

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / 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	25.63	-1.50	23.13	<=30	Pass
			2	25.33	-1.50	23.83	<=30	Pass
			5	25.36	-1.50	23.86	<=30	Pass
		3	0	25.34	-1.50	23.84	<=30	Pass
			2	25.35	-1.50	23.85	<=30	Pass
			3	25.34	-1.50	23.84	<=30	Pass
		6	0	24.45	-1.50	22.95	<=30	Pass
	1745	1	0	25.44	-1.50	23.94	<=30	Pass
			2	25.43	-1.50	23.93	<=30	Pass
			5	25.43	-1.50	23.93	<=30	Pass
		3	0	25.41	-1.50	23.91	<=30	Pass
			2	25.38	-1.50	23.88	<=30	Pass
			3	25.41	-1.50	23.91	<=30	Pass
		6	0	24.51	-1.50	23.01	<=30	Pass
	1779.3	1	0	25.10	-1.50	23.60	<=30	Pass
			2	25.13	-1.50	23.63	<=30	Pass
			5	25.13	-1.50	23.63	<=30	Pass
		3	0	25.08	-1.50	23.58	<=30	Pass
			2	25.09	-1.50	23.59	<=30	Pass
			3	25.07	-1.50	23.57	<=30	Pass
		6	0	24.07	-1.50	22.57	<=30	Pass
16QAM	1710.7	1	0	24.58	-1.50	23.08	<=30	Pass
			2	24.53	-1.50	23.03	<=30	Pass
			5	24.54	-1.50	23.04	<=30	Pass
		3	0	24.36	-1.50	22.86	<=30	Pass
			2	24.43	-1.50	22.93	<=30	Pass
			3	24.46	-1.50	22.96	<=30	Pass
		6	0	23.53	-1.50	22.03	<=30	Pass
	1745	1	0	24.62	-1.50	23.12	<=30	Pass
			2	24.58	-1.50	23.08	<=30	Pass
			5	24.61	-1.50	23.11	<=30	Pass
		3	0	24.58	-1.50	23.08	<=30	Pass
			2	24.56	-1.50	23.06	<=30	Pass
			3	24.54	-1.50	23.04	<=30	Pass
		6	0	23.54	-1.50	22.04	<=30	Pass
	1779.3	1	0	24.27	-1.50	22.77	<=30	Pass
			2	24.29	-1.50	22.79	<=30	Pass
			5	24.30	-1.50	22.80	<=30	Pass
		3	0	24.12	-1.50	22.62	<=30	Pass
			2	24.27	-1.50	22.77	<=30	Pass
			3	24.18	-1.50	22.68	<=30	Pass
		6	0	23.08	-1.50	21.58	<=30	Pass
64QAM	1710.7	1	0	23.65	-1.50	22.15	<=30	Pass
			2	23.60	-1.50	22.10	<=30	Pass
			5	23.60	-1.50	22.10	<=30	Pass
		3	0	23.51	-1.50	22.01	<=30	Pass
			2	23.48	-1.50	21.98	<=30	Pass

			3	23.48	-1.50	21.98	<=30	Pass
		6	0	22.55	-1.50	21.05	<=30	Pass
	1745	1	0	23.80	-1.50	22.30	<=30	Pass
			2	23.61	-1.50	22.11	<=30	Pass
			5	23.65	-1.50	22.15	<=30	Pass
			3	0	23.51	-1.50	22.01	<=30
		3	2	23.60	-1.50	22.10	<=30	Pass
			3	23.52	-1.50	22.02	<=30	Pass
			6	0	22.60	-1.50	21.10	<=30
	1779.3	1	0	23.30	-1.50	21.80	<=30	Pass
			2	23.46	-1.50	21.96	<=30	Pass
			5	23.28	-1.50	21.78	<=30	Pass
		3	0	23.25	-1.50	21.75	<=30	Pass
			2	23.28	-1.50	21.78	<=30	Pass
			3	23.25	-1.50	21.75	<=30	Pass
		6	0	22.08	-1.50	20.58	<=30	Pass
	256QAM	1710.7	1	0	20.57	-1.50	19.07	<=30
2				20.61	-1.50	19.11	<=30	Pass
5				20.57	-1.50	19.07	<=30	Pass
3			0	20.52	-1.50	19.02	<=30	Pass
			2	20.47	-1.50	18.97	<=30	Pass
			3	20.45	-1.50	18.95	<=30	Pass
6			0	20.24	-1.50	18.74	<=30	Pass
1745		1	0	20.70	-1.50	19.20	<=30	Pass
			2	20.60	-1.50	19.10	<=30	Pass
			5	20.55	-1.50	19.05	<=30	Pass
		3	0	20.61	-1.50	19.11	<=30	Pass
			2	20.55	-1.50	19.05	<=30	Pass
			3	20.59	-1.50	19.09	<=30	Pass
		6	0	20.55	-1.50	19.05	<=30	Pass
1779.3		1	0	20.14	-1.50	18.64	<=30	Pass
			2	20.39	-1.50	18.89	<=30	Pass
			5	20.22	-1.50	18.72	<=30	Pass
		3	0	20.22	-1.50	18.72	<=30	Pass
			2	20.19	-1.50	18.69	<=30	Pass
			3	20.27	-1.50	18.77	<=30	Pass
		6	0	20.08	-1.50	18.58	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B66_3MHz_EIRP

Band: 66 / 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	25.28	-1.50	23.78	<=30	Pass
			7	25.43	-1.50	23.93	<=30	Pass
			14	25.26	-1.50	23.76	<=30	Pass
		8	0	24.49	-1.50	22.99	<=30	Pass
			4	24.45	-1.50	22.95	<=30	Pass
			7	24.41	-1.50	22.91	<=30	Pass
		15	0	24.46	-1.50	22.96	<=30	Pass
	1745	1	0	25.49	-1.50	23.99	<=30	Pass
			7	25.54	-1.50	24.04	<=30	Pass
			14	25.37	-1.50	23.87	<=30	Pass
		8	0	24.54	-1.50	23.04	<=30	Pass
			4	24.58	-1.50	23.08	<=30	Pass
			7	24.48	-1.50	22.98	<=30	Pass

	1778.5	15	0	24.53	-1.50	23.03	<=30	Pass
		1	0	25.10	-1.50	23.60	<=30	Pass
			7	25.24	-1.50	23.74	<=30	Pass
			14	25.12	-1.50	23.62	<=30	Pass
		8	0	24.11	-1.50	22.61	<=30	Pass
			4	24.23	-1.50	22.73	<=30	Pass
			7	24.20	-1.50	22.70	<=30	Pass
		15	0	24.18	-1.50	22.68	<=30	Pass
16QAM	1711.5	1	0	24.51	-1.50	23.01	<=30	Pass
			7	24.68	-1.50	23.18	<=30	Pass
			14	24.47	-1.50	22.97	<=30	Pass
		8	0	23.45	-1.50	21.95	<=30	Pass
			4	23.53	-1.50	22.03	<=30	Pass
			7	23.52	-1.50	22.02	<=30	Pass
		15	0	23.51	-1.50	22.01	<=30	Pass
	1745	1	0	24.63	-1.50	23.13	<=30	Pass
			7	24.78	-1.50	23.28	<=30	Pass
			14	24.57	-1.50	23.07	<=30	Pass
		8	0	23.58	-1.50	22.08	<=30	Pass
			4	23.52	-1.50	22.02	<=30	Pass
			7	23.52	-1.50	22.02	<=30	Pass
		15	0	23.53	-1.50	22.03	<=30	Pass
	1778.5	1	0	24.28	-1.50	22.78	<=30	Pass
			7	24.48	-1.50	22.98	<=30	Pass
			14	24.30	-1.50	22.80	<=30	Pass
		8	0	23.15	-1.50	21.65	<=30	Pass
			4	23.29	-1.50	21.79	<=30	Pass
			7	23.17	-1.50	21.67	<=30	Pass
		15	0	23.23	-1.50	21.73	<=30	Pass
64QAM	1711.5	1	0	23.40	-1.50	21.90	<=30	Pass
			7	23.56	-1.50	22.06	<=30	Pass
			14	23.36	-1.50	21.86	<=30	Pass
		8	0	22.61	-1.50	21.11	<=30	Pass
			4	22.38	-1.50	20.88	<=30	Pass
			7	22.44	-1.50	20.94	<=30	Pass
		15	0	22.48	-1.50	20.98	<=30	Pass
	1745	1	0	23.68	-1.50	22.18	<=30	Pass
			7	23.85	-1.50	22.35	<=30	Pass
			14	23.68	-1.50	22.18	<=30	Pass
		8	0	22.61	-1.50	21.11	<=30	Pass
			4	22.44	-1.50	20.94	<=30	Pass
			7	22.54	-1.50	21.04	<=30	Pass
		15	0	22.54	-1.50	21.04	<=30	Pass
	1778.5	1	0	23.37	-1.50	21.87	<=30	Pass
			7	23.58	-1.50	22.08	<=30	Pass
			14	23.33	-1.50	21.83	<=30	Pass
		8	0	22.19	-1.50	20.69	<=30	Pass
			4	22.33	-1.50	20.83	<=30	Pass
			7	22.19	-1.50	20.69	<=30	Pass
		15	0	22.21	-1.50	20.71	<=30	Pass
256QAM	1711.5	1	0	20.53	-1.50	19.03	<=30	Pass
			7	20.73	-1.50	19.23	<=30	Pass
			14	20.42	-1.50	18.92	<=30	Pass
		8	0	20.45	-1.50	18.95	<=30	Pass
			4	20.51	-1.50	19.01	<=30	Pass
			7	20.46	-1.50	18.96	<=30	Pass
		15	0	20.46	-1.50	18.96	<=30	Pass
	1745	1	0	20.44	-1.50	18.94	<=30	Pass
			7	20.72	-1.50	19.22	<=30	Pass

		8	14	20.51	-1.50	19.01	<=30	Pass
			0	20.56	-1.50	19.06	<=30	Pass
			4	20.63	-1.50	19.13	<=30	Pass
			7	20.56	-1.50	19.06	<=30	Pass
		15	0	20.60	-1.50	19.10	<=30	Pass
	1778.5	1	0	20.17	-1.50	18.67	<=30	Pass
			7	20.32	-1.50	18.82	<=30	Pass
			14	20.24	-1.50	18.74	<=30	Pass
		8	0	20.16	-1.50	18.66	<=30	Pass
			4	20.26	-1.50	18.76	<=30	Pass
			7	20.23	-1.50	18.73	<=30	Pass
		15	0	20.24	-1.50	18.74	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / 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	25.42	-1.50	23.92	<=30	Pass
			13	25.40	-1.50	23.90	<=30	Pass
			24	25.37	-1.50	23.87	<=30	Pass
		12	0	24.42	-1.50	22.92	<=30	Pass
			6	24.48	-1.50	22.98	<=30	Pass
			13	24.42	-1.50	22.92	<=30	Pass
		25	0	24.42	-1.50	22.92	<=30	Pass
	1745	1	0	25.49	-1.50	23.99	<=30	Pass
			13	25.54	-1.50	24.04	<=30	Pass
			24	25.42	-1.50	23.92	<=30	Pass
		12	0	24.54	-1.50	23.04	<=30	Pass
			6	24.60	-1.50	23.10	<=30	Pass
			13	24.49	-1.50	22.99	<=30	Pass
		25	0	24.49	-1.50	22.99	<=30	Pass
	1777.5	1	0	25.16	-1.50	23.66	<=30	Pass
			13	25.26	-1.50	23.76	<=30	Pass
			24	25.26	-1.50	23.76	<=30	Pass
		12	0	24.09	-1.50	22.59	<=30	Pass
			6	24.16	-1.50	22.66	<=30	Pass
			13	24.19	-1.50	22.69	<=30	Pass
		25	0	24.08	-1.50	22.58	<=30	Pass
16QAM	1712.5	1	0	24.50	-1.50	23.00	<=30	Pass
			13	24.56	-1.50	23.06	<=30	Pass
			24	24.39	-1.50	22.89	<=30	Pass
		12	0	23.41	-1.50	21.91	<=30	Pass
			6	23.50	-1.50	22.00	<=30	Pass
			13	23.33	-1.50	21.83	<=30	Pass
		25	0	23.46	-1.50	21.96	<=30	Pass
	1745	1	0	24.65	-1.50	23.15	<=30	Pass
			13	24.68	-1.50	23.18	<=30	Pass
			24	24.67	-1.50	23.17	<=30	Pass
		12	0	23.51	-1.50	22.01	<=30	Pass
			6	23.70	-1.50	22.20	<=30	Pass
			13	23.47	-1.50	21.97	<=30	Pass
		25	0	23.53	-1.50	22.03	<=30	Pass
	1777.5	1	0	24.38	-1.50	22.88	<=30	Pass
			13	24.42	-1.50	22.92	<=30	Pass
			24	24.41	-1.50	22.91	<=30	Pass

		12	0	23.15	-1.50	21.65	<=30	Pass	
			6	23.16	-1.50	21.66	<=30	Pass	
			13	23.19	-1.50	21.69	<=30	Pass	
		25	0	23.10	-1.50	21.60	<=30	Pass	
64QAM	1712.5	1	0	23.56	-1.50	22.06	<=30	Pass	
			13	23.56	-1.50	22.06	<=30	Pass	
			24	23.50	-1.50	22.00	<=30	Pass	
		12	0	22.50	-1.50	21.00	<=30	Pass	
			6	22.51	-1.50	21.01	<=30	Pass	
			13	22.44	-1.50	20.94	<=30	Pass	
		25	0	22.45	-1.50	20.95	<=30	Pass	
		1745	1	0	23.60	-1.50	22.10	<=30	Pass
				13	23.68	-1.50	22.18	<=30	Pass
	24			23.55	-1.50	22.05	<=30	Pass	
	12		0	22.56	-1.50	21.06	<=30	Pass	
			6	22.62	-1.50	21.12	<=30	Pass	
			13	22.48	-1.50	20.98	<=30	Pass	
	25		0	22.52	-1.50	21.02	<=30	Pass	
	1777.5		1	0	23.09	-1.50	21.59	<=30	Pass
				13	23.20	-1.50	21.70	<=30	Pass
		24		23.19	-1.50	21.69	<=30	Pass	
		12	0	22.12	-1.50	20.62	<=30	Pass	
			6	22.15	-1.50	20.65	<=30	Pass	
			13	22.19	-1.50	20.69	<=30	Pass	
	25	0	22.12	-1.50	20.62	<=30	Pass		
256QAM	1712.5	1	0	20.44	-1.50	18.94	<=30	Pass	
			13	20.64	-1.50	19.14	<=30	Pass	
			24	20.48	-1.50	18.98	<=30	Pass	
		12	0	20.49	-1.50	18.99	<=30	Pass	
			6	20.49	-1.50	18.99	<=30	Pass	
			13	20.36	-1.50	18.86	<=30	Pass	
		25	0	20.44	-1.50	18.94	<=30	Pass	
		1745	1	0	20.62	-1.50	19.12	<=30	Pass
				13	20.79	-1.50	19.29	<=30	Pass
	24			20.55	-1.50	19.05	<=30	Pass	
	12		0	20.55	-1.50	19.05	<=30	Pass	
			6	20.62	-1.50	19.12	<=30	Pass	
			13	20.53	-1.50	19.03	<=30	Pass	
	25		0	20.50	-1.50	19.00	<=30	Pass	
	1777.5		1	0	20.22	-1.50	18.72	<=30	Pass
				13	20.35	-1.50	18.85	<=30	Pass
		24		20.26	-1.50	18.76	<=30	Pass	
		12	0	20.10	-1.50	18.60	<=30	Pass	
			6	20.16	-1.50	18.66	<=30	Pass	
			13	20.18	-1.50	18.68	<=30	Pass	
	25	0	20.12	-1.50	18.62	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	25.35	-1.50	23.85	<=30	Pass
			25	25.26	-1.50	23.76	<=30	Pass
			49	25.09	-1.50	23.59	<=30	Pass
		25	0	24.36	-1.50	22.86	<=30	Pass

		50	13	24.44	-1.50	22.94	<=30	Pass
			25	24.34	-1.50	22.84	<=30	Pass
			0	24.35	-1.50	22.85	<=30	Pass
		1	0	25.39	-1.50	23.89	<=30	Pass
			25	25.46	-1.50	23.96	<=30	Pass
			49	25.29	-1.50	23.79	<=30	Pass
		25	0	24.48	-1.50	22.98	<=30	Pass
			13	24.56	-1.50	23.06	<=30	Pass
			25	24.51	-1.50	23.01	<=30	Pass
		50	0	24.51	-1.50	23.01	<=30	Pass
	1775	1	0	24.96	-1.50	23.46	<=30	Pass
			25	25.19	-1.50	23.69	<=30	Pass
			49	25.09	-1.50	23.59	<=30	Pass
		25	0	24.00	-1.50	22.50	<=30	Pass
			13	24.12	-1.50	22.62	<=30	Pass
			25	24.14	-1.50	22.64	<=30	Pass
		50	0	24.15	-1.50	22.65	<=30	Pass
16QAM	1715	1	0	24.55	-1.50	23.05	<=30	Pass
			25	24.53	-1.50	23.03	<=30	Pass
			49	24.32	-1.50	22.82	<=30	Pass
		25	0	23.39	-1.50	21.89	<=30	Pass
			13	23.42	-1.50	21.92	<=30	Pass
			25	23.36	-1.50	21.86	<=30	Pass
		50	0	23.41	-1.50	21.91	<=30	Pass
	1745	1	0	24.60	-1.50	23.10	<=30	Pass
			25	24.67	-1.50	23.17	<=30	Pass
			49	24.51	-1.50	23.01	<=30	Pass
		25	0	23.54	-1.50	22.04	<=30	Pass
			13	23.59	-1.50	22.09	<=30	Pass
			25	23.55	-1.50	22.05	<=30	Pass
		50	0	23.53	-1.50	22.03	<=30	Pass
	1775	1	0	24.23	-1.50	22.73	<=30	Pass
			25	24.27	-1.50	22.77	<=30	Pass
			49	24.23	-1.50	22.73	<=30	Pass
		25	0	23.05	-1.50	21.55	<=30	Pass
			13	23.17	-1.50	21.67	<=30	Pass
			25	23.18	-1.50	21.68	<=30	Pass
		50	0	23.14	-1.50	21.64	<=30	Pass
64QAM	1715	1	0	23.61	-1.50	22.11	<=30	Pass
			25	23.55	-1.50	22.05	<=30	Pass
			49	23.38	-1.50	21.88	<=30	Pass
		25	0	22.38	-1.50	20.88	<=30	Pass
			13	22.43	-1.50	20.93	<=30	Pass
			25	22.36	-1.50	20.86	<=30	Pass
		50	0	22.41	-1.50	20.91	<=30	Pass
	1745	1	0	23.64	-1.50	22.14	<=30	Pass
			25	23.65	-1.50	22.15	<=30	Pass
			49	23.51	-1.50	22.01	<=30	Pass
		25	0	22.51	-1.50	21.01	<=30	Pass
			13	22.58	-1.50	21.08	<=30	Pass
			25	22.51	-1.50	21.01	<=30	Pass
		50	0	22.54	-1.50	21.04	<=30	Pass
	1775	1	0	23.27	-1.50	21.77	<=30	Pass
			25	23.26	-1.50	21.76	<=30	Pass
			49	23.37	-1.50	21.87	<=30	Pass
		25	0	22.08	-1.50	20.58	<=30	Pass
			13	22.16	-1.50	20.66	<=30	Pass
			25	22.18	-1.50	20.68	<=30	Pass
		50	0	22.14	-1.50	20.64	<=30	Pass

256QAM	1715	1	0	20.47	-1.50	18.97	<=30	Pass
			25	20.53	-1.50	19.03	<=30	Pass
			49	20.29	-1.50	18.79	<=30	Pass
		25	0	20.41	-1.50	18.91	<=30	Pass
			13	20.46	-1.50	18.96	<=30	Pass
			25	20.35	-1.50	18.85	<=30	Pass
		50	0	20.39	-1.50	18.89	<=30	Pass
	1745	1	0	20.65	-1.50	19.15	<=30	Pass
			25	20.72	-1.50	19.22	<=30	Pass
			49	20.45	-1.50	18.95	<=30	Pass
		25	0	20.47	-1.50	18.97	<=30	Pass
			13	20.58	-1.50	19.08	<=30	Pass
			25	20.52	-1.50	19.02	<=30	Pass
		50	0	20.54	-1.50	19.04	<=30	Pass
	1775	1	0	20.03	-1.50	18.53	<=30	Pass
			25	20.30	-1.50	18.80	<=30	Pass
			49	20.26	-1.50	18.76	<=30	Pass
		25	0	20.06	-1.50	18.56	<=30	Pass
			13	20.20	-1.50	18.70	<=30	Pass
			25	20.15	-1.50	18.65	<=30	Pass
		50	0	20.15	-1.50	18.65	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / 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	25.31	-1.50	23.81	<=30	Pass
			38	25.17	-1.50	23.67	<=30	Pass
			74	25.07	-1.50	23.57	<=30	Pass
		36	0	24.33	-1.50	22.83	<=30	Pass
			18	24.33	-1.50	22.83	<=30	Pass
			39	24.27	-1.50	22.77	<=30	Pass
		75	0	24.30	-1.50	22.80	<=30	Pass
	1745	1	0	25.39	-1.50	23.89	<=30	Pass
			38	25.38	-1.50	23.88	<=30	Pass
			74	25.20	-1.50	23.70	<=30	Pass
		36	0	24.46	-1.50	22.96	<=30	Pass
			18	24.52	-1.50	23.02	<=30	Pass
			39	24.43	-1.50	22.93	<=30	Pass
		75	0	24.41	-1.50	22.91	<=30	Pass
	1772.5	1	0	24.98	-1.50	23.48	<=30	Pass
			38	25.04	-1.50	23.54	<=30	Pass
			74	25.05	-1.50	23.55	<=30	Pass
		36	0	23.98	-1.50	22.48	<=30	Pass
			18	23.98	-1.50	22.48	<=30	Pass
			39	24.10	-1.50	22.60	<=30	Pass
		75	0	24.05	-1.50	22.55	<=30	Pass
16QAM	1717.5	1	0	24.55	-1.50	23.05	<=30	Pass
			38	24.39	-1.50	22.89	<=30	Pass
			74	24.31	-1.50	22.81	<=30	Pass
		36	0	23.32	-1.50	21.82	<=30	Pass
			18	23.37	-1.50	21.87	<=30	Pass
			39	23.29	-1.50	21.79	<=30	Pass
		75	0	23.37	-1.50	21.87	<=30	Pass
	1745	1	0	24.69	-1.50	23.19	<=30	Pass

				38	24.64	-1.50	23.14	<=30	Pass	
				74	24.45	-1.50	22.95	<=30	Pass	
		36		0	23.43	-1.50	21.93	<=30	Pass	
				18	23.53	-1.50	22.03	<=30	Pass	
				39	23.42	-1.50	21.92	<=30	Pass	
			75	0	23.45	-1.50	21.95	<=30	Pass	
		1772.5	1		0	24.04	-1.50	22.54	<=30	Pass
					38	24.16	-1.50	22.66	<=30	Pass
				74	24.26	-1.50	22.76	<=30	Pass	
	36			0	23.02	-1.50	21.52	<=30	Pass	
				18	23.02	-1.50	21.52	<=30	Pass	
				39	23.09	-1.50	21.59	<=30	Pass	
	75		0	23.11	-1.50	21.61	<=30	Pass		
	64QAM		1717.5	1		0	23.66	-1.50	22.16	<=30
					38	23.62	-1.50	22.12	<=30	Pass
					74	23.54	-1.50	22.04	<=30	Pass
36				0	22.35	-1.50	20.85	<=30	Pass	
				18	22.37	-1.50	20.87	<=30	Pass	
				39	22.31	-1.50	20.81	<=30	Pass	
75		0		22.36	-1.50	20.86	<=30	Pass		
1745		1			0	23.62	-1.50	22.12	<=30	Pass
				38	23.64	-1.50	22.14	<=30	Pass	
				74	23.36	-1.50	21.86	<=30	Pass	
		36		0	22.42	-1.50	20.92	<=30	Pass	
				18	22.51	-1.50	21.01	<=30	Pass	
				39	22.42	-1.50	20.92	<=30	Pass	
		75	0	22.46	-1.50	20.96	<=30	Pass		
		1772.5	1		0	23.24	-1.50	21.74	<=30	Pass
				38	23.25	-1.50	21.75	<=30	Pass	
				74	23.23	-1.50	21.73	<=30	Pass	
36				0	22.01	-1.50	20.51	<=30	Pass	
				18	22.04	-1.50	20.54	<=30	Pass	
				39	22.09	-1.50	20.59	<=30	Pass	
75			0	22.13	-1.50	20.63	<=30	Pass		
256QAM			1717.5	1		0	20.52	-1.50	19.02	<=30
					38	20.44	-1.50	18.94	<=30	Pass
					74	20.36	-1.50	18.86	<=30	Pass
	36			0	20.30	-1.50	18.80	<=30	Pass	
				18	20.37	-1.50	18.87	<=30	Pass	
				39	20.28	-1.50	18.78	<=30	Pass	
	75	0		20.34	-1.50	18.84	<=30	Pass		
	1745	1			0	20.64	-1.50	19.14	<=30	Pass
				38	20.72	-1.50	19.22	<=30	Pass	
				74	20.46	-1.50	18.96	<=30	Pass	
		36		0	20.46	-1.50	18.96	<=30	Pass	
				18	20.49	-1.50	18.99	<=30	Pass	
				39	20.47	-1.50	18.97	<=30	Pass	
		75	0	20.46	-1.50	18.96	<=30	Pass		
		1772.5	1		0	20.11	-1.50	18.61	<=30	Pass
				38	20.20	-1.50	18.70	<=30	Pass	
				74	20.19	-1.50	18.69	<=30	Pass	
	36			0	20.01	-1.50	18.51	<=30	Pass	
				18	19.99	-1.50	18.49	<=30	Pass	
				39	20.07	-1.50	18.57	<=30	Pass	
	75		0	20.10	-1.50	18.60	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	25.33	-1.50	23.83	<=30	Pass
			50	25.23	-1.50	23.73	<=30	Pass
			99	25.22	-1.50	23.72	<=30	Pass
		50	0	24.29	-1.50	22.79	<=30	Pass
			25	24.35	-1.50	22.85	<=30	Pass
			50	24.26	-1.50	22.76	<=30	Pass
		100	0	24.28	-1.50	22.78	<=30	Pass
	1745	1	0	25.37	-1.50	23.87	<=30	Pass
			50	25.41	-1.50	23.91	<=30	Pass
			99	25.12	-1.50	23.62	<=30	Pass
		50	0	24.49	-1.50	22.99	<=30	Pass
			25	24.55	-1.50	23.05	<=30	Pass
			50	24.43	-1.50	22.93	<=30	Pass
		100	0	24.51	-1.50	23.01	<=30	Pass
	1770	1	0	25.11	-1.50	23.61	<=30	Pass
			50	24.96	-1.50	23.46	<=30	Pass
			99	25.11	-1.50	23.61	<=30	Pass
		50	0	24.05	-1.50	22.55	<=30	Pass
			25	24.04	-1.50	22.54	<=30	Pass
			50	24.07	-1.50	22.57	<=30	Pass
		100	0	24.05	-1.50	22.55	<=30	Pass
16QAM	1720	1	0	24.50	-1.50	23.00	<=30	Pass
			50	24.44	-1.50	22.94	<=30	Pass
			99	24.34	-1.50	22.84	<=30	Pass
		50	0	23.33	-1.50	21.83	<=30	Pass
			25	23.33	-1.50	21.83	<=30	Pass
			50	23.24	-1.50	21.74	<=30	Pass
		100	0	23.35	-1.50	21.85	<=30	Pass
	1745	1	0	24.60	-1.50	23.10	<=30	Pass
			50	24.53	-1.50	23.03	<=30	Pass
			99	24.20	-1.50	22.70	<=30	Pass
		50	0	23.48	-1.50	21.98	<=30	Pass
			25	23.54	-1.50	22.04	<=30	Pass
			50	23.43	-1.50	21.93	<=30	Pass
		100	0	23.47	-1.50	21.97	<=30	Pass
	1770	1	0	24.39	-1.50	22.89	<=30	Pass
			50	24.30	-1.50	22.80	<=30	Pass
			99	24.32	-1.50	22.82	<=30	Pass
		50	0	23.10	-1.50	21.60	<=30	Pass
			25	23.06	-1.50	21.56	<=30	Pass
			50	23.14	-1.50	21.64	<=30	Pass
		100	0	23.05	-1.50	21.55	<=30	Pass
64QAM	1720	1	0	23.53	-1.50	22.03	<=30	Pass
			50	23.33	-1.50	21.83	<=30	Pass
			99	23.27	-1.50	21.77	<=30	Pass
		50	0	22.34	-1.50	20.84	<=30	Pass
			25	22.33	-1.50	20.83	<=30	Pass
			50	22.27	-1.50	20.77	<=30	Pass
		100	0	22.36	-1.50	20.86	<=30	Pass
	1745	1	0	23.69	-1.50	22.19	<=30	Pass
			50	23.78	-1.50	22.28	<=30	Pass
			99	23.46	-1.50	21.96	<=30	Pass

		50	0	22.48	-1.50	20.98	<=30	Pass
			25	22.54	-1.50	21.04	<=30	Pass
			50	22.44	-1.50	20.94	<=30	Pass
		100	0	22.49	-1.50	20.99	<=30	Pass
	1770	1	0	23.45	-1.50	21.95	<=30	Pass
			50	23.33	-1.50	21.83	<=30	Pass
			99	23.28	-1.50	21.78	<=30	Pass
		50	0	22.06	-1.50	20.56	<=30	Pass
			25	22.05	-1.50	20.55	<=30	Pass
			50	22.09	-1.50	20.59	<=30	Pass
		100	0	22.02	-1.50	20.52	<=30	Pass
256QAM	1720	1	0	20.42	-1.50	18.92	<=30	Pass
			50	20.55	-1.50	19.05	<=30	Pass
			99	20.43	-1.50	18.93	<=30	Pass
		50	0	20.29	-1.50	18.79	<=30	Pass
			25	20.31	-1.50	18.81	<=30	Pass
			50	20.28	-1.50	18.78	<=30	Pass
		100	0	20.33	-1.50	18.83	<=30	Pass
	1745	1	0	20.37	-1.50	18.87	<=30	Pass
			50	20.56	-1.50	19.06	<=30	Pass
			99	20.44	-1.50	18.94	<=30	Pass
		50	0	20.45	-1.50	18.95	<=30	Pass
			25	20.53	-1.50	19.03	<=30	Pass
			50	20.38	-1.50	18.88	<=30	Pass
		100	0	20.49	-1.50	18.99	<=30	Pass
	1770	1	0	20.26	-1.50	18.76	<=30	Pass
			50	20.24	-1.50	18.74	<=30	Pass
			99	20.16	-1.50	18.66	<=30	Pass
		50	0	20.07	-1.50	18.57	<=30	Pass
			25	20.02	-1.50	18.52	<=30	Pass
			50	20.09	-1.50	18.59	<=30	Pass
100		0	20.05	-1.50	18.55	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / 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	-19.060	-0.0111	-2.5 to 2.5	Pass
					3.91	-18.468	-0.0108	-2.5 to 2.5	Pass
					4.3	-16.208	-0.0095	-2.5 to 2.5	Pass
				-30	3.91	-13.385	-0.0078	-2.5 to 2.5	Pass
				-20	3.91	-10.995	-0.0064	-2.5 to 2.5	Pass
				-10	3.91	-8.149	-0.0048	-2.5 to 2.5	Pass
				0	3.91	-5.425	-0.0032	-2.5 to 2.5	Pass
				10	3.91	-4.191	-0.0024	-2.5 to 2.5	Pass
				30	3.91	-3.530	-0.0021	-2.5 to 2.5	Pass
				40	3.91	-2.315	-0.0014	-2.5 to 2.5	Pass
				50	3.91	-1.440	-0.0008	-2.5 to 2.5	Pass
	1745	6	0	20	3.6	6.500	0.0037	-2.5 to 2.5	Pass
					3.91	6.422	0.0037	-2.5 to 2.5	Pass
					4.3	4.275	0.0024	-2.5 to 2.5	Pass
				-30	3.91	4.743	0.0027	-2.5 to 2.5	Pass
				-20	3.91	3.096	0.0018	-2.5 to 2.5	Pass
				-10	3.91	1.777	0.0010	-2.5 to 2.5	Pass
				0	3.91	2.113	0.0012	-2.5 to 2.5	Pass
				10	3.91	1.366	0.0008	-2.5 to 2.5	Pass
				30	3.91	1.166	0.0007	-2.5 to 2.5	Pass
				40	3.91	2.125	0.0012	-2.5 to 2.5	Pass
				50	3.91	-0.189	-0.0001	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.6	11.500	0.0065	-2.5 to 2.5	Pass
					3.91	8.934	0.0050	-2.5 to 2.5	Pass
					4.3	6.406	0.0036	-2.5 to 2.5	Pass
				-30	3.91	5.868	0.0033	-2.5 to 2.5	Pass
				-20	3.91	5.077	0.0029	-2.5 to 2.5	Pass
				-10	3.91	4.132	0.0023	-2.5 to 2.5	Pass
				0	3.91	2.719	0.0015	-2.5 to 2.5	Pass
				10	3.91	2.667	0.0015	-2.5 to 2.5	Pass
				30	3.91	2.043	0.0011	-2.5 to 2.5	Pass
				40	3.91	3.304	0.0019	-2.5 to 2.5	Pass
				50	3.91	0.743	0.0004	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.6	-0.502	-0.0003	-2.5 to 2.5	Pass
					3.91	-1.338	-0.0008	-2.5 to 2.5	Pass
					4.3	-0.925	-0.0005	-2.5 to 2.5	Pass
				-30	3.91	-0.016	0.0000	-2.5 to 2.5	Pass
				-20	3.91	-0.359	-0.0002	-2.5 to 2.5	Pass
				-10	3.91	0.719	0.0004	-2.5 to 2.5	Pass
				0	3.91	0.644	0.0004	-2.5 to 2.5	Pass
				10	3.91	0.300	0.0002	-2.5 to 2.5	Pass
				30	3.91	-1.333	-0.0008	-2.5 to 2.5	Pass
				40	3.91	-0.008	0.0000	-2.5 to 2.5	Pass
				50	3.91	0.781	0.0005	-2.5 to 2.5	Pass
	1745	6	0	20	3.6	3.146	0.0018	-2.5 to 2.5	Pass
					3.91	0.395	0.0002	-2.5 to 2.5	Pass
					4.3	-0.004	0.0000	-2.5 to 2.5	Pass

				-30	3.91	-0.191	-0.0001	-2.5 to 2.5	Pass
				-20	3.91	-0.044	0.0000	-2.5 to 2.5	Pass
				-10	3.91	0.335	0.0002	-2.5 to 2.5	Pass
				0	3.91	0.197	0.0001	-2.5 to 2.5	Pass
				10	3.91	0.427	0.0002	-2.5 to 2.5	Pass
				30	3.91	0.641	0.0004	-2.5 to 2.5	Pass
				40	3.91	0.203	0.0001	-2.5 to 2.5	Pass
				50	3.91	1.667	0.0010	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.6	1.503	0.0008	-2.5 to 2.5	Pass
					3.91	1.118	0.0006	-2.5 to 2.5	Pass
					4.3	1.832	0.0010	-2.5 to 2.5	Pass
				-30	3.91	0.373	0.0002	-2.5 to 2.5	Pass
				-20	3.91	1.235	0.0007	-2.5 to 2.5	Pass
				-10	3.91	0.230	0.0001	-2.5 to 2.5	Pass
				0	3.91	1.093	0.0006	-2.5 to 2.5	Pass
				10	3.91	0.924	0.0005	-2.5 to 2.5	Pass
				30	3.91	1.150	0.0006	-2.5 to 2.5	Pass
				40	3.91	1.376	0.0008	-2.5 to 2.5	Pass
				50	3.91	0.900	0.0005	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	20	3.6	0.982	0.0006	-2.5 to 2.5	Pass
					3.91	-0.201	-0.0001	-2.5 to 2.5	Pass
					4.3	-0.064	0.0000	-2.5 to 2.5	Pass
				-30	3.91	1.333	0.0008	-2.5 to 2.5	Pass
				-20	3.91	-0.196	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	-0.041	0.0000	-2.5 to 2.5	Pass
				0	3.91	0.813	0.0005	-2.5 to 2.5	Pass
				10	3.91	-0.386	-0.0002	-2.5 to 2.5	Pass
				30	3.91	0.558	0.0003	-2.5 to 2.5	Pass
				40	3.91	0.363	0.0002	-2.5 to 2.5	Pass
				50	3.91	0.975	0.0006	-2.5 to 2.5	Pass
	1745	6	0	20	3.6	0.815	0.0005	-2.5 to 2.5	Pass
					3.91	1.151	0.0007	-2.5 to 2.5	Pass
					4.3	0.808	0.0005	-2.5 to 2.5	Pass
				-30	3.91	0.997	0.0006	-2.5 to 2.5	Pass
				-20	3.91	0.034	0.0000	-2.5 to 2.5	Pass
				-10	3.91	-1.016	-0.0006	-2.5 to 2.5	Pass
				0	3.91	1.424	0.0008	-2.5 to 2.5	Pass
				10	3.91	0.629	0.0004	-2.5 to 2.5	Pass
				30	3.91	0.405	0.0002	-2.5 to 2.5	Pass
				40	3.91	1.963	0.0011	-2.5 to 2.5	Pass
				50	3.91	1.096	0.0006	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.6	0.410	0.0002	-2.5 to 2.5	Pass
					3.91	0.461	0.0003	-2.5 to 2.5	Pass
					4.3	0.898	0.0005	-2.5 to 2.5	Pass
				-30	3.91	0.733	0.0004	-2.5 to 2.5	Pass
				-20	3.91	-0.153	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	0.230	0.0001	-2.5 to 2.5	Pass
				0	3.91	0.121	0.0001	-2.5 to 2.5	Pass
				10	3.91	1.253	0.0007	-2.5 to 2.5	Pass
				30	3.91	1.252	0.0007	-2.5 to 2.5	Pass
				40	3.91	1.534	0.0009	-2.5 to 2.5	Pass
				50	3.91	1.350	0.0008	-2.5 to 2.5	Pass
256QAM	1710.7	6	0	20	3.6	1.254	0.0007	-2.5 to 2.5	Pass
					3.91	-0.358	-0.0002	-2.5 to 2.5	Pass
					4.3	0.743	0.0004	-2.5 to 2.5	Pass
				-30	3.91	0.780	0.0005	-2.5 to 2.5	Pass
				-20	3.91	0.494	0.0003	-2.5 to 2.5	Pass
				-10	3.91	1.251	0.0007	-2.5 to 2.5	Pass
				0	3.91	0.600	0.0004	-2.5 to 2.5	Pass

				10	3.91	0.586	0.0003	-2.5 to 2.5	Pass
				30	3.91	1.118	0.0007	-2.5 to 2.5	Pass
				40	3.91	0.368	0.0002	-2.5 to 2.5	Pass
				50	3.91	0.275	0.0002	-2.5 to 2.5	Pass
	1745	6	0	20	3.6	0.690	0.0004	-2.5 to 2.5	Pass
					3.91	1.275	0.0007	-2.5 to 2.5	Pass
					4.3	-0.984	-0.0006	-2.5 to 2.5	Pass
				-30	3.91	0.368	0.0002	-2.5 to 2.5	Pass
				-20	3.91	-0.198	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	-0.066	0.0000	-2.5 to 2.5	Pass
				0	3.91	0.577	0.0003	-2.5 to 2.5	Pass
				10	3.91	0.217	0.0001	-2.5 to 2.5	Pass
				30	3.91	1.267	0.0007	-2.5 to 2.5	Pass
				40	3.91	1.141	0.0007	-2.5 to 2.5	Pass
				50	3.91	0.511	0.0003	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.6	2.275	0.0013	-2.5 to 2.5	Pass
					3.91	1.790	0.0010	-2.5 to 2.5	Pass
					4.3	0.599	0.0003	-2.5 to 2.5	Pass
				-30	3.91	1.554	0.0009	-2.5 to 2.5	Pass
				-20	3.91	1.131	0.0006	-2.5 to 2.5	Pass
				-10	3.91	0.334	0.0002	-2.5 to 2.5	Pass
				0	3.91	0.257	0.0001	-2.5 to 2.5	Pass
				10	3.91	0.165	0.0001	-2.5 to 2.5	Pass
				30	3.91	-0.173	-0.0001	-2.5 to 2.5	Pass
				40	3.91	-0.493	-0.0003	-2.5 to 2.5	Pass
				50	3.91	0.072	0.0000	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / 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	-0.263	-0.0002	-2.5 to 2.5	Pass
					3.91	-1.242	-0.0007	-2.5 to 2.5	Pass
					4.3	-1.338	-0.0008	-2.5 to 2.5	Pass
				-30	3.91	-1.481	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	-0.704	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	-1.429	-0.0008	-2.5 to 2.5	Pass
				0	3.91	-0.026	0.0000	-2.5 to 2.5	Pass
				10	3.91	-0.170	-0.0001	-2.5 to 2.5	Pass
				30	3.91	0.504	0.0003	-2.5 to 2.5	Pass
				40	3.91	-1.493	-0.0009	-2.5 to 2.5	Pass
				50	3.91	-0.838	-0.0005	-2.5 to 2.5	Pass
	1745	15	0	20	3.6	0.490	0.0003	-2.5 to 2.5	Pass
					3.91	-2.228	-0.0013	-2.5 to 2.5	Pass
					4.3	-1.387	-0.0008	-2.5 to 2.5	Pass
				-30	3.91	-0.398	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	0.444	0.0003	-2.5 to 2.5	Pass
				-10	3.91	-0.296	-0.0002	-2.5 to 2.5	Pass
				0	3.91	0.353	0.0002	-2.5 to 2.5	Pass
				10	3.91	-0.433	-0.0002	-2.5 to 2.5	Pass
				30	3.91	-0.868	-0.0005	-2.5 to 2.5	Pass
				40	3.91	-0.242	-0.0001	-2.5 to 2.5	Pass
				50	3.91	-1.269	-0.0007	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.6	-0.312	-0.0002	-2.5 to 2.5	Pass
					3.91	-0.019	0.0000	-2.5 to 2.5	Pass
					4.3	-0.025	0.0000	-2.5 to 2.5	Pass

				-30	3.91	-1.428	-0.0008	-2.5 to 2.5	Pass
				-20	3.91	-0.760	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	-0.072	0.0000	-2.5 to 2.5	Pass
				0	3.91	-1.529	-0.0009	-2.5 to 2.5	Pass
				10	3.91	-0.292	-0.0002	-2.5 to 2.5	Pass
				30	3.91	-1.049	-0.0006	-2.5 to 2.5	Pass
				40	3.91	-0.757	-0.0004	-2.5 to 2.5	Pass
				50	3.91	-1.858	-0.0010	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.6	-0.515	-0.0003	-2.5 to 2.5	Pass
					3.91	0.502	0.0003	-2.5 to 2.5	Pass
					4.3	1.041	0.0006	-2.5 to 2.5	Pass
				-30	3.91	-1.558	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	-0.334	-0.0002	-2.5 to 2.5	Pass
				-10	3.91	-0.327	-0.0002	-2.5 to 2.5	Pass
				0	3.91	0.217	0.0001	-2.5 to 2.5	Pass
				10	3.91	0.553	0.0003	-2.5 to 2.5	Pass
				30	3.91	1.094	0.0006	-2.5 to 2.5	Pass
				40	3.91	-0.126	-0.0001	-2.5 to 2.5	Pass
				50	3.91	-0.747	-0.0004	-2.5 to 2.5	Pass
	1745	15	0	20	3.6	-0.756	-0.0004	-2.5 to 2.5	Pass
					3.91	-1.770	-0.0010	-2.5 to 2.5	Pass
					4.3	-0.839	-0.0005	-2.5 to 2.5	Pass
				-30	3.91	-0.093	-0.0001	-2.5 to 2.5	Pass
				-20	3.91	0.216	0.0001	-2.5 to 2.5	Pass
				-10	3.91	-1.249	-0.0007	-2.5 to 2.5	Pass
				0	3.91	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.91	-0.038	0.0000	-2.5 to 2.5	Pass
				30	3.91	0.174	0.0001	-2.5 to 2.5	Pass
				40	3.91	-0.409	-0.0002	-2.5 to 2.5	Pass
				50	3.91	-1.004	-0.0006	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.6	-1.787	-0.0010	-2.5 to 2.5	Pass
					3.91	-0.791	-0.0004	-2.5 to 2.5	Pass
					4.3	-0.227	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	-1.622	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	-0.613	-0.0003	-2.5 to 2.5	Pass
				-10	3.91	-1.903	-0.0011	-2.5 to 2.5	Pass
				0	3.91	-1.431	-0.0008	-2.5 to 2.5	Pass
				10	3.91	-1.389	-0.0008	-2.5 to 2.5	Pass
				30	3.91	-1.266	-0.0007	-2.5 to 2.5	Pass
				40	3.91	-0.944	-0.0005	-2.5 to 2.5	Pass
				50	3.91	-1.441	-0.0008	-2.5 to 2.5	Pass
64QAM	1711.5	15	0	20	3.6	0.345	0.0002	-2.5 to 2.5	Pass
					3.91	0.717	0.0004	-2.5 to 2.5	Pass
					4.3	0.090	0.0001	-2.5 to 2.5	Pass
				-30	3.91	-1.238	-0.0007	-2.5 to 2.5	Pass
				-20	3.91	0.242	0.0001	-2.5 to 2.5	Pass
				-10	3.91	0.343	0.0002	-2.5 to 2.5	Pass
				0	3.91	0.814	0.0005	-2.5 to 2.5	Pass
				10	3.91	0.304	0.0002	-2.5 to 2.5	Pass
				30	3.91	0.819	0.0005	-2.5 to 2.5	Pass
				40	3.91	0.045	0.0000	-2.5 to 2.5	Pass
				50	3.91	0.063	0.0000	-2.5 to 2.5	Pass
	1745	15	0	20	3.6	-1.414	-0.0008	-2.5 to 2.5	Pass
					3.91	-0.818	-0.0005	-2.5 to 2.5	Pass
					4.3	0.679	0.0004	-2.5 to 2.5	Pass
				-30	3.91	0.479	0.0003	-2.5 to 2.5	Pass
				-20	3.91	-1.272	-0.0007	-2.5 to 2.5	Pass
				-10	3.91	-1.103	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-0.119	-0.0001	-2.5 to 2.5	Pass

