

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.39	-3.40	19.99	<=30	Pass
			2	23.41	-3.40	20.01	<=30	Pass
			5	23.29	-3.40	19.89	<=30	Pass
		3	0	23.34	-3.40	19.94	<=30	Pass
			2	23.29	-3.40	19.89	<=30	Pass
			3	23.24	-3.40	19.84	<=30	Pass
		6	0	22.30	-3.40	18.90	<=30	Pass
	1745	1	0	22.95	-3.40	19.55	<=30	Pass
			2	22.91	-3.40	19.51	<=30	Pass
			5	22.84	-3.40	19.44	<=30	Pass
		3	0	22.87	-3.40	19.47	<=30	Pass
			2	22.87	-3.40	19.47	<=30	Pass
			3	22.86	-3.40	19.46	<=30	Pass
		6	0	21.94	-3.40	18.54	<=30	Pass
	1779.3	1	0	22.41	-3.40	19.01	<=30	Pass
			2	22.30	-3.40	18.90	<=30	Pass
			5	22.24	-3.40	18.84	<=30	Pass
		3	0	22.22	-3.40	18.82	<=30	Pass
			2	22.24	-3.40	18.84	<=30	Pass
			3	22.19	-3.40	18.79	<=30	Pass
		6	0	21.30	-3.40	17.90	<=30	Pass
16QAM	1710.7	1	0	22.58	-3.40	19.18	<=30	Pass
			2	22.72	-3.40	19.32	<=30	Pass
			5	22.60	-3.40	19.20	<=30	Pass
		3	0	22.30	-3.40	18.90	<=30	Pass
			2	22.33	-3.40	18.93	<=30	Pass
			3	22.29	-3.40	18.89	<=30	Pass
		6	0	21.41	-3.40	18.01	<=30	Pass
	1745	1	0	22.22	-3.40	18.82	<=30	Pass
			2	22.25	-3.40	18.85	<=30	Pass
			5	22.25	-3.40	18.85	<=30	Pass
		3	0	22.03	-3.40	18.63	<=30	Pass
			2	22.02	-3.40	18.62	<=30	Pass
			3	21.90	-3.40	18.50	<=30	Pass
		6	0	21.09	-3.40	17.69	<=30	Pass
	1779.3	1	0	21.61	-3.40	18.21	<=30	Pass
			2	21.53	-3.40	18.13	<=30	Pass
			5	21.63	-3.40	18.23	<=30	Pass
		3	0	21.37	-3.40	17.97	<=30	Pass
			2	21.34	-3.40	17.94	<=30	Pass
			3	21.35	-3.40	17.95	<=30	Pass
		6	0	20.53	-3.40	17.13	<=30	Pass
64QAM	1710.7	1	0	21.67	-3.40	18.27	<=30	Pass
			2	21.56	-3.40	18.16	<=30	Pass
			5	21.48	-3.40	18.08	<=30	Pass
		3	0	21.43	-3.40	18.03	<=30	Pass
			2	21.42	-3.40	18.02	<=30	Pass
			3	21.44	-3.40	18.04	<=30	Pass
		6	0	20.30	-3.40	16.90	<=30	Pass

	1745	1	0	21.19	-3.40	17.79	<=30	Pass
			2	21.16	-3.40	17.76	<=30	Pass
			5	21.21	-3.40	17.81	<=30	Pass
		3	0	21.18	-3.40	17.78	<=30	Pass
			2	21.19	-3.40	17.79	<=30	Pass
			3	21.18	-3.40	17.78	<=30	Pass
		6	0	20.10	-3.40	16.70	<=30	Pass
	1779.3	1	0	20.69	-3.40	17.29	<=30	Pass
			2	20.65	-3.40	17.25	<=30	Pass
			5	20.64	-3.40	17.24	<=30	Pass
		3	0	20.58	-3.40	17.18	<=30	Pass
			2	20.57	-3.40	17.17	<=30	Pass
			3	20.53	-3.40	17.13	<=30	Pass
		6	0	19.54	-3.40	16.14	<=30	Pass
256QAM	1710.7	1	0	18.47	-3.40	15.07	<=30	Pass
			2	18.44	-3.40	15.04	<=30	Pass
			5	18.34	-3.40	14.94	<=30	Pass
		3	0	18.42	-3.40	15.02	<=30	Pass
			2	18.42	-3.40	15.02	<=30	Pass
			3	18.39	-3.40	14.99	<=30	Pass
		6	0	18.29	-3.40	14.89	<=30	Pass
	1745	1	0	18.42	-3.40	15.02	<=30	Pass
			2	18.32	-3.40	14.92	<=30	Pass
			5	18.38	-3.40	14.98	<=30	Pass
		3	0	18.33	-3.40	14.93	<=30	Pass
			2	18.34	-3.40	14.94	<=30	Pass
			3	18.35	-3.40	14.95	<=30	Pass
		6	0	18.33	-3.40	14.93	<=30	Pass
	1779.3	1	0	17.93	-3.40	14.53	<=30	Pass
			2	17.86	-3.40	14.46	<=30	Pass
			5	17.88	-3.40	14.48	<=30	Pass
		3	0	17.87	-3.40	14.47	<=30	Pass
			2	17.93	-3.40	14.53	<=30	Pass
			3	17.90	-3.40	14.50	<=30	Pass
		6	0	17.82	-3.40	14.42	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.41	-3.40	20.01	<=30	Pass
			7	23.09	-3.40	19.69	<=30	Pass
			14	23.00	-3.40	19.60	<=30	Pass
		8	0	22.28	-3.40	18.88	<=30	Pass
			4	22.16	-3.40	18.76	<=30	Pass
			7	22.09	-3.40	18.69	<=30	Pass
		15	0	22.20	-3.40	18.80	<=30	Pass
	1745	1	0	23.07	-3.40	19.67	<=30	Pass
			7	22.86	-3.40	19.46	<=30	Pass
			14	22.90	-3.40	19.50	<=30	Pass
		8	0	22.01	-3.40	18.61	<=30	Pass
			4	21.94	-3.40	18.54	<=30	Pass
			7	21.95	-3.40	18.55	<=30	Pass
		15	0	21.96	-3.40	18.56	<=30	Pass
	1778.5	1	0	22.62	-3.40	19.22	<=30	Pass

		8	7	22.33	-3.40	18.93	<=30	Pass
			14	22.31	-3.40	18.91	<=30	Pass
			0	21.49	-3.40	18.09	<=30	Pass
			4	21.43	-3.40	18.03	<=30	Pass
			7	21.39	-3.40	17.99	<=30	Pass
16QAM	1711.5	1	0	21.43	-3.40	18.03	<=30	Pass
			7	22.64	-3.40	19.24	<=30	Pass
			14	22.39	-3.40	18.99	<=30	Pass
		8	0	22.36	-3.40	18.96	<=30	Pass
			4	21.41	-3.40	18.01	<=30	Pass
			7	21.34	-3.40	17.94	<=30	Pass
	1745	1	7	21.26	-3.40	17.86	<=30	Pass
			0	21.32	-3.40	17.92	<=30	Pass
			14	21.32	-3.40	17.92	<=30	Pass
		8	0	22.36	-3.40	18.96	<=30	Pass
			7	22.22	-3.40	18.82	<=30	Pass
			14	22.29	-3.40	18.89	<=30	Pass
	1778.5	1	0	21.18	-3.40	17.78	<=30	Pass
			7	21.11	-3.40	17.71	<=30	Pass
			14	21.10	-3.40	17.70	<=30	Pass
		8	0	21.10	-3.40	17.70	<=30	Pass
			7	21.80	-3.40	18.40	<=30	Pass
			14	21.60	-3.40	18.20	<=30	Pass
64QAM	1711.5	1	14	21.56	-3.40	18.16	<=30	Pass
			0	20.66	-3.40	17.26	<=30	Pass
			7	20.61	-3.40	17.21	<=30	Pass
		8	0	20.61	-3.40	17.21	<=30	Pass
			7	20.58	-3.40	17.18	<=30	Pass
			14	20.58	-3.40	17.18	<=30	Pass
	1745	1	0	21.61	-3.40	18.21	<=30	Pass
			7	21.44	-3.40	18.04	<=30	Pass
			14	21.33	-3.40	17.93	<=30	Pass
		8	0	20.41	-3.40	17.01	<=30	Pass
			4	20.35	-3.40	16.95	<=30	Pass
			7	20.32	-3.40	16.92	<=30	Pass
	1778.5	1	0	20.33	-3.40	16.93	<=30	Pass
			7	21.42	-3.40	18.02	<=30	Pass
			14	21.26	-3.40	17.86	<=30	Pass
		8	0	21.18	-3.40	17.78	<=30	Pass
			4	20.23	-3.40	16.83	<=30	Pass
			7	20.15	-3.40	16.75	<=30	Pass
256QAM	1711.5	1	7	20.19	-3.40	16.79	<=30	Pass
			0	20.17	-3.40	16.77	<=30	Pass
			14	20.17	-3.40	16.77	<=30	Pass
		8	0	20.85	-3.40	17.45	<=30	Pass
			7	20.71	-3.40	17.31	<=30	Pass
			14	20.69	-3.40	17.29	<=30	Pass
	1745	1	0	19.74	-3.40	16.34	<=30	Pass
			4	19.70	-3.40	16.30	<=30	Pass
			7	19.69	-3.40	16.29	<=30	Pass
		8	0	19.70	-3.40	16.30	<=30	Pass
			7	18.45	-3.40	15.05	<=30	Pass
			14	18.31	-3.40	14.91	<=30	Pass
	1778.5	1	0	18.33	-3.40	14.93	<=30	Pass
			7	18.32	-3.40	14.92	<=30	Pass
			14	18.26	-3.40	14.86	<=30	Pass
		8	7	18.27	-3.40	14.87	<=30	Pass
			0	18.33	-3.40	14.93	<=30	Pass
			14	18.37	-3.40	14.97	<=30	Pass
	1745	1	7	18.38	-3.40	14.98	<=30	Pass
			0	18.41	-3.40	15.01	<=30	Pass
			14	18.28	-3.40	14.88	<=30	Pass

			4	18.34	-3.40	14.94	<=30	Pass
			7	18.31	-3.40	14.91	<=30	Pass
		15	0	18.26	-3.40	14.86	<=30	Pass
	1778.5	1	0	18.17	-3.40	14.77	<=30	Pass
			7	17.86	-3.40	14.46	<=30	Pass
			14	17.96	-3.40	14.56	<=30	Pass
		8	0	17.98	-3.40	14.58	<=30	Pass
			4	17.90	-3.40	14.50	<=30	Pass
			7	17.89	-3.40	14.49	<=30	Pass
		15	0	17.92	-3.40	14.52	<=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	23.44	-3.40	20.04	<=30	Pass
			13	23.01	-3.40	19.61	<=30	Pass
			24	22.75	-3.40	19.35	<=30	Pass
		12	0	22.31	-3.40	18.91	<=30	Pass
			6	22.12	-3.40	18.72	<=30	Pass
			13	21.94	-3.40	18.54	<=30	Pass
		25	0	22.15	-3.40	18.75	<=30	Pass
	1745	1	0	23.11	-3.40	19.71	<=30	Pass
			13	22.86	-3.40	19.46	<=30	Pass
			24	22.82	-3.40	19.42	<=30	Pass
		12	0	22.01	-3.40	18.61	<=30	Pass
			6	21.92	-3.40	18.52	<=30	Pass
			13	21.91	-3.40	18.51	<=30	Pass
		25	0	21.99	-3.40	18.59	<=30	Pass
	1777.5	1	0	22.82	-3.40	19.42	<=30	Pass
			13	22.37	-3.40	18.97	<=30	Pass
			24	22.28	-3.40	18.88	<=30	Pass
		12	0	21.59	-3.40	18.19	<=30	Pass
			6	21.47	-3.40	18.07	<=30	Pass
			13	21.39	-3.40	17.99	<=30	Pass
		25	0	21.49	-3.40	18.09	<=30	Pass
16QAM	1712.5	1	0	22.76	-3.40	19.36	<=30	Pass
			13	22.43	-3.40	19.03	<=30	Pass
			24	22.18	-3.40	18.78	<=30	Pass
		12	0	21.40	-3.40	18.00	<=30	Pass
			6	21.21	-3.40	17.81	<=30	Pass
			13	21.05	-3.40	17.65	<=30	Pass
		25	0	21.22	-3.40	17.82	<=30	Pass
	1745	1	0	22.34	-3.40	18.94	<=30	Pass
			13	22.14	-3.40	18.74	<=30	Pass
			24	22.18	-3.40	18.78	<=30	Pass
		12	0	21.14	-3.40	17.74	<=30	Pass
			6	21.05	-3.40	17.65	<=30	Pass
			13	21.03	-3.40	17.63	<=30	Pass
		25	0	21.09	-3.40	17.69	<=30	Pass
	1777.5	1	0	22.06	-3.40	18.66	<=30	Pass
			13	21.76	-3.40	18.36	<=30	Pass
			24	21.67	-3.40	18.27	<=30	Pass
		12	0	20.72	-3.40	17.32	<=30	Pass
			6	20.61	-3.40	17.21	<=30	Pass

			13	20.55	-3.40	17.15	<=30	Pass		
		25	0	20.64	-3.40	17.24	<=30	Pass		
64QAM	1712.5	1	0	21.59	-3.40	18.19	<=30	Pass		
			13	21.34	-3.40	17.94	<=30	Pass		
			24	21.06	-3.40	17.66	<=30	Pass		
			0	20.41	-3.40	17.01	<=30	Pass		
		12	6	20.29	-3.40	16.89	<=30	Pass		
			13	20.13	-3.40	16.73	<=30	Pass		
			25	0	20.27	-3.40	16.87	<=30	Pass	
		1745	1	0	21.41	-3.40	18.01	<=30	Pass	
				13	21.19	-3.40	17.79	<=30	Pass	
	24			21.10	-3.40	17.70	<=30	Pass		
	0			20.25	-3.40	16.85	<=30	Pass		
	12		6	20.16	-3.40	16.76	<=30	Pass		
			13	20.17	-3.40	16.77	<=30	Pass		
			25	0	20.18	-3.40	16.78	<=30	Pass	
	1777.5		1	0	21.03	-3.40	17.63	<=30	Pass	
				13	20.65	-3.40	17.25	<=30	Pass	
		24		20.59	-3.40	17.19	<=30	Pass		
		0		19.86	-3.40	16.46	<=30	Pass		
		12	6	19.74	-3.40	16.34	<=30	Pass		
			13	19.65	-3.40	16.25	<=30	Pass		
			25	0	19.73	-3.40	16.33	<=30	Pass	
		256QAM	1712.5	1	0	18.50	-3.40	15.10	<=30	Pass
					13	18.35	-3.40	14.95	<=30	Pass
24	18.21				-3.40	14.81	<=30	Pass		
12	0			18.35	-3.40	14.95	<=30	Pass		
	6			18.27	-3.40	14.87	<=30	Pass		
	13			18.26	-3.40	14.86	<=30	Pass		
25	0			18.30	-3.40	14.90	<=30	Pass		
1745	1		0	18.37	-3.40	14.97	<=30	Pass		
			13	18.41	-3.40	15.01	<=30	Pass		
			24	18.43	-3.40	15.03	<=30	Pass		
	12		0	18.32	-3.40	14.92	<=30	Pass		
			6	18.28	-3.40	14.88	<=30	Pass		
			13	18.30	-3.40	14.90	<=30	Pass		
	25		0	18.35	-3.40	14.95	<=30	Pass		
1777.5	1		0	18.28	-3.40	14.88	<=30	Pass		
			13	18.02	-3.40	14.62	<=30	Pass		
			24	17.97	-3.40	14.57	<=30	Pass		
	12		0	18.05	-3.40	14.65	<=30	Pass		
			6	17.91	-3.40	14.51	<=30	Pass		
			13	17.85	-3.40	14.45	<=30	Pass		
	25		0	17.96	-3.40	14.56	<=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	23.07	-3.40	19.67	<=30	Pass
			25	22.68	-3.40	19.28	<=30	Pass
			49	22.34	-3.40	18.94	<=30	Pass
		25	0	21.96	-3.40	18.56	<=30	Pass
			13	21.79	-3.40	18.39	<=30	Pass
			25	21.59	-3.40	18.19	<=30	Pass

		50	0	21.80	-3.40	18.40	<=30	Pass		
	1745	1	0	22.74	-3.40	19.34	<=30	Pass		
			25	22.80	-3.40	19.40	<=30	Pass		
			49	22.59	-3.40	19.19	<=30	Pass		
			0	21.81	-3.40	18.41	<=30	Pass		
		25	13	21.83	-3.40	18.43	<=30	Pass		
			25	21.77	-3.40	18.37	<=30	Pass		
	1775	50	0	21.79	-3.40	18.39	<=30	Pass		
		1	0	22.33	-3.40	18.93	<=30	Pass		
			25	22.53	-3.40	19.13	<=30	Pass		
			49	22.14	-3.40	18.74	<=30	Pass		
		25	0	21.44	-3.40	18.04	<=30	Pass		
			13	21.50	-3.40	18.10	<=30	Pass		
			25	21.38	-3.40	17.98	<=30	Pass		
		50	0	21.43	-3.40	18.03	<=30	Pass		
		16QAM	1715	1	0	22.42	-3.40	19.02	<=30	Pass
25	22.04				-3.40	18.64	<=30	Pass		
49	21.70				-3.40	18.30	<=30	Pass		
25	0			21.05	-3.40	17.65	<=30	Pass		
	13			20.88	-3.40	17.48	<=30	Pass		
	25			20.68	-3.40	17.28	<=30	Pass		
50	0			20.89	-3.40	17.49	<=30	Pass		
1745	1		0	22.08	-3.40	18.68	<=30	Pass		
			25	22.09	-3.40	18.69	<=30	Pass		
			49	21.87	-3.40	18.47	<=30	Pass		
	25		0	20.90	-3.40	17.50	<=30	Pass		
			13	20.93	-3.40	17.53	<=30	Pass		
			25	20.87	-3.40	17.47	<=30	Pass		
	50		0	20.91	-3.40	17.51	<=30	Pass		
1775	1		0	21.65	-3.40	18.25	<=30	Pass		
			25	21.79	-3.40	18.39	<=30	Pass		
			49	21.39	-3.40	17.99	<=30	Pass		
	25		0	20.53	-3.40	17.13	<=30	Pass		
			13	20.60	-3.40	17.20	<=30	Pass		
			25	20.49	-3.40	17.09	<=30	Pass		
	50		0	20.54	-3.40	17.14	<=30	Pass		
	64QAM		1715	1	0	21.33	-3.40	17.93	<=30	Pass
					25	21.03	-3.40	17.63	<=30	Pass
49					20.63	-3.40	17.23	<=30	Pass	
25				0	20.10	-3.40	16.70	<=30	Pass	
				13	19.92	-3.40	16.52	<=30	Pass	
		25		19.75	-3.40	16.35	<=30	Pass		
50		0		19.95	-3.40	16.55	<=30	Pass		
1745		1	0	21.00	-3.40	17.60	<=30	Pass		
			25	21.11	-3.40	17.71	<=30	Pass		
			49	20.98	-3.40	17.58	<=30	Pass		
		25	0	19.98	-3.40	16.58	<=30	Pass		
			13	20.00	-3.40	16.60	<=30	Pass		
			25	19.96	-3.40	16.56	<=30	Pass		
		50	0	19.98	-3.40	16.58	<=30	Pass		
1775		1	0	20.61	-3.40	17.21	<=30	Pass		
			25	20.86	-3.40	17.46	<=30	Pass		
			49	20.45	-3.40	17.05	<=30	Pass		
		25	0	19.64	-3.40	16.24	<=30	Pass		
			13	19.71	-3.40	16.31	<=30	Pass		
			25	19.60	-3.40	16.20	<=30	Pass		
		50	0	19.64	-3.40	16.24	<=30	Pass		
256QAM		1715	1	0	18.50	-3.40	15.10	<=30	Pass	
25		18.18		-3.40	14.78	<=30	Pass			

			49	17.79	-3.40	14.39	<=30	Pass
		25	0	18.26	-3.40	14.86	<=30	Pass
			13	18.06	-3.40	14.66	<=30	Pass
			25	17.90	-3.40	14.50	<=30	Pass
		50	0	18.11	-3.40	14.71	<=30	Pass
	1745	1	0	18.19	-3.40	14.79	<=30	Pass
			25	18.31	-3.40	14.91	<=30	Pass
			49	18.13	-3.40	14.73	<=30	Pass
		25	0	18.18	-3.40	14.78	<=30	Pass
			13	18.20	-3.40	14.80	<=30	Pass
			25	18.16	-3.40	14.76	<=30	Pass
		50	0	18.18	-3.40	14.78	<=30	Pass
	1775	1	0	17.74	-3.40	14.34	<=30	Pass
			25	18.08	-3.40	14.68	<=30	Pass
			49	17.74	-3.40	14.34	<=30	Pass
		25	0	17.85	-3.40	14.45	<=30	Pass
			13	17.95	-3.40	14.55	<=30	Pass
			25	17.82	-3.40	14.42	<=30	Pass
		50	0	17.88	-3.40	14.48	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.37	-3.40	19.97	<=30	Pass
			38	22.79	-3.40	19.39	<=30	Pass
			74	22.71	-3.40	19.31	<=30	Pass
		36	0	22.07	-3.40	18.67	<=30	Pass
			18	21.80	-3.40	18.40	<=30	Pass
			39	21.69	-3.40	18.29	<=30	Pass
		75	0	21.90	-3.40	18.50	<=30	Pass
	1745	1	0	23.09	-3.40	19.69	<=30	Pass
			38	23.02	-3.40	19.62	<=30	Pass
			74	22.60	-3.40	19.20	<=30	Pass
		36	0	21.99	-3.40	18.59	<=30	Pass
			18	22.01	-3.40	18.61	<=30	Pass
			39	21.86	-3.40	18.46	<=30	Pass
		75	0	21.95	-3.40	18.55	<=30	Pass
	1772.5	1	0	22.67	-3.40	19.27	<=30	Pass
			38	22.73	-3.40	19.33	<=30	Pass
			74	22.34	-3.40	18.94	<=30	Pass
		36	0	21.64	-3.40	18.24	<=30	Pass
			18	21.68	-3.40	18.28	<=30	Pass
			39	21.57	-3.40	18.17	<=30	Pass
		75	0	21.65	-3.40	18.25	<=30	Pass
16QAM	1717.5	1	0	22.72	-3.40	19.32	<=30	Pass
			38	22.14	-3.40	18.74	<=30	Pass
			74	21.98	-3.40	18.58	<=30	Pass
		36	0	21.17	-3.40	17.77	<=30	Pass
			18	20.88	-3.40	17.48	<=30	Pass
			39	20.80	-3.40	17.40	<=30	Pass
		75	0	21.01	-3.40	17.61	<=30	Pass
	1745	1	0	22.30	-3.40	18.90	<=30	Pass
			38	22.40	-3.40	19.00	<=30	Pass
			74	21.94	-3.40	18.54	<=30	Pass

		36	0	21.08	-3.40	17.68	<=30	Pass
			18	21.11	-3.40	17.71	<=30	Pass
			39	20.96	-3.40	17.56	<=30	Pass
		75	0	21.06	-3.40	17.66	<=30	Pass
	1772.5	1	0	21.90	-3.40	18.50	<=30	Pass
			38	21.96	-3.40	18.56	<=30	Pass
			74	21.64	-3.40	18.24	<=30	Pass
		36	0	20.73	-3.40	17.33	<=30	Pass
			18	20.79	-3.40	17.39	<=30	Pass
			39	20.69	-3.40	17.29	<=30	Pass
		75	0	20.78	-3.40	17.38	<=30	Pass
64QAM	1717.5	1	0	21.55	-3.40	18.15	<=30	Pass
			38	21.11	-3.40	17.71	<=30	Pass
			74	20.97	-3.40	17.57	<=30	Pass
		36	0	20.21	-3.40	16.81	<=30	Pass
			18	19.99	-3.40	16.59	<=30	Pass
			39	19.89	-3.40	16.49	<=30	Pass
		75	0	20.05	-3.40	16.65	<=30	Pass
	1745	1	0	21.28	-3.40	17.88	<=30	Pass
			38	21.29	-3.40	17.89	<=30	Pass
			74	20.94	-3.40	17.54	<=30	Pass
		36	0	20.20	-3.40	16.80	<=30	Pass
			18	20.21	-3.40	16.81	<=30	Pass
			39	20.08	-3.40	16.68	<=30	Pass
		75	0	20.13	-3.40	16.73	<=30	Pass
	1772.5	1	0	20.95	-3.40	17.55	<=30	Pass
			38	21.04	-3.40	17.64	<=30	Pass
			74	20.71	-3.40	17.31	<=30	Pass
		36	0	19.85	-3.40	16.45	<=30	Pass
			18	19.94	-3.40	16.54	<=30	Pass
			39	19.84	-3.40	16.44	<=30	Pass
		75	0	19.86	-3.40	16.46	<=30	Pass
256QAM	1717.5	1	0	18.45	-3.40	15.05	<=30	Pass
			38	18.00	-3.40	14.60	<=30	Pass
			74	18.07	-3.40	14.67	<=30	Pass
		36	0	18.19	-3.40	14.79	<=30	Pass
			18	18.02	-3.40	14.62	<=30	Pass
			39	17.92	-3.40	14.52	<=30	Pass
		75	0	18.08	-3.40	14.68	<=30	Pass
	1745	1	0	18.31	-3.40	14.91	<=30	Pass
			38	18.48	-3.40	15.08	<=30	Pass
			74	18.19	-3.40	14.79	<=30	Pass
		36	0	18.27	-3.40	14.87	<=30	Pass
			18	18.34	-3.40	14.94	<=30	Pass
			39	18.28	-3.40	14.88	<=30	Pass
		75	0	18.31	-3.40	14.91	<=30	Pass
	1772.5	1	0	17.90	-3.40	14.50	<=30	Pass
			38	18.21	-3.40	14.81	<=30	Pass
			74	18.01	-3.40	14.61	<=30	Pass
		36	0	17.89	-3.40	14.49	<=30	Pass
			18	18.10	-3.40	14.70	<=30	Pass
			39	18.05	-3.40	14.65	<=30	Pass
		75	0	18.13	-3.40	14.73	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.10	-3.40	19.70	<=30	Pass
			50	22.42	-3.40	19.02	<=30	Pass
			99	22.73	-3.40	19.33	<=30	Pass
		50	0	21.74	-3.40	18.34	<=30	Pass
			25	21.60	-3.40	18.20	<=30	Pass
			50	21.68	-3.40	18.28	<=30	Pass
		100	0	21.72	-3.40	18.32	<=30	Pass
	1745	1	0	22.99	-3.40	19.59	<=30	Pass
			50	22.78	-3.40	19.38	<=30	Pass
			99	22.25	-3.40	18.85	<=30	Pass
		50	0	21.82	-3.40	18.42	<=30	Pass
			25	21.82	-3.40	18.42	<=30	Pass
			50	21.66	-3.40	18.26	<=30	Pass
		100	0	21.75	-3.40	18.35	<=30	Pass
	1770	1	0	22.32	-3.40	18.92	<=30	Pass
			50	22.32	-3.40	18.92	<=30	Pass
			99	22.20	-3.40	18.80	<=30	Pass
		50	0	21.42	-3.40	18.02	<=30	Pass
			25	21.51	-3.40	18.11	<=30	Pass
			50	21.46	-3.40	18.06	<=30	Pass
		100	0	21.46	-3.40	18.06	<=30	Pass
16QAM	1720	1	0	22.38	-3.40	18.98	<=30	Pass
			50	21.84	-3.40	18.44	<=30	Pass
			99	22.15	-3.40	18.75	<=30	Pass
		50	0	20.84	-3.40	17.44	<=30	Pass
			25	20.70	-3.40	17.30	<=30	Pass
			50	20.77	-3.40	17.37	<=30	Pass
		100	0	20.81	-3.40	17.41	<=30	Pass
	1745	1	0	22.25	-3.40	18.85	<=30	Pass
			50	22.05	-3.40	18.65	<=30	Pass
			99	21.65	-3.40	18.25	<=30	Pass
		50	0	20.91	-3.40	17.51	<=30	Pass
			25	20.92	-3.40	17.52	<=30	Pass
			50	20.77	-3.40	17.37	<=30	Pass
		100	0	20.84	-3.40	17.44	<=30	Pass
	1770	1	0	21.70	-3.40	18.30	<=30	Pass
			50	21.58	-3.40	18.18	<=30	Pass
			99	21.54	-3.40	18.14	<=30	Pass
		50	0	20.51	-3.40	17.11	<=30	Pass
			25	20.61	-3.40	17.21	<=30	Pass
			50	20.59	-3.40	17.19	<=30	Pass
		100	0	20.55	-3.40	17.15	<=30	Pass
64QAM	1720	1	0	21.40	-3.40	18.00	<=30	Pass
			50	20.68	-3.40	17.28	<=30	Pass
			99	21.08	-3.40	17.68	<=30	Pass
		50	0	19.88	-3.40	16.48	<=30	Pass
			25	19.78	-3.40	16.38	<=30	Pass
			50	19.85	-3.40	16.45	<=30	Pass
		100	0	19.88	-3.40	16.48	<=30	Pass
	1745	1	0	21.22	-3.40	17.82	<=30	Pass
			50	21.08	-3.40	17.68	<=30	Pass
			99	20.62	-3.40	17.22	<=30	Pass
		50	0	19.98	-3.40	16.58	<=30	Pass
			25	20.02	-3.40	16.62	<=30	Pass
			50	19.87	-3.40	16.47	<=30	Pass
		100	0	19.92	-3.40	16.52	<=30	Pass

	1770	1	0	20.59	-3.40	17.19	<=30	Pass		
			50	20.57	-3.40	17.17	<=30	Pass		
			99	20.57	-3.40	17.17	<=30	Pass		
		50	0	19.64	-3.40	16.24	<=30	Pass		
			25	19.72	-3.40	16.32	<=30	Pass		
			50	19.68	-3.40	16.28	<=30	Pass		
		100	0	19.67	-3.40	16.27	<=30	Pass		
		256QAM	1720	1	0	18.45	-3.40	15.05	<=30	Pass
					50	17.85	-3.40	14.45	<=30	Pass
99	18.26				-3.40	14.86	<=30	Pass		
50	0			18.04	-3.40	14.64	<=30	Pass		
	25			17.91	-3.40	14.51	<=30	Pass		
	50			18.03	-3.40	14.63	<=30	Pass		
100	0			18.05	-3.40	14.65	<=30	Pass		
1745	1			0	18.44	-3.40	15.04	<=30	Pass	
				50	18.33	-3.40	14.93	<=30	Pass	
			99	17.82	-3.40	14.42	<=30	Pass		
	50		0	18.16	-3.40	14.76	<=30	Pass		
			25	18.20	-3.40	14.80	<=30	Pass		
			50	18.07	-3.40	14.67	<=30	Pass		
100	0		18.15	-3.40	14.75	<=30	Pass			
1770	1		0	17.83	-3.40	14.43	<=30	Pass		
			50	17.89	-3.40	14.49	<=30	Pass		
			99	17.83	-3.40	14.43	<=30	Pass		
	50		0	17.84	-3.40	14.44	<=30	Pass		
		25	17.90	-3.40	14.50	<=30	Pass			
		50	17.89	-3.40	14.49	<=30	Pass			
	100	0	17.90	-3.40	14.50	<=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	3.4	-11.300	-0.0066	-2.5 to 2.5	Pass
					3.92	-2.700	-0.0016	-2.5 to 2.5	Pass
					4.5	0.800	0.0005	-2.5 to 2.5	Pass
				-30	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	2.300	0.0013	-2.5 to 2.5	Pass
				-10	3.92	-5.500	-0.0032	-2.5 to 2.5	Pass
				0	3.92	1.600	0.0009	-2.5 to 2.5	Pass
				10	3.92	-6.200	-0.0036	-2.5 to 2.5	Pass
				30	3.92	-4.700	-0.0027	-2.5 to 2.5	Pass
				40	3.92	0.700	0.0004	-2.5 to 2.5	Pass
				50	3.92	0.800	0.0005	-2.5 to 2.5	Pass
	1745	6	0	20	3.4	-5.200	-0.0030	-2.5 to 2.5	Pass
					3.92	-6.100	-0.0035	-2.5 to 2.5	Pass
					4.5	-1.300	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	-1.700	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	2.000	0.0011	-2.5 to 2.5	Pass
				-10	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				0	3.92	1.300	0.0007	-2.5 to 2.5	Pass
				10	3.92	0.600	0.0003	-2.5 to 2.5	Pass
				30	3.92	-3.100	-0.0018	-2.5 to 2.5	Pass
				40	3.92	2.300	0.0013	-2.5 to 2.5	Pass
				50	3.92	-4.600	-0.0026	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.4	-8.400	-0.0047	-2.5 to 2.5	Pass
					3.92	-7.100	-0.0040	-2.5 to 2.5	Pass
					4.5	-7.700	-0.0043	-2.5 to 2.5	Pass
				-30	3.92	-6.300	-0.0035	-2.5 to 2.5	Pass
				-20	3.92	-7.500	-0.0042	-2.5 to 2.5	Pass
				-10	3.92	-3.100	-0.0017	-2.5 to 2.5	Pass
				0	3.92	0.800	0.0004	-2.5 to 2.5	Pass
				10	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				30	3.92	-2.500	-0.0014	-2.5 to 2.5	Pass
				40	3.92	-6.100	-0.0034	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.4	-2.300	-0.0013	-2.5 to 2.5	Pass
					3.92	0.800	0.0005	-2.5 to 2.5	Pass
					4.5	-5.900	-0.0034	-2.5 to 2.5	Pass
				-30	3.92	-7.000	-0.0041	-2.5 to 2.5	Pass
				-20	3.92	-9.700	-0.0057	-2.5 to 2.5	Pass
				-10	3.92	3.400	0.0020	-2.5 to 2.5	Pass
				0	3.92	7.200	0.0042	-2.5 to 2.5	Pass
				10	3.92	-11.400	-0.0067	-2.5 to 2.5	Pass
				30	3.92	1.500	0.0009	-2.5 to 2.5	Pass
				40	3.92	-1.100	-0.0006	-2.5 to 2.5	Pass
				50	3.92	-9.000	-0.0053	-2.5 to 2.5	Pass
	1745	6	0	20	3.4	1.800	0.0010	-2.5 to 2.5	Pass
					3.92	1.300	0.0007	-2.5 to 2.5	Pass
					4.5	2.400	0.0014	-2.5 to 2.5	Pass

				-30	3.92	2.800	0.0016	-2.5 to 2.5	Pass
				-20	3.92	-2.800	-0.0016	-2.5 to 2.5	Pass
				-10	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				0	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.92	0.500	0.0003	-2.5 to 2.5	Pass
				30	3.92	-11.700	-0.0067	-2.5 to 2.5	Pass
				40	3.92	-7.600	-0.0044	-2.5 to 2.5	Pass
				50	3.92	-4.700	-0.0027	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.4	2.400	0.0013	-2.5 to 2.5	Pass
					3.92	-7.700	-0.0043	-2.5 to 2.5	Pass
					4.5	0.600	0.0003	-2.5 to 2.5	Pass
				-30	3.92	-5.500	-0.0031	-2.5 to 2.5	Pass
				-20	3.92	2.600	0.0015	-2.5 to 2.5	Pass
				-10	3.92	-6.500	-0.0037	-2.5 to 2.5	Pass
				0	3.92	-8.700	-0.0049	-2.5 to 2.5	Pass
				10	3.92	-7.500	-0.0042	-2.5 to 2.5	Pass
				30	3.92	-5.800	-0.0033	-2.5 to 2.5	Pass
				40	3.92	-7.600	-0.0043	-2.5 to 2.5	Pass
				50	3.92	-8.200	-0.0046	-2.5 to 2.5	Pass
64QAM	1710.7	6	0	20	3.4	-4.000	-0.0023	-2.5 to 2.5	Pass
					3.92	0.900	0.0005	-2.5 to 2.5	Pass
					4.5	6.100	0.0036	-2.5 to 2.5	Pass
				-30	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				-20	3.92	0.800	0.0005	-2.5 to 2.5	Pass
				-10	3.92	-1.100	-0.0006	-2.5 to 2.5	Pass
				0	3.92	1.300	0.0008	-2.5 to 2.5	Pass
				10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				30	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				40	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				50	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
	1745	6	0	20	3.4	-1.100	-0.0006	-2.5 to 2.5	Pass
					3.92	6.800	0.0039	-2.5 to 2.5	Pass
					4.5	0.600	0.0003	-2.5 to 2.5	Pass
				-30	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				-20	3.92	1.700	0.0010	-2.5 to 2.5	Pass
				-10	3.92	-4.900	-0.0028	-2.5 to 2.5	Pass
				0	3.92	-2.900	-0.0017	-2.5 to 2.5	Pass
				10	3.92	5.000	0.0029	-2.5 to 2.5	Pass
				30	3.92	-3.600	-0.0021	-2.5 to 2.5	Pass
				40	3.92	-6.000	-0.0034	-2.5 to 2.5	Pass
				50	3.92	2.400	0.0014	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.4	-5.900	-0.0033	-2.5 to 2.5	Pass
					3.92	-5.000	-0.0028	-2.5 to 2.5	Pass
					4.5	-1.900	-0.0011	-2.5 to 2.5	Pass
				-30	3.92	4.200	0.0024	-2.5 to 2.5	Pass
				-20	3.92	-8.000	-0.0045	-2.5 to 2.5	Pass
				-10	3.92	-7.200	-0.0040	-2.5 to 2.5	Pass
				0	3.92	4.700	0.0026	-2.5 to 2.5	Pass
				10	3.92	3.800	0.0021	-2.5 to 2.5	Pass
				30	3.92	-4.600	-0.0026	-2.5 to 2.5	Pass
				40	3.92	4.000	0.0022	-2.5 to 2.5	Pass
				50	3.92	-6.300	-0.0035	-2.5 to 2.5	Pass
256QAM	1710.7	6	0	20	3.4	-8.500	-0.0050	-2.5 to 2.5	Pass
					3.92	3.900	0.0023	-2.5 to 2.5	Pass
					4.5	-7.100	-0.0042	-2.5 to 2.5	Pass
				-30	3.92	-4.100	-0.0024	-2.5 to 2.5	Pass
				-20	3.92	-9.300	-0.0054	-2.5 to 2.5	Pass
				-10	3.92	-5.100	-0.0030	-2.5 to 2.5	Pass
				0	3.92	-5.000	-0.0029	-2.5 to 2.5	Pass

				10	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				30	3.92	-0.500	-0.0003	-2.5 to 2.5	Pass
				40	3.92	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.92	-8.000	-0.0047	-2.5 to 2.5	Pass
	1745	6	0	20	3.4	-8.400	-0.0048	-2.5 to 2.5	Pass
					3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
					4.5	-2.100	-0.0012	-2.5 to 2.5	Pass
				-30	3.92	5.500	0.0032	-2.5 to 2.5	Pass
				-20	3.92	6.900	0.0040	-2.5 to 2.5	Pass
				-10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.92	8.300	0.0048	-2.5 to 2.5	Pass
				10	3.92	-2.700	-0.0015	-2.5 to 2.5	Pass
				30	3.92	4.400	0.0025	-2.5 to 2.5	Pass
				40	3.92	-1.500	-0.0009	-2.5 to 2.5	Pass
				50	3.92	2.900	0.0017	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.4	-2.700	-0.0015	-2.5 to 2.5	Pass
					3.92	2.900	0.0016	-2.5 to 2.5	Pass
					4.5	2.700	0.0015	-2.5 to 2.5	Pass
				-30	3.92	1.400	0.0008	-2.5 to 2.5	Pass
				-20	3.92	-9.100	-0.0051	-2.5 to 2.5	Pass
				-10	3.92	5.400	0.0030	-2.5 to 2.5	Pass
				0	3.92	4.600	0.0026	-2.5 to 2.5	Pass
				10	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				30	3.92	-3.200	-0.0018	-2.5 to 2.5	Pass
				40	3.92	-5.600	-0.0031	-2.5 to 2.5	Pass
				50	3.92	2.400	0.0013	-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	3.4	1.000	0.0006	-2.5 to 2.5	Pass
					3.92	-3.300	-0.0019	-2.5 to 2.5	Pass
					4.5	-0.600	-0.0004	-2.5 to 2.5	Pass
				-30	3.92	-2.900	-0.0017	-2.5 to 2.5	Pass
				-20	3.92	-2.800	-0.0016	-2.5 to 2.5	Pass
				-10	3.92	4.700	0.0027	-2.5 to 2.5	Pass
				0	3.92	-6.600	-0.0039	-2.5 to 2.5	Pass
				10	3.92	-3.500	-0.0020	-2.5 to 2.5	Pass
				30	3.92	2.000	0.0012	-2.5 to 2.5	Pass
				40	3.92	0.800	0.0005	-2.5 to 2.5	Pass
				50	3.92	1.700	0.0010	-2.5 to 2.5	Pass
	1745	15	0	20	3.4	2.900	0.0017	-2.5 to 2.5	Pass
					3.92	4.500	0.0026	-2.5 to 2.5	Pass
					4.5	3.500	0.0020	-2.5 to 2.5	Pass
				-30	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	2.200	0.0013	-2.5 to 2.5	Pass
				-10	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
				0	3.92	-6.800	-0.0039	-2.5 to 2.5	Pass
				10	3.92	-2.500	-0.0014	-2.5 to 2.5	Pass
				30	3.92	5.900	0.0034	-2.5 to 2.5	Pass
				40	3.92	-2.600	-0.0015	-2.5 to 2.5	Pass
				50	3.92	1.000	0.0006	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.4	-3.300	-0.0019	-2.5 to 2.5	Pass
					3.92	-4.000	-0.0022	-2.5 to 2.5	Pass
					4.5	0.500	0.0003	-2.5 to 2.5	Pass

				-30	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	-7.000	-0.0039	-2.5 to 2.5	Pass
				-10	3.92	-3.400	-0.0019	-2.5 to 2.5	Pass
				0	3.92	-3.900	-0.0022	-2.5 to 2.5	Pass
				10	3.92	3.200	0.0018	-2.5 to 2.5	Pass
				30	3.92	-8.100	-0.0046	-2.5 to 2.5	Pass
				40	3.92	-6.600	-0.0037	-2.5 to 2.5	Pass
				50	3.92	2.700	0.0015	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.4	-5.300	-0.0031	-2.5 to 2.5	Pass
					3.92	0.000	0.0000	-2.5 to 2.5	Pass
					4.5	-7.100	-0.0041	-2.5 to 2.5	Pass
				-30	3.92	-5.100	-0.0030	-2.5 to 2.5	Pass
				-20	3.92	-5.200	-0.0030	-2.5 to 2.5	Pass
				-10	3.92	-7.700	-0.0045	-2.5 to 2.5	Pass
				0	3.92	-3.000	-0.0018	-2.5 to 2.5	Pass
				10	3.92	-2.400	-0.0014	-2.5 to 2.5	Pass
				30	3.92	-7.900	-0.0046	-2.5 to 2.5	Pass
				40	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				50	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
	1745	15	0	20	3.4	1.300	0.0007	-2.5 to 2.5	Pass
					3.92	1.000	0.0006	-2.5 to 2.5	Pass
					4.5	0.800	0.0005	-2.5 to 2.5	Pass
				-30	3.92	-7.100	-0.0041	-2.5 to 2.5	Pass
				-20	3.92	-6.500	-0.0037	-2.5 to 2.5	Pass
				-10	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				0	3.92	-5.300	-0.0030	-2.5 to 2.5	Pass
				10	3.92	-9.000	-0.0052	-2.5 to 2.5	Pass
				30	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				40	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.4	3.300	0.0019	-2.5 to 2.5	Pass
					3.92	3.400	0.0019	-2.5 to 2.5	Pass
					4.5	-1.200	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	-0.500	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	3.800	0.0021	-2.5 to 2.5	Pass
				-10	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.92	-5.000	-0.0028	-2.5 to 2.5	Pass
				10	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				30	3.92	-1.000	-0.0006	-2.5 to 2.5	Pass
				40	3.92	-3.600	-0.0020	-2.5 to 2.5	Pass
				50	3.92	-4.900	-0.0028	-2.5 to 2.5	Pass
64QAM	1711.5	15	0	20	3.4	-2.500	-0.0015	-2.5 to 2.5	Pass
					3.92	-5.600	-0.0033	-2.5 to 2.5	Pass
					4.5	-6.000	-0.0035	-2.5 to 2.5	Pass
				-30	3.92	4.400	0.0026	-2.5 to 2.5	Pass
				-20	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	-9.500	-0.0056	-2.5 to 2.5	Pass
				0	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				10	3.92	2.000	0.0012	-2.5 to 2.5	Pass
				30	3.92	-0.600	-0.0004	-2.5 to 2.5	Pass
				40	3.92	1.100	0.0006	-2.5 to 2.5	Pass
				50	3.92	-8.300	-0.0048	-2.5 to 2.5	Pass
	1745	15	0	20	3.4	-1.200	-0.0007	-2.5 to 2.5	Pass
					3.92	-7.400	-0.0042	-2.5 to 2.5	Pass
					4.5	-5.600	-0.0032	-2.5 to 2.5	Pass
				-30	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	-5.800	-0.0033	-2.5 to 2.5	Pass
				-10	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
				0	3.92	-8.900	-0.0051	-2.5 to 2.5	Pass

				10	3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
				30	3.92	-4.500	-0.0026	-2.5 to 2.5	Pass
				40	3.92	-7.300	-0.0042	-2.5 to 2.5	Pass
				50	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.4	1.500	0.0008	-2.5 to 2.5	Pass
					3.92	0.200	0.0001	-2.5 to 2.5	Pass
					4.5	2.200	0.0012	-2.5 to 2.5	Pass
				-30	3.92	-3.700	-0.0021	-2.5 to 2.5	Pass
				-20	3.92	5.300	0.0030	-2.5 to 2.5	Pass
				-10	3.92	-1.500	-0.0008	-2.5 to 2.5	Pass
				0	3.92	-3.600	-0.0020	-2.5 to 2.5	Pass
				10	3.92	2.500	0.0014	-2.5 to 2.5	Pass
				30	3.92	6.900	0.0039	-2.5 to 2.5	Pass
				40	3.92	7.100	0.0040	-2.5 to 2.5	Pass
				50	3.92	1.100	0.0006	-2.5 to 2.5	Pass
256QAM	1711.5	15	0	20	3.4	-9.100	-0.0053	-2.5 to 2.5	Pass
					3.92	-3.500	-0.0020	-2.5 to 2.5	Pass
					4.5	-22.300	-0.0130	-2.5 to 2.5	Pass
				-30	3.92	51.300	0.0300	-2.5 to 2.5	Pass
				-20	3.92	-17.600	-0.0103	-2.5 to 2.5	Pass
				-10	3.92	3.000	0.0018	-2.5 to 2.5	Pass
				0	3.92	-16.200	-0.0095	-2.5 to 2.5	Pass
				10	3.92	56.100	0.0328	-2.5 to 2.5	Pass
				30	3.92	0.600	0.0004	-2.5 to 2.5	Pass
				40	3.92	2.800	0.0016	-2.5 to 2.5	Pass
				50	3.92	-26.200	-0.0153	-2.5 to 2.5	Pass
	1745	15	0	20	3.4	-2.900	-0.0017	-2.5 to 2.5	Pass
					3.92	-7.400	-0.0042	-2.5 to 2.5	Pass
					4.5	47.700	0.0273	-2.5 to 2.5	Pass
				-30	3.92	44.100	0.0253	-2.5 to 2.5	Pass
				-20	3.92	45.600	0.0261	-2.5 to 2.5	Pass
				-10	3.92	-4.100	-0.0023	-2.5 to 2.5	Pass
				0	3.92	8.800	0.0050	-2.5 to 2.5	Pass
				10	3.92	-25.600	-0.0147	-2.5 to 2.5	Pass
				30	3.92	-2.100	-0.0012	-2.5 to 2.5	Pass
				40	3.92	21.700	0.0124	-2.5 to 2.5	Pass
				50	3.92	1.600	0.0009	-2.5 to 2.5	Pass
	1778.5	15	0	20	3.4	-2.100	-0.0012	-2.5 to 2.5	Pass
					3.92	1.000	0.0006	-2.5 to 2.5	Pass
					4.5	-18.400	-0.0103	-2.5 to 2.5	Pass
				-30	3.92	11.000	0.0062	-2.5 to 2.5	Pass
				-20	3.92	3.400	0.0019	-2.5 to 2.5	Pass
				-10	3.92	-2.500	-0.0014	-2.5 to 2.5	Pass
				0	3.92	-28.700	-0.0161	-2.5 to 2.5	Pass
				10	3.92	-15.600	-0.0088	-2.5 to 2.5	Pass
				30	3.92	-3.300	-0.0019	-2.5 to 2.5	Pass
				40	3.92	-5.600	-0.0031	-2.5 to 2.5	Pass
				50	3.92	48.100	0.0270	-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	3.4	-5.400	-0.0032	-2.5 to 2.5	Pass
					3.92	3.300	0.0019	-2.5 to 2.5	Pass
					4.5	-3.200	-0.0019	-2.5 to 2.5	Pass

