

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	25.33	-1.50	23.83	<=30	Pass
			2	25.29	-1.50	23.79	<=30	Pass
			5	25.36	-1.50	23.86	<=30	Pass
		3	0	25.38	-1.50	23.88	<=30	Pass
			2	25.37	-1.50	23.87	<=30	Pass
			3	25.35	-1.50	23.85	<=30	Pass
		6	0	24.44	-1.50	22.94	<=30	Pass
	1732.5	1	0	25.27	-1.50	23.77	<=30	Pass
			2	25.28	-1.50	23.78	<=30	Pass
			5	25.31	-1.50	23.81	<=30	Pass
		3	0	25.27	-1.50	23.77	<=30	Pass
			2	25.29	-1.50	23.79	<=30	Pass
			3	25.31	-1.50	23.81	<=30	Pass
		6	0	24.39	-1.50	22.89	<=30	Pass
	1754.3	1	0	25.22	-1.50	23.72	<=30	Pass
			2	25.20	-1.50	23.70	<=30	Pass
			5	25.21	-1.50	23.71	<=30	Pass
		3	0	25.25	-1.50	23.75	<=30	Pass
			2	25.22	-1.50	23.72	<=30	Pass
			3	25.24	-1.50	23.74	<=30	Pass
		6	0	24.23	-1.50	22.73	<=30	Pass
16QAM	1710.7	1	0	24.50	-1.50	23.00	<=30	Pass
			2	24.51	-1.50	23.01	<=30	Pass
			5	24.55	-1.50	23.05	<=30	Pass
		3	0	24.46	-1.50	22.96	<=30	Pass
			2	24.44	-1.50	22.94	<=30	Pass
			3	24.44	-1.50	22.94	<=30	Pass
		6	0	23.50	-1.50	22.00	<=30	Pass
	1732.5	1	0	24.42	-1.50	22.92	<=30	Pass
			2	24.44	-1.50	22.94	<=30	Pass
			5	24.46	-1.50	22.96	<=30	Pass
		3	0	24.37	-1.50	22.87	<=30	Pass
			2	24.42	-1.50	22.92	<=30	Pass
			3	24.35	-1.50	22.85	<=30	Pass
		6	0	23.35	-1.50	21.85	<=30	Pass
	1754.3	1	0	24.45	-1.50	22.95	<=30	Pass
			2	24.38	-1.50	22.88	<=30	Pass
			5	24.42	-1.50	22.92	<=30	Pass
		3	0	24.34	-1.50	22.84	<=30	Pass
			2	24.26	-1.50	22.76	<=30	Pass
			3	24.35	-1.50	22.85	<=30	Pass
		6	0	23.27	-1.50	21.77	<=30	Pass
64QAM	1710.7	1	0	23.81	-1.50	22.31	<=30	Pass
			2	23.68	-1.50	22.18	<=30	Pass
			5	23.57	-1.50	22.07	<=30	Pass
		3	0	23.47	-1.50	21.97	<=30	Pass
			2	23.52	-1.50	22.02	<=30	Pass
			3	23.45	-1.50	21.95	<=30	Pass
		6	0	22.46	-1.50	20.96	<=30	Pass

	1732.5	1	0	23.47	-1.50	21.97	<=30	Pass
			2	23.30	-1.50	21.80	<=30	Pass
			5	23.50	-1.50	22.00	<=30	Pass
		3	0	23.43	-1.50	21.93	<=30	Pass
			2	23.41	-1.50	21.91	<=30	Pass
			3	23.44	-1.50	21.94	<=30	Pass
		6	0	22.42	-1.50	20.92	<=30	Pass
	1754.3	1	0	23.52	-1.50	22.02	<=30	Pass
			2	23.65	-1.50	22.15	<=30	Pass
			5	23.50	-1.50	22.00	<=30	Pass
		3	0	23.40	-1.50	21.90	<=30	Pass
			2	23.41	-1.50	21.91	<=30	Pass
			3	23.38	-1.50	21.88	<=30	Pass
		6	0	22.24	-1.50	20.74	<=30	Pass
256QAM	1710.7	1	0	20.59	-1.50	19.09	<=30	Pass
			2	20.53	-1.50	19.03	<=30	Pass
			5	20.51	-1.50	19.01	<=30	Pass
		3	0	20.54	-1.50	19.04	<=30	Pass
			2	20.47	-1.50	18.97	<=30	Pass
			3	20.44	-1.50	18.94	<=30	Pass
		6	0	20.52	-1.50	19.02	<=30	Pass
	1732.5	1	0	20.47	-1.50	18.97	<=30	Pass
			2	20.56	-1.50	19.06	<=30	Pass
			5	20.52	-1.50	19.02	<=30	Pass
		3	0	20.46	-1.50	18.96	<=30	Pass
			2	20.46	-1.50	18.96	<=30	Pass
			3	20.42	-1.50	18.92	<=30	Pass
	6	0	20.29	-1.50	18.79	<=30	Pass	
	1754.3	1	0	20.38	-1.50	18.88	<=30	Pass
			2	20.33	-1.50	18.83	<=30	Pass
			5	20.36	-1.50	18.86	<=30	Pass
		3	0	20.30	-1.50	18.80	<=30	Pass
			2	20.32	-1.50	18.82	<=30	Pass
			3	20.39	-1.50	18.89	<=30	Pass
		6	0	20.37	-1.50	18.87	<=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	25.32	-1.50	23.82	<=30	Pass
			7	25.42	-1.50	23.92	<=30	Pass
			14	25.29	-1.50	23.79	<=30	Pass
		8	0	24.47	-1.50	22.97	<=30	Pass
			4	24.47	-1.50	22.97	<=30	Pass
			7	24.46	-1.50	22.96	<=30	Pass
		15	0	24.46	-1.50	22.96	<=30	Pass
	1732.5	1	0	25.23	-1.50	23.73	<=30	Pass
			7	25.42	-1.50	23.92	<=30	Pass
			14	25.33	-1.50	23.83	<=30	Pass
		8	0	24.46	-1.50	22.96	<=30	Pass
			4	24.43	-1.50	22.93	<=30	Pass
			7	24.41	-1.50	22.91	<=30	Pass
		15	0	24.40	-1.50	22.90	<=30	Pass
	1753.5	1	0	25.26	-1.50	23.76	<=30	Pass

		8	7	25.47	-1.50	23.97	<=30	Pass
			14	25.32	-1.50	23.82	<=30	Pass
			0	24.30	-1.50	22.80	<=30	Pass
			4	24.38	-1.50	22.88	<=30	Pass
			7	24.37	-1.50	22.87	<=30	Pass
16QAM	1711.5	1	0	24.36	-1.50	22.86	<=30	Pass
			7	24.56	-1.50	23.06	<=30	Pass
			14	24.70	-1.50	23.20	<=30	Pass
		8	0	24.52	-1.50	23.02	<=30	Pass
			4	23.49	-1.50	21.99	<=30	Pass
			7	23.56	-1.50	22.06	<=30	Pass
		15	4	23.51	-1.50	22.01	<=30	Pass
			7	23.46	-1.50	21.96	<=30	Pass
			0	23.46	-1.50	21.96	<=30	Pass
	1732.5	1	0	24.42	-1.50	22.92	<=30	Pass
			7	24.58	-1.50	23.08	<=30	Pass
			14	24.54	-1.50	23.04	<=30	Pass
		8	0	23.44	-1.50	21.94	<=30	Pass
			4	23.52	-1.50	22.02	<=30	Pass
			7	23.43	-1.50	21.93	<=30	Pass
		15	0	23.44	-1.50	21.94	<=30	Pass
			0	24.44	-1.50	22.94	<=30	Pass
			7	24.55	-1.50	23.05	<=30	Pass
64QAM	1711.5	1	14	24.42	-1.50	22.92	<=30	Pass
			0	23.31	-1.50	21.81	<=30	Pass
			4	23.47	-1.50	21.97	<=30	Pass
		8	7	23.42	-1.50	21.92	<=30	Pass
			0	23.40	-1.50	21.90	<=30	Pass
			7	23.58	-1.50	22.08	<=30	Pass
		15	0	23.51	-1.50	22.01	<=30	Pass
			14	23.43	-1.50	21.93	<=30	Pass
			0	22.38	-1.50	20.88	<=30	Pass
	1732.5	8	4	22.49	-1.50	20.99	<=30	Pass
			7	22.41	-1.50	20.91	<=30	Pass
			0	22.52	-1.50	21.02	<=30	Pass
		1	0	23.40	-1.50	21.90	<=30	Pass
			7	23.71	-1.50	22.21	<=30	Pass
			14	23.52	-1.50	22.02	<=30	Pass
		8	0	22.30	-1.50	20.80	<=30	Pass
			4	22.47	-1.50	20.97	<=30	Pass
			7	22.35	-1.50	20.85	<=30	Pass
	1753.5	15	0	22.45	-1.50	20.95	<=30	Pass
			0	23.47	-1.50	21.97	<=30	Pass
			7	23.58	-1.50	22.08	<=30	Pass
256QAM	1711.5	1	14	23.44	-1.50	21.94	<=30	Pass
			0	22.27	-1.50	20.77	<=30	Pass
			4	22.40	-1.50	20.90	<=30	Pass
		8	7	22.45	-1.50	20.95	<=30	Pass
			0	22.40	-1.50	20.90	<=30	Pass
			7	20.49	-1.50	18.99	<=30	Pass
		15	0	20.78	-1.50	19.28	<=30	Pass
			14	20.58	-1.50	19.08	<=30	Pass
			0	20.47	-1.50	18.97	<=30	Pass
	1732.5	8	4	20.56	-1.50	19.06	<=30	Pass
			7	20.46	-1.50	18.96	<=30	Pass
			0	20.50	-1.50	19.00	<=30	Pass
		1	0	20.44	-1.50	18.94	<=30	Pass
			7	20.53	-1.50	19.03	<=30	Pass
			14	20.47	-1.50	18.97	<=30	Pass
		8	0	20.42	-1.50	18.92	<=30	Pass

			4	20.48	-1.50	18.98	<=30	Pass
			7	20.47	-1.50	18.97	<=30	Pass
		15	0	20.45	-1.50	18.95	<=30	Pass
	1753.5	1	0	20.38	-1.50	18.88	<=30	Pass
			7	20.55	-1.50	19.05	<=30	Pass
			14	20.36	-1.50	18.86	<=30	Pass
		8	0	20.27	-1.50	18.77	<=30	Pass
			4	20.42	-1.50	18.92	<=30	Pass
			7	20.40	-1.50	18.90	<=30	Pass
		15	0	20.35	-1.50	18.85	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	25.44	-1.50	23.94	<=30	Pass
			13	25.49	-1.50	23.99	<=30	Pass
			24	25.42	-1.50	23.92	<=30	Pass
		12	0	24.45	-1.50	22.95	<=30	Pass
			6	24.49	-1.50	22.99	<=30	Pass
			13	24.42	-1.50	22.92	<=30	Pass
		25	0	24.45	-1.50	22.95	<=30	Pass
	1732.5	1	0	25.32	-1.50	23.82	<=30	Pass
			13	25.43	-1.50	23.93	<=30	Pass
			24	25.39	-1.50	23.89	<=30	Pass
		12	0	24.40	-1.50	22.90	<=30	Pass
			6	24.45	-1.50	22.95	<=30	Pass
			13	24.47	-1.50	22.97	<=30	Pass
		25	0	24.41	-1.50	22.91	<=30	Pass
	1752.5	1	0	25.43	-1.50	23.93	<=30	Pass
			13	25.46	-1.50	23.96	<=30	Pass
			24	25.36	-1.50	23.86	<=30	Pass
		12	0	24.35	-1.50	22.85	<=30	Pass
			6	24.40	-1.50	22.90	<=30	Pass
			13	24.39	-1.50	22.89	<=30	Pass
		25	0	24.34	-1.50	22.84	<=30	Pass
16QAM	1712.5	1	0	24.61	-1.50	23.11	<=30	Pass
			13	24.56	-1.50	23.06	<=30	Pass
			24	24.49	-1.50	22.99	<=30	Pass
		12	0	23.53	-1.50	22.03	<=30	Pass
			6	23.58	-1.50	22.08	<=30	Pass
			13	23.39	-1.50	21.89	<=30	Pass
		25	0	23.47	-1.50	21.97	<=30	Pass
	1732.5	1	0	24.43	-1.50	22.93	<=30	Pass
			13	24.55	-1.50	23.05	<=30	Pass
			24	24.59	-1.50	23.09	<=30	Pass
		12	0	23.45	-1.50	21.95	<=30	Pass
			6	23.51	-1.50	22.01	<=30	Pass
			13	23.52	-1.50	22.02	<=30	Pass
		25	0	23.41	-1.50	21.91	<=30	Pass
	1752.5	1	0	24.66	-1.50	23.16	<=30	Pass
			13	24.75	-1.50	23.25	<=30	Pass
			24	24.59	-1.50	23.09	<=30	Pass
		12	0	23.37	-1.50	21.87	<=30	Pass
			6	23.27	-1.50	21.77	<=30	Pass

			13	23.34	-1.50	21.84	<=30	Pass	
		25	0	23.34	-1.50	21.84	<=30	Pass	
64QAM	1712.5	1	0	23.75	-1.50	22.25	<=30	Pass	
			13	23.80	-1.50	22.30	<=30	Pass	
			24	23.65	-1.50	22.15	<=30	Pass	
			0	22.48	-1.50	20.98	<=30	Pass	
		12	6	22.52	-1.50	21.02	<=30	Pass	
			13	22.47	-1.50	20.97	<=30	Pass	
			25	0	22.48	-1.50	20.98	<=30	Pass
		1732.5	1	0	23.42	-1.50	21.92	<=30	Pass
				13	23.59	-1.50	22.09	<=30	Pass
	24			23.57	-1.50	22.07	<=30	Pass	
	12		0	22.41	-1.50	20.91	<=30	Pass	
			6	22.51	-1.50	21.01	<=30	Pass	
			13	22.44	-1.50	20.94	<=30	Pass	
	25		0	22.43	-1.50	20.93	<=30	Pass	
	1752.5	1	0	23.57	-1.50	22.07	<=30	Pass	
			13	23.63	-1.50	22.13	<=30	Pass	
			24	23.41	-1.50	21.91	<=30	Pass	
		12	0	22.35	-1.50	20.85	<=30	Pass	
			6	22.38	-1.50	20.88	<=30	Pass	
			13	22.42	-1.50	20.92	<=30	Pass	
		25	0	22.32	-1.50	20.82	<=30	Pass	

256QAM	1712.5	1	0	20.40	-1.50	18.90	<=30	Pass
			13	20.75	-1.50	19.25	<=30	Pass
			24	20.47	-1.50	18.97	<=30	Pass
		12	0	20.48	-1.50	18.98	<=30	Pass
			6	20.51	-1.50	19.01	<=30	Pass
			13	20.45	-1.50	18.95	<=30	Pass
		25	0	20.50	-1.50	19.00	<=30	Pass
	1732.5	1	0	20.45	-1.50	18.95	<=30	Pass
			13	20.74	-1.50	19.24	<=30	Pass
			24	20.67	-1.50	19.17	<=30	Pass
		12	0	20.42	-1.50	18.92	<=30	Pass
			6	20.49	-1.50	18.99	<=30	Pass
			13	20.49	-1.50	18.99	<=30	Pass
		25	0	20.39	-1.50	18.89	<=30	Pass
	1752.5	1	0	20.59	-1.50	19.09	<=30	Pass
			13	20.55	-1.50	19.05	<=30	Pass
			24	20.34	-1.50	18.84	<=30	Pass
		12	0	20.35	-1.50	18.85	<=30	Pass
			6	20.41	-1.50	18.91	<=30	Pass
			13	20.39	-1.50	18.89	<=30	Pass
		25	0	20.29	-1.50	18.79	<=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	25.47	-1.50	23.97	<=30	Pass
			25	25.35	-1.50	23.85	<=30	Pass
			49	25.24	-1.50	23.74	<=30	Pass
		25	0	24.43	-1.50	22.93	<=30	Pass
			13	24.40	-1.50	22.90	<=30	Pass
			25	24.35	-1.50	22.85	<=30	Pass

		50	0	24.42	-1.50	22.92	<=30	Pass	
	1732.5	1	0	25.25	-1.50	23.75	<=30	Pass	
			25	25.40	-1.50	23.90	<=30	Pass	
			49	25.37	-1.50	23.87	<=30	Pass	
			0	24.33	-1.50	22.83	<=30	Pass	
		25	13	24.45	-1.50	22.95	<=30	Pass	
			25	24.43	-1.50	22.93	<=30	Pass	
	50	0	24.41	-1.50	22.91	<=30	Pass		
	1750	1	0	25.39	-1.50	23.89	<=30	Pass	
			25	25.36	-1.50	23.86	<=30	Pass	
			49	25.21	-1.50	23.71	<=30	Pass	
		25	0	24.48	-1.50	22.98	<=30	Pass	
			13	24.46	-1.50	22.96	<=30	Pass	
			25	24.38	-1.50	22.88	<=30	Pass	
		50	0	24.45	-1.50	22.95	<=30	Pass	
		16QAM	1715	1	0	24.57	-1.50	23.07	<=30
25	24.53				-1.50	23.03	<=30	Pass	
49	24.50				-1.50	23.00	<=30	Pass	
25	0			23.46	-1.50	21.96	<=30	Pass	
	13			23.47	-1.50	21.97	<=30	Pass	
	25			23.43	-1.50	21.93	<=30	Pass	
50	0			23.43	-1.50	21.93	<=30	Pass	
1732.5	1		0	24.43	-1.50	22.93	<=30	Pass	
			25	24.60	-1.50	23.10	<=30	Pass	
			49	24.51	-1.50	23.01	<=30	Pass	
	25		0	23.38	-1.50	21.88	<=30	Pass	
			13	23.43	-1.50	21.93	<=30	Pass	
			25	23.50	-1.50	22.00	<=30	Pass	
	50		0	23.47	-1.50	21.97	<=30	Pass	
1750	1		0	24.66	-1.50	23.16	<=30	Pass	
			25	24.59	-1.50	23.09	<=30	Pass	
			49	24.56	-1.50	23.06	<=30	Pass	
	25		0	23.46	-1.50	21.96	<=30	Pass	
			13	23.51	-1.50	22.01	<=30	Pass	
			25	23.40	-1.50	21.90	<=30	Pass	
	50		0	23.47	-1.50	21.97	<=30	Pass	
64QAM	1715		1	0	23.77	-1.50	22.27	<=30	Pass
				25	23.66	-1.50	22.16	<=30	Pass
				49	23.56	-1.50	22.06	<=30	Pass
		25	0	22.42	-1.50	20.92	<=30	Pass	
			13	22.47	-1.50	20.97	<=30	Pass	
			25	22.38	-1.50	20.88	<=30	Pass	
		50	0	22.42	-1.50	20.92	<=30	Pass	
	1732.5	1	0	23.36	-1.50	21.86	<=30	Pass	
			25	23.71	-1.50	22.21	<=30	Pass	
			49	23.62	-1.50	22.12	<=30	Pass	
		25	0	22.31	-1.50	20.81	<=30	Pass	
			13	22.47	-1.50	20.97	<=30	Pass	
			25	22.45	-1.50	20.95	<=30	Pass	
		50	0	22.51	-1.50	21.01	<=30	Pass	
	1750	1	0	23.75	-1.50	22.25	<=30	Pass	
			25	23.61	-1.50	22.11	<=30	Pass	
			49	23.50	-1.50	22.00	<=30	Pass	
		25	0	22.52	-1.50	21.02	<=30	Pass	
			13	22.52	-1.50	21.02	<=30	Pass	
			25	22.44	-1.50	20.94	<=30	Pass	
		50	0	22.49	-1.50	20.99	<=30	Pass	
256QAM	1715	1	0	20.60	-1.50	19.10	<=30	Pass	
			25	20.71	-1.50	19.21	<=30	Pass	

			49	20.34	-1.50	18.84	<=30	Pass
		25	0	20.39	-1.50	18.89	<=30	Pass
			13	20.49	-1.50	18.99	<=30	Pass
			25	20.36	-1.50	18.86	<=30	Pass
		50	0	20.42	-1.50	18.92	<=30	Pass
	1732.5	1	0	20.45	-1.50	18.95	<=30	Pass
			25	20.59	-1.50	19.09	<=30	Pass
			49	20.56	-1.50	19.06	<=30	Pass
		25	0	20.33	-1.50	18.83	<=30	Pass
			13	20.48	-1.50	18.98	<=30	Pass
			25	20.44	-1.50	18.94	<=30	Pass
		50	0	20.44	-1.50	18.94	<=30	Pass
	1750	1	0	20.61	-1.50	19.11	<=30	Pass
			25	20.63	-1.50	19.13	<=30	Pass
			49	20.53	-1.50	19.03	<=30	Pass
		25	0	20.43	-1.50	18.93	<=30	Pass
			13	20.49	-1.50	18.99	<=30	Pass
			25	20.36	-1.50	18.86	<=30	Pass
		50	0	20.45	-1.50	18.95	<=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	25.40	-1.50	23.90	<=30	Pass
			38	25.21	-1.50	23.71	<=30	Pass
			74	25.11	-1.50	23.61	<=30	Pass
		36	0	24.35	-1.50	22.85	<=30	Pass
			18	24.33	-1.50	22.83	<=30	Pass
			39	24.30	-1.50	22.80	<=30	Pass
		75	0	24.34	-1.50	22.84	<=30	Pass
	1732.5	1	0	25.30	-1.50	23.80	<=30	Pass
			38	25.32	-1.50	23.82	<=30	Pass
			74	25.35	-1.50	23.85	<=30	Pass
		36	0	24.28	-1.50	22.78	<=30	Pass
			18	24.40	-1.50	22.90	<=30	Pass
			39	24.42	-1.50	22.92	<=30	Pass
		75	0	24.35	-1.50	22.85	<=30	Pass
	1747.5	1	0	25.49	-1.50	23.99	<=30	Pass
			38	25.36	-1.50	23.86	<=30	Pass
			74	25.27	-1.50	23.77	<=30	Pass
		36	0	24.44	-1.50	22.94	<=30	Pass
			18	24.41	-1.50	22.91	<=30	Pass
			39	24.37	-1.50	22.87	<=30	Pass
		75	0	24.36	-1.50	22.86	<=30	Pass
16QAM	1717.5	1	0	24.52	-1.50	23.02	<=30	Pass
			38	24.41	-1.50	22.91	<=30	Pass
			74	24.42	-1.50	22.92	<=30	Pass
		36	0	23.38	-1.50	21.88	<=30	Pass
			18	23.39	-1.50	21.89	<=30	Pass
			39	23.30	-1.50	21.80	<=30	Pass
		75	0	23.37	-1.50	21.87	<=30	Pass
	1732.5	1	0	24.38	-1.50	22.88	<=30	Pass
			38	24.53	-1.50	23.03	<=30	Pass
			74	24.48	-1.50	22.98	<=30	Pass

		36	0	23.28	-1.50	21.78	<=30	Pass	
			18	23.35	-1.50	21.85	<=30	Pass	
			39	23.41	-1.50	21.91	<=30	Pass	
		75	0	23.38	-1.50	21.88	<=30	Pass	
	1747.5	1	0	24.58	-1.50	23.08	<=30	Pass	
			38	24.52	-1.50	23.02	<=30	Pass	
			74	24.28	-1.50	22.78	<=30	Pass	
		36	0	23.48	-1.50	21.98	<=30	Pass	
			18	23.42	-1.50	21.92	<=30	Pass	
			39	23.39	-1.50	21.89	<=30	Pass	
75		0	23.36	-1.50	21.86	<=30	Pass		
64QAM		1717.5	1	0	23.56	-1.50	22.06	<=30	Pass
	38			23.45	-1.50	21.95	<=30	Pass	
	74			23.29	-1.50	21.79	<=30	Pass	
	36		0	22.35	-1.50	20.85	<=30	Pass	
			18	22.39	-1.50	20.89	<=30	Pass	
			39	22.29	-1.50	20.79	<=30	Pass	
	75		0	22.39	-1.50	20.89	<=30	Pass	
	1732.5	1	0	23.55	-1.50	22.05	<=30	Pass	
			38	23.55	-1.50	22.05	<=30	Pass	
			74	23.54	-1.50	22.04	<=30	Pass	
		36	0	22.30	-1.50	20.80	<=30	Pass	
			18	22.42	-1.50	20.92	<=30	Pass	
			39	22.44	-1.50	20.94	<=30	Pass	
		75	0	22.40	-1.50	20.90	<=30	Pass	
	1747.5	1	0	23.61	-1.50	22.11	<=30	Pass	
			38	23.65	-1.50	22.15	<=30	Pass	
			74	23.46	-1.50	21.96	<=30	Pass	
		36	0	22.46	-1.50	20.96	<=30	Pass	
			18	22.44	-1.50	20.94	<=30	Pass	
			39	22.36	-1.50	20.86	<=30	Pass	
		75	0	22.34	-1.50	20.84	<=30	Pass	
	256QAM	1717.5	1	0	20.53	-1.50	19.03	<=30	Pass
				38	20.52	-1.50	19.02	<=30	Pass
				74	20.33	-1.50	18.83	<=30	Pass
			36	0	20.35	-1.50	18.85	<=30	Pass
				18	20.42	-1.50	18.92	<=30	Pass
				39	20.27	-1.50	18.77	<=30	Pass
			75	0	20.35	-1.50	18.85	<=30	Pass
1732.5		1	0	20.40	-1.50	18.90	<=30	Pass	
			38	20.57	-1.50	19.07	<=30	Pass	
			74	20.43	-1.50	18.93	<=30	Pass	
		36	0	20.24	-1.50	18.74	<=30	Pass	
			18	20.39	-1.50	18.89	<=30	Pass	
			39	20.42	-1.50	18.92	<=30	Pass	
		75	0	20.37	-1.50	18.87	<=30	Pass	
1747.5		1	0	20.52	-1.50	19.02	<=30	Pass	
			38	20.56	-1.50	19.06	<=30	Pass	
			74	20.38	-1.50	18.88	<=30	Pass	
		36	0	20.42	-1.50	18.92	<=30	Pass	
			18	20.43	-1.50	18.93	<=30	Pass	
			39	20.40	-1.50	18.90	<=30	Pass	
		75	0	20.37	-1.50	18.87	<=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	25.44	-1.50	23.94	<=30	Pass
			50	25.29	-1.50	23.79	<=30	Pass
			99	25.18	-1.50	23.68	<=30	Pass
		50	0	24.33	-1.50	22.83	<=30	Pass
			25	24.32	-1.50	22.82	<=30	Pass
			50	24.29	-1.50	22.79	<=30	Pass
		100	0	24.33	-1.50	22.83	<=30	Pass
	1732.5	1	0	25.12	-1.50	23.62	<=30	Pass
			50	25.31	-1.50	23.81	<=30	Pass
			99	25.31	-1.50	23.81	<=30	Pass
		50	0	24.30	-1.50	22.80	<=30	Pass
			25	24.43	-1.50	22.93	<=30	Pass
			50	24.43	-1.50	22.93	<=30	Pass
		100	0	24.39	-1.50	22.89	<=30	Pass
	1745	1	0	25.28	-1.50	23.78	<=30	Pass
			50	25.38	-1.50	23.88	<=30	Pass
			99	25.08	-1.50	23.58	<=30	Pass
		50	0	24.39	-1.50	22.89	<=30	Pass
			25	24.55	-1.50	23.05	<=30	Pass
			50	24.44	-1.50	22.94	<=30	Pass
		100	0	24.46	-1.50	22.96	<=30	Pass
16QAM	1720	1	0	24.48	-1.50	22.98	<=30	Pass
			50	24.46	-1.50	22.96	<=30	Pass
			99	24.39	-1.50	22.89	<=30	Pass
		50	0	23.29	-1.50	21.79	<=30	Pass
			25	23.34	-1.50	21.84	<=30	Pass
			50	23.28	-1.50	21.78	<=30	Pass
		100	0	23.37	-1.50	21.87	<=30	Pass
	1732.5	1	0	24.19	-1.50	22.69	<=30	Pass
			50	24.43	-1.50	22.93	<=30	Pass
			99	24.34	-1.50	22.84	<=30	Pass
		50	0	23.29	-1.50	21.79	<=30	Pass
			25	23.40	-1.50	21.90	<=30	Pass
			50	23.43	-1.50	21.93	<=30	Pass
		100	0	23.42	-1.50	21.92	<=30	Pass
	1745	1	0	24.73	-1.50	23.23	<=30	Pass
			50	24.76	-1.50	23.26	<=30	Pass
			99	24.34	-1.50	22.84	<=30	Pass
		50	0	23.47	-1.50	21.97	<=30	Pass
			25	23.53	-1.50	22.03	<=30	Pass
			50	23.44	-1.50	21.94	<=30	Pass
		100	0	23.49	-1.50	21.99	<=30	Pass
64QAM	1720	1	0	23.58	-1.50	22.08	<=30	Pass
			50	23.51	-1.50	22.01	<=30	Pass
			99	23.44	-1.50	21.94	<=30	Pass
		50	0	22.36	-1.50	20.86	<=30	Pass
			25	22.35	-1.50	20.85	<=30	Pass
			50	22.31	-1.50	20.81	<=30	Pass
		100	0	22.36	-1.50	20.86	<=30	Pass
	1732.5	1	0	23.52	-1.50	22.02	<=30	Pass
			50	23.67	-1.50	22.17	<=30	Pass
			99	23.65	-1.50	22.15	<=30	Pass

		50	0	22.31	-1.50	20.81	<=30	Pass	
			25	22.42	-1.50	20.92	<=30	Pass	
			50	22.46	-1.50	20.96	<=30	Pass	
		100	0	22.39	-1.50	20.89	<=30	Pass	
	1745		1	0	23.64	-1.50	22.14	<=30	Pass
				50	23.69	-1.50	22.19	<=30	Pass
		99		23.42	-1.50	21.92	<=30	Pass	
		50	0	22.44	-1.50	20.94	<=30	Pass	
			25	22.53	-1.50	21.03	<=30	Pass	
			50	22.41	-1.50	20.91	<=30	Pass	
	100	0	22.50	-1.50	21.00	<=30	Pass		
	256QAM	1720	1	0	20.62	-1.50	19.12	<=30	Pass
50				20.61	-1.50	19.11	<=30	Pass	
99				20.40	-1.50	18.90	<=30	Pass	
50			0	20.32	-1.50	18.82	<=30	Pass	
			25	20.31	-1.50	18.81	<=30	Pass	
			50	20.27	-1.50	18.77	<=30	Pass	
100			0	20.32	-1.50	18.82	<=30	Pass	
1732.5		1	0	20.34	-1.50	18.84	<=30	Pass	
			50	20.56	-1.50	19.06	<=30	Pass	
			99	20.47	-1.50	18.97	<=30	Pass	
		50	0	20.31	-1.50	18.81	<=30	Pass	
			25	20.40	-1.50	18.90	<=30	Pass	
			50	20.44	-1.50	18.94	<=30	Pass	
		100	0	20.38	-1.50	18.88	<=30	Pass	
1745		1	0	20.51	-1.50	19.01	<=30	Pass	
			50	20.65	-1.50	19.15	<=30	Pass	
			99	20.44	-1.50	18.94	<=30	Pass	
		50	0	20.45	-1.50	18.95	<=30	Pass	
			25	20.49	-1.50	18.99	<=30	Pass	
			50	20.44	-1.50	18.94	<=30	Pass	
		100	0	20.46	-1.50	18.96	<=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	3.6	-1.196	-0.0007	-2.5 to 2.5	Pass
					3.91	-2.492	-0.0015	-2.5 to 2.5	Pass
					4.3	-5.187	-0.0030	-2.5 to 2.5	Pass
				-30	3.91	-4.712	-0.0028	-2.5 to 2.5	Pass
				-20	3.91	-6.676	-0.0039	-2.5 to 2.5	Pass
				-10	3.91	-7.182	-0.0042	-2.5 to 2.5	Pass
				0	3.91	-11.164	-0.0065	-2.5 to 2.5	Pass
				10	3.91	-13.325	-0.0078	-2.5 to 2.5	Pass
				30	3.91	-16.520	-0.0097	-2.5 to 2.5	Pass
				40	3.91	-19.481	-0.0114	-2.5 to 2.5	Pass
				50	3.91	-16.429	-0.0096	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.6	11.721	0.0068	-2.5 to 2.5	Pass
					3.91	13.672	0.0079	-2.5 to 2.5	Pass
					4.3	11.518	0.0066	-2.5 to 2.5	Pass
				-30	3.91	11.759	0.0068	-2.5 to 2.5	Pass
				-20	3.91	11.531	0.0067	-2.5 to 2.5	Pass
				-10	3.91	9.840	0.0057	-2.5 to 2.5	Pass
				0	3.91	7.224	0.0042	-2.5 to 2.5	Pass
				10	3.91	7.095	0.0041	-2.5 to 2.5	Pass
				30	3.91	4.132	0.0024	-2.5 to 2.5	Pass
				40	3.91	4.669	0.0027	-2.5 to 2.5	Pass
				50	3.91	3.167	0.0018	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.6	-10.233	-0.0058	-2.5 to 2.5	Pass
					3.91	-13.122	-0.0075	-2.5 to 2.5	Pass
					4.3	-15.392	-0.0088	-2.5 to 2.5	Pass
				-30	3.91	-16.982	-0.0097	-2.5 to 2.5	Pass
				-20	3.91	-15.465	-0.0088	-2.5 to 2.5	Pass
				-10	3.91	-14.929	-0.0085	-2.5 to 2.5	Pass
				0	3.91	-11.002	-0.0063	-2.5 to 2.5	Pass
				10	3.91	-9.345	-0.0053	-2.5 to 2.5	Pass
				30	3.91	-6.435	-0.0037	-2.5 to 2.5	Pass
				40	3.91	-4.069	-0.0023	-2.5 to 2.5	Pass
				50	3.91	-3.456	-0.0020	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.6	-14.340	-0.0084	-2.5 to 2.5	Pass
					3.91	-10.769	-0.0063	-2.5 to 2.5	Pass
					4.3	-8.324	-0.0049	-2.5 to 2.5	Pass
				-30	3.91	-4.014	-0.0023	-2.5 to 2.5	Pass
				-20	3.91	-4.335	-0.0025	-2.5 to 2.5	Pass
				-10	3.91	-2.740	-0.0016	-2.5 to 2.5	Pass
				0	3.91	-1.341	-0.0008	-2.5 to 2.5	Pass
				10	3.91	-1.389	-0.0008	-2.5 to 2.5	Pass
				30	3.91	-0.875	-0.0005	-2.5 to 2.5	Pass
				40	3.91	0.043	0.0000	-2.5 to 2.5	Pass
				50	3.91	-0.317	-0.0002	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.6	2.913	0.0017	-2.5 to 2.5	Pass
					3.91	1.946	0.0011	-2.5 to 2.5	Pass
					4.3	1.398	0.0008	-2.5 to 2.5	Pass

				-30	3.91	1.786	0.0010	-2.5 to 2.5	Pass
				-20	3.91	1.165	0.0007	-2.5 to 2.5	Pass
				-10	3.91	0.851	0.0005	-2.5 to 2.5	Pass
				0	3.91	1.167	0.0007	-2.5 to 2.5	Pass
				10	3.91	1.068	0.0006	-2.5 to 2.5	Pass
				30	3.91	-0.293	-0.0002	-2.5 to 2.5	Pass
				40	3.91	0.355	0.0002	-2.5 to 2.5	Pass
				50	3.91	1.012	0.0006	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.6	-2.441	-0.0014	-2.5 to 2.5	Pass
					3.91	-2.204	-0.0013	-2.5 to 2.5	Pass
					4.3	-1.174	-0.0007	-2.5 to 2.5	Pass
				-30	3.91	-1.806	-0.0010	-2.5 to 2.5	Pass
				-20	3.91	-0.841	-0.0005	-2.5 to 2.5	Pass
				-10	3.91	-1.105	-0.0006	-2.5 to 2.5	Pass
				0	3.91	1.058	0.0006	-2.5 to 2.5	Pass
				10	3.91	-0.554	-0.0003	-2.5 to 2.5	Pass
				30	3.91	-0.506	-0.0003	-2.5 to 2.5	Pass
				40	3.91	-1.195	-0.0007	-2.5 to 2.5	Pass
				50	3.91	-0.650	-0.0004	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	20	3.6	-0.283	-0.0002	-2.5 to 2.5	Pass
					3.91	-0.348	-0.0002	-2.5 to 2.5	Pass
					4.3	0.306	0.0002	-2.5 to 2.5	Pass
				-30	3.91	-0.127	-0.0001	-2.5 to 2.5	Pass
				-20	3.91	-0.976	-0.0006	-2.5 to 2.5	Pass
				-10	3.91	-1.075	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-0.064	0.0000	-2.5 to 2.5	Pass
				10	3.91	-0.482	-0.0003	-2.5 to 2.5	Pass
				30	3.91	0.148	0.0001	-2.5 to 2.5	Pass
				40	3.91	-0.556	-0.0003	-2.5 to 2.5	Pass
				50	3.91	-0.509	-0.0003	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.6	1.138	0.0007	-2.5 to 2.5	Pass
					3.91	1.799	0.0010	-2.5 to 2.5	Pass
					4.3	-0.281	-0.0002	-2.5 to 2.5	Pass
				-30	3.91	1.178	0.0007	-2.5 to 2.5	Pass
				-20	3.91	0.860	0.0005	-2.5 to 2.5	Pass
				-10	3.91	0.988	0.0006	-2.5 to 2.5	Pass
				0	3.91	0.124	0.0001	-2.5 to 2.5	Pass
				10	3.91	1.626	0.0009	-2.5 to 2.5	Pass
				30	3.91	0.734	0.0004	-2.5 to 2.5	Pass
				40	3.91	1.197	0.0007	-2.5 to 2.5	Pass
				50	3.91	1.828	0.0011	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.6	-0.724	-0.0004	-2.5 to 2.5	Pass
					3.91	0.211	0.0001	-2.5 to 2.5	Pass
					4.3	-1.264	-0.0007	-2.5 to 2.5	Pass
				-30	3.91	1.498	0.0009	-2.5 to 2.5	Pass
				-20	3.91	1.794	0.0010	-2.5 to 2.5	Pass
				-10	3.91	-0.077	0.0000	-2.5 to 2.5	Pass
				0	3.91	1.311	0.0007	-2.5 to 2.5	Pass
				10	3.91	1.006	0.0006	-2.5 to 2.5	Pass
				30	3.91	0.621	0.0004	-2.5 to 2.5	Pass
				40	3.91	-0.068	0.0000	-2.5 to 2.5	Pass
256QAM	1710.7	6	0	20	3.6	0.652	0.0004	-2.5 to 2.5	Pass
					3.91	-0.355	-0.0002	-2.5 to 2.5	Pass
					4.3	-0.589	-0.0003	-2.5 to 2.5	Pass
				-30	3.91	1.013	0.0006	-2.5 to 2.5	Pass
				-20	3.91	0.762	0.0004	-2.5 to 2.5	Pass
				-10	3.91	-0.317	-0.0002	-2.5 to 2.5	Pass
				0	3.91	-0.090	-0.0001	-2.5 to 2.5	Pass

				10	3.91	0.101	0.0001	-2.5 to 2.5	Pass
				30	3.91	0.977	0.0006	-2.5 to 2.5	Pass
				40	3.91	1.603	0.0009	-2.5 to 2.5	Pass
				50	3.91	-0.533	-0.0003	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.6	0.988	0.0006	-2.5 to 2.5	Pass
					3.91	-0.145	-0.0001	-2.5 to 2.5	Pass
					4.3	2.120	0.0012	-2.5 to 2.5	Pass
				-30	3.91	0.207	0.0001	-2.5 to 2.5	Pass
				-20	3.91	0.772	0.0004	-2.5 to 2.5	Pass
				-10	3.91	1.395	0.0008	-2.5 to 2.5	Pass
				0	3.91	1.409	0.0008	-2.5 to 2.5	Pass
				10	3.91	0.812	0.0005	-2.5 to 2.5	Pass
				30	3.91	1.822	0.0011	-2.5 to 2.5	Pass
				40	3.91	-0.164	-0.0001	-2.5 to 2.5	Pass
				50	3.91	2.462	0.0014	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.6	0.945	0.0005	-2.5 to 2.5	Pass
					3.91	0.224	0.0001	-2.5 to 2.5	Pass
					4.3	0.539	0.0003	-2.5 to 2.5	Pass
				-30	3.91	1.621	0.0009	-2.5 to 2.5	Pass
				-20	3.91	-0.759	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	0.510	0.0003	-2.5 to 2.5	Pass
				0	3.91	0.667	0.0004	-2.5 to 2.5	Pass
				10	3.91	1.530	0.0009	-2.5 to 2.5	Pass
				30	3.91	0.317	0.0002	-2.5 to 2.5	Pass
				40	3.91	1.188	0.0007	-2.5 to 2.5	Pass
				50	3.91	0.623	0.0004	-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	3.6	-0.757	-0.0004	-2.5 to 2.5	Pass
					3.91	-0.400	-0.0002	-2.5 to 2.5	Pass
					4.3	-0.471	-0.0003	-2.5 to 2.5	Pass
				-30	3.91	-0.934	-0.0005	-2.5 to 2.5	Pass
				-20	3.91	-0.103	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	-1.576	-0.0009	-2.5 to 2.5	Pass
				0	3.91	0.043	0.0000	-2.5 to 2.5	Pass
				10	3.91	-0.342	-0.0002	-2.5 to 2.5	Pass
				30	3.91	-1.855	-0.0011	-2.5 to 2.5	Pass
				40	3.91	-0.396	-0.0002	-2.5 to 2.5	Pass
				50	3.91	0.060	0.0000	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.6	1.512	0.0009	-2.5 to 2.5	Pass
					3.91	1.298	0.0007	-2.5 to 2.5	Pass
					4.3	0.551	0.0003	-2.5 to 2.5	Pass
				-30	3.91	0.492	0.0003	-2.5 to 2.5	Pass
				-20	3.91	-0.848	-0.0005	-2.5 to 2.5	Pass
				-10	3.91	-0.072	0.0000	-2.5 to 2.5	Pass
				0	3.91	-0.186	-0.0001	-2.5 to 2.5	Pass
				10	3.91	0.705	0.0004	-2.5 to 2.5	Pass
				30	3.91	0.148	0.0001	-2.5 to 2.5	Pass
				40	3.91	-1.139	-0.0007	-2.5 to 2.5	Pass
				50	3.91	0.982	0.0006	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.6	0.870	0.0005	-2.5 to 2.5	Pass
					3.91	1.287	0.0007	-2.5 to 2.5	Pass
					4.3	0.795	0.0005	-2.5 to 2.5	Pass

				-30	3.91	0.593	0.0003	-2.5 to 2.5	Pass
				-20	3.91	1.670	0.0010	-2.5 to 2.5	Pass
				-10	3.91	0.716	0.0004	-2.5 to 2.5	Pass
				0	3.91	-0.654	-0.0004	-2.5 to 2.5	Pass
				10	3.91	-0.698	-0.0004	-2.5 to 2.5	Pass
				30	3.91	1.174	0.0007	-2.5 to 2.5	Pass
				40	3.91	0.793	0.0005	-2.5 to 2.5	Pass
				50	3.91	0.496	0.0003	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.6	-0.149	-0.0001	-2.5 to 2.5	Pass
					3.91	0.395	0.0002	-2.5 to 2.5	Pass
					4.3	0.098	0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.349	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	-0.163	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	0.430	0.0003	-2.5 to 2.5	Pass
				0	3.91	0.666	0.0004	-2.5 to 2.5	Pass
				10	3.91	-0.047	0.0000	-2.5 to 2.5	Pass
				30	3.91	0.507	0.0003	-2.5 to 2.5	Pass
				40	3.91	0.170	0.0001	-2.5 to 2.5	Pass
				50	3.91	-1.070	-0.0006	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.6	0.045	0.0000	-2.5 to 2.5	Pass
					3.91	0.531	0.0003	-2.5 to 2.5	Pass
					4.3	1.325	0.0008	-2.5 to 2.5	Pass
				-30	3.91	-1.046	-0.0006	-2.5 to 2.5	Pass
				-20	3.91	0.260	0.0002	-2.5 to 2.5	Pass
				-10	3.91	0.928	0.0005	-2.5 to 2.5	Pass
				0	3.91	-0.045	0.0000	-2.5 to 2.5	Pass
				10	3.91	1.302	0.0008	-2.5 to 2.5	Pass
				30	3.91	0.011	0.0000	-2.5 to 2.5	Pass
				40	3.91	0.212	0.0001	-2.5 to 2.5	Pass
				50	3.91	0.282	0.0002	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.6	-0.359	-0.0002	-2.5 to 2.5	Pass
					3.91	-0.365	-0.0002	-2.5 to 2.5	Pass
					4.3	1.449	0.0008	-2.5 to 2.5	Pass
				-30	3.91	0.064	0.0000	-2.5 to 2.5	Pass
				-20	3.91	1.275	0.0007	-2.5 to 2.5	Pass
				-10	3.91	1.461	0.0008	-2.5 to 2.5	Pass
				0	3.91	-0.325	-0.0002	-2.5 to 2.5	Pass
				10	3.91	0.258	0.0001	-2.5 to 2.5	Pass
				30	3.91	1.428	0.0008	-2.5 to 2.5	Pass
				40	3.91	0.575	0.0003	-2.5 to 2.5	Pass
				50	3.91	0.582	0.0003	-2.5 to 2.5	Pass
64QAM	1711.5	15	0	20	3.6	0.035	0.0000	-2.5 to 2.5	Pass
					3.91	0.234	0.0001	-2.5 to 2.5	Pass
					4.3	-0.754	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	-0.669	-0.0004	-2.5 to 2.5	Pass
				-20	3.91	-0.197	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	0.563	0.0003	-2.5 to 2.5	Pass
				0	3.91	0.143	0.0001	-2.5 to 2.5	Pass
				10	3.91	-0.993	-0.0006	-2.5 to 2.5	Pass
				30	3.91	-0.751	-0.0004	-2.5 to 2.5	Pass
				40	3.91	-1.287	-0.0008	-2.5 to 2.5	Pass
				50	3.91	-0.081	0.0000	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.6	0.640	0.0004	-2.5 to 2.5	Pass
					3.91	-0.282	-0.0002	-2.5 to 2.5	Pass
					4.3	0.081	0.0000	-2.5 to 2.5	Pass
				-30	3.91	1.088	0.0006	-2.5 to 2.5	Pass
				-20	3.91	0.693	0.0004	-2.5 to 2.5	Pass
				-10	3.91	1.024	0.0006	-2.5 to 2.5	Pass
				0	3.91	1.263	0.0007	-2.5 to 2.5	Pass

