1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP (ANT13)

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.43	-0.85	22.58	<=30	Pass
			2	23.46	-0.85	22.61	<=30	Pass
			5	23.39	-0.85	22.54	<=30	Pass
		3	0	23.49	-0.85	22.64	<=30	Pass
			2	23.47	-0.85	22.62	<=30	Pass
			3	23.47	-0.85	22.62	<=30	Pass
		6	0	22.51	-0.85	21.66	<=30	Pass
	1732.5	1	0	23.36	-0.85	22.51	<=30	Pass
			2	23.36	-0.85	22.51	<=30	Pass
			5	23.36	-0.85	22.51	<=30	Pass
		3	0	23.40	-0.85	22.55	<=30	Pass
			2	23.42	-0.85	22.57	<=30	Pass
			3	23.32	-0.85	22.47	<=30	Pass
		6	0	22.42	-0.85	21.57	<=30	Pass
	1754.3	1	0	23.30	-0.85	22.45	<=30	Pass
			2	23.26	-0.85	22.41	<=30	Pass
			5	23.25	-0.85	22.40	<=30	Pass
		3	0	23.27	-0.85	22.42	<=30	Pass
			2	23.30	-0.85	22.45	<=30	Pass
			3	23.30	-0.85	22.45	<=30	Pass
		6	0	22.30	-0.85	21.45	<=30	Pass
16QAM	1710.7	1	0	22.76	-0.85	21.91	<=30	Pass
			2	22.84	-0.85	21.99	<=30	Pass
			5	22.67	-0.85	21.82	<=30	Pass
		3	0	22.64	-0.85	21.79	<=30	Pass
			2	22.63	-0.85	21.78	<=30	Pass
			3	22.67	-0.85	21.82	<=30	Pass
		6	0	21.50	-0.85	20.65	<=30	Pass
	1732.5	1	0	22.67	-0.85	21.82	<=30	Pass
			2	22.77	-0.85	21.92	<=30	Pass
			5	22.69	-0.85	21.84	<=30	Pass
		3	0	22.56	-0.85	21.71	<=30	Pass
			2	22.59	-0.85	21.74	<=30	Pass
			3	22.51	-0.85	21.66	<=30	Pass
		6	0	21.59	-0.85	20.74	<=30	Pass
	1754.3	1	0	22.52	-0.85	21.67	<=30	Pass
			2	22.75	-0.85	21.90	<=30	Pass
			5	22.61	-0.85	21.76	<=30	Pass
		3	0	22.39	-0.85	21.54	<=30	Pass
			2	22.39	-0.85	21.54	<=30	Pass
			3	22.38	-0.85	21.53	<=30	Pass
		6	0	21.37	-0.85	20.52	<=30	Pass
64QAM	1710.7	1	0	22.59	-0.85	21.74	<=30	Pass
			2	22.75	-0.85	21.90	<=30	Pass
			5	22.81	-0.85	21.96	<=30	Pass
		3	0	22.59	-0.85	21.74	<=30	Pass
			2	22.54	-0.85	21.69	<=30	Pass
			3	22.49	-0.85	21.64	<=30	Pass
		6	0	21.47	-0.85	20.62	<=30	Pass

	1732.5	1	0	22.72	-0.85	21.87	<=30	Pass
			2	22.56	-0.85	21.71	<=30	Pass
			5	22.46	-0.85	21.61	<=30	Pass
		3	0	22.42	-0.85	21.57	<=30	Pass
			2	22.54	-0.85	21.69	<=30	Pass
			3	22.45	-0.85	21.60	<=30	Pass
		6	0	21.55	-0.85	20.70	<=30	Pass
	1754.3	1	0	22.47	-0.85	21.62	<=30	Pass
			2	22.47	-0.85	21.62	<=30	Pass
			5	22.24	-0.85	21.39	<=30	Pass
		3	0	22.38	-0.85	21.53	<=30	Pass
			2	22.34	-0.85	21.49	<=30	Pass
			3	22.40	-0.85	21.55	<=30	Pass
		6	0	21.31	-0.85	20.46	<=30	Pass
256QAM	1710.7	1	0	18.61	-0.85	17.76	<=30	Pass
			2	18.72	-0.85	17.87	<=30	Pass
			5	18.53	-0.85	17.68	<=30	Pass
		3	0	18.73	-0.85	17.88	<=30	Pass
			2	18.58	-0.85	17.73	<=30	Pass
			3	18.54	-0.85	17.69	<=30	Pass
		6	0	18.59	-0.85	17.74	<=30	Pass
	1732.5	1	0	18.47	-0.85	17.62	<=30	Pass
			2	18.66	-0.85	17.81	<=30	Pass
			5	18.46	-0.85	17.61	<=30	Pass
		3	0	18.37	-0.85	17.52	<=30	Pass
			2	18.54	-0.85	17.69	<=30	Pass
			3	18.60	-0.85	17.75	<=30	Pass
		6	0	18.42	-0.85	17.57	<=30	Pass
	1754.3	1	0	18.40	-0.85	17.55	<=30	Pass
			2	18.37	-0.85	17.52	<=30	Pass
			5	18.43	-0.85	17.58	<=30	Pass
		3	0	18.40	-0.85	17.55	<=30	Pass
			2	18.40	-0.85	17.55	<=30	Pass
			3	18.43	-0.85	17.58	<=30	Pass
		6	0	18.33	-0.85	17.48	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B4_3MHz_EIRP (ANT13)

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.48	-0.85	22.63	<=30	Pass
			7	23.49	-0.85	22.64	<=30	Pass
			14	23.44	-0.85	22.59	<=30	Pass
		8	0	22.58	-0.85	21.73	<=30	Pass
			4	22.65	-0.85	21.80	<=30	Pass
			7	22.59	-0.85	21.74	<=30	Pass
		15	0	22.64	-0.85	21.79	<=30	Pass
	1732.5	1	0	23.28	-0.85	22.43	<=30	Pass
			7	23.48	-0.85	22.63	<=30	Pass
			14	23.36	-0.85	22.51	<=30	Pass
		8	0	22.46	-0.85	21.61	<=30	Pass
			4	22.50	-0.85	21.65	<=30	Pass
			7	22.42	-0.85	21.57	<=30	Pass
		15	0	22.50	-0.85	21.65	<=30	Pass
	1753.5	1	0	23.20	-0.85	22.35	<=30	Pass

			7	23.33	-0.85	22.48	<=30	Pass
			14	23.29	-0.85	22.44	<=30	Pass
		8	0	22.38	-0.85	21.53	<=30	Pass
			4	22.38	-0.85	21.53	<=30	Pass
			7	22.35	-0.85	21.50	<=30	Pass
		15	0	22.34	-0.85	21.49	<=30	Pass
16QAM	1711.5	1	0	22.73	-0.85	21.88	<=30	Pass
			7	22.87	-0.85	22.02	<=30	Pass
			14	22.80	-0.85	21.95	<=30	Pass
		8	0	21.58	-0.85	20.73	<=30	Pass
			4	21.68	-0.85	20.83	<=30	Pass
			7	21.73	-0.85	20.88	<=30	Pass
		15	0	21.64	-0.85	20.79	<=30	Pass
	1732.5	1	0	22.61	-0.85	21.76	<=30	Pass
			7	22.87	-0.85	22.02	<=30	Pass
			14	22.66	-0.85	21.81	<=30	Pass
		8	0	21.62	-0.85	20.77	<=30	Pass
			4	21.53	-0.85	20.68	<=30	Pass
			7	21.53	-0.85	20.68	<=30	Pass
		15	0	21.53	-0.85	20.68	<=30	Pass
	1753.5	1	0	22.48	-0.85	21.63	<=30	Pass
			7	22.66	-0.85	21.81	<=30	Pass
			14	22.63	-0.85	21.78	<=30	Pass
		8	0	21.39	-0.85	20.54	<=30	Pass
			4	21.50	-0.85	20.65	<=30	Pass
			7	21.35	-0.85	20.50	<=30	Pass
		15	0	21.32	-0.85	20.47	<=30	Pass
64QAM	1711.5	1	0	22.72	-0.85	21.87	<=30	Pass
			7	22.72	-0.85	21.87	<=30	Pass
			14	22.64	-0.85	21.79	<=30	Pass
		8	0	21.65	-0.85	20.80	<=30	Pass
			4	21.62	-0.85	20.77	<=30	Pass
			7	21.66	-0.85	20.81	<=30	Pass
		15	0	21.59	-0.85	20.74	<=30	Pass
	1732.5	1	0	22.53	-0.85	21.68	<=30	Pass
			7	22.60	-0.85	21.75	<=30	Pass
			14	22.49	-0.85	21.64	<=30	Pass
		8	0	21.44	-0.85	20.59	<=30	Pass
			4	21.51	-0.85	20.66	<=30	Pass
			7	21.54	-0.85	20.69	<=30	Pass
		15	0	21.49	-0.85	20.64	<=30	Pass
	1753.5	1	0	22.41	-0.85	21.56	<=30	Pass
			7	22.35	-0.85	21.50	<=30	Pass
			14	22.45	-0.85	21.60	<=30	Pass
		8	0	21.37	-0.85	20.52	<=30	Pass
			4	21.39	-0.85	20.54	<=30	Pass
			7	21.32	-0.85	20.47	<=30	Pass
		15	0	21.36	-0.85	20.51	<=30	Pass
256QAM	1711.5	1	0	18.58	-0.85	17.73	<=30	Pass
			7	18.70	-0.85	17.85	<=30	Pass
			14	18.59	-0.85	17.74	<=30	Pass
		8	0	18.61	-0.85	17.76	<=30	Pass
			4	18.57	-0.85	17.72	<=30	Pass
			7	18.66	-0.85	17.81	<=30	Pass
		15	0	18.56	-0.85	17.71	<=30	Pass
	1732.5	1	0	18.55	-0.85	17.70	<=30	Pass
			7	18.56	-0.85	17.71	<=30	Pass
			14	18.54	-0.85	17.69	<=30	Pass
		8	0	18.51	-0.85	17.66	<=30	Pass

			4	18.52	-0.85	17.67	<=30	Pass
			7	18.55	-0.85	17.70	<=30	Pass
		15	0	18.48	-0.85	17.63	<=30	Pass
	1753.5	1	0	18.42	-0.85	17.57	<=30	Pass
			7	18.40	-0.85	17.55	<=30	Pass
			14	18.58	-0.85	17.73	<=30	Pass
		8	0	18.36	-0.85	17.51	<=30	Pass
			4	18.53	-0.85	17.68	<=30	Pass
			7	18.48	-0.85	17.63	<=30	Pass
		15	0	18.45	-0.85	17.60	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP (ANT13)

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.42	-0.85	22.57	<=30	Pass
			13	23.55	-0.85	22.70	<=30	Pass
			24	23.45	-0.85	22.60	<=30	Pass
		12	0	22.61	-0.85	21.76	<=30	Pass
			6	22.55	-0.85	21.70	<=30	Pass
			13	22.58	-0.85	21.73	<=30	Pass
		25	0	22.59	-0.85	21.74	<=30	Pass
	1732.5	1	0	23.33	-0.85	22.48	<=30	Pass
			13	23.36	-0.85	22.51	<=30	Pass
			24	23.35	-0.85	22.50	<=30	Pass
		12	0	22.49	-0.85	21.64	<=30	Pass
			6	22.50	-0.85	21.65	<=30	Pass
			13	22.42	-0.85	21.57	<=30	Pass
		25	0	22.45	-0.85	21.60	<=30	Pass
	1752.5	1	0	23.31	-0.85	22.46	<=30	Pass
			13	23.36	-0.85	22.51	<=30	Pass
			24	23.21	-0.85	22.36	<=30	Pass
		12	0	22.35	-0.85	21.50	<=30	Pass
			6	22.41	-0.85	21.56	<=30	Pass
			13	22.34	-0.85	21.49	<=30	Pass
		25	0	22.39	-0.85	21.54	<=30	Pass
16QAM	1712.5	1	0	22.72	-0.85	21.87	<=30	Pass
			13	22.88	-0.85	22.03	<=30	Pass
			24	22.89	-0.85	22.04	<=30	Pass
		12	0	21.69	-0.85	20.84	<=30	Pass
			6	21.68	-0.85	20.83	<=30	Pass
			13	21.69	-0.85	20.84	<=30	Pass
		25	0	21.57	-0.85	20.72	<=30	Pass
	1732.5	1	0	22.72	-0.85	21.87	<=30	Pass
			13	22.82	-0.85	21.97	<=30	Pass
			24	22.70	-0.85	21.85	<=30	Pass
		12	0	21.50	-0.85	20.65	<=30	Pass
			6	21.61	-0.85	20.76	<=30	Pass
			13	21.54	-0.85	20.69	<=30	Pass
		25	0	21.46	-0.85	20.61	<=30	Pass
	1752.5	1	0	22.49	-0.85	21.64	<=30	Pass
			13	22.77	-0.85	21.92	<=30	Pass
			24	22.58	-0.85	21.73	<=30	Pass
		12	0	21.49	-0.85	20.64	<=30	Pass
			6	21.49	-0.85	20.64	<=30	Pass

			13	21.47	-0.85	20.62	<=30	Pass
		25	0	21.41	-0.85	20.56	<=30	Pass
64QAM	1712.5	1	0	22.64	-0.85	21.79	<=30	Pass
			13	22.65	-0.85	21.80	<=30	Pass
			24	22.69	-0.85	21.84	<=30	Pass
		12	0	21.61	-0.85	20.76	<=30	Pass
			6	21.63	-0.85	20.78	<=30	Pass
			13	21.63	-0.85	20.78	<=30	Pass
		25	0	21.54	-0.85	20.69	<=30	Pass
	1732.5	1	0	22.62	-0.85	21.77	<=30	Pass
			13	22.57	-0.85	21.72	<=30	Pass
			24	22.70	-0.85	21.85	<=30	Pass
		12	0	21.51	-0.85	20.66	<=30	Pass
			6	21.58	-0.85	20.73	<=30	Pass
			13	21.53	-0.85	20.68	<=30	Pass
		25	0	21.57	-0.85	20.72	<=30	Pass
	1752.5	1	0	22.40	-0.85	21.55	<=30	Pass
			13	22.67	-0.85	21.82	<=30	Pass
			24	22.57	-0.85	21.72	<=30	Pass
		12	0	21.44	-0.85	20.59	<=30	Pass
			6	21.48	-0.85	20.63	<=30	Pass
			13	21.45	-0.85	20.60	<=30	Pass
		25	0	21.41	-0.85	20.56	<=30	Pass
256QAM	1712.5	1	0	18.64	-0.85	17.79	<=30	Pass
			13	18.79	-0.85	17.94	<=30	Pass
			24	18.64	-0.85	17.79	<=30	Pass
		12	0	18.62	-0.85	17.77	<=30	Pass
			6	18.68	-0.85	17.83	<=30	Pass
			13	18.61	-0.85	17.76	<=30	Pass
		25	0	18.62	-0.85	17.77	<=30	Pass
	1732.5	1	0	18.53	-0.85	17.68	<=30	Pass
			13	18.77	-0.85	17.92	<=30	Pass
			24	18.62	-0.85	17.77	<=30	Pass
		12	0	18.46	-0.85	17.61	<=30	Pass
			6	18.59	-0.85	17.74	<=30	Pass
			13	18.52	-0.85	17.67	<=30	Pass
		25	0	18.55	-0.85	17.70	<=30	Pass
	1752.5	1	0	18.44	-0.85	17.59	<=30	Pass
			13	18.42	-0.85	17.57	<=30	Pass
			24	18.58	-0.85	17.73	<=30	Pass
		12	0	18.39	-0.85	17.54	<=30	Pass
			6	18.44	-0.85	17.59	<=30	Pass
			13	18.44	-0.85	17.59	<=30	Pass
		25	0	18.36	-0.85	17.51	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B4_10MHz_EIRP (ANT13)

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.49	-0.85	22.64	<=30	Pass
			25	23.59	-0.85	22.74	<=30	Pass
			49	23.50	-0.85	22.65	<=30	Pass
		25	0	22.54	-0.85	21.69	<=30	Pass
			13	22.55	-0.85	21.70	<=30	Pass
			25	22.57	-0.85	21.72	<=30	Pass

		50	0	22.53	-0.85	21.68	<=30	Pass
	1732.5	1	0	23.44	-0.85	22.59	<=30	Pass
			25	23.59	-0.85	22.74	<=30	Pass
			49	23.37	-0.85	22.52	<=30	Pass
		25	0	22.49	-0.85	21.64	<=30	Pass
			13	22.44	-0.85	21.59	<=30	Pass
			25	22.45	-0.85	21.60	<=30	Pass
		50	0	22.34	-0.85	21.49	<=30	Pass
	1750	1	0	23.30	-0.85	22.45	<=30	Pass
			25	23.41	-0.85	22.56	<=30	Pass
			49	23.26	-0.85	22.41	<=30	Pass
		25	0	22.37	-0.85	21.52	<=30	Pass
			13	22.48	-0.85	21.63	<=30	Pass
			25	22.38	-0.85	21.53	<=30	Pass
		50	0	22.36	-0.85	21.51	<=30	Pass
16QAM	1715	1	0	22.80	-0.85	21.95	<=30	Pass
			25	22.84	-0.85	21.99	<=30	Pass
			49	22.83	-0.85	21.98	<=30	Pass
		25	0	21.57	-0.85	20.72	<=30	Pass
			13	21.61	-0.85	20.76	<=30	Pass
			25	21.55	-0.85	20.70	<=30	Pass
		50	0	21.61	-0.85	20.76	<=30	Pass
	1732.5	1	0	22.73	-0.85	21.88	<=30	Pass
			25	22.68	-0.85	21.83	<=30	Pass
			49	22.70	-0.85	21.85	<=30	Pass
		25	0	21.59	-0.85	20.74	<=30	Pass
			13	21.43	-0.85	20.58	<=30	Pass
			25	21.45	-0.85	20.60	<=30	Pass
		50	0	21.45	-0.85	20.60	<=30	Pass
	1750	1	0	22.40	-0.85	21.55	<=30	Pass
			25	22.61	-0.85	21.76	<=30	Pass
			49	22.56	-0.85	21.71	<=30	Pass
		25	0	21.31	-0.85	20.46	<=30	Pass
			13	21.47	-0.85	20.62	<=30	Pass
			25	21.44	-0.85	20.59	<=30	Pass
		50	0	21.45	-0.85	20.60	<=30	Pass
64QAM	1715	1	0	22.74	-0.85	21.89	<=30	Pass
			25	22.81	-0.85	21.96	<=30	Pass
			49	22.66	-0.85	21.81	<=30	Pass
		25	0	21.59	-0.85	20.74	<=30	Pass
			13	21.61	-0.85	20.76	<=30	Pass
			25	21.62	-0.85	20.77	<=30	Pass
		50	0	21.57	-0.85	20.72	<=30	Pass
	1732.5	1	0	22.59	-0.85	21.74	<=30	Pass
			25	22.57	-0.85	21.72	<=30	Pass
			49	22.65	-0.85	21.80	<=30	Pass
		25	0	21.51	-0.85	20.66	<=30	Pass
			13	21.46	-0.85	20.61	<=30	Pass
			25	21.40	-0.85	20.55	<=30	Pass
		50	0	21.44	-0.85	20.59	<=30	Pass
	1750	1	0	22.41	-0.85	21.56	<=30	Pass
			25	22.50	-0.85	21.65	<=30	Pass
			49	22.56	-0.85	21.71	<=30	Pass
		25	0	21.43	-0.85	20.58	<=30	Pass
			13	21.44	-0.85	20.59	<=30	Pass
			25	21.46	-0.85	20.61	<=30	Pass
		50	0	21.45	-0.85	20.60	<=30	Pass
256QAM	1715	1	0	18.80	-0.85	17.95	<=30	Pass
			25	18.28	-0.85	17.43	<=30	Pass

			49	18.70	-0.85	17.85	<=30	Pass
		25	0	18.63	-0.85	17.78	<=30	Pass
			13	18.61	-0.85	17.76	<=30	Pass
			25	18.55	-0.85	17.70	<=30	Pass
		50	0	18.53	-0.85	17.68	<=30	Pass
	1732.5	1	0	18.41	-0.85	17.56	<=30	Pass
			25	18.50	-0.85	17.65	<=30	Pass
			49	18.57	-0.85	17.72	<=30	Pass
		25	0	18.28	-0.85	17.43	<=30	Pass
			13	18.53	-0.85	17.68	<=30	Pass
			25	18.48	-0.85	17.63	<=30	Pass
		50	0	18.43	-0.85	17.58	<=30	Pass
	1750	1	0	18.36	-0.85	17.51	<=30	Pass
			25	18.37	-0.85	17.52	<=30	Pass
			49	18.82	-0.85	17.97	<=30	Pass
		25	0	18.48	-0.85	17.63	<=30	Pass
			13	18.42	-0.85	17.57	<=30	Pass
			25	18.45	-0.85	17.60	<=30	Pass
		50	0	18.41	-0.85	17.56	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP (ANT13)

Band: 4 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	23.32	-0.85	22.47	<=30	Pass
			38	23.28	-0.85	22.43	<=30	Pass
			74	23.39	-0.85	22.54	<=30	Pass
		36	0	22.47	-0.85	21.62	<=30	Pass
			18	22.50	-0.85	21.65	<=30	Pass
			39	22.44	-0.85	21.59	<=30	Pass
		75	0	22.27	-0.85	21.42	<=30	Pass
	1732.5	1	0	23.26	-0.85	22.41	<=30	Pass
			38	23.19	-0.85	22.34	<=30	Pass
			74	23.29	-0.85	22.44	<=30	Pass
		36	0	22.40	-0.85	21.55	<=30	Pass
			18	22.39	-0.85	21.54	<=30	Pass
			39	22.31	-0.85	21.46	<=30	Pass
		75	0	22.33	-0.85	21.48	<=30	Pass
	1747.5	1	0	23.14	-0.85	22.29	<=30	Pass
			38	23.16	-0.85	22.31	<=30	Pass
			74	23.20	-0.85	22.35	<=30	Pass
		36	0	22.33	-0.85	21.48	<=30	Pass
			18	22.35	-0.85	21.50	<=30	Pass
			39	22.26	-0.85	21.41	<=30	Pass
		75	0	22.34	-0.85	21.49	<=30	Pass
16QAM	1717.5	1	0	22.50	-0.85	21.65	<=30	Pass
			38	22.71	-0.85	21.86	<=30	Pass
			74	22.58	-0.85	21.73	<=30	Pass
		36	0	21.52	-0.85	20.67	<=30	Pass
			18	21.47	-0.85	20.62	<=30	Pass
			39	21.32	-0.85	20.47	<=30	Pass
		75	0	21.34	-0.85	20.49	<=30	Pass
	1732.5	1	0	22.62	-0.85	21.77	<=30	Pass
			38	22.70	-0.85	21.85	<=30	Pass
			74	22.67	-0.85	21.82	<=30	Pass

		36	0	21.39	-0.85	20.54	<=30	Pass
			18	21.30	-0.85	20.45	<=30	Pass
			39	21.34	-0.85	20.49	<=30	Pass
		75	0	21.29	-0.85	20.44	<=30	Pass
	1747.5	1	0	22.31	-0.85	21.46	<=30	Pass
			38	22.41	-0.85	21.56	<=30	Pass
			74	22.46	-0.85	21.61	<=30	Pass
		36	0	21.27	-0.85	20.42	<=30	Pass
			18	21.32	-0.85	20.47	<=30	Pass
			39	21.28	-0.85	20.43	<=30	Pass
		75	0	21.33	-0.85	20.48	<=30	Pass
64QAM	1717.5	1	0	22.38	-0.85	21.53	<=30	Pass
			38	22.46	-0.85	21.61	<=30	Pass
			74	22.70	-0.85	21.85	<=30	Pass
		36	0	21.40	-0.85	20.55	<=30	Pass
			18	21.45	-0.85	20.60	<=30	Pass
			39	21.50	-0.85	20.65	<=30	Pass
		75	0	21.44	-0.85	20.59	<=30	Pass
	1732.5	1	0	22.41	-0.85	21.56	<=30	Pass
			38	22.44	-0.85	21.59	<=30	Pass
			74	22.49	-0.85	21.64	<=30	Pass
		36	0	21.41	-0.85	20.56	<=30	Pass
			18	21.30	-0.85	20.45	<=30	Pass
			39	21.35	-0.85	20.50	<=30	Pass
		75	0	21.35	-0.85	20.50	<=30	Pass
	1747.5	1	0	22.43	-0.85	21.58	<=30	Pass
			38	22.31	-0.85	21.46	<=30	Pass
			74	22.31	-0.85	21.46	<=30	Pass
		36	0	21.37	-0.85	20.52	<=30	Pass
			18	21.29	-0.85	20.44	<=30	Pass
			39	21.26	-0.85	20.41	<=30	Pass
		75	0	21.30	-0.85	20.45	<=30	Pass
256QAM	1717.5	1	0	18.56	-0.85	17.71	<=30	Pass
			38	18.39	-0.85	17.54	<=30	Pass
			74	18.44	-0.85	17.59	<=30	Pass
		36	0	18.45	-0.85	17.60	<=30	Pass
			18	18.47	-0.85	17.62	<=30	Pass
			39	18.43	-0.85	17.58	<=30	Pass
		75	0	18.46	-0.85	17.61	<=30	Pass
	1732.5	1	0	18.38	-0.85	17.53	<=30	Pass
			38	18.41	-0.85	17.56	<=30	Pass
			74	18.57	-0.85	17.72	<=30	Pass
		36	0	18.35	-0.85	17.50	<=30	Pass
			18	18.31	-0.85	17.46	<=30	Pass
			39	18.34	-0.85	17.49	<=30	Pass
		75	0	18.32	-0.85	17.47	<=30	Pass
	1747.5	1	0	18.34	-0.85	17.49	<=30	Pass
			38	18.25	-0.85	17.40	<=30	Pass
			74	18.87	-0.85	18.02	<=30	Pass
		36	0	18.02	-0.85	17.17	<=30	Pass
			18	18.35	-0.85	17.50	<=30	Pass
			39	18.31	-0.85	17.46	<=30	Pass
		75	0	18.26	-0.85	17.41	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP (ANT13)

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.39	-0.85	22.54	<=30	Pass
			50	23.33	-0.85	22.48	<=30	Pass
			99	23.39	-0.85	22.54	<=30	Pass
		50	0	22.43	-0.85	21.58	<=30	Pass
			25	22.36	-0.85	21.51	<=30	Pass
			50	22.38	-0.85	21.53	<=30	Pass
		100	0	22.38	-0.85	21.53	<=30	Pass
	1732.5	1	0	23.26	-0.85	22.41	<=30	Pass
			50	23.27	-0.85	22.42	<=30	Pass
			99	23.24	-0.85	22.39	<=30	Pass
		50	0	22.38	-0.85	21.53	<=30	Pass
			25	22.28	-0.85	21.43	<=30	Pass
			50	22.39	-0.85	21.54	<=30	Pass
		100	0	22.26	-0.85	21.41	<=30	Pass
	1745	1	0	23.18	-0.85	22.33	<=30	Pass
			50	23.20	-0.85	22.35	<=30	Pass
			99	23.12	-0.85	22.27	<=30	Pass
		50	0	22.24	-0.85	21.39	<=30	Pass
			25	22.31	-0.85	21.46	<=30	Pass
			50	22.35	-0.85	21.50	<=30	Pass
		100	0	22.29	-0.85	21.44	<=30	Pass
16QAM	1720	1	0	22.68	-0.85	21.83	<=30	Pass
			50	22.68	-0.85	21.83	<=30	Pass
			99	22.61	-0.85	21.76	<=30	Pass
		50	0	21.39	-0.85	20.54	<=30	Pass
			25	21.43	-0.85	20.58	<=30	Pass
			50	21.30	-0.85	20.45	<=30	Pass
		100	0	21.36	-0.85	20.51	<=30	Pass
	1732.5	1	0	22.53	-0.85	21.68	<=30	Pass
			50	22.67	-0.85	21.82	<=30	Pass
			99	22.64	-0.85	21.79	<=30	Pass
		50	0	21.39	-0.85	20.54	<=30	Pass
			25	21.39	-0.85	20.54	<=30	Pass
			50	21.28	-0.85	20.43	<=30	Pass
		100	0	21.31	-0.85	20.46	<=30	Pass
	1745	1	0	22.32	-0.85	21.47	<=30	Pass
			50	22.39	-0.85	21.54	<=30	Pass
			99	22.52	-0.85	21.67	<=30	Pass
		50	0	21.32	-0.85	20.47	<=30	Pass
			25	21.39	-0.85	20.54	<=30	Pass
			50	21.33	-0.85	20.48	<=30	Pass
		100	0	21.35	-0.85	20.50	<=30	Pass
64QAM	1720	1	0	22.40	-0.85	21.55	<=30	Pass
			50	22.39	-0.85	21.54	<=30	Pass
			99	22.63	-0.85	21.78	<=30	Pass
		50	0	21.46	-0.85	20.61	<=30	Pass
			25	21.31	-0.85	20.46	<=30	Pass
			50	21.43	-0.85	20.58	<=30	Pass
		100	0	21.40	-0.85	20.55	<=30	Pass
	1732.5	1	0	22.46	-0.85	21.61	<=30	Pass
			50	22.39	-0.85	21.54	<=30	Pass
			99	22.29	-0.85	21.44	<=30	Pass
		50	0	21.38	-0.85	20.53	<=30	Pass
			25	21.29	-0.85	20.44	<=30	Pass
			50	21.40	-0.85	20.55	<=30	Pass
		100	0	21.27	-0.85	20.42	<=30	Pass

	1745	1	0	22.37	-0.85	21.52	<=30	Pass
			50	22.36	-0.85	21.51	<=30	Pass
			99	22.38	-0.85	21.53	<=30	Pass
		50	0	21.31	-0.85	20.46	<=30	Pass
			25	21.38	-0.85	20.53	<=30	Pass
			50	21.34	-0.85	20.49	<=30	Pass
		100	0	21.35	-0.85	20.50	<=30	Pass
256QAM	1720	1	0	18.69	-0.85	17.84	<=30	Pass
			50	18.44	-0.85	17.59	<=30	Pass
			99	19.59	-0.85	18.74	<=30	Pass
		50	0	18.03	-0.85	17.18	<=30	Pass
			25	18.35	-0.85	17.50	<=30	Pass
			50	18.46	-0.85	17.61	<=30	Pass
		100	0	18.41	-0.85	17.56	<=30	Pass
	1732.5	1	0	18.42	-0.85	17.57	<=30	Pass
			50	18.52	-0.85	17.67	<=30	Pass
			99	18.48	-0.85	17.63	<=30	Pass
		50	0	18.15	-0.85	17.30	<=30	Pass
			25	18.38	-0.85	17.53	<=30	Pass
			50	18.39	-0.85	17.54	<=30	Pass
		100	0	18.44	-0.85	17.59	<=30	Pass
	1745	1	0	18.57	-0.85	17.72	<=30	Pass
			50	18.27	-0.85	17.42	<=30	Pass
			99	18.06	-0.85	17.21	<=30	Pass
		50	0	18.18	-0.85	17.33	<=30	Pass
			25	18.33	-0.85	17.48	<=30	Pass
			50	18.39	-0.85	17.54	<=30	Pass
		100	0	18.34	-0.85	17.49	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.7	0.000	0.0000	/	Pass
					3.91	0.700	0.0004	/	Pass
					4.4	0.400	0.0002	/	Pass
				-30	3.91	-0.700	-0.0004	/	Pass
				-20	3.91	-0.100	-0.0001	/	Pass
				-10	3.91	1.300	0.0008	/	Pass
				0	3.91	-0.500	-0.0003	/	Pass
				10	3.91	0.600	0.0003	/	Pass
				30	3.91	0.100	0.0001	/	Pass
				40	3.91	0.400	0.0002	/	Pass
				50	3.91	-0.200	-0.0001	/	Pass
	1732.5	100	0	20	3.7	-3.100	-0.0018	/	Pass
					3.91	-1.800	-0.0010	/	Pass
					4.4	-1.200	-0.0007	/	Pass
				-30	3.91	-2.300	-0.0013	/	Pass
				-20	3.91	0.200	0.0001	/	Pass
				-10	3.91	-1.700	-0.0010	/	Pass

				0	3.91	-0.500	-0.0003	/	Pass
				10	3.91	-0.400	-0.0002	/	Pass
				30	3.91	-2.700	-0.0016	/	Pass
				40	3.91	-0.300	-0.0002	/	Pass
				50	3.91	-3.200	-0.0018	/	Pass
	1745	100	0	20	3.7	-0.900	-0.0005	/	Pass
					3.91	1.400	0.0008	/	Pass
					4.4	1.300	0.0007	/	Pass
				-30	3.91	-1.200	-0.0007	/	Pass
				-20	3.91	-1.200	-0.0007	/	Pass
				-10	3.91	-0.300	-0.0002	/	Pass
				0	3.91	0.900	0.0005	/	Pass
				10	3.91	-0.600	-0.0003	/	Pass
				30	3.91	-0.800	-0.0005	/	Pass
				40	3.91	-1.000	-0.0006	/	Pass
				50	3.91	-1.500	-0.0009	/	Pass
16QAM	1720	100	0	20	3.7	-0.200	-0.0001	/	Pass
					3.91	-0.800	-0.0005	/	Pass
					4.4	0.500	0.0003	/	Pass
				-30	3.91	0.600	0.0003	/	Pass
				-20	3.91	-0.600	-0.0003	/	Pass
				-10	3.91	0.000	0.0000	/	Pass
				0	3.91	-2.000	-0.0012	/	Pass
				10	3.91	-1.600	-0.0009	/	Pass
				30	3.91	0.100	0.0001	/	Pass
				40	3.91	0.700	0.0004	/	Pass
				50	3.91	-1.400	-0.0008	/	Pass
	1732.5	100	0	20	3.7	-0.100	-0.0001	/	Pass
					3.91	-0.800	-0.0005	/	Pass
					4.4	0.200	0.0001	/	Pass
				-30	3.91	-2.700	-0.0016	/	Pass
				-20	3.91	-1.600	-0.0009	/	Pass
				-10	3.91	-1.000	-0.0006	/	Pass
				0	3.91	-0.700	-0.0004	/	Pass
				10	3.91	-1.000	-0.0006	/	Pass
				30	3.91	-0.700	-0.0004	/	Pass
				40	3.91	-1.300	-0.0008	/	Pass
				50	3.91	-1.200	-0.0007	/	Pass
	1745	100	0	20	3.7	-2.000	-0.0011	/	Pass
					3.91	-2.200	-0.0013	/	Pass
					4.4	1.200	0.0007	/	Pass
				-30	3.91	0.500	0.0003	/	Pass
				-20	3.91	0.100	0.0001	/	Pass
				-10	3.91	0.700	0.0004	/	Pass
				0	3.91	-1.000	-0.0006	/	Pass
				10	3.91	0.600	0.0003	/	Pass
				30	3.91	-1.000	-0.0006	/	Pass
				40	3.91	0.300	0.0002	/	Pass
				50	3.91	0.900	0.0005	/	Pass
64QAM	1720	100	0	20	3.7	3.600	0.0021	/	Pass
					3.91	3.100	0.0018	/	Pass
					4.4	-12.200	-0.0071	/	Pass
				-30	3.91	-1.600	-0.0009	/	Pass
				-20	3.91	4.900	0.0028	/	Pass
				-10	3.91	12.300	0.0072	/	Pass
				0	3.91	-7.400	-0.0043	/	Pass
				10	3.91	-13.900	-0.0081	/	Pass
				30	3.91	0.400	0.0002	/	Pass
				40	3.91	12.700	0.0074	/	Pass

				50	3.91	17.600	0.0102	/	Pass
	1732.5	100	0	20	3.7	-8.800	-0.0051	/	Pass
					3.91	15.400	0.0089	/	Pass
					4.4	-10.400	-0.0060	/	Pass
				-30	3.91	13.700	0.0079	/	Pass
				-20	3.91	7.900	0.0046	/	Pass
				-10	3.91	1.900	0.0011	/	Pass
				0	3.91	14.600	0.0084	/	Pass
				10	3.91	-4.300	-0.0025	/	Pass
				30	3.91	9.700	0.0056	/	Pass
				40	3.91	-5.000	-0.0029	/	Pass
				50	3.91	-14.800	-0.0085	/	Pass
	1745	100	0	20	3.7	-17.500	-0.0100	/	Pass
					3.91	-9.600	-0.0055	/	Pass
					4.4	-9.000	-0.0052	/	Pass
				-30	3.91	-14.600	-0.0084	/	Pass
				-20	3.91	-9.900	-0.0057	/	Pass
				-10	3.91	-1.400	-0.0008	/	Pass
				0	3.91	-20.200	-0.0116	/	Pass
				10	3.91	1.600	0.0009	/	Pass
				30	3.91	6.300	0.0036	/	Pass
				40	3.91	-2.000	-0.0011	/	Pass
				50	3.91	5.200	0.0030	/	Pass
256QAM	1720	100	0	20	3.7	-0.200	-0.0001	/	Pass
					3.91	0.100	0.0001	/	Pass
					4.4	0.600	0.0003	/	Pass
				-30	3.91	0.000	0.0000	/	Pass
				-20	3.91	-1.200	-0.0007	/	Pass
				-10	3.91	-1.000	-0.0006	/	Pass
				0	3.91	1.000	0.0006	/	Pass
				10	3.91	1.500	0.0009	/	Pass
				30	3.91	-1.600	-0.0009	/	Pass
				40	3.91	-0.400	-0.0002	/	Pass
				50	3.91	-0.300	-0.0002	/	Pass
	1732.5	100	0	20	3.7	-1.400	-0.0008	/	Pass
					3.91	-1.200	-0.0007	/	Pass
					4.4	-0.600	-0.0003	/	Pass
				-30	3.91	-1.600	-0.0009	/	Pass
				-20	3.91	-0.400	-0.0002	/	Pass
				-10	3.91	-0.700	-0.0004	/	Pass
				0	3.91	0.300	0.0002	/	Pass
				10	3.91	-1.100	-0.0006	/	Pass
				30	3.91	-0.700	-0.0004	/	Pass
				40	3.91	-1.600	-0.0009	/	Pass
				50	3.91	-0.700	-0.0004	/	Pass
	1745	100	0	20	3.7	1.500	0.0009	/	Pass
					3.91	1.300	0.0007	/	Pass
					4.4	0.700	0.0004	/	Pass
				-30	3.91	-1.400	-0.0008	/	Pass
				-20	3.91	0.600	0.0003	/	Pass
				-10	3.91	-0.500	-0.0003	/	Pass
				0	3.91	-0.100	-0.0001	/	Pass
				10	3.91	-0.500	-0.0003	/	Pass
				30	3.91	-0.600	-0.0003	/	Pass
				40	3.91	-0.800	-0.0005	/	Pass
				50	3.91	-1.700	-0.0010	/	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.122	/	Pass
		1732.5	6	0	1.125	/	Pass
		1754.3	6	0	1.119	/	Pass
	16QAM	1710.7	6	0	1.122	/	Pass
		1732.5	6	0	1.127	/	Pass
		1754.3	6	0	1.132	/	Pass
	64QAM	1710.7	6	0	1.125	/	Pass
		1732.5	6	0	1.117	/	Pass
		1754.3	6	0	1.121	/	Pass
	256QAM	1710.7	6	0	1.130	/	Pass
		1732.5	6	0	1.125	/	Pass
		1754.3	6	0	1.120	/	Pass
3	QPSK	1711.5	15	0	2.744	/	Pass
		1732.5	15	0	2.743	/	Pass
		1753.5	15	0	2.741	/	Pass
	16QAM	1711.5	15	0	2.749	/	Pass
		1732.5	15	0	2.735	/	Pass
		1753.5	15	0	2.760	/	Pass
	64QAM	1711.5	15	0	2.736	/	Pass
		1732.5	15	0	2.754	/	Pass
		1753.5	15	0	2.745	/	Pass
	256QAM	1711.5	15	0	2.734	/	Pass
		1732.5	15	0	2.740	/	Pass
		1753.5	15	0	2.738	/	Pass
5	QPSK	1712.5	25	0	4.553	/	Pass
		1732.5	25	0	4.557	/	Pass
		1752.5	25	0	4.559	/	Pass
	16QAM	1712.5	25	0	4.546	/	Pass
		1732.5	25	0	4.545	/	Pass
		1752.5	25	0	4.572	/	Pass
	64QAM	1712.5	25	0	4.554	/	Pass
		1732.5	25	0	4.567	/	Pass
		1752.5	25	0	4.560	/	Pass
	256QAM	1712.5	25	0	4.551	/	Pass
		1732.5	25	0	4.557	/	Pass
		1752.5	25	0	4.568	/	Pass
10	QPSK	1715	50	0	9.099	/	Pass
		1732.5	50	0	9.093	/	Pass
		1750	50	0	9.101	/	Pass
	16QAM	1715	50	0	9.082	/	Pass
		1732.5	50	0	9.070	/	Pass
		1750	50	0	9.109	/	Pass
	64QAM	1715	50	0	9.080	/	Pass
		1732.5	50	0	9.063	/	Pass
		1750	50	0	9.111	/	Pass
	256QAM	1715	50	0	9.103	/	Pass
		1732.5	50	0	9.079	/	Pass
		1750	50	0	9.116	/	Pass
15	QPSK	1717.5	75	0	13.673	/	Pass

		1732.5	75	0	13.563	/	Pass
		1747.5	75	0	13.661	/	Pass
	16QAM	1717.5	75	0	13.632	/	Pass
		1732.5	75	0	13.605	/	Pass
		1747.5	75	0	13.624	/	Pass
	64QAM	1717.5	75	0	13.648	/	Pass
		1732.5	75	0	13.572	/	Pass
		1747.5	75	0	13.667	/	Pass
	256QAM	1717.5	75	0	13.644	/	Pass
		1732.5	75	0	13.592	/	Pass
		1747.5	75	0	13.656	/	Pass
20	QPSK	1720	100	0	18.206	/	Pass
		1732.5	100	0	18.055	/	Pass
		1745	100	0	18.190	/	Pass
	16QAM	1720	100	0	18.259	/	Pass
		1732.5	100	0	18.117	/	Pass
		1745	100	0	18.182	/	Pass
	64QAM	1720	100	0	18.248	/	Pass
		1732.5	100	0	18.048	/	Pass
		1745	100	0	18.169	/	Pass
	256QAM	1720	100	0	18.193	/	Pass
		1732.5	100	0	18.097	/	Pass
		1745	100	0	18.152	/	Pass

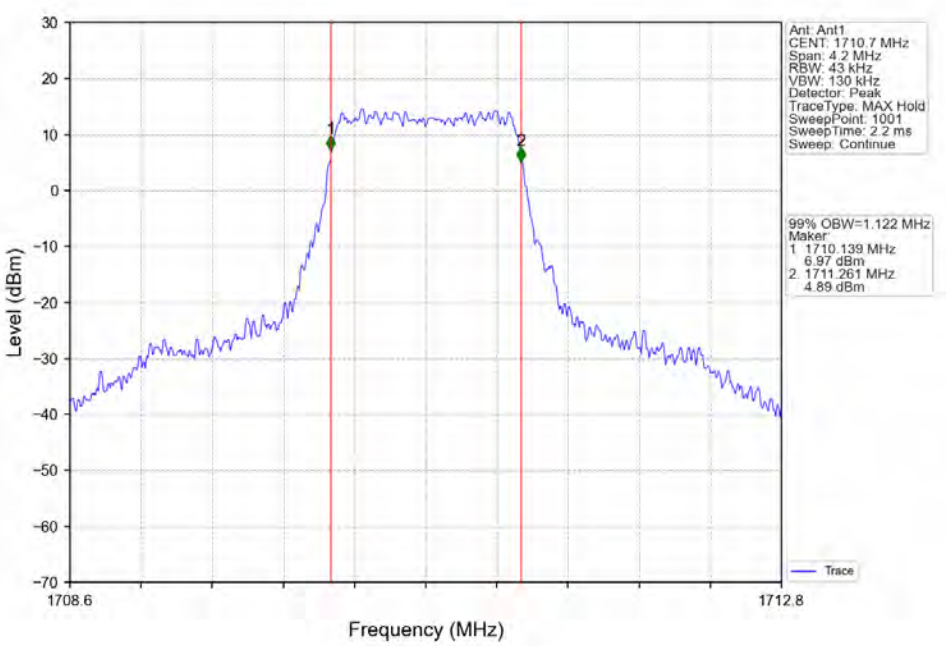
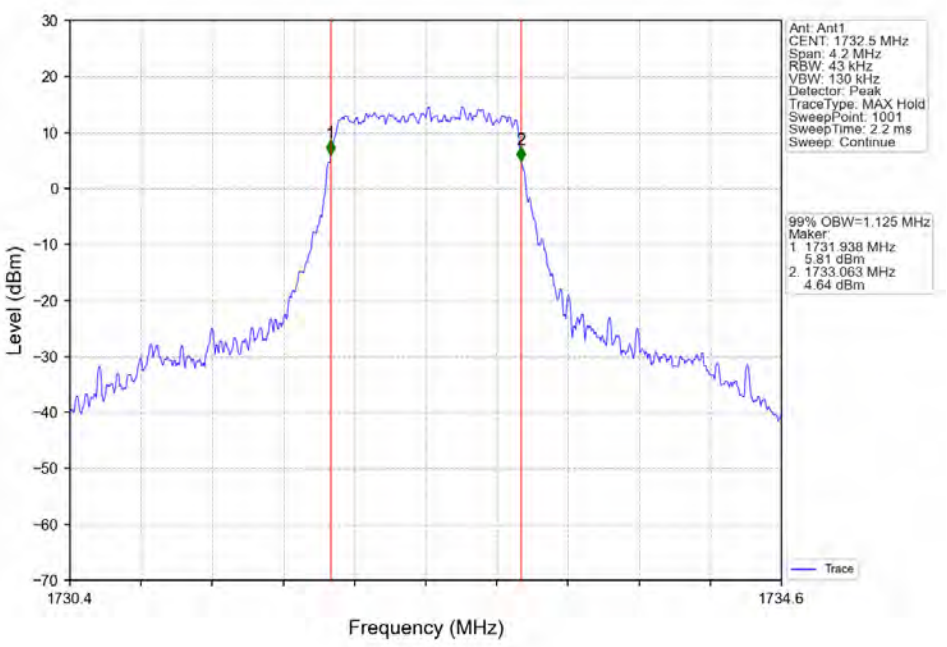
3.1.2 Band4_XDB

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.387	/	Pass
		1732.5	6	0	1.391	/	Pass
		1754.3	6	0	1.405	/	Pass
	16QAM	1710.7	6	0	1.402	/	Pass
		1732.5	6	0	1.400	/	Pass
		1754.3	6	0	1.421	/	Pass
	64QAM	1710.7	6	0	1.399	/	Pass
		1732.5	6	0	1.378	/	Pass
		1754.3	6	0	1.404	/	Pass
	256QAM	1710.7	6	0	1.382	/	Pass
		1732.5	6	0	1.394	/	Pass
		1754.3	6	0	1.378	/	Pass
3	QPSK	1711.5	15	0	3.106	/	Pass
		1732.5	15	0	3.127	/	Pass
		1753.5	15	0	3.115	/	Pass
	16QAM	1711.5	15	0	3.147	/	Pass
		1732.5	15	0	3.101	/	Pass
		1753.5	15	0	3.115	/	Pass
	64QAM	1711.5	15	0	3.103	/	Pass
		1732.5	15	0	3.120	/	Pass
		1753.5	15	0	3.112	/	Pass
	256QAM	1711.5	15	0	3.132	/	Pass
		1732.5	15	0	3.099	/	Pass
		1753.5	15	0	3.129	/	Pass
5	QPSK	1712.5	25	0	5.220	/	Pass
		1732.5	25	0	5.296	/	Pass
		1752.5	25	0	5.214	/	Pass
	16QAM	1712.5	25	0	5.215	/	Pass

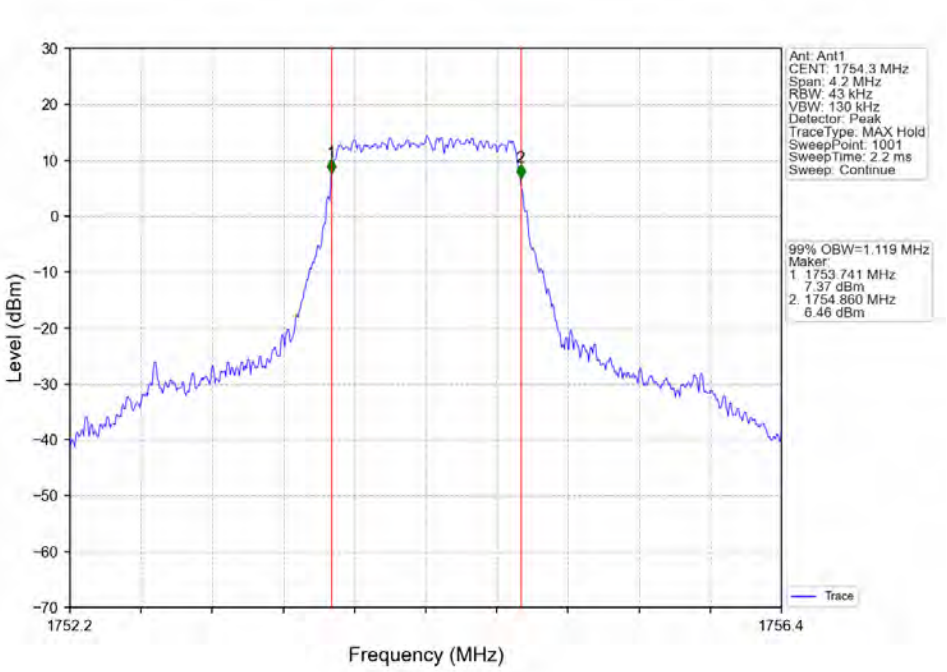
		1732.5	25	0	5.234	/	Pass
		1752.5	25	0	5.179	/	Pass
	64QAM	1712.5	25	0	5.230	/	Pass
		1732.5	25	0	5.178	/	Pass
		1752.5	25	0	5.237	/	Pass
	256QAM	1712.5	25	0	5.201	/	Pass
		1732.5	25	0	5.239	/	Pass
		1752.5	25	0	5.128	/	Pass
10	QPSK	1715	50	0	10.199	/	Pass
		1732.5	50	0	10.238	/	Pass
		1750	50	0	10.258	/	Pass
	16QAM	1715	50	0	10.237	/	Pass
		1732.5	50	0	10.144	/	Pass
		1750	50	0	10.231	/	Pass
	64QAM	1715	50	0	10.189	/	Pass
		1732.5	50	0	10.124	/	Pass
		1750	50	0	10.219	/	Pass
	256QAM	1715	50	0	10.166	/	Pass
		1732.5	50	0	10.153	/	Pass
		1750	50	0	10.257	/	Pass
15	QPSK	1717.5	75	0	15.181	/	Pass
		1732.5	75	0	15.231	/	Pass
		1747.5	75	0	15.281	/	Pass
	16QAM	1717.5	75	0	15.313	/	Pass
		1732.5	75	0	15.117	/	Pass
		1747.5	75	0	15.143	/	Pass
	64QAM	1717.5	75	0	15.233	/	Pass
		1732.5	75	0	15.066	/	Pass
		1747.5	75	0	15.225	/	Pass
	256QAM	1717.5	75	0	15.249	/	Pass
		1732.5	75	0	15.020	/	Pass
		1747.5	75	0	15.276	/	Pass
20	QPSK	1720	100	0	20.123	/	Pass
		1732.5	100	0	20.061	/	Pass
		1745	100	0	20.188	/	Pass
	16QAM	1720	100	0	20.167	/	Pass
		1732.5	100	0	19.980	/	Pass
		1745	100	0	20.187	/	Pass
	64QAM	1720	100	0	20.097	/	Pass
		1732.5	100	0	19.901	/	Pass
		1745	100	0	20.175	/	Pass
	256QAM	1720	100	0	20.185	/	Pass
		1732.5	100	0	20.095	/	Pass
		1745	100	0	20.080	/	Pass

3.2 Test Graph

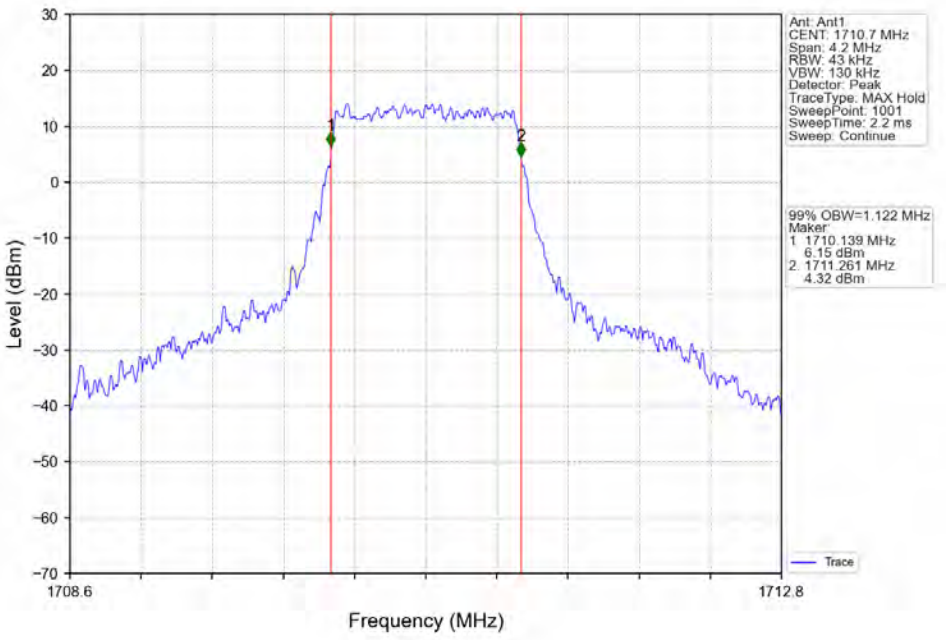
3.2.1 Band4_OBW

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV


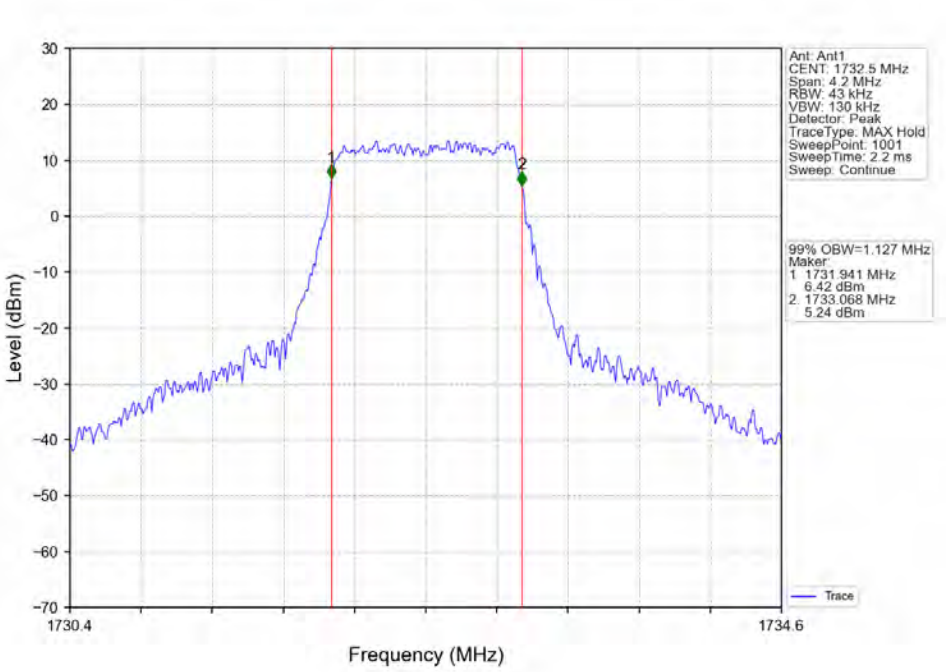
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



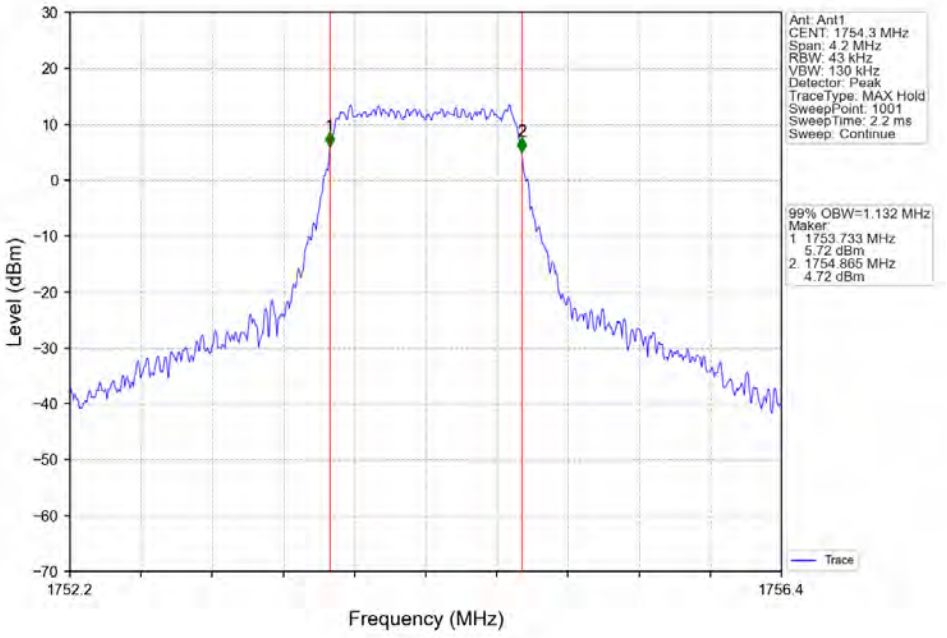
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



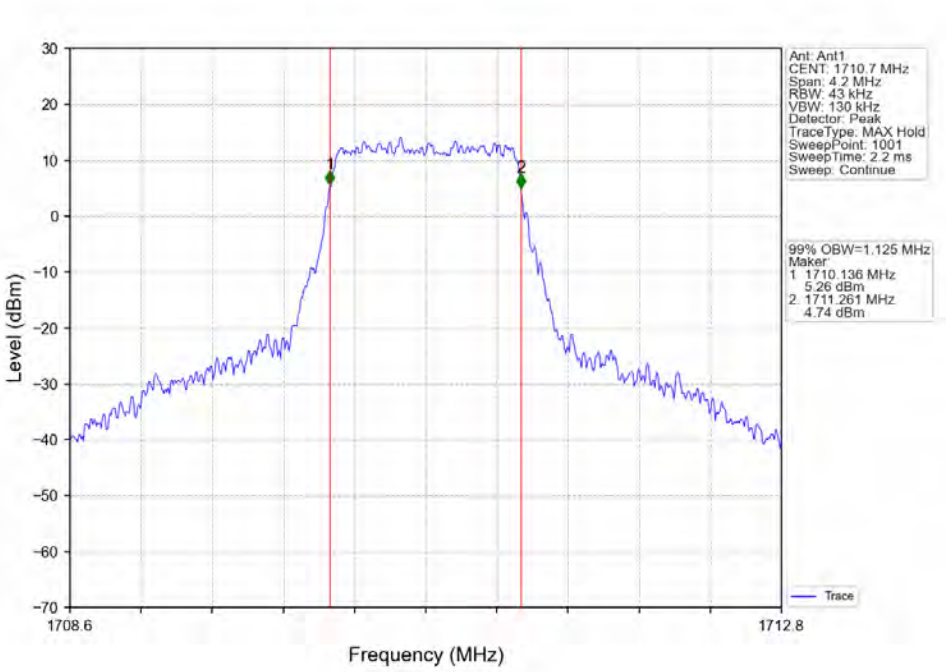
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