				-30	3.92	1.100	0.0006	-2.5 to 2.5	Pass
				-20	3.92	3.200	0.0019	-2.5 to 2.5	Pass
				-10	3.92	-2.700	-0.0016	-2.5 to 2.5	Pass
				0	3.92	-2.900	-0.0017	-2.5 to 2.5	Pass
				10	3.92	-4.800	-0.0028	-2.5 to 2.5	Pass
				30	3.92	1.600	0.0009	-2.5 to 2.5	Pass
				40	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				50	3.92	4.500	0.0026	-2.5 to 2.5	Pass
	1745	25	0	20	3.4	0.100	0.0001	-2.5 to 2.5	Pass
					3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.5	-6.800	-0.0039	-2.5 to 2.5	Pass
				-30	3.92	-6.300	-0.0036	-2.5 to 2.5	Pass
				-20	3.92	-3.800	-0.0022	-2.5 to 2.5	Pass
				-10	3.92	-7.200	-0.0041	-2.5 to 2.5	Pass
				0	3.92	-4.600	-0.0026	-2.5 to 2.5	Pass
				10	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.92	-5.300	-0.0030	-2.5 to 2.5	Pass
				40	3.92	-6.100	-0.0035	-2.5 to 2.5	Pass
				50	3.92	-2.000	-0.0011	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.4	-2.200	-0.0012	-2.5 to 2.5	Pass
					3.92	-1.500	-0.0008	-2.5 to 2.5	Pass
					4.5	-1.200	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	-5.100	-0.0029	-2.5 to 2.5	Pass
				-20	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.92	-4.000	-0.0023	-2.5 to 2.5	Pass
				0	3.92	4.000	0.0023	-2.5 to 2.5	Pass
				10	3.92	-5.800	-0.0033	-2.5 to 2.5	Pass
				30	3.92	-5.300	-0.0030	-2.5 to 2.5	Pass
				40	3.92	-6.300	-0.0035	-2.5 to 2.5	Pass
				50	3.92	0.600	0.0003	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.4	0.100	0.0001	-2.5 to 2.5	Pass
					3.92	4.400	0.0026	-2.5 to 2.5	Pass
					4.5	-3.800	-0.0022	-2.5 to 2.5	Pass
				-30	3.92	-4.400	-0.0026	-2.5 to 2.5	Pass
				-20	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.92	2.800	0.0016	-2.5 to 2.5	Pass
				0	3.92	-3.400	-0.0020	-2.5 to 2.5	Pass
				10	3.92	-2.400	-0.0014	-2.5 to 2.5	Pass
				30	3.92	2.100	0.0012	-2.5 to 2.5	Pass
				40	3.92	-4.400	-0.0026	-2.5 to 2.5	Pass
				50	3.92	2.200	0.0013	-2.5 to 2.5	Pass
	1745	25	0	20	3.4	2.500	0.0014	-2.5 to 2.5	Pass
					3.92	1.200	0.0007	-2.5 to 2.5	Pass
					4.5	-1.600	-0.0009	-2.5 to 2.5	Pass
				-30	3.92	-3.700	-0.0021	-2.5 to 2.5	Pass
				-20	3.92	-2.500	-0.0014	-2.5 to 2.5	Pass
				-10	3.92	-6.600	-0.0038	-2.5 to 2.5	Pass
				0	3.92	-4.900	-0.0028	-2.5 to 2.5	Pass
				10	3.92	-1.100	-0.0006	-2.5 to 2.5	Pass
				30	3.92	3.100	0.0018	-2.5 to 2.5	Pass
				40	3.92	-2.400	-0.0014	-2.5 to 2.5	Pass
				50	3.92	-1.800	-0.0010	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.4	-7.200	-0.0041	-2.5 to 2.5	Pass
					3.92	-4.300	-0.0024	-2.5 to 2.5	Pass
					4.5	2.700	0.0015	-2.5 to 2.5	Pass
				-30	3.92	4.200	0.0024	-2.5 to 2.5	Pass
				-20	3.92	-4.200	-0.0024	-2.5 to 2.5	Pass
				-10	3.92	-6.700	-0.0038	-2.5 to 2.5	Pass
				0	3.92	-4.900	-0.0028	-2.5 to 2.5	Pass

				10	3.92	-5.300	-0.0030	-2.5 to 2.5	Pass
				30	3.92	3.300	0.0019	-2.5 to 2.5	Pass
				40	3.92	-5.900	-0.0033	-2.5 to 2.5	Pass
				50	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
64QAM	1712.5	25	0	20	3.4	-3.200	-0.0019	-2.5 to 2.5	Pass
					3.92	-3.600	-0.0021	-2.5 to 2.5	Pass
					4.5	-2.100	-0.0012	-2.5 to 2.5	Pass
				-30	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	3.92	-7.200	-0.0042	-2.5 to 2.5	Pass
				-10	3.92	3.800	0.0022	-2.5 to 2.5	Pass
				0	3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
				10	3.92	2.600	0.0015	-2.5 to 2.5	Pass
				30	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.92	-2.100	-0.0012	-2.5 to 2.5	Pass
				50	3.92	-5.600	-0.0033	-2.5 to 2.5	Pass
	1745	25	0	20	3.4	4.400	0.0025	-2.5 to 2.5	Pass
					3.92	-3.300	-0.0019	-2.5 to 2.5	Pass
					4.5	7.200	0.0041	-2.5 to 2.5	Pass
				-30	3.92	-1.100	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	1.700	0.0010	-2.5 to 2.5	Pass
				-10	3.92	-2.600	-0.0015	-2.5 to 2.5	Pass
				0	3.92	1.300	0.0007	-2.5 to 2.5	Pass
				10	3.92	5.000	0.0029	-2.5 to 2.5	Pass
				30	3.92	4.100	0.0023	-2.5 to 2.5	Pass
				40	3.92	0.300	0.0002	-2.5 to 2.5	Pass
				50	3.92	-3.200	-0.0018	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.4	-5.700	-0.0032	-2.5 to 2.5	Pass
					3.92	-3.500	-0.0020	-2.5 to 2.5	Pass
					4.5	-5.400	-0.0030	-2.5 to 2.5	Pass
				-30	3.92	-8.300	-0.0047	-2.5 to 2.5	Pass
				-20	3.92	-4.200	-0.0024	-2.5 to 2.5	Pass
				-10	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				0	3.92	-1.700	-0.0010	-2.5 to 2.5	Pass
				10	3.92	-9.500	-0.0053	-2.5 to 2.5	Pass
				30	3.92	2.800	0.0016	-2.5 to 2.5	Pass
				40	3.92	-1.300	-0.0007	-2.5 to 2.5	Pass
				50	3.92	-4.900	-0.0028	-2.5 to 2.5	Pass
256QAM	1712.5	25	0	20	3.4	3.500	0.0020	-2.5 to 2.5	Pass
					3.92	3.600	0.0021	-2.5 to 2.5	Pass
					4.5	0.700	0.0004	-2.5 to 2.5	Pass
				-30	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				-20	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				-10	3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
				0	3.92	5.100	0.0030	-2.5 to 2.5	Pass
				10	3.92	-3.400	-0.0020	-2.5 to 2.5	Pass
				30	3.92	6.700	0.0039	-2.5 to 2.5	Pass
				40	3.92	4.400	0.0026	-2.5 to 2.5	Pass
				50	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
	1745	25	0	20	3.4	6.000	0.0034	-2.5 to 2.5	Pass
					3.92	-1.300	-0.0007	-2.5 to 2.5	Pass
					4.5	2.900	0.0017	-2.5 to 2.5	Pass
				-30	3.92	4.600	0.0026	-2.5 to 2.5	Pass
				-20	3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
				-10	3.92	-1.100	-0.0006	-2.5 to 2.5	Pass
				0	3.92	5.500	0.0032	-2.5 to 2.5	Pass
				10	3.92	2.000	0.0011	-2.5 to 2.5	Pass
				30	3.92	-5.100	-0.0029	-2.5 to 2.5	Pass
				40	3.92	2.800	0.0016	-2.5 to 2.5	Pass
				50	3.92	2.400	0.0014	-2.5 to 2.5	Pass

	1777.5	25	0	20	3.4	-5.700	-0.0032	-2.5 to 2.5	Pass
					3.92	1.100	0.0006	-2.5 to 2.5	Pass
					4.5	0.500	0.0003	-2.5 to 2.5	Pass
				-30	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				-20	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	4.500	0.0025	-2.5 to 2.5	Pass
				0	3.92	6.600	0.0037	-2.5 to 2.5	Pass
				10	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-2.700	-0.0015	-2.5 to 2.5	Pass
				40	3.92	3.400	0.0019	-2.5 to 2.5	Pass
				50	3.92	0.200	0.0001	-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	3.4	-1.300	-0.0008	-2.5 to 2.5	Pass
					3.92	-4.500	-0.0026	-2.5 to 2.5	Pass
					4.5	-8.700	-0.0051	-2.5 to 2.5	Pass
				-30	3.92	-5.400	-0.0031	-2.5 to 2.5	Pass
				-20	3.92	-8.400	-0.0049	-2.5 to 2.5	Pass
				-10	3.92	-0.800	-0.0005	-2.5 to 2.5	Pass
				0	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				10	3.92	2.300	0.0013	-2.5 to 2.5	Pass
				30	3.92	0.300	0.0002	-2.5 to 2.5	Pass
				40	3.92	1.300	0.0008	-2.5 to 2.5	Pass
				50	3.92	0.200	0.0001	-2.5 to 2.5	Pass
	1745	50	0	20	3.4	3.700	0.0021	-2.5 to 2.5	Pass
					3.92	5.800	0.0033	-2.5 to 2.5	Pass
					4.5	-4.600	-0.0026	-2.5 to 2.5	Pass
				-30	3.92	-1.500	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	1.300	0.0007	-2.5 to 2.5	Pass
				-10	3.92	6.700	0.0038	-2.5 to 2.5	Pass
				0	3.92	-2.600	-0.0015	-2.5 to 2.5	Pass
				10	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
				30	3.92	1.200	0.0007	-2.5 to 2.5	Pass
				40	3.92	4.100	0.0023	-2.5 to 2.5	Pass
				50	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
	1775	50	0	20	3.4	1.300	0.0007	-2.5 to 2.5	Pass
					3.92	-1.800	-0.0010	-2.5 to 2.5	Pass
					4.5	-2.500	-0.0014	-2.5 to 2.5	Pass
				-30	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				-10	3.92	5.000	0.0028	-2.5 to 2.5	Pass
				0	3.92	-4.700	-0.0026	-2.5 to 2.5	Pass
				10	3.92	0.300	0.0002	-2.5 to 2.5	Pass
				30	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.92	4.900	0.0028	-2.5 to 2.5	Pass
				50	3.92	4.200	0.0024	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.4	-7.100	-0.0041	-2.5 to 2.5	Pass
					3.92	-2.100	-0.0012	-2.5 to 2.5	Pass
					4.5	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.92	-8.200	-0.0048	-2.5 to 2.5	Pass
				-20	3.92	-3.200	-0.0019	-2.5 to 2.5	Pass
				-10	3.92	-8.600	-0.0050	-2.5 to 2.5	Pass
				0	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass

				10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				30	3.92	1.000	0.0006	-2.5 to 2.5	Pass
				40	3.92	1.200	0.0007	-2.5 to 2.5	Pass
				50	3.92	-6.400	-0.0037	-2.5 to 2.5	Pass
	1745	50	0	20	3.4	0.400	0.0002	-2.5 to 2.5	Pass
					3.92	-3.200	-0.0018	-2.5 to 2.5	Pass
					4.5	6.200	0.0036	-2.5 to 2.5	Pass
				-30	3.92	6.400	0.0037	-2.5 to 2.5	Pass
				-20	3.92	3.000	0.0017	-2.5 to 2.5	Pass
				-10	3.92	0.800	0.0005	-2.5 to 2.5	Pass
				0	3.92	-5.600	-0.0032	-2.5 to 2.5	Pass
				10	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
				30	3.92	-0.800	-0.0005	-2.5 to 2.5	Pass
				40	3.92	3.700	0.0021	-2.5 to 2.5	Pass
				50	3.92	1.200	0.0007	-2.5 to 2.5	Pass
	1775	50	0	20	3.4	1.900	0.0011	-2.5 to 2.5	Pass
					3.92	5.700	0.0032	-2.5 to 2.5	Pass
					4.5	3.200	0.0018	-2.5 to 2.5	Pass
				-30	3.92	1.900	0.0011	-2.5 to 2.5	Pass
				-20	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	3.800	0.0021	-2.5 to 2.5	Pass
				0	3.92	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.92	6.700	0.0038	-2.5 to 2.5	Pass
				30	3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
				40	3.92	-1.800	-0.0010	-2.5 to 2.5	Pass
				50	3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
64QAM	1715	50	0	20	3.4	0.000	0.0000	-2.5 to 2.5	Pass
					3.92	2.400	0.0014	-2.5 to 2.5	Pass
					4.5	-0.500	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-1.500	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	3.000	0.0017	-2.5 to 2.5	Pass
				-10	3.92	3.500	0.0020	-2.5 to 2.5	Pass
				0	3.92	-4.100	-0.0024	-2.5 to 2.5	Pass
				10	3.92	-2.400	-0.0014	-2.5 to 2.5	Pass
				30	3.92	2.500	0.0015	-2.5 to 2.5	Pass
				40	3.92	1.600	0.0009	-2.5 to 2.5	Pass
				50	3.92	4.600	0.0027	-2.5 to 2.5	Pass
	1745	50	0	20	3.4	4.400	0.0025	-2.5 to 2.5	Pass
					3.92	-4.300	-0.0025	-2.5 to 2.5	Pass
					4.5	-3.900	-0.0022	-2.5 to 2.5	Pass
				-30	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	4.200	0.0024	-2.5 to 2.5	Pass
				-10	3.92	2.500	0.0014	-2.5 to 2.5	Pass
				0	3.92	3.700	0.0021	-2.5 to 2.5	Pass
				10	3.92	-3.700	-0.0021	-2.5 to 2.5	Pass
				30	3.92	1.700	0.0010	-2.5 to 2.5	Pass
				40	3.92	-2.800	-0.0016	-2.5 to 2.5	Pass
				50	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
	1775	50	0	20	3.4	2.100	0.0012	-2.5 to 2.5	Pass
					3.92	5.400	0.0030	-2.5 to 2.5	Pass
					4.5	2.200	0.0012	-2.5 to 2.5	Pass
				-30	3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-2.200	-0.0012	-2.5 to 2.5	Pass
				-10	3.92	4.000	0.0023	-2.5 to 2.5	Pass
				0	3.92	5.400	0.0030	-2.5 to 2.5	Pass
				10	3.92	0.600	0.0003	-2.5 to 2.5	Pass
				30	3.92	-1.500	-0.0008	-2.5 to 2.5	Pass
				40	3.92	4.700	0.0026	-2.5 to 2.5	Pass
				50	3.92	2.800	0.0016	-2.5 to 2.5	Pass

256QAM	1715	50	0	20	3.4	7.000	0.0041	-2.5 to 2.5	Pass
					3.92	3.600	0.0021	-2.5 to 2.5	Pass
					4.5	-1.000	-0.0006	-2.5 to 2.5	Pass
				-30	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	3.500	0.0020	-2.5 to 2.5	Pass
				-10	3.92	1.600	0.0009	-2.5 to 2.5	Pass
				0	3.92	2.800	0.0016	-2.5 to 2.5	Pass
				10	3.92	-4.000	-0.0023	-2.5 to 2.5	Pass
				30	3.92	4.900	0.0029	-2.5 to 2.5	Pass
				40	3.92	5.600	0.0033	-2.5 to 2.5	Pass
				50	3.92	4.300	0.0025	-2.5 to 2.5	Pass
	1745	50	0	20	3.4	-8.200	-0.0047	-2.5 to 2.5	Pass
					3.92	-0.800	-0.0005	-2.5 to 2.5	Pass
					4.5	-1.200	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	1.800	0.0010	-2.5 to 2.5	Pass
				-20	3.92	-6.200	-0.0036	-2.5 to 2.5	Pass
				-10	3.92	1.300	0.0007	-2.5 to 2.5	Pass
				0	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				10	3.92	-4.100	-0.0023	-2.5 to 2.5	Pass
				30	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
				40	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.92	-3.600	-0.0021	-2.5 to 2.5	Pass
	1775	50	0	20	3.4	-1.700	-0.0010	-2.5 to 2.5	Pass
					3.92	-3.600	-0.0020	-2.5 to 2.5	Pass
					4.5	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	5.500	0.0031	-2.5 to 2.5	Pass
				-20	3.92	0.300	0.0002	-2.5 to 2.5	Pass
				-10	3.92	1.500	0.0008	-2.5 to 2.5	Pass
				0	3.92	2.600	0.0015	-2.5 to 2.5	Pass
				10	3.92	2.500	0.0014	-2.5 to 2.5	Pass
				30	3.92	-4.000	-0.0023	-2.5 to 2.5	Pass
				40	3.92	2.100	0.0012	-2.5 to 2.5	Pass
				50	3.92	2.200	0.0012	-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	3.4	-2.300	-0.0013	-2.5 to 2.5	Pass
					3.92	0.800	0.0005	-2.5 to 2.5	Pass
					4.5	-4.700	-0.0027	-2.5 to 2.5	Pass
				-30	3.92	-2.400	-0.0014	-2.5 to 2.5	Pass
				-20	3.92	1.200	0.0007	-2.5 to 2.5	Pass
				-10	3.92	-2.700	-0.0016	-2.5 to 2.5	Pass
				0	3.92	-1.300	-0.0008	-2.5 to 2.5	Pass
				10	3.92	-2.600	-0.0015	-2.5 to 2.5	Pass
				30	3.92	0.600	0.0003	-2.5 to 2.5	Pass
				40	3.92	-1.000	-0.0006	-2.5 to 2.5	Pass
				50	3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
	1745	75	0	20	3.4	-3.000	-0.0017	-2.5 to 2.5	Pass
					3.92	-5.800	-0.0033	-2.5 to 2.5	Pass
					4.5	-3.600	-0.0021	-2.5 to 2.5	Pass
				-30	3.92	-1.300	-0.0007	-2.5 to 2.5	Pass
				-20	3.92	-2.800	-0.0016	-2.5 to 2.5	Pass
				-10	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				0	3.92	-5.500	-0.0032	-2.5 to 2.5	Pass

				10	3.92	-6.700	-0.0038	-2.5 to 2.5	Pass
				30	3.92	-4.900	-0.0028	-2.5 to 2.5	Pass
				40	3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
				50	3.92	1.000	0.0006	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.4	-5.000	-0.0028	-2.5 to 2.5	Pass
					3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
					4.5	-3.000	-0.0017	-2.5 to 2.5	Pass
				-30	3.92	1.600	0.0009	-2.5 to 2.5	Pass
				-20	3.92	-4.400	-0.0025	-2.5 to 2.5	Pass
				-10	3.92	4.700	0.0027	-2.5 to 2.5	Pass
				0	3.92	1.300	0.0007	-2.5 to 2.5	Pass
				10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
				40	3.92	5.200	0.0029	-2.5 to 2.5	Pass
				50	3.92	2.600	0.0015	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.4	0.500	0.0003	-2.5 to 2.5	Pass
					3.92	3.700	0.0022	-2.5 to 2.5	Pass
					4.5	3.600	0.0021	-2.5 to 2.5	Pass
				-30	3.92	3.300	0.0019	-2.5 to 2.5	Pass
				-20	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
				10	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				30	3.92	9.700	0.0056	-2.5 to 2.5	Pass
				40	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
	1745	75	0	50	3.92	1.700	0.0010	-2.5 to 2.5	Pass
				20	3.4	-4.400	-0.0025	-2.5 to 2.5	Pass
					3.92	-4.400	-0.0025	-2.5 to 2.5	Pass
					4.5	0.800	0.0005	-2.5 to 2.5	Pass
				-30	3.92	1.400	0.0008	-2.5 to 2.5	Pass
				-20	3.92	-3.500	-0.0020	-2.5 to 2.5	Pass
				-10	3.92	1.800	0.0010	-2.5 to 2.5	Pass
				0	3.92	0.300	0.0002	-2.5 to 2.5	Pass
				10	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				30	3.92	-6.600	-0.0038	-2.5 to 2.5	Pass
				40	3.92	-6.600	-0.0038	-2.5 to 2.5	Pass
	1772.5	75	0	50	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				20	3.4	-6.200	-0.0035	-2.5 to 2.5	Pass
					3.92	2.100	0.0012	-2.5 to 2.5	Pass
					4.5	5.700	0.0032	-2.5 to 2.5	Pass
				-30	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	-4.500	-0.0025	-2.5 to 2.5	Pass
				-10	3.92	2.200	0.0012	-2.5 to 2.5	Pass
				0	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
				30	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
64QAM	1717.5	75	0	40	3.92	-1.700	-0.0010	-2.5 to 2.5	Pass
				50	3.92	-6.000	-0.0034	-2.5 to 2.5	Pass
				20	3.4	0.200	0.0001	-2.5 to 2.5	Pass
					3.92	0.200	0.0001	-2.5 to 2.5	Pass
					4.5	-6.000	-0.0035	-2.5 to 2.5	Pass
				-30	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	5.600	0.0033	-2.5 to 2.5	Pass
				-10	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				0	3.92	5.000	0.0029	-2.5 to 2.5	Pass
				10	3.92	7.700	0.0045	-2.5 to 2.5	Pass
				30	3.92	2.500	0.0015	-2.5 to 2.5	Pass
				40	3.92	-1.800	-0.0010	-2.5 to 2.5	Pass
				50	3.92	0.300	0.0002	-2.5 to 2.5	Pass

	1745	75	0	20	3.4	-3.800	-0.0022	-2.5 to 2.5	Pass
					3.92	-4.100	-0.0023	-2.5 to 2.5	Pass
					4.5	-6.600	-0.0038	-2.5 to 2.5	Pass
				-30	3.92	-2.500	-0.0014	-2.5 to 2.5	Pass
				-20	3.92	-4.100	-0.0023	-2.5 to 2.5	Pass
				-10	3.92	2.800	0.0016	-2.5 to 2.5	Pass
				0	3.92	-4.700	-0.0027	-2.5 to 2.5	Pass
				10	3.92	-2.500	-0.0014	-2.5 to 2.5	Pass
				30	3.92	3.900	0.0022	-2.5 to 2.5	Pass
				40	3.92	4.800	0.0028	-2.5 to 2.5	Pass
				50	3.92	2.400	0.0014	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.4	-3.400	-0.0019	-2.5 to 2.5	Pass
					3.92	-5.400	-0.0030	-2.5 to 2.5	Pass
					4.5	-4.400	-0.0025	-2.5 to 2.5	Pass
				-30	3.92	-0.500	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	2.600	0.0015	-2.5 to 2.5	Pass
				-10	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
				0	3.92	-4.800	-0.0027	-2.5 to 2.5	Pass
				10	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				30	3.92	-2.500	-0.0014	-2.5 to 2.5	Pass
				40	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.92	-4.500	-0.0025	-2.5 to 2.5	Pass
256QAM	1717.5	75	0	20	3.4	-2.900	-0.0017	-2.5 to 2.5	Pass
					3.92	-0.500	-0.0003	-2.5 to 2.5	Pass
					4.5	-4.200	-0.0024	-2.5 to 2.5	Pass
				-30	3.92	-6.300	-0.0037	-2.5 to 2.5	Pass
				-20	3.92	-6.300	-0.0037	-2.5 to 2.5	Pass
				-10	3.92	-2.200	-0.0013	-2.5 to 2.5	Pass
				0	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				10	3.92	-6.300	-0.0037	-2.5 to 2.5	Pass
				30	3.92	-1.000	-0.0006	-2.5 to 2.5	Pass
				40	3.92	1.800	0.0010	-2.5 to 2.5	Pass
				50	3.92	1.100	0.0006	-2.5 to 2.5	Pass
	1745	75	0	20	3.4	3.200	0.0018	-2.5 to 2.5	Pass
					3.92	5.900	0.0034	-2.5 to 2.5	Pass
					4.5	4.300	0.0025	-2.5 to 2.5	Pass
				-30	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				-20	3.92	6.300	0.0036	-2.5 to 2.5	Pass
				-10	3.92	5.700	0.0033	-2.5 to 2.5	Pass
				0	3.92	6.000	0.0034	-2.5 to 2.5	Pass
				10	3.92	2.100	0.0012	-2.5 to 2.5	Pass
				30	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				40	3.92	2.700	0.0015	-2.5 to 2.5	Pass
				50	3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.4	-2.600	-0.0015	-2.5 to 2.5	Pass
					3.92	-0.900	-0.0005	-2.5 to 2.5	Pass
					4.5	-2.000	-0.0011	-2.5 to 2.5	Pass
				-30	3.92	-4.000	-0.0023	-2.5 to 2.5	Pass
				-20	3.92	-2.200	-0.0012	-2.5 to 2.5	Pass
				-10	3.92	-1.100	-0.0006	-2.5 to 2.5	Pass
				0	3.92	-0.700	-0.0004	-2.5 to 2.5	Pass
				10	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
				30	3.92	0.800	0.0005	-2.5 to 2.5	Pass
				40	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
				50	3.92	-0.800	-0.0005	-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	3.4	-6.100	-0.0035	-2.5 to 2.5	Pass
					3.92	-2.000	-0.0012	-2.5 to 2.5	Pass
					4.5	-2.500	-0.0015	-2.5 to 2.5	Pass
				-30	3.92	-5.100	-0.0030	-2.5 to 2.5	Pass
				-20	3.92	2.800	0.0016	-2.5 to 2.5	Pass
				-10	3.92	-6.800	-0.0040	-2.5 to 2.5	Pass
				0	3.92	-1.200	-0.0007	-2.5 to 2.5	Pass
				10	3.92	-3.200	-0.0019	-2.5 to 2.5	Pass
				30	3.92	1.100	0.0006	-2.5 to 2.5	Pass
				40	3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
				50	3.92	-6.600	-0.0038	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	-2.400	-0.0014	-2.5 to 2.5	Pass
					3.92	4.300	0.0025	-2.5 to 2.5	Pass
					4.5	6.100	0.0035	-2.5 to 2.5	Pass
				-30	3.92	3.400	0.0019	-2.5 to 2.5	Pass
				-20	3.92	4.500	0.0026	-2.5 to 2.5	Pass
				-10	3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
				0	3.92	1.200	0.0007	-2.5 to 2.5	Pass
				10	3.92	5.000	0.0029	-2.5 to 2.5	Pass
				30	3.92	2.800	0.0016	-2.5 to 2.5	Pass
				40	3.92	1.000	0.0006	-2.5 to 2.5	Pass
				50	3.92	-2.100	-0.0012	-2.5 to 2.5	Pass
	1770	100	0	20	3.4	-2.800	-0.0016	-2.5 to 2.5	Pass
					3.92	-4.100	-0.0023	-2.5 to 2.5	Pass
					4.5	-1.700	-0.0010	-2.5 to 2.5	Pass
				-30	3.92	-9.800	-0.0055	-2.5 to 2.5	Pass
				-20	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				-10	3.92	1.200	0.0007	-2.5 to 2.5	Pass
				0	3.92	-3.900	-0.0022	-2.5 to 2.5	Pass
				10	3.92	-1.600	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-7.100	-0.0040	-2.5 to 2.5	Pass
				40	3.92	2.700	0.0015	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.4	-6.300	-0.0037	-2.5 to 2.5	Pass
					3.92	-7.200	-0.0042	-2.5 to 2.5	Pass
					4.5	-5.700	-0.0033	-2.5 to 2.5	Pass
				-30	3.92	0.500	0.0003	-2.5 to 2.5	Pass
				-20	3.92	-5.800	-0.0034	-2.5 to 2.5	Pass
				-10	3.92	-5.500	-0.0032	-2.5 to 2.5	Pass
				0	3.92	-8.000	-0.0047	-2.5 to 2.5	Pass
				10	3.92	-11.900	-0.0069	-2.5 to 2.5	Pass
				30	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				40	3.92	-5.000	-0.0029	-2.5 to 2.5	Pass
				50	3.92	-1.800	-0.0010	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	-0.700	-0.0004	-2.5 to 2.5	Pass
					3.92	1.300	0.0007	-2.5 to 2.5	Pass
					4.5	2.400	0.0014	-2.5 to 2.5	Pass
				-30	3.92	1.800	0.0010	-2.5 to 2.5	Pass
				-20	3.92	0.900	0.0005	-2.5 to 2.5	Pass
				-10	3.92	1.400	0.0008	-2.5 to 2.5	Pass
				0	3.92	2.700	0.0015	-2.5 to 2.5	Pass
				10	3.92	4.000	0.0023	-2.5 to 2.5	Pass
				30	3.92	2.200	0.0013	-2.5 to 2.5	Pass
				40	3.92	3.800	0.0022	-2.5 to 2.5	Pass
				50	3.92	0.700	0.0004	-2.5 to 2.5	Pass
	1770	100	0	20	3.4	-5.600	-0.0032	-2.5 to 2.5	Pass

					3.92	-1.400	-0.0008	-2.5 to 2.5	Pass
					4.5	-1.700	-0.0010	-2.5 to 2.5	Pass
				-30	3.92	1.600	0.0009	-2.5 to 2.5	Pass
				-20	3.92	1.300	0.0007	-2.5 to 2.5	Pass
				-10	3.92	-2.100	-0.0012	-2.5 to 2.5	Pass
				0	3.92	-3.900	-0.0022	-2.5 to 2.5	Pass
				10	3.92	-2.800	-0.0016	-2.5 to 2.5	Pass
				30	3.92	-2.600	-0.0015	-2.5 to 2.5	Pass
				40	3.92	0.800	0.0005	-2.5 to 2.5	Pass
				50	3.92	-0.600	-0.0003	-2.5 to 2.5	Pass
64QAM	1720	100	0	20	3.4	-0.200	-0.0001	-2.5 to 2.5	Pass
					3.92	1.200	0.0007	-2.5 to 2.5	Pass
					4.5	4.100	0.0024	-2.5 to 2.5	Pass
				-30	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.92	4.900	0.0028	-2.5 to 2.5	Pass
				-10	3.92	-1.500	-0.0009	-2.5 to 2.5	Pass
				0	3.92	-2.300	-0.0013	-2.5 to 2.5	Pass
				10	3.92	-1.100	-0.0006	-2.5 to 2.5	Pass
				30	3.92	-1.700	-0.0010	-2.5 to 2.5	Pass
				40	3.92	-1.000	-0.0006	-2.5 to 2.5	Pass
				50	3.92	-0.300	-0.0002	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	0.900	0.0005	-2.5 to 2.5	Pass
					3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
					4.5	-4.000	-0.0023	-2.5 to 2.5	Pass
				-30	3.92	-3.400	-0.0019	-2.5 to 2.5	Pass
				-20	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
				-10	3.92	-3.600	-0.0021	-2.5 to 2.5	Pass
				0	3.92	4.500	0.0026	-2.5 to 2.5	Pass
				10	3.92	-1.800	-0.0010	-2.5 to 2.5	Pass
				30	3.92	-3.800	-0.0022	-2.5 to 2.5	Pass
				40	3.92	-4.000	-0.0023	-2.5 to 2.5	Pass
				50	3.92	0.100	0.0001	-2.5 to 2.5	Pass
	1770	100	0	20	3.4	-4.100	-0.0023	-2.5 to 2.5	Pass
					3.92	-4.800	-0.0027	-2.5 to 2.5	Pass
					4.5	-4.300	-0.0024	-2.5 to 2.5	Pass
				-30	3.92	-4.500	-0.0025	-2.5 to 2.5	Pass
				-20	3.92	-4.800	-0.0027	-2.5 to 2.5	Pass
				-10	3.92	-3.800	-0.0021	-2.5 to 2.5	Pass
				0	3.92	-3.900	-0.0022	-2.5 to 2.5	Pass
				10	3.92	-5.500	-0.0031	-2.5 to 2.5	Pass
				30	3.92	-4.800	-0.0027	-2.5 to 2.5	Pass
				40	3.92	2.100	0.0012	-2.5 to 2.5	Pass
				50	3.92	1.700	0.0010	-2.5 to 2.5	Pass
256QAM	1720	100	0	20	3.4	4.700	0.0027	-2.5 to 2.5	Pass
					3.92	2.800	0.0016	-2.5 to 2.5	Pass
					4.5	2.100	0.0012	-2.5 to 2.5	Pass
				-30	3.92	6.100	0.0035	-2.5 to 2.5	Pass
				-20	3.92	1.500	0.0009	-2.5 to 2.5	Pass
				-10	3.92	3.000	0.0017	-2.5 to 2.5	Pass
				0	3.92	0.600	0.0003	-2.5 to 2.5	Pass
				10	3.92	-3.000	-0.0017	-2.5 to 2.5	Pass
				30	3.92	1.500	0.0009	-2.5 to 2.5	Pass
				40	3.92	-0.500	-0.0003	-2.5 to 2.5	Pass
				50	3.92	1.600	0.0009	-2.5 to 2.5	Pass
	1745	100	0	20	3.4	1.500	0.0009	-2.5 to 2.5	Pass
					3.92	-2.700	-0.0015	-2.5 to 2.5	Pass
					4.5	-2.900	-0.0017	-2.5 to 2.5	Pass
				-30	3.92	-5.200	-0.0030	-2.5 to 2.5	Pass
				-20	3.92	-3.600	-0.0021	-2.5 to 2.5	Pass

				-10	3.92	3.900	0.0022	-2.5 to 2.5	Pass
				0	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				10	3.92	-1.500	-0.0009	-2.5 to 2.5	Pass
				30	3.92	-2.400	-0.0014	-2.5 to 2.5	Pass
				40	3.92	-8.400	-0.0048	-2.5 to 2.5	Pass
				50	3.92	-4.000	-0.0023	-2.5 to 2.5	Pass
	1770	100	0	20	3.4	-8.600	-0.0049	-2.5 to 2.5	Pass
					3.92	-5.200	-0.0029	-2.5 to 2.5	Pass
					4.5	-8.800	-0.0050	-2.5 to 2.5	Pass
				-30	3.92	-10.700	-0.0060	-2.5 to 2.5	Pass
				-20	3.92	-1.900	-0.0011	-2.5 to 2.5	Pass
				-10	3.92	-7.000	-0.0040	-2.5 to 2.5	Pass
				0	3.92	-8.300	-0.0047	-2.5 to 2.5	Pass
				10	3.92	-2.100	-0.0012	-2.5 to 2.5	Pass
				30	3.92	-5.400	-0.0031	-2.5 to 2.5	Pass
				40	3.92	-5.900	-0.0033	-2.5 to 2.5	Pass
				50	3.92	-8.700	-0.0049	-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	1.115	/	Pass
		1745	6	0	1.111	/	Pass
		1779.3	6	0	1.109	/	Pass
	16QAM	1710.7	6	0	1.117	/	Pass
		1745	6	0	1.110	/	Pass
		1779.3	6	0	1.118	/	Pass
	64QAM	1710.7	6	0	1.113	/	Pass
		1745	6	0	1.120	/	Pass
		1779.3	6	0	1.121	/	Pass
	256QAM	1710.7	6	0	1.105	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.107	/	Pass
3	QPSK	1711.5	15	0	2.733	/	Pass
		1745	15	0	2.732	/	Pass
		1778.5	15	0	2.724	/	Pass
	16QAM	1711.5	15	0	2.734	/	Pass
		1745	15	0	2.722	/	Pass
		1778.5	15	0	2.727	/	Pass
	64QAM	1711.5	15	0	2.726	/	Pass
		1745	15	0	2.722	/	Pass
		1778.5	15	0	2.723	/	Pass
	256QAM	1711.5	15	0	2.736	/	Pass
		1745	15	0	2.728	/	Pass
		1778.5	15	0	2.740	/	Pass
5	QPSK	1712.5	25	0	4.547	/	Pass
		1745	25	0	4.542	/	Pass
		1777.5	25	0	4.543	/	Pass
	16QAM	1712.5	25	0	4.537	/	Pass
		1745	25	0	4.545	/	Pass
		1777.5	25	0	4.536	/	Pass
	64QAM	1712.5	25	0	4.542	/	Pass
		1745	25	0	4.547	/	Pass
		1777.5	25	0	4.544	/	Pass
	256QAM	1712.5	25	0	4.536	/	Pass
		1745	25	0	4.522	/	Pass
		1777.5	25	0	4.530	/	Pass
10	QPSK	1715	50	0	9.046	/	Pass
		1745	50	0	9.071	/	Pass
		1775	50	0	9.085	/	Pass
	16QAM	1715	50	0	9.024	/	Pass
		1745	50	0	9.050	/	Pass
		1775	50	0	9.037	/	Pass
	64QAM	1715	50	0	9.036	/	Pass
		1745	50	0	9.078	/	Pass
		1775	50	0	9.043	/	Pass
	256QAM	1715	50	0	9.054	/	Pass
		1745	50	0	9.049	/	Pass

		1775	50	0	9.018	/	Pass
15	QPSK	1717.5	75	0	13.584	/	Pass
		1745	75	0	13.604	/	Pass
		1772.5	75	0	13.547	/	Pass
		1717.5	75	0	13.551	/	Pass
	16QAM	1745	75	0	13.555	/	Pass
		1772.5	75	0	13.557	/	Pass
		1717.5	75	0	13.537	/	Pass
	64QAM	1745	75	0	13.582	/	Pass
		1772.5	75	0	13.542	/	Pass
		1717.5	75	0	13.536	/	Pass
	256QAM	1745	75	0	13.576	/	Pass
		1772.5	75	0	13.513	/	Pass
20	QPSK	1720	100	0	18.049	/	Pass
		1745	100	0	18.097	/	Pass
		1770	100	0	18.082	/	Pass
		1720	100	0	18.047	/	Pass
	16QAM	1745	100	0	18.120	/	Pass
		1770	100	0	18.086	/	Pass
		1720	100	0	18.058	/	Pass
	64QAM	1745	100	0	18.123	/	Pass
		1770	100	0	18.028	/	Pass
		1720	100	0	18.064	/	Pass
	256QAM	1745	100	0	18.077	/	Pass
		1770	100	0	18.029	/	Pass

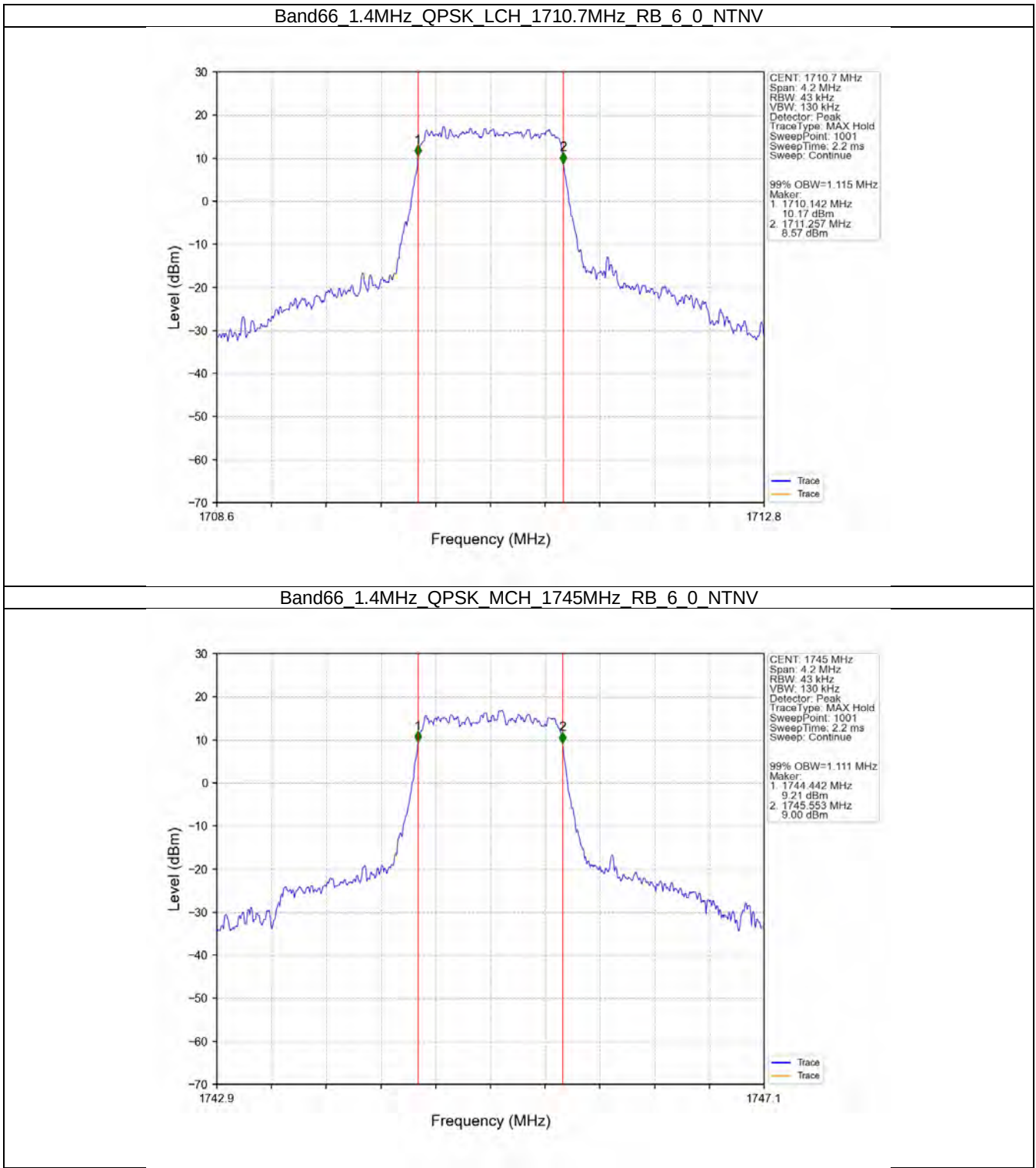
3.1.2 Band66_XDB

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	1.342	/	Pass
		1745	6	0	1.312	/	Pass
		1779.3	6	0	1.317	/	Pass
	16QAM	1710.7	6	0	1.330	/	Pass
		1745	6	0	1.307	/	Pass
		1779.3	6	0	1.317	/	Pass
	64QAM	1710.7	6	0	1.323	/	Pass
		1745	6	0	1.323	/	Pass
		1779.3	6	0	1.330	/	Pass
	256QAM	1710.7	6	0	1.315	/	Pass
		1745	6	0	1.306	/	Pass
		1779.3	6	0	1.294	/	Pass
3	QPSK	1711.5	15	0	3.031	/	Pass
		1745	15	0	3.031	/	Pass
		1778.5	15	0	3.015	/	Pass
	16QAM	1711.5	15	0	3.035	/	Pass
		1745	15	0	3.017	/	Pass
		1778.5	15	0	3.042	/	Pass
	64QAM	1711.5	15	0	2.988	/	Pass
		1745	15	0	3.003	/	Pass
		1778.5	15	0	2.999	/	Pass
	256QAM	1711.5	15	0	3.020	/	Pass
		1745	15	0	3.012	/	Pass
		1778.5	15	0	3.014	/	Pass
5	QPSK	1712.5	25	0	5.040	/	Pass
		1745	25	0	5.045	/	Pass

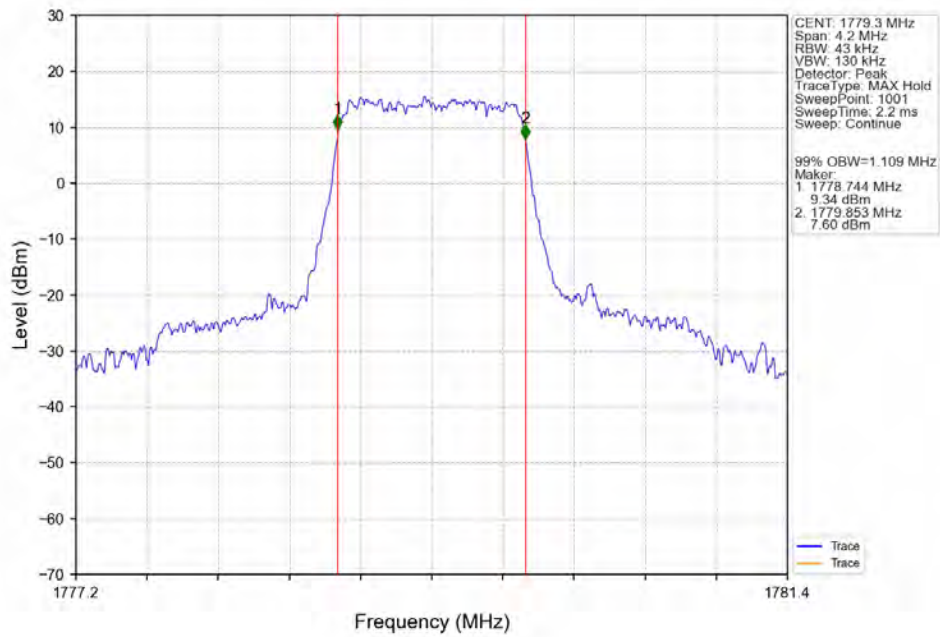
	16QAM	1777.5	25	0	5.034	/	Pass
		1712.5	25	0	5.030	/	Pass
		1745	25	0	5.050	/	Pass
		1777.5	25	0	5.024	/	Pass
	64QAM	1712.5	25	0	5.036	/	Pass
		1745	25	0	5.082	/	Pass
		1777.5	25	0	5.060	/	Pass
	256QAM	1712.5	25	0	4.980	/	Pass
		1745	25	0	5.008	/	Pass
		1777.5	25	0	5.030	/	Pass
10	QPSK	1715	50	0	9.889	/	Pass
		1745	50	0	9.991	/	Pass
		1775	50	0	9.986	/	Pass
	16QAM	1715	50	0	9.899	/	Pass
		1745	50	0	10.198	/	Pass
		1775	50	0	9.952	/	Pass
	64QAM	1715	50	0	9.975	/	Pass
		1745	50	0	10.051	/	Pass
		1775	50	0	9.948	/	Pass
	256QAM	1715	50	0	9.932	/	Pass
		1745	50	0	9.959	/	Pass
		1775	50	0	9.955	/	Pass
15	QPSK	1717.5	75	0	14.994	/	Pass
		1745	75	0	15.106	/	Pass
		1772.5	75	0	14.949	/	Pass
	16QAM	1717.5	75	0	14.982	/	Pass
		1745	75	0	14.906	/	Pass
		1772.5	75	0	14.901	/	Pass
	64QAM	1717.5	75	0	14.905	/	Pass
		1745	75	0	14.922	/	Pass
		1772.5	75	0	14.967	/	Pass
	256QAM	1717.5	75	0	14.846	/	Pass
		1745	75	0	15.057	/	Pass
		1772.5	75	0	14.933	/	Pass
20	QPSK	1720	100	0	19.815	/	Pass
		1745	100	0	19.813	/	Pass
		1770	100	0	19.788	/	Pass
	16QAM	1720	100	0	19.743	/	Pass
		1745	100	0	19.799	/	Pass
		1770	100	0	19.750	/	Pass
	64QAM	1720	100	0	19.765	/	Pass
		1745	100	0	19.981	/	Pass
		1770	100	0	19.868	/	Pass
	256QAM	1720	100	0	19.657	/	Pass
		1745	100	0	19.776	/	Pass
		1770	100	0	19.592	/	Pass