				10	3.91	-0.491	-0.0003	-2.5 to 2.5	Pass
				30	3.91	-0.373	-0.0002	-2.5 to 2.5	Pass
				40	3.91	-0.502	-0.0003	-2.5 to 2.5	Pass
				50	3.91	0.288	0.0002	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.6	-1.875	-0.0011	-2.5 to 2.5	Pass
					3.91	-1.461	-0.0008	-2.5 to 2.5	Pass
					4.3	-2.246	-0.0013	-2.5 to 2.5	Pass
				-30	3.91	-0.428	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	-1.266	-0.0007	-2.5 to 2.5	Pass
				-10	3.91	-1.518	-0.0009	-2.5 to 2.5	Pass
				0	3.91	-1.142	-0.0006	-2.5 to 2.5	Pass
				10	3.91	-0.979	-0.0006	-2.5 to 2.5	Pass
				30	3.91	-0.627	-0.0004	-2.5 to 2.5	Pass
				40	3.91	-1.887	-0.0011	-2.5 to 2.5	Pass
				50	3.91	-0.818	-0.0005	-2.5 to 2.5	Pass
256QAM	1711.5	15	0	20	3.6	1.057	0.0006	-2.5 to 2.5	Pass
					3.91	-1.132	-0.0007	-2.5 to 2.5	Pass
					4.3	0.245	0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.809	-0.0005	-2.5 to 2.5	Pass
				-20	3.91	1.369	0.0008	-2.5 to 2.5	Pass
				-10	3.91	0.828	0.0005	-2.5 to 2.5	Pass
				0	3.91	0.590	0.0003	-2.5 to 2.5	Pass
				10	3.91	0.019	0.0000	-2.5 to 2.5	Pass
				30	3.91	-0.216	-0.0001	-2.5 to 2.5	Pass
				40	3.91	-0.345	-0.0002	-2.5 to 2.5	Pass
				50	3.91	1.124	0.0007	-2.5 to 2.5	Pass
	1745	15	0	20	3.6	0.709	0.0004	-2.5 to 2.5	Pass
					3.91	0.464	0.0003	-2.5 to 2.5	Pass
					4.3	0.230	0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.677	-0.0004	-2.5 to 2.5	Pass
				-20	3.91	-0.431	-0.0002	-2.5 to 2.5	Pass
				-10	3.91	0.182	0.0001	-2.5 to 2.5	Pass
				0	3.91	-0.574	-0.0003	-2.5 to 2.5	Pass
				10	3.91	-0.620	-0.0004	-2.5 to 2.5	Pass
				30	3.91	-0.023	0.0000	-2.5 to 2.5	Pass
				40	3.91	1.117	0.0006	-2.5 to 2.5	Pass
				50	3.91	-0.273	-0.0002	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.6	-2.661	-0.0015	-2.5 to 2.5	Pass
					3.91	-2.874	-0.0016	-2.5 to 2.5	Pass
					4.3	-1.980	-0.0011	-2.5 to 2.5	Pass
				-30	3.91	-1.795	-0.0010	-2.5 to 2.5	Pass
				-20	3.91	-1.537	-0.0009	-2.5 to 2.5	Pass
				-10	3.91	-2.800	-0.0016	-2.5 to 2.5	Pass
				0	3.91	-1.736	-0.0010	-2.5 to 2.5	Pass
				10	3.91	-2.592	-0.0015	-2.5 to 2.5	Pass
				30	3.91	-2.385	-0.0013	-2.5 to 2.5	Pass
				40	3.91	-0.472	-0.0003	-2.5 to 2.5	Pass
				50	3.91	-1.189	-0.0007	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / 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	-2.514	-0.0015	-2.5 to 2.5	Pass
					3.91	-0.155	-0.0001	-2.5 to 2.5	Pass
					4.3	-2.295	-0.0013	-2.5 to 2.5	Pass

				-30	3.91	-0.945	-0.0006	-2.5 to 2.5	Pass
				-20	3.91	-2.320	-0.0014	-2.5 to 2.5	Pass
				-10	3.91	-1.455	-0.0008	-2.5 to 2.5	Pass
				0	3.91	-1.550	-0.0009	-2.5 to 2.5	Pass
				10	3.91	-1.638	-0.0010	-2.5 to 2.5	Pass
				30	3.91	-2.776	-0.0016	-2.5 to 2.5	Pass
				40	3.91	-1.034	-0.0006	-2.5 to 2.5	Pass
				50	3.91	-2.622	-0.0015	-2.5 to 2.5	Pass
	1745	25	0	20	3.6	-1.473	-0.0008	-2.5 to 2.5	Pass
					3.91	-0.117	-0.0001	-2.5 to 2.5	Pass
					4.3	-1.706	-0.0010	-2.5 to 2.5	Pass
				-30	3.91	-0.280	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	-2.263	-0.0013	-2.5 to 2.5	Pass
				-10	3.91	-1.258	-0.0007	-2.5 to 2.5	Pass
				0	3.91	-0.736	-0.0004	-2.5 to 2.5	Pass
				10	3.91	0.275	0.0002	-2.5 to 2.5	Pass
				30	3.91	-1.151	-0.0007	-2.5 to 2.5	Pass
				40	3.91	-1.088	-0.0006	-2.5 to 2.5	Pass
				50	3.91	-1.442	-0.0008	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.6	2.483	0.0014	-2.5 to 2.5	Pass
					3.91	1.025	0.0006	-2.5 to 2.5	Pass
					4.3	1.774	0.0010	-2.5 to 2.5	Pass
				-30	3.91	0.249	0.0001	-2.5 to 2.5	Pass
				-20	3.91	1.019	0.0006	-2.5 to 2.5	Pass
				-10	3.91	2.059	0.0012	-2.5 to 2.5	Pass
				0	3.91	1.681	0.0009	-2.5 to 2.5	Pass
				10	3.91	0.957	0.0005	-2.5 to 2.5	Pass
				30	3.91	1.949	0.0011	-2.5 to 2.5	Pass
				40	3.91	2.024	0.0011	-2.5 to 2.5	Pass
				50	3.91	2.068	0.0012	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.6	-3.620	-0.0021	-2.5 to 2.5	Pass
					3.91	-2.059	-0.0012	-2.5 to 2.5	Pass
					4.3	-1.717	-0.0010	-2.5 to 2.5	Pass
				-30	3.91	-2.628	-0.0015	-2.5 to 2.5	Pass
				-20	3.91	-2.044	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-1.439	-0.0008	-2.5 to 2.5	Pass
				0	3.91	-1.385	-0.0008	-2.5 to 2.5	Pass
				10	3.91	-2.612	-0.0015	-2.5 to 2.5	Pass
				30	3.91	-2.505	-0.0015	-2.5 to 2.5	Pass
				40	3.91	-2.225	-0.0013	-2.5 to 2.5	Pass
				50	3.91	-1.817	-0.0011	-2.5 to 2.5	Pass
	1745	25	0	20	3.6	-1.500	-0.0009	-2.5 to 2.5	Pass
					3.91	-0.767	-0.0004	-2.5 to 2.5	Pass
					4.3	-1.129	-0.0006	-2.5 to 2.5	Pass
				-30	3.91	-0.432	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	-1.704	-0.0010	-2.5 to 2.5	Pass
				-10	3.91	-0.685	-0.0004	-2.5 to 2.5	Pass
				0	3.91	-0.916	-0.0005	-2.5 to 2.5	Pass
				10	3.91	-1.863	-0.0011	-2.5 to 2.5	Pass
				30	3.91	-1.136	-0.0007	-2.5 to 2.5	Pass
				40	3.91	0.223	0.0001	-2.5 to 2.5	Pass
				50	3.91	-1.066	-0.0006	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.6	1.957	0.0011	-2.5 to 2.5	Pass
					3.91	1.517	0.0009	-2.5 to 2.5	Pass
					4.3	0.975	0.0005	-2.5 to 2.5	Pass
				-30	3.91	1.957	0.0011	-2.5 to 2.5	Pass
				-20	3.91	2.719	0.0015	-2.5 to 2.5	Pass
				-10	3.91	1.795	0.0010	-2.5 to 2.5	Pass
				0	3.91	2.413	0.0014	-2.5 to 2.5	Pass

				10	3.91	1.829	0.0010	-2.5 to 2.5	Pass
				30	3.91	2.319	0.0013	-2.5 to 2.5	Pass
				40	3.91	2.805	0.0016	-2.5 to 2.5	Pass
				50	3.91	2.176	0.0012	-2.5 to 2.5	Pass
64QAM	1712.5	25	0	20	3.6	-0.370	-0.0002	-2.5 to 2.5	Pass
					3.91	-2.485	-0.0015	-2.5 to 2.5	Pass
					4.3	-2.398	-0.0014	-2.5 to 2.5	Pass
				-30	3.91	-2.389	-0.0014	-2.5 to 2.5	Pass
				-20	3.91	-1.201	-0.0007	-2.5 to 2.5	Pass
				-10	3.91	-1.707	-0.0010	-2.5 to 2.5	Pass
				0	3.91	-1.503	-0.0009	-2.5 to 2.5	Pass
				10	3.91	-2.126	-0.0012	-2.5 to 2.5	Pass
				30	3.91	-3.383	-0.0020	-2.5 to 2.5	Pass
				40	3.91	-2.338	-0.0014	-2.5 to 2.5	Pass
				50	3.91	-1.590	-0.0009	-2.5 to 2.5	Pass
	1745	25	0	20	3.6	0.055	0.0000	-2.5 to 2.5	Pass
					3.91	-1.958	-0.0011	-2.5 to 2.5	Pass
					4.3	-1.464	-0.0008	-2.5 to 2.5	Pass
				-30	3.91	-1.076	-0.0006	-2.5 to 2.5	Pass
				-20	3.91	0.107	0.0001	-2.5 to 2.5	Pass
				-10	3.91	-0.042	0.0000	-2.5 to 2.5	Pass
				0	3.91	-0.545	-0.0003	-2.5 to 2.5	Pass
				10	3.91	-1.529	-0.0009	-2.5 to 2.5	Pass
				30	3.91	0.631	0.0004	-2.5 to 2.5	Pass
				40	3.91	0.155	0.0001	-2.5 to 2.5	Pass
				50	3.91	0.936	0.0005	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.6	2.693	0.0015	-2.5 to 2.5	Pass
					3.91	1.539	0.0009	-2.5 to 2.5	Pass
					4.3	2.685	0.0015	-2.5 to 2.5	Pass
				-30	3.91	2.071	0.0012	-2.5 to 2.5	Pass
				-20	3.91	3.004	0.0017	-2.5 to 2.5	Pass
				-10	3.91	3.020	0.0017	-2.5 to 2.5	Pass
				0	3.91	2.097	0.0012	-2.5 to 2.5	Pass
				10	3.91	1.502	0.0008	-2.5 to 2.5	Pass
				30	3.91	2.820	0.0016	-2.5 to 2.5	Pass
				40	3.91	1.251	0.0007	-2.5 to 2.5	Pass
				50	3.91	1.445	0.0008	-2.5 to 2.5	Pass
256QAM	1712.5	25	0	20	3.6	-2.439	-0.0014	-2.5 to 2.5	Pass
					3.91	-1.226	-0.0007	-2.5 to 2.5	Pass
					4.3	-0.062	0.0000	-2.5 to 2.5	Pass
				-30	3.91	0.827	0.0005	-2.5 to 2.5	Pass
				-20	3.91	-0.584	-0.0003	-2.5 to 2.5	Pass
				-10	3.91	-2.454	-0.0014	-2.5 to 2.5	Pass
				0	3.91	-0.578	-0.0003	-2.5 to 2.5	Pass
				10	3.91	-0.118	-0.0001	-2.5 to 2.5	Pass
				30	3.91	-1.818	-0.0011	-2.5 to 2.5	Pass
				40	3.91	-1.338	-0.0008	-2.5 to 2.5	Pass
				50	3.91	-0.418	-0.0002	-2.5 to 2.5	Pass
	1745	25	0	20	3.6	0.431	0.0002	-2.5 to 2.5	Pass
					3.91	0.276	0.0002	-2.5 to 2.5	Pass
					4.3	-1.737	-0.0010	-2.5 to 2.5	Pass
				-30	3.91	-0.447	-0.0003	-2.5 to 2.5	Pass
				-20	3.91	-0.579	-0.0003	-2.5 to 2.5	Pass
				-10	3.91	0.139	0.0001	-2.5 to 2.5	Pass
				0	3.91	-0.386	-0.0002	-2.5 to 2.5	Pass
				10	3.91	0.101	0.0001	-2.5 to 2.5	Pass
				30	3.91	0.206	0.0001	-2.5 to 2.5	Pass
				40	3.91	0.651	0.0004	-2.5 to 2.5	Pass
				50	3.91	-0.169	-0.0001	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.6	2.086	0.0012	-2.5 to 2.5	Pass
					3.91	3.583	0.0020	-2.5 to 2.5	Pass
					4.3	2.789	0.0016	-2.5 to 2.5	Pass
				-30	3.91	2.326	0.0013	-2.5 to 2.5	Pass
				-20	3.91	2.201	0.0012	-2.5 to 2.5	Pass
				-10	3.91	2.345	0.0013	-2.5 to 2.5	Pass
				0	3.91	1.312	0.0007	-2.5 to 2.5	Pass
				10	3.91	0.304	0.0002	-2.5 to 2.5	Pass
				30	3.91	0.617	0.0003	-2.5 to 2.5	Pass
				40	3.91	2.058	0.0012	-2.5 to 2.5	Pass
				50	3.91	2.141	0.0012	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / 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	-0.258	-0.0002	-2.5 to 2.5	Pass
					3.91	0.207	0.0001	-2.5 to 2.5	Pass
					4.3	-0.099	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	0.341	0.0002	-2.5 to 2.5	Pass
				-20	3.91	-0.477	-0.0003	-2.5 to 2.5	Pass
				-10	3.91	1.620	0.0009	-2.5 to 2.5	Pass
				0	3.91	0.156	0.0001	-2.5 to 2.5	Pass
				10	3.91	1.282	0.0007	-2.5 to 2.5	Pass
				30	3.91	-0.507	-0.0003	-2.5 to 2.5	Pass
				40	3.91	1.365	0.0008	-2.5 to 2.5	Pass
				50	3.91	-0.275	-0.0002	-2.5 to 2.5	Pass
	1745	50	0	20	3.6	-0.888	-0.0005	-2.5 to 2.5	Pass
					3.91	0.061	0.0000	-2.5 to 2.5	Pass
					4.3	-1.418	-0.0008	-2.5 to 2.5	Pass
				-30	3.91	-1.294	-0.0007	-2.5 to 2.5	Pass
				-20	3.91	-2.441	-0.0014	-2.5 to 2.5	Pass
				-10	3.91	-0.548	-0.0003	-2.5 to 2.5	Pass
				0	3.91	-1.387	-0.0008	-2.5 to 2.5	Pass
				10	3.91	-1.296	-0.0007	-2.5 to 2.5	Pass
				30	3.91	-1.011	-0.0006	-2.5 to 2.5	Pass
				40	3.91	-0.389	-0.0002	-2.5 to 2.5	Pass
				50	3.91	-2.345	-0.0013	-2.5 to 2.5	Pass
	1775	50	0	20	3.6	-0.771	-0.0004	-2.5 to 2.5	Pass
					3.91	-0.884	-0.0005	-2.5 to 2.5	Pass
					4.3	0.775	0.0004	-2.5 to 2.5	Pass
				-30	3.91	-1.134	-0.0006	-2.5 to 2.5	Pass
				-20	3.91	-1.025	-0.0006	-2.5 to 2.5	Pass
				-10	3.91	-1.004	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-0.117	-0.0001	-2.5 to 2.5	Pass
				10	3.91	0.001	0.0000	-2.5 to 2.5	Pass
				30	3.91	-0.539	-0.0003	-2.5 to 2.5	Pass
				40	3.91	-0.569	-0.0003	-2.5 to 2.5	Pass
				50	3.91	-1.256	-0.0007	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.6	0.407	0.0002	-2.5 to 2.5	Pass
					3.91	0.040	0.0000	-2.5 to 2.5	Pass
					4.3	0.082	0.0000	-2.5 to 2.5	Pass
				-30	3.91	-0.878	-0.0005	-2.5 to 2.5	Pass
				-20	3.91	0.311	0.0002	-2.5 to 2.5	Pass
				-10	3.91	0.463	0.0003	-2.5 to 2.5	Pass
				0	3.91	0.767	0.0004	-2.5 to 2.5	Pass

				10	3.91	-0.762	-0.0004	-2.5 to 2.5	Pass
				30	3.91	0.502	0.0003	-2.5 to 2.5	Pass
				40	3.91	-0.228	-0.0001	-2.5 to 2.5	Pass
				50	3.91	1.057	0.0006	-2.5 to 2.5	Pass
	1745	50	0	20	3.6	-2.153	-0.0012	-2.5 to 2.5	Pass
					3.91	-2.155	-0.0012	-2.5 to 2.5	Pass
					4.3	-1.100	-0.0006	-2.5 to 2.5	Pass
				-30	3.91	-1.986	-0.0011	-2.5 to 2.5	Pass
				-20	3.91	-2.072	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-0.726	-0.0004	-2.5 to 2.5	Pass
				0	3.91	-1.484	-0.0009	-2.5 to 2.5	Pass
				10	3.91	-0.591	-0.0003	-2.5 to 2.5	Pass
				30	3.91	-1.486	-0.0009	-2.5 to 2.5	Pass
				40	3.91	-1.170	-0.0007	-2.5 to 2.5	Pass
				50	3.91	-1.317	-0.0008	-2.5 to 2.5	Pass
	1775	50	0	20	3.6	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.91	-1.022	-0.0006	-2.5 to 2.5	Pass
					4.3	-0.147	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.798	-0.0004	-2.5 to 2.5	Pass
				-20	3.91	-0.611	-0.0003	-2.5 to 2.5	Pass
				-10	3.91	0.054	0.0000	-2.5 to 2.5	Pass
				0	3.91	-0.410	-0.0002	-2.5 to 2.5	Pass
				10	3.91	-1.131	-0.0006	-2.5 to 2.5	Pass
				30	3.91	0.034	0.0000	-2.5 to 2.5	Pass
				40	3.91	0.140	0.0001	-2.5 to 2.5	Pass
				50	3.91	-0.505	-0.0003	-2.5 to 2.5	Pass
64QAM	1715	50	0	20	3.6	0.041	0.0000	-2.5 to 2.5	Pass
					3.91	-0.341	-0.0002	-2.5 to 2.5	Pass
					4.3	0.439	0.0003	-2.5 to 2.5	Pass
				-30	3.91	0.591	0.0003	-2.5 to 2.5	Pass
				-20	3.91	0.285	0.0002	-2.5 to 2.5	Pass
				-10	3.91	0.380	0.0002	-2.5 to 2.5	Pass
				0	3.91	0.695	0.0004	-2.5 to 2.5	Pass
				10	3.91	1.170	0.0007	-2.5 to 2.5	Pass
				30	3.91	0.563	0.0003	-2.5 to 2.5	Pass
				40	3.91	1.558	0.0009	-2.5 to 2.5	Pass
				50	3.91	0.293	0.0002	-2.5 to 2.5	Pass
	1745	50	0	20	3.6	0.282	0.0002	-2.5 to 2.5	Pass
					3.91	-0.718	-0.0004	-2.5 to 2.5	Pass
					4.3	-0.397	-0.0002	-2.5 to 2.5	Pass
				-30	3.91	-0.652	-0.0004	-2.5 to 2.5	Pass
				-20	3.91	-1.389	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	-1.011	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-0.452	-0.0003	-2.5 to 2.5	Pass
				10	3.91	-2.242	-0.0013	-2.5 to 2.5	Pass
				30	3.91	-1.088	-0.0006	-2.5 to 2.5	Pass
				40	3.91	-0.836	-0.0005	-2.5 to 2.5	Pass
				50	3.91	0.749	0.0004	-2.5 to 2.5	Pass
	1775	50	0	20	3.6	-0.692	-0.0004	-2.5 to 2.5	Pass
					3.91	-1.795	-0.0010	-2.5 to 2.5	Pass
					4.3	0.007	0.0000	-2.5 to 2.5	Pass
				-30	3.91	-0.341	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	0.644	0.0004	-2.5 to 2.5	Pass
				-10	3.91	-1.461	-0.0008	-2.5 to 2.5	Pass
				0	3.91	0.018	0.0000	-2.5 to 2.5	Pass
				10	3.91	0.256	0.0001	-2.5 to 2.5	Pass
				30	3.91	0.022	0.0000	-2.5 to 2.5	Pass
				40	3.91	-0.015	0.0000	-2.5 to 2.5	Pass
				50	3.91	-0.545	-0.0003	-2.5 to 2.5	Pass

256QAM	1715	50	0	20	3.6	-0.814	-0.0005	-2.5 to 2.5	Pass
					3.91	-0.440	-0.0003	-2.5 to 2.5	Pass
					4.3	-0.392	-0.0002	-2.5 to 2.5	Pass
				-30	3.91	-1.603	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	-0.528	-0.0003	-2.5 to 2.5	Pass
				-10	3.91	0.464	0.0003	-2.5 to 2.5	Pass
				0	3.91	-0.575	-0.0003	-2.5 to 2.5	Pass
				10	3.91	-0.517	-0.0003	-2.5 to 2.5	Pass
				30	3.91	0.884	0.0005	-2.5 to 2.5	Pass
	1745	50	0	20	3.6	-0.944	-0.0005	-2.5 to 2.5	Pass
					3.91	-3.270	-0.0019	-2.5 to 2.5	Pass
					4.3	-0.916	-0.0005	-2.5 to 2.5	Pass
				-30	3.91	-0.560	-0.0003	-2.5 to 2.5	Pass
				-20	3.91	0.758	0.0004	-2.5 to 2.5	Pass
				-10	3.91	0.272	0.0002	-2.5 to 2.5	Pass
				0	3.91	-0.299	-0.0002	-2.5 to 2.5	Pass
				10	3.91	-0.978	-0.0006	-2.5 to 2.5	Pass
				30	3.91	0.346	0.0002	-2.5 to 2.5	Pass
	1775	50	0	20	3.6	-0.677	-0.0004	-2.5 to 2.5	Pass
					3.91	0.195	0.0001	-2.5 to 2.5	Pass
					4.3	-0.189	-0.0001	-2.5 to 2.5	Pass
				-30	3.91	-0.747	-0.0004	-2.5 to 2.5	Pass
				-20	3.91	0.237	0.0001	-2.5 to 2.5	Pass
				-10	3.91	0.517	0.0003	-2.5 to 2.5	Pass
				0	3.91	-1.248	-0.0007	-2.5 to 2.5	Pass
				10	3.91	-1.219	-0.0007	-2.5 to 2.5	Pass
				30	3.91	0.560	0.0003	-2.5 to 2.5	Pass
				40	3.91	0.442	0.0002	-2.5 to 2.5	Pass
				50	3.91	0.711	0.0004	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / 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	0.063	0.0000	-2.5 to 2.5	Pass
					3.91	0.676	0.0004	-2.5 to 2.5	Pass
					4.3	0.752	0.0004	-2.5 to 2.5	Pass
				-30	3.91	1.246	0.0007	-2.5 to 2.5	Pass
				-20	3.91	0.108	0.0001	-2.5 to 2.5	Pass
				-10	3.91	-0.102	-0.0001	-2.5 to 2.5	Pass
				0	3.91	0.375	0.0002	-2.5 to 2.5	Pass
				10	3.91	-0.214	-0.0001	-2.5 to 2.5	Pass
				30	3.91	0.543	0.0003	-2.5 to 2.5	Pass
	1745	75	0	20	3.6	-0.489	-0.0003	-2.5 to 2.5	Pass
					3.91	-0.772	-0.0004	-2.5 to 2.5	Pass
					4.3	0.861	0.0005	-2.5 to 2.5	Pass
				-30	3.91	-1.587	-0.0009	-2.5 to 2.5	Pass
				-20	3.91	0.105	0.0001	-2.5 to 2.5	Pass
				-10	3.91	-1.534	-0.0009	-2.5 to 2.5	Pass
				0	3.91	-0.533	-0.0003	-2.5 to 2.5	Pass

				10	3.91	-0.742	-0.0004	-2.5 to 2.5	Pass
				30	3.91	-0.537	-0.0003	-2.5 to 2.5	Pass
				40	3.91	-0.046	0.0000	-2.5 to 2.5	Pass
				50	3.91	-0.259	-0.0001	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.6	-2.836	-0.0016	-2.5 to 2.5	Pass
					3.91	-1.464	-0.0008	-2.5 to 2.5	Pass
					4.3	-2.904	-0.0016	-2.5 to 2.5	Pass
				-30	3.91	-1.487	-0.0008	-2.5 to 2.5	Pass
				-20	3.91	-2.881	-0.0016	-2.5 to 2.5	Pass
				-10	3.91	-1.767	-0.0010	-2.5 to 2.5	Pass
				0	3.91	-1.661	-0.0009	-2.5 to 2.5	Pass
				10	3.91	-1.709	-0.0010	-2.5 to 2.5	Pass
				30	3.91	-2.888	-0.0016	-2.5 to 2.5	Pass
				40	3.91	-2.181	-0.0012	-2.5 to 2.5	Pass
				50	3.91	-2.377	-0.0013	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.6	0.552	0.0003	-2.5 to 2.5	Pass
					3.91	-0.212	-0.0001	-2.5 to 2.5	Pass
					4.3	0.288	0.0002	-2.5 to 2.5	Pass
				-30	3.91	1.594	0.0009	-2.5 to 2.5	Pass
				-20	3.91	0.754	0.0004	-2.5 to 2.5	Pass
				-10	3.91	1.781	0.0010	-2.5 to 2.5	Pass
				0	3.91	-0.928	-0.0005	-2.5 to 2.5	Pass
				10	3.91	1.340	0.0008	-2.5 to 2.5	Pass
				30	3.91	0.117	0.0001	-2.5 to 2.5	Pass
				40	3.91	1.475	0.0009	-2.5 to 2.5	Pass
				50	3.91	0.311	0.0002	-2.5 to 2.5	Pass
	1745	75	0	20	3.6	-0.058	0.0000	-2.5 to 2.5	Pass
					3.91	-1.485	-0.0009	-2.5 to 2.5	Pass
					4.3	1.049	0.0006	-2.5 to 2.5	Pass
				-30	3.91	-0.120	-0.0001	-2.5 to 2.5	Pass
				-20	3.91	1.026	0.0006	-2.5 to 2.5	Pass
				-10	3.91	-0.772	-0.0004	-2.5 to 2.5	Pass
				0	3.91	-0.174	-0.0001	-2.5 to 2.5	Pass
				10	3.91	-0.476	-0.0003	-2.5 to 2.5	Pass
				30	3.91	-1.345	-0.0008	-2.5 to 2.5	Pass
				40	3.91	-0.866	-0.0005	-2.5 to 2.5	Pass
				50	3.91	0.070	0.0000	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.6	-2.654	-0.0015	-2.5 to 2.5	Pass
					3.91	-1.283	-0.0007	-2.5 to 2.5	Pass
					4.3	-3.243	-0.0018	-2.5 to 2.5	Pass
				-30	3.91	-1.923	-0.0011	-2.5 to 2.5	Pass
				-20	3.91	-2.095	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-2.358	-0.0013	-2.5 to 2.5	Pass
				0	3.91	-3.654	-0.0021	-2.5 to 2.5	Pass
				10	3.91	-1.311	-0.0007	-2.5 to 2.5	Pass
				30	3.91	-2.174	-0.0012	-2.5 to 2.5	Pass
				40	3.91	-1.932	-0.0011	-2.5 to 2.5	Pass
				50	3.91	-2.243	-0.0013	-2.5 to 2.5	Pass
64QAM	1717.5	75	0	20	3.6	0.758	0.0004	-2.5 to 2.5	Pass
					3.91	0.667	0.0004	-2.5 to 2.5	Pass
					4.3	0.364	0.0002	-2.5 to 2.5	Pass
				-30	3.91	0.567	0.0003	-2.5 to 2.5	Pass
				-20	3.91	0.797	0.0005	-2.5 to 2.5	Pass
				-10	3.91	-0.380	-0.0002	-2.5 to 2.5	Pass
				0	3.91	0.942	0.0005	-2.5 to 2.5	Pass
				10	3.91	-0.223	-0.0001	-2.5 to 2.5	Pass
				30	3.91	0.390	0.0002	-2.5 to 2.5	Pass
				40	3.91	0.916	0.0005	-2.5 to 2.5	Pass
				50	3.91	1.135	0.0007	-2.5 to 2.5	Pass

	1745	75	0	20	3.6	-0.444	-0.0003	-2.5 to 2.5	Pass
					3.91	-1.423	-0.0008	-2.5 to 2.5	Pass
					4.3	-0.463	-0.0003	-2.5 to 2.5	Pass
				-30	3.91	-0.552	-0.0003	-2.5 to 2.5	Pass
				-20	3.91	-1.424	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	-0.364	-0.0002	-2.5 to 2.5	Pass
				0	3.91	0.530	0.0003	-2.5 to 2.5	Pass
				10	3.91	-0.583	-0.0003	-2.5 to 2.5	Pass
				30	3.91	-1.552	-0.0009	-2.5 to 2.5	Pass
				40	3.91	-1.015	-0.0006	-2.5 to 2.5	Pass
				50	3.91	-1.906	-0.0011	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.6	-2.175	-0.0012	-2.5 to 2.5	Pass
					3.91	-2.789	-0.0016	-2.5 to 2.5	Pass
					4.3	-1.030	-0.0006	-2.5 to 2.5	Pass
				-30	3.91	-1.981	-0.0011	-2.5 to 2.5	Pass
				-20	3.91	-1.499	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	-2.651	-0.0015	-2.5 to 2.5	Pass
				0	3.91	-2.185	-0.0012	-2.5 to 2.5	Pass
				10	3.91	-1.310	-0.0007	-2.5 to 2.5	Pass
				30	3.91	-2.474	-0.0014	-2.5 to 2.5	Pass
				40	3.91	-2.311	-0.0013	-2.5 to 2.5	Pass
				50	3.91	-1.019	-0.0006	-2.5 to 2.5	Pass
256QAM	1717.5	75	0	20	3.6	1.249	0.0007	-2.5 to 2.5	Pass
					3.91	-0.460	-0.0003	-2.5 to 2.5	Pass
					4.3	-0.660	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	-0.599	-0.0003	-2.5 to 2.5	Pass
				-20	3.91	1.607	0.0009	-2.5 to 2.5	Pass
				-10	3.91	1.155	0.0007	-2.5 to 2.5	Pass
				0	3.91	0.722	0.0004	-2.5 to 2.5	Pass
				10	3.91	0.546	0.0003	-2.5 to 2.5	Pass
				30	3.91	0.721	0.0004	-2.5 to 2.5	Pass
				40	3.91	1.606	0.0009	-2.5 to 2.5	Pass
				50	3.91	1.591	0.0009	-2.5 to 2.5	Pass
	1745	75	0	20	3.6	-0.647	-0.0004	-2.5 to 2.5	Pass
					3.91	-1.511	-0.0009	-2.5 to 2.5	Pass
					4.3	-1.074	-0.0006	-2.5 to 2.5	Pass
				-30	3.91	-1.263	-0.0007	-2.5 to 2.5	Pass
				-20	3.91	-2.228	-0.0013	-2.5 to 2.5	Pass
				-10	3.91	-1.085	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-0.592	-0.0003	-2.5 to 2.5	Pass
				10	3.91	-1.639	-0.0009	-2.5 to 2.5	Pass
				30	3.91	-2.121	-0.0012	-2.5 to 2.5	Pass
				40	3.91	-1.852	-0.0011	-2.5 to 2.5	Pass
				50	3.91	-2.285	-0.0013	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.6	-1.933	-0.0011	-2.5 to 2.5	Pass
					3.91	-1.464	-0.0008	-2.5 to 2.5	Pass
					4.3	-1.855	-0.0010	-2.5 to 2.5	Pass
				-30	3.91	-2.998	-0.0017	-2.5 to 2.5	Pass
				-20	3.91	-2.036	-0.0011	-2.5 to 2.5	Pass
				-10	3.91	-2.328	-0.0013	-2.5 to 2.5	Pass
				0	3.91	-1.916	-0.0011	-2.5 to 2.5	Pass
				10	3.91	-0.834	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-0.801	-0.0005	-2.5 to 2.5	Pass
				40	3.91	-1.005	-0.0006	-2.5 to 2.5	Pass
				50	3.91	-1.663	-0.0009	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / 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	-2.169	-0.0013	-2.5 to 2.5	Pass
					3.91	-2.179	-0.0013	-2.5 to 2.5	Pass
					4.3	-2.601	-0.0015	-2.5 to 2.5	Pass
				-30	3.91	-1.795	-0.0010	-2.5 to 2.5	Pass
				-20	3.91	-1.995	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-0.668	-0.0004	-2.5 to 2.5	Pass
				0	3.91	-1.213	-0.0007	-2.5 to 2.5	Pass
				10	3.91	-1.771	-0.0010	-2.5 to 2.5	Pass
				30	3.91	-2.522	-0.0015	-2.5 to 2.5	Pass
				40	3.91	-2.204	-0.0013	-2.5 to 2.5	Pass
				50	3.91	-1.464	-0.0009	-2.5 to 2.5	Pass
	1745	100	0	20	3.6	-0.331	-0.0002	-2.5 to 2.5	Pass
					3.91	-0.611	-0.0004	-2.5 to 2.5	Pass
					4.3	-0.699	-0.0004	-2.5 to 2.5	Pass
				-30	3.91	-0.983	-0.0006	-2.5 to 2.5	Pass
				-20	3.91	-2.059	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-1.004	-0.0006	-2.5 to 2.5	Pass
				0	3.91	-1.665	-0.0010	-2.5 to 2.5	Pass
				10	3.91	-1.020	-0.0006	-2.5 to 2.5	Pass
				30	3.91	-0.228	-0.0001	-2.5 to 2.5	Pass
				40	3.91	-0.103	-0.0001	-2.5 to 2.5	Pass
				50	3.91	-1.238	-0.0007	-2.5 to 2.5	Pass
	1770	100	0	20	3.6	1.552	0.0009	-2.5 to 2.5	Pass
					3.91	-0.748	-0.0004	-2.5 to 2.5	Pass
					4.3	0.713	0.0004	-2.5 to 2.5	Pass
				-30	3.91	-0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.91	-0.178	-0.0001	-2.5 to 2.5	Pass
				-10	3.91	0.657	0.0004	-2.5 to 2.5	Pass
				0	3.91	-0.192	-0.0001	-2.5 to 2.5	Pass
				10	3.91	0.325	0.0002	-2.5 to 2.5	Pass
				30	3.91	0.031	0.0000	-2.5 to 2.5	Pass
				40	3.91	0.483	0.0003	-2.5 to 2.5	Pass
				50	3.91	-0.069	0.0000	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.6	-0.626	-0.0004	-2.5 to 2.5	Pass
					3.91	-3.020	-0.0018	-2.5 to 2.5	Pass
					4.3	-2.328	-0.0014	-2.5 to 2.5	Pass
				-30	3.91	-1.420	-0.0008	-2.5 to 2.5	Pass
				-20	3.91	-1.355	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	-2.025	-0.0012	-2.5 to 2.5	Pass
				0	3.91	-1.652	-0.0010	-2.5 to 2.5	Pass
				10	3.91	-3.009	-0.0017	-2.5 to 2.5	Pass
				30	3.91	-2.092	-0.0012	-2.5 to 2.5	Pass
				40	3.91	-1.205	-0.0007	-2.5 to 2.5	Pass
				50	3.91	-2.075	-0.0012	-2.5 to 2.5	Pass
	1745	100	0	20	3.6	-1.214	-0.0007	-2.5 to 2.5	Pass
					3.91	-0.206	-0.0001	-2.5 to 2.5	Pass
					4.3	-0.898	-0.0005	-2.5 to 2.5	Pass
				-30	3.91	-0.338	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	0.085	0.0000	-2.5 to 2.5	Pass
				-10	3.91	-0.936	-0.0005	-2.5 to 2.5	Pass
				0	3.91	0.250	0.0001	-2.5 to 2.5	Pass
				10	3.91	-0.564	-0.0003	-2.5 to 2.5	Pass

				30	3.91	-0.303	-0.0002	-2.5 to 2.5	Pass
				40	3.91	-0.897	-0.0005	-2.5 to 2.5	Pass
				50	3.91	-1.114	-0.0006	-2.5 to 2.5	Pass
	1770	100	0	20	3.6	0.442	0.0002	-2.5 to 2.5	Pass
					3.91	0.259	0.0001	-2.5 to 2.5	Pass
					4.3	0.343	0.0002	-2.5 to 2.5	Pass
				-30	3.91	-0.348	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	0.080	0.0000	-2.5 to 2.5	Pass
				-10	3.91	-0.538	-0.0003	-2.5 to 2.5	Pass
				0	3.91	0.548	0.0003	-2.5 to 2.5	Pass
				10	3.91	-0.242	-0.0001	-2.5 to 2.5	Pass
				30	3.91	0.263	0.0001	-2.5 to 2.5	Pass
				40	3.91	-1.398	-0.0008	-2.5 to 2.5	Pass
				50	3.91	0.607	0.0003	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.6	-2.081	-0.0012	-2.5 to 2.5	Pass
					3.91	-1.316	-0.0008	-2.5 to 2.5	Pass
					4.3	-2.096	-0.0012	-2.5 to 2.5	Pass
				-30	3.91	-1.322	-0.0008	-2.5 to 2.5	Pass
				-20	3.91	-0.946	-0.0005	-2.5 to 2.5	Pass
				-10	3.91	-3.550	-0.0021	-2.5 to 2.5	Pass
				0	3.91	-0.911	-0.0005	-2.5 to 2.5	Pass
				10	3.91	-1.195	-0.0007	-2.5 to 2.5	Pass
				30	3.91	-2.095	-0.0012	-2.5 to 2.5	Pass
				40	3.91	-2.857	-0.0017	-2.5 to 2.5	Pass
				50	3.91	-2.087	-0.0012	-2.5 to 2.5	Pass
	1745	100	0	20	3.6	0.022	0.0000	-2.5 to 2.5	Pass
					3.91	-1.242	-0.0007	-2.5 to 2.5	Pass
					4.3	-0.950	-0.0005	-2.5 to 2.5	Pass
				-30	3.91	-1.065	-0.0006	-2.5 to 2.5	Pass
				-20	3.91	-0.835	-0.0005	-2.5 to 2.5	Pass
				-10	3.91	-2.211	-0.0013	-2.5 to 2.5	Pass
				0	3.91	-2.023	-0.0012	-2.5 to 2.5	Pass
				10	3.91	-0.884	-0.0005	-2.5 to 2.5	Pass
				30	3.91	0.231	0.0001	-2.5 to 2.5	Pass
				40	3.91	-1.369	-0.0008	-2.5 to 2.5	Pass
				50	3.91	-2.545	-0.0015	-2.5 to 2.5	Pass
	1770	100	0	20	3.6	1.092	0.0006	-2.5 to 2.5	Pass
					3.91	0.016	0.0000	-2.5 to 2.5	Pass
					4.3	1.137	0.0006	-2.5 to 2.5	Pass
				-30	3.91	0.537	0.0003	-2.5 to 2.5	Pass
				-20	3.91	-1.051	-0.0006	-2.5 to 2.5	Pass
				-10	3.91	-0.617	-0.0003	-2.5 to 2.5	Pass
				0	3.91	0.035	0.0000	-2.5 to 2.5	Pass
				10	3.91	-0.487	-0.0003	-2.5 to 2.5	Pass
				30	3.91	-0.782	-0.0004	-2.5 to 2.5	Pass
				40	3.91	0.397	0.0002	-2.5 to 2.5	Pass
				50	3.91	0.460	0.0003	-2.5 to 2.5	Pass
256QAM	1720	100	0	20	3.6	-1.682	-0.0010	-2.5 to 2.5	Pass
					3.91	-3.821	-0.0022	-2.5 to 2.5	Pass
					4.3	-1.981	-0.0012	-2.5 to 2.5	Pass
				-30	3.91	-1.439	-0.0008	-2.5 to 2.5	Pass
				-20	3.91	-2.076	-0.0012	-2.5 to 2.5	Pass
				-10	3.91	-1.987	-0.0012	-2.5 to 2.5	Pass
				0	3.91	-1.642	-0.0010	-2.5 to 2.5	Pass
				10	3.91	-1.130	-0.0007	-2.5 to 2.5	Pass
				30	3.91	-0.254	-0.0001	-2.5 to 2.5	Pass
				40	3.91	-2.473	-0.0014	-2.5 to 2.5	Pass
				50	3.91	-2.134	-0.0012	-2.5 to 2.5	Pass
	1745	100	0	20	3.6	-2.943	-0.0017	-2.5 to 2.5	Pass

					3.91	-0.273	-0.0002	-2.5 to 2.5	Pass
					4.3	-1.226	-0.0007	-2.5 to 2.5	Pass
				-30	3.91	-1.911	-0.0011	-2.5 to 2.5	Pass
				-20	3.91	-1.385	-0.0008	-2.5 to 2.5	Pass
				-10	3.91	-1.865	-0.0011	-2.5 to 2.5	Pass
				0	3.91	-0.616	-0.0004	-2.5 to 2.5	Pass
				10	3.91	-0.835	-0.0005	-2.5 to 2.5	Pass
				30	3.91	-0.629	-0.0004	-2.5 to 2.5	Pass
				40	3.91	0.406	0.0002	-2.5 to 2.5	Pass
				50	3.91	-0.549	-0.0003	-2.5 to 2.5	Pass
	1770	100	0	20	3.6	1.246	0.0007	-2.5 to 2.5	Pass
					3.91	0.227	0.0001	-2.5 to 2.5	Pass
					4.3	-0.920	-0.0005	-2.5 to 2.5	Pass
				-30	3.91	-0.343	-0.0002	-2.5 to 2.5	Pass
				-20	3.91	-0.781	-0.0004	-2.5 to 2.5	Pass
				-10	3.91	1.175	0.0007	-2.5 to 2.5	Pass
				0	3.91	0.116	0.0001	-2.5 to 2.5	Pass
				10	3.91	0.115	0.0001	-2.5 to 2.5	Pass
				30	3.91	1.081	0.0006	-2.5 to 2.5	Pass
				40	3.91	0.768	0.0004	-2.5 to 2.5	Pass
				50	3.91	0.558	0.0003	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.119	/	Pass
		1745	6	0	1.123	/	Pass
		1779.3	6	0	1.128	/	Pass
	16QAM	1710.7	6	0	1.126	/	Pass
		1745	6	0	1.139	/	Pass
		1779.3	6	0	1.122	/	Pass
	64QAM	1710.7	6	0	1.125	/	Pass
		1745	6	0	1.118	/	Pass
		1779.3	6	0	1.130	/	Pass
	256QAM	1710.7	6	0	1.121	/	Pass
		1745	6	0	1.127	/	Pass
		1779.3	6	0	1.122	/	Pass
3	QPSK	1711.5	15	0	2.746	/	Pass
		1745	15	0	2.747	/	Pass
		1778.5	15	0	2.750	/	Pass
	16QAM	1711.5	15	0	2.749	/	Pass
		1745	15	0	2.737	/	Pass
		1778.5	15	0	2.752	/	Pass
	64QAM	1711.5	15	0	2.740	/	Pass
		1745	15	0	2.743	/	Pass
		1778.5	15	0	2.734	/	Pass
	256QAM	1711.5	15	0	2.741	/	Pass
		1745	15	0	2.772	/	Pass
		1778.5	15	0	2.737	/	Pass
5	QPSK	1712.5	25	0	4.552	/	Pass
		1745	25	0	4.564	/	Pass
		1777.5	25	0	4.558	/	Pass
	16QAM	1712.5	25	0	4.564	/	Pass
		1745	25	0	4.580	/	Pass
		1777.5	25	0	4.562	/	Pass
	64QAM	1712.5	25	0	4.558	/	Pass
		1745	25	0	4.573	/	Pass
		1777.5	25	0	4.563	/	Pass
	256QAM	1712.5	25	0	4.544	/	Pass
		1745	25	0	4.562	/	Pass
		1777.5	25	0	4.589	/	Pass
10	QPSK	1715	50	0	9.074	/	Pass
		1745	50	0	9.072	/	Pass
		1775	50	0	9.072	/	Pass
	16QAM	1715	50	0	9.114	/	Pass
		1745	50	0	9.104	/	Pass
		1775	50	0	9.094	/	Pass
	64QAM	1715	50	0	9.046	/	Pass
		1745	50	0	9.067	/	Pass
		1775	50	0	9.086	/	Pass
	256QAM	1715	50	0	9.080	/	Pass
		1745	50	0	9.063	/	Pass

		1775	50	0	9.061	/	Pass
15	QPSK	1717.5	75	0	13.616	/	Pass
		1745	75	0	13.583	/	Pass
		1772.5	75	0	13.569	/	Pass
		1717.5	75	0	13.620	/	Pass
	16QAM	1745	75	0	13.655	/	Pass
		1772.5	75	0	13.554	/	Pass
		1717.5	75	0	13.611	/	Pass
	64QAM	1745	75	0	13.623	/	Pass
		1772.5	75	0	13.619	/	Pass
		1717.5	75	0	13.546	/	Pass
	256QAM	1745	75	0	13.588	/	Pass
		1772.5	75	0	13.547	/	Pass
20	QPSK	1720	100	0	18.076	/	Pass
		1745	100	0	18.068	/	Pass
		1770	100	0	18.102	/	Pass
	16QAM	1720	100	0	18.085	/	Pass
		1745	100	0	18.080	/	Pass
		1770	100	0	18.140	/	Pass
	64QAM	1720	100	0	18.103	/	Pass
		1745	100	0	18.105	/	Pass
		1770	100	0	18.091	/	Pass
	256QAM	1720	100	0	18.125	/	Pass
		1745	100	0	18.074	/	Pass
		1770	100	0	18.140	/	Pass

