

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP (ANT13)

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.36	-0.85	22.51	<=30	Pass
			2	23.43	-0.85	22.58	<=30	Pass
			5	23.39	-0.85	22.54	<=30	Pass
		3	0	23.43	-0.85	22.58	<=30	Pass
			2	23.45	-0.85	22.60	<=30	Pass
			3	23.47	-0.85	22.62	<=30	Pass
		6	0	22.41	-0.85	21.56	<=30	Pass
	1745	1	0	23.22	-0.85	22.37	<=30	Pass
			2	23.36	-0.85	22.51	<=30	Pass
			5	23.27	-0.85	22.42	<=30	Pass
		3	0	23.27	-0.85	22.42	<=30	Pass
			2	23.33	-0.85	22.48	<=30	Pass
			3	23.29	-0.85	22.44	<=30	Pass
		6	0	22.36	-0.85	21.51	<=30	Pass
	1779.3	1	0	23.14	-0.85	22.29	<=30	Pass
			2	23.23	-0.85	22.38	<=30	Pass
			5	23.13	-0.85	22.28	<=30	Pass
		3	0	23.19	-0.85	22.34	<=30	Pass
			2	23.17	-0.85	22.32	<=30	Pass
			3	23.22	-0.85	22.37	<=30	Pass
		6	0	22.24	-0.85	21.39	<=30	Pass
16QAM	1710.7	1	0	22.74	-0.85	21.89	<=30	Pass
			2	22.79	-0.85	21.94	<=30	Pass
			5	22.68	-0.85	21.83	<=30	Pass
		3	0	22.49	-0.85	21.64	<=30	Pass
			2	22.57	-0.85	21.72	<=30	Pass
			3	22.53	-0.85	21.68	<=30	Pass
		6	0	21.52	-0.85	20.67	<=30	Pass
	1745	1	0	22.60	-0.85	21.75	<=30	Pass
			2	22.63	-0.85	21.78	<=30	Pass
			5	22.48	-0.85	21.63	<=30	Pass
		3	0	22.36	-0.85	21.51	<=30	Pass
			2	22.36	-0.85	21.51	<=30	Pass
			3	22.42	-0.85	21.57	<=30	Pass
		6	0	21.38	-0.85	20.53	<=30	Pass
	1779.3	1	0	22.53	-0.85	21.68	<=30	Pass
			2	22.54	-0.85	21.69	<=30	Pass
			5	22.56	-0.85	21.71	<=30	Pass
		3	0	22.29	-0.85	21.44	<=30	Pass
			2	22.32	-0.85	21.47	<=30	Pass
			3	22.30	-0.85	21.45	<=30	Pass
		6	0	21.20	-0.85	20.35	<=30	Pass
64QAM	1710.7	1	0	22.59	-0.85	21.74	<=30	Pass
			2	22.52	-0.85	21.67	<=30	Pass
			5	22.67	-0.85	21.82	<=30	Pass
		3	0	22.52	-0.85	21.67	<=30	Pass
			2	22.48	-0.85	21.63	<=30	Pass
			3	22.44	-0.85	21.59	<=30	Pass
		6	0	21.47	-0.85	20.62	<=30	Pass

	1745	1	0	22.38	-0.85	21.53	<=30	Pass
			2	22.51	-0.85	21.66	<=30	Pass
			5	22.46	-0.85	21.61	<=30	Pass
		3	0	22.43	-0.85	21.58	<=30	Pass
			2	22.39	-0.85	21.54	<=30	Pass
			3	22.40	-0.85	21.55	<=30	Pass
		6	0	21.26	-0.85	20.41	<=30	Pass
	1779.3	1	0	22.23	-0.85	21.38	<=30	Pass
			2	22.27	-0.85	21.42	<=30	Pass
			5	22.27	-0.85	21.42	<=30	Pass
		3	0	22.27	-0.85	21.42	<=30	Pass
			2	22.29	-0.85	21.44	<=30	Pass
			3	22.25	-0.85	21.40	<=30	Pass
		6	0	21.30	-0.85	20.45	<=30	Pass
256QAM	1710.7	1	0	18.51	-0.85	17.66	<=30	Pass
			2	18.81	-0.85	17.96	<=30	Pass
			5	18.63	-0.85	17.78	<=30	Pass
		3	0	18.56	-0.85	17.71	<=30	Pass
			2	18.54	-0.85	17.69	<=30	Pass
			3	18.55	-0.85	17.70	<=30	Pass
		6	0	18.60	-0.85	17.75	<=30	Pass
	1745	1	0	18.36	-0.85	17.51	<=30	Pass
			2	18.41	-0.85	17.56	<=30	Pass
			5	18.46	-0.85	17.61	<=30	Pass
		3	0	18.33	-0.85	17.48	<=30	Pass
			2	18.41	-0.85	17.56	<=30	Pass
			3	18.42	-0.85	17.57	<=30	Pass
	6	0	18.38	-0.85	17.53	<=30	Pass	
	1779.3	1	0	18.28	-0.85	17.43	<=30	Pass
			2	18.34	-0.85	17.49	<=30	Pass
			5	18.29	-0.85	17.44	<=30	Pass
		3	0	18.31	-0.85	17.46	<=30	Pass
			2	18.25	-0.85	17.40	<=30	Pass
			3	18.29	-0.85	17.44	<=30	Pass
		6	0	18.25	-0.85	17.40	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B66_3MHz_EIRP (ANT13)

Band: 66 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.46	-0.85	22.61	<=30	Pass
			7	23.58	-0.85	22.73	<=30	Pass
			14	23.43	-0.85	22.58	<=30	Pass
		8	0	22.49	-0.85	21.64	<=30	Pass
			4	22.52	-0.85	21.67	<=30	Pass
			7	22.43	-0.85	21.58	<=30	Pass
		15	0	22.45	-0.85	21.60	<=30	Pass
	1745	1	0	23.27	-0.85	22.42	<=30	Pass
			7	23.21	-0.85	22.36	<=30	Pass
			14	23.18	-0.85	22.33	<=30	Pass
		8	0	22.35	-0.85	21.50	<=30	Pass
			4	22.33	-0.85	21.48	<=30	Pass
			7	22.34	-0.85	21.49	<=30	Pass
		15	0	22.30	-0.85	21.45	<=30	Pass
	1778.5	1	0	23.06	-0.85	22.21	<=30	Pass

		8	7	23.20	-0.85	22.35	<=30	Pass
			14	23.17	-0.85	22.32	<=30	Pass
			0	22.27	-0.85	21.42	<=30	Pass
			4	22.28	-0.85	21.43	<=30	Pass
			7	22.27	-0.85	21.42	<=30	Pass
		15	0	22.23	-0.85	21.38	<=30	Pass
16QAM	1711.5	1	0	22.70	-0.85	21.85	<=30	Pass
			7	22.81	-0.85	21.96	<=30	Pass
			14	22.65	-0.85	21.80	<=30	Pass
		8	0	21.50	-0.85	20.65	<=30	Pass
			4	21.64	-0.85	20.79	<=30	Pass
			7	21.51	-0.85	20.66	<=30	Pass
		15	0	21.54	-0.85	20.69	<=30	Pass
	1745	1	0	22.56	-0.85	21.71	<=30	Pass
			7	22.72	-0.85	21.87	<=30	Pass
			14	22.53	-0.85	21.68	<=30	Pass
		8	0	21.41	-0.85	20.56	<=30	Pass
			4	21.43	-0.85	20.58	<=30	Pass
			7	21.38	-0.85	20.53	<=30	Pass
		15	0	21.34	-0.85	20.49	<=30	Pass
	1778.5	1	0	22.55	-0.85	21.70	<=30	Pass
			7	22.53	-0.85	21.68	<=30	Pass
			14	22.59	-0.85	21.74	<=30	Pass
		8	0	21.30	-0.85	20.45	<=30	Pass
			4	21.41	-0.85	20.56	<=30	Pass
			7	21.33	-0.85	20.48	<=30	Pass
		15	0	21.28	-0.85	20.43	<=30	Pass
64QAM	1711.5	1	0	22.63	-0.85	21.78	<=30	Pass
			7	22.58	-0.85	21.73	<=30	Pass
			14	22.52	-0.85	21.67	<=30	Pass
		8	0	21.48	-0.85	20.63	<=30	Pass
			4	21.54	-0.85	20.69	<=30	Pass
			7	21.47	-0.85	20.62	<=30	Pass
		15	0	21.49	-0.85	20.64	<=30	Pass
	1745	1	0	22.30	-0.85	21.45	<=30	Pass
			7	22.44	-0.85	21.59	<=30	Pass
			14	22.43	-0.85	21.58	<=30	Pass
		8	0	21.32	-0.85	20.47	<=30	Pass
			4	21.42	-0.85	20.57	<=30	Pass
			7	21.32	-0.85	20.47	<=30	Pass
		15	0	21.31	-0.85	20.46	<=30	Pass
	1778.5	1	0	22.31	-0.85	21.46	<=30	Pass
			7	22.33	-0.85	21.48	<=30	Pass
			14	22.28	-0.85	21.43	<=30	Pass
		8	0	21.29	-0.85	20.44	<=30	Pass
			4	21.35	-0.85	20.50	<=30	Pass
			7	21.22	-0.85	20.37	<=30	Pass
		15	0	21.28	-0.85	20.43	<=30	Pass
256QAM	1711.5	1	0	18.53	-0.85	17.68	<=30	Pass
			7	18.51	-0.85	17.66	<=30	Pass
			14	18.61	-0.85	17.76	<=30	Pass
		8	0	18.52	-0.85	17.67	<=30	Pass
			4	18.67	-0.85	17.82	<=30	Pass
			7	18.58	-0.85	17.73	<=30	Pass
		15	0	18.53	-0.85	17.68	<=30	Pass
	1745	1	0	18.40	-0.85	17.55	<=30	Pass
			7	18.47	-0.85	17.62	<=30	Pass
			14	18.50	-0.85	17.65	<=30	Pass
		8	0	18.38	-0.85	17.53	<=30	Pass

			4	18.34	-0.85	17.49	<=30	Pass
			7	18.32	-0.85	17.47	<=30	Pass
		15	0	18.48	-0.85	17.63	<=30	Pass
	1778.5	1	0	18.47	-0.85	17.62	<=30	Pass
			7	18.38	-0.85	17.53	<=30	Pass
			14	18.40	-0.85	17.55	<=30	Pass
		8	0	18.26	-0.85	17.41	<=30	Pass
			4	18.28	-0.85	17.43	<=30	Pass
			7	18.34	-0.85	17.49	<=30	Pass
		15	0	18.30	-0.85	17.45	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP (ANT13)

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	23.38	-0.85	22.53	<=30	Pass
			13	23.52	-0.85	22.67	<=30	Pass
			24	23.40	-0.85	22.55	<=30	Pass
		12	0	22.52	-0.85	21.67	<=30	Pass
			6	22.49	-0.85	21.64	<=30	Pass
			13	22.53	-0.85	21.68	<=30	Pass
		25	0	22.50	-0.85	21.65	<=30	Pass
	1745	1	0	23.33	-0.85	22.48	<=30	Pass
			13	23.33	-0.85	22.48	<=30	Pass
			24	23.35	-0.85	22.50	<=30	Pass
		12	0	22.38	-0.85	21.53	<=30	Pass
			6	22.38	-0.85	21.53	<=30	Pass
			13	22.39	-0.85	21.54	<=30	Pass
		25	0	22.33	-0.85	21.48	<=30	Pass
	1777.5	1	0	23.15	-0.85	22.30	<=30	Pass
			13	23.21	-0.85	22.36	<=30	Pass
			24	23.23	-0.85	22.38	<=30	Pass
		12	0	22.26	-0.85	21.41	<=30	Pass
			6	22.30	-0.85	21.45	<=30	Pass
			13	22.26	-0.85	21.41	<=30	Pass
		25	0	22.25	-0.85	21.40	<=30	Pass
16QAM	1712.5	1	0	22.78	-0.85	21.93	<=30	Pass
			13	23.02	-0.85	22.17	<=30	Pass
			24	22.70	-0.85	21.85	<=30	Pass
		12	0	21.48	-0.85	20.63	<=30	Pass
			6	21.68	-0.85	20.83	<=30	Pass
			13	21.61	-0.85	20.76	<=30	Pass
		25	0	21.49	-0.85	20.64	<=30	Pass
	1745	1	0	22.56	-0.85	21.71	<=30	Pass
			13	22.57	-0.85	21.72	<=30	Pass
			24	22.61	-0.85	21.76	<=30	Pass
		12	0	21.39	-0.85	20.54	<=30	Pass
			6	21.38	-0.85	20.53	<=30	Pass
			13	21.42	-0.85	20.57	<=30	Pass
		25	0	21.34	-0.85	20.49	<=30	Pass
	1777.5	1	0	22.54	-0.85	21.69	<=30	Pass
			13	22.63	-0.85	21.78	<=30	Pass
			24	22.73	-0.85	21.88	<=30	Pass
		12	0	21.33	-0.85	20.48	<=30	Pass
			6	21.35	-0.85	20.50	<=30	Pass

			13	21.26	-0.85	20.41	<=30	Pass		
		25	0	21.30	-0.85	20.45	<=30	Pass		
64QAM	1712.5	1	0	22.48	-0.85	21.63	<=30	Pass		
			13	22.68	-0.85	21.83	<=30	Pass		
			24	22.55	-0.85	21.70	<=30	Pass		
			0	21.57	-0.85	20.72	<=30	Pass		
		12	6	21.65	-0.85	20.80	<=30	Pass		
			13	21.51	-0.85	20.66	<=30	Pass		
			25	0	21.46	-0.85	20.61	<=30	Pass	
		1745	1	0	22.35	-0.85	21.50	<=30	Pass	
				13	22.47	-0.85	21.62	<=30	Pass	
	24			22.25	-0.85	21.40	<=30	Pass		
	0			21.33	-0.85	20.48	<=30	Pass		
	12		6	21.43	-0.85	20.58	<=30	Pass		
			13	21.41	-0.85	20.56	<=30	Pass		
			25	0	21.39	-0.85	20.54	<=30	Pass	
	1777.5		1	0	22.25	-0.85	21.40	<=30	Pass	
				13	22.53	-0.85	21.68	<=30	Pass	
		24		22.42	-0.85	21.57	<=30	Pass		
		0		21.26	-0.85	20.41	<=30	Pass		
		12	6	21.31	-0.85	20.46	<=30	Pass		
			13	21.29	-0.85	20.44	<=30	Pass		
			25	0	21.27	-0.85	20.42	<=30	Pass	
		256QAM	1712.5	1	0	18.64	-0.85	17.79	<=30	Pass
					13	18.62	-0.85	17.77	<=30	Pass
24	18.59				-0.85	17.74	<=30	Pass		
12	0			18.48	-0.85	17.63	<=30	Pass		
	6			18.60	-0.85	17.75	<=30	Pass		
	13			18.59	-0.85	17.74	<=30	Pass		
25	0			18.61	-0.85	17.76	<=30	Pass		
1745	1		0	18.52	-0.85	17.67	<=30	Pass		
			13	18.45	-0.85	17.60	<=30	Pass		
			24	18.50	-0.85	17.65	<=30	Pass		
	12		0	18.39	-0.85	17.54	<=30	Pass		
			6	18.41	-0.85	17.56	<=30	Pass		
			13	18.47	-0.85	17.62	<=30	Pass		
	25		0	18.41	-0.85	17.56	<=30	Pass		
1777.5	1		0	18.41	-0.85	17.56	<=30	Pass		
			13	18.38	-0.85	17.53	<=30	Pass		
			24	18.33	-0.85	17.48	<=30	Pass		
	12		0	18.23	-0.85	17.38	<=30	Pass		
			6	18.33	-0.85	17.48	<=30	Pass		
			13	18.27	-0.85	17.42	<=30	Pass		
	25		0	18.30	-0.85	17.45	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.4 B66_10MHz_EIRP (ANT13)

Band: 66 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.48	-0.85	22.63	<=30	Pass
			25	23.51	-0.85	22.66	<=30	Pass
			49	23.48	-0.85	22.63	<=30	Pass
		25	0	22.47	-0.85	21.62	<=30	Pass
			13	22.53	-0.85	21.68	<=30	Pass
			25	22.49	-0.85	21.64	<=30	Pass

		50	0	22.57	-0.85	21.72	<=30	Pass
	1745	1	0	23.30	-0.85	22.45	<=30	Pass
			25	23.33	-0.85	22.48	<=30	Pass
			49	23.25	-0.85	22.40	<=30	Pass
			0	22.32	-0.85	21.47	<=30	Pass
		25	13	22.41	-0.85	21.56	<=30	Pass
			25	22.43	-0.85	21.58	<=30	Pass
	50	0	22.35	-0.85	21.50	<=30	Pass	
	1775	1	0	23.17	-0.85	22.32	<=30	Pass
			25	23.26	-0.85	22.41	<=30	Pass
			49	23.25	-0.85	22.40	<=30	Pass
			0	22.16	-0.85	21.31	<=30	Pass
		25	13	22.31	-0.85	21.46	<=30	Pass
			25	22.31	-0.85	21.46	<=30	Pass
			50	0	22.14	-0.85	21.29	<=30
16QAM	1715	1	0	22.63	-0.85	21.78	<=30	Pass
			25	22.79	-0.85	21.94	<=30	Pass
			49	22.78	-0.85	21.93	<=30	Pass
		25	0	21.51	-0.85	20.66	<=30	Pass
			13	21.55	-0.85	20.70	<=30	Pass
			25	21.53	-0.85	20.68	<=30	Pass
		50	0	21.55	-0.85	20.70	<=30	Pass
		1745	1	0	22.53	-0.85	21.68	<=30
	25			22.65	-0.85	21.80	<=30	Pass
	49			22.44	-0.85	21.59	<=30	Pass
	25		0	21.37	-0.85	20.52	<=30	Pass
			13	21.40	-0.85	20.55	<=30	Pass
			25	21.35	-0.85	20.50	<=30	Pass
	50		0	21.44	-0.85	20.59	<=30	Pass
	1775	1	0	22.53	-0.85	21.68	<=30	Pass
			25	22.43	-0.85	21.58	<=30	Pass
			49	22.60	-0.85	21.75	<=30	Pass
		25	0	21.19	-0.85	20.34	<=30	Pass
			13	21.32	-0.85	20.47	<=30	Pass
			25	21.32	-0.85	20.47	<=30	Pass
		50	0	21.14	-0.85	20.29	<=30	Pass
64QAM	1715	1	0	22.58	-0.85	21.73	<=30	Pass
			25	22.49	-0.85	21.64	<=30	Pass
			49	22.55	-0.85	21.70	<=30	Pass
		25	0	21.50	-0.85	20.65	<=30	Pass
			13	21.52	-0.85	20.67	<=30	Pass
			25	21.54	-0.85	20.69	<=30	Pass
		50	0	21.50	-0.85	20.65	<=30	Pass
	1745	1	0	22.57	-0.85	21.72	<=30	Pass
			25	22.39	-0.85	21.54	<=30	Pass
			49	22.41	-0.85	21.56	<=30	Pass
		25	0	21.37	-0.85	20.52	<=30	Pass
			13	21.38	-0.85	20.53	<=30	Pass
			25	21.29	-0.85	20.44	<=30	Pass
		50	0	21.35	-0.85	20.50	<=30	Pass
	1775	1	0	22.36	-0.85	21.51	<=30	Pass
			25	22.67	-0.85	21.82	<=30	Pass
			49	22.31	-0.85	21.46	<=30	Pass
		25	0	21.20	-0.85	20.35	<=30	Pass
			13	21.30	-0.85	20.45	<=30	Pass
			25	21.33	-0.85	20.48	<=30	Pass
		50	0	21.23	-0.85	20.38	<=30	Pass
256QAM	1715	1	0	18.73	-0.85	17.88	<=30	Pass
			25	18.70	-0.85	17.85	<=30	Pass

			49	18.59	-0.85	17.74	<=30	Pass
		25	0	18.55	-0.85	17.70	<=30	Pass
			13	18.54	-0.85	17.69	<=30	Pass
			25	18.56	-0.85	17.71	<=30	Pass
		50	0	18.55	-0.85	17.70	<=30	Pass
	1745	1	0	18.46	-0.85	17.61	<=30	Pass
			25	18.54	-0.85	17.69	<=30	Pass
			49	18.42	-0.85	17.57	<=30	Pass
		25	0	18.41	-0.85	17.56	<=30	Pass
			13	18.44	-0.85	17.59	<=30	Pass
			25	18.37	-0.85	17.52	<=30	Pass
		50	0	18.39	-0.85	17.54	<=30	Pass
	1775	1	0	18.51	-0.85	17.66	<=30	Pass
			25	18.44	-0.85	17.59	<=30	Pass
			49	19.00	-0.85	18.15	<=30	Pass
		25	0	18.12	-0.85	17.27	<=30	Pass
			13	18.39	-0.85	17.54	<=30	Pass
			25	18.37	-0.85	17.52	<=30	Pass
		50	0	18.24	-0.85	17.39	<=30	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

1.1.5 B66_15MHz_EIRP (ANT13)

Band: 66 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.35	-0.85	22.50	<=30	Pass
			38	23.28	-0.85	22.43	<=30	Pass
			74	23.35	-0.85	22.50	<=30	Pass
		36	0	22.37	-0.85	21.52	<=30	Pass
			18	22.39	-0.85	21.54	<=30	Pass
			39	22.33	-0.85	21.48	<=30	Pass
		75	0	22.37	-0.85	21.52	<=30	Pass
	1745	1	0	23.18	-0.85	22.33	<=30	Pass
			38	23.07	-0.85	22.22	<=30	Pass
			74	23.27	-0.85	22.42	<=30	Pass
		36	0	22.24	-0.85	21.39	<=30	Pass
			18	22.31	-0.85	21.46	<=30	Pass
			39	22.24	-0.85	21.39	<=30	Pass
		75	0	22.26	-0.85	21.41	<=30	Pass
	1772.5	1	0	23.07	-0.85	22.22	<=30	Pass
			38	23.10	-0.85	22.25	<=30	Pass
			74	23.12	-0.85	22.27	<=30	Pass
		36	0	22.06	-0.85	21.21	<=30	Pass
			18	22.02	-0.85	21.17	<=30	Pass
			39	22.22	-0.85	21.37	<=30	Pass
		75	0	22.06	-0.85	21.21	<=30	Pass
16QAM	1717.5	1	0	22.61	-0.85	21.76	<=30	Pass
			38	22.50	-0.85	21.65	<=30	Pass
			74	22.59	-0.85	21.74	<=30	Pass
		36	0	21.43	-0.85	20.58	<=30	Pass
			18	21.37	-0.85	20.52	<=30	Pass
			39	21.35	-0.85	20.50	<=30	Pass
		75	0	21.25	-0.85	20.40	<=30	Pass
	1745	1	0	22.25	-0.85	21.40	<=30	Pass
			38	22.50	-0.85	21.65	<=30	Pass
			74	22.54	-0.85	21.69	<=30	Pass

		36	0	21.34	-0.85	20.49	<=30	Pass
			18	21.30	-0.85	20.45	<=30	Pass
			39	21.33	-0.85	20.48	<=30	Pass
		75	0	21.25	-0.85	20.40	<=30	Pass
	1772.5	1	0	22.29	-0.85	21.44	<=30	Pass
			38	22.38	-0.85	21.53	<=30	Pass
			74	22.35	-0.85	21.50	<=30	Pass
		36	0	21.11	-0.85	20.26	<=30	Pass
			18	21.11	-0.85	20.26	<=30	Pass
			39	21.24	-0.85	20.39	<=30	Pass
		75	0	21.18	-0.85	20.33	<=30	Pass
64QAM		1717.5	1	0	22.39	-0.85	21.54	<=30
	38			22.29	-0.85	21.44	<=30	Pass
	74			22.40	-0.85	21.55	<=30	Pass
	36		0	21.41	-0.85	20.56	<=30	Pass
			18	21.38	-0.85	20.53	<=30	Pass
			39	21.38	-0.85	20.53	<=30	Pass
	75		0	21.24	-0.85	20.39	<=30	Pass
	1745	1	0	22.41	-0.85	21.56	<=30	Pass
			38	22.12	-0.85	21.27	<=30	Pass
			74	22.29	-0.85	21.44	<=30	Pass
		36	0	21.20	-0.85	20.35	<=30	Pass
			18	21.27	-0.85	20.42	<=30	Pass
			39	21.32	-0.85	20.47	<=30	Pass
		75	0	21.26	-0.85	20.41	<=30	Pass
	1772.5	1	0	22.02	-0.85	21.17	<=30	Pass
			38	22.31	-0.85	21.46	<=30	Pass
			74	22.27	-0.85	21.42	<=30	Pass
		36	0	21.13	-0.85	20.28	<=30	Pass
			18	21.09	-0.85	20.24	<=30	Pass
			39	21.23	-0.85	20.38	<=30	Pass
		75	0	21.15	-0.85	20.30	<=30	Pass
256QAM	1717.5	1	0	18.46	-0.85	17.61	<=30	Pass
			38	18.08	-0.85	17.23	<=30	Pass
			74	18.66	-0.85	17.81	<=30	Pass
		36	0	18.43	-0.85	17.58	<=30	Pass
			18	18.33	-0.85	17.48	<=30	Pass
			39	18.39	-0.85	17.54	<=30	Pass
		75	0	18.37	-0.85	17.52	<=30	Pass
	1745	1	0	18.20	-0.85	17.35	<=30	Pass
			38	17.78	-0.85	16.93	<=30	Pass
			74	18.35	-0.85	17.50	<=30	Pass
		36	0	18.29	-0.85	17.44	<=30	Pass
			18	18.25	-0.85	17.40	<=30	Pass
			39	18.28	-0.85	17.43	<=30	Pass
		75	0	18.25	-0.85	17.40	<=30	Pass
	1772.5	1	0	18.18	-0.85	17.33	<=30	Pass
			38	18.19	-0.85	17.34	<=30	Pass
			74	19.13	-0.85	18.28	<=30	Pass
		36	0	18.07	-0.85	17.22	<=30	Pass
			18	18.04	-0.85	17.19	<=30	Pass
			39	18.21	-0.85	17.36	<=30	Pass
		75	0	18.23	-0.85	17.38	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B66_20MHz_EIRP (ANT13)

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	23.37	-0.85	22.52	<=30	Pass		
			50	23.25	-0.85	22.40	<=30	Pass		
			99	23.34	-0.85	22.49	<=30	Pass		
		50	0	22.30	-0.85	21.45	<=30	Pass		
			25	22.32	-0.85	21.47	<=30	Pass		
			50	22.19	-0.85	21.34	<=30	Pass		
		100	0	22.21	-0.85	21.36	<=30	Pass		
		1745	1	0	23.25	-0.85	22.40	<=30	Pass	
				50	23.13	-0.85	22.28	<=30	Pass	
	99			23.23	-0.85	22.38	<=30	Pass		
	50		0	22.29	-0.85	21.44	<=30	Pass		
			25	22.25	-0.85	21.40	<=30	Pass		
			50	22.29	-0.85	21.44	<=30	Pass		
	100		0	22.22	-0.85	21.37	<=30	Pass		
	1770		1	0	23.03	-0.85	22.18	<=30	Pass	
				50	23.04	-0.85	22.19	<=30	Pass	
		99		23.11	-0.85	22.26	<=30	Pass		
		50	0	22.14	-0.85	21.29	<=30	Pass		
			25	22.16	-0.85	21.31	<=30	Pass		
			50	22.24	-0.85	21.39	<=30	Pass		
		100	0	22.06	-0.85	21.21	<=30	Pass		
		16QAM	1720	1	0	22.44	-0.85	21.59	<=30	Pass
					50	22.61	-0.85	21.76	<=30	Pass
	99				22.68	-0.85	21.83	<=30	Pass	
50	0			21.36	-0.85	20.51	<=30	Pass		
	25			21.35	-0.85	20.50	<=30	Pass		
	50			21.27	-0.85	20.42	<=30	Pass		
100	0			21.22	-0.85	20.37	<=30	Pass		
1745	1			0	22.51	-0.85	21.66	<=30	Pass	
				50	22.35	-0.85	21.50	<=30	Pass	
			99	22.63	-0.85	21.78	<=30	Pass		
	50		0	21.26	-0.85	20.41	<=30	Pass		
			25	21.23	-0.85	20.38	<=30	Pass		
			50	21.31	-0.85	20.46	<=30	Pass		
	100		0	21.33	-0.85	20.48	<=30	Pass		
	1770		1	0	22.31	-0.85	21.46	<=30	Pass	
				50	22.56	-0.85	21.71	<=30	Pass	
99				22.37	-0.85	21.52	<=30	Pass		
50			0	21.10	-0.85	20.25	<=30	Pass		
			25	21.14	-0.85	20.29	<=30	Pass		
			50	21.25	-0.85	20.40	<=30	Pass		
100			0	21.16	-0.85	20.31	<=30	Pass		
64QAM			1720	1	0	22.46	-0.85	21.61	<=30	Pass
					50	22.56	-0.85	21.71	<=30	Pass
	99				22.40	-0.85	21.55	<=30	Pass	
	50	0		21.35	-0.85	20.50	<=30	Pass		
		25		21.28	-0.85	20.43	<=30	Pass		
		50		21.25	-0.85	20.40	<=30	Pass		
	100	0	21.31	-0.85	20.46	<=30	Pass			
	1745	1	0	22.28	-0.85	21.43	<=30	Pass		
			50	22.15	-0.85	21.30	<=30	Pass		
			99	22.50	-0.85	21.65	<=30	Pass		
		50	0	21.24	-0.85	20.39	<=30	Pass		
			25	21.20	-0.85	20.35	<=30	Pass		
			50	21.30	-0.85	20.45	<=30	Pass		
		100	0	21.24	-0.85	20.39	<=30	Pass		

	1770	1	0	22.26	-0.85	21.41	<=30	Pass		
			50	22.16	-0.85	21.31	<=30	Pass		
			99	22.27	-0.85	21.42	<=30	Pass		
		50	0	21.10	-0.85	20.25	<=30	Pass		
			25	21.14	-0.85	20.29	<=30	Pass		
			50	21.23	-0.85	20.38	<=30	Pass		
		100	0	21.06	-0.85	20.21	<=30	Pass		
		256QAM	1720	1	0	18.51	-0.85	17.66	<=30	Pass
					50	18.12	-0.85	17.27	<=30	Pass
99	19.82				-0.85	18.97	<=30	Pass		
50	0			17.83	-0.85	16.98	<=30	Pass		
	25			18.29	-0.85	17.44	<=30	Pass		
	50			18.32	-0.85	17.47	<=30	Pass		
100	0			18.36	-0.85	17.51	<=30	Pass		
1745	1			0	18.27	-0.85	17.42	<=30	Pass	
				50	18.18	-0.85	17.33	<=30	Pass	
			99	18.99	-0.85	18.14	<=30	Pass		
	50		0	18.11	-0.85	17.26	<=30	Pass		
			25	18.31	-0.85	17.46	<=30	Pass		
			50	18.27	-0.85	17.42	<=30	Pass		
	100		0	18.29	-0.85	17.44	<=30	Pass		
	1770		1	0	18.14	-0.85	17.29	<=30	Pass	
				50	16.85	-0.85	16.00	<=30	Pass	
99				19.33	-0.85	18.48	<=30	Pass		
50			0	17.76	-0.85	16.91	<=30	Pass		
			25	18.29	-0.85	17.44	<=30	Pass		
			50	18.22	-0.85	17.37	<=30	Pass		
100			0	18.22	-0.85	17.37	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 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	3.7	0.400	0.0002	/	Pass
					3.91	1.000	0.0006	/	Pass
					4.4	0.700	0.0004	/	Pass
				-30	3.91	-0.800	-0.0005	/	Pass
				-20	3.91	-0.200	-0.0001	/	Pass
				-10	3.91	-0.400	-0.0002	/	Pass
				0	3.91	-0.700	-0.0004	/	Pass
				10	3.91	0.700	0.0004	/	Pass
				30	3.91	1.000	0.0006	/	Pass
				40	3.91	0.300	0.0002	/	Pass
				50	3.91	-0.200	-0.0001	/	Pass
	1745	100	0	20	3.7	-1.000	-0.0006	/	Pass
					3.91	0.500	0.0003	/	Pass
					4.4	0.600	0.0003	/	Pass
				-30	3.91	-0.600	-0.0003	/	Pass
				-20	3.91	-0.500	-0.0003	/	Pass
				-10	3.91	0.200	0.0001	/	Pass

				0	3.91	-0.500	-0.0003	/	Pass
				10	3.91	-1.600	-0.0009	/	Pass
				30	3.91	1.700	0.0010	/	Pass
				40	3.91	-0.900	-0.0005	/	Pass
				50	3.91	-0.200	-0.0001	/	Pass
	1770	100	0	20	3.7	-2.200	-0.0012	/	Pass
					3.91	-1.700	-0.0010	/	Pass
					4.4	-0.900	-0.0005	/	Pass
				-30	3.91	-1.400	-0.0008	/	Pass
				-20	3.91	-0.200	-0.0001	/	Pass
				-10	3.91	-0.800	-0.0005	/	Pass
				0	3.91	-2.400	-0.0014	/	Pass
				10	3.91	-3.400	-0.0019	/	Pass
				30	3.91	-1.500	-0.0008	/	Pass
				40	3.91	-1.100	-0.0006	/	Pass
				50	3.91	-1.300	-0.0007	/	Pass
16QAM	1720	100	0	20	3.7	-0.100	-0.0001	/	Pass
					3.91	1.200	0.0007	/	Pass
					4.4	-0.100	-0.0001	/	Pass
				-30	3.91	-0.400	-0.0002	/	Pass
				-20	3.91	-1.700	-0.0010	/	Pass
				-10	3.91	1.200	0.0007	/	Pass
				0	3.91	0.800	0.0005	/	Pass
				10	3.91	1.000	0.0006	/	Pass
				30	3.91	0.900	0.0005	/	Pass
				40	3.91	1.000	0.0006	/	Pass
				50	3.91	0.000	0.0000	/	Pass
	1745	100	0	20	3.7	-1.500	-0.0009	/	Pass
					3.91	0.200	0.0001	/	Pass
					4.4	-0.200	-0.0001	/	Pass
				-30	3.91	0.000	0.0000	/	Pass
				-20	3.91	0.400	0.0002	/	Pass
				-10	3.91	1.400	0.0008	/	Pass
				0	3.91	0.400	0.0002	/	Pass
				10	3.91	-1.200	-0.0007	/	Pass
				30	3.91	-0.600	-0.0003	/	Pass
				40	3.91	-0.700	-0.0004	/	Pass
				50	3.91	-0.800	-0.0005	/	Pass
	1770	100	0	20	3.7	1.000	0.0006	/	Pass
					3.91	-0.900	-0.0005	/	Pass
					4.4	-2.000	-0.0011	/	Pass
				-30	3.91	0.500	0.0003	/	Pass
				-20	3.91	-2.000	-0.0011	/	Pass
				-10	3.91	-1.100	-0.0006	/	Pass
				0	3.91	-0.500	-0.0003	/	Pass
				10	3.91	-2.200	-0.0012	/	Pass
				30	3.91	-1.300	-0.0007	/	Pass
				40	3.91	-1.800	-0.0010	/	Pass
				50	3.91	-1.900	-0.0011	/	Pass
64QAM	1720	100	0	20	3.7	17.200	0.0100	/	Pass
					3.91	6.800	0.0040	/	Pass
					4.4	11.000	0.0064	/	Pass
				-30	3.91	5.500	0.0032	/	Pass
				-20	3.91	3.000	0.0017	/	Pass
				-10	3.91	5.400	0.0031	/	Pass
				0	3.91	-18.600	-0.0108	/	Pass
				10	3.91	-4.400	-0.0026	/	Pass
				30	3.91	-13.400	-0.0078	/	Pass
				40	3.91	9.100	0.0053	/	Pass

	1745	100	0	50	3.91	-17.300	-0.0101	/	Pass
				20	3.7	-3.000	-0.0017	/	Pass
					3.91	-4.400	-0.0025	/	Pass
					4.4	5.400	0.0031	/	Pass
				-30	3.91	5.900	0.0034	/	Pass
				-20	3.91	-8.900	-0.0051	/	Pass
				-10	3.91	-4.300	-0.0025	/	Pass
				0	3.91	17.600	0.0101	/	Pass
				10	3.91	9.800	0.0056	/	Pass
				30	3.91	-21.700	-0.0124	/	Pass
	1770	100	0	40	3.91	2.500	0.0014	/	Pass
				50	3.91	-5.500	-0.0032	/	Pass
				20	3.7	5.300	0.0030	/	Pass
					3.91	-16.600	-0.0094	/	Pass
					4.4	-14.200	-0.0080	/	Pass
				-30	3.91	14.600	0.0082	/	Pass
				-20	3.91	-7.700	-0.0044	/	Pass
				-10	3.91	5.000	0.0028	/	Pass
				0	3.91	-7.300	-0.0041	/	Pass
				10	3.91	-3.100	-0.0018	/	Pass
256QAM	1720	100	0	30	3.91	-3.200	-0.0018	/	Pass
				40	3.91	-7.800	-0.0044	/	Pass
				50	3.91	-8.000	-0.0045	/	Pass
				20	3.7	0.900	0.0005	/	Pass
					3.91	-1.200	-0.0007	/	Pass
					4.4	-0.300	-0.0002	/	Pass
				-30	3.91	-0.900	-0.0005	/	Pass
				-20	3.91	0.700	0.0004	/	Pass
				-10	3.91	-0.100	-0.0001	/	Pass
				0	3.91	1.000	0.0006	/	Pass
	1745	100	0	10	3.91	-1.800	-0.0010	/	Pass
				30	3.91	0.200	0.0001	/	Pass
				40	3.91	-1.700	-0.0010	/	Pass
				50	3.91	0.600	0.0003	/	Pass
				20	3.7	0.100	0.0001	/	Pass
					3.91	-0.600	-0.0003	/	Pass
					4.4	0.500	0.0003	/	Pass
				-30	3.91	0.500	0.0003	/	Pass
				-20	3.91	-0.400	-0.0002	/	Pass
				-10	3.91	0.500	0.0003	/	Pass
	1770	100	0	0	3.91	1.000	0.0006	/	Pass
				10	3.91	-1.700	-0.0010	/	Pass
				30	3.91	-2.600	-0.0015	/	Pass
				40	3.91	-0.400	-0.0002	/	Pass
				50	3.91	-1.700	-0.0010	/	Pass
				20	3.7	-2.600	-0.0015	/	Pass
					3.91	-1.300	-0.0007	/	Pass
					4.4	-1.100	-0.0006	/	Pass
				-30	3.91	-1.000	-0.0006	/	Pass
				-20	3.91	0.500	0.0003	/	Pass
				-10	3.91	-1.400	-0.0008	/	Pass
				0	3.91	-0.200	-0.0001	/	Pass
				10	3.91	-2.100	-0.0012	/	Pass
				30	3.91	-2.200	-0.0012	/	Pass
				40	3.91	-0.500	-0.0003	/	Pass
				50	3.91	-1.100	-0.0006	/	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	1.125	/	Pass
		1745	6	0	1.129	/	Pass
		1779.3	6	0	1.120	/	Pass
	16QAM	1710.7	6	0	1.121	/	Pass
		1745	6	0	1.139	/	Pass
		1779.3	6	0	1.129	/	Pass
	64QAM	1710.7	6	0	1.128	/	Pass
		1745	6	0	1.123	/	Pass
		1779.3	6	0	1.127	/	Pass
	256QAM	1710.7	6	0	1.121	/	Pass
		1745	6	0	1.119	/	Pass
		1779.3	6	0	1.124	/	Pass
3	QPSK	1711.5	15	0	2.732	/	Pass
		1745	15	0	2.742	/	Pass
		1778.5	15	0	2.733	/	Pass
	16QAM	1711.5	15	0	2.748	/	Pass
		1745	15	0	2.749	/	Pass
		1778.5	15	0	2.745	/	Pass
	64QAM	1711.5	15	0	2.748	/	Pass
		1745	15	0	2.757	/	Pass
		1778.5	15	0	2.733	/	Pass
	256QAM	1711.5	15	0	2.731	/	Pass
		1745	15	0	2.729	/	Pass
		1778.5	15	0	2.740	/	Pass
5	QPSK	1712.5	25	0	4.564	/	Pass
		1745	25	0	4.549	/	Pass
		1777.5	25	0	4.545	/	Pass
	16QAM	1712.5	25	0	4.562	/	Pass
		1745	25	0	4.554	/	Pass
		1777.5	25	0	4.571	/	Pass
	64QAM	1712.5	25	0	4.543	/	Pass
		1745	25	0	4.561	/	Pass
		1777.5	25	0	4.549	/	Pass
	256QAM	1712.5	25	0	4.552	/	Pass
		1745	25	0	4.543	/	Pass
		1777.5	25	0	4.578	/	Pass
10	QPSK	1715	50	0	9.114	/	Pass
		1745	50	0	9.106	/	Pass
		1775	50	0	9.129	/	Pass
	16QAM	1715	50	0	9.092	/	Pass
		1745	50	0	9.097	/	Pass
		1775	50	0	9.075	/	Pass
	64QAM	1715	50	0	9.121	/	Pass
		1745	50	0	9.065	/	Pass
		1775	50	0	9.105	/	Pass
	256QAM	1715	50	0	9.097	/	Pass
		1745	50	0	9.093	/	Pass
		1775	50	0	9.085	/	Pass
15	QPSK	1717.5	75	0	13.635	/	Pass

		1745	75	0	13.624	/	Pass
		1772.5	75	0	13.642	/	Pass
		1717.5	75	0	13.685	/	Pass
	16QAM	1745	75	0	13.631	/	Pass
		1772.5	75	0	13.638	/	Pass
		1717.5	75	0	13.654	/	Pass
	64QAM	1745	75	0	13.633	/	Pass
		1772.5	75	0	13.655	/	Pass
		1717.5	75	0	13.625	/	Pass
	256QAM	1745	75	0	13.634	/	Pass
		1772.5	75	0	13.656	/	Pass
		1717.5	75	0	13.625	/	Pass
20	QPSK	1720	100	0	18.207	/	Pass
		1745	100	0	18.187	/	Pass
		1770	100	0	18.204	/	Pass
	16QAM	1720	100	0	18.247	/	Pass
		1745	100	0	18.191	/	Pass
		1770	100	0	18.224	/	Pass
	64QAM	1720	100	0	18.207	/	Pass
		1745	100	0	18.134	/	Pass
		1770	100	0	18.213	/	Pass
	256QAM	1720	100	0	18.205	/	Pass
		1745	100	0	18.193	/	Pass
		1770	100	0	18.279	/	Pass

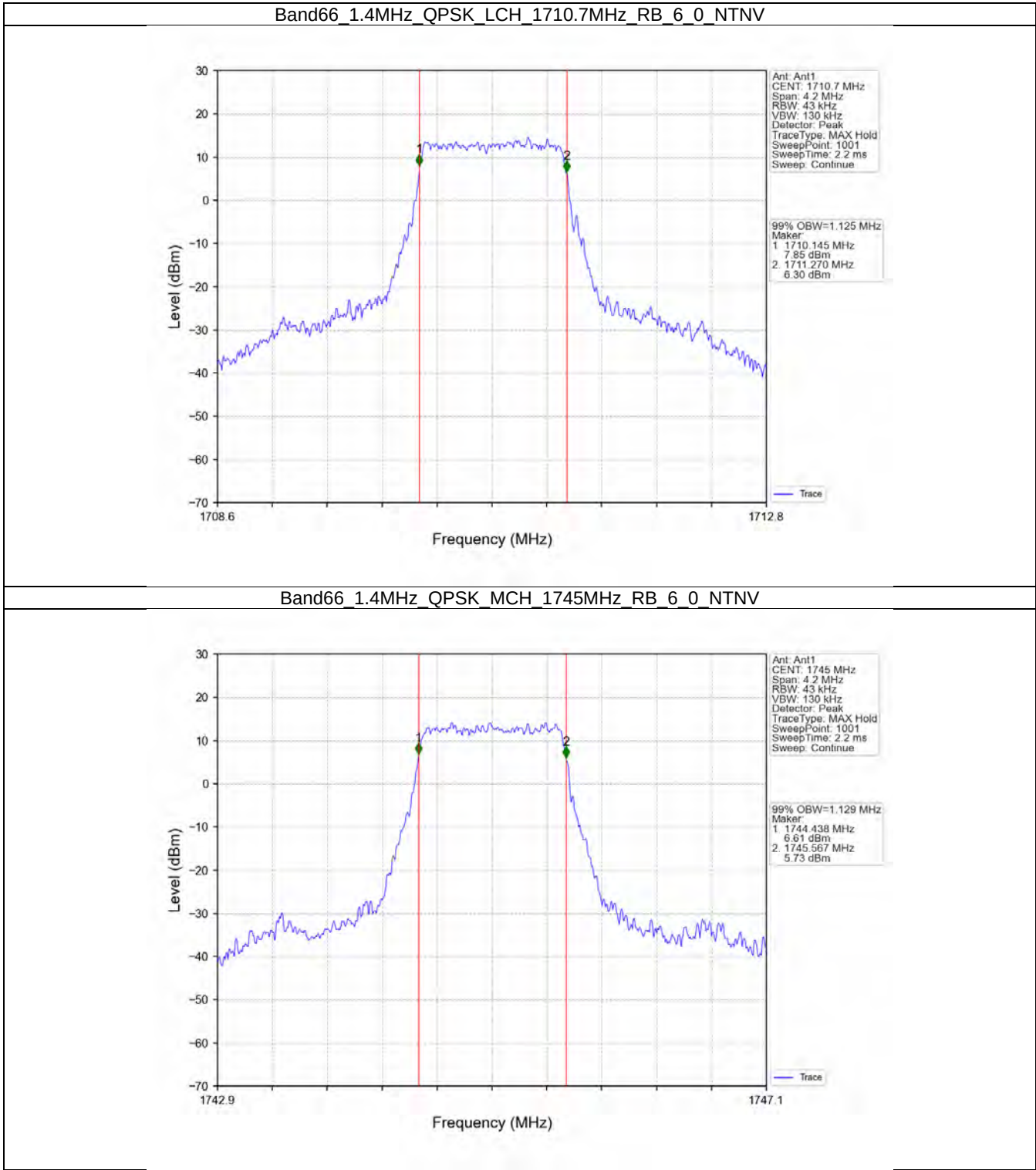
3.1.2 Band66_XDB

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	1.397	/	Pass
		1745	6	0	1.393	/	Pass
		1779.3	6	0	1.406	/	Pass
	16QAM	1710.7	6	0	1.408	/	Pass
		1745	6	0	1.412	/	Pass
		1779.3	6	0	1.384	/	Pass
	64QAM	1710.7	6	0	1.411	/	Pass
		1745	6	0	1.372	/	Pass
		1779.3	6	0	1.408	/	Pass
	256QAM	1710.7	6	0	1.340	/	Pass
		1745	6	0	1.396	/	Pass
		1779.3	6	0	1.383	/	Pass
3	QPSK	1711.5	15	0	3.125	/	Pass
		1745	15	0	3.143	/	Pass
		1778.5	15	0	3.129	/	Pass
	16QAM	1711.5	15	0	3.105	/	Pass
		1745	15	0	3.080	/	Pass
		1778.5	15	0	3.098	/	Pass
	64QAM	1711.5	15	0	3.126	/	Pass
		1745	15	0	3.143	/	Pass
		1778.5	15	0	3.110	/	Pass
	256QAM	1711.5	15	0	3.139	/	Pass
		1745	15	0	3.176	/	Pass
		1778.5	15	0	3.100	/	Pass
5	QPSK	1712.5	25	0	5.239	/	Pass
		1745	25	0	5.275	/	Pass
		1777.5	25	0	5.148	/	Pass
	16QAM	1712.5	25	0	5.161	/	Pass

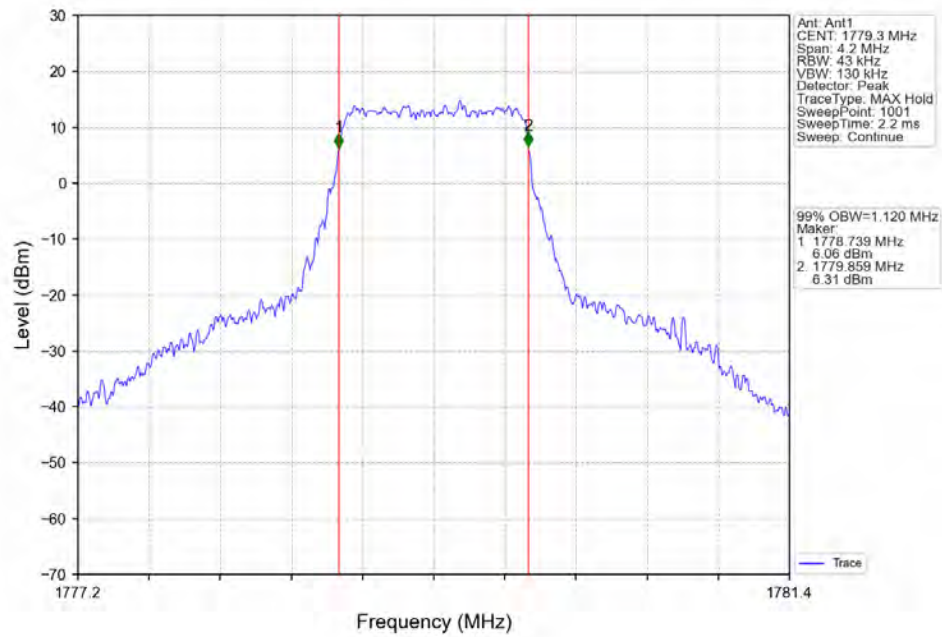
		1745	25	0	5.287	/	Pass
		1777.5	25	0	5.223	/	Pass
	64QAM	1712.5	25	0	5.283	/	Pass
		1745	25	0	5.207	/	Pass
		1777.5	25	0	5.140	/	Pass
	256QAM	1712.5	25	0	5.225	/	Pass
		1745	25	0	5.249	/	Pass
		1777.5	25	0	5.219	/	Pass
10	QPSK	1715	50	0	10.221	/	Pass
		1745	50	0	10.259	/	Pass
		1775	50	0	10.279	/	Pass
	16QAM	1715	50	0	10.193	/	Pass
		1745	50	0	10.126	/	Pass
		1775	50	0	10.256	/	Pass
	64QAM	1715	50	0	10.123	/	Pass
		1745	50	0	10.233	/	Pass
		1775	50	0	10.105	/	Pass
	256QAM	1715	50	0	10.260	/	Pass
		1745	50	0	10.359	/	Pass
		1775	50	0	10.110	/	Pass
15	QPSK	1717.5	75	0	15.166	/	Pass
		1745	75	0	15.355	/	Pass
		1772.5	75	0	15.166	/	Pass
	16QAM	1717.5	75	0	15.406	/	Pass
		1745	75	0	15.113	/	Pass
		1772.5	75	0	15.181	/	Pass
	64QAM	1717.5	75	0	15.148	/	Pass
		1745	75	0	15.197	/	Pass
		1772.5	75	0	15.107	/	Pass
	256QAM	1717.5	75	0	15.256	/	Pass
		1745	75	0	15.255	/	Pass
		1772.5	75	0	15.093	/	Pass
20	QPSK	1720	100	0	20.185	/	Pass
		1745	100	0	20.256	/	Pass
		1770	100	0	20.232	/	Pass
	16QAM	1720	100	0	20.198	/	Pass
		1745	100	0	20.135	/	Pass
		1770	100	0	20.134	/	Pass
	64QAM	1720	100	0	20.273	/	Pass
		1745	100	0	20.135	/	Pass
		1770	100	0	20.266	/	Pass
	256QAM	1720	100	0	20.136	/	Pass
		1745	100	0	20.258	/	Pass
		1770	100	0	20.187	/	Pass

3.2 Test Graph

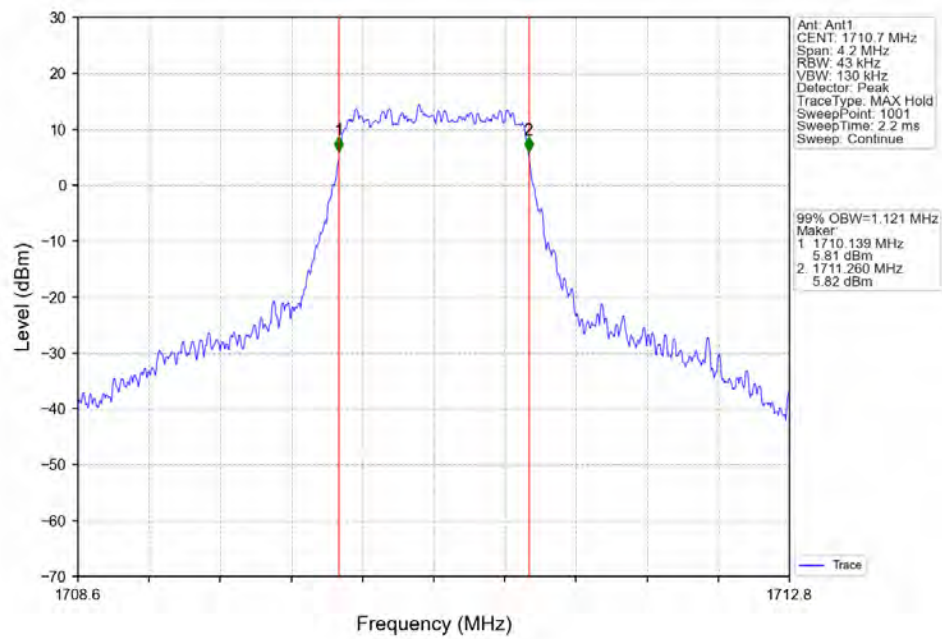
3.2.1 Band66_OBW



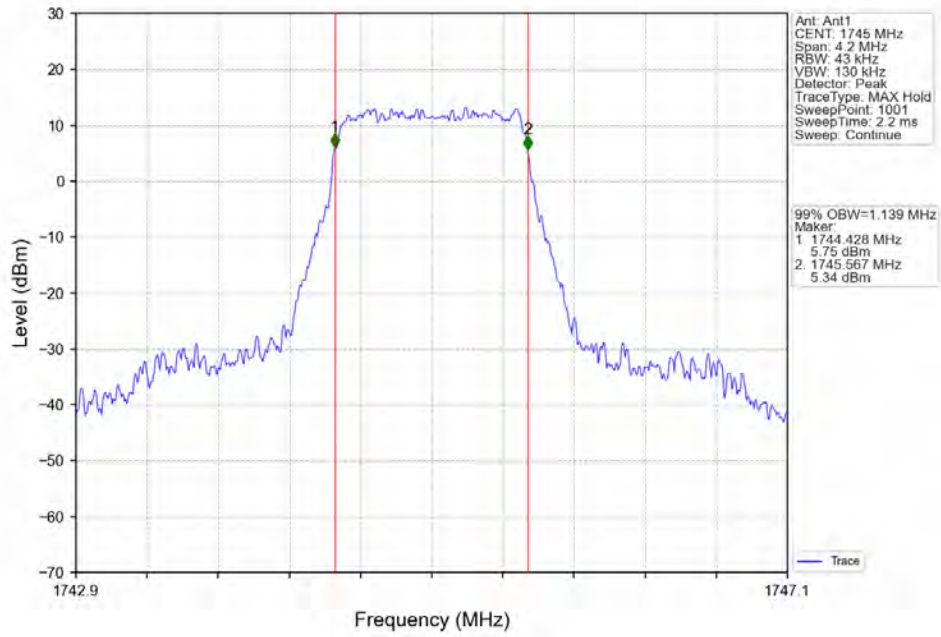
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