3.2 Test Graph

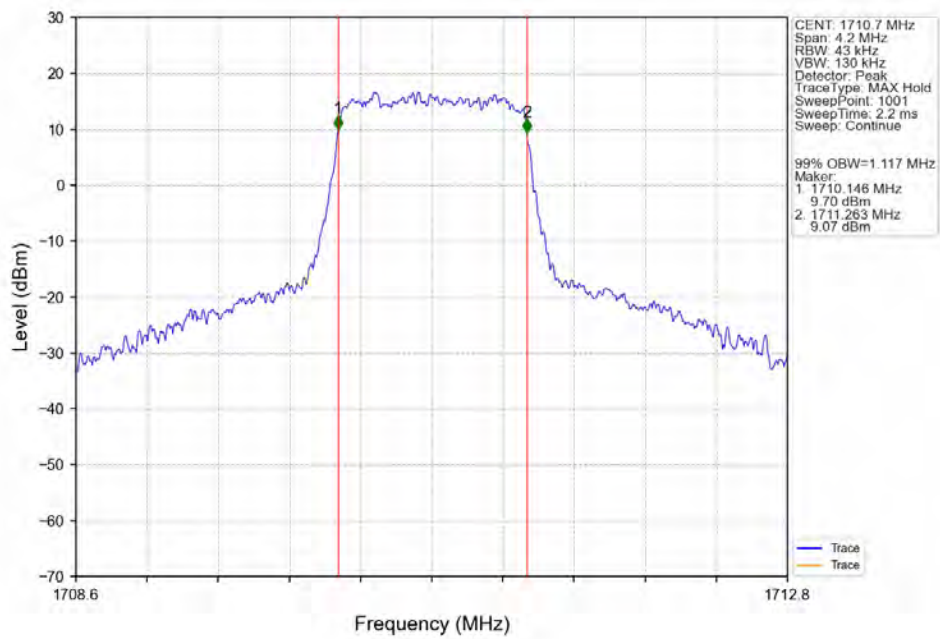
3.2.1 Band66_OBW



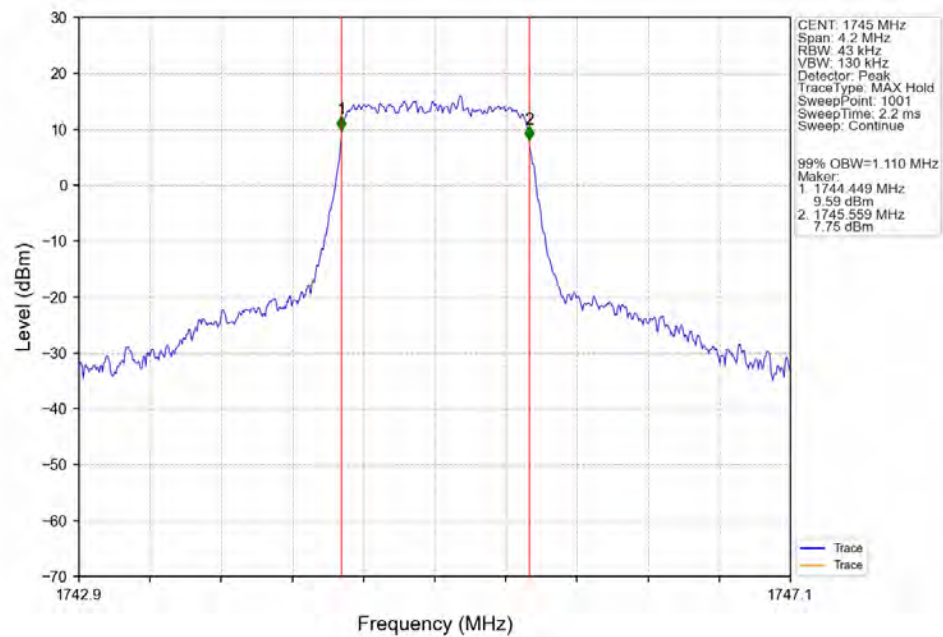
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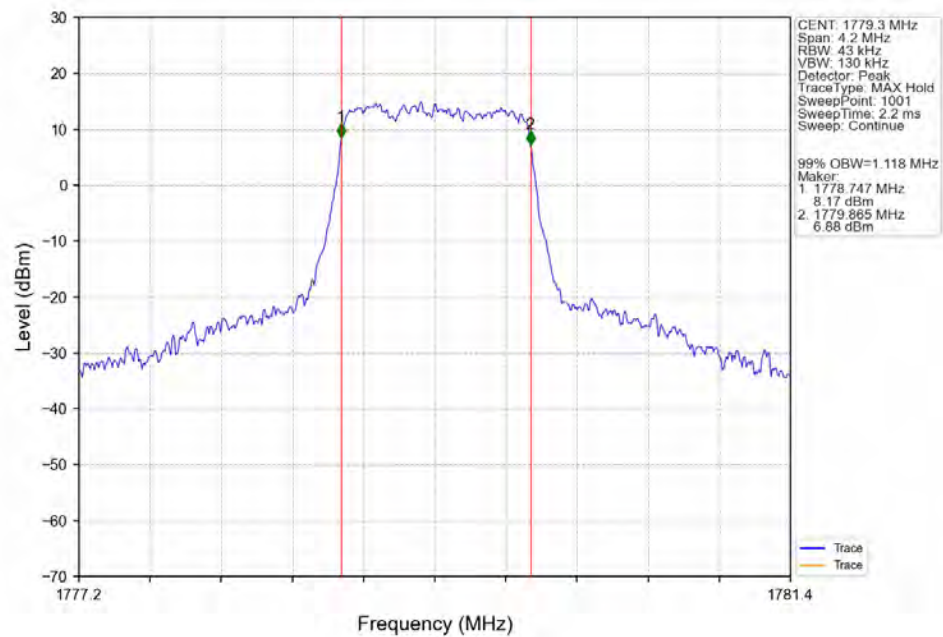
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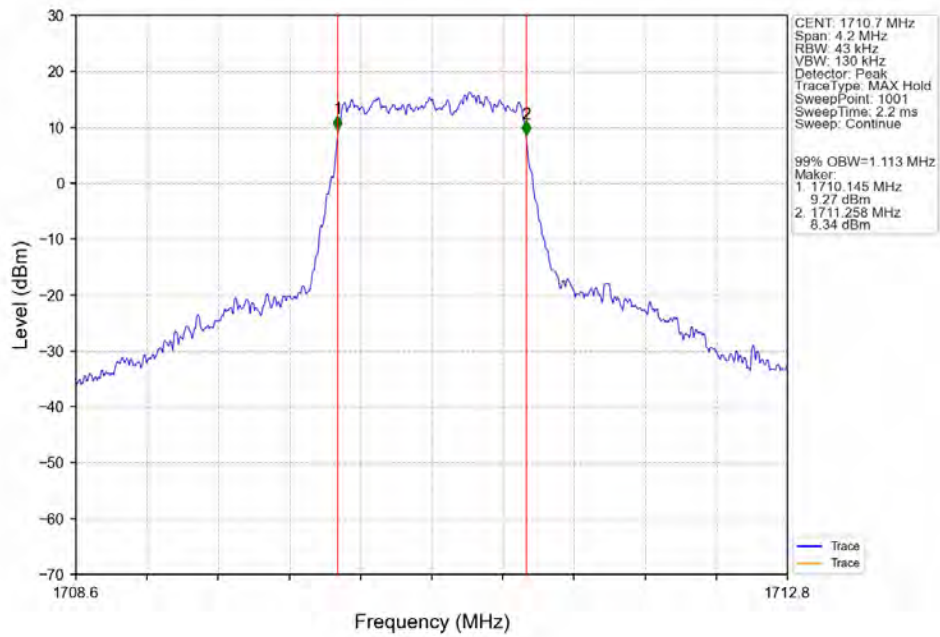
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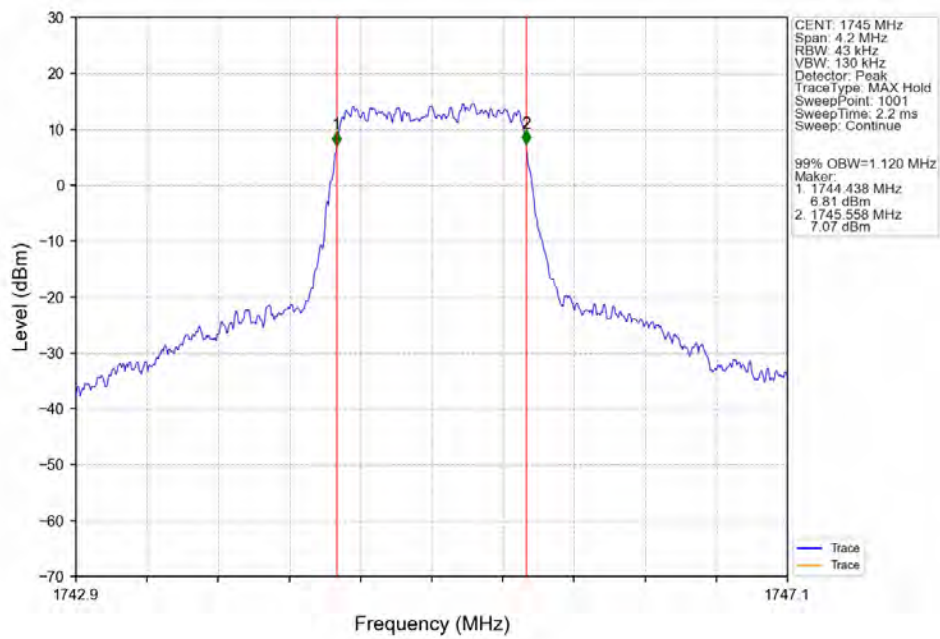
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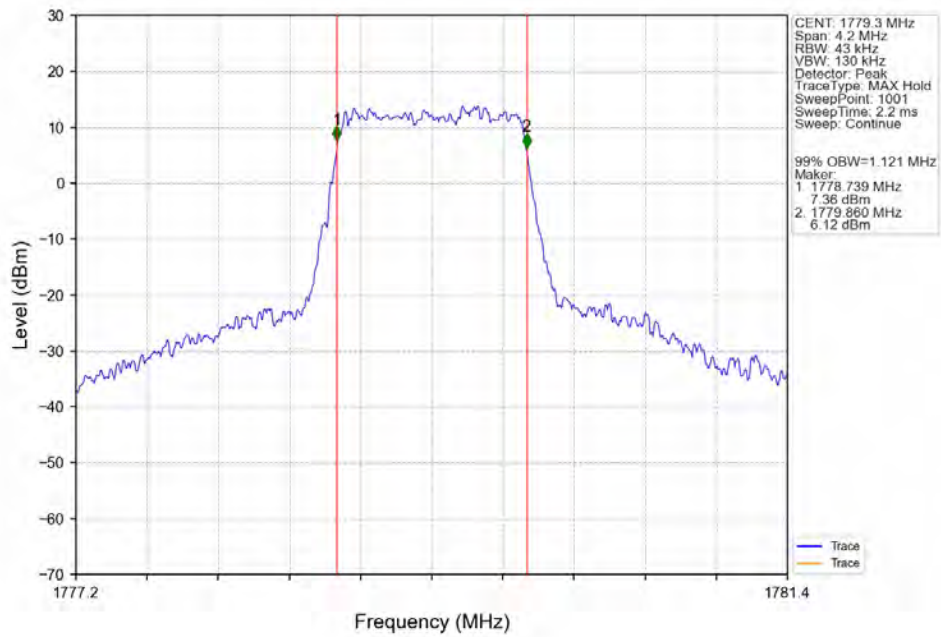
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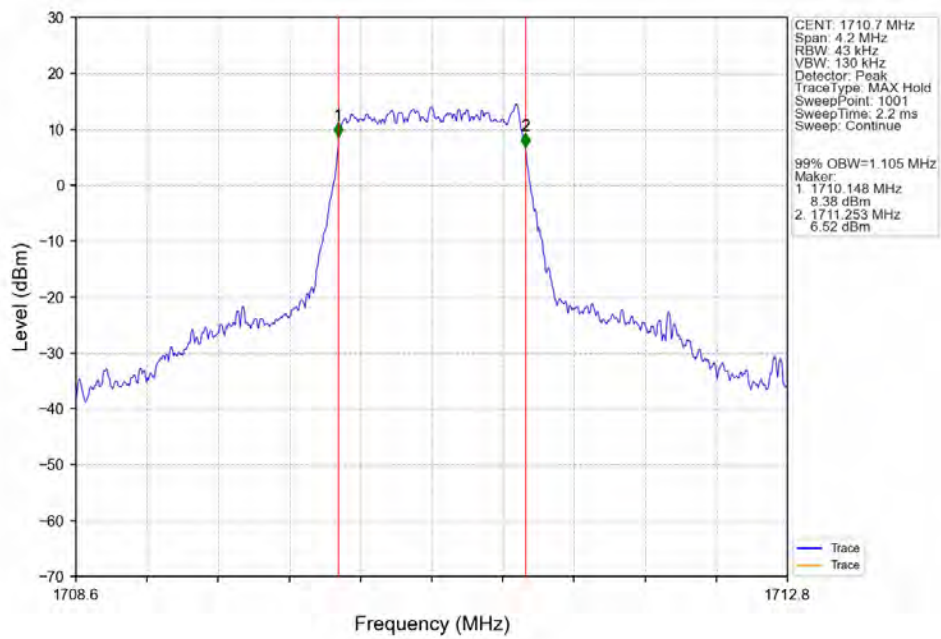
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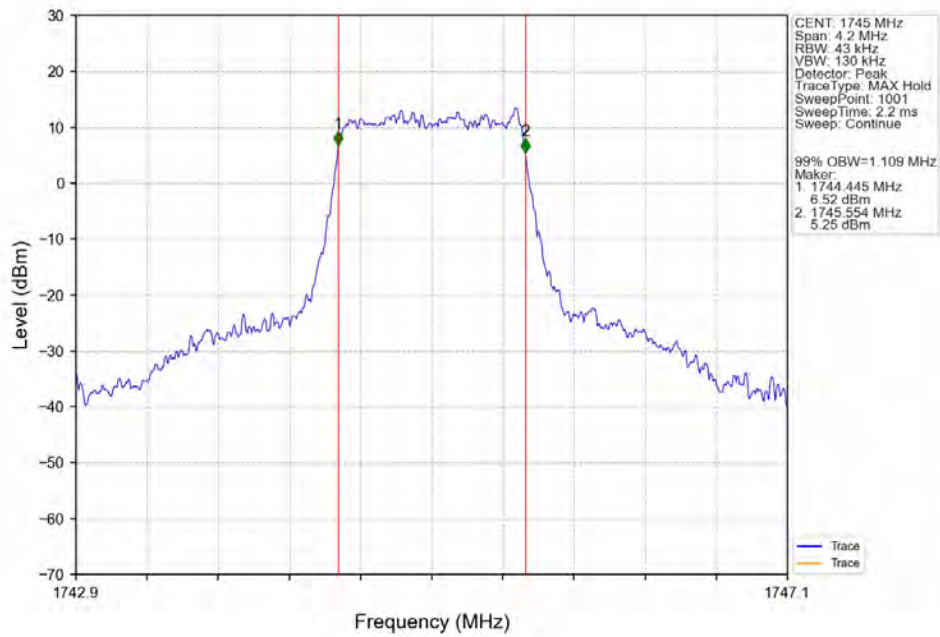
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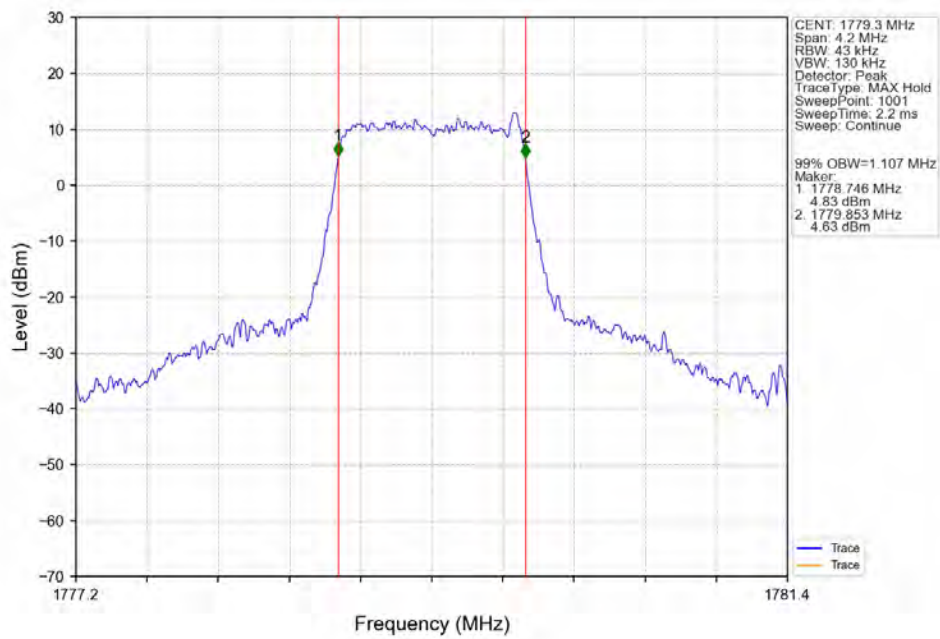
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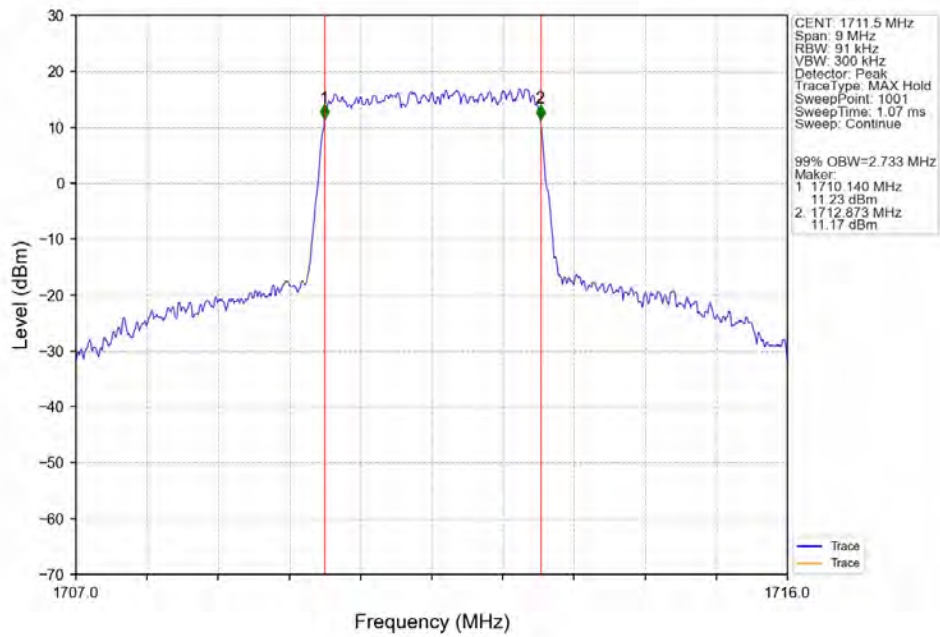
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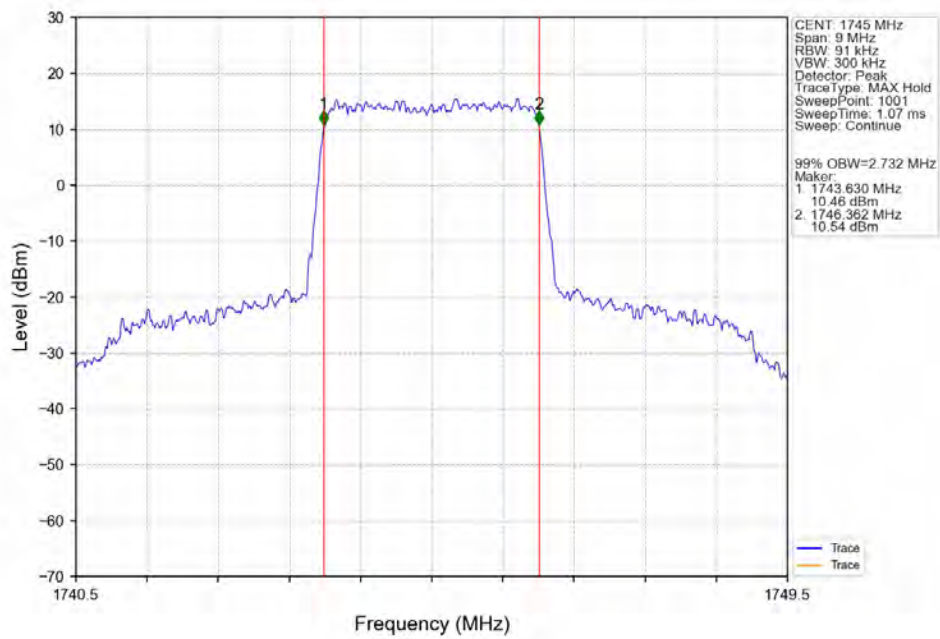
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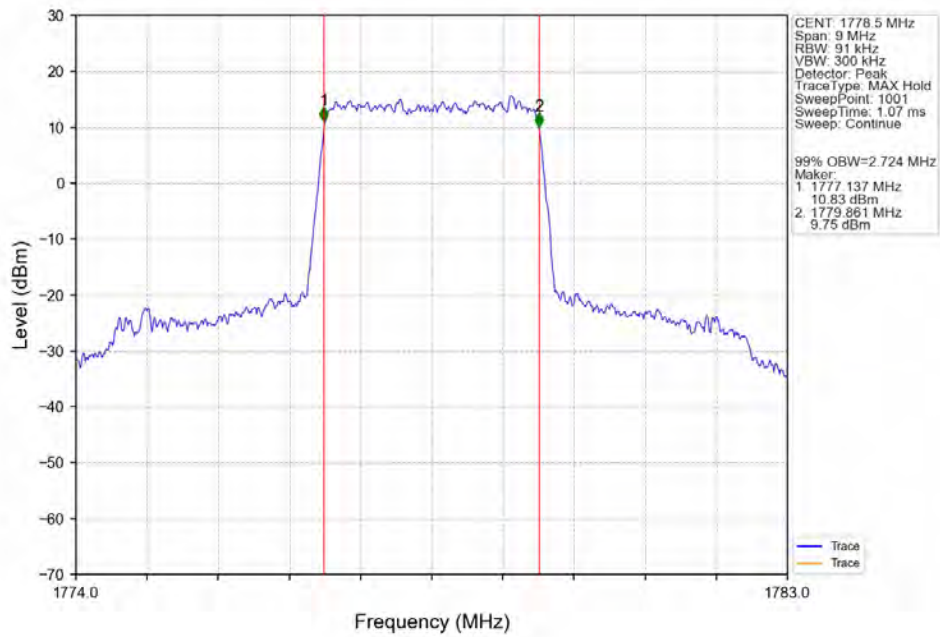
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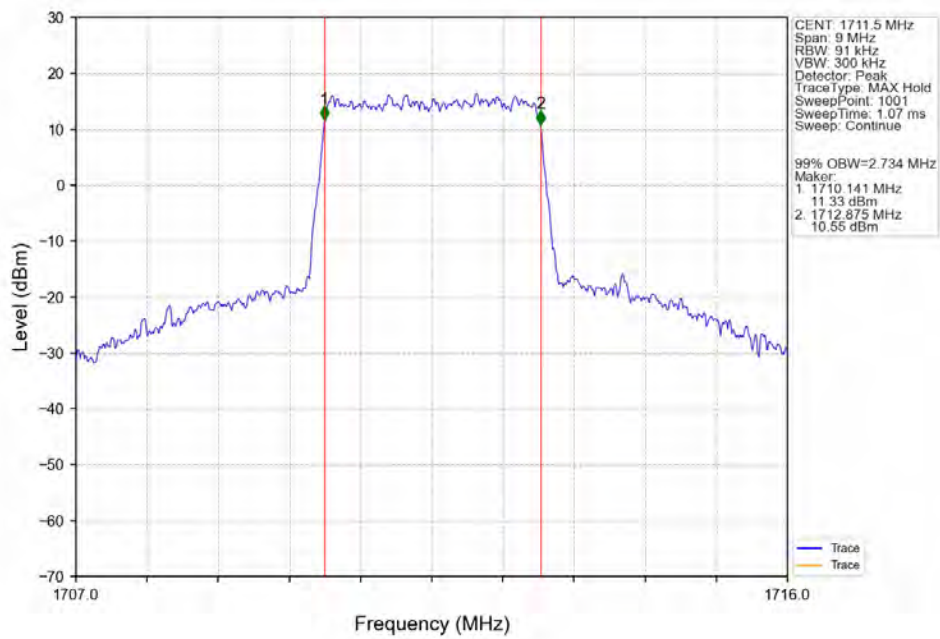
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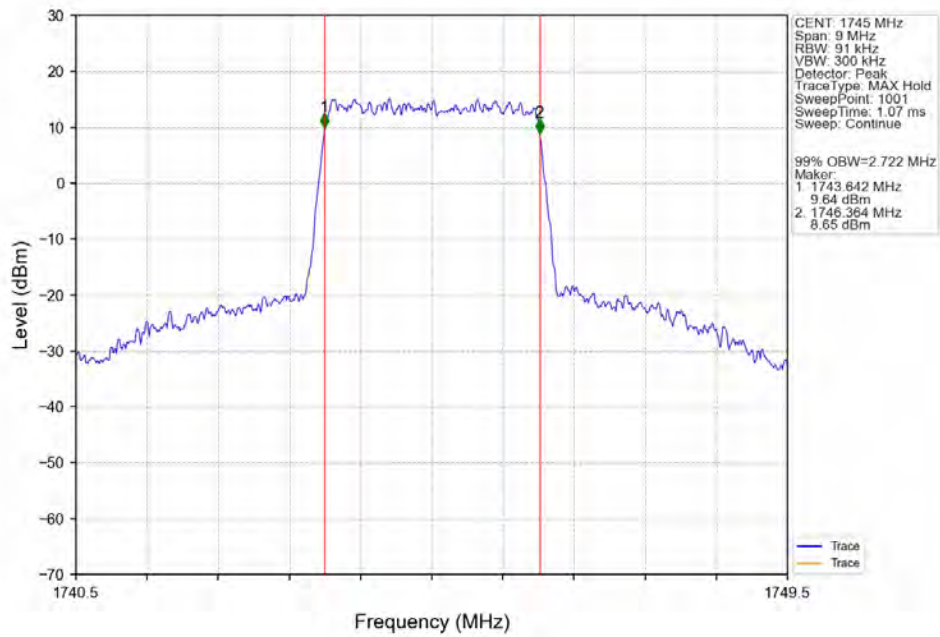
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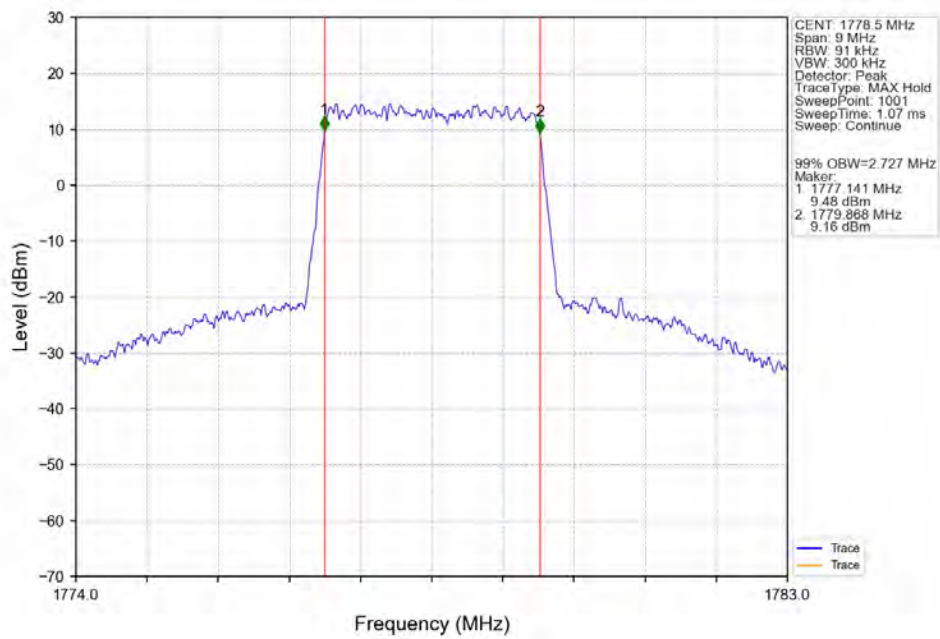
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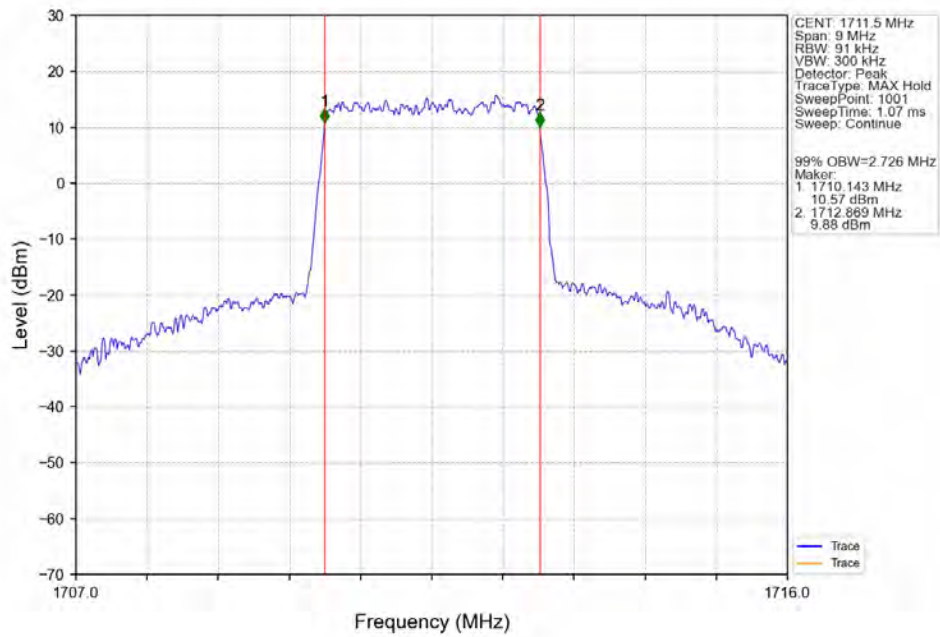
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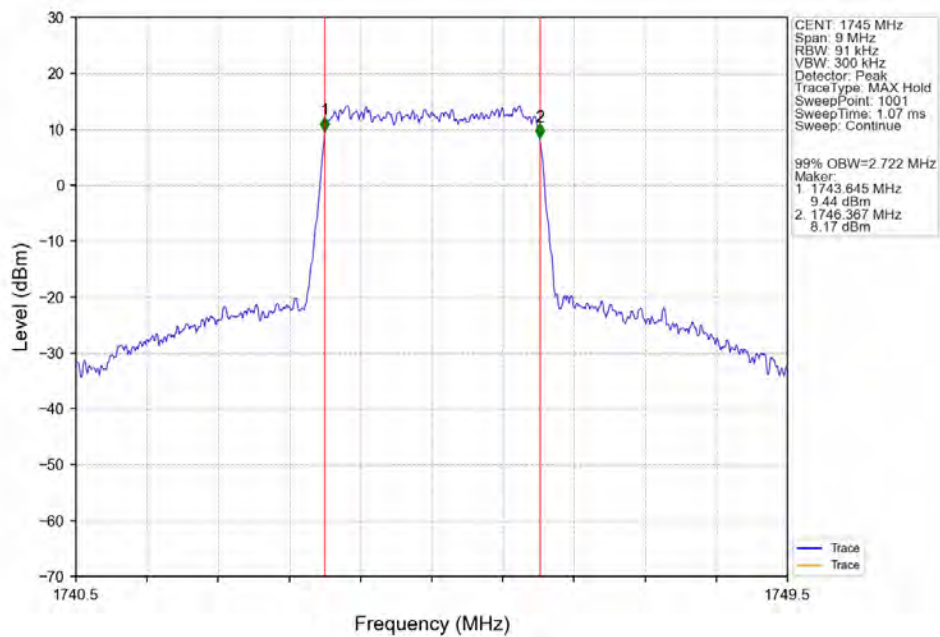
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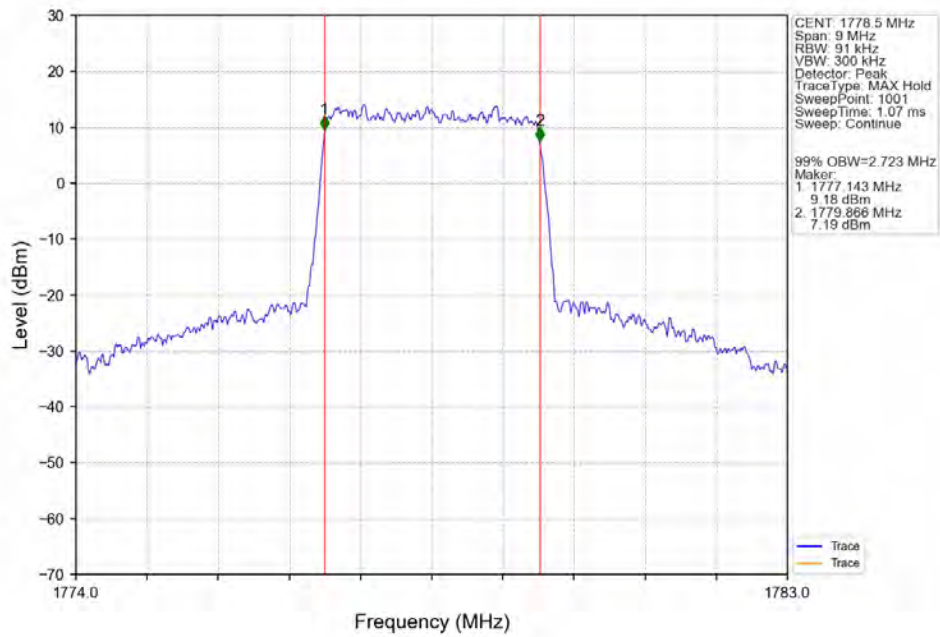
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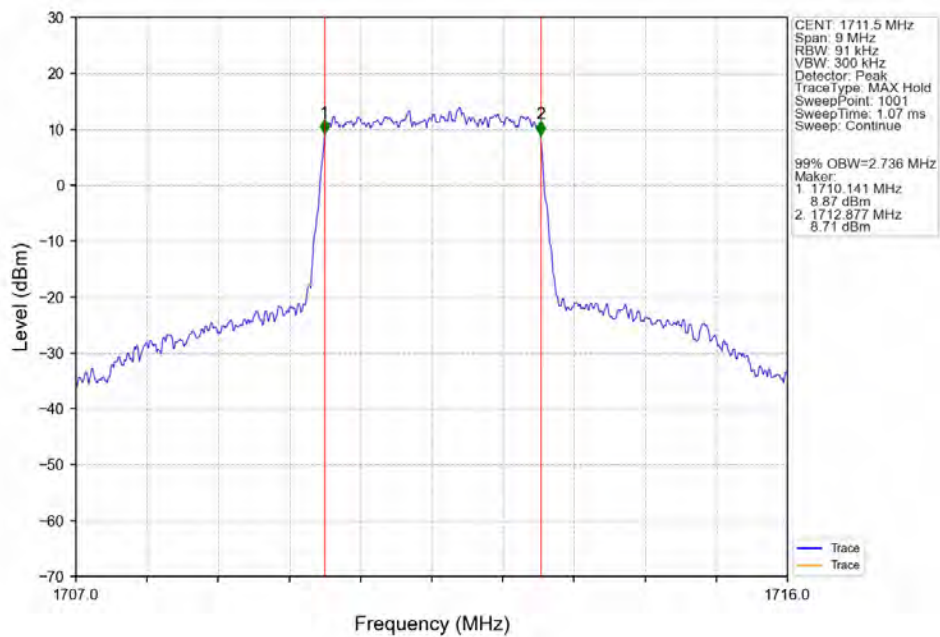
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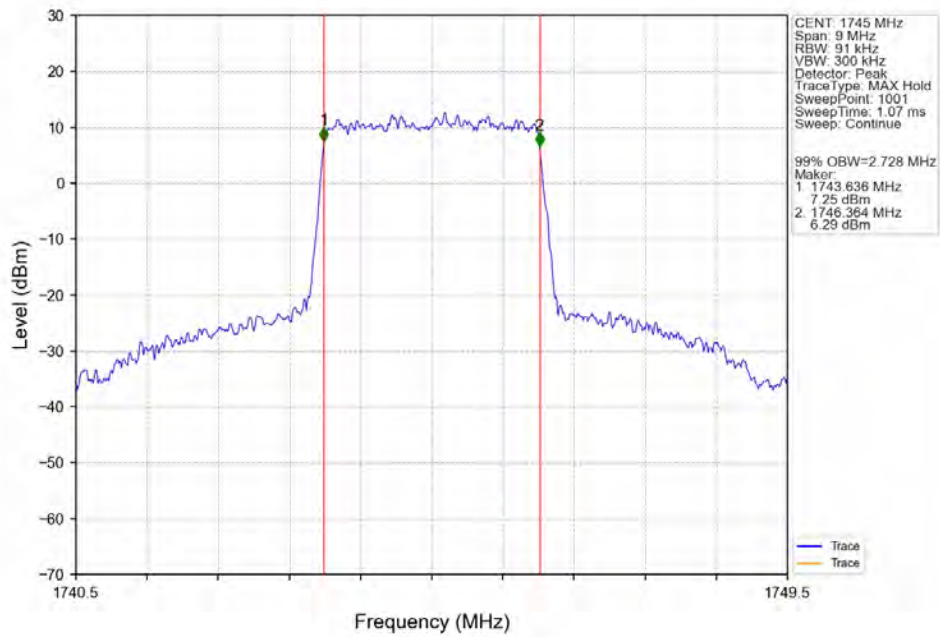
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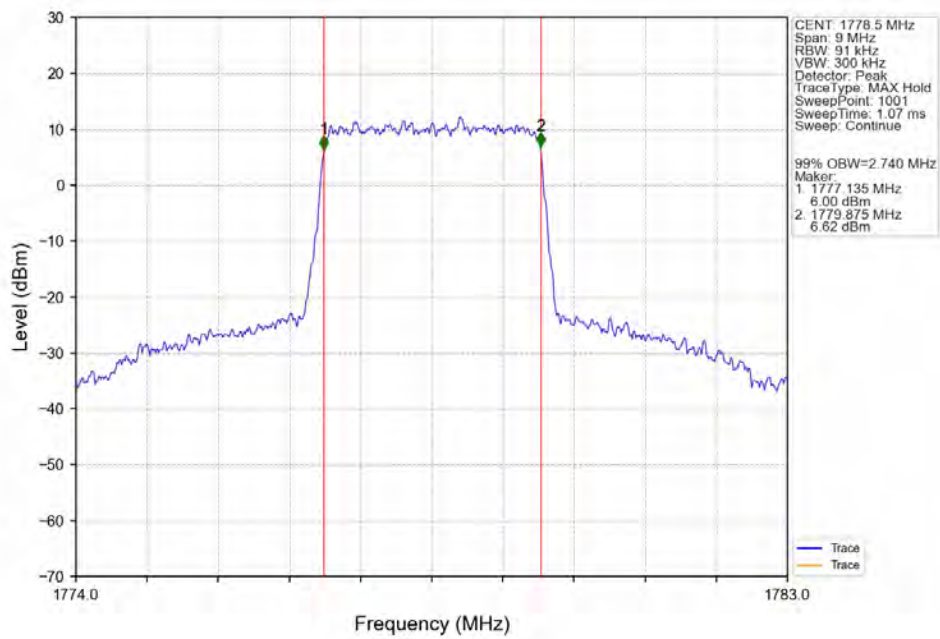
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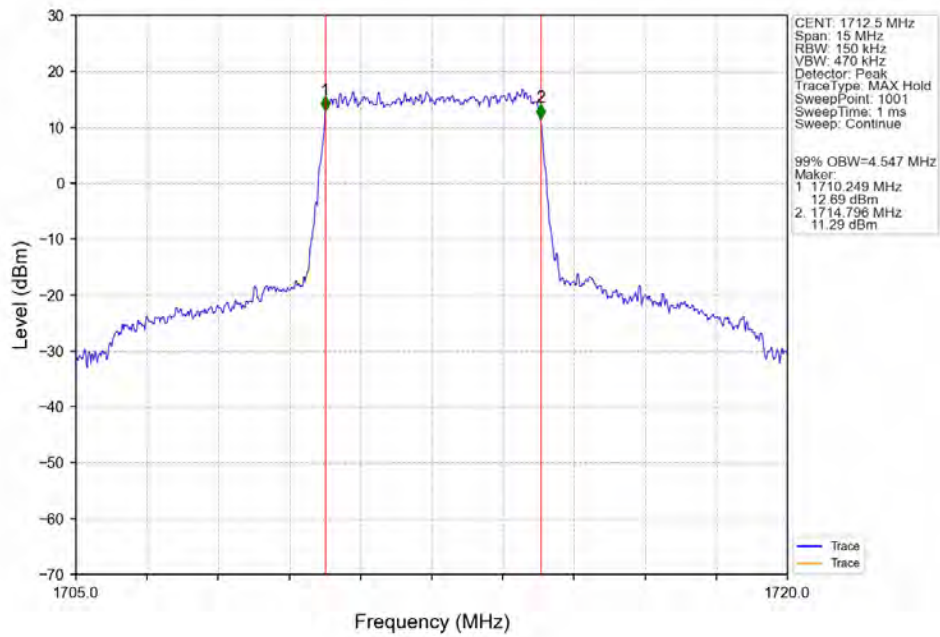
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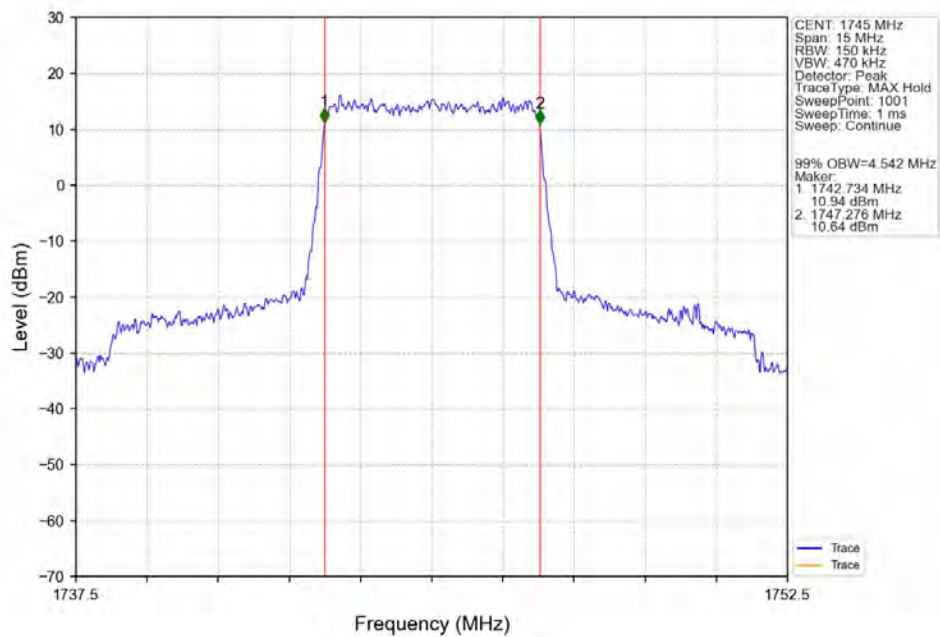
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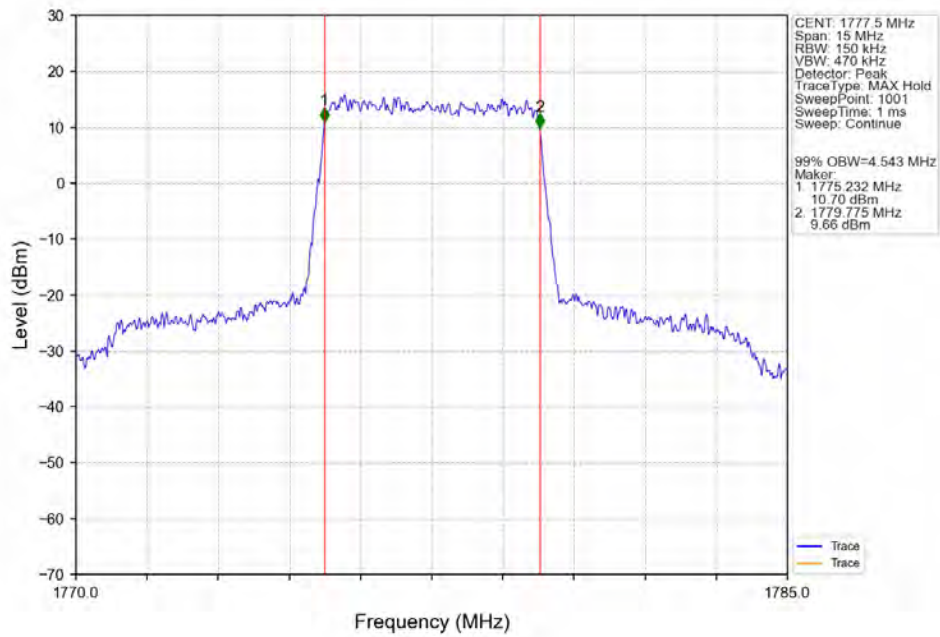
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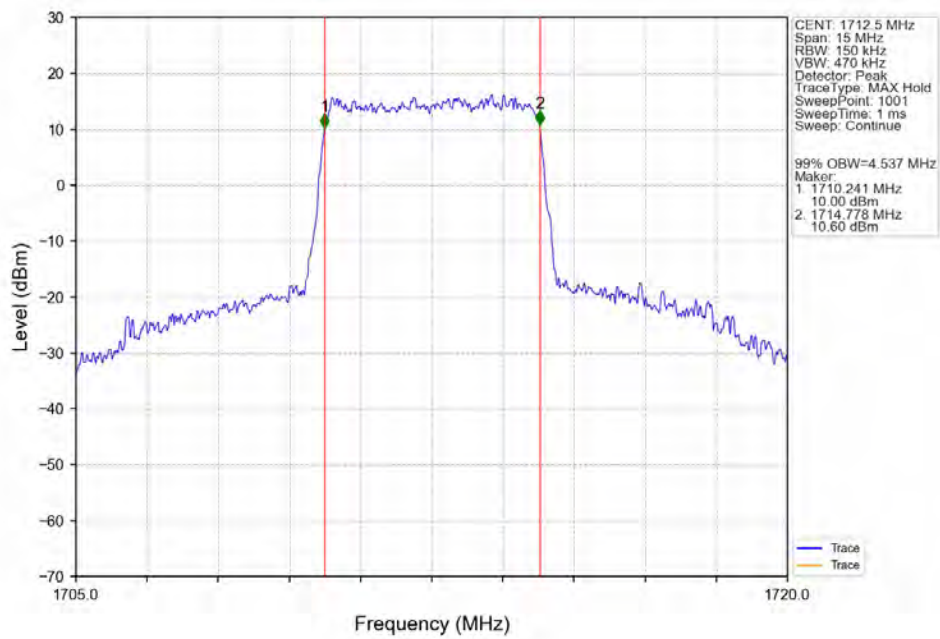
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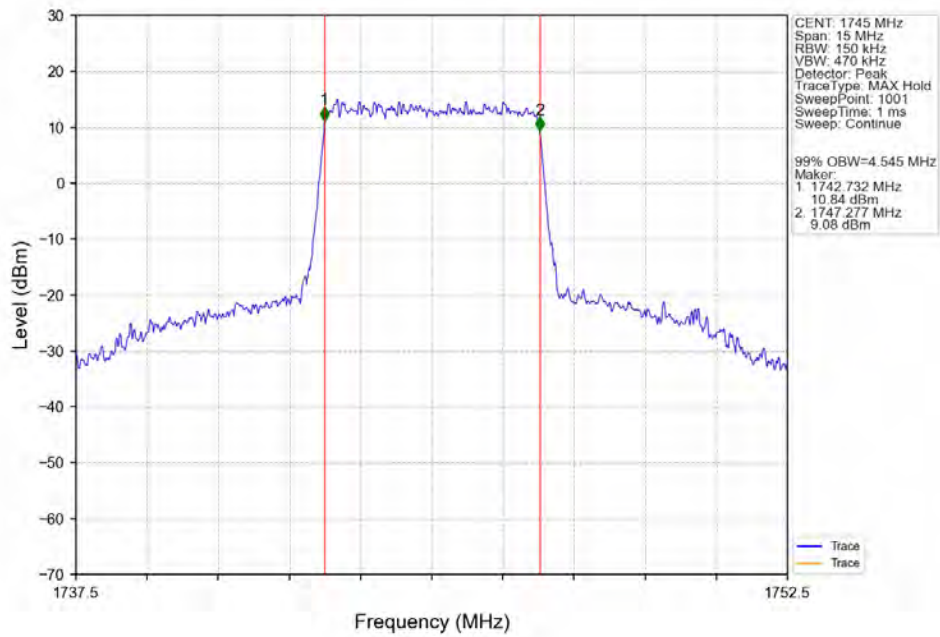
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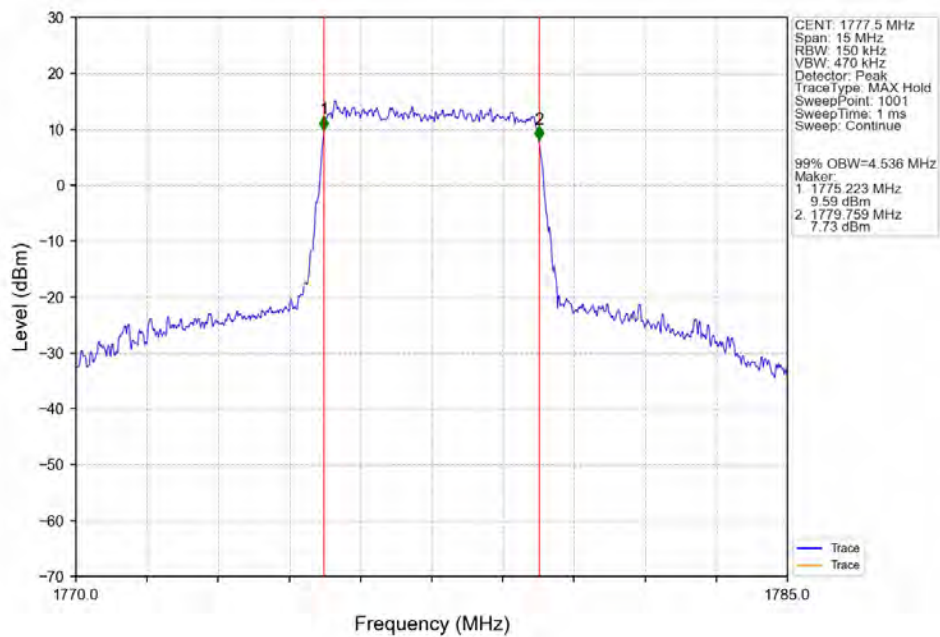
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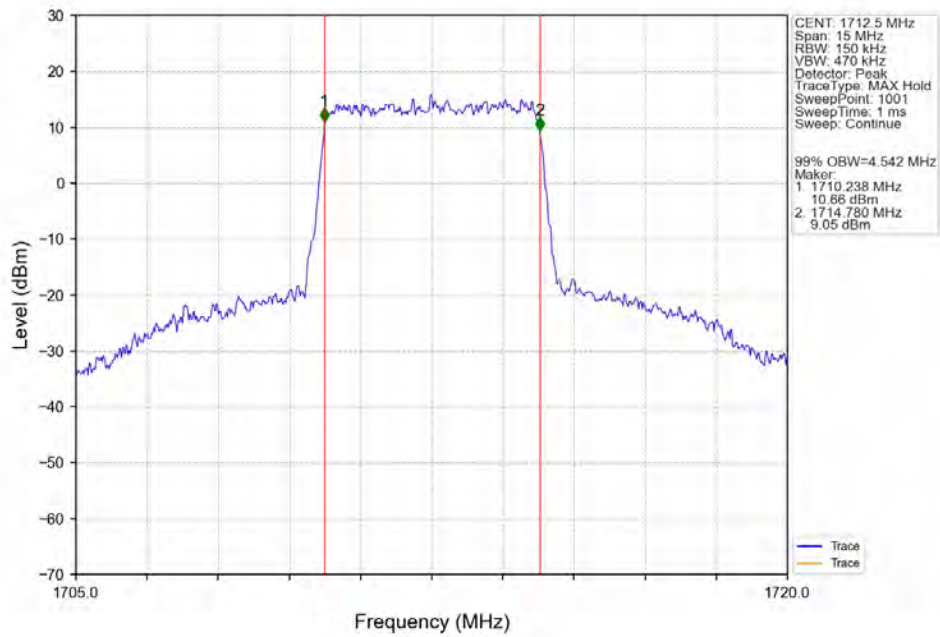
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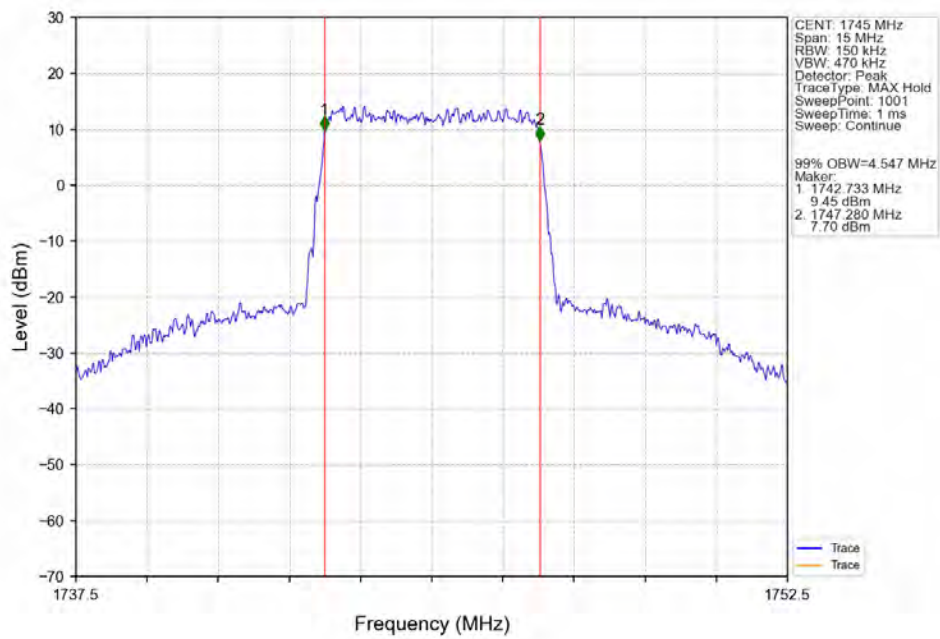
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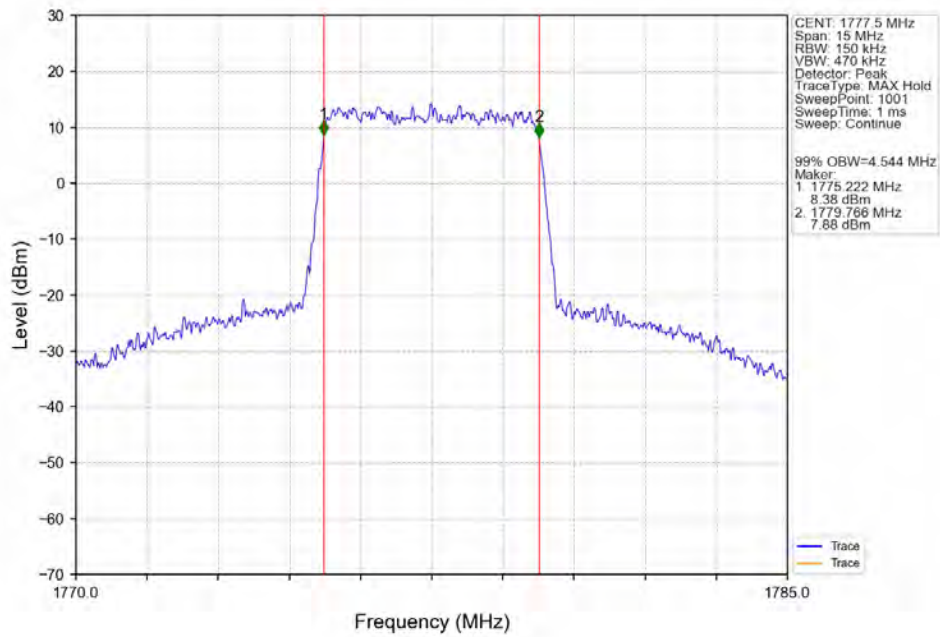
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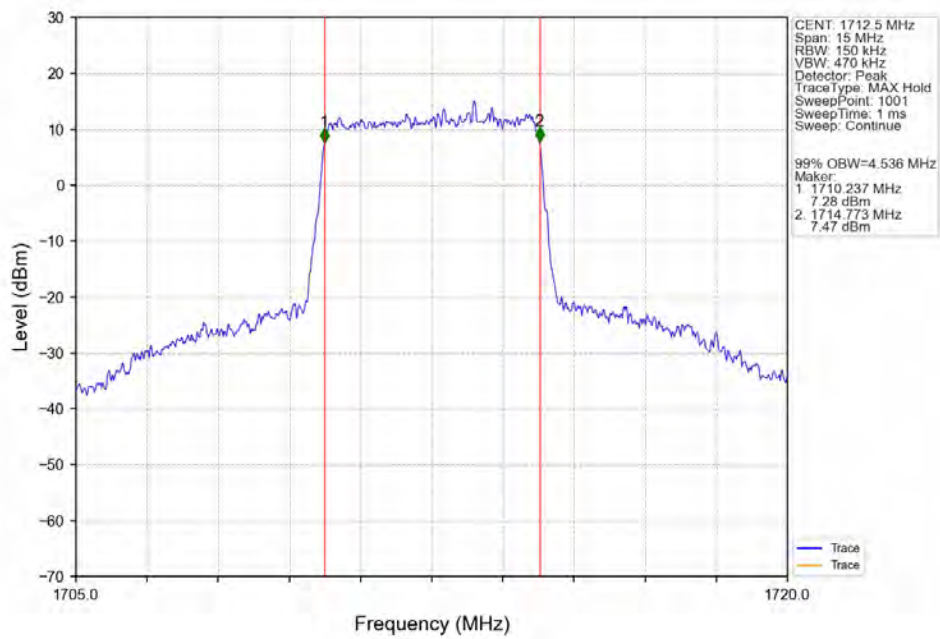
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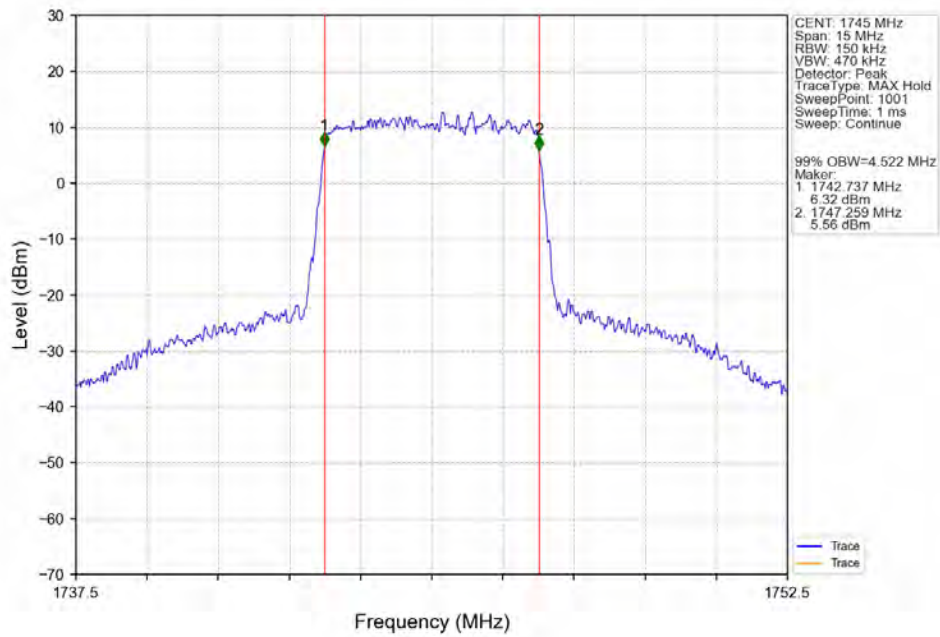
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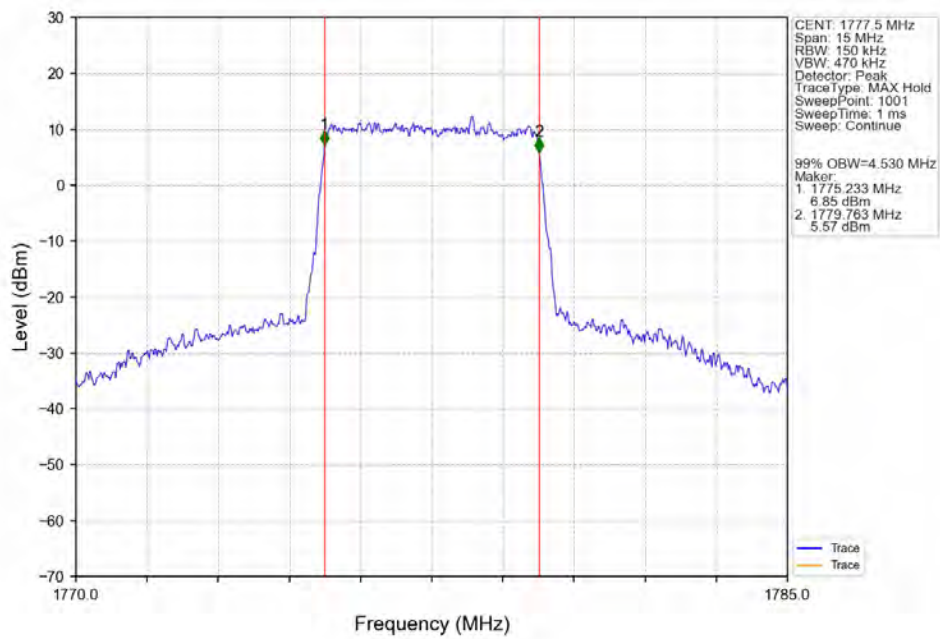
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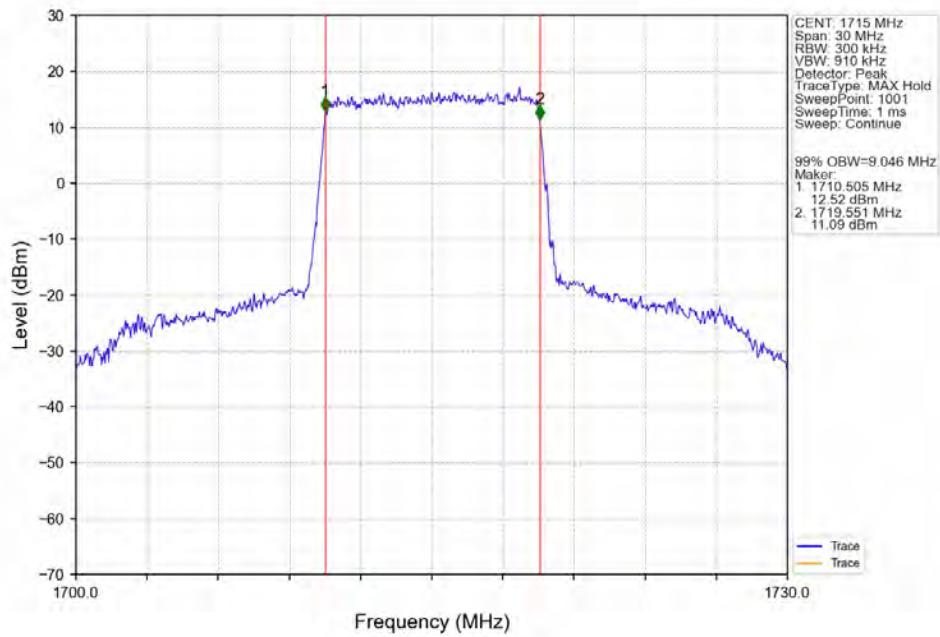
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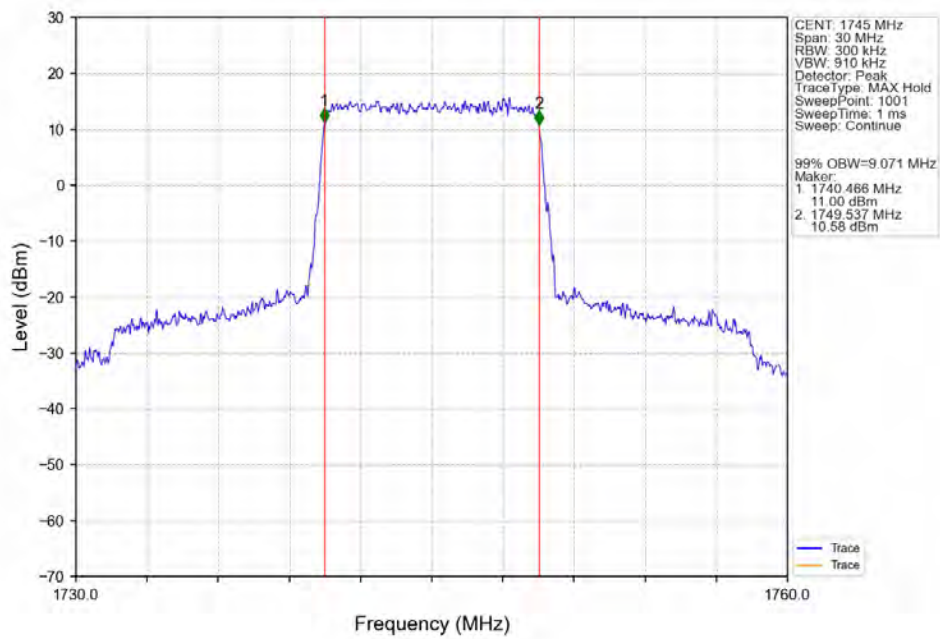
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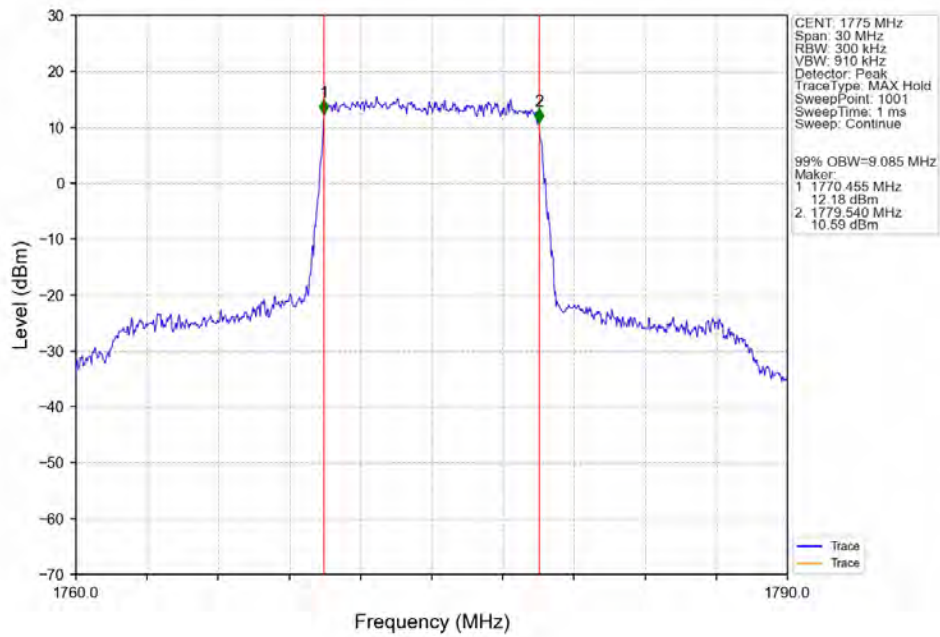
