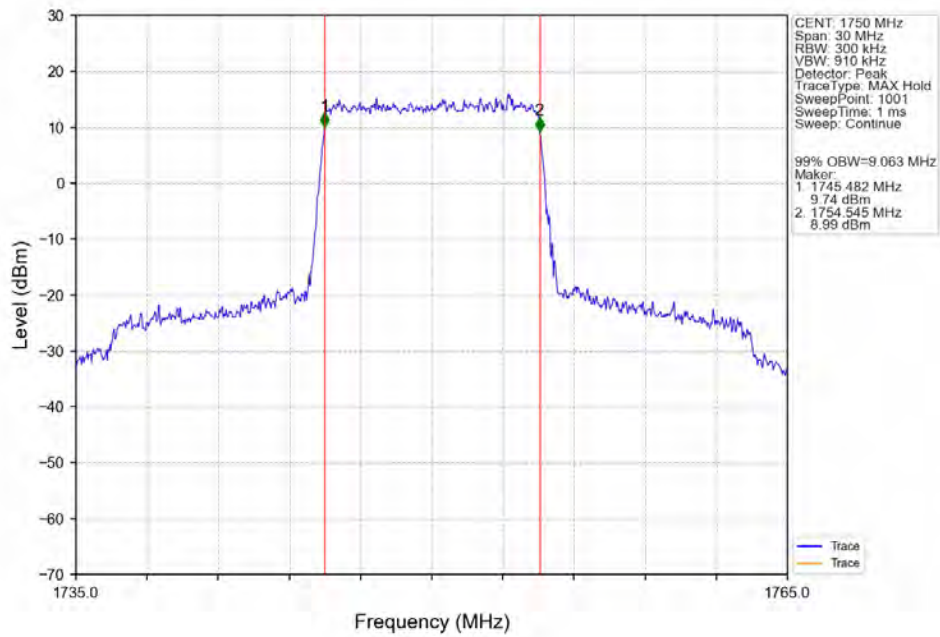
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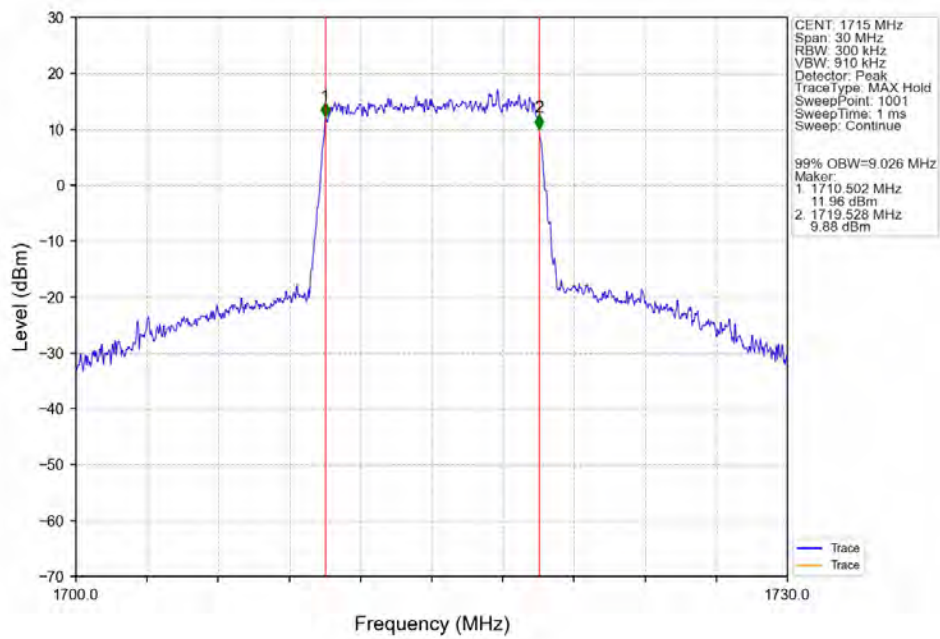
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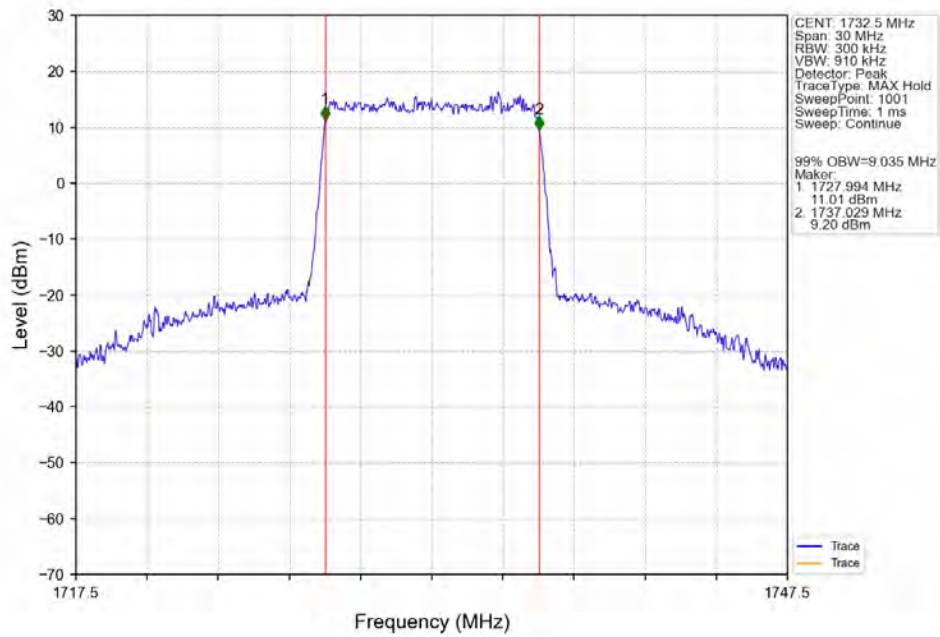
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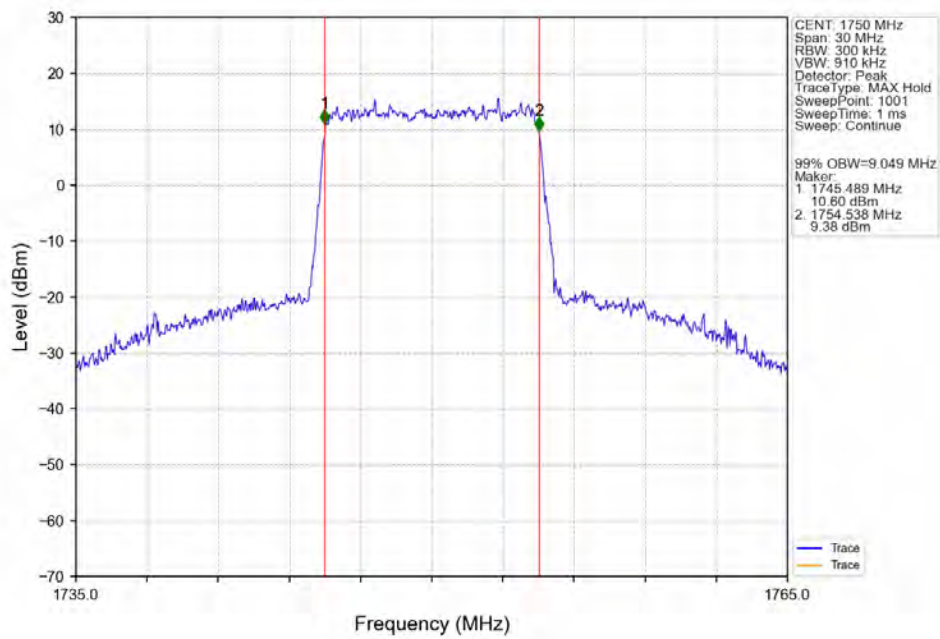
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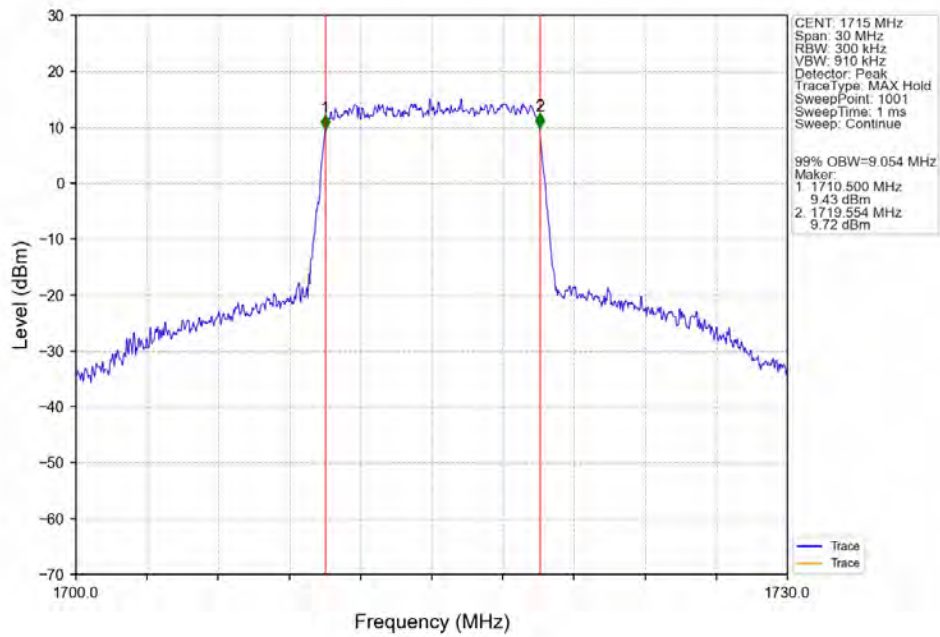
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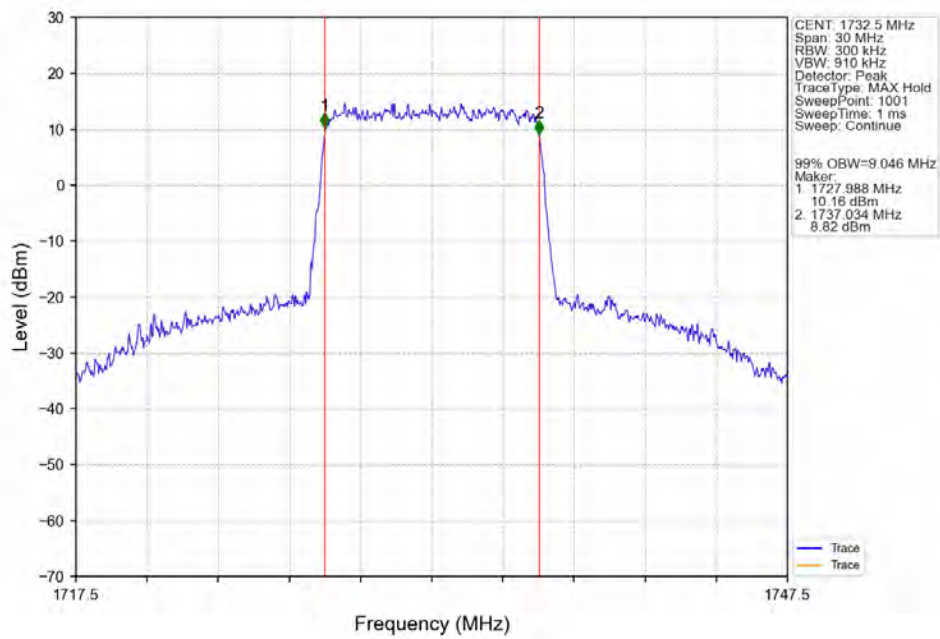
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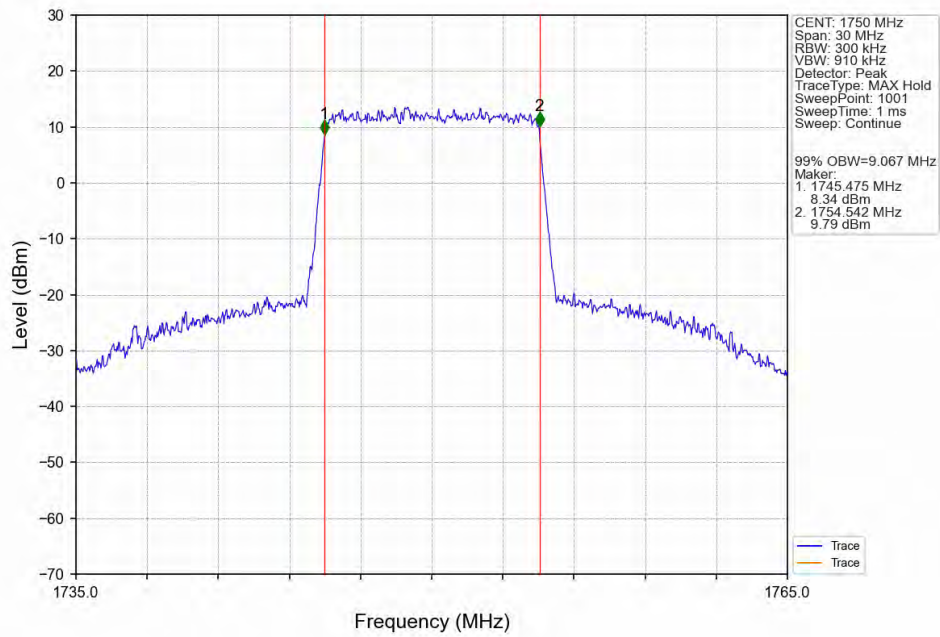
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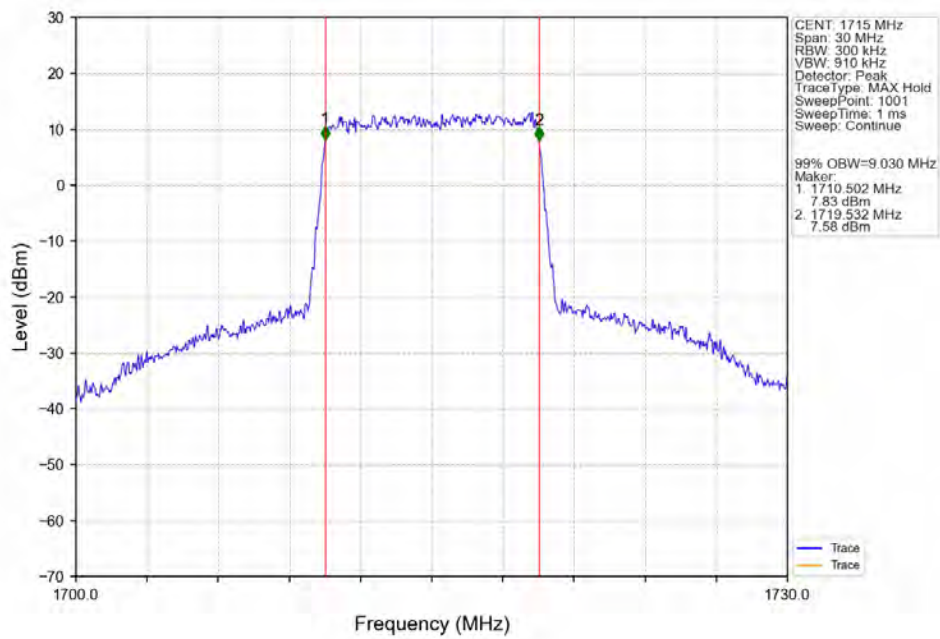
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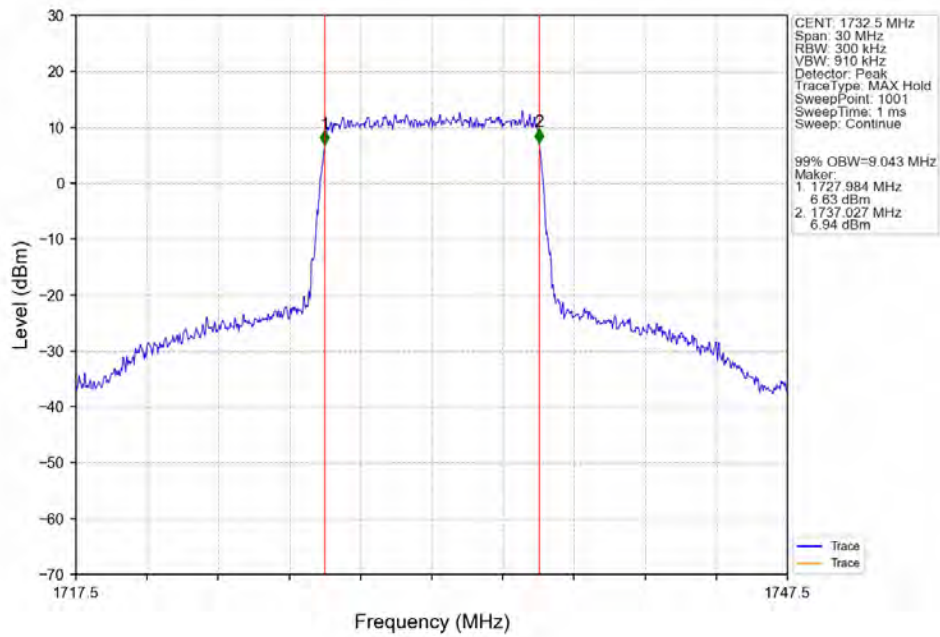
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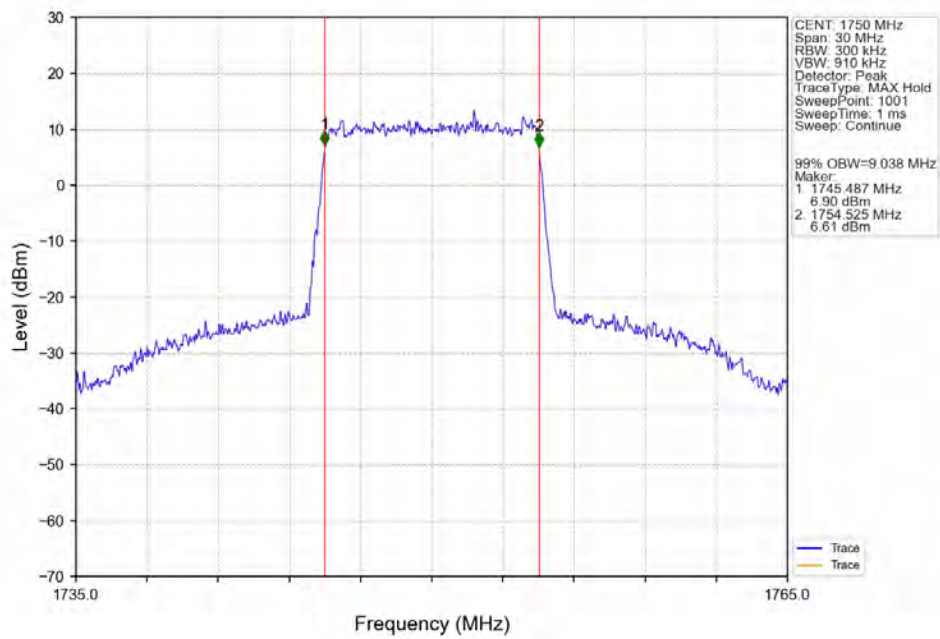
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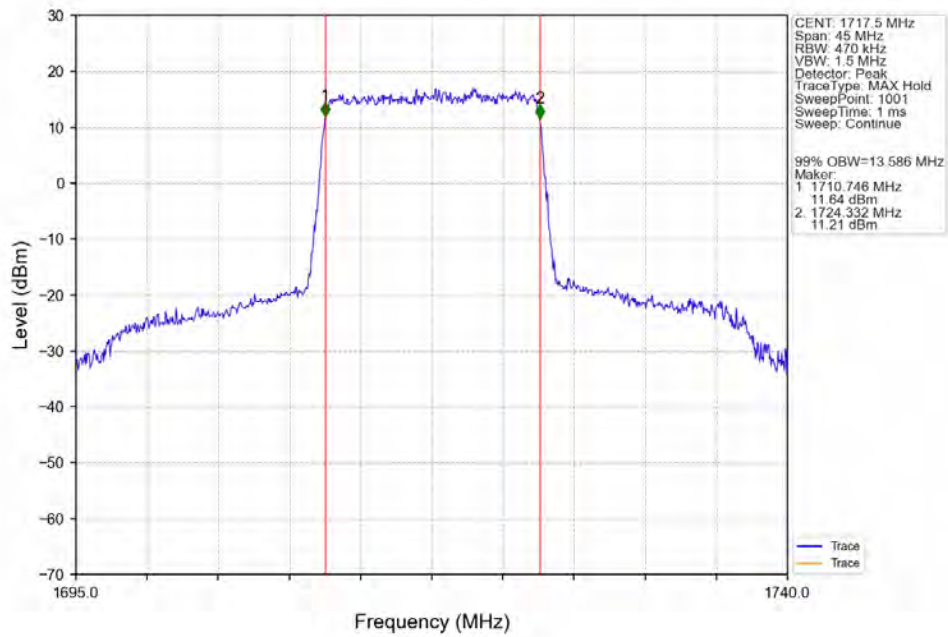
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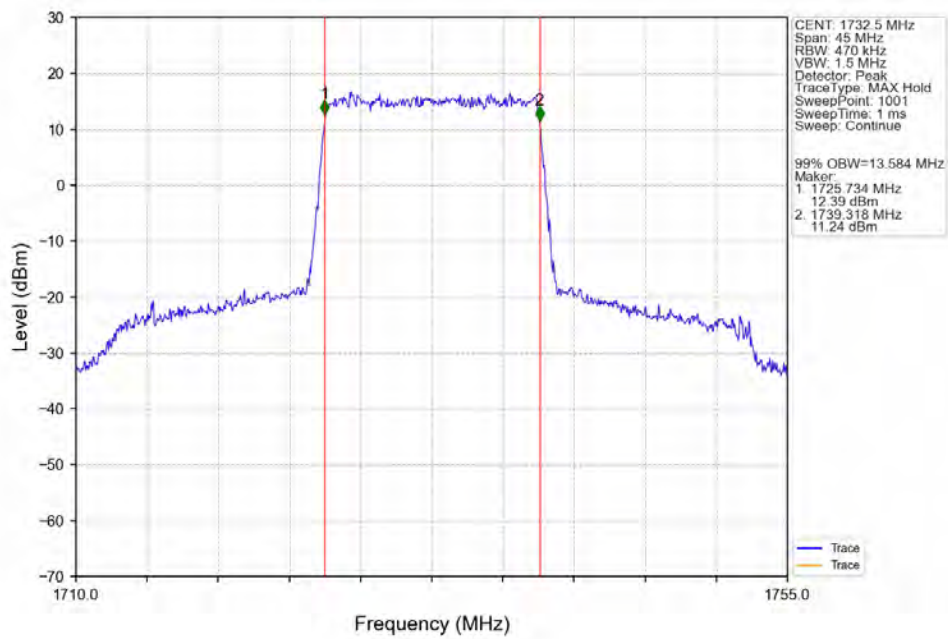
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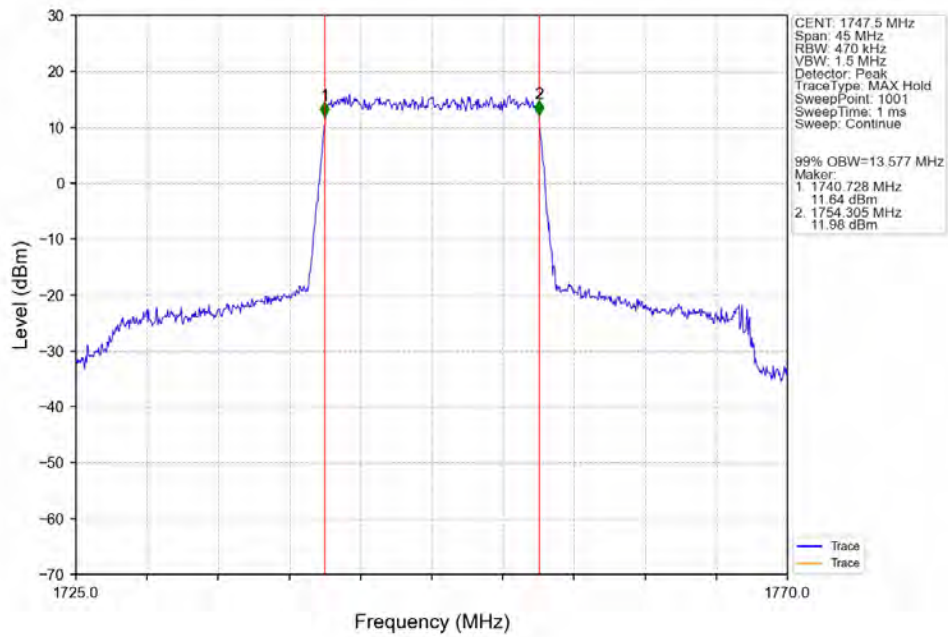