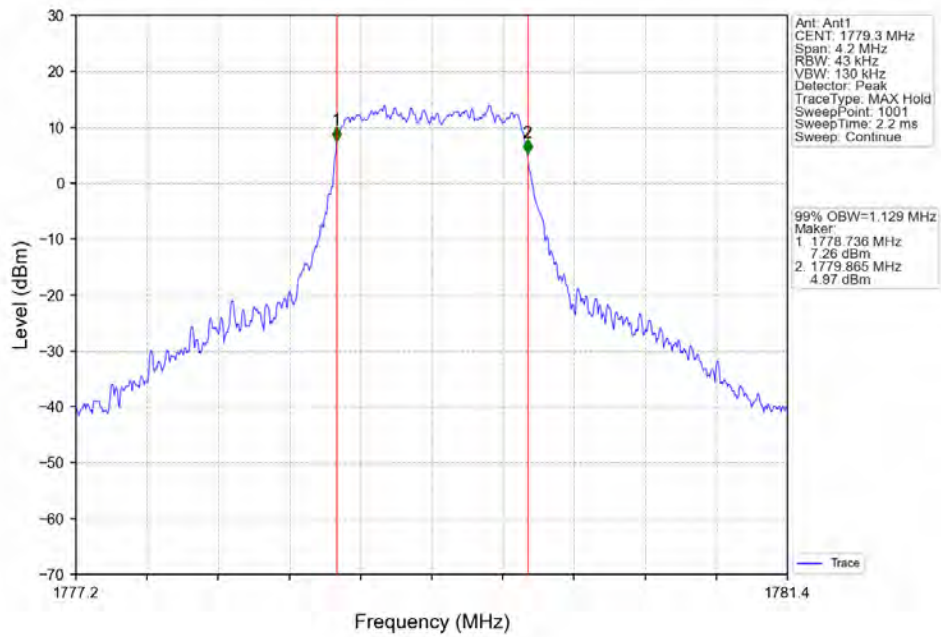
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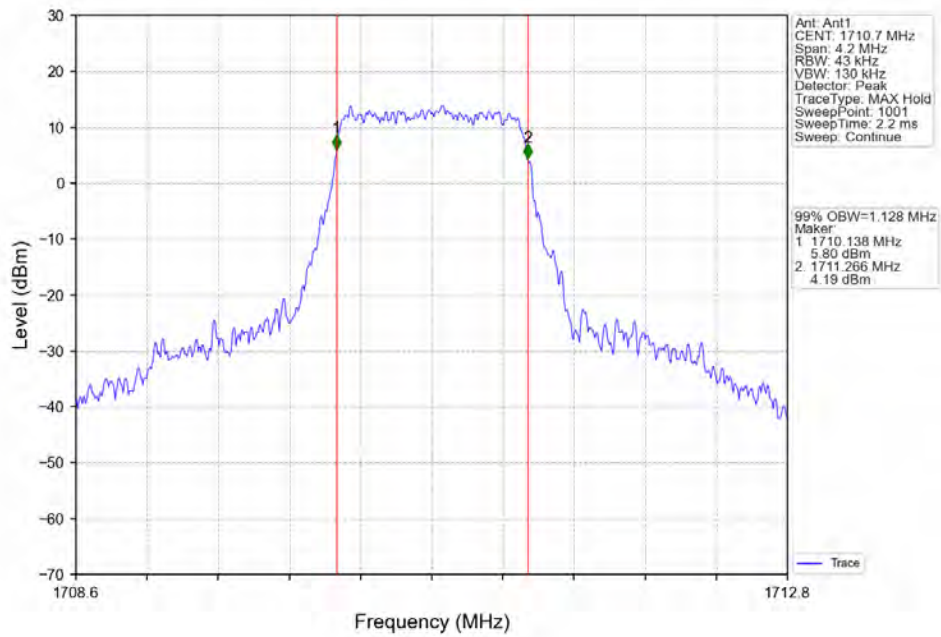
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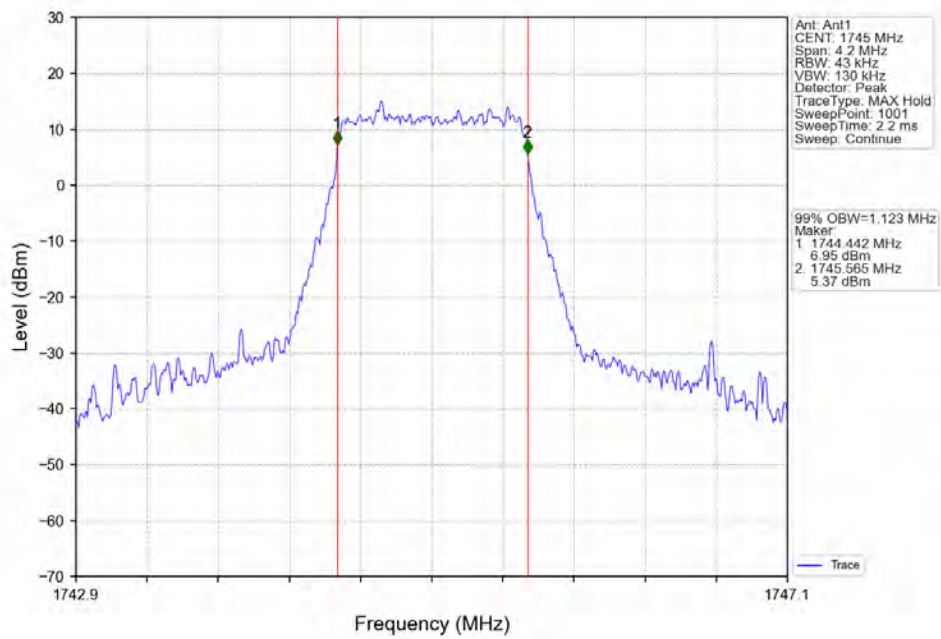
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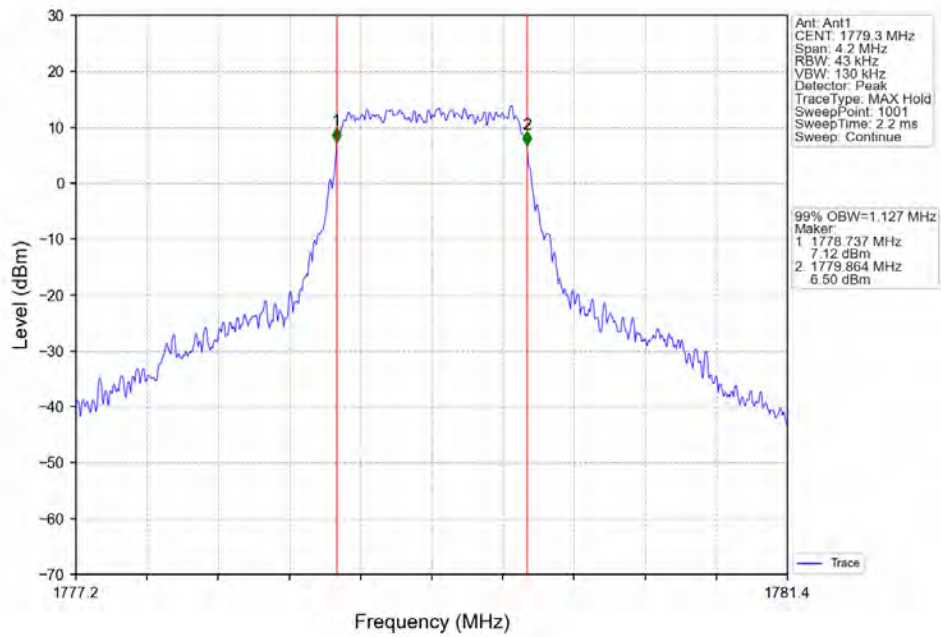
Band66 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



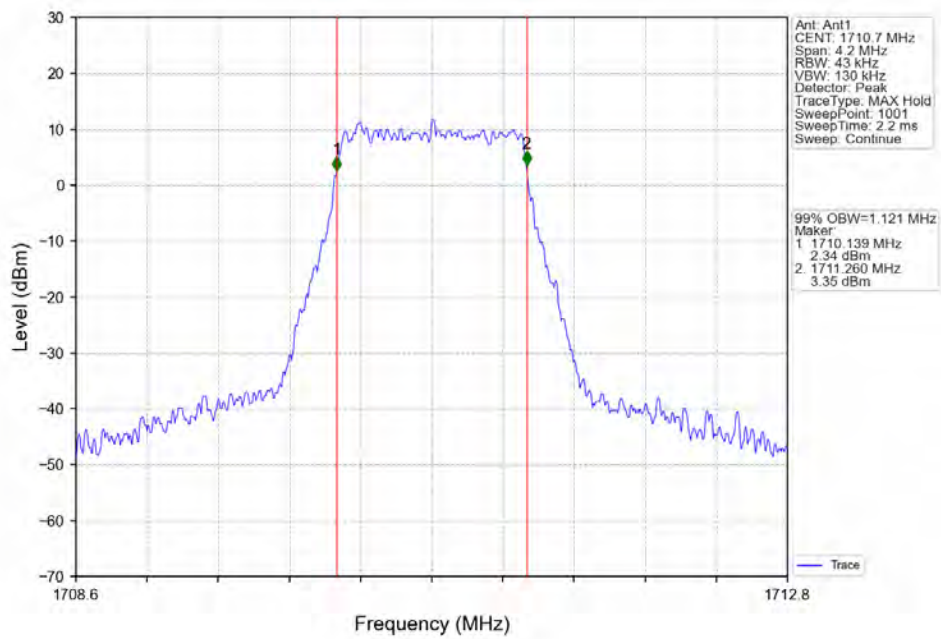
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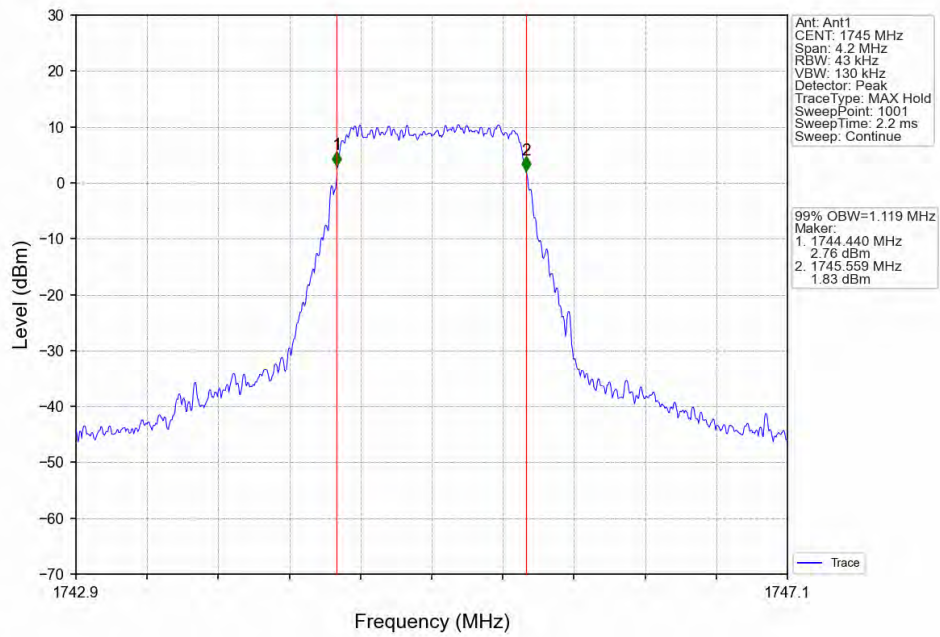
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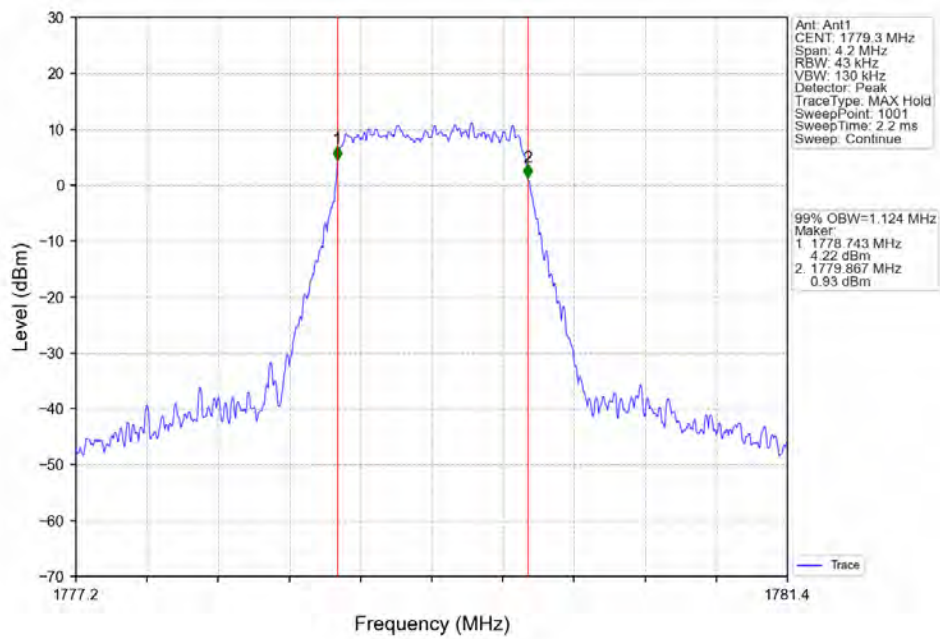
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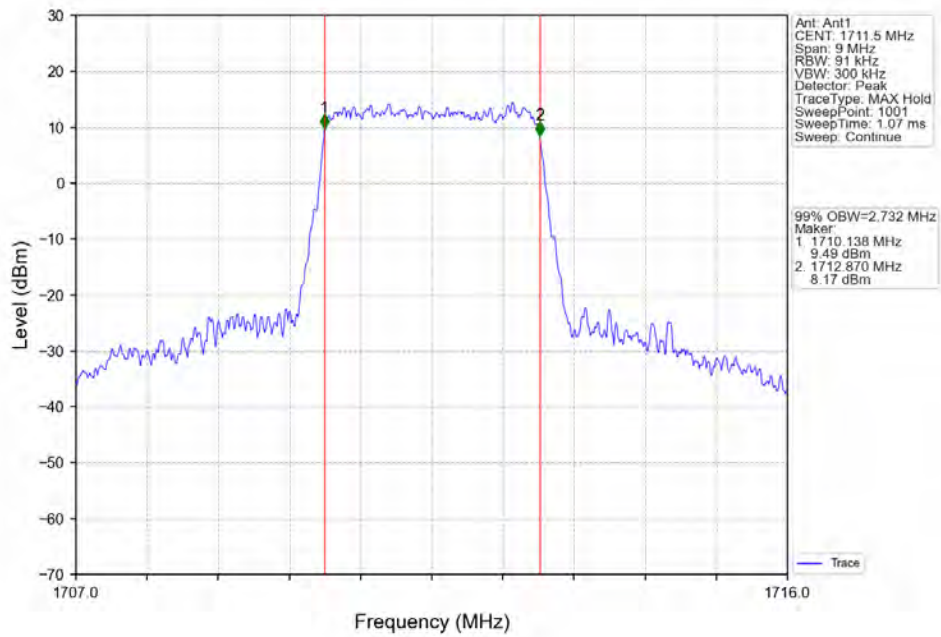
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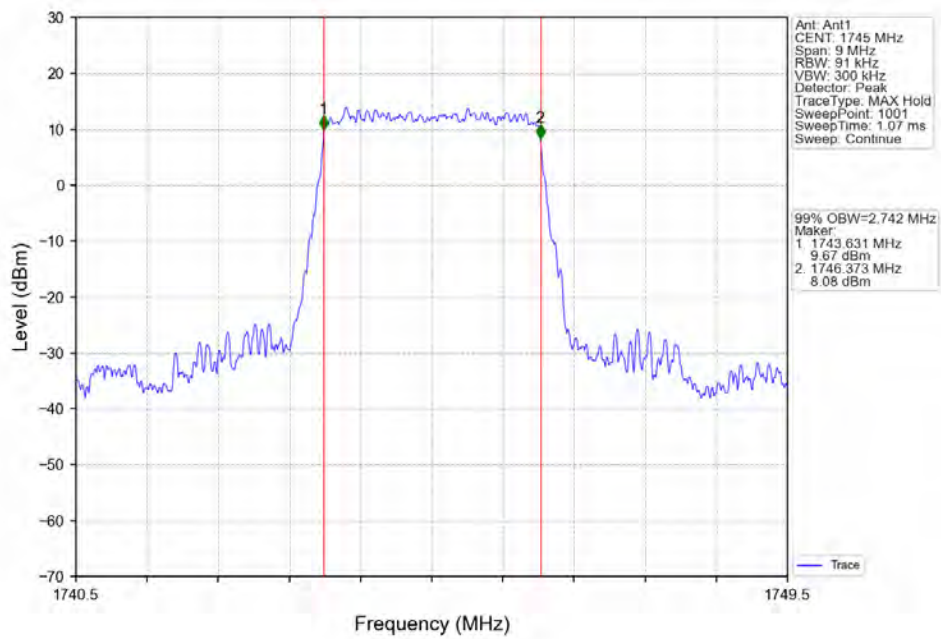
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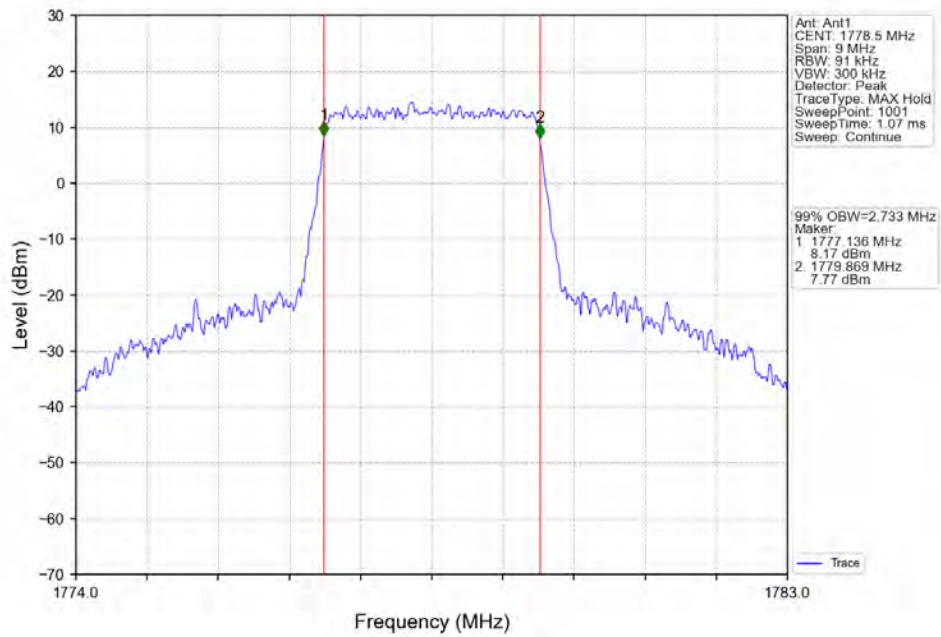
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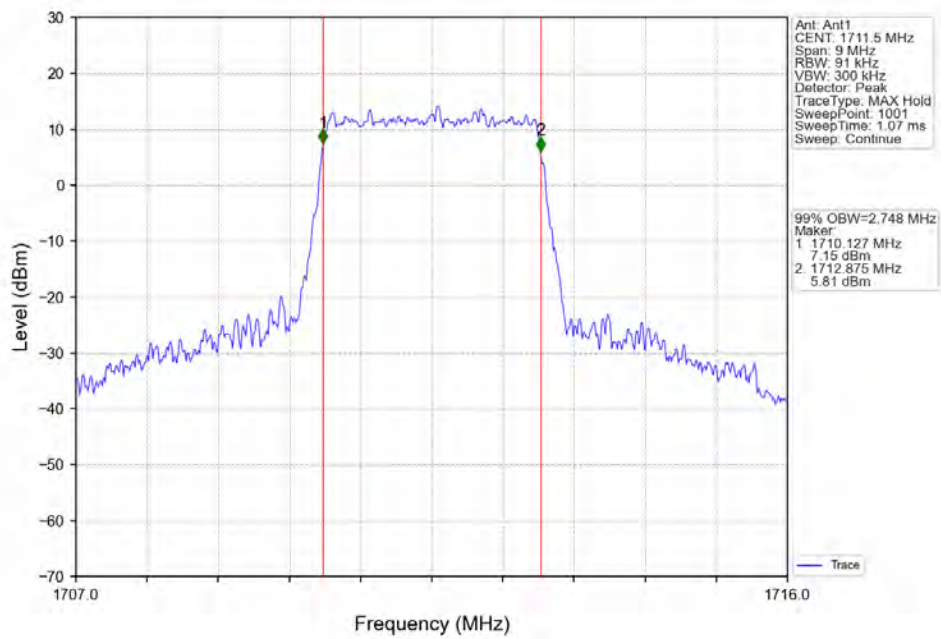
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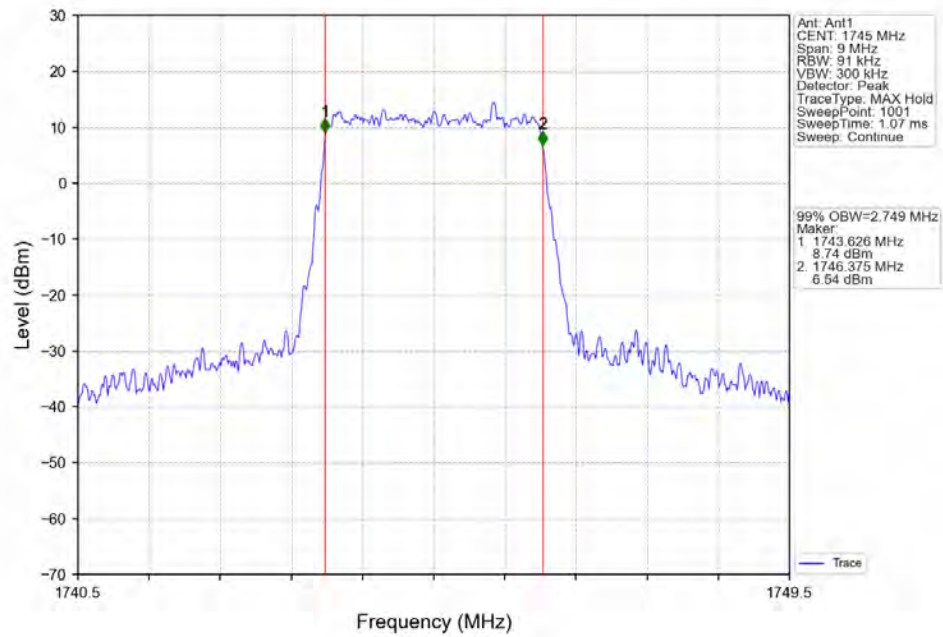
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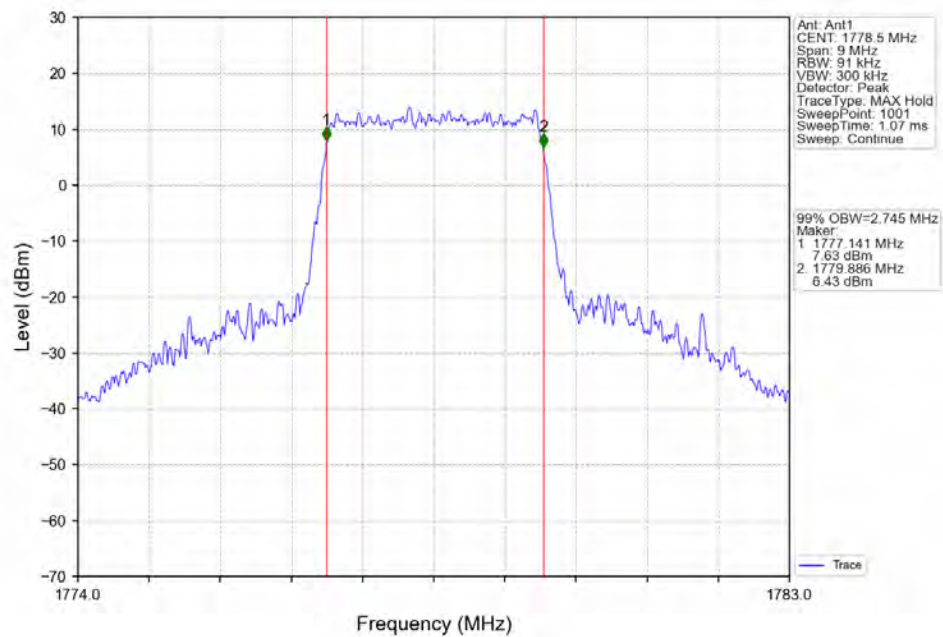
Band66 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTNV



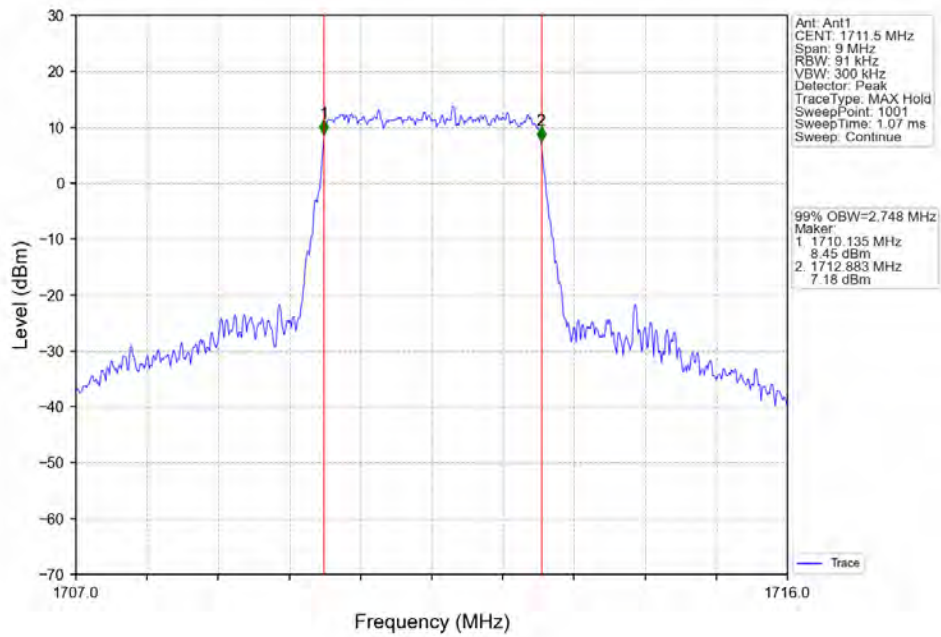
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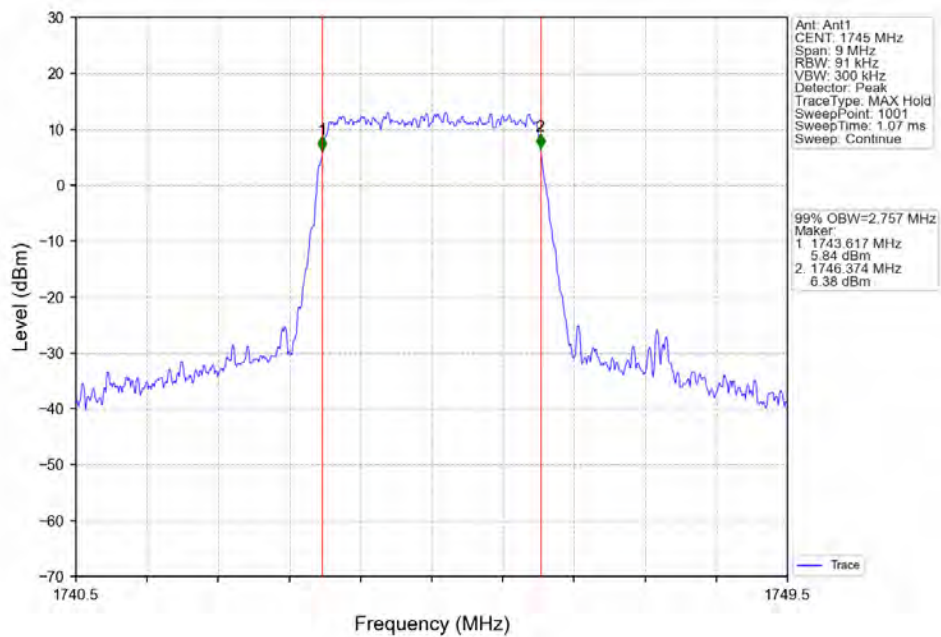
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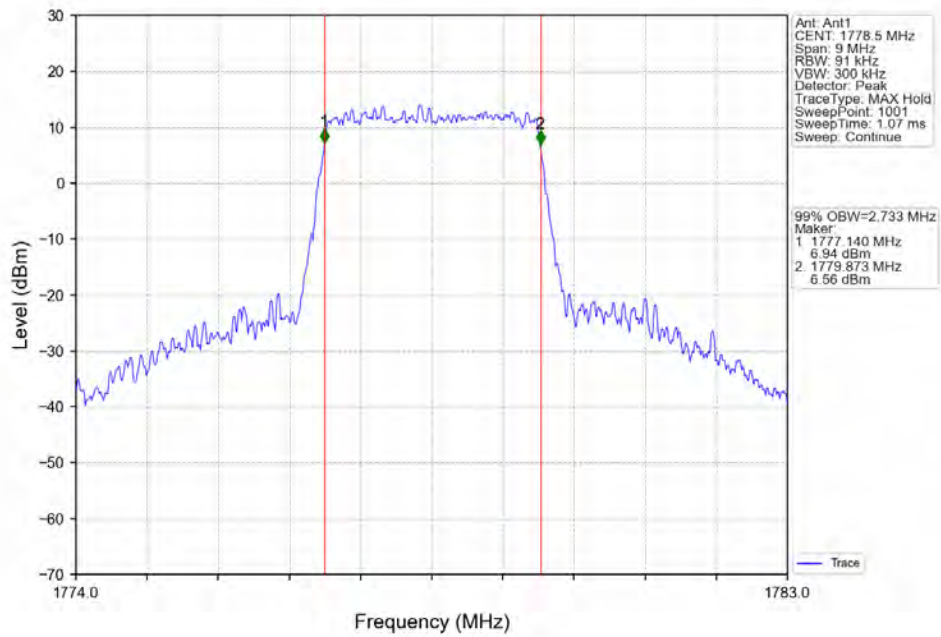
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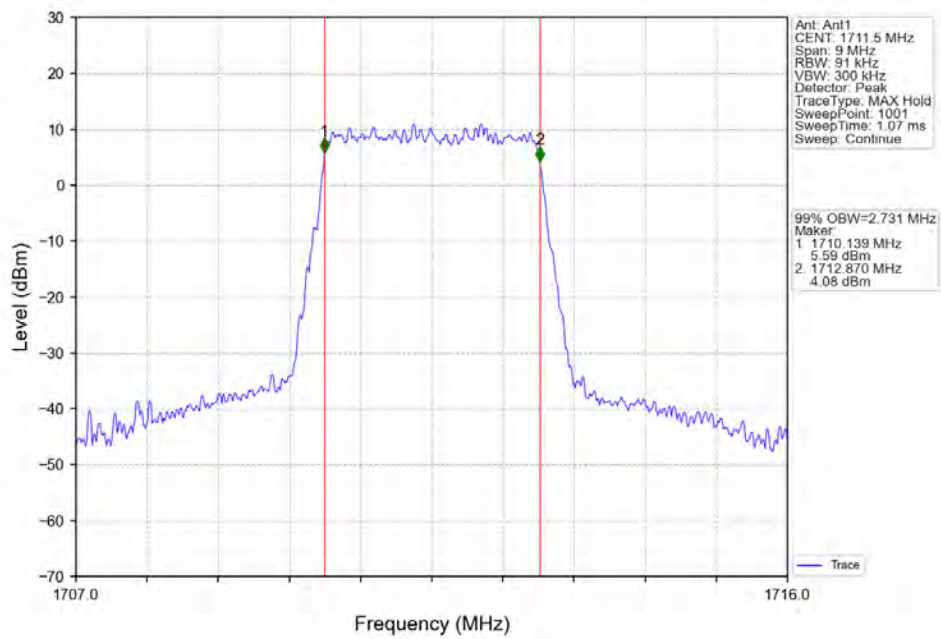
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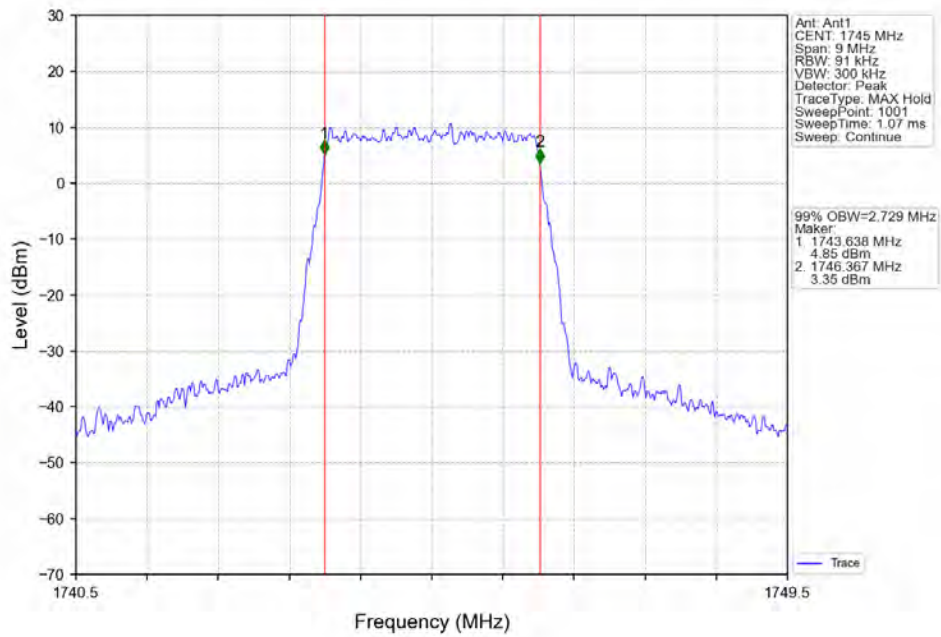
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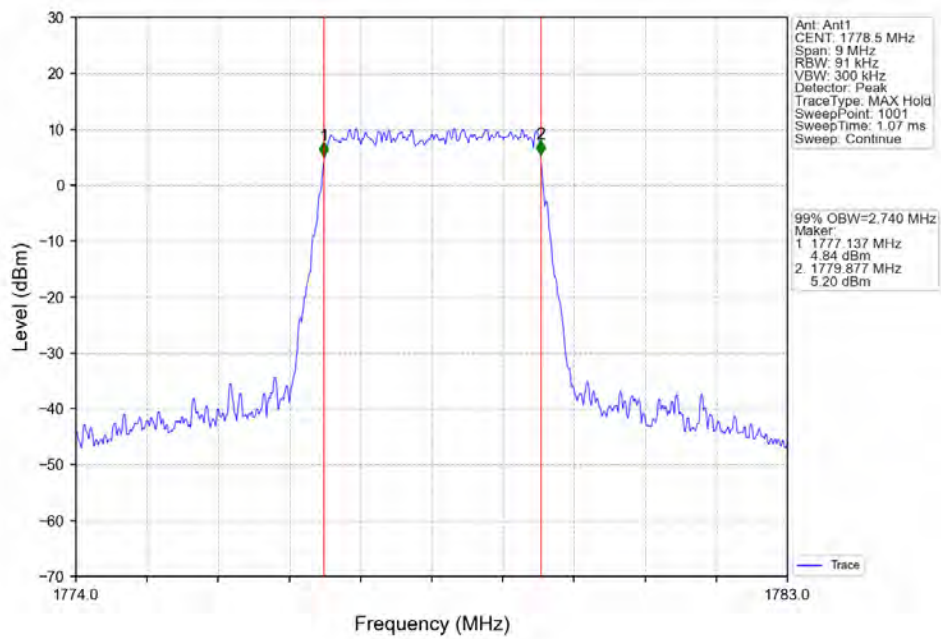
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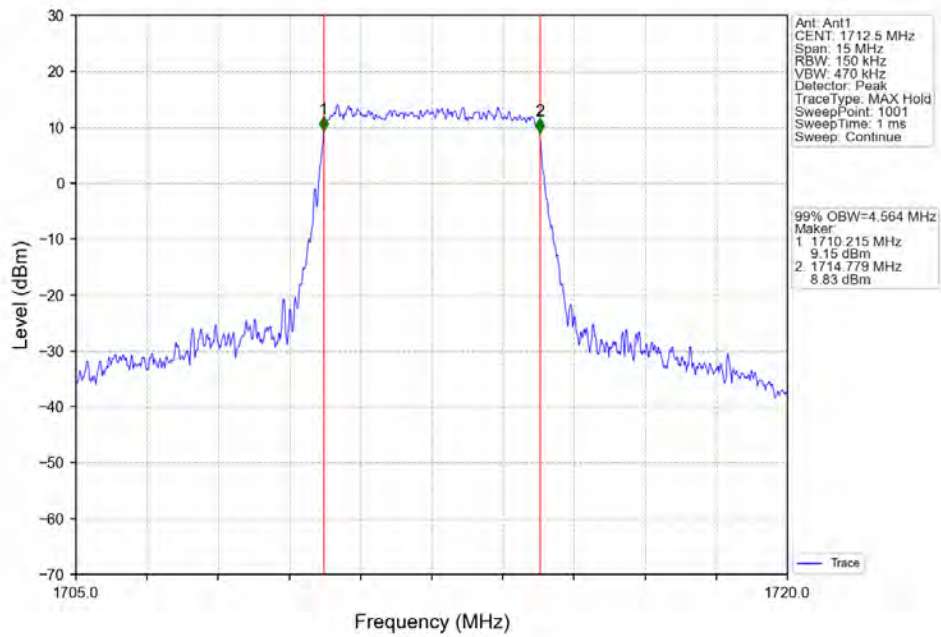
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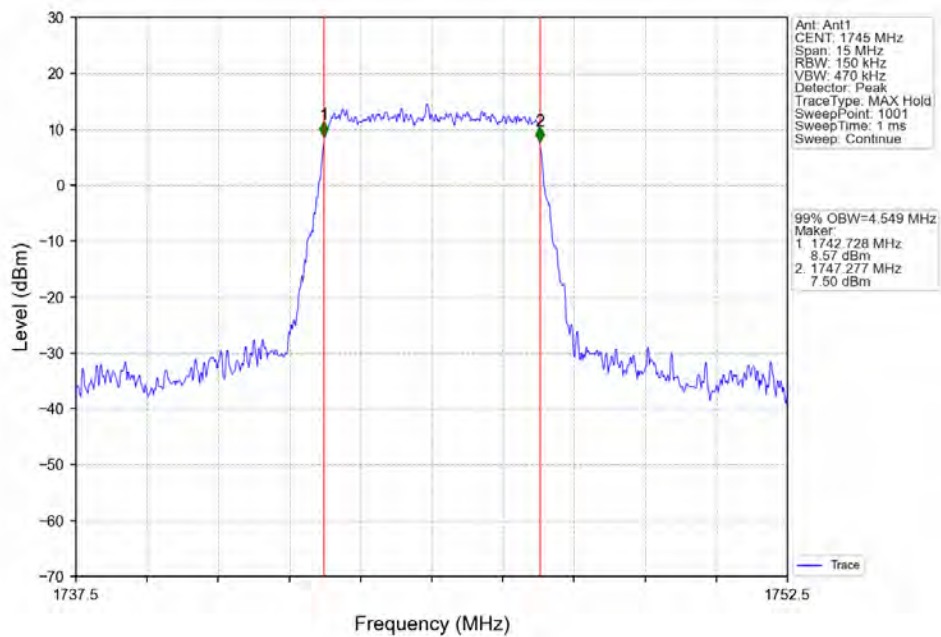
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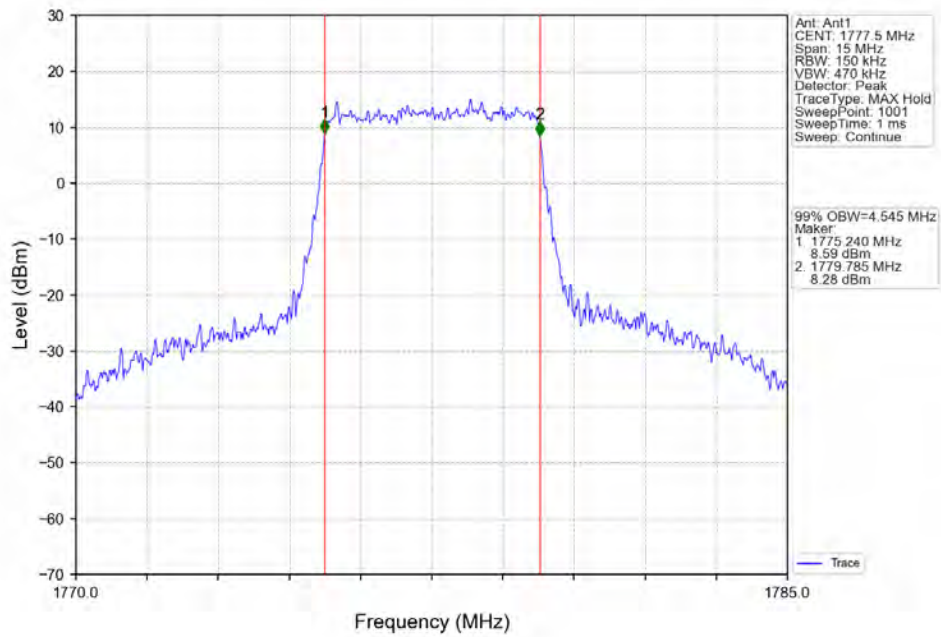
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



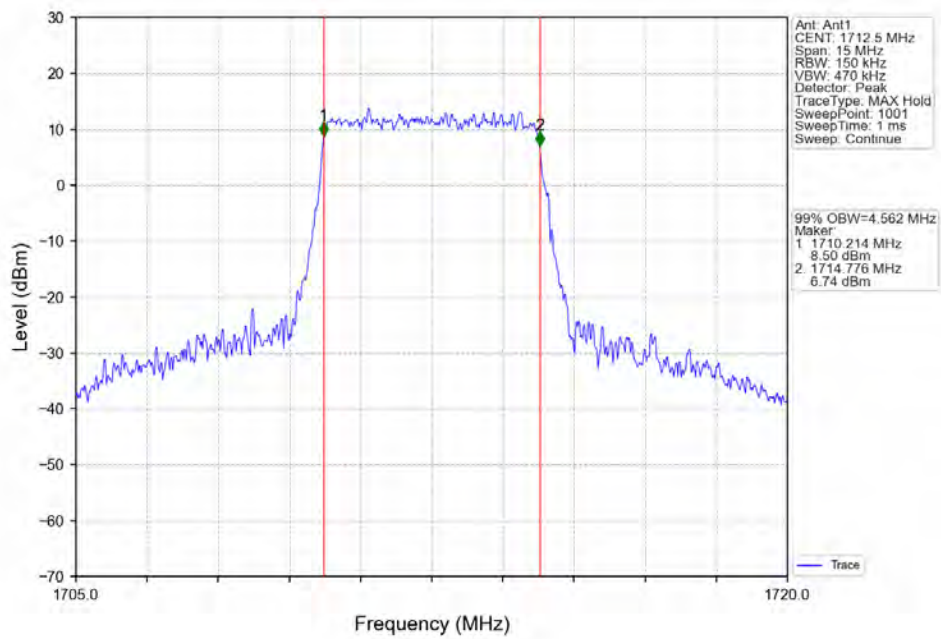
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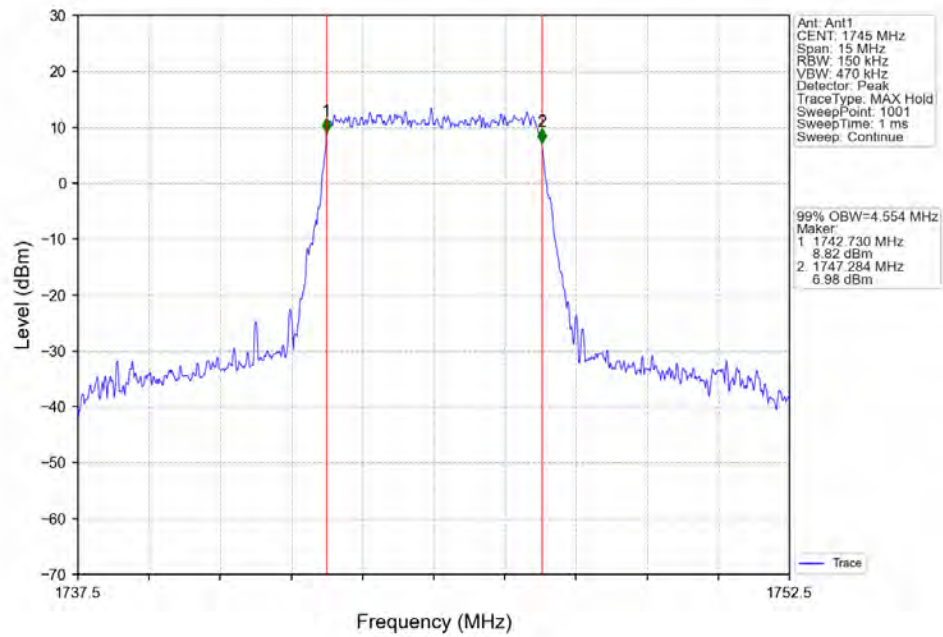
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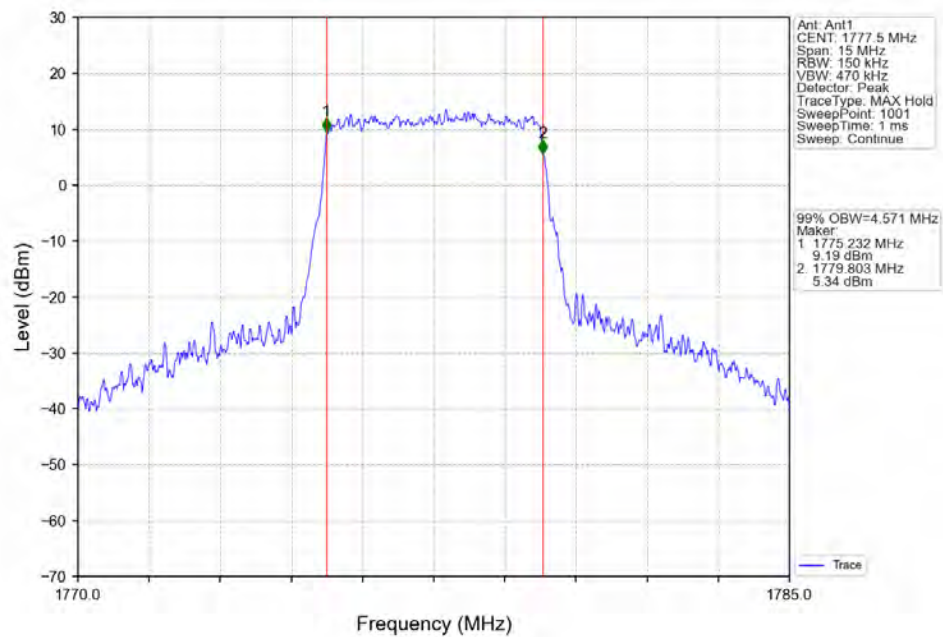
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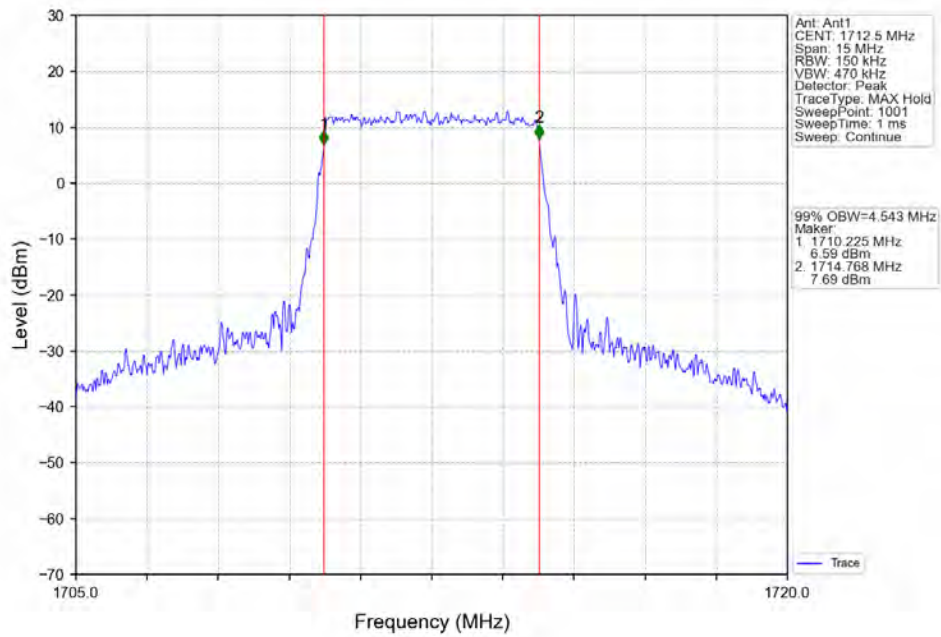
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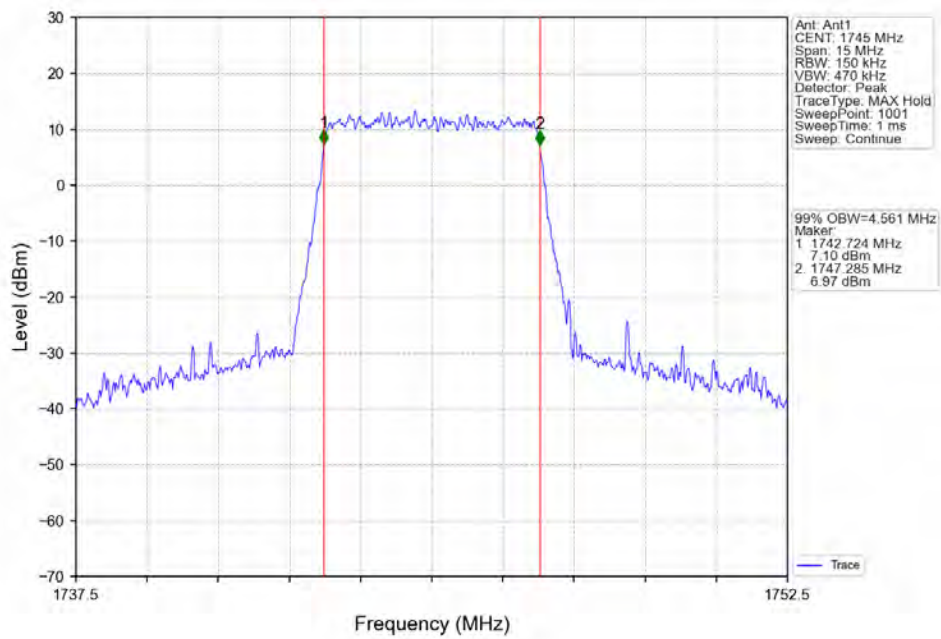
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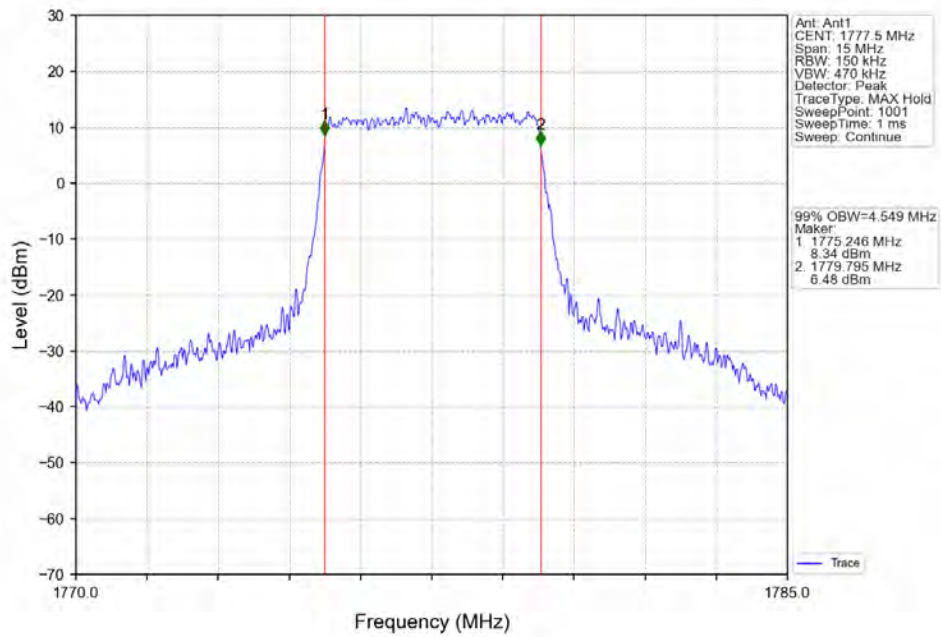
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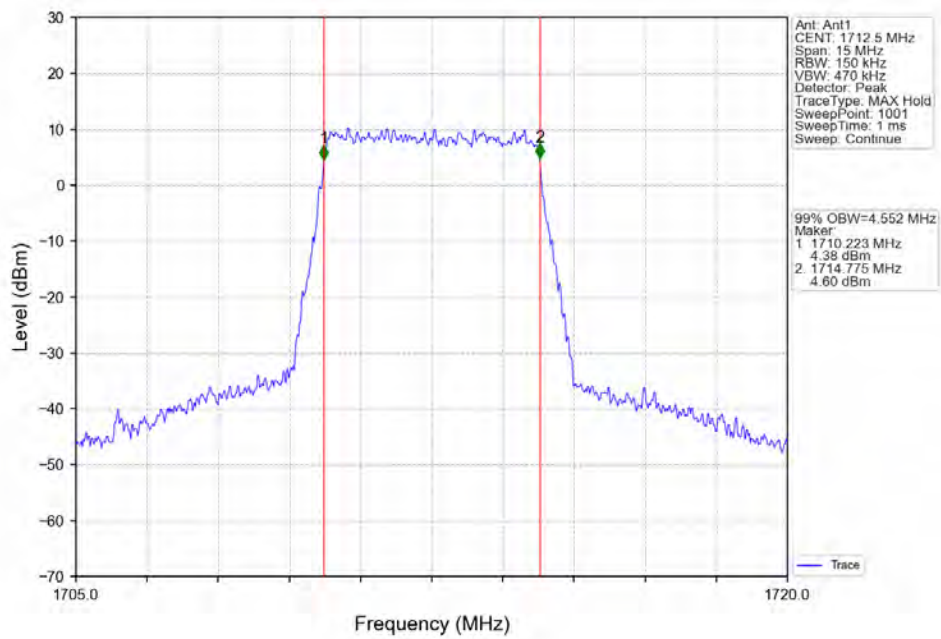
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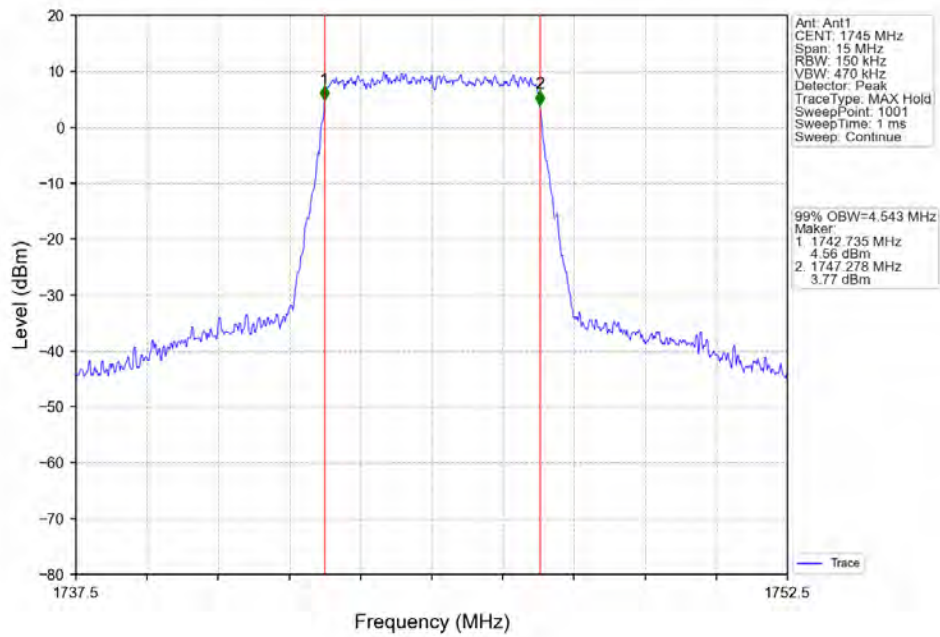
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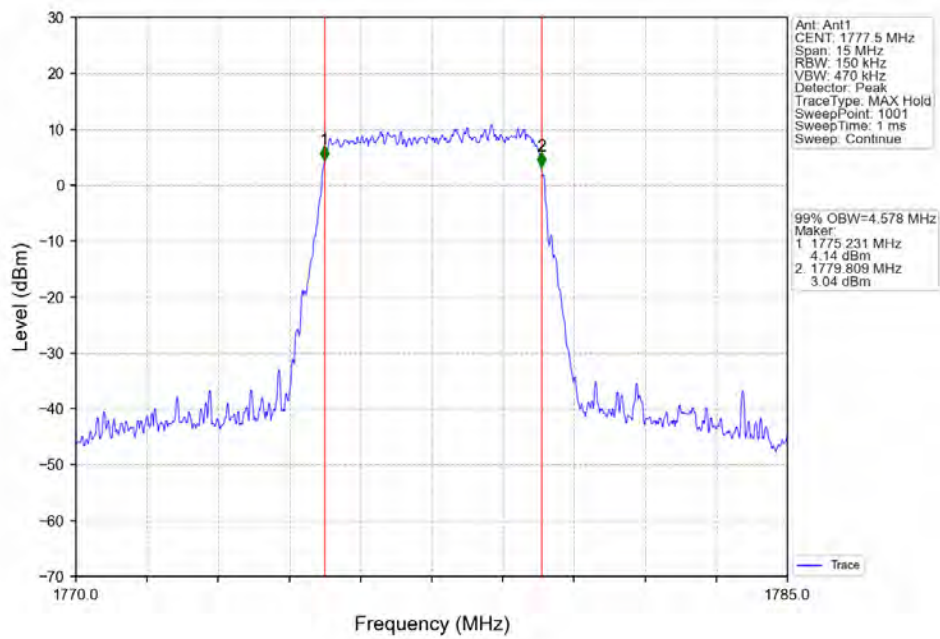
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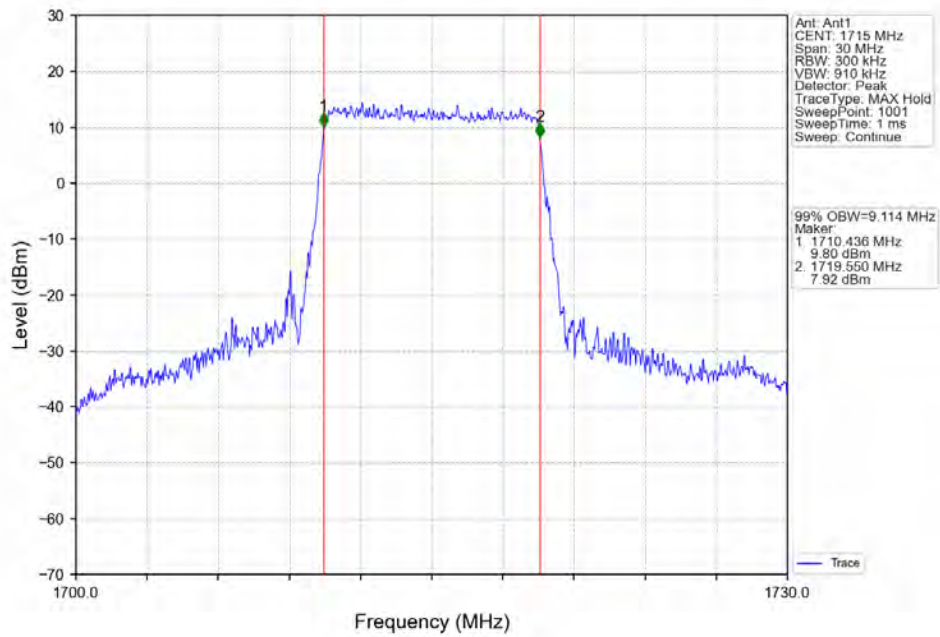
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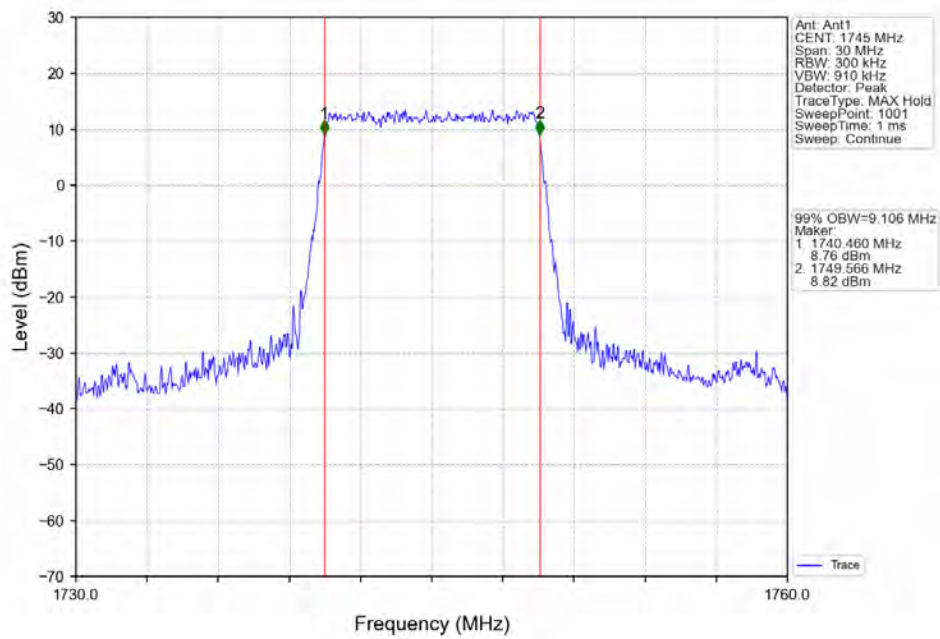
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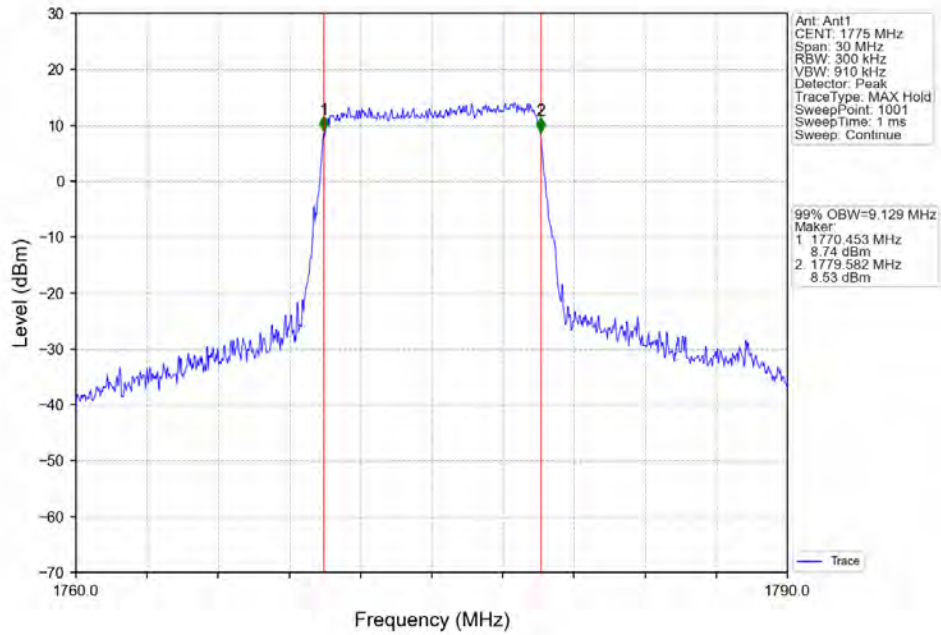
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTN