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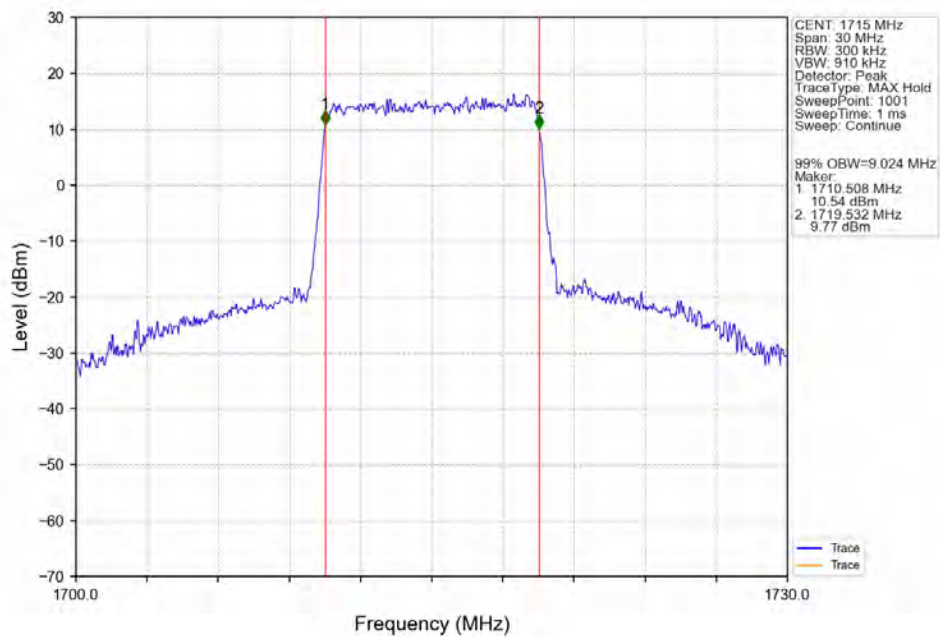
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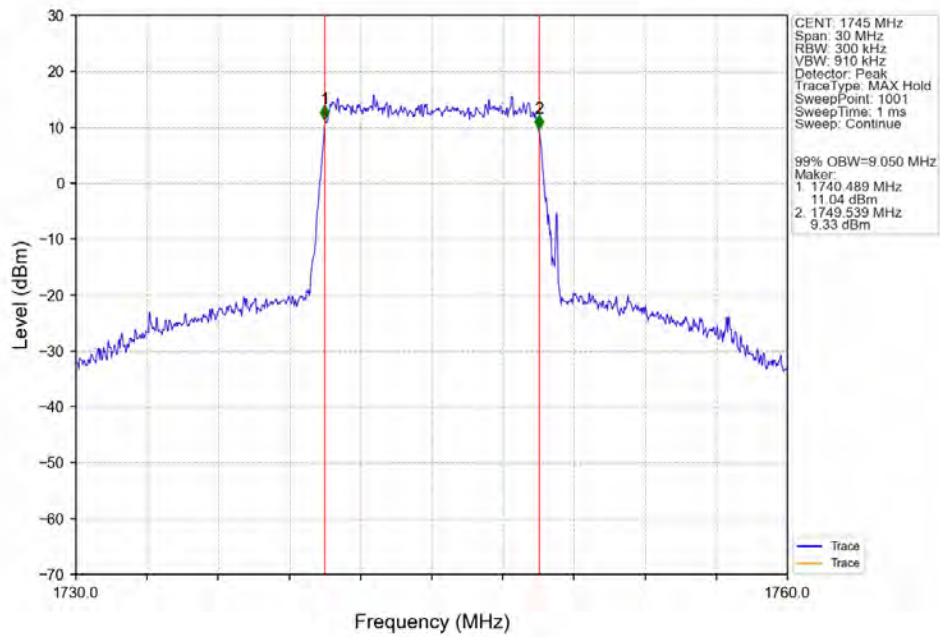
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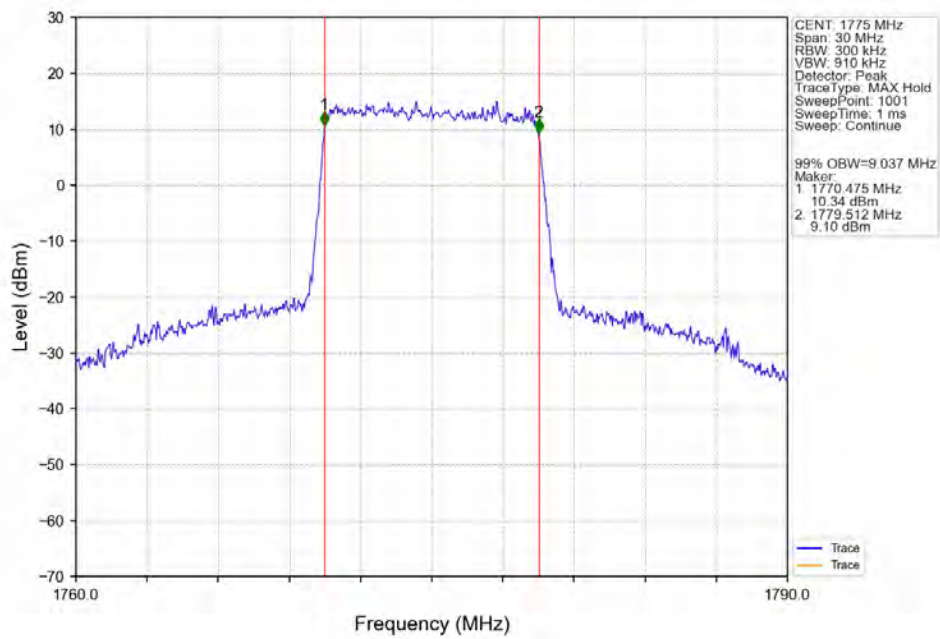
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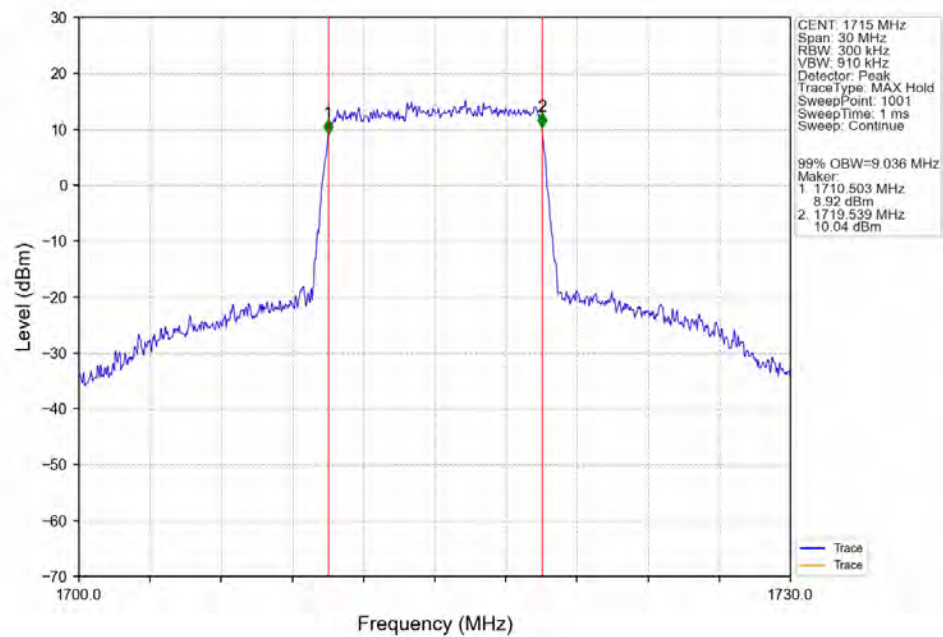
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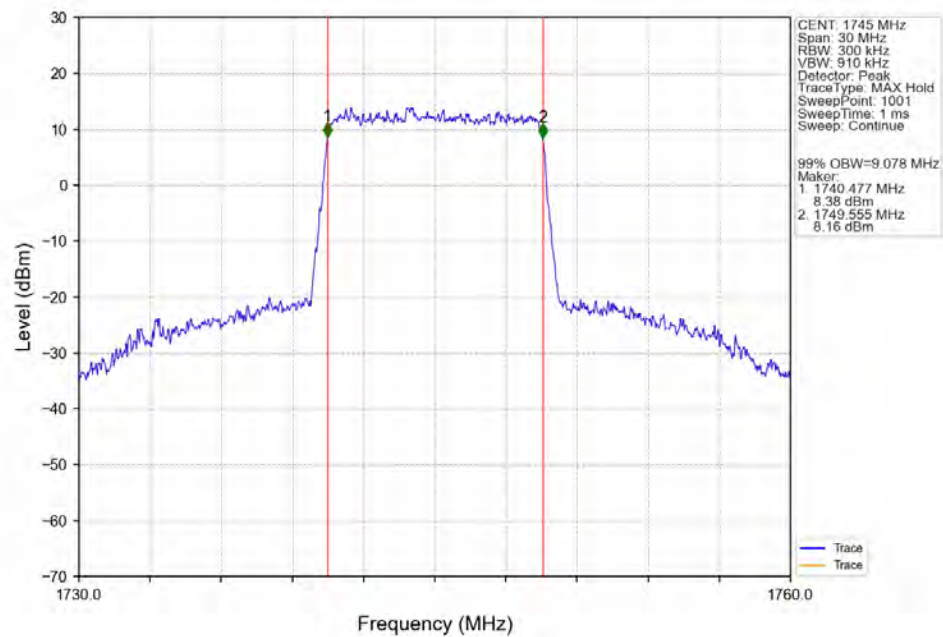
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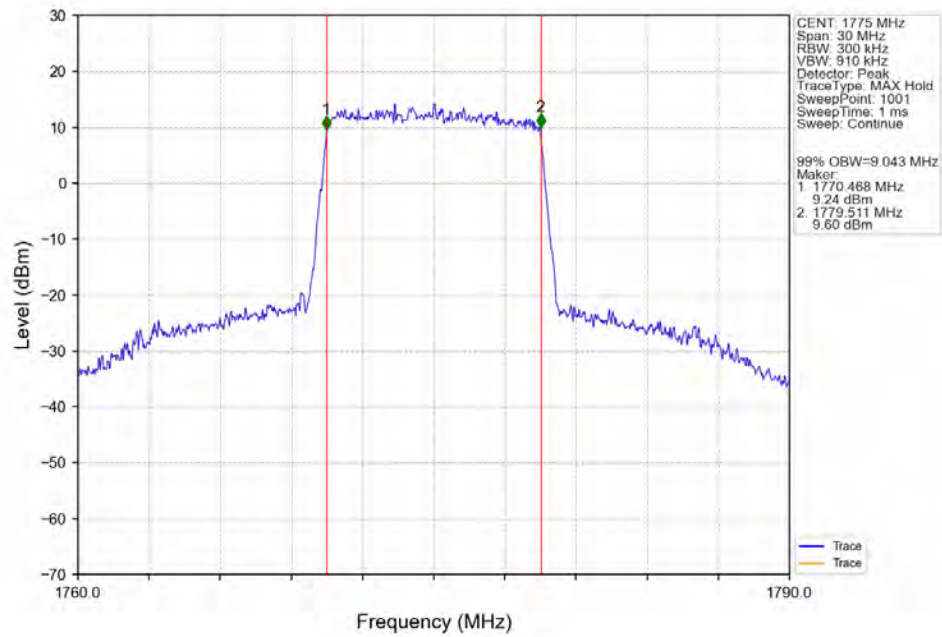
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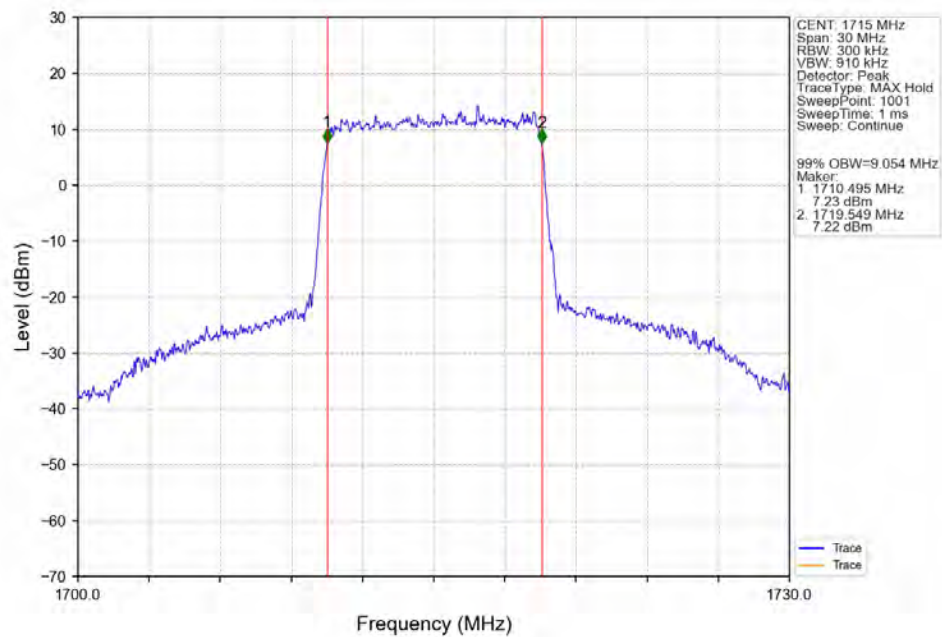
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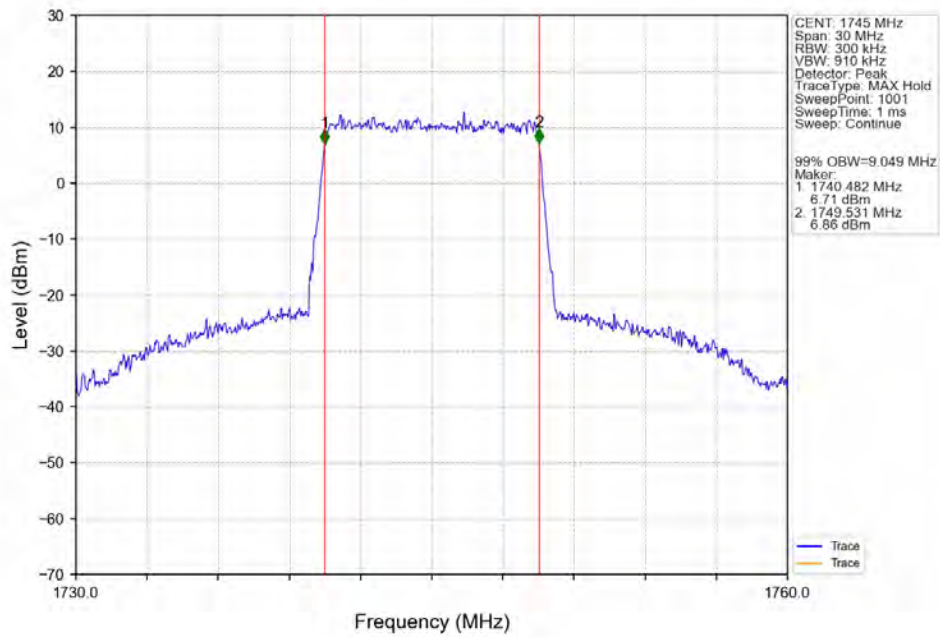
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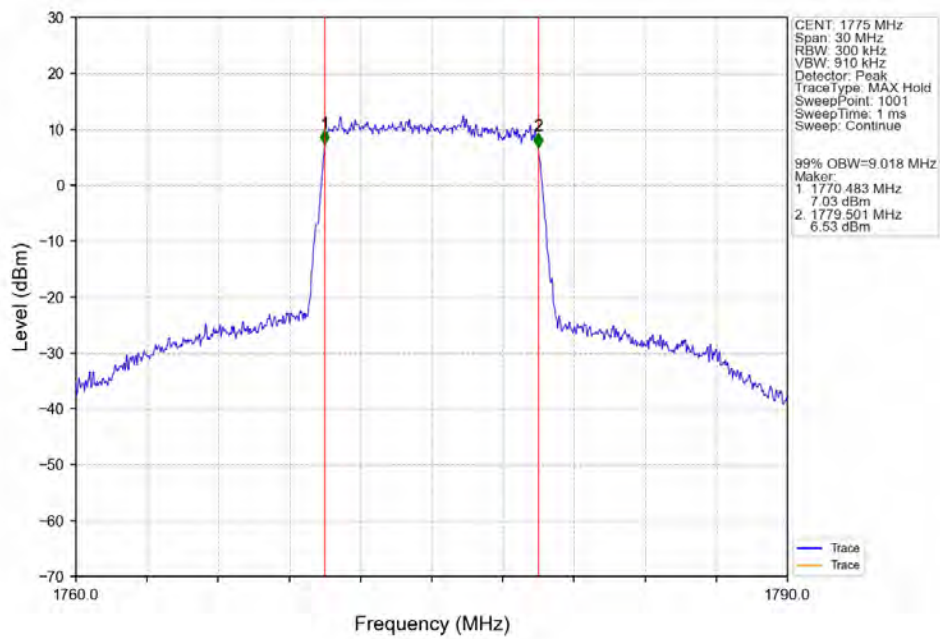
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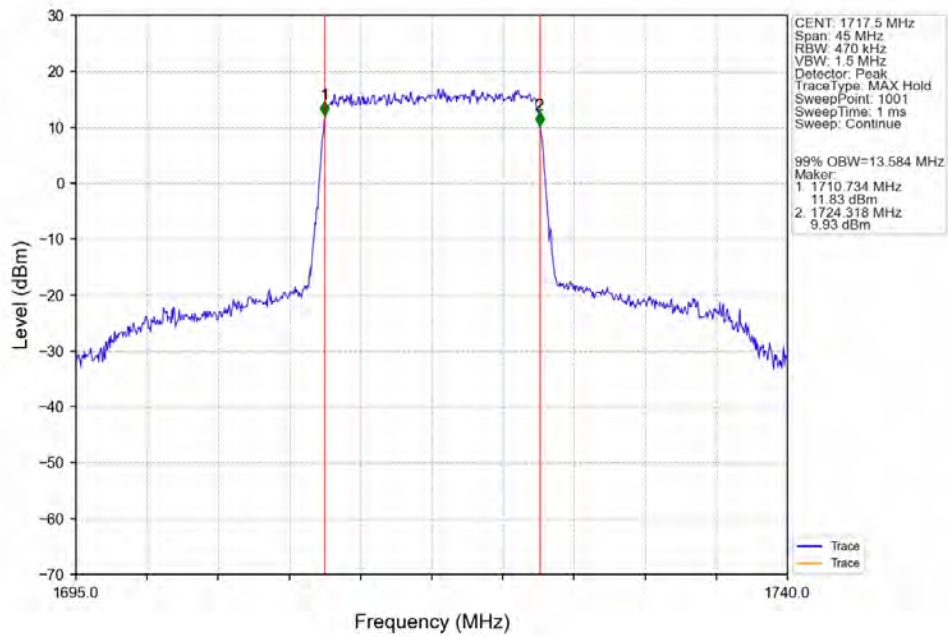
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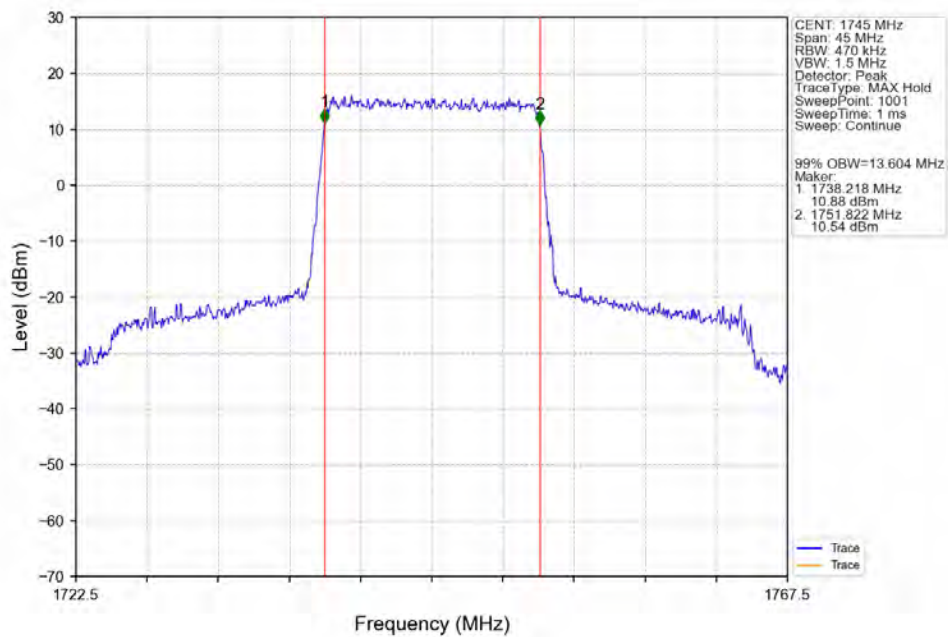
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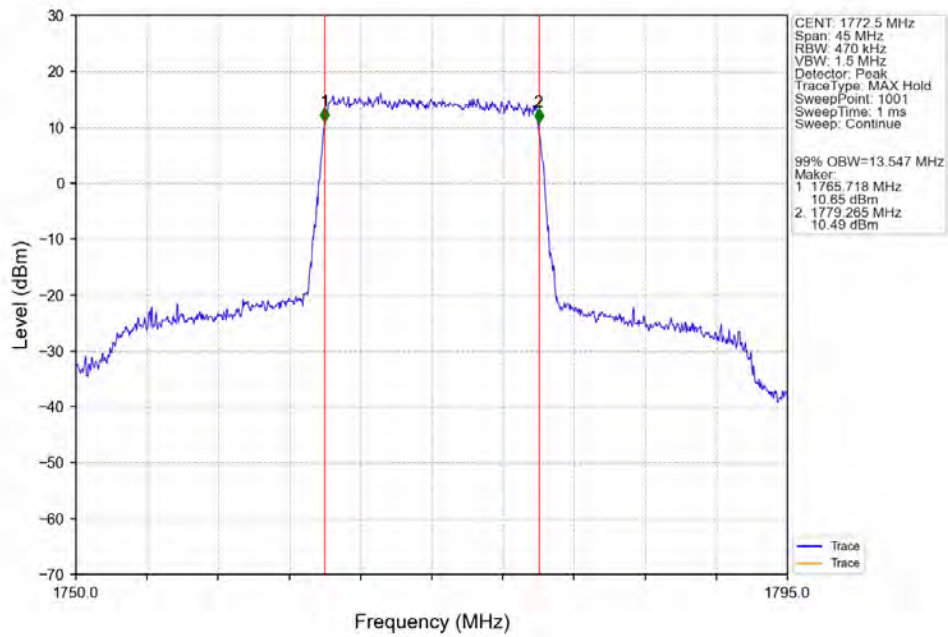
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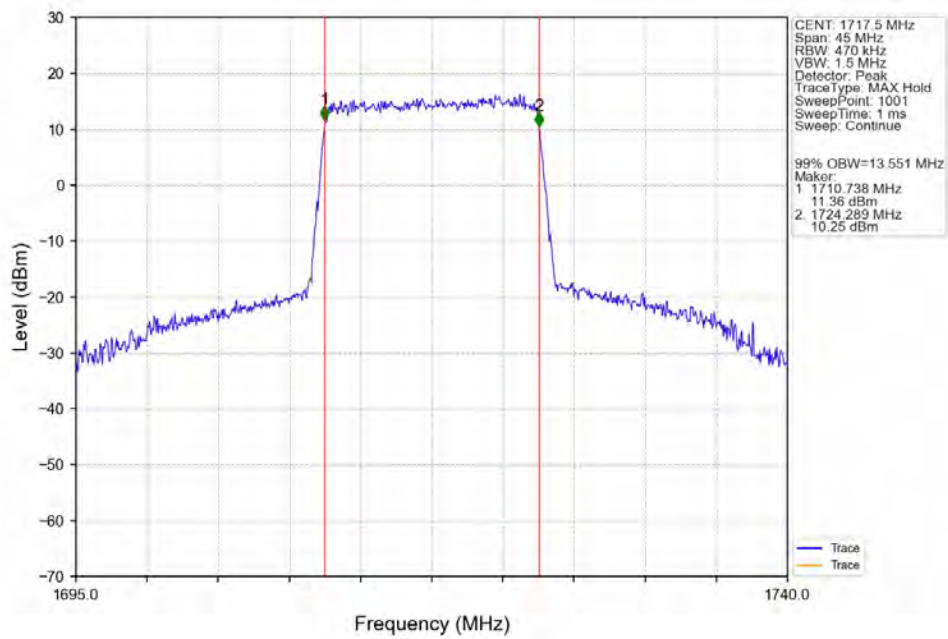
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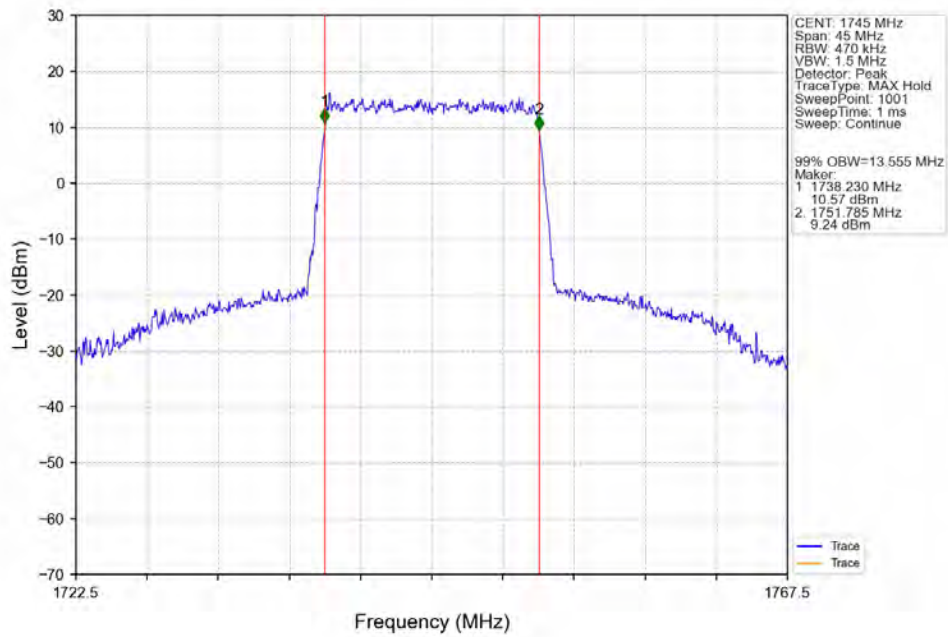
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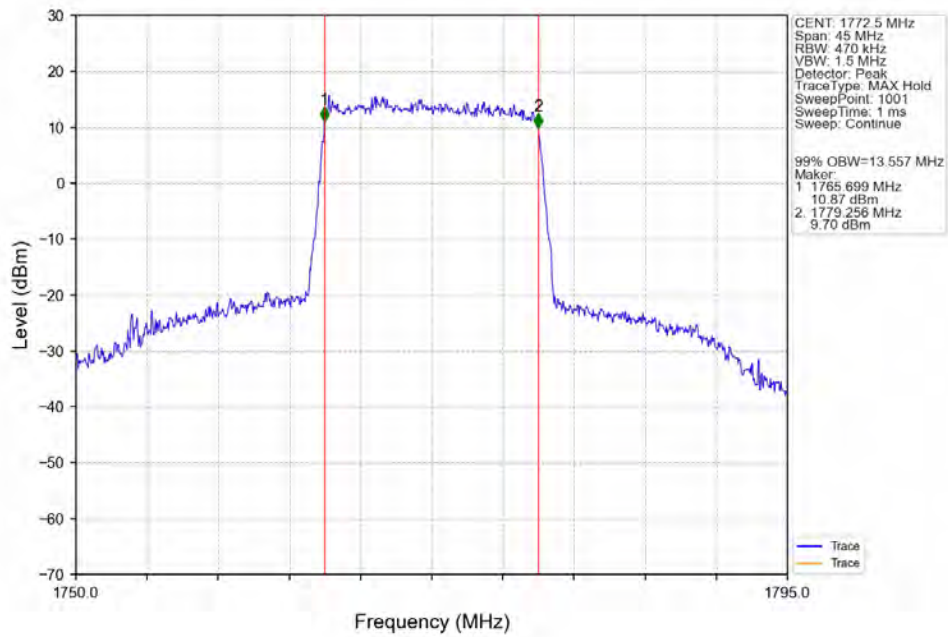
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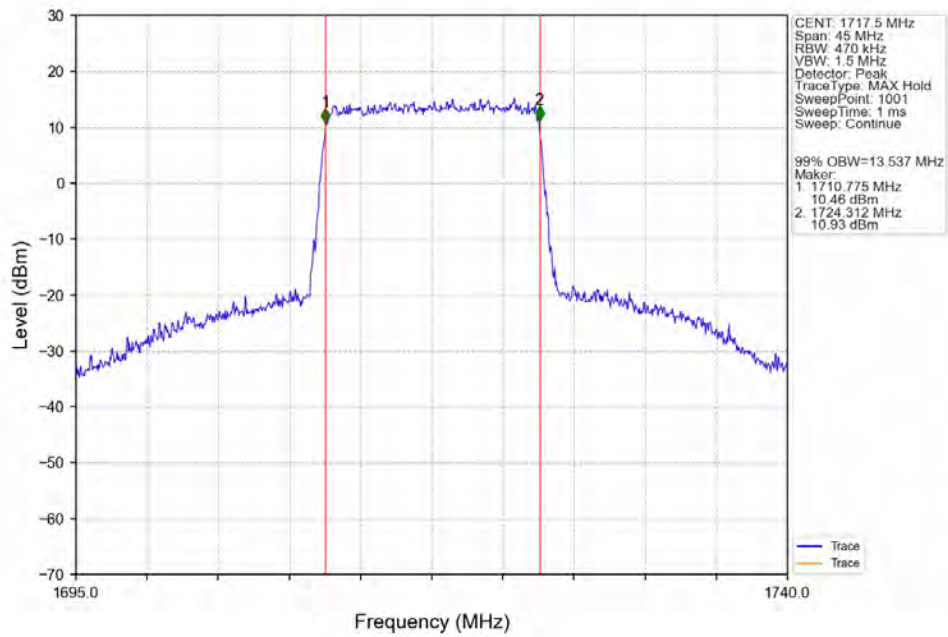
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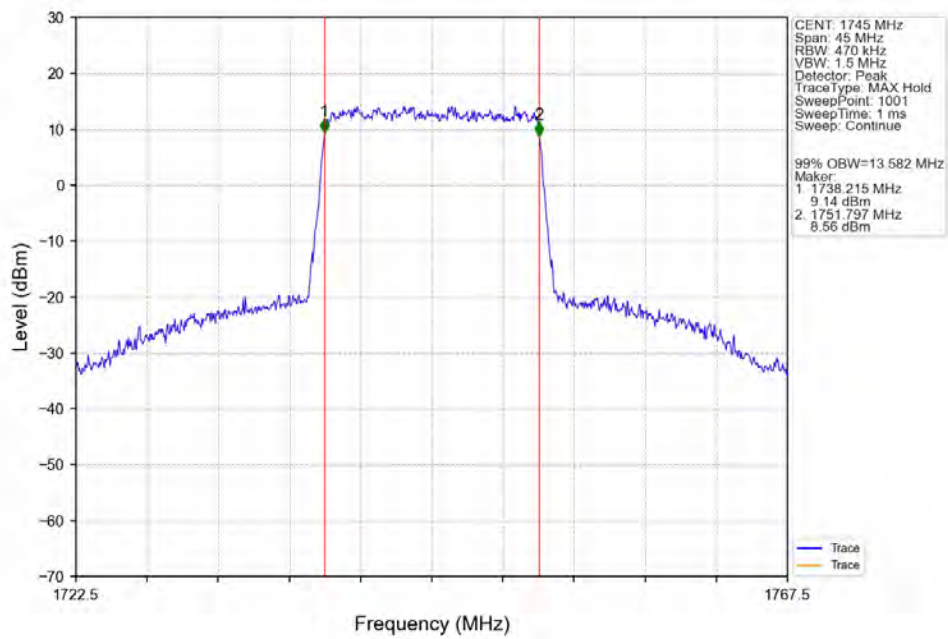
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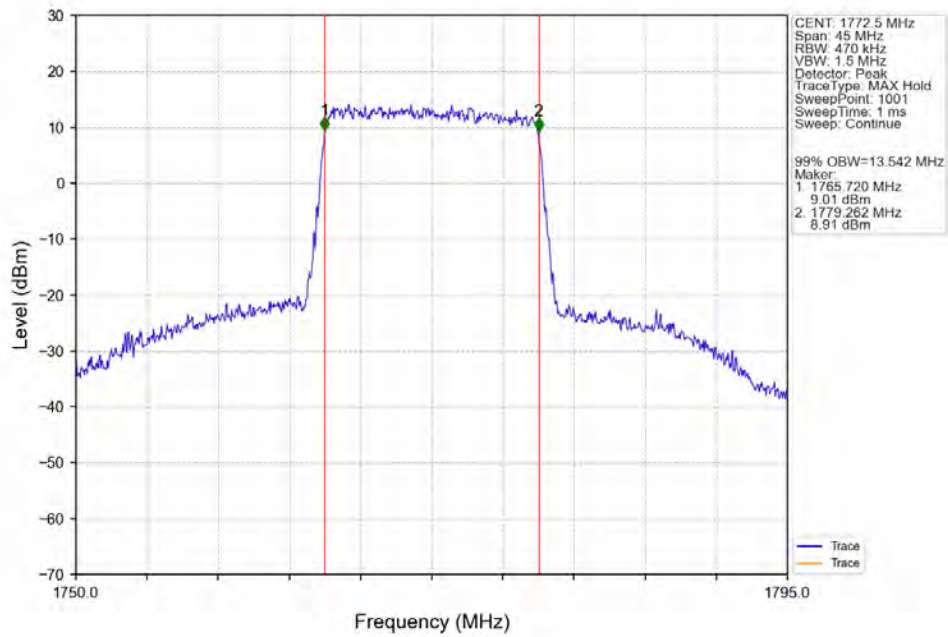
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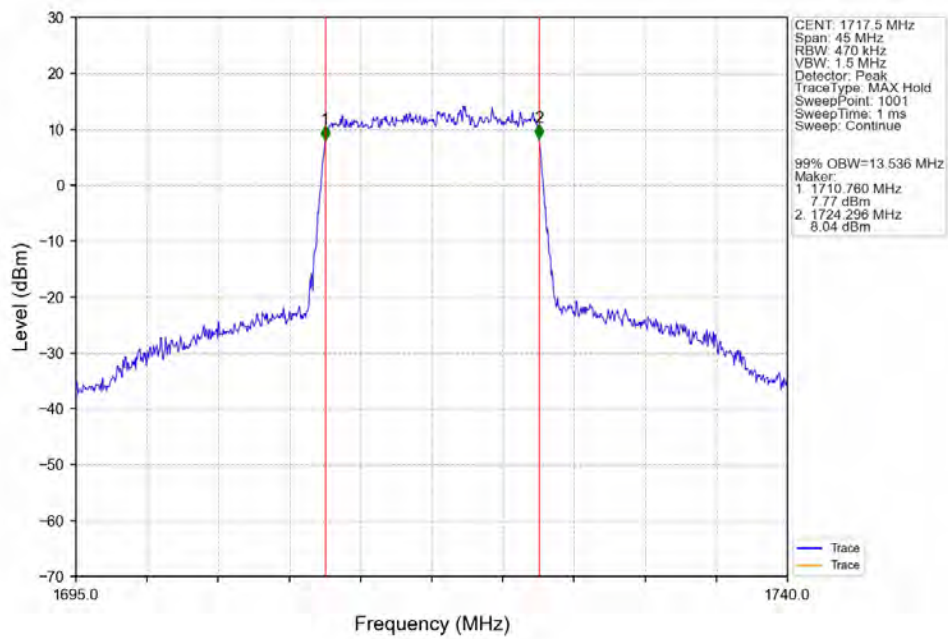
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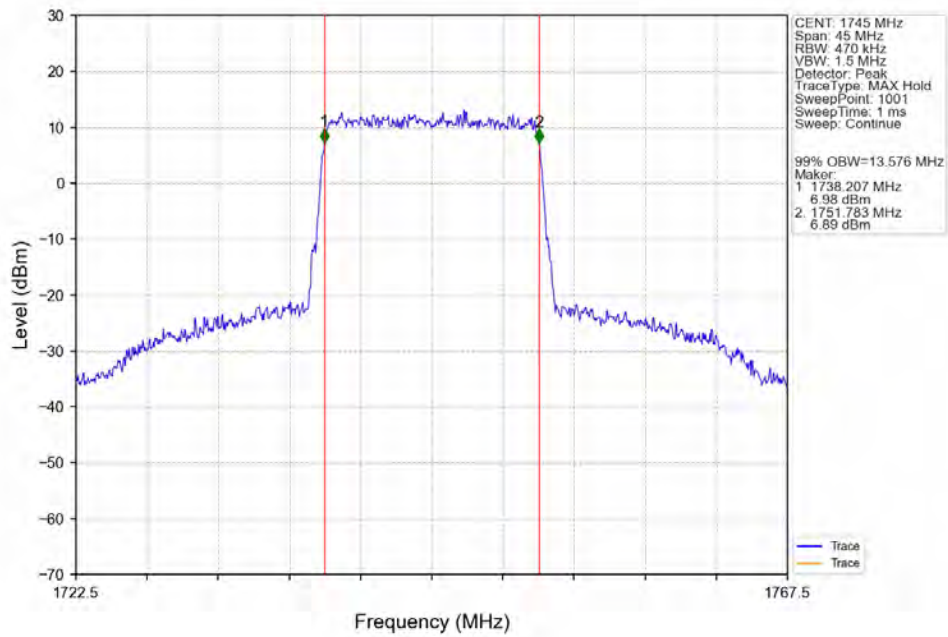
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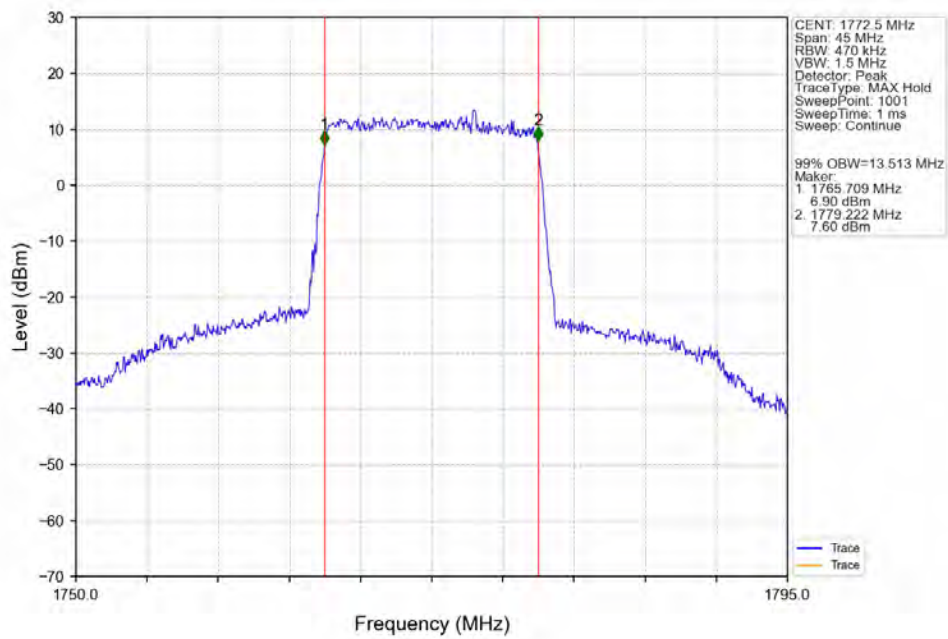
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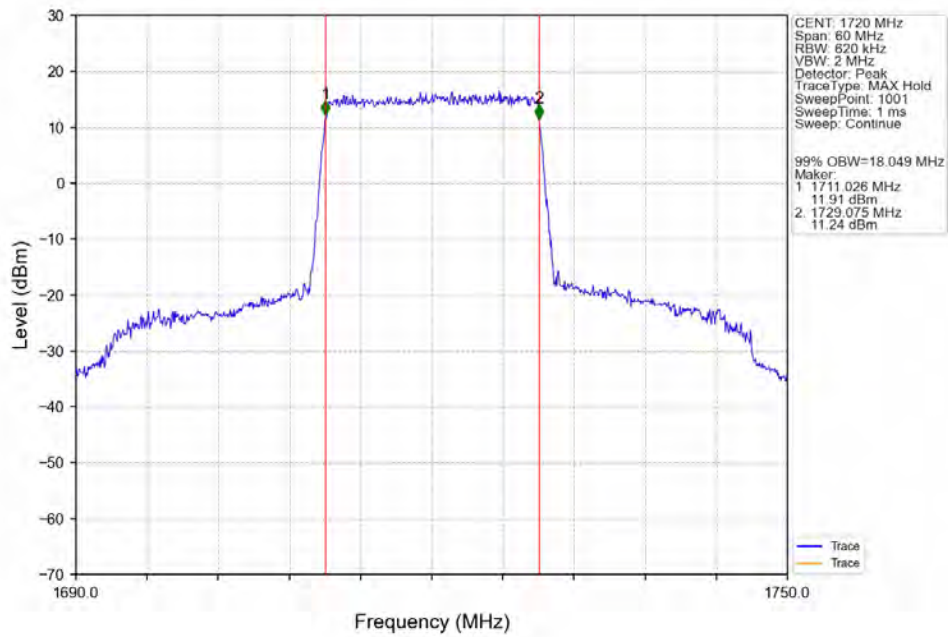
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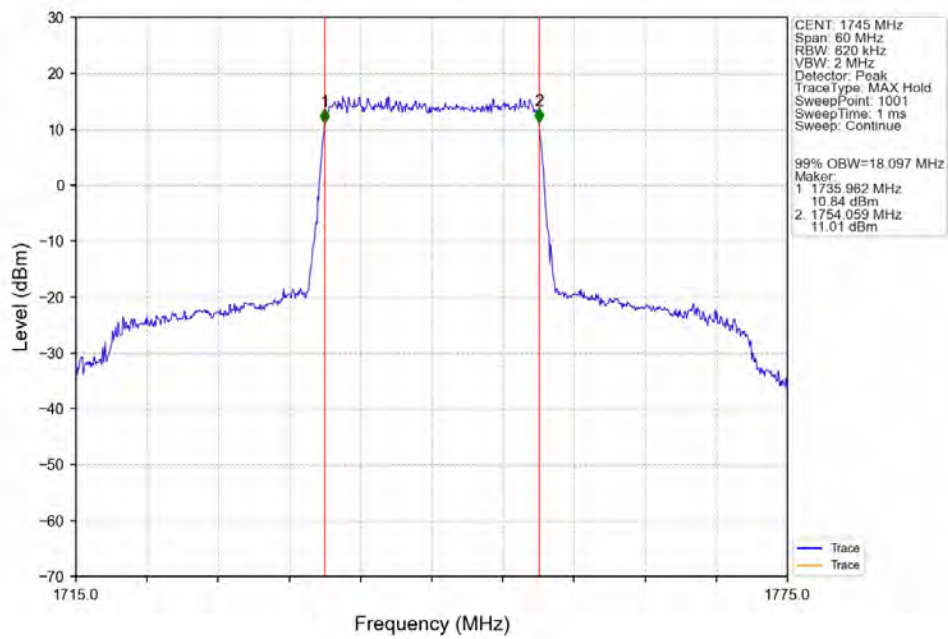
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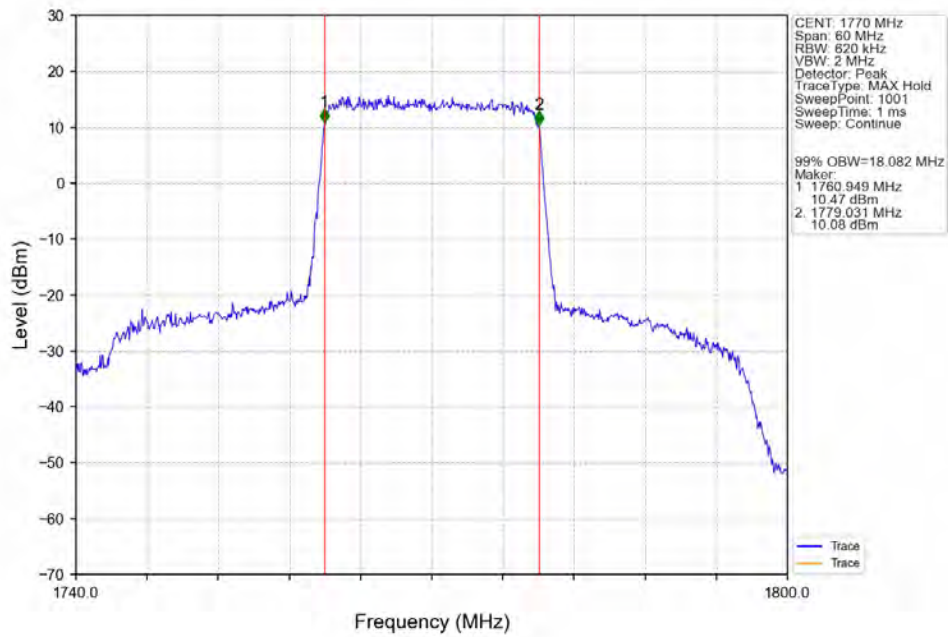
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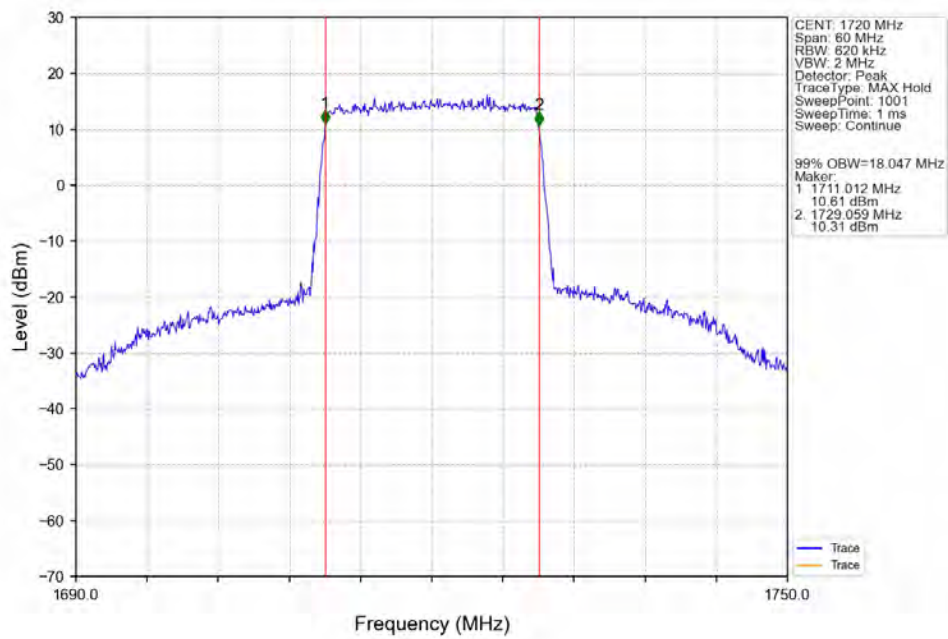
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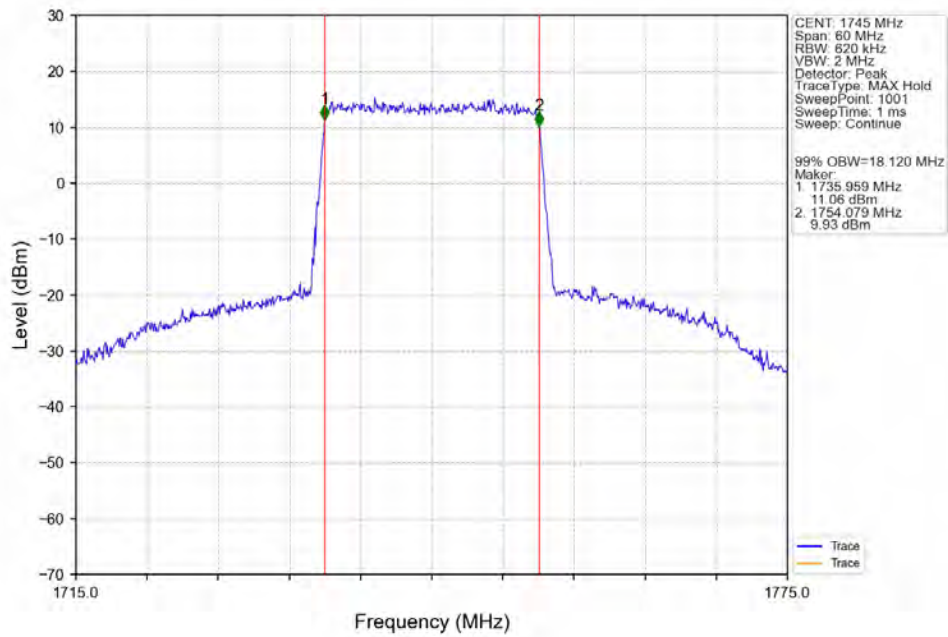
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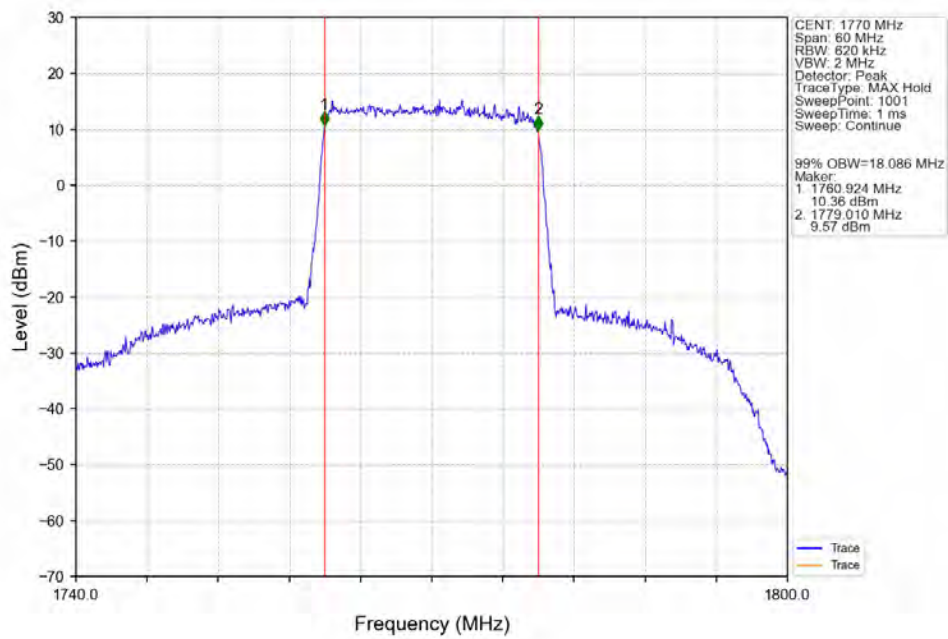
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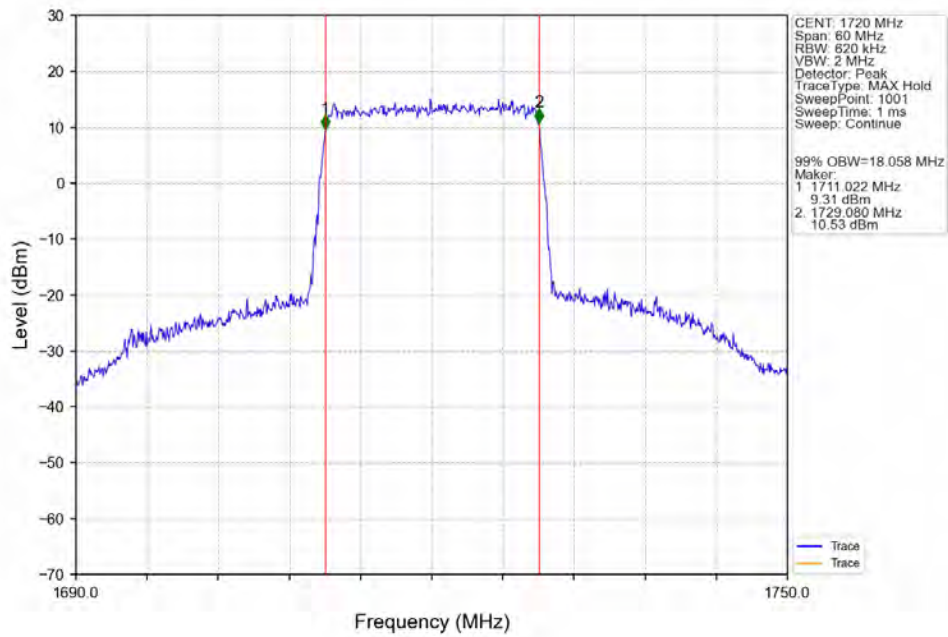
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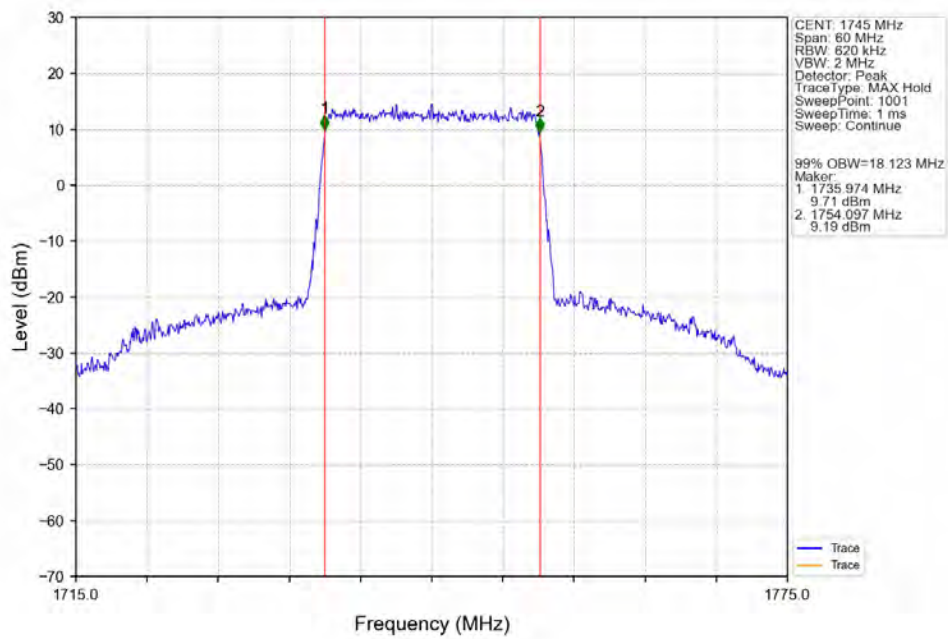
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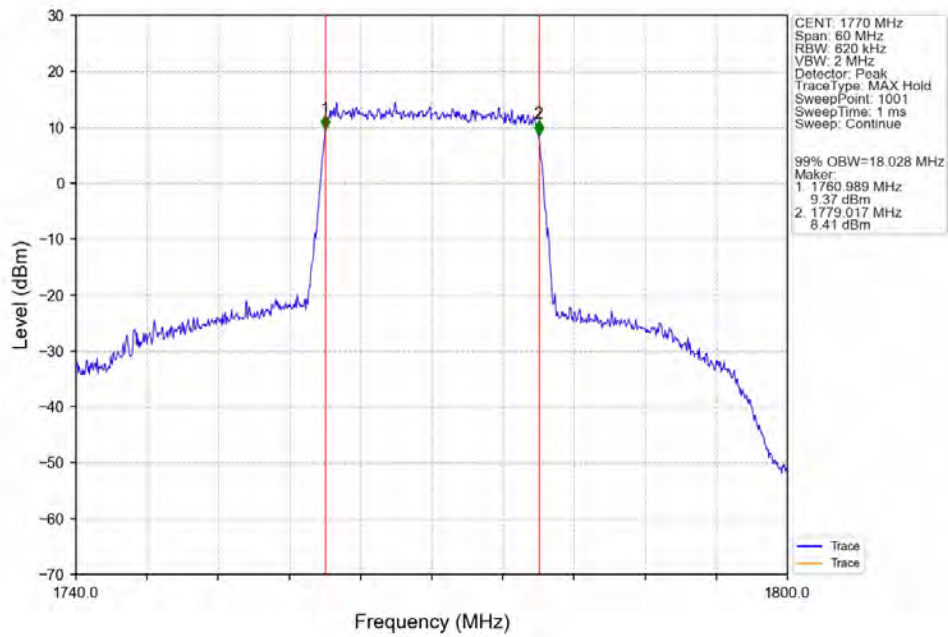
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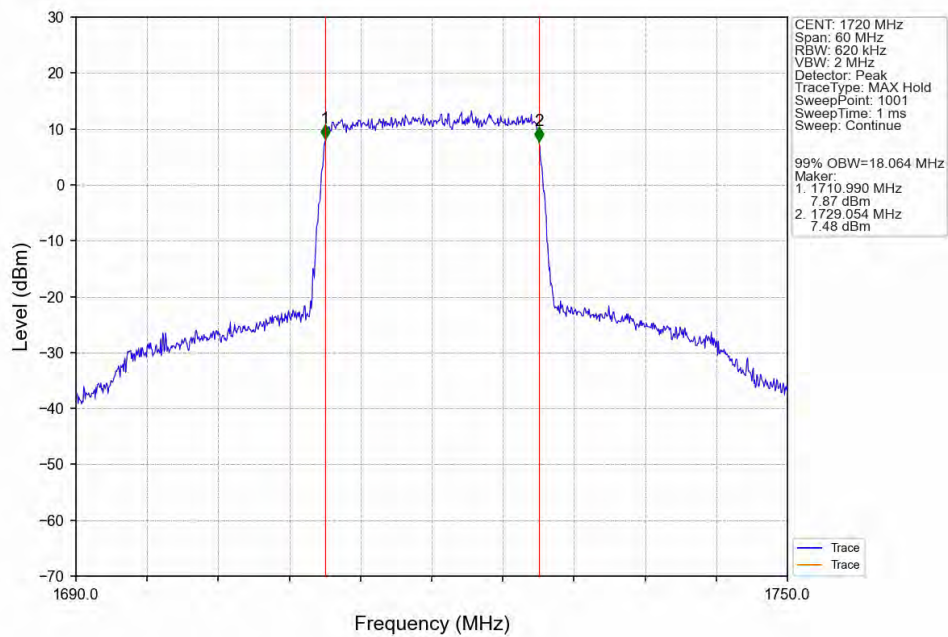
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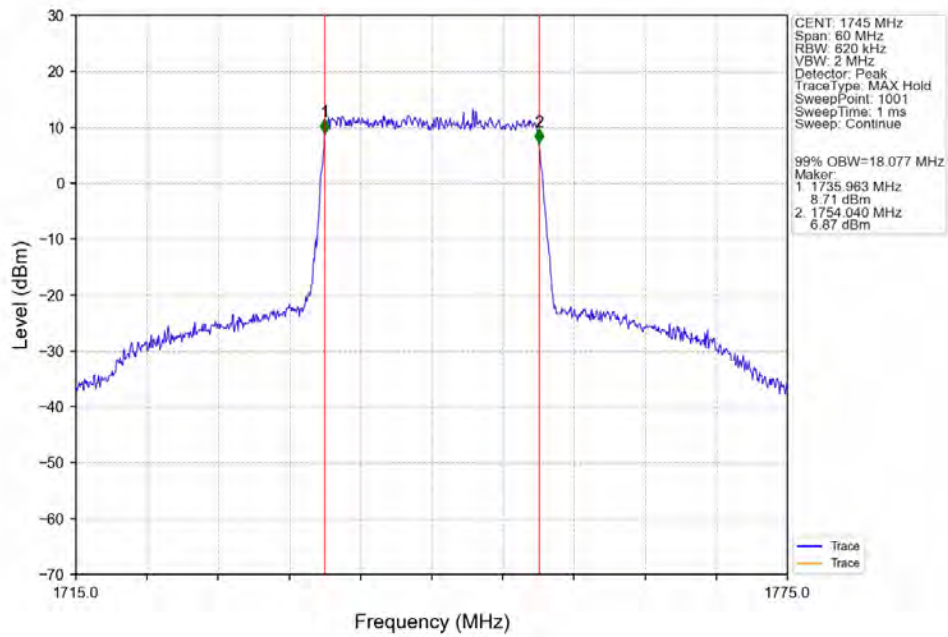
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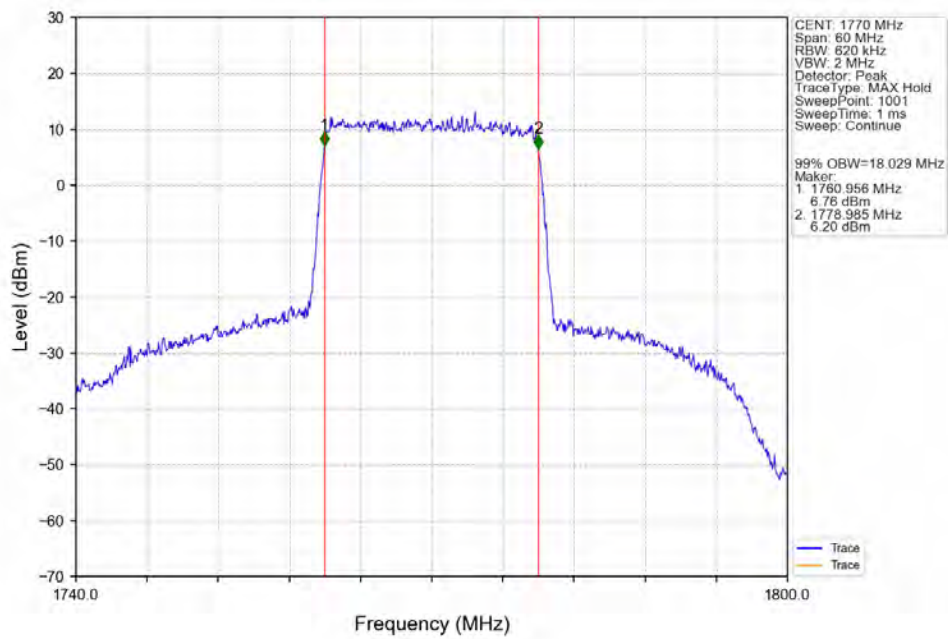
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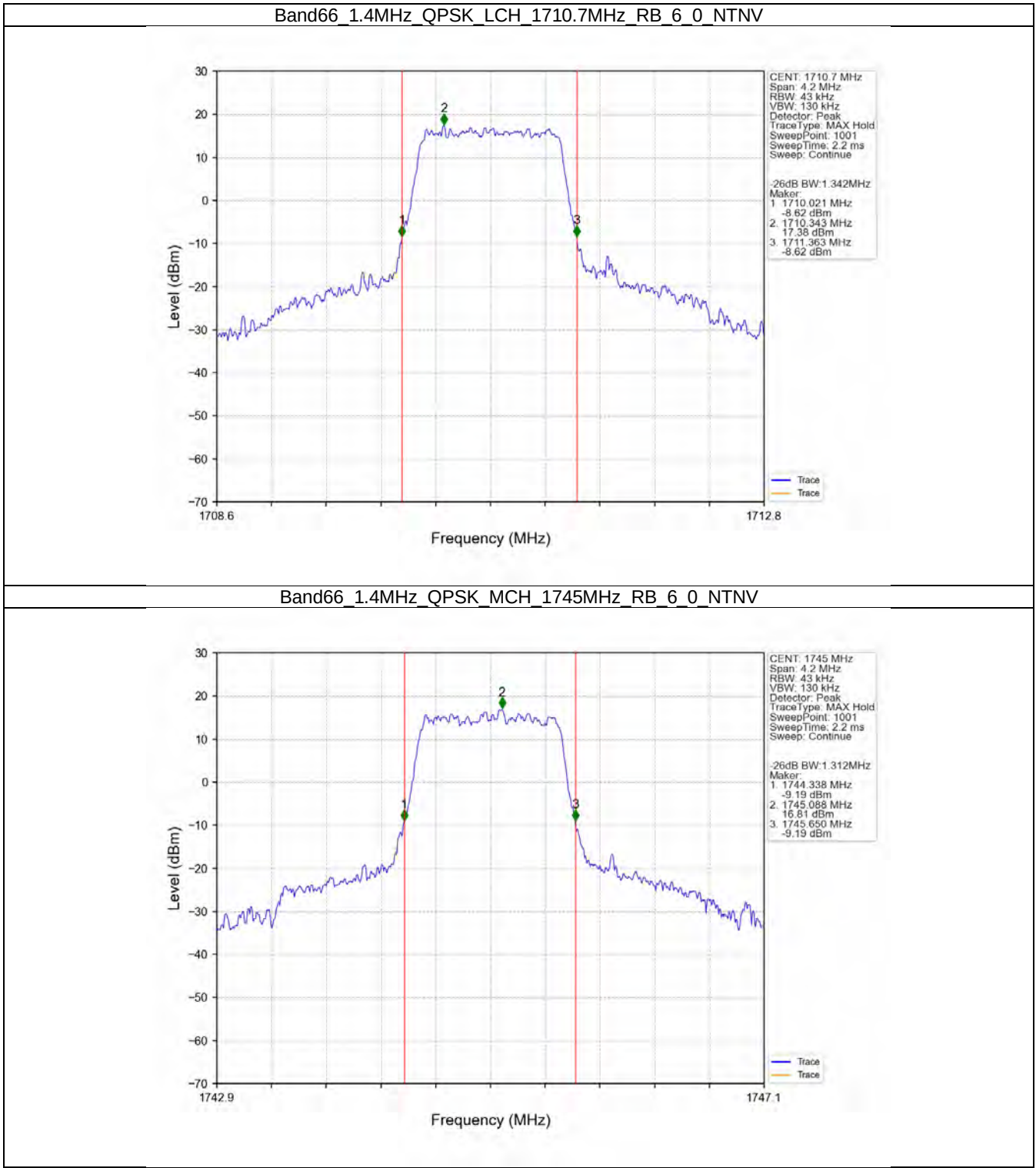
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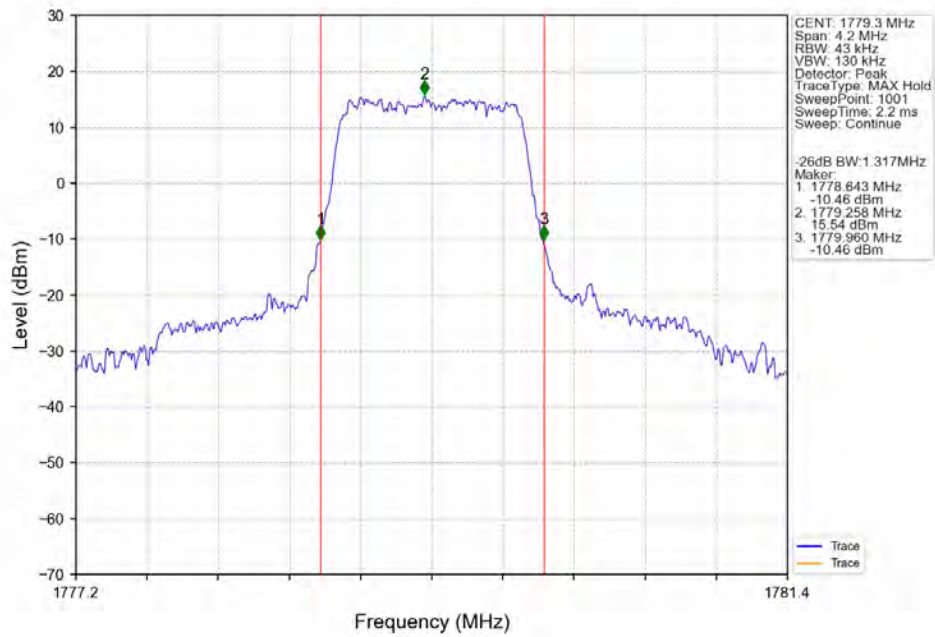
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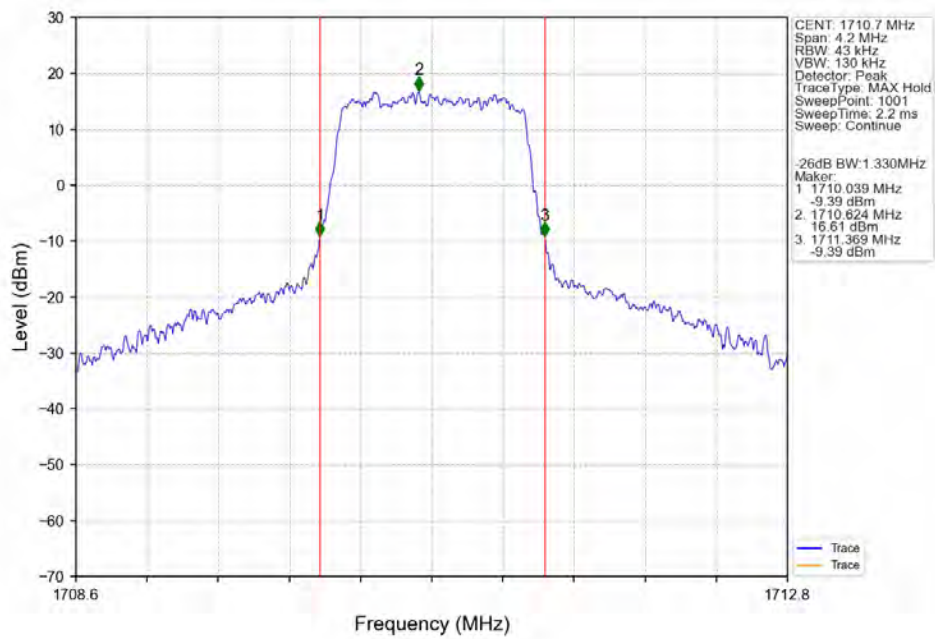
3.2.2 Band66_XDB