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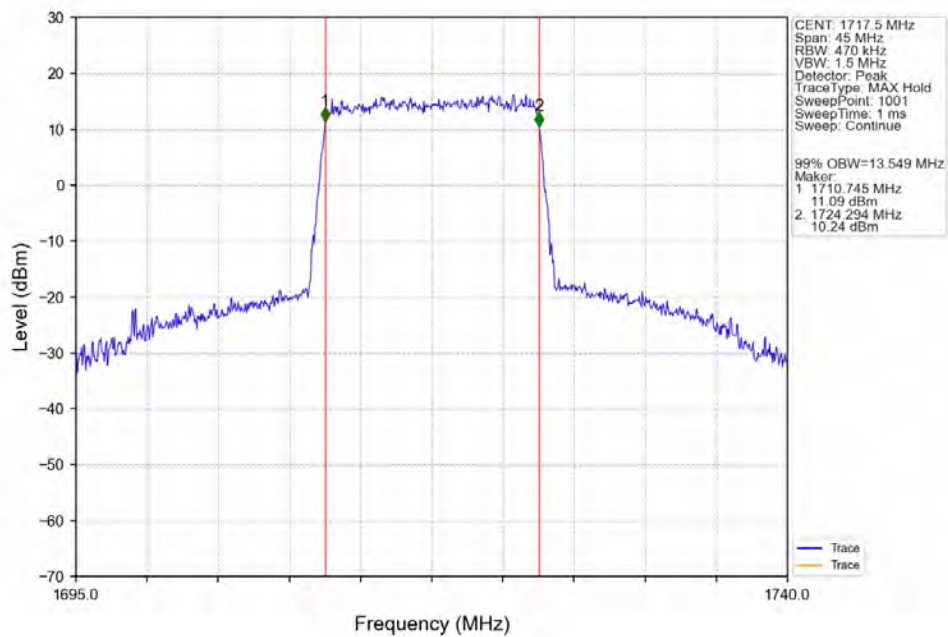
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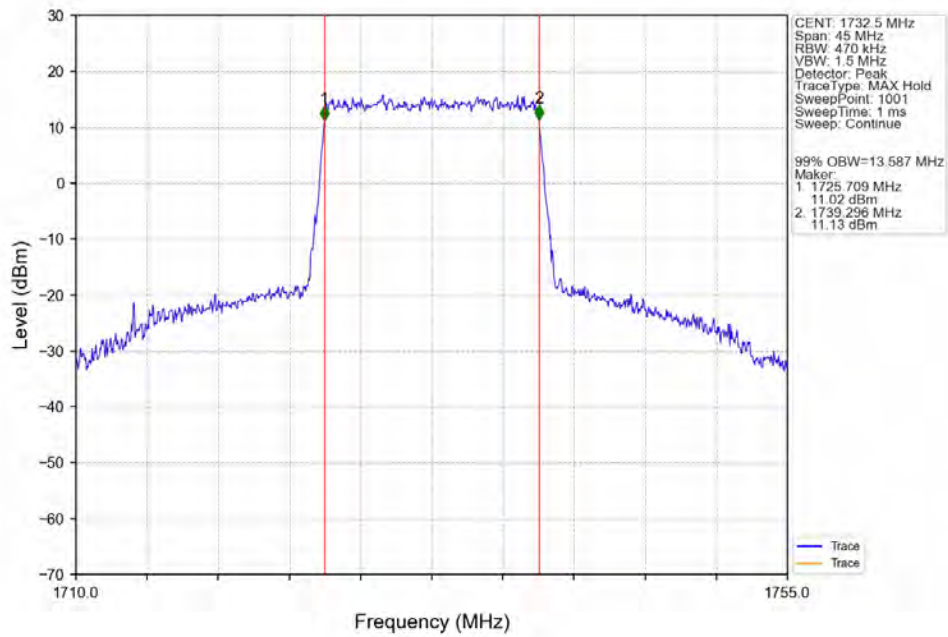
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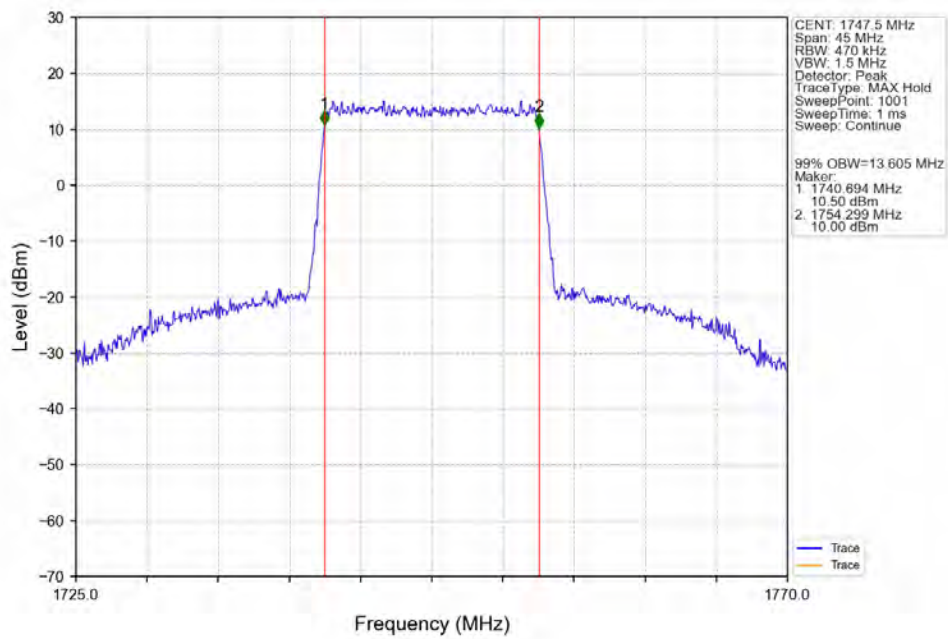
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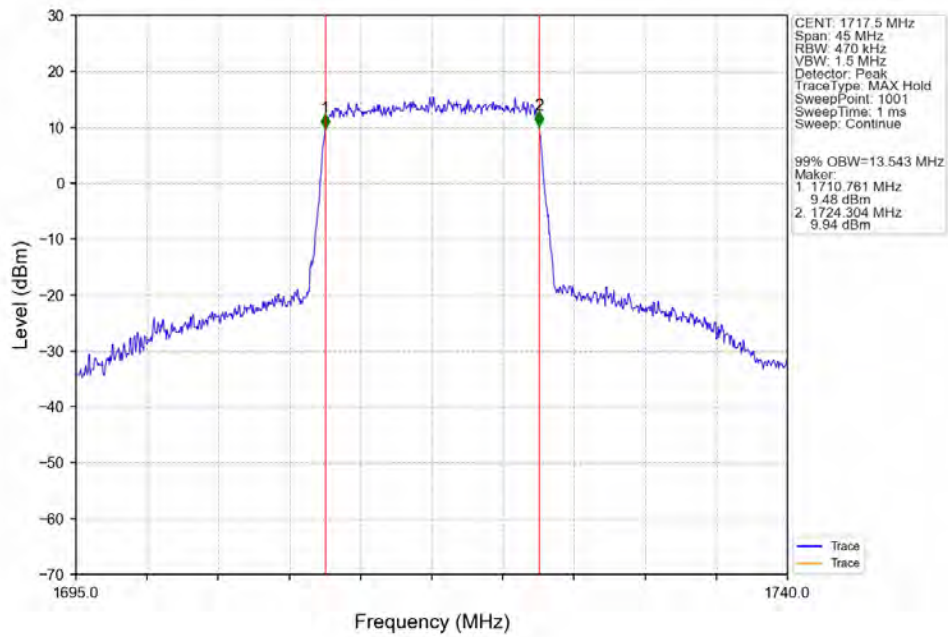
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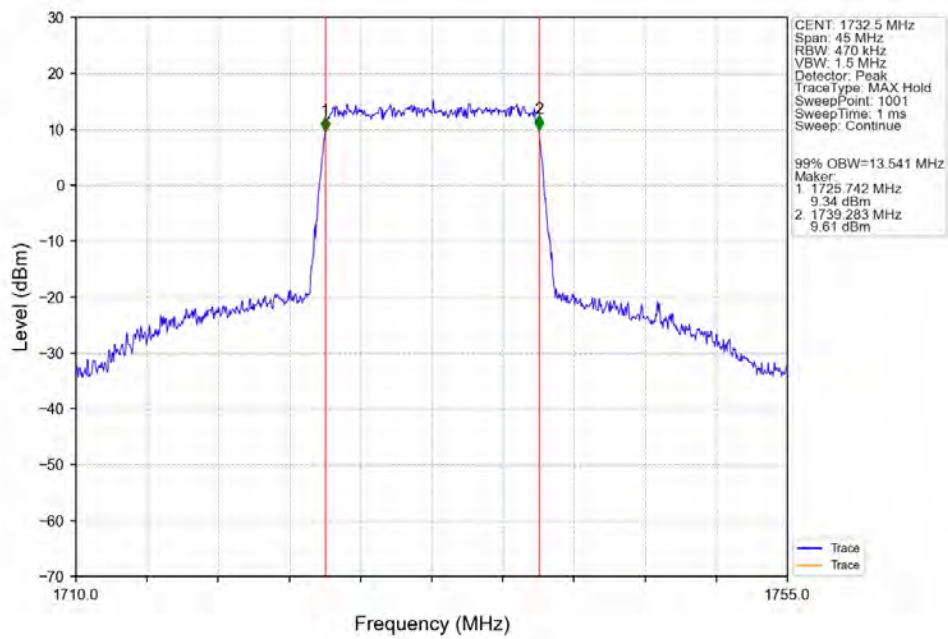
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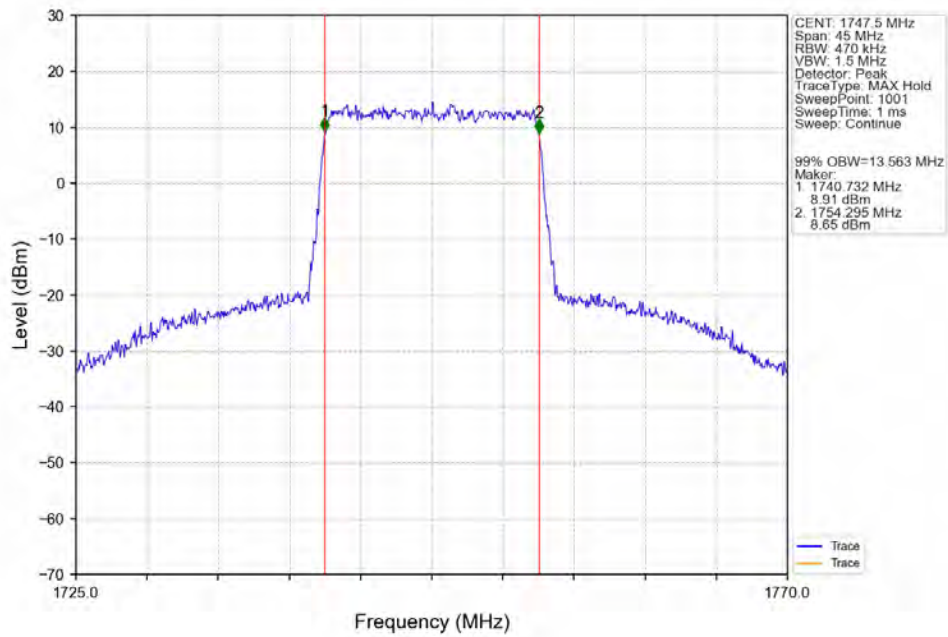
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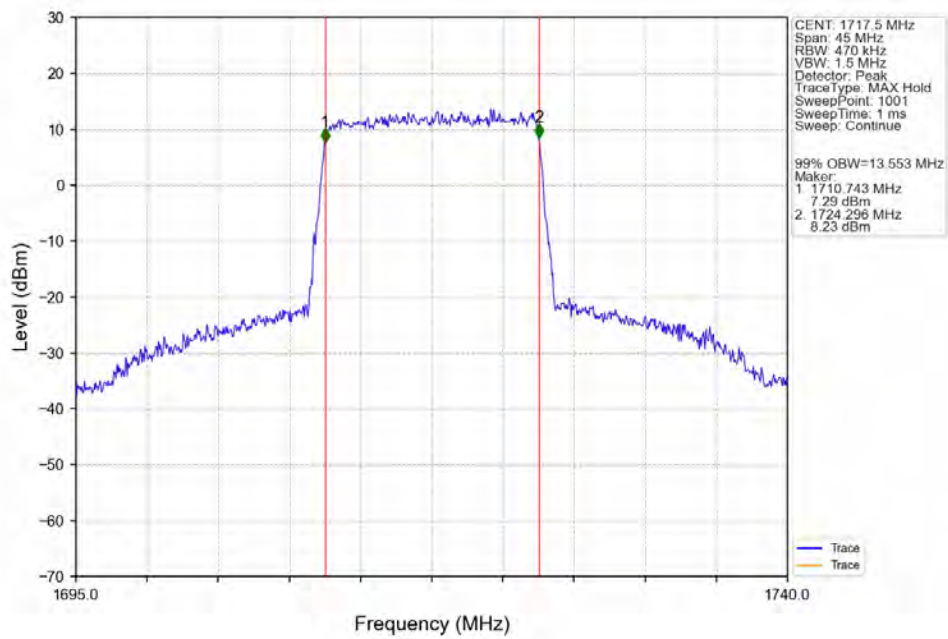
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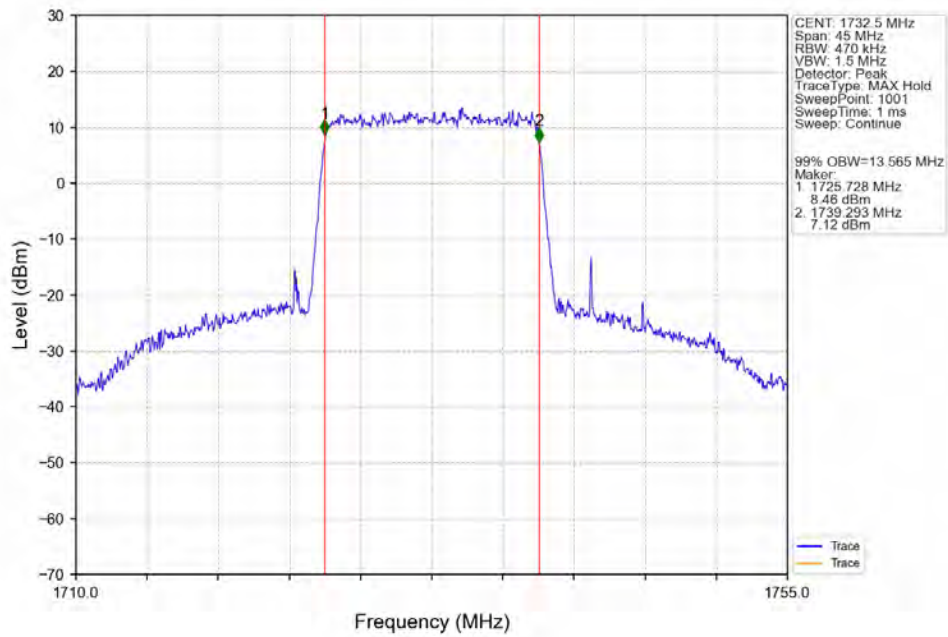
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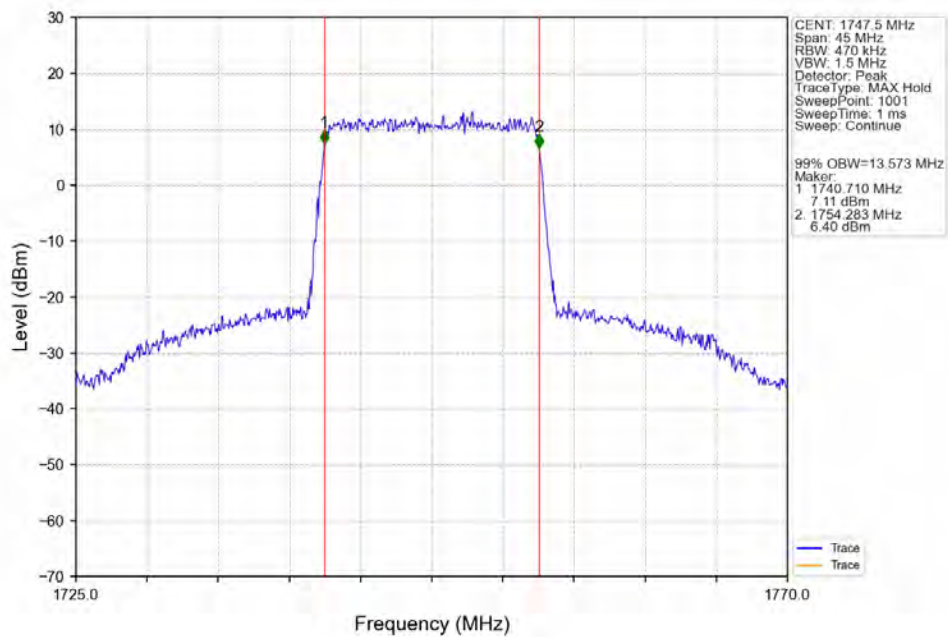
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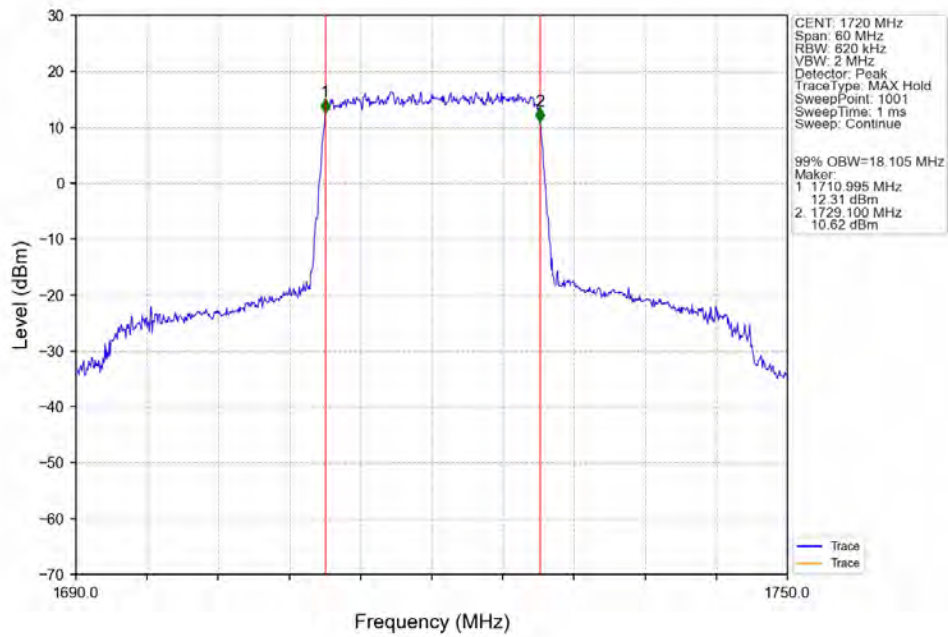
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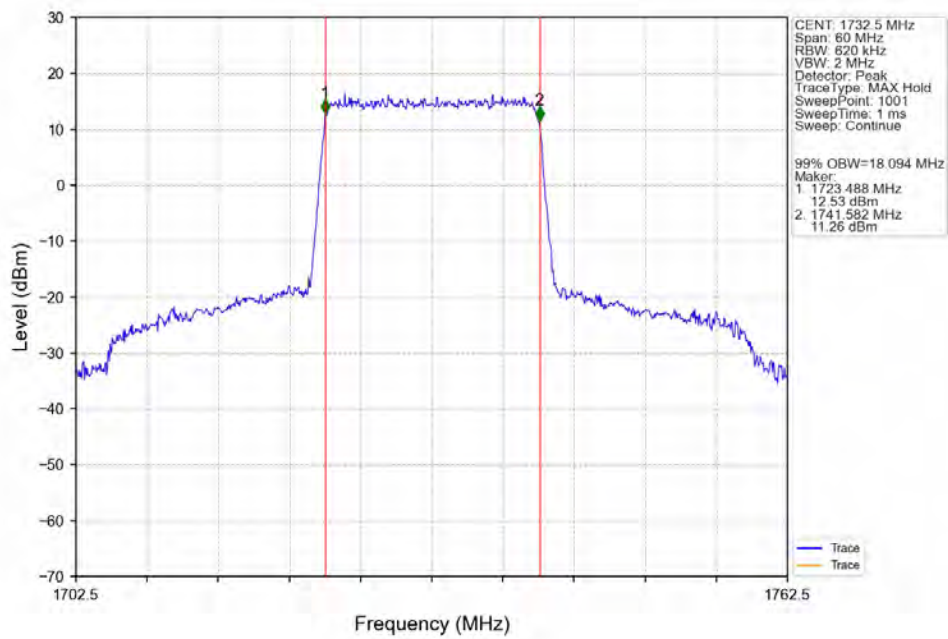
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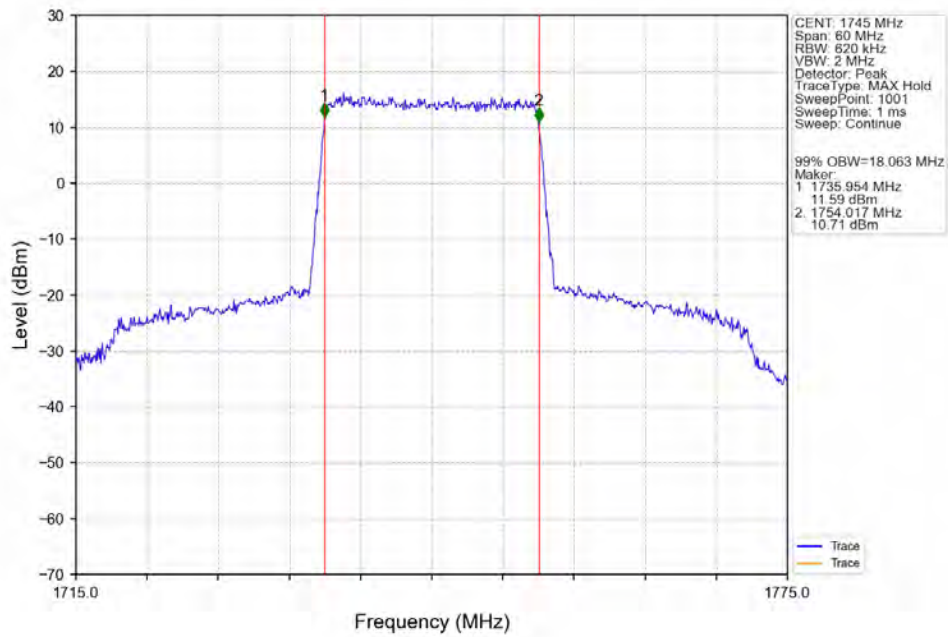