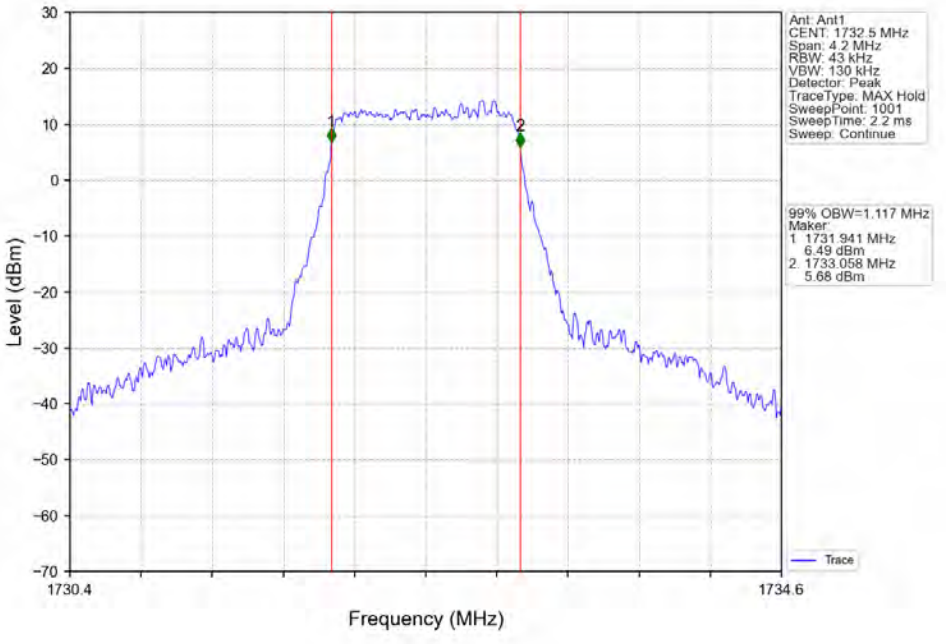
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



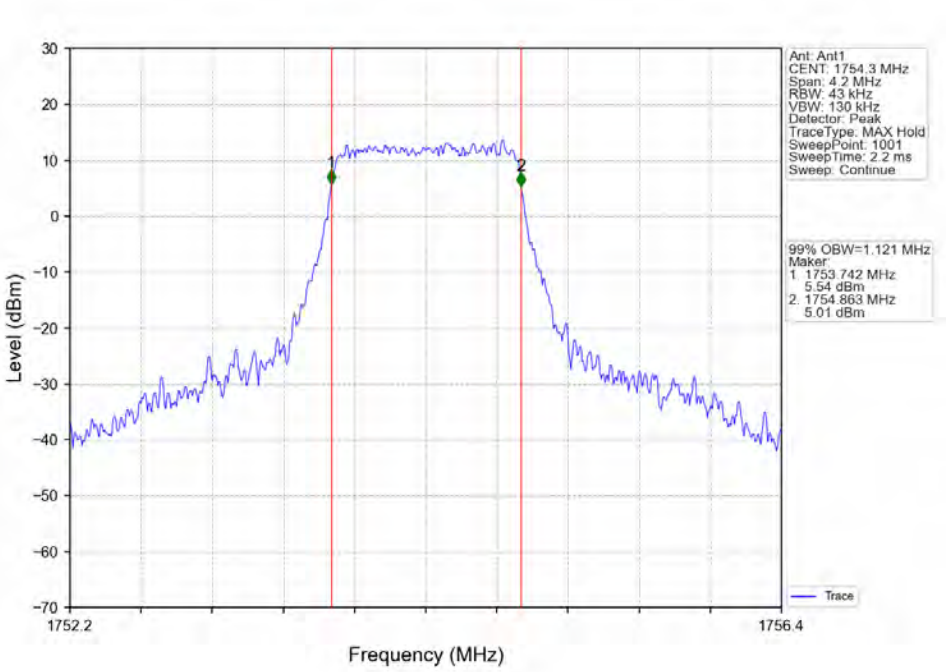
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



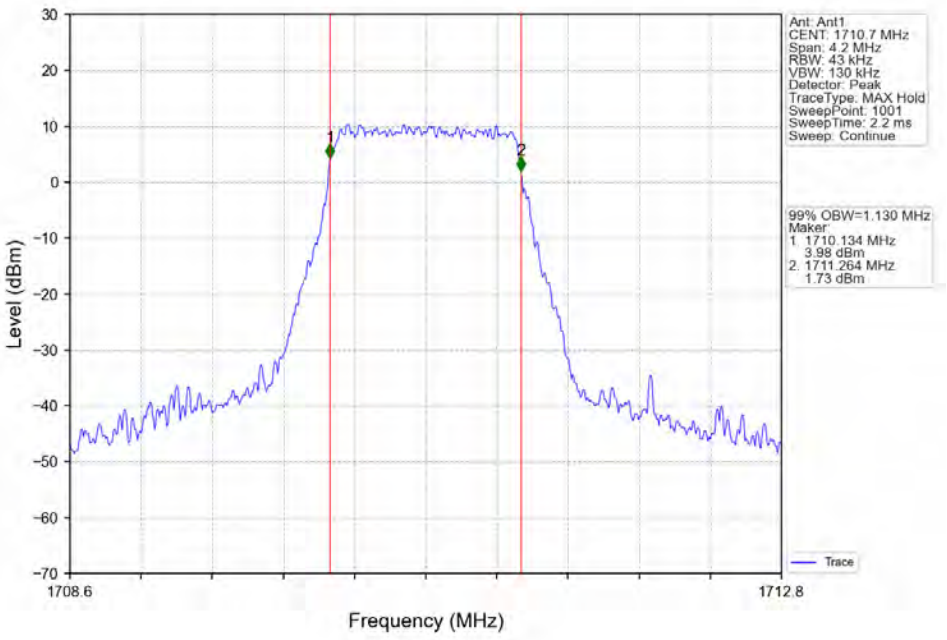
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



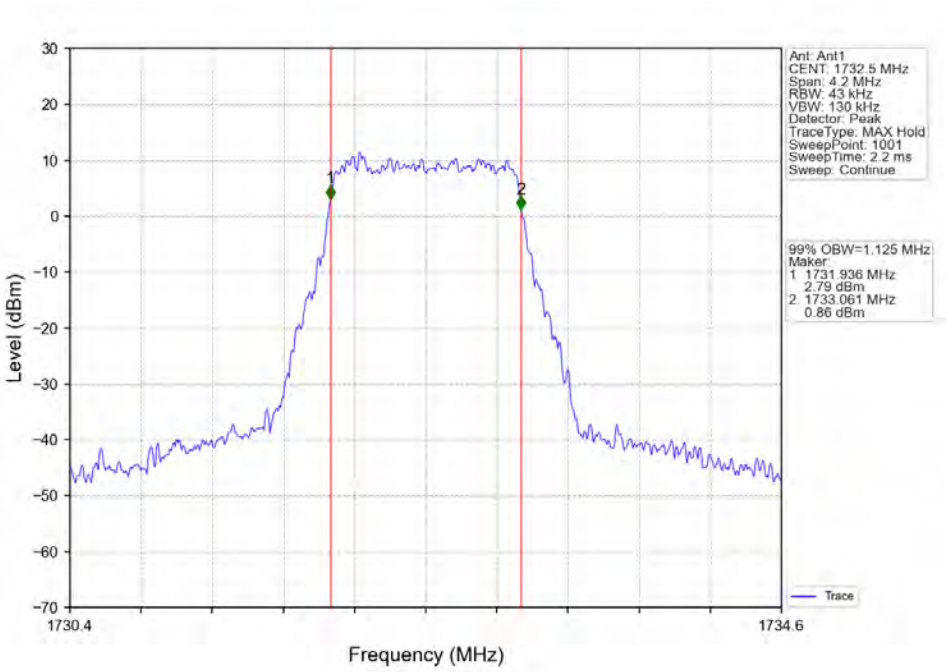
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



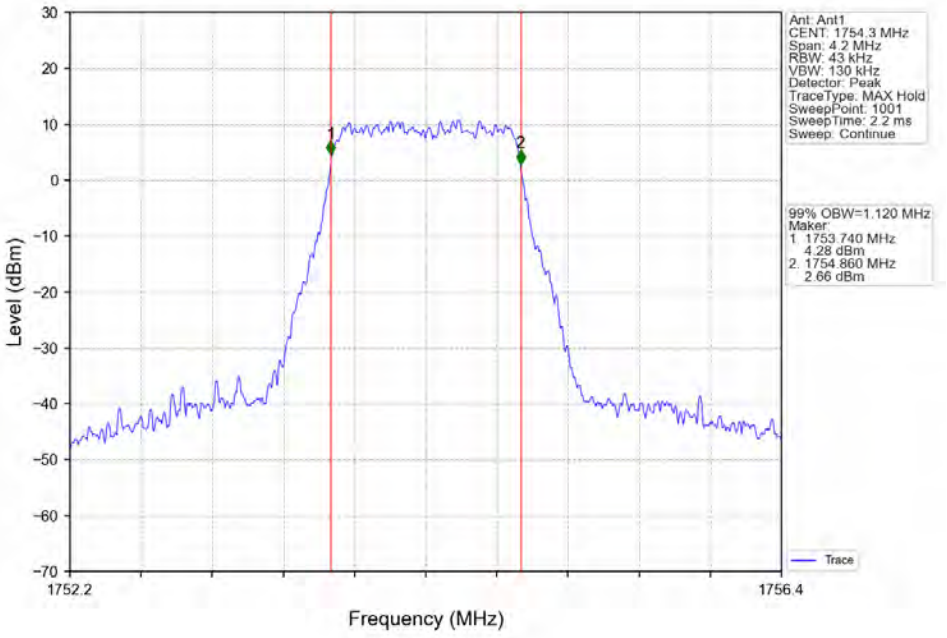
Band4_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV

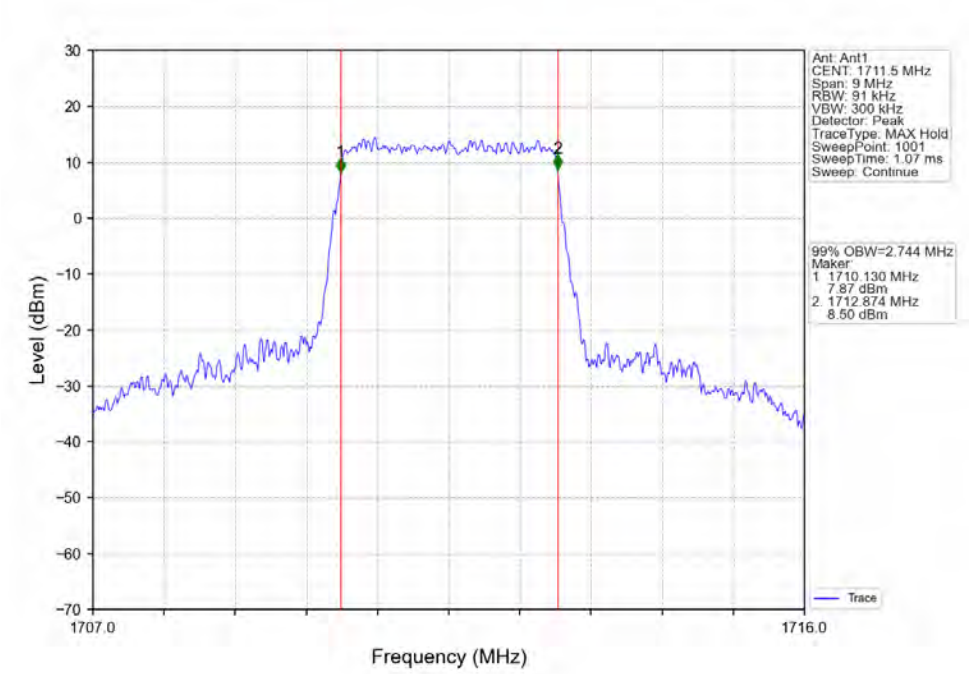


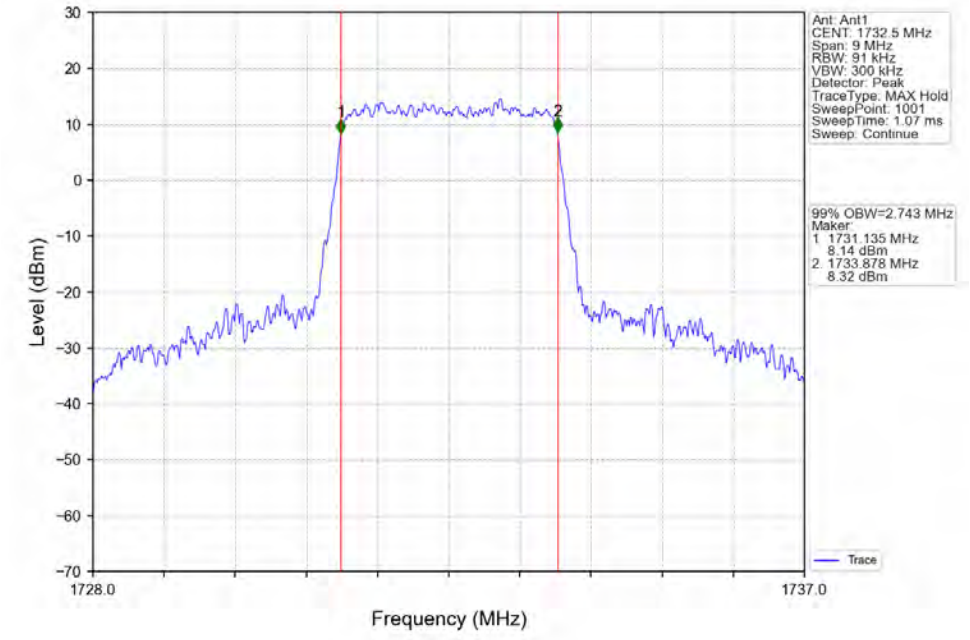
Band4_1.4MHz_256QAM_MCH_1732.5MHz_RB_6_0_NTNV



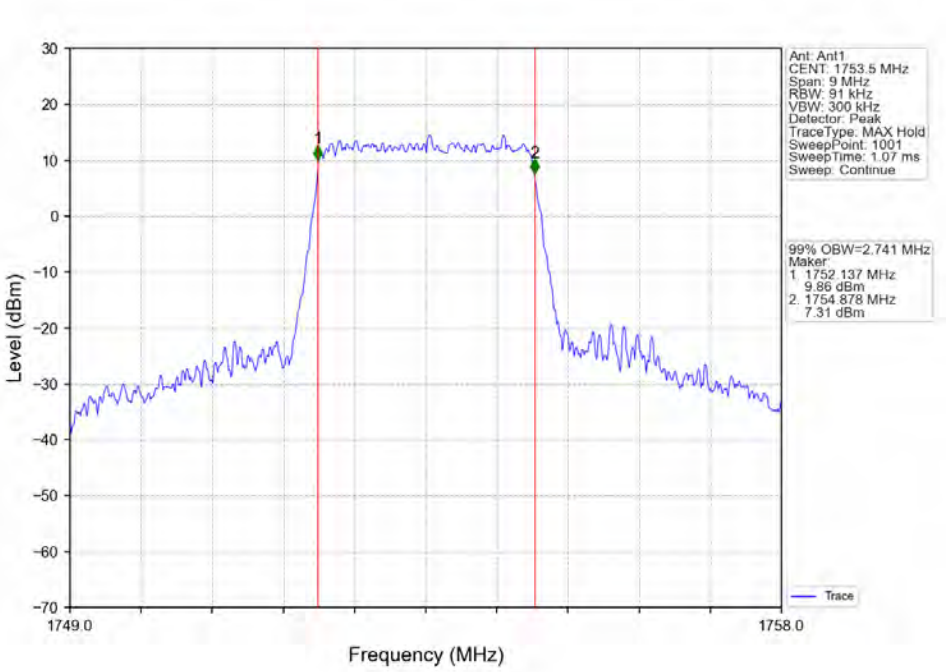
Band4_1.4MHz_256QAM_HCH_1754.3MHz_RB_6_0_NTNV



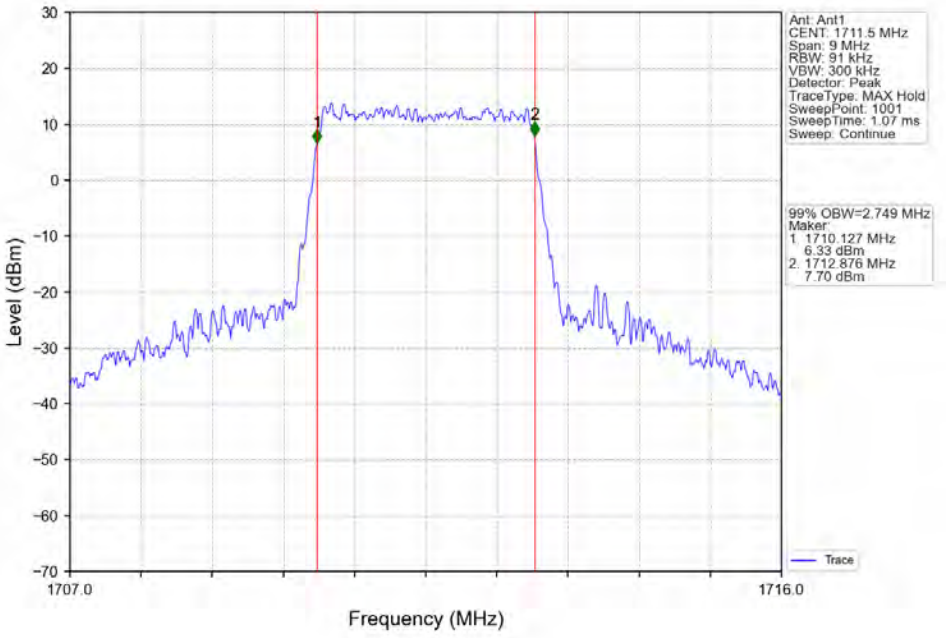
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV


Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV


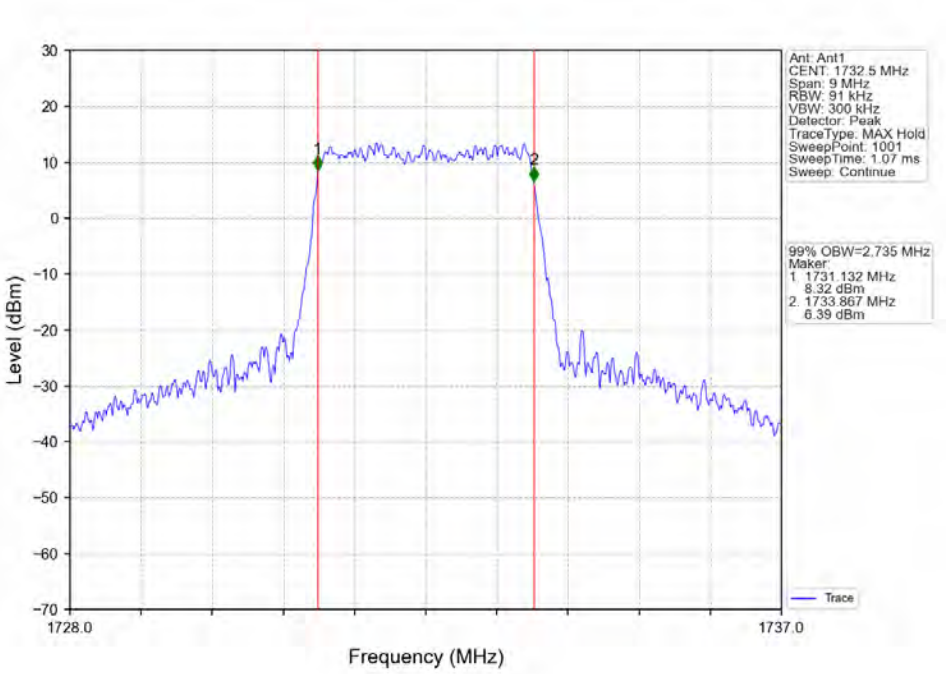
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



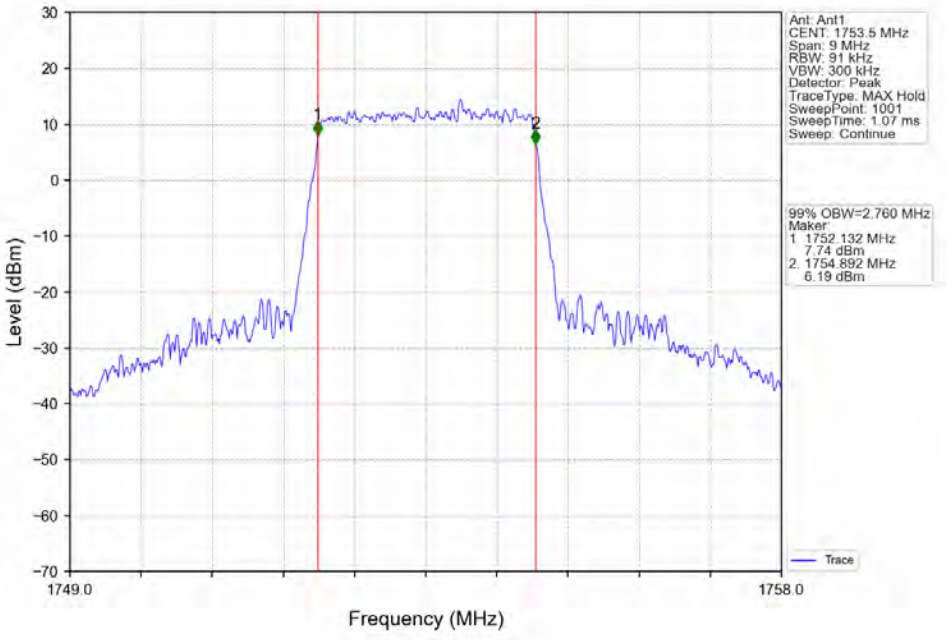
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



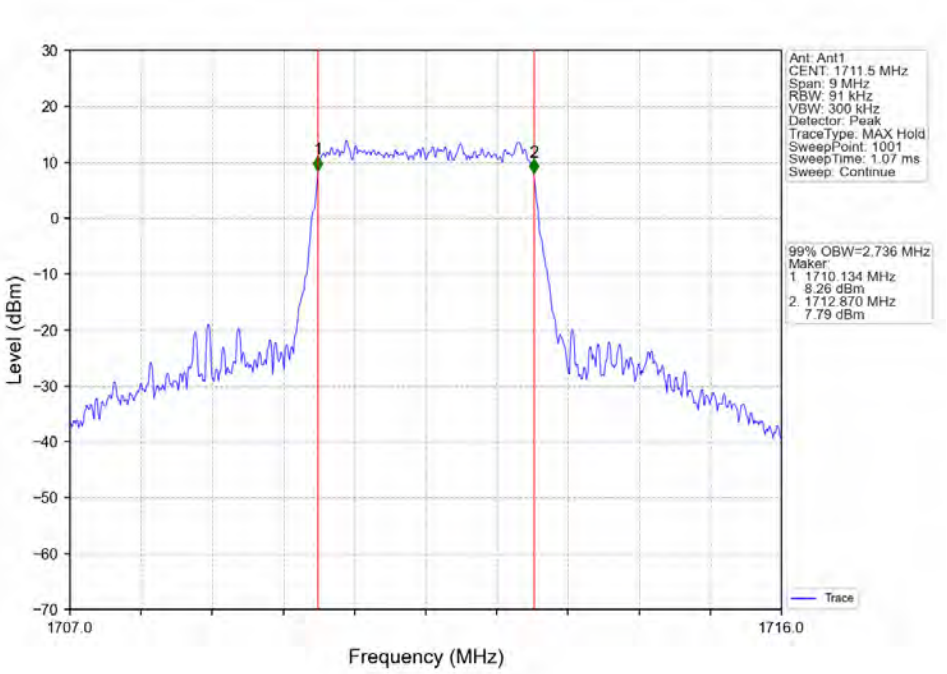
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



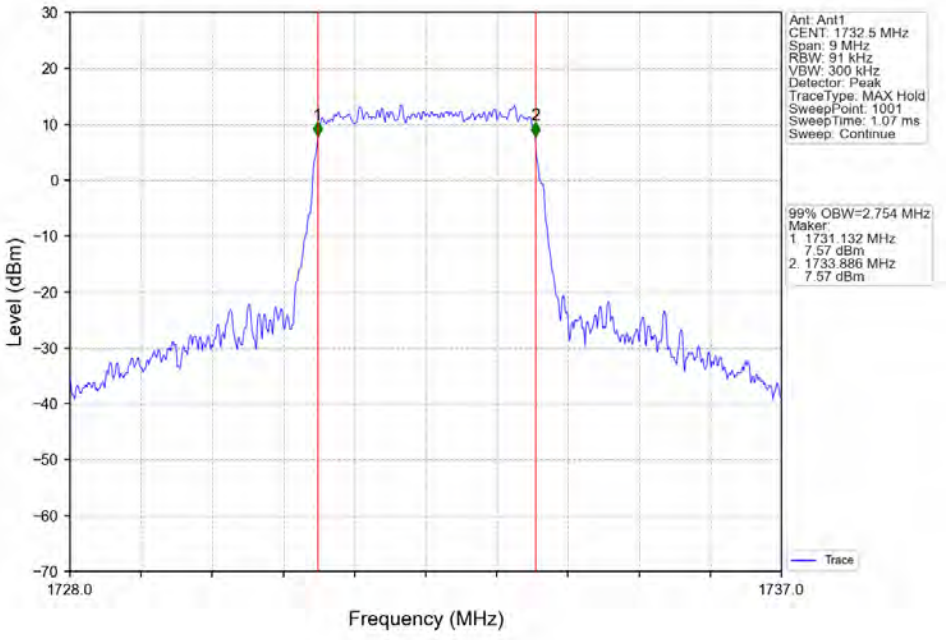
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



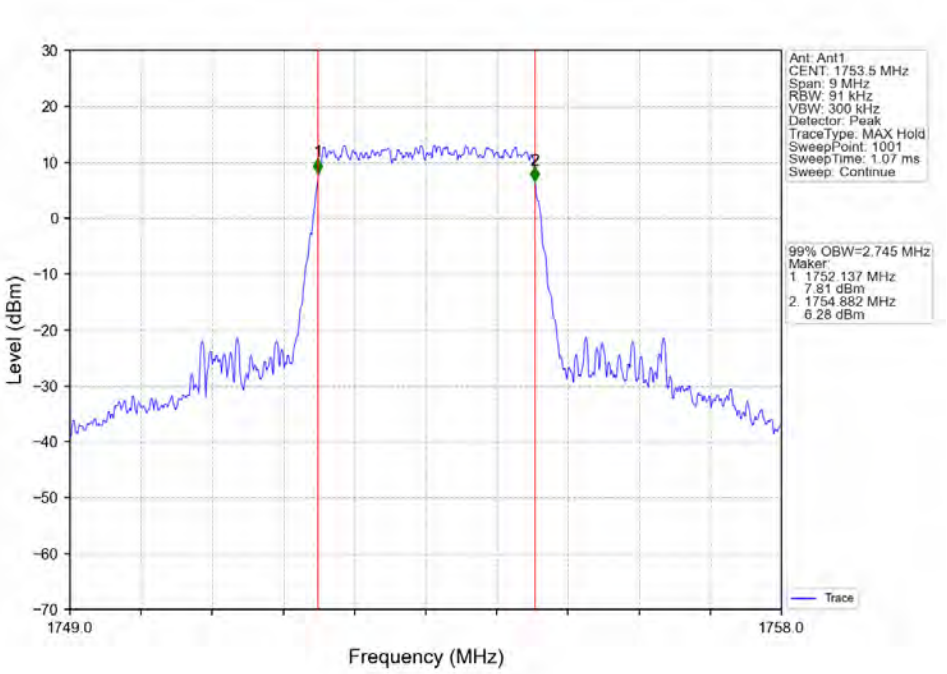
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



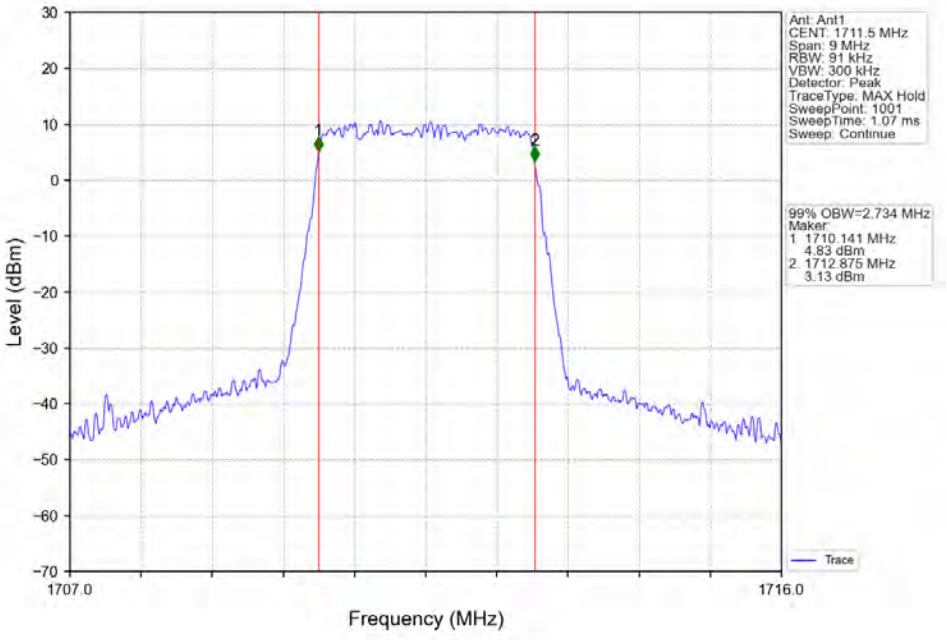
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



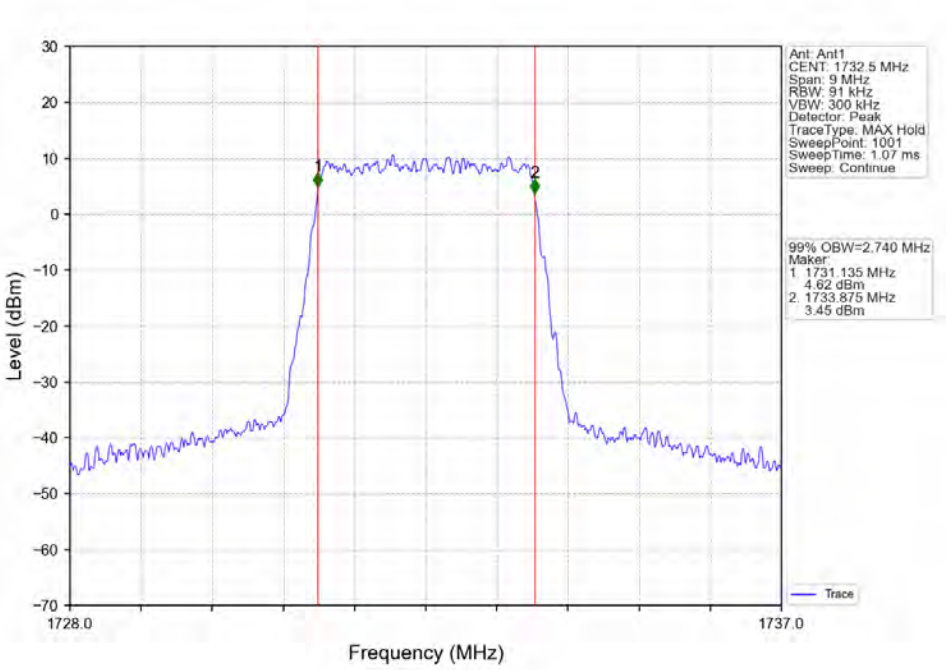
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV



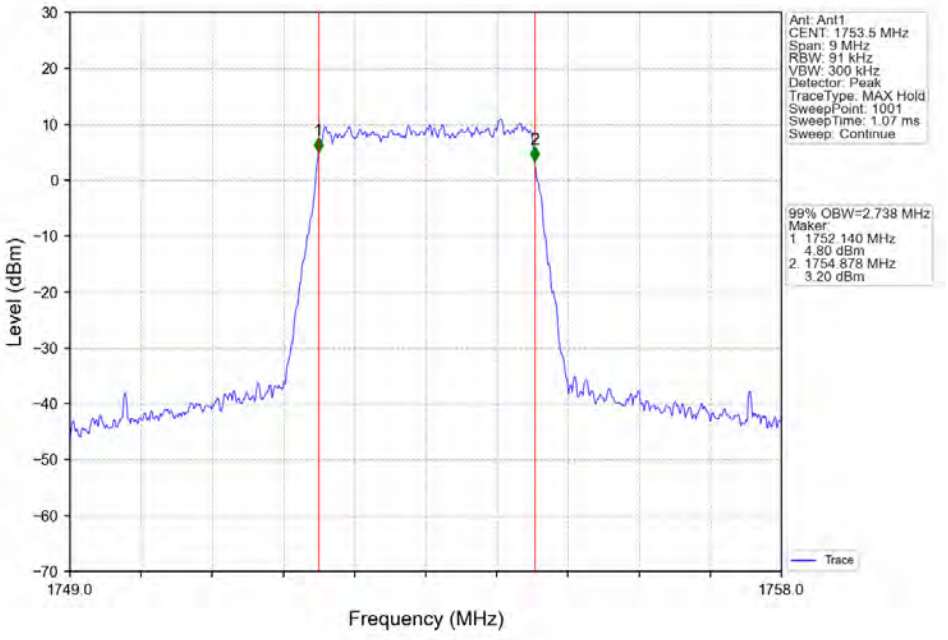
Band4_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV



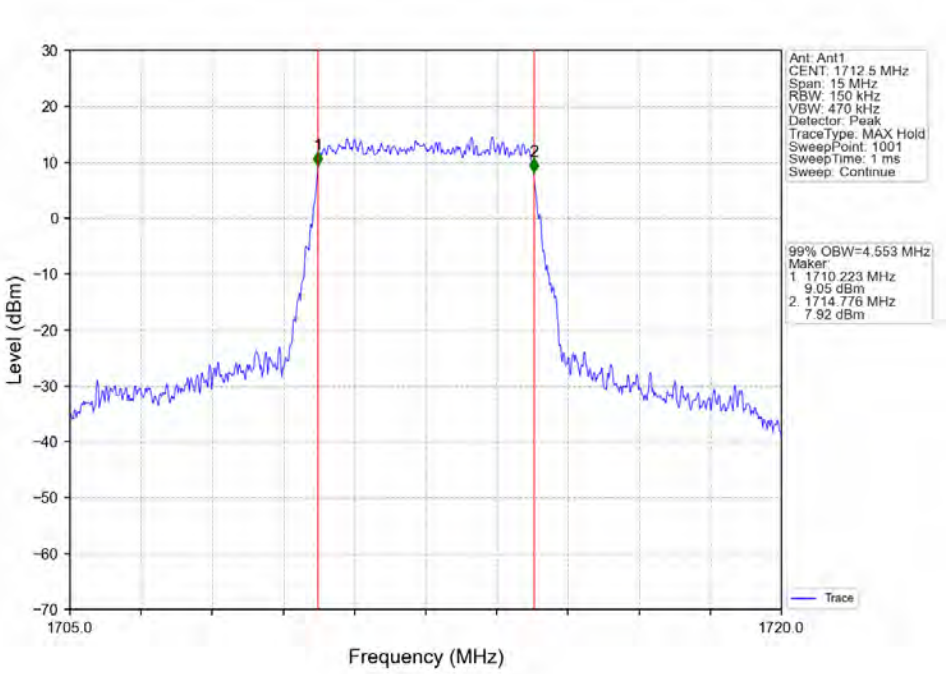
Band4_3MHz_256QAM_MCH_1732.5MHz_RB_15_0_NTNV



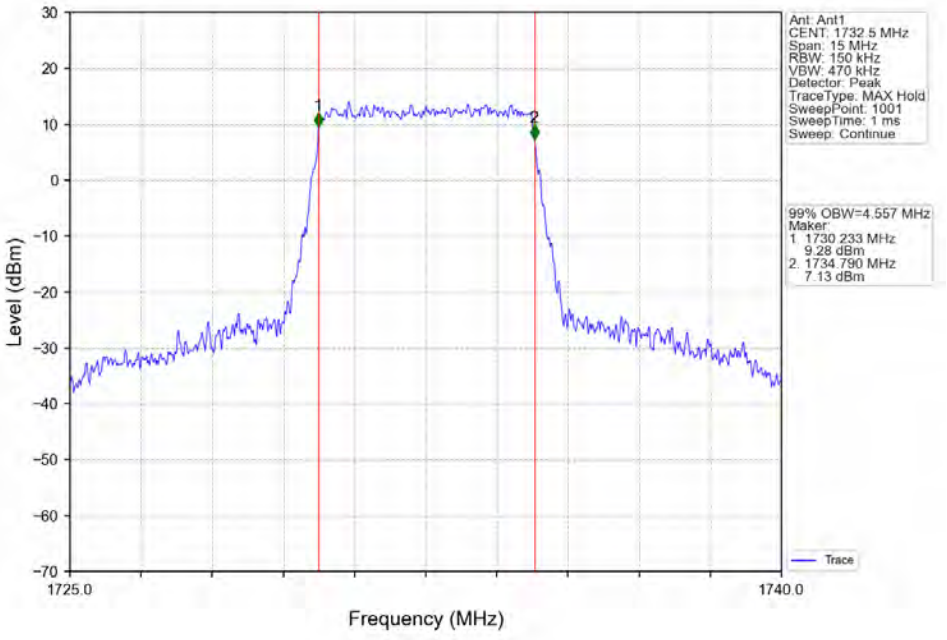
Band4_3MHz_256QAM_HCH_1753.5MHz_RB_15_0_NTNV

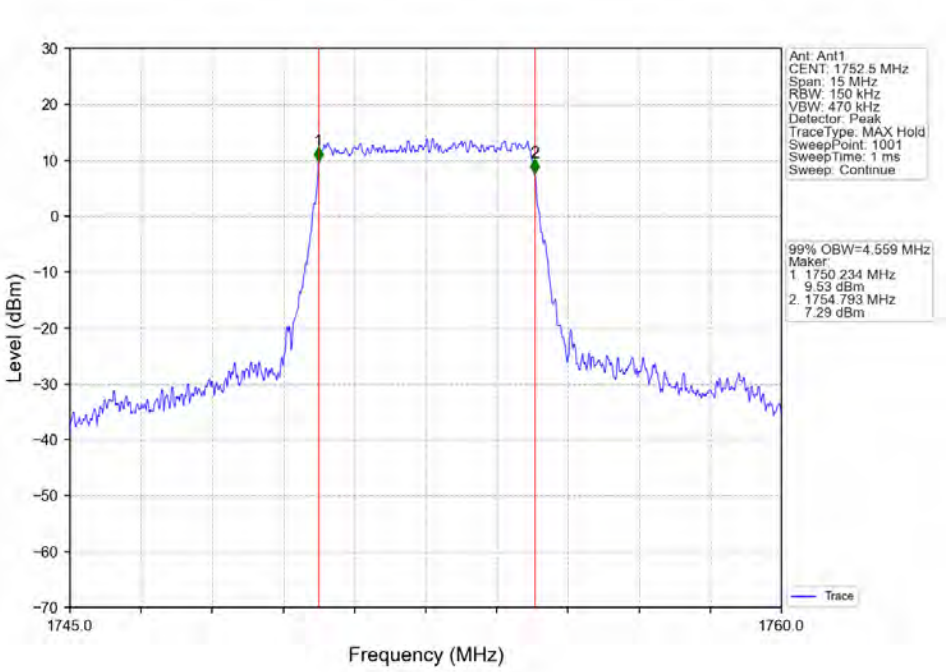
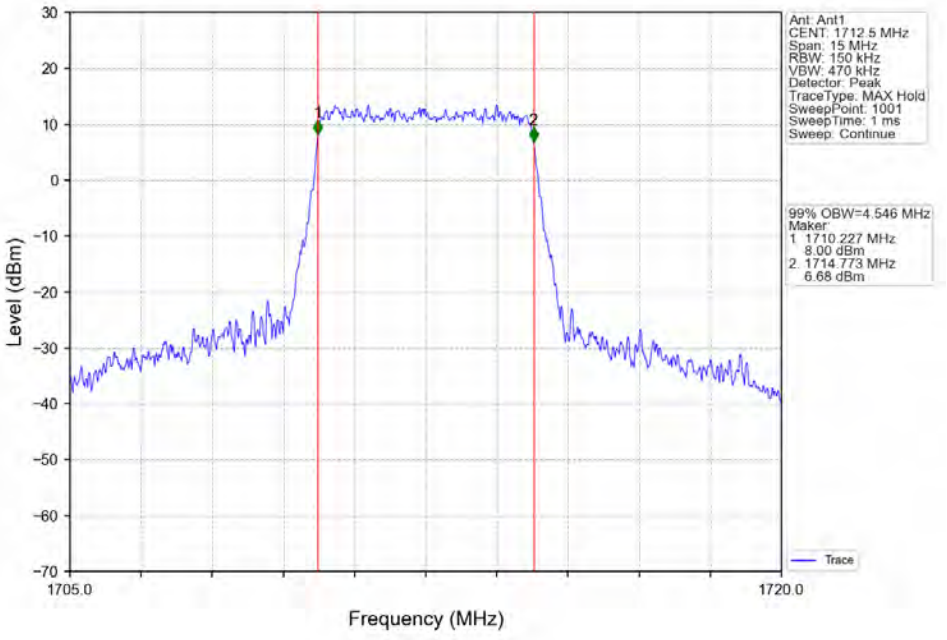


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

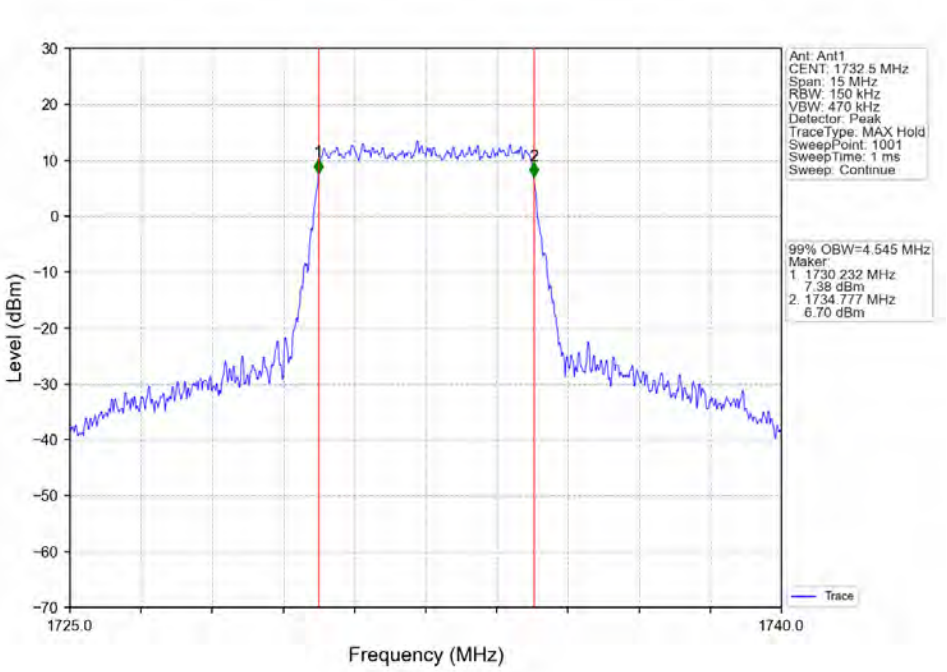


Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV

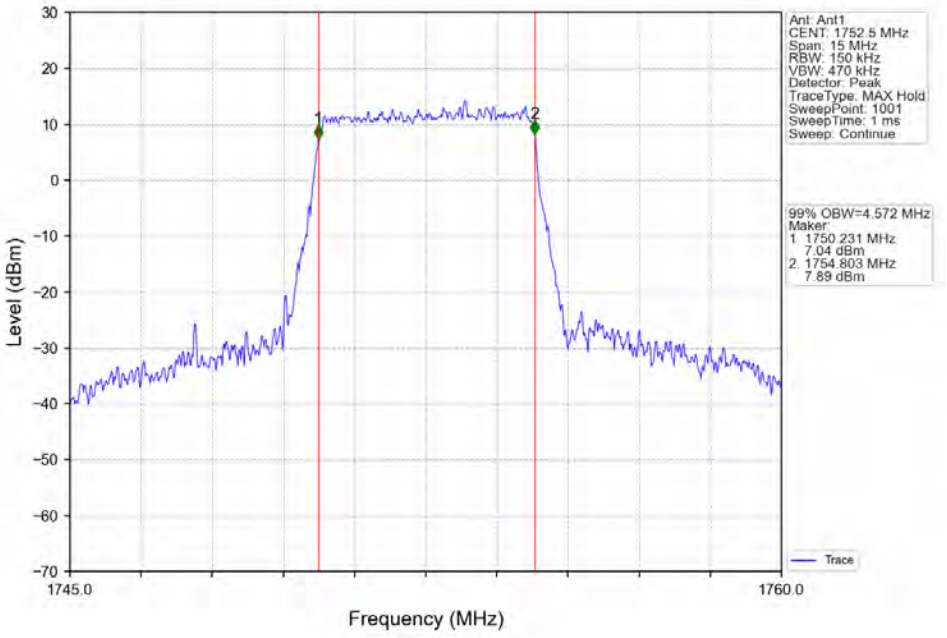


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV


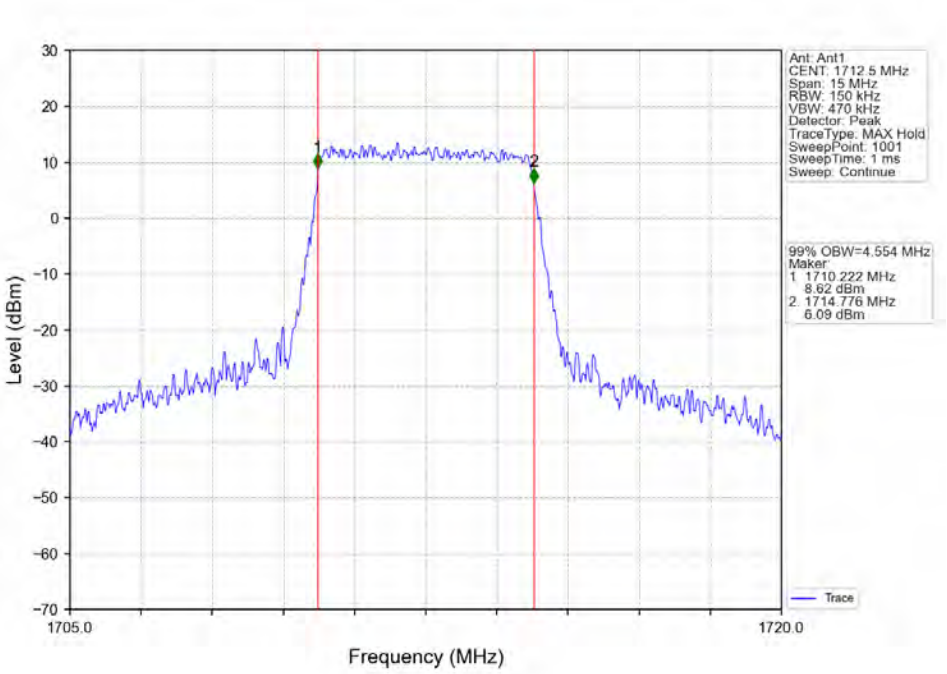
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



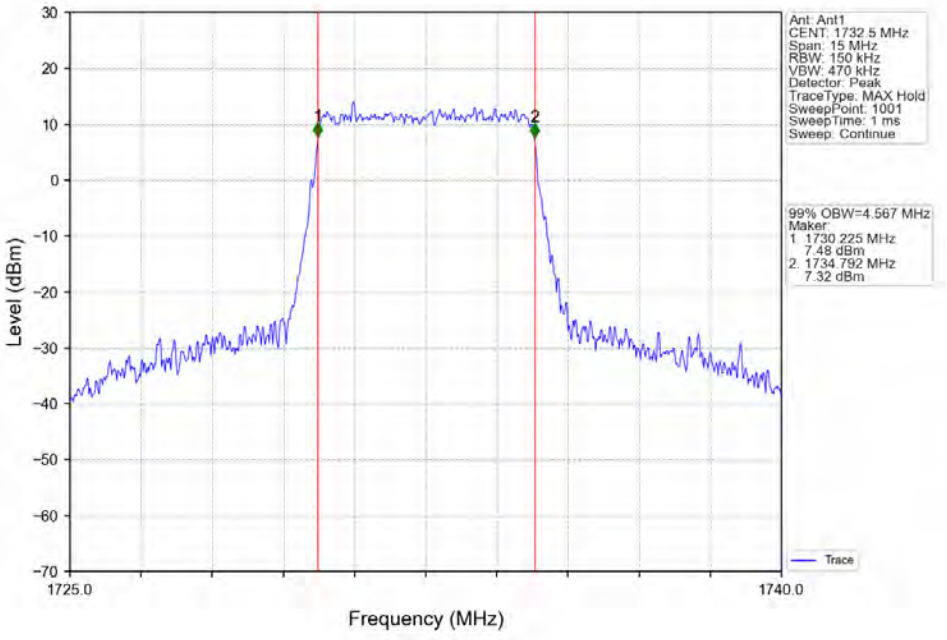
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



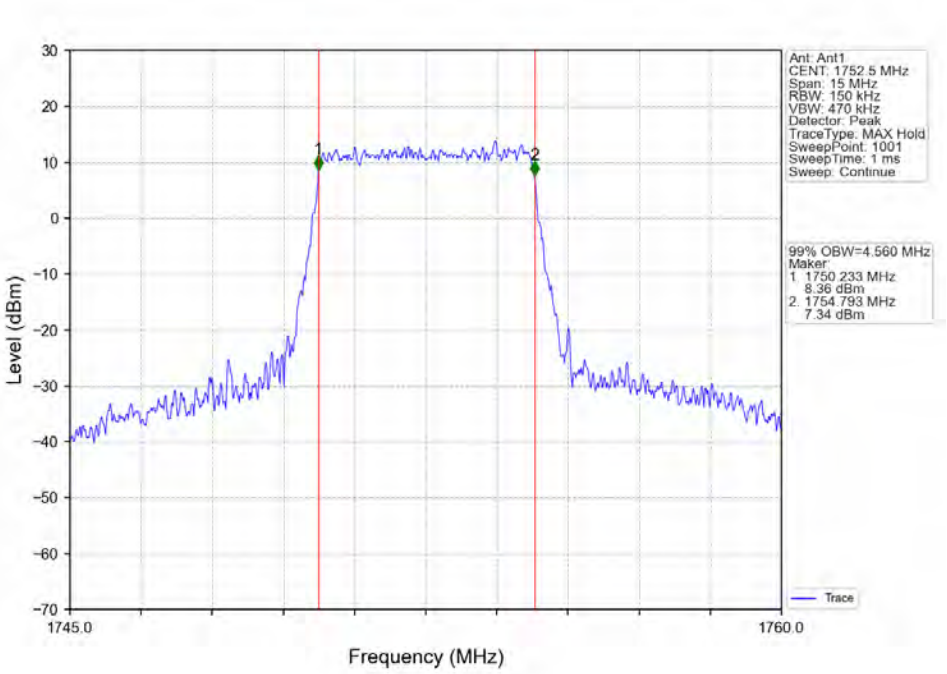
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



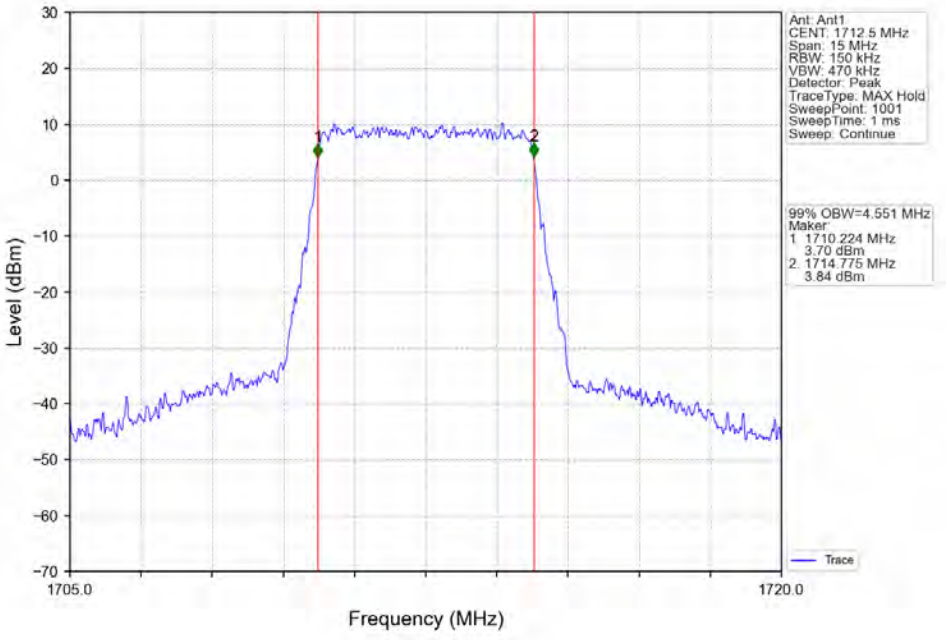
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



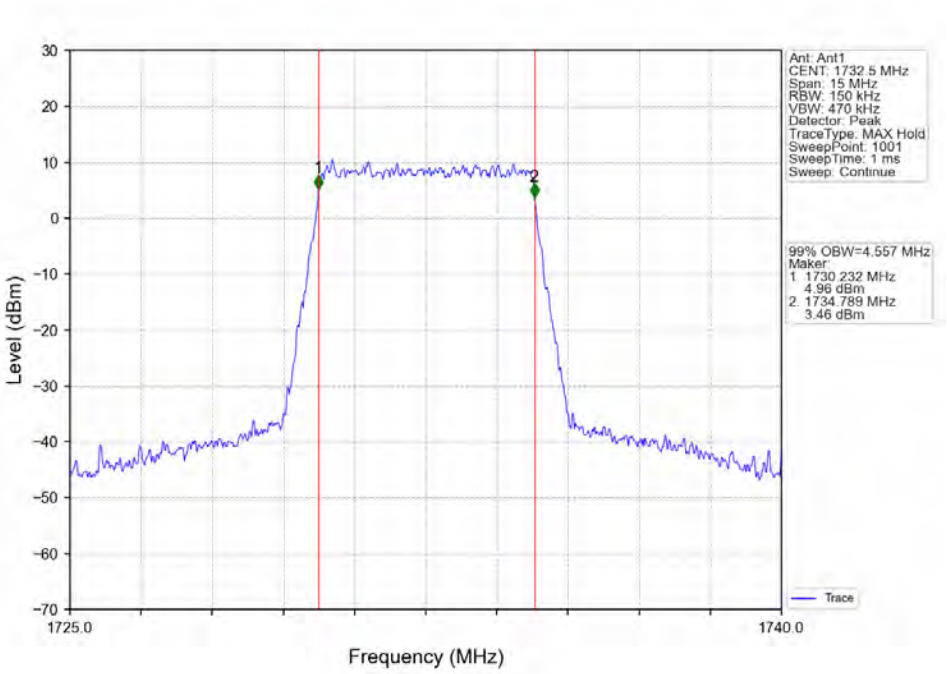
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



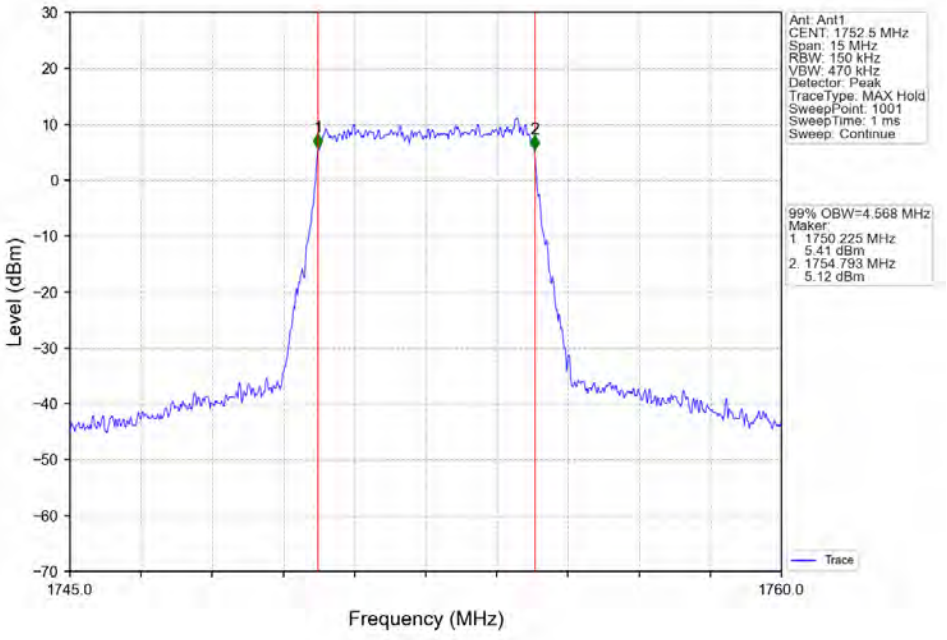
Band4_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV



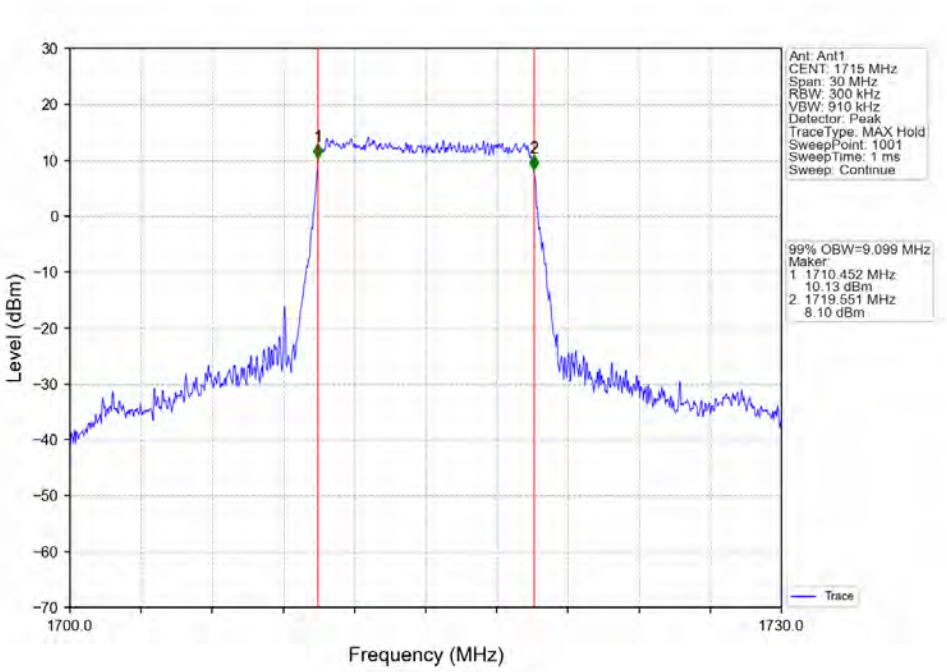
Band4_5MHz_256QAM_MCH_1732.5MHz_RB_25_0_NTNV



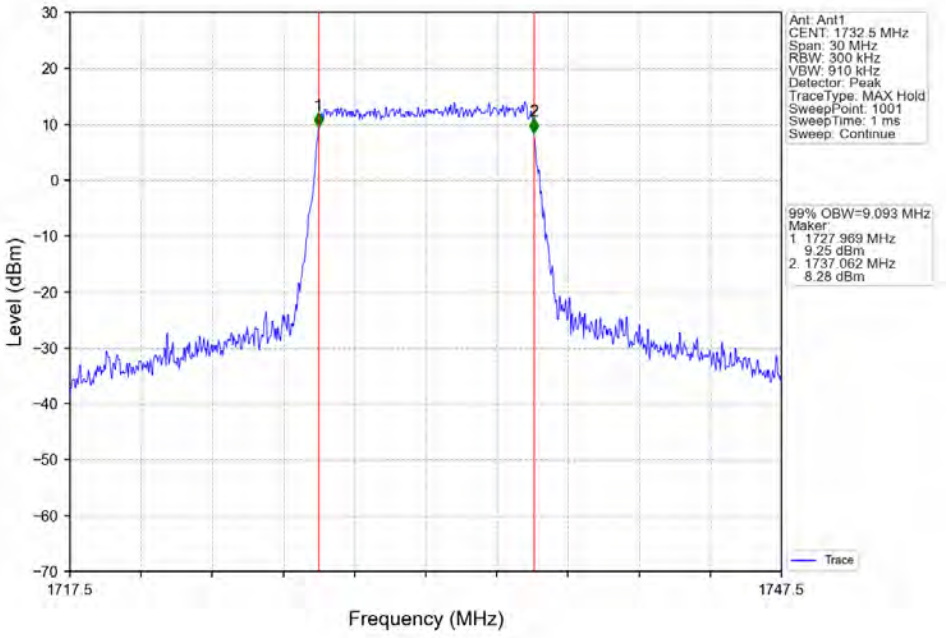
Band4_5MHz_256QAM_HCH_1752.5MHz_RB_25_0_NTNV