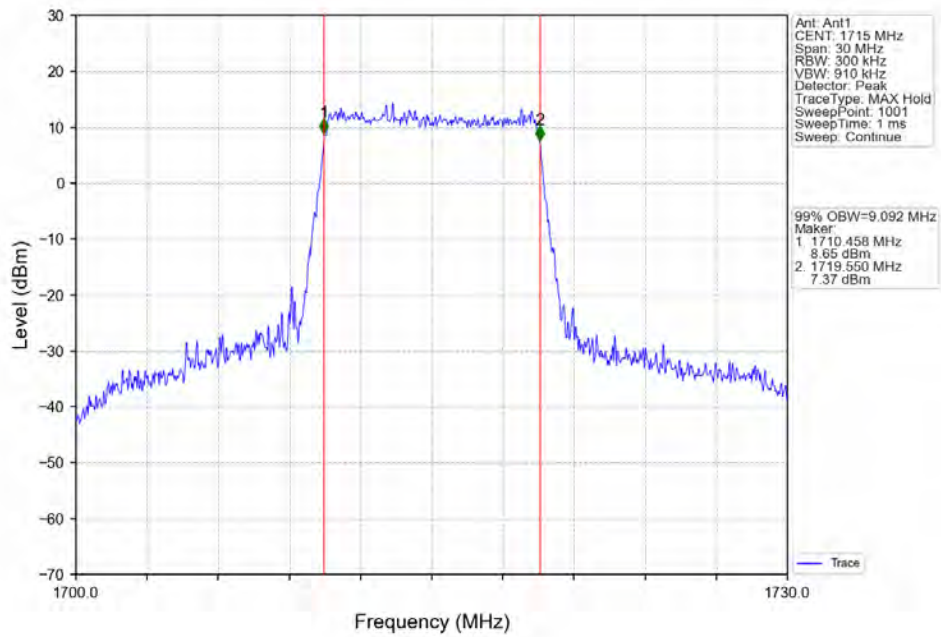
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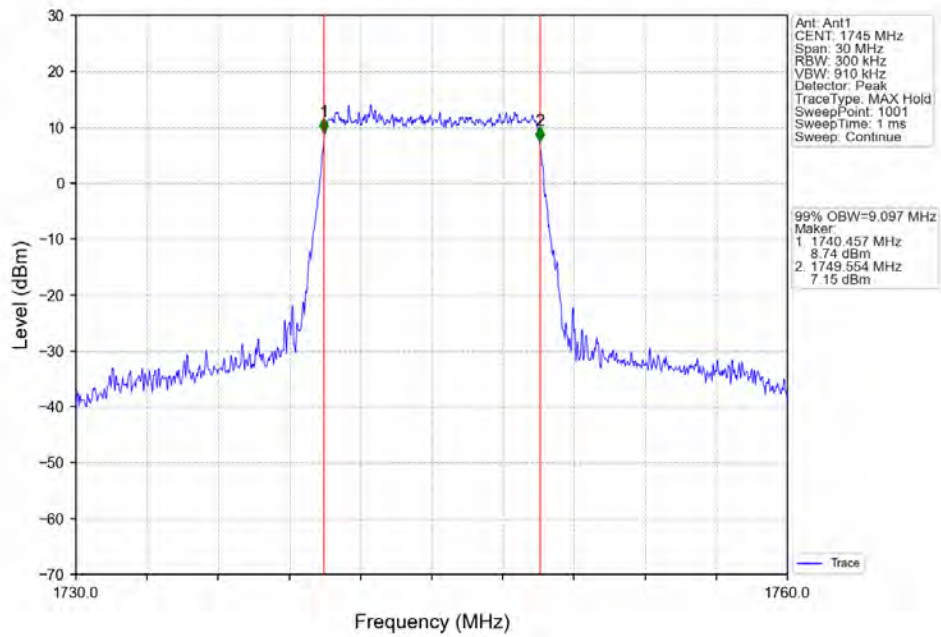
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



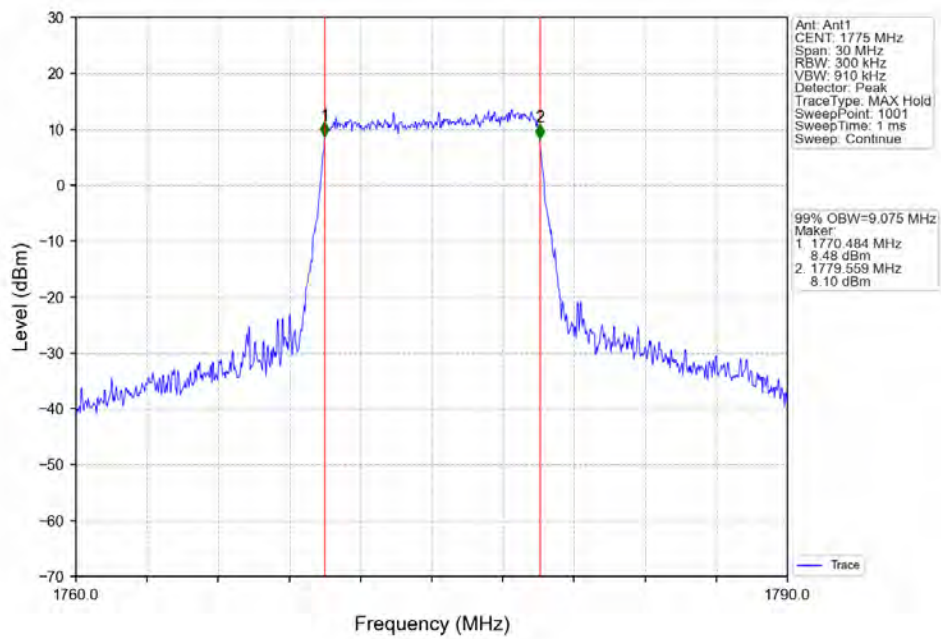
Band66 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV



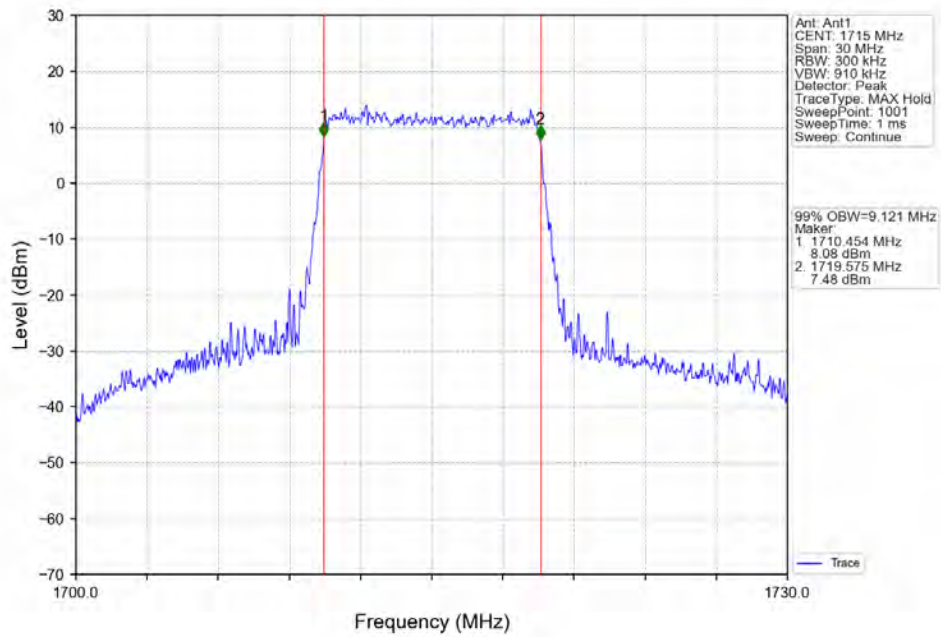
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



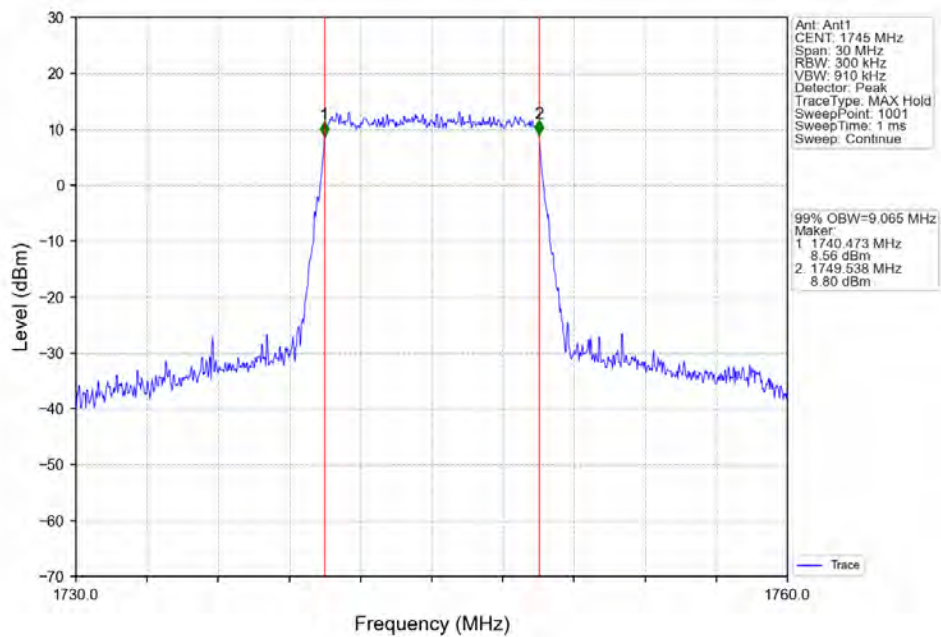
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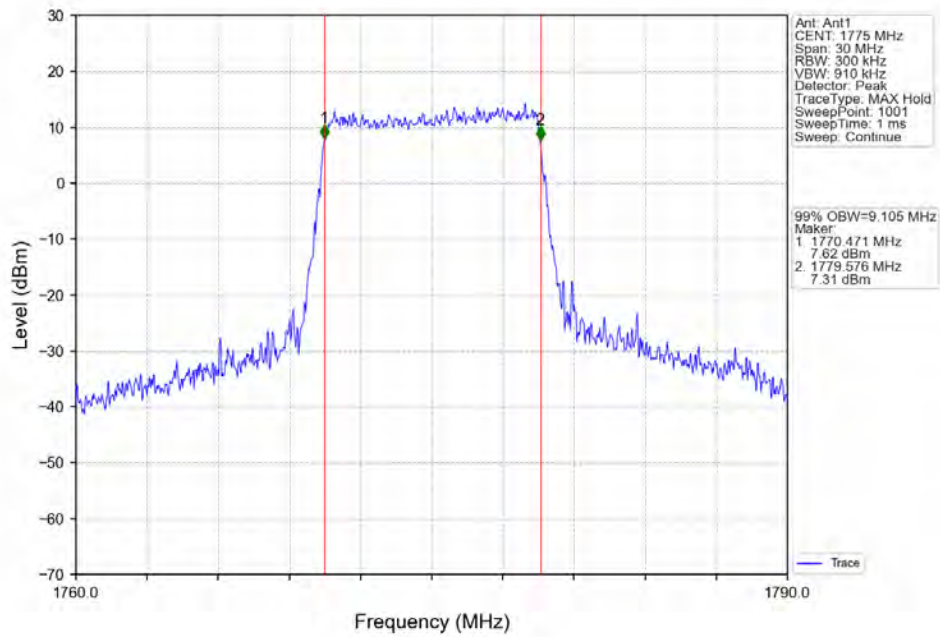
Band66 10MHz 64QAM LCH 1715MHz RB 50 0 NTNV



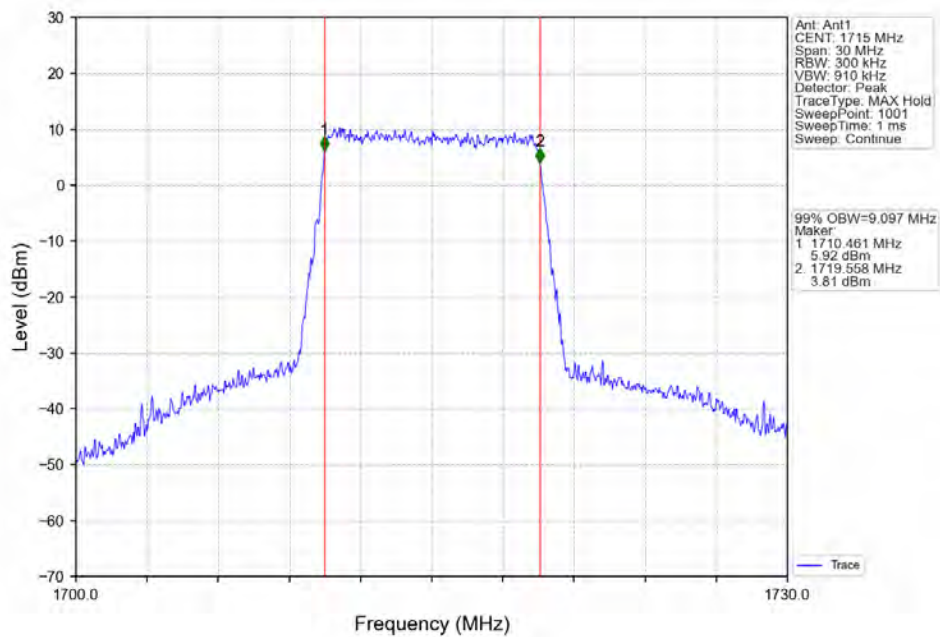
Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTNV



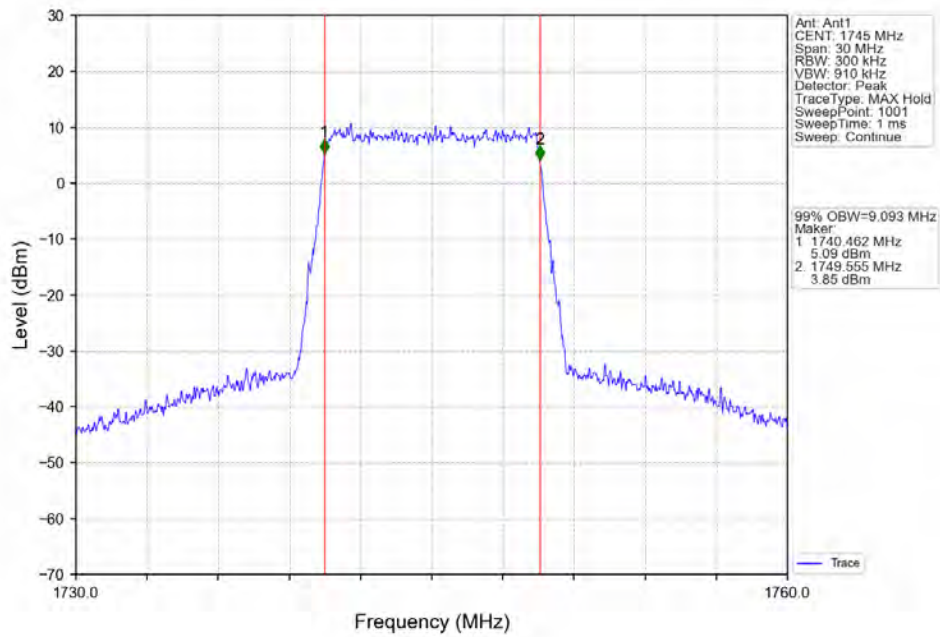
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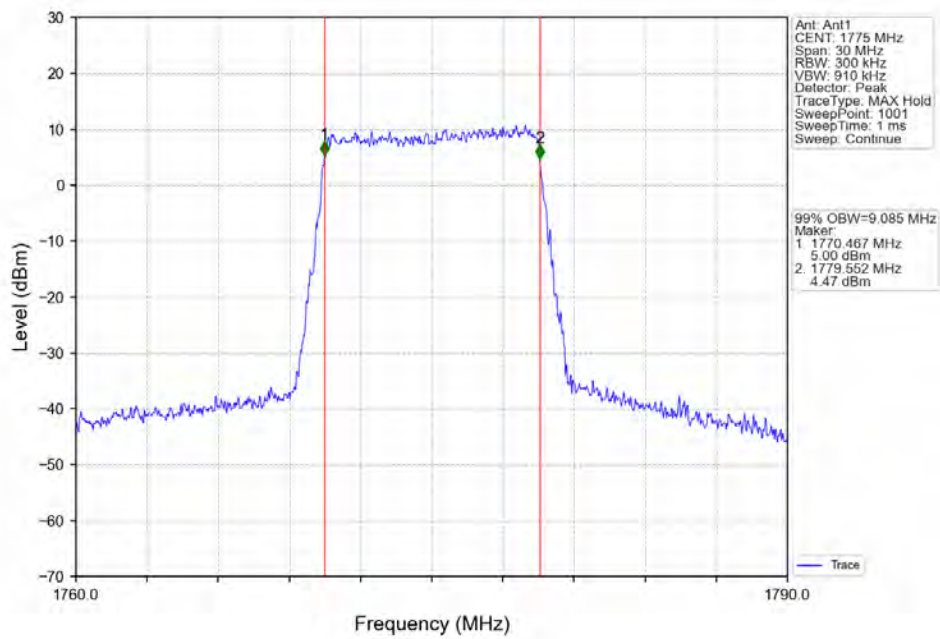
Band66 10MHz 256QAM LCH 1715MHz RB 50 0 NTNV