				10	3.91	0.964	0.0006	-2.5 to 2.5	Pass
				30	3.91	1.552	0.0009	-2.5 to 2.5	Pass
				40	3.91	2.084	0.0012	-2.5 to 2.5	Pass
				50	3.91	1.496	0.0009	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.6	0.965	0.0006	-2.5 to 2.5	Pass
					3.91	0.821	0.0005	-2.5 to 2.5	Pass
					4.3	0.525	0.0003	-2.5 to 2.5	Pass
				-30	3.91	1.412	0.0008	-2.5 to 2.5	Pass
				-20	3.91	0.341	0.0002	-2.5 to 2.5	Pass
				-10	3.91	1.056	0.0006	-2.5 to 2.5	Pass
				0	3.91	-0.445	-0.0003	-2.5 to 2.5	Pass
				10	3.91	0.576	0.0003	-2.5 to 2.5	Pass
				30	3.91	-0.159	-0.0001	-2.5 to 2.5	Pass
				40	3.91	1.792	0.0010	-2.5 to 2.5	Pass
				50	3.91	1.239	0.0007	-2.5 to 2.5	Pass
256QAM	1711.5	15	0	20	3.6	0.475	0.0003	-2.5 to 2.5	Pass
					3.91	-0.349	-0.0002	-2.5 to 2.5	Pass
					4.3	-0.662	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	0.389	0.0002	-2.5 to 2.5	Pass
				-20	3.91	1.237	0.0007	-2.5 to 2.5	Pass
				-10	3.91	0.996	0.0006	-2.5 to 2.5	Pass
				0	3.91	-0.074	0.0000	-2.5 to 2.5	Pass
				10	3.91	0.057	0.0000	-2.5 to 2.5	Pass
				30	3.91	0.544	0.0003	-2.5 to 2.5	Pass
				40	3.91	-0.284	-0.0002	-2.5 to 2.5	Pass
				50	3.91	0.573	0.0003	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.6	1.246	0.0007	-2.5 to 2.5	Pass
					3.91	1.049	0.0006	-2.5 to 2.5	Pass
					4.3	0.044	0.0000	-2.5 to 2.5	Pass
				-30	3.91	1.923	0.0011	-2.5 to 2.5	Pass
				-20	3.91	0.743	0.0004	-2.5 to 2.5	Pass
				-10	3.91	0.225	0.0001	-2.5 to 2.5	Pass
				0	3.91	1.472	0.0008	-2.5 to 2.5	Pass
				10	3.91	0.197	0.0001	-2.5 to 2.5	Pass
				30	3.91	1.527	0.0009	-2.5 to 2.5	Pass
				40	3.91	0.883	0.0005	-2.5 to 2.5	Pass
				50	3.91	1.035	0.0006	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.6	0.732	0.0004	-2.5 to 2.5	Pass
					3.91	2.023	0.0012	-2.5 to 2.5	Pass
					4.3	-0.594	-0.0003	-2.5 to 2.5	Pass
				-30	3.91	0.366	0.0002	-2.5 to 2.5	Pass
				-20	3.91	1.669	0.0010	-2.5 to 2.5	Pass
				-10	3.91	1.034	0.0006	-2.5 to 2.5	Pass
				0	3.91	0.154	0.0001	-2.5 to 2.5	Pass
				10	3.91	1.529	0.0009	-2.5 to 2.5	Pass
				30	3.91	1.147	0.0007	-2.5 to 2.5	Pass
				40	3.91	0.256	0.0001	-2.5 to 2.5	Pass
				50	3.91	0.693	0.0004	-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	3.6	-1.936	-0.0011	-2.5 to 2.5	Pass
					3.91	-1.667	-0.0010	-2.5 to 2.5	Pass
					4.3	-1.573	-0.0009	-2.5 to 2.5	Pass

				-30	3.91	-1.434	-0.0008	-2.5 to 2.5	Pass
				-20	3.91	-2.634	-0.0015	-2.5 to 2.5	Pass
				-10	3.91	-1.652	-0.0010	-2.5 to 2.5	Pass
				0	3.91	-2.960	-0.0017	-2.5 to 2.5	Pass
				10	3.91	-0.474	-0.0003	-2.5 to 2.5	Pass
				30	3.91	-2.096	-0.0012	-2.5 to 2.5	Pass
				40	3.91	-0.534	-0.0003	-2.5 to 2.5	Pass
				50	3.91	-0.978	-0.0006	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.6	2.346	0.0014	-2.5 to 2.5	Pass
					3.91	2.040	0.0012	-2.5 to 2.5	Pass
					4.3	2.294	0.0013	-2.5 to 2.5	Pass
				-30	3.91	3.041	0.0018	-2.5 to 2.5	Pass
				-20	3.91	2.043	0.0012	-2.5 to 2.5	Pass
				-10	3.91	2.628	0.0015	-2.5 to 2.5	Pass
				0	3.91	2.655	0.0015	-2.5 to 2.5	Pass
				10	3.91	2.453	0.0014	-2.5 to 2.5	Pass
				30	3.91	1.301	0.0008	-2.5 to 2.5	Pass
				40	3.91	2.262	0.0013	-2.5 to 2.5	Pass
				50	3.91	2.294	0.0013	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.6	0.219	0.0001	-2.5 to 2.5	Pass
					3.91	-0.723	-0.0004	-2.5 to 2.5	Pass
					4.3	1.088	0.0006	-2.5 to 2.5	Pass
				-30	3.91	-1.619	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	0.700	0.0004	-2.5 to 2.5	Pass
				-10	3.91	-0.909	-0.0005	-2.5 to 2.5	Pass
				0	3.91	-0.072	0.0000	-2.5 to 2.5	Pass
				10	3.91	-1.009	-0.0006	-2.5 to 2.5	Pass
				30	3.91	-1.093	-0.0006	-2.5 to 2.5	Pass
				40	3.91	0.986	0.0006	-2.5 to 2.5	Pass
				50	3.91	1.618	0.0009	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.6	-0.999	-0.0006	-2.5 to 2.5	Pass
					3.91	-1.673	-0.0010	-2.5 to 2.5	Pass
					4.3	-1.283	-0.0007	-2.5 to 2.5	Pass
				-30	3.91	-0.236	-0.0001	-2.5 to 2.5	Pass
				-20	3.91	-0.163	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	-1.047	-0.0006	-2.5 to 2.5	Pass
				0	3.91	0.023	0.0000	-2.5 to 2.5	Pass
				10	3.91	-1.135	-0.0007	-2.5 to 2.5	Pass
				30	3.91	-0.148	-0.0001	-2.5 to 2.5	Pass
				40	3.91	-0.450	-0.0003	-2.5 to 2.5	Pass
				50	3.91	0.848	0.0005	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.6	2.819	0.0016	-2.5 to 2.5	Pass
					3.91	2.995	0.0017	-2.5 to 2.5	Pass
					4.3	2.422	0.0014	-2.5 to 2.5	Pass
				-30	3.91	2.384	0.0014	-2.5 to 2.5	Pass
				-20	3.91	2.258	0.0013	-2.5 to 2.5	Pass
				-10	3.91	2.545	0.0015	-2.5 to 2.5	Pass
				0	3.91	1.936	0.0011	-2.5 to 2.5	Pass
				10	3.91	1.413	0.0008	-2.5 to 2.5	Pass
				30	3.91	2.053	0.0012	-2.5 to 2.5	Pass
				40	3.91	1.196	0.0007	-2.5 to 2.5	Pass
				50	3.91	1.473	0.0009	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.6	0.066	0.0000	-2.5 to 2.5	Pass
					3.91	0.310	0.0002	-2.5 to 2.5	Pass
					4.3	-0.102	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	0.308	0.0002	-2.5 to 2.5	Pass
				-20	3.91	1.117	0.0006	-2.5 to 2.5	Pass
				-10	3.91	0.221	0.0001	-2.5 to 2.5	Pass
				0	3.91	0.106	0.0001	-2.5 to 2.5	Pass

				10	3.91	-0.643	-0.0004	-2.5 to 2.5	Pass
				30	3.91	-1.220	-0.0007	-2.5 to 2.5	Pass
				40	3.91	-1.639	-0.0009	-2.5 to 2.5	Pass
				50	3.91	-0.170	-0.0001	-2.5 to 2.5	Pass
64QAM	1712.5	25	0	20	3.6	-0.311	-0.0002	-2.5 to 2.5	Pass
					3.91	-0.553	-0.0003	-2.5 to 2.5	Pass
					4.3	-0.349	-0.0002	-2.5 to 2.5	Pass
				-30	3.91	0.333	0.0002	-2.5 to 2.5	Pass
				-20	3.91	-0.230	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	-0.128	-0.0001	-2.5 to 2.5	Pass
				0	3.91	0.088	0.0001	-2.5 to 2.5	Pass
				10	3.91	-0.445	-0.0003	-2.5 to 2.5	Pass
				30	3.91	-1.166	-0.0007	-2.5 to 2.5	Pass
				40	3.91	0.080	0.0000	-2.5 to 2.5	Pass
				50	3.91	-0.480	-0.0003	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.6	1.630	0.0009	-2.5 to 2.5	Pass
					3.91	2.011	0.0012	-2.5 to 2.5	Pass
					4.3	1.293	0.0007	-2.5 to 2.5	Pass
				-30	3.91	2.391	0.0014	-2.5 to 2.5	Pass
				-20	3.91	0.656	0.0004	-2.5 to 2.5	Pass
				-10	3.91	0.956	0.0006	-2.5 to 2.5	Pass
				0	3.91	2.515	0.0015	-2.5 to 2.5	Pass
				10	3.91	1.681	0.0010	-2.5 to 2.5	Pass
				30	3.91	1.552	0.0009	-2.5 to 2.5	Pass
				40	3.91	2.051	0.0012	-2.5 to 2.5	Pass
				50	3.91	1.098	0.0006	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.6	-1.440	-0.0008	-2.5 to 2.5	Pass
					3.91	-0.860	-0.0005	-2.5 to 2.5	Pass
					4.3	-0.795	-0.0005	-2.5 to 2.5	Pass
				-30	3.91	0.451	0.0003	-2.5 to 2.5	Pass
				-20	3.91	-1.085	-0.0006	-2.5 to 2.5	Pass
				-10	3.91	-0.756	-0.0004	-2.5 to 2.5	Pass
				0	3.91	-0.553	-0.0003	-2.5 to 2.5	Pass
				10	3.91	0.414	0.0002	-2.5 to 2.5	Pass
				30	3.91	-1.539	-0.0009	-2.5 to 2.5	Pass
				40	3.91	-1.136	-0.0006	-2.5 to 2.5	Pass
				50	3.91	0.302	0.0002	-2.5 to 2.5	Pass
256QAM	1712.5	25	0	20	3.6	-1.461	-0.0009	-2.5 to 2.5	Pass
					3.91	-0.197	-0.0001	-2.5 to 2.5	Pass
					4.3	-0.754	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	0.038	0.0000	-2.5 to 2.5	Pass
				-20	3.91	0.083	0.0000	-2.5 to 2.5	Pass
				-10	3.91	0.380	0.0002	-2.5 to 2.5	Pass
				0	3.91	-2.041	-0.0012	-2.5 to 2.5	Pass
				10	3.91	-1.320	-0.0008	-2.5 to 2.5	Pass
				30	3.91	-1.566	-0.0009	-2.5 to 2.5	Pass
				40	3.91	-0.508	-0.0003	-2.5 to 2.5	Pass
				50	3.91	-0.056	0.0000	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.6	1.107	0.0006	-2.5 to 2.5	Pass
					3.91	-0.247	-0.0001	-2.5 to 2.5	Pass
					4.3	2.039	0.0012	-2.5 to 2.5	Pass
				-30	3.91	0.761	0.0004	-2.5 to 2.5	Pass
				-20	3.91	1.476	0.0009	-2.5 to 2.5	Pass
				-10	3.91	1.068	0.0006	-2.5 to 2.5	Pass
				0	3.91	0.189	0.0001	-2.5 to 2.5	Pass
				10	3.91	1.105	0.0006	-2.5 to 2.5	Pass
				30	3.91	2.228	0.0013	-2.5 to 2.5	Pass
				40	3.91	1.173	0.0007	-2.5 to 2.5	Pass
				50	3.91	1.207	0.0007	-2.5 to 2.5	Pass

	1752.5	25	0	20	3.6	0.180	0.0001	-2.5 to 2.5	Pass
					3.91	-1.765	-0.0010	-2.5 to 2.5	Pass
					4.3	-1.472	-0.0008	-2.5 to 2.5	Pass
				-30	3.91	0.027	0.0000	-2.5 to 2.5	Pass
				-20	3.91	-0.289	-0.0002	-2.5 to 2.5	Pass
				-10	3.91	-1.275	-0.0007	-2.5 to 2.5	Pass
				0	3.91	-1.570	-0.0009	-2.5 to 2.5	Pass
				10	3.91	-1.565	-0.0009	-2.5 to 2.5	Pass
				30	3.91	-0.278	-0.0002	-2.5 to 2.5	Pass
				40	3.91	-0.917	-0.0005	-2.5 to 2.5	Pass
				50	3.91	-0.422	-0.0002	-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	3.6	0.620	0.0004	-2.5 to 2.5	Pass
					3.91	0.357	0.0002	-2.5 to 2.5	Pass
					4.3	0.806	0.0005	-2.5 to 2.5	Pass
				-30	3.91	0.159	0.0001	-2.5 to 2.5	Pass
				-20	3.91	-0.752	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	1.127	0.0007	-2.5 to 2.5	Pass
				0	3.91	0.980	0.0006	-2.5 to 2.5	Pass
				10	3.91	0.839	0.0005	-2.5 to 2.5	Pass
				30	3.91	-0.152	-0.0001	-2.5 to 2.5	Pass
				40	3.91	1.010	0.0006	-2.5 to 2.5	Pass
				50	3.91	0.660	0.0004	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.6	2.210	0.0013	-2.5 to 2.5	Pass
					3.91	0.975	0.0006	-2.5 to 2.5	Pass
					4.3	3.066	0.0018	-2.5 to 2.5	Pass
				-30	3.91	1.492	0.0009	-2.5 to 2.5	Pass
				-20	3.91	1.451	0.0008	-2.5 to 2.5	Pass
				-10	3.91	1.431	0.0008	-2.5 to 2.5	Pass
				0	3.91	1.482	0.0009	-2.5 to 2.5	Pass
				10	3.91	1.883	0.0011	-2.5 to 2.5	Pass
				30	3.91	2.207	0.0013	-2.5 to 2.5	Pass
				40	3.91	1.587	0.0009	-2.5 to 2.5	Pass
				50	3.91	1.119	0.0006	-2.5 to 2.5	Pass
	1750	50	0	20	3.6	-2.150	-0.0012	-2.5 to 2.5	Pass
					3.91	-0.023	0.0000	-2.5 to 2.5	Pass
					4.3	-0.942	-0.0005	-2.5 to 2.5	Pass
				-30	3.91	-1.350	-0.0008	-2.5 to 2.5	Pass
				-20	3.91	-1.961	-0.0011	-2.5 to 2.5	Pass
				-10	3.91	-1.876	-0.0011	-2.5 to 2.5	Pass
				0	3.91	-2.083	-0.0012	-2.5 to 2.5	Pass
				10	3.91	-1.485	-0.0008	-2.5 to 2.5	Pass
				30	3.91	-1.195	-0.0007	-2.5 to 2.5	Pass
				40	3.91	-1.323	-0.0008	-2.5 to 2.5	Pass
				50	3.91	-0.965	-0.0006	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.6	0.280	0.0002	-2.5 to 2.5	Pass
					3.91	1.142	0.0007	-2.5 to 2.5	Pass
					4.3	0.147	0.0001	-2.5 to 2.5	Pass
				-30	3.91	0.835	0.0005	-2.5 to 2.5	Pass
				-20	3.91	0.445	0.0003	-2.5 to 2.5	Pass
				-10	3.91	0.238	0.0001	-2.5 to 2.5	Pass
				0	3.91	0.788	0.0005	-2.5 to 2.5	Pass

				10	3.91	0.252	0.0001	-2.5 to 2.5	Pass
				30	3.91	0.862	0.0005	-2.5 to 2.5	Pass
				40	3.91	-0.135	-0.0001	-2.5 to 2.5	Pass
				50	3.91	0.155	0.0001	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.6	0.912	0.0005	-2.5 to 2.5	Pass
					3.91	-0.211	-0.0001	-2.5 to 2.5	Pass
					4.3	0.503	0.0003	-2.5 to 2.5	Pass
				-30	3.91	1.477	0.0009	-2.5 to 2.5	Pass
				-20	3.91	-0.473	-0.0003	-2.5 to 2.5	Pass
				-10	3.91	-0.060	0.0000	-2.5 to 2.5	Pass
				0	3.91	1.095	0.0006	-2.5 to 2.5	Pass
				10	3.91	1.735	0.0010	-2.5 to 2.5	Pass
				30	3.91	1.562	0.0009	-2.5 to 2.5	Pass
				40	3.91	0.852	0.0005	-2.5 to 2.5	Pass
				50	3.91	1.087	0.0006	-2.5 to 2.5	Pass
	1750	50	0	20	3.6	-0.830	-0.0005	-2.5 to 2.5	Pass
					3.91	-1.960	-0.0011	-2.5 to 2.5	Pass
					4.3	-1.921	-0.0011	-2.5 to 2.5	Pass
				-30	3.91	-0.958	-0.0005	-2.5 to 2.5	Pass
				-20	3.91	-1.896	-0.0011	-2.5 to 2.5	Pass
				-10	3.91	0.011	0.0000	-2.5 to 2.5	Pass
				0	3.91	-0.509	-0.0003	-2.5 to 2.5	Pass
				10	3.91	-1.161	-0.0007	-2.5 to 2.5	Pass
				30	3.91	-1.236	-0.0007	-2.5 to 2.5	Pass
				40	3.91	-1.158	-0.0007	-2.5 to 2.5	Pass
				50	3.91	-1.258	-0.0007	-2.5 to 2.5	Pass
64QAM	1715	50	0	20	3.6	0.950	0.0006	-2.5 to 2.5	Pass
					3.91	0.492	0.0003	-2.5 to 2.5	Pass
					4.3	1.219	0.0007	-2.5 to 2.5	Pass
				-30	3.91	1.252	0.0007	-2.5 to 2.5	Pass
				-20	3.91	0.931	0.0005	-2.5 to 2.5	Pass
				-10	3.91	1.287	0.0008	-2.5 to 2.5	Pass
				0	3.91	-0.142	-0.0001	-2.5 to 2.5	Pass
				10	3.91	0.395	0.0002	-2.5 to 2.5	Pass
				30	3.91	-0.396	-0.0002	-2.5 to 2.5	Pass
				40	3.91	-0.472	-0.0003	-2.5 to 2.5	Pass
				50	3.91	1.691	0.0010	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.6	1.090	0.0006	-2.5 to 2.5	Pass
					3.91	0.996	0.0006	-2.5 to 2.5	Pass
					4.3	0.759	0.0004	-2.5 to 2.5	Pass
				-30	3.91	0.435	0.0003	-2.5 to 2.5	Pass
				-20	3.91	1.442	0.0008	-2.5 to 2.5	Pass
				-10	3.91	0.620	0.0004	-2.5 to 2.5	Pass
				0	3.91	1.203	0.0007	-2.5 to 2.5	Pass
				10	3.91	2.393	0.0014	-2.5 to 2.5	Pass
				30	3.91	0.540	0.0003	-2.5 to 2.5	Pass
				40	3.91	1.976	0.0011	-2.5 to 2.5	Pass
				50	3.91	0.566	0.0003	-2.5 to 2.5	Pass
	1750	50	0	20	3.6	-1.239	-0.0007	-2.5 to 2.5	Pass
					3.91	-1.522	-0.0009	-2.5 to 2.5	Pass
					4.3	-1.237	-0.0007	-2.5 to 2.5	Pass
				-30	3.91	-1.660	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	-1.527	-0.0009	-2.5 to 2.5	Pass
				-10	3.91	-1.745	-0.0010	-2.5 to 2.5	Pass
				0	3.91	-0.619	-0.0004	-2.5 to 2.5	Pass
				10	3.91	-2.551	-0.0015	-2.5 to 2.5	Pass
				30	3.91	-0.604	-0.0003	-2.5 to 2.5	Pass
				40	3.91	-1.622	-0.0009	-2.5 to 2.5	Pass
				50	3.91	-2.595	-0.0015	-2.5 to 2.5	Pass

256QAM	1715	50	0	20	3.6	1.079	0.0006	-2.5 to 2.5	Pass
					3.91	-1.346	-0.0008	-2.5 to 2.5	Pass
					4.3	-0.984	-0.0006	-2.5 to 2.5	Pass
				-30	3.91	-1.028	-0.0006	-2.5 to 2.5	Pass
				-20	3.91	-1.400	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	0.344	0.0002	-2.5 to 2.5	Pass
				0	3.91	-0.507	-0.0003	-2.5 to 2.5	Pass
				10	3.91	-0.449	-0.0003	-2.5 to 2.5	Pass
				30	3.91	0.117	0.0001	-2.5 to 2.5	Pass
				40	3.91	-1.301	-0.0008	-2.5 to 2.5	Pass
				50	3.91	1.260	0.0007	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.6	0.507	0.0003	-2.5 to 2.5	Pass
					3.91	2.073	0.0012	-2.5 to 2.5	Pass
					4.3	1.839	0.0011	-2.5 to 2.5	Pass
				-30	3.91	0.834	0.0005	-2.5 to 2.5	Pass
				-20	3.91	1.772	0.0010	-2.5 to 2.5	Pass
				-10	3.91	1.207	0.0007	-2.5 to 2.5	Pass
				0	3.91	0.914	0.0005	-2.5 to 2.5	Pass
				10	3.91	-0.851	-0.0005	-2.5 to 2.5	Pass
				30	3.91	1.203	0.0007	-2.5 to 2.5	Pass
				40	3.91	1.014	0.0006	-2.5 to 2.5	Pass
				50	3.91	1.766	0.0010	-2.5 to 2.5	Pass
	1750	50	0	20	3.6	-2.378	-0.0014	-2.5 to 2.5	Pass
					3.91	-2.072	-0.0012	-2.5 to 2.5	Pass
					4.3	-1.677	-0.0010	-2.5 to 2.5	Pass
				-30	3.91	-1.817	-0.0010	-2.5 to 2.5	Pass
				-20	3.91	-1.737	-0.0010	-2.5 to 2.5	Pass
				-10	3.91	-2.668	-0.0015	-2.5 to 2.5	Pass
				0	3.91	-2.205	-0.0013	-2.5 to 2.5	Pass
				10	3.91	-1.704	-0.0010	-2.5 to 2.5	Pass
				30	3.91	-1.593	-0.0009	-2.5 to 2.5	Pass
				40	3.91	-3.129	-0.0018	-2.5 to 2.5	Pass
				50	3.91	-2.505	-0.0014	-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	3.6	0.759	0.0004	-2.5 to 2.5	Pass
					3.91	0.232	0.0001	-2.5 to 2.5	Pass
					4.3	0.148	0.0001	-2.5 to 2.5	Pass
				-30	3.91	0.178	0.0001	-2.5 to 2.5	Pass
				-20	3.91	1.194	0.0007	-2.5 to 2.5	Pass
				-10	3.91	1.263	0.0007	-2.5 to 2.5	Pass
				0	3.91	0.875	0.0005	-2.5 to 2.5	Pass
				10	3.91	1.372	0.0008	-2.5 to 2.5	Pass
				30	3.91	1.002	0.0006	-2.5 to 2.5	Pass
				40	3.91	1.572	0.0009	-2.5 to 2.5	Pass
				50	3.91	0.287	0.0002	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.6	1.332	0.0008	-2.5 to 2.5	Pass
					3.91	2.589	0.0015	-2.5 to 2.5	Pass
					4.3	0.672	0.0004	-2.5 to 2.5	Pass
				-30	3.91	0.925	0.0005	-2.5 to 2.5	Pass
				-20	3.91	1.005	0.0006	-2.5 to 2.5	Pass
				-10	3.91	-0.377	-0.0002	-2.5 to 2.5	Pass
				0	3.91	0.090	0.0001	-2.5 to 2.5	Pass

				10	3.91	0.831	0.0005	-2.5 to 2.5	Pass
				30	3.91	-0.421	-0.0002	-2.5 to 2.5	Pass
				40	3.91	0.380	0.0002	-2.5 to 2.5	Pass
				50	3.91	0.985	0.0006	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.6	0.671	0.0004	-2.5 to 2.5	Pass
					3.91	0.155	0.0001	-2.5 to 2.5	Pass
					4.3	1.452	0.0008	-2.5 to 2.5	Pass
				-30	3.91	1.707	0.0010	-2.5 to 2.5	Pass
				-20	3.91	1.089	0.0006	-2.5 to 2.5	Pass
				-10	3.91	1.365	0.0008	-2.5 to 2.5	Pass
				0	3.91	0.217	0.0001	-2.5 to 2.5	Pass
				10	3.91	-0.238	-0.0001	-2.5 to 2.5	Pass
				30	3.91	0.363	0.0002	-2.5 to 2.5	Pass
				40	3.91	0.701	0.0004	-2.5 to 2.5	Pass
				50	3.91	0.505	0.0003	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.6	-0.090	-0.0001	-2.5 to 2.5	Pass
					3.91	0.611	0.0004	-2.5 to 2.5	Pass
					4.3	-0.184	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	0.487	0.0003	-2.5 to 2.5	Pass
				-20	3.91	0.420	0.0002	-2.5 to 2.5	Pass
				-10	3.91	0.354	0.0002	-2.5 to 2.5	Pass
				0	3.91	-0.061	0.0000	-2.5 to 2.5	Pass
				10	3.91	-0.210	-0.0001	-2.5 to 2.5	Pass
				30	3.91	1.331	0.0008	-2.5 to 2.5	Pass
				40	3.91	1.570	0.0009	-2.5 to 2.5	Pass
				50	3.91	1.517	0.0009	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.6	1.155	0.0007	-2.5 to 2.5	Pass
					3.91	0.874	0.0005	-2.5 to 2.5	Pass
					4.3	0.248	0.0001	-2.5 to 2.5	Pass
				-30	3.91	0.935	0.0005	-2.5 to 2.5	Pass
				-20	3.91	-0.886	-0.0005	-2.5 to 2.5	Pass
				-10	3.91	0.573	0.0003	-2.5 to 2.5	Pass
				0	3.91	0.554	0.0003	-2.5 to 2.5	Pass
				10	3.91	-0.285	-0.0002	-2.5 to 2.5	Pass
				30	3.91	-0.216	-0.0001	-2.5 to 2.5	Pass
				40	3.91	-0.184	-0.0001	-2.5 to 2.5	Pass
				50	3.91	-0.560	-0.0003	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.6	1.088	0.0006	-2.5 to 2.5	Pass
					3.91	0.311	0.0002	-2.5 to 2.5	Pass
					4.3	0.778	0.0004	-2.5 to 2.5	Pass
				-30	3.91	0.399	0.0002	-2.5 to 2.5	Pass
				-20	3.91	0.673	0.0004	-2.5 to 2.5	Pass
				-10	3.91	1.473	0.0008	-2.5 to 2.5	Pass
				0	3.91	-0.494	-0.0003	-2.5 to 2.5	Pass
				10	3.91	-0.408	-0.0002	-2.5 to 2.5	Pass
				30	3.91	0.544	0.0003	-2.5 to 2.5	Pass
				40	3.91	0.394	0.0002	-2.5 to 2.5	Pass
				50	3.91	0.174	0.0001	-2.5 to 2.5	Pass
64QAM	1717.5	75	0	20	3.6	1.244	0.0007	-2.5 to 2.5	Pass
					3.91	-0.319	-0.0002	-2.5 to 2.5	Pass
					4.3	1.062	0.0006	-2.5 to 2.5	Pass
				-30	3.91	0.388	0.0002	-2.5 to 2.5	Pass
				-20	3.91	-0.255	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	0.499	0.0003	-2.5 to 2.5	Pass
				0	3.91	1.105	0.0006	-2.5 to 2.5	Pass
				10	3.91	0.430	0.0003	-2.5 to 2.5	Pass
				30	3.91	1.882	0.0011	-2.5 to 2.5	Pass
				40	3.91	2.694	0.0016	-2.5 to 2.5	Pass
				50	3.91	0.922	0.0005	-2.5 to 2.5	Pass

	1732.5	75	0	20	3.6	-0.091	-0.0001	-2.5 to 2.5	Pass
					3.91	0.433	0.0002	-2.5 to 2.5	Pass
					4.3	1.564	0.0009	-2.5 to 2.5	Pass
				-30	3.91	-0.332	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	0.899	0.0005	-2.5 to 2.5	Pass
				-10	3.91	-0.633	-0.0004	-2.5 to 2.5	Pass
				0	3.91	-0.080	0.0000	-2.5 to 2.5	Pass
				10	3.91	0.289	0.0002	-2.5 to 2.5	Pass
				30	3.91	-1.396	-0.0008	-2.5 to 2.5	Pass
				40	3.91	0.933	0.0005	-2.5 to 2.5	Pass
				50	3.91	-0.083	0.0000	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.6	1.200	0.0007	-2.5 to 2.5	Pass
					3.91	1.253	0.0007	-2.5 to 2.5	Pass
					4.3	-0.175	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	0.180	0.0001	-2.5 to 2.5	Pass
				-20	3.91	0.629	0.0004	-2.5 to 2.5	Pass
				-10	3.91	0.916	0.0005	-2.5 to 2.5	Pass
				0	3.91	-0.314	-0.0002	-2.5 to 2.5	Pass
				10	3.91	-0.035	0.0000	-2.5 to 2.5	Pass
				30	3.91	0.891	0.0005	-2.5 to 2.5	Pass
				40	3.91	0.116	0.0001	-2.5 to 2.5	Pass
				50	3.91	0.157	0.0001	-2.5 to 2.5	Pass
256QAM	1717.5	75	0	20	3.6	1.129	0.0007	-2.5 to 2.5	Pass
					3.91	1.584	0.0009	-2.5 to 2.5	Pass
					4.3	1.589	0.0009	-2.5 to 2.5	Pass
				-30	3.91	1.523	0.0009	-2.5 to 2.5	Pass
				-20	3.91	1.435	0.0008	-2.5 to 2.5	Pass
				-10	3.91	2.236	0.0013	-2.5 to 2.5	Pass
				0	3.91	2.157	0.0013	-2.5 to 2.5	Pass
				10	3.91	1.977	0.0012	-2.5 to 2.5	Pass
				30	3.91	0.804	0.0005	-2.5 to 2.5	Pass
				40	3.91	0.475	0.0003	-2.5 to 2.5	Pass
				50	3.91	1.151	0.0007	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.6	-0.849	-0.0005	-2.5 to 2.5	Pass
					3.91	0.401	0.0002	-2.5 to 2.5	Pass
					4.3	0.757	0.0004	-2.5 to 2.5	Pass
				-30	3.91	-0.015	0.0000	-2.5 to 2.5	Pass
				-20	3.91	1.393	0.0008	-2.5 to 2.5	Pass
				-10	3.91	0.028	0.0000	-2.5 to 2.5	Pass
				0	3.91	0.453	0.0003	-2.5 to 2.5	Pass
				10	3.91	0.521	0.0003	-2.5 to 2.5	Pass
				30	3.91	-0.123	-0.0001	-2.5 to 2.5	Pass
				40	3.91	0.162	0.0001	-2.5 to 2.5	Pass
				50	3.91	0.157	0.0001	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.6	0.354	0.0002	-2.5 to 2.5	Pass
					3.91	1.015	0.0006	-2.5 to 2.5	Pass
					4.3	-0.471	-0.0003	-2.5 to 2.5	Pass
				-30	3.91	-0.845	-0.0005	-2.5 to 2.5	Pass
				-20	3.91	0.004	0.0000	-2.5 to 2.5	Pass
				-10	3.91	-0.224	-0.0001	-2.5 to 2.5	Pass
				0	3.91	-0.242	-0.0001	-2.5 to 2.5	Pass
				10	3.91	-0.192	-0.0001	-2.5 to 2.5	Pass
				30	3.91	0.748	0.0004	-2.5 to 2.5	Pass
				40	3.91	-0.125	-0.0001	-2.5 to 2.5	Pass
				50	3.91	0.950	0.0005	-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	3.6	-0.298	-0.0002	-2.5 to 2.5	Pass
					3.91	-2.548	-0.0015	-2.5 to 2.5	Pass
					4.3	-2.028	-0.0012	-2.5 to 2.5	Pass
				-30	3.91	-1.123	-0.0007	-2.5 to 2.5	Pass
				-20	3.91	-0.430	-0.0003	-2.5 to 2.5	Pass
				-10	3.91	-1.389	-0.0008	-2.5 to 2.5	Pass
				0	3.91	-1.587	-0.0009	-2.5 to 2.5	Pass
				10	3.91	-0.743	-0.0004	-2.5 to 2.5	Pass
				30	3.91	-1.887	-0.0011	-2.5 to 2.5	Pass
				40	3.91	-1.941	-0.0011	-2.5 to 2.5	Pass
				50	3.91	-1.737	-0.0010	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.6	0.791	0.0005	-2.5 to 2.5	Pass
					3.91	1.006	0.0006	-2.5 to 2.5	Pass
					4.3	0.345	0.0002	-2.5 to 2.5	Pass
				-30	3.91	0.186	0.0001	-2.5 to 2.5	Pass
				-20	3.91	0.401	0.0002	-2.5 to 2.5	Pass
				-10	3.91	0.284	0.0002	-2.5 to 2.5	Pass
				0	3.91	0.154	0.0001	-2.5 to 2.5	Pass
				10	3.91	1.263	0.0007	-2.5 to 2.5	Pass
				30	3.91	-0.043	0.0000	-2.5 to 2.5	Pass
				40	3.91	1.899	0.0011	-2.5 to 2.5	Pass
				50	3.91	-0.081	0.0000	-2.5 to 2.5	Pass
	1745	100	0	20	3.6	-0.571	-0.0003	-2.5 to 2.5	Pass
					3.91	-0.771	-0.0004	-2.5 to 2.5	Pass
					4.3	-0.755	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	0.071	0.0000	-2.5 to 2.5	Pass
				-20	3.91	-0.352	-0.0002	-2.5 to 2.5	Pass
				-10	3.91	-2.140	-0.0012	-2.5 to 2.5	Pass
				0	3.91	-2.711	-0.0016	-2.5 to 2.5	Pass
				10	3.91	-0.981	-0.0006	-2.5 to 2.5	Pass
				30	3.91	-0.977	-0.0006	-2.5 to 2.5	Pass
				40	3.91	-1.814	-0.0010	-2.5 to 2.5	Pass
				50	3.91	-0.220	-0.0001	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.6	-0.797	-0.0005	-2.5 to 2.5	Pass
					3.91	-2.271	-0.0013	-2.5 to 2.5	Pass
					4.3	-3.065	-0.0018	-2.5 to 2.5	Pass
				-30	3.91	-1.802	-0.0010	-2.5 to 2.5	Pass
				-20	3.91	-1.414	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	-0.434	-0.0003	-2.5 to 2.5	Pass
				0	3.91	-1.294	-0.0008	-2.5 to 2.5	Pass
				10	3.91	-3.099	-0.0018	-2.5 to 2.5	Pass
				30	3.91	-1.642	-0.0010	-2.5 to 2.5	Pass
				40	3.91	-1.977	-0.0011	-2.5 to 2.5	Pass
				50	3.91	-1.274	-0.0007	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.6	0.877	0.0005	-2.5 to 2.5	Pass
					3.91	0.455	0.0003	-2.5 to 2.5	Pass
					4.3	0.693	0.0004	-2.5 to 2.5	Pass
				-30	3.91	-0.426	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	0.173	0.0001	-2.5 to 2.5	Pass
				-10	3.91	1.468	0.0008	-2.5 to 2.5	Pass
				0	3.91	-0.469	-0.0003	-2.5 to 2.5	Pass
				10	3.91	-0.615	-0.0004	-2.5 to 2.5	Pass
				30	3.91	0.620	0.0004	-2.5 to 2.5	Pass
				40	3.91	0.695	0.0004	-2.5 to 2.5	Pass
				50	3.91	0.108	0.0001	-2.5 to 2.5	Pass
	1745	100	0	20	3.6	-1.078	-0.0006	-2.5 to 2.5	Pass

					3.91	-1.048	-0.0006	-2.5 to 2.5	Pass
					4.3	-1.326	-0.0008	-2.5 to 2.5	Pass
				-30	3.91	-1.362	-0.0008	-2.5 to 2.5	Pass
				-20	3.91	-1.631	-0.0009	-2.5 to 2.5	Pass
				-10	3.91	0.222	0.0001	-2.5 to 2.5	Pass
				0	3.91	-1.118	-0.0006	-2.5 to 2.5	Pass
				10	3.91	-0.406	-0.0002	-2.5 to 2.5	Pass
				30	3.91	-1.094	-0.0006	-2.5 to 2.5	Pass
				40	3.91	-0.951	-0.0005	-2.5 to 2.5	Pass
				50	3.91	-0.606	-0.0003	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.6	-1.668	-0.0010	-2.5 to 2.5	Pass
					3.91	-1.424	-0.0008	-2.5 to 2.5	Pass
					4.3	-3.036	-0.0018	-2.5 to 2.5	Pass
				-30	3.91	-2.953	-0.0017	-2.5 to 2.5	Pass
				-20	3.91	-1.996	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-2.956	-0.0017	-2.5 to 2.5	Pass
				0	3.91	-3.765	-0.0022	-2.5 to 2.5	Pass
				10	3.91	-3.017	-0.0018	-2.5 to 2.5	Pass
				30	3.91	-1.725	-0.0010	-2.5 to 2.5	Pass
				40	3.91	-1.716	-0.0010	-2.5 to 2.5	Pass
				50	3.91	-2.865	-0.0017	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.6	-0.544	-0.0003	-2.5 to 2.5	Pass
					3.91	-0.043	0.0000	-2.5 to 2.5	Pass
					4.3	-0.086	0.0000	-2.5 to 2.5	Pass
				-30	3.91	0.173	0.0001	-2.5 to 2.5	Pass
				-20	3.91	0.327	0.0002	-2.5 to 2.5	Pass
				-10	3.91	0.724	0.0004	-2.5 to 2.5	Pass
				0	3.91	0.975	0.0006	-2.5 to 2.5	Pass
				10	3.91	-0.236	-0.0001	-2.5 to 2.5	Pass
				30	3.91	1.219	0.0007	-2.5 to 2.5	Pass
				40	3.91	1.076	0.0006	-2.5 to 2.5	Pass
				50	3.91	0.839	0.0005	-2.5 to 2.5	Pass
	1745	100	0	20	3.6	-0.224	-0.0001	-2.5 to 2.5	Pass
					3.91	-0.991	-0.0006	-2.5 to 2.5	Pass
					4.3	-1.013	-0.0006	-2.5 to 2.5	Pass
				-30	3.91	-1.030	-0.0006	-2.5 to 2.5	Pass
				-20	3.91	-1.332	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	-0.726	-0.0004	-2.5 to 2.5	Pass
				0	3.91	-0.675	-0.0004	-2.5 to 2.5	Pass
				10	3.91	-0.862	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-0.560	-0.0003	-2.5 to 2.5	Pass
				40	3.91	-1.505	-0.0009	-2.5 to 2.5	Pass
				50	3.91	-0.537	-0.0003	-2.5 to 2.5	Pass
256QAM	1720	100	0	20	3.6	-2.336	-0.0014	-2.5 to 2.5	Pass
					3.91	-2.592	-0.0015	-2.5 to 2.5	Pass
					4.3	-2.352	-0.0014	-2.5 to 2.5	Pass
				-30	3.91	-1.142	-0.0007	-2.5 to 2.5	Pass
				-20	3.91	-2.055	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-1.881	-0.0011	-2.5 to 2.5	Pass
				0	3.91	-3.041	-0.0018	-2.5 to 2.5	Pass
				10	3.91	-0.806	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-3.067	-0.0018	-2.5 to 2.5	Pass
				40	3.91	-2.501	-0.0015	-2.5 to 2.5	Pass
				50	3.91	-2.684	-0.0016	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.6	0.895	0.0005	-2.5 to 2.5	Pass
					3.91	0.257	0.0001	-2.5 to 2.5	Pass
					4.3	-0.715	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	0.449	0.0003	-2.5 to 2.5	Pass
				-20	3.91	0.329	0.0002	-2.5 to 2.5	Pass

				-10	3.91	0.727	0.0004	-2.5 to 2.5	Pass
				0	3.91	-0.401	-0.0002	-2.5 to 2.5	Pass
				10	3.91	0.721	0.0004	-2.5 to 2.5	Pass
				30	3.91	-0.322	-0.0002	-2.5 to 2.5	Pass
				40	3.91	-0.158	-0.0001	-2.5 to 2.5	Pass
				50	3.91	0.427	0.0002	-2.5 to 2.5	Pass
	1745	100	0	20	3.6	-0.817	-0.0005	-2.5 to 2.5	Pass
					3.91	-0.332	-0.0002	-2.5 to 2.5	Pass
					4.3	0.138	0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.972	-0.0006	-2.5 to 2.5	Pass
				-20	3.91	-1.253	-0.0007	-2.5 to 2.5	Pass
				-10	3.91	-1.076	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-1.605	-0.0009	-2.5 to 2.5	Pass
				10	3.91	-0.486	-0.0003	-2.5 to 2.5	Pass
				30	3.91	0.291	0.0002	-2.5 to 2.5	Pass
				40	3.91	-0.615	-0.0004	-2.5 to 2.5	Pass
				50	3.91	-0.480	-0.0003	-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	1.118	/	Pass
		1732.5	6	0	1.120	/	Pass
		1754.3	6	0	1.112	/	Pass
	16QAM	1710.7	6	0	1.140	/	Pass
		1732.5	6	0	1.125	/	Pass
		1754.3	6	0	1.120	/	Pass
	64QAM	1710.7	6	0	1.126	/	Pass
		1732.5	6	0	1.134	/	Pass
		1754.3	6	0	1.121	/	Pass
	256QAM	1710.7	6	0	1.117	/	Pass
		1732.5	6	0	1.119	/	Pass
		1754.3	6	0	1.109	/	Pass
3	QPSK	1711.5	15	0	2.758	/	Pass
		1732.5	15	0	2.756	/	Pass
		1753.5	15	0	2.750	/	Pass
	16QAM	1711.5	15	0	2.741	/	Pass
		1732.5	15	0	2.741	/	Pass
		1753.5	15	0	2.745	/	Pass
	64QAM	1711.5	15	0	2.741	/	Pass
		1732.5	15	0	2.752	/	Pass
		1753.5	15	0	2.743	/	Pass
	256QAM	1711.5	15	0	2.741	/	Pass
		1732.5	15	0	2.742	/	Pass
		1753.5	15	0	2.739	/	Pass
5	QPSK	1712.5	25	0	4.573	/	Pass
		1732.5	25	0	4.574	/	Pass
		1752.5	25	0	4.556	/	Pass
	16QAM	1712.5	25	0	4.551	/	Pass
		1732.5	25	0	4.560	/	Pass
		1752.5	25	0	4.559	/	Pass
	64QAM	1712.5	25	0	4.570	/	Pass
		1732.5	25	0	4.566	/	Pass
		1752.5	25	0	4.577	/	Pass
	256QAM	1712.5	25	0	4.566	/	Pass
		1732.5	25	0	4.575	/	Pass
		1752.5	25	0	4.576	/	Pass
10	QPSK	1715	50	0	9.079	/	Pass
		1732.5	50	0	9.075	/	Pass
		1750	50	0	9.084	/	Pass
	16QAM	1715	50	0	9.055	/	Pass
		1732.5	50	0	9.095	/	Pass
		1750	50	0	9.092	/	Pass
	64QAM	1715	50	0	9.075	/	Pass
		1732.5	50	0	9.091	/	Pass
		1750	50	0	9.082	/	Pass
	256QAM	1715	50	0	9.047	/	Pass
		1732.5	50	0	9.058	/	Pass

		1750	50	0	9.065	/	Pass
15	QPSK	1717.5	75	0	13.598	/	Pass
		1732.5	75	0	13.624	/	Pass
		1747.5	75	0	13.603	/	Pass
		1717.5	75	0	13.594	/	Pass
	16QAM	1732.5	75	0	13.603	/	Pass
		1747.5	75	0	13.643	/	Pass
		1717.5	75	0	13.591	/	Pass
	64QAM	1732.5	75	0	13.661	/	Pass
		1747.5	75	0	13.623	/	Pass
		1717.5	75	0	13.561	/	Pass
	256QAM	1732.5	75	0	13.634	/	Pass
		1747.5	75	0	13.586	/	Pass
20	QPSK	1720	100	0	18.065	/	Pass
		1732.5	100	0	18.146	/	Pass
		1745	100	0	18.115	/	Pass
	16QAM	1720	100	0	18.169	/	Pass
		1732.5	100	0	18.204	/	Pass
		1745	100	0	18.107	/	Pass
	64QAM	1720	100	0	18.131	/	Pass
		1732.5	100	0	18.134	/	Pass
		1745	100	0	18.120	/	Pass
	256QAM	1720	100	0	18.116	/	Pass
		1732.5	100	0	18.078	/	Pass
		1745	100	0	18.079	/	Pass