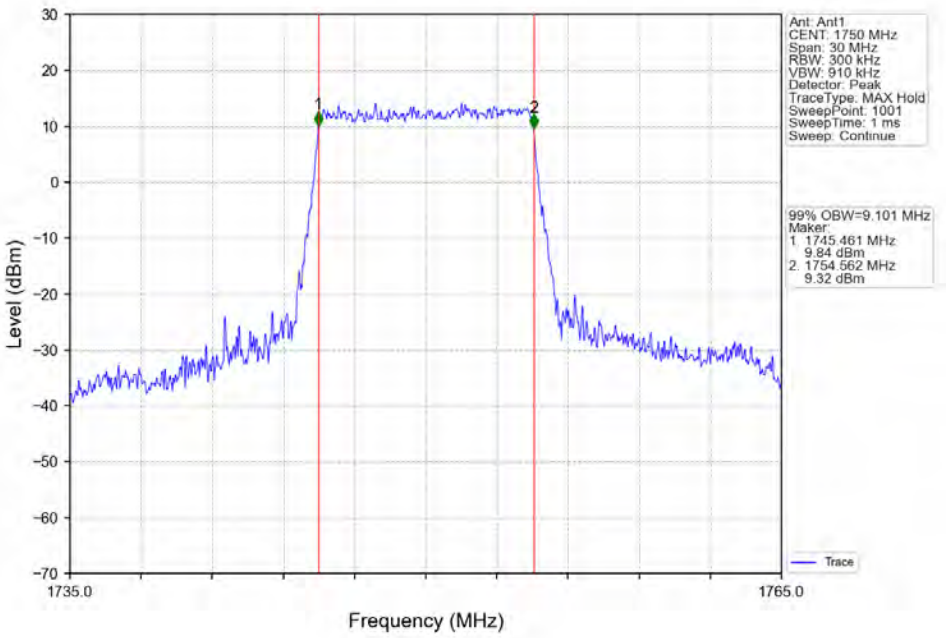
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



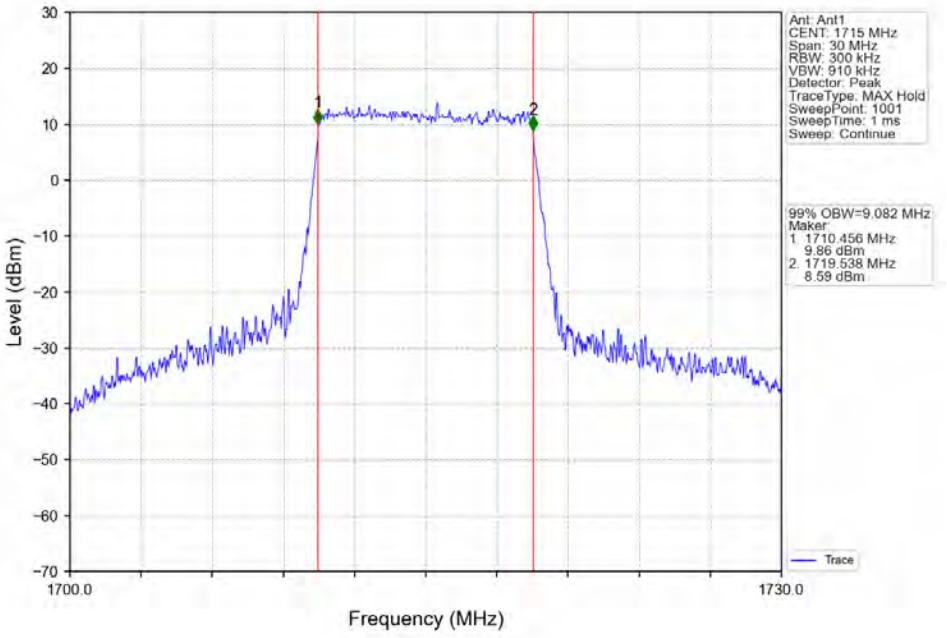
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



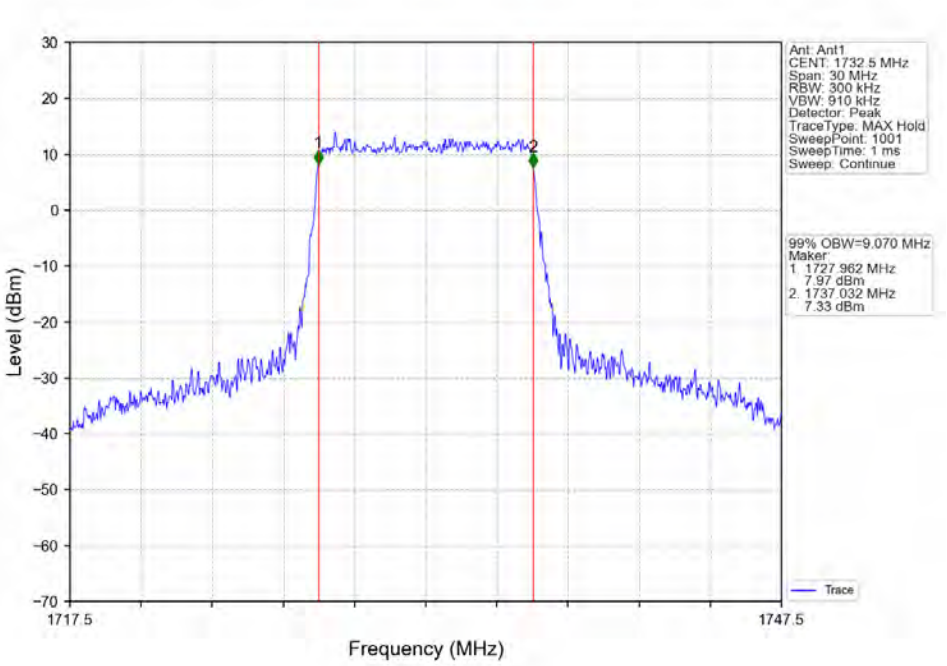
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



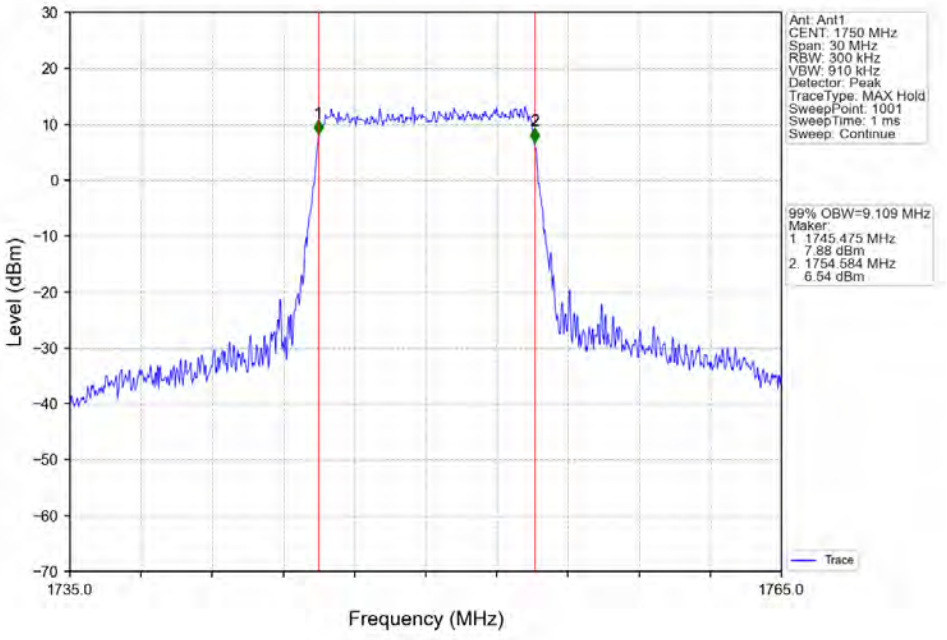
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

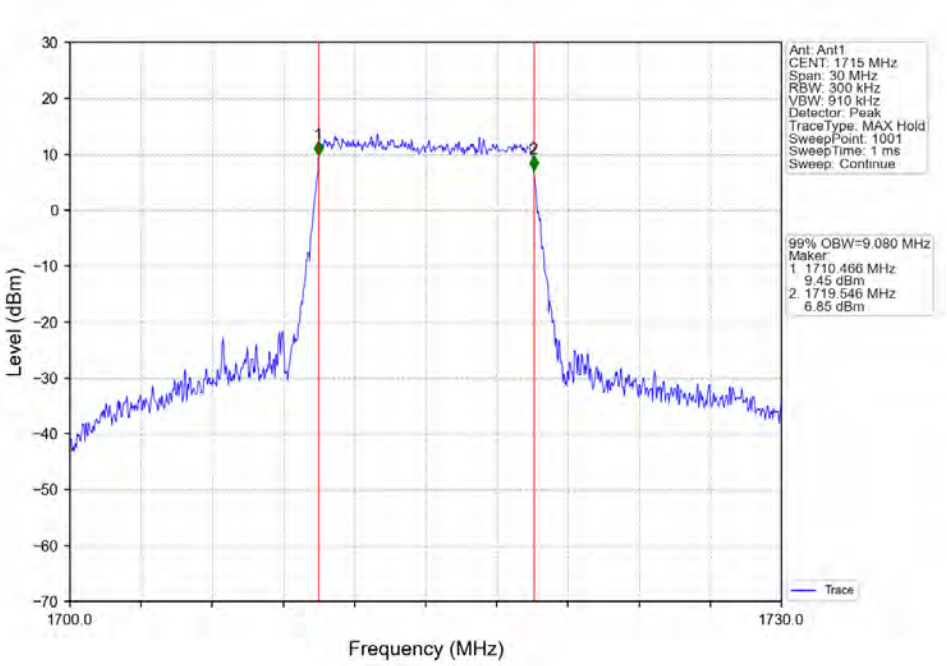


Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV


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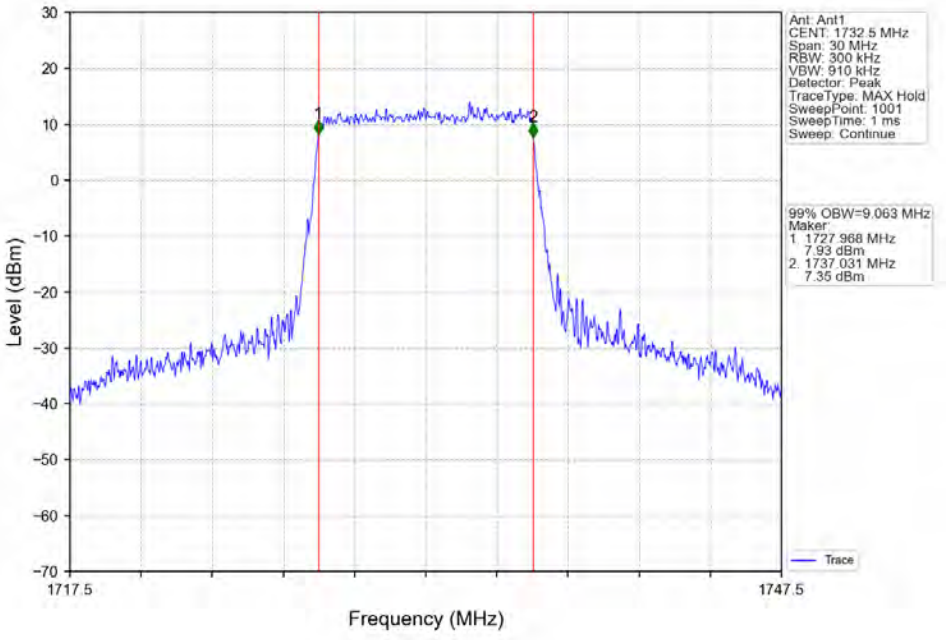
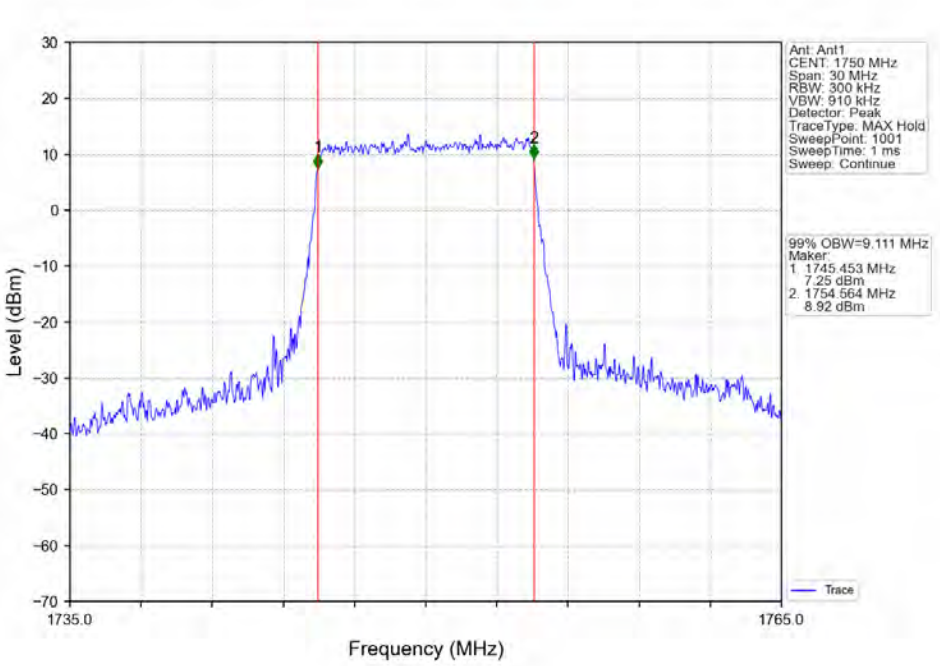
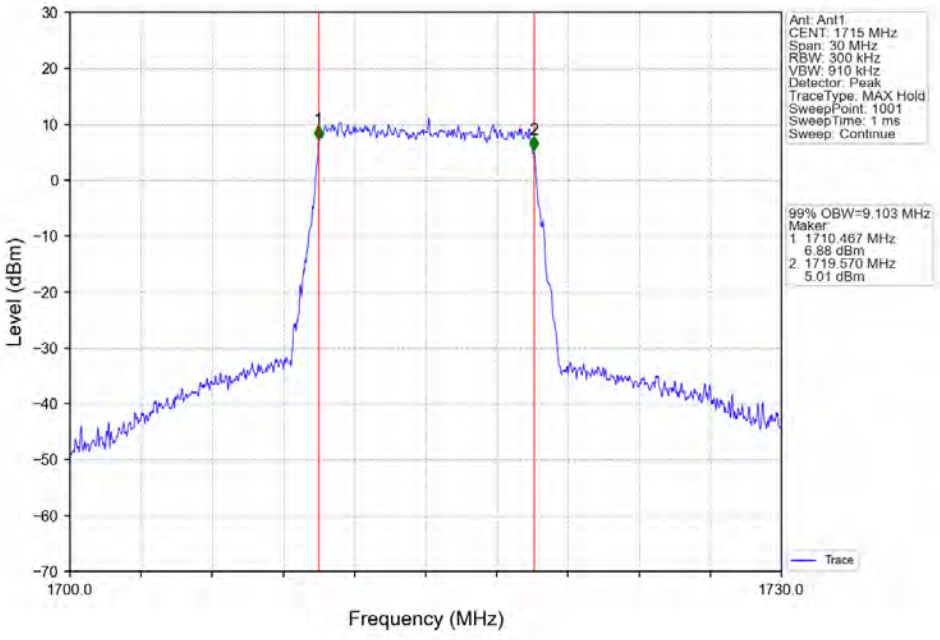


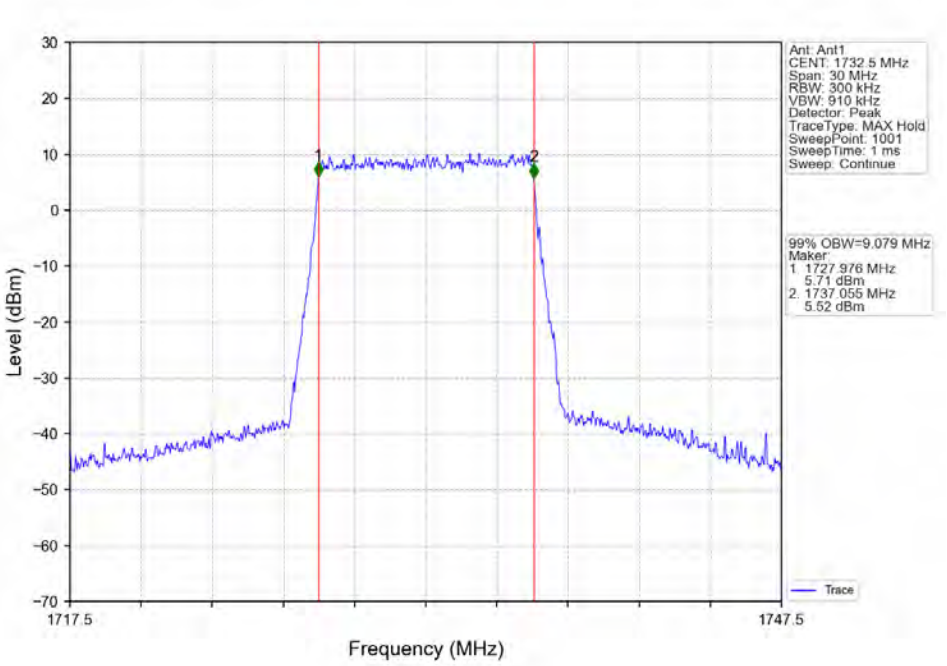
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



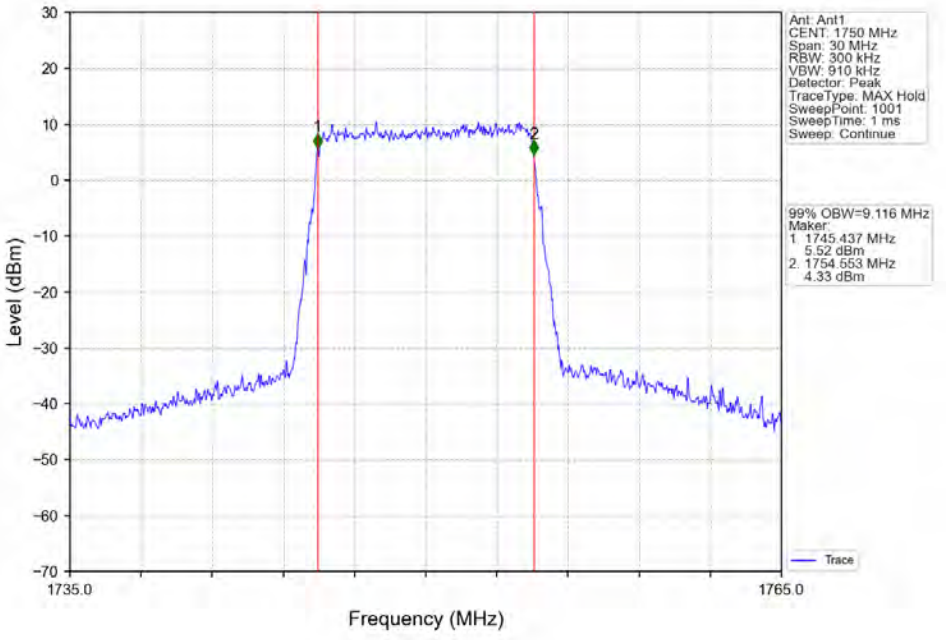
Band4_10MHz_256QAM_LCH_1715MHz_RB_50_0_NTNV



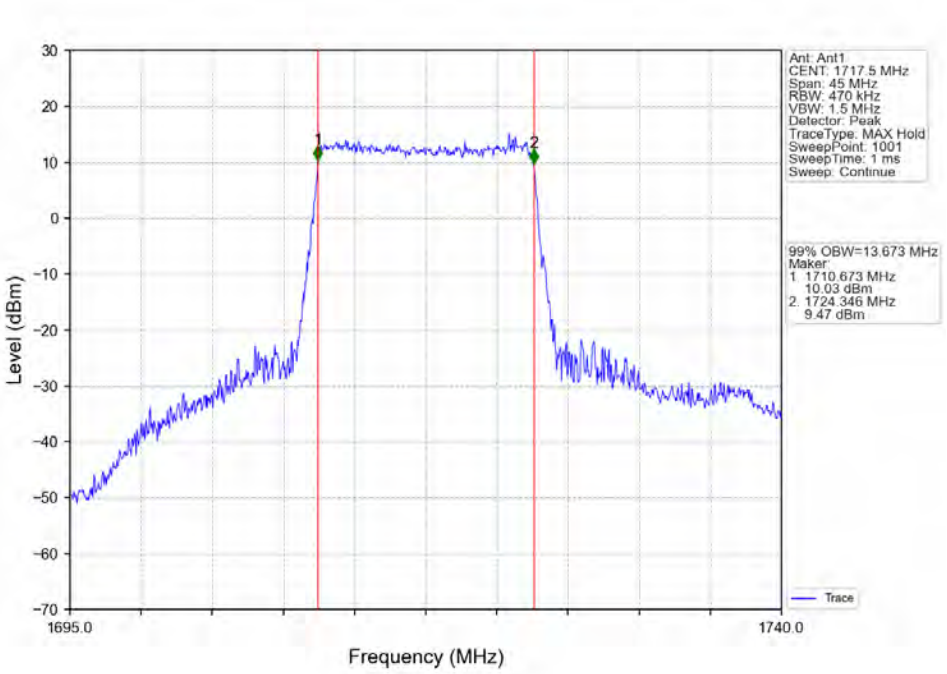
Band4_10MHz_256QAM_MCH_1732.5MHz_RB_50_0_NTNV



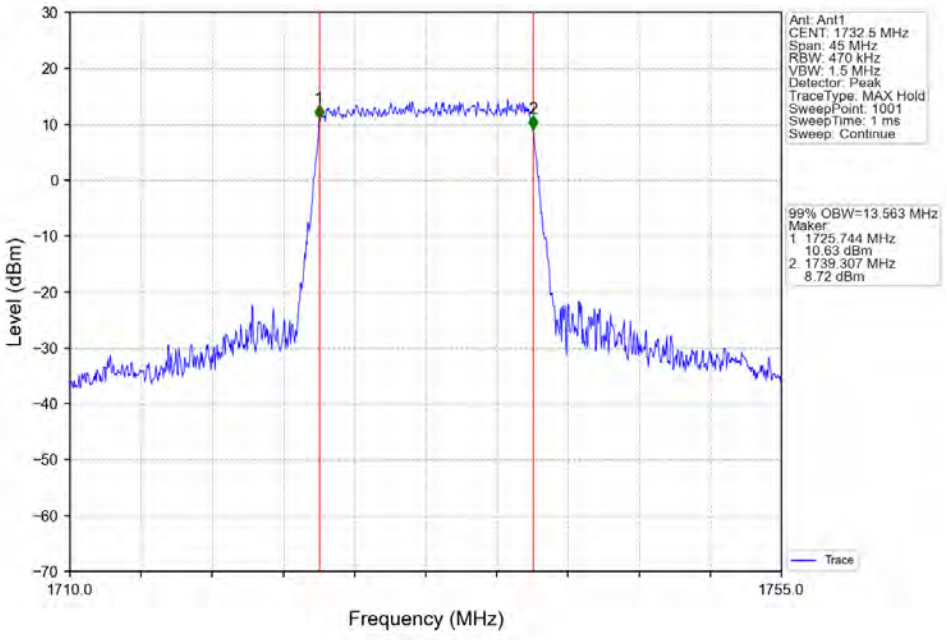
Band4_10MHz_256QAM_HCH_1750MHz_RB_50_0_NTNV



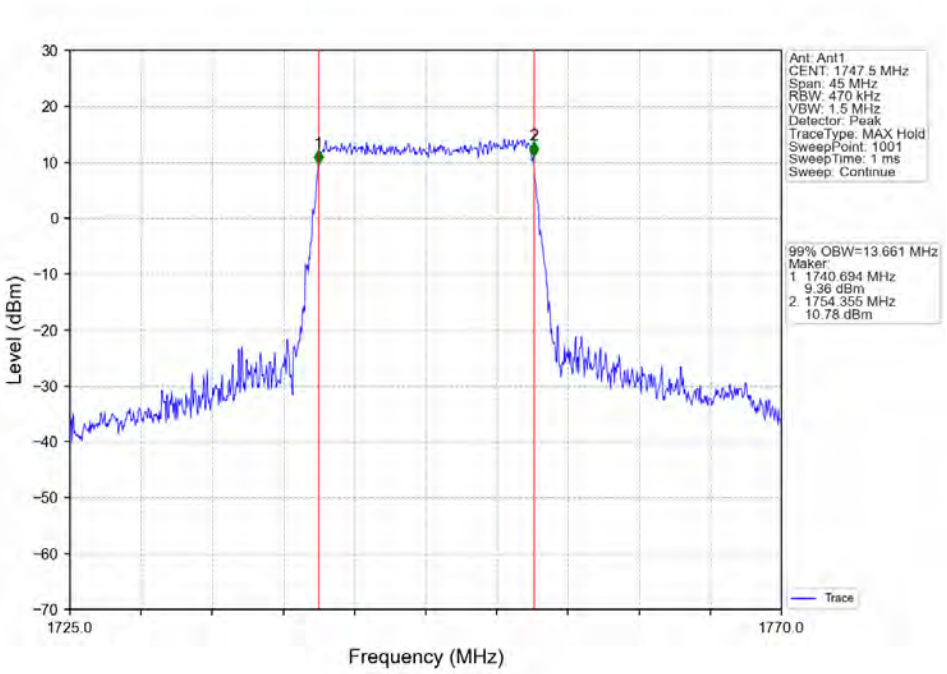
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



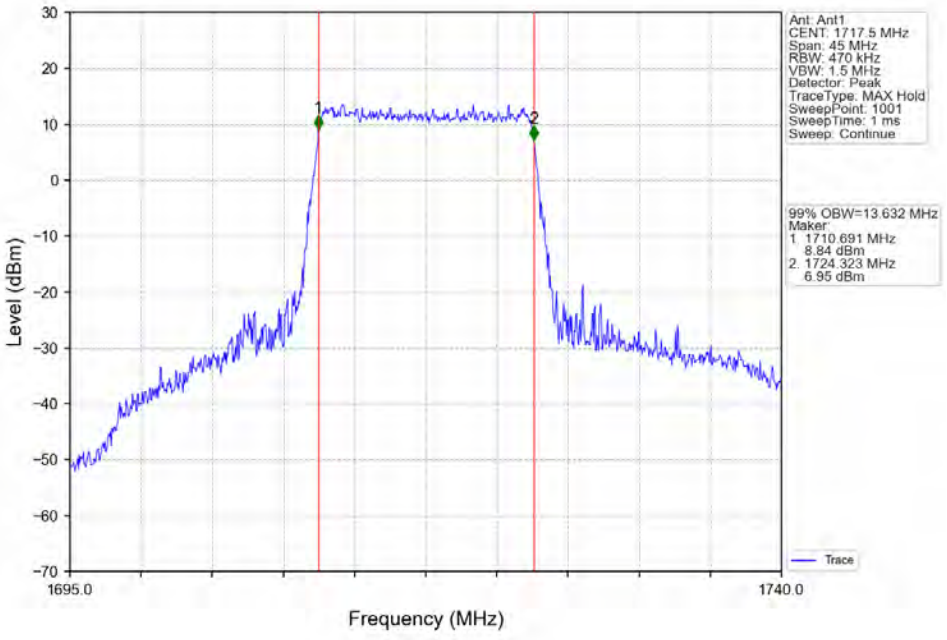
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



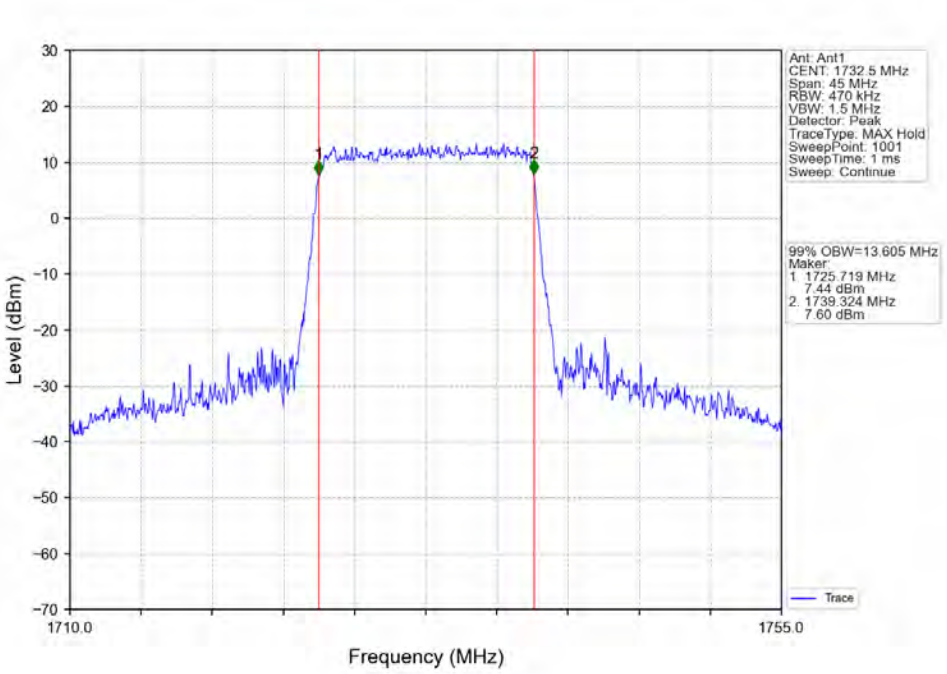
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



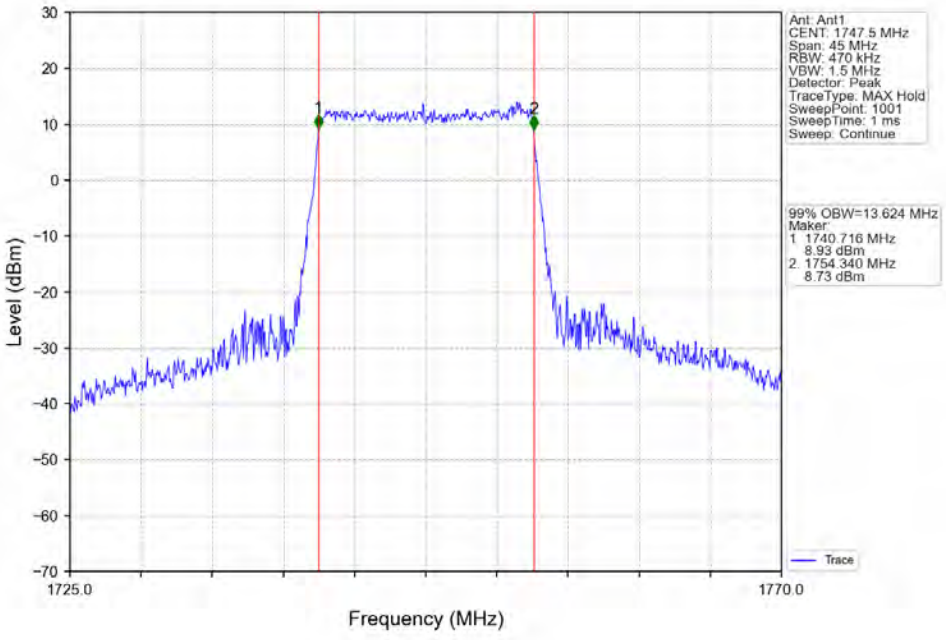
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



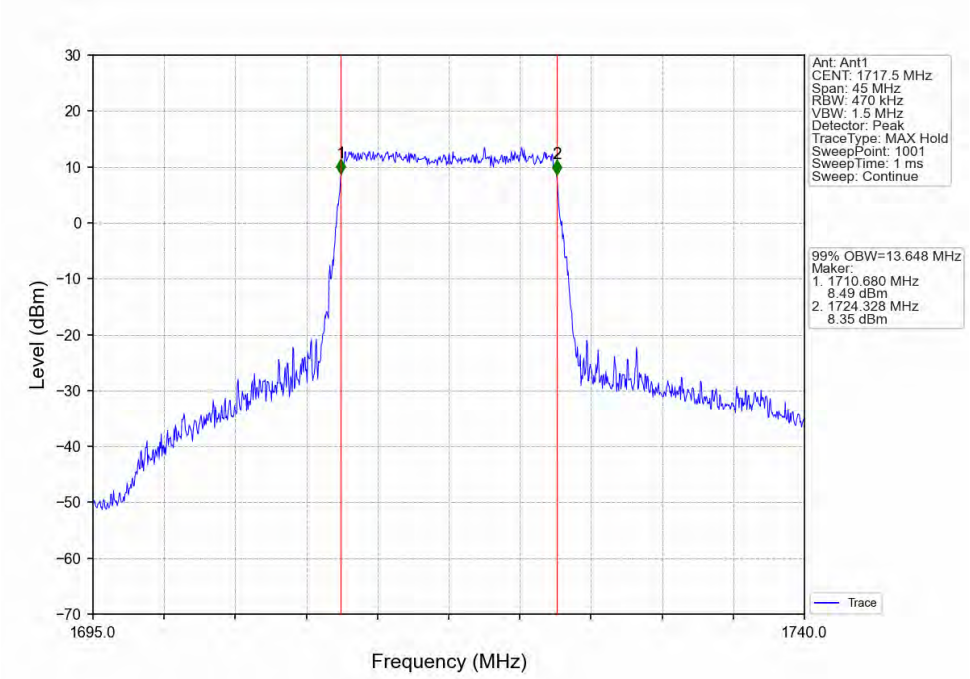
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



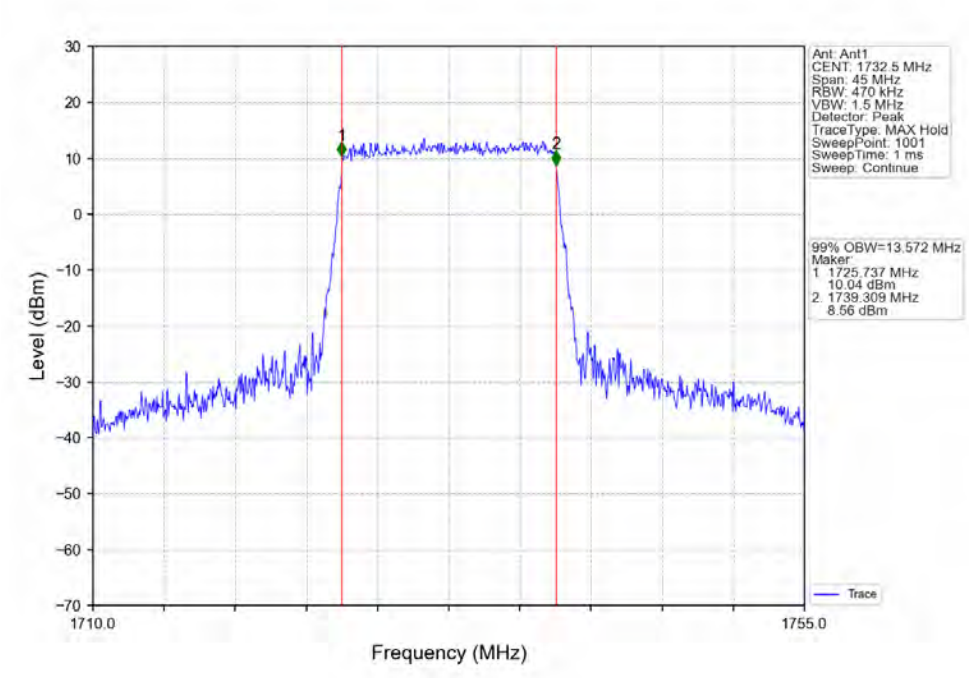
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



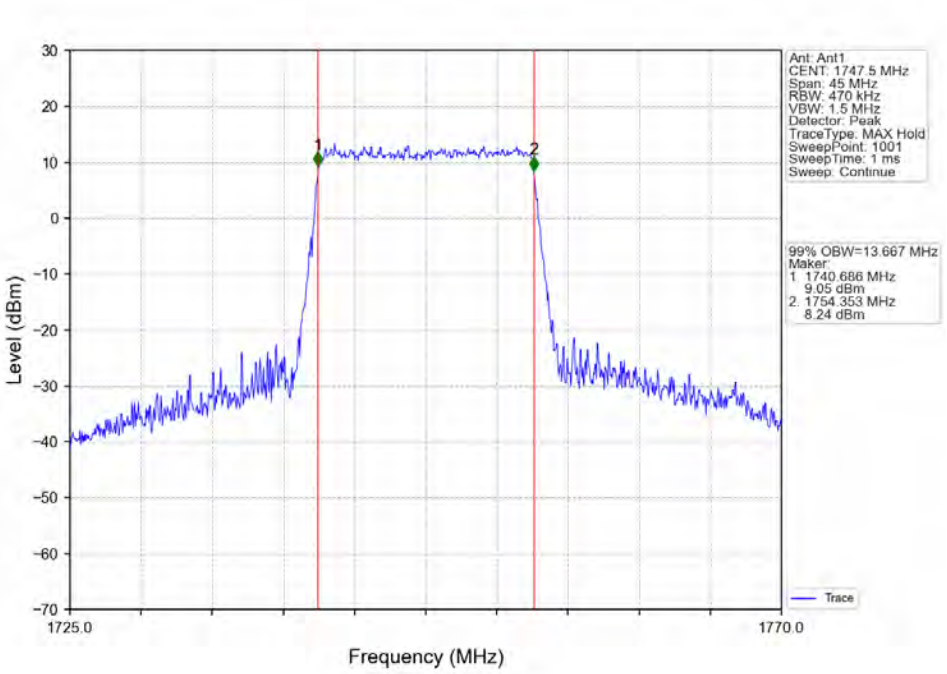
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



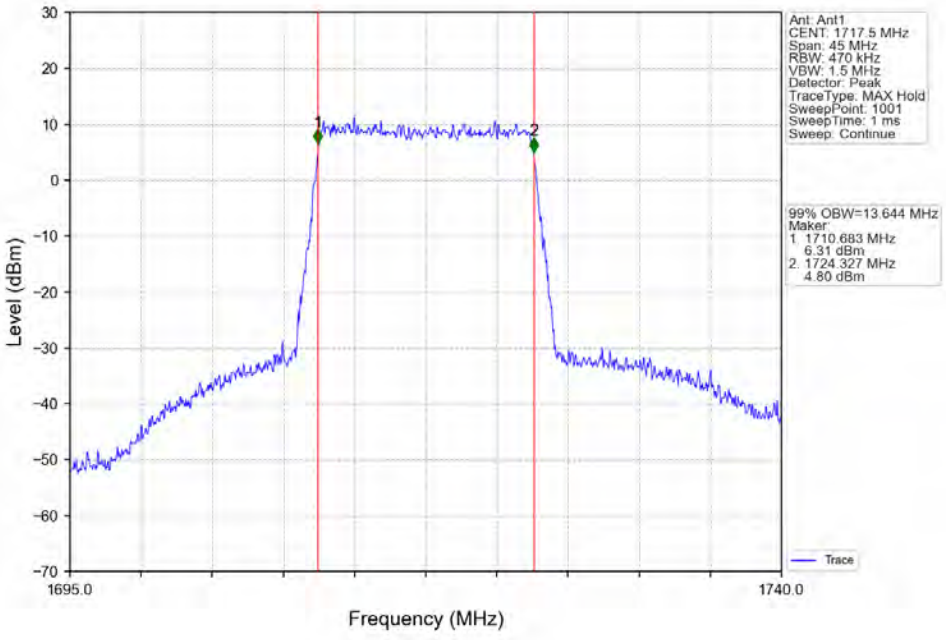
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV

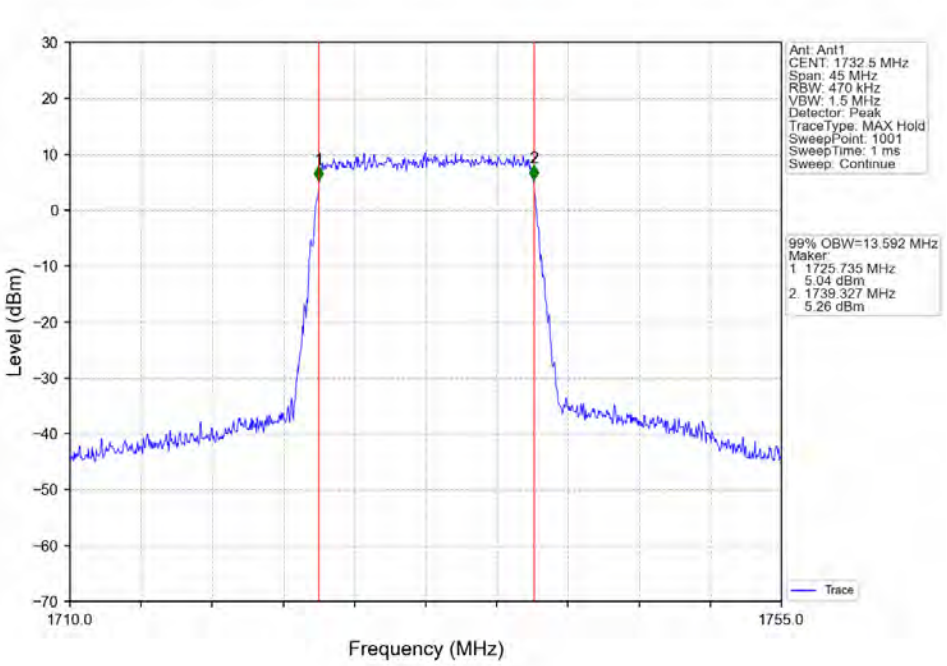


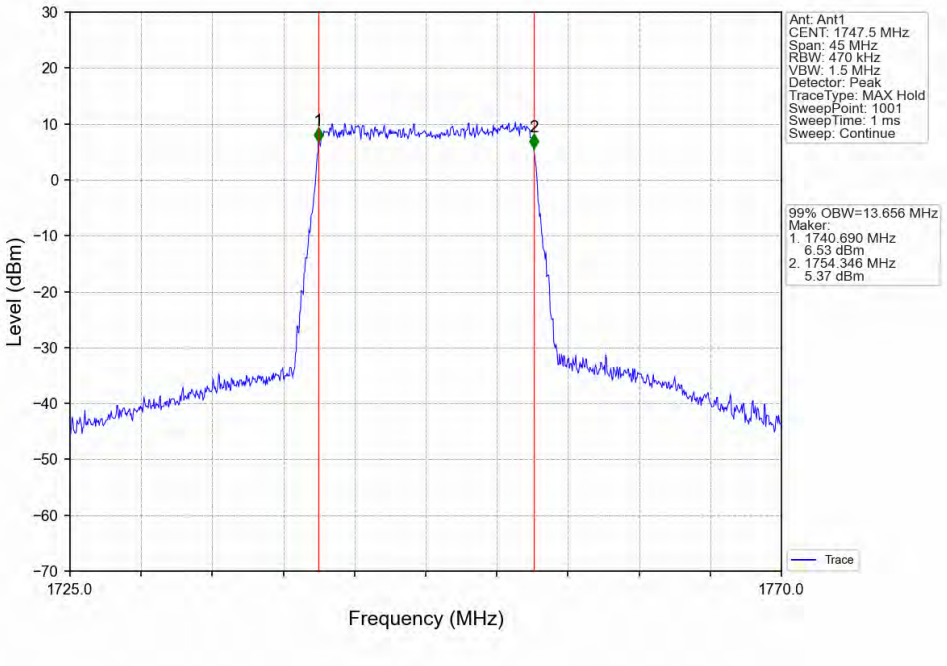
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



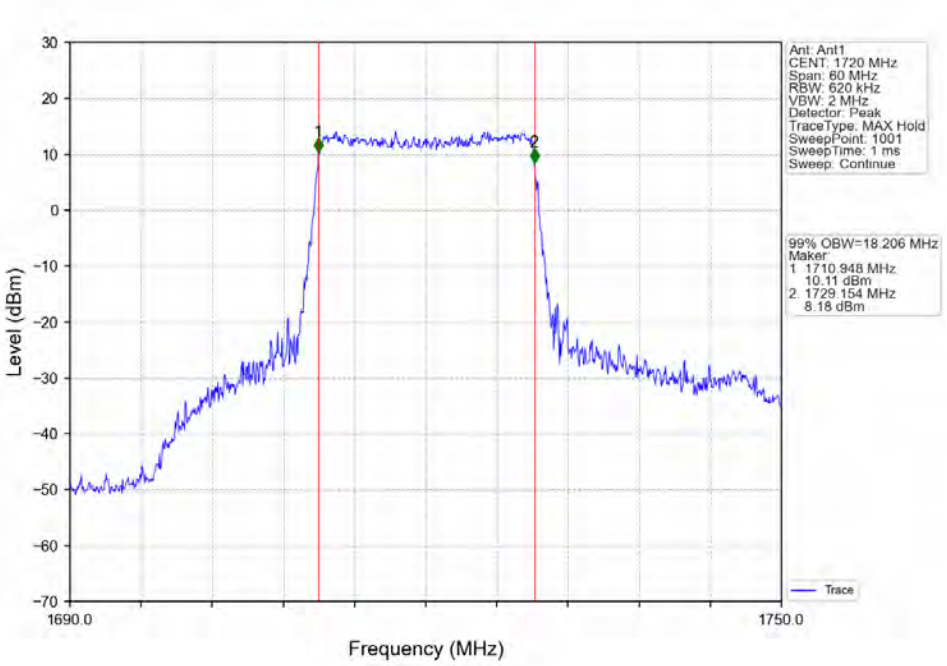
Band4_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_256QAM_MCH_1732.5MHz_RB_75_0_NTNV


Band4_15MHz_256QAM_HCH_1747.5MHz_RB_75_0_NTNV


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



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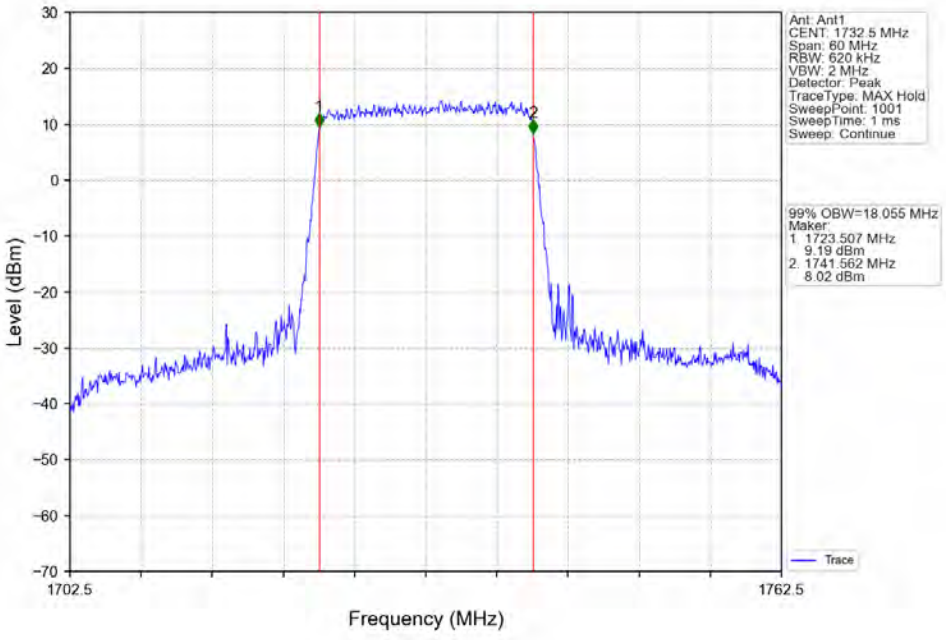
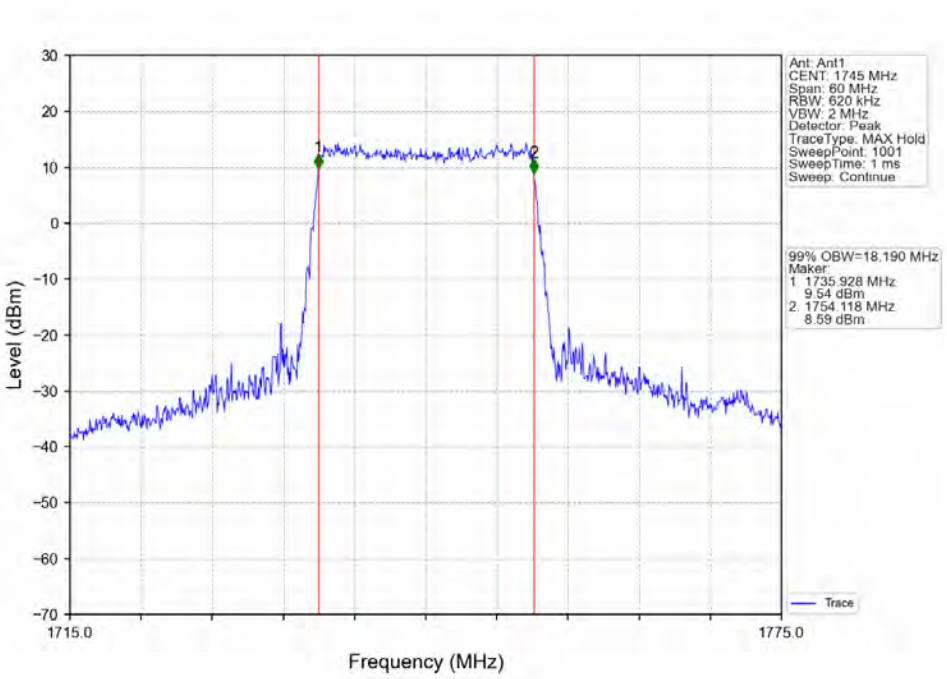
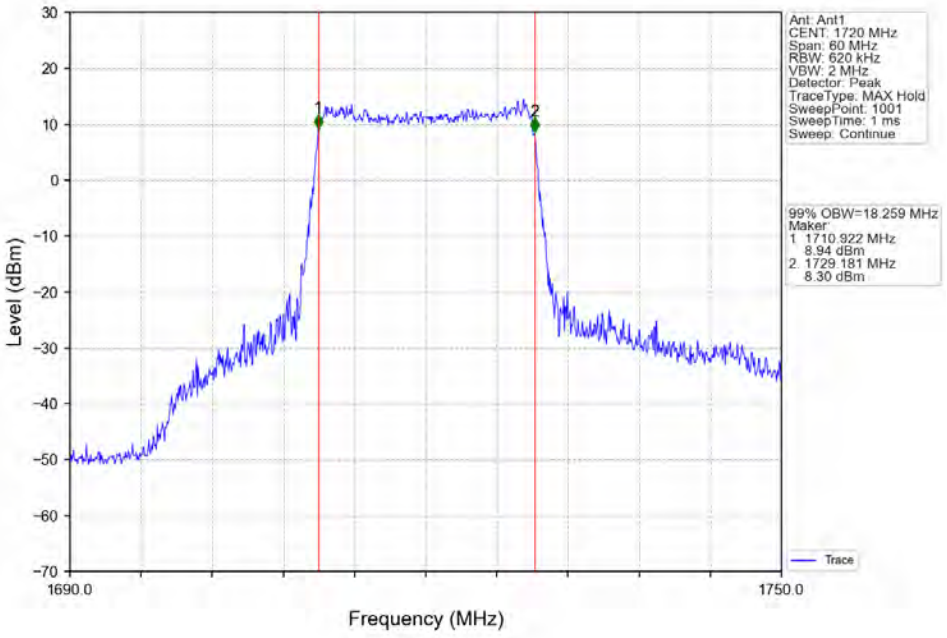


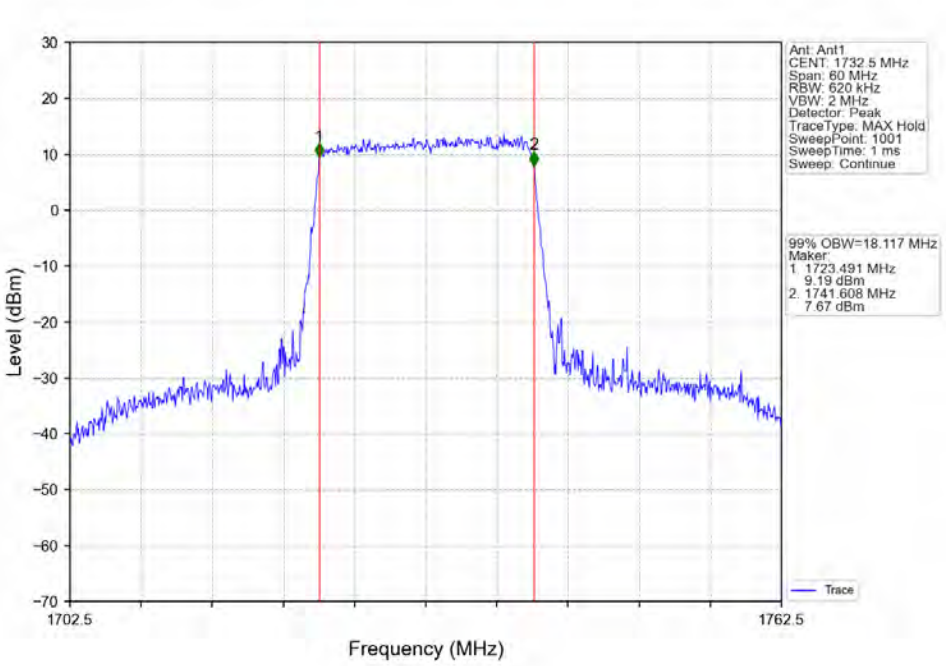
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



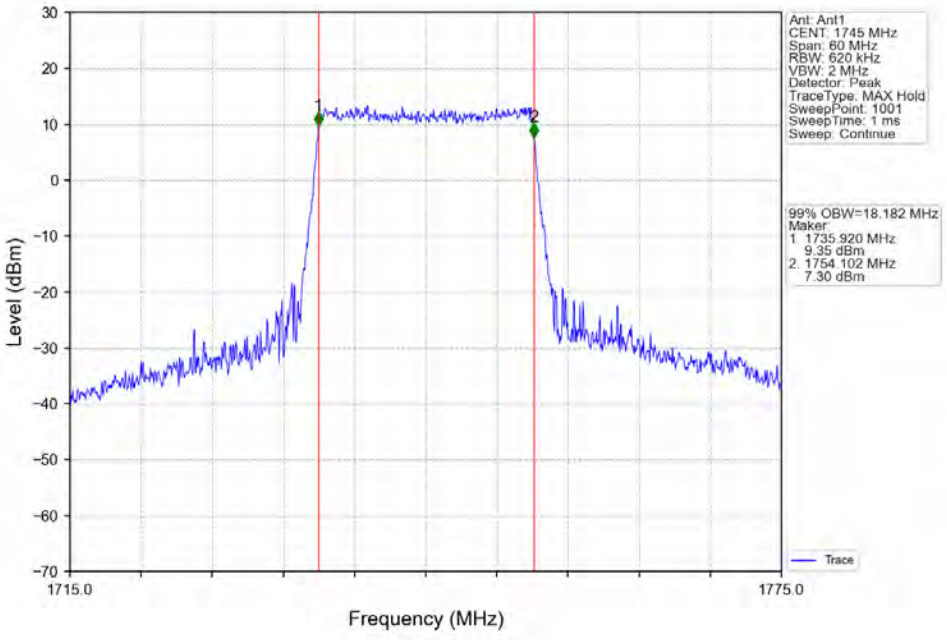
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



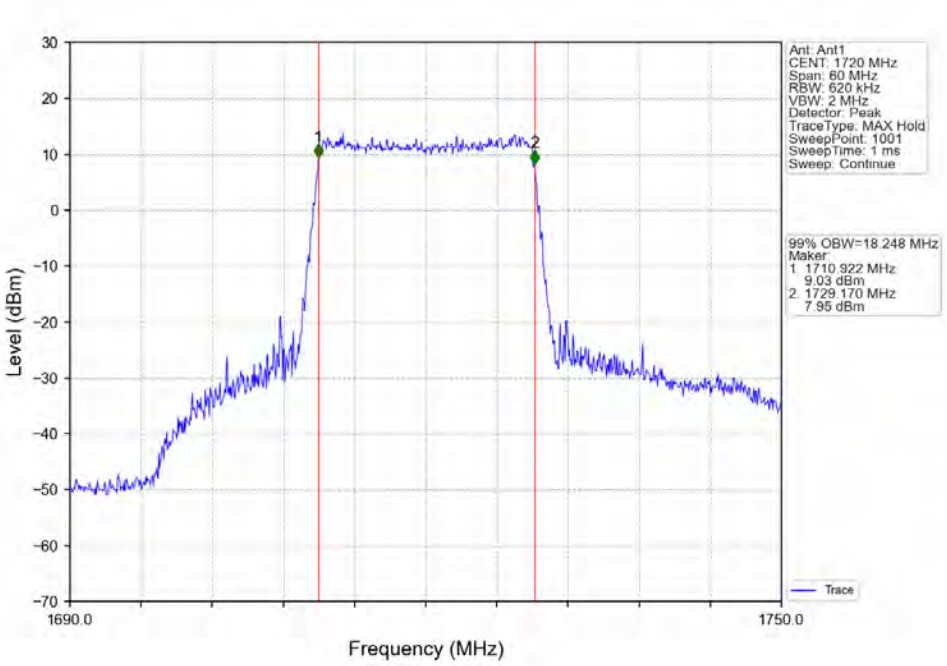
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



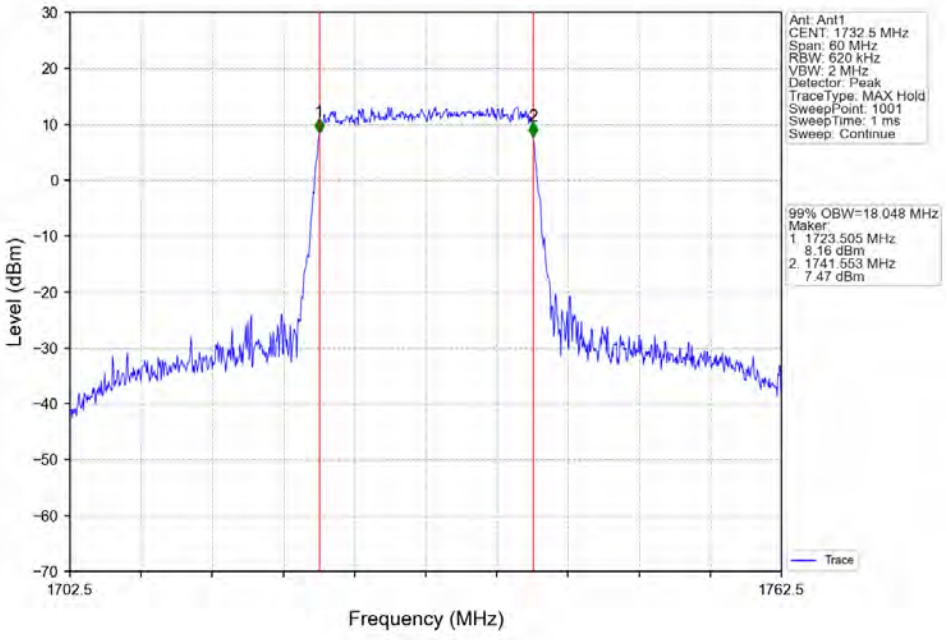
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