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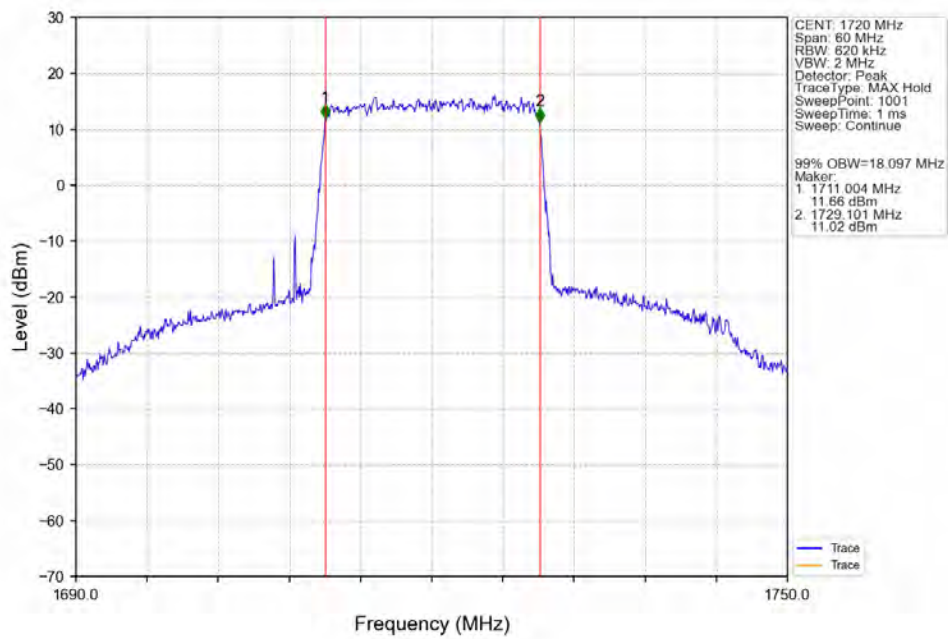
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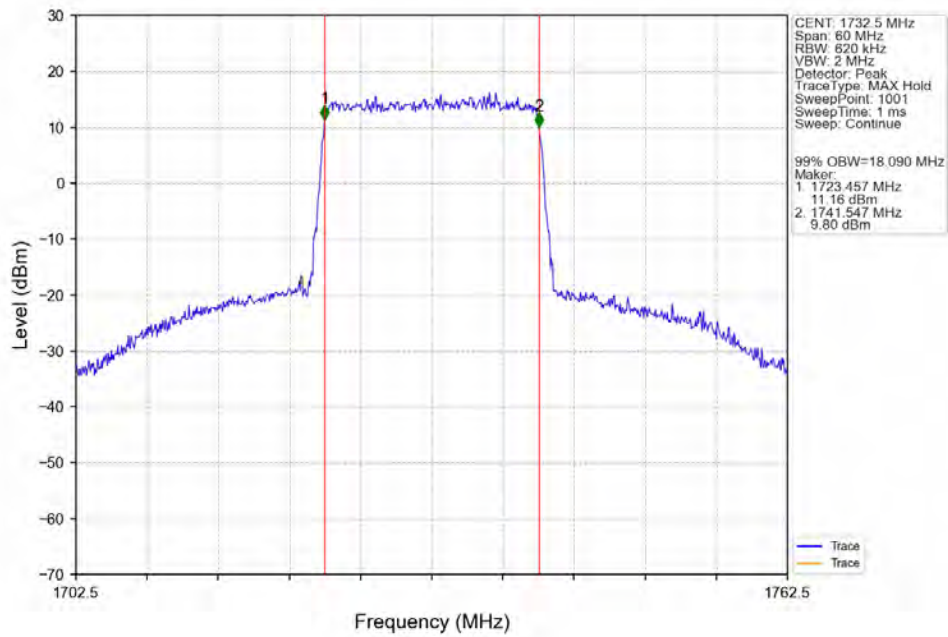
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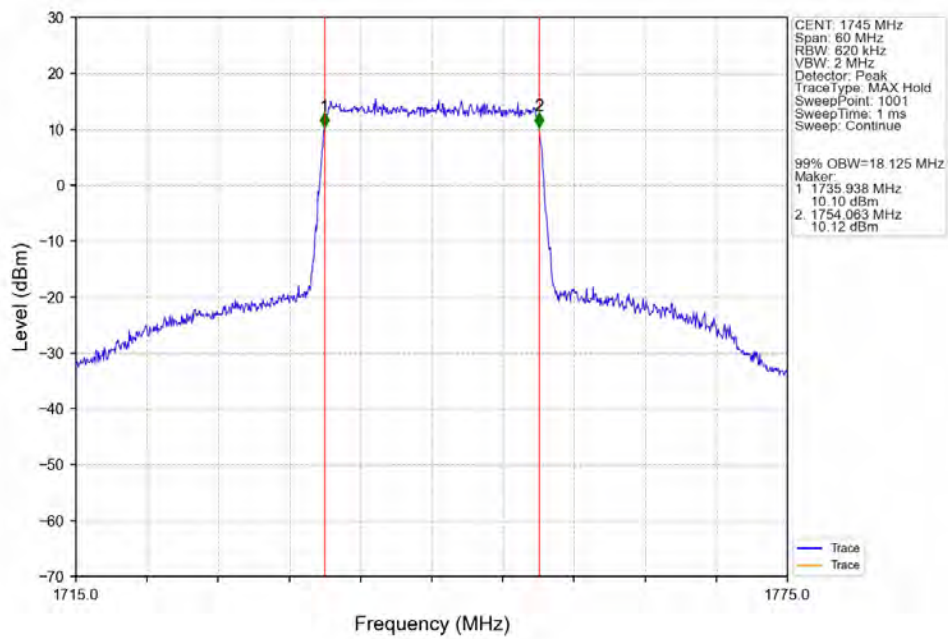
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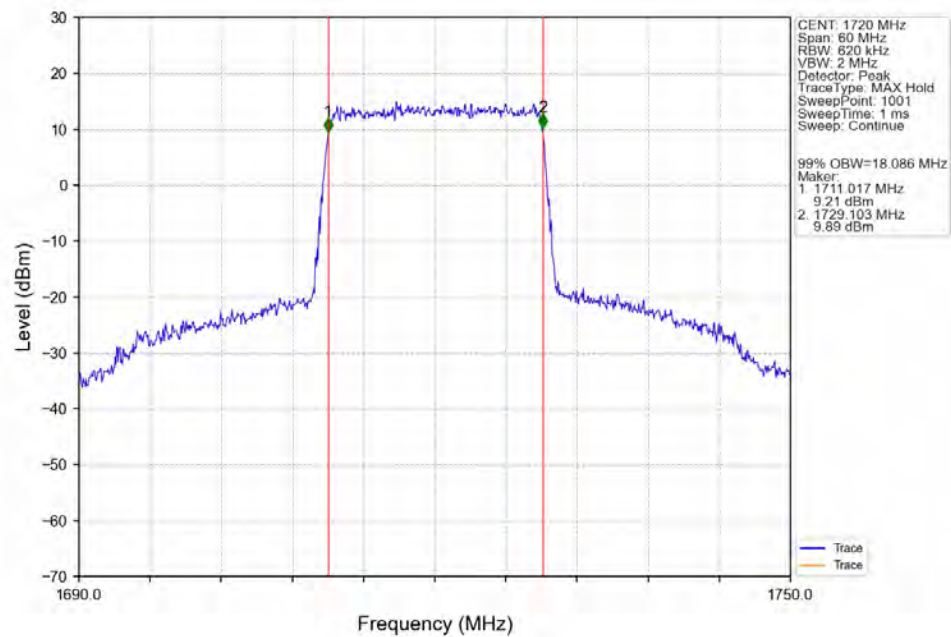
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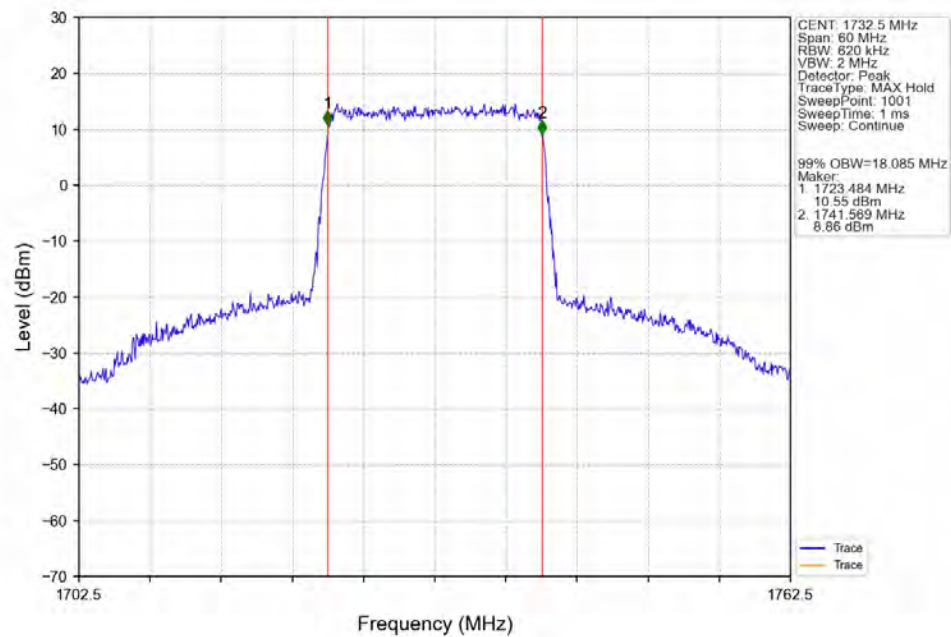
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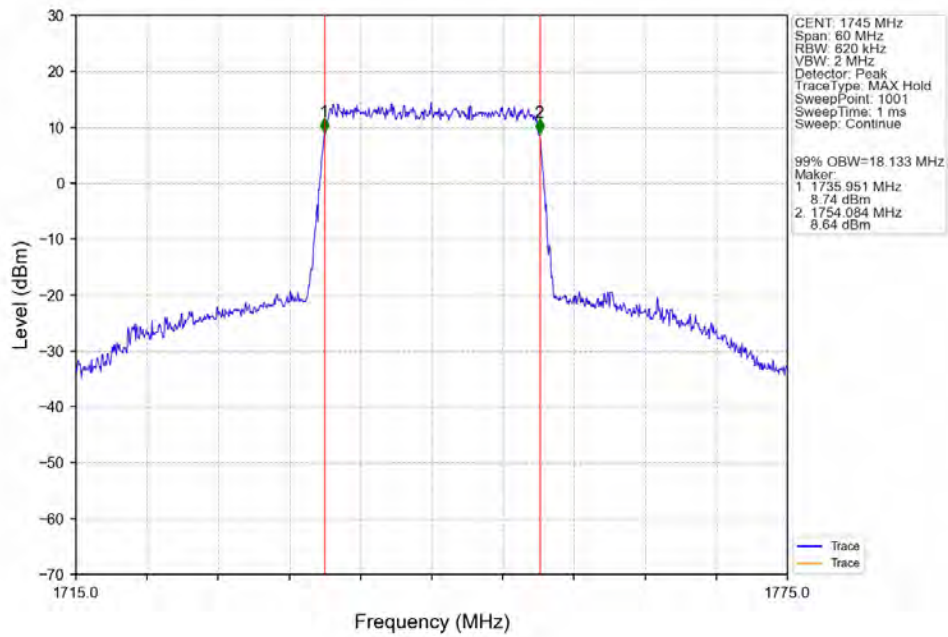
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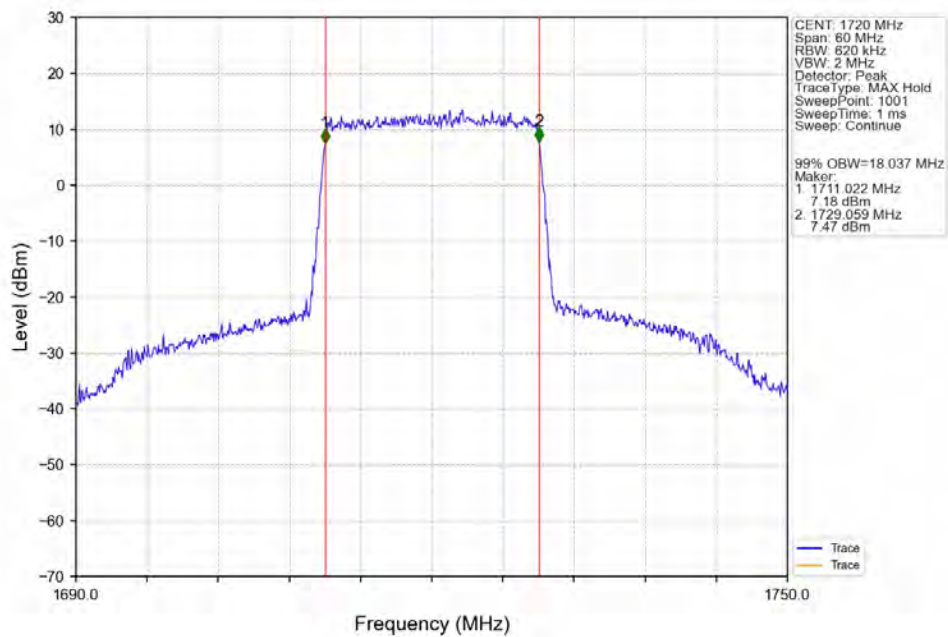
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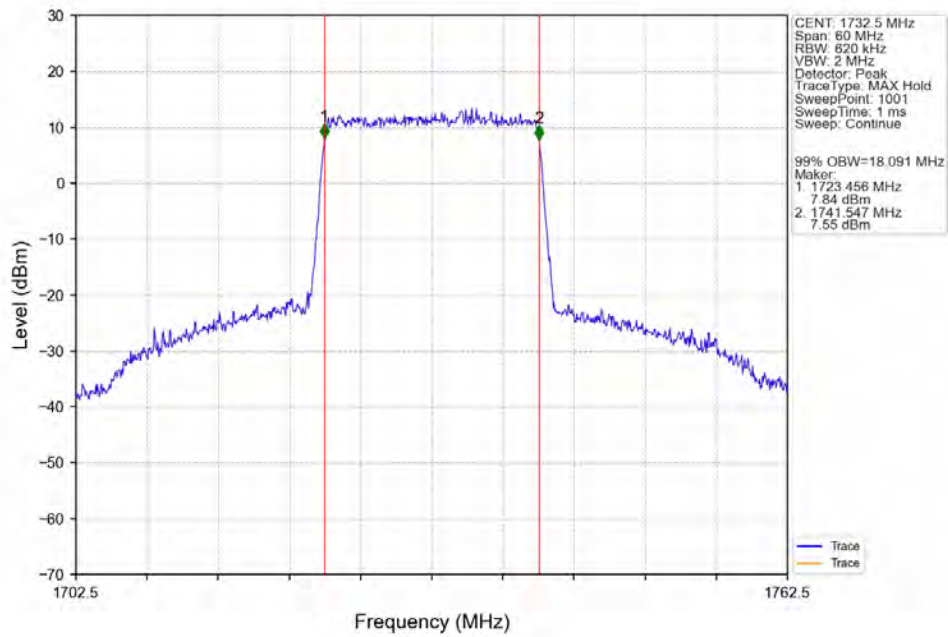
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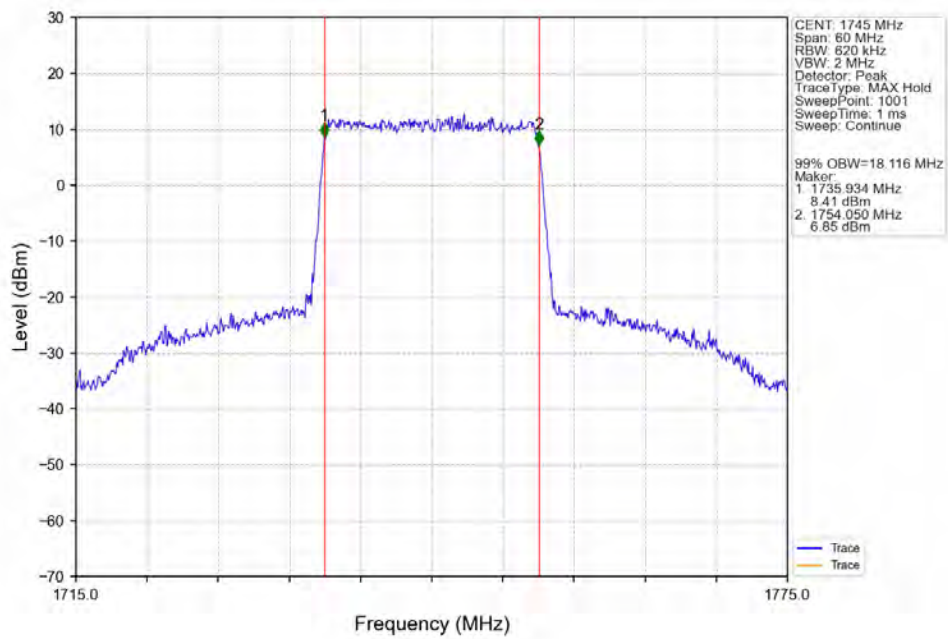
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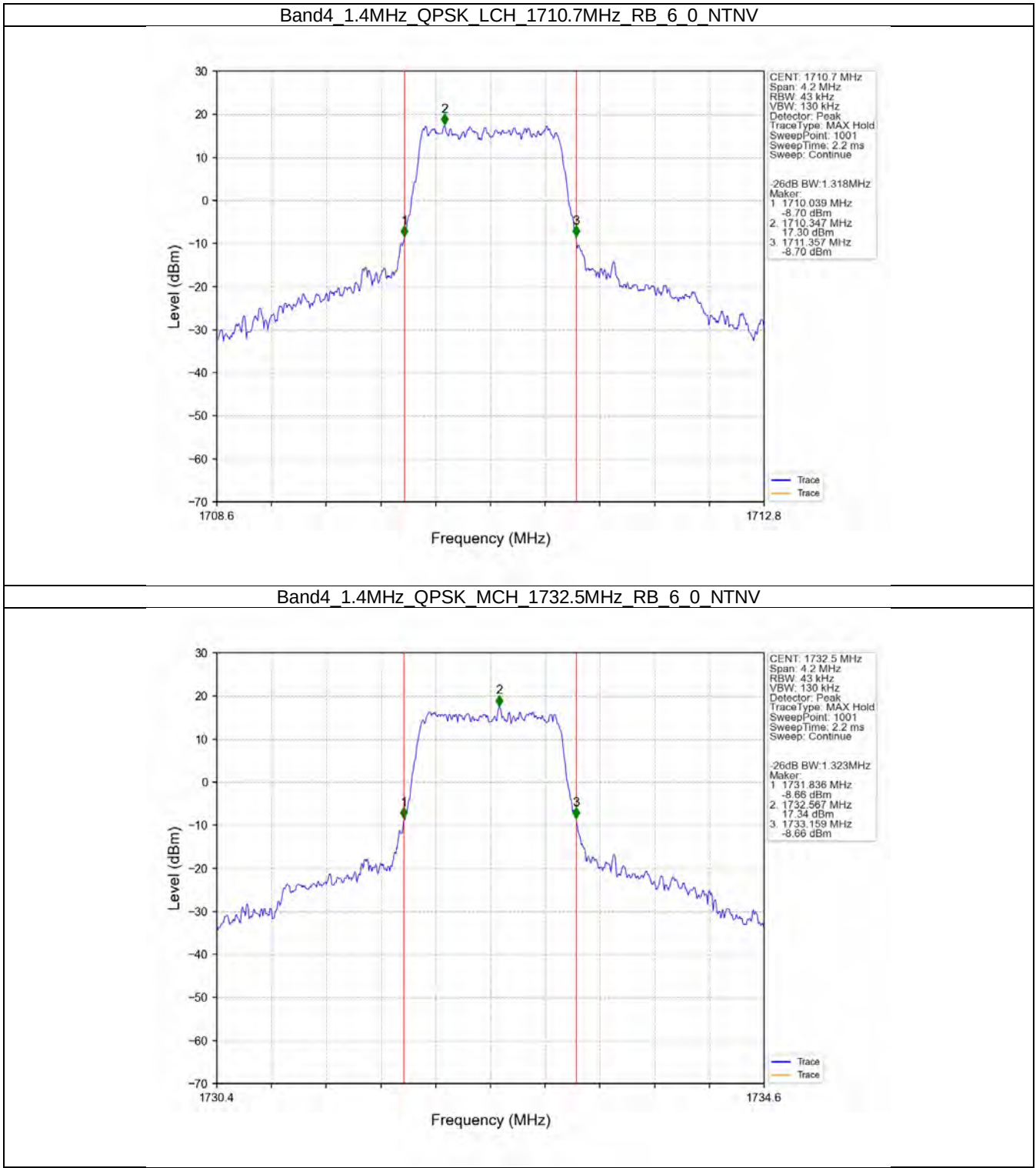
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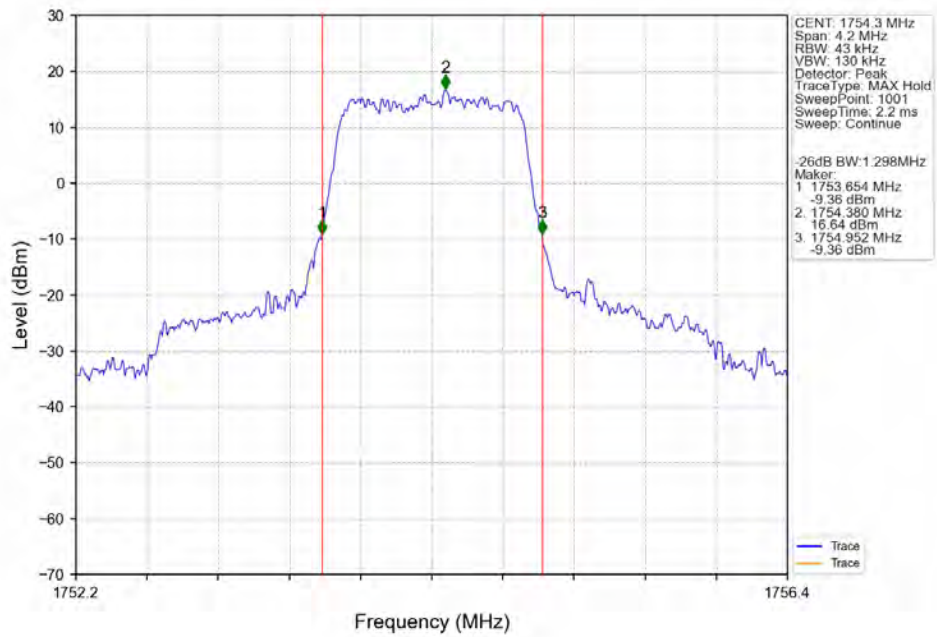
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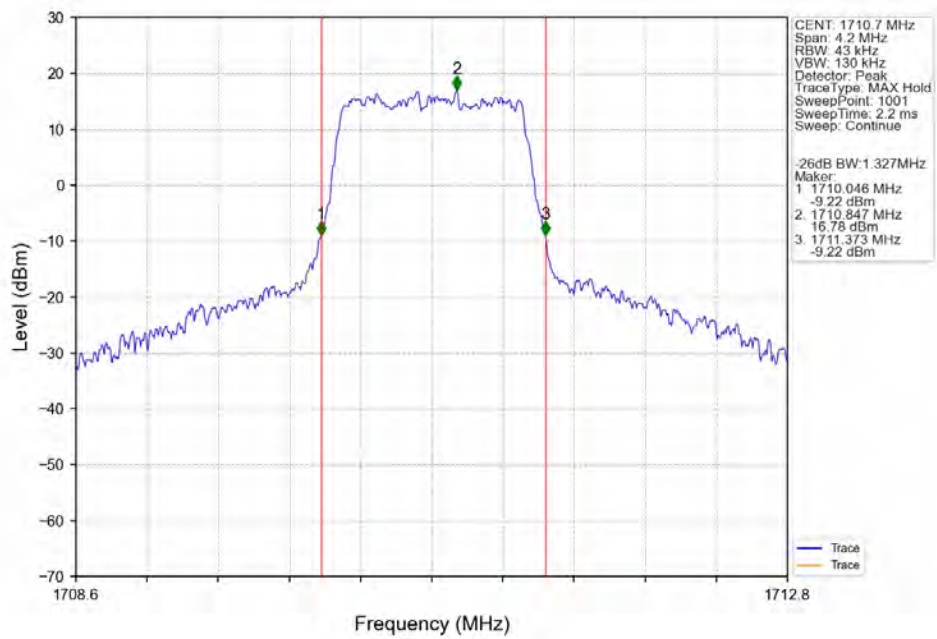
3.2.2 Band4_XDB