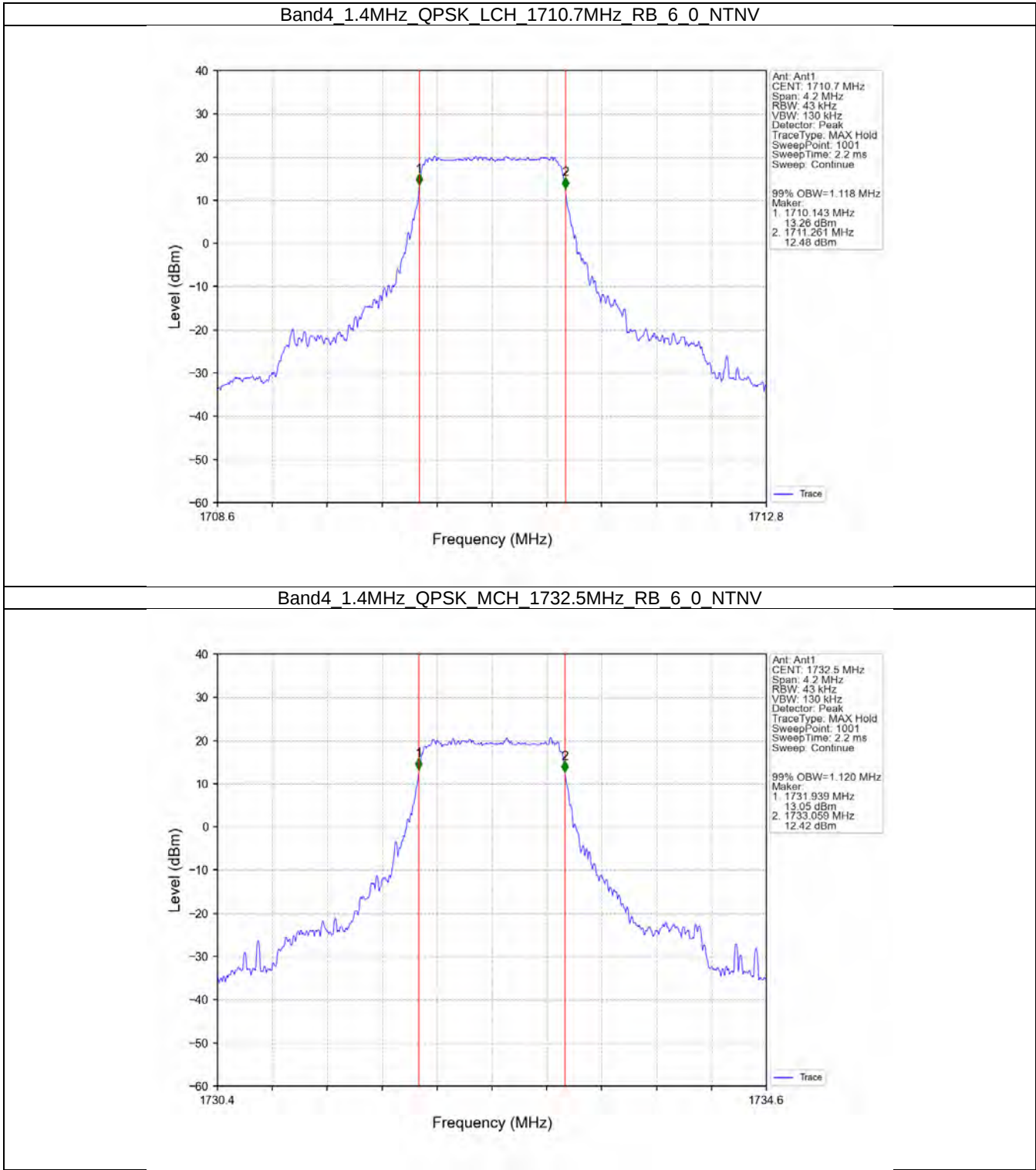
3.1.2 Band4_XDB

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	1.434	/	Pass
		1732.5	6	0	1.474	/	Pass
		1754.3	6	0	1.400	/	Pass
	16QAM	1710.7	6	0	1.433	/	Pass
		1732.5	6	0	1.487	/	Pass
		1754.3	6	0	1.478	/	Pass
	64QAM	1710.7	6	0	1.415	/	Pass
		1732.5	6	0	1.422	/	Pass
		1754.3	6	0	1.381	/	Pass
	256QAM	1710.7	6	0	1.380	/	Pass
		1732.5	6	0	1.385	/	Pass
		1754.3	6	0	1.397	/	Pass
3	QPSK	1711.5	15	0	3.128	/	Pass
		1732.5	15	0	3.139	/	Pass
		1753.5	15	0	3.133	/	Pass
	16QAM	1711.5	15	0	3.109	/	Pass
		1732.5	15	0	3.202	/	Pass
		1753.5	15	0	3.117	/	Pass
	64QAM	1711.5	15	0	3.137	/	Pass
		1732.5	15	0	3.154	/	Pass
		1753.5	15	0	3.113	/	Pass
	256QAM	1711.5	15	0	3.114	/	Pass
		1732.5	15	0	3.133	/	Pass
		1753.5	15	0	3.138	/	Pass
5	QPSK	1712.5	25	0	5.228	/	Pass
		1732.5	25	0	5.294	/	Pass

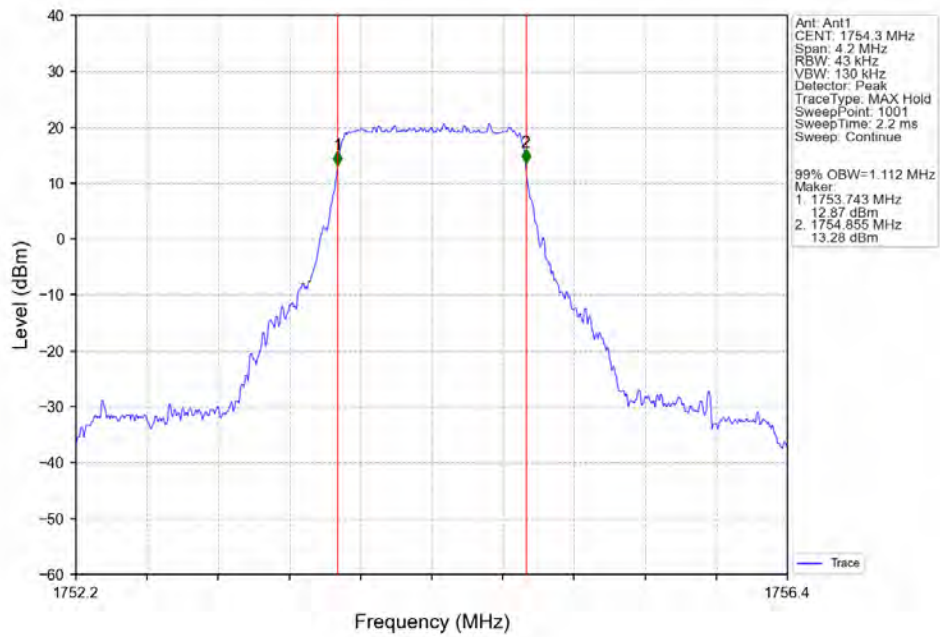
	16QAM	1752.5	25	0	5.334	/	Pass
		1712.5	25	0	5.198	/	Pass
		1732.5	25	0	5.242	/	Pass
		1752.5	25	0	5.217	/	Pass
	64QAM	1712.5	25	0	5.270	/	Pass
		1732.5	25	0	5.267	/	Pass
		1752.5	25	0	5.215	/	Pass
	256QAM	1712.5	25	0	5.289	/	Pass
		1732.5	25	0	5.249	/	Pass
		1752.5	25	0	5.223	/	Pass
10	QPSK	1715	50	0	10.159	/	Pass
		1732.5	50	0	10.193	/	Pass
		1750	50	0	10.252	/	Pass
	16QAM	1715	50	0	10.262	/	Pass
		1732.5	50	0	10.247	/	Pass
		1750	50	0	10.123	/	Pass
	64QAM	1715	50	0	10.164	/	Pass
		1732.5	50	0	10.077	/	Pass
		1750	50	0	10.150	/	Pass
	256QAM	1715	50	0	10.183	/	Pass
15	QPSK	1717.5	75	0	15.213	/	Pass
		1732.5	75	0	15.137	/	Pass
		1747.5	75	0	15.296	/	Pass
	16QAM	1717.5	75	0	15.194	/	Pass
		1732.5	75	0	15.165	/	Pass
		1747.5	75	0	15.161	/	Pass
	64QAM	1717.5	75	0	15.201	/	Pass
		1732.5	75	0	15.251	/	Pass
		1747.5	75	0	16.726	/	Pass
	256QAM	1717.5	75	0	15.155	/	Pass
20	QPSK	1720	100	0	20.057	/	Pass
		1732.5	100	0	20.380	/	Pass
		1745	100	0	20.068	/	Pass
	16QAM	1720	100	0	20.186	/	Pass
		1732.5	100	0	19.957	/	Pass
		1745	100	0	20.021	/	Pass
	64QAM	1720	100	0	20.193	/	Pass
		1732.5	100	0	20.030	/	Pass
		1745	100	0	20.057	/	Pass
	256QAM	1720	100	0	20.079	/	Pass
		1732.5	100	0	19.895	/	Pass
		1745	100	0	20.127	/	Pass