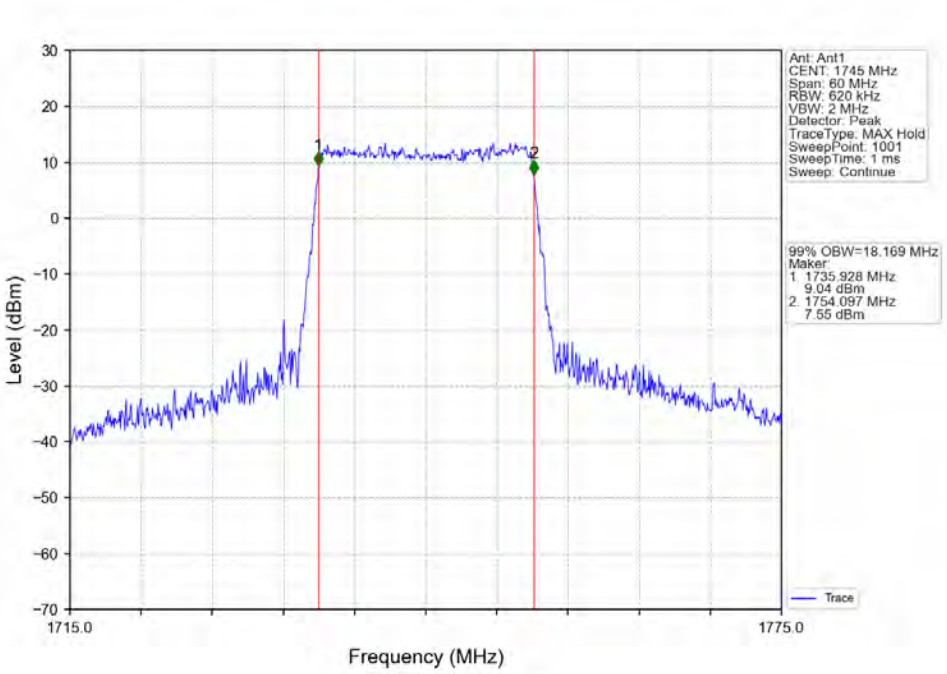
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



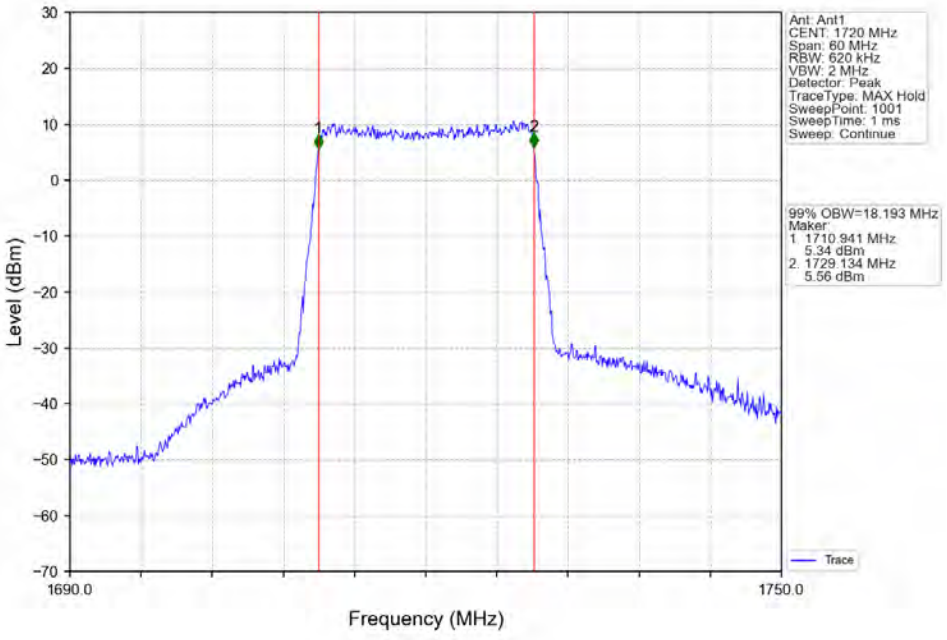
Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



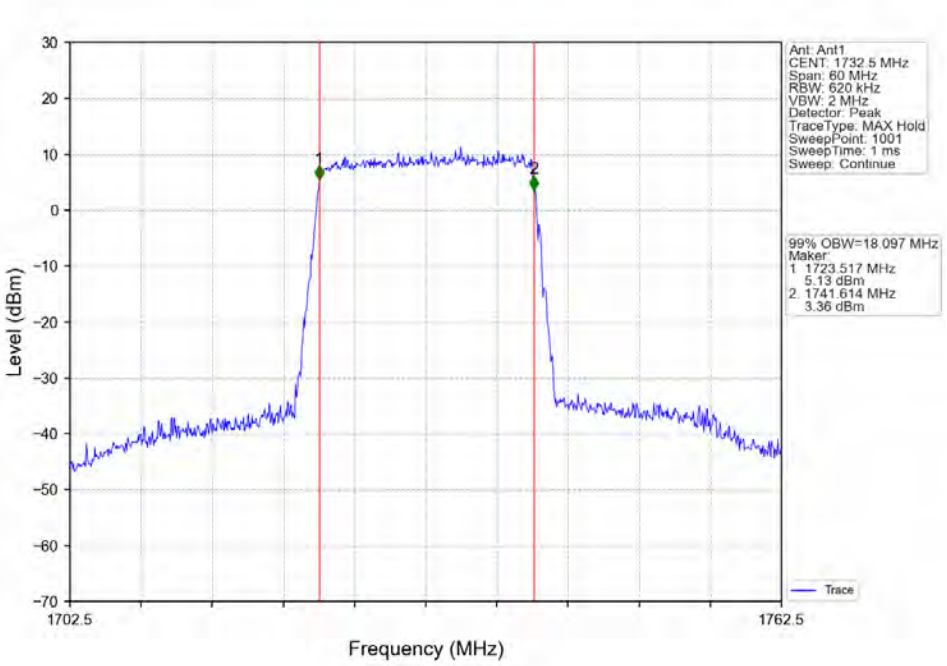
Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



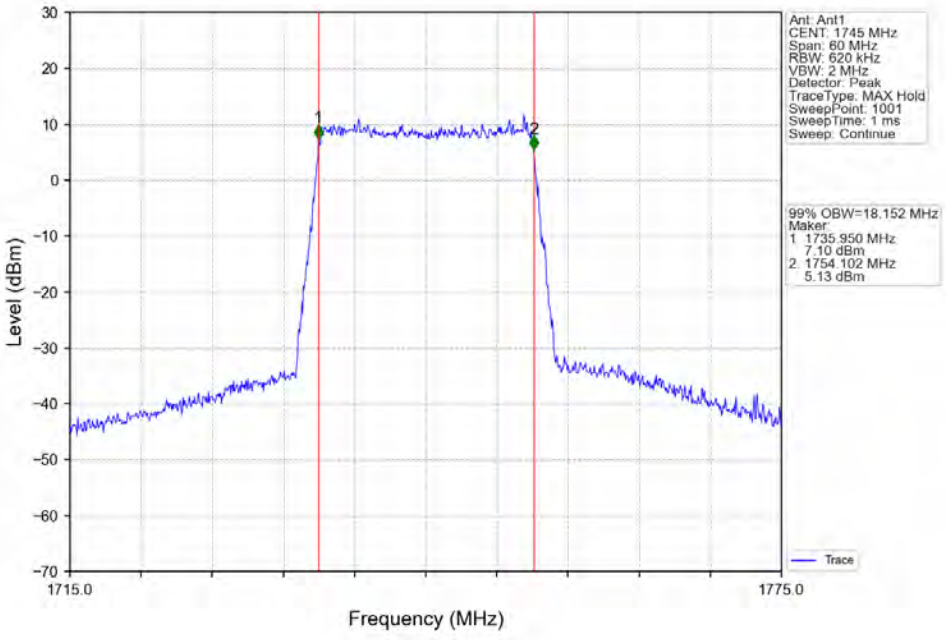
Band4_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV



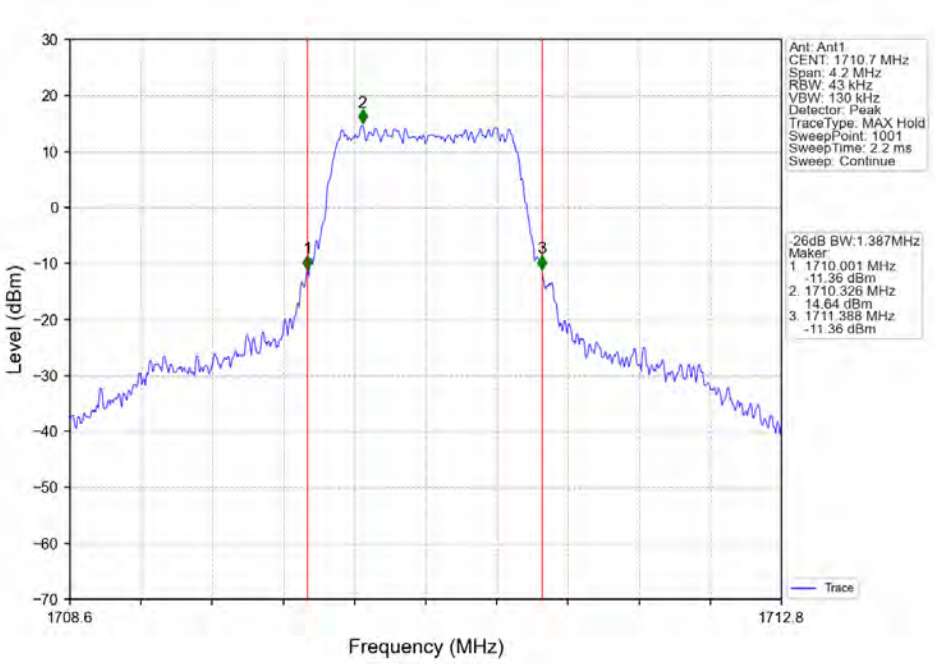
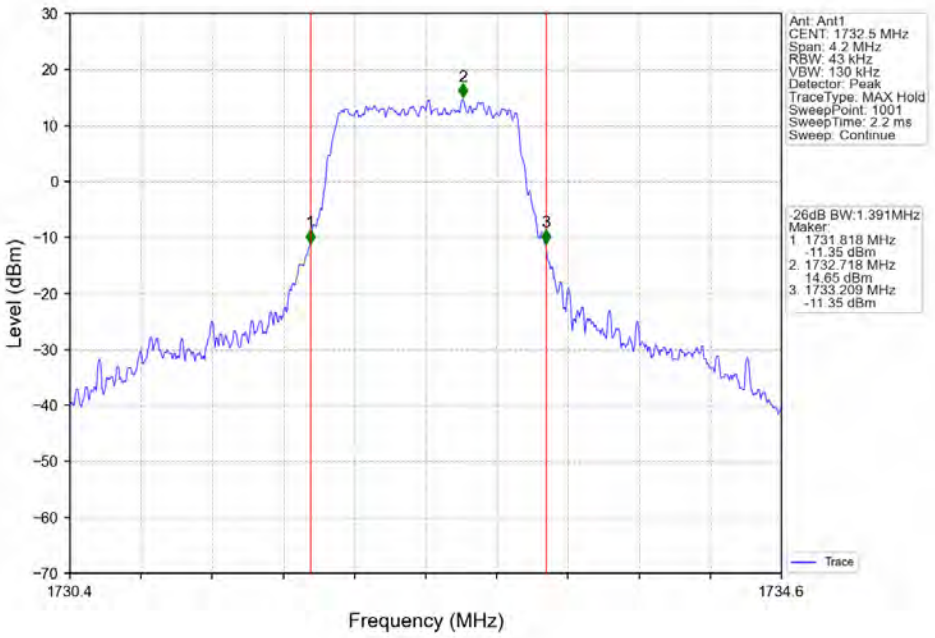
Band4_20MHz_256QAM_MCH_1732.5MHz_RB_100_0_NTNV



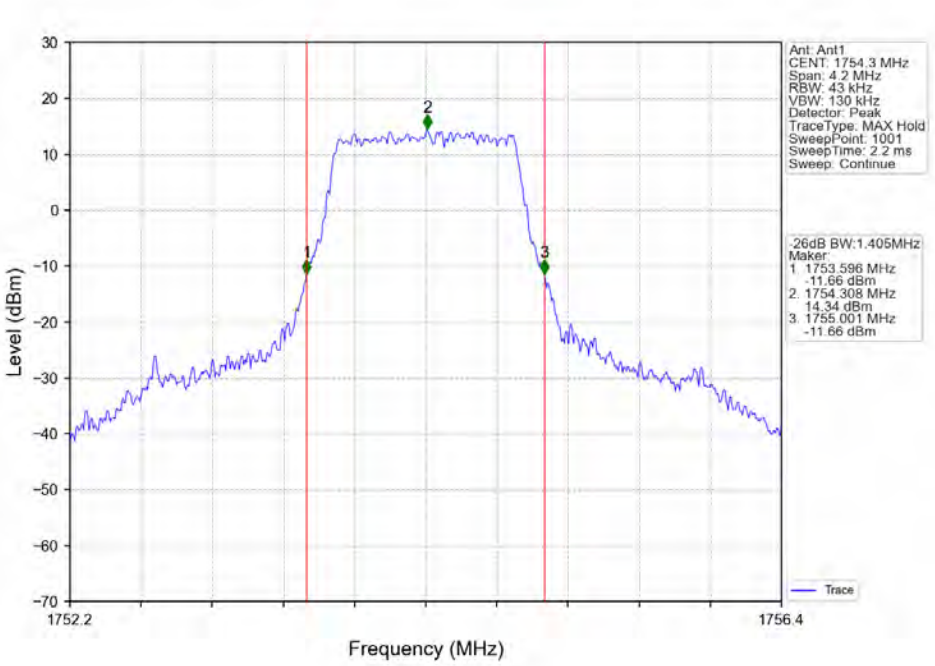
Band4_20MHz_256QAM_HCH_1745MHz_RB_100_0_NTNV



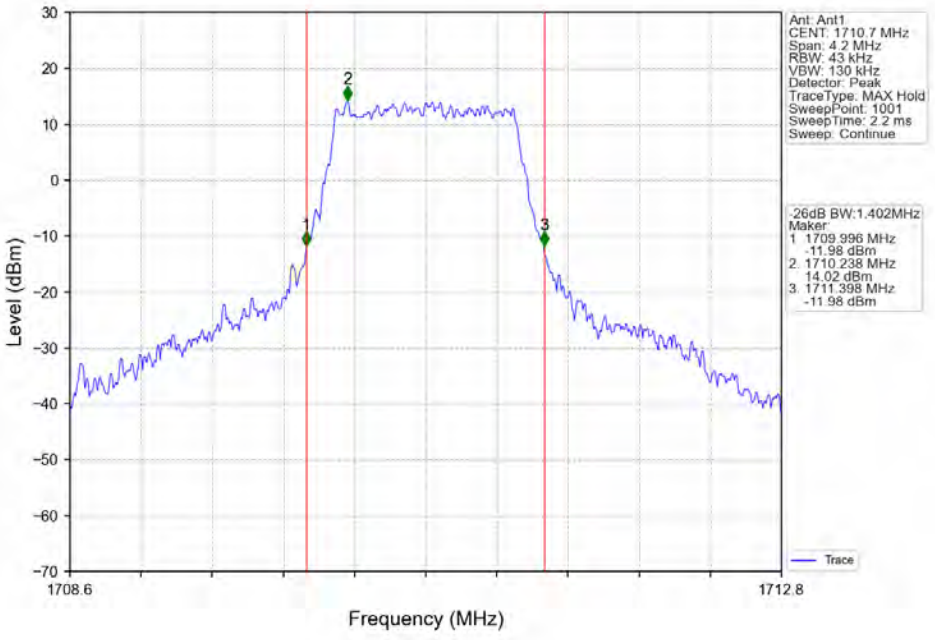
3.2.2 Band4_XDB

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV


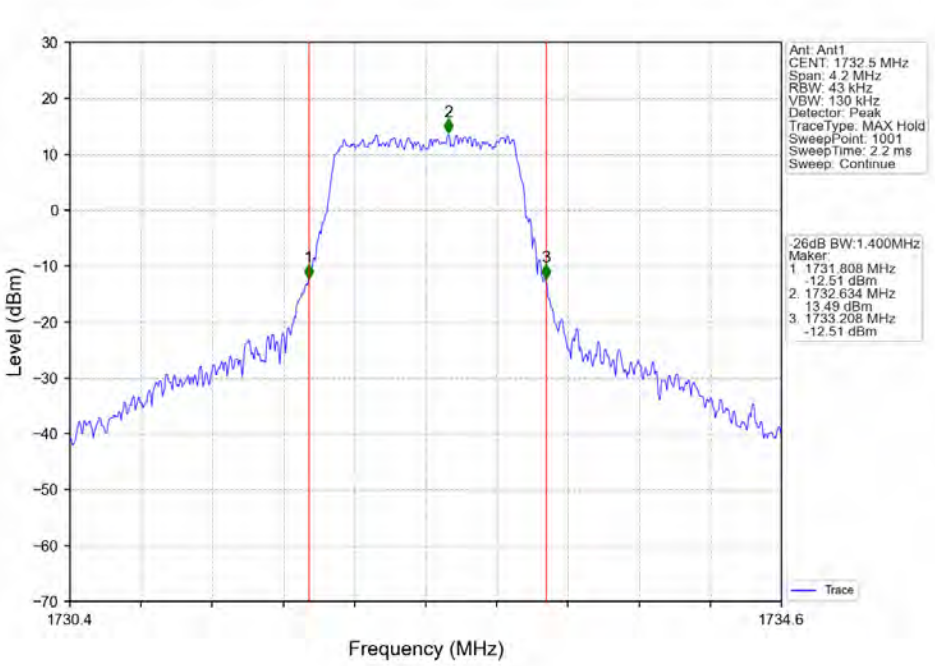
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



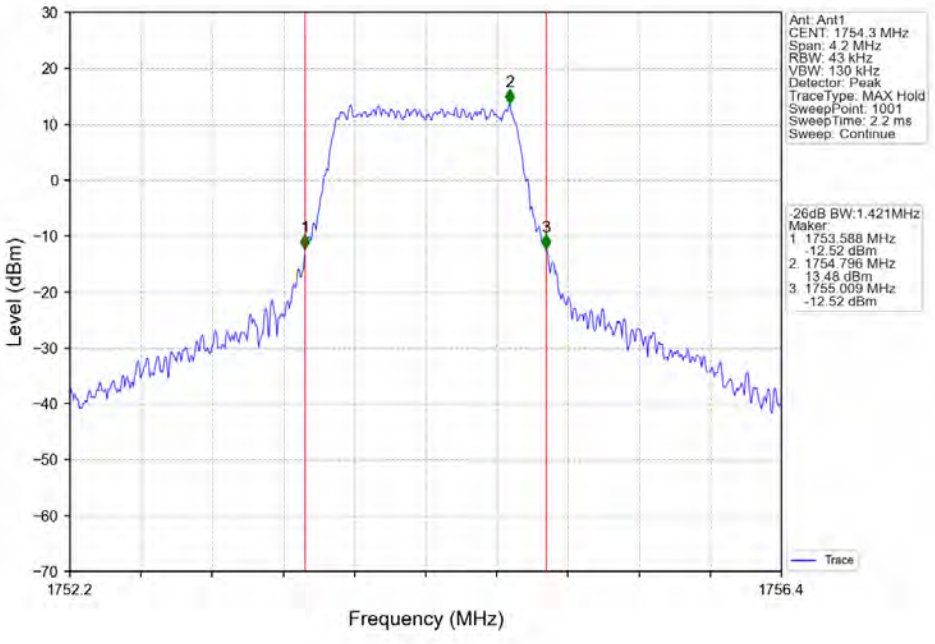
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



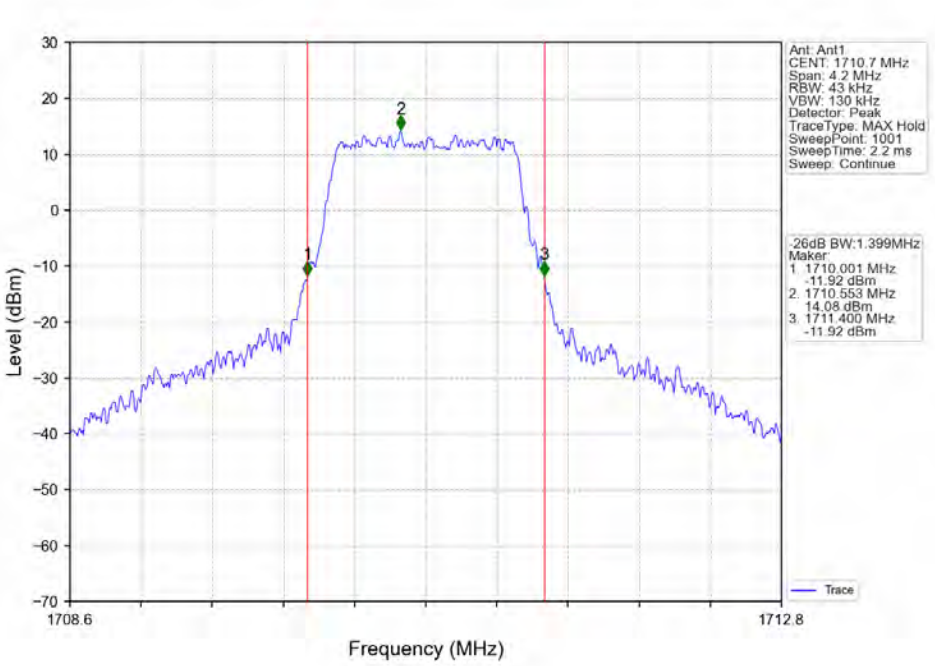
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



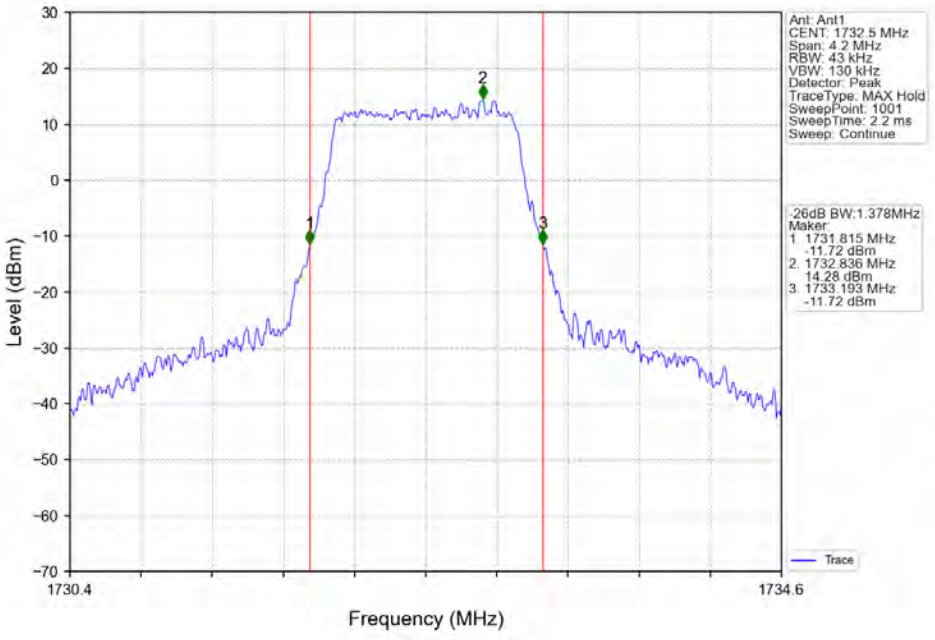
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



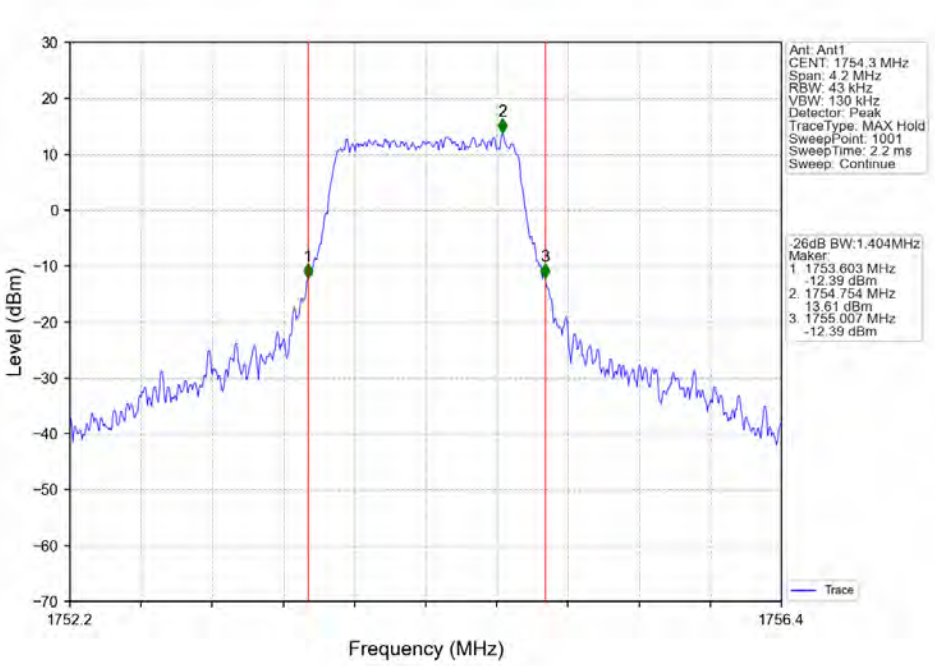
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



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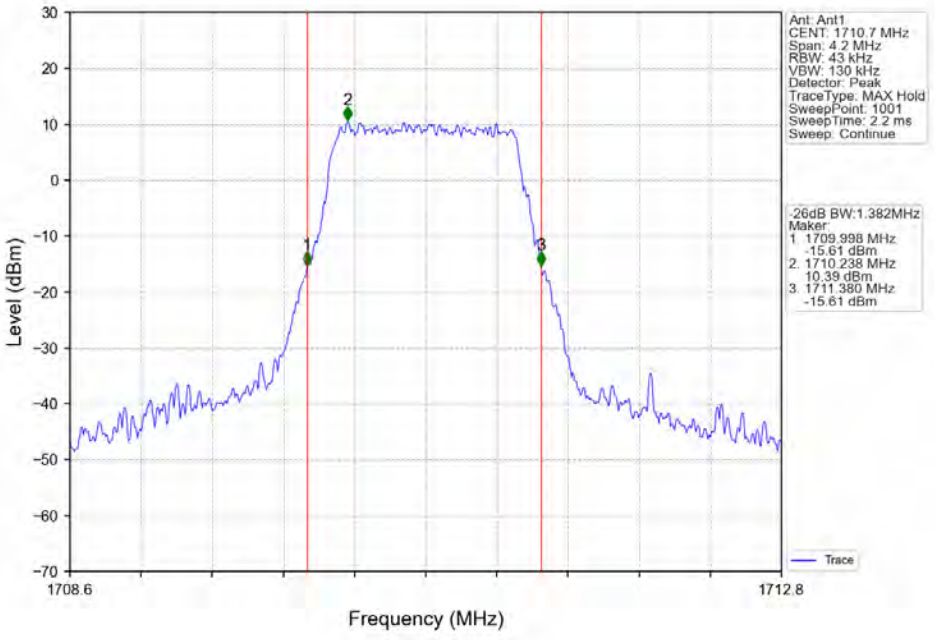
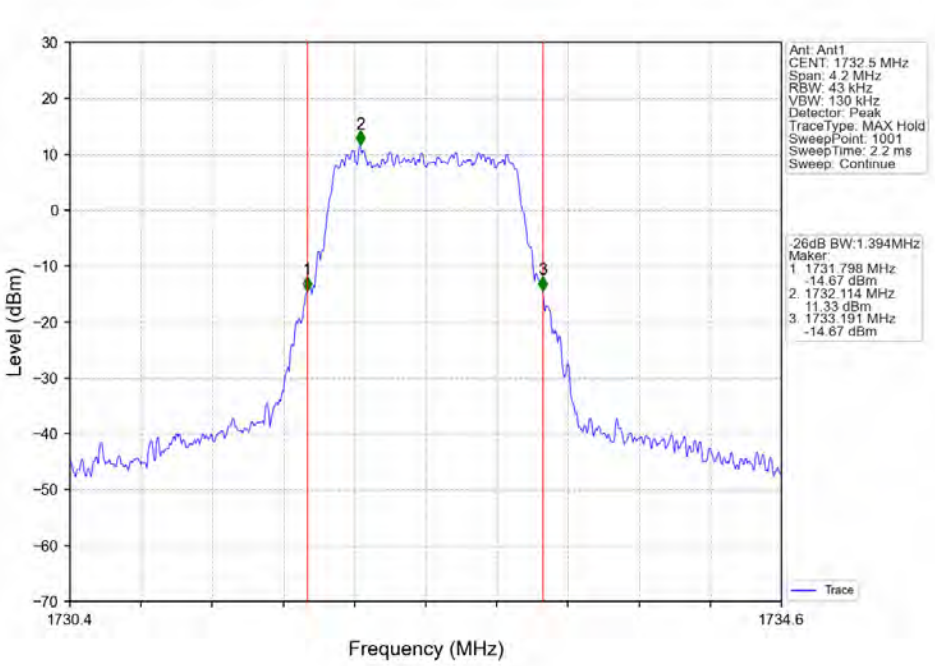
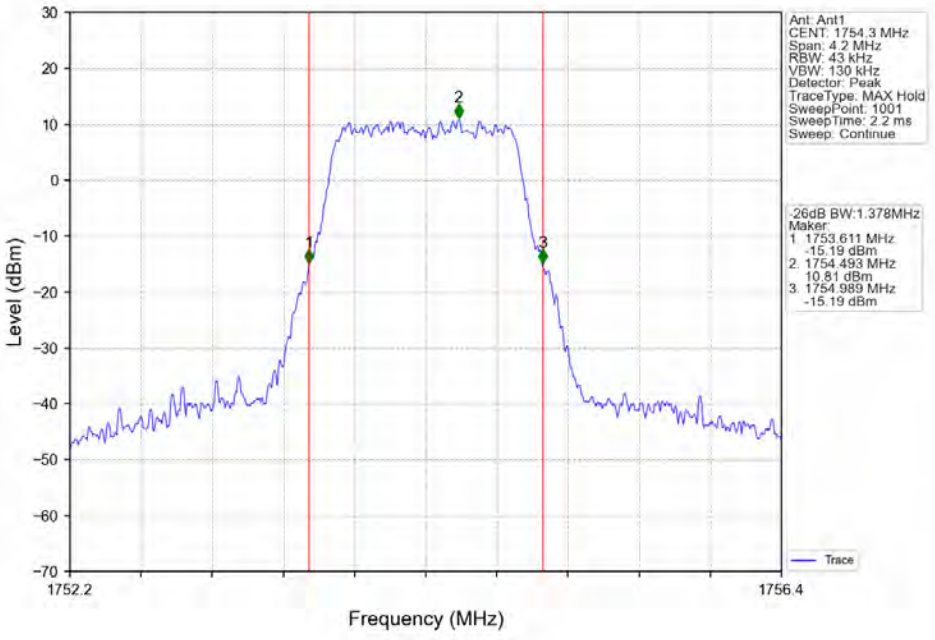


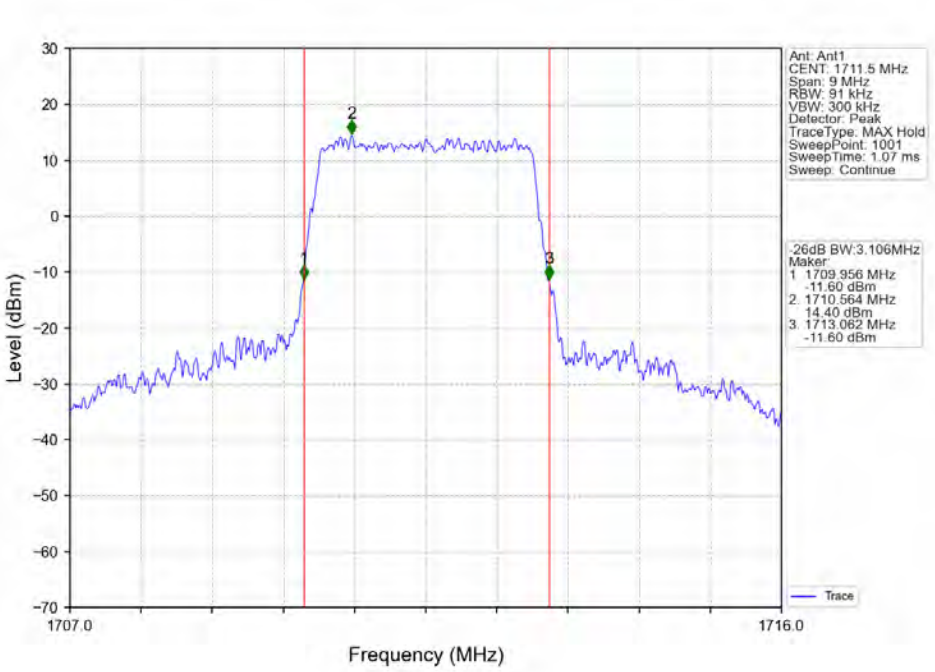
Band4_1.4MHz_256QAM_MCH_1732.5MHz_RB_6_0_NTNV



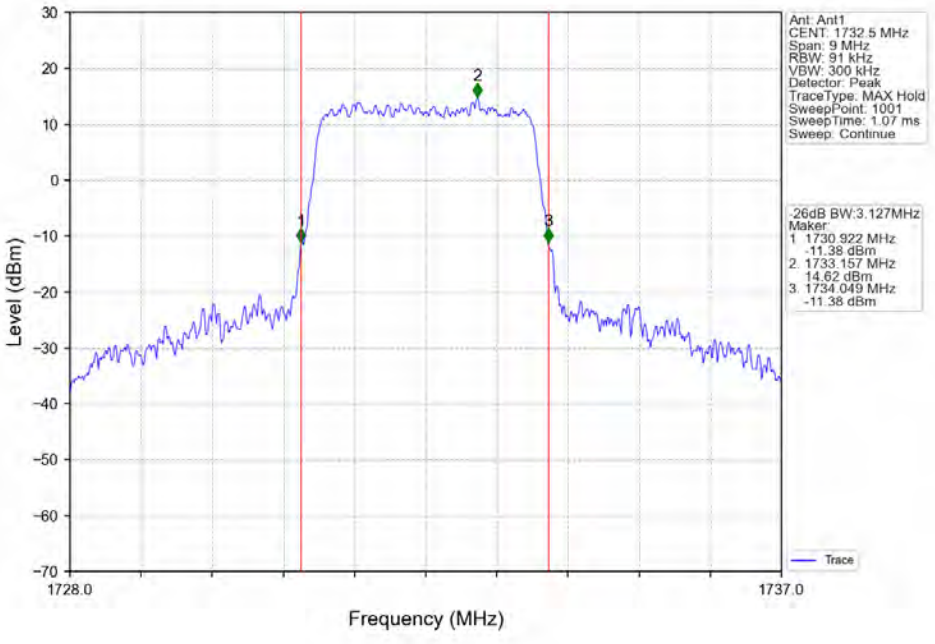
Band4_1.4MHz_256QAM_HCH_1754.3MHz_RB_6_0_NTNV



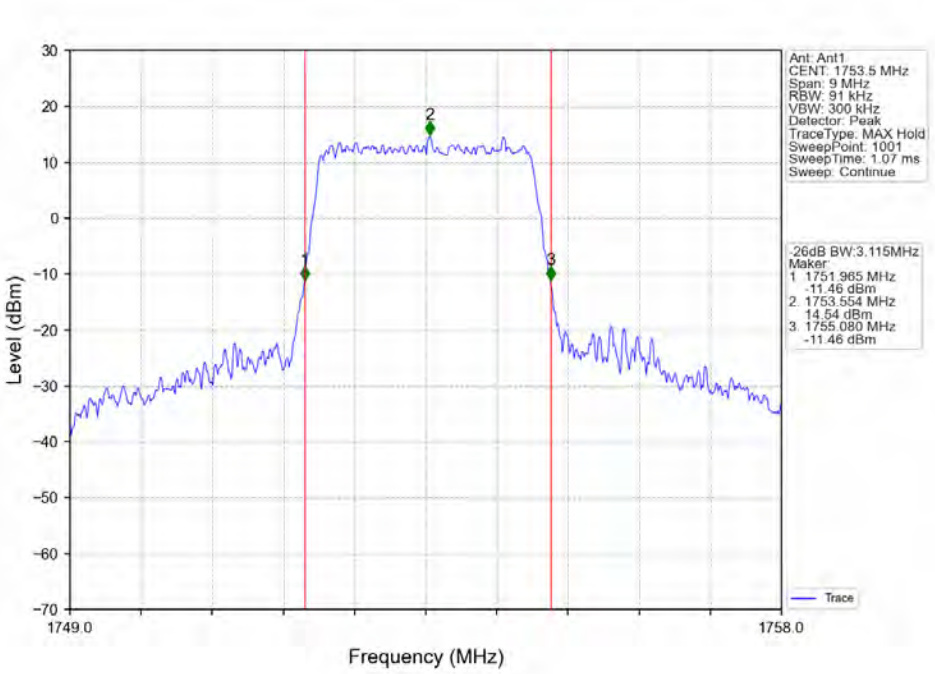
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



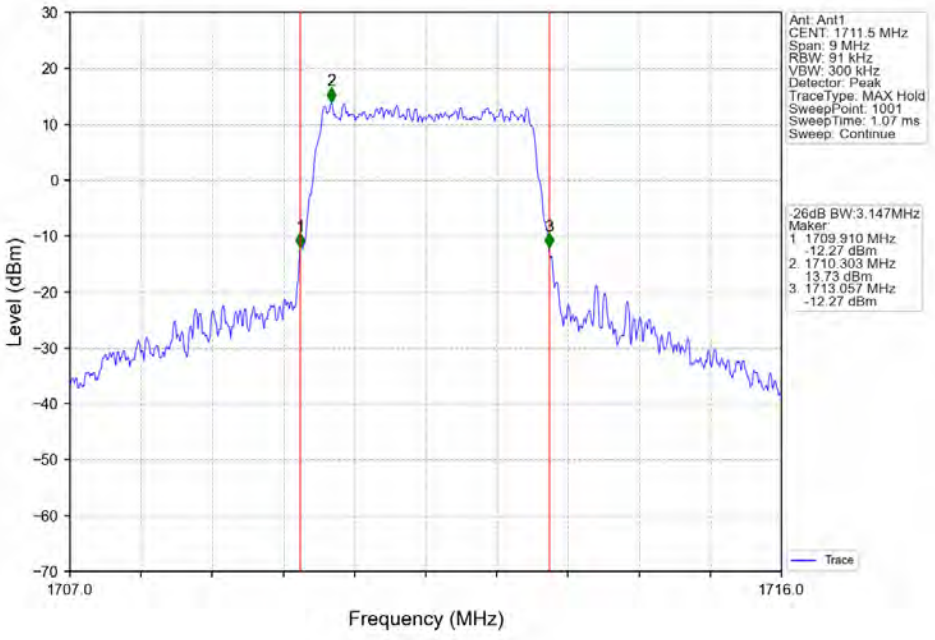
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



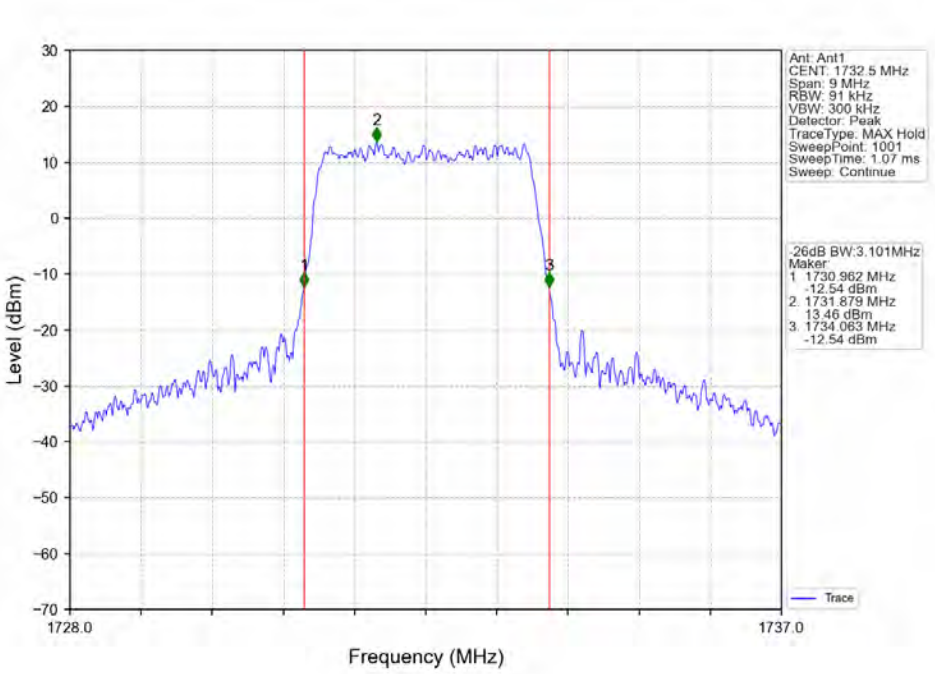
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



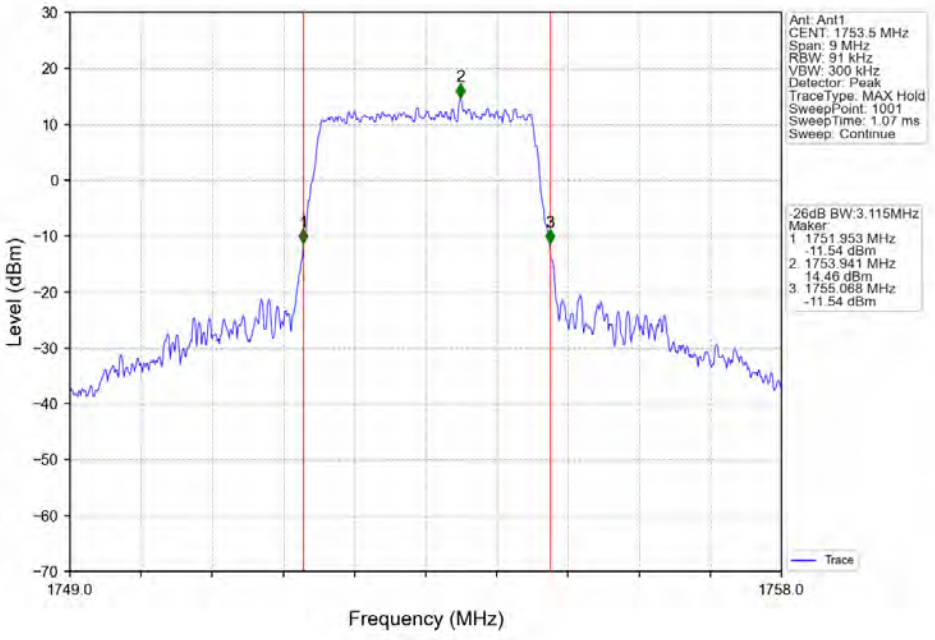
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



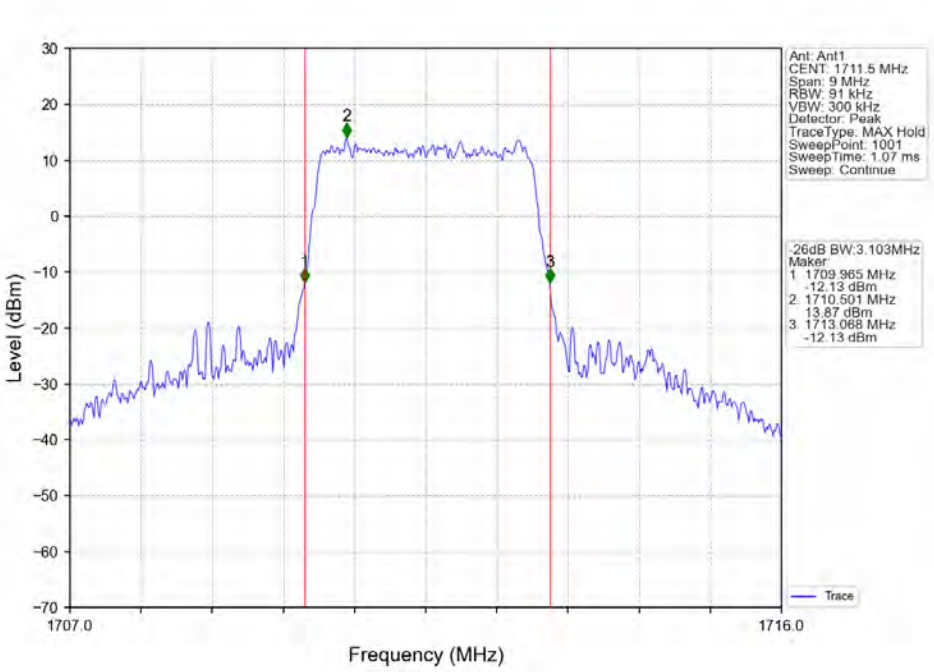
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



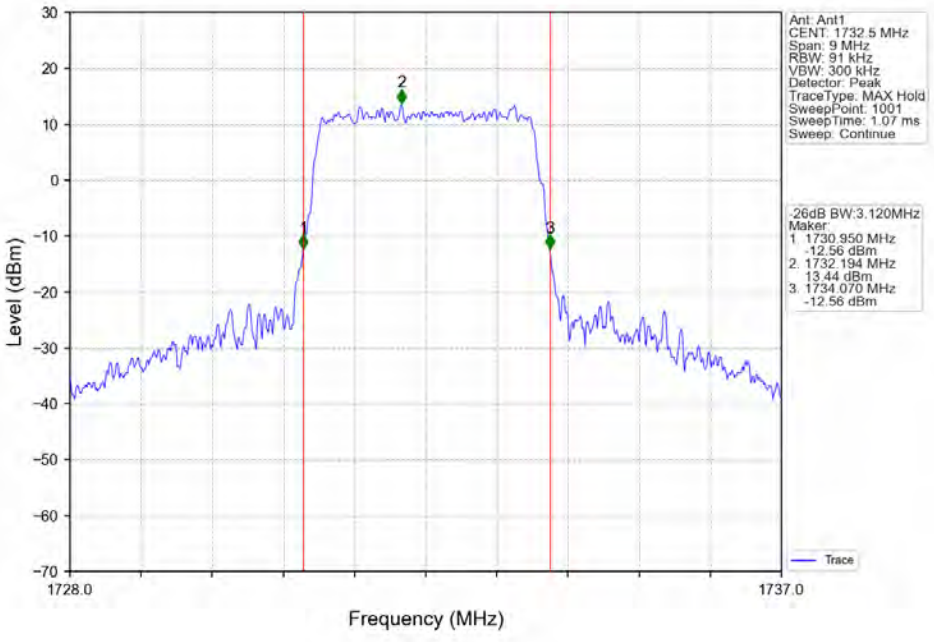
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

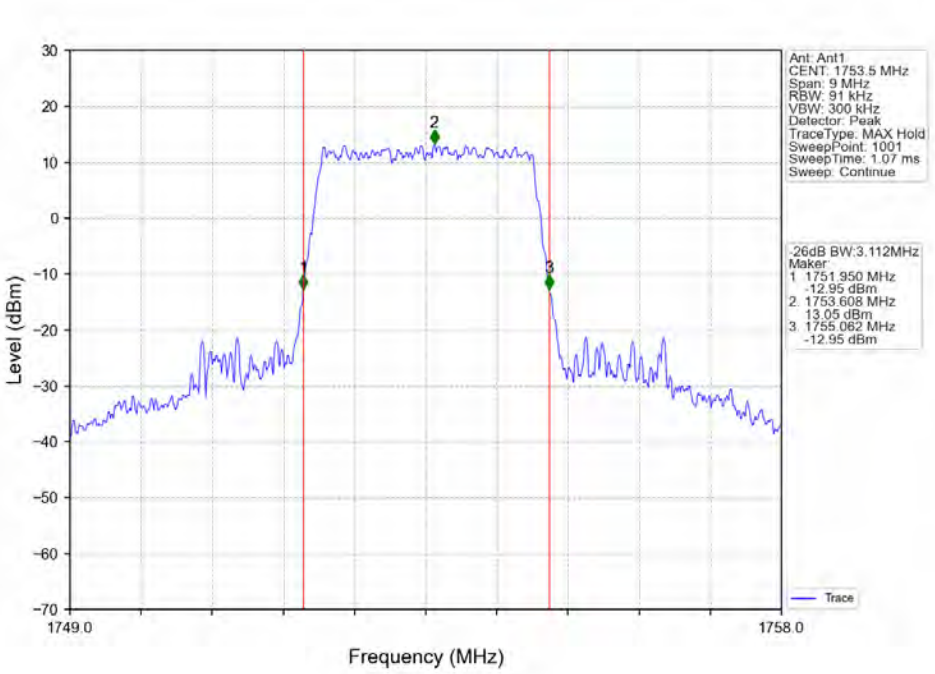


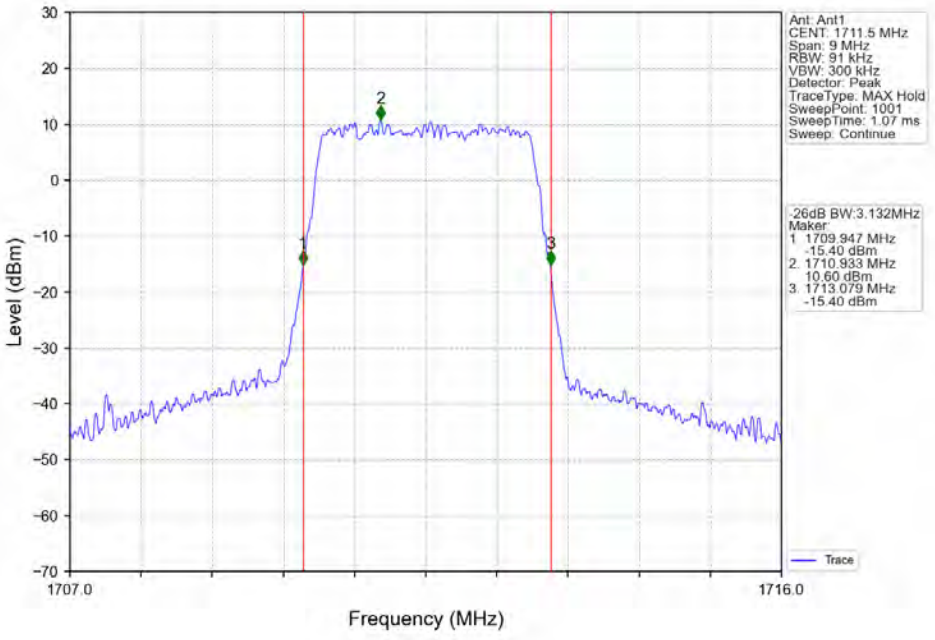
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



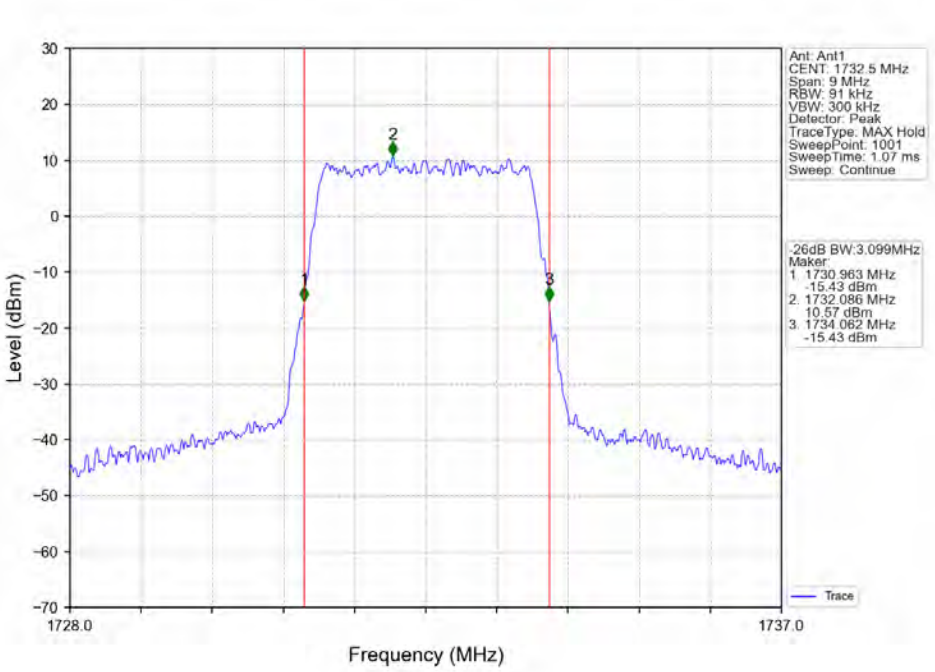
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV



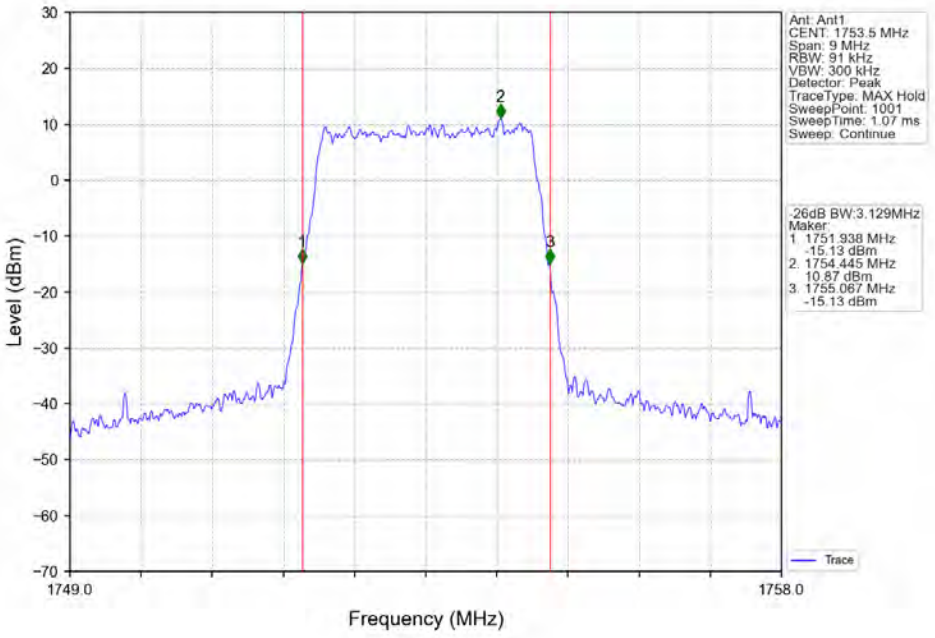
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV


Band4_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV


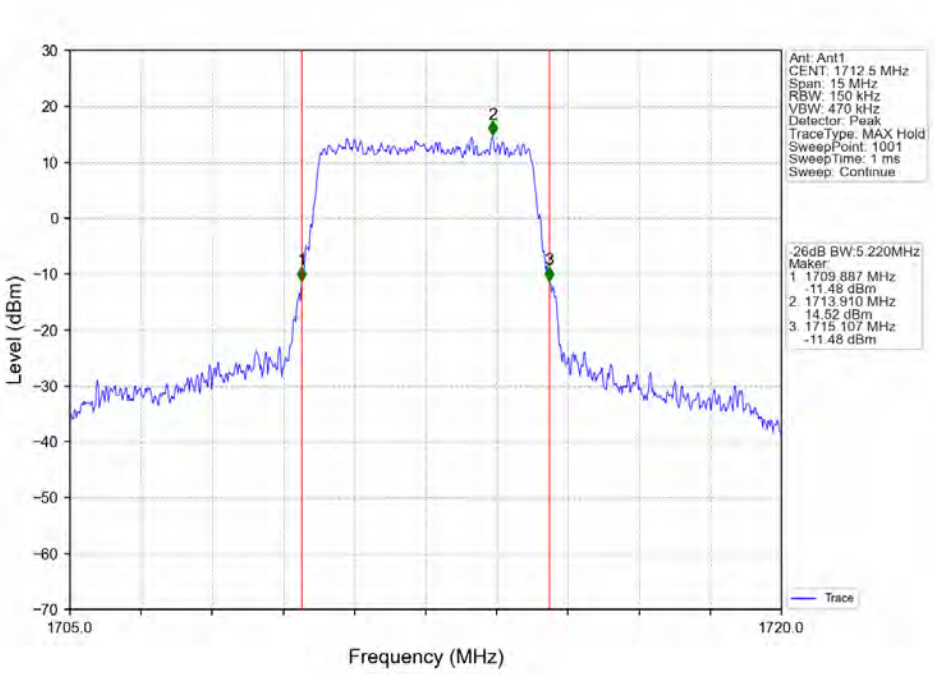
Band4_3MHz_256QAM_MCH_1732.5MHz_RB_15_0_NTNV



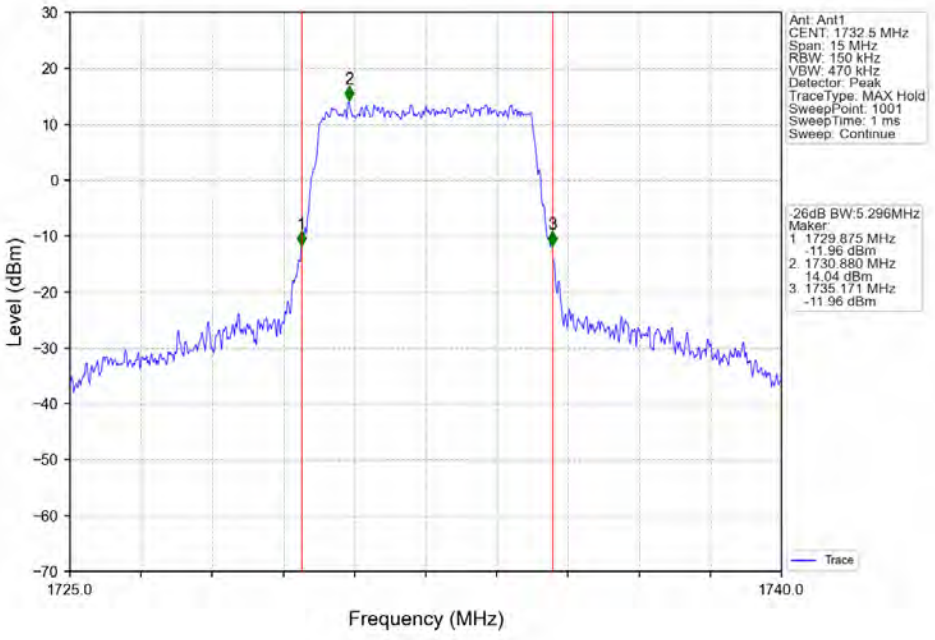
Band4_3MHz_256QAM_HCH_1753.5MHz_RB_15_0_NTNV