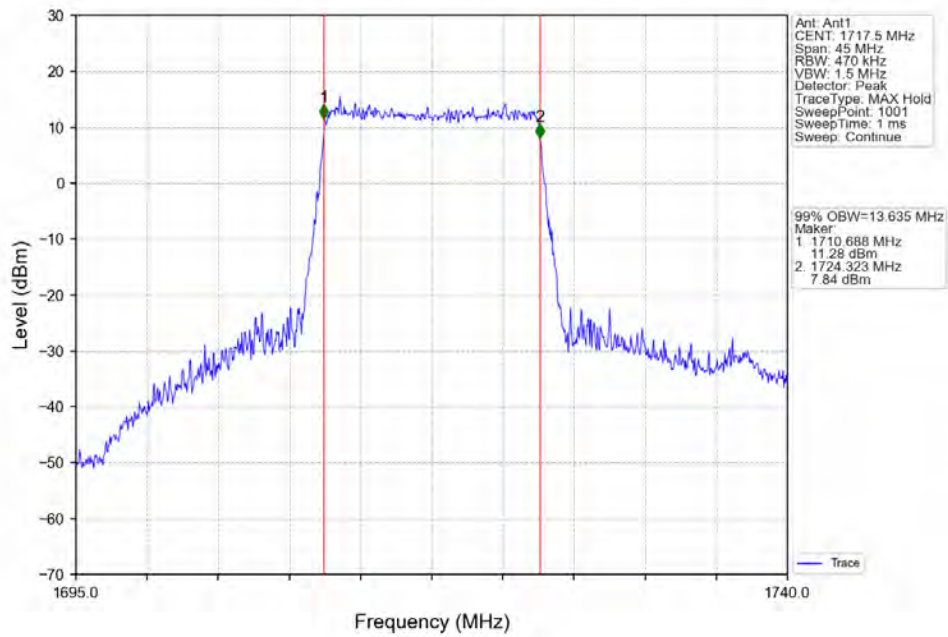
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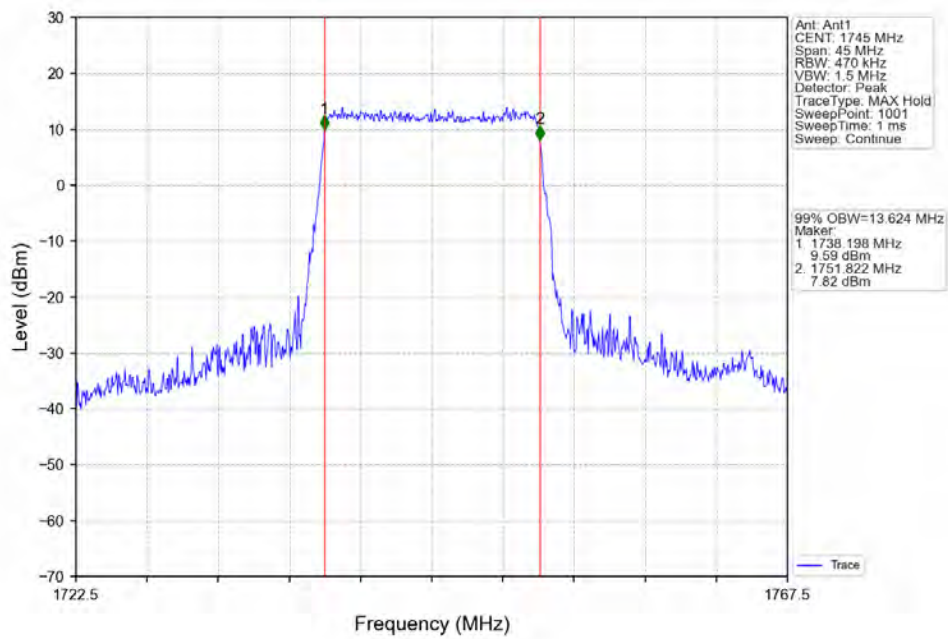
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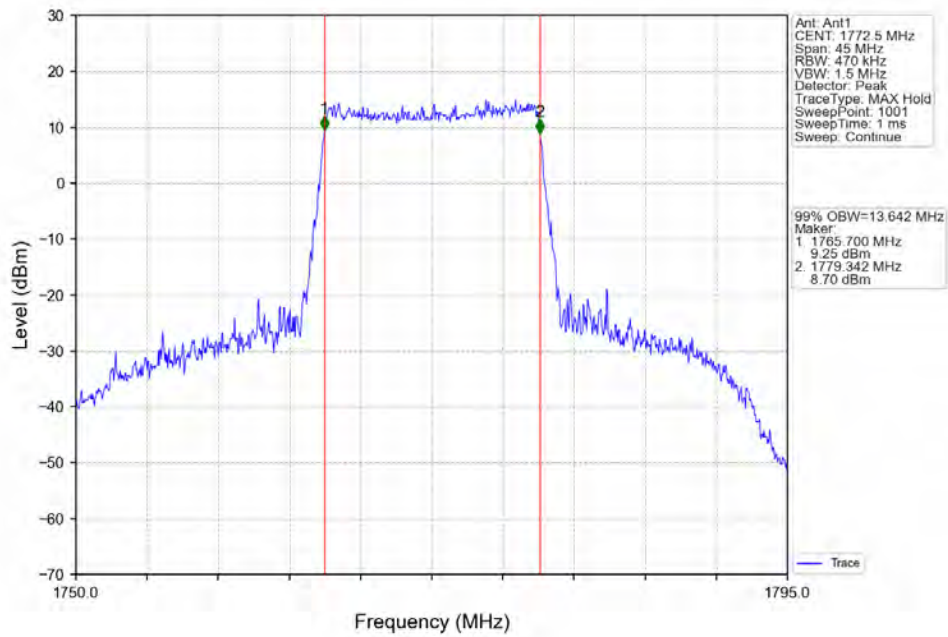
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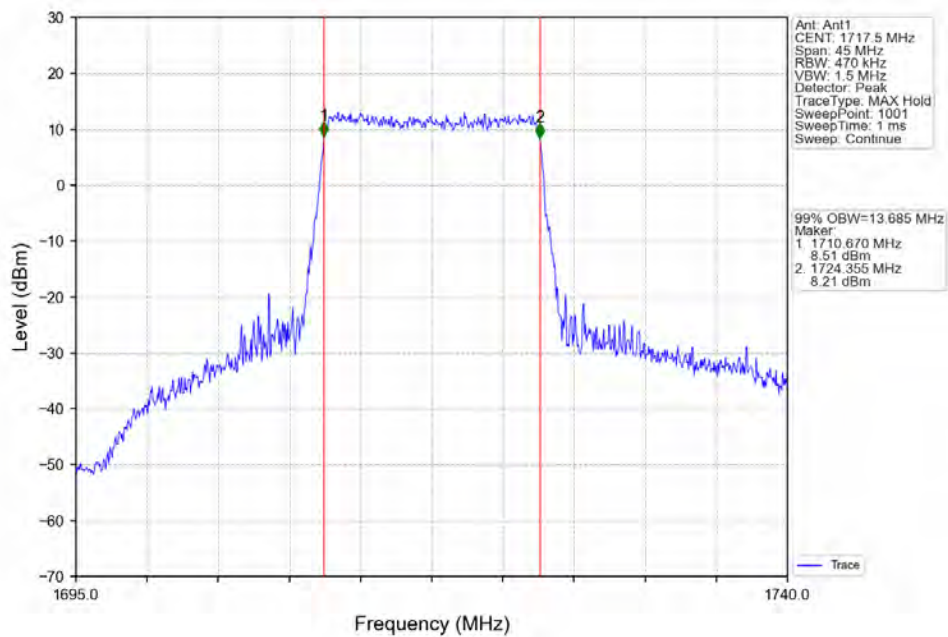
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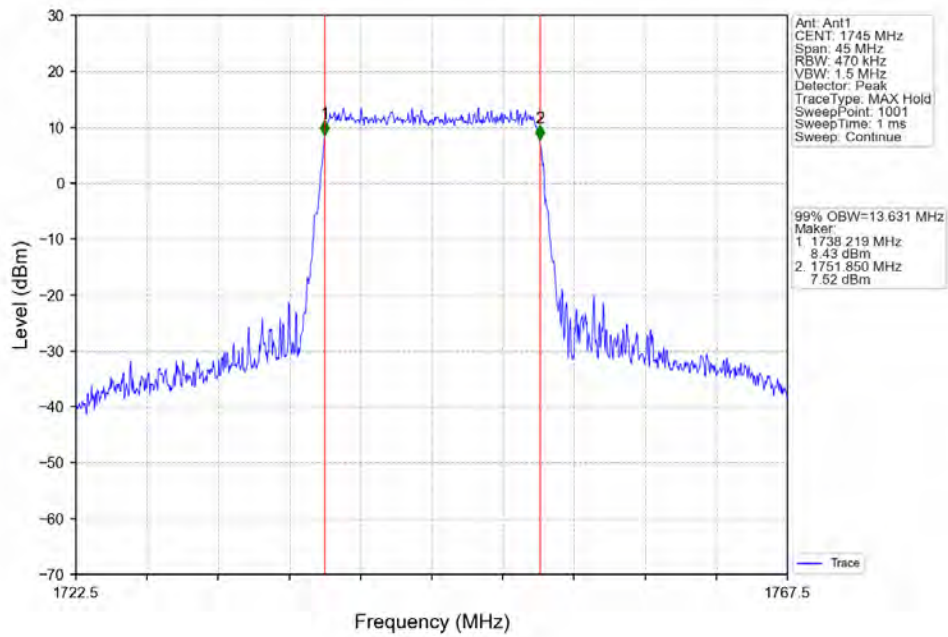
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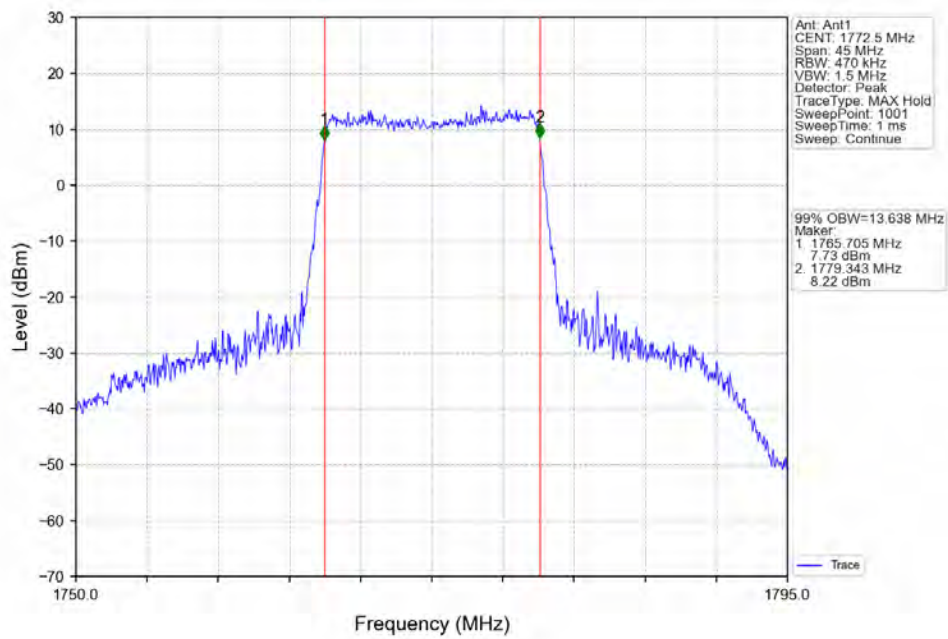
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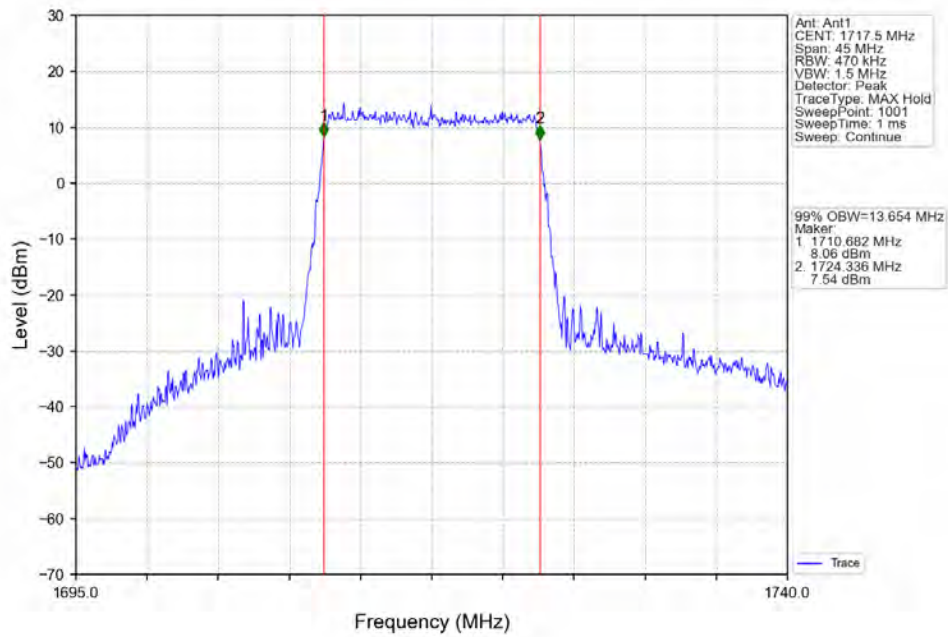
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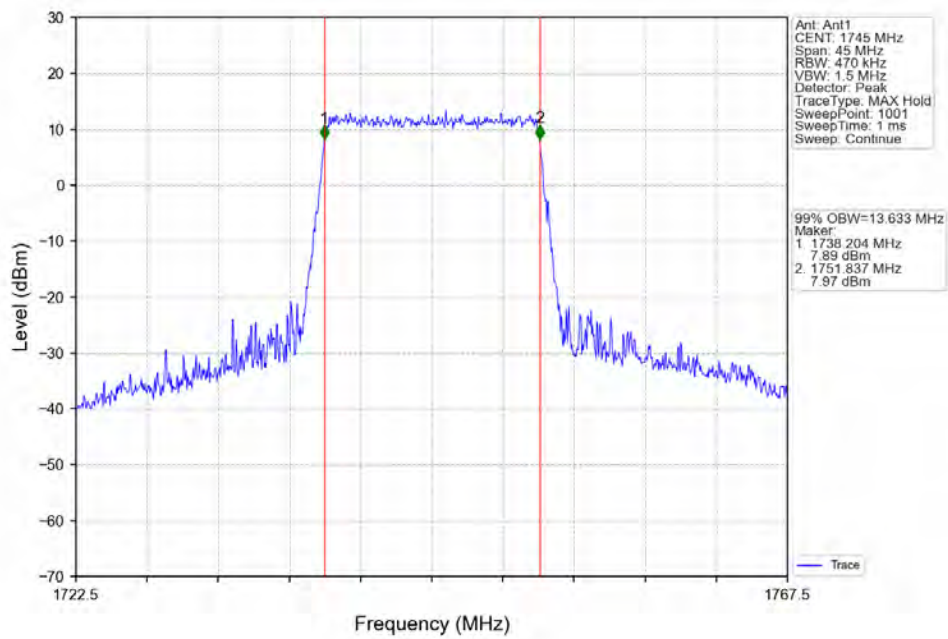
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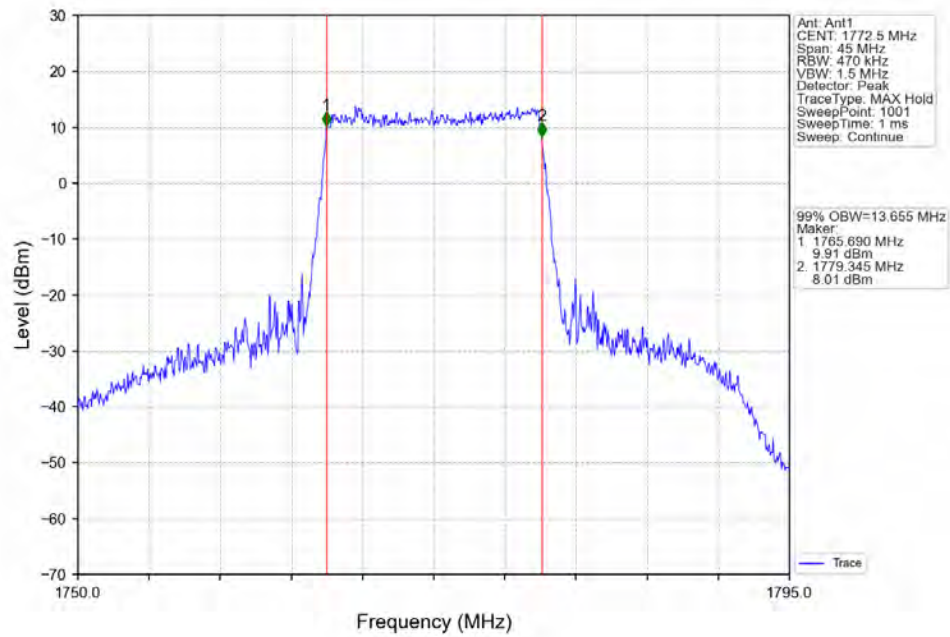
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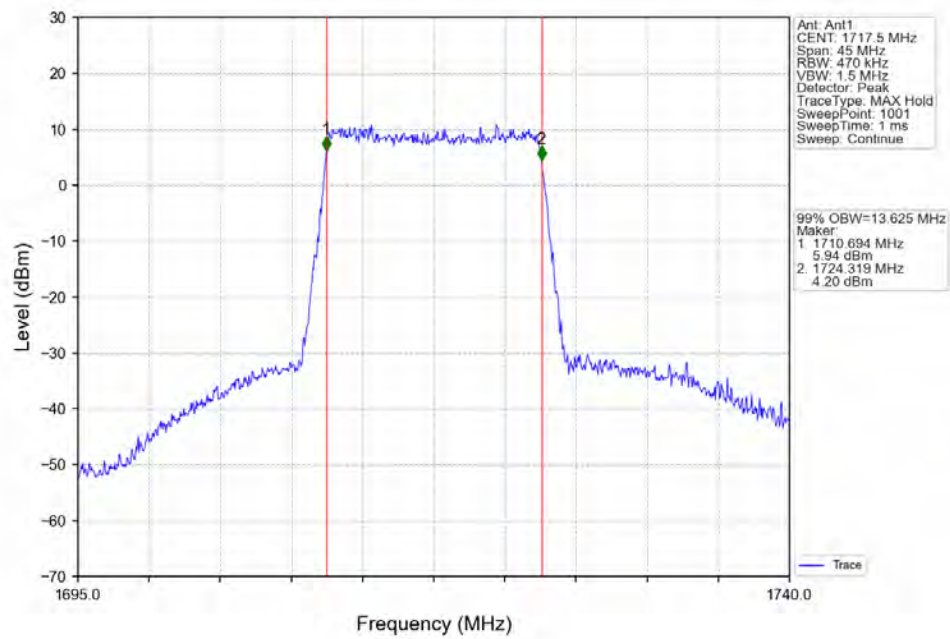
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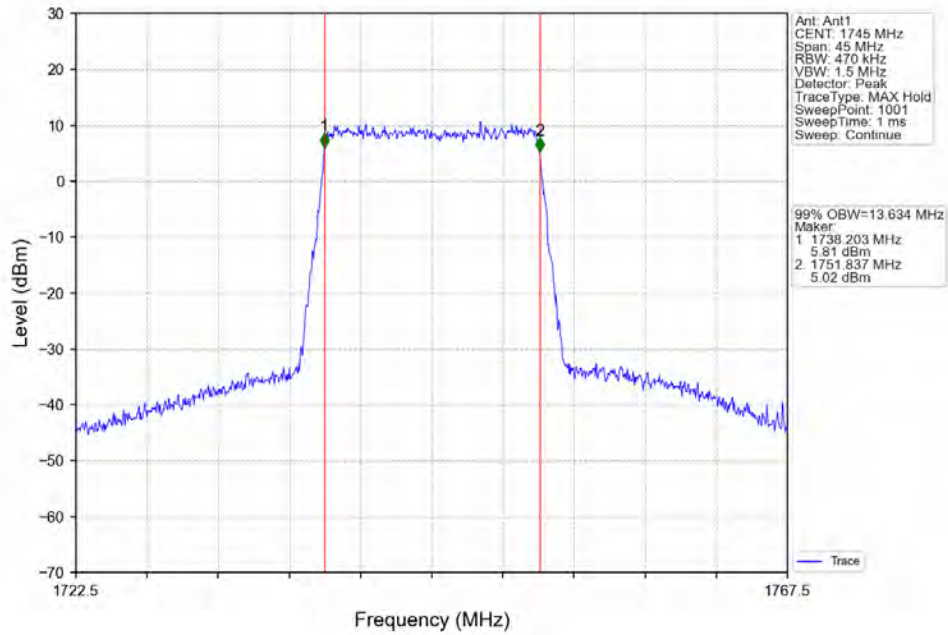
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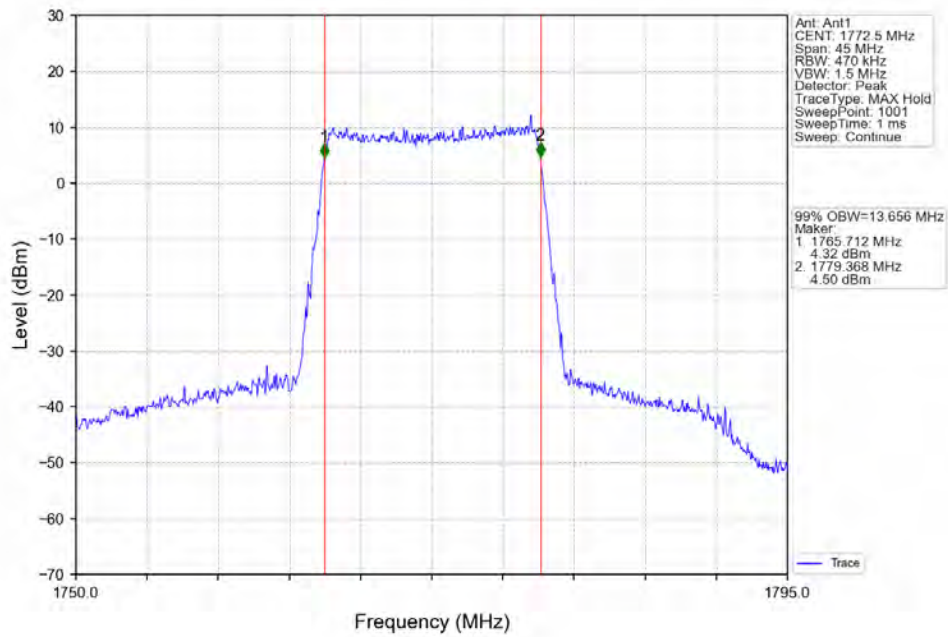
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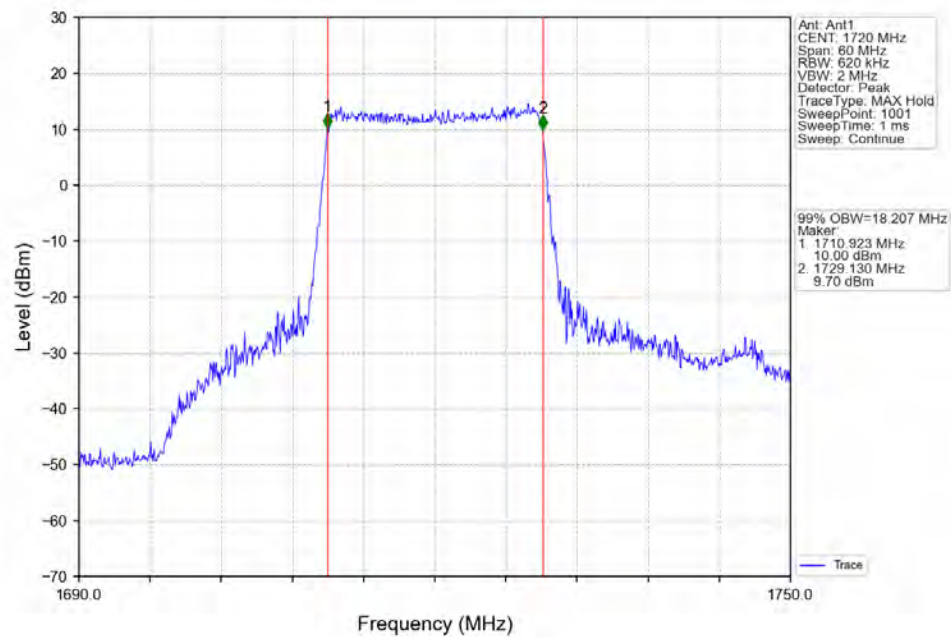
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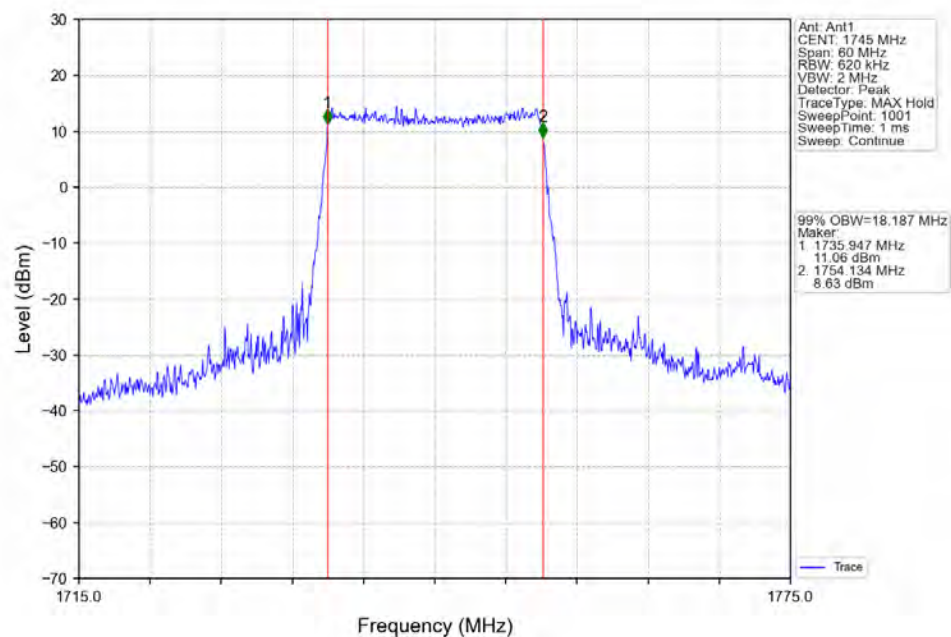
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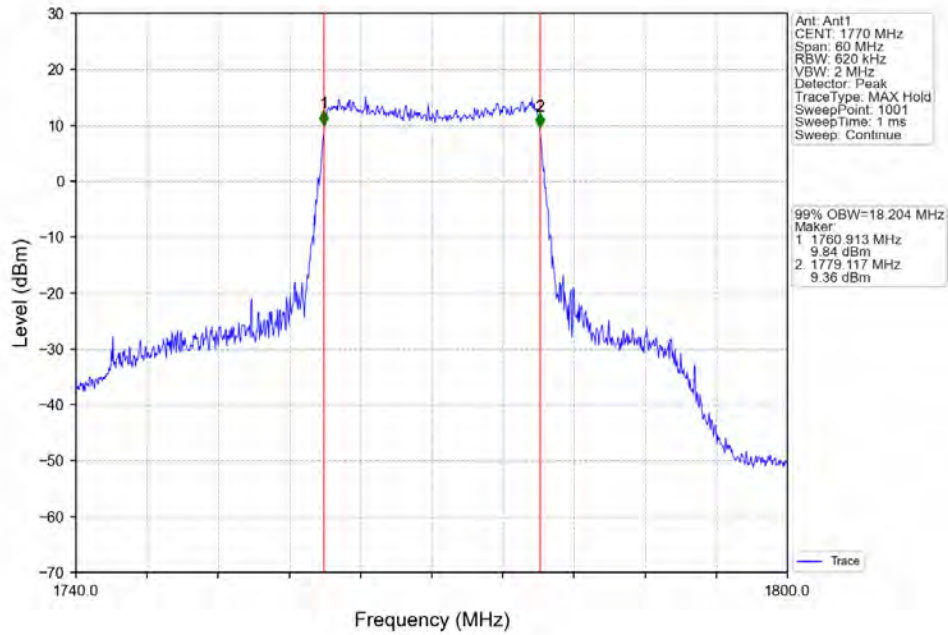
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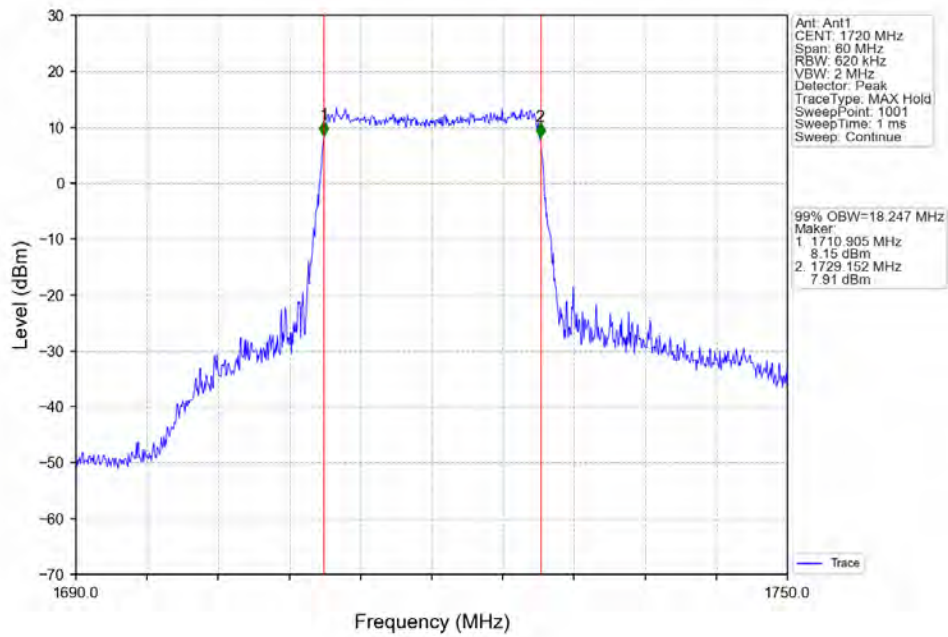
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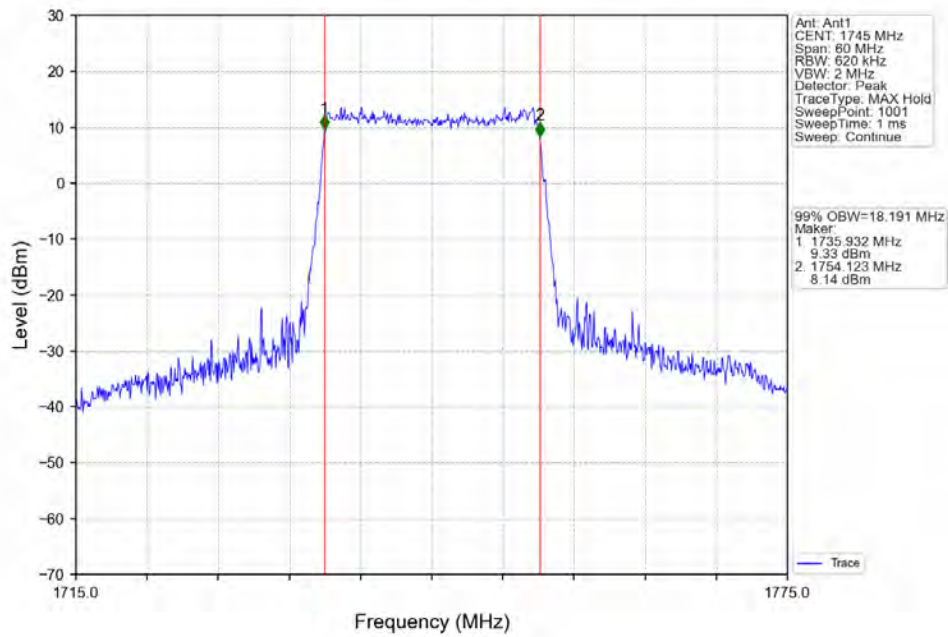
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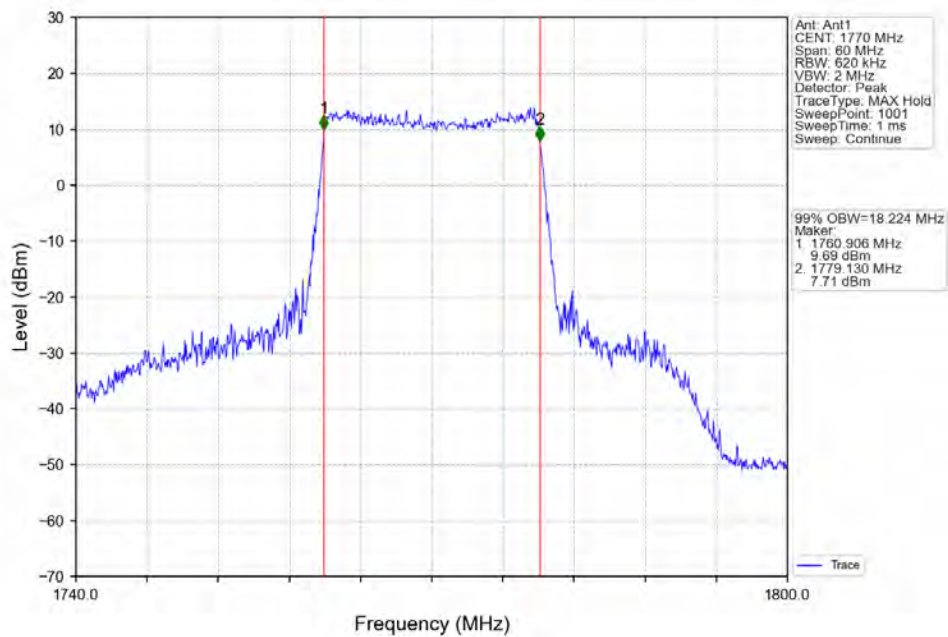
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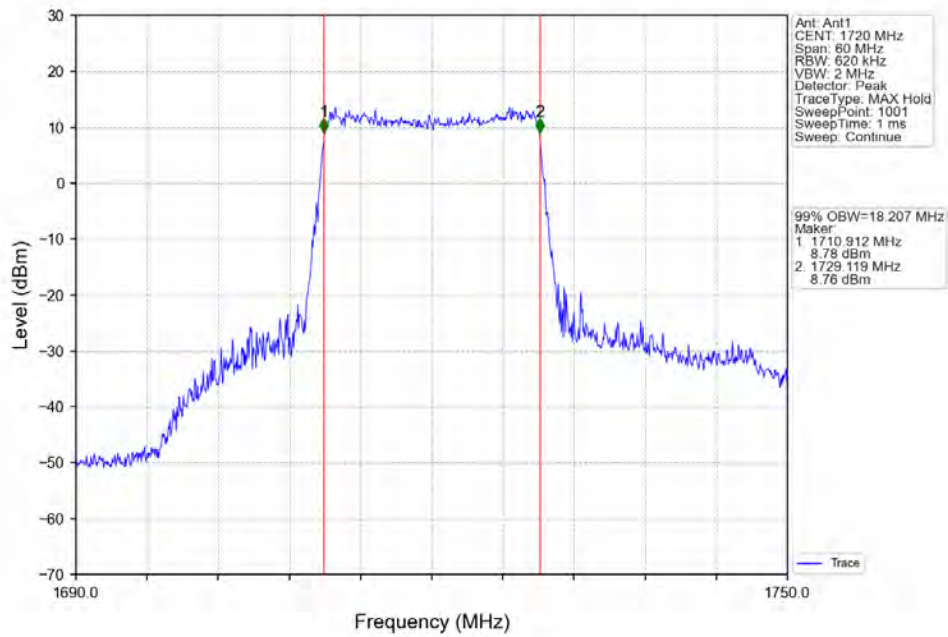
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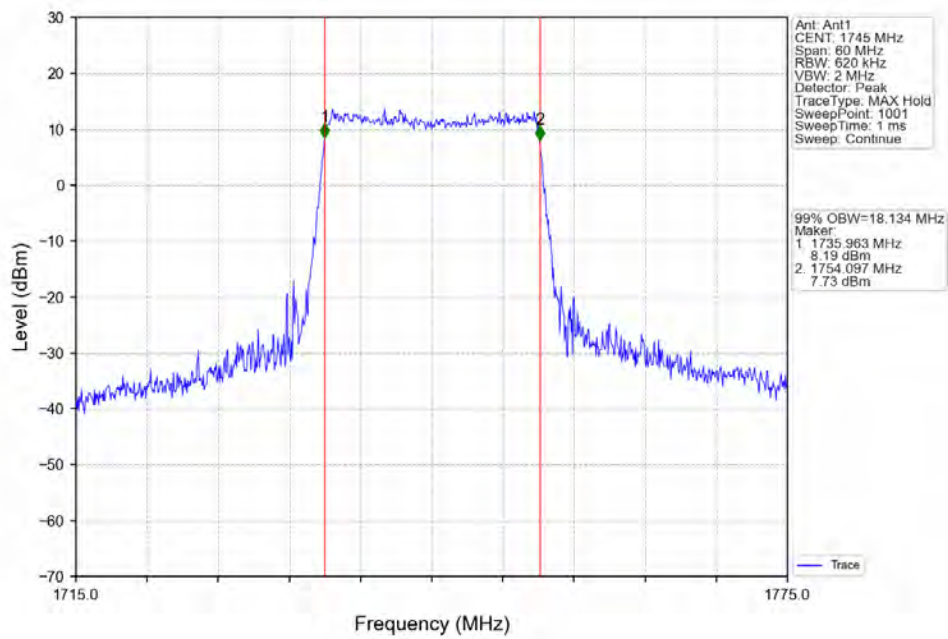
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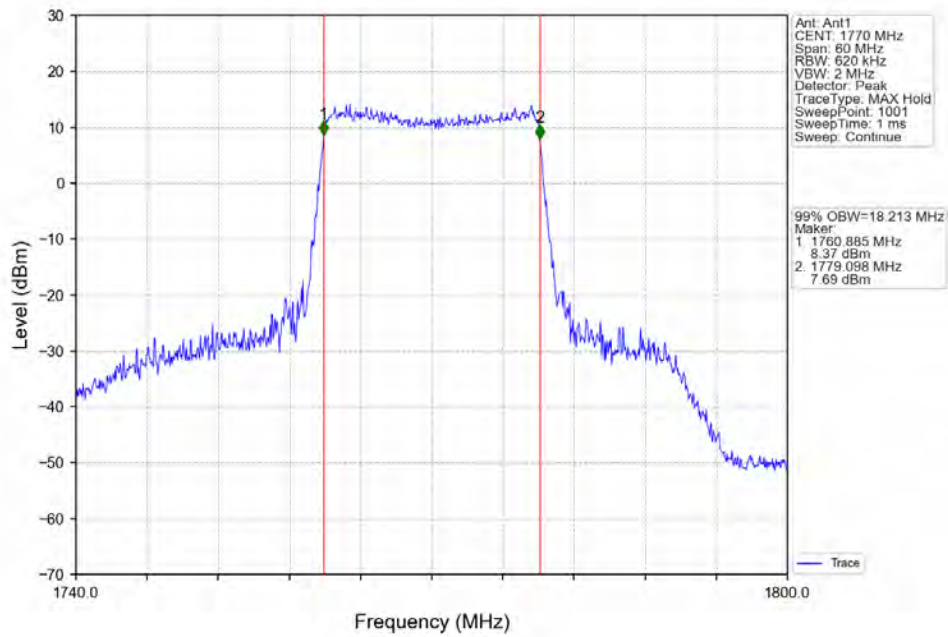
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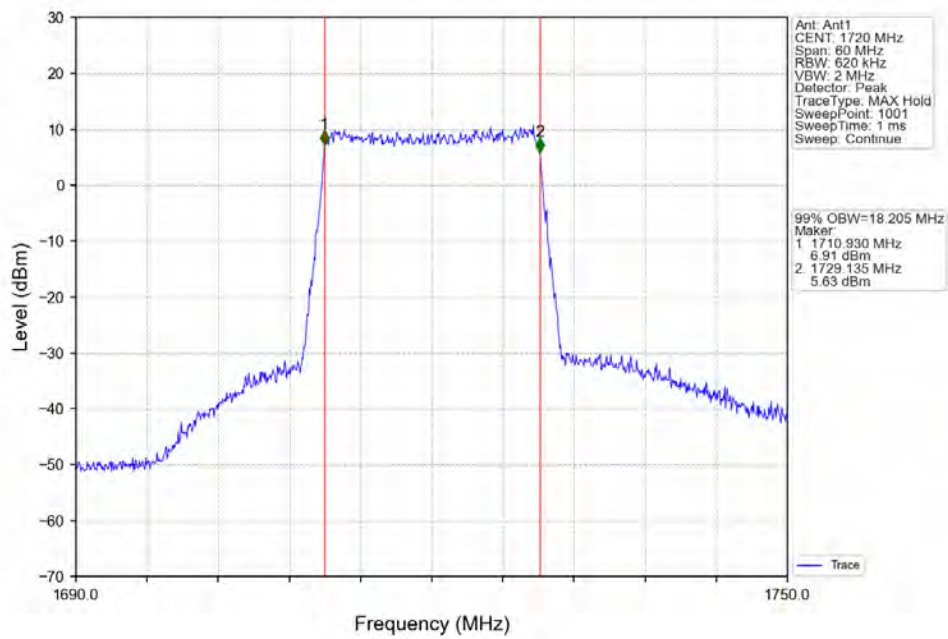
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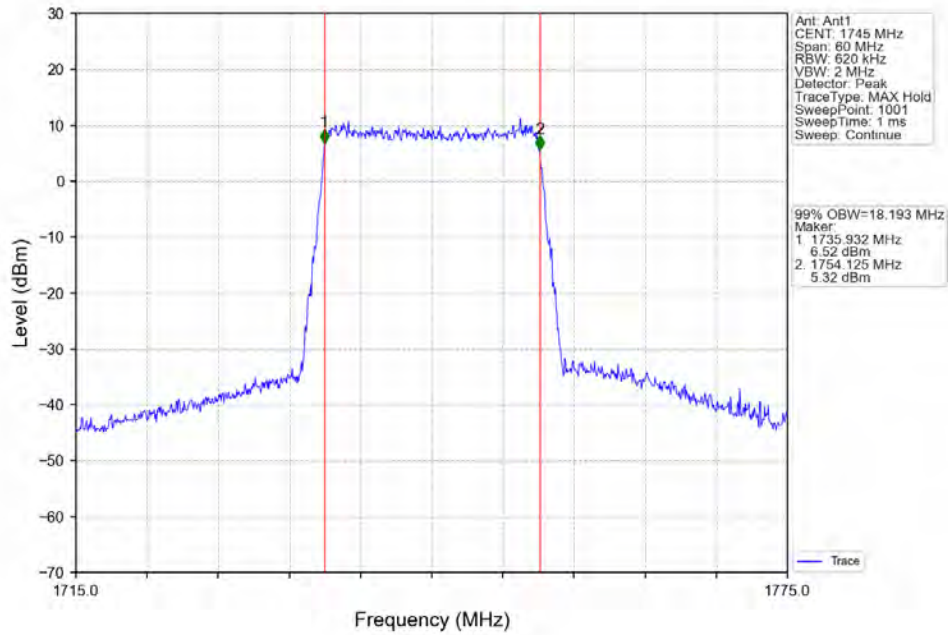
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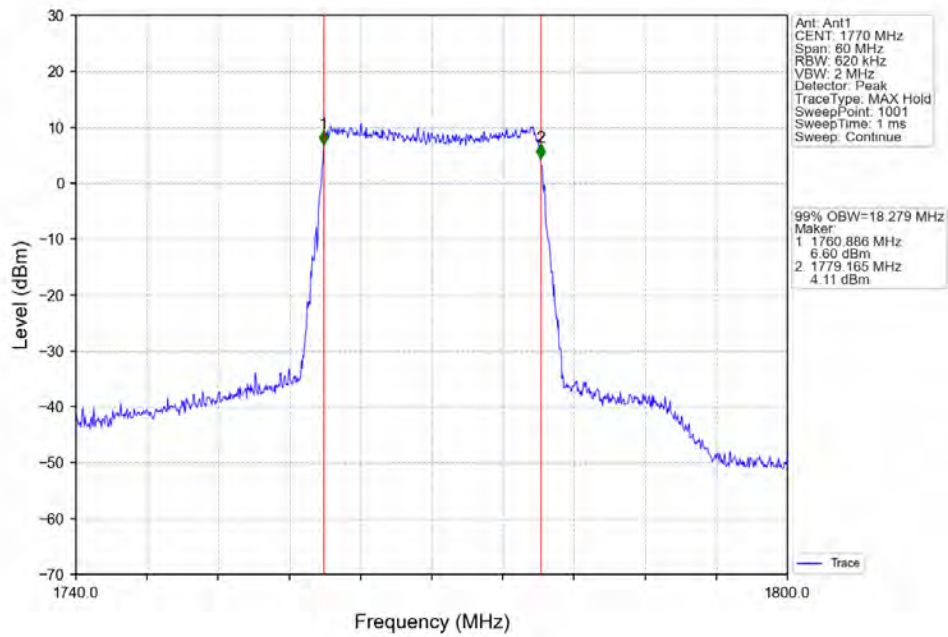
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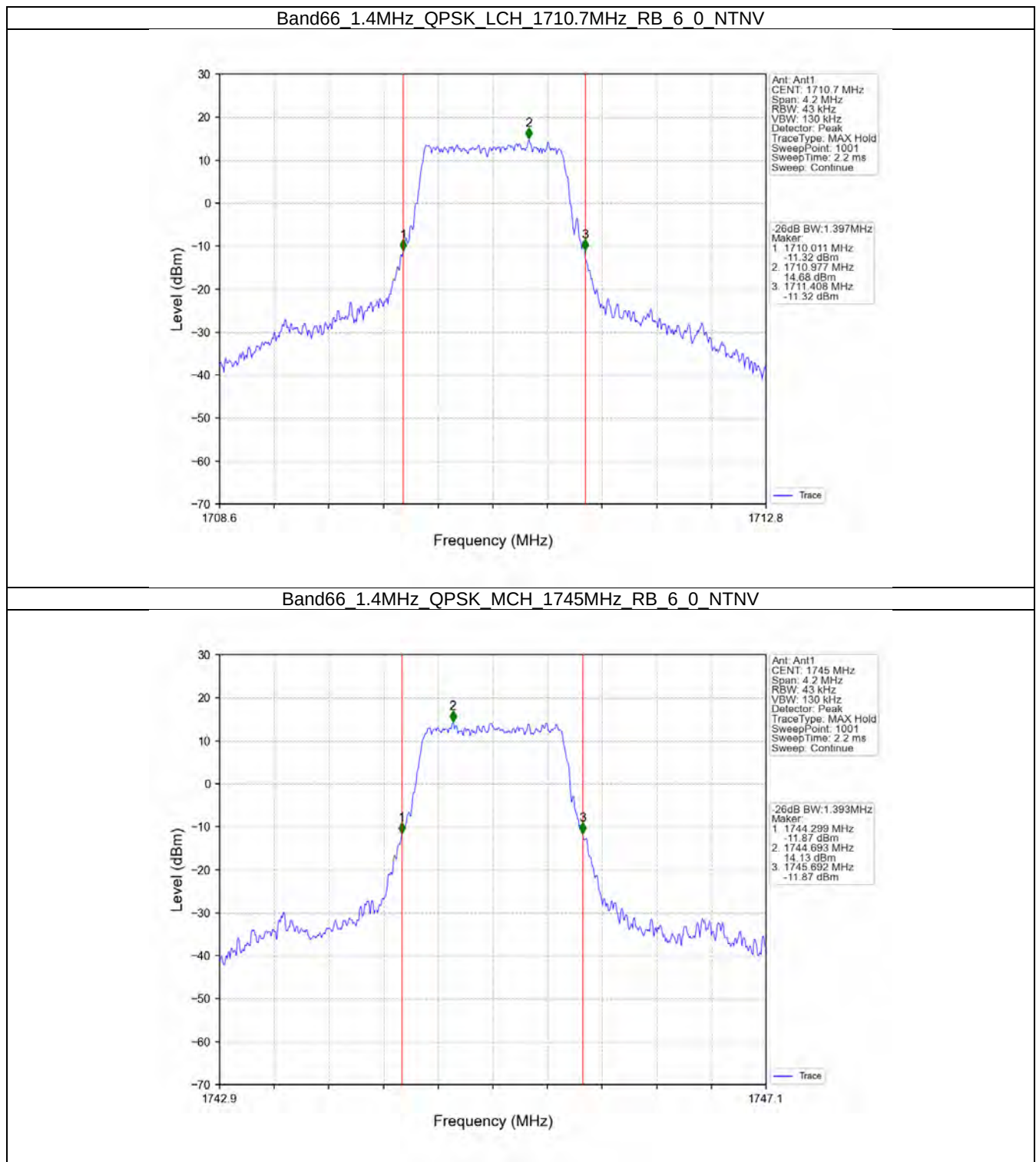
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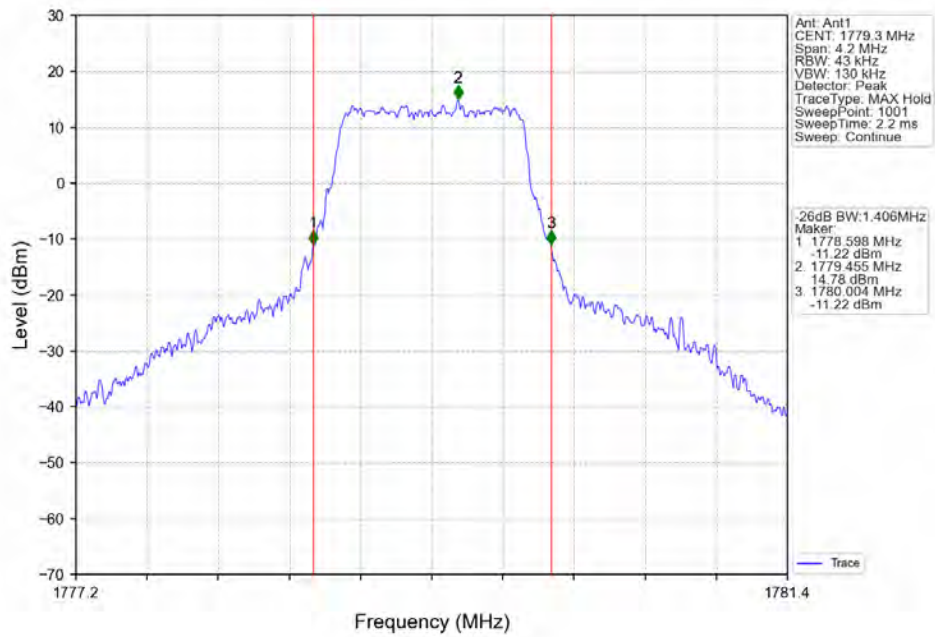
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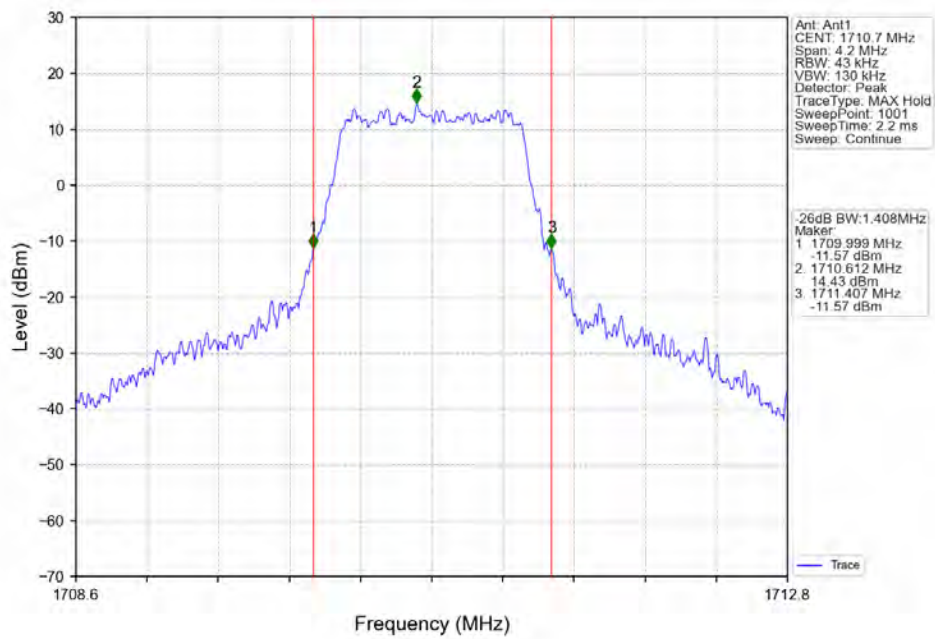
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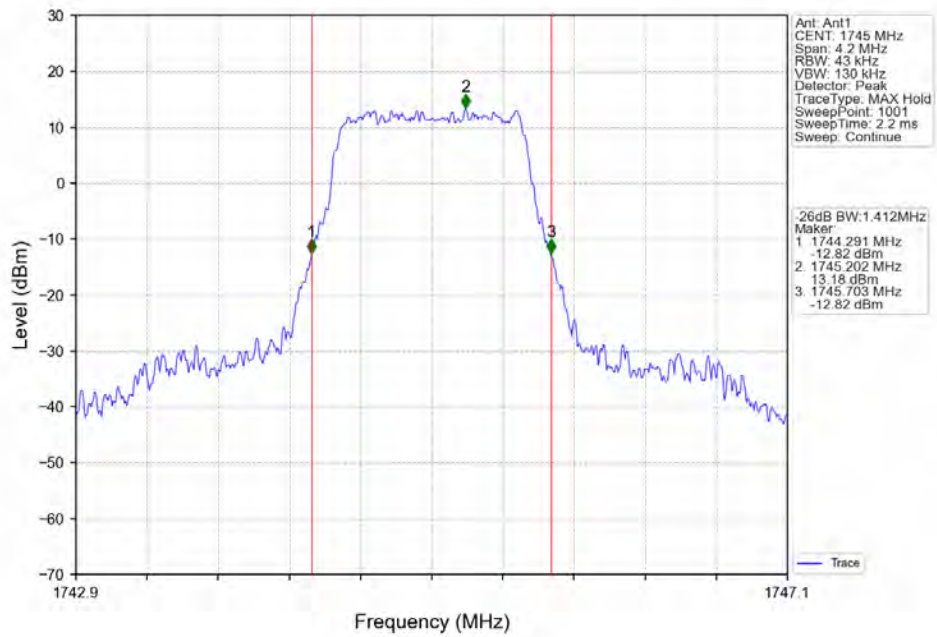
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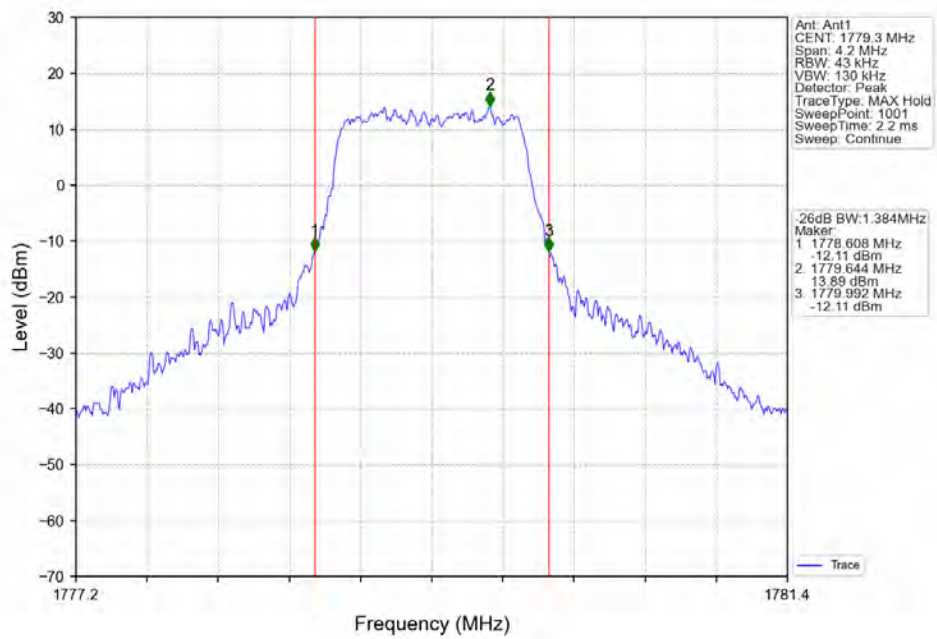
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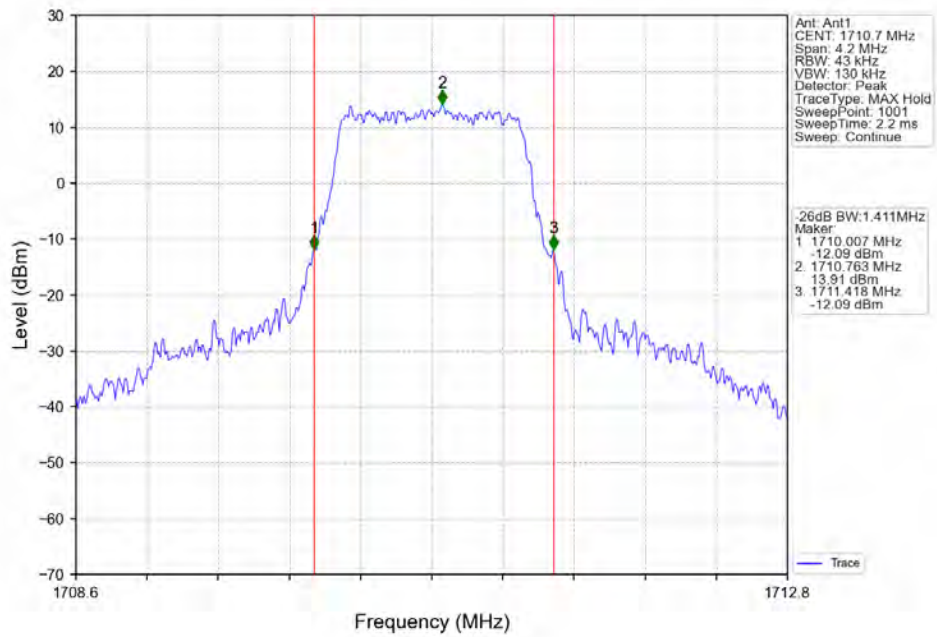
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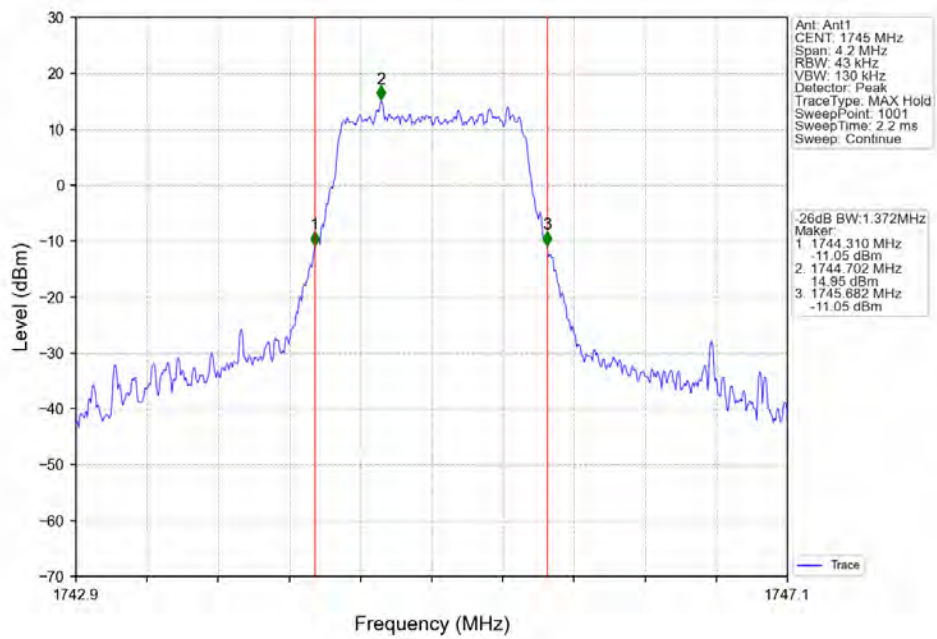
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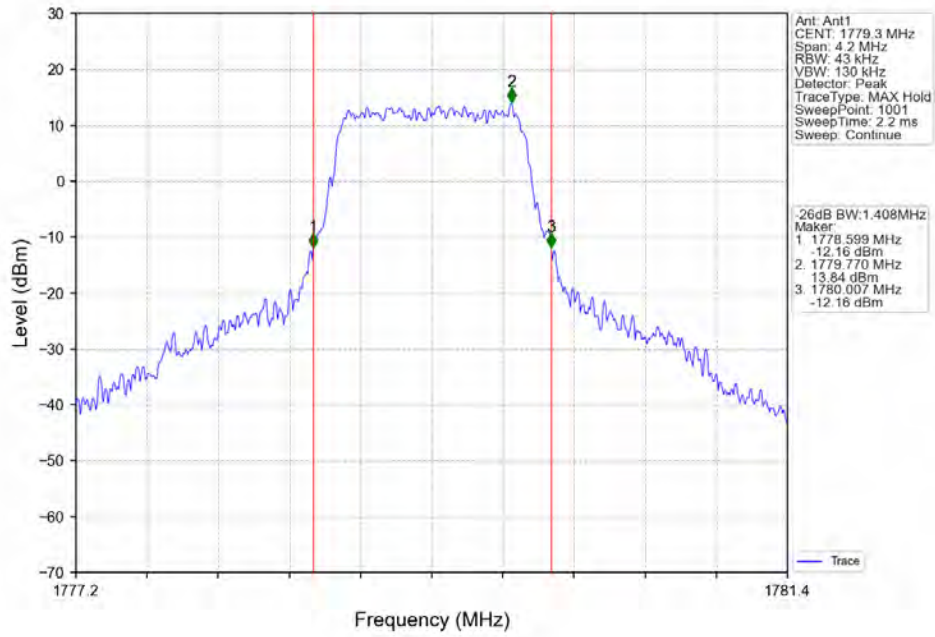
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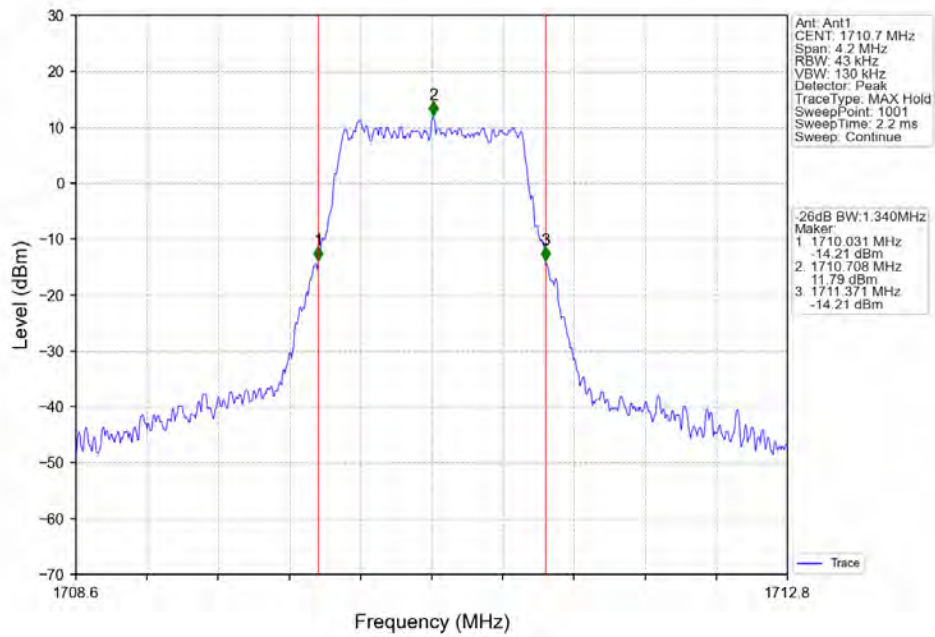
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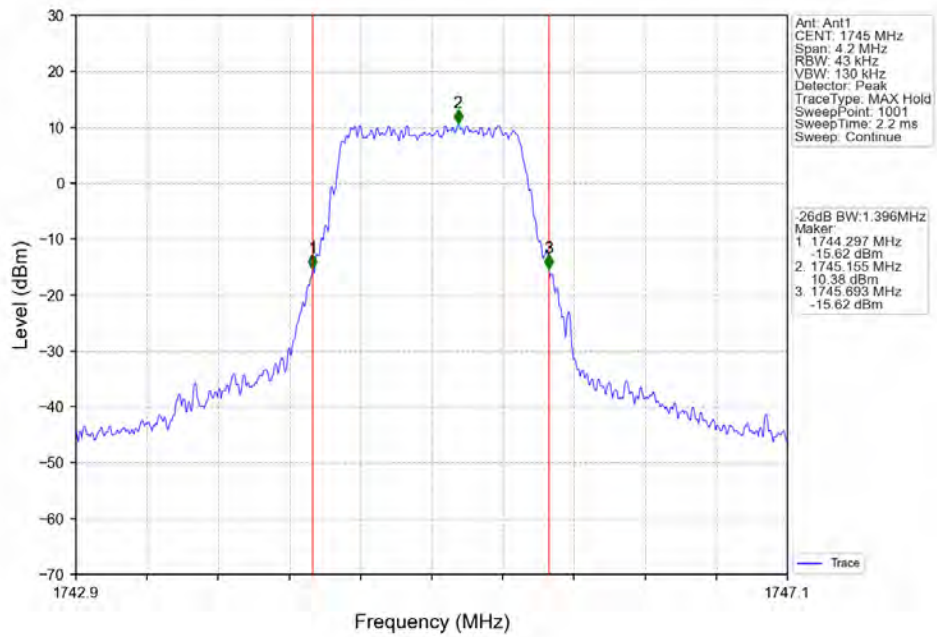
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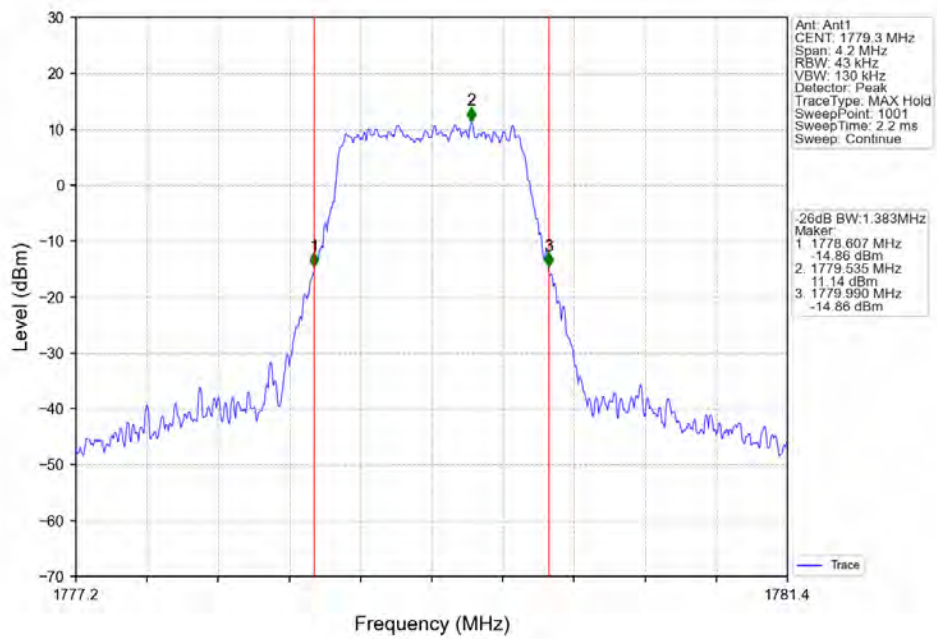
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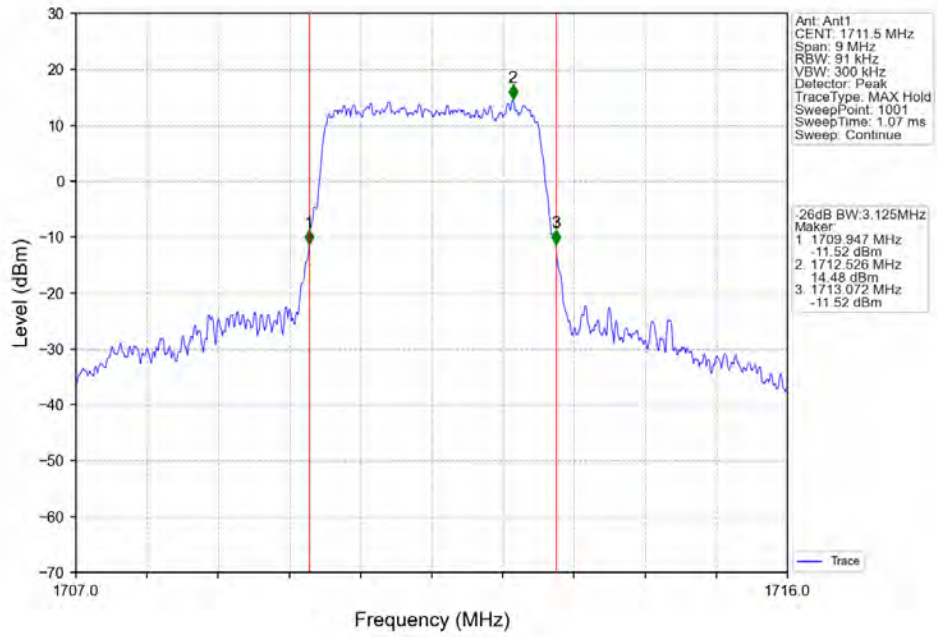
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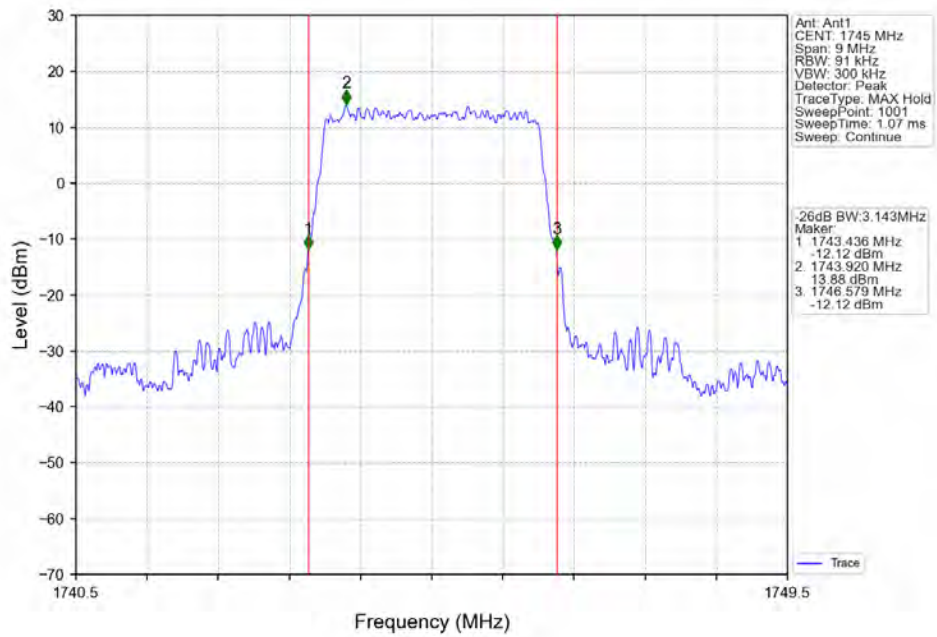
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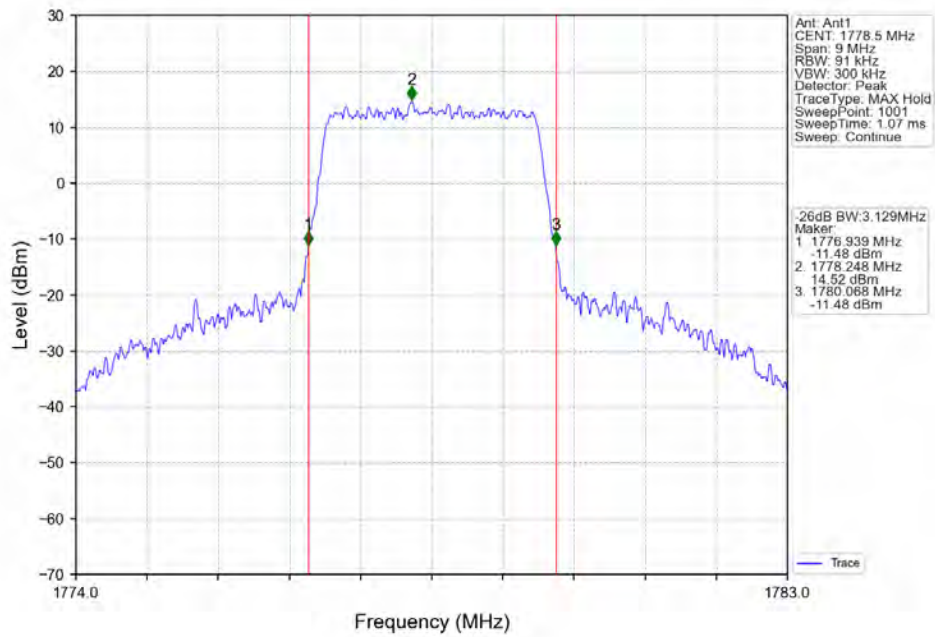
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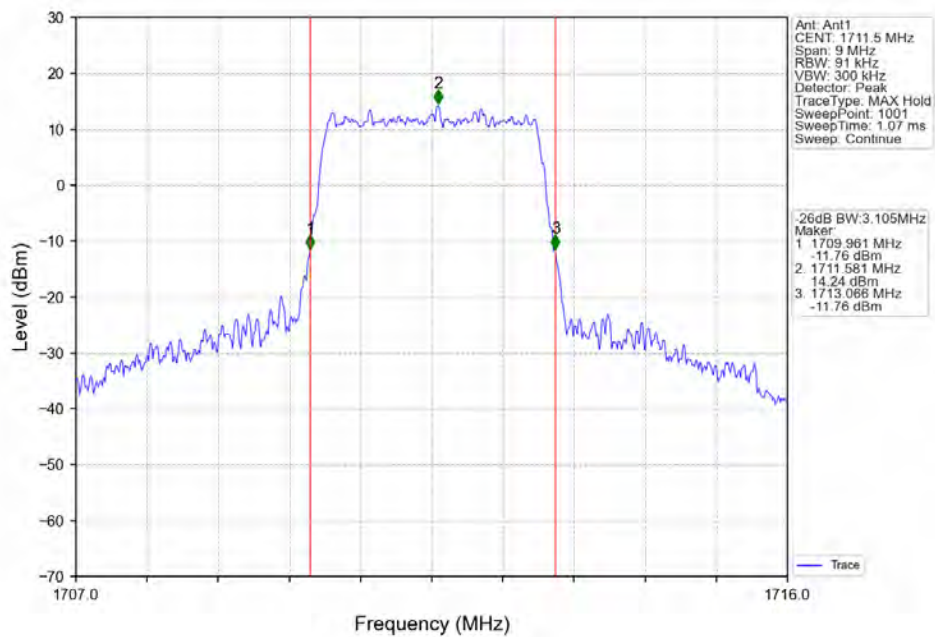
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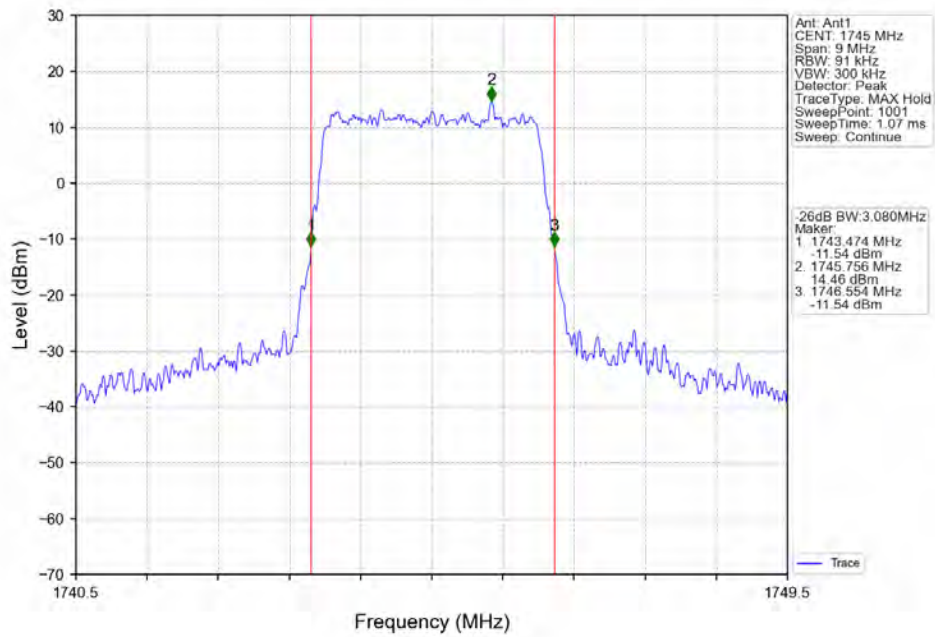
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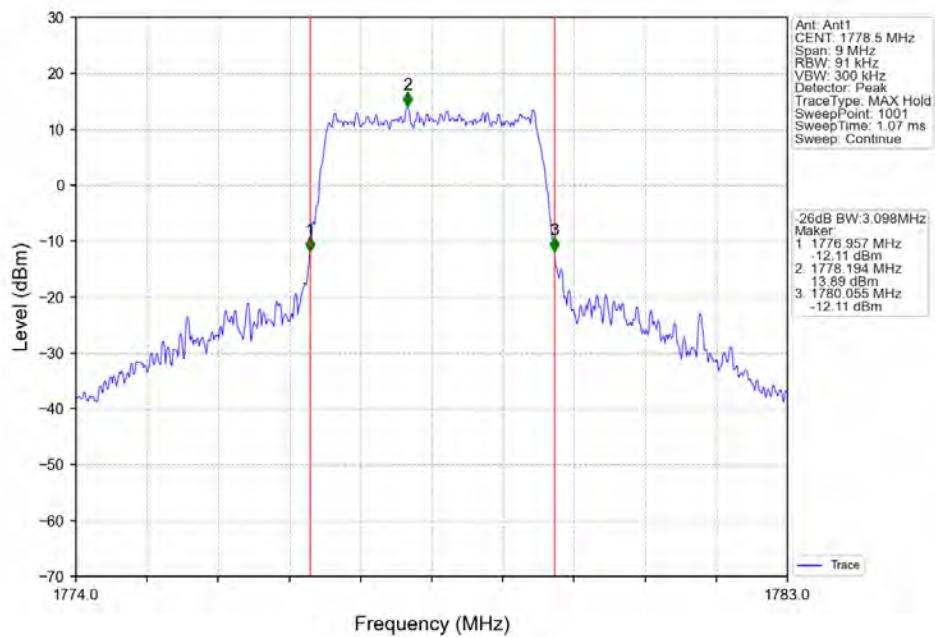
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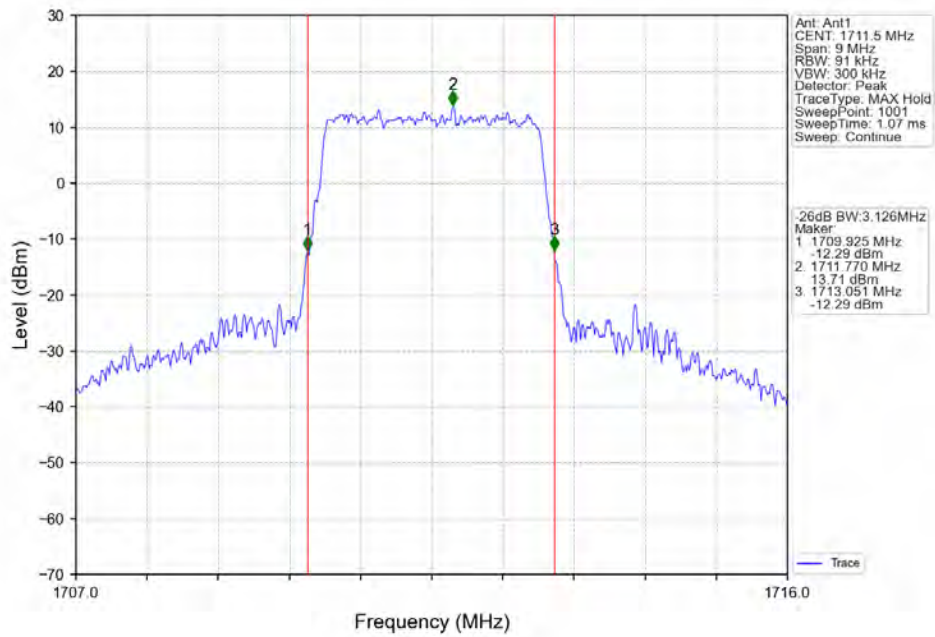
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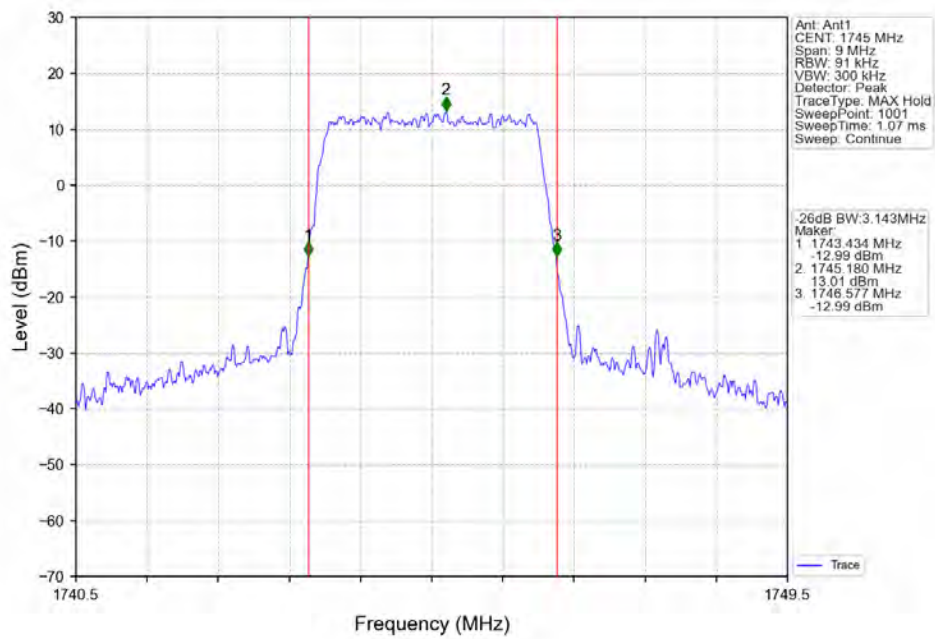
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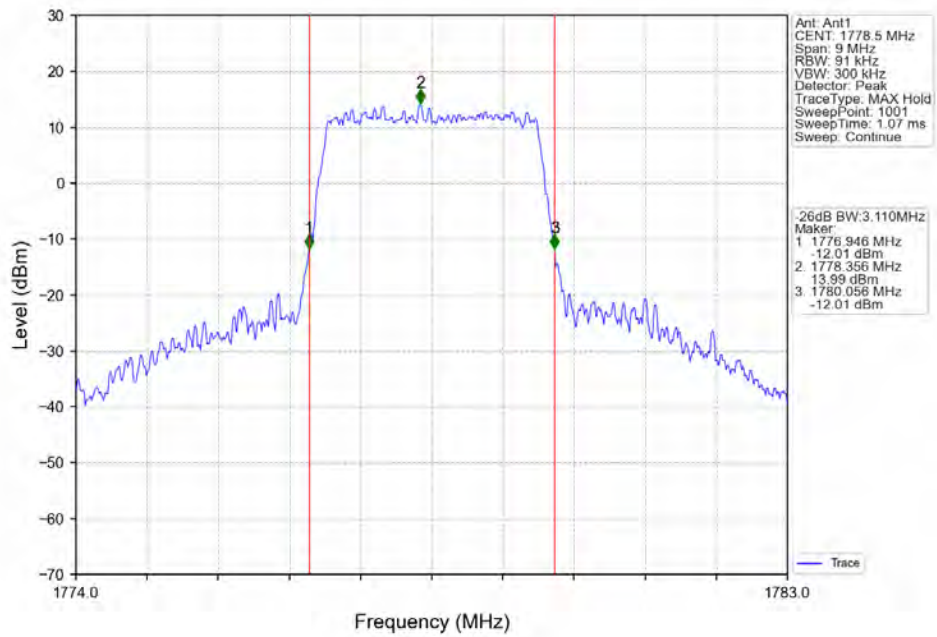
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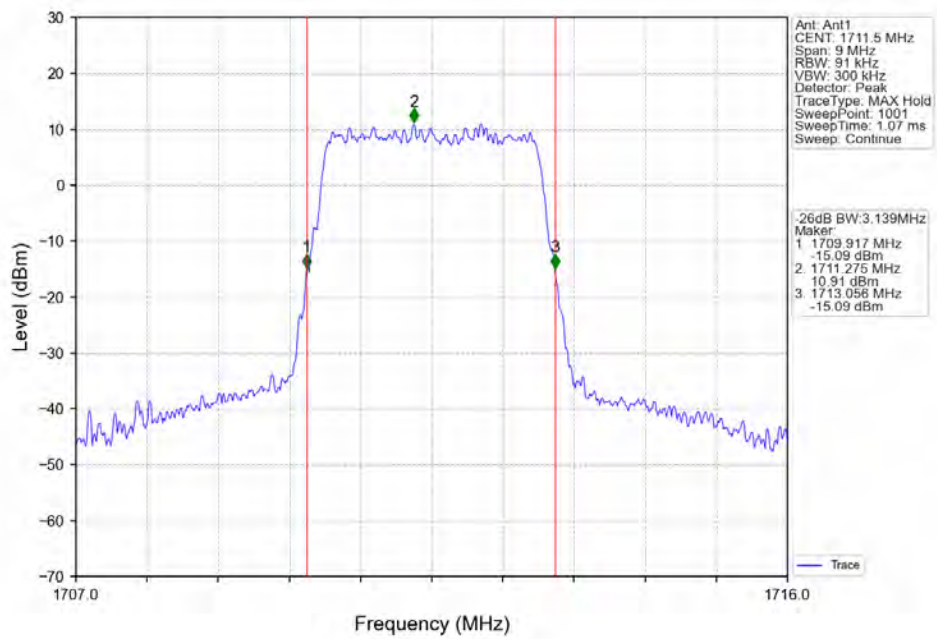
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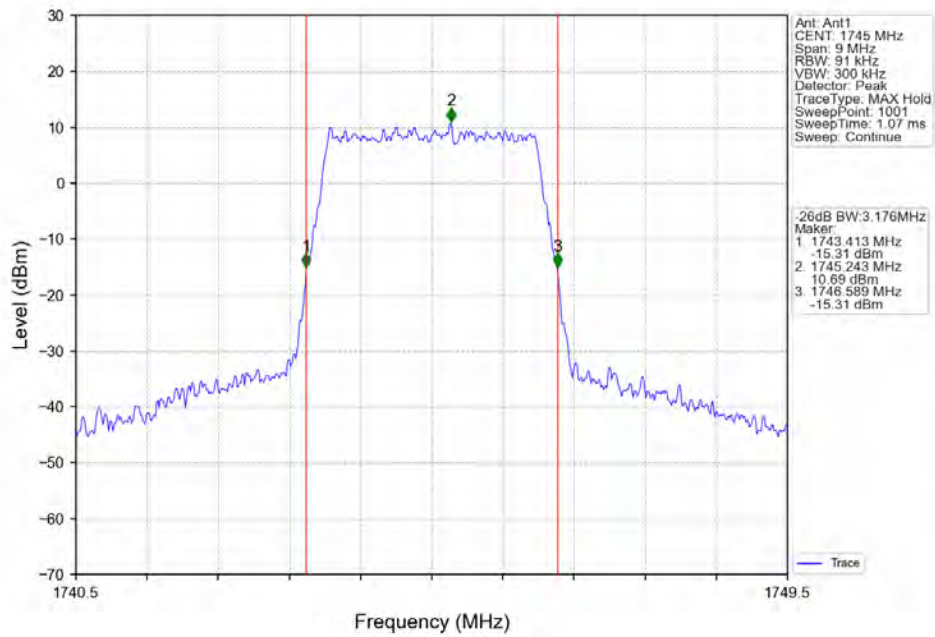
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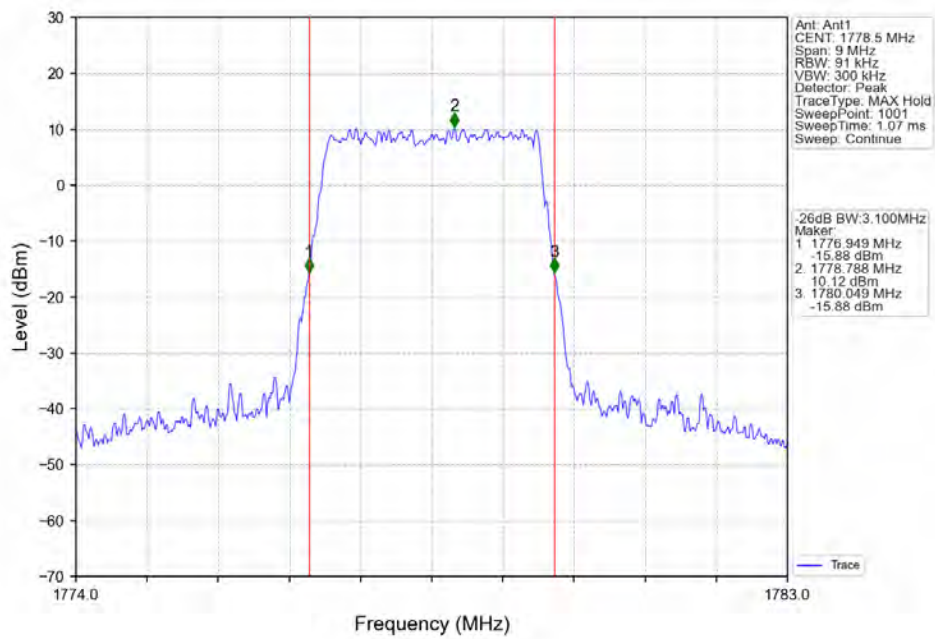
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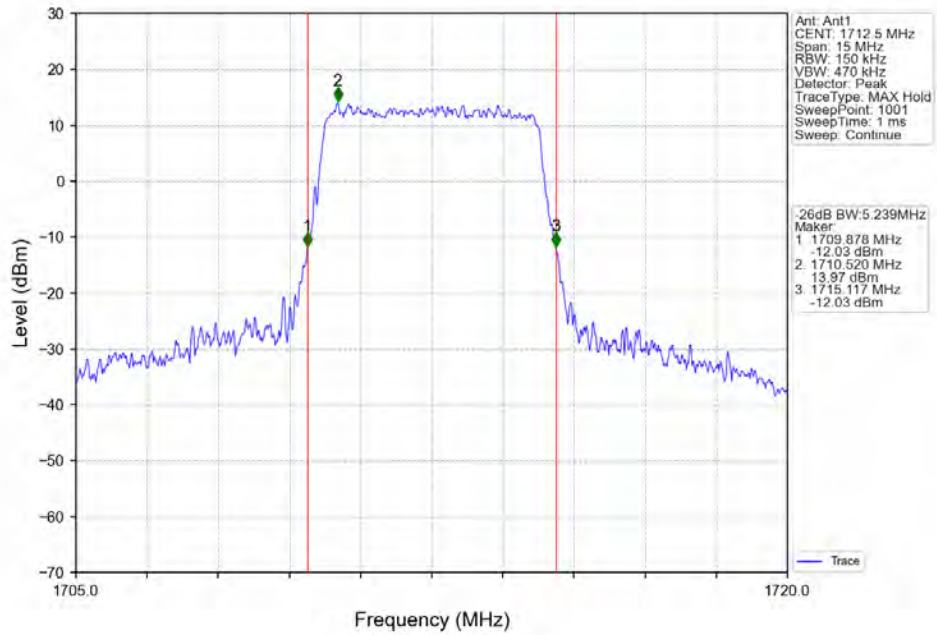
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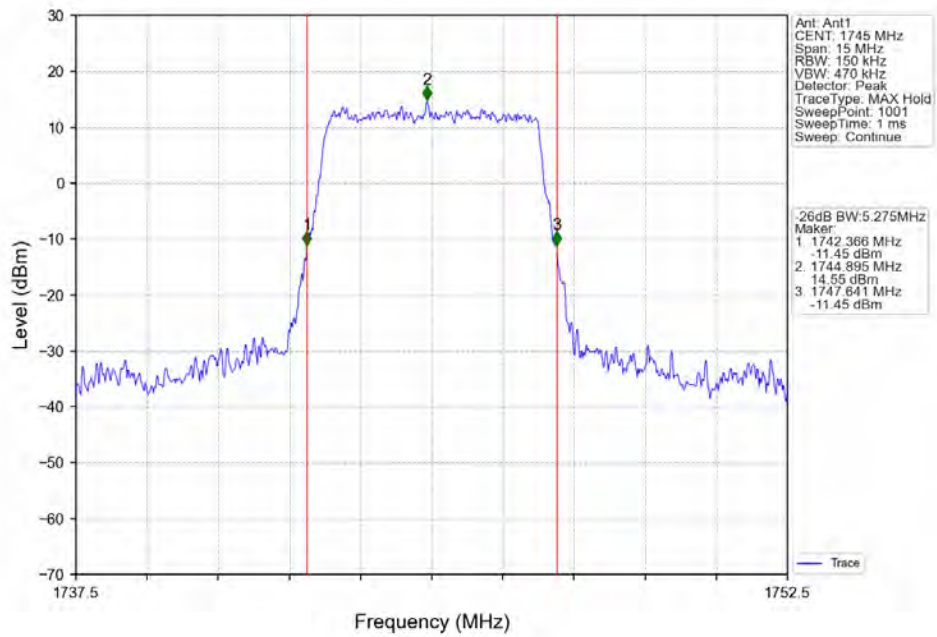
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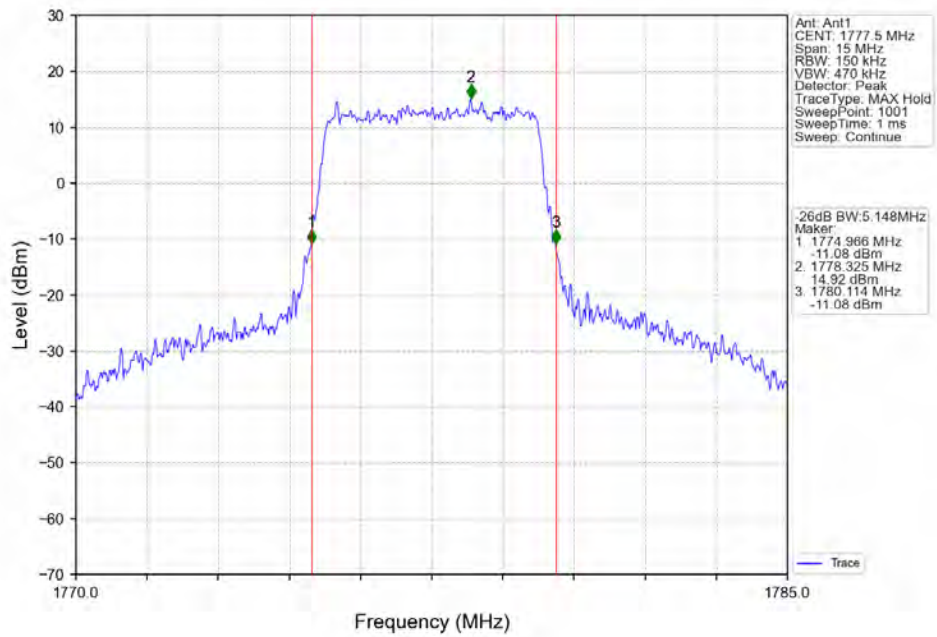
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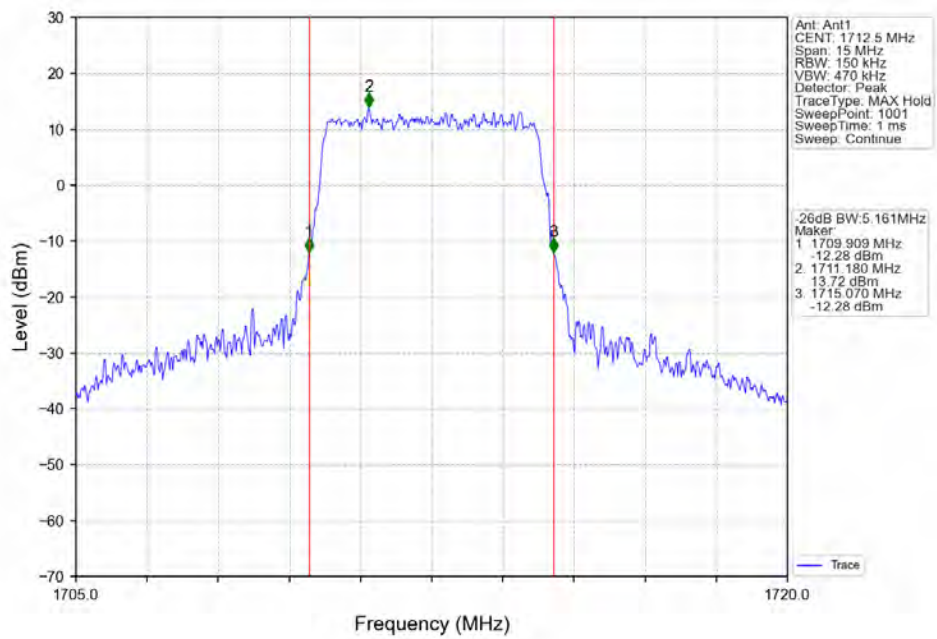
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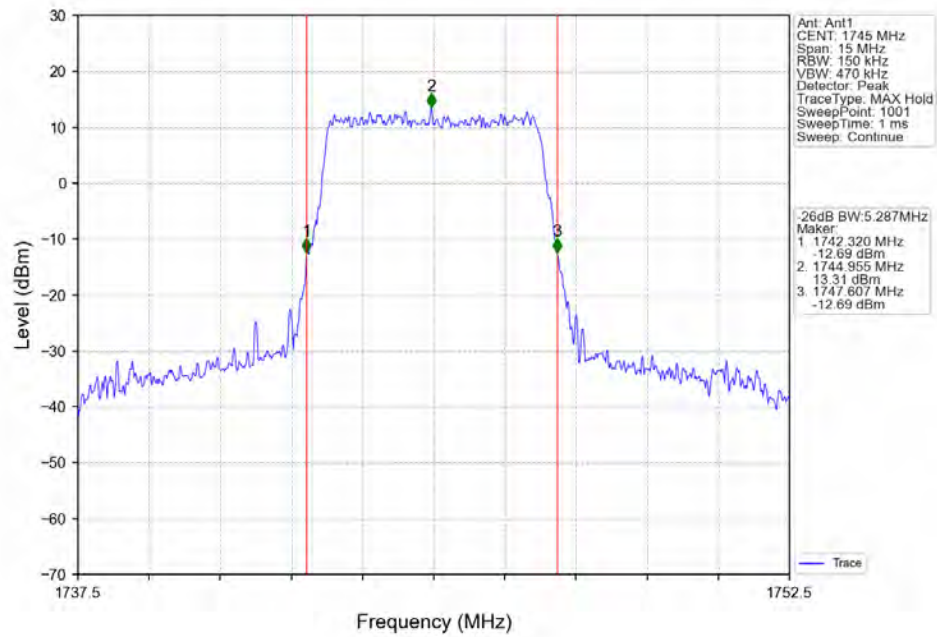
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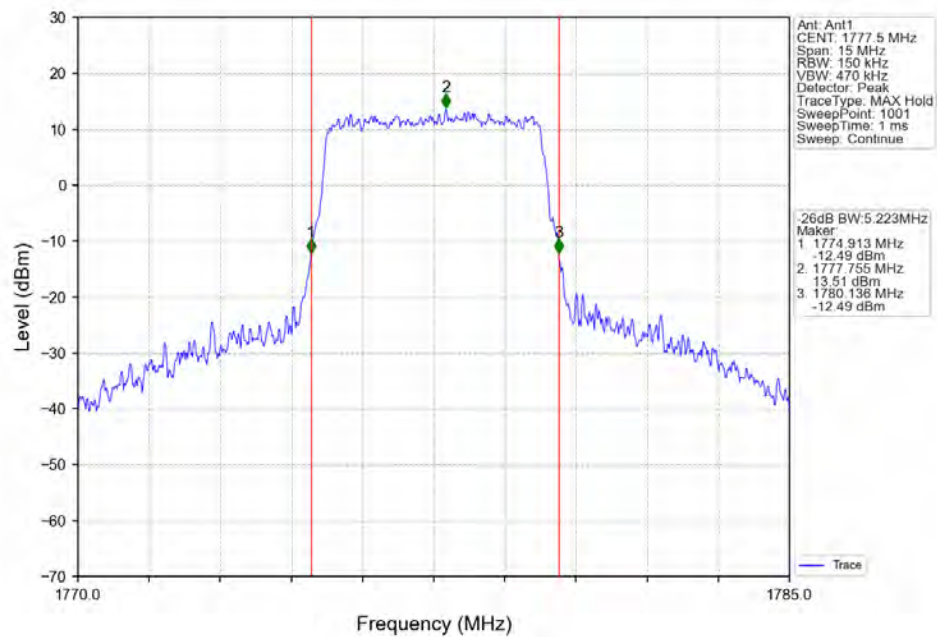
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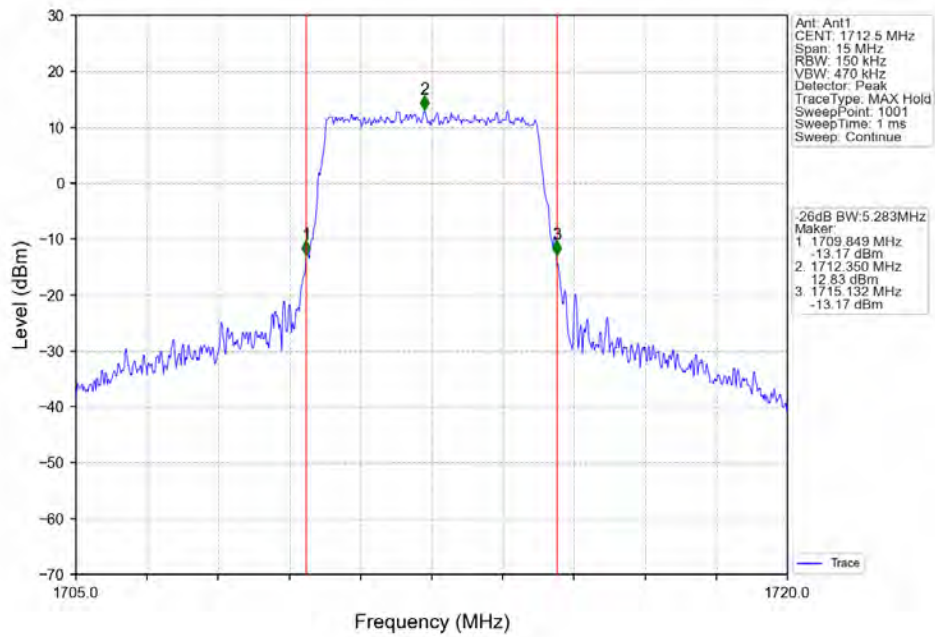
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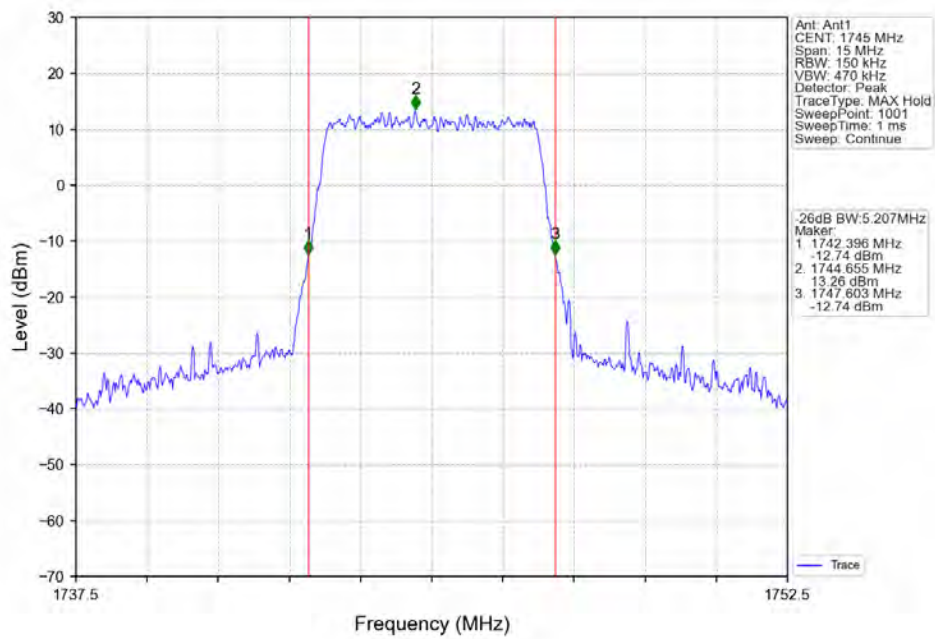
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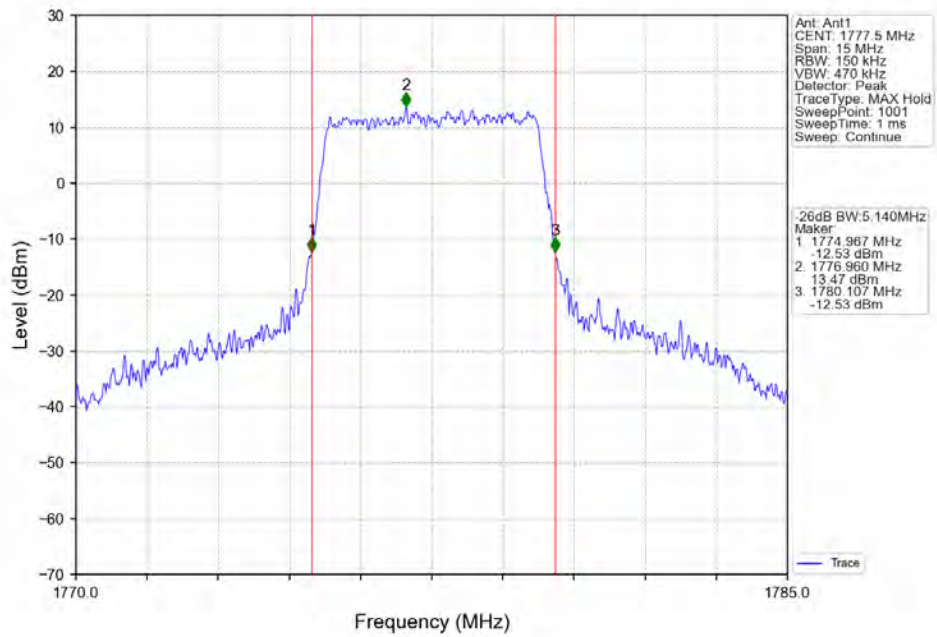
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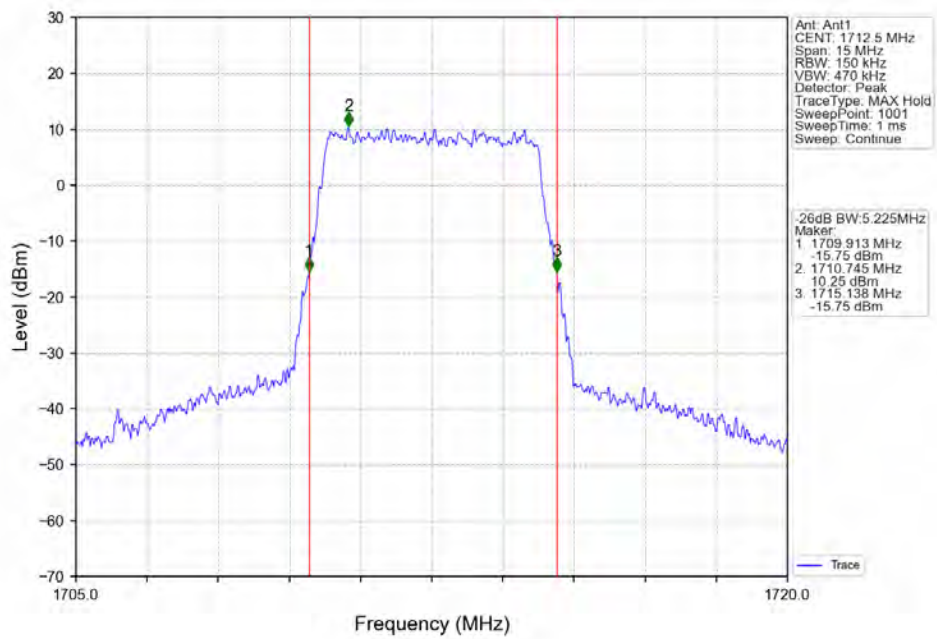
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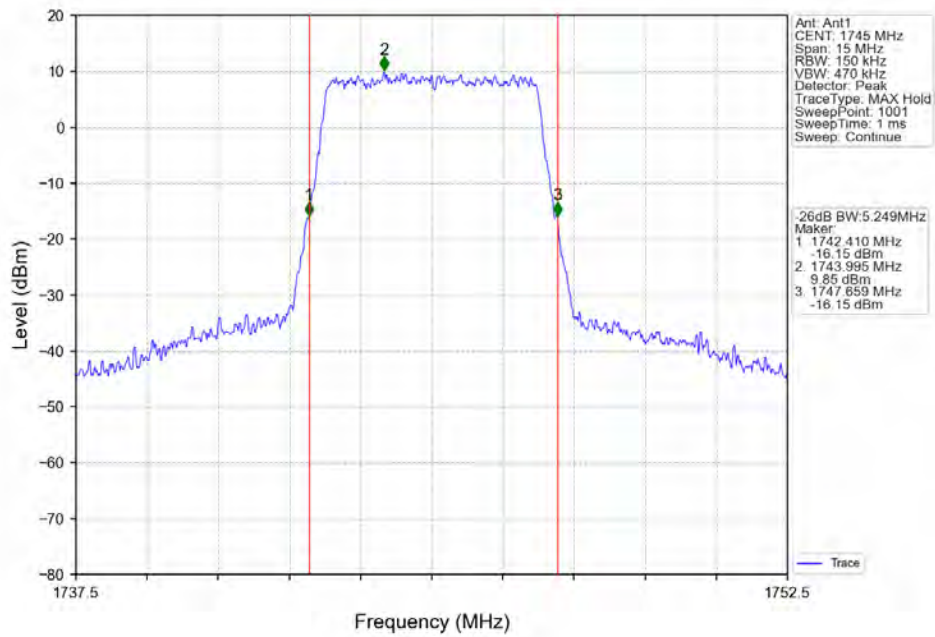
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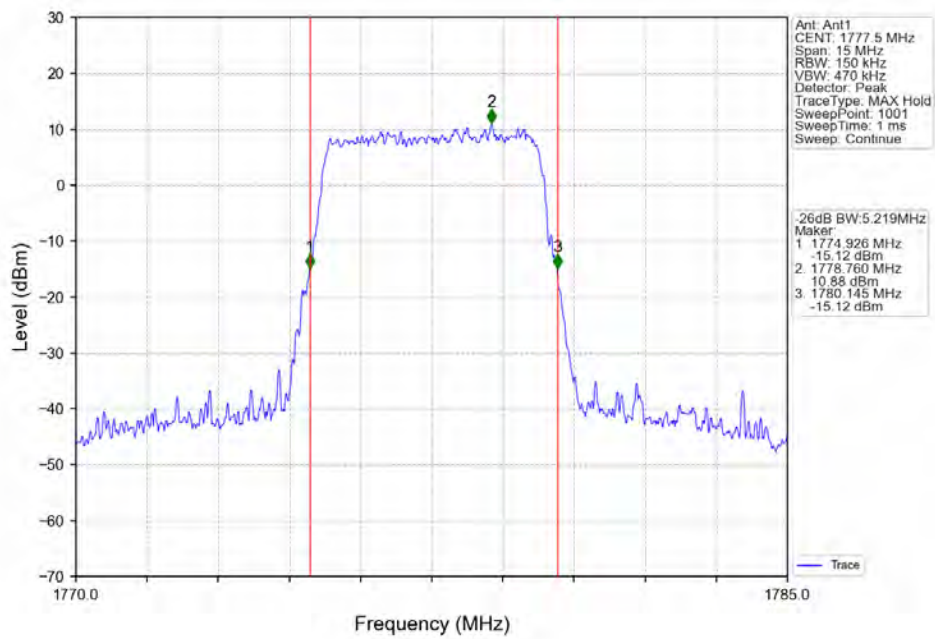
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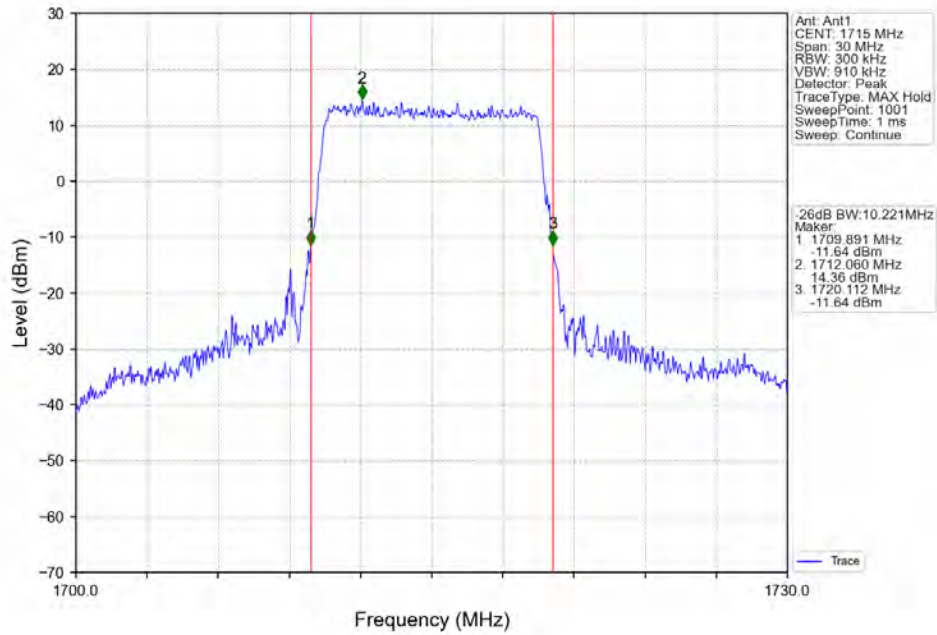
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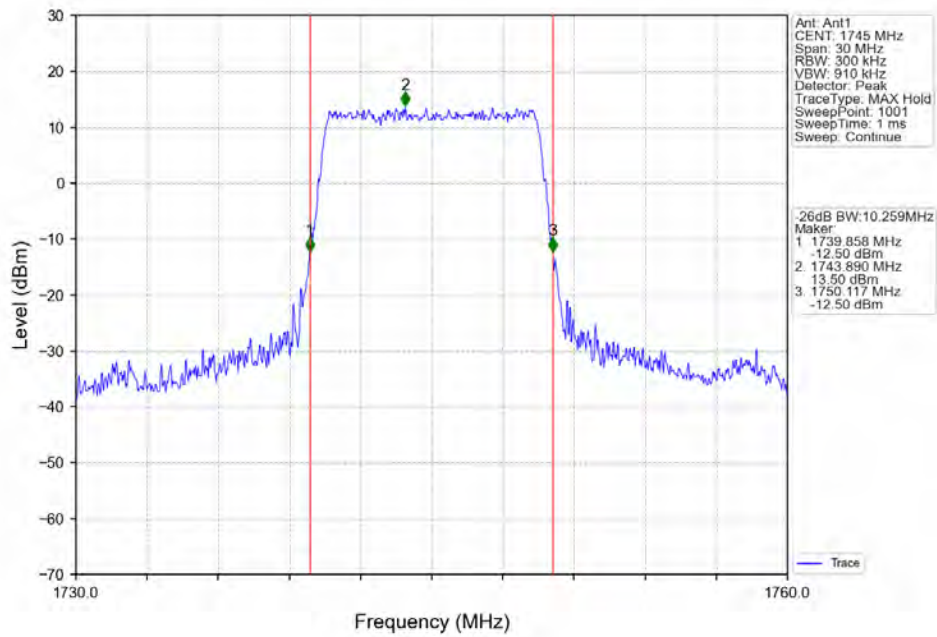
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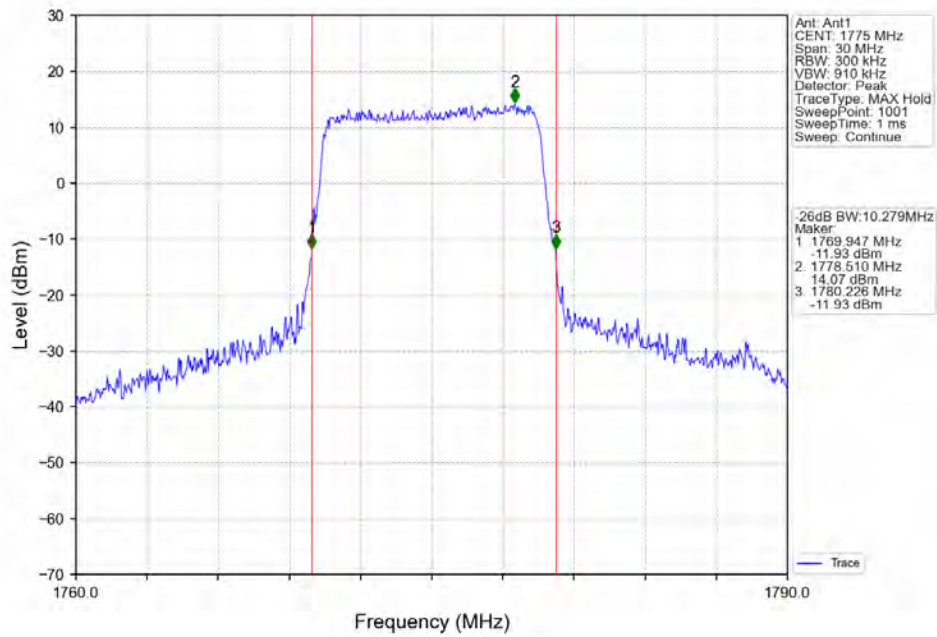
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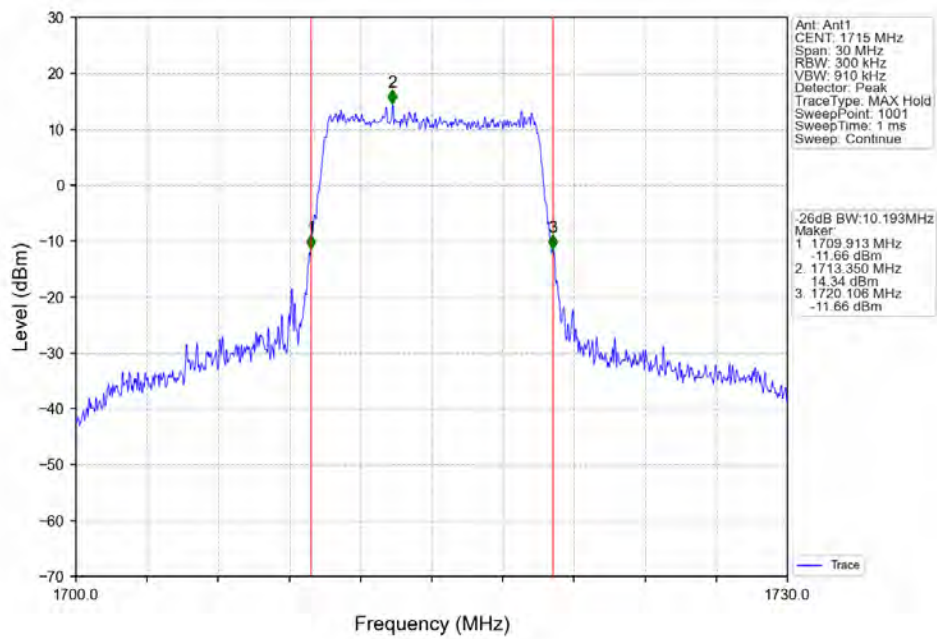
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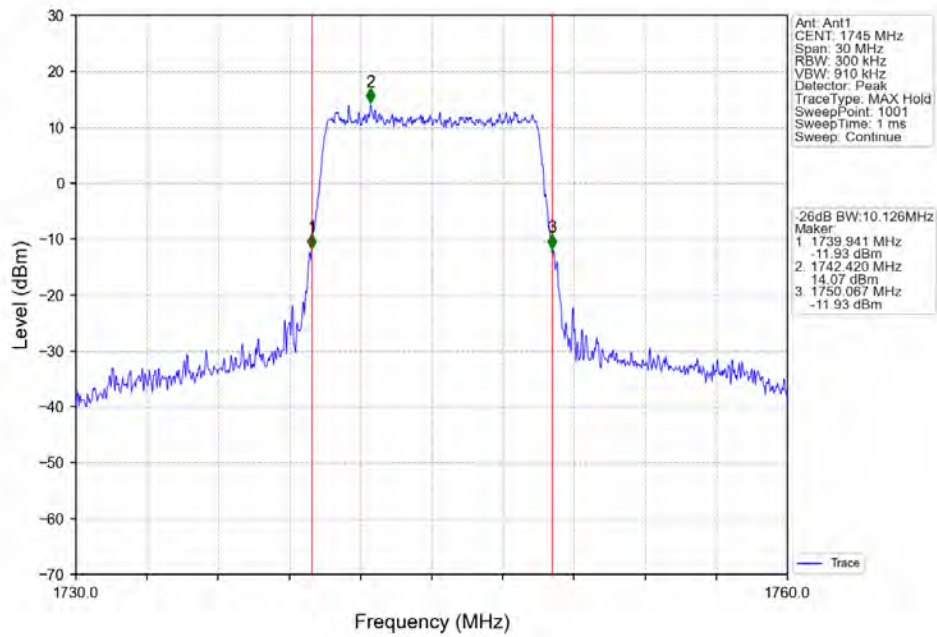
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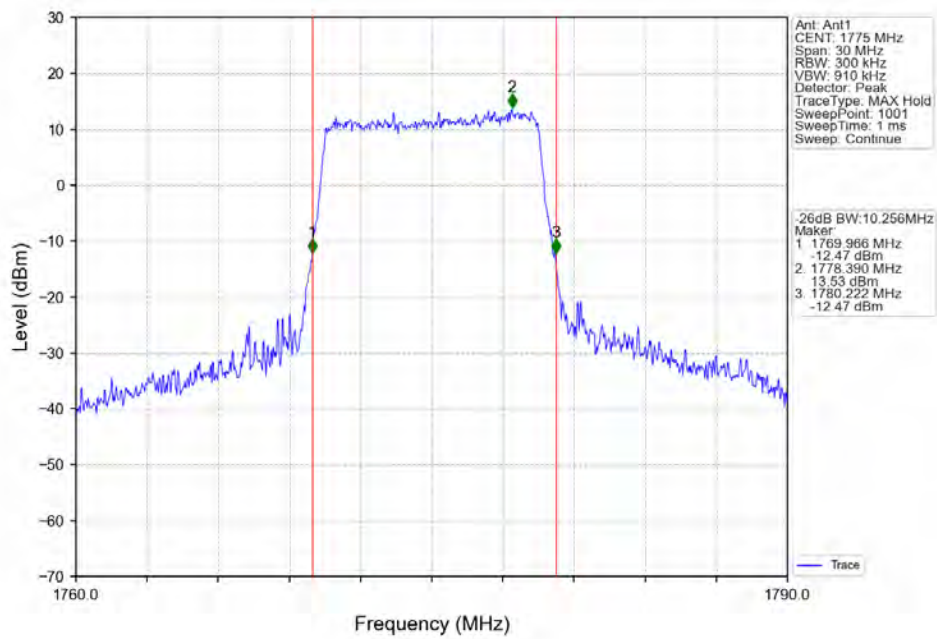
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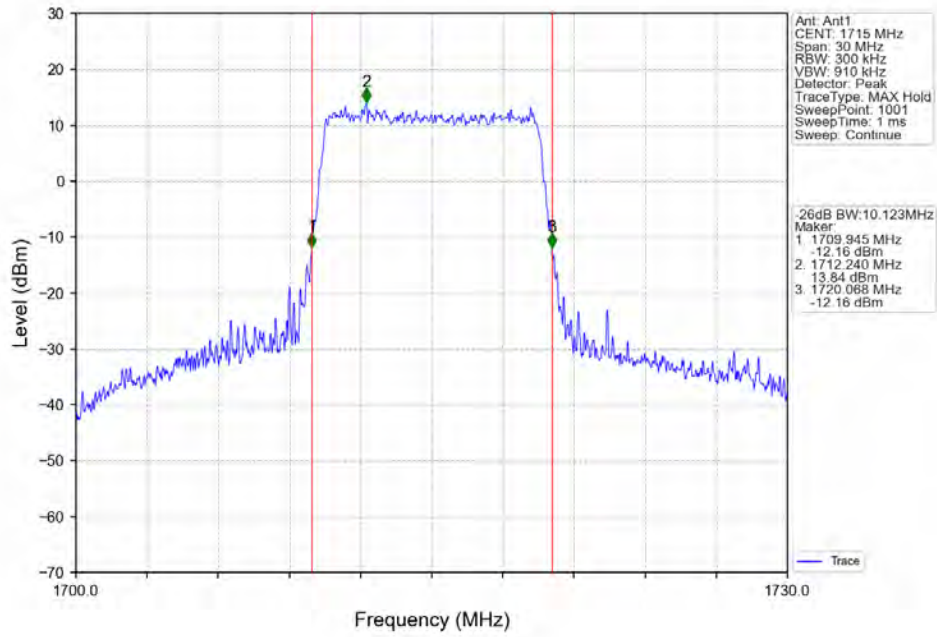
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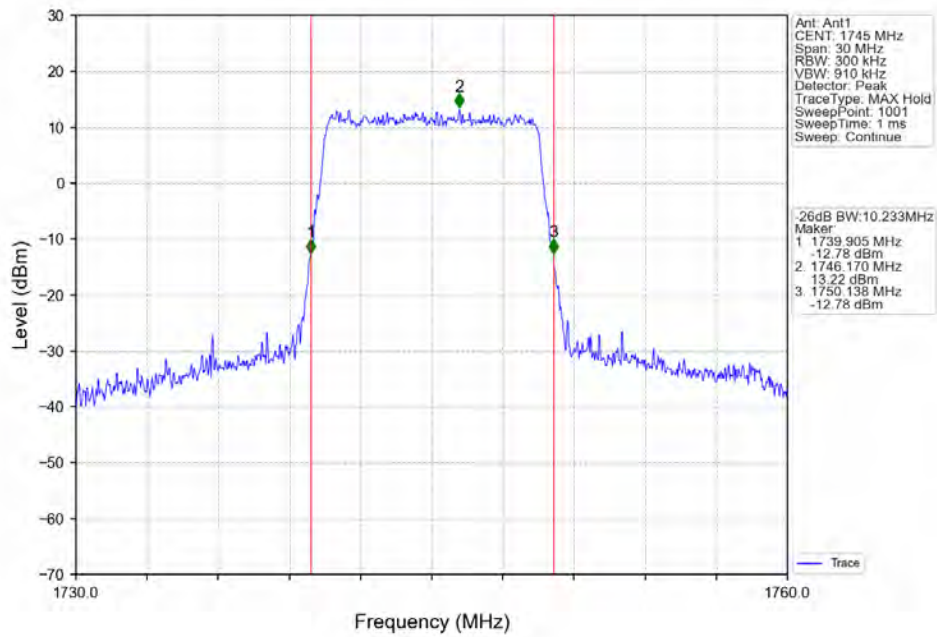
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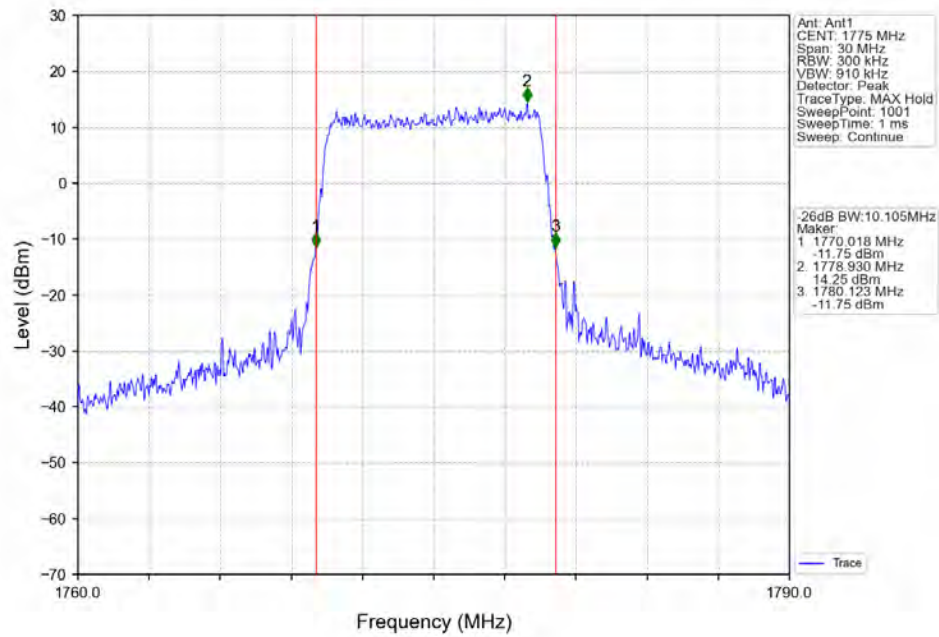
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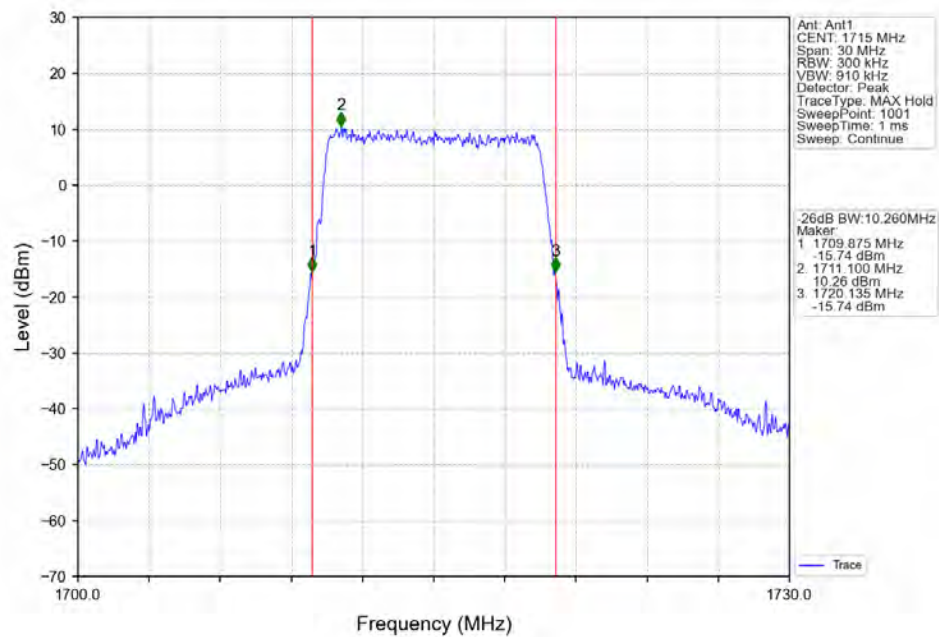
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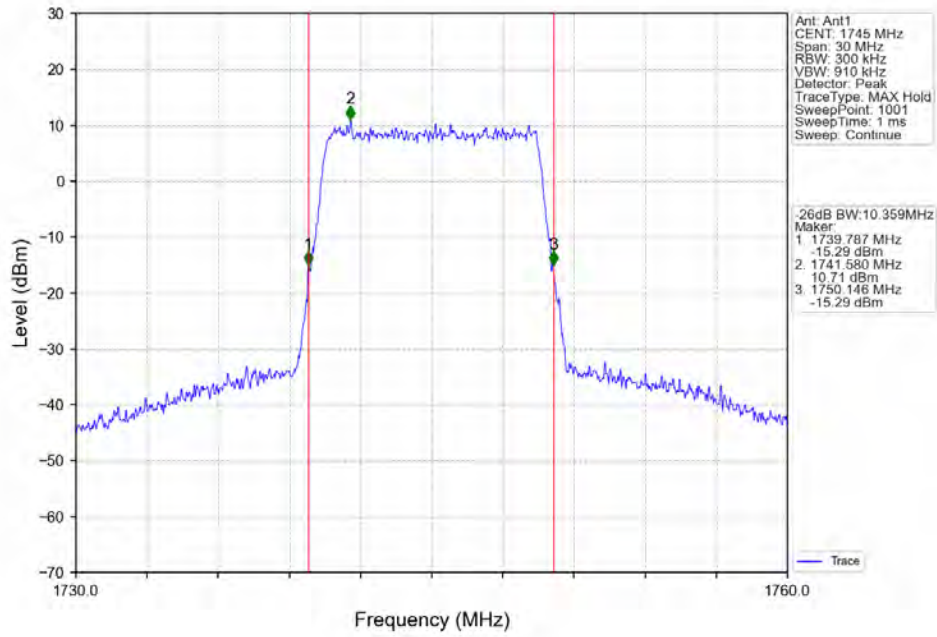
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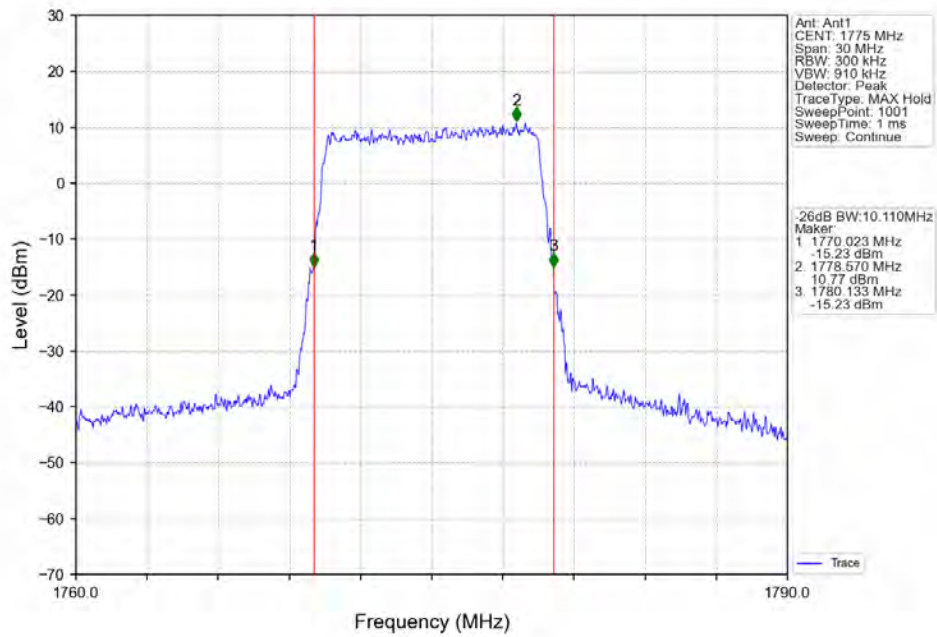
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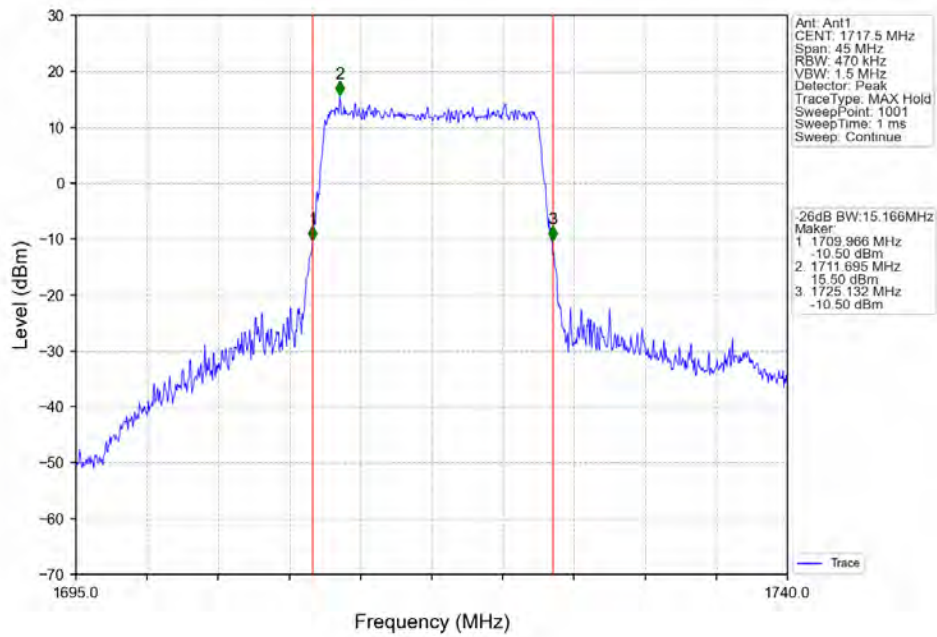
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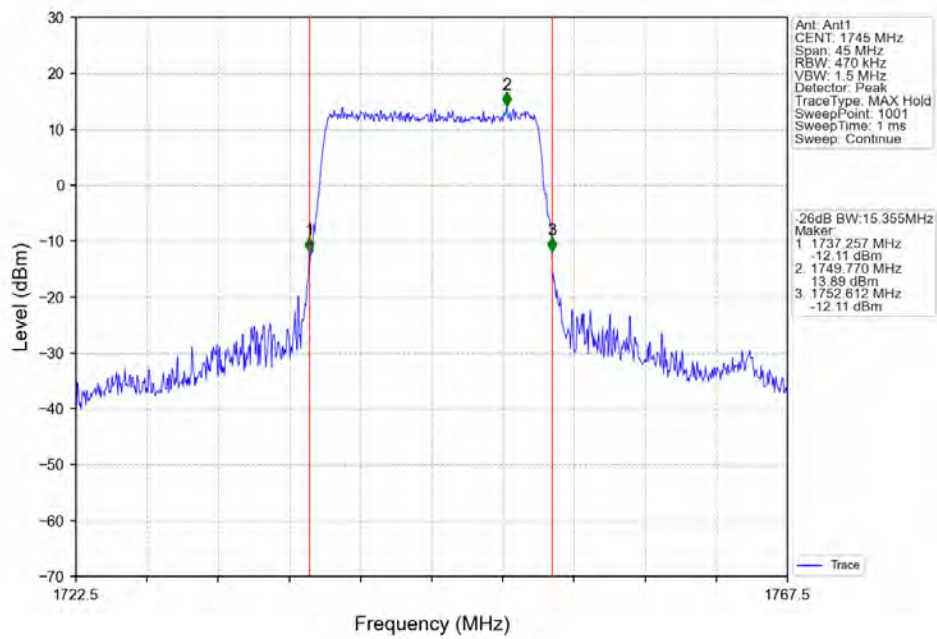
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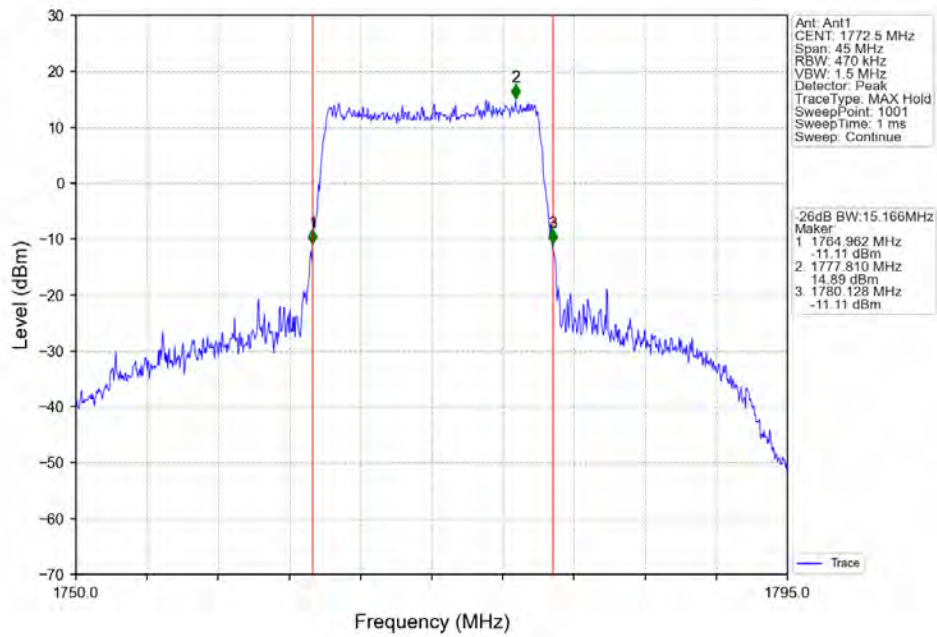
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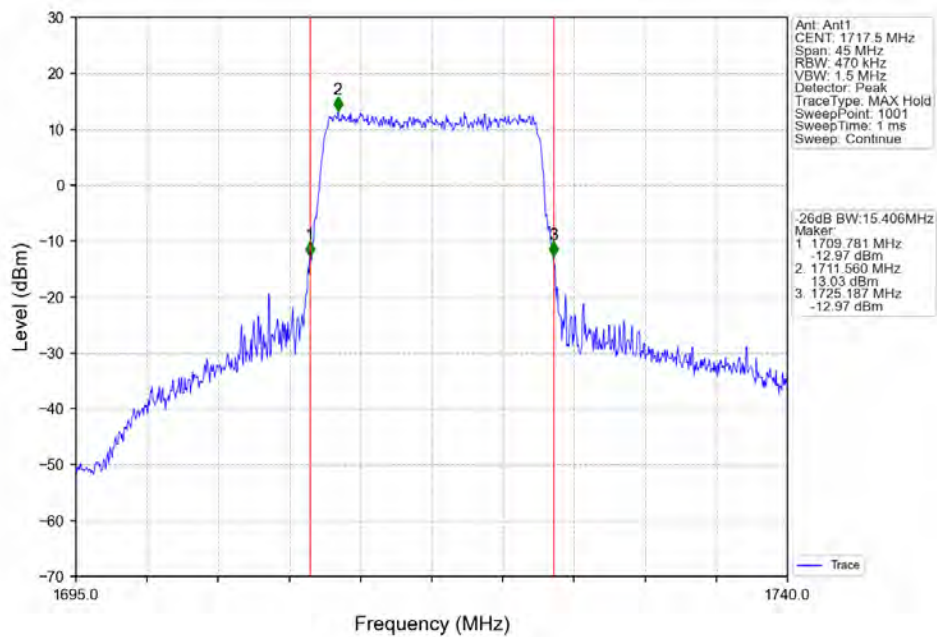
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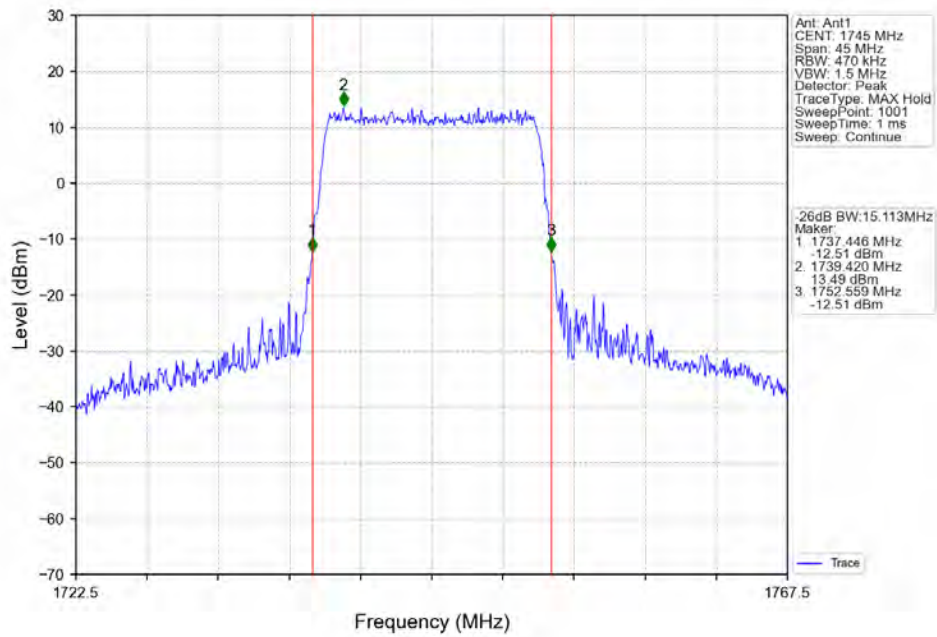
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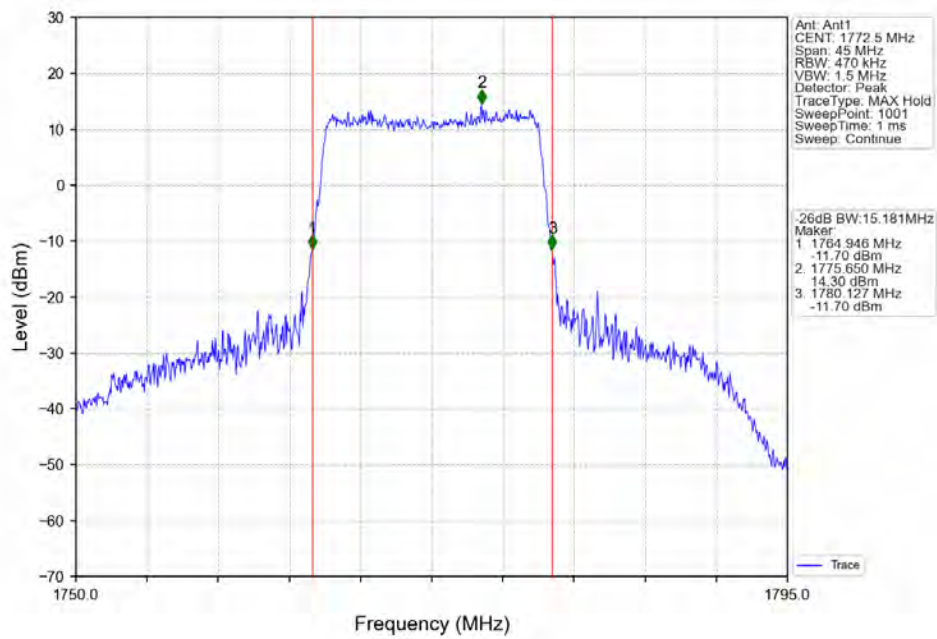
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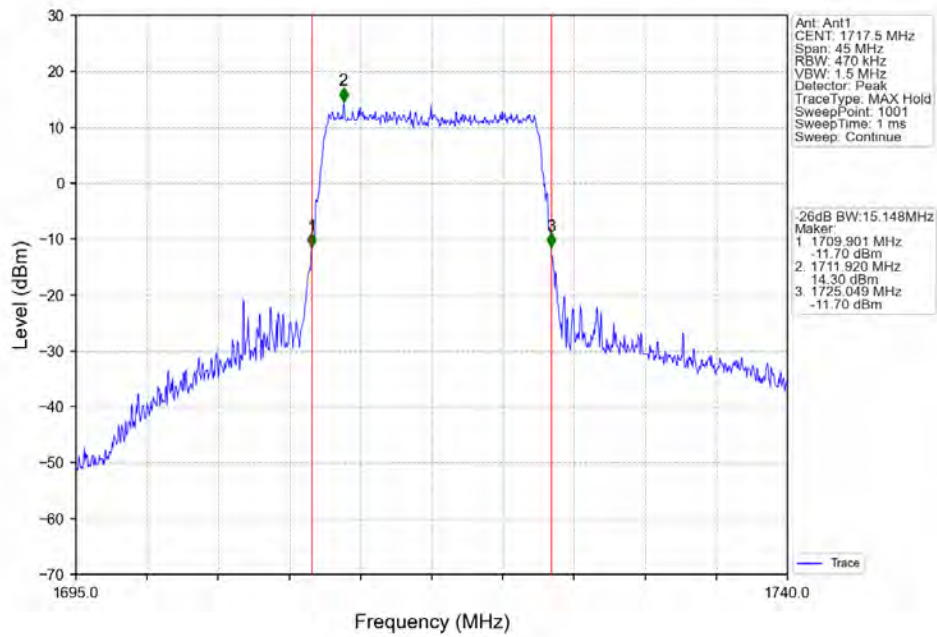
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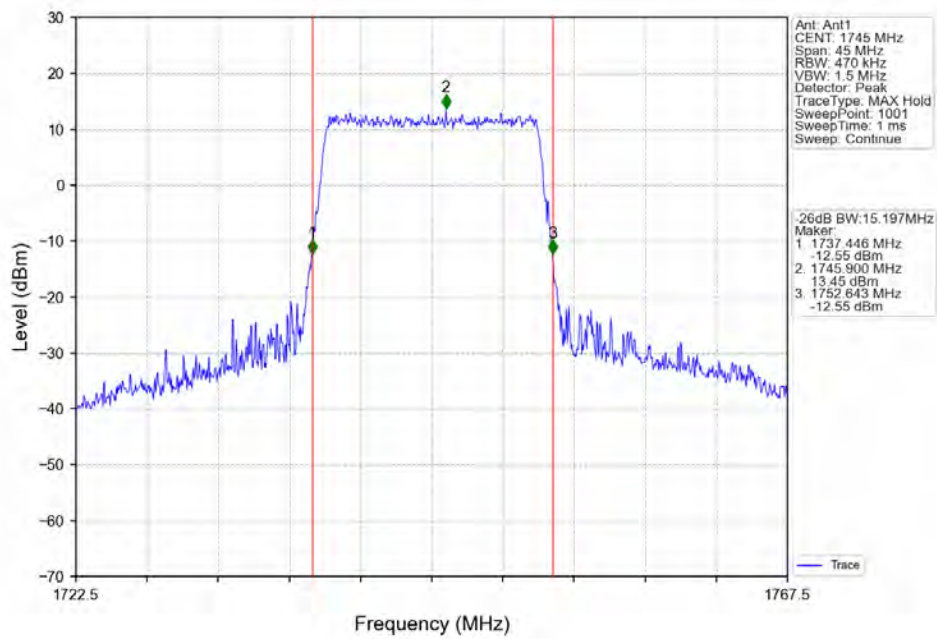
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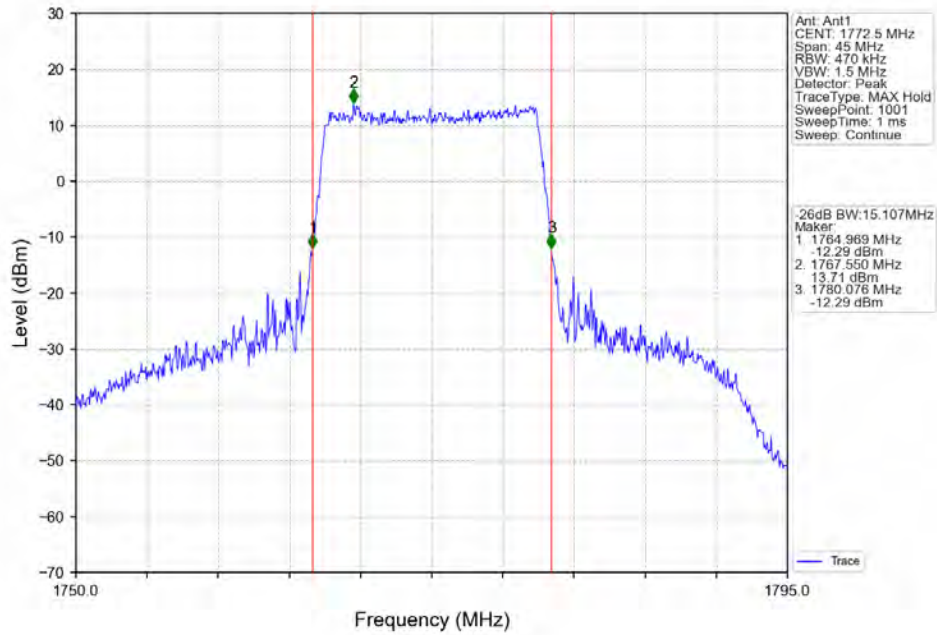
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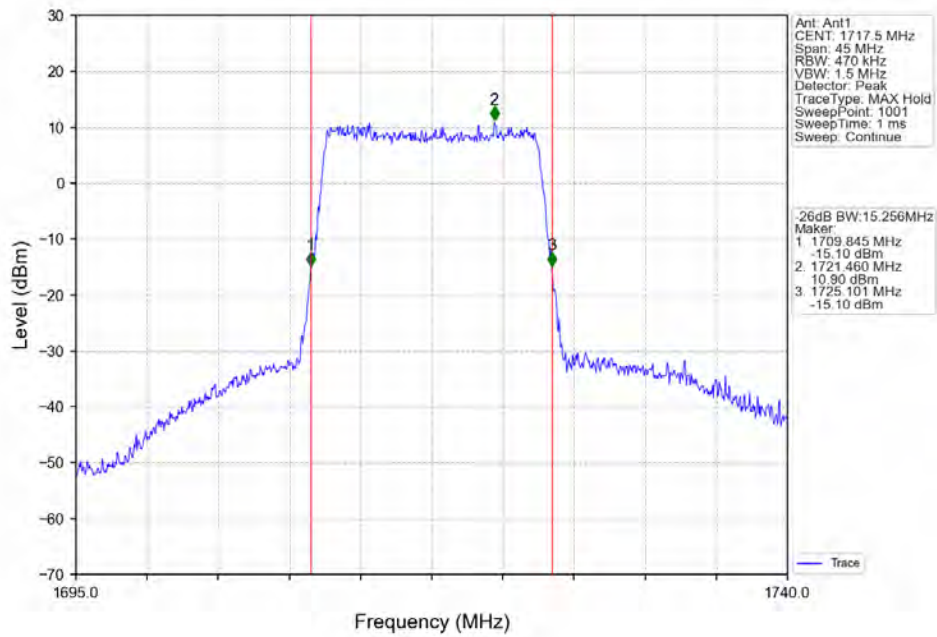
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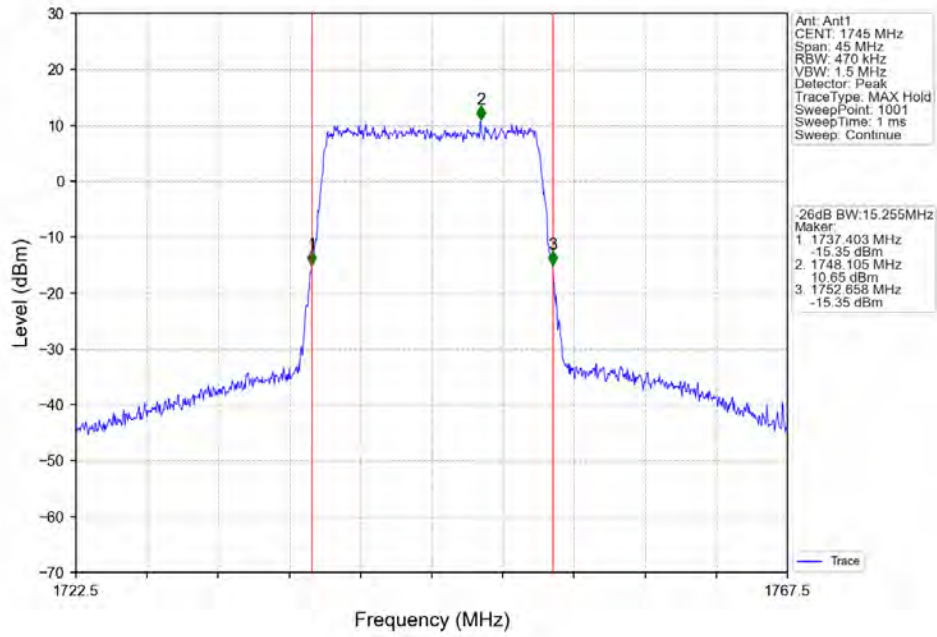
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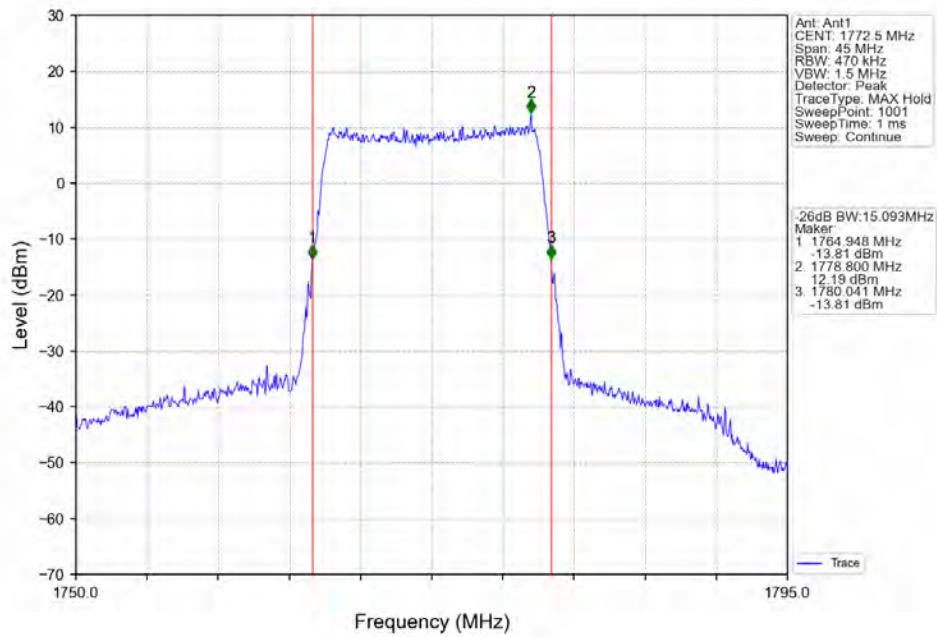
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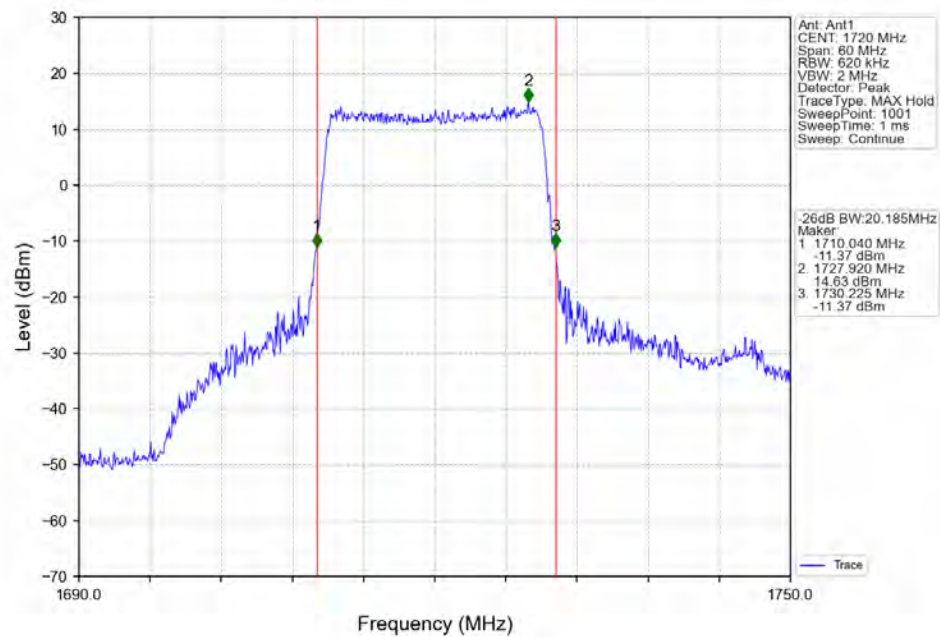
Band66 15MHz 256QAM MCH 1745MHz RB 75 0 NTNV