3.2 Test Graph

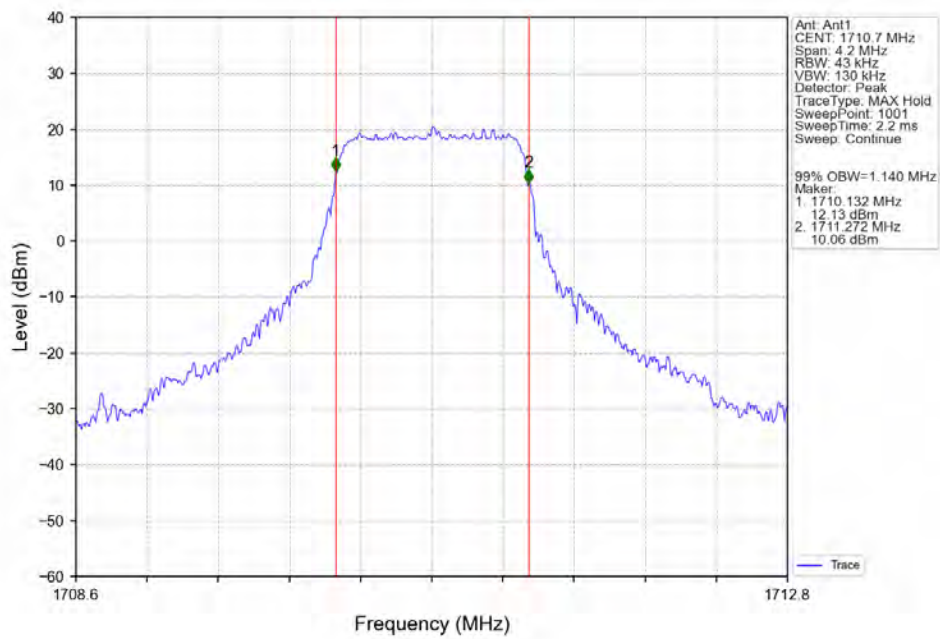
3.2.1 Band4_OBW



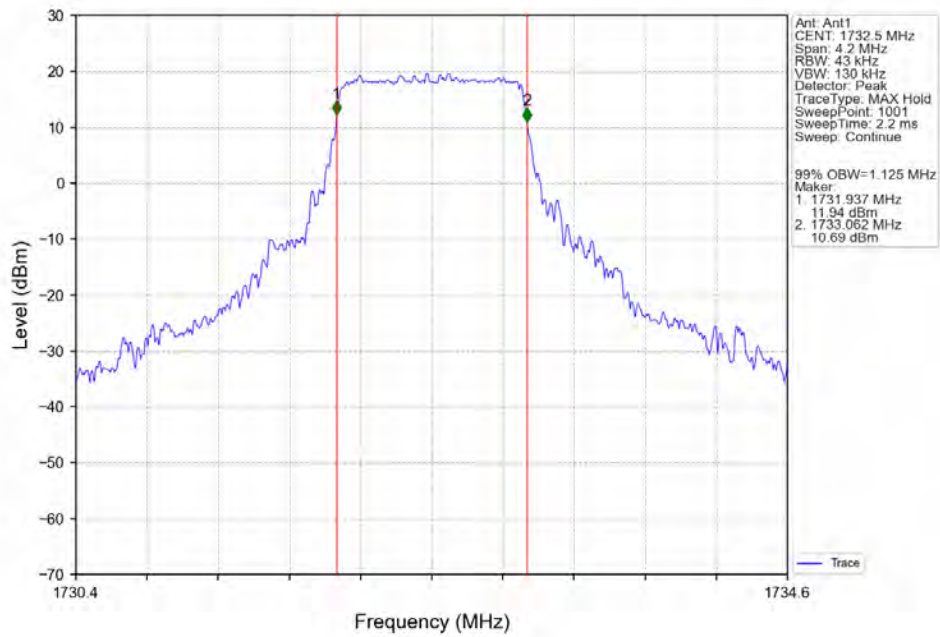
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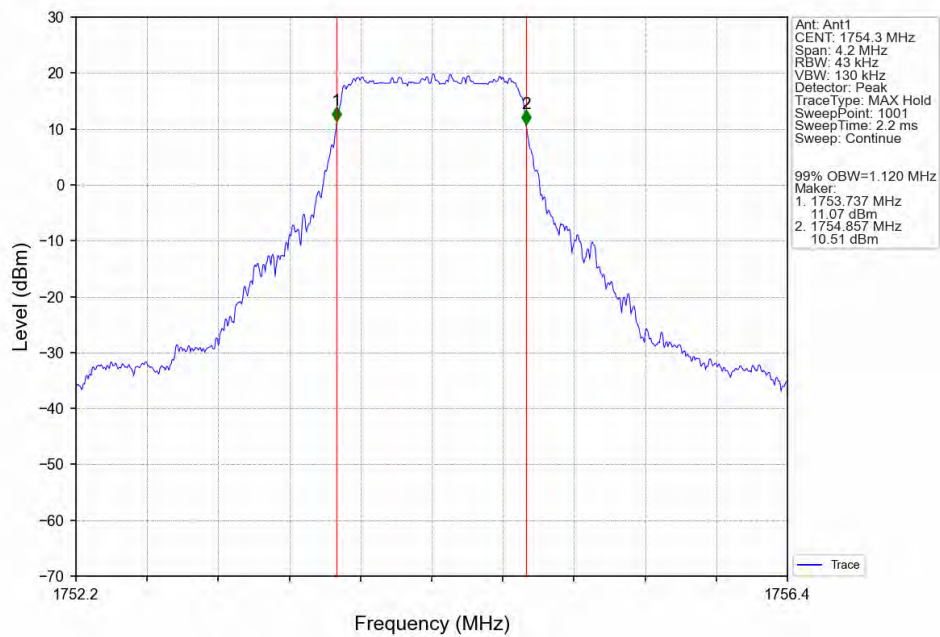
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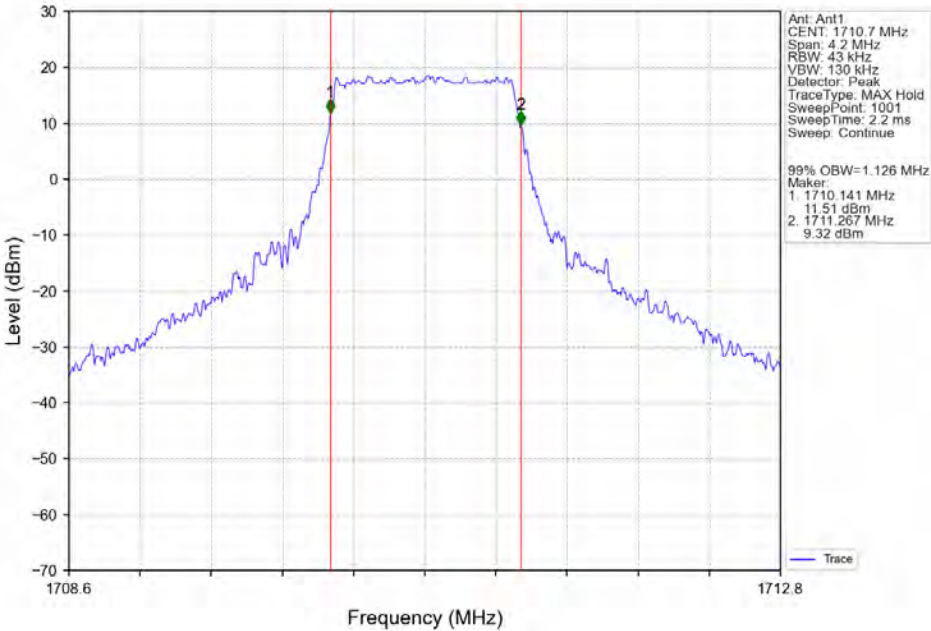
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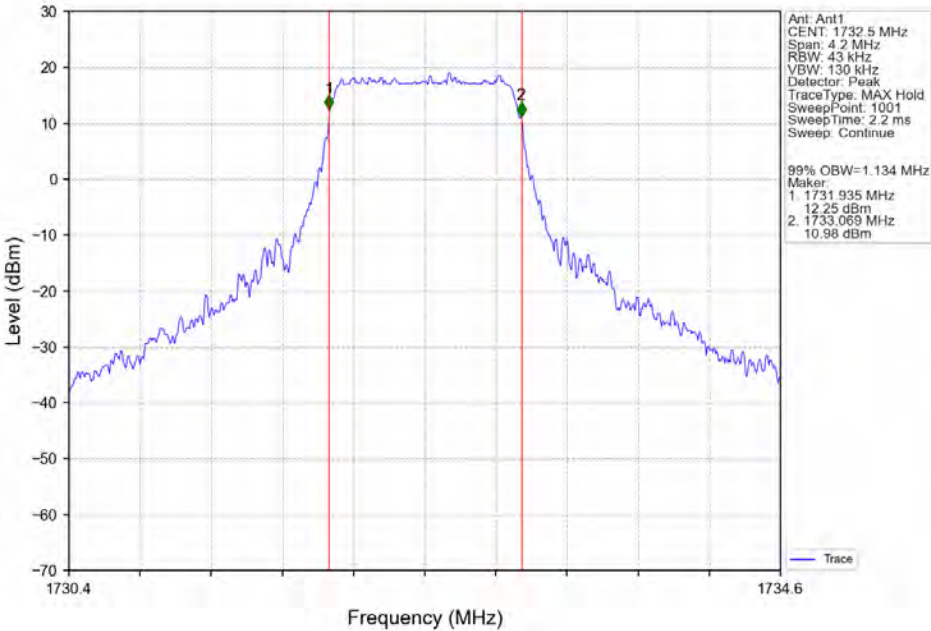
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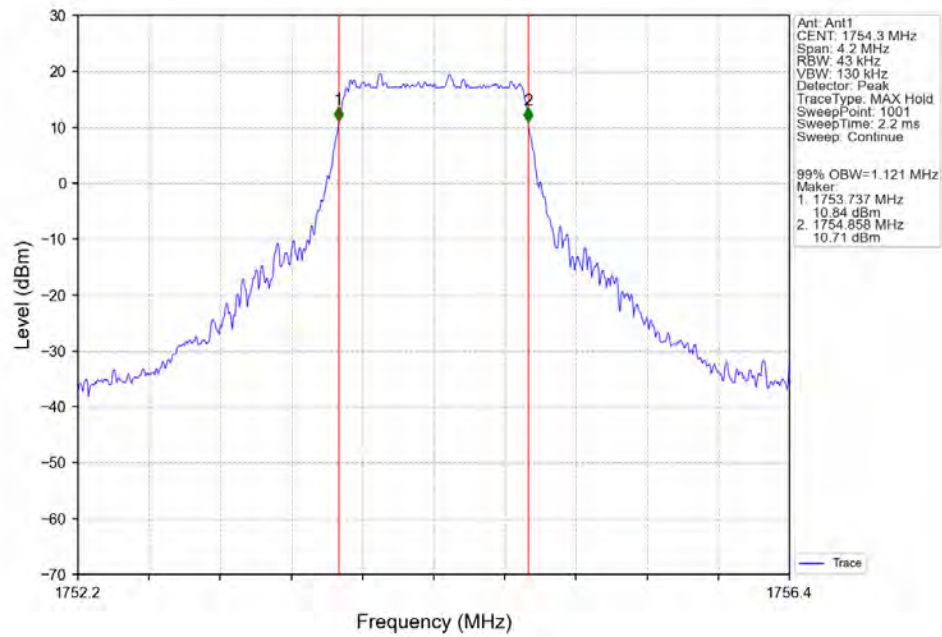
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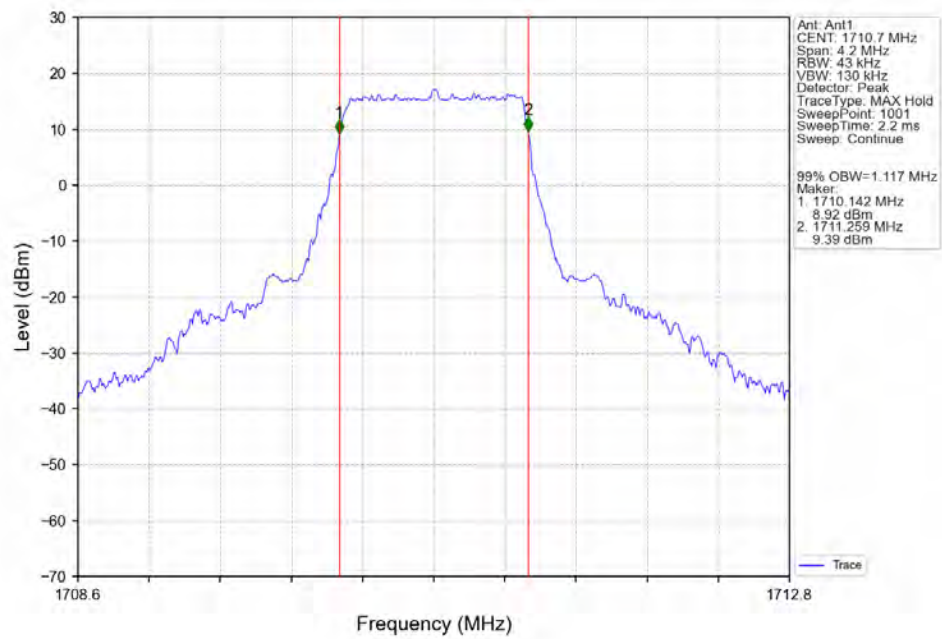
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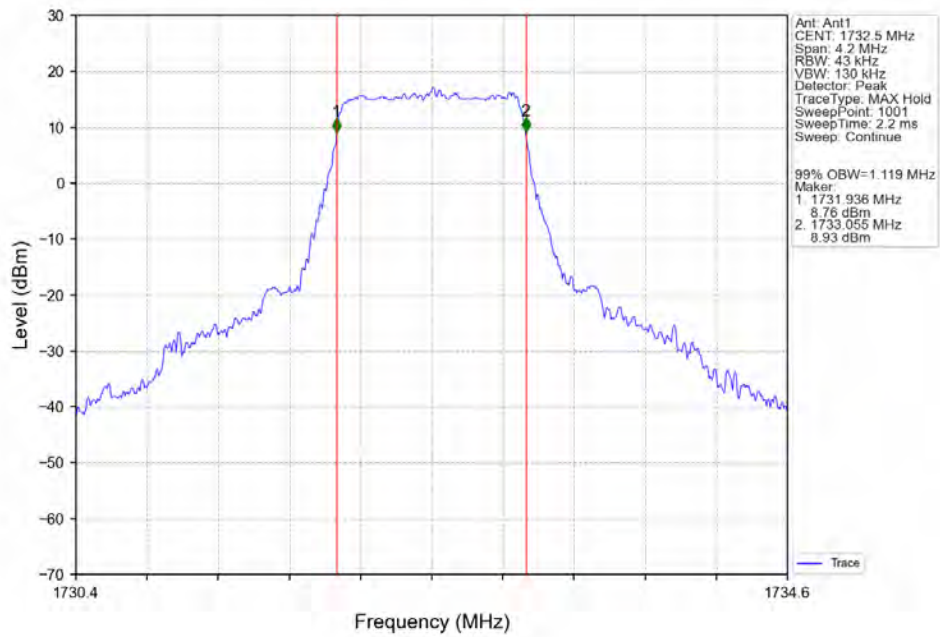
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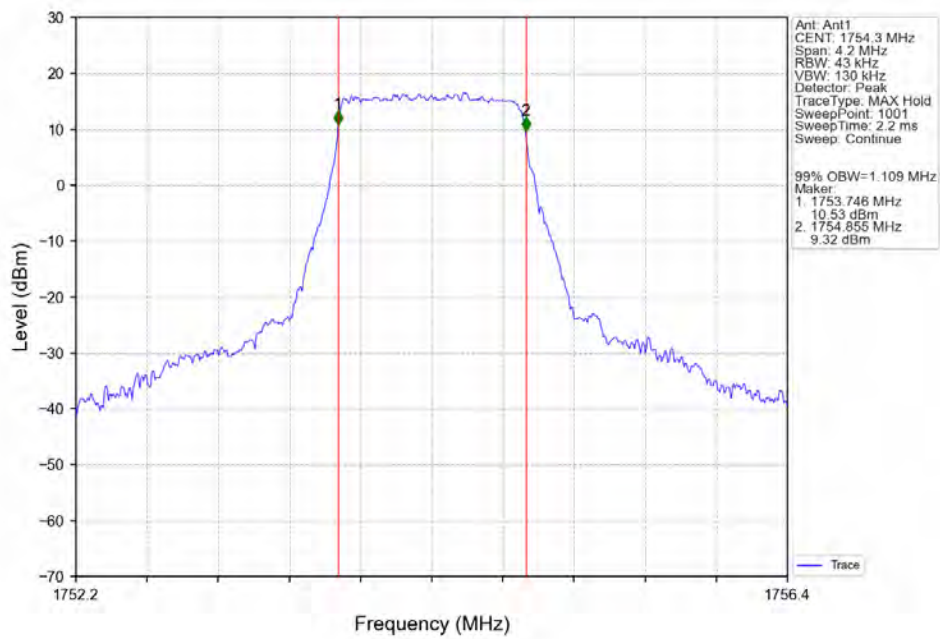
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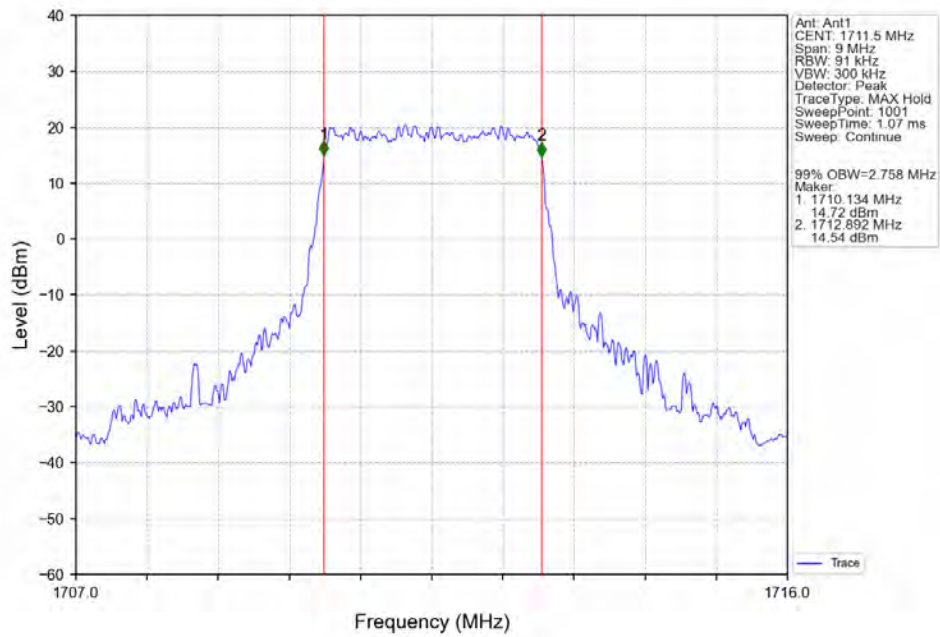
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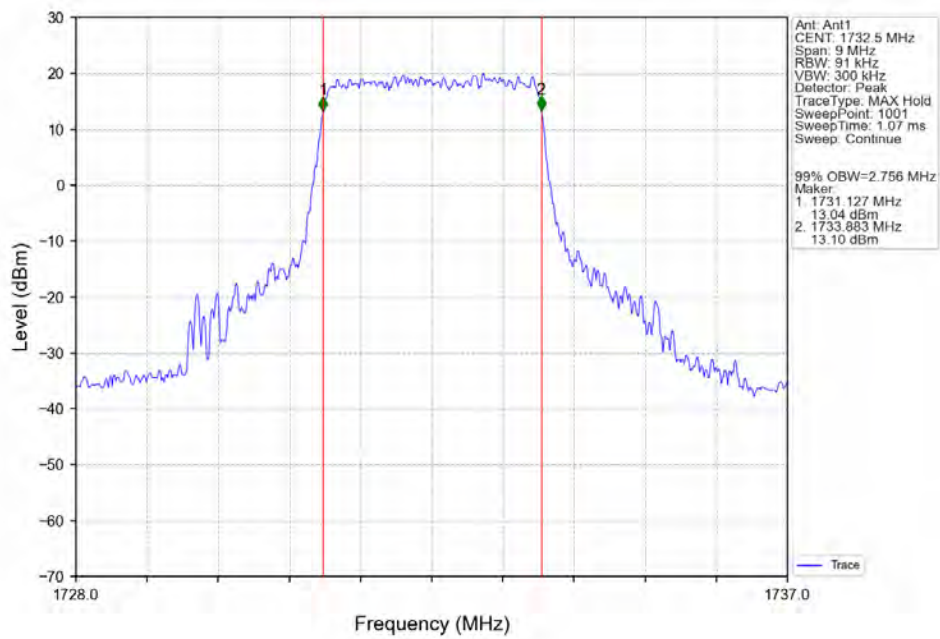
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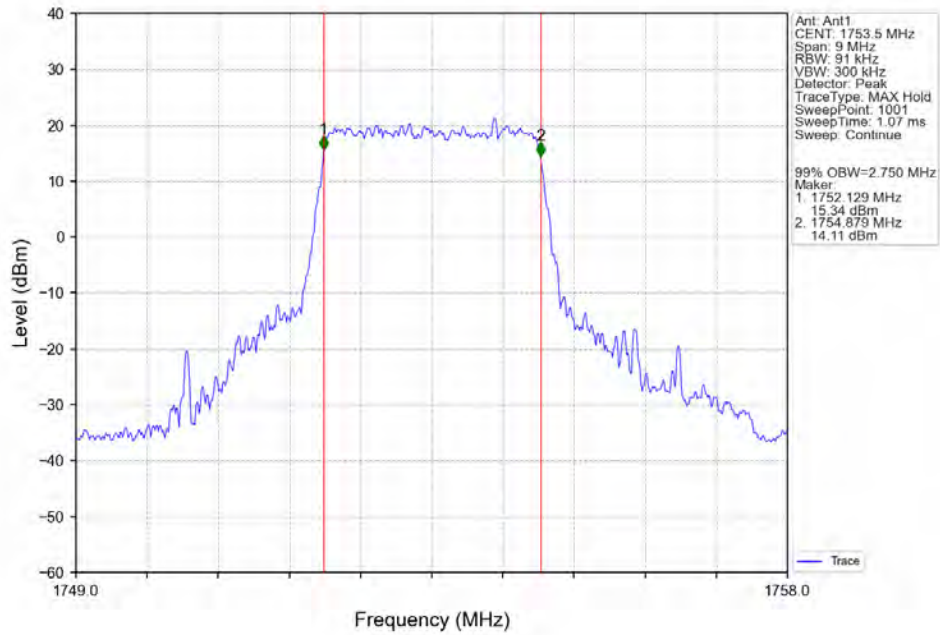
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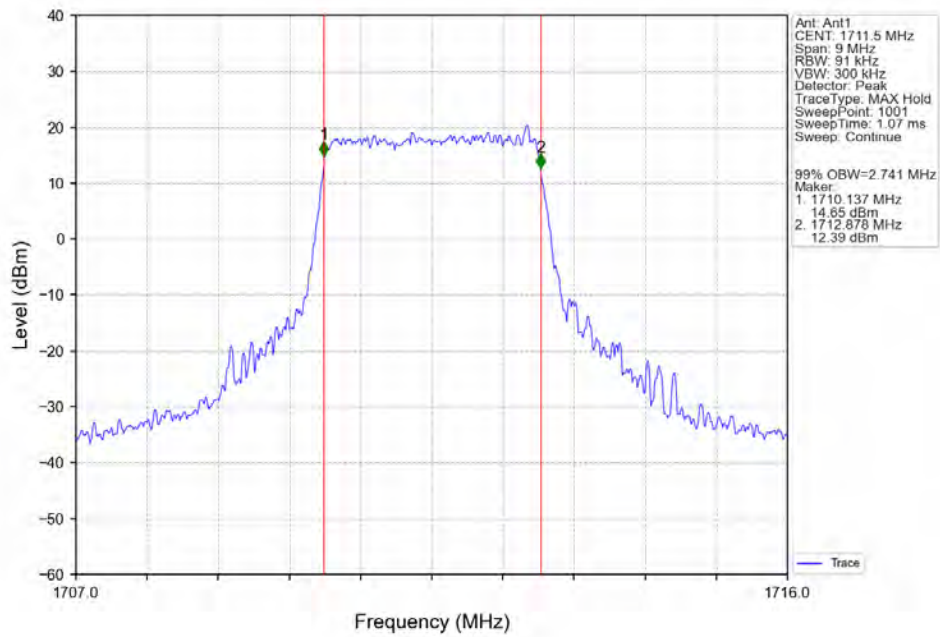
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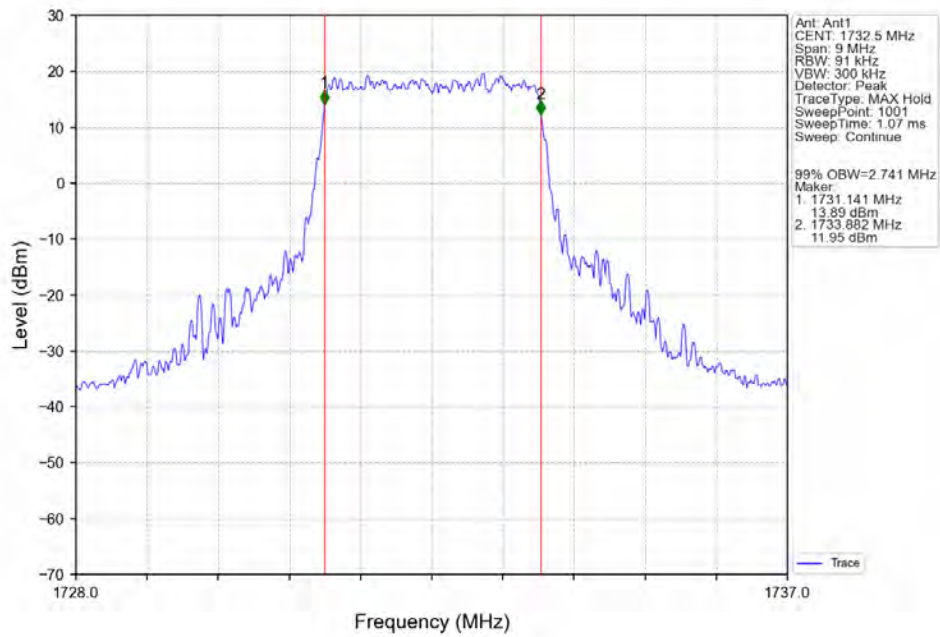
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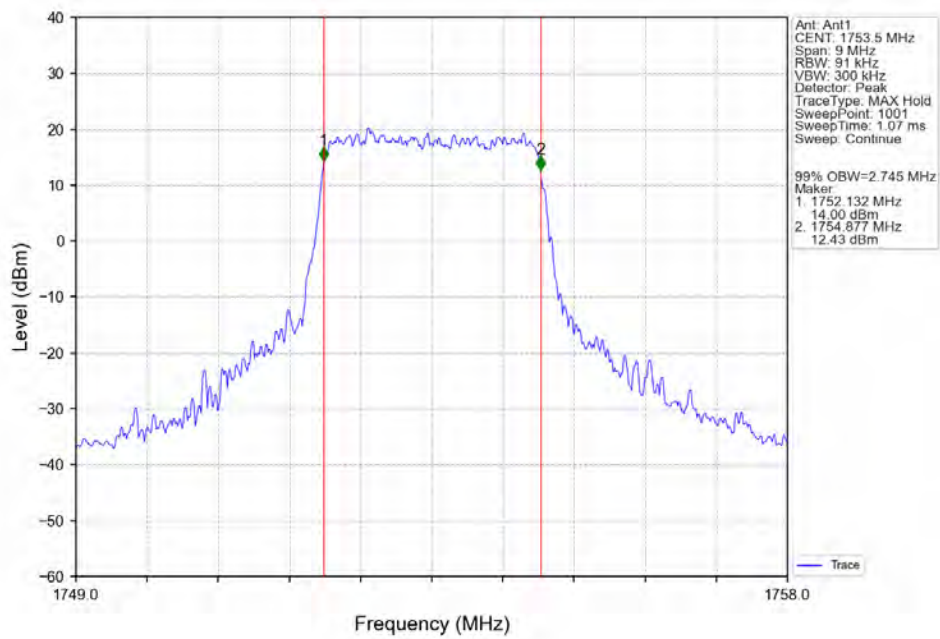
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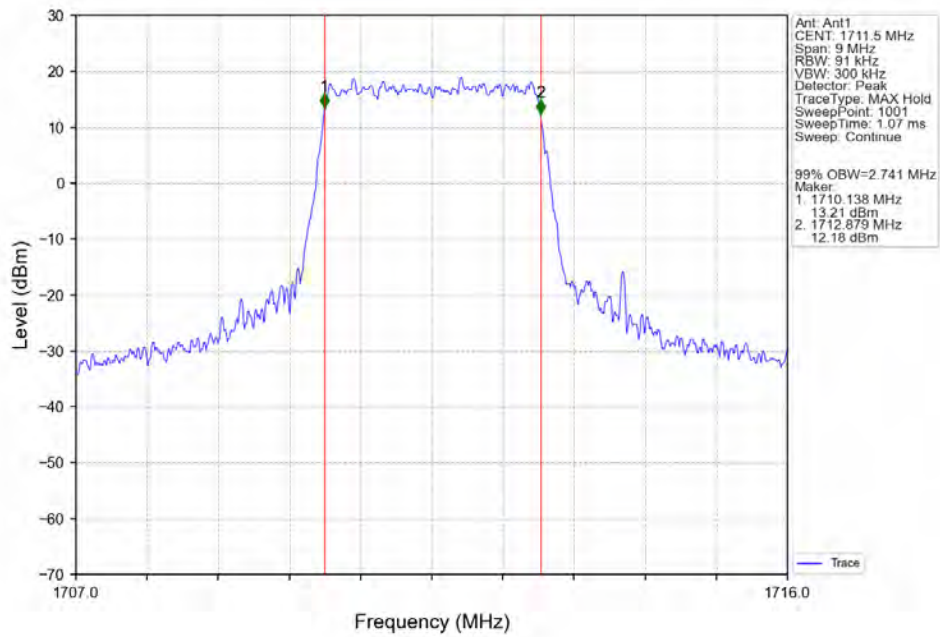
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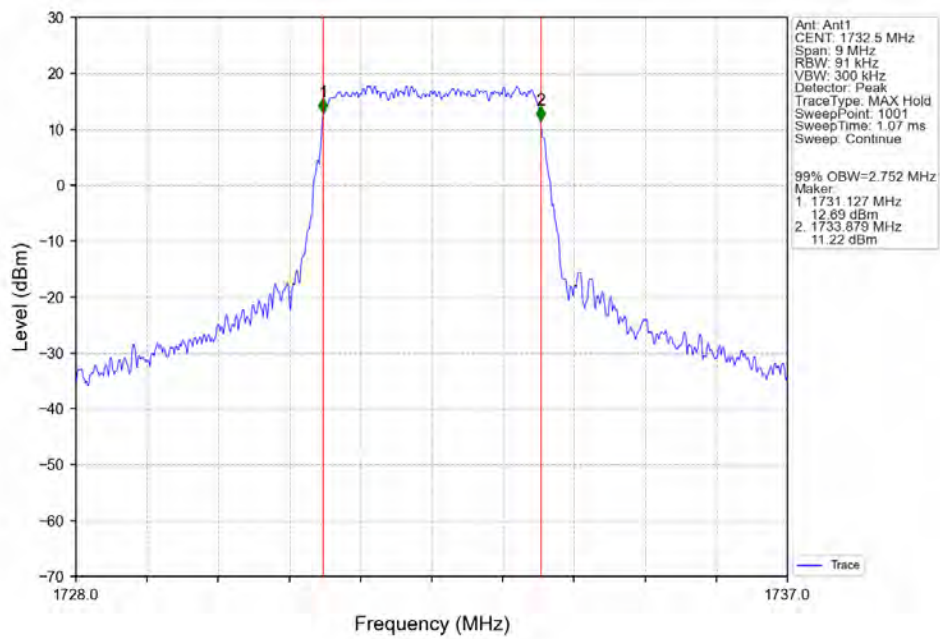
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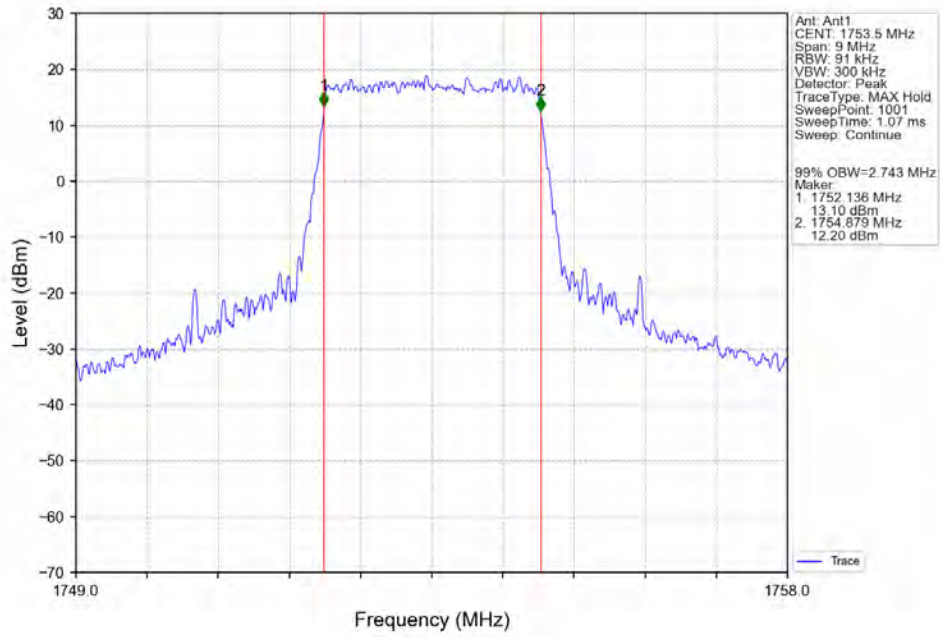
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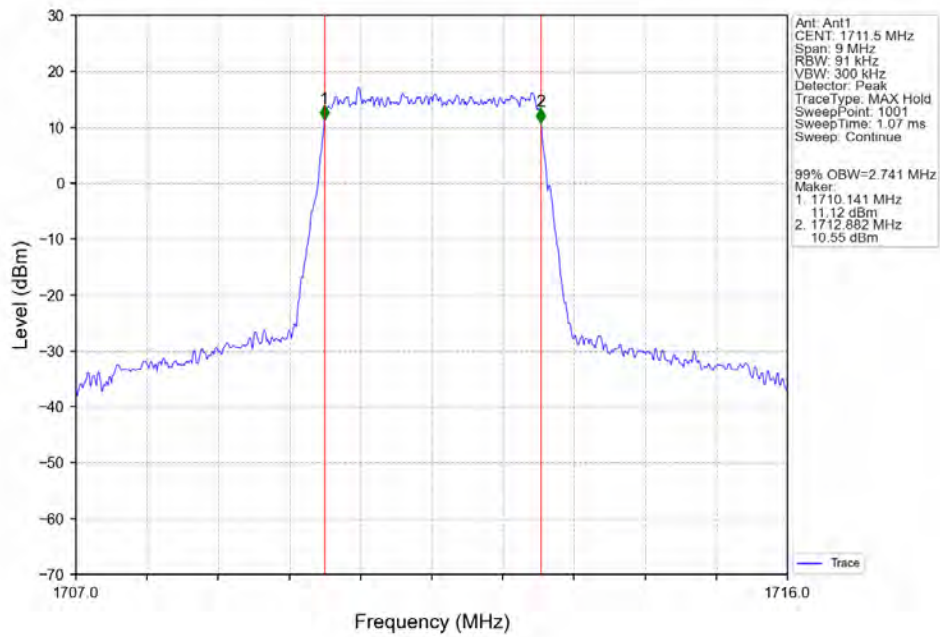
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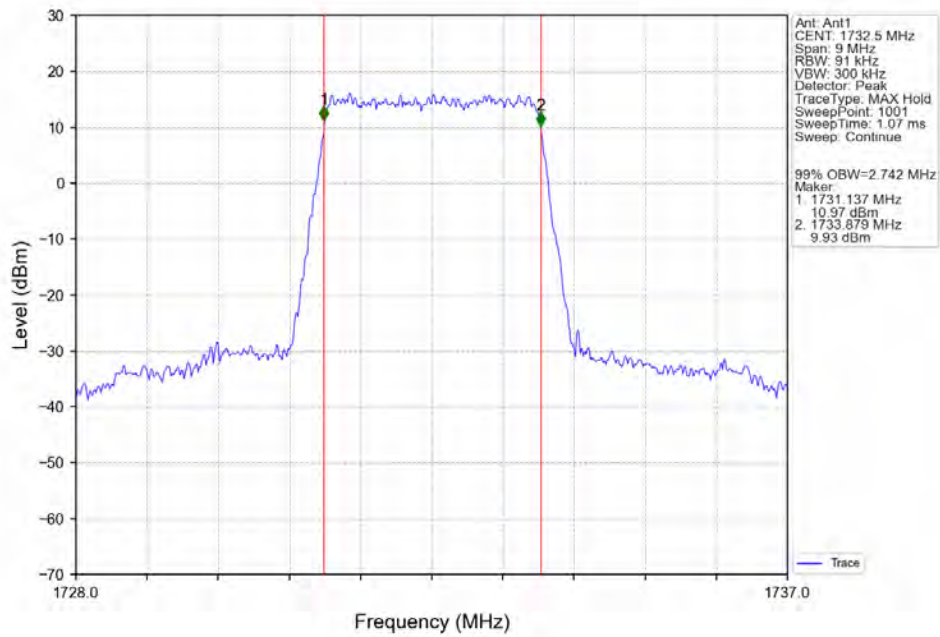
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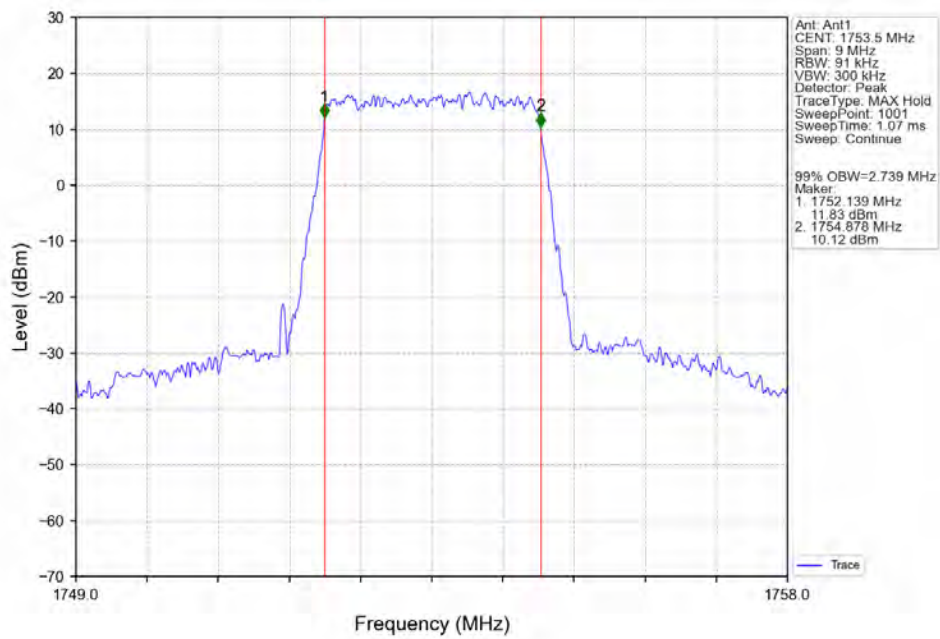
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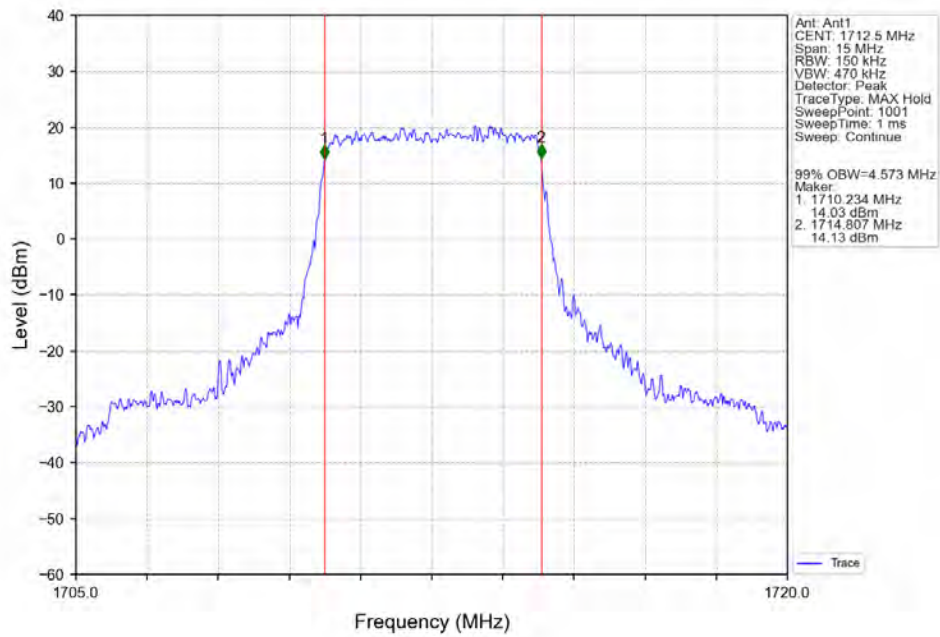
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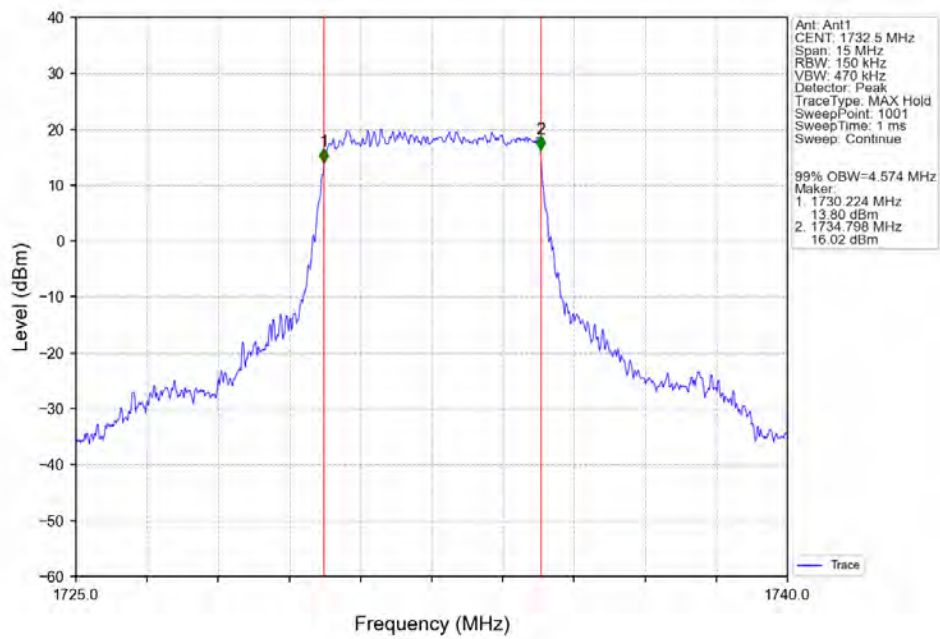
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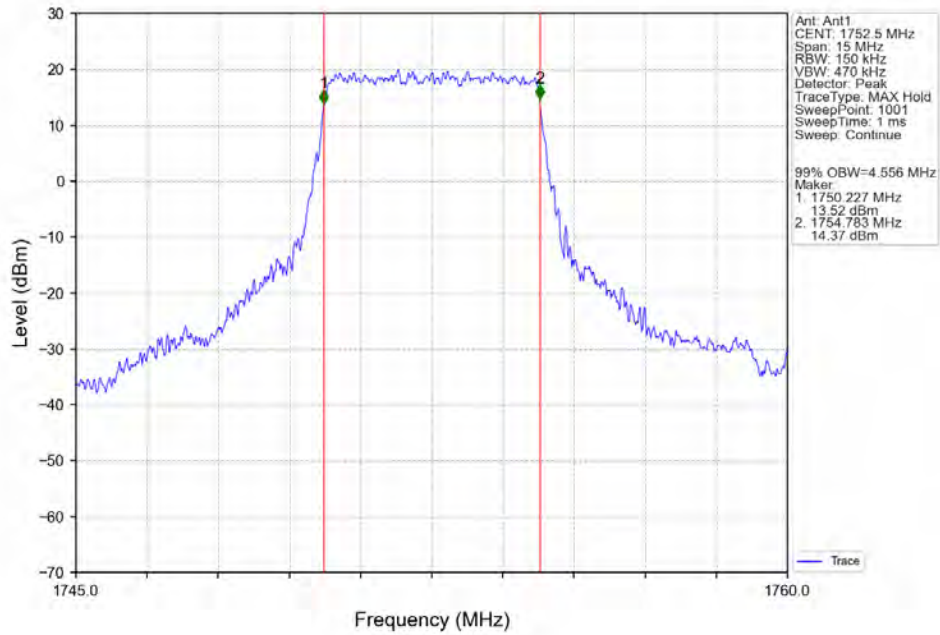
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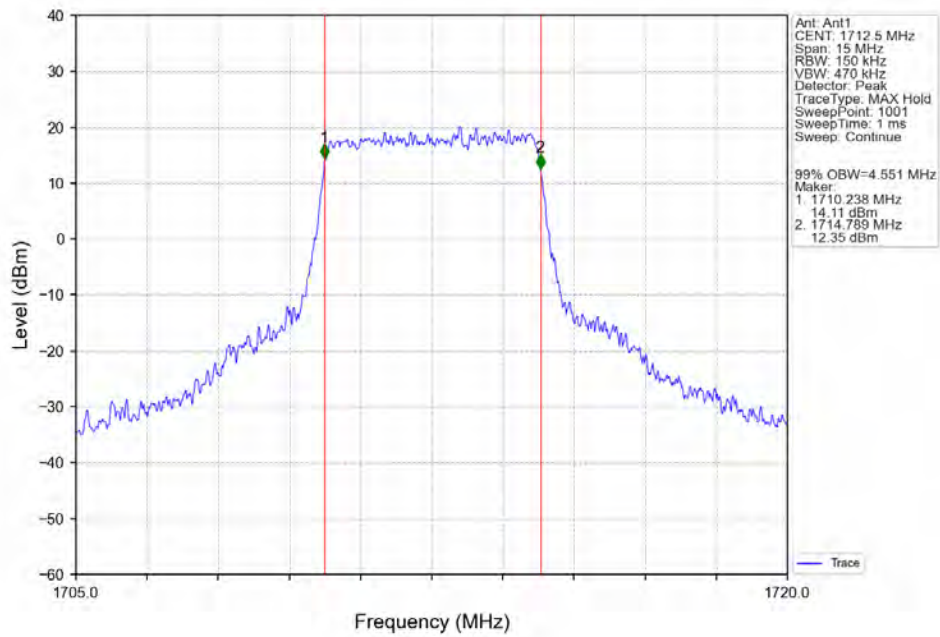
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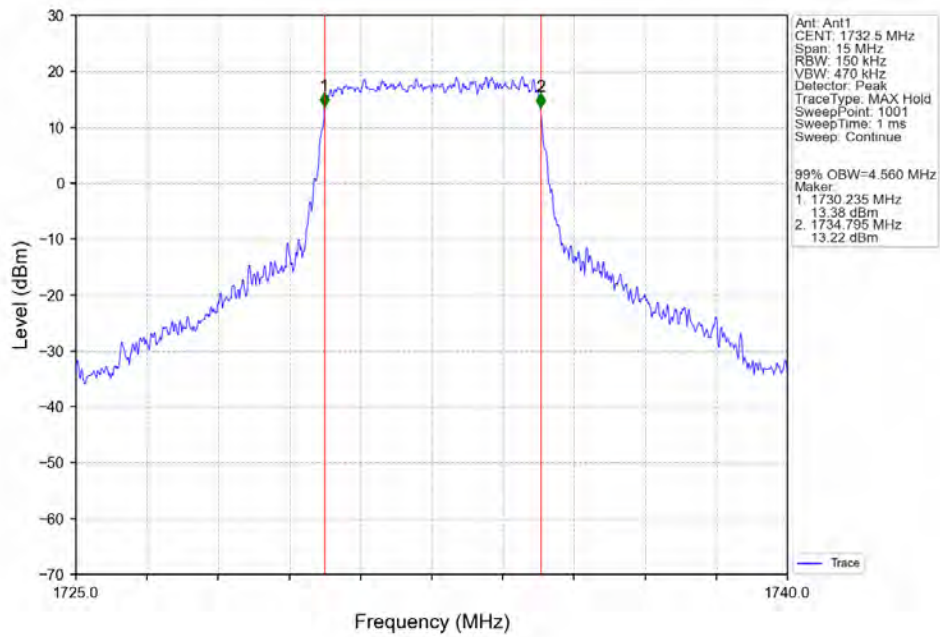
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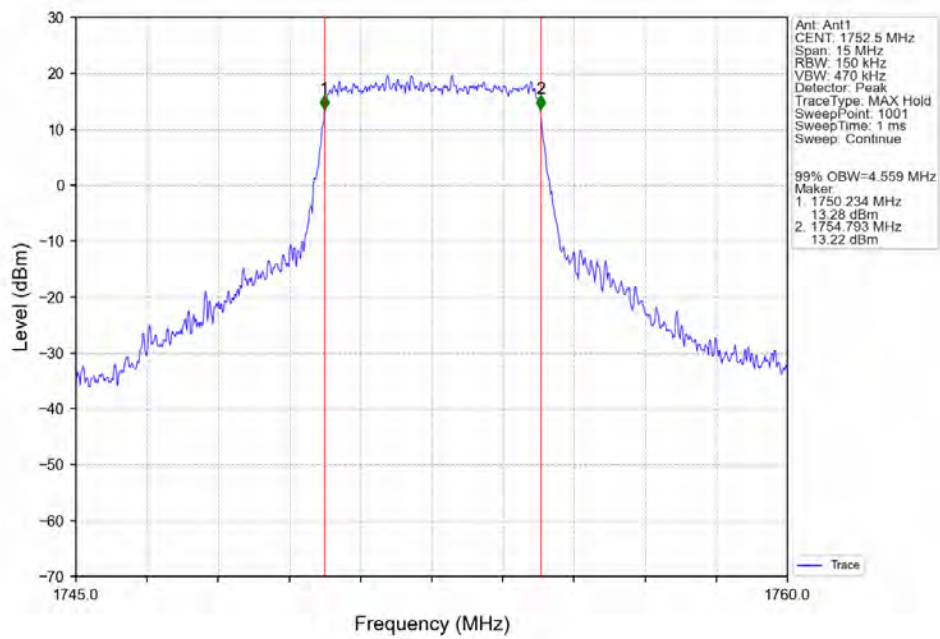
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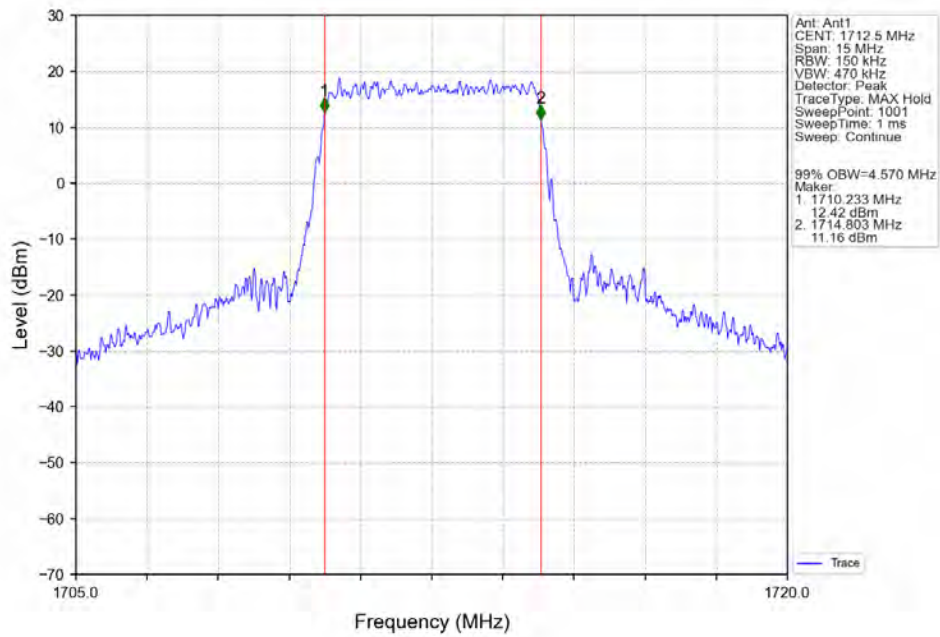
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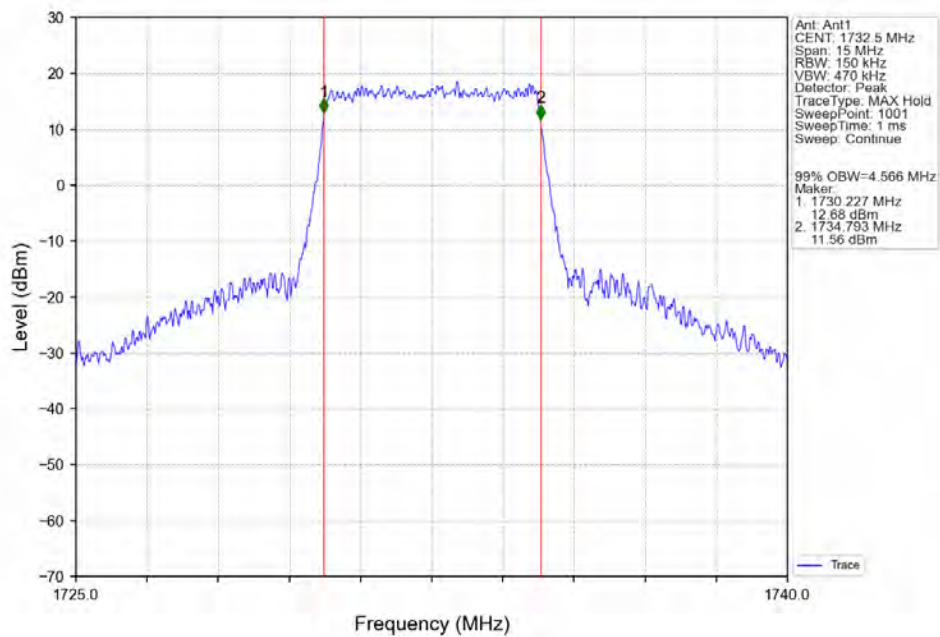
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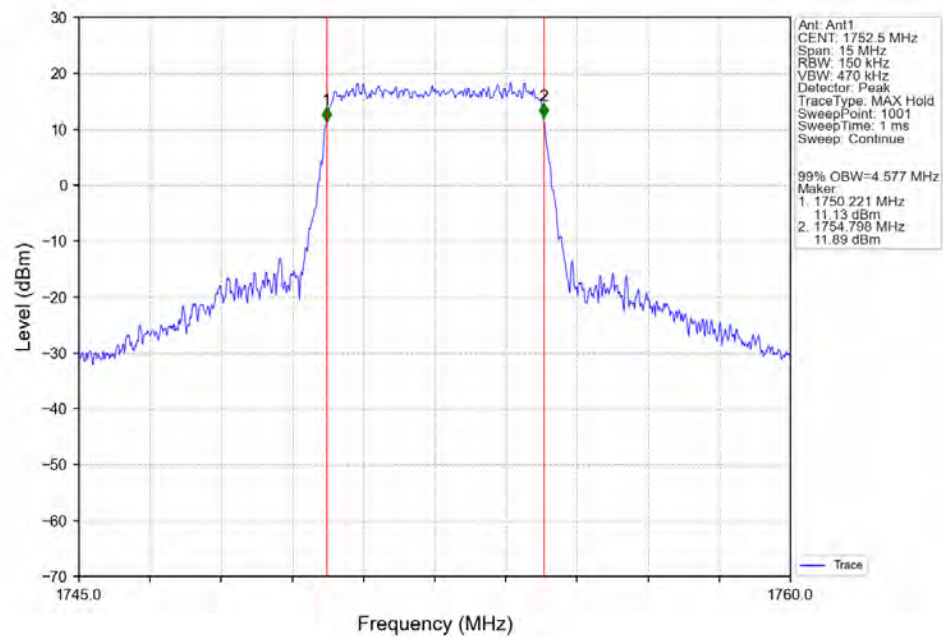
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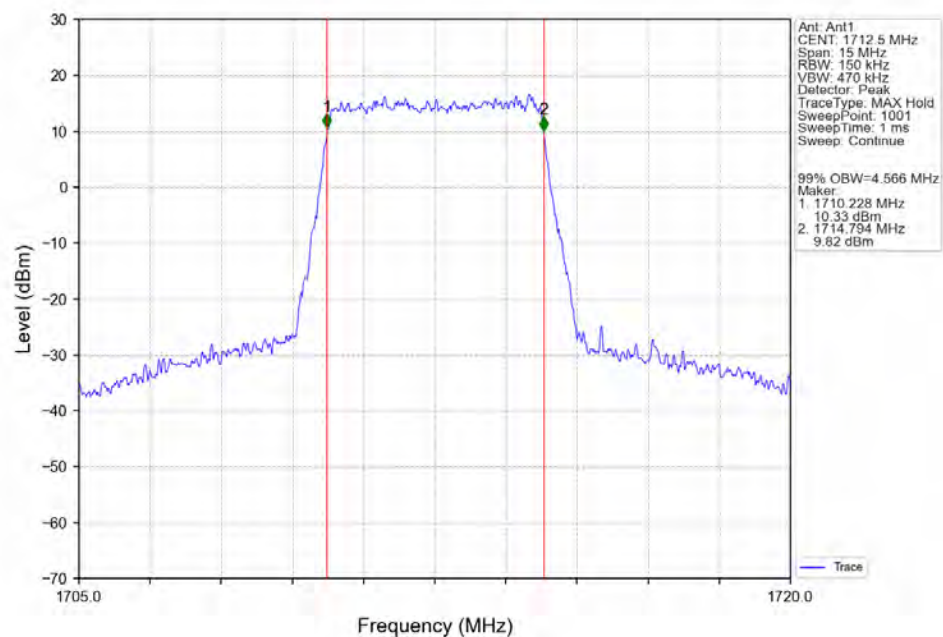
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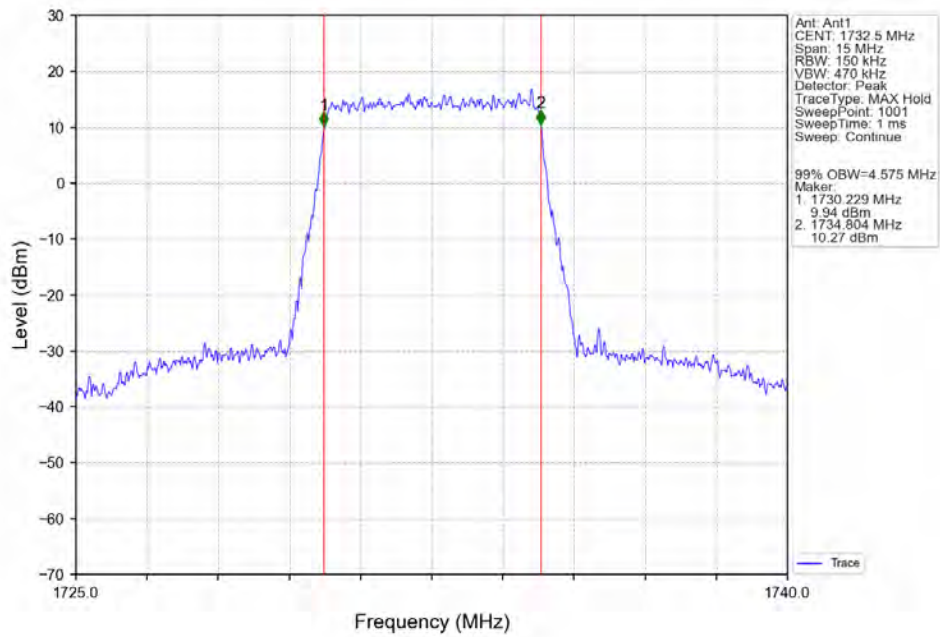
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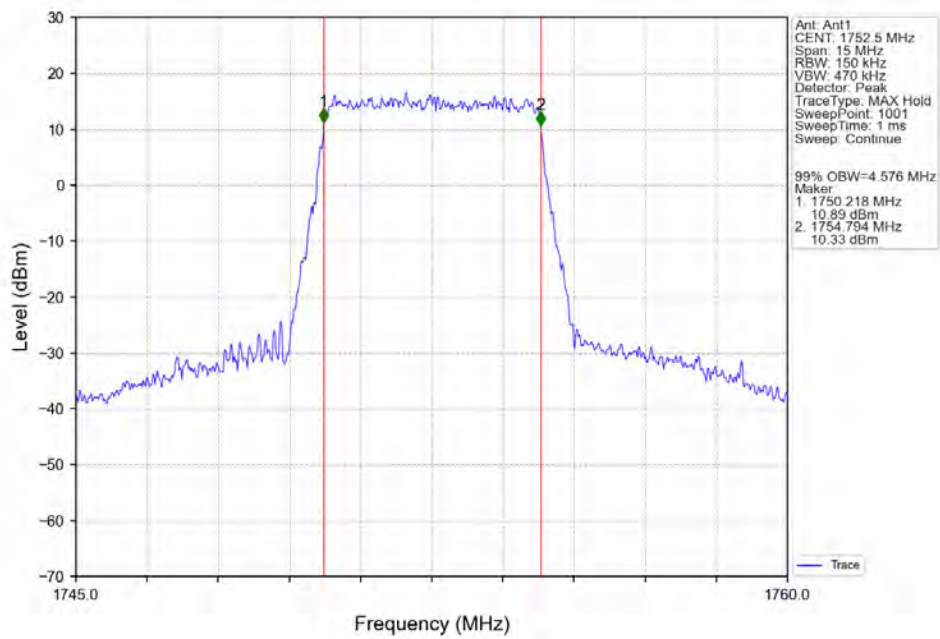
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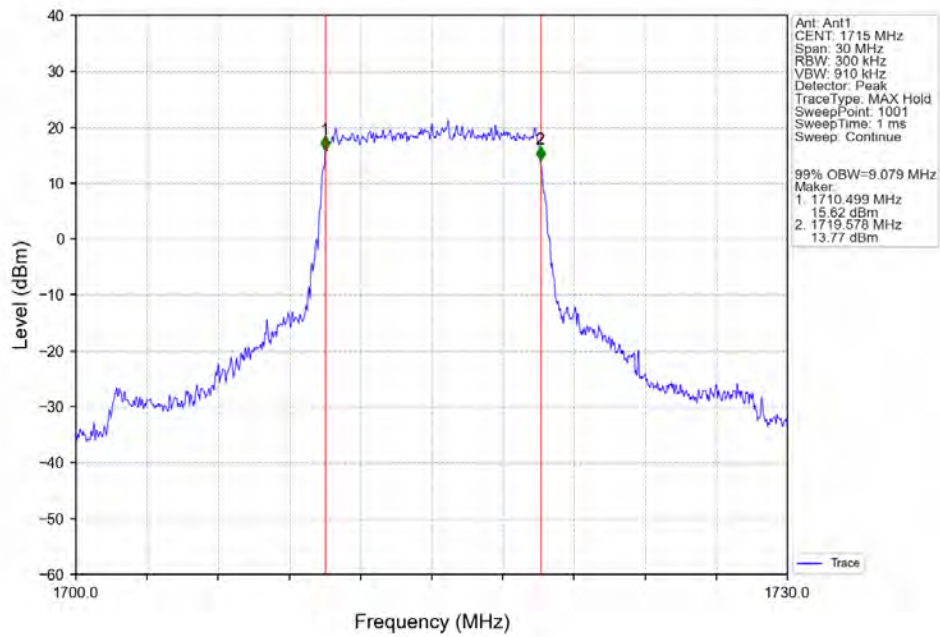
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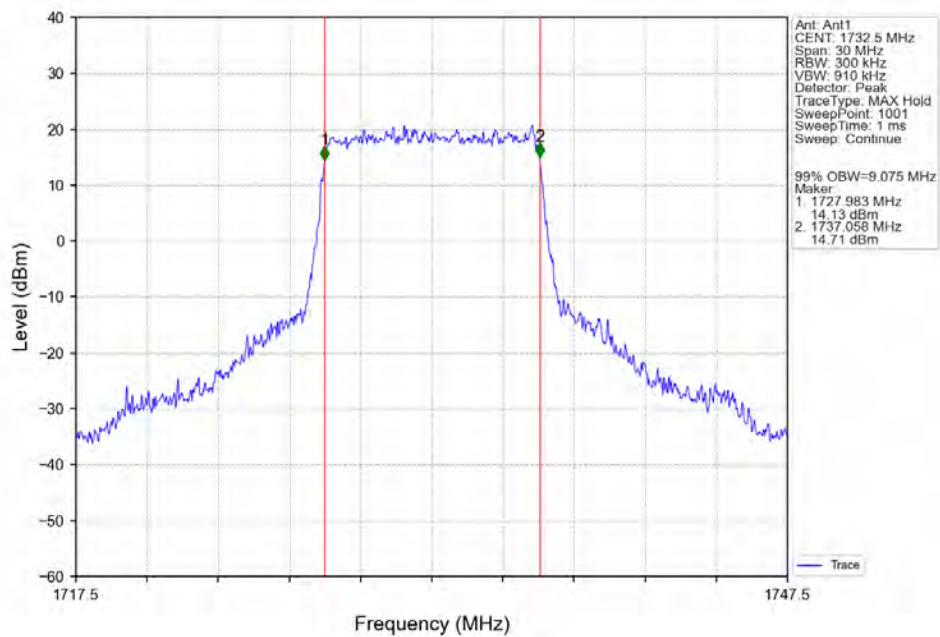
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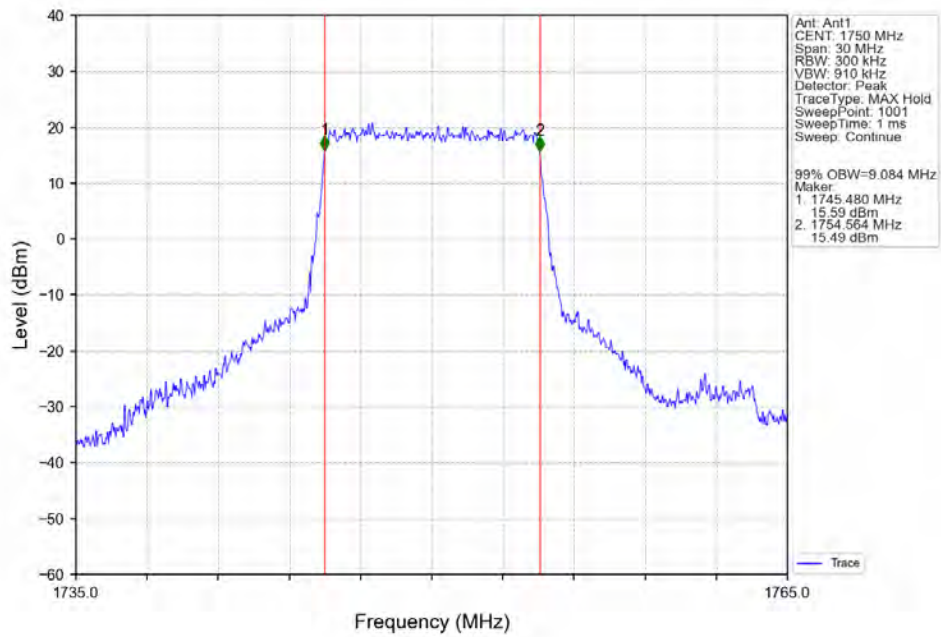
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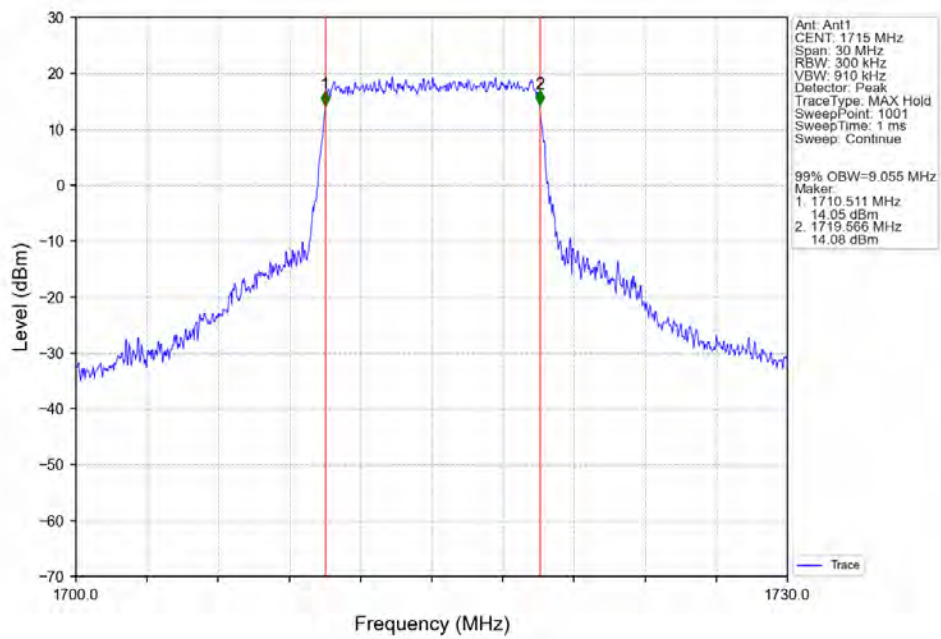
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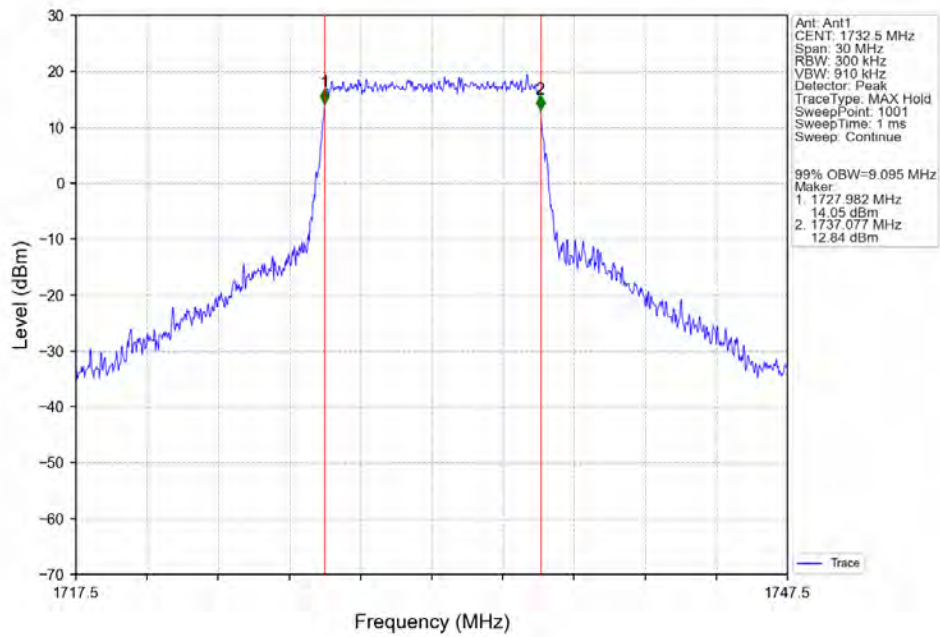
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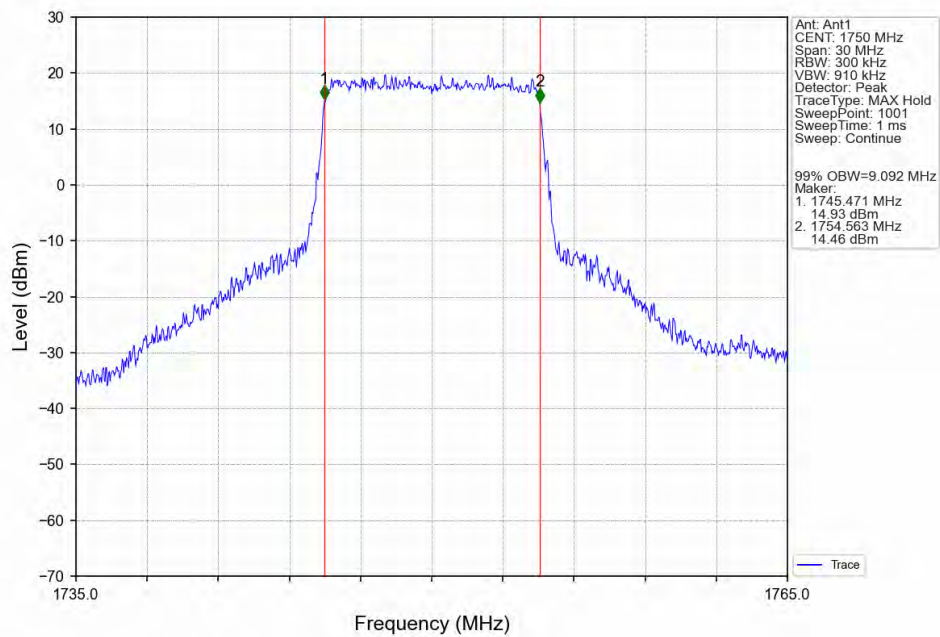
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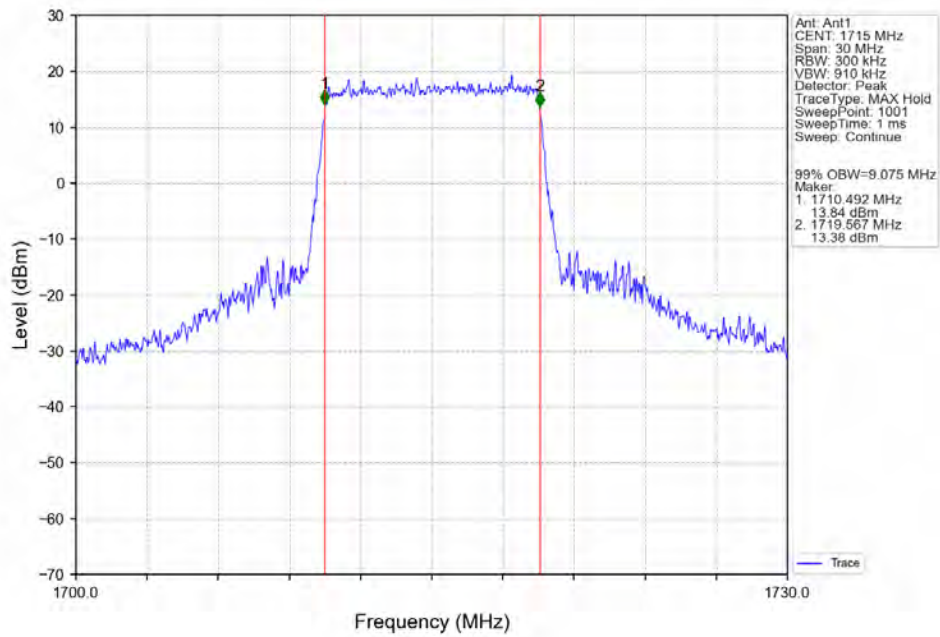
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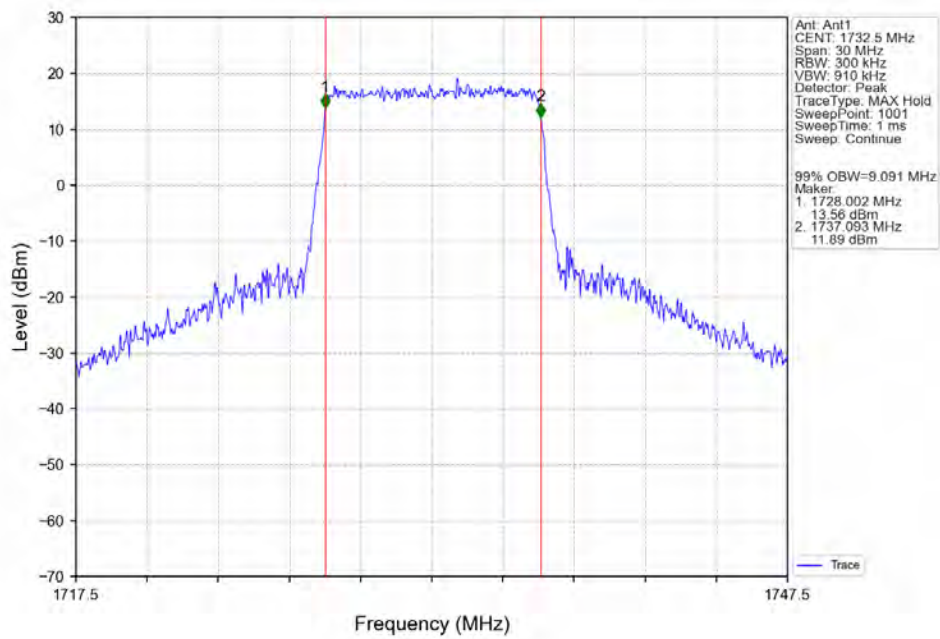
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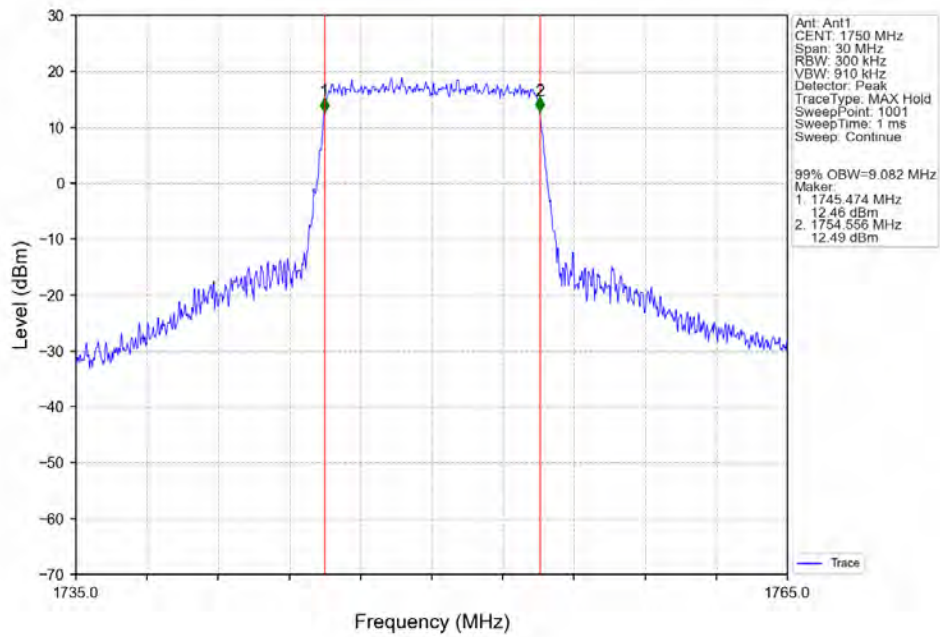
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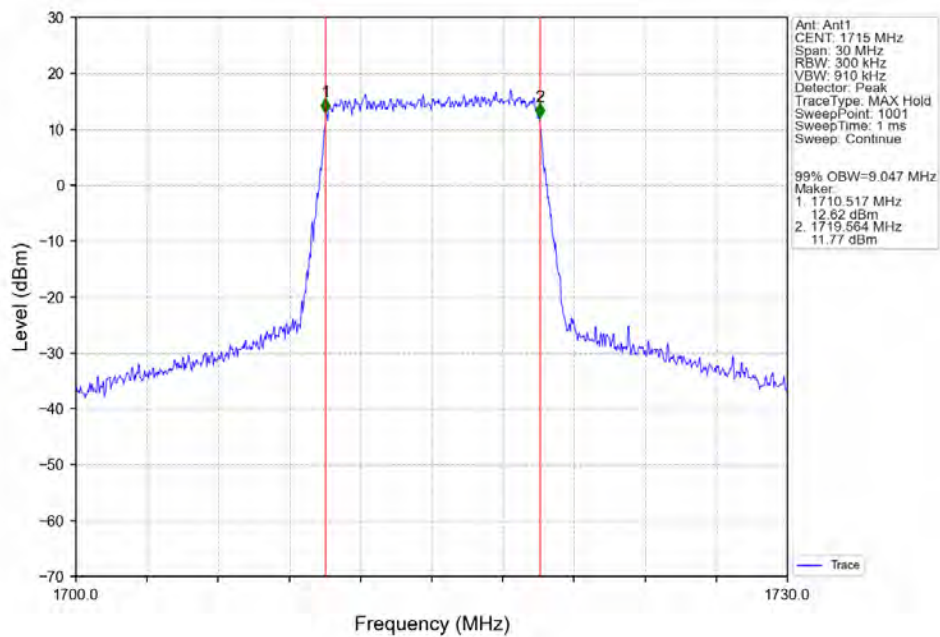
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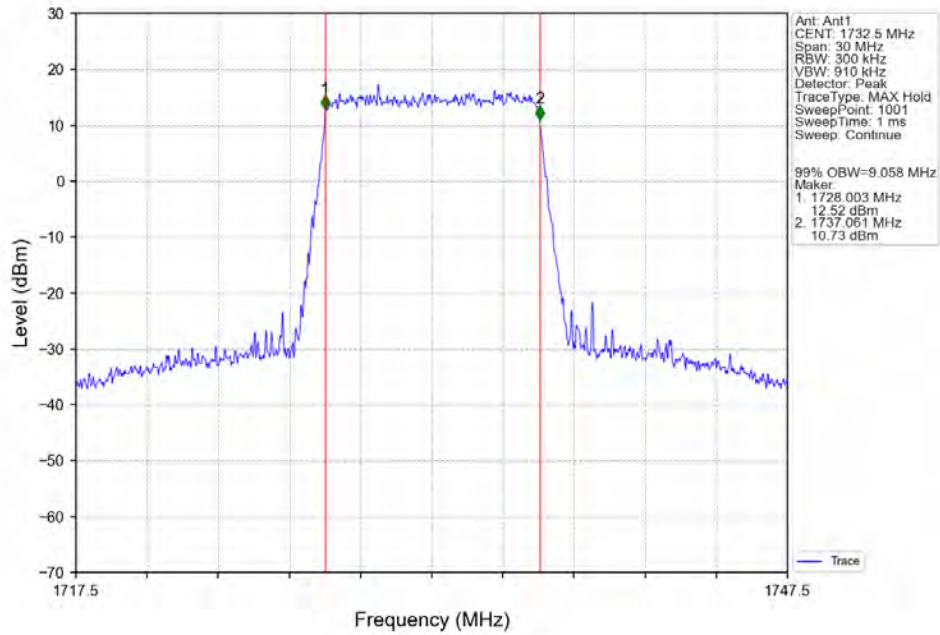
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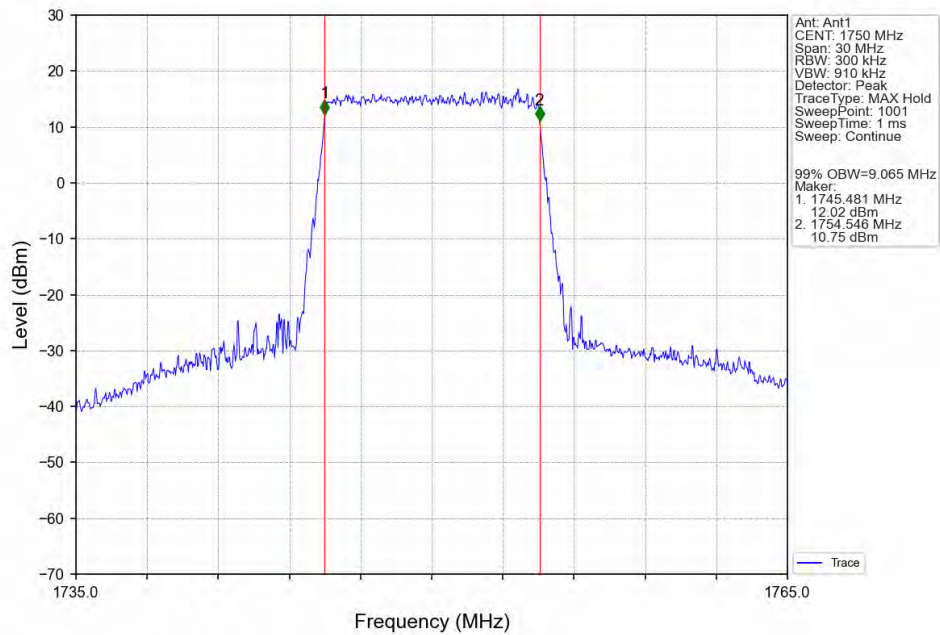
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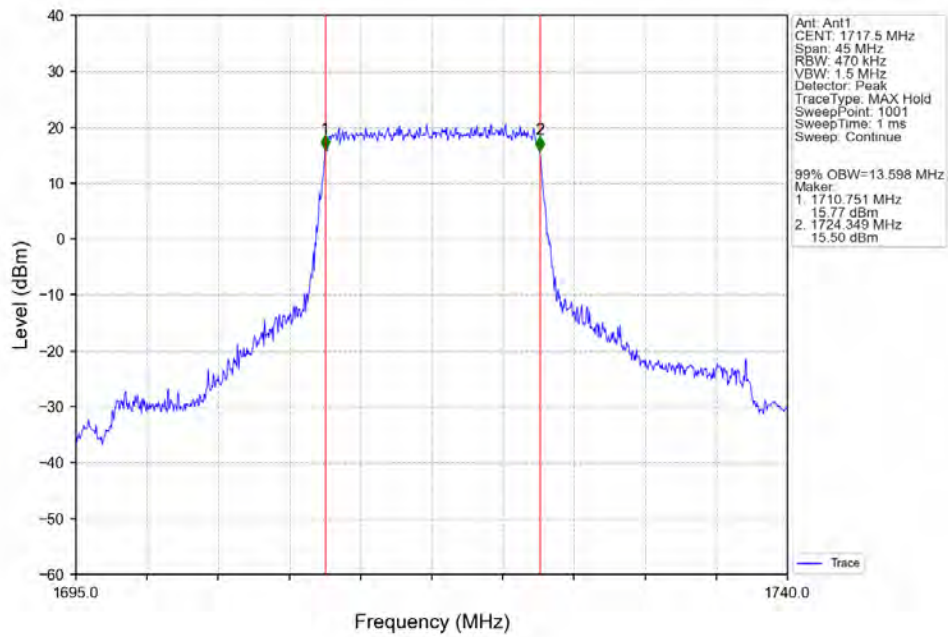
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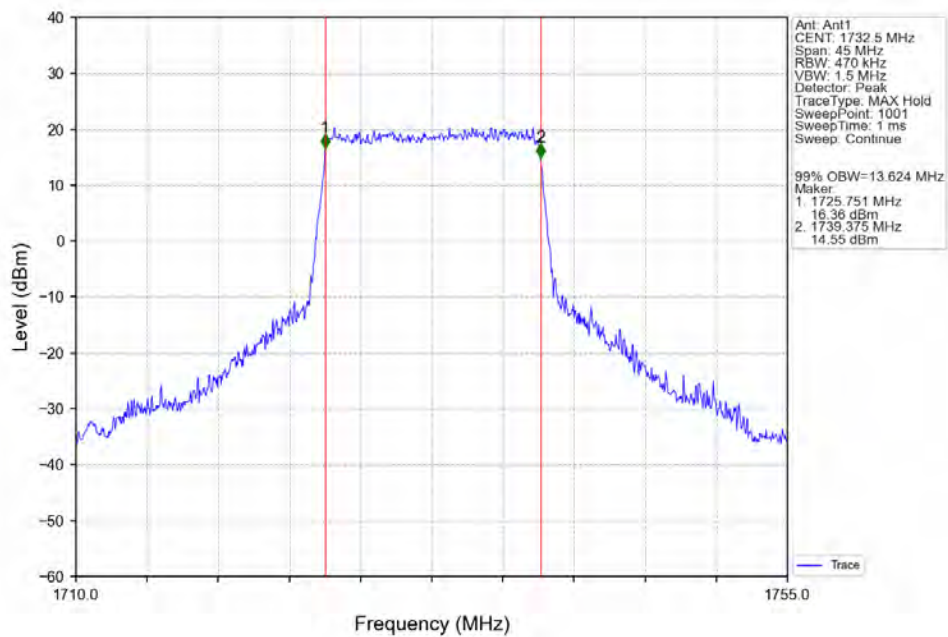
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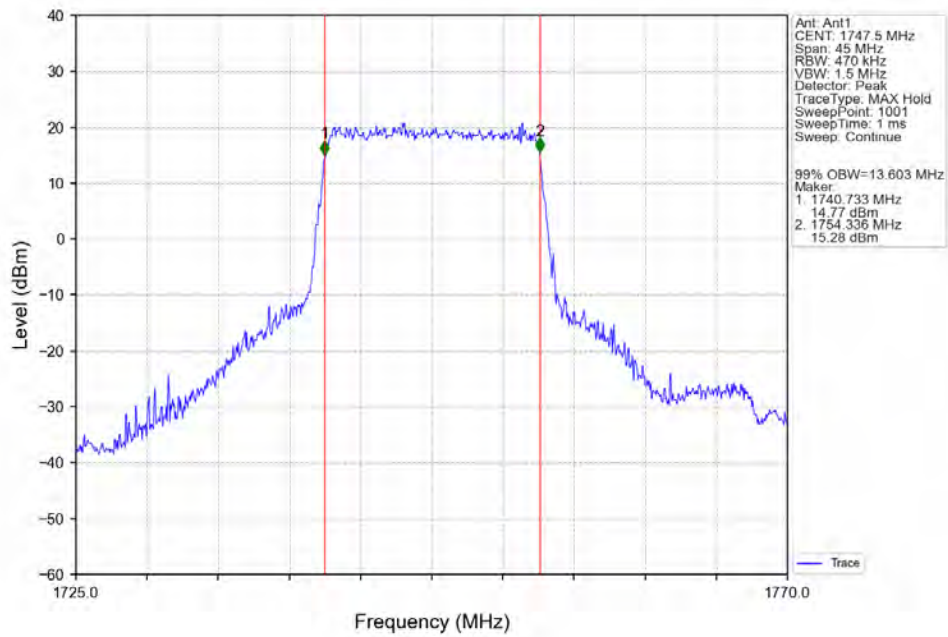