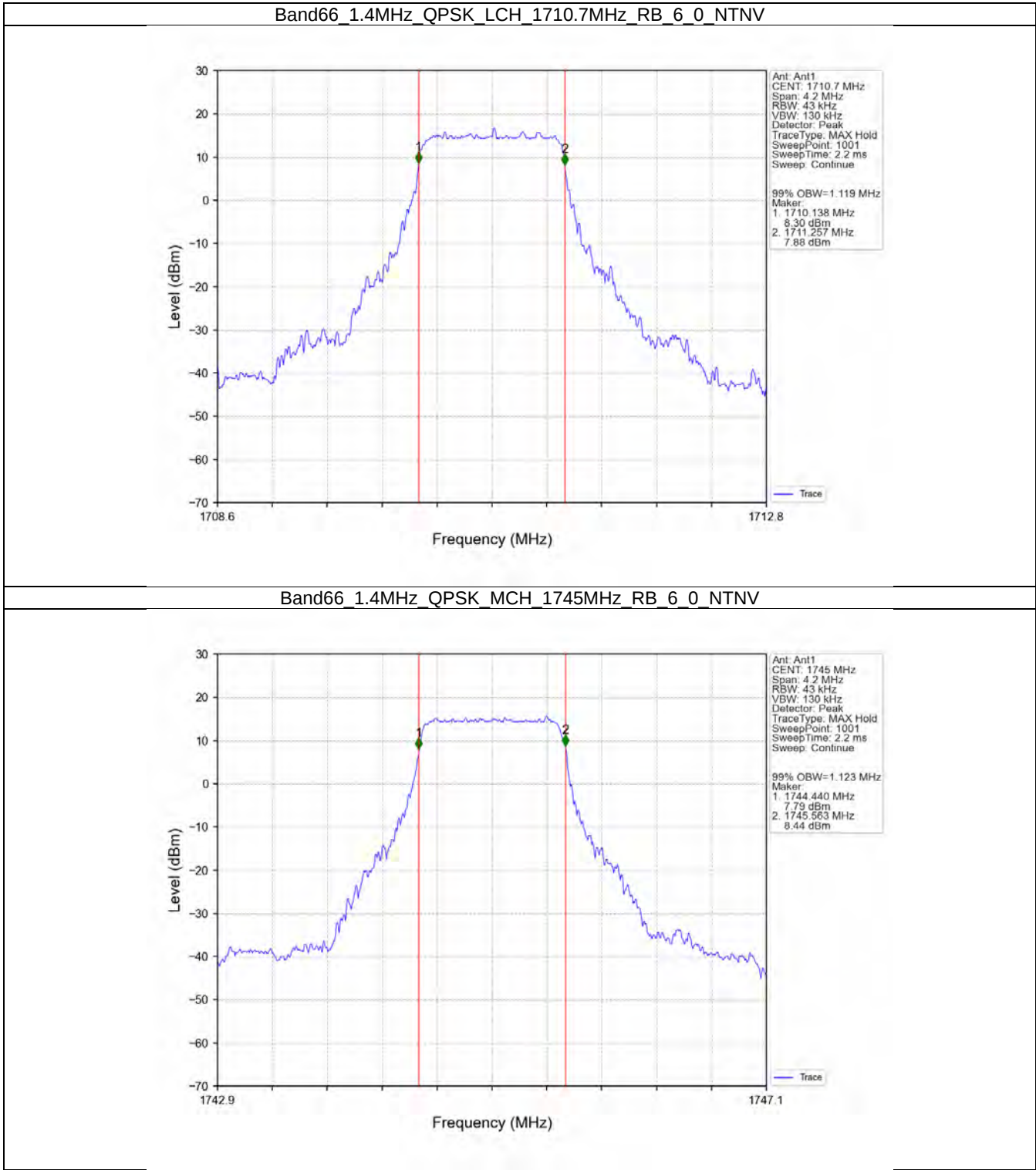
3.1.2 Band66_XDB

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.386	/	Pass
		1745	6	0	1.438	/	Pass
		1779.3	6	0	1.488	/	Pass
	16QAM	1710.7	6	0	1.439	/	Pass
		1745	6	0	1.604	/	Pass
		1779.3	6	0	1.412	/	Pass
	64QAM	1710.7	6	0	1.398	/	Pass
		1745	6	0	1.421	/	Pass
		1779.3	6	0	1.443	/	Pass
	256QAM	1710.7	6	0	1.385	/	Pass
		1745	6	0	1.391	/	Pass
		1779.3	6	0	1.386	/	Pass
3	QPSK	1711.5	15	0	3.166	/	Pass
		1745	15	0	3.114	/	Pass
		1778.5	15	0	3.105	/	Pass
	16QAM	1711.5	15	0	3.124	/	Pass
		1745	15	0	3.147	/	Pass
		1778.5	15	0	3.156	/	Pass
	64QAM	1711.5	15	0	3.121	/	Pass
		1745	15	0	3.143	/	Pass
		1778.5	15	0	3.100	/	Pass
	256QAM	1711.5	15	0	3.113	/	Pass
		1745	15	0	3.109	/	Pass
		1778.5	15	0	3.125	/	Pass
5	QPSK	1712.5	25	0	5.184	/	Pass
		1745	25	0	5.299	/	Pass

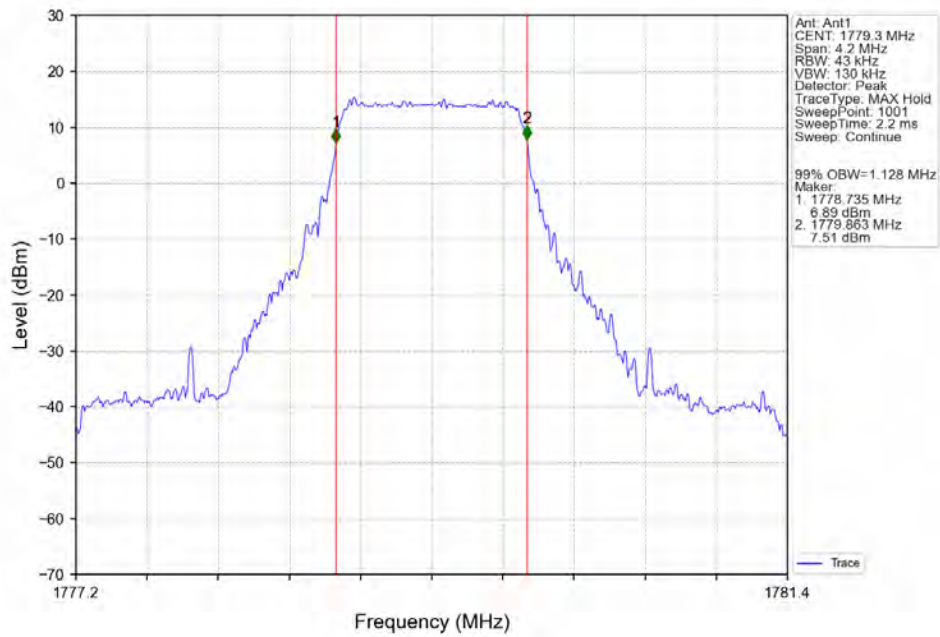
	16QAM	1777.5	25	0	5.233	/	Pass
		1712.5	25	0	5.221	/	Pass
		1745	25	0	5.202	/	Pass
		1777.5	25	0	5.235	/	Pass
	64QAM	1712.5	25	0	5.210	/	Pass
		1745	25	0	5.183	/	Pass
		1777.5	25	0	5.194	/	Pass
	256QAM	1712.5	25	0	5.277	/	Pass
		1745	25	0	5.253	/	Pass
		1777.5	25	0	5.226	/	Pass
10	QPSK	1715	50	0	10.304	/	Pass
		1745	50	0	10.121	/	Pass
		1775	50	0	10.136	/	Pass
	16QAM	1715	50	0	10.221	/	Pass
		1745	50	0	10.201	/	Pass
		1775	50	0	10.225	/	Pass
	64QAM	1715	50	0	10.260	/	Pass
		1745	50	0	10.189	/	Pass
		1775	50	0	10.103	/	Pass
	256QAM	1715	50	0	10.279	/	Pass
		1745	50	0	10.149	/	Pass
		1775	50	0	10.040	/	Pass
15	QPSK	1717.5	75	0	15.263	/	Pass
		1745	75	0	15.198	/	Pass
		1772.5	75	0	15.057	/	Pass
	16QAM	1717.5	75	0	15.037	/	Pass
		1745	75	0	15.286	/	Pass
		1772.5	75	0	15.157	/	Pass
	64QAM	1717.5	75	0	15.223	/	Pass
		1745	75	0	15.336	/	Pass
		1772.5	75	0	15.250	/	Pass
	256QAM	1717.5	75	0	15.141	/	Pass
		1745	75	0	15.040	/	Pass
		1772.5	75	0	15.120	/	Pass
20	QPSK	1720	100	0	20.058	/	Pass
		1745	100	0	19.196	/	Pass
		1770	100	0	20.124	/	Pass
	16QAM	1720	100	0	19.907	/	Pass
		1745	100	0	19.993	/	Pass
		1770	100	0	20.119	/	Pass
	64QAM	1720	100	0	20.013	/	Pass
		1745	100	0	20.062	/	Pass
		1770	100	0	20.107	/	Pass
	256QAM	1720	100	0	20.104	/	Pass
		1745	100	0	20.128	/	Pass
		1770	100	0	20.112	/	Pass