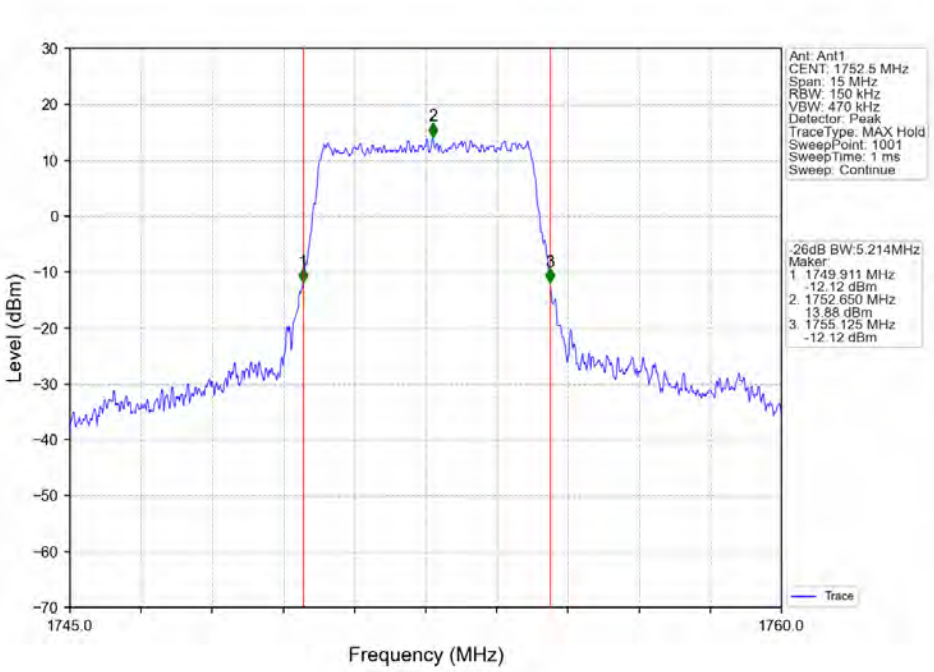
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



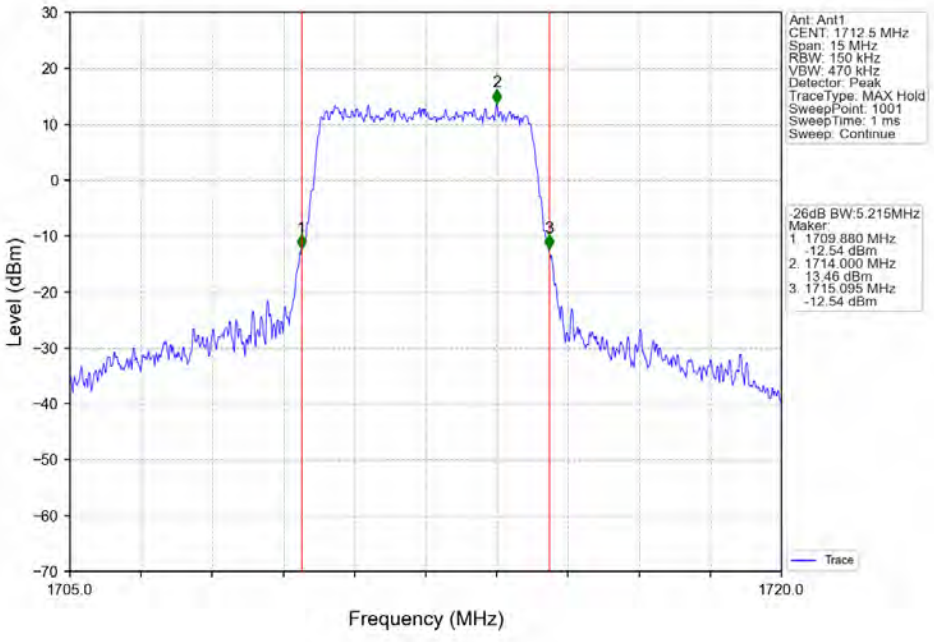
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



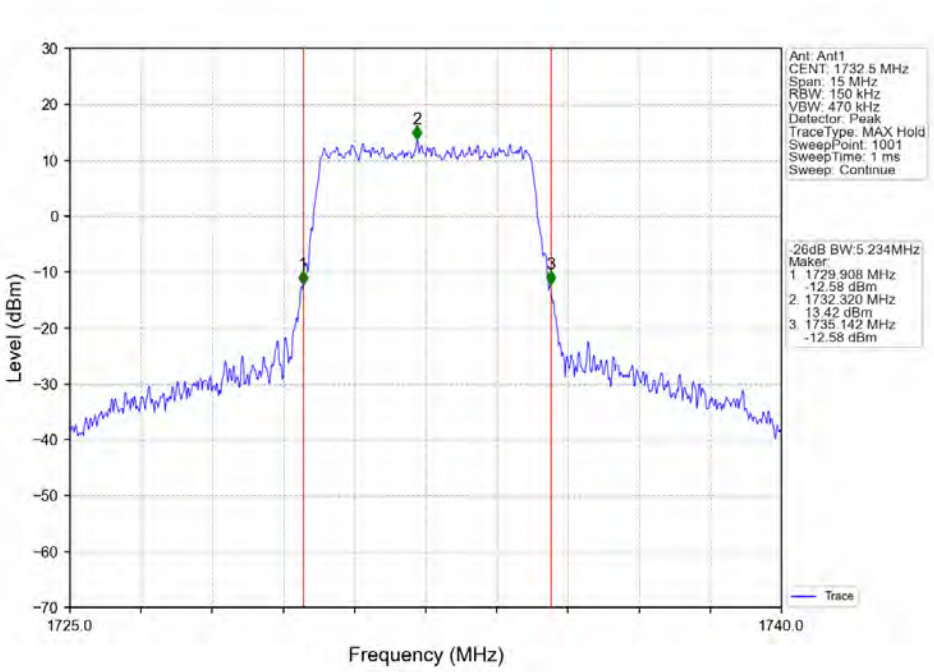
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



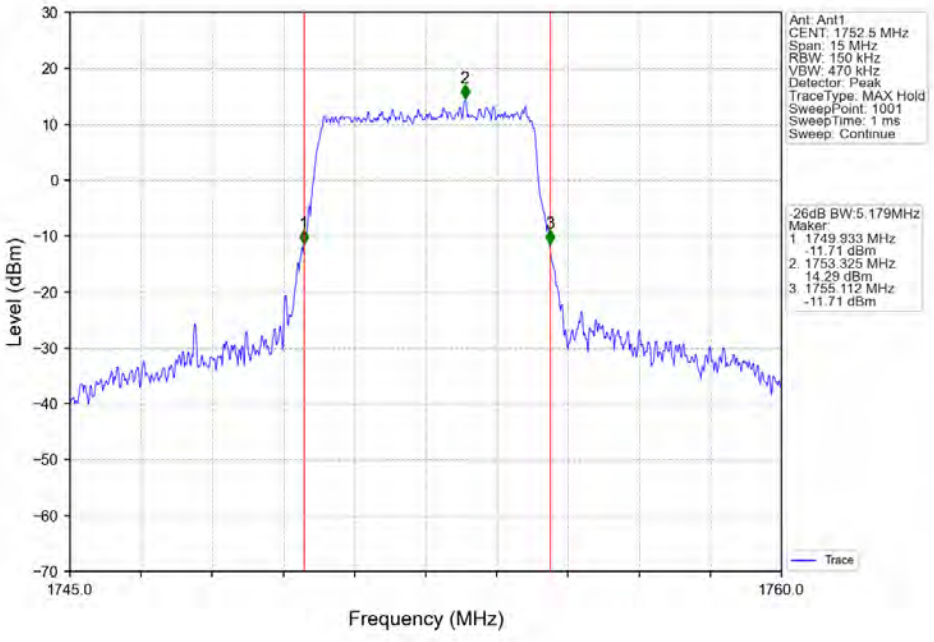
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



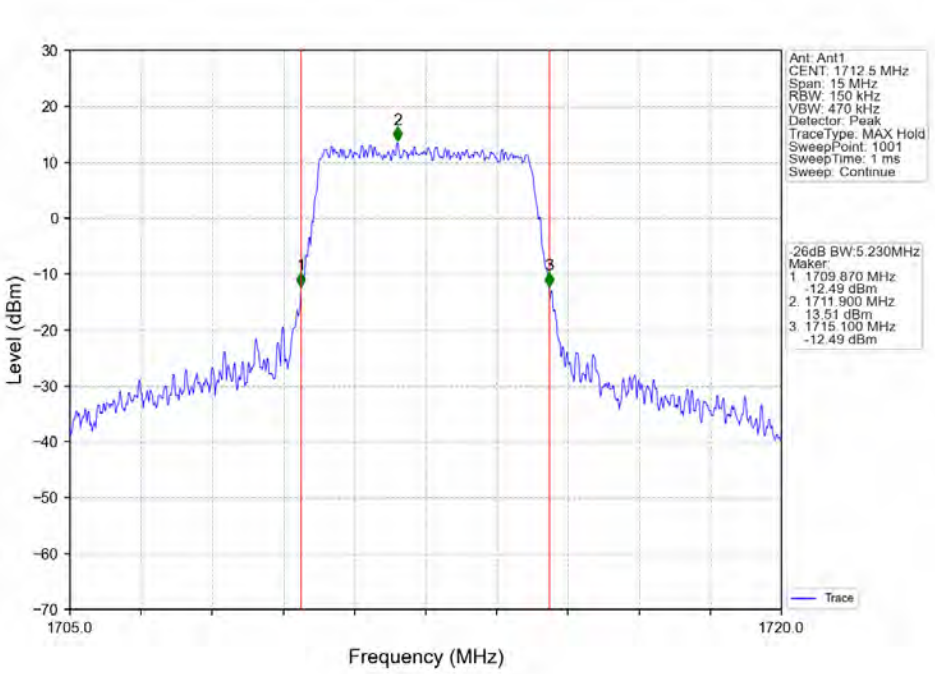
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



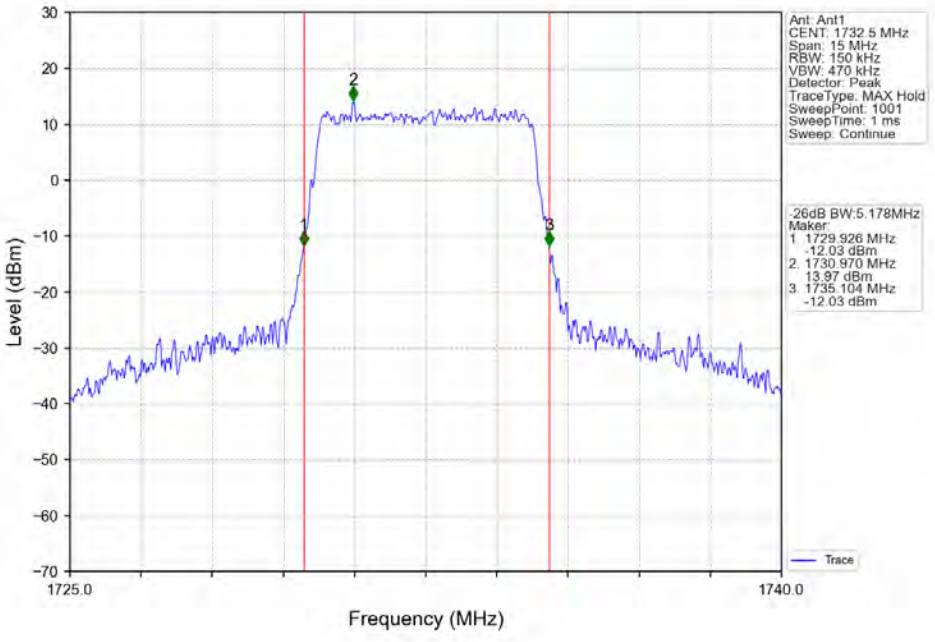
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



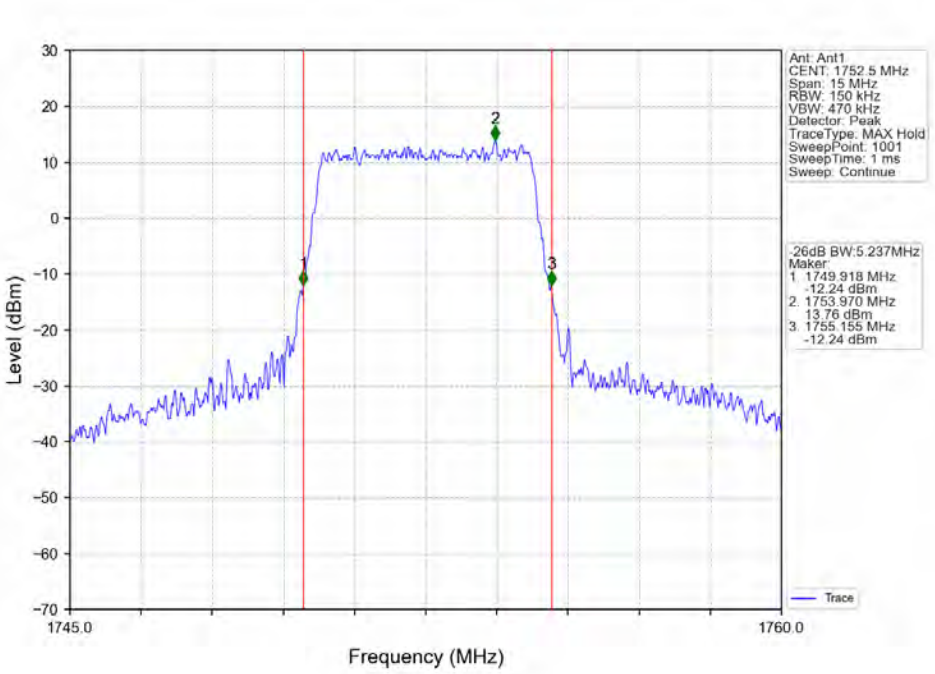
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



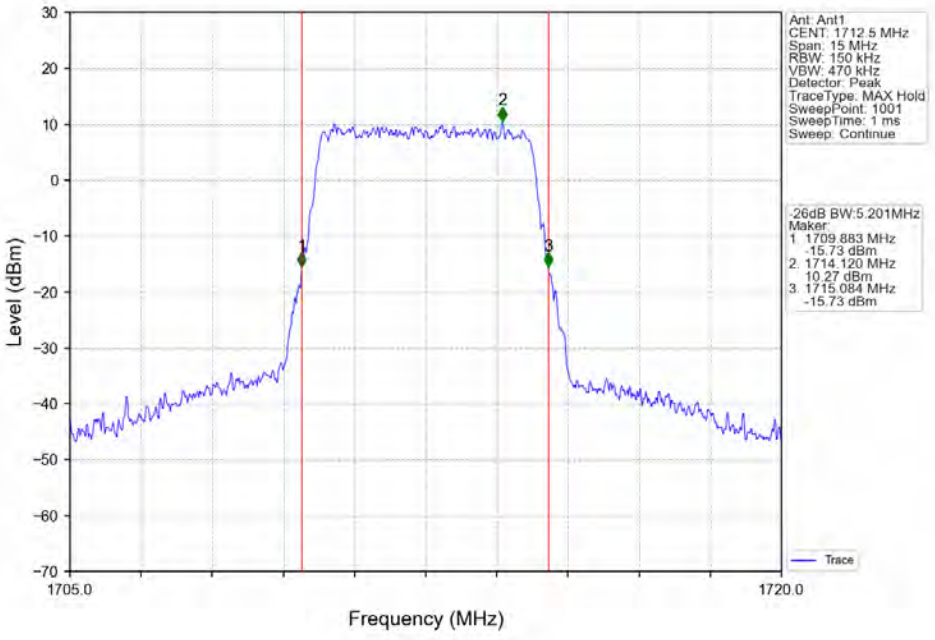
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV



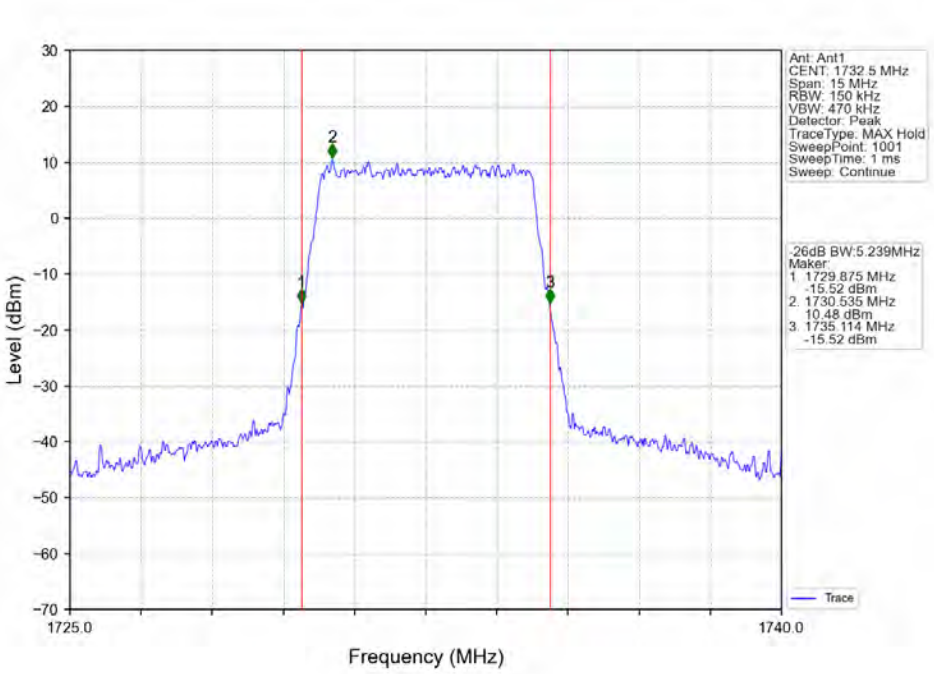
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



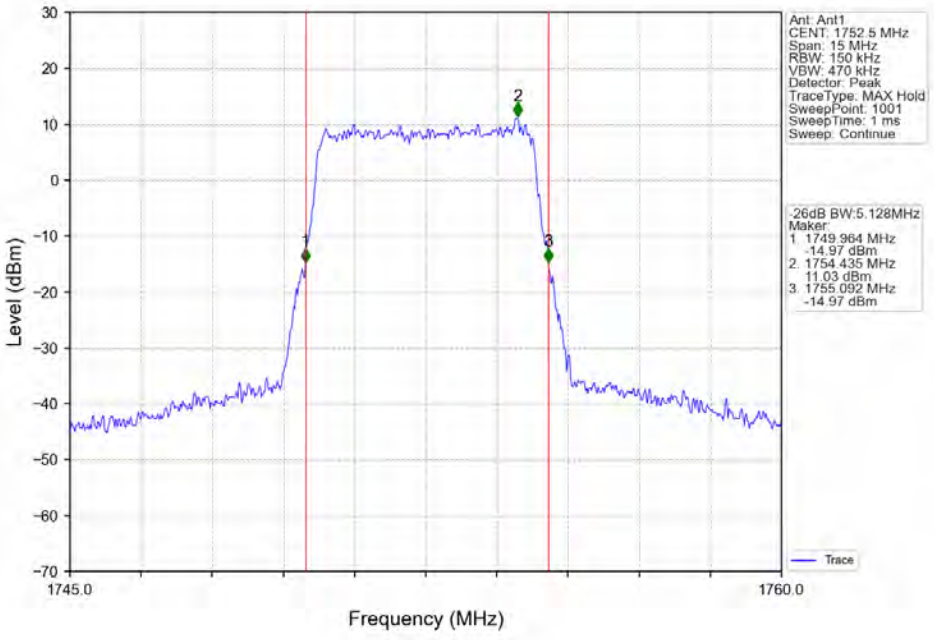
Band4_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV

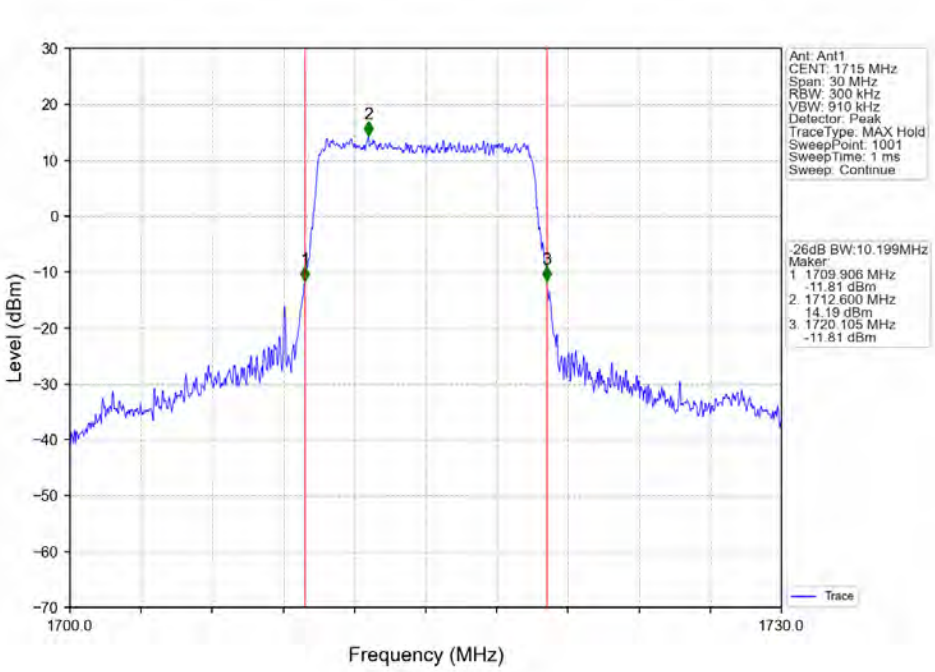


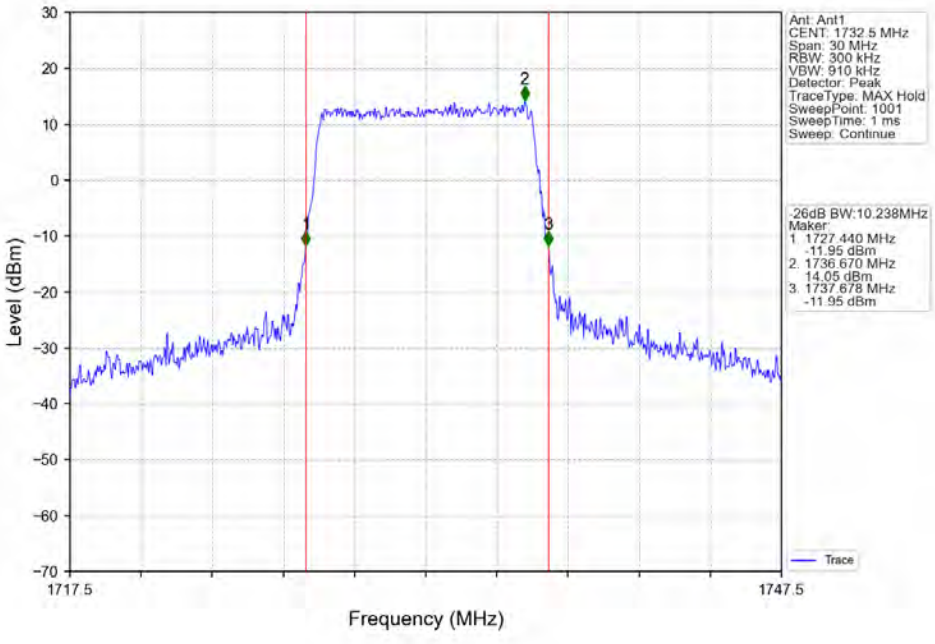
Band4_5MHz_256QAM_MCH_1732.5MHz_RB_25_0_NTNV



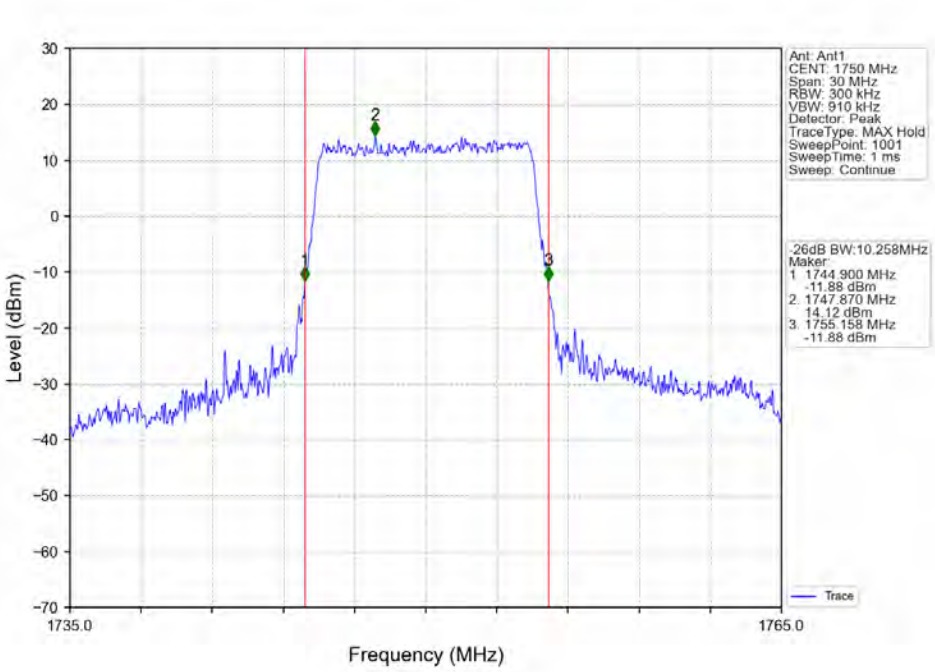
Band4_5MHz_256QAM_HCH_1752.5MHz_RB_25_0_NTNV



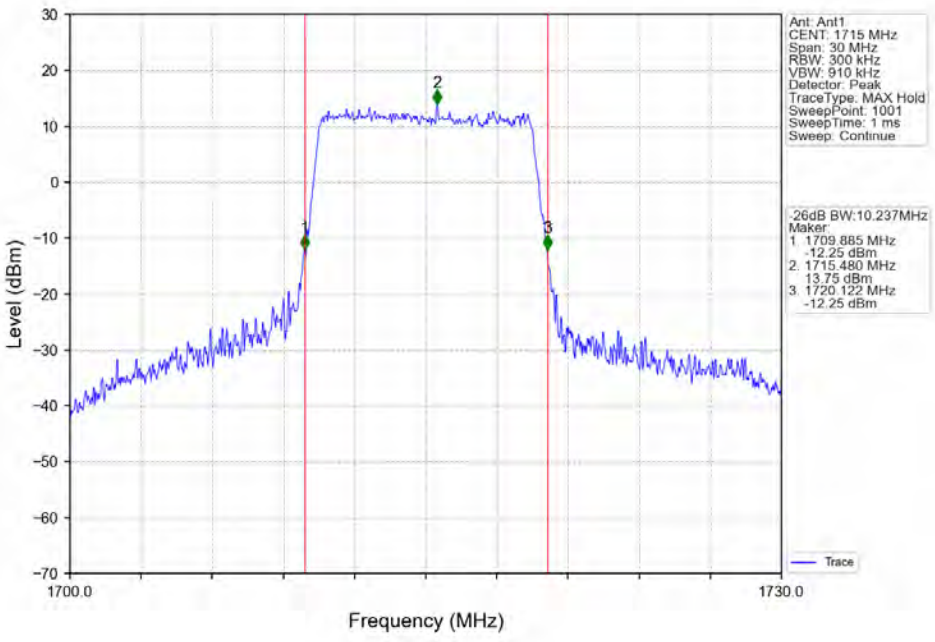
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV


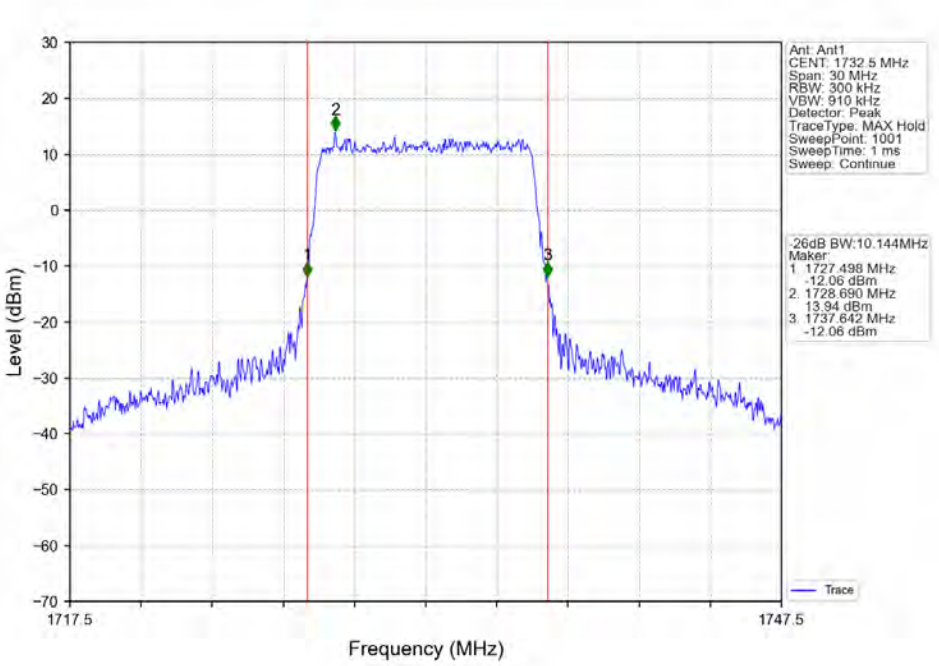
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



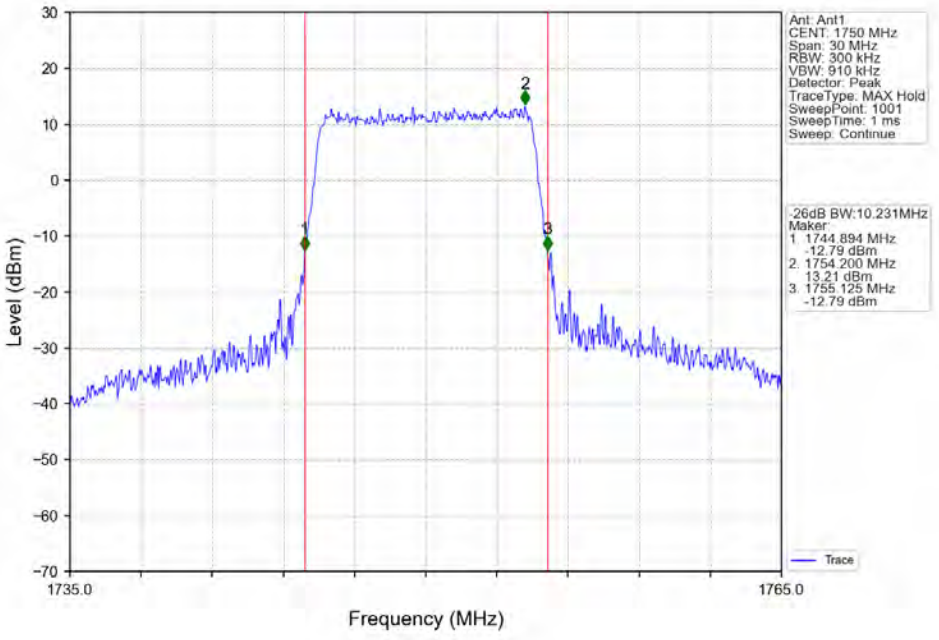
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

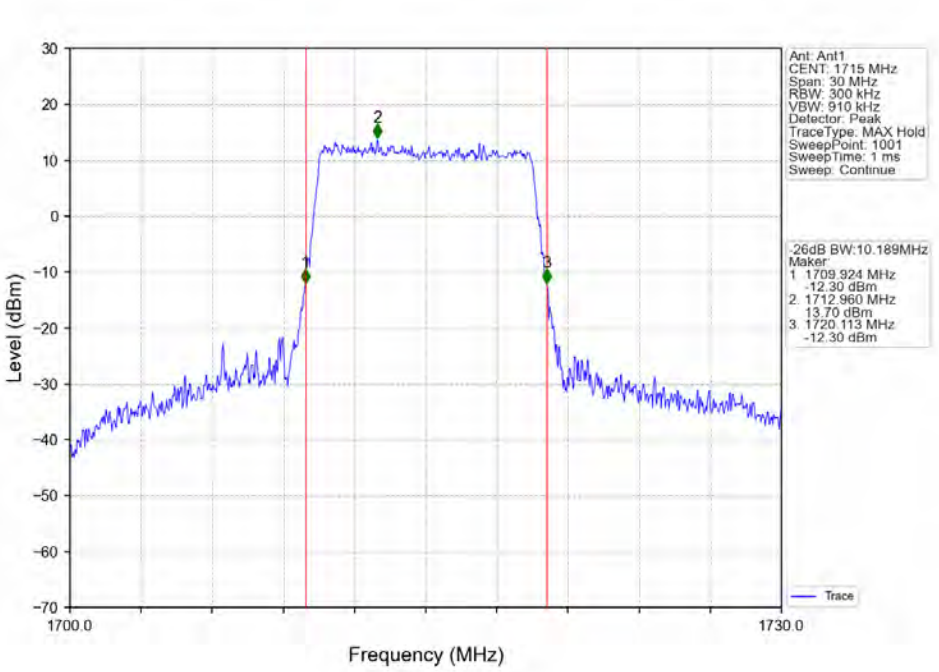


Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV


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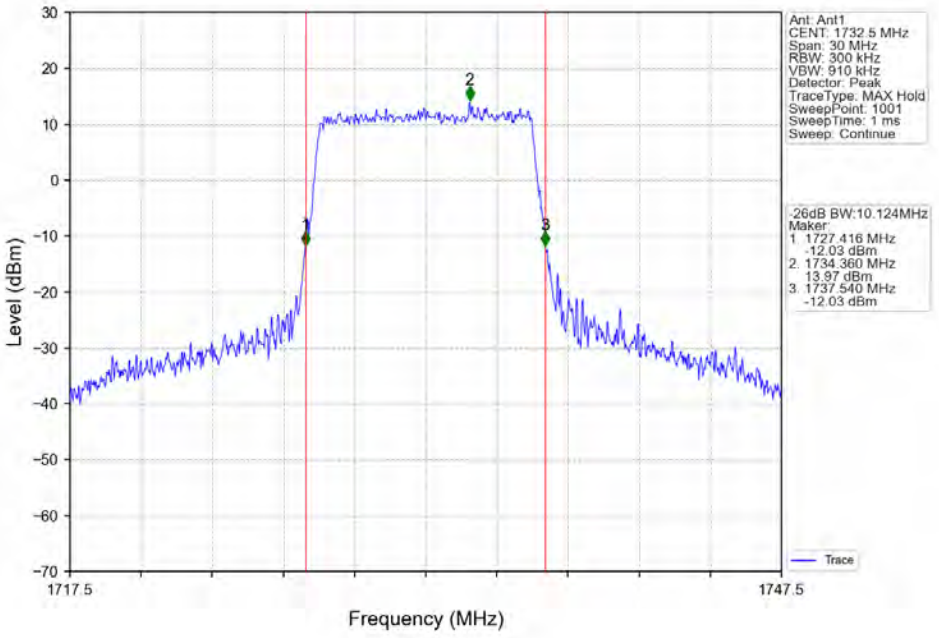
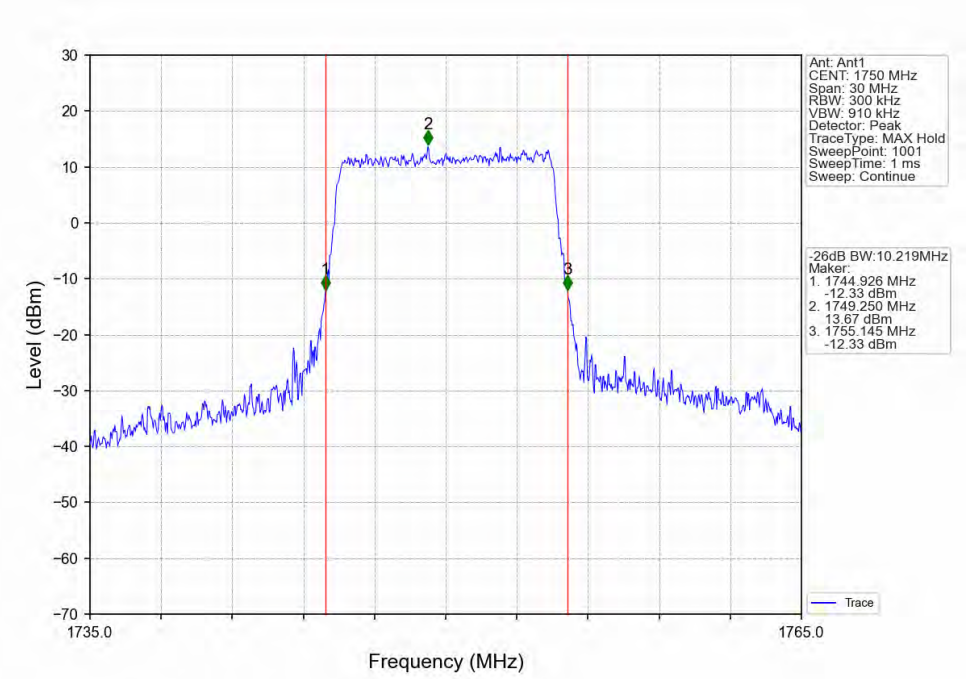
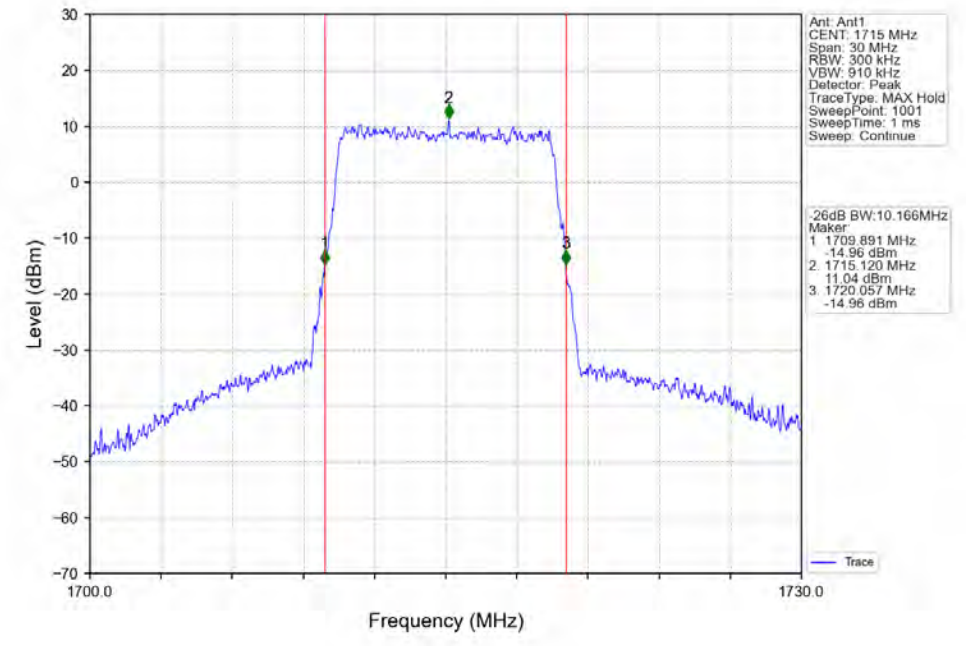


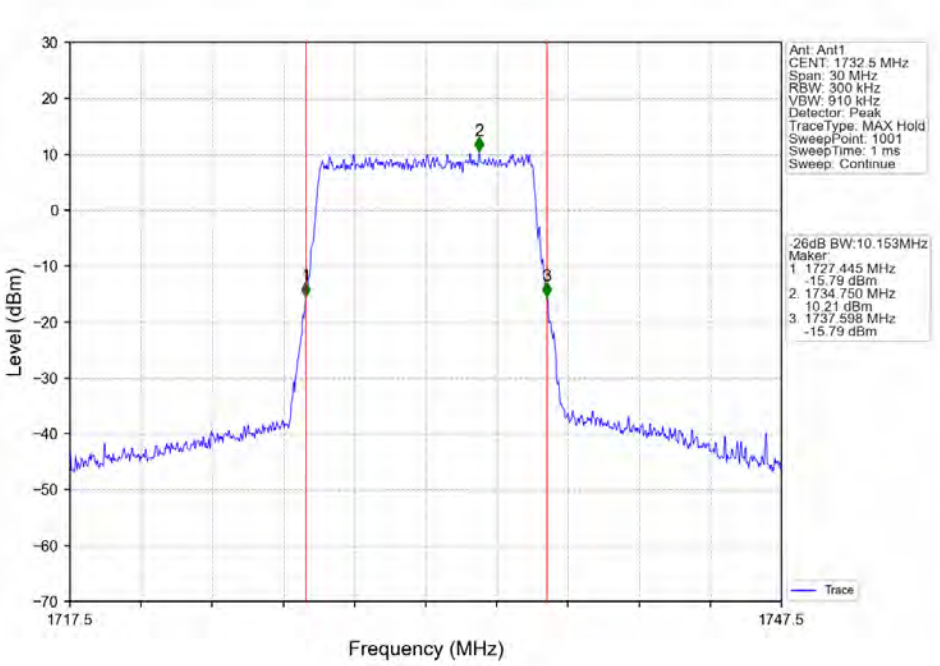
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



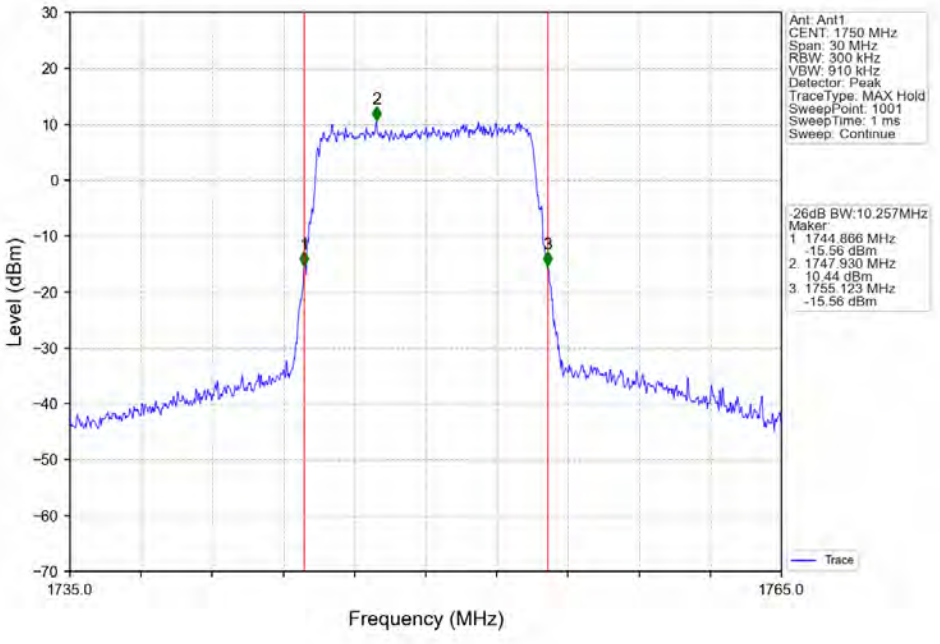
Band4_10MHz_256QAM_LCH_1715MHz_RB_50_0_NTNV



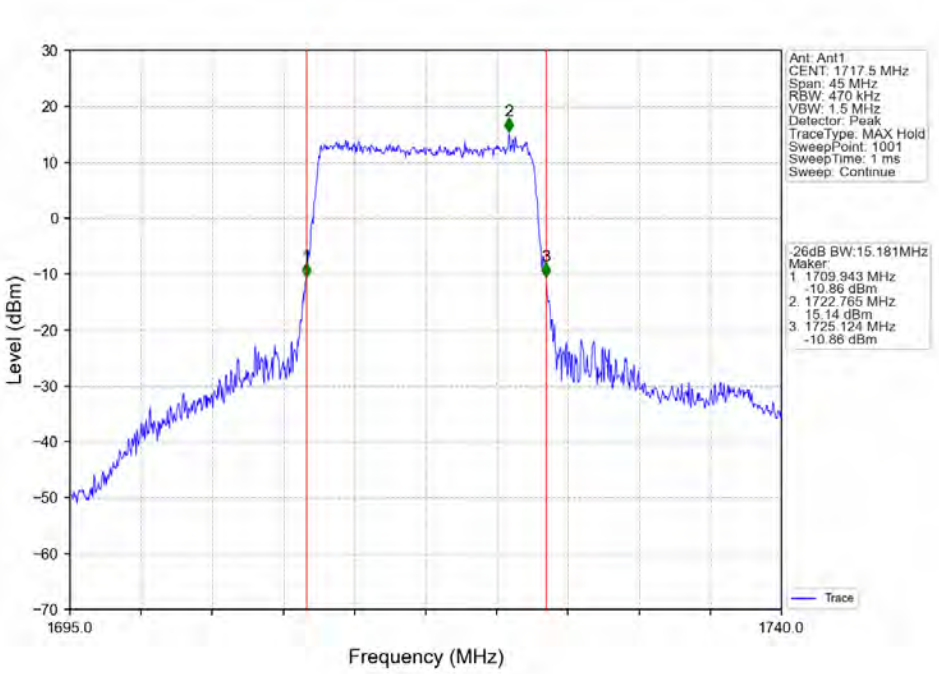
Band4_10MHz_256QAM_MCH_1732.5MHz_RB_50_0_NTNV



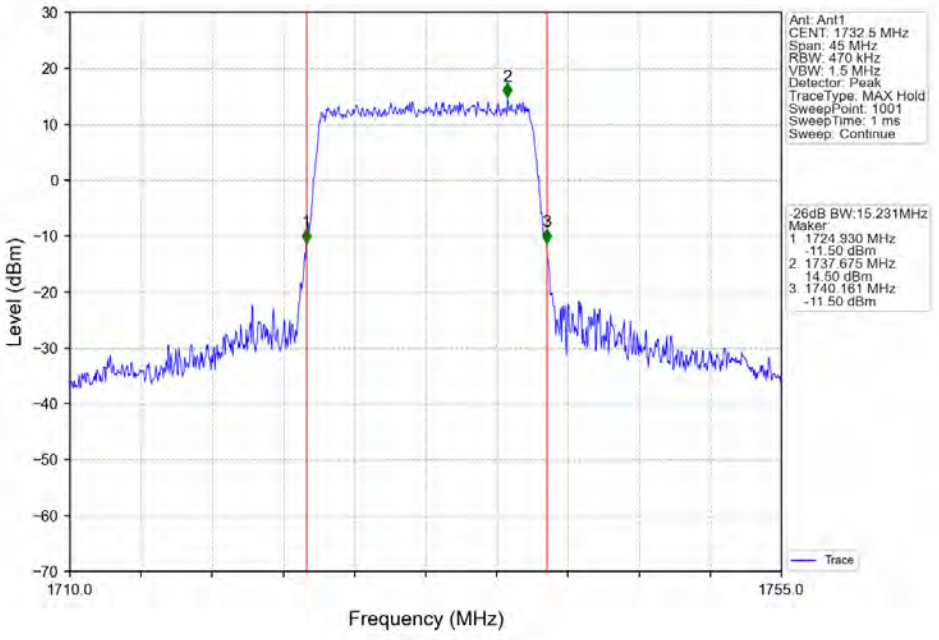
Band4_10MHz_256QAM_HCH_1750MHz_RB_50_0_NTNV



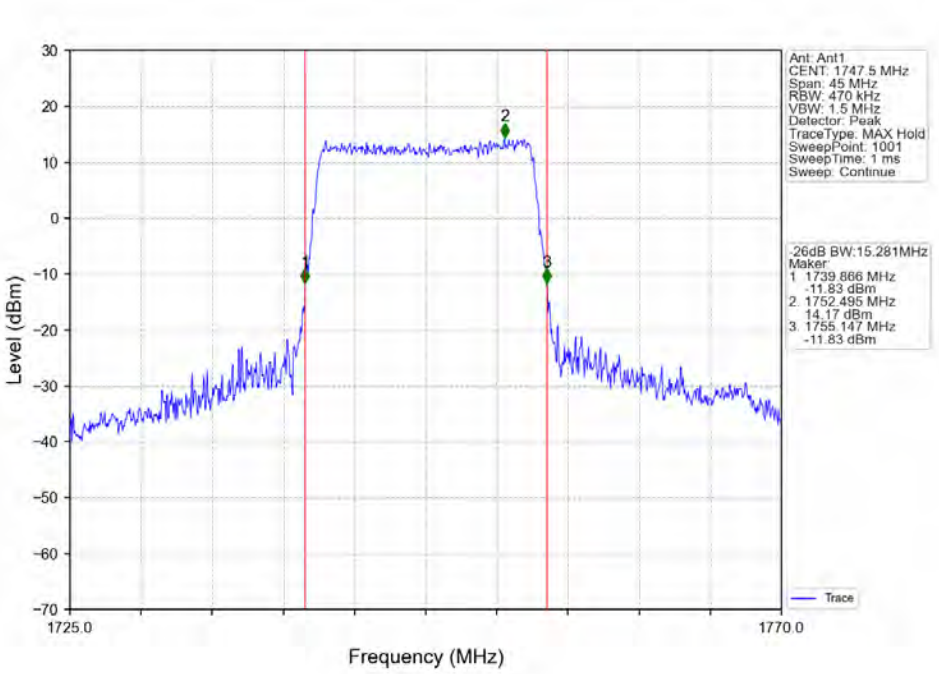
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



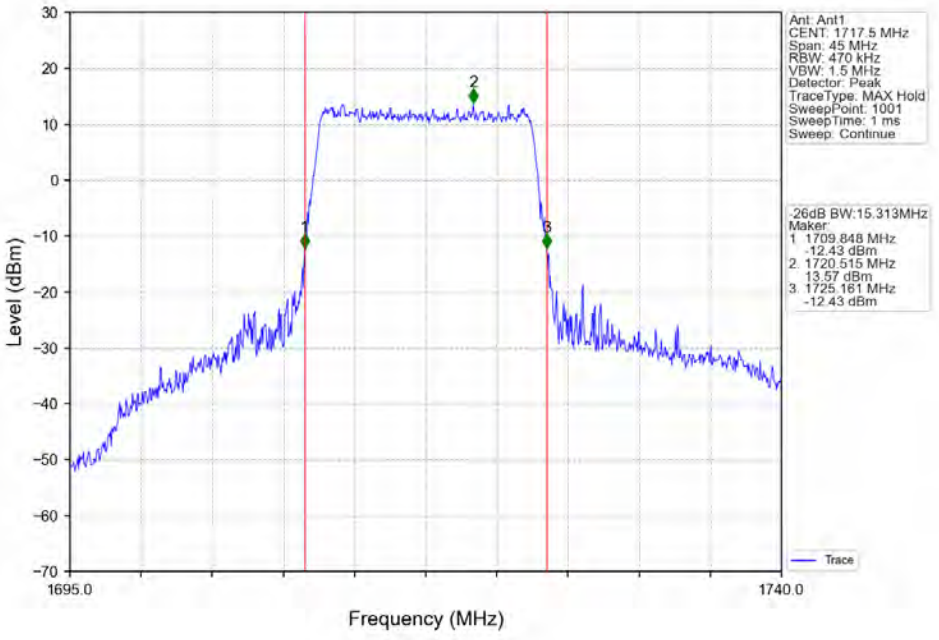
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



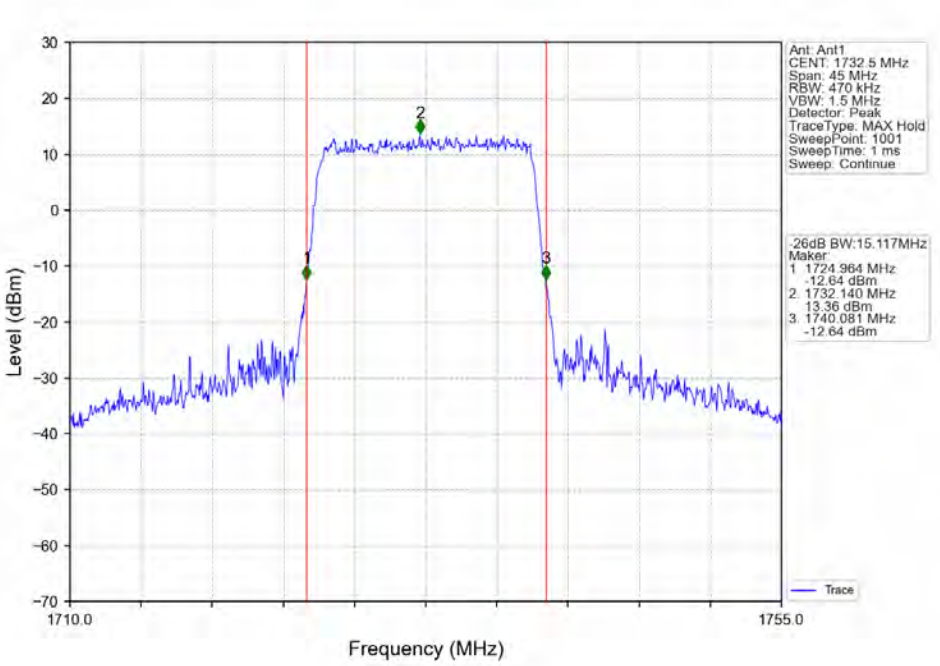
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



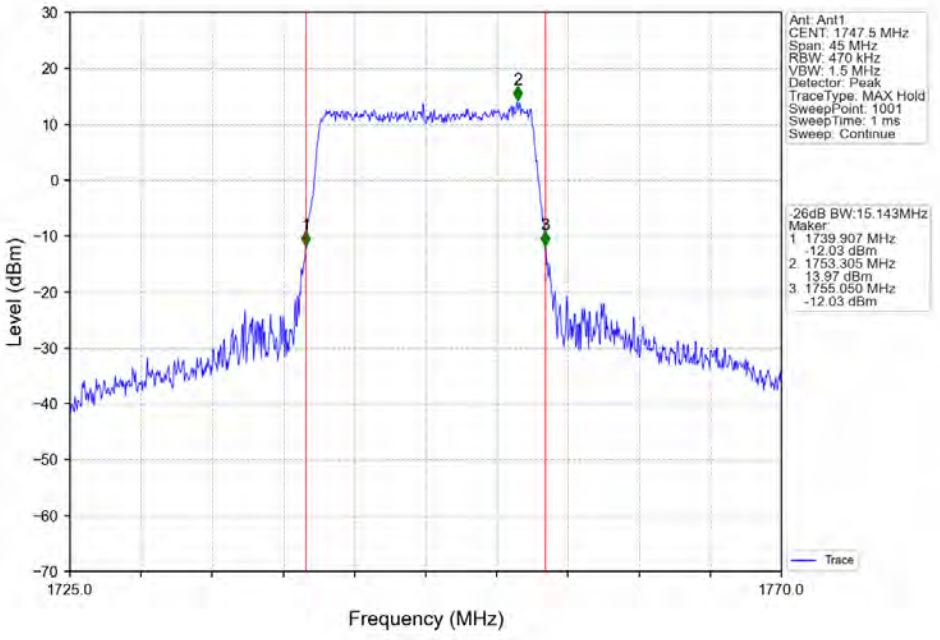
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



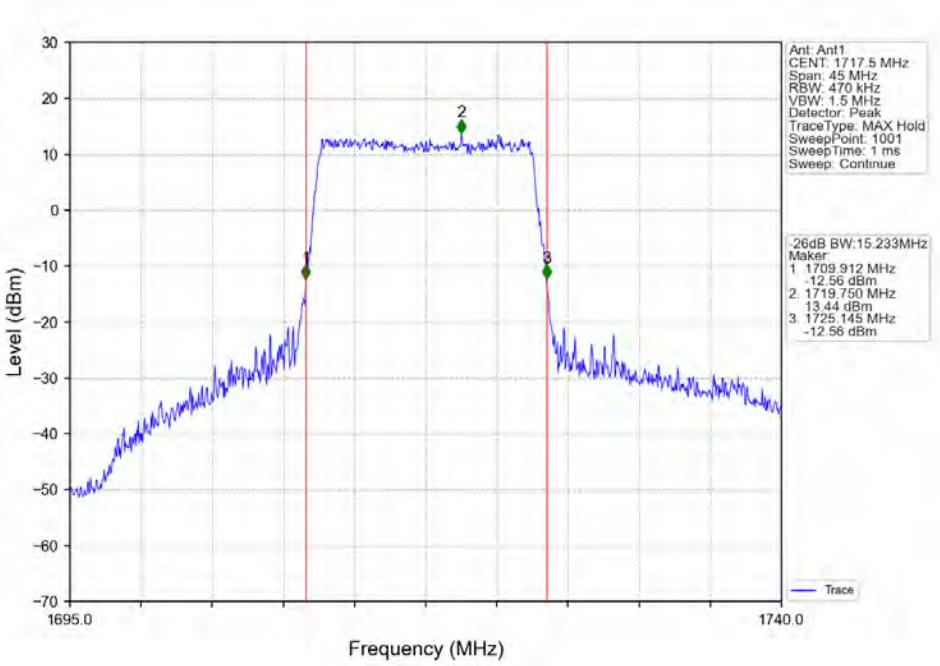
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



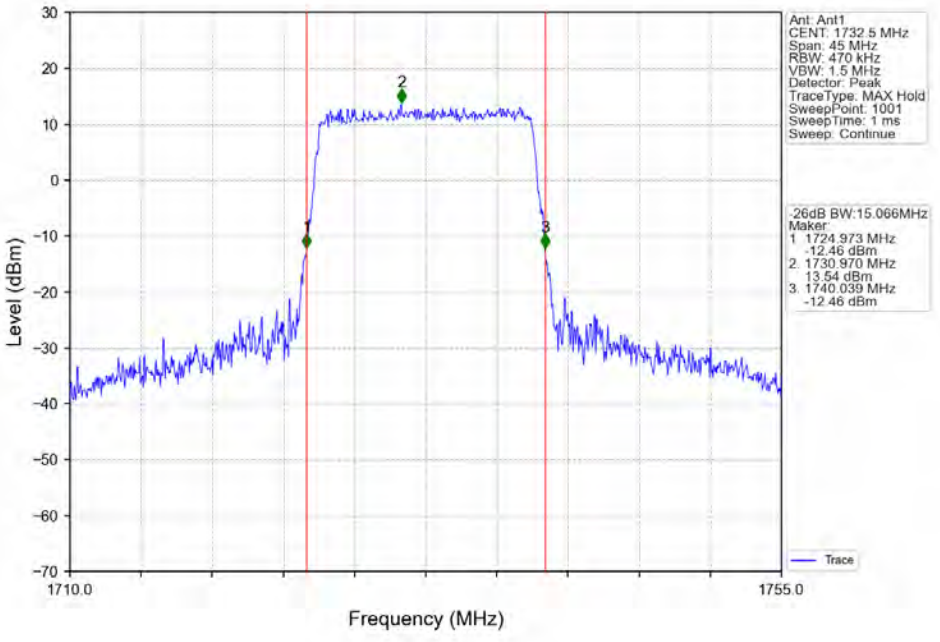
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



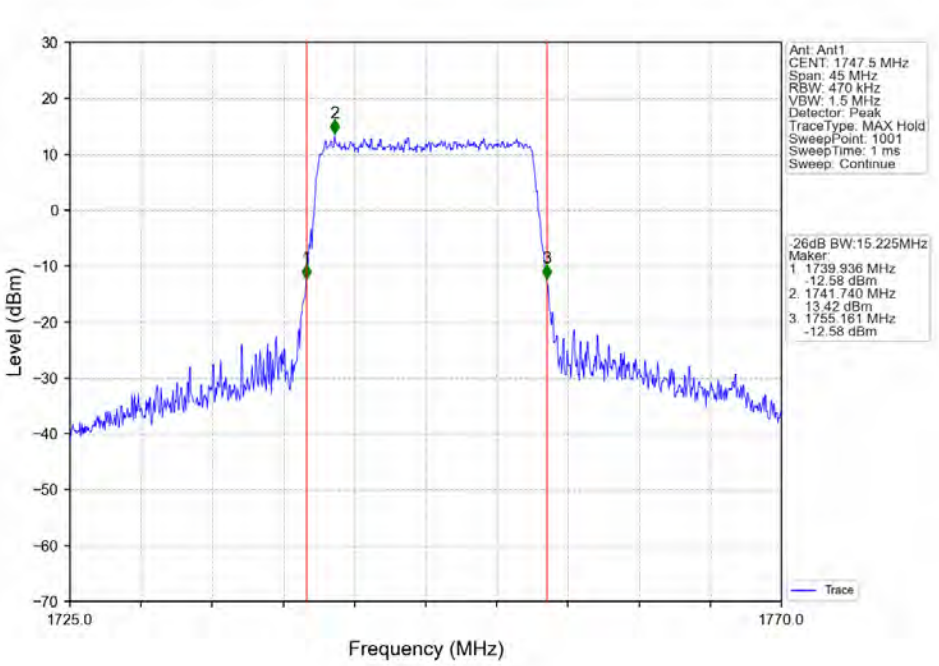
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