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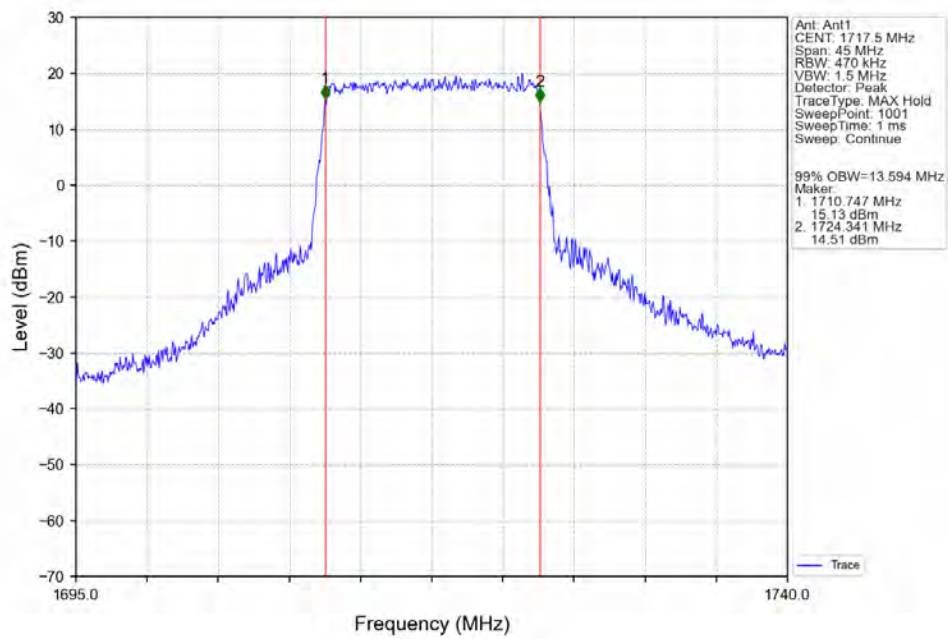
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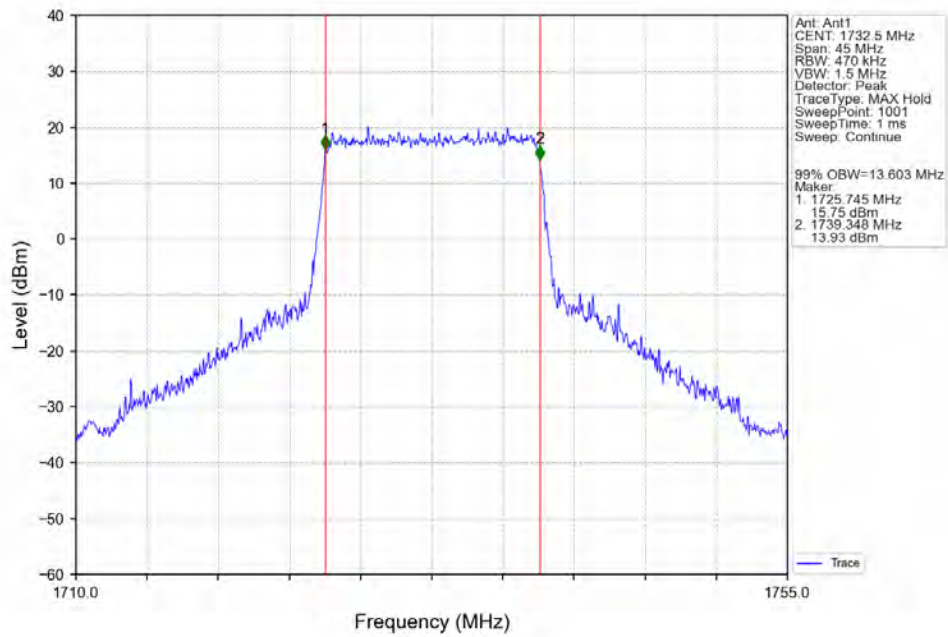
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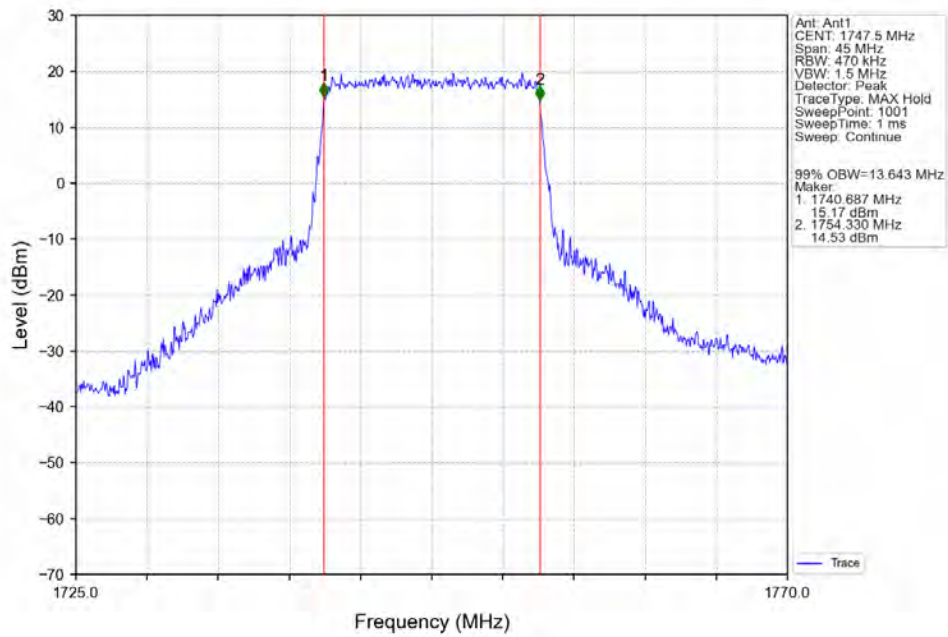
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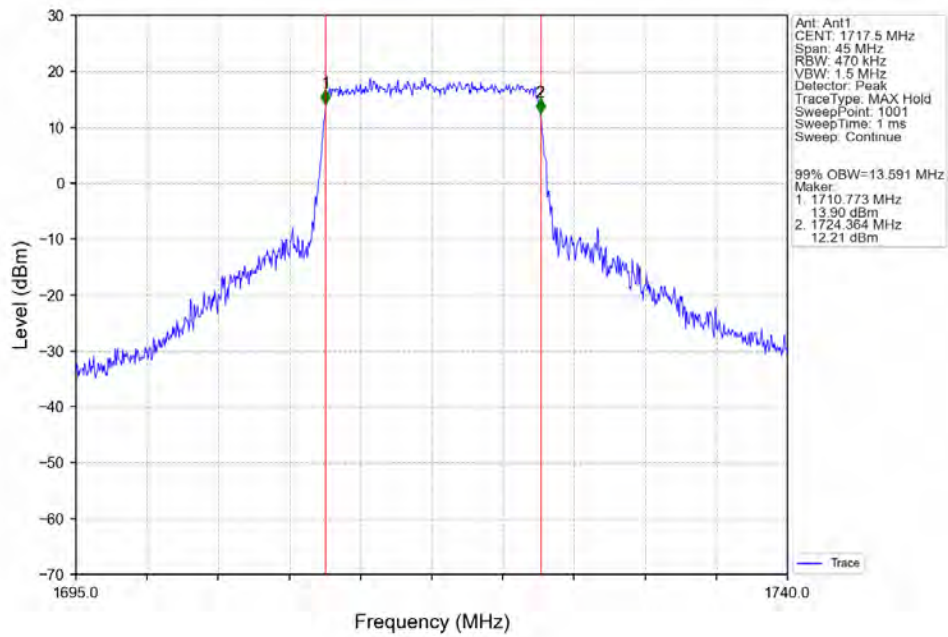
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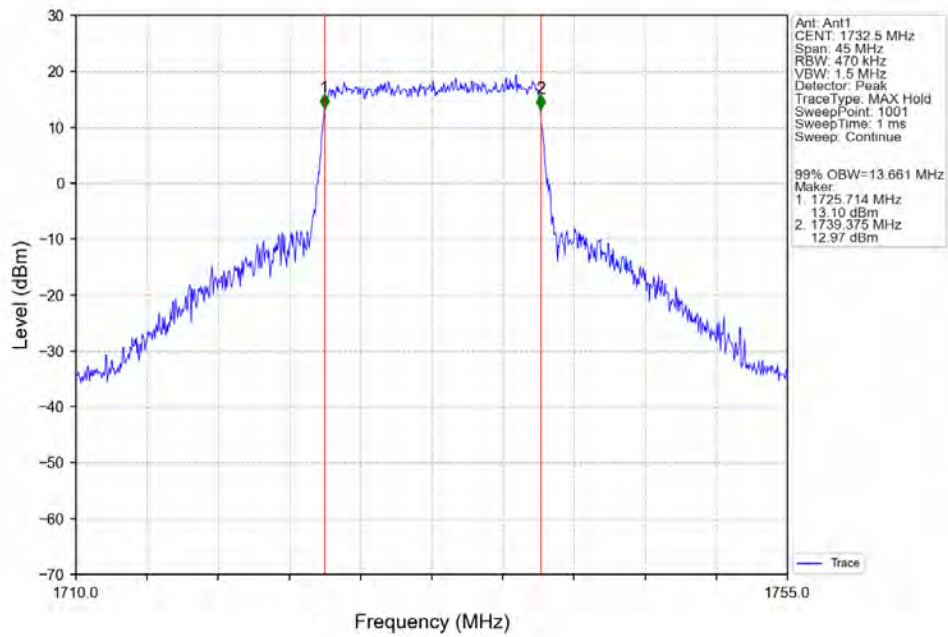
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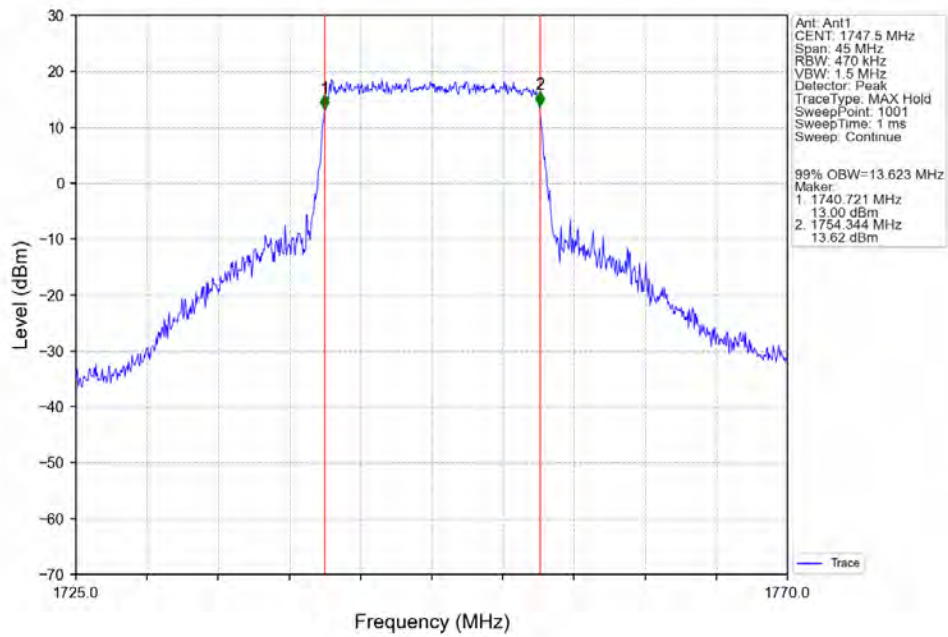
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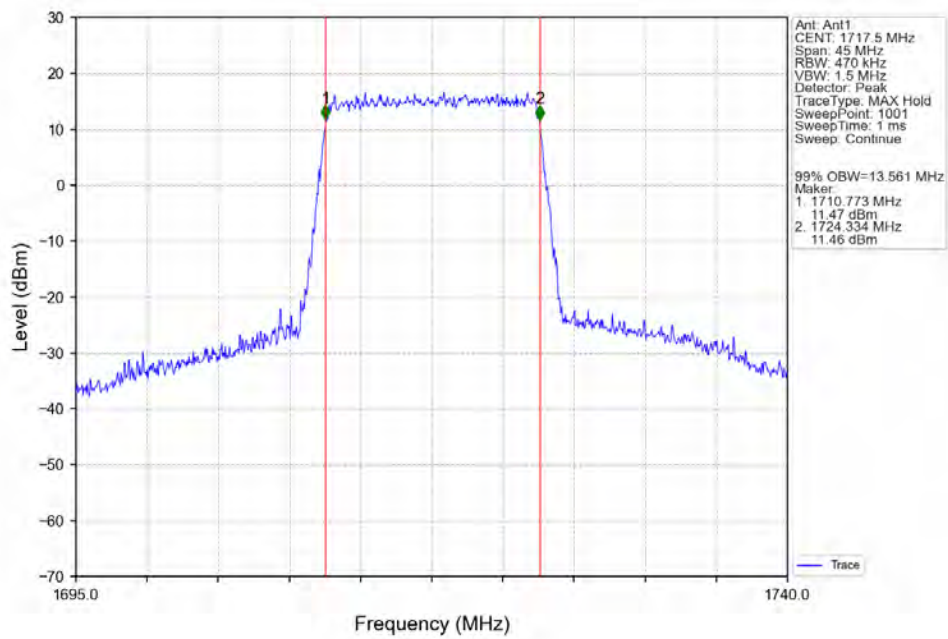
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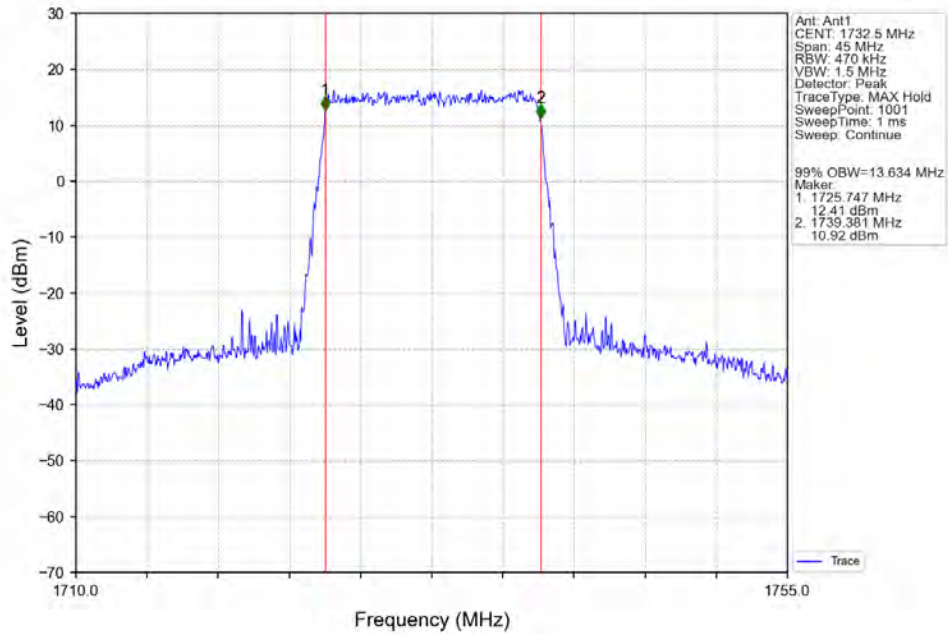
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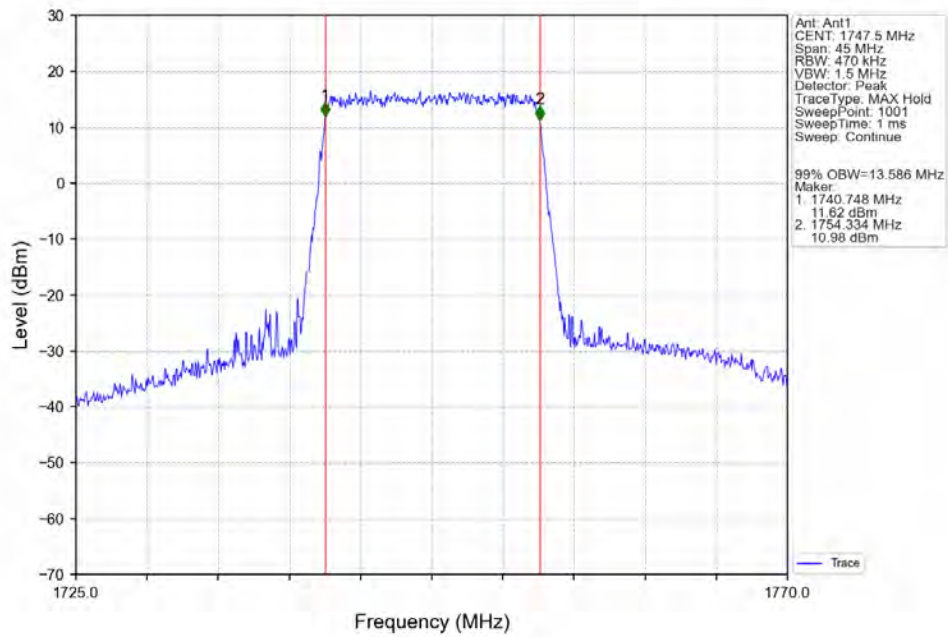
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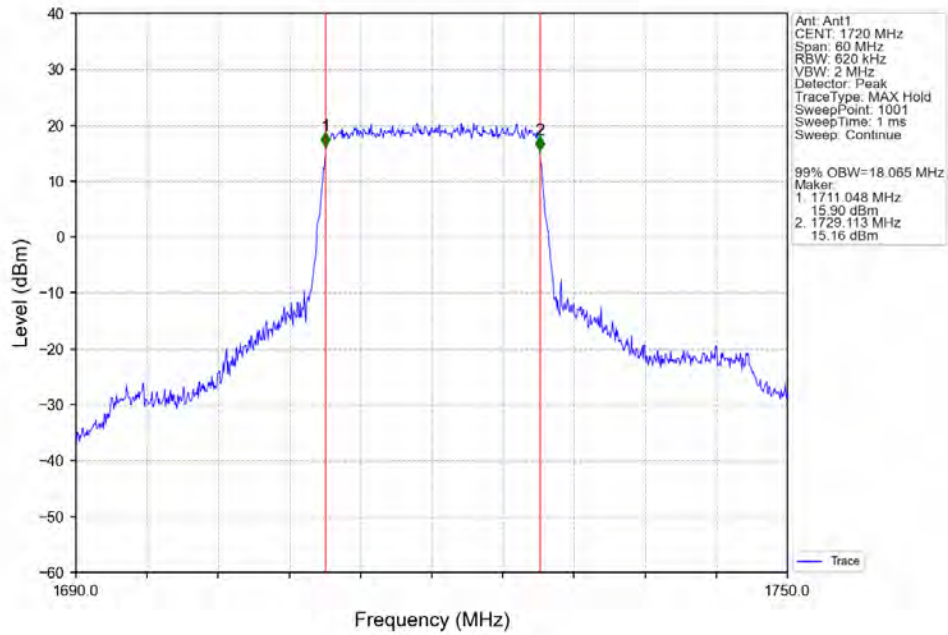
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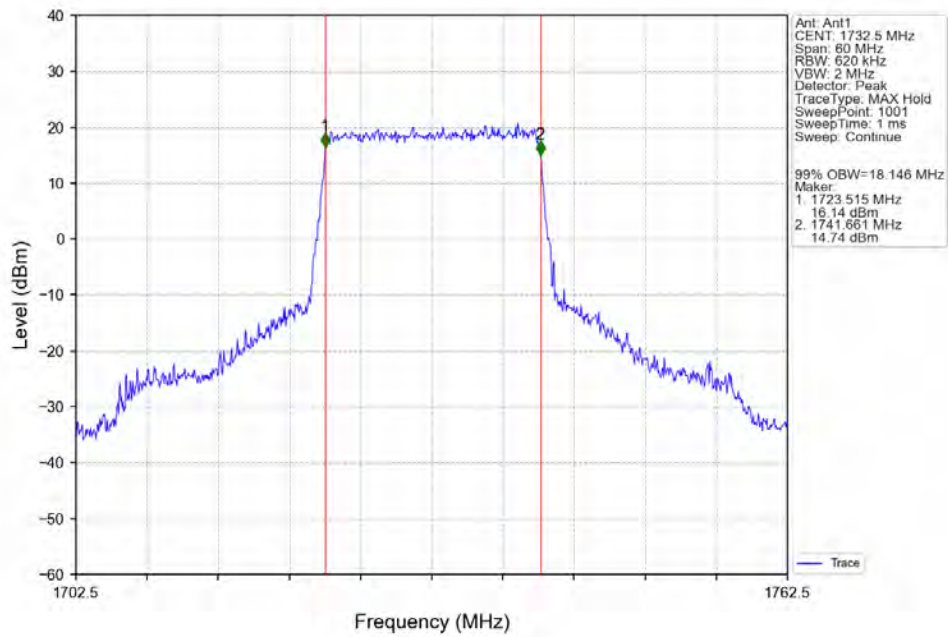
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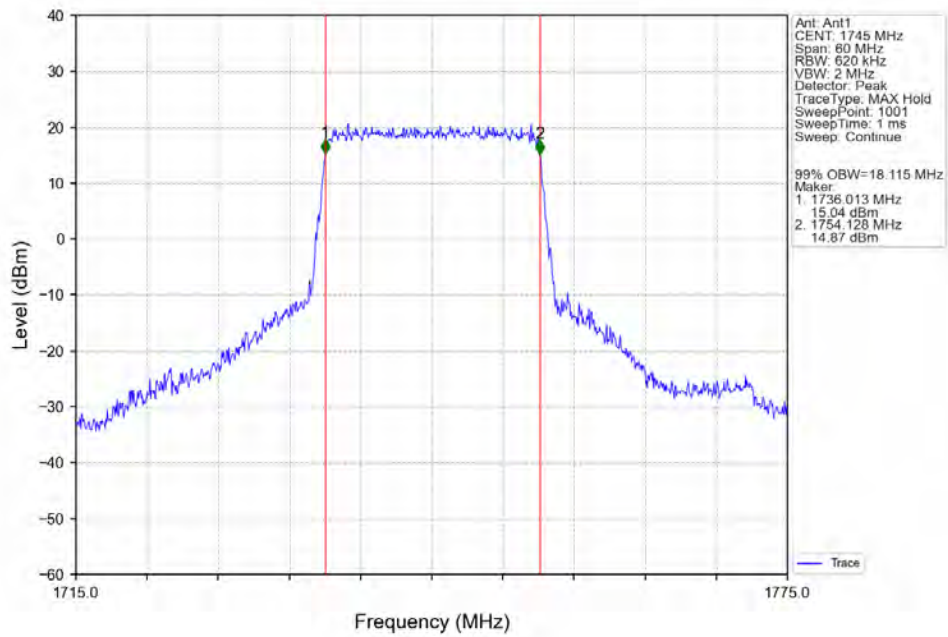
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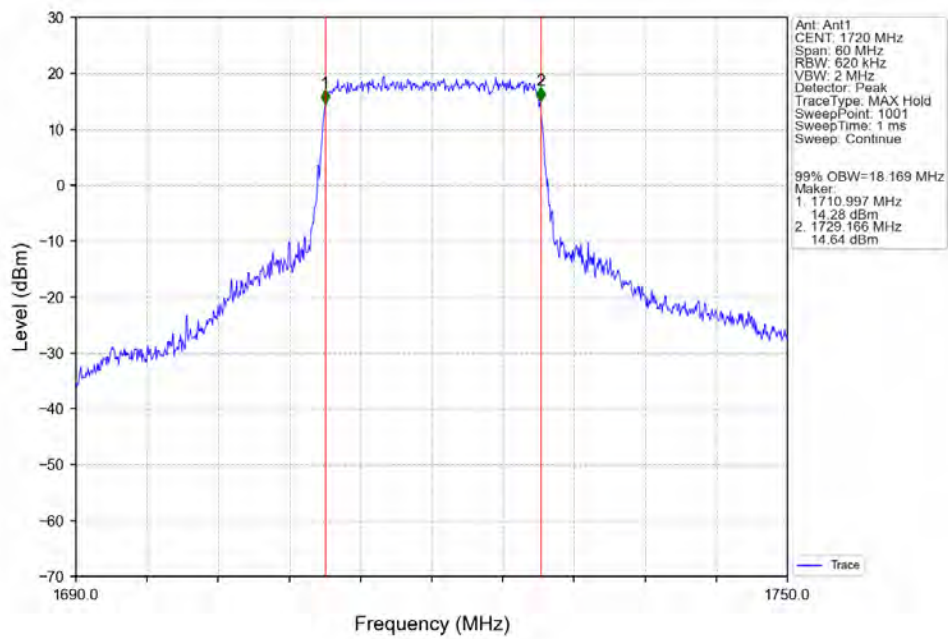
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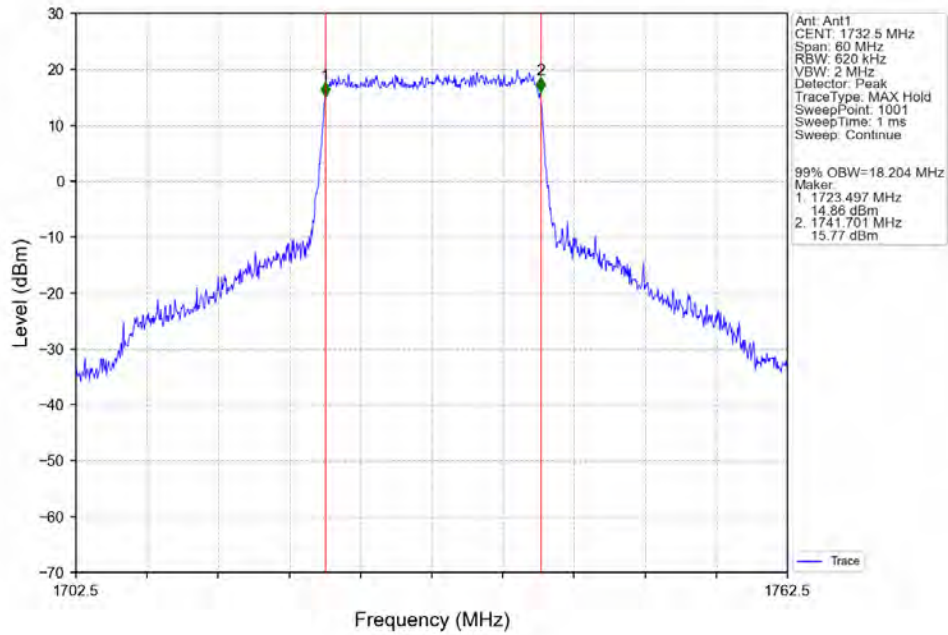
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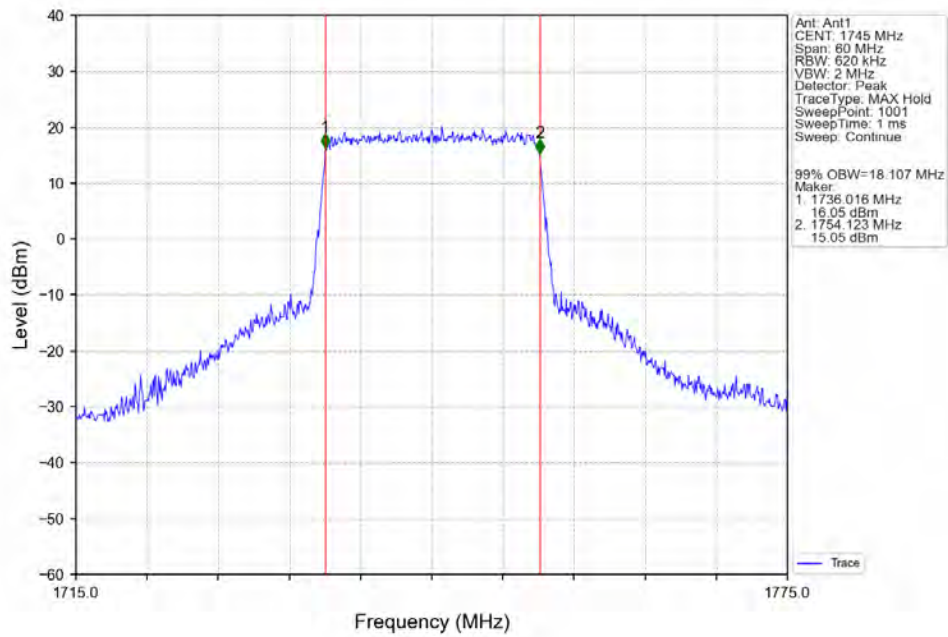
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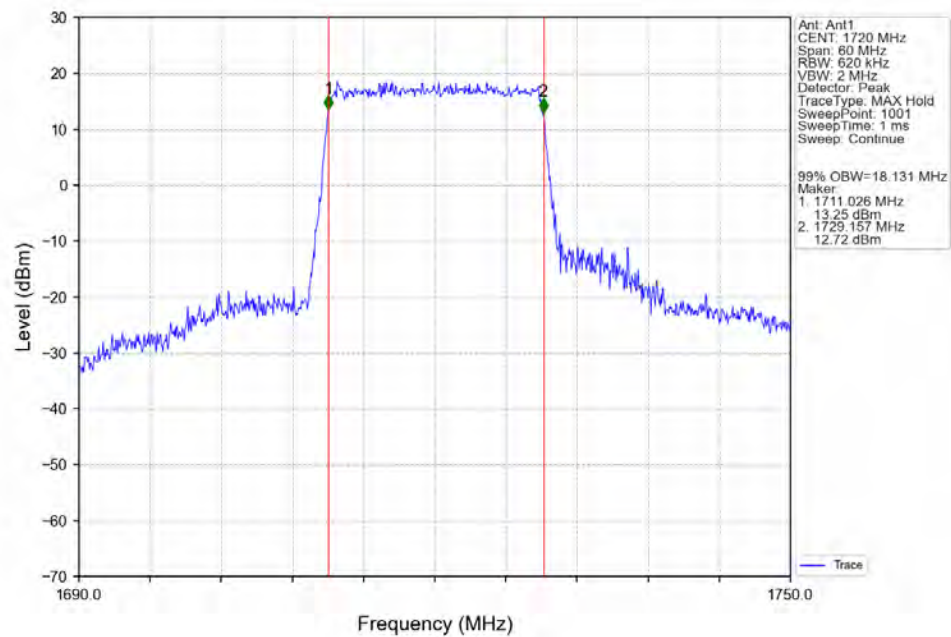
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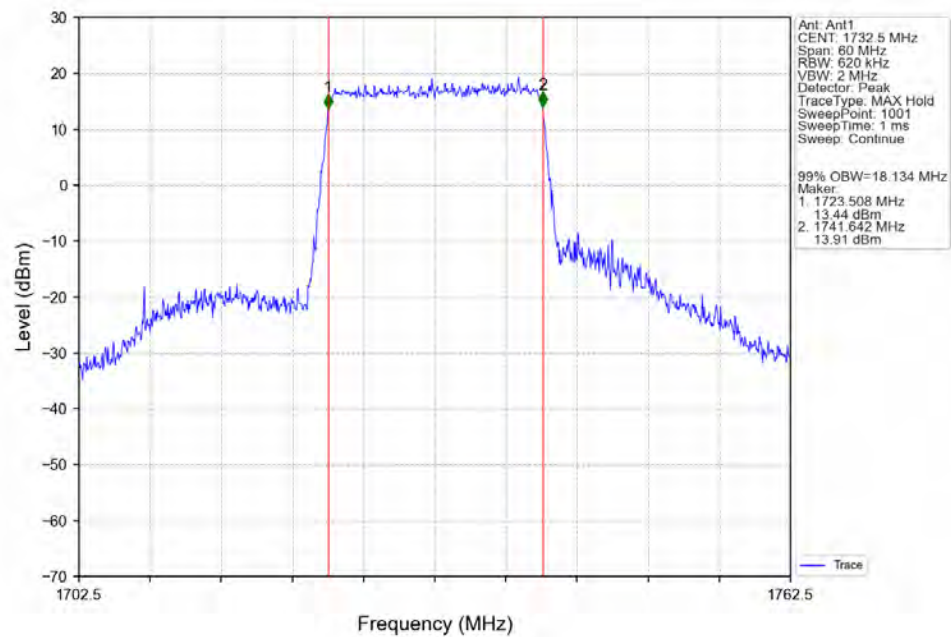
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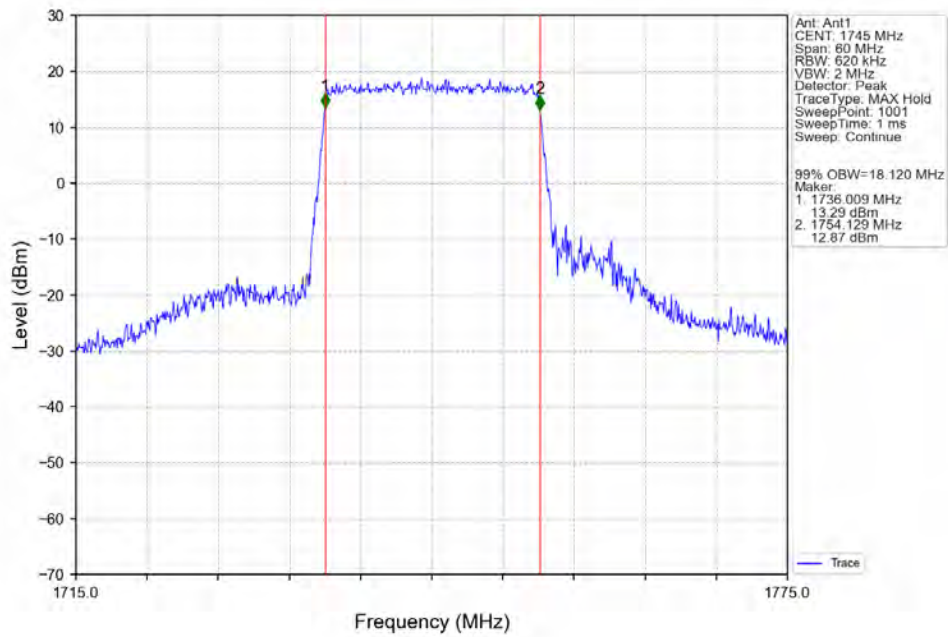
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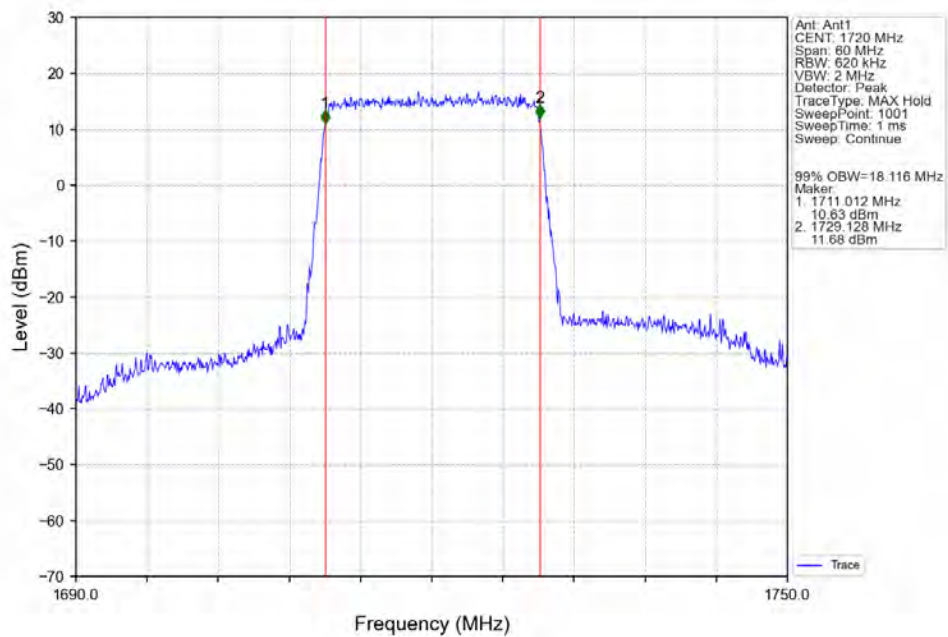
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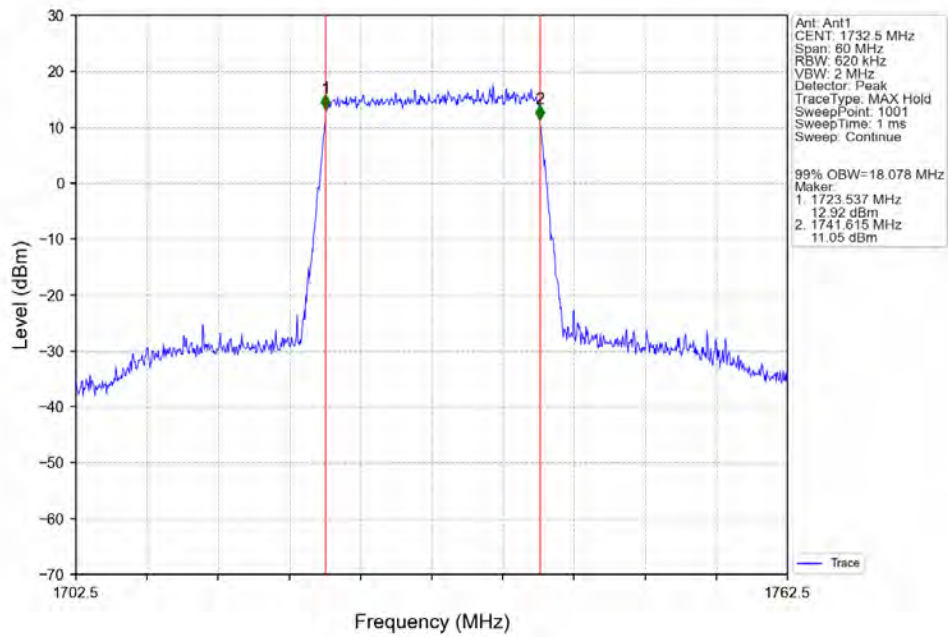
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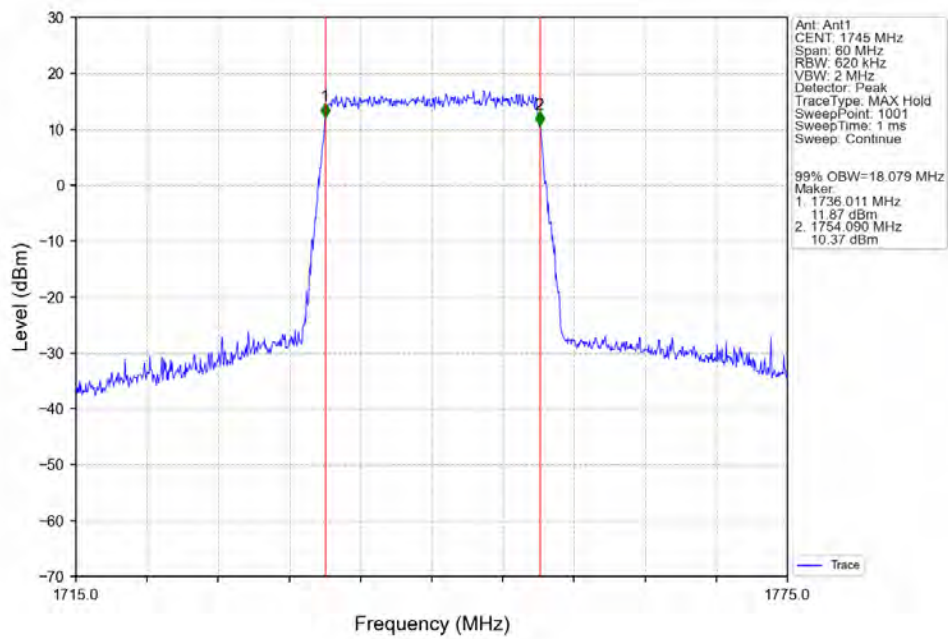
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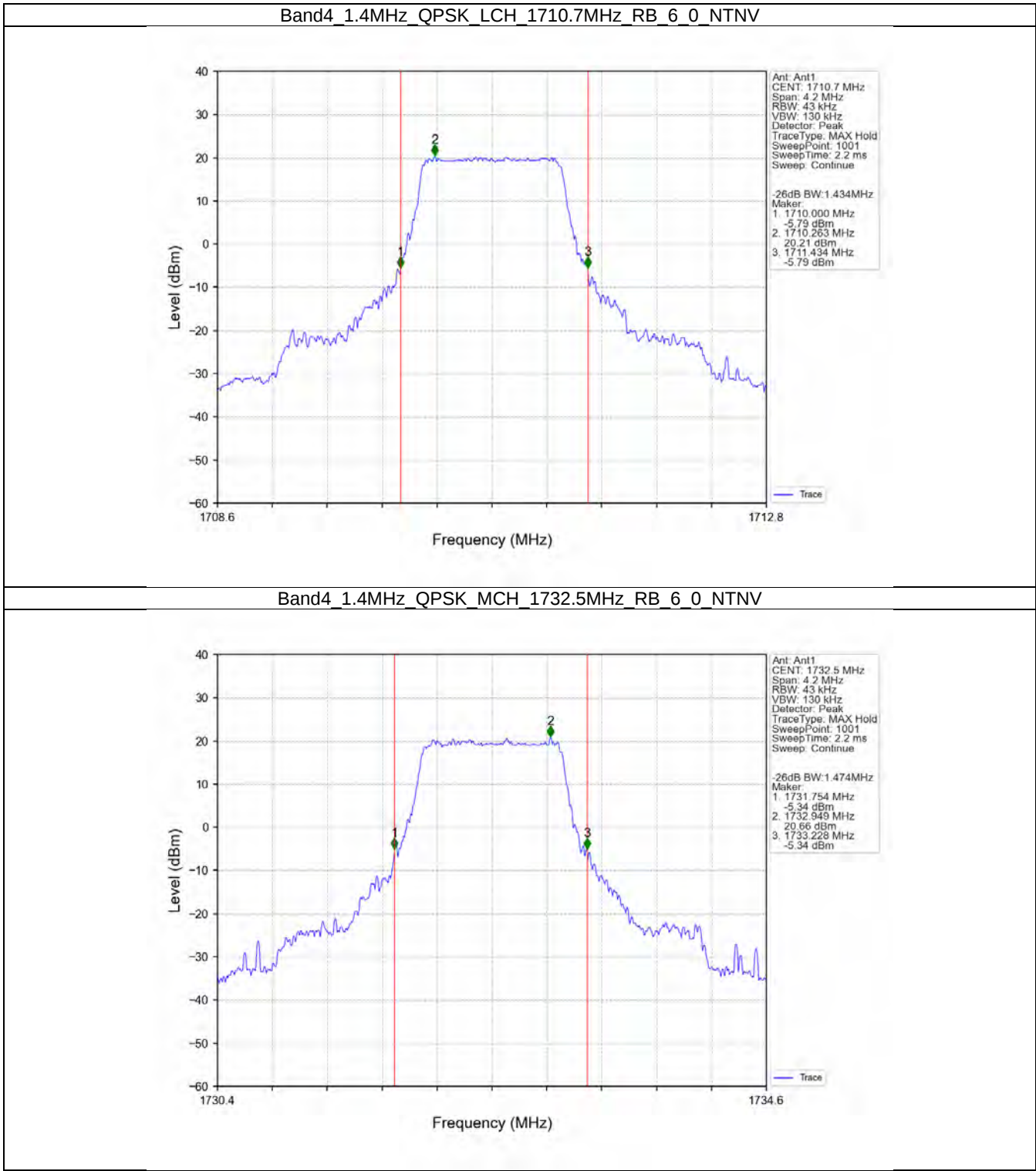
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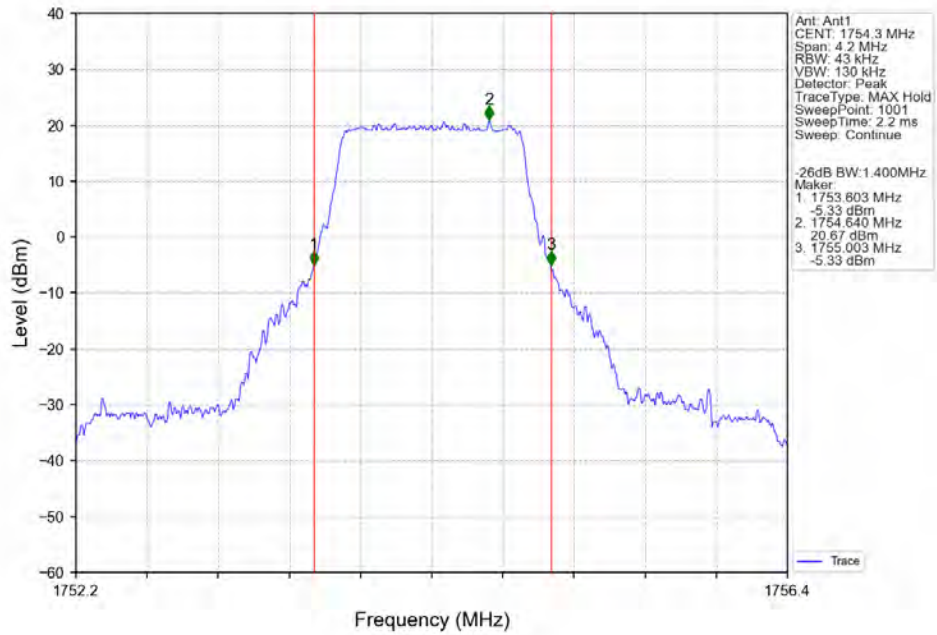
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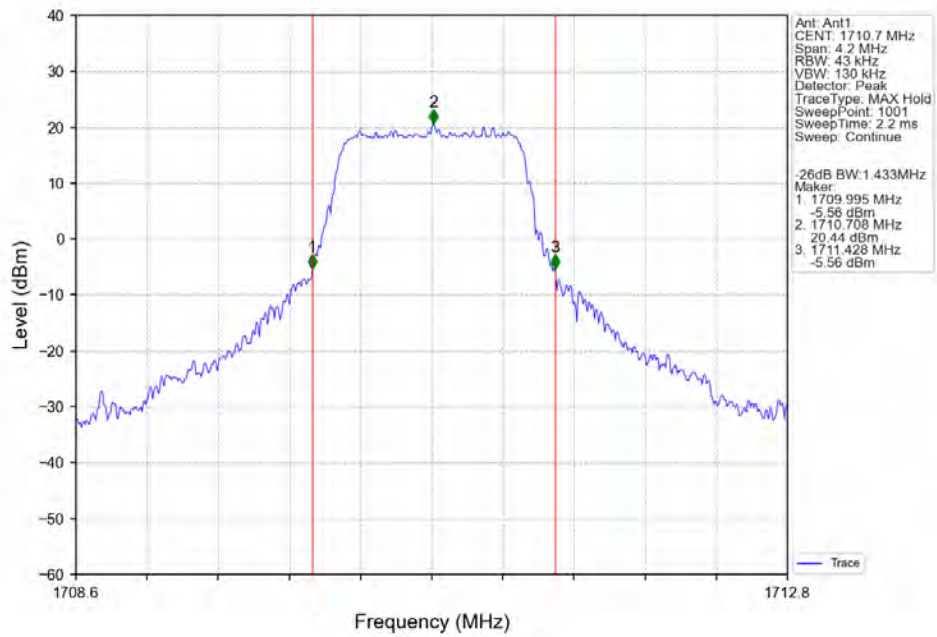
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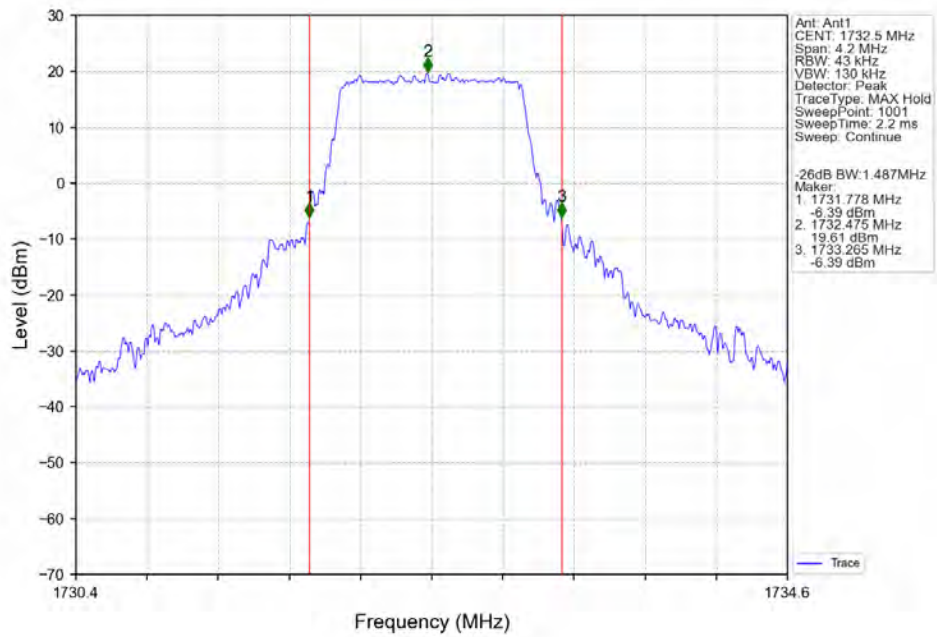
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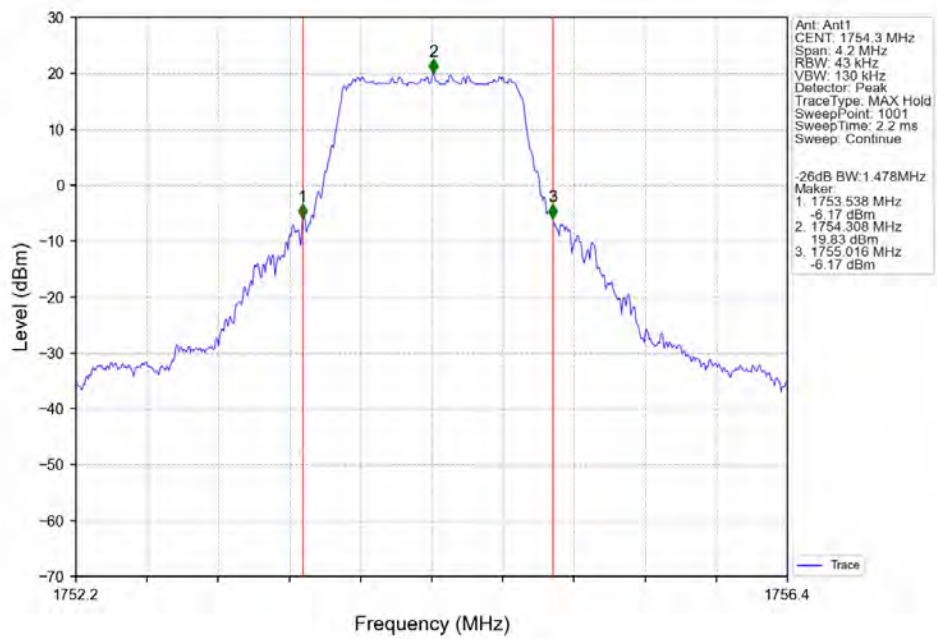
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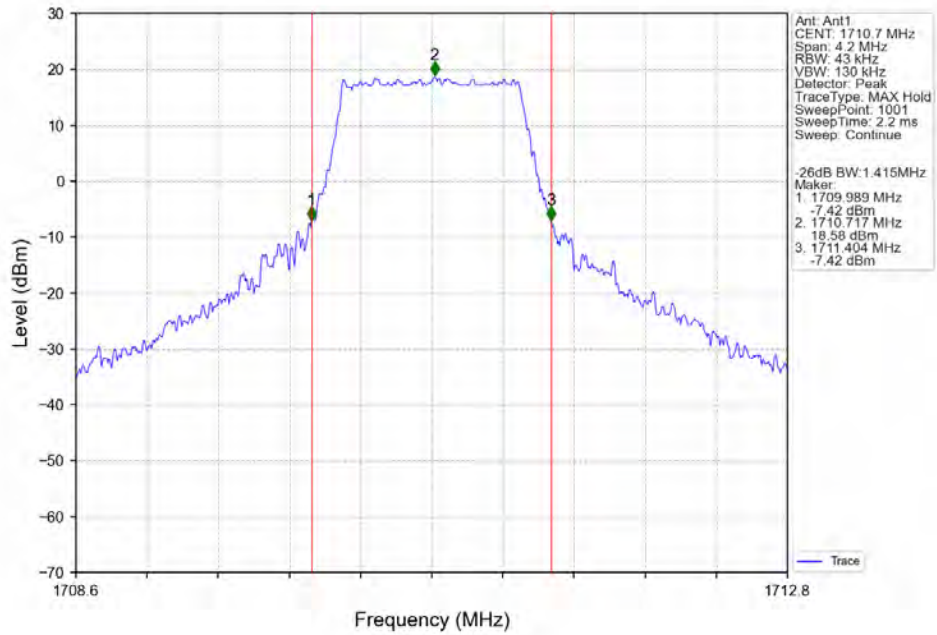
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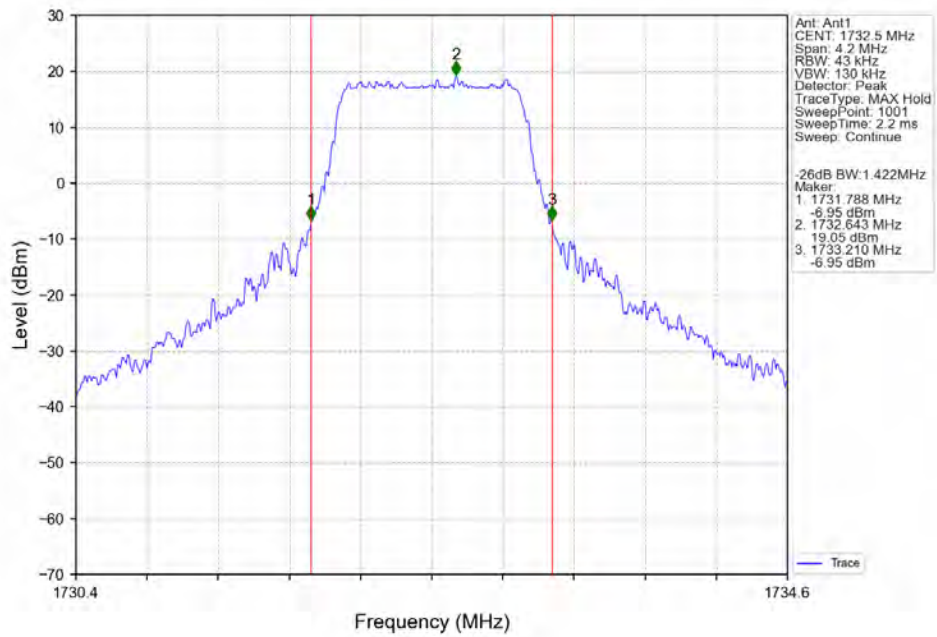
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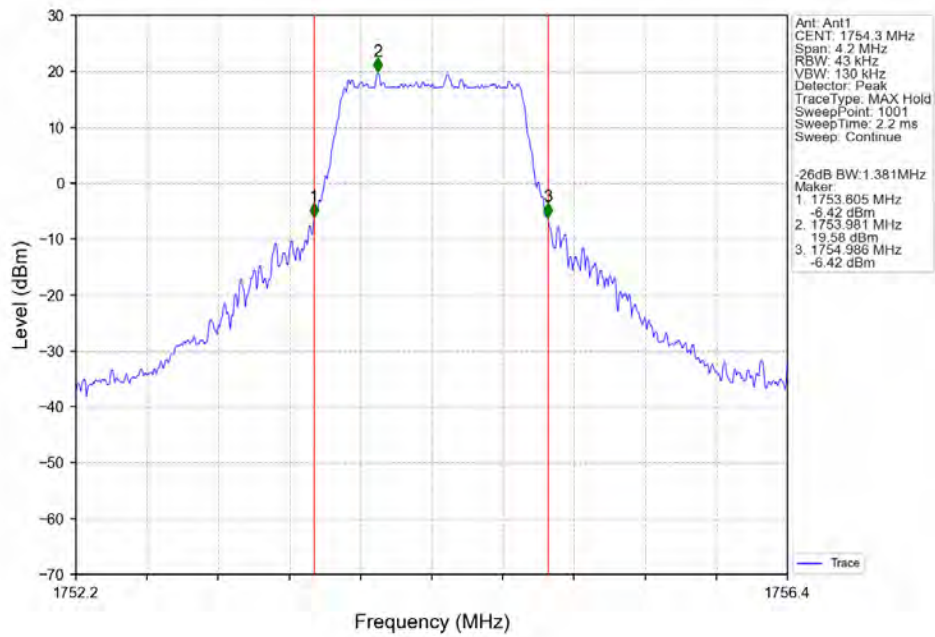
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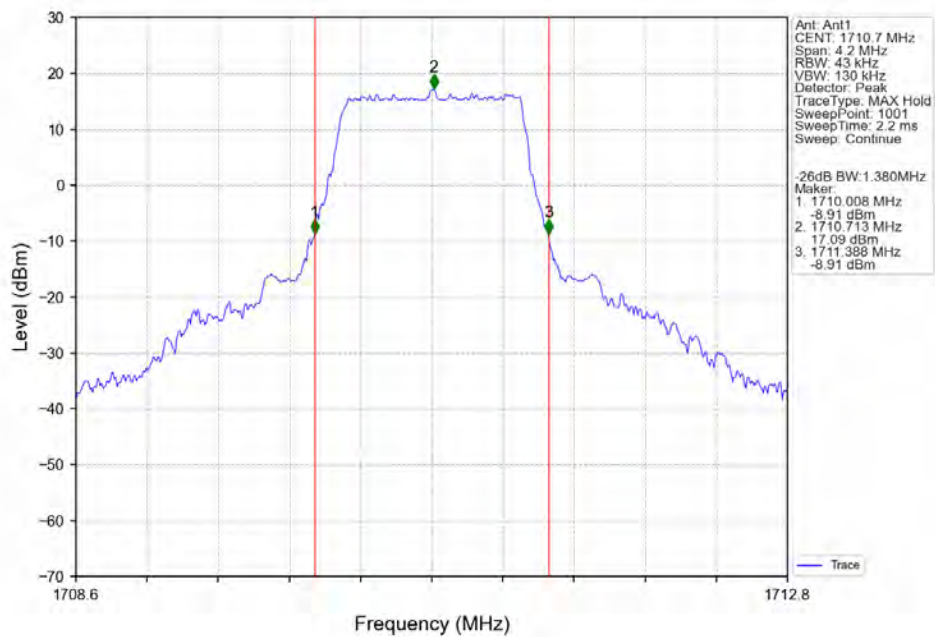
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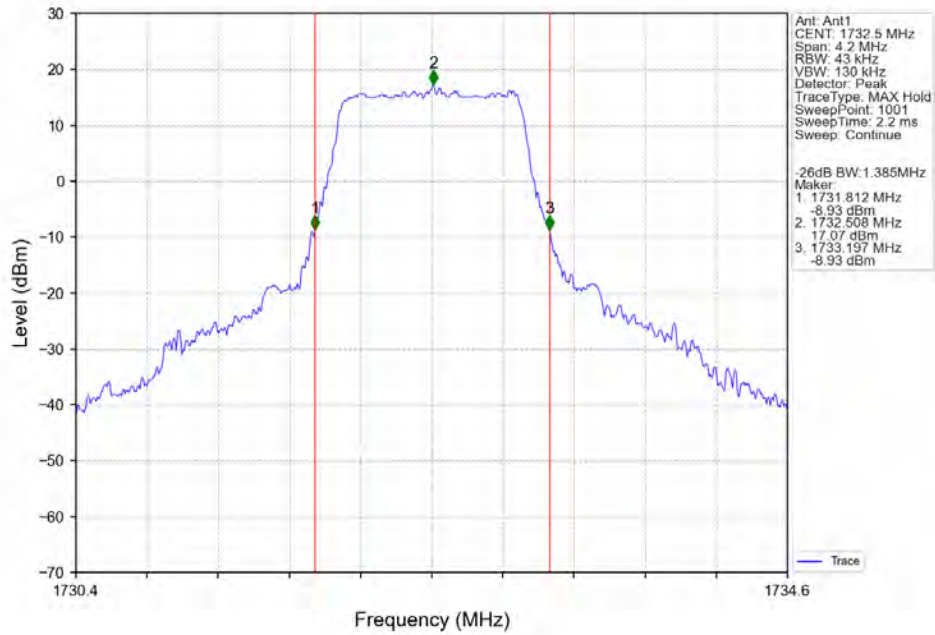
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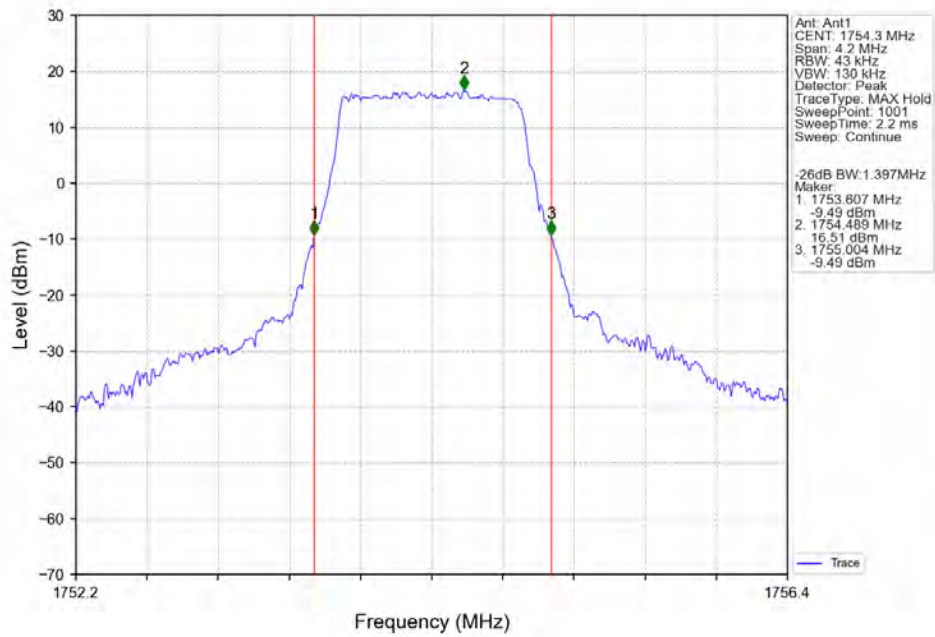
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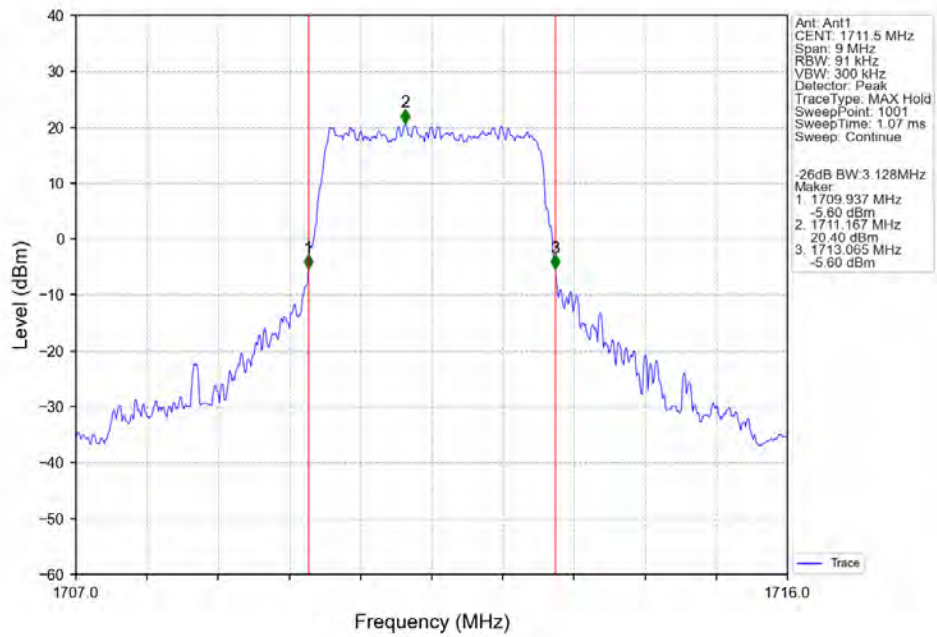
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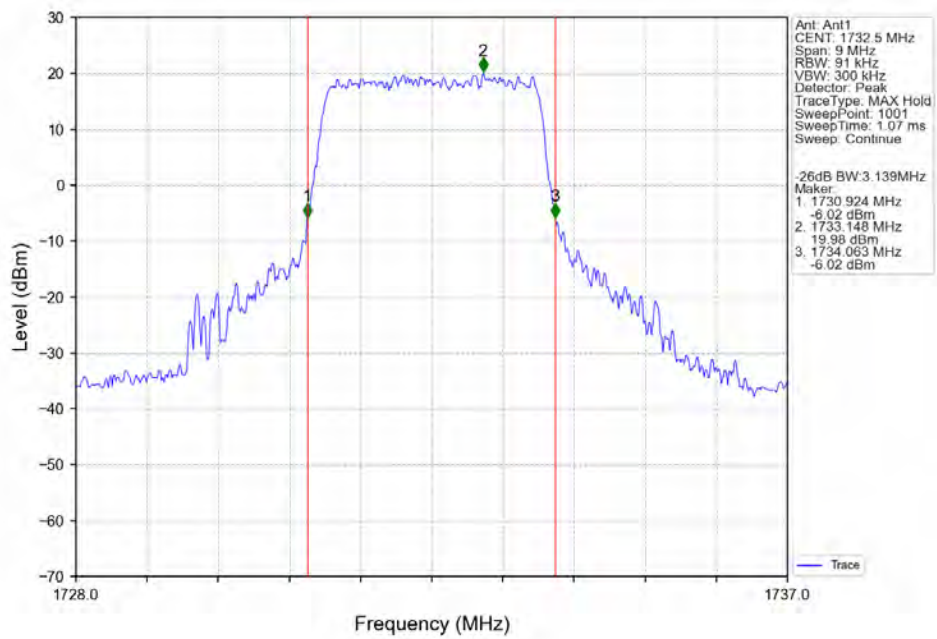
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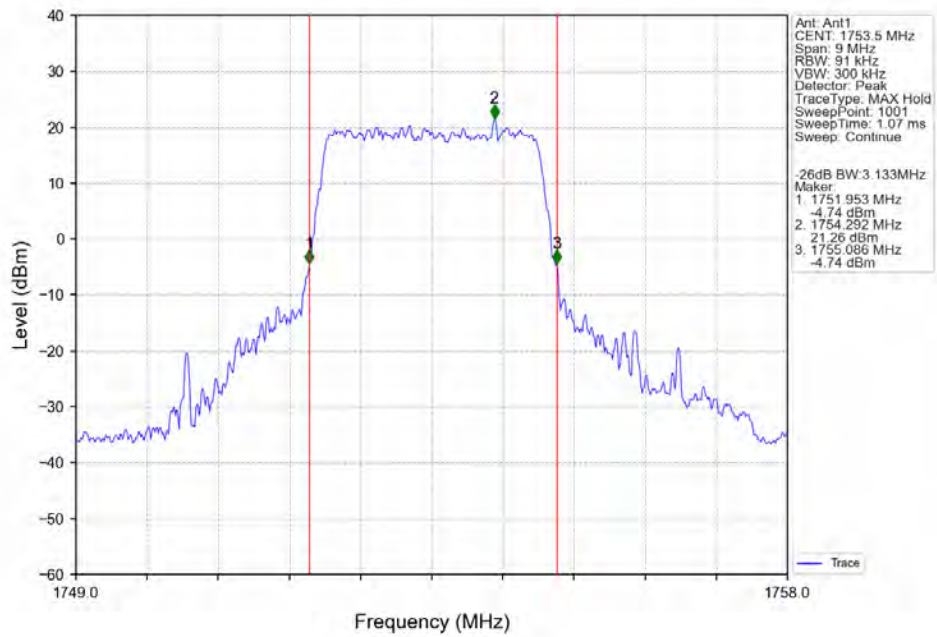
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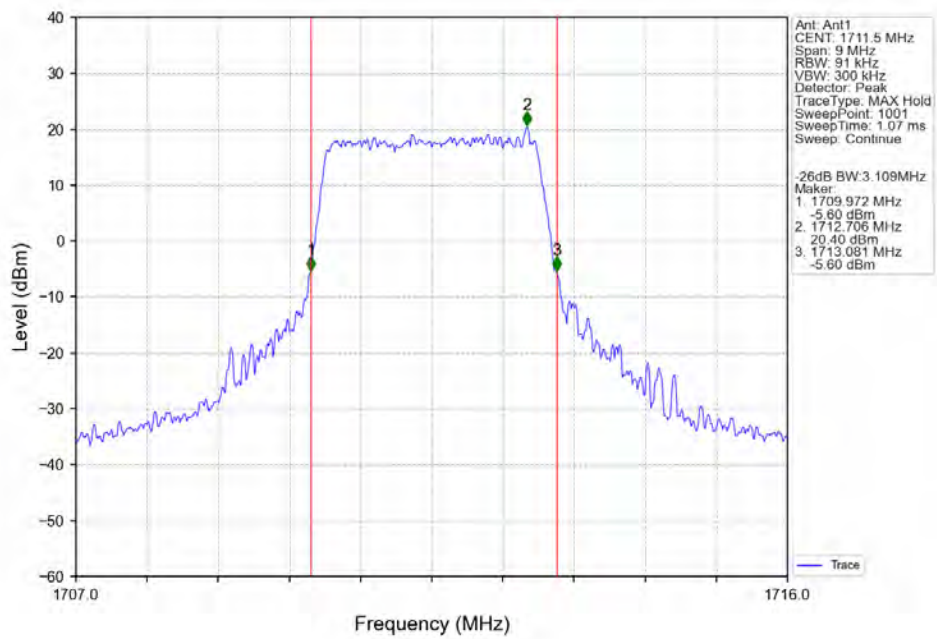
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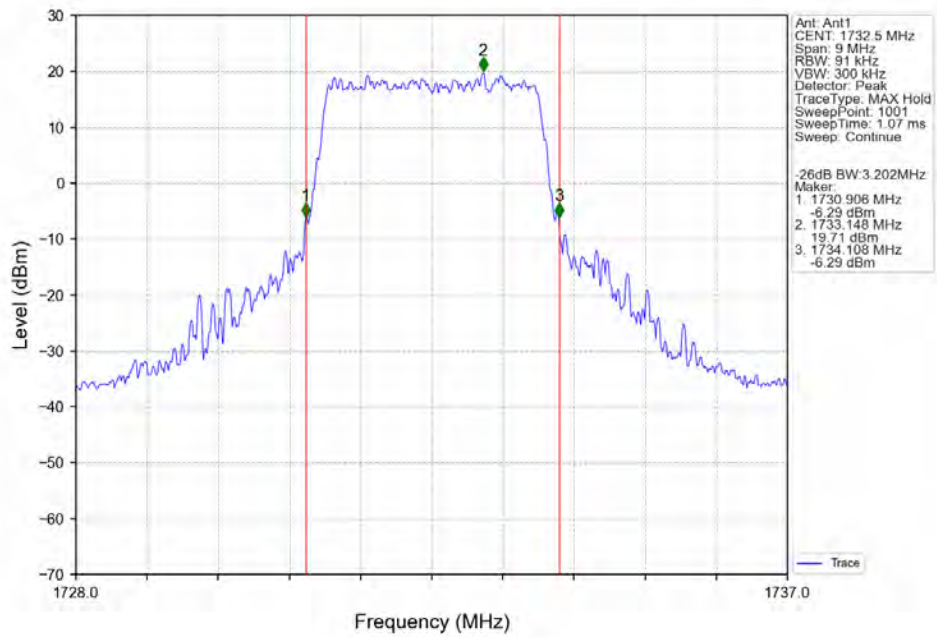
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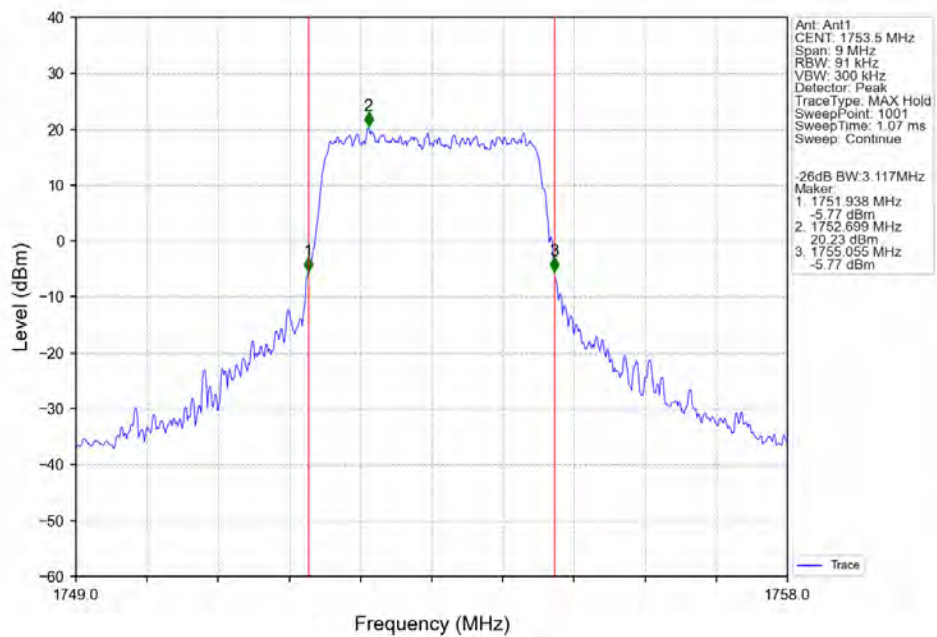
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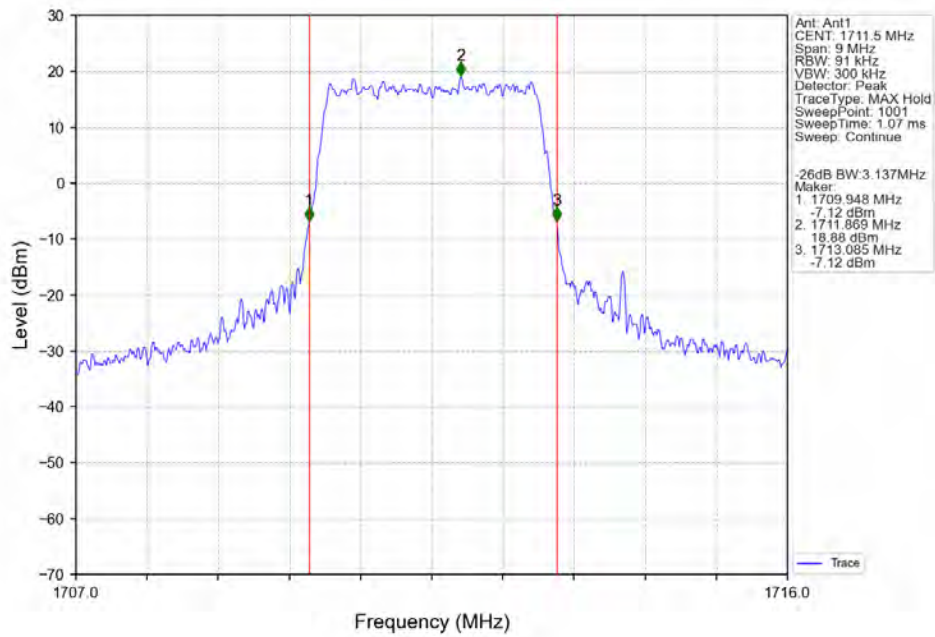
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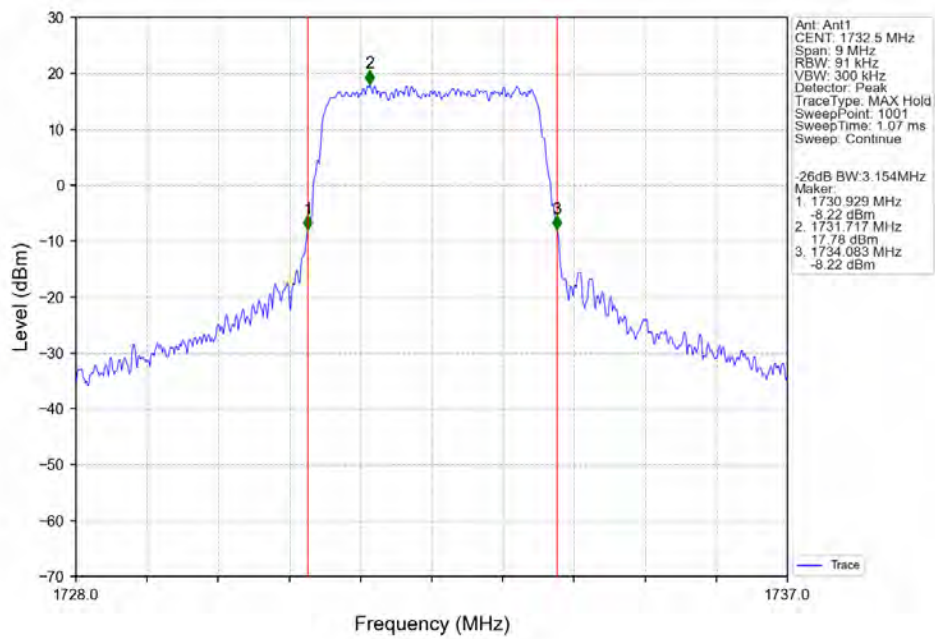
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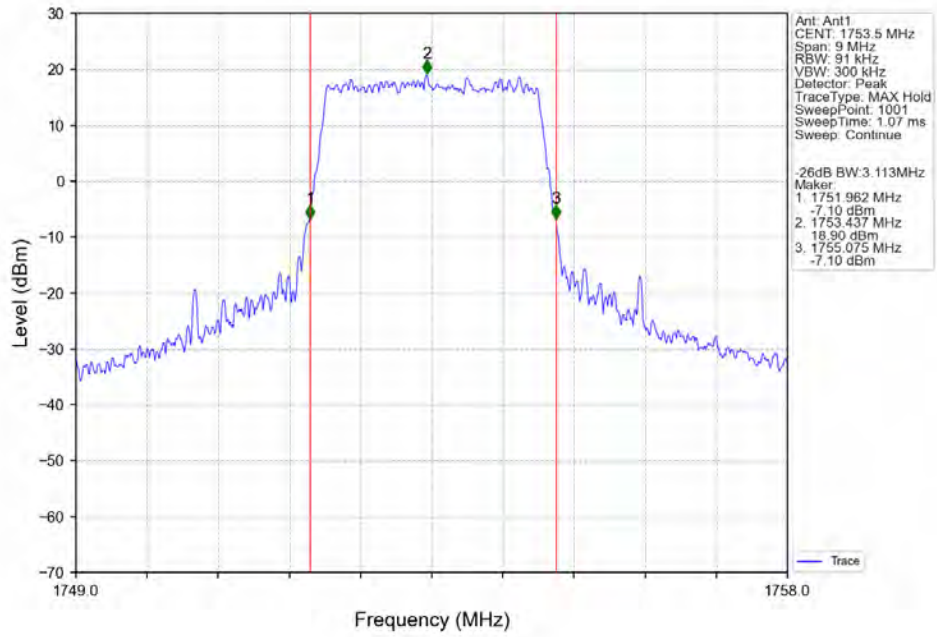
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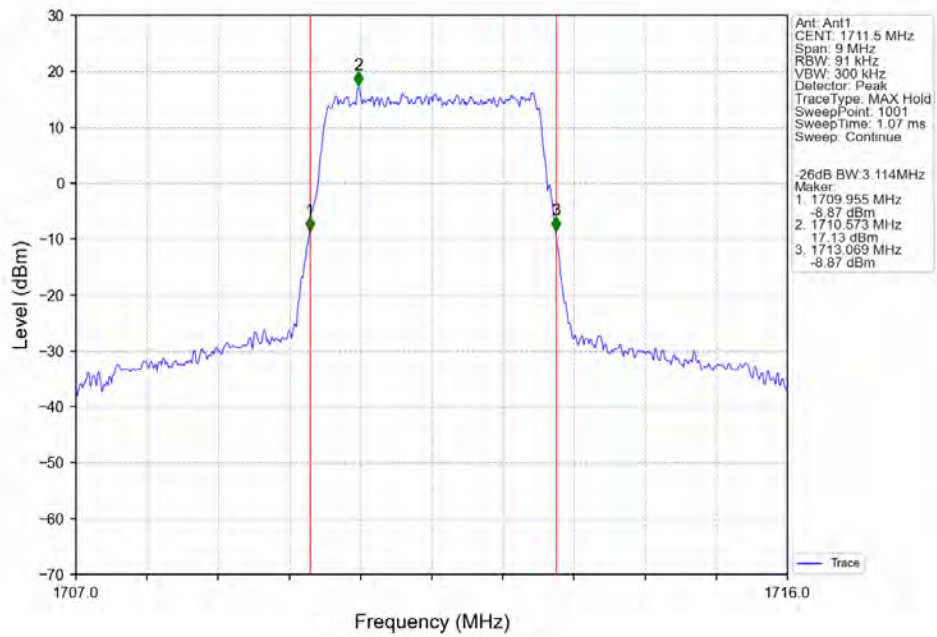
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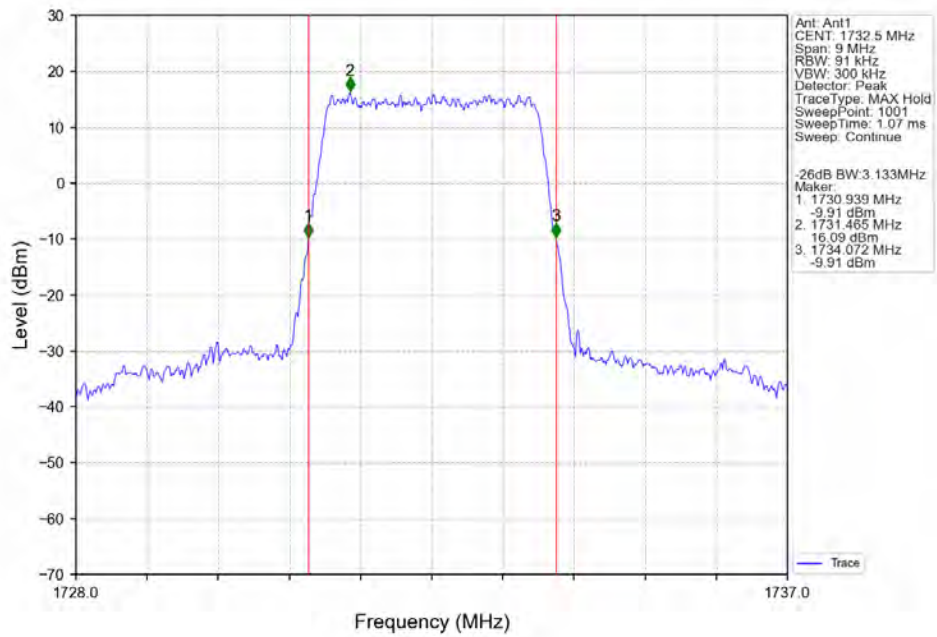
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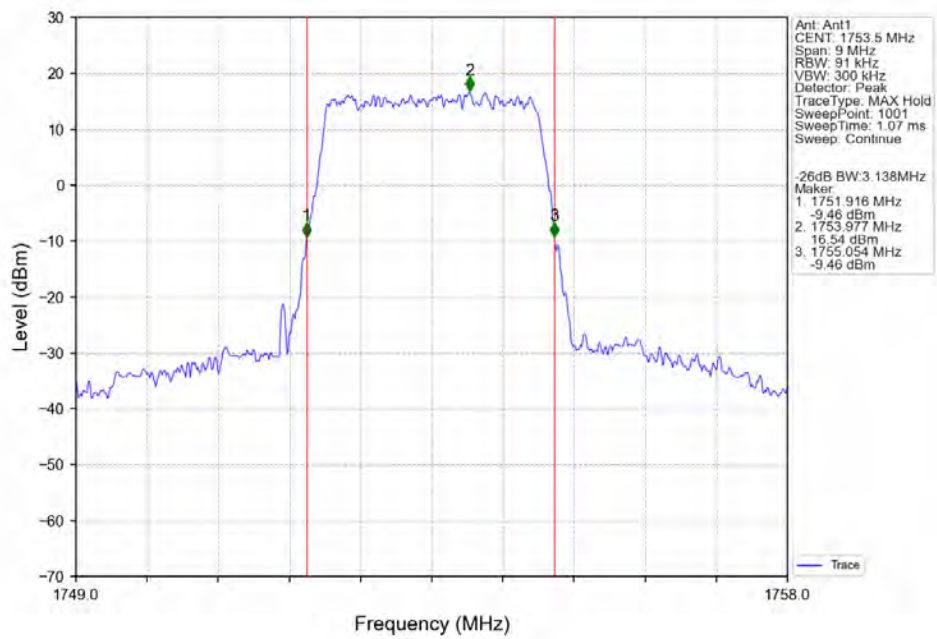
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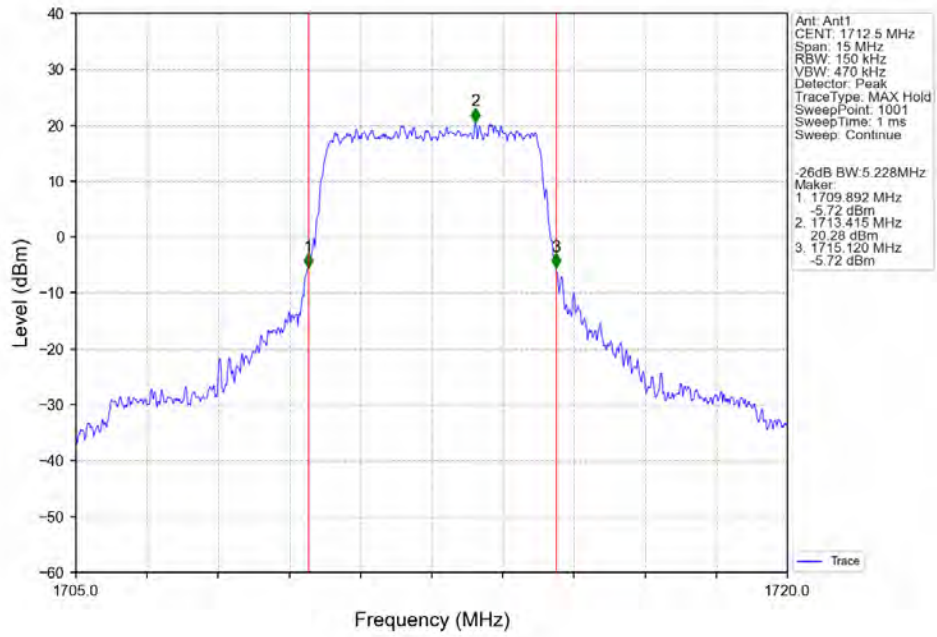
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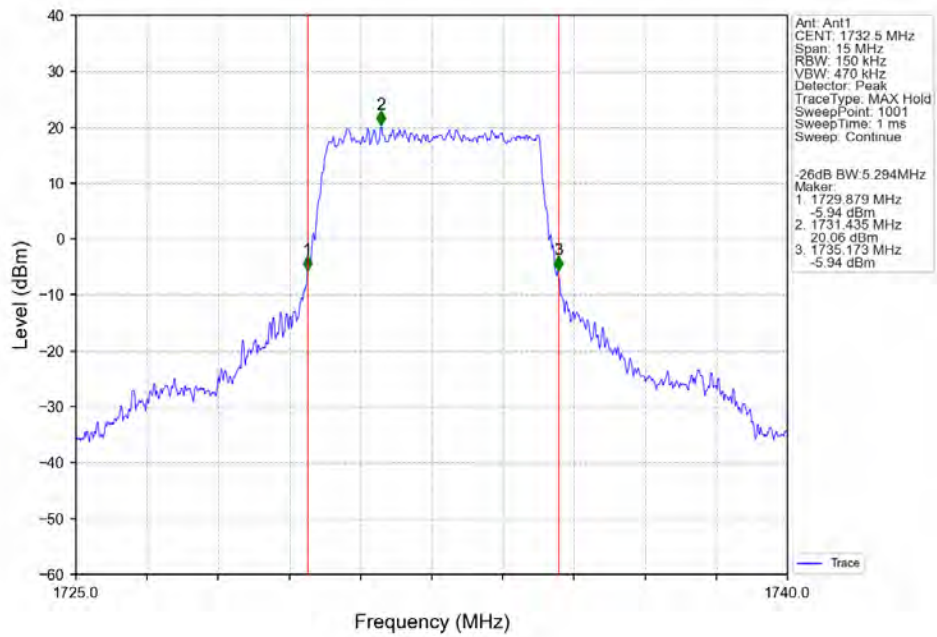