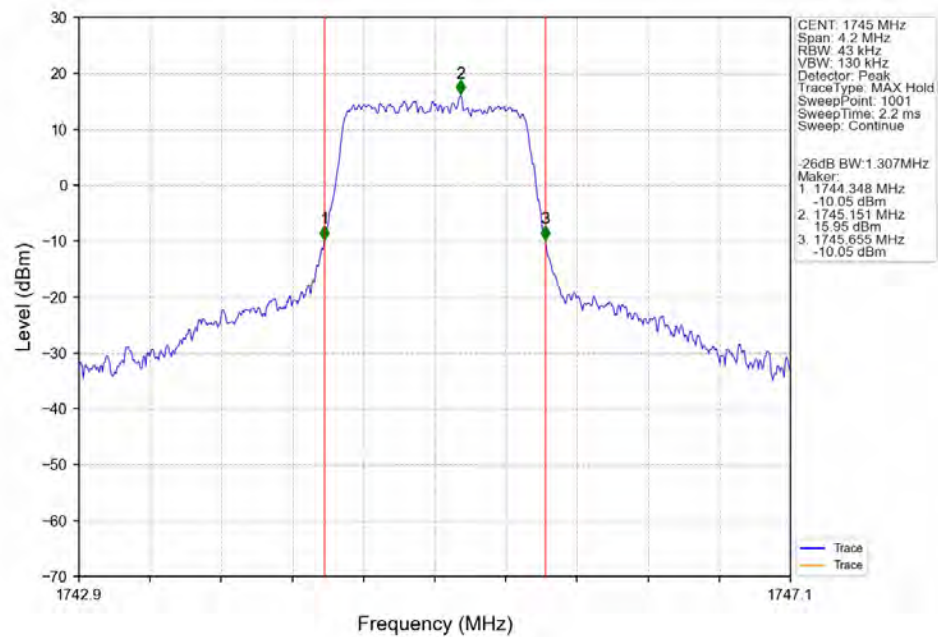
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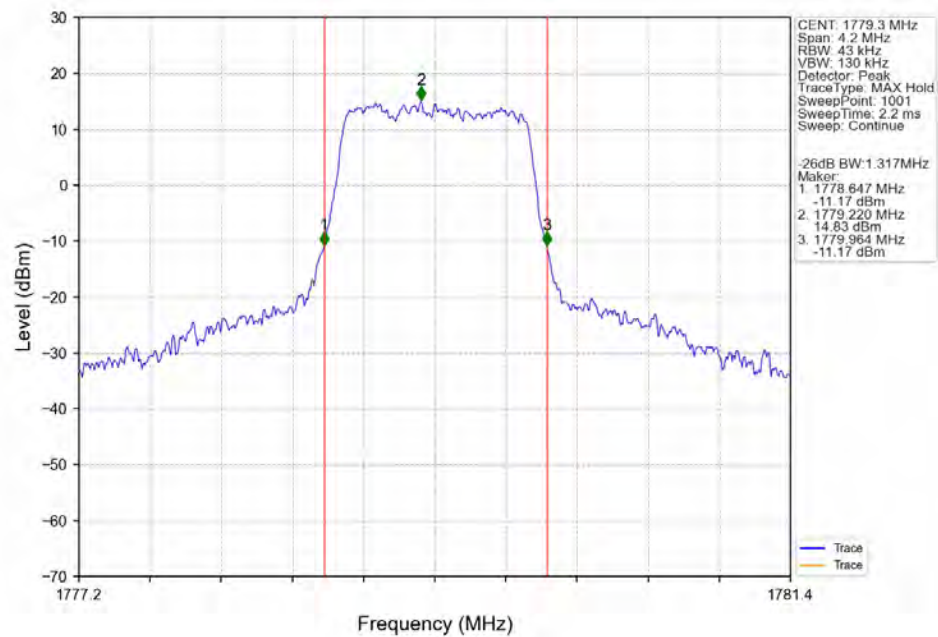
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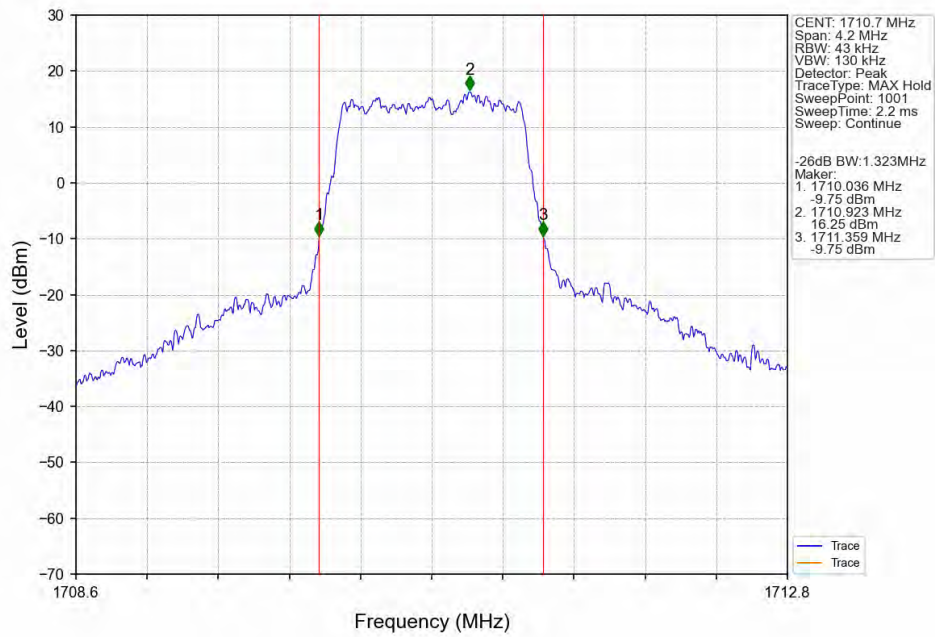
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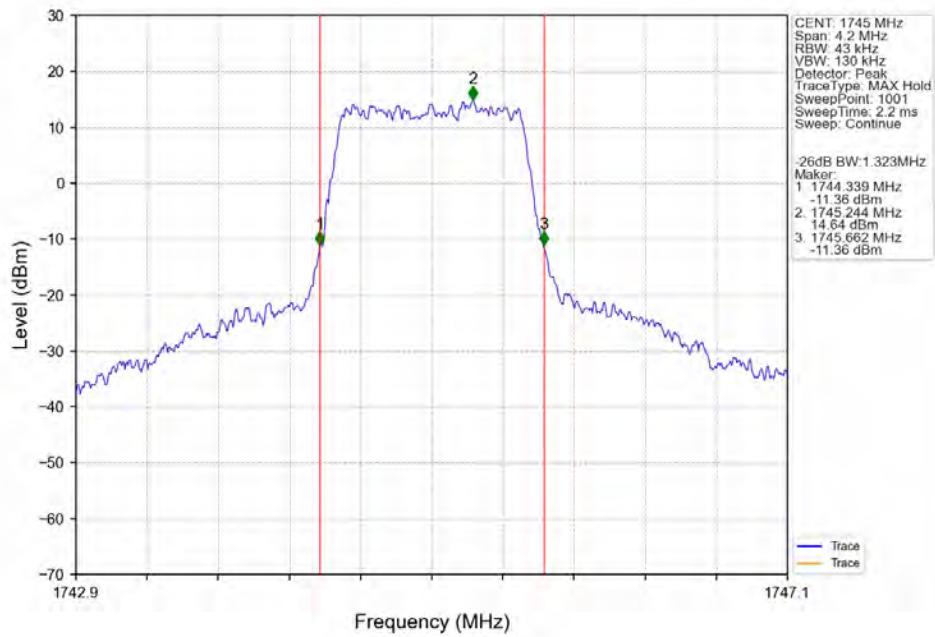
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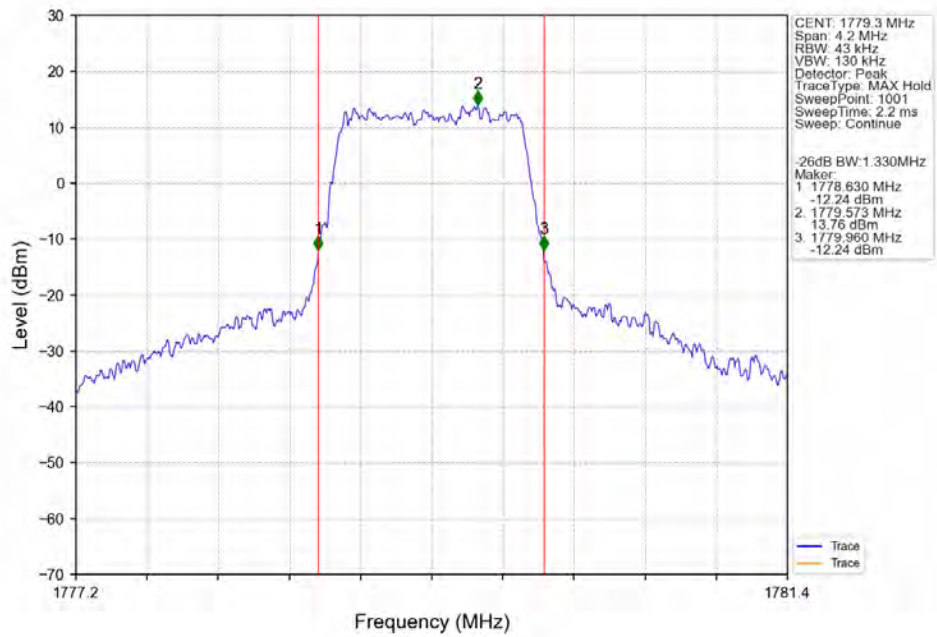
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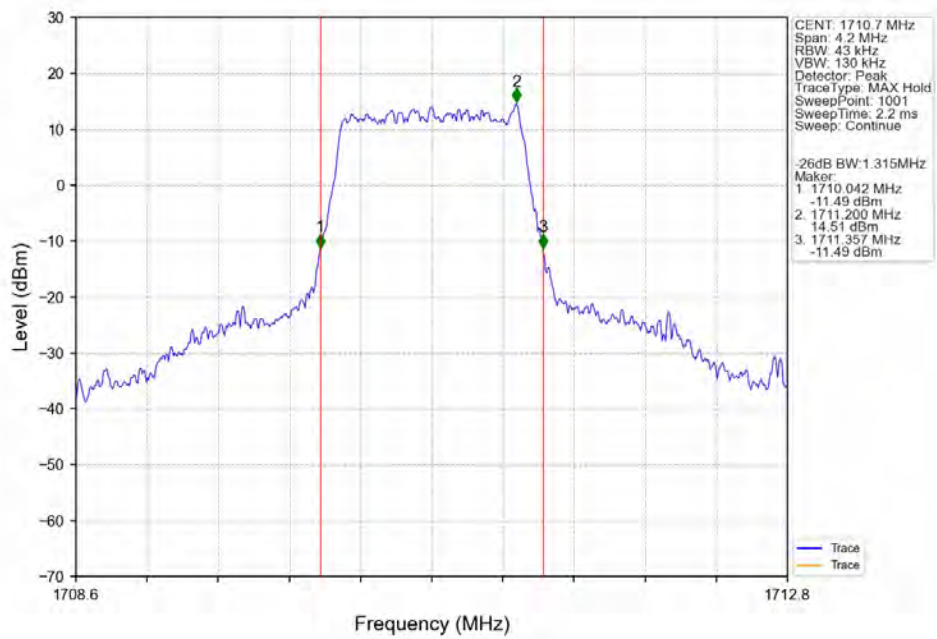
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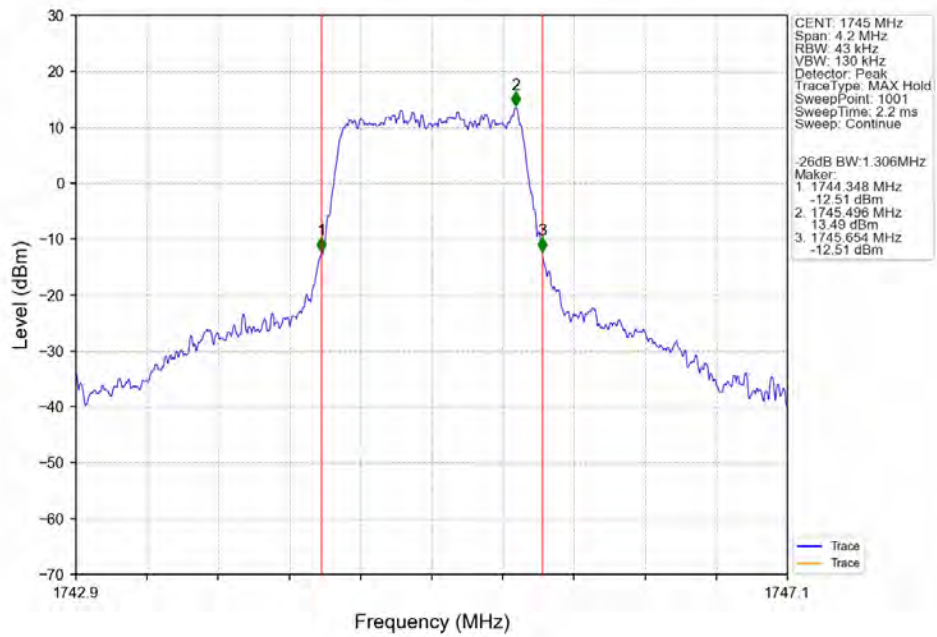
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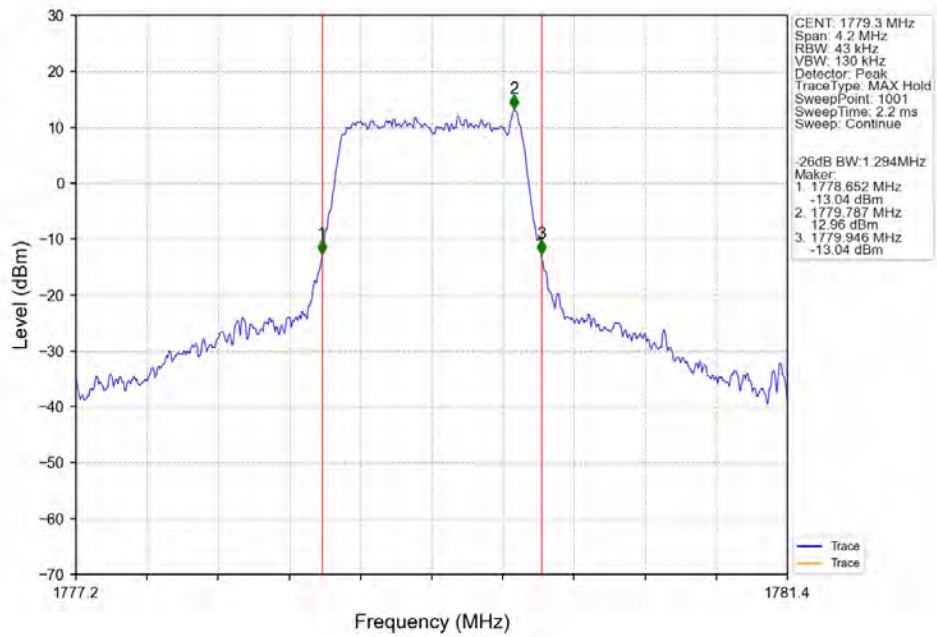
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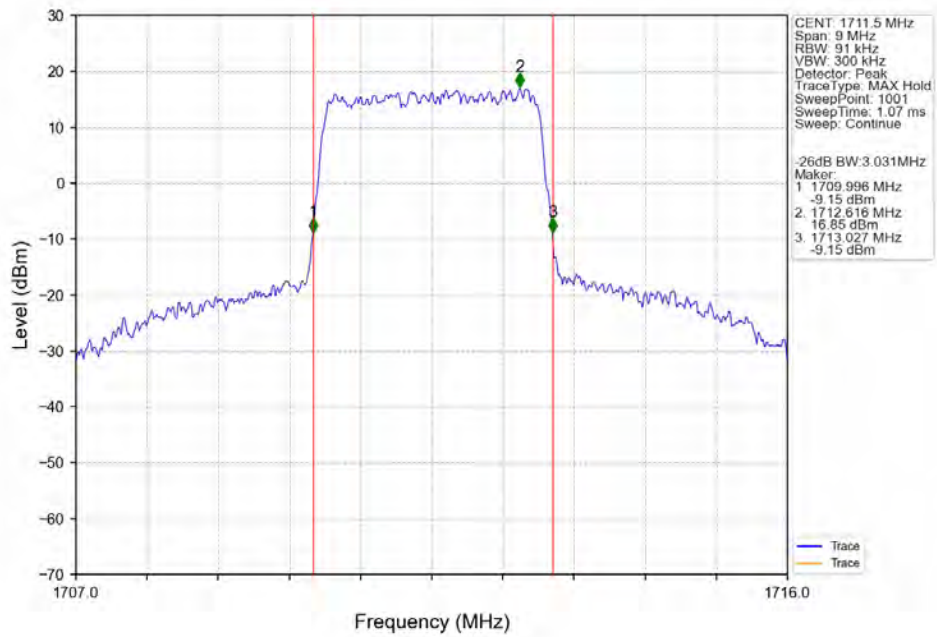
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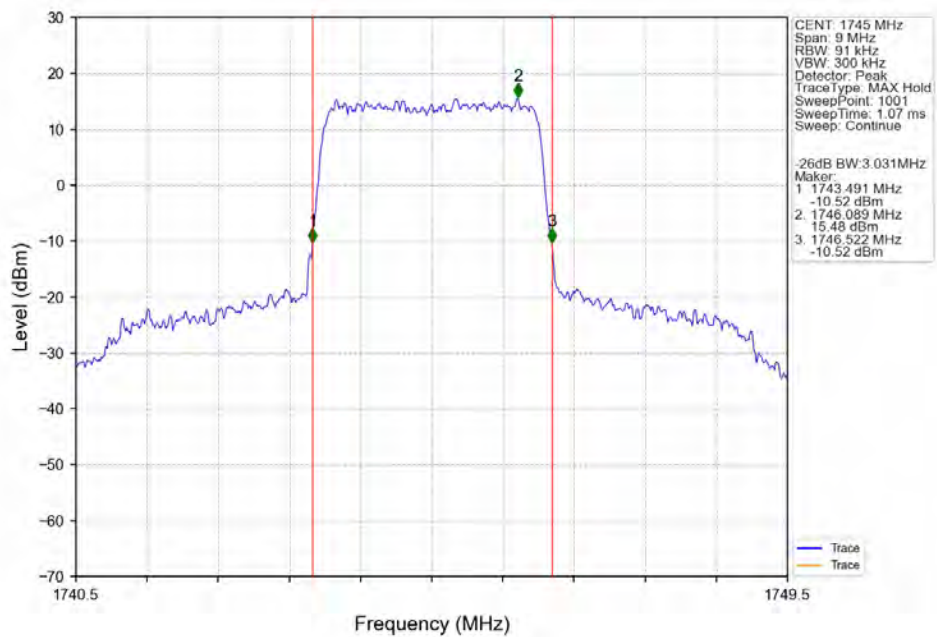
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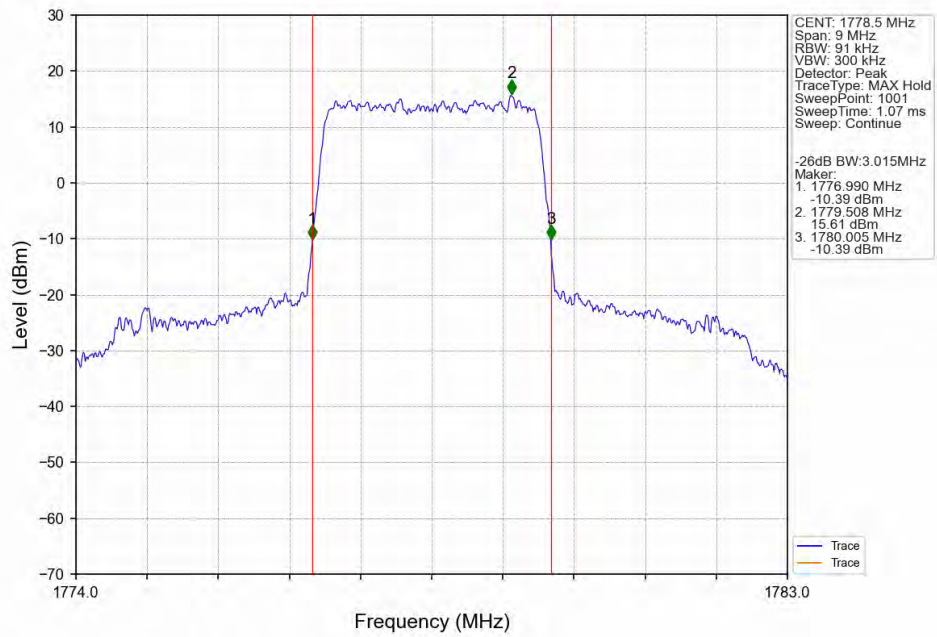
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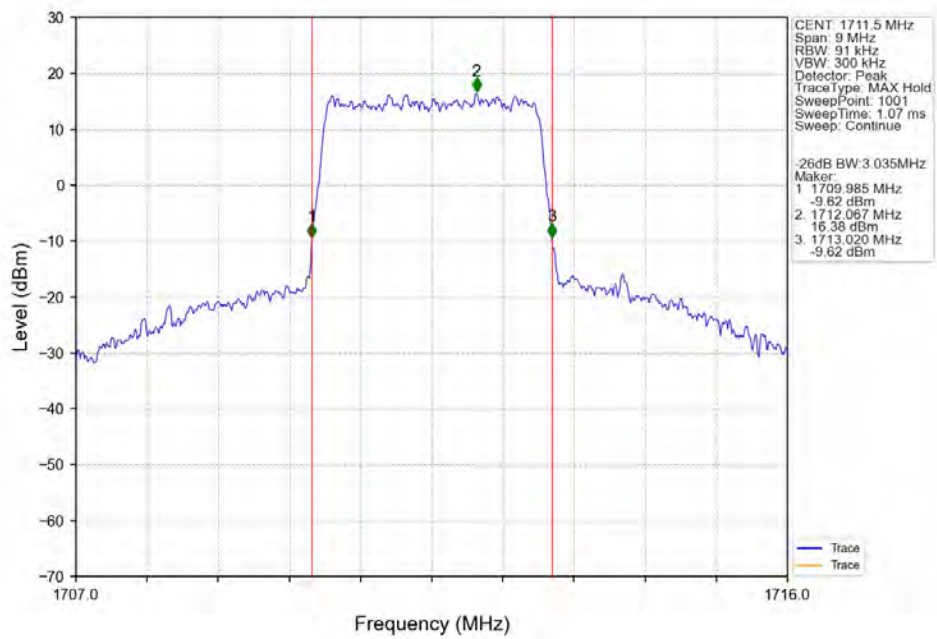
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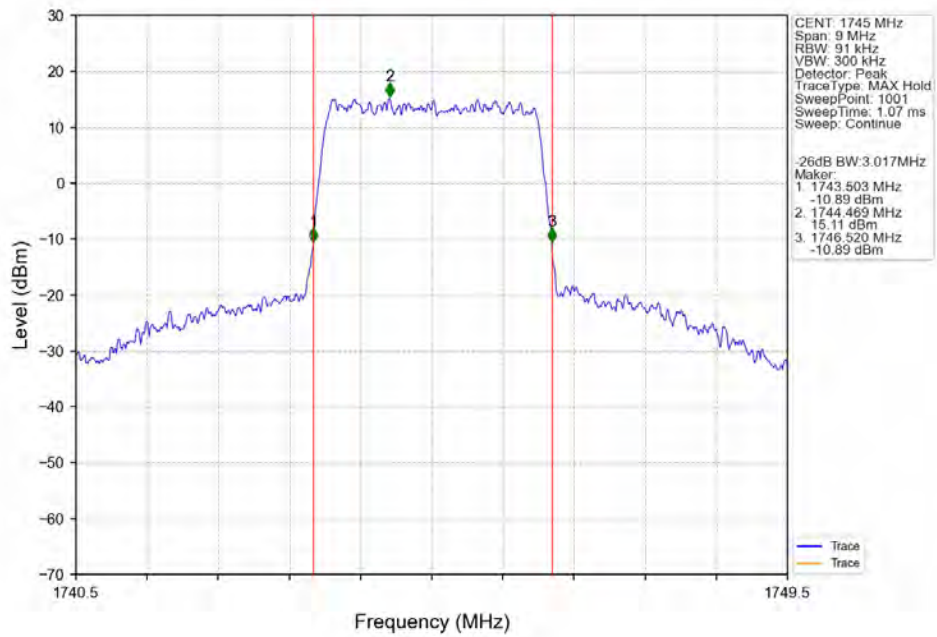
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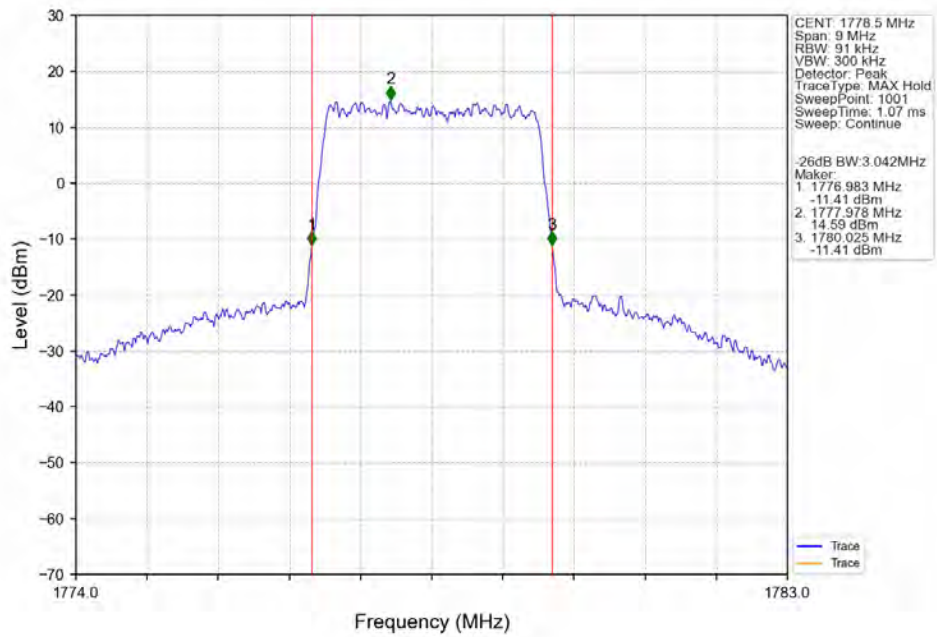
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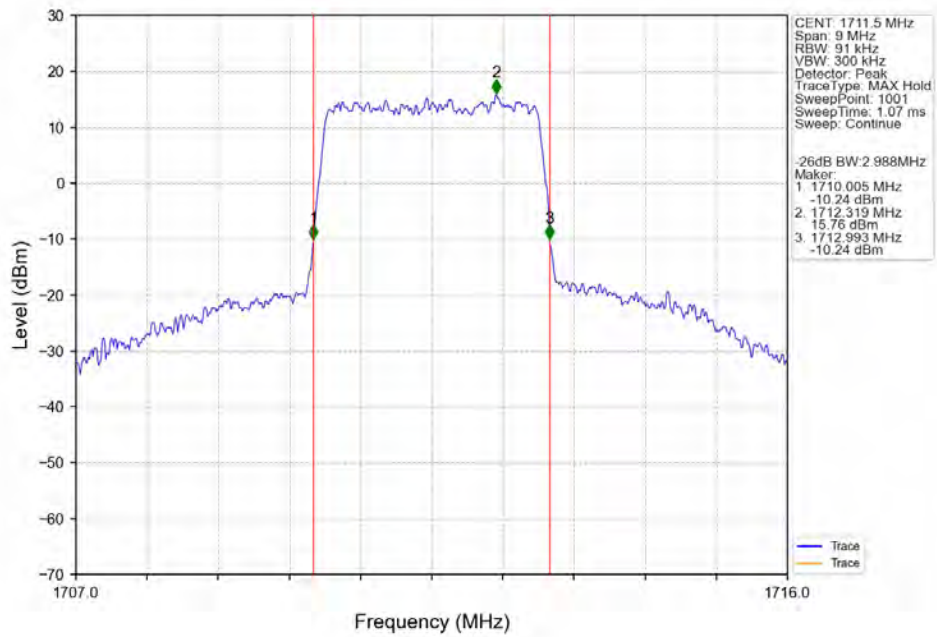
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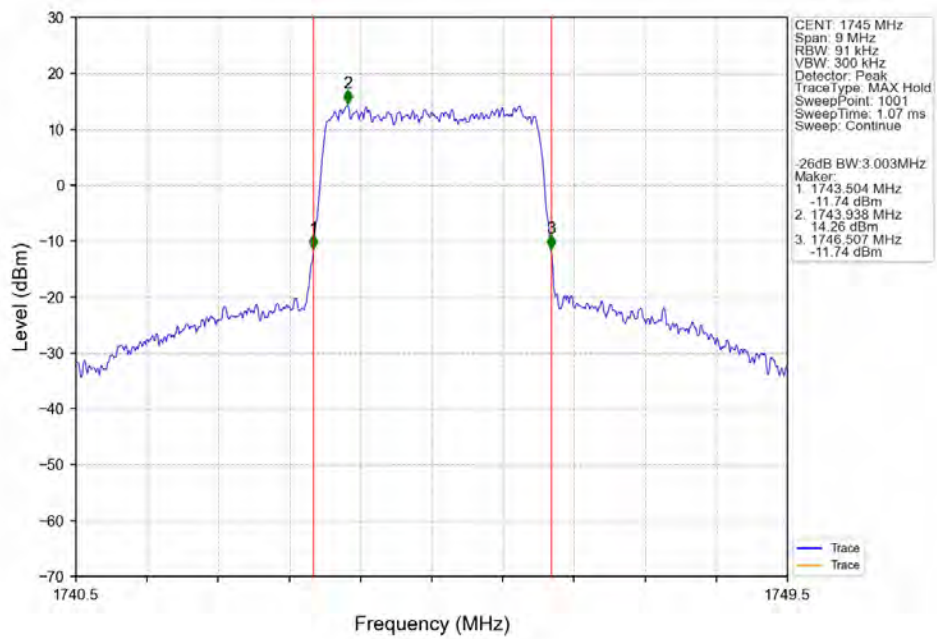
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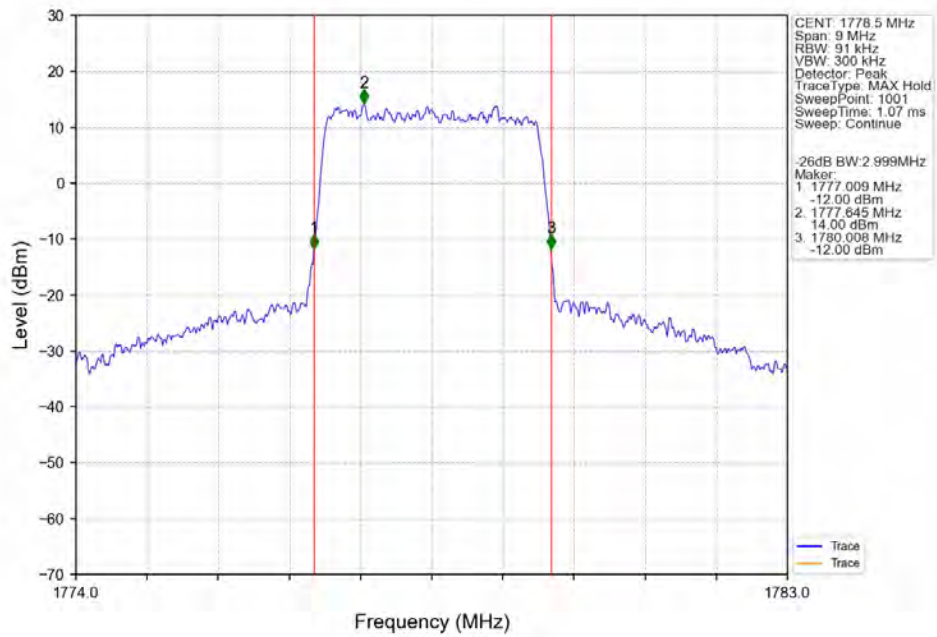
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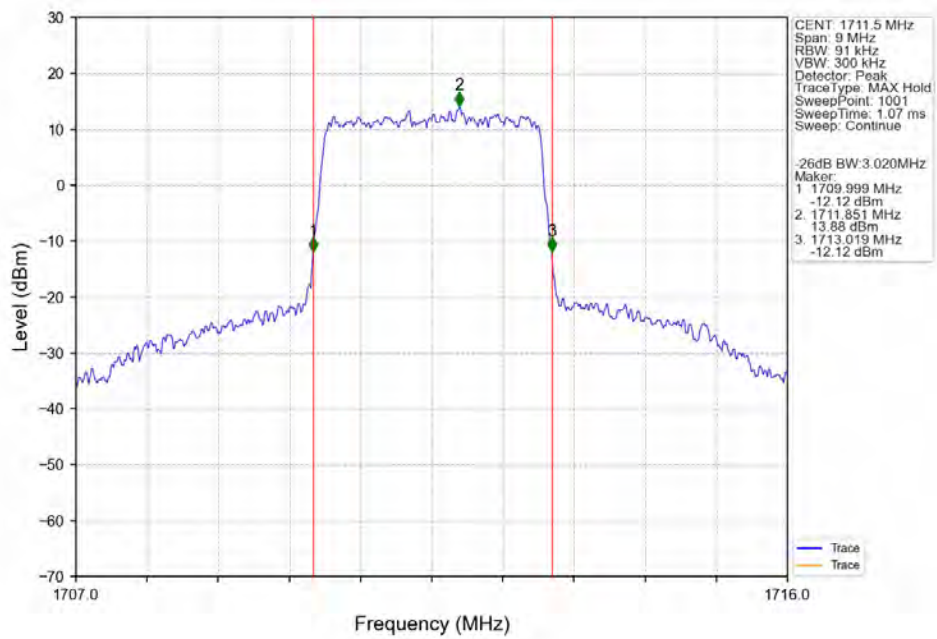
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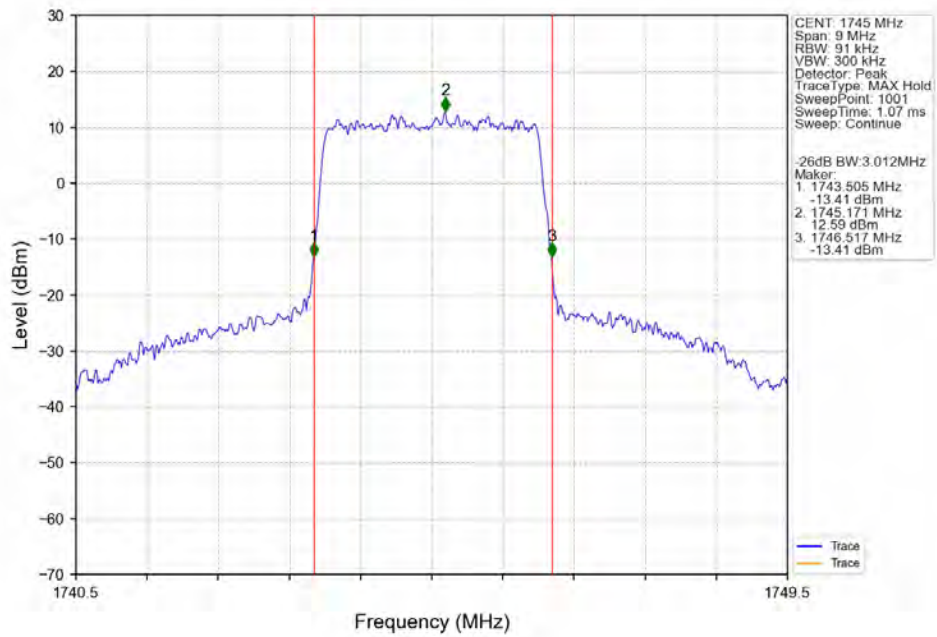
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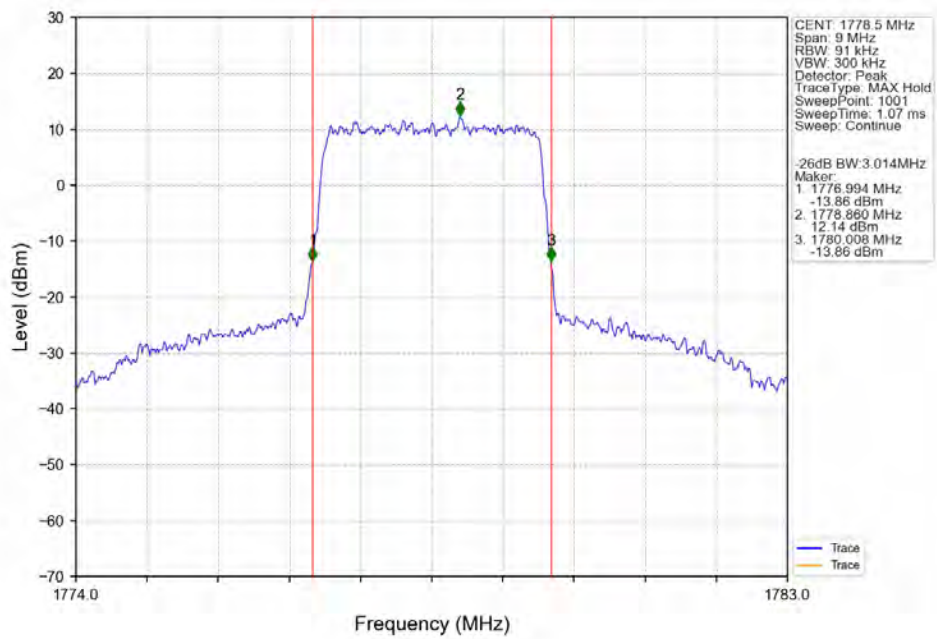
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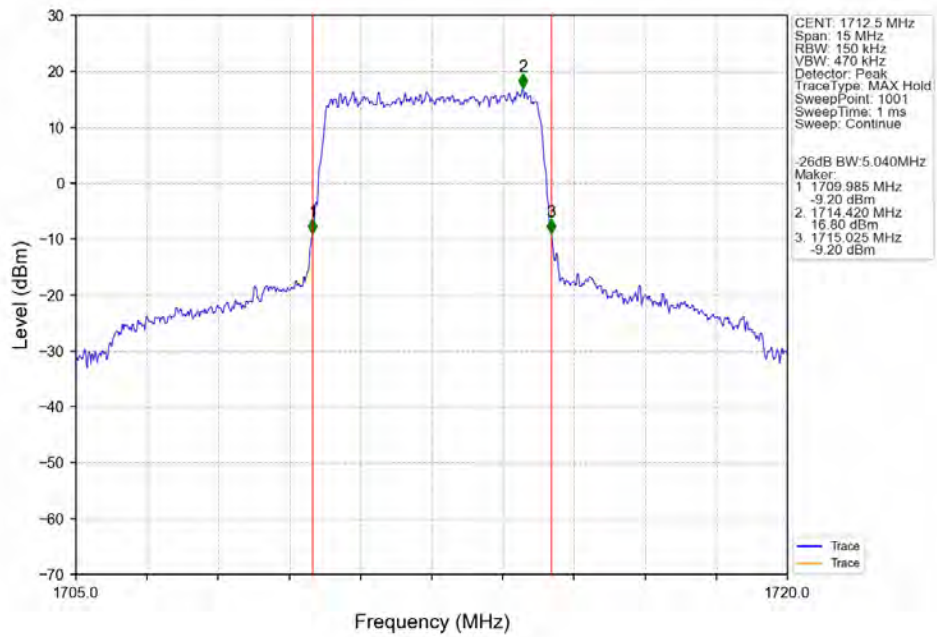
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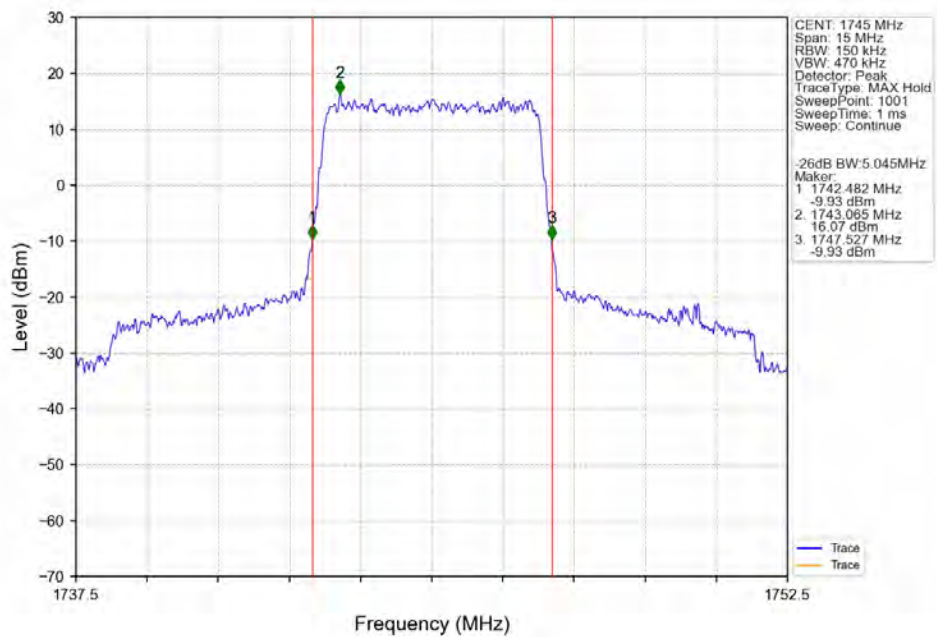
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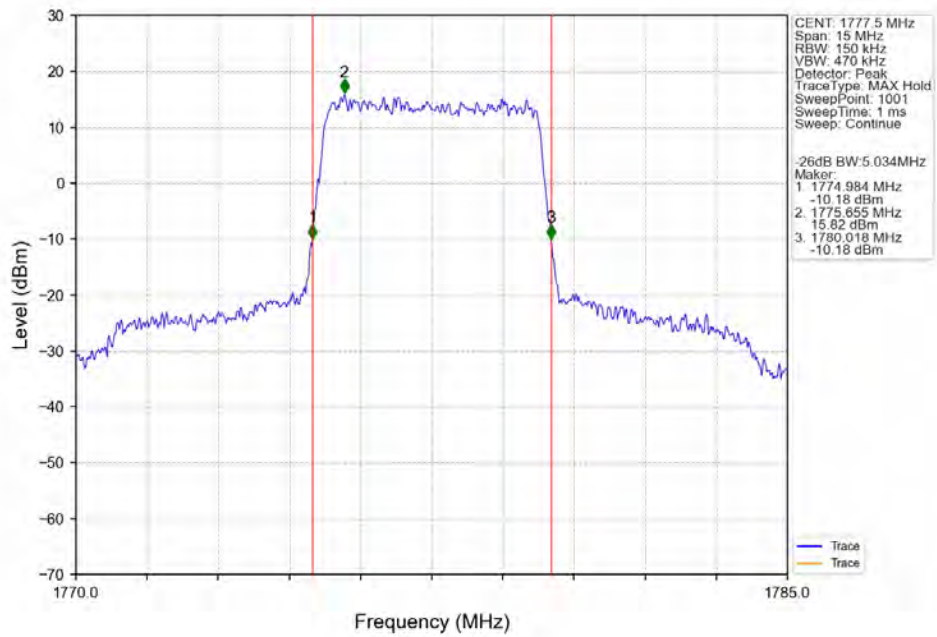
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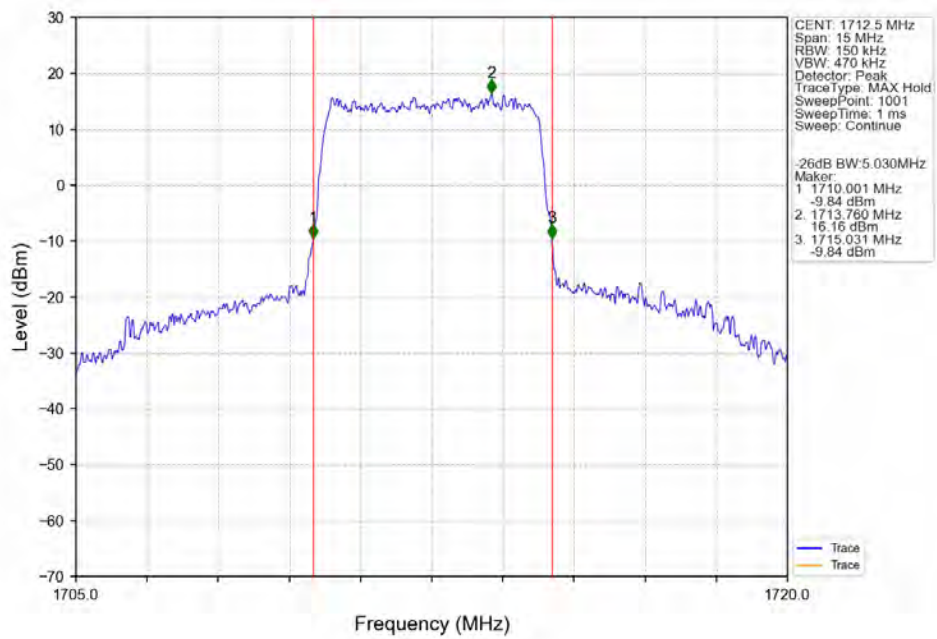
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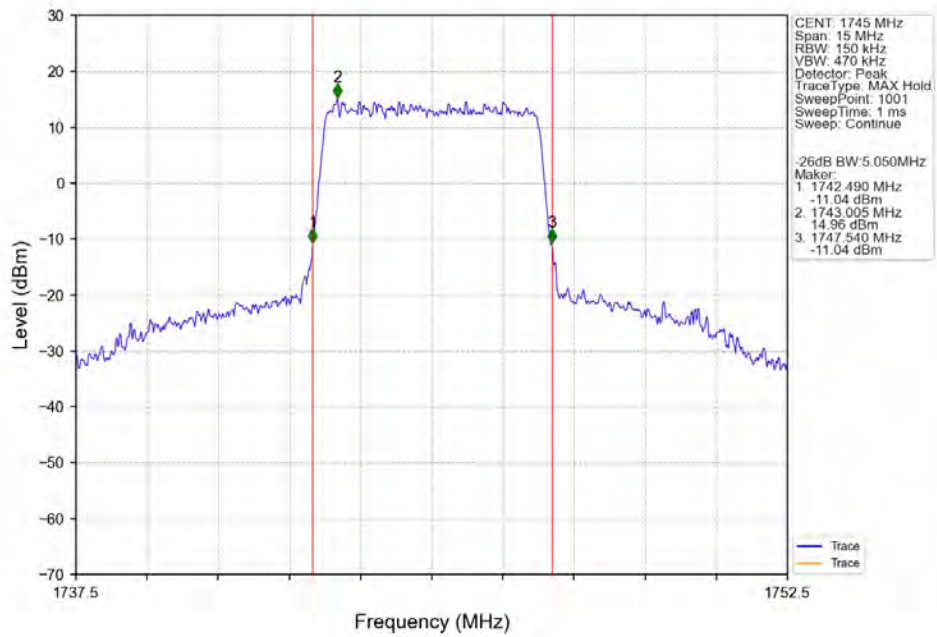
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