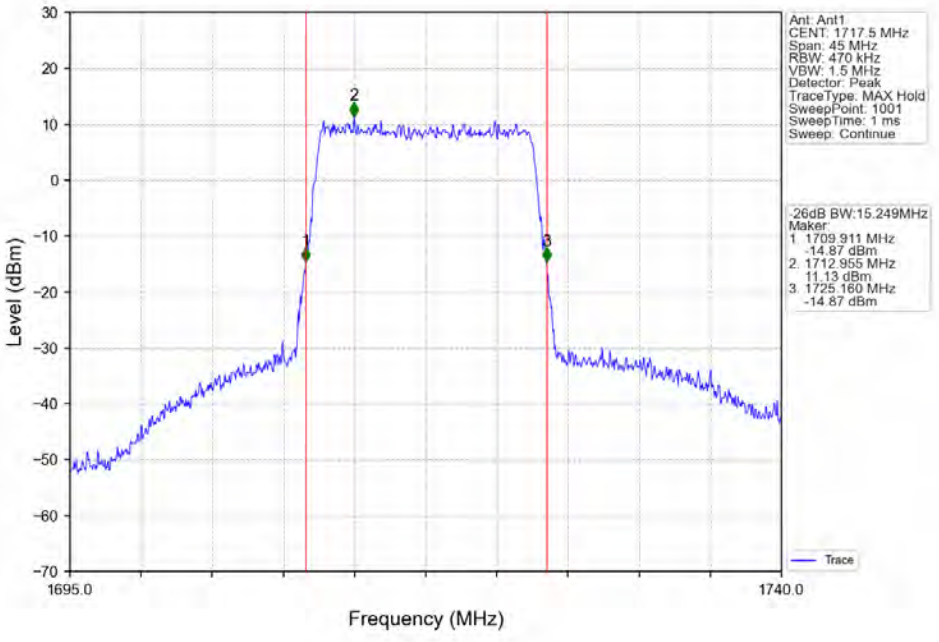
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



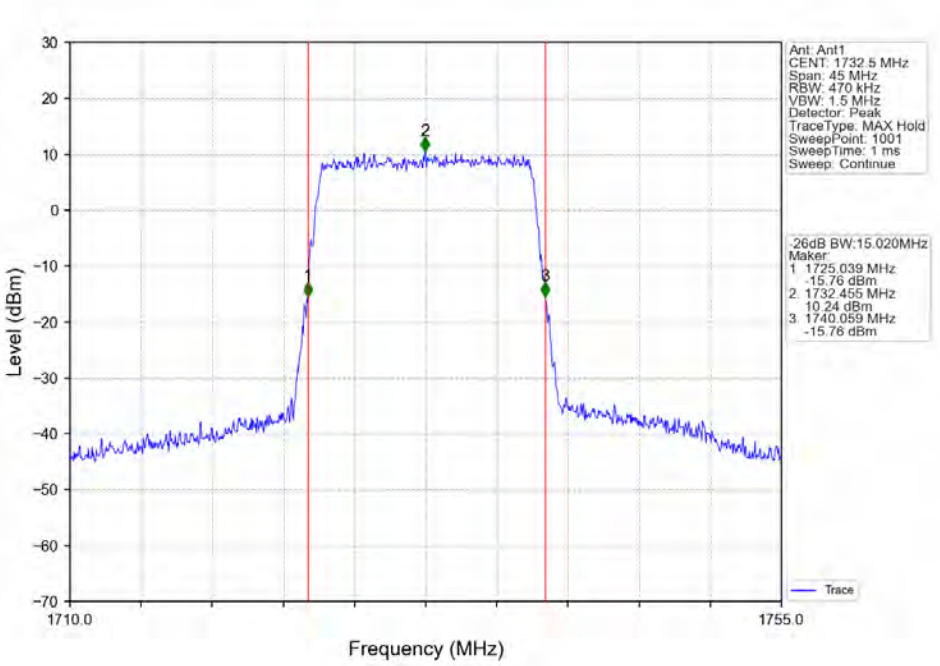
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



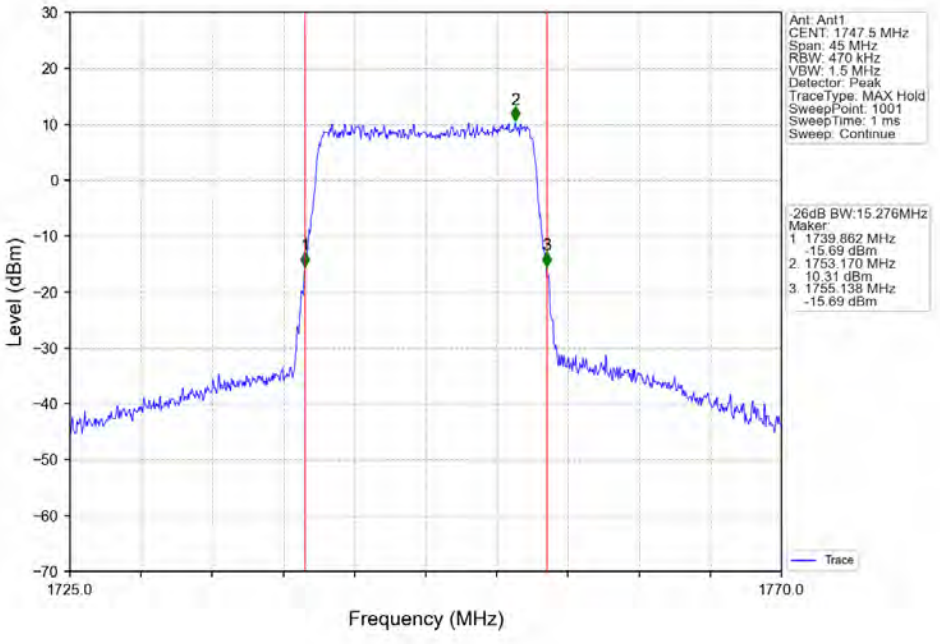
Band4_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV



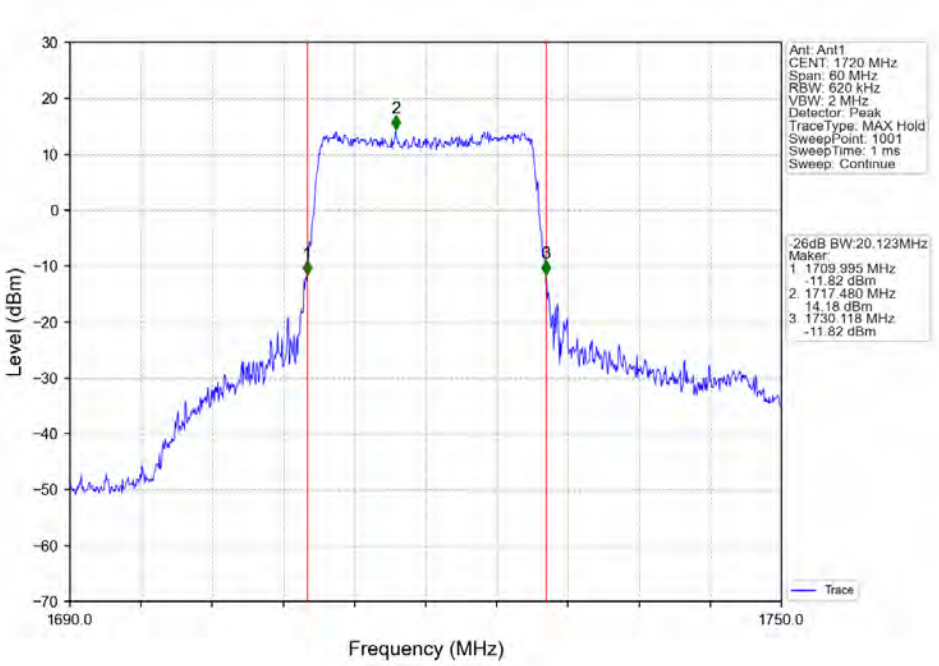
Band4_15MHz_256QAM_MCH_1732.5MHz_RB_75_0_NTNV



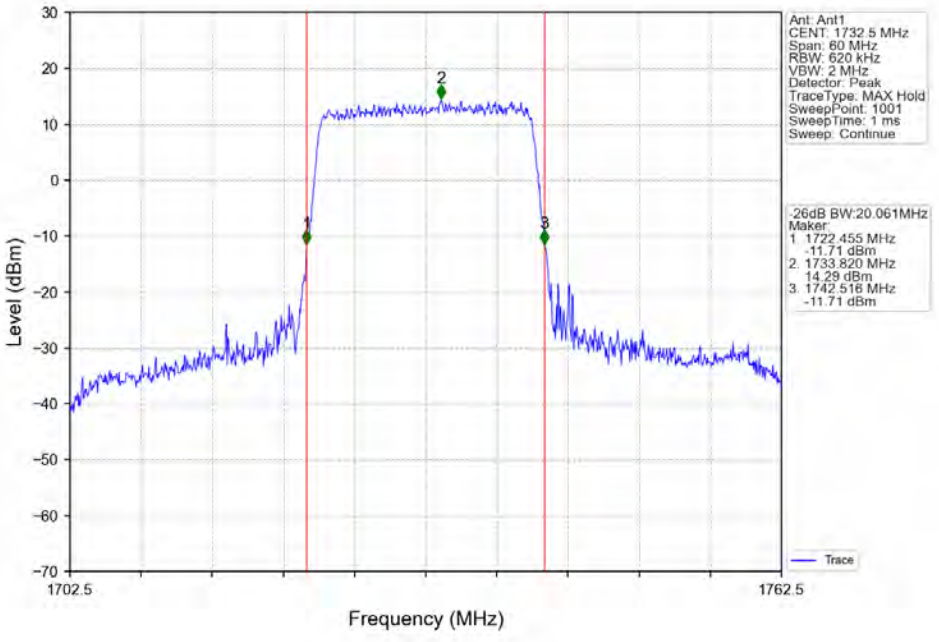
Band4_15MHz_256QAM_HCH_1747.5MHz_RB_75_0_NTNV



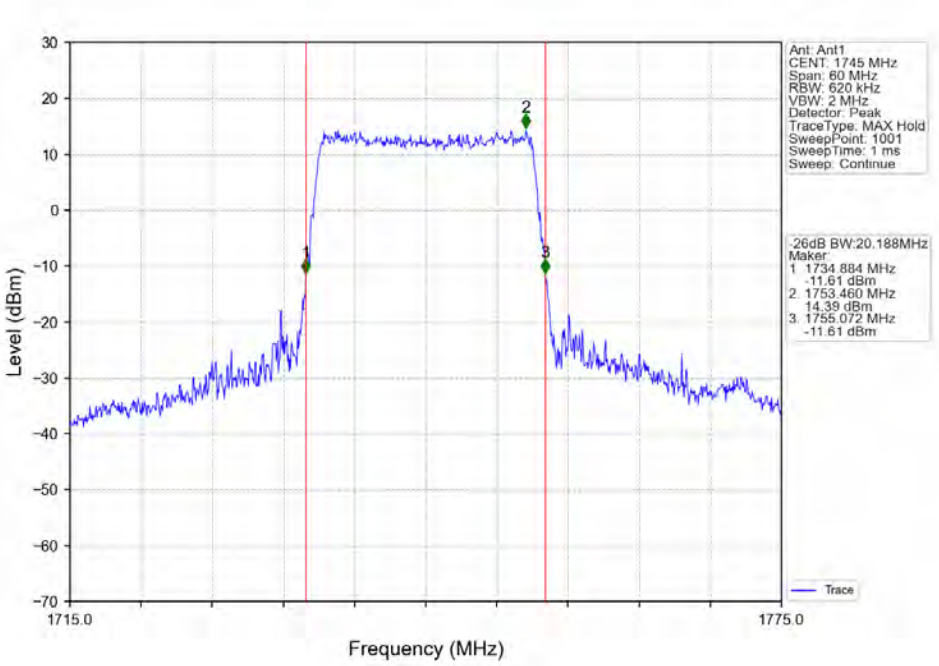
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



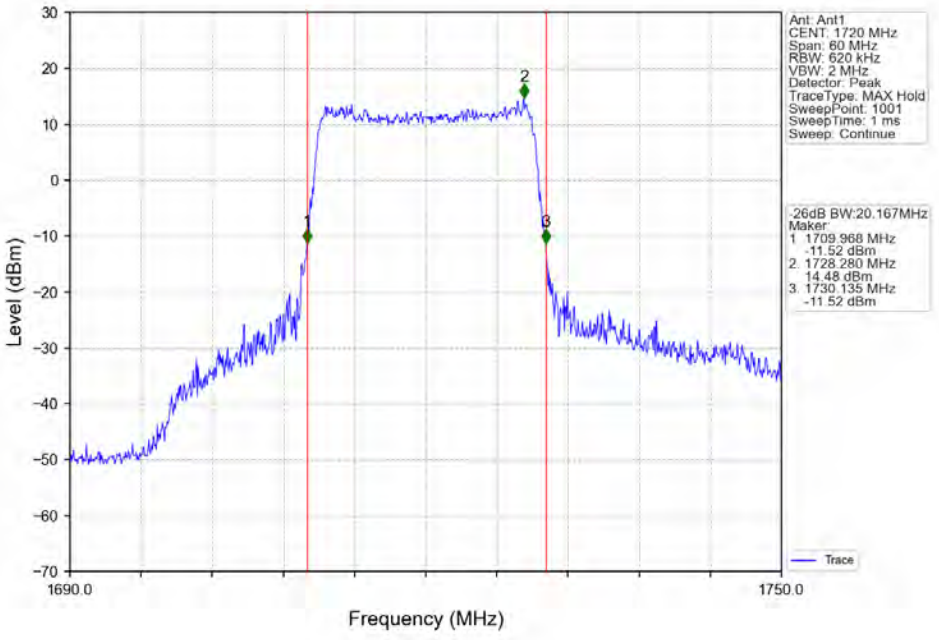
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



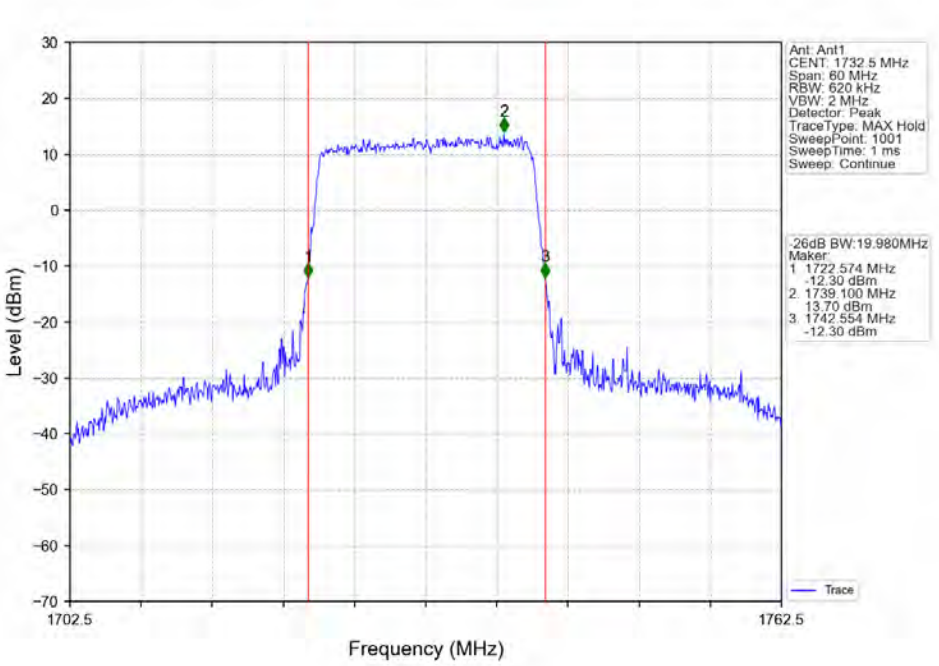
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



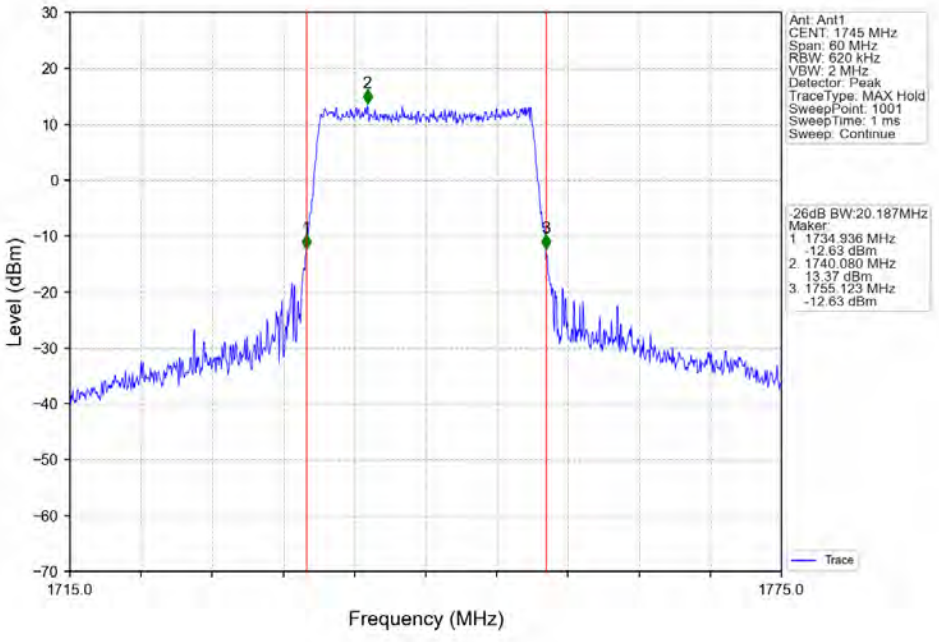
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



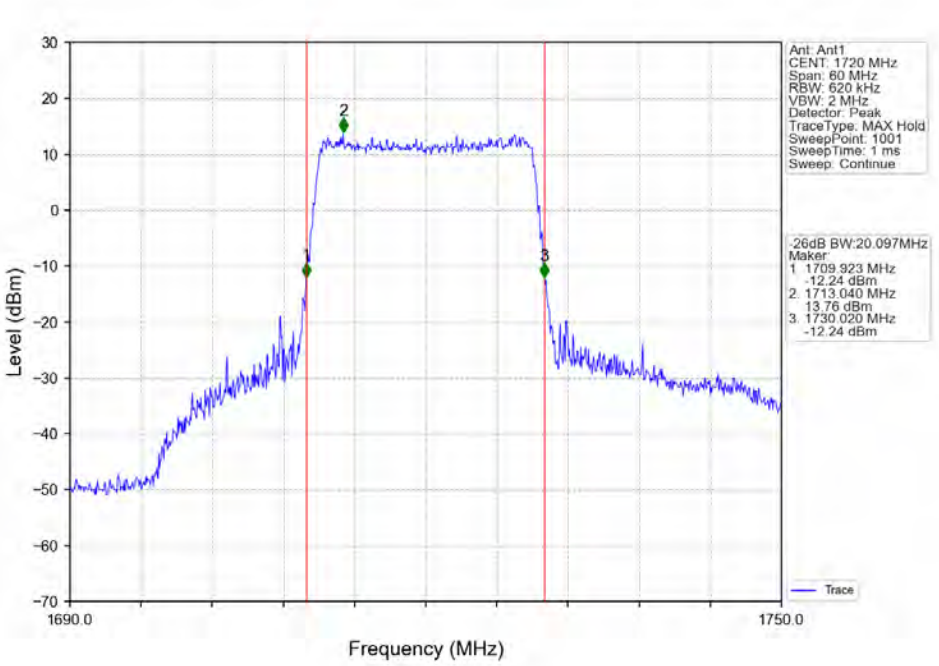
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



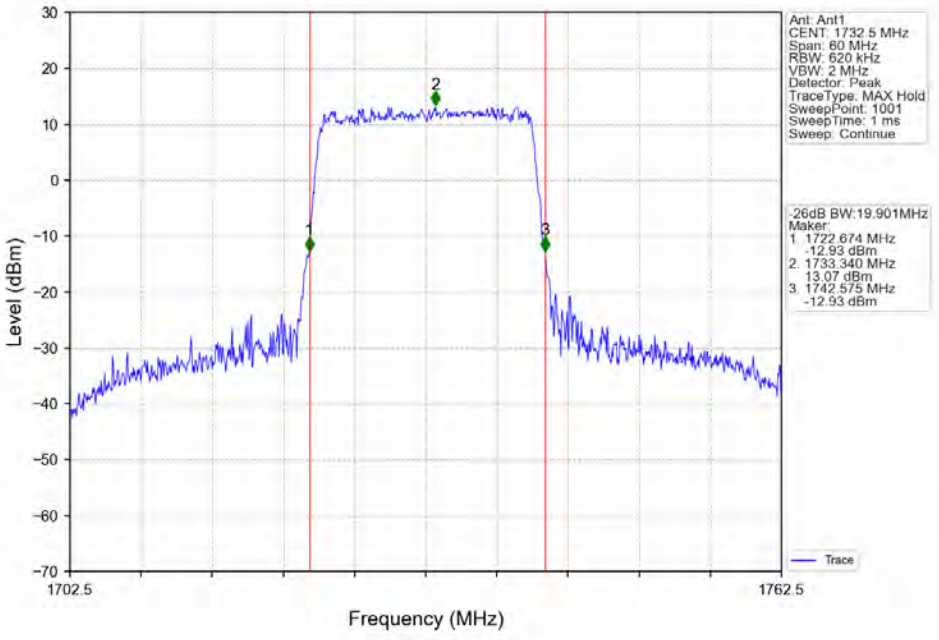
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



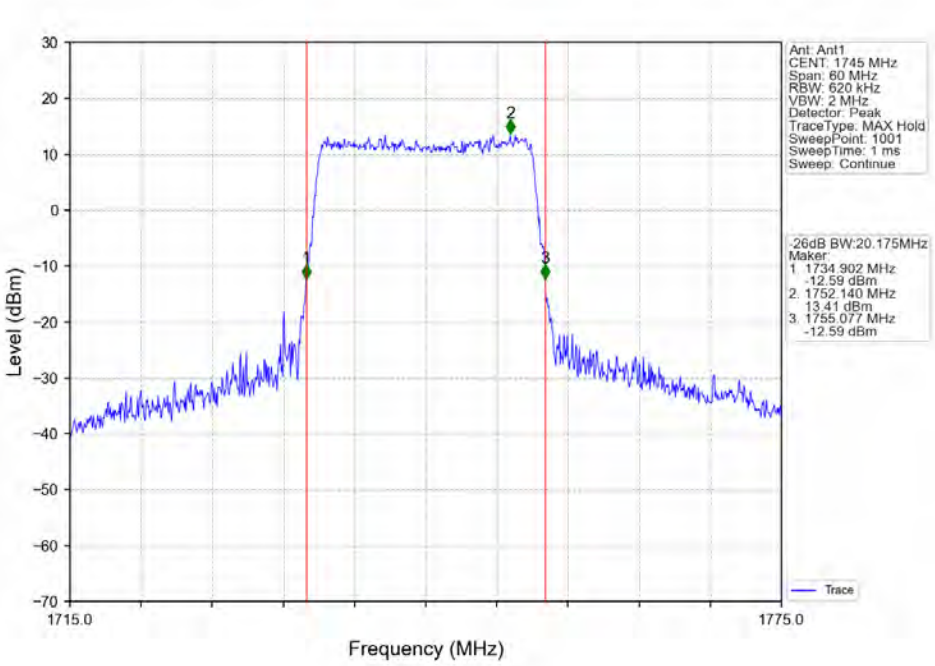
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



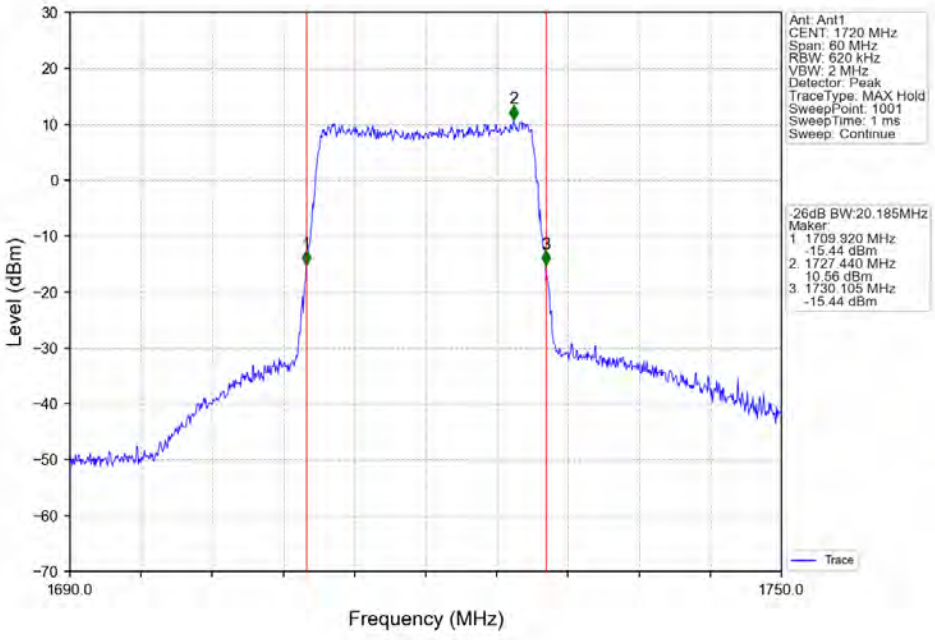
Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



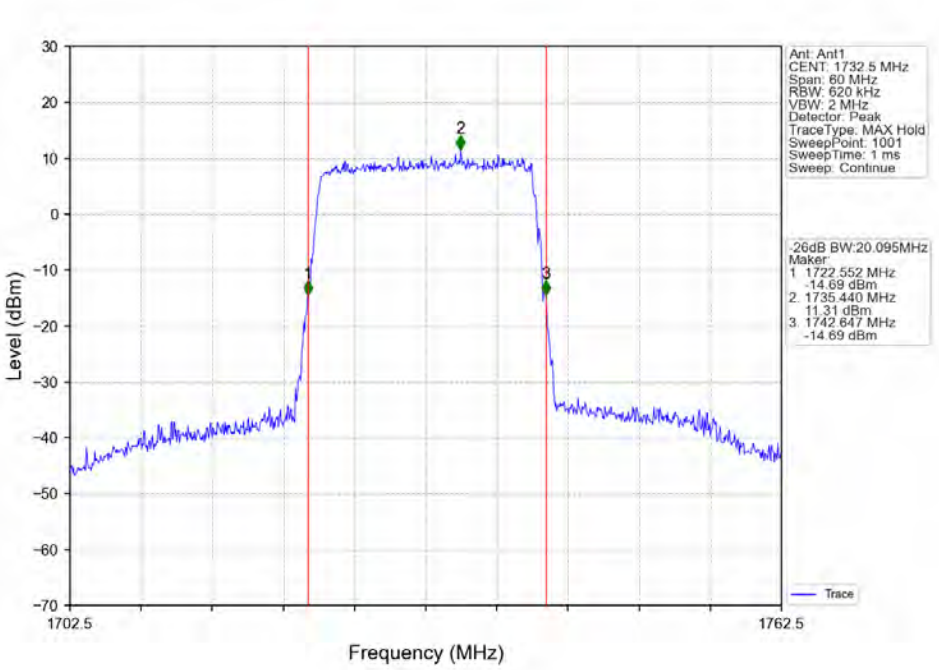
Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



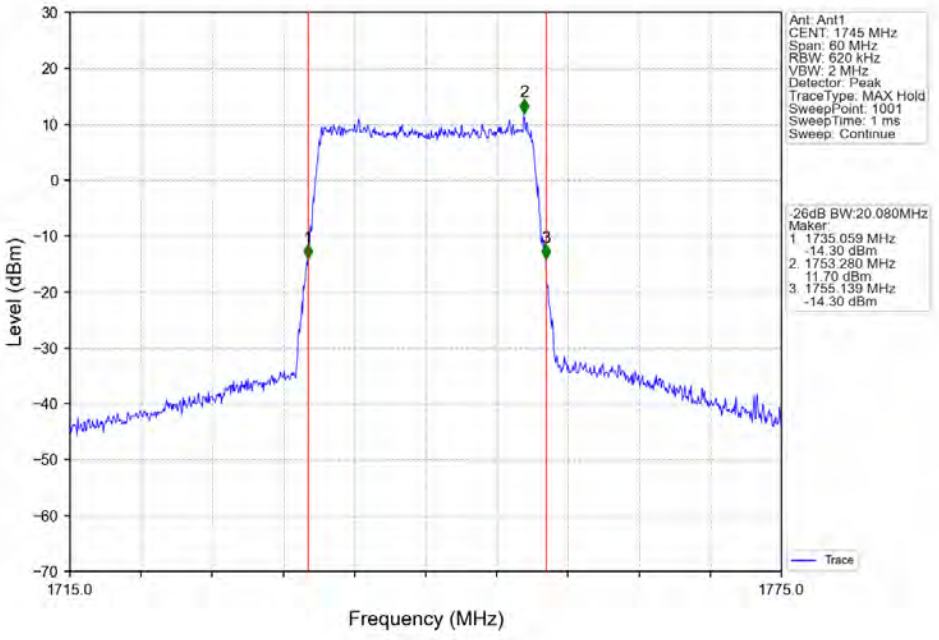
Band4_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_256QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_256QAM_HCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

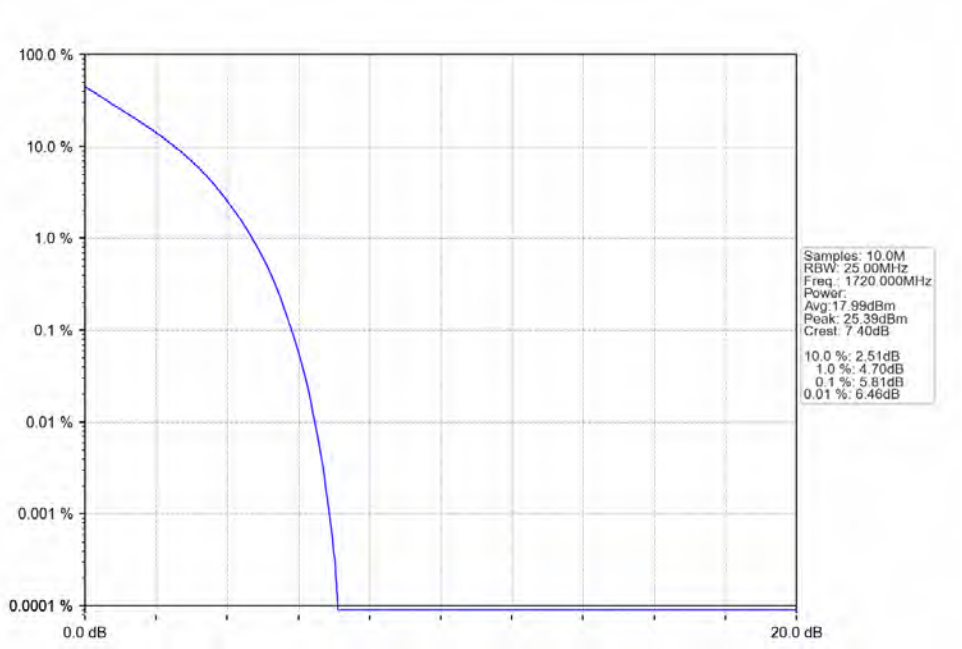
4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.81	<=13	Pass
	1732.5	100	0	5.55	<=13	Pass
	1745	100	0	5.76	<=13	Pass
16QAM	1720	100	0	6.50	<=13	Pass
	1732.5	100	0	6.29	<=13	Pass
	1745	100	0	6.49	<=13	Pass
64QAM	1720	100	0	6.48	<=13	Pass
	1732.5	100	0	6.28	<=13	Pass
	1745	100	0	6.48	<=13	Pass
256QAM	1720	100	0	6.95	<=13	Pass
	1732.5	100	0	6.77	<=13	Pass
	1745	100	0	6.90	<=13	Pass

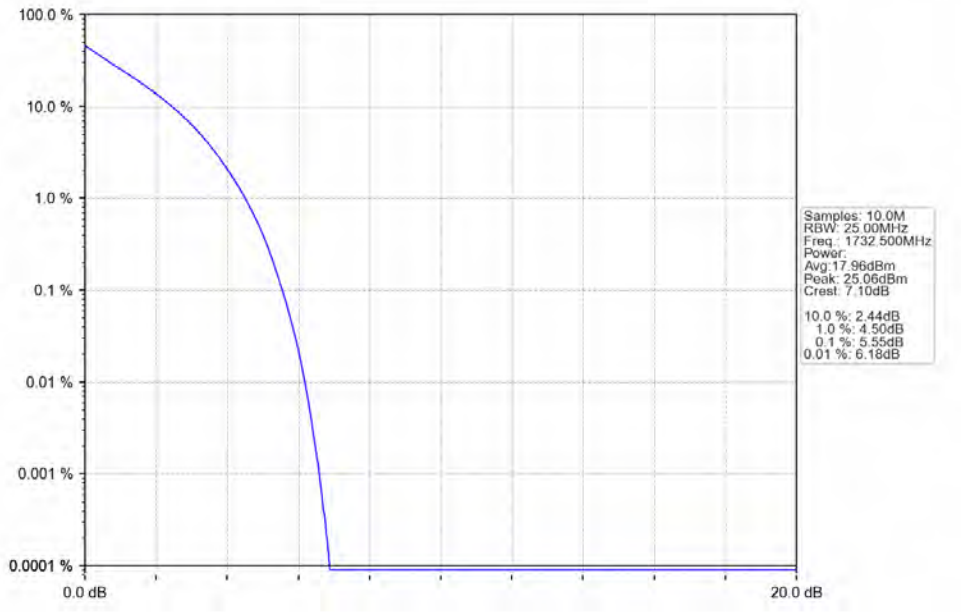
4.2 Test Graph

4.2.1 B4_20MHz

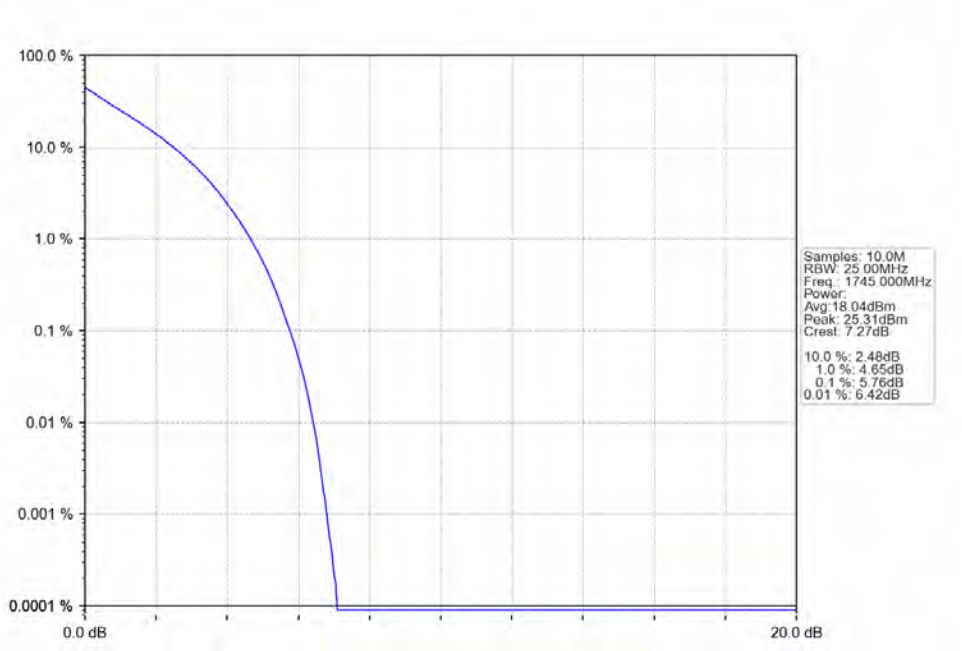
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



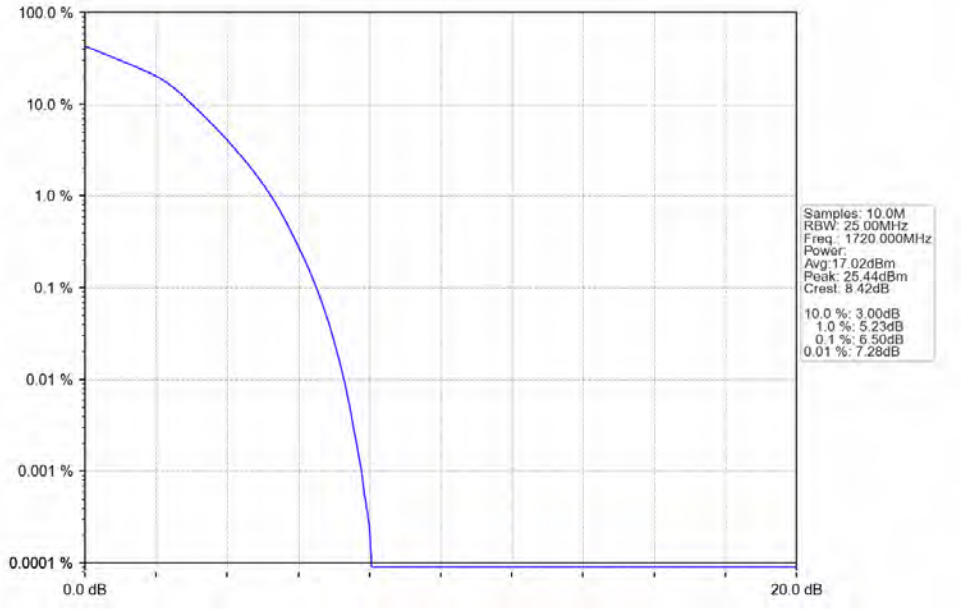
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



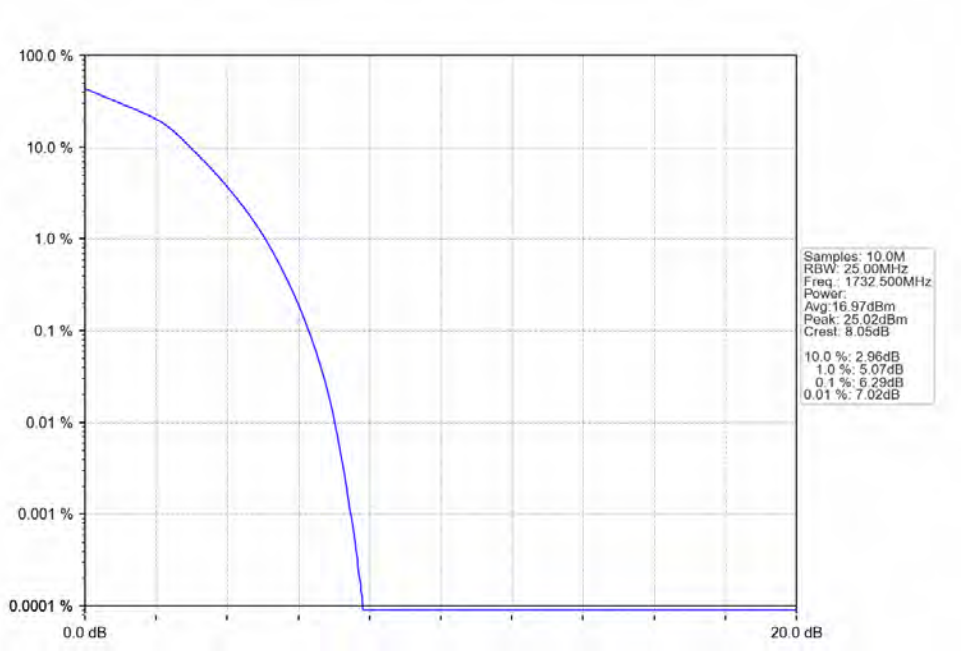
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



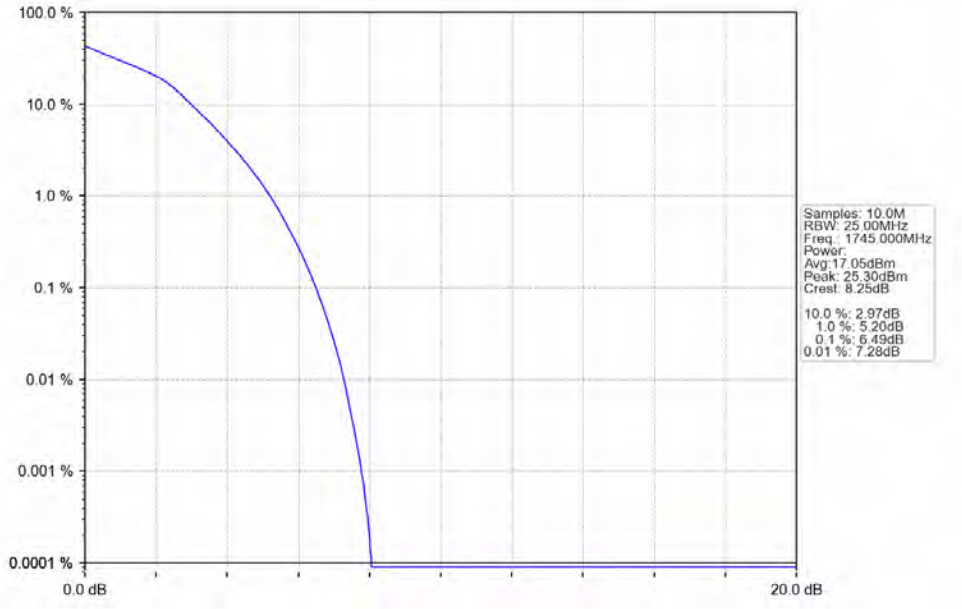
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



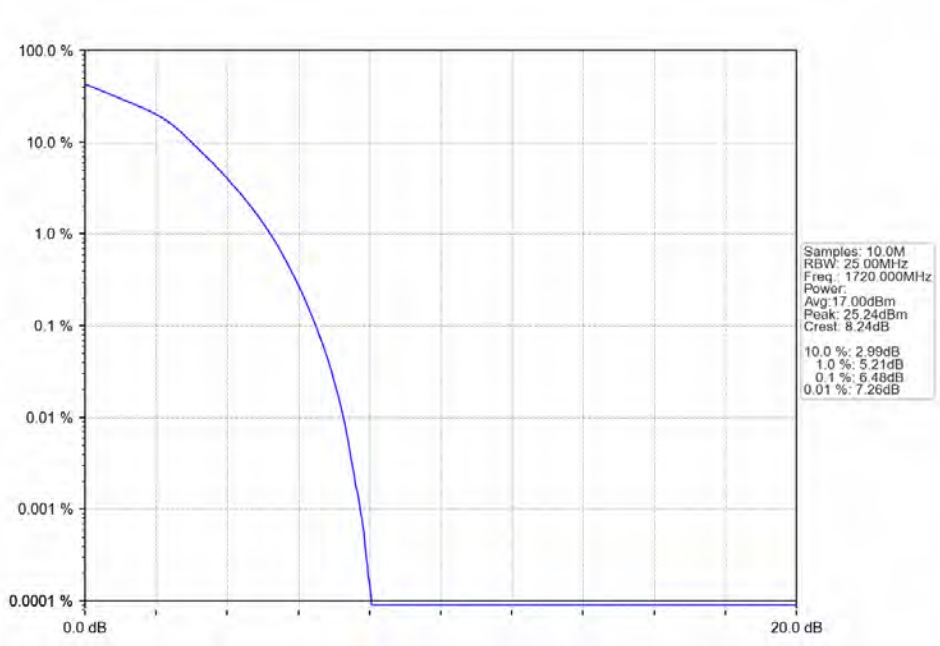
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



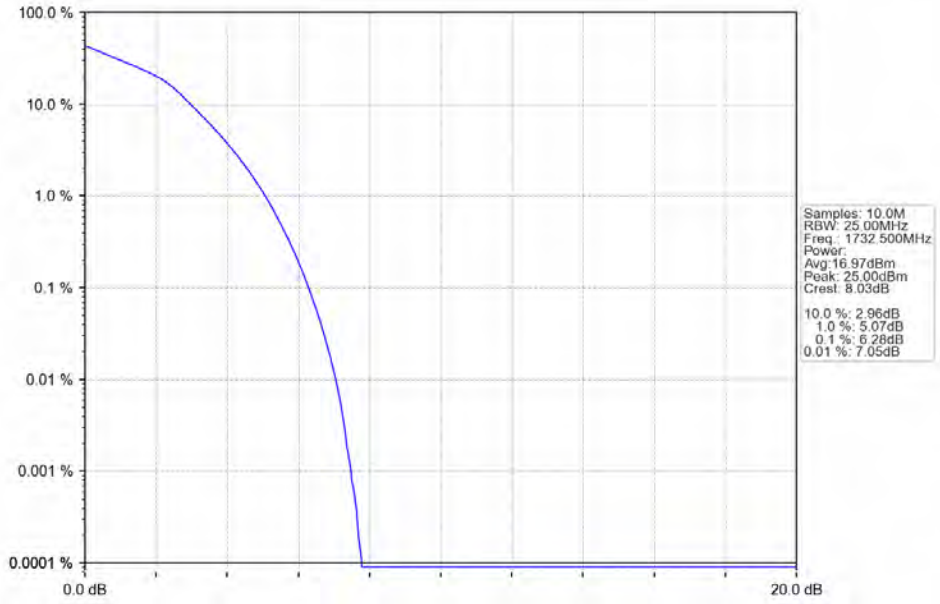
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



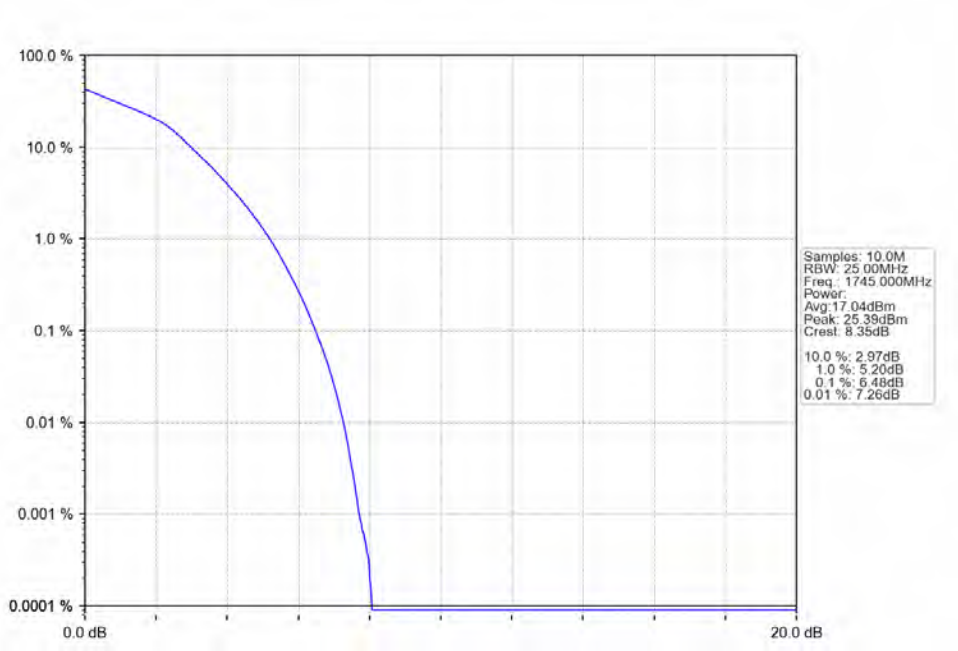
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



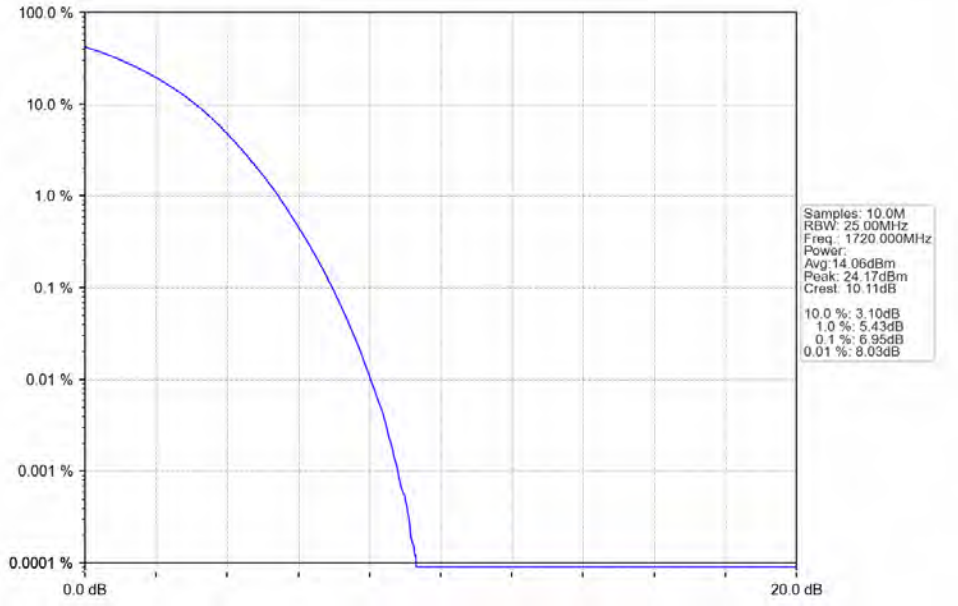
Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



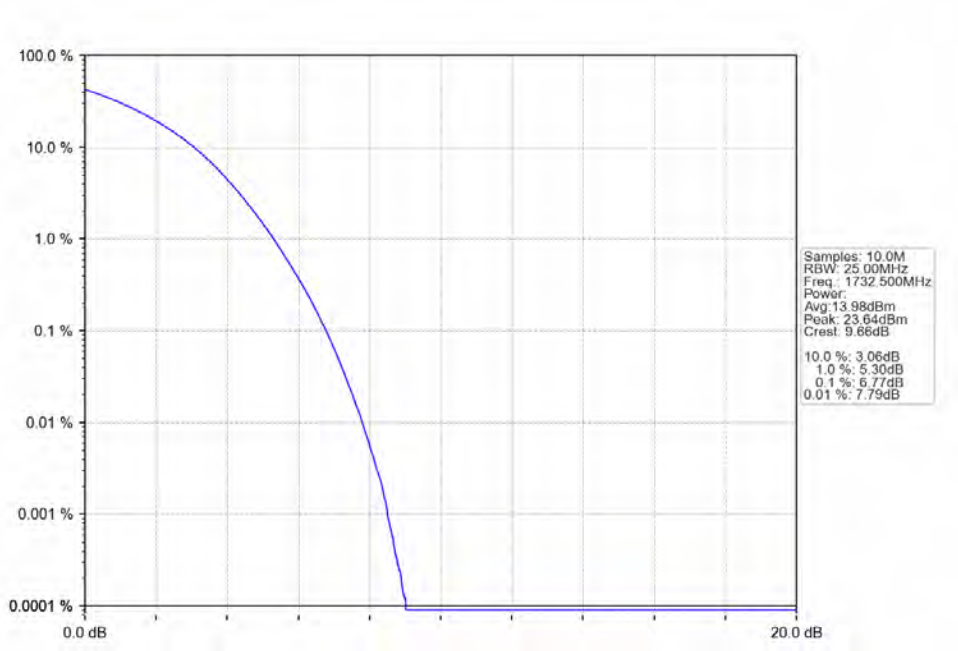
Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



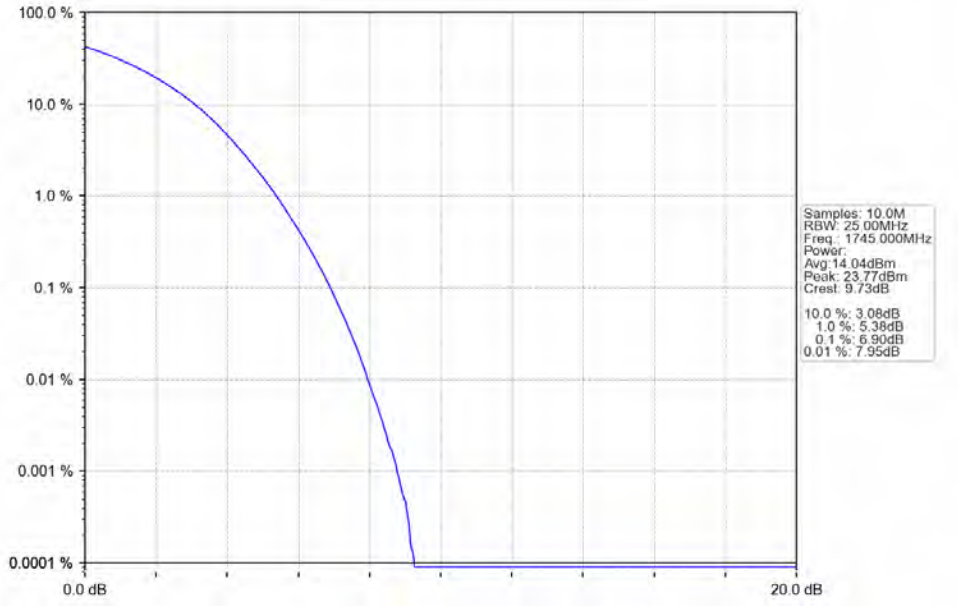
Band4_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_256QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_256QAM_HCH_1745MHz_RB_100_0_NTNV



5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / 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
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
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
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
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
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B4_10MHz

Band: 4 / 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
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
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
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

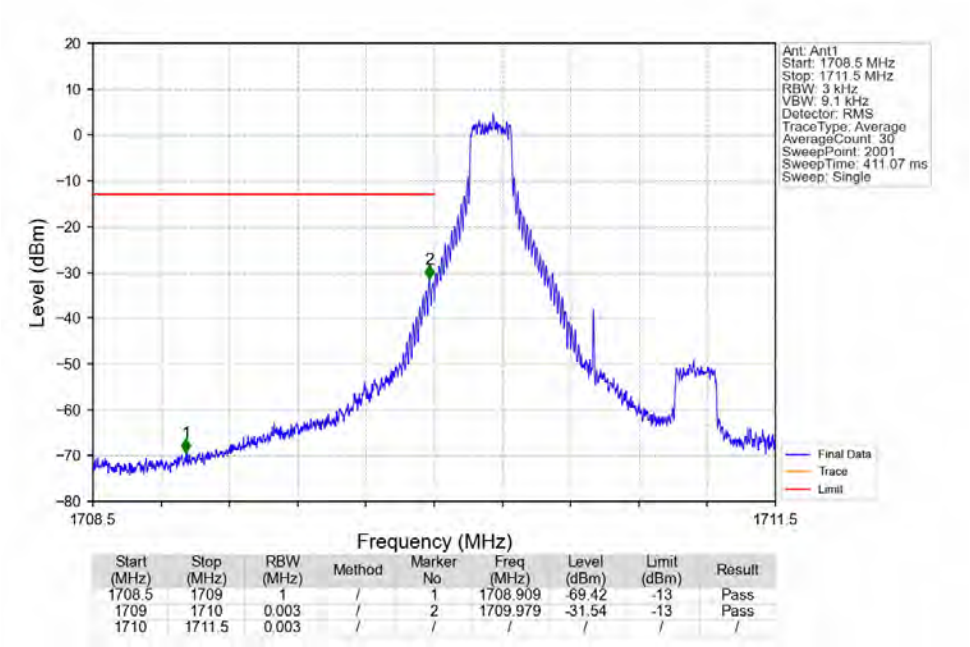
5.1.6 B4_20MHz

Band: 4 / 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
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

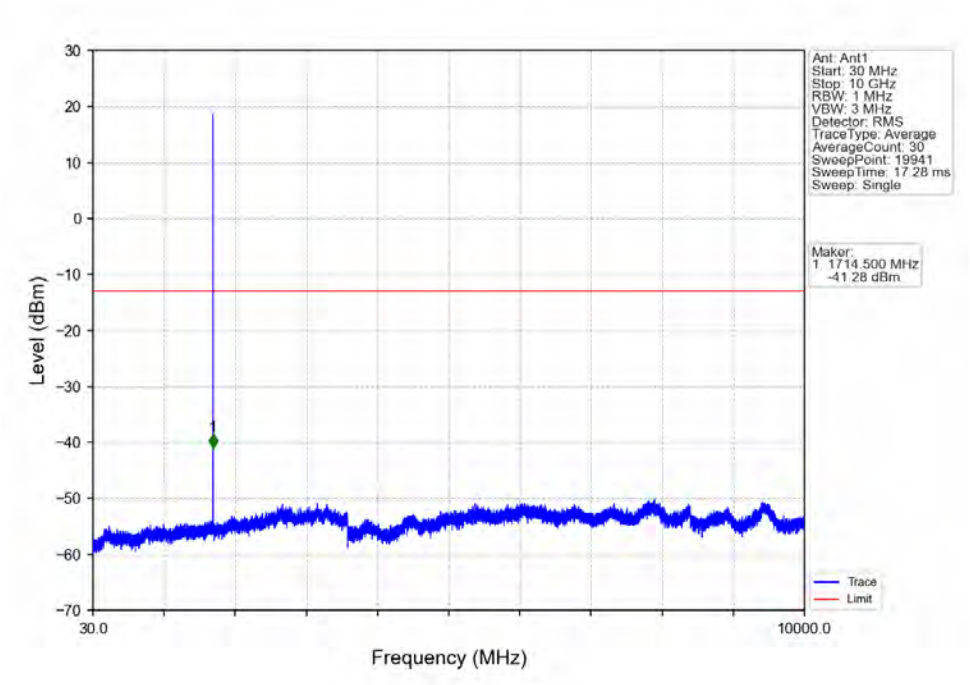
5.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

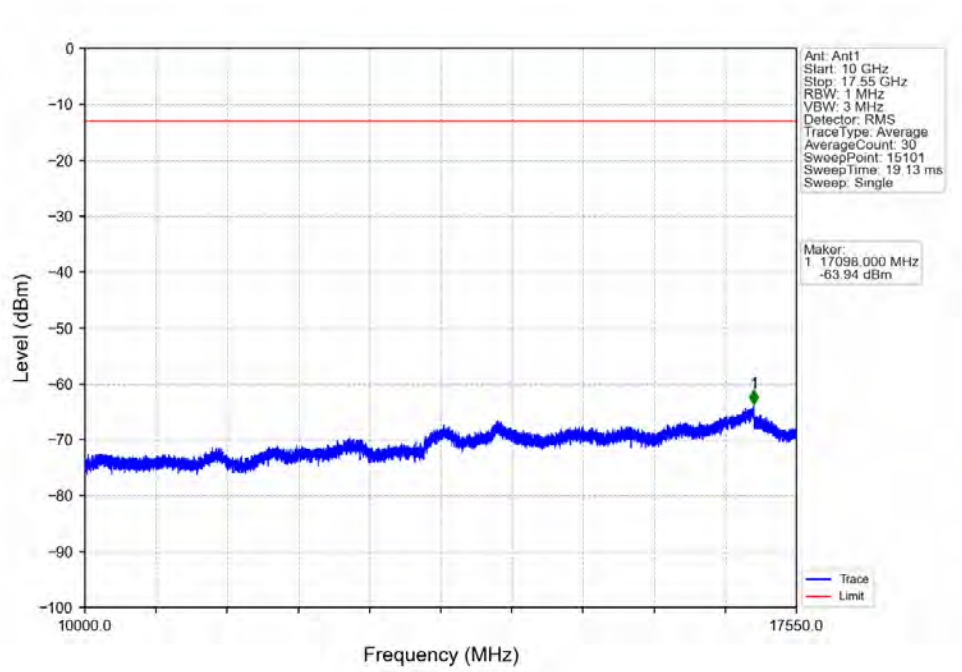


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.909	-69.42	-13	Pass
1709	1710	0.003	/	2	1709.979	-31.54	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