3.2 Test Graph

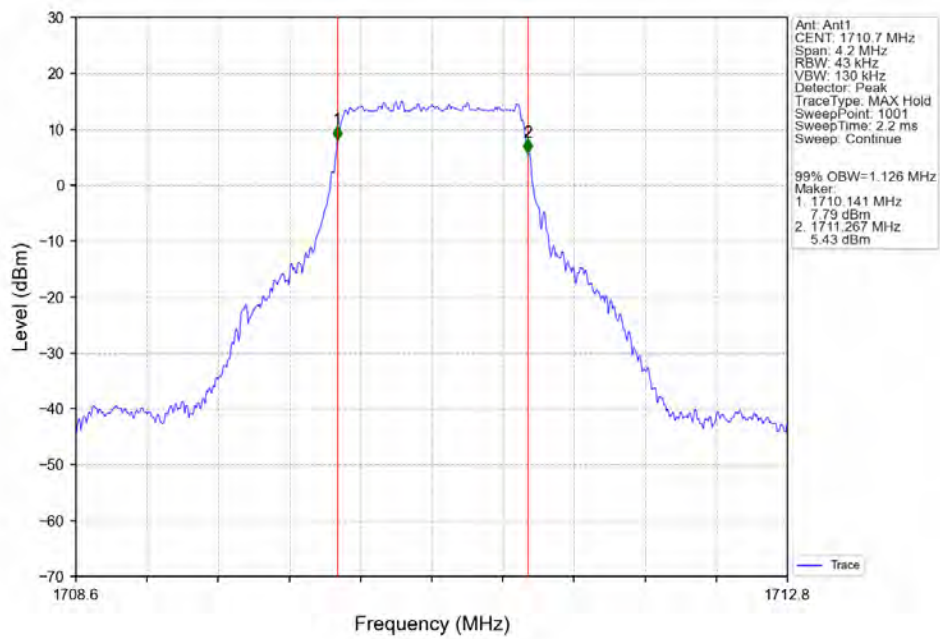
3.2.1 Band66_OBW



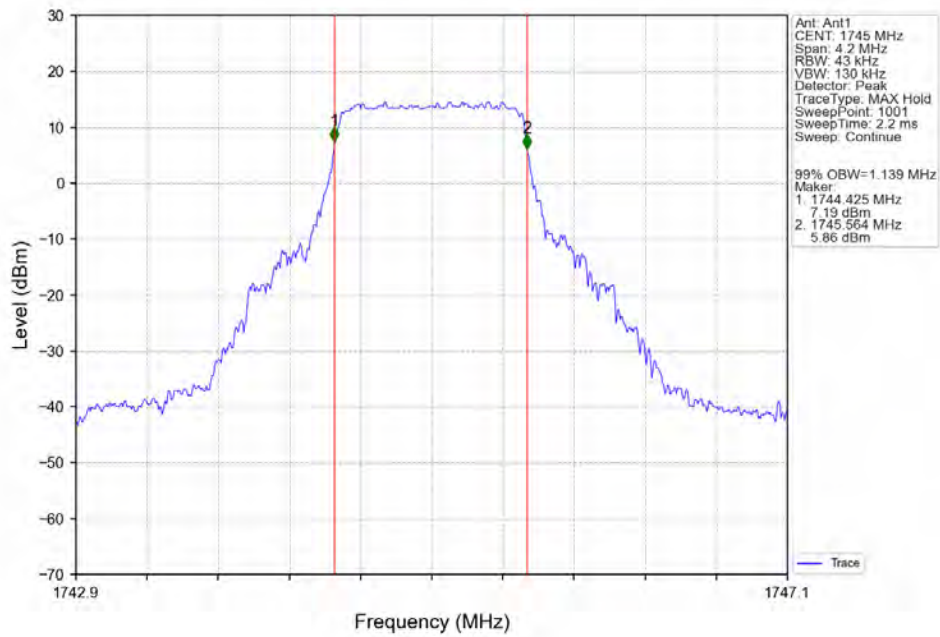
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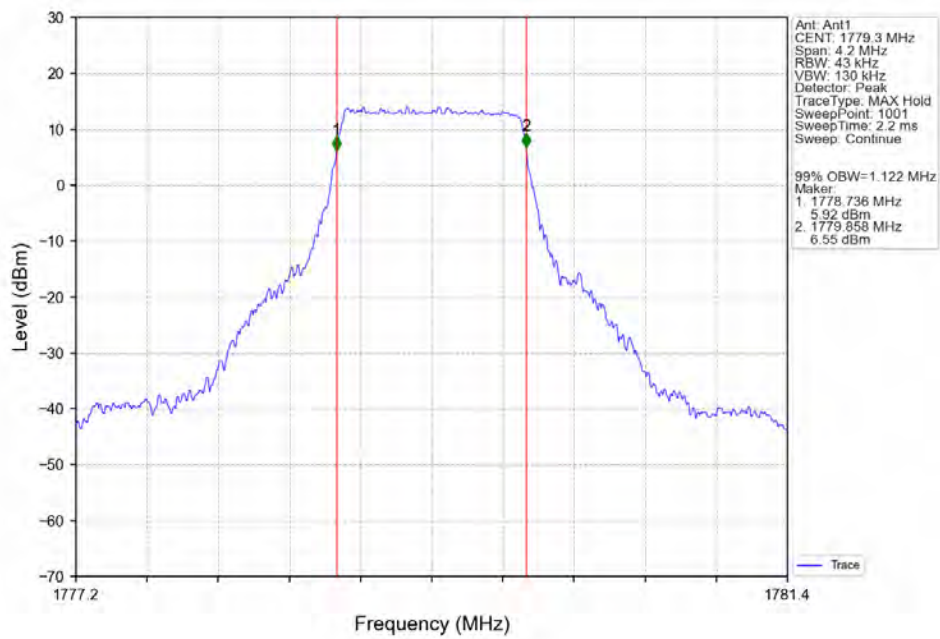
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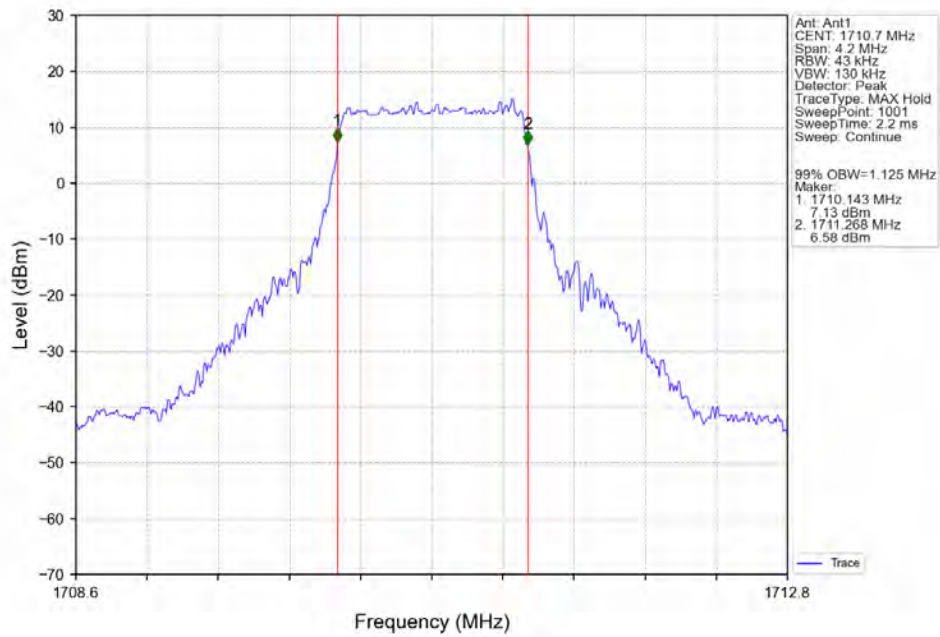
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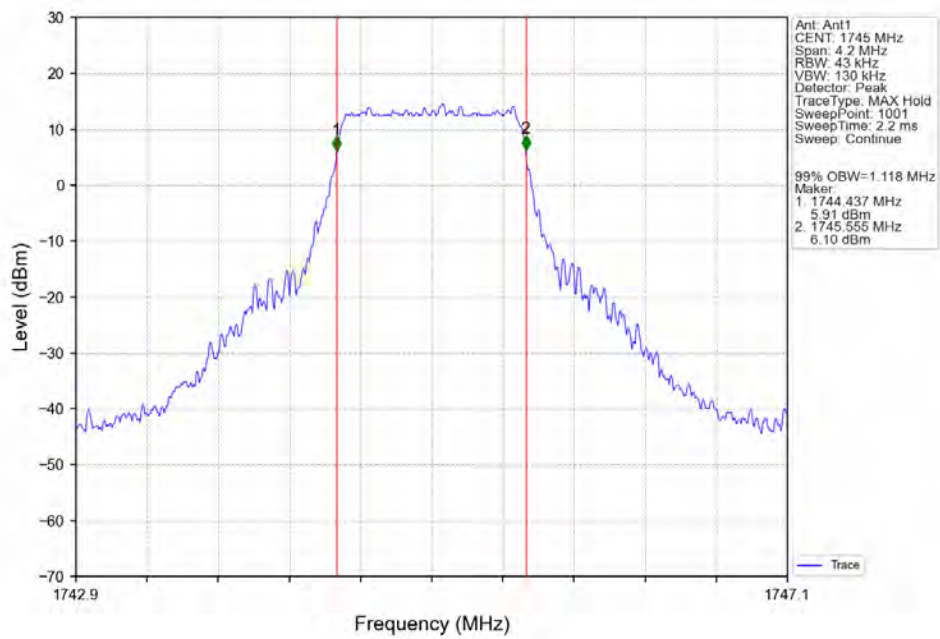
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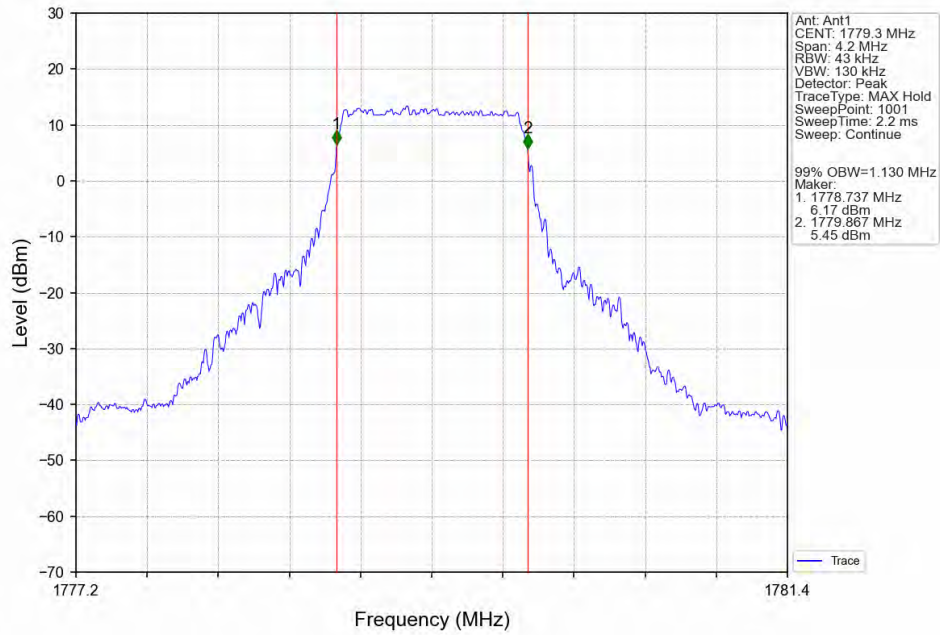
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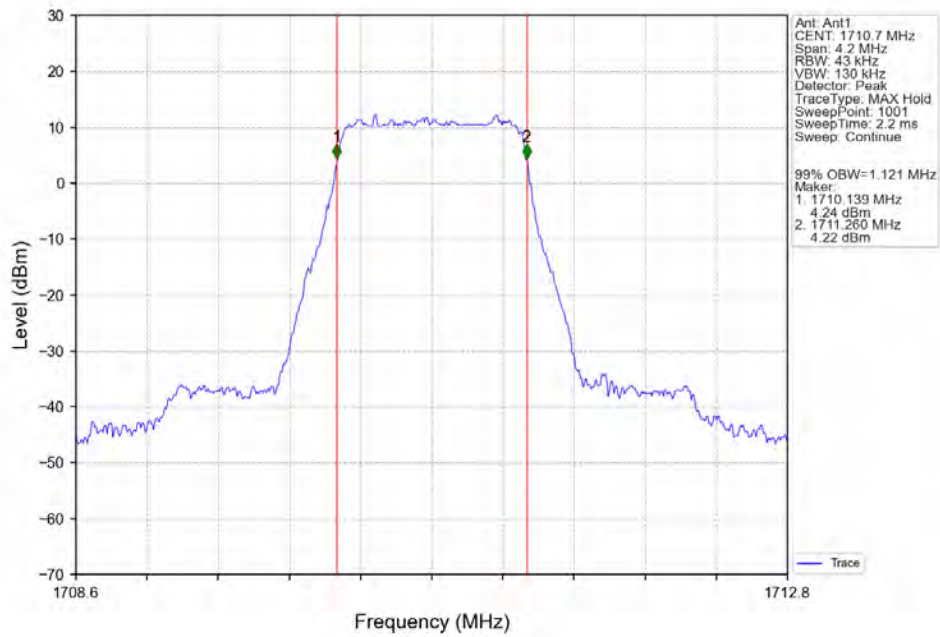
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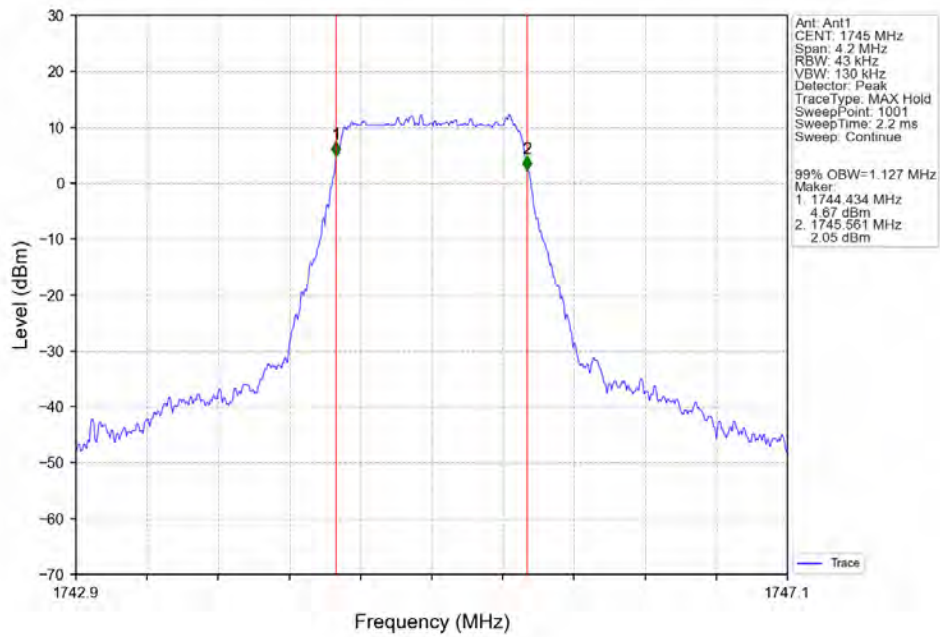
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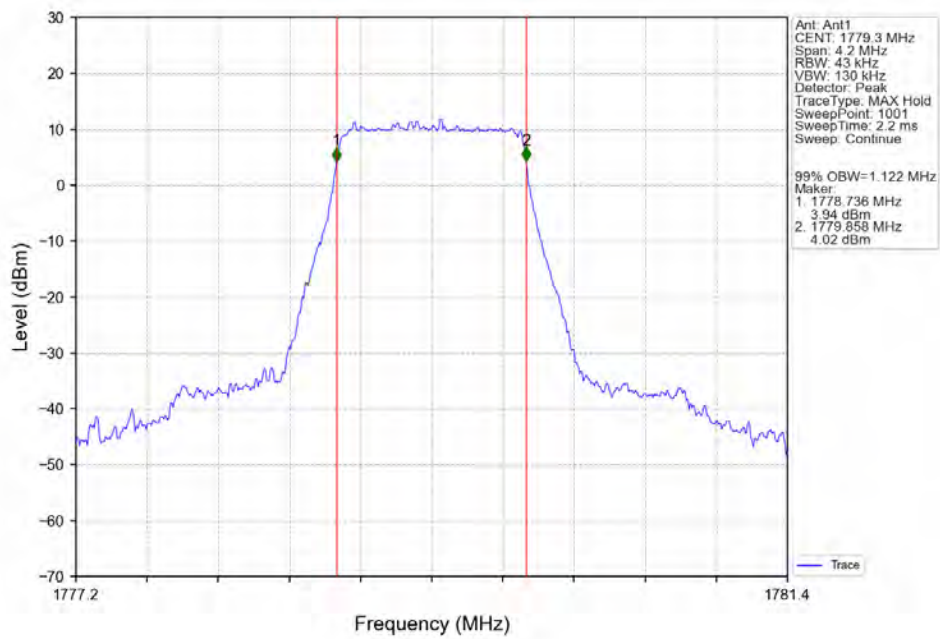
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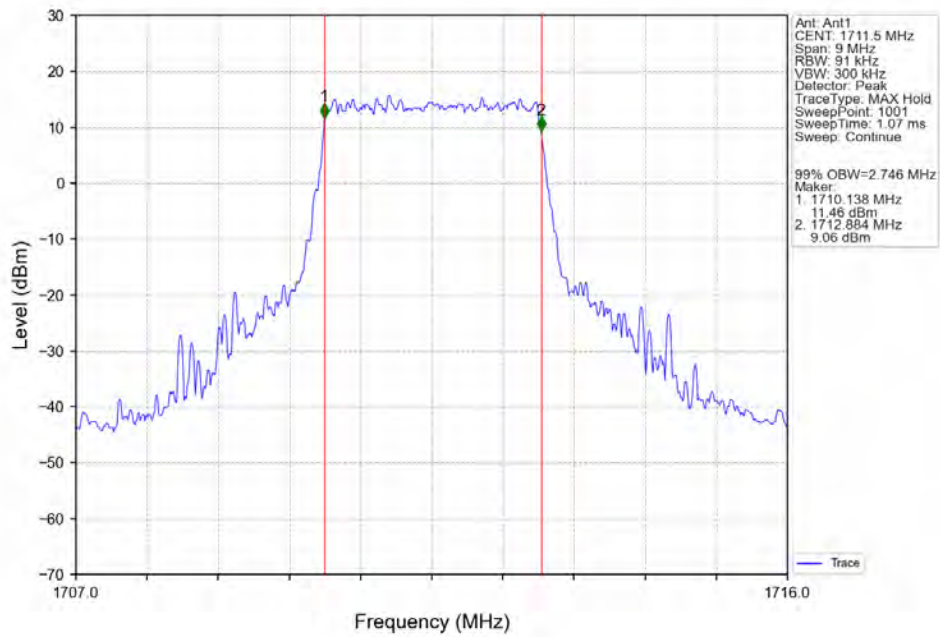
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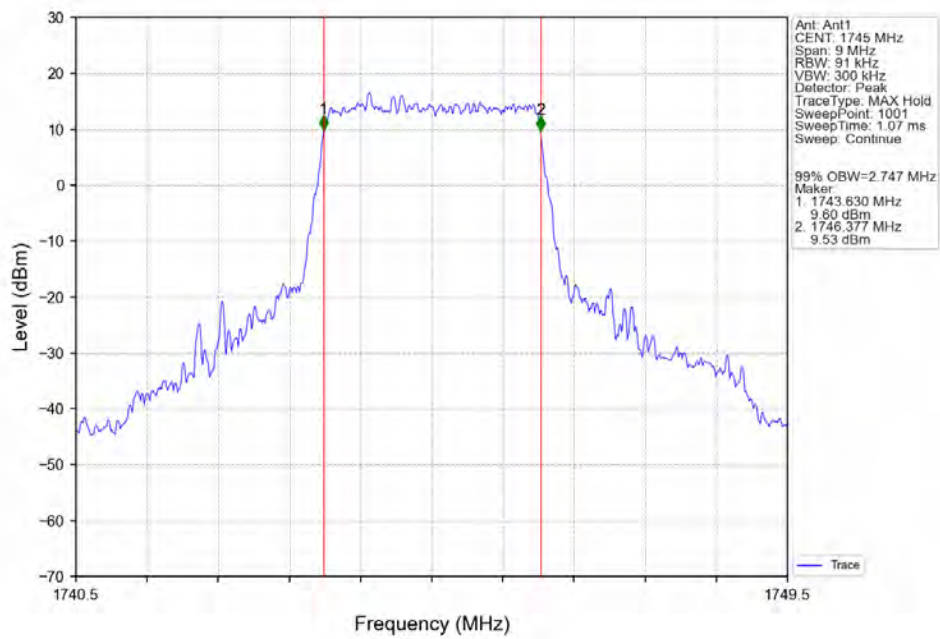
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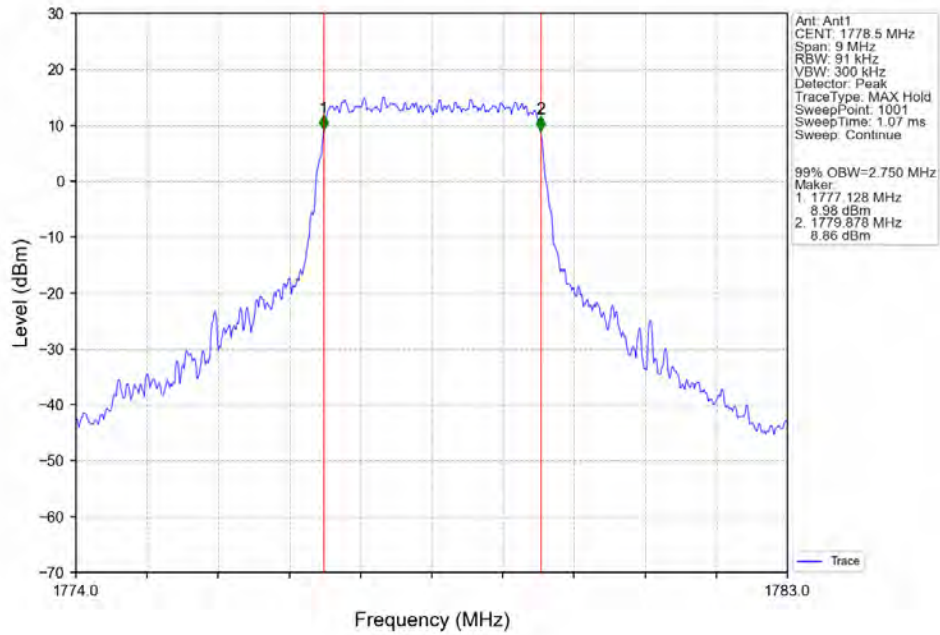
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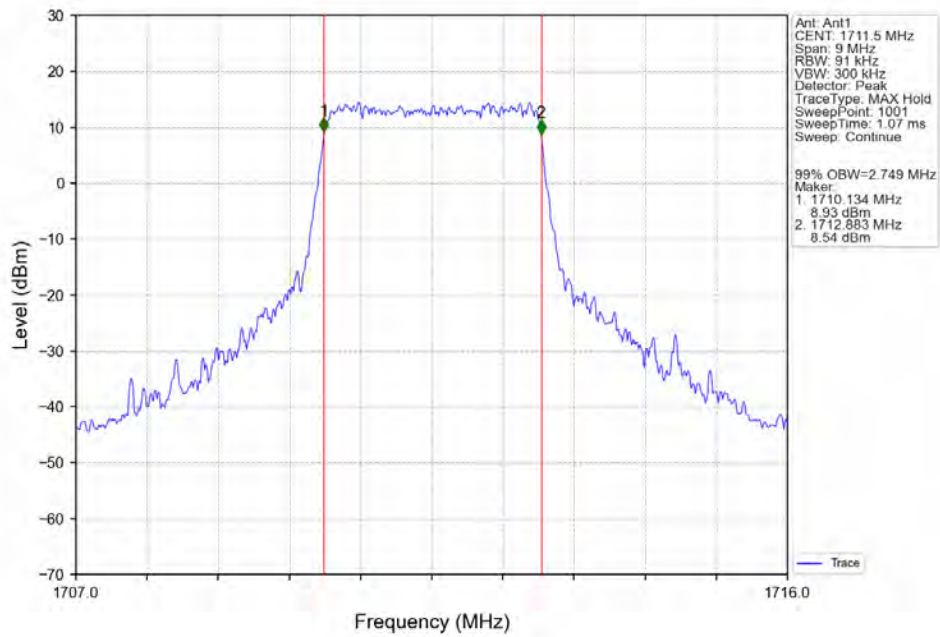
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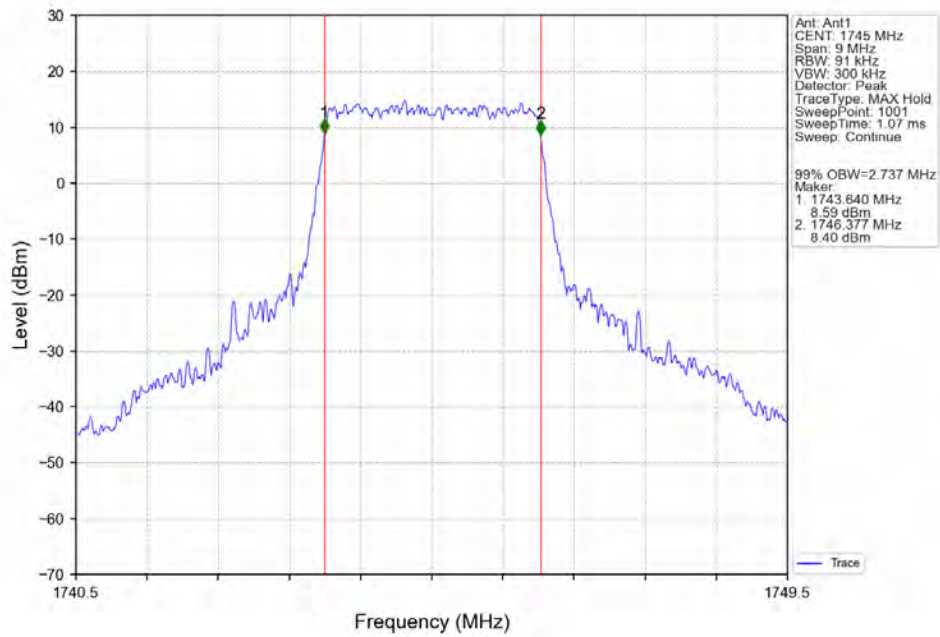
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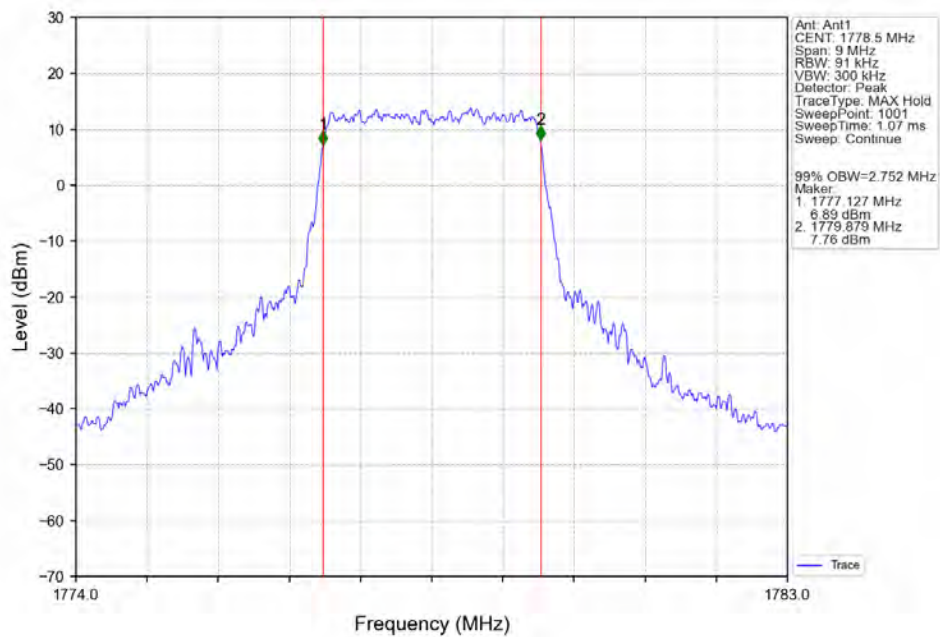
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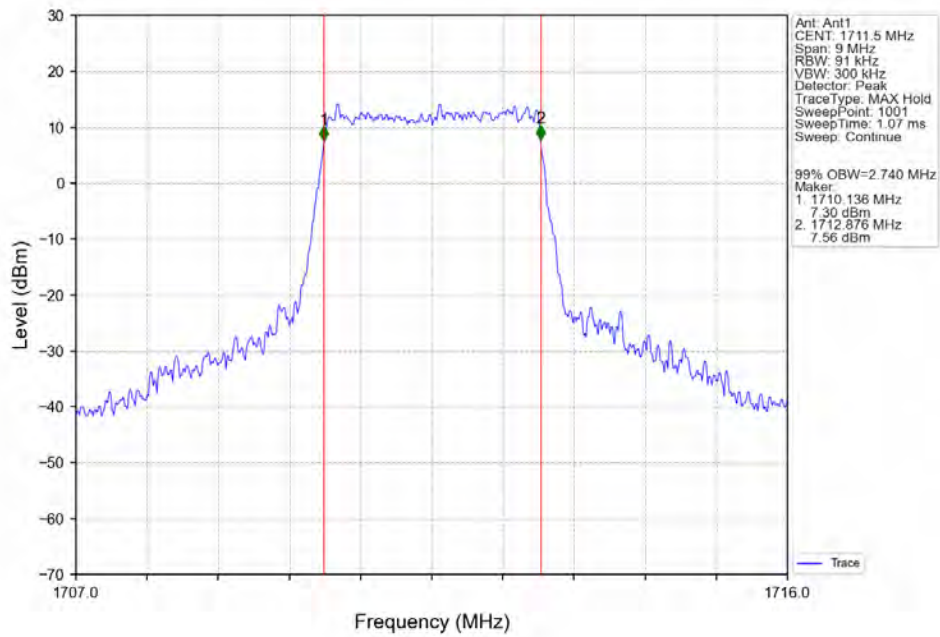
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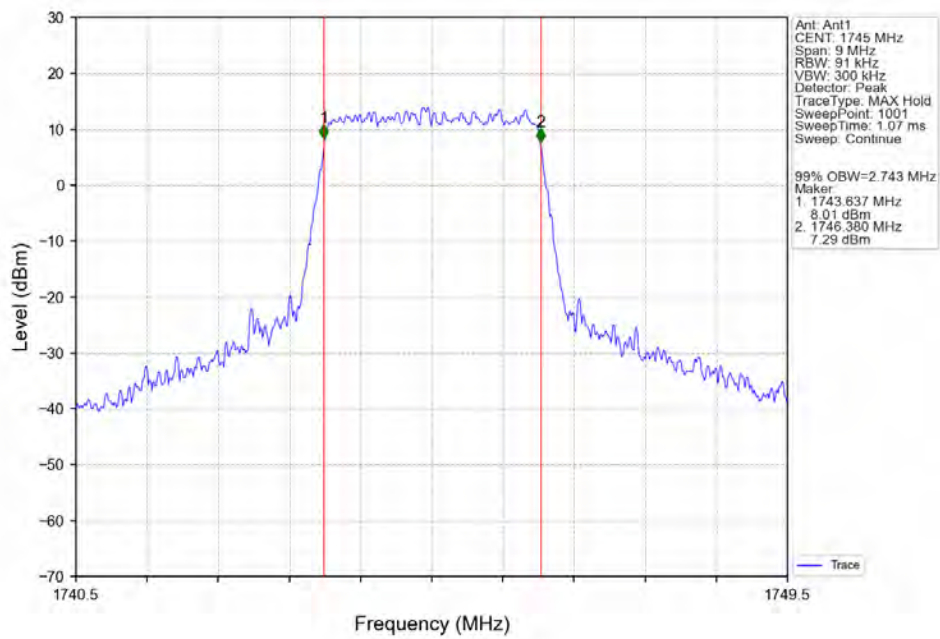
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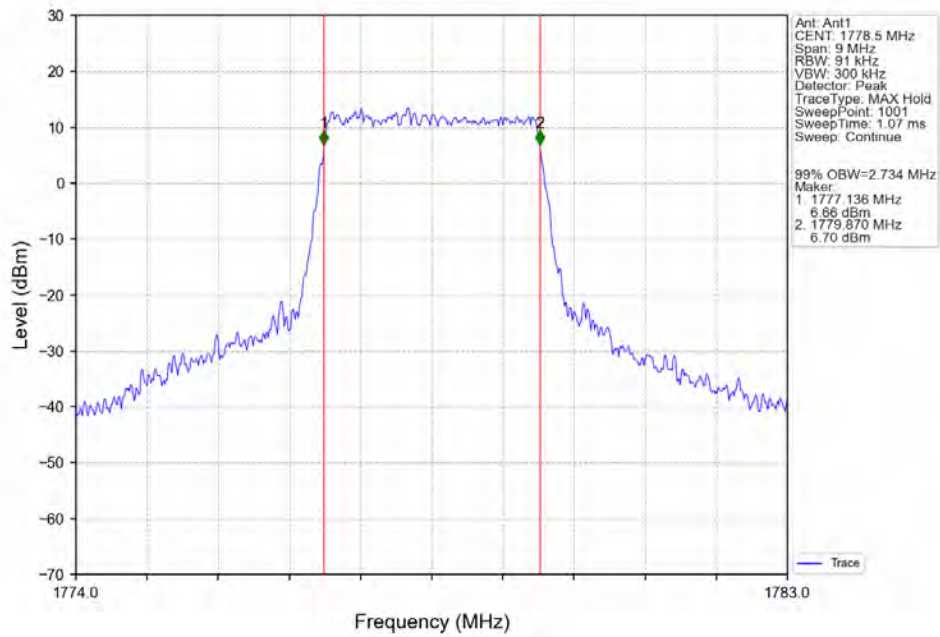
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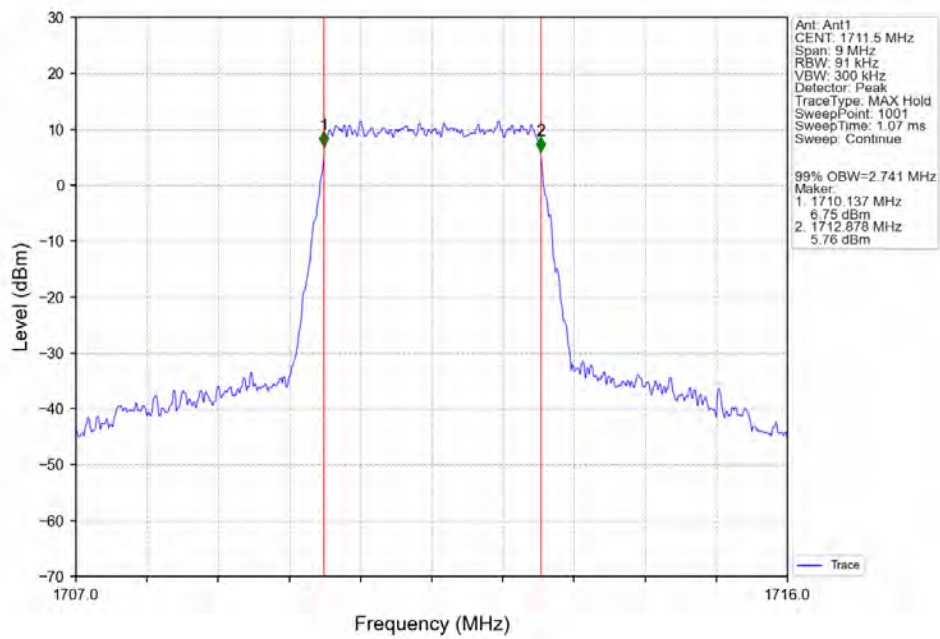
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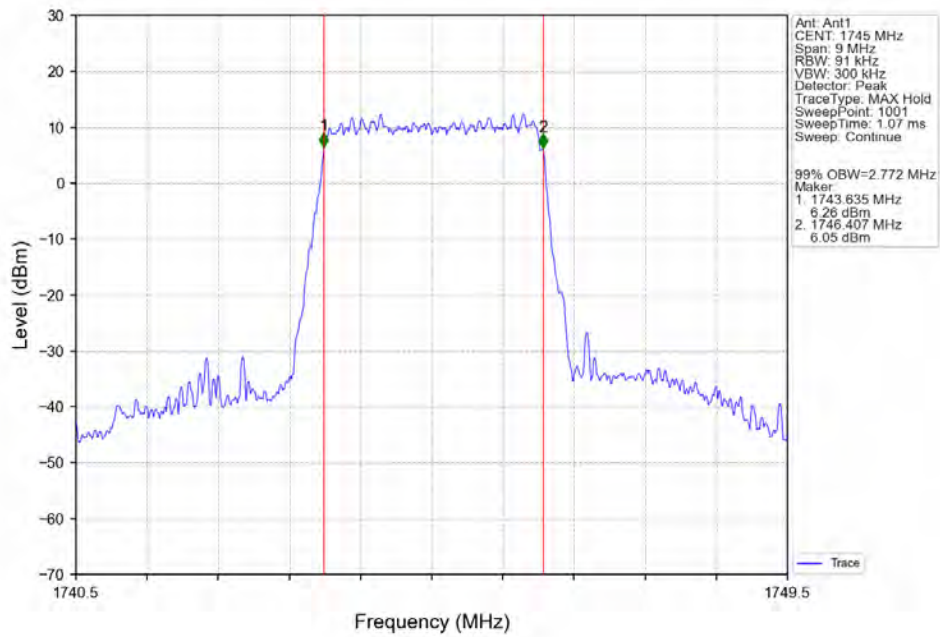
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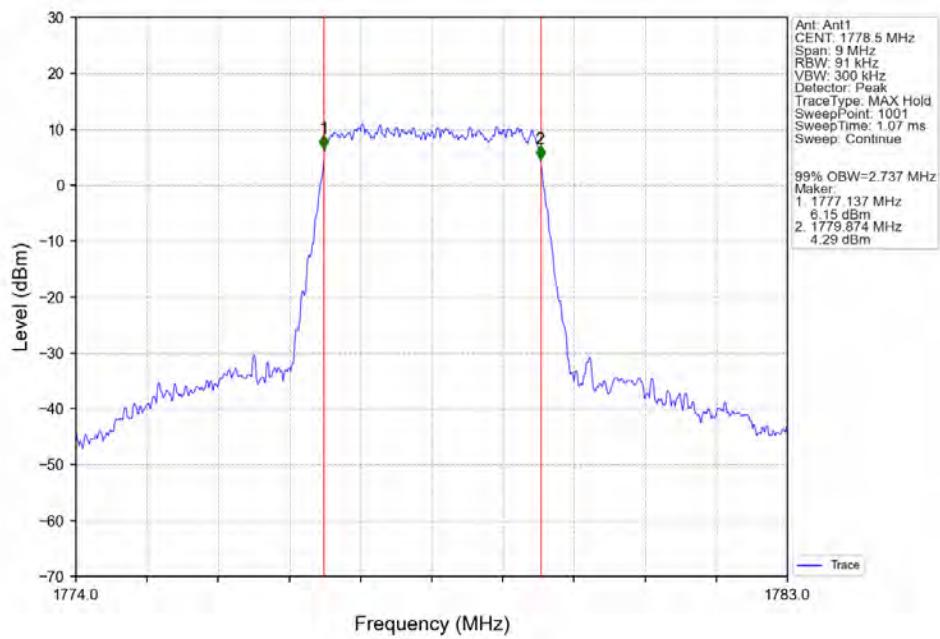
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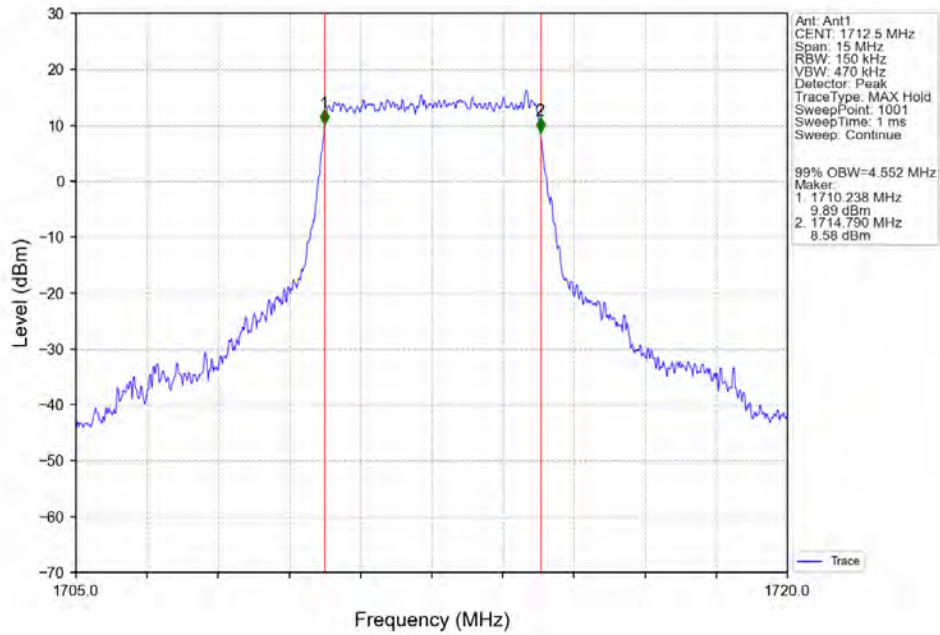
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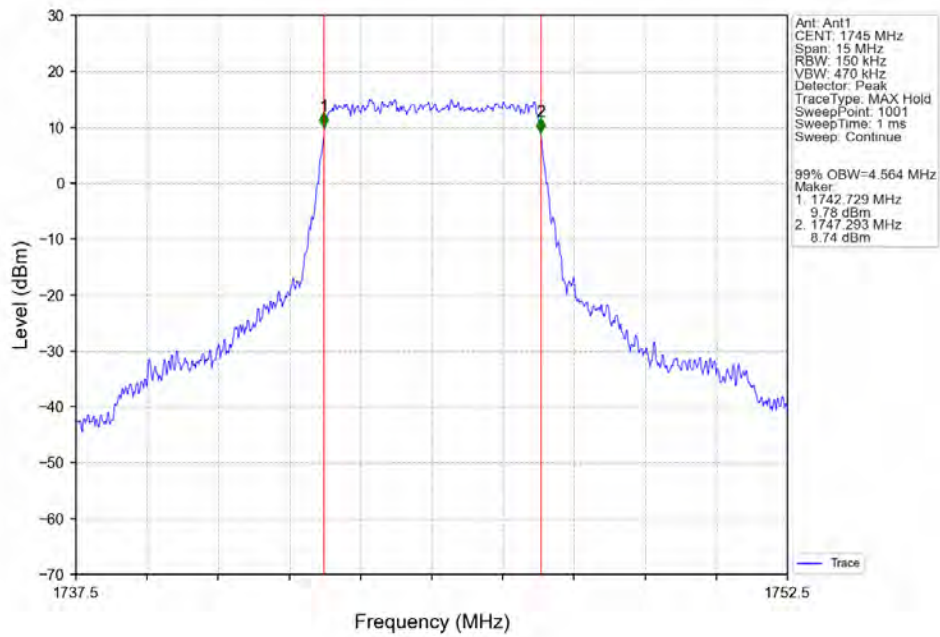
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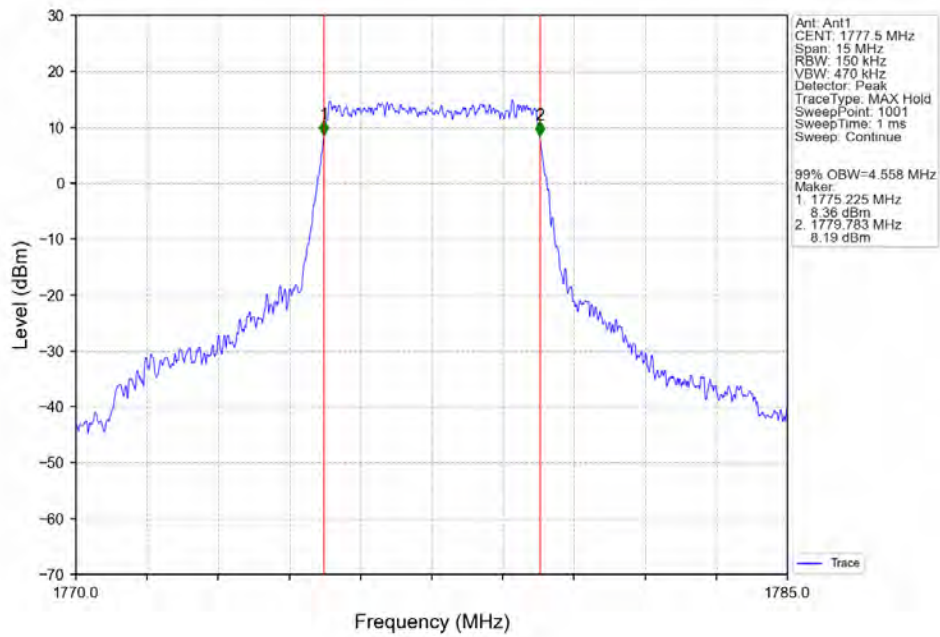
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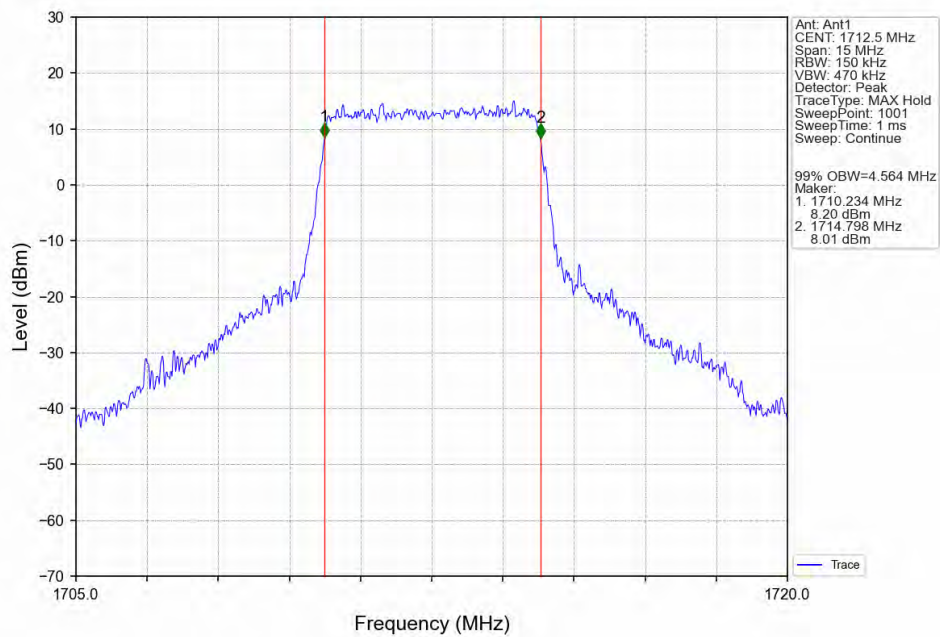
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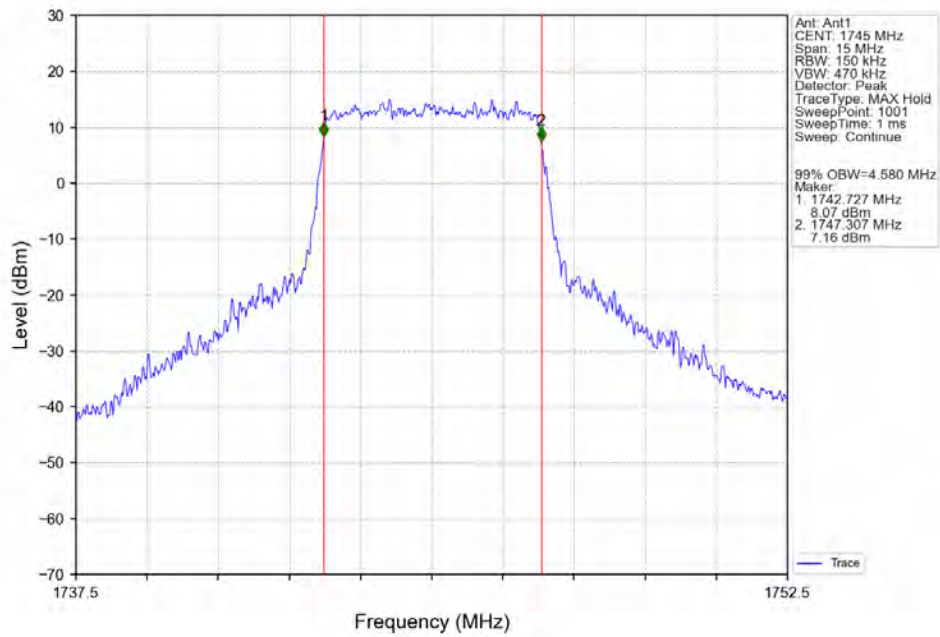
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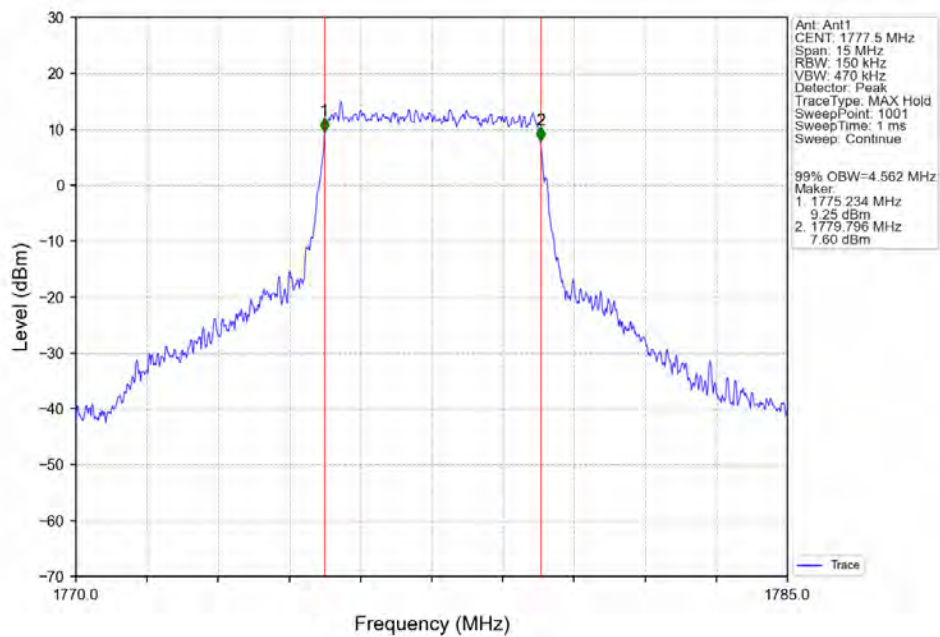
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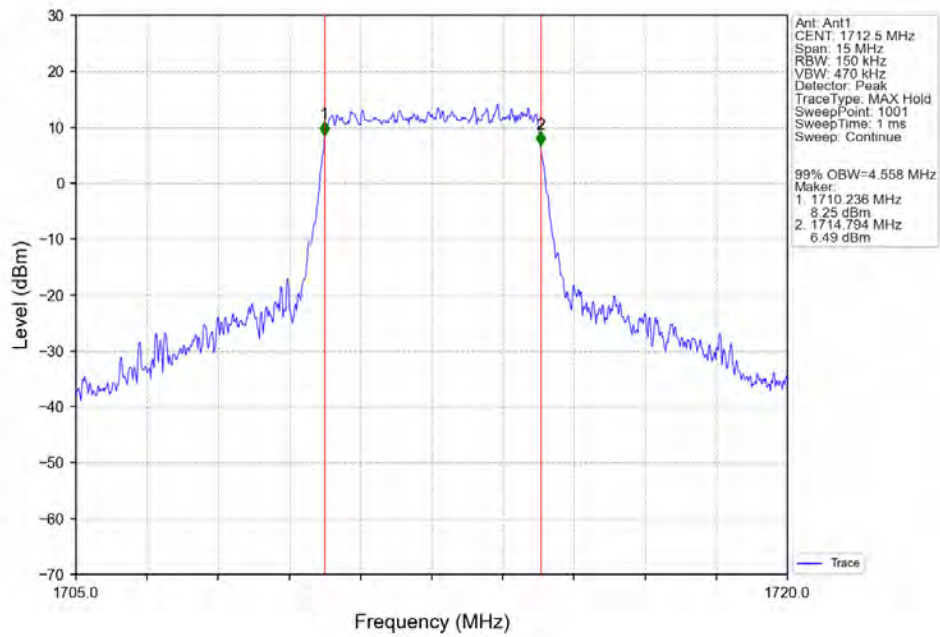
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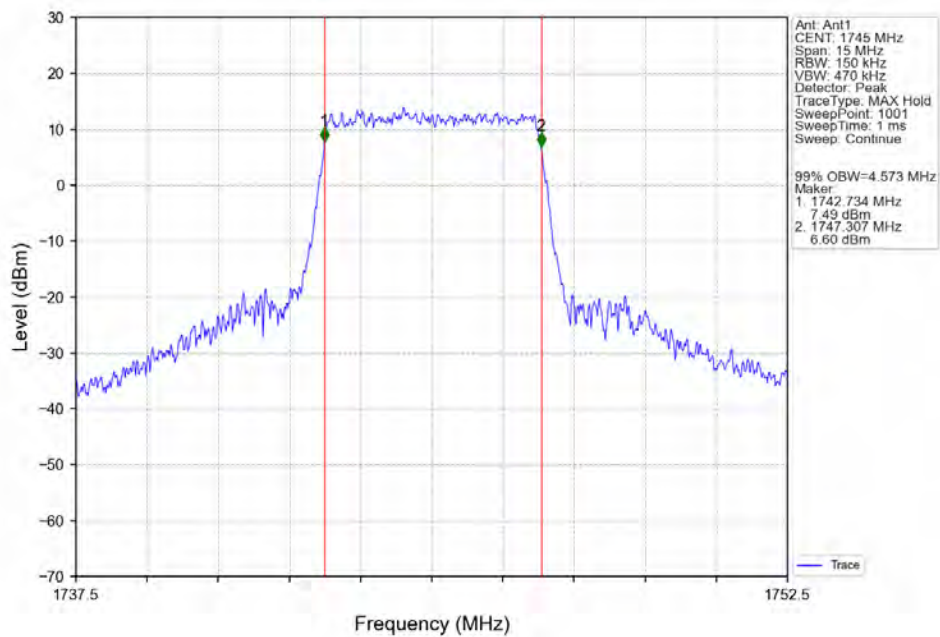
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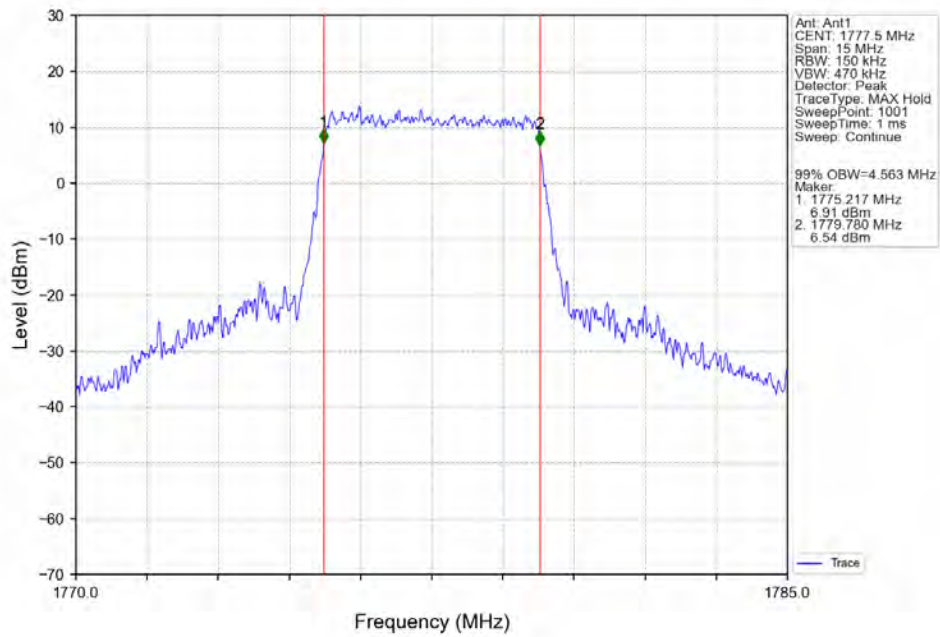
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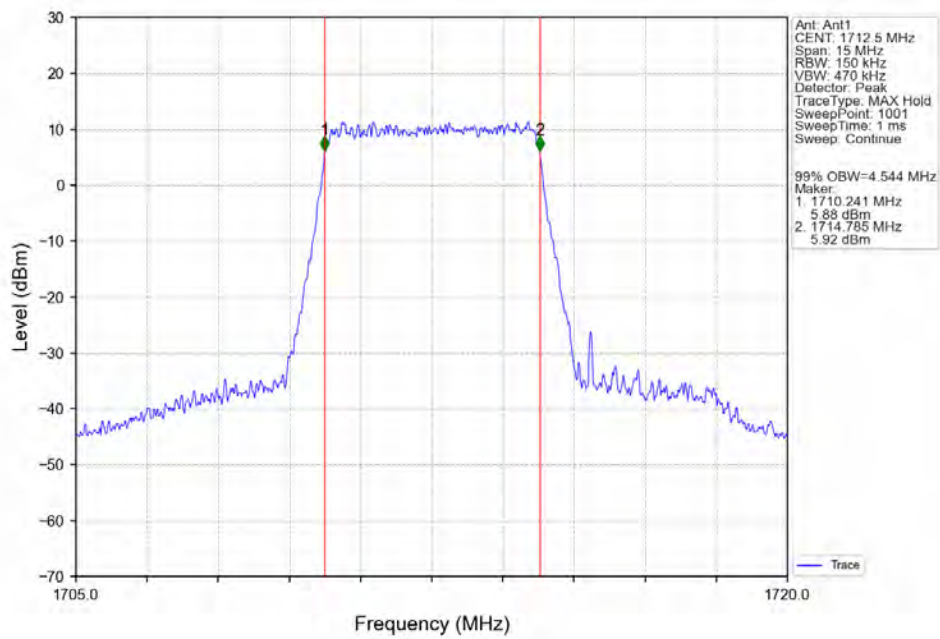
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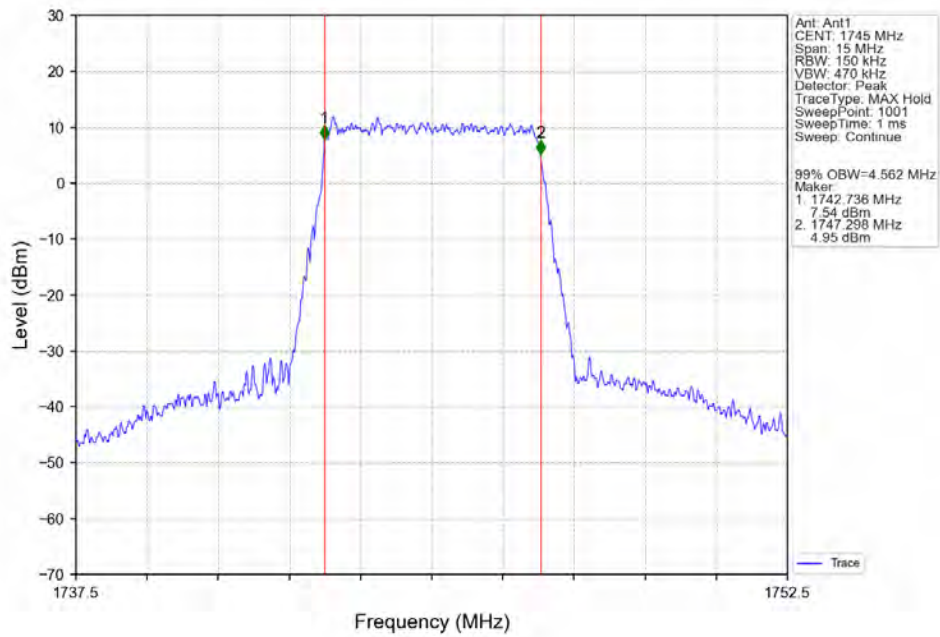
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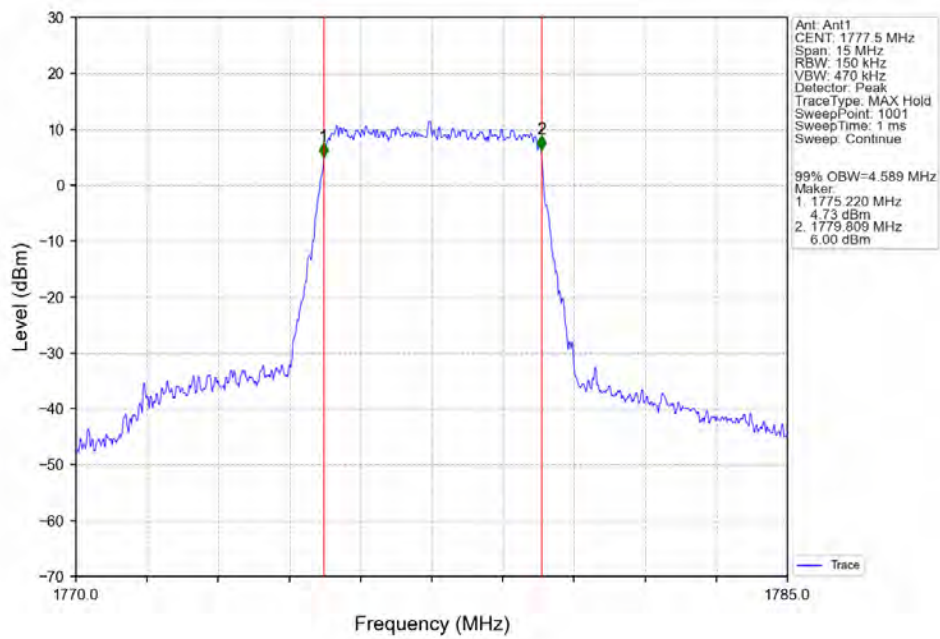
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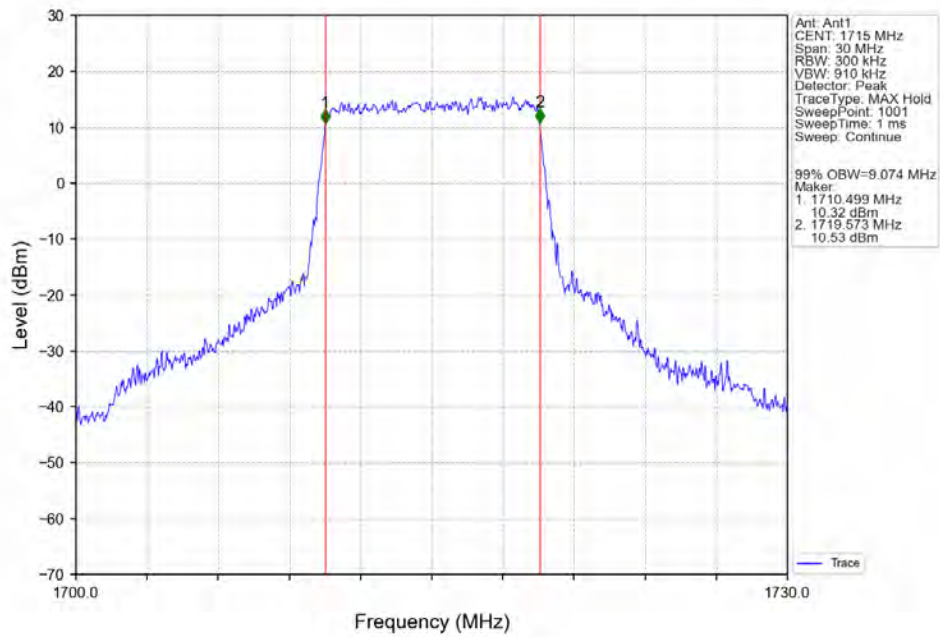
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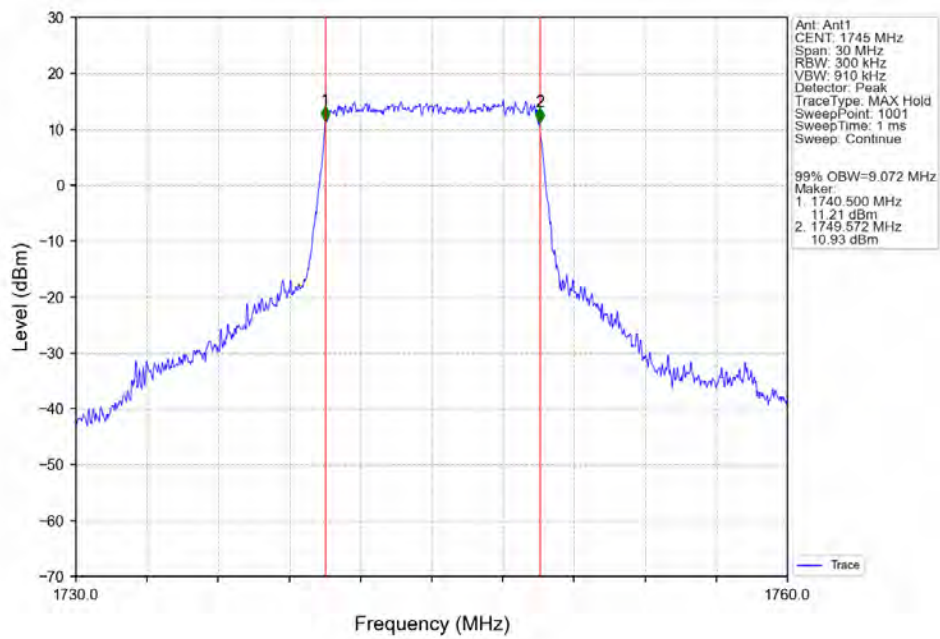
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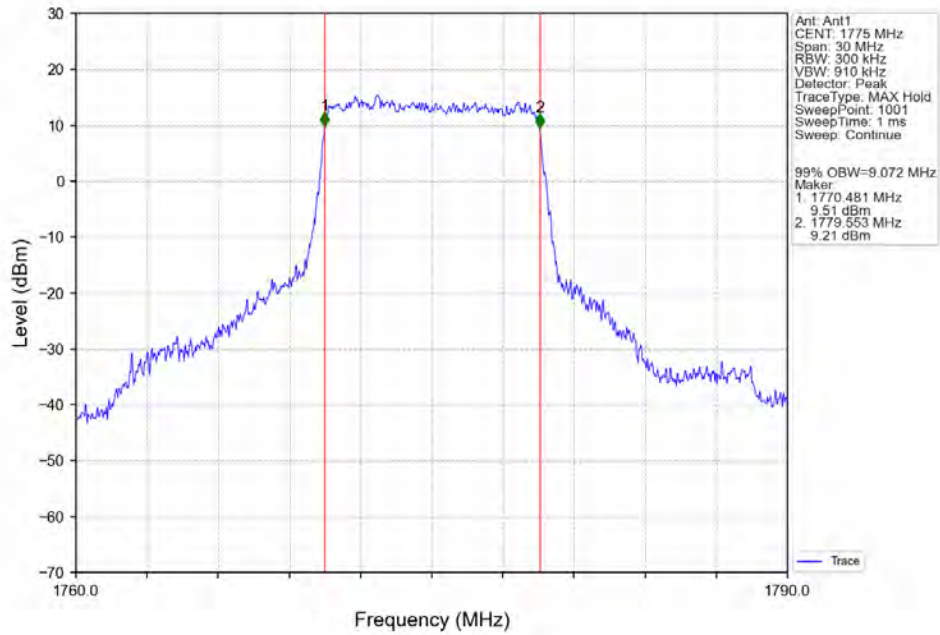