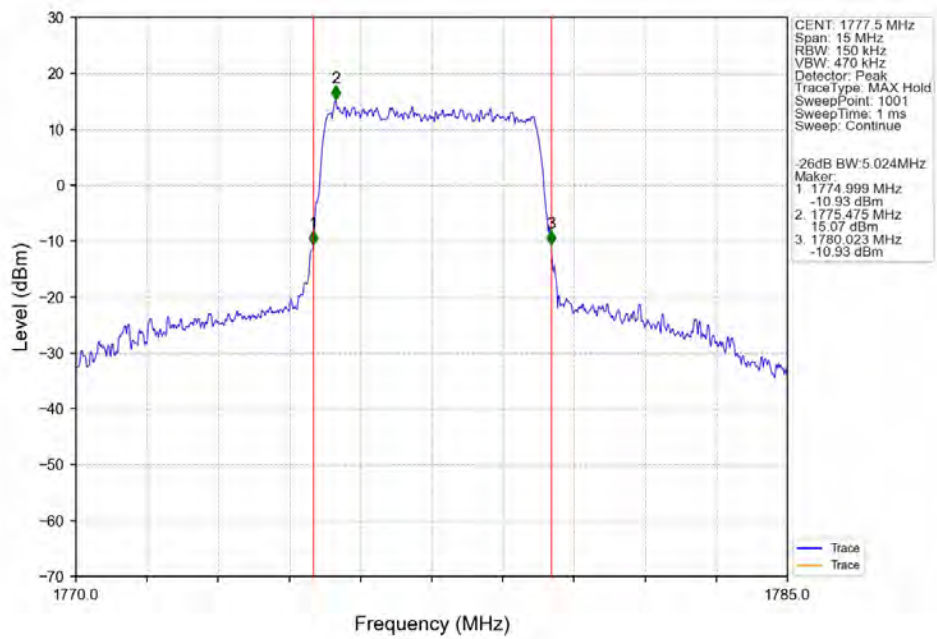
Band66 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTNV



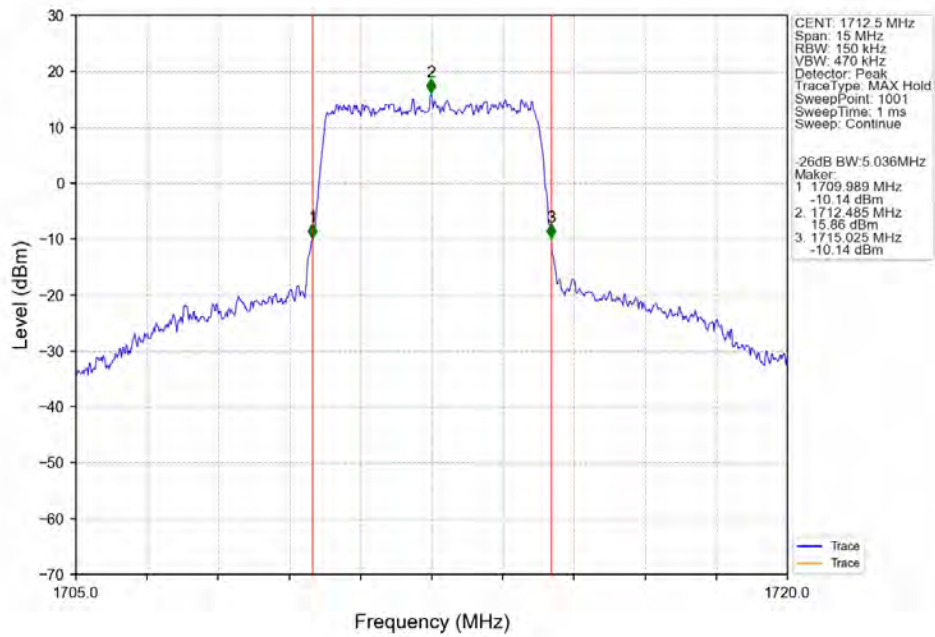
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