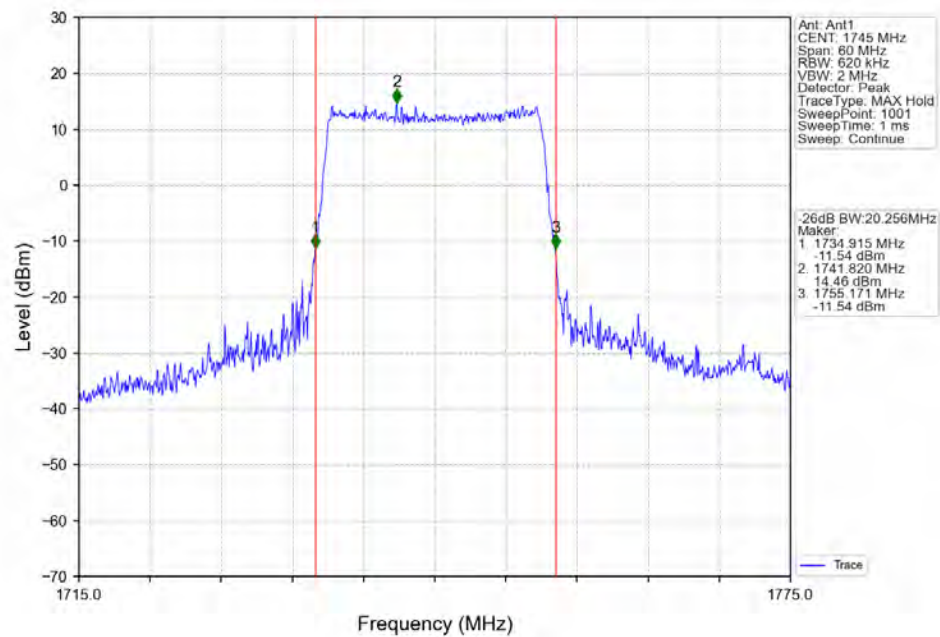
Band66 15MHz 256QAM HCH 1772.5MHz RB 75 0 NTNV