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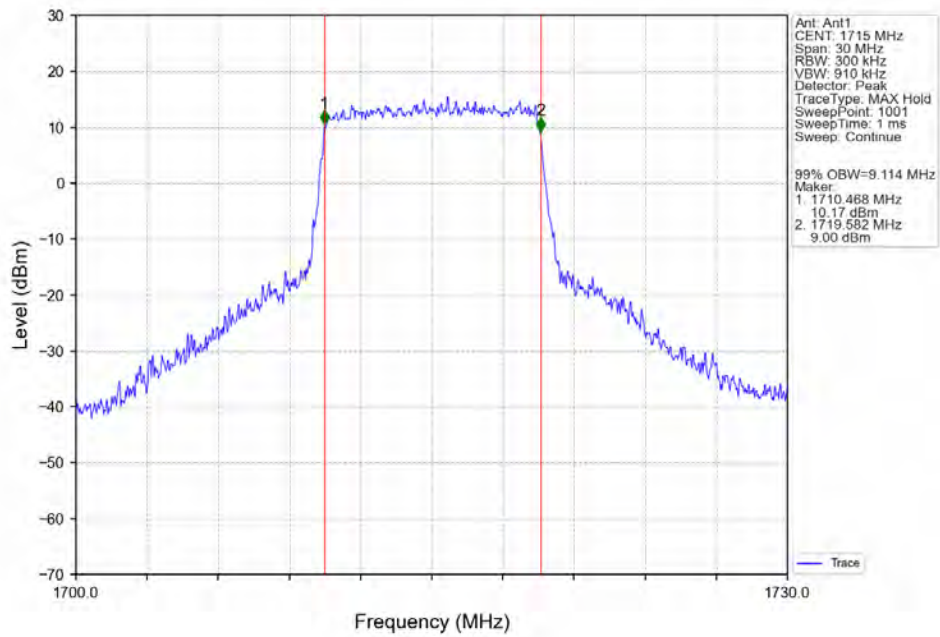
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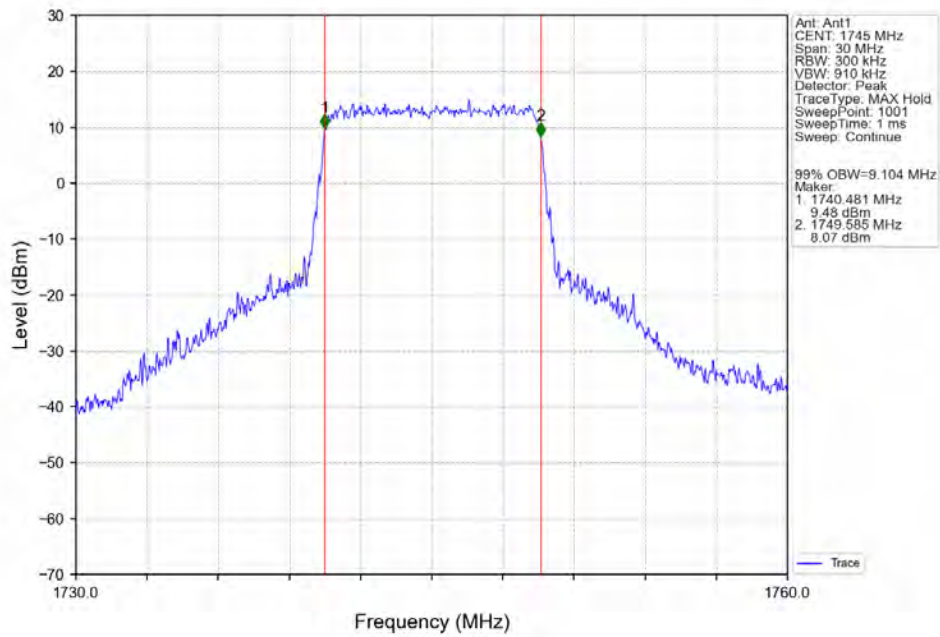
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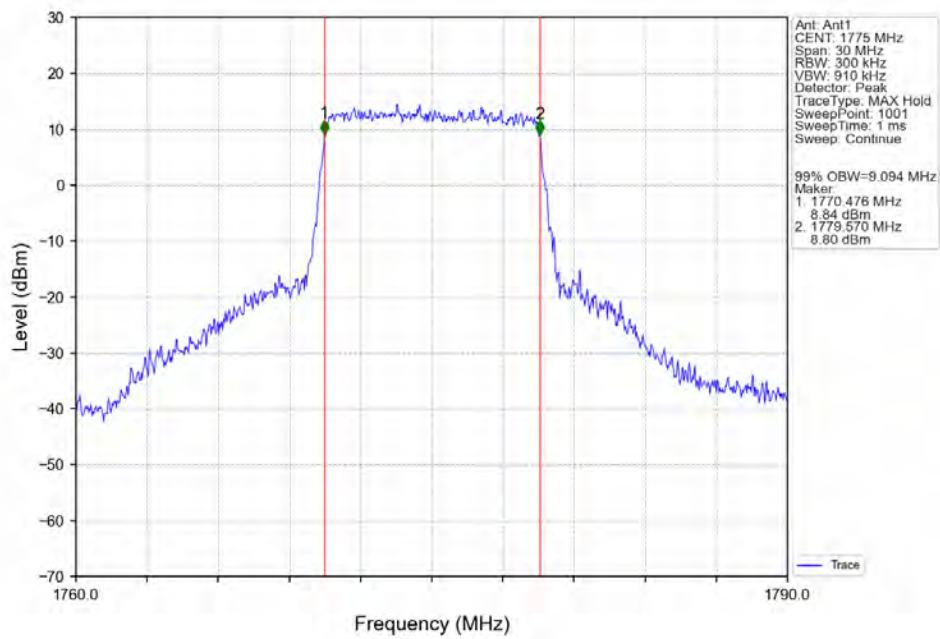
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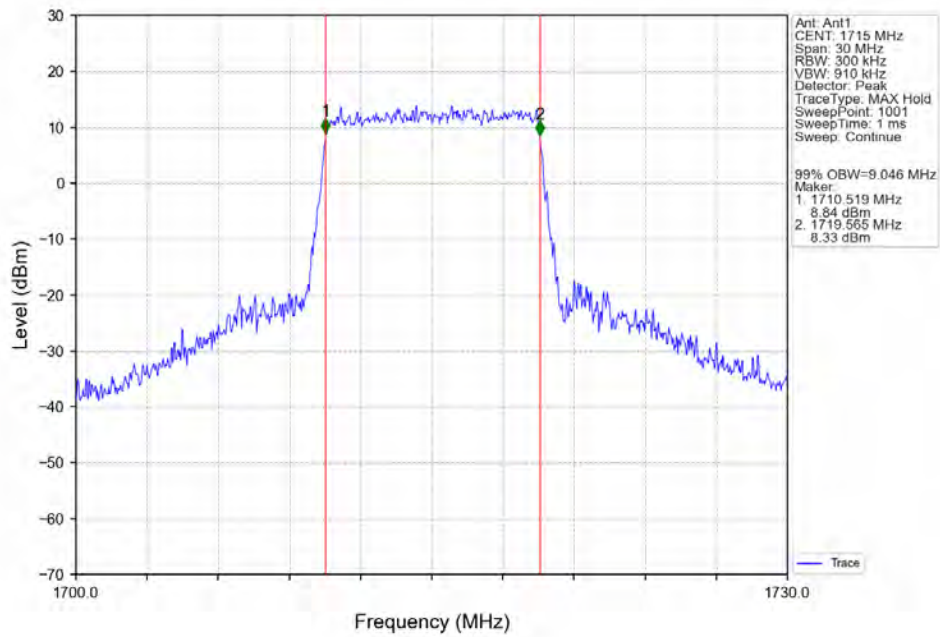
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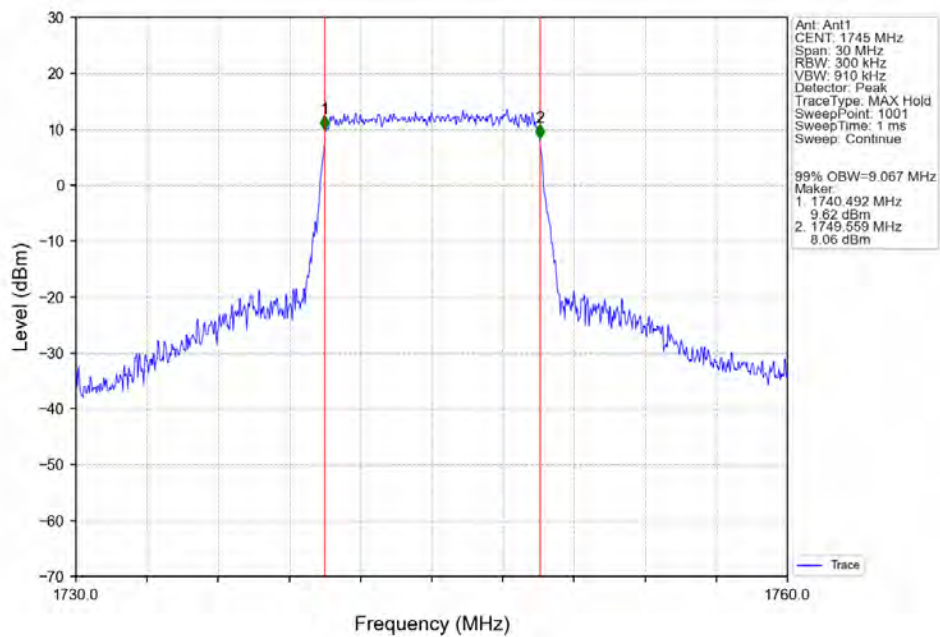
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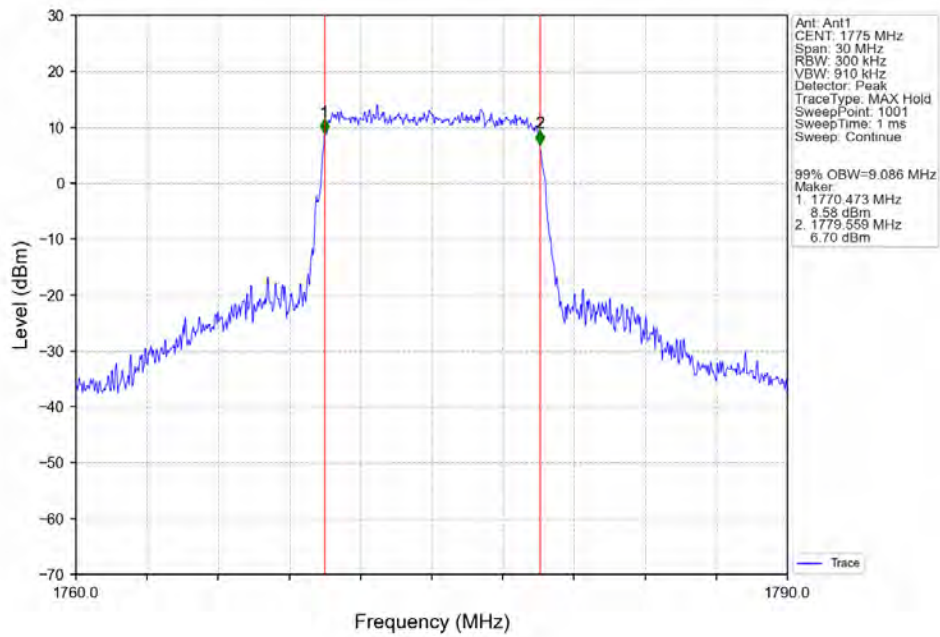
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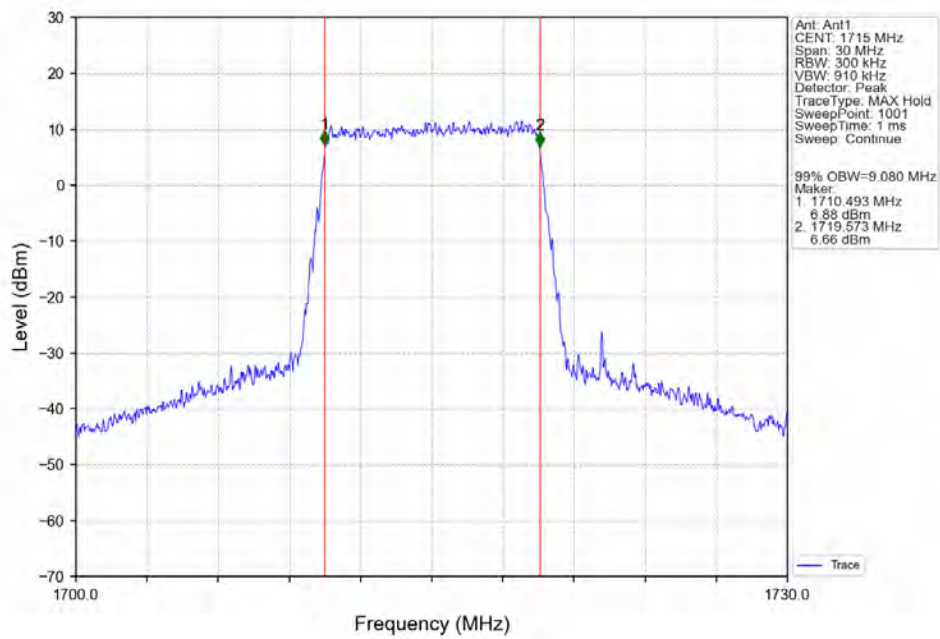
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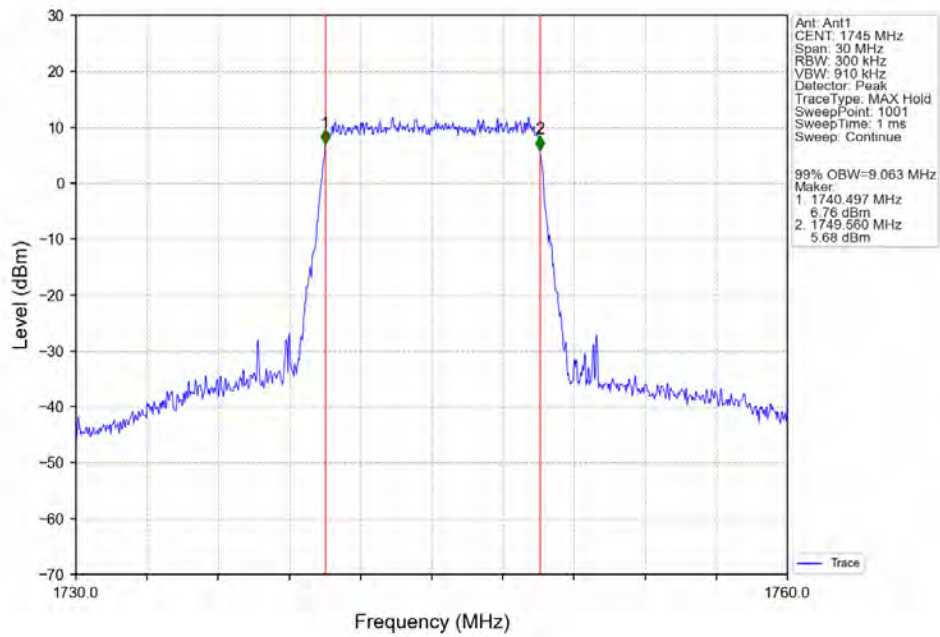
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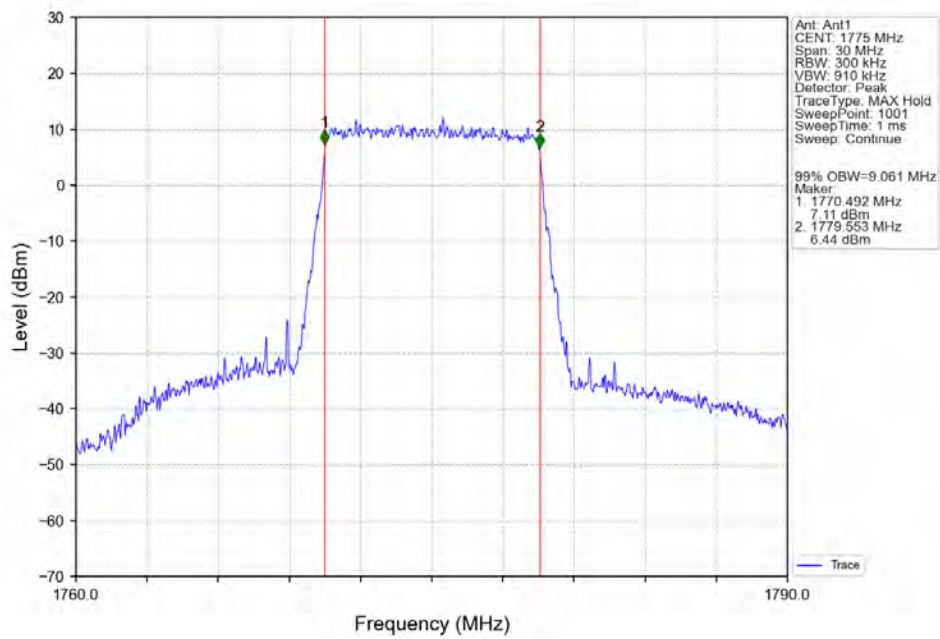
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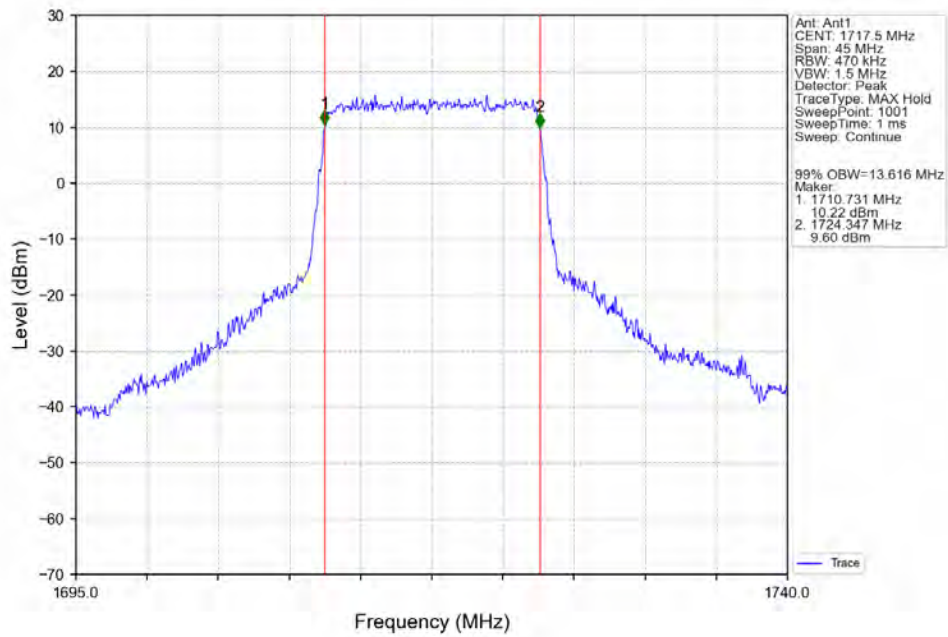
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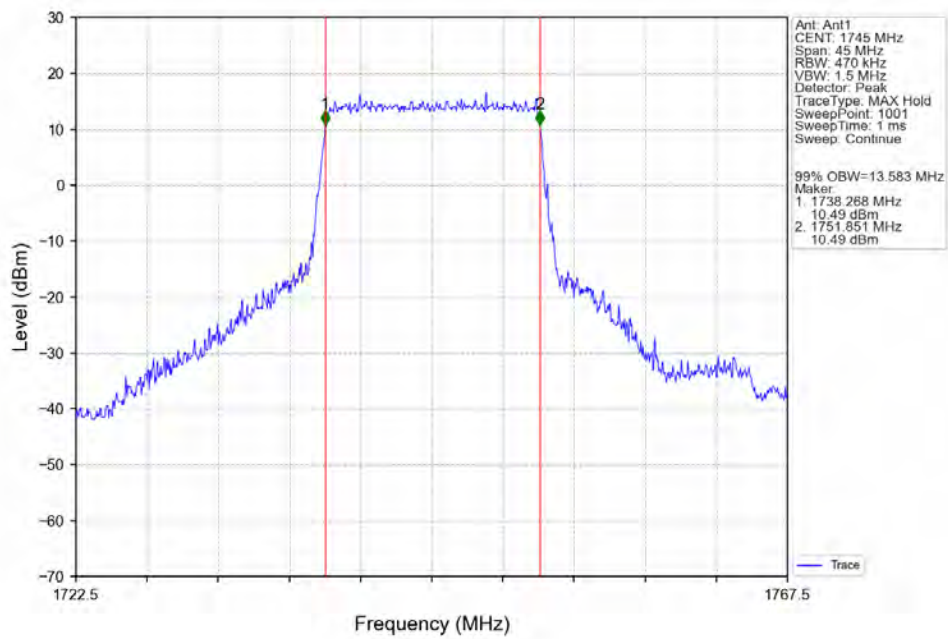
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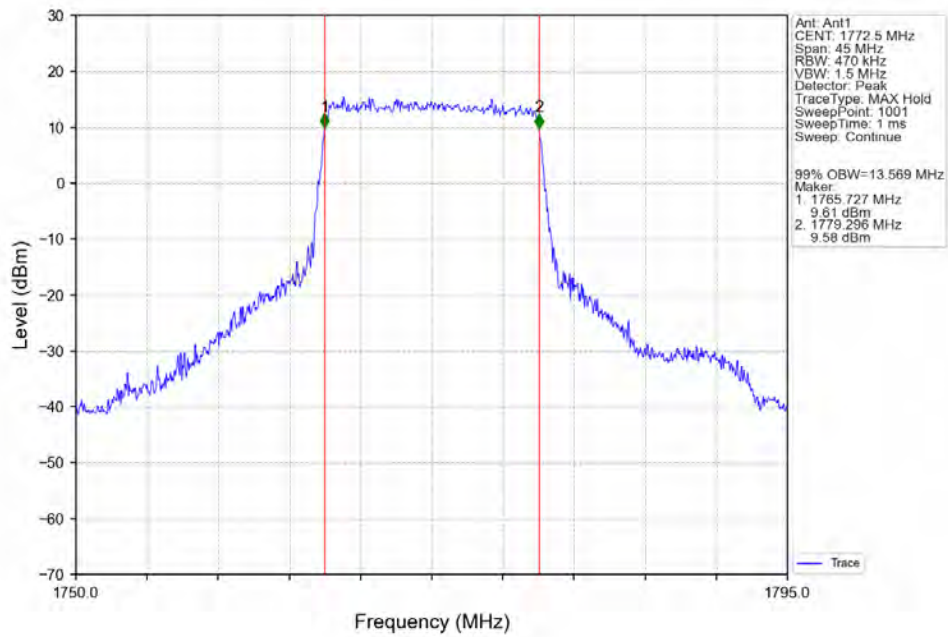
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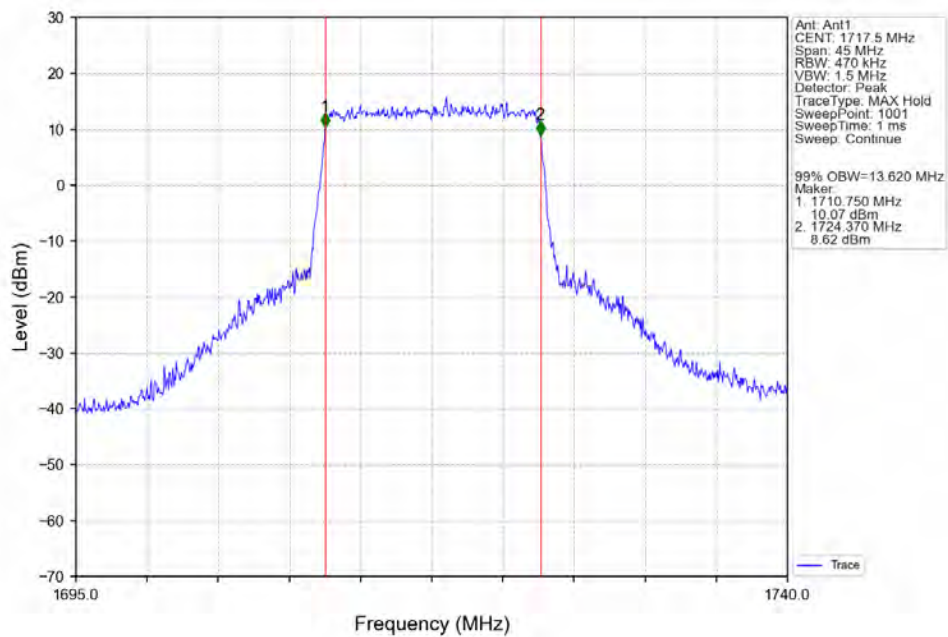
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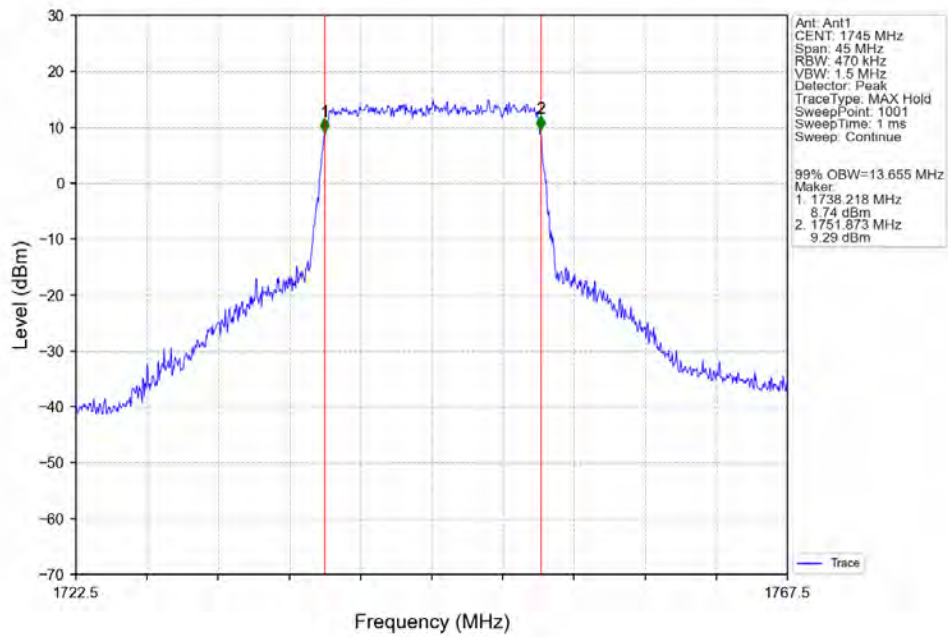
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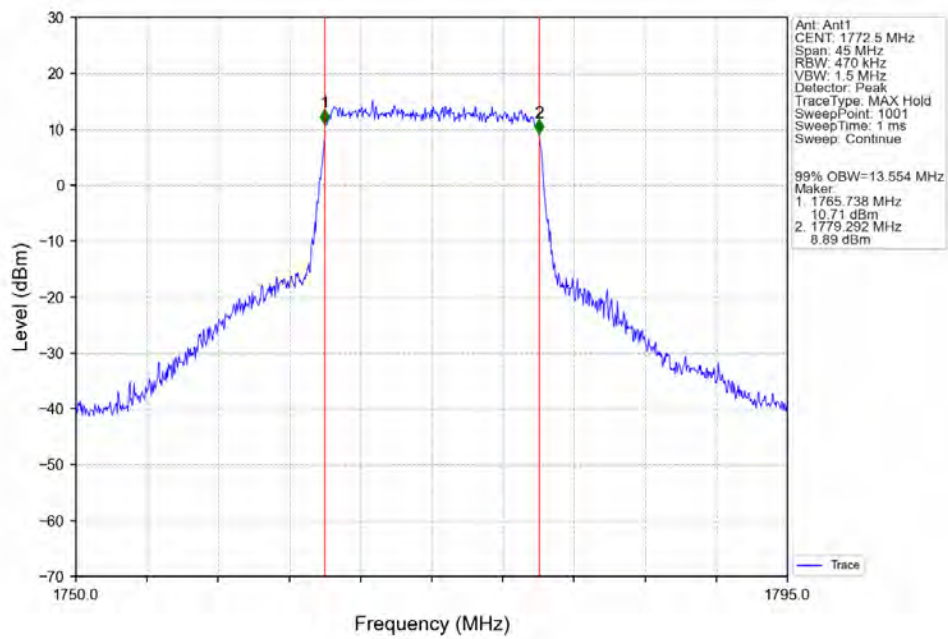
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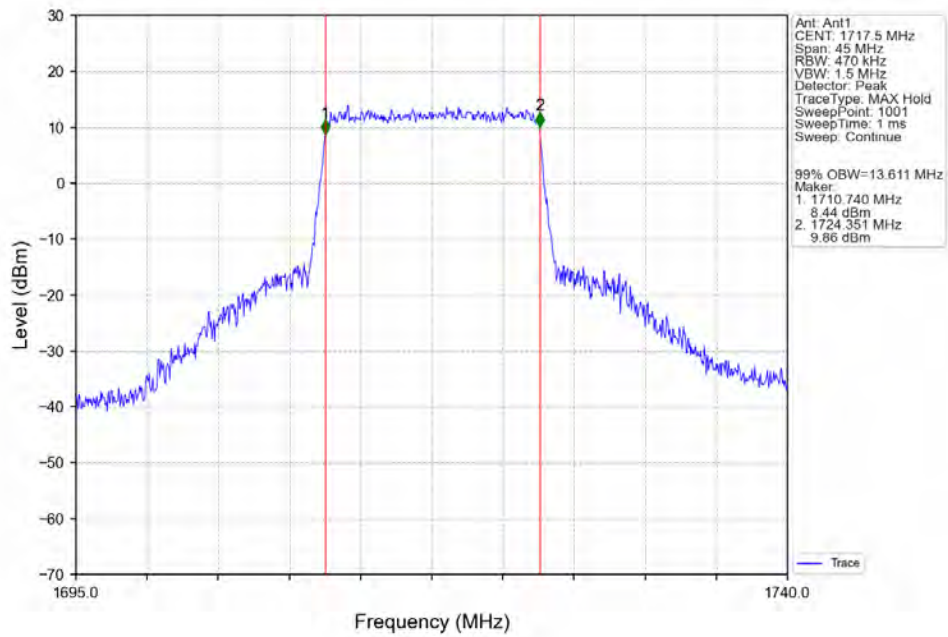
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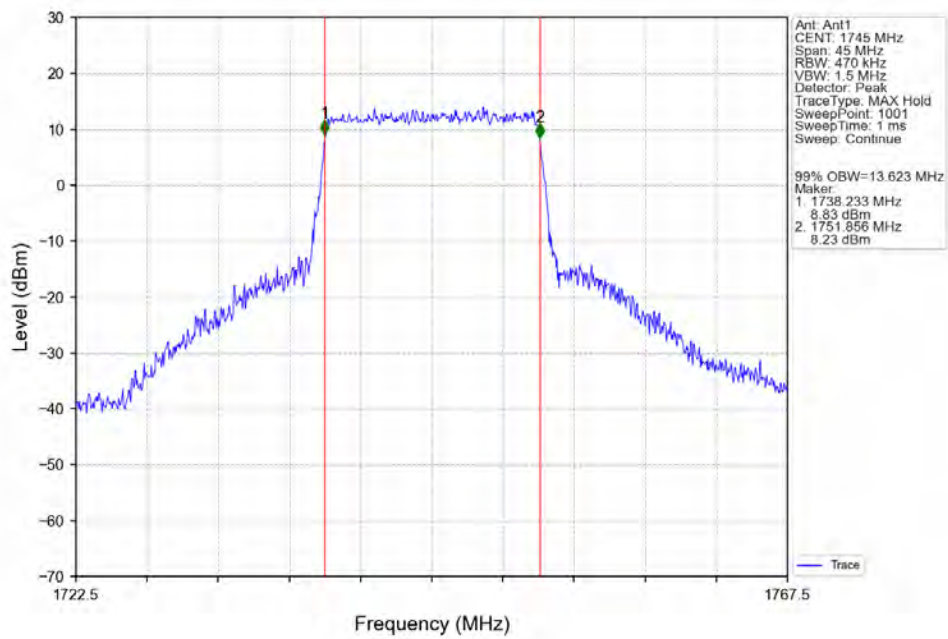
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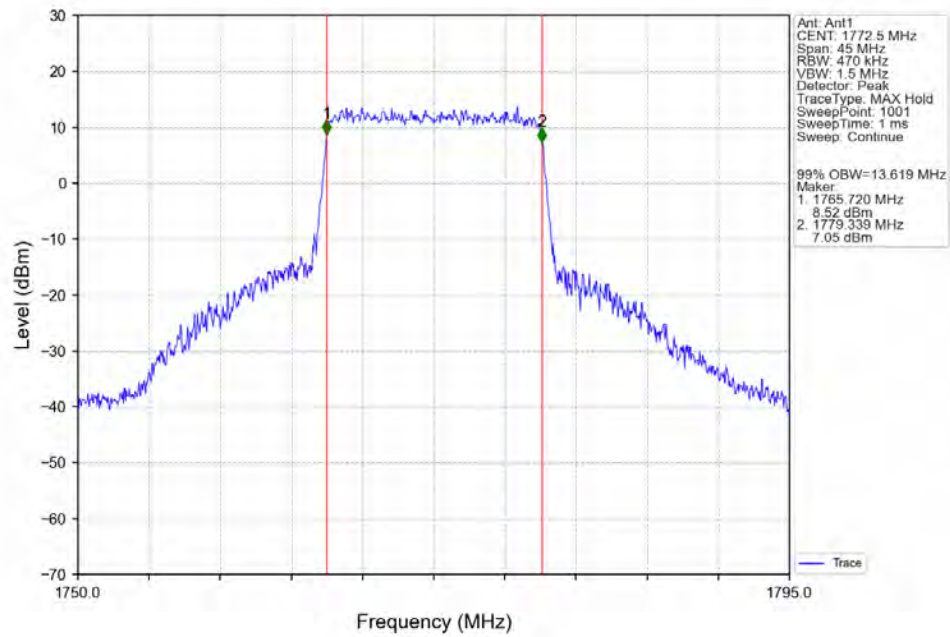
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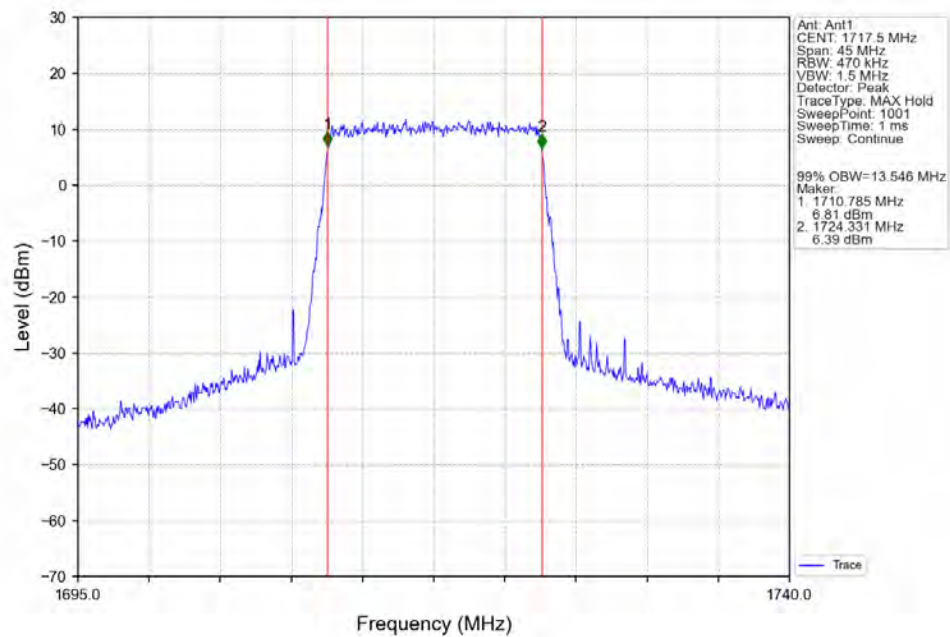
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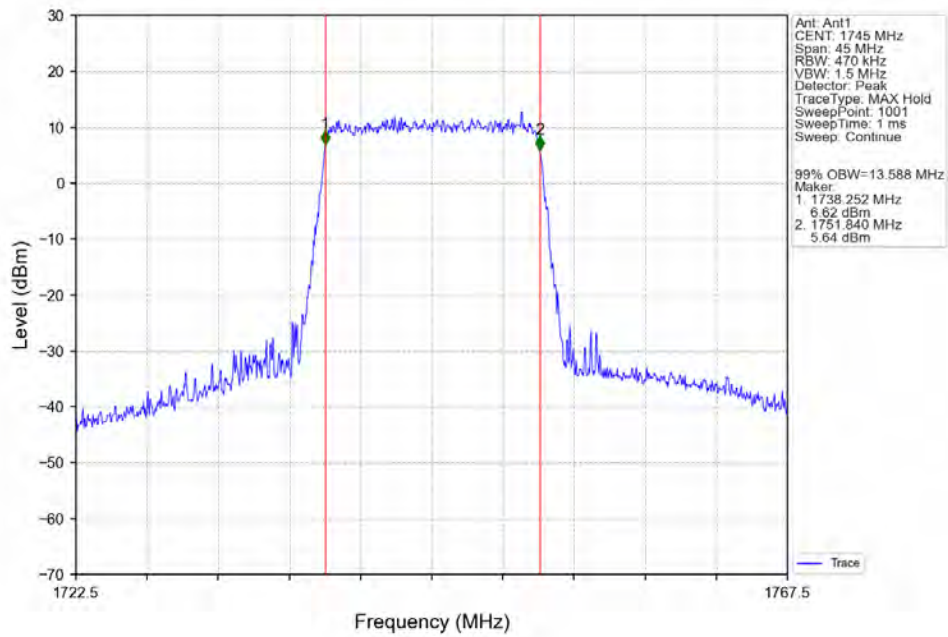
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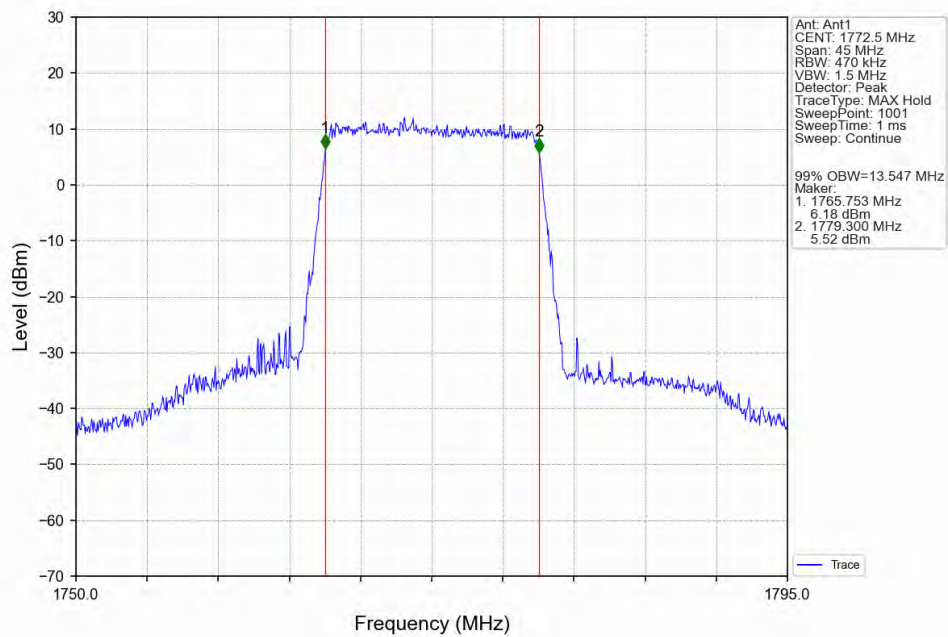
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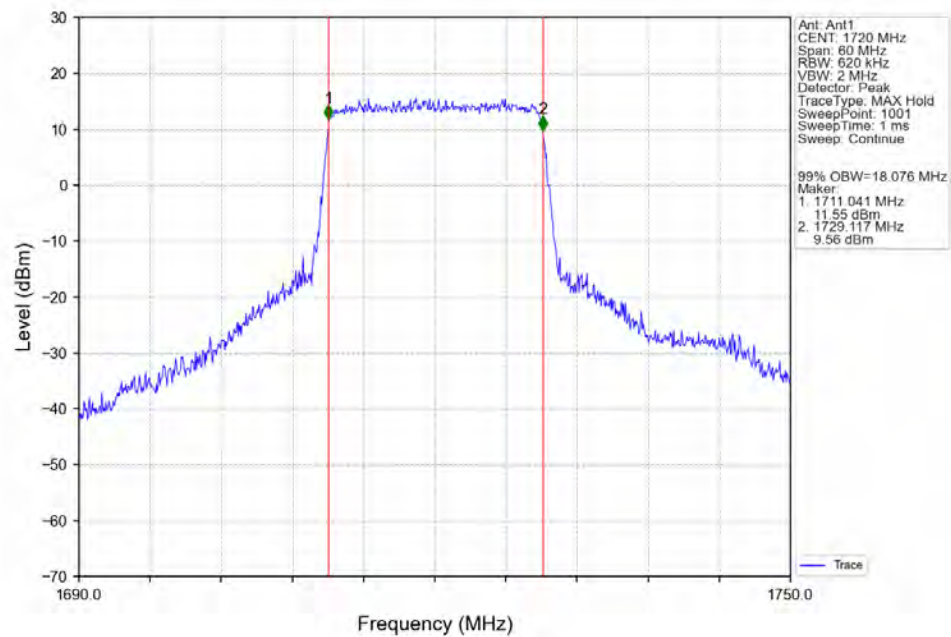
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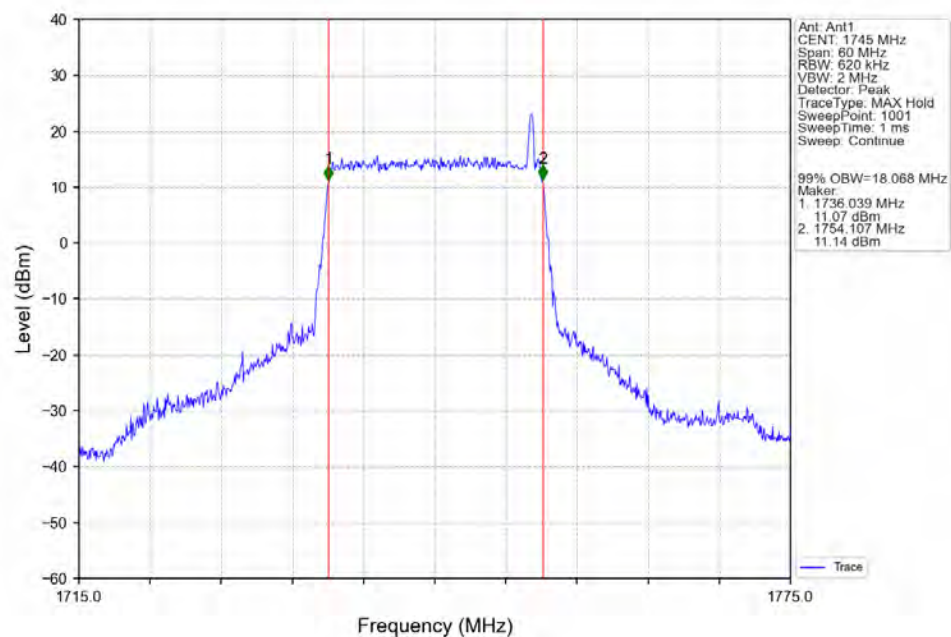
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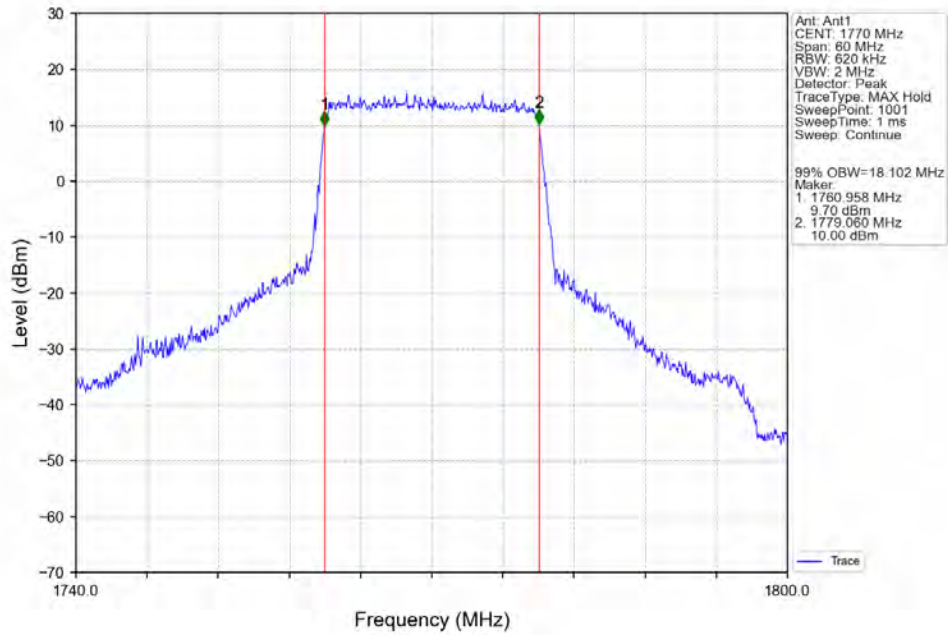
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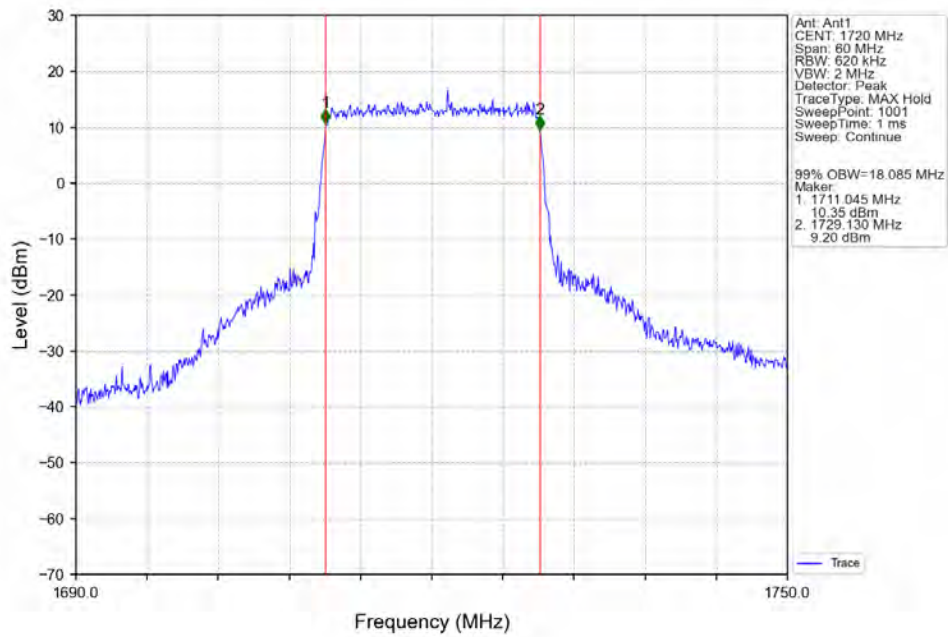
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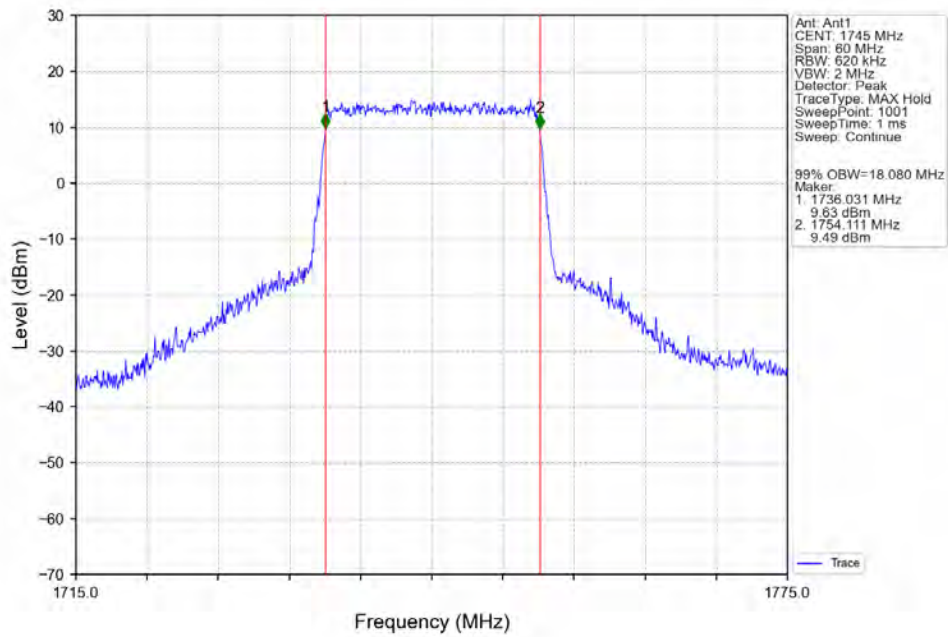
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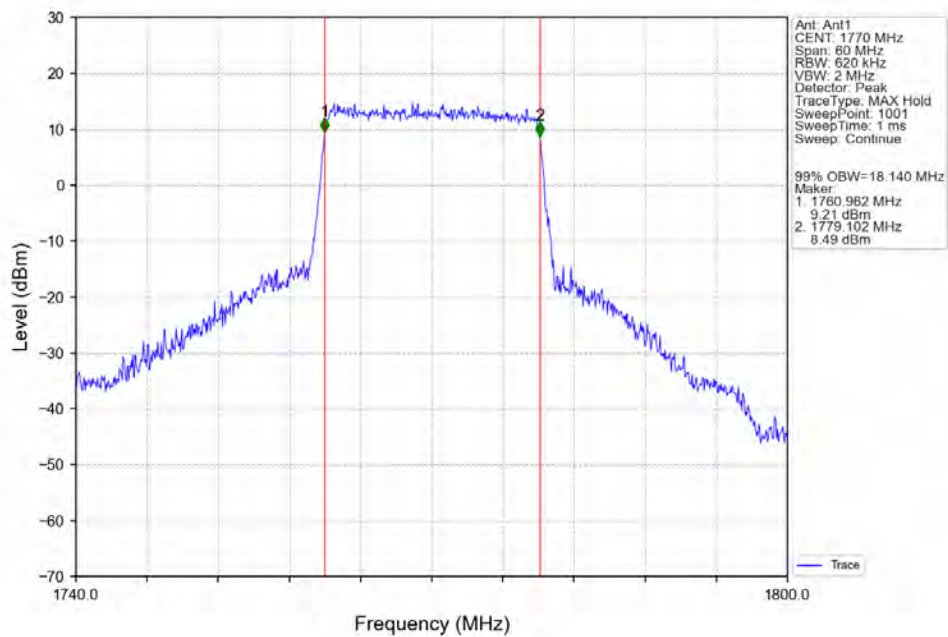
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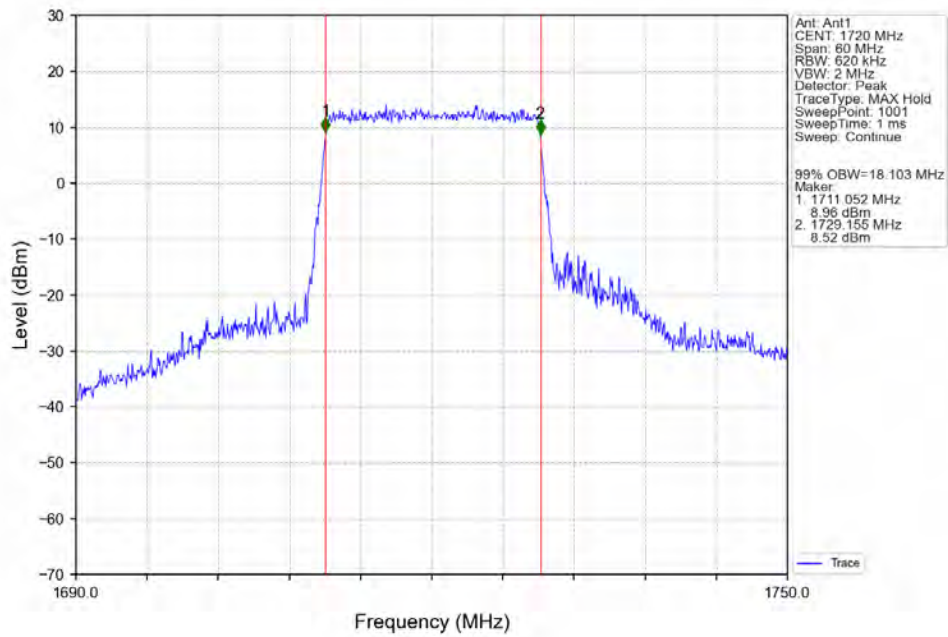
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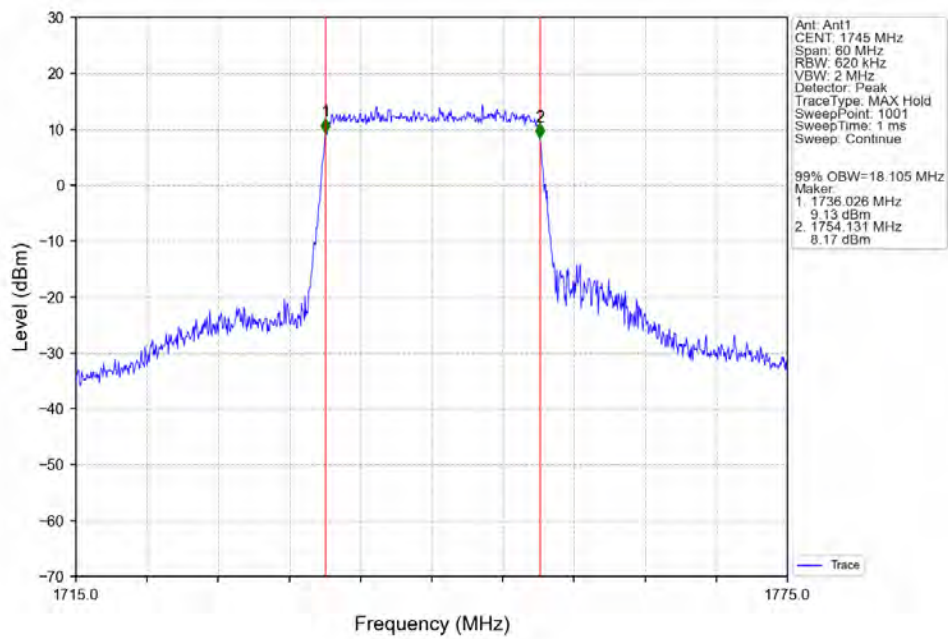
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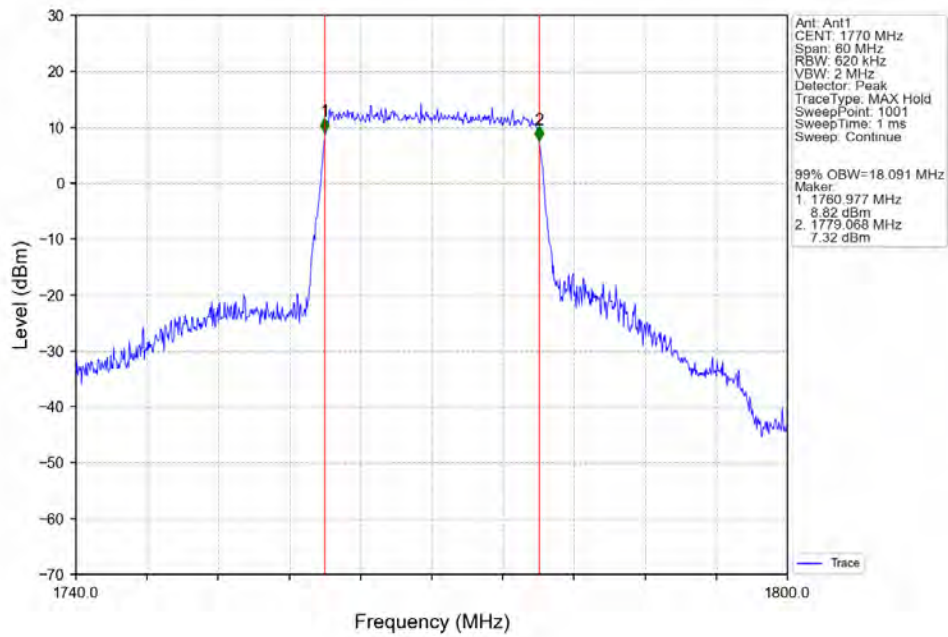
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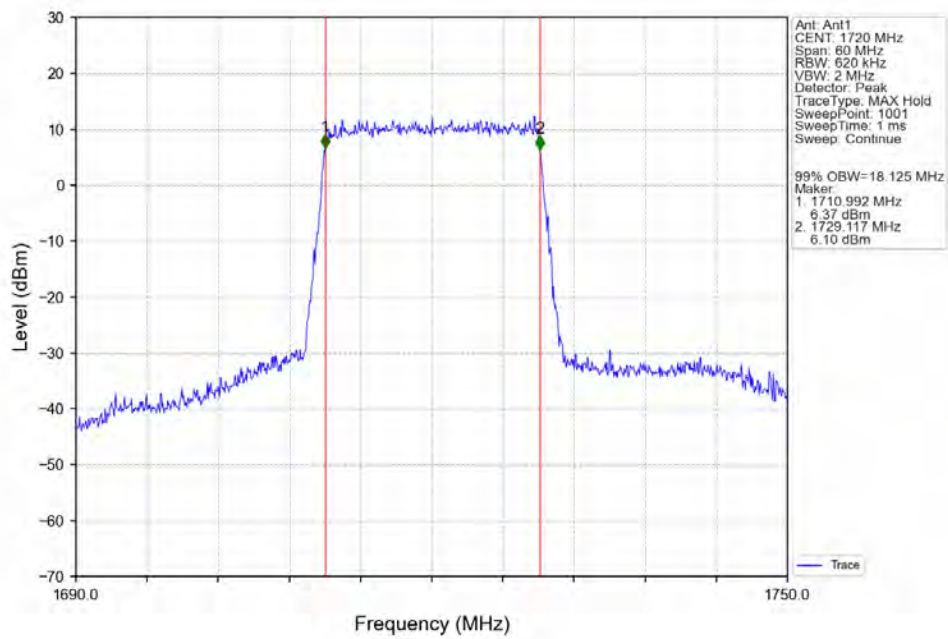
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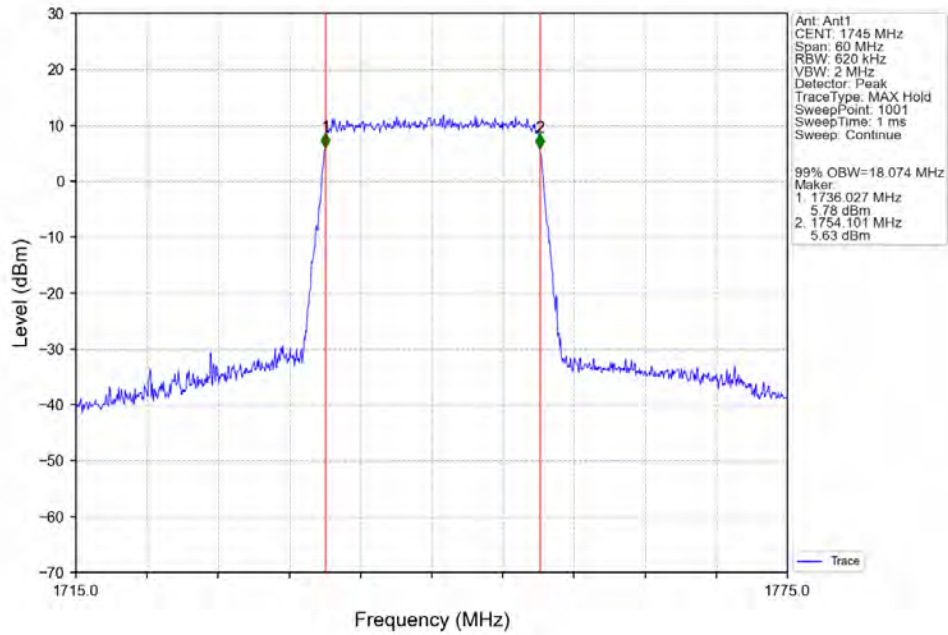
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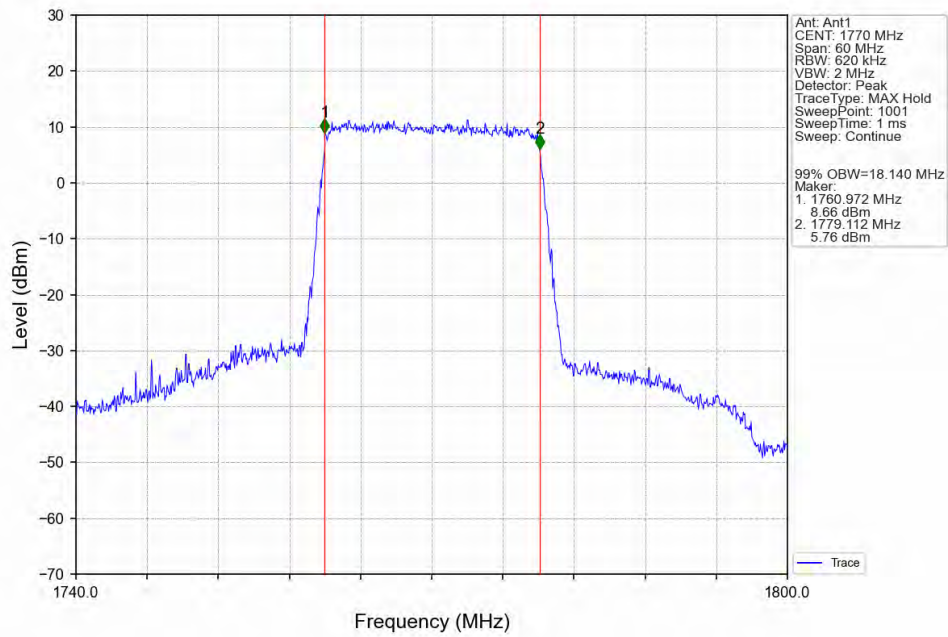
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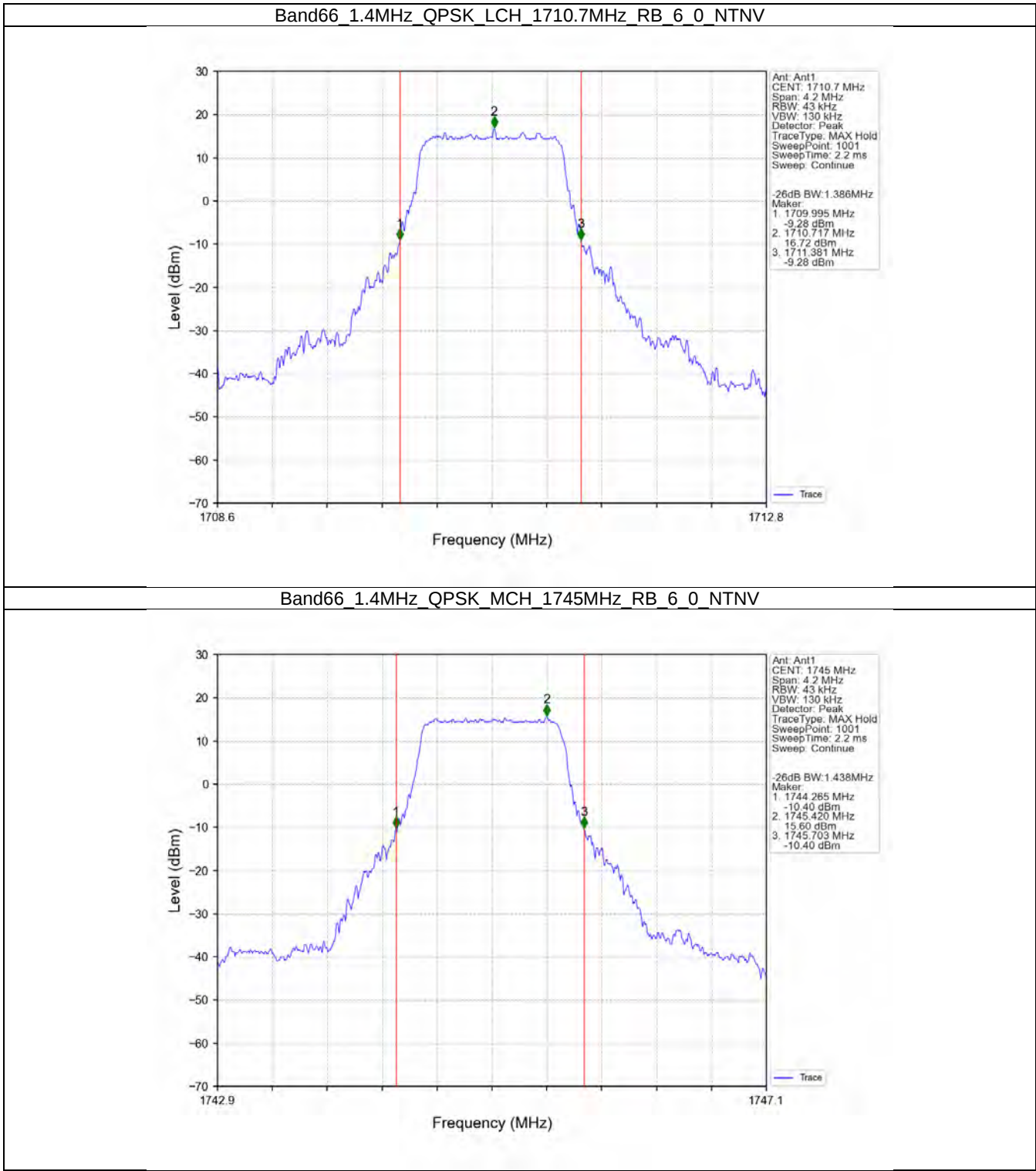
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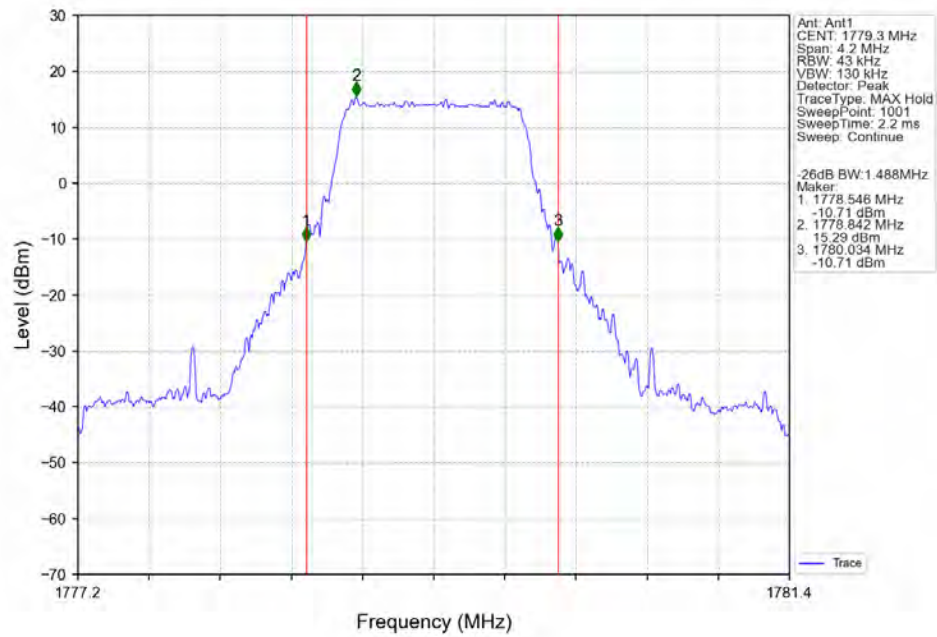