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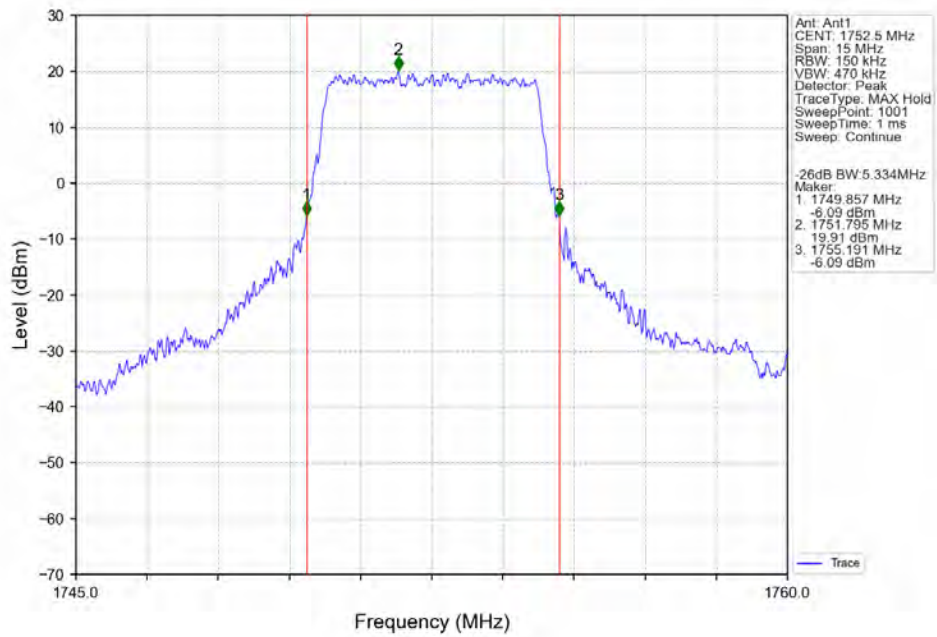
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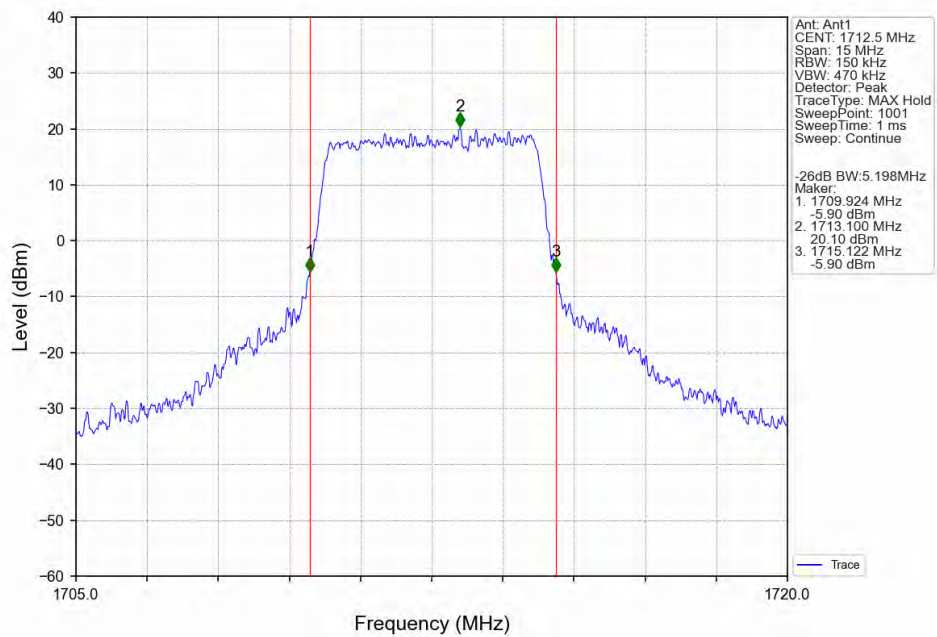
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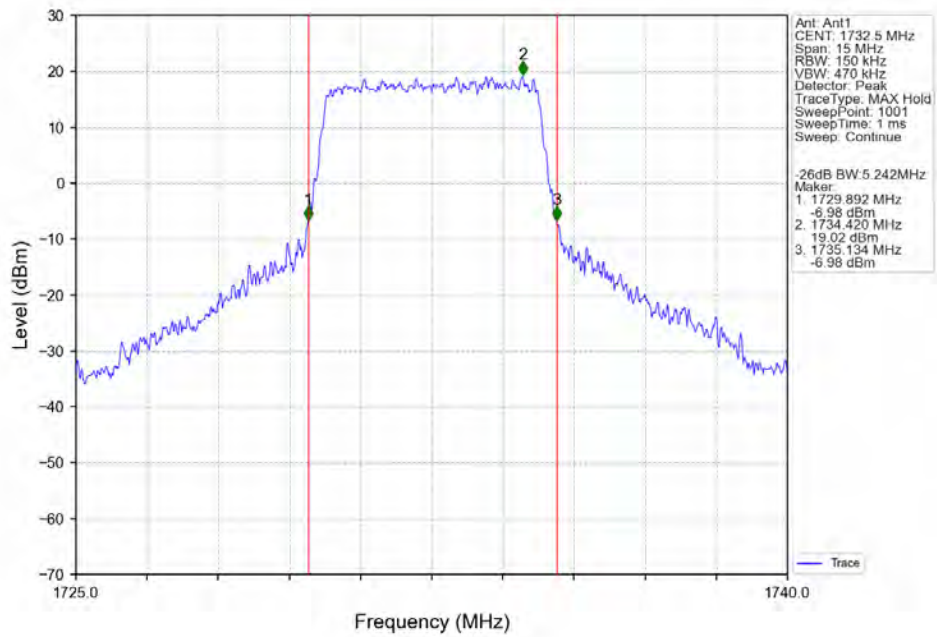
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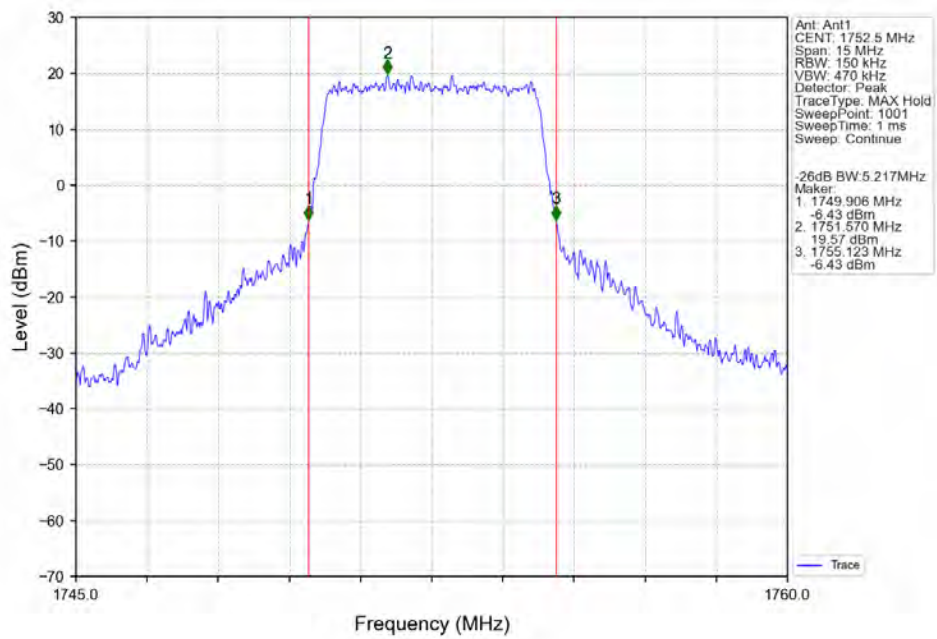
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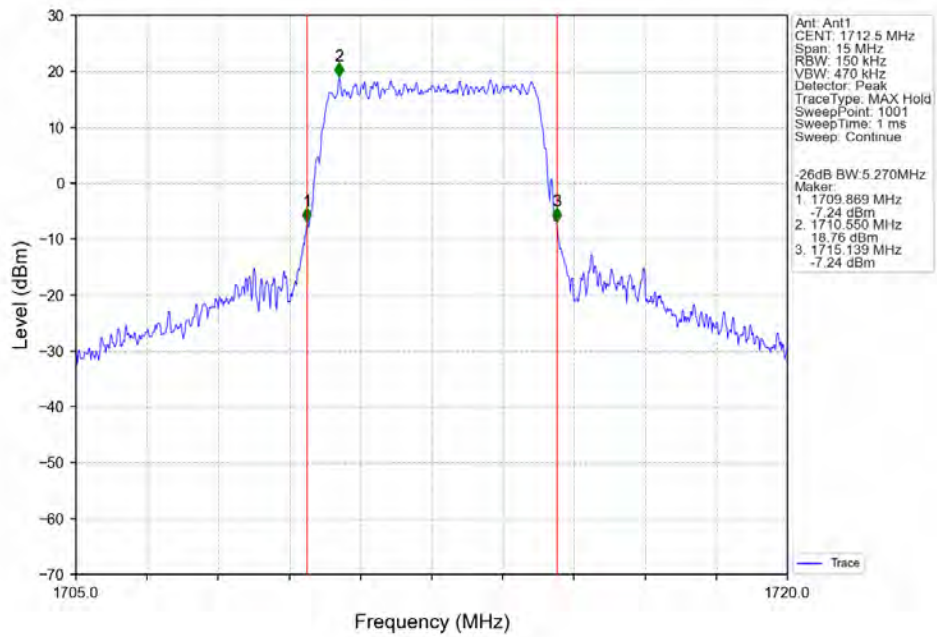
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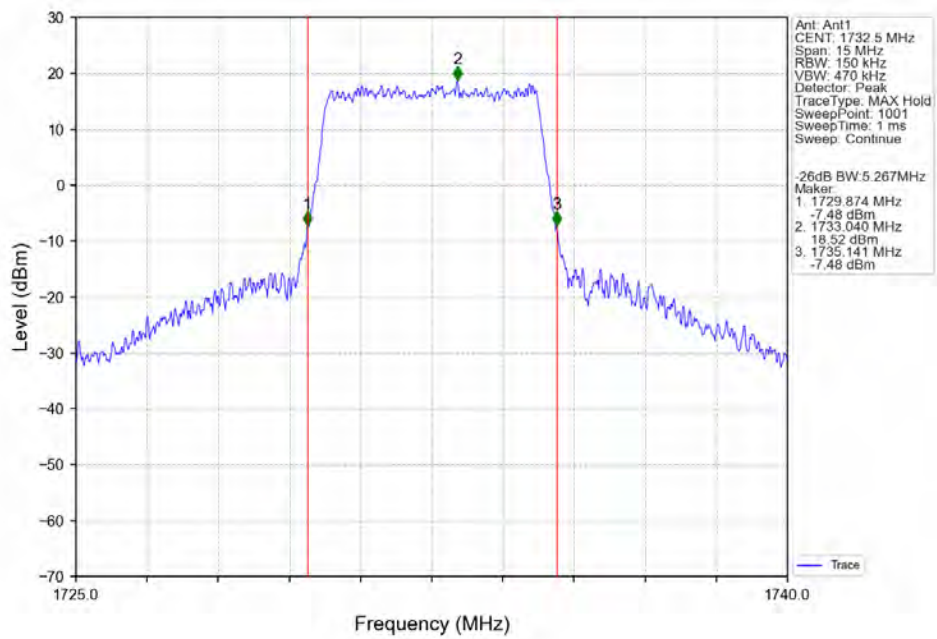
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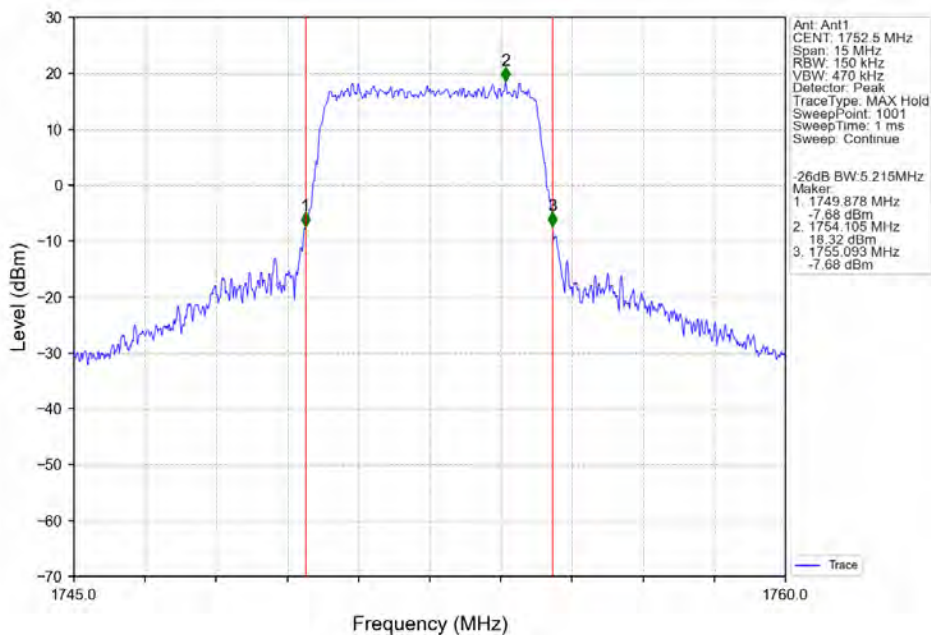
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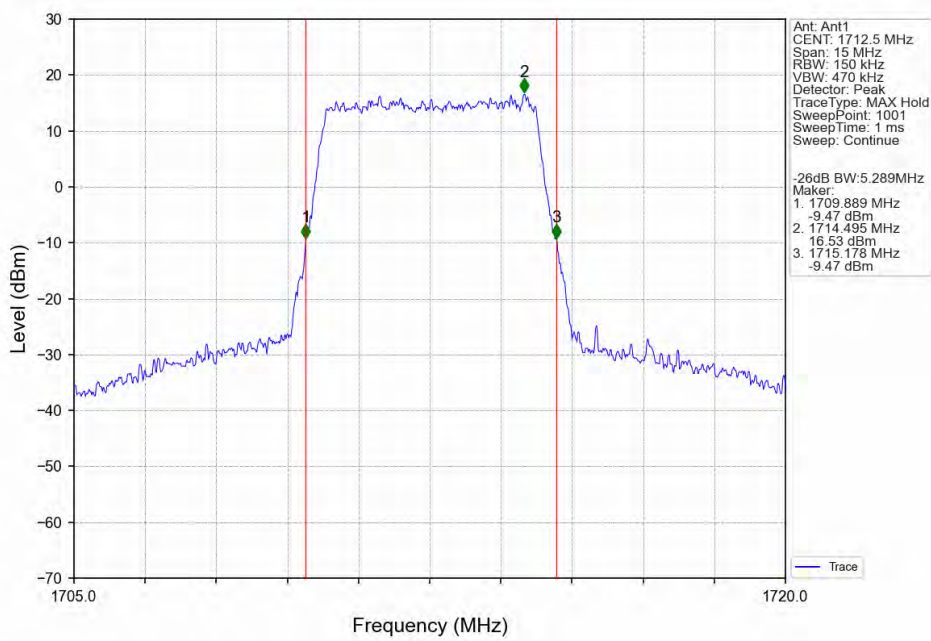
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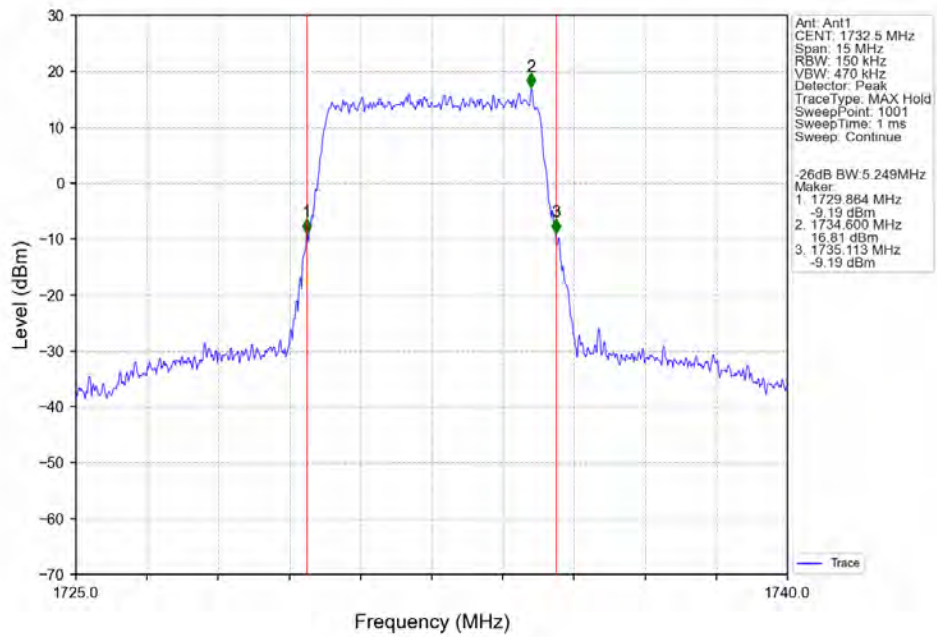
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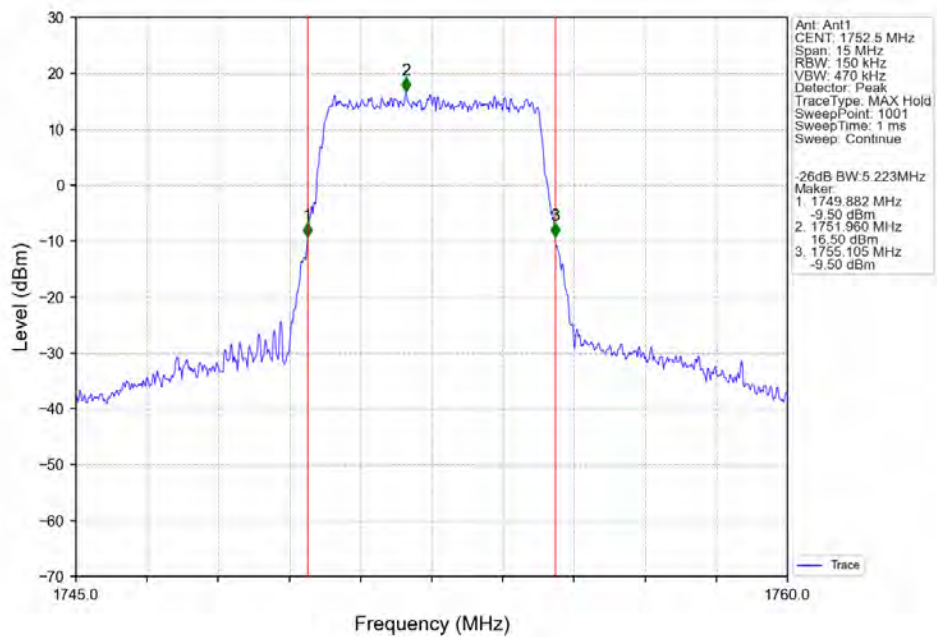
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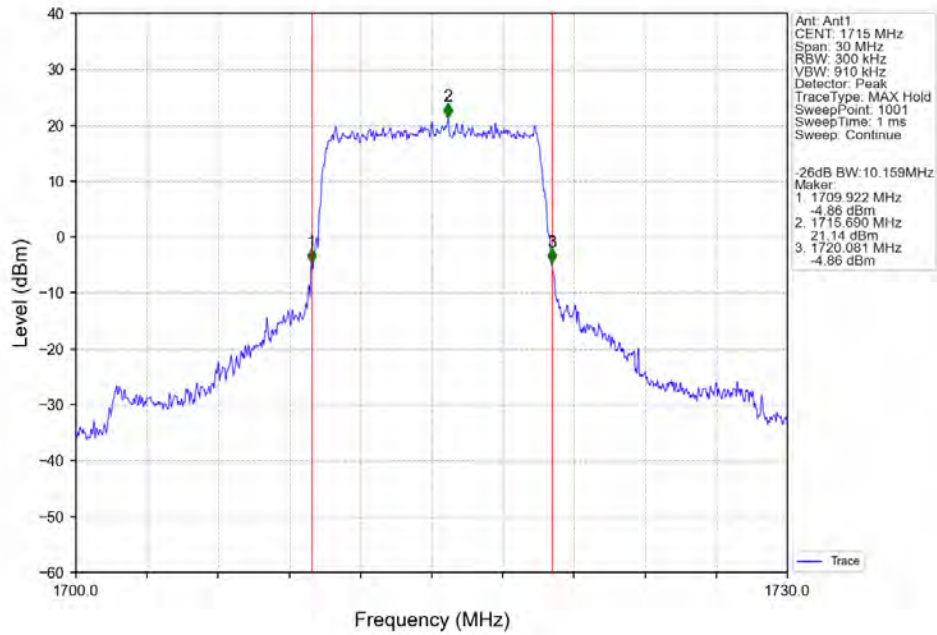
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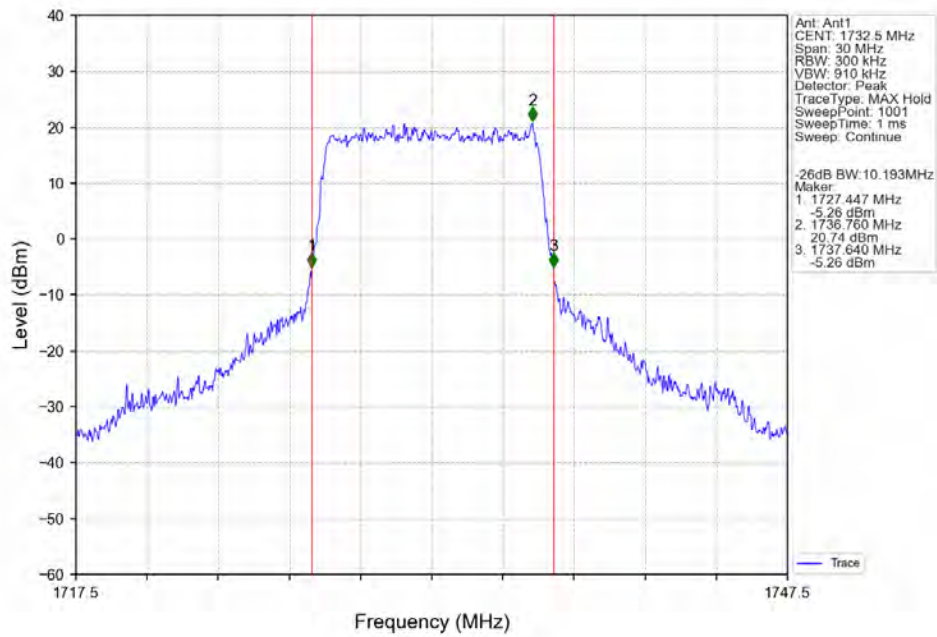
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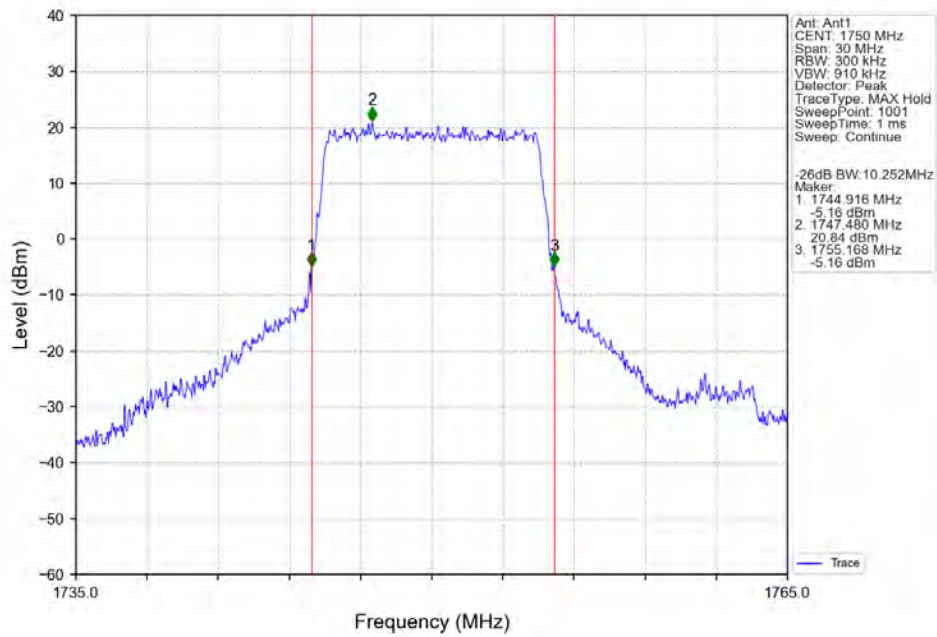
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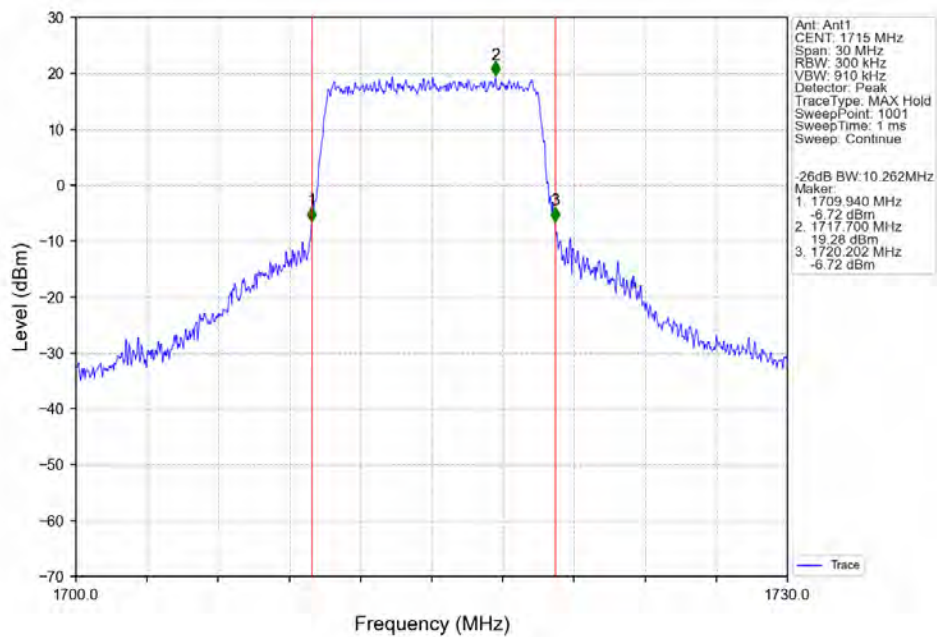
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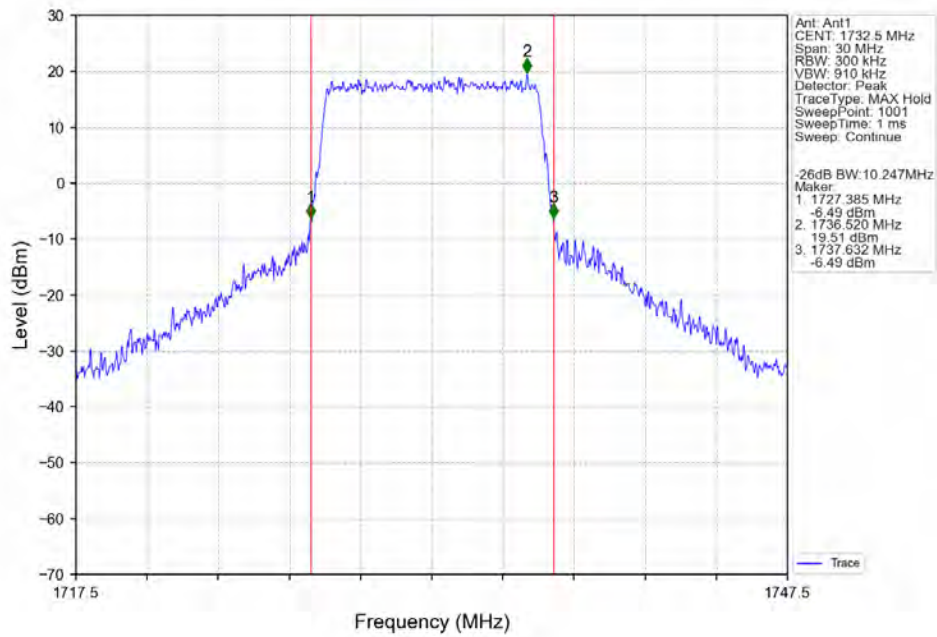
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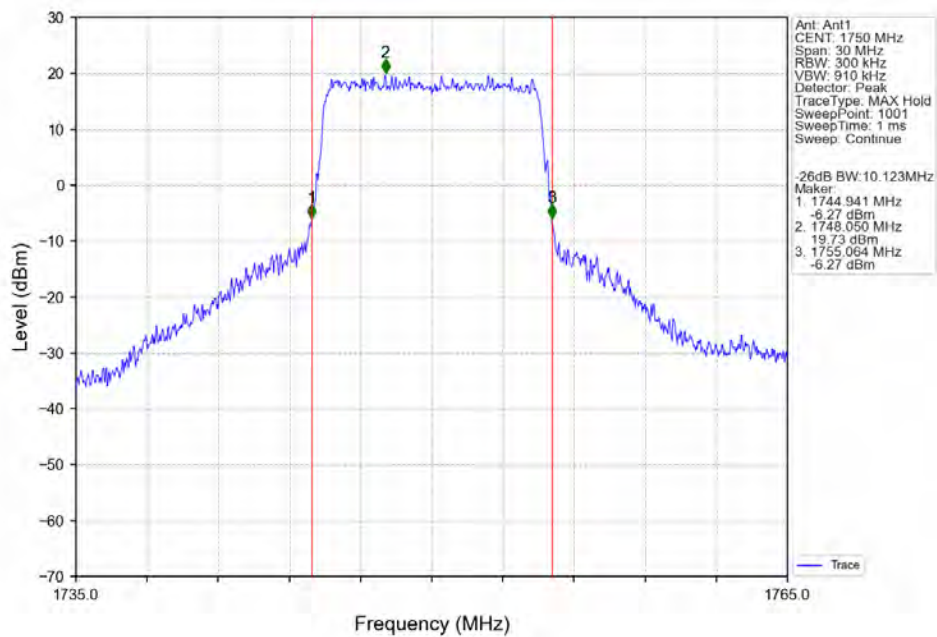
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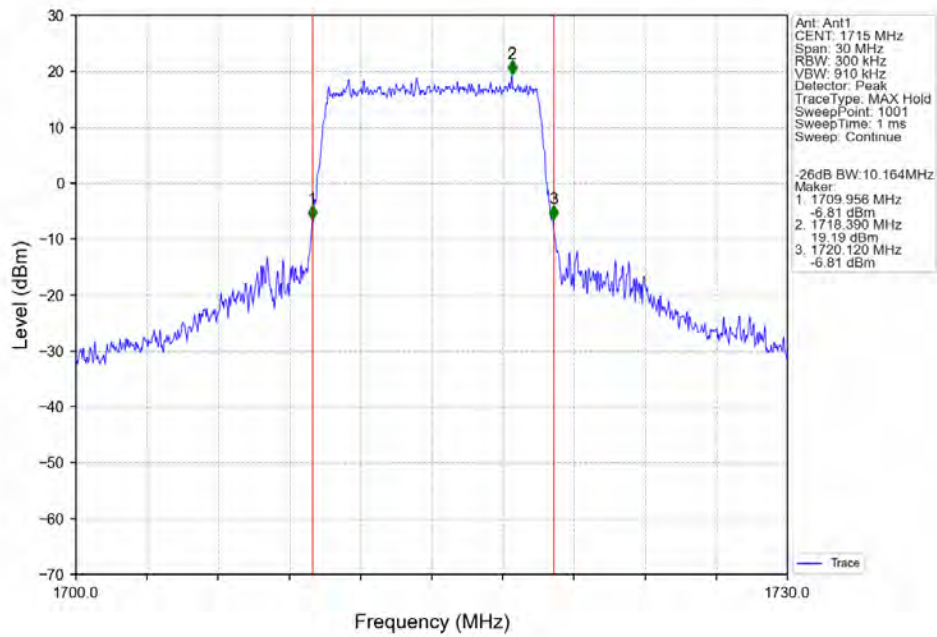
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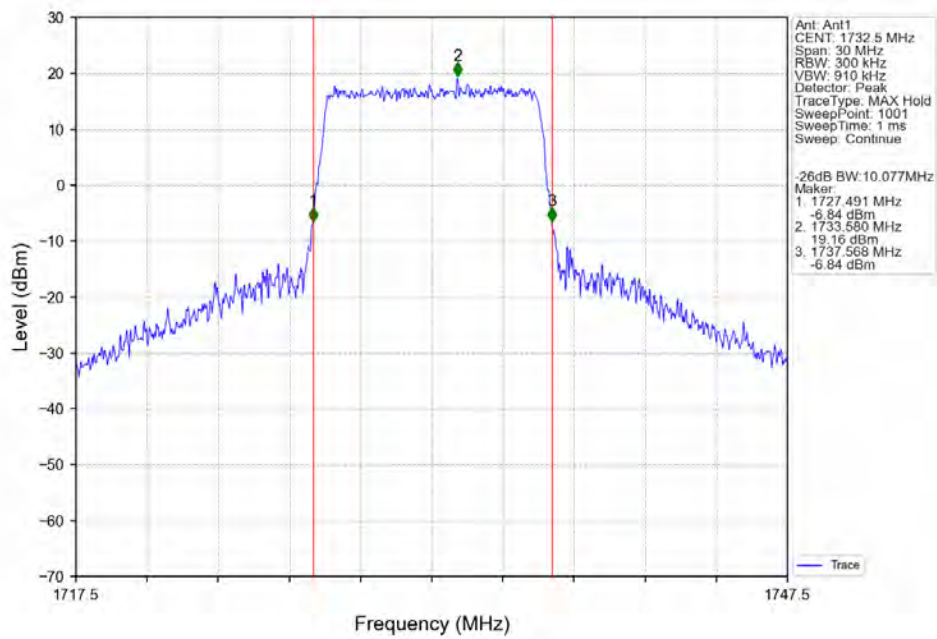
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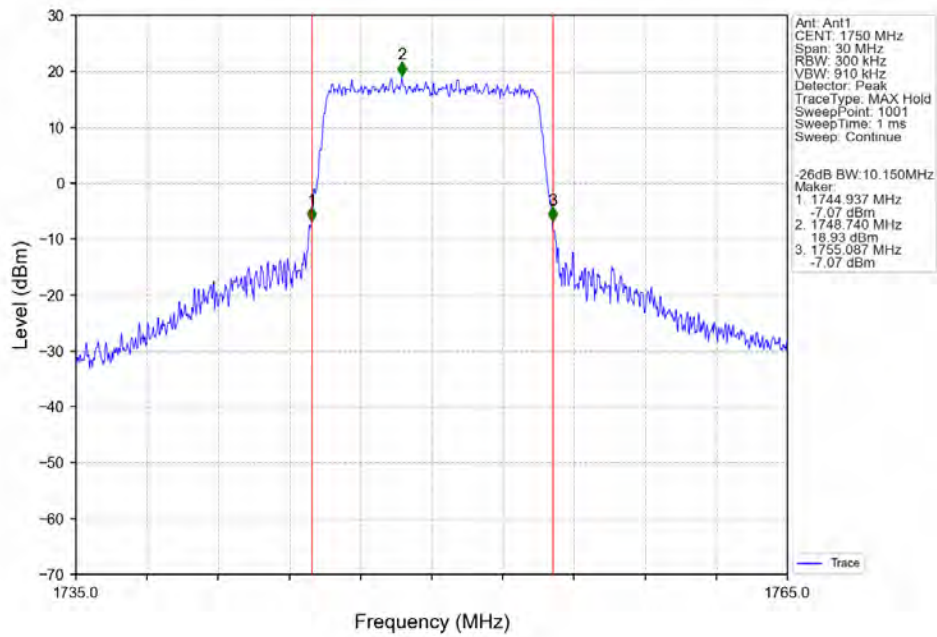
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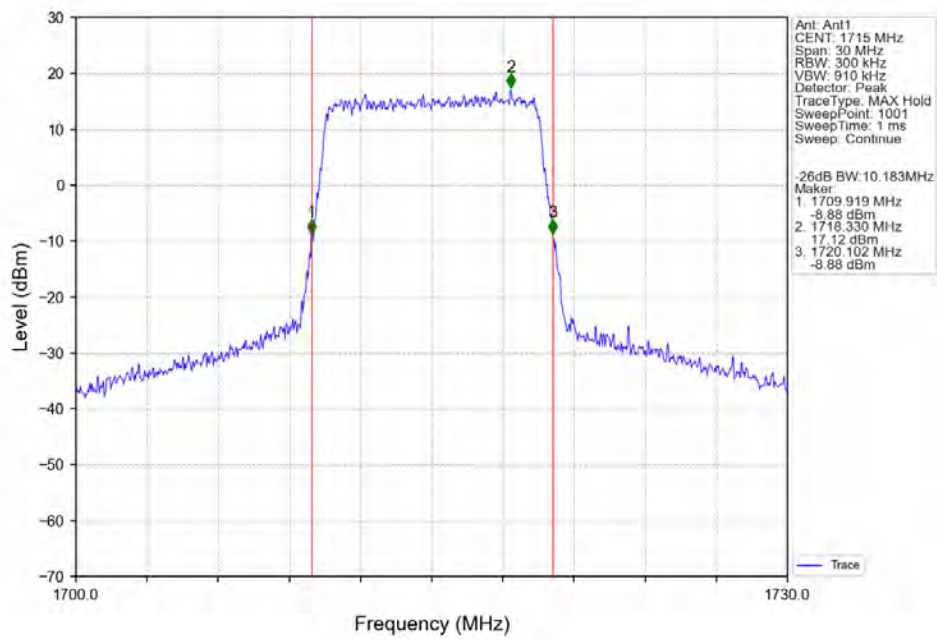
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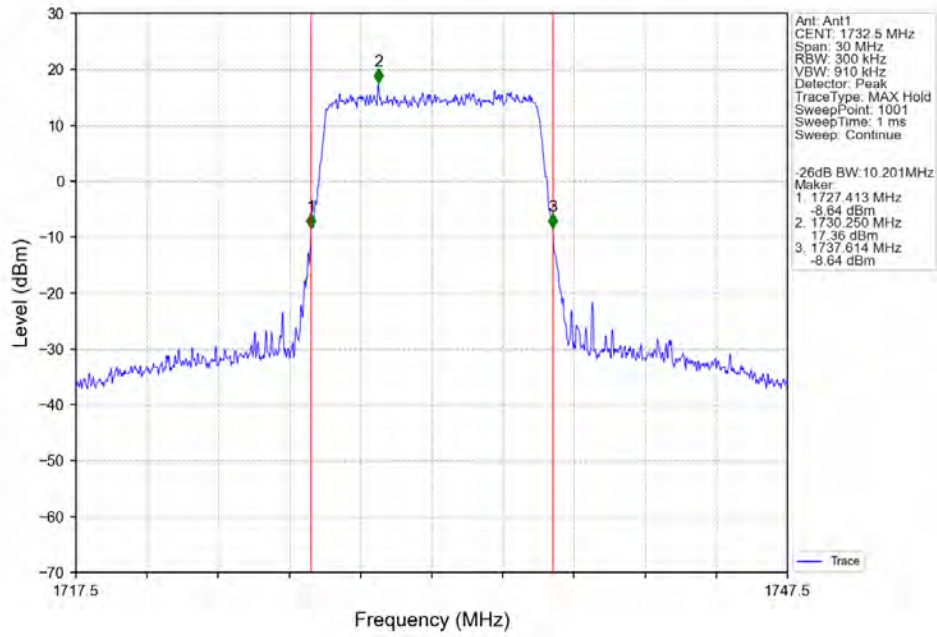
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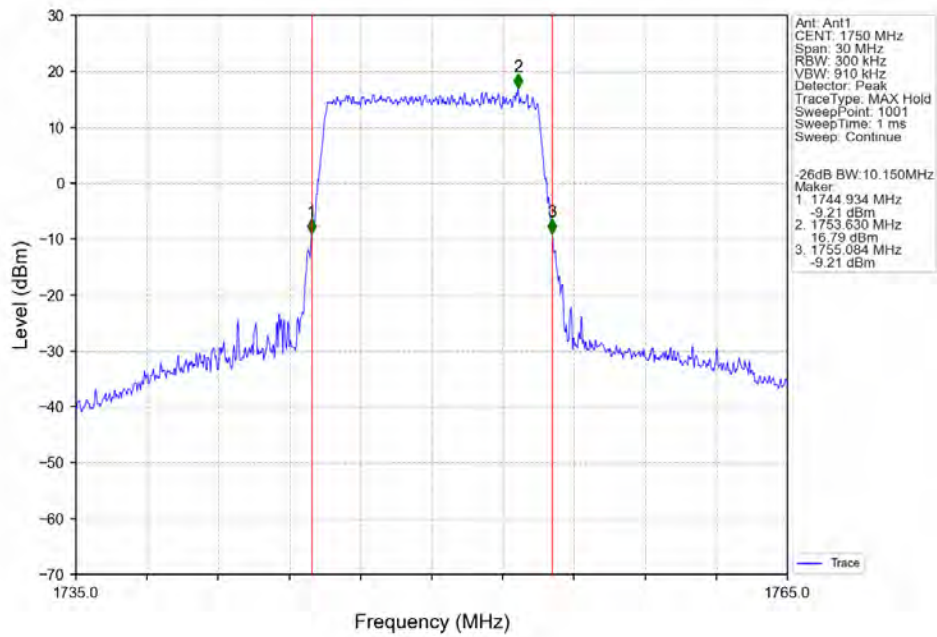
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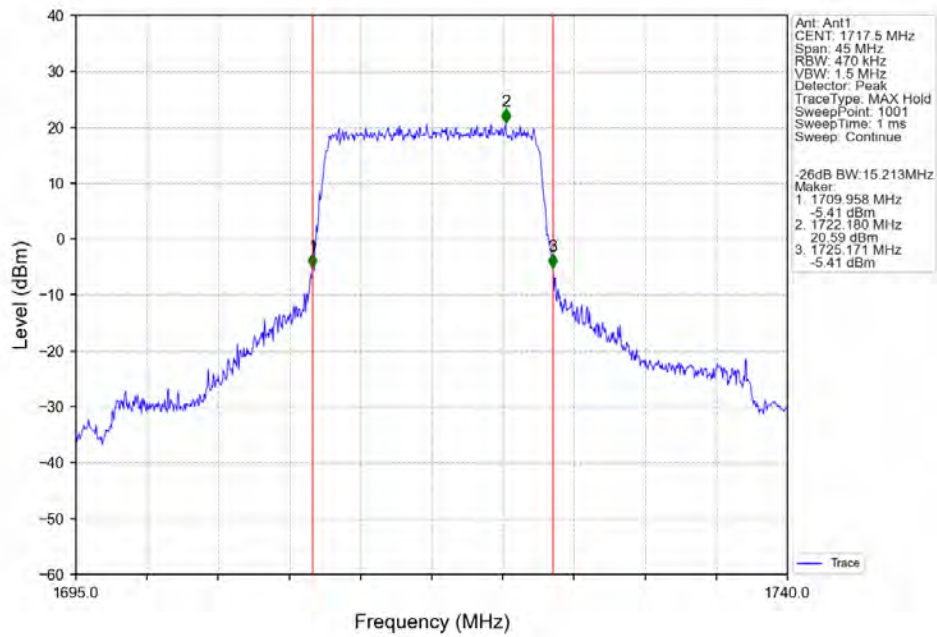
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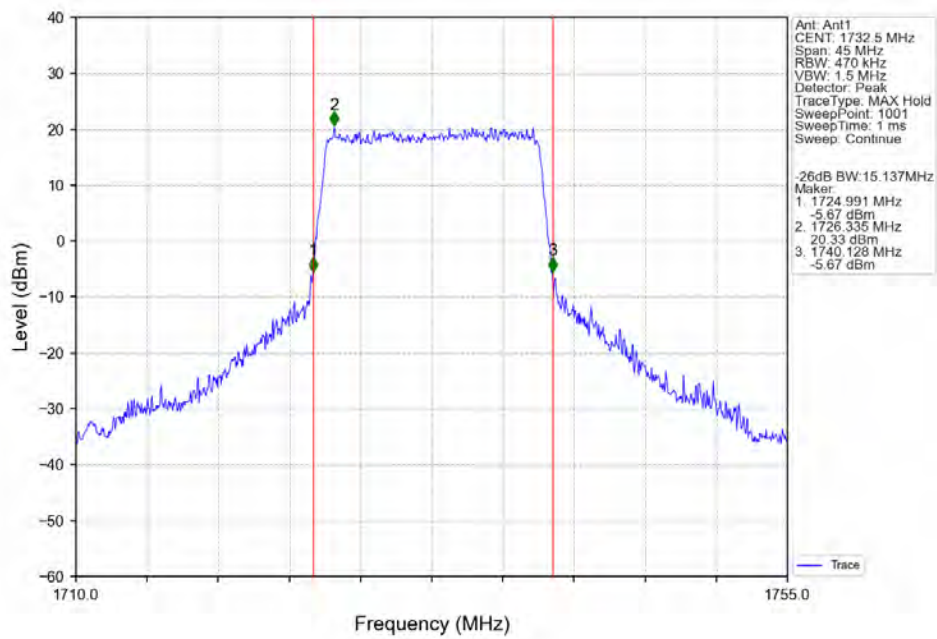
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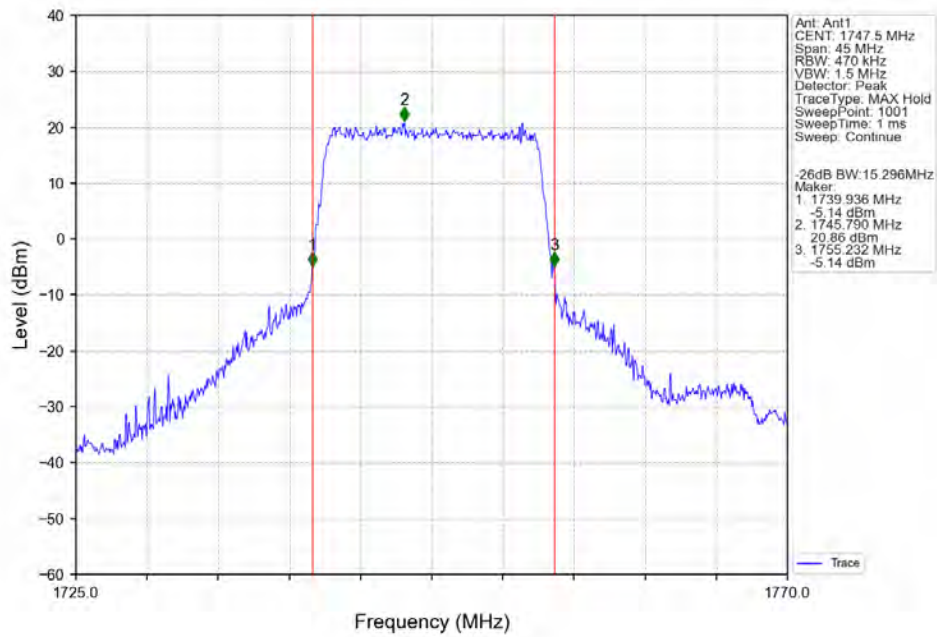
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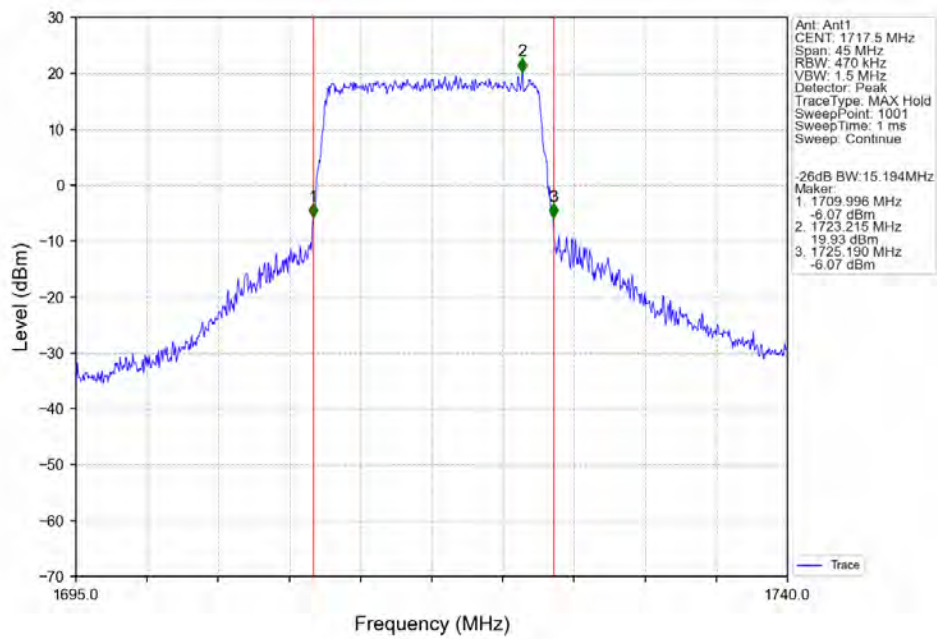
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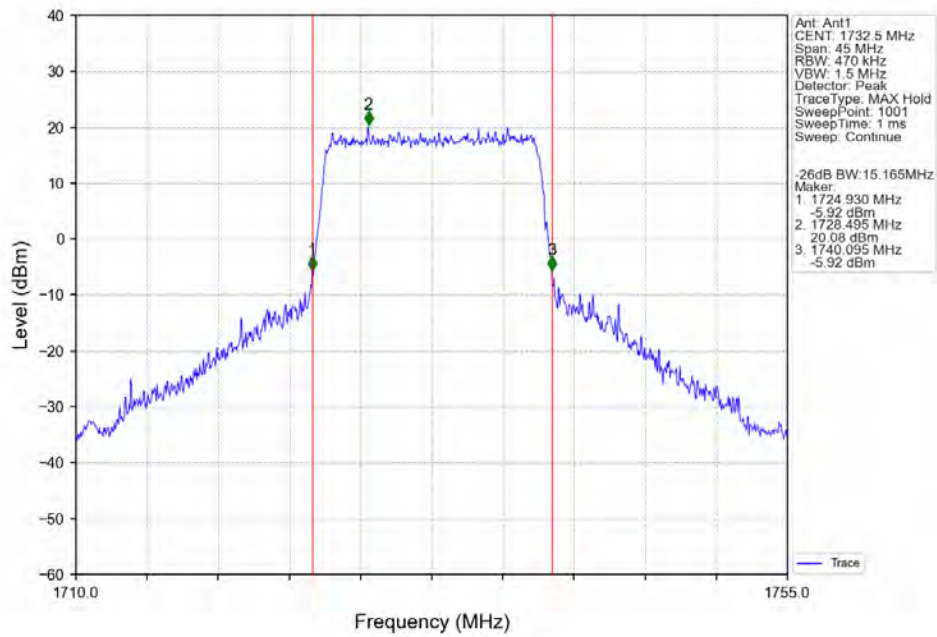
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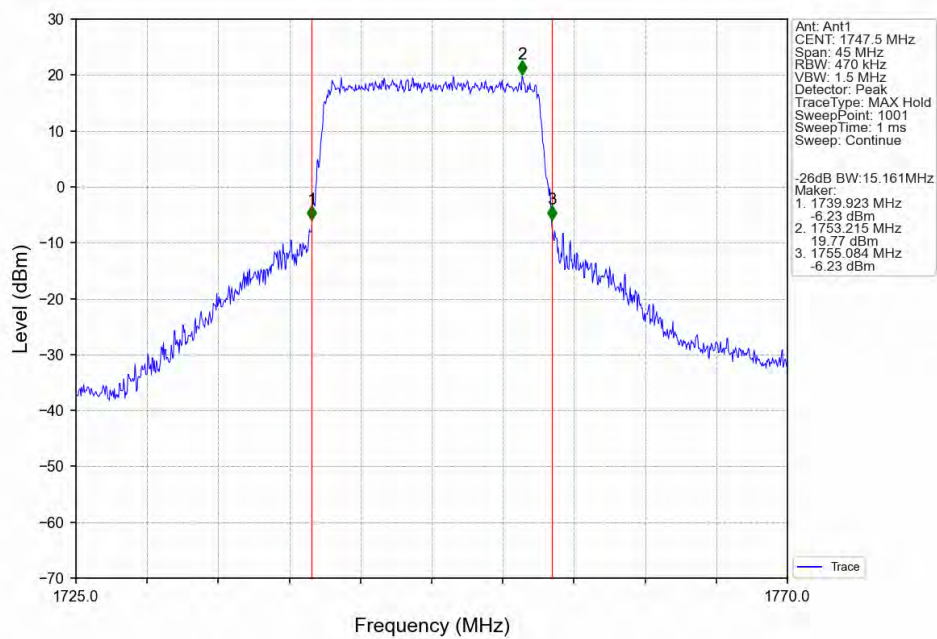
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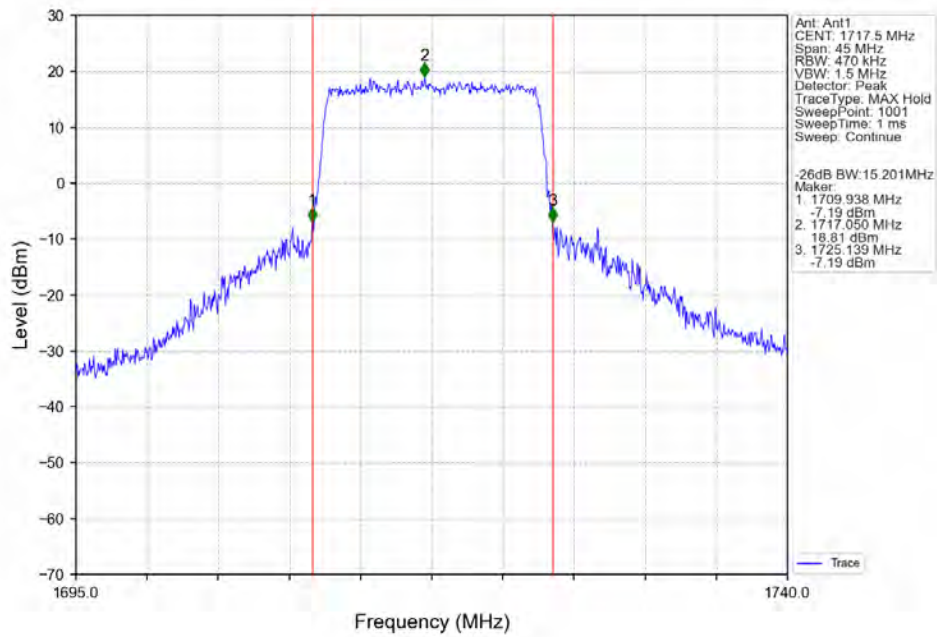
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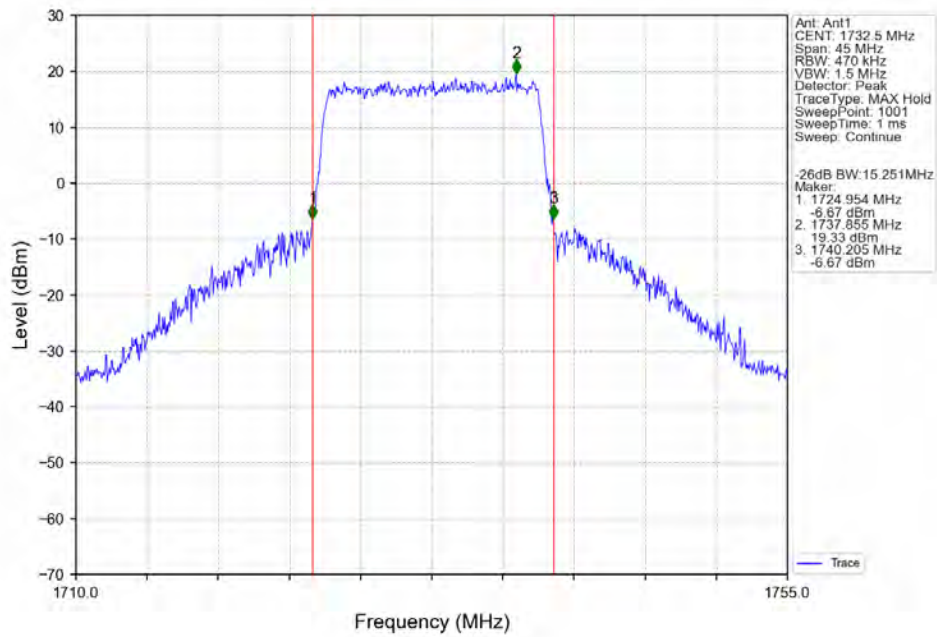
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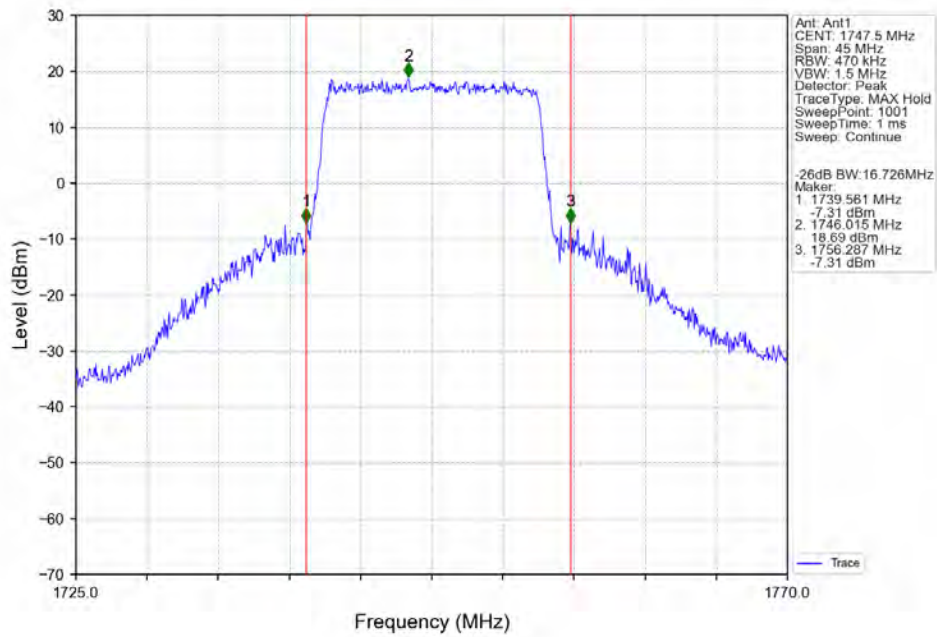
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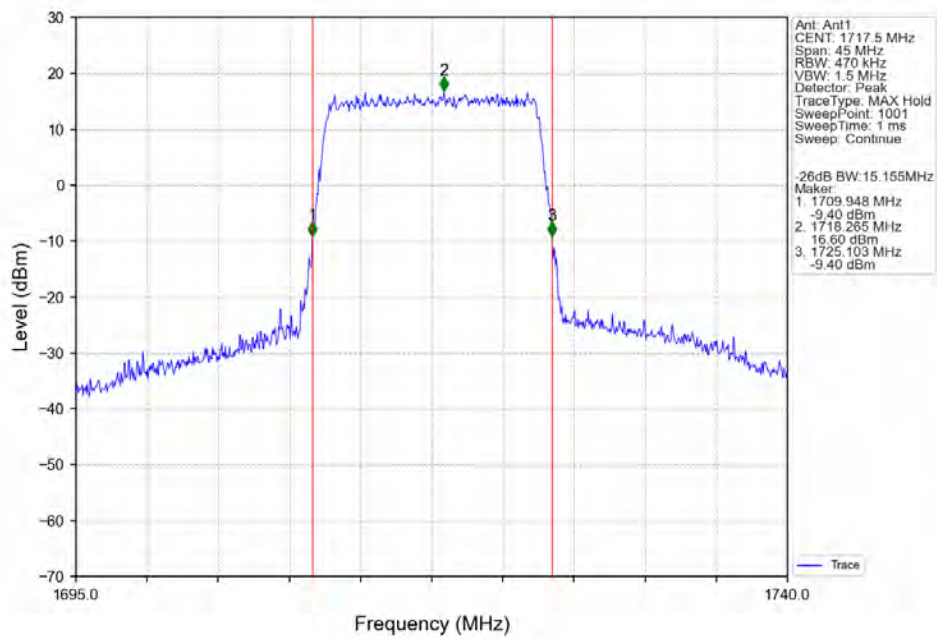
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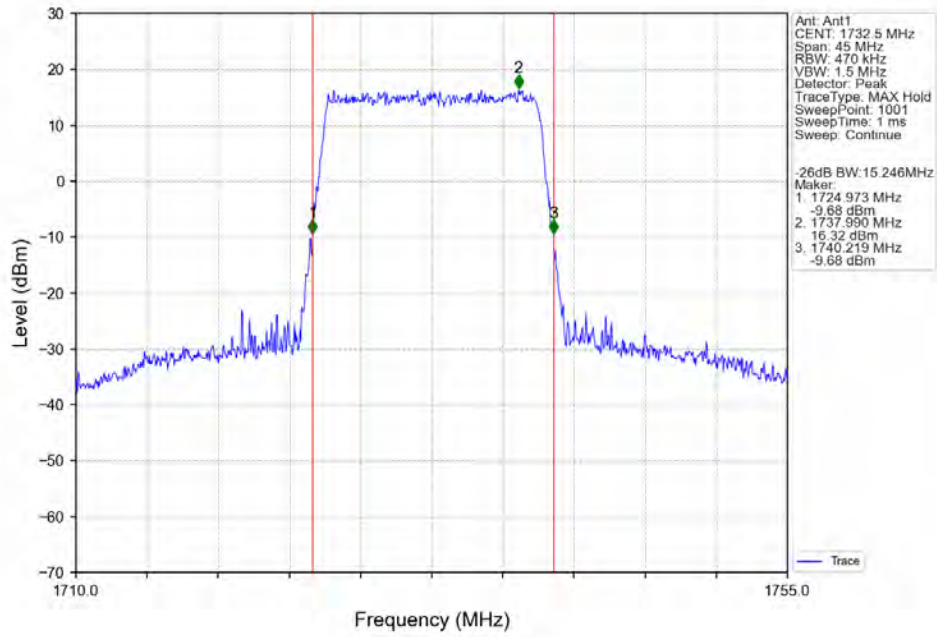
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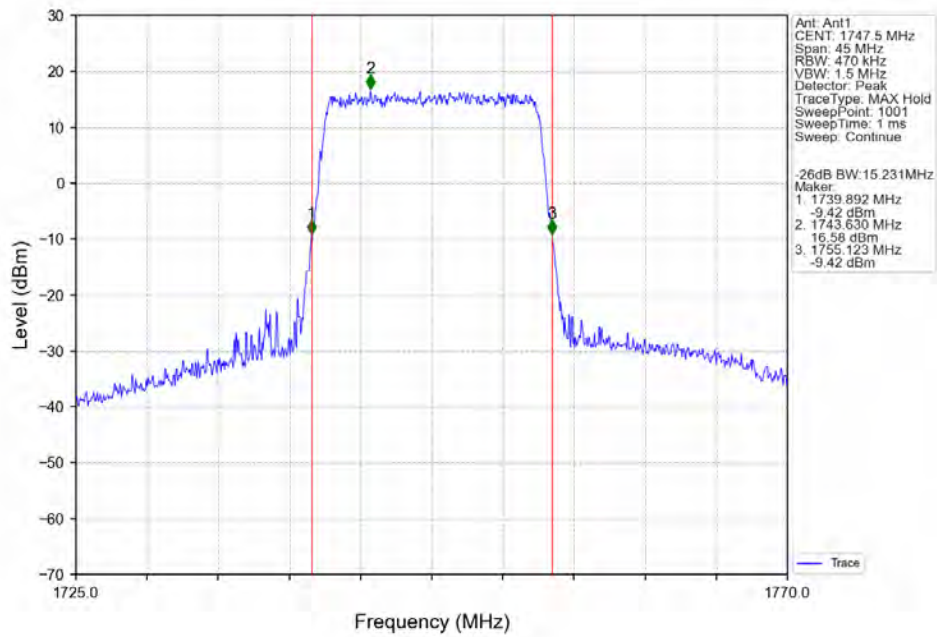
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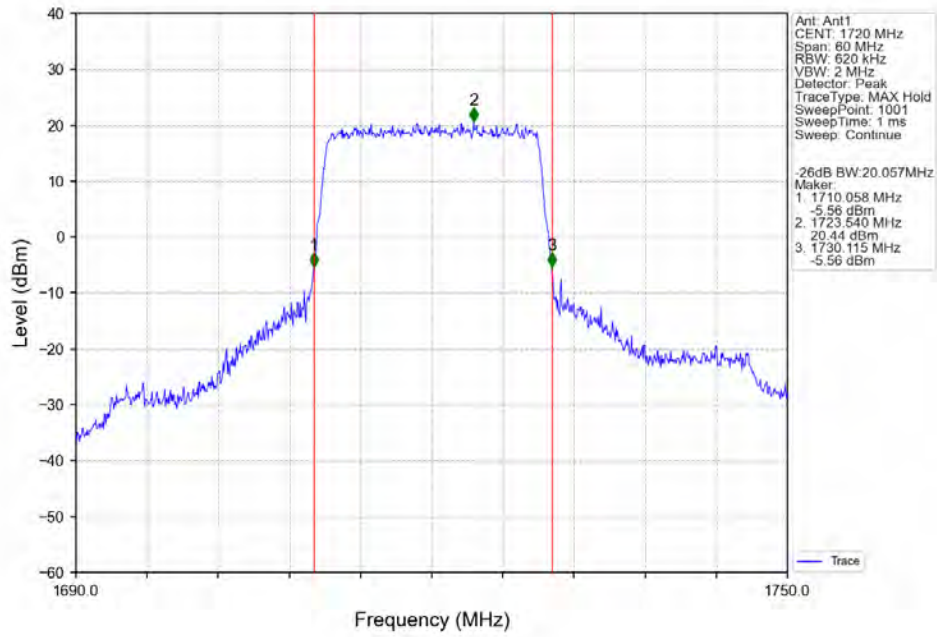
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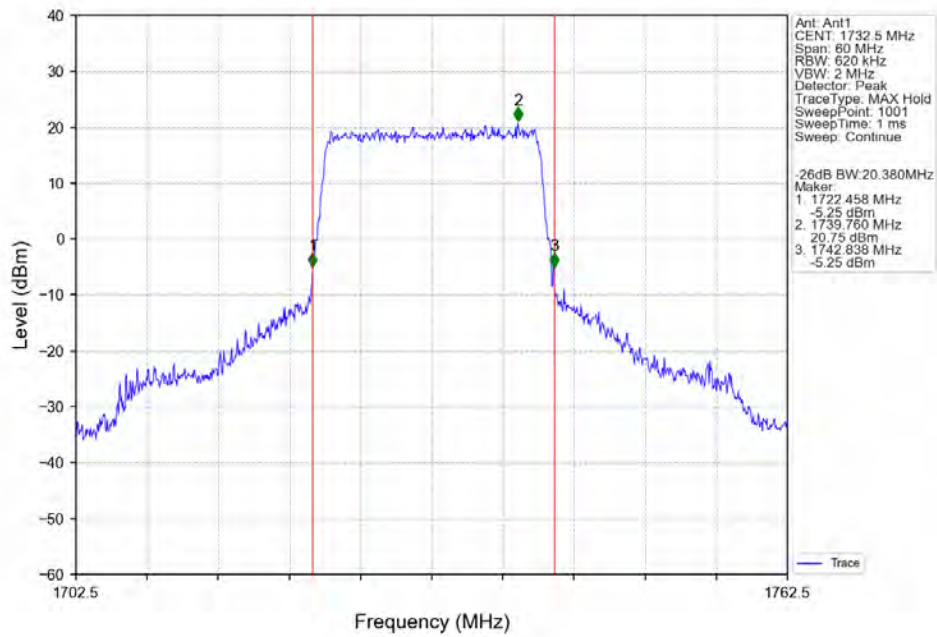
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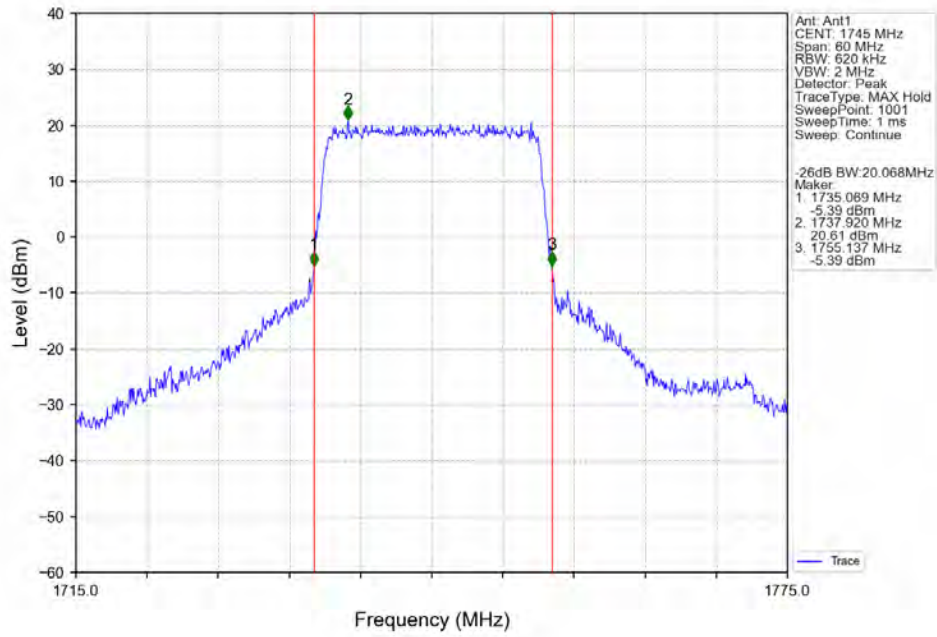
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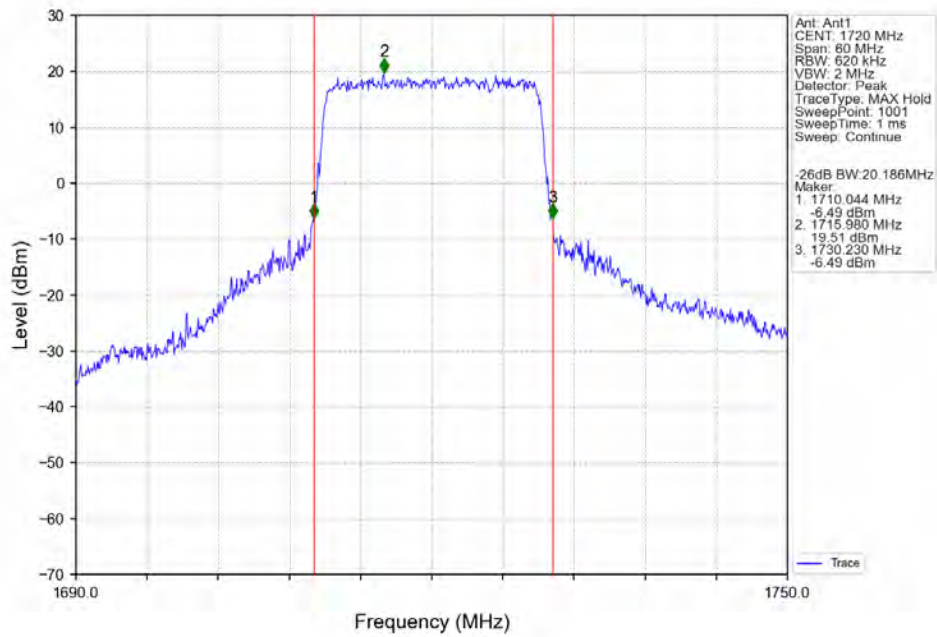
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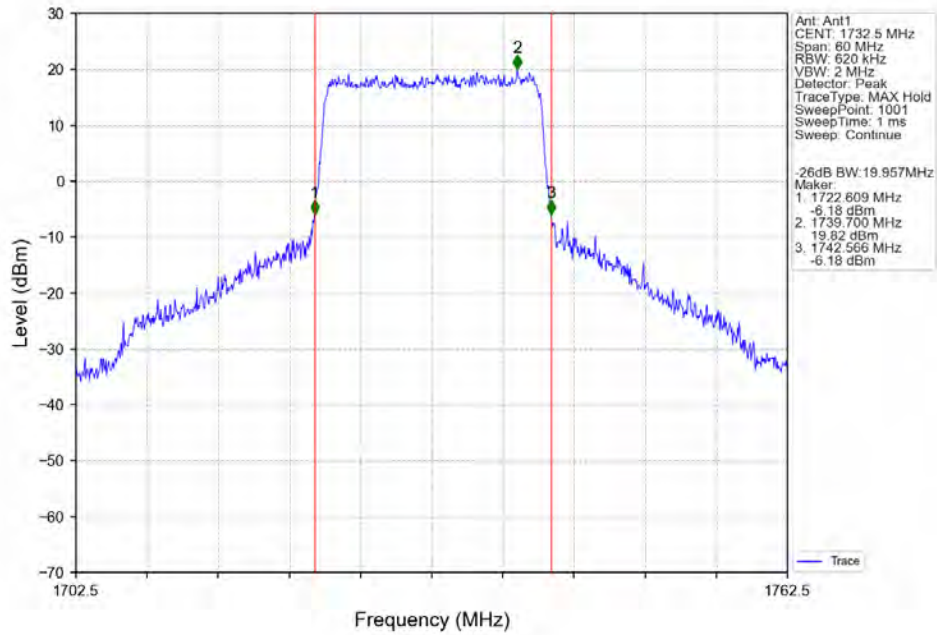
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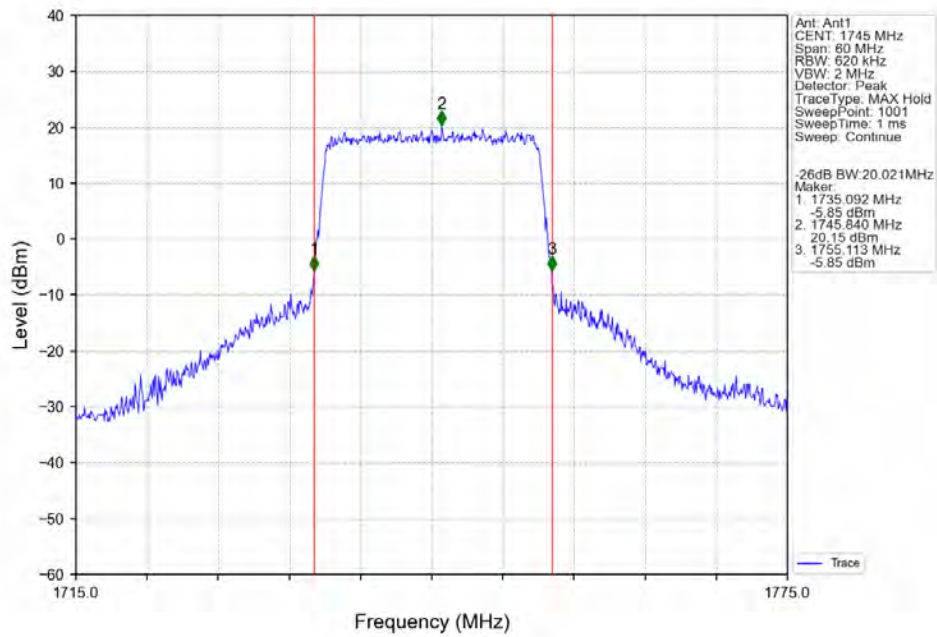
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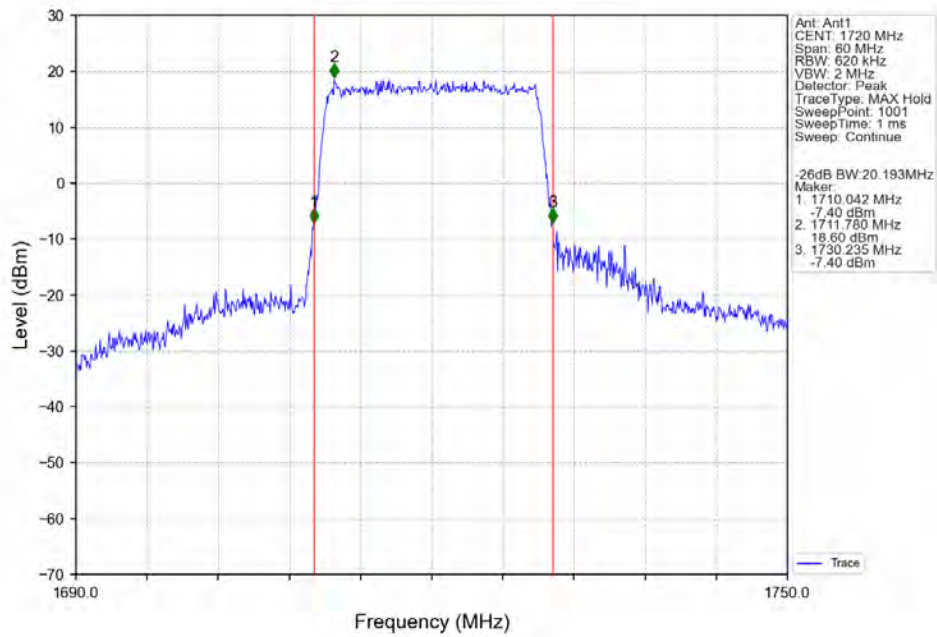
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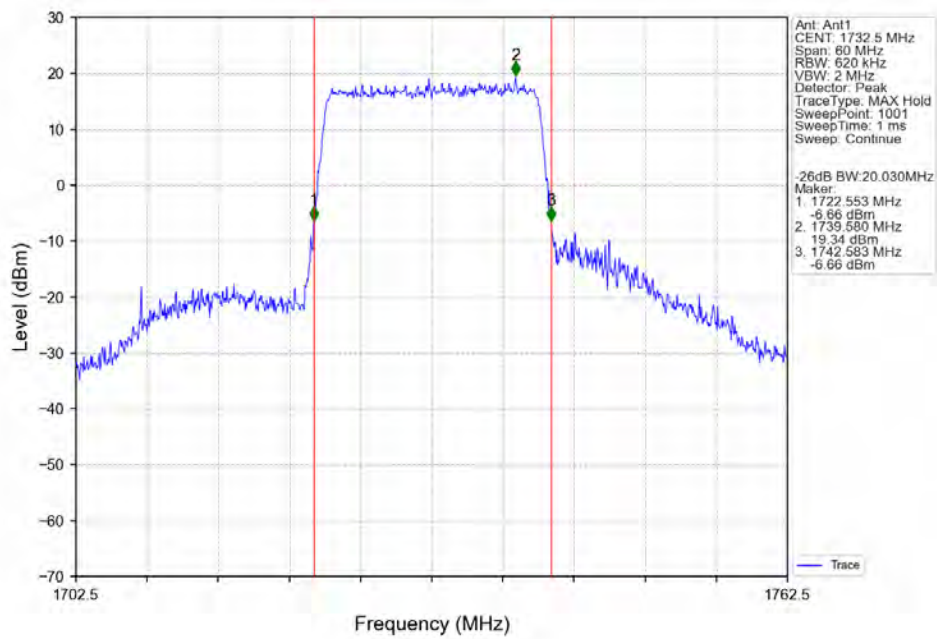
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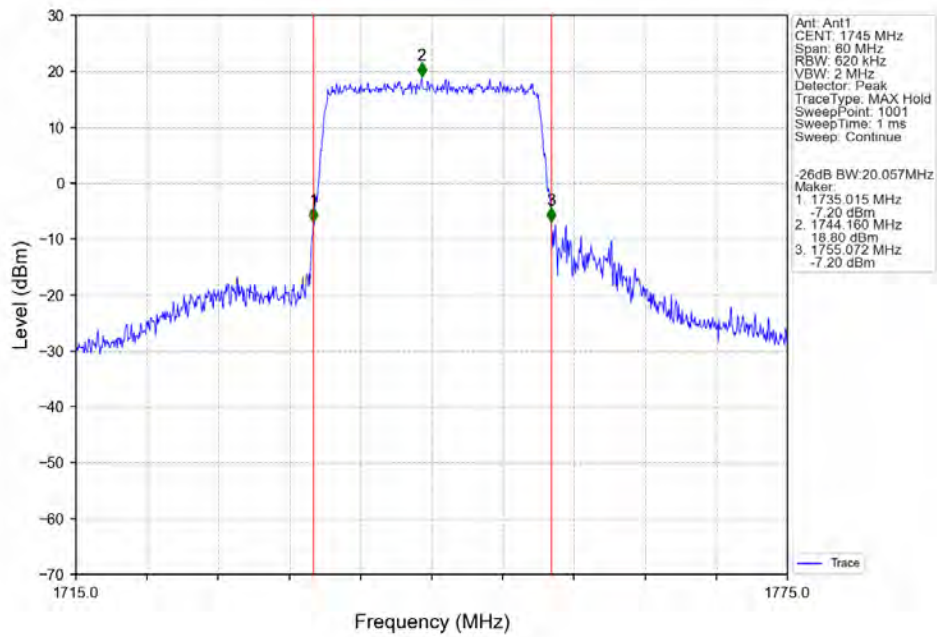
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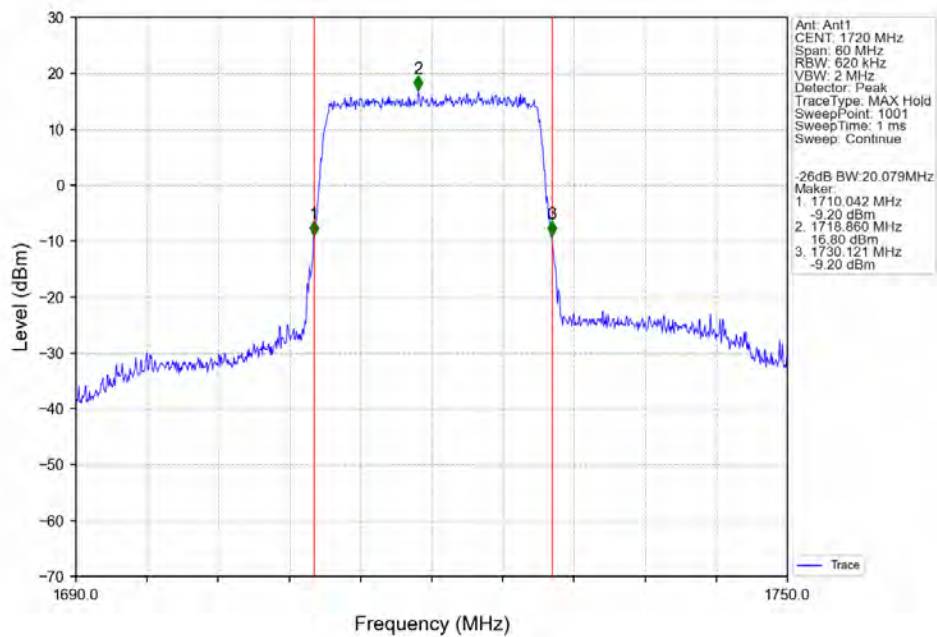
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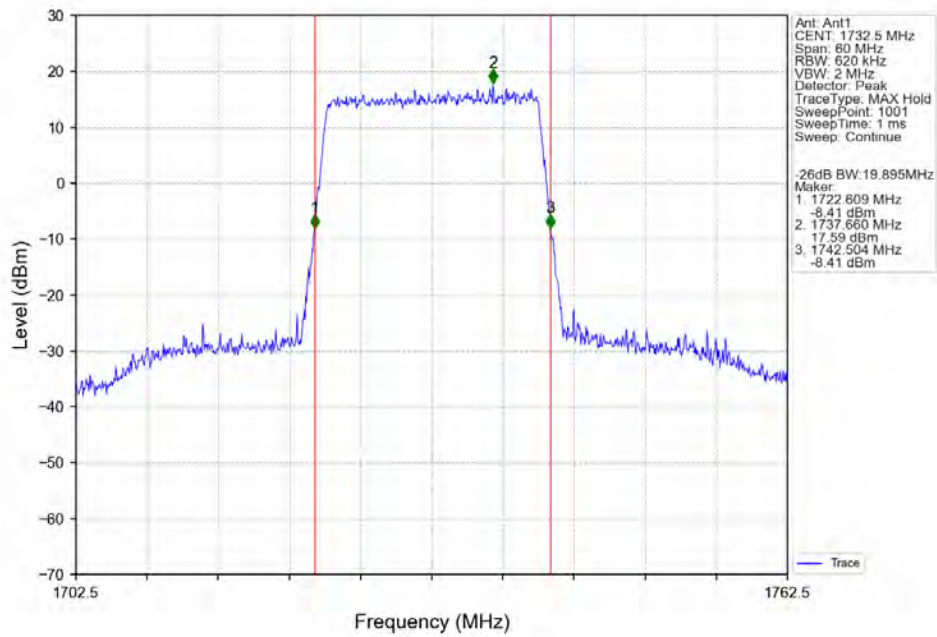
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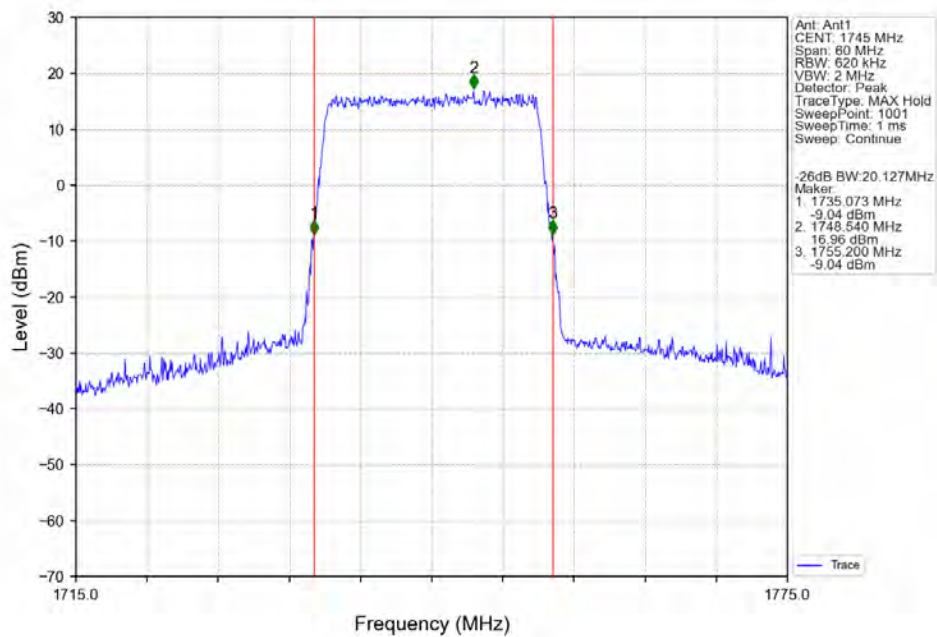
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Band4 20MHz 256QAM MCH 1732.5MHz RB 100 0 NTNV