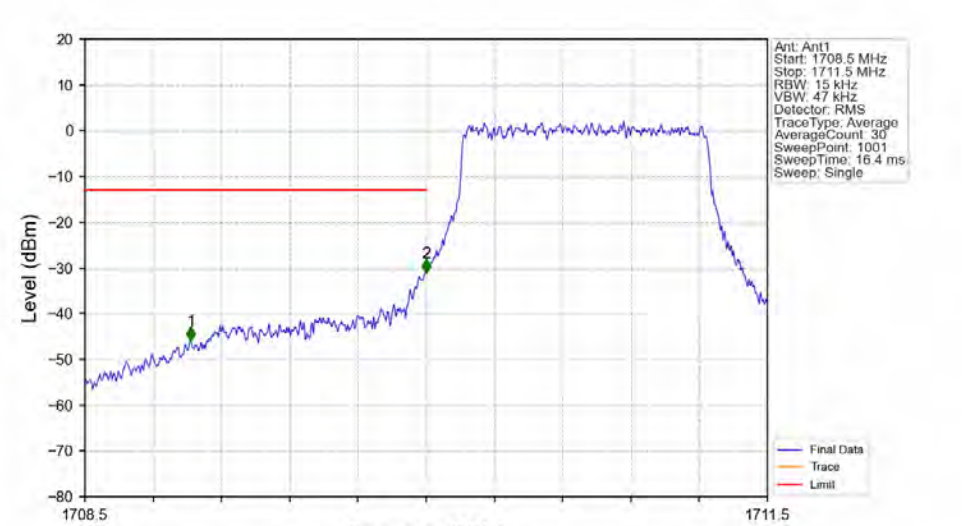
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

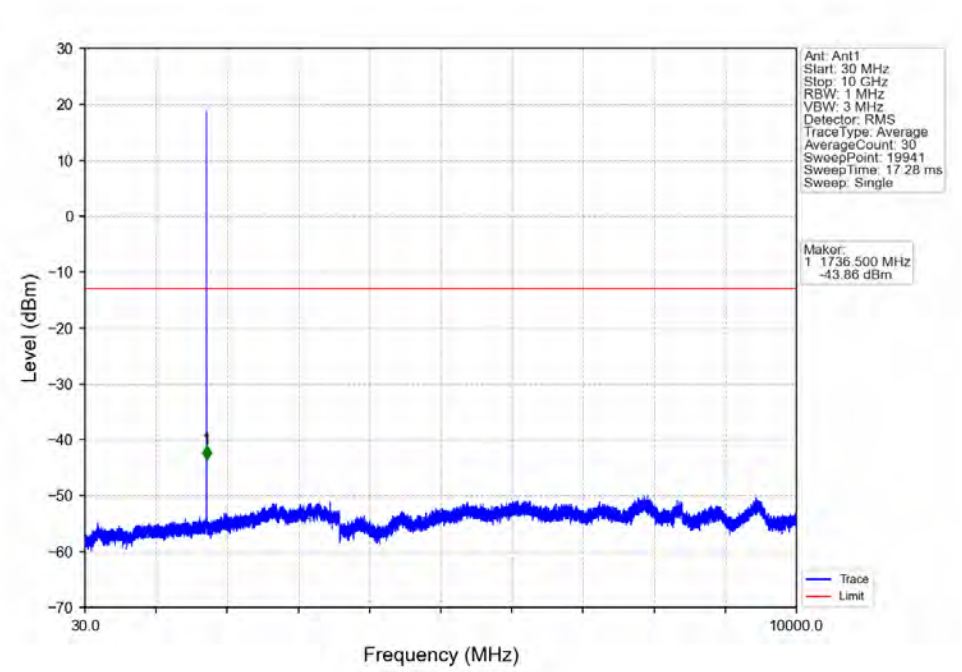


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

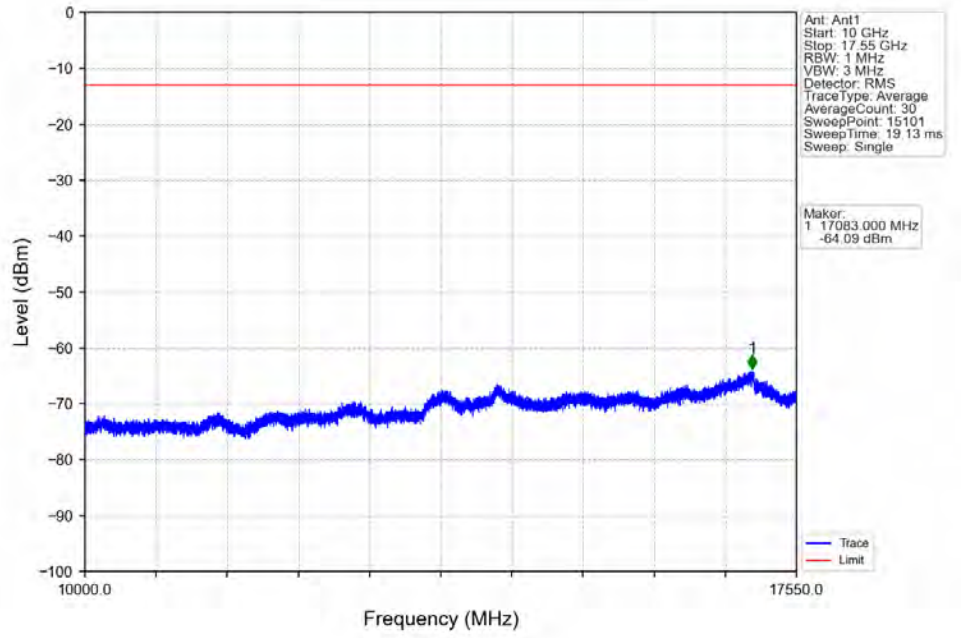


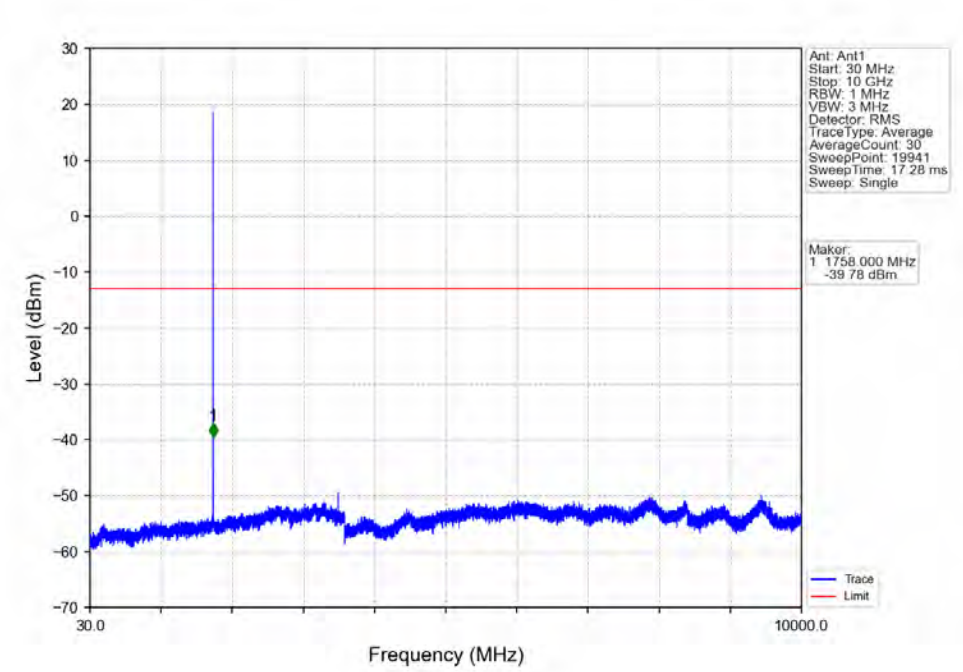
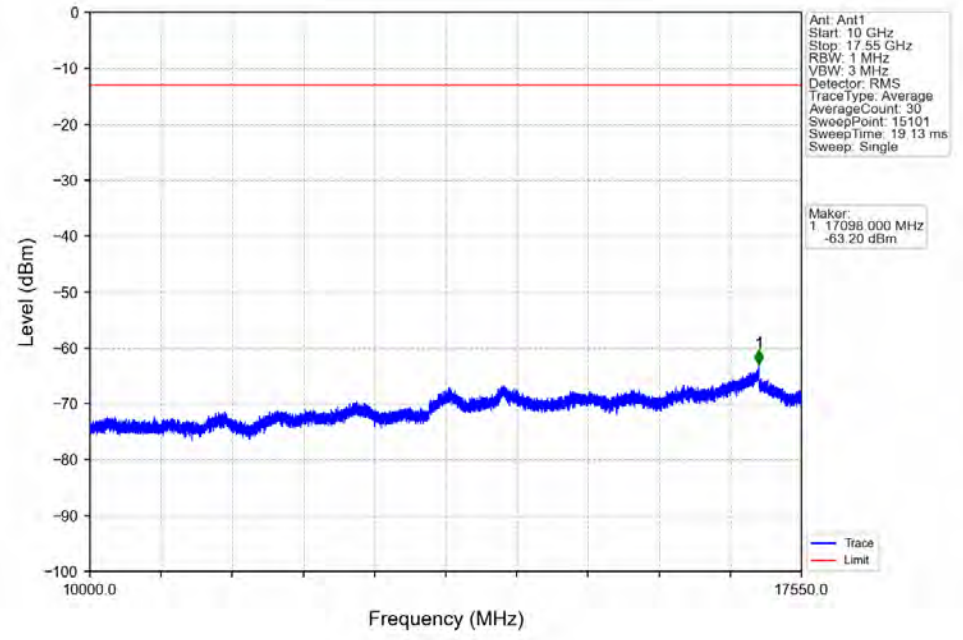
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.965	-45.95	-13	Pass
1709	1710	0.015	/	2	1710.000	-31.17	-13	Pass
1710	1711.5	0.015	/	/	/	/	/	/

Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

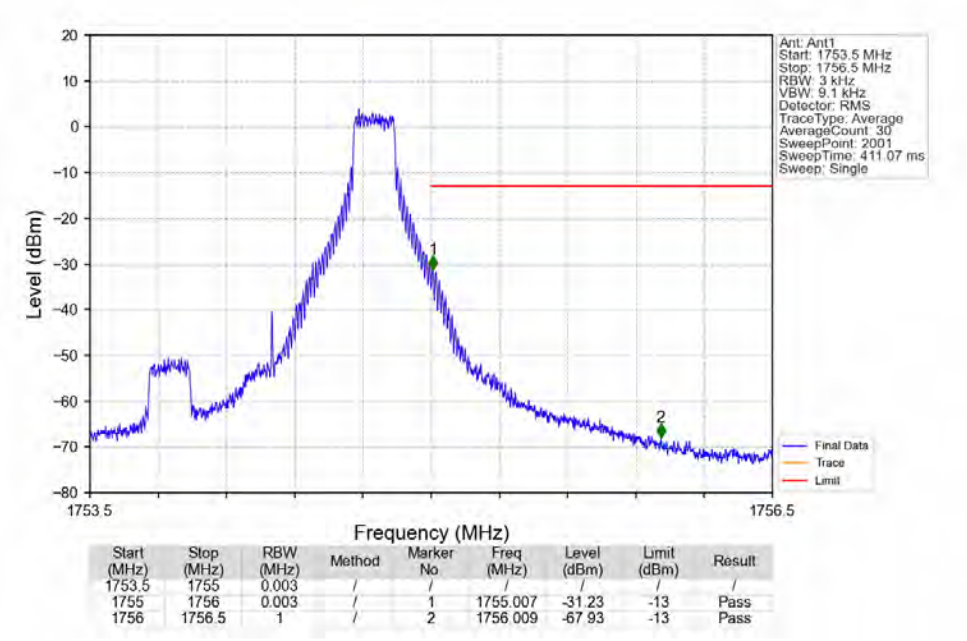


Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



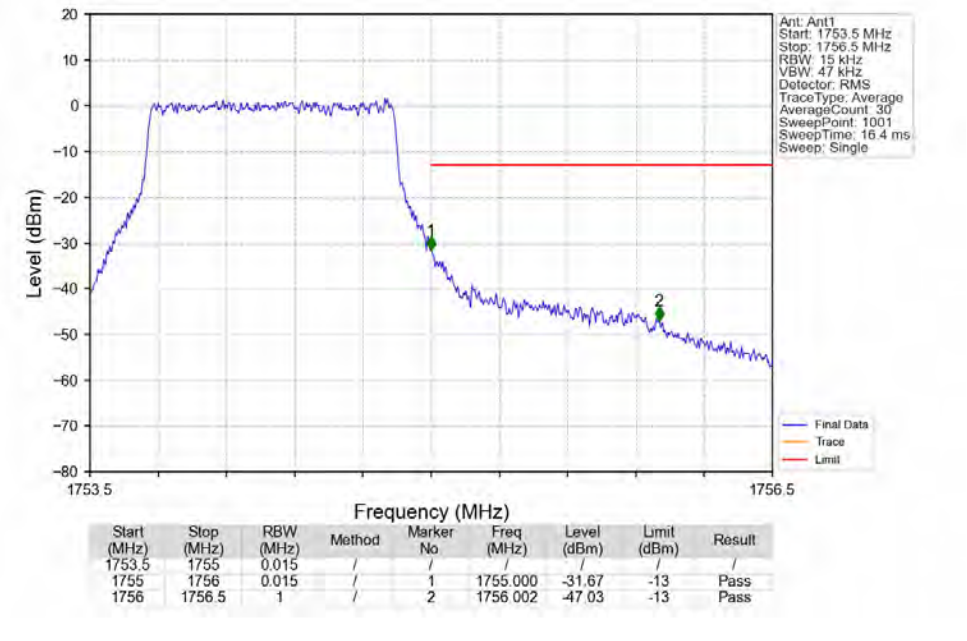
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



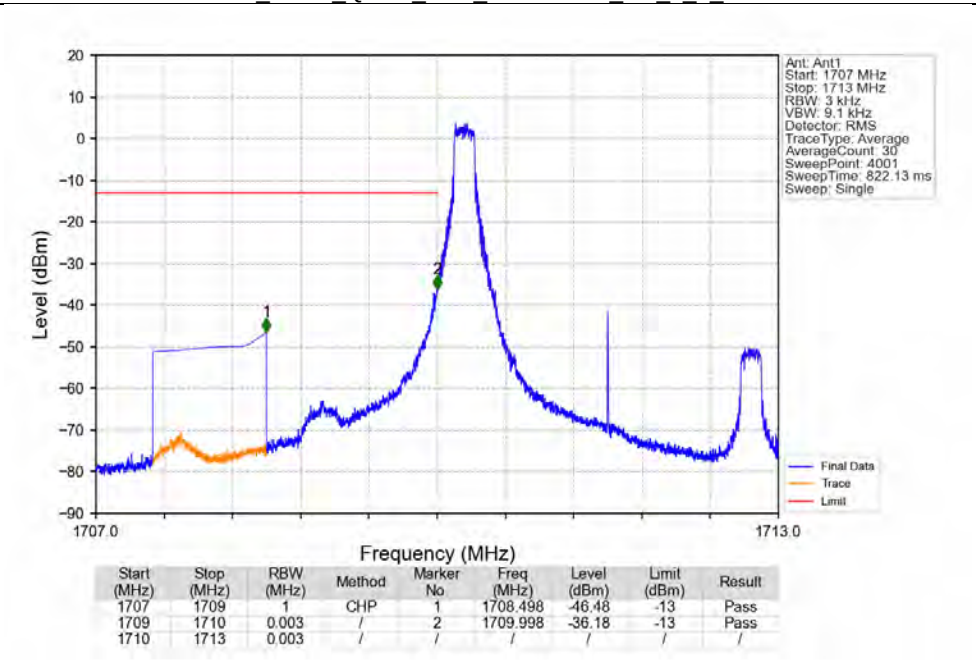
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.007	-31.23	-13	Pass
1756	1756.5	1	/	2	1756.009	-67.93	-13	Pass

Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

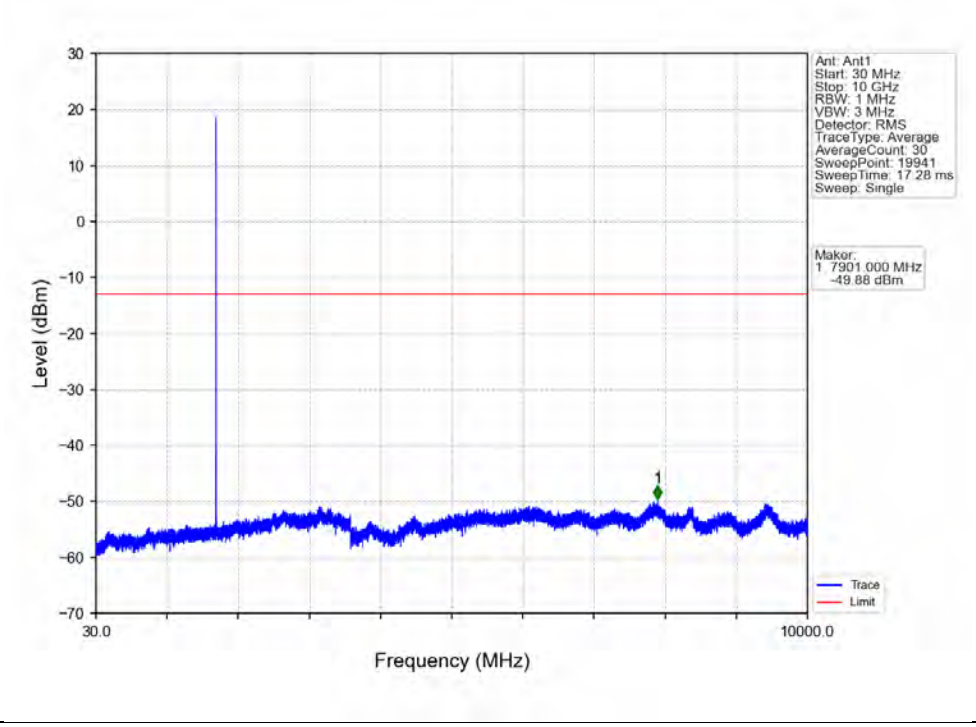


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1753.5	1755	0.015	/	/	/	/	/	/
1755	1756	0.015	/	1	1755.000	-31.67	-13	Pass
1756	1756.5	1	/	2	1756.002	-47.03	-13	Pass

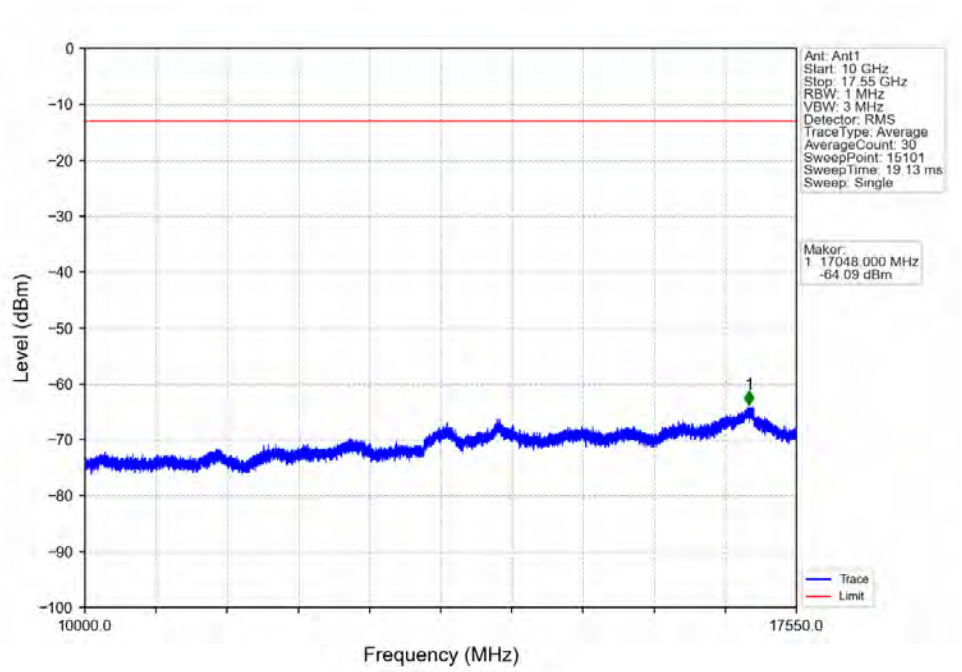
5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV


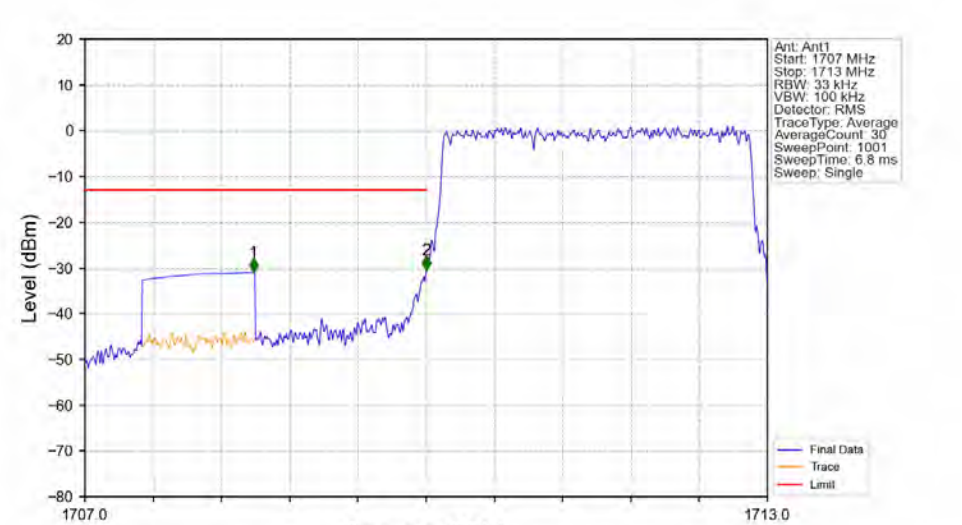
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.498	-46.48	-13	Pass
1709	1710	0.003	/	2	1709.998	-36.18	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV


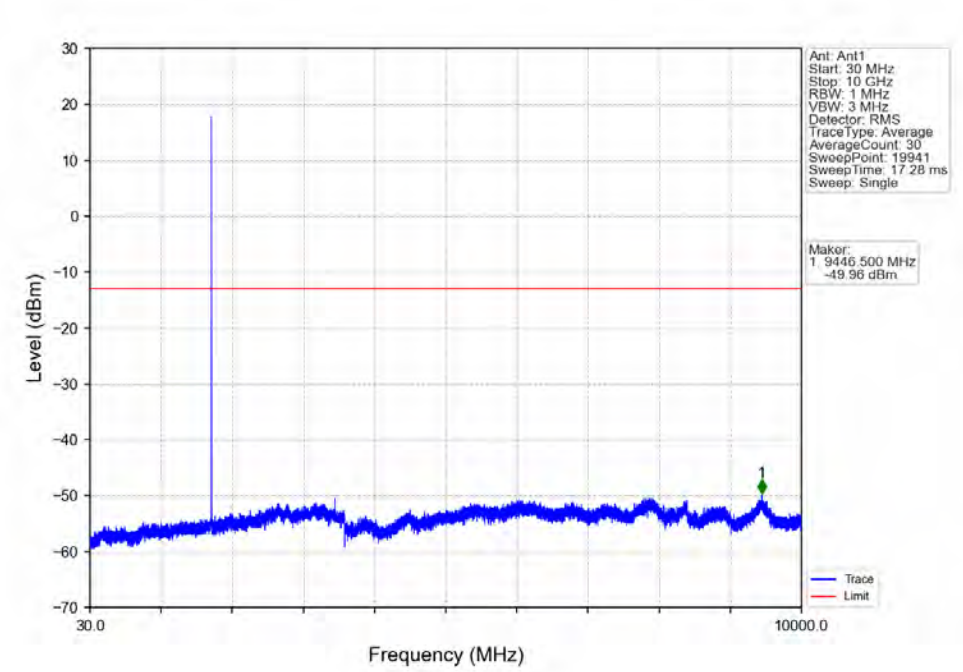
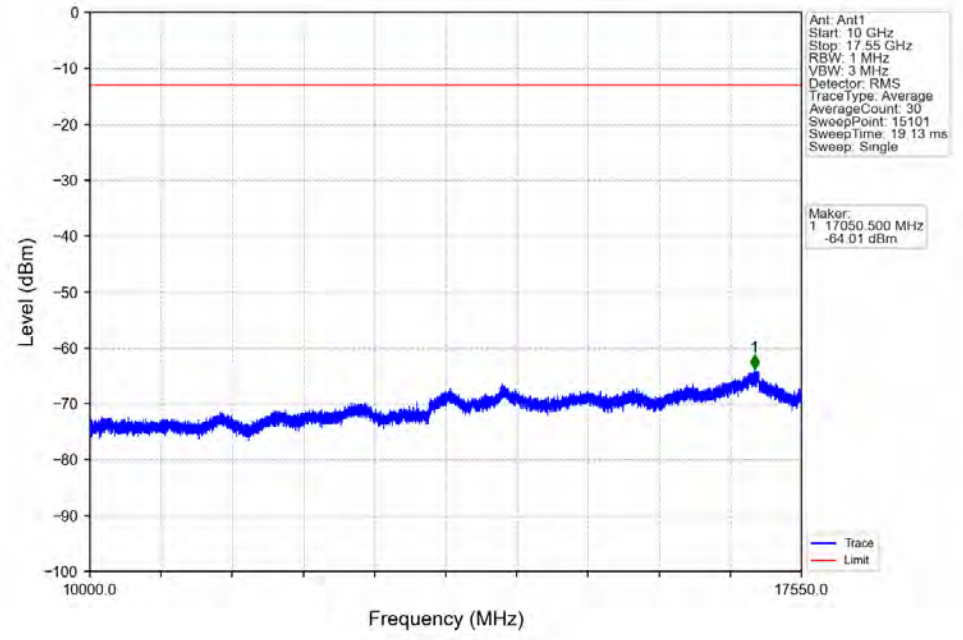
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

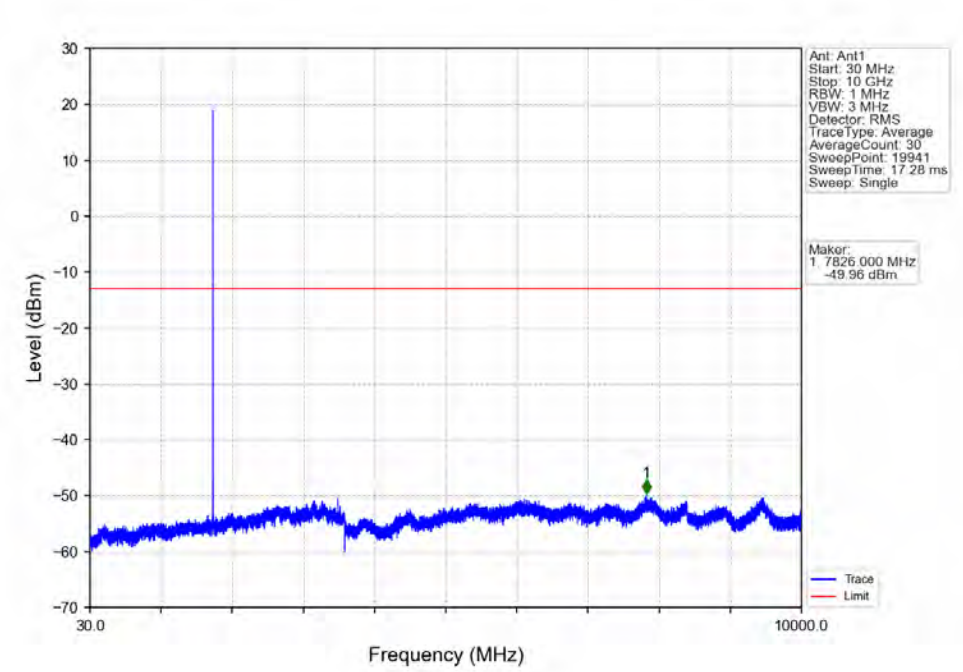
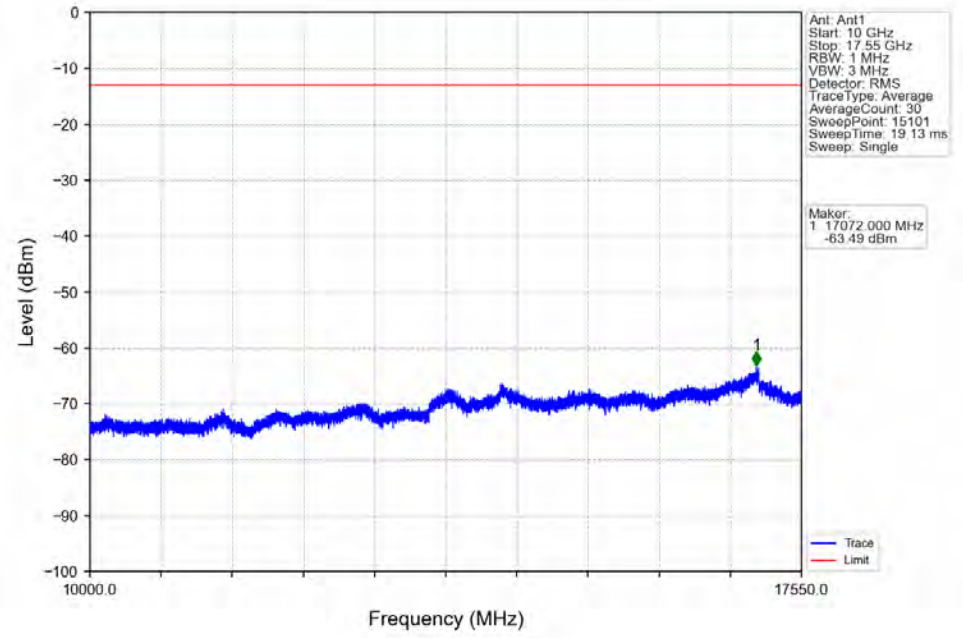


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

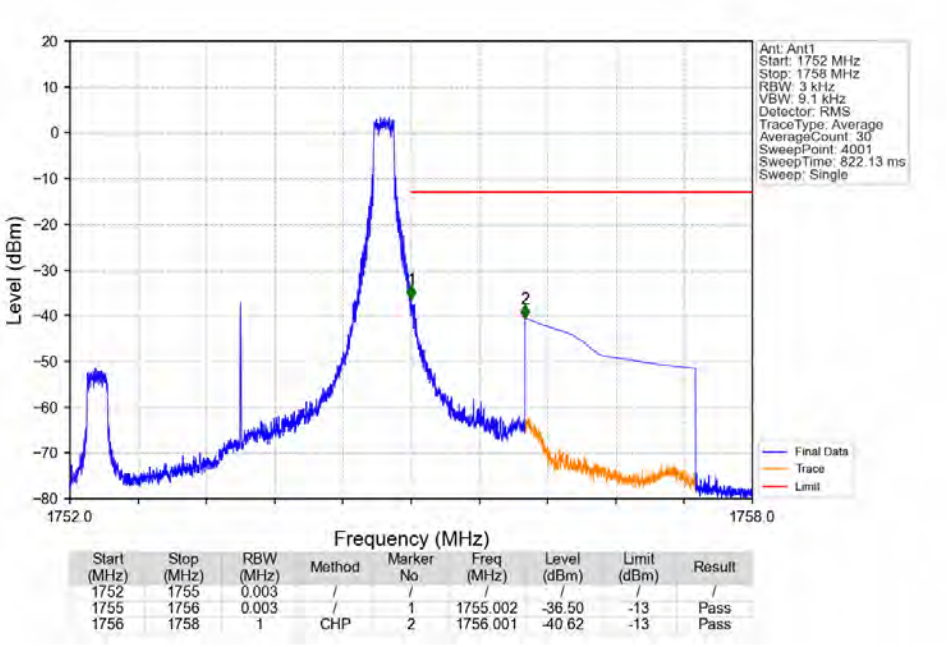


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.482	-30.94	-13	Pass
1709	1710	0.033	/	2	1710.000	-30.52	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


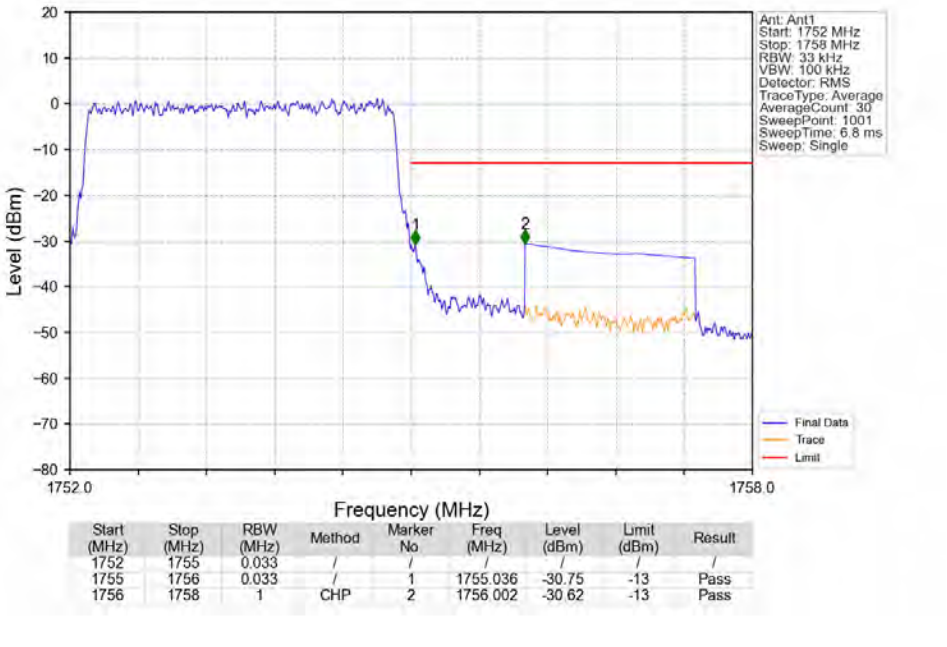
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-36.50	-13	Pass
1756	1758	1	CHP	2	1756.001	-40.62	-13	Pass

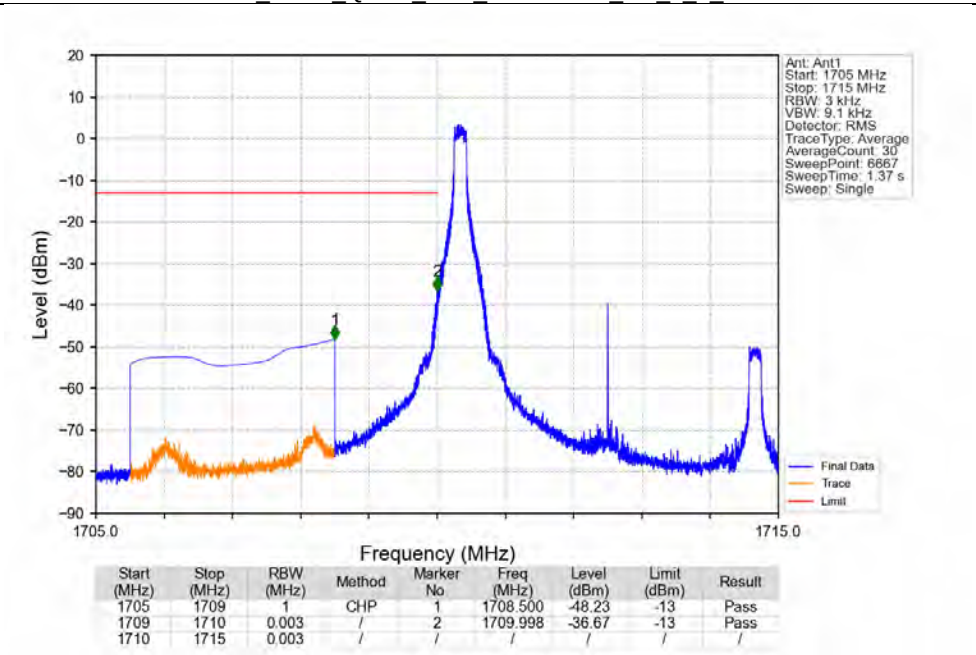
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	/	/	/	/	/	/
1755	1756	0.033	/	1	1755.036	-30.75	-13	Pass
1756	1758	1	CHP	2	1756.002	-30.62	-13	Pass

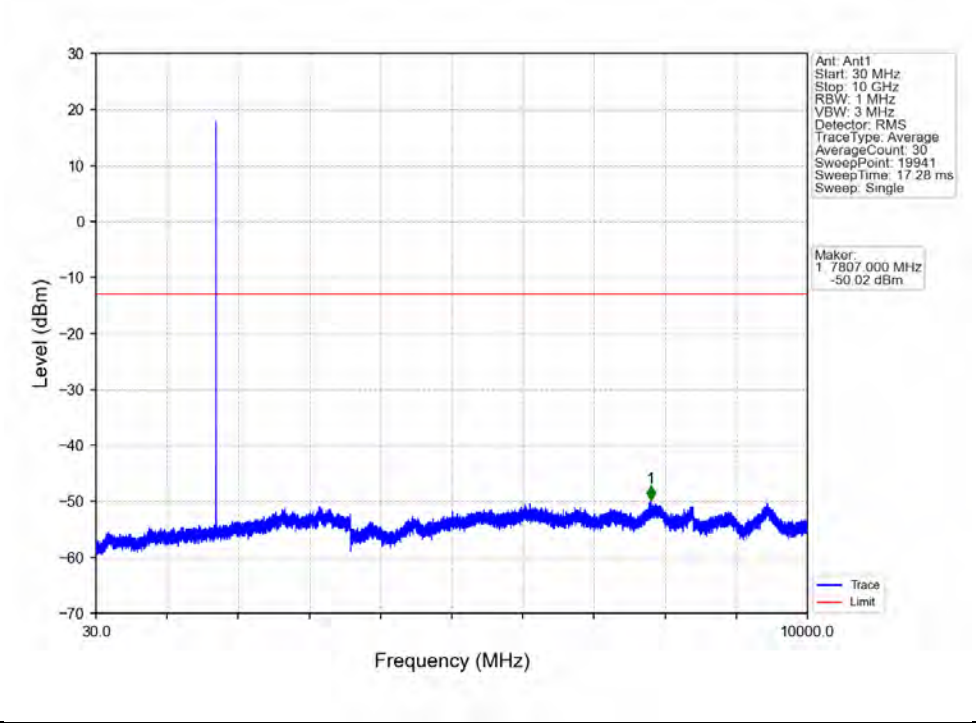
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

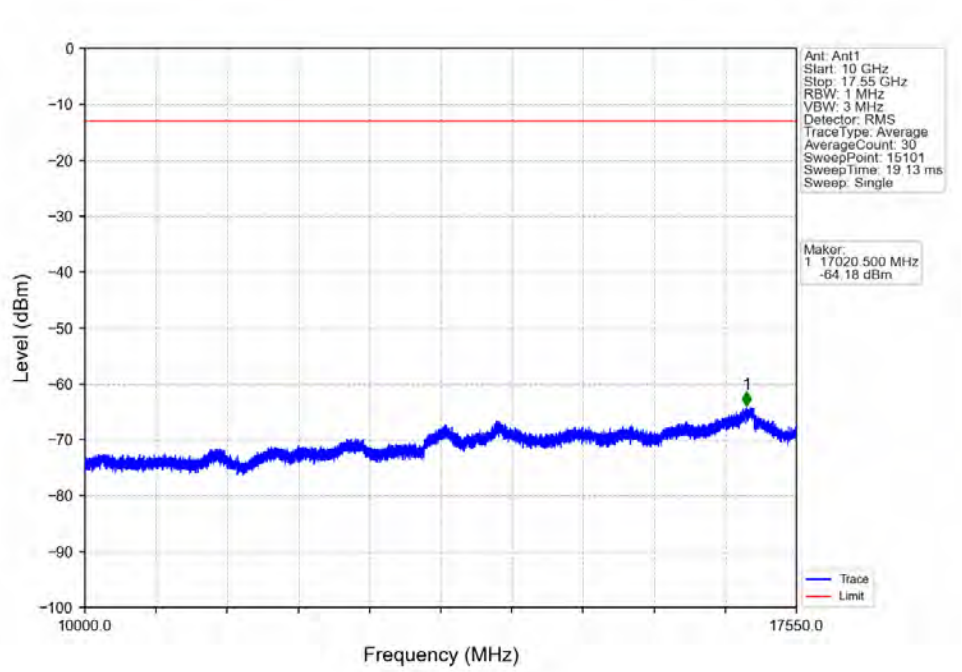


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-48.23	-13	Pass
1709	1710	0.003	/	2	1709.998	-36.67	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

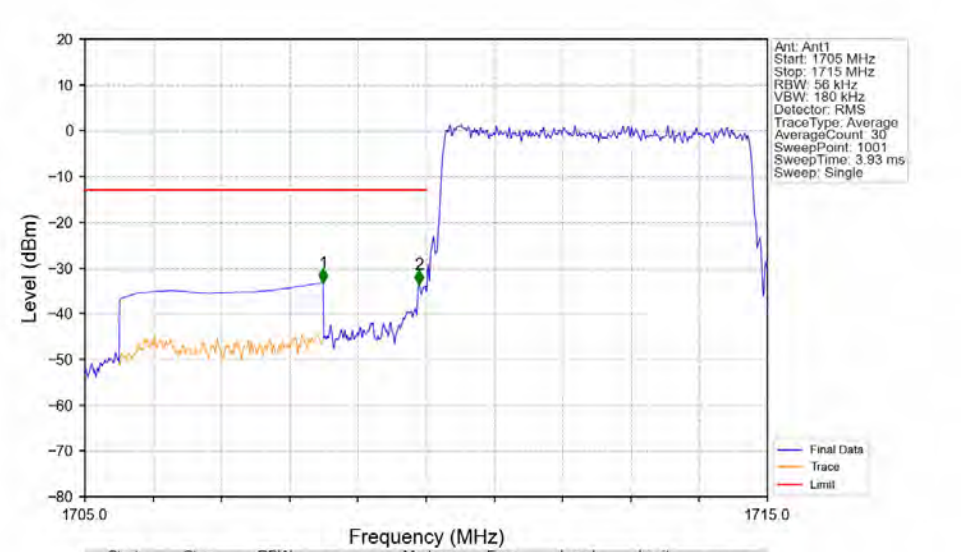
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



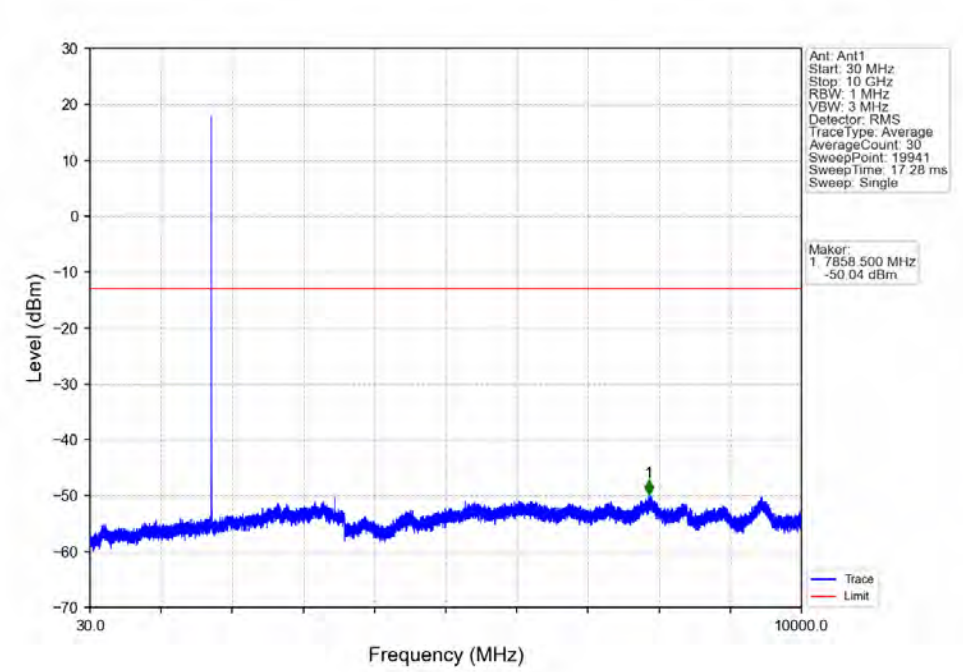
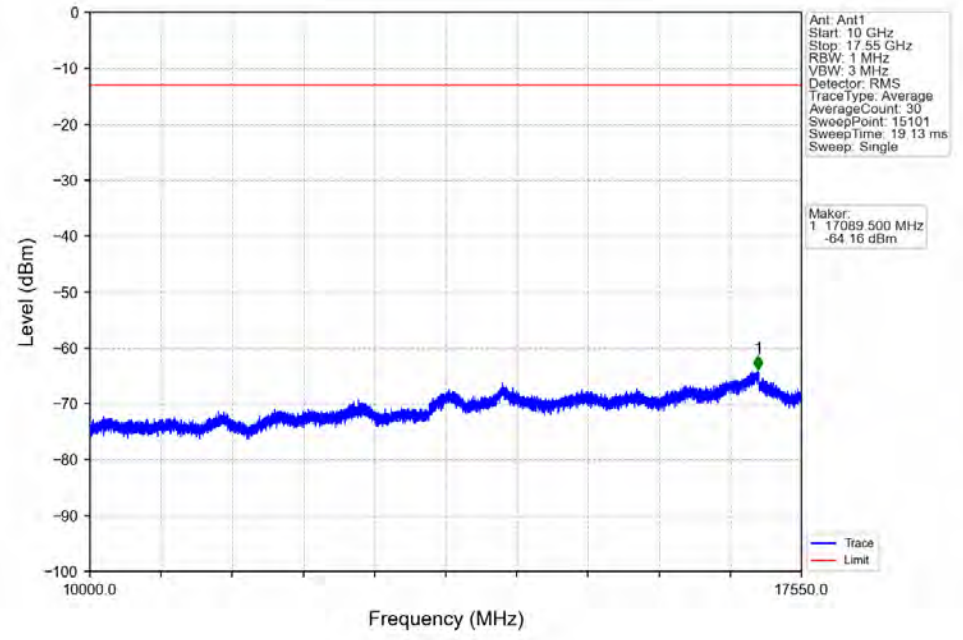
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



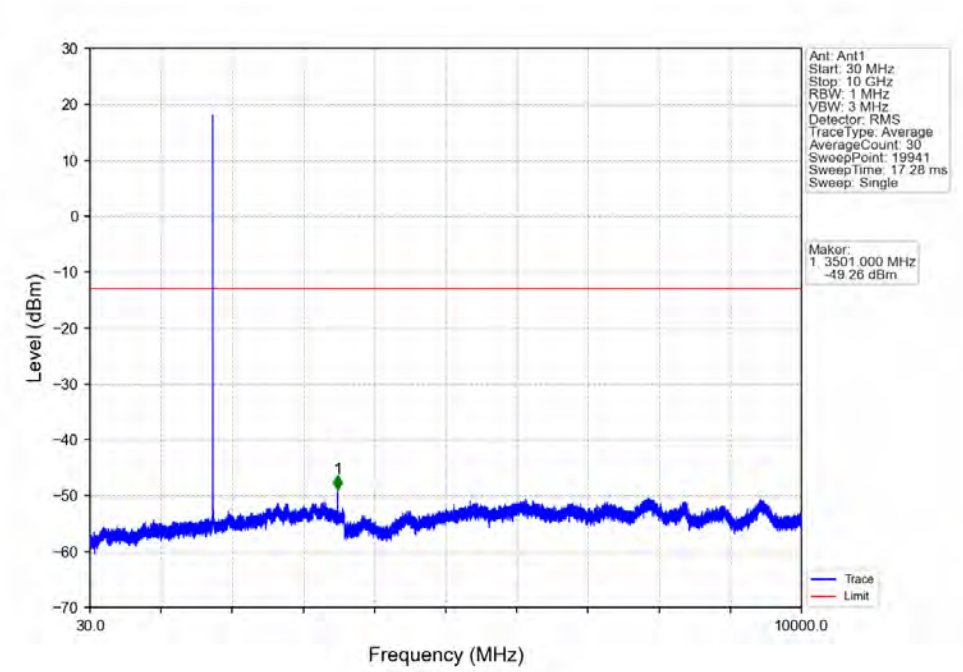
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



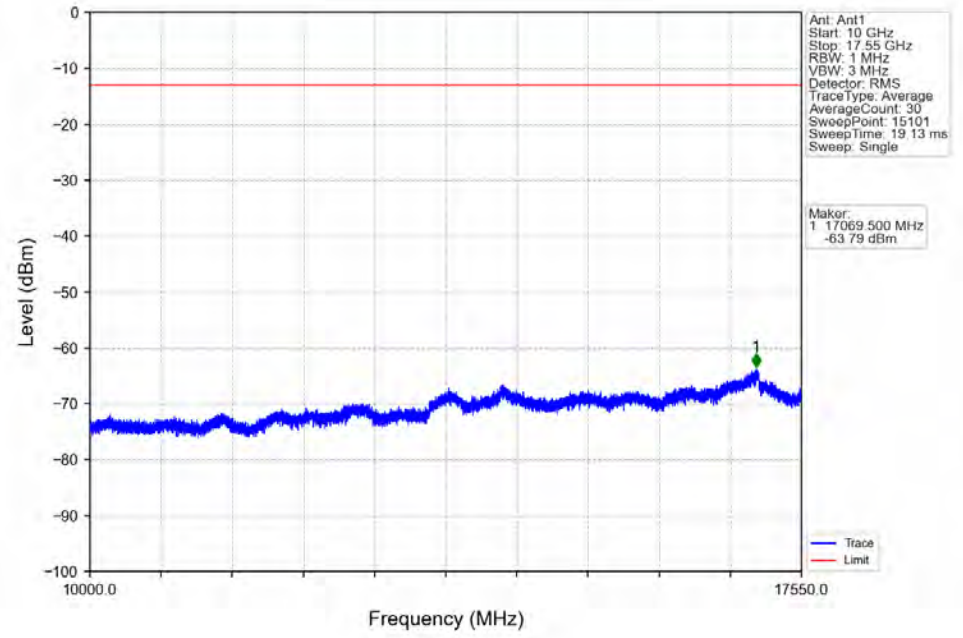
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-33.22	-13	Pass
1709	1710	0.056	/	2	1709.890	-33.56	-13	Pass
1710	1715	0.056	/	/	/	/	/	/

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


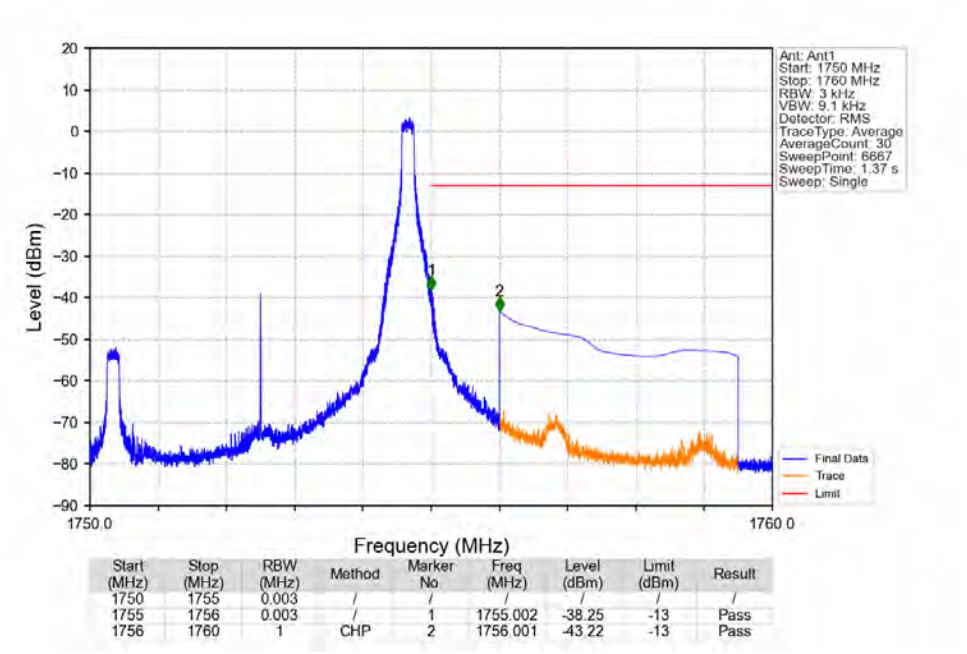
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

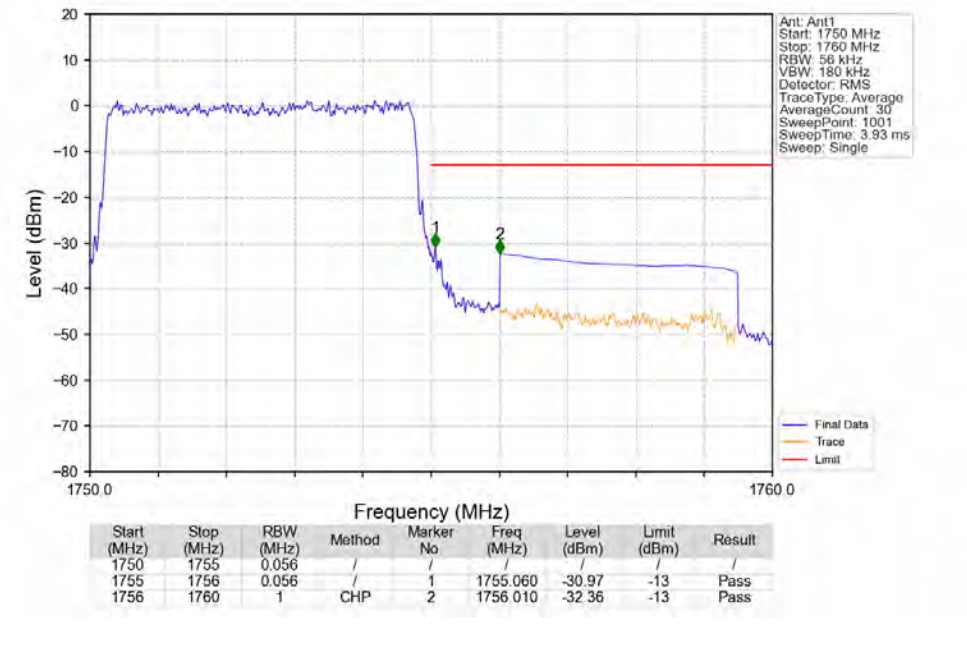


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



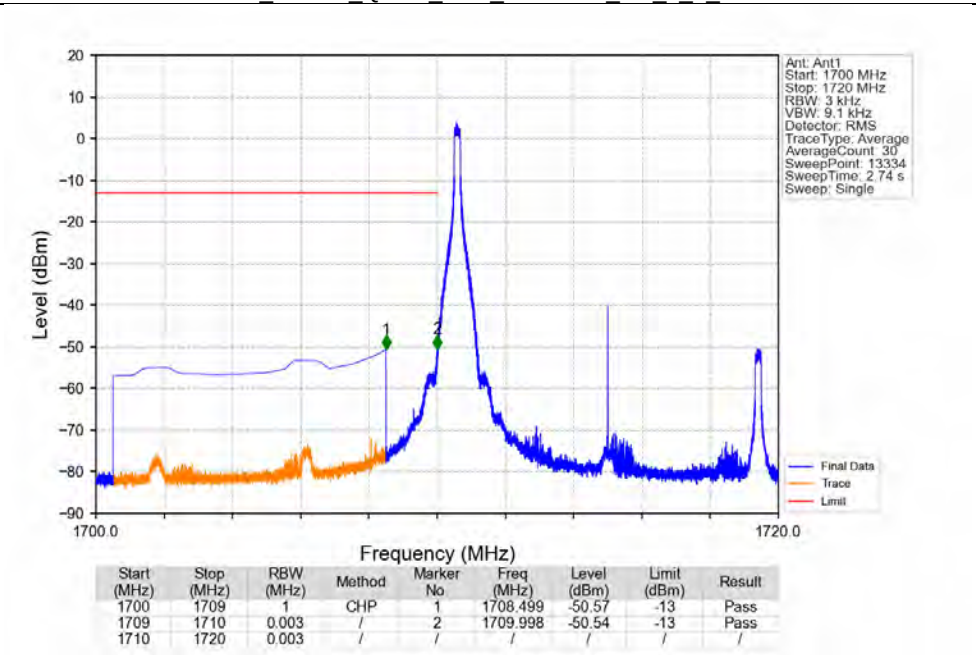
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-38.25	-13	Pass
1756	1760	1	CHP	2	1756.001	-43.22	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV

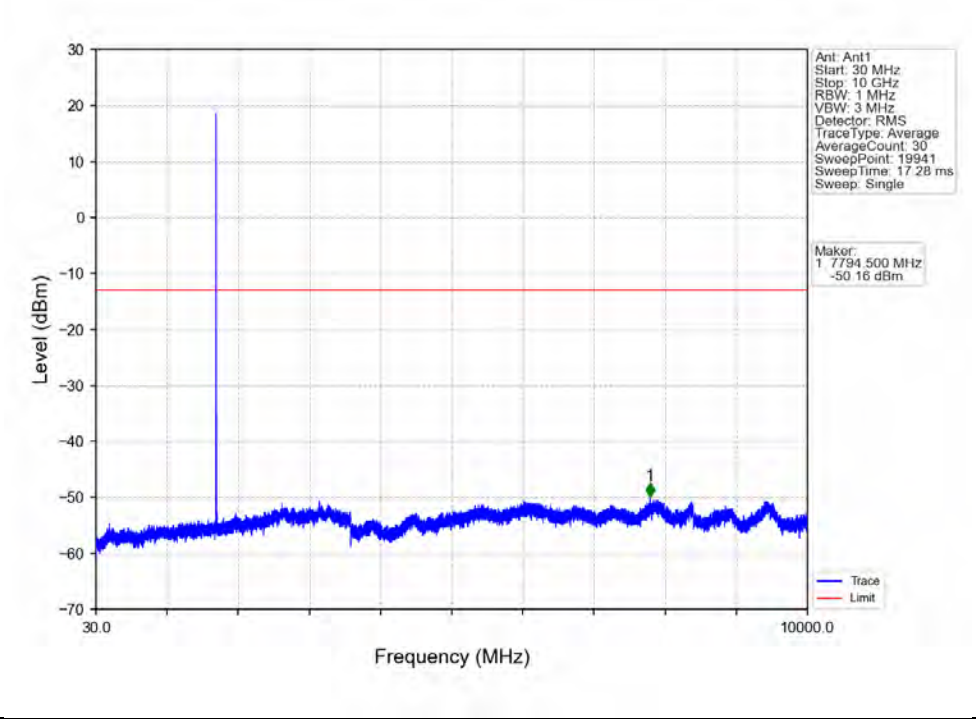


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.056	/	/	/	/	/	/
1755	1756	0.056	/	1	1755.060	-30.97	-13	Pass
1756	1760	1	CHP	2	1756.010	-32.36	-13	Pass

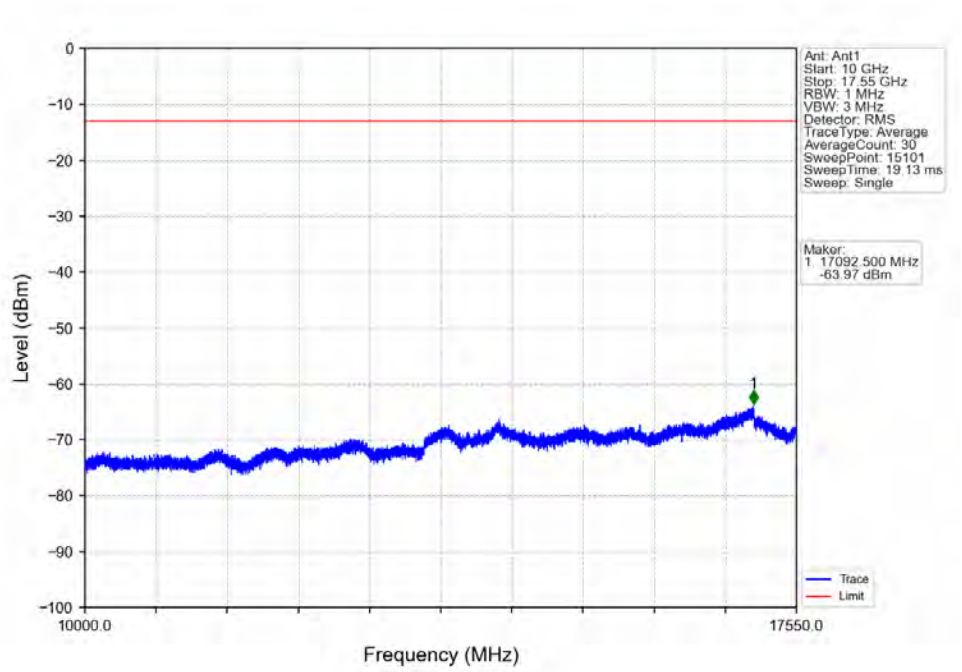
5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV