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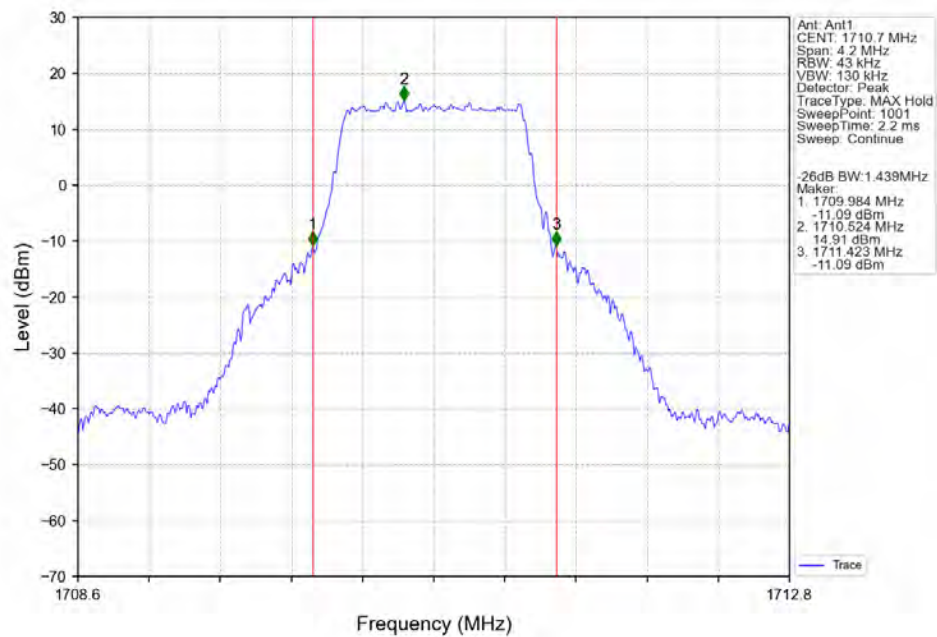
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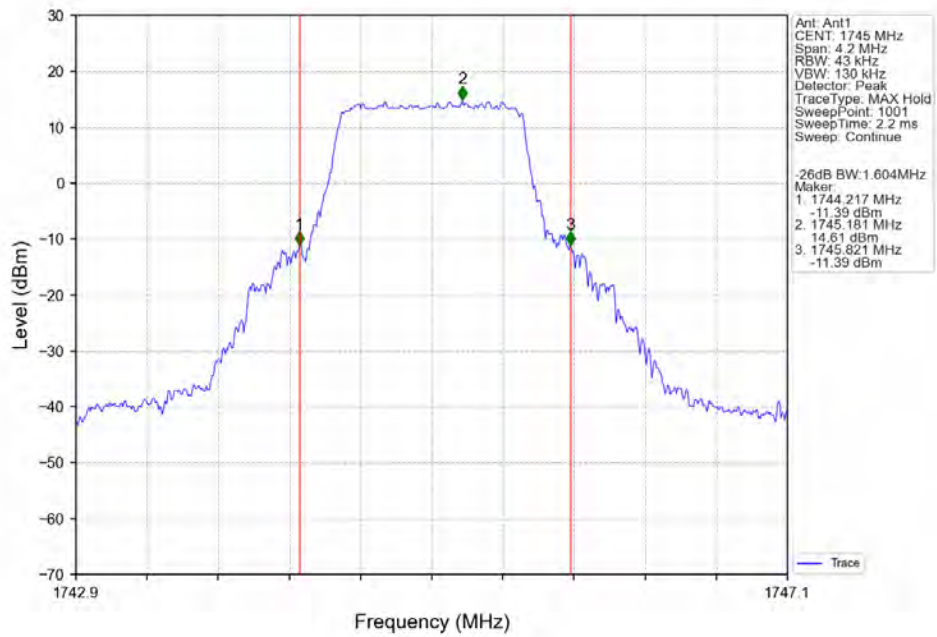
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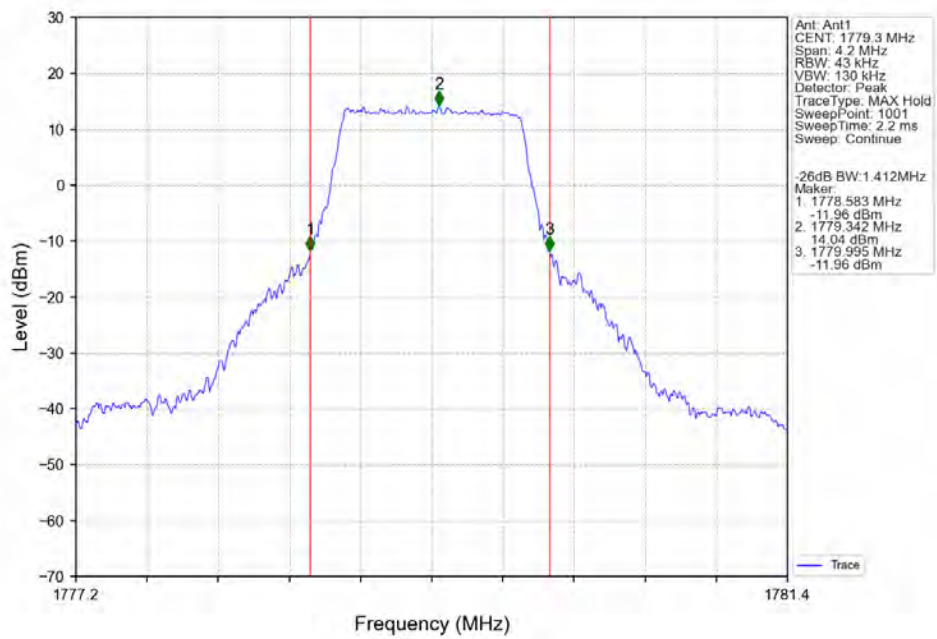
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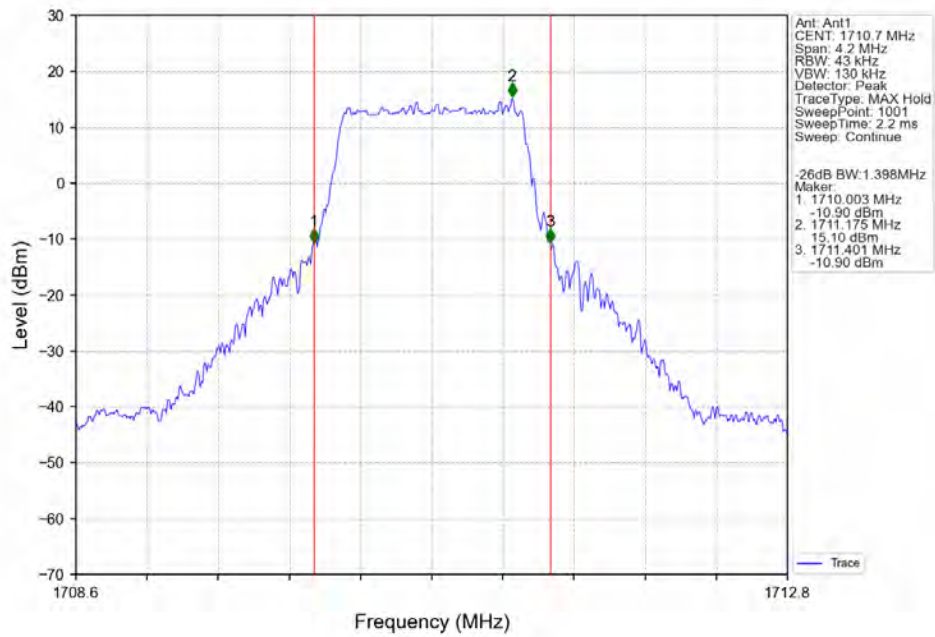
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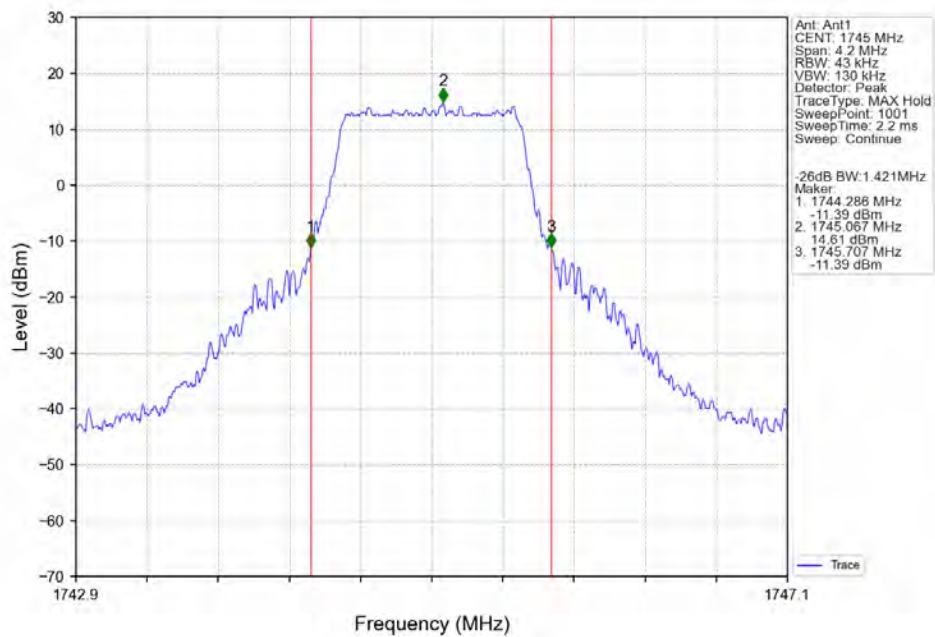
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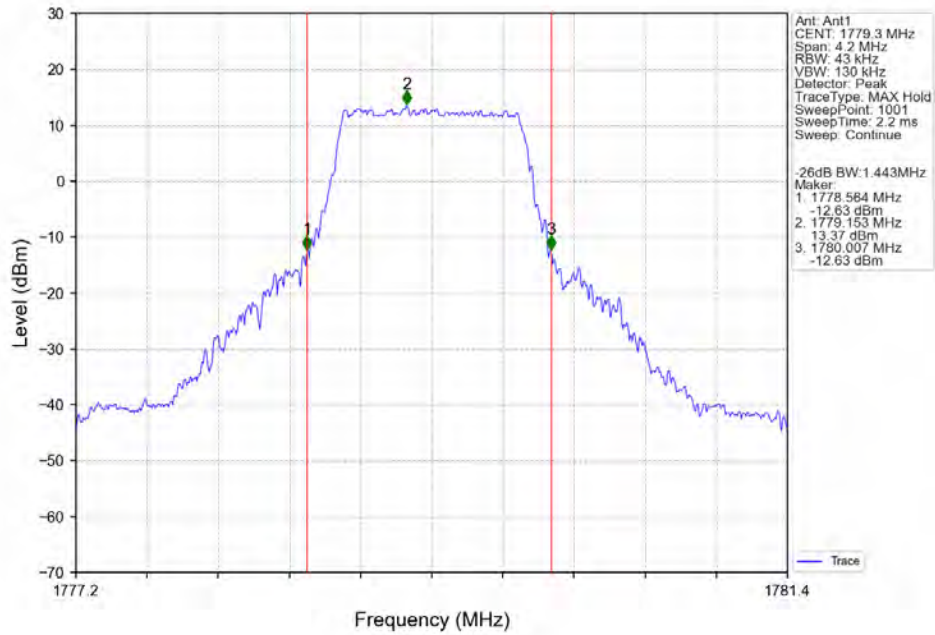
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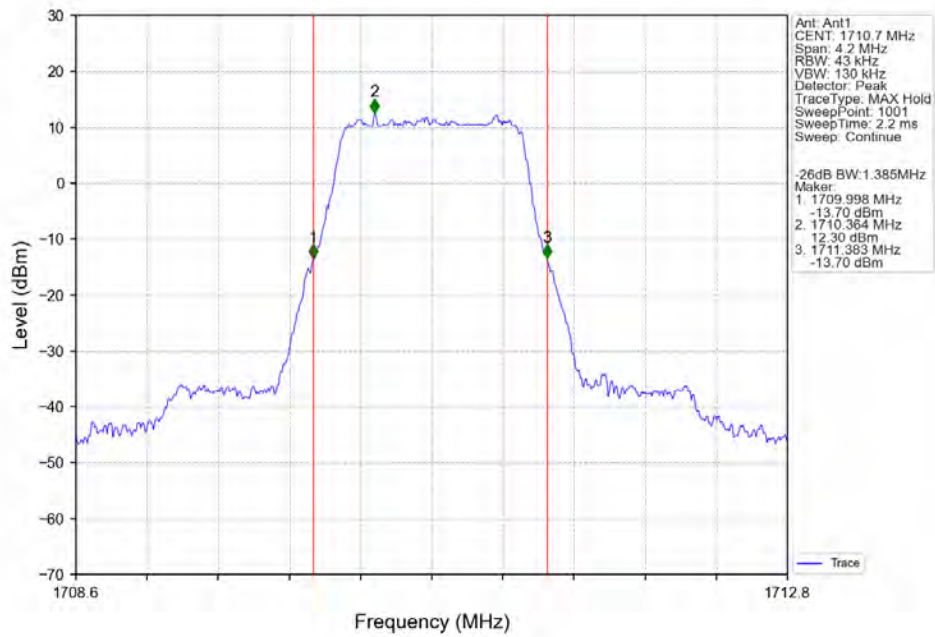
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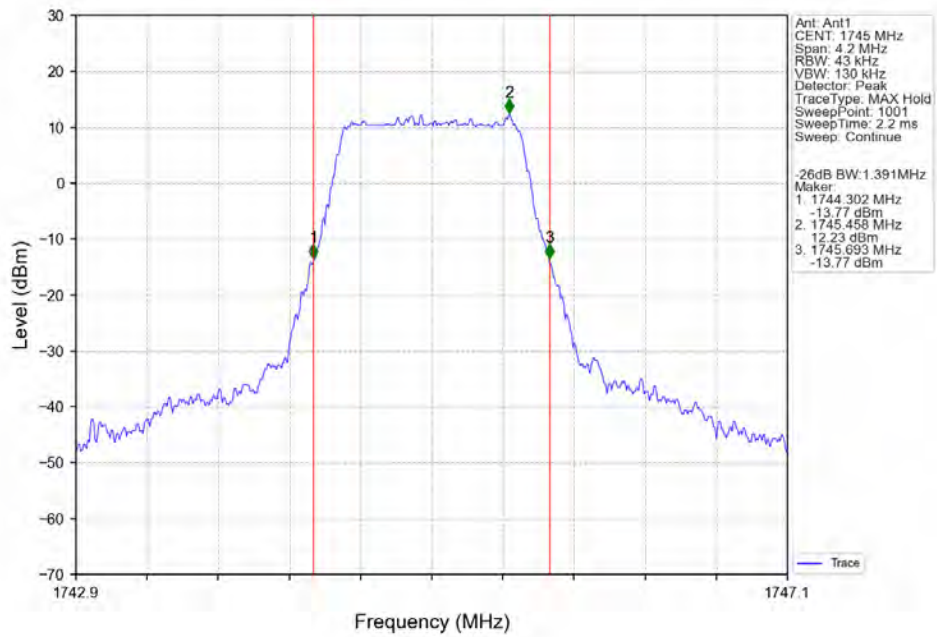
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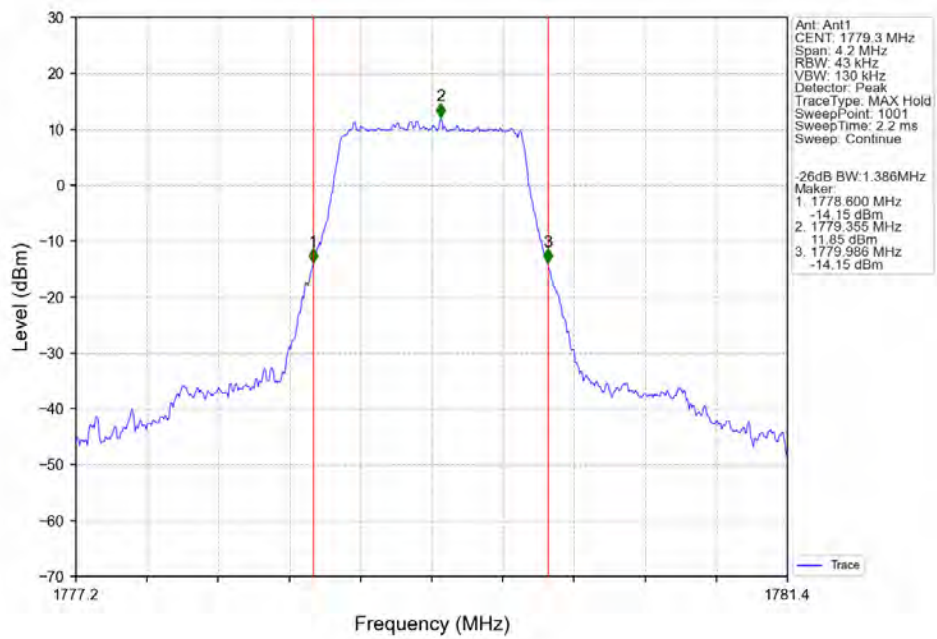
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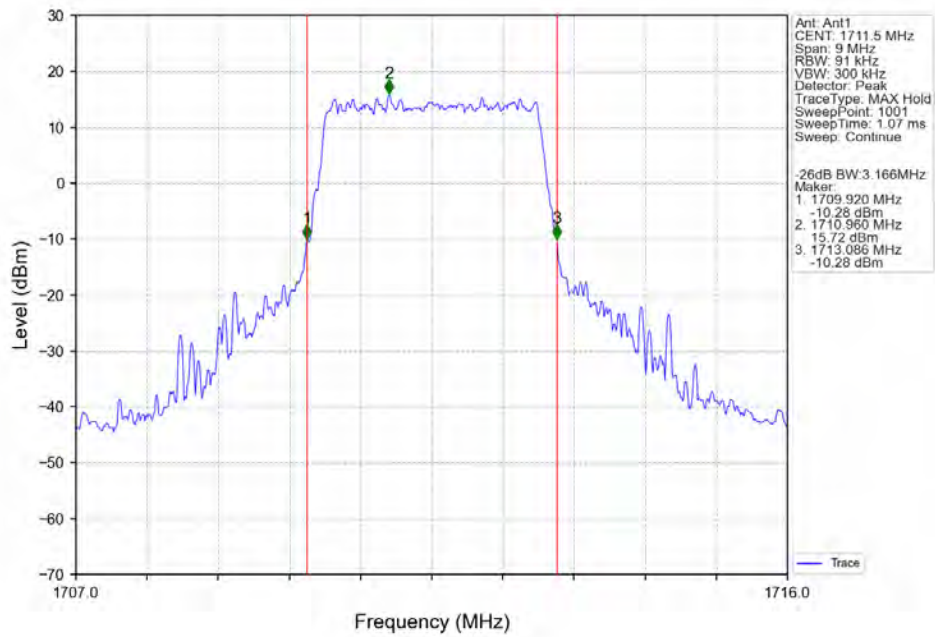
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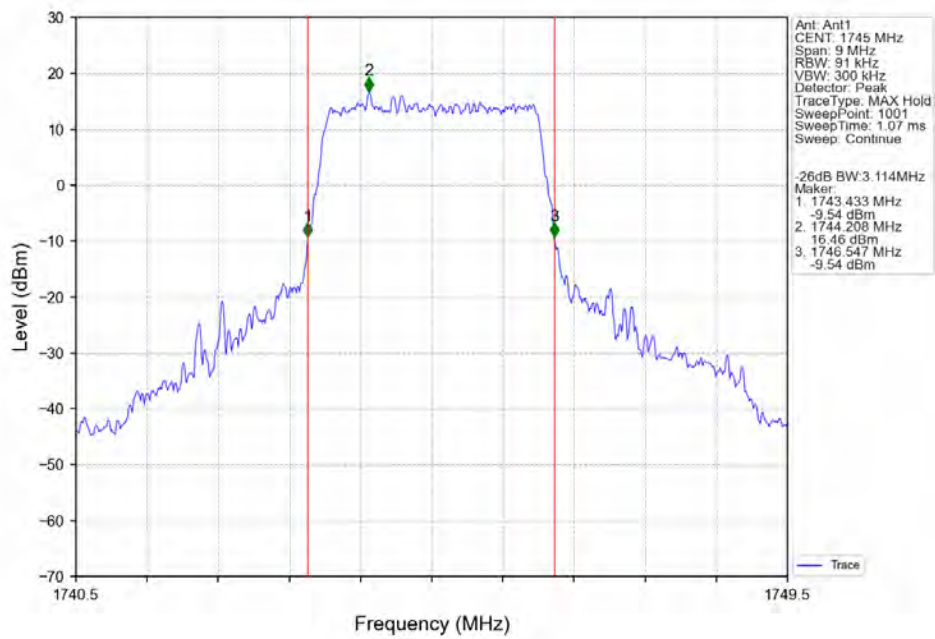
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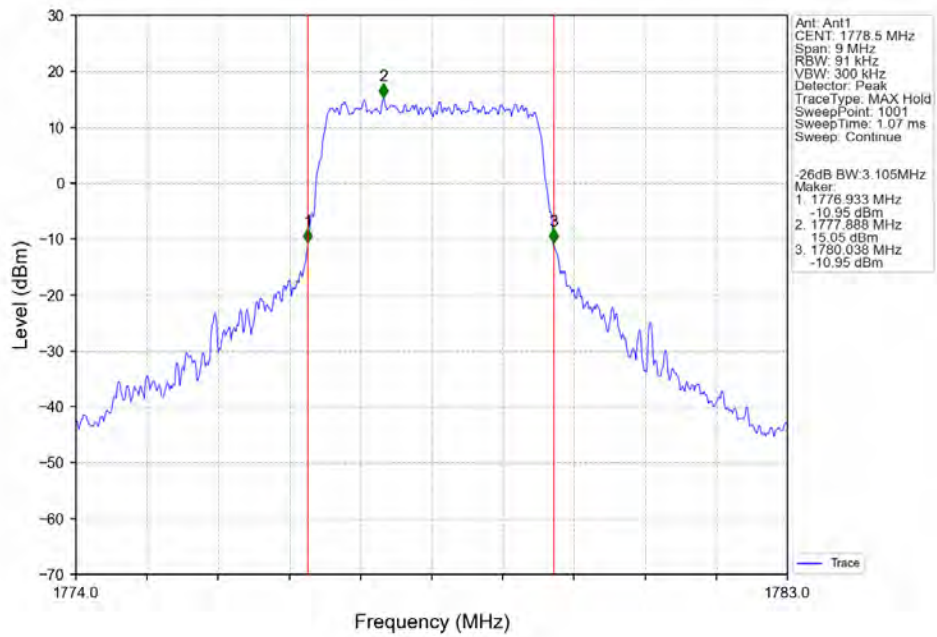
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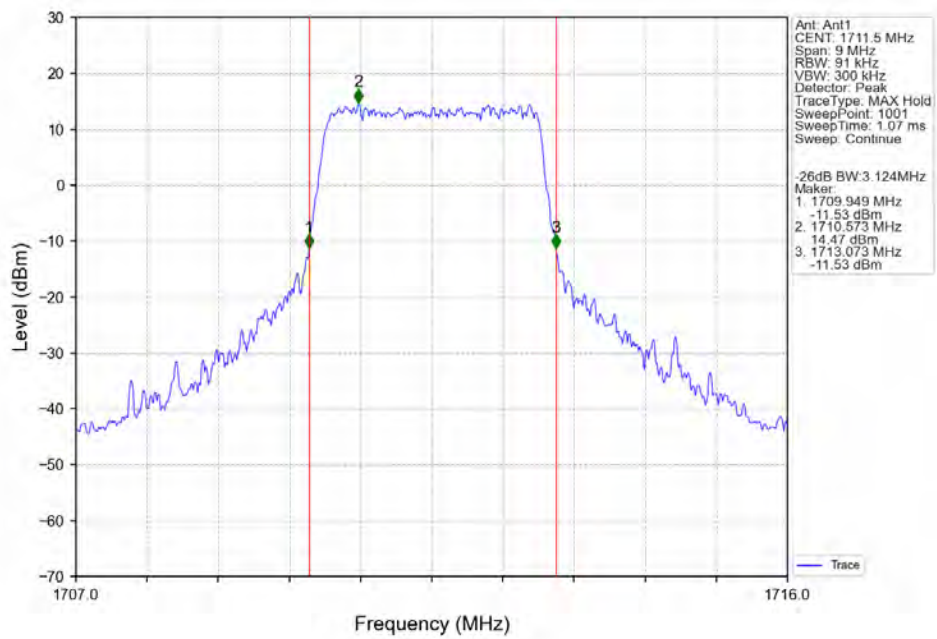
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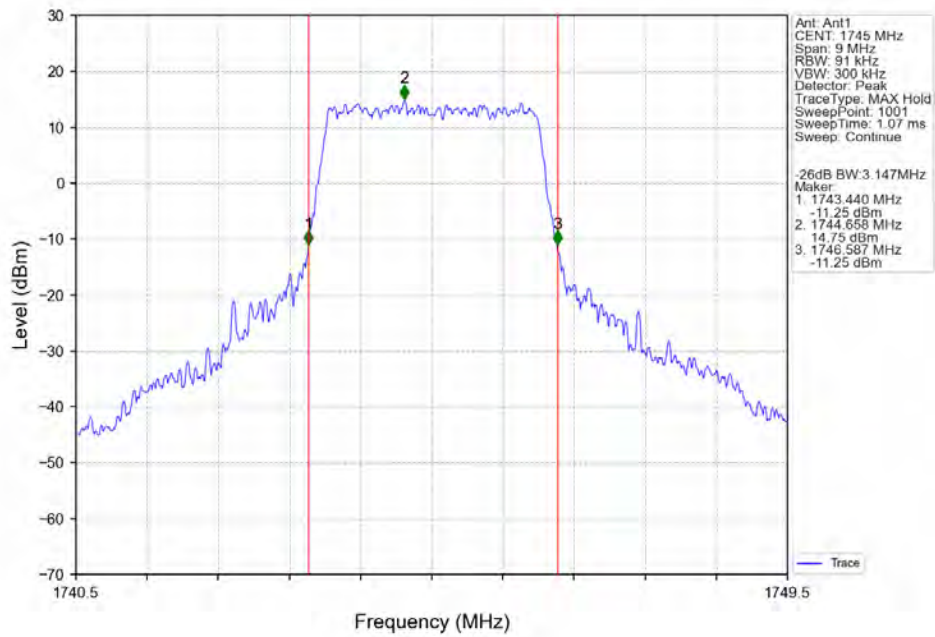
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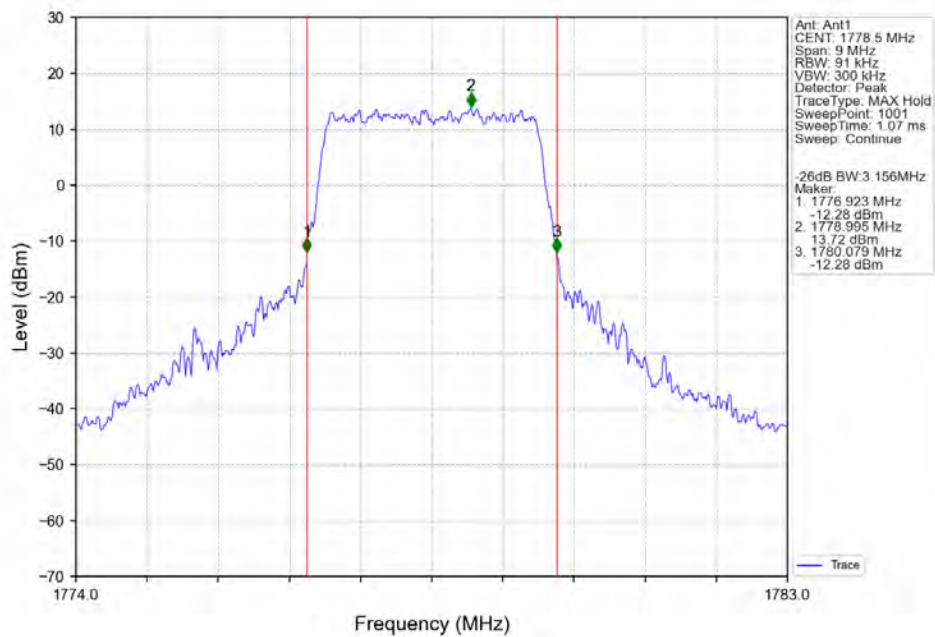
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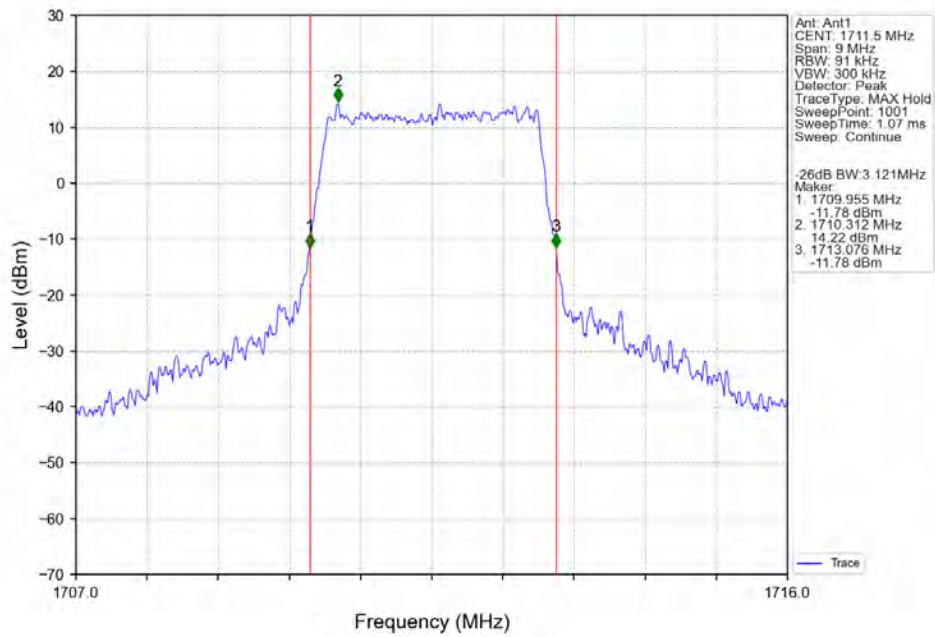
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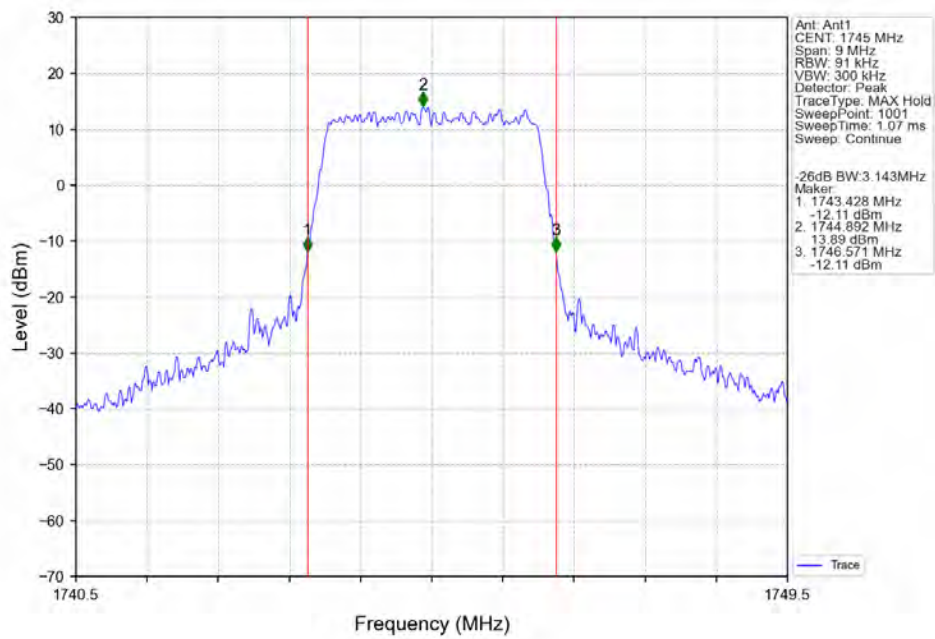
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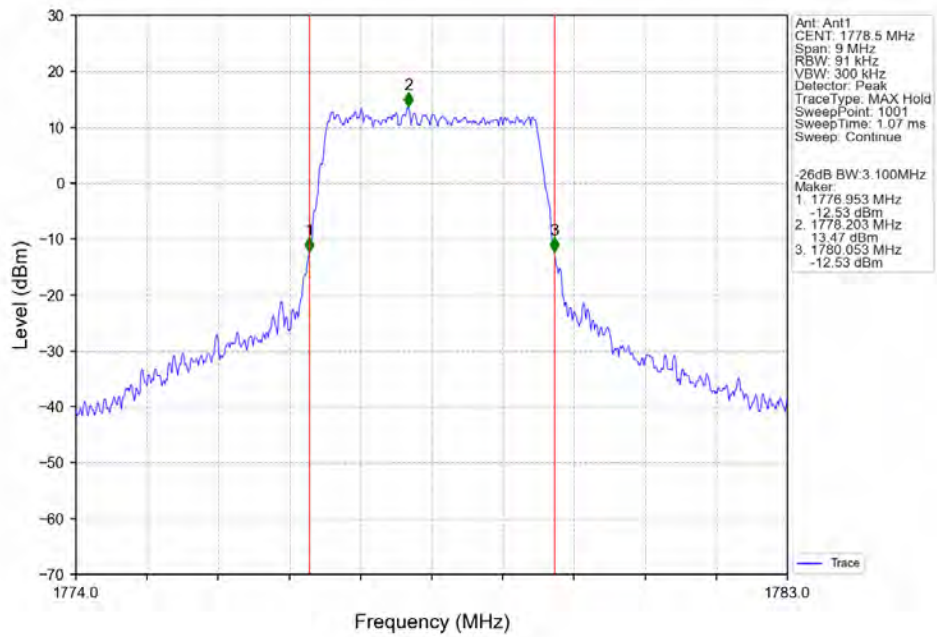
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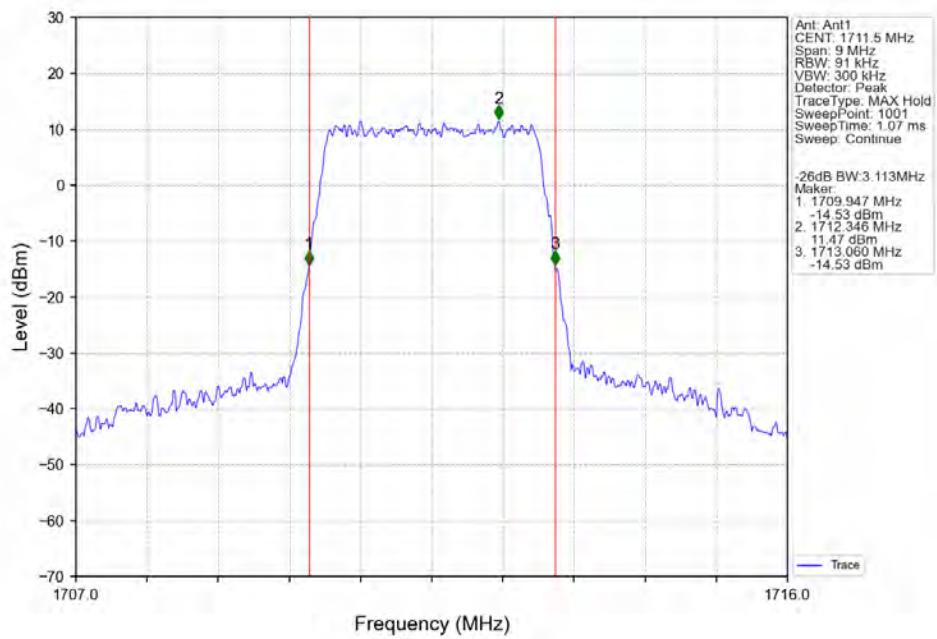
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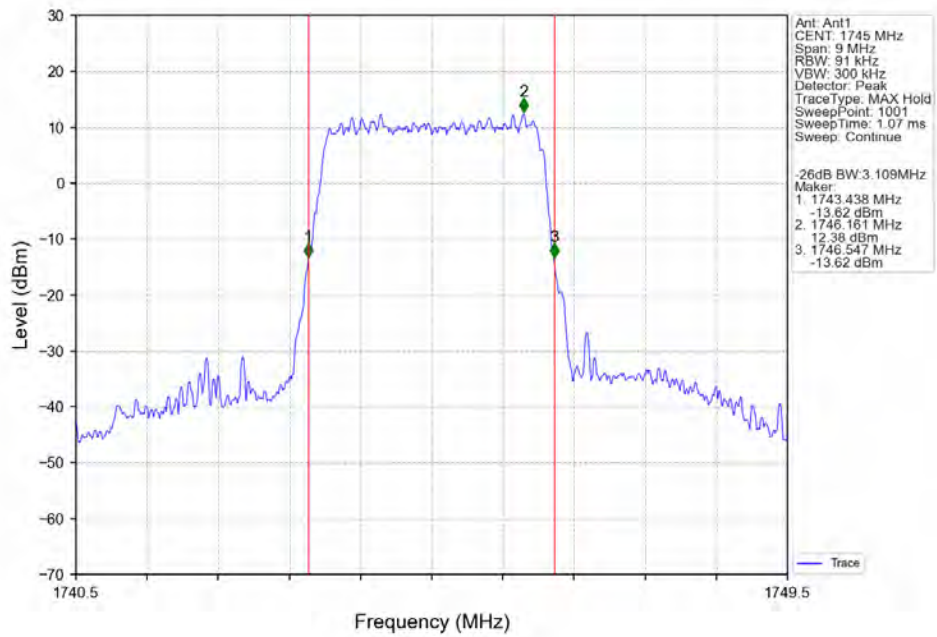
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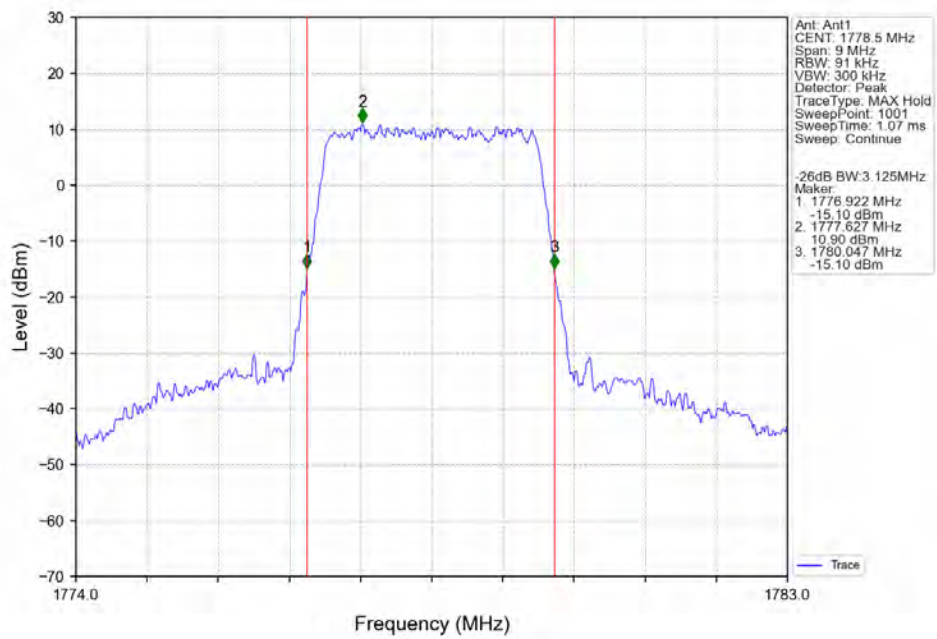
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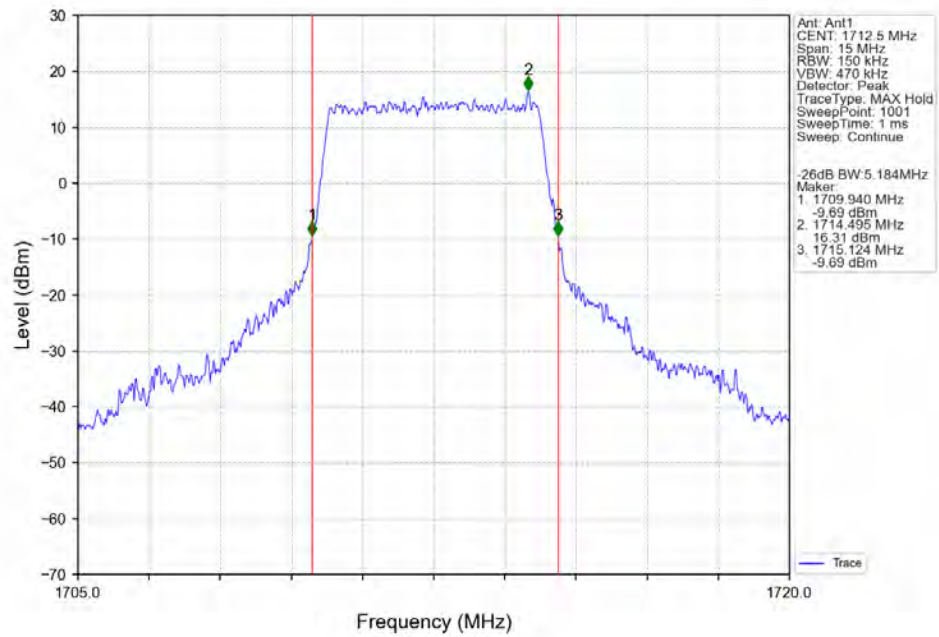
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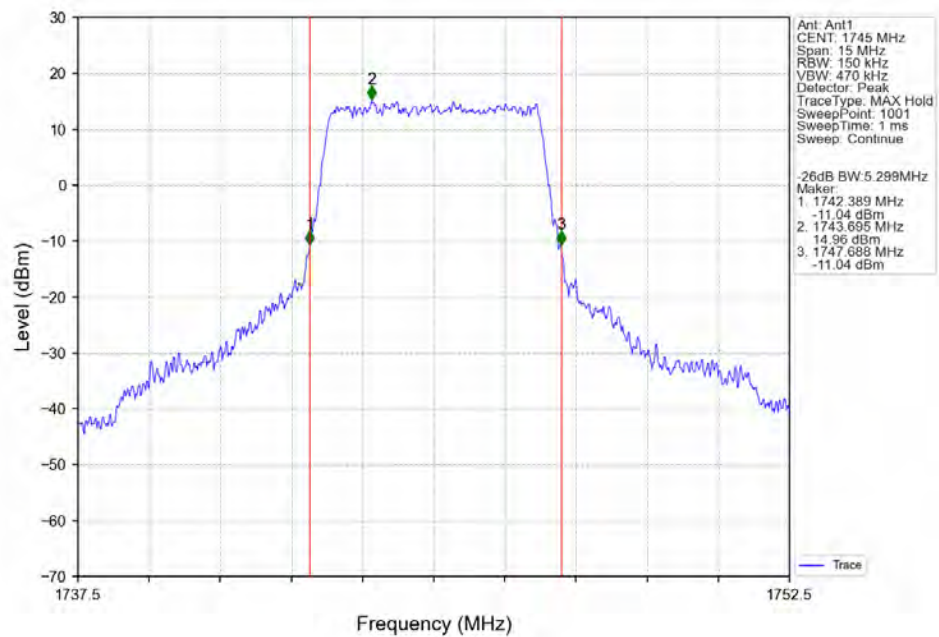
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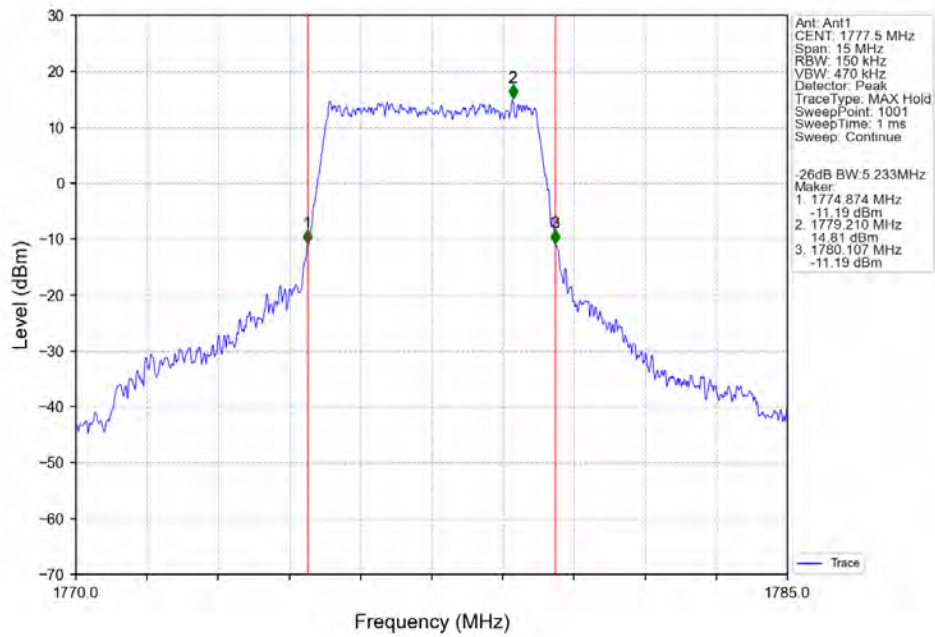
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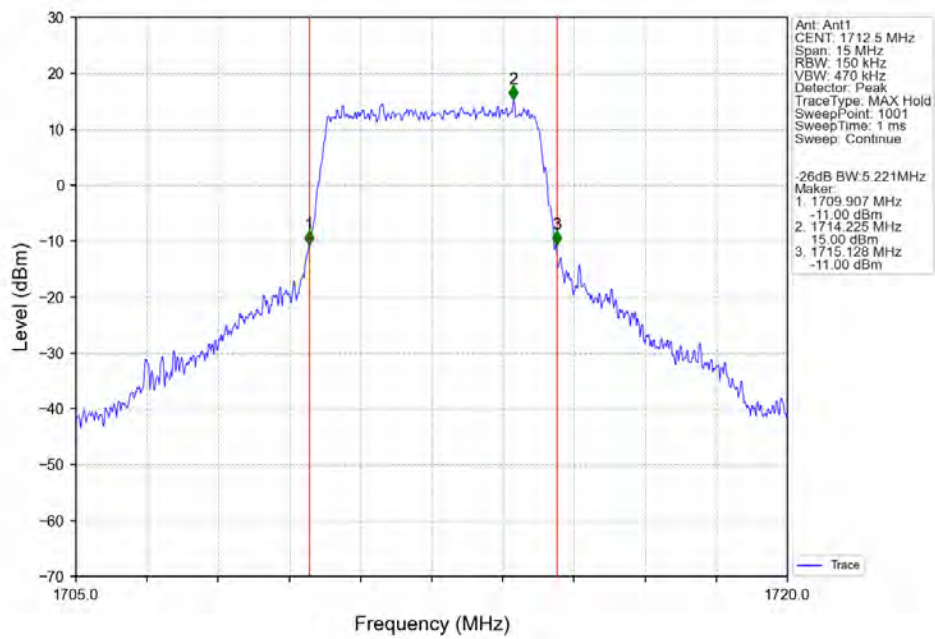
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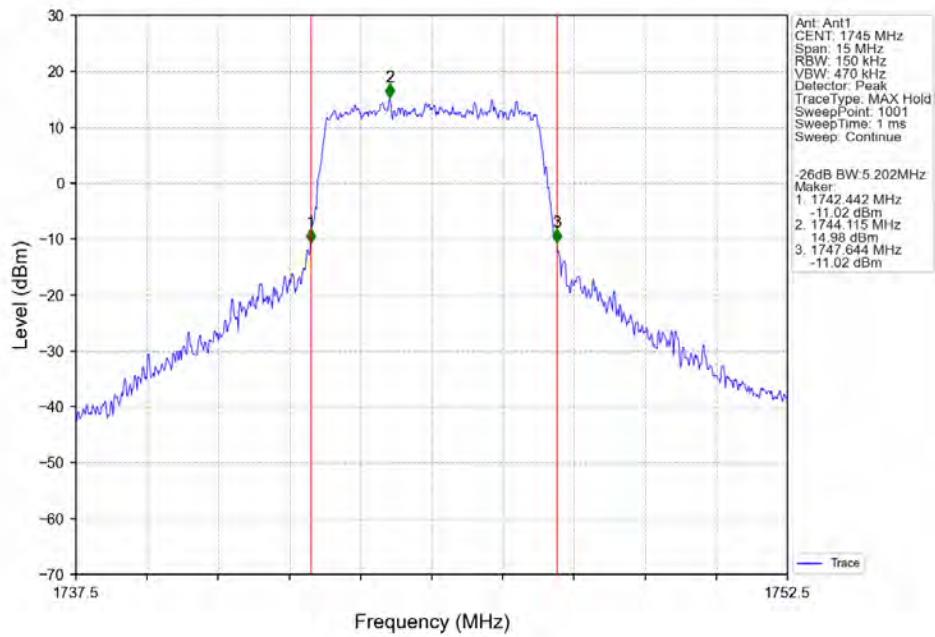
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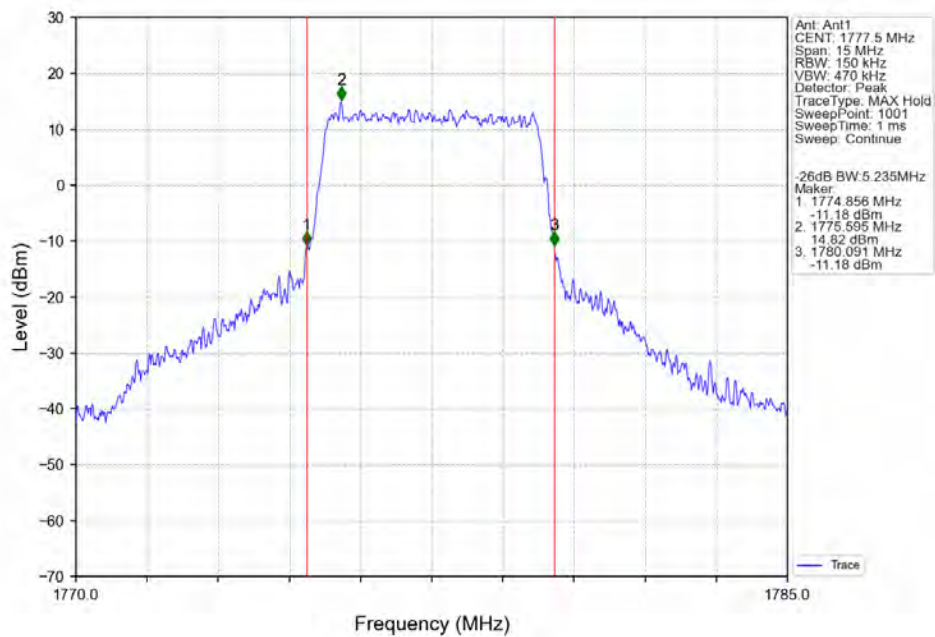
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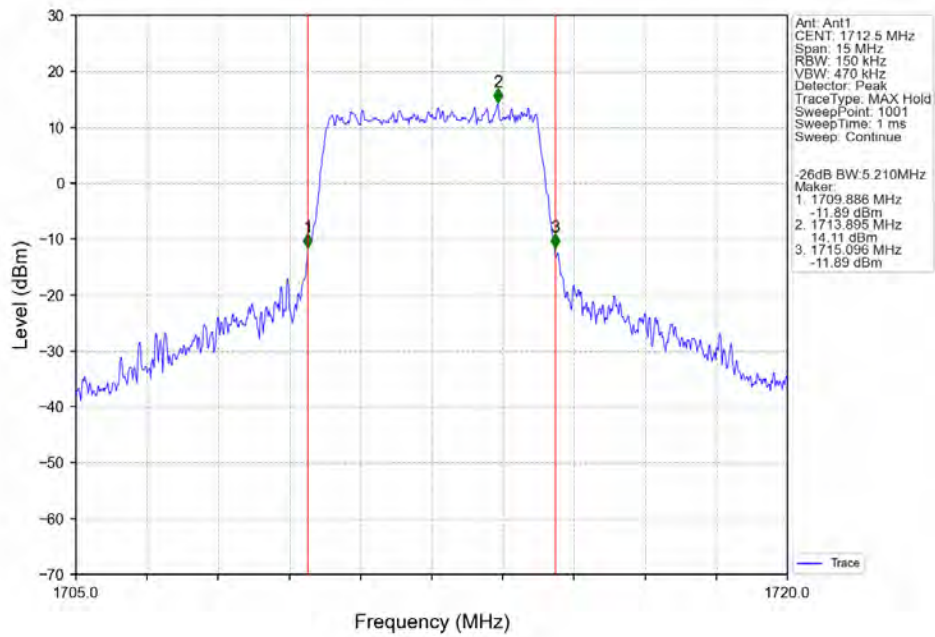
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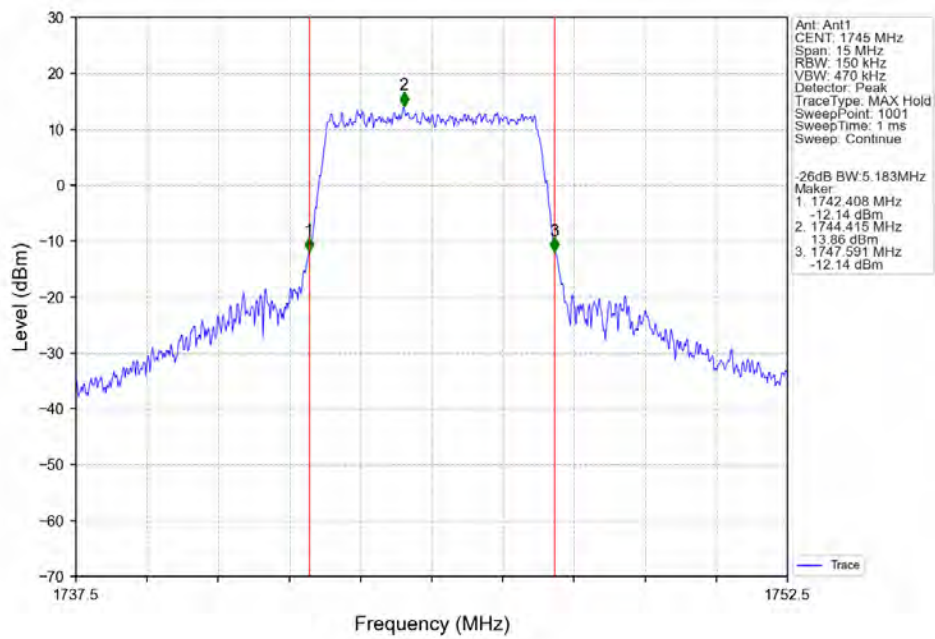
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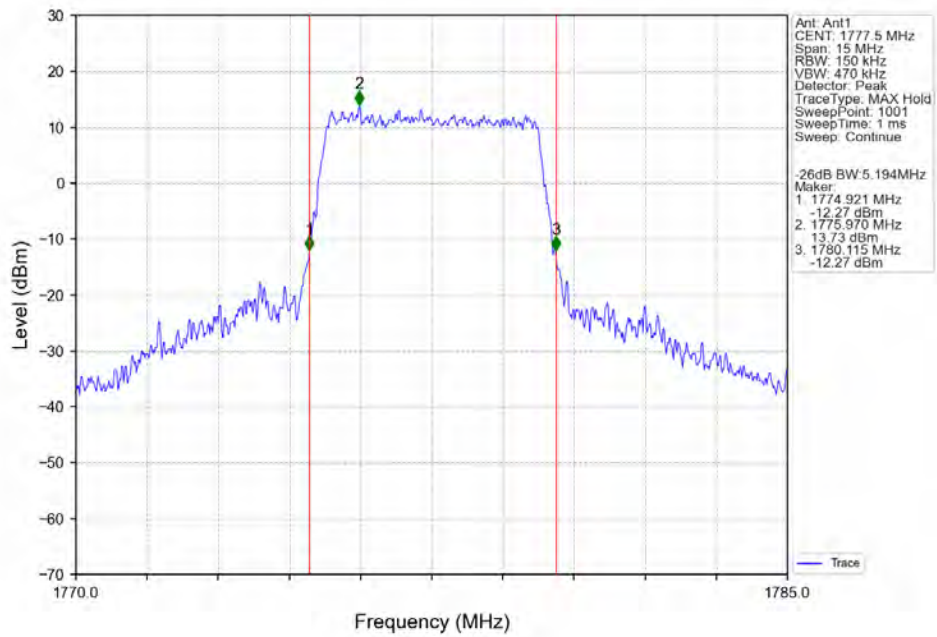
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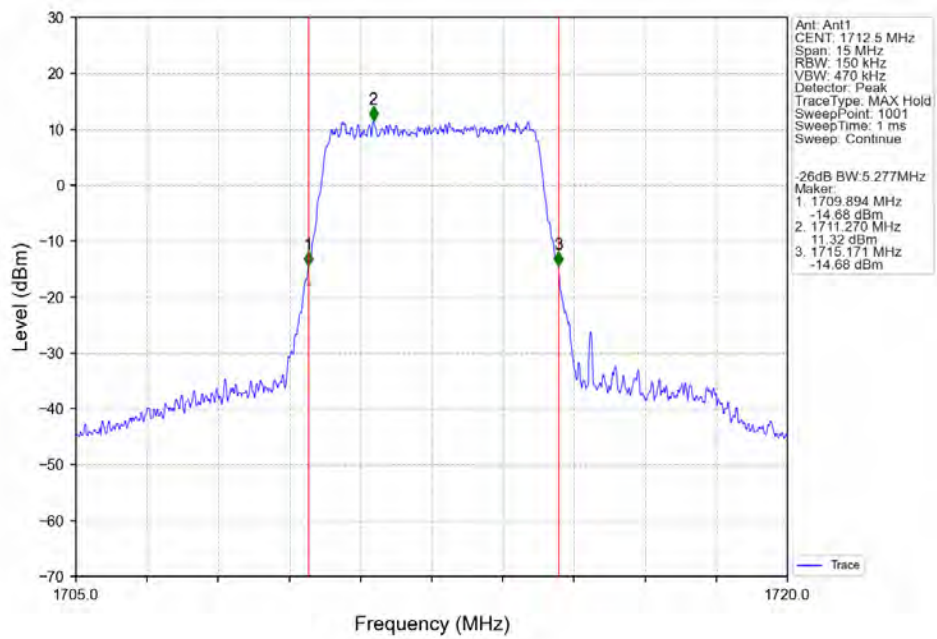
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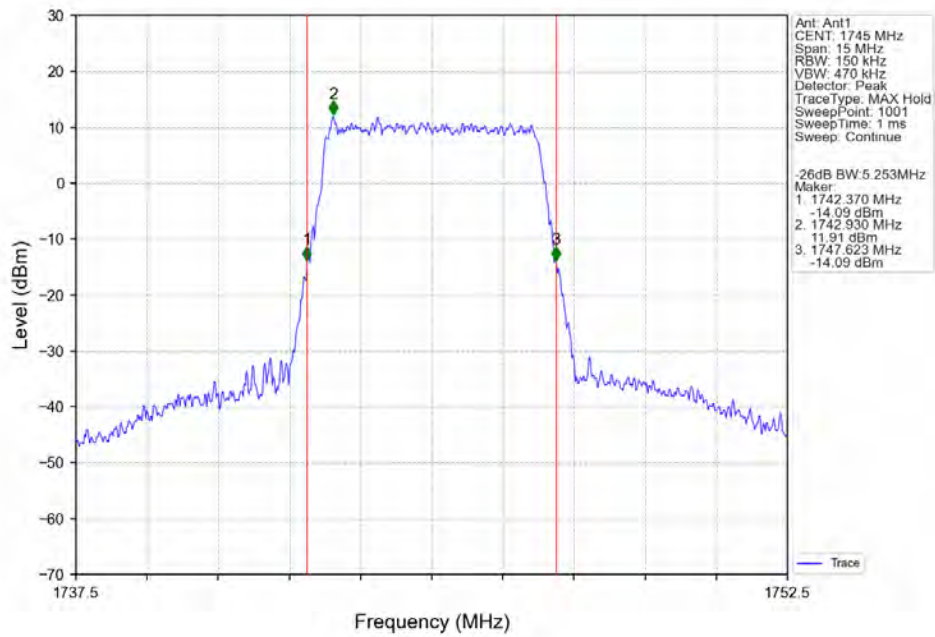
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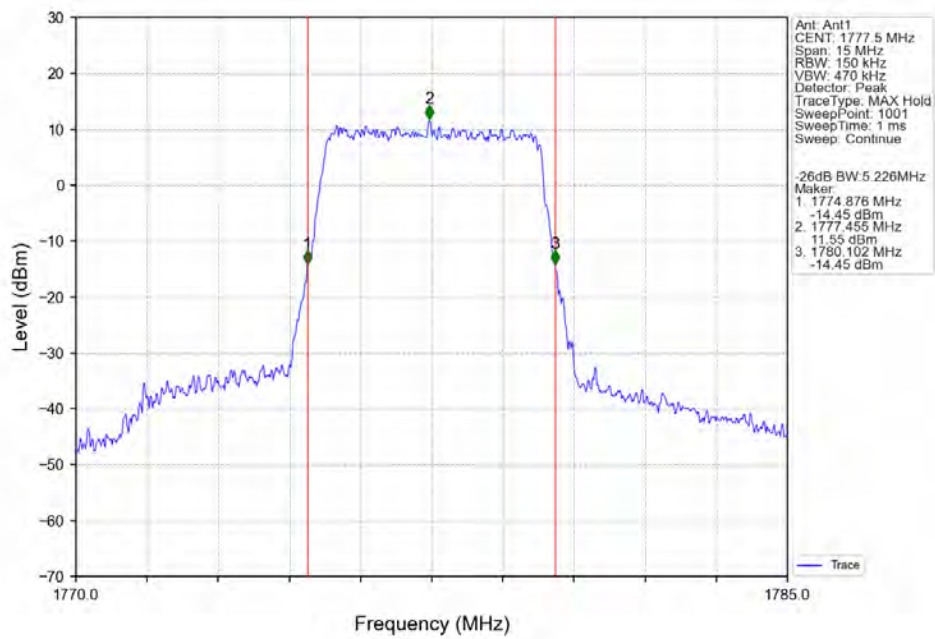
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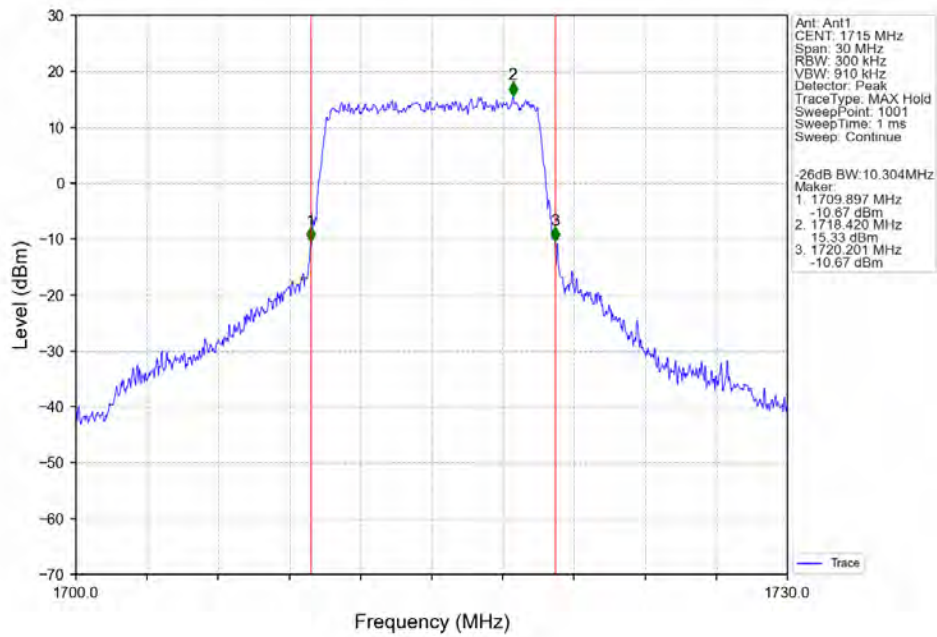
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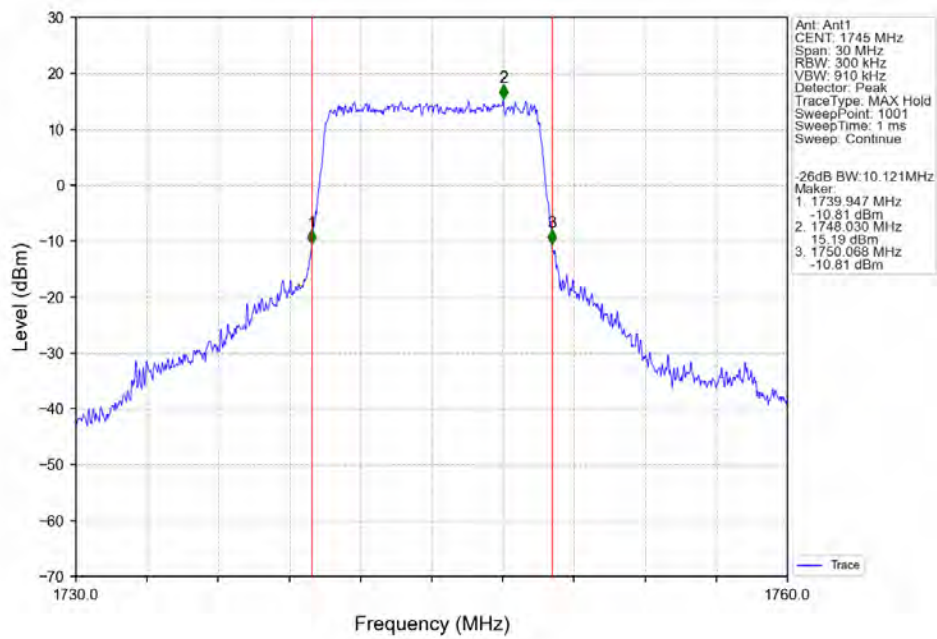