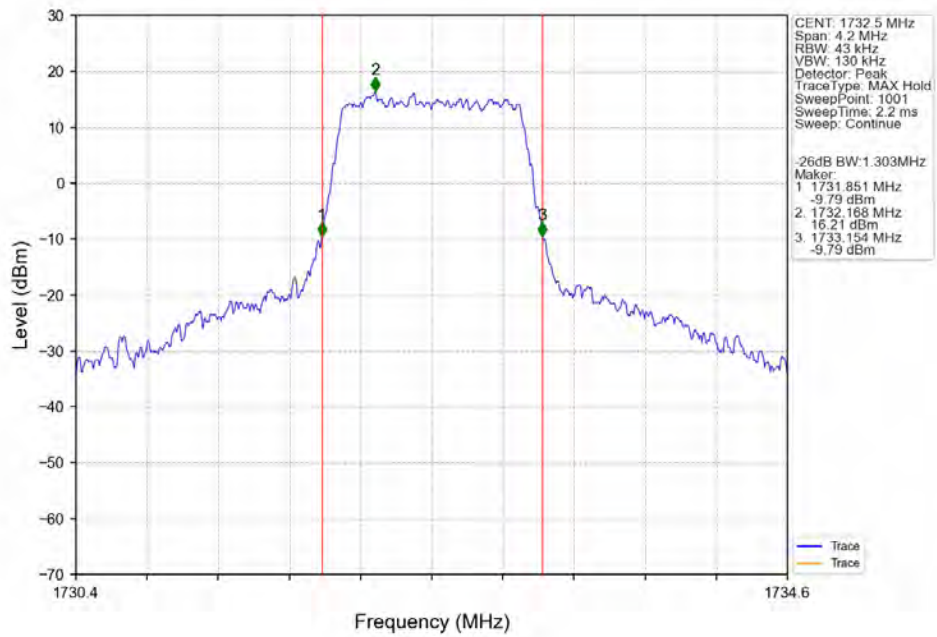
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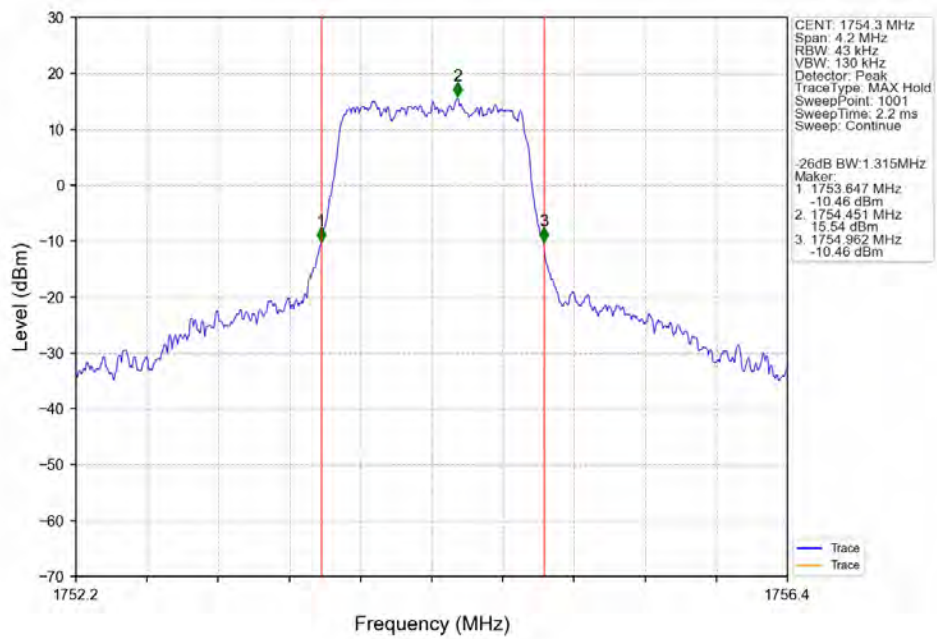
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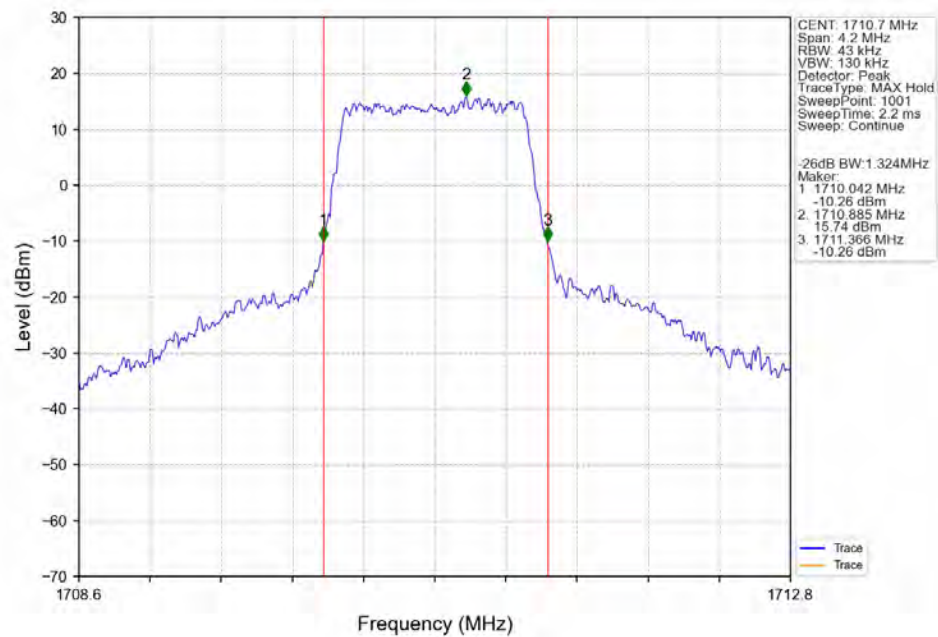
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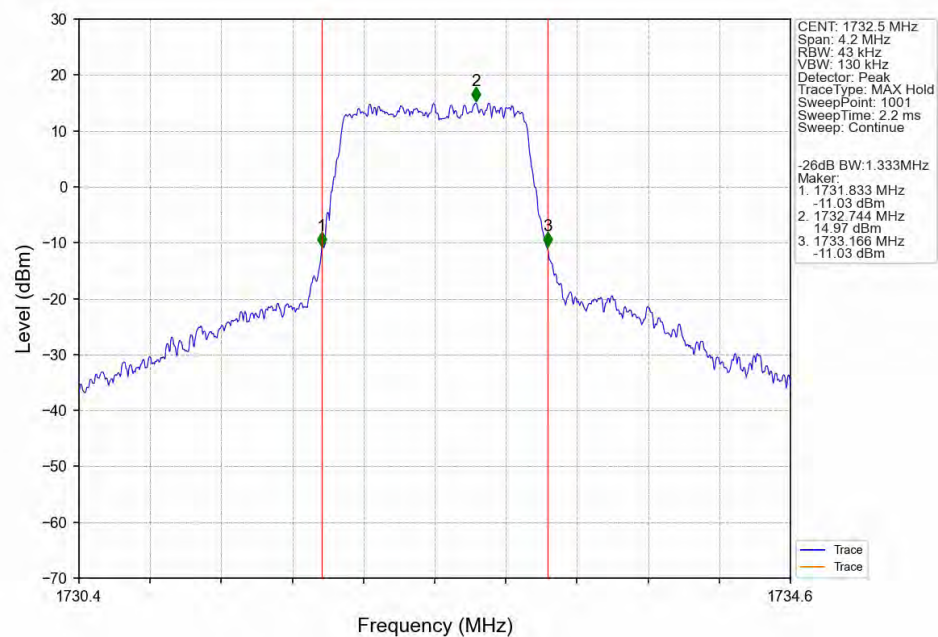
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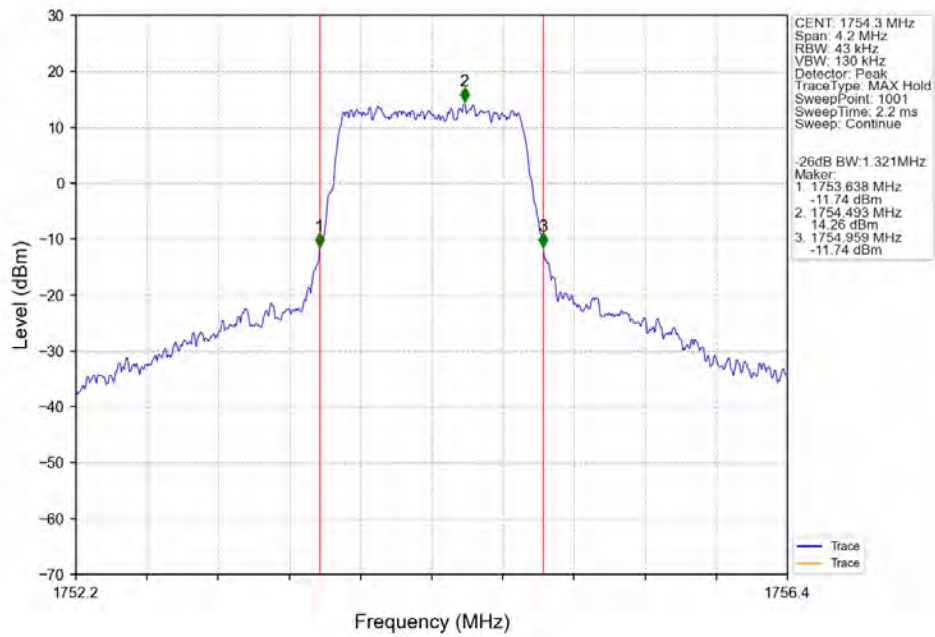
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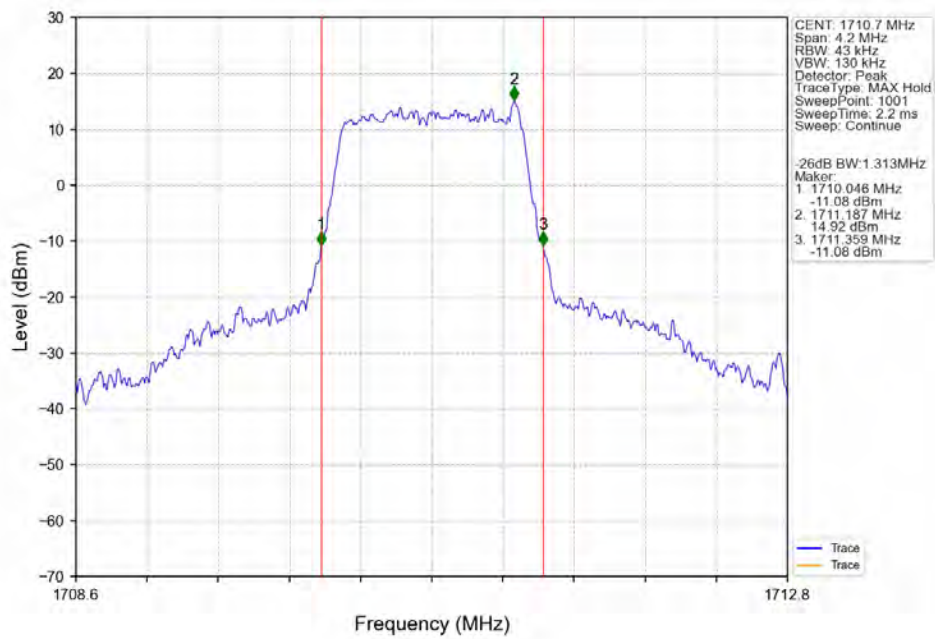
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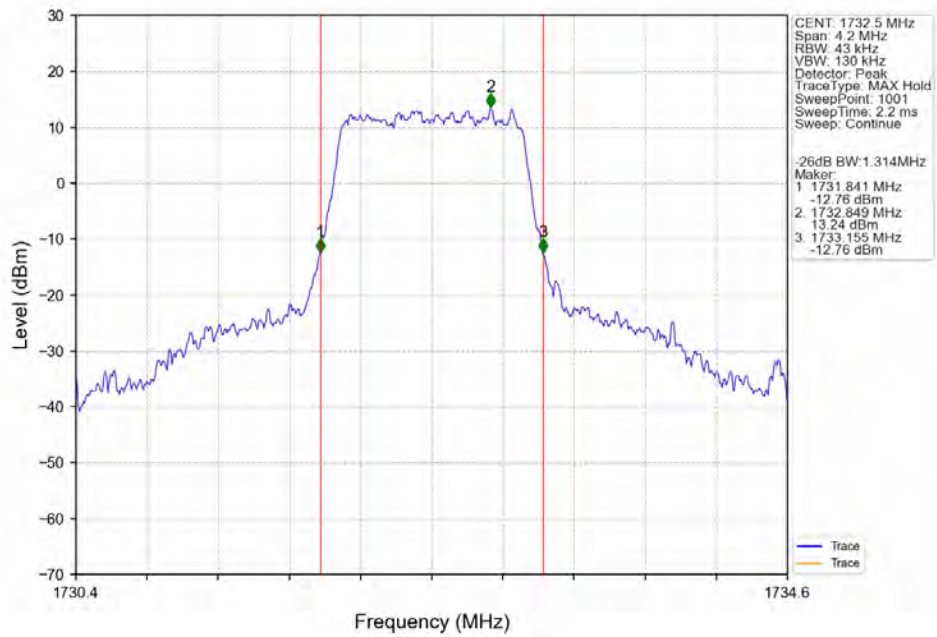
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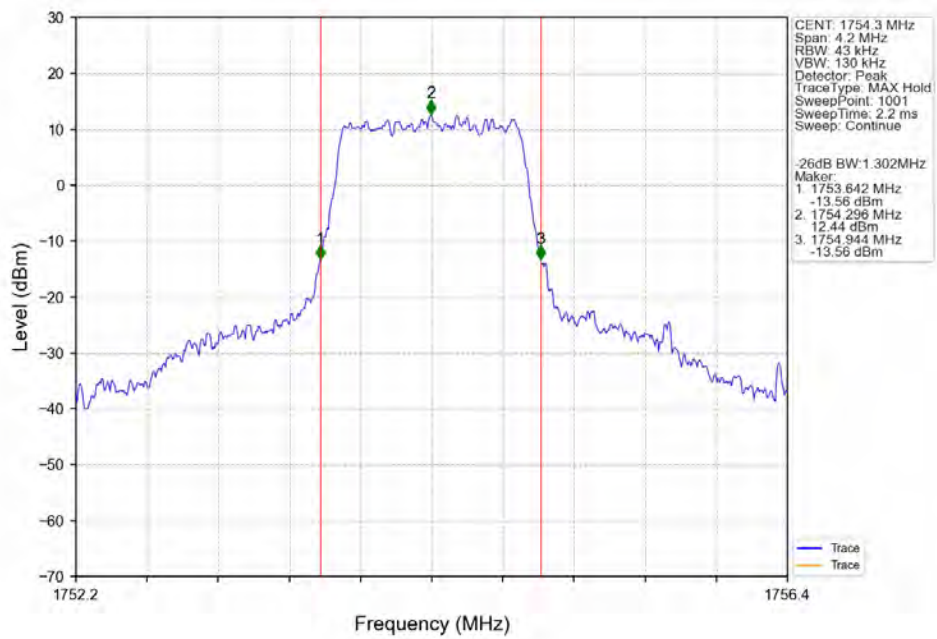
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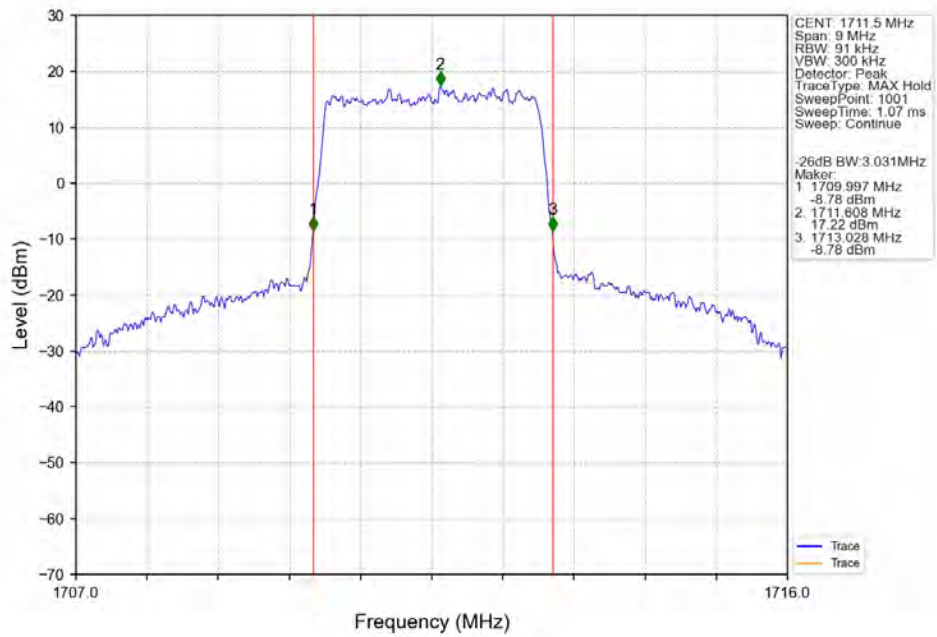
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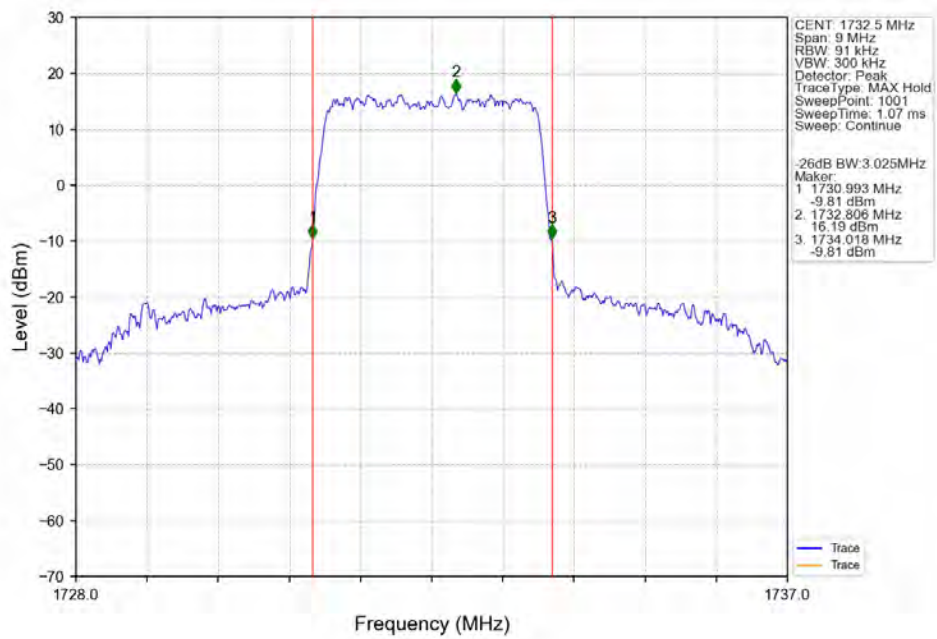
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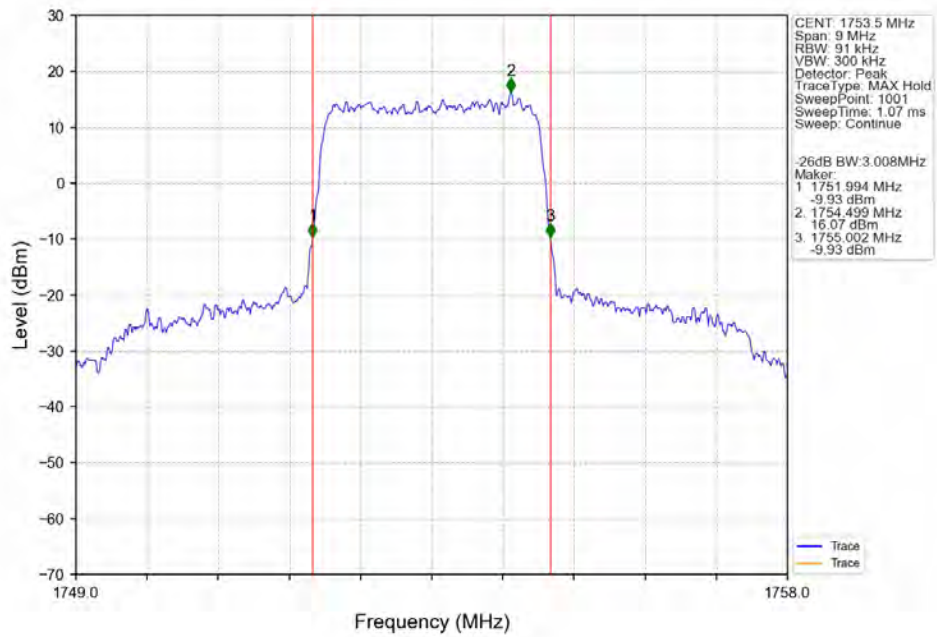
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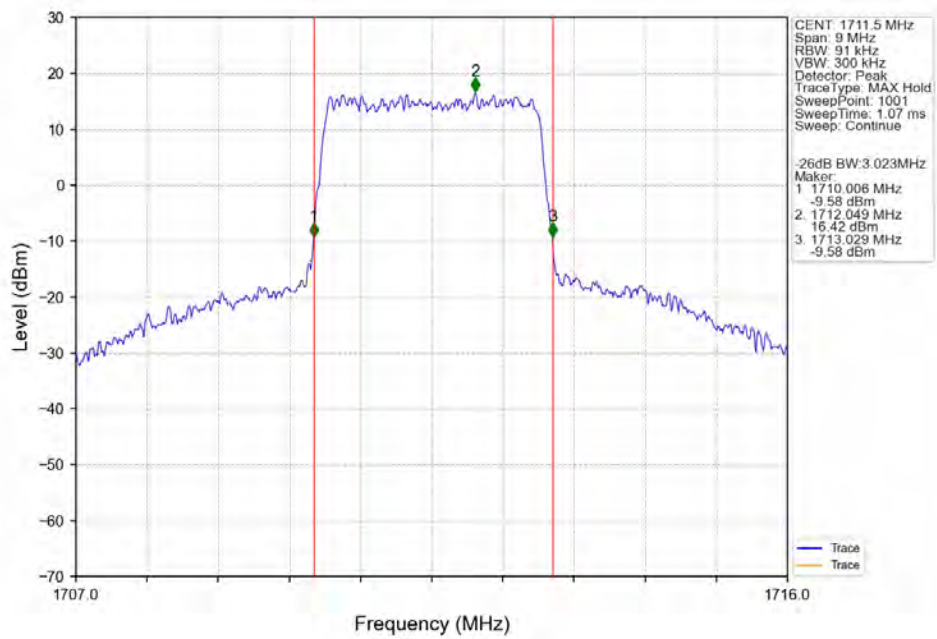
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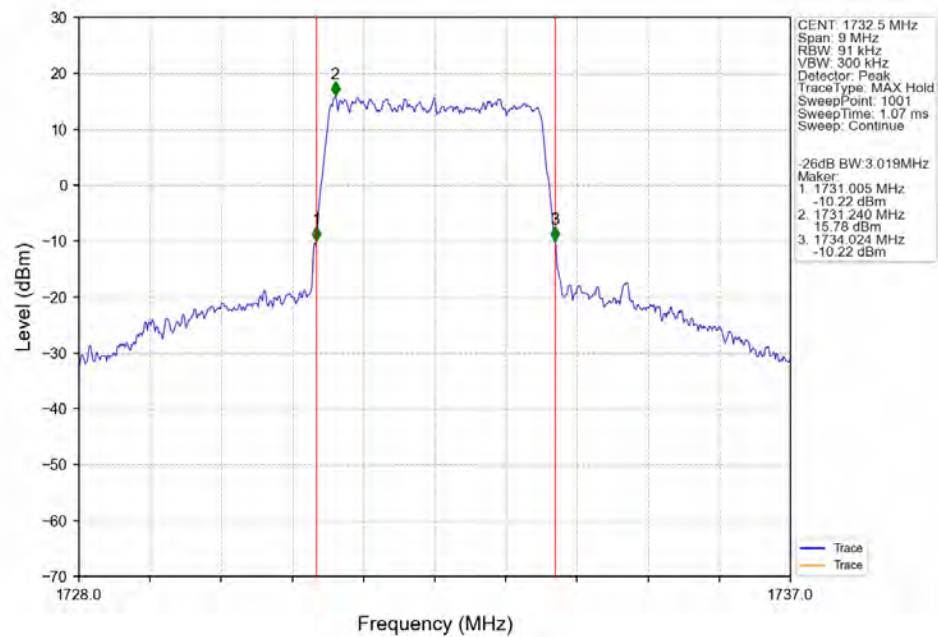
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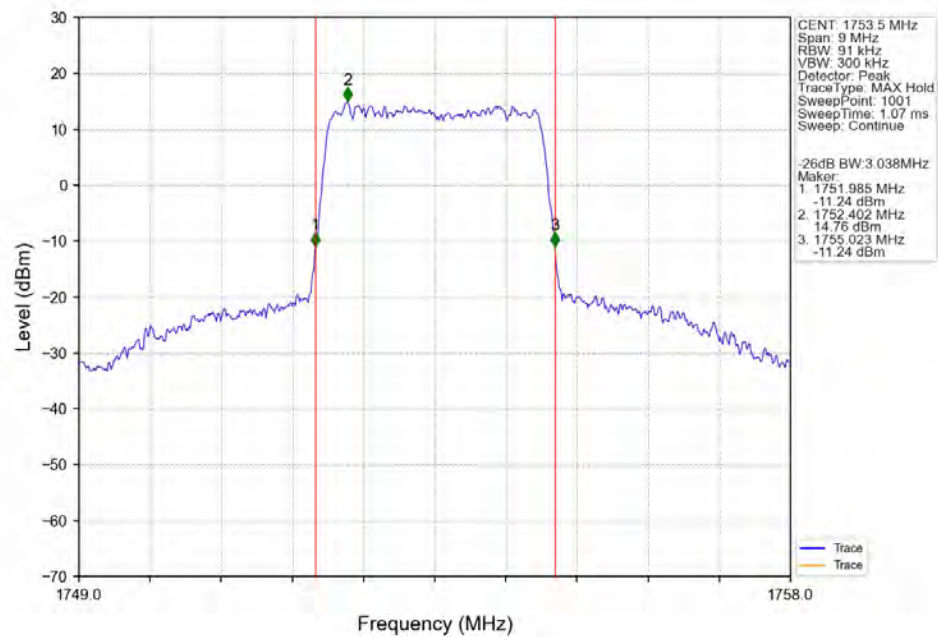
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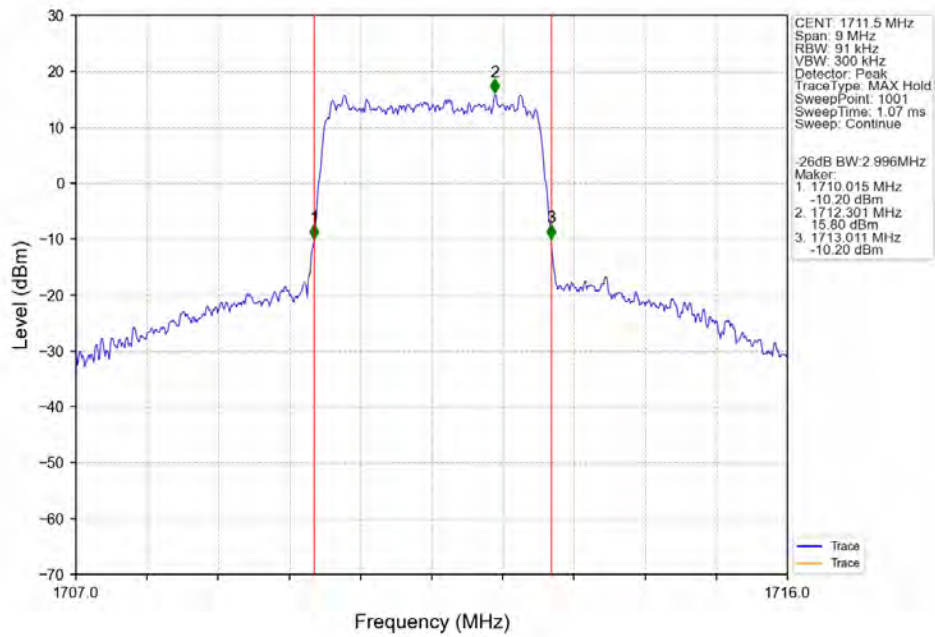
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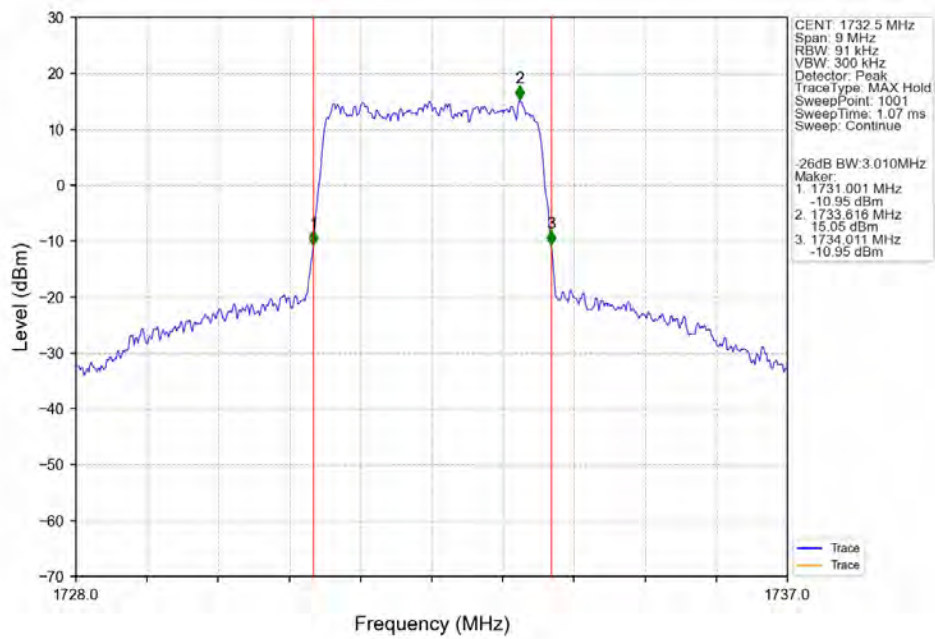
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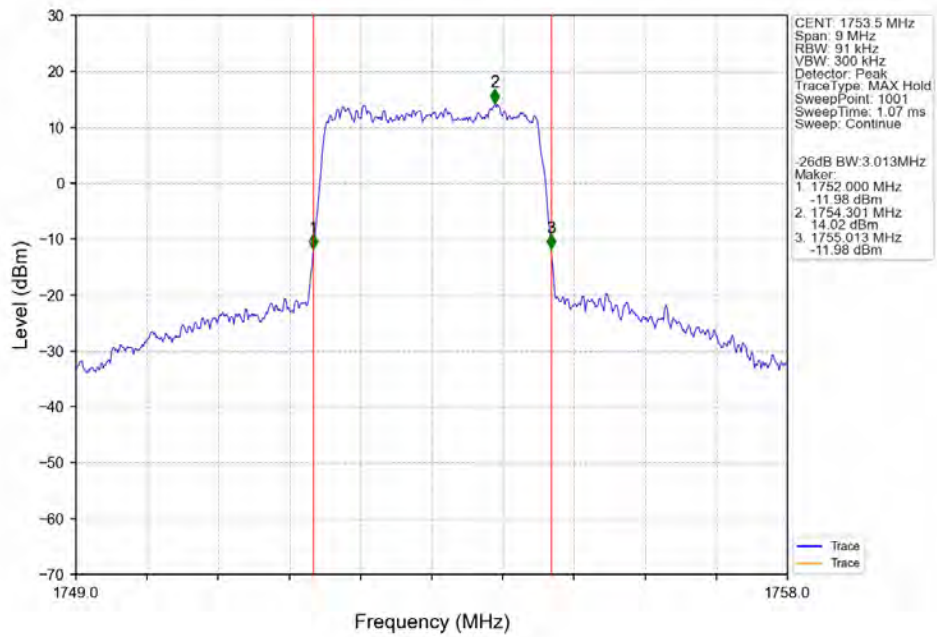
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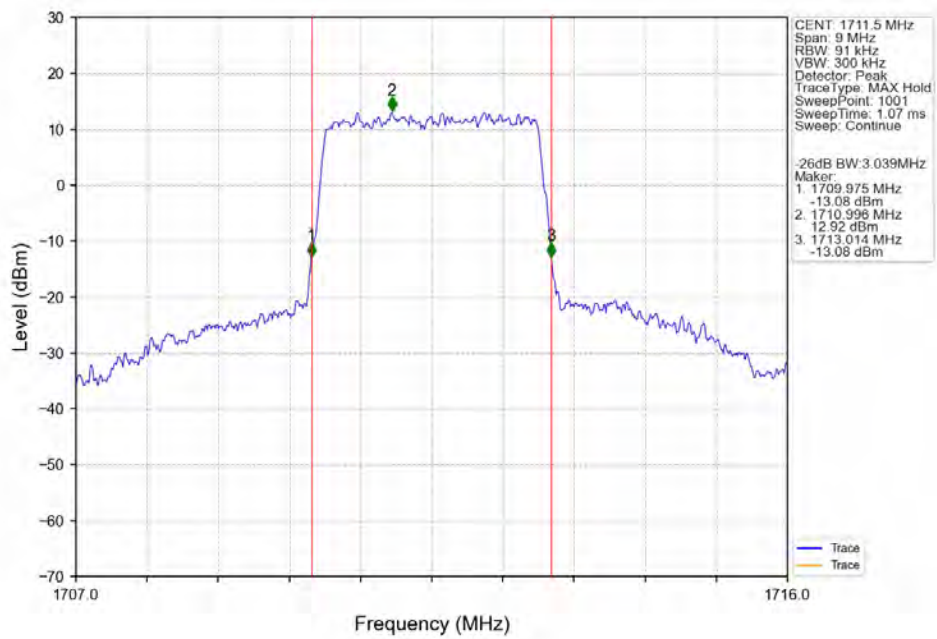