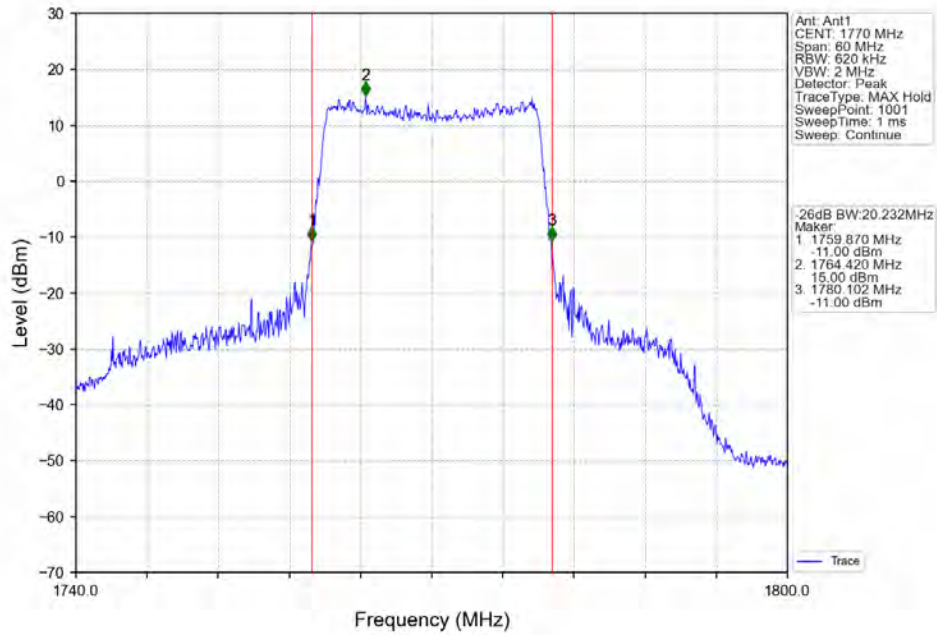
Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV



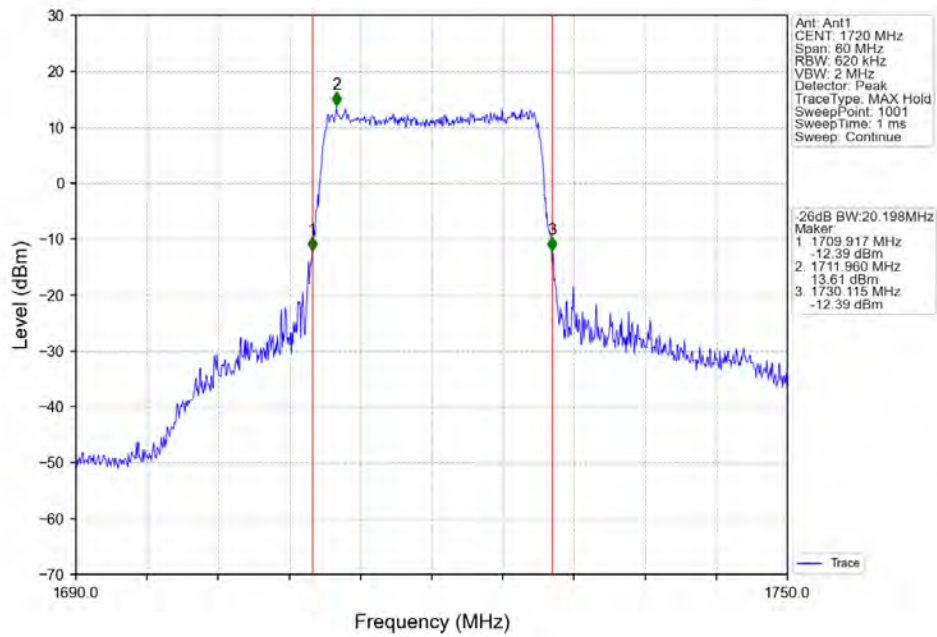
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



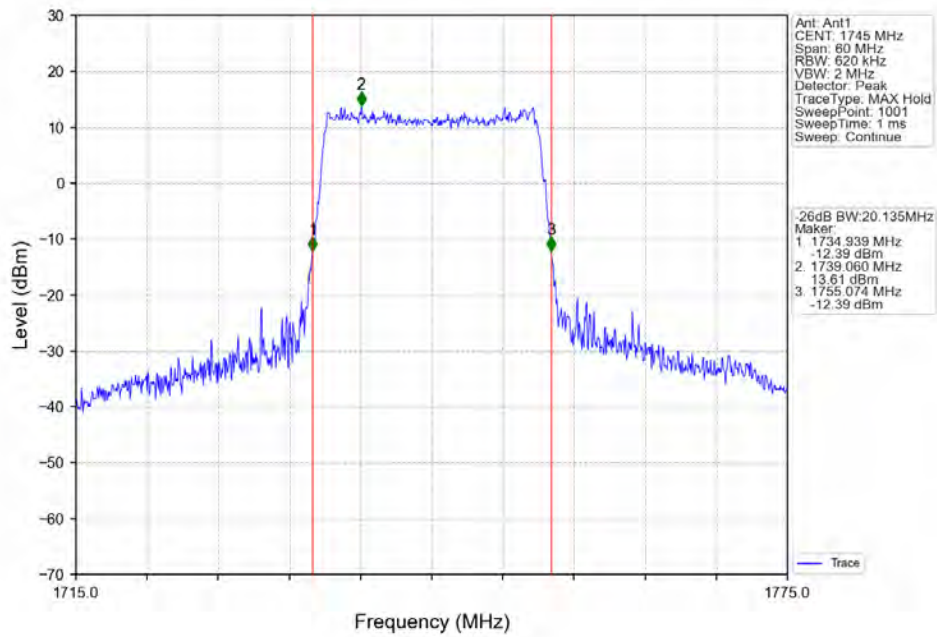
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



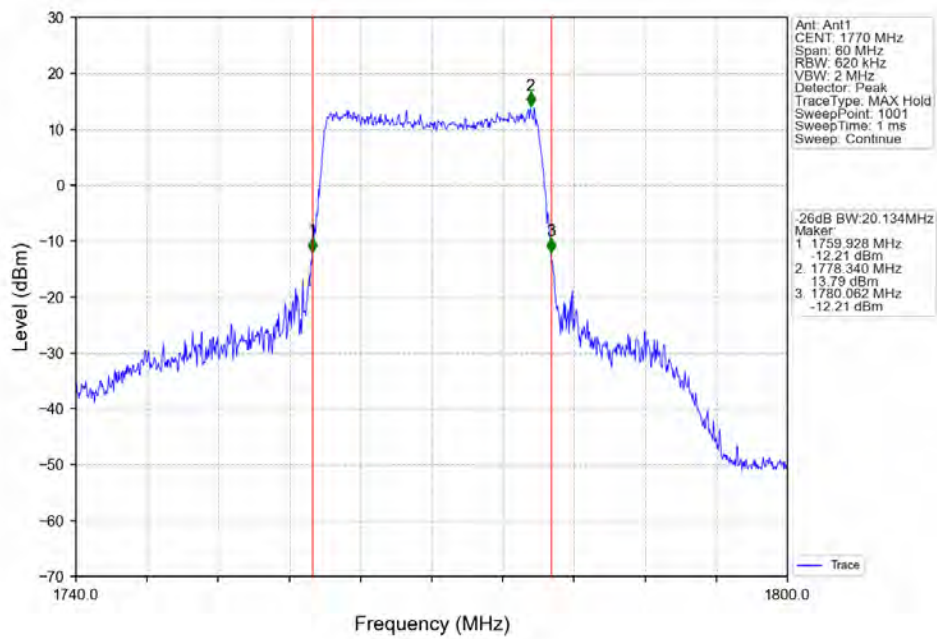
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



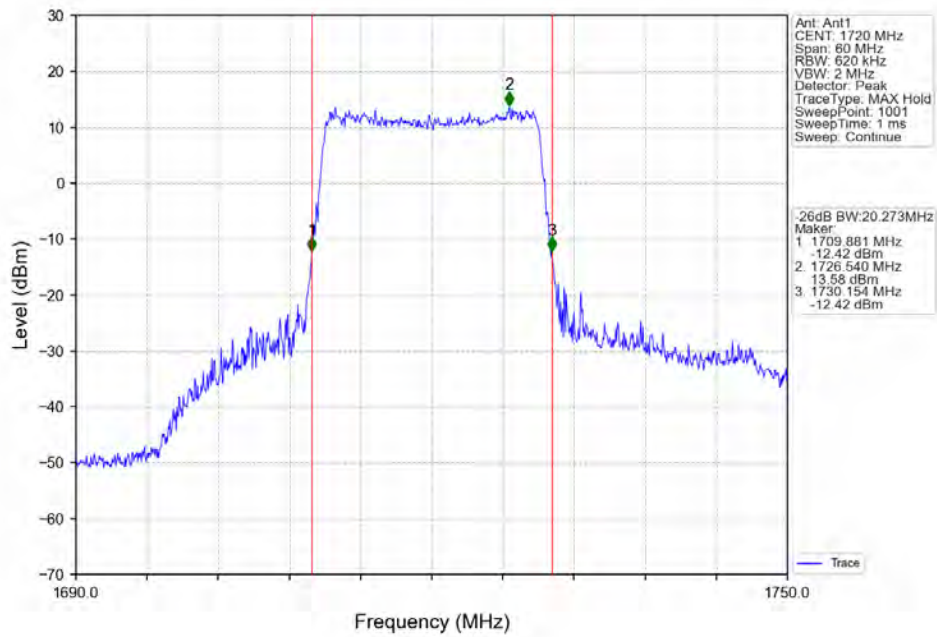
Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTNV



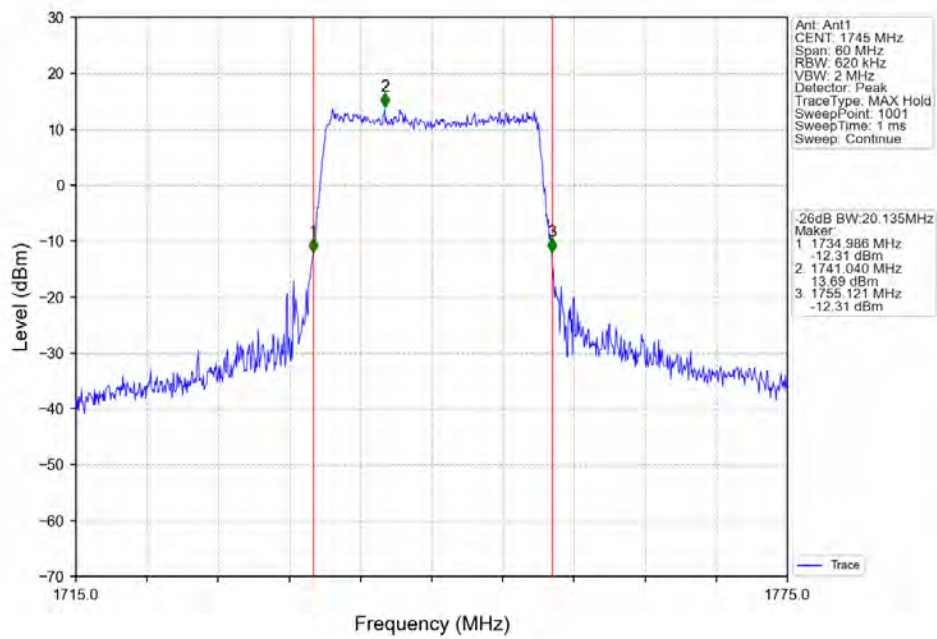
Band66 20MHz 16QAM HCH 1770MHz RB 100 0 NTNV



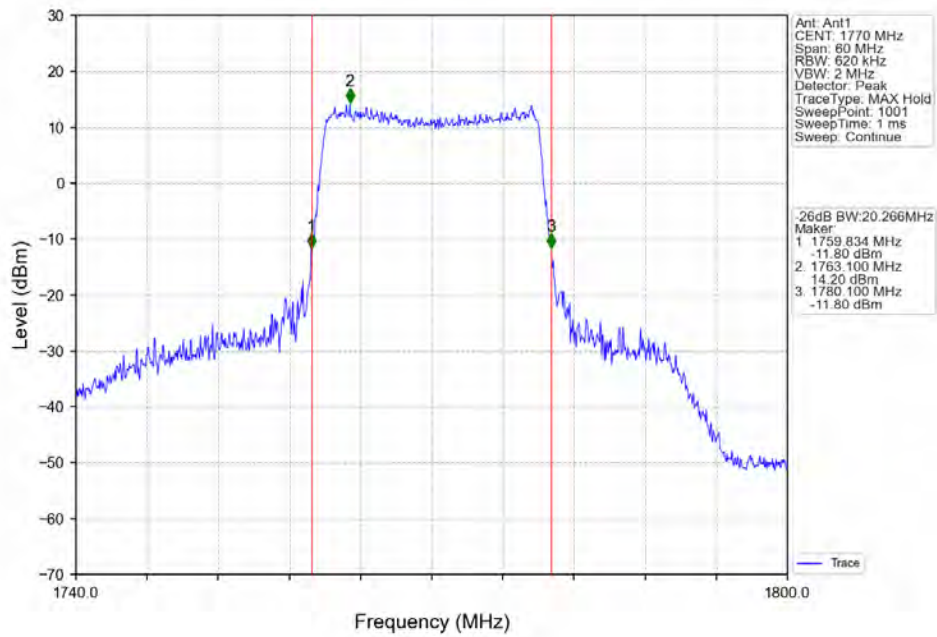
Band66 20MHz 64QAM LCH 1720MHz RB 100 0 NTN



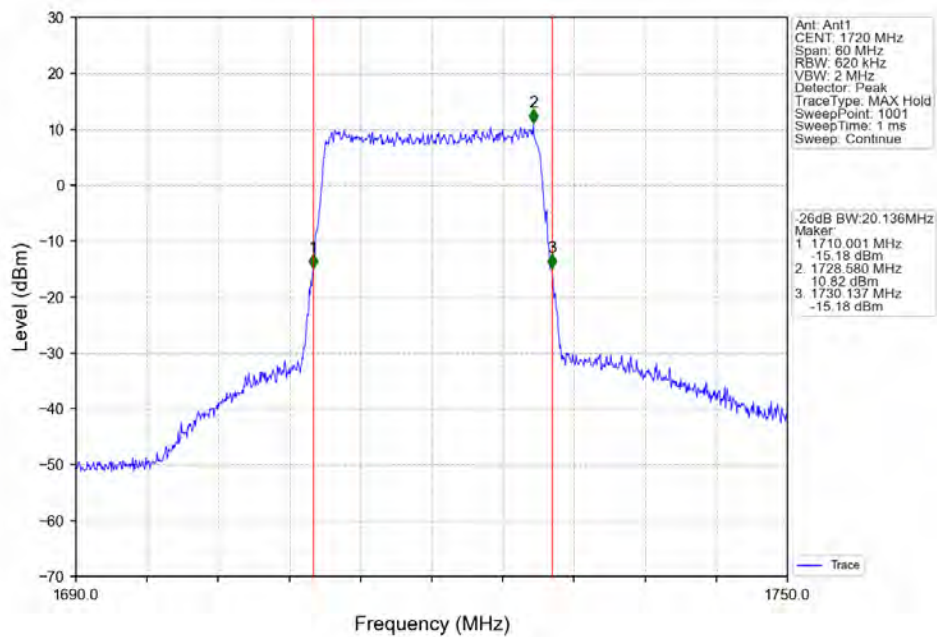
Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTN



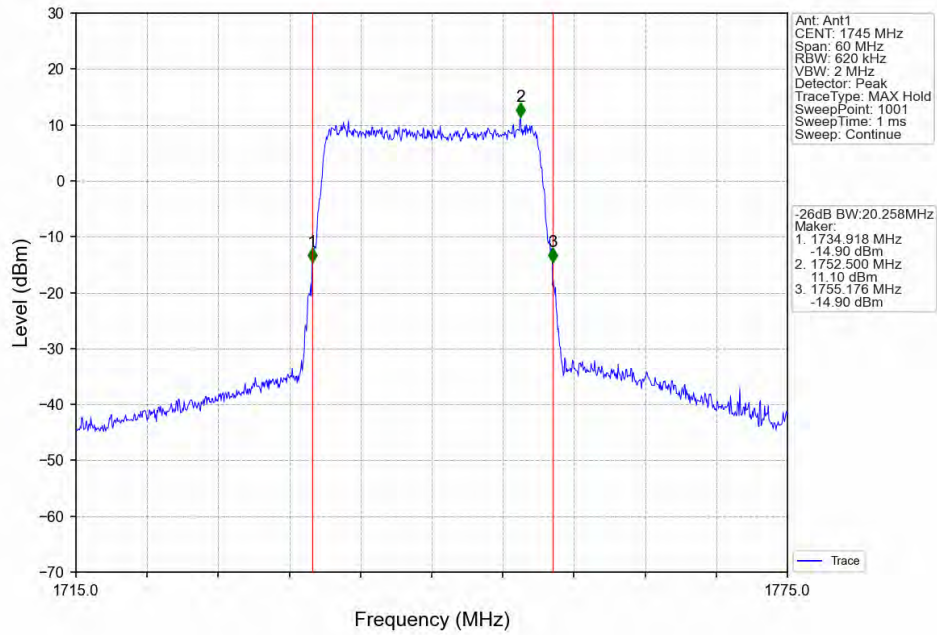
Band66 20MHz 64QAM HCH 1770MHz RB 100 0 NTNV



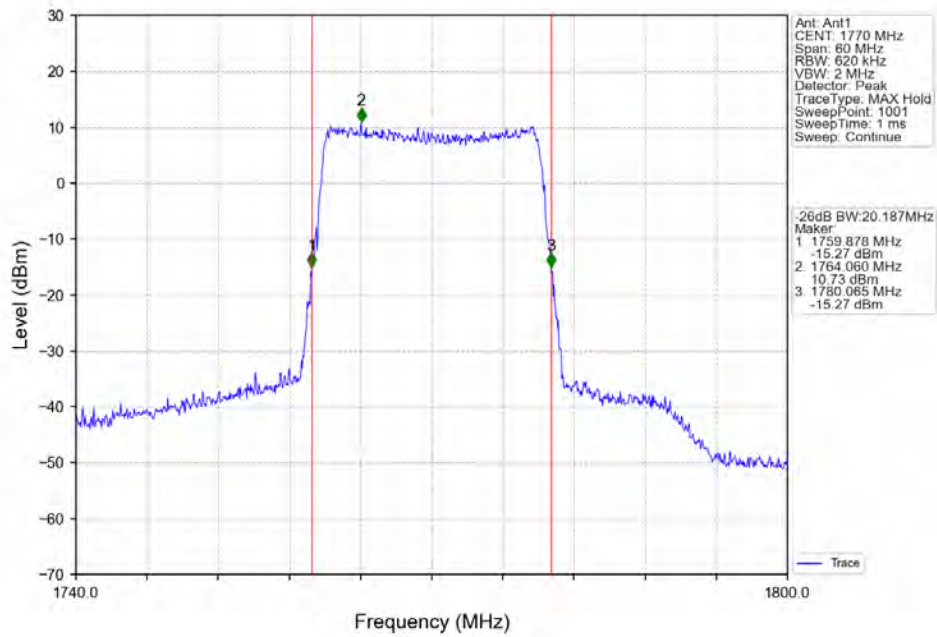
Band66 20MHz 256QAM LCH 1720MHz RB 100 0 NTNV



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



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



4. Peak-Average Ratio

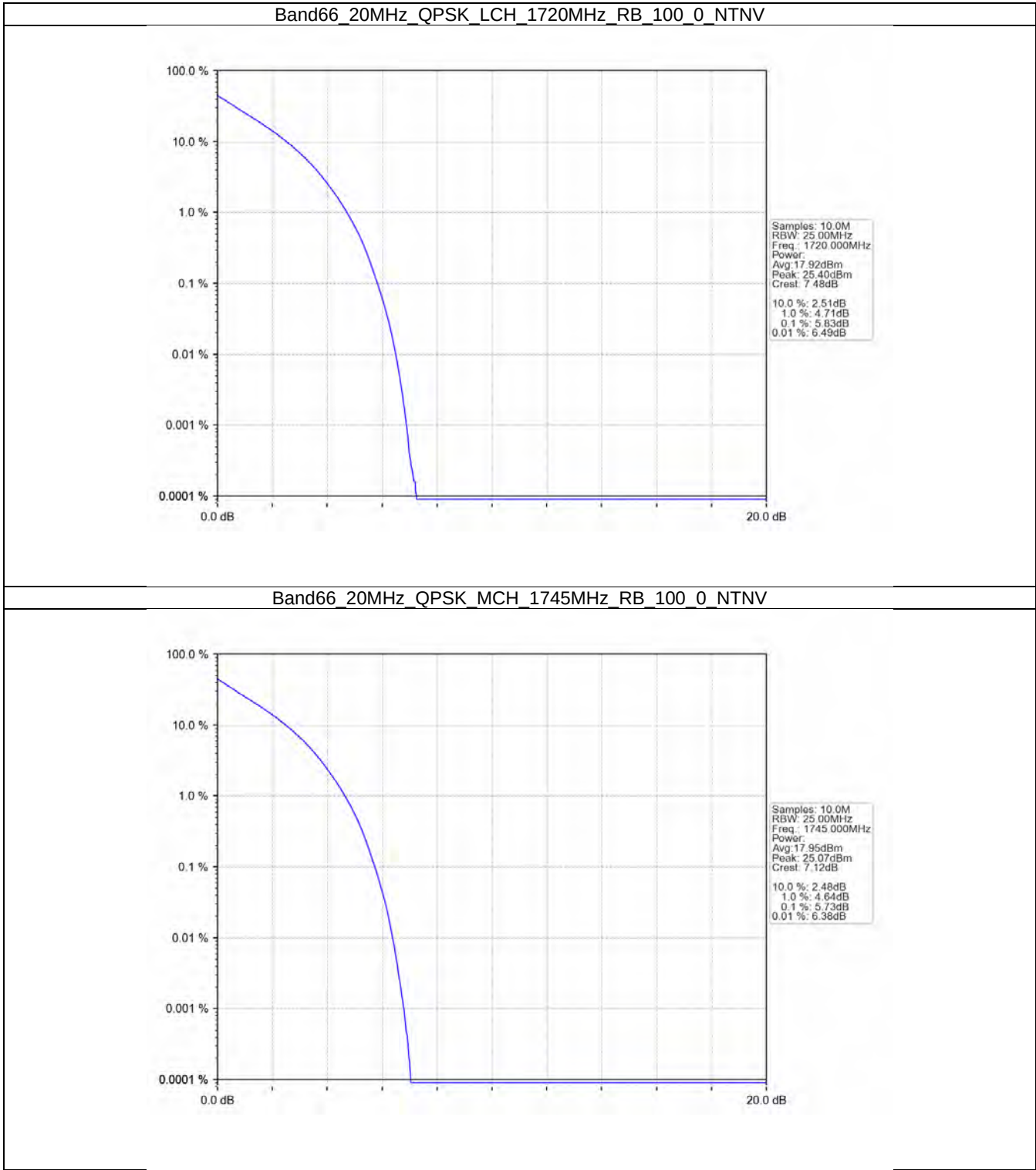
4.1 Test Result

4.1.1 B66_20MHz

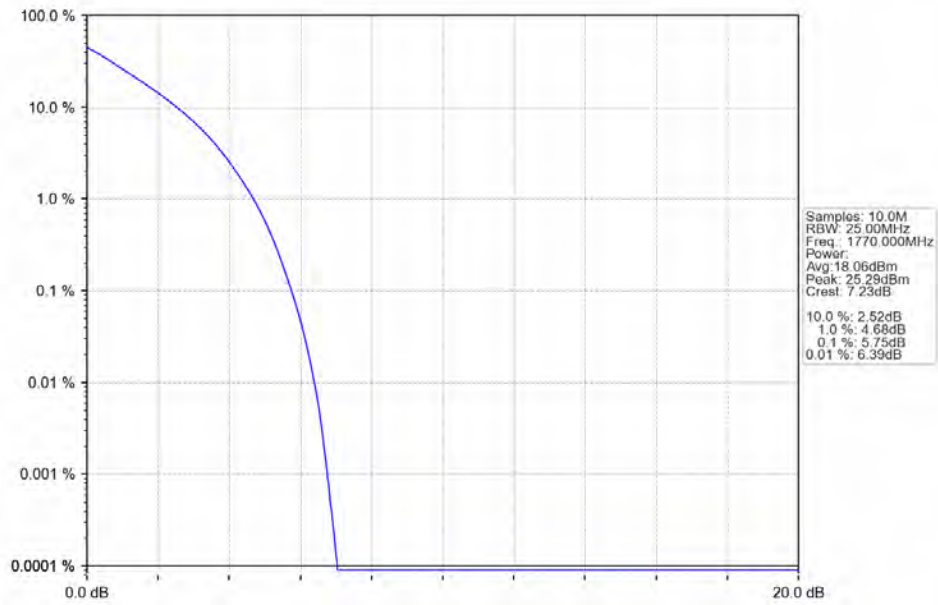
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.83	<=13	Pass
	1745	100	0	5.73	<=13	Pass
	1770	100	0	5.75	<=13	Pass
16QAM	1720	100	0	6.53	<=13	Pass
	1745	100	0	6.45	<=13	Pass
	1770	100	0	6.45	<=13	Pass
64QAM	1720	100	0	6.52	<=13	Pass
	1745	100	0	6.44	<=13	Pass
	1770	100	0	6.44	<=13	Pass
256QAM	1720	100	0	6.95	<=13	Pass
	1745	100	0	6.89	<=13	Pass
	1770	100	0	6.88	<=13	Pass

4.2 Test Graph

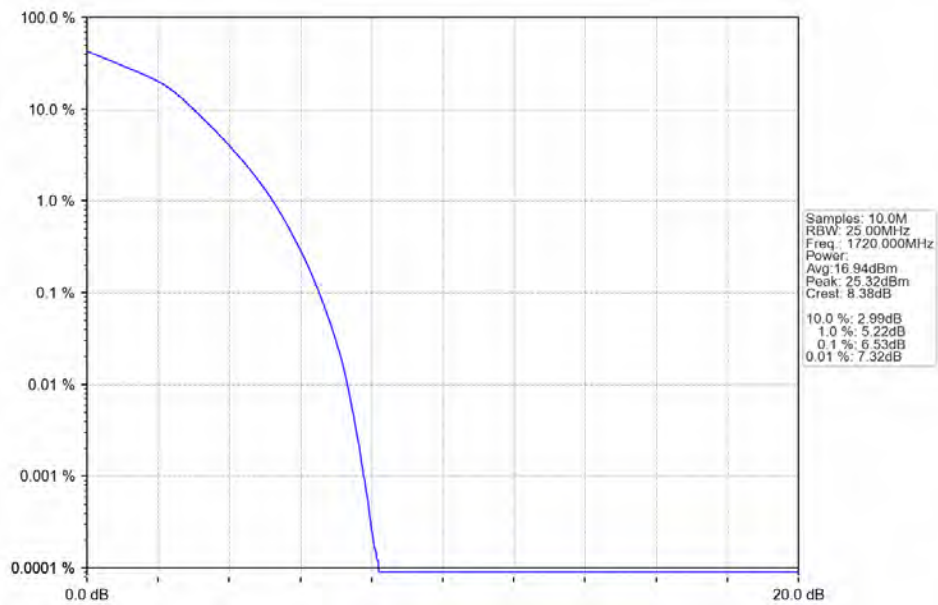
4.2.1 B66_20MHz



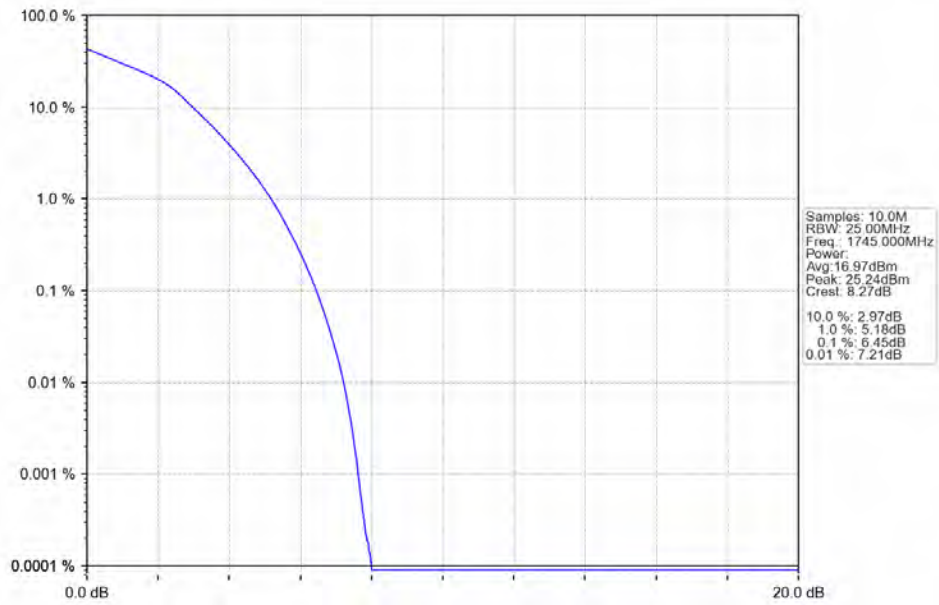
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



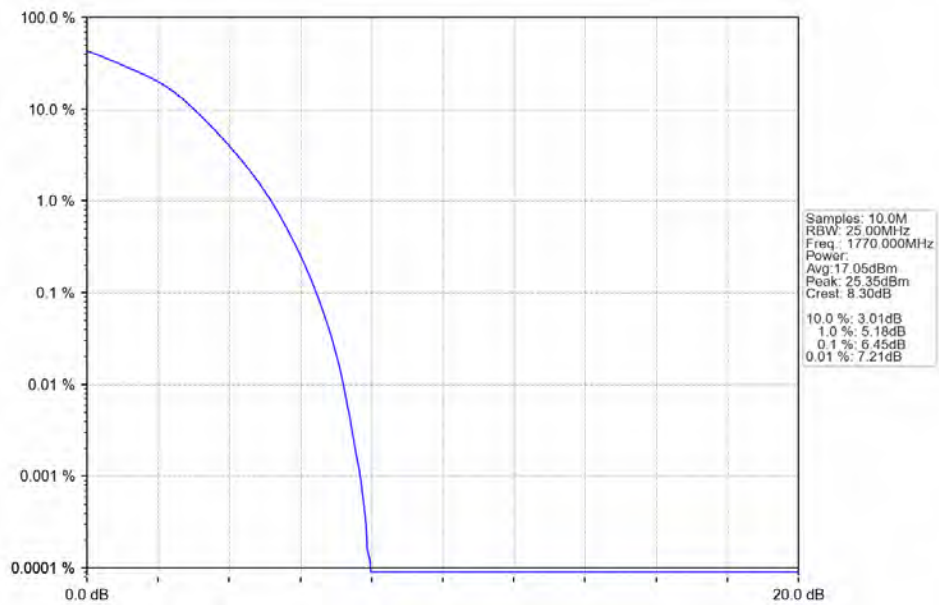
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



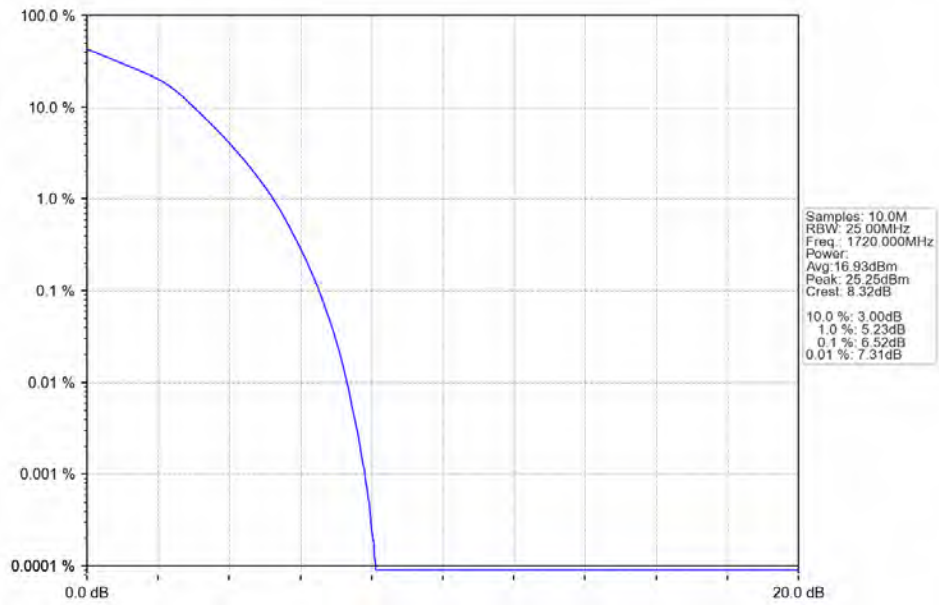
Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTNV



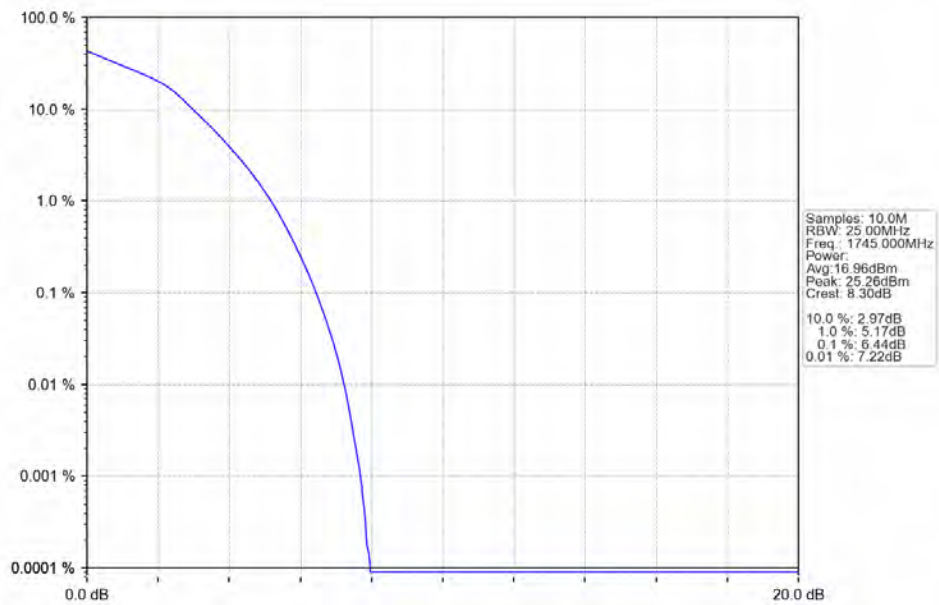
Band66 20MHz 16QAM HCH 1770MHz RB 100 0 NTNV



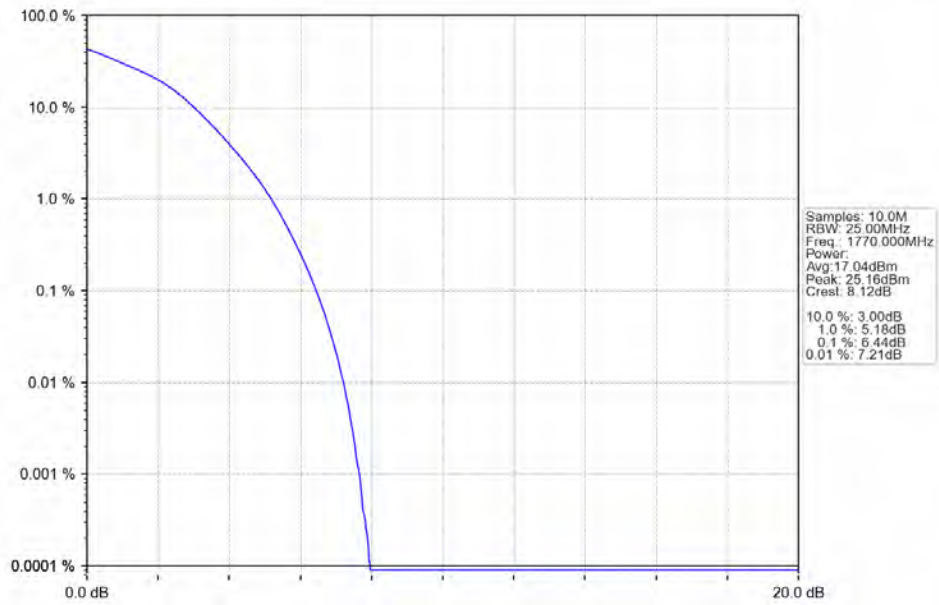
Band66 20MHz 64QAM LCH 1720MHz RB 100 0 NTNV



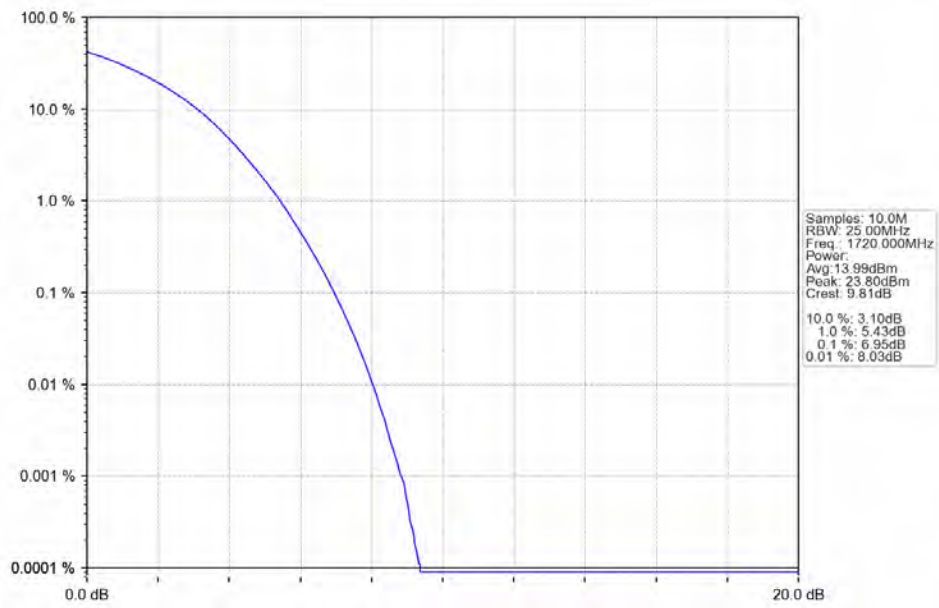
Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTNV



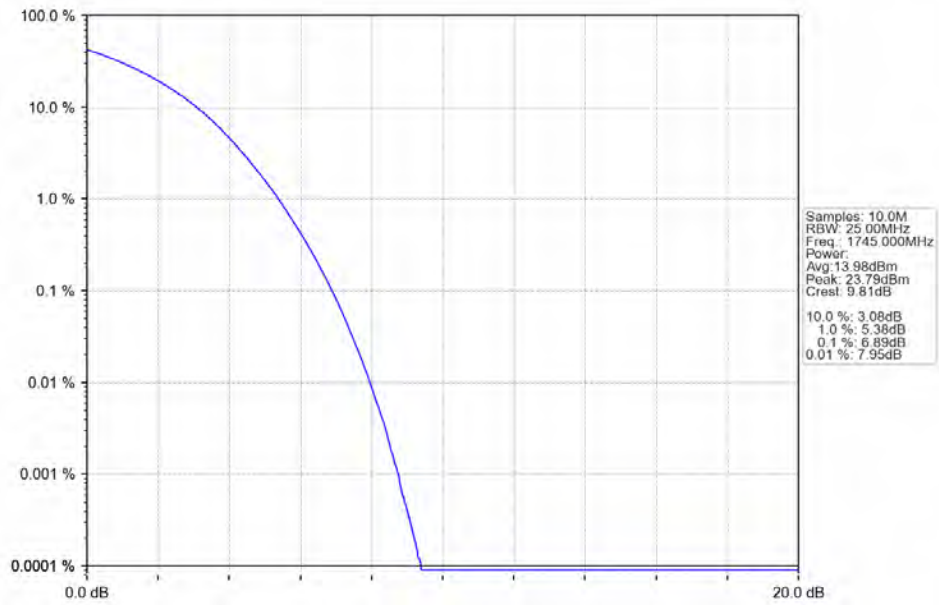
Band66 20MHz 64QAM HCH 1770MHz RB 100 0 NTNV



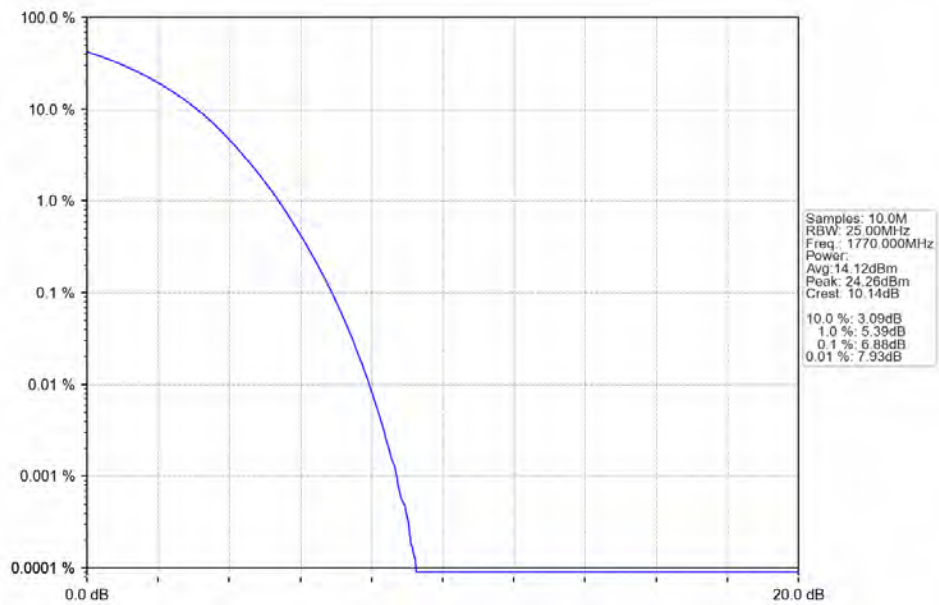
Band66 20MHz 256QAM LCH 1720MHz RB 100 0 NTNV