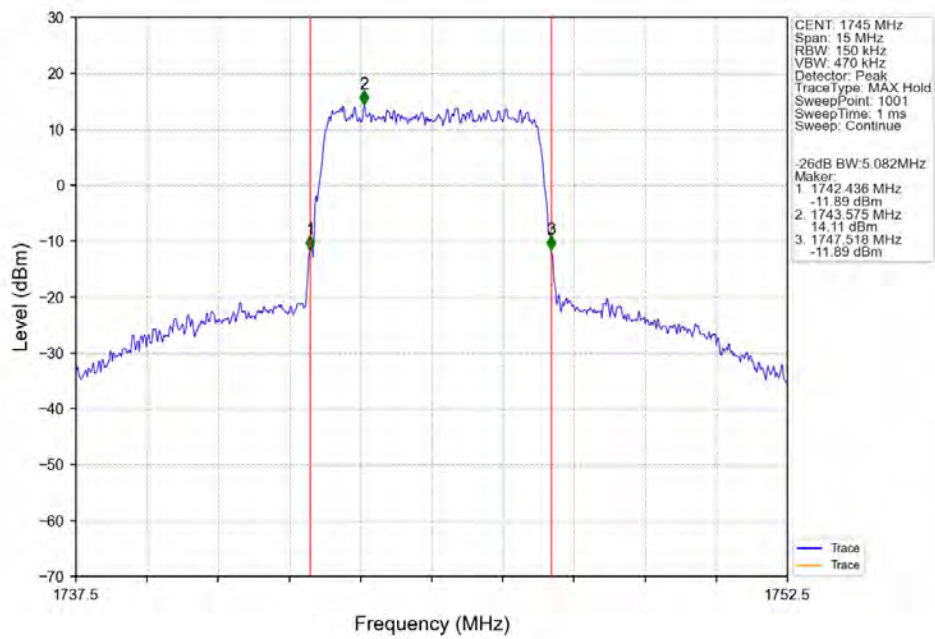
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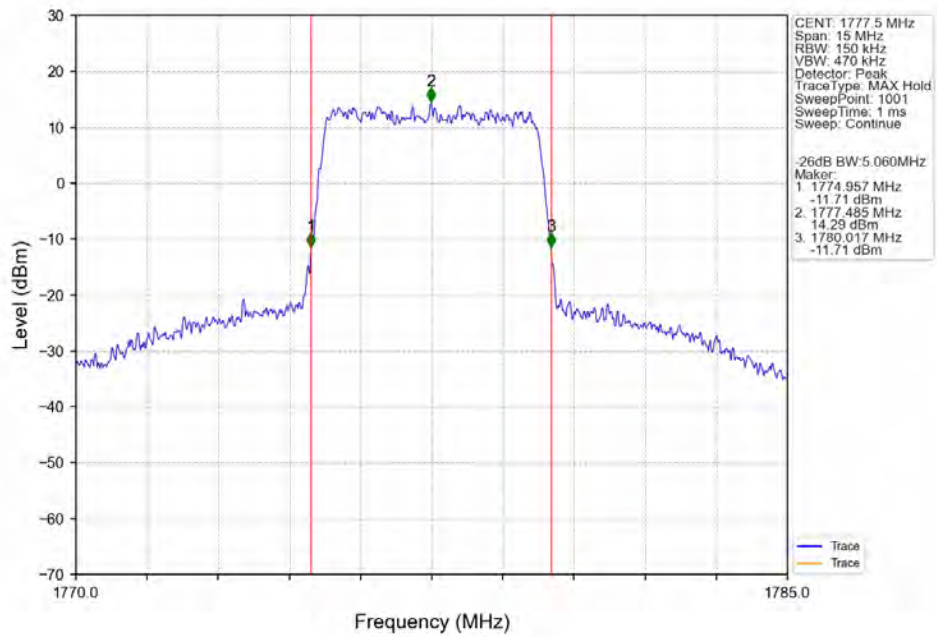
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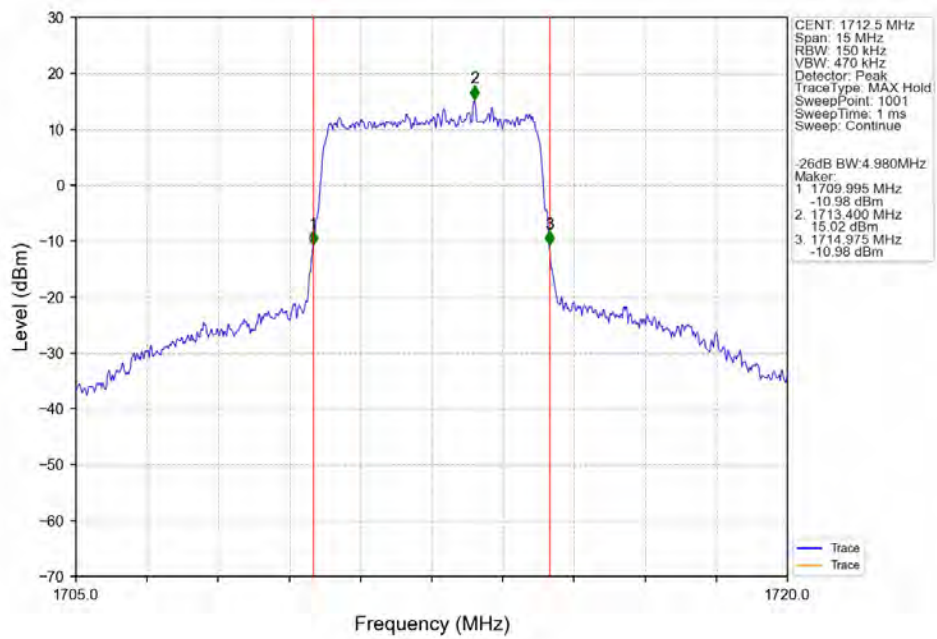
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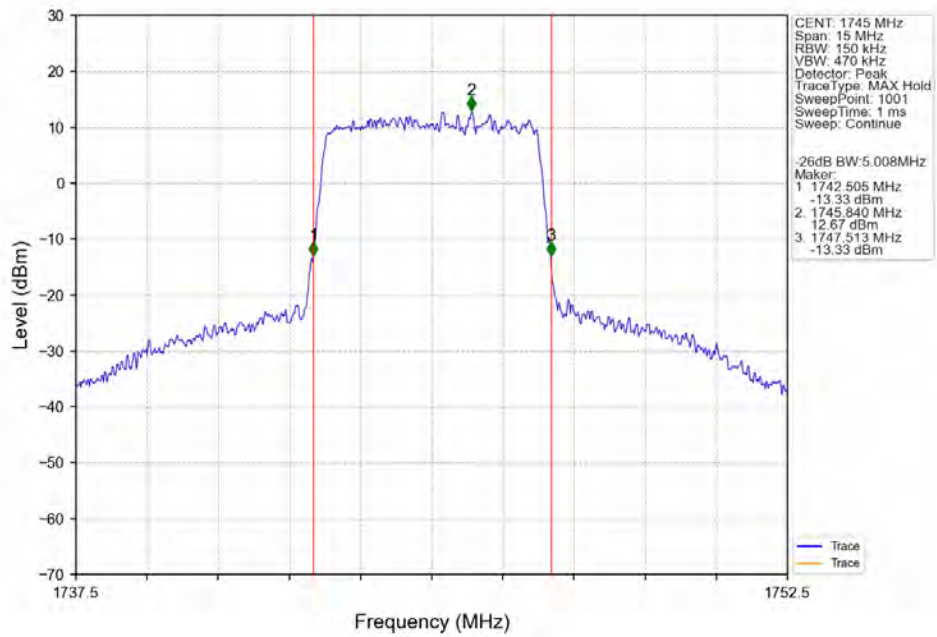
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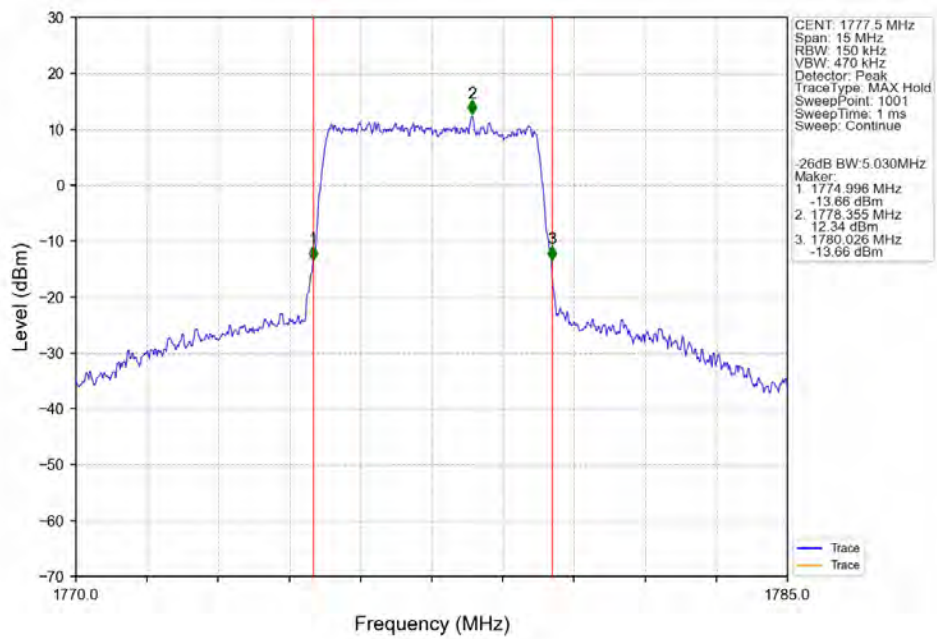
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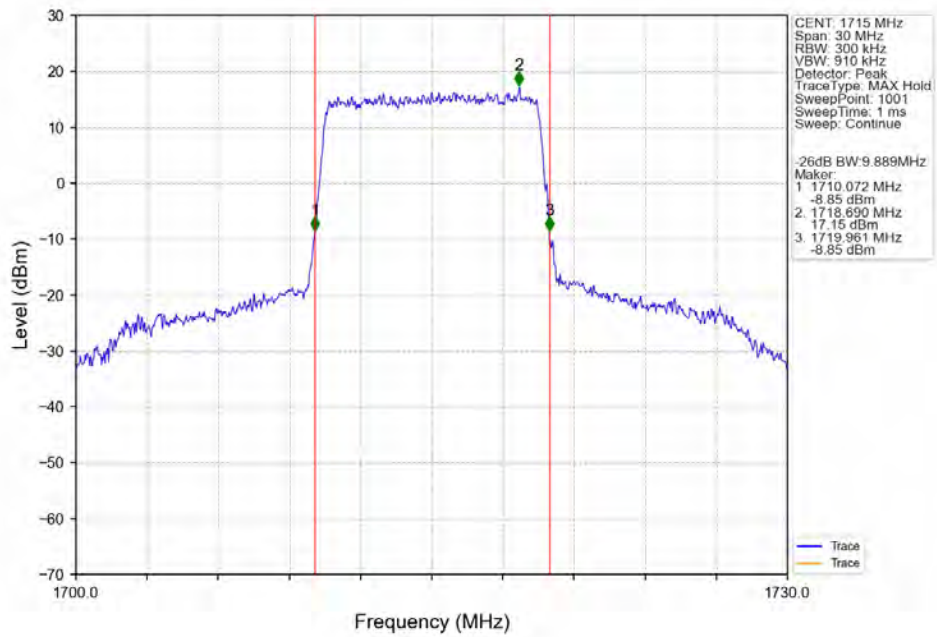
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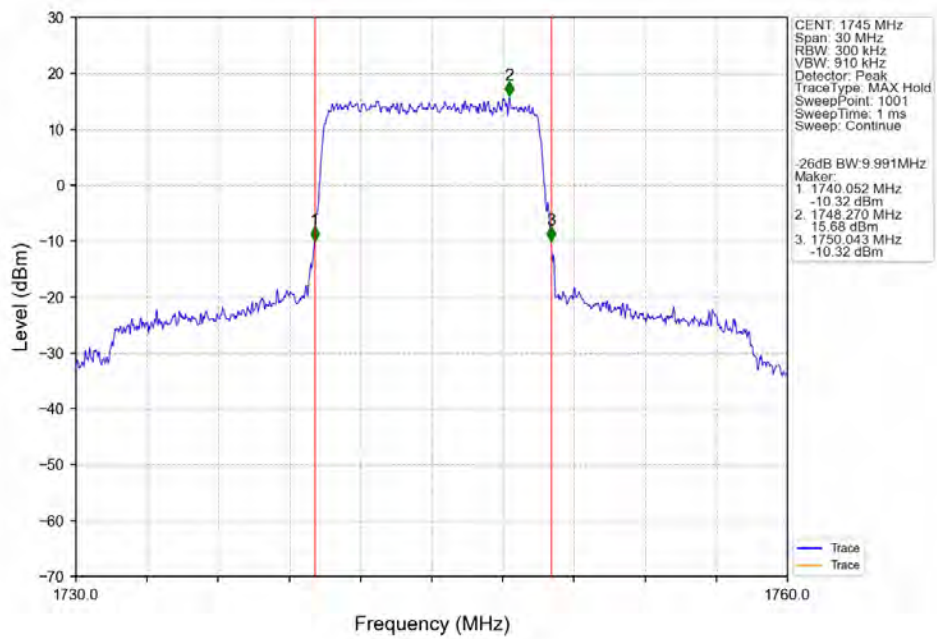
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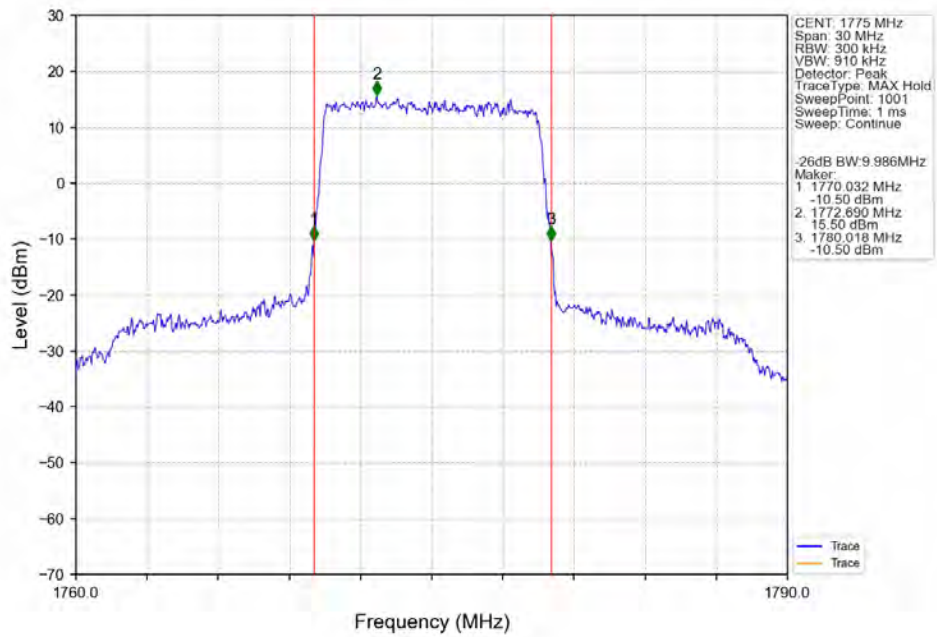
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



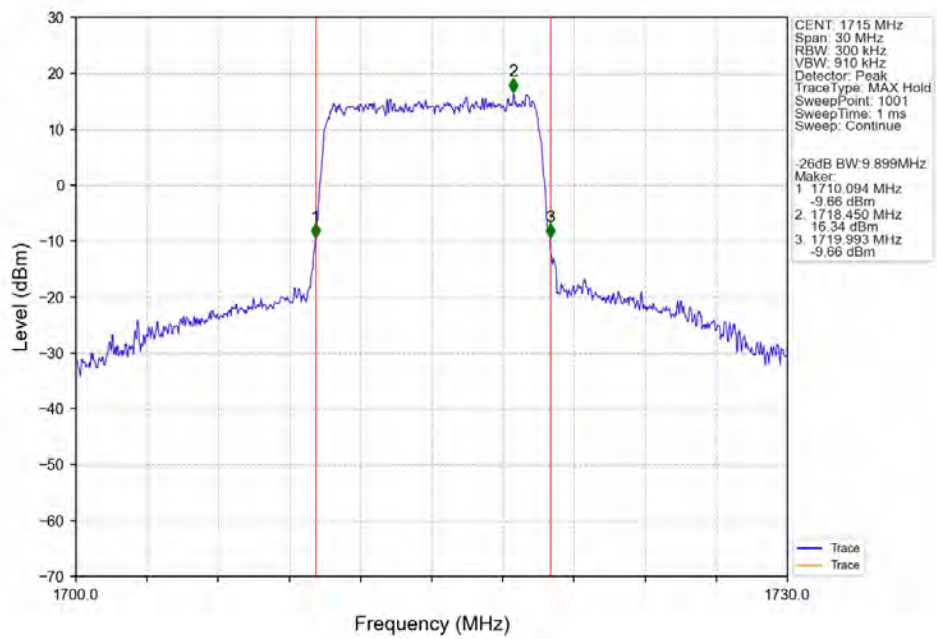
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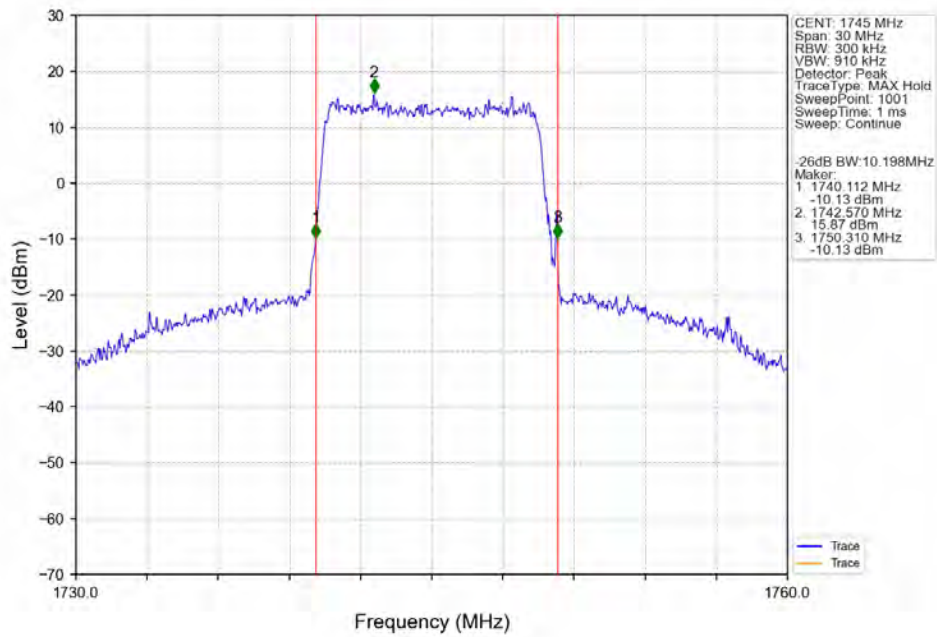
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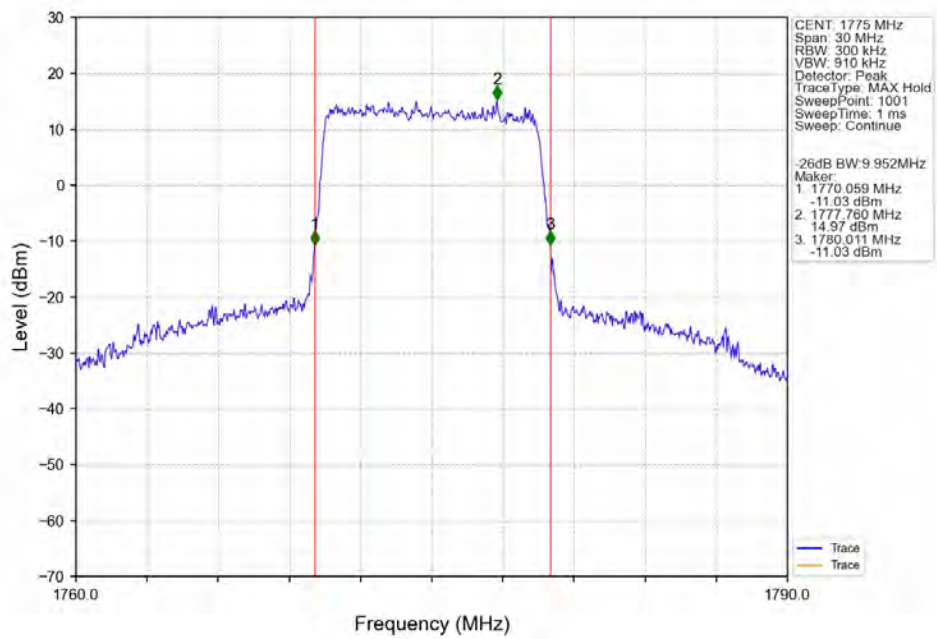
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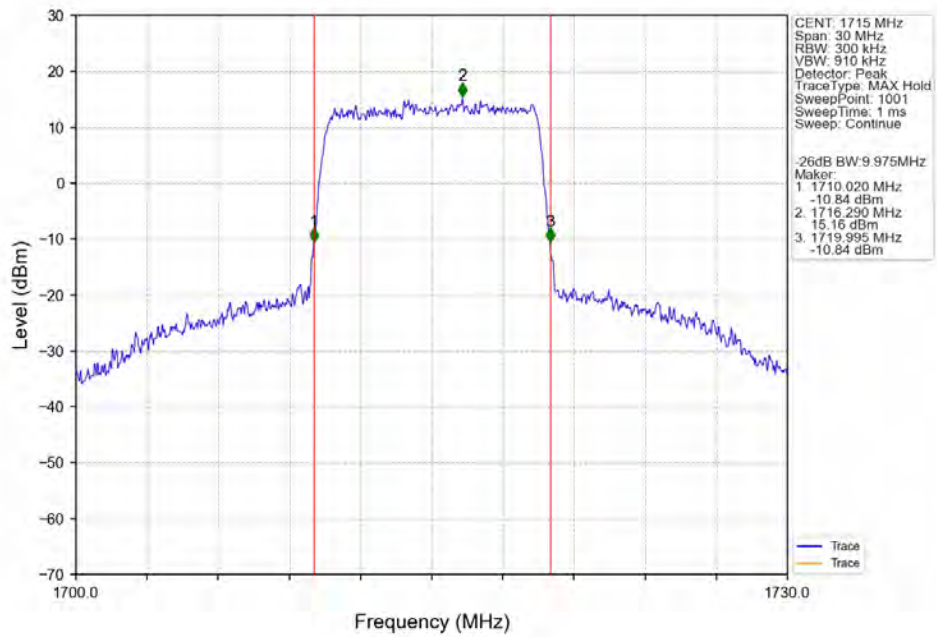
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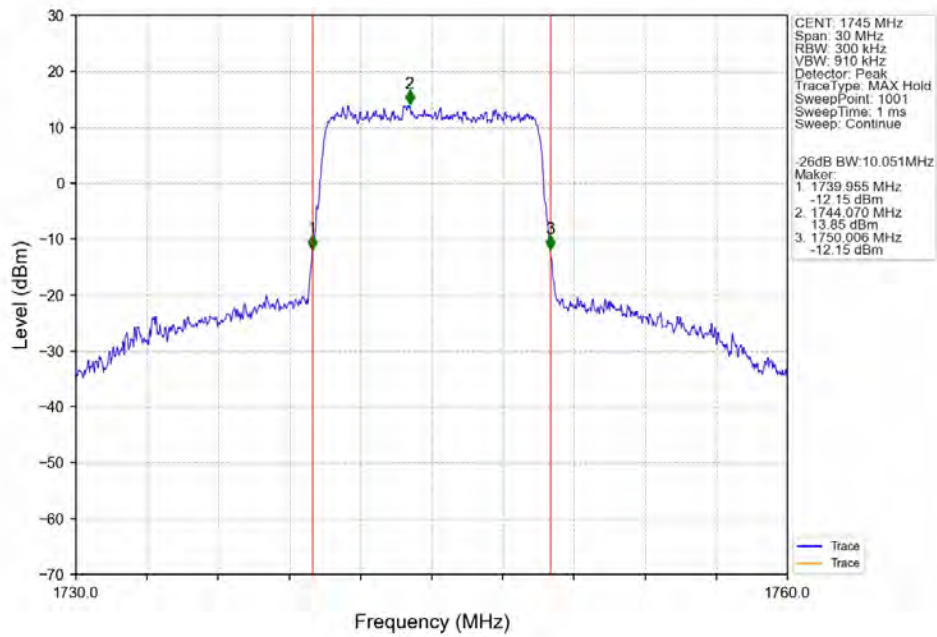
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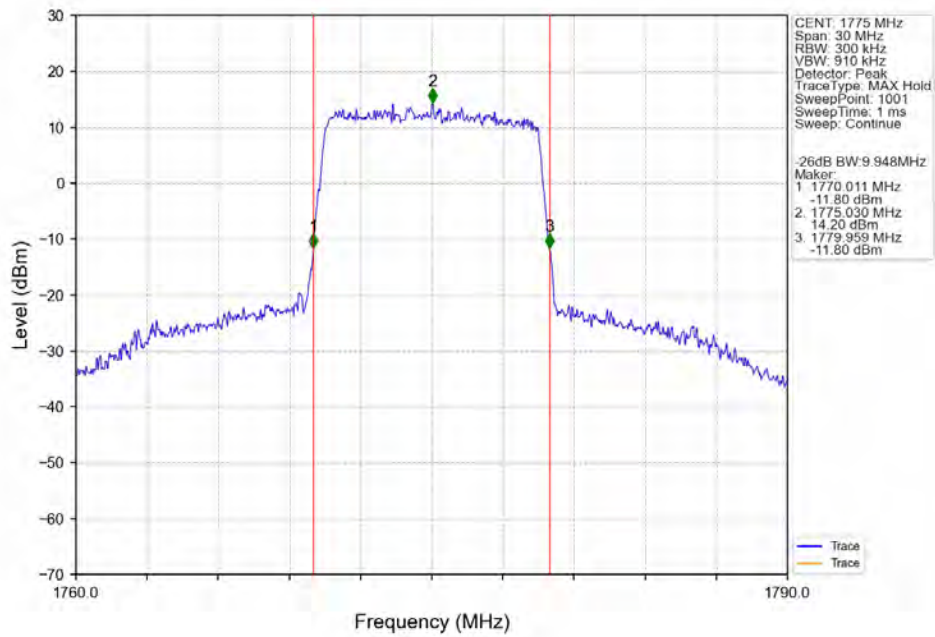
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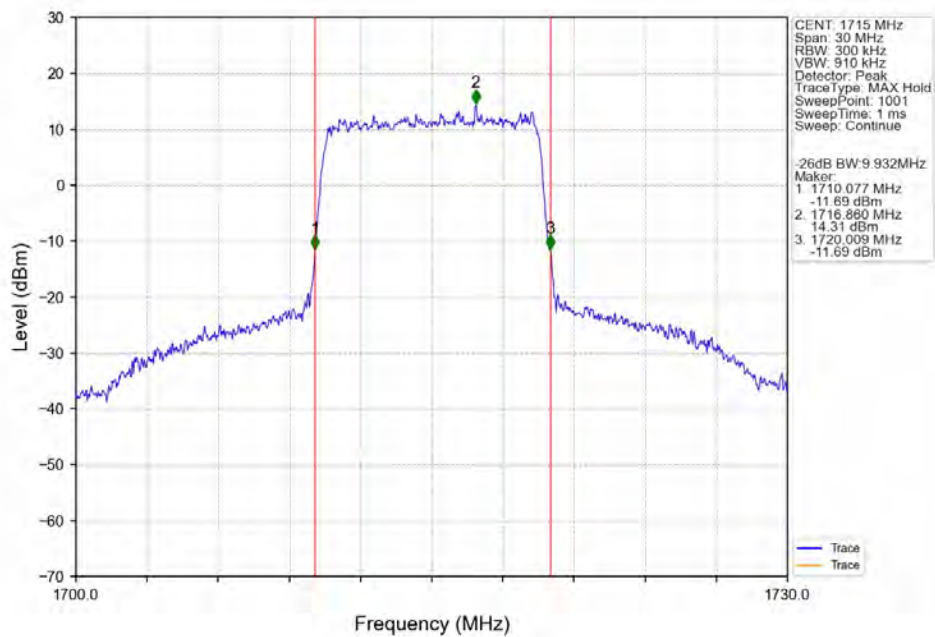
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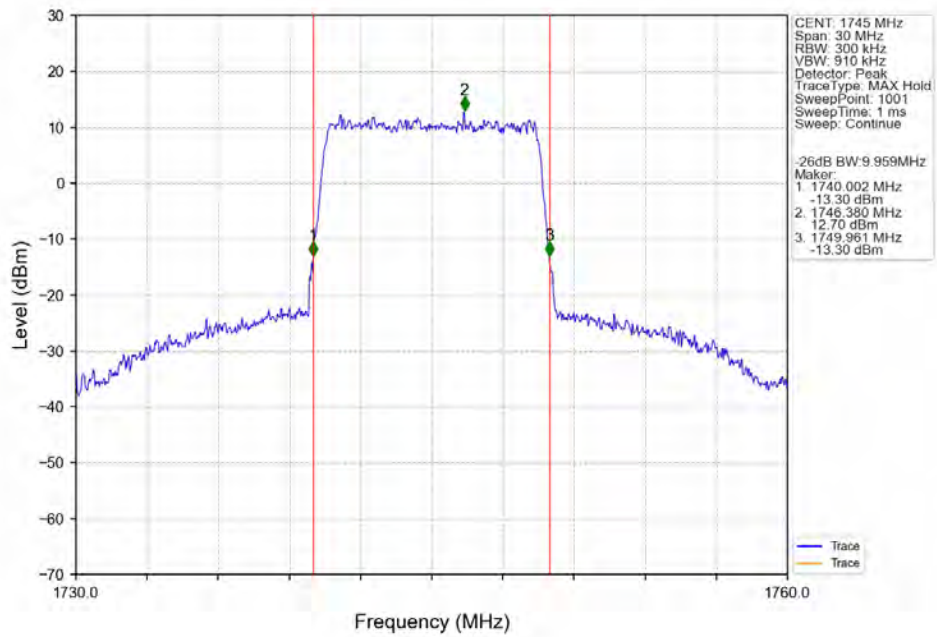
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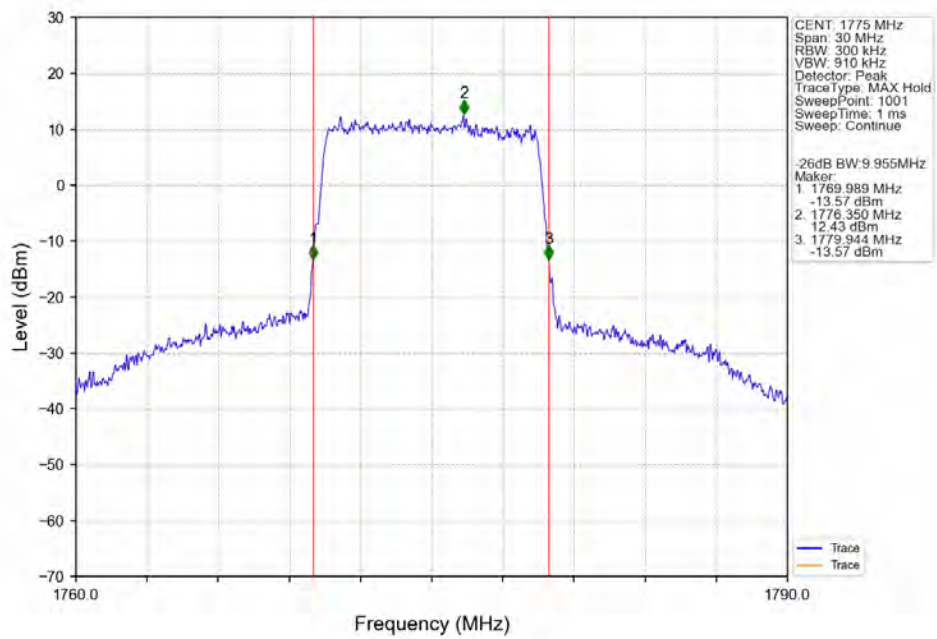
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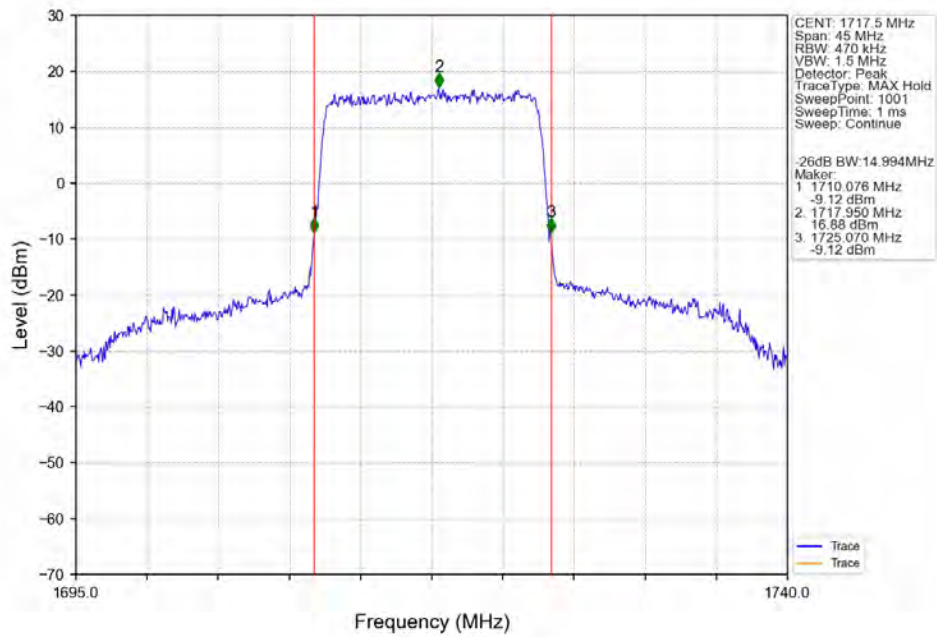
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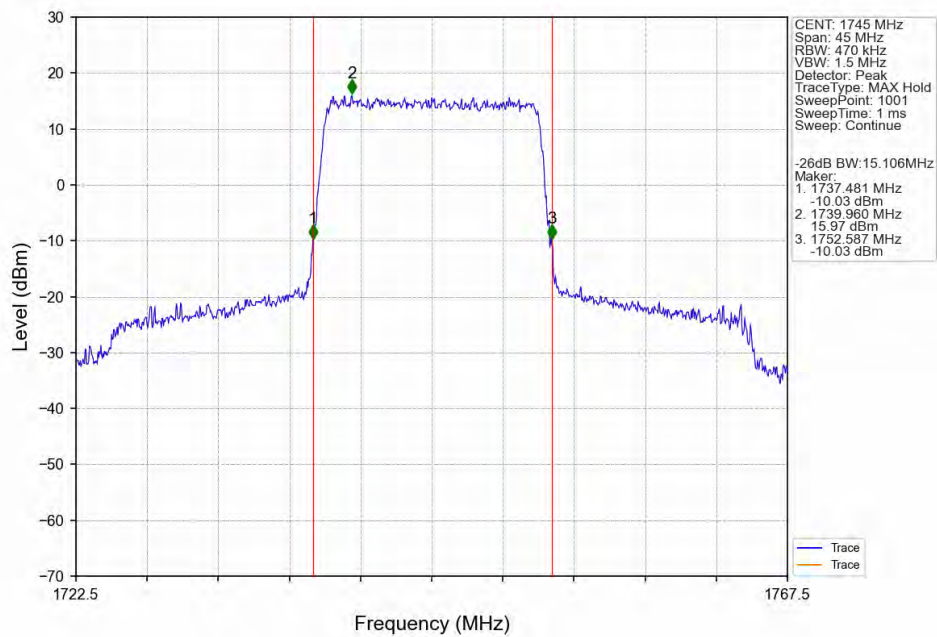
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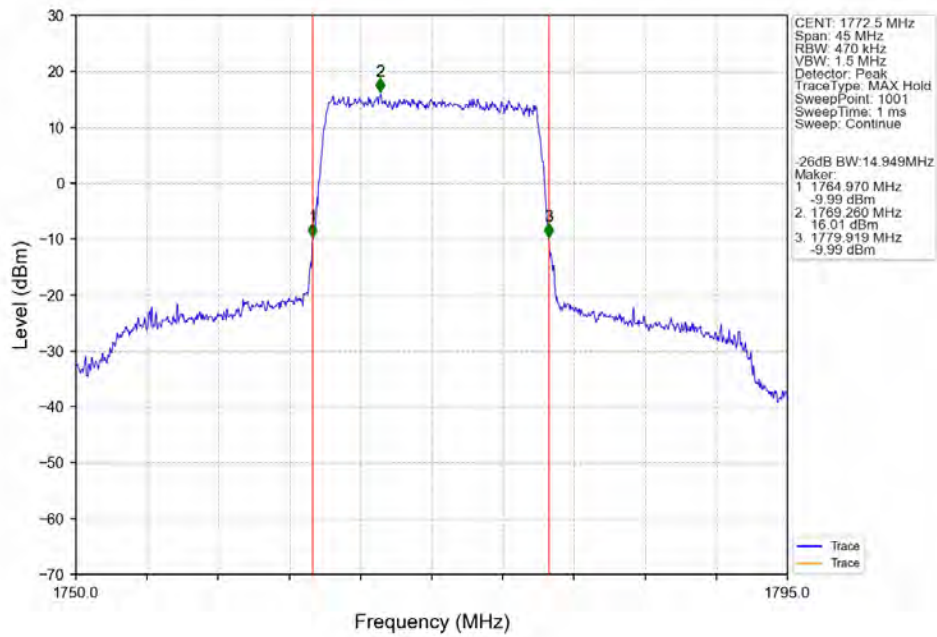
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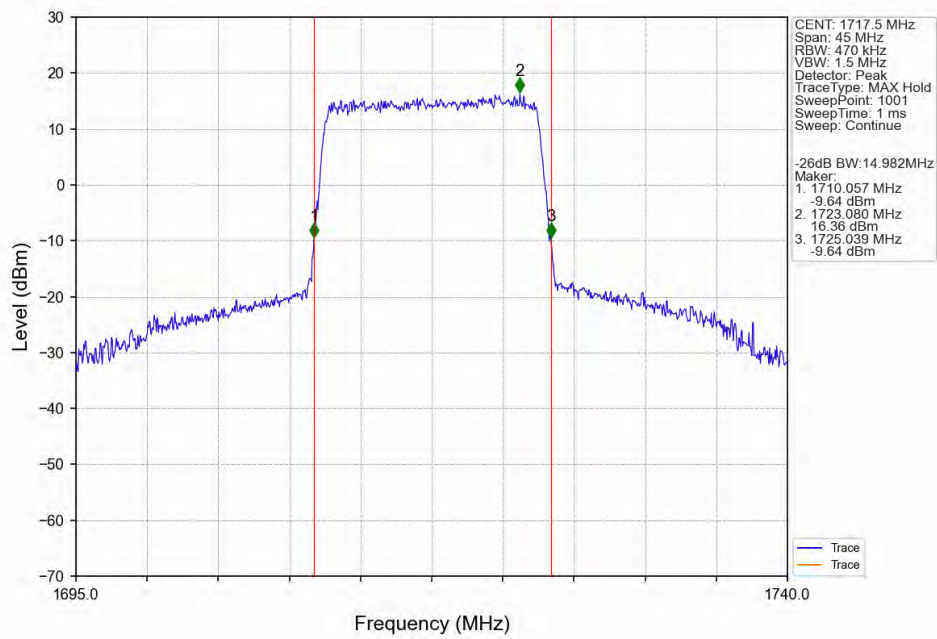
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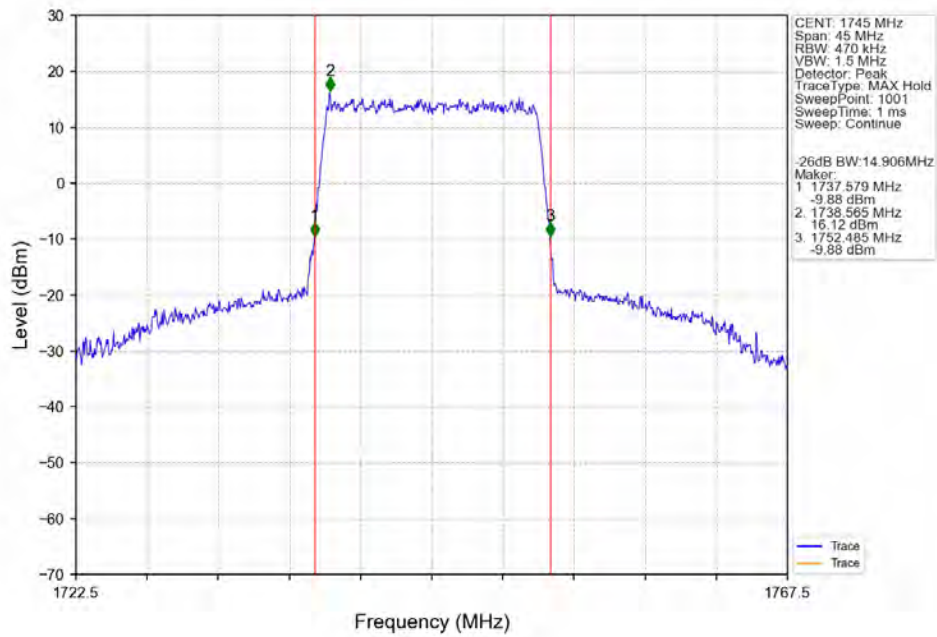
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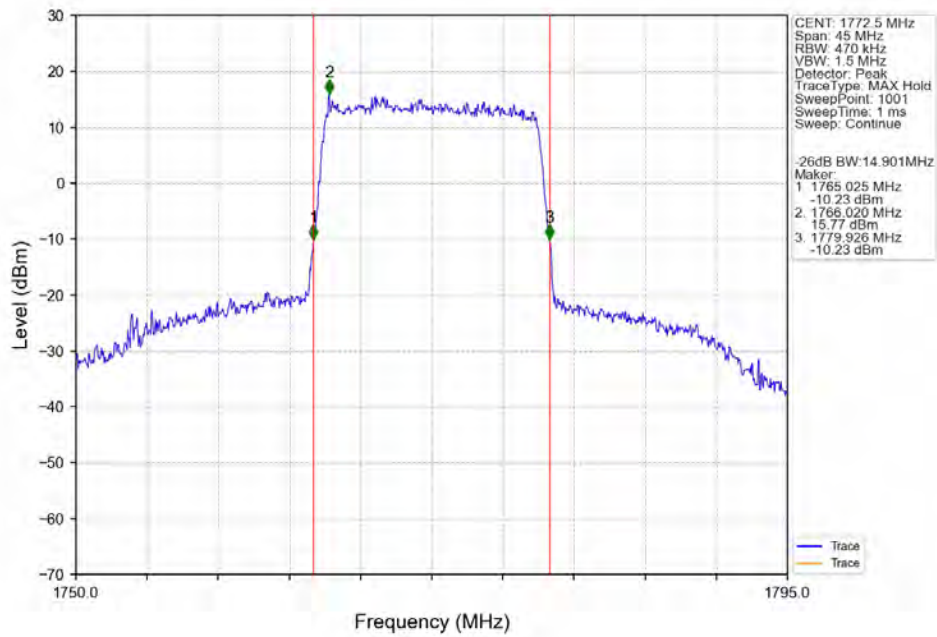
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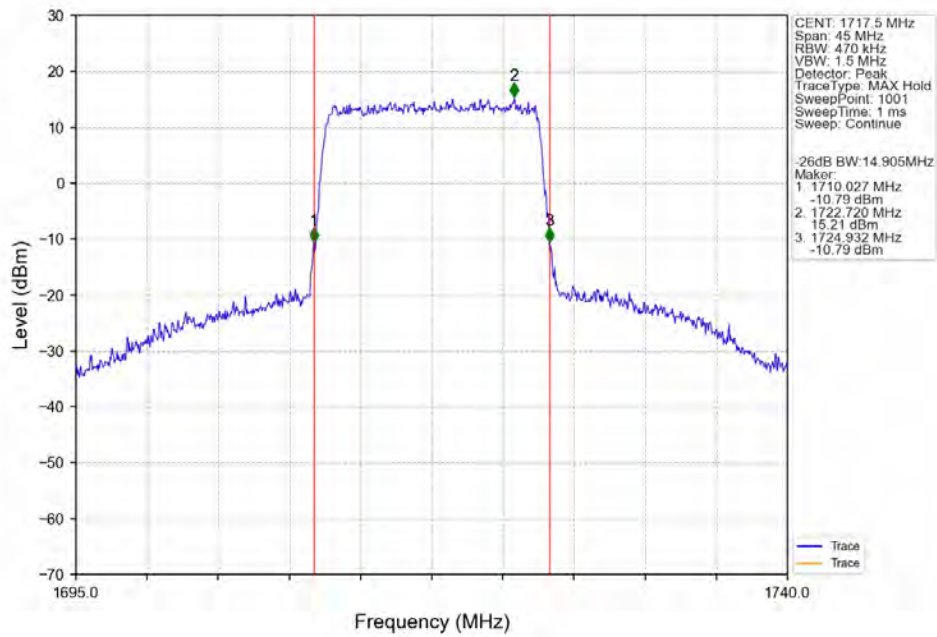
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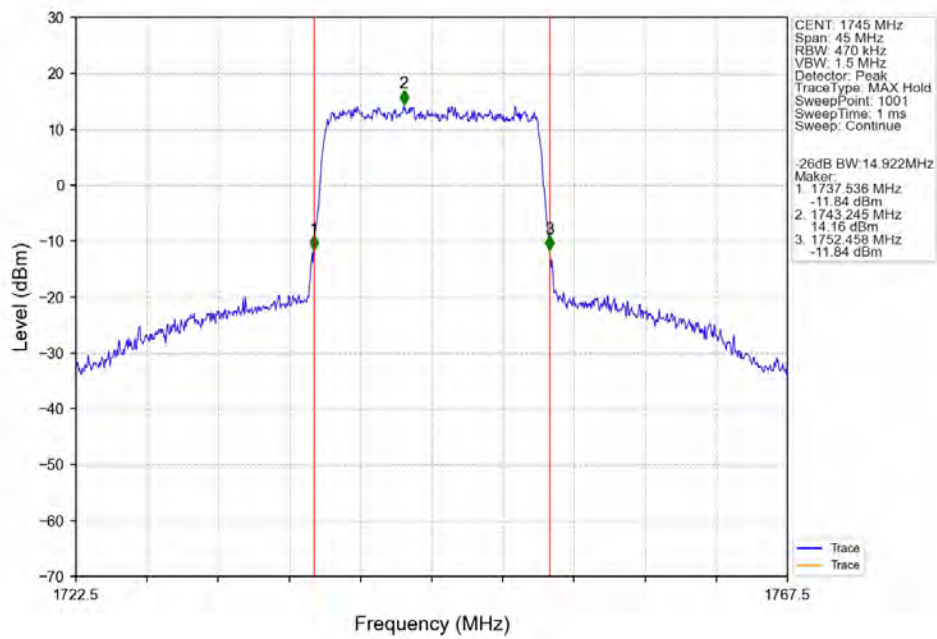
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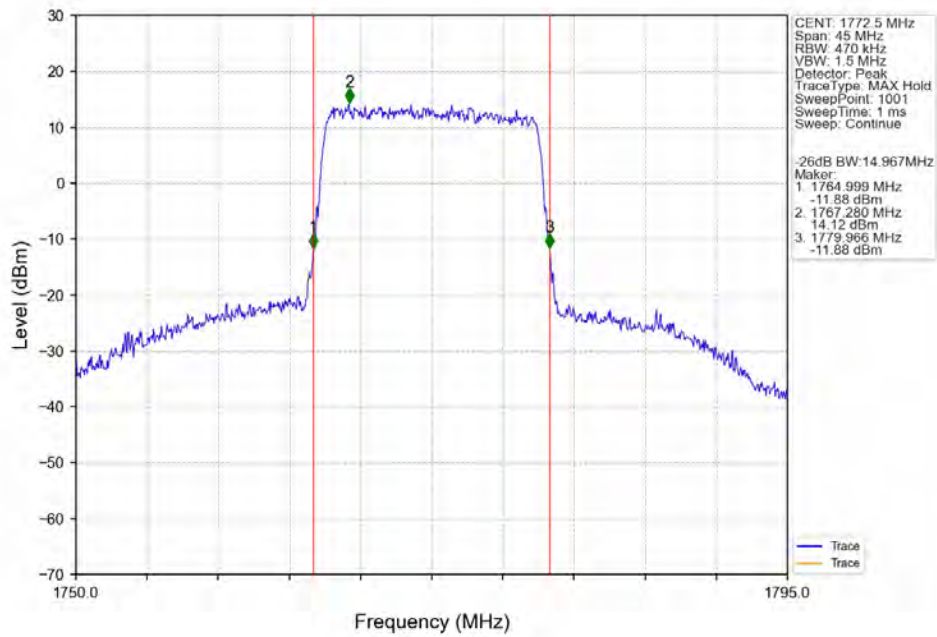
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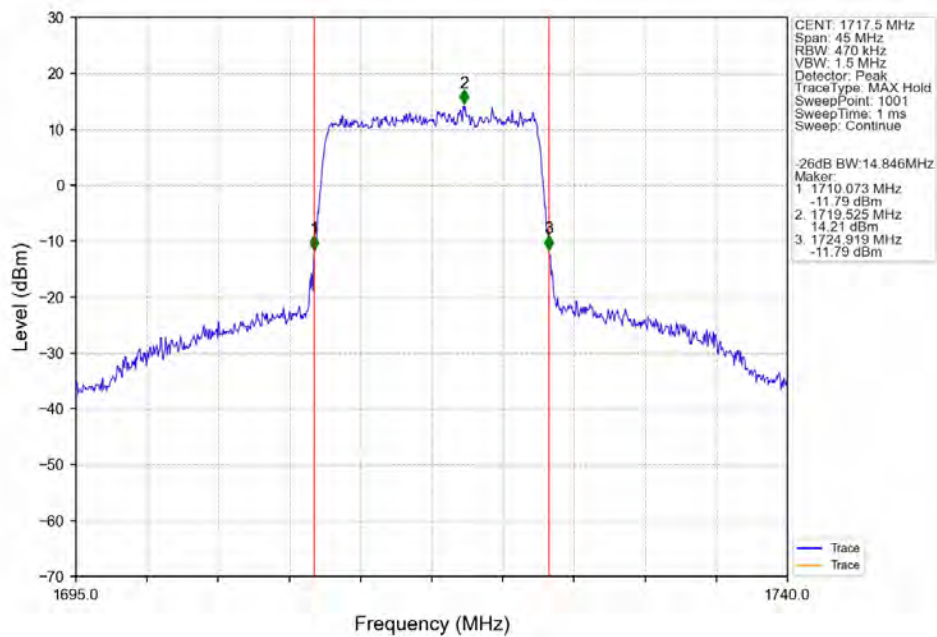
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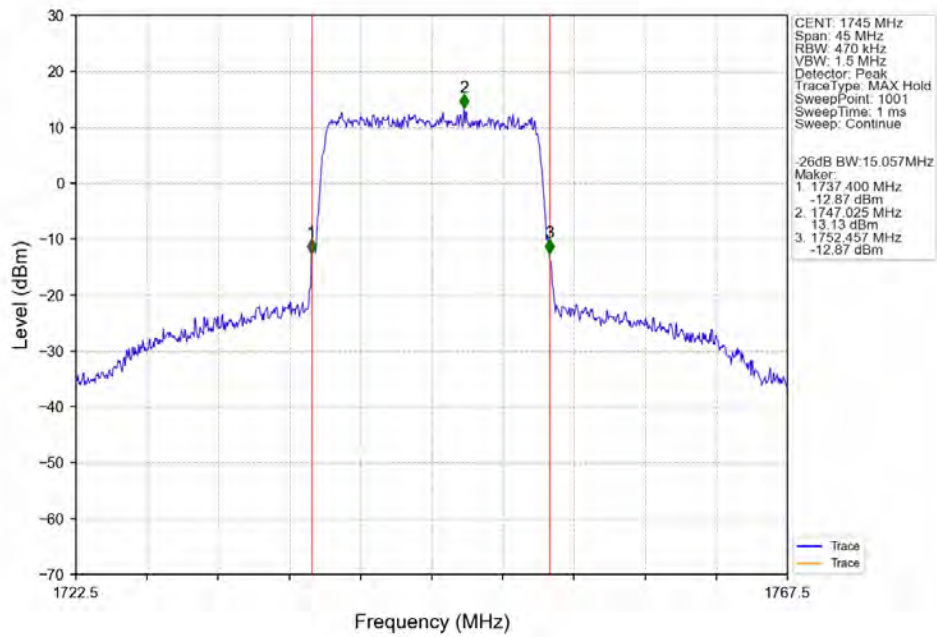
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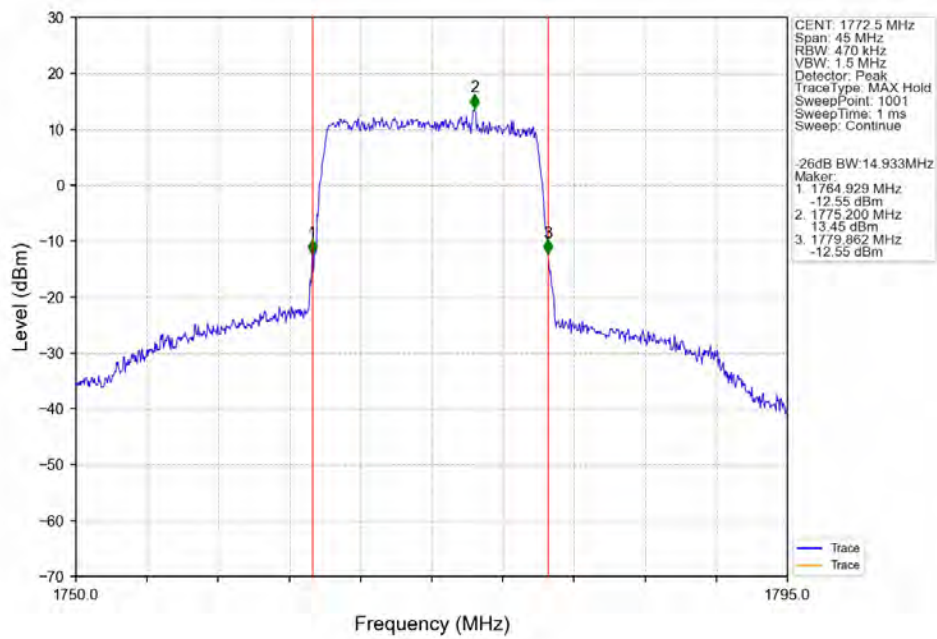
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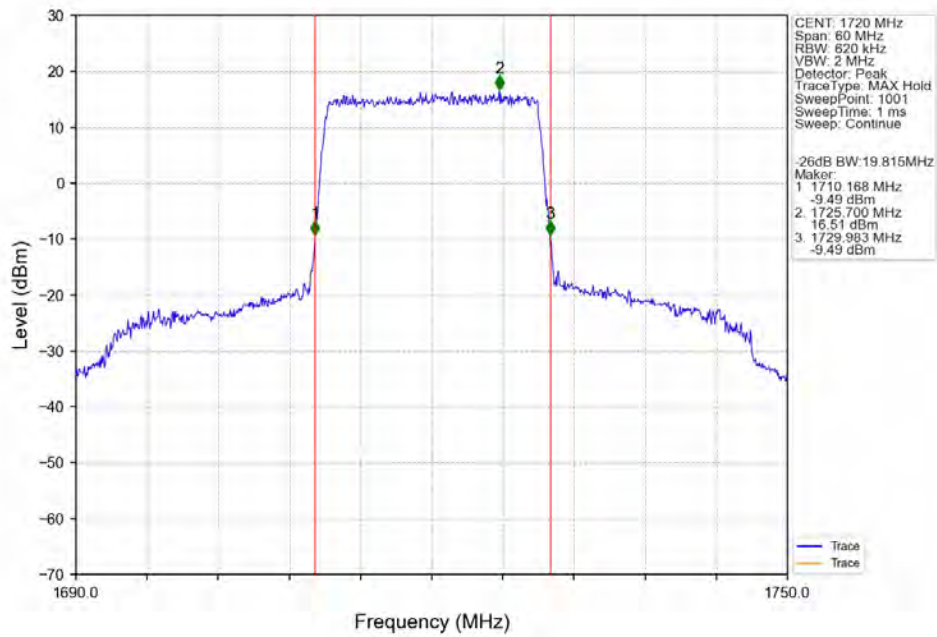
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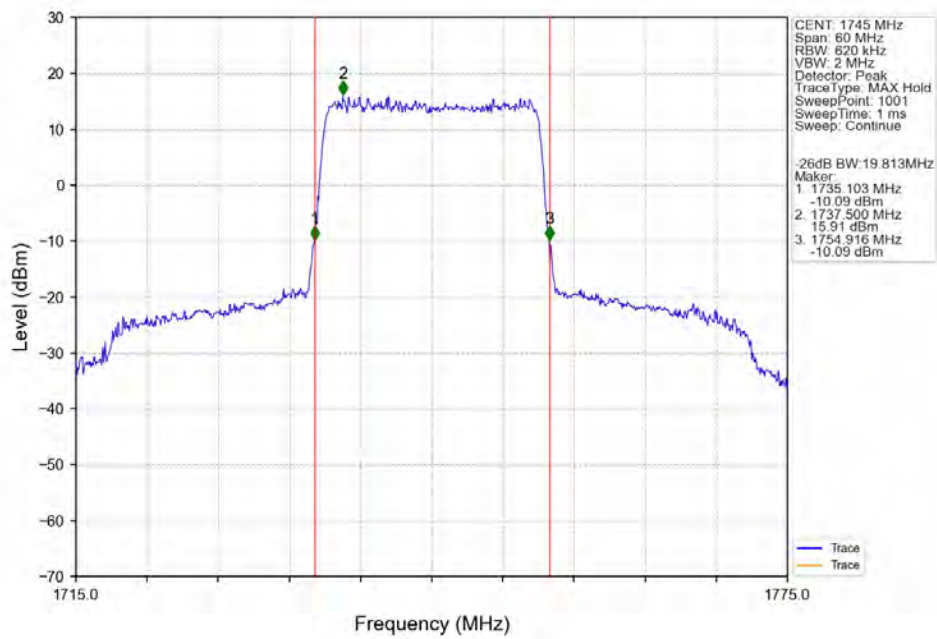
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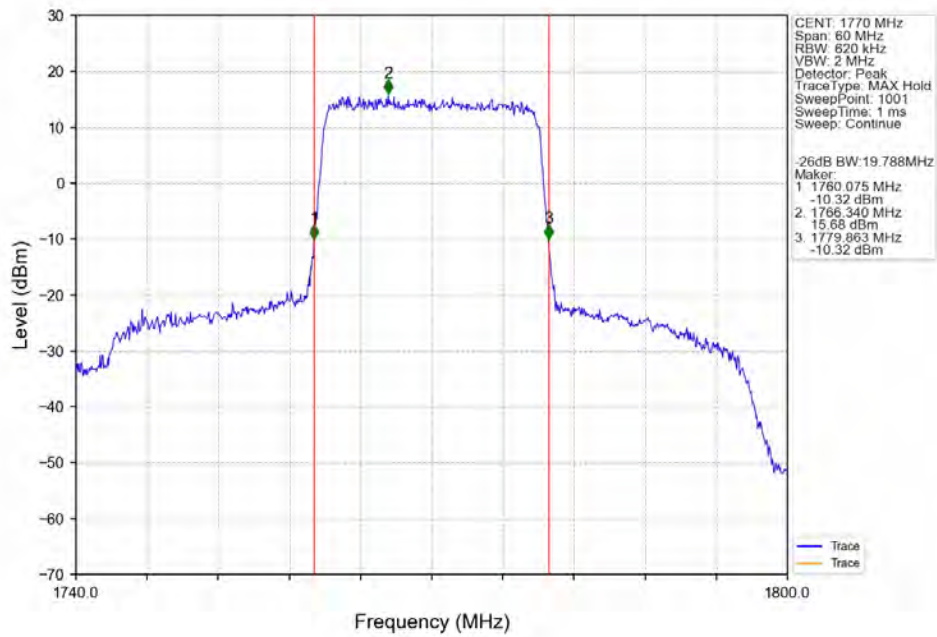
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