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	4.63	<=13	Pass
	1732.5	6	0	4.60	<=13	Pass
	1754.3	6	0	4.55	<=13	Pass
16QAM	1710.7	6	0	5.57	<=13	Pass
	1732.5	6	0	5.63	<=13	Pass
	1754.3	6	0	5.41	<=13	Pass
64QAM	1710.7	6	0	6.49	<=13	Pass
	1732.5	6	0	6.63	<=13	Pass
	1754.3	6	0	6.32	<=13	Pass
256QAM	1710.7	6	0	6.79	<=13	Pass
	1732.5	6	0	6.89	<=13	Pass
	1754.3	6	0	6.64	<=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	4.40	<=13	Pass
	1732.5	15	0	4.33	<=13	Pass
	1753.5	15	0	4.33	<=13	Pass
16QAM	1711.5	15	0	5.43	<=13	Pass
	1732.5	15	0	5.51	<=13	Pass
	1753.5	15	0	5.34	<=13	Pass
64QAM	1711.5	15	0	6.44	<=13	Pass
	1732.5	15	0	6.30	<=13	Pass
	1753.5	15	0	6.32	<=13	Pass
256QAM	1711.5	15	0	6.71	<=13	Pass
	1732.5	15	0	6.56	<=13	Pass
	1753.5	15	0	6.59	<=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	4.62	<=13	Pass
	1732.5	25	0	4.59	<=13	Pass
	1752.5	25	0	4.58	<=13	Pass
16QAM	1712.5	25	0	5.71	<=13	Pass
	1732.5	25	0	5.67	<=13	Pass
	1752.5	25	0	5.65	<=13	Pass
64QAM	1712.5	25	0	6.52	<=13	Pass