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



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



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1775	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B66_15MHz

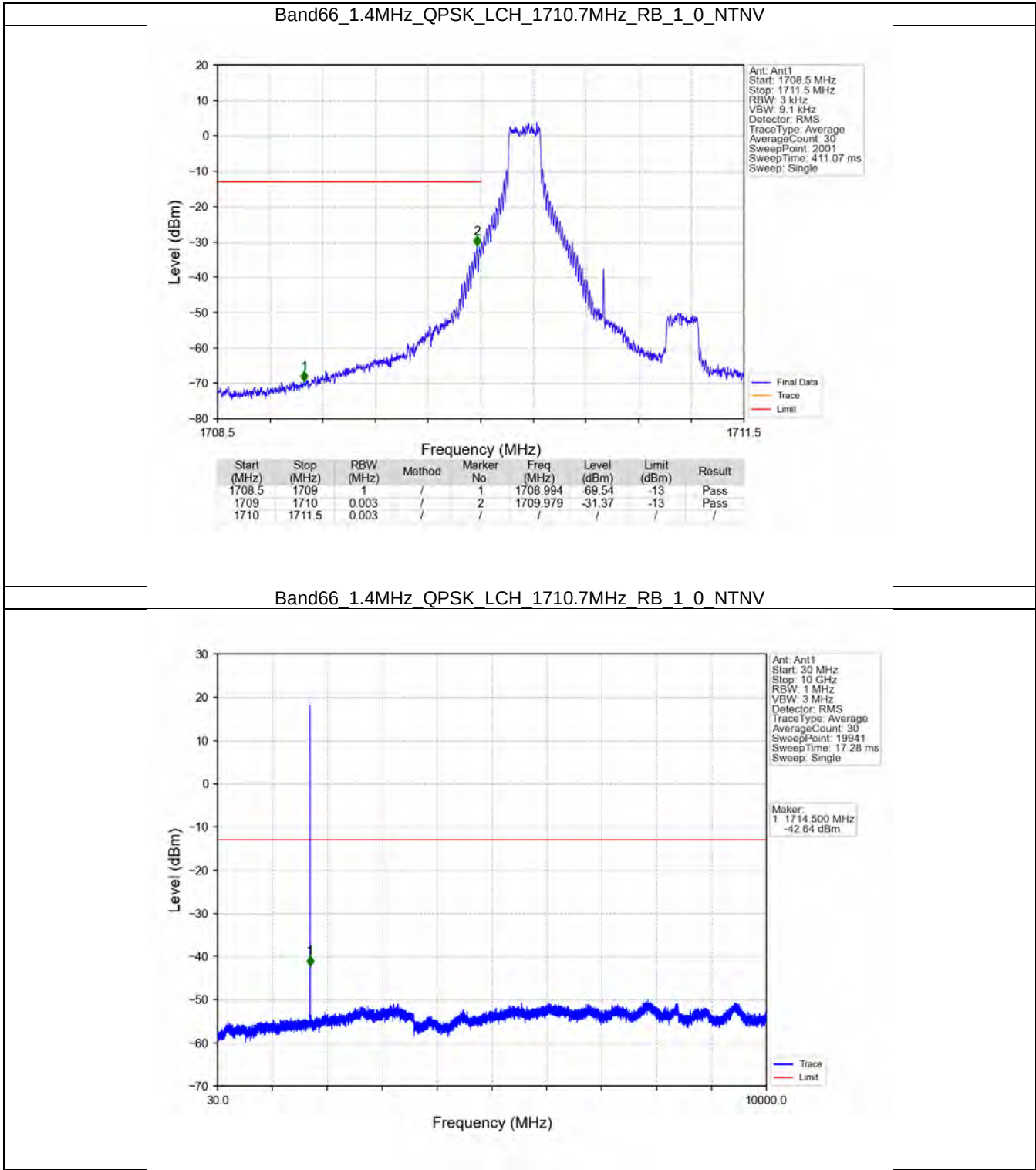
Band: 66 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.6 B66_20MHz

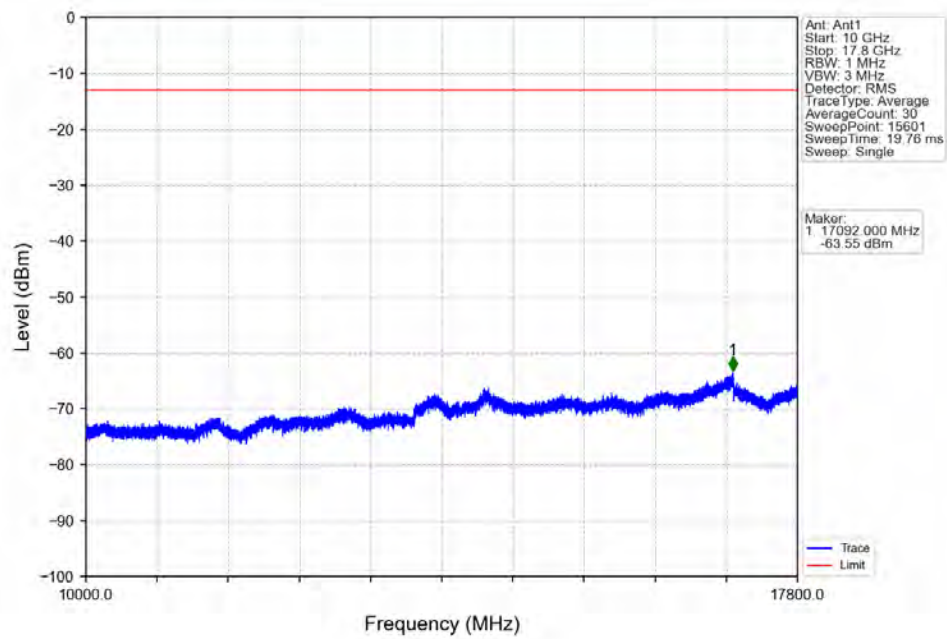
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

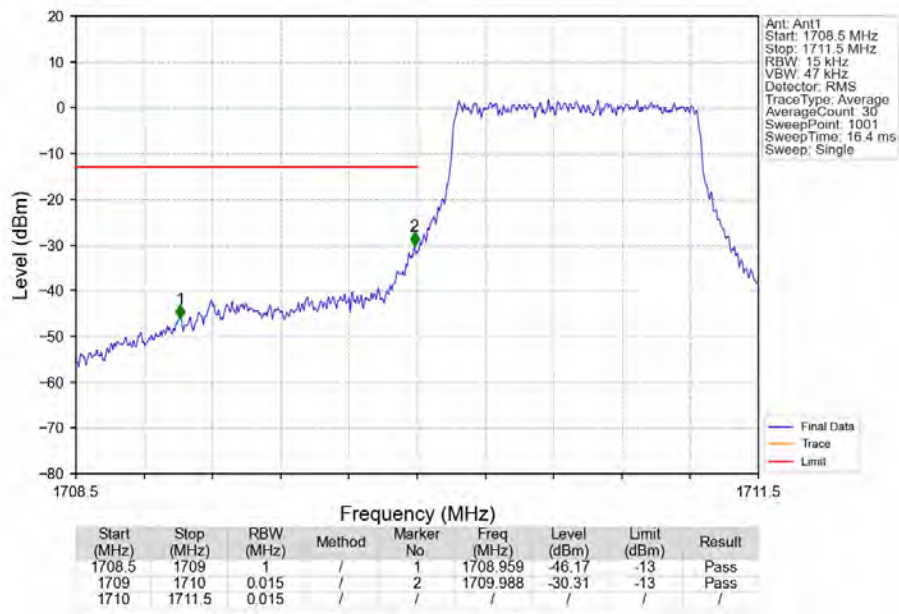
5.2.1 B66_1.4MHz



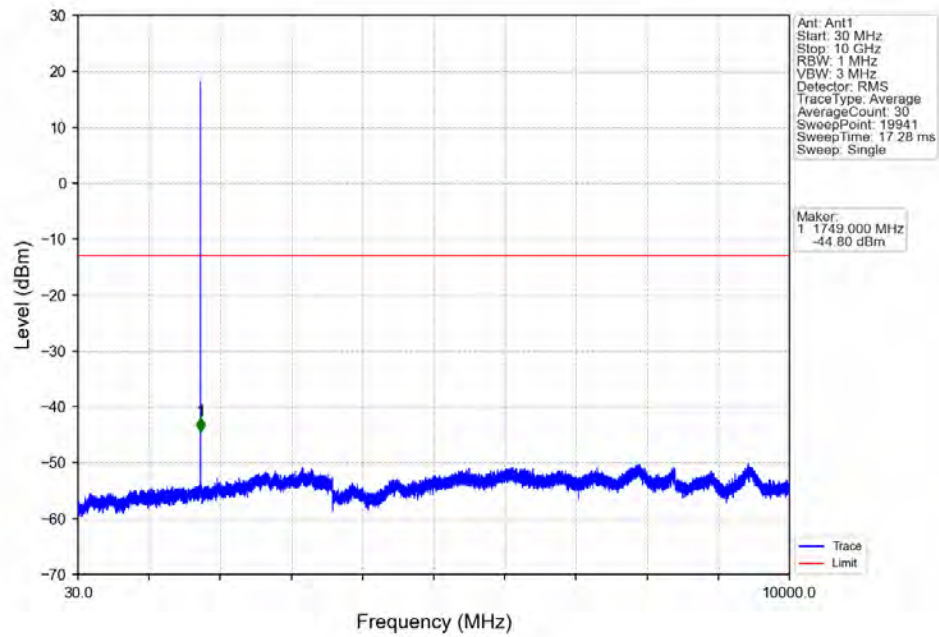
Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV



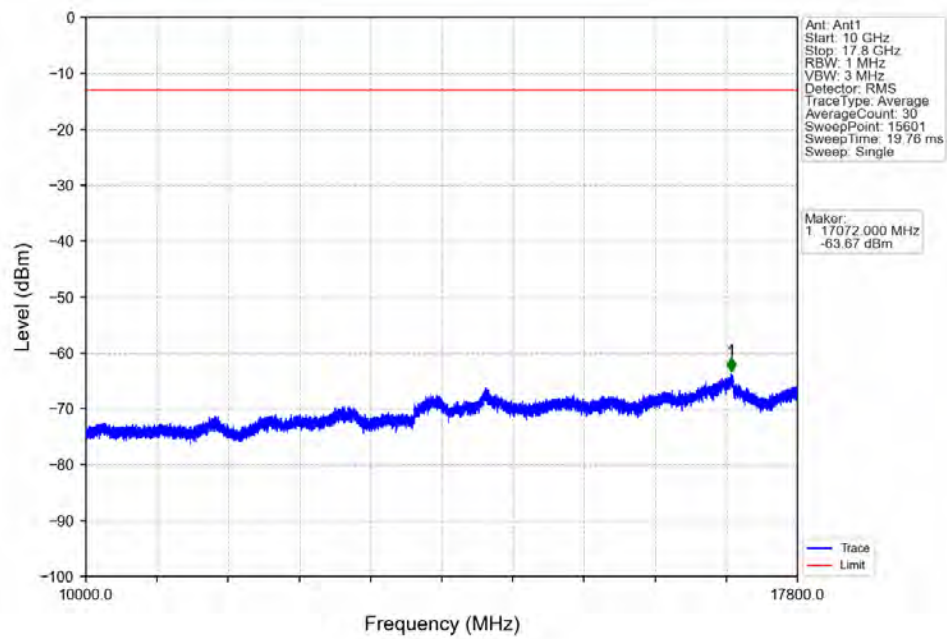
Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV



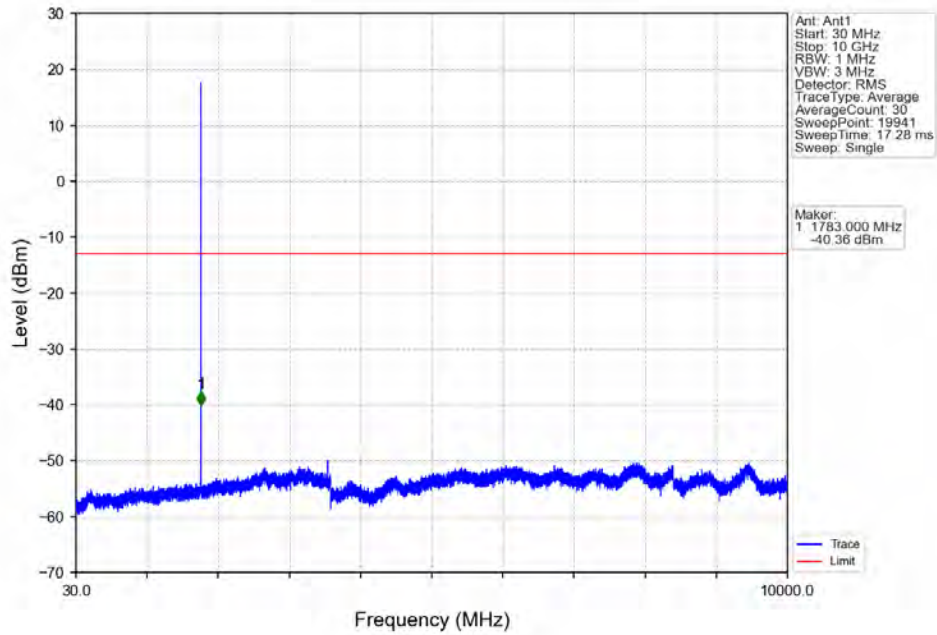
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



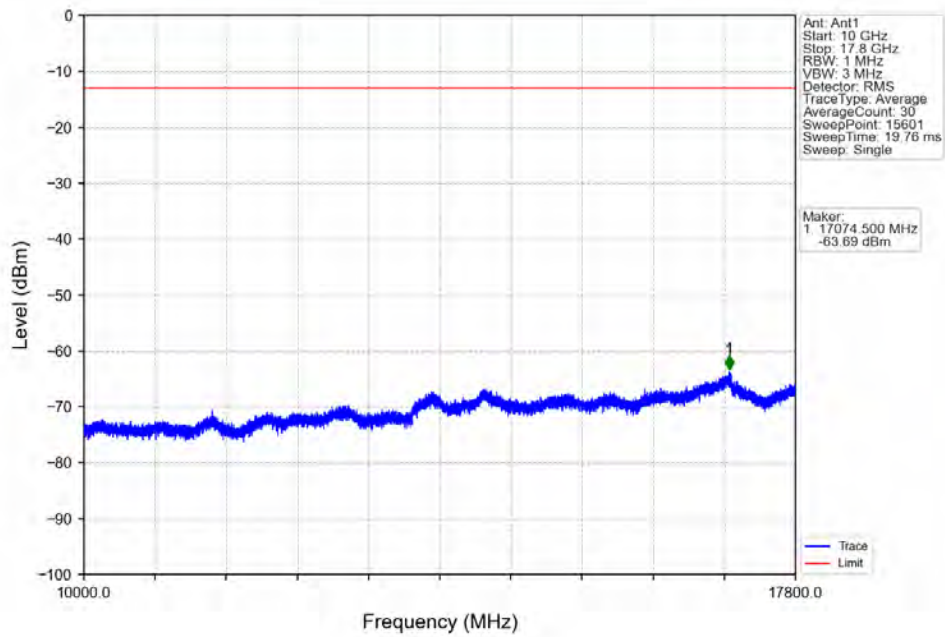
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTV



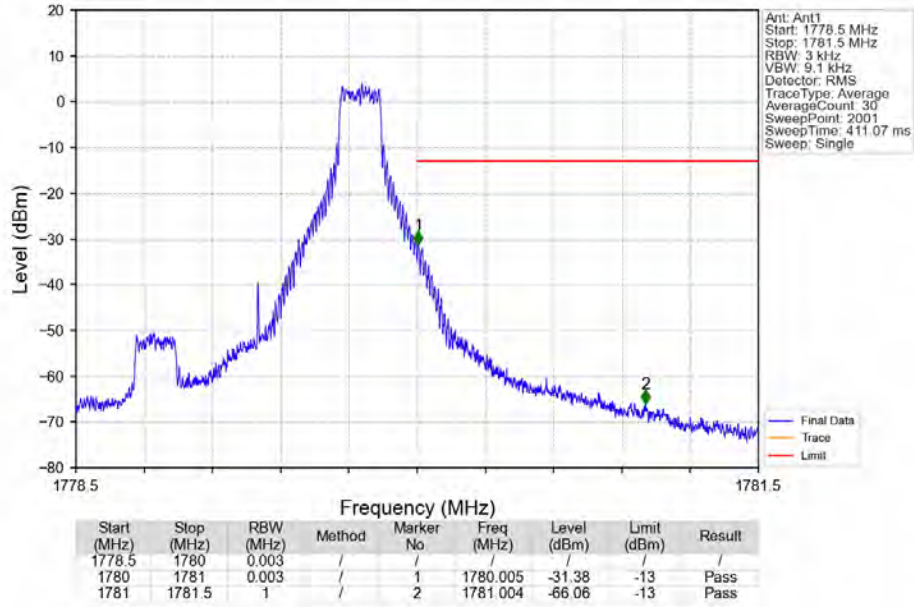
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



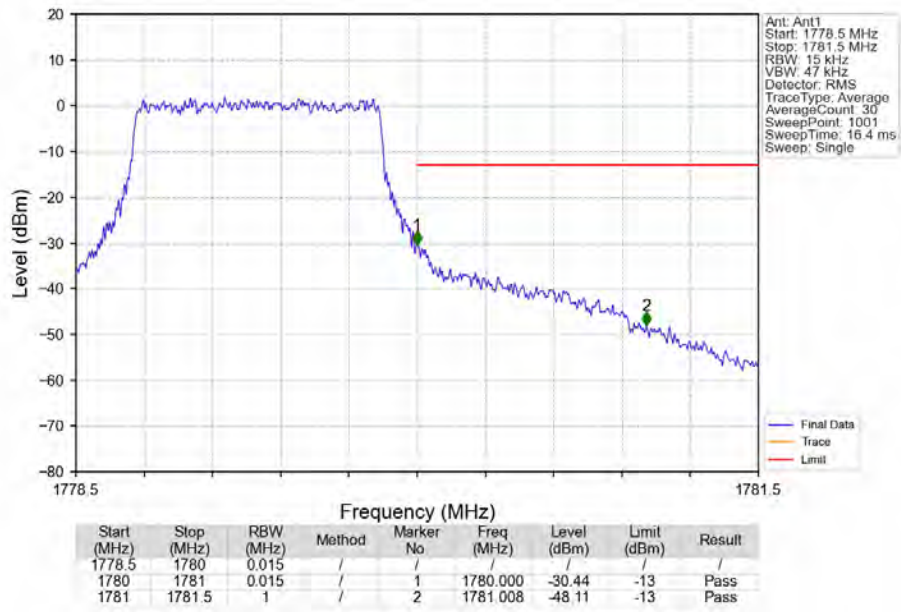
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



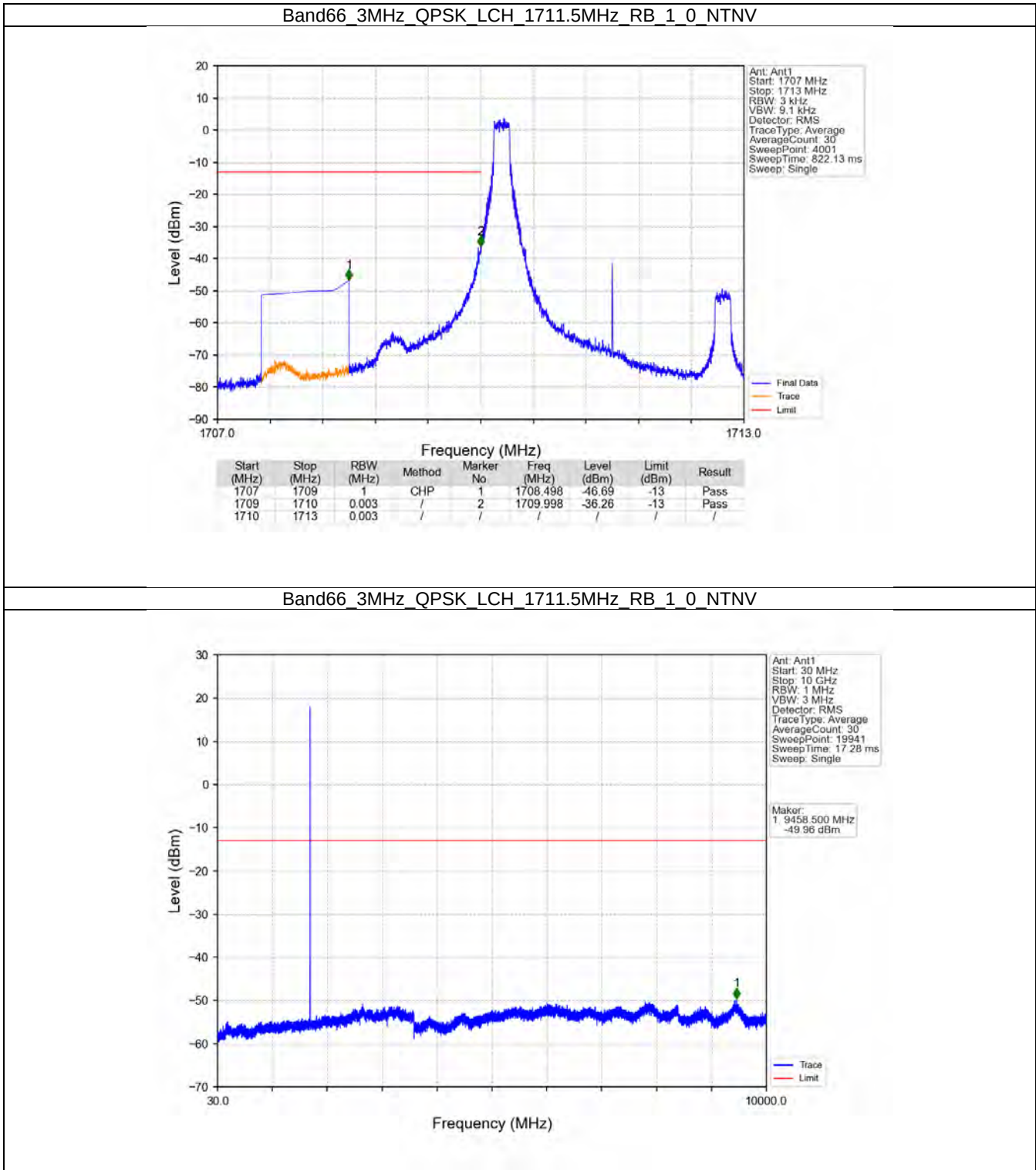
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



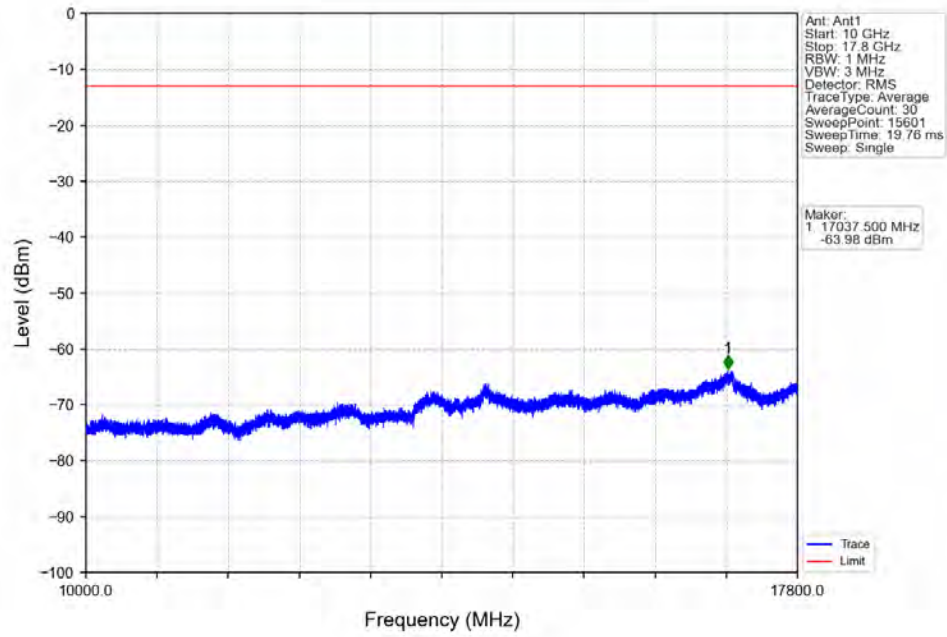
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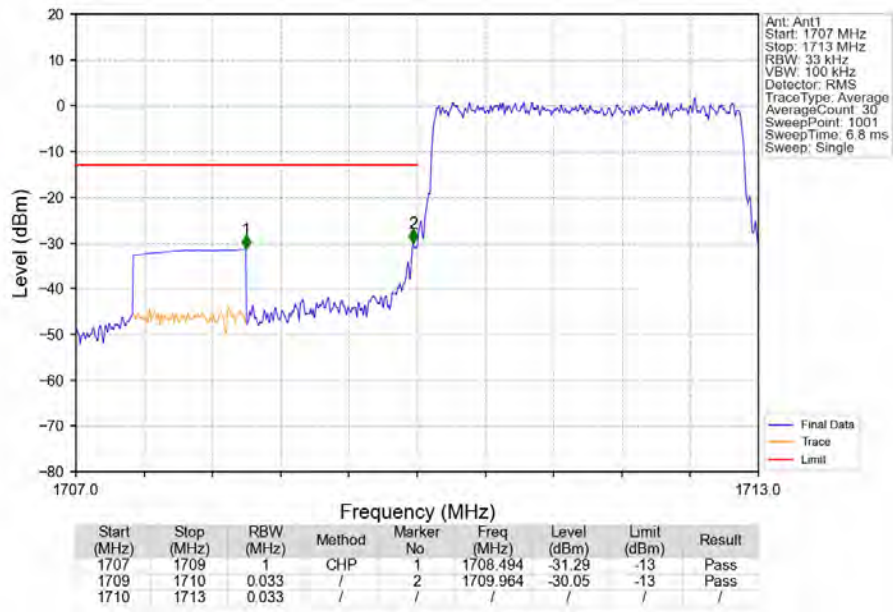
5.2.2 B66_3MHz



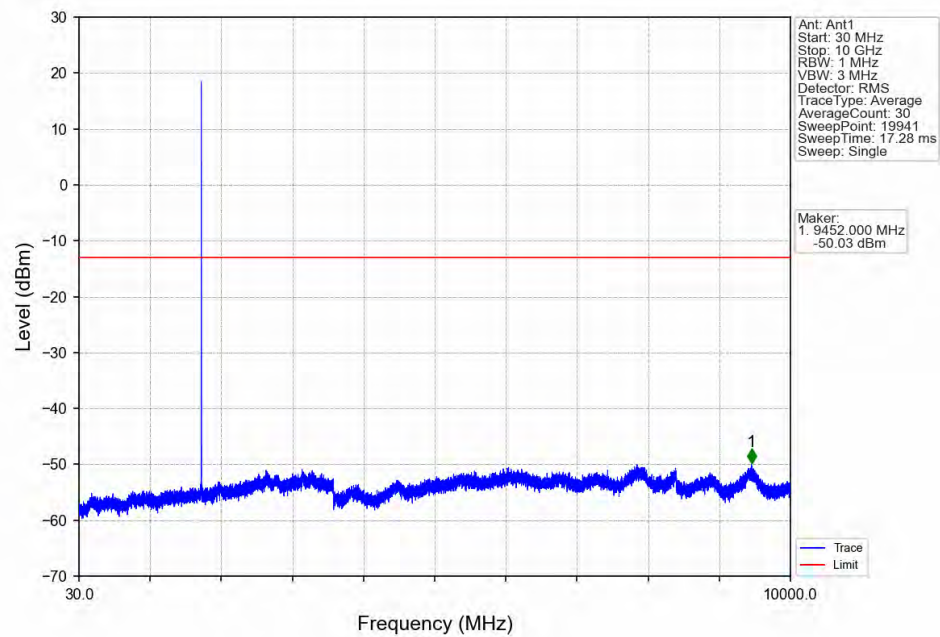
Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV



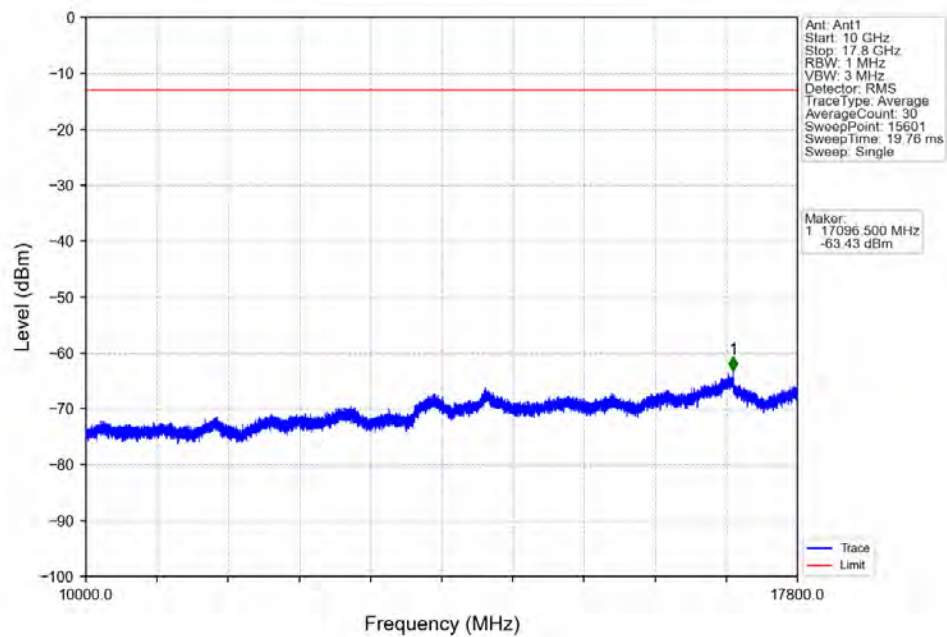
Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV



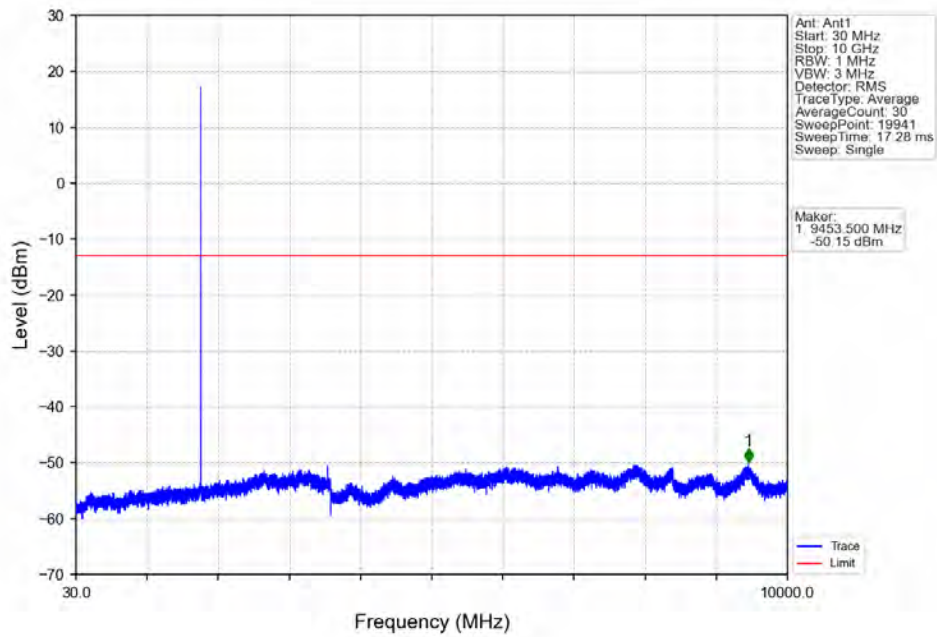
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



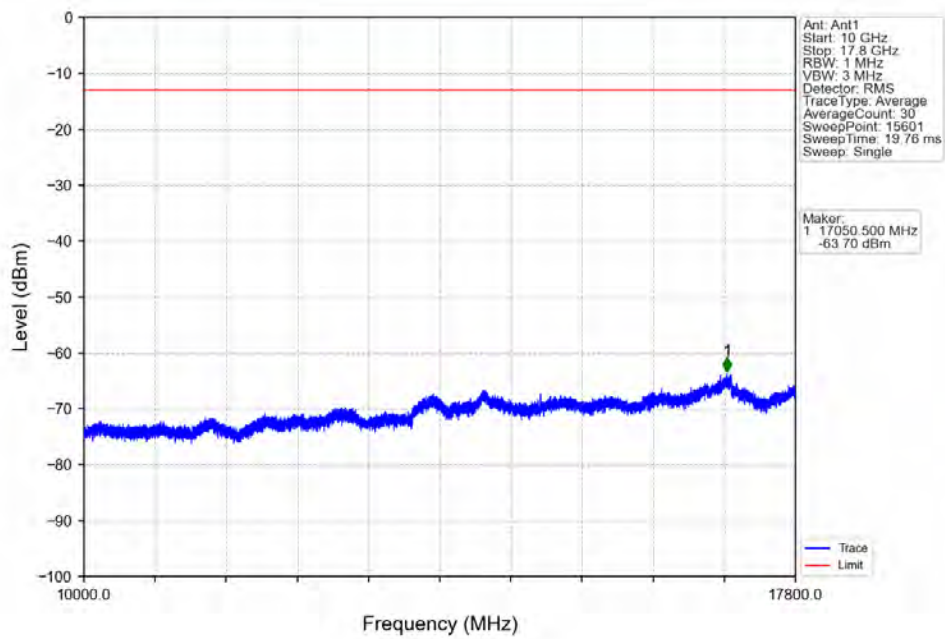
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



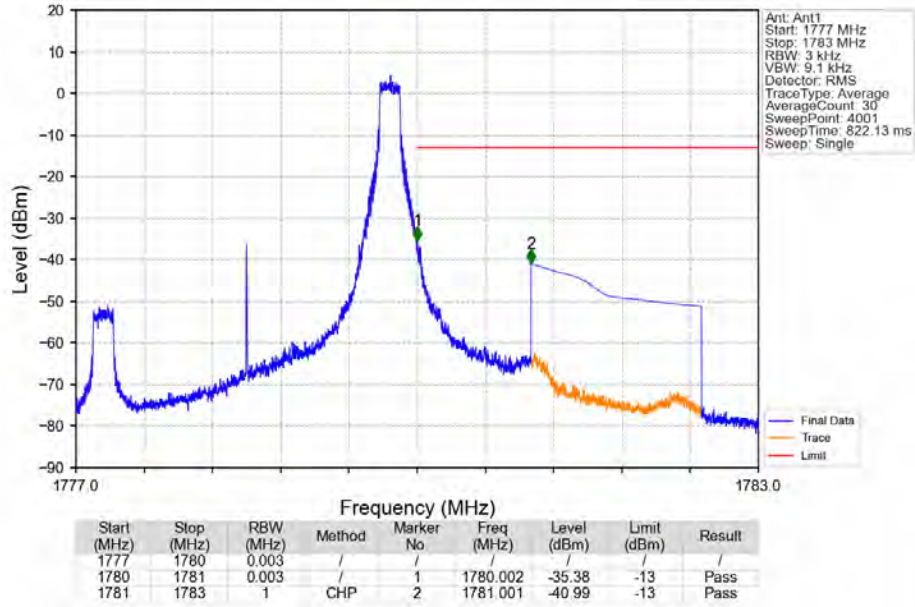
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV



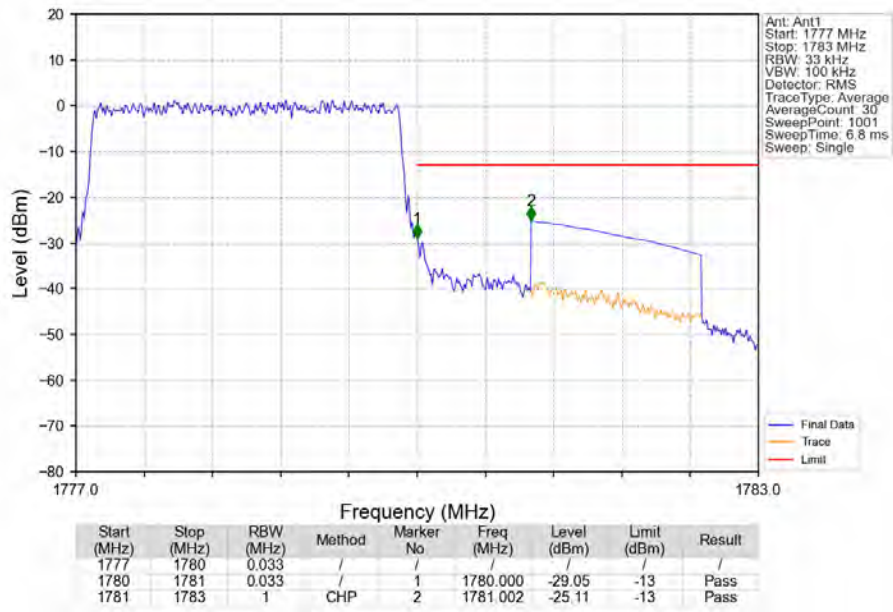
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV



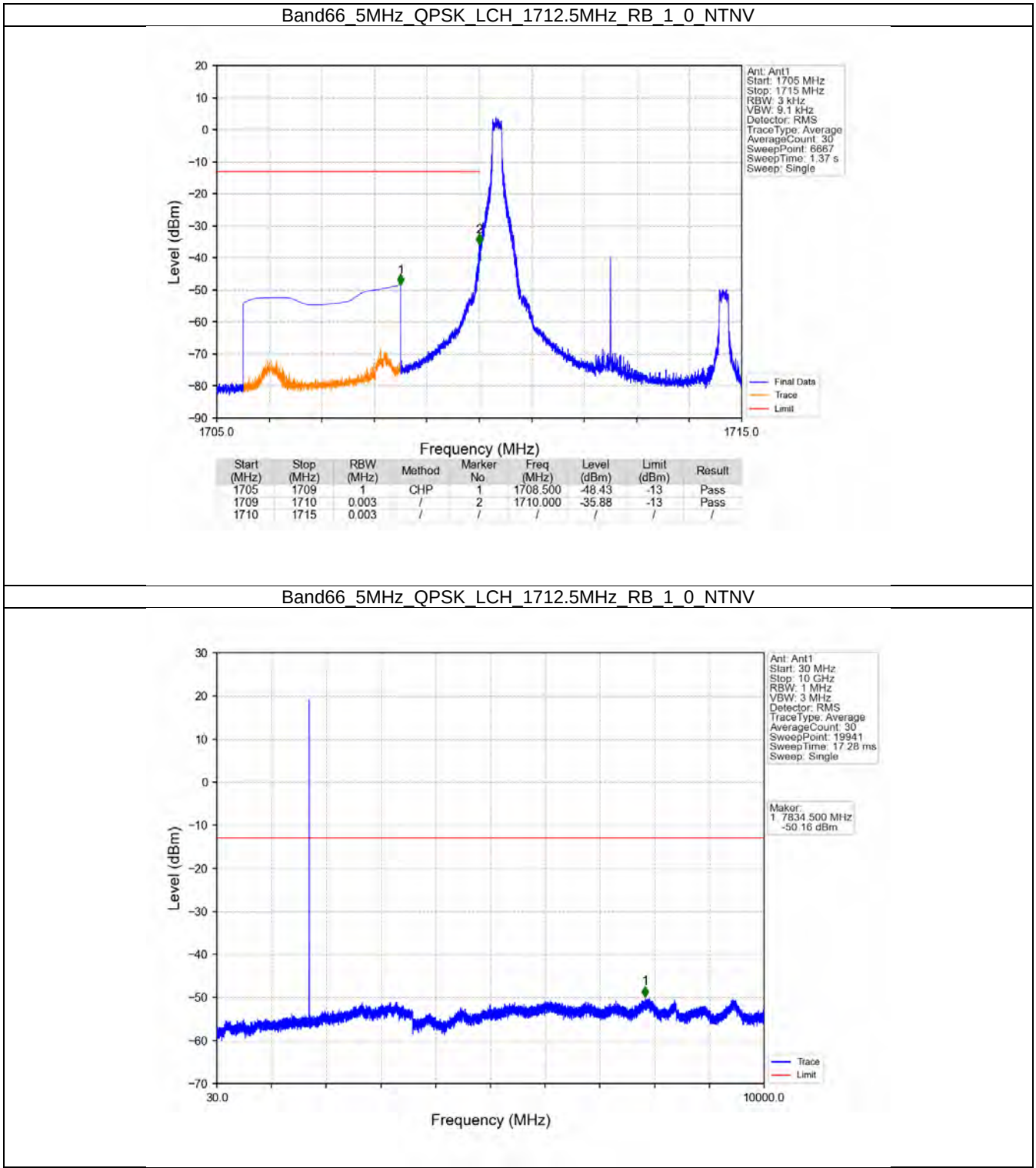
Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTNV



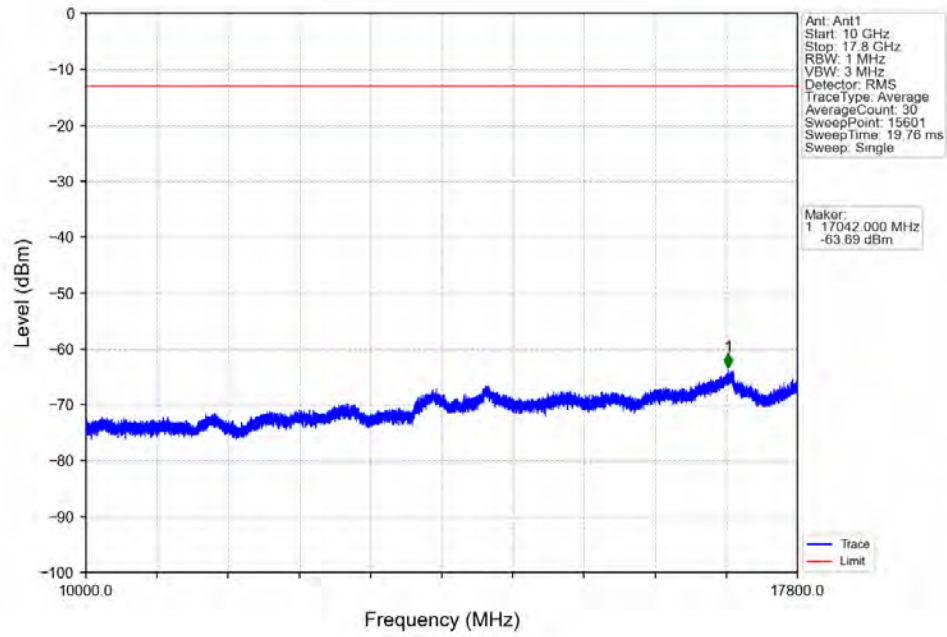
Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTNV



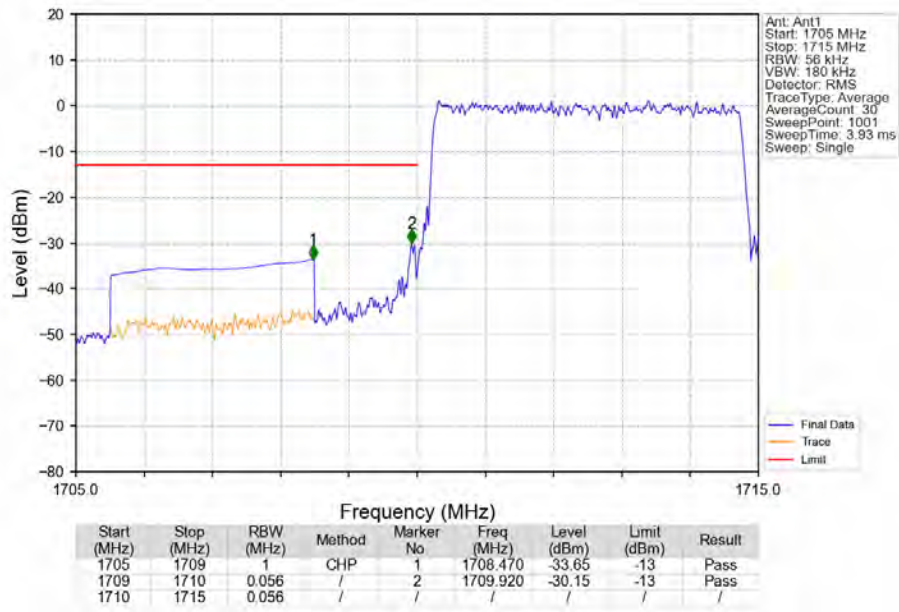
5.2.3 B66_5MHz



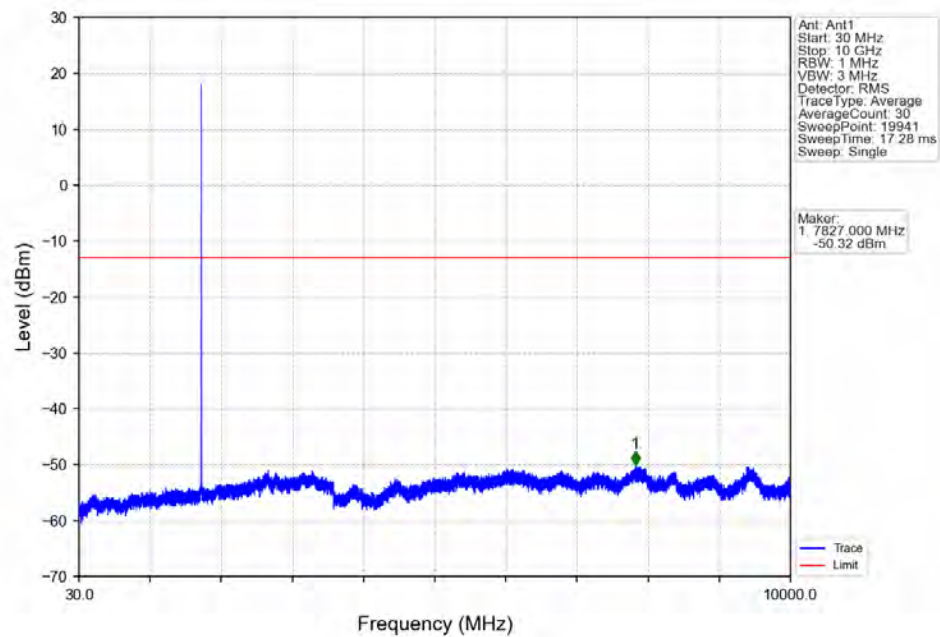
Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV



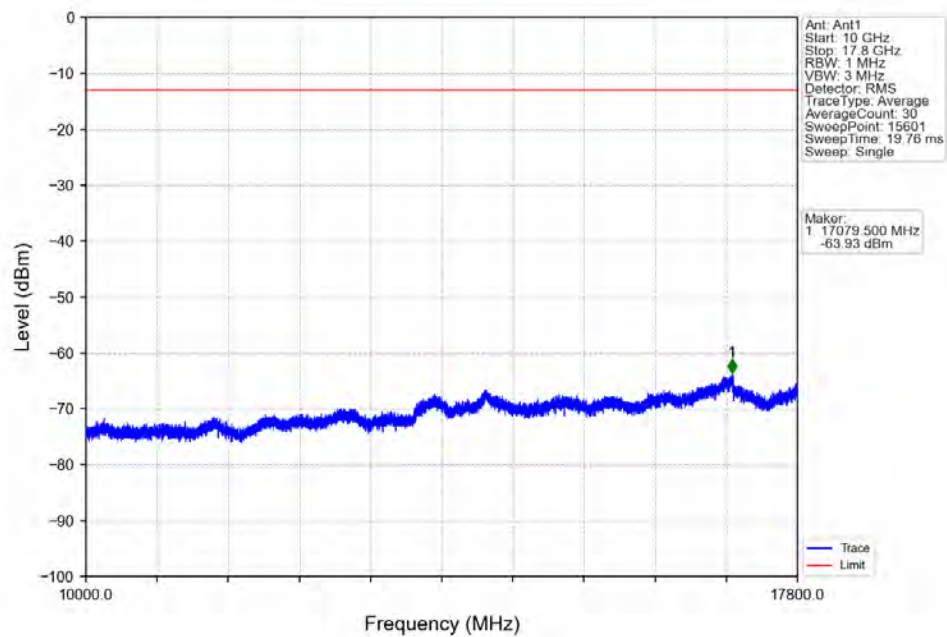
Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV



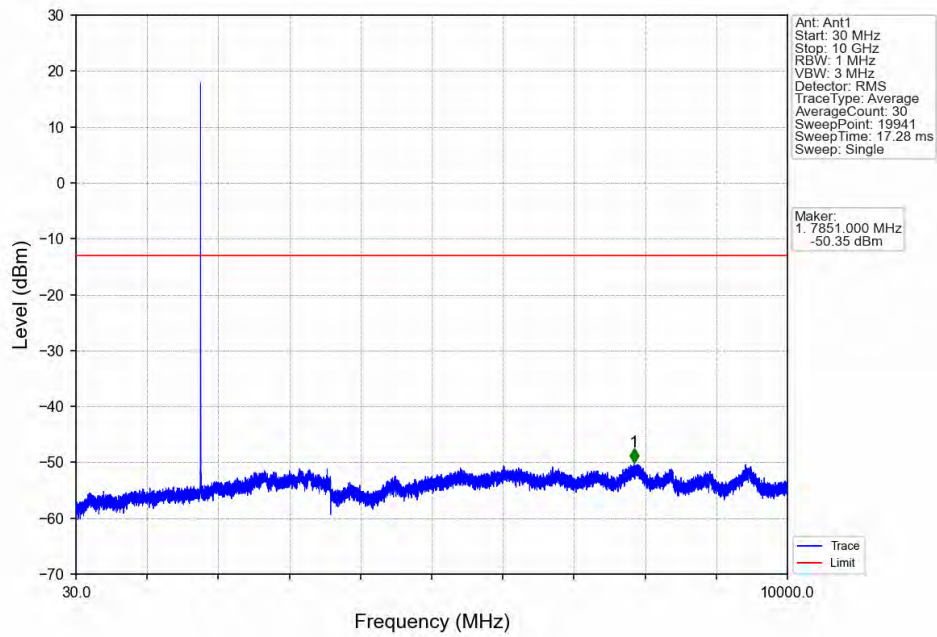
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



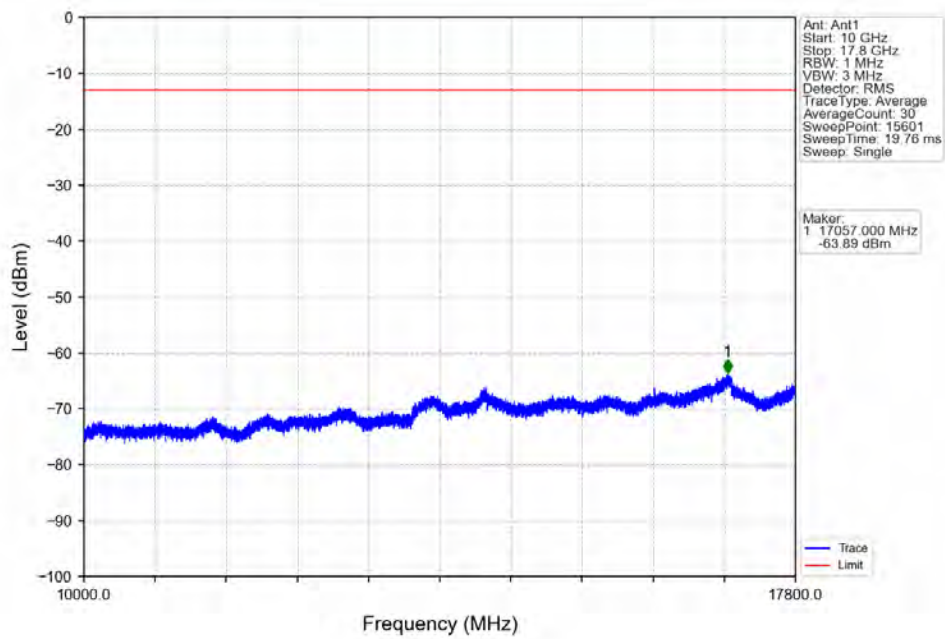
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



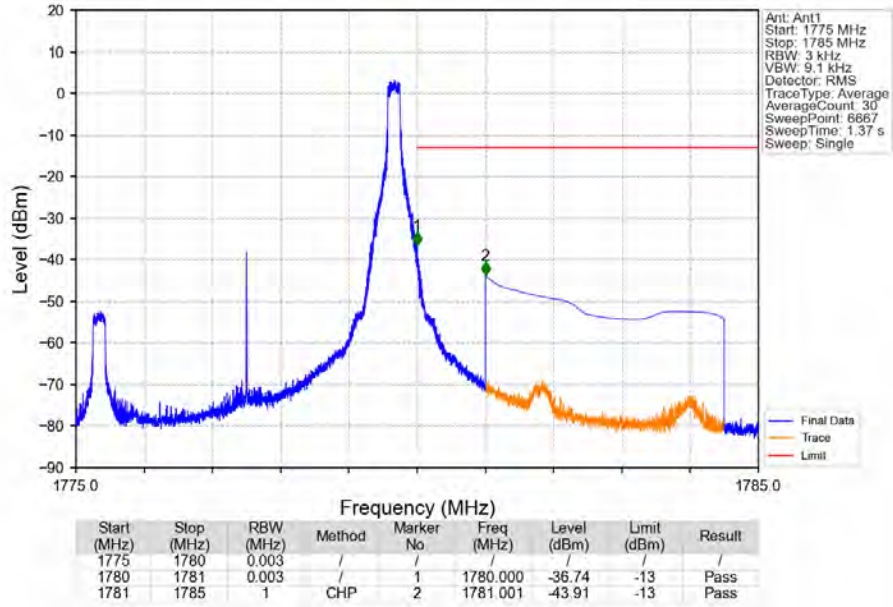
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



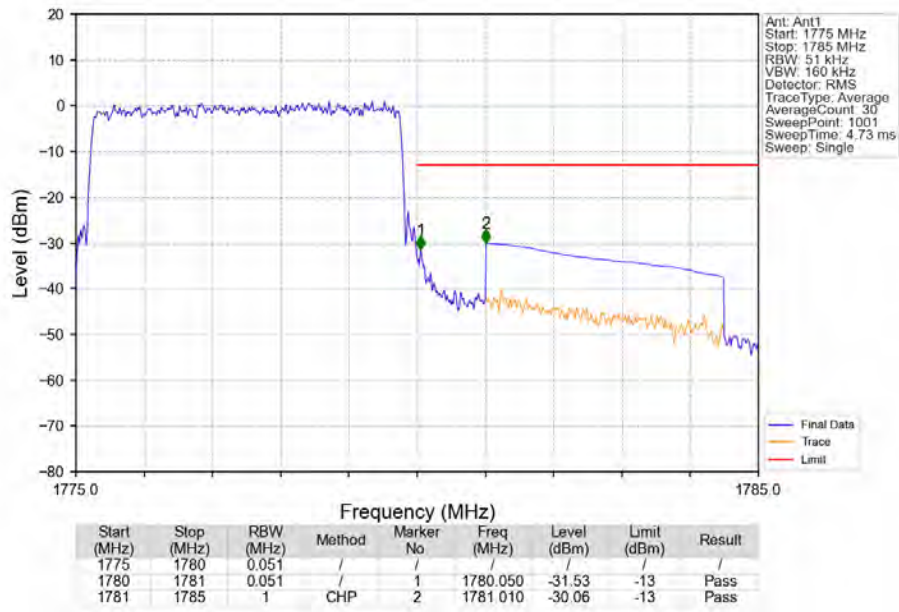
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