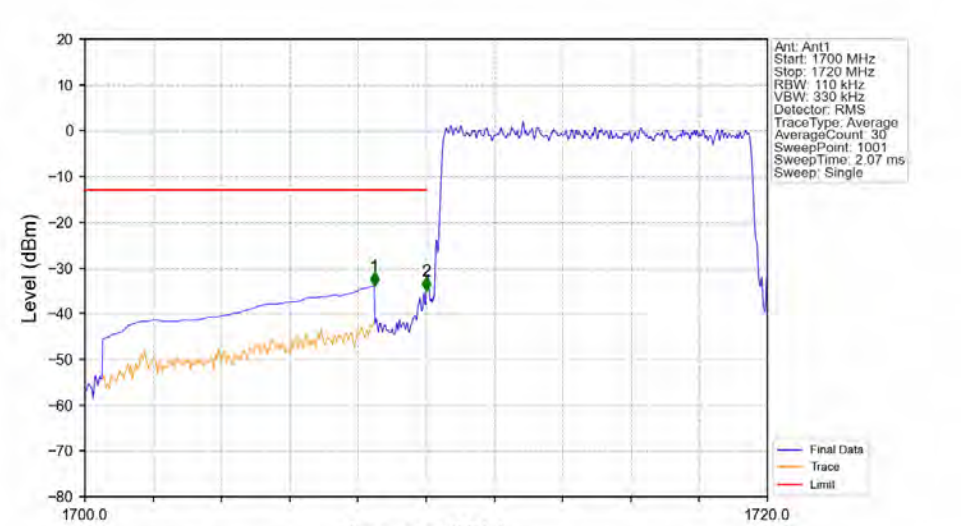
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.499	-50.57	-13	Pass
1709	1710	0.003	/	2	1709.998	-50.54	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV


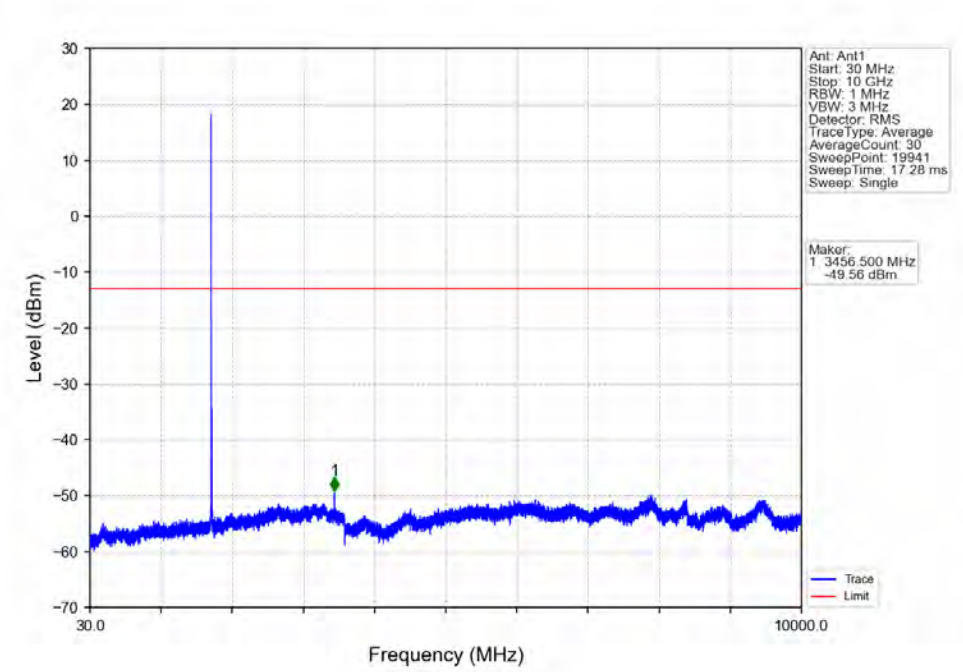
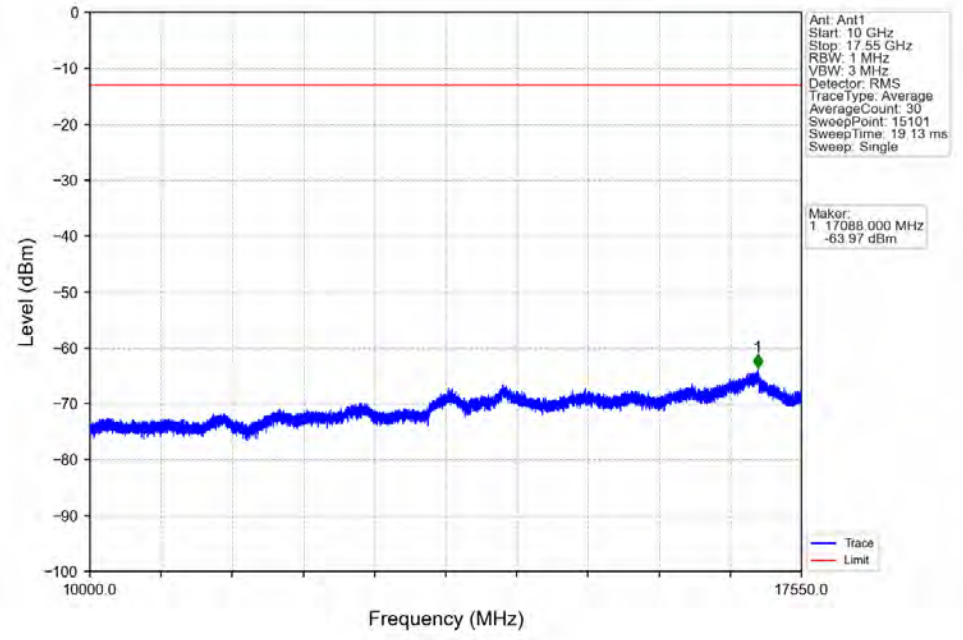
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



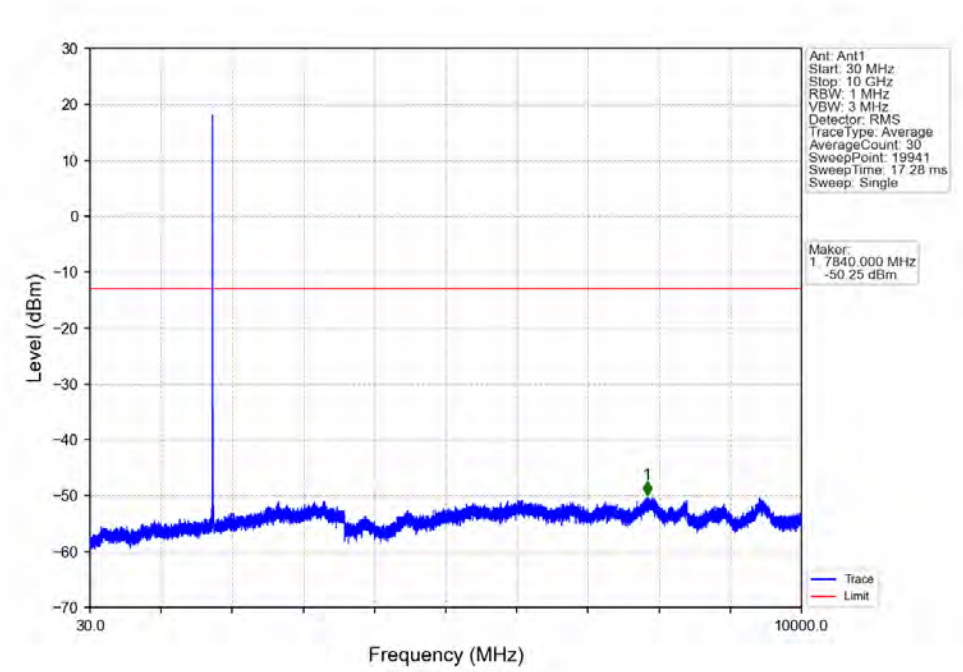
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



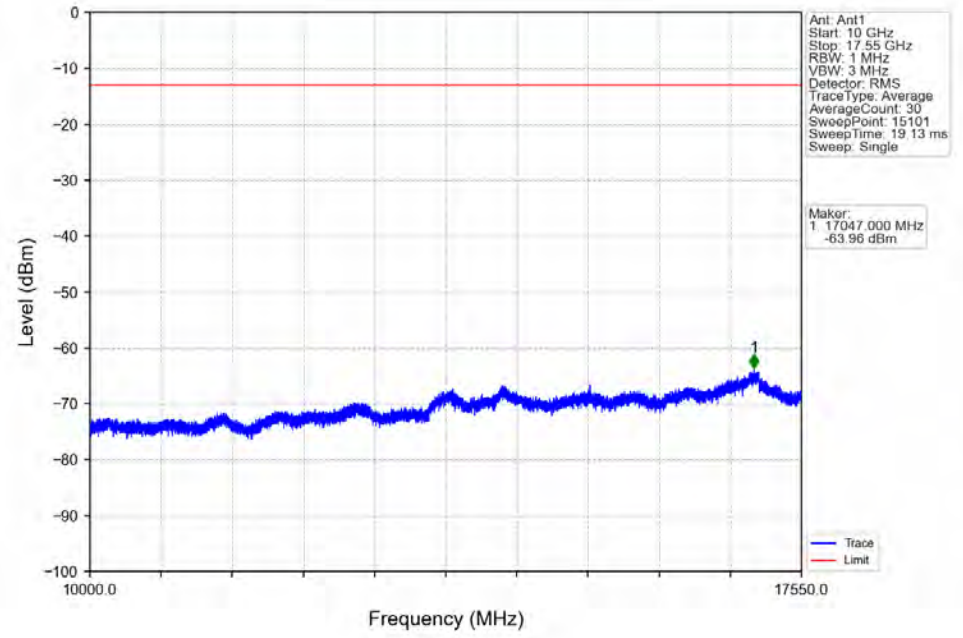
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-34.03	-13	Pass
1709	1710	0.11	/	2	1710.000	-35.07	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


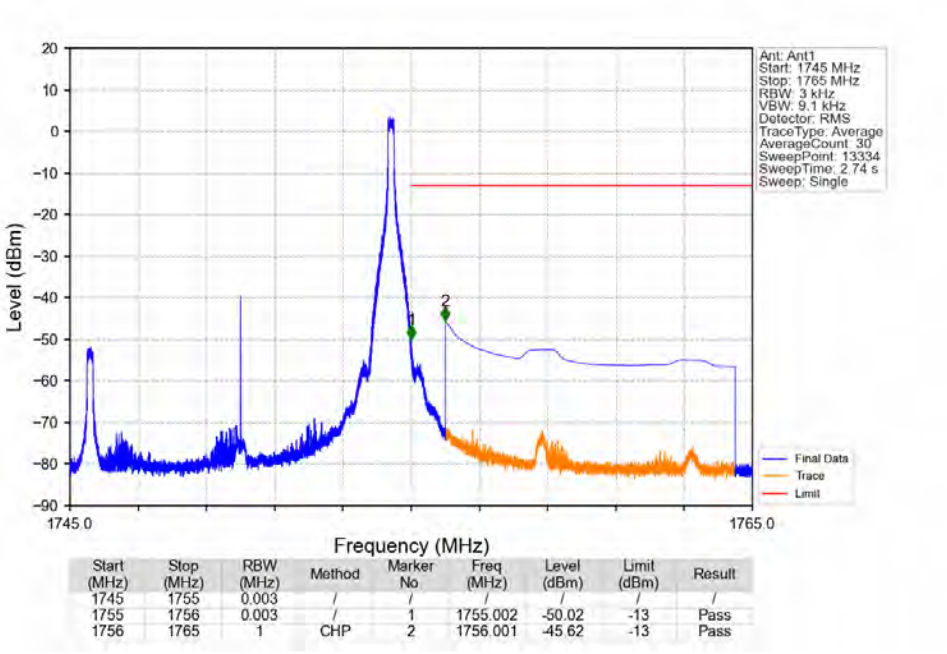
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

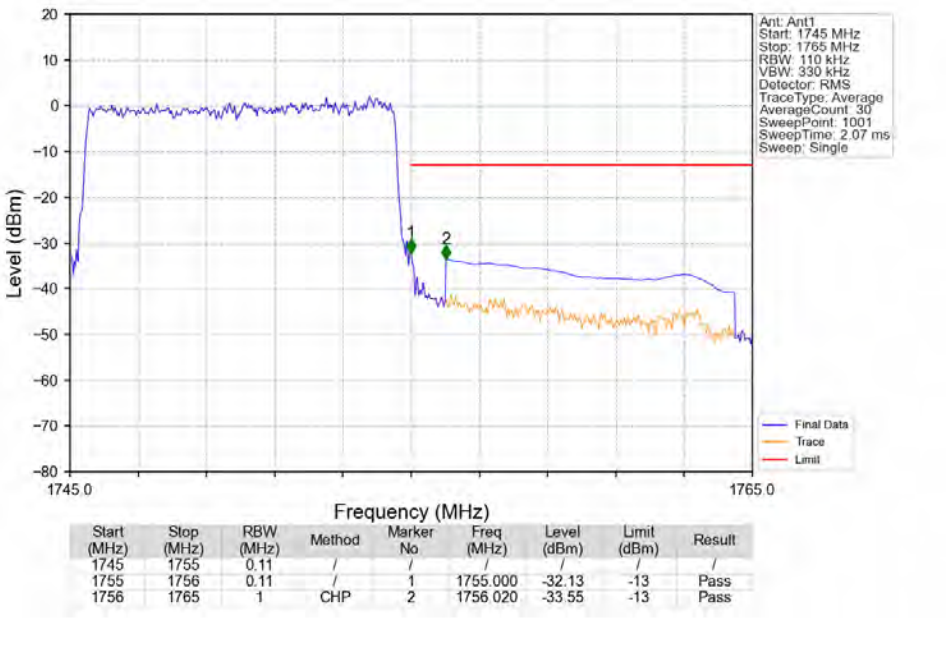


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-50.02	-13	Pass
1756	1765	1	CHP	2	1756.001	-45.62	-13	Pass

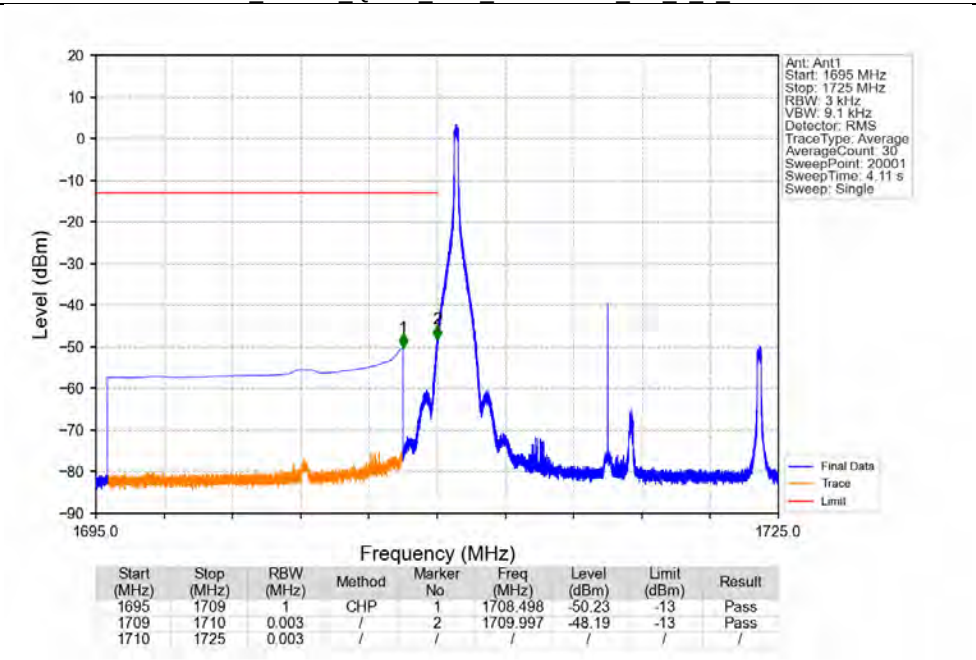
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.11	/	/	/	/	/	/
1755	1756	0.11	/	1	1755.000	-32.13	-13	Pass
1756	1765	1	CHP	2	1756.020	-33.55	-13	Pass

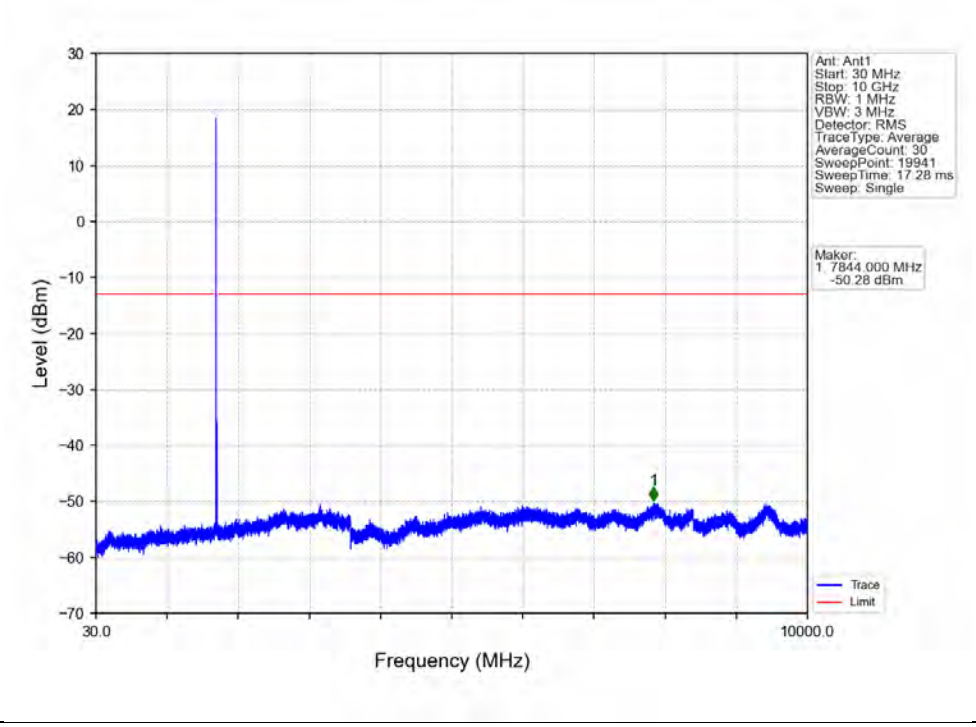
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

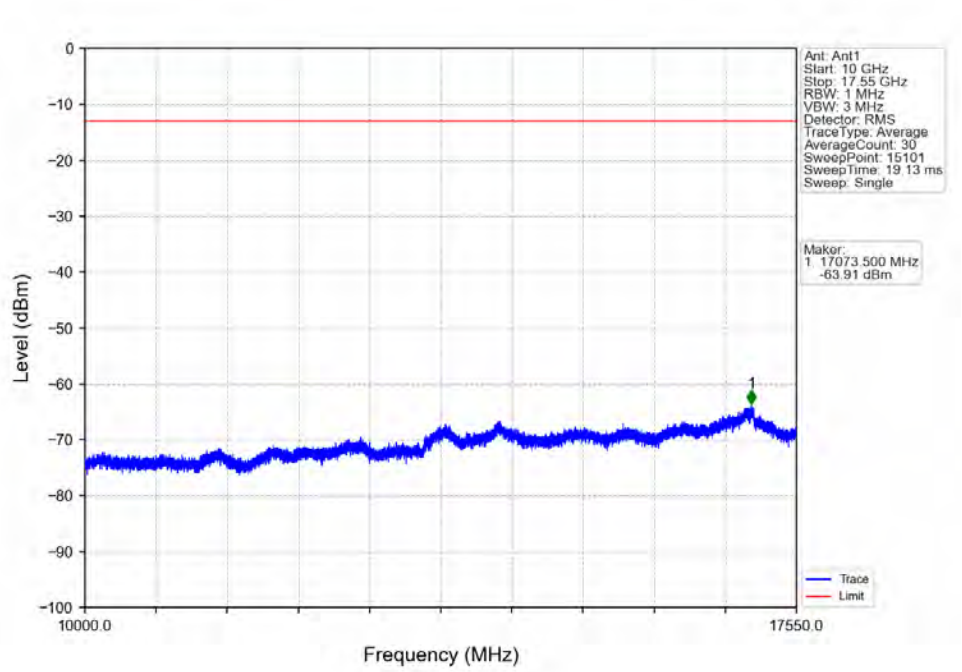


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.498	-50.23	-13	Pass
1709	1710	0.003	/	2	1709.997	-48.19	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

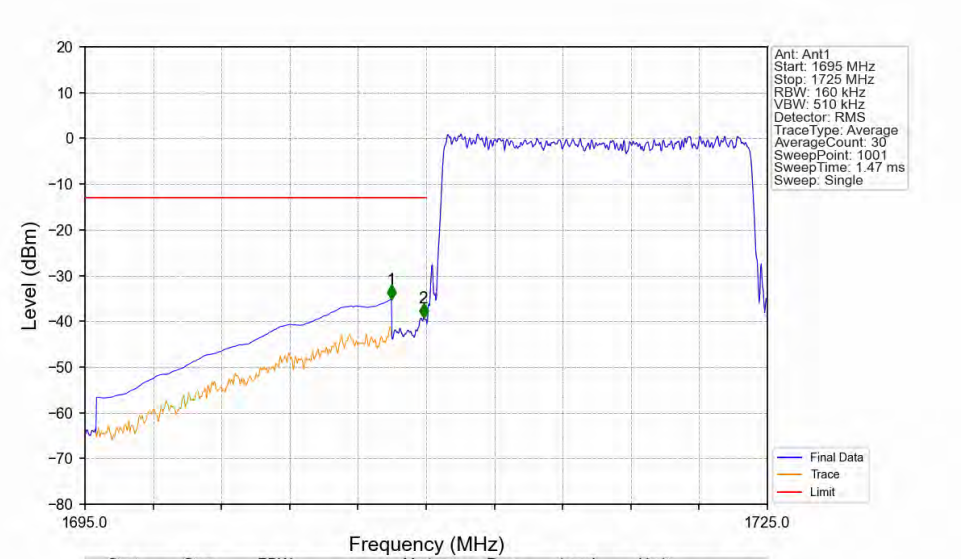
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



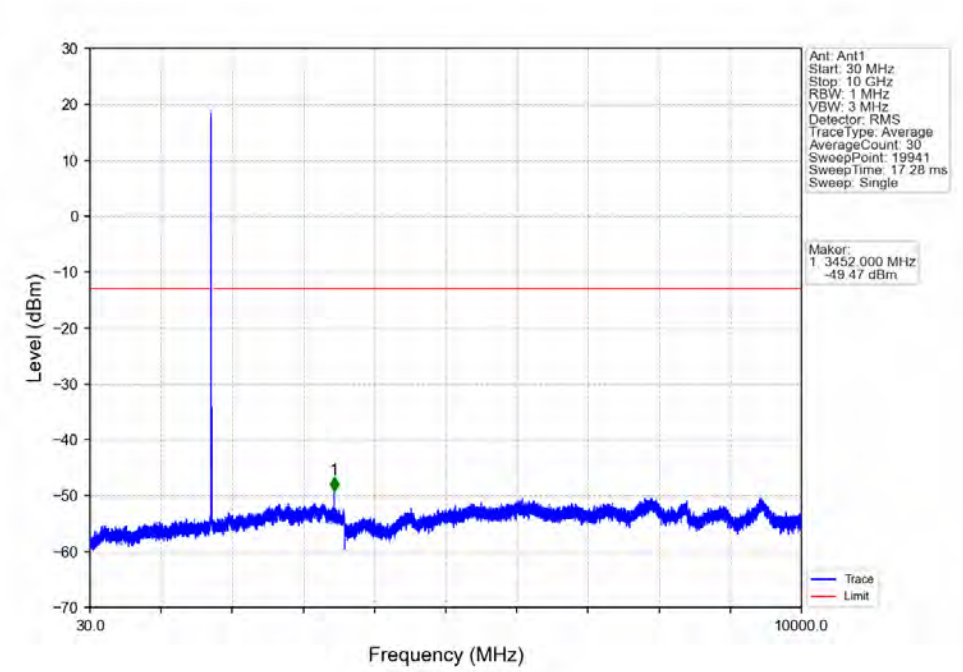
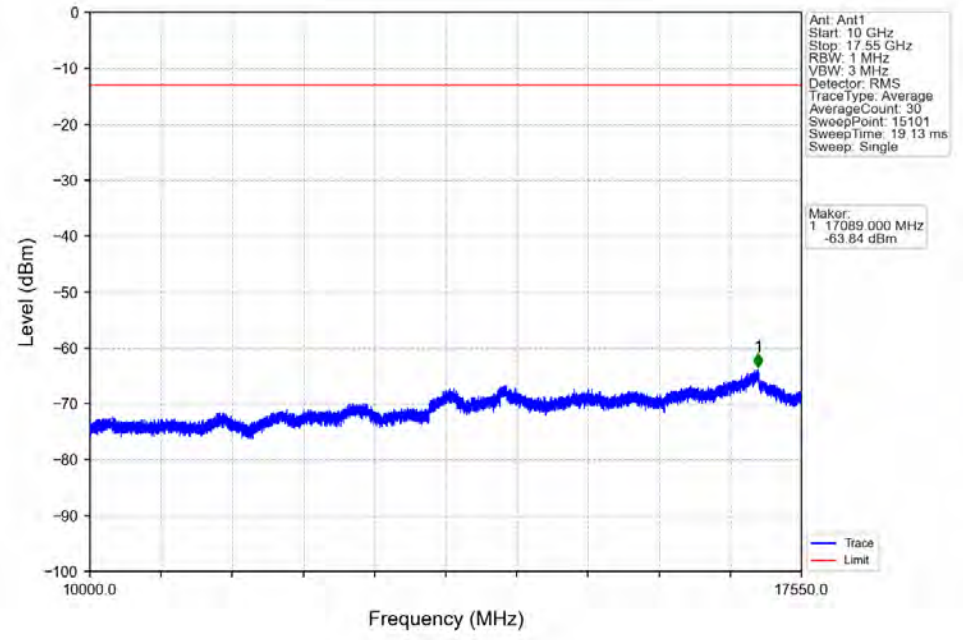
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

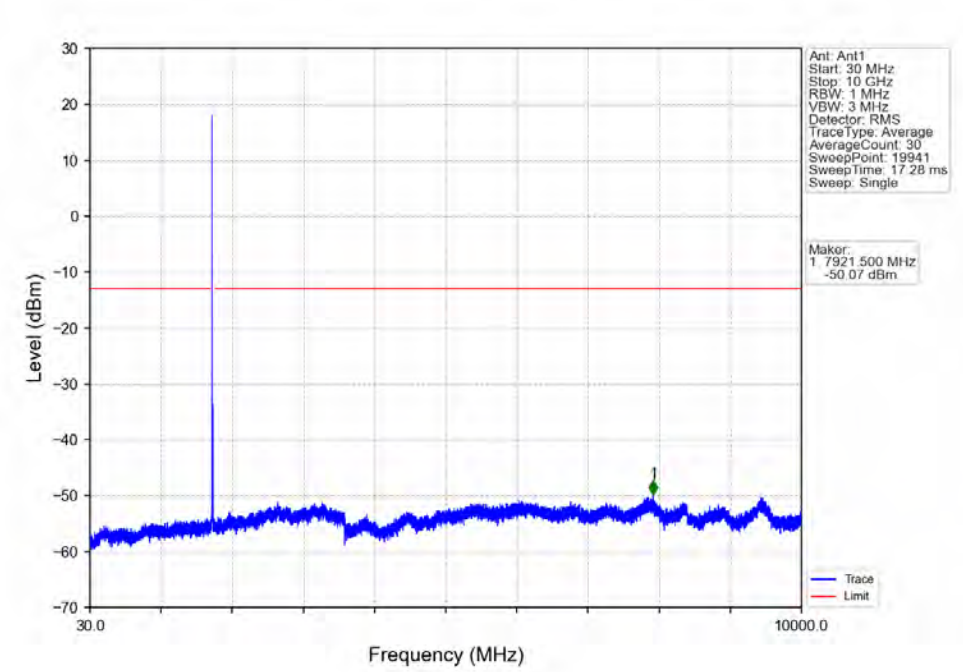
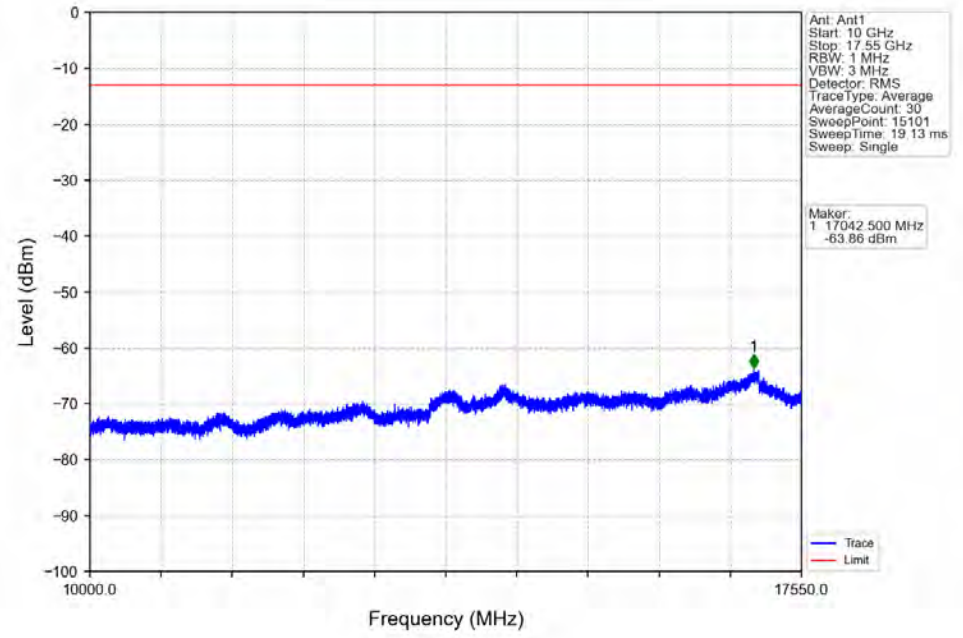


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

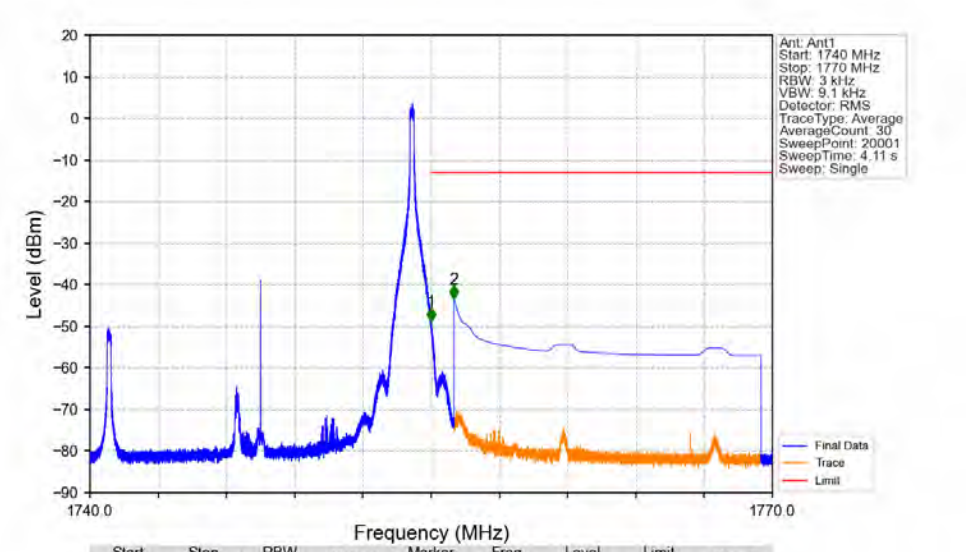


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-35.25	-13	Pass
1709	1710	0.16	/	2	1709.880	-39.26	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


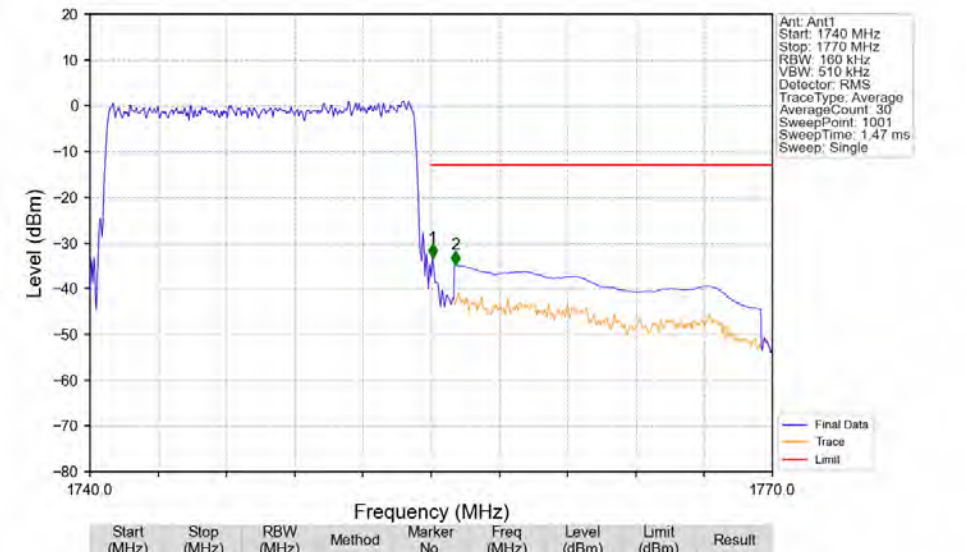
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-48.89	-13	Pass
1756	1770	1	CHP	2	1756.001	-43.44	-13	Pass

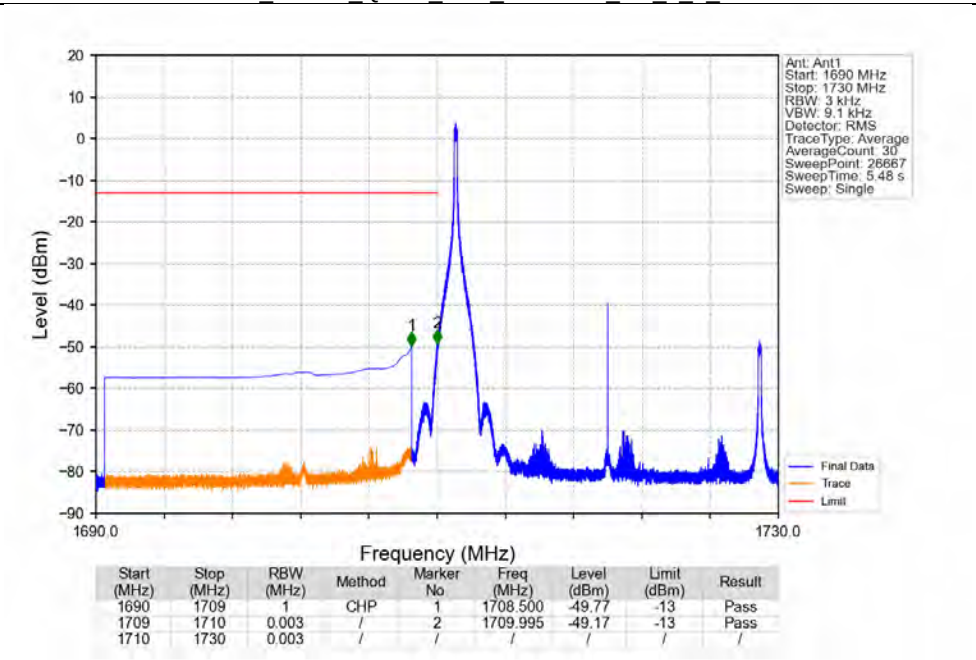
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.16	/	/	/	/	/	/
1755	1756	0.16	/	1	1755.060	-33.31	-13	Pass
1756	1770	1	CHP	2	1756.080	-34.78	-13	Pass

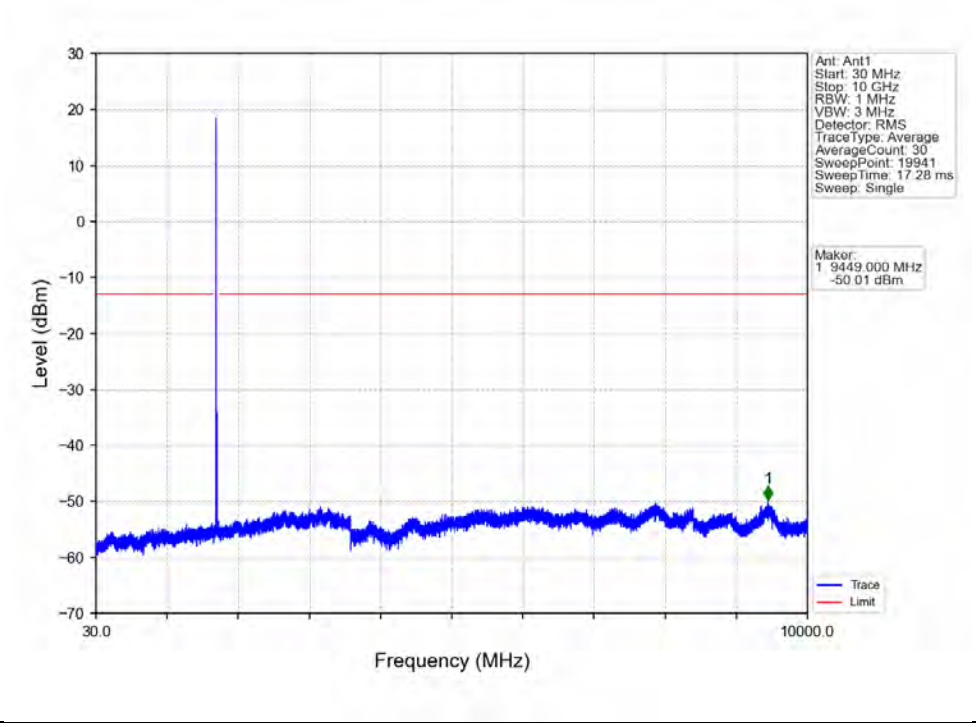
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

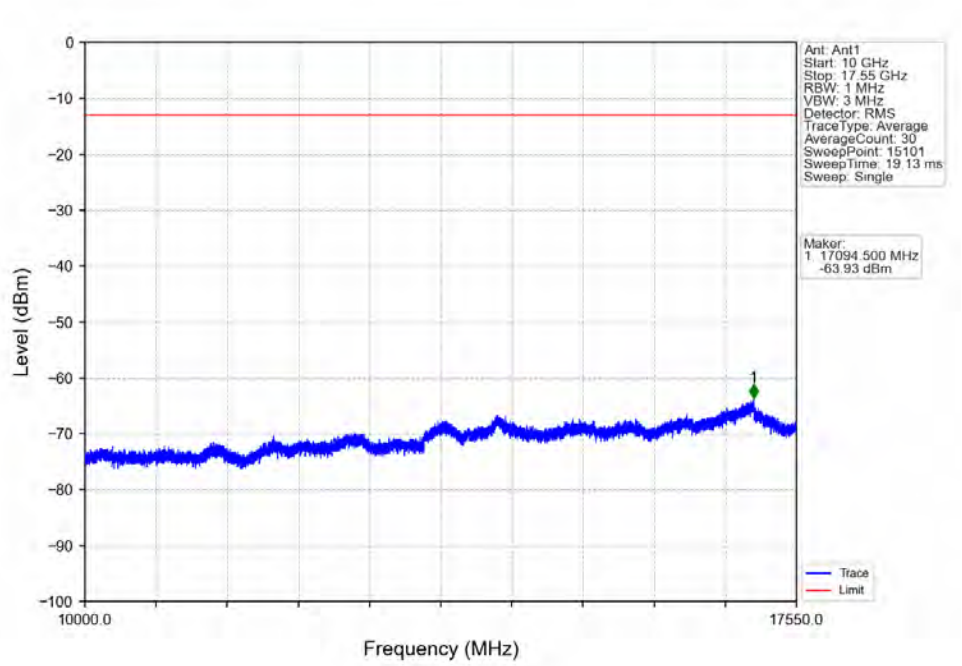


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-49.77	-13	Pass
1709	1710	0.003	/	2	1709.995	-49.17	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

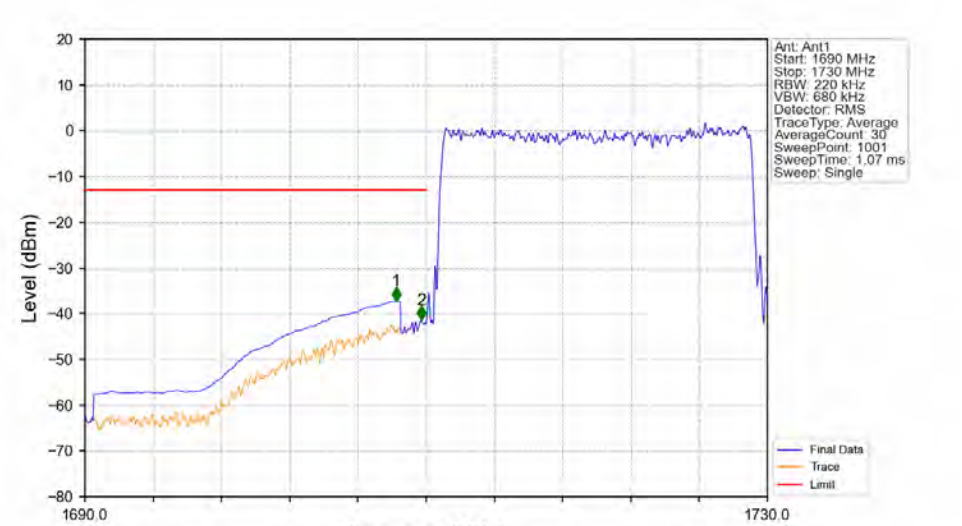
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



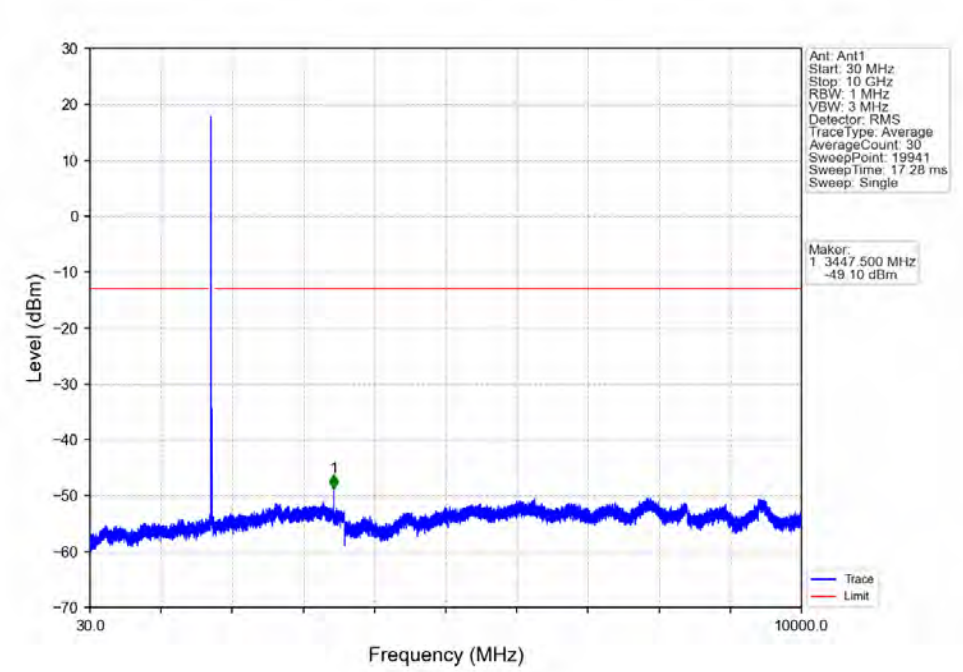
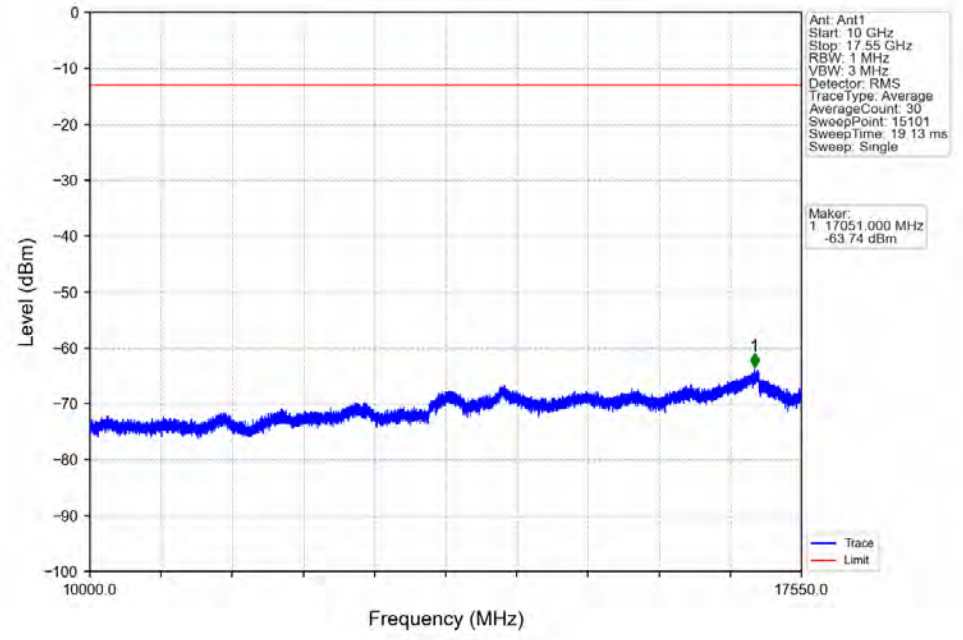
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

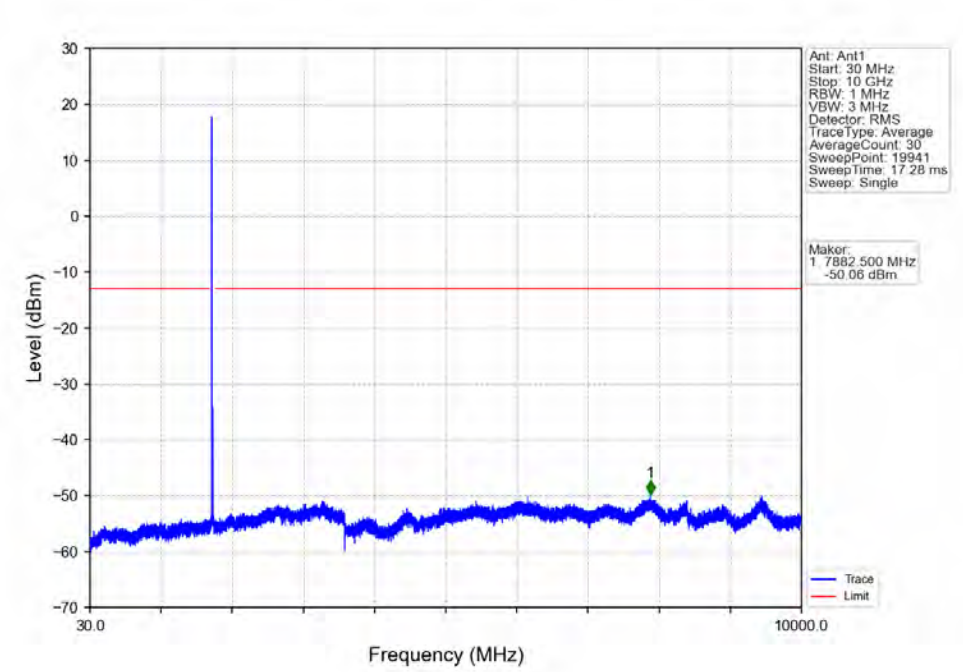
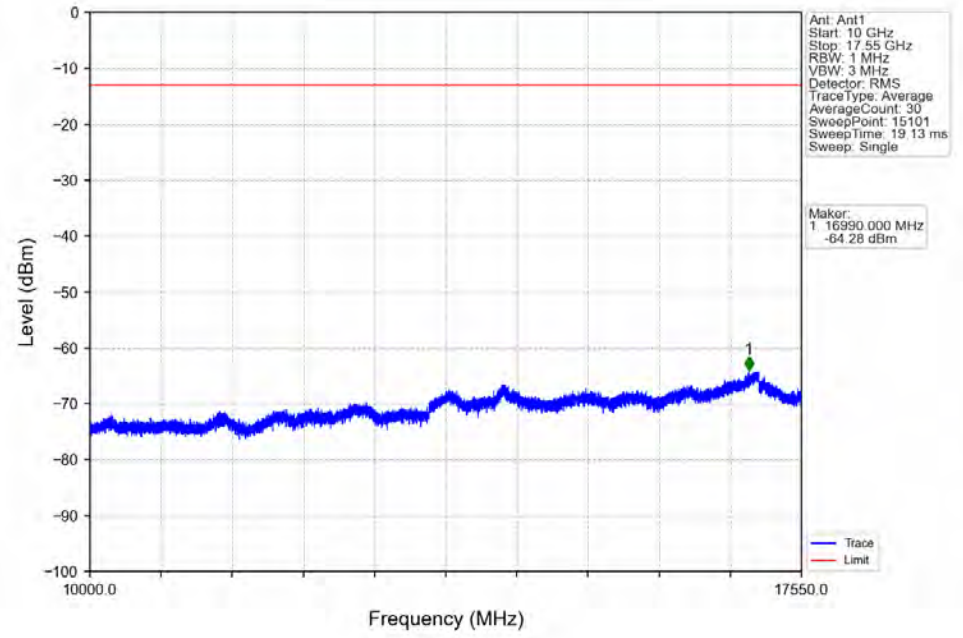


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

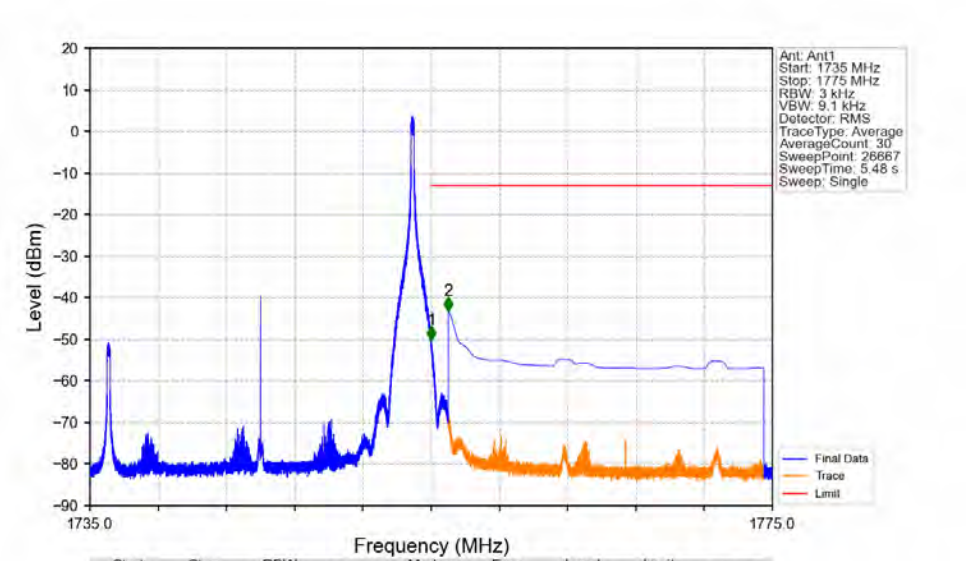


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.240	-37.26	-13	Pass
1709	1710	0.22	/	2	1709.720	-41.42	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV


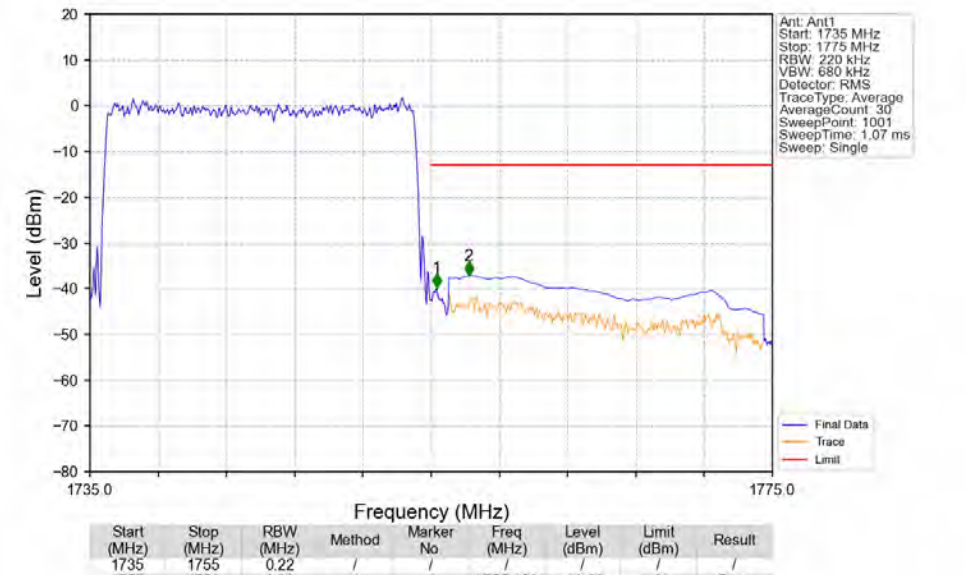
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.021	-50.16	-13	Pass
1756	1775	1	CHP	2	1756.001	-43.15	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.22	/	/	/	/	/	/
1755	1756	0.22	/	1	1755.320	-39.80	-13	Pass
1756	1775	1	CHP	2	1757.200	-37.11	-13	Pass

Field Strength of Spurious Radiation

LTE Band 4 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	-59.28	-13	-46.28	-63.9	3.36	7.98	Horizontal	Pass
5133.0	-62.85	-13	-49.85	-68.46	4.61	10.22	Horizontal	Pass
6844.0	-61.17	-13	-48.17	-67.2	4.9	10.93	Horizontal	Pass
3422.0	-65.73	-13	-52.73	-70.35	3.36	7.98	Vertical	Pass
5133.0	-62.83	-13	-49.83	-68.44	4.61	10.22	Vertical	Pass
6844.0	-61.21	-13	-48.21	-67.24	4.9	10.93	Vertical	Pass

LTE Band 4 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**
3447.0	-57.13	-13	-44.13	-61.8	3.37	8.04	Horizontal	Pass
5170.5	-62.94	-13	-49.94	-68.57	4.62	10.25	Horizontal	Pass
6894.0	-61.05	-13	-48.05	-67.14	4.9	10.99	Horizontal	Pass
3447.0	-64.68	-13	-51.68	-69.35	3.37	8.04	Vertical	Pass
5170.5	-63.11	-13	-50.11	-68.74	4.62	10.25	Vertical	Pass
6894.0	-60.99	-13	-47.99	-67.08	4.9	10.99	Vertical	Pass

LTE Band 4 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**
3472.0	-67.28	-13	-54.28	-71.99	3.39	8.1	Horizontal	Pass
5208.0	-62.89	-13	-49.89	-68.52	4.64	10.27	Horizontal	Pass
6944.0	-61.38	-13	-48.38	-67.53	4.91	11.06	Horizontal	Pass
3472.0	-66.35	-13	-53.35	-71.06	3.39	8.1	Vertical	Pass
5208.0	-63.02	-13	-50.02	-68.65	4.64	10.27	Vertical	Pass
6944.0	-61.62	-13	-48.62	-67.77	4.91	11.06	Vertical	Pass

CA_4A_5A-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	-66.32	-13	-53.32	-70.94	3.36	7.98	Horizontal	Pass
5133.0	-62.79	-13	-49.79	-68.4	4.61	10.22	Horizontal	Pass
6844.0	-60.99	-13	-47.99	-67.02	4.9	10.93	Horizontal	Pass
3422.0	-66.6	-13	-53.6	-71.22	3.36	7.98	Vertical	Pass
5133.0	-62.66	-13	-49.66	-68.27	4.61	10.22	Vertical	Pass
6844.0	-60.74	-13	-47.74	-66.77	4.9	10.93	Vertical	Pass

CA_4A_5A-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**
3447.0	-66.9	-13	-53.9	-71.57	3.37	8.04	Horizontal	Pass
5170.5	-62.99	-13	-49.99	-68.62	4.62	10.25	Horizontal	Pass
6894.0	-61.83	-13	-48.83	-67.92	4.9	10.99	Horizontal	Pass
3447.0	-66.82	-13	-53.82	-71.49	3.37	8.04	Vertical	Pass
5170.5	-62.55	-13	-49.55	-68.18	4.62	10.25	Vertical	Pass
6894.0	-61.71	-13	-48.71	-67.8	4.9	10.99	Vertical	Pass

CA_4A_5A-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**
3472.0	-66.98	-13	-53.98	-71.69	3.39	8.1	Horizontal	Pass
5208.0	-63.05	-13	-50.05	-68.68	4.64	10.27	Horizontal	Pass
6944.0	-61.23	-13	-48.23	-67.38	4.91	11.06	Horizontal	Pass
3472.0	-66.98	-13	-53.98	-71.69	3.39	8.1	Vertical	Pass
5208.0	-62.96	-13	-49.96	-68.59	4.64	10.27	Vertical	Pass
6944.0	-61.59	-13	-48.59	-67.74	4.91	11.06	Vertical	Pass

CA_4A_7A-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	-62.11	-13	-49.11	-66.73	3.36	7.98	Horizontal	Pass
5133.0	-62.67	-13	-49.67	-68.28	4.61	10.22	Horizontal	Pass
6844.0	-61.03	-13	-48.03	-67.06	4.9	10.93	Horizontal	Pass
3422.0	-65.16	-13	-52.16	-69.78	3.36	7.98	Vertical	Pass
5133.0	-62.32	-13	-49.32	-67.93	4.61	10.22	Vertical	Pass
6844.0	-60.82	-13	-47.82	-66.85	4.9	10.93	Vertical	Pass

CA_4A_7A-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**
5052.0	-63.16	-13	-50.16	-68.74	4.59	10.17	Horizontal	Pass
7578.0	-60.74	-13	-47.74	-67.62	4.95	11.83	Horizontal	Pass
10104.0	-57.35	-13	-44.35	-64.92	5.48	13.05	Horizontal	Pass
5052.0	-62.98	-13	-49.98	-68.56	4.59	10.17	Vertical	Pass
7578.0	-60.21	-13	-47.21	-67.09	4.95	11.83	Vertical	Pass
10104.0	-56.78	-13	-43.78	-64.35	5.48	13.05	Vertical	Pass

CA_4A_7A-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**
5102.0	-63.46	-13	-50.46	-69.06	4.6	10.2	Horizontal	Pass
7653.0	-60.37	-13	-47.37	-67.34	4.95	11.92	Horizontal	Pass
10204.0	-57.42	-13	-44.42	-65.0	5.49	13.07	Horizontal	Pass
5102.0	-63.45	-13	-50.45	-69.05	4.6	10.2	Vertical	Pass
7653.0	-59.87	-13	-46.87	-66.84	4.95	11.92	Vertical	Pass
10204.0	-57.23	-13	-44.23	-64.81	5.49	13.07	Vertical	Pass

Remark:

1) 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:
   EIRP=S.G.Power+Antenna Gain-Cable Loss
   Over Limit=Limit-EIRP
2) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---