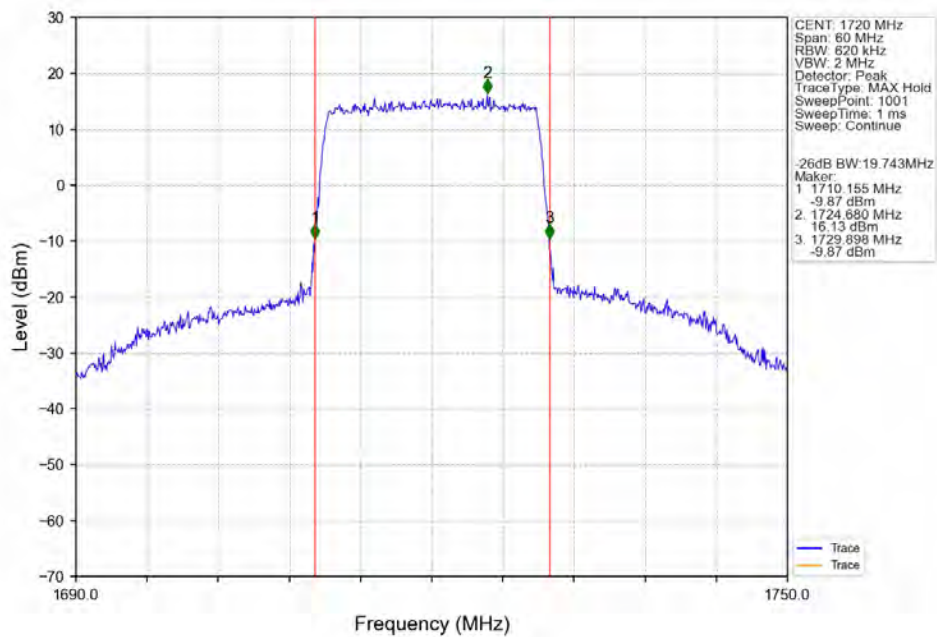
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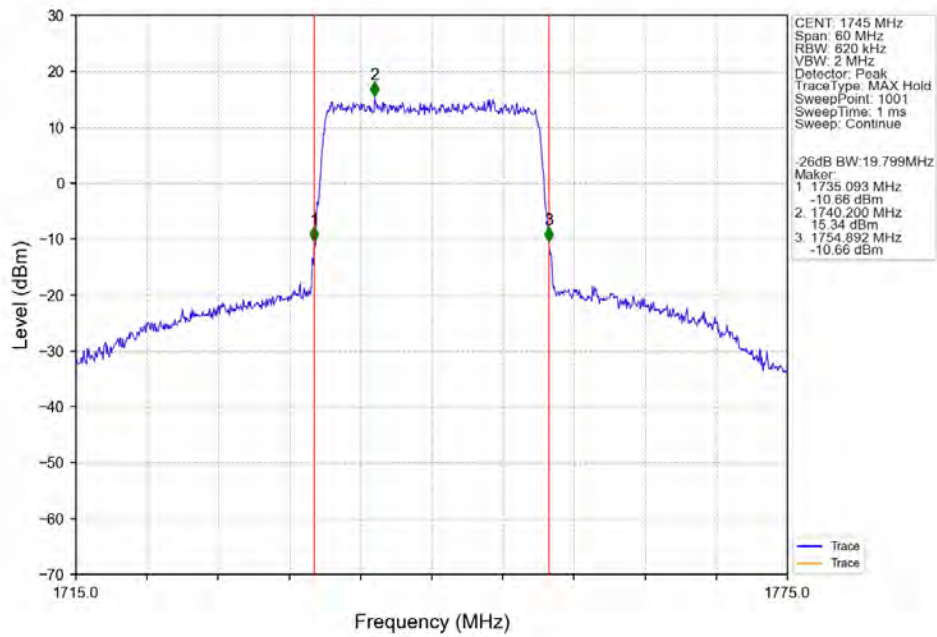
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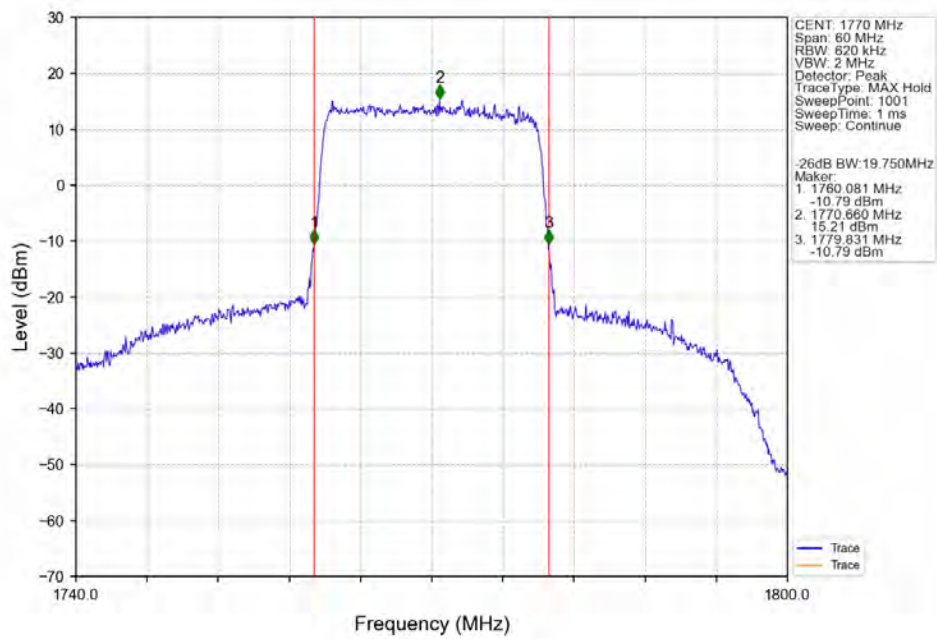
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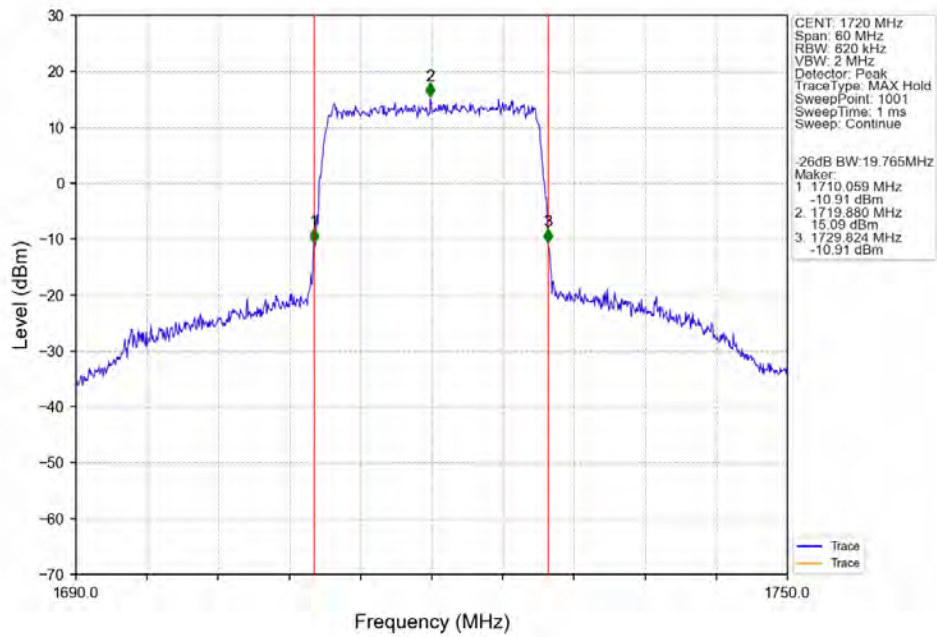
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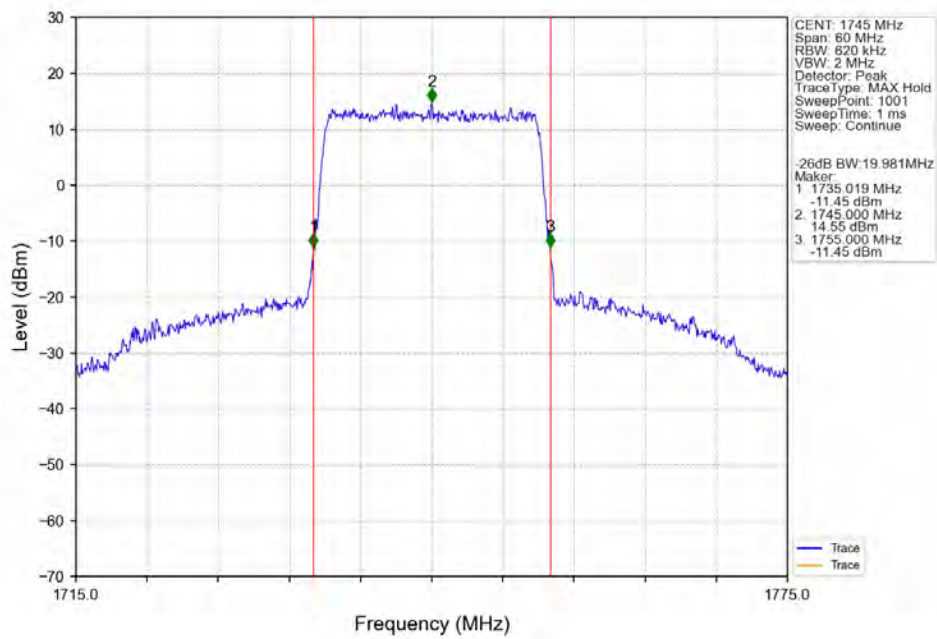
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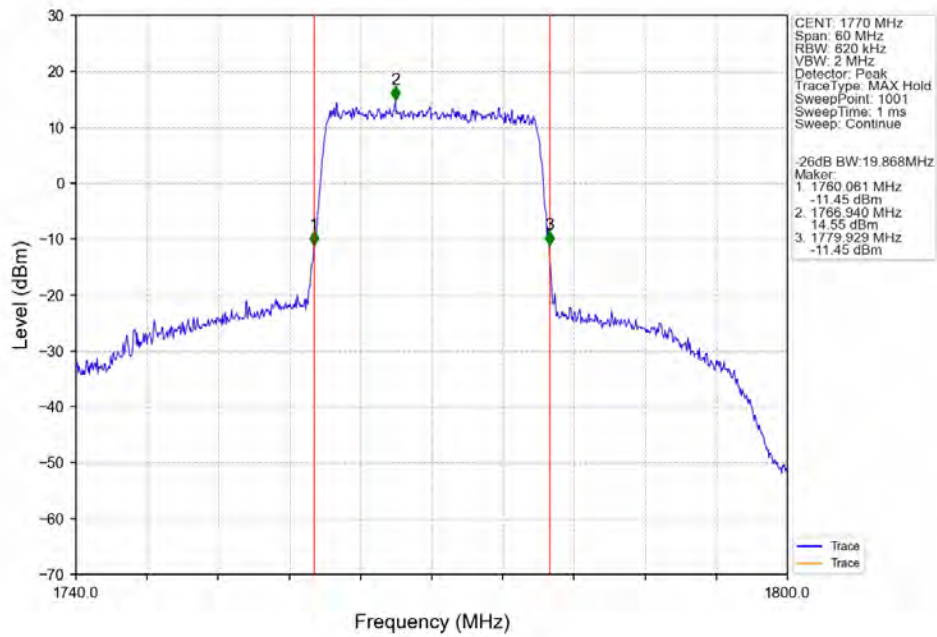
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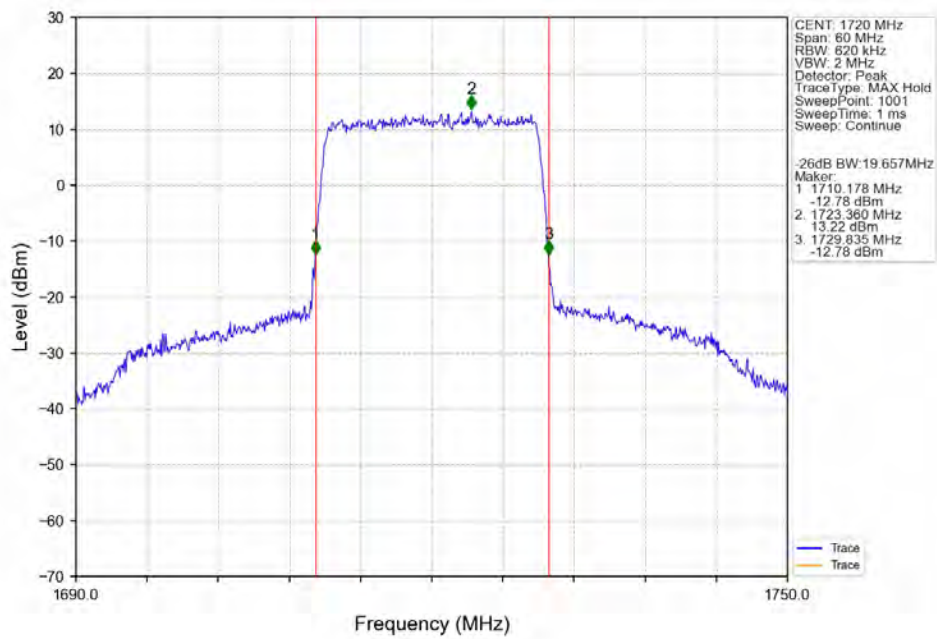
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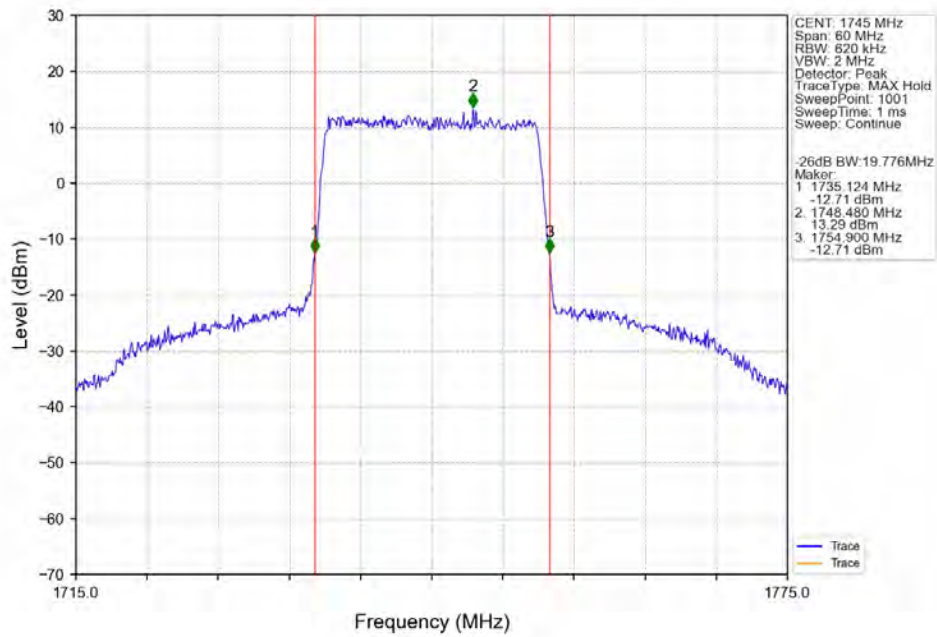
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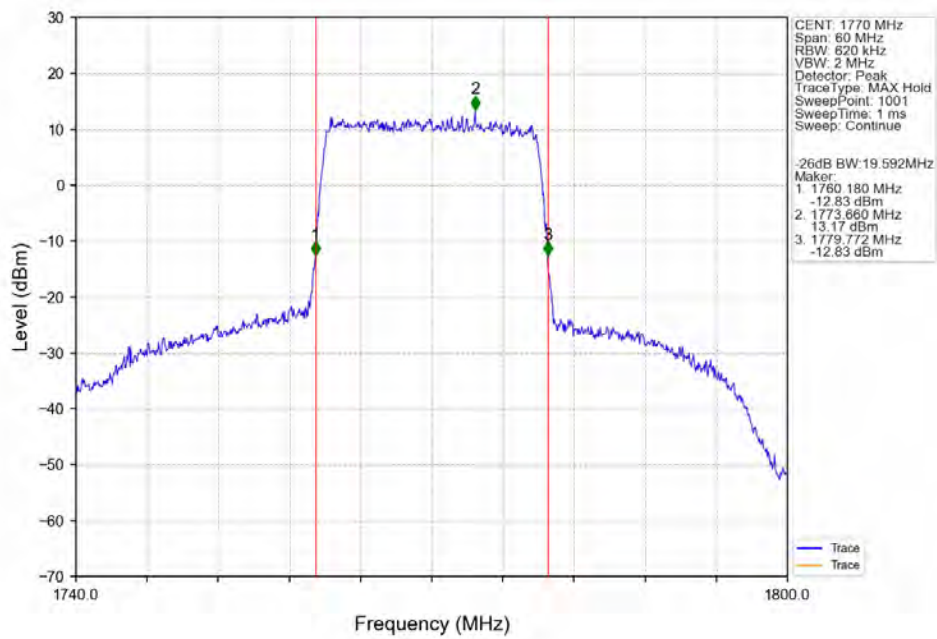
Band66_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV



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	6.15	<=13	Pass
	1745	6	0	6.10	<=13	Pass
	1779.3	6	0	6.04	<=13	Pass
16QAM	1710.7	6	0	6.86	<=13	Pass
	1745	6	0	6.80	<=13	Pass
	1779.3	6	0	6.74	<=13	Pass
64QAM	1710.7	6	0	6.93	<=13	Pass
	1745	6	0	6.78	<=13	Pass
	1779.3	6	0	6.78	<=13	Pass
256QAM	1710.7	6	0	7.03	<=13	Pass
	1745	6	0	6.79	<=13	Pass
	1779.3	6	0	6.87	<=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	6.10	<=13	Pass
	1745	15	0	6.06	<=13	Pass
	1778.5	15	0	6.00	<=13	Pass
16QAM	1711.5	15	0	6.89	<=13	Pass
	1745	15	0	6.77	<=13	Pass
	1778.5	15	0	6.71	<=13	Pass
64QAM	1711.5	15	0	6.93	<=13	Pass
	1745	15	0	6.75	<=13	Pass
	1778.5	15	0	6.75	<=13	Pass
256QAM	1711.5	15	0	6.81	<=13	Pass
	1745	15	0	6.60	<=13	Pass
	1778.5	15	0	6.64	<=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	5.91	<=13	Pass
	1745	25	0	5.98	<=13	Pass
	1777.5	25	0	5.89	<=13	Pass
16QAM	1712.5	25	0	6.58	<=13	Pass
	1745	25	0	6.57	<=13	Pass
	1777.5	25	0	6.46	<=13	Pass
64QAM	1712.5	25	0	6.80	<=13	Pass

256QAM	1745	25	0	6.67	<=13	Pass
	1777.5	25	0	6.65	<=13	Pass
	1712.5	25	0	6.69	<=13	Pass
	1745	25	0	6.56	<=13	Pass
	1777.5	25	0	6.60	<=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	5.97	<=13	Pass
	1745	50	0	5.96	<=13	Pass
	1775	50	0	5.80	<=13	Pass
16QAM	1715	50	0	6.54	<=13	Pass
	1745	50	0	6.52	<=13	Pass
	1775	50	0	6.39	<=13	Pass
64QAM	1715	50	0	6.68	<=13	Pass
	1745	50	0	6.62	<=13	Pass
	1775	50	0	6.53	<=13	Pass
256QAM	1715	50	0	6.58	<=13	Pass
	1745	50	0	6.52	<=13	Pass
	1775	50	0	6.47	<=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	5.84	<=13	Pass
	1745	75	0	5.89	<=13	Pass
	1772.5	75	0	5.66	<=13	Pass
16QAM	1717.5	75	0	6.52	<=13	Pass
	1745	75	0	6.49	<=13	Pass
	1772.5	75	0	6.29	<=13	Pass
64QAM	1717.5	75	0	6.72	<=13	Pass
	1745	75	0	6.68	<=13	Pass
	1772.5	75	0	6.52	<=13	Pass
256QAM	1717.5	75	0	6.62	<=13	Pass
	1745	75	0	6.58	<=13	Pass
	1772.5	75	0	6.48	<=13	Pass

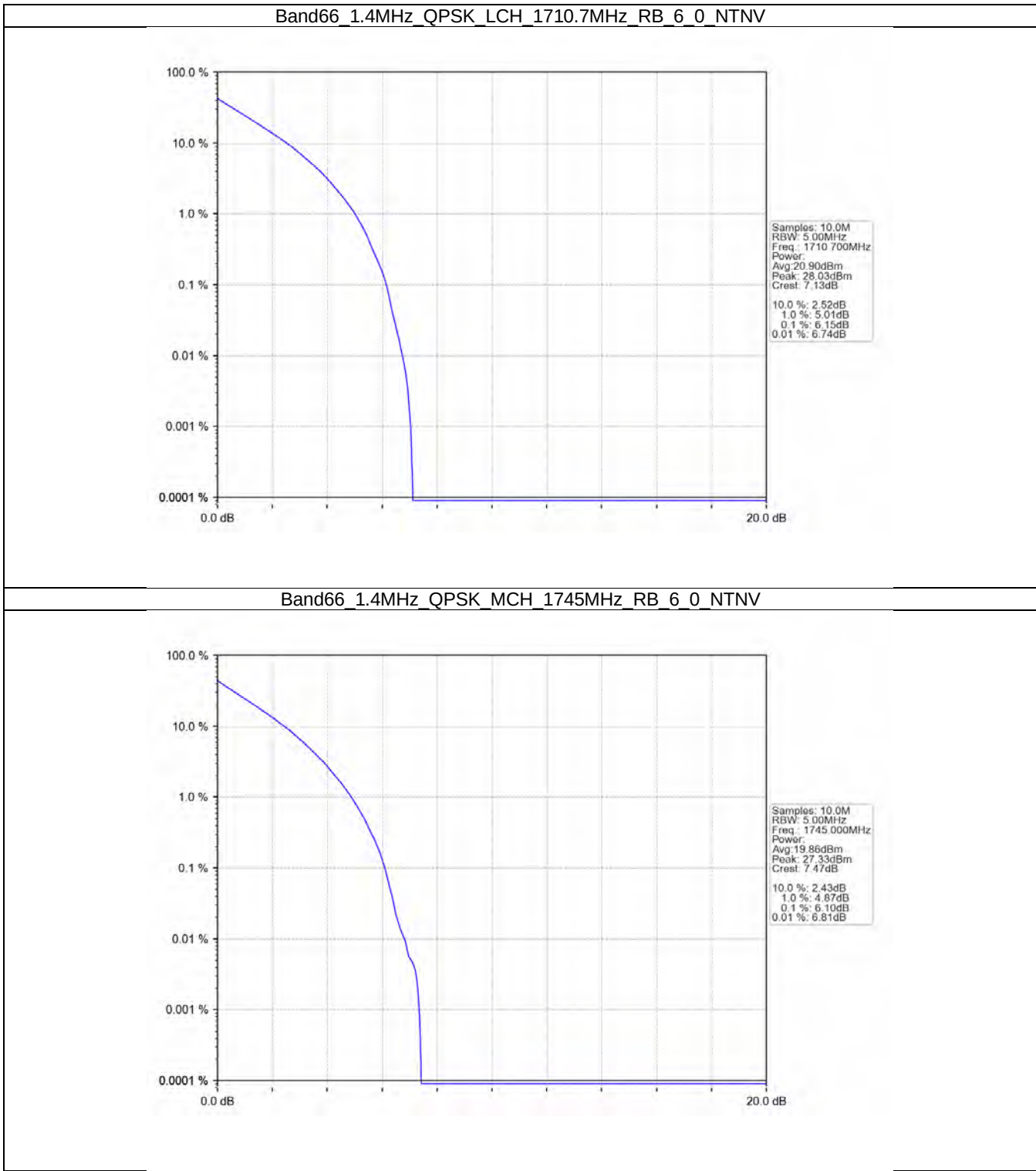
4.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.83	<=13	Pass
	1745	100	0	5.85	<=13	Pass
	1770	100	0	5.66	<=13	Pass
16QAM	1720	100	0	6.54	<=13	Pass
	1745	100	0	6.53	<=13	Pass
	1770	100	0	6.36	<=13	Pass
64QAM	1720	100	0	6.67	<=13	Pass

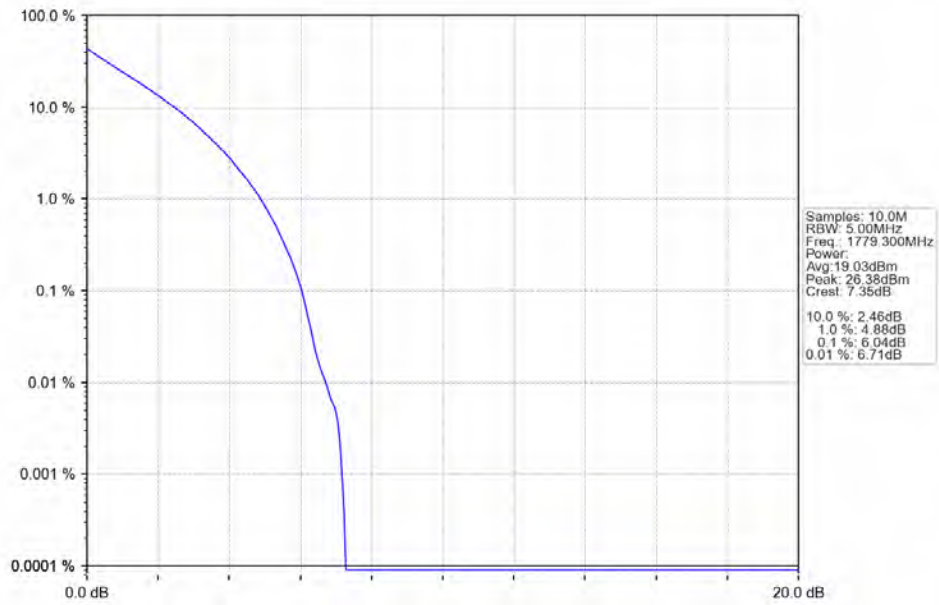
256QAM	1745	100	0	6.64	<=13	Pass
	1770	100	0	6.51	<=13	Pass
	1720	100	0	6.59	<=13	Pass
	1745	100	0	6.59	<=13	Pass
	1770	100	0	6.48	<=13	Pass

4.2 Test Graph

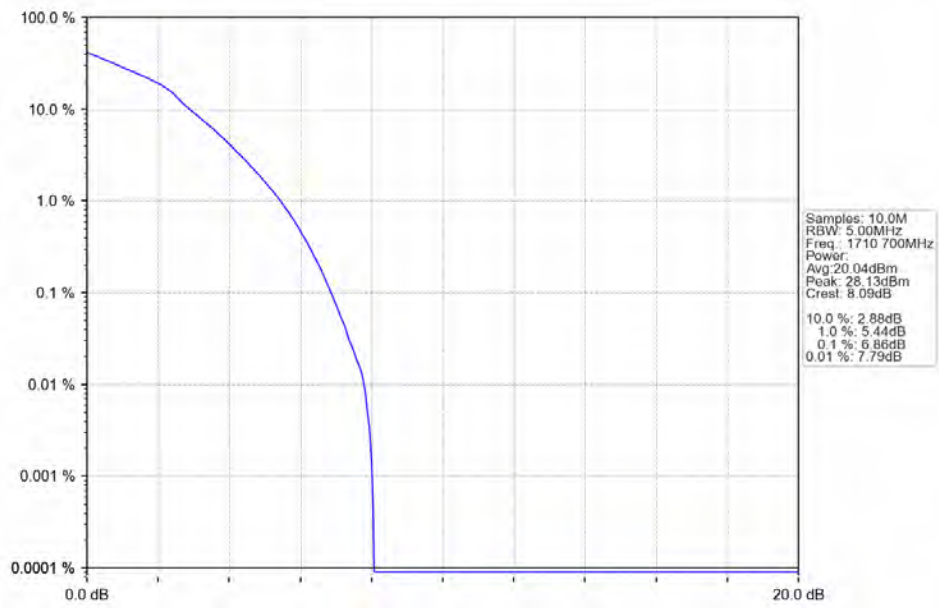
4.2.1 B66_1.4MHz



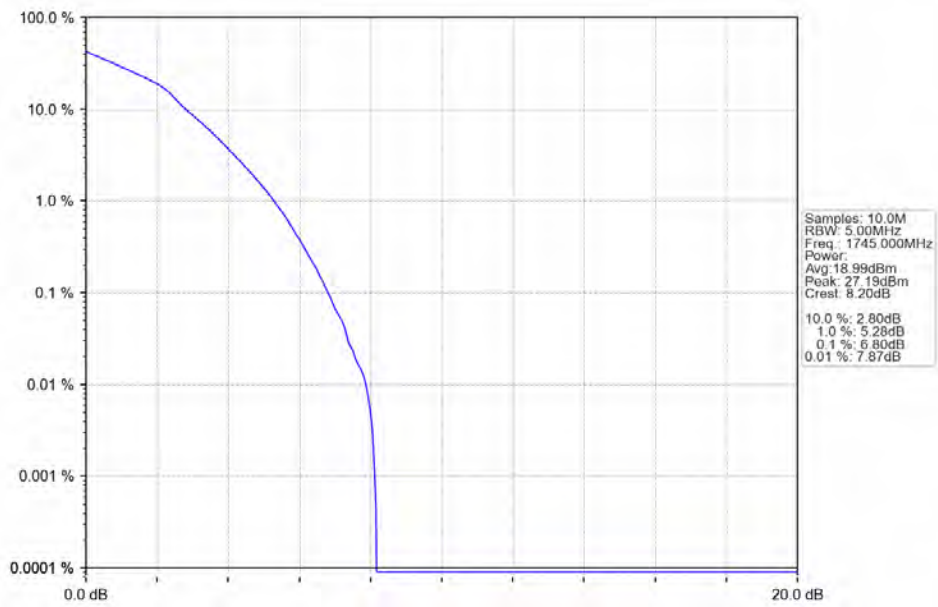
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV



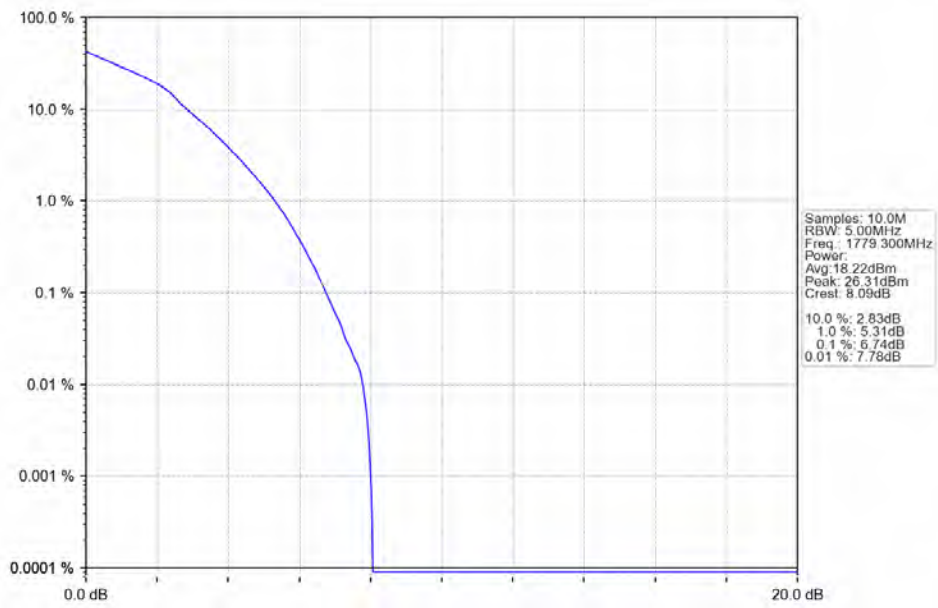
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV



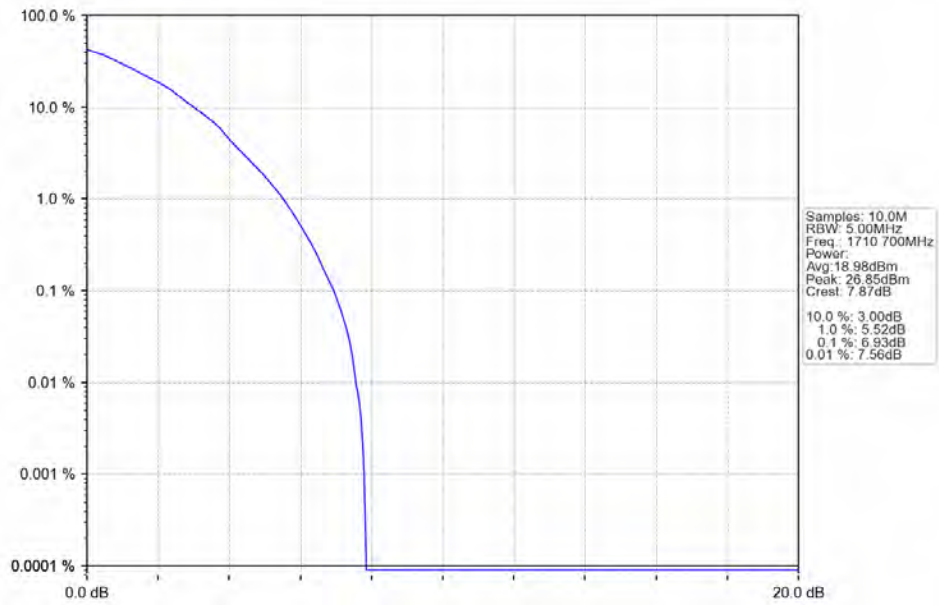
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



Band66 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTNV