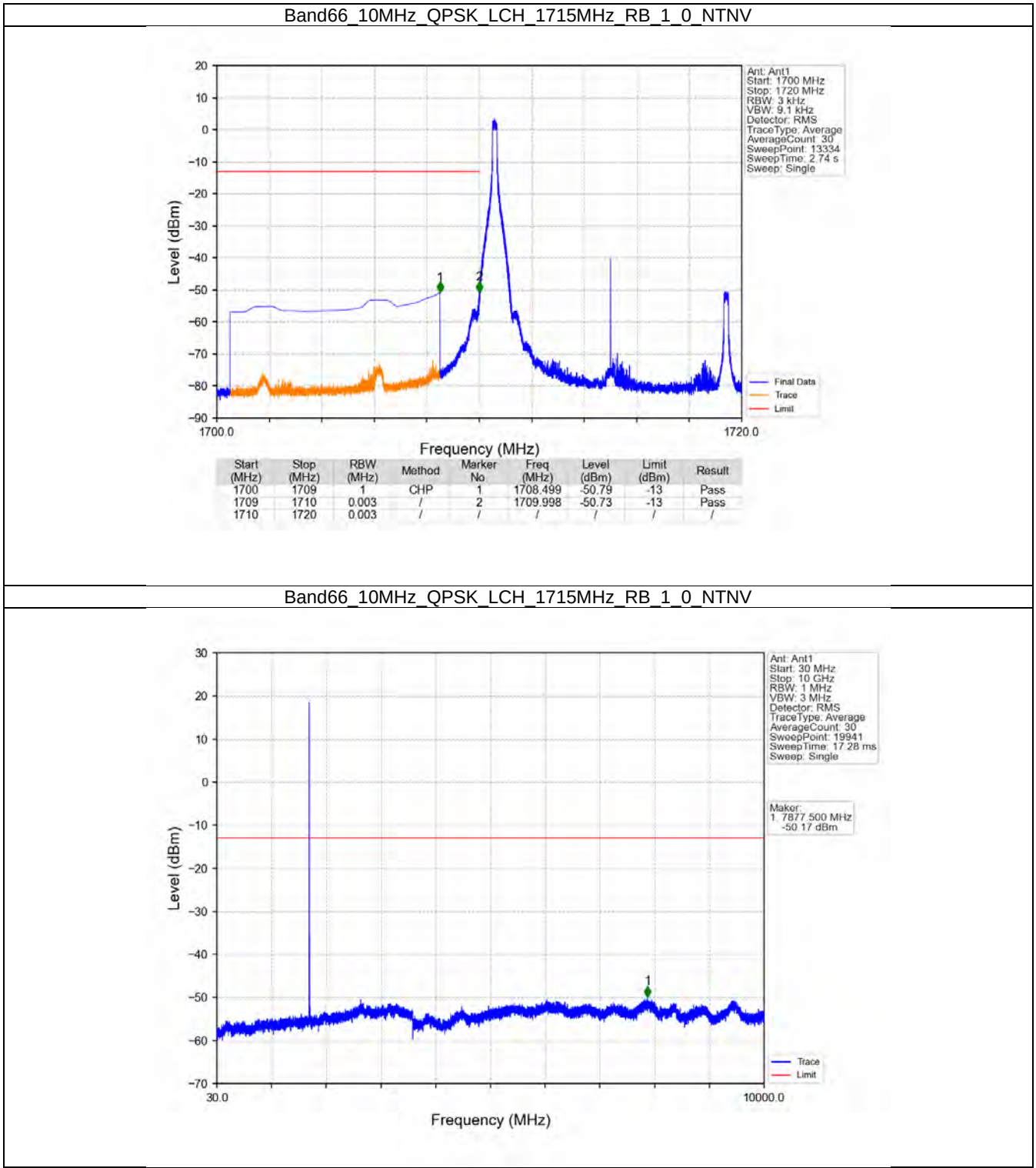
Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTNV



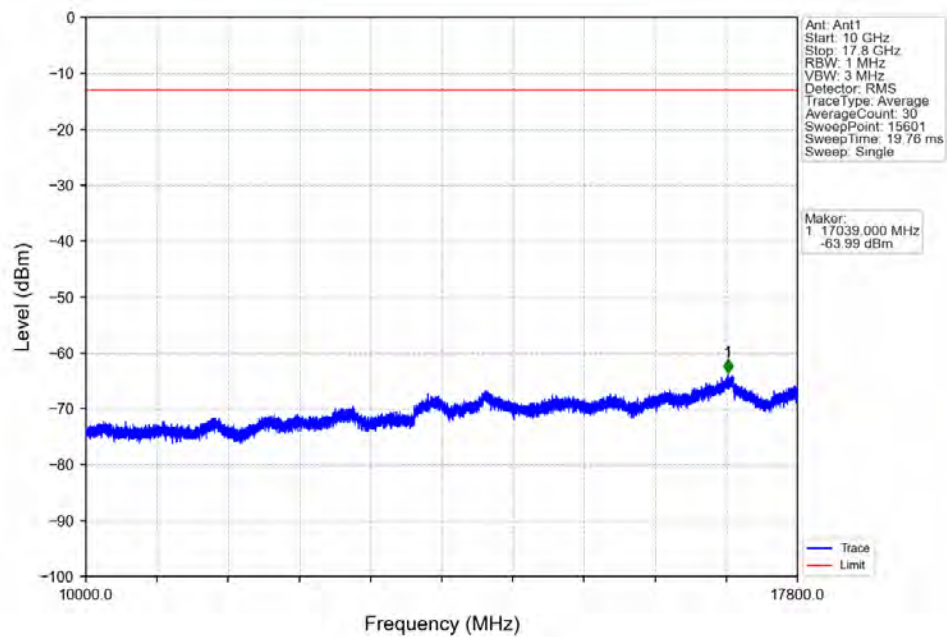
Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV



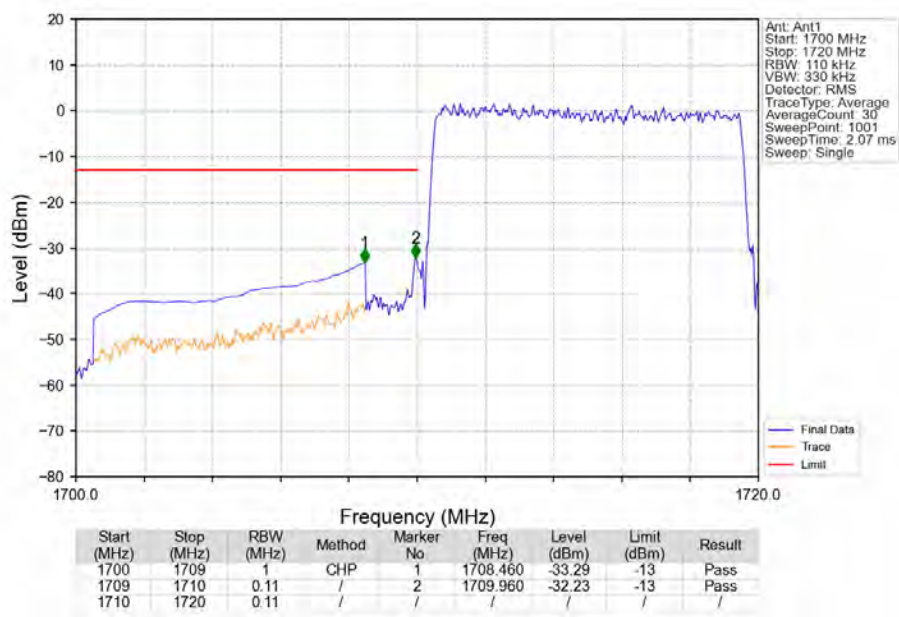
5.2.4 B66_10MHz



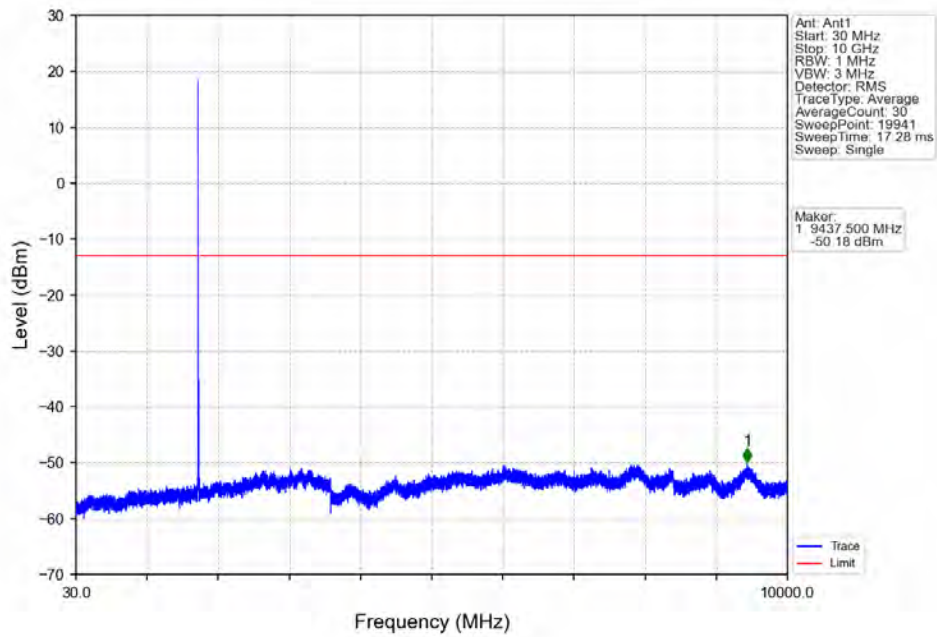
Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV



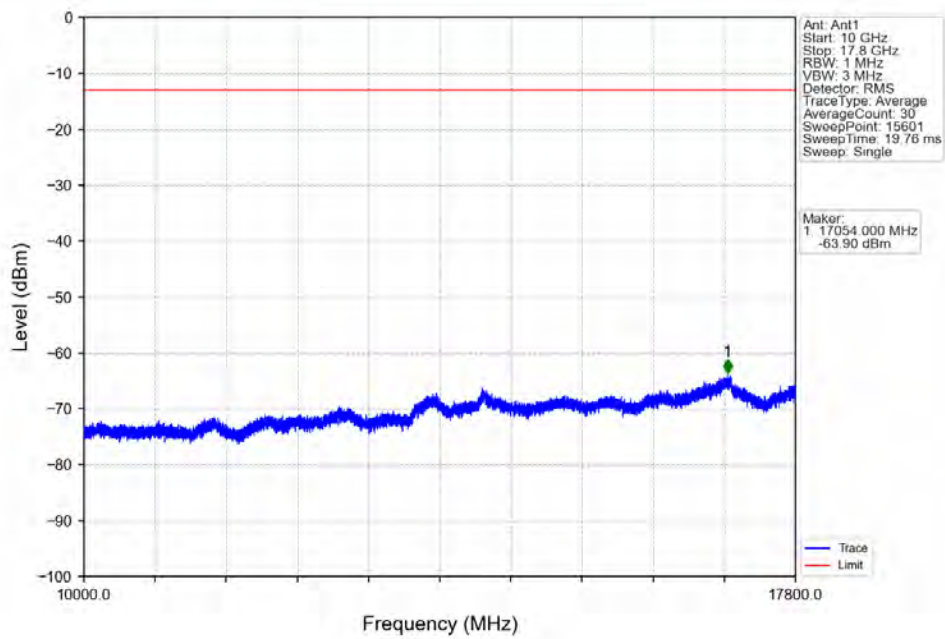
Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV



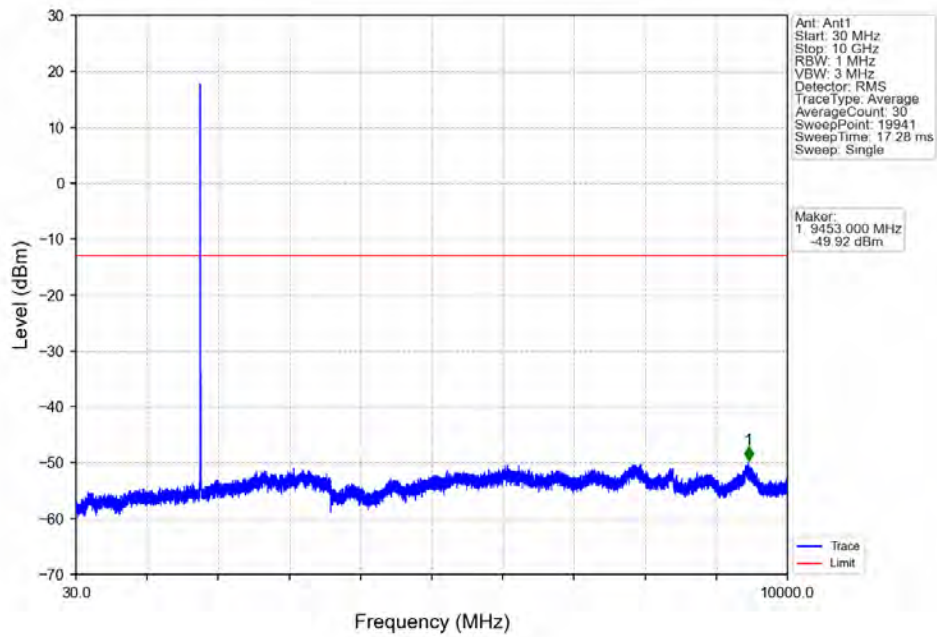
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



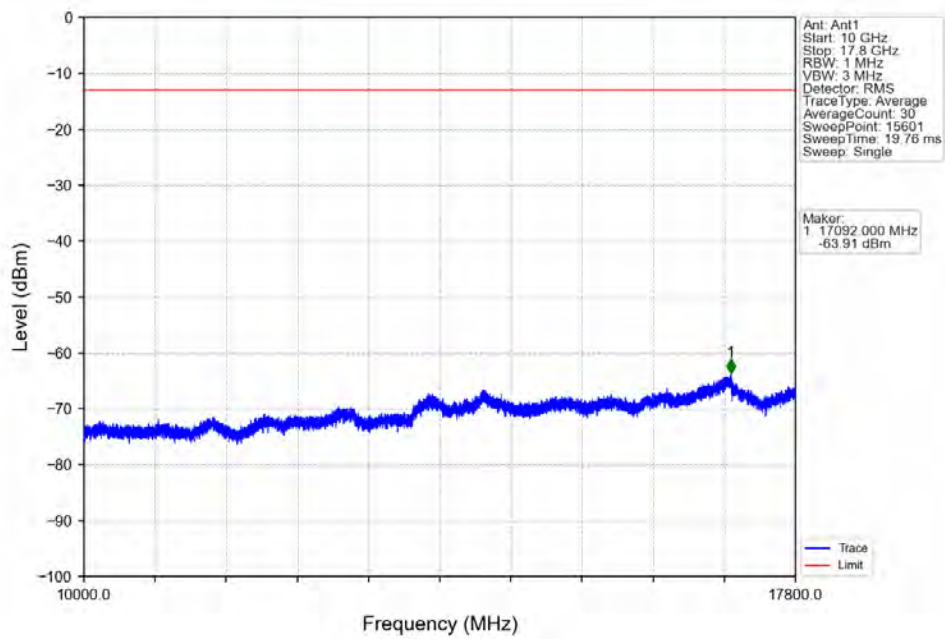
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTNV



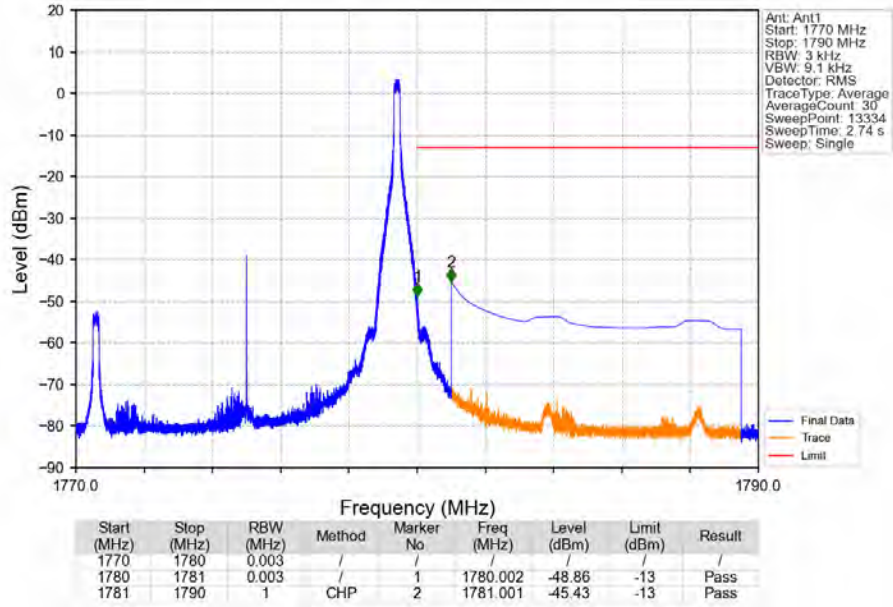
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



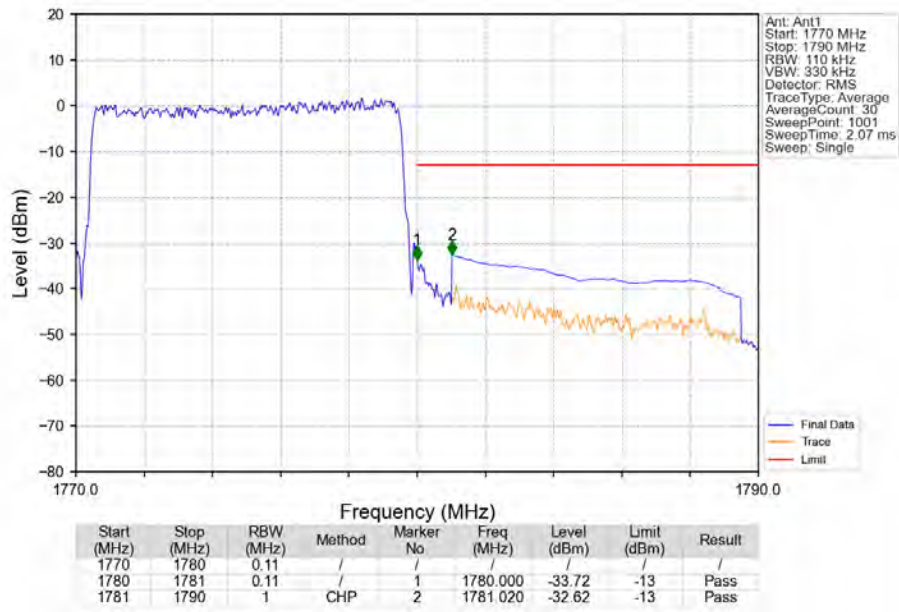
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



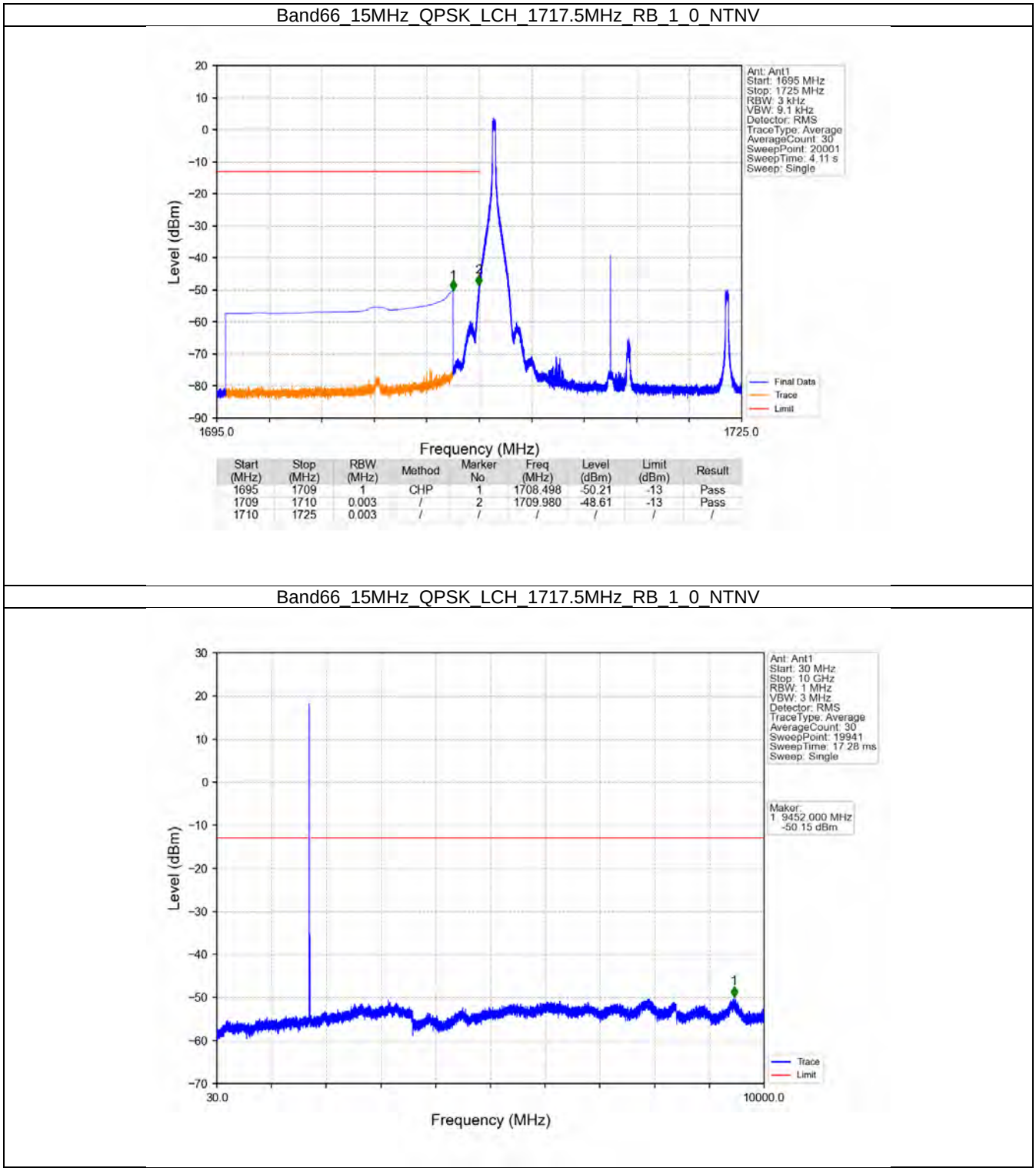
Band66 10MHz QPSK HCH 1775MHz RB 1 49 NTNV



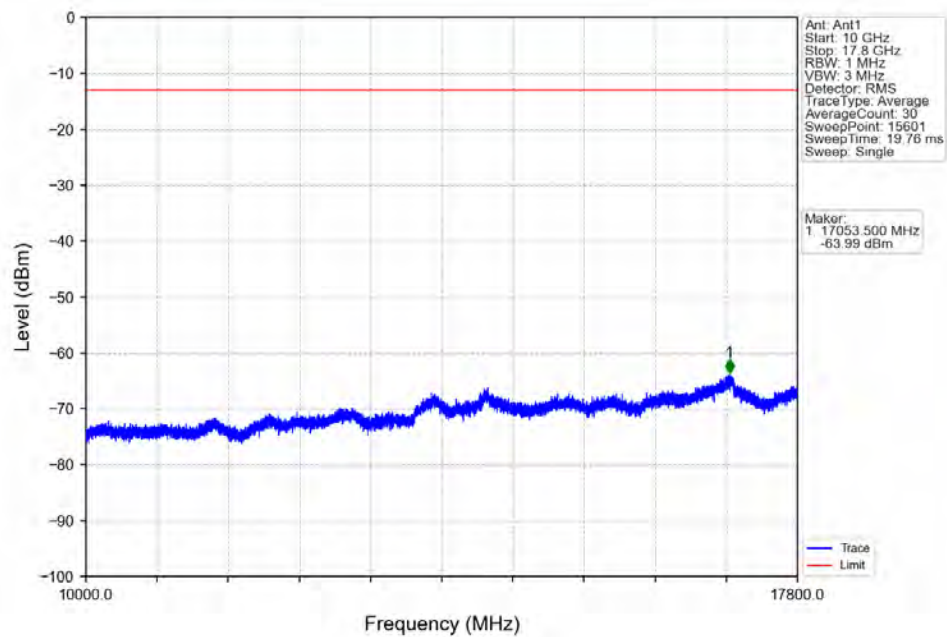
Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTNV



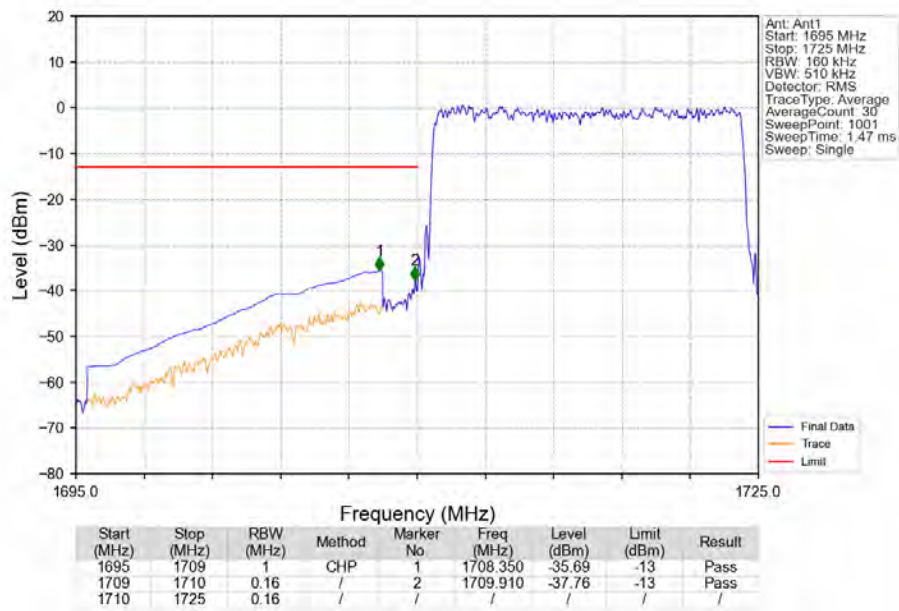
5.2.5 B66_15MHz



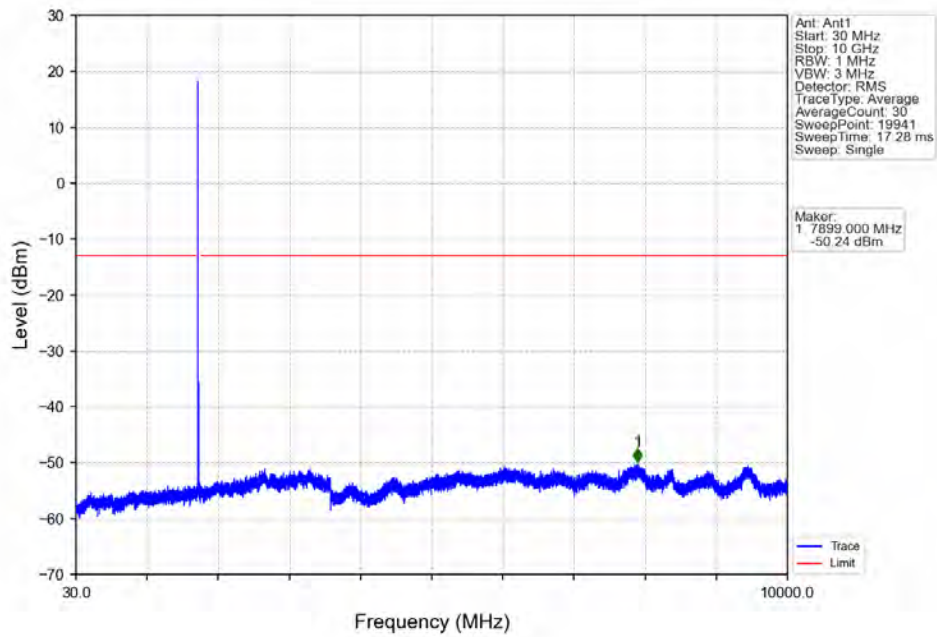
Band66 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV



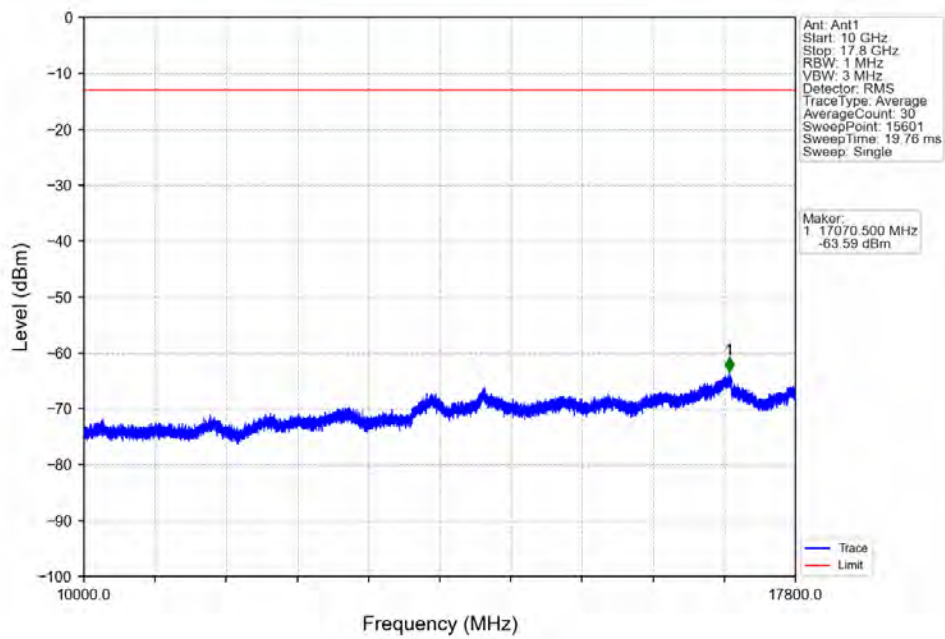
Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV



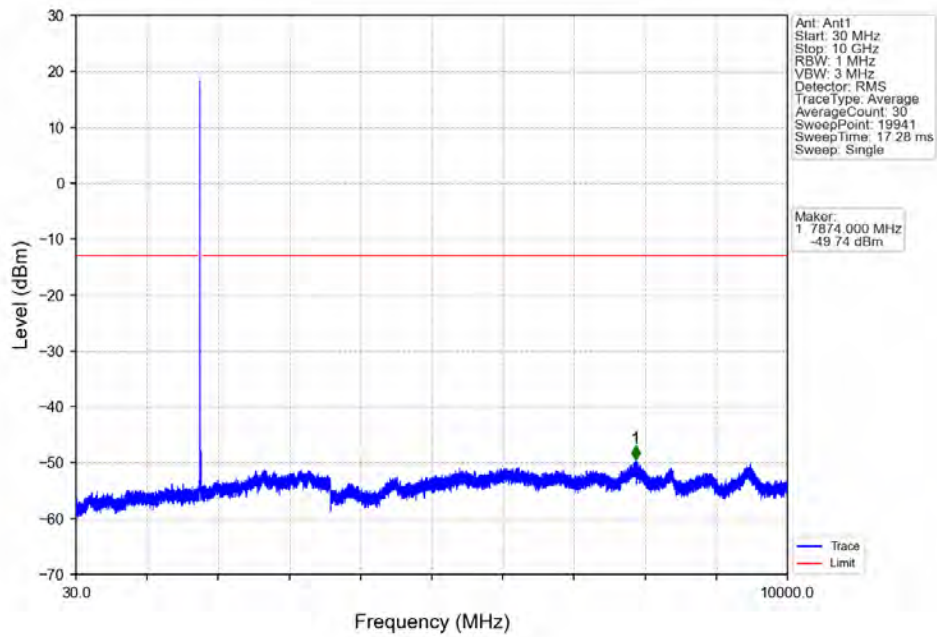
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



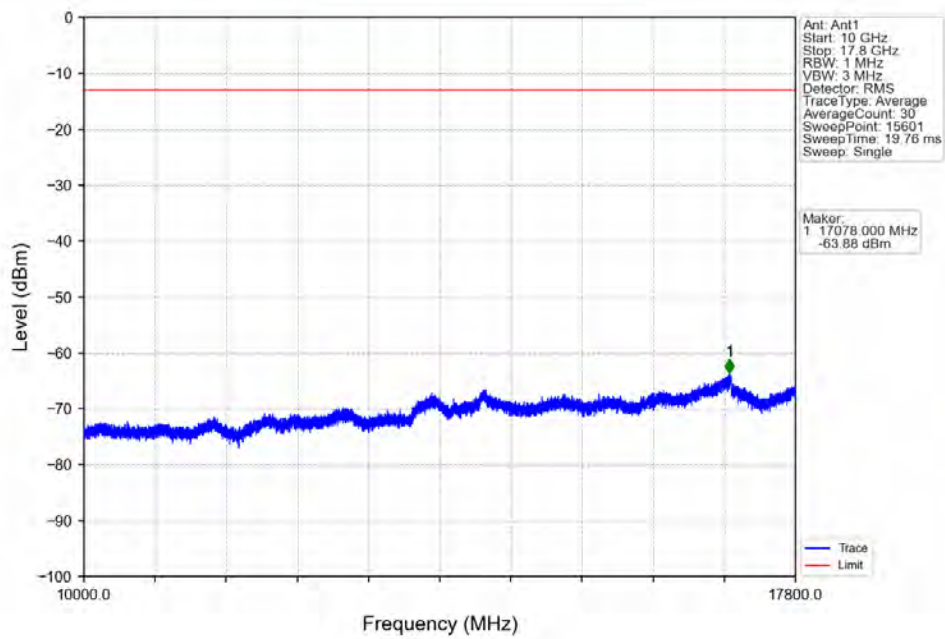
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTNV



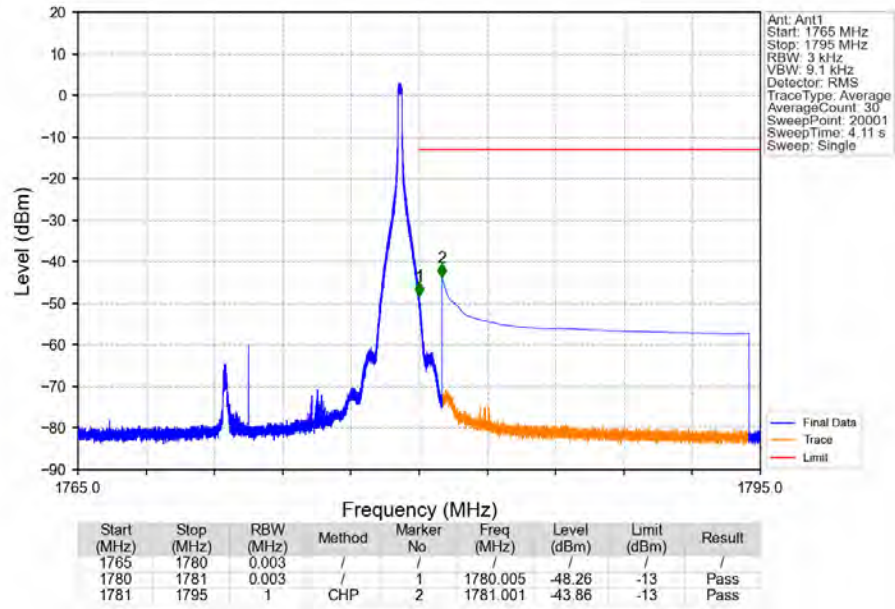
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTNV



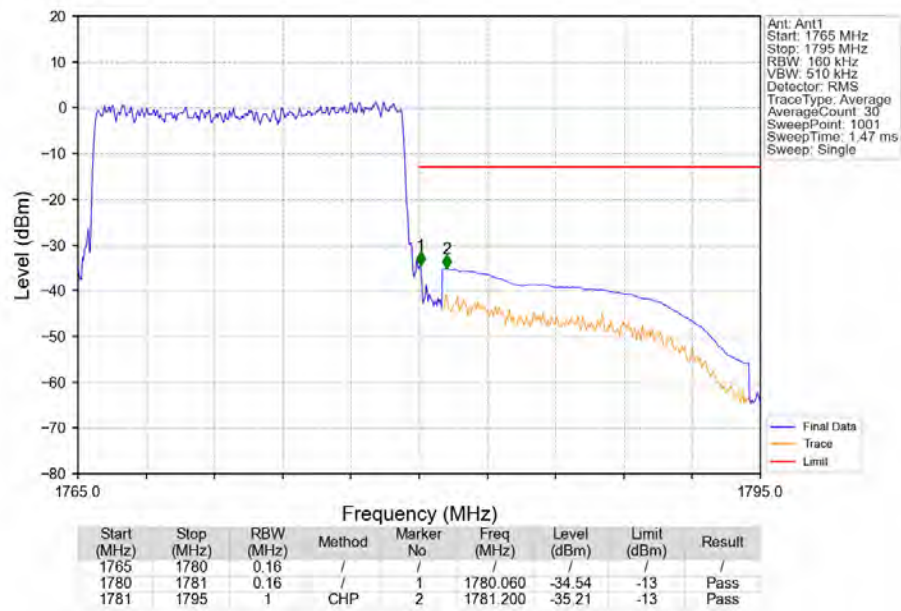
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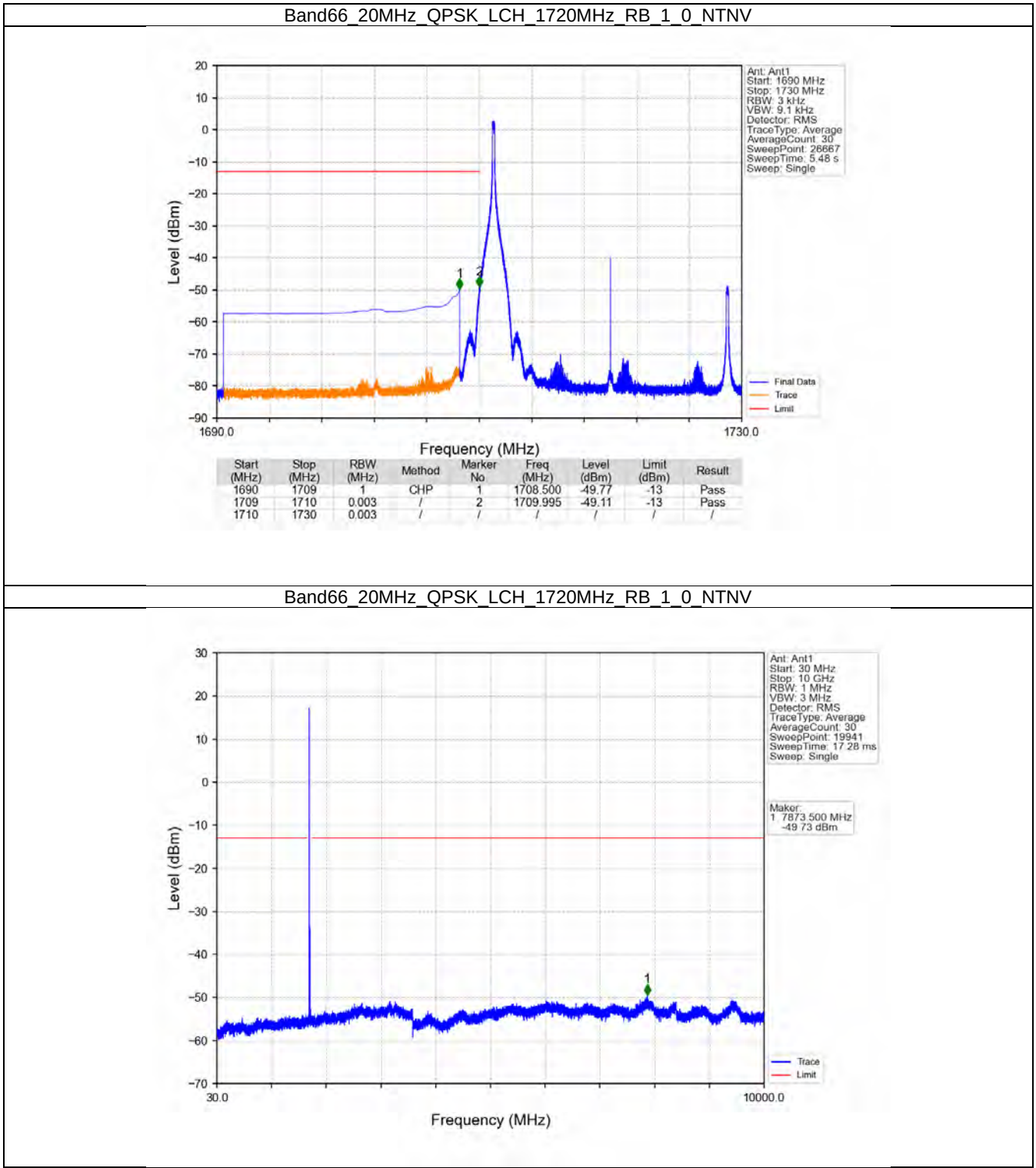
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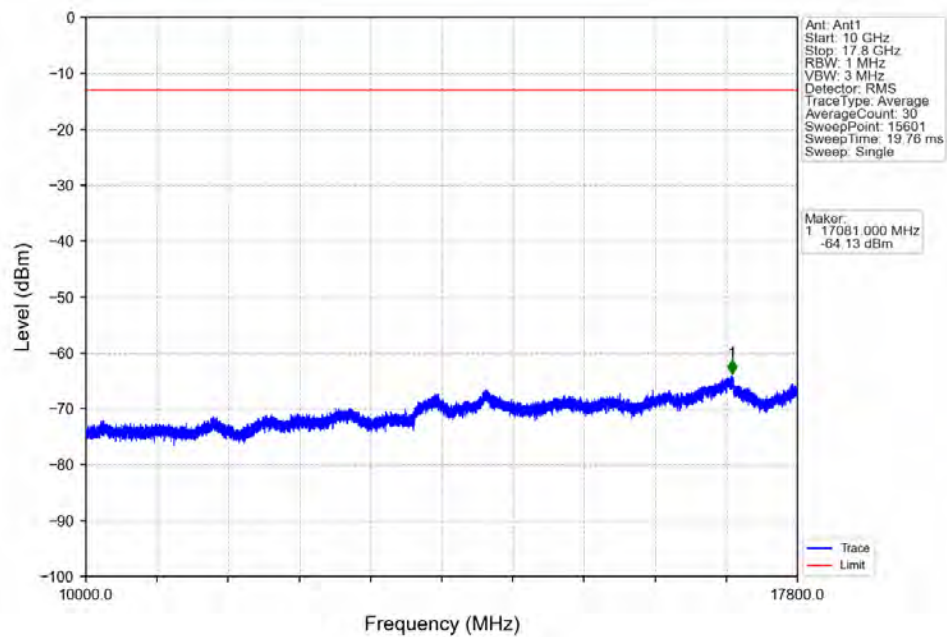
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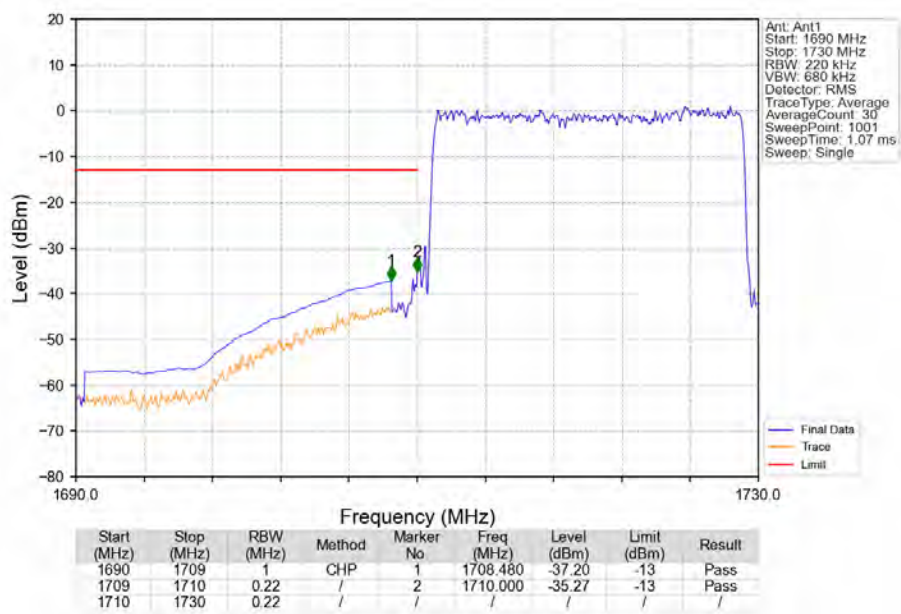
5.2.6 B66_20MHz



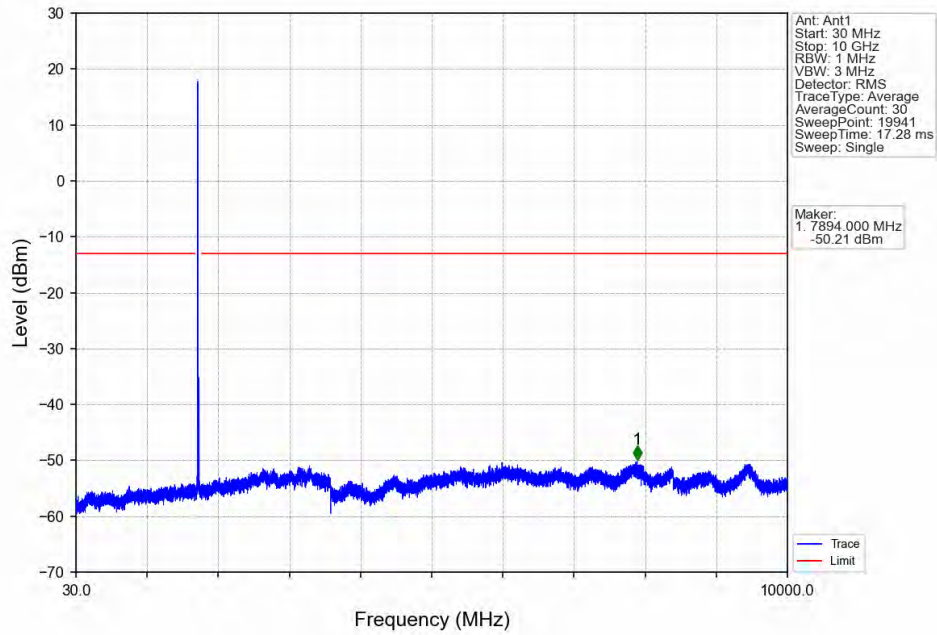
Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTN



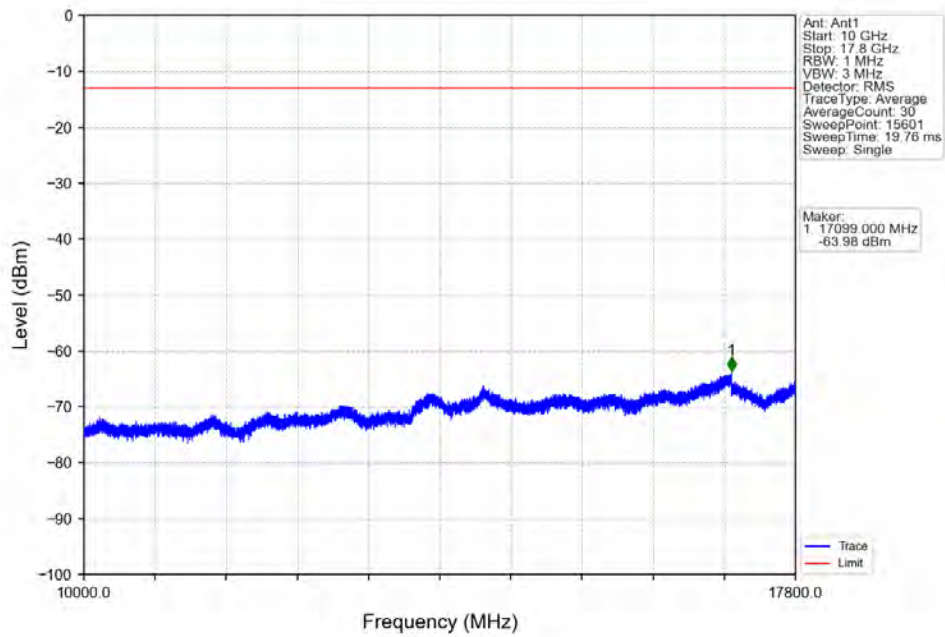
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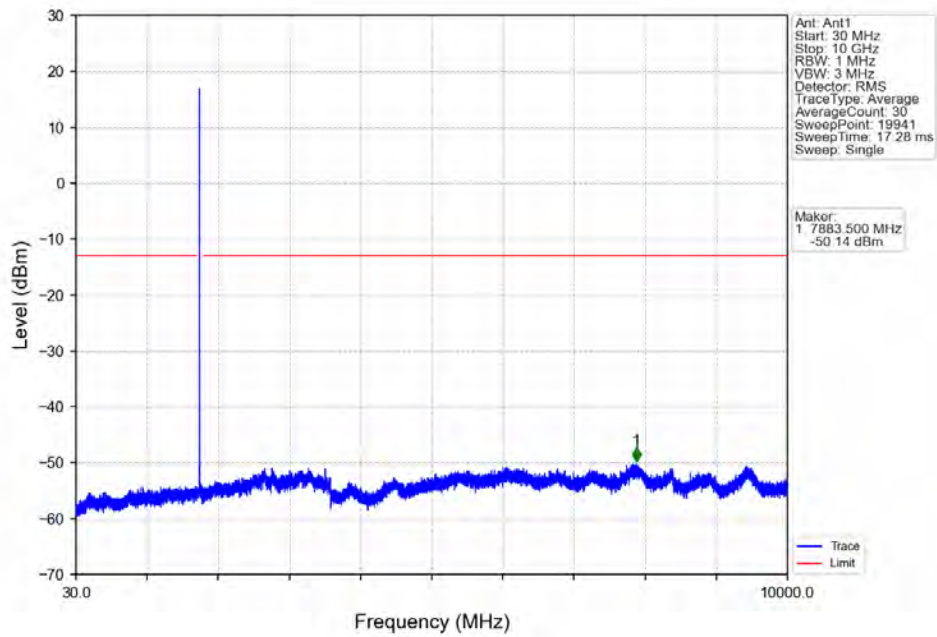
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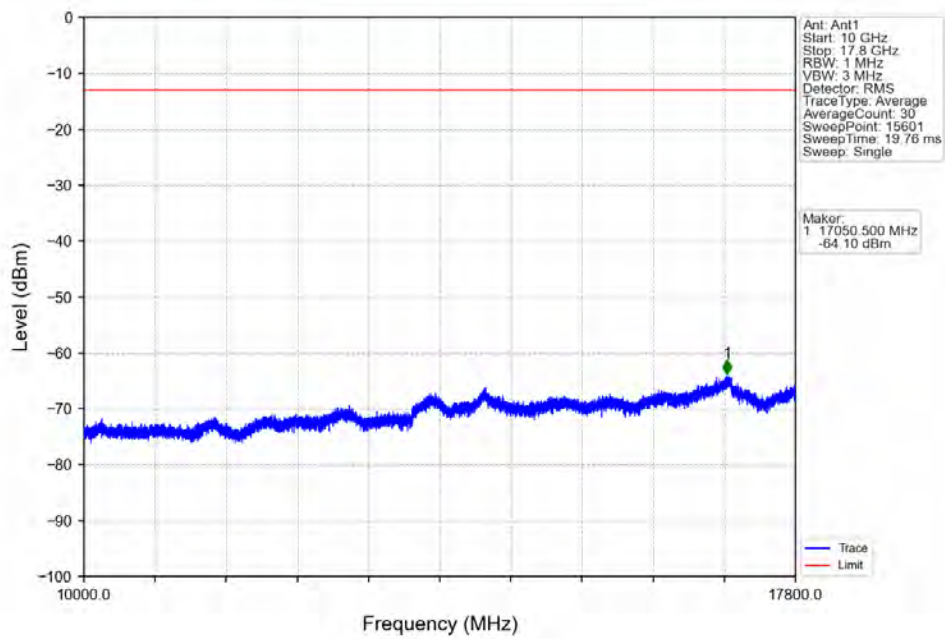
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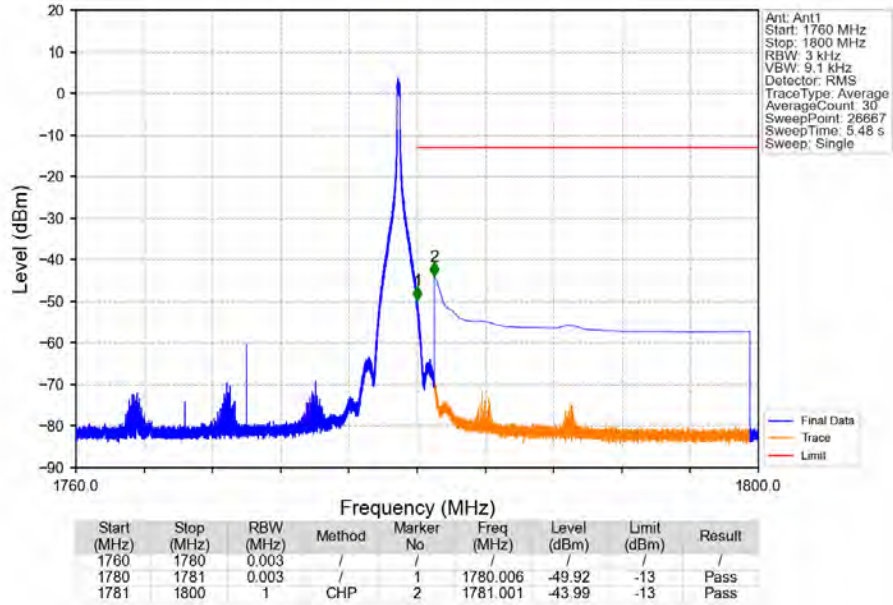
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



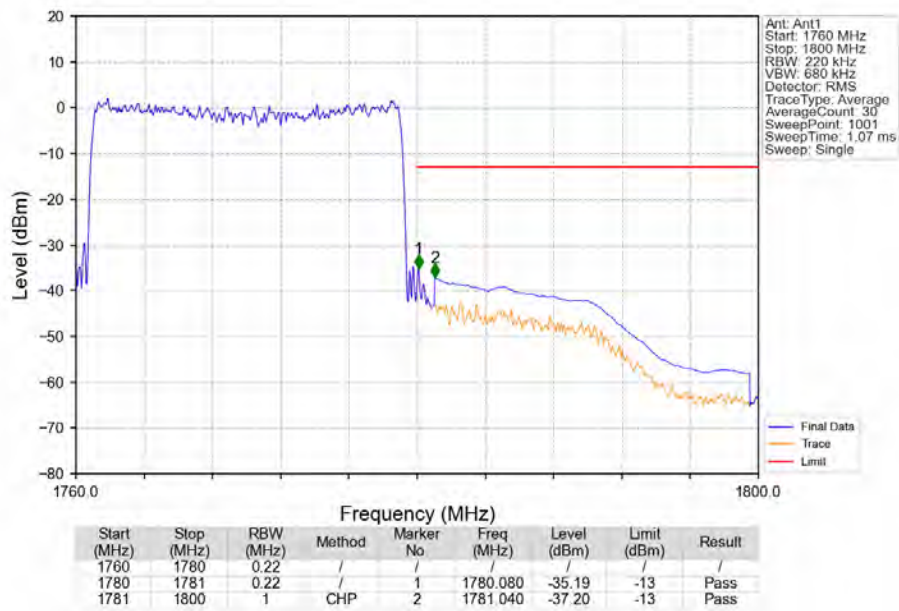
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



Band66 20MHz QPSK HCH 1770MHz RB 1 99 NTNV



Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



Field Strength of Spurious Radiation

LTE Band 66 ANT11-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-67.38	-13	-54.38	-72.0	3.36	7.98	Horizontal	Pass
5133.0	-62.7	-13	-49.7	-68.31	4.61	10.22	Horizontal	Pass
6844.0	-61.59	-13	-48.59	-67.62	4.9	10.93	Horizontal	Pass
3422.0	-67.22	-13	-54.22	-71.84	3.36	7.98	Vertical	Pass
5133.0	-63.04	-13	-50.04	-68.65	4.61	10.22	Vertical	Pass
6844.0	-61.43	-13	-48.43	-67.46	4.9	10.93	Vertical	Pass

LTE Band 66 ANT11-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-67.17	-13	-54.17	-71.88	3.39	8.1	Horizontal	Pass
5208.0	-62.68	-13	-49.68	-68.31	4.64	10.27	Horizontal	Pass
6944.0	-61.53	-13	-48.53	-67.68	4.91	11.06	Horizontal	Pass
3472.0	-67.16	-13	-54.16	-71.87	3.39	8.1	Vertical	Pass
5208.0	-63.58	-13	-50.58	-69.21	4.64	10.27	Vertical	Pass
6944.0	-61.67	-13	-48.67	-67.82	4.91	11.06	Vertical	Pass

LTE Band 66 ANT11-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3522.0	-67.06	-13	-54.06	-71.84	3.42	8.2	Horizontal	Pass
5283.0	-62.7	-13	-49.7	-68.36	4.66	10.32	Horizontal	Pass
7044.0	-60.92	-13	-47.92	-67.18	4.92	11.18	Horizontal	Pass
3522.0	-66.71	-13	-53.71	-71.49	3.42	8.2	Vertical	Pass
5283.0	-62.59	-13	-49.59	-68.25	4.66	10.32	Vertical	Pass
7044.0	-61.14	-13	-48.14	-67.4	4.92	11.18	Vertical	Pass

Remark:

- The field strength is calculated by adding the S.G.Power, Antenna Gain & Cable Loss. The basic equation with a sample calculation is as follows:

$$\text{EIRP} = \text{S.G. Power} + \text{Antenna Gain} - \text{Cable Loss}$$

$$\text{Over Limit} = \text{Limit} - \text{EIRP}$$
- All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---