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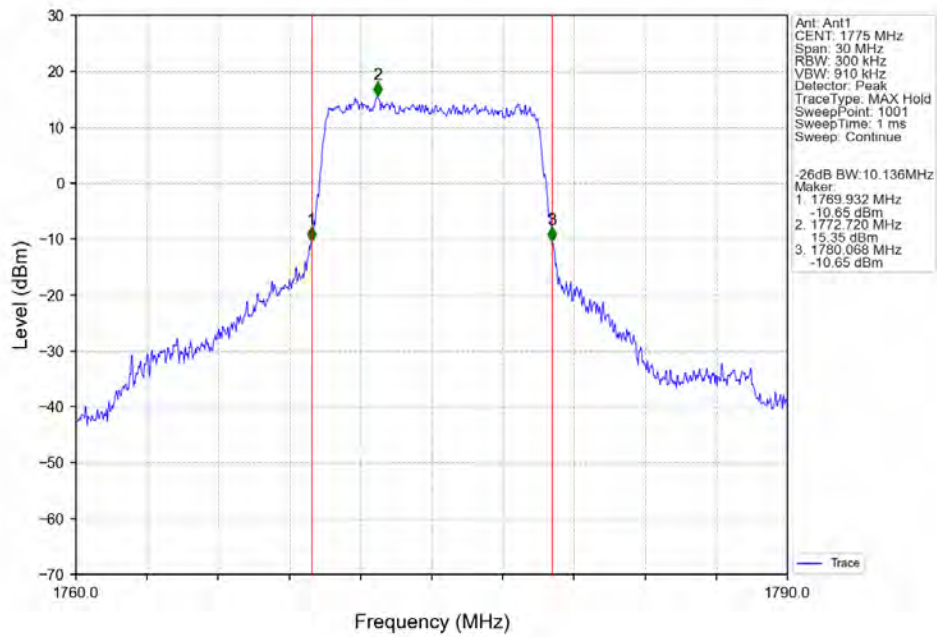
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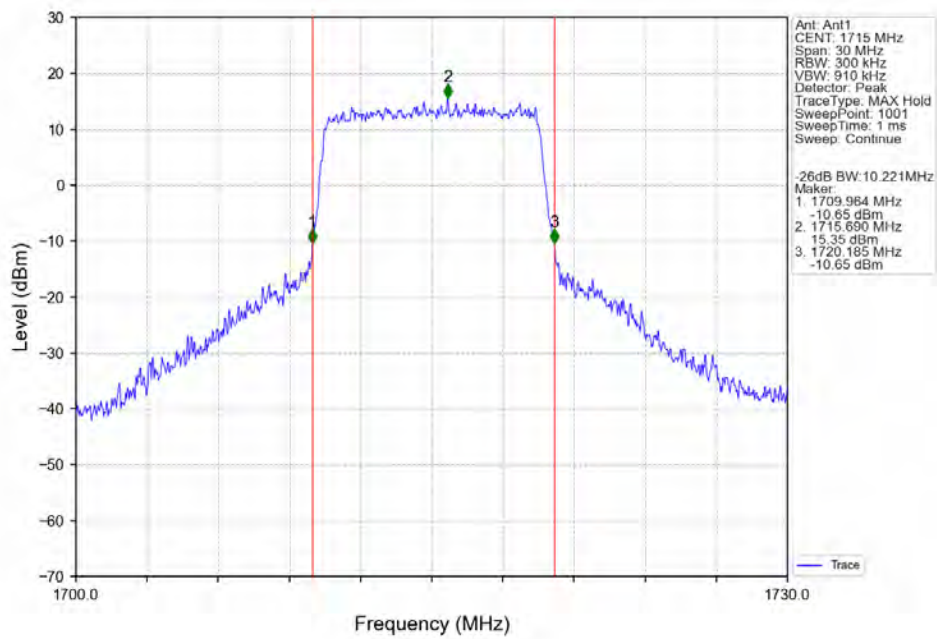
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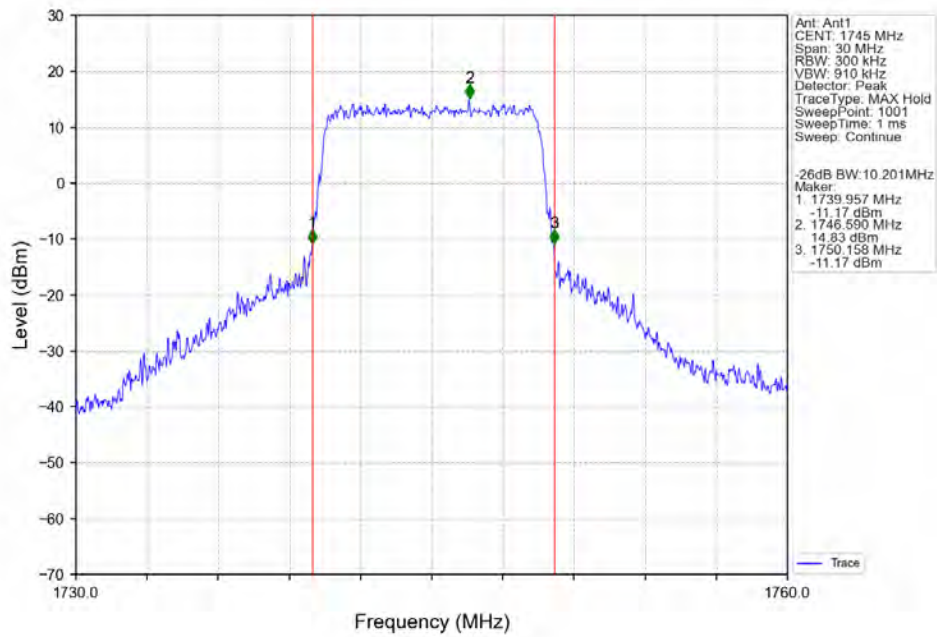
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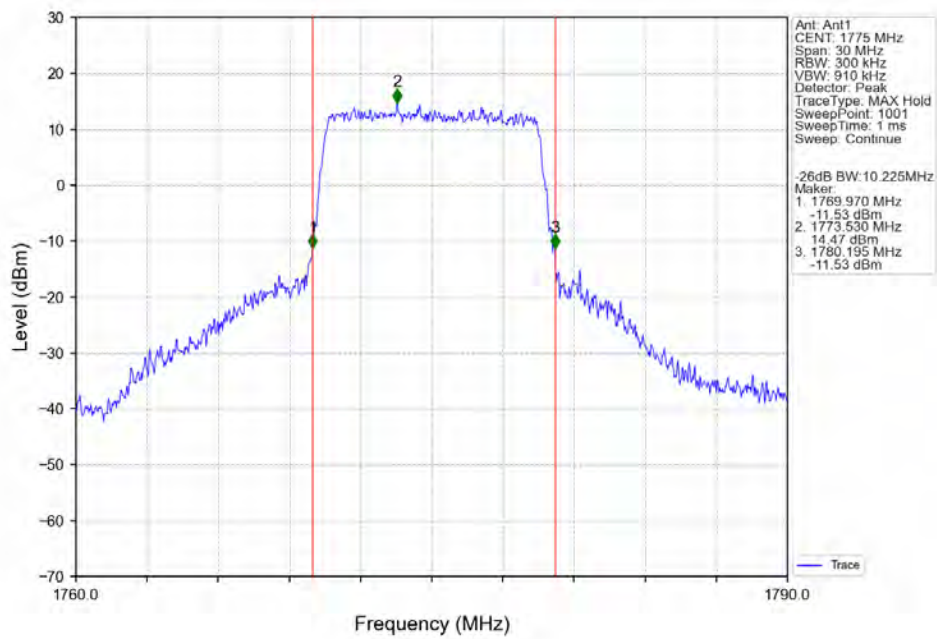
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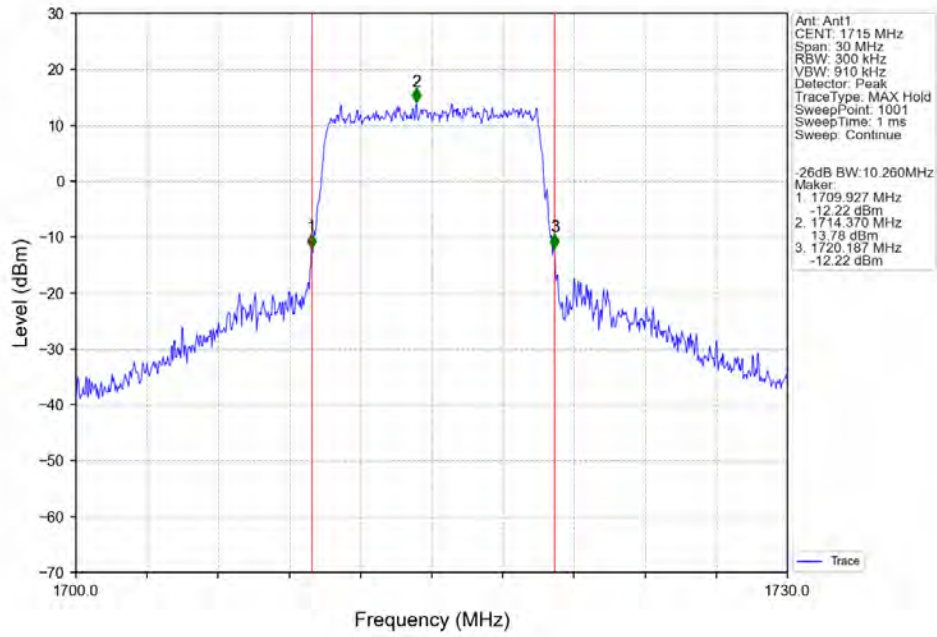
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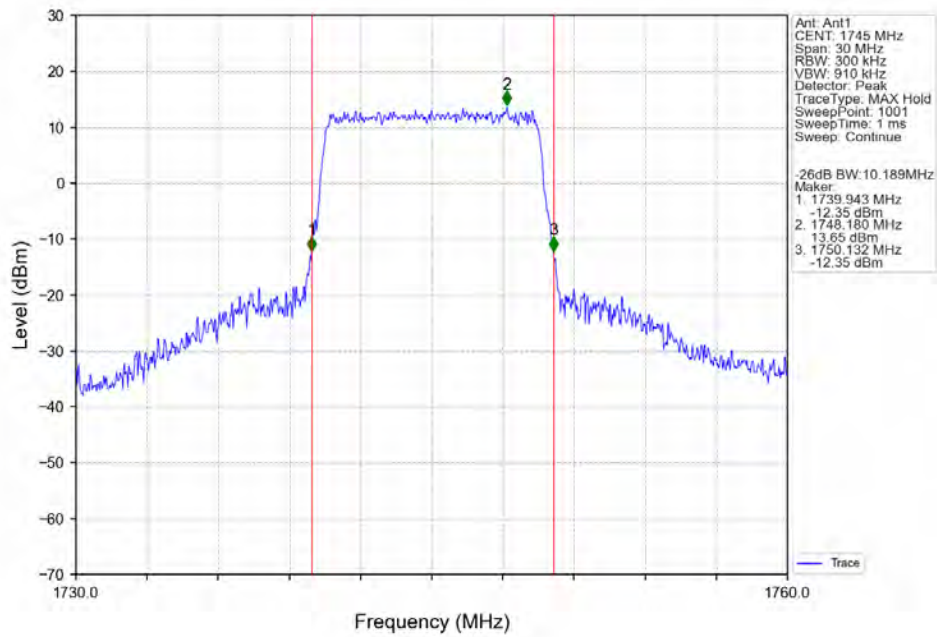
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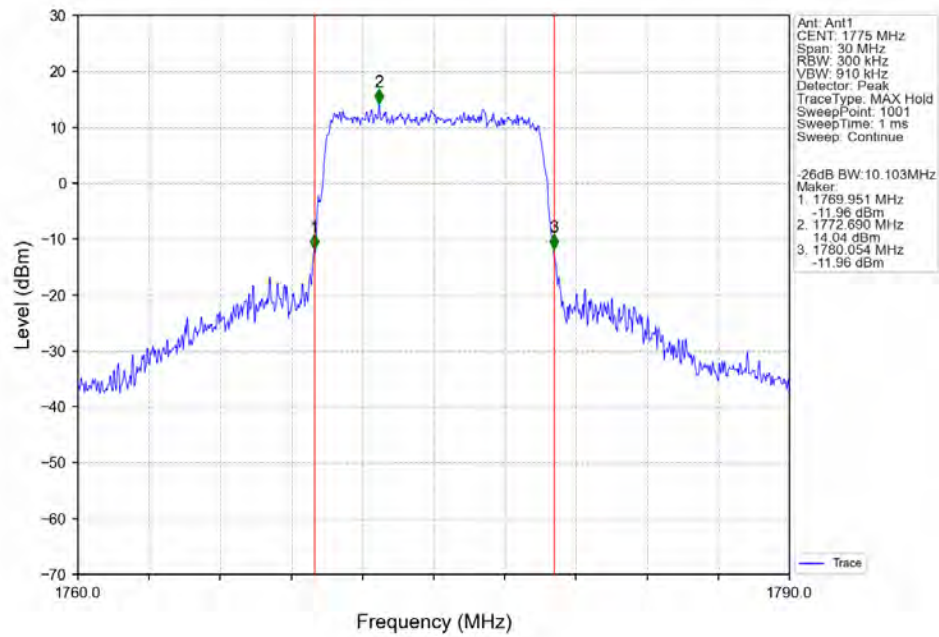
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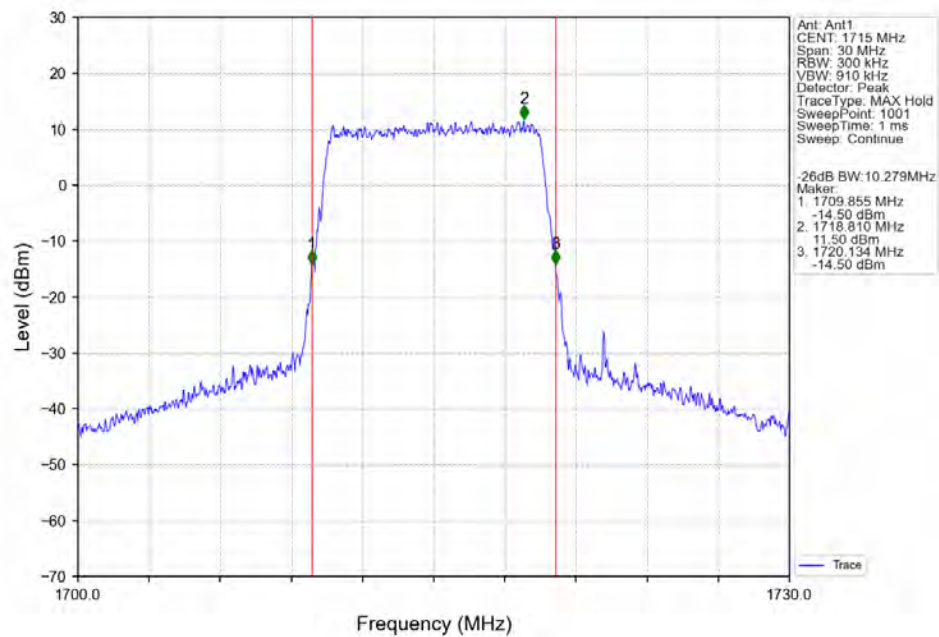
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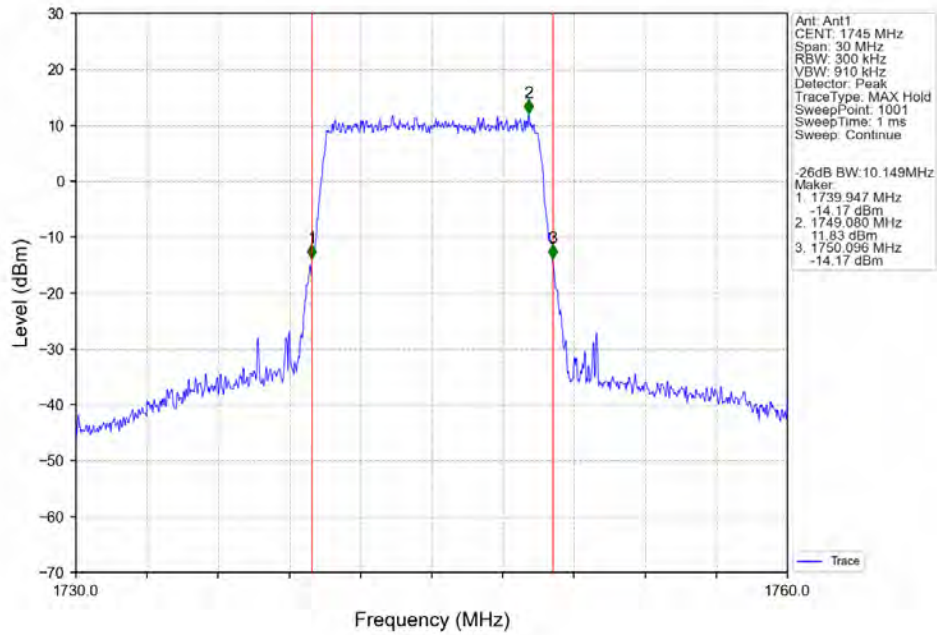
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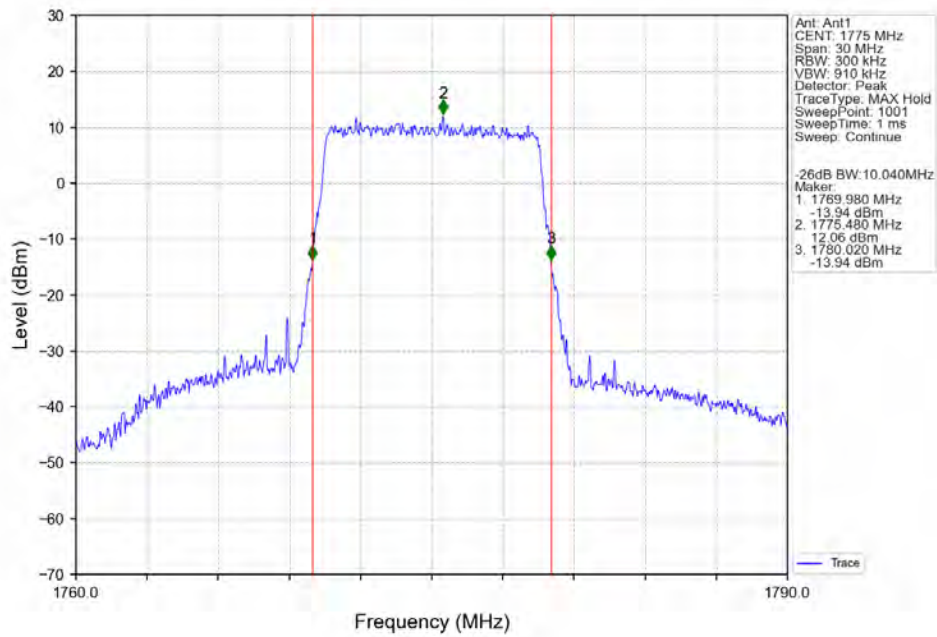
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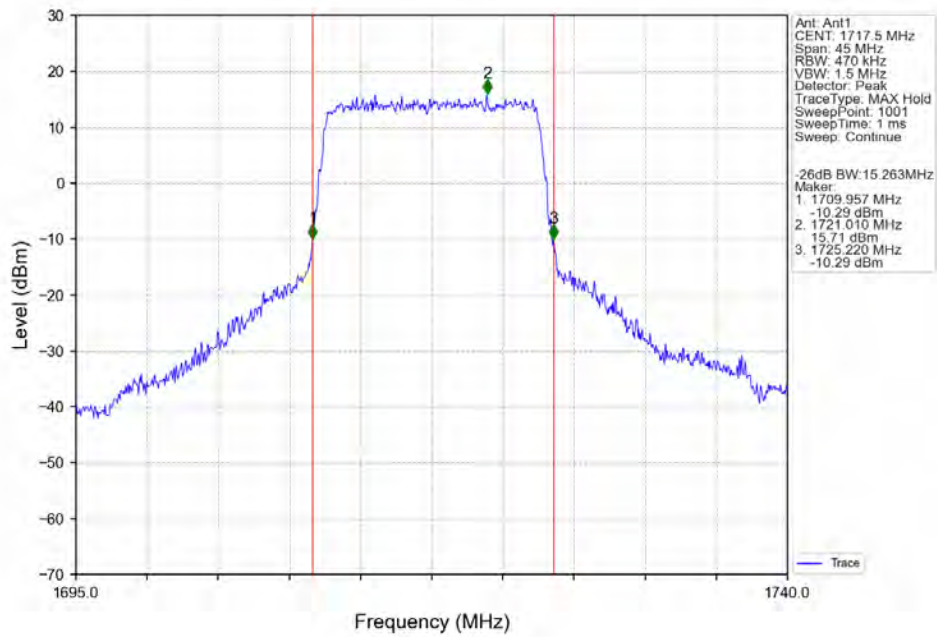
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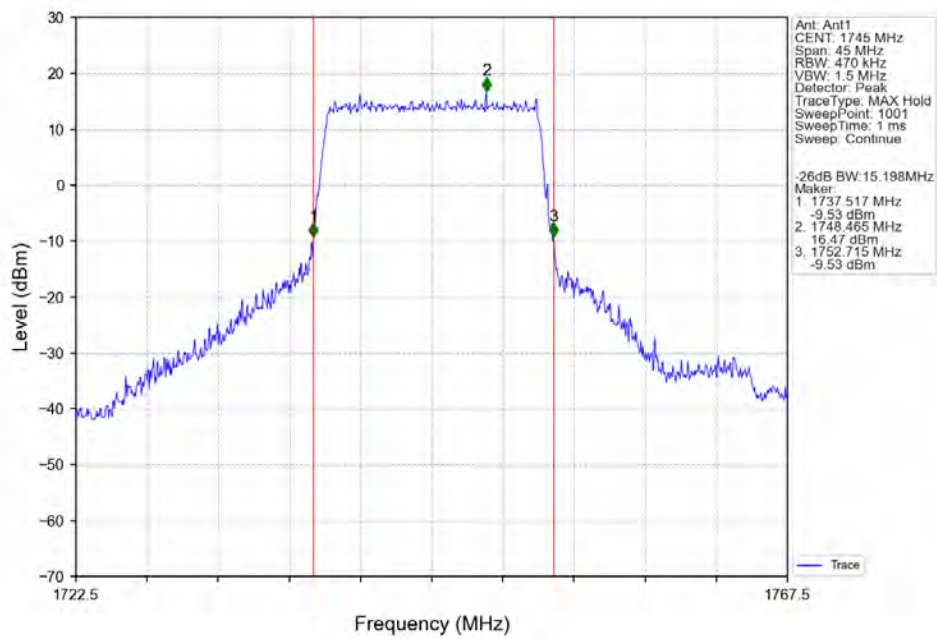
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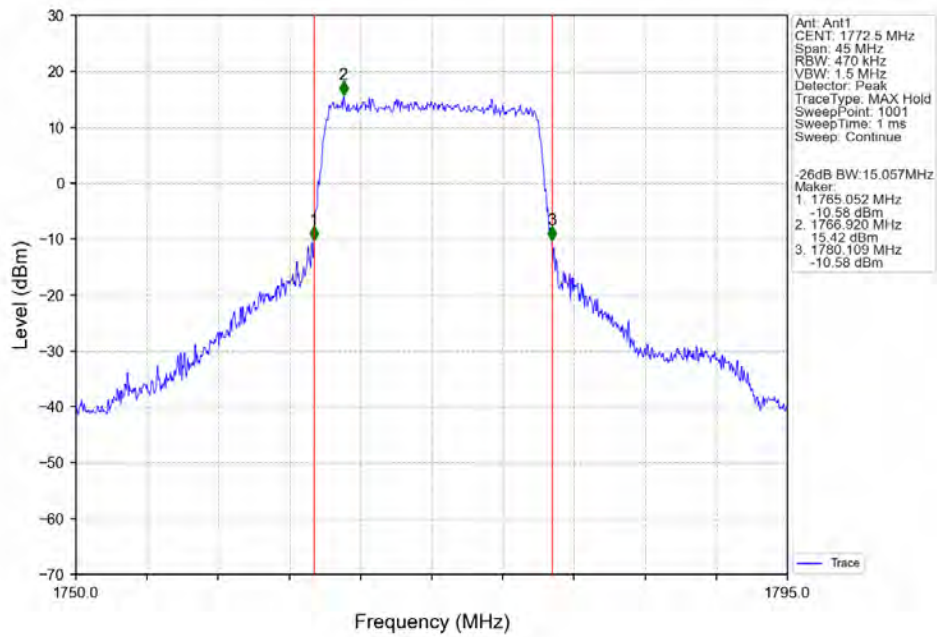
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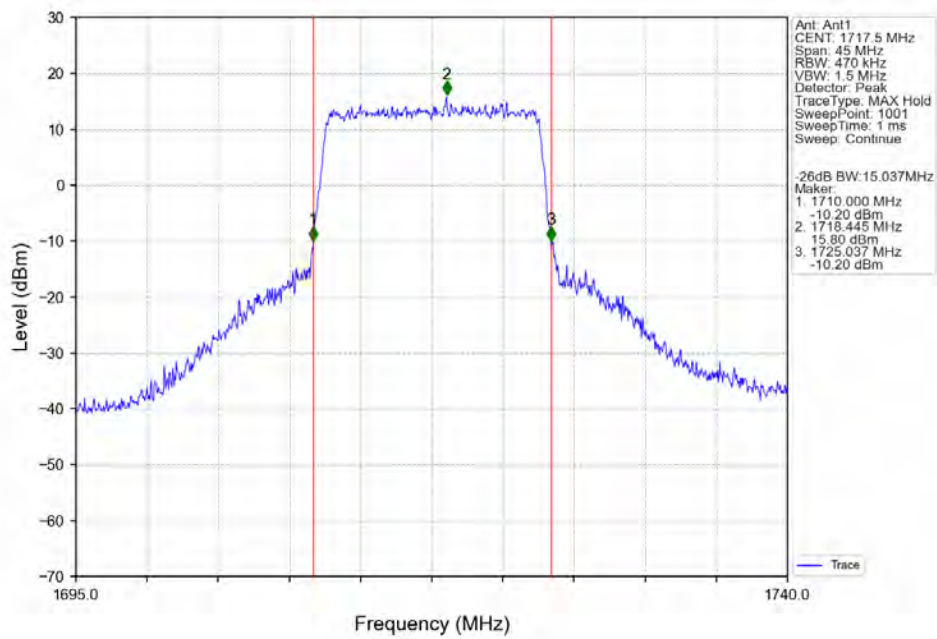
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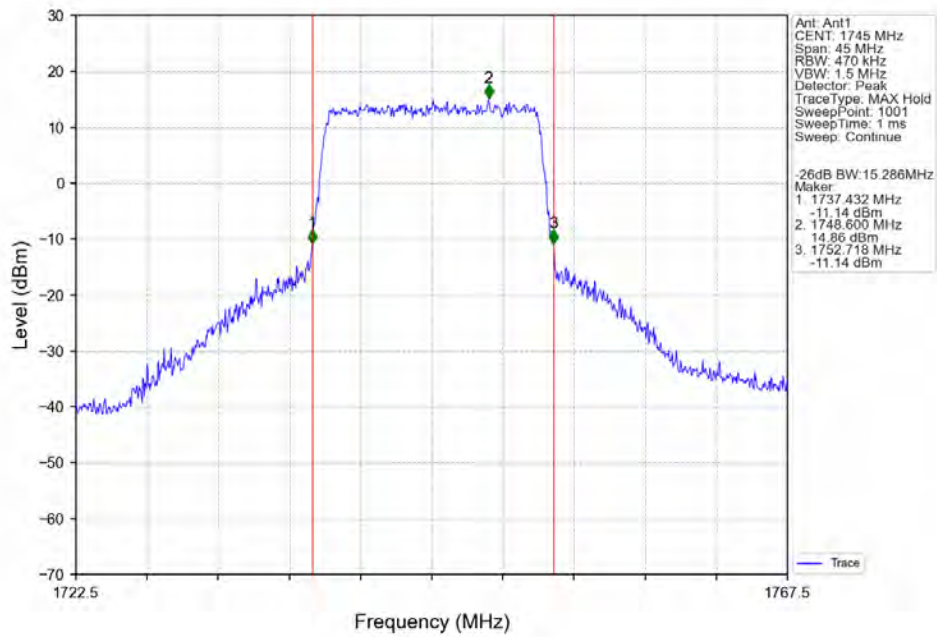
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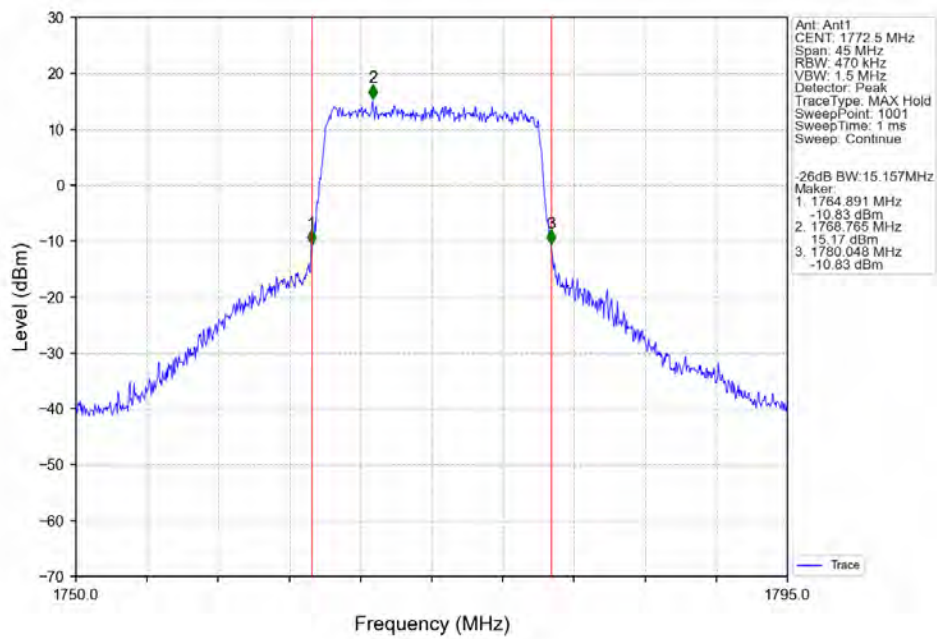
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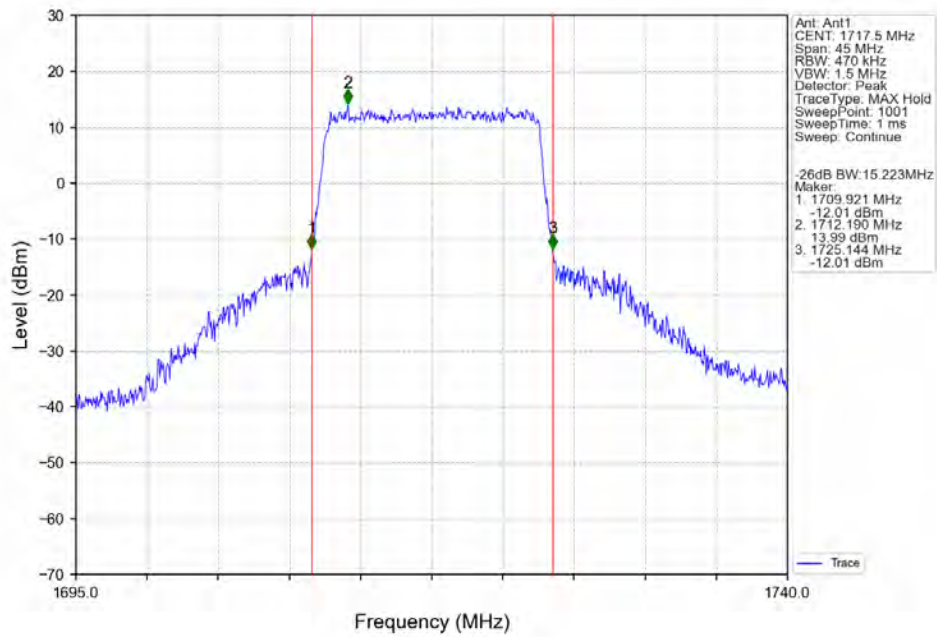
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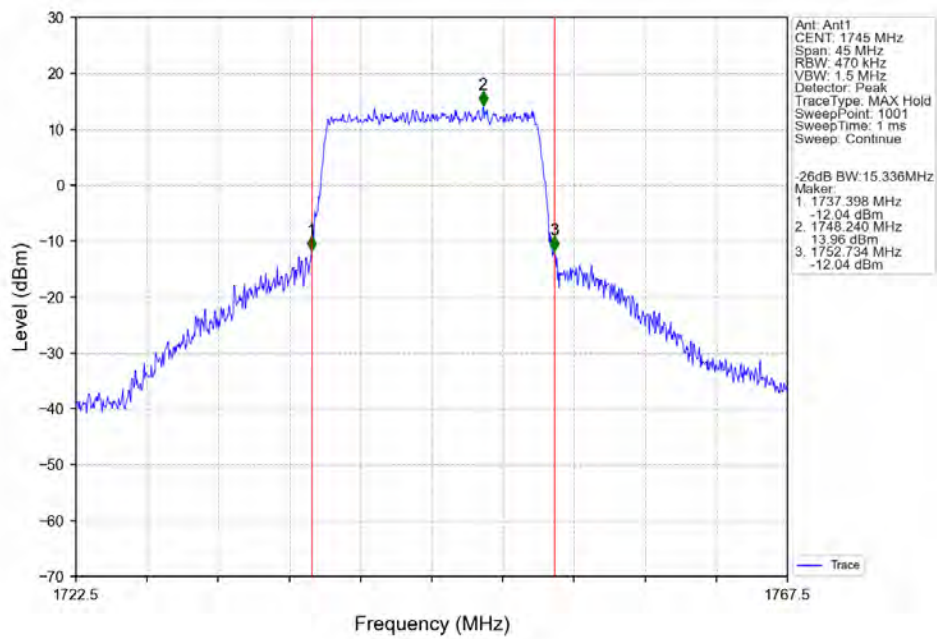
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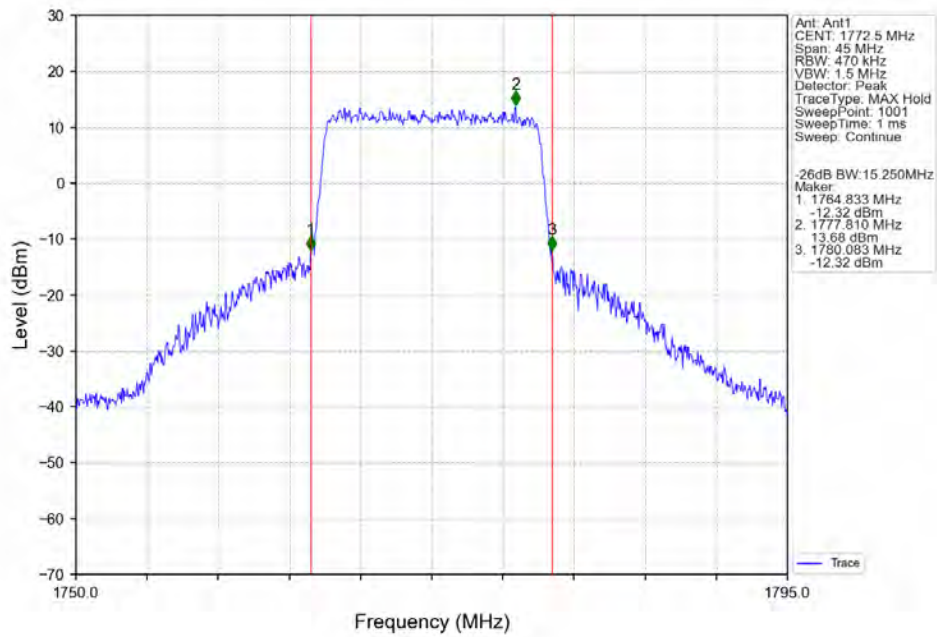
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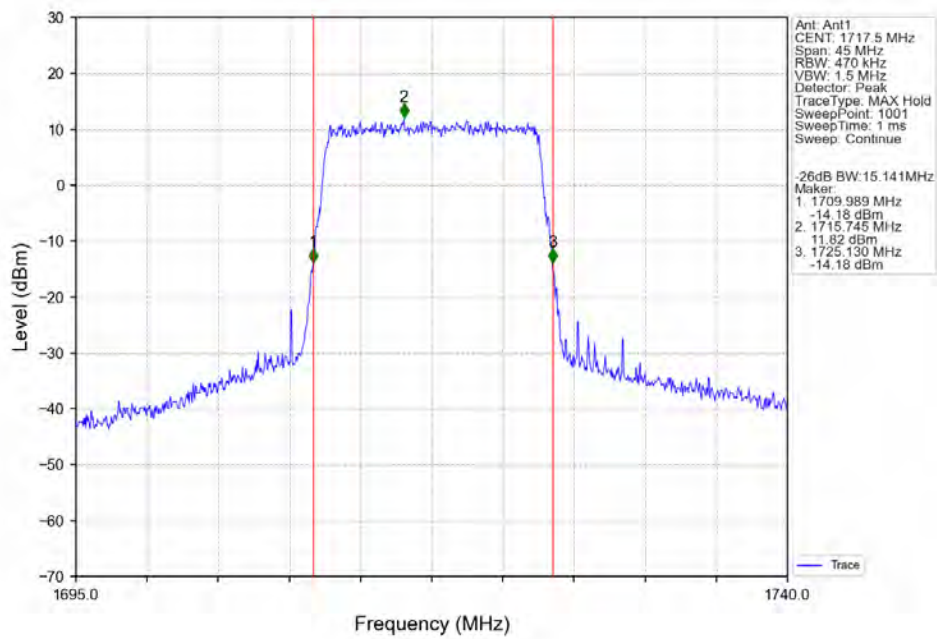
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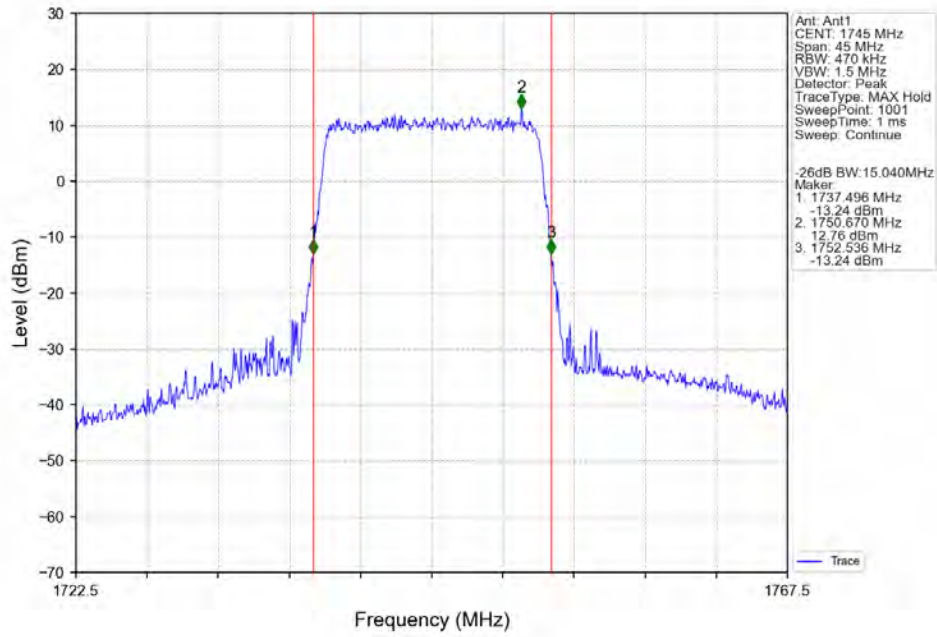
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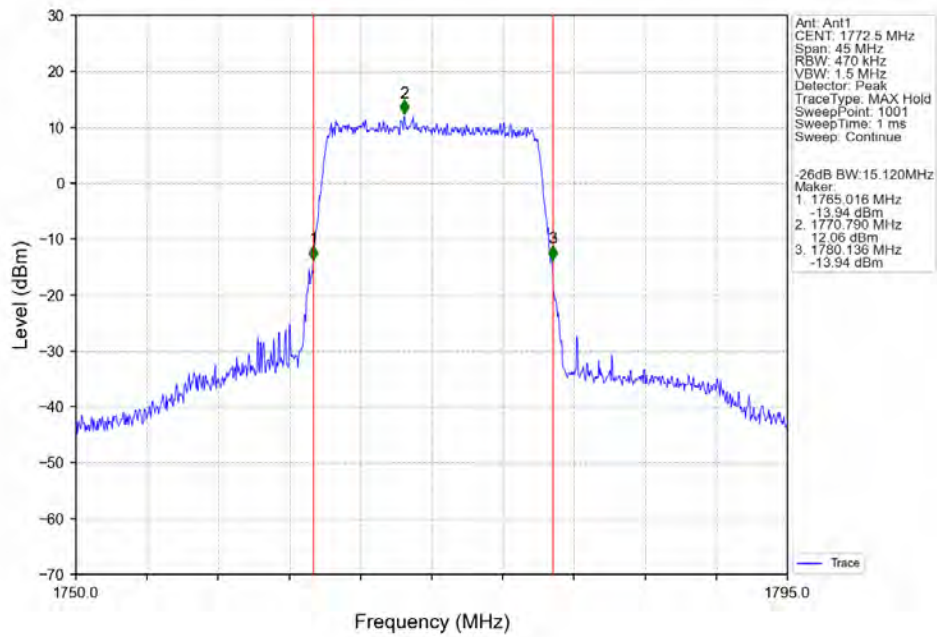
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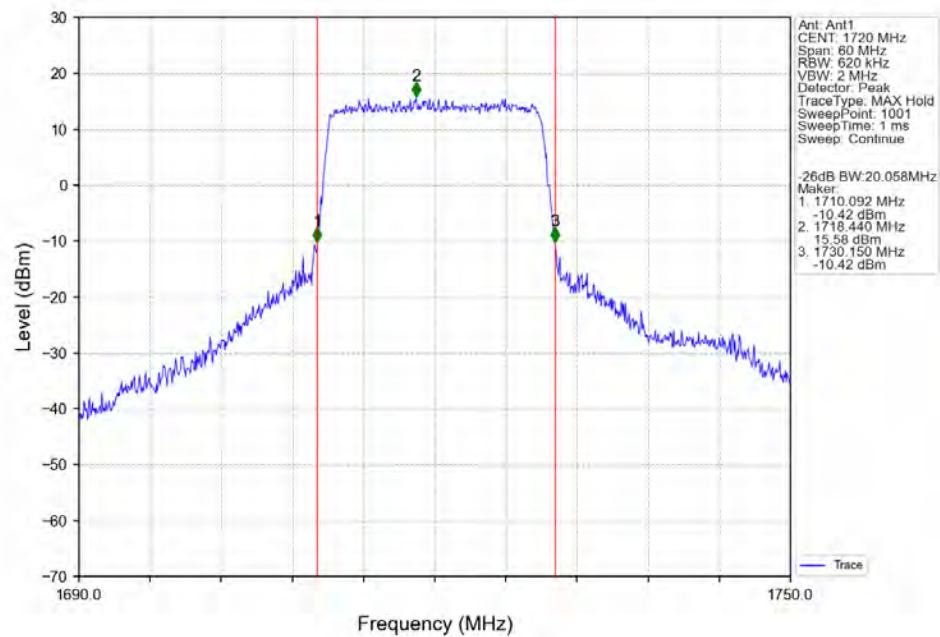
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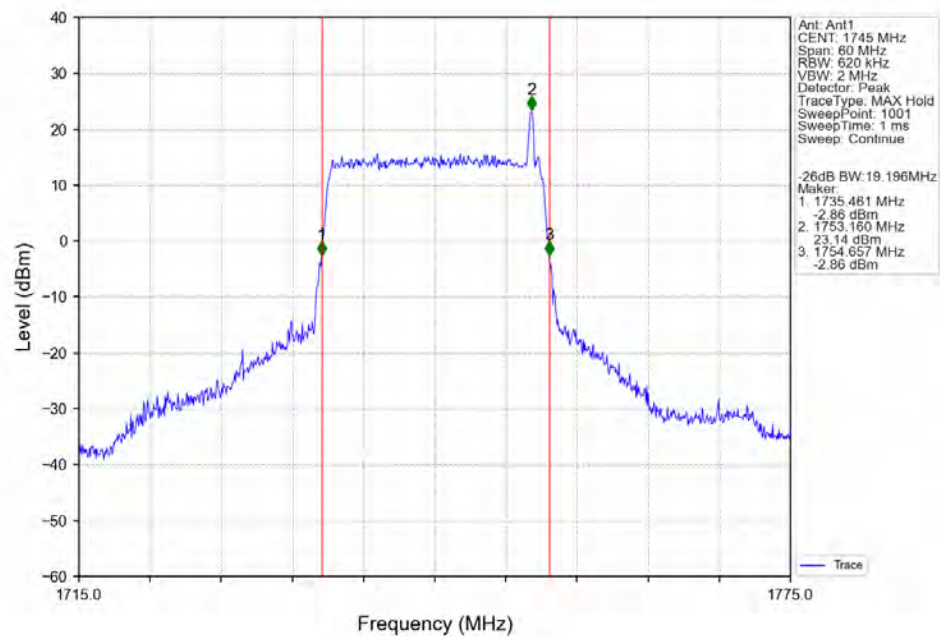
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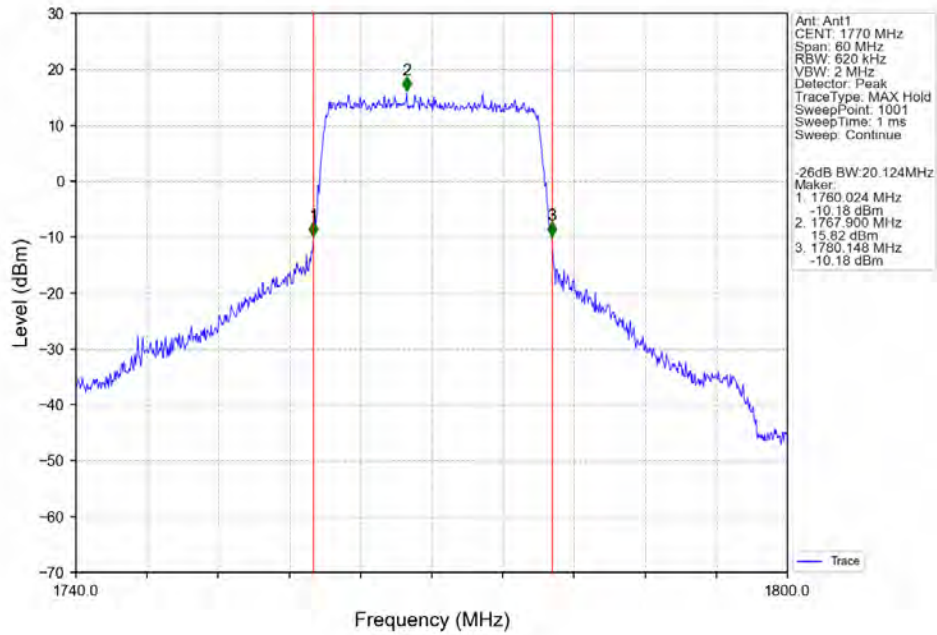
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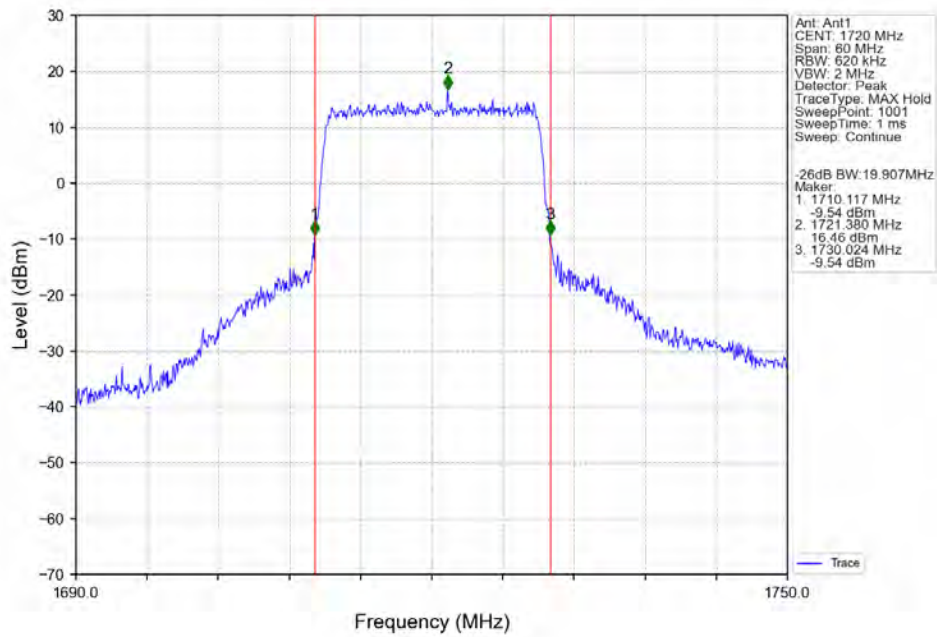
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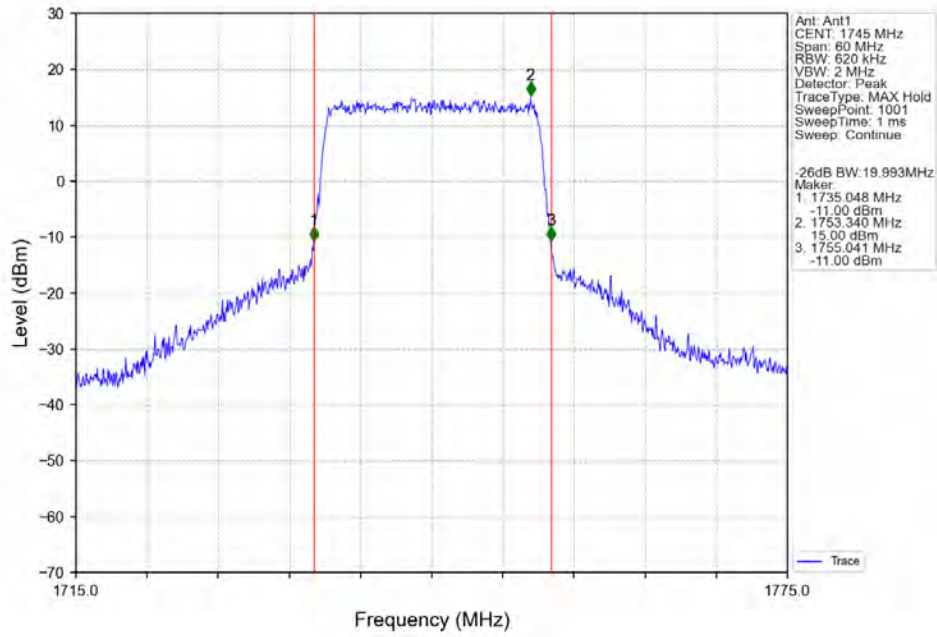
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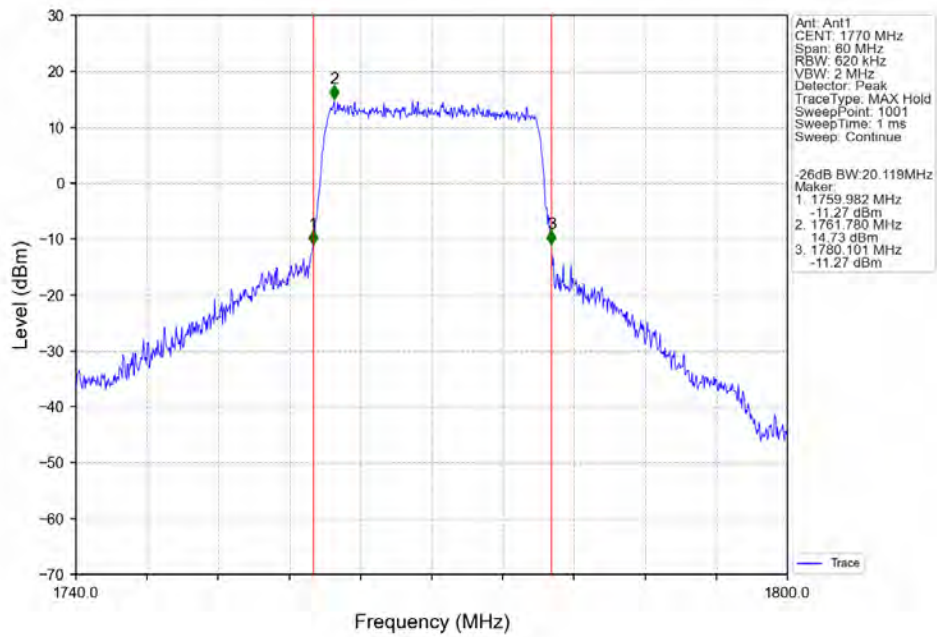
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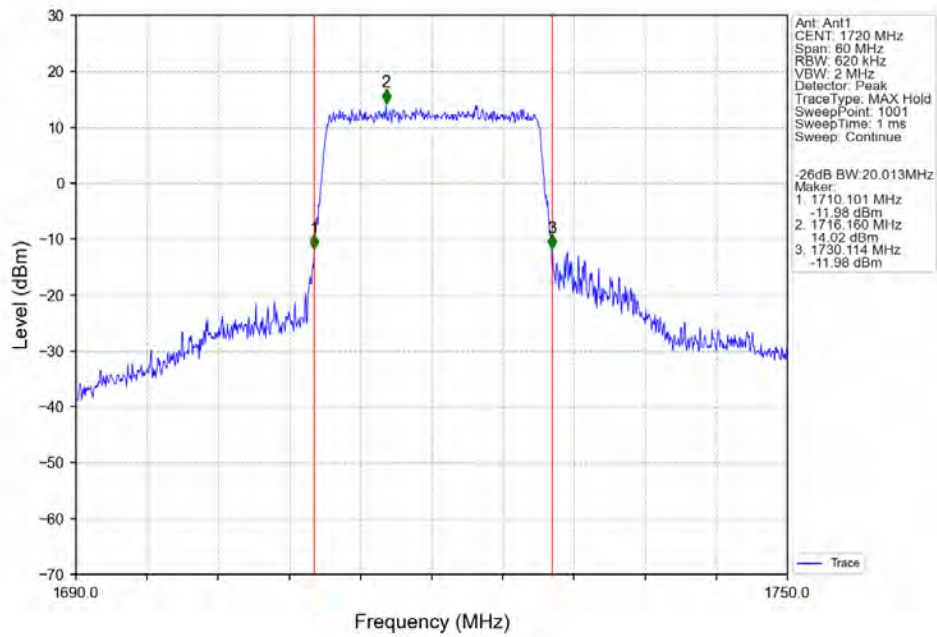
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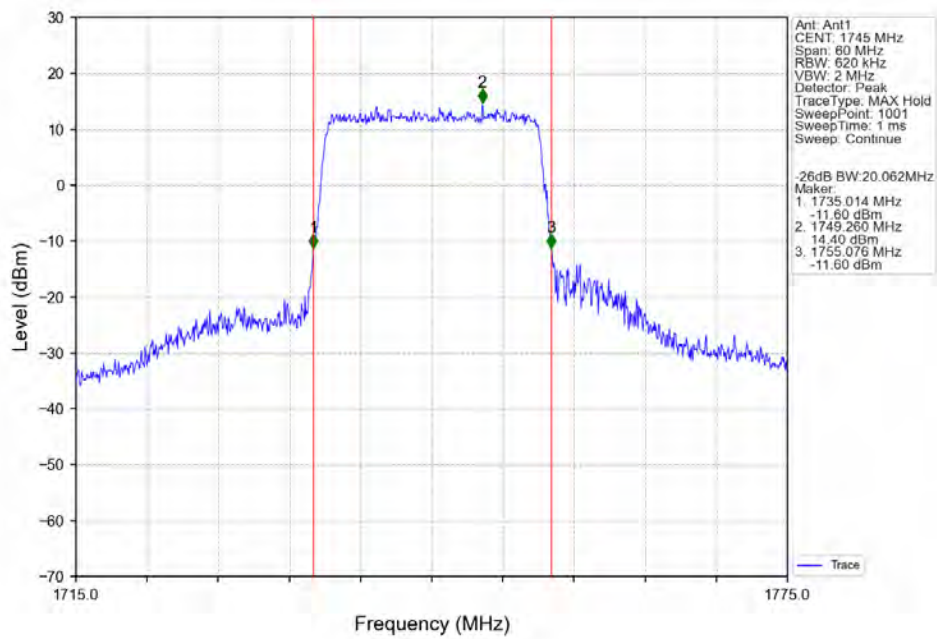
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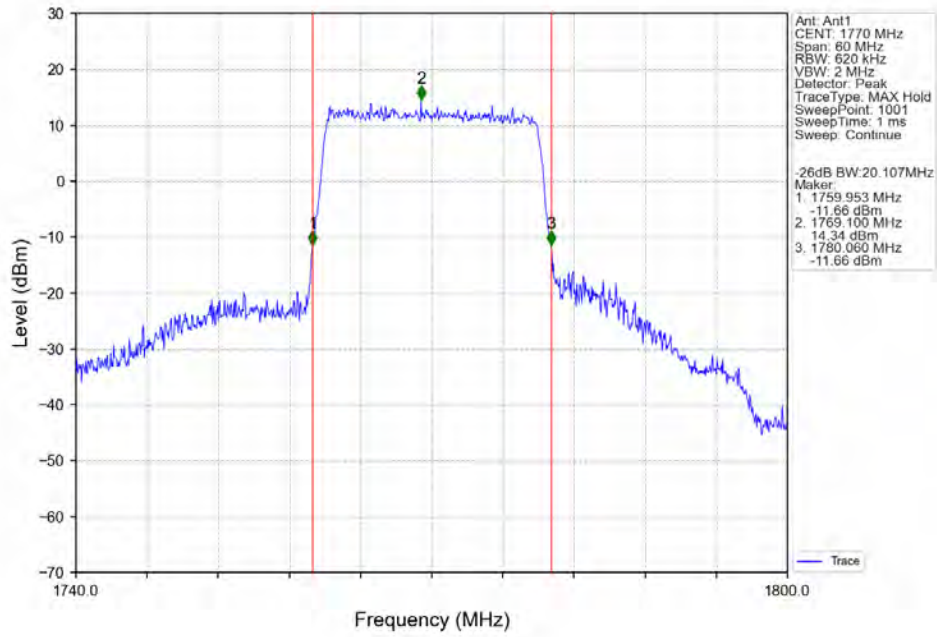
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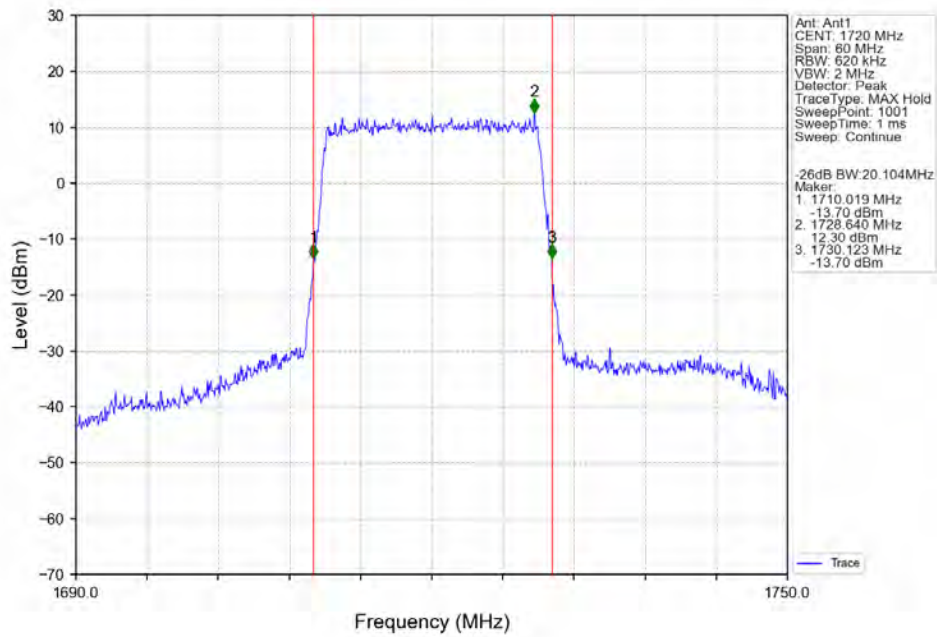
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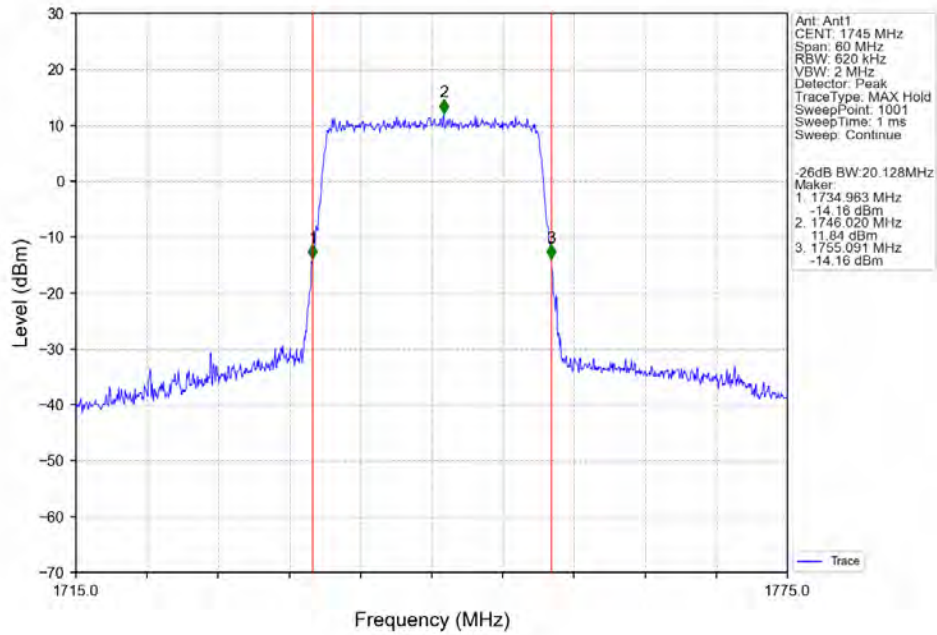
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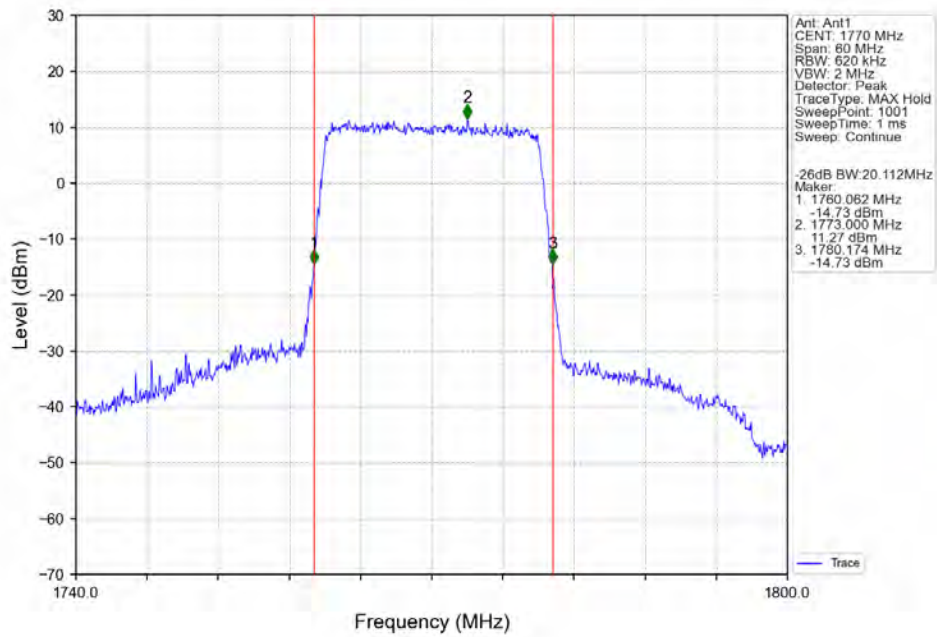
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Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTN