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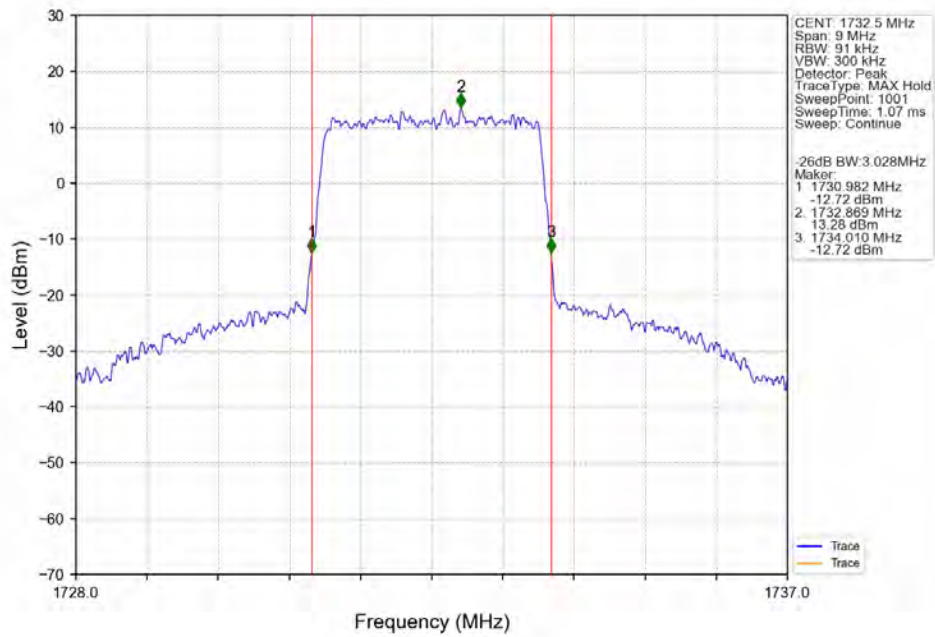
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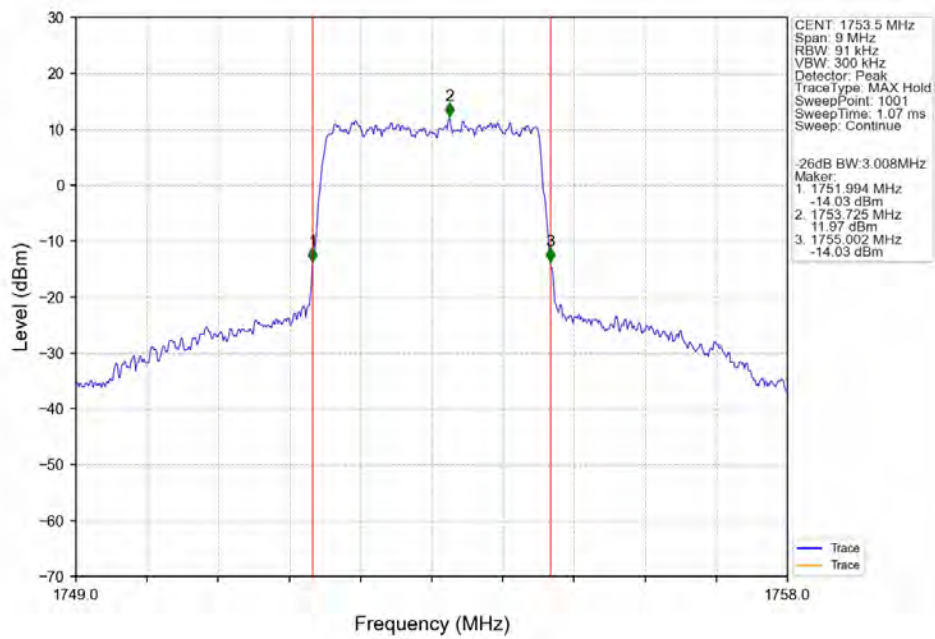
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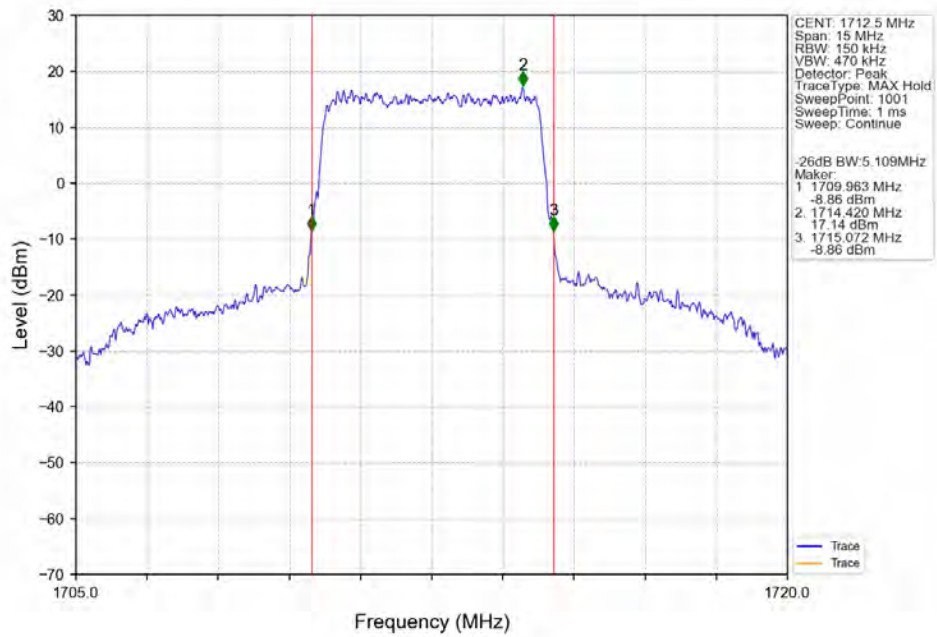
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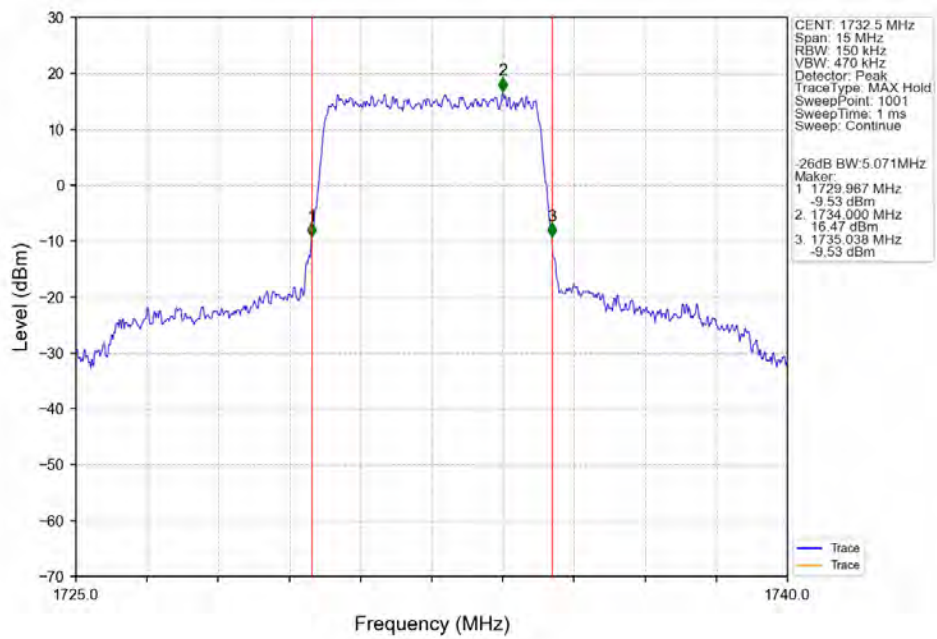
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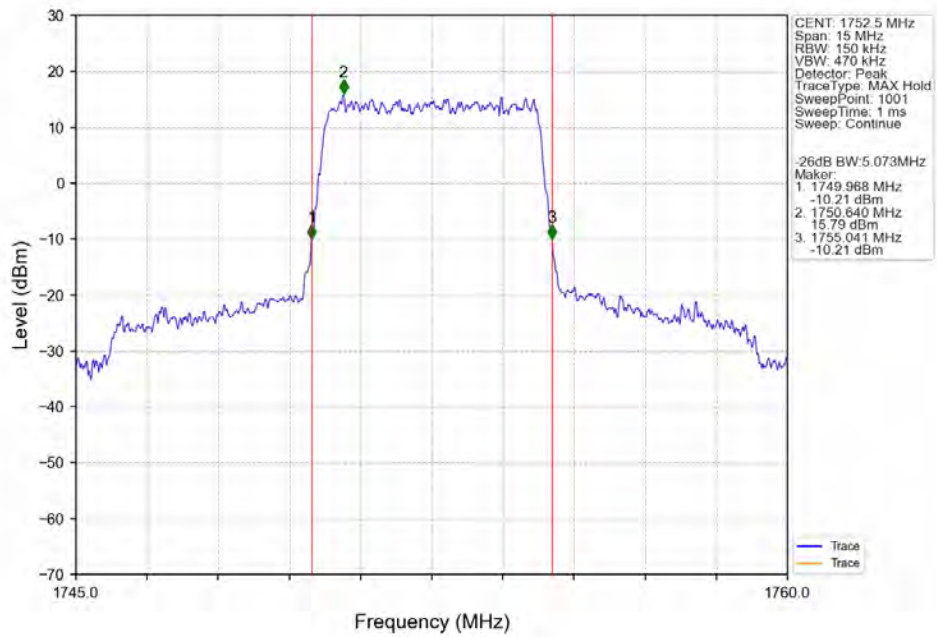
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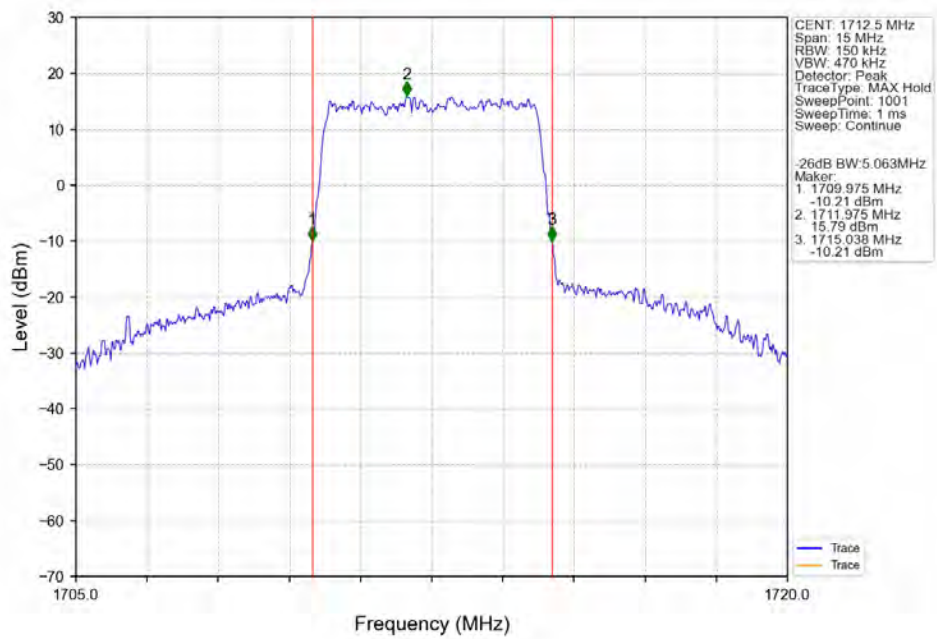
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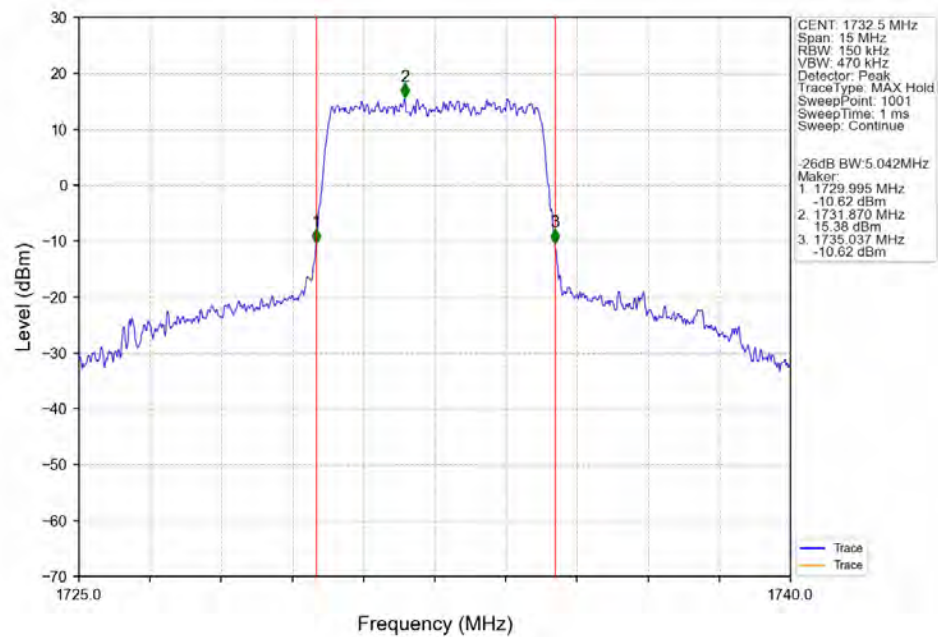
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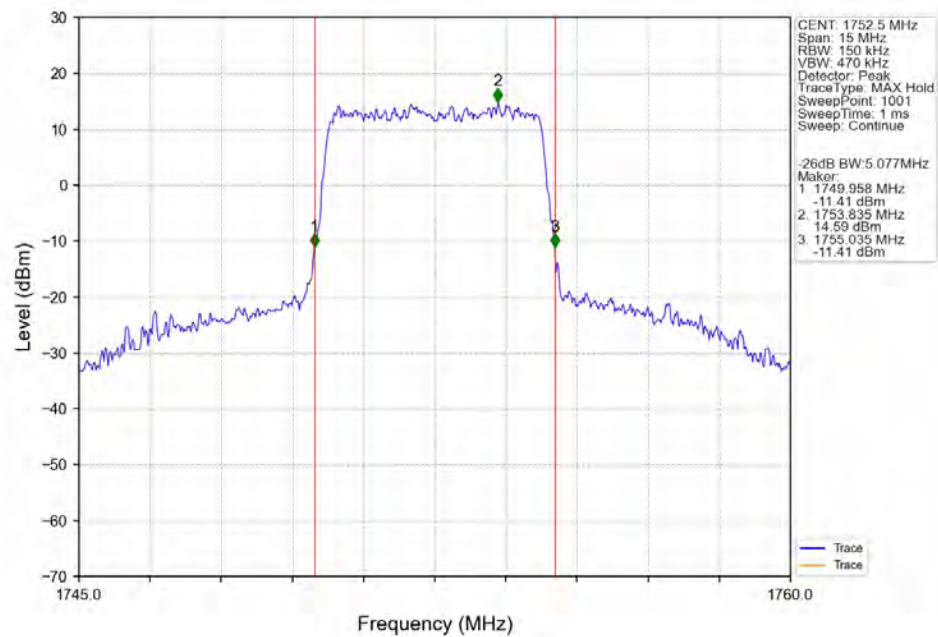
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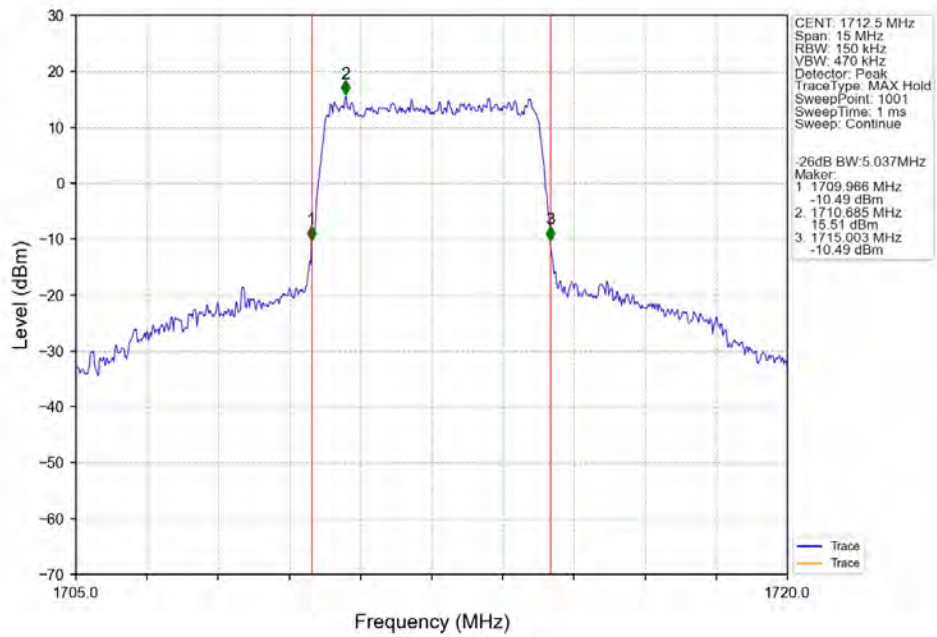
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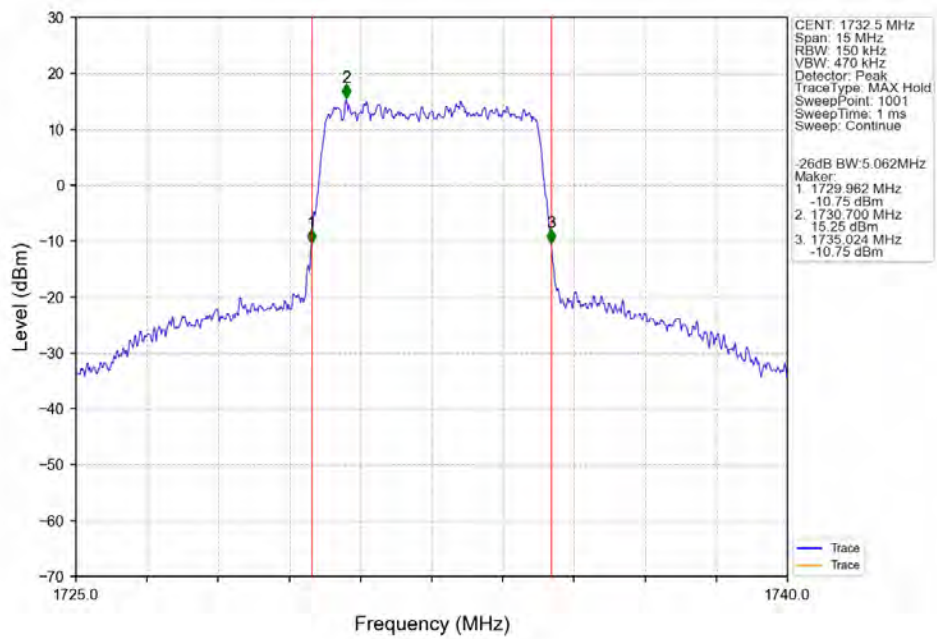
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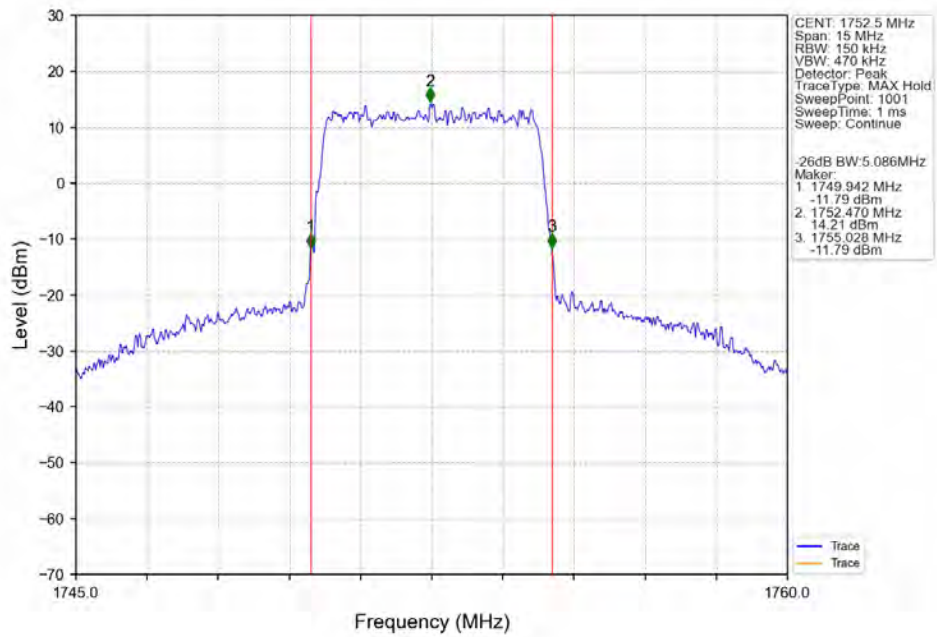
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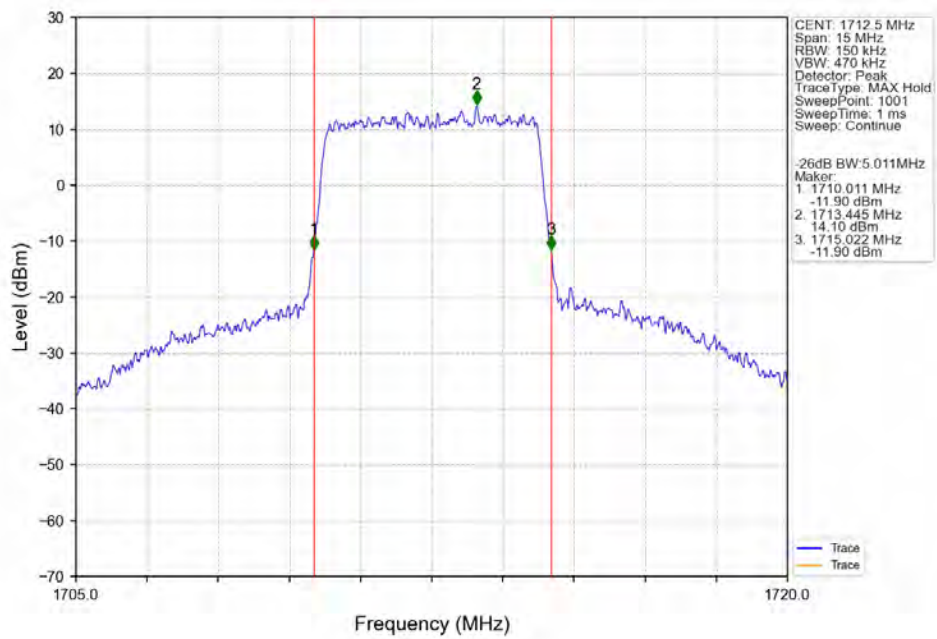
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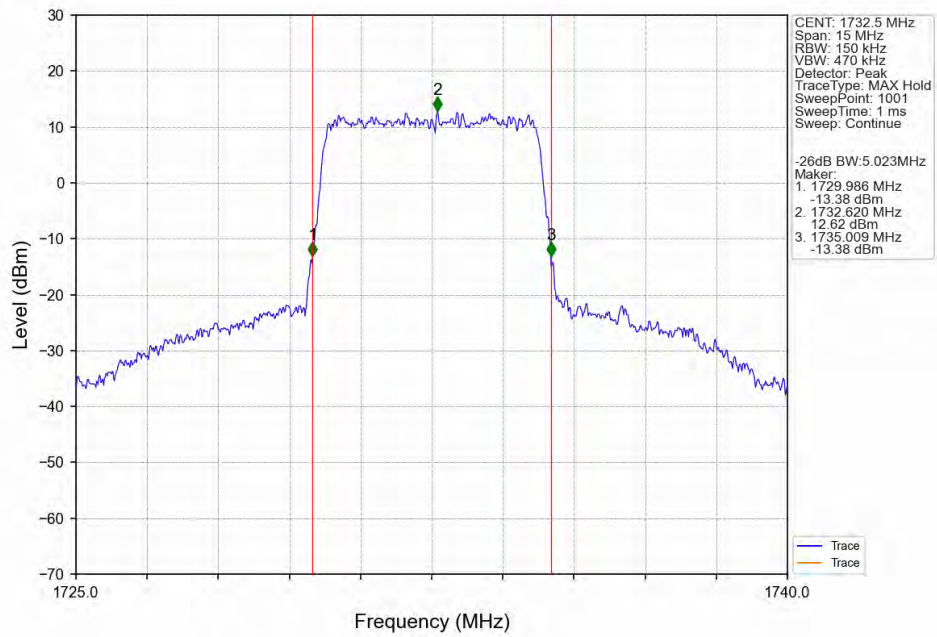
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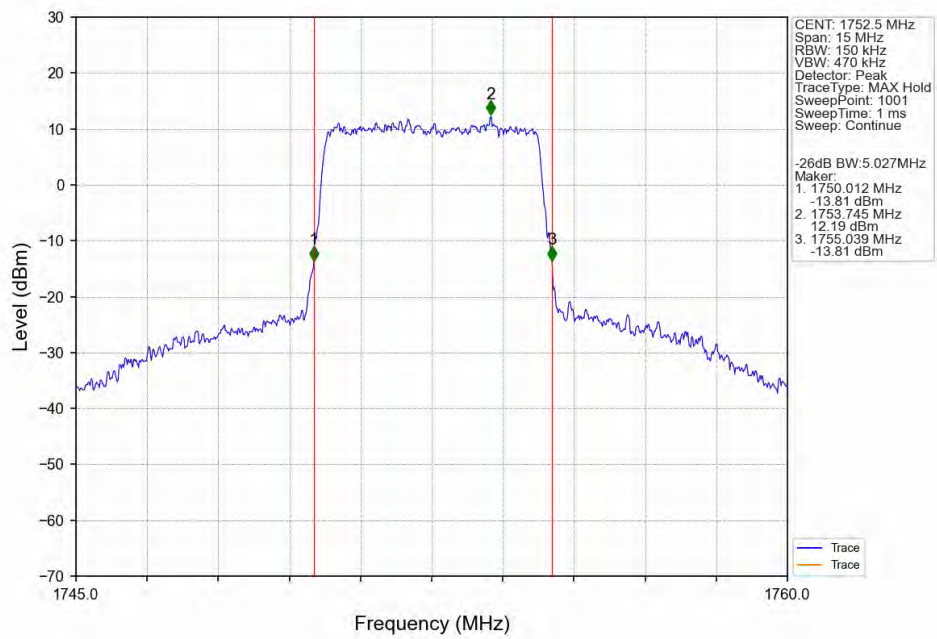
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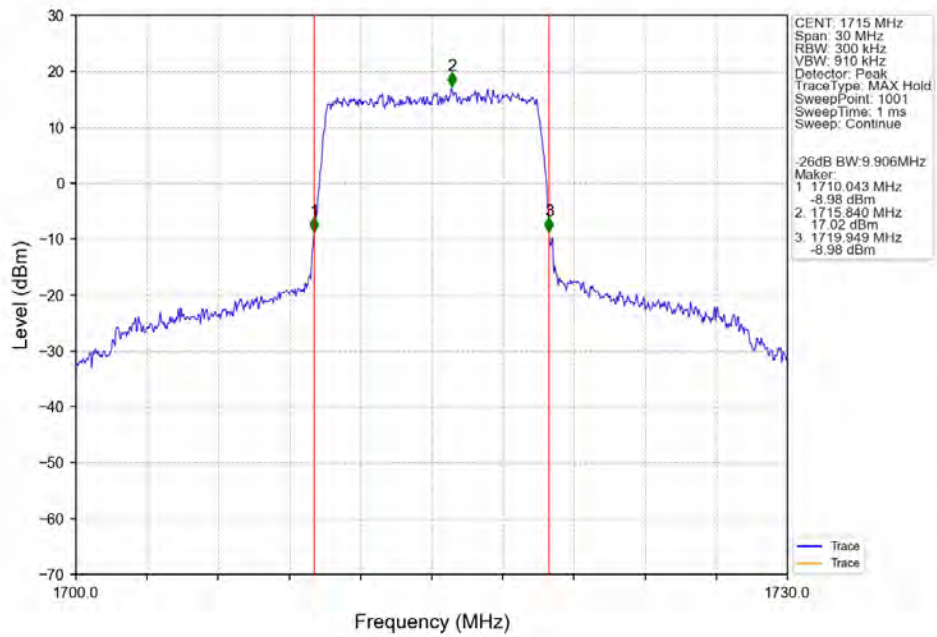
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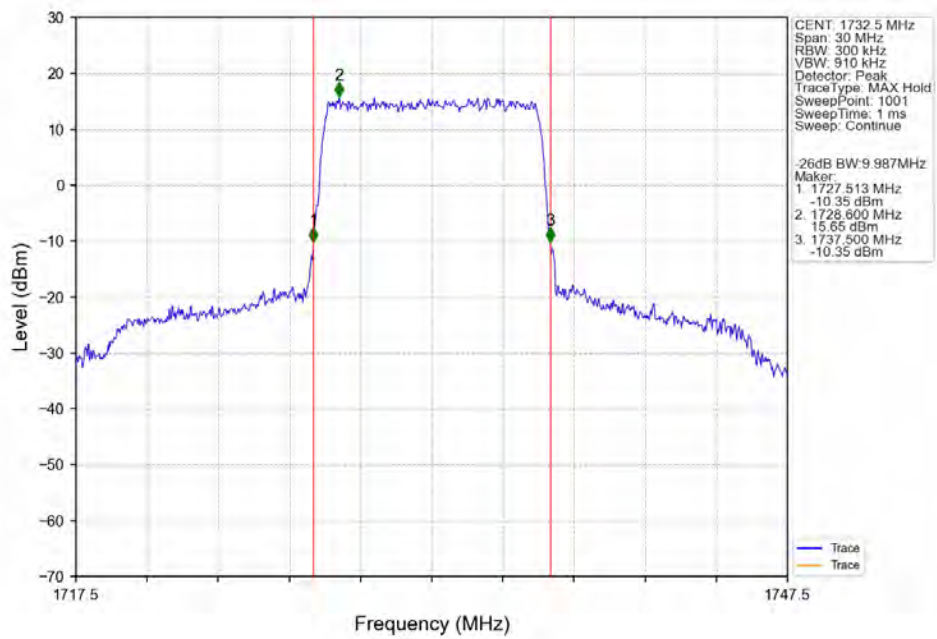
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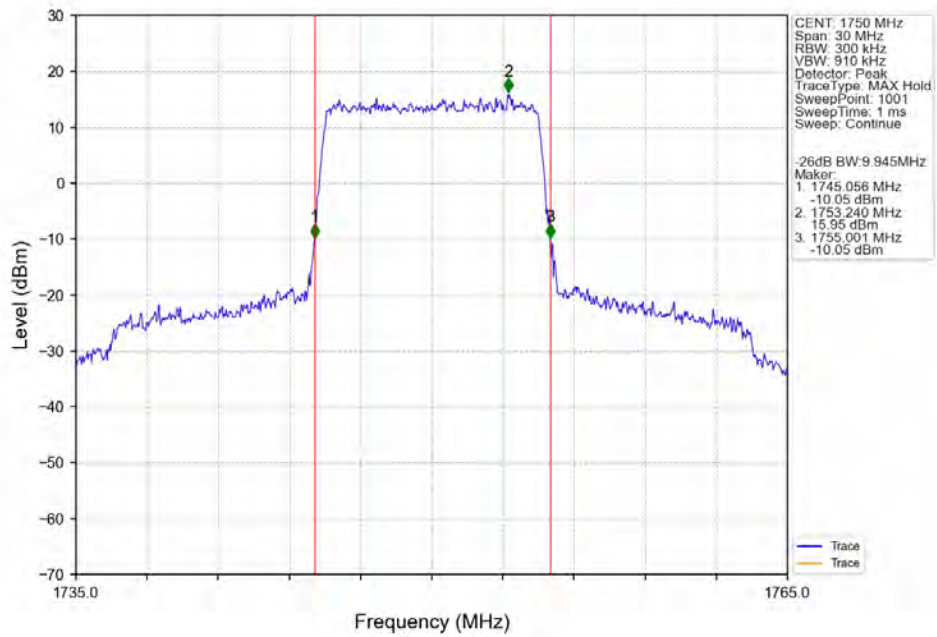