256QAM	1732.5	25	0	6.48	<=13	Pass
	1752.5	25	0	6.44	<=13	Pass
	1712.5	25	0	6.69	<=13	Pass
	1732.5	25	0	6.57	<=13	Pass
	1752.5	25	0	6.59	<=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	4.64	<=13	Pass
	1732.5	50	0	4.59	<=13	Pass
	1750	50	0	4.59	<=13	Pass
16QAM	1715	50	0	5.72	<=13	Pass
	1732.5	50	0	5.65	<=13	Pass
	1750	50	0	5.66	<=13	Pass
64QAM	1715	50	0	6.49	<=13	Pass
	1732.5	50	0	6.46	<=13	Pass
	1750	50	0	6.41	<=13	Pass
256QAM	1715	50	0	6.67	<=13	Pass
	1732.5	50	0	6.55	<=13	Pass
	1750	50	0	6.57	<=13	Pass

4.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.70	<=13	Pass
	1732.5	75	0	4.68	<=13	Pass
	1747.5	75	0	4.65	<=13	Pass
16QAM	1717.5	75	0	5.71	<=13	Pass
	1732.5	75	0	5.67	<=13	Pass
	1747.5	75	0	5.64	<=13	Pass
64QAM	1717.5	75	0	6.52	<=13	Pass
	1732.5	75	0	6.47	<=13	Pass
	1747.5	75	0	6.44	<=13	Pass
256QAM	1717.5	75	0	6.67	<=13	Pass
	1732.5	75	0	6.58	<=13	Pass
	1747.5	75	0	6.56	<=13	Pass

4.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.70	<=13	Pass
	1732.5	100	0	4.66	<=13	Pass
	1745	100	0	4.61	<=13	Pass
16QAM	1720	100	0	5.77	<=13	Pass
	1732.5	100	0	5.71	<=13	Pass
	1745	100	0	5.67	<=13	Pass
64QAM	1720	100	0	6.49	<=13	Pass