Band66 20MHz 256QAM HCH 1770MHz RB 100 0 NTN



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.40	<=13	Pass
	1745	6	0	4.36	<=13	Pass
	1779.3	6	0	4.39	<=13	Pass
16QAM	1710.7	6	0	5.44	<=13	Pass
	1745	6	0	5.37	<=13	Pass
	1779.3	6	0	5.39	<=13	Pass
64QAM	1710.7	6	0	6.30	<=13	Pass
	1745	6	0	6.28	<=13	Pass
	1779.3	6	0	6.26	<=13	Pass
256QAM	1710.7	6	0	6.70	<=13	Pass
	1745	6	0	6.52	<=13	Pass
	1779.3	6	0	6.56	<=13	Pass

4.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.32	<=13	Pass
	1745	15	0	4.31	<=13	Pass
	1778.5	15	0	4.30	<=13	Pass
16QAM	1711.5	15	0	5.31	<=13	Pass
	1745	15	0	5.30	<=13	Pass
	1778.5	15	0	5.28	<=13	Pass
64QAM	1711.5	15	0	6.29	<=13	Pass
	1745	15	0	6.29	<=13	Pass
	1778.5	15	0	6.26	<=13	Pass
256QAM	1711.5	15	0	6.49	<=13	Pass
	1745	15	0	6.57	<=13	Pass
	1778.5	15	0	6.53	<=13	Pass

4.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	4.58	<=13	Pass
	1745	25	0	4.59	<=13	Pass
	1777.5	25	0	4.57	<=13	Pass
16QAM	1712.5	25	0	5.64	<=13	Pass
	1745	25	0	5.62	<=13	Pass
	1777.5	25	0	5.63	<=13	Pass
64QAM	1712.5	25	0	6.42	<=13	Pass
	1745	25	0	6.40	<=13	Pass
	1777.5	25	0	6.40	<=13	Pass
256QAM	1712.5	25	0	6.54	<=13	Pass
	1745	25	0	6.56	<=13	Pass
	1777.5	25	0	6.55	<=13	Pass

4.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.59	<=13	Pass
	1745	50	0	4.57	<=13	Pass
	1775	50	0	4.59	<=13	Pass
16QAM	1715	50	0	5.64	<=13	Pass
	1745	50	0	5.63	<=13	Pass
	1775	50	0	5.63	<=13	Pass
64QAM	1715	50	0	6.39	<=13	Pass
	1745	50	0	6.38	<=13	Pass
	1775	50	0	6.39	<=13	Pass
256QAM	1715	50	0	6.53	<=13	Pass
	1745	50	0	6.56	<=13	Pass
	1775	50	0	6.53	<=13	Pass

4.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.64	<=13	Pass
	1745	75	0	4.63	<=13	Pass
	1772.5	75	0	4.69	<=13	Pass
16QAM	1717.5	75	0	5.62	<=13	Pass
	1745	75	0	5.62	<=13	Pass
	1772.5	75	0	5.65	<=13	Pass
64QAM	1717.5	75	0	6.40	<=13	Pass
	1745	75	0	6.40	<=13	Pass
	1772.5	75	0	6.40	<=13	Pass
256QAM	1717.5	75	0	6.51	<=13	Pass
	1745	75	0	6.55	<=13	Pass
	1772.5	75	0	6.55	<=13	Pass

4.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.64	<=13	Pass
	1745	100	0	4.59	<=13	Pass
	1770	100	0	4.64	<=13	Pass
16QAM	1720	100	0	5.68	<=13	Pass
	1745	100	0	5.64	<=13	Pass
	1770	100	0	5.68	<=13	Pass
64QAM	1720	100	0	6.37	<=13	Pass
	1745	100	0	6.34	<=13	Pass
	1770	100	0	6.37	<=13	Pass
256QAM	1720	100	0	6.49	<=13	Pass
	1745	100	0	6.51	<=13	Pass
	1770	100	0	6.52	<=13	Pass

4.2 Test Graph

4.2.1 B66_1.4MHz