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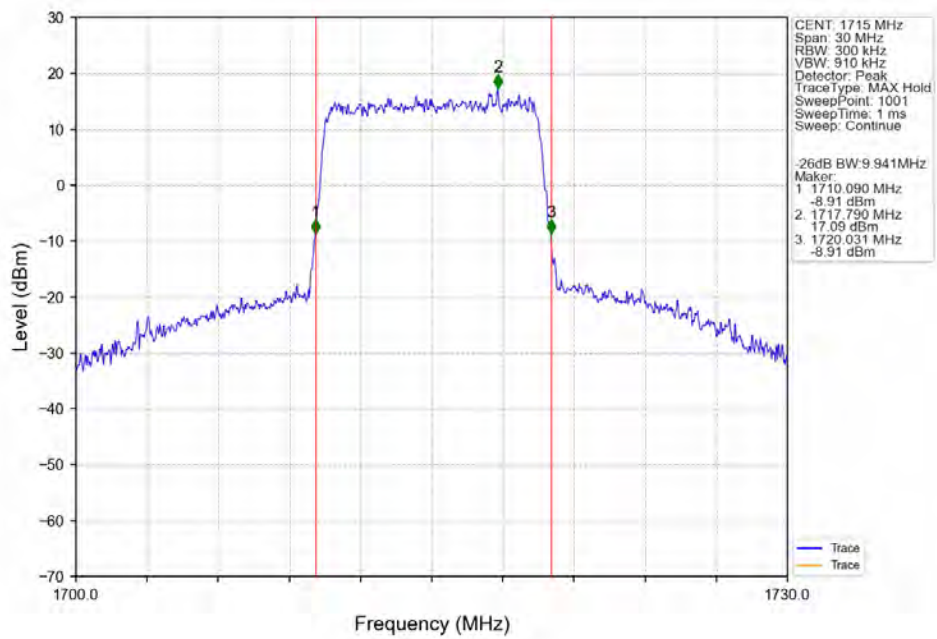
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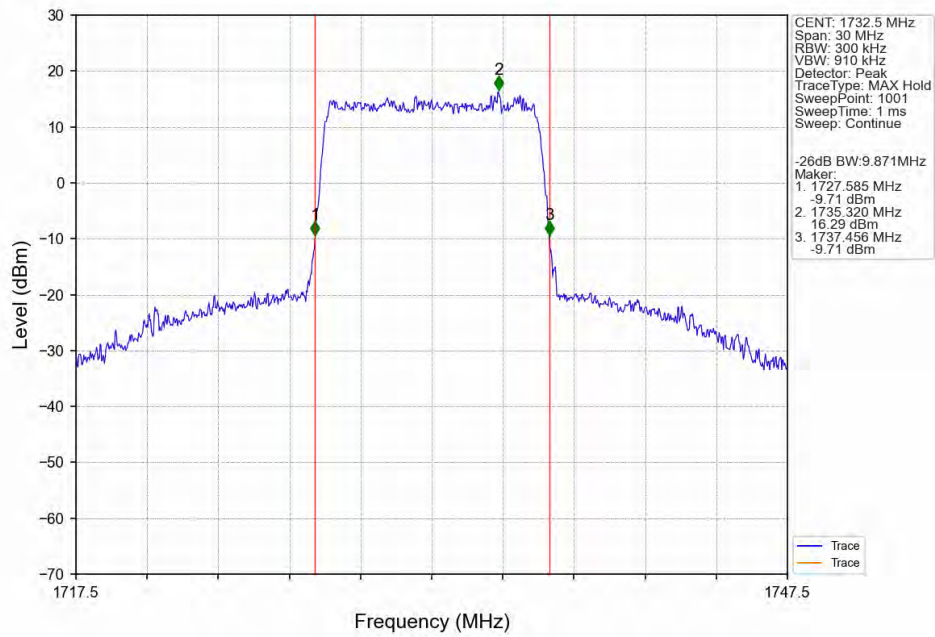
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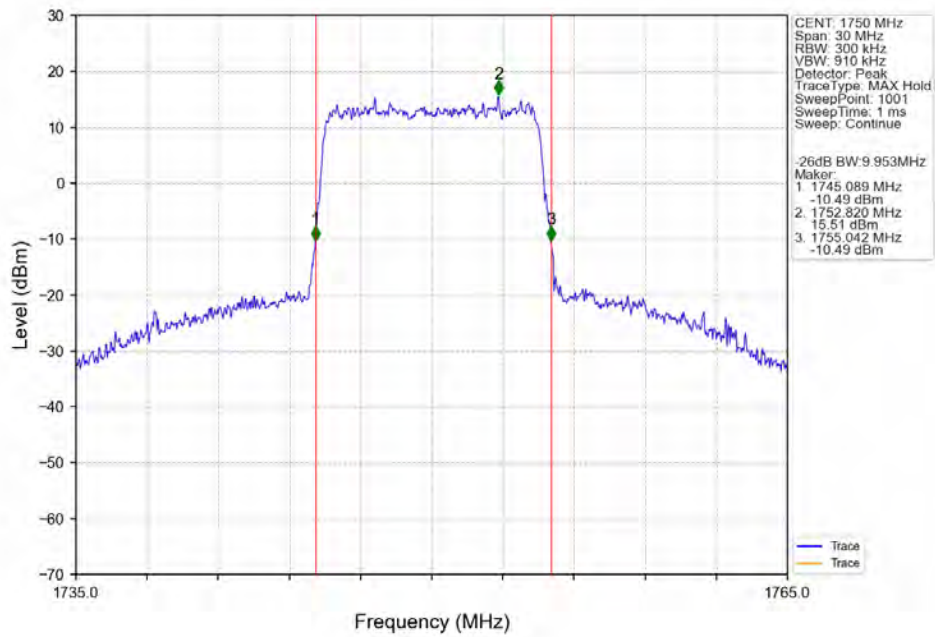
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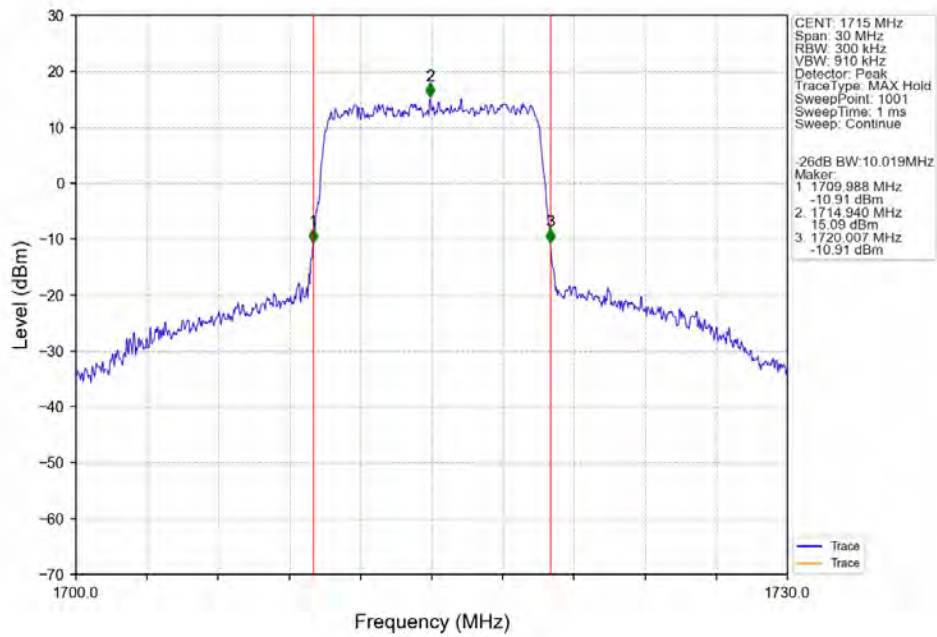
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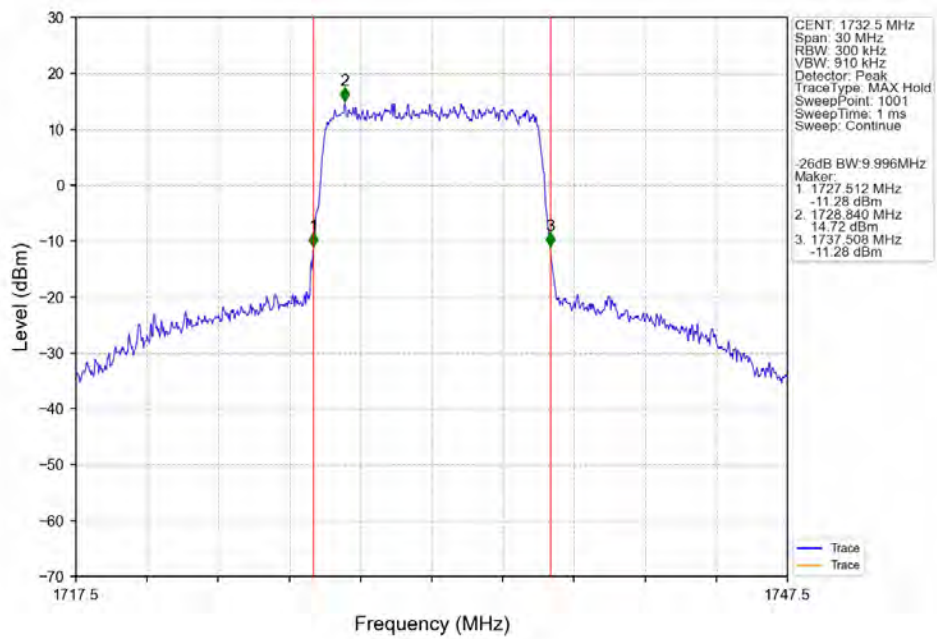
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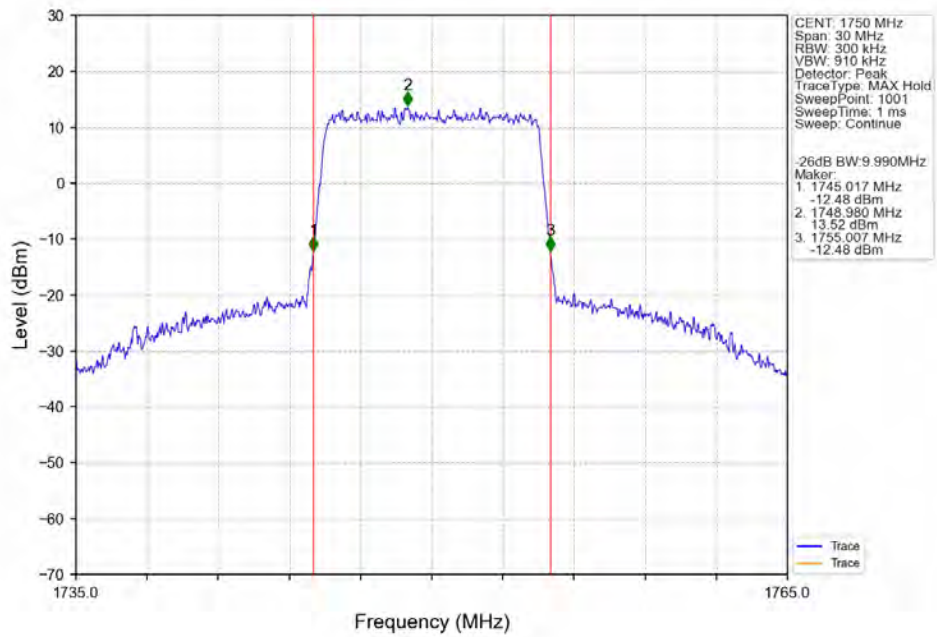
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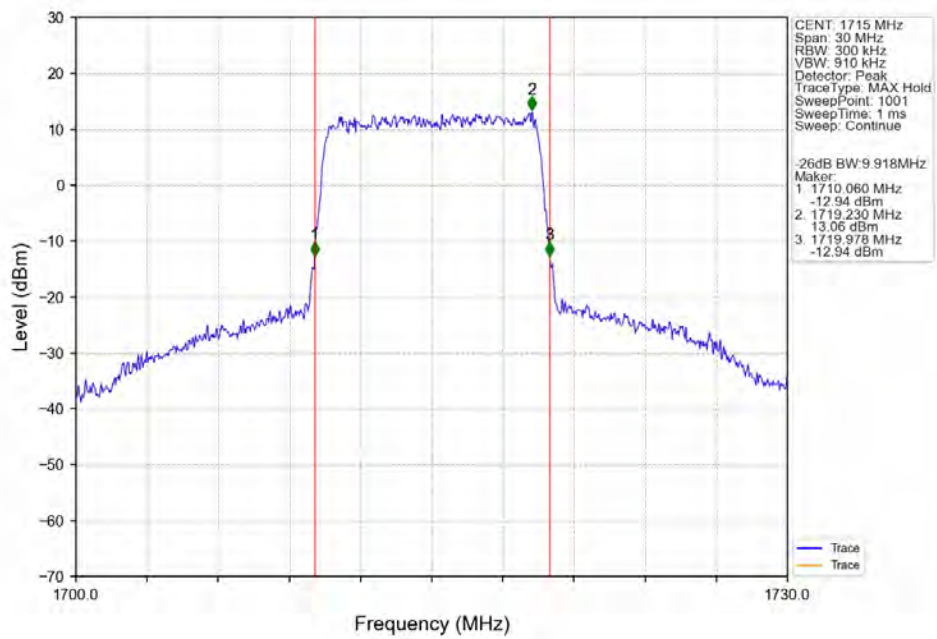
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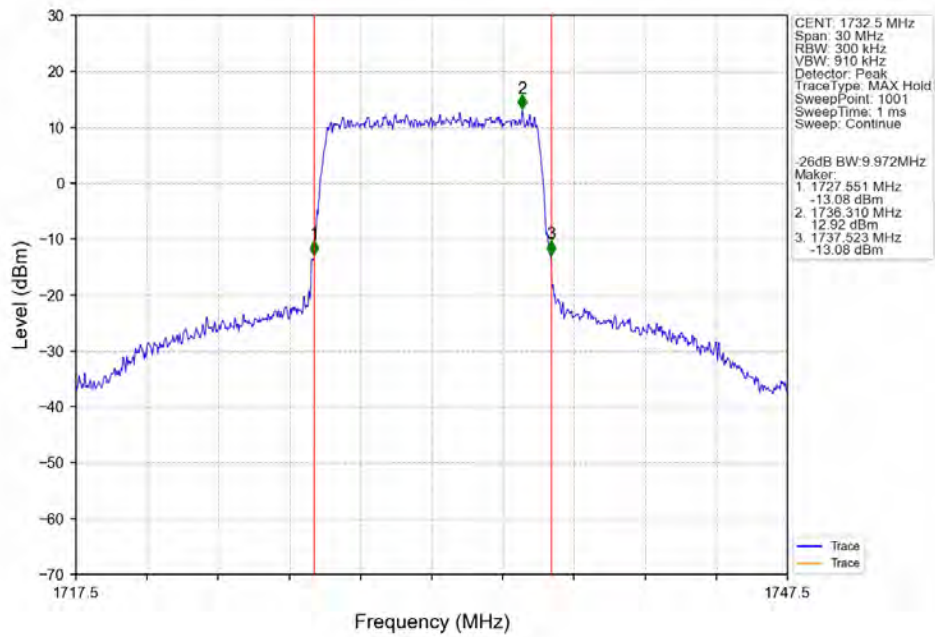
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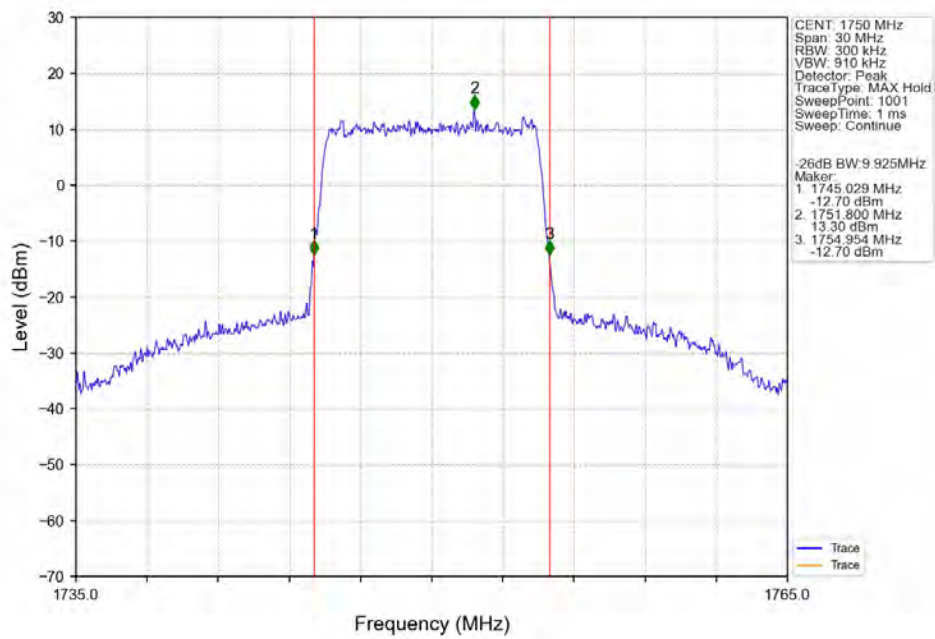
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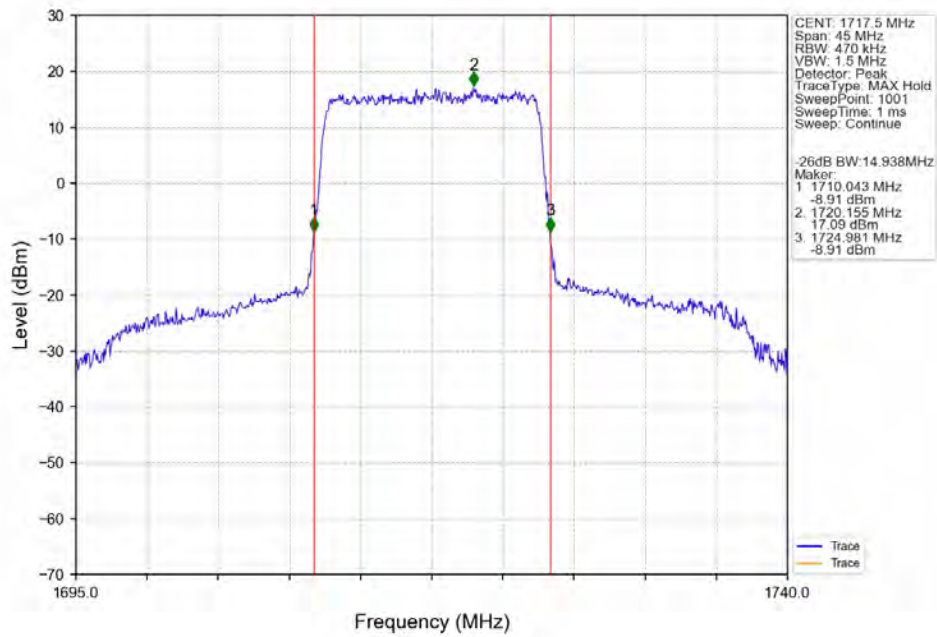
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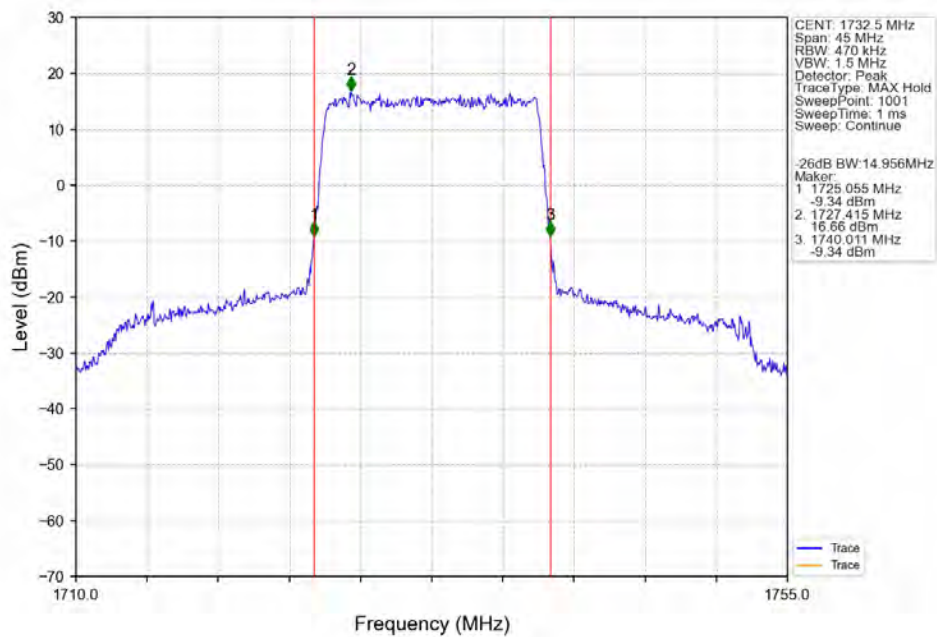
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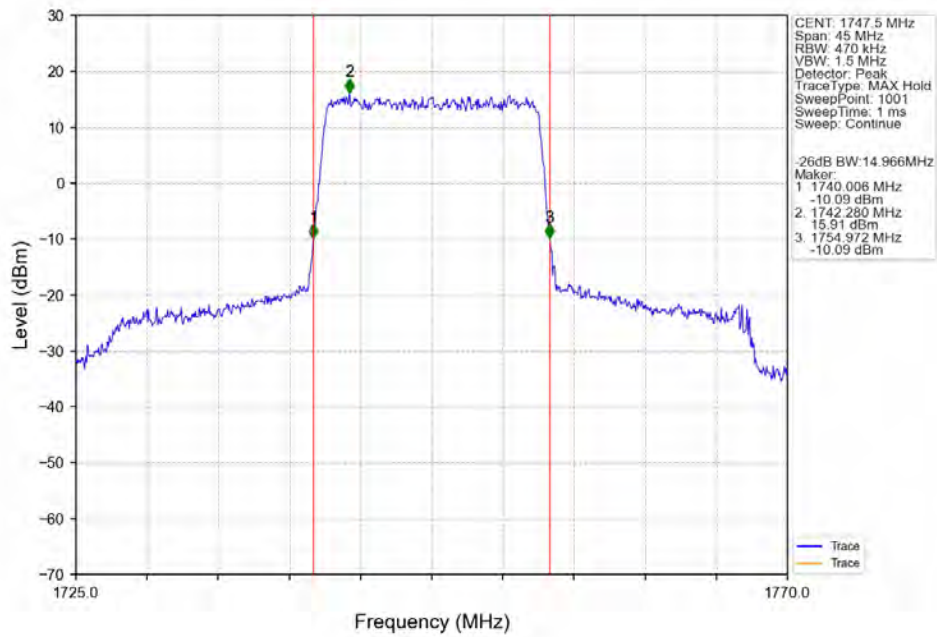
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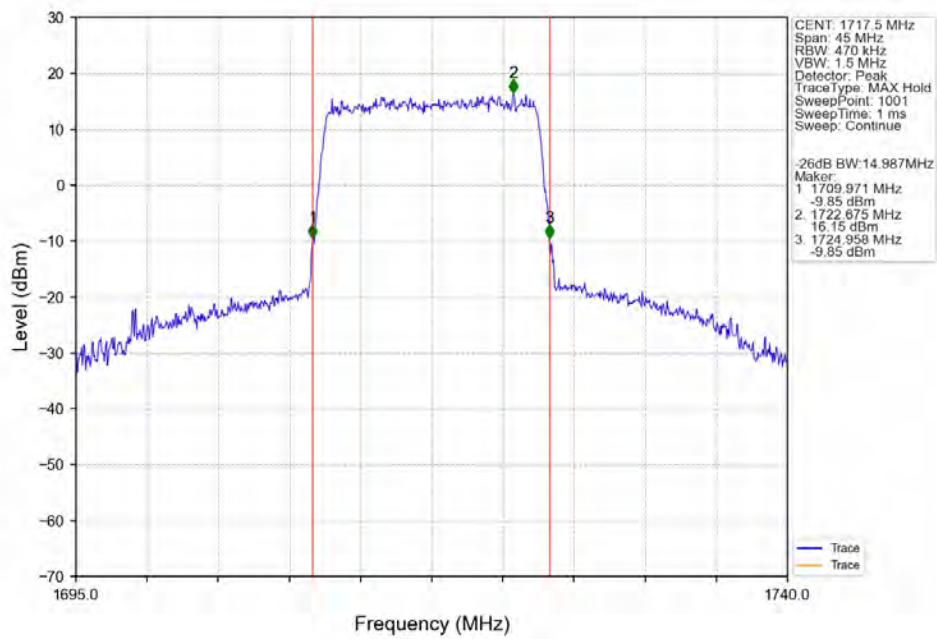
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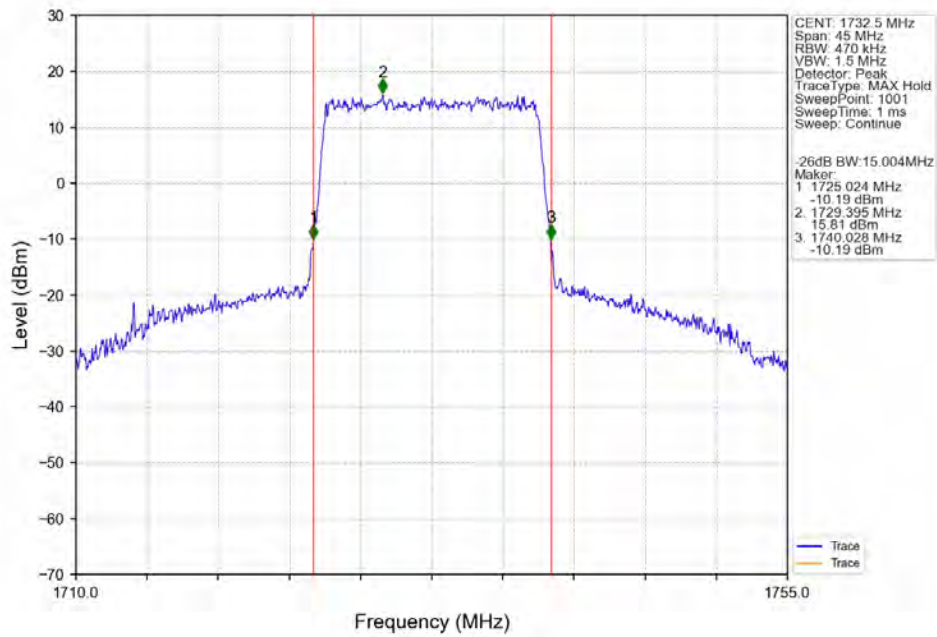
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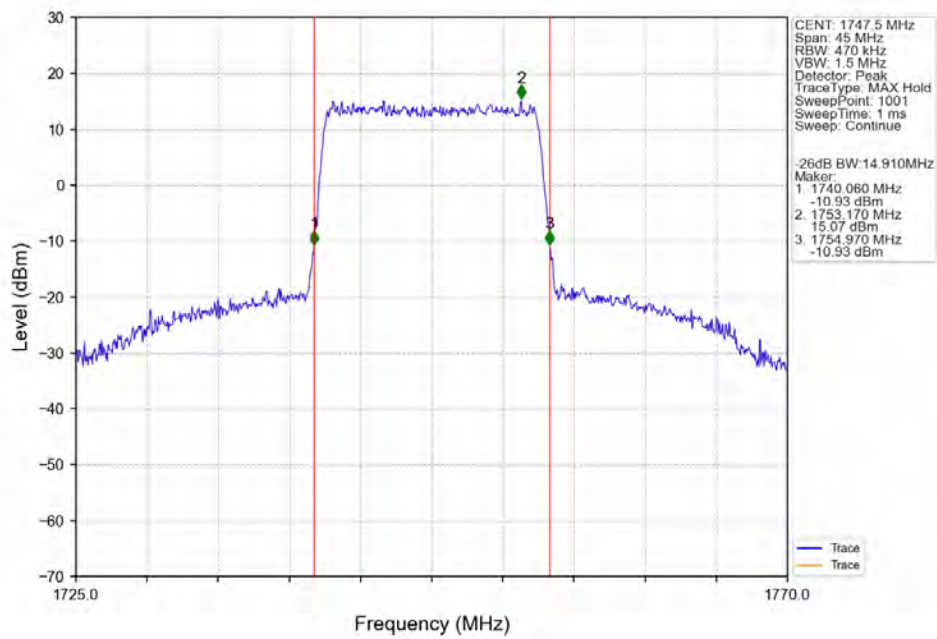
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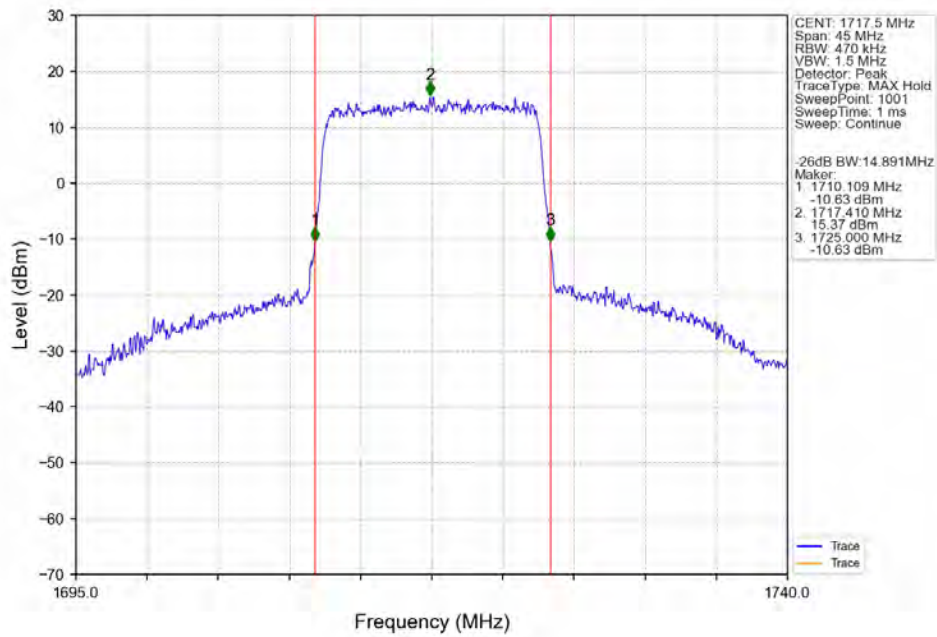
Band4 15MHz 16QAM MCH 1732.5MHz RB 75 0 NTNV



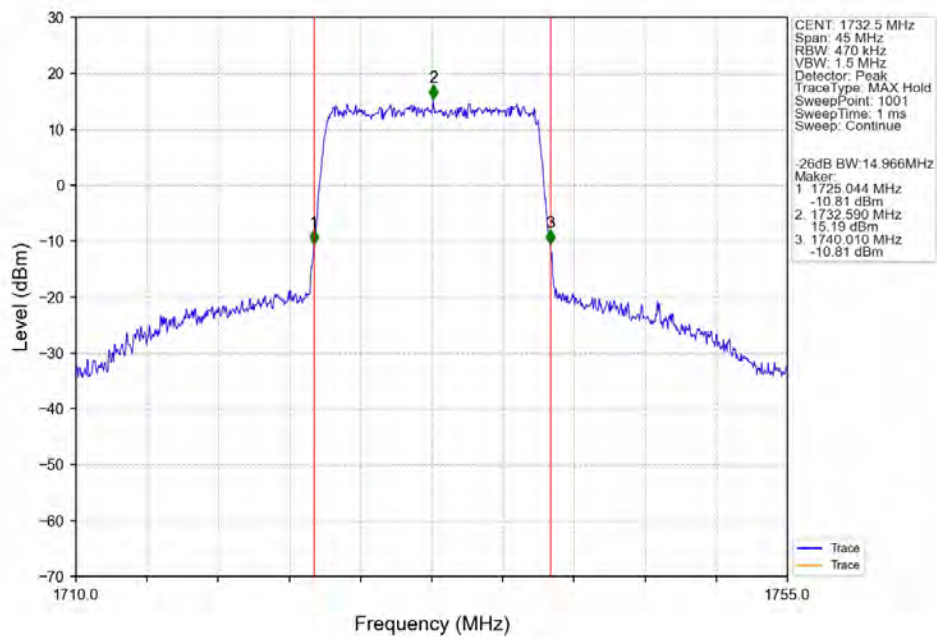
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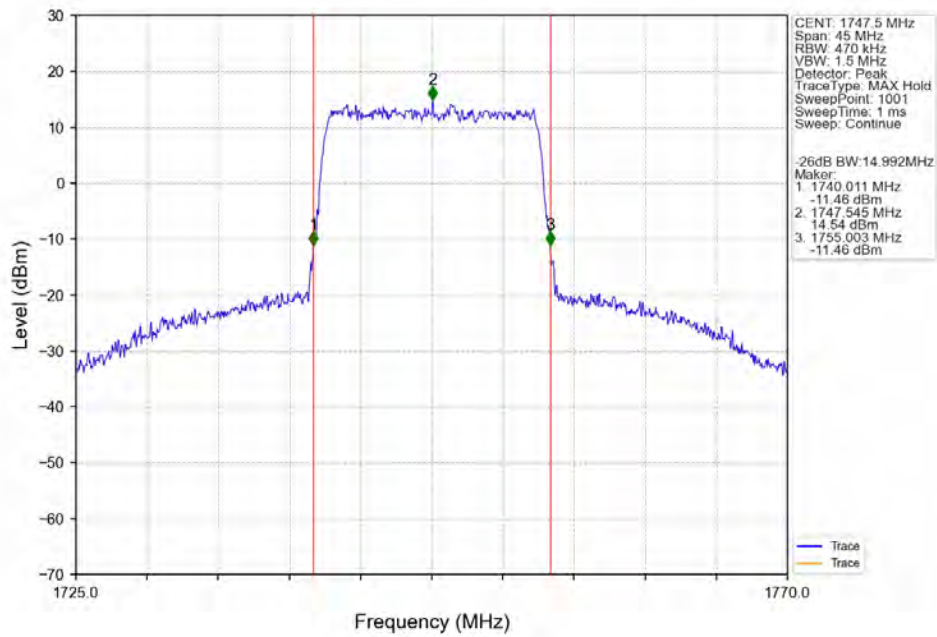
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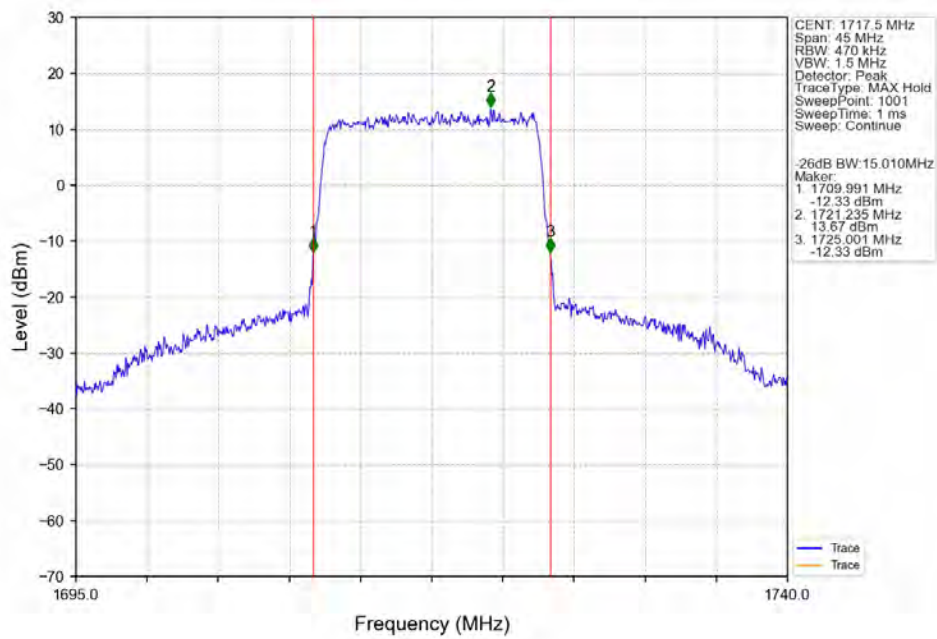
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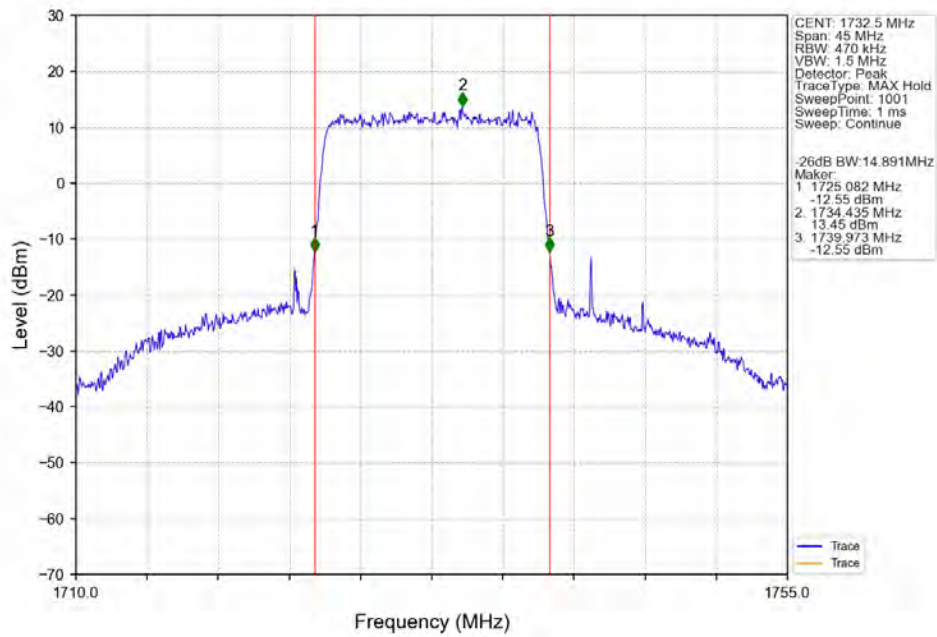
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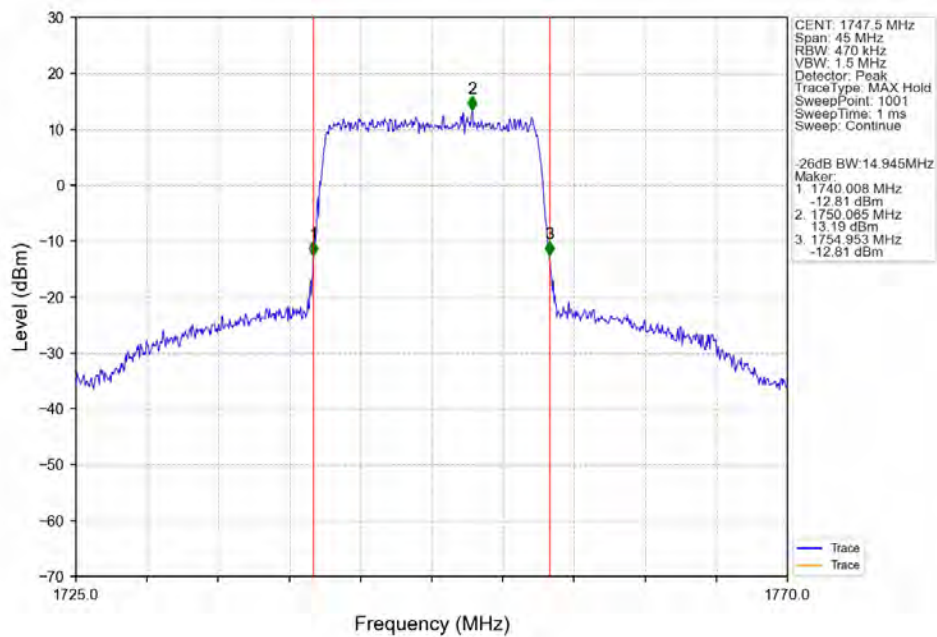
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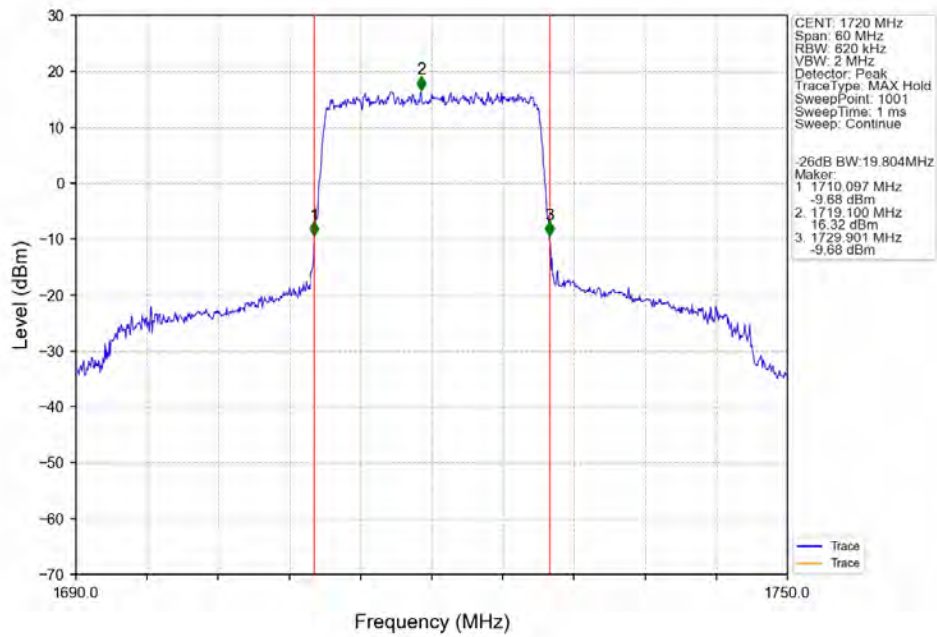
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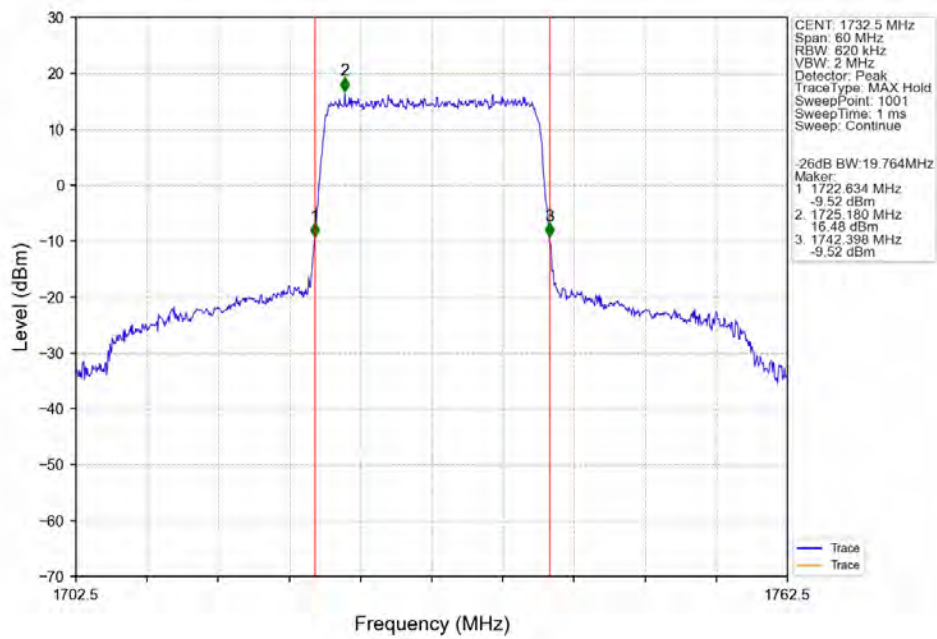
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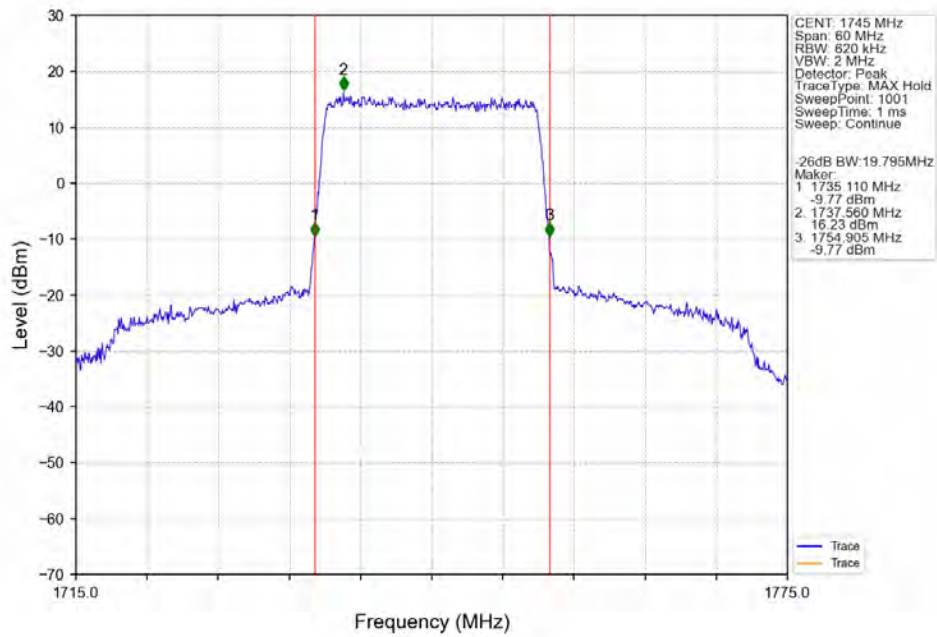
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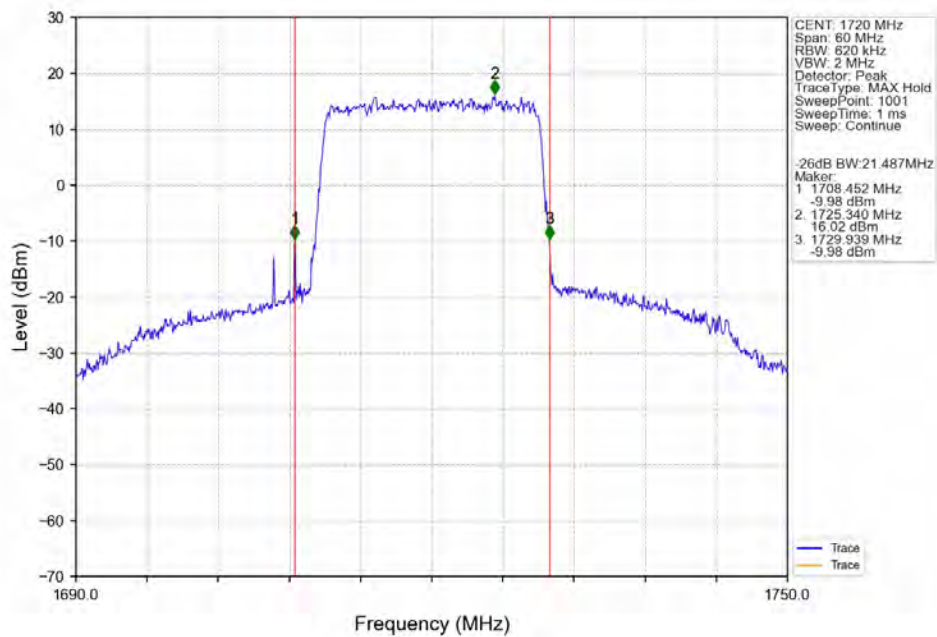
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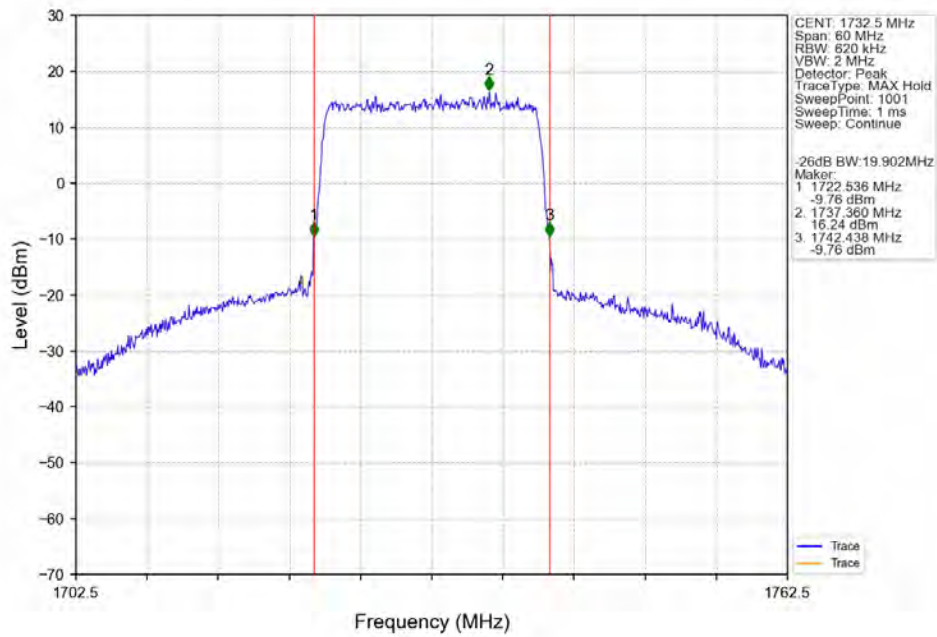
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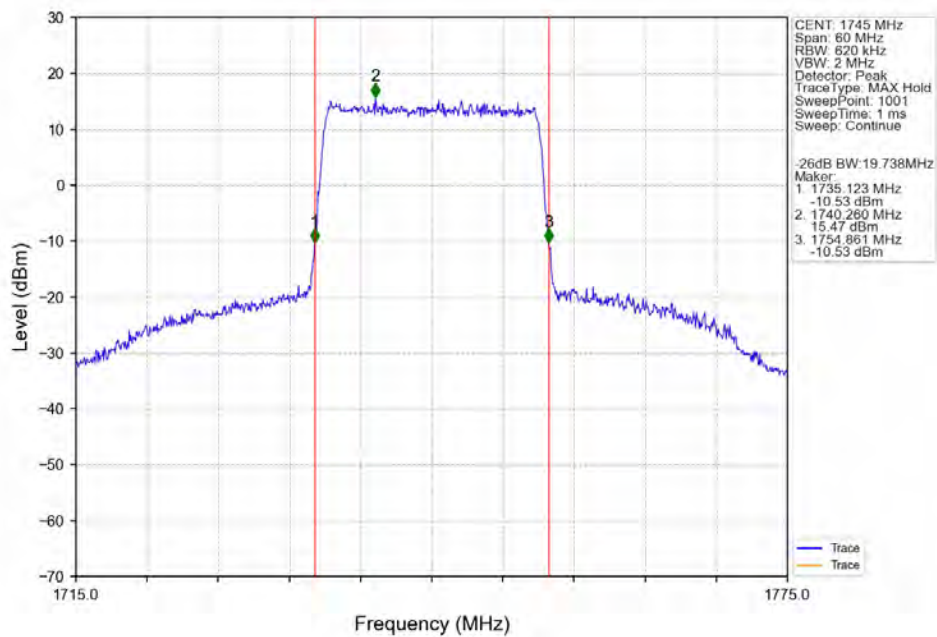
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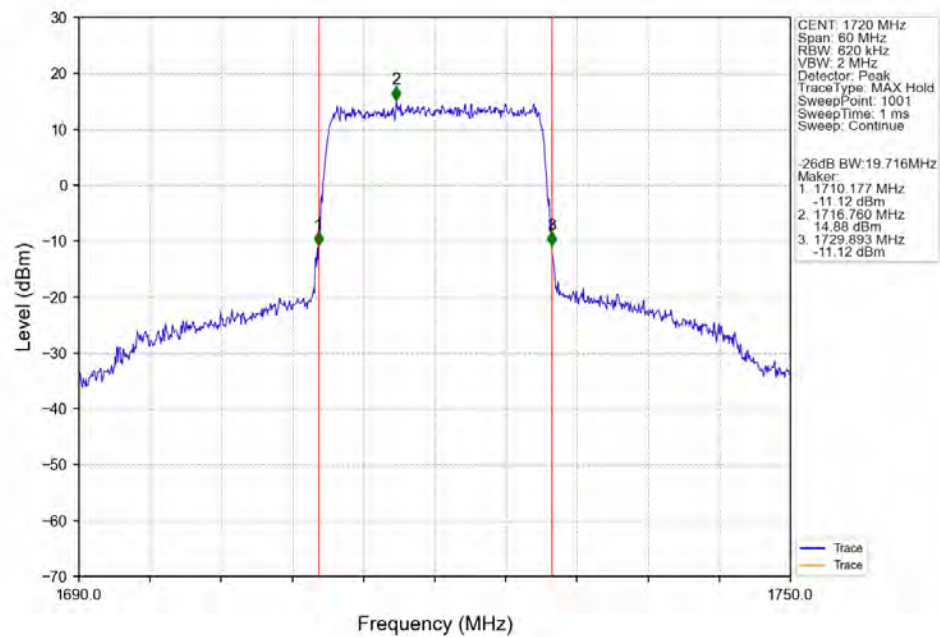
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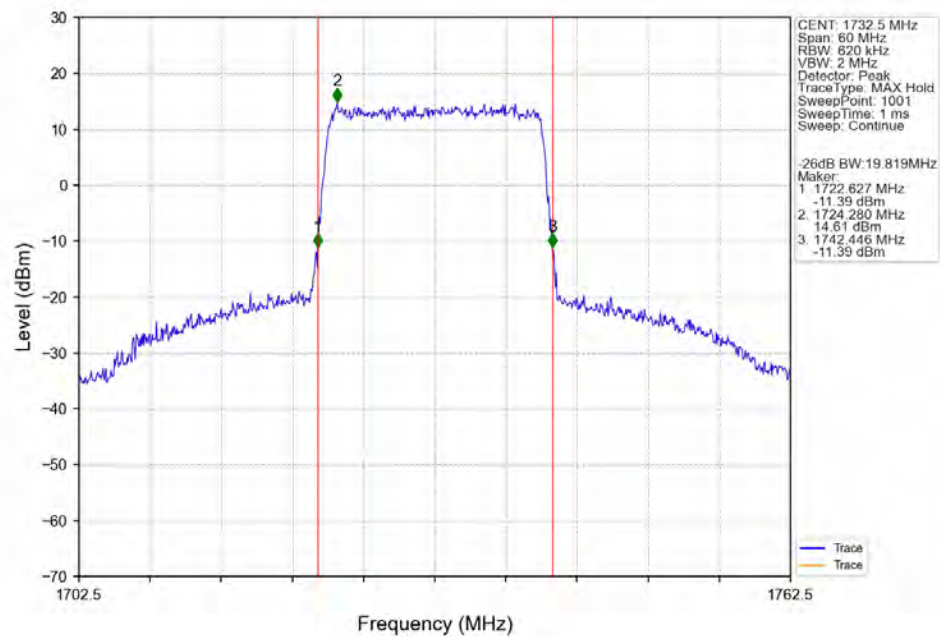
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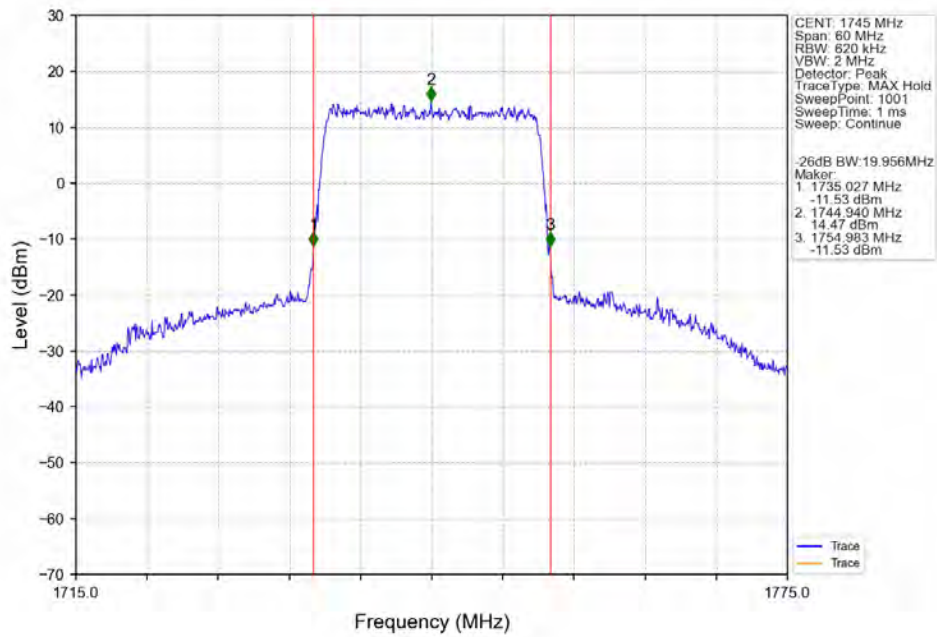
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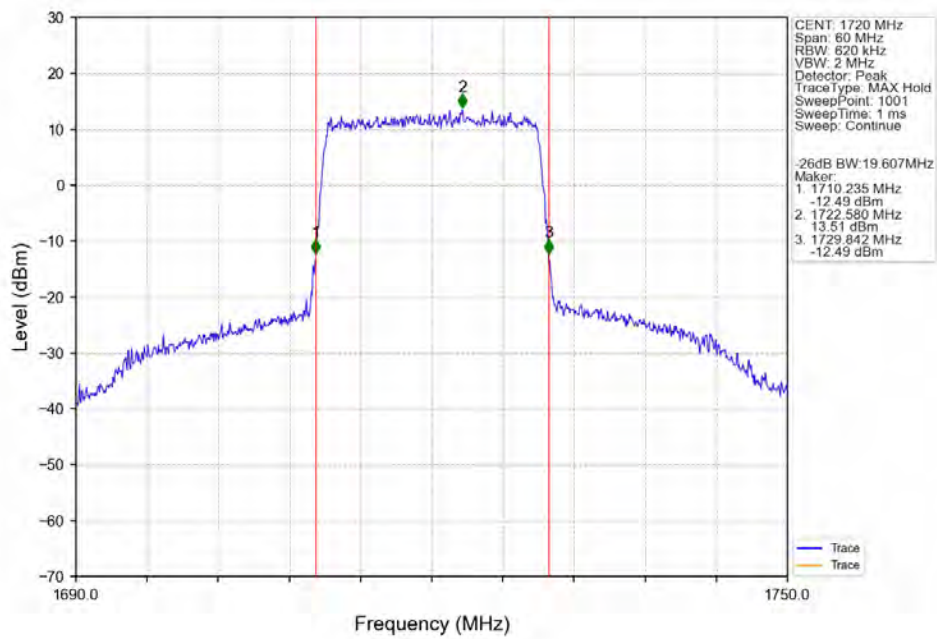
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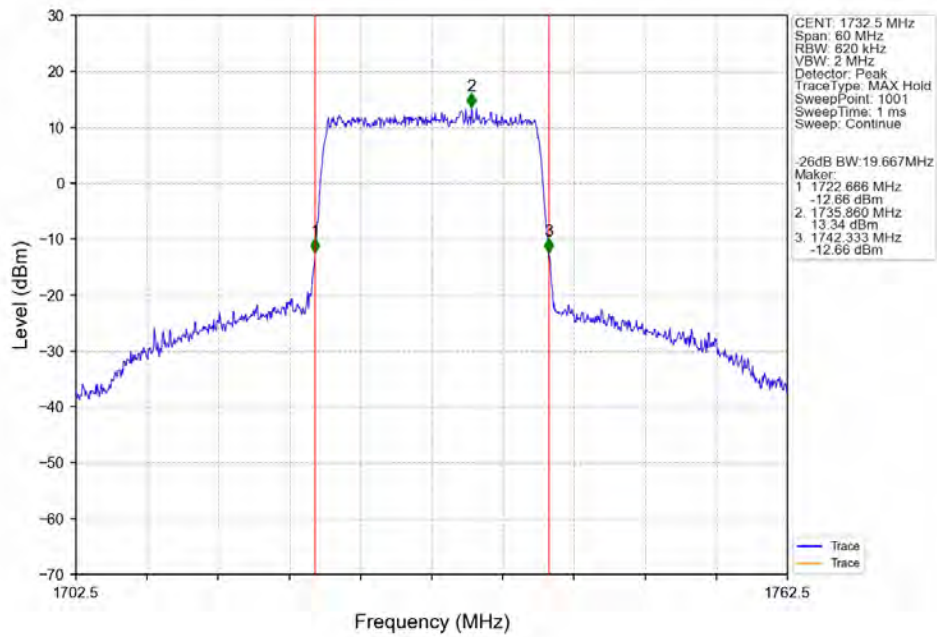
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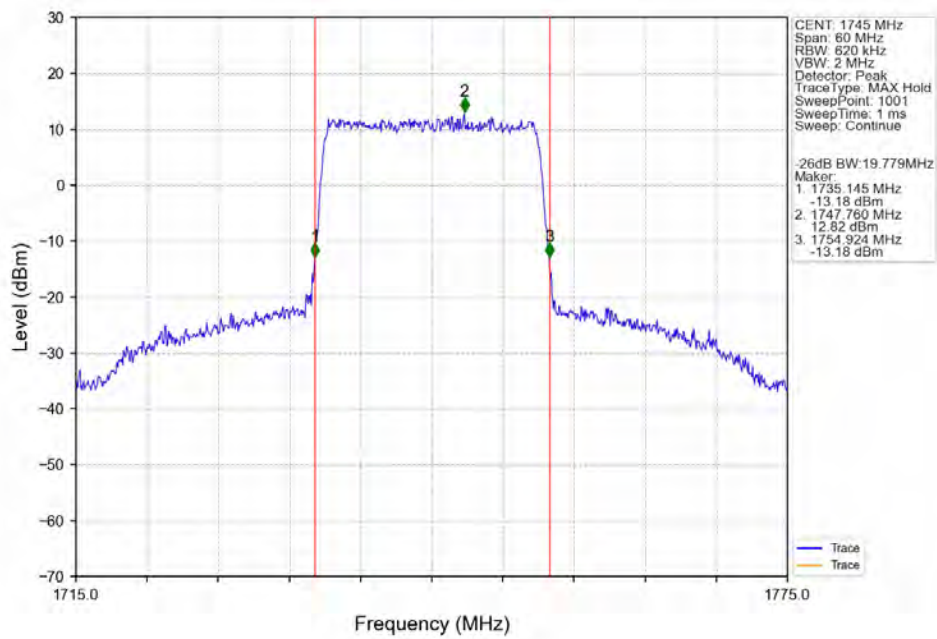
Band4_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV



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



Band4_20MHz_256QAM_HCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	6.14	<=13	Pass
	1732.5	6	0	5.90	<=13	Pass
	1754.3	6	0	5.99	<=13	Pass
16QAM	1710.7	6	0	6.89	<=13	Pass
	1732.5	6	0	6.63	<=13	Pass
	1754.3	6	0	6.70	<=13	Pass
64QAM	1710.7	6	0	6.96	<=13	Pass
	1732.5	6	0	6.70	<=13	Pass
	1754.3	6	0	6.69	<=13	Pass
256QAM	1710.7	6	0	7.04	<=13	Pass
	1732.5	6	0	6.77	<=13	Pass
	1754.3	6	0	6.72	<=13	Pass

4.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	6.06	<=13	Pass
	1732.5	15	0	5.89	<=13	Pass
	1753.5	15	0	5.98	<=13	Pass
16QAM	1711.5	15	0	6.87	<=13	Pass
	1732.5	15	0	6.61	<=13	Pass
	1753.5	15	0	6.71	<=13	Pass
64QAM	1711.5	15	0	6.91	<=13	Pass
	1732.5	15	0	6.66	<=13	Pass
	1753.5	15	0	6.67	<=13	Pass
256QAM	1711.5	15	0	6.82	<=13	Pass
	1732.5	15	0	6.58	<=13	Pass
	1753.5	15	0	6.53	<=13	Pass

4.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.93	<=13	Pass
	1732.5	25	0	5.88	<=13	Pass
	1752.5	25	0	5.95	<=13	Pass
16QAM	1712.5	25	0	6.63	<=13	Pass
	1732.5	25	0	6.46	<=13	Pass
	1752.5	25	0	6.50	<=13	Pass
64QAM	1712.5	25	0	6.80	<=13	Pass

256QAM	1732.5	25	0	6.63	<=13	Pass
	1752.5	25	0	6.66	<=13	Pass
	1712.5	25	0	6.70	<=13	Pass
	1732.5	25	0	6.55	<=13	Pass
	1752.5	25	0	6.52	<=13	Pass

4.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.98	<=13	Pass
	1732.5	50	0	5.89	<=13	Pass
	1750	50	0	5.99	<=13	Pass
16QAM	1715	50	0	6.54	<=13	Pass
	1732.5	50	0	6.46	<=13	Pass
	1750	50	0	6.53	<=13	Pass
64QAM	1715	50	0	6.69	<=13	Pass
	1732.5	50	0	6.59	<=13	Pass
	1750	50	0	6.63	<=13	Pass
256QAM	1715	50	0	6.59	<=13	Pass
	1732.5	50	0	6.52	<=13	Pass
	1750	50	0	6.52	<=13	Pass

4.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.89	<=13	Pass
	1732.5	75	0	5.84	<=13	Pass
	1747.5	75	0	5.95	<=13	Pass
16QAM	1717.5	75	0	6.54	<=13	Pass
	1732.5	75	0	6.45	<=13	Pass
	1747.5	75	0	6.54	<=13	Pass
64QAM	1717.5	75	0	6.73	<=13	Pass
	1732.5	75	0	6.65	<=13	Pass
	1747.5	75	0	6.71	<=13	Pass
256QAM	1717.5	75	0	6.63	<=13	Pass
	1732.5	75	0	6.56	<=13	Pass
	1747.5	75	0	6.58	<=13	Pass

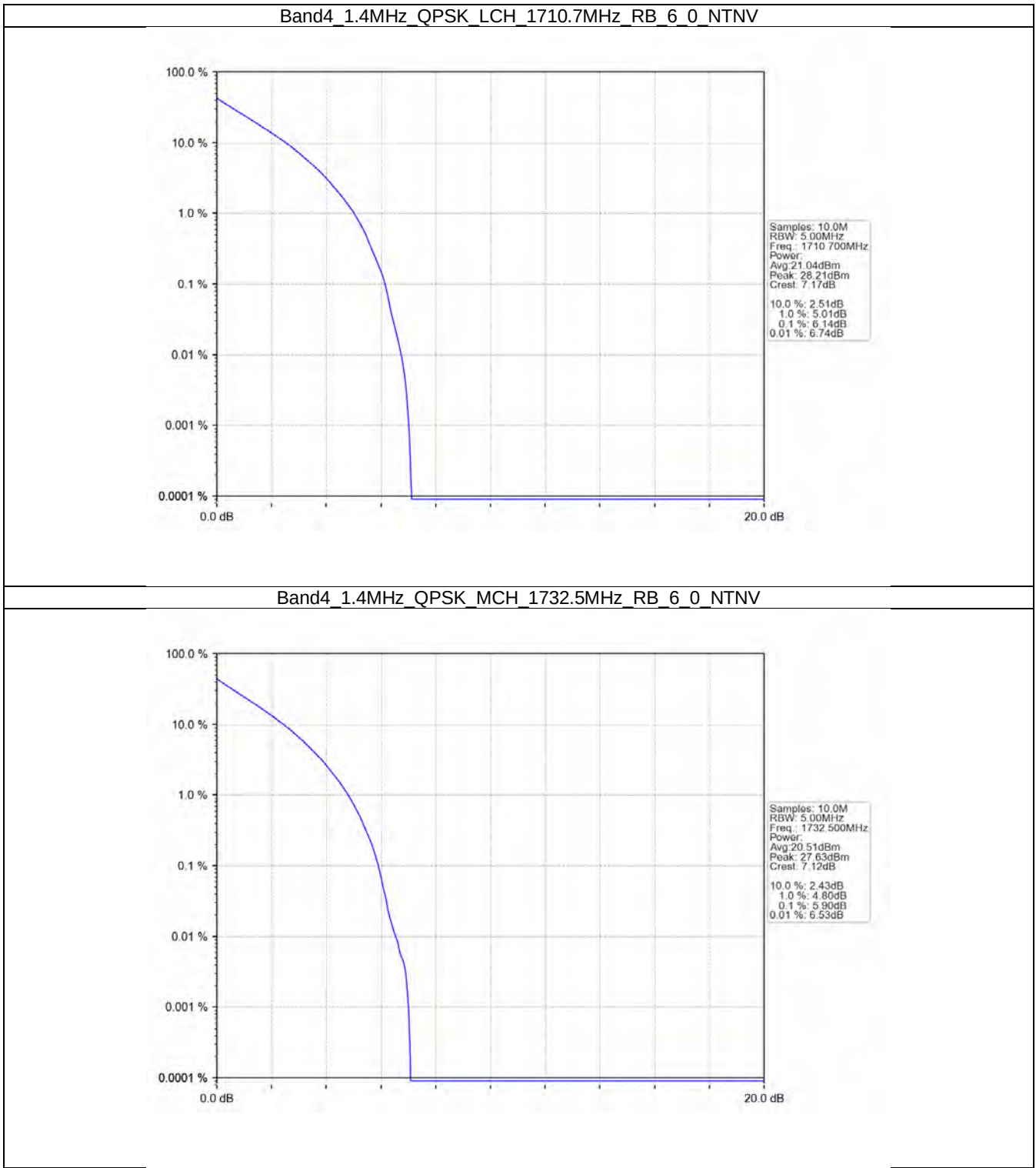
4.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.84	<=13	Pass
	1732.5	100	0	5.81	<=13	Pass
	1745	100	0	5.86	<=13	Pass
16QAM	1720	100	0	6.56	<=13	Pass
	1732.5	100	0	6.52	<=13	Pass
	1745	100	0	6.55	<=13	Pass
64QAM	1720	100	0	6.66	<=13	Pass

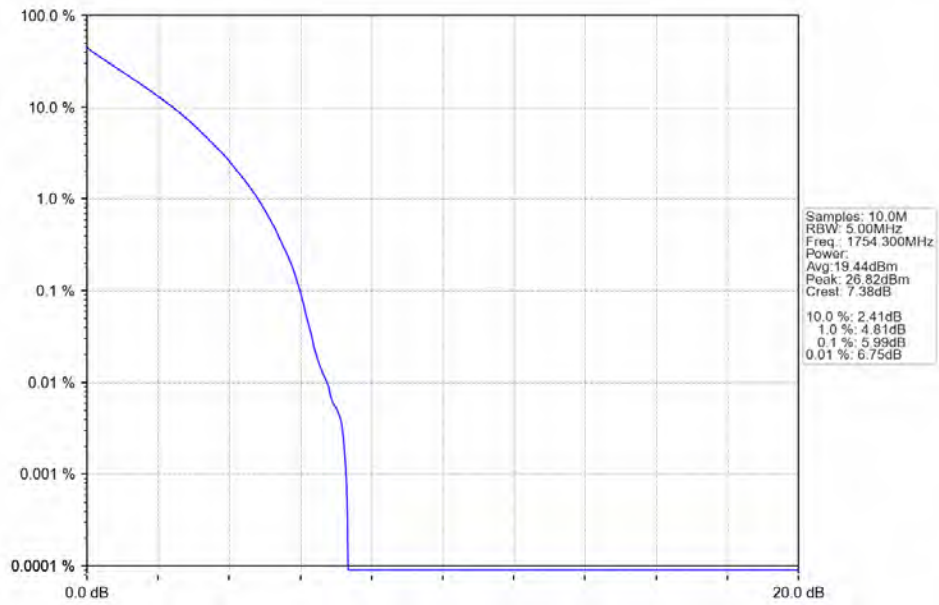
256QAM	1732.5	100	0	6.63	<=13	Pass
	1745	100	0	6.66	<=13	Pass
	1720	100	0	6.60	<=13	Pass
	1732.5	100	0	6.56	<=13	Pass
	1745	100	0	6.60	<=13	Pass

4.2 Test Graph

4.2.1 B4_1.4MHz



Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